

FCC Part 15.407
RSS-247 ISSUE 3, August 2023
RSS-GEN Issue 5, February 2021 Amendment 2
TEST REPORT

For

WOM ASIA CO., LTD

13F., No.192, Sec. 2, Zhongxing Rd., Xindian Dist., New Taipei 231, Taiwan(R.O.C.)

FCC ID: 2AXAMAWB51445143
IC: 34378-AWB5144

Report Type: Original Report	Product Type: Industrial MESH Wireless AP Router
Report Producer : <u>JoJo Lu</u>	
Report Number : <u>RXZ250407017RF02</u>	
Report Date : <u>2025-12-10</u>	
Reviewed By: <u>Andy Shih</u> <i>Andy Shih</i>	
Prepared By: Bay Area Compliance Laboratories Corp. (New Taipei Laboratory) 70, Lane 169, Sec. 2, Datong Road, Xizhi Dist., New Taipei City 221, Taiwan, R.O.C. Tel: +886 (2) 2647 6898 Fax: +886 (2) 2647 6895 www.bacl.com.tw	

Revision History

Revision	No.	Report Number	Issue Date	Description	Author/ Revised by
0.0	RXZ250407017	RXZ250407017RF02	2025-12-10	Original Report	JoJo Lu

TABLE OF CONTENTS

1	General Information	5
1.1	Product Description for Equipment under Test (EUT).....	5
1.2	Objective.....	6
1.3	Test Methodology	6
1.4	Statement	6
1.5	Measurement Uncertainty.....	7
1.6	Environmental Conditions	7
1.7	Test Facility	7
2	System Test Configuration	8
2.1	Description of Test Configuration	8
2.2	EUT Exercise Software	9
2.3	Equipment Modifications	11
2.4	Support Equipment List and Details	11
2.5	External Cable List and Details	11
2.6	Test Mode	11
2.7	Block Diagram of Test Setup	12
2.8	Duty Cycle	14
3	Summary of Test Results.....	22
4	Test Equipment List and Details	23
5	FCC §15.203 & RSS-GEN §6.8 – Antenna Requirements	24
5.1	Applicable Standard.....	24
5.2	Antenna Information.....	24
6	FCC §15.407(b)(9), §15.207(a) & RSS-GEN §8 – AC Line Conducted Emissions .	25
6.1	Applicable Standard.....	25
6.2	EUT Setup	25
6.3	EMI Test Receiver Setup.....	26
6.4	Test Procedure	26
6.5	Corrected Factor & Over Limit Calculation	26
6.6	Test Results.....	27
7	FCC §15.209, §15.205, §15.407(b) & RSS-247 §6.2, RSS-GEN §8.9, RSS-GEN §8.10	
	– Spurious Emissions	31
7.1	Applicable Standard.....	31
7.2	EUT Setup	34
7.3	EMI Test Receiver & Spectrum Analyzer Setup.....	35
7.4	Test Procedure	35
7.5	Corrected Factor & Margin Calculation	36
7.6	Test Results.....	37
8	RSS-247 §6.2.1.2 – 26dB Attenuated Below The Channel Power.....	99
8.1	Applicable Standard.....	99
8.2	Test Procedure	99
8.3	Test Results.....	99
9	FCC §15.407(a)(e) & RSS-247 §6.2, RSS-GEN §6.7 – Emission Bandwidth And	
	Occupied Bandwidth.....	127

9.1	Applicable Standard.....	127
9.2	Test Procedure	127
9.3	Test Results.....	129
10	FCC §15.407(a) & RSS-247 §6.2 – Maximum Output Power.....	240
10.1	Applicable Standard.....	240
10.2	Test Procedure	241
10.3	Test Results.....	241
11	FCC §15.407(a) & RSS-247 §6.2 – Power Spectral Density.....	245
11.1	Applicable Standard.....	245
11.2	Test Procedure	246
11.3	Test Results.....	246
12	RSS-247 §6.4 – Additional requirements.....	304
12.1	Applicable Standard.....	304
12.2	Judgment.....	305

1 General Information

1.1 Product Description for Equipment under Test (EUT)

Applicant	WOM ASIA CO., LTD
	13F., No.192, Sec. 2, Zhongxing Rd., Xindian Dist., New Taipei 231, Taiwan(R.O.C.)
Brand(Trade) Name	WoMaster
Product (Equipment)	Industrial MESH Wireless AP Router
PMN	WA512G-AX
HVIN	WA512G-AX-IP67, WA512G-AX-D
Main Model Name	WA512G-AX-D
Series Model Name	WA512G-AX-IP67
Model Discrepancy	Please refer to the difference declaration letter provided by the Applicant.
Frequency Range	5180 MHz ~ 5240 MHz, 5745 MHz ~ 5825 MHz
Maximum Conducted Average Output Power	Beamforming 5180-5240 MHz: 12.76 dBm 5745-5825 MHz: 12.55 dBm No- Beamforming 5180-5240 MHz: 12.68 dBm 5745-5825 MHz: 12.45 dBm
Modulation Technique	OFDM / OFDMA
Power Operation (Voltage Range)	24Vdc from DC Power Supply, 48Vdc from POE Adapter
Received Date	2025/04/23

*All measurement and test data in this report was gathered from production sample serial number: RXZ250407017-1 , RXZ250407017-2 (Assigned by BACL, New Taipei Laboratory).

1.2 Objective

This report is prepared on behalf of *WOM ASIA CO., LTD* in accordance with Part 2, Subpart J, Part 15, Subparts A, and E of the Federal Communication Commission's rules and RSS-247 Issue 3, August 2023 and RSS-GEN Issue 5, February 2021 Amendment 2 of the Innovation, Science and Economic Development Canada.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020 + Cor.1-2023, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And RSS-247 Issue 3, August 2023 and RSS-GEN Issue 5, February 2021 Amendment 2 of the Innovation, Science and Economic Development Canada.

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.4 Statement

Decision Rule: No, (The test results do not include MU judgment)

1. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (New Taipei Laboratory).
2. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.
3. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
4. The determination of the test results does not require consideration of the uncertainty of the measurement, unless the assessment is required by customer agreement, regulation or standard document specification.
5. Bay Area Compliance Laboratories Corp. (New Taipei Laboratory) is not responsible for the authenticity of the information provided by the applicant that affects the test results.

1.5 Measurement Uncertainty

Parameter		Uncertainty
AC Mains		+/- 3.02 dB
RF output power, conducted		+/- 0.57 dB
Power Spectral Density, conducted		+/- 0.60 dB
Occupied Bandwidth		+/- 0.09 %
Unwanted Emissions, conducted		+/- 1.09 dB
Emissions, radiated	9 kHz~30 MHz	+/- 3.54 dB
	30 MHz~1 GHz	+/- 4.99 dB
	1 GHz~18 GHz	+/- 7.56 dB
	18 GHz~40 GHz	+/- 5.06 dB
Temperature		+/- 0.76 °C
Humidity		+/- 0.41 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

1.6 Environmental Conditions

Test Site	Test Date	Temperature (°C)	Relative Humidity (%)	Test Engineer
AC Line Conducted Emissions	2025/6/25	22.4	47	Jing
Radiation Spurious Emissions	2025/5/19~2025/12/9	21.5~24.9	52~68	Nick
Duty Cycle	2025/6/24	27.1	47	Sean
26dB attenuated below the channel power	2025/6/26	27.3	49	Sean
Emission Bandwidth And Occupied Bandwidth	2025/6/24~2025/6/26	27~27.3	47~49	Sean
Maximum Output Power	2025/6/24~2025/6/26	27~27.3	47~49	Sean
Power Spectral Density	2025/6/24~2025/6/26	27~27.3	47~49	Sean

1.7 Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (New Taipei Laboratory) to collect test data is located on

☒70, Lane 169, Sec. 2, Datong Road, Xizhi Dist., New Taipei City 221, Taiwan, R.O.C.

Bay Area Compliance Laboratories Corp. (New Taipei Laboratory) is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 3732) and the FCC designation No.TW3732 under the Mutual Recognition Agreement (MRA) in FCC Test.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: TW3732.

2 System Test Configuration

2.1 Description of Test Configuration

The system supports 802.11a/n ht20/n ht40/ac vht20/ac vht40/ac vht80/ax he20/ax he40/ax he80 mode. Since the 802.11n ht20/n ht40 parameters are the same as 802.11ac vht20 and ac vht40, 802.11n ht20/n ht40 is reduced.

For 802.11n/ac/ax mode, MIMO mode supports beamforming.

For 5150 ~ 5250MHz

4 channels are provided for 802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220
40	5200	48	5240

2 channels are provided for 802.11n HT40, 802.11ac VHT40, 802.11ax HE40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230

1 channel is provided for 802.11ac VHT80, 802.11ax HE80:

Channel	Frequency (MHz)
42	5210

802.11a/ac20/ax20 mode Channel 36, 40, 48 were tested.

802.11ac40/ax40 mode Channel 38, 46 were tested.

802.11ac80/ax80 mode Channel 42 was tested.

For 5725 ~ 5825MHz:

5 channels are provided for 802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	161	5805
153	5765	165	5825
157	5785	/	/

2 channels are provided for 802.11n HT40, 802.11ac VHT40, 802.11ax HE40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795

1 channel is provided for 802.11ac VHT80, 802.11ax HE80:

Channel	Frequency (MHz)
155	5775

802.11a/ac20/ax20 mode Channel 149, 157, 165 were tested.

802.11ac40/ax40 mode Channel 151, 159 were tested.

802.11ac80/ax80 mode Channel 155 was tested.

2.2 EUT Exercise Software

The software was used “QSPR v5.0”.

The system was configured for testing in an engineering mode, which is provided by Applicant.

Non Beamforming

UNII Band	Mode MIMO(CDD)	Channel	Frequency (MHz)	Power setting MIMO(CDD)	
				Chain 0	Chain 1
UNII-1	802.11a	36	5180	10	10
		40	5200	10	10
		48	5240	10	10
UNII-3		149	5745	10	10
		157	5785	10	10
		165	5825	10	10
UNII-1	802.11n HT20 / 802.11ac VHT20	36	5180	10	10
		40	5200	10	10
		48	5240	10	10
UNII-3		149	5745	10	10
		157	5785	10	10
		165	5825	10	10
UNII-1	802.11n HT40 / 802.11ac VHT40	38	5190	10	10
		46	5230	10	10
UNII-3		151	5755	10	10
		159	5795	10	10
UNII-1	802.11 ac80	42	5210	10	10
UNII-3		155	5775	10	10
UNII-1	802.11ax HE20	36	5180	10	10
		40	5200	10	10
		48	5240	10	10
UNII-3		149	5745	10	10
		157	5785	10	10
		165	5825	10	10
UNII-1	802.11ax HE40	38	5190	10	10
		46	5230	10	10
UNII-3		151	5755	10	10
		159	5795	10	10
UNII-1	802.11ax HE80	42	5210	10	10
UNII-3		155	5775	10	10

Beamforming

UNII Band	Mode MIMO(CDD)	Channel	Frequency (MHz)	Power setting MIMO(CDD)	
				Chain 0	Chain 1
UNII-1	802.11n HT20 / 802.11ac VHT20	36	5180	10	10
		40	5200	10	10
		48	5240	10	10
UNII-3		149	5745	10	10
		157	5785	10	10
		165	5825	10	10
UNII-1	802.11n HT40 / 802.11ac VHT40	38	5190	10	10
		46	5230	10	10
UNII-3		151	5755	10	10
		159	5795	10	10
UNII-1	802.11ac VHT80	42	5210	10	10
UNII-3		155	5775	10	10
UNII-1	802.11ax HE20	36	5180	10	10
		40	5200	10	10
		48	5240	10	10
UNII-3		149	5745	10	10
		157	5785	10	10
		165	5825	10	10
UNII-1	802.11ax HE40	38	5190	10	10
		46	5230	10	10
UNII-3		151	5755	10	10
		159	5795	10	10
UNII-1	802.11ax HE80	42	5210	10	10
UNII-3		155	5775	10	10

The device support SISO and MIMO.

SISO mode and MIMO mode have the same power level setting and base on output power testing, MIMO mode power large than SISO mode, MIMO mode was selected for full testing.

For n/ac/ax mode, the MIMO mode support beamforming.

The worst case data rates are as follows:

802.11a Mode :6Mbps

802.11ac VHT20 Mode: MCS0

802.11ac VHT40 Mode: MCS0

802.11ac VHT80 Mode: MCS0

802.11ax HE20 Mode: MCS0

802.11ax HE40 Mode: MCS0

802.11ax HE80 Mode: MCS0

2.3 Equipment Modifications

No modification was made to the EUT.

2.4 Support Equipment List and Details

Description	Manufacturer	Model Number
NB	DELL	E6410
POE Injector	Cisco	AIR-PWRINJ6
DC Power Supply	KIKUSUI	PMC35-2

2.5 External Cable List and Details

Description	Manufacturer	Cable length
RJ45 Cable	BACL	1m
RJ45 Cable	BACL	3m
Power Cord	BACL	1.5m

2.6 Test Mode

The device 802.11ax mode only supports full RU, not partial RU, test with full RU.

Pre-scan

AC Line Conducted Emissions and Radiated Spurious Emissions

Mode	Test mode	Samper No.
1	(WA512G-AX-D, Power: DC in-1)	RXZ250407017-1
2	(WA512G-AX-D, Power: DC in-2)	RXZ250407017-1
3	(WA512G-AX-D, Power: POE)	RXZ250407017-1
4	(WA512G-AX-IP67, Power: POE)	RXZ250407017-2

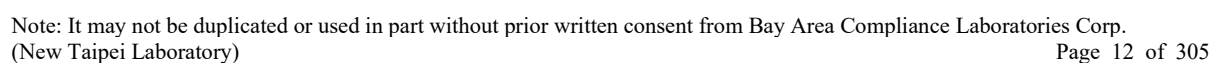
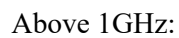
Worst case is the Mode 4

Mode 4 tested all measure item.

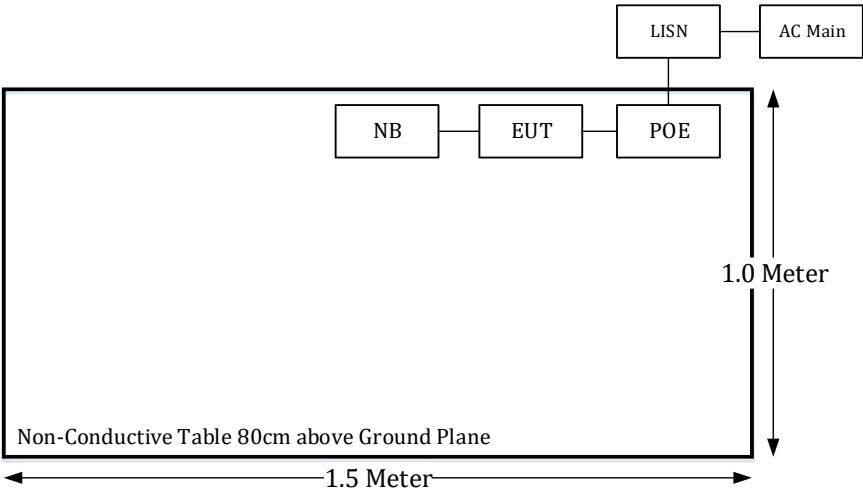
Mode 3 test Below 1GHz Radiated Spurious Emissions

See test photographs attached in setup photos for the actual connections between EUT and support equipment.

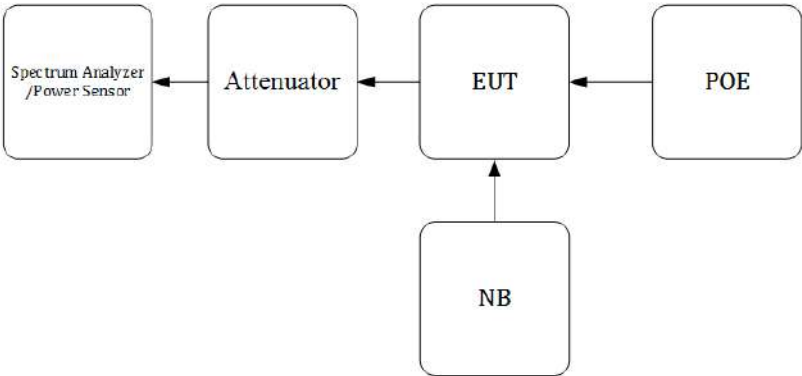
Below 1GHz



Conduction:



Conducted:



2.8 Duty Cycle

The duty cycle as below:

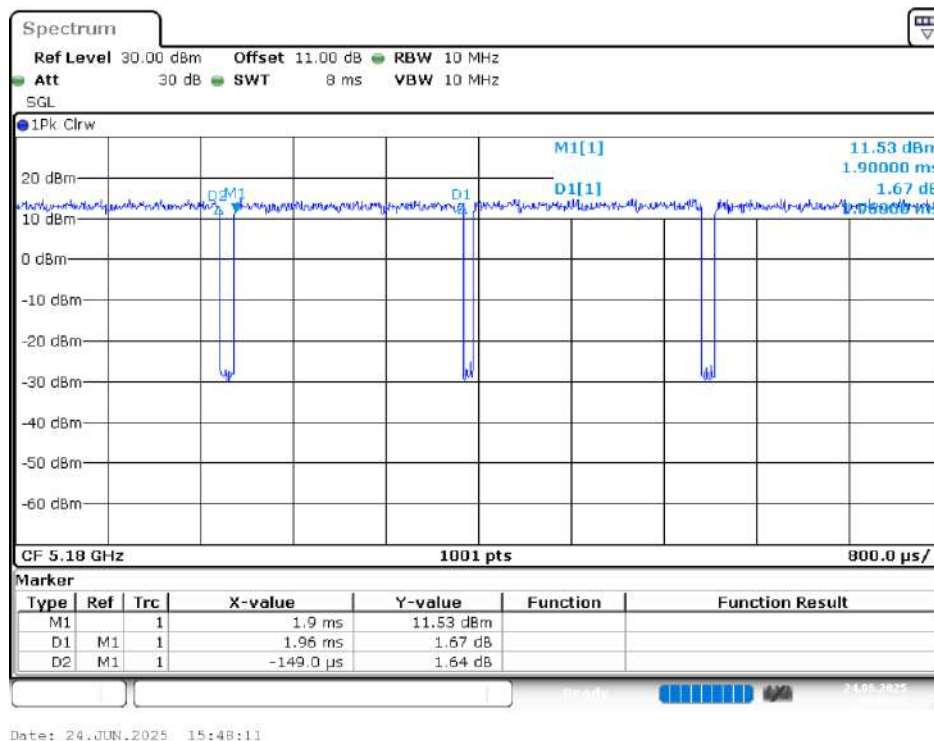
Non Beamforming

Radio Mode	On Time (ms)	Off Time (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)	VBW Setting (kHz)
802.11a	1.96	0.149	93	0.32	0.51	1
802.11ac 20	5.406	0.399	93	0.32	0.18	0.2
802.11ac 40	5.386	0.439	92	0.36	0.19	0.2
802.11ac 80	5.366	0.339	94	0.27	0.19	0.2
802.11ax 20	5.426	0.299	95	0.22	0.18	0.2
802.11ax 40	5.406	0.319	94	0.27	0.18	0.2
802.11ax 80	5.406	0.339	94	0.27	0.18	0.2

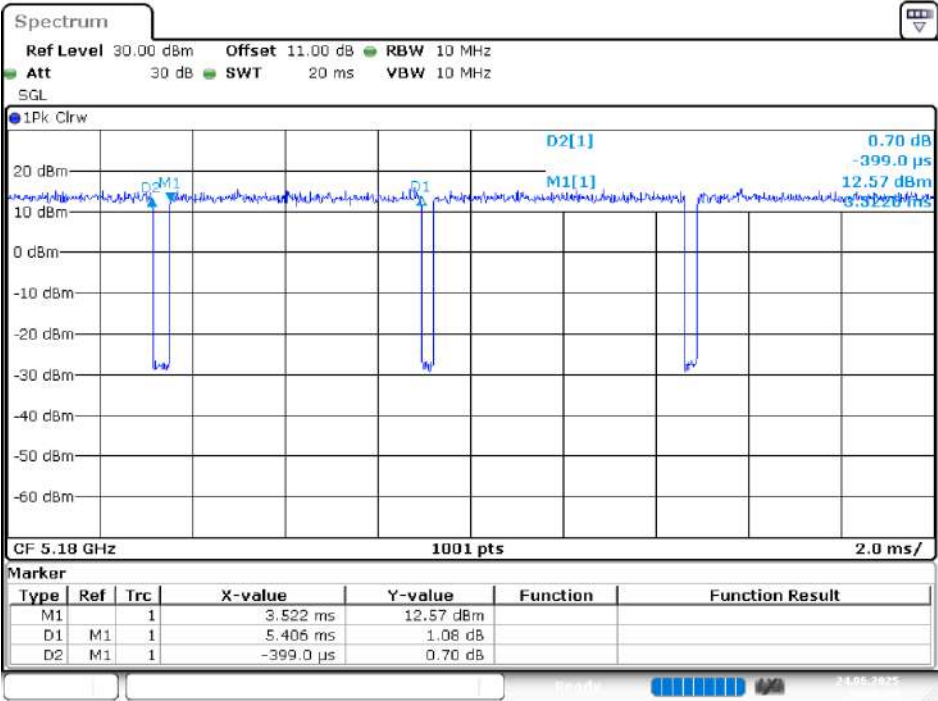
Note: Duty Cycle Correction Factor = $10 \cdot \log(1/\text{duty cycle})$

Please refer to the following plots.

802.11a Mode

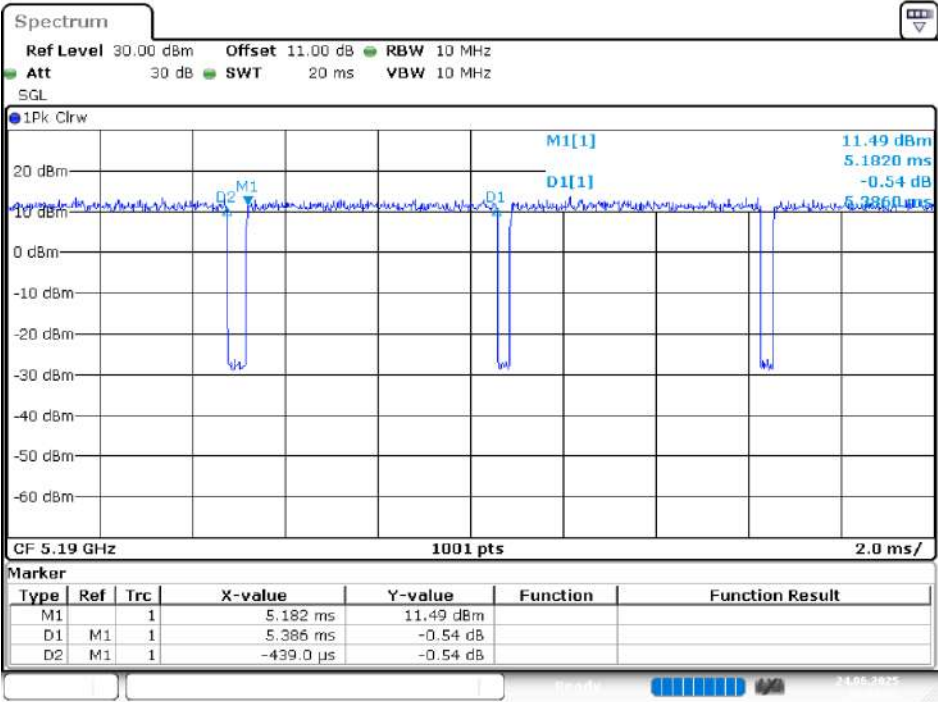


802.11ac VHT20 Mode



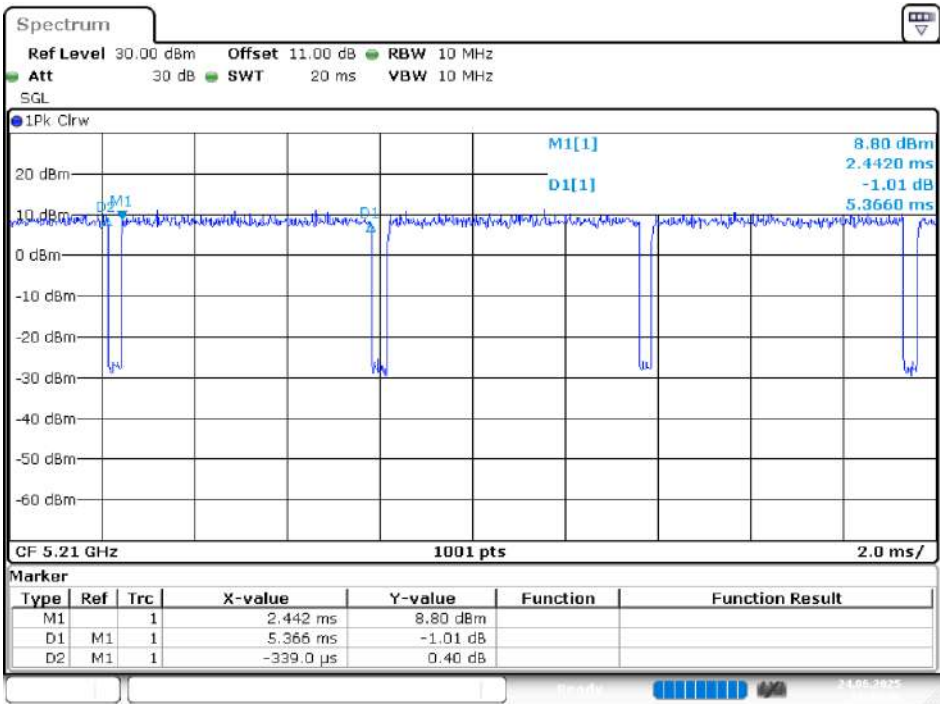
Date: 24.JUN.2025 15:26:23

802.11ac VHT40 Mode



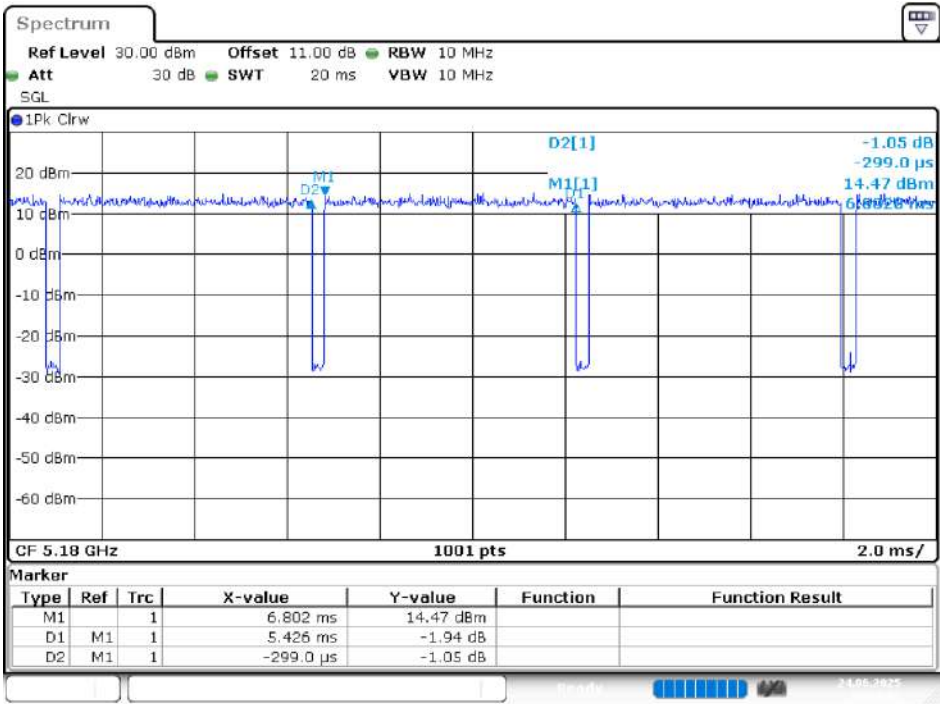
Date: 24.JUN.2025 15:08:33

802.11ac VHT80 Mode



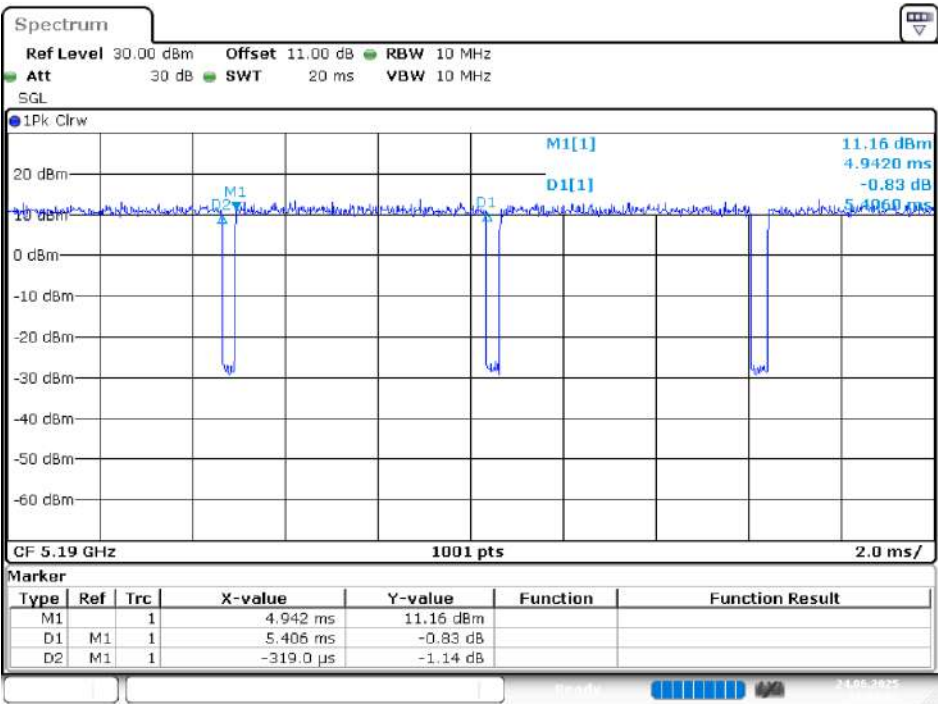
Date: 24.JUN.2025 14:43:47

802.11ax HE20 Mode



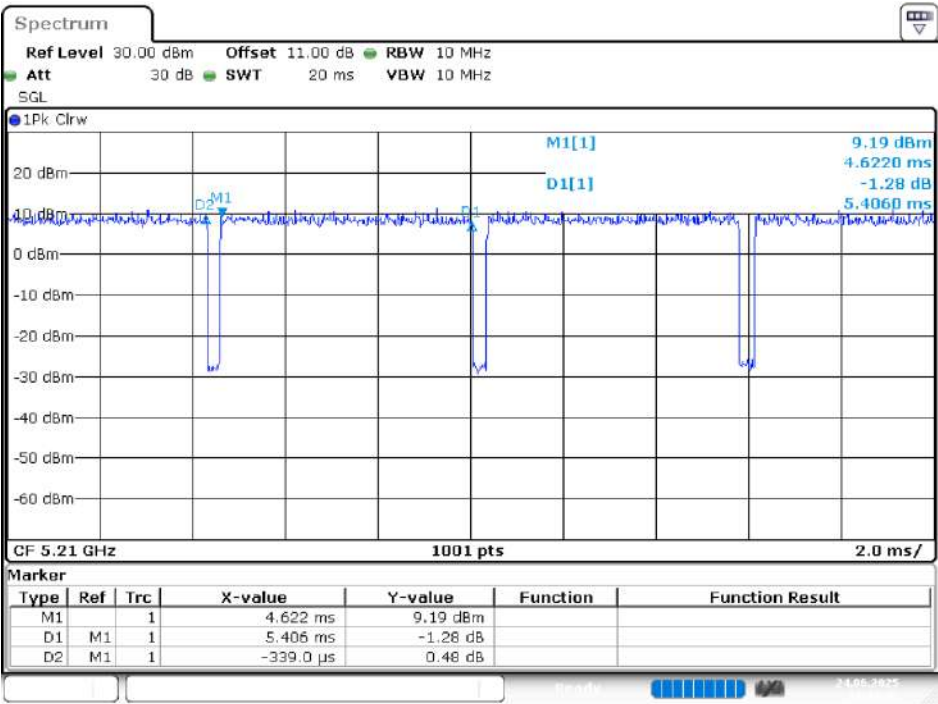
Date: 24.JUN.2025 15:23:57

802.11ax HE40 Mode



Date: 24.JUN.2025 14:58:03

802.11ax HE80 Mode



Date: 24.JUN.2025 14:49:43

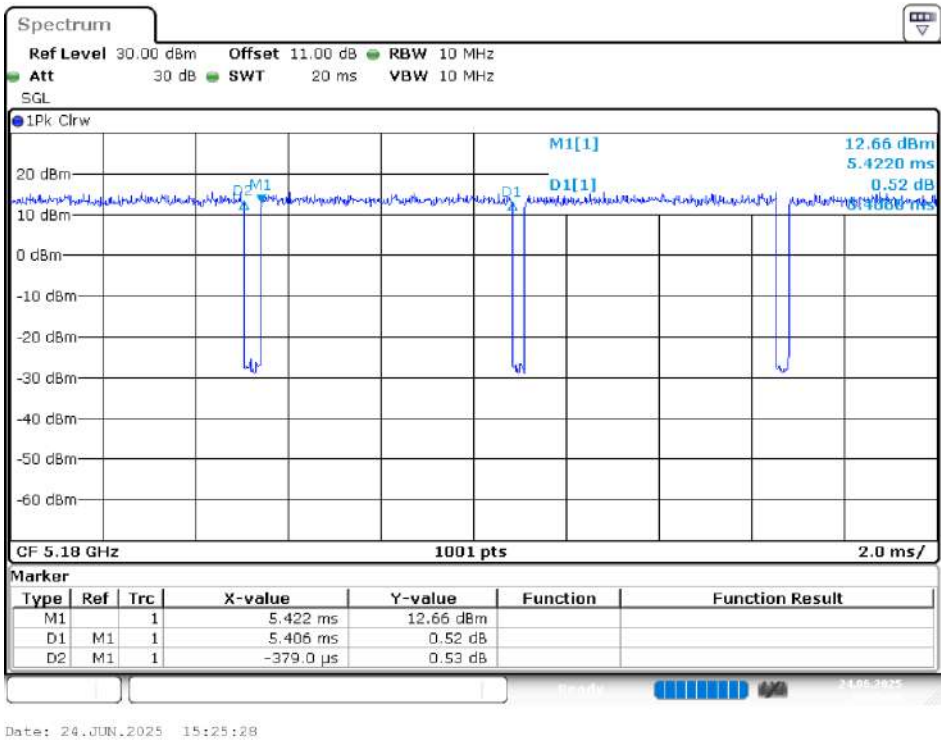
Beamforming

Radio Mode	On Time (ms)	Off Time (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)	VBW Setting (kHz)
802.11ac 20	5.406	0.379	0.93	0.32	0.18	0.2
802.11ac 40	5.406	0.519	0.91	0.41	0.18	0.2
802.11ac 80	5.436	0.359	0.94	0.27	0.18	0.2
802.11ax 20	5.446	0.339	0.94	0.27	0.18	0.2
802.11ax 40	5.386	0.419	0.93	0.32	0.19	0.2
802.11ax 80	5.406	0.399	0.93	0.32	0.18	0.2

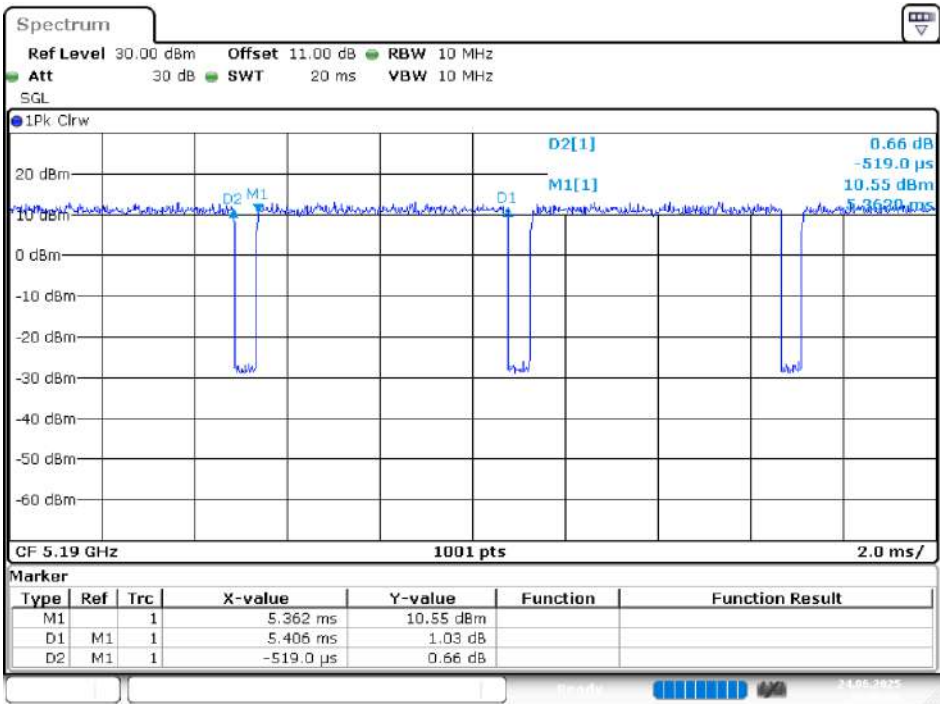
Note: Duty Cycle Correction Factor = 10*log(1/duty cycle)

Please refer to the following plots.

