

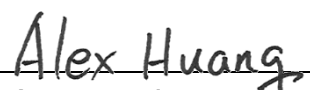
AS/NZS Test Report

Equipment : 802.11ax Wi-Fi 6 + BT5.4 Module
Model No. : Veda IF912
Brand Name : Ezurio
Applicant : Ezurio LLC
Address : W66N220 Commerce Court, Cedarburg, WI
53012 United States Of America
Standard : AS/NZS 4268:2017+Amd 1:2021
Received Date : Jan. 12, 2026
Tested Date : Feb. 16 ~ Jul. 21, 2026

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Alex Huang / Supervisor

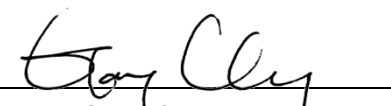

Gary Chang / Manager

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Appendix A. Nominal Centre Frequency

Appendix B. Nominal Channel Bandwidth and Occupied Bandwidth

Appendix C. RF Output Power, Transmit Power Control (TPC) and Power Density

Appendix D. Transmitter Spurious Emissions outside the 5 GHz RLAN Bands

Appendix E. Transmitter Spurious Emissions within the 5 GHz RLAN Band

Appendix F. Receiver Spurious Emissions

Appendix G. Adaptivity

Appendix H. Receiver Blocking

Appendix I. Adjacent Channel Selectivity

Release Record

Report No.	Version	Description	Issued Date
AR611203AN	Rev. 01	Initial issue	Aug. 06, 2026

Summary of Test Result

Ref. Std. Clause (ACMA 4268)	Ref. Std. Clause (EN 301 893)	Test Items	Measured	Result
---	4.2.1	Nominal centre frequency	Meet the requirement of limit.	Pass
6.5	4.2.2	Nominal Channel Bandwidth and Occupied Channel Bandwidth	Meet the requirement of limit.	Pass
6.6	4.2.2	Operating frequencies	Meet the requirement of limit.	Pass
6.3	4.2.3	RF Output Power	5.15-5.25GHz: 21.23 dBm 5.25-5.35GHz: 21.18 dBm 5.47-5.725GHz: 21.30 dBm	Pass
Row 61 Row 62 Row 63	4.2.3	Power Spectral Density (PSD)	Meet the requirement of limit.	Pass
6.4	4.2.4.1	Transmitter unwanted emissions outside the transmitter's operating Bands	Meet the requirement of limit.	Pass
7.2	4.2.4.2	Transmitter unwanted emissions within the transmitter's operating bands	Meet the requirement of limit.	Pass
Row 62 Row 63	4.2.5	Receiver Spurious Emissions	Meet the requirement of limit.	Pass
---	4.2.6	Dynamic Frequency Selection (DFS)	Meet the requirement of limit.	Pass
---	4.2.7	Adaptivity (Channel Access Mechanism)	Meet the requirement of limit.	Pass
---	4.2.8	Receiver Blocking	Meet the requirement of limit.	Pass
---	4.2.9	Adjacent channel selectivity	Meet the requirement of limit.	Pass
---	4.2.10	User Access Restrictions	Meet the requirement of limit.	Pass

Note: The DFS measurement was recorded in Report No.: AD611203.

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

Model Name	Part No.	Product Name	Description
Veda IF912	453-00396	802.11ax Wi-Fi 6 + BT5.4 Module	Module, Veda IF912, SIP, Tri Band, No Embedded Memory, RF Trace Pin
	453-00397		Module, Veda IF912, SIP, Tri Band, Embedded Ext. Memory, 8M PSRAM, 8M Flash, RF Trace Pin

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
5150-5250 5250-5350 5470-5725	a	5180-5240 5260-5320 5500-5700	36-48 [4] 52-64 [4] 100-140 [1]	1	6-54 Mbps
	n (HT20)				MCS 0-7
	ac (VHT20)				MCS 0-9
	ax (HE20)				MCS 0-11
Note 1: 802.11a/n/ac/ax uses a combination of BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation.					

1.1.3 Antenna Details

Integrated Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Yageo / Chip Antenna	ANT1608LL 14R2460A	Chip	NA	2.3	0.1	0.1	1.8	2.5

External Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Ezurio / FlexMIMO 6E	EFD2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.8	3.8	3.8	3.8
Ezurio / FlexPIFA 6E	EFB2471A3 S-10MH4L	PIFA	MHF4L	2.2	3.9	3.9	3.9	3.9
Ezurio / Mini NanoBlade Flex 6GHz	EMF2471A3 S-10MH4L	PCB Dipole	MHF4L	2.4	4.4	4.4	4.4	4.4
Joymax Electronics / Dipole 6E	TWX-100BRS3B	Dipole	RP-SMA	2	4	4	4	4
Ezurio / FlexPIFA Dual Band	001-0021	PIFA	IPEX MHF4L	2.5	3	3	3	3
Ezurio / FlexPIFA Dual Band	EFB2455A3 S-15MH4L	PIFA	MHF1	2.5	3	3	3	3

1.1.4 EUT Operational Condition

Power Supply Type	3.3Vdc from host		
SW Version	IFX_Ezurio-H1CP-04022026-2		
Operational Climatic	☒ Tnom (20°C)	☒ Tmax (85°C)	☒ Tmin (-40°C)
TPC	☒ Support ☐ Not support		
Beamforming	☐ Support ☒ Not support		
RU Configuration	☒ Full RU ☒ Partial RU		

1.1.5 Accessories

N/A

1.1.6 Adaptive Equipment

Adaptive Equipment	
☒	Adaptive Equipment without the possibility to switch to a non-adaptive mode:
☒	The equipment has implemented an LBT based DAA mechanism:
☐	The equipment is Frame Based equipment
☒	The equipment is Load Based equipment
☐	The equipment can switch dynamically between Frame Based and Load Based equipment
☐	The equipment has implemented an non-LBT based DAA mechanism
☐	The equipment can operate in more than one adaptive mode
☐	Adaptive Equipment which can also operate in a non-adaptive mode

1.1.7 Channel List

Frequency band (MHz)	5150~5350, 5470~5725
802.11a / n HT20 / ac VHT20 / ax HE20	
Channel	Frequency(MHz)
36	5180
40	5200
44	5220
48	5240
52	5260
56	5280
60	5300
64	5320
100	5500
104	5520
108	5540
112	5560
116	5580
120	5600
124	5620
128	5640
132	5660
136	5680
140	5700

1.1.8 Test Tool and Duty Cycle

full RU configuration

Test Tool	Command, Version: 28.10.400.1	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
11a	98.51%	0.07
ax HE20_OFDMA	97.28%	0.12

partial RU configuration

Test Tool	Command, Version: 28.10.400.1	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
ax HE20_OFDMA_RU26	99.41%	0.026
ax HE20_OFDMA_RU52	99.56%	0.019
ax HE20_OFDMA_RU106	98.84%	0.051

1.1.9 Power Index of Test Tool

full RU configuration

Modulation Mode	Test Frequency (MHz)								
	11a / ax HE20_OFDMA								
	5180	5240	5260	5320	5500	5700	---	---	---
11a	65	64	64	65	66	67	---	---	---
ax HE20_OFDMA	65	66	65	67	68	69	---	---	---

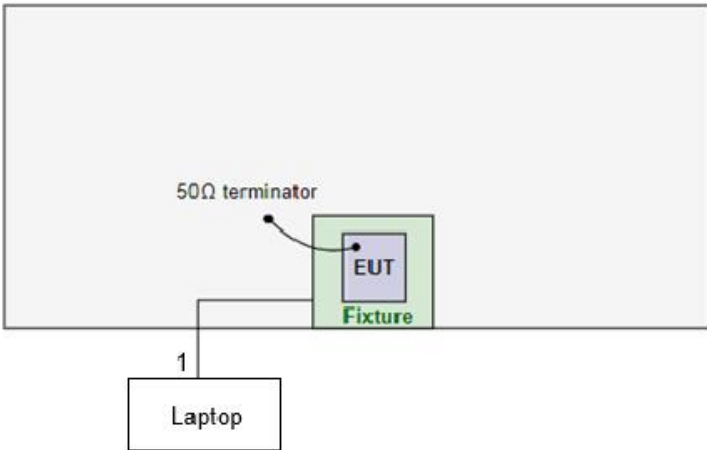
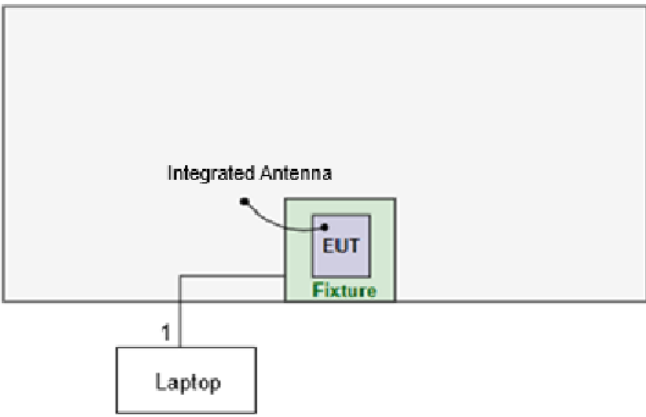
partial RU configuration

Modulation Mode	Test Frequency (MHz)								
	ax HE20_OFDMA								
	5180	5240	5260	5320	5500	5700	---	---	---
ax HE20_OFDMA_RU26	32	32	29	31	32	33	---	---	---
ax HE20_OFDMA_RU52	45	45	43	45	46	46	---	---	---
ax HE20_OFDMA_RU106	58	59	59	59	59	59	---	---	---

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	S/N	Remarks
1	Laptop	Lenovo	TP00003B	R9-L1LRK	Provided by applicant.
2	Fixture	---	---	---	Provided by applicant.
3	50Ω terminator	---	---	---	---

1.3 Test Setup Chart

Test Setup Diagram (Radiated Test)	
 50Ω terminator EUT Fixture 1 Laptop Kept in control area	
Test Setup Diagram (Conducted Test)	
 Integrated Antenna EUT Fixture 1 Laptop Kept in control area	
No.	Signal cable / Length (m)
1	Type-C USB, 1.3m shielded.

1.4 Test Equipment and Calibration Data

Test Item	Radiated Emissions				
Test Site	Fully –anechoic chamber 1 / (05CH01-WS)				
Test Date	Feb. 16 ~ Feb. 25, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	Agilent	N9010A	MY54200247	Nov. 25, 2025	Nov. 24, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-524	Jan. 15, 2026	Jan. 14, 2027
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1094	Nov. 28, 2025	Nov. 27, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170508	Jan. 23, 2026	Jan. 22, 2027
Preamplifier	Agilent	83017A	MY39501308	Nov. 24, 2025	Nov. 23, 2026
Preamplifier	EMC	EMC02325	980146	Oct. 23, 2025	Oct. 22, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210904	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16609/4	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY15686/4	Oct. 07, 2025	Oct. 06, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-005	Oct. 07, 2025	Oct. 06, 2026
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-006	Oct. 07, 2025	Oct. 06, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emissions				
Test Site	Fully –anechoic chamber 1 / (05CH01-WS)				
Test Date	Jun. 04, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	Agilent	N9010A	MY54200247	Nov. 25, 2025	Nov. 24, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-524	Jan. 15, 2026	Jan. 14, 2027
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1094	Nov. 28, 2025	Nov. 27, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170508	Jan. 23, 2026	Jan. 22, 2027
Preamplifier	Agilent	83017A	MY39501308	Nov. 24, 2025	Nov. 23, 2026
Preamplifier	EMC	EMC02325	980146	Oct. 23, 2025	Oct. 22, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210904	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16609/4	Oct. 07, 2025	Oct. 06, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY15686/4	Oct. 07, 2025	Oct. 06, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-005	Oct. 07, 2025	Oct. 06, 2026
LF cable 10M	Woken	CFD400NL-LW	CFD400NL-006	Oct. 07, 2025	Oct. 06, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Test Date	Feb. 17 ~ Mar. 12, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101910	Apr. 18, 2025	Apr. 17, 2026
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 26, 2025	Jun. 25, 2026
Power Sensor	Agilent	U2021XA	MY54070003	Mar. 19, 2025	Mar. 18, 2026
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210928	Oct. 11, 2025	Oct. 10, 2026
Measurement Software	Sporton	SENSE-301893_NII	5.11.8.0	NA	NA
Measurement Software	Agilent	EN RF test	1.1501125	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Test Date	Jul. 24, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101486	Mar. 10, 2026	Mar. 09, 2027
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Jun. 25, 2026	Jun. 24, 2027
Power Sensor	Agilent	U2021XA	MY53480019	Mar. 12, 2026	Mar. 11, 2027
Power Sensor	Agilent	U2021XA	MY54060013	Mar. 30, 2026	Mar. 29, 2027
RF Cable-1M	EMC	EMC104-35M-35M-1000	S/N:210928	Oct. 11, 2025	Oct. 10, 2026
Measurement Software	Sporton	SENSE-301893_NII	5.11.8.0	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Receiver Blocking				
Test Site	DF01-WS				
Test Date	Jul. 21, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Wireless connectivity tester	R&S	CMW270	100856	Jan. 06, 2026	Jan. 05, 2027
Vector Signal Generator	R&S	SMW200A	109619	Aug. 04, 2025	Aug. 03, 2026
RF cable-0.5M	HUBER+SUHNER	SUCOFLEX_104	500202/4	Oct. 09, 2025	Oct. 08, 2026
RF cable-0.5M	HUBER+SUHNER	SUCOFLEX_104	296088/4	Oct. 09, 2025	Oct. 08, 2026
RF Cable	EMC	EMC105SFF-SM-SM-2000	210816	Oct. 09, 2025	Oct. 08, 2026
Combiner(1X2)	WOKEN	2WAYDIV	12101200003	Oct. 09, 2025	Oct. 08, 2026
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Adaptivity				
Test Site	DF01-WS				
Test Date	May 07, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV-7	101607	Feb. 06, 2026	Feb. 05, 2027
RF Cable	EMC	EMC105SFF-SM-SM-2000	210816	Oct. 09, 2025	Oct. 08, 2026
RF Cable	woken	woken-S05	S/N:S05-141231-102	Oct. 09, 2025	Oct. 08, 2026
RF Cable	woken	woken-S05	S/N:S05-141231-105	Oct. 09, 2025	Oct. 08, 2026
RF Cable	woken	woken-S05	S/N:S05-141231-106	Oct. 09, 2025	Oct. 08, 2026
RF Cable	woken	woken-S05	S/N:S05-141231-108	Oct. 09, 2025	Oct. 08, 2026
Vector Signal Generator	R&S	SMW200A	109619	Aug. 04, 2025	Aug. 03, 2026
Oscilloscope	National Instruments	USB-5133	F651FF	Aug. 18, 2025	Aug. 17, 2026
Preamplifier	Burgeon	BPA-530	100219	Dec. 15, 2025	Dec. 14, 2026
Combiner(1X2)	woken	0120A022018010	DOM2AEW1A23	Oct. 11, 2025	Oct. 10, 2026
Combiner(1X4)	WOKEN	4WAYDIV	0120A042011010	Oct. 09, 2025	Oct. 08, 2026
Direction Coupler	Marvelous Microwave	MVE4514-20	20	Oct. 09, 2025	Oct. 08, 2026
30dB Attenuator	MVE	MVE2462-30	16050401	Oct. 11, 2025	Oct. 10, 2026
Measurement Software	Sporton	Sporton_3	2.2.0.0	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emissions				
Test Site	(10CH02-HY)				
Test Date	Mar. 12, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
10m Semi Anechoic Chamber	TDK	SAC-10M	10CH02-HY	Aug. 29, 2025	Aug. 28, 2026
Receiver	R&S	ESU26	100422	Nov. 14, 2025	Nov. 13, 2026
Loop Antenna	TESEQ	HLA 6120	31244	Mar. 20, 2025	Mar. 19, 2026
Turn Table	EM Electronics	EM 1000	60546	--	---
RF Cable-R10m	HUBER+SUHNER	RG223/U + RG8/U	CB026-B30M	Aug. 22, 2025	Aug. 21, 2026
Software	Audix	E3	6.12 160809	--	---
Note: Calibration Interval of instruments listed above is one year.					

1.5 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

AS/NZS 4268:2017+Amd 1:2021
EN 301 893 V2.2.1 (2024-11)

1.6 Deviation from Test Standard and Measurement Procedure

None

1.7 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty		
Parameters	Uncertainty	Limit
Radio Frequency	± 0.001 ppm	$\pm 1 \times 10^{-5}$
RF power conducted	± 0.808 dB	$\pm 1,5$ dB
RF power radiated	± 3.40 dB	± 6 dB
Spurious emission, conducted	± 2.715 dB	± 3 dB
Spurious emission, radiated	± 3.40 dB	± 6 dB
Humidity	$\pm 3.3\%$	$\pm 5\%$
Temperature	± 0.4 °C	± 2 °C
Time	$\pm 0.1\%$	$\pm 10\%$

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	TH01-WS, 05CH01-WS, DF01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

Test Laboratory	Sporton International Inc. Hsinhua Laboratory
Test Site	10CH02-HY
Address of Test Site	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) Tel: 886-3-327-3456, Fax: 886-3-327-0973

Note: * ICC lab subcontracts this test item to Sporton Hsinhua Lab (TAF: 3785).

Sporton Hsinhua Lab is a TAF accreditation test firm and also is an approved provider of ICC lab.

2.2 The Worst Test Modes and Channel Details

Full RU configuration							
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Mode	Test method	Note	Test Configuration
Nominal centre frequency	11a ax HE20_OFDMA	5180 / 5320 / 5700 5180 / 5320 / 5700	6 Mbps MCS 0	TX	Conducted	-	-
Nominal Channel Bandwidth and Occupied Channel Bandwidth	11a ax HE20_OFDMA	5180 / 5320 / 5700 5180 / 5320 / 5700	6 Mbps MCS 0	TX	Conducted	-	-
RF Output Power Transmitter Unwanted Emissions within the 5 GHz RLAN Band	11a	5180 / 5240 / 5260 5320 / 5500 / 5700	6 Mbps	TX	Conducted	-	-
	ax HE20_OFDMA	5180 / 5240 / 5260 5320 / 5500 / 5700	MCS 0				
Power Spectral Density	11a	5180 / 5240 / 5260 5320 / 5500 / 5700	6 Mbps	TX	Conducted	-	-
	ax HE20_OFDMA	5180 / 5240 / 5260 5320 / 5500 / 5700	MCS 0				
Transmitter Emissions ≤ 1GHz Transmitter Emissions >1GHz	11a	5180 / 5320 / 5500 5700	6 Mbps	TX	Conducted	-	-
	ax HE20_OFDMA	5180 / 5320 / 5500 5700	MCS 0		Radiated	Note 2	-
Receiver Emissions ≤ 1GHz Receiver Emissions >1GHz	11a	5180 / 5320 / 5700	6 Mbps	RX	Conducted	-	-
	ax HE20_OFDMA	5180 / 5320 / 5700	MCS 0		Radiated	Note 2	-
Transmitter Spurious Emissions ≤ 30 MHz	11a ax HE20_OFDMA	5180 / 5320 / 5500 5700 5180 / 5320 / 5500 5700	6 Mbps MCS 0	TX	Radiated	Note 3	1~7
Receiver Spurious Emissions ≤ 30 MHz	11a ax HE20_OFDMA	5180 / 5320 / 5700 5180 / 5320 / 5700	6 Mbps MCS 0	RX	Radiated	Note 3	1~7
Adaptivity	ax HE20_OFDMA	5500	MCS 0	TX	Conducted	-	-
Receiver Blocking Adjacent channel selectivity	11a	5180 / 5320 / 5700	6 Mbps	RX	Conducted	-	-

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Z-plane** result was found as the worst case and was shown in this report.
- The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
- Test configurations for Spurious Emission below 30MHz Test:
Configuration 1 : EFD2471A3S-10MH4L Antenna
Configuration 2 : EFB2471A3S-10MH4L Antenna
Configuration 3 : EMF2471A3S-10MH4L Antenna
Configuration 4 : TWX-100BRS3B Antenna
Configuration 5 : 001-0021 Antenna
Configuration 6 : EFB2455A3S-15MH4L Antenna
Configuration 7 : ANT1608LL14R2460A Antenna
- Two skus had been covered during the pretest and found that **Part No. 453-00397** was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)

Partial RU configuration							
Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Mode	Test method	Note	Test Configuration
RF Output Power	ax HE20_ OFDMA RU26 OFDMA RU52 OFDMA RU106	5180 / 5240 / 5260 5320 / 5500 / 5700	MCS 0	TX	Conducted	-	-
Power Spectral Density	ax HE20_ OFDMA RU26 OFDMA RU52 OFDMA RU106	5180 / 5240 / 5260 5320 / 5500 / 5700	MCS 0	TX	Conducted	-	-
Transmitter Emissions ≤ 1GHz Transmitter Emissions >1GHz	ax HE20_ OFDMA RU106	5180 / 5320 / 5500 5700	MCS 0	TX	Conducted	-	-
					Radiated	Note 2	-
Receiver Emissions ≤ 1GHz Receiver Emissions >1GHz	ax HE20_ OFDMA RU106	5180 / 5320 / 5700	MCS 0	RX	Conducted	-	-
					Radiated	Note 2	-
Transmitter Spurious Emissions ≤ 30 MHz	ax HE20_ OFDMA RU106	5180 / 5320 / 5500 5700	MCS 0	TX	Radiated	Note 3	1 ~ 7
NOTE: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Z-plane result was found as the worst case and was shown in this report. 2. The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement. 3. Test configurations for Spurious Emission below 30MHz Test: Configuration 1 : EFD2471A3S-10MH4L Antenna Configuration 2 : EFB2471A3S-10MH4L Antenna Configuration 3 : EMF2471A3S-10MH4L Antenna Configuration 4 : TWX-100BRS3B Antenna Configuration 5 : 001-0021 Antenna Configuration 6 : EFB2455A3S-15MH4L Antenna Configuration 7 : ANT1608LL14R2460A Antenna 4. Two skus had been covered during the pretest and found that Part No. 453-00397 was the worst case and was selected for the final test. (sku 1: Part No. 453-00396, sku 2: Part No. 453-00397)							

3 Transmitter Test Results

3.1 Nominal Centre Frequency

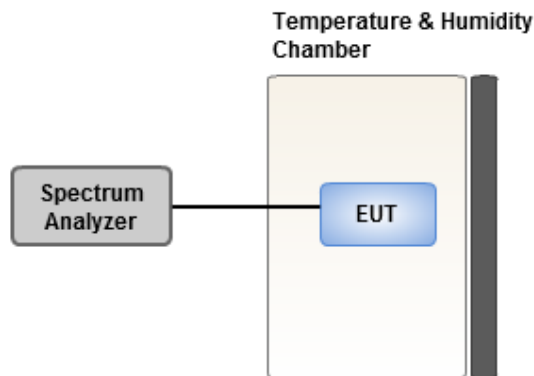
3.1.1 Limit of Nominal Centre Frequency

The actual centre frequency for any given channel declared by the manufacturer shall be maintained within the range $f_c \pm 0,002 \%$.

3.1.2 Test Procedures

Reference to clause 5.4.2.2 of ETSI EN 301 893 V2.2.1 (2024-11)

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	25°C / 65%	Tested By	Ryan Lee

Refer to Appendix A.

3.2 Nominal Channel Bandwidth and Occupied Bandwidth

3.2.1 Limit of Nominal Channel Bandwidth and Occupied Bandwidth

The Nominal Channel Bandwidth for a single Operating Channel shall be 20 MHz

Alternatively, equipment may implement a lower nominal channel bandwidth with a minimum of 5 MHz, providing it still conforms to the limits defined for nominal centre frequencies (20 MHz raster).

For channels whose nominal channel bandwidth falls partly or completely within sub-band 2 or sub-band 3, the occupied bandwidth shall not be less than 80 % of the nominal channel bandwidth. During a Channel Occupancy Time (COT), equipment may operate temporarily with an occupied bandwidth of less than 80 % of its nominal channel bandwidth. The occupied bandwidth shall not be less than 2 MHz.

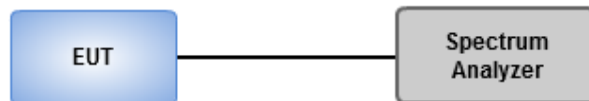
For channels whose nominal channel bandwidth falls completely outside sub-band 2 and sub-band 3, the occupied bandwidth shall be equal or less than the nominal channel bandwidth. In case of smart antenna systems (devices with multiple transmit chains) each of the transmit chains shall meet the requirements specified in this clause.

The occupied bandwidth might change with time/payload

3.2.2 Test Procedures

Reference to clause 5.4.3.2 of ETSI EN 301 893 V2.2.1 (2024-11)

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	25°C / 65%	Tested By	Ryan Lee

Refer to Appendix B.

3.3 RF Output Power, Transmit Power Control (TPC) and Power density

3.3.1 Limit of RF Output Power, Transmit Power Control (TPC) and Power Density

Sub-band	RF output power limit (EIRP, dBm)		EIRP PSD limit (dBm/MHz)	
	With TPC (see note 3)	Without TPC	With TPC	Without TPC
Sub-band 1 (5150 MHz to 5250 MHz)	23	23	10	10
Sub-band 2 (5250 MHz to 5350 MHz)	23	20	10	7
Sub-band 3 (5470 MHz to 5725 MHz) (see note 2)	30 (see note 1)	27 (see note 1)	17 (see note 1)	14 (see note 1)
Sub-band 4 (5725 MHz to 5850 MHz)	23	20	10	7

Note1: Secondary devices without radar detection operating in sub-band 3 shall conform to the limits for sub-band 2.

Note2: National frequency usage conditions may allow devices to operate in sub-band 3 on a channel with a nominal channel bandwidth that extends into sub-band 4.

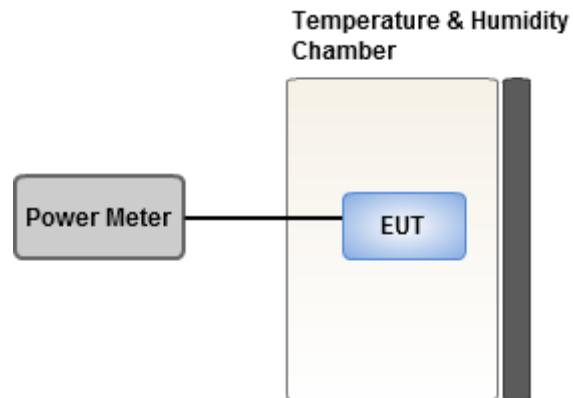
Note3: If TPC is used, the RF output power in sub-band sb at the lowest power level of the TPC range in sub-band sb ($P_{L, sb}$) shall be at least 6 dB less than the applicable RF output power limit with TPC.

3.3.2 Test Procedures

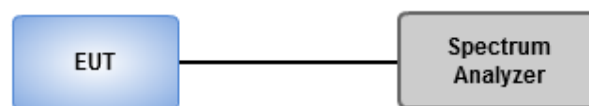
Reference to clause 5.4.4.2 of ETSI EN 301 893 V2.2.1 (2024-11)

3.3.3 Test Setup

For RF Output Power, Transmit Power Control (TPC)



For Power Density



3.3.4 Test Results

Ambient Condition	25°C / 65%	Tested By	Ryan Lee

Refer to Appendix C.

3.4 Transmitter Unwanted Emissions outside the 5 GHz RLAN Bands

3.4.1 Limit of Transmitter Unwanted Emissions outside the 5 GHz RLAN Bands

Spurious Emissions Limit (Peak Power)	Frequency Range	Measurement Bandwidth
-56 dBW (2.5μW) e.i.r.p (59 dBμV/m at 10 metres)	< 150 kHz	1 kHz
	150 kHz – 30 MHz	10 kHz

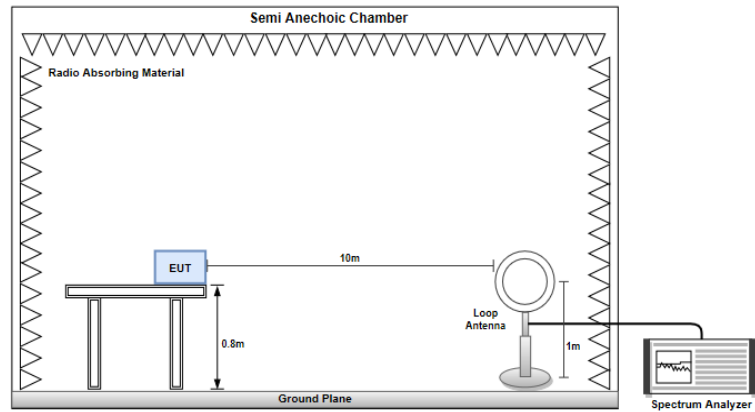
Frequency Range	Maximum Power	Bandwidth
$30 \text{ MHz} \leq f < 87,5 \text{ MHz}$	-36 dBm	100 kHz
$87,5 \text{ MHz} \leq f \leq 118 \text{ MHz}$	-54 dBm	100 kHz
$118 \text{ MHz} < f < 174 \text{ MHz}$	-36 dBm	100 kHz
$174 \text{ MHz} \leq f \leq 230 \text{ MHz}$	-54 dBm	100 kHz
$230 \text{ MHz} < f < 470 \text{ MHz}$	-36 dBm	100 kHz
$470 \text{ MHz} \leq f \leq 694 \text{ MHz}$	-54 dBm	100 kHz
$694 \text{ MHz} < f \leq 1 \text{ GHz}$	-36 dBm	100 kHz
$1 \text{ GHz} < f \leq 26 \text{ GHz}$	-30 dBm	1 MHz

3.4.2 Test Procedures

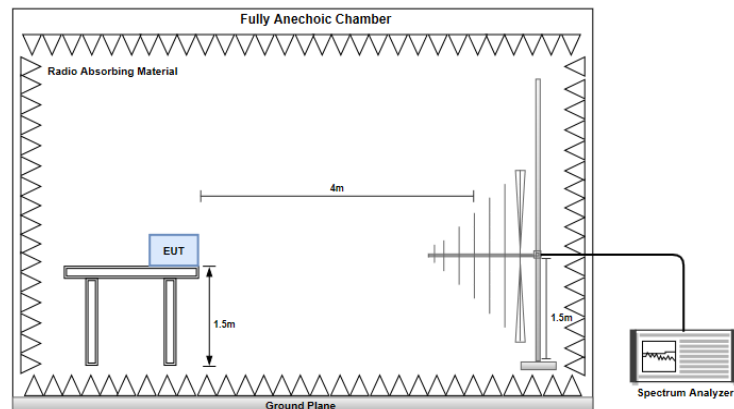
Reference to clause 5.4.5.2 of ETSI EN 301 893 V2.2.1 (2024-11)

3.4.3 Test Setup

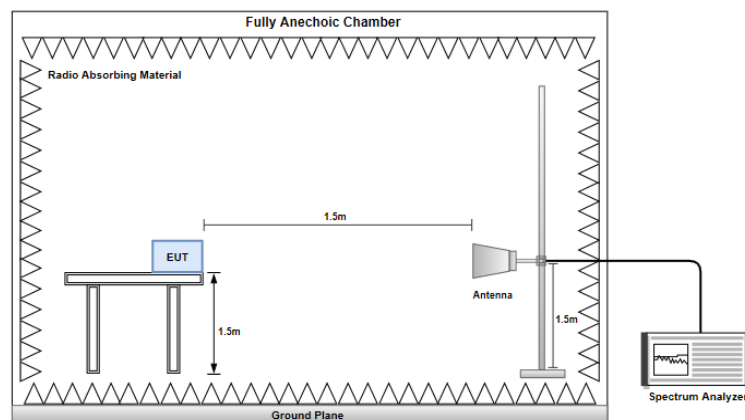
Below 30MHz



Below 1GHz



Above 1 GHz

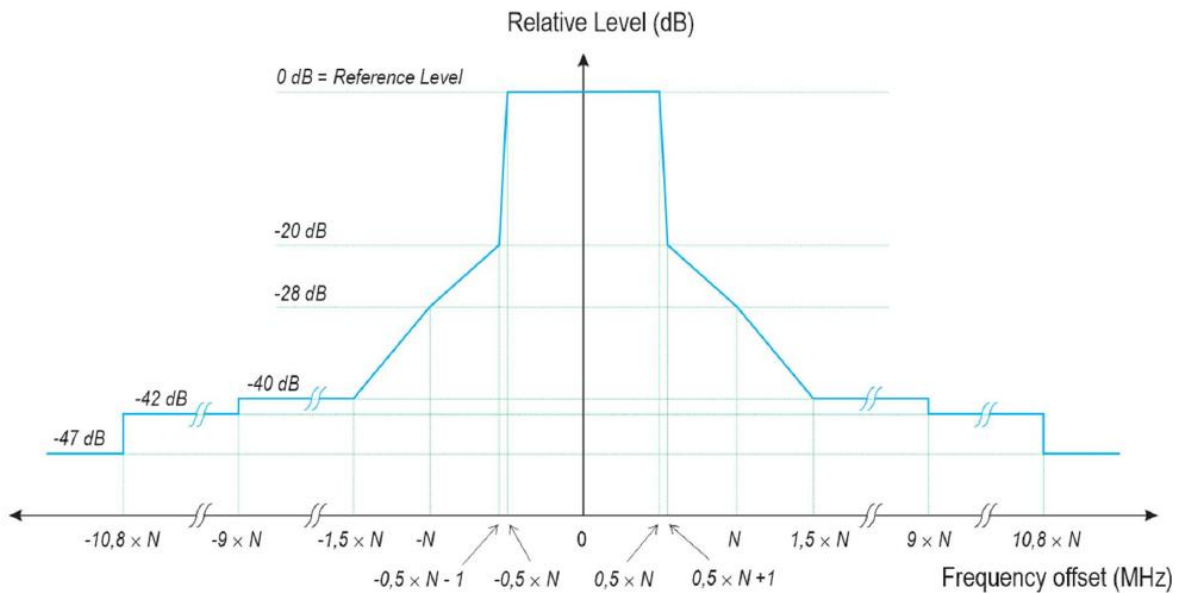


3.4.4 Test Results

Refer to Appendix D.

3.5 Transmitter Unwanted Emissions within the 5 GHz RLAN Band

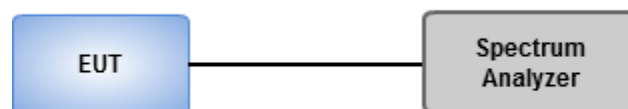
3.5.1 Limit of Transmitter Unwanted Emissions within the 5 GHz RLAN Band



3.5.2 Test Procedures

Reference to clause 5.4.6.2 of ETSI EN 301 893 V2.2.1 (2024-11)

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	25°C / 65%	Tested By	Ryan Lee

Refer to Appendix E.

4 Receiver Test Results

4.1 Receiver Spurious Emissions

4.1.1 Limit of Receiver Spurious Emissions

Spurious Emissions Limit (Peak Power)	Frequency Range	Measurement Bandwidth
-56 dBW (2.5 μ W) e.i.r.p (59 dB μ V/m at 10 metres)	< 150 kHz	1 kHz
	150 kHz – 30 MHz	10 kHz

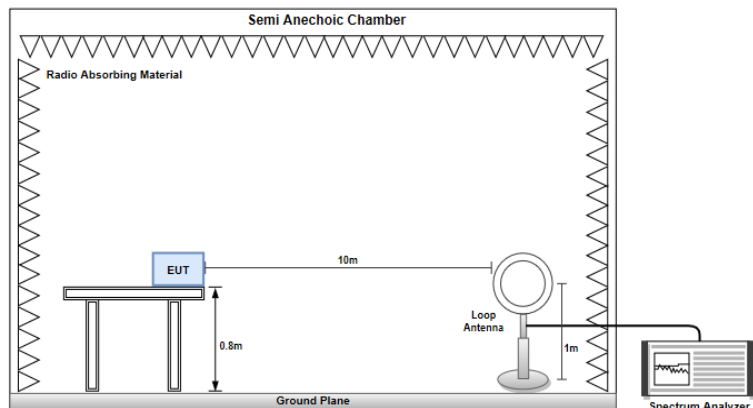
Frequency Range	Maximum Power	Measurement Bandwidth
30 MHz $\leq$ f $\leq$ 1 GHz	-57 dBm	100 kHz
1 GHz < f $\leq$ 26 GHz	-47 dBm	1 MHz

4.1.2 Test Procedures

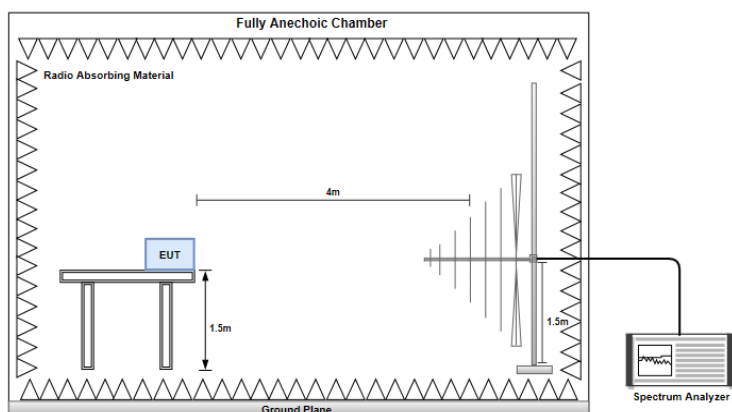
Reference to clause 5.4.7.2 of ETSI EN 301 893 V2.2.1 (2024-11)

4.1.3 Test Setup

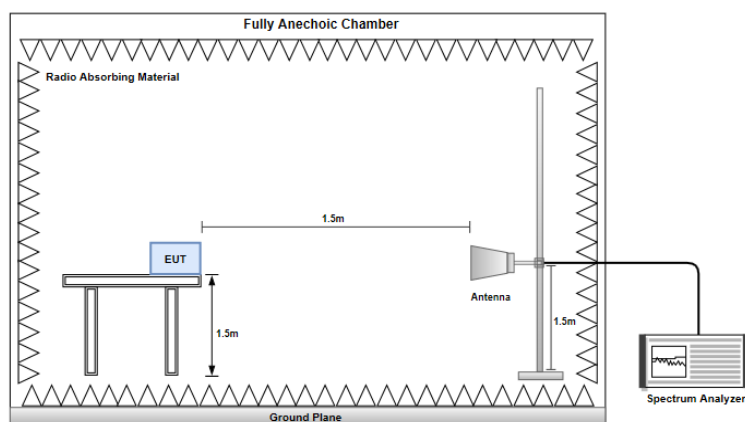
Below 30MHz



Below 1GHz



Above 1 GHz



4.1.4 Test Results

Refer to Appendix F.

5 Adaptivity Test Results

5.1 Adaptivity

5.1.1 Adaptivity Limit

Adaptivity Limit	
☐ Frame Based Equipment	
The EDT is proportional to the equipment's maximum configured RF output power and shall be:	
EDT: {	- 75 dBm/MHz for $P_{\max} \leq 18$ dBm - 80 dBm/MHz + (23 dBm - $P_{\max}$) for $18 \text{ dBm} < P_{\max} < 23$ dBm - 80 dBm/MHz for $P_{\max} \geq 23$ dBm
☒ Load Based Equipment	
The EDT is proportional to the equipment's maximum configured RF output power and shall be:	
EDT: {	- 75 dBm/MHz for $P_{\max} \leq 18$ dBm - 80 dBm/MHz + (23 dBm - $P_{\max}$) for $18 \text{ dBm} < P_{\max} < 23$ dBm - 80 dBm/MHz for $P_{\max} \geq 23$ dBm
☒ Short Control Signalling Transmissions:	
• within an observation period of 50 ms, the number of <i>Short Control Signalling Transmissions</i> by the equipment shall be equal to or less than 50; and • the total duration of the equipment's <i>Short Control Signalling Transmissions</i> shall be less than 2 500 μs within said observation period.	

☒ Channel Access Mechanism / Maximum Channel Occupancy Time(s) :
For Supervising Devices

Class	p_0	CW_{min}	CW_{max}	Maximum COT
4	1	3	7	2 ms
3	1	7	15	4 ms
2	3	15	63	6 ms (see Note 1 and 2)
1	7	15	1023	6 ms (see Note 1)

Note 1: The maximum COT of 6 ms may be increased to 8 ms by inserting one or more pauses. The minimum duration of a pause shall be 100 μ s. The maximum duration (channel occupancy) before including any such pause shall be 6 ms. Pause duration is not included in the COT.

Note 2: The maximum COT of 6 ms may be increased to 10 ms by extending CW to $CW \times 2 + 1$ when selecting the random number q for any backoff(s) that precede the channel occupancy that may exceed 6 ms or which follow the channel occupancy that exceeded 6 ms. The choice between preceding or following a channel occupancy shall remain unchanged during the operation time of the device.

Note 3: The values for p_0 , CW_{min} , CW_{max} are minimum values. Greater values are allowed

For Supervised Devices

Class	p_0	CW_{min}	CW_{max}	Maximum COT
4	2	3	7	2 ms
3	2	7	15	4 ms
2	3	15	1023	6 ms (see Note 1)
1	7	15	1023	6 ms (see Note 1)

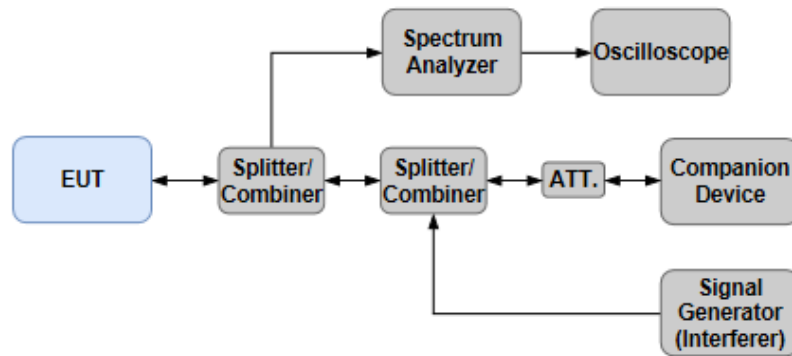
Note 1: The maximum COT of 6 ms may be increased to 8 ms by inserting one or more pauses. The minimum duration of a pause shall be 100 μ s. The maximum duration (channel occupancy) before including any such pause shall be 6 ms. Pause duration is not included in the COT

Note 2: The values for p_0 , CW_{min} , CW_{max} are minimum values. Greater values are allowed

5.1.2 Test Procedures

Reference to clause 5.4.9.3 of ETSI EN 301 893 V2.2.1 (2024-11)

5.1.3 Test Setup



5.1.4 Test Results

Ambient Condition	25°C / 65%	Tested By	Jack Li

Refer to Appendix G.

6 Receiver Blocking Test Results

6.1 Receiver Blocking

6.1.1 Limit of Receiver Blocking

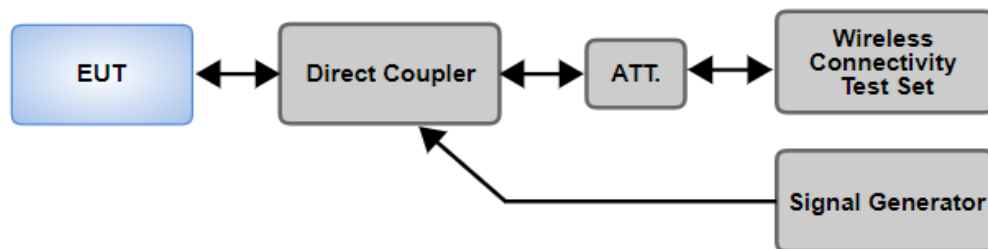
Receiver Blocking Parameters				
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)		Type of Blocking Signal
		Primary device or secondary device with radar detection	Secondary device without radar detection	
$P_{\min} + 6 \text{ dB}$	5 100	-53	-59	Continuous Wave
$P_{\min} + 6 \text{ dB}$	4 900 5 000 5 975	-47	-53	Continuous Wave

Note : $P_{\min}$ is the minimum level of the wanted signal (in dBm) required to meet the minimum performance criteria (The minimum performance criterion shall be a PER of less than or equal to 10 %) in the absence of any blocking signal.

6.1.2 Test Procedures

Reference to clause 5.4.10.2 of ETSI EN 301 893 V2.2.1 (2024-11)

6.1.3 Test Setup



6.1.4 Test Results

Ambient Condition	22.5°C / 64%	Tested By	Jack Li

Refer to Appendix H.

7 Adjacent Channel Selectivity Test Results

7.1 Adjacent Channel Selectivity

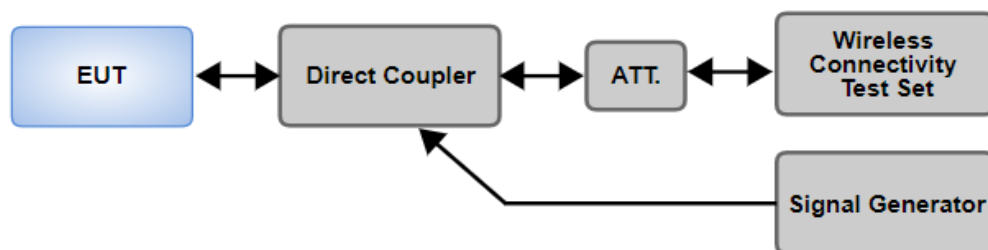
7.1.1 Limit of Adjacent Channel Selectivity

Wanted Signal Mean Power from Companion Device (dBm)	Interferer signal frequency offset range (MHz)	Interferer signal power (dBm) (see note 2)	Type of interferer signal
$P_{\min} + 10 \text{ dB}$	20 ± 0.2	$P_{\min} + 26 \text{ dB}$	Same as the wanted signal with an equivalent occupied bandwidth
Note 1 : $P_{\min}$ is the minimum level of the wanted signal (in dBm) required to meet the minimum performance criteria (The minimum performance criterion shall be a PER of less than or equal to 10 %) in the absence of any blocking signal. Note 2 : The level specified for the interferer signal applies at the lowest data rate.			

7.1.2 Test Procedures

Reference to clause 5.4.11.2 of ETSI EN 301 893 V2.2.1 (2024-11)

7.1.3 Test Setup



7.1.4 Test Results

Ambient Condition	22.5°C / 64%	Tested By	Jack Li

Refer to Appendix I.

