

TEST REPORT

Application No.: KSCR2503000475AT
FCC ID: 2BB6YPSYNCCM1
Applicant: Psync Labs, Inc.
Address of Applicant: 880 W Maude Ave., Ste 172, Sunnyvale, CA 94085
Manufacturer: Psync Labs, Inc.
Address of Manufacturer: 880 W Maude Ave., Ste 172, Sunnyvale, CA 94085
Equipment Under Test (EUT):
EUT Name: Psync Camera MAAX V1
Model No.: PSYNCCM1
Trade Mark: psync
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2025-03-18
Date of Test: 2025-04-10 to 2025-04-17
Date of Issue: 2025-04-28

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

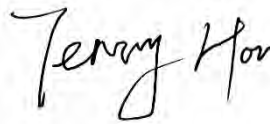
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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Revision Record			
Version	Description	Date	Remark
00	Original	2025-04-28	/

Authorized for issue by:			
Tested By			
		Eric_Liu/Project Engineer	
Approved By			
		Terry Hou /Reviewer	

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Customer Declaration
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Pass

N/A: Not applicable

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.407	ANSI C63.10 (2020) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(6)	Pass
26dB Emission bandwidth		KDB 789033 D02 II C 1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		KDB 789033 D02 II C 2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		KDB 789033 D02 II E	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		KDB 789033 D02 II F	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Frequency Stability		ANSI C63.10 (2020) Section 6.8& RSS-Gen Section 6.11	47 CFR Part 15, Subpart E 15.407 (g)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	47 CFR Part 15, Subpart E 15.407	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	47 CFR Part 15, Subpart E 15.407	Pass

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4 General Information

4.1 Details of E.U.T.

	Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case
Power supply:	DC 12V by adapter Model: KA12H-1201000USH Input: 100-240V~ 50/60Hz Output: 12V 1000mA
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Modulation Type:	802.11a/n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz; 802.11n/ac/ax 40: 40MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	FPC Antenna
Antenna Gain:	B1: 4.75dBi; (Provided by the manufacturer) B2: 5.04dBi; (Provided by the manufacturer) B3: 5.43dBi; (Provided by the manufacturer) B4: 4.85dBi (Provided by the manufacturer)

4.2 Power level setting using in test

Channel	802.11a	802.11n(HT20)/ac(VHT20)	802.11ax(HEW20)
	Ant 1	Ant 2	Ant 1
36	32	34	35
40	36	38	38
48	36	36	37
52	default	default	default
60	default	default	default
64	default	default	default
100	default	default	default
116	default	default	default
140	default	default	default
149	default	default	default
157	default	default	default
165	default	default	default
Channel	802.11n(HT40)/ac(VHT40)	802.11ax(HEW40)	

	Ant 1	Ant 1
38	40	40
46	44	44
54	default	default
62	default	default
102	default	default
110	default	default
134	default	default
151	default	default
159	default	default

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Notebook	LENOVO	K27	EB24537645
Router	NETGEAR	RAX50	/

4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4×10^{-8}
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
9	Radiated Spurious Emission Test	4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		5.1dB (1GHz-18GHz)
		5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.5 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

- **FCC**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

- **ISED**

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 2324E

- **VCCI**

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESCI	KS301196	08/01/2024	07/31/2025
2	LISN	R&S	ENV216	KS301197	01/15/2025	01/14/2026
3	LISN	Schwarzbeck	NNLK 8129	KS301091	01/15/2025	01/14/2026
4	Pulse Limiter	R&S	ESH3-Z2	KUS1902E001	12/05/2024	12/04/2025
5	CE test Cable	Thermax	/	CZ301102	01/14/2025	01/13/2026
6	Test Software	Farad	EZ-EMC	/	N.C.R	N.C.R
RF Conducted Test						
1	Spectrum Analyzer	Keysight	N9020A	KUS1911E004-2	08/01/2024	07/31/2025
2	Spectrum Analyzer	Keysight	N9020A	KUS2001M001-2	08/01/2024	07/31/2025
3	Spectrum Analyzer	Keysight	N9030B	KSEM021-1	01/15/2025	01/14/2026
4	Signal Generator	R&S	SMBV100B	KSEM032	02/19/2025	02/18/2026
5	Signal Generator	R&S	SMW200A	KSEM020-1	08/02/2024	08/01/2025
6	Signal Generator	Agilent	N5182A	KUS2001M001-1	08/01/2024	07/31/2025
7	Radio Communication Test Station	Anritsu	MT8000A	KSEM001-1	08/01/2024	07/31/2025
8	Radio Communication Analyzer	Anritsu	MT8821C	KSEM002-1	02/19/2025	02/18/2026
9	Universal Radio Communication Tester	R&S	CMW500	KUS1911E004-1	08/13/2024	08/12/2025
10	Switcher	TST	FY562	KUS2001M001-4	01/15/2025	01/14/2026
11	AC Power Source	EXTECH	6605	KS301178	N.C.R	N.C.R
12	DC Power Supply	Aglient	E3632A	KS301180	N.C.R	N.C.R
13	Conducted Test Cable	Thermax	RF01-RF04	CZ301111-CZ301120	01/14/2025	01/13/2026
14	Temp. / Humidity Chamber	TERCHY	MHK-120AK	KSES104904	09/02/2024	09/01/2025
15	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-5	02/26/2025	02/25/2026
16	Software	BST	TST-PASS	/	NCR	NCR
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/06/2024	08/05/2025
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	02/18/2025	02/17/2026
3	Signal Generator	Agilent	E8257C	KS301066	08/06/2024	08/05/2025
4	Loop Antenna	COM-POWER	AL-130R	KUS1806E001	03/01/2025	02/28/2027
5	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E005	06/29/2023	06/28/2025
6	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	KS301079	03/23/2024	03/22/2026
8	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	CZ301058	01/07/2024	01/06/2026
9	Amplifier(30MHz~18GHz)	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-1	01/15/2025	01/14/2026
10	Amplifier(18~40GHz)	PANSHAN TECHNOLOGY	LNA180400G40	KSEM038	08/12/2024	08/11/2025
11	RE Test Cable	REBES MICROWAVE	/	CZ301097	08/23/2024	08/22/2025
12	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	02/26/2025	02/25/2026
13	Software	Faratronic	EZ_EM-C-v 3A1	/	NCR	NCR
14	Software	ESE	E3_V 6.111221a	/	NCR	NCR

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is FPC Antenna and no consideration of replacement. The best case gain of the B1: 4.75dBi; B2: 5.04dBi; B3: 5.43dBi; B4: 4.85dBi.

Antenna location: Refer to internal photo.

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2020) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50
*Decreases with the logarithm of the frequency.		

7.1.1 E.U.T. Operation

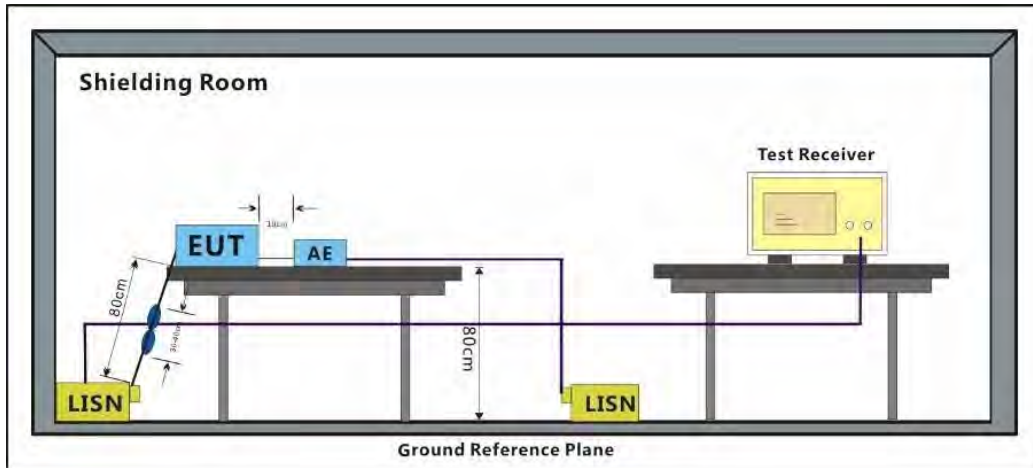
Operating Environment:

Temperature: °C Humidity: % RH Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Pre-scan	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.
Pre-scan	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.
Pre-scan	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

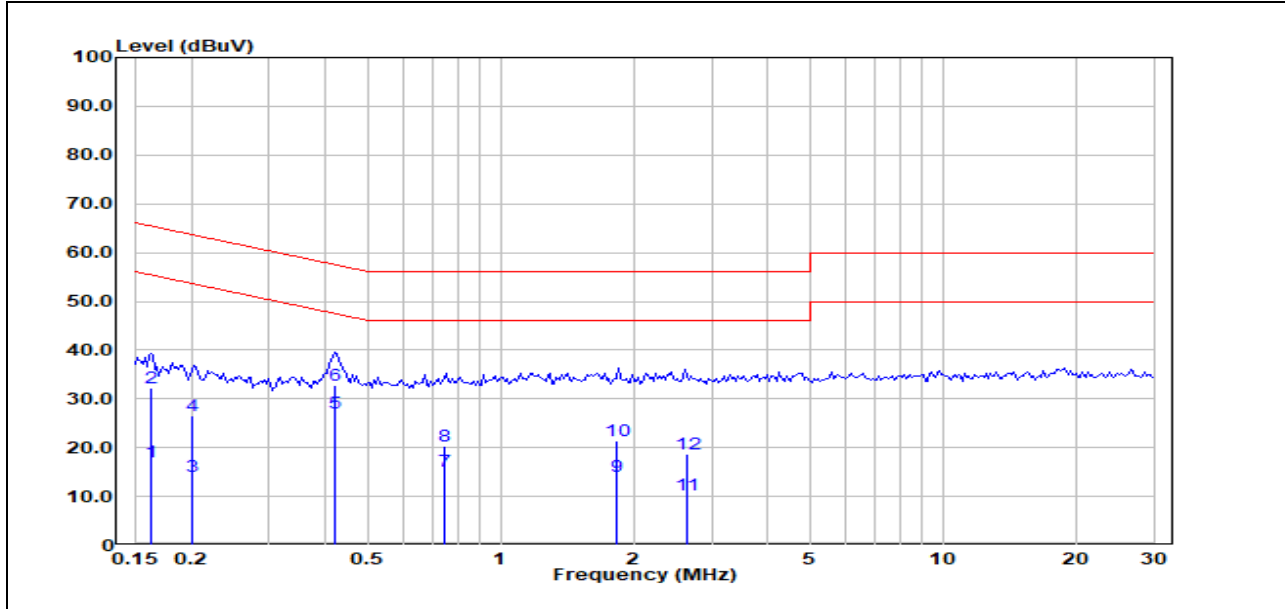
- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 50\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark 1: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{LISN Factor}$

Remark 2: Pre-test AC 120V/50-60Hz & AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

Test Mode: 01; Line: Live line

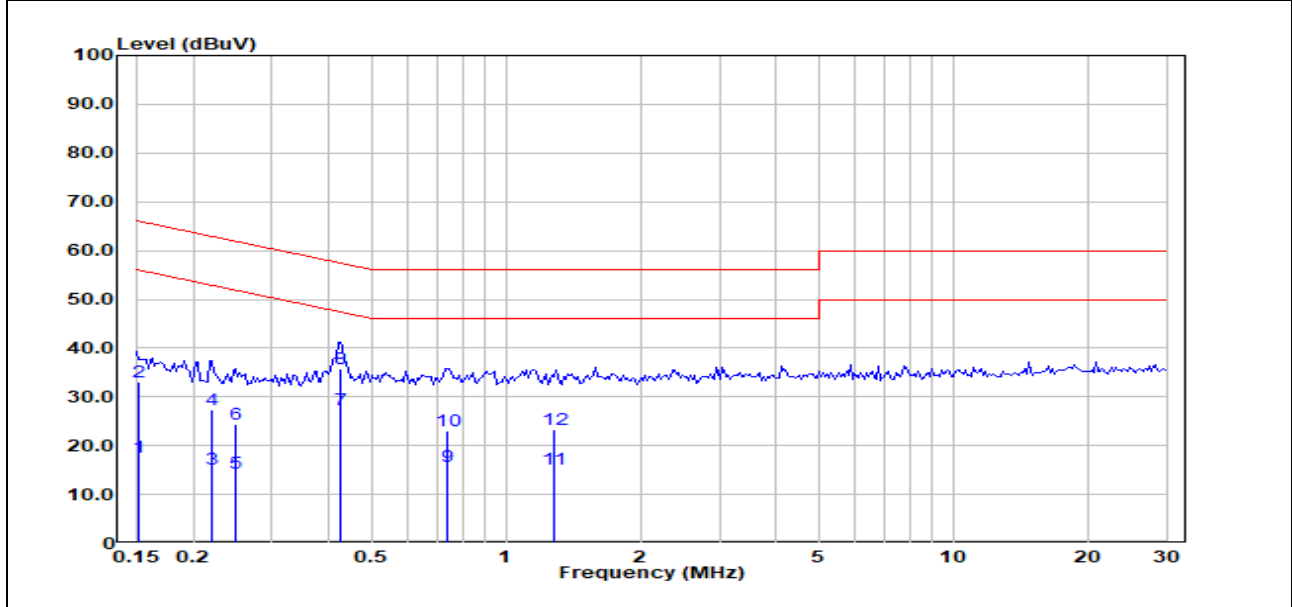
Test Data :



No.	Frequency (MHz)	Reading (dBUV)	Correct Factor(dB)	Result (dBUV)	Limit (dBUV)	Margin (dB)	Remark
1	0.1618	-3.15	20.20	17.05	55.37	-38.32	Average
2	0.1618	12.04	20.20	32.24	65.37	-33.13	QP
3	0.2000	-6.00	20.05	14.05	53.61	-39.56	Average
4	0.2000	6.54	20.05	26.59	63.61	-37.02	QP
5	0.4230	7.09	20.06	27.15	47.39	-20.24	Average
6	0.4230	12.75	20.06	32.81	57.39	-24.58	QP
7	0.7503	-4.51	19.78	15.27	46.00	-30.73	Average
8	0.7503	0.46	19.78	20.24	56.00	-35.76	QP
9	1.8370	-6.04	20.04	14.00	46.00	-32.00	Average
10	1.8370	1.26	20.04	21.30	56.00	-34.70	QP
11	2.6340	-9.56	19.93	10.37	46.00	-35.63	Average
12	2.6340	-1.35	19.93	18.58	56.00	-37.42	QP

Test Mode: 01; Line: Neutral Line

Test Data :



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1509	-2.27	19.96	17.69	55.95	-38.26	Average
2	0.1509	13.08	19.96	33.04	65.95	-32.91	QP
3	0.2192	-4.83	19.93	15.10	52.85	-37.75	Average
4	0.2192	7.48	19.93	27.41	62.85	-35.44	QP
5	0.2496	-5.56	19.93	14.37	51.77	-37.40	Average
6	0.2496	4.51	19.93	24.44	61.77	-37.33	QP
7	0.4249	7.34	19.90	27.24	47.35	-20.11	Average
8	0.4249	15.74	19.90	35.64	57.35	-21.71	QP
9	0.7428	-4.25	19.94	15.69	46.00	-30.31	Average
10	0.7428	3.05	19.94	22.99	56.00	-33.01	QP
11	1.2800	-4.73	19.88	15.15	46.00	-30.85	Average
12	1.2800	3.37	19.88	23.25	56.00	-32.75	QP

7.2 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.3

Limit:

Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

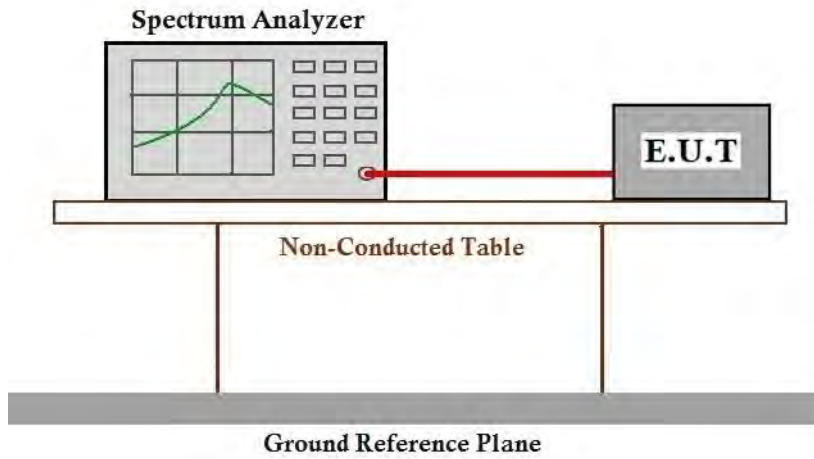
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details

7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.4,6.5

Measurement Distance: 3M

Limit:

Frequency(MHz)	Field strength(microvolts/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
960-1000	500	3

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.3 °C

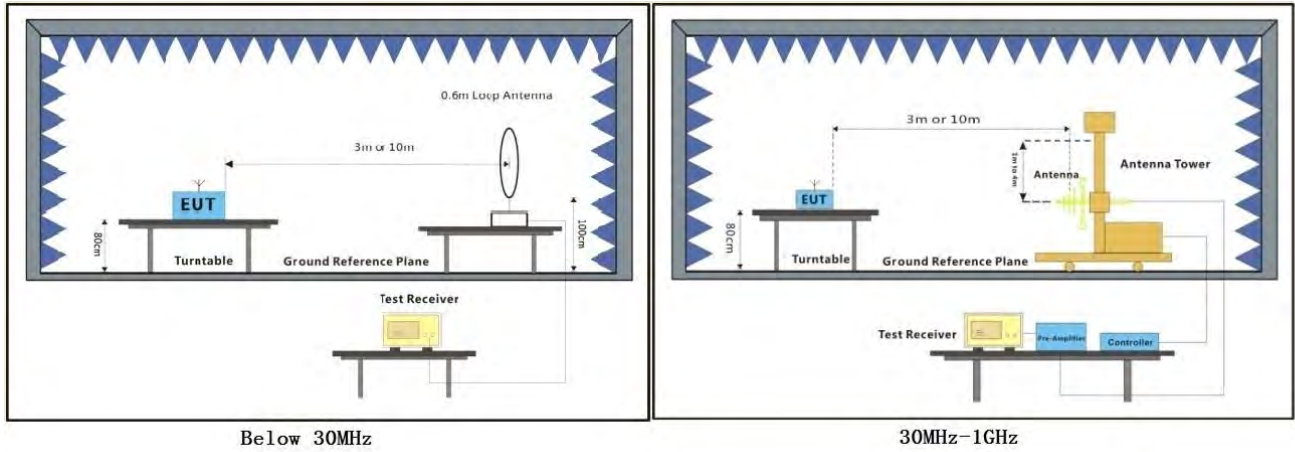
Humidity: 45.2 % RH

Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Pre-scan	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.
Pre-scan	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.
Pre-scan	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

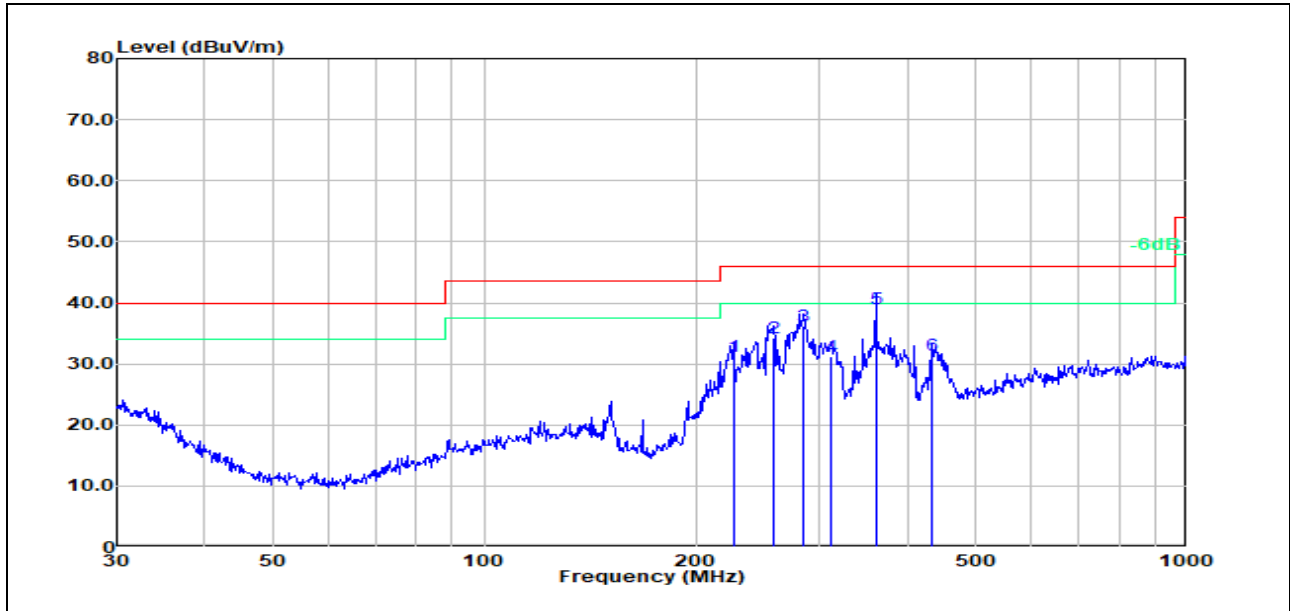
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

Test Mode: 01; Polarity: Horizontal

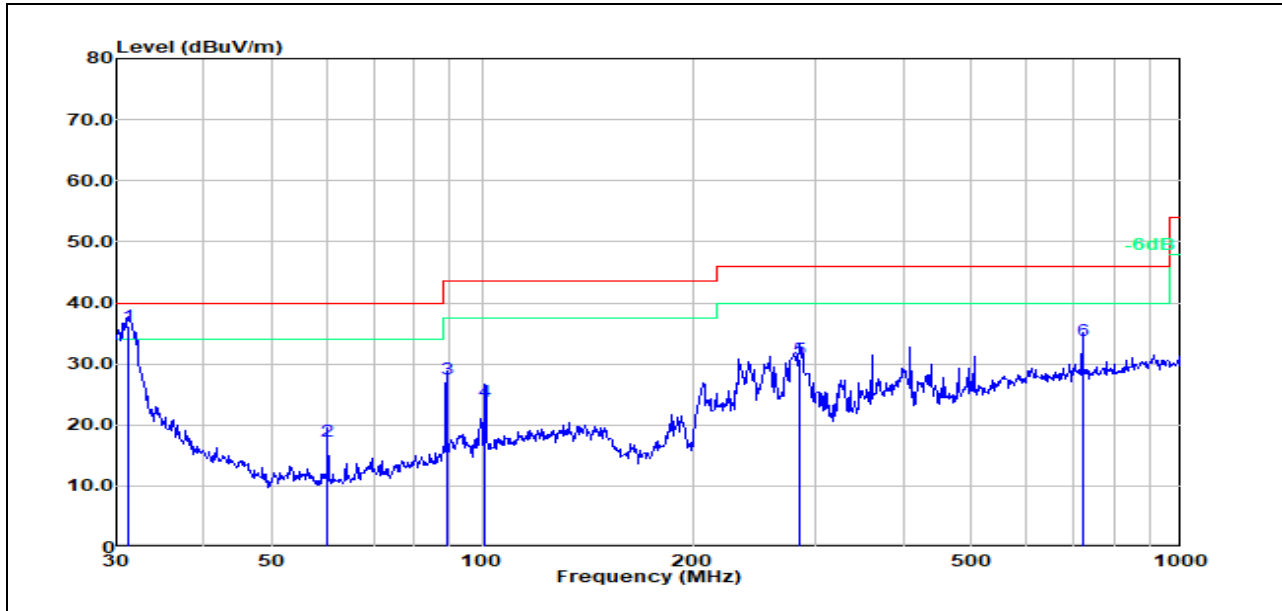
Test Data :



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	226.0994	18.51	12.81	31.32	46.00	-14.68	100	0	QP
2	258.3264	19.39	14.87	34.26	46.00	-11.74	100	335	QP
3	283.9792	20.51	15.69	36.20	46.00	-9.80	100	37	QP
4	311.0866	15.28	16.00	31.28	46.00	-14.72	100	44	QP
5	360.4477	22.10	16.89	38.99	46.00	-7.01	200	351	QP
6	434.0651	12.55	18.82	31.37	46.00	-14.63	100	163	QP

Test Mode: 01; Polarity: Vertical

Test Data :



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	31.2893	17.88	18.34	36.22	40.00	-3.78	100	145	QP
2	60.0691	11.22	6.18	17.40	40.00	-22.60	100	104	QP
3	88.9639	15.99	11.59	27.58	43.50	-15.92	100	360	QP
4	100.9340	10.99	12.77	23.76	43.50	-19.74	200	91	QP
5	283.9792	15.09	15.69	30.78	46.00	-15.22	100	52	QP
6	721.7259	9.74	24.16	33.90	46.00	-12.10	100	145	QP

7.4 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.6

Measurement Distance: 3M

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 23.3 °C

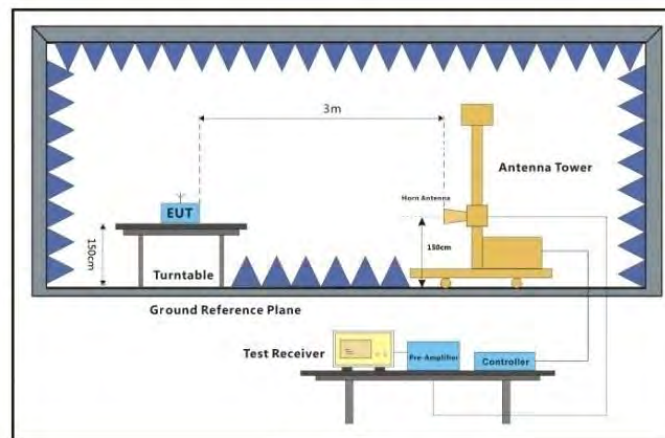
Humidity: 45.2 % RH

Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



Above 1GHz

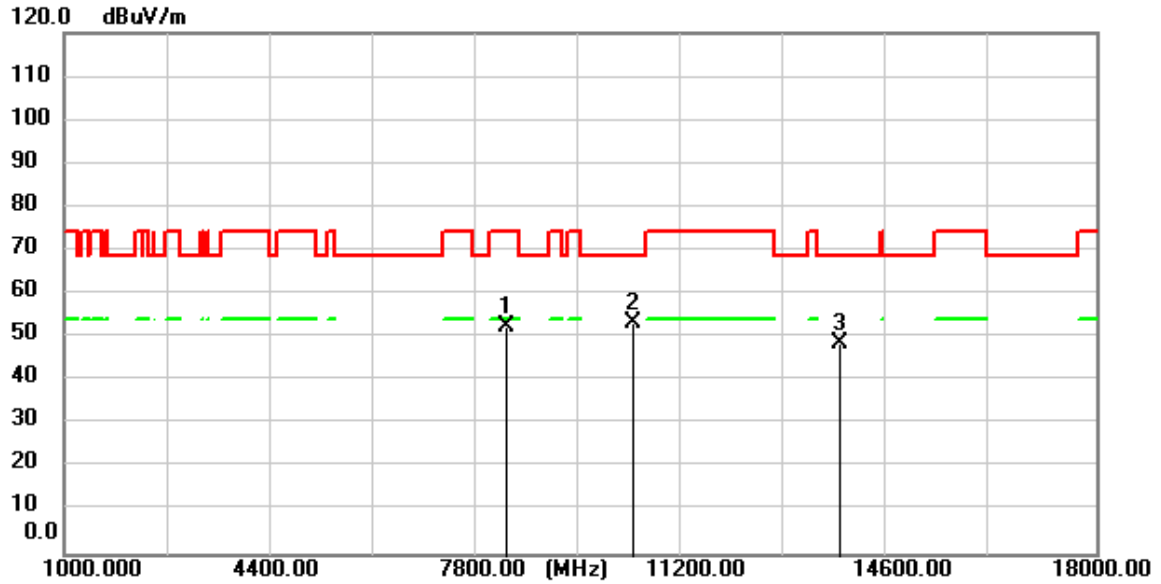
7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

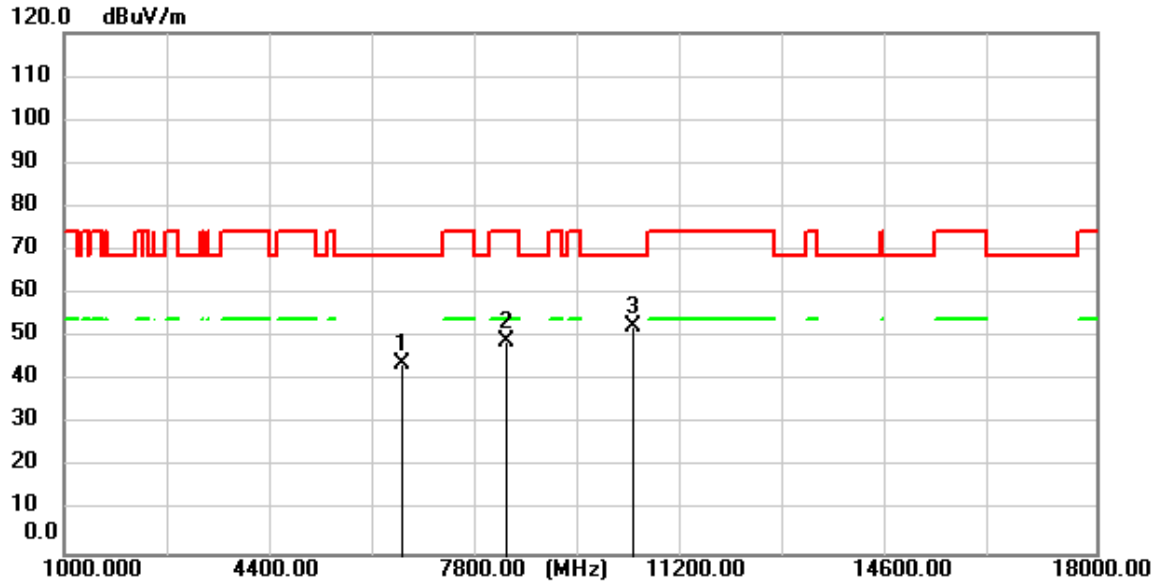
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.
6. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



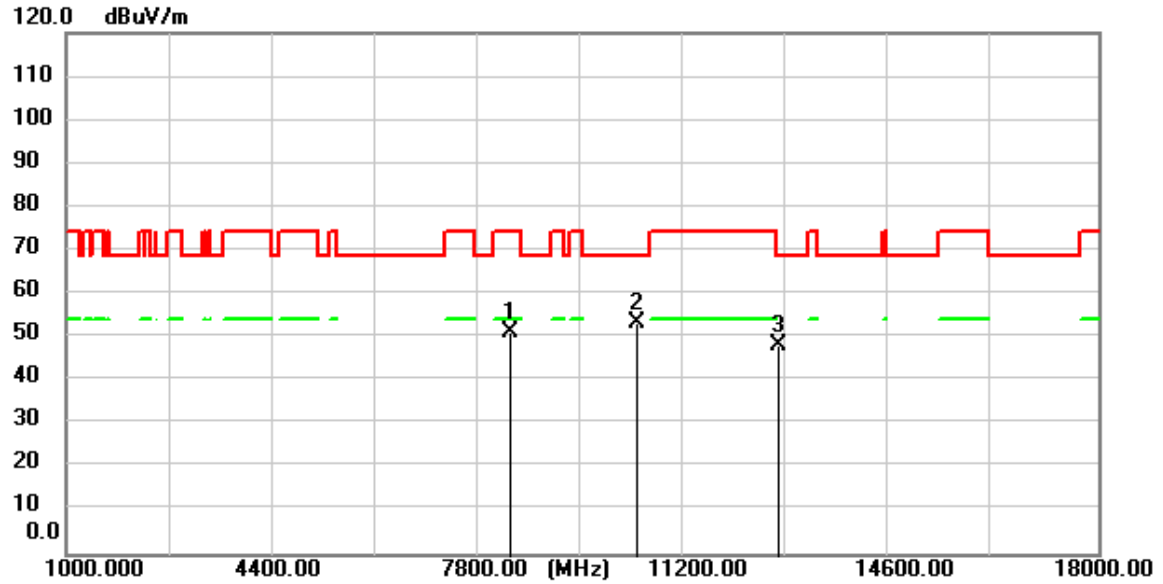
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.900	61.18	-8.86	52.32	74.00	-21.68	peak
2	10357.650	59.02	-5.87	53.15	68.30	-15.15	peak
3	13772.950	54.20	-5.41	48.79	68.30	-19.51	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



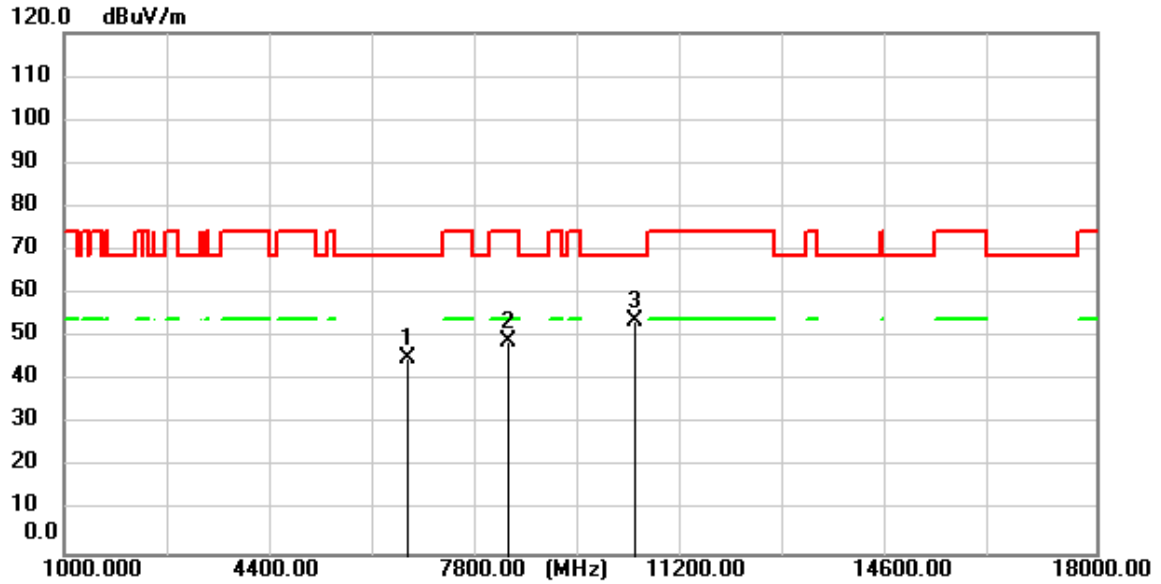
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6570.900	55.12	-11.16	43.96	68.30	-24.34	peak
2	8287.900	57.95	-8.86	49.09	74.00	-24.91	peak
3	10361.050	58.23	-5.88	52.35	68.30	-15.95	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

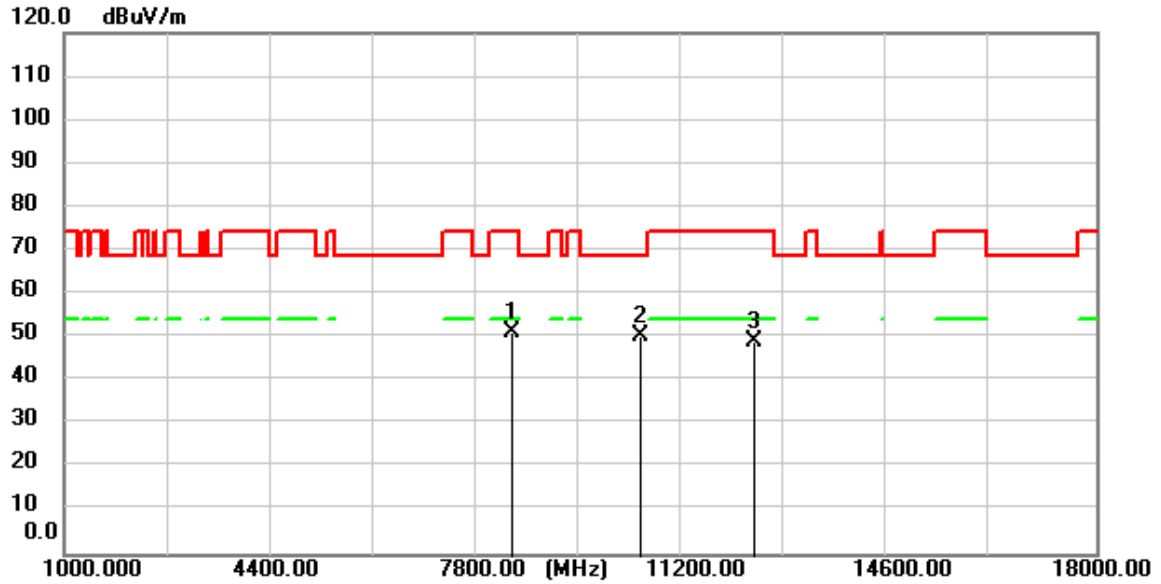


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8320.200	60.13	-8.81	51.32	74.00	-22.68	peak
2	10395.900	59.29	-5.91	53.38	68.30	-14.92	peak
3	12741.900	54.12	-6.03	48.09	68.30	-20.21	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

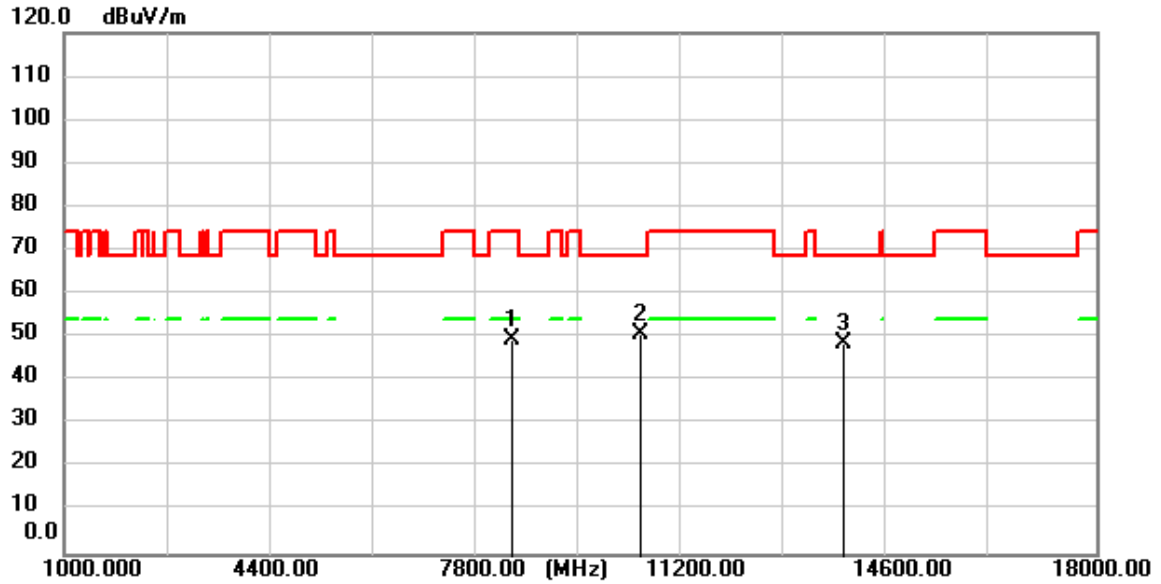


Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



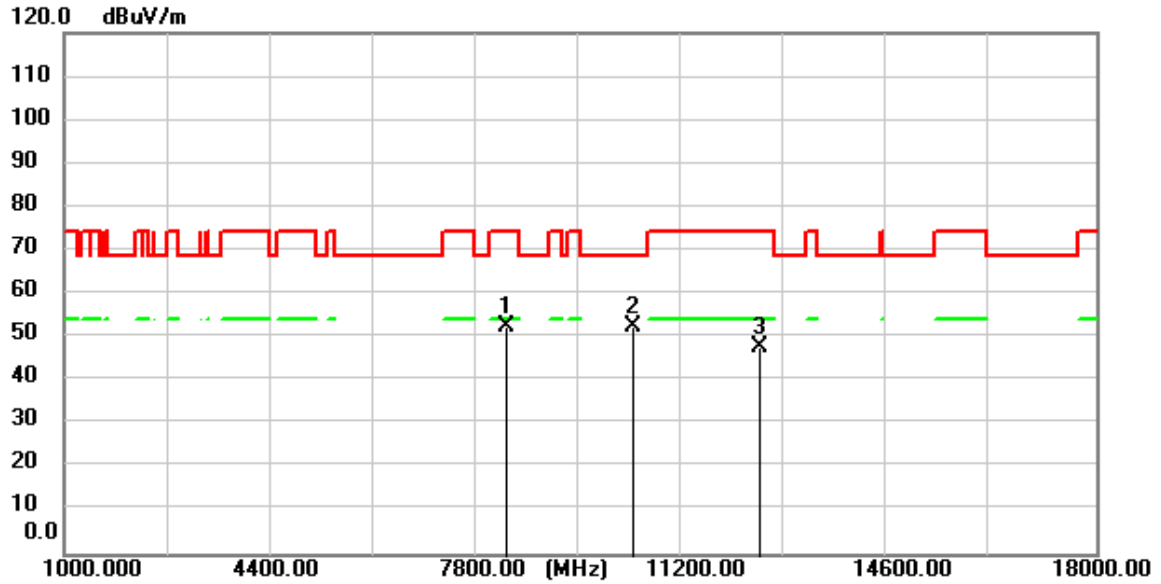
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8383.950	60.14	-8.72	51.42	74.00	-22.58	peak
2	10473.250	56.34	-5.98	50.36	68.30	-17.94	peak
3	12361.100	55.50	-6.22	49.28	74.00	-24.72	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



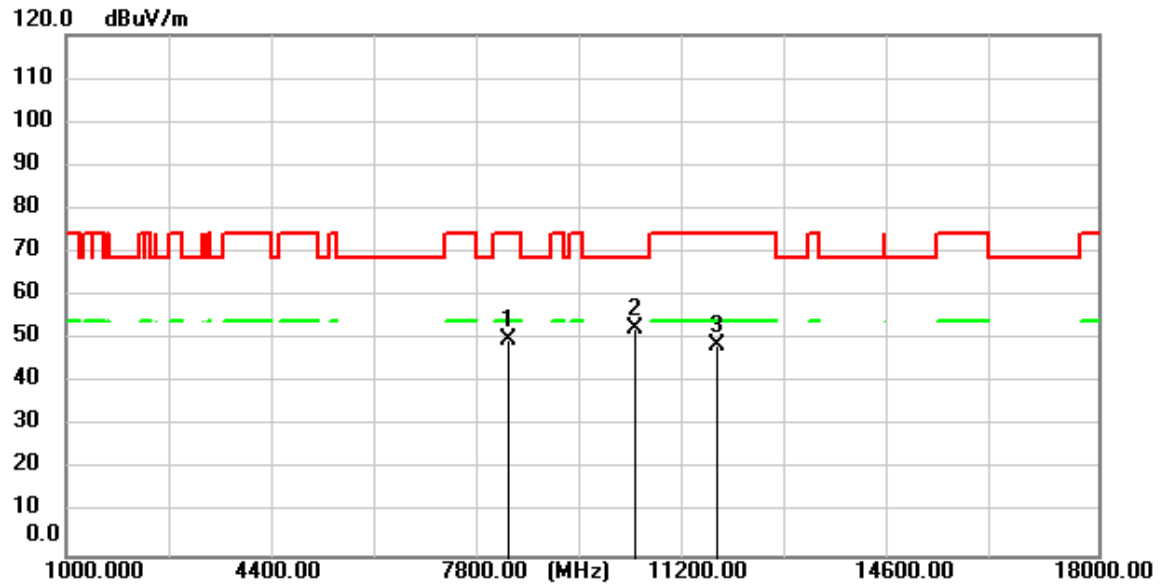
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8383.950	58.11	-8.72	49.39	74.00	-24.61	peak
2	10478.350	56.70	-5.98	50.72	68.30	-17.58	peak
3	13829.050	54.18	-5.38	48.80	68.30	-19.50	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



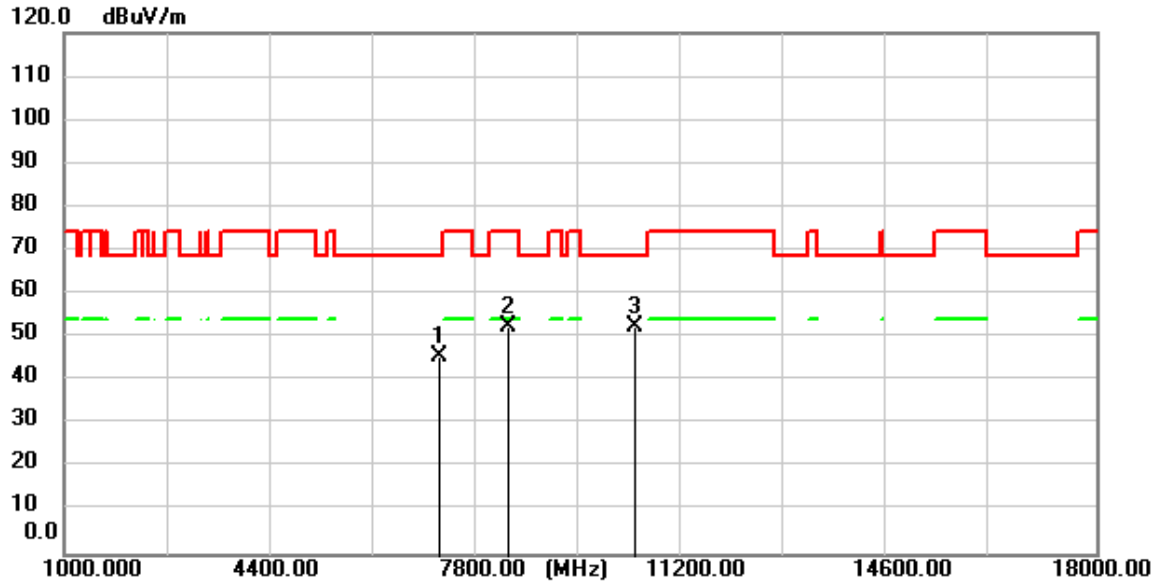
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.900	61.54	-8.86	52.68	74.00	-21.32	peak
2	10358.500	58.40	-5.87	52.53	68.30	-15.77	peak
3	12463.950	54.08	-6.18	47.90	74.00	-26.10	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