802.11ac VHT20 Mode

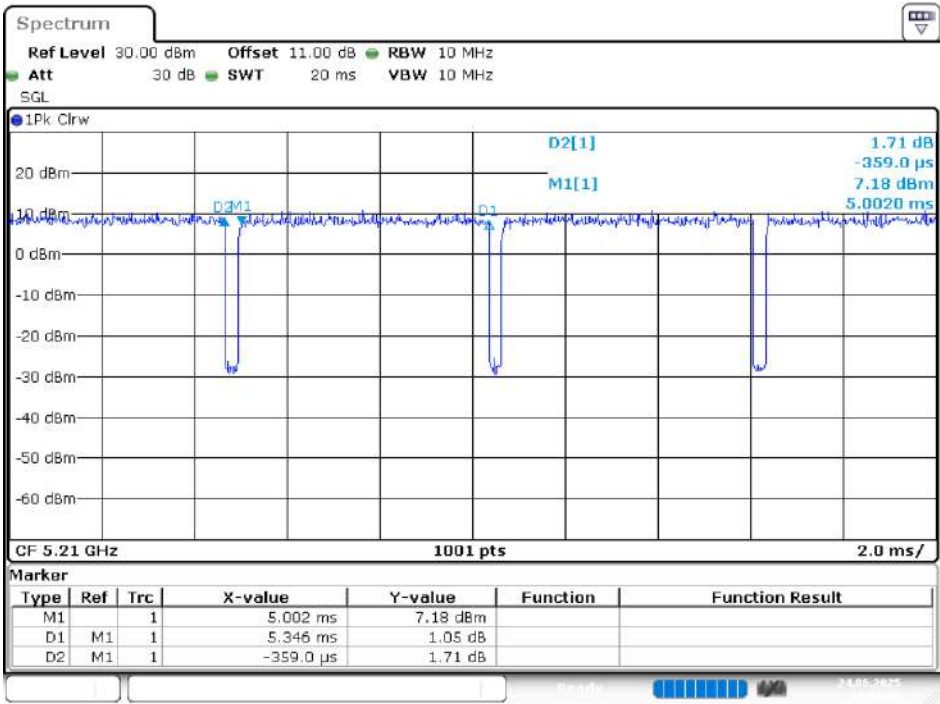


802.11ac VHT40 Mode



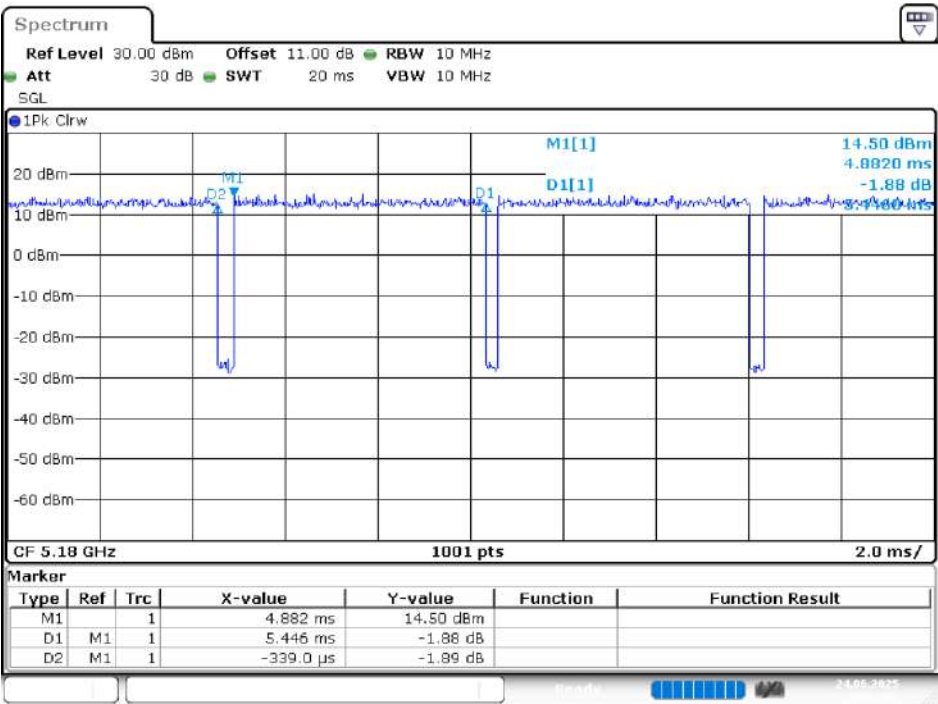
Date: 24.JUN.2025 15:06:36

802.11ac VHT80 Mode



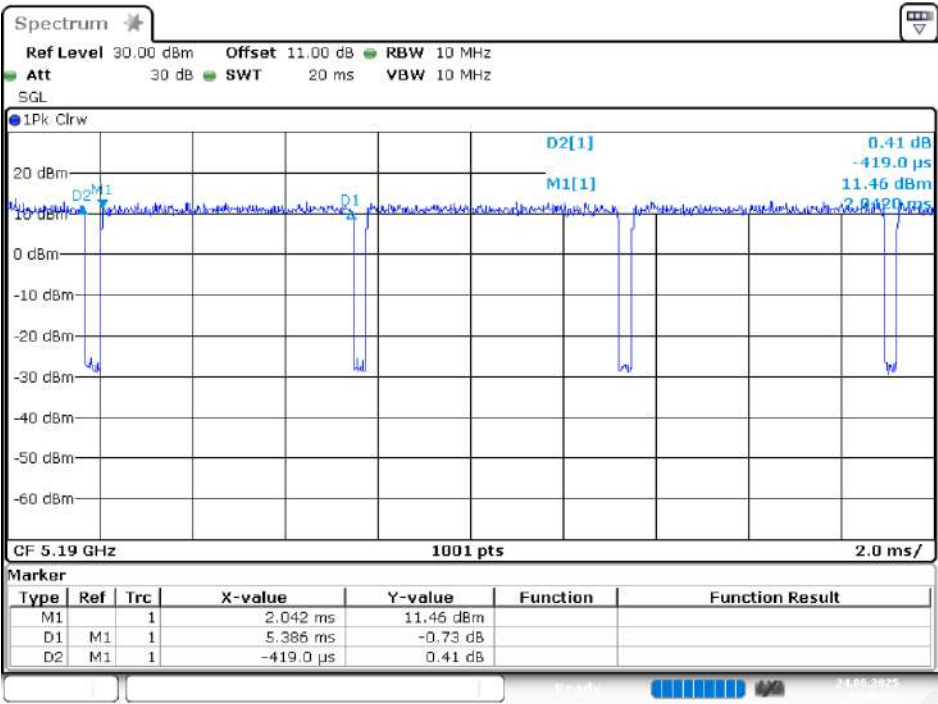
Date: 24.JUN.2025 14:38:24

802.11ax HE20 Mode



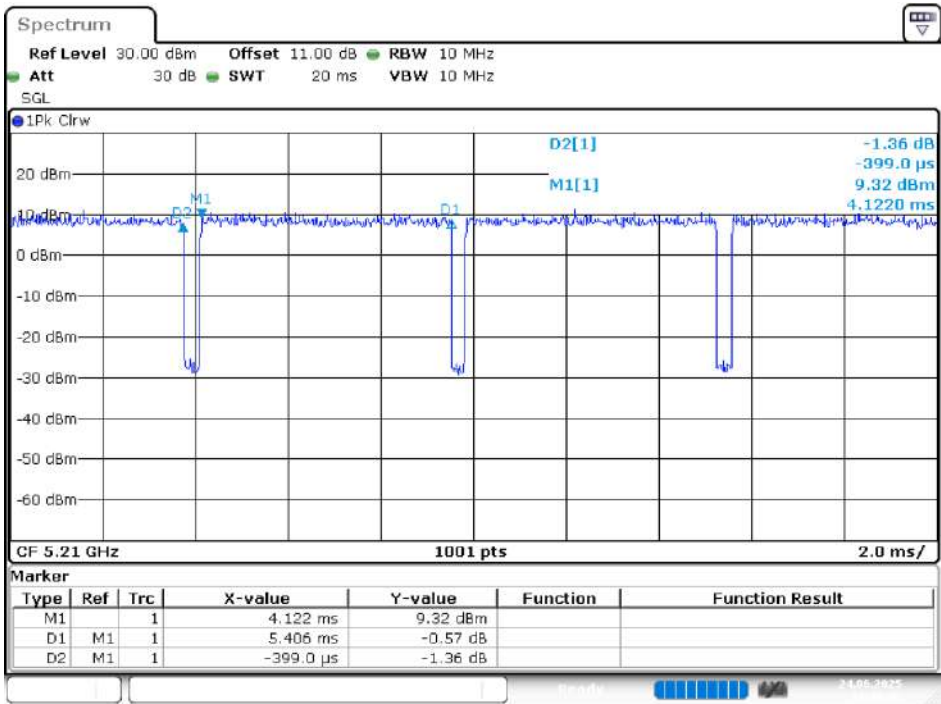
Date: 24.JUN.2025 15:22:27

802.11ax HE40 Mode



Date: 24.JUN.2025 14:56:43

802.11ax HE80 Mode



Date: 24 JUN 2025 14:48:42

3 Summary of Test Results

Standard(s) Section	Description of Test	Results
§15.203 RSS-GEN §6.8	Antenna Requirement	Compliance
§15.407(b)(9) & §15.207(a) RSS- GEN §8.8	AC Line Conducted Emissions	Compliance
§15.205 & §15.209 & §15.407(b) RSS-247 §6.2 RSS-GEN §8.9 RSS-GEN §8.10	Unwanted Emission	Compliance
RSS-247 §6.2.1.2	26dB Attenuated Below The Channel Power	Compliance
§15.407(a)(e) RSS-247 §6.2 RSS- GEN §6.7	Emission Bandwidth	Compliance
§15.407(a) RSS-247 §6.2	Conducted Transmitter Output Power	Compliance
§15.407(a) RSS-247 §6.2	Power Spectral Density	Compliance
RSS-247 §6.4	Additional requirements	Compliance

4 Test Equipment List and Details

Description	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conduction Room (CON-A)					
LISN	Rohde & Schwarz	ENV216	101612	2025/2/17	2026/2/17
EMI Test Receiver	Rohde & Schwarz	ESW	100947	2025/5/28	2026/5/28
RF Cable	EMEC	EM-CB5D	1	2024/6/5	2025/7/5
Software	AUDIX	E3	V9.150826k	N.C.R	N.C.R
Radiation 3M Room (966-A)					
Active Loop Antenna	ETS-Lindgren	6502	35796	2025/3/27	2026/3/27
Bilog Antenna with 6 dB Attenuator	SUNOL SCIENCES & MINI-CIRCUITS	JB6/UNAT-6+	A050115/15542_01	2025/1/16	2026/1/16
Horn Antenna	ETS-Lindgren	3115	40736	2025/5/6	2026/5/6
Horn Antenna	ETS-Lindgren	3116	62638	2024/8/30	2025/8/30
Preamplifier	Sonoma	310N	130602	2024/6/18	2025/6/18
Preamplifier	Channel	ERA-100M-18G-01D1748	EC2300051	2025/4/10	2026/4/10
Preamplifier	BACL	BACL-1313-A1840	4011511	2025/2/12	2026/2/12
Spectrum Analyzer	Rohde & Schwarz	FSV40	101939	2025/3/27	2026/3/27
EMI Test Receiver	Rohde & Schwarz	ESR3	102415	2025/3/19	2026/3/19
Microflex Cable	UTIFLEX	UFB197C-1-2362-70U-70U	225757-001	2024/12/20	2025/12/20
Coaxial Cable	UTIFLEX	UFB311A-Q-1440-300300	220490-006	2024/12/20	2025/12/20
Coaxial Cable	COMMATE	PEWC	8Dr	2024/12/20	2025/12/20
Cable	EMC	EMC105-SM-SM-10000	201003	2024/12/20	2025/12/20
Coaxial Cable	JUNFLON	J12J102248-00-B-5	AUG-07-15-044	2024/12/20	2025/12/20
Coaxial Cable	ROSNOL	K1K50-UP0264-K1K50-450CM	160309-1	2025/1/21	2026/1/21
Microflex Cable	ROSNOL	K1K50-UP0264-K1K50-80CM	160309-2	2025/1/21	2026/1/21
Band-stop filter	SinoSciTe	BSF5150-5850MN-0899-002	001	2024/10/19	2025/10/19
High-pass filter	XINGBOKEJI	XBLBQ-GTA29	200121-3-26	2024/10/19	2025/10/19
Software	AUDIX	E3	18621a	N.C.R	N.C.R
Conducted Room					
Spectrum Analyzer	Rohde & Schwarz(R&S)	FSV40	101140	2025/2/11	2026/2/11
Cable	UTIFLEX	UFA210A	9435	2024/10/1	2025/10/1
Power Sensor	Agilent	U2021XA	MY54080018	2025/2/5	2026/2/5
Attenuator	MCL	BW-S10W5+	1419	2025/3/6	2026/3/6

***Statement of Traceability:** BACL Corp. attests that all of the calibrations on the equipment items listed above were traceable to the SI System of Units via the R.O.C. Center for Measurement Standards of the Electronics Testing Center, Taiwan (ETC) or to another internationally recognized National Metrology Institute (NMI), and were compliant with the current Taiwan Accreditation Foundation (TAF) requirements.

5 FCC §15.203 & RSS-GEN §6.8 – Antenna Requirements

5.1 Applicable Standard

For intentional device, according to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used.

According to RSS-Gen §6.8, The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer. The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested. For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

5.2 Antenna Information

EUT Model	Antenna Type	Antenna Gain (dBi)	Input impedance
WA512G-AX-D	Dipole Antenna	Band 1: 4.7 Band 4: 4.4	50Ω
WA512G-AX-IP67	Dipole Antenna	Band 1: 4.81 Band 4: 6.17	50Ω

WA512G-AX-D : Unit uses a unique coupling to the intentional radiator.

WA512G-AX-IP67: Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

Result: Compliance

6 FCC §15.407(b)(9), §15.207(a) & RSS-GEN §8 – AC Line Conducted Emissions

6.1 Applicable Standard

As per FCC §15.407(b) (9)

Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207

RSS-Gen Clause 8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 μ H / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

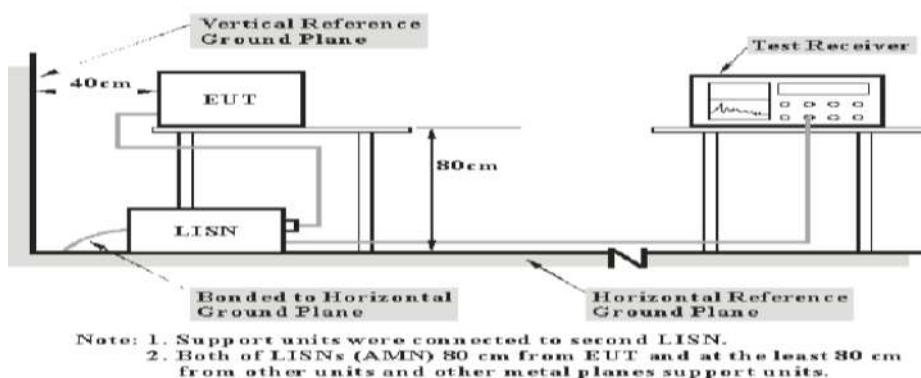
For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

The lower limit applies at the boundary between the frequencies ranges.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56 ^{Note 1}	56 to 46 ^{Note 1}
0.5-5	56	46
5-30	60	50

Note 1: Decreases with the logarithm of the frequency.

6.2 EUT Setup



The setup of EUT is according with per ANSI C63.10-2020 + Cor.1-2023 measurement procedure. The specification used was with the FCC Part 15.207 and RSS-GEN limits.

6.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations

Frequency Range	IF B/W
150kHz – 30MHz	9kHz

6.4 Test Procedure

During the conducted emission test, the POE was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

6.5 Corrected Factor & Over Limit Calculation

The factor is calculated by adding LISN/ISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation. The basic equation is as follows:

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss} + \text{Transient Limiter Attenuation}$$

The “Over Limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for Over Limit calculation is as follows:

$$\text{Over Limit} = \text{Result} - \text{Limit Line}$$

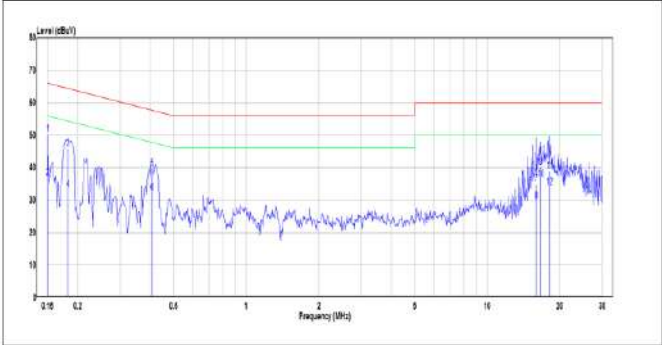
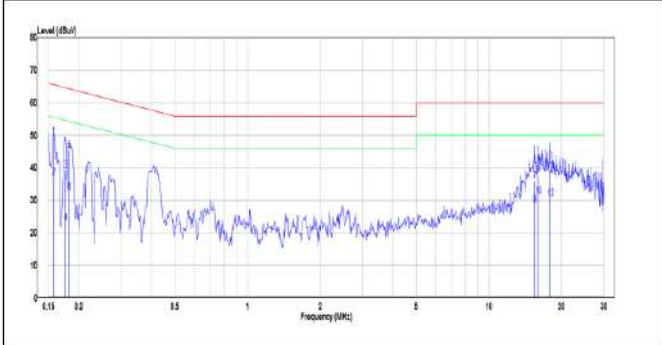
6.6 Test Results

Test Mode: Transmitting

Main: AC120 V, 60 Hz

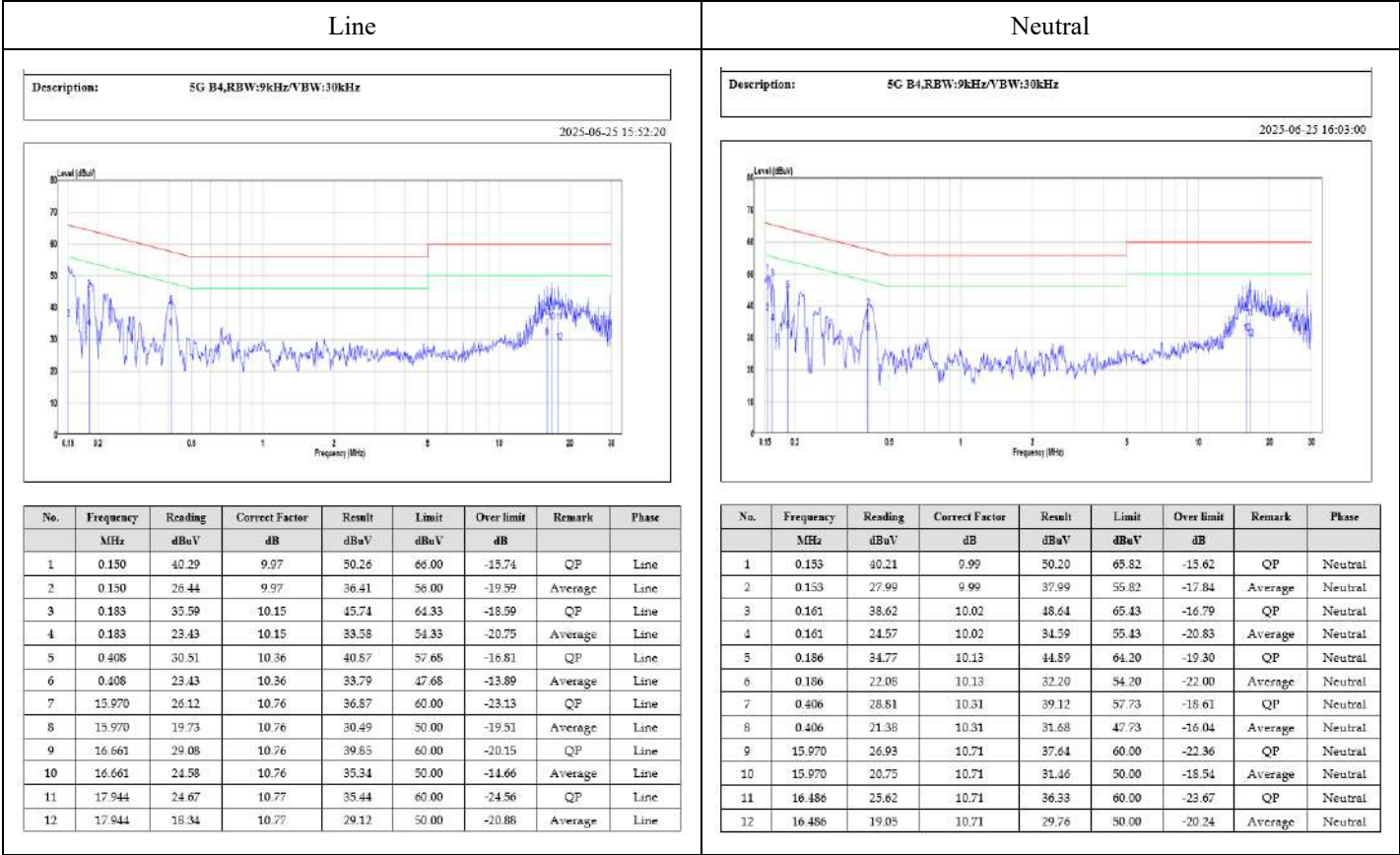
Beamforming

Band 1 (Worst case is 802.11ac 40 Mode, 5230MHz)

Line					Neutral				
Description: 5G B1, RBW:9kHz/VBW:30kHz					Description: 5G B1, RBW:9kHz/VBW:30kHz				
2025-06-23 15:40:16					2025-06-23 16:01:09				
									
No.	Frequency MHz	Reading dBmV	Correct Factor dB	Result dBmV	Limit dBmV	Over limit dB	Remark	Phase	
1	0.150	40.36	9.97	50.33	66.00	-15.67	QP	Line	
2	0.150	26.80	9.97	36.77	56.00	-19.23	Average	Line	
3	0.182	35.82	10.15	45.97	64.42	-18.45	QP	Line	
4	0.182	23.21	10.15	33.36	54.42	-21.06	Average	Line	
5	0.406	29.49	10.36	39.84	57.73	-17.88	QP	Line	
6	0.406	21.96	10.36	32.34	47.73	-15.39	Average	Line	
7	15.970	24.16	10.76	34.92	60.00	-25.08	QP	Line	
8	15.970	19.00	10.76	29.76	50.00	-20.24	Average	Line	
9	16.661	29.45	10.76	40.21	60.00	-19.79	QP	Line	
10	16.661	25.72	10.76	36.48	50.00	-13.52	Average	Line	
11	18.135	28.10	10.78	38.88	60.00	-21.12	QP	Line	
12	18.135	23.18	10.78	33.95	50.00	-16.05	Average	Line	

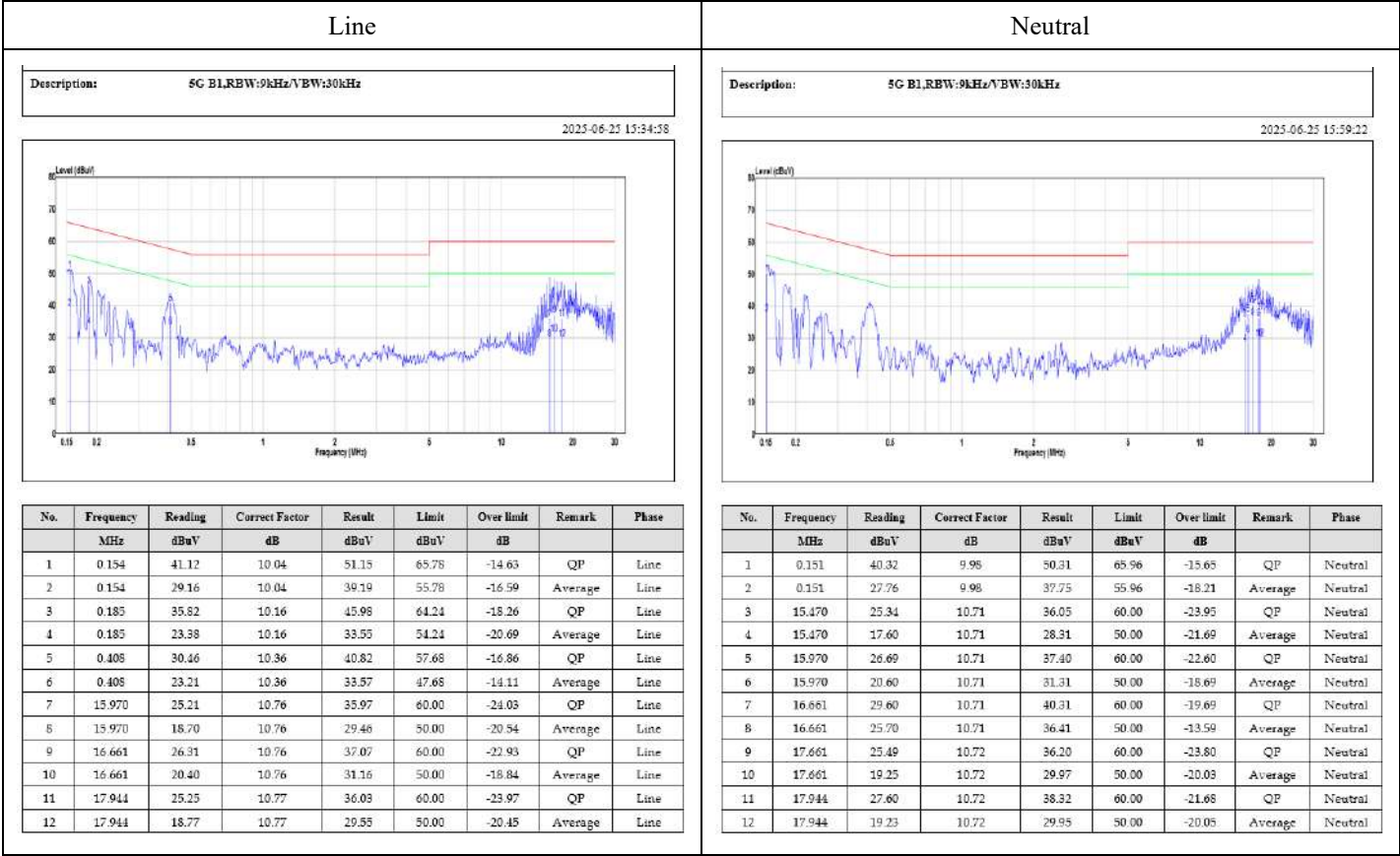
No.	Frequency MHz	Reading dBmV	Correct Factor dB	Result dBmV	Limit dBmV	Over limit dB	Remark	Phase	
1	0.157	39.73	10.01	49.74	65.60	-15.87	QP	Neutral	
2	0.157	27.07	10.01	37.08	55.60	-18.52	Average	Neutral	
3	0.176	29.37	10.08	39.45	64.66	-25.23	QP	Neutral	
4	0.176	13.06	10.08	23.14	54.66	-31.54	Average	Neutral	
5	0.182	35.44	10.11	45.55	64.37	-18.83	QP	Neutral	
6	0.182	22.56	10.11	32.67	54.37	-21.70	Average	Neutral	
7	15.470	25.31	10.71	36.02	60.00	-23.98	QP	Neutral	
8	15.470	17.99	10.71	28.69	50.00	-21.31	Average	Neutral	
9	15.970	27.02	10.71	37.73	60.00	-22.27	QP	Neutral	
10	15.970	20.71	10.71	31.42	50.00	-18.58	Average	Neutral	
11	17.944	28.36	10.72	39.08	60.00	-20.92	QP	Neutral	
12	17.944	19.92	10.72	30.64	50.00	-19.36	Average	Neutral	

Band 4 (Worst case is 802.11ac 40 Mode, 5795MHz)

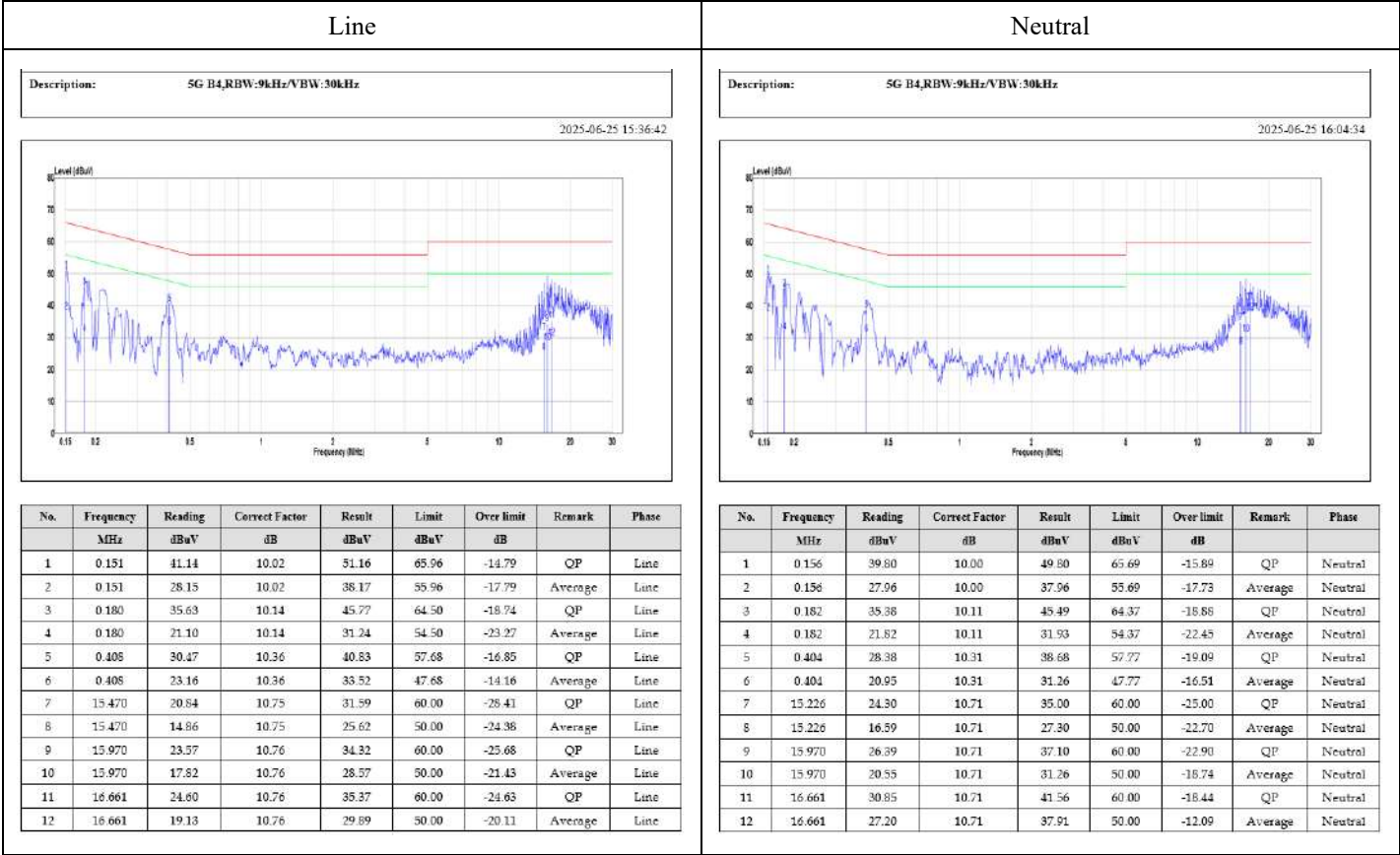


Non Beamforming

Band 1 (Worst case is 802.11ac 40 Mode, 5190MHz)



Band 4 (Worst case is 802.11ac 40 Mode, 5755MHz)



Note:

Result = Reading + Factor

Over Limit = Result - Limit Line

Factor = (LISN, ISN, PLC or current probe) Factor + Cable Loss + Attenuator

7 FCC §15.209, §15.205, §15.407(b) & RSS-247 §6.2, RSS-GEN §8.9, RSS-GEN §8.10 – Spurious Emissions

7.1 Applicable Standard

As Per FCC §15.205(a) except as show in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 – 0.110	16.42 – 16.423	608 – 614	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	960 – 1240	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	1300 – 1427	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1435 – 1626.5	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1645.5 – 1646.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1660 – 1710	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1718.8 – 1722.2	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	2200 – 2300	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2310 – 2390	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2483.5 – 2500	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2690 – 2900	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	3260 – 3267	22.01 – 23.12
8.41425 – 8.41475	162.0125 – 167.17	3.332 – 3.339	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3.3458 – 3.358	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3.600 – 4.400	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4		Above 38.6
13.36 – 13.41	399.9 – 410		

As per FCC §15.209(a): Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (micro volts/meter)	Measurement Distance (meters)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100**	3
88 - 216	150**	3
216 - 960	200**	3
Above 960	500	3

Note 1: Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

As per RSS-GEN §8.9: Except where otherwise indicated in the applicable RSS, radiated emissions shall comply with the field strength limits shown in table 5 and table 6. Additionally, the level of any transmitter unwanted emission shall not exceed the level of the transmitter's fundamental emission.

Table 5 – General field strength limits at frequencies above 30 MHz

Frequency (MHz)	Field Strength (μV/m at 3 m)
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency (MHz)	Field Strength (H-Field) (μA/m)	Measurement distance (m)
9 - 490 kHz ^{Note 1}	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

Note 2: The limit was added 51.5dB to convert the limit from dBuA/m to dBuV/m.

As per FCC Part 15.407 (b)

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (New Taipei Laboratory)

RSS-247 Clause 6.2

5.15-5.25 GHz

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS)and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

5.25-5.35 GHz

All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.; or

All emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device, except devices installed in vehicles, shall be labelled or include in the user manual the following text “for indoor use only.”

5.47-5.725 GHz

Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, devices with bandwidth overlapping the band edge of 5725 MHz can meet the emission limit of -27 dBm/MHz e.i.r.p.at 5850 MHz instead of 5725 MHz.

5.725-5.850 GHz

Devices operating in the band 5725-5850 MHz with antenna gain greater than 10 dBi can have unwanted emissions that comply with either the limits in this section or in section 5.5 until six (6) months after the publication date of this standard for certification. Certified devices that do not comply with emission limits in this section shall not be manufactured, imported, distributed, leased, offered for sale or sold after April 1, 2018.

Devices operating in the band 5725-5850 MHz with antenna gain of 10 dBi or less can have unwanted emissions that comply with either the limits in this section or in section 5.5 until April 1, 2018 for certification. Certified devices that do not comply with emission limits in this section shall not be manufactured, imported, distributed, leased, offered for sale or sold after April 1, 2020.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 Bm/MHz at 5 MHz above or below the band edges;

15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;

10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and

-27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

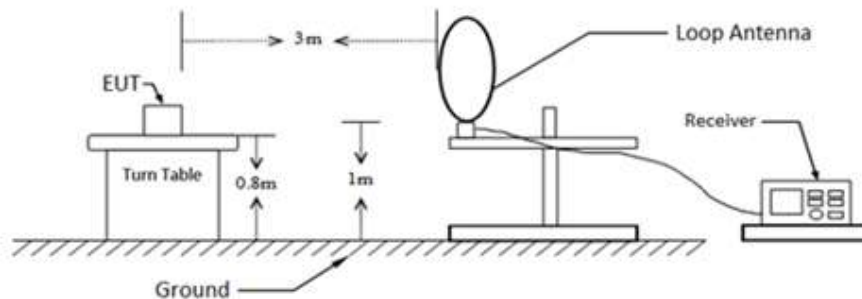
According to ANSI C63.10-2020 + Cor.1-2023, section 5.3.3

Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field, and the emissions to be measured can be detected by the measurement equipment (see 4.3.4).

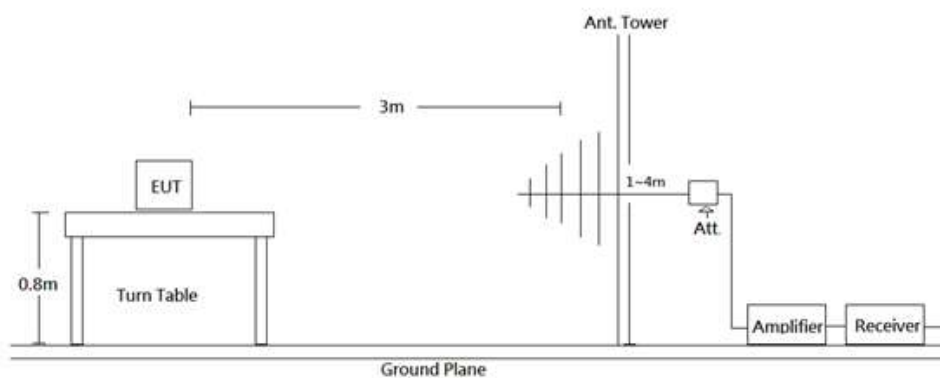
Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. Measurements from 18 GHz to 40 GHz are typically made at distances significantly less than 3 m from the EUT. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade of distance (inverse of linear distance for field-strength measurements or inverse of linear distance-squared for power-density measurements).

7.2 EUT Setup

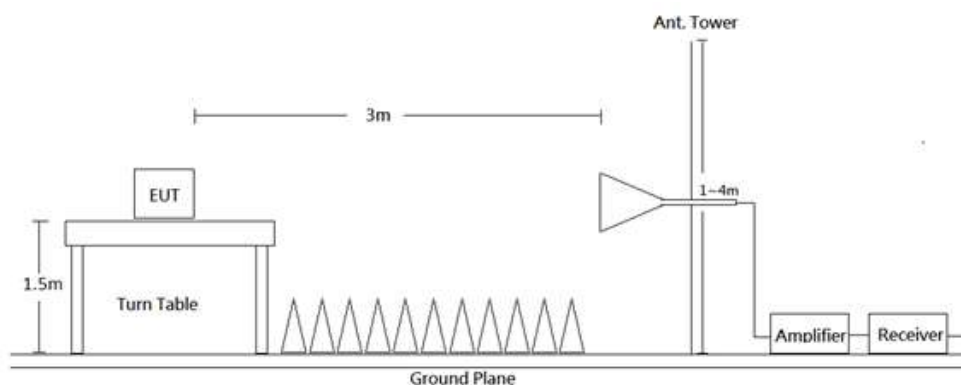
9kHz-30MHz:



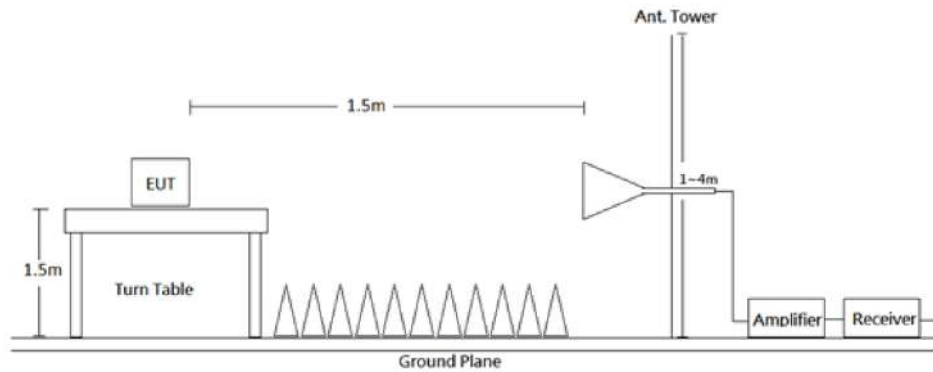
30MHz-1GHz:



1-18 GHz:



18-40 GHz:



Radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2020 + Cor.1-2023. The specification used was the FCC Part 15.209, FCC 15.407, RSS-247, RSS-GEN Limits.