8 User Access Restrictions Test Results

8.1 User Access Restrictions

8.1.1 Requirements of User Access Restrictions

The equipment shall be so constructed that settings (hardware and/or software) are not accessible to the user if changing those settings result in the equipment no longer being conformant to the following:

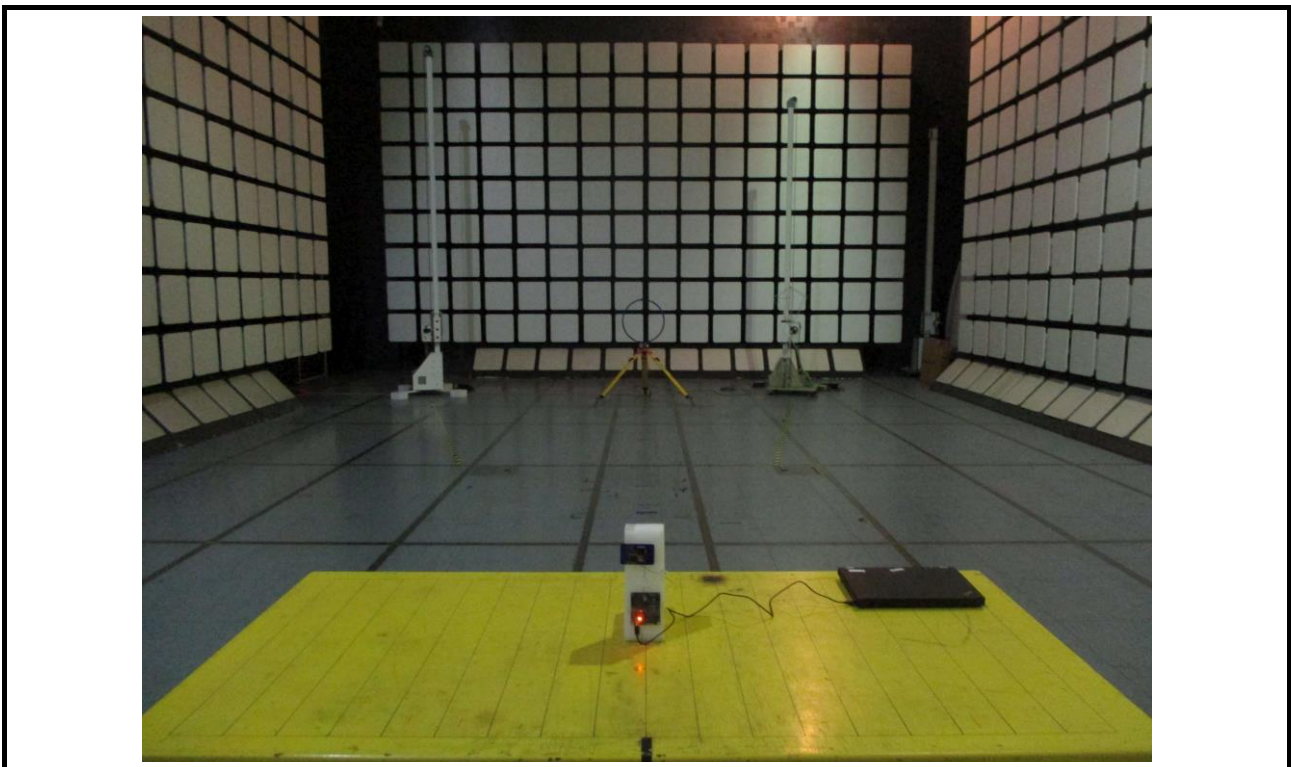
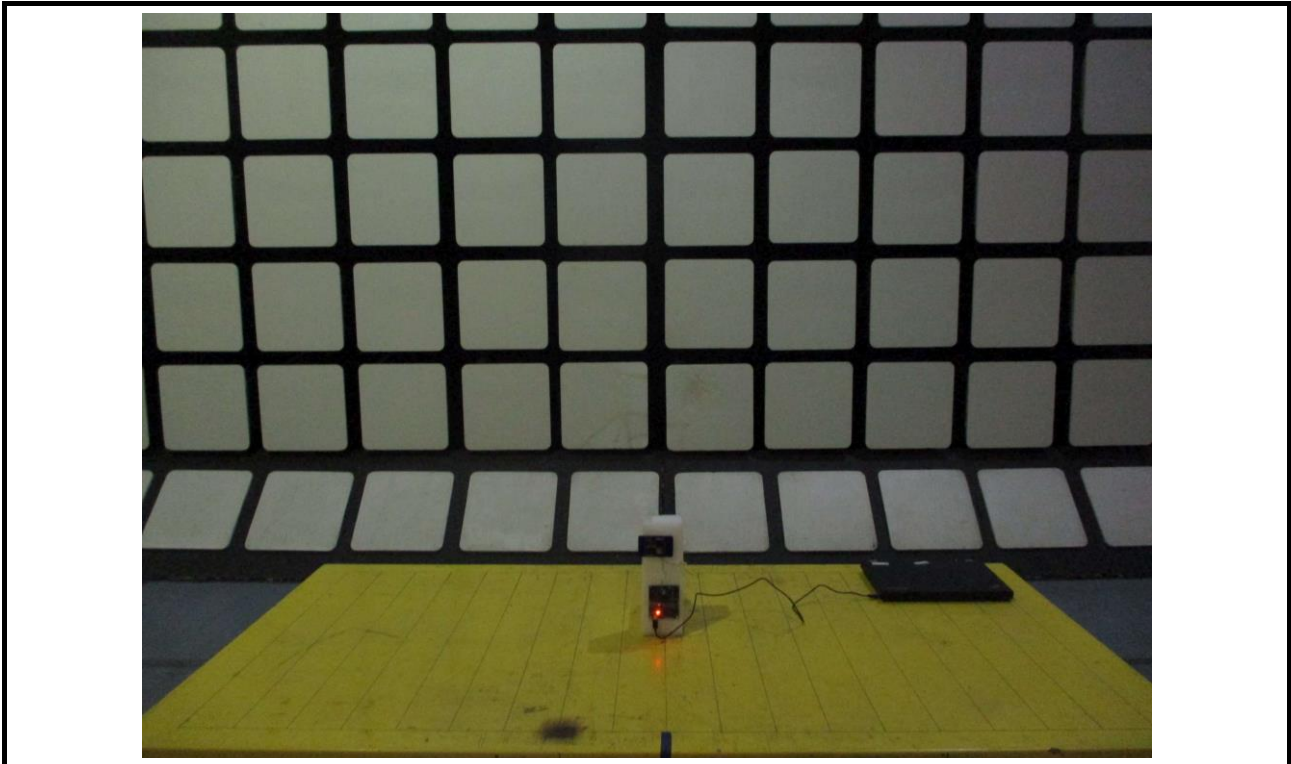
- The DFS requirements.
- The adaptivity requirements

8.1.2 Results

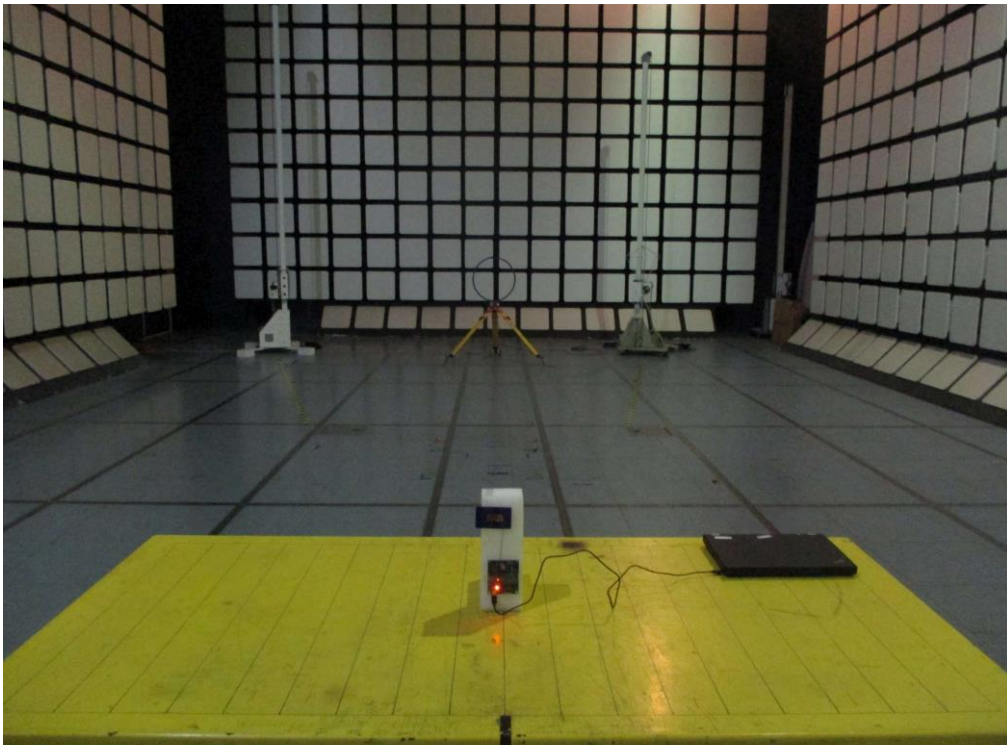
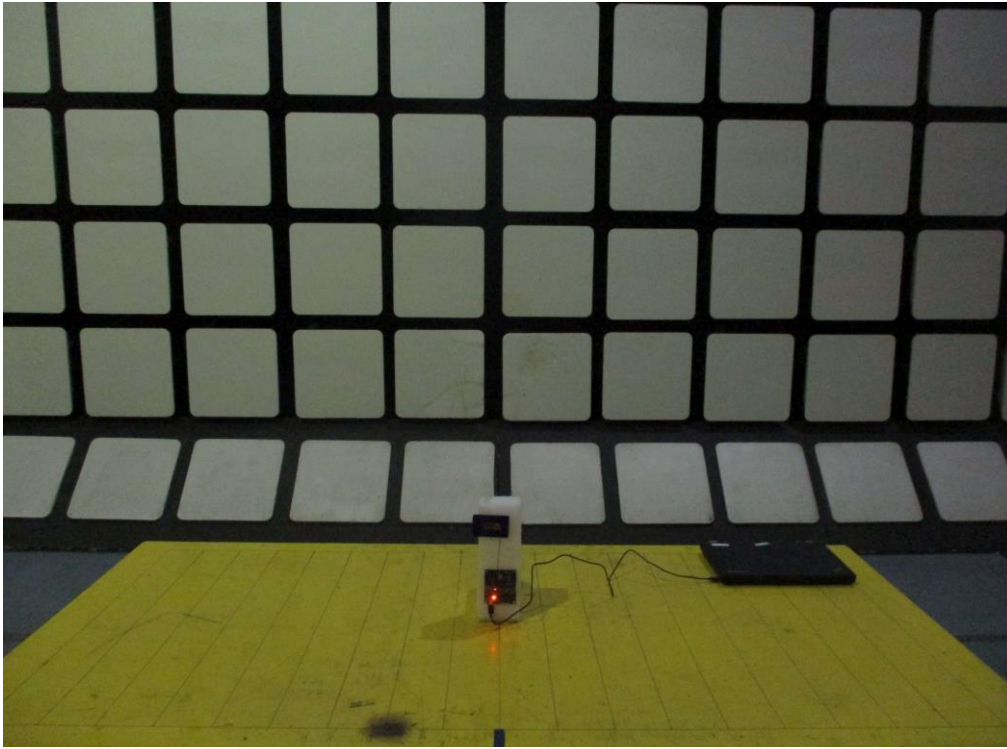
No settings of DFS and Adaptivity function are provided to user thus this requirement is met.

9 Photographs of the Test Configuration

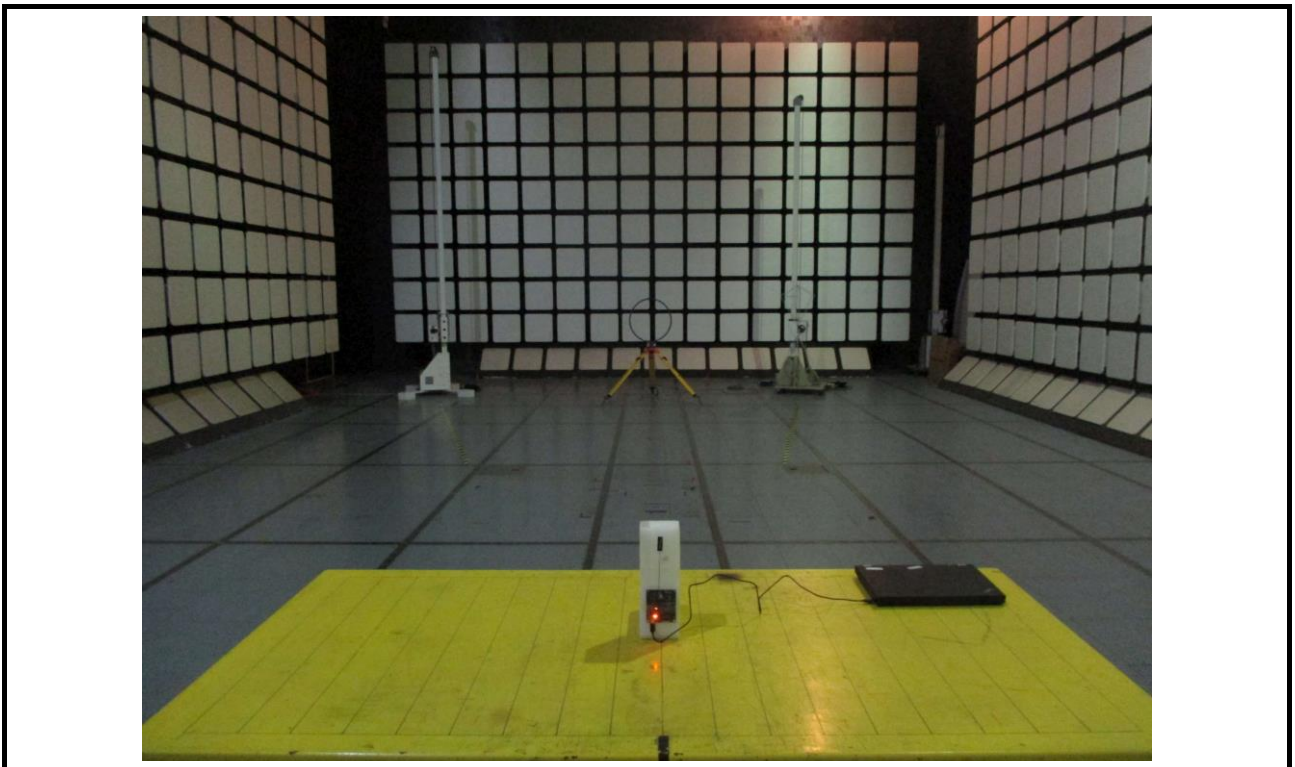
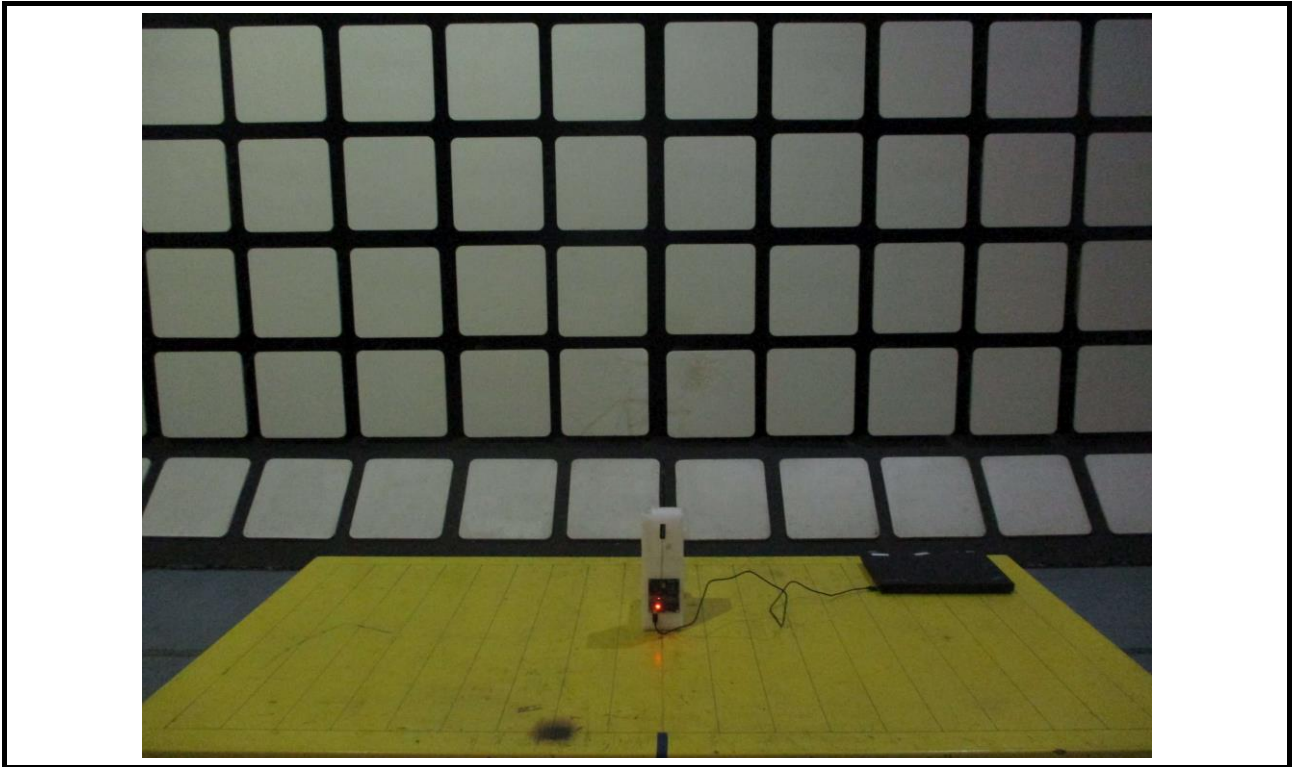
Spurious Emission below 30MHz Test (EFD2471A3S-10MH4L Antenna)



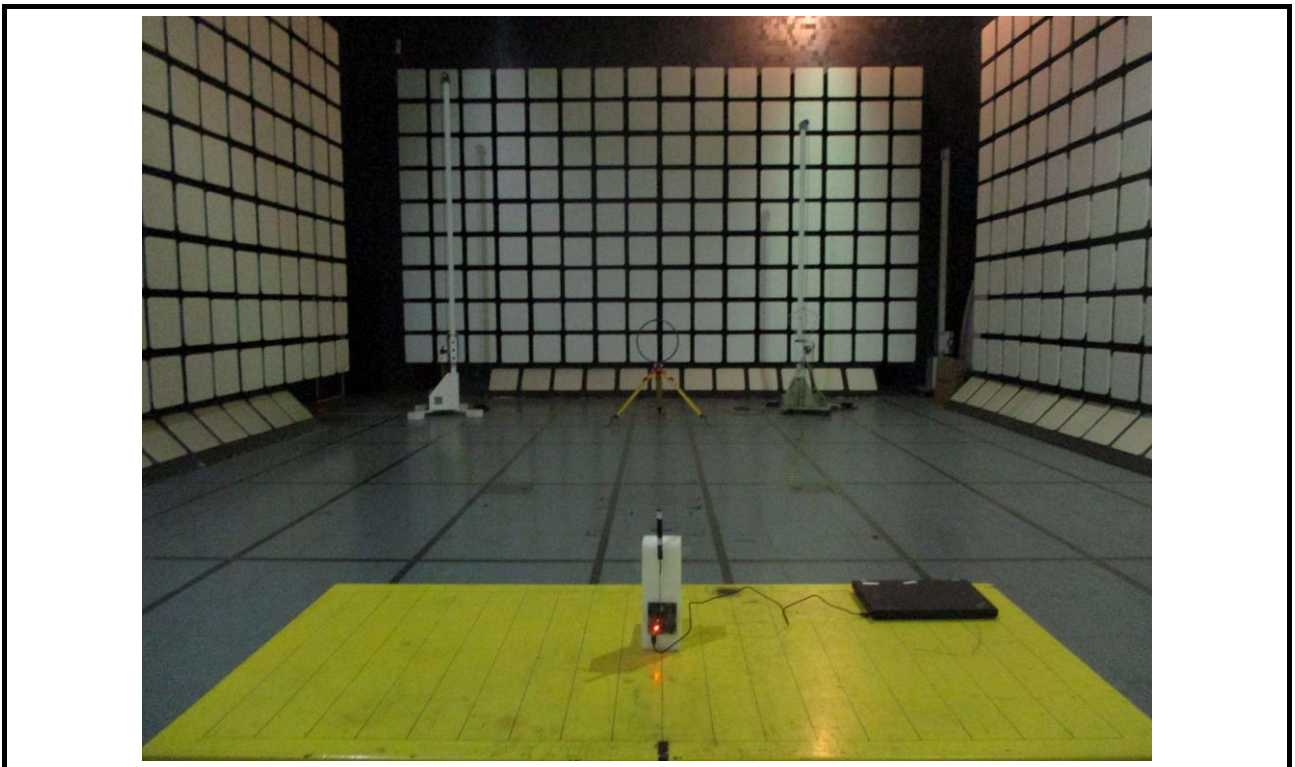
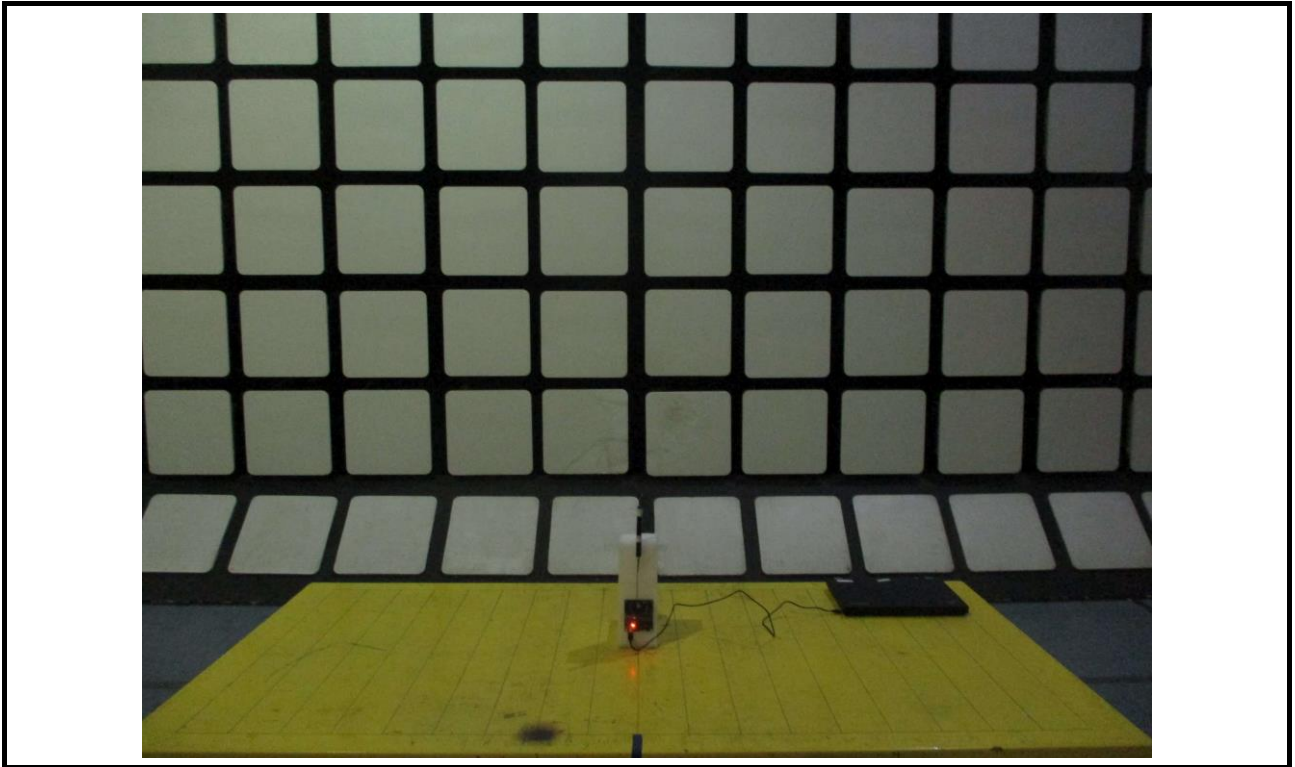
Spurious Emission below 30MHz Test (EFB2471A3S-10MH4L Antenna)



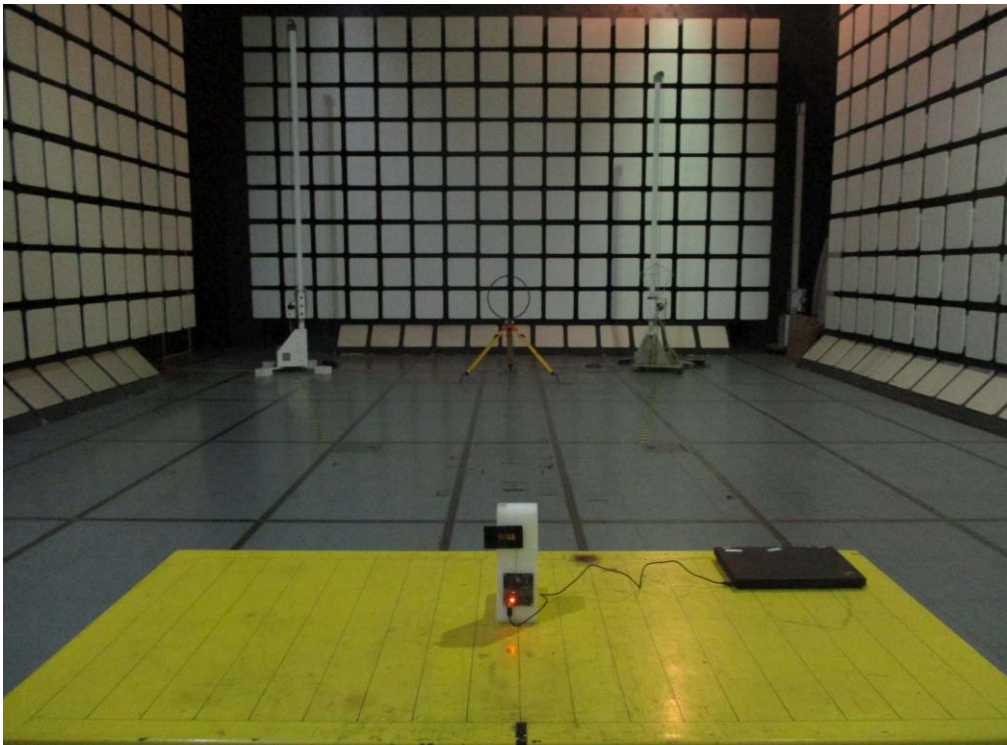
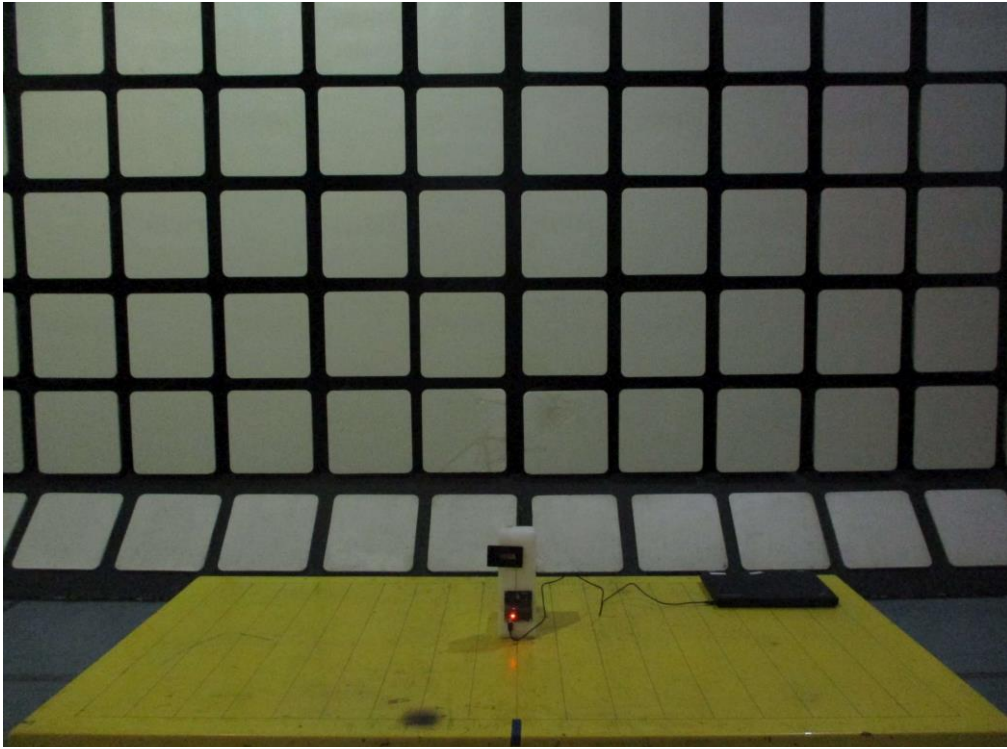
Spurious Emission below 30MHz Test (EMF2471A3S-10MH4L Antenna)



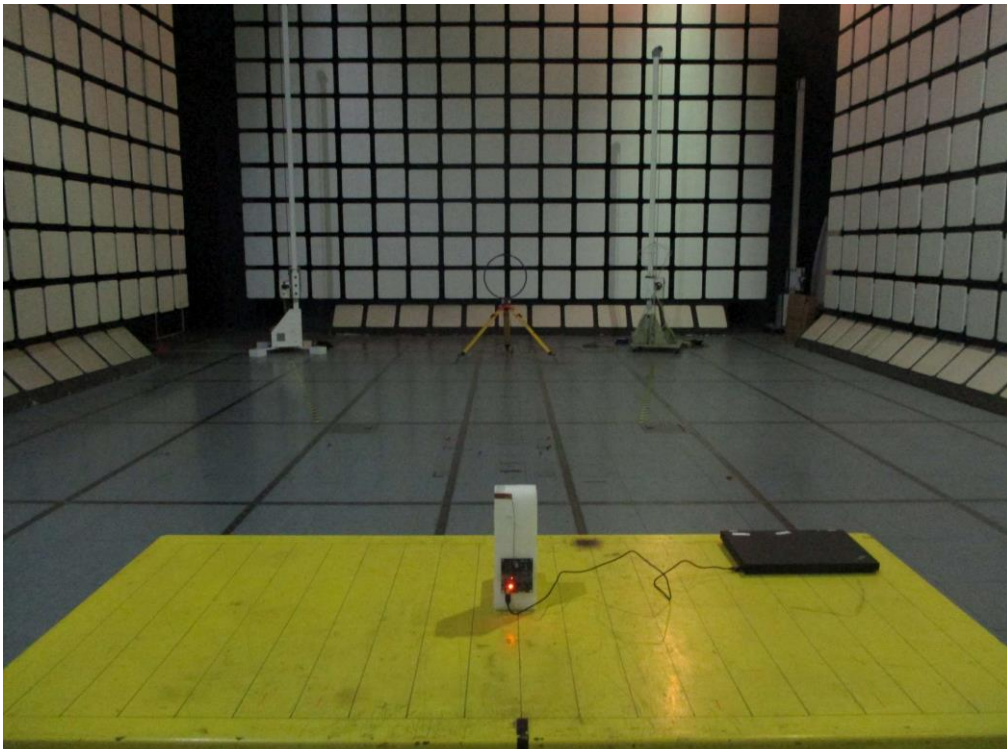
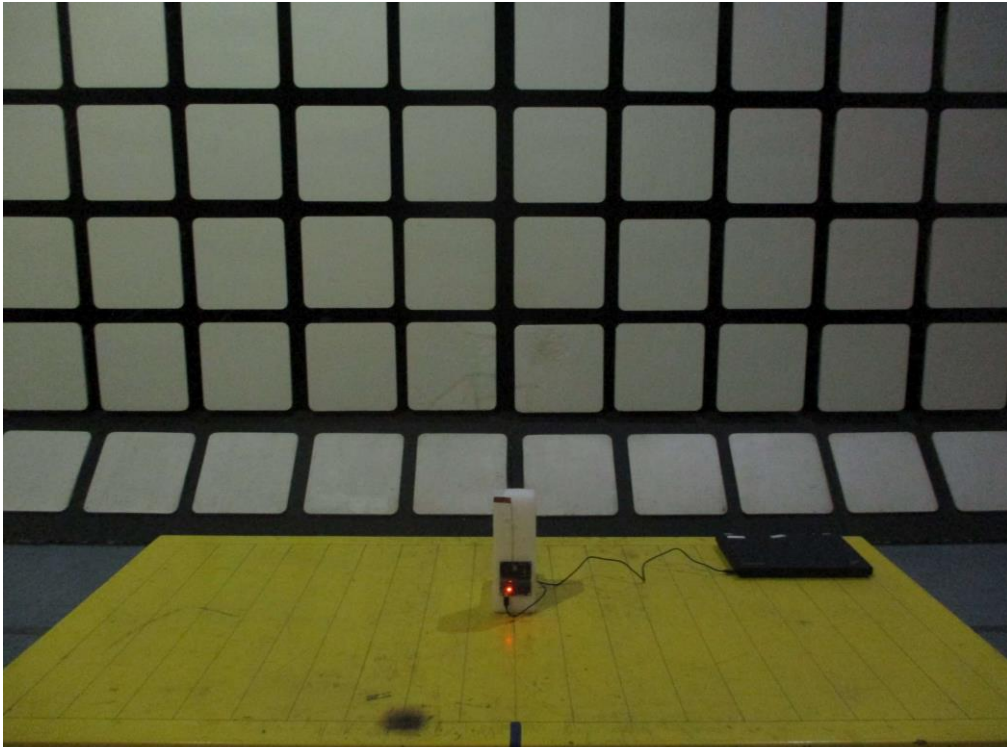
Spurious Emission below 30MHz Test (TWX-100BRS3B Antenna)



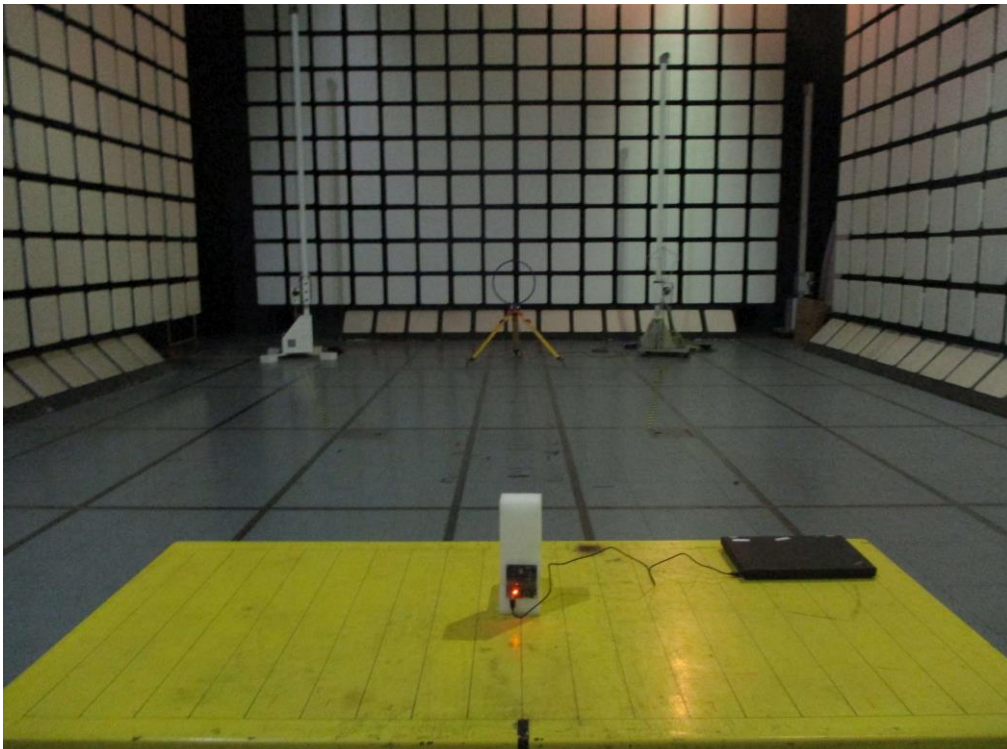
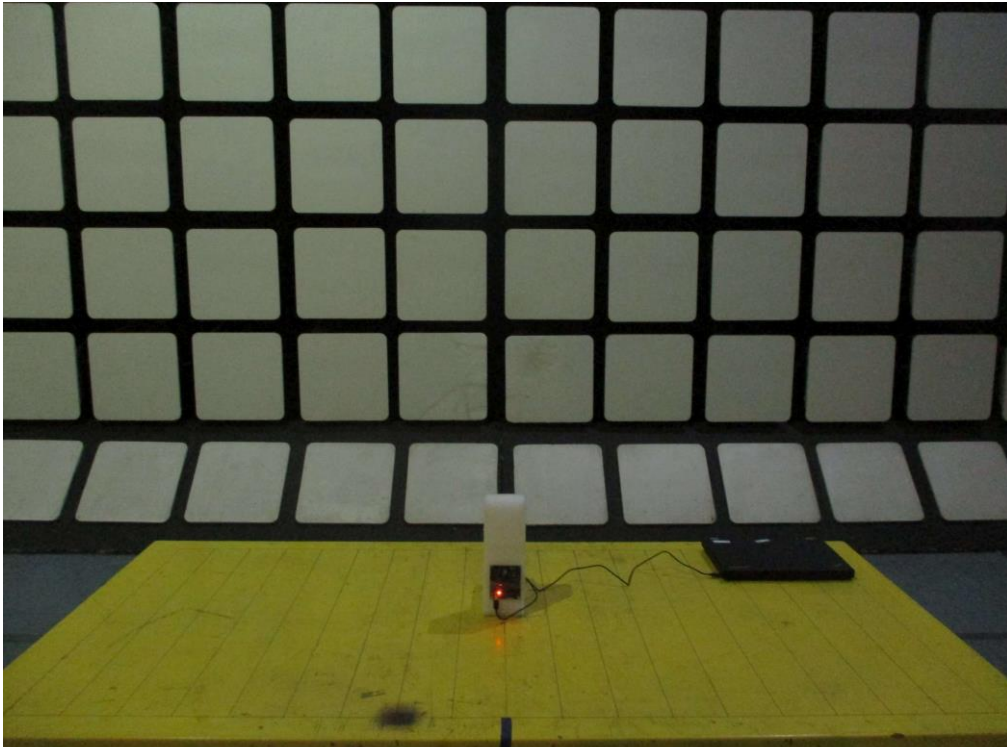
Spurious Emission below 30MHz Test (001-0021 Antenna)



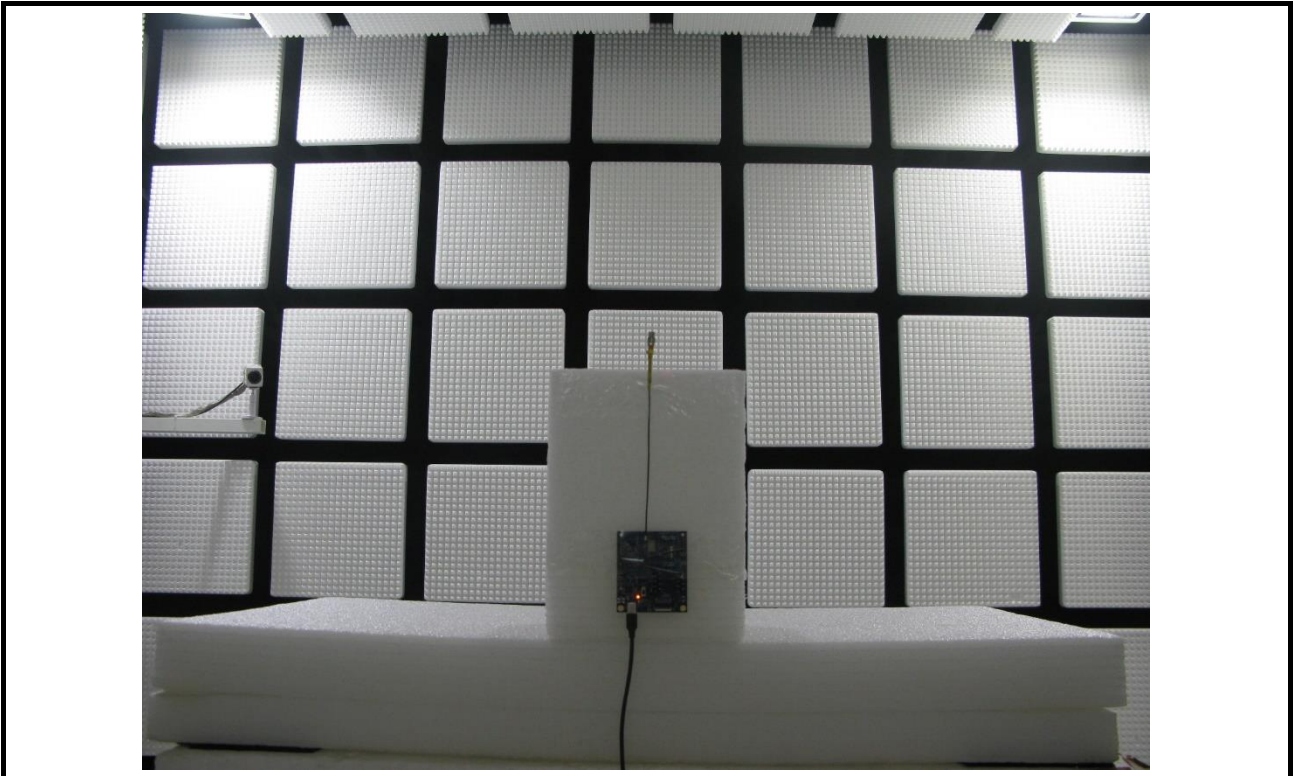
Spurious Emission below 30MHz Test (EFB2455A3S-15MH4L Antenna)



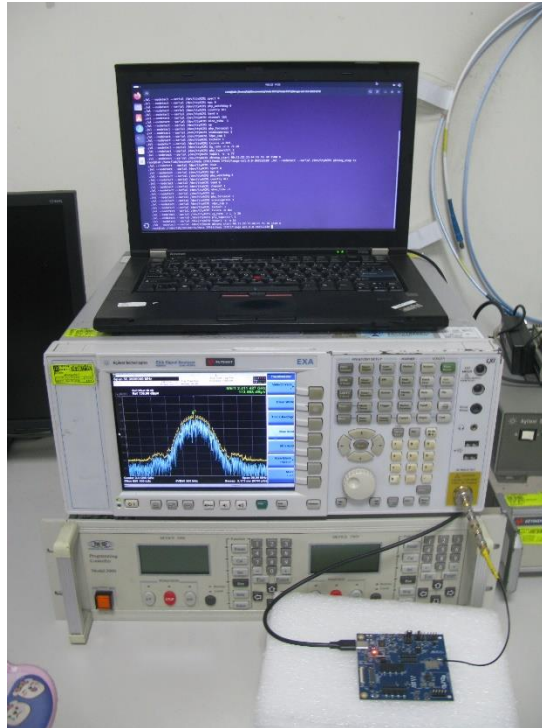
Spurious Emission below 30MHz Test (ANT1608LL14R2460A Antenna)



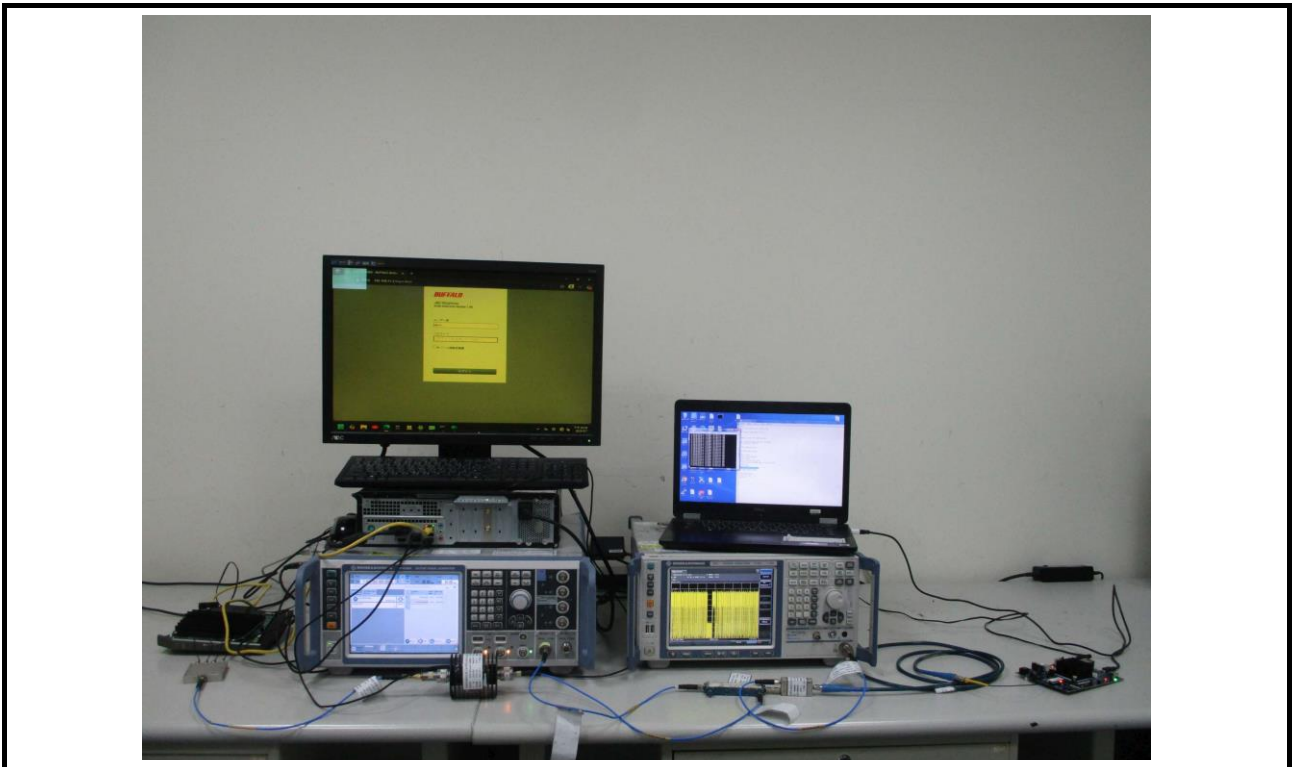
Spurious Emission above 30MHz Test (Radiated Test)



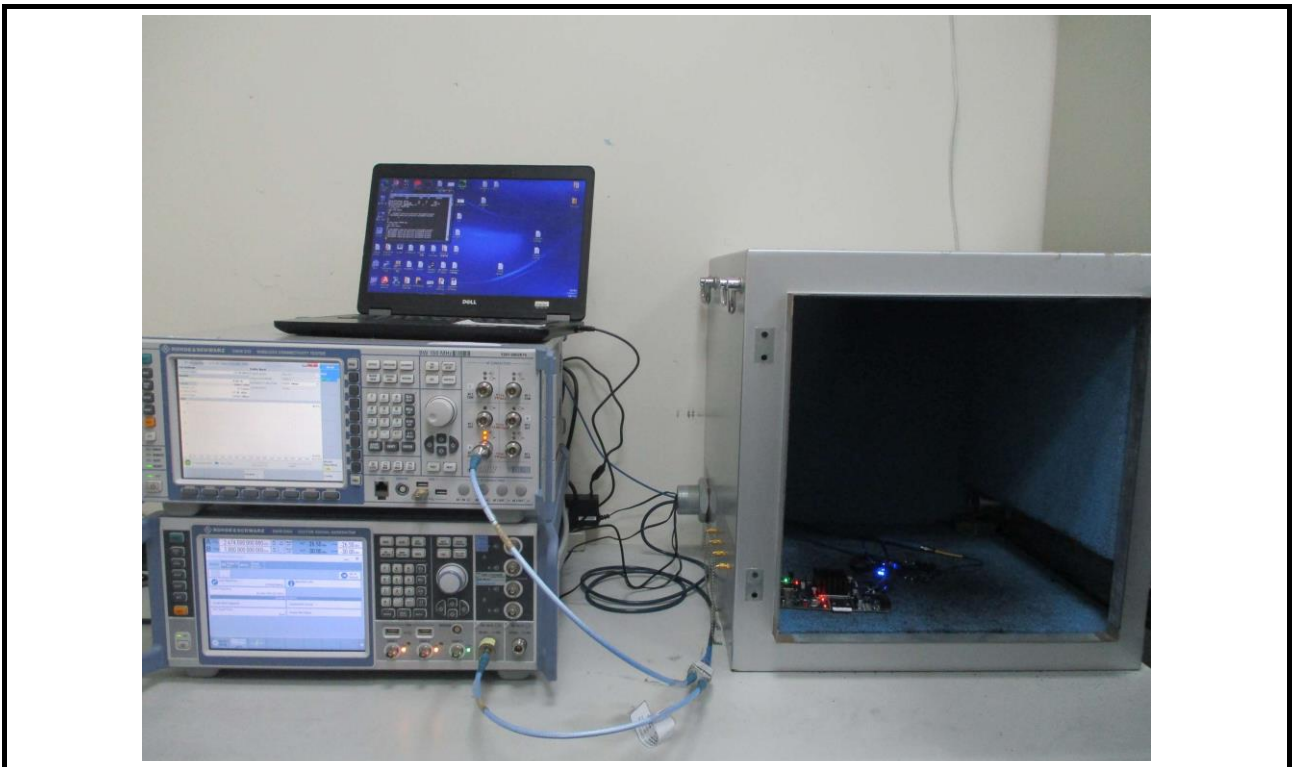
Spurious Emission above 30MHz Test (Conducted Test)



Adaptivity Test



Receiver Blocking Test



10 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

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District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

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St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

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St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Zhonghe

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District, New Taipei City 235045,
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If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
5.15-5.25GHz	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.18G	5.179933909G	12.7589	20	1
802.11ax HEW20_OFDMA_Nss1_1TX	Pass	5.18G	5.179933913G	12.7581	20	1
5.25-5.35GHz	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.32G	5.319932046G	12.7733	20	1
802.11ax HEW20_OFDMA_Nss1_1TX	Pass	5.32G	5.319932017G	12.7788	20	1
5.47-5.725GHz	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.7G	5.699927576G	12.706	20	1
802.11ax HEW20_OFDMA_Nss1_1TX	Pass	5.7G	5.699927593G	12.703	20	1