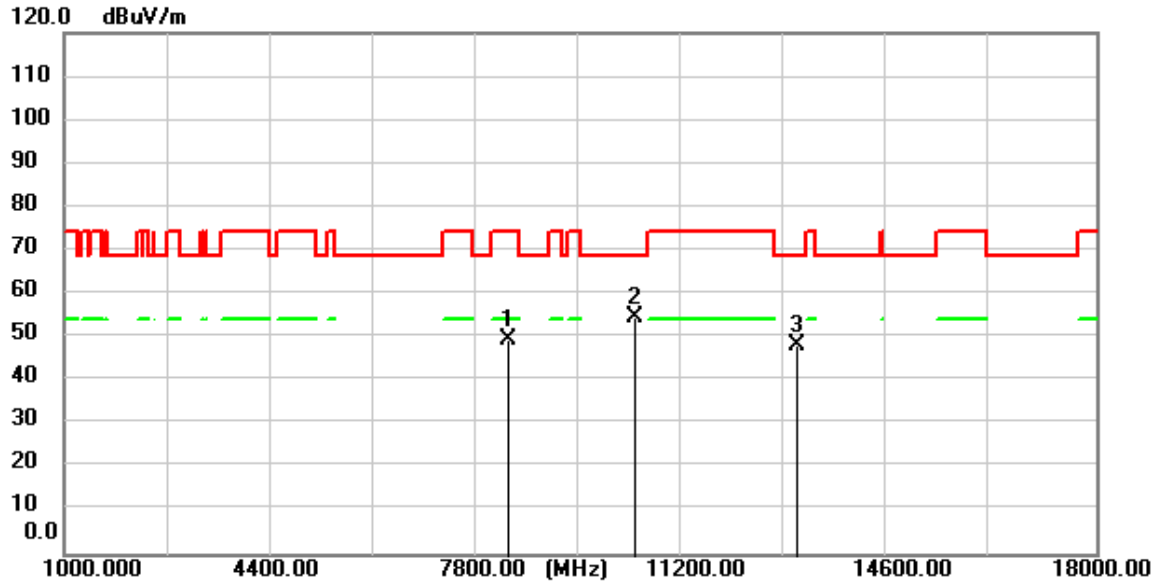
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.900	58.78	-8.86	49.92	74.00	-24.08	peak
2	10354.250	58.33	-5.87	52.46	68.30	-15.84	peak
3	11718.500	55.29	-6.47	48.82	74.00	-25.18	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



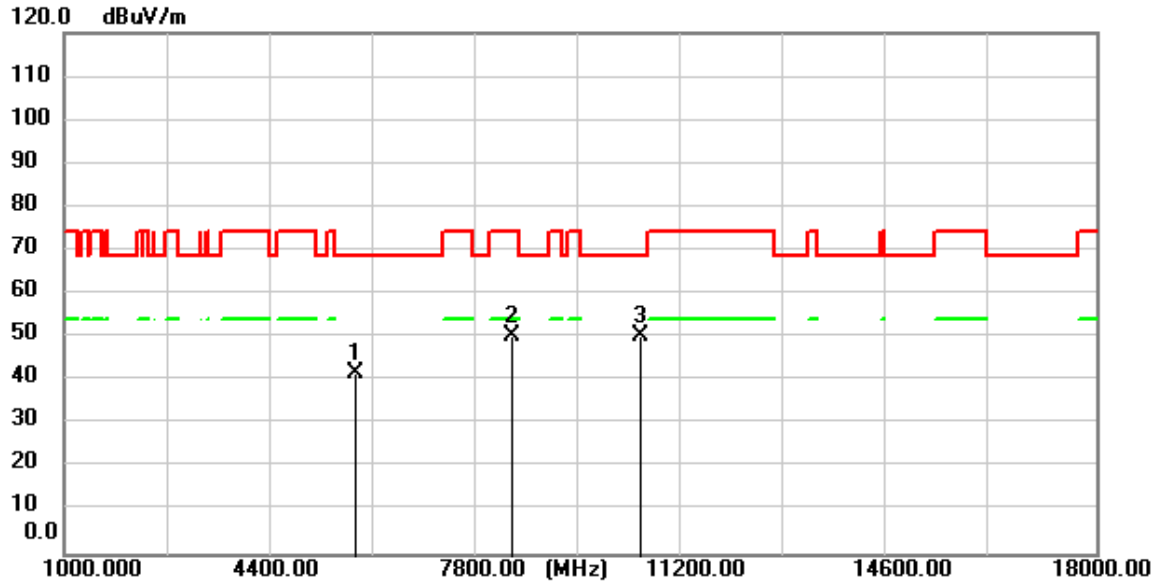
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7177.800	55.78	-10.05	45.73	68.30	-22.57	peak
2	8320.200	61.40	-8.81	52.59	74.00	-21.41	peak
3	10400.150	58.47	-5.91	52.56	68.30	-15.74	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



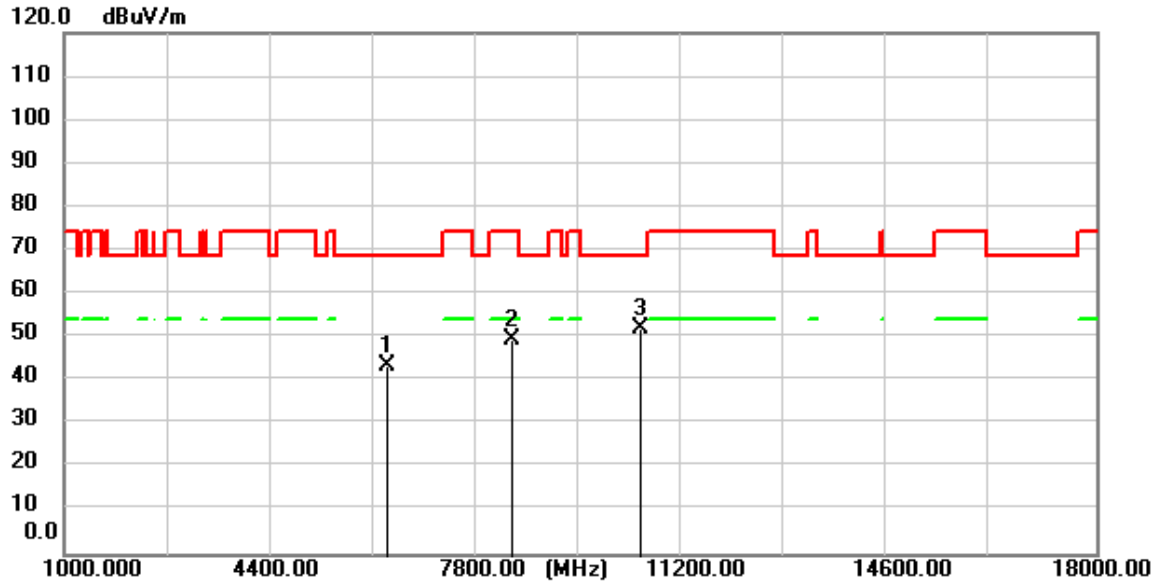
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8320.200	58.16	-8.81	49.35	74.00	-24.65	peak
2	10395.900	60.73	-5.91	54.82	68.30	-13.48	peak
3	13073.400	53.99	-5.79	48.20	68.30	-20.10	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



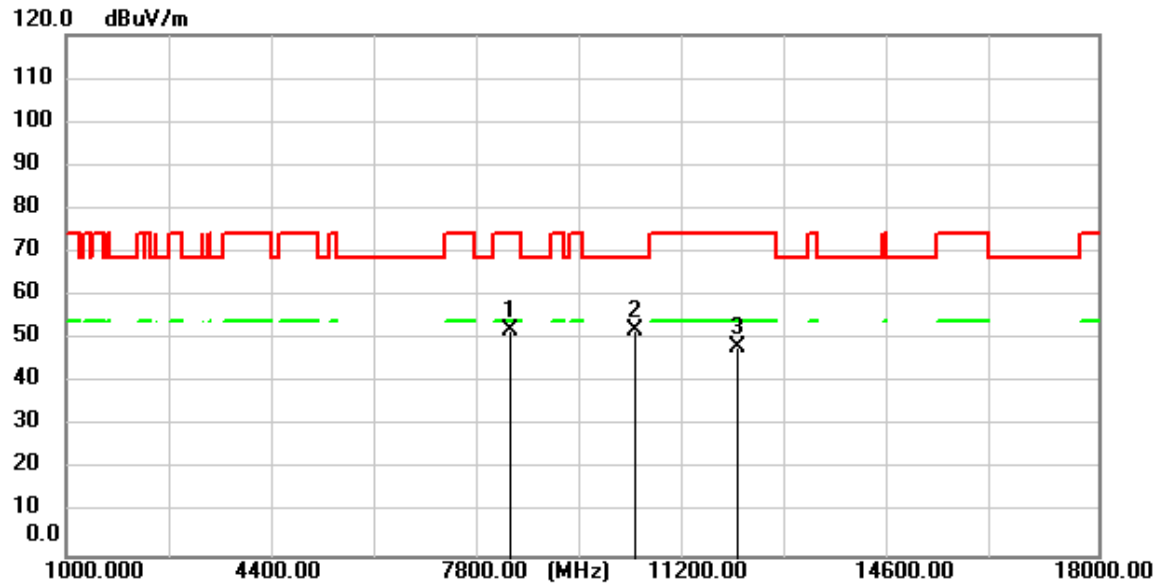
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5795.700	56.59	-14.68	41.91	68.30	-26.39	peak
2	8383.950	59.25	-8.72	50.53	74.00	-23.47	peak
3	10473.250	56.36	-5.98	50.38	68.30	-17.92	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



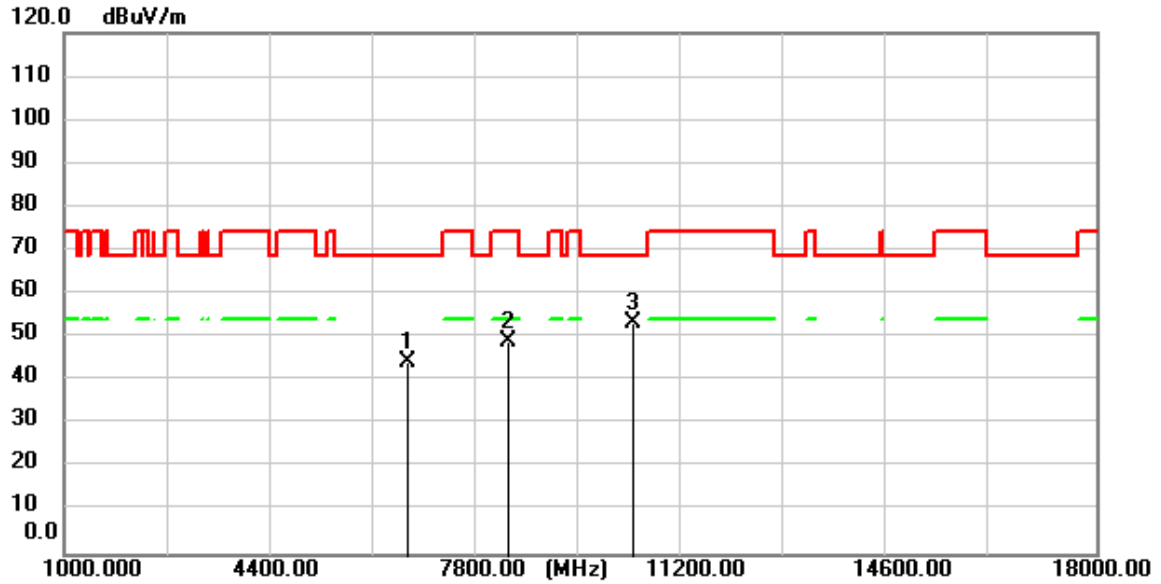
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6338.000	55.90	-12.25	43.65	68.30	-24.65	peak
2	8383.950	58.38	-8.72	49.66	74.00	-24.34	peak
3	10480.900	58.11	-5.98	52.13	68.30	-16.17	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



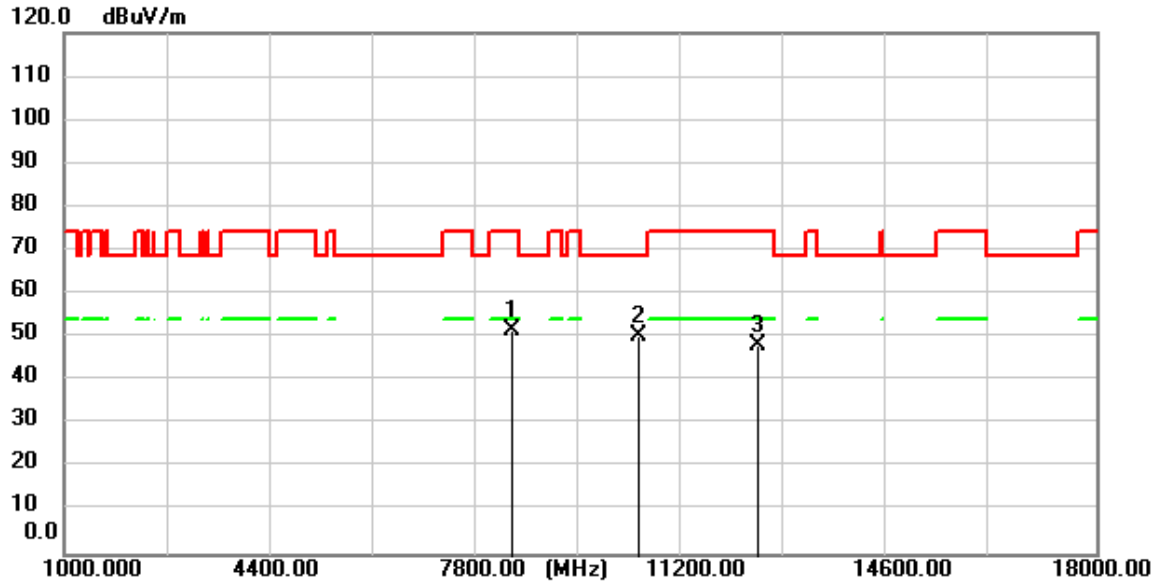
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8304.050	60.76	-8.84	51.92	74.00	-22.08	peak
2	10378.900	57.82	-5.89	51.93	68.30	-16.37	peak
3	12063.600	54.54	-6.39	48.15	74.00	-25.85	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



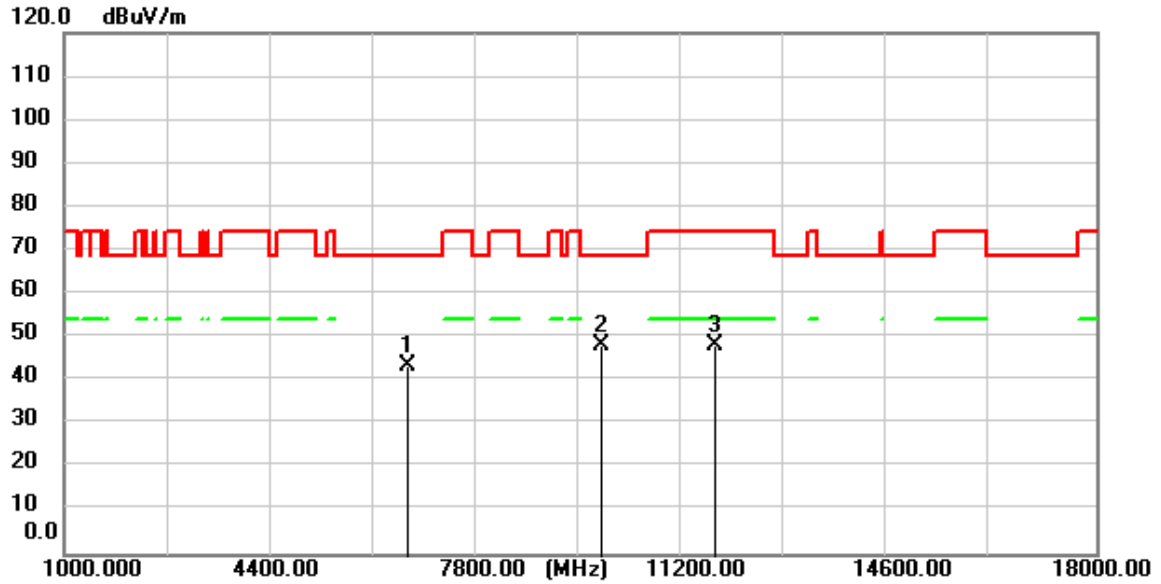
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6645.700	55.08	-10.81	44.27	68.30	-24.03	peak
2	8304.050	57.84	-8.84	49.00	74.00	-25.00	peak
3	10383.150	59.28	-5.90	53.38	68.30	-14.92	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



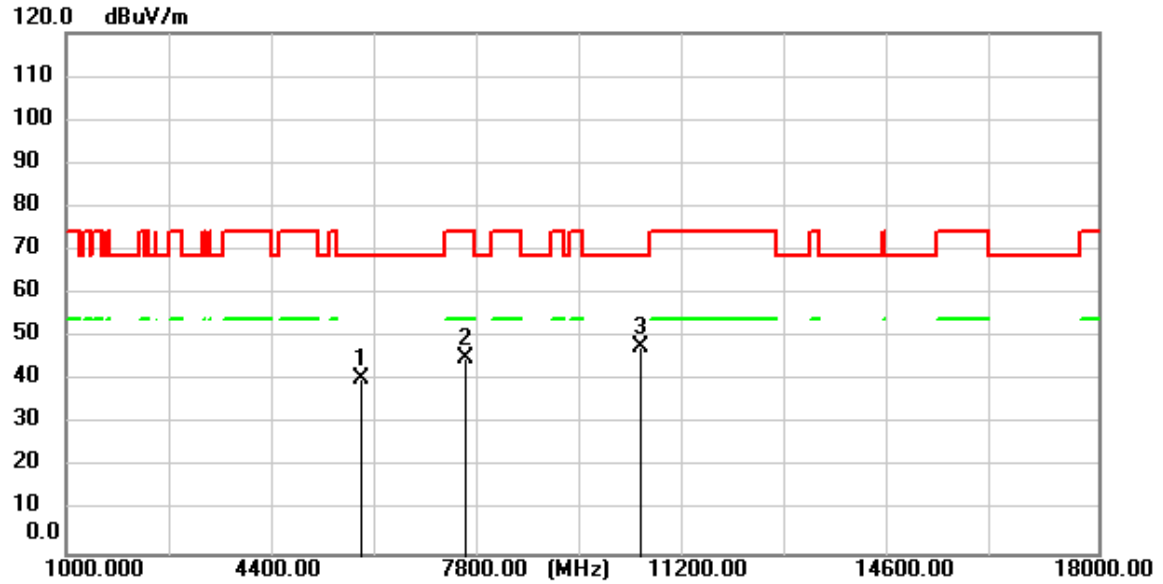
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8367.800	60.52	-8.74	51.78	74.00	-22.22	peak
2	10459.650	56.47	-5.96	50.51	68.30	-17.79	peak
3	12422.300	54.36	-6.19	48.17	74.00	-25.83	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



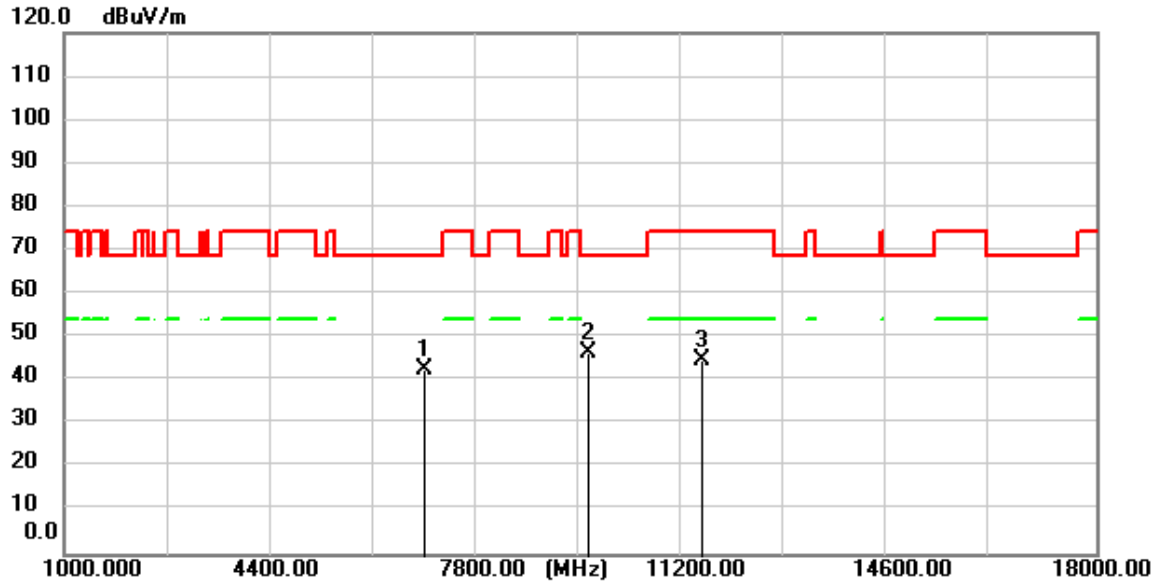
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6650.800	54.27	-10.78	43.49	68.30	-24.81	peak
2	9844.250	54.00	-5.65	48.35	68.30	-19.95	peak
3	11718.500	54.87	-6.47	48.40	74.00	-25.60	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



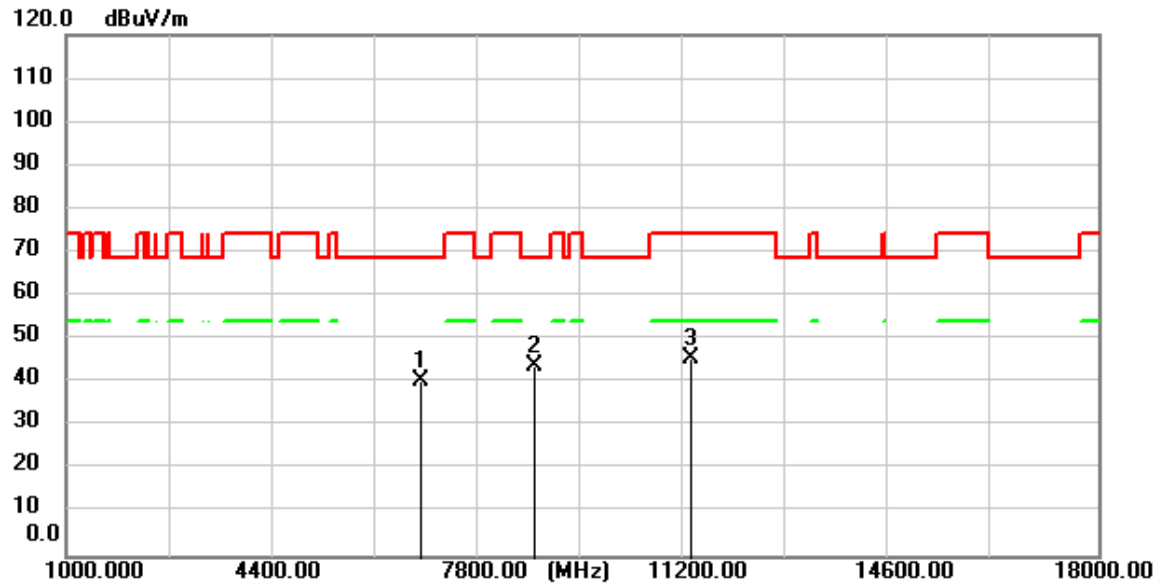
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5878.150	54.95	-14.31	40.64	68.30	-27.66	peak
2	7573.050	54.98	-9.79	45.19	74.00	-28.81	peak
3	10457.100	53.93	-5.95	47.98	68.30	-20.32	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



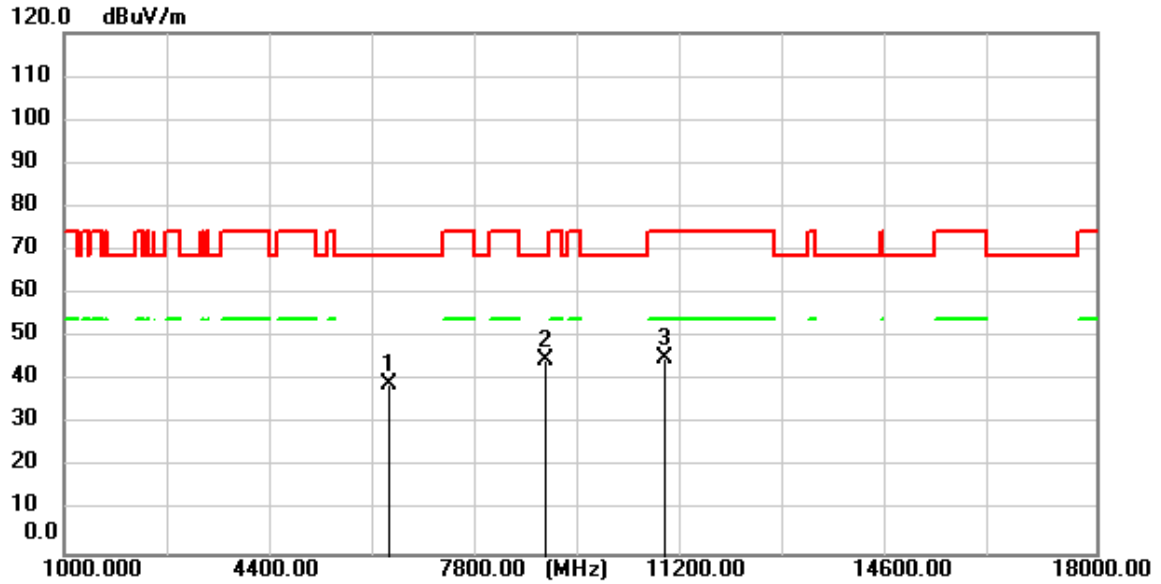
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6950.000	52.77	-10.16	42.61	68.30	-25.69	peak
2	9633.450	52.73	-6.19	46.54	68.30	-21.76	peak
3	11502.600	51.42	-6.45	44.97	74.00	-29.03	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



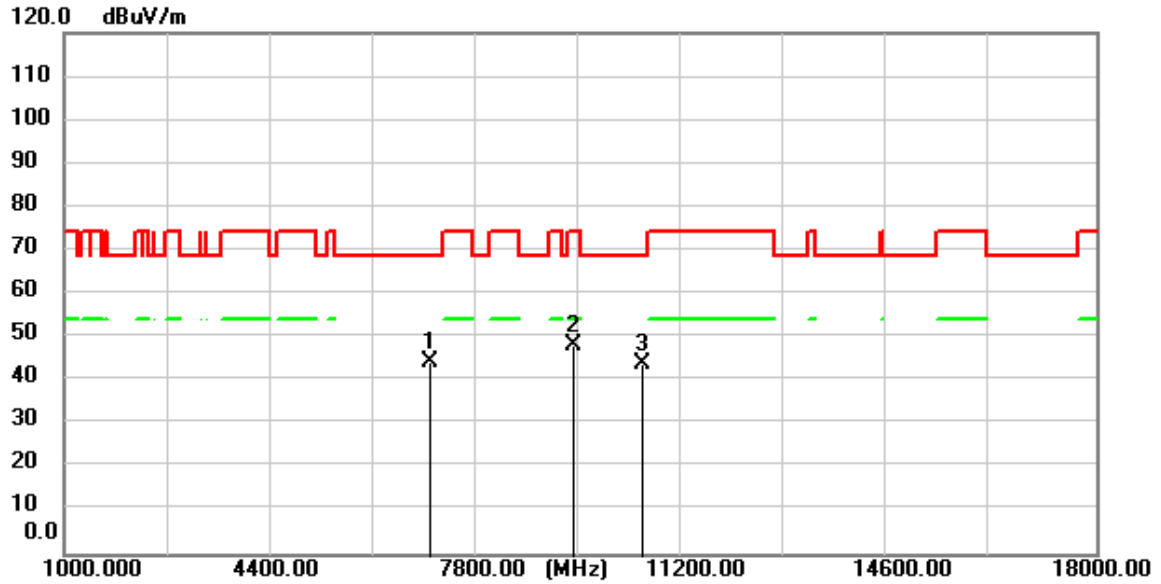
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6818.250	50.94	-10.32	40.62	68.30	-27.68	peak
2	8711.200	52.31	-8.24	44.07	68.30	-24.23	peak
3	11290.950	52.29	-6.44	45.85	74.00	-28.15	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



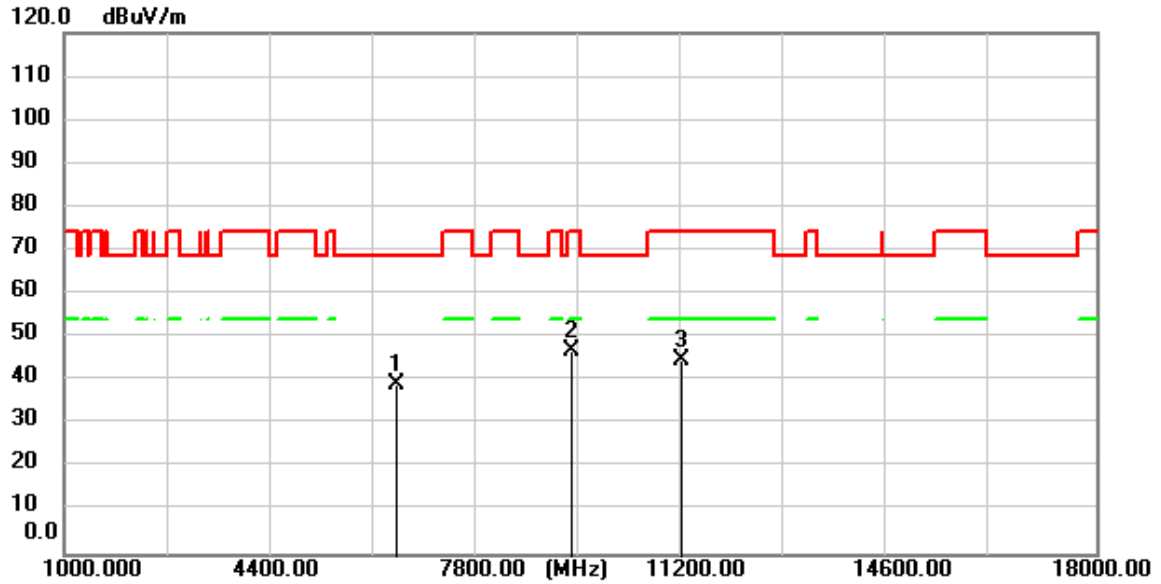
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6355.000	51.25	-12.17	39.08	68.30	-29.22	peak
2	8938.150	52.88	-7.91	44.97	68.30	-23.33	peak
3	10881.250	51.51	-6.32	45.19	74.00	-28.81	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



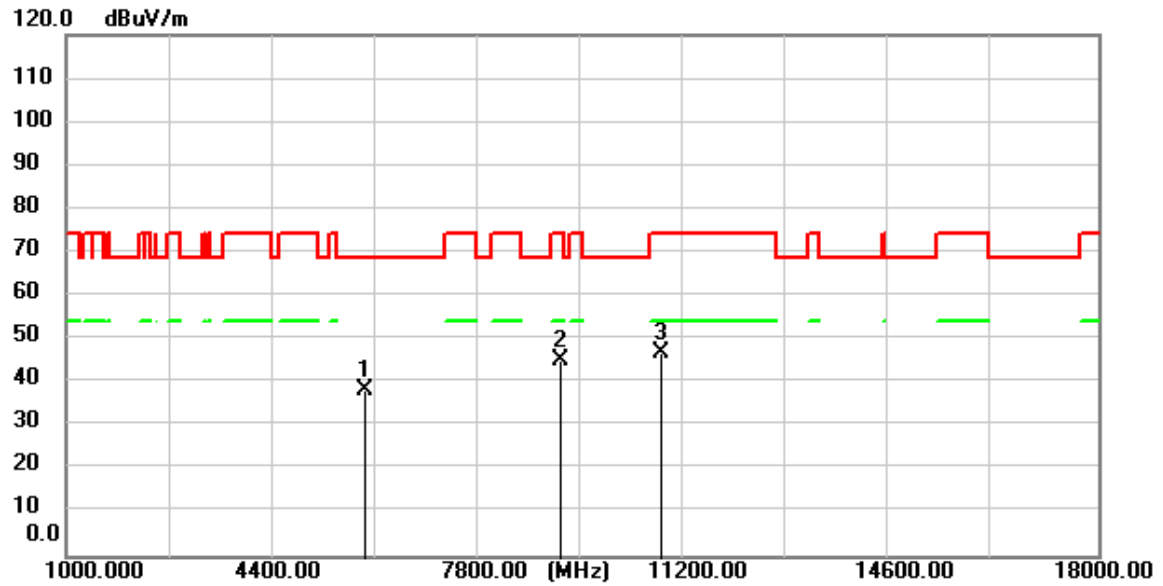
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7035.000	54.31	-10.08	44.23	68.30	-24.07	peak
2	9381.850	54.90	-6.82	48.08	74.00	-25.92	peak
3	10531.050	49.95	-6.02	43.93	68.30	-24.37	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



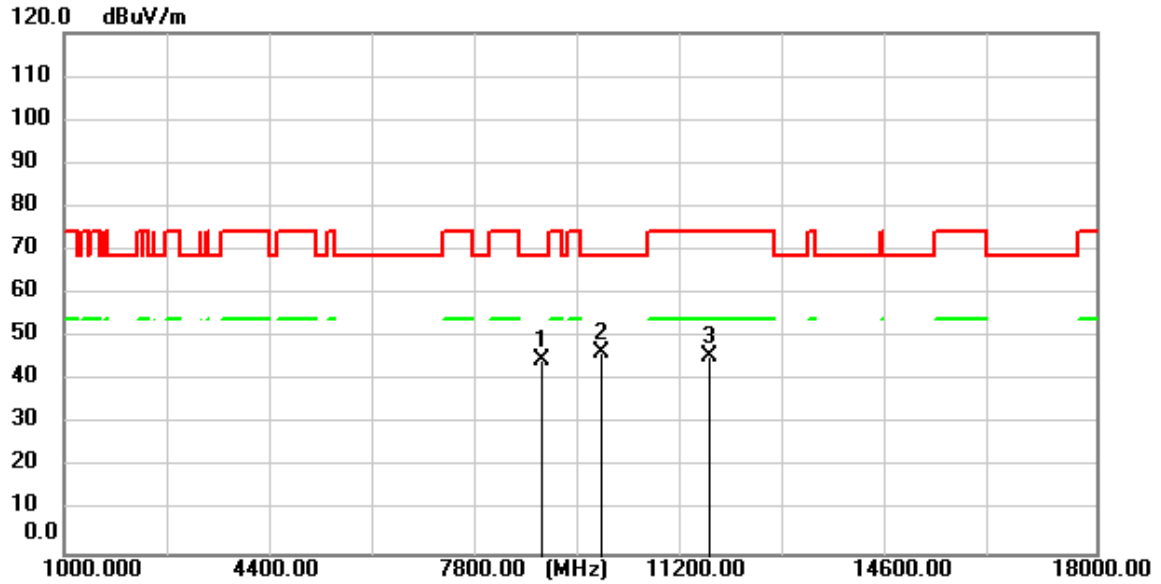
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6463.800	50.82	-11.66	39.16	68.30	-29.14	peak
2	9363.150	53.67	-6.87	46.80	74.00	-27.20	peak
3	11164.300	51.30	-6.43	44.87	74.00	-29.13	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



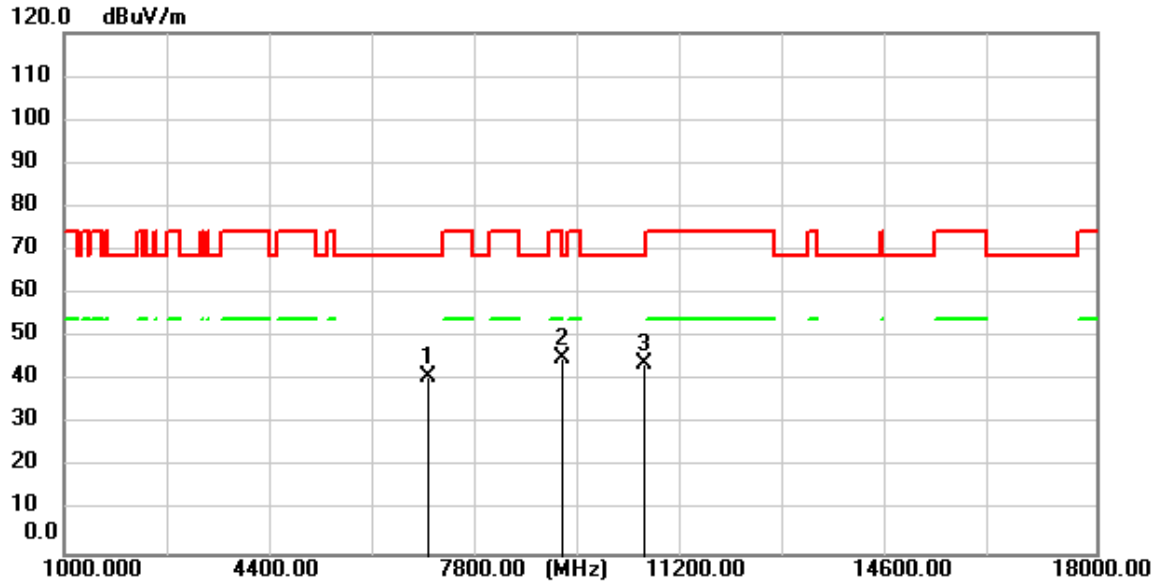
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5927.450	52.30	-14.10	38.20	68.30	-30.10	peak
2	9152.350	52.61	-7.41	45.20	74.00	-28.80	peak
3	10783.500	53.08	-6.23	46.85	74.00	-27.15	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



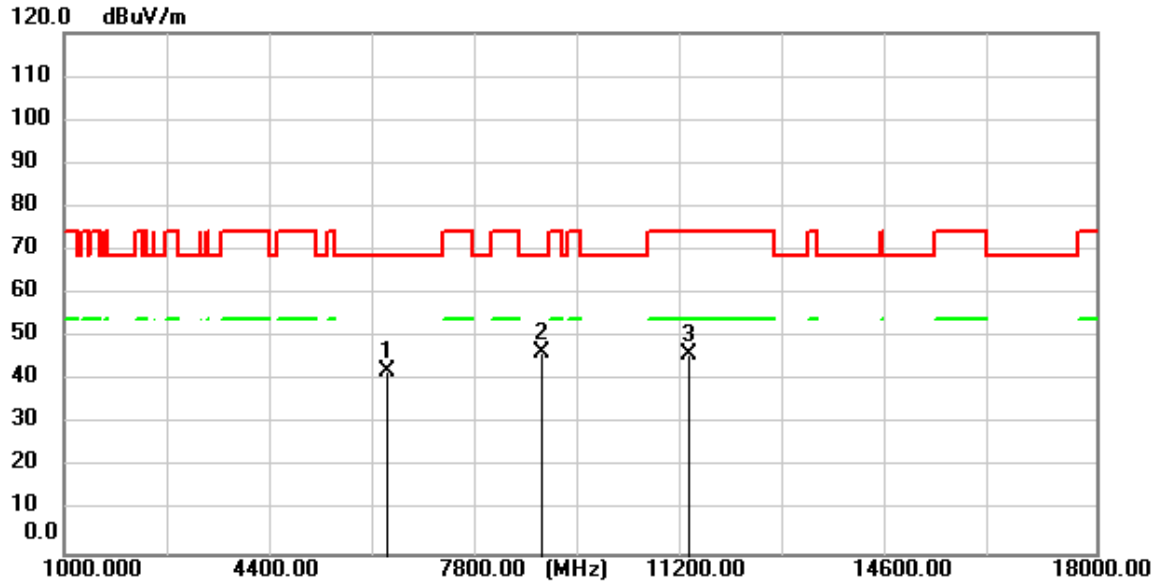
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8861.650	52.67	-8.02	44.65	68.30	-23.65	peak
2	9835.750	52.38	-5.68	46.70	68.30	-21.60	peak
3	11629.250	52.12	-6.46	45.66	74.00	-28.34	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



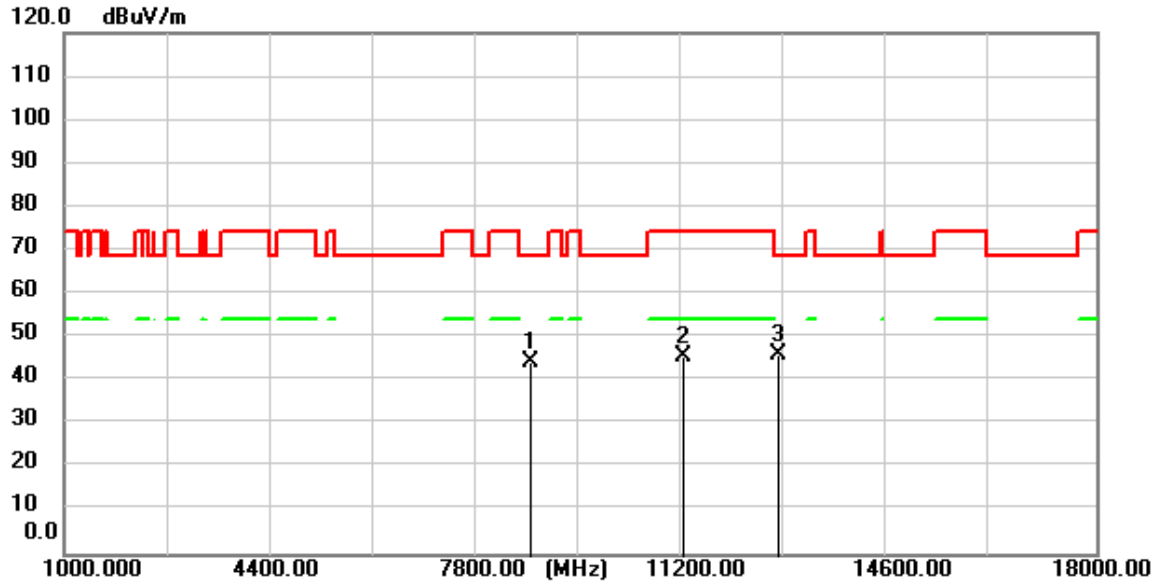
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6981.450	50.96	-10.12	40.84	68.30	-27.46	peak
2	9196.550	52.71	-7.29	45.42	74.00	-28.58	peak
3	10553.150	50.17	-6.04	44.13	68.30	-24.17	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



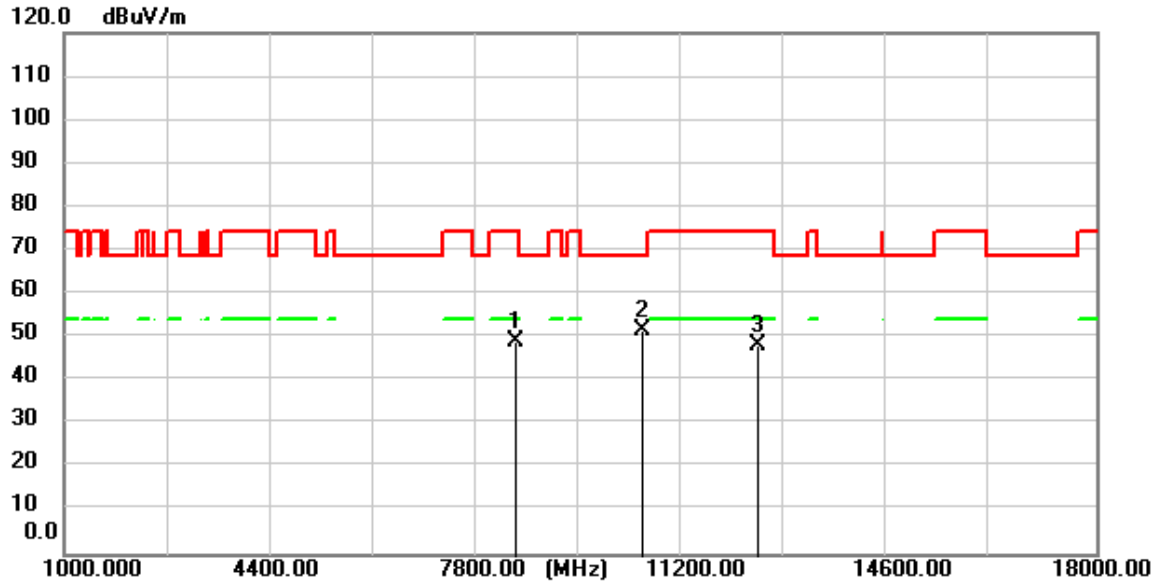
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6333.750	54.66	-12.28	42.38	68.30	-25.92	peak
2	8857.400	54.37	-8.03	46.34	68.30	-21.96	peak
3	11298.600	52.68	-6.44	46.24	74.00	-27.76	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



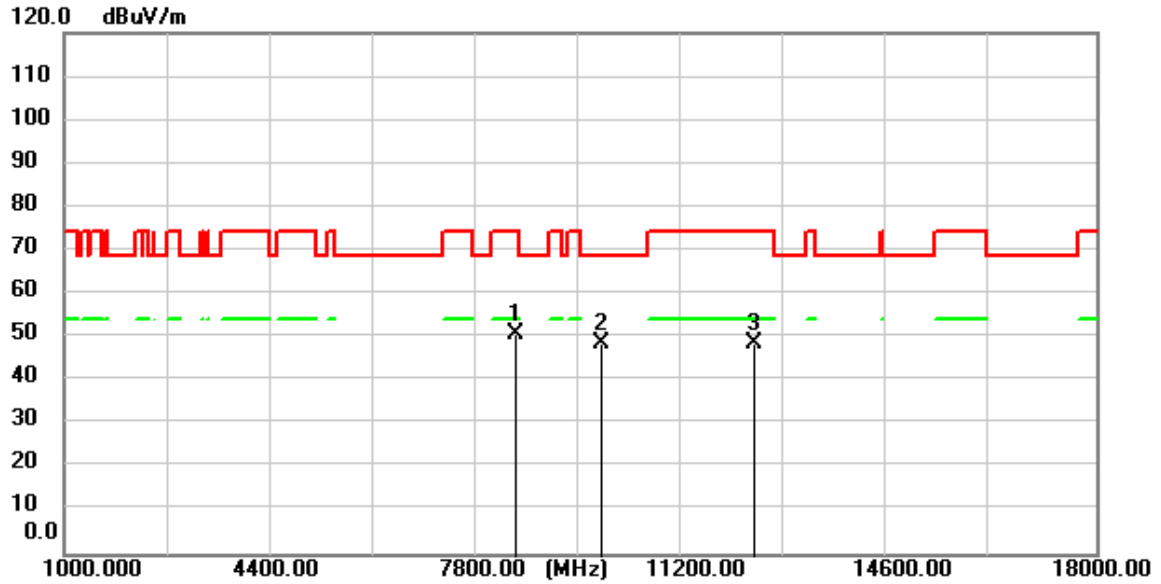
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8689.950	52.81	-8.27	44.54	68.30	-23.76	peak
2	11210.200	52.14	-6.43	45.71	74.00	-28.29	peak
3	12768.250	52.07	-6.01	46.06	68.30	-22.24	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