7.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz. During the radiated emission test, the EMI test receiver was set with the following configurations measurement method 6.3 in ANSI C63.10.

Frequency Range	RBW	VBW	Duty cycle	Measurement method	Detector
9 kHz - 150 kHz	200 Hz/300 Hz	1 kHz	/	QP/AV	QP/AV
150 kHz - 30 MHz	9 kHz/10 kHz	30 kHz	/	QP/AV	QP/AV
30-1000 MHz	120 kHz/100kHz	300 kHz	/	QP/PK	QP/PK
Above 1 GHz	Pre-scan :				
	1 MHz	3 MHz	/	PK	PK
	1 MHz	1 kHz	>98%	Ave	PK
	1 MHz	$\geq 1/\text{Ton}$, not less than 200 Hz	<98%	Ave	PK
	Final measurement for emission identified during pre-scan :				
	1 MHz	3 MHz	/	PK	PK
	1 MHz	10 Hz	>98%	Ave	PK
	1 MHz	$\geq 1/\text{Ton}$	<98%	Ave	PK

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

7.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All data was recorded in Quasi-peak and average detector mode from 9 kHz to 30 MHz, Quasi-peak detector mode from 30 MHz to 1 GHz and PK and average detector modes for frequencies above 1 GHz.

According to C63.10, emission shall be computed as: $E [dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.

All emissions under the average limit and under the noise floor have not recorded in the report

7.5 Corrected Factor & Margin Calculation

The Correct Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Correct Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7 dB means the emission is 7 dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Level} - \text{Limit}$$

7.6 Test Results

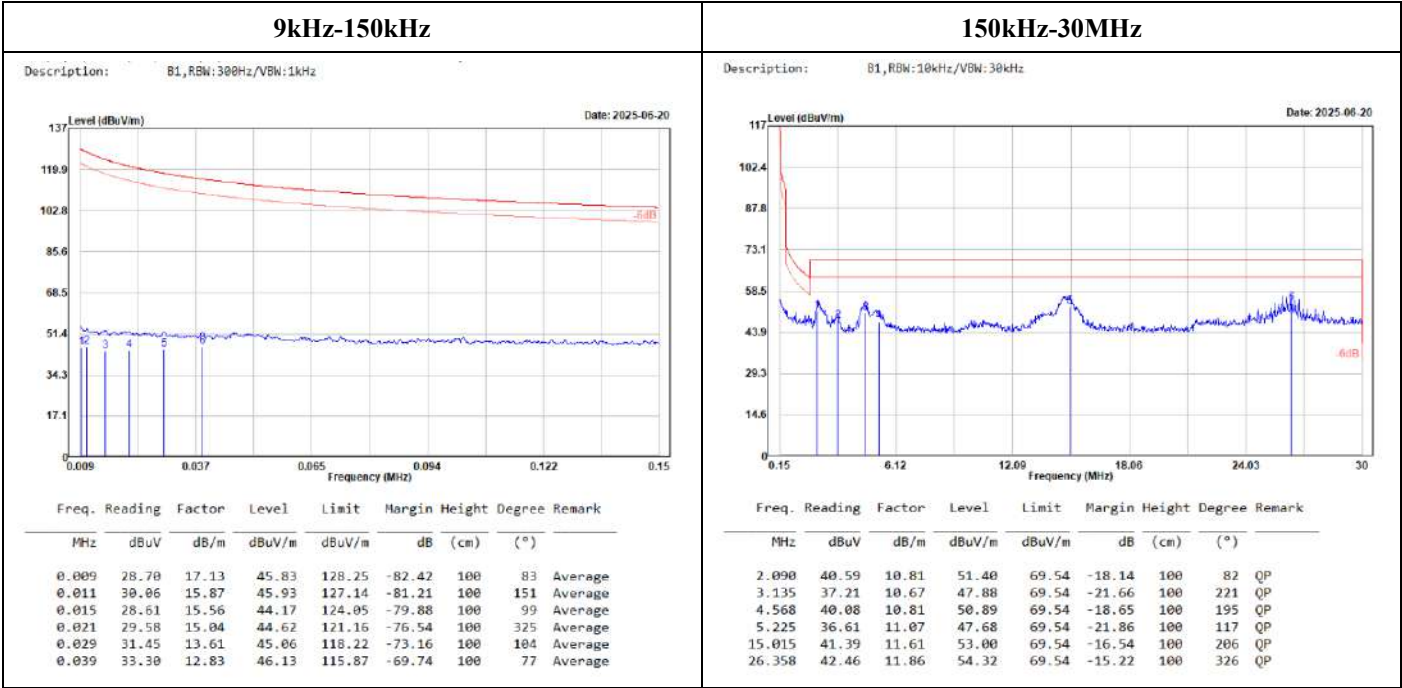
Test Mode: Transmitting

(Pre-scan with two orthogonal axis, and worse case as Y axis.)

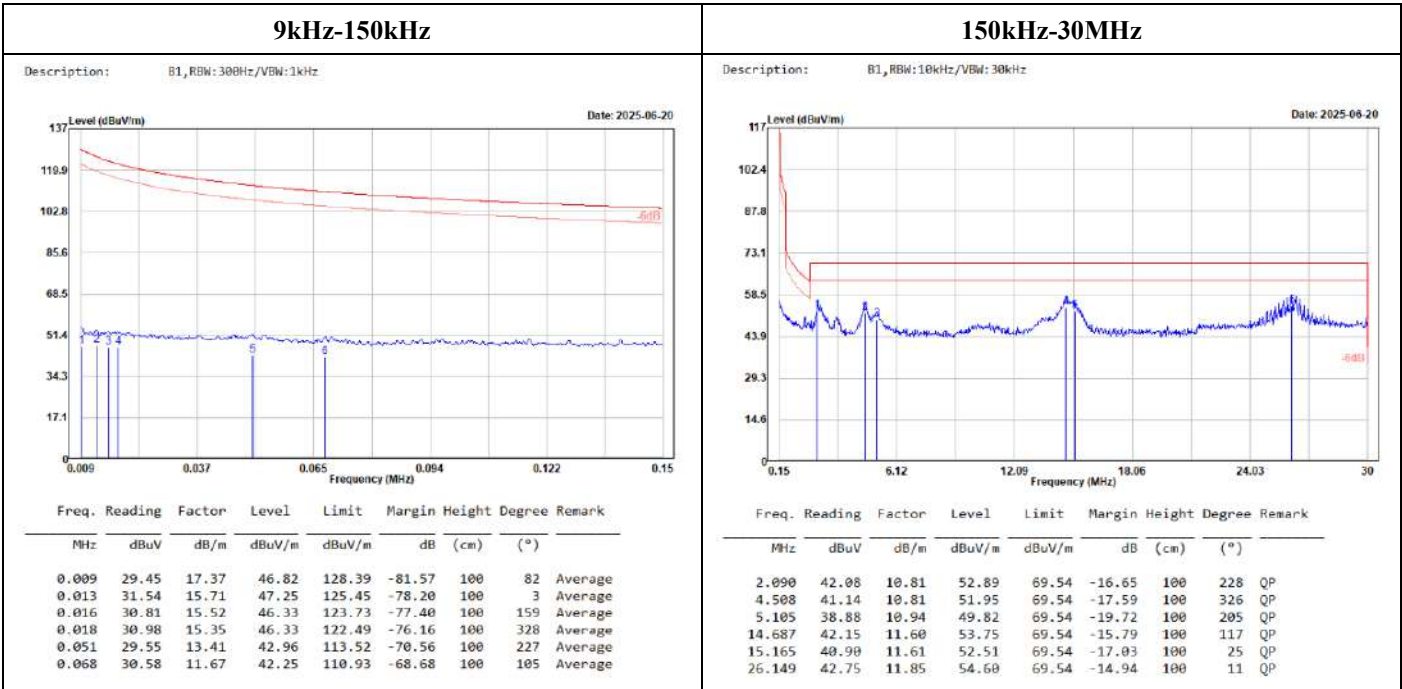
9kHz-30MHz:

(Pre-scan using three directional polarities, worst case as parallel.)

Beamforming (Worst case is 802.11ac 40 mode, 5230MHz)

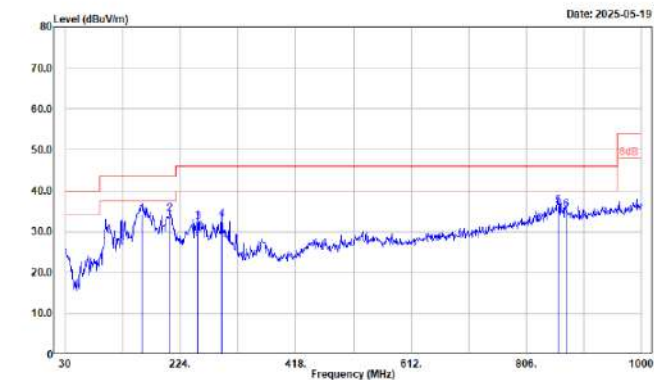


Non Beamforming (Worst case is 802.11ac 40 mode, 5190MHz)



30MHz-1GHz:**Beamforming****Mode 4****5150~5250 MHz: (Worst case is 802.11ac 40 Mode, 5230 MHz)****Horizontal**

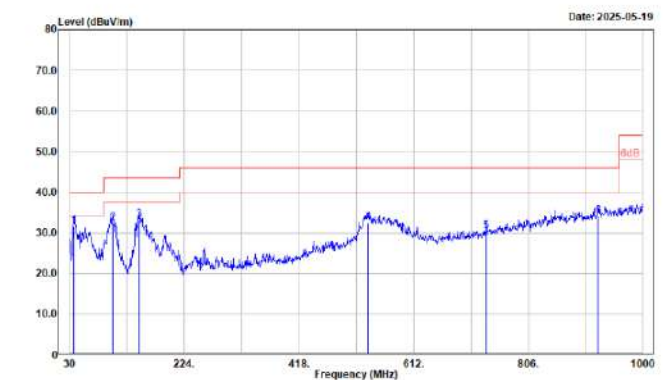
Description: B1-TX-LOW-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
159.010	43.95	-9.77	34.18	43.50	-9.32	100	59	QP
206.540	45.59	-11.34	34.25	43.50	-9.25	100	142	QP
254.070	42.63	-10.40	32.23	46.00	-13.77	300	70	QP
293.840	41.13	-8.14	32.99	46.00	-13.01	100	88	QP
860.320	32.09	4.08	36.17	46.00	-9.83	100	28	QP
873.900	31.22	4.20	35.42	46.00	-10.58	200	303	QP

Vertical

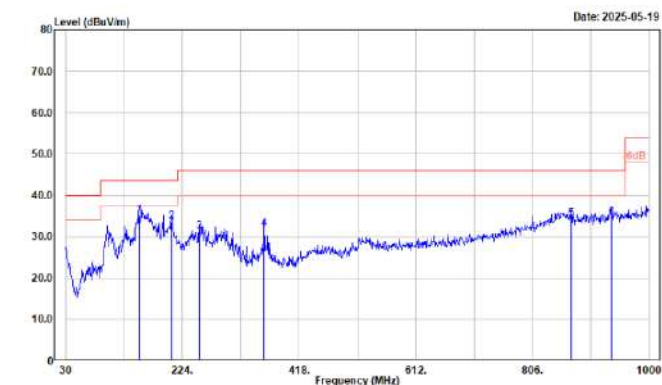
Description: B1-TX-LOW-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
36.790	38.83	-7.08	31.75	40.00	-8.25	100	236	QP
103.720	44.01	-11.72	32.29	43.50	-11.21	300	25	QP
147.370	42.55	-9.41	33.14	43.50	-10.36	100	305	QP
535.370	35.45	-2.85	32.60	46.00	-13.40	100	181	QP
735.190	29.19	1.09	30.28	46.00	-15.72	100	100	QP
924.340	28.53	5.60	34.13	46.00	-11.87	200	112	QP

5725~5850MHz: (Worst case is 802.11ac 40 Mode, 5795 MHz)**Horizontal**

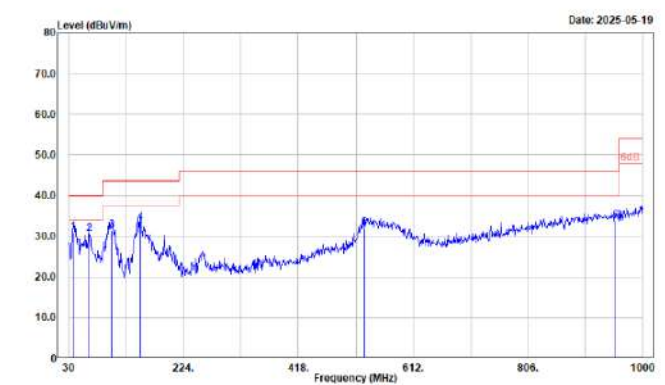
Description: B4-TX-Middle-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
152.220	44.74	-9.63	35.11	43.50	-8.39	100	91	QP
206.540	44.96	-11.34	33.62	43.50	-9.88	200	357	QP
252.130	41.66	-10.41	31.25	46.00	-14.75	100	76	QP
359.800	38.89	-7.04	31.85	46.00	-14.15	300	31	QP
870.990	30.11	4.15	34.26	46.00	-11.74	100	312	QP
936.950	28.46	5.97	34.43	46.00	-11.57	100	61	QP

Vertical

Description: B4-TX-Middle-Beamforming, RBW:100kHz/VBW:300kHz



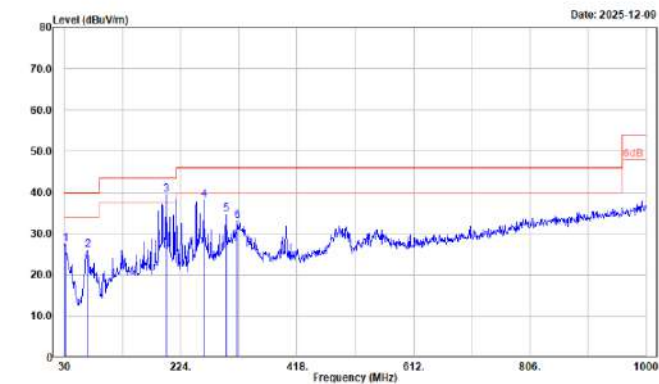
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
36.790	38.14	-7.08	31.06	40.00	-8.94	300	152	QP
63.950	45.87	-15.28	30.59	40.00	-9.41	100	105	QP
102.750	43.55	-12.11	31.44	43.50	-12.06	100	357	QP
151.250	42.82	-9.54	33.28	43.50	-10.22	200	293	QP
529.550	34.92	-2.78	32.14	46.00	-13.86	100	94	QP
954.410	27.84	6.08	33.92	46.00	-12.08	100	244	QP

Mode 3

5150~5250 MHz: (Worst case is 802.11ac 40 Mode, 5230 MHz)

Horizontal

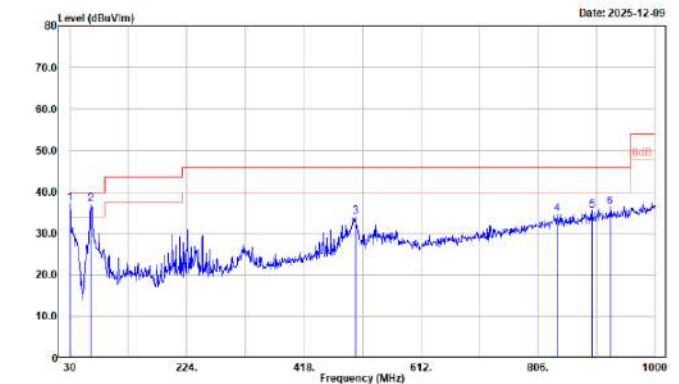
Description: B1-TX-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.970	30.99	-3.43	27.56	40.00	-12.44	300	360	QP
68.800	41.27	-15.19	26.08	40.00	-13.92	100	111	QP
199.750	48.76	-9.38	39.38	43.50	-4.12	200	287	QP
261.830	47.80	-9.58	38.22	46.00	-7.78	100	88	QP
299.660	42.74	-8.12	34.62	46.00	-11.38	200	95	QP
318.090	40.91	-7.84	33.07	46.00	-12.93	100	230	QP

Vertical

Description: B1-TX-Beamforming, RBW:100kHz/VBW:300kHz

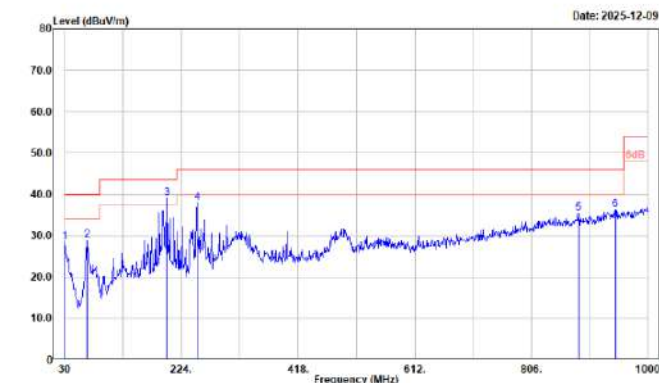


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	39.48	-2.28	37.20	40.00	-2.80	200	257	QP
64.920	52.50	-15.36	37.14	40.00	-2.86	100	265	QP
503.360	37.07	-3.11	33.96	46.00	-12.04	200	33	QP
837.040	31.09	3.58	34.67	46.00	-11.33	100	21	QP
895.240	30.56	4.93	35.49	46.00	-10.51	100	306	QP
926.280	30.65	5.68	36.33	46.00	-9.67	300	67	QP

5725~5850MHz: (Worst case is 802.11ac 40 Mode, 5795 MHz)

Horizontal

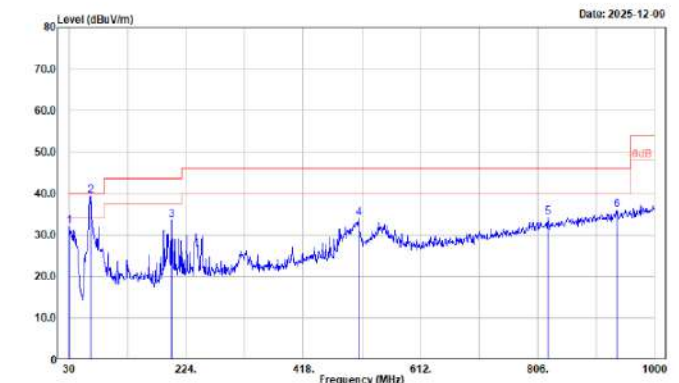
Description: B4-TX-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	30.72	-2.28	28.44	40.00	-11.56	100	211	QP
66.860	44.14	-15.20	28.94	40.00	-11.06	100	90	QP
199.750	48.32	-9.38	38.94	43.50	-4.56	200	275	QP
250.190	48.31	-10.42	37.89	46.00	-8.11	100	105	QP
884.570	30.59	4.65	35.24	46.00	-10.76	300	136	QP
945.680	30.34	5.94	36.28	46.00	-9.72	300	214	QP

Vertical

Description: B4-TX-Beamforming, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	34.34	-2.28	32.06	40.00	-7.94	100	2	QP
65.890	54.88	-15.45	39.43	40.00	-0.57	200	187	QP
199.750	42.95	-9.38	33.57	43.50	-9.93	100	20	QP
509.180	37.01	-2.96	34.05	46.00	-11.95	300	53	QP
822.490	31.04	3.23	34.27	46.00	-11.73	200	0	QP
937.920	30.02	5.93	35.95	46.00	-10.05	100	226	QP

Level = Reading + Factor.

Margin = Level - Limit.

Factor = Antenna Factor + Cable Loss - Amplifier Gain.

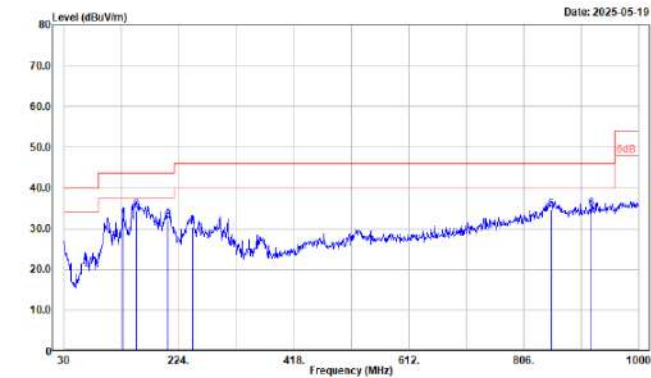
Non Beamforming

Mode 4

5150~5250 MHz: (Worst case is 802.11ac 40 Mode, 5190 MHz)

Horizontal

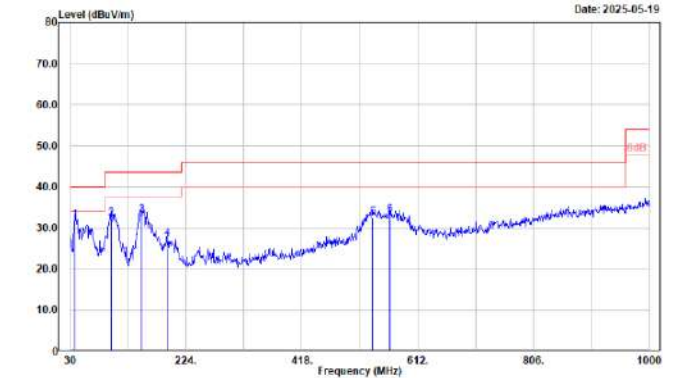
Description: B1-TX-Middle-POE, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
129.910	41.52	-8.93	32.59	43.50	-10.91	100	78	QP
152.220	44.14	-9.63	34.51	43.50	-8.99	200	51	QP
205.570	43.32	-11.21	32.11	43.50	-11.39	100	329	QP
248.250	40.69	-10.40	30.29	46.00	-15.71	200	85	QP
852.560	30.71	3.96	34.67	46.00	-11.33	300	272	QP
919.490	29.45	5.44	34.89	46.00	-11.11	100	112	QP

Vertical

Description: B1-TX-Middle-POE, RBW:100kHz/VBW:300kHz

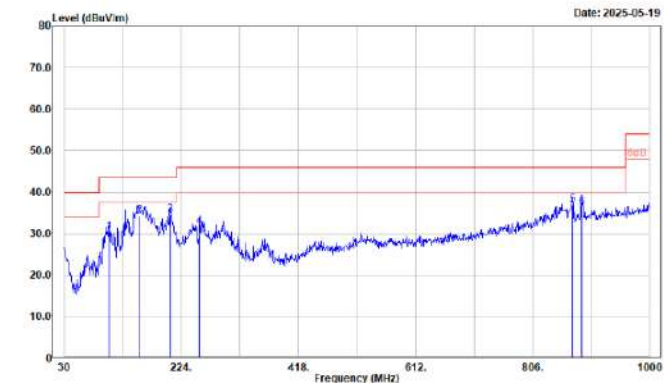


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
37.760	39.58	-7.70	31.88	40.00	-8.12	300	225	QP
98.870	45.50	-13.15	32.35	43.50	-11.15	100	88	QP
149.310	42.83	-9.60	33.23	43.50	-10.27	300	320	QP
191.990	38.13	-10.92	27.21	43.50	-16.29	100	344	QP
537.310	35.42	-2.92	32.50	46.00	-13.50	100	88	QP
565.440	35.46	-2.27	33.19	46.00	-12.81	200	177	QP

5725~5850MHz: (Worst case is 802.11ac 40 Mode, 5755 MHz)

Horizontal

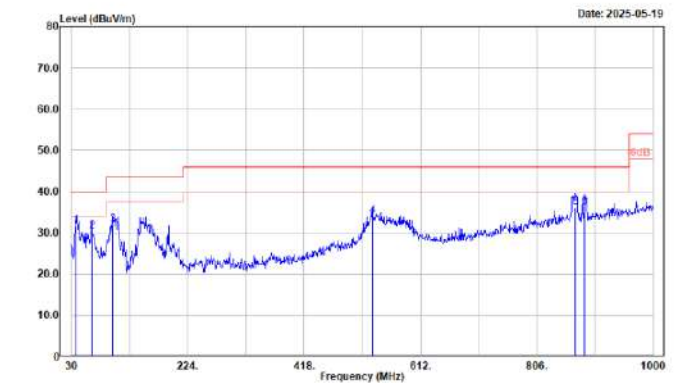
Description: B4-TX-Middle-POE, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
104.690	41.66	-11.37	30.29	43.50	-13.21	200	36	QP
153.190	43.85	-9.69	34.16	43.50	-9.34	100	51	QP
205.570	45.73	-11.21	34.52	43.50	-8.98	100	357	QP
254.070	42.10	-10.40	31.70	46.00	-14.30	200	81	QP
871.960	32.71	4.17	36.88	46.00	-9.12	100	17	QP
886.510	31.47	4.72	36.19	46.00	-9.81	300	289	QP

Vertical

Description: B4-TX-Middle-POE, RBW:100kHz/VBW:300kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
36.790	38.82	-7.08	31.74	40.00	-8.26	100	185	QP
63.950	45.57	-15.28	30.29	40.00	-9.71	300	71	QP
98.870	45.03	-13.15	31.88	43.50	-11.62	300	29	QP
531.490	36.92	-2.79	34.13	46.00	-11.87	100	74	QP
870.990	32.02	4.15	36.17	46.00	-9.83	200	200	QP
885.540	31.56	4.69	36.25	46.00	-9.75	100	301	QP

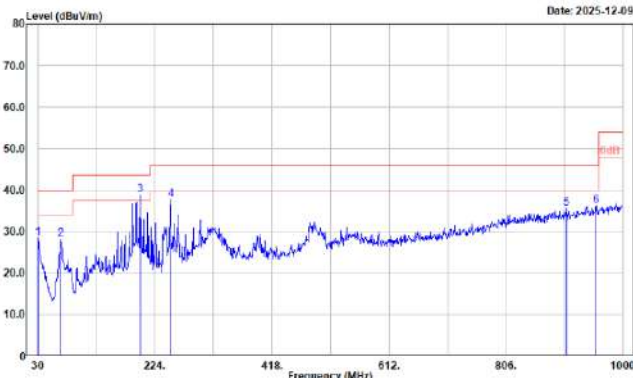
Mode 3

5150~5250 MHz: (Worst case is 802.11ac 40 Mode, 5190 MHz)

Horizontal

Description: B1-TX-No-Beamforming, RBW:100kHz/VBW:300kHz

Date: 2025-12-09

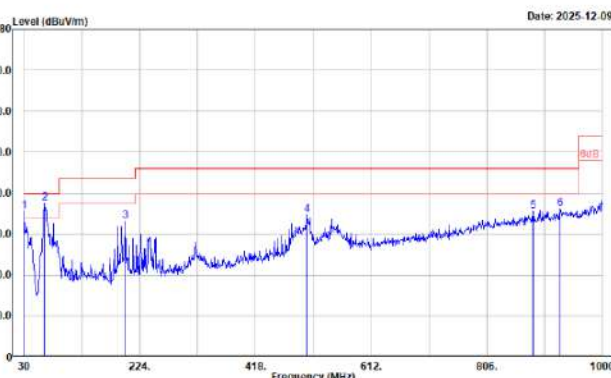


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	30.69	-2.28	28.41	40.00	-11.59	300	358	QP
67.830	43.16	-14.99	28.17	40.00	-11.83	100	109	QP
199.750	48.23	-9.38	38.85	43.50	-4.65	200	280	QP
250.190	48.07	-10.42	37.65	46.00	-8.35	100	102	QP
905.910	30.56	5.07	35.63	46.00	-10.37	100	167	QP
955.380	30.10	6.10	36.20	46.00	-9.80	300	86	QP

Vertical

Description: B1-TX-No-Beamforming, RBW:100kHz/VBW:300kHz

Date: 2025-12-09



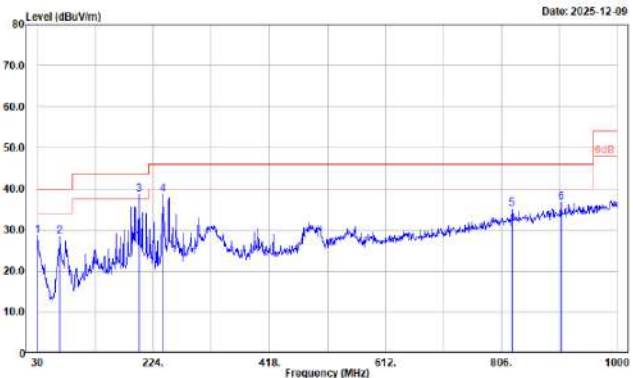
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	37.84	-2.28	35.56	40.00	-4.44	200	23	QP
64.920	52.83	-15.36	37.47	40.00	-2.53	100	323	QP
199.750	42.54	-9.38	33.16	43.50	-10.34	300	116	QP
504.330	37.84	-3.08	34.76	46.00	-11.24	200	15	QP
883.600	30.97	4.62	35.59	46.00	-10.41	100	281	QP
929.190	30.40	5.83	36.23	46.00	-9.77	100	112	QP

5725~5850MHz: (Worst case is 802.11ac 40 Mode, 5755 MHz)

Horizontal

Description: B4-TX-No-Beamforming, RBW:100kHz/VBW:300kHz

Date: 2025-12-09

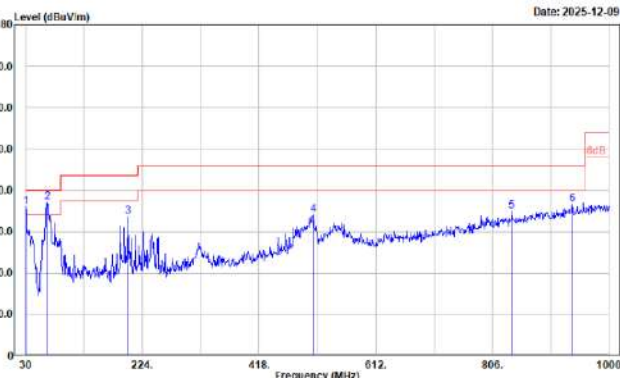


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	30.80	-2.28	28.52	40.00	-11.48	300	213	QP
67.830	43.29	-14.99	28.30	40.00	-11.70	200	109	QP
199.750	47.87	-9.38	38.49	43.50	-5.01	100	286	QP
239.520	49.05	-10.50	38.55	46.00	-7.45	100	240	QP
823.460	31.83	3.25	35.08	46.00	-10.92	300	328	QP
905.910	31.56	5.07	36.63	46.00	-9.37	100	228	QP

Vertical

Description: B4-TX-No-Beamforming, RBW:100kHz/VBW:300kHz

Date: 2025-12-09



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
30.000	38.27	-2.28	35.99	40.00	-4.01	300	33	QP
65.890	52.51	-15.45	37.06	40.00	-2.94	100	249	QP
199.750	42.93	-9.38	33.55	43.50	-9.95	200	360	QP
508.210	36.94	-2.98	33.96	46.00	-12.04	100	48	QP
838.010	31.39	3.61	35.00	46.00	-11.00	200	185	QP
938.890	30.82	5.91	36.73	46.00	-9.27	100	145	QP

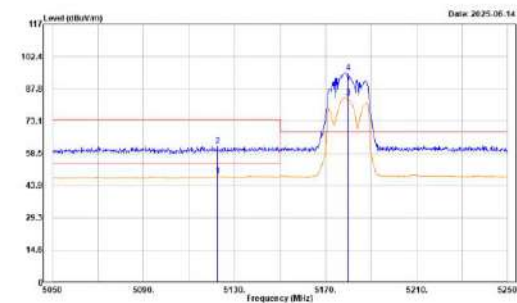
Level = Reading + Factor.

Margin = Level - Limit.

Factor = Antenna Factor + Cable Loss - Amplifier Gain.