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz_Tnom	Pass	5.18G	5.179962672G	7.2062	20	1
5180MHz_Tmin	Pass	5.18G	5.179933909G	12.7589	20	1
5180MHz_Tmax	Pass	5.18G	5.180020694G	3.995	20	1
5320MHz_Tnom	Pass	5.32G	5.319961662G	7.2064	20	1
5320MHz_Tmin	Pass	5.32G	5.319932046G	12.7733	20	1
5320MHz_Tmax	Pass	5.32G	5.32002125G	3.9944	20	1
5700MHz_Tnom	Pass	5.7G	5.699958936G	7.2042	20	1
5700MHz_Tmin	Pass	5.7G	5.699927576G	12.706	20	1
5700MHz_Tmax	Pass	5.7G	5.700022952G	4.0267	20	1
802.11ax HEW20_OFDMA_Nss1_1TX	-	-	-	-	-	-
5180MHz_Tnom	Pass	5.18G	5.179962639G	7.2125	20	1
5180MHz_Tmin	Pass	5.18G	5.179933913G	12.7581	20	1
5180MHz_Tmax	Pass	5.18G	5.1800207G	3.9961	20	1
5320MHz_Tnom	Pass	5.32G	5.319961676G	7.2038	20	1
5320MHz_Tmin	Pass	5.32G	5.319932017G	12.7788	20	1
5320MHz_Tmax	Pass	5.32G	5.320021242G	3.9929	20	1
5700MHz_Tnom	Pass	5.7G	5.699958901G	7.2104	20	1
5700MHz_Tmin	Pass	5.7G	5.699927593G	12.703	20	1
5700MHz_Tmax	Pass	5.7G	5.700022964G	4.0288	20	1

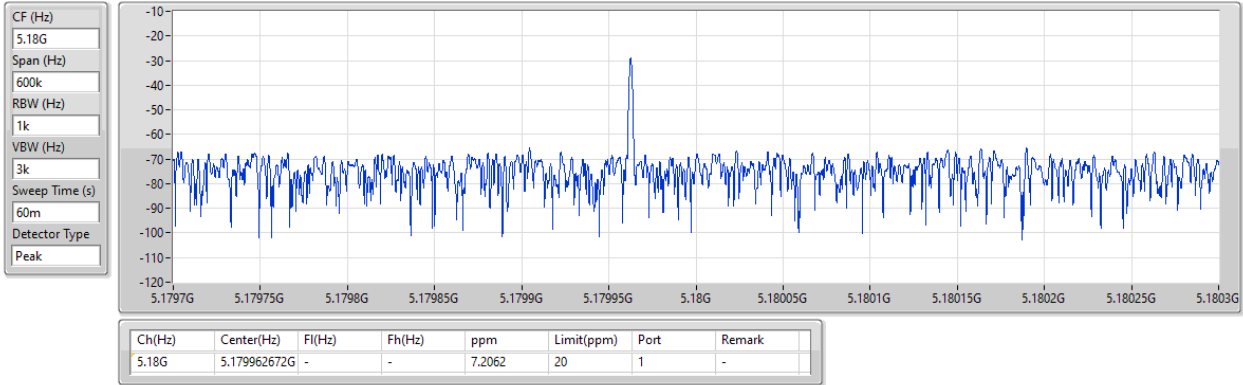


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5180MHz_Tnom

12/03/2026

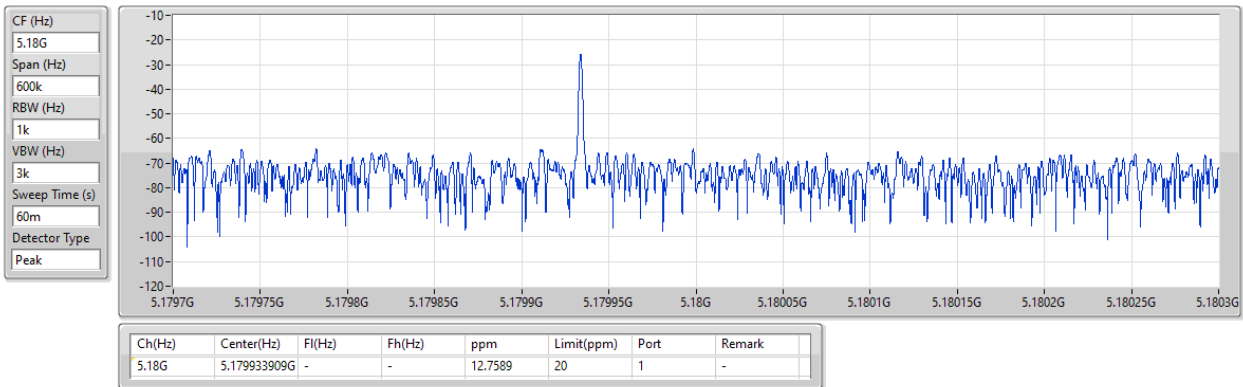


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5180MHz_Tmin

12/03/2026

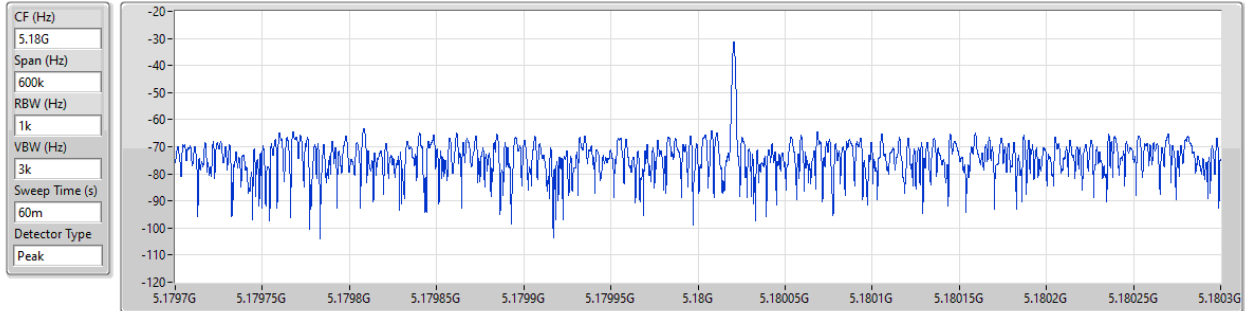


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5180MHz_Tmax

12/03/2026



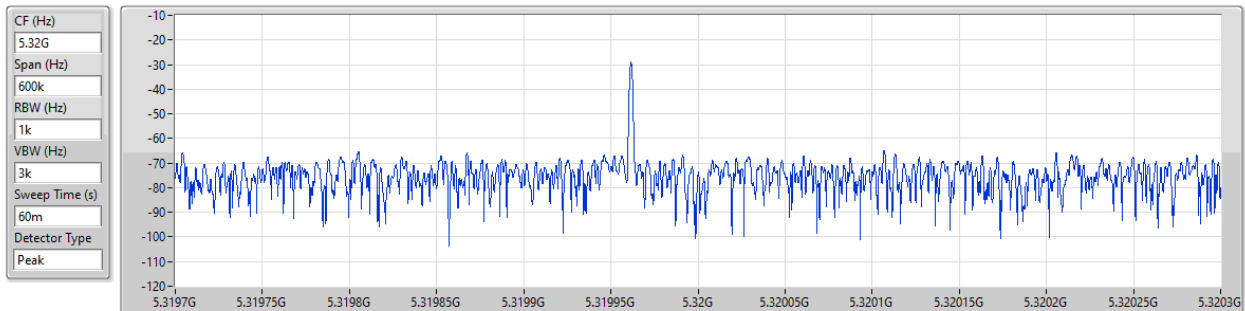
Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.18G	5.180020694G	-	-	3.995	20	1	-

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5320MHz_Tnom

12/03/2026



Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.319961662G	-	-	7.2064	20	1	-

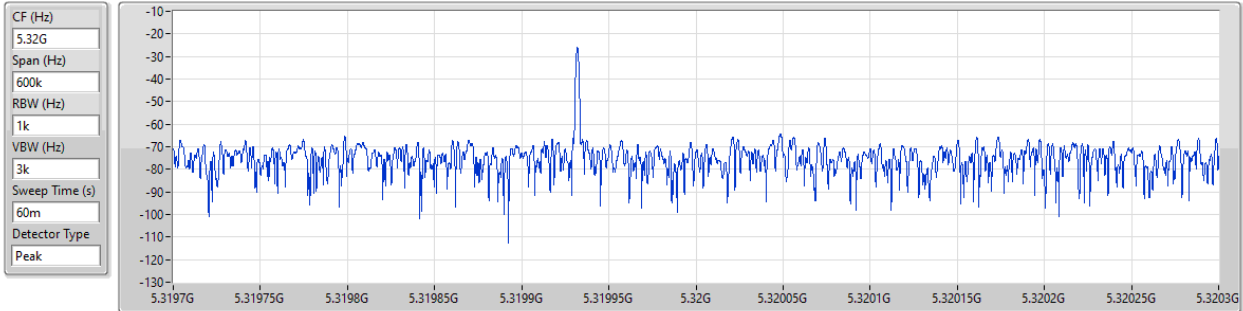


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5320MHz_Tmin

12/03/2026



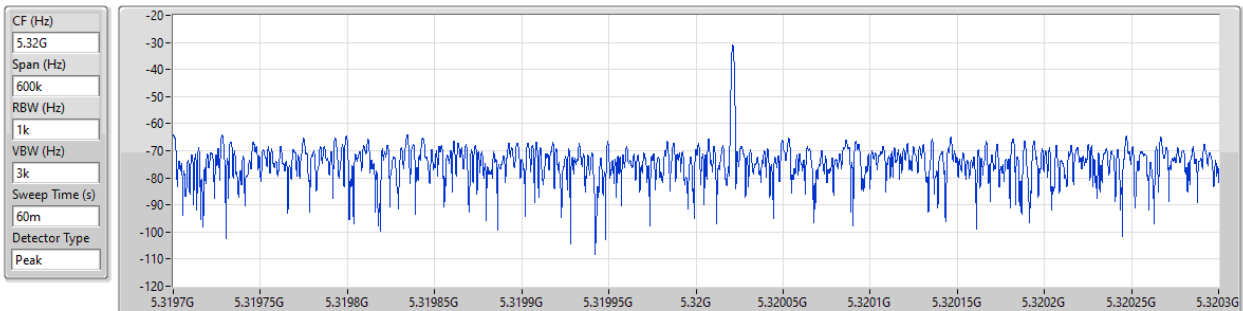
Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.319932046G	-	-	12.7733	20	1	-

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5320MHz_Tmax

12/03/2026



Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.32002125G	-	-	3.9944	20	1	-

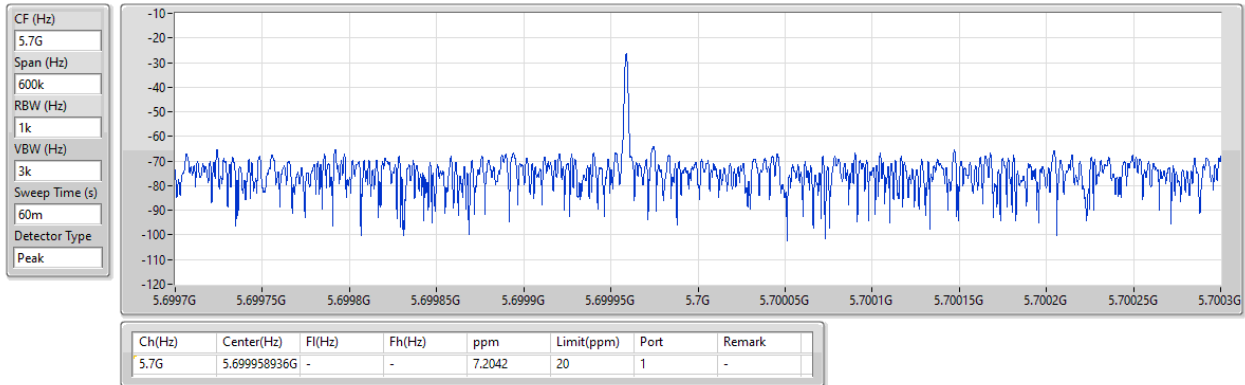


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5700MHz_Tnom

12/03/2026

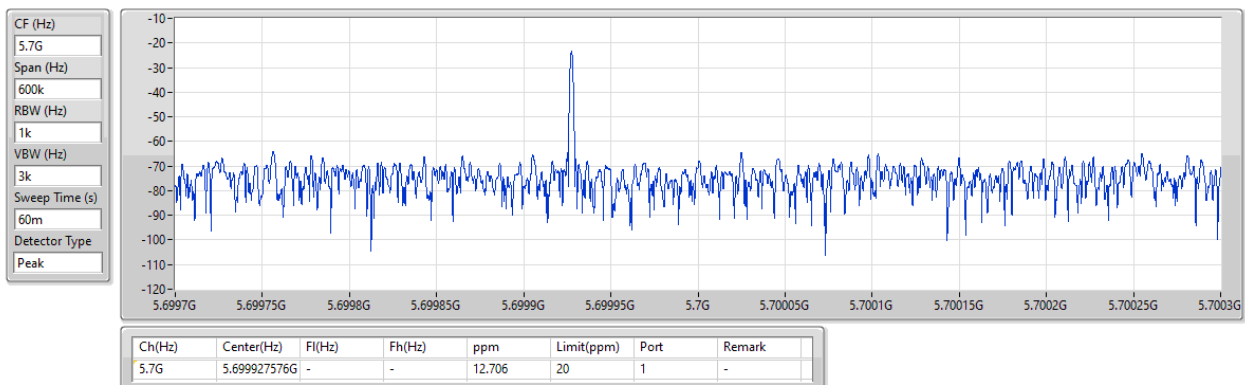


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5700MHz_Tmin

12/03/2026



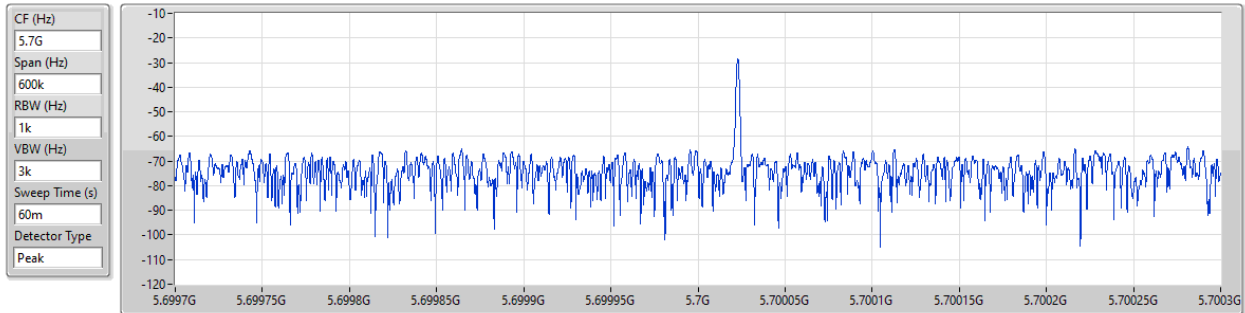


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

Freq. Stability

5700MHz_Tmax

12/03/2026



Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.7G	5.700022952G	-	-	4.0267	20	1	-

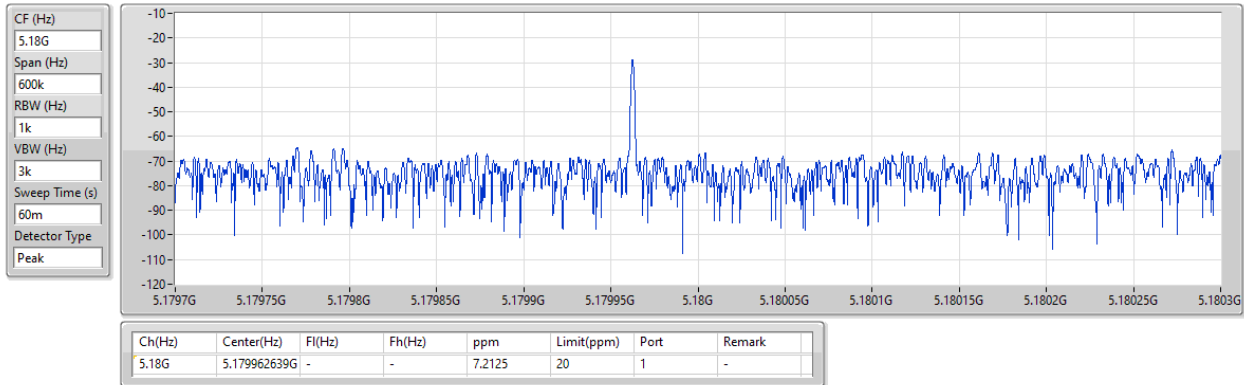


5.15-5.25GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5180MHz_Tnom

12/03/2026

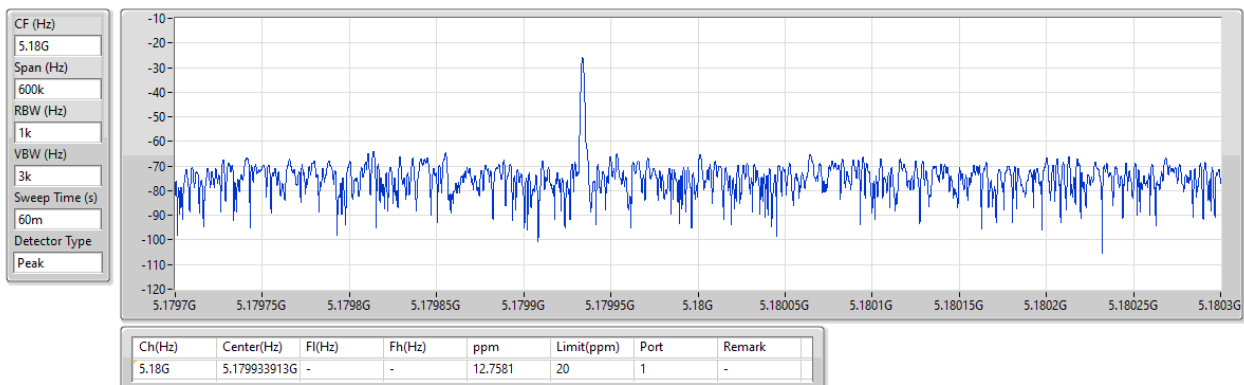


5.15-5.25GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5180MHz_Tmin

12/03/2026



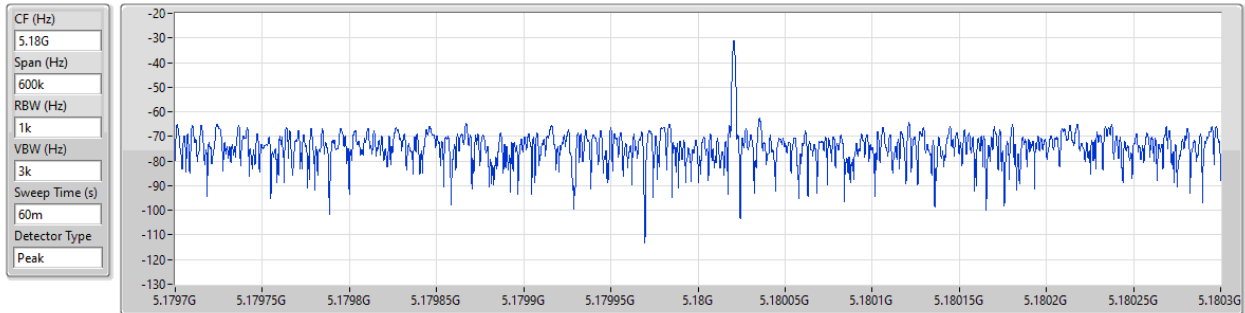


5.15-5.25GHz_802.11ax HEW20_Nss1_1TX

Freq. Stability

5180MHz_Tmax

12/03/2026



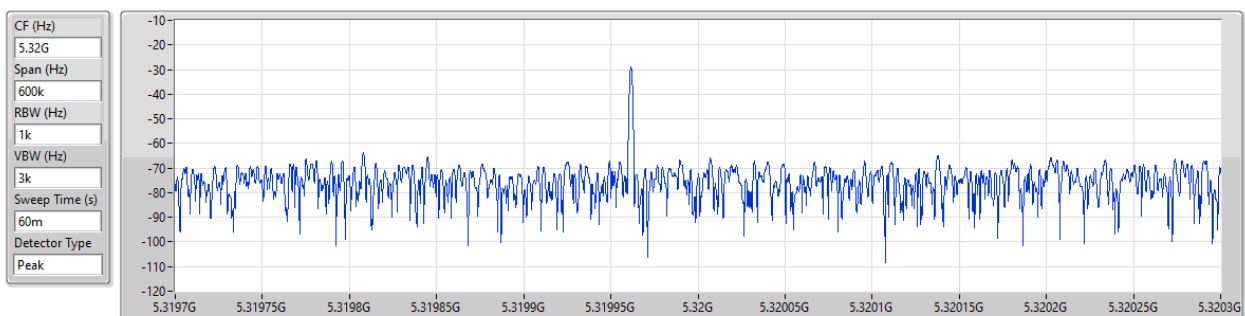
Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.18G	5.1800207G	-	-	3.9961	20	1	-

5.25-5.35GHz_802.11ax HEW20_Nss1_1TX

Freq. Stability

5320MHz_Tnom

12/03/2026



Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.319961676G	-	-	7.2038	20	1	-

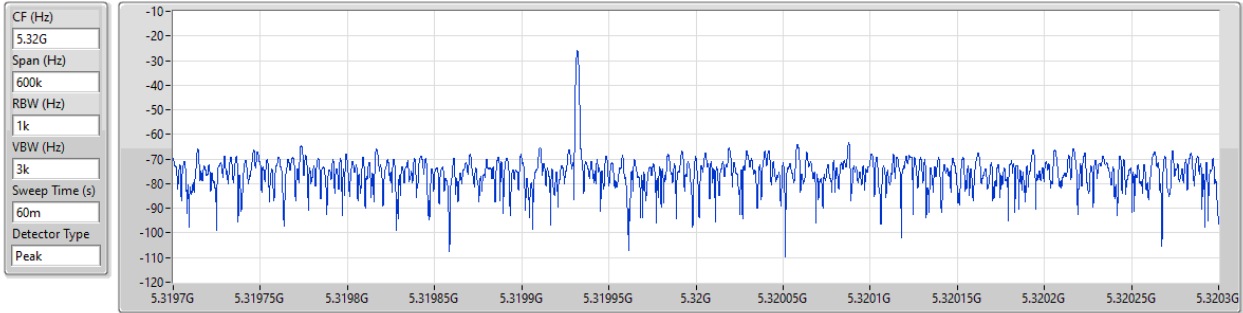


5.25-5.35GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5320MHz_Tmin

12/03/2026



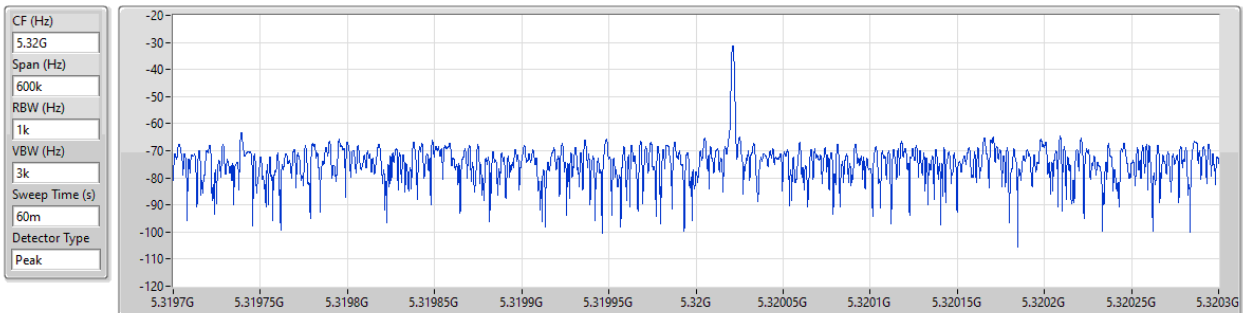
Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.319932017G	-	-	12.7788	20	1	-

5.25-5.35GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5320MHz_Tmax

12/03/2026



Ch(Hz)	Center(Hz)	Ff(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.32G	5.320021242G	-	-	3.9929	20	1	-

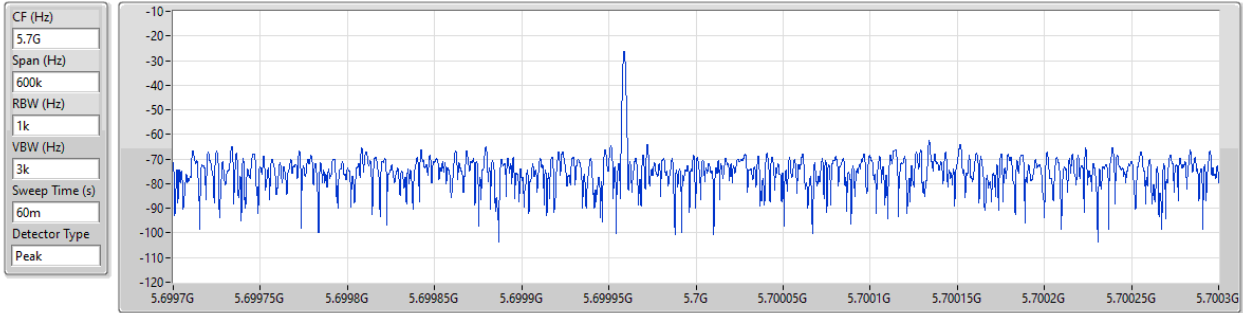


5.47-5.725GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5700MHz_Tnom

12/03/2026



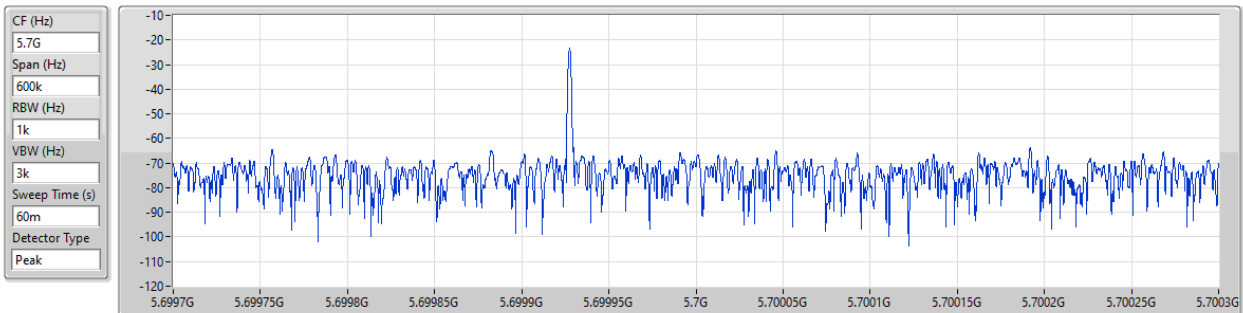
Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.7G	5.699958901G	-	-	7.2104	20	1	-

5.47-5.725GHz_802.11ax_HEW20_Nss1_1TX

Freq. Stability

5700MHz_Tmin

12/03/2026



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.7G	5.699927593G	-	-	12.703	20	1	-

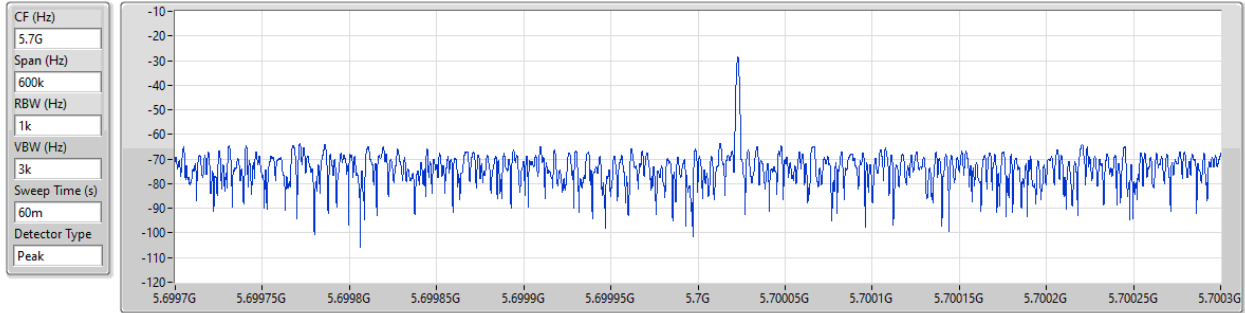


5.47-5.725GHz_802.11ax HEW20_Nss1_1TX

Freq. Stability

5700MHz_Tmax

12/03/2026



Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.7G	5.700022964G	-	-	4.0288	20	1	-

Summary

Mode	OBW (Hz)	ITU-Code
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.439M	16M4D1D
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	18.92M	18M9D1D
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.427M	16M4D1D
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	18.922M	18M9D1D
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.424M	16M4D1D
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	18.931M	18M9D1D

OBW = 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	fl-OBW (Hz)	fh-OBW (Hz)	OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	0~20M	5.171737G	5.188177G	16.439M
5320MHz_Tnom	Pass	16M~20M	5.311736G	5.328163G	16.427M
5700MHz_Tnom	Pass	16M~20M	5.691732G	5.708155G	16.423M
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	0~20M	5.170483G	5.189403G	18.92M
5320MHz_Tnom	Pass	16M~20M	5.310479G	5.329401G	18.922M
5700MHz_Tnom	Pass	16M~20M	5.690483G	5.709395G	18.912M

fl-OBW = fl lower edge 99% occupied bandwidth; fh-OBW = fh higher edge 99% occupied bandwidth; OBW = 99% occupied bandwidth;
N dB = 6dB down bandwidth

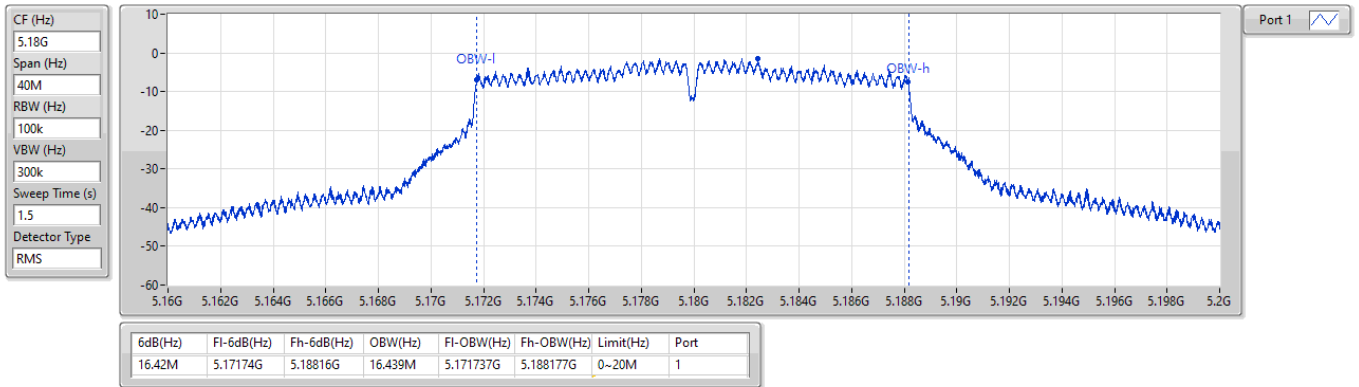


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5180MHz

17/02/2026

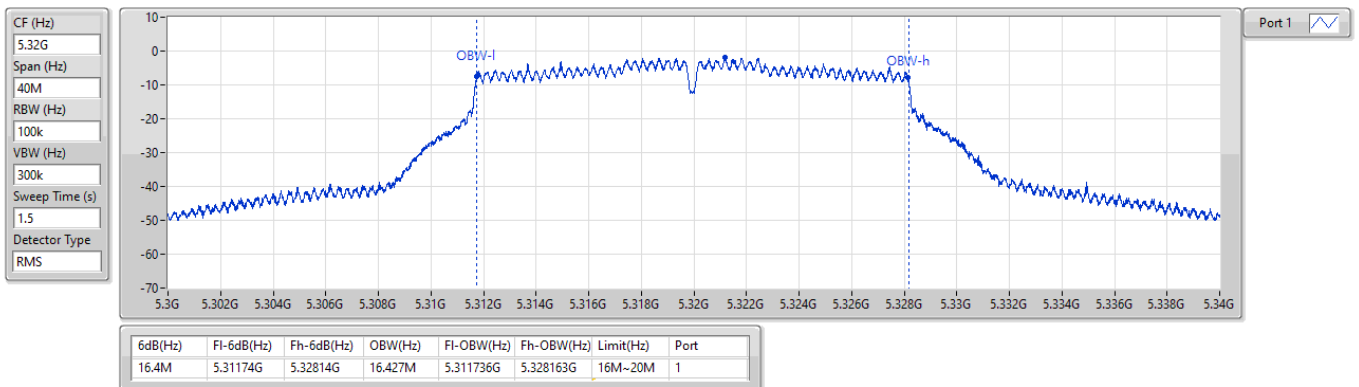


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

17/02/2026



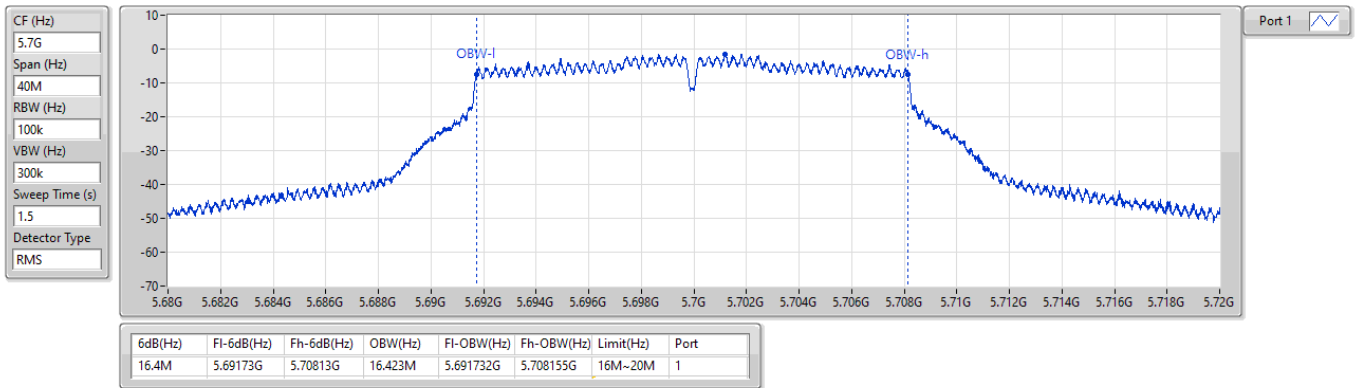


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

17/02/2026

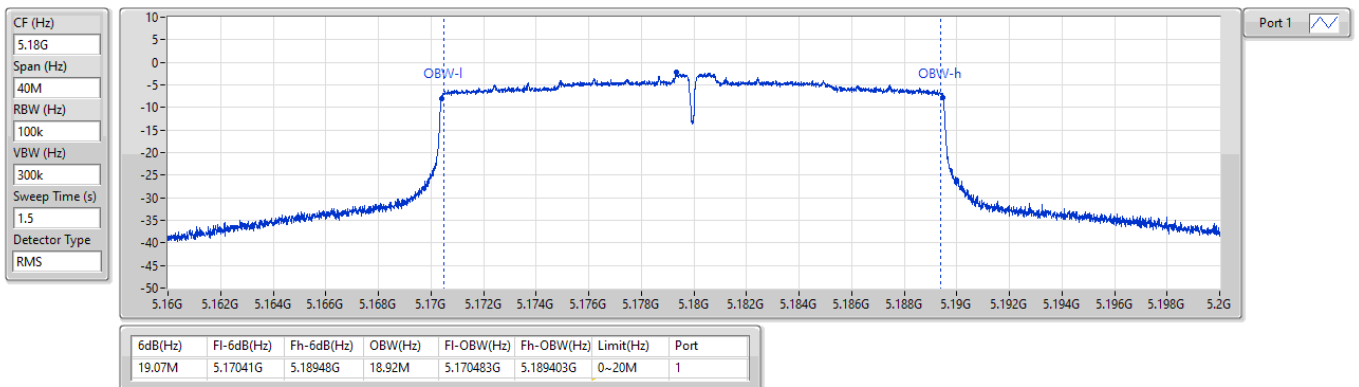


5.15-5.25GHz_802.11ax_HEW20_OFDMA_Nss1,(MCS0)_1TX

EBW

5180MHz

17/02/2026



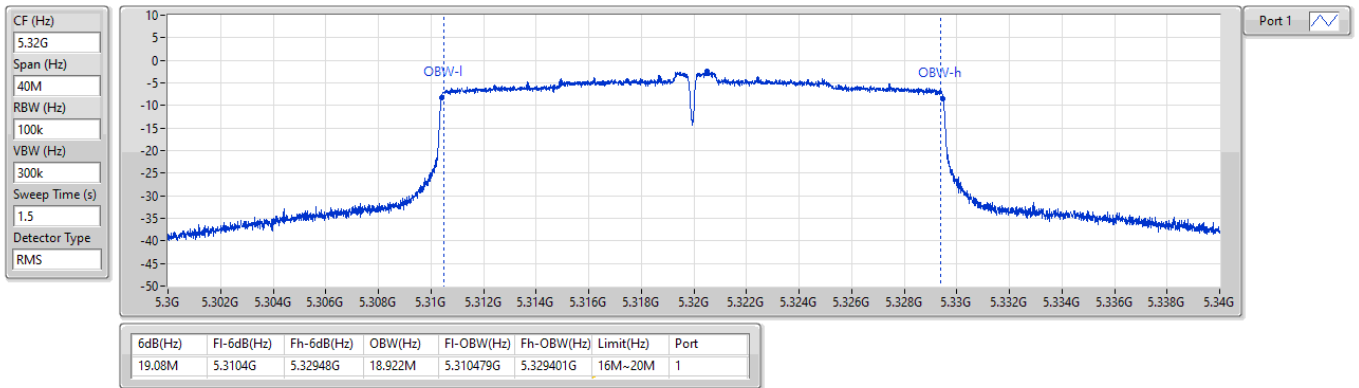


5.25-5.35GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

EBW

5320MHz

17/02/2026

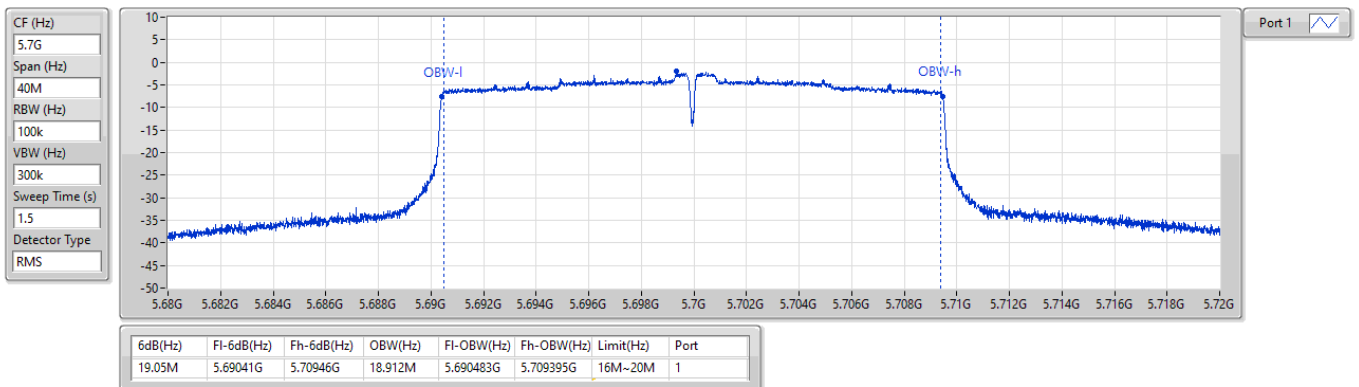


5.47-5.725GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

EBW

5700MHz

17/02/2026



**full RU configuration****RF Output Power at the Highest Power**

EIRP (dBm)				
Condition	Freq. (MHz)	802.11a	Limit (dBm)	Results
TnomVnom	5180	20.23	23	Pass
TminVnom	5180	20.73	23	Pass
TmaxVnom	5180	20.16	23	Pass
TnomVnom	5240	20.06	23	Pass
TminVnom	5240	20.41	23	Pass
TmaxVnom	5240	19.82	23	Pass
TnomVnom	5260	20.07	23	Pass
TminVnom	5260	20.54	23	Pass
TmaxVnom	5260	19.99	23	Pass
TnomVnom	5320	20.15	23	Pass
TminVnom	5320	20.50	23	Pass
TmaxVnom	5320	19.94	23	Pass
TnomVnom	5500	20.05	30	Pass
TminVnom	5500	20.66	30	Pass
TmaxVnom	5500	19.70	30	Pass
TnomVnom	5700	20.25	30	Pass
TminVnom	5700	20.77	30	Pass
TmaxVnom	5700	20.02	30	Pass

EIRP (dBm)				
Condition	Freq. (MHz)	ax HE20_OFDMA	Limit (dBm)	Results
TnomVnom	5180	20.76	23	Pass
TminVnom	5180	21.16	23	Pass
TmaxVnom	5180	20.71	23	Pass
TnomVnom	5240	20.79	23	Pass
TminVnom	5240	21.23	23	Pass
TmaxVnom	5240	20.63	23	Pass
TnomVnom	5260	20.65	23	Pass
TminVnom	5260	21.18	23	Pass
TmaxVnom	5260	20.47	23	Pass
TnomVnom	5320	20.79	23	Pass
TminVnom	5320	21.14	23	Pass
TmaxVnom	5320	20.60	23	Pass
TnomVnom	5500	20.63	30	Pass
TminVnom	5500	21.30	30	Pass
TmaxVnom	5500	20.35	30	Pass
TnomVnom	5700	20.69	30	Pass
TminVnom	5700	21.07	30	Pass
TmaxVnom	5700	20.29	30	Pass

RF Output Power at the Lowest Power

EIRP (dBm)				
Condition	Freq. (MHz)	802.11a	Limit (dBm)	Results
TminVnom	5260	14.07	17	Pass
TminVnom	5260	14.54	17	Pass
TmaxVnom	5260	13.99	17	Pass
TminVnom	5320	14.15	17	Pass
TminVnom	5320	14.50	17	Pass
TmaxVnom	5320	13.94	17	Pass
TnomVnom	5500	14.05	24	Pass
TminVnom	5500	14.66	24	Pass
TmaxVnom	5500	13.70	24	Pass
TnomVnom	5700	14.25	24	Pass
TminVnom	5700	14.77	24	Pass
TmaxVnom	5700	14.02	24	Pass

EIRP (dBm)				
Condition	Freq. (MHz)	錯誤! 找不到參照來源。	Limit (dBm)	Results
TminVnom	5260	14.65	17	Pass
TminVnom	5260	15.18	17	Pass
TmaxVnom	5260	14.47	17	Pass
TnomVnom	5320	14.79	17	Pass
TminVnom	5320	15.14	17	Pass
TmaxVnom	5320	14.60	17	Pass
TnomVnom	5500	14.63	24	Pass
TminVnom	5500	15.30	24	Pass
TmaxVnom	5500	14.35	24	Pass
TnomVnom	5700	14.69	24	Pass
TminVnom	5700	15.07	24	Pass
TmaxVnom	5700	14.29	24	Pass

partial RU configuration

RF Output Power at the Highest Power

EIRP (dBm)						
Condition	Freq. (MHz)	HE20_OFDMA RU26	HE20_OFDMA RU52	HE20_OFDMA RU106	Limit (dBm)	Results
TnomVnom	5180	12.76	15.82	18.59	23	Pass
TminVnom	5180	13.20	16.34	19.05	23	Pass
TmaxVnom	5180	12.38	15.56	18.44	23	Pass
TnomVnom	5240	12.82	15.74	18.67	23	Pass
TminVnom	5240	12.96	16.36	19.42	23	Pass
TmaxVnom	5240	12.34	15.26	18.32	23	Pass
TnomVnom	5260	12.81	15.69	18.67	23	Pass
TminVnom	5260	13.72	16.61	19.44	23	Pass
TmaxVnom	5260	12.18	15.29	18.31	23	Pass
TnomVnom	5320	12.96	15.76	18.47	23	Pass
TminVnom	5320	13.69	16.71	19.11	23	Pass
TmaxVnom	5320	12.61	15.30	18.05	23	Pass
TnomVnom	5500	12.99	15.64	18.26	30	Pass
TminVnom	5500	14.07	16.32	18.97	30	Pass
TmaxVnom	5500	12.66	15.13	18.09	30	Pass
TnomVnom	5700	12.82	15.66	18.14	30	Pass
TminVnom	5700	13.65	16.16	18.92	30	Pass
TmaxVnom	5700	12.75	15.28	17.80	30	Pass

full. RU configuration
Summary

Mode	EIRP PD (dBm/MHz)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.99
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	9.96
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.93
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	9.98
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.94
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	9.98

RBW=1MHz

Result

Mode	Result	Gain (dBi)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	4.40	5.59	9.99	10.00
5240MHz_Tnom	Pass	4.40	5.50	9.90	10.00
5260MHz_Tnom	Pass	4.40	5.52	9.92	10.00
5320MHz_Tnom	Pass	4.40	5.53	9.93	10.00
5500MHz_Tnom	Pass	4.40	5.47	9.87	10.00
5700MHz_Tnom	Pass	4.40	5.54	9.94	10.00
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	4.40	5.54	9.94	10.00
5240MHz_Tnom	Pass	4.40	5.56	9.96	10.00
5260MHz_Tnom	Pass	4.40	5.53	9.93	10.00
5320MHz_Tnom	Pass	4.40	5.58	9.98	10.00
5500MHz_Tnom	Pass	4.40	5.47	9.87	10.00
5700MHz_Tnom	Pass	4.40	5.58	9.98	10.00

RBW=1MHz;

partial RU configuration
Summary

Mode	EIRP PD (dBm/MHz)
5.15-5.25GHz	-
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	9.98
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	9.95
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	9.92
5.25-5.35GHz	-
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	9.94
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	9.97
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	9.95
5.47-5.725GHz	-
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	9.74
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	9.94
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	9.82

RBW=1MHz

Result

Mode	Result	Gain (dBi)	PD (dBm/MHz)	EIRP PD (dBm/MHz)	EIRP PD Limit (dBm/MHz)
802.11ax HEW20 OFDMA RU26 Index3_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	4.40	5.53	9.93	10.00
5240MHz_Tnom	Pass	4.40	5.55	9.95	10.00
5260MHz_Tnom	Pass	4.40	5.52	9.92	10.00
5320MHz_Tnom	Pass	4.40	5.57	9.97	10.00
5500MHz_Tnom	Pass	4.40	5.54	9.94	10.00
5700MHz_Tnom	Pass	4.40	5.51	9.91	10.00
802.11ax HEW20 OFDMA RU52 Index38_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	4.40	5.52	9.92	10.00
5240MHz_Tnom	Pass	4.40	5.44	9.84	10.00
5260MHz_Tnom	Pass	4.40	5.50	9.90	10.00
5320MHz_Tnom	Pass	4.40	5.55	9.95	10.00
5500MHz_Tnom	Pass	4.40	5.38	9.78	10.00
5700MHz_Tnom	Pass	4.40	5.42	9.82	10.00
802.11ax HEW20 OFDMA RU106 Index53_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz_Tnom	Pass	4.40	5.50	9.90	10.00
5240MHz_Tnom	Pass	4.40	5.58	9.98	10.00
5260MHz_Tnom	Pass	4.40	5.54	9.94	10.00
5320MHz_Tnom	Pass	4.40	5.46	9.86	10.00
5500MHz_Tnom	Pass	4.40	5.34	9.74	10.00
5700MHz_Tnom	Pass	4.40	5.21	9.61	10.00

RBW=1MHz;



Configuration 1 : EFD2471A3S-10MH4L Antenna

Emissions ($\leq 30\text{MHz}$)