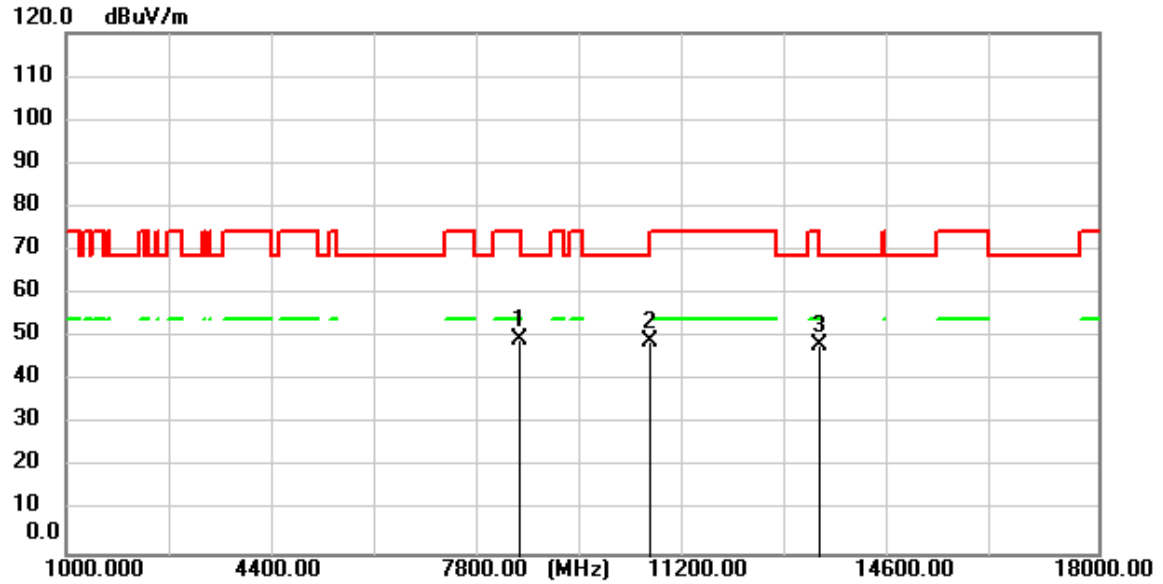
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8415.400	57.89	-8.67	49.22	74.00	-24.78	peak
2	10510.650	57.60	-6.00	51.60	68.30	-16.70	peak
3	12417.200	54.50	-6.20	48.30	74.00	-25.70	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



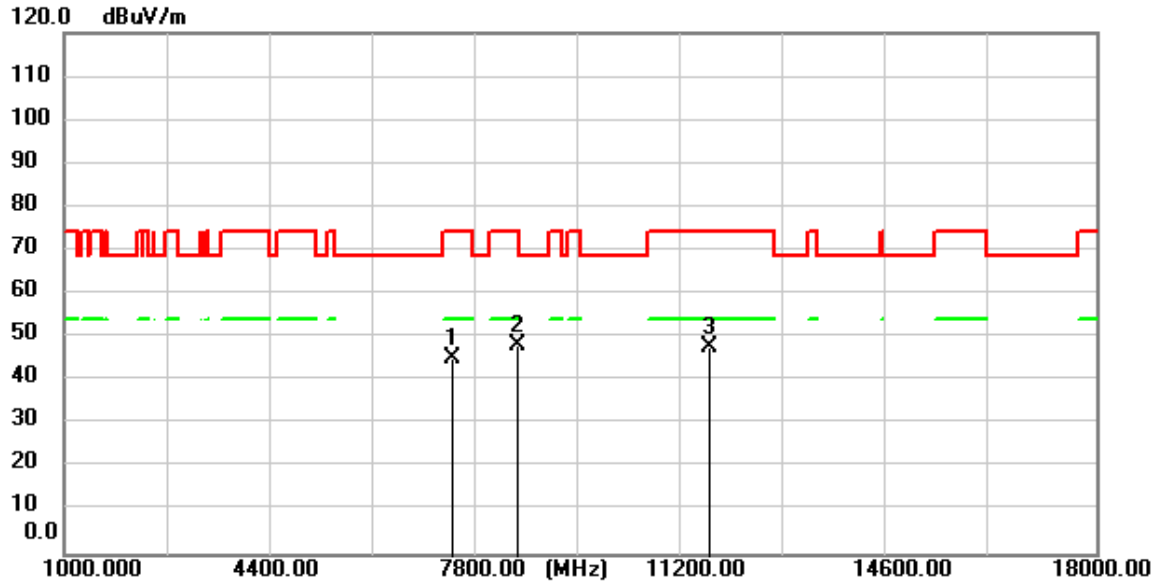
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8415.400	59.28	-8.67	50.61	74.00	-23.39	peak
2	9836.600	54.29	-5.67	48.62	68.30	-19.68	peak
3	12358.550	54.84	-6.23	48.61	74.00	-25.39	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



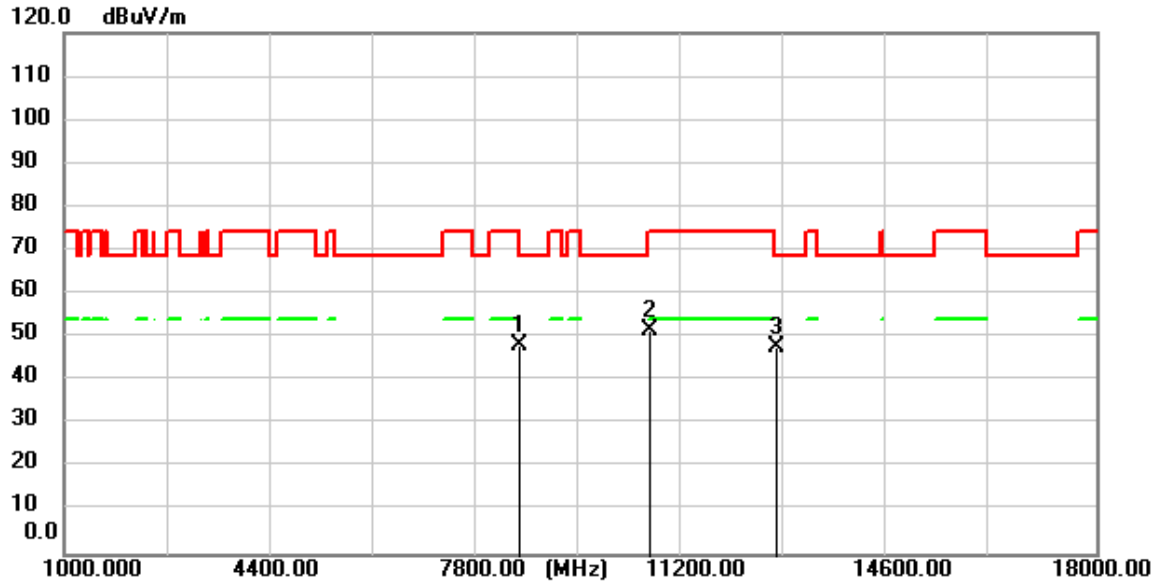
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8480.000	58.22	-8.58	49.64	74.00	-24.36	peak
2	10588.850	54.97	-6.07	48.90	68.30	-19.40	peak
3	13410.000	53.64	-5.59	48.05	68.30	-20.25	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



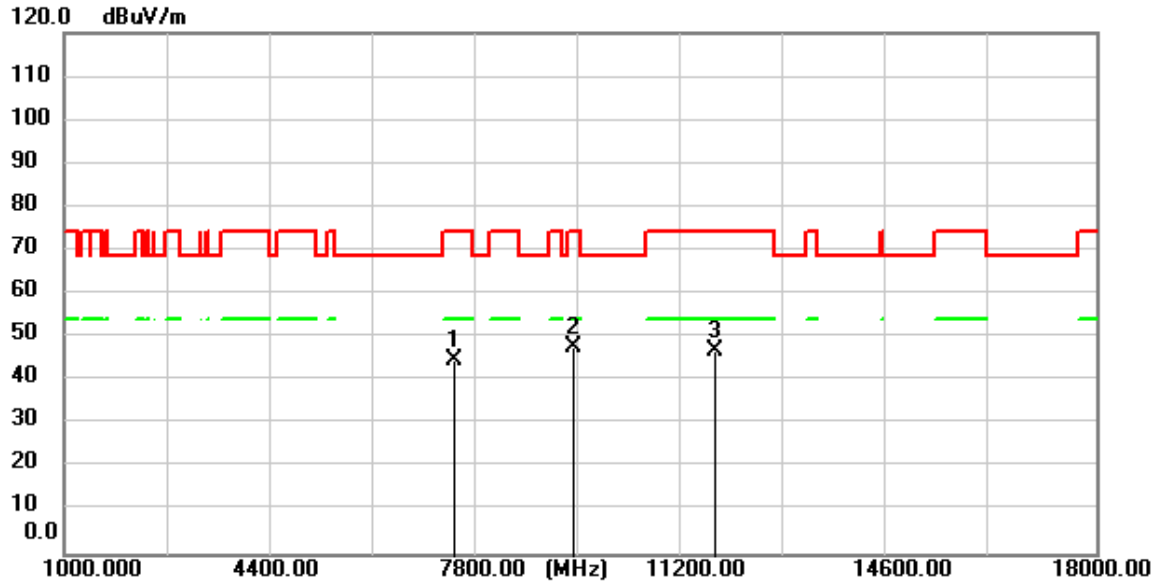
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7398.800	55.07	-9.99	45.08	74.00	-28.92	peak
2	8480.000	56.83	-8.58	48.25	74.00	-25.75	peak
3	11642.000	54.35	-6.47	47.88	74.00	-26.12	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



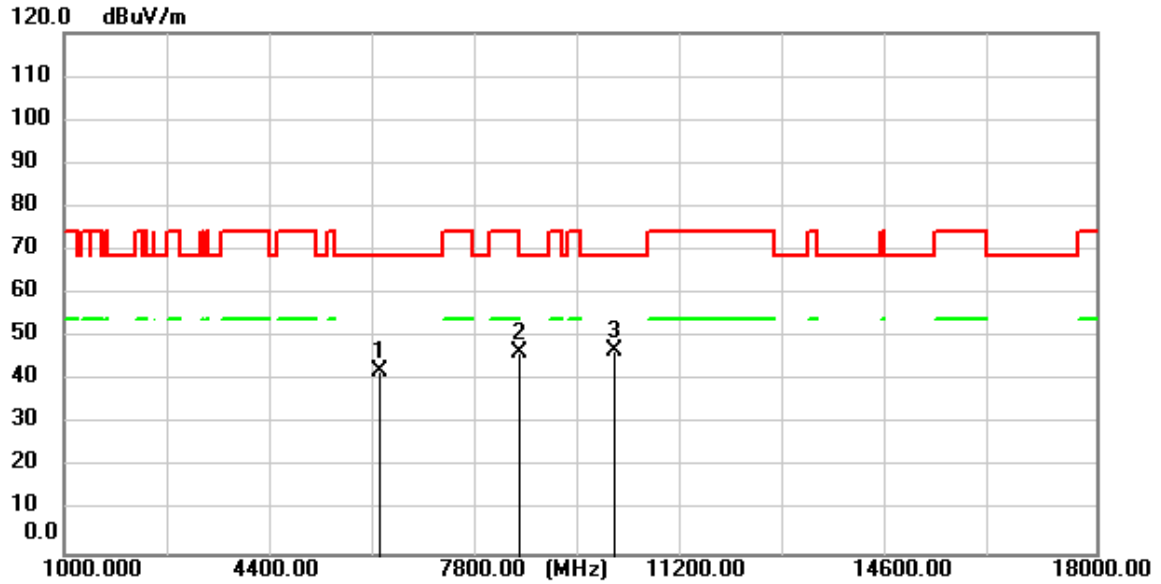
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8512.300	56.85	-8.53	48.32	68.30	-19.98	peak
2	10639.850	57.94	-6.11	51.83	74.00	-22.17	peak
3	12724.050	53.84	-6.04	47.80	68.30	-20.50	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



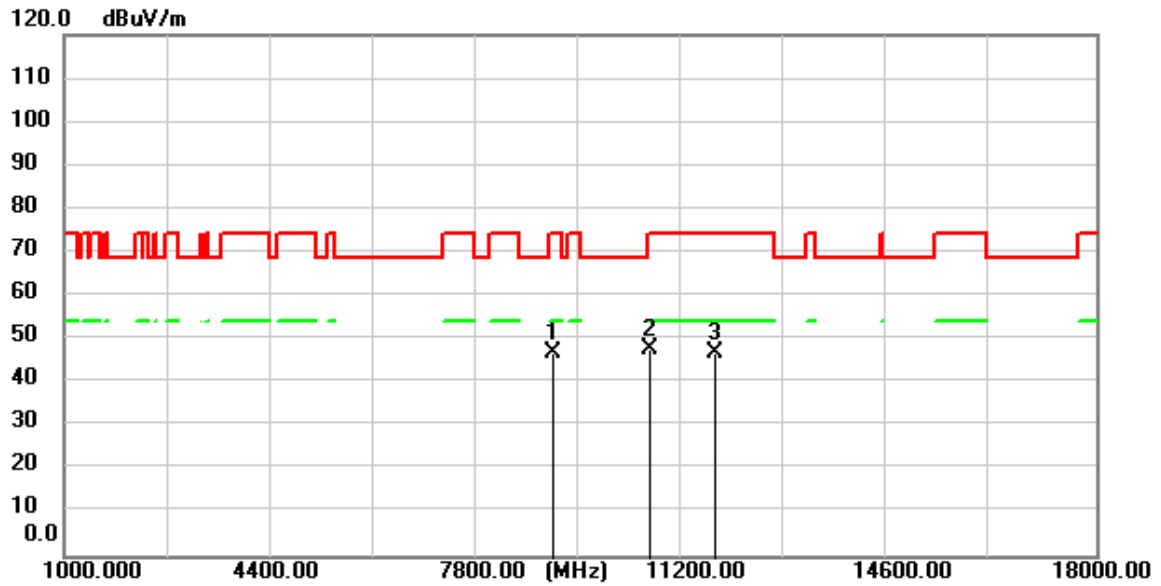
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7414.100	54.84	-9.97	44.87	74.00	-29.13	peak
2	9393.750	54.58	-6.80	47.78	74.00	-26.22	peak
3	11721.050	53.25	-6.47	46.78	74.00	-27.22	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



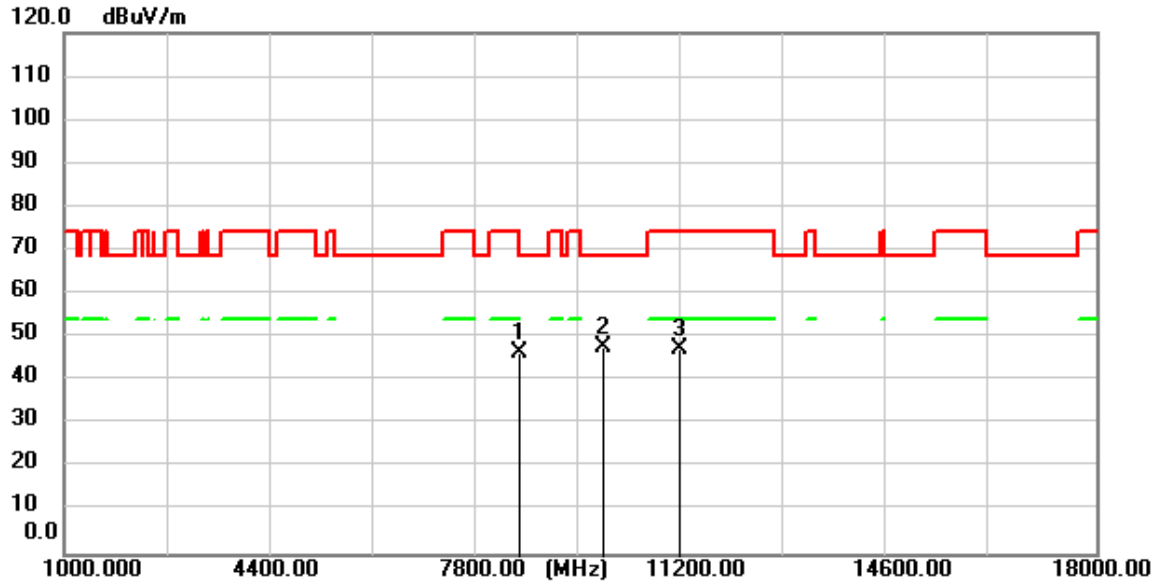
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6193.500	55.35	-12.94	42.41	68.30	-25.89	peak
2	8512.300	55.11	-8.53	46.58	68.30	-21.72	peak
3	10054.200	52.40	-5.62	46.78	68.30	-21.52	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



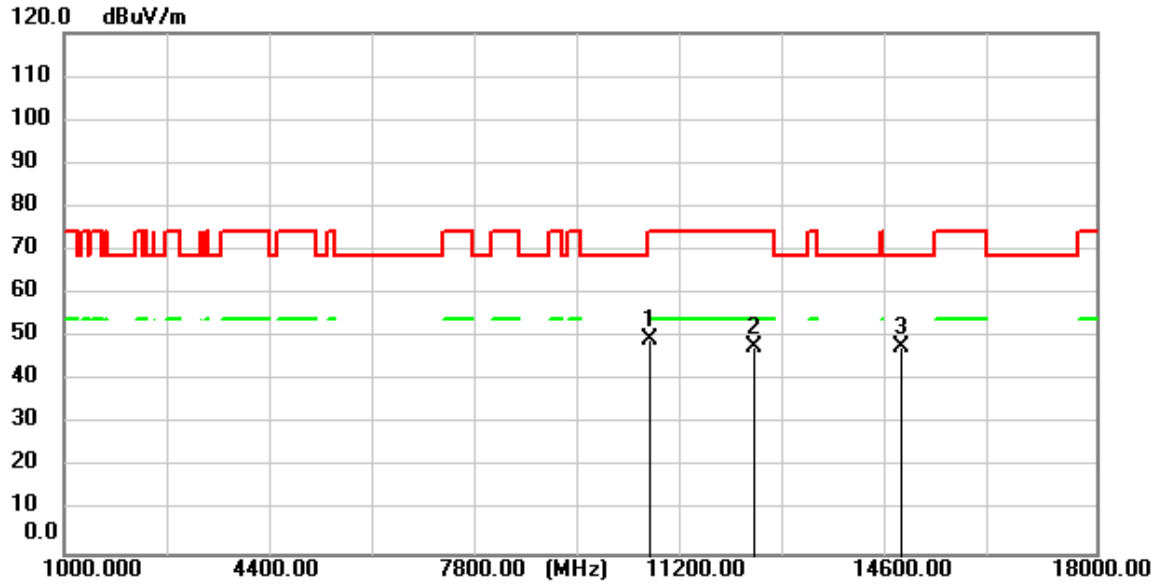
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9029.950	54.82	-7.71	47.11	74.00	-26.89	peak
2	10644.950	54.04	-6.12	47.92	74.00	-26.08	peak
3	11709.150	53.52	-6.47	47.05	74.00	-26.95	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



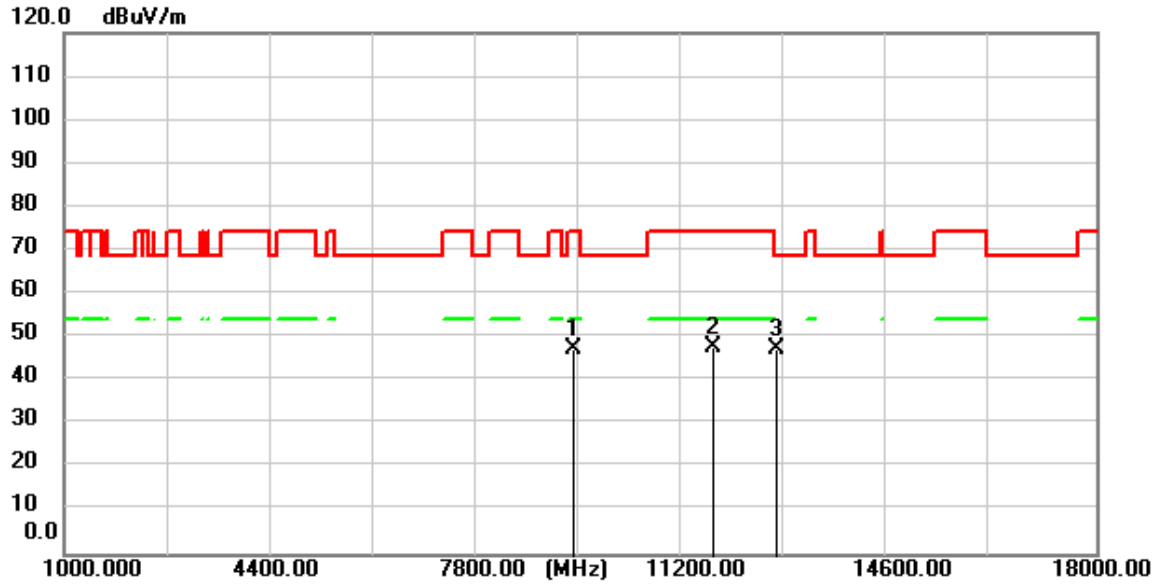
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8511.450	54.86	-8.53	46.33	68.30	-21.97	peak
2	9862.950	53.43	-5.63	47.80	68.30	-20.50	peak
3	11132.000	53.87	-6.43	47.44	74.00	-26.56	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



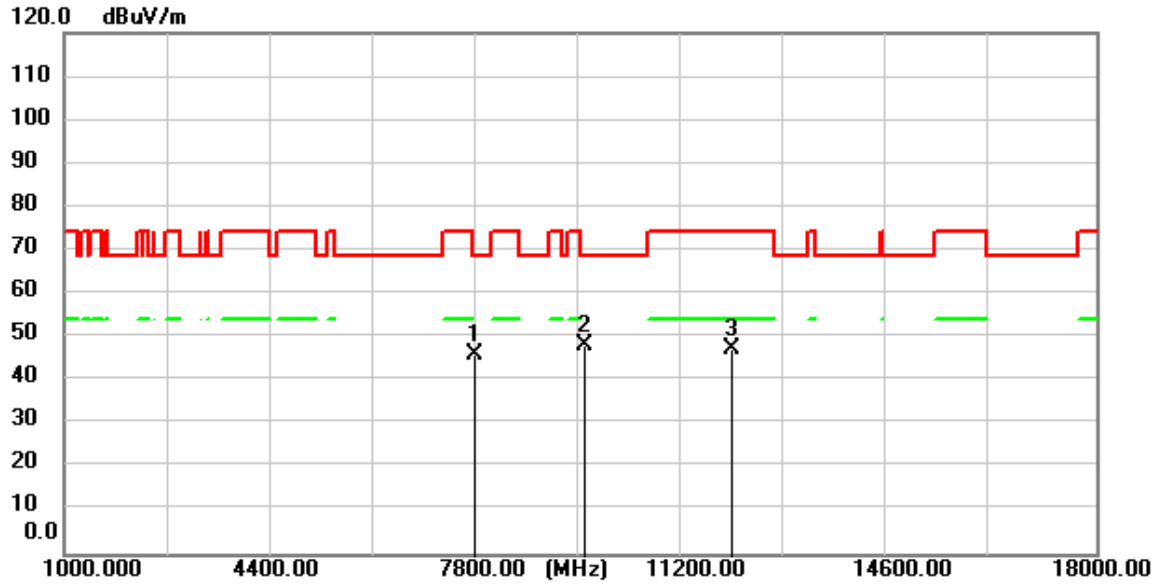
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10639.000	55.53	-6.11	49.42	74.00	-24.58	peak
2	12373.000	53.82	-6.22	47.60	74.00	-26.40	peak
3	14803.150	52.79	-4.93	47.86	68.30	-20.44	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



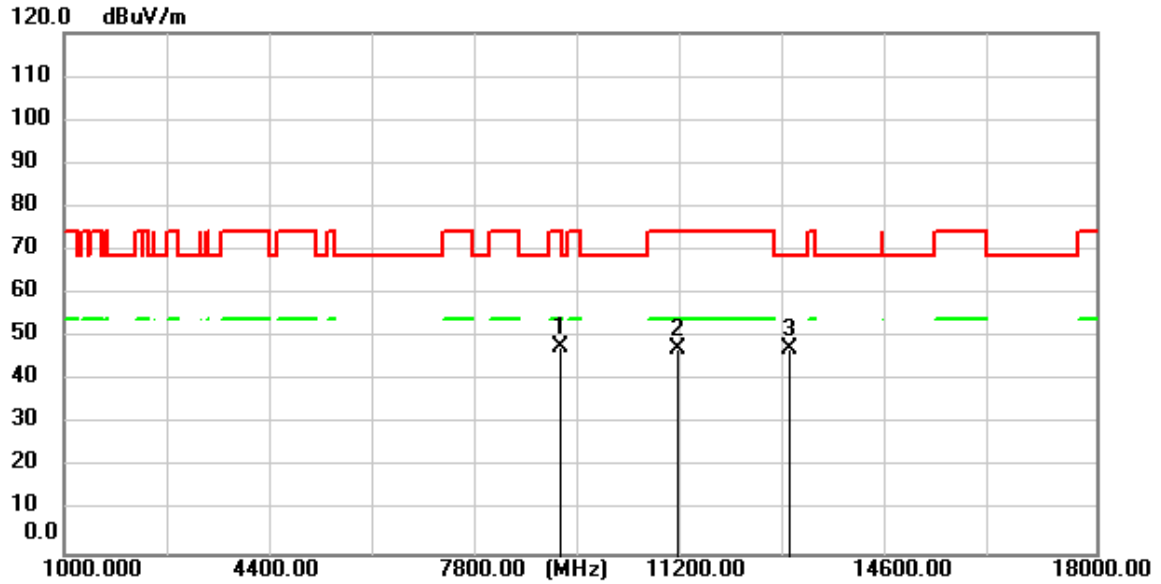
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9393.750	53.97	-6.80	47.17	74.00	-26.83	peak
2	11693.000	54.11	-6.47	47.64	74.00	-26.36	peak
3	12716.400	53.22	-6.04	47.18	68.30	-21.12	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



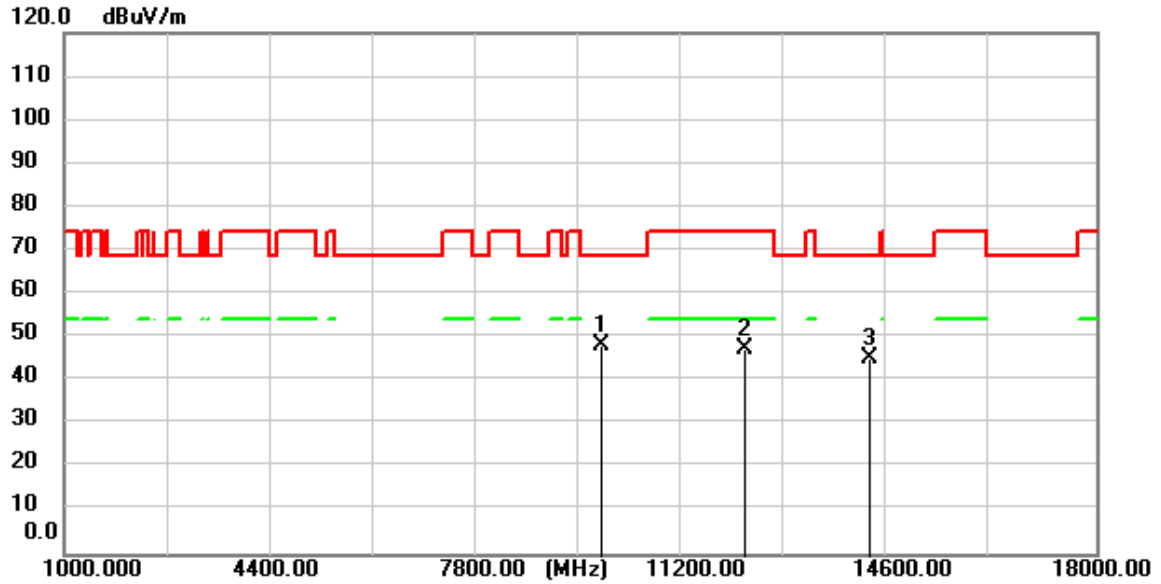
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7751.550	55.59	-9.59	46.00	68.30	-22.30	peak
2	9564.600	54.41	-6.37	48.04	68.30	-20.26	peak
3	11983.700	53.67	-6.43	47.24	74.00	-26.76	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



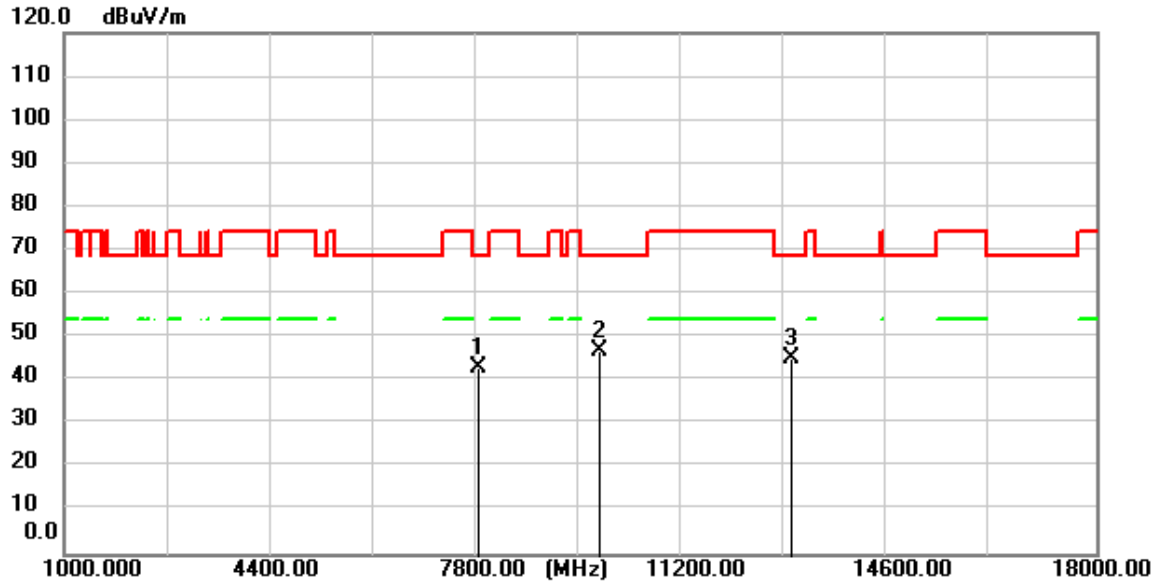
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9167.650	55.04	-7.37	47.67	74.00	-26.33	peak
2	11091.200	53.71	-6.43	47.28	74.00	-26.72	peak
3	12942.500	53.29	-5.92	47.37	68.30	-20.93	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



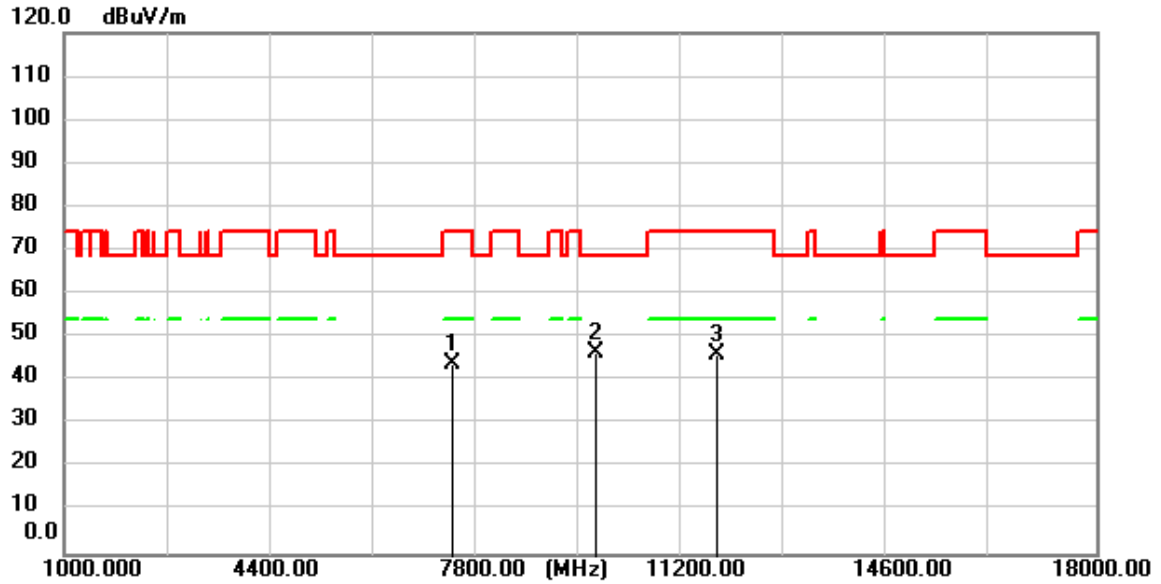
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9856.150	53.71	-5.64	48.07	68.30	-20.23	peak
2	12197.900	53.66	-6.31	47.35	74.00	-26.65	peak
3	14275.300	50.55	-5.27	45.28	68.30	-23.02	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



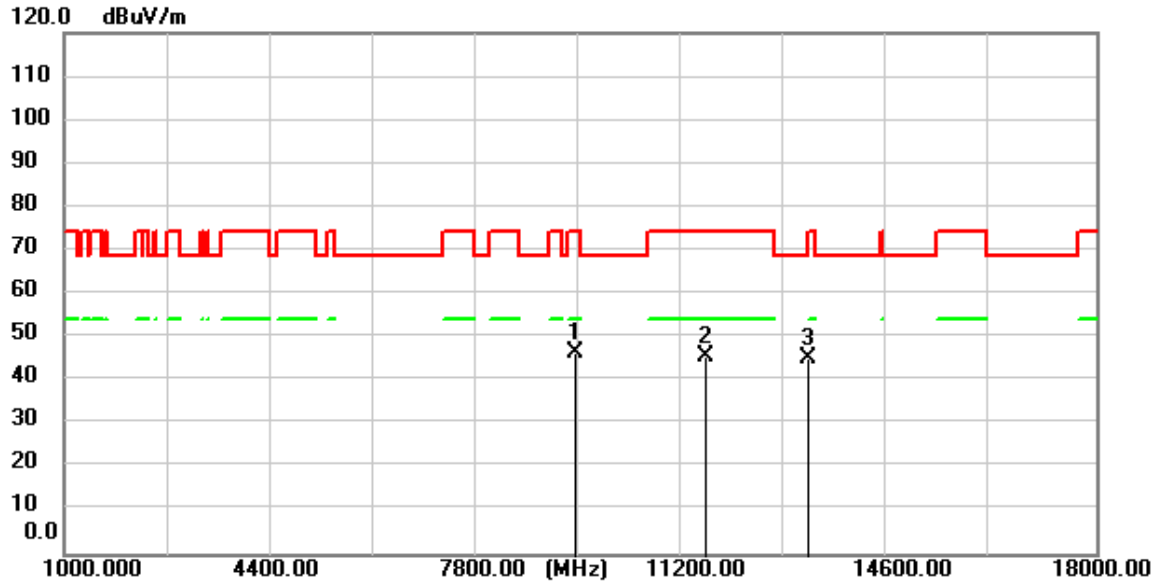
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7822.950	52.52	-9.50	43.02	68.30	-25.28	peak
2	9817.900	52.73	-5.72	47.01	68.30	-21.29	peak
3	12979.050	50.99	-5.90	45.09	68.30	-23.21	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



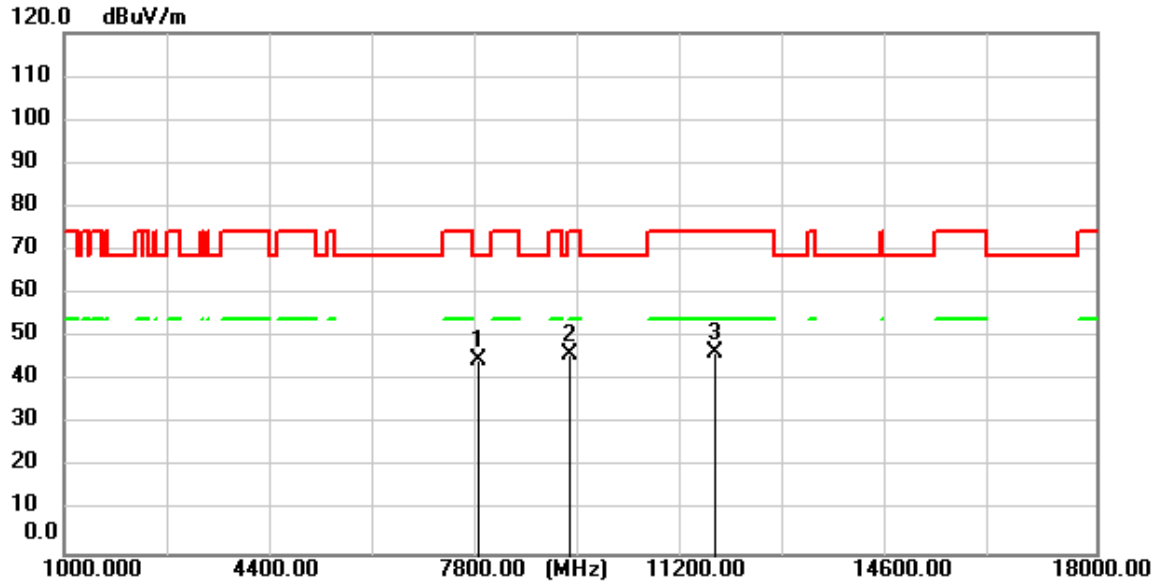
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7409.000	53.85	-9.98	43.87	74.00	-30.13	peak
2	9765.200	52.49	-5.86	46.63	68.30	-21.67	peak
3	11740.600	52.50	-6.47	46.03	74.00	-27.97	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



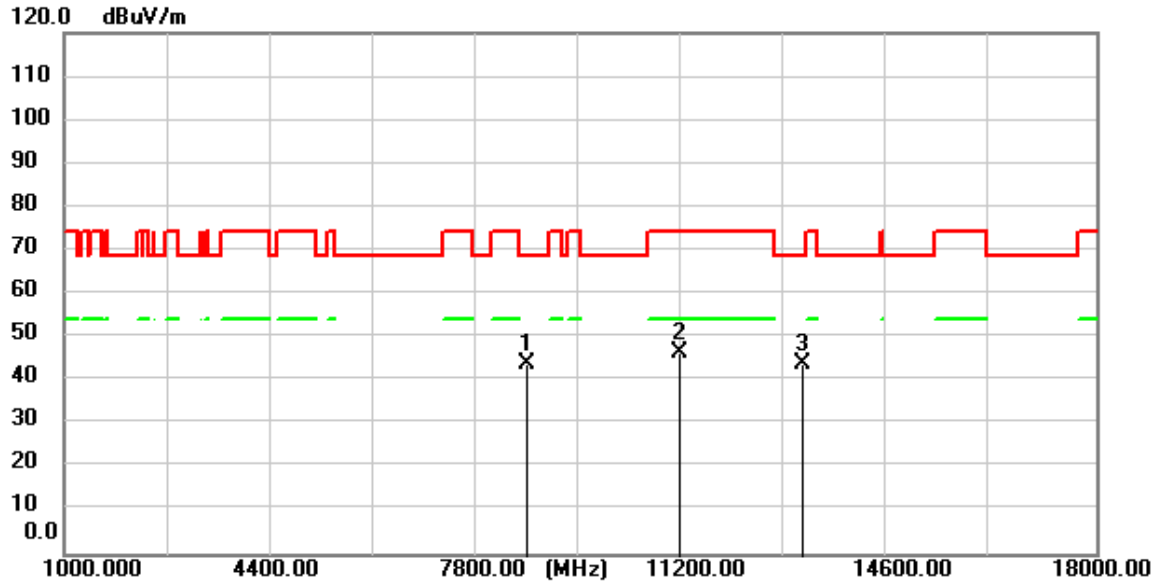
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9427.750	53.08	-6.71	46.37	74.00	-27.63	peak
2	11563.800	51.98	-6.46	45.52	74.00	-28.48	peak
3	13245.100	50.85	-5.67	45.18	68.30	-23.12	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



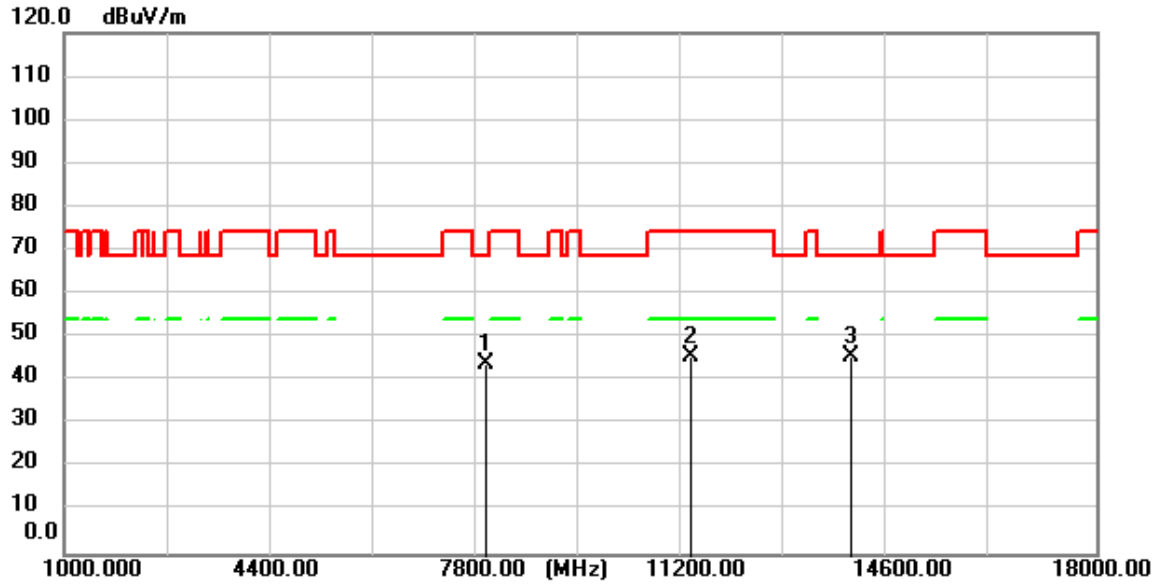
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7830.600	54.18	-9.50	44.68	68.30	-23.62	peak
2	9329.150	53.18	-6.95	46.23	74.00	-27.77	peak
3	11709.150	53.12	-6.47	46.65	74.00	-27.35	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



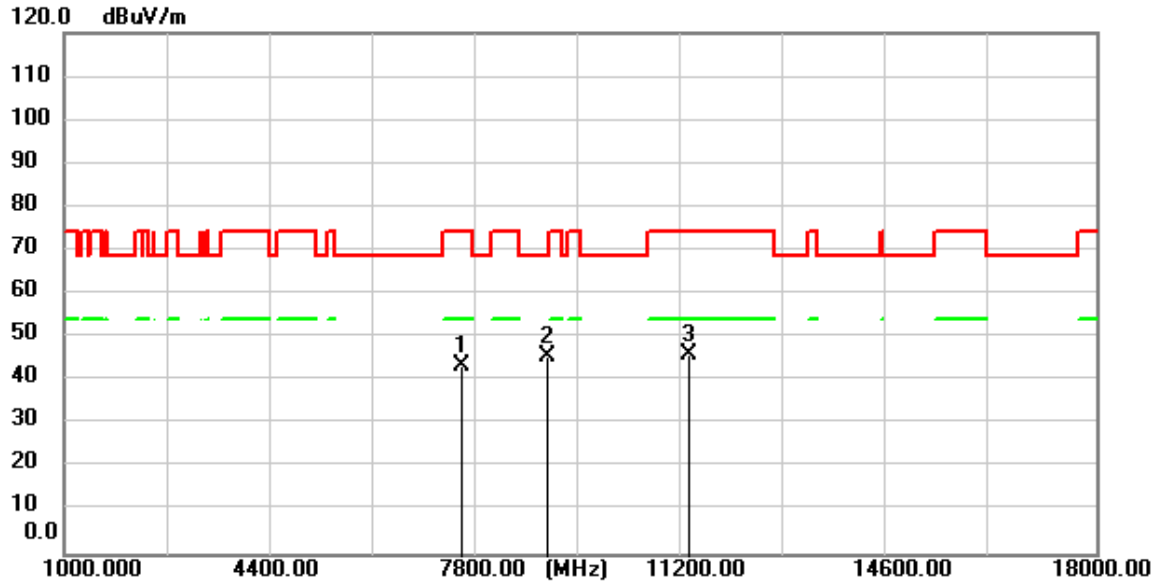
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8623.650	52.48	-8.37	44.11	68.30	-24.19	peak
2	11137.100	53.05	-6.43	46.62	74.00	-27.38	peak
3	13161.800	49.52	-5.72	43.80	68.30	-24.50	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