Band-Edge**Beamforming****5150-5250 MHz****802.11ac VHT20 Mode, 5180 MHz****Horizontal**

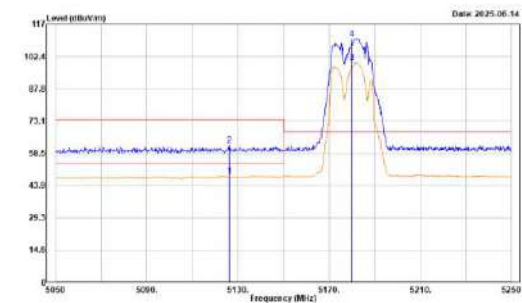
Description: AC20-TX-5180,Peak:RSW:1MHz/VBW:3MHz,Avg:RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5122.400	51.91	-3.77	48.14	54.00	-5.86	118	57	Average
5122.400	65.68	-3.77	61.91	74.00	-12.09	118	57	Peak
5180.000	87.20	-3.47	83.73			118	57	Average
5180.000	98.46	-3.47	94.99			118	57	Peak

Vertical

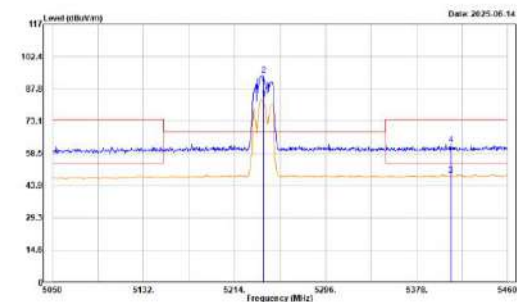
Description: AC20-TX-5180,Peak:RSW:1MHz/VBW:3MHz,Avg:RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5126.200	51.88	-3.76	48.12	54.00	-5.88	106	300	Average
5126.200	65.85	-3.76	62.09	74.00	-11.91	106	300	Peak
5180.000	102.91	-3.47	99.44			106	300	Average
5180.000	113.79	-3.47	110.32			106	300	Peak

802.11ac VHT20 Mode, 5240 MHz**Horizontal**

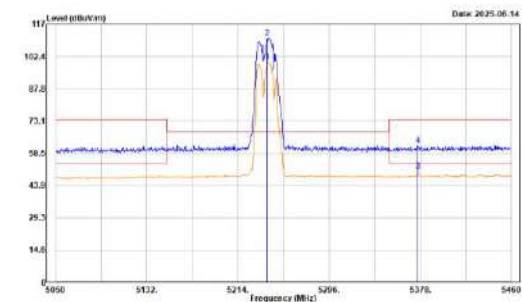
Description: AC20-TX-5240,Peak:RSW:1MHz/VBW:3MHz,Avg:RSW:1MHz/VBW:200Hz



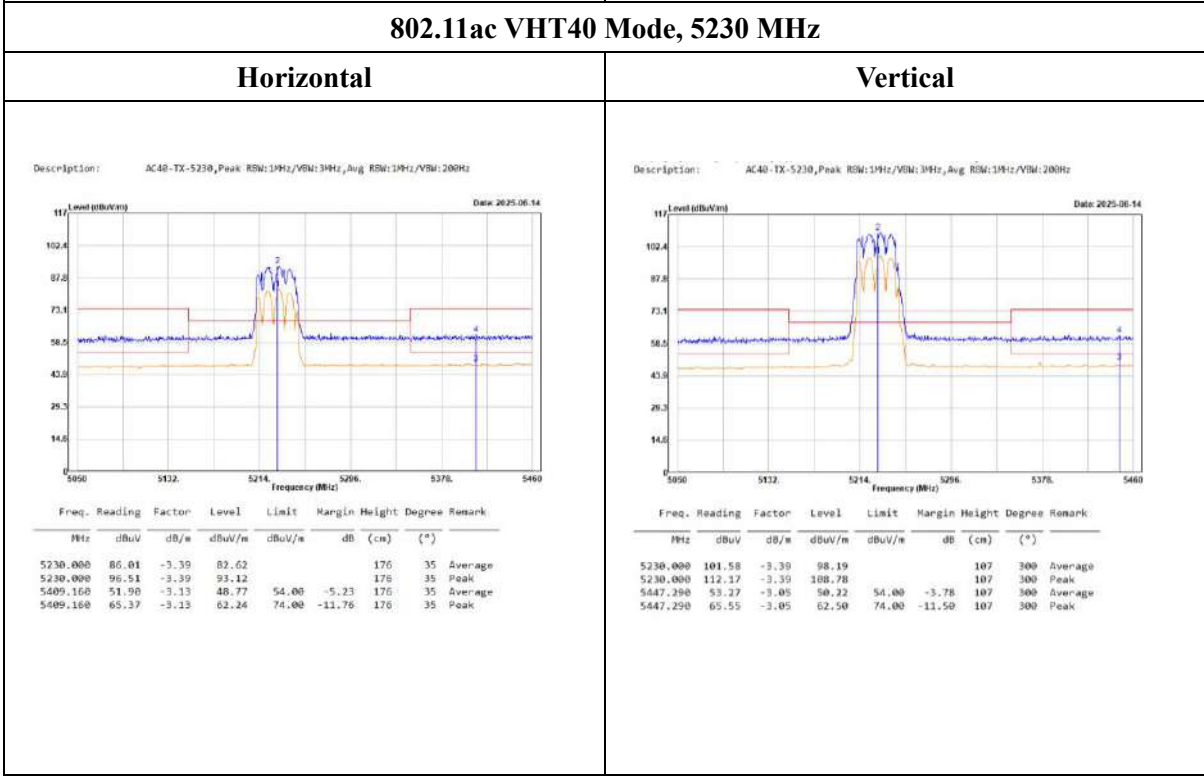
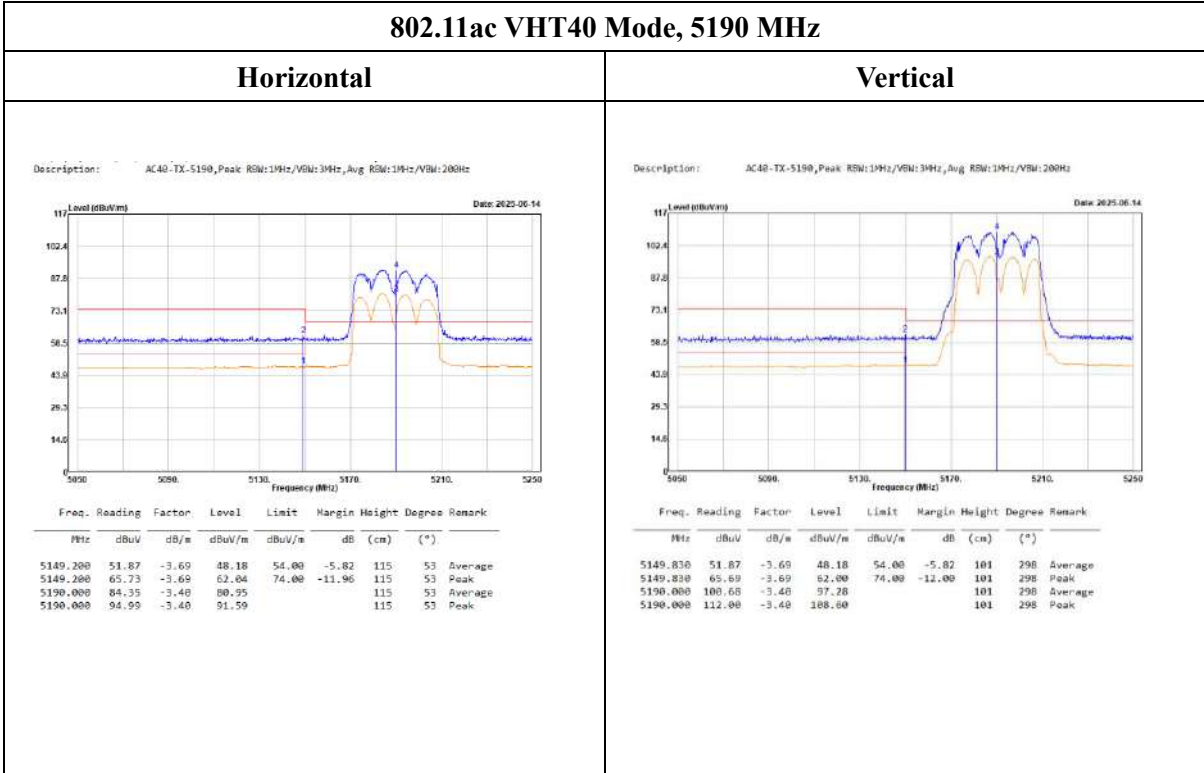
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5240.000	86.42	-3.41	83.01			117	56	Average
5240.000	97.33	-3.41	93.92			117	56	Peak
5408.750	51.76	-3.13	48.63	54.00	-5.37	117	56	Average
5408.750	65.68	-3.13	62.47	74.00	-11.53	117	56	Peak

Vertical

Description: AC20-TX-5240,Peak:RSW:1MHz/VBW:3MHz,Avg:RSW:1MHz/VBW:200Hz



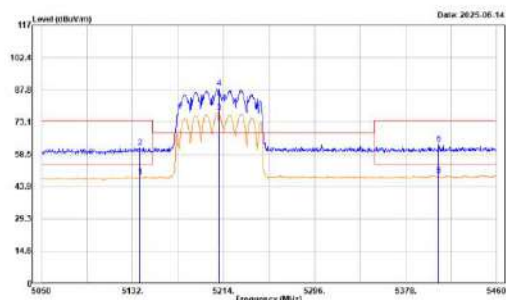
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5240.000	103.38	-3.41	99.97			106	300	Average
5240.000	114.10	-3.41	110.69			106	300	Peak
5375.540	53.67	-3.28	50.39	54.00	-3.61	106	300	Average
5375.540	65.57	-3.28	62.29	74.00	-11.71	106	300	Peak



802.11ac VHT80 Mode, 5210 MHz

Horizontal

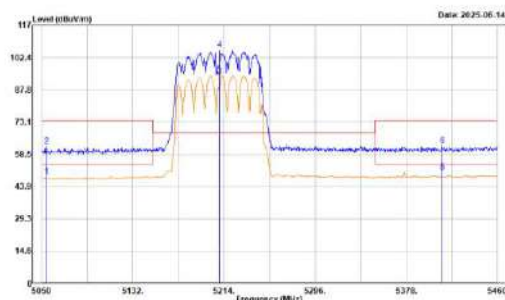
Description: AC80-TX-5210, Peak, RSN: 1MHz/VBN: 3MHz, Avg, RSN: 1MHz/VBN: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5130.560	51.82	-3.71	48.11	54.00	-5.89	111	55	Average
5130.560	65.32	-3.71	61.61	74.00	-12.39	111	55	Peak
5210.000	80.74	-3.36	77.38			111	55	Average
5210.000	91.90	-3.36	88.54			111	55	Peak
5407.930	51.83	-3.14	48.69	54.00	-5.31	111	55	Average
5407.930	66.27	-3.14	63.13	74.00	-10.87	111	55	Peak

Vertical

Description: AC80-TX-5210, Peak, RSN: 1MHz/VBN: 3MHz, Avg, RSN: 1MHz/VBN: 200Hz

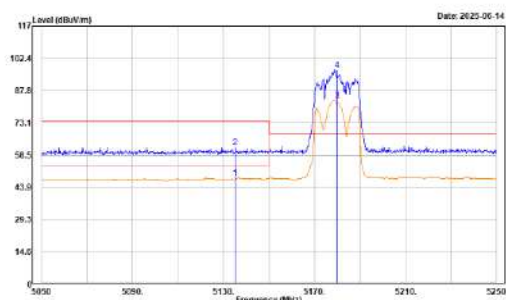


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5054.510	52.47	-4.06	48.41	54.00	-5.59	105	301	Average
5054.510	66.09	-4.06	62.03	74.00	-11.97	105	301	Peak
5210.000	97.36	-3.36	94.00			105	301	Average
5210.000	109.11	-3.36	105.75			105	301	Peak
5409.980	53.59	-3.13	50.46	54.00	-3.54	105	301	Average
5409.980	65.52	-3.13	62.39	74.00	-11.61	105	301	Peak

802.11ax HE20 Mode, 5180 MHz

Horizontal

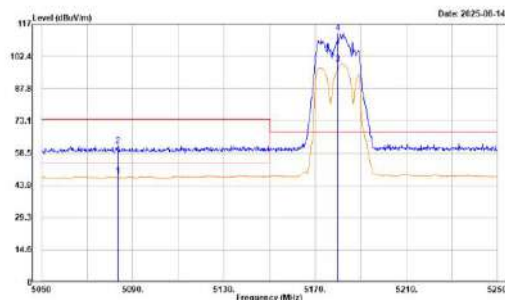
Description: AX30-TX-5180, Peak, RSN: 1MHz/VBN: 3MHz, Avg, RSN: 1MHz/VBN: 200Hz



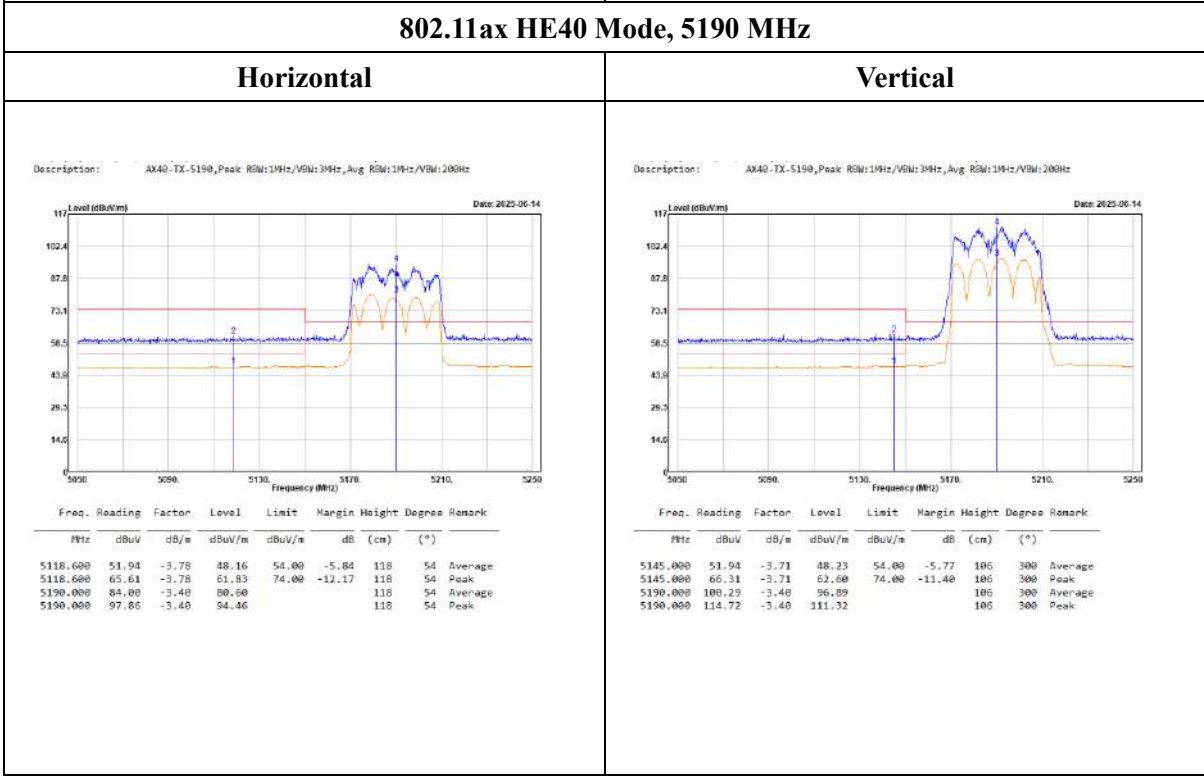
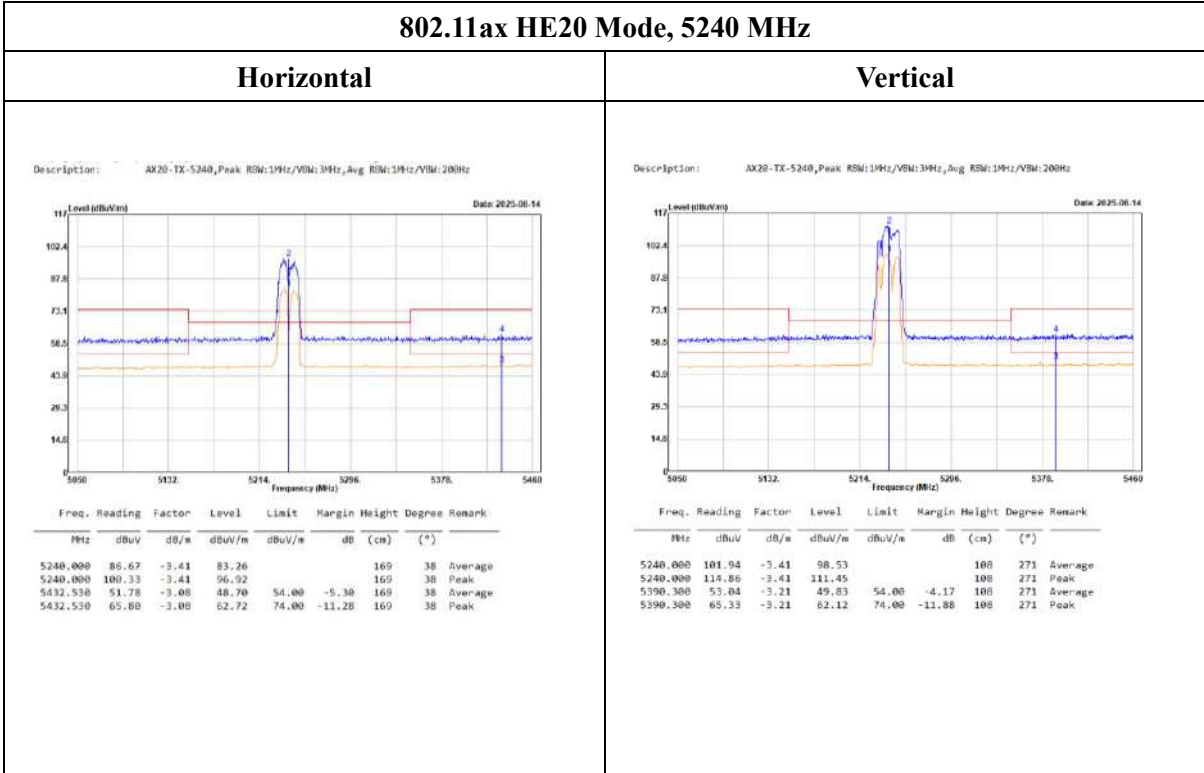
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5135.200	51.88	-3.73	48.15	54.00	-5.85	118	55	Average
5135.200	65.75	-3.73	62.02	74.00	-11.98	118	55	Peak
5180.000	86.88	-3.47	83.41			118	55	Average
5180.000	100.54	-3.47	97.07			118	55	Peak

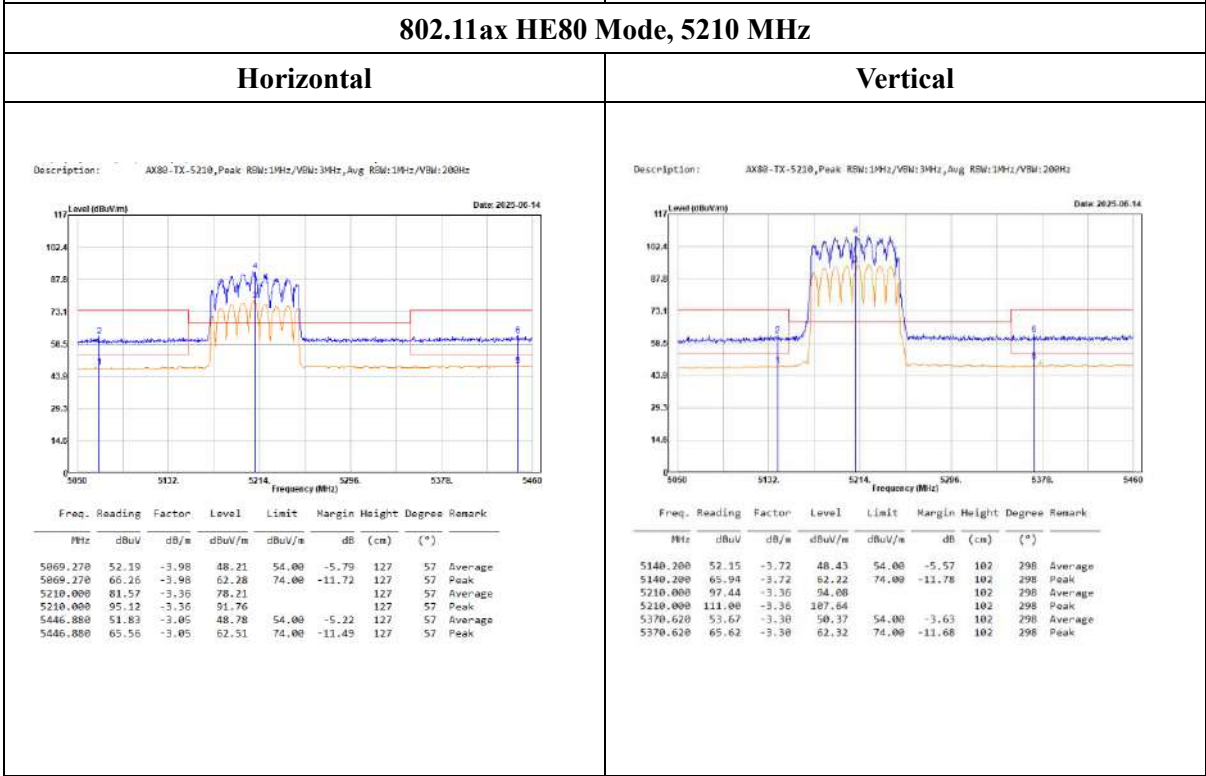
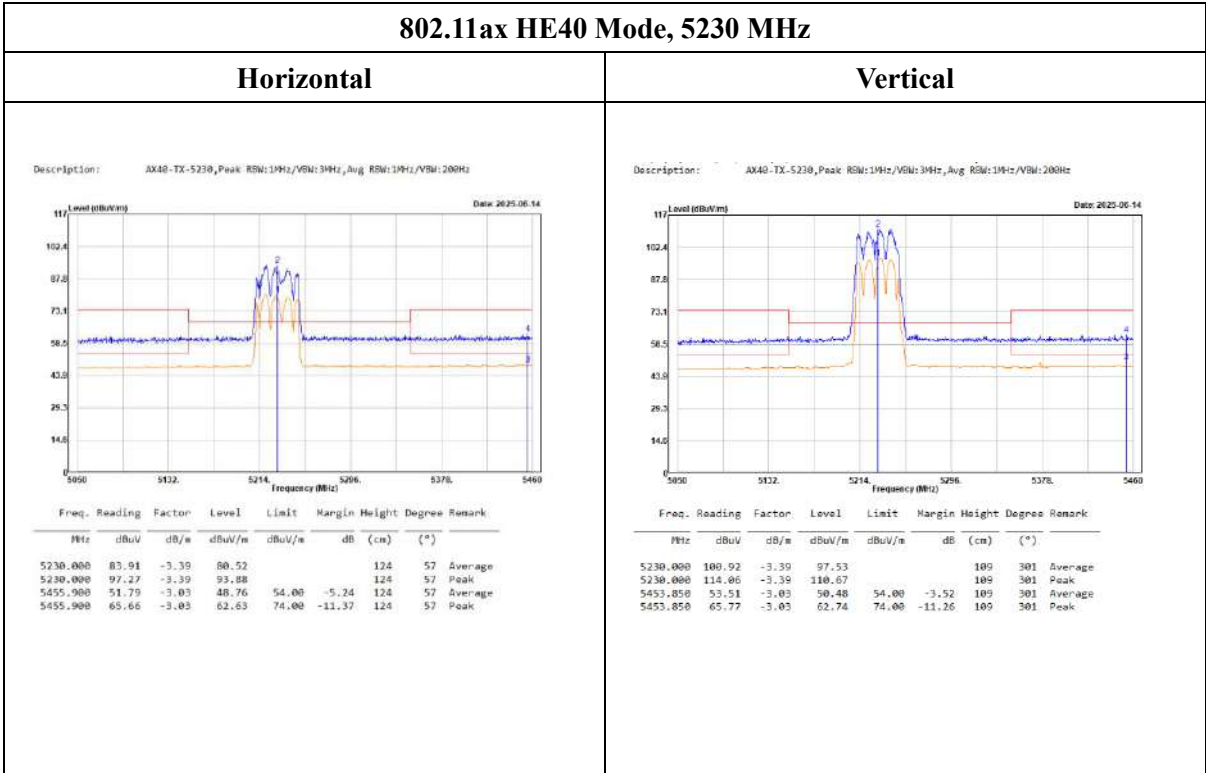
Vertical

Description: AX30-TX-5180, Peak, RSN: 1MHz/VBN: 3MHz, Avg, RSN: 1MHz/VBN: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5083.400	52.06	-3.93	48.13	54.00	-5.87	102	301	Average
5083.400	65.89	-3.93	61.96	74.00	-12.04	102	301	Peak
5180.000	102.40	-3.47	98.93			102	301	Average
5180.000	116.23	-3.47	112.76			102	301	Peak



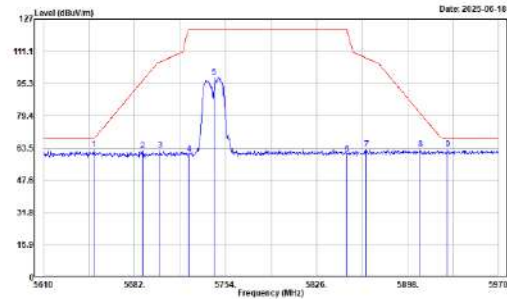


5725-5850 MHz

802.11ac VHT20 Mode, 5745 MHz

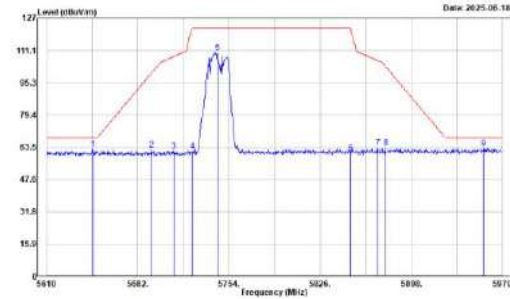
Horizontal

Description: AC20-TX-5745, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Vertical

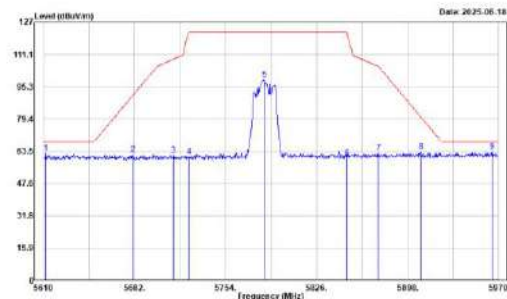
Description: AC20-TX-5745, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



802.11ac VHT20 Mode, 5785 MHz

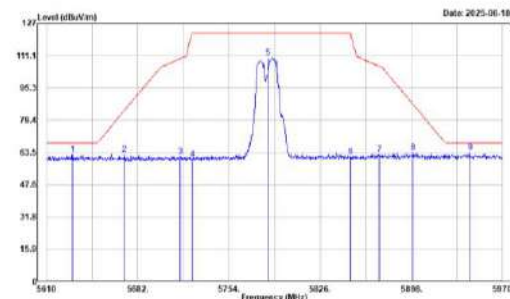
Horizontal

Description: AC20-TX-5785, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Vertical

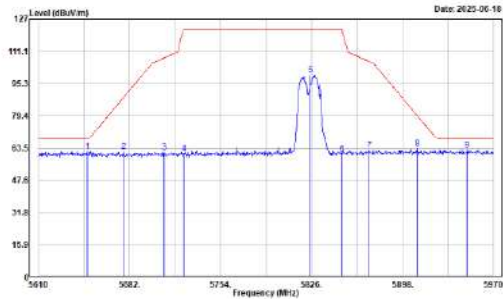
Description: AC20-TX-5785, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



802.11ac VHT20 Mode, 5825 MHz

Horizontal

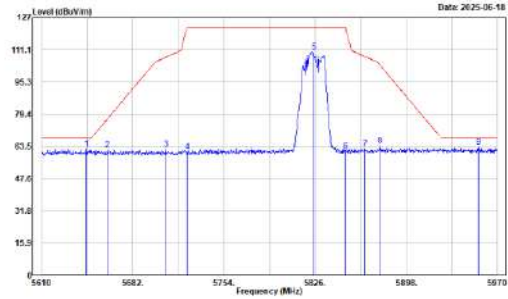
Description: AC20-TX-5825, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5648.520	65.25	-3.23	62.02	68.20	-6.18	135	18	Peak
5677.320	65.34	-3.33	62.01	88.46	-26.45	135	18	Peak
5709.360	65.17	-3.41	61.76	107.82	-46.06	135	18	Peak
5725.000	64.32	-3.39	60.93	122.20	-61.27	135	18	Peak
5825.000	102.57	-3.10	99.47			135	18	Peak
5850.000	63.81	-3.09	60.72	122.20	-61.48	135	18	Peak
5871.720	65.63	-2.96	62.67	106.12	-43.45	135	18	Peak
5909.520	65.95	-2.74	63.21	79.62	-16.41	135	18	Peak
5949.120	65.23	-2.64	62.59	68.20	-5.61	135	18	Peak

Vertical

Description: AC20-TX-5825, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

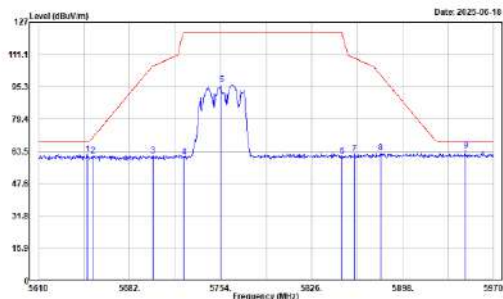


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5645.640	65.48	-3.22	62.26	68.20	-5.94	175	4	Peak
5662.200	65.09	-3.28	61.81	77.26	-15.45	175	4	Peak
5708.200	65.60	-3.41	62.19	107.52	-45.33	175	4	Peak
5725.000	64.17	-3.39	60.78	122.20	-61.42	175	4	Peak
5825.000	113.29	-3.10	110.19			175	4	Peak
5850.000	64.22	-3.09	61.13	122.20	-61.07	175	4	Peak
5865.600	65.46	-3.00	62.46	107.83	-45.37	175	4	Peak
5877.120	67.01	-2.92	64.09	103.62	-39.53	175	4	Peak
5954.880	65.83	-2.64	63.19	68.20	-5.01	175	4	Peak

802.11ac VHT40 Mode, 5755 MHz

Horizontal

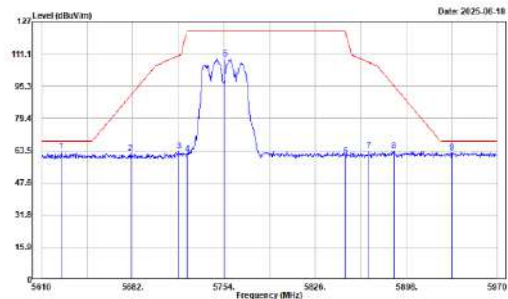
Description: AC40-TX-5755, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5648.520	65.68	-3.23	62.45	68.20	-5.75	133	21	Peak
5653.200	65.01	-3.24	61.77	70.58	-8.81	133	21	Peak
5709.720	65.05	-3.42	61.63	105.40	-43.77	133	21	Peak
5725.000	64.14	-3.39	60.75	122.20	-61.45	133	21	Peak
5755.000	99.78	-3.24	96.54			133	21	Peak
5850.000	64.39	-3.09	61.30	122.20	-60.90	133	21	Peak
5860.200	65.55	-3.02	62.53	109.34	-46.81	133	21	Peak
5880.720	65.73	-2.90	62.83	100.95	-38.12	133	21	Peak
5947.680	66.62	-2.64	63.98	68.20	-4.22	133	21	Peak

Vertical

Description: AC40-TX-5755, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

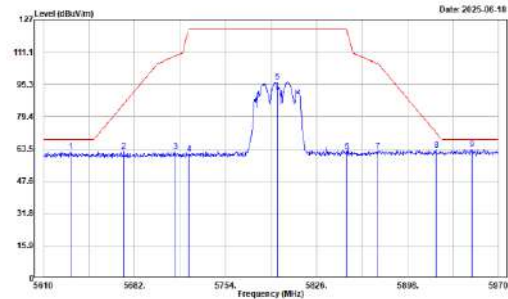


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5625.480	66.49	-3.14	63.35	68.20	-4.85	155	3	Peak
5680.200	65.46	-3.34	62.12	90.59	-28.47	155	3	Peak
5718.360	66.80	-3.40	63.40	110.34	-46.94	155	3	Peak
5725.000	65.41	-3.39	62.02	122.20	-60.18	155	3	Peak
5755.000	112.00	-3.34	108.66			155	3	Peak
5850.000	63.92	-3.09	60.83	122.20	-61.37	155	3	Peak
5868.480	66.14	-2.98	63.16	107.02	-43.86	155	3	Peak
5887.920	66.29	-2.85	63.44	95.61	-32.17	155	3	Peak
5934.000	65.46	-2.68	62.78	68.20	-5.42	155	3	Peak

802.11ac VHT40 Mode, 5795 MHz

Horizontal

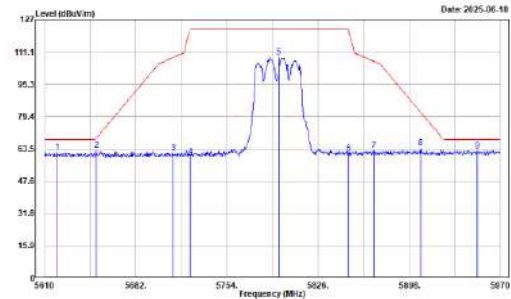
Description: AC40-TX-5795, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5631.600	65.33	-3.16	62.17	68.20	-6.03	160	19	Peak
5673.720	65.74	-3.31	62.43	85.79	-23.36	160	19	Peak
5714.400	65.53	-3.40	62.13	109.23	-47.10	160	19	Peak
5725.000	64.47	-3.39	61.08	122.20	-61.12	160	19	Peak
5795.000	99.66	-3.14	96.52			160	19	Peak
5850.000	65.56	-3.09	62.47	122.20	-59.73	160	19	Peak
5874.240	65.36	-2.94	62.42	105.41	-42.99	160	19	Peak
5920.680	65.64	-2.72	62.92	71.38	-8.46	160	19	Peak
5948.760	66.03	-2.64	63.39	68.20	-4.81	160	19	Peak

Vertical

Description: AC40-TX-5795, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

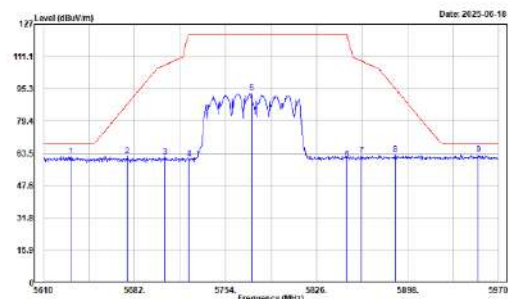


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5619.720	65.18	-3.12	61.98	68.20	-6.22	170	5	Peak
5650.680	66.21	-3.23	62.98	68.71	-5.73	170	5	Peak
5711.520	65.01	-3.41	61.60	108.43	-46.83	170	5	Peak
5725.000	63.22	-3.39	59.83	122.20	-62.37	170	5	Peak
5795.000	111.83	-3.14	108.69			170	5	Peak
5850.000	64.35	-3.09	61.26	122.20	-60.94	170	5	Peak
5869.920	66.18	-2.97	63.13	106.62	-43.49	170	5	Peak
5907.000	66.61	-2.75	63.86	81.48	-17.62	170	5	Peak
5951.640	65.39	-2.63	62.76	68.20	-5.44	170	5	Peak

802.11ac VHT80 Mode, 5775 MHz

Horizontal

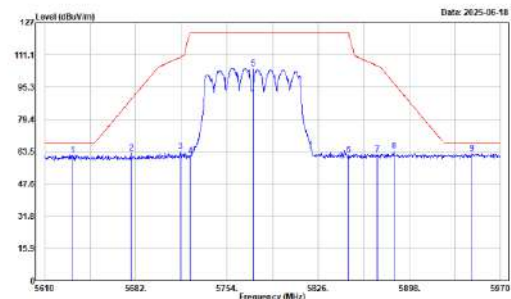
Description: AC80-TX-5775, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5631.600	65.45	-3.16	62.29	68.20	-5.91	130	18	Peak
5676.600	65.76	-3.33	62.43	87.92	-25.49	130	18	Peak
5706.480	65.48	-3.41	62.07	107.02	-44.95	130	18	Peak
5725.000	64.36	-3.39	60.97	122.20	-61.23	130	18	Peak
5775.000	96.36	-3.24	93.12			130	18	Peak
5850.000	63.52	-3.09	60.43	122.20	-61.77	130	18	Peak
5861.640	65.49	-3.02	62.47	108.94	-46.47	130	18	Peak
5887.920	65.79	-2.85	62.94	95.61	-32.67	130	18	Peak
5954.160	65.76	-2.64	63.12	68.20	-5.08	130	18	Peak

Vertical

Description: AC80-TX-5775, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

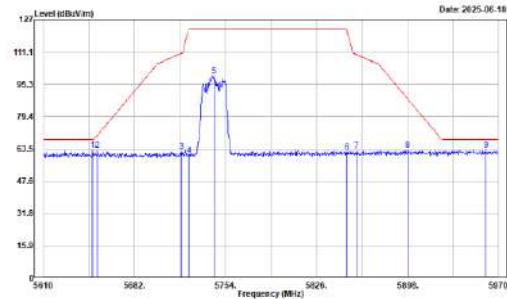


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5631.960	65.13	-3.16	61.97	68.20	-6.23	167	4	Peak
5678.400	66.42	-3.33	63.09	89.26	-26.17	167	4	Peak
5717.280	67.05	-3.40	63.66	110.06	-46.36	167	4	Peak
5725.000	64.86	-3.39	61.47	122.20	-60.73	167	4	Peak
5775.000	107.93	-3.24	104.69			167	4	Peak
5850.000	65.14	-3.09	62.05	122.20	-60.15	167	4	Peak
5872.440	65.28	-2.96	62.32	105.92	-43.60	167	4	Peak
5885.760	66.88	-2.87	64.01	97.21	-33.20	167	4	Peak
5947.320	65.37	-2.65	62.72	68.20	-5.48	167	4	Peak

802.11ax HE20 Mode, 5745 MHz

Horizontal

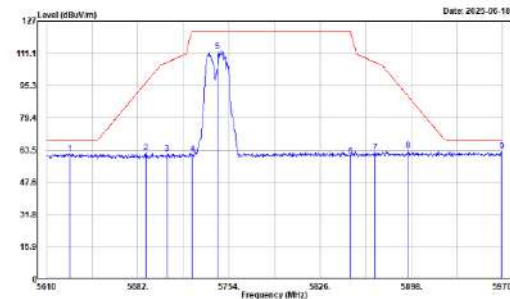
Description: AX20-TX-5745,Peak RSN:1MHz/VBW:3MHz,Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5648.880	66.37	-3.24	63.13	68.20	-5.07	162	14	Peak
5652.840	66.08	-3.24	62.84	70.31	-7.47	162	14	Peak
5719.080	65.52	-3.40	62.12	110.54	-48.42	162	14	Peak
5725.000	63.59	-3.39	60.20	122.20	-62.00	162	14	Peak
5745.000	102.95	-3.37	99.58					Peak
5850.000	65.14	-3.02	62.05	122.20	-60.15	162	14	Peak
5857.680	65.52	-3.04	62.48	110.05	-47.57	162	14	Peak
5898.360	65.61	-2.78	62.83	87.87	-25.04	162	14	Peak
5959.920	65.53	-2.65	62.88	68.20	-5.32	162	14	Peak

Vertical

Description: AX20-TX-5745,Peak RSN:1MHz/VBW:3MHz,Avg RSN:1MHz/VBW:200Hz

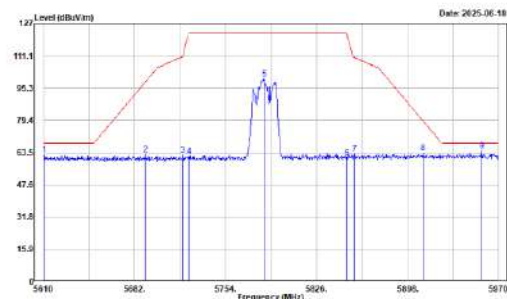


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5628.000	65.03	-3.15	61.88	68.20	-6.32	172	2	Peak
5688.480	65.50	-3.37	62.13	96.70	-34.57	172	2	Peak
5705.400	65.27	-3.41	61.86	106.71	-44.85	172	2	Peak
5725.000	65.09	-3.39	61.70	122.20	-60.50	172	2	Peak
5745.000	115.47	-3.37	112.10					Peak
5850.000	63.54	-3.09	60.45	122.20	-61.75	172	2	Peak
5869.560	65.74	-2.97	62.77	106.72	-43.95	172	2	Peak
5895.120	65.97	-2.80	63.17	90.27	-27.10	172	2	Peak
5969.280	65.48	-2.66	62.82	68.20	-5.38	172	2	Peak

802.11ax HE20 Mode, 5785 MHz

Horizontal

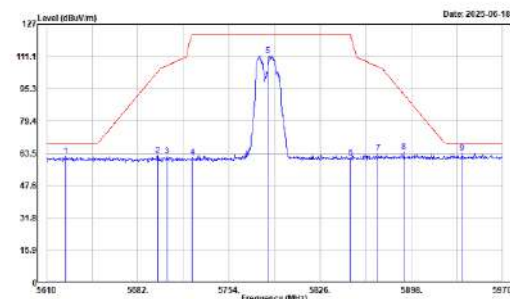
Description: AX20-TX-5785,Peak RSN:1MHz/VBW:3MHz,Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5610.720	65.62	-3.08	62.54	68.20	-5.66	146	20	Peak
5690.640	65.97	-3.37	62.60	98.30	-35.70	146	20	Peak
5720.160	65.68	-3.40	62.28	111.17	-48.89	146	20	Peak
5725.000	65.09	-3.39	61.70	122.20	-60.50	146	20	Peak
5785.000	102.87	-3.19	99.68					Peak
5850.000	63.98	-3.09	60.89	122.20	-61.31	146	20	Peak
5856.240	66.05	-3.05	63.00	110.45	-47.45	146	20	Peak
5910.240	65.93	-2.74	63.19	79.09	-15.90	146	20	Peak
5956.680	66.83	-2.64	64.19	68.20	-4.01	146	20	Peak