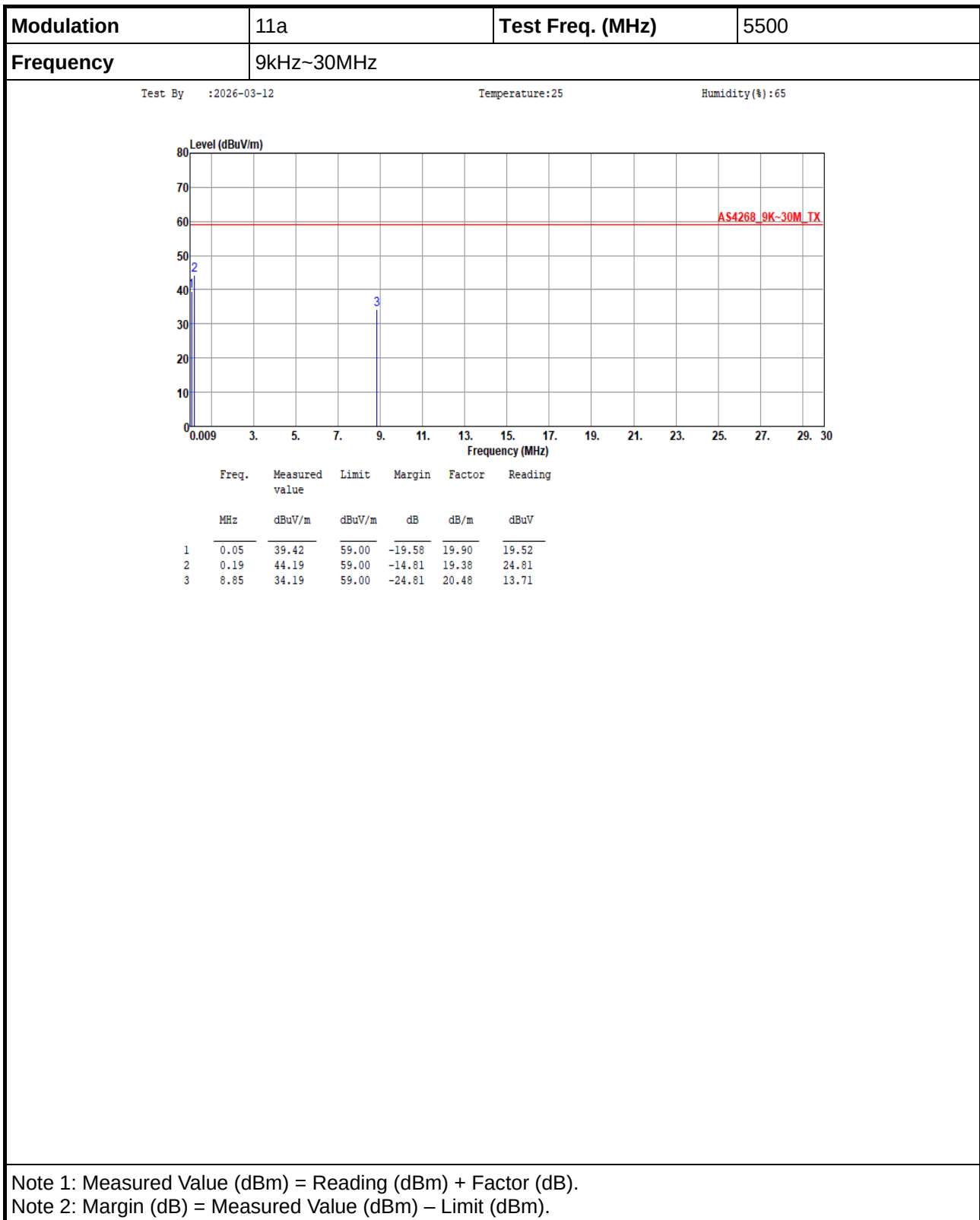
Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12 Temperature:25 Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

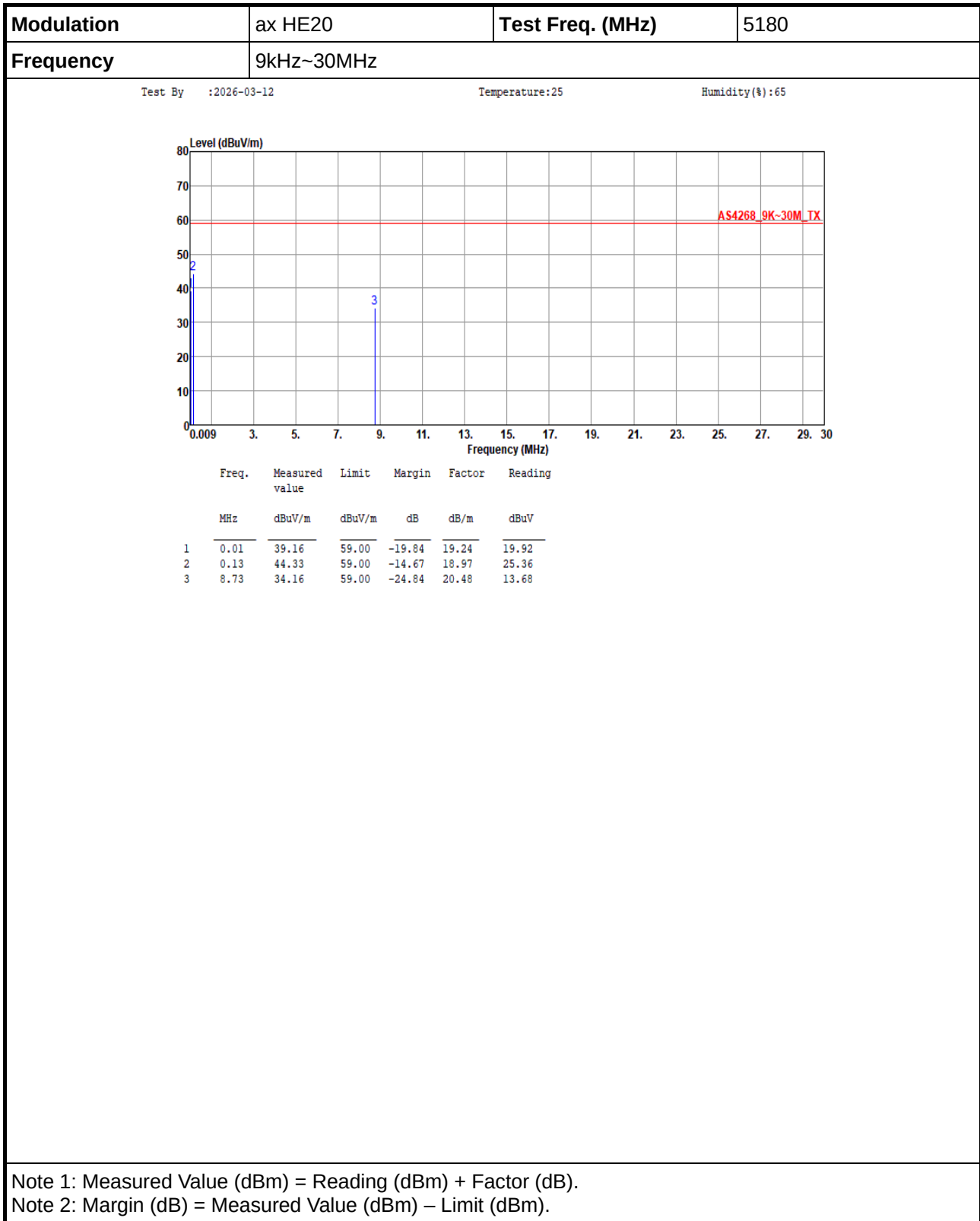




Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

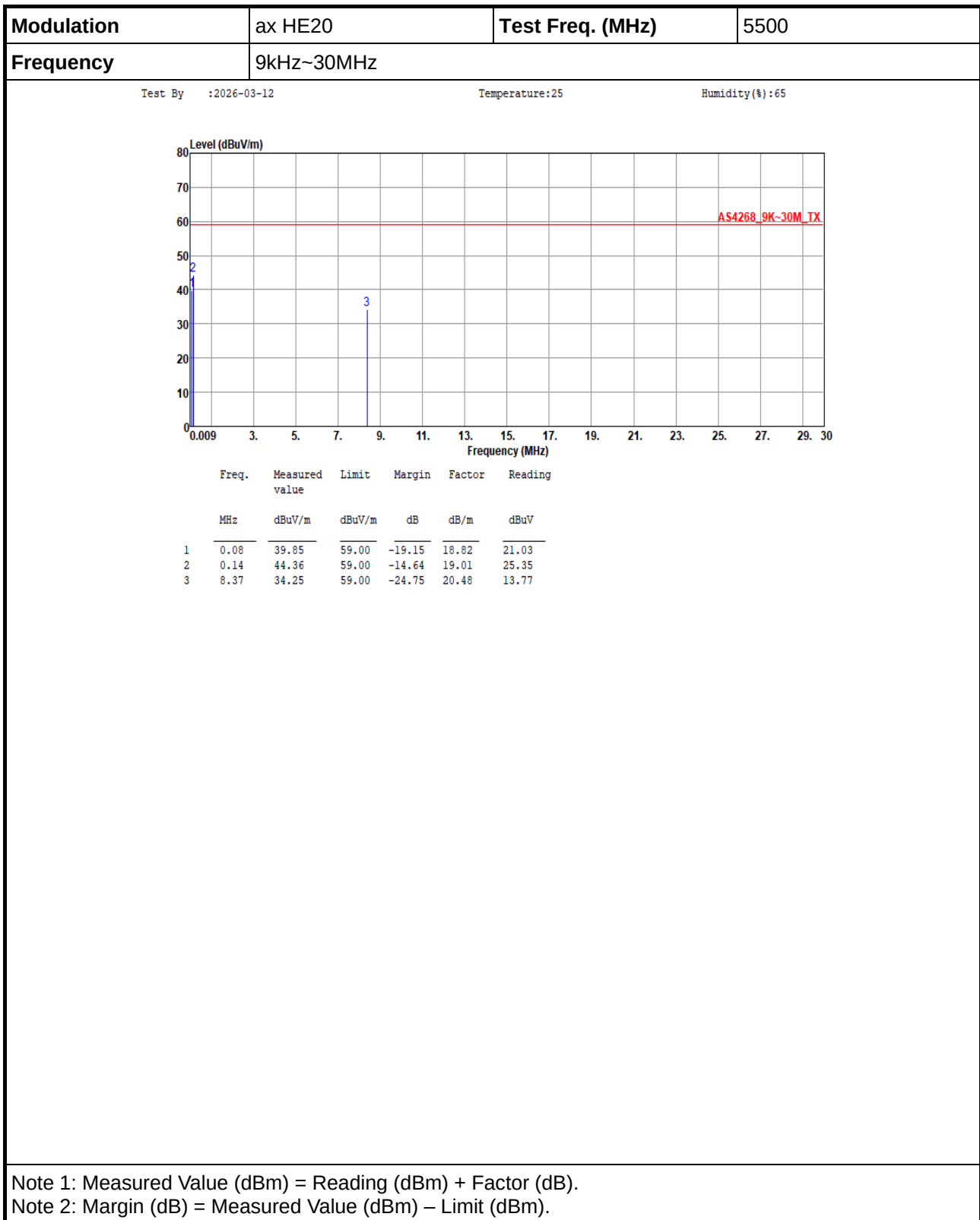
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).





Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			





Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

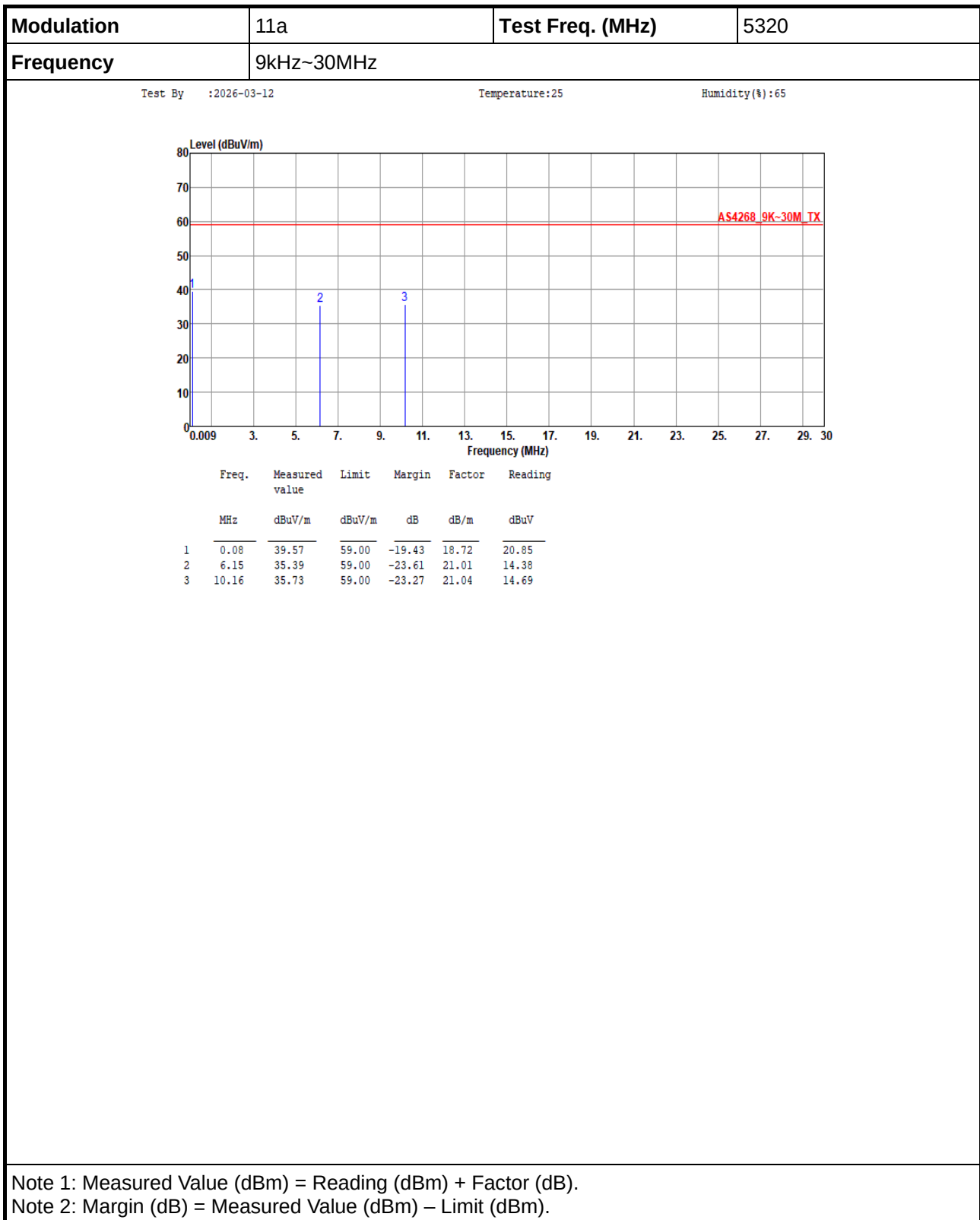
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Configuration 2 : EFB2471A3S-10MH4L Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			





Modulation	11a	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			



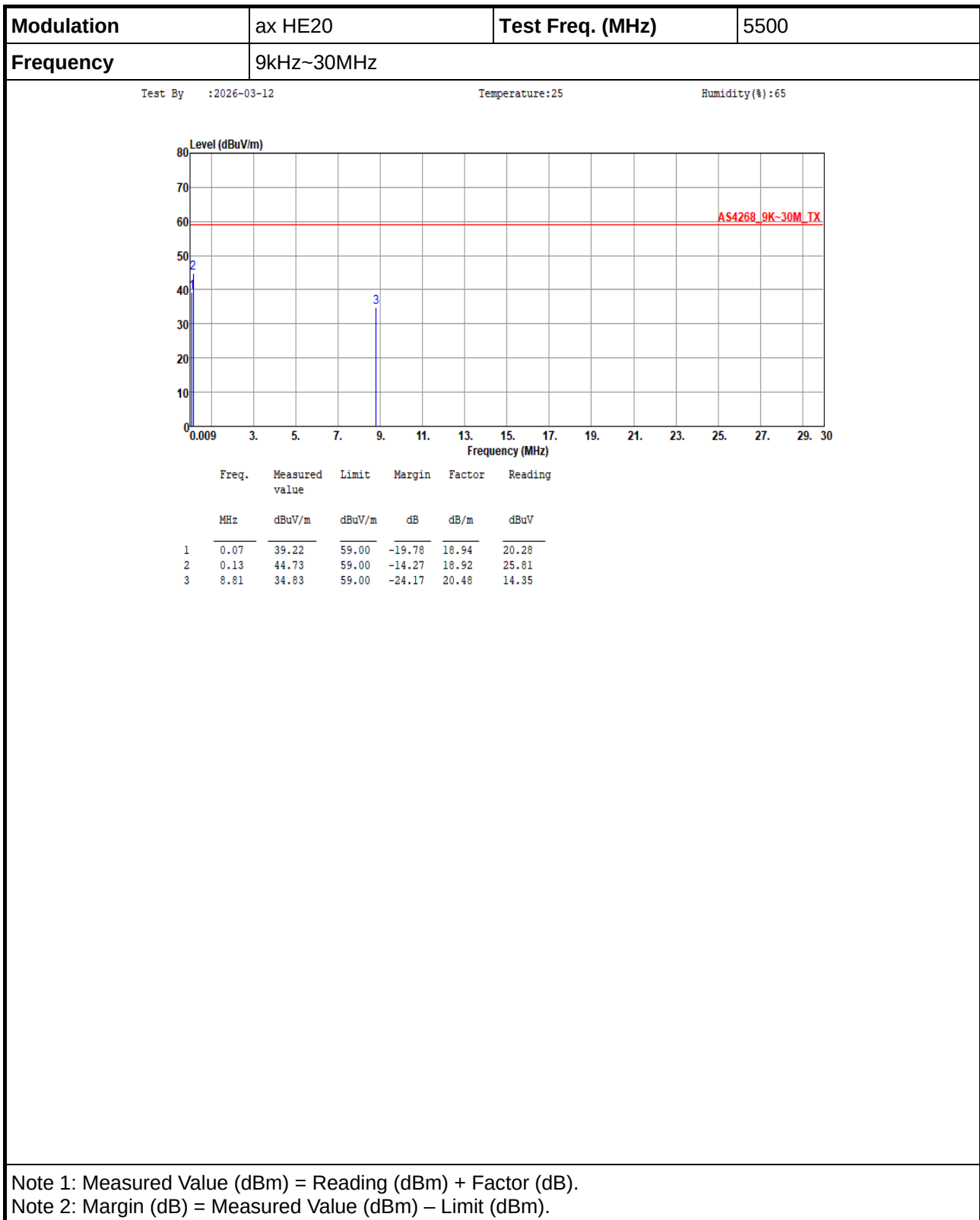
Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



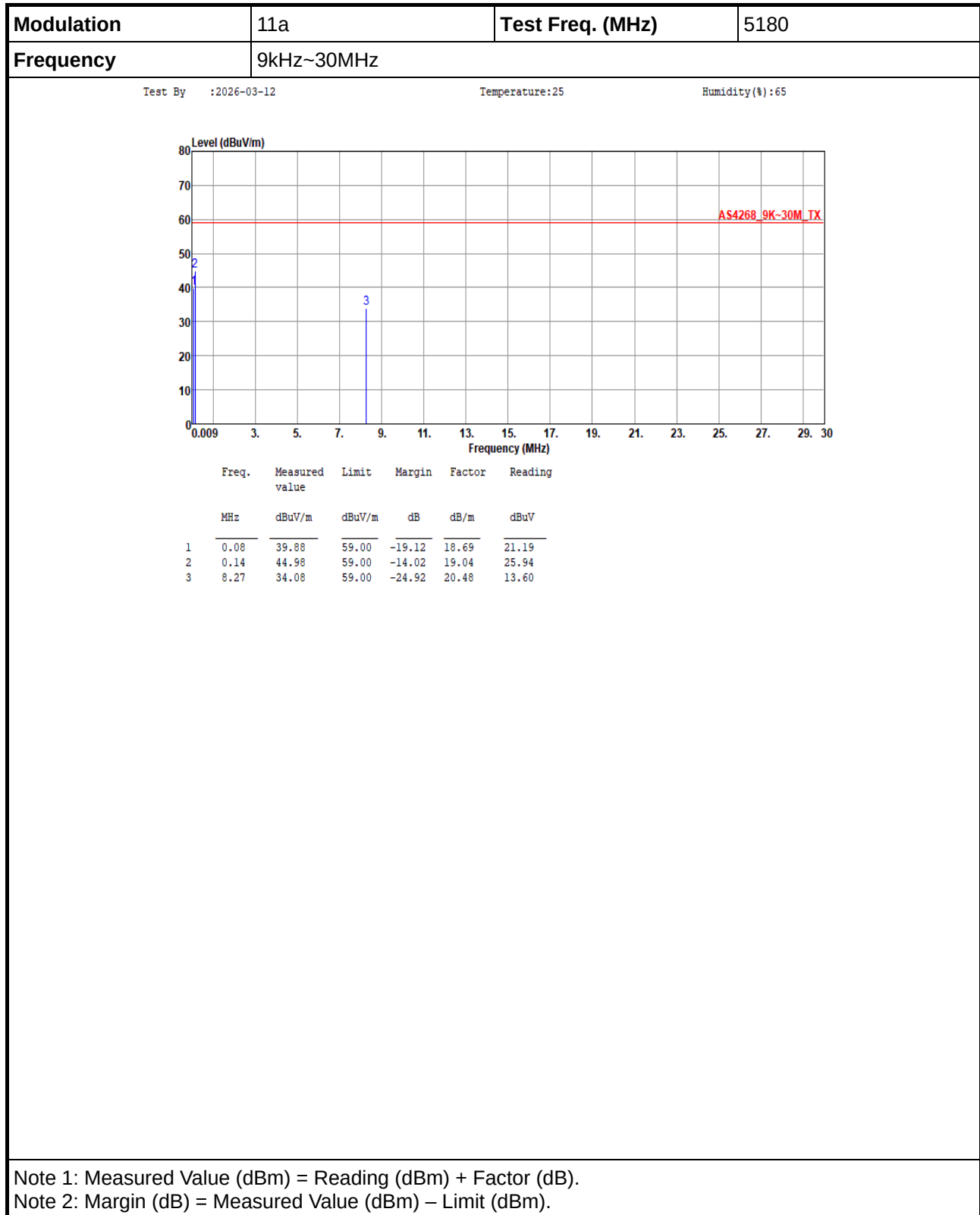


Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



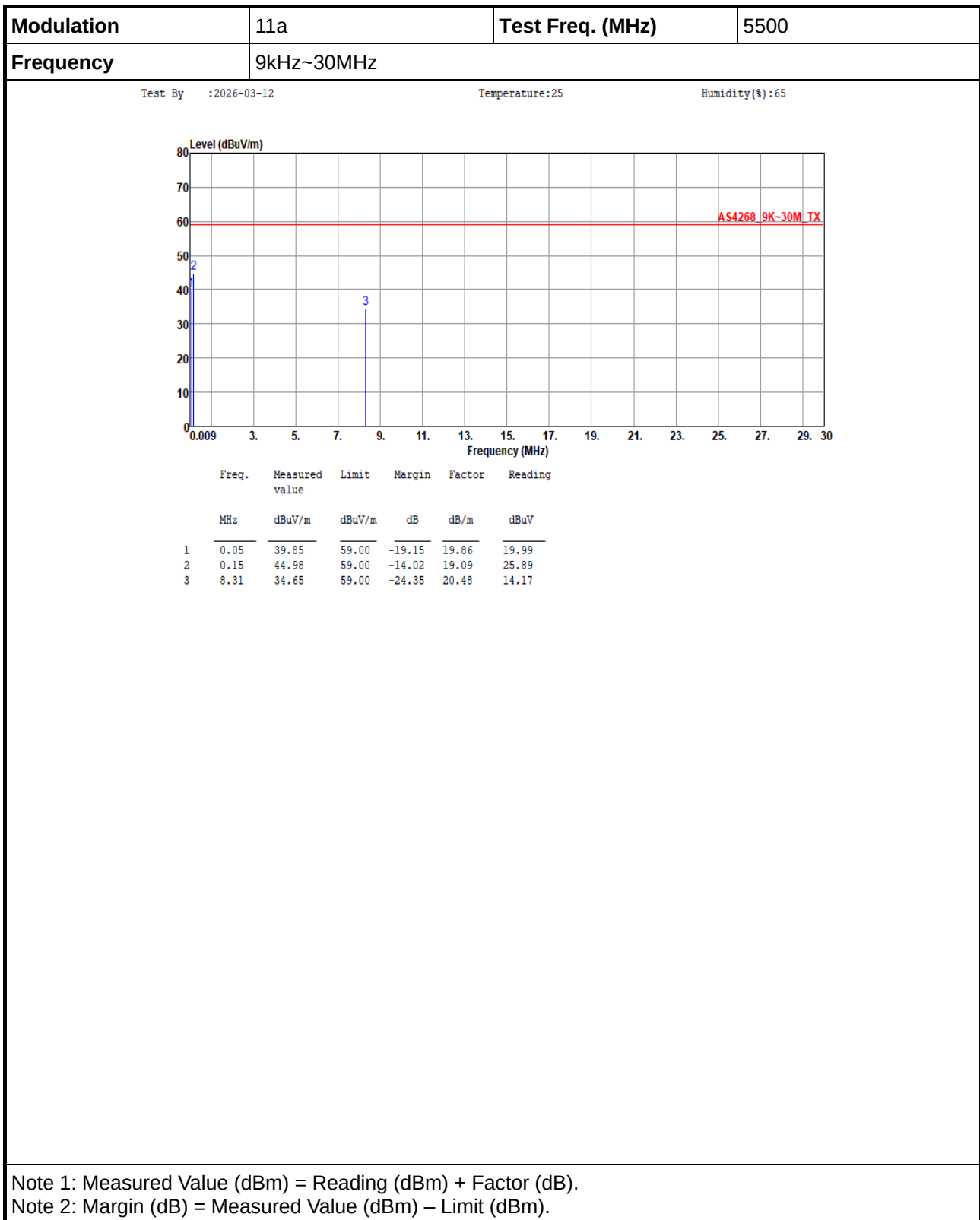
Configuration 3 : EMF2471A3S-10MH4L Antenna

Emissions (≤ 30 MHz)





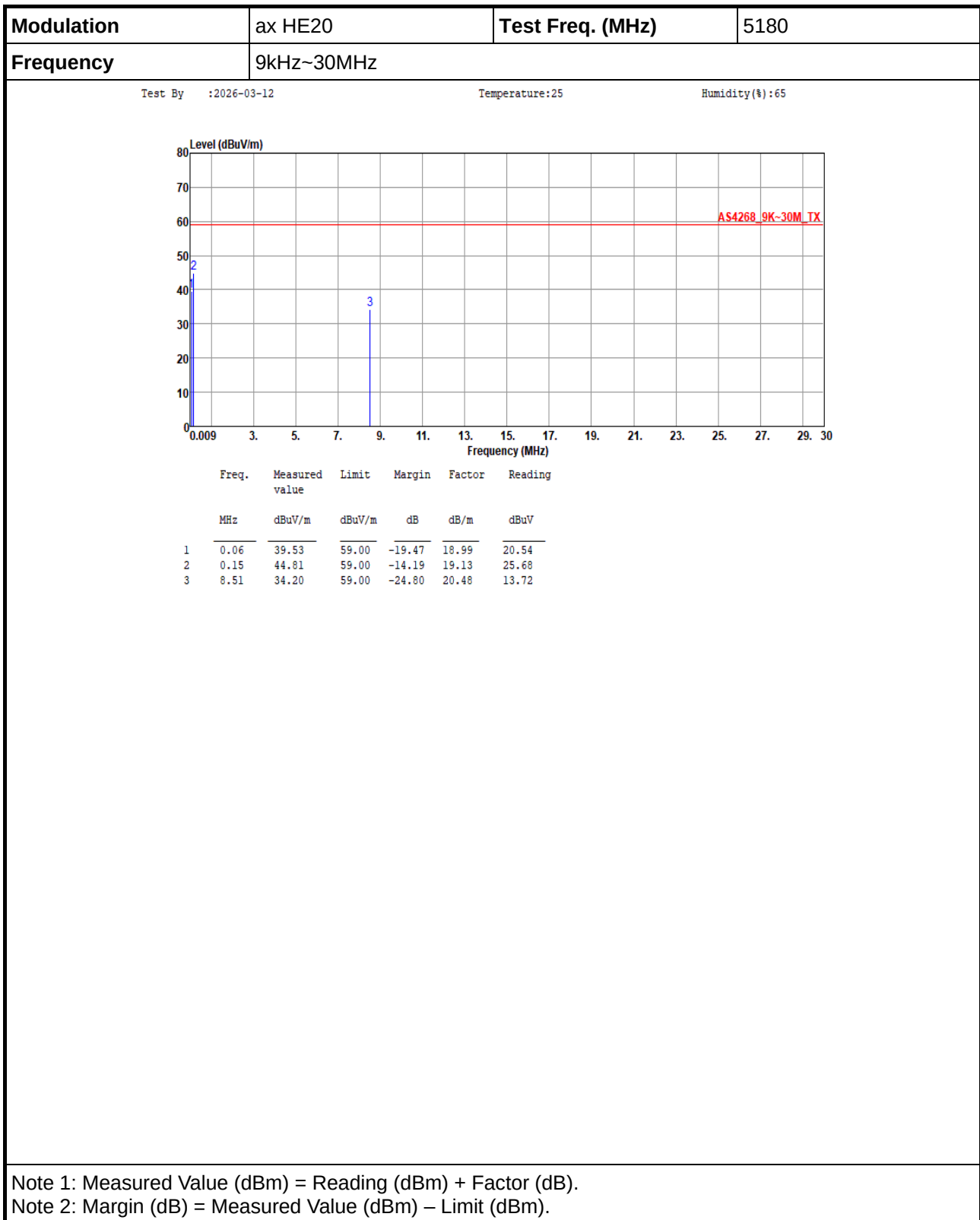
Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			





Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).





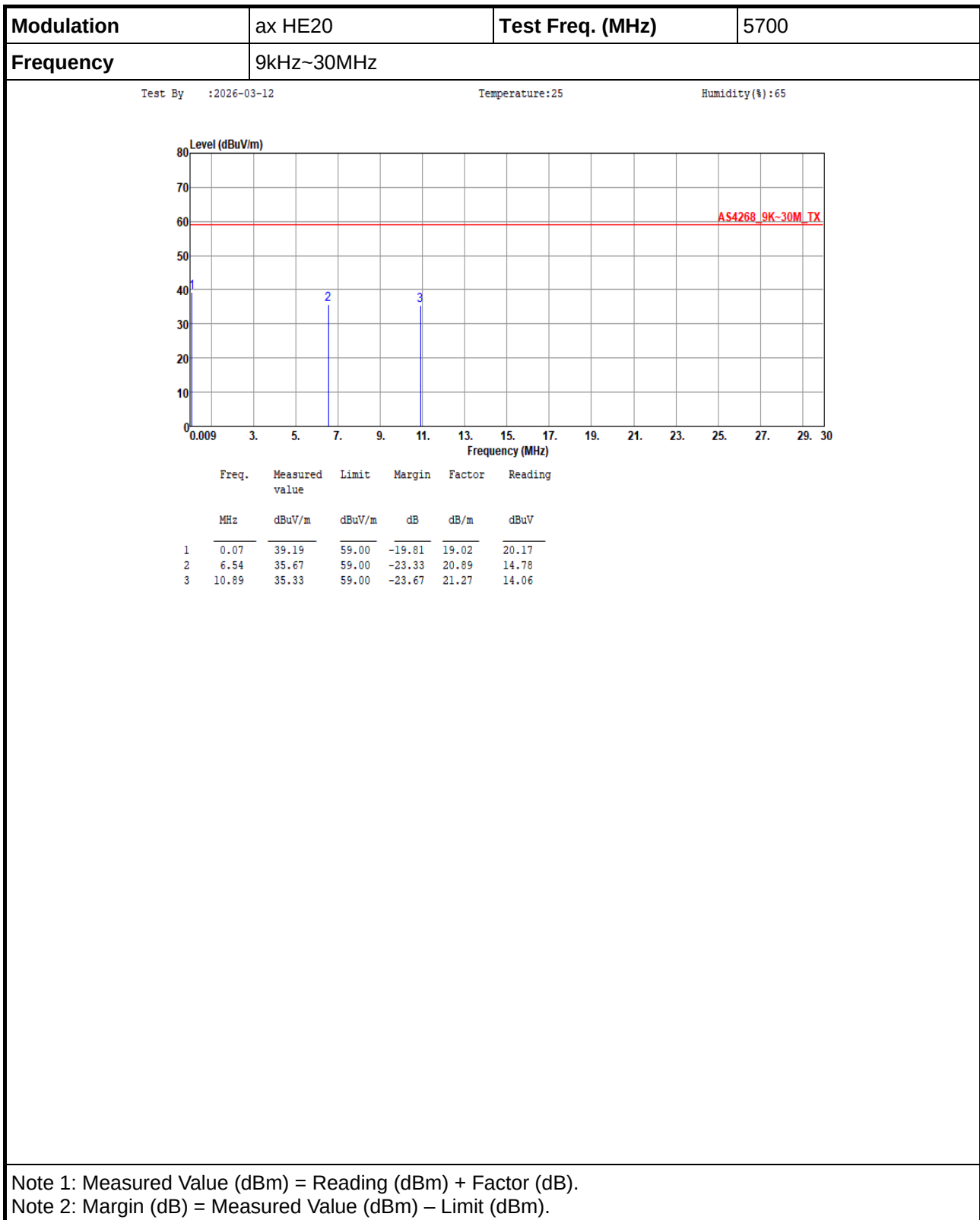
Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



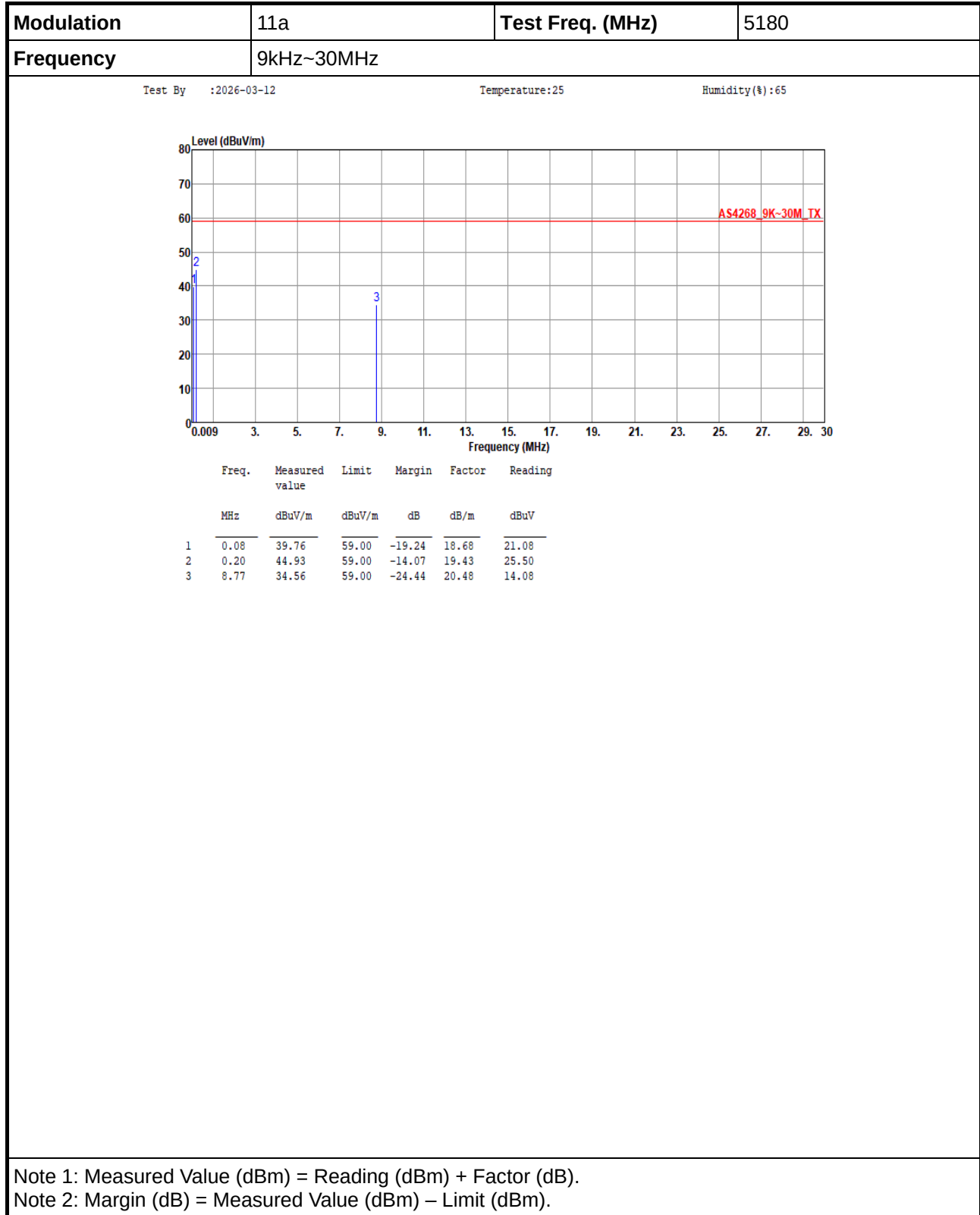
Modulation	ax HE20	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) <			





Configuration 4 : TWX-100BRS3B Antenna

Emissions ($\leq 30\text{MHz}$)

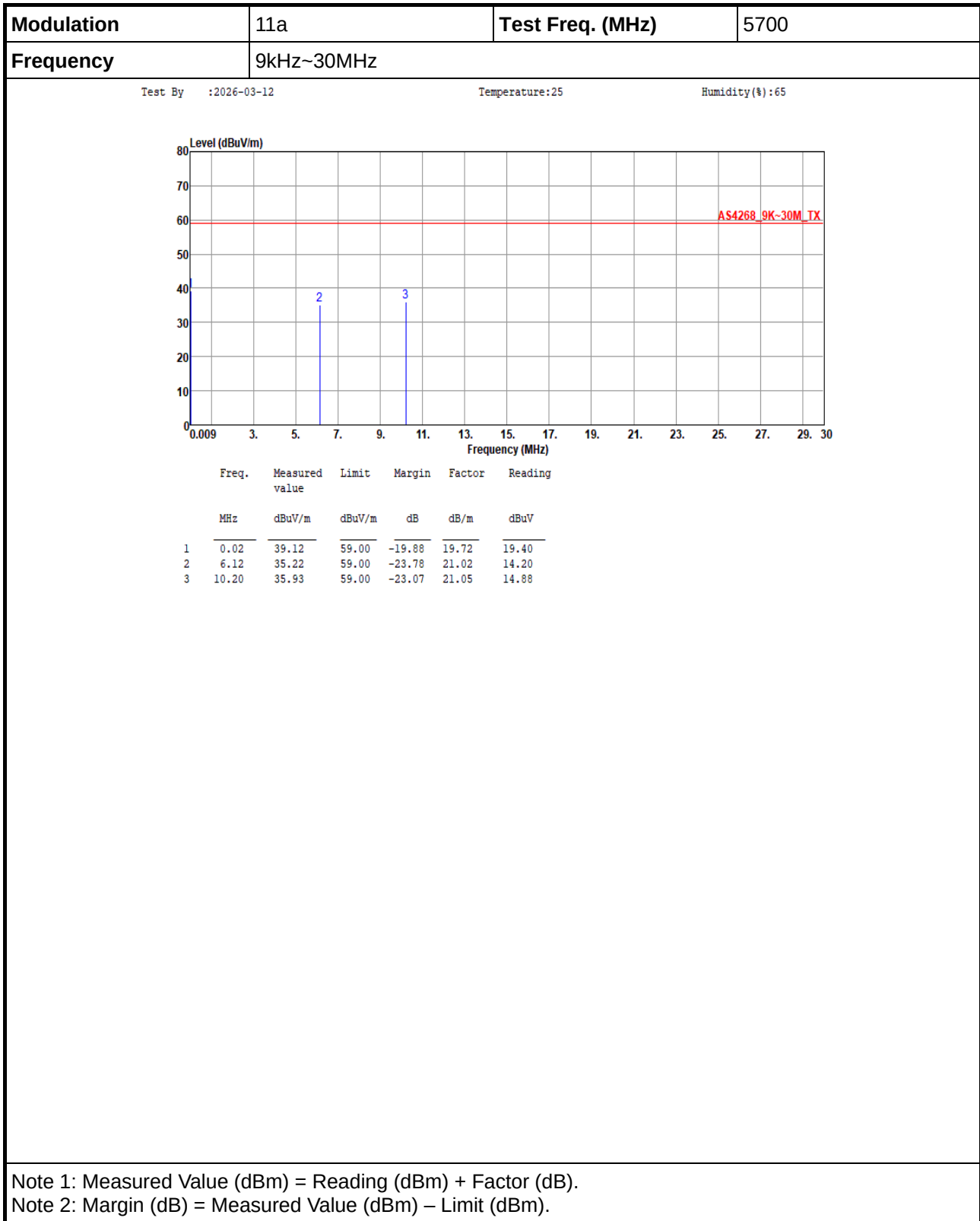


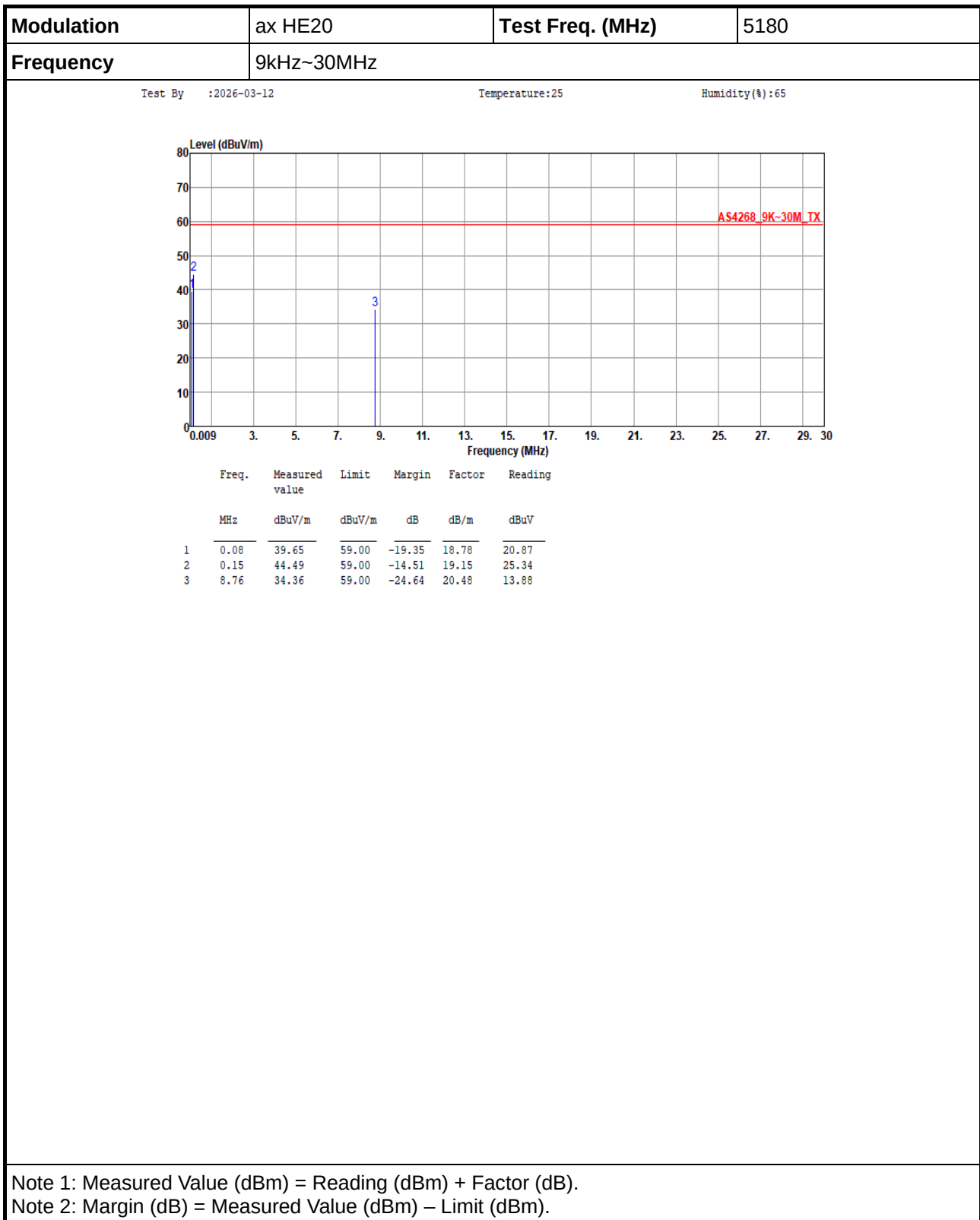


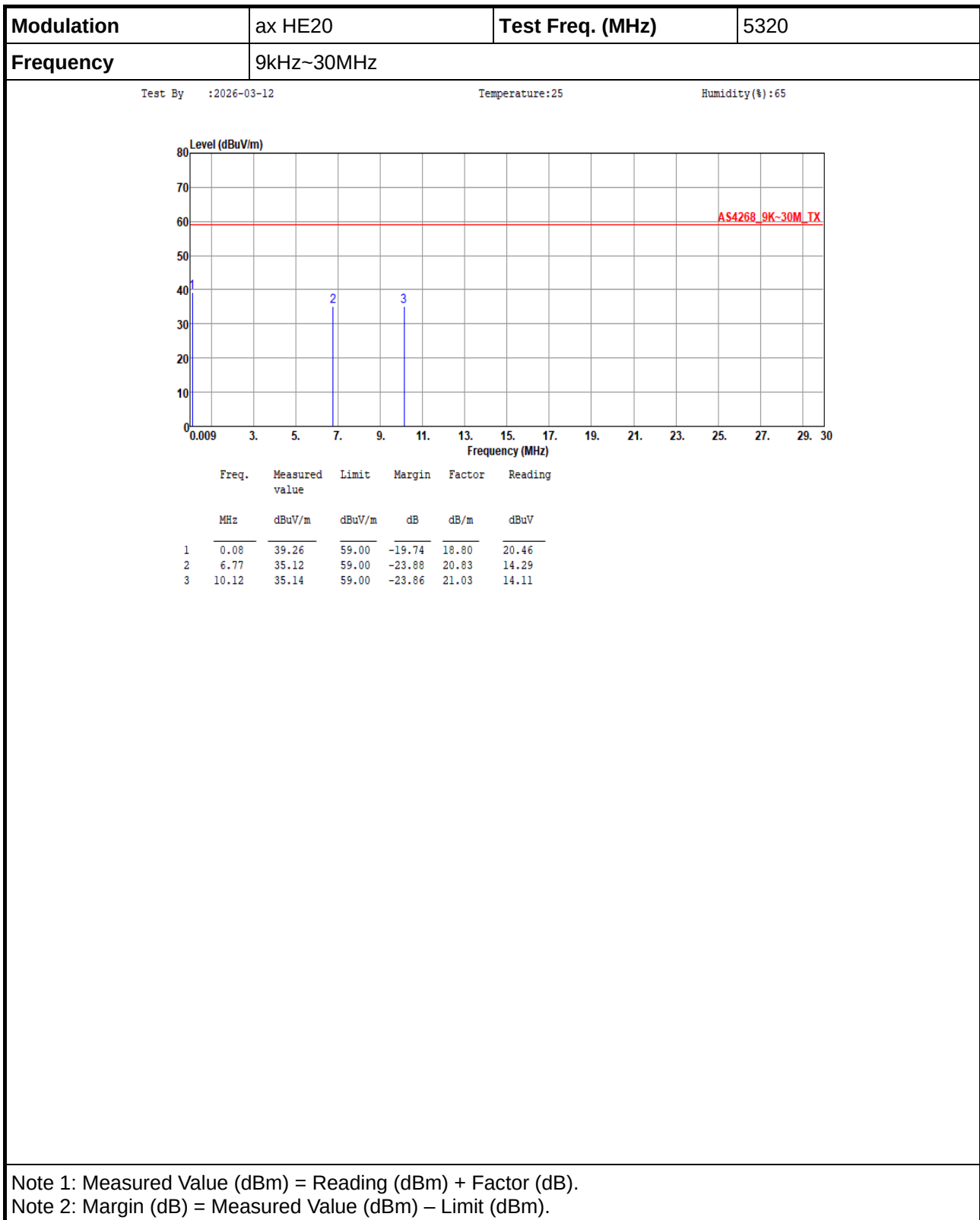
Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			