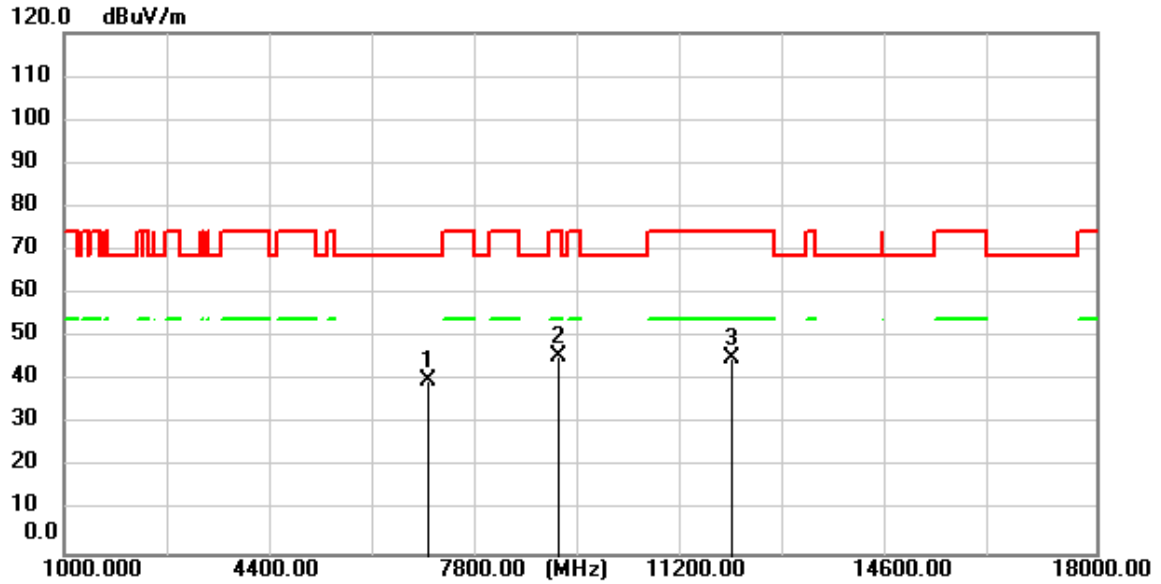
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.150	53.36	-9.38	43.98	68.30	-24.32	peak
2	11315.600	52.07	-6.44	45.63	74.00	-28.37	peak
3	13942.100	51.04	-5.32	45.72	68.30	-22.58	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



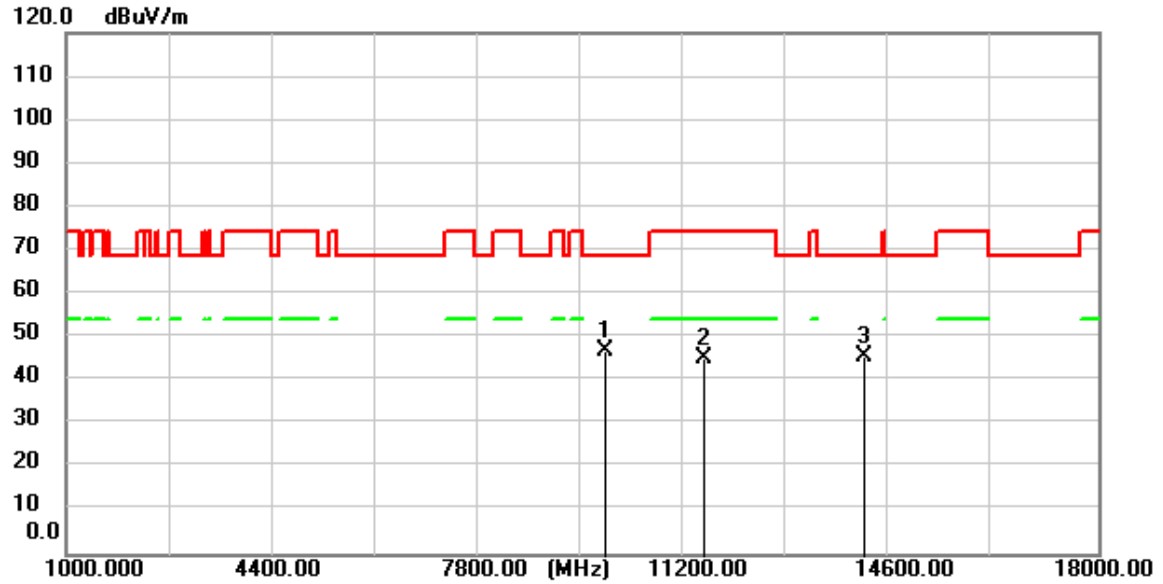
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7554.350	53.21	-9.82	43.39	74.00	-30.61	peak
2	8954.300	53.37	-7.89	45.48	68.30	-22.82	peak
3	11278.200	52.58	-6.44	46.14	74.00	-27.86	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



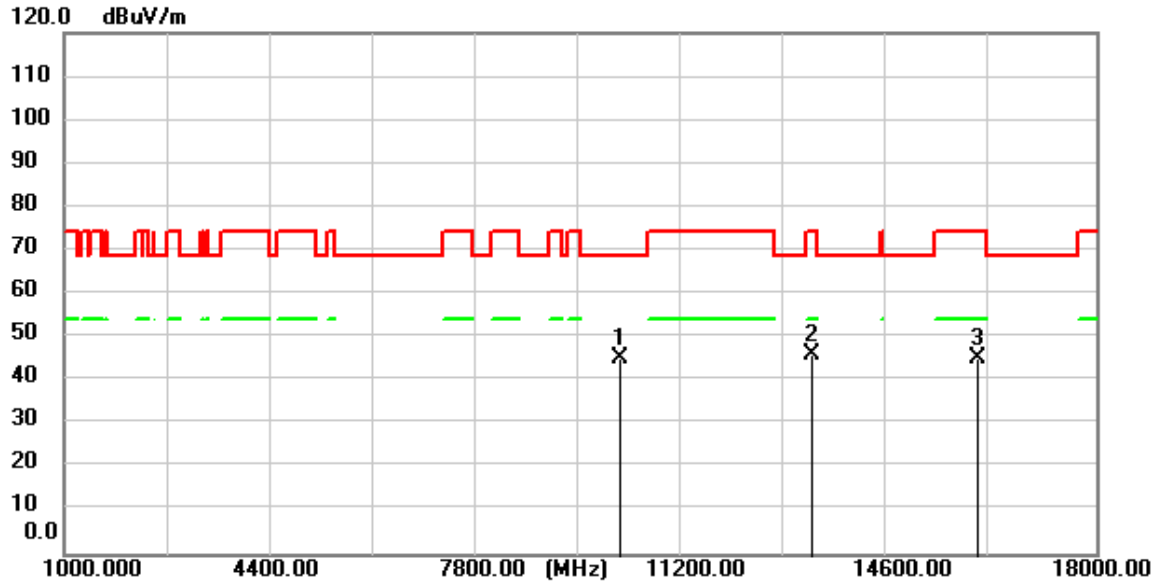
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6999.300	50.33	-10.10	40.23	68.30	-28.07	peak
2	9152.350	53.02	-7.41	45.61	74.00	-28.39	peak
3	12015.150	51.55	-6.41	45.14	74.00	-28.86	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



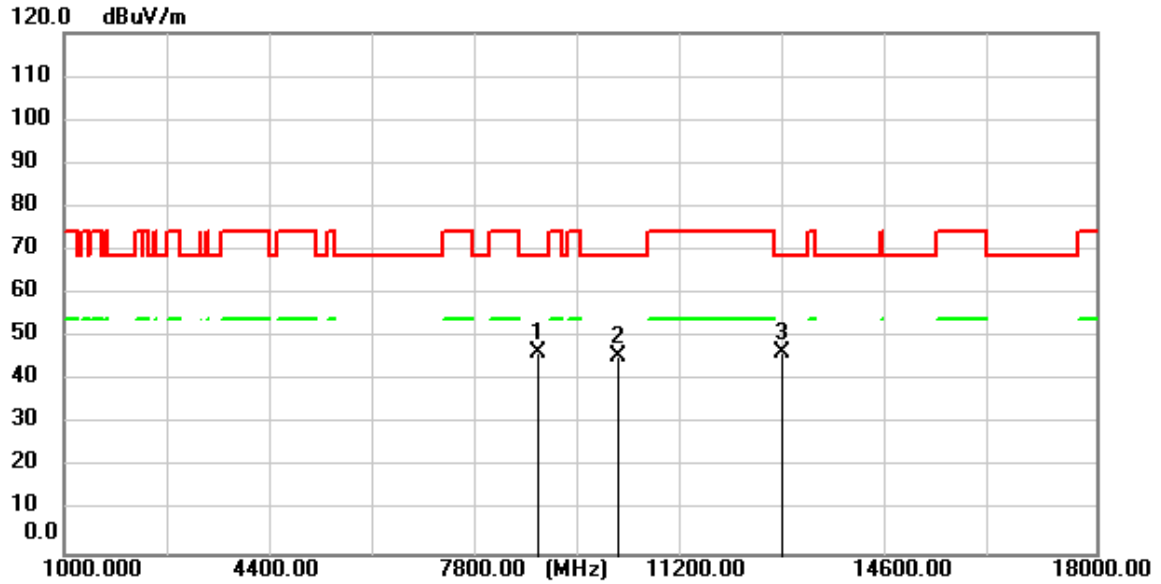
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9887.600	52.61	-5.62	46.99	68.30	-21.31	peak
2	11502.600	51.48	-6.45	45.03	74.00	-28.97	peak
3	14146.950	51.04	-5.28	45.76	68.30	-22.54	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



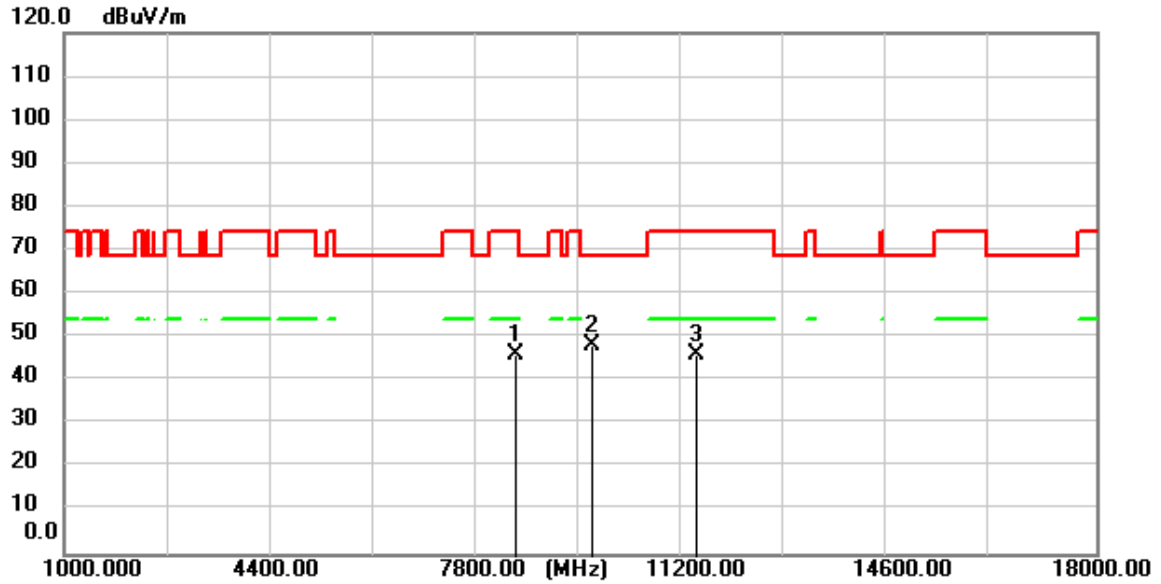
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10151.950	50.93	-5.71	45.22	68.30	-23.08	peak
2	13311.400	51.66	-5.65	46.01	74.00	-27.99	peak
3	16033.100	48.04	-3.01	45.03	74.00	-28.97	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



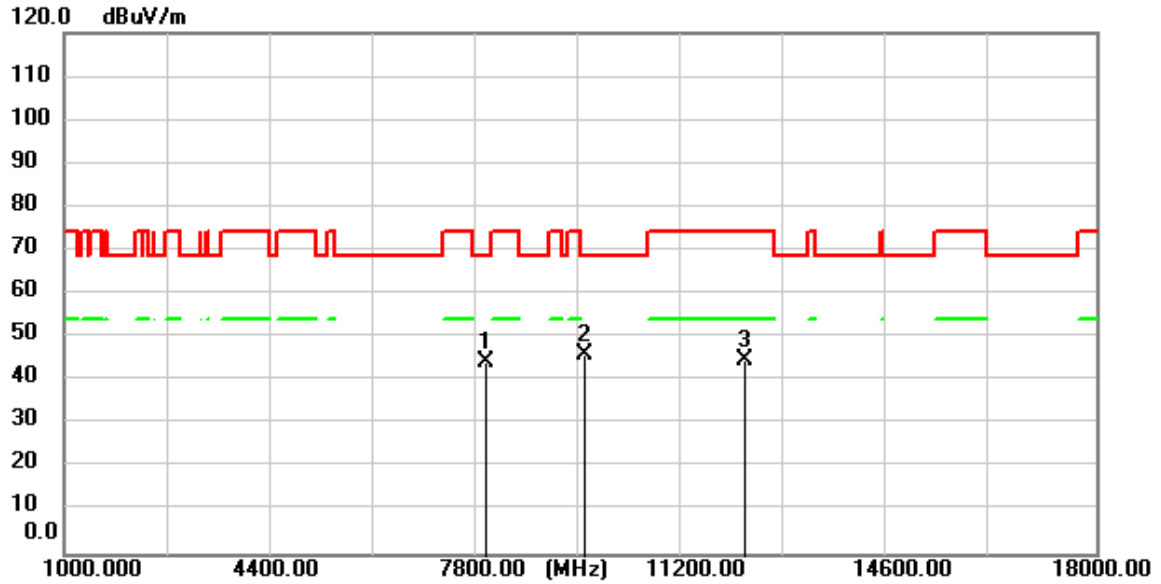
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8814.900	54.71	-8.09	46.62	68.30	-21.68	peak
2	10112.850	51.29	-5.67	45.62	68.30	-22.68	peak
3	12822.650	52.32	-5.99	46.33	68.30	-21.97	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



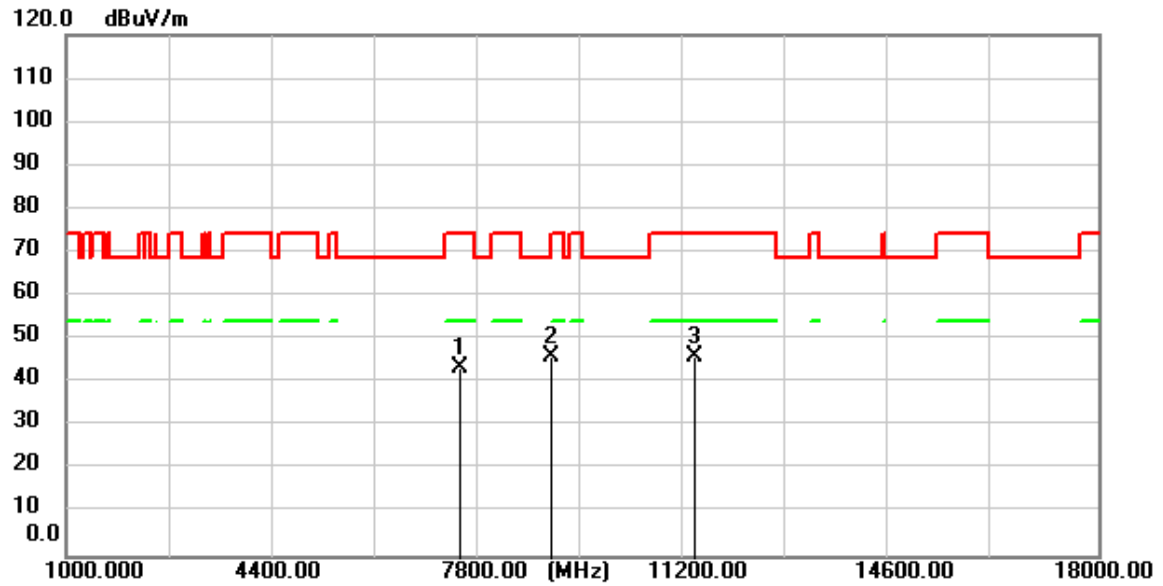
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8414.550	54.81	-8.67	46.14	74.00	-27.86	peak
2	9670.850	54.36	-6.09	48.27	68.30	-20.03	peak
3	11420.150	52.31	-6.45	45.86	74.00	-28.14	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



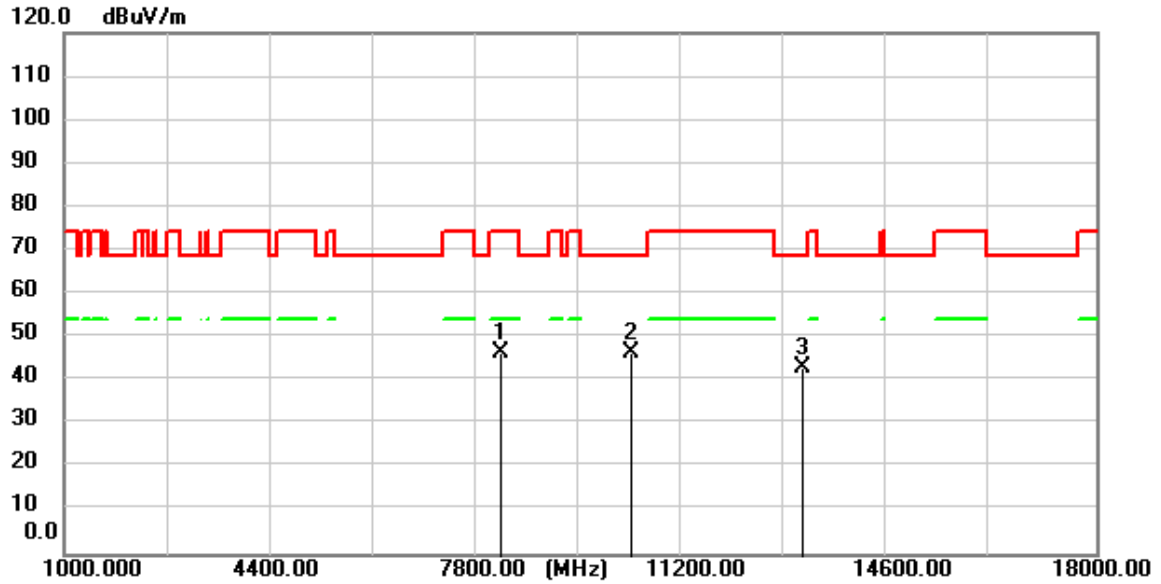
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7939.400	53.53	-9.37	44.16	68.30	-24.14	peak
2	9582.450	52.29	-6.32	45.97	68.30	-22.33	peak
3	12212.350	51.01	-6.31	44.70	74.00	-29.30	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



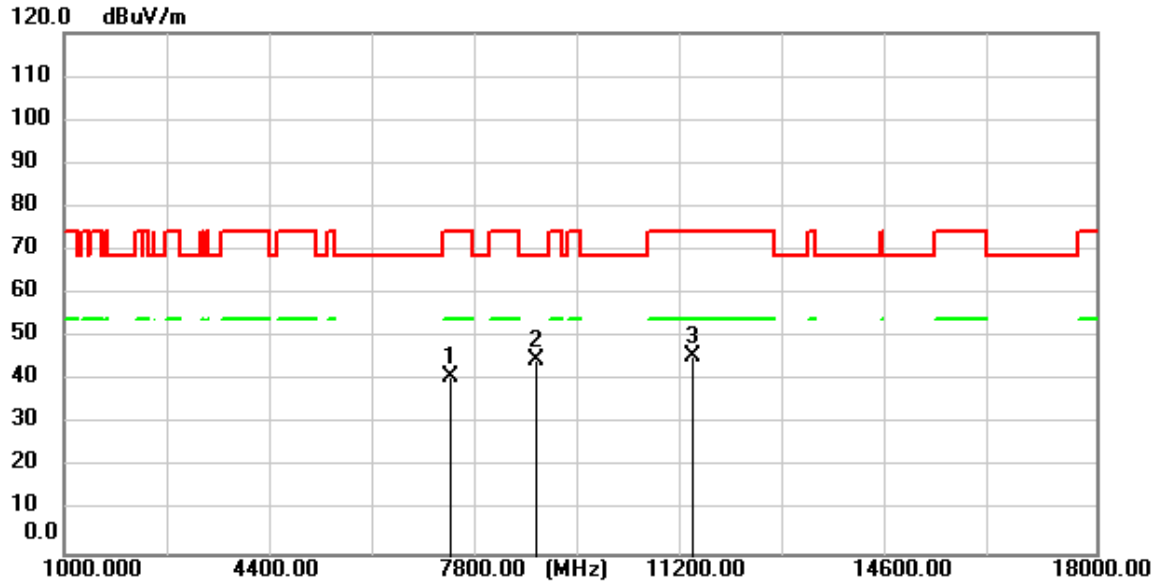
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7473.600	53.54	-9.91	43.63	74.00	-30.37	peak
2	8996.800	53.88	-7.79	46.09	68.30	-22.21	peak
3	11349.600	52.67	-6.44	46.23	74.00	-27.77	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



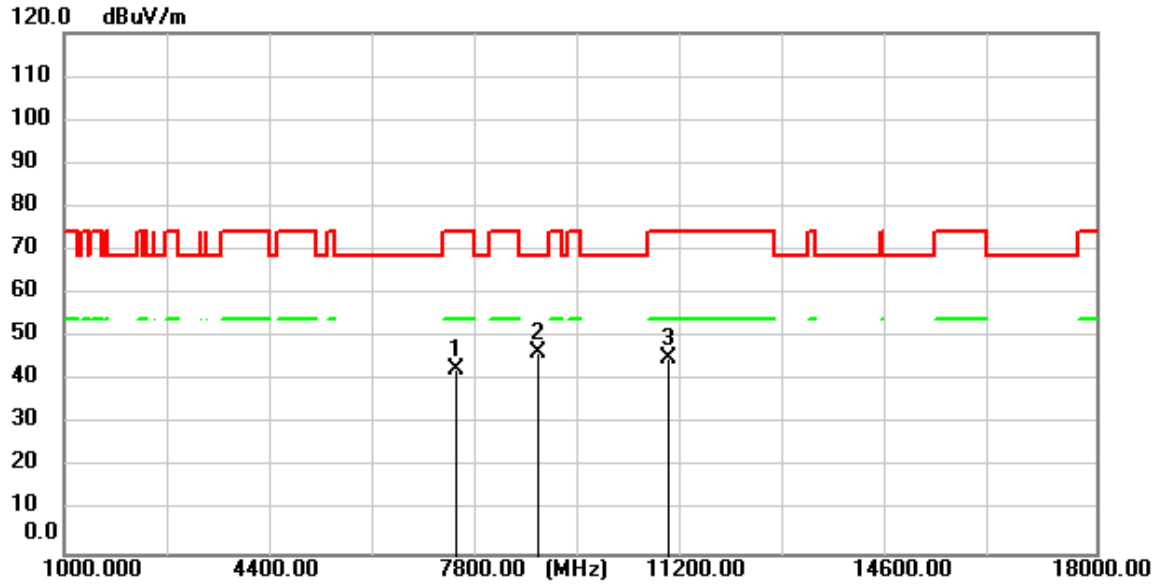
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8178.250	55.46	-9.02	46.44	74.00	-27.56	peak
2	10318.550	52.33	-5.85	46.48	68.30	-21.82	peak
3	13172.000	48.67	-5.71	42.96	68.30	-25.34	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



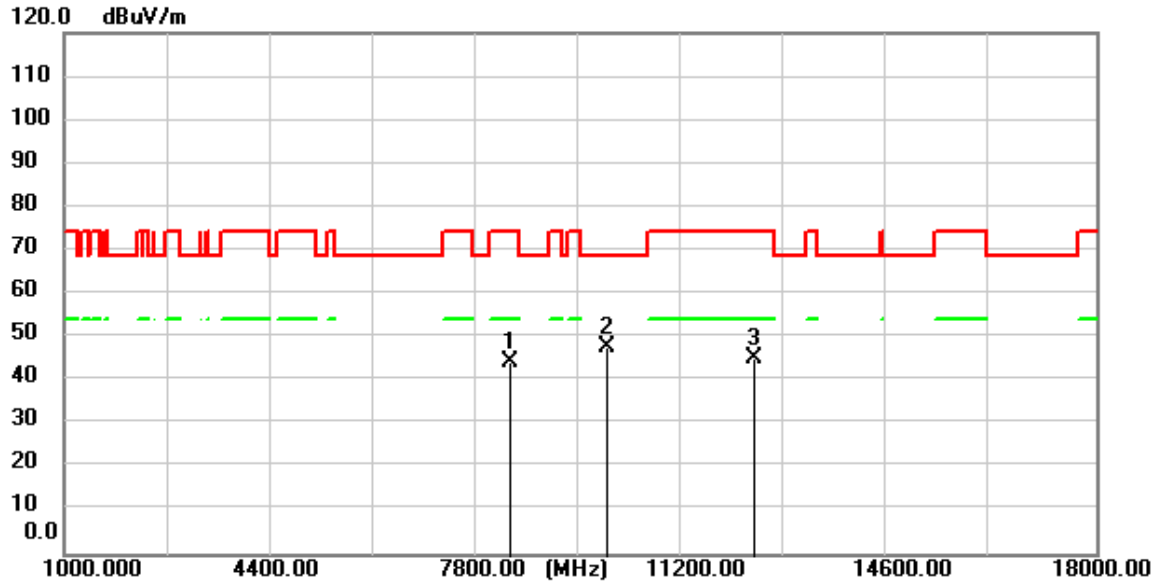
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7368.200	51.05	-10.00	41.05	74.00	-32.95	peak
2	8771.550	52.79	-8.16	44.63	68.30	-23.67	peak
3	11338.550	52.30	-6.45	45.85	74.00	-28.15	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



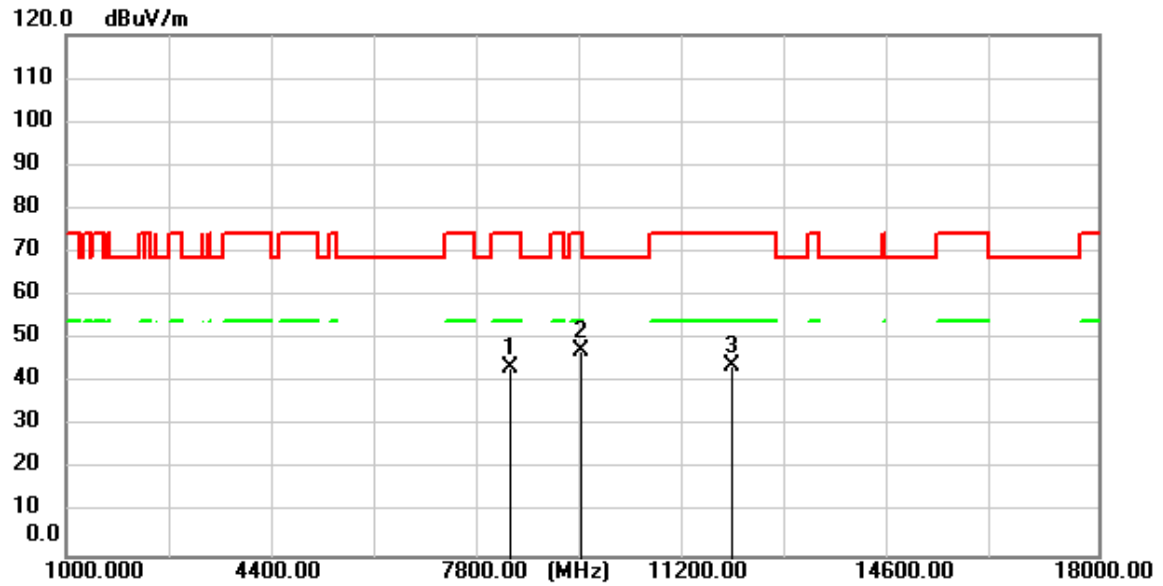
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7448.950	52.70	-9.94	42.76	74.00	-31.24	peak
2	8799.600	54.78	-8.11	46.67	68.30	-21.63	peak
3	10960.300	51.68	-6.38	45.30	74.00	-28.70	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



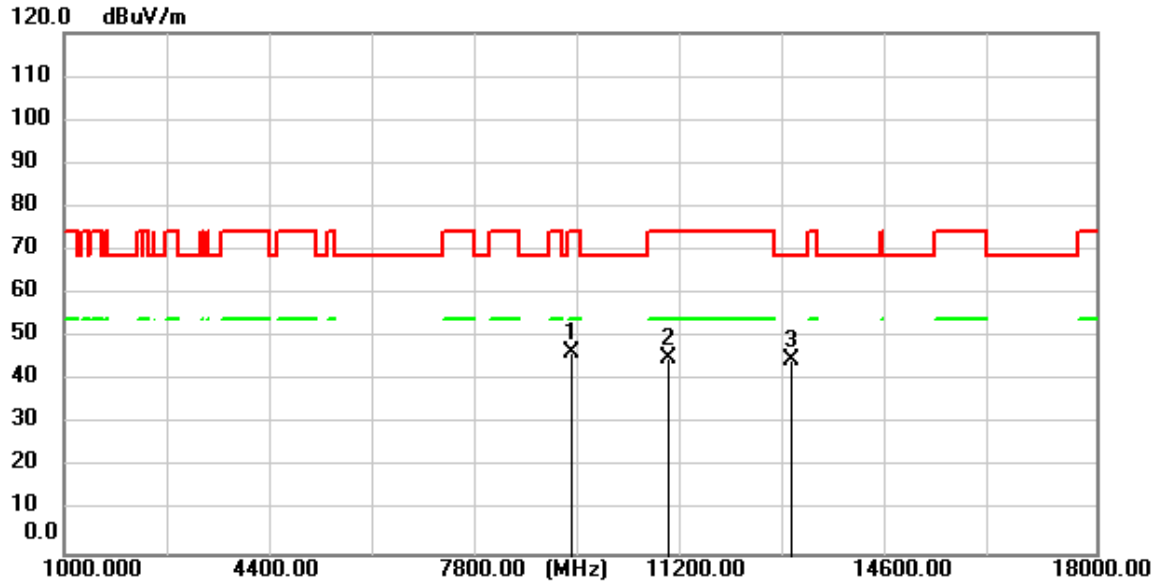
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8350.800	53.06	-8.77	44.29	74.00	-29.71	peak
2	9953.900	53.58	-5.59	47.99	68.30	-20.31	peak
3	12350.900	51.63	-6.23	45.40	74.00	-28.60	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



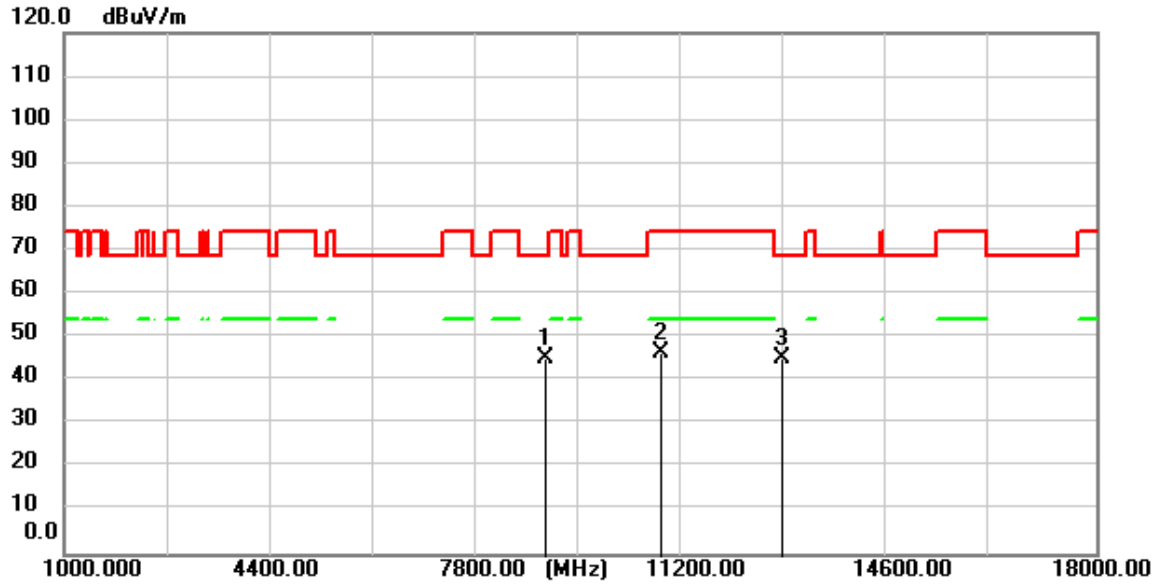
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8299.800	52.49	-8.84	43.65	74.00	-30.35	peak
2	9472.800	53.74	-6.59	47.15	74.00	-26.85	peak
3	11965.000	50.24	-6.44	43.80	74.00	-30.20	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



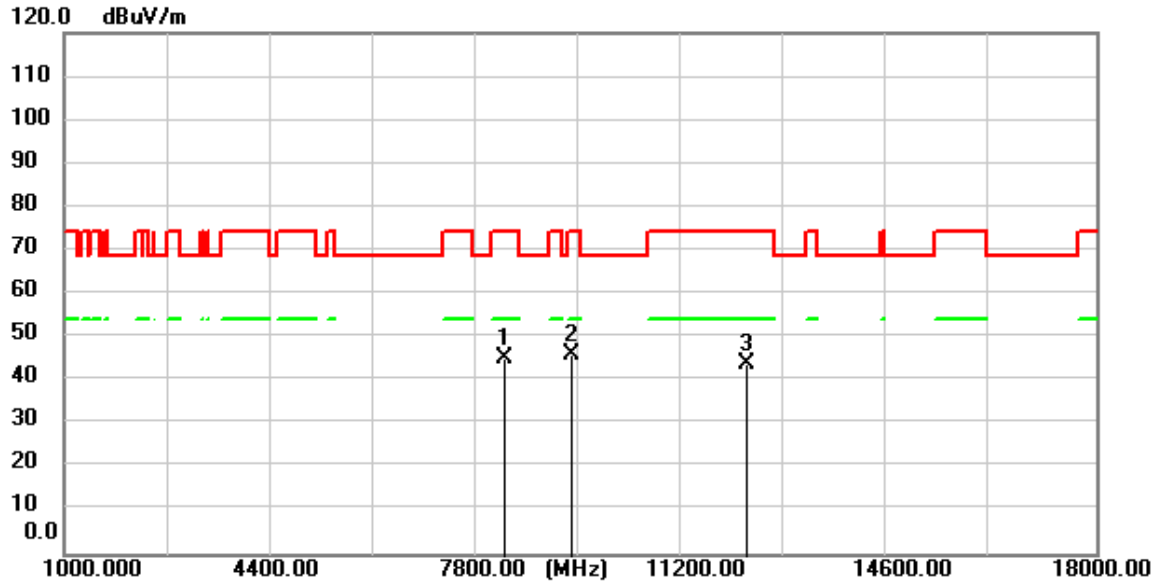
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9360.600	53.17	-6.88	46.29	74.00	-27.71	peak
2	10933.100	51.74	-6.36	45.38	74.00	-28.62	peak
3	12978.200	50.63	-5.91	44.72	68.30	-23.58	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



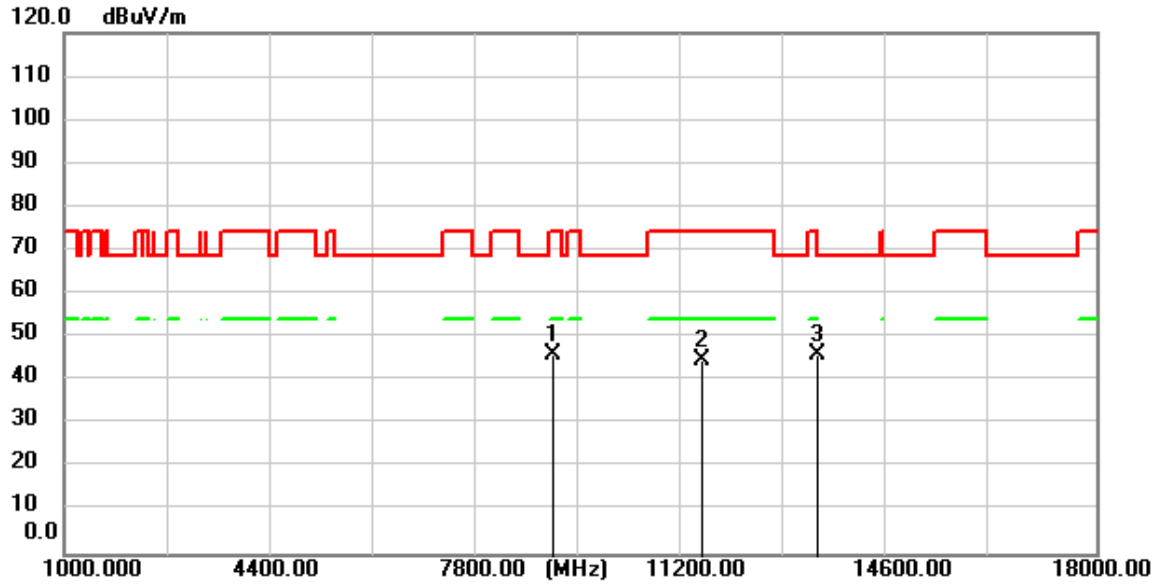
No.	Frequency (MHz)	Reading (dBuV)	Correction factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8905.850	53.25	-7.96	45.29	68.30	-23.01	peak
2	10825.150	52.73	-6.27	46.46	74.00	-27.54	peak
3	12815.850	51.29	-5.99	45.30	68.30	-23.00	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



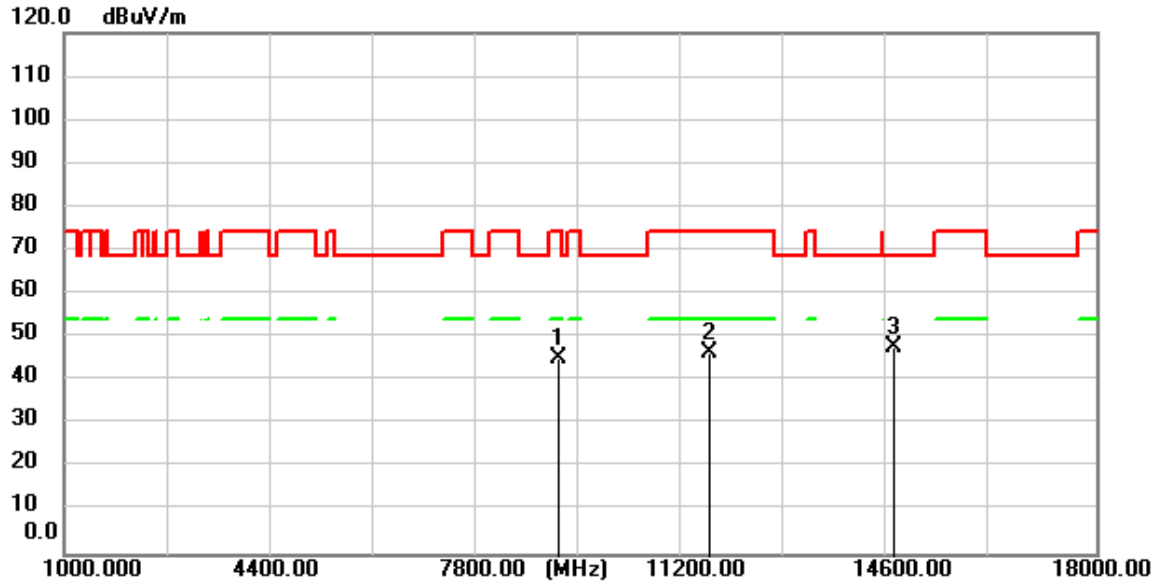
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8248.800	54.10	-8.91	45.19	74.00	-28.81	peak
2	9362.300	53.02	-6.87	46.15	74.00	-27.85	peak
3	12242.950	50.21	-6.29	43.92	74.00	-30.08	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



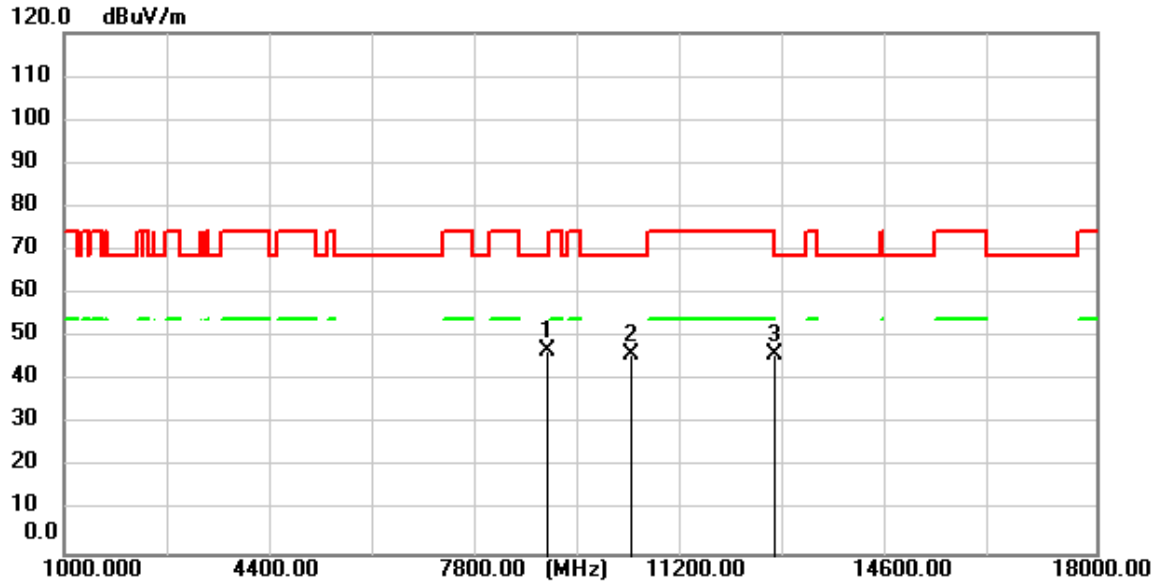
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9056.300	53.55	-7.65	45.90	74.00	-28.10	peak
2	11506.000	51.08	-6.45	44.63	74.00	-29.37	peak
3	13396.400	51.51	-5.60	45.91	74.00	-28.09	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



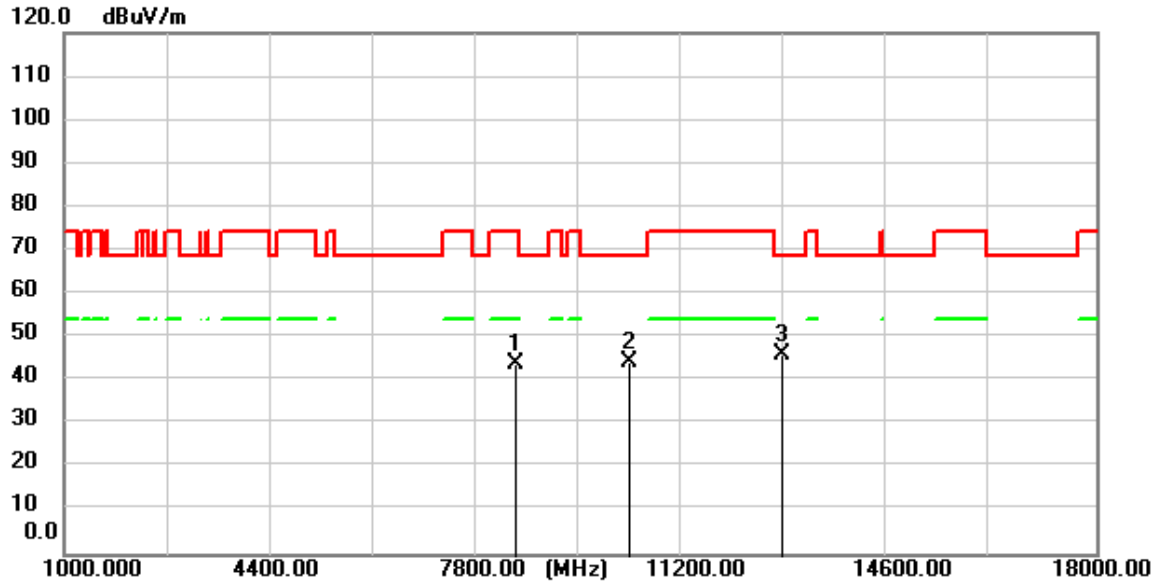
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9131.100	52.54	-7.46	45.08	74.00	-28.92	peak
2	11629.250	52.98	-6.46	46.52	74.00	-27.48	peak
3	14658.650	53.07	-5.07	48.00	68.30	-20.30	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



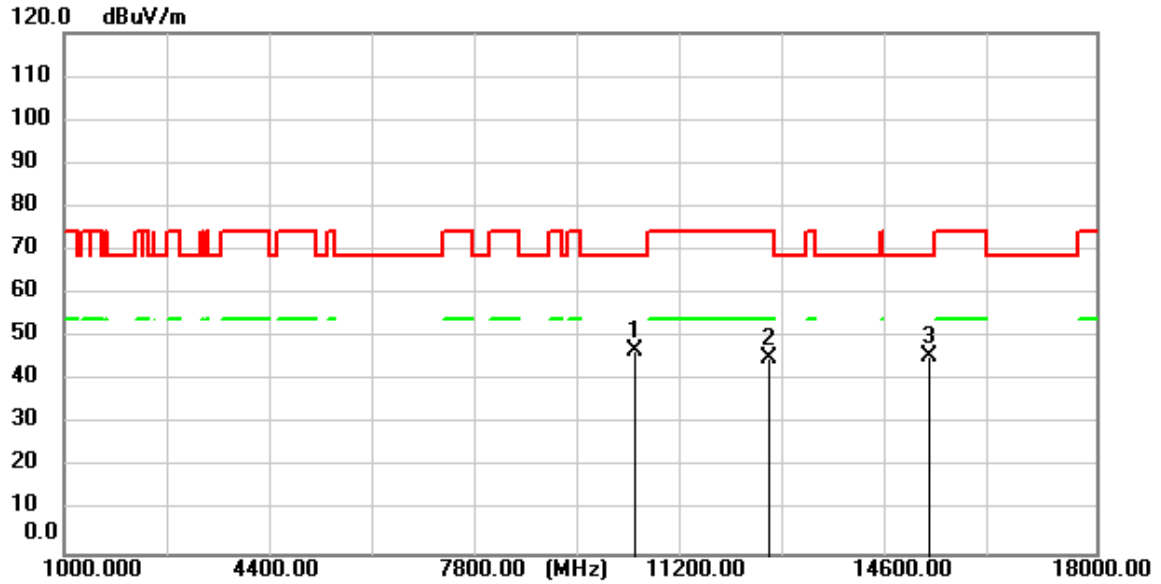
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8940.700	54.63	-7.91	46.72	68.30	-21.58	peak
2	10332.150	52.02	-5.86	46.16	68.30	-22.14	peak
3	12699.400	52.16	-6.05	46.11	74.00	-27.89	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