Vertical

Description: AX20-TX-5785,Peak RSN:1MHz/VBW:3MHz,Avg RSN:1MHz/VBW:200Hz

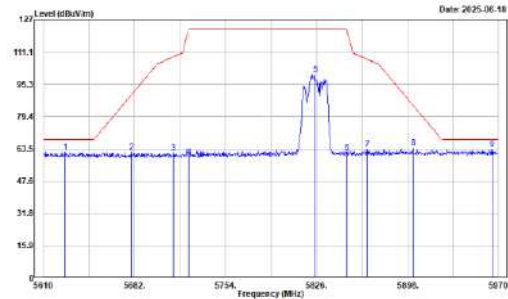


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5625.120	65.38	-3.14	62.24	68.20	-5.96	178	3	Peak
5697.840	65.94	-3.41	62.53	103.61	-41.08	178	3	Peak
5705.400	65.66	-3.41	62.25	106.71	-44.46	178	3	Peak
5725.000	64.87	-3.39	61.48	122.20	-60.72	178	3	Peak
5785.000	114.84	-3.19	111.65					Peak
5850.000	64.24	-3.09	61.15	122.20	-61.05	178	3	Peak
5871.720	66.73	-2.96	63.77	106.12	-42.35	178	3	Peak
5892.240	67.21	-2.82	64.39	92.41	-28.02	178	3	Peak
5937.960	66.28	-2.67	63.61	68.20	-4.59	178	3	Peak

802.11ax HE20 Mode, 5825 MHz

Horizontal

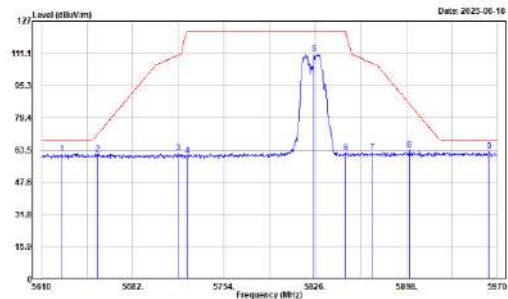
Description: AX20-TX-5825, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5627.280	65.11	-3.15	61.96	68.20	-6.24	125	20	Peak
5679.480	65.14	-3.34	61.80	98.05	-28.25	125	20	Peak
5712.960	64.85	-3.40	61.45	108.83	-47.38	125	20	Peak
5725.000	62.92	-3.39	59.53	122.20	-62.67	125	20	Peak
5825.000	105.09	-3.10	99.99					Peak
5850.000	64.63	-3.09	61.54	122.20	-60.66	125	20	Peak
5865.960	66.38	-2.99	63.39	107.73	-44.34	125	20	Peak
5902.320	66.62	-2.77	63.85	84.94	-21.09	125	20	Peak
5965.320	66.04	-2.65	63.39	68.20	-4.81	125	20	Peak

Vertical

Description: AX20-TX-5825, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz

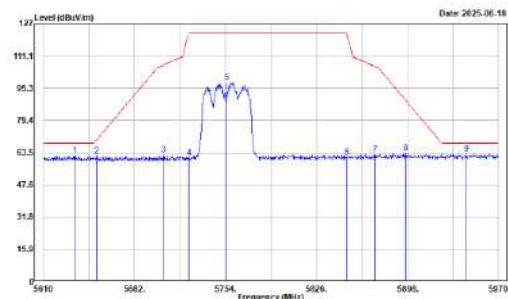


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5625.840	65.21	-3.14	62.07	68.20	-6.13	163	3	Peak
5654.280	64.95	-3.25	61.70	71.38	-9.68	163	3	Peak
5717.640	65.56	-3.40	62.16	110.14	-47.98	163	3	Peak
5725.000	64.48	-3.30	61.09	122.20	-61.11	163	3	Peak
5825.000	113.82	-3.10	110.72					Peak
5850.000	65.38	-3.09	62.29	122.20	-59.91	163	3	Peak
5871.000	65.64	-2.96	62.68	106.32	-43.64	163	3	Peak
5900.520	66.37	-2.77	63.60	86.28	-22.68	163	3	Peak
5963.520	65.66	-2.65	63.01	68.20	-5.19	163	3	Peak

802.11ax HE40 Mode, 5755 MHz

Horizontal

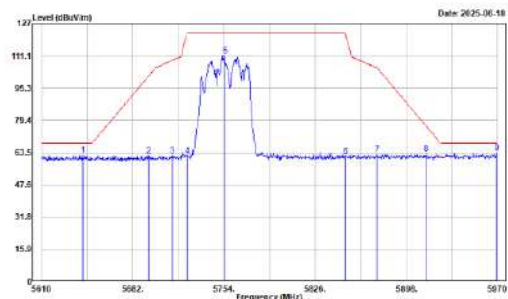
Description: AX40-TX-5755, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5634.840	65.48	-3.17	62.31	68.20	-5.89	157	14	Peak
5652.120	65.15	-3.24	61.91	69.78	-7.87	157	14	Peak
5705.040	66.04	-3.41	62.63	106.61	-43.98	157	14	Peak
5725.000	64.19	-3.39	60.80	122.20	-61.40	157	14	Peak
5755.000	101.27	-3.34	97.93					Peak
5850.000	64.44	-3.09	61.35	122.20	-60.85	157	14	Peak
5872.080	65.68	-2.96	62.72	106.02	-43.30	157	14	Peak
5896.560	66.27	-2.79	63.48	89.21	-25.73	157	14	Peak
5944.800	65.74	-2.65	63.09	68.20	-5.11	157	14	Peak

Vertical

Description: AX40-TX-5755, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz

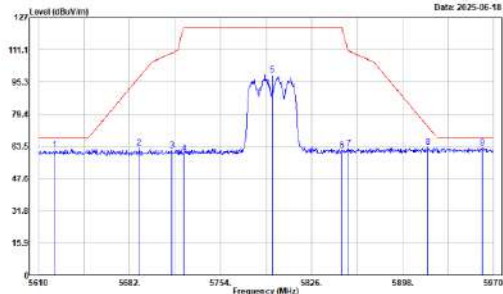


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5642.400	65.42	-3.21	62.21	68.20	-5.99	168	4	Peak
5694.600	65.26	-3.40	61.86	101.22	-39.36	168	4	Peak
5713.680	65.19	-3.40	61.79	109.03	-47.24	168	4	Peak
5725.000	65.35	-3.39	61.96	122.20	-60.24	168	4	Peak
5755.000	114.53	-3.34	111.19					Peak
5850.000	64.53	-3.09	61.44	122.20	-60.76	168	4	Peak
5874.960	65.57	-2.94	62.63	105.21	-42.58	168	4	Peak
5913.480	65.66	-2.73	62.93	76.70	-13.77	168	4	Peak
5969.280	65.89	-2.66	63.23	68.20	-4.97	168	4	Peak

802.11ax HE40 Mode, 5795 MHz

Horizontal

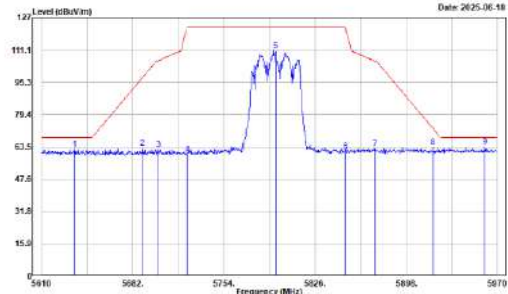
Description: AX40-TX-5795, Peak RSN: 1MHz/VBW: 3MHz, Avg RSN: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5622.960	65.15	-3.13	62.02	68.20	-6.18	146	12	Peak
5689.560	66.53	-3.38	63.15	97.50	-34.35	146	12	Peak
5715.480	65.08	-3.40	61.68	109.54	-47.86	146	12	Peak
5725.000	63.53	-3.39	60.14	122.20	-62.06	146	12	Peak
5795.000	101.86	-3.14	98.72	146	12	Peak		
5850.000	64.58	-3.09	61.49	122.20	-60.71	146	12	Peak
5855.520	65.68	-3.06	62.62	110.65	-48.03	146	12	Peak
5918.160	65.89	-2.72	63.17	73.24	-10.07	146	12	Peak
5961.000	65.76	-2.65	63.11	68.20	-5.09	146	12	Peak

Vertical

Description: AX40-TX-5795, Peak RSN: 1MHz/VBW: 3MHz, Avg RSN: 1MHz/VBW: 200Hz

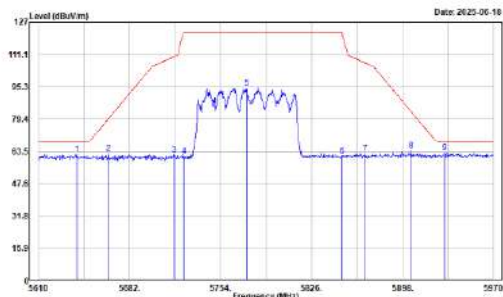


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.920	65.39	-3.17	62.22	68.20	-5.98	169	3	Peak
5689.920	66.35	-3.38	62.97	97.77	-34.80	169	3	Peak
5702.520	65.58	-3.42	62.16	105.91	-43.75	169	3	Peak
5725.000	63.41	-3.39	60.02	122.20	-62.18	169	3	Peak
5795.000	114.11	-3.14	110.97	146	12	Peak		
5850.000	64.34	-3.09	61.25	122.20	-60.95	169	3	Peak
5873.160	65.67	-2.95	62.72	105.71	-42.99	169	3	Peak
5919.240	65.99	-2.72	63.27	72.45	-9.18	169	3	Peak
5960.280	65.26	-2.65	63.61	68.20	-4.59	169	3	Peak

802.11ax HE80 Mode, 5775 MHz

Horizontal

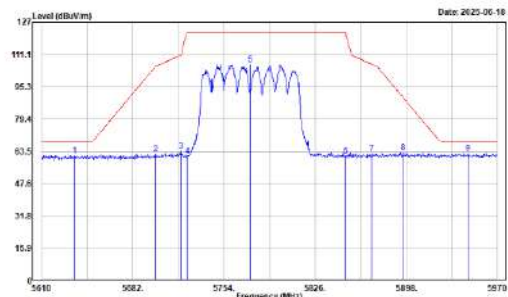
Description: AX80-TX-5775, Peak RSN: 1MHz/VBW: 3MHz, Avg RSN: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5640.240	65.33	-3.20	62.13	68.20	-6.07	131	14	Peak
5665.440	65.87	-3.29	62.58	79.66	-17.08	131	14	Peak
5717.280	65.49	-3.40	62.09	110.04	-47.95	131	14	Peak
5725.000	64.82	-3.39	61.43	122.20	-60.77	131	14	Peak
5775.000	97.84	-3.24	94.60	131	14	Peak		
5850.000	64.23	-3.09	61.14	122.20	-61.06	131	14	Peak
5868.480	65.65	-2.98	62.67	107.02	-44.35	131	14	Peak
5904.840	66.91	-2.76	64.15	83.08	-18.93	131	14	Peak
5931.480	65.52	-2.69	62.83	68.20	-5.37	131	14	Peak

Vertical

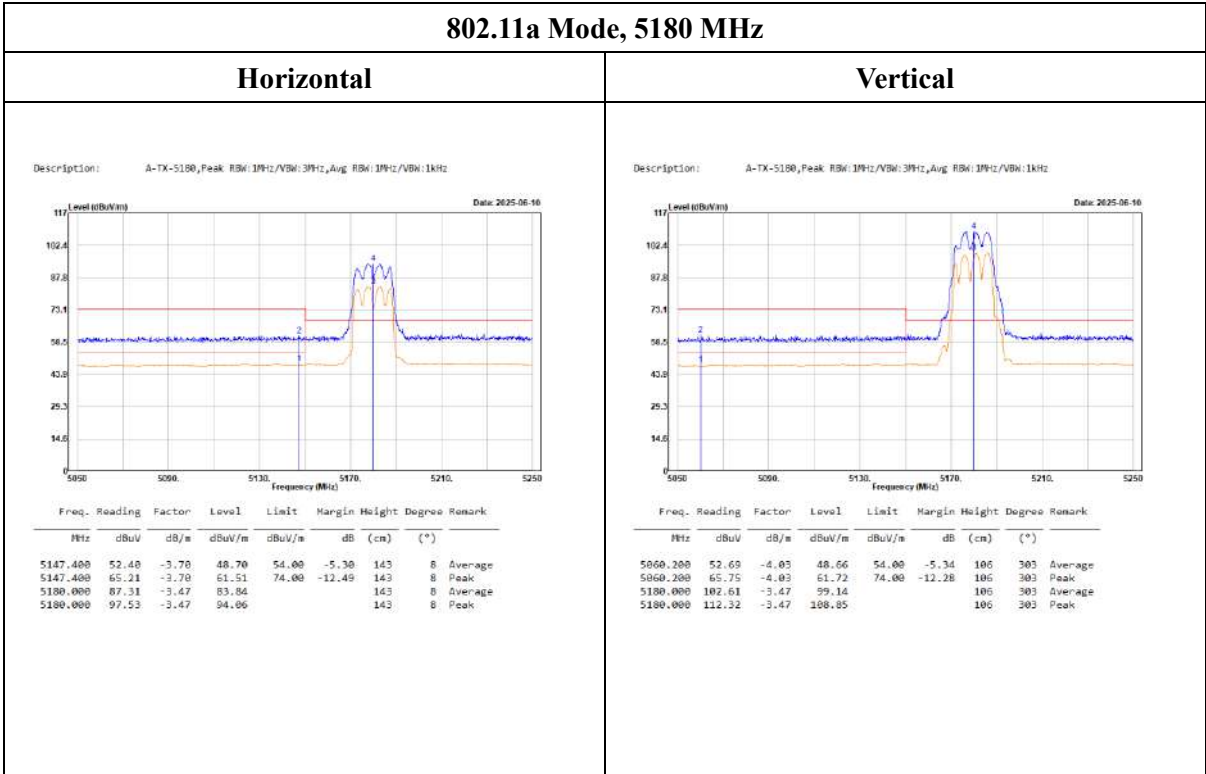
Description: AX80-TX-5775, Peak RSN: 1MHz/VBW: 3MHz, Avg RSN: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.920	64.85	-3.17	61.68	68.20	-6.52	155	355	Peak
5700.000	65.86	-3.42	62.44	105.20	-42.76	155	355	Peak
5719.800	67.21	-3.40	63.81	110.74	-46.93	155	355	Peak
5725.000	64.59	-3.39	61.20	122.20	-61.00	155	355	Peak
5775.000	109.59	-3.24	106.35	131	14	Peak		
5850.000	64.37	-3.09	61.28	122.20	-60.92	155	355	Peak
5870.640	65.56	-2.97	62.59	106.42	-43.83	155	355	Peak
5895.480	65.95	-2.80	63.15	90.01	-26.86	155	355	Peak
5946.600	65.41	-2.65	62.76	68.20	-5.44	155	355	Peak

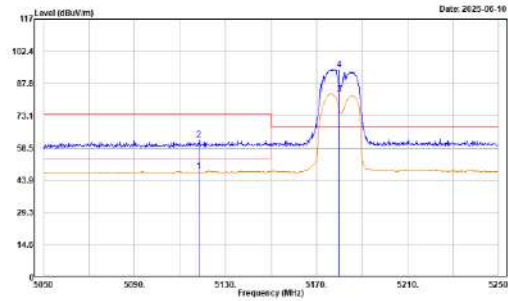
Non Beamforming

5150-5250 MHz



802.11ac VHT20 Mode, 5180 MHz**Horizontal**

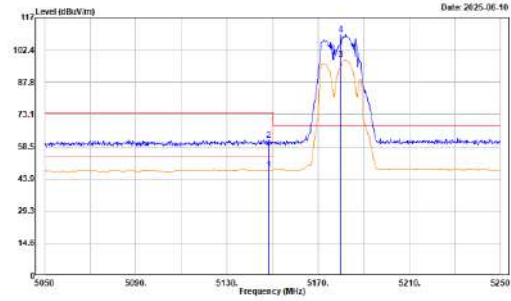
Description: AC20-TX-5180, Peak RSN:1MHz/VSN:3MHz, Avg RSN:1MHz/VSN:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5118.200	51.92	-3.78	48.14	54.00	-5.86	156	8	Average
5118.200	66.09	-3.78	62.31	74.00	-11.69	156	8	Peak
5180.000	86.66	-3.47	83.19			156	8	Average
5180.000	97.75	-3.47	94.28			156	8	Peak

Vertical

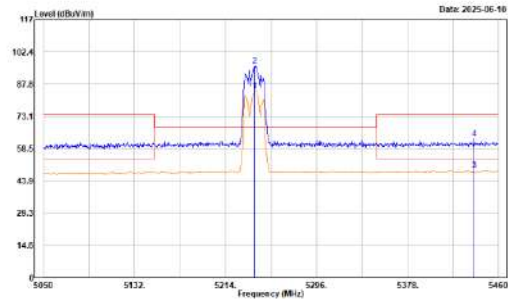
Description: AC20-TX-5180, Peak RSN:1MHz/VSN:3MHz, Avg RSN:1MHz/VSN:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5148.200	51.90	-3.69	48.21	54.00	-5.79	104	300	Average
5148.200	65.34	-3.69	61.65	74.00	-12.35	104	300	Peak
5180.000	101.32	-3.47	97.85			104	300	Average
5180.000	112.94	-3.47	109.47			104	300	Peak

802.11ac VHT20 Mode, 5240 MHz**Horizontal**

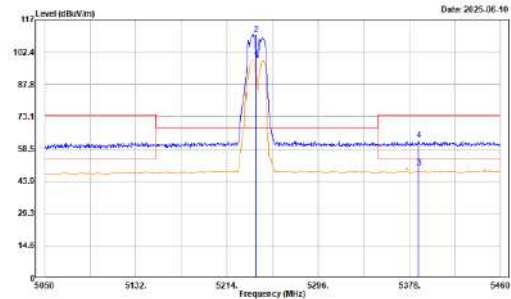
Description: AC20-TX-5240, Peak RSN:1MHz/VSN:3MHz, Avg RSN:1MHz/VSN:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5240.000	88.15	-3.41	84.78			137	9	Average
5240.000	99.52	-3.41	96.11			137	9	Peak
5438.270	51.78	-3.07	48.71	54.00	-5.29	137	9	Average
5438.270	66.15	-3.07	63.08	74.00	-10.92	137	9	Peak

Vertical

Description: AC20-TX-5240, Peak RSN:1MHz/VSN:3MHz, Avg RSN:1MHz/VSN:200Hz

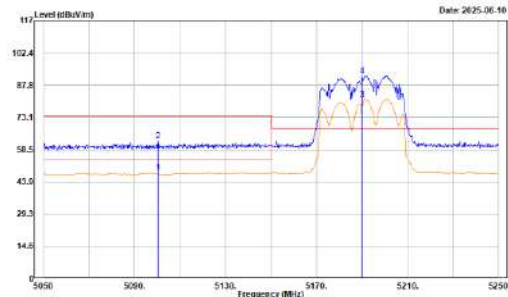


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5240.000	102.13	-3.41	98.72			103	301	Average
5240.000	113.69	-3.41	110.28			103	301	Peak
5386.610	53.24	-3.22	50.02	54.00	-3.98	103	301	Average
5386.610	65.53	-3.22	62.31	74.00	-11.69	103	301	Peak

802.11ac VHT40 Mode, 5190 MHz

Horizontal

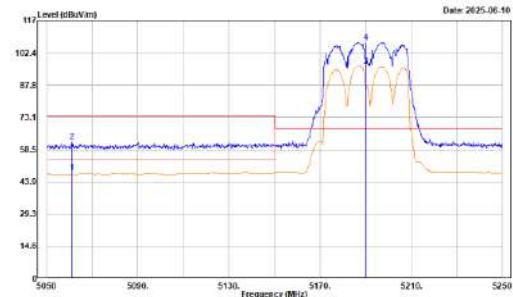
Description: AC40-TX-5190, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5100.400	52.01	-3.84	48.17	54.00	-5.83	135	9	Average
5100.400	66.21	-3.84	62.37	74.00	-11.63	135	9	Peak
5190.000	84.64	-3.40	81.24				9	Average
5190.000	95.34	-3.40	91.94				9	Peak

Vertical

Description: AC40-TX-5190, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz

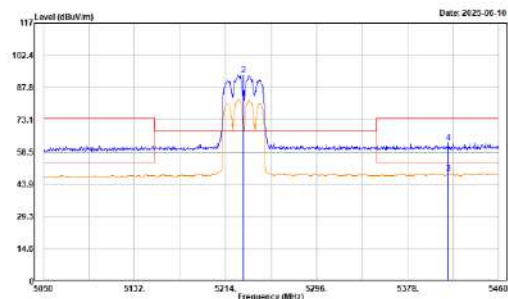


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5061.200	52.28	-4.03	48.25	54.00	-5.75	106	303	Average
5061.200	66.06	-4.03	62.03	74.00	-11.97	106	303	Peak
5190.000	99.81	-3.40	96.41				106	Average
5190.000	110.68	-3.40	107.28				106	Peak

802.11ac VHT40 Mode, 5230 MHz

Horizontal

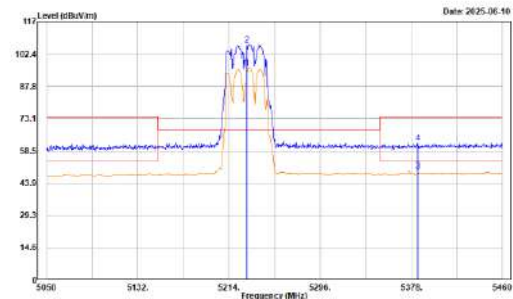
Description: AC40-TX-5230, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



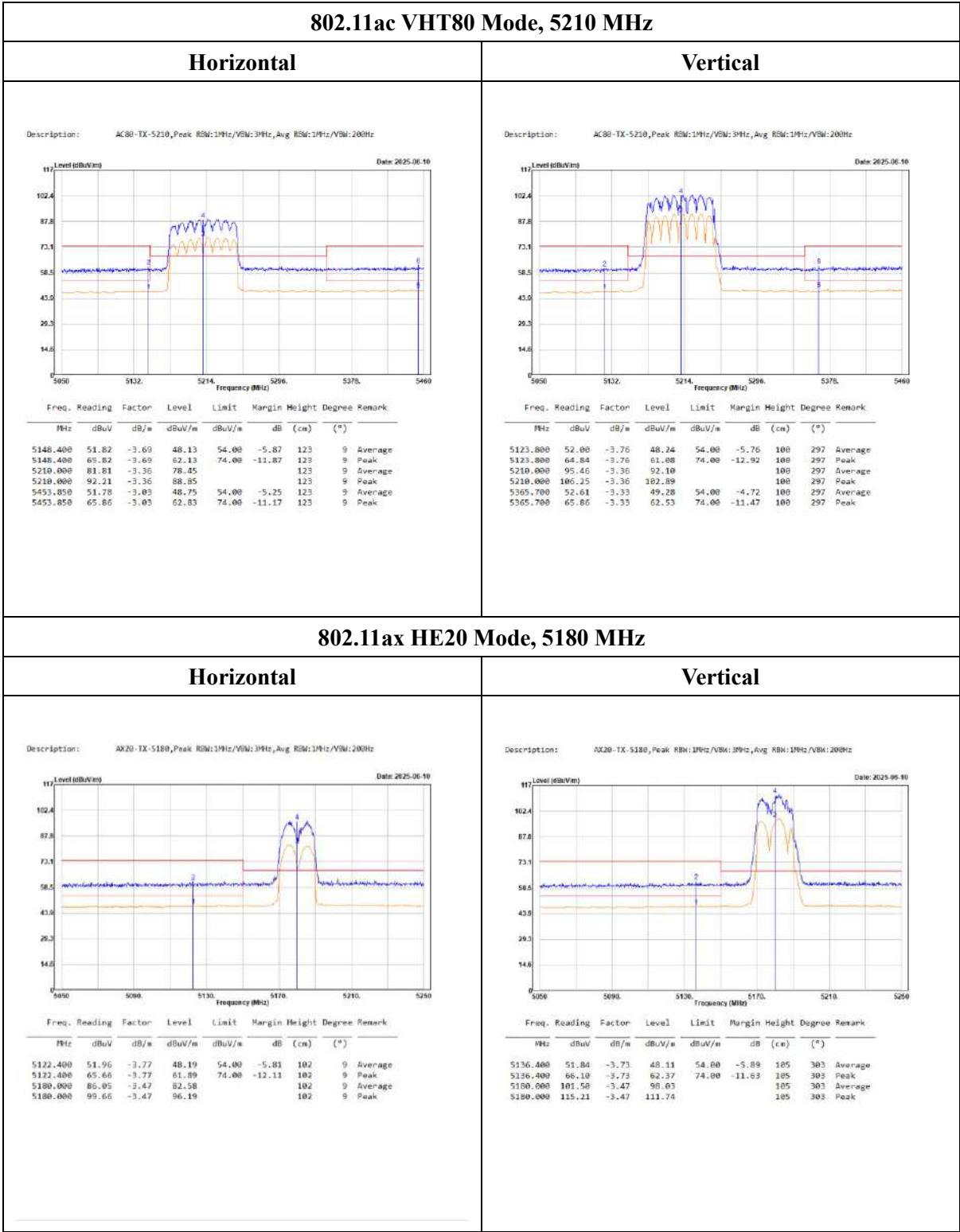
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5230.000	86.02	-3.39	82.63				153	Average
5230.000	96.82	-3.39	93.43				153	Peak
5414.900	51.83	-3.12	48.71	54.00	-5.29	153	9	Average
5414.900	65.88	-3.12	62.76	74.00	-11.24	153	9	Peak

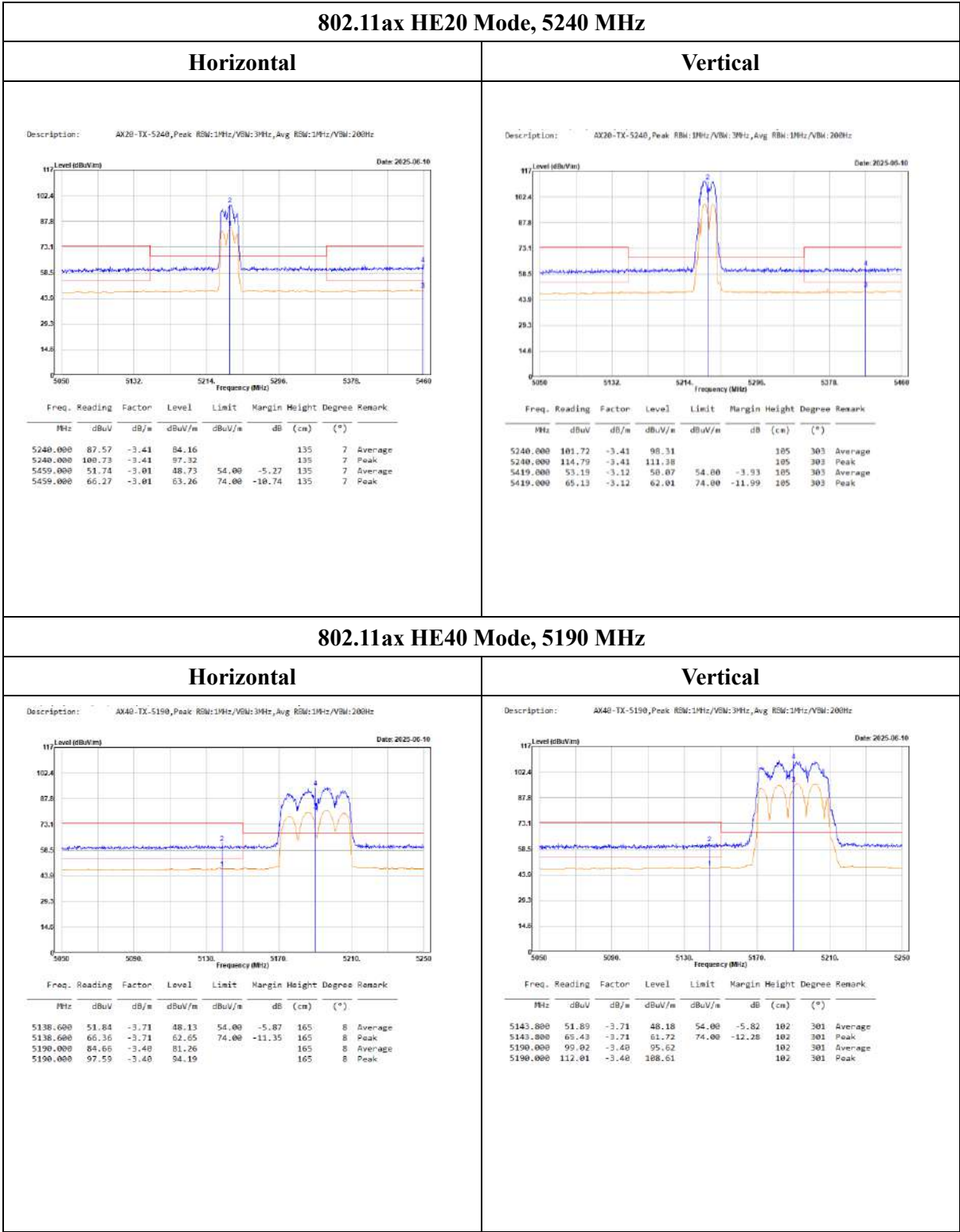
Vertical

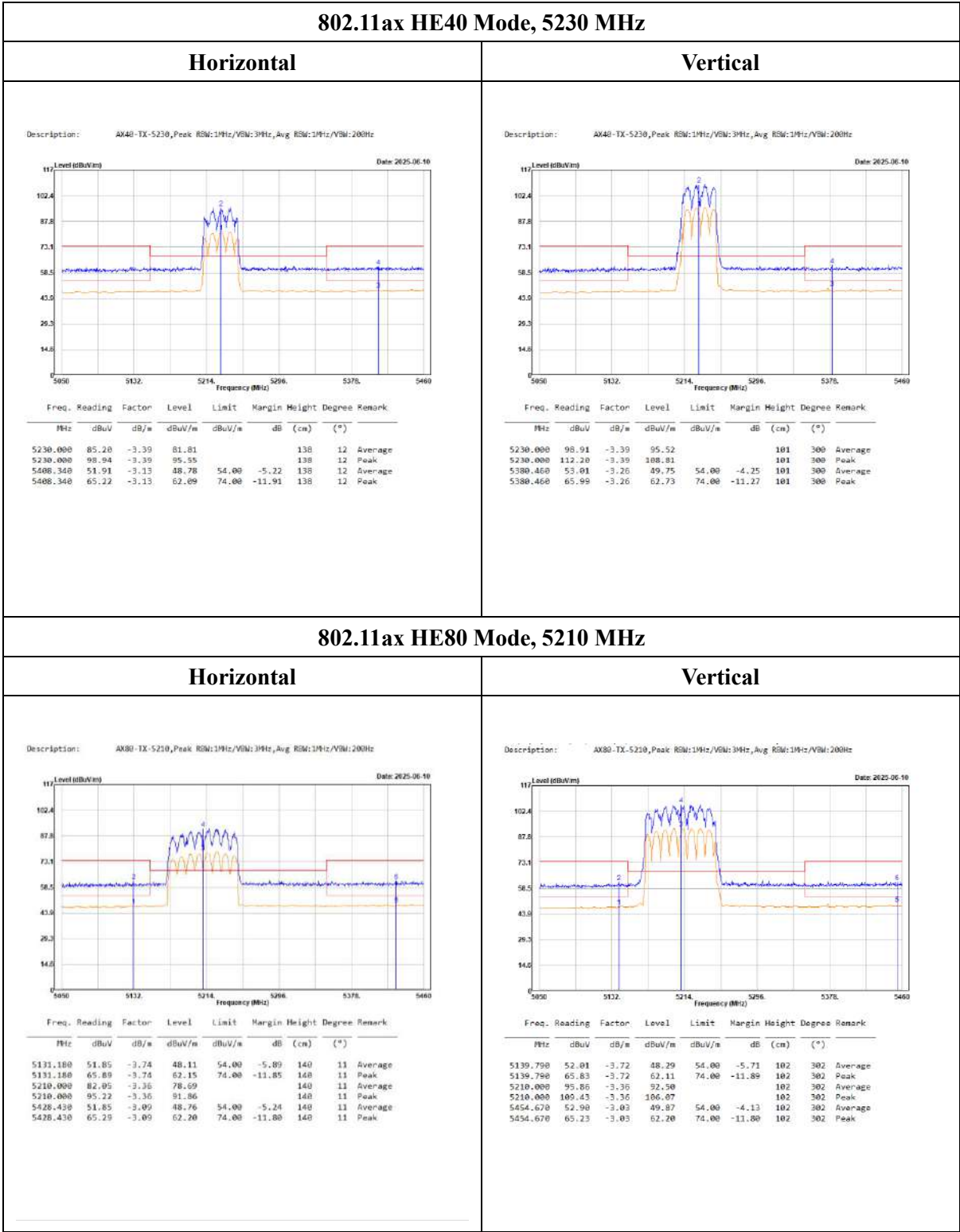
Description: AC40-TX-5230, Peak RSN:1MHz/VBW:3MHz, Avg RSN:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5230.000	99.54	-3.39	96.15				101	Average
5230.000	110.02	-3.39	106.63				101	Peak
5383.740	52.59	-3.24	49.35	54.00	-4.65	101	299	Average
5383.740	65.39	-3.24	62.15	74.00	-11.85	101	299	Peak





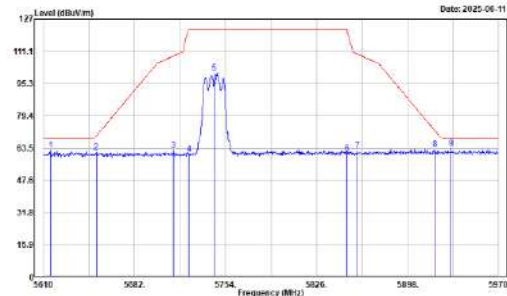


5725-5850 MHz

802.11a Mode, 5745 MHz

Horizontal

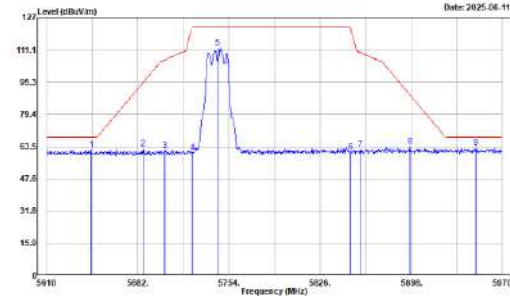
Description: A-TX:5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5615.400	65.64	-3.10	62.54	68.20	-5.66	149	33	Peak
5651.760	64.94	-3.24	61.70	69.51	-7.81	149	33	Peak
5712.960	65.97	-3.40	62.57	100.83	-46.26	149	33	Peak
5725.000	64.10	-3.35	60.75	122.20	-61.49	149	33	Peak
5745.000	109.96	-3.37	106.59			149	33	Peak
5850.000	64.18	-3.09	61.09	122.20	-61.11	149	33	Peak
5858.400	65.22	-3.03	62.19	109.85	-47.66	149	33	Peak
5919.600	65.76	-2.72	63.04	72.18	-9.14	149	33	Peak
5932.560	66.14	-2.60	63.46	68.20	-4.74	149	33	Peak

Vertical

Description: A-TX:5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

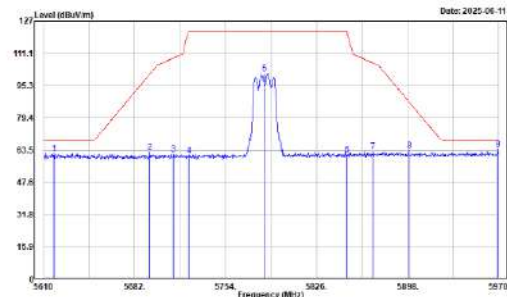


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5645.280	65.17	-3.22	61.95	68.20	-6.25	192	15	Peak
5686.320	66.16	-3.37	62.79	95.11	-32.32	192	15	Peak
5703.600	65.14	-3.42	61.72	106.21	-44.49	192	15	Peak
5725.000	64.11	-3.39	60.72	122.20	-61.48	192	15	Peak
5745.000	115.71	-3.37	112.34			192	15	Peak
5850.000	64.11	-3.09	61.02	122.20	-61.18	192	15	Peak
5858.040	65.45	-3.04	62.41	109.95	-47.54	192	15	Peak
5896.920	66.33	-2.79	63.54	80.94	-25.40	192	15	Peak
5948.760	65.58	-2.64	62.94	68.20	-5.26	192	15	Peak

802.11a Mode, 5785 MHz

Horizontal

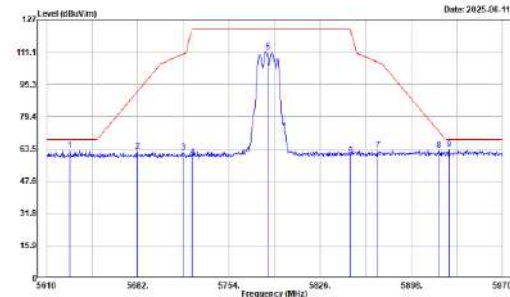
Description: A-TX:5785, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5618.280	65.12	-3.11	62.01	68.20	-6.19	153	57	Peak
5694.240	65.89	-3.39	62.50	100.95	-38.45	153	57	Peak
5712.960	65.06	-3.40	61.66	100.83	-47.17	153	57	Peak
5725.000	64.43	-3.39	61.04	122.20	-61.16	153	57	Peak
5785.000	104.37	-3.19	101.18			153	57	Peak
5850.000	64.31	-3.09	61.22	122.20	-60.98	153	57	Peak
5870.640	65.82	-2.97	62.85	100.42	-43.57	153	57	Peak
5899.080	66.08	-2.78	63.30	87.34	-24.04	153	57	Peak
5969.640	66.61	-2.66	63.95	68.20	-4.25	153	57	Peak

Vertical

Description: A-TX:5785, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

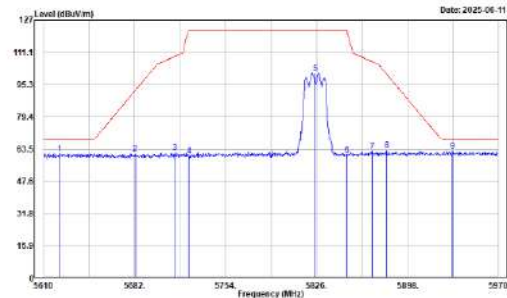


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5628.360	65.99	-3.15	62.84	68.20	-5.36	181	14	Peak
5681.640	65.53	-3.35	62.18	91.65	-29.47	181	14	Peak
5718.000	65.35	-3.40	61.95	110.24	-48.29	181	14	Peak
5725.000	63.10	-3.39	59.71	122.20	-62.49	181	14	Peak
5785.000	114.36	-3.19	111.17			181	14	Peak
5850.000	63.40	-3.00	60.31	122.20	-61.89	181	14	Peak
5871.360	65.99	-2.96	63.03	106.22	-43.19	181	14	Peak
5919.600	65.82	-2.72	63.10	72.18	-9.08	181	14	Peak
5927.880	65.88	-2.69	63.19	68.20	-5.01	181	14	Peak