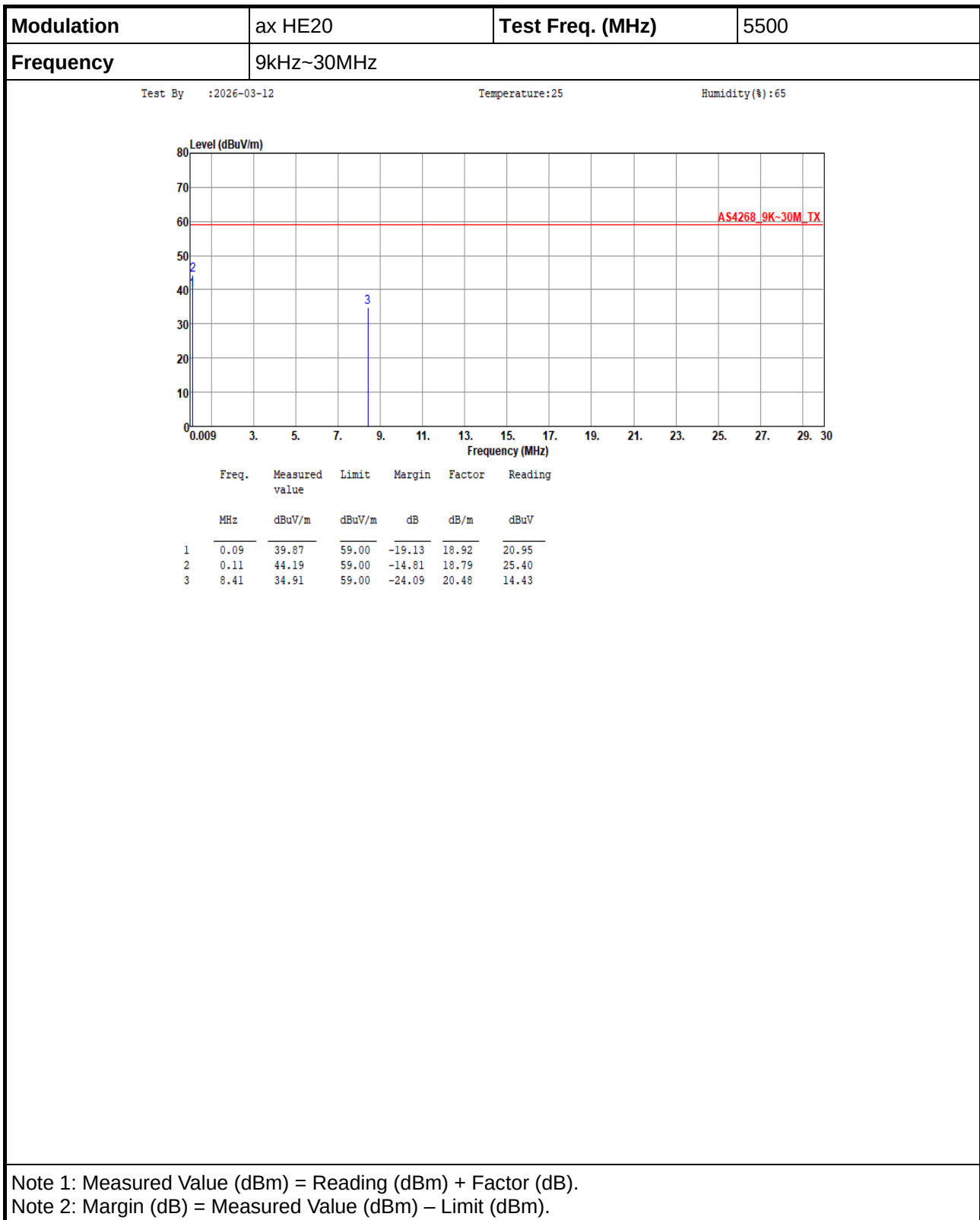


Modulation	11a	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			











Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Configuration 5 : 001-0021 Antenna

Emissions (≤ 30 MHz)

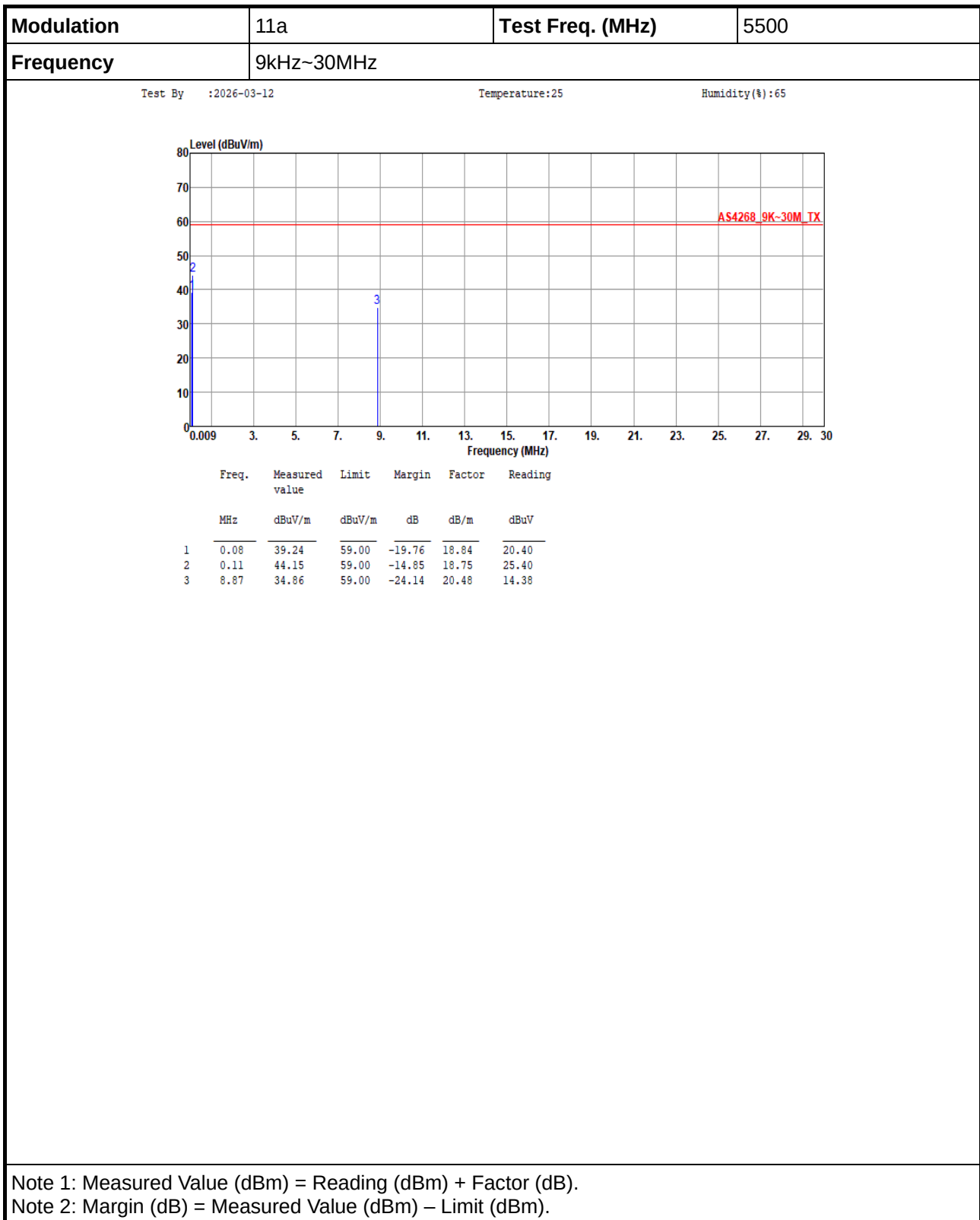
Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			

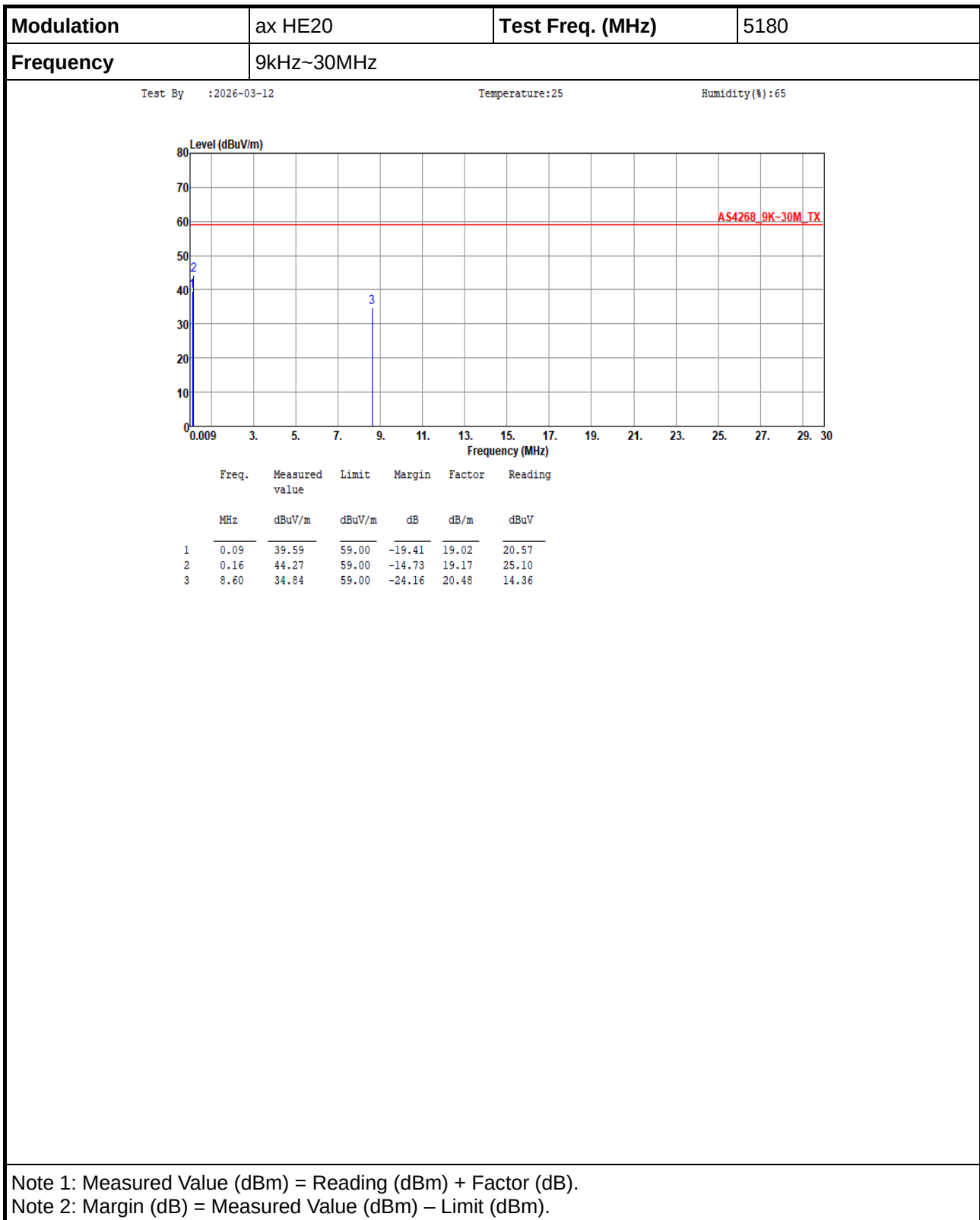
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

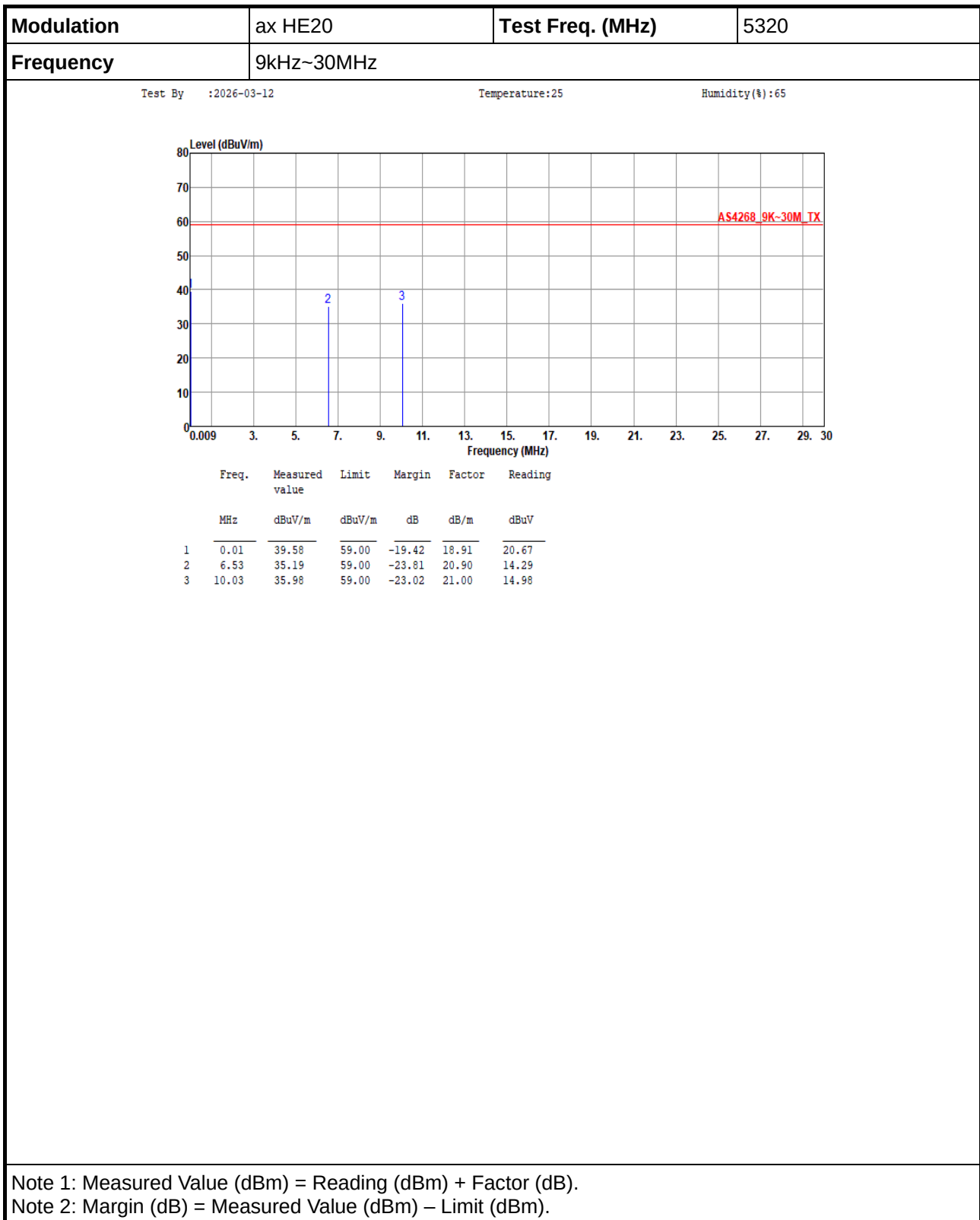
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

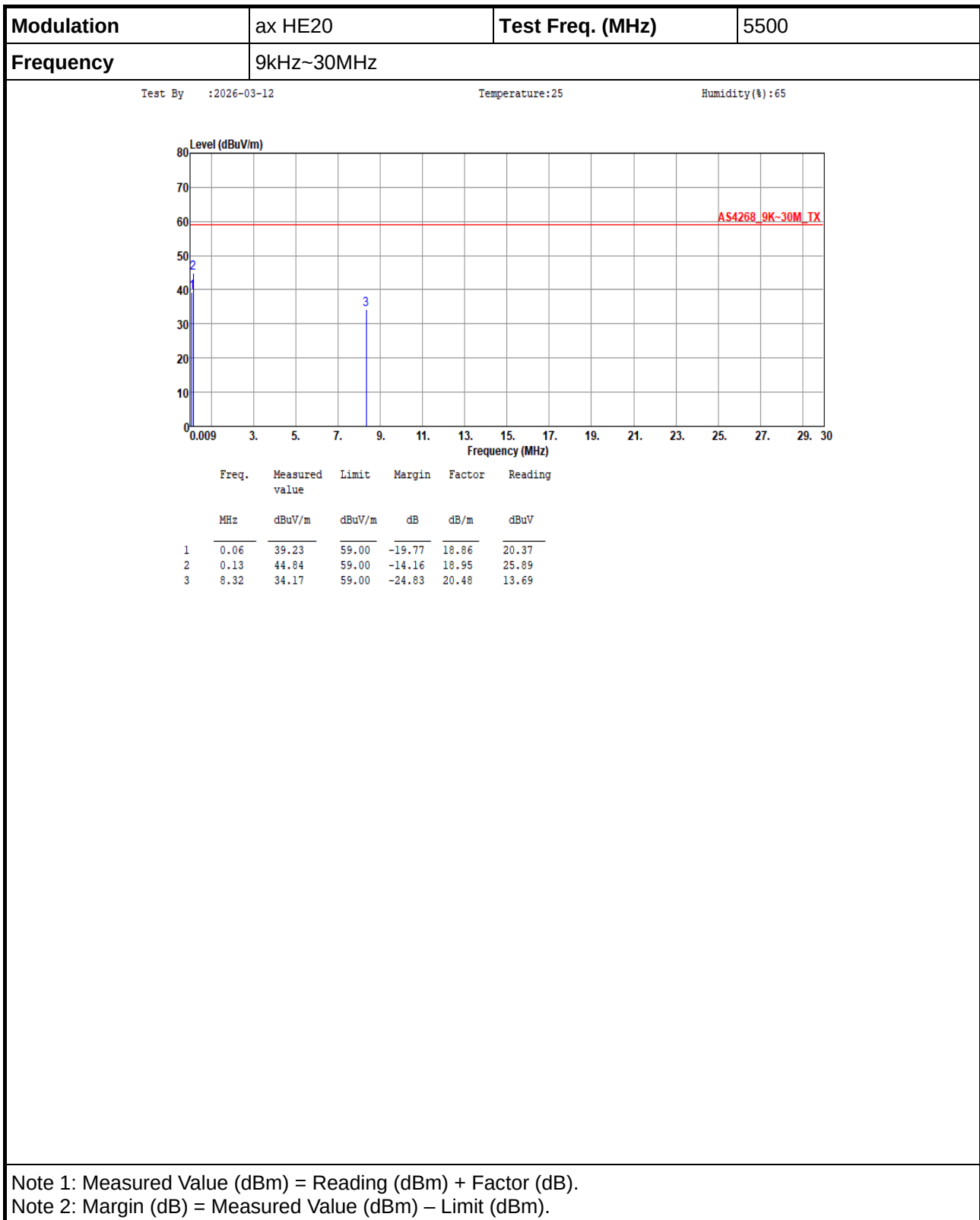




Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			









Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			



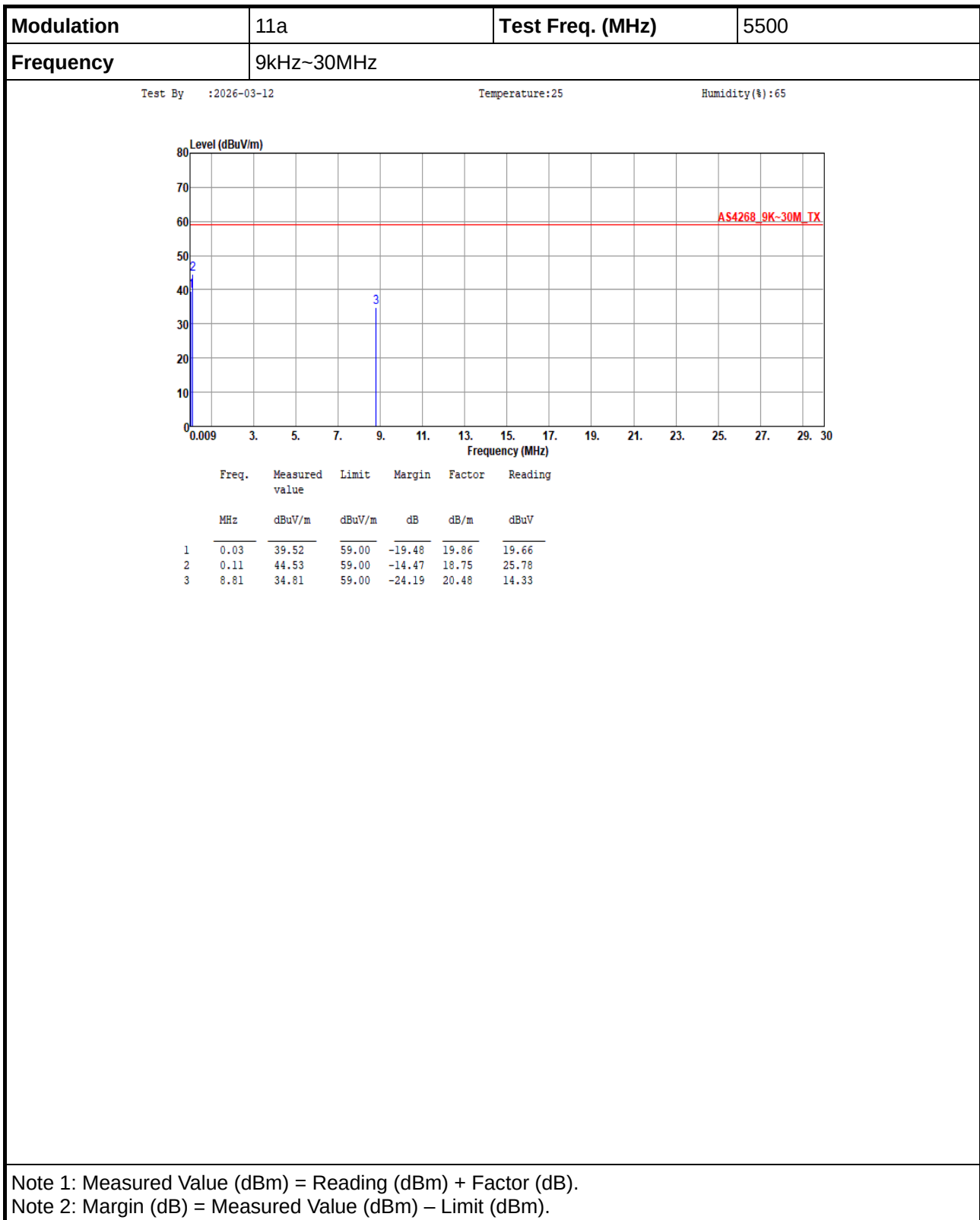
Configuration 6 : EFB2455A3S-15MH4L Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			





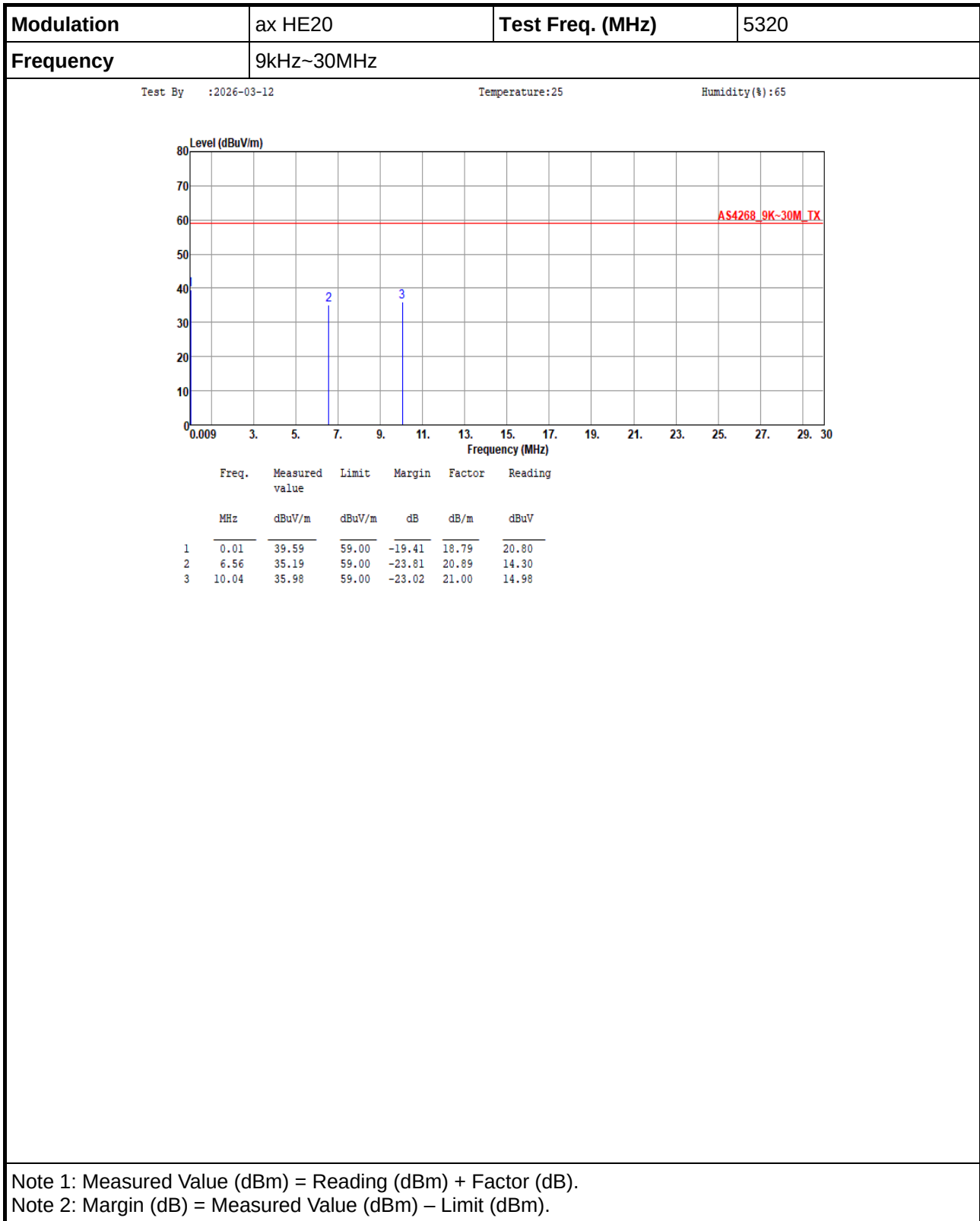
Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			

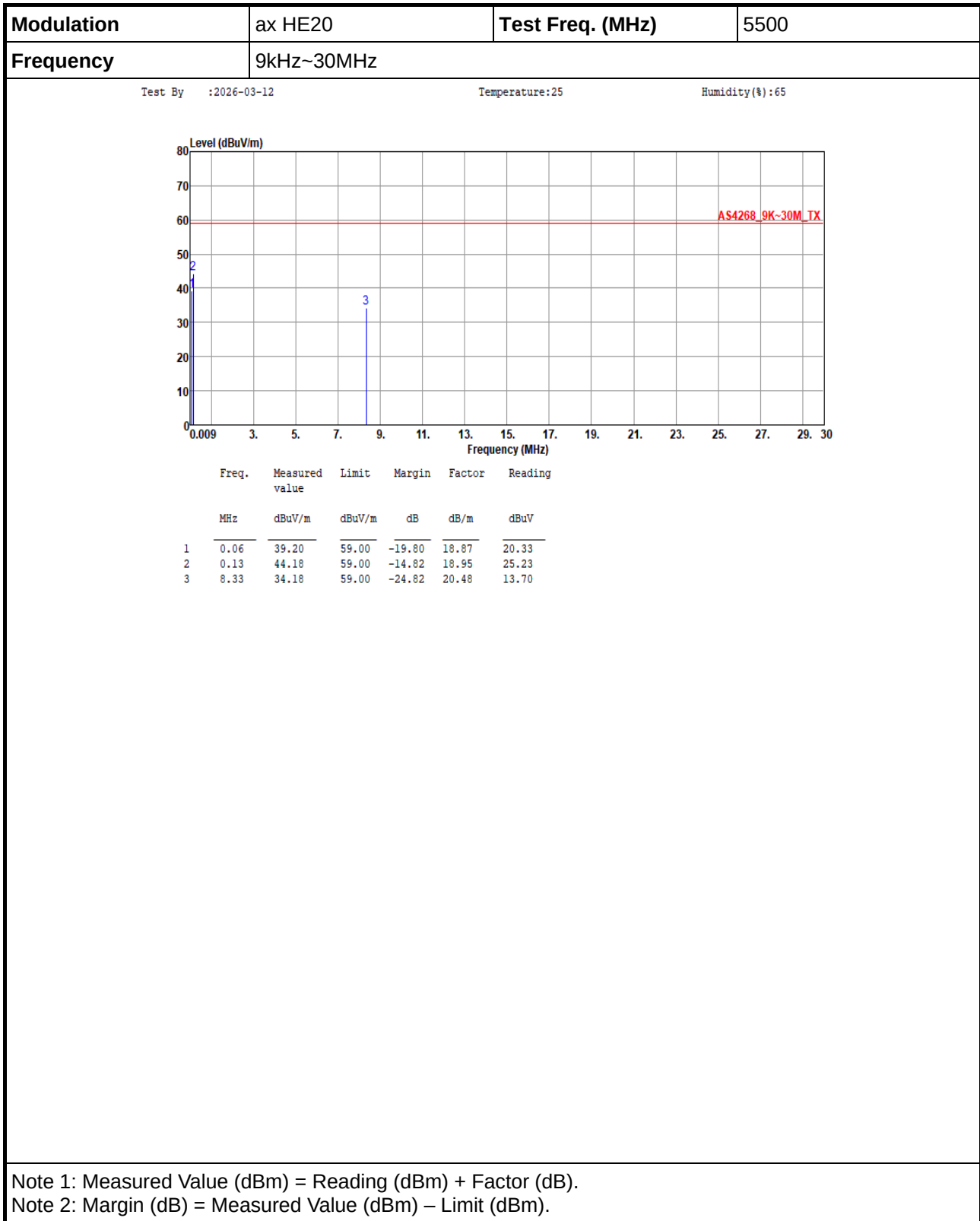


Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).







Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



Configuration 7 : ANT1608LL14R2460A Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			

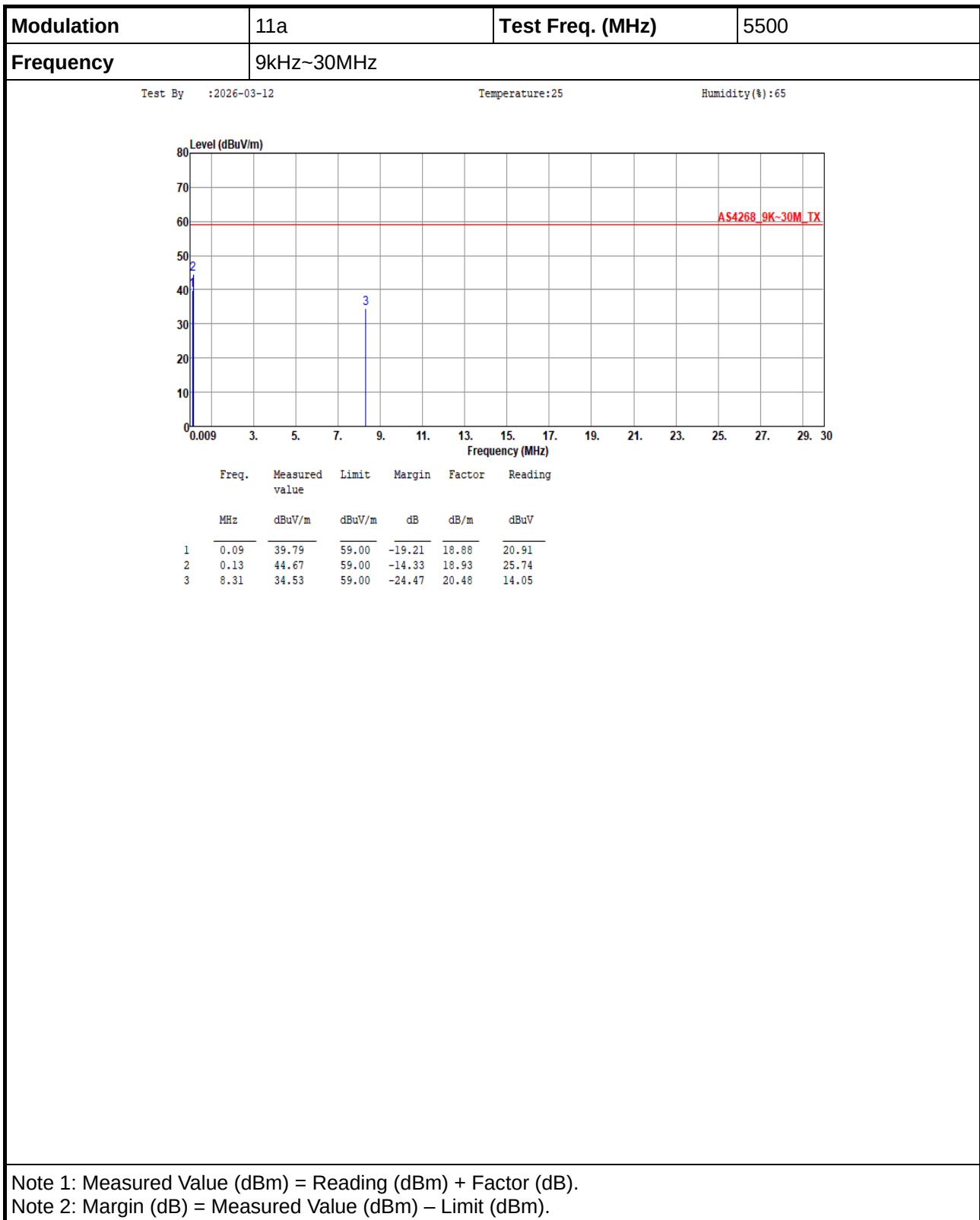
Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		

Test By : 2026-03-12
Temperature: 25
Humidity (%): 65

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.37	59.00	-19.63	19.02	20.35
2	6.73	35.71	59.00	-23.29	20.84	14.87
3	10.08	35.95	59.00	-23.05	21.01	14.94

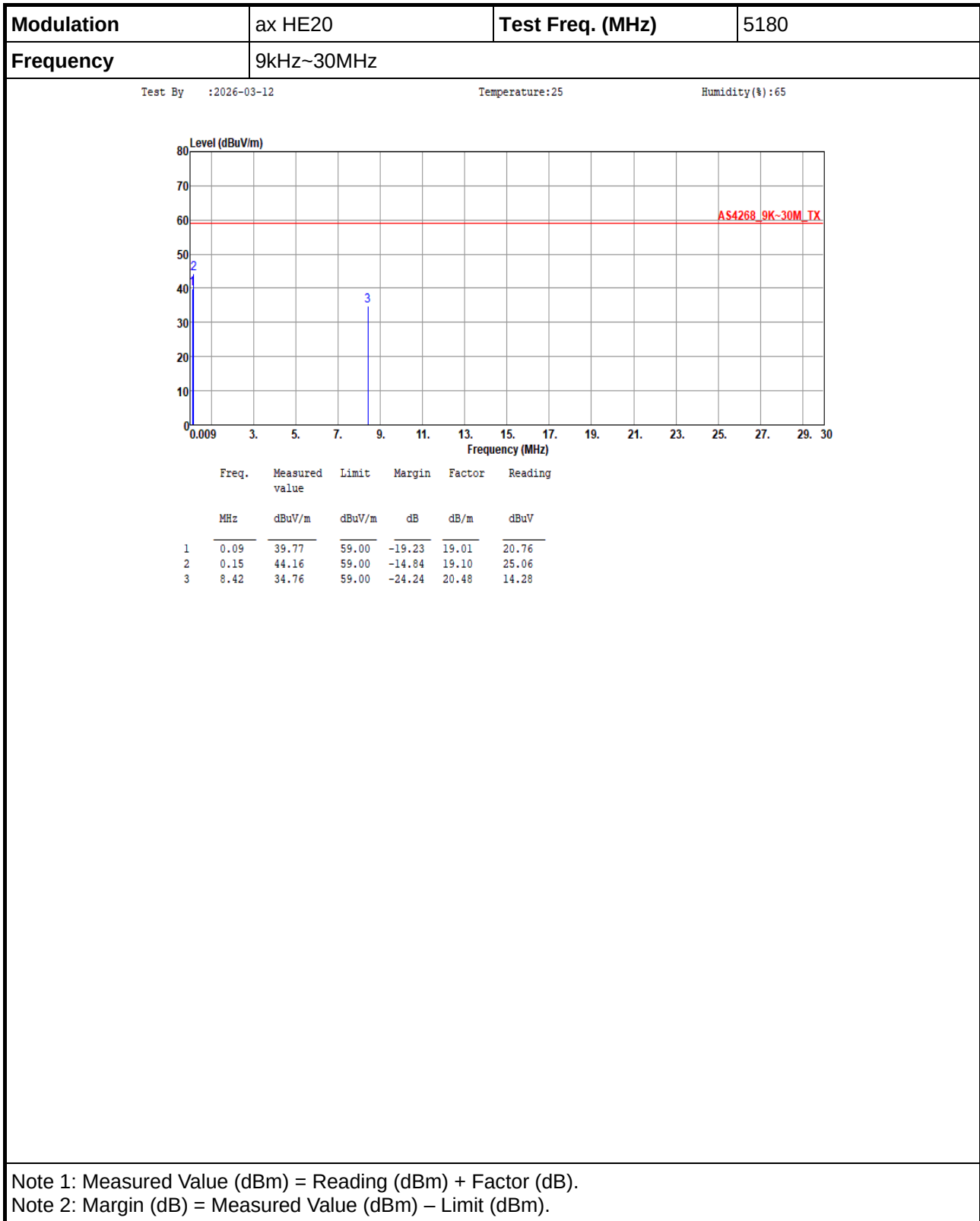
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

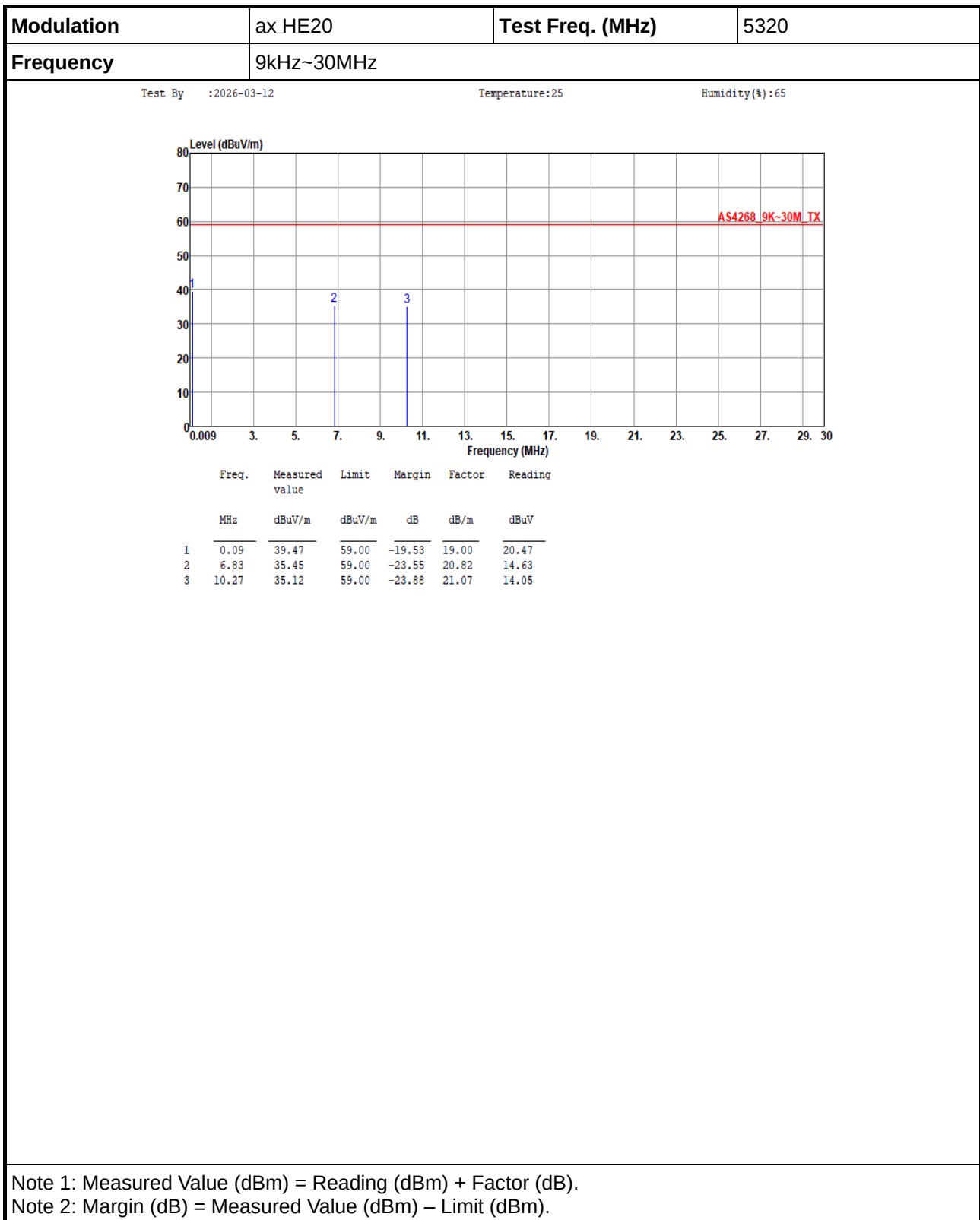
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).





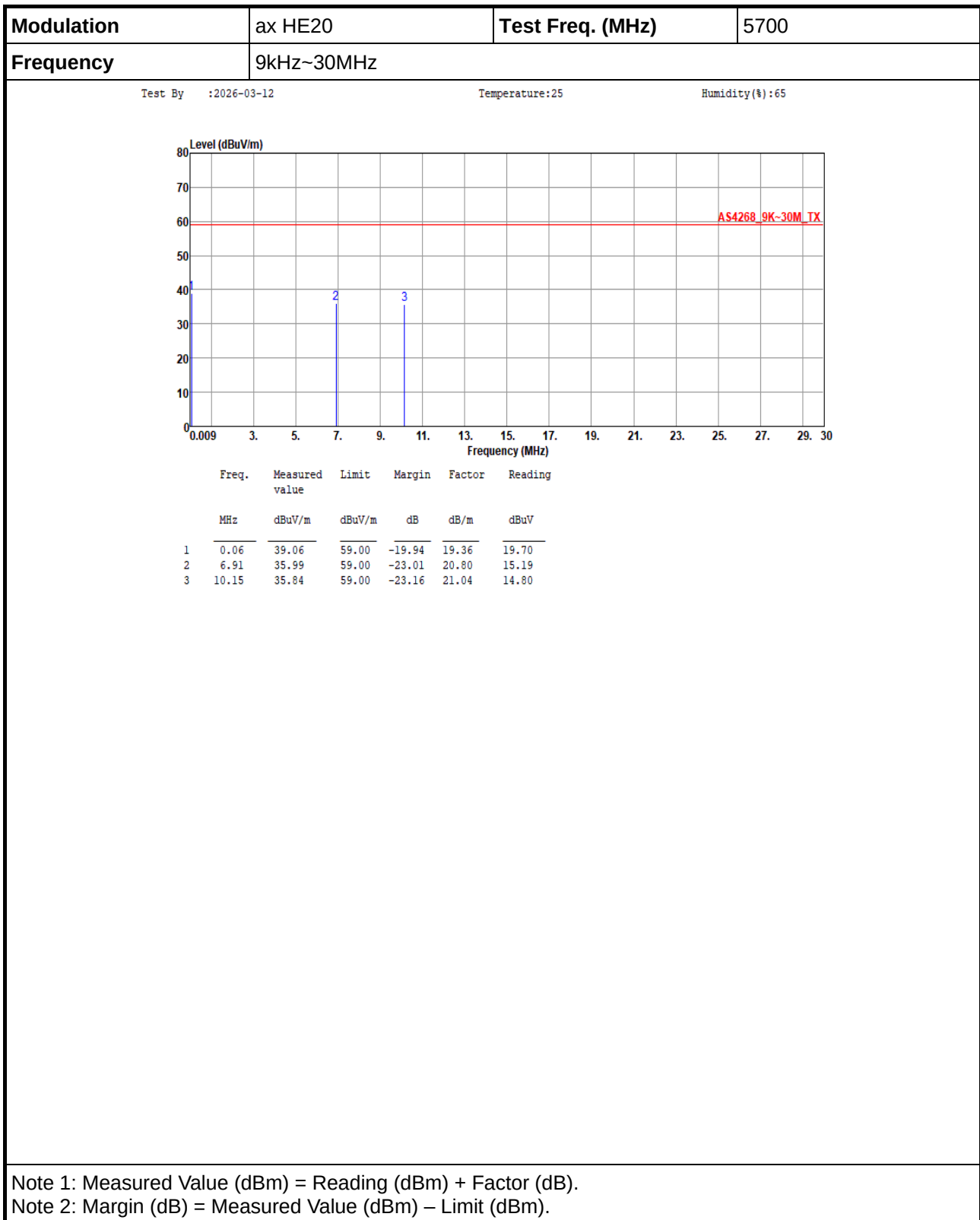
Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			







Modulation	ax HE20	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) <			





Configuration 1 : EFD2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65

Freq.	Measured value	Limit	Margin	Factor	Reading	
MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	
1	0.08	39.44	59.00	-19.56	18.68	20.76
2	0.14	44.94	59.00	-14.06	19.04	25.90
3	8.09	34.19	59.00	-24.81	20.48	13.71

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

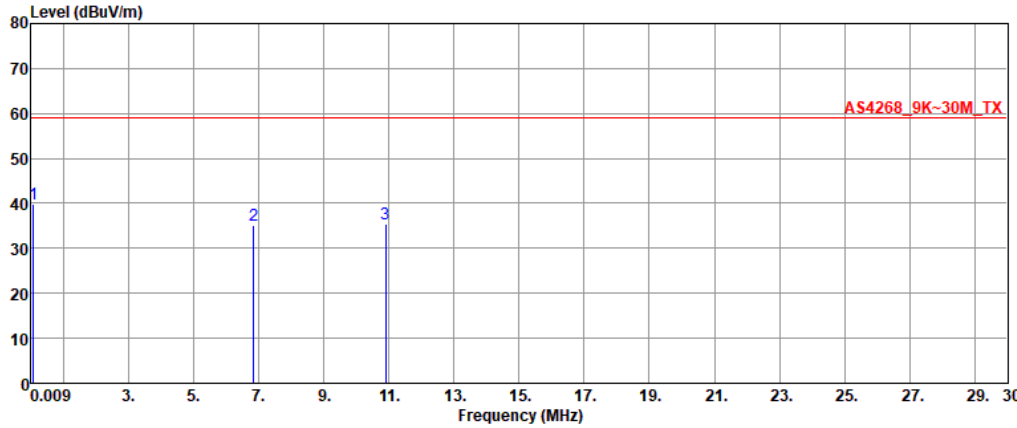


Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.83	59.00	-19.17	19.03	20.80
2	6.84	35.07	59.00	-23.93	20.82	14.25
3	10.91	35.47	59.00	-23.53	21.27	14.20

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			

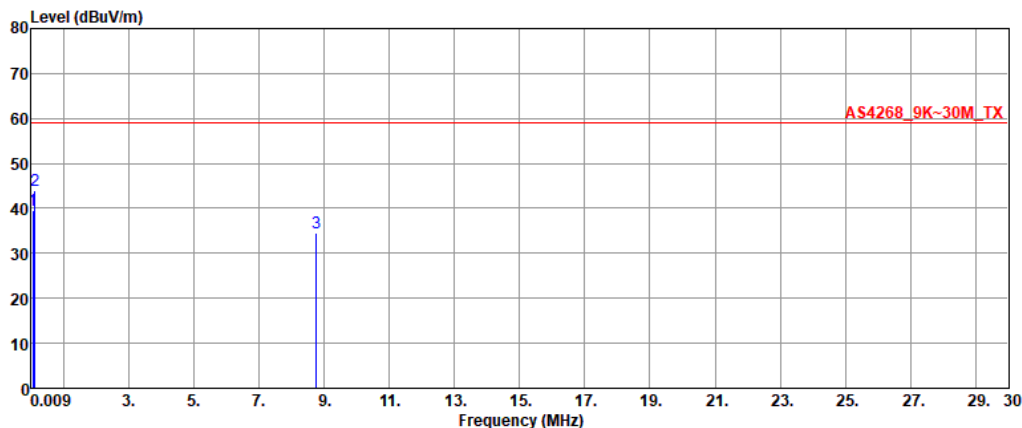
Configuration 2 : EFB2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.04	39.69	59.00	-19.31	19.88	19.81
2	0.11	44.12	59.00	-14.88	18.71	25.41
3	8.77	34.58	59.00	-24.42	20.48	14.10

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			

Configuration 3 : EMF2471A3S-10MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65

Level (dBuV/m)



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) <			

Configuration 4 : TWX-100BRS3B Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65

Level (dBuV/m)