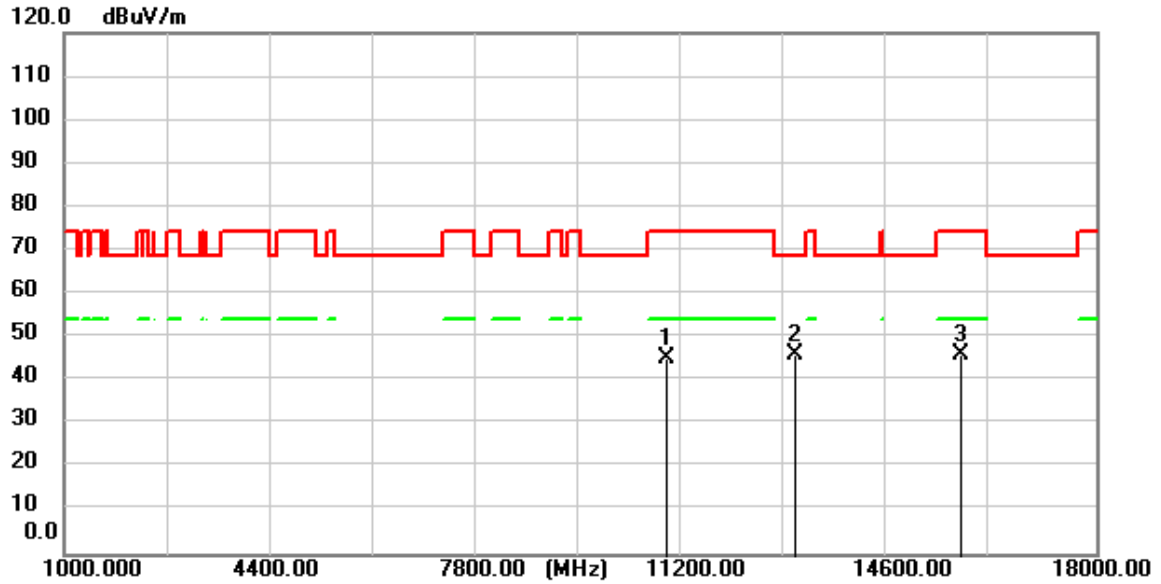
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8426.450	52.66	-8.65	44.01	74.00	-29.99	peak
2	10310.050	49.99	-5.84	44.15	68.30	-24.15	peak
3	12798.850	52.02	-6.00	46.02	68.30	-22.28	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



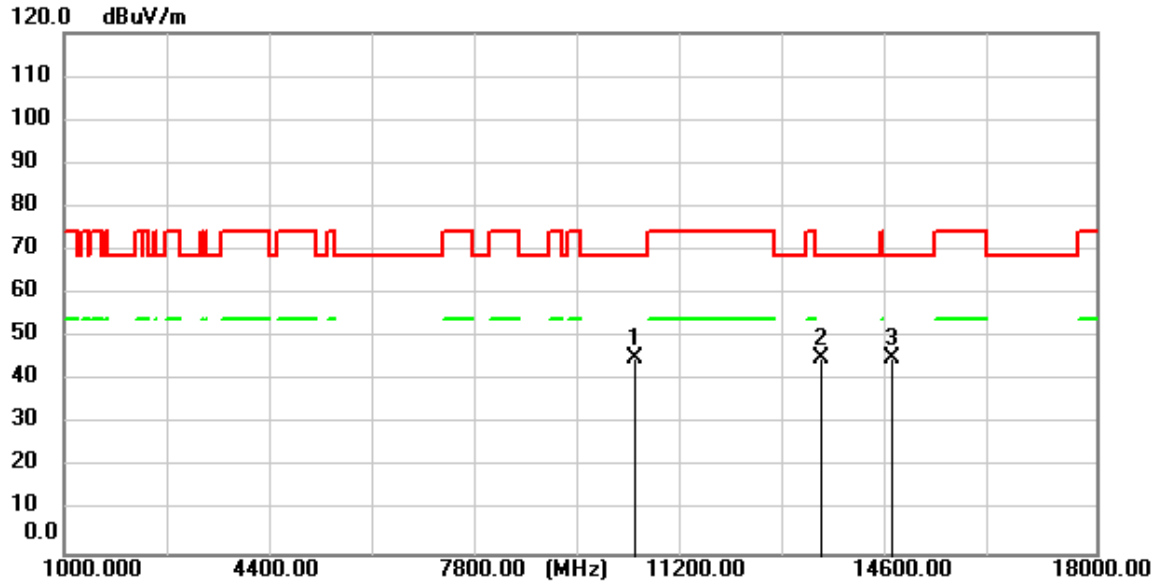
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10394.200	52.80	-5.91	46.89	68.30	-21.41	peak
2	12597.400	51.17	-6.10	45.07	74.00	-28.93	peak
3	15254.500	49.77	-4.33	45.44	68.30	-22.86	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



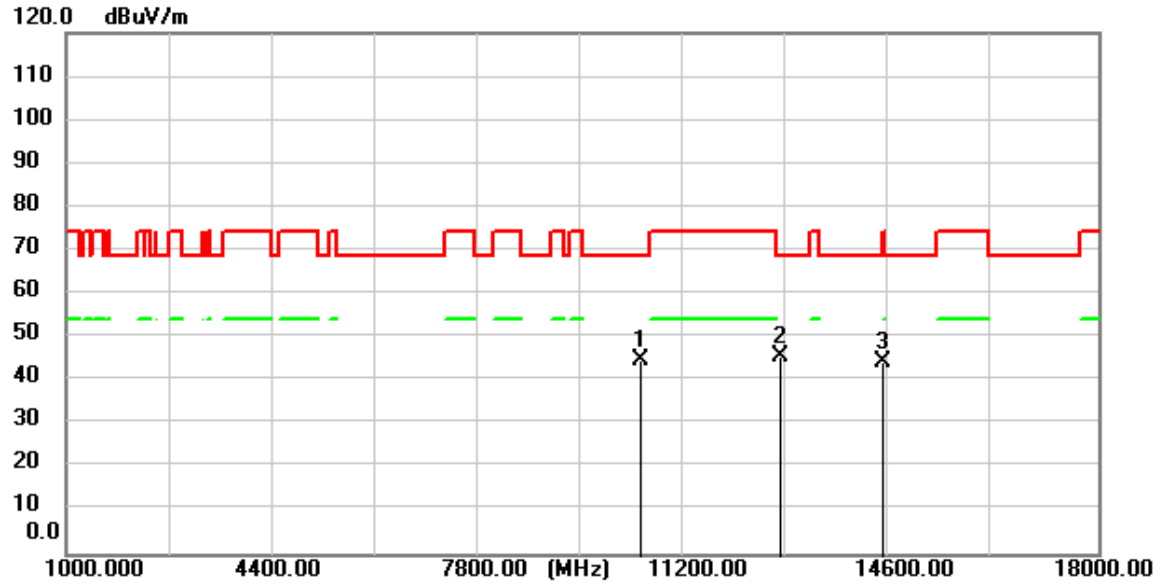
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10914.400	51.72	-6.35	45.37	74.00	-28.63	peak
2	13030.050	52.10	-5.85	46.25	68.30	-22.05	peak
3	15758.550	49.53	-3.49	46.04	74.00	-27.96	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



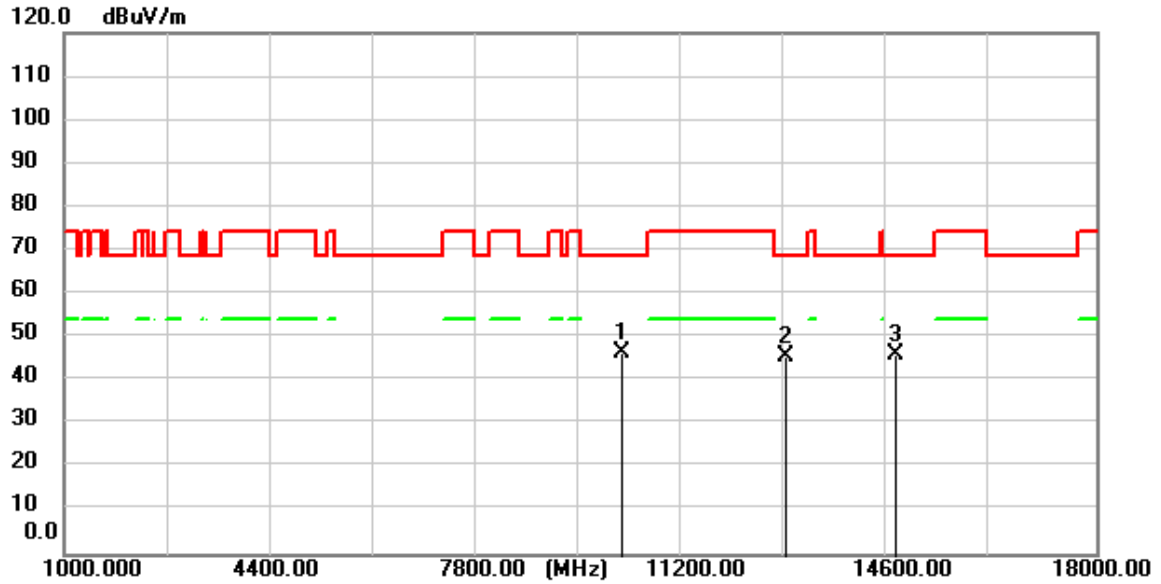
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10414.600	50.97	-5.92	45.05	68.30	-23.25	peak
2	13450.800	50.65	-5.57	45.08	68.30	-23.22	peak
3	14639.100	50.43	-5.08	45.35	68.30	-22.95	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



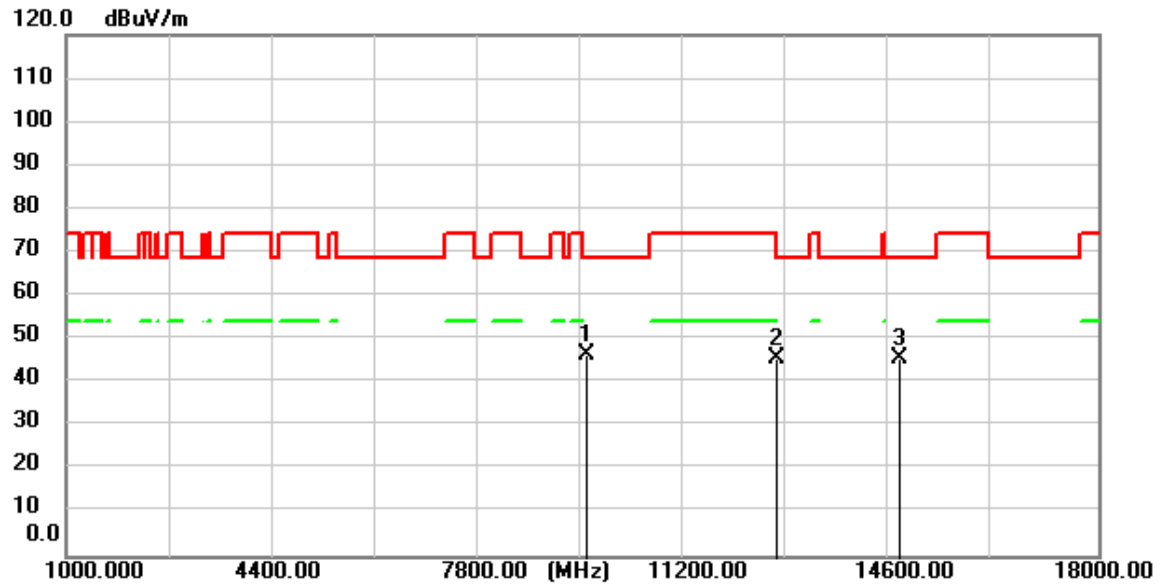
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.950	50.89	-5.94	44.95	68.30	-23.35	peak
2	12768.250	51.55	-6.01	45.54	68.30	-22.76	peak
3	14442.750	49.73	-5.25	44.48	68.30	-23.82	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



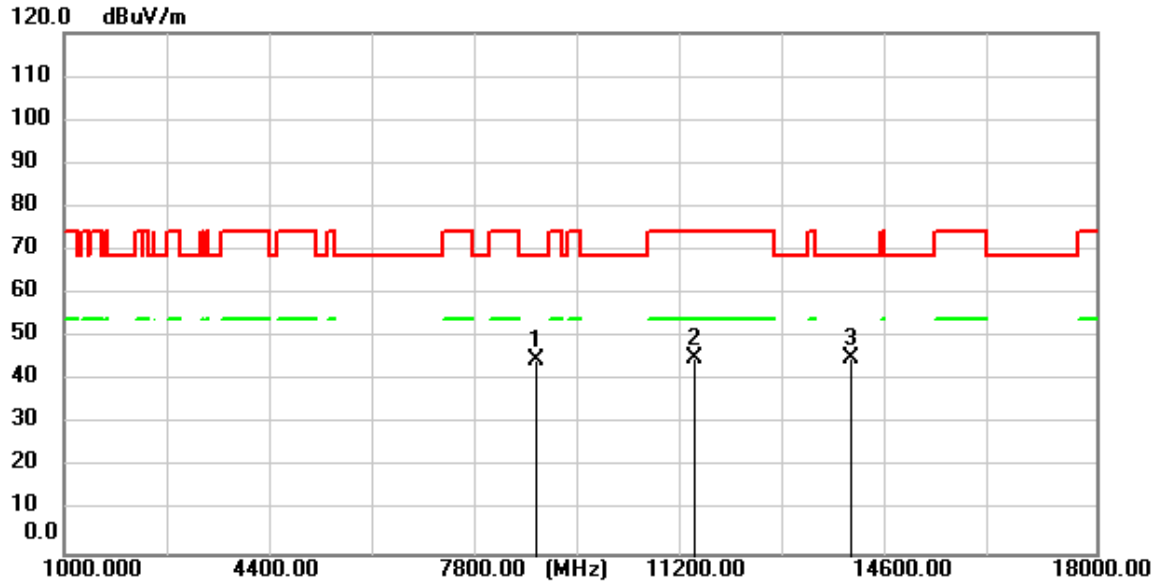
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10180.850	52.04	-5.73	46.31	68.30	-21.99	peak
2	12874.500	51.76	-5.95	45.81	68.30	-22.49	peak
3	14695.200	51.27	-5.03	46.24	68.30	-22.06	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



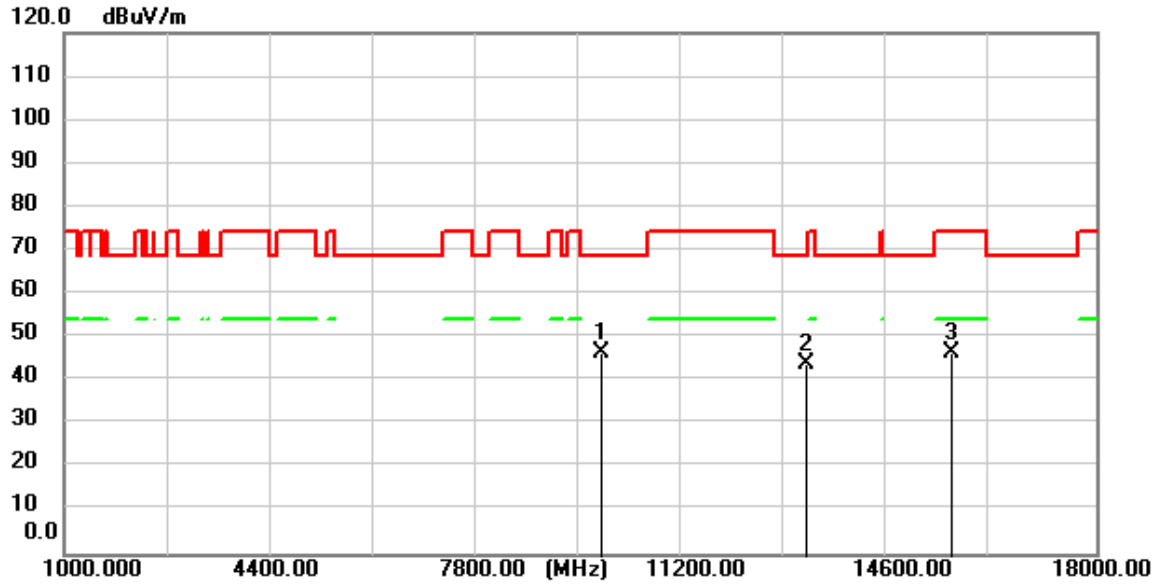
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9579.900	52.95	-6.33	46.62	68.30	-21.68	peak
2	12709.600	51.77	-6.05	45.72	68.30	-22.58	peak
3	14734.300	50.65	-4.99	45.66	68.30	-22.64	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



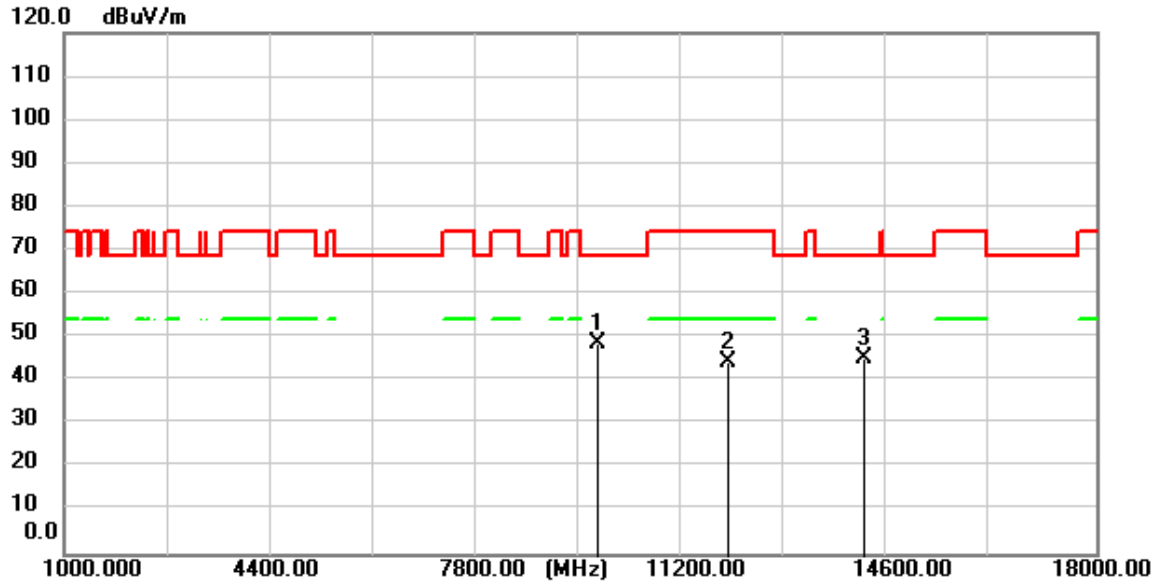
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8769.000	53.06	-8.16	44.90	68.30	-23.40	peak
2	11382.750	51.82	-6.45	45.37	74.00	-28.63	peak
3	13965.900	50.70	-5.30	45.40	68.30	-22.90	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



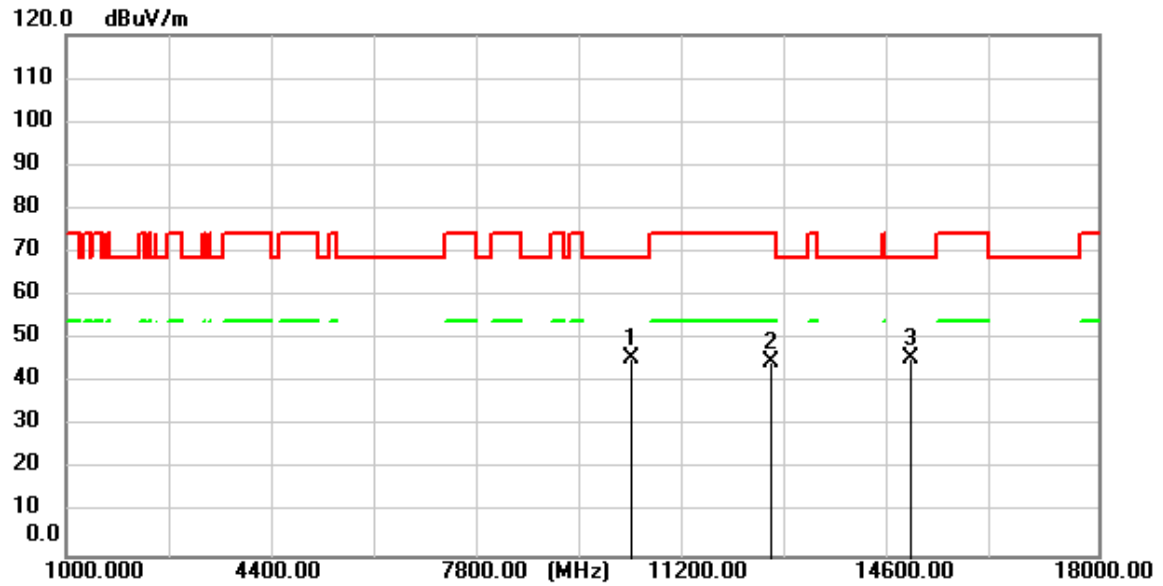
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9850.200	52.08	-5.64	46.44	68.30	-21.86	peak
2	13234.050	49.48	-5.68	43.80	68.30	-24.50	peak
3	15614.900	50.03	-3.73	46.30	74.00	-27.70	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



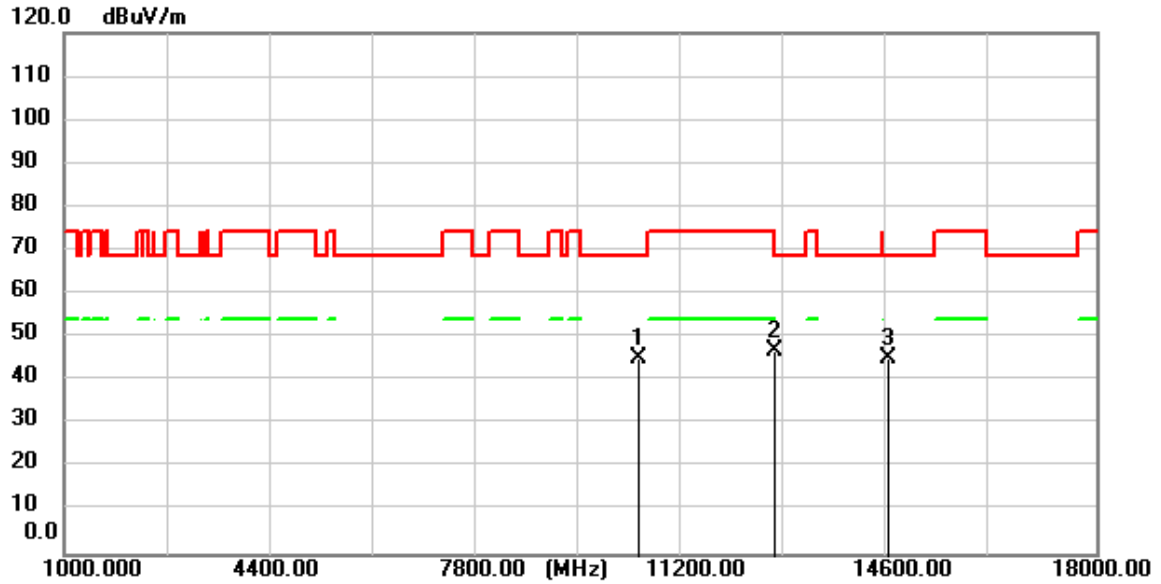
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9773.700	54.32	-5.83	48.49	68.30	-19.81	peak
2	11936.950	50.73	-6.47	44.26	74.00	-29.74	peak
3	14173.300	50.31	-5.29	45.02	68.30	-23.28	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



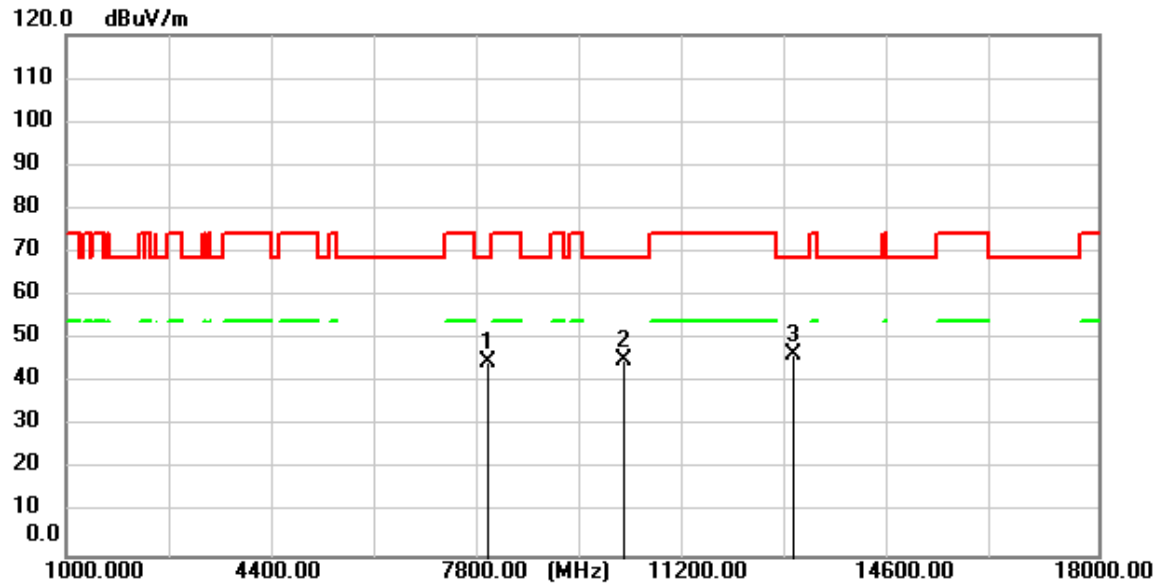
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10314.300	51.34	-5.84	45.50	68.30	-22.80	peak
2	12612.700	51.08	-6.09	44.99	74.00	-29.01	peak
3	14909.400	50.56	-4.84	45.72	68.30	-22.58	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



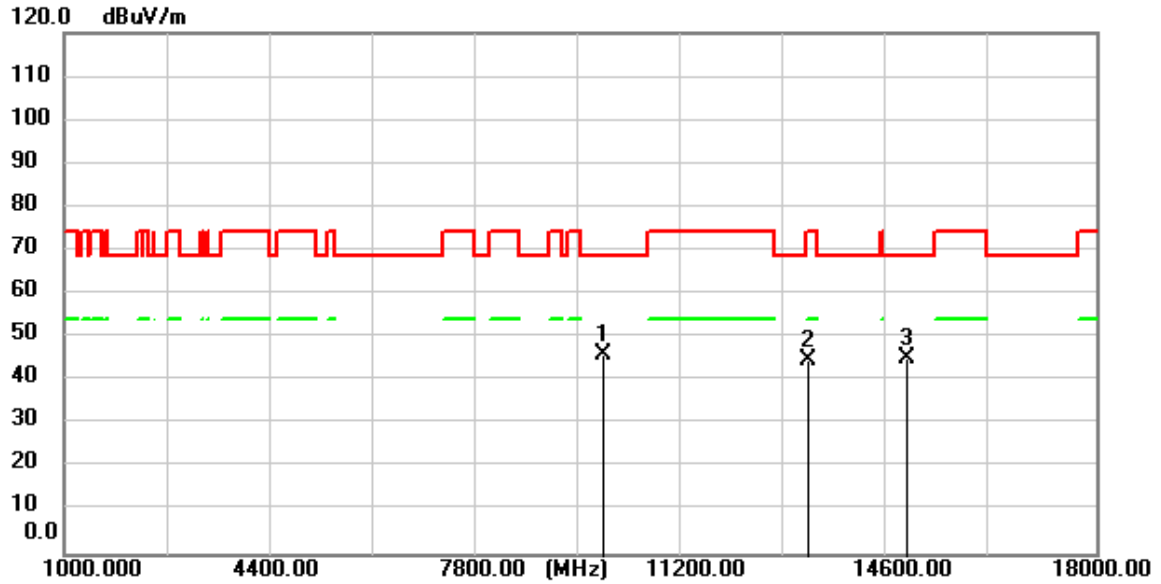
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10436.700	51.31	-5.94	45.37	68.30	-22.93	peak
2	12700.250	53.09	-6.04	47.05	68.30	-21.25	peak
3	14574.500	50.29	-5.14	45.15	68.30	-23.15	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



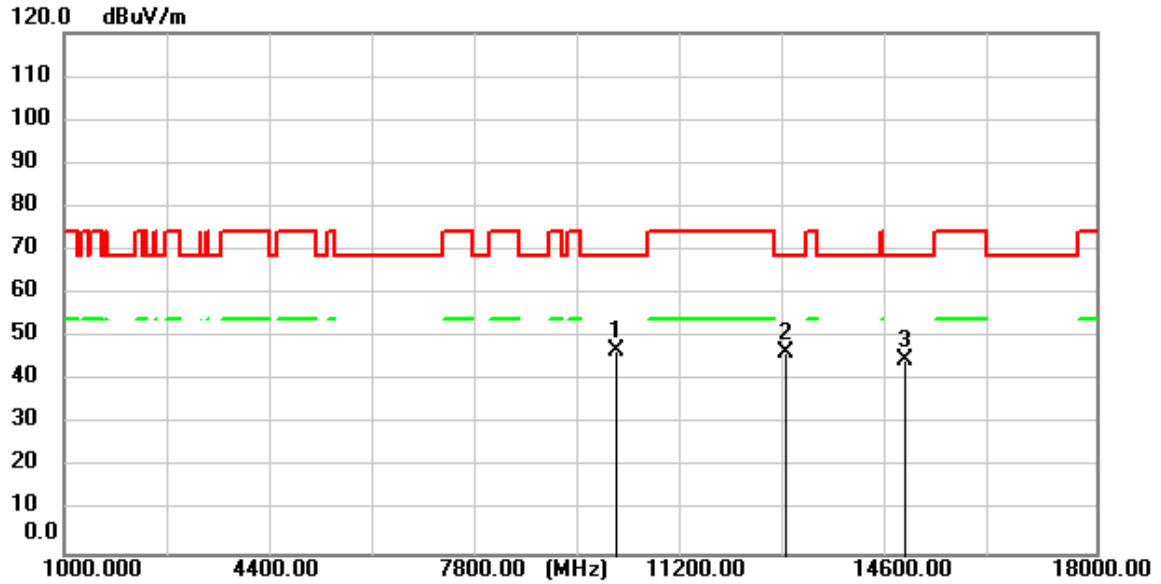
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7946.200	54.29	-9.36	44.93	68.30	-23.37	peak
2	10185.100	51.04	-5.73	45.31	68.30	-22.99	peak
3	12982.450	52.48	-5.90	46.58	68.30	-21.72	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



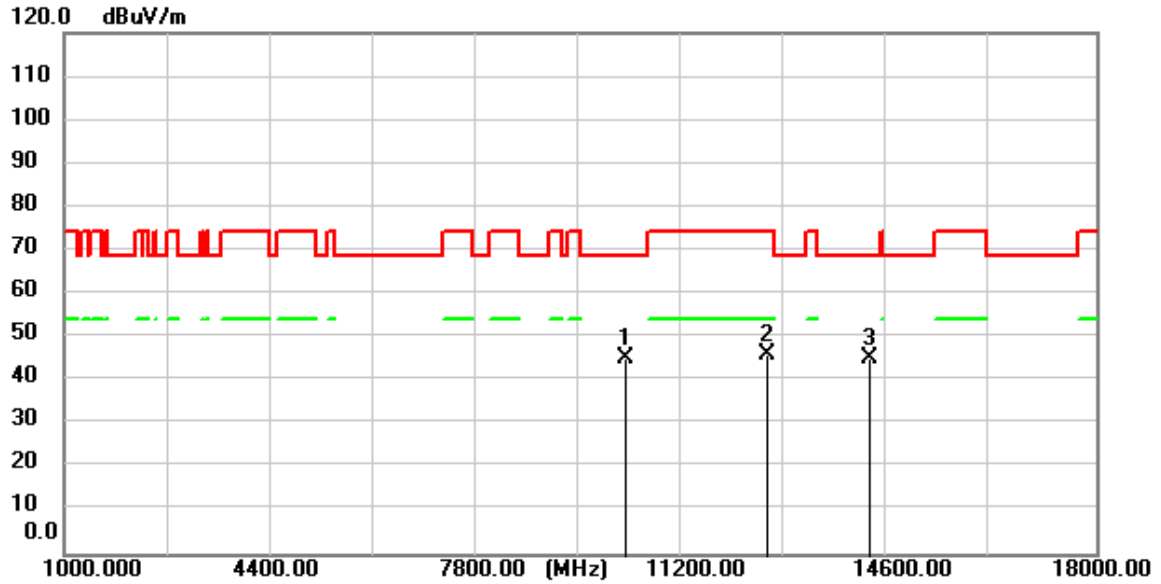
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9877.400	51.50	-5.63	45.87	68.30	-22.43	peak
2	13271.450	50.48	-5.66	44.82	74.00	-29.18	peak
3	14864.350	49.93	-4.88	45.05	68.30	-23.25	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



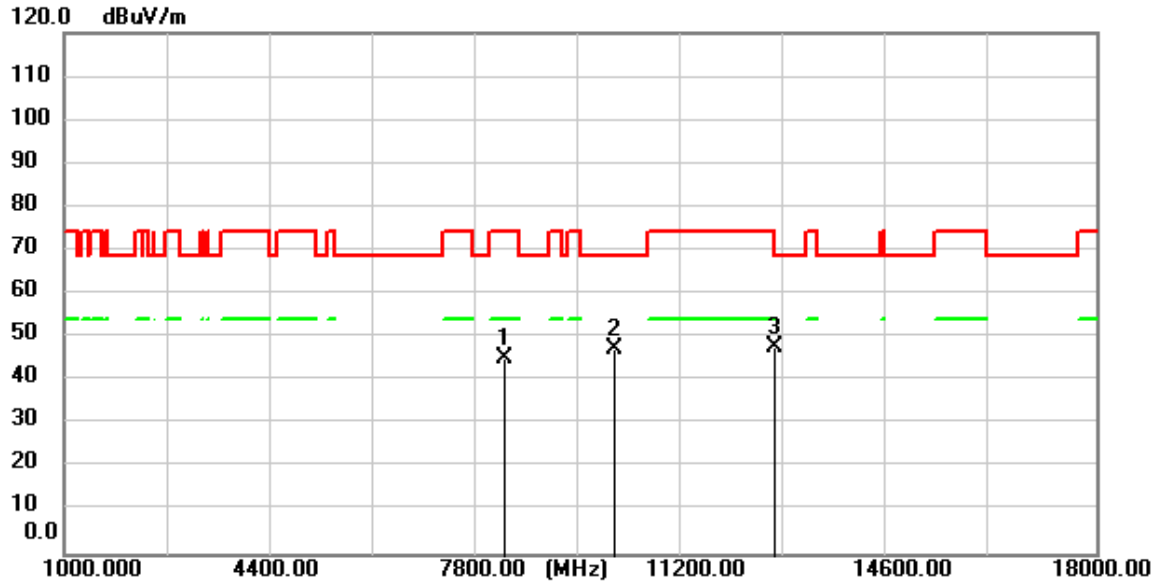
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10100.100	52.52	-5.66	46.86	68.30	-21.44	peak
2	12878.750	52.51	-5.96	46.55	68.30	-21.75	peak
3	14838.850	49.89	-4.90	44.99	68.30	-23.31	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



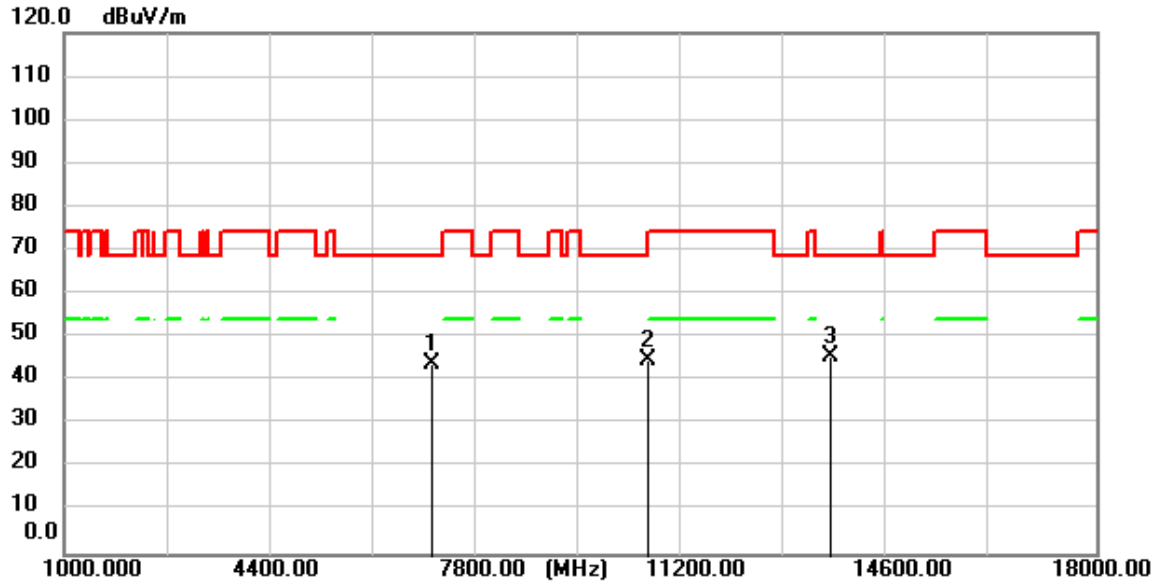
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10249.700	51.20	-5.79	45.41	68.30	-22.89	peak
2	12594.000	52.35	-6.10	46.25	74.00	-27.75	peak
3	14265.950	50.52	-5.28	45.24	68.30	-23.06	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



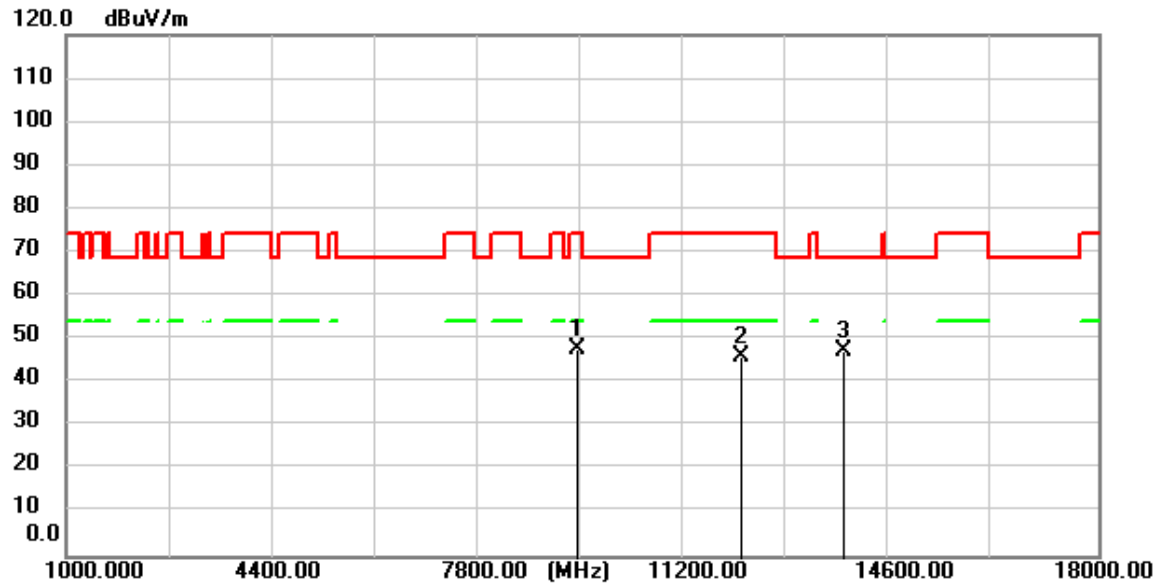
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8256.450	54.30	-8.90	45.40	74.00	-28.60	peak
2	10045.700	53.06	-5.61	47.45	68.30	-20.85	peak
3	12687.500	53.72	-6.05	47.67	74.00	-26.33	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

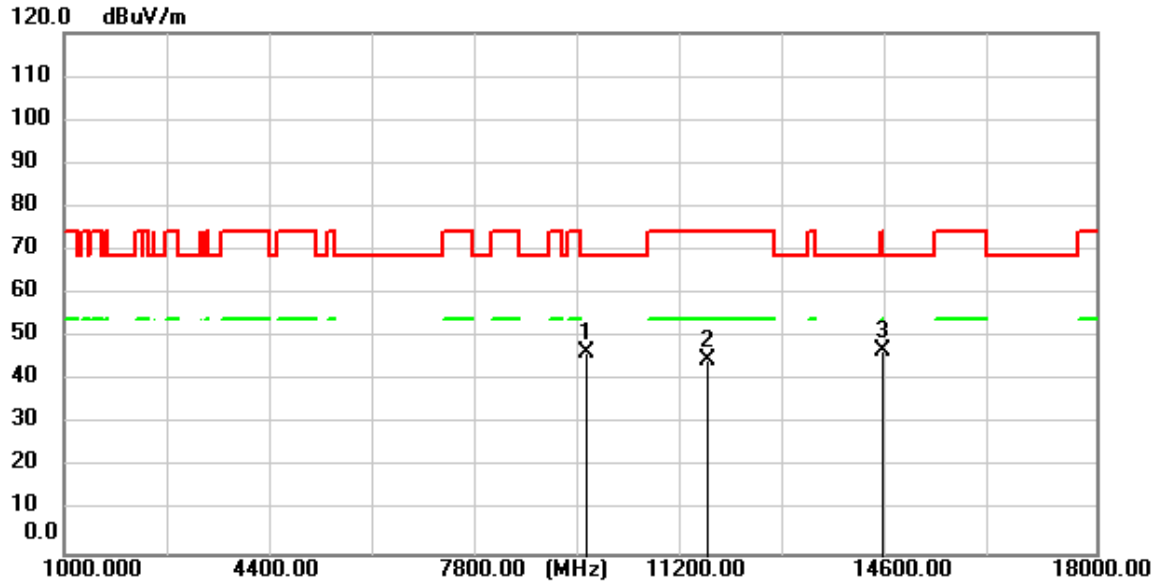


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7036.700	53.81	-10.08	43.73	68.30	-24.57	peak
2	10614.350	50.92	-6.09	44.83	74.00	-29.17	peak
3	13606.350	51.22	-5.49	45.73	68.30	-22.57	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

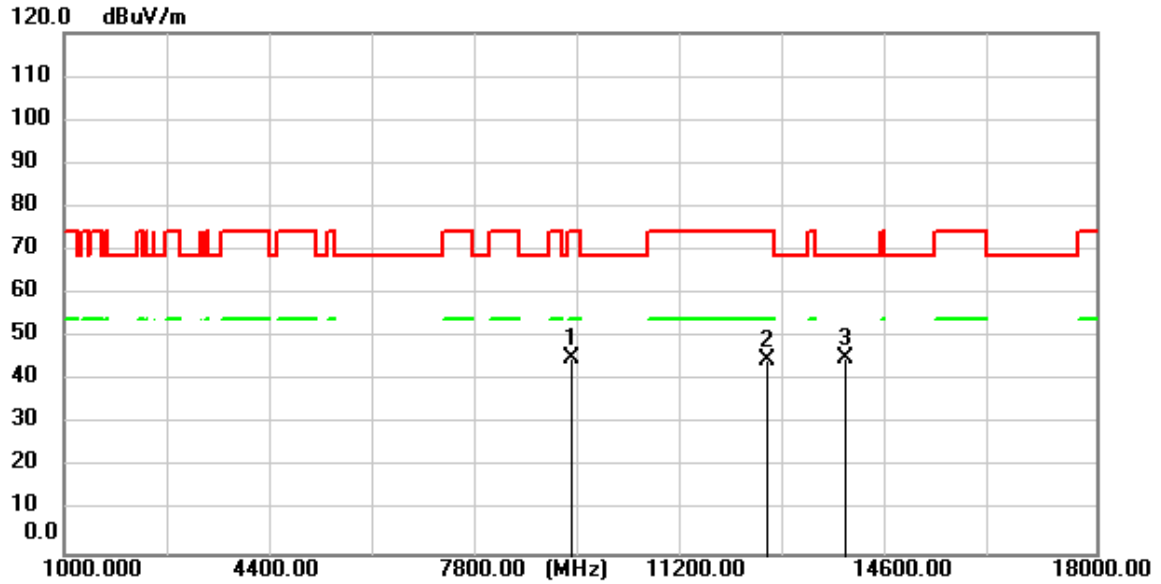


Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



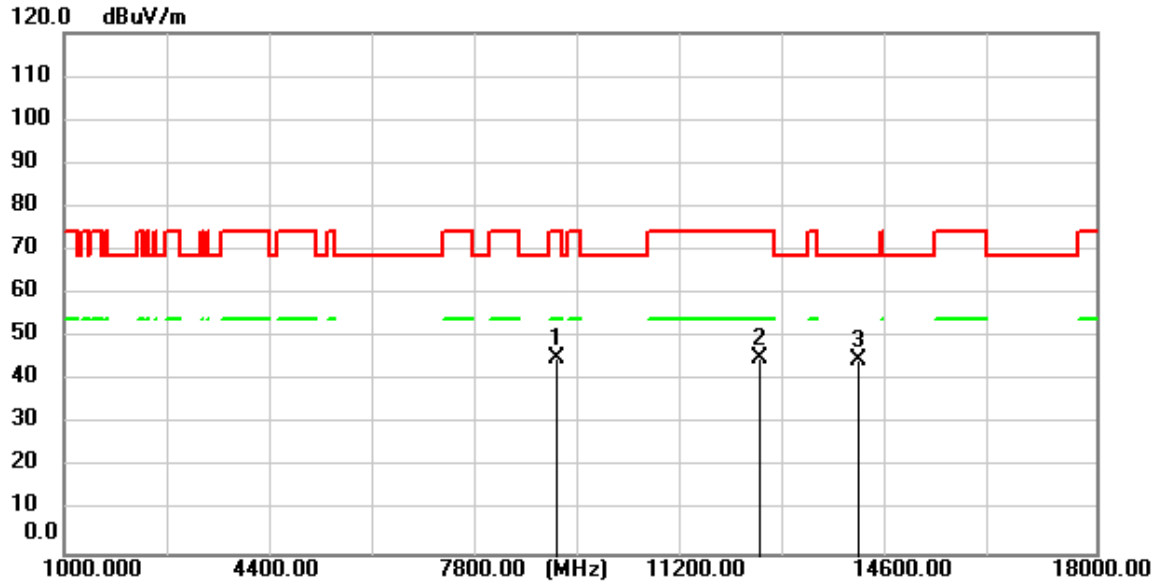
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9618.150	52.57	-6.23	46.34	68.30	-21.96	peak
2	11587.600	51.28	-6.46	44.82	74.00	-29.18	peak
3	14482.700	52.22	-5.22	47.00	74.00	-27.00	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