802.11a Mode, 5825 MHz

Horizontal

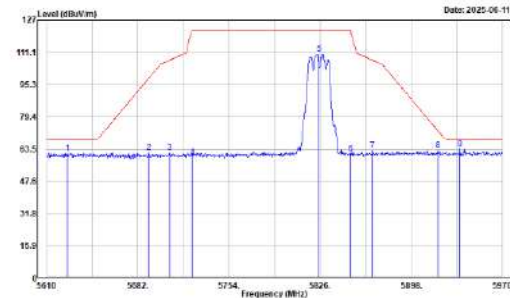
Description: A-TX:5825,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5622.960	64.56	-3.13	61.43	68.20	-6.77	152	55	Peak
5682.720	64.71	-3.35	61.36	92.45	-31.09	152	55	Peak
5714.040	65.39	-3.40	61.99	109.13	-47.14	152	55	Peak
5725.000	65.54	-3.35	60.15	122.20	-62.05	152	55	Peak
5825.000	104.02	-3.10	100.92			152		
5850.000	63.50	-3.09	60.41	122.20	-61.79	152	55	Peak
5869.920	65.54	-2.97	62.57	100.62	-44.05	152	55	Peak
5881.440	65.83	-2.89	62.94	100.42	-37.48	152	55	Peak
5933.640	65.36	-2.68	62.68	68.20	-5.52	152	55	Peak

Vertical

Description: A-TX:5825,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz

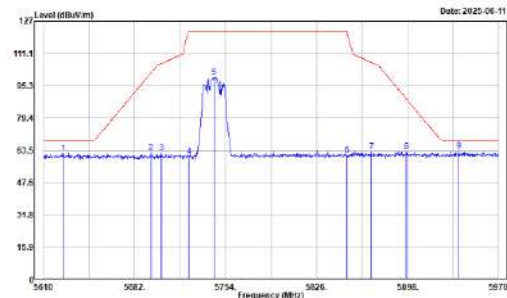


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5626.560	64.85	-3.15	61.70	68.20	-6.50	177	14	Peak
5691.000	65.41	-3.37	62.04	98.56	-36.52	177	14	Peak
5707.200	65.52	-3.43	62.11	107.22	-45.11	177	14	Peak
5725.000	62.89	-3.35	59.50	122.20	-62.70	177	14	Peak
5825.000	113.45	-3.10	110.35			177		
5850.000	64.39	-3.09	61.30	122.20	-60.90	177	14	Peak
5867.400	66.12	-2.99	63.13	107.33	-44.20	177	14	Peak
5918.880	65.70	-2.72	62.98	72.71	-9.73	177	14	Peak
5936.520	65.22	-2.68	63.54	68.20	-4.66	177	14	Peak

802.11ac VHT20 Mode, 5745 MHz

Horizontal

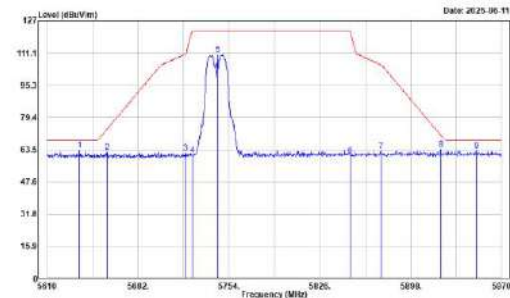
Description: AC20-TX:5745,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5625.480	65.28	-3.14	62.14	68.20	-6.06	157	56	Peak
5695.320	66.07	-3.40	62.67	101.75	-39.08	157	56	Peak
5703.240	65.74	-3.42	62.32	106.11	-43.79	157	56	Peak
5725.000	64.12	-3.39	60.73	122.20	-61.47	157	56	Peak
5745.000	102.90	-3.37	99.53			157		
5850.000	64.25	-3.09	61.16	122.20	-61.04	157	56	Peak
5869.200	65.82	-2.97	62.85	100.82	-43.97	157	56	Peak
5897.280	65.78	-2.79	62.99	88.67	-25.68	157	56	Peak
5938.680	65.94	-2.67	63.27	68.20	-4.93	157	56	Peak

Vertical

Description: AC20-TX:5745,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200kHz

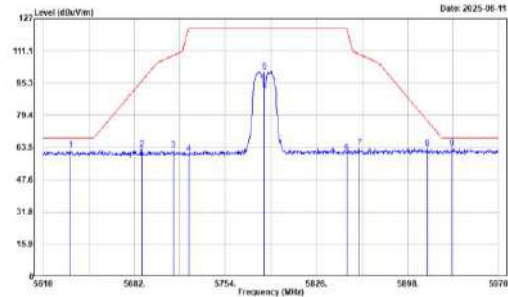


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.560	66.49	-3.17	63.32	68.20	-4.88	157	0	Peak
5657.520	65.40	-3.26	62.14	73.79	-11.65	157	0	Peak
5719.440	65.27	-3.40	61.87	110.64	-48.77	157	0	Peak
5725.000	64.47	-3.39	61.08	122.20	-61.12	157	0	Peak
5745.000	113.97	-3.37	110.60			157		
5850.000	63.62	-3.09	60.53	122.20	-61.67	157	0	Peak
5874.240	65.90	-2.94	62.94	105.41	-42.37	157	0	Peak
5921.760	66.48	-2.73	63.76	70.59	-6.83	157	0	Peak
5950.200	65.56	-2.63	62.93	68.20	-5.27	157	0	Peak

802.11ac VHT20 Mode, 5785 MHz

Horizontal

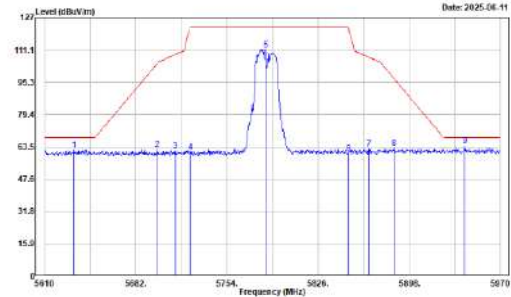
Description: AC20-TX-5785, Peak RBW: 1MHz/VBW: 3MHz, Avg. RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5631.600	65.41	-3.16	62.25	68.20	-5.95	166	58	Peak
5687.760	65.88	-3.37	62.51	94.17	-31.66	166	58	Peak
5712.960	65.61	-3.40	62.21	108.83	-46.62	166	58	Peak
5725.000	63.93	-3.39	60.54	122.20	-61.66	166	58	Peak
5785.000	104.09	-3.19	100.90					Peak
5850.000	63.85	-3.09	60.76	122.20	-61.44	166	58	Peak
5859.840	66.36	-3.02	63.34	109.44	-46.10	166	58	Peak
5913.488	65.73	-2.73	63.00	76.70	-13.70	166	58	Peak
5932.920	65.69	-2.68	63.01	68.20	-5.19	166	58	Peak

Vertical

Description: AC20-TX-5785, Peak RBW: 1MHz/VBW: 3MHz, Avg. RBW: 1MHz/VBW: 200Hz

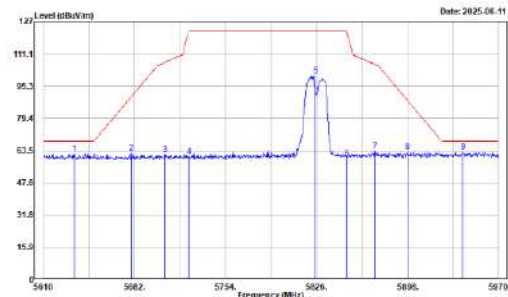


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5633.400	65.14	-3.16	61.98	68.20	-6.22	179	16	Peak
5699.280	65.72	-3.42	62.30	104.67	-42.37	179	16	Peak
5713.680	64.98	-3.40	61.58	109.03	-47.45	179	16	Peak
5725.000	64.41	-3.39	61.02	122.20	-61.18	179	16	Peak
5785.000	114.30	-3.19	111.19					Peak
5850.000	63.31	-3.09	60.22	122.20	-61.98	179	16	Peak
5865.960	65.46	-2.99	62.47	107.73	-45.26	179	16	Peak
5885.760	65.97	-2.87	63.10	97.21	-34.11	179	16	Peak
5941.920	66.52	-2.66	63.86	68.20	-4.34	179	16	Peak

802.11ac VHT20 Mode, 5825 MHz

Horizontal

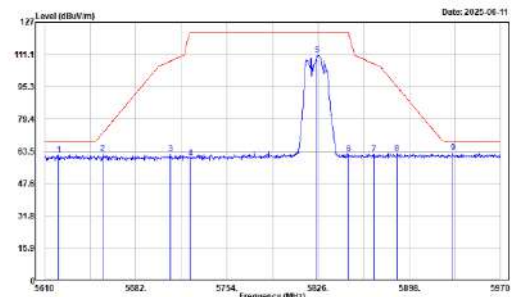
Description: AC20-TX-5825, Peak RBW: 1MHz/VBW: 3MHz, Avg. RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5634.120	65.09	-3.17	61.92	68.20	-6.28	149	32	Peak
5679.840	65.65	-3.34	62.31	90.32	-28.01	149	32	Peak
5706.400	65.14	-3.41	61.73	107.02	-45.29	149	32	Peak
5725.000	64.12	-3.39	60.73	122.20	-61.47	149	32	Peak
5825.000	103.43	-3.10	100.33					Peak
5850.000	62.77	-3.09	59.68	122.20	-62.52	149	32	Peak
5872.080	66.16	-2.96	63.20	106.02	-42.82	149	32	Peak
5898.000	65.80	-2.78	63.02	88.14	-25.12	149	32	Peak
5941.560	65.55	-2.66	62.89	68.20	-5.31	149	32	Peak

Vertical

Description: AC20-TX-5825, Peak RBW: 1MHz/VBW: 3MHz, Avg. RBW: 1MHz/VBW: 200Hz

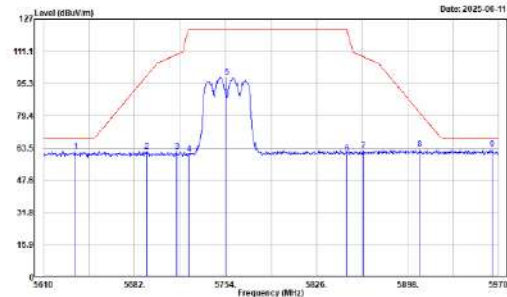


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5620.800	65.15	-3.12	62.03	68.20	-6.17	176	17	Peak
5656.080	65.77	-3.25	62.52	72.72	-10.20	176	17	Peak
5709.720	65.65	-3.41	62.24	107.92	-45.68	176	17	Peak
5725.000	63.71	-3.39	60.32	122.20	-61.88	176	17	Peak
5825.000	113.91	-3.10	110.81					Peak
5850.000	65.22	-3.09	62.13	122.20	-60.07	176	17	Peak
5869.920	65.26	-2.97	62.29	106.62	-44.33	176	17	Peak
5888.280	65.61	-2.85	62.76	95.34	-32.58	176	17	Peak
5932.200	65.74	-2.69	63.05	68.20	-5.15	176	17	Peak

802.11ac VHT40 Mode, 5755 MHz

Horizontal

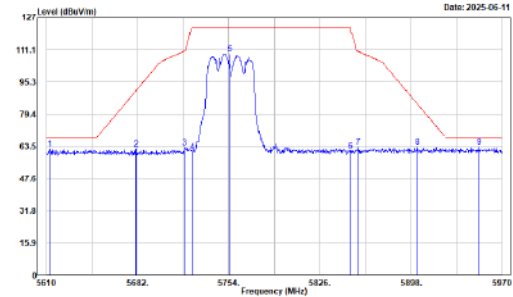
Description: AC40-TX-5755, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.200	65.24	-3.17	62.07	68.20	-6.13	155	56	Peak
5692.000	65.40	-3.38	62.02	99.36	-37.34	155	56	Peak
5715.400	65.45	-3.40	62.05	109.54	-47.49	155	56	Peak
5725.000	63.80	-3.39	60.41	122.20	-61.79	155	56	Peak
5755.000	101.90	-3.34	98.56			155	56	Peak
5850.000	64.05	-3.09	60.96	122.20	-61.24	155	56	Peak
5863.000	65.48	-3.01	62.47	100.54	-46.07	155	56	Peak
5907.720	65.58	-2.74	62.84	80.95	-18.11	155	56	Peak
5964.960	65.48	-2.65	62.83	68.20	-5.37	155	56	Peak

Vertical

Description: AC40-TX-5755, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

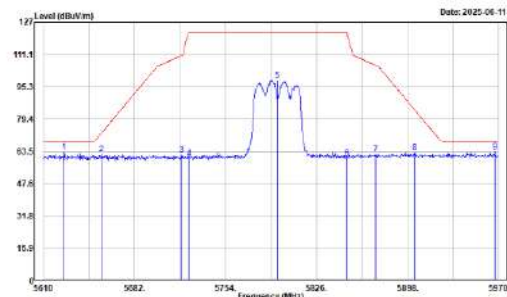


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5612.520	65.25	-3.09	62.16	68.20	-6.04	100	15	Peak
5680.560	65.60	-3.34	62.26	90.85	-28.59	190	15	Peak
5719.000	66.51	-3.40	63.11	110.54	-47.43	190	15	Peak
5725.000	64.23	-3.39	60.84	122.20	-61.36	190	15	Peak
5755.000	112.60	-3.34	109.26			190	15	Peak
5850.000	64.46	-3.09	61.37	122.20	-60.83	190	15	Peak
5856.240	66.51	-3.05	63.46	110.45	-46.99	190	15	Peak
5903.040	65.96	-2.76	63.20	84.41	-21.21	190	15	Peak
5952.000	65.79	-2.63	63.16	68.20	-5.04	190	15	Peak

802.11ac VHT40 Mode, 5795 MHz

Horizontal

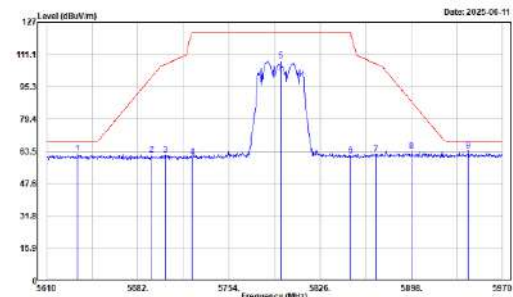
Description: AC40-TX-5795, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5626.200	66.48	-3.14	63.34	68.20	-4.86	155	55	Peak
5656.000	65.60	-3.25	62.35	72.72	-10.37	155	55	Peak
5719.000	65.43	-3.40	62.03	110.54	-48.51	155	55	Peak
5725.000	63.60	-3.39	60.20	122.20	-61.90	155	55	Peak
5795.000	101.69	-3.14	98.55			155	55	Peak
5850.000	63.25	-3.09	60.20	122.20	-62.00	155	55	Peak
5872.440	65.34	-2.96	62.38	105.92	-43.54	155	55	Peak
5903.400	65.61	-2.76	62.85	84.15	-21.30	155	55	Peak
5967.120	66.12	-2.65	63.47	68.20	-4.73	155	55	Peak

Vertical

Description: AC40-TX-5795, Peak RSW:1MHz/VBW:3MHz, Avg RSW:1MHz/VBW:200Hz

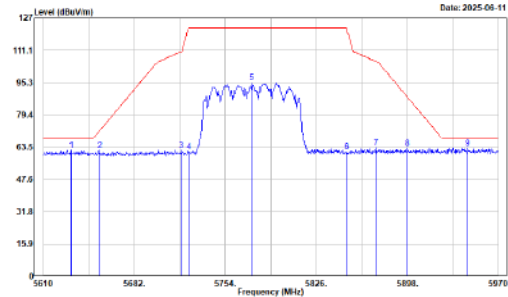


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5634.480	65.65	-3.17	62.48	68.20	-5.72	201	0	Peak
5692.000	65.40	-3.38	62.02	99.89	-37.87	201	0	Peak
5703.960	65.38	-3.42	61.96	106.31	-44.35	201	0	Peak
5725.000	64.27	-3.39	60.88	122.20	-61.32	201	0	Peak
5795.000	111.31	-3.14	108.17			201	0	Peak
5850.000	64.65	-3.09	61.56	122.20	-60.64	201	0	Peak
5869.920	65.29	-2.97	62.32	106.62	-44.30	201	0	Peak
5898.360	66.45	-2.78	63.67	87.87	-24.20	201	0	Peak
5943.000	66.76	-2.65	64.11	68.20	-4.09	201	0	Peak

802.11ac VHT80 Mode, 5775 MHz

Horizontal

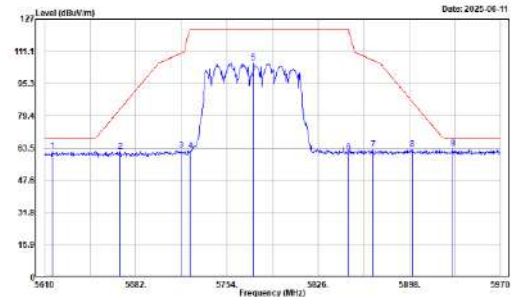
Description: AC80-TX-5775, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5631.560	64.96	-3.16	61.80	68.20	-6.40	153	57	Peak
5655.000	65.24	-3.25	61.99	71.91	-9.92	153	57	Peak
5718.720	65.48	-3.40	62.08	110.44	-48.36	153	57	Peak
5725.000	64.53	-3.39	61.14	122.20	-61.06	153	57	Peak
5775.000	98.68	-3.24	95.36					
5850.000	64.39	-3.09	61.30	122.20	-60.90	153	57	Peak
5873.160	66.30	-2.95	63.35	105.71	-42.36	153	57	Peak
5898.360	65.63	-2.78	62.85	87.87	-25.02	153	57	Peak
5945.880	65.70	-2.65	63.05	68.20	-5.15	153	57	Peak

Vertical

Description: AC80-TX-5775, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz

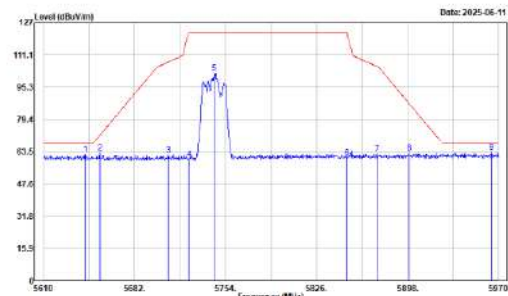


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5616.120	65.38	-3.10	62.28	68.20	-5.92	184	15	Peak
5669.760	65.42	-3.31	62.11	82.86	-20.75	184	15	Peak
5717.640	66.02	-3.40	62.62	110.14	-47.52	184	15	Peak
5725.000	65.80	-3.30	62.41	122.20	-59.79	184	15	Peak
5775.000	108.74	-3.24	105.50					
5850.000	64.82	-3.09	61.73	122.20	-60.47	184	15	Peak
5869.200	65.83	-2.97	62.86	106.82	-43.96	184	15	Peak
5900.160	65.76	-2.77	62.99	86.54	-23.55	184	15	Peak
5932.200	65.96	-2.69	63.27	68.20	-4.93	184	15	Peak

802.11ax HE20 Mode, 5745 MHz

Horizontal

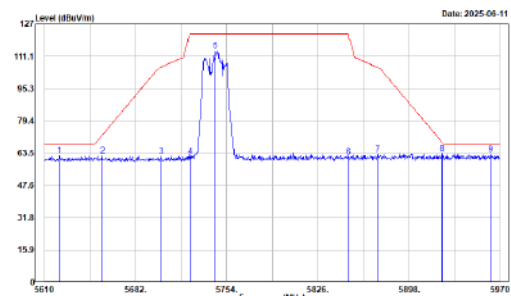
Description: AX20-TX-5745, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5643.120	65.34	-3.21	62.13	68.20	-6.07	156	52	Peak
5654.640	66.11	-3.25	62.86	71.65	-8.79	156	52	Peak
5709.000	65.35	-3.41	61.94	107.72	-45.74	156	52	Peak
5725.000	63.33	-3.39	59.94	122.20	-62.26	156	52	Peak
5745.000	105.60	-3.37	102.23					
5850.000	63.55	-3.09	60.46	122.20	-61.74	156	52	Peak
5873.880	65.68	-2.95	62.73	105.51	-42.78	156	52	Peak
5899.000	65.60	-2.78	62.82	87.34	-24.52	156	52	Peak
5964.240	66.07	-2.65	63.42	68.20	-4.78	156	52	Peak

Vertical

Description: AX20-TX-5745, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz

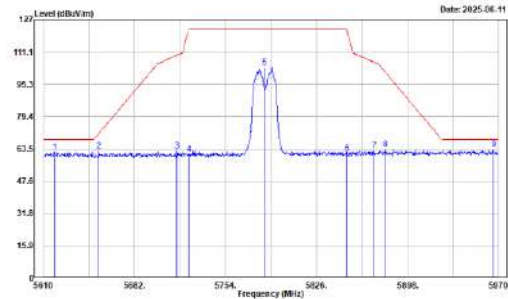


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5621.880	65.57	-3.13	62.44	68.20	-5.76	189	14	Peak
5655.720	65.38	-3.25	62.13	72.45	-10.32	189	14	Peak
5702.160	65.29	-3.42	61.87	105.81	-43.94	189	14	Peak
5725.000	65.37	-3.39	61.98	122.20	-60.22	189	14	Peak
5745.000	117.40	-3.37	114.03					
5850.000	64.72	-3.09	61.63	122.20	-60.57	189	14	Peak
5873.160	65.87	-2.95	62.92	105.71	-42.79	189	14	Peak
5923.920	65.93	-2.71	63.22	69.00	-5.78	189	14	Peak
5962.080	65.76	-2.64	63.12	68.20	-5.08	189	14	Peak

802.11ax HE20 Mode, 5785 MHz

Horizontal

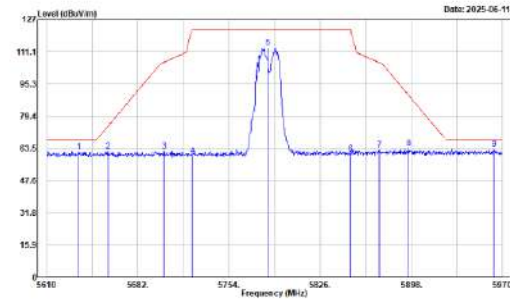
Description: AX20-TX-5785,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5618.640	64.97	-3.11	61.86	68.20	-6.34	152	55	Peak
5653.920	66.00	-3.25	62.75	71.11	-8.36	152	55	Peak
5715.840	65.89	-3.40	62.49	109.64	-47.15	152	55	Peak
5725.000	64.28	-3.39	60.89	122.20	-61.31	152	55	Peak
5785.000	106.00	-3.19	103.61			152	55	
5850.000	64.36	-3.09	61.27	122.20	-60.93	152	55	Peak
5871.720	65.71	-2.96	62.75	106.12	-43.37	152	55	Peak
5880.360	66.11	-2.90	63.21	101.22	-38.01	152	55	Peak
5966.040	66.11	-2.65	63.46	68.20	-4.74	152	55	Peak

Vertical

Description: AX20-TX-5785,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200Hz

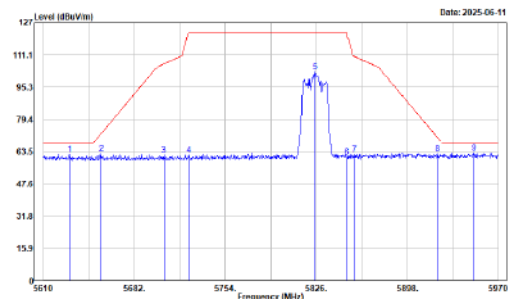


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.560	65.23	-3.17	62.06	68.20	-6.14	183	15	Peak
5658.600	65.52	-3.26	62.26	74.59	-12.33	183	15	Peak
5702.800	65.58	-3.42	62.16	106.01	-43.85	183	15	Peak
5725.000	63.16	-3.39	59.77	122.20	-62.43	183	15	Peak
5785.000	116.44	-3.19	113.25					
5850.000	63.99	-3.09	60.90	122.20	-61.30	183	15	Peak
5872.440	65.88	-2.96	62.92	105.92	-43.00	183	15	Peak
5895.840	66.38	-2.79	63.51	89.74	-26.23	183	15	Peak
5963.520	66.12	-2.65	63.47	68.20	-4.73	183	15	Peak

802.11ax HE20 Mode, 5825 MHz

Horizontal

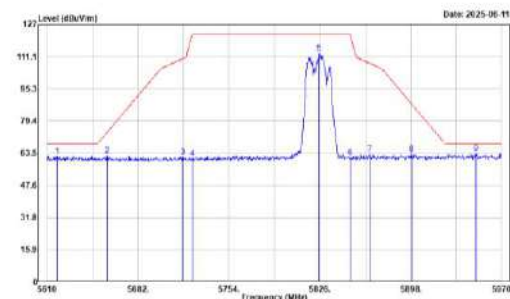
Description: AX20-TX-5825,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5630.880	65.43	-3.15	62.28	68.20	-5.92	152	57	Peak
5655.720	65.81	-3.25	62.56	72.45	-9.89	152	57	Peak
5705.000	65.44	-3.41	62.03	106.71	-44.68	152	57	Peak
5725.000	65.39	-3.39	62.00	122.20	-60.20	152	57	Peak
5825.000	105.87	-3.10	102.77			152	57	Peak
5850.000	64.15	-3.09	61.06	122.20	-61.14	152	57	Peak
5855.880	65.48	-3.05	62.43	110.55	-48.12	152	57	Peak
5922.120	65.43	-2.72	62.71	70.32	-7.61	152	57	Peak
5950.560	65.71	-2.63	63.08	68.20	-5.12	152	57	Peak

Vertical

Description: AX20-TX-5825,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:200Hz

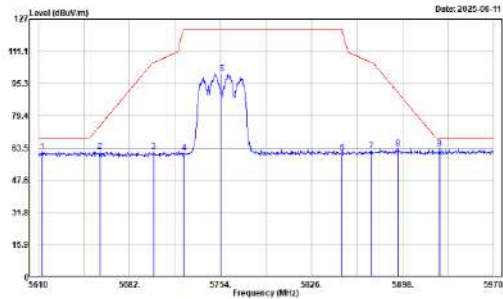


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5617.560	65.07	-3.11	61.96	68.20	-6.24	176	13	Peak
5657.520	65.65	-3.26	62.39	73.79	-11.40	176	13	Peak
5717.280	65.15	-3.40	61.75	110.04	-48.29	176	13	Peak
5725.000	64.46	-3.39	61.07	122.20	-61.13	176	13	Peak
5825.000	116.04	-3.10	112.94			176	13	Peak
5850.000	64.50	-3.09	61.41	122.20	-60.79	176	13	Peak
5865.240	66.11	-3.00	63.11	107.93	-44.82	176	13	Peak
5898.720	65.81	-2.78	63.03	87.61	-24.58	176	13	Peak
5949.480	65.94	-2.64	63.30	68.20	-4.90	176	13	Peak

802.11ax HE40 Mode, 5755 MHz

Horizontal

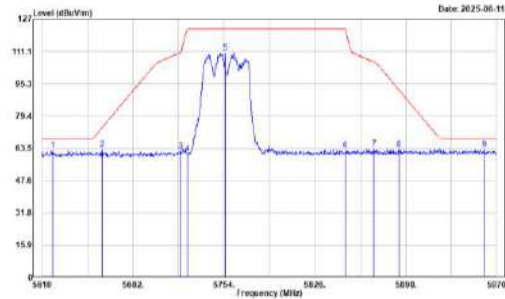
Description: AX40-TX-5755, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5612.520	65.03	-3.09	61.94	68.20	-6.26	168	57	Peak
5658.600	65.04	-3.26	61.78	74.59	-12.81	168	57	Peak
5701.440	65.33	-3.42	61.91	105.60	-43.69	168	57	Peak
5725.000	64.75	-3.39	61.36	122.20	-60.84	168	57	Peak
5755.000	103.38	-3.34	100.04			168	57	Peak
5850.000	64.48	-3.09	61.39	122.20	-60.81	168	57	Peak
5873.160	65.28	-2.95	62.33	105.71	-43.38	168	57	Peak
5894.400	66.28	-2.80	63.48	90.81	-27.33	168	57	Peak
5927.160	66.12	-2.71	63.41	68.20	-4.79	168	57	Peak

Vertical

Description: AX40-TX-5755, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz

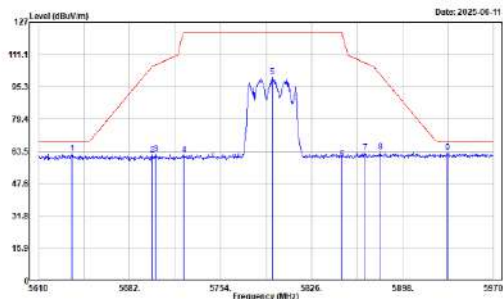


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5618.280	65.66	-3.11	62.55	68.20	-5.65	192	15	Peak
5657.520	66.22	-3.26	62.96	73.79	-10.83	192	15	Peak
5719.440	65.79	-3.40	62.39	110.64	-48.25	192	15	Peak
5725.000	64.30	-3.39	60.91	122.20	-61.29	192	15	Peak
5755.000	113.68	-3.34	110.34			192	15	Peak
5850.000	65.56	-3.09	62.47	122.20	-59.73	192	15	Peak
5872.800	66.33	-2.95	63.38	105.82	-42.44	192	15	Peak
5892.600	65.95	-2.81	63.14	92.14	-29.00	192	15	Peak
5959.920	65.70	-2.65	63.05	68.20	-5.15	192	15	Peak

802.11ax HE40 Mode, 5795 MHz

Horizontal

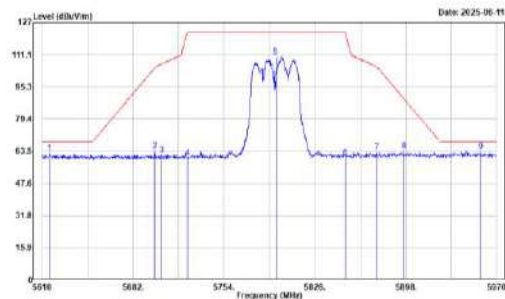
Description: AX40-TX-5795, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5636.640	65.65	-3.18	62.47	68.20	-5.73	162	55	Peak
5700.000	65.33	-3.42	61.91	105.20	-43.29	162	55	Peak
5702.880	65.70	-3.42	62.28	106.01	-43.73	162	55	Peak
5725.000	65.29	-3.39	61.90	122.20	-60.30	162	55	Peak
5795.000	103.28	-3.14	100.14			162	55	Peak
5850.000	63.11	-3.09	60.02	122.20	-62.18	162	55	Peak
5868.480	65.92	-2.98	62.94	107.02	-44.08	162	55	Peak
5880.360	66.24	-2.90	63.34	101.22	-37.88	162	55	Peak
5933.640	65.80	-2.68	63.12	68.20	-5.08	162	55	Peak

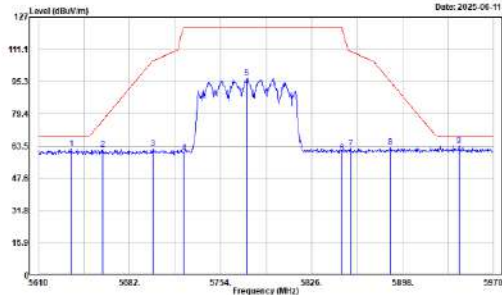
Vertical

Description: AX40-TX-5795, Peak RBW: 1MHz/VBW: 3MHz, Avg RBW: 1MHz/VBW: 200Hz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5615.760	65.71	-3.10	62.61	68.20	-5.59	163	0	Peak
5699.280	67.25	-3.42	63.83	104.67	-40.84	163	0	Peak
5704.320	64.93	-3.41	61.52	106.41	-44.89	163	0	Peak
5725.000	63.62	-3.39	60.23	122.20	-61.97	163	0	Peak
5795.000	113.39	-3.14	110.25			163	0	Peak
5850.000	63.42	-3.09	60.33	122.20	-61.87	163	0	Peak
5874.960	65.89	-2.94	62.95	105.21	-42.26	163	0	Peak
5896.560	66.57	-2.79	63.78	89.21	-25.43	163	0	Peak
5957.400	66.06	-2.64	63.42	68.20	-4.78	163	0	Peak

Horizontal



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
Hz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5635.920	65.58	-3.17	62.33	68.28	-5.87	154	54	Peak
5660.760	65.29	-3.27	62.02	76.19	-14.17	154	54	Peak
5700.720	65.58	-3.42	62.16	105.48	-43.24	154	54	Peak
5725.060	63.62	-3.39	60.23	122.28	-61.97	154	54	Peak
5775.000	100.25	-2.24	98.02	100.25	-0.00	154	54	Peak
5850.000	63.39	-3.09	60.30	122.28	-61.90	154	54	Peak
5856.960	65.78	-3.05	62.65	110.25	-47.60	154	54	Peak
5888.280	65.85	-2.85	63.00	95.34	-32.34	154	54	Peak
5942.640	66.43	-2.65	63.78	108.20	-44.42	154	54	Peak

	Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remarks
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
5620.800	65.01	-3.12	61.89	68.20	-6.31	180	16	Peak	
5664.000	65.39	-3.29	62.18	78.59	-16.49	180	16	Peak	
5715.840	65.88	-3.40	62.48	102.64	-47.16	180	16	Peak	
5725.500	65.63	-3.24	62.49	129.22	-59.76	180	16	Peak	
5757.000	119.52	-3.39	101.38			180	16	Peak	
5850.000	63.86	-3.09	69.77	122.29	-61.43	180	16	Peak	
5859.120	65.57	-3.03	62.54	109.64	-47.10	180	16	Peak	
5924.280	66.11	-2.71	63.40	68.53	-5.33	180	16	Peak	
5960.640	66.01	-2.65	63.36	68.20	-4.84	180	16	Peak	

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain.}$$

1GHz-18GHz:

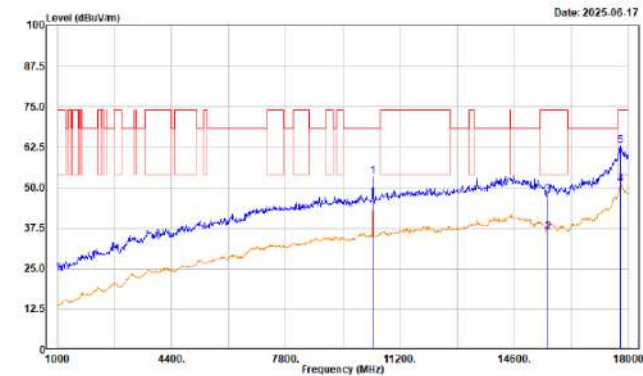
Beamforming

5150-5250 MHz

802.11ac VHT20 Mode worst case is 5200 MHz

Horizontal

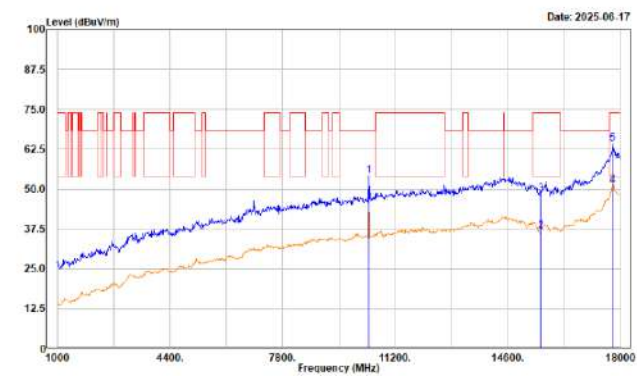
Description: AC20-TX-5200,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10400.000	47.70	5.69	53.39	68.20	-14.81	112	13	Peak
15600.000	30.43	5.88	36.31	54.00	-17.69	146	221	Average
15600.000	41.92	5.88	47.80	74.00	-26.20	146	221	Peak
17762.000	32.96	17.91	50.87	54.00	-3.13	150	77	Average
17762.000	45.07	17.91	62.98	74.00	-11.02	150	77	Peak

Vertical

Description: AC20-TX-5200,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz

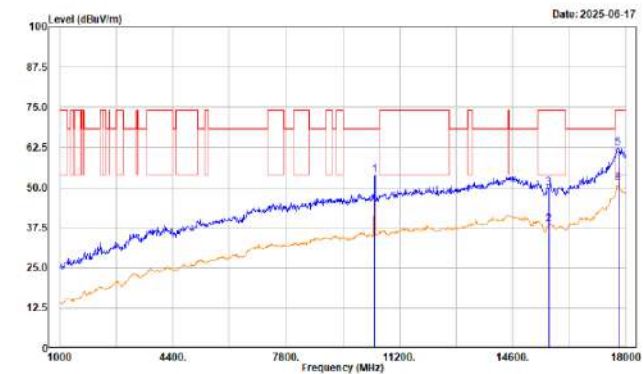


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10400.000	48.42	5.69	54.11	68.20	-14.09	104	340	Peak
15600.000	30.90	5.88	36.78	54.00	-17.22	152	32	Average
15600.000	42.59	5.88	48.47	74.00	-25.53	152	32	Peak
17779.000	33.25	18.01	51.26	54.00	-2.74	150	145	Average
17779.000	46.31	18.01	64.32	74.00	-9.68	150	145	Peak

802.11ac VHT40 Mode worst case is 5230 MHz

Horizontal

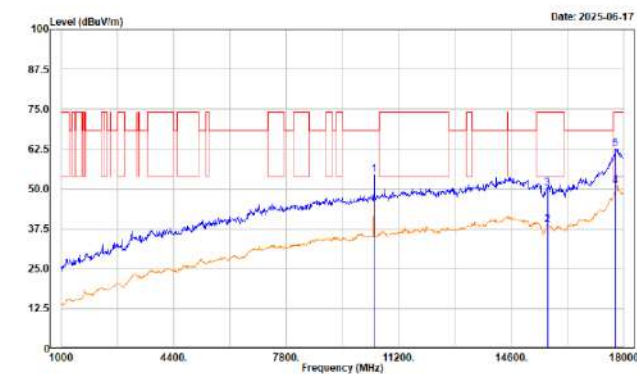
Description: AC40-TX-5230,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10460.000	48.07	5.75	53.82	68.20	-14.38	155	28	Peak
15690.000	32.29	6.24	38.53	54.00	-15.47	141	166	Average
15690.000	43.56	6.24	49.80	74.00	-24.20	141	166	Peak
17779.000	33.40	18.01	51.41	54.00	-2.59	150	22	Average
17779.000	44.45	18.01	62.46	74.00	-11.54	150	22	Peak