<

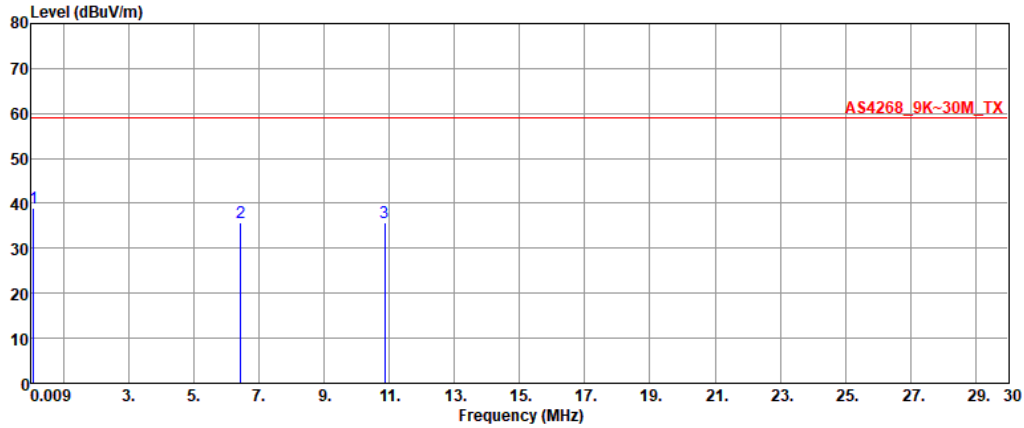


Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.01	59.00	-19.99	18.91	20.10
2	6.44	35.79	59.00	-23.21	20.92	14.87
3	10.85	35.76	59.00	-23.24	21.26	14.50

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			

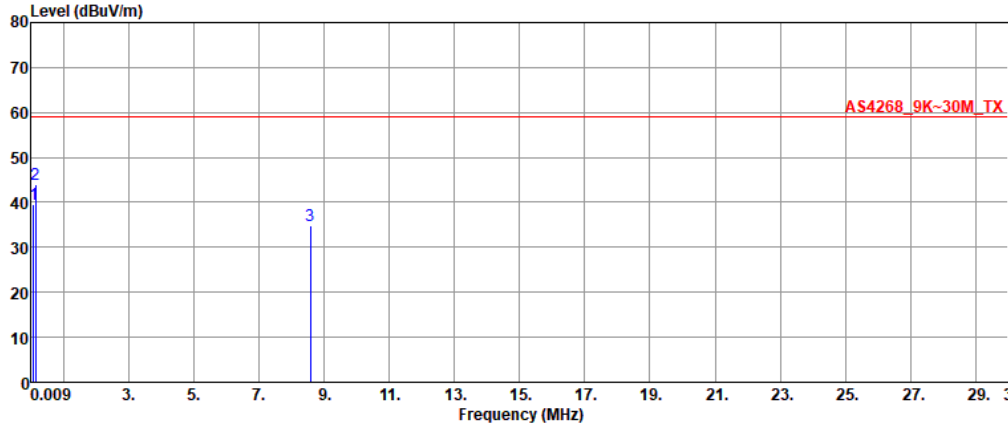
Configuration 5 : 001-0021 Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



Freq.	Measured value	Limit	Margin	Factor	Reading	
MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	
1	0.06	39.44	59.00	-19.56	18.86	20.58
2	0.13	44.06	59.00	-14.94	18.92	25.14
3	8.58	34.76	59.00	-24.24	20.48	14.28

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12 Temperature:25 Humidity(%):65 Level (dBuV/m)			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			

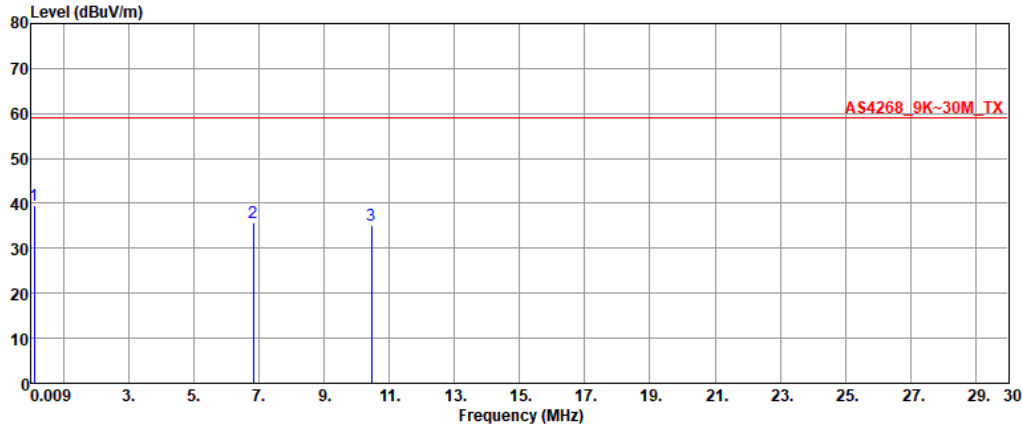


Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.46	59.00	-19.54	18.96	20.50
2	6.82	35.69	59.00	-23.31	20.81	14.88
3	10.46	35.23	59.00	-23.77	21.14	14.09

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

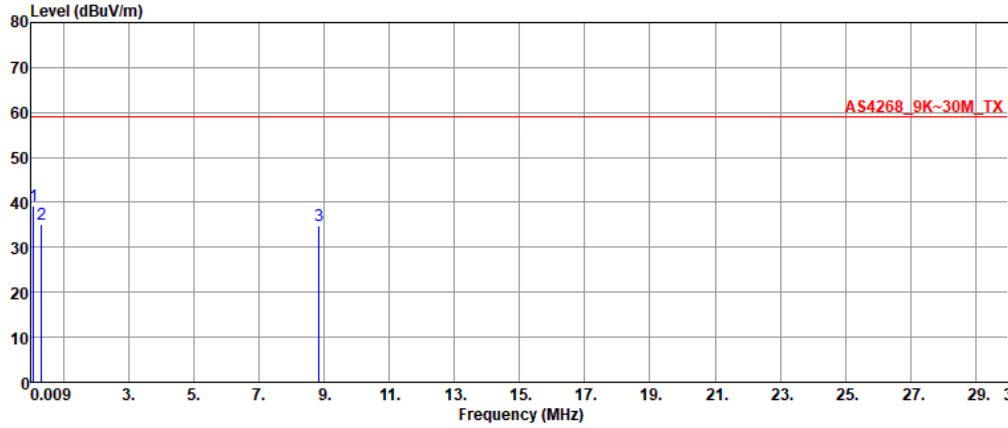
Configuration 6 : EFB2455A3S-15MH4L Antenna

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



Freq.	Measured value	Limit	Margin	Factor	Reading	
MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	
1	0.07	39.39	59.00	-19.61	19.02	20.37
2	0.31	35.16	59.00	-23.84	19.47	15.69
3	8.84	34.94	59.00	-24.06	20.48	14.46

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



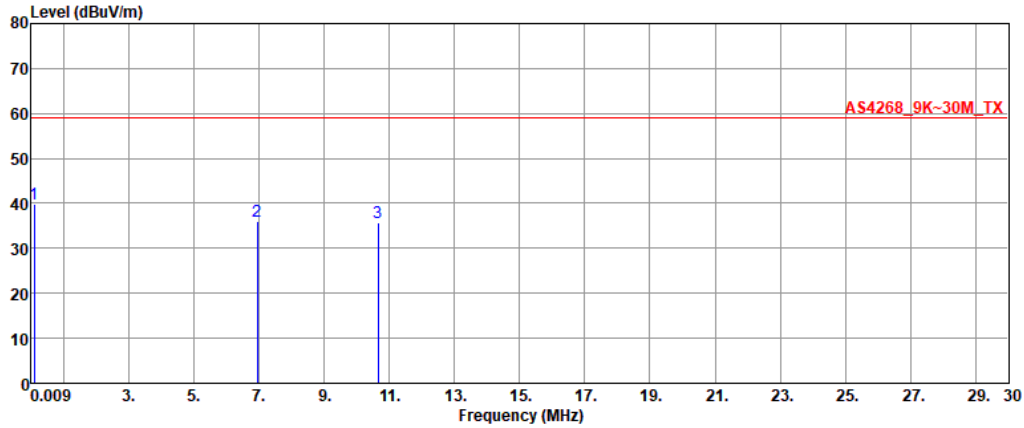
Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



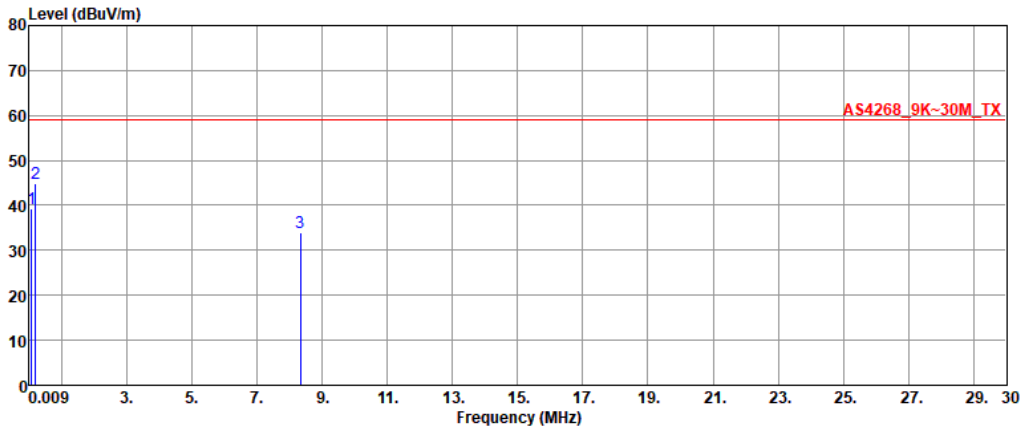
Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700																																			
Frequency	9kHz~30MHz																																					
Test By :2026-03-12 Temperature:25 Humidity(%):65  <table><tr><th></th><th>Freq.</th><th>Measured value</th><th>Limit</th><th>Margin</th><th>Factor</th><th>Reading</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dBuV</th></tr><tr><td>1</td><td>0.08</td><td>39.90</td><td>59.00</td><td>-19.10</td><td>18.72</td><td>21.18</td></tr><tr><td>2</td><td>6.95</td><td>35.95</td><td>59.00</td><td>-23.05</td><td>20.78</td><td>15.17</td></tr><tr><td>3</td><td>10.65</td><td>35.69</td><td>59.00</td><td>-23.31</td><td>21.20</td><td>14.49</td></tr></table>					Freq.	Measured value	Limit	Margin	Factor	Reading		MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	1	0.08	39.90	59.00	-19.10	18.72	21.18	2	6.95	35.95	59.00	-23.05	20.78	15.17	3	10.65	35.69	59.00	-23.31	21.20	14.49
	Freq.	Measured value	Limit	Margin	Factor	Reading																																
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV																																
1	0.08	39.90	59.00	-19.10	18.72	21.18																																
2	6.95	35.95	59.00	-23.05	20.78	15.17																																
3	10.65	35.69	59.00	-23.31	21.20	14.49																																
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB). Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).																																						

Configuration 7 : ANT1608LL14R2460A Antenna

Emissions (≤ 30 MHz)

Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		

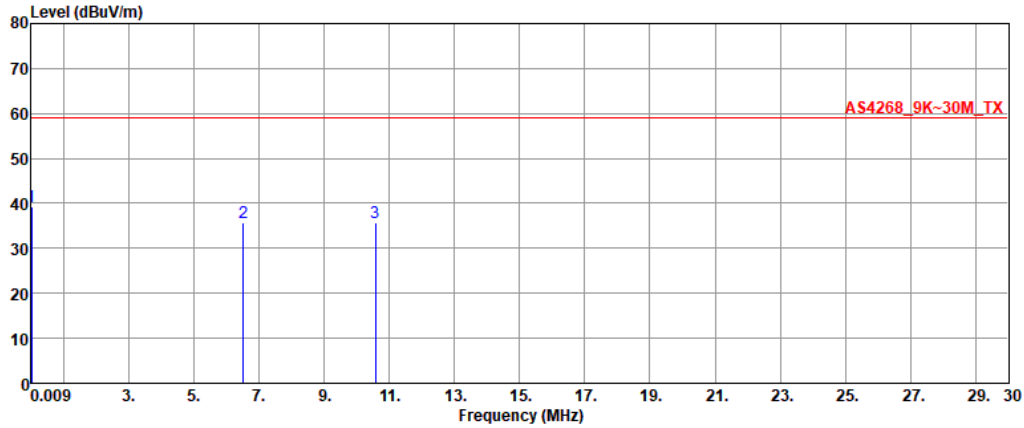
Test By :2026-03-12 Temperature:25 Humidity(%):65



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.07	39.13	59.00	-19.87	19.02	20.11
2	0.19	44.74	59.00	-14.26	19.40	25.34
3	8.33	34.03	59.00	-24.97	20.48	13.55

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5320																																			
Frequency	9kHz~30MHz																																					
Test By :2026-03-12 Temperature:25 Humidity(%):65  <table><tr><th></th><th>Freq.</th><th>Measured value</th><th>Limit</th><th>Margin</th><th>Factor</th><th>Reading</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dBuV</th></tr><tr><td>1</td><td>0.01</td><td>39.29</td><td>59.00</td><td>-19.71</td><td>18.91</td><td>20.38</td></tr><tr><td>2</td><td>6.52</td><td>35.83</td><td>59.00</td><td>-23.17</td><td>20.90</td><td>14.93</td></tr><tr><td>3</td><td>10.57</td><td>35.84</td><td>59.00</td><td>-23.16</td><td>21.17</td><td>14.67</td></tr></table>					Freq.	Measured value	Limit	Margin	Factor	Reading		MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	1	0.01	39.29	59.00	-19.71	18.91	20.38	2	6.52	35.83	59.00	-23.17	20.90	14.93	3	10.57	35.84	59.00	-23.16	21.17	14.67
	Freq.	Measured value	Limit	Margin	Factor	Reading																																
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV																																
1	0.01	39.29	59.00	-19.71	18.91	20.38																																
2	6.52	35.83	59.00	-23.17	20.90	14.93																																
3	10.57	35.84	59.00	-23.16	21.17	14.67																																
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB). Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).																																						

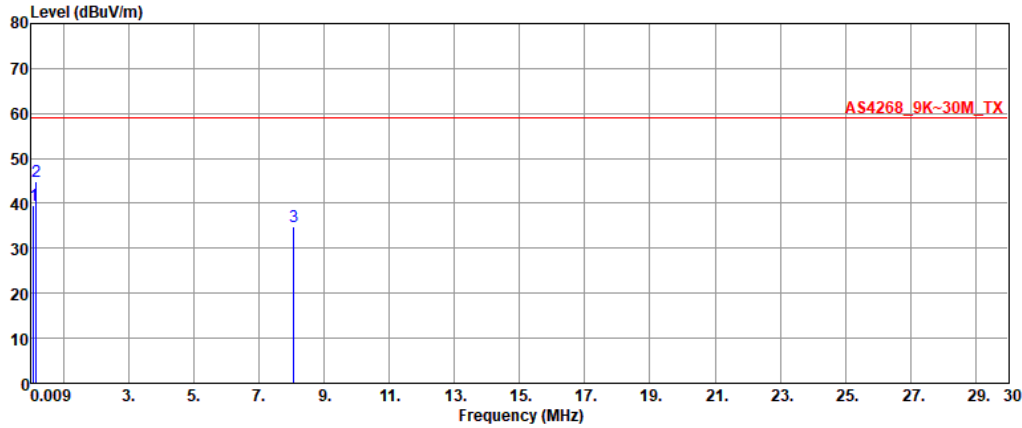


Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5500
Frequency	9kHz~30MHz		

Test By :2026-03-12

Temperature:25

Humidity(%):65



The graph displays the measured signal level in dBuV/m across a frequency range from 0.009 MHz to 30 MHz. A horizontal red line at 60 dBuV/m represents the limit. Three specific measurement points are highlighted with blue vertical lines and labels: Point 1 at 0.06 MHz (approx. 39.45 dBuV/m), Point 2 at 0.16 MHz (approx. 44.88 dBuV/m), and Point 3 at 8.05 MHz (approx. 34.84 dBuV/m). The x-axis is logarithmic, while the y-axis is linear.

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.06	39.45	59.00	-19.55	18.91	20.54
2	0.16	44.88	59.00	-14.12	19.21	25.67
3	8.05	34.84	59.00	-24.16	20.48	14.36

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20_OFMDA RU106	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) <			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



partial RU configuration

Emissions (Below 1GHz)

Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5180
Polarization	Horizontal			
Test By :Ryan Lee				



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5180	
Polarization	Vertical				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5320	
Polarization	Horizontal				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5320	
Polarization	Vertical				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5500
Polarization	Horizontal			
Test By :Ryan Lee				



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5500	
Polarization	Vertical				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5700
Polarization	Horizontal			
Test By :Ryan Lee				



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5700
Polarization	Vertical			
Test By :Ryan Lee				



Emissions (Above 1GHz)

Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5180	
Polarization	Horizontal				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5180	
Polarization	Vertical				
Test By :Ryan Lee					



Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5320
Polarization	Vertical			
Test By :Ryan Lee				



Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5500
Polarization	Vertical			
Test By :Ryan Lee				



Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5700	
Polarization	Horizontal				
Test By :Ryan Lee					

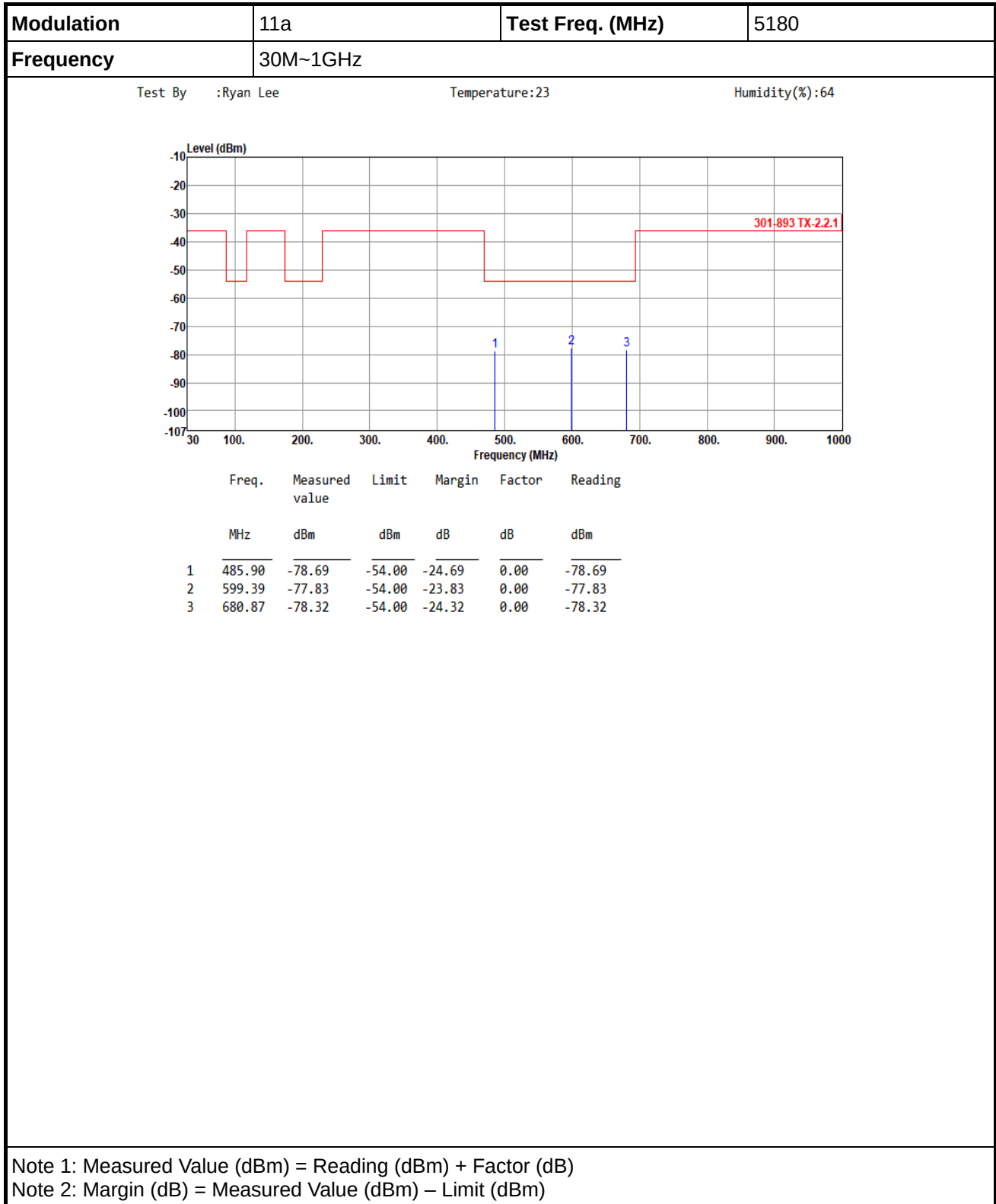


Modulation	ax HE20_OFDMA RU106		Test Freq. (MHz)	5700
Polarization	Vertical			
Test By :Ryan Lee				



full RU configuration

Emissions (Below 1GHz)





Modulation	11a	Test Freq. (MHz)	5700
Frequency	30M~1GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Frequency	30M~1GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Frequency	30M~1GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Frequency	30M~1GHz		
Test By :Ryan Lee			



Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5500
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5500
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm)			

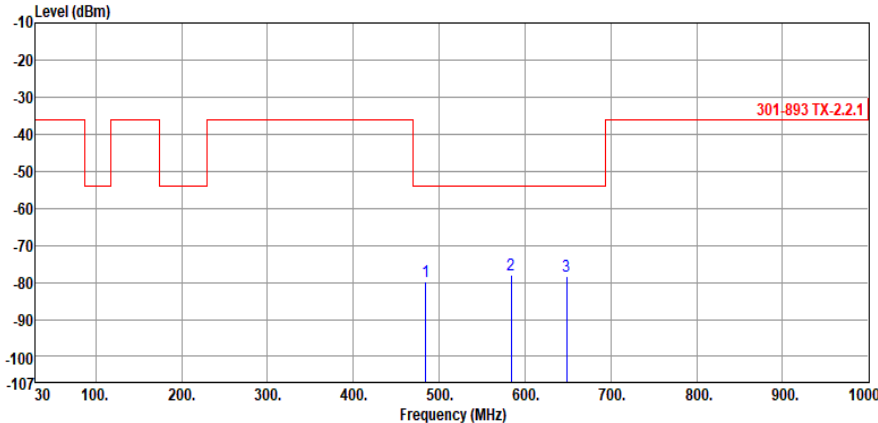


Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm)			

partial RU configuration

Emissions (Below 1GHz)

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5180
Frequency	30M~1GHz		

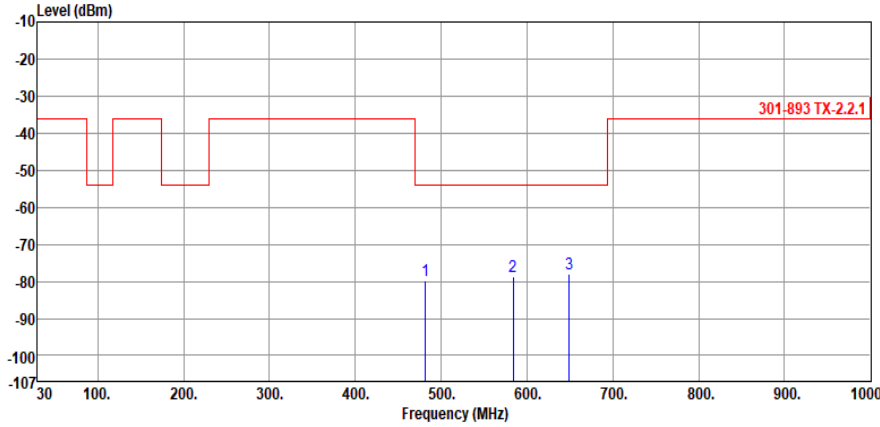


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	484.54	-79.78	-54.00	-25.78	0.00	-79.78
2	583.84	-78.13	-54.00	-24.13	0.00	-78.13
3	648.50	-78.42	-54.00	-24.42	0.00	-78.42

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5320
Frequency	30M~1GHz		

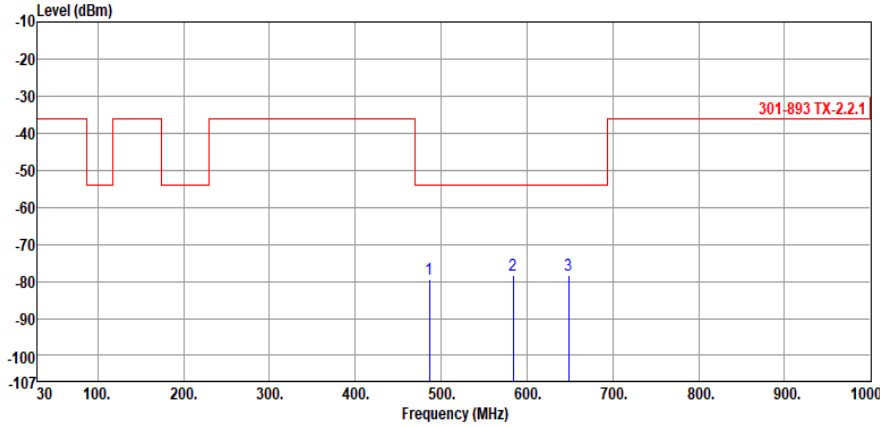


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	482.02	-79.81	-54.00	-25.81	0.00	-79.81
2	583.87	-78.64	-54.00	-24.64	0.00	-78.64
3	648.86	-78.07	-54.00	-24.07	0.00	-78.07

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5500
Frequency	30M~1GHz		

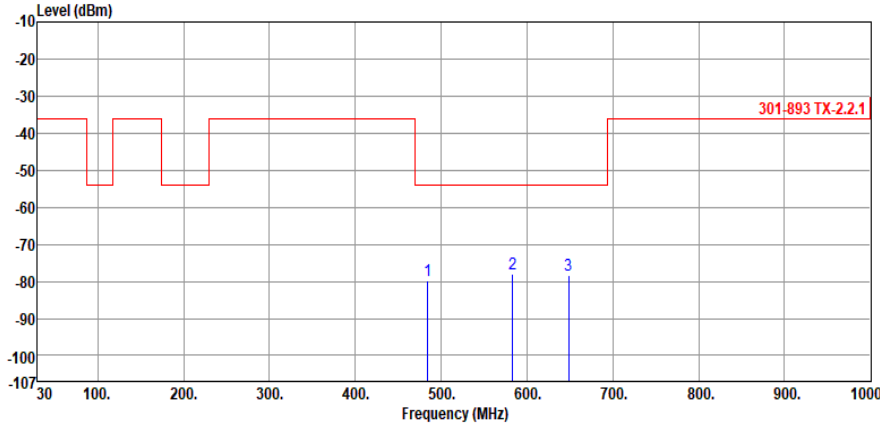


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	486.24	-79.49	-54.00	-25.49	0.00	-79.49
2	584.00	-78.54	-54.00	-24.54	0.00	-78.54
3	648.51	-78.52	-54.00	-24.52	0.00	-78.52

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5700
Frequency	30M~1GHz		



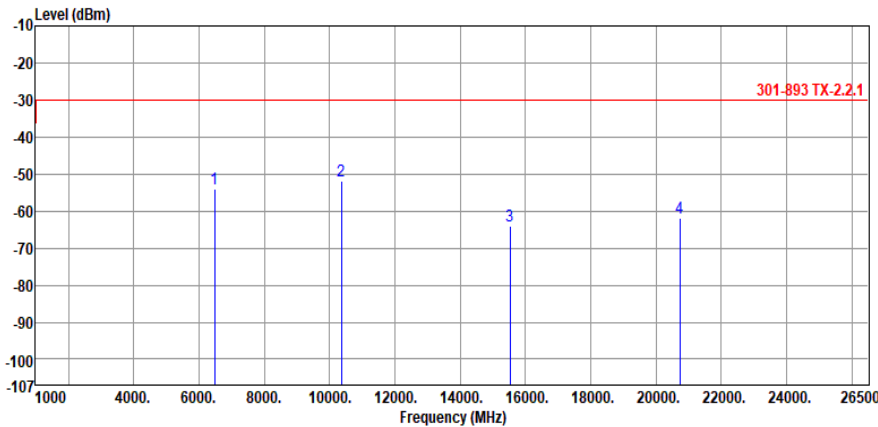
	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	484.61	-79.75	-54.00	-25.75	0.00	-79.75
2	583.21	-78.15	-54.00	-24.15	0.00	-78.15
3	648.21	-78.52	-54.00	-24.52	0.00	-78.52

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Emissions (Above 1GHz)

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5180
Frequency	1GHz~26.5GHz		

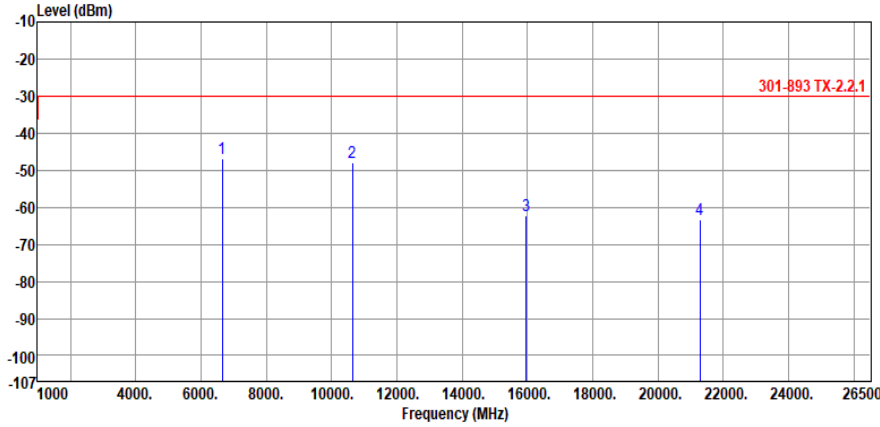


Freq.	Measured value	Limit	Margin	Factor	Reading
MHz	dBm	dBm	dB	dB	dBm
1 6474.71	-53.94	-30.00	-23.94	0.00	-53.94
2 10364.90	-51.73	-30.00	-21.73	0.00	-51.73
3 15533.40	-64.22	-30.00	-34.22	0.00	-64.22
4 20722.55	-61.90	-30.00	-31.90	0.00	-61.90

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5320
Frequency	1GHz~26.5GHz		

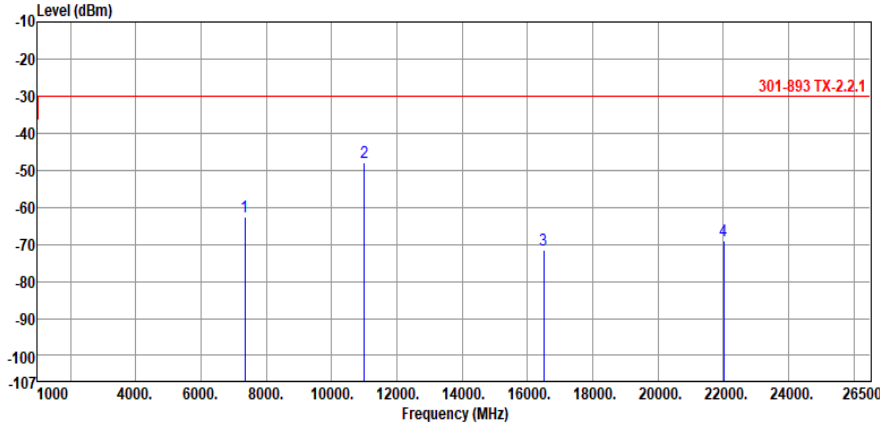


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	6650.05	-46.97	-30.00	-16.97	0.00	-46.97
2	10640.90	-48.05	-30.00	-18.05	0.00	-48.05
3	15963.00	-62.32	-30.00	-32.32	0.00	-62.32
4	21281.60	-63.32	-30.00	-33.32	0.00	-63.32

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5500
Frequency	1GHz~26.5GHz		

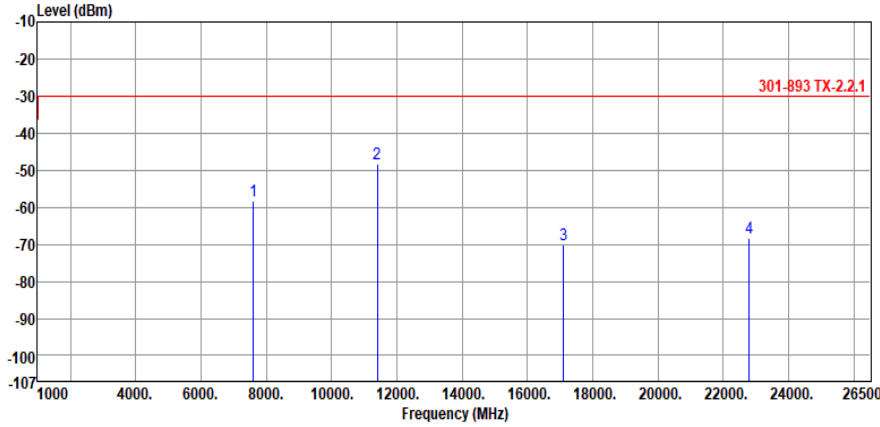


	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7338.85	-62.64	-30.00	-32.64	0.00	-62.64
2	11002.05	-47.92	-30.00	-17.92	0.00	-47.92
3	16496.40	-71.53	-30.00	-41.53	0.00	-71.53
4	22010.75	-68.88	-30.00	-38.88	0.00	-68.88

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Modulation	ax HE20_OFDMA RU106	Test Freq. (MHz)	5700
Frequency	1GHz~26.5GHz		



	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	7596.35	-58.36	-30.00	-28.36	0.00	-58.36
2	11399.65	-48.32	-30.00	-18.32	0.00	-48.32
3	17096.55	-70.16	-30.00	-40.16	0.00	-70.16
4	22796.15	-68.33	-30.00	-38.33	0.00	-68.33

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

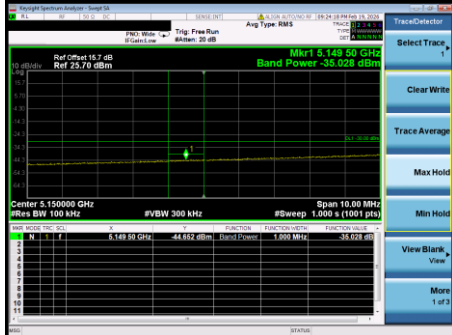
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

Radiated Band edge

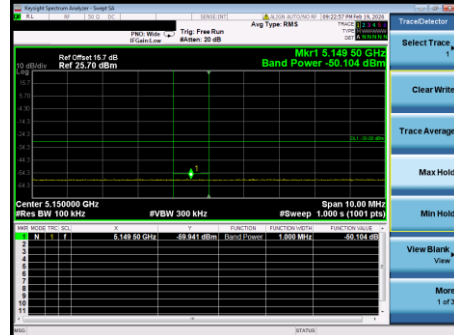


ax HET20_OFDMA

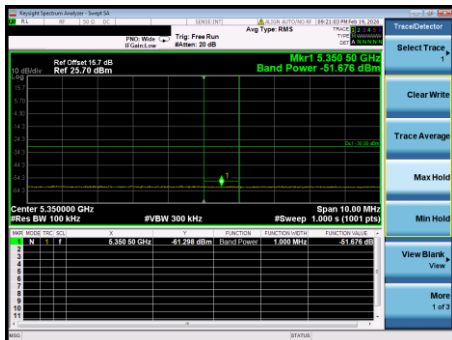
5180MHz



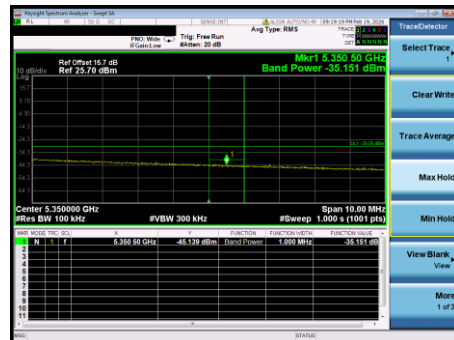
5240MHz



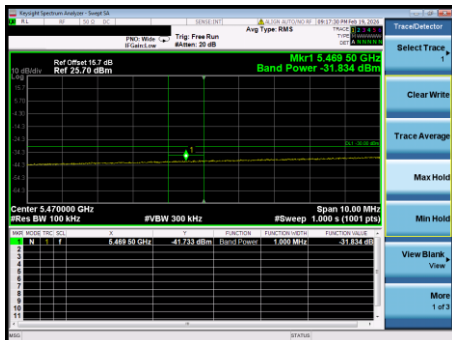
5260MHz



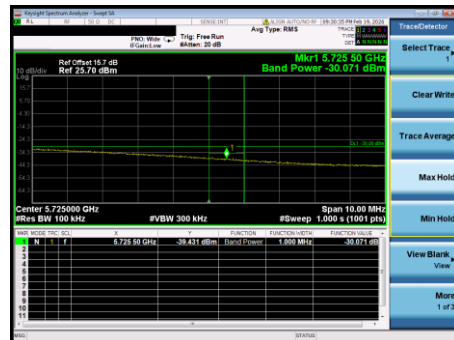
5320MHz



5500MHz



5700MHz



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
5.15-5.25GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.181625G	6.26	5.191041G	-21.38	-13.77	-7.61	1
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	Pass	5.240509G	6.28	5.263473G	-30.06	-24.60	-5.46	1
5.25-5.35GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.261514G	6.09	5.27102G	-22.72	-13.93	-8.79	1
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	Pass	5.320649G	6.03	5.341295G	-28.64	-23.01	-5.63	1
5.47-5.725GHz	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.701623G	6.16	5.688973G	-23.51	-13.86	-9.65	1
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	Pass	5.700616G	6.16	5.669836G	-34.28	-30.00	-4.28	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Port
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz_Tnom	Pass	5.181625G	6.26	5.191041G	-21.38	-13.77	-7.61	1
5180MHz_Tnom	Pass	5.181625G	6.26	5.507398G	-45.26	-30.00	-15.26	1
5240MHz_Tnom	Pass	5.241713G	6.07	5.250984G	-21.77	-13.62	-8.15	1
5240MHz_Tnom	Pass	5.241713G	6.07	5.489987G	-45.36	-30.00	-15.36	1
5260MHz_Tnom	Pass	5.261514G	6.09	5.27102G	-22.72	-13.93	-8.79	1
5260MHz_Tnom	Pass	5.261514G	6.09	5.49615G	-45.33	-30.00	-15.33	1
5320MHz_Tnom	Pass	5.321817G	5.58	5.331089G	-24.01	-14.50	-9.51	1
5320MHz_Tnom	Pass	5.321817G	5.58	5.350585G	-44.68	-30.00	-14.68	1
5500MHz_Tnom	Pass	5.501792G	5.72	5.489016G	-23.85	-13.95	-9.90	1
5500MHz_Tnom	Pass	5.501792G	5.72	5.469395G	-44.11	-30.00	-14.11	1
5700MHz_Tnom	Pass	5.701623G	6.16	5.688973G	-23.51	-13.86	-9.65	1
5700MHz_Tnom	Pass	5.701623G	6.16	5.158643G	-44.57	-30.00	-14.57	1
802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz_Tnom	Pass	5.180565G	6.34	5.200654G	-27.91	-22.21	-5.70	1
5180MHz_Tnom	Pass	5.180565G	6.34	5.499708G	-45.28	-30.00	-15.28	1
5240MHz_Tnom	Pass	5.240509G	6.28	5.263473G	-30.06	-24.60	-5.46	1
5240MHz_Tnom	Pass	5.240509G	6.28	5.5157G	-45.23	-30.00	-15.23	1
5260MHz_Tnom	Pass	5.260472G	5.96	5.277938G	-29.15	-20.21	-8.94	1
5260MHz_Tnom	Pass	5.260472G	5.96	5.556507G	-45.32	-30.00	-15.32	1
5320MHz_Tnom	Pass	5.320649G	6.03	5.341295G	-28.64	-23.01	-5.63	1
5320MHz_Tnom	Pass	5.320649G	6.03	5.350136G	-36.60	-30.00	-6.60	1
5500MHz_Tnom	Pass	5.50048G	5.83	5.523355G	-31.11	-24.80	-6.31	1
5500MHz_Tnom	Pass	5.50048G	5.83	5.469628G	-36.82	-30.00	-6.82	1
5700MHz_Tnom	Pass	5.700616G	6.16	5.669836G	-34.28	-30.00	-4.28	1
5700MHz_Tnom	Pass	5.700616G	6.16	5.154708G	-44.38	-30.00	-14.38	1