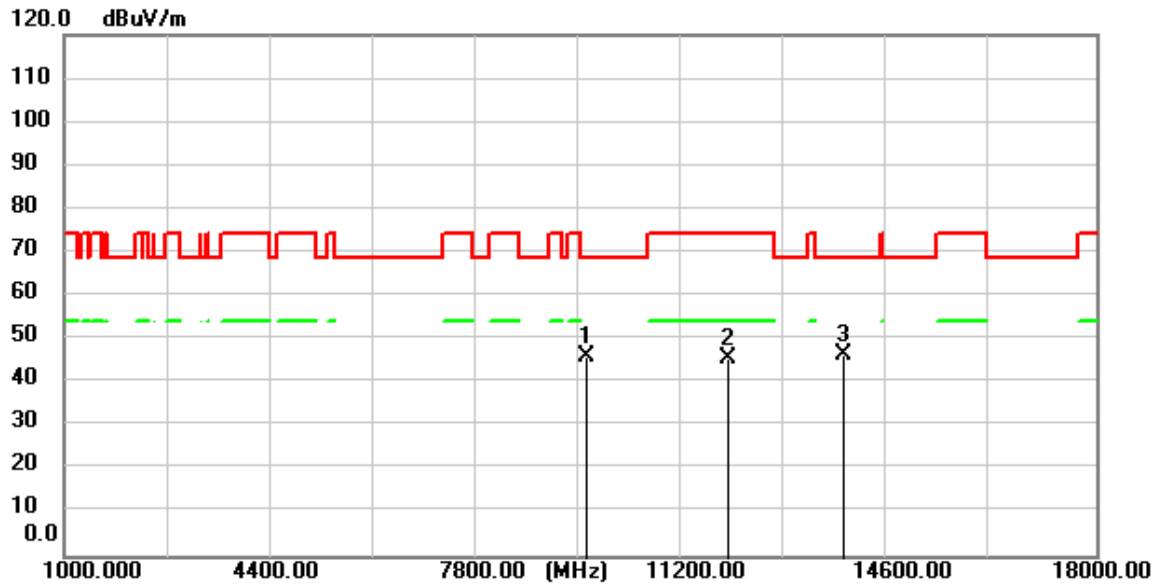
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9357.200	52.08	-6.89	45.19	74.00	-28.81	peak
2	12594.000	51.00	-6.10	44.90	74.00	-29.10	peak
3	13863.900	50.77	-5.35	45.42	68.30	-22.88	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



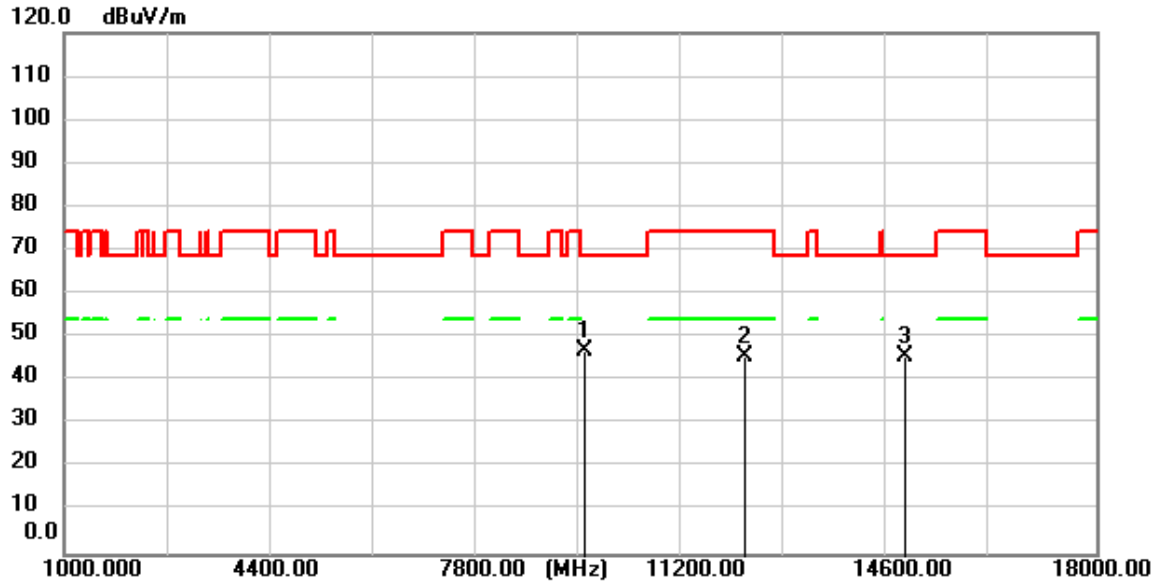
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9109.000	52.54	-7.51	45.03	74.00	-28.97	peak
2	12464.800	51.49	-6.18	45.31	74.00	-28.69	peak
3	14081.500	50.25	-5.28	44.97	68.30	-23.33	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



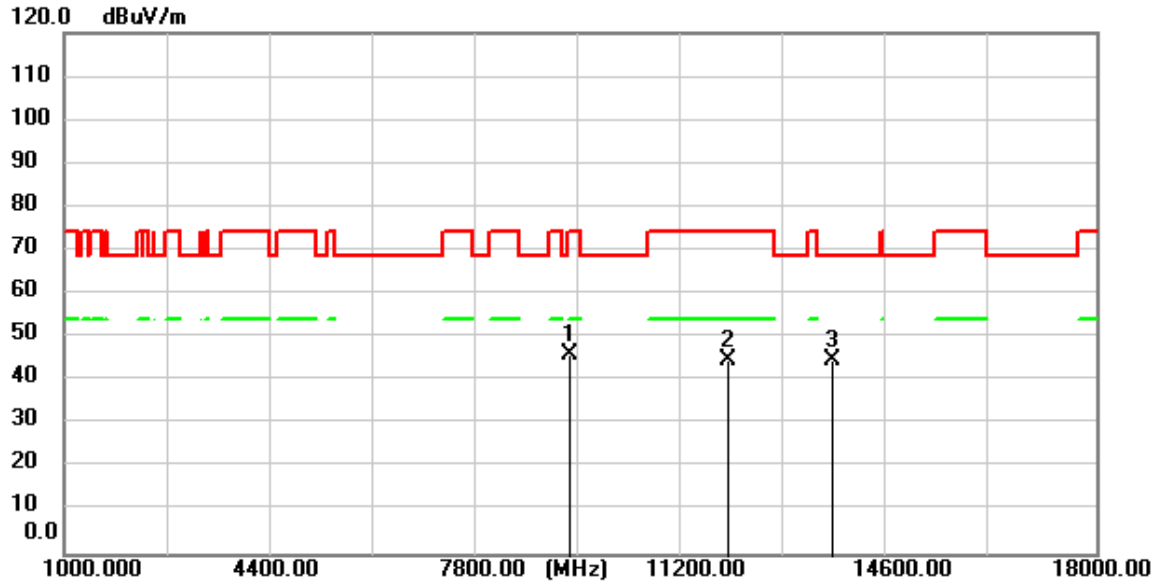
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9602.000	52.27	-6.26	46.01	68.30	-22.29	peak
2	11926.750	51.99	-6.47	45.52	74.00	-28.48	peak
3	13820.550	52.07	-5.37	46.70	68.30	-21.60	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



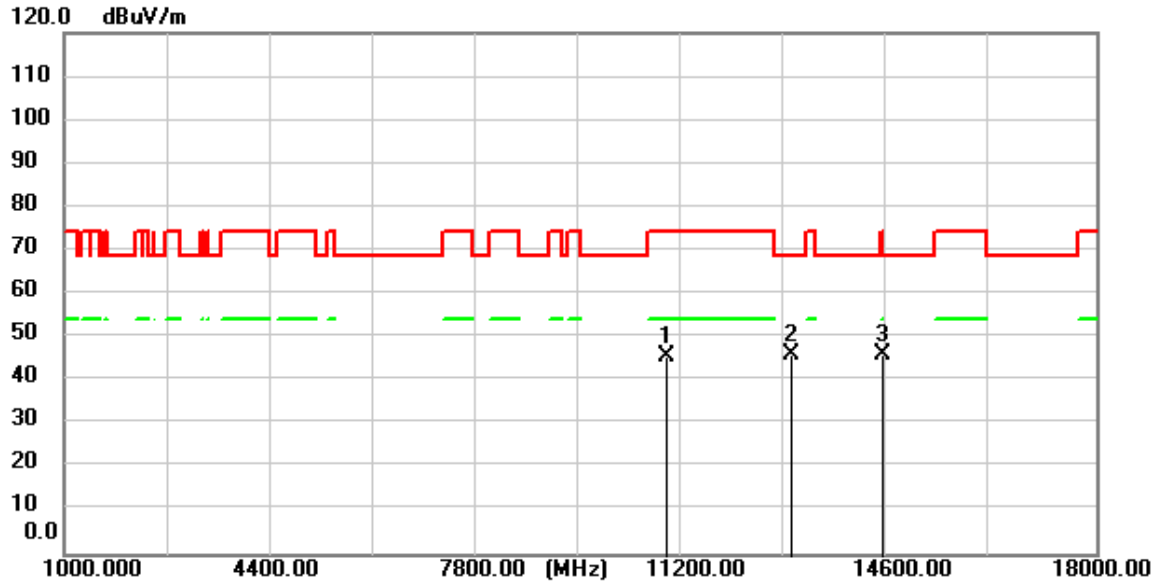
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9559.500	53.37	-6.38	46.99	68.30	-21.31	peak
2	12186.850	51.98	-6.32	45.66	74.00	-28.34	peak
3	14854.150	50.44	-4.89	45.55	68.30	-22.75	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



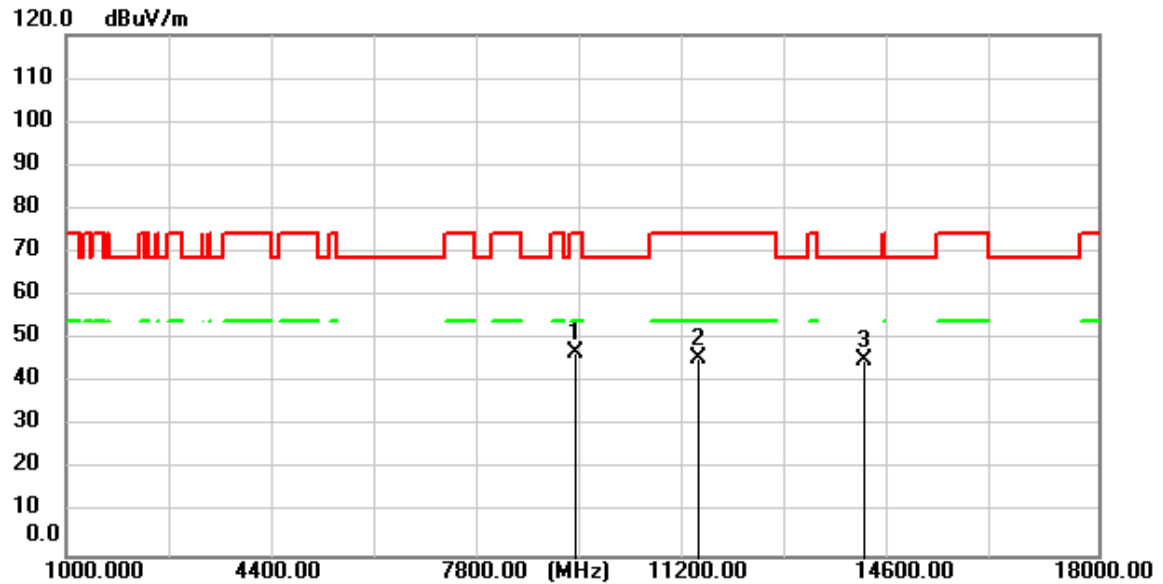
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9318.100	53.06	-6.99	46.07	74.00	-27.93	peak
2	11943.750	51.30	-6.46	44.84	74.00	-29.16	peak
3	13651.400	50.06	-5.46	44.60	68.30	-23.70	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle

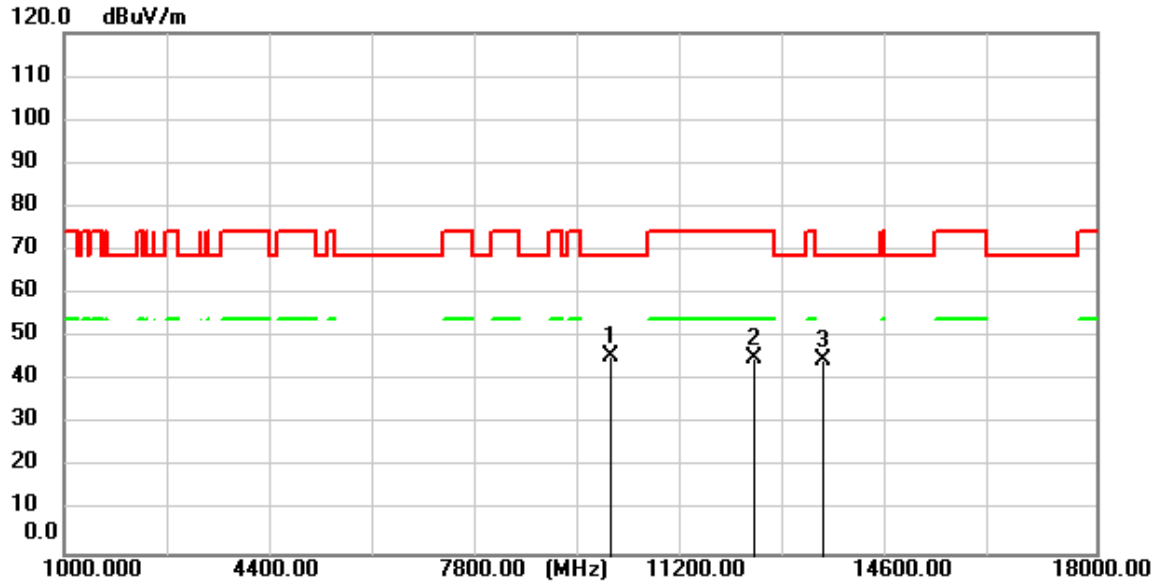


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10918.650	52.05	-6.35	45.70	74.00	-28.30	peak
2	12973.100	51.86	-5.91	45.95	68.30	-22.35	peak
3	14488.650	51.19	-5.21	45.98	74.00	-28.02	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High

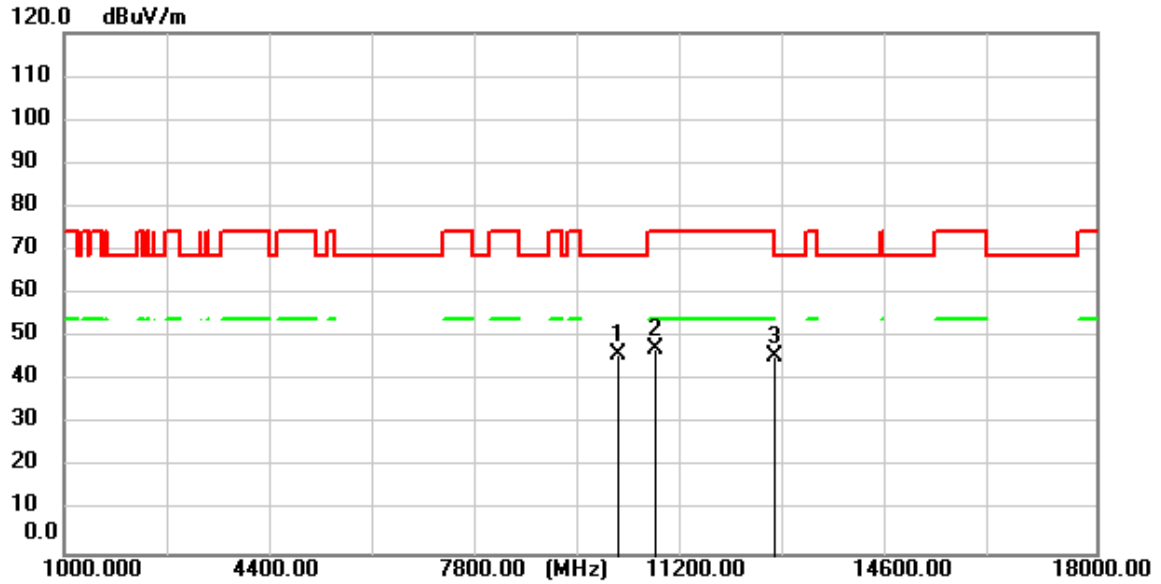


Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



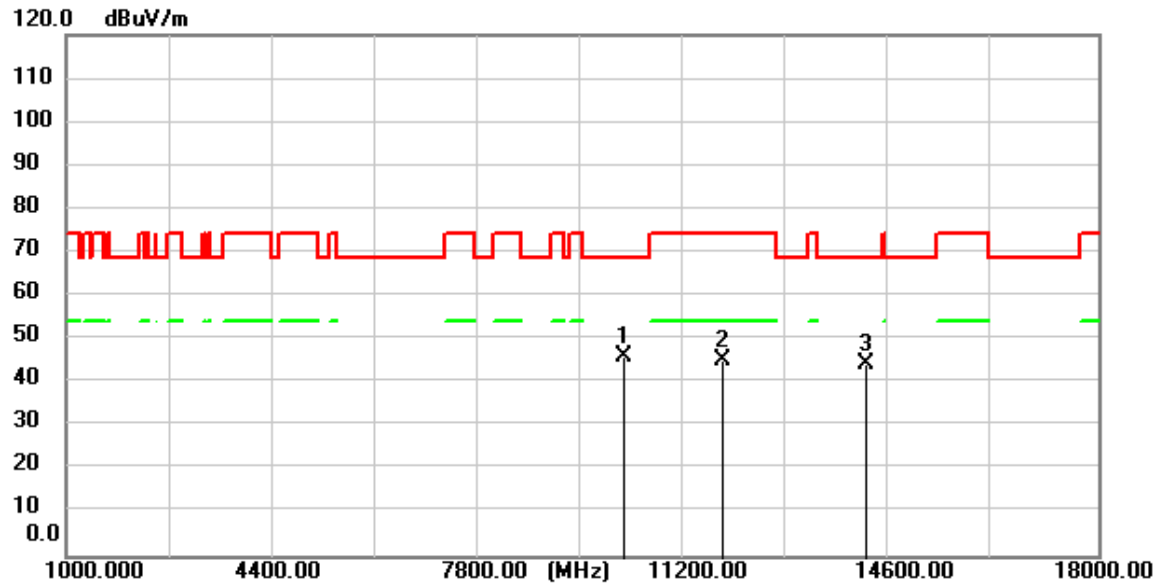
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9986.200	51.39	-5.59	45.80	68.30	-22.50	peak
2	12353.450	51.24	-6.23	45.01	74.00	-28.99	peak
3	13499.250	50.53	-5.55	44.98	68.30	-23.32	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



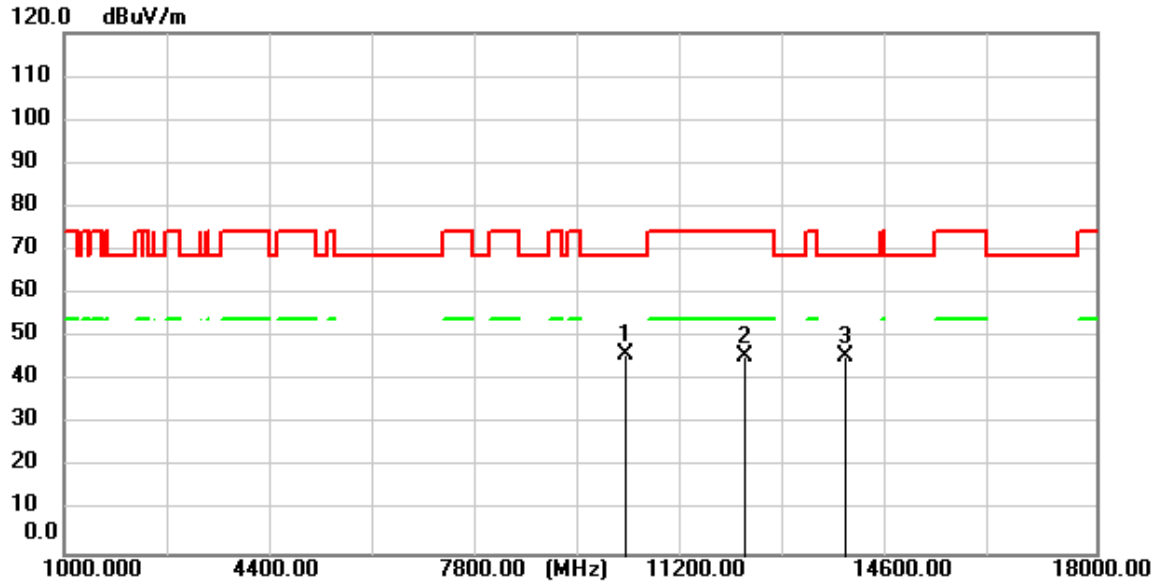
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10118.800	51.58	-5.67	45.91	68.30	-22.39	peak
2	10724.850	53.40	-6.18	47.22	74.00	-26.78	peak
3	12711.300	51.73	-6.05	45.68	68.30	-22.62	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



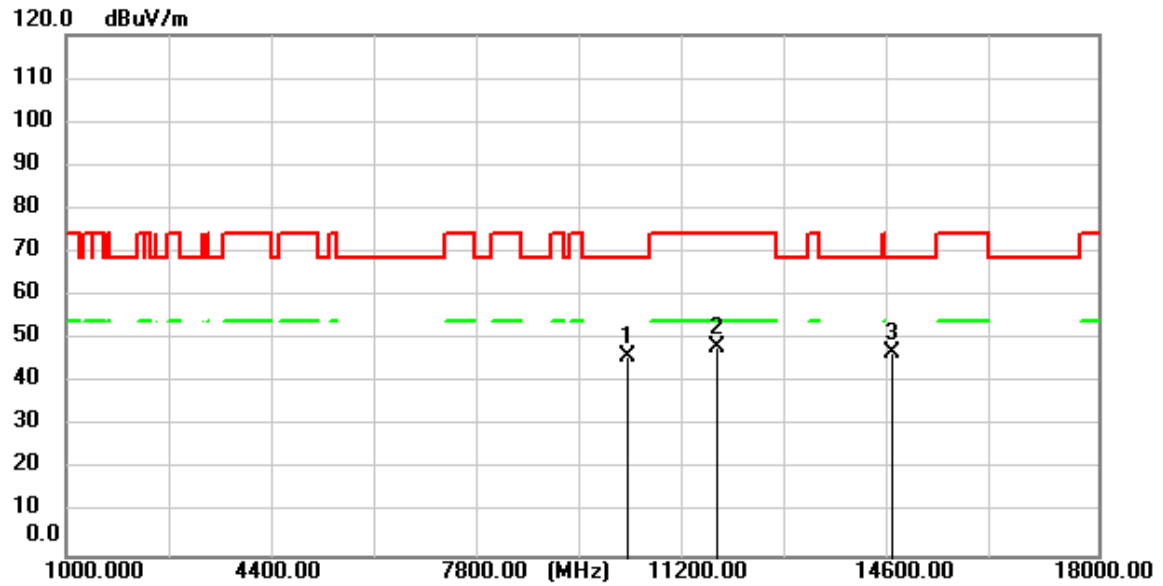
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10194.450	51.65	-5.74	45.91	68.30	-22.39	peak
2	11800.950	51.71	-6.48	45.23	74.00	-28.77	peak
3	14166.500	49.86	-5.29	44.57	68.30	-23.73	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



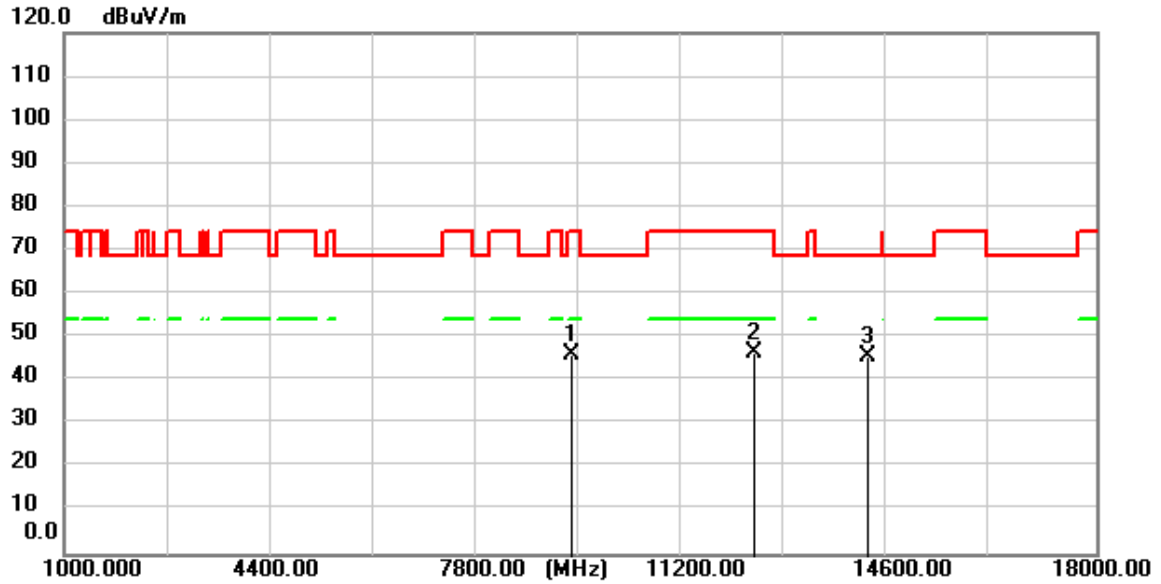
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.550	51.95	-5.78	46.17	68.30	-22.13	peak
2	12196.200	51.94	-6.31	45.63	74.00	-28.37	peak
3	13868.150	50.88	-5.35	45.53	68.30	-22.77	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



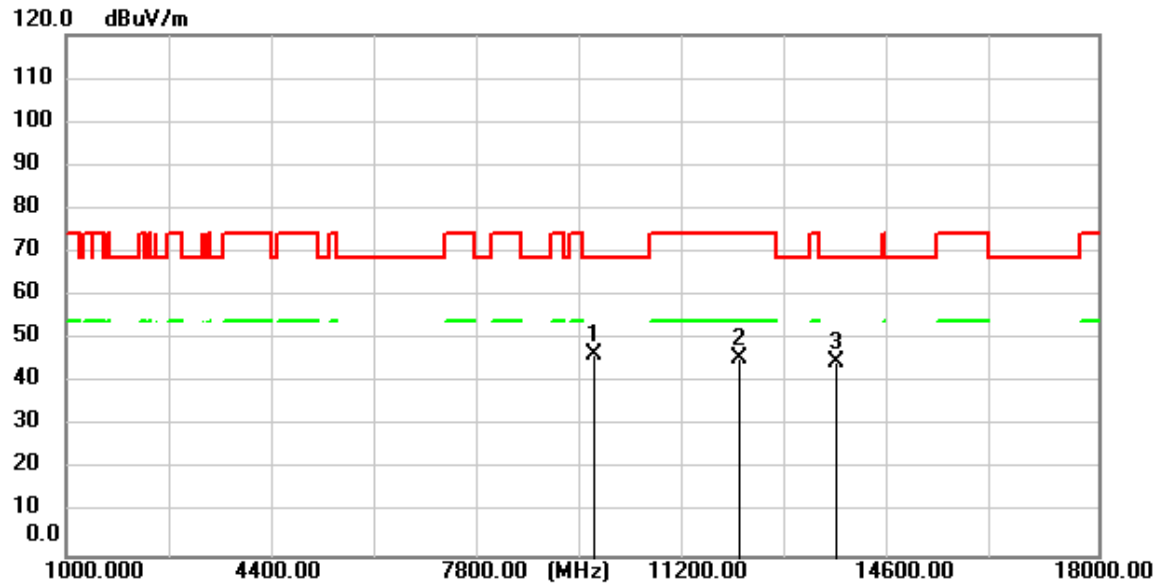
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10240.350	51.87	-5.78	46.09	68.30	-22.21	peak
2	11707.450	54.67	-6.47	48.20	74.00	-25.80	peak
3	14589.800	52.16	-5.12	47.04	68.30	-21.26	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



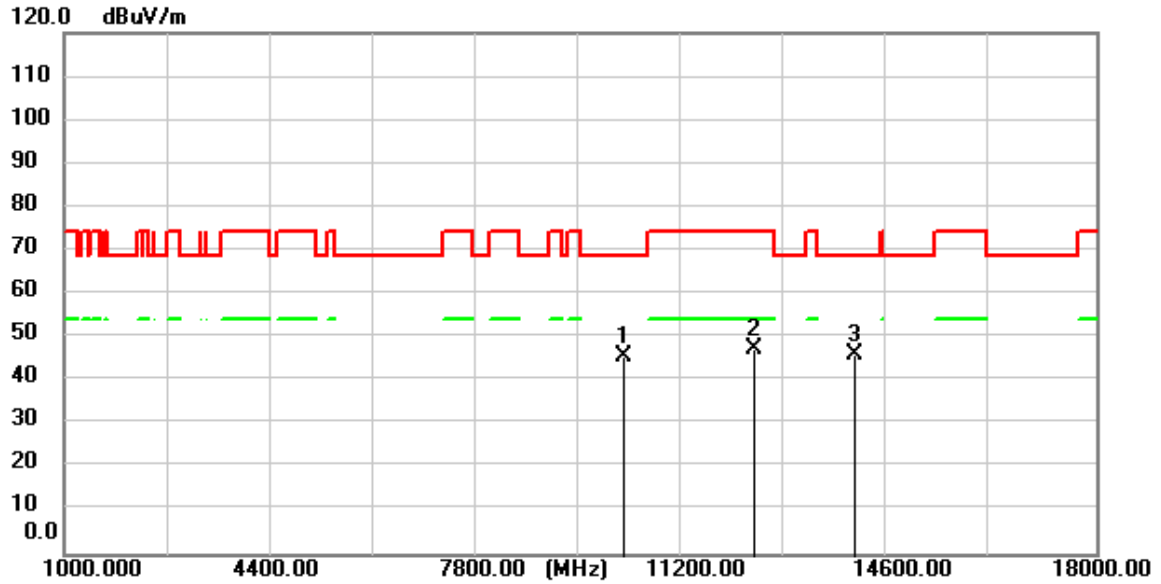
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9357.200	53.11	-6.89	46.22	74.00	-27.78	peak
2	12368.750	52.85	-6.22	46.63	74.00	-27.37	peak
3	14236.200	51.11	-5.28	45.83	68.30	-22.47	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



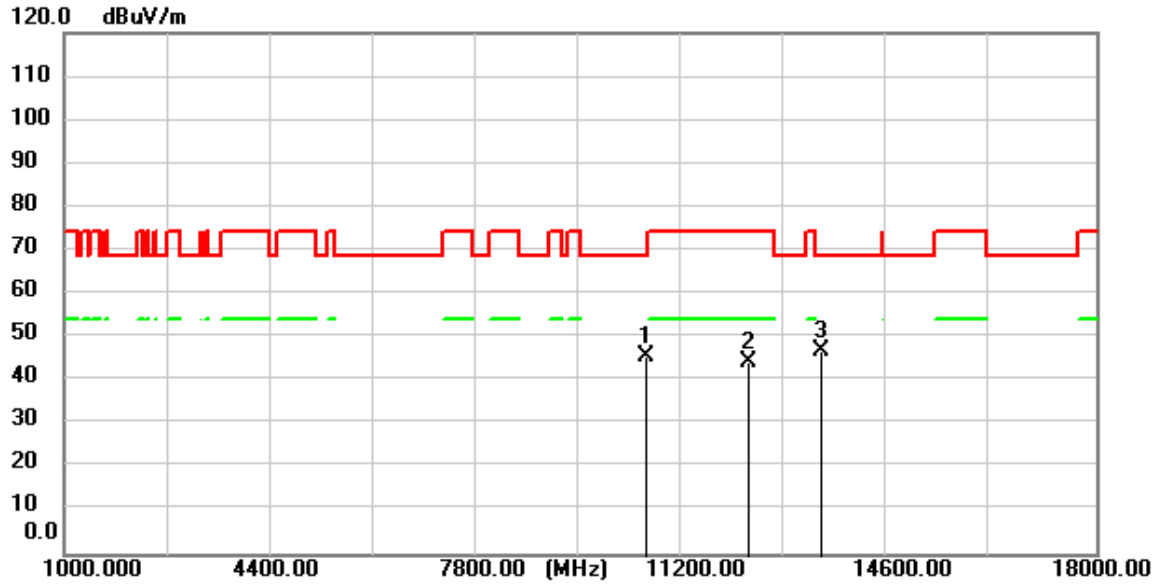
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9691.250	52.38	-6.04	46.34	68.30	-21.96	peak
2	12075.500	51.99	-6.38	45.61	74.00	-28.39	peak
3	13669.250	50.44	-5.46	44.98	68.30	-23.32	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



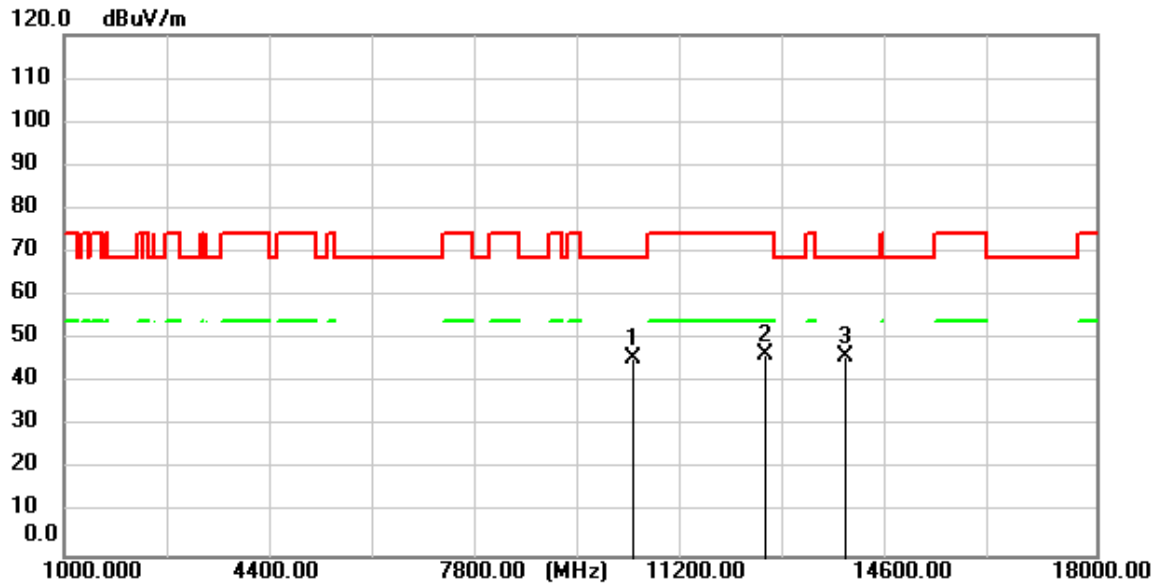
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10227.600	51.25	-5.77	45.48	68.30	-22.82	peak
2	12367.900	53.44	-6.22	47.22	74.00	-26.78	peak
3	14035.600	51.16	-5.28	45.88	68.30	-22.42	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



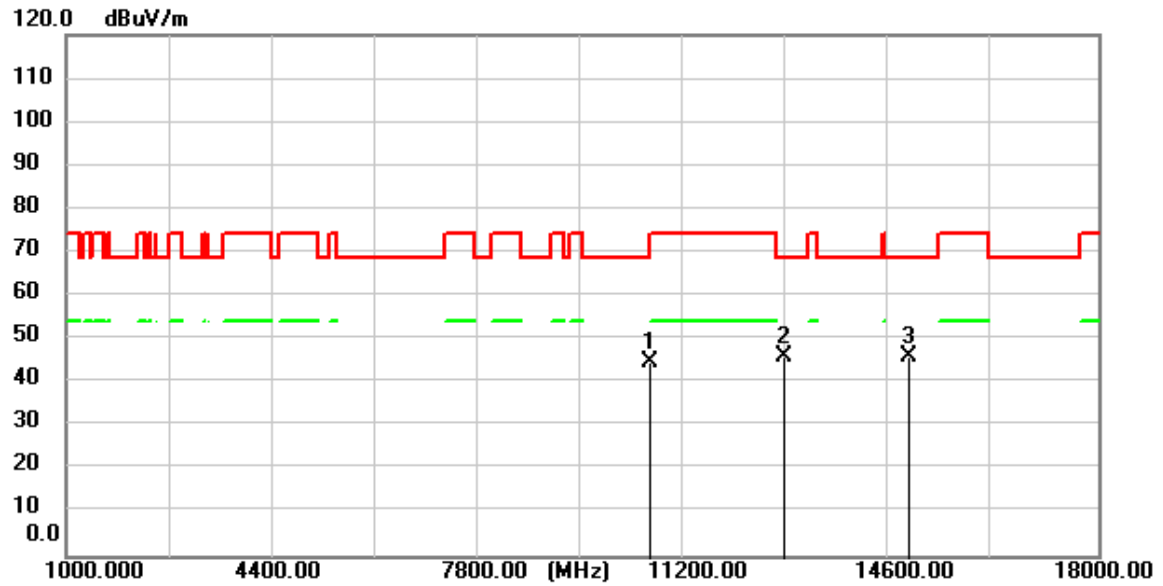
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10571.850	51.71	-6.06	45.65	68.30	-22.65	peak
2	12257.400	50.66	-6.28	44.38	74.00	-29.62	peak
3	13474.600	52.64	-5.55	47.09	68.30	-21.21	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



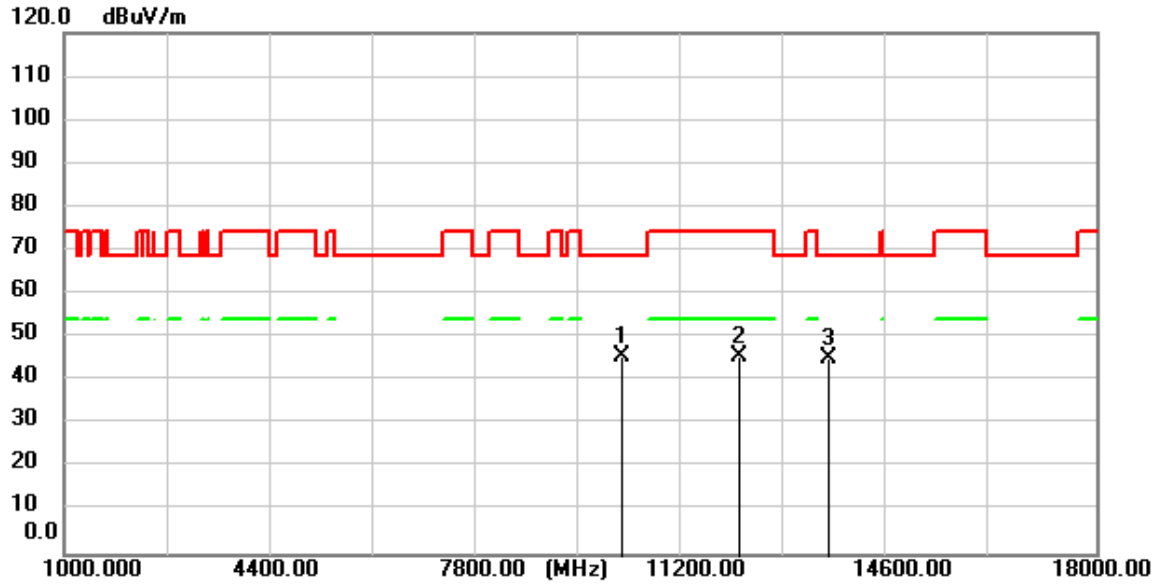
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10378.050	51.72	-5.89	45.83	68.30	-22.47	peak
2	12533.650	52.55	-6.13	46.42	74.00	-27.58	peak
3	13874.100	51.27	-5.35	45.92	68.30	-22.38	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



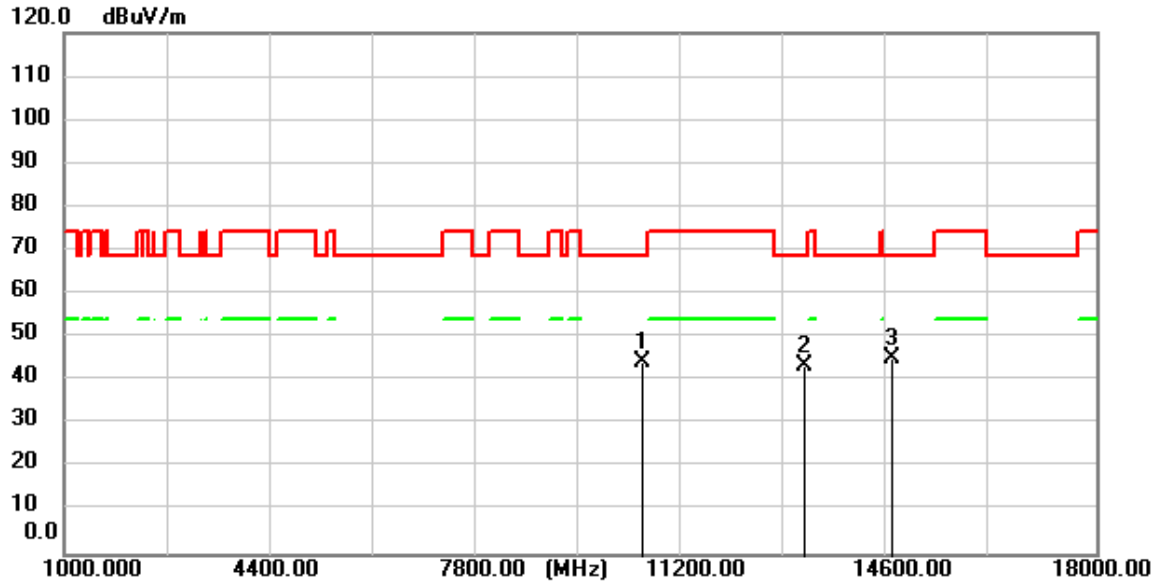
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10593.100	51.06	-6.07	44.99	68.30	-23.31	peak
2	12815.850	52.26	-5.99	46.27	68.30	-22.03	peak
3	14866.050	50.88	-4.88	46.00	68.30	-22.30	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



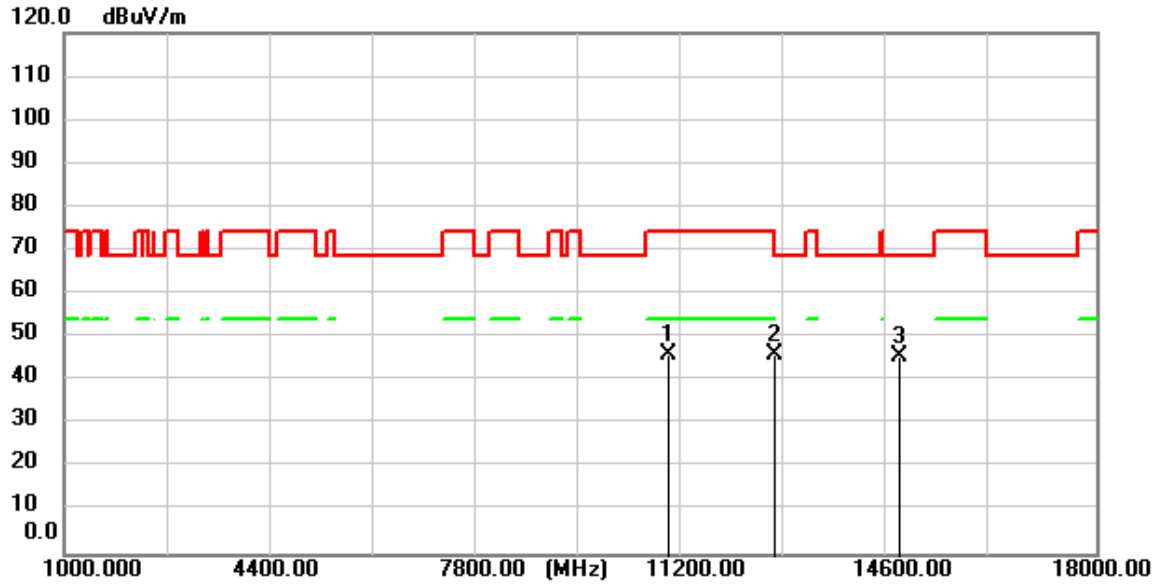
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10175.750	51.15	-5.72	45.43	68.30	-22.87	peak
2	12125.650	52.10	-6.36	45.74	74.00	-28.26	peak
3	13581.700	50.79	-5.50	45.29	68.30	-23.01	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



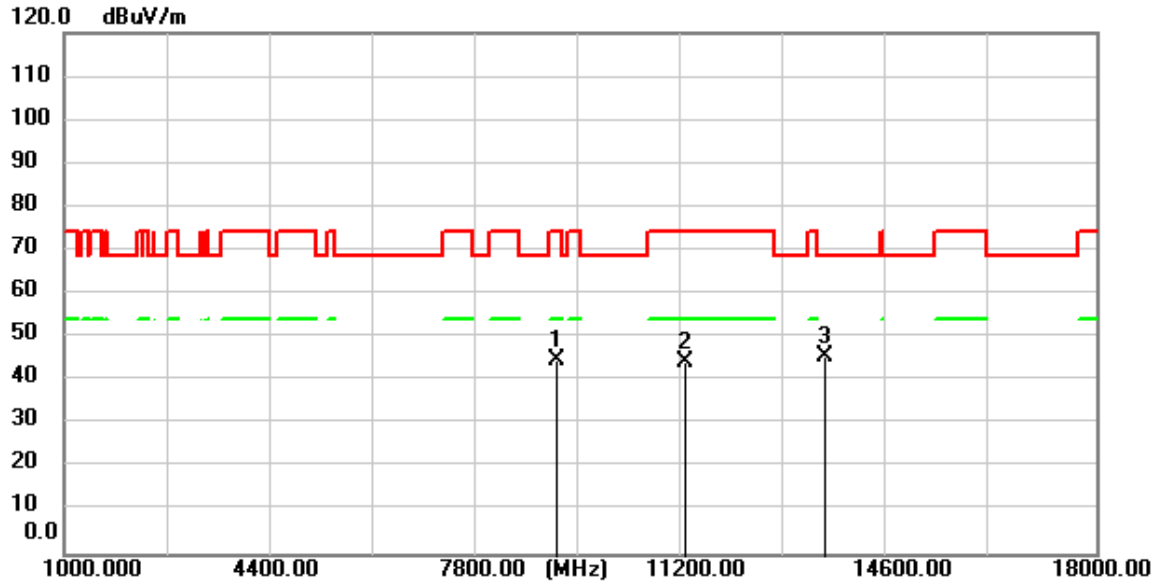
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10511.500	50.16	-6.00	44.16	68.30	-24.14	peak
2	13200.900	49.11	-5.70	43.41	68.30	-24.89	peak
3	14620.400	50.19	-5.10	45.09	68.30	-23.21	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10958.600	52.29	-6.38	45.91	74.00	-28.09	peak
2	12694.300	52.19	-6.05	46.14	74.00	-27.86	peak
3	14770.000	50.48	-4.97	45.51	68.30	-22.79	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9110.700	52.29	-7.51	44.78	74.00	-29.22	peak
2	11228.900	50.84	-6.44	44.40	74.00	-29.60	peak
3	13540.050	51.32	-5.53	45.79	68.30	-22.51	peak

7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.10.5

Measurement Distance: 3M

Limit:

Frequency(MHz)	Field strength(microvolts/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

*(1) 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.