Vertical

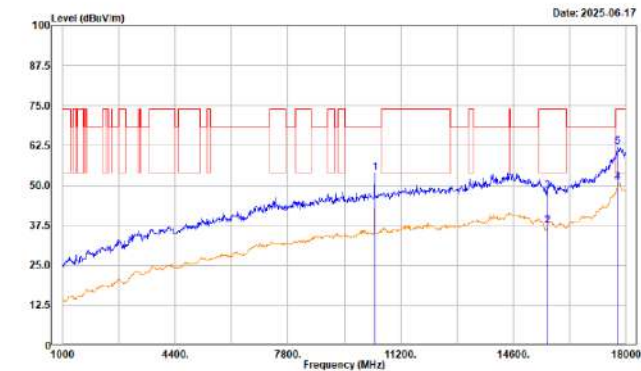
Description: AC40-TX-5230,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10460.000	48.79	5.75	54.54	68.20	-13.66	132	345	Peak
15690.000	32.45	6.24	38.69	54.00	-15.31	156	232	Average
15690.000	43.93	6.24	50.17	74.00	-23.83	156	232	Peak
17745.000	33.15	17.81	50.96	54.00	-3.04	150	11	Average
17745.000	44.78	17.81	62.59	74.00	-11.41	150	11	Peak

802.11ac VHT80 Mode worst case is 5210 MHz**Horizontal**

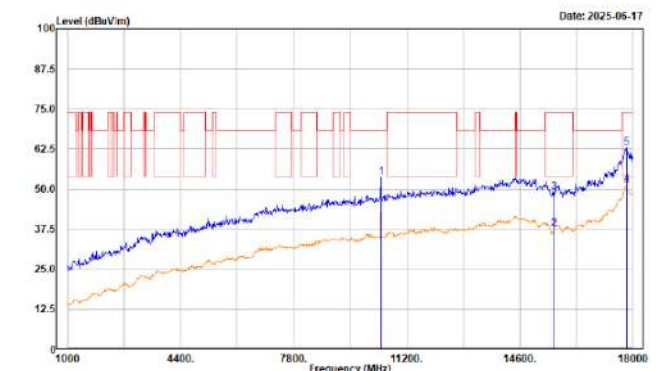
Description: AC80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	48.20	5.71	53.91	68.20	-14.29	108	35	Peak
15630.000	31.39	6.00	37.39	54.00	-16.61	149	52	Average
15630.000	42.33	6.00	48.33	74.00	-25.67	149	52	Peak
17745.000	33.07	17.81	50.88	54.00	-3.12	150	166	Average
17745.000	44.17	17.81	61.98	74.00	-12.02	150	166	Peak

Vertical

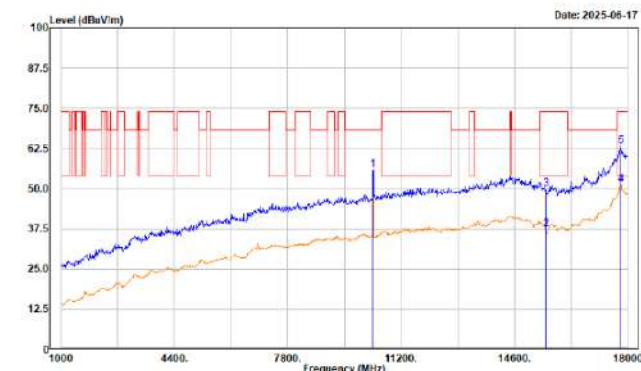
Description: AC80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	48.07	5.71	53.78	68.20	-14.42	108	339	Peak
15630.000	31.54	6.00	37.54	54.00	-16.46	153	201	Average
15630.000	43.02	6.00	49.02	74.00	-24.98	153	201	Peak
17830.000	32.95	18.21	51.16	54.00	-2.84	150	25	Average
17830.000	44.55	18.21	62.76	74.00	-11.24	150	25	Peak

802.11ax HE20 Mode worst case is 5180 MHz**Horizontal**

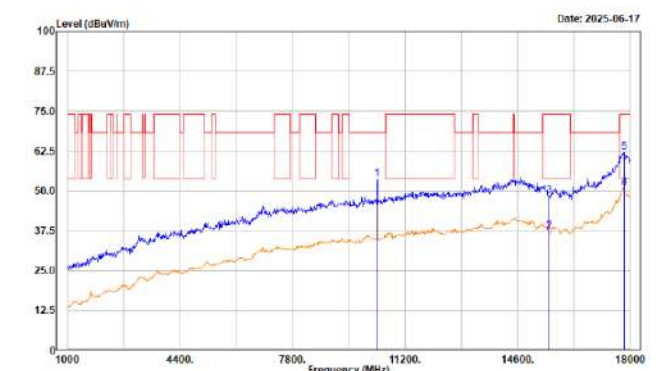
Description: AX20-TX-5180, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10360.000	50.25	5.67	55.92	68.20	-12.28	104	7	Peak
15540.000	31.12	6.26	37.38	54.00	-16.62	142	206	Average
15540.000	43.71	6.26	49.97	74.00	-24.03	142	206	Peak
17790.000	33.00	18.11	51.11	54.00	-2.89	150	118	Average
17790.000	45.13	18.11	63.24	74.00	-10.76	150	118	Peak

Vertical

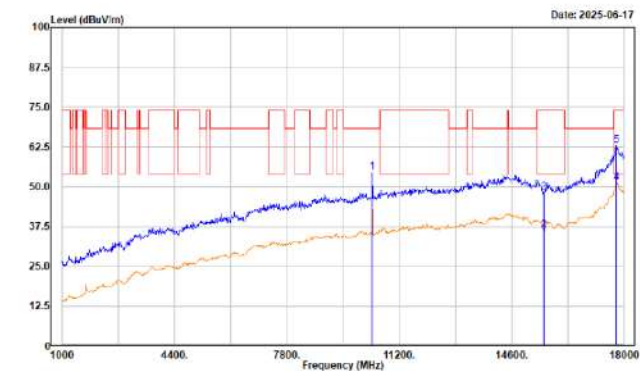
Description: AX20-TX-5180, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10360.000	47.92	5.67	53.59	68.20	-14.61	107	343	Peak
15540.000	31.12	6.26	37.38	54.00	-16.62	158	115	Average
15540.000	42.29	6.26	48.55	74.00	-25.45	158	115	Peak
17830.000	32.75	18.21	50.96	54.00	-3.04	150	138	Average
17830.000	43.81	18.21	62.02	74.00	-11.98	150	138	Peak

802.11ax HE40 Mode worst case is 5190 MHz**Horizontal**

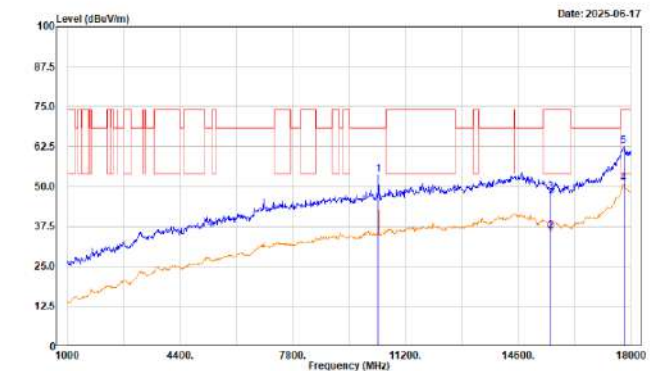
Description: AX40-TX-5190, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10380.000	48.77	5.68	54.45	68.20	-13.75	103	9	Peak
15570.000	30.25	6.07	36.32	54.00	-17.68	158	320	Average
15570.000	42.29	6.07	48.36	74.00	-25.64	158	320	Peak
17762.000	33.33	17.91	51.24	54.00	-2.76	150	113	Average
17762.000	44.85	17.91	62.76	74.00	-11.24	150	113	Peak

Vertical

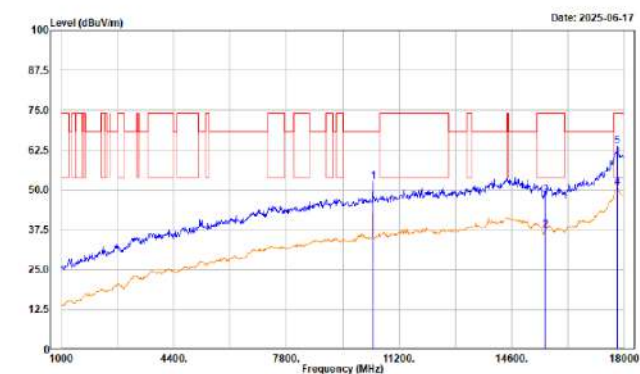
Description: AX40-TX-5190, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10380.000	47.86	5.68	53.54	68.20	-14.66	106	339	Peak
15570.000	30.05	6.07	36.12	54.00	-17.88	157	202	Average
15570.000	42.04	6.07	48.11	74.00	-25.89	157	202	Peak
17779.000	32.94	18.01	50.95	54.00	-3.05	150	199	Average
17779.000	44.51	18.01	62.52	74.00	-11.48	150	199	Peak

802.11ax HE80 Mode worst case is 5210 MHz**Horizontal**

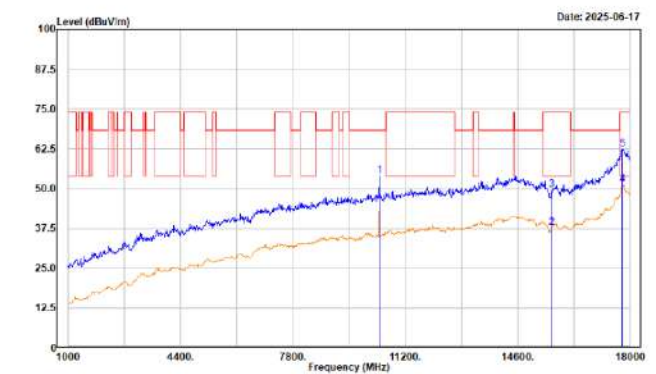
Description: AX80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	46.80	5.71	52.51	68.20	-15.69	111	33	Peak
15630.000	31.42	6.00	37.42	54.00	-16.58	148	308	Average
15630.000	42.23	6.00	48.23	74.00	-25.77	148	308	Peak
17795.000	32.69	18.11	50.80	54.00	-3.20	150	193	Average
17795.000	45.57	18.11	63.68	74.00	-10.32	150	193	Peak

Vertical

Description: AX80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



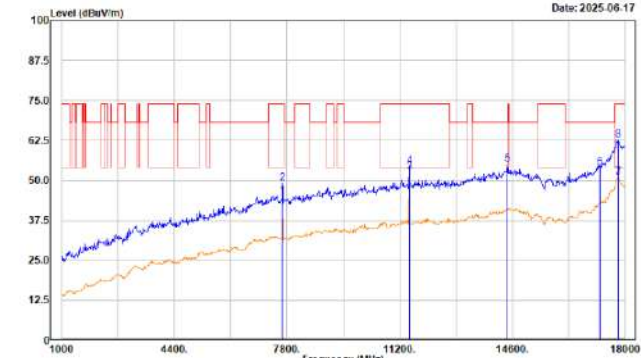
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	48.34	5.71	54.05	68.20	-14.15	107	341	Peak
15630.000	31.57	6.00	37.57	54.00	-16.43	151	205	Average
15630.000	43.46	6.00	49.46	74.00	-24.54	151	205	Peak
17762.000	33.36	17.91	51.27	54.00	-2.73	150	332	Average
17762.000	44.43	17.91	62.34	74.00	-11.66	150	332	Peak

5725~5850 MHz

802.11ac VHT20 Mode worst case is 5745 MHz

Horizontal

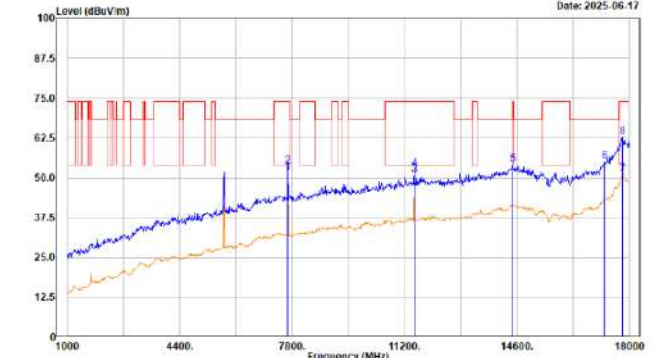
Description: AC20-TX-5745,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	43.82	1.09	44.91	54.00	-9.09	150	114	Average
7664.000	47.89	1.09	48.98	74.00	-25.02	150	114	Peak
11490.000	44.95	7.50	52.45	54.00	-1.55	101	13	Average
11490.000	47.07	7.50	54.57	74.00	-19.43	101	13	Peak
14447.000	44.03	11.02	55.05	68.20	-13.15	150	205	Peak
17235.000	41.31	12.59	53.90	68.20	-14.30	158	305	Peak
17796.000	32.96	18.11	51.07	54.00	-2.93	150	223	Average
17796.000	44.49	18.11	62.60	74.00	-11.40	150	223	Peak

Vertical

Description: AC20-TX-5745,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz

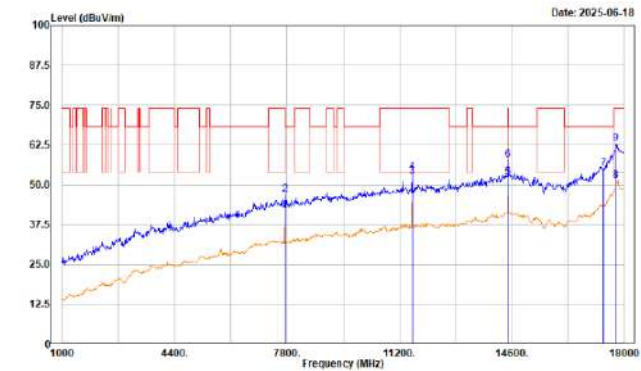


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	50.34	1.09	51.43	54.00	-2.57	150	59	Average
7664.000	52.50	1.09	53.59	74.00	-20.41	150	59	Peak
11490.000	43.38	7.50	50.88	54.00	-3.12	143	18	Average
11490.000	45.47	7.50	52.97	74.00	-21.03	143	18	Peak
14464.000	43.26	11.05	54.31	68.20	-13.89	150	110	Peak
17235.000	42.33	12.59	54.92	68.20	-13.28	158	205	Peak
17796.000	33.11	18.11	51.22	54.00	-2.78	150	213	Average
17796.000	44.74	18.11	62.85	74.00	-11.15	150	213	Peak

802.11ac VHT40 Mode worst case is 5795 MHz

Horizontal

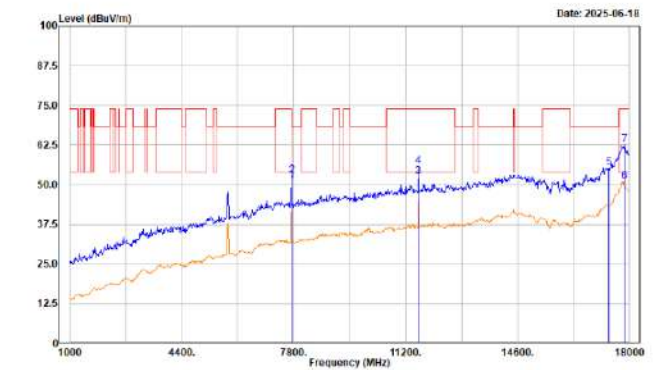
Description: AC40-TX-5795,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7732.000	40.59	1.02	41.61	54.00	-12.39	150	253	Average
7732.000	45.76	1.02	46.78	74.00	-27.22	150	253	Peak
11590.000	44.86	7.71	52.57	54.00	-1.43	103	351	Average
11590.000	46.10	7.71	53.81	74.00	-20.19	103	351	Peak
14481.000	41.15	11.09	52.24	54.00	-1.76	150	360	Average
14481.000	46.54	11.09	57.63	74.00	-16.37	150	360	Peak
17385.000	41.43	13.67	55.10	68.20	-13.10	143	100	Peak
17745.000	33.29	17.81	51.10	54.00	-2.90	150	22	Average
17745.000	45.10	17.81	62.91	74.00	-11.09	150	22	Peak

Vertical

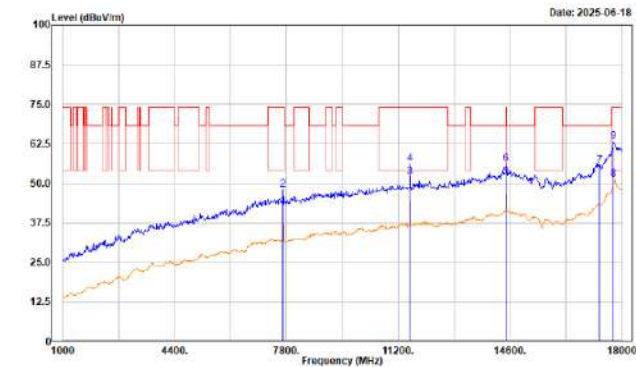
Description: AC40-TX-5795,Peak RBW:1MHz/VBW:3MHz,Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7732.000	50.21	1.02	51.23	54.00	-2.77	150	326	Average
7732.000	51.93	1.02	52.95	74.00	-21.05	150	326	Peak
11590.000	44.93	7.71	52.64	54.00	-1.36	143	17	Average
11590.000	48.11	7.71	55.82	74.00	-18.18	143	17	Peak
17385.000	41.71	13.67	55.38	68.20	-12.82	155	203	Peak
17847.000	32.77	18.25	51.02	54.00	-2.98	150	182	Average
17847.000	44.48	18.25	62.65	74.00	-11.35	150	182	Peak

802.11ac VHT80 Mode worst case is 5775 MHz**Horizontal**

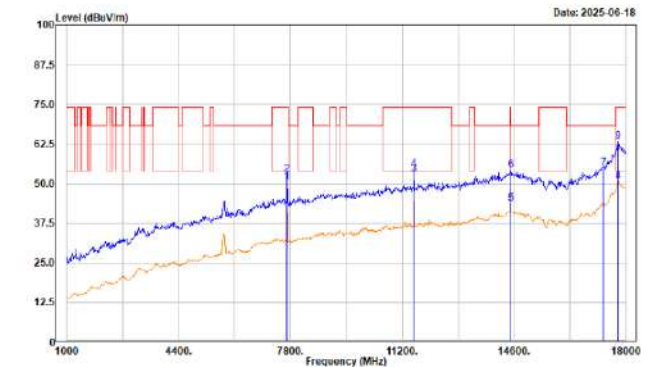
Description: AC80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	41.48	1.01	42.49	54.00	-11.51	150	49	Average
7698.000	47.05	1.01	48.06	74.00	-25.94	150	49	Peak
11550.000	44.41	7.61	52.02	54.00	-1.98	107	352	Average
11550.000	48.52	7.61	56.13	74.00	-17.87	107	352	Peak
14481.000	40.81	11.09	51.90	54.00	-2.10	150	325	Average
14481.000	45.09	11.09	56.18	74.00	-17.82	150	325	Peak
17325.000	42.11	13.40	55.51	68.20	-12.69	144	208	Peak
17745.000	33.33	17.81	51.14	54.00	-2.86	150	5	Average
17745.000	45.21	17.81	63.02	74.00	-10.98	150	5	Peak

Vertical

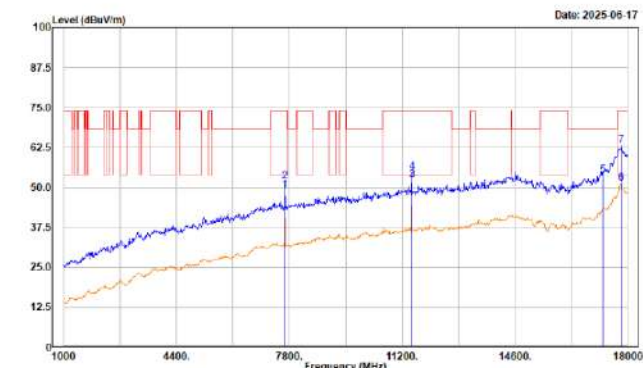
Description: AC80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	49.36	1.01	50.37	54.00	-3.63	150	227	Average
7698.000	51.78	1.01	52.79	74.00	-21.21	150	227	Peak
11550.000	45.24	7.61	52.85	54.00	-1.15	138	16	Average
11550.000	46.95	7.61	54.56	74.00	-19.44	138	16	Peak
14498.000	32.46	11.13	43.59	54.00	-10.41	150	320	Average
14498.000	43.07	11.13	54.20	74.00	-19.80	150	320	Peak
17325.000	41.27	13.40	54.67	68.20	-13.53	156	185	Peak
17762.000	32.82	17.91	50.73	54.00	-3.27	150	185	Average
17762.000	45.16	17.91	63.07	74.00	-10.93	150	185	Peak

802.11ax HE20 Mode worst case is 5745 MHz**Horizontal**

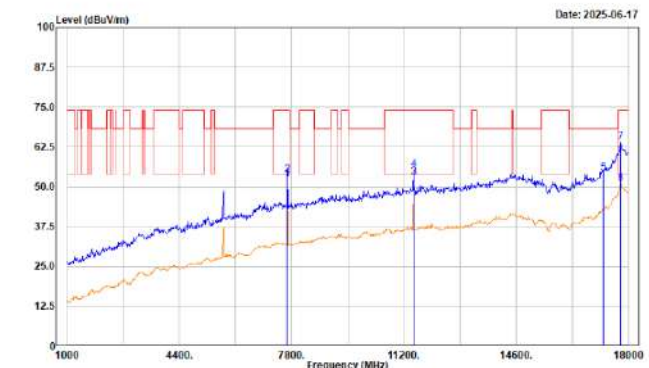
Description: AX20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	48.05	1.09	49.14	54.00	-4.86	150	113	Average
7664.000	50.76	1.09	51.85	74.00	-22.15	150	113	Peak
11490.000	44.77	7.50	52.27	54.00	-1.73	103	12	Average
11490.000	47.32	7.50	54.82	74.00	-19.18	103	12	Peak
17235.000	41.17	12.59	53.76	68.20	-14.44	157	305	Peak
17796.000	32.98	18.11	51.09	54.00	-2.91	150	113	Average
17796.000	45.08	18.11	63.19	74.00	-10.81	150	113	Peak

Vertical

Description: AX20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

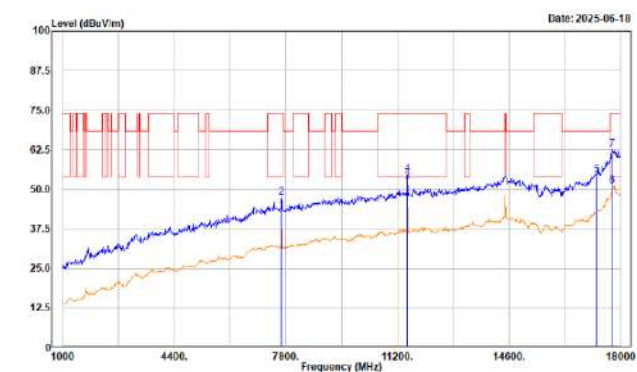


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	51.13	1.09	52.22	54.00	-1.78	150	82	Average
7664.000	52.69	1.09	53.78	74.00	-20.22	150	82	Peak
11490.000	45.46	7.50	52.96	54.00	-1.04	102	18	Average
11490.000	47.73	7.50	55.23	74.00	-18.77	102	18	Peak
17235.000	41.70	12.59	54.29	68.20	-13.91	144	320	Peak
17762.000	33.06	17.91	50.97	54.00	-3.03	150	205	Average
17762.000	45.95	17.91	63.86	74.00	-10.14	150	205	Peak

802.11ax HE40 Mode worst case is 5755 MHz

Horizontal

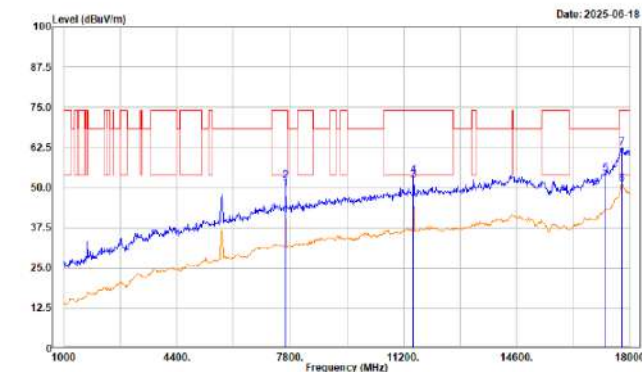
Description: AX40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	42.25	1.09	43.34	54.00	-10.66	150	2	Average
7664.000	46.43	1.09	47.52	74.00	-26.48	150	2	Peak
11510.000	44.79	7.53	52.32	54.00	-1.68	136	354	Average
11510.000	47.24	7.53	54.77	74.00	-19.23	136	354	Peak
17265.000	41.57	12.90	54.47	68.20	-13.73	158	149	Peak
17728.000	33.35	17.72	51.07	54.00	-2.93	150	132	Average
17728.000	44.99	17.72	62.71	74.00	-11.29	150	132	Peak

Vertical

Description: AX40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

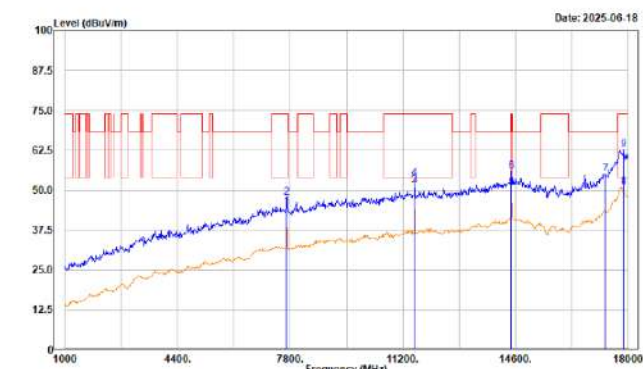


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	48.50	1.09	49.59	54.00	-4.41	150	305	Average
7664.000	50.99	1.09	52.08	74.00	-21.92	150	305	Peak
11510.000	44.90	7.53	52.43	54.00	-1.57	148	16	Average
11510.000	46.20	7.53	53.73	74.00	-20.27	148	16	Peak
17265.000	41.33	12.90	54.23	68.20	-13.97	142	272	Peak
17762.000	33.12	17.91	51.03	54.00	-2.97	150	132	Average
17762.000	44.55	17.91	62.46	74.00	-11.54	150	132	Peak

802.11ax HE80 Mode worst case is 5775 MHz

Horizontal

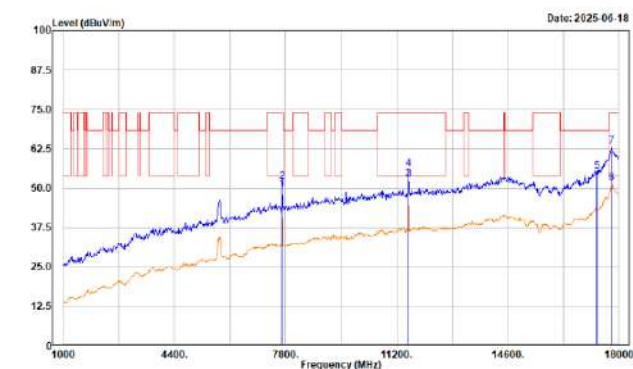
Description: AX80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	43.70	1.01	44.71	54.00	-9.29	150	58	Average
7698.000	46.78	1.01	47.79	74.00	-26.21	150	58	Peak
11550.000	43.86	7.61	51.47	54.00	-2.53	105	352	Average
11550.000	46.16	7.61	53.77	74.00	-20.23	105	352	Peak
14481.000	39.62	11.09	50.71	54.00	-3.29	150	139	Average
14481.000	44.77	11.09	55.86	74.00	-18.14	150	139	Peak
17325.000	41.64	13.40	55.04	68.20	-13.16	141	113	Peak
17881.000	32.63	18.34	50.97	54.00	-3.03	150	227	Average
17881.000	44.16	18.34	62.50	74.00	-11.50	150	227	Peak

Vertical

Description: AX80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	48.54	1.01	49.55	54.00	-4.45	150	52	Average
7698.000	51.03	1.01	52.04	74.00	-21.96	150	52	Peak
11550.000	45.15	7.61	52.76	54.00	-1.24	149	18	Average
11550.000	48.57	7.61	56.18	74.00	-17.82	149	18	Peak
17325.000	42.00	13.40	55.40	68.20	-12.80	144	77	Peak
17779.000	33.44	18.01	51.45	54.00	-2.55	150	218	Average
17779.000	45.21	18.01	63.22	74.00	-10.78	150	218	Peak

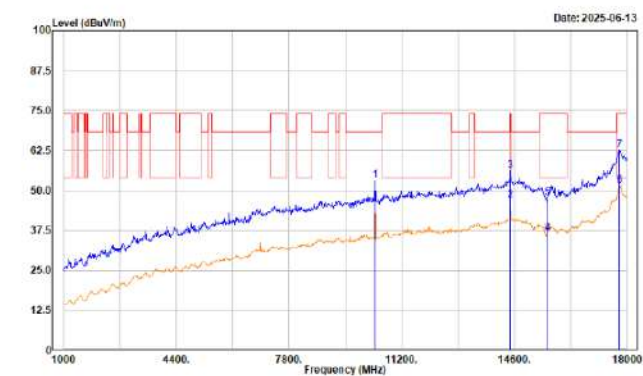
Non Beamforming

5150-5250 MHz

802.11a Mode worst case is 5200 MHz

Horizontal

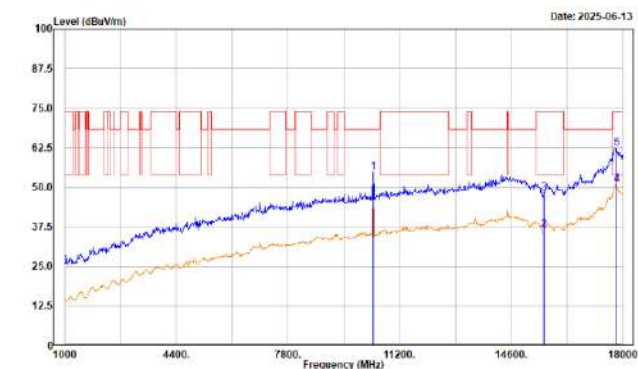
Description: A-TX-5200, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10400.000	47.38	5.69	53.07	68.20	-15.13	117	21	Peak
14481.000	35.70	11.09	46.79	54.00	-7.21	150	114	Average
14481.000	44.97	11.09	56.06	74.00	-17.94	150	114	Peak
15600.000	30.79	5.88	36.67	54.00	-17.33	146	228	Average
15600.000	41.91	5.88	47.79	74.00	-26.21	146	228	Peak
17762.000	33.62	17.91	51.53	54.00	-2.47	150	138	Average
17762.000	44.69	17.91	62.60	74.00	-11.40	150	138	Peak

Vertical

Description: A-TX-5200, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

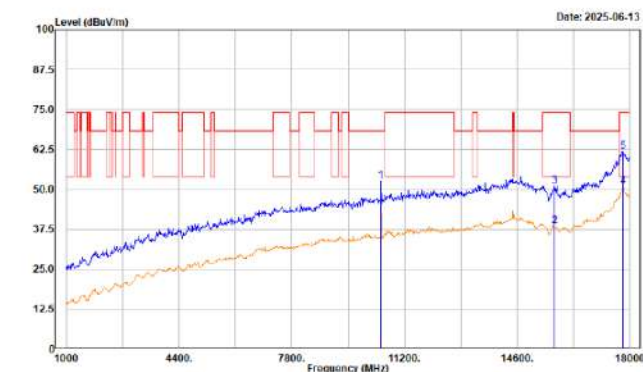


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10400.000	49.09	5.69	54.78	68.20	-13.42	117	337	Peak
15600.000	30.77	5.88	36.65	54.00	-17.35	154	118	Average
15600.000	42.25	5.88	48.13	74.00	-25.87	154	118	Peak
17813.000	32.66	18.16	50.82	54.00	-3.18	150	323	Average
17813.000	44.19	18.16	62.35	74.00	-11.65	150	323	Peak

802.11ac VHT20 Mode worst case is 5240 MHz

Horizontal

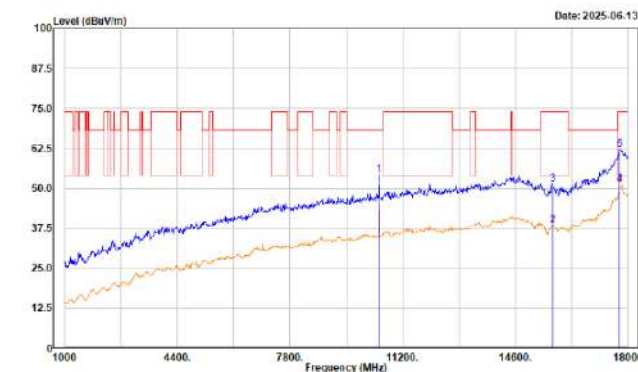
Description: AC20-TX-5240, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10480.000	46.91	5.78	52.69	68.20	-15.51	130	12	Peak
15720.000	32.24	6.18	38.42	54.00	-15.58	158	226	Average
15720.000	44.90	6.18	51.08	74.00	-22.92	158	226	Peak
17796.000	32.96	18.11	51.07	54.00	-2.93	150	239	Average
17796.000	43.67	18.11	61.78	74.00	-12.22	150	239	Peak

Vertical

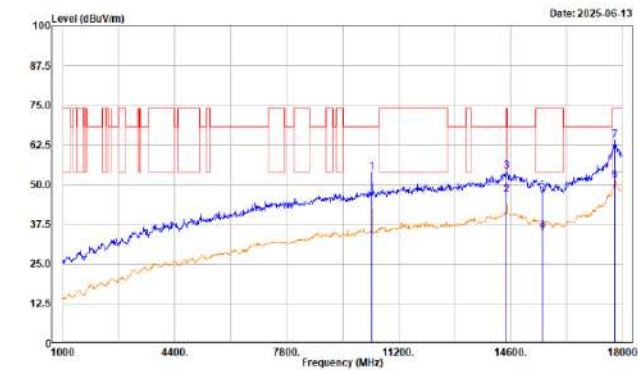
Description: AC20-TX-5240, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10480.000	48.44	5.78	54.22	68.20	-13.98	118	336	Peak
15720.000	32.23	6.18	38.41	54.00	-15.59	150	360	Average
15720.000	44.91	6.18	51.09	74.00	-22.91	150	360	Peak
17745.000	33.31	17.81	51.12	54.00	-2.88	150	125	Average
17745.000	44.32	17.81	62.13	74.00	-11.87	150	125	Peak

802.11ac VHT40 Mode worst case is 5190 MHz**Horizontal**

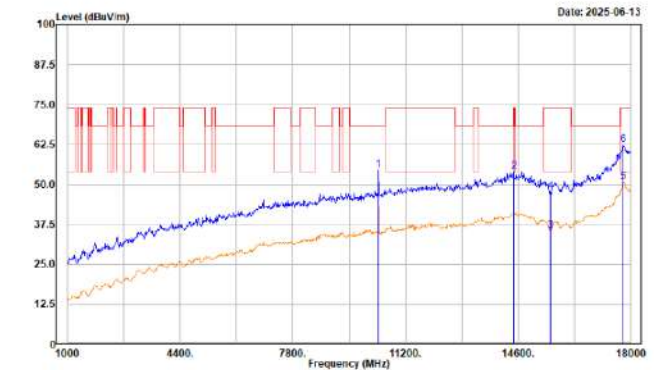
Description: AC40-TX-5190, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10380.000	48.34	5.68	54.02	68.20	-14.18	112	13	Peak
14481.000	35.79	11.09	46.88	54.00	-7.12	150	325	Average
14481.000	43.10	11.09	54.19	74.00	-19.81	150	325	Peak
15570.000	29.41	6.07	35.48	54.00	-18.52	143	114	Average
15570.000	41.86	6.07	47.93	74.00	-26.07	143	114	Peak
17762.000	33.27	17.91	51.18	54.00	-2.82	150	227	Average
17762.000	46.02	17.91	63.93	74.00	-10.07	150	227	Peak

Vertical

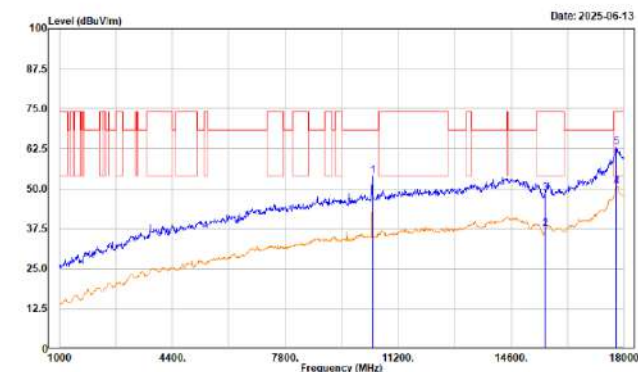
Description: AC40-TX-5190, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10380.000	48.85	5.68	54.53	68.20	-13.67	105	337	Peak
14464.000	42.93	11.05	53.98	68.20	-14.22	150	205	Peak
15570.000	29.34	6.07	35.41	54.00	-18.59	156	273	Average
15570.000	41.59	6.07	47.66	74.00	-26.34	156	273	Peak
17762.000	32.67	17.91	50.58	54.00	-3.42	150	119	Average
17762.000	44.46	17.91	62.37	74.00	-11.63	150	119	Peak