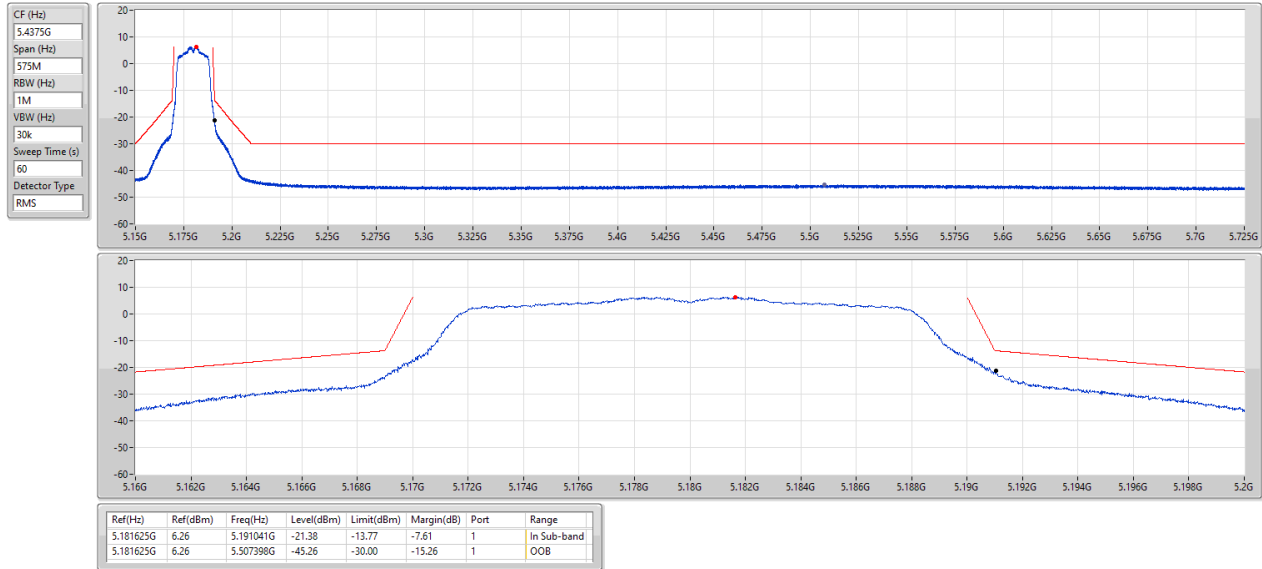


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5180MHz_Tnom

17/02/2026

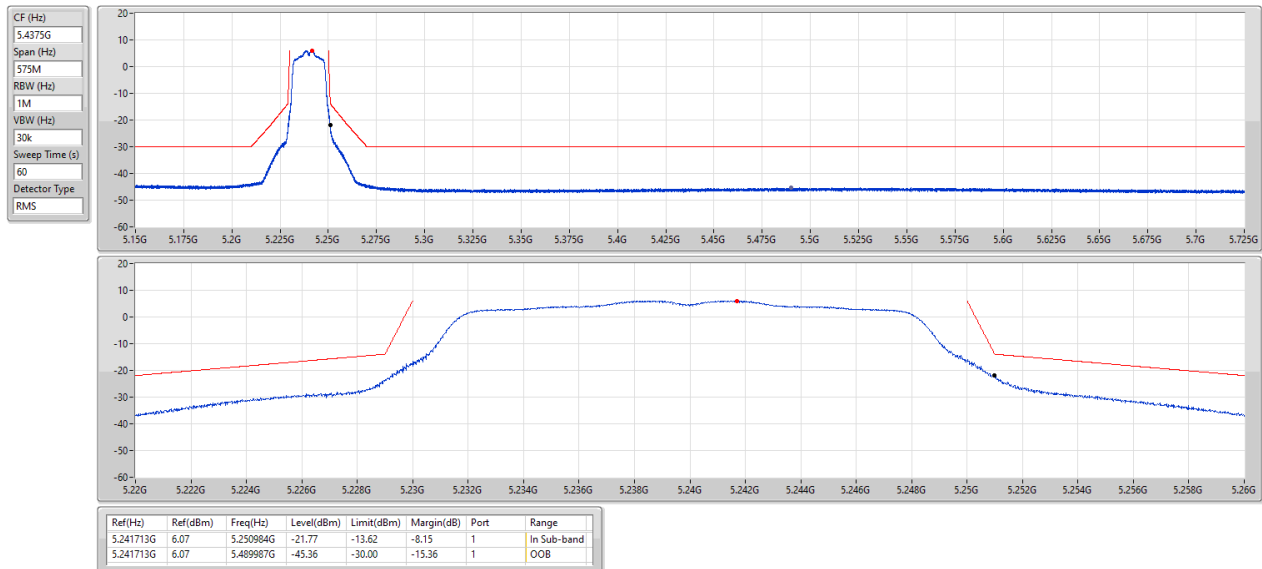


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5240MHz_Tnom

17/02/2026



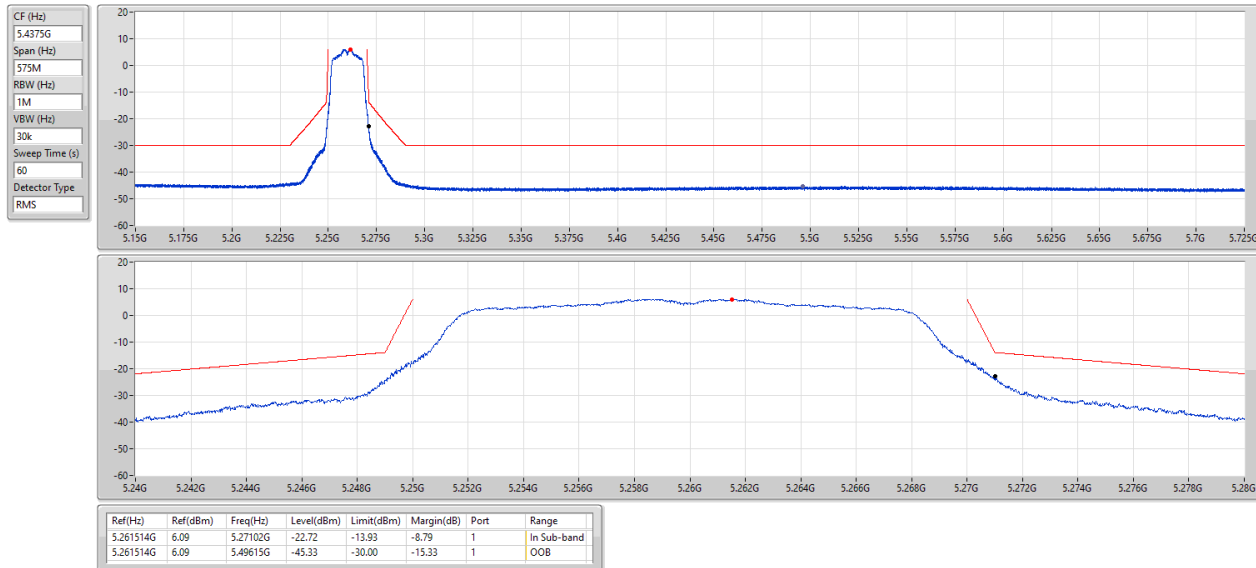


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5260MHz_Tnom

17/02/2026

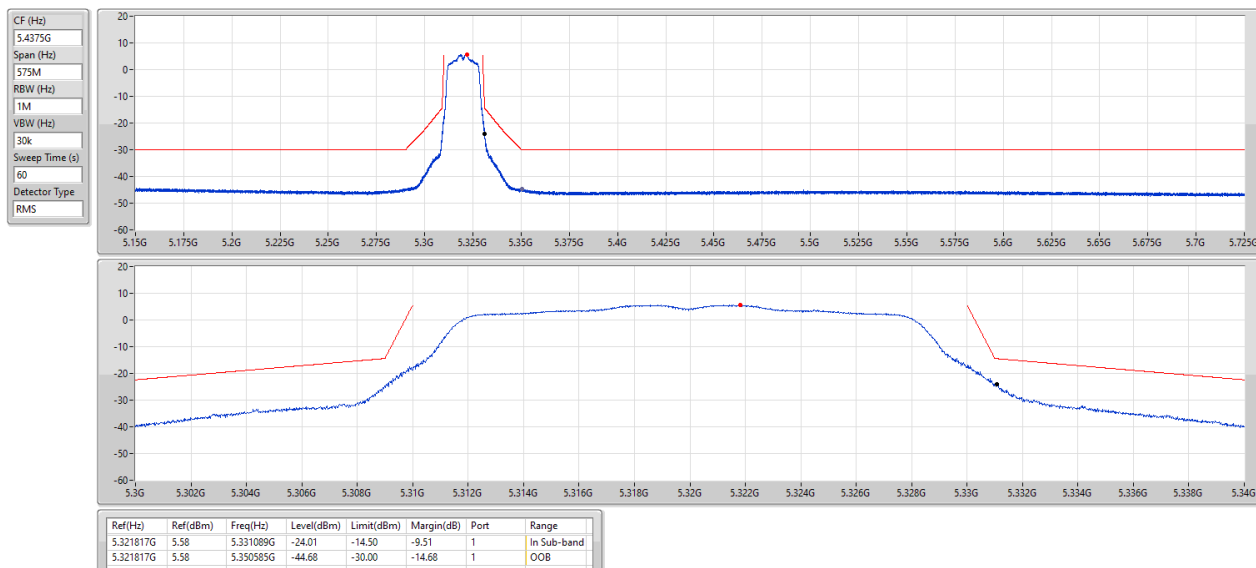


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5320MHz_Tnom

17/02/2026



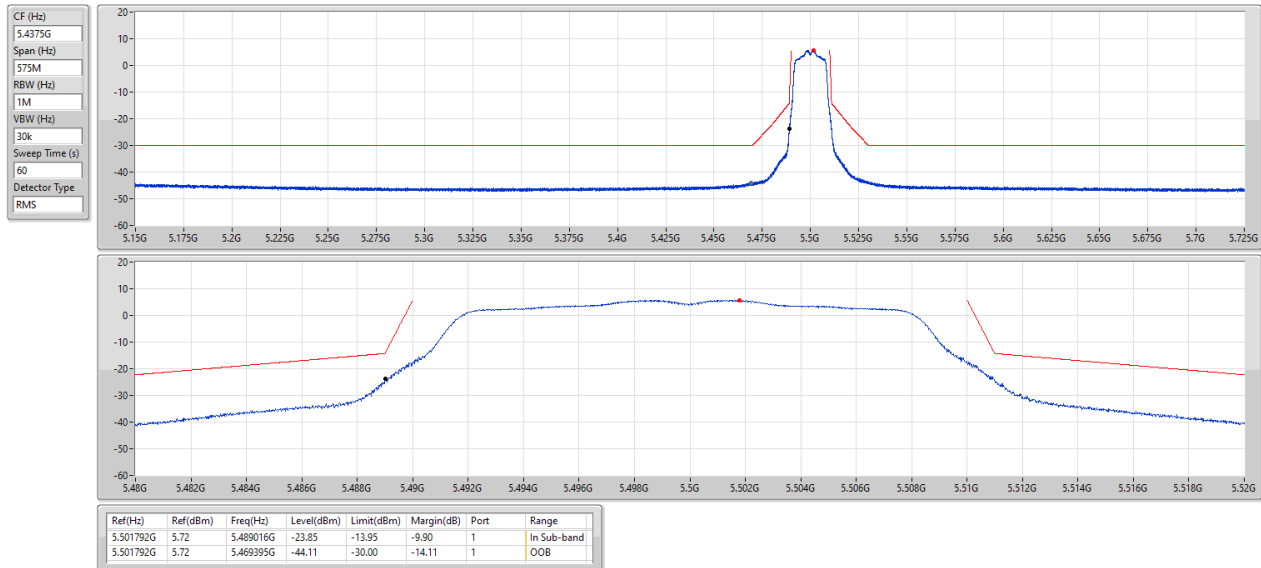


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5500MHz_Tnom

17/02/2026

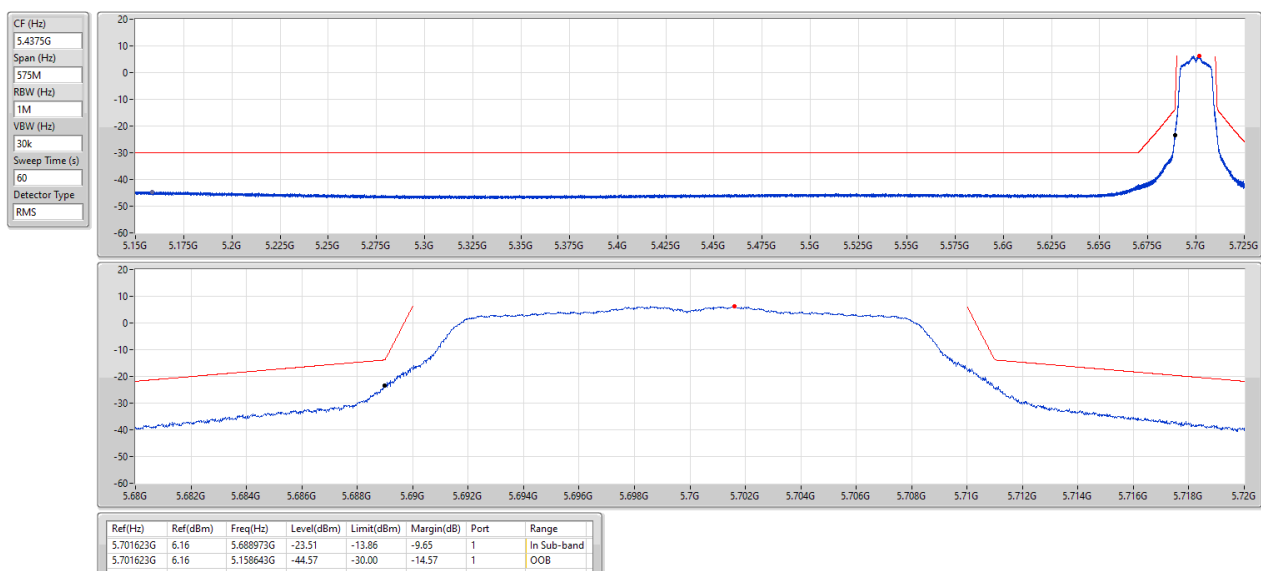


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

MASK

5700MHz_Tnom

17/02/2026



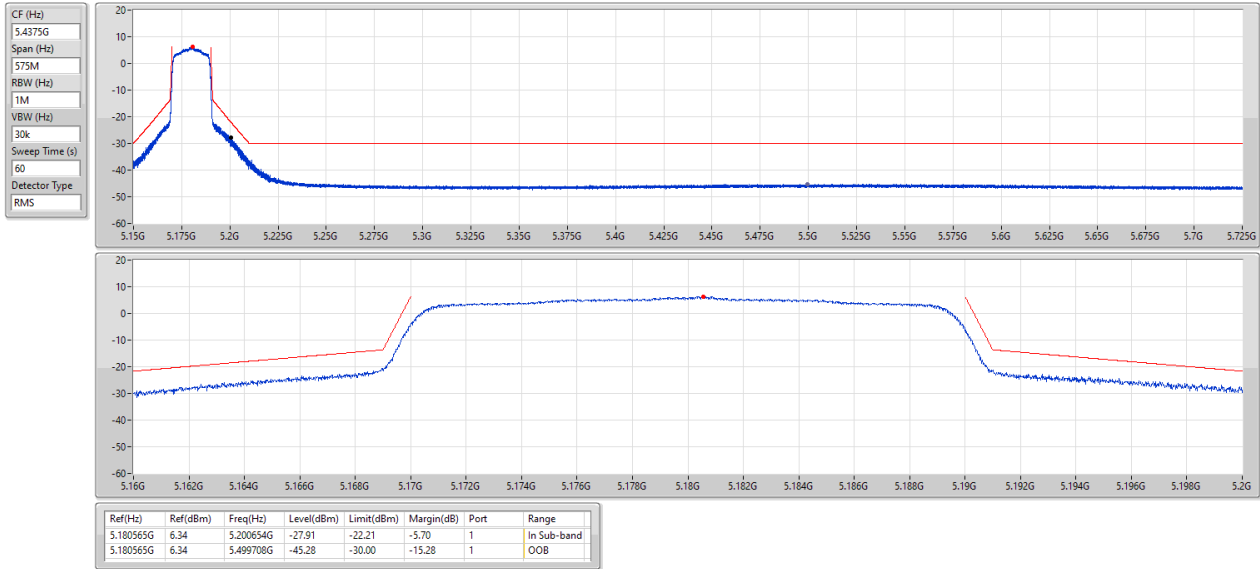


5.15-5.25GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5180MHz_Tnom

17/02/2026

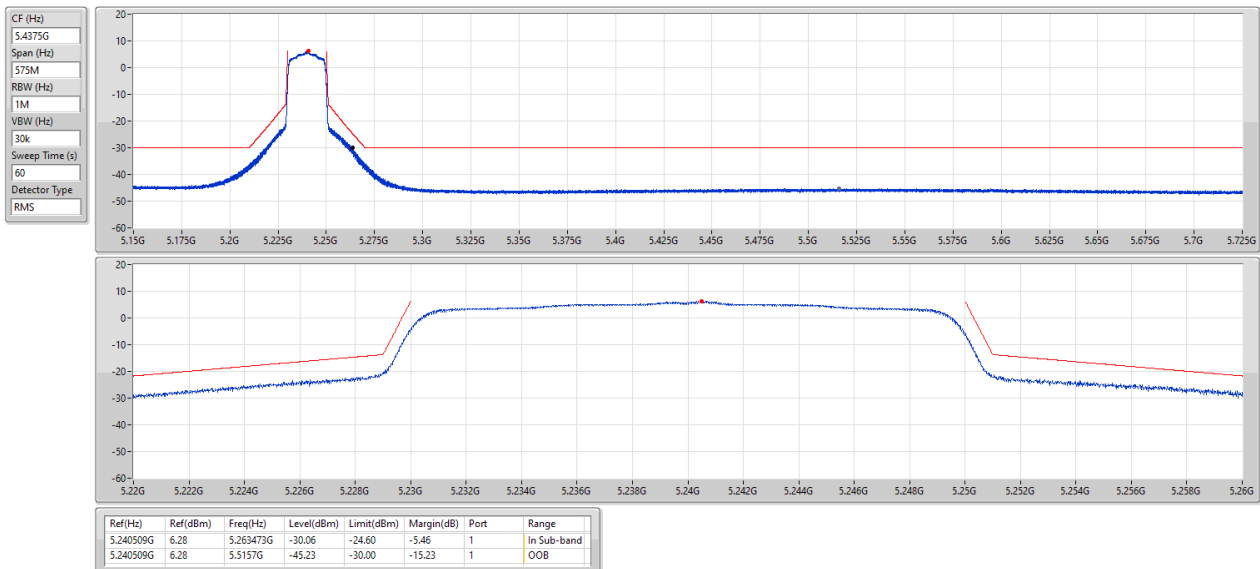


5.15-5.25GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5240MHz_Tnom

17/02/2026



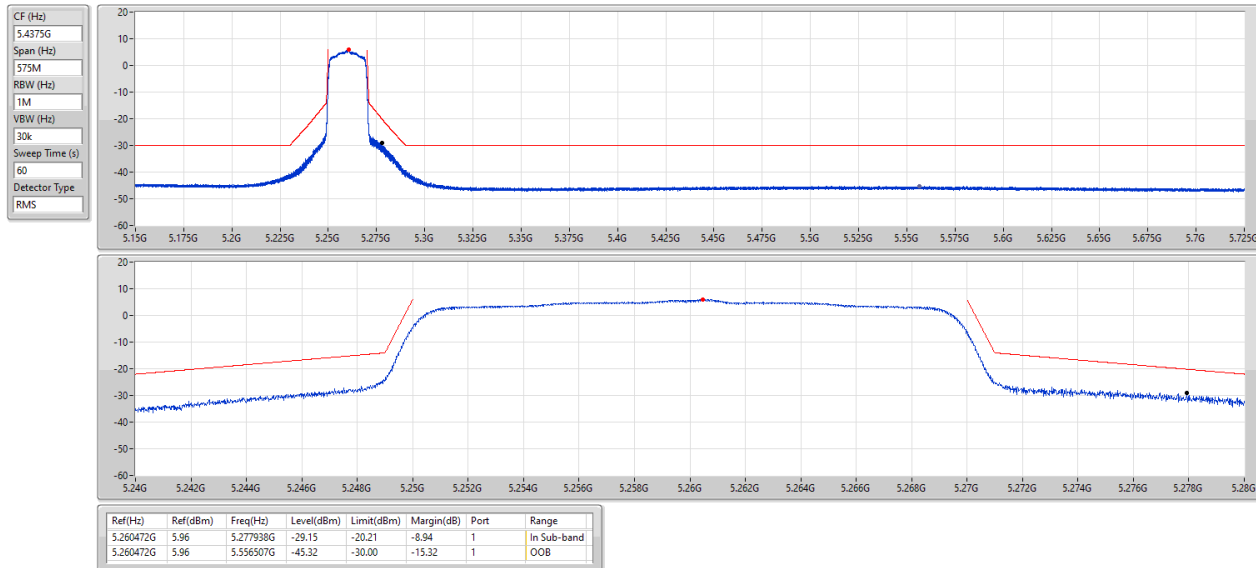


5.25-5.35GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5260MHz_Tnom

17/02/2026

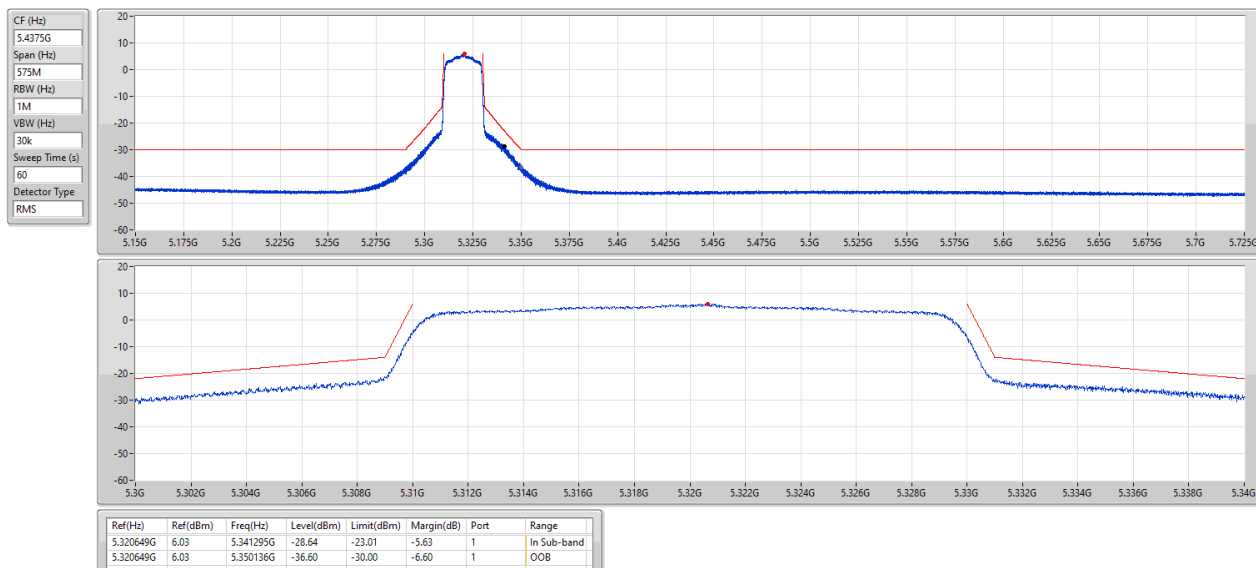


5.25-5.35GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5320MHz_Tnom

17/02/2026



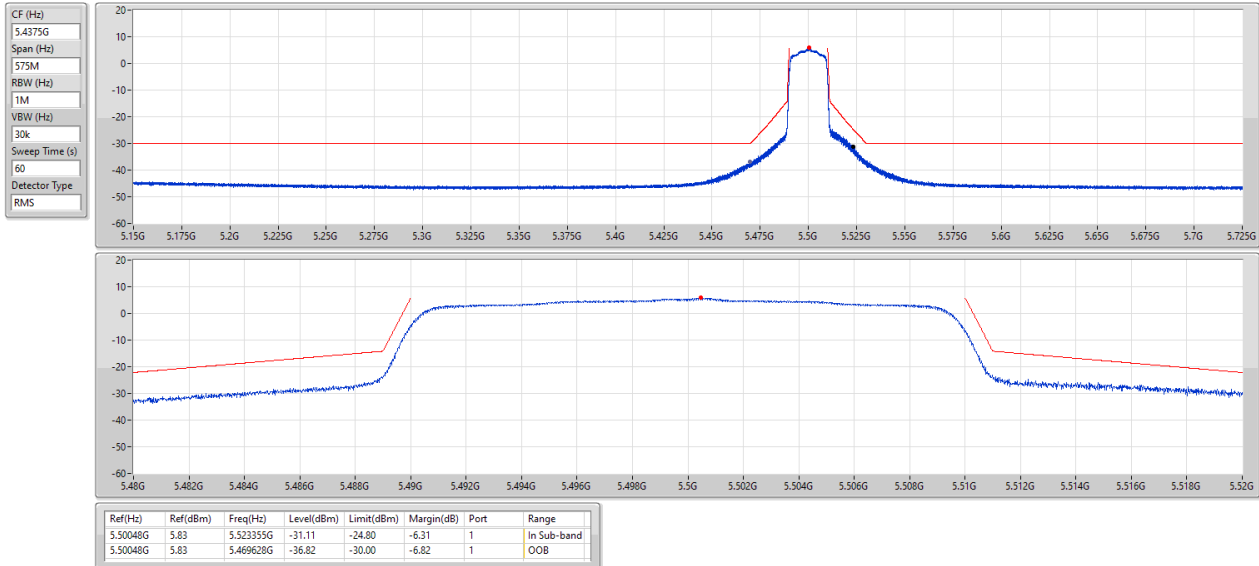


5.47-5.725GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5500MHz_Tnom

17/02/2026

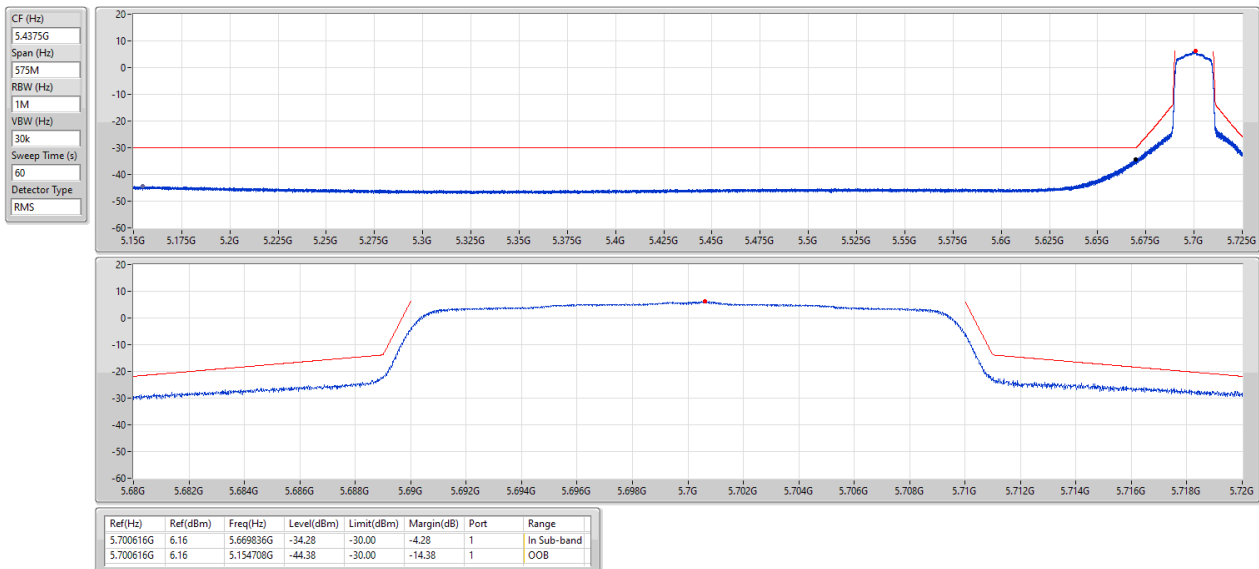


5.47-5.725GHz_802.11ax HEW20 OFDMA_Nss1,(MCS0)_1TX

MASK

5700MHz_Tnom

17/02/2026





Configuration 1 : EFD2471A3S-10MH4L Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180																																			
Frequency	9kHz~30MHz																																					
Test By :2026-03-12 Temperature:25 Humidity(%):65																																						
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Measured value</th><th>Limit</th><th>Margin</th><th>Factor</th><th>Reading</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dBuV</th></tr><tr><td>1</td><td>0.04</td><td>39.42</td><td>59.00</td><td>-19.58</td><td>19.88</td><td>19.54</td></tr><tr><td>2</td><td>6.94</td><td>35.38</td><td>59.00</td><td>-23.62</td><td>20.79</td><td>14.59</td></tr><tr><td>3</td><td>8.43</td><td>34.26</td><td>59.00</td><td>-24.74</td><td>20.48</td><td>13.78</td></tr></table>					Freq.	Measured value	Limit	Margin	Factor	Reading		MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	1	0.04	39.42	59.00	-19.58	19.88	19.54	2	6.94	35.38	59.00	-23.62	20.79	14.59	3	8.43	34.26	59.00	-24.74	20.48	13.78
	Freq.	Measured value	Limit	Margin	Factor	Reading																																
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV																																
1	0.04	39.42	59.00	-19.58	19.88	19.54																																
2	6.94	35.38	59.00	-23.62	20.79	14.59																																
3	8.43	34.26	59.00	-24.74	20.48	13.78																																
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB). Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).																																						

Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By	:2026-03-12		Temperature:25
			Humidity(%):65

The spectrum plot displays the measured signal levels across a frequency range from 0.009 MHz to 30 MHz. The y-axis represents the level in dBuV/m, ranging from 0 to 80. A red horizontal line indicates the limit at 60 dBuV/m. Three specific peaks are identified and labeled with their frequency, measured value, limit, margin, factor, and reading.

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.09	39.02	59.00	-19.98	18.88	20.14
2	0.20	43.58	59.00	-15.42	19.43	24.15
3	7.19	35.98	59.00	-23.02	20.71	15.27

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			



Configuration 2 : EFB2471A3S-10MH4L Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180																																			
Frequency	9kHz~30MHz																																					
Test By :2026-03-12 Temperature:25 Humidity(%):65																																						
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Measured value</th><th>Limit</th><th>Margin</th><th>Factor</th><th>Reading</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dBuV</th></tr><tr><td>1</td><td>0.01</td><td>39.02</td><td>59.00</td><td>-19.98</td><td>19.08</td><td>19.94</td></tr><tr><td>2</td><td>6.81</td><td>35.62</td><td>59.00</td><td>-23.38</td><td>20.81</td><td>14.81</td></tr><tr><td>3</td><td>8.77</td><td>34.29</td><td>59.00</td><td>-24.71</td><td>20.48</td><td>13.81</td></tr></table>					Freq.	Measured value	Limit	Margin	Factor	Reading		MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV	1	0.01	39.02	59.00	-19.98	19.08	19.94	2	6.81	35.62	59.00	-23.38	20.81	14.81	3	8.77	34.29	59.00	-24.71	20.48	13.81
	Freq.	Measured value	Limit	Margin	Factor	Reading																																
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV																																
1	0.01	39.02	59.00	-19.98	19.08	19.94																																
2	6.81	35.62	59.00	-23.38	20.81	14.81																																
3	8.77	34.29	59.00	-24.71	20.48	13.81																																
Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB). Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).																																						



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) <			



Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			



Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12			

Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		

Test By : 2026-03-12
Temperature: 25
Humidity(%): 65

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.01	39.39	59.00	-19.61	19.25	20.14
2	0.19	43.02	59.00	-15.98	19.40	23.62
3	7.46	35.72	59.00	-23.28	20.63	15.09

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

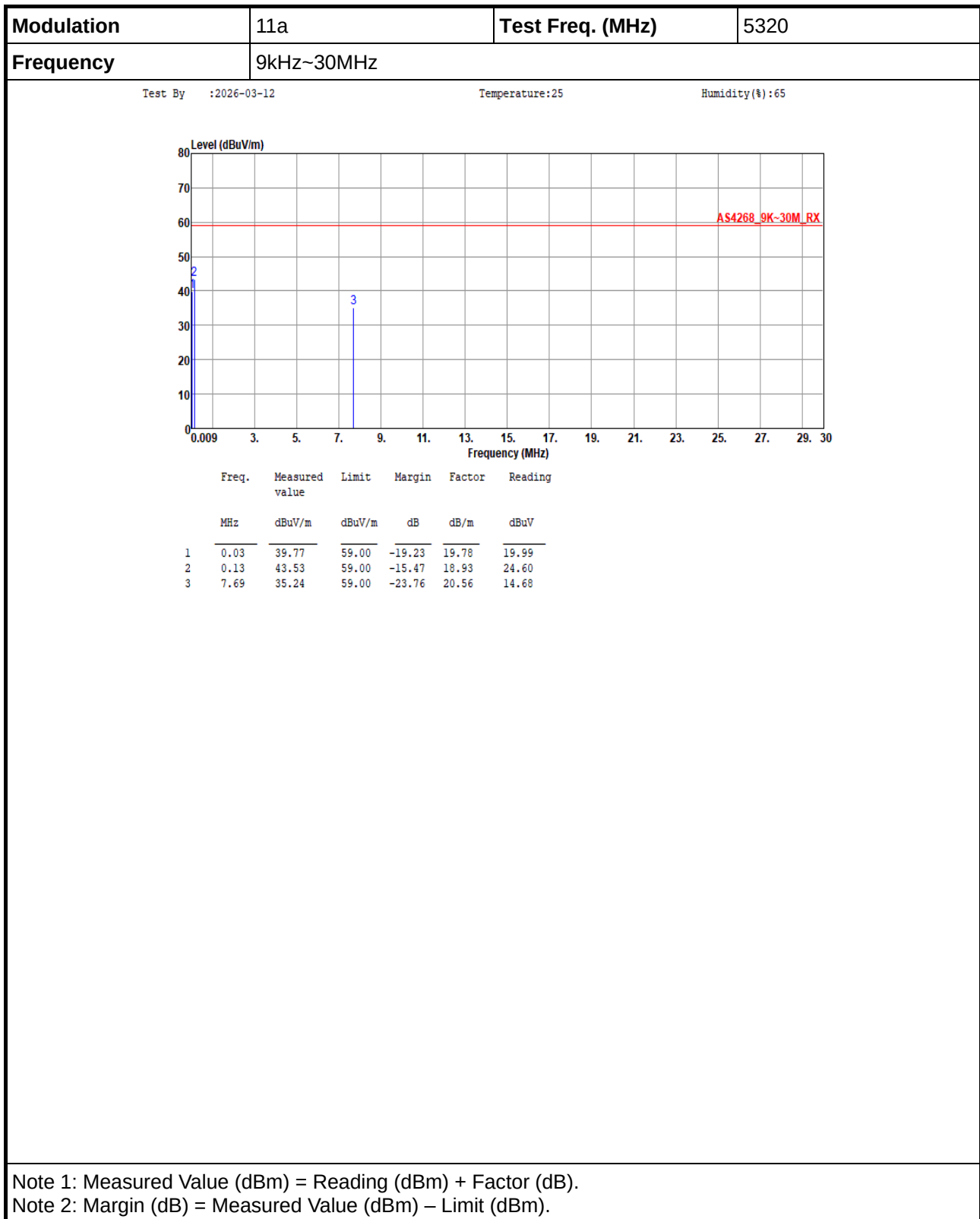
Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Configuration 3 : EMF2471A3S-10MH4L Antenna

Emissions ($\leq 30\text{MHz}$)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12 Temperature:25 Humidity(%):65			
Level (dBuV/m) </			

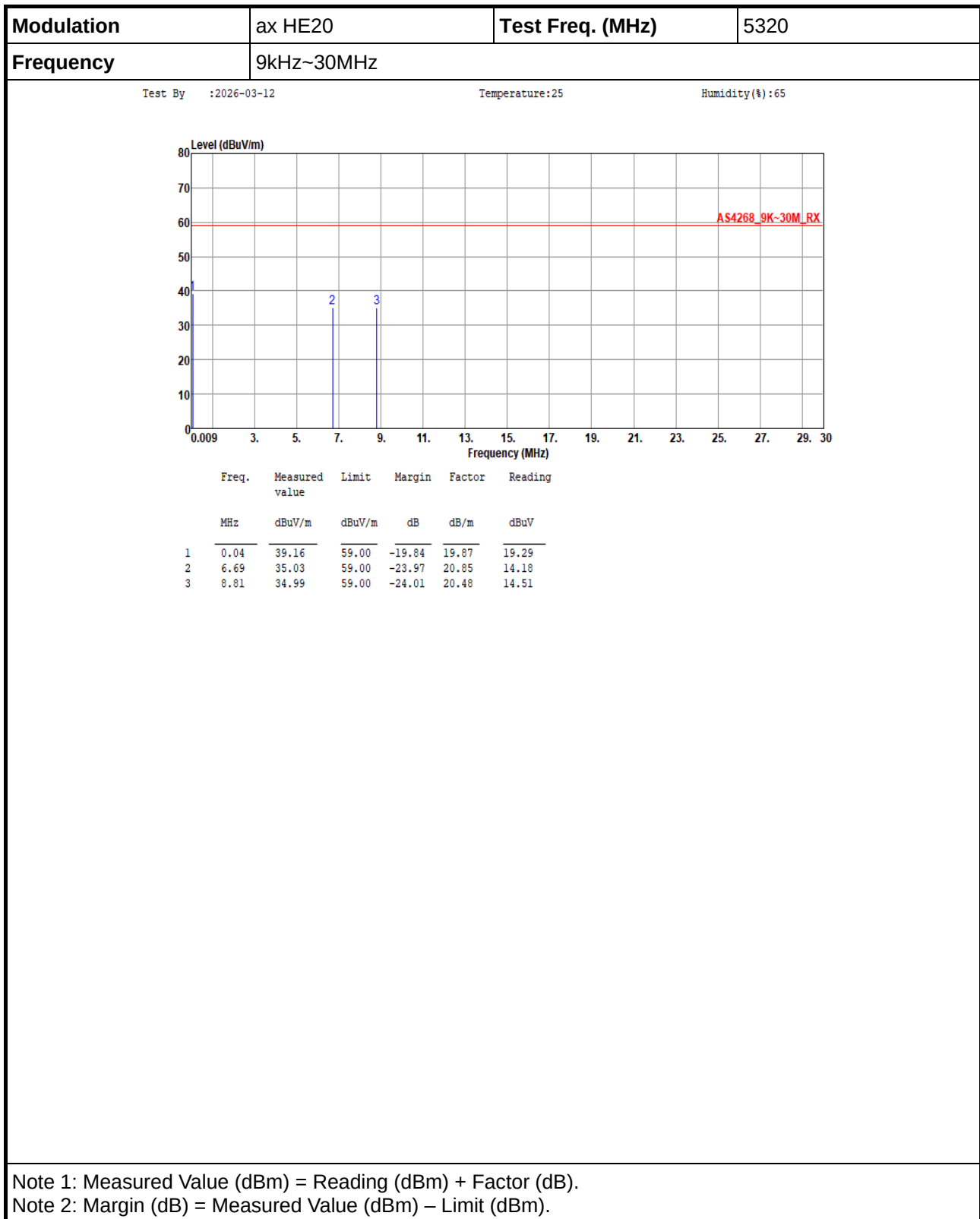


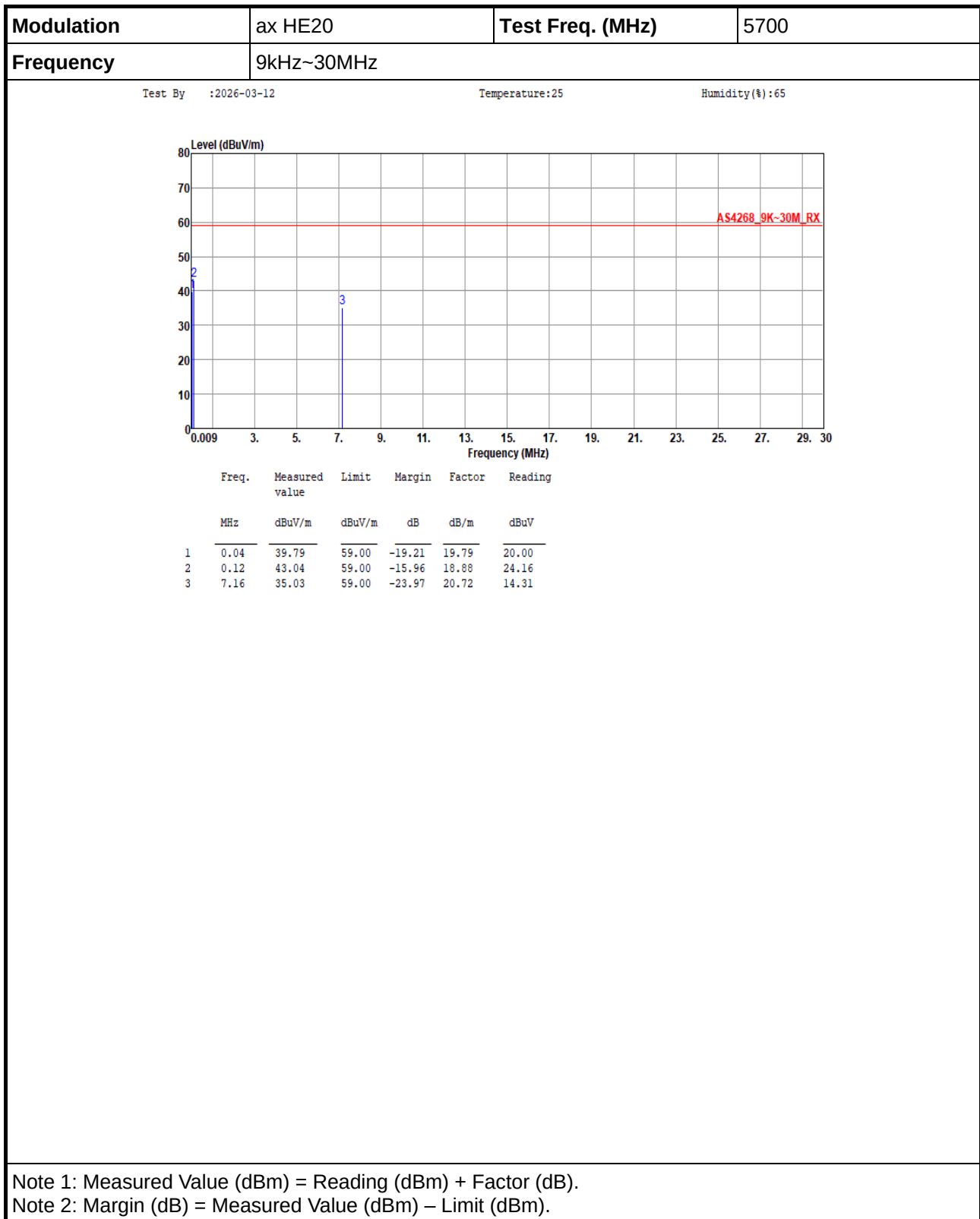


Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			







Configuration 4 : TWX-100BRS3B Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12 Temperature:25 Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		

Test By : 2026-03-12
Temperature: 25
Humidity (%): 65

The spectrum plot displays the measured signal level in dBuV/m across a frequency range from 0.009 MHz to 30 MHz. A red horizontal line represents the limit at 60 dBuV/m. Two specific frequency points are highlighted with blue vertical lines and labeled: point 2 at 6.76 MHz and point 3 at 8.24 MHz. The measured values at these points are 35.72 dBuV/m and 34.81 dBuV/m, respectively, both well below the 60 dBuV/m limit.

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBuV/m	dBuV/m	dB	dB/m	dBuV
1	0.08	39.12	59.00	-19.88	18.67	20.45
2	6.76	35.72	59.00	-23.28	20.83	14.89
3	8.24	34.81	59.00	-24.19	20.48	14.33

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			



Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m) </			



Configuration 5 : 001-0021 Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12 Temperature:25 Humidity(%):65			
Level (dBuV/m) </			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12			
Temperature:25		Humidity(%):65	
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) <			



Modulation	ax HE20	Test Freq. (MHz)	5320
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			



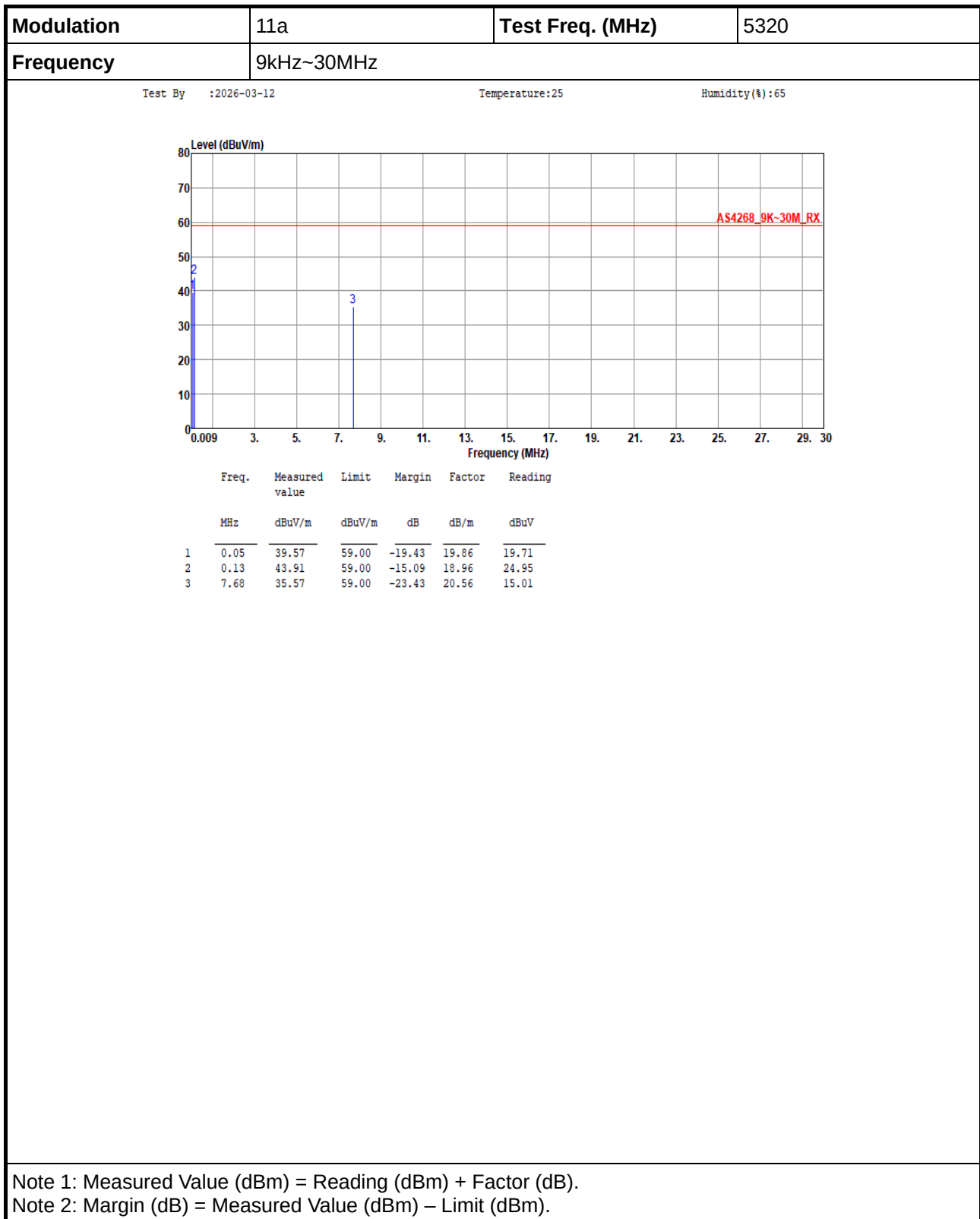
Modulation	ax HE20	Test Freq. (MHz)	5700
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m) </			

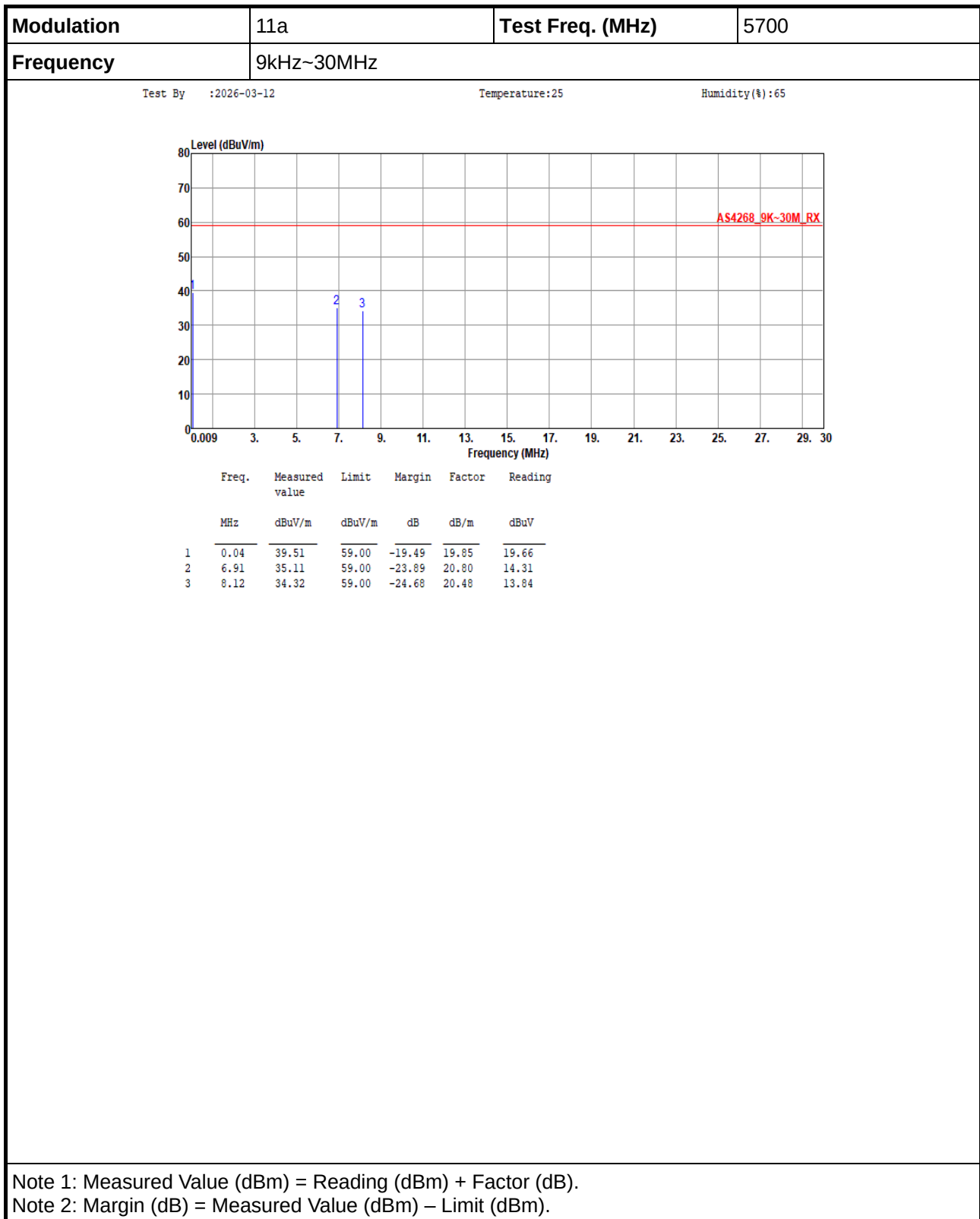


Configuration 6 : EFB2455A3S-15MH4L Antenna

Emissions (≤ 30 MHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12			



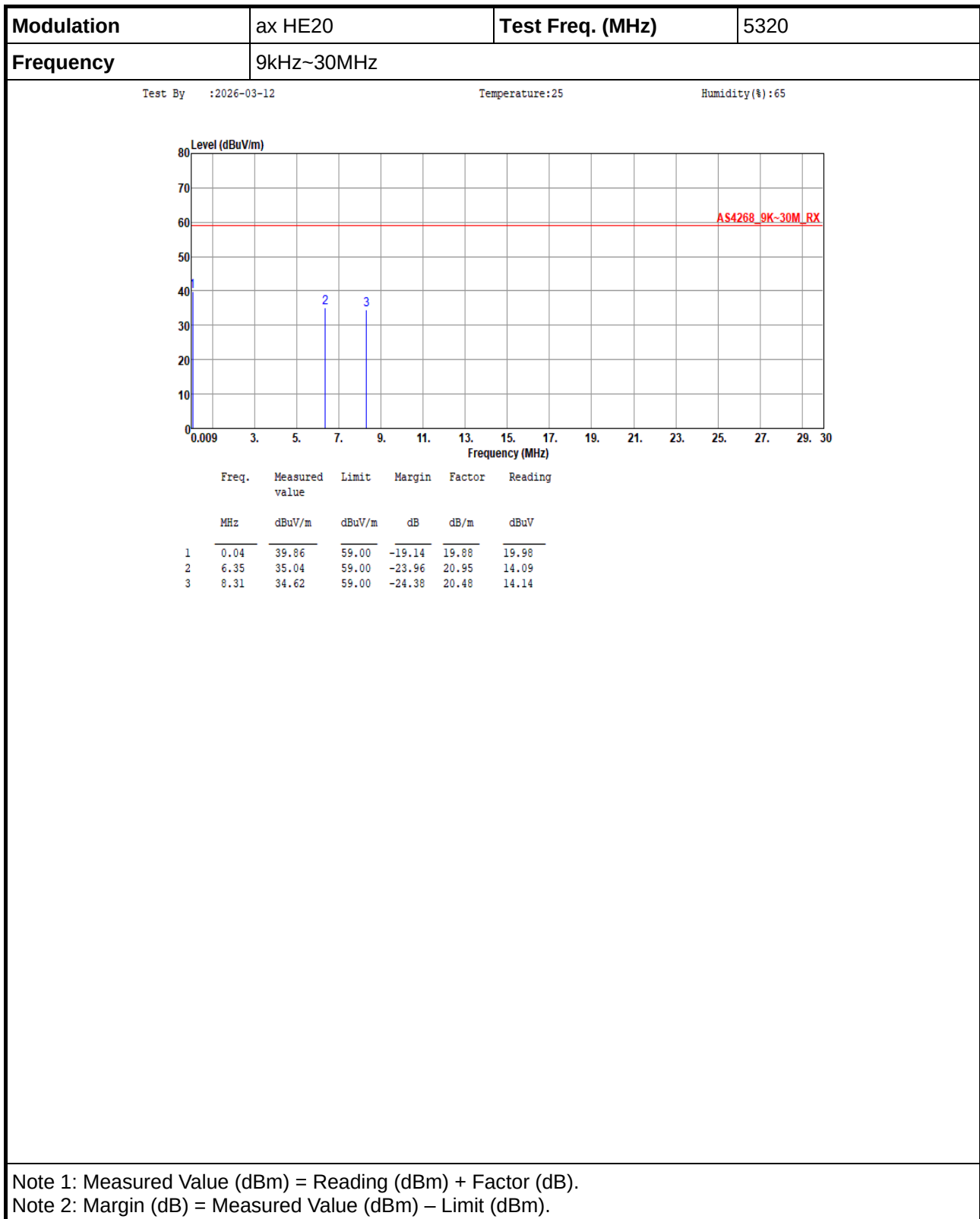


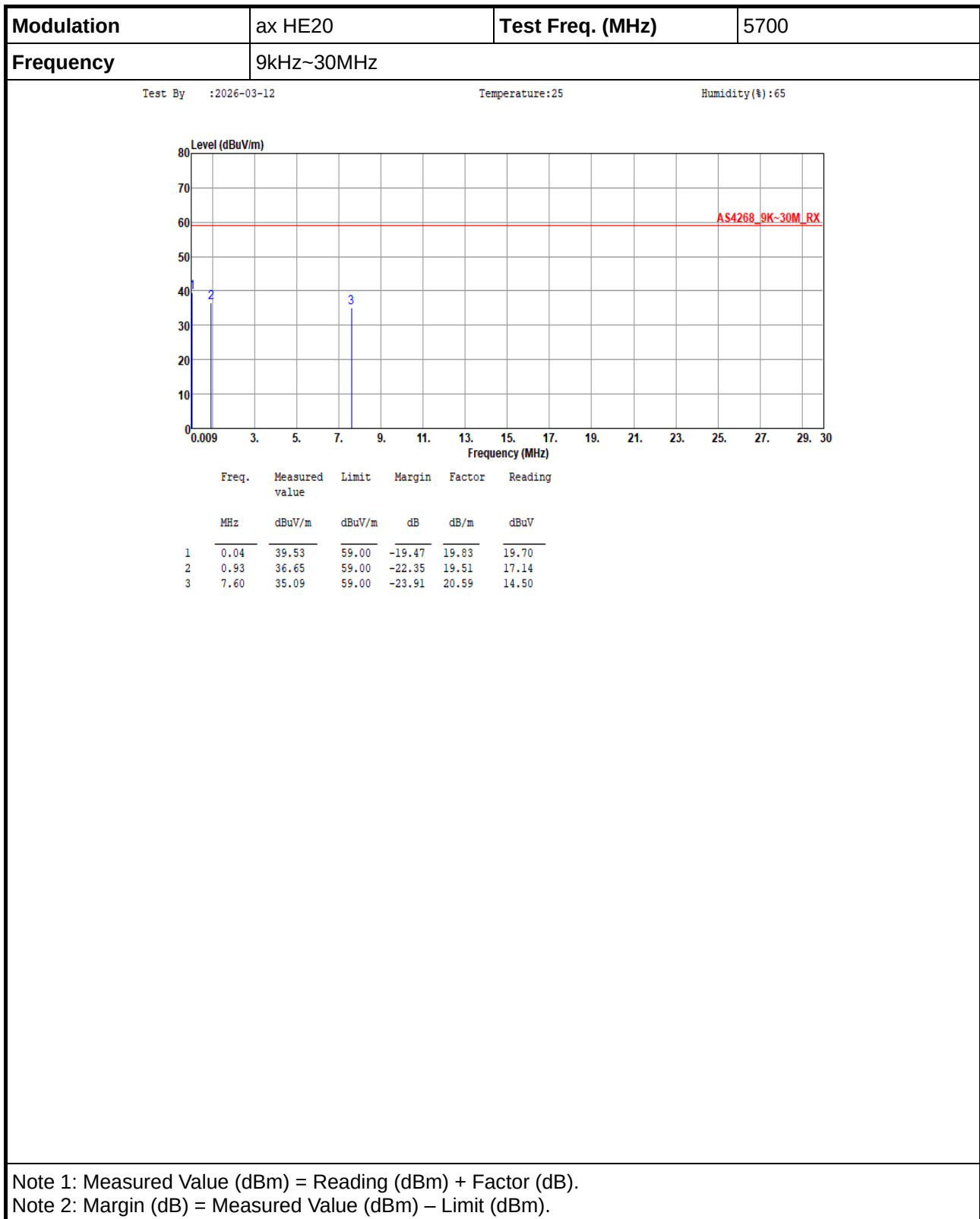


Modulation	ax HE20	Test Freq. (MHz)	5180
Frequency	9kHz~30MHz		
Test By :2026-03-12Temperature:25Humidity(%):65			
Level (dBuV/m)			

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB).