802.11ac VHT80 Mode worst case is 5210 MHz**Horizontal**

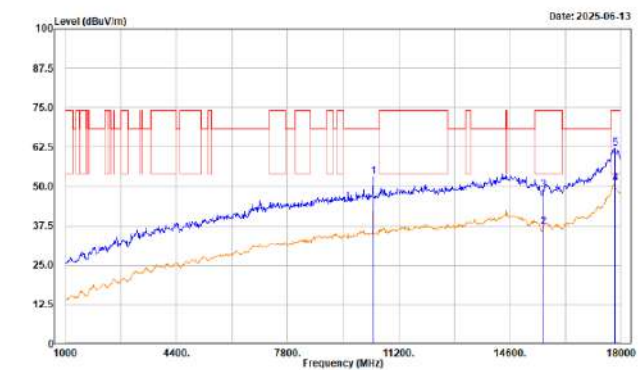
Description: AC80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	48.14	5.71	53.85	68.20	-14.35	132	9	Peak
15630.000	31.34	6.00	37.34	54.00	-16.66	155	305	Average
15630.000	42.51	6.00	48.51	74.00	-25.49	155	305	Peak
17762.000	32.72	17.91	50.63	54.00	-3.37	150	129	Average
17762.000	45.01	17.91	62.92	74.00	-11.08	150	129	Peak

Vertical

Description: AC80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

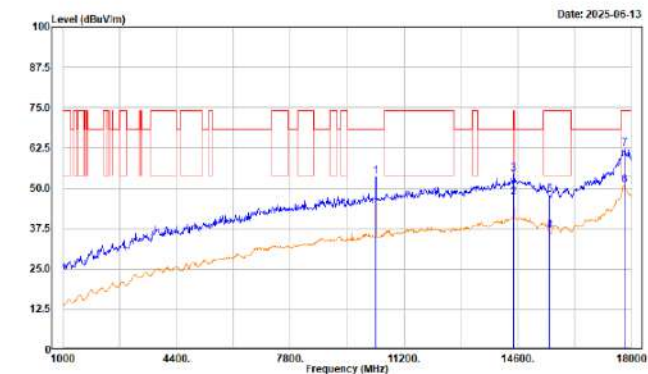


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	47.51	5.71	53.22	68.20	-14.98	107	334	Peak
15630.000	31.09	6.00	37.09	54.00	-16.91	158	14	Average
15630.000	42.74	6.00	48.74	74.00	-25.26	158	14	Peak
17813.000	32.74	18.16	50.90	54.00	-3.10	150	329	Average
17813.000	43.88	18.16	62.04	74.00	-11.96	150	329	Peak

802.11ax HE20 Mode worst case is 5180 MHz

Horizontal

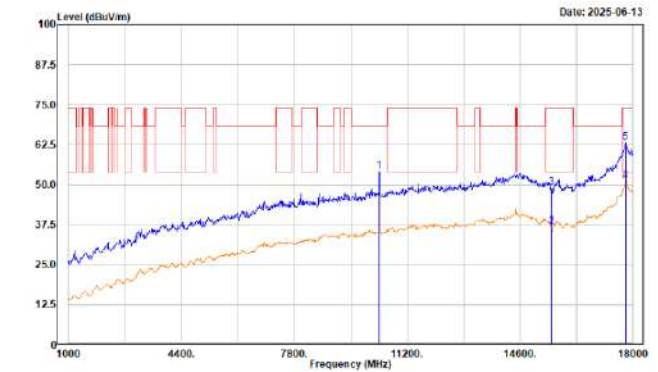
Description: AX20-TX-5180, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10360.000	47.98	5.67	53.65	68.20	-14.55	119	12	Peak
14481.000	35.98	11.09	47.07	54.00	-6.93	150	205	Average
14481.000	43.35	11.09	54.44	74.00	-19.56	150	205	Peak
15540.000	30.58	6.26	36.84	54.00	-17.16	155	12	Average
15540.000	41.65	6.26	47.91	74.00	-26.09	155	12	Peak
17796.000	32.83	18.11	50.94	54.00	-3.06	150	339	Average
17796.000	44.10	18.11	62.21	74.00	-11.79	150	339	Peak

Vertical

Description: AX20-TX-5180, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

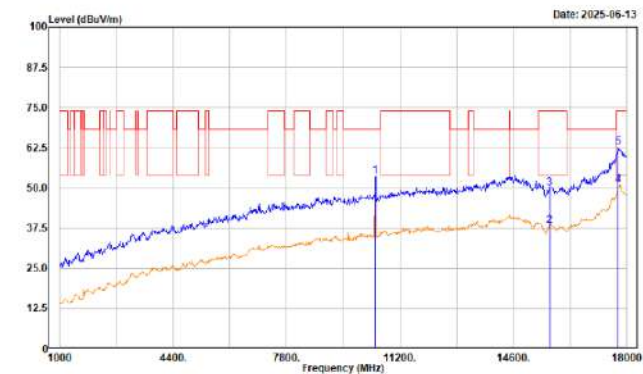


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10360.000	48.60	5.67	54.27	68.20	-13.93	110	337	Peak
15540.000	30.51	6.26	36.77	54.00	-17.23	151	209	Average
15540.000	42.86	6.26	49.12	74.00	-24.88	151	209	Peak
17779.000	33.16	18.01	51.17	54.00	-2.83	150	238	Average
17779.000	45.06	18.01	63.07	74.00	-10.93	150	238	Peak

802.11ax HE40 Mode worst case is 5230 MHz

Horizontal

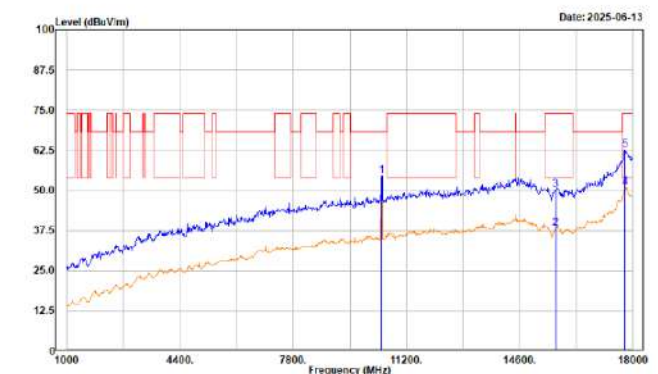
Description: AX40-TX-5230, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10460.000	47.90	5.75	53.65	68.20	-14.55	116	332	Peak
15690.000	32.06	6.24	38.30	54.00	-15.70	158	360	Average
15690.000	43.62	6.24	49.86	74.00	-24.14	158	360	Peak
17745.000	33.11	17.81	50.92	54.00	-3.08	150	139	Average
17745.000	44.67	17.81	62.48	74.00	-11.52	150	139	Peak

Vertical

Description: AX40-TX-5230, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

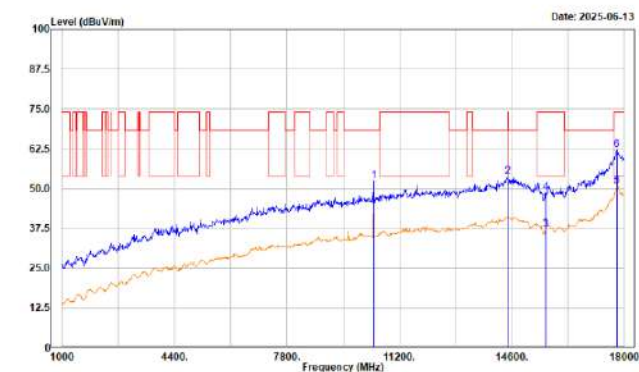


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10460.000	48.63	5.75	54.38	68.20	-13.82	107	334	Peak
15690.000	32.03	6.24	38.27	54.00	-15.73	149	230	Average
15690.000	43.79	6.24	50.03	74.00	-23.97	149	230	Peak
17762.000	33.05	17.91	50.96	54.00	-3.04	150	329	Average
17762.000	44.60	17.91	62.51	74.00	-11.49	150	329	Peak

802.11ax HE80 Mode worst case is 5210 MHz

Horizontal

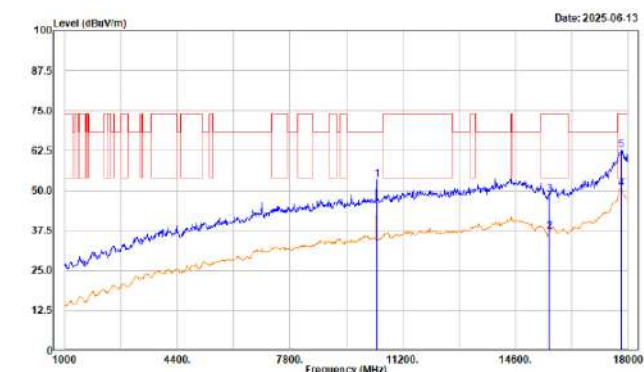
Description: AX80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	46.48	5.71	52.19	68.20	-16.01	125	13	Peak
14464.000	42.64	11.05	53.69	68.20	-14.51	150	306	Peak
15630.000	31.13	6.00	37.13	54.00	-16.87	151	259	Average
15630.000	42.82	6.00	48.82	74.00	-25.18	151	259	Peak
17779.000	32.69	18.01	58.70	54.00	-3.30	150	143	Average
17779.000	44.09	18.01	62.10	74.00	-11.90	150	143	Peak

Vertical

Description: AX80-TX-5210, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



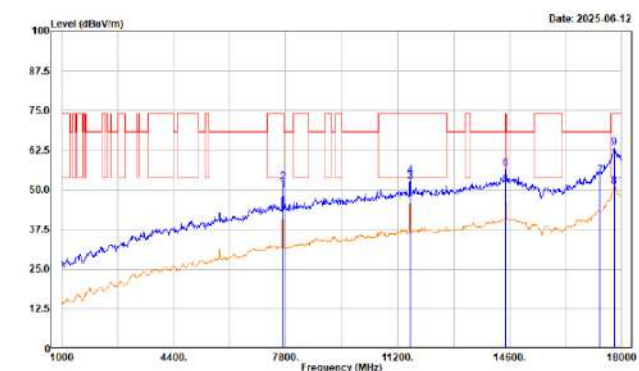
Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
10420.000	47.58	5.71	53.29	68.20	-14.91	110	334	Peak
15630.000	31.20	6.00	37.20	54.00	-16.80	144	326	Average
15630.000	42.73	6.00	48.73	74.00	-25.27	144	326	Peak
17796.000	32.61	18.11	58.72	54.00	-3.28	150	282	Average
17796.000	44.48	18.11	62.59	74.00	-11.41	150	282	Peak

5725~5850 MHz

802.11a Mode worst case is 5785 MHz

Horizontal

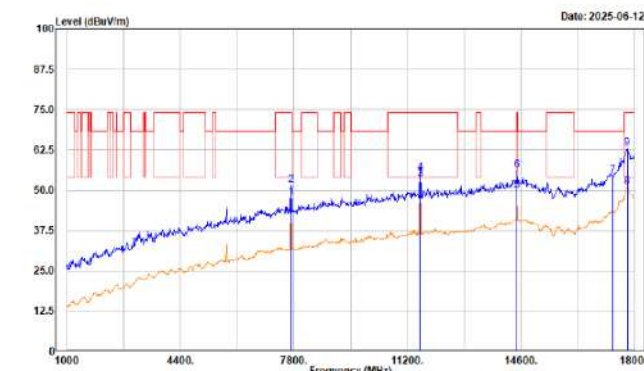
Description: A-TX-5785, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7715.000	48.87	1.02	49.89	54.00	-4.11	150	208	Average
7715.000	51.41	1.02	52.43	74.00	-21.57	150	208	Peak
11570.000	44.99	7.66	52.65	54.00	-1.35	117	351	Average
11570.000	46.94	7.66	54.60	74.00	-19.40	117	351	Peak
14481.000	40.37	11.09	51.46	54.00	-2.54	150	14	Average
14481.000	45.58	11.09	56.67	74.00	-17.33	150	14	Peak
17355.000	40.95	13.55	54.50	68.20	-13.70	156	228	Peak
17779.000	33.01	18.01	51.02	54.00	-2.98	150	139	Average
17779.000	45.03	18.01	63.04	74.00	-10.96	150	139	Peak

Vertical

Description: A-TX-5785, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

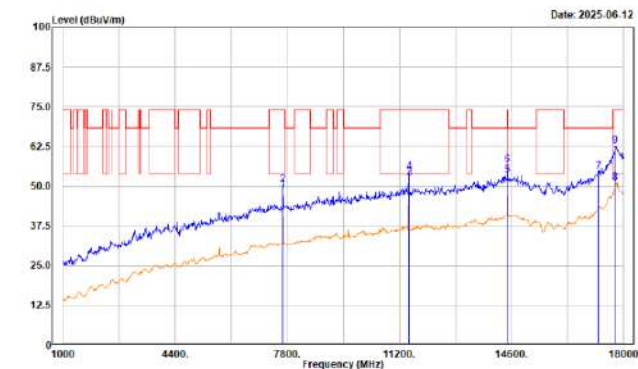


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7715.000	46.69	1.02	47.71	54.00	-6.29	150	256	Average
7715.000	50.40	1.02	51.42	74.00	-22.58	150	256	Peak
11570.000	45.83	7.66	53.49	54.00	-0.51	126	358	Average
11570.000	47.52	7.66	55.18	74.00	-18.82	126	358	Peak
14481.000	38.86	11.09	49.95	54.00	-4.05	150	113	Average
14481.000	45.09	11.09	56.18	74.00	-17.82	150	113	Peak
17355.000	41.02	13.55	54.57	68.20	-13.63	156	221	Peak
17779.000	32.98	18.01	50.99	54.00	-3.01	150	214	Average
17779.000	44.80	18.01	62.81	74.00	-11.19	150	214	Peak

802.11ac VHT20 Mode worst case is 5745 MHz

Horizontal

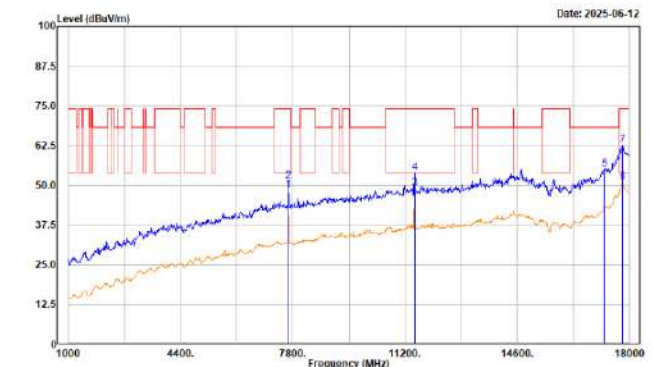
Description: AC20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	47.64	1.09	48.73	54.00	-5.27	150	141	Average
7664.000	49.36	1.09	50.45	74.00	-23.55	150	141	Peak
11490.000	45.16	7.50	52.66	54.00	-1.34	110	350	Average
11490.000	46.90	7.50	54.40	74.00	-19.60	110	350	Peak
14481.000	42.41	11.09	53.50	54.00	-0.50	150	310	Average
14481.000	45.64	11.09	56.73	74.00	-17.27	150	310	Peak
17235.000	41.95	12.59	54.54	68.20	-13.66	158	25	Peak
17745.000	33.19	17.81	51.00	54.00	-3.00	150	229	Average
17745.000	44.76	17.81	62.57	74.00	-11.43	150	229	Peak

Vertical

Description: AC20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

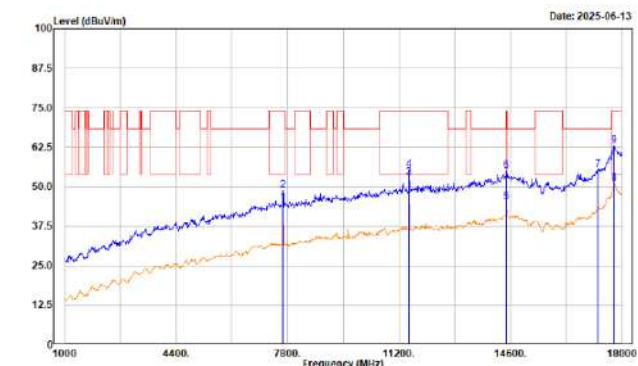


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	47.53	1.09	48.62	54.00	-5.38	150	220	Average
7664.000	50.17	1.09	51.26	74.00	-22.74	150	220	Peak
11490.000	41.48	7.50	48.98	54.00	-5.02	123	11	Average
11490.000	46.55	7.50	54.05	74.00	-19.95	123	11	Peak
17235.000	42.51	12.59	55.10	68.20	-13.10	141	328	Peak
17796.000	32.73	18.11	50.84	54.00	-3.16	150	153	Average
17796.000	44.56	18.11	62.67	74.00	-11.33	150	153	Peak

802.11ac VHT40 Mode worst case is 5755 MHz

Horizontal

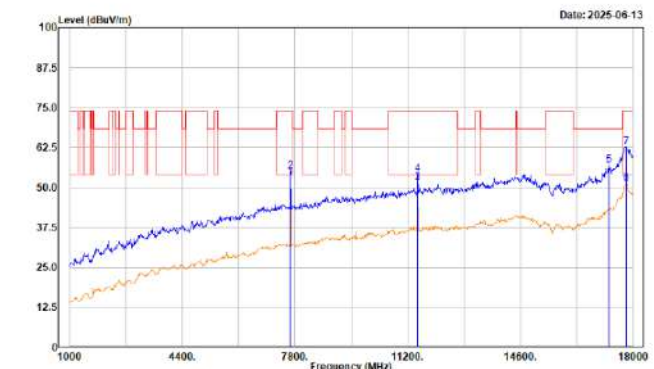
Description: AC40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	43.53	1.09	44.62	54.00	-9.38	150	316	Average
7664.000	47.67	1.09	48.76	74.00	-25.24	150	316	Peak
11510.000	45.25	7.53	52.78	54.00	-1.22	101	10	Average
11510.000	47.85	7.53	55.38	74.00	-18.62	101	10	Peak
14481.000	33.98	11.09	45.07	54.00	-8.93	150	192	Average
14481.000	43.93	11.09	55.02	74.00	-18.98	150	192	Peak
17265.000	42.33	12.90	55.23	68.20	-12.97	159	28	Peak
17762.000	32.98	17.91	50.89	54.00	-3.11	150	114	Average
17762.000	44.88	17.91	62.79	74.00	-11.21	150	114	Peak

Vertical

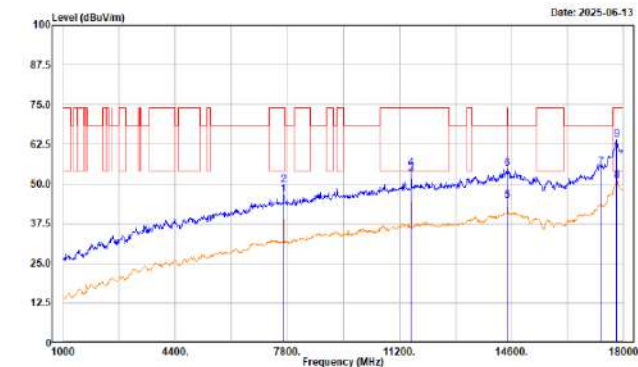
Description: AC40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	51.94	1.09	53.03	54.00	-0.97	150	206	Average
7664.000	54.03	1.09	55.12	74.00	-18.88	150	206	Peak
11510.000	43.92	7.53	51.45	54.00	-2.55	135	20	Average
11510.000	46.64	7.53	54.17	74.00	-19.83	135	20	Peak
17265.000	43.99	12.90	56.89	68.20	-11.31	158	124	Peak
17796.000	33.23	18.11	51.34	54.00	-2.66	150	227	Average
17796.000	44.46	18.11	62.57	74.00	-11.43	150	227	Peak

802.11ac VHT80 Mode worst case is 5775 MHz**Horizontal**

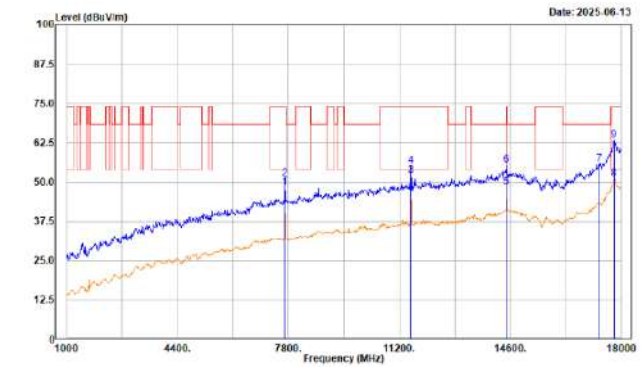
Description: AC80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	45.57	1.01	46.58	54.00	-7.42	150	219	Average
7698.000	48.70	1.01	49.71	74.00	-24.29	150	219	Peak
11550.000	45.62	7.61	53.23	54.00	-0.77	109	11	Average
11550.000	47.49	7.61	55.10	74.00	-18.90	109	11	Peak
14481.000	33.61	11.09	44.70	54.00	-9.30	150	114	Average
14481.000	43.72	11.09	54.81	74.00	-19.19	150	114	Peak
17325.000	41.87	13.40	55.27	68.20	-12.93	148	22	Peak
17796.000	32.88	18.11	50.99	54.00	-3.01	150	318	Average
17796.000	45.86	18.11	63.97	74.00	-10.03	150	318	Peak

Vertical

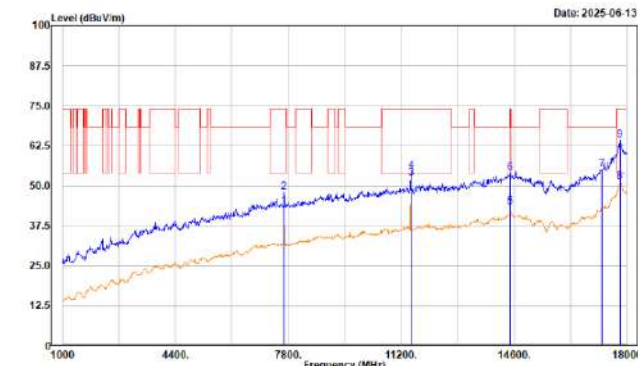
Description: AC80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	47.27	1.01	48.28	54.00	-5.72	150	300	Average
7698.000	49.99	1.01	51.00	74.00	-23.00	150	300	Peak
11550.000	44.47	7.61	52.08	54.00	-1.92	121	3	Average
11550.000	47.50	7.61	55.11	74.00	-18.89	121	3	Peak
14481.000	37.25	11.09	48.34	54.00	-5.66	150	139	Average
14481.000	44.25	11.09	55.34	74.00	-18.66	150	139	Peak
17325.000	42.26	13.40	55.66	68.20	-12.54	159	252	Peak
17779.000	32.90	18.01	50.91	54.00	-3.09	150	227	Average
17779.000	45.11	18.01	63.12	74.00	-10.88	150	227	Peak

802.11ax HE20 Mode worst case is 5745 MHz**Horizontal**

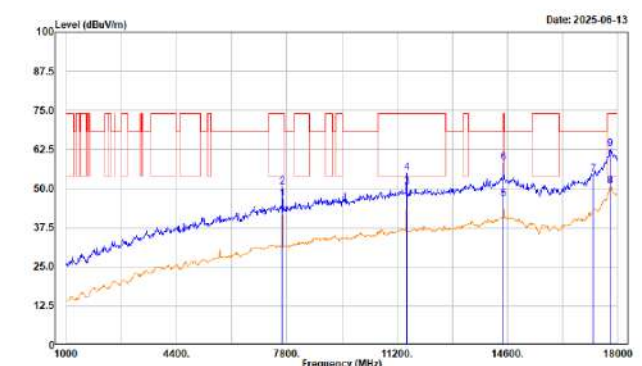
Description: AX20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	42.65	1.09	43.74	54.00	-10.26	150	212	Average
7664.000	46.94	1.09	48.03	74.00	-25.97	150	212	Peak
11490.000	44.86	7.50	52.36	54.00	-1.64	106	12	Average
11490.000	47.01	7.50	54.51	74.00	-19.49	106	12	Peak
14481.000	32.35	11.09	43.44	54.00	-10.56	150	329	Average
14481.000	42.78	11.09	53.87	74.00	-20.13	150	329	Peak
17235.000	42.40	12.59	54.99	68.20	-13.21	157	119	Peak
17779.000	33.20	18.01	51.21	54.00	-2.79	150	338	Average
17779.000	46.09	18.01	64.10	74.00	-9.90	150	338	Peak

Vertical

Description: AX20-TX-5745, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

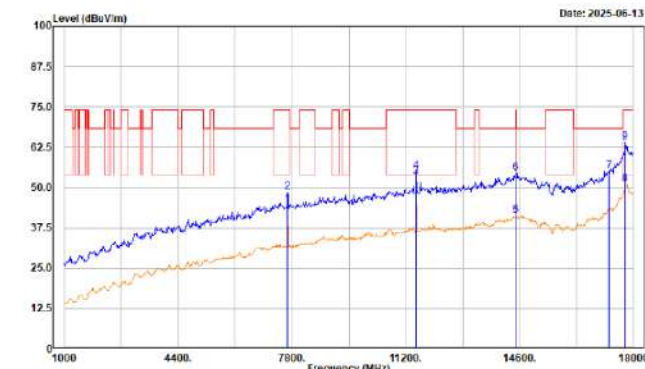


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	45.59	1.09	46.68	54.00	-7.32	150	143	Average
7664.000	49.40	1.09	50.49	74.00	-23.51	150	143	Peak
11490.000	43.04	7.50	50.54	54.00	-3.46	119	15	Average
11490.000	47.56	7.50	55.06	74.00	-18.94	119	15	Peak
14481.000	35.62	11.09	46.71	54.00	-7.29	150	227	Average
14481.000	47.17	11.09	58.26	74.00	-15.74	150	227	Peak
17235.000	41.84	12.59	54.43	68.20	-13.77	145	109	Peak
17762.000	32.72	17.91	50.63	54.00	-3.37	150	325	Average
17762.000	44.57	17.91	62.48	74.00	-11.52	150	325	Peak

802.11ax HE40 Mode worst case is 5755 MHz

Horizontal

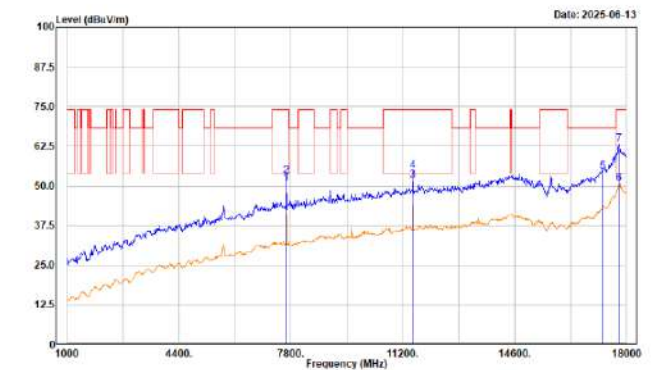
Description: AX40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	43.72	1.09	44.81	54.00	-9.19	150	52	Average
7664.000	47.53	1.09	48.62	74.00	-25.38	150	52	Peak
11510.000	45.82	7.53	53.35	54.00	-0.65	106	13	Average
11510.000	47.46	7.53	54.99	74.00	-19.01	106	13	Peak
14481.000	30.11	11.09	41.20	54.00	-12.80	150	43	Average
14481.000	43.25	11.09	54.34	74.00	-19.66	150	43	Peak
17265.000	42.20	12.90	55.10	68.20	-13.10	158	128	Peak
17745.000	33.21	17.81	51.02	54.00	-2.98	150	226	Average
17745.000	46.22	17.81	64.03	74.00	-9.97	150	226	Peak

Vertical

Description: AX40-TX-5755, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz

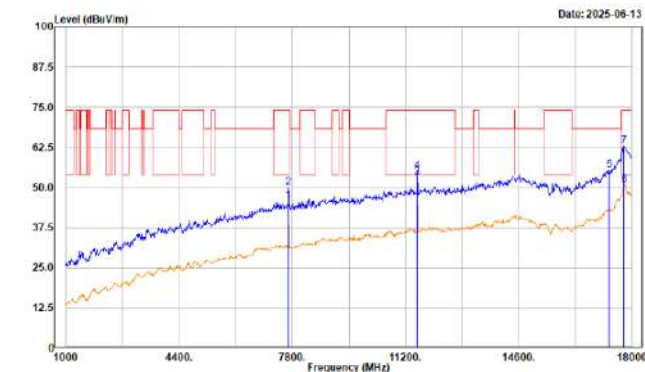


Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7664.000	49.51	1.09	50.60	54.00	-3.40	150	143	Average
7664.000	52.11	1.09	53.20	74.00	-20.80	150	143	Peak
11510.000	44.18	7.53	51.71	54.00	-2.29	172	17	Average
11510.000	47.30	7.53	54.83	74.00	-19.17	172	17	Peak
17265.000	41.66	12.90	54.56	68.20	-13.64	154	325	Peak
17779.000	32.76	18.01	50.77	54.00	-3.23	150	228	Average
17779.000	45.01	18.01	63.02	74.00	-10.98	150	228	Peak

802.11ax HE80 Mode worst case is 5775 MHz

Horizontal

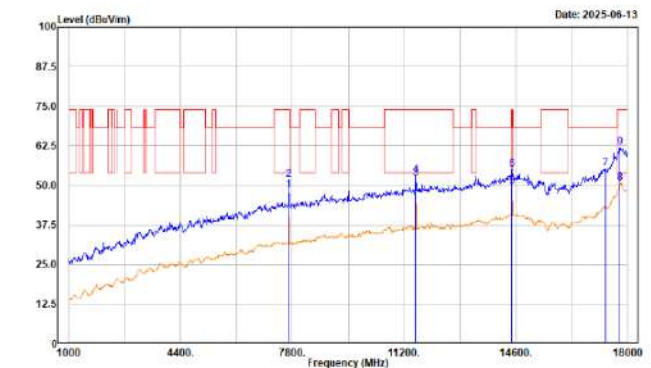
Description: AX80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	44.83	1.01	45.84	54.00	-8.16	150	118	Average
7698.000	48.77	1.01	49.78	74.00	-24.22	150	118	Peak
11550.000	45.45	7.61	53.06	54.00	-0.94	108	3	Average
11550.000	47.39	7.61	55.00	74.00	-19.00	108	3	Peak
17325.000	41.77	13.40	55.17	68.20	-13.03	153	234	Peak
17762.000	32.80	17.91	50.71	54.00	-3.29	150	209	Average
17762.000	45.00	17.91	62.99	74.00	-11.01	150	209	Peak

Vertical

Description: AX80-TX-5775, Peak RBW:1MHz/VBW:3MHz, Avg RBW:1MHz/VBW:1kHz



Freq.	Reading	Factor	Level	Limit	Margin	Height	Degree	Remark
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	(cm)	(°)	
7698.000	47.44	1.01	48.45	54.00	-5.55	150	20	Average
7698.000	50.62	1.01	51.63	74.00	-22.37	150	20	Peak
11550.000	44.57	7.61	52.18	54.00	-1.82	120	3	Average
11550.000	45.59	7.61	53.20	74.00	-20.80	120	3	Peak
14481.000	38.46	11.09	49.55	54.00	-4.45	150	328	Average
14481.000	43.88	11.09	54.97	74.00	-19.03	150	328	Peak
17325.000	41.88	13.40	55.28	68.20	-12.92	147	119	Peak
17762.000	32.83	17.91	50.74	54.00	-3.26	150	226	Average
17762.000	44.22	17.91	62.13	74.00	-11.87	150	226	Peak

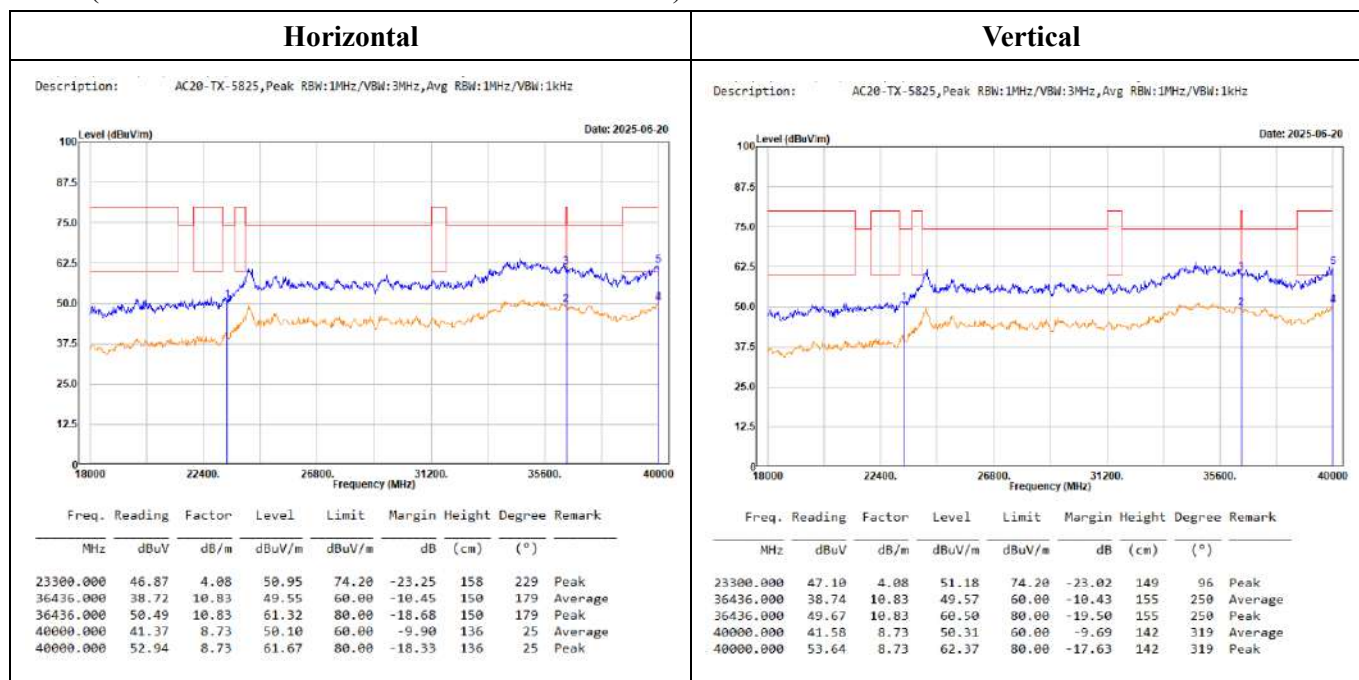
Level = Reading + Factor.

Margin = Level - Limit.

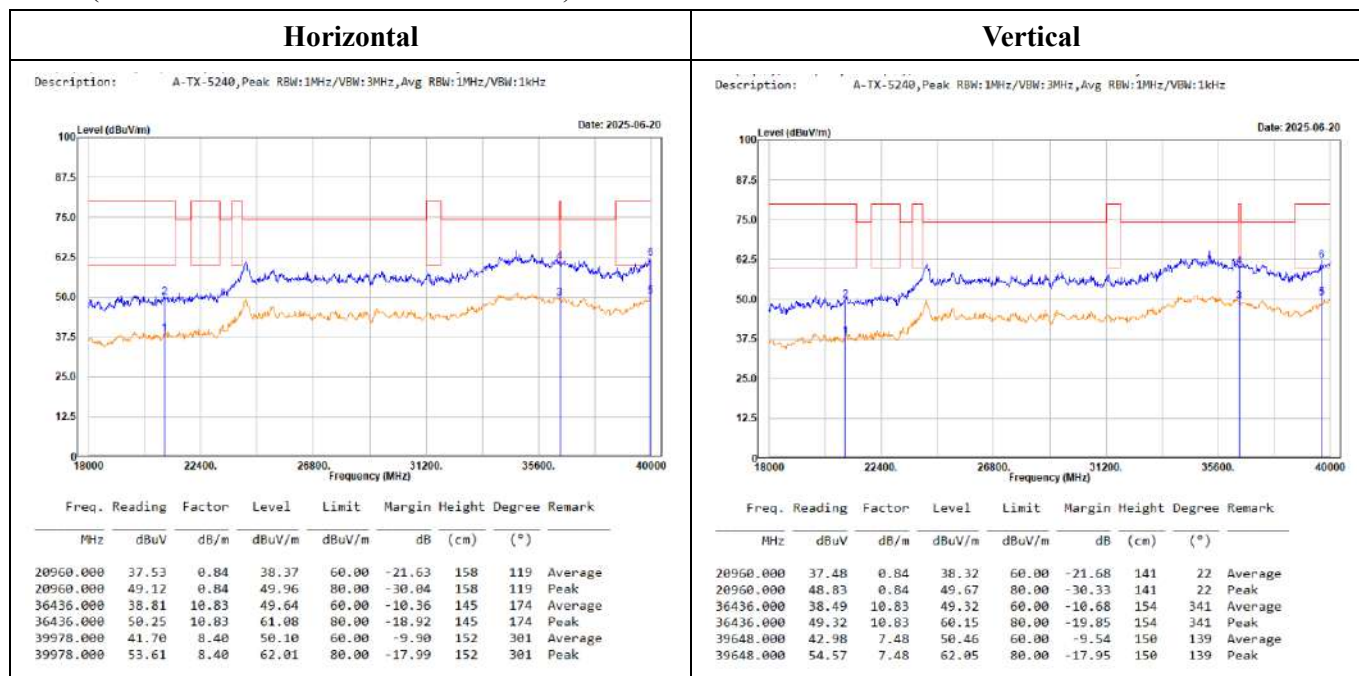
Factor = Antenna Factor + Cable Loss - Amplifier Gain.

18GHz-40GHz:**Beamforming**

(Worst case is 802.11ac VHT20 Mode 5825 MHz)

**Non Beamforming**

(Worst case is 802.11a Mode 5240 MHz)



Level = Reading + Factor.

Margin = Level - Limit.

Factor = Antenna Factor + Cable Loss - Amplifier Gain.

For 18-40GHz Convert the test distance limit of 3 meters to a limit of 1.5 meter:

Conversion factor = $20 \log(1.5\text{m}/3\text{m}) = 6 \text{ dB}$,Average Limit = $54+6 = 60 \text{ dBuV/m}@1.5\text{m}$, Peak Limit = $60+20 = 80 \text{ dBuV/m}@1.5\text{m}$

Note: It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.

(New Taipei Laboratory)