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm).

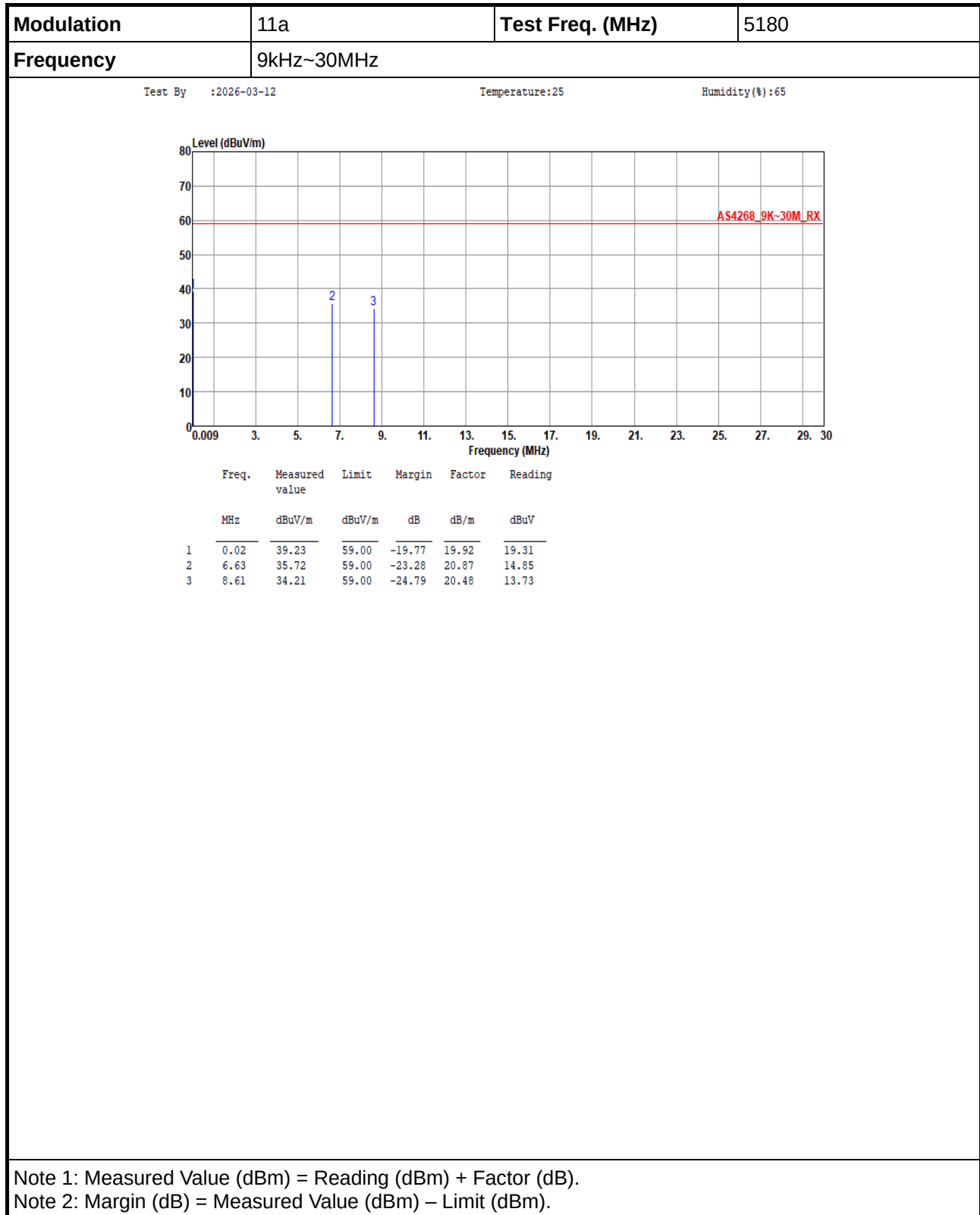


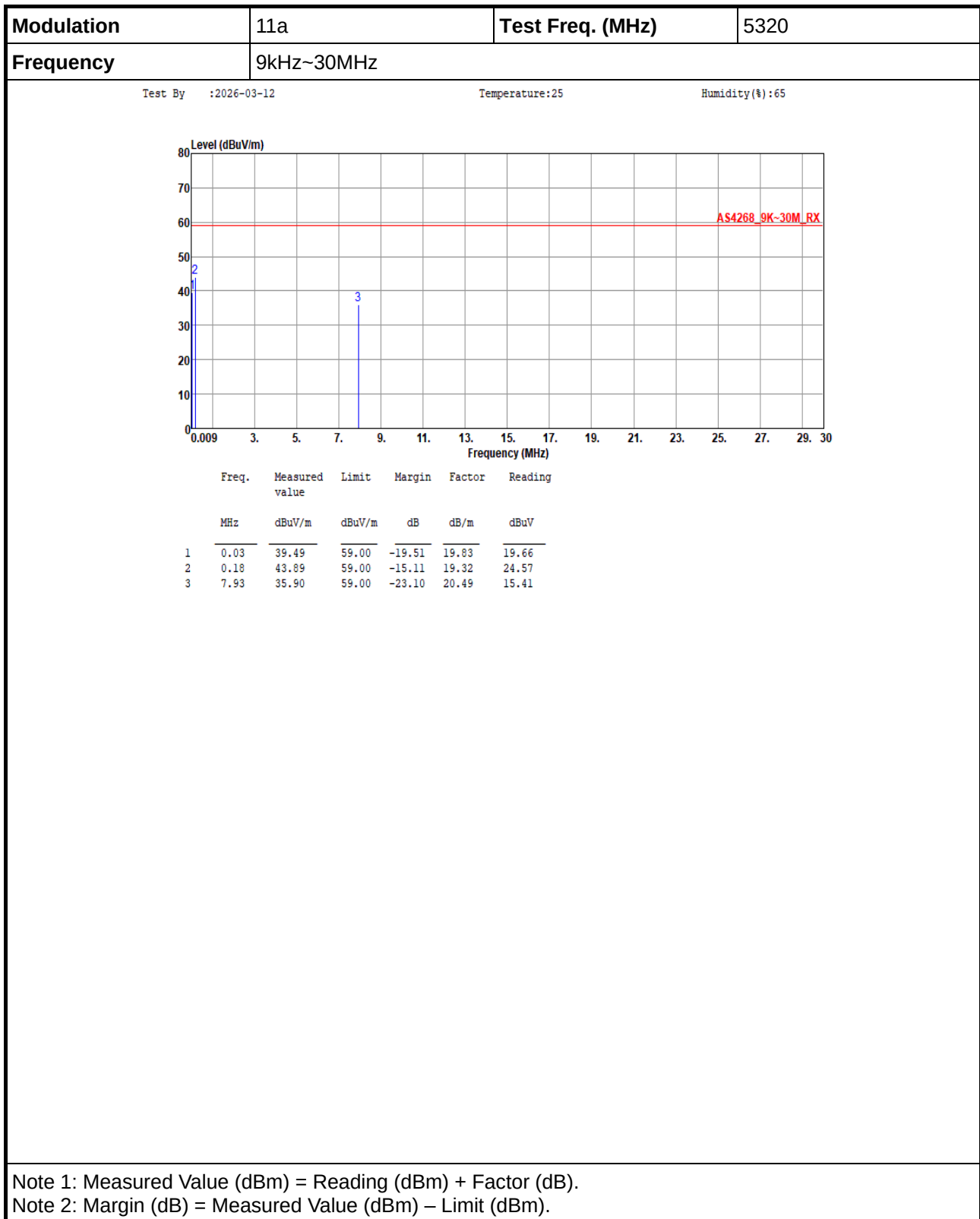


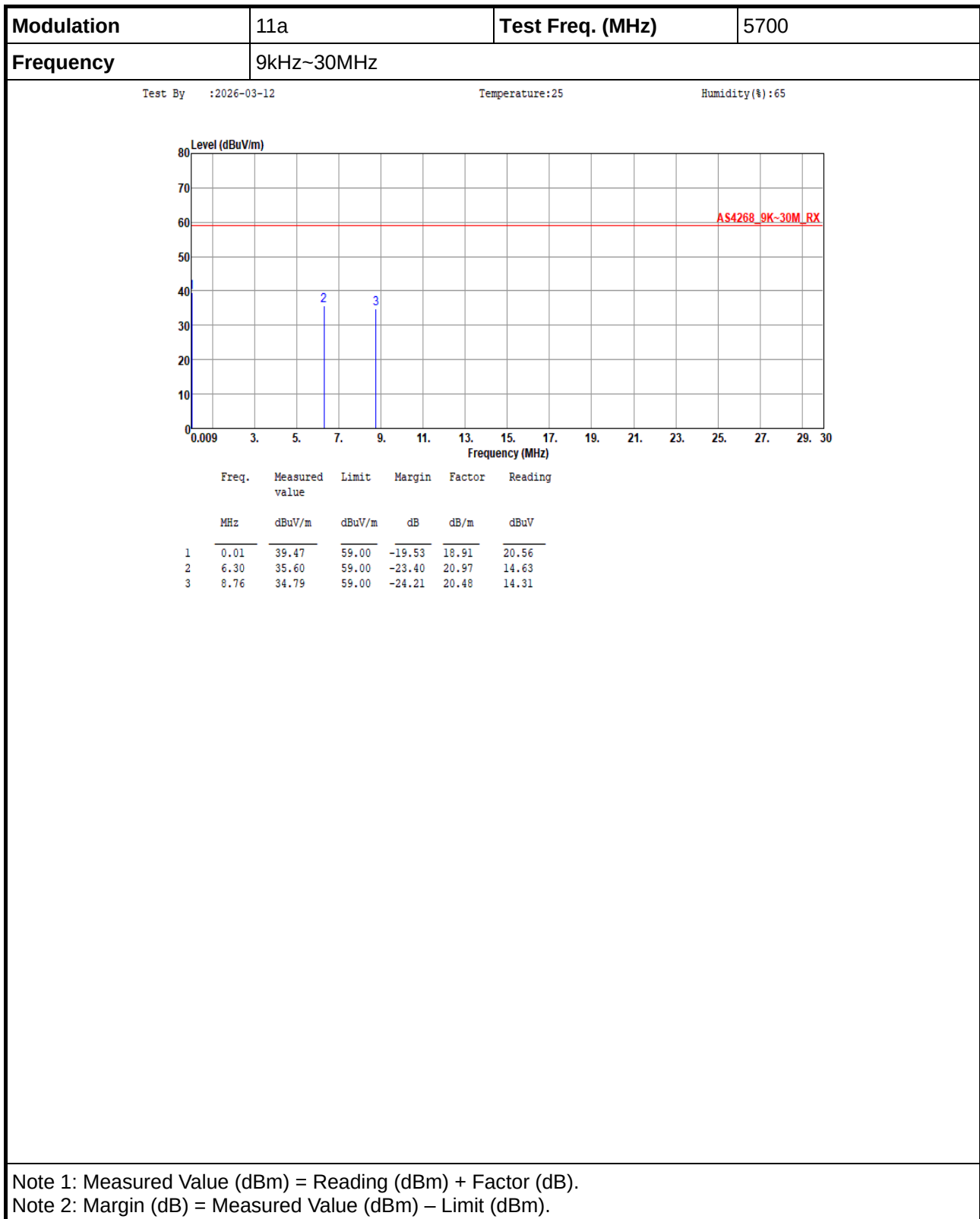


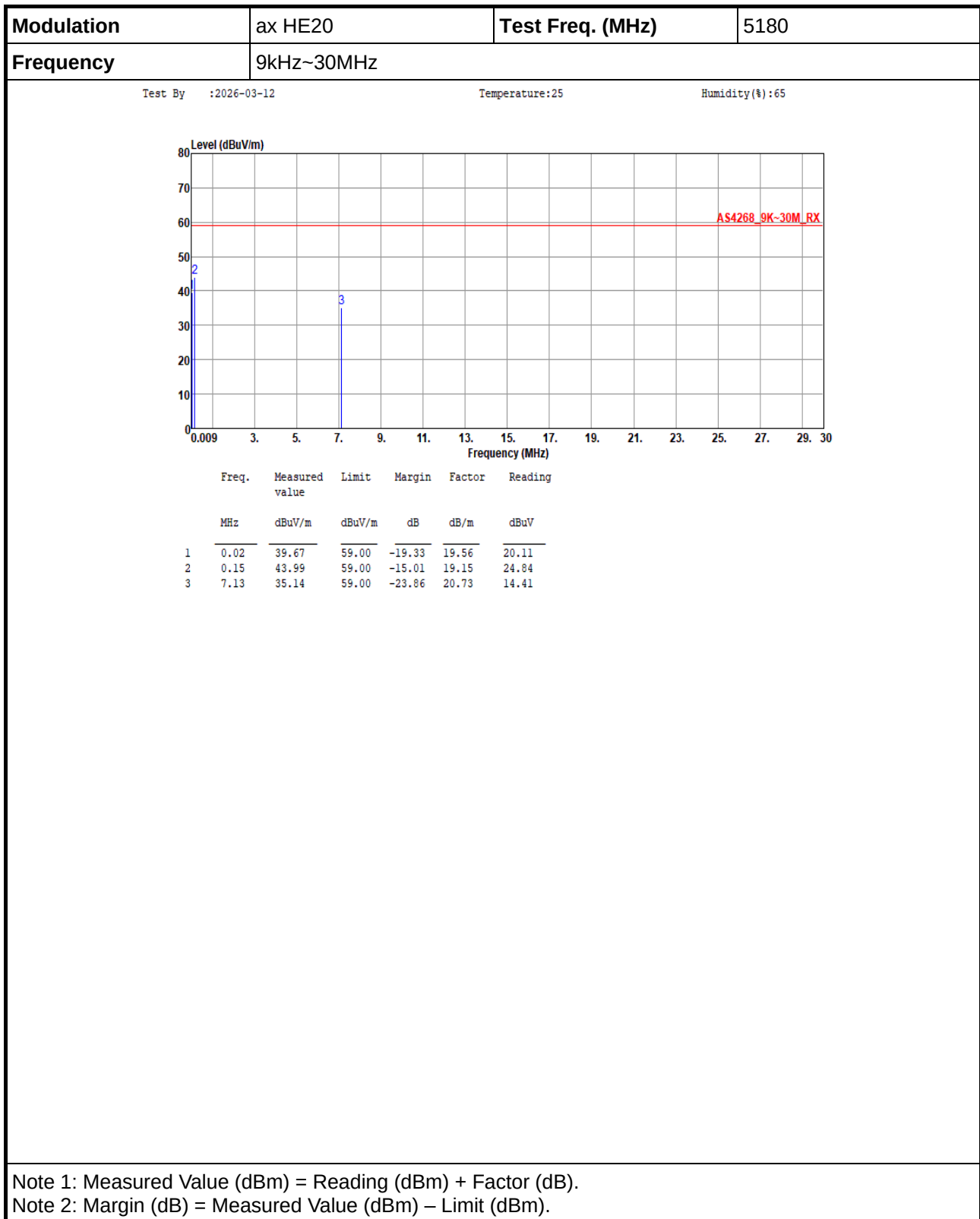
Configuration 7 : ANT1608LL14R2460A Antenna

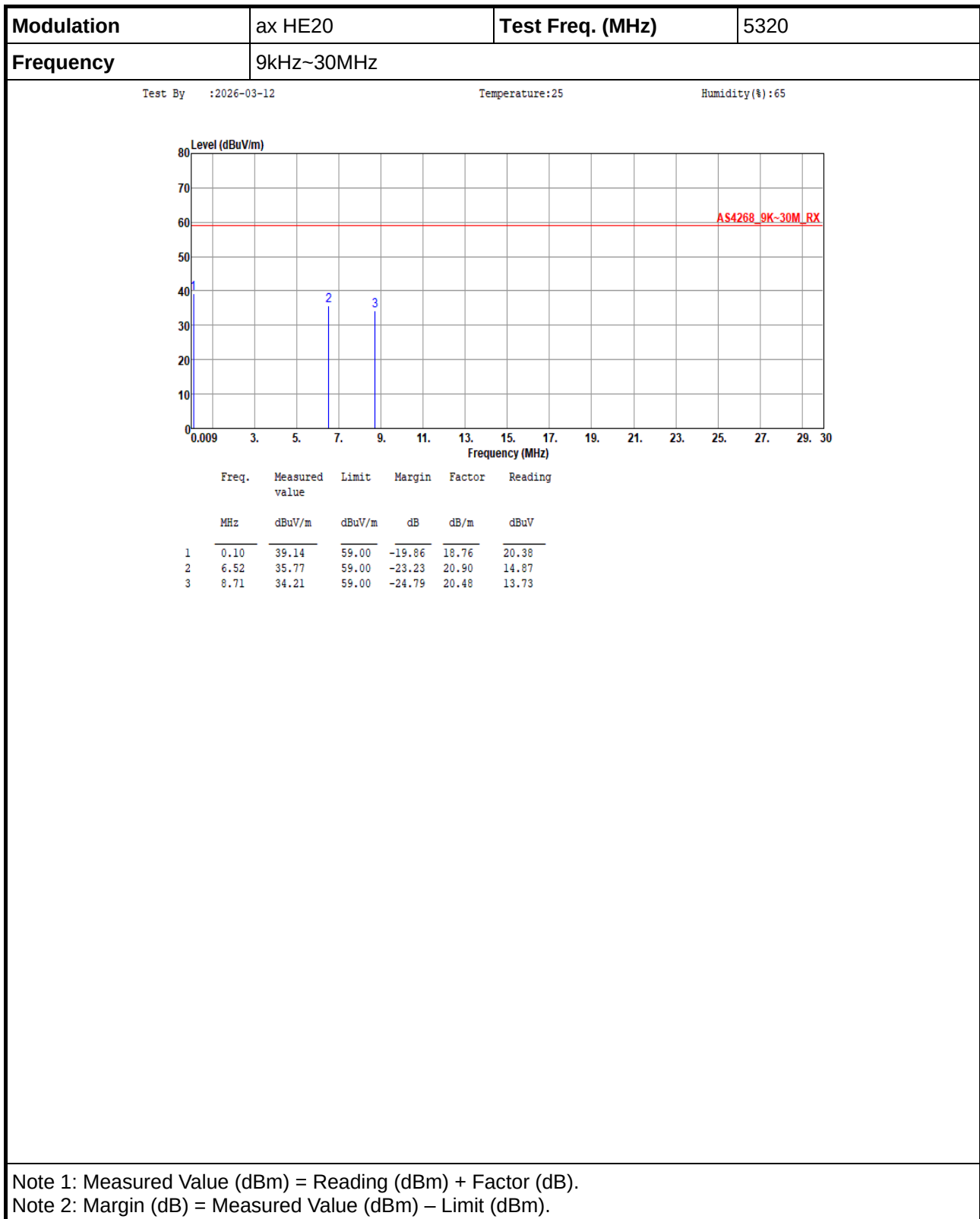
Emissions (≤ 30 MHz)

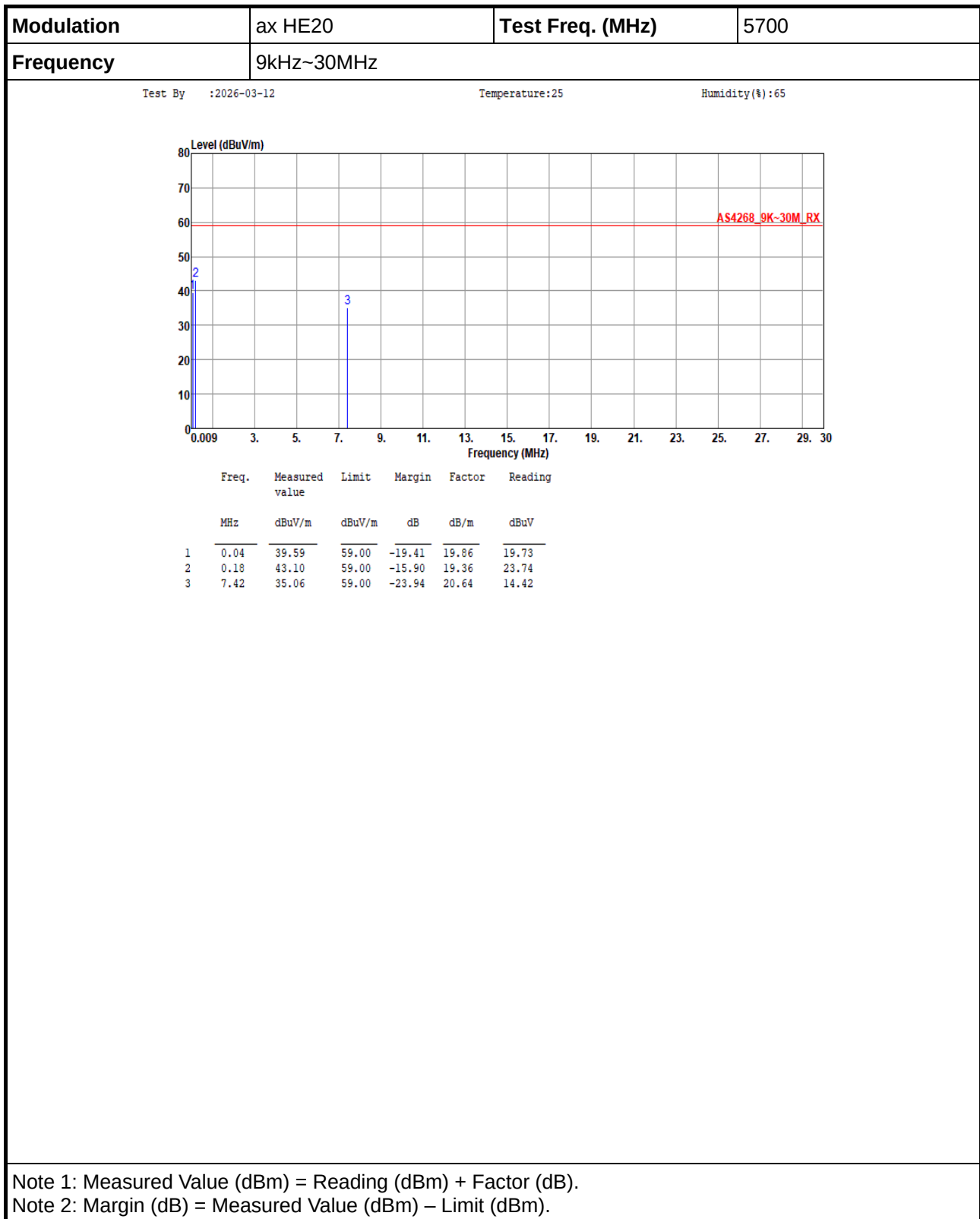














full RU configuration

Emissions (Below 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) <			



Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			

Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		

Test By : Ryan Lee
Temperature: 23
Humidity(%): 64

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	364.22	-76.67	-57.00	-19.67	-0.55	-76.12
2	642.01	-71.12	-57.00	-14.12	5.25	-76.37
3	849.66	-68.79	-57.00	-11.79	8.70	-77.49

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm)			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal		

Test By : Ryan Lee
Temperature: 23
Humidity(%): 64

	Freq.	Measured value	Limit	Margin	Factor	Reading
	MHz	dBm	dBm	dB	dB	dBm
1	3799.78	-54.70	-47.00	-7.70	6.95	-61.65

Note 1: Measured Value (dBm) = Reading (dBm) + Factor (dB)

Note 2: Margin (dB) = Measured Value (dBm) – Limit (dBm)



Modulation	11a	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Polarization	Vertical		
Test By :Ryan Lee			



full RU configuration

Emissions (Below 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	30M~1GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Frequency	30M~1GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) <			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Frequency	30M~1GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) <			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5700
Frequency	30M~1GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) </			



Emissions (Above 1GHz)

Modulation	11a	Test Freq. (MHz)	5180
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5320
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	11a	Test Freq. (MHz)	5700
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5180
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee			



Modulation	ax HE20_OFDMA	Test Freq. (MHz)	5320
Frequency	1GHz~26.5GHz		
Test By :Ryan Lee Temperature:23 Humidity(%):64			
Level (dBm) </			

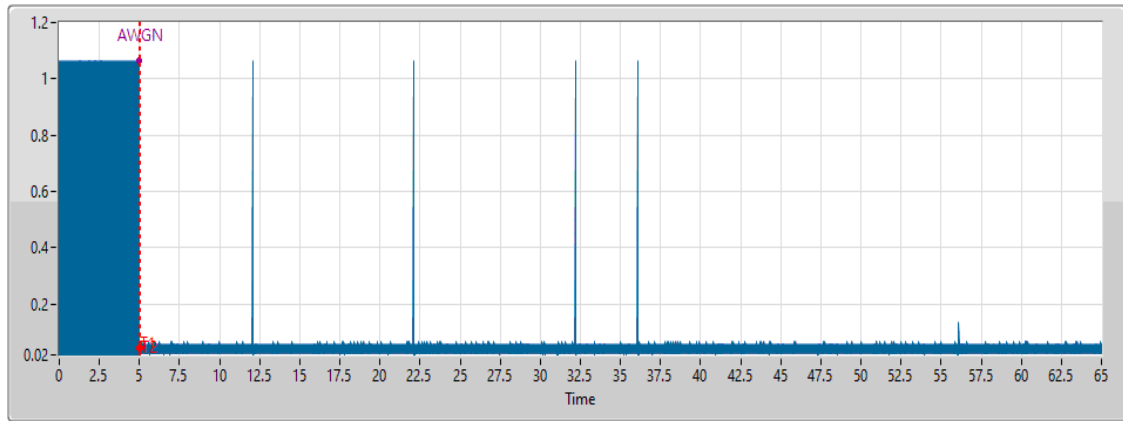
Test Result of Adaptivity and Short Control Signalling Transmissions

Adaptivity Result						
Equipment / Device type		Load Based Equipment / Supervised Device				
Energy Detect Threshold Level (dBm)		-78.3				
Modulation Mode	Interference Signal Frequency (MHz)	Interference Signal Frequency (MHz)	Interference Signal Type	Short Control Signalling Transmissions (ms)/period Numbers	Channel Occupancy Time (ms)	Adaptivity
802.11ax (HE20)	5500	5500	AWGN	0.043 / 2	5.333	Pass
802.11ax (HE20)	5500	5500	OFDM	0.314 / 14		
802.11ax (HE20)	5500	5500	LTE	0.289 / 13		
Limit				< 2.5 ms / 50	< 6ms	N/A

Adaptivity Result Plots

802.11ax (HE20) - 5500MHz (AWGN)

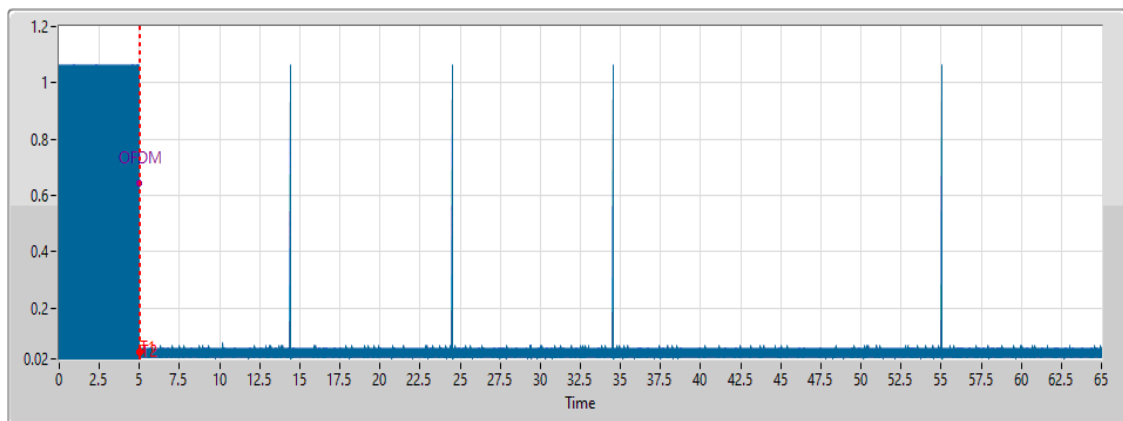
Time Analysis



26/05/2026	
Sample Time	
1us	
All TX Time	
551.899ms	
All TX Sample	
551899	
Duty Cycle	
0.551898	
T1[s]	T2[s]
5.009s	5.059s
T3[s]	T4[s]
NaNs	NaNs

802.11ax (HE20) - 5500MHz (OFDM)

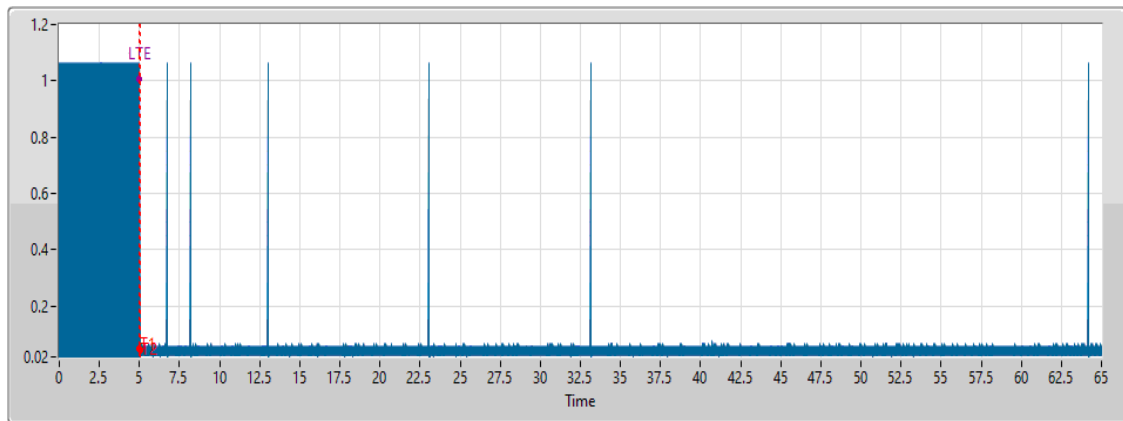
Time Analysis



26/05/2026	
Sample Time	
1us	
All TX Time	
786.874ms	
All TX Sample	
786874	
Duty Cycle	
0.786873	
T1[s]	T2[s]
5.009s	5.059s
T3[s]	T4[s]
NaNs	NaNs

802.11ax (HE20) - 5500MHz (LTE)

Time Analysis



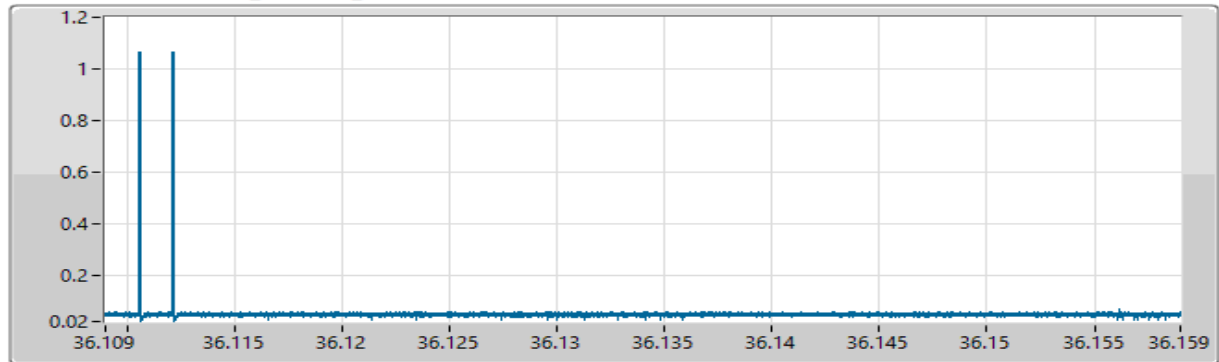
26/05/2026	
Sample Time	
1us	
All TX Time	
791.241ms	
All TX Sample	
791241	
Duty Cycle	
0.79124	
T1[s]	T2[s]
5.009s	5.059s
T3[s]	T4[s]
NaNs	NaNs

Short Control Signalling Transmissions Plots

802.11ax (HE20) - 5500MHz (AWGN)

Short Control Signalling Transmissions

26/05/2026



Time

Number

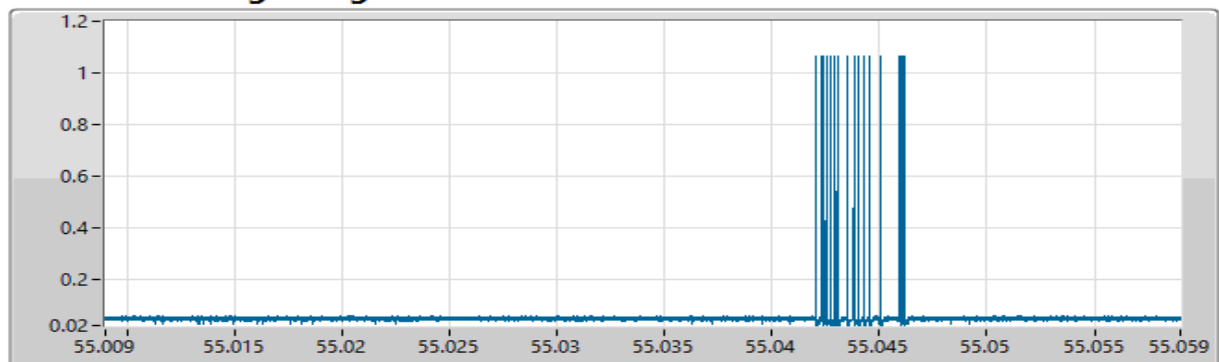
43us

2

802.11ax (HE20) - 5500MHz (OFDM)

Short Control Signalling Transmissions

26/05/2026



Time

Number

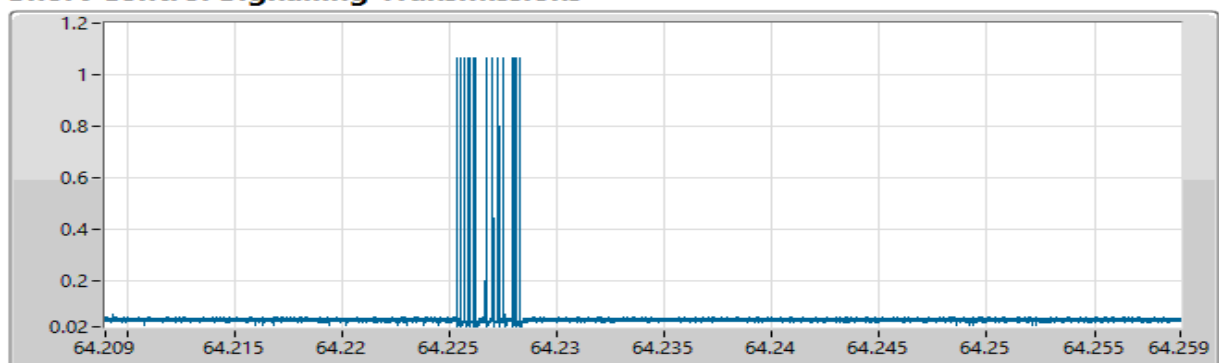
314us

14

802.11ax (HE20) - 5500MHz (LTE)

Short Control Signalling Transmissions

26/05/2026



Time

Number

289us

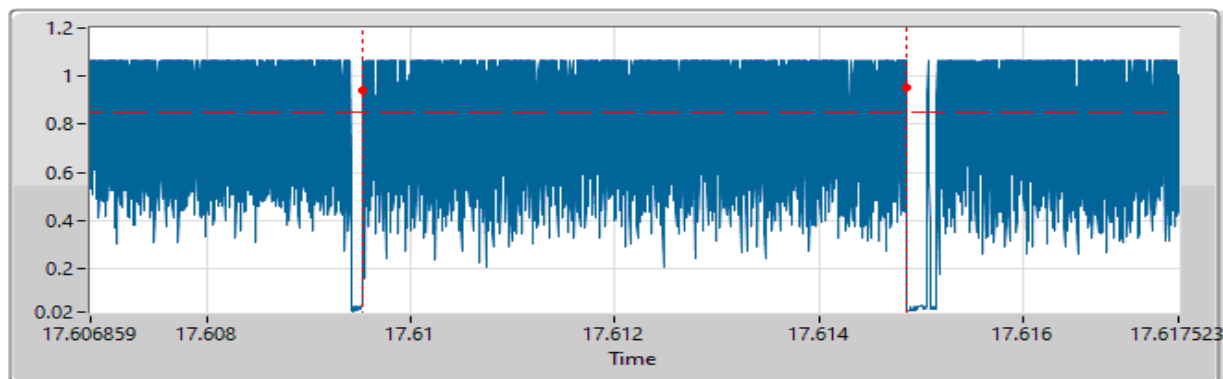
13

Channel Occupancy Time

802.11ax (HE20) - 5500MHz

Max On Time

26/05/2026

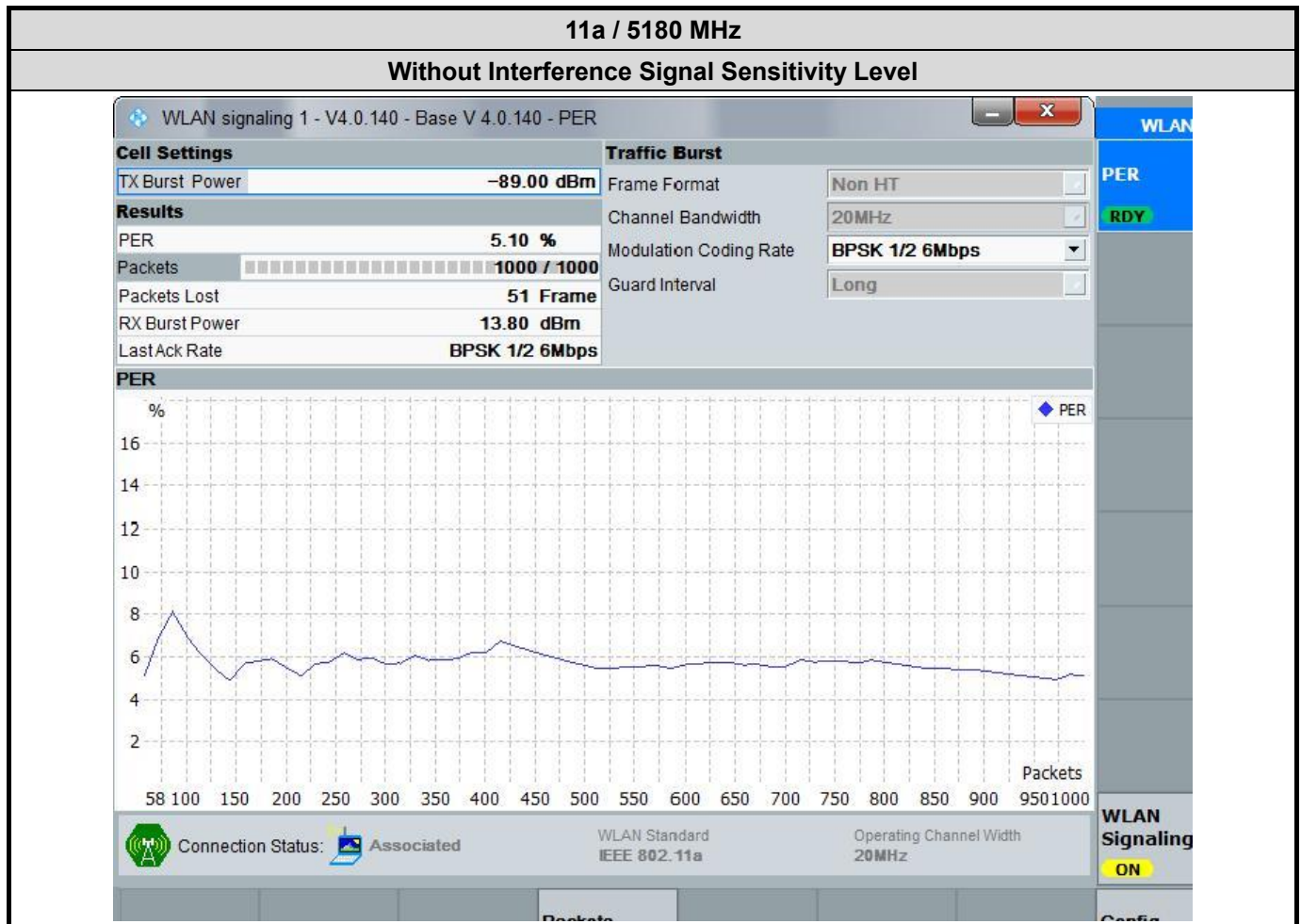


5.333ms

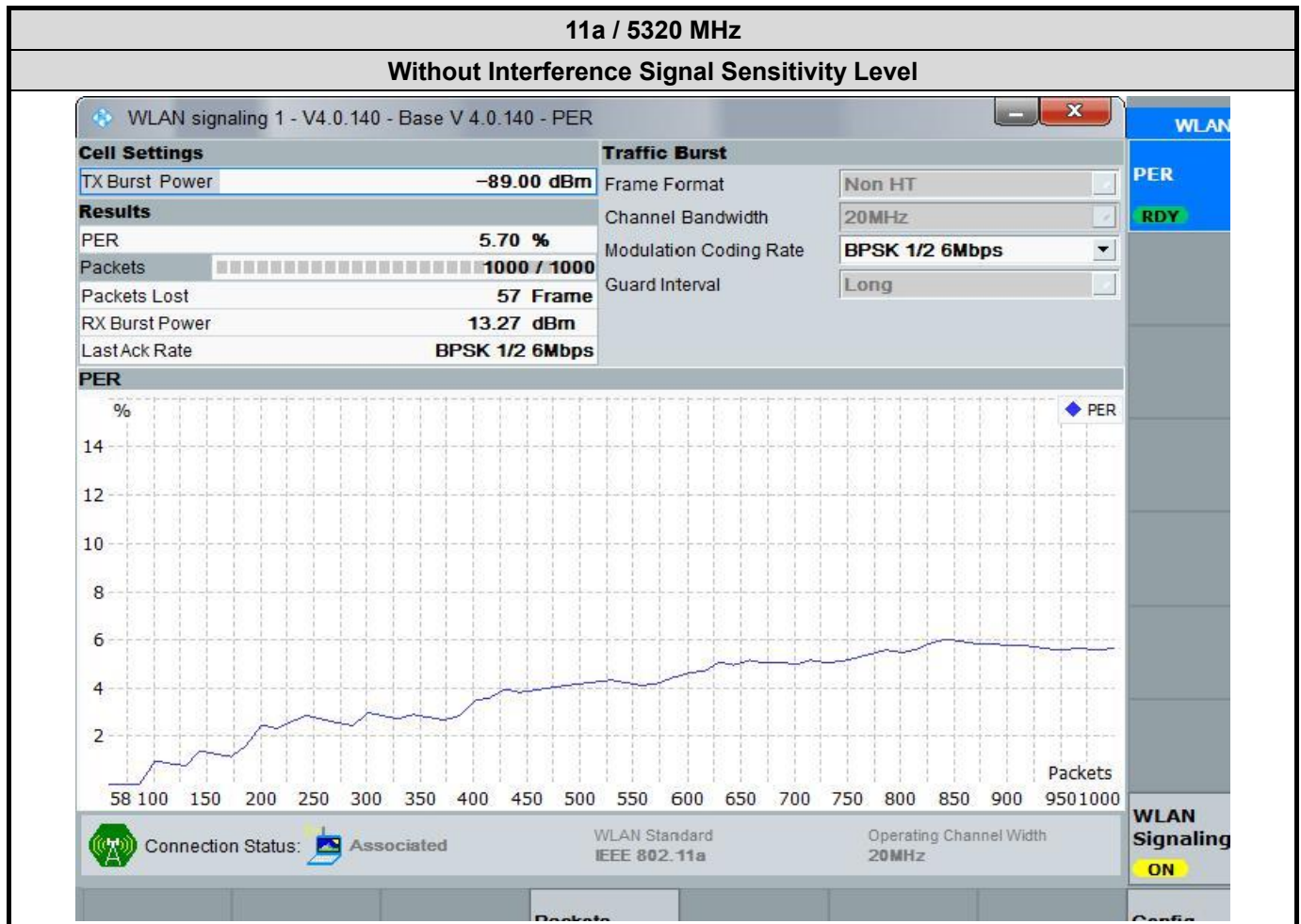
Idle Period probability evaluation

Priority Class	Class 2
Operating Type	Supervised Device
Test condition	802.11ax (HE20) / 5500MHz

n	H(Bn)	Pn	Pn Limit	Result
0	34	0.00292	0.05000	Pass
1	0	0.00292	0.12000	Pass
2	1	0.00301	0.18250	Pass
3	1	0.00310	0.24500	Pass
4	1423	0.12544	0.30750	Pass
5	724	0.18769	0.37000	Pass
6	1170	0.28828	0.43250	Pass
7	582	0.33832	0.49500	Pass
8	167	0.35268	0.55750	Pass
9	502	0.39584	0.62000	Pass
10	257	0.41793	0.68250	Pass
11	238	0.43840	0.74500	Pass
12	219	0.45723	0.80750	Pass
13	225	0.47657	0.87000	Pass
14	204	0.49411	0.93250	Pass
15	195	0.51088	0.99500	Pass
16	5689	1.00000	1.00000	Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-83.00	5100	-59	Pass
-83.00	4900	-53	Pass
-83.00	5000		Pass
-83.00	5975		Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-83.00	5100	-59	Pass
-83.00	4900	-53	Pass
-83.00	5000		Pass
-83.00	5975		Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-83.00	5100	-59	Pass
-83.00	4900	-53	Pass
-83.00	5000		Pass
-83.00	5975		Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-79	5200.2	-63	Pass
-79	5199.8	-63	Pass
-79	5159.8	-63	Pass
-79	5160.2	-63	Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-79	5340.2	-63	Pass
-79	5339.8	-63	Pass
-79	5299.8	-63	Pass
-79	5300.2	-63	Pass



Minimum Level of the Wanted Signal (dBm)	-89		
Wanted Signal Mean Power from Companion Device (dBm)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Test Result
-79	5720.2	-63	Pass
-79	5719.8	-63	Pass
-79	5679.8	-63	Pass
-79	5680.2	-63	Pass