(2) 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.

(3) 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.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) 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.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 23.3 °C

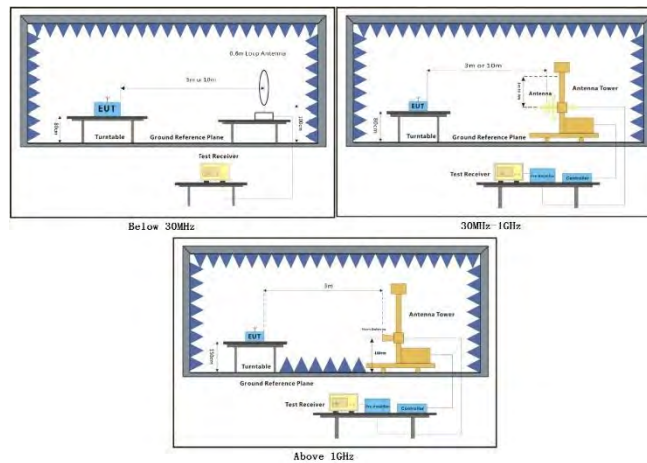
Humidity: 45.2 % RH

Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

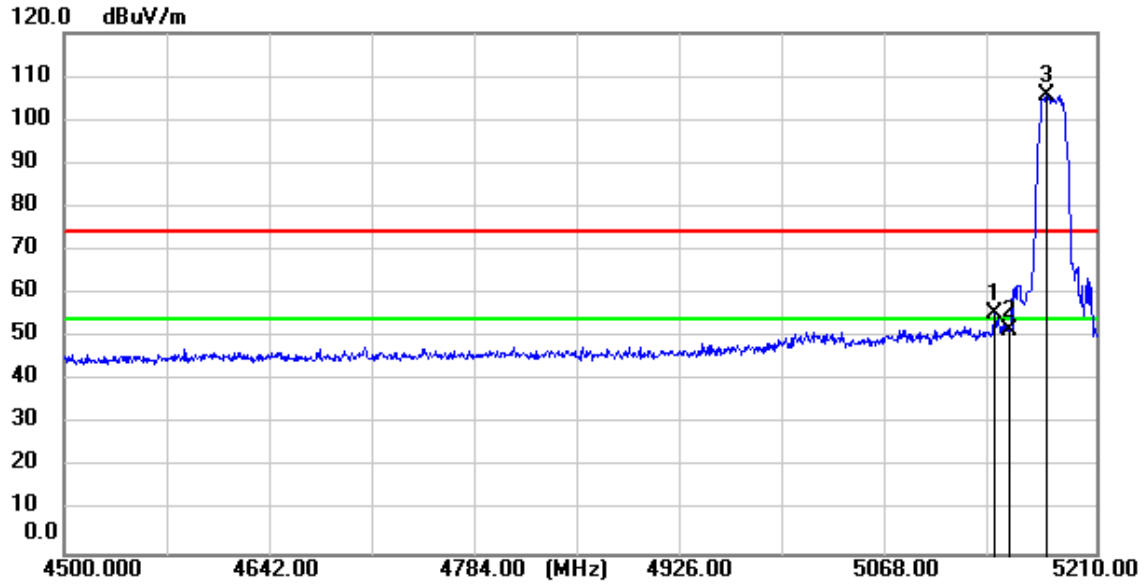
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

Remark 2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

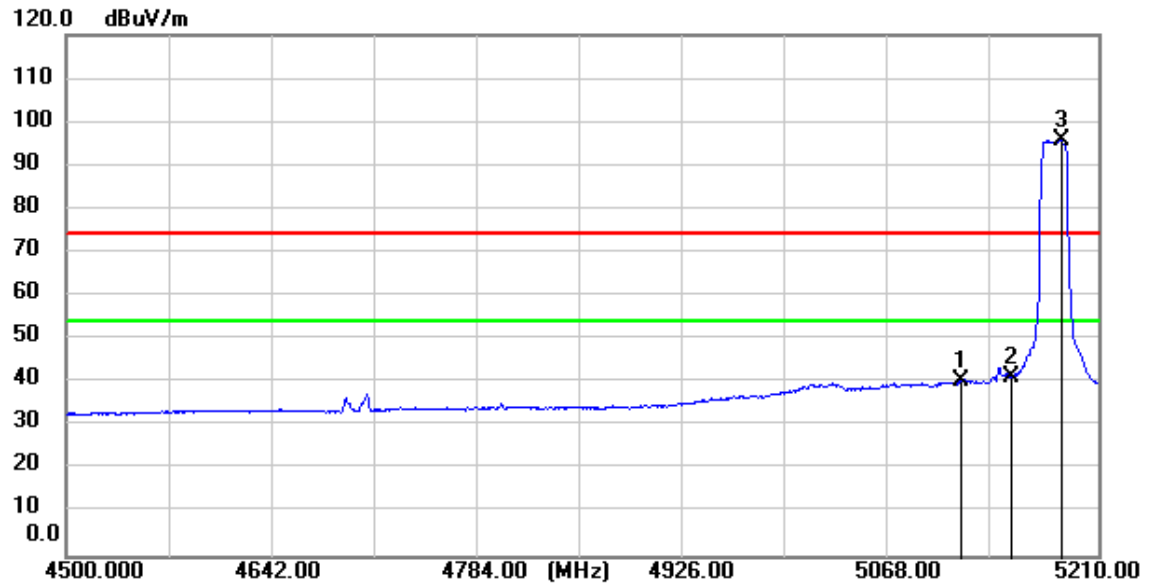
Remark 3. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



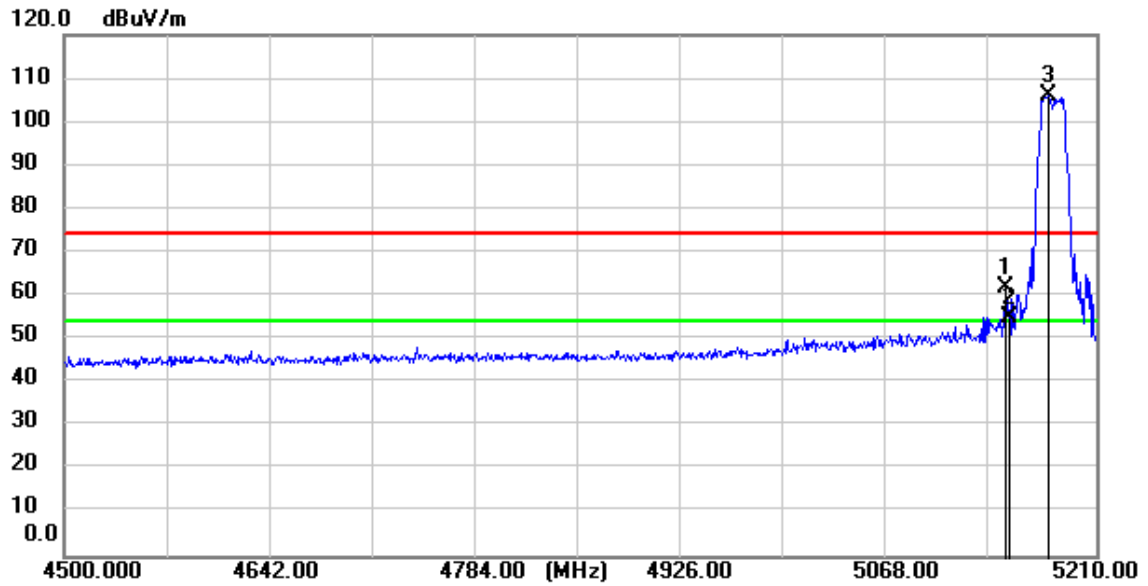
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.710	48.54	7.12	55.66	74.00	-18.34	peak
2	5150.000	44.35	7.12	51.47	74.00	-22.53	peak
3	5176.275	98.33	7.11	105.44	74.00	31.44	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



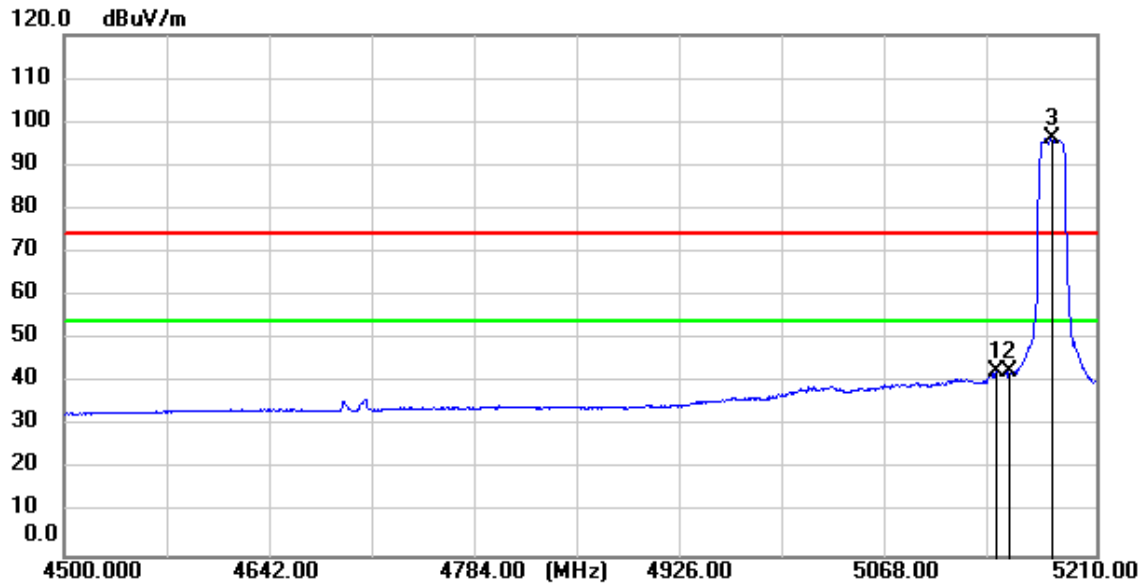
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5115.215	33.37	7.13	40.50	54.00	-13.50	AVG
2	5150.000	34.33	7.12	41.45	54.00	-12.55	AVG
3	5184.795	88.72	7.11	95.83	54.00	41.83	AVG

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



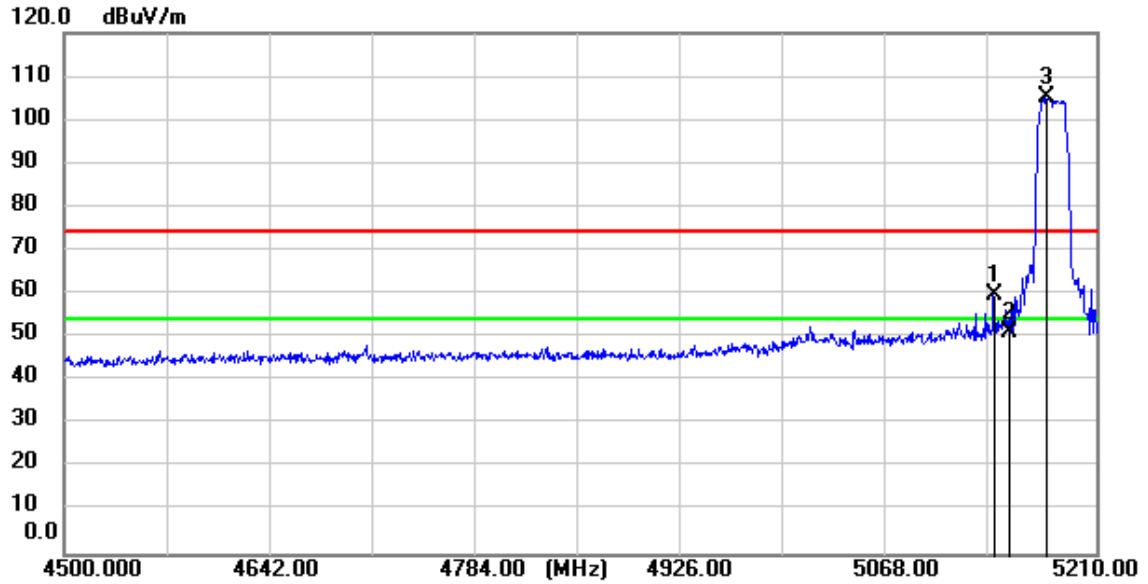
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.875	54.64	7.12	61.76	74.00	-12.24	peak
2	5150.000	47.74	7.12	54.86	74.00	-19.14	peak
3	5177.340	98.81	7.11	105.92	74.00	31.92	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



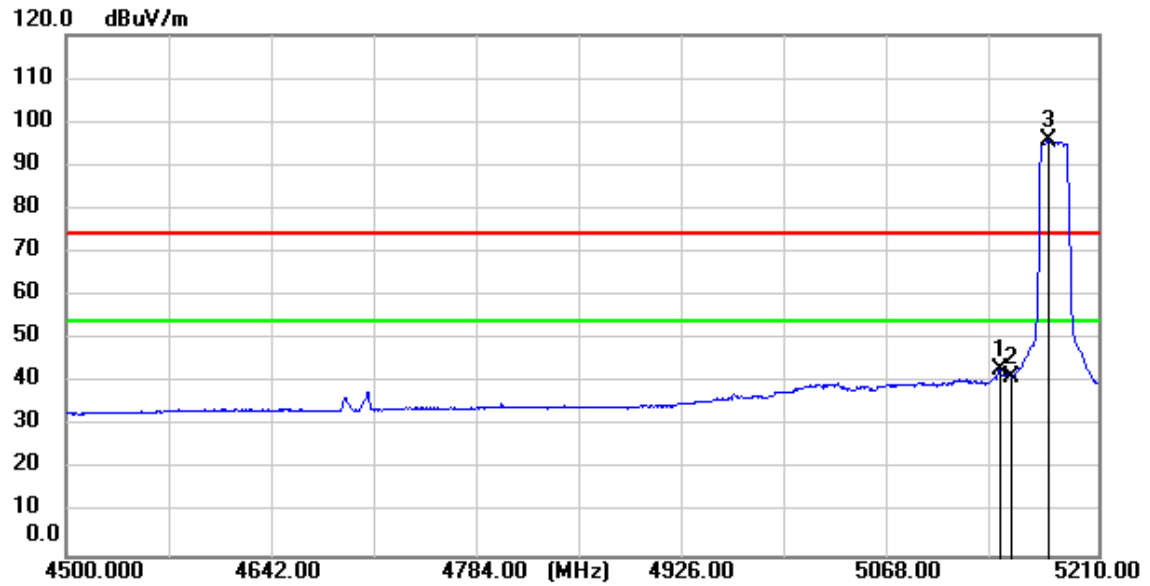
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.485	35.63	7.12	42.75	54.00	-11.25	AVG
2	5150.000	35.38	7.12	42.50	54.00	-11.50	AVG
3	5179.115	89.24	7.11	96.35	54.00	42.35	AVG

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



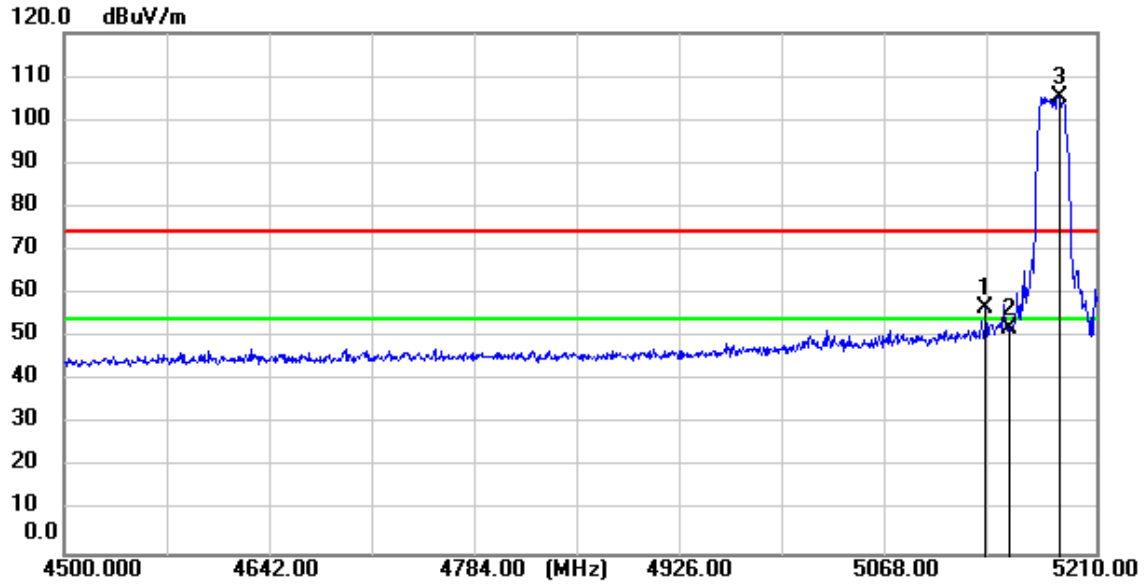
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.355	52.67	7.12	59.79	74.00	-14.21	peak
2	5150.000	44.00	7.12	51.12	74.00	-22.88	peak
3	5175.565	97.95	7.11	105.06	74.00	31.06	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



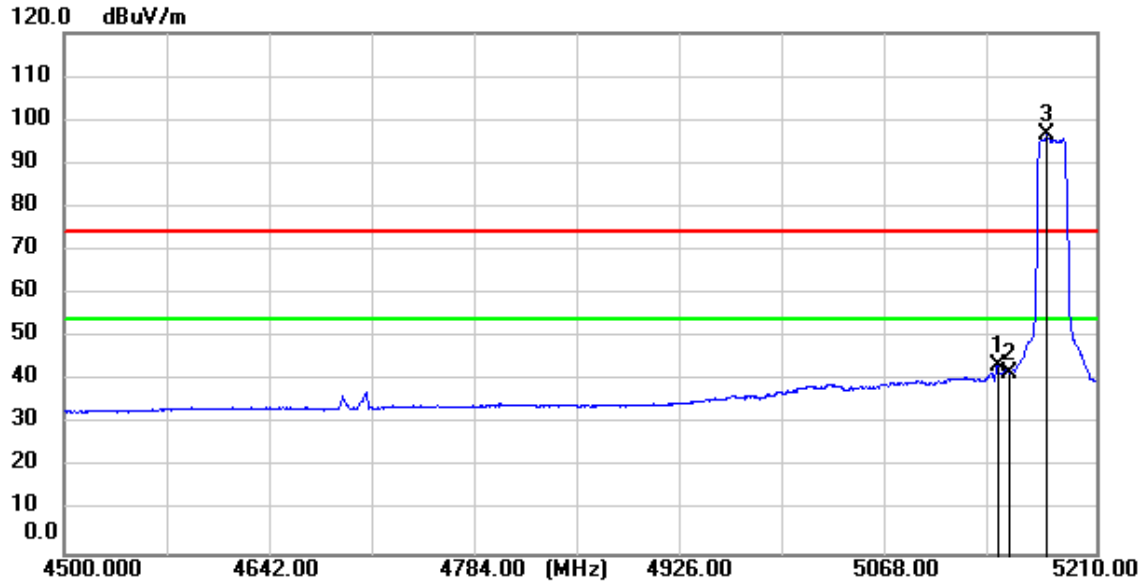
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.195	36.07	7.13	43.20	54.00	-10.80	AVG
2	5150.000	34.31	7.12	41.43	54.00	-12.57	AVG
3	5175.920	88.75	7.11	95.86	54.00	41.86	AVG

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



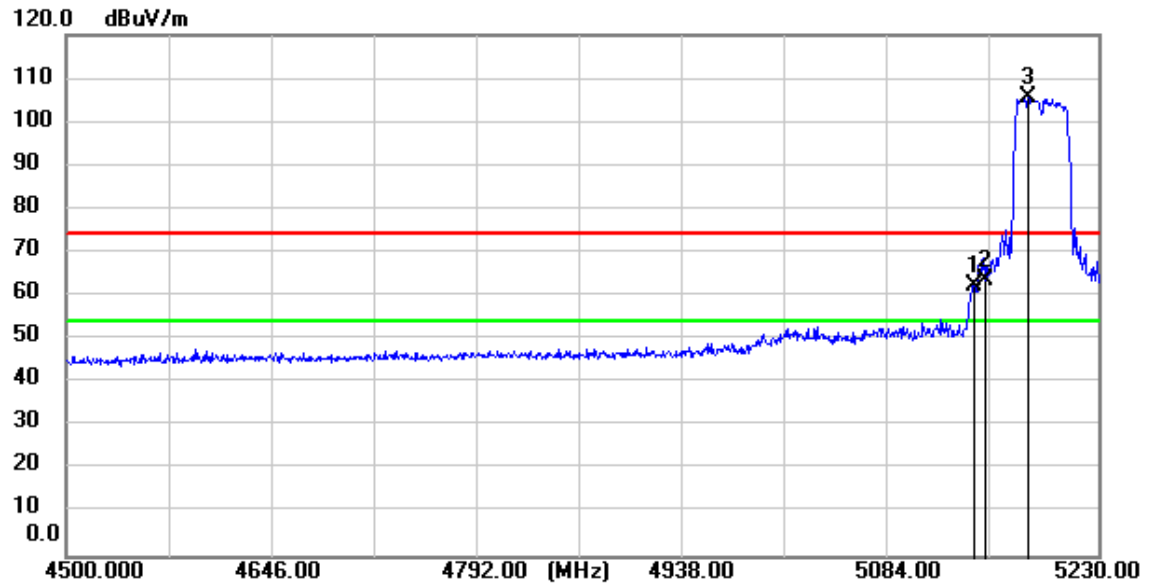
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5134.030	49.73	7.13	56.86	74.00	-17.14	peak
2	5150.000	45.12	7.12	52.24	74.00	-21.76	peak
3	5184.440	98.28	7.11	105.39	74.00	31.39	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



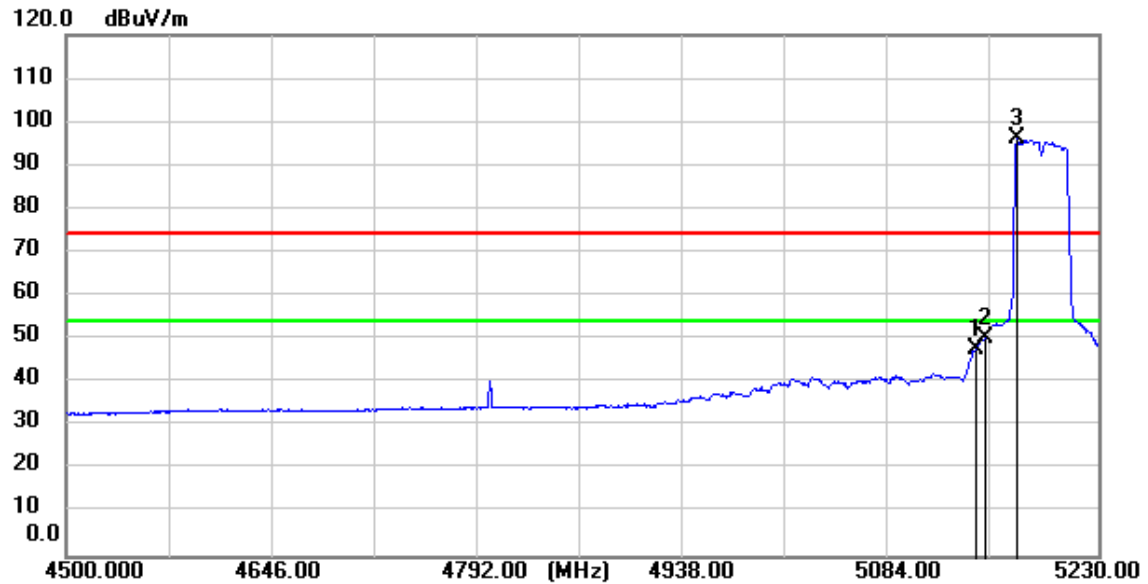
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.195	36.33	7.13	43.46	54.00	-10.54	AVG
2	5150.000	34.69	7.12	41.81	54.00	-12.19	AVG
3	5176.630	89.36	7.11	96.47	54.00	42.47	AVG

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



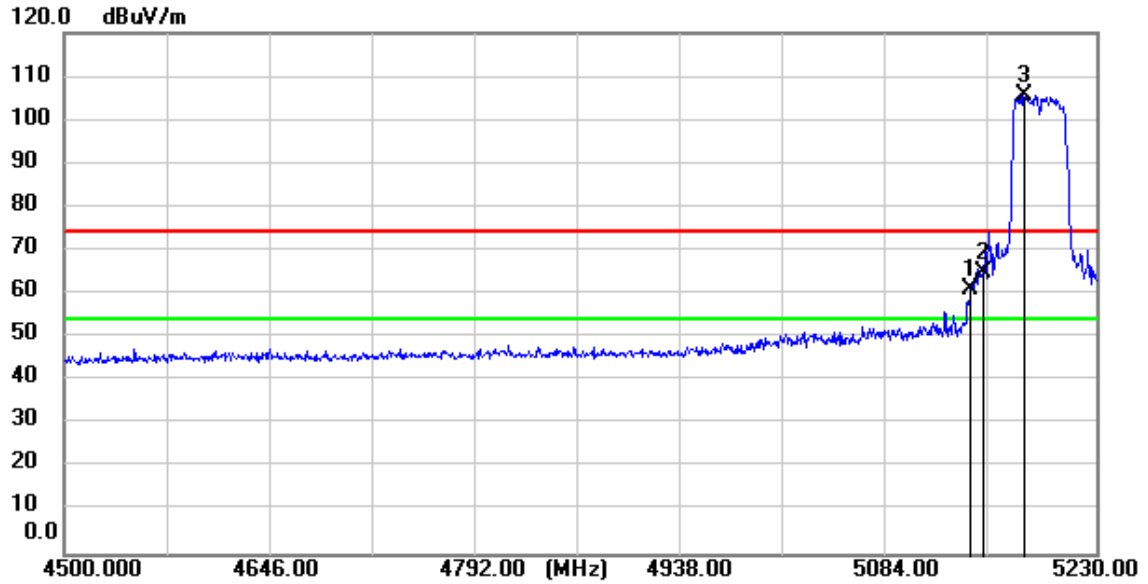
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	55.27	7.12	62.39	74.00	-11.61	peak
2	5150.000	56.48	7.12	63.60	74.00	-10.40	peak
3	5181.090	98.42	7.10	105.52	74.00	31.52	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



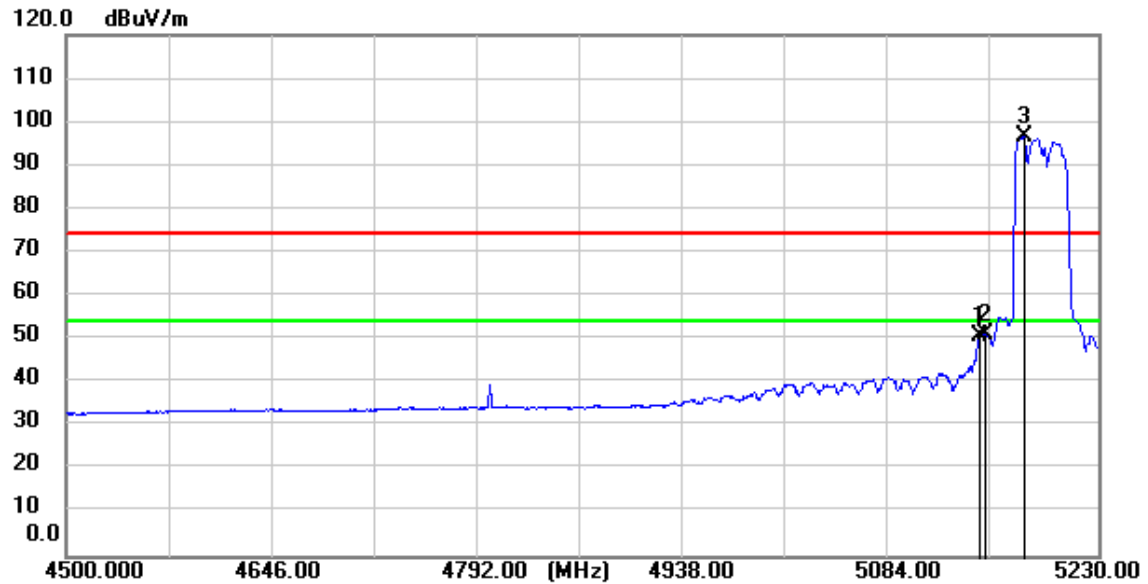
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.495	40.69	7.12	47.81	54.00	-6.19	AVG
2	5150.000	43.21	7.12	50.33	54.00	-3.67	AVG
3	5173.060	88.89	7.12	96.01	54.00	42.01	AVG

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



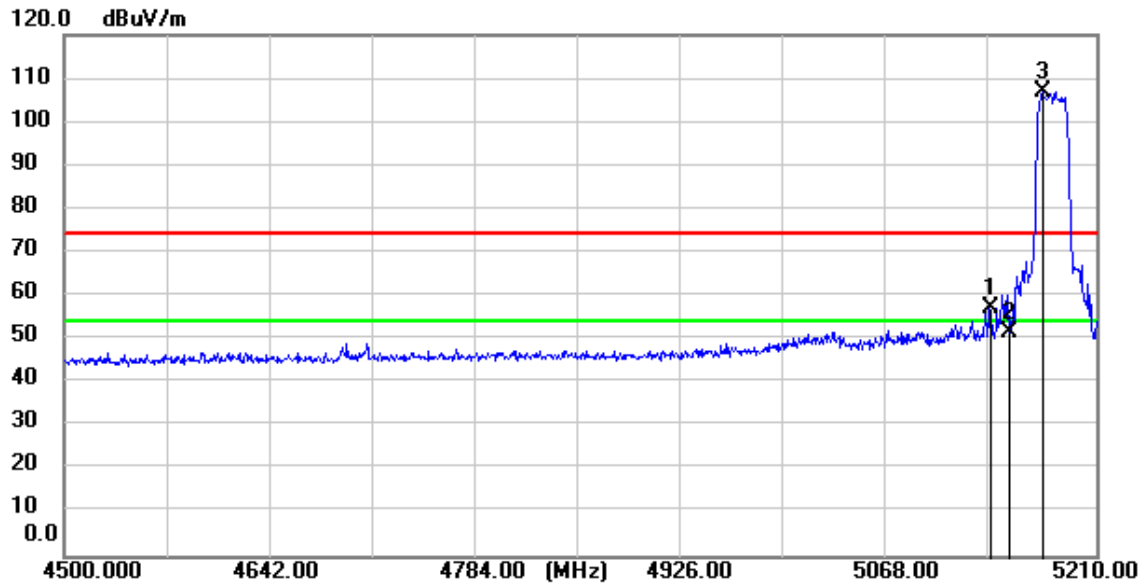
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.670	53.85	7.13	60.98	74.00	-13.02	peak
2	5150.000	57.69	7.12	64.81	74.00	-9.19	peak
3	5178.535	98.61	7.11	105.72	74.00	31.72	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



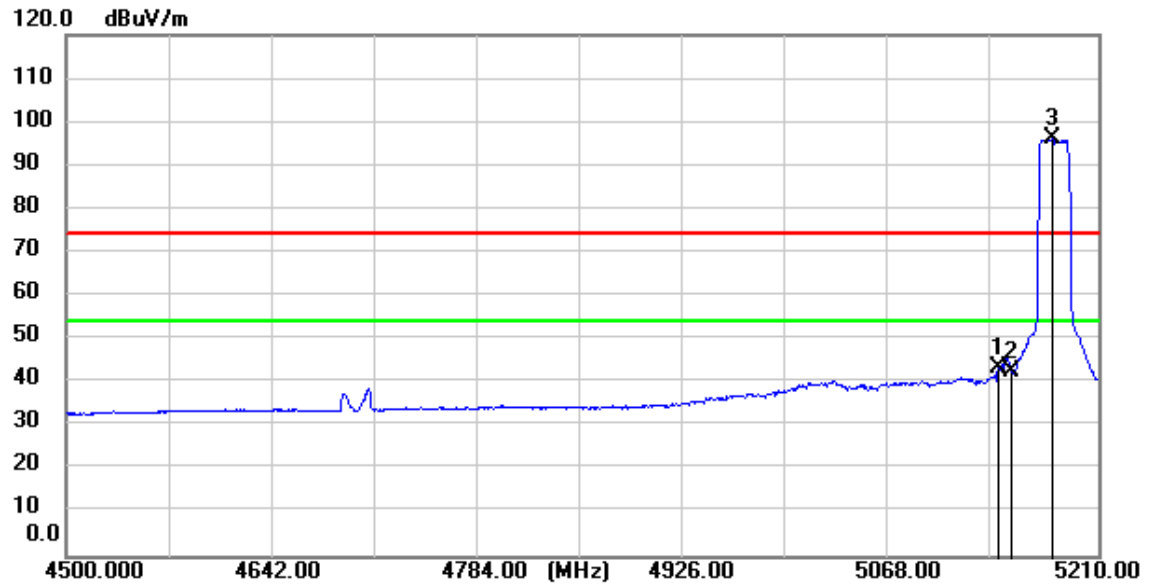
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.780	43.52	7.12	50.64	54.00	-3.36	AVG
2	5150.000	44.22	7.12	51.34	54.00	-2.66	AVG
3	5177.440	89.69	7.11	96.80	54.00	42.80	AVG

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



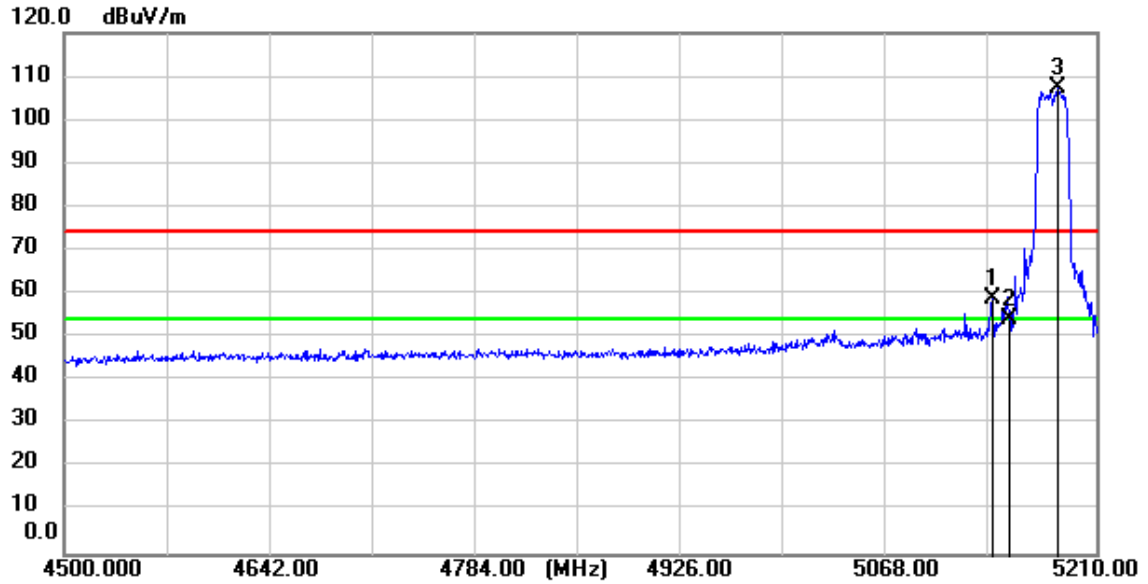
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5137.225	50.12	7.12	57.24	74.00	-16.76	peak
2	5150.000	44.56	7.12	51.68	74.00	-22.32	peak
3	5173.435	99.85	7.11	106.96	74.00	32.96	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



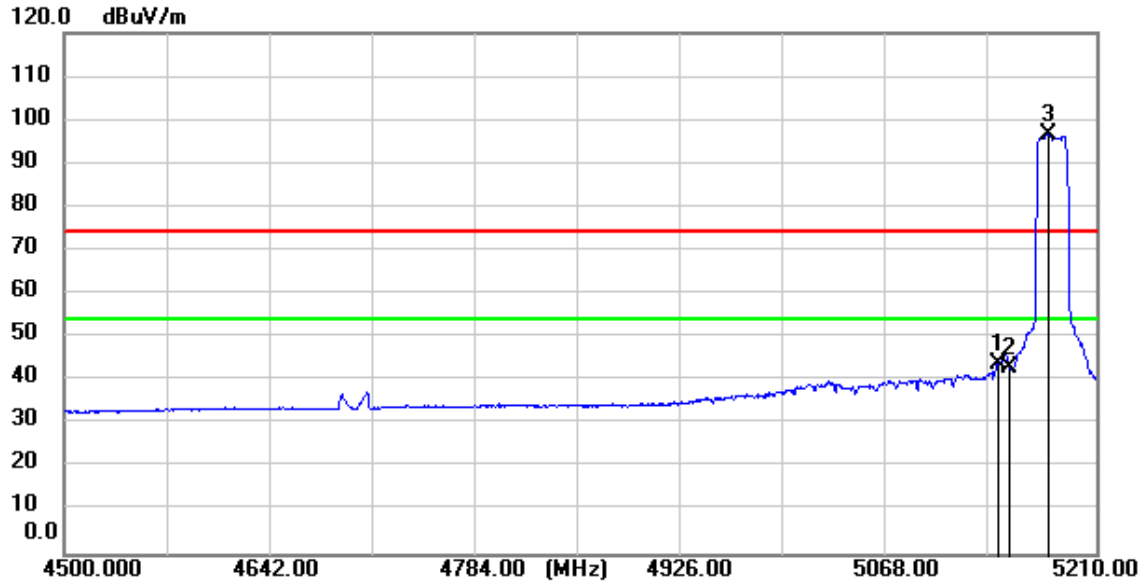
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.840	36.46	7.13	43.59	54.00	-10.41	AVG
2	5150.000	35.57	7.12	42.69	54.00	-11.31	AVG
3	5178.405	88.95	7.11	96.06	54.00	42.06	AVG

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



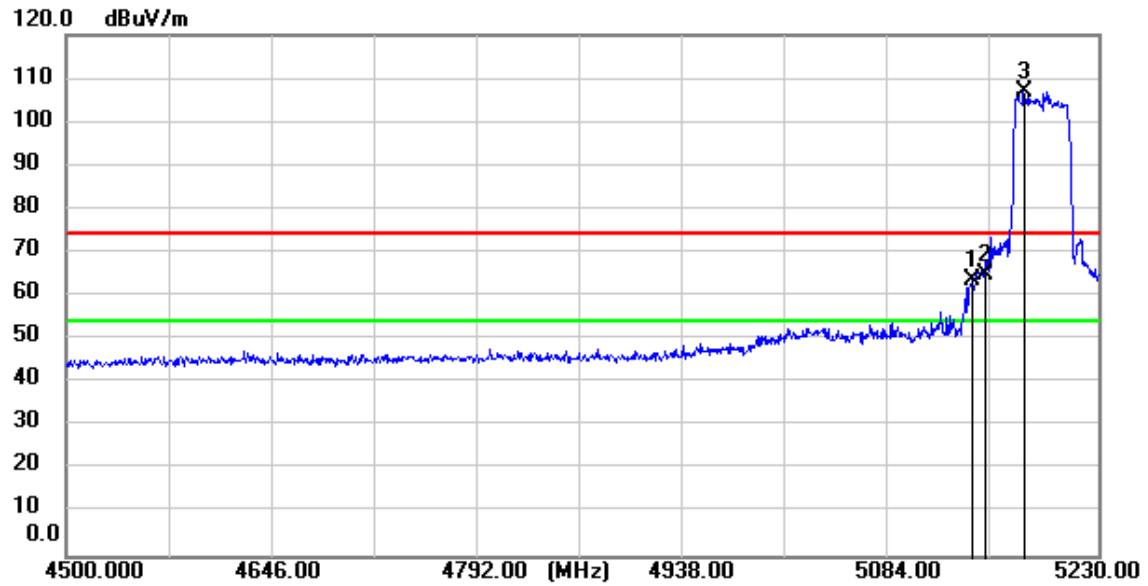
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.290	51.91	7.12	59.03	74.00	-14.97	peak
2	5150.000	47.01	7.12	54.13	74.00	-19.87	peak
3	5183.730	100.11	7.11	107.22	74.00	33.22	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



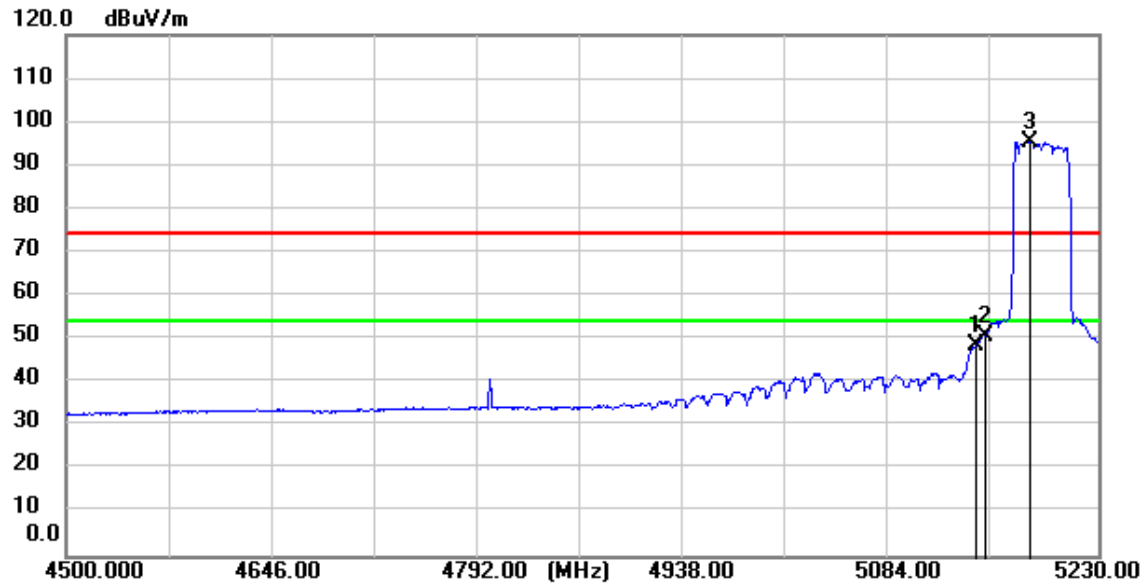
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.195	36.64	7.13	43.77	54.00	-10.23	AVG
2	5150.000	36.04	7.12	43.16	54.00	-10.84	AVG
3	5177.340	89.48	7.11	96.59	54.00	42.59	AVG

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



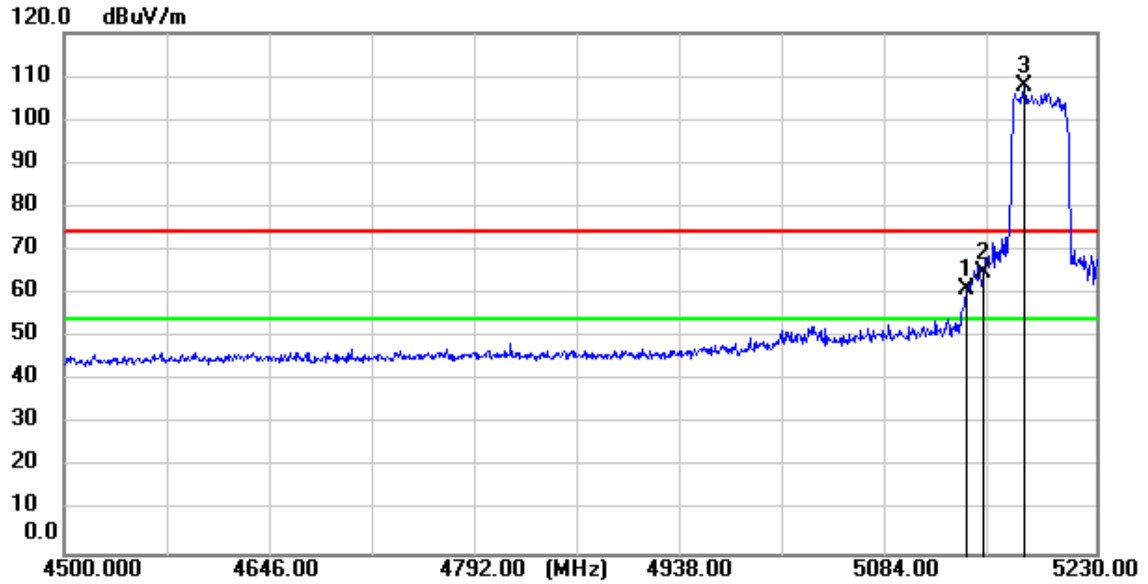
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.305	56.63	7.12	63.75	74.00	-10.25	peak
2	5150.000	57.83	7.12	64.95	74.00	-9.05	peak
3	5177.075	99.93	7.11	107.04	74.00	33.04	peak

Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



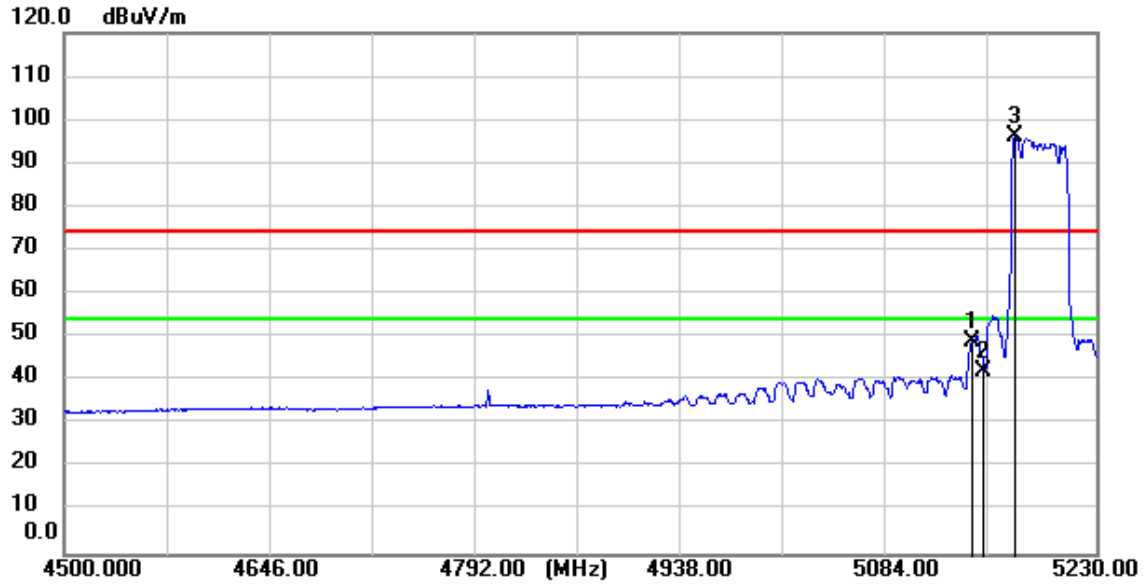
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.495	41.60	7.12	48.72	54.00	-5.28	AVG
2	5150.000	43.82	7.12	50.94	54.00	-3.06	AVG
3	5181.820	88.36	7.10	95.46	54.00	41.46	AVG

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



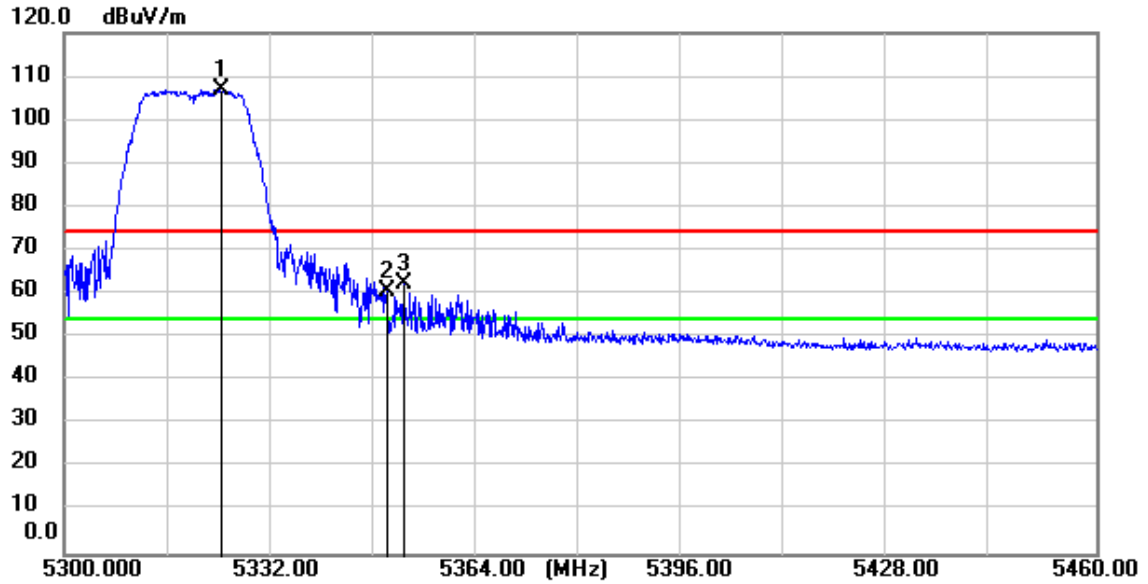
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.750	54.01	7.12	61.13	74.00	-12.87	peak
2	5150.000	57.75	7.12	64.87	74.00	-9.13	peak
3	5179.630	100.87	7.11	107.98	74.00	33.98	peak

Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



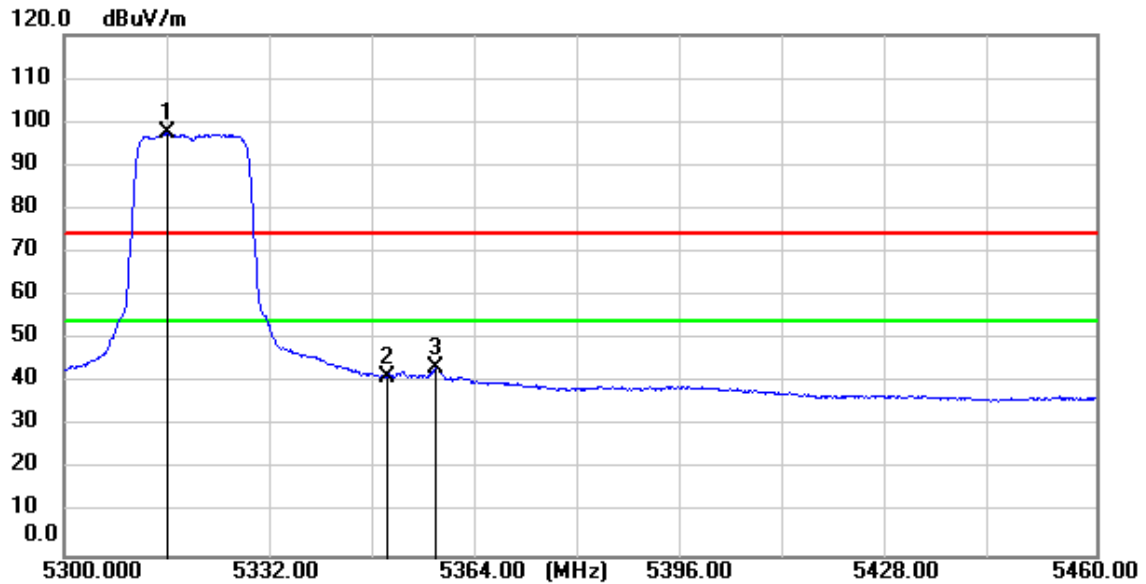
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	41.94	7.12	49.06	54.00	-4.94	AVG
2	5150.000	35.27	7.12	42.39	54.00	-11.61	AVG
3	5172.695	89.02	7.12	96.14	54.00	42.14	AVG

Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



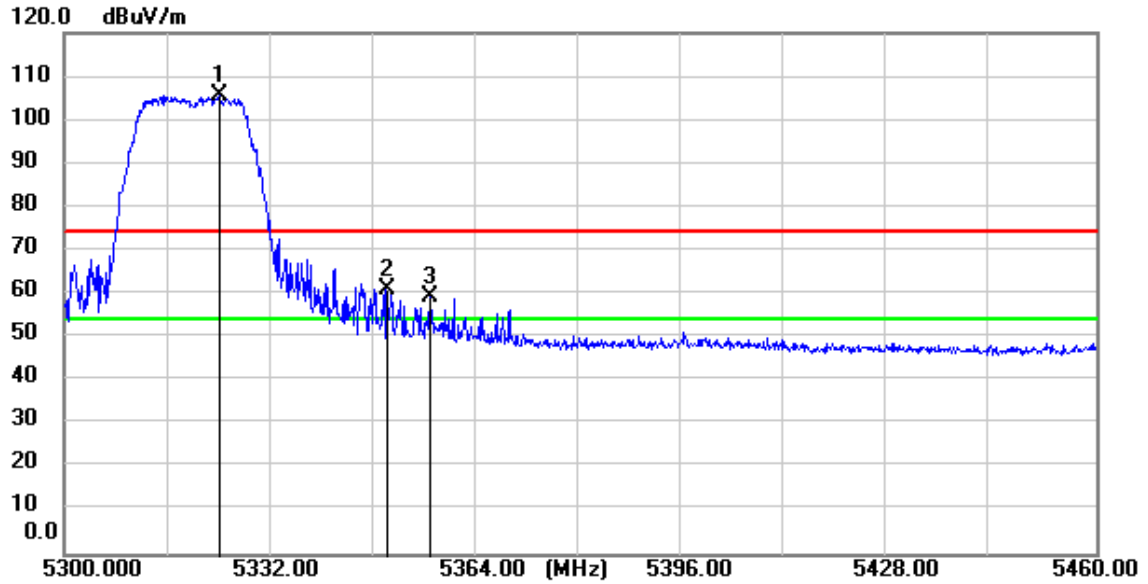
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.240	99.81	7.06	106.87	74.00	32.87	peak
2	5350.000	53.55	7.05	60.60	74.00	-13.40	peak
3	5352.640	55.10	7.05	62.15	74.00	-11.85	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



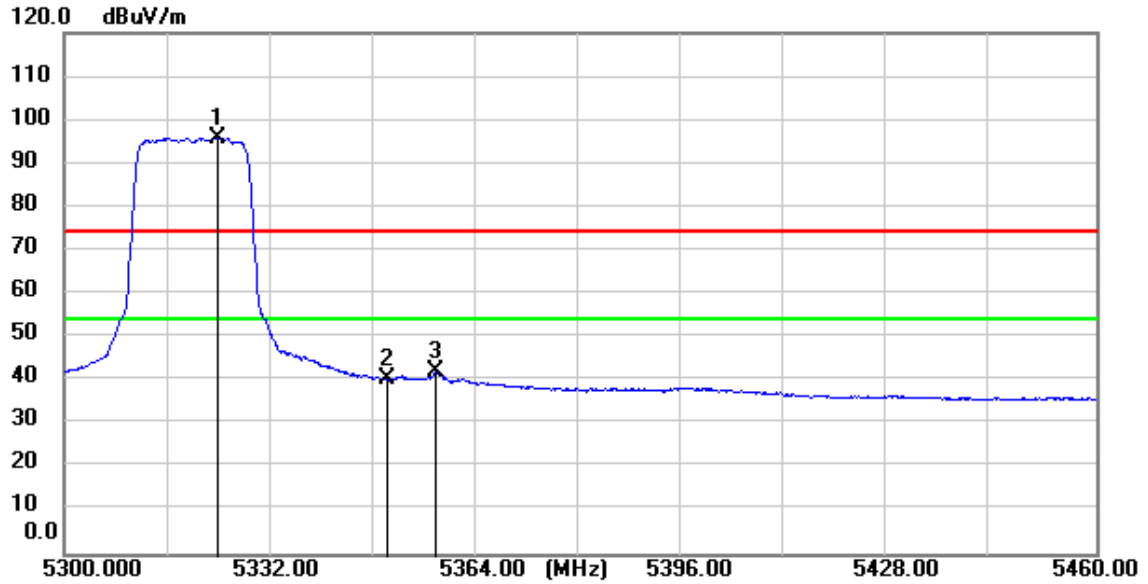
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.000	90.27	7.06	97.33	54.00	43.33	AVG
2	5350.000	34.49	7.05	41.54	54.00	-12.46	AVG
3	5357.760	36.40	7.04	43.44	54.00	-10.56	AVG

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



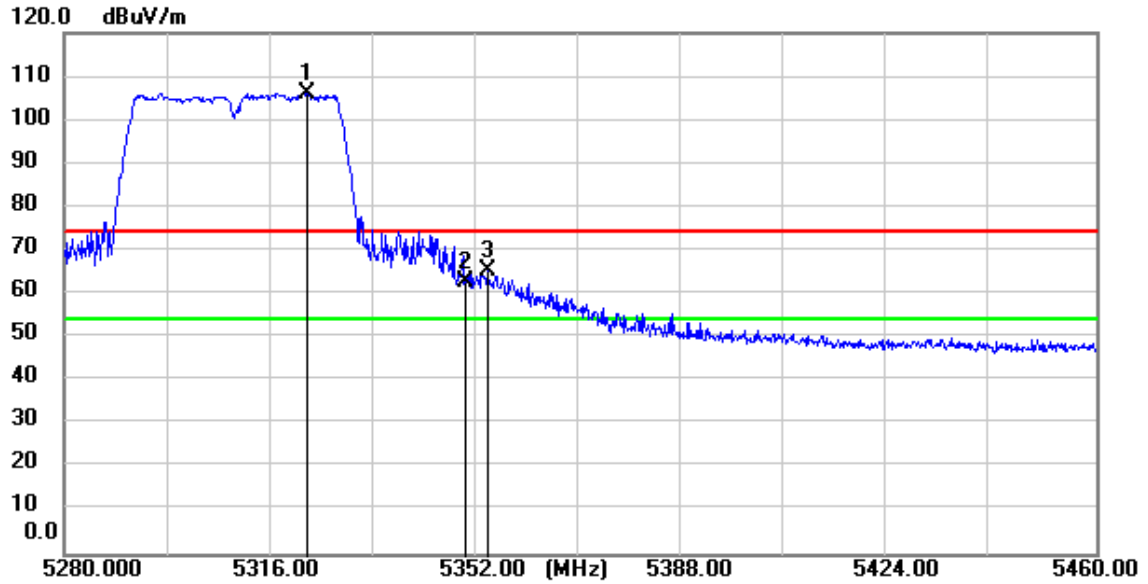
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.080	98.53	7.06	105.59	74.00	31.59	peak
2	5350.000	54.13	7.05	61.18	74.00	-12.82	peak
3	5356.720	52.35	7.05	59.40	74.00	-14.60	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



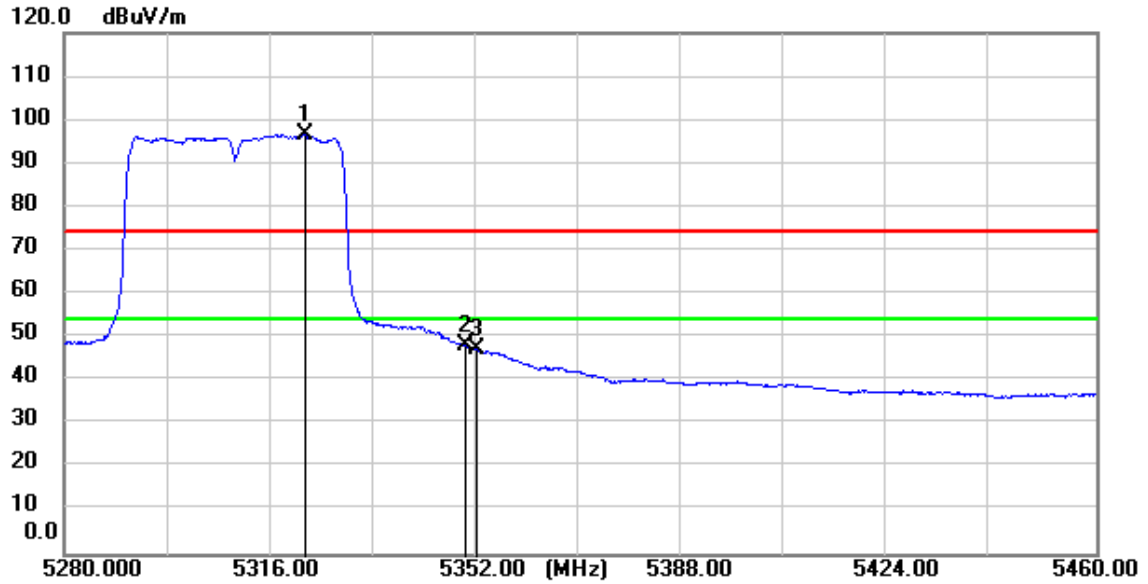
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.760	88.89	7.06	95.95	54.00	41.95	AVG
2	5350.000	33.28	7.05	40.33	54.00	-13.67	AVG
3	5357.680	35.07	7.05	42.12	54.00	-11.88	AVG

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



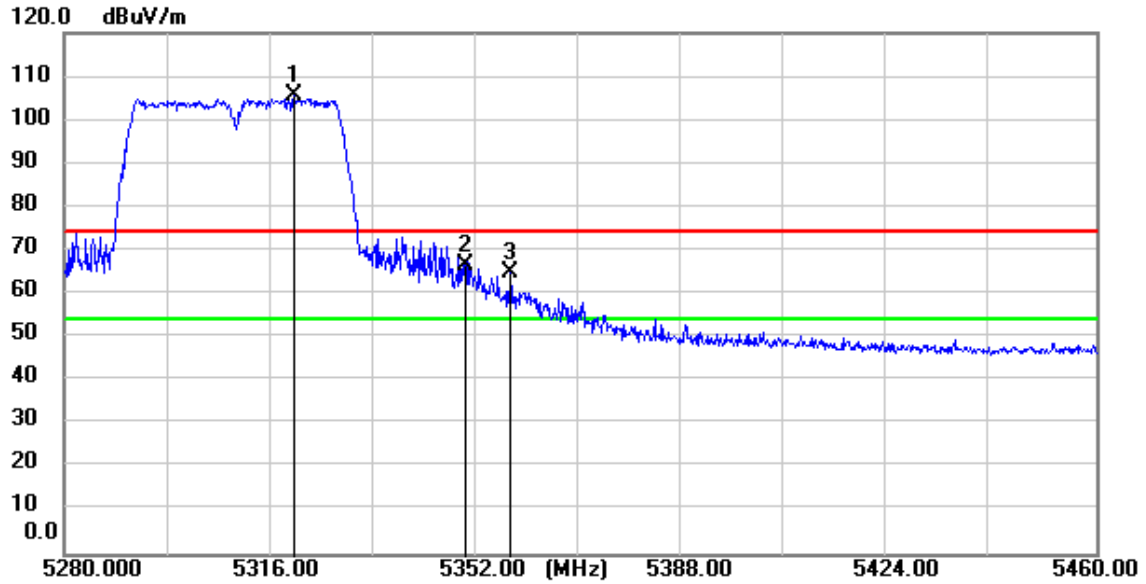
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.390	99.12	7.06	106.18	74.00	32.18	peak
2	5350.000	55.61	7.05	62.66	74.00	-11.34	peak
3	5353.890	58.26	7.05	65.31	74.00	-8.69	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



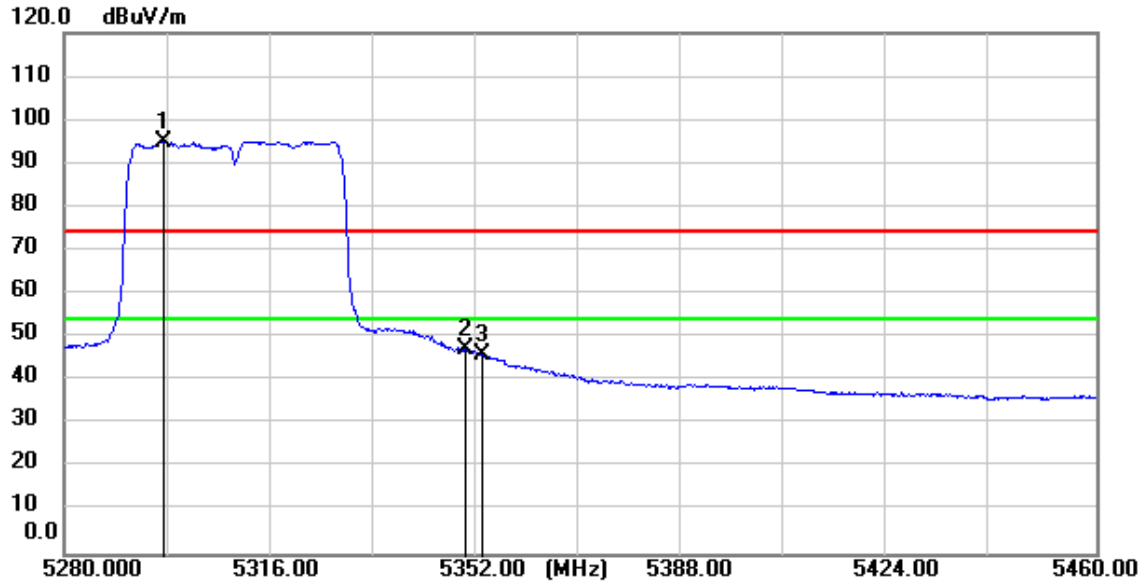
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.940	89.48	7.06	96.54	54.00	42.54	AVG
2	5350.000	41.15	7.05	48.20	54.00	-5.80	AVG
3	5351.820	40.14	7.05	47.19	54.00	-6.81	AVG

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



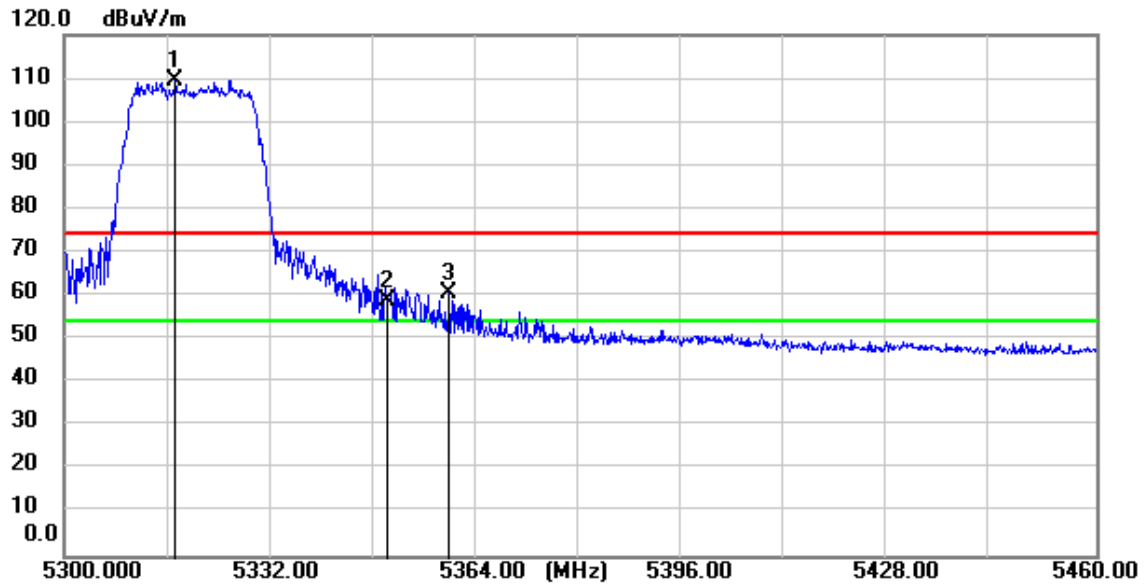
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5320.140	98.65	7.06	105.71	74.00	31.71	peak
2	5350.000	59.74	7.05	66.79	74.00	-7.21	peak
3	5357.940	57.99	7.04	65.03	74.00	-8.97	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



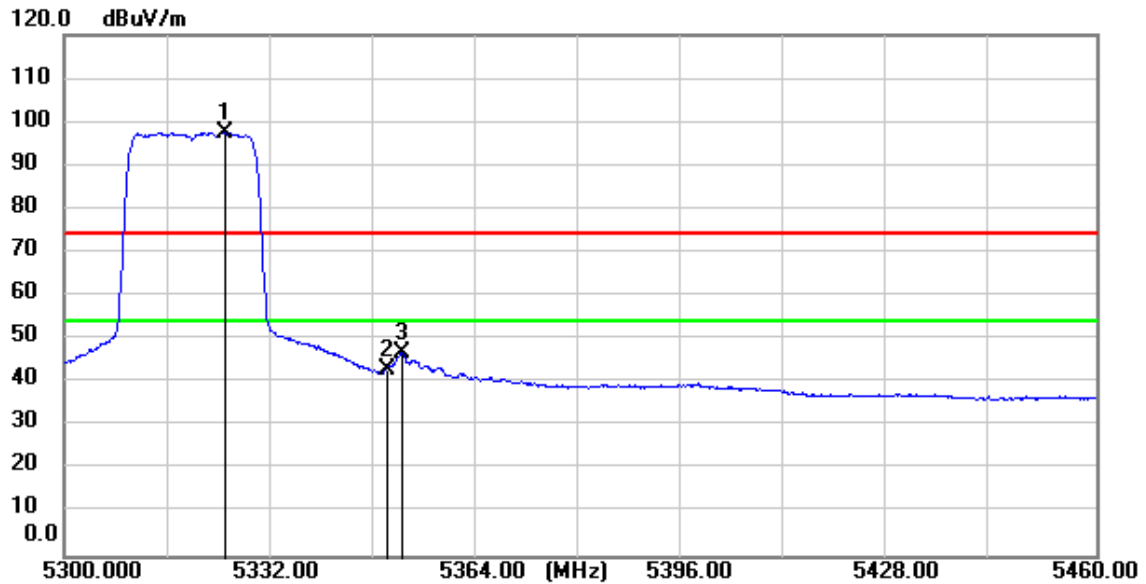
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5297.280	87.97	7.07	95.04	54.00	41.04	AVG
2	5350.000	40.23	7.05	47.28	54.00	-6.72	AVG
3	5352.810	39.12	7.05	46.17	54.00	-7.83	AVG

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



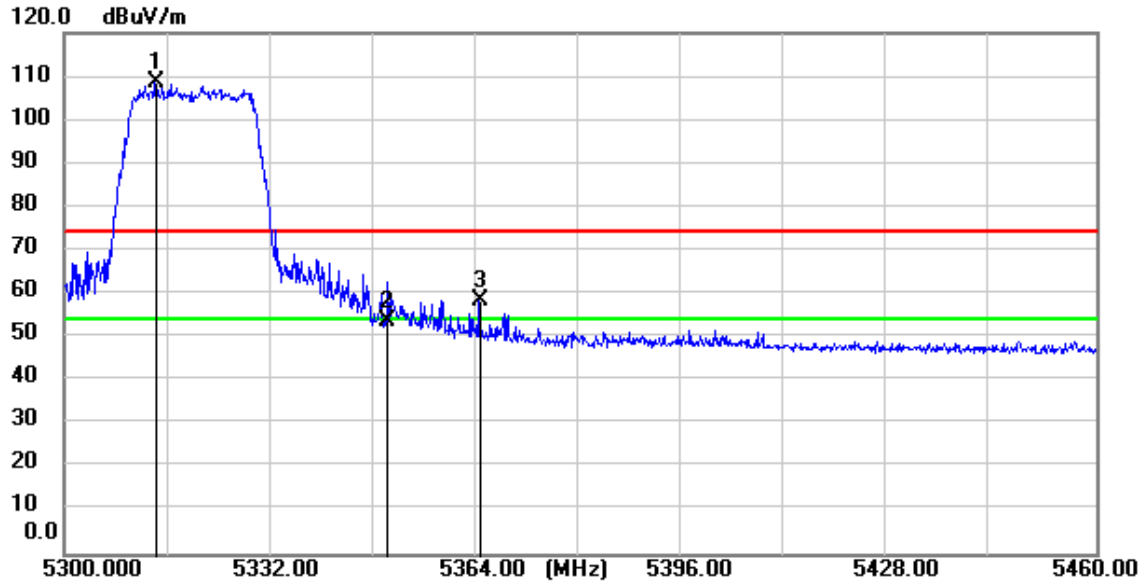
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.280	102.52	7.07	109.59	74.00	35.59	peak
2	5350.000	51.90	7.05	58.95	74.00	-15.05	peak
3	5359.680	53.68	7.05	60.73	74.00	-13.27	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



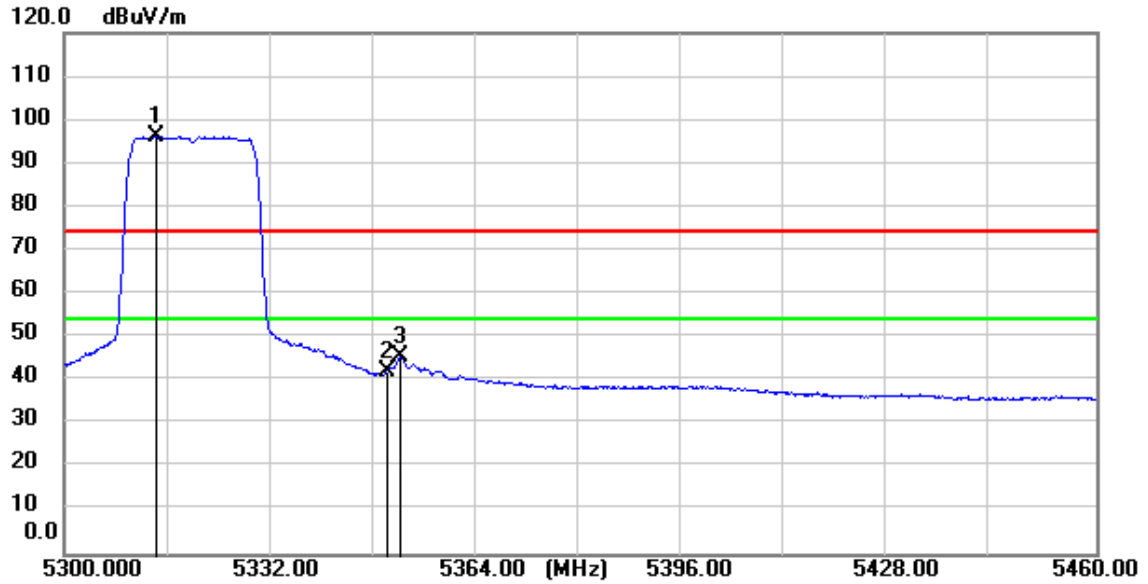
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.880	90.38	7.06	97.44	54.00	43.44	AVG
2	5350.000	36.22	7.05	43.27	54.00	-10.73	AVG
3	5352.320	39.87	7.05	46.92	54.00	-7.08	AVG

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



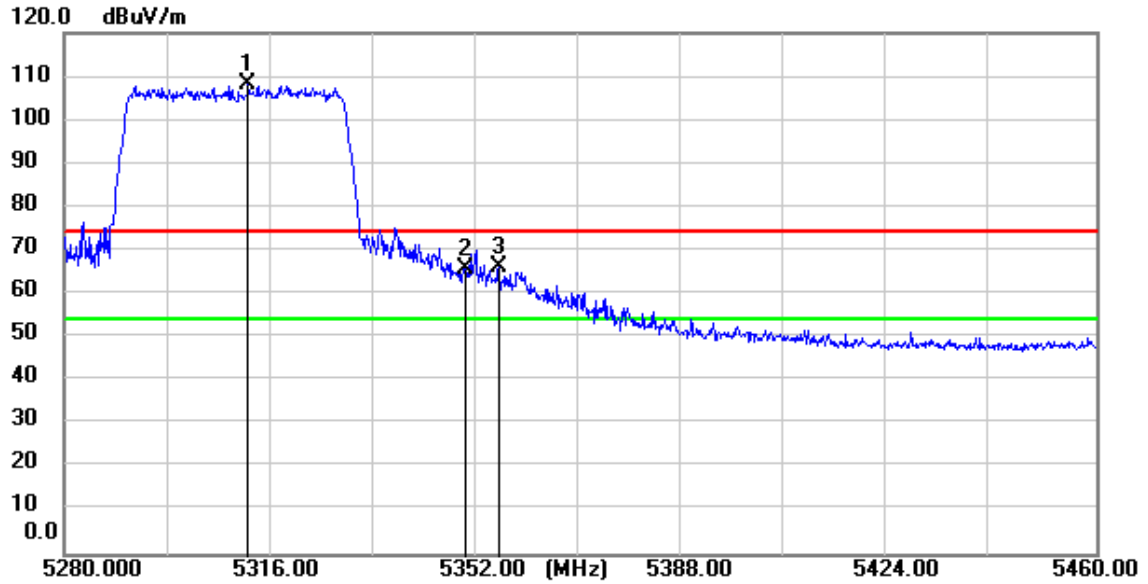
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.160	101.46	7.06	108.52	74.00	34.52	peak
2	5350.000	46.66	7.05	53.71	74.00	-20.29	peak
3	5364.400	51.47	7.05	58.52	74.00	-15.48	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



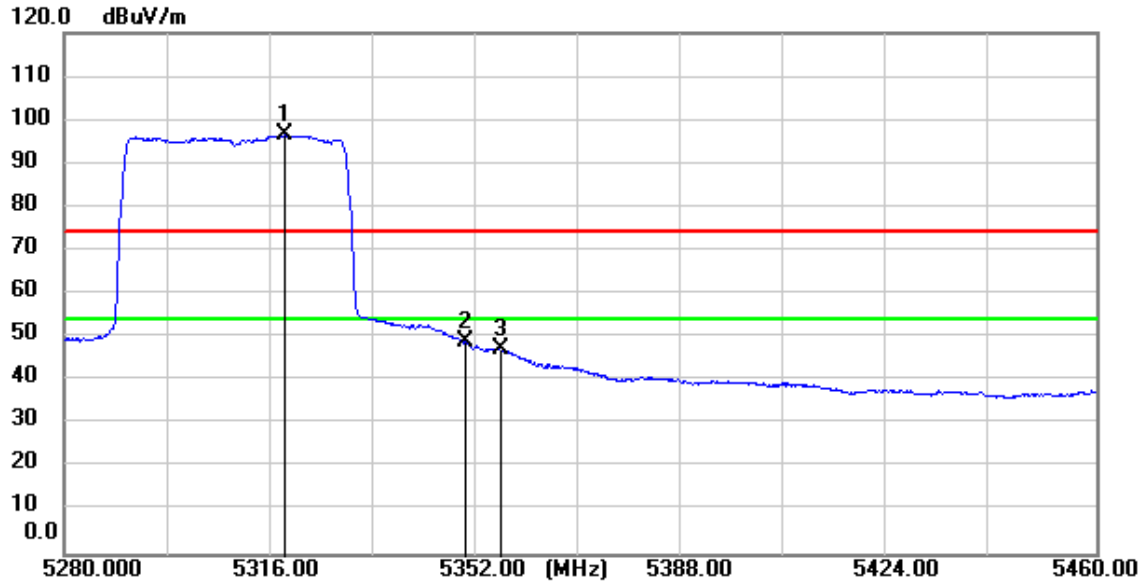
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.320	89.24	7.06	96.30	54.00	42.30	AVG
2	5350.000	34.98	7.05	42.03	54.00	-11.97	AVG
3	5352.160	38.49	7.05	45.54	54.00	-8.46	AVG

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



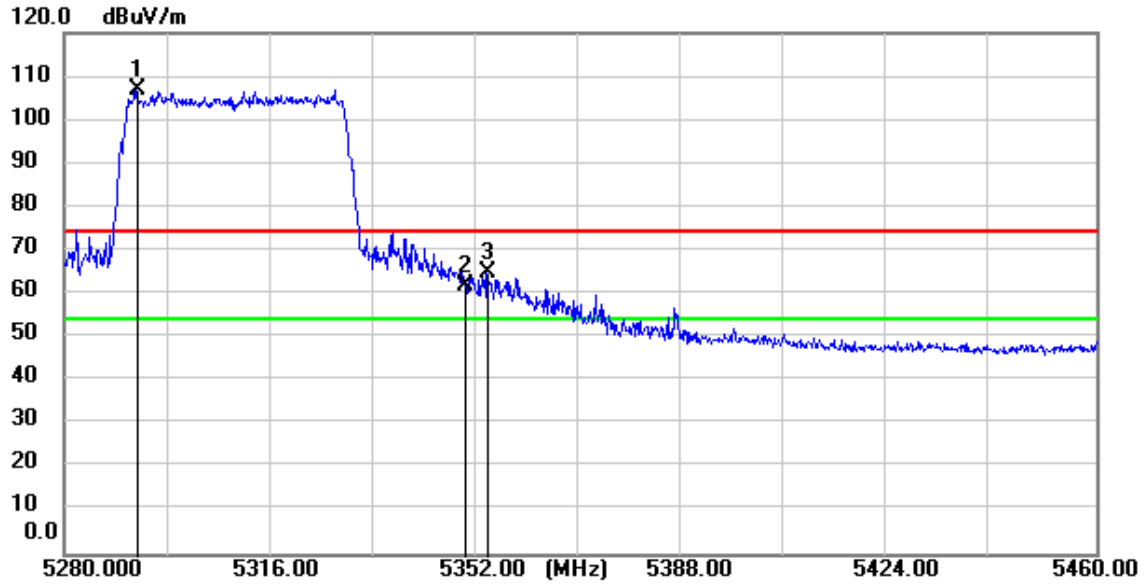
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5312.040	101.19	7.06	108.25	74.00	34.25	peak
2	5350.000	58.56	7.05	65.61	74.00	-8.39	peak
3	5355.870	59.34	7.05	66.39	74.00	-7.61	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



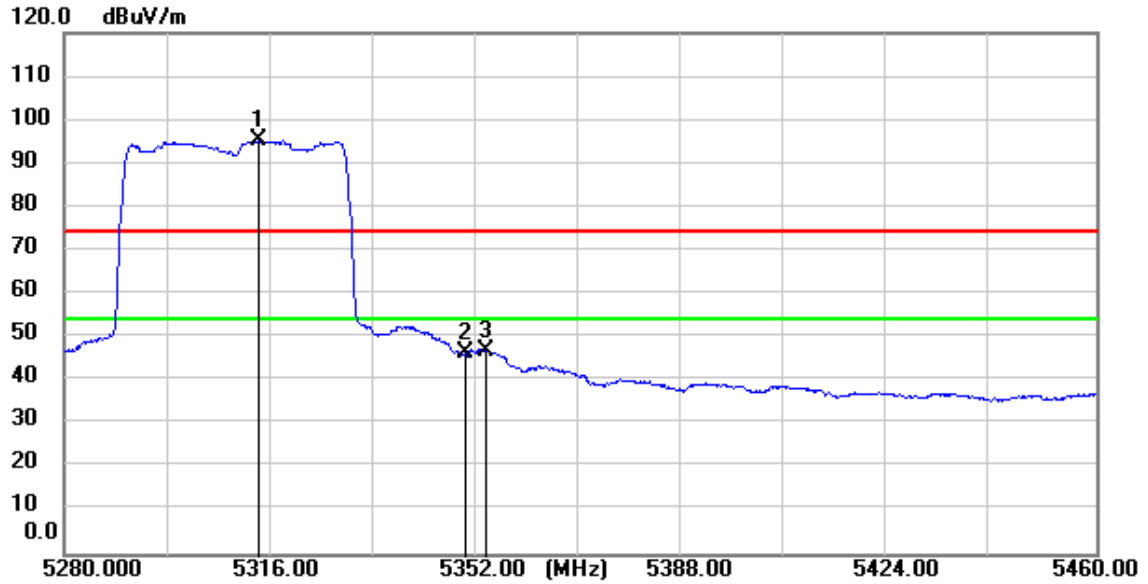
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.520	89.38	7.07	96.45	54.00	42.45	AVG
2	5350.000	41.85	7.05	48.90	54.00	-5.10	AVG
3	5356.050	40.20	7.05	47.25	54.00	-6.75	AVG

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



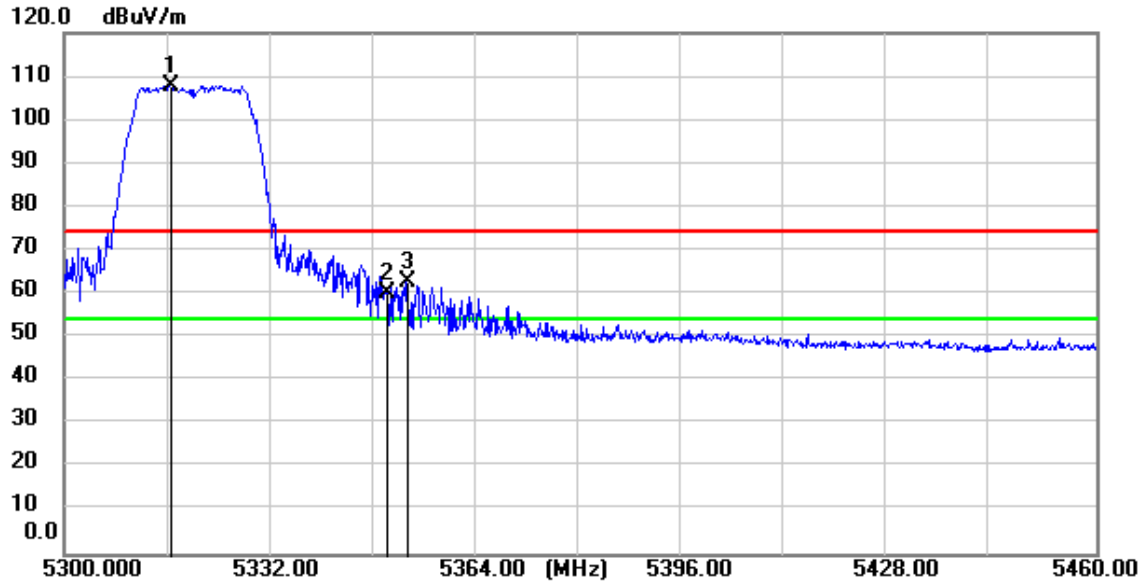
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5292.690	100.06	7.07	107.13	74.00	33.13	peak
2	5350.000	54.92	7.05	61.97	74.00	-12.03	peak
3	5353.710	57.75	7.05	64.80	74.00	-9.20	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



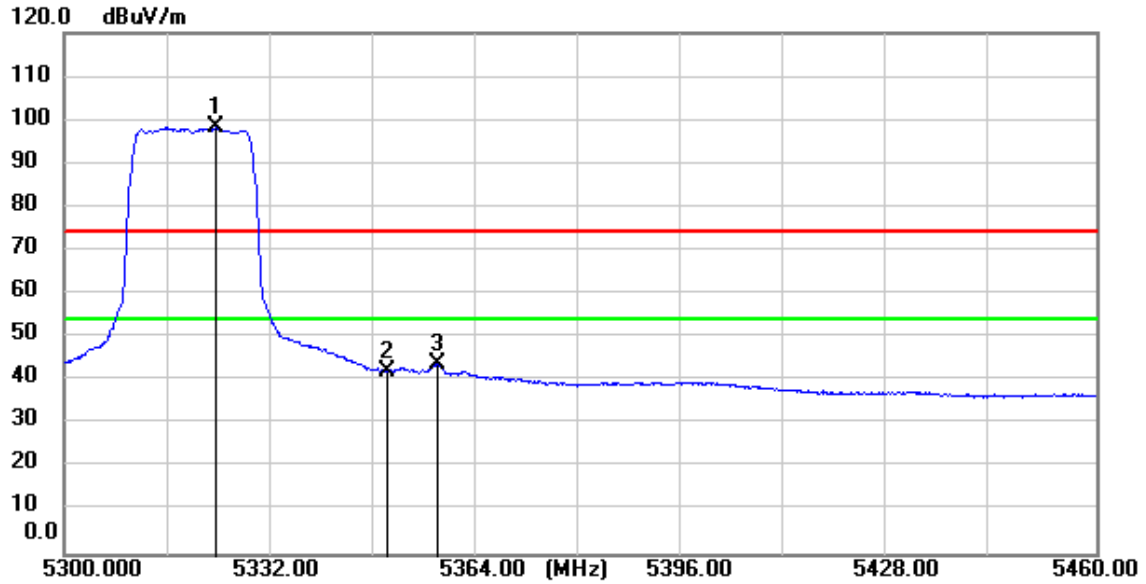
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5313.840	88.16	7.06	95.22	54.00	41.22	AVG
2	5350.000	39.36	7.05	46.41	54.00	-7.59	AVG
3	5353.350	39.94	7.05	46.99	54.00	-7.01	AVG

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



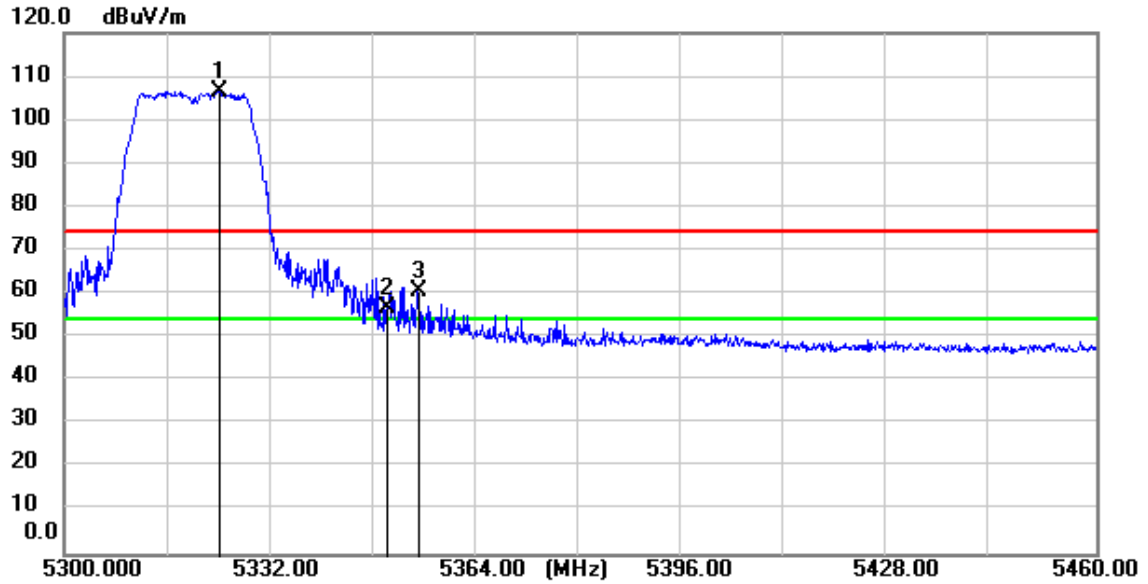
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.400	100.91	7.06	107.97	74.00	33.97	peak
2	5350.000	53.19	7.05	60.24	74.00	-13.76	peak
3	5353.200	55.92	7.05	62.97	74.00	-11.03	peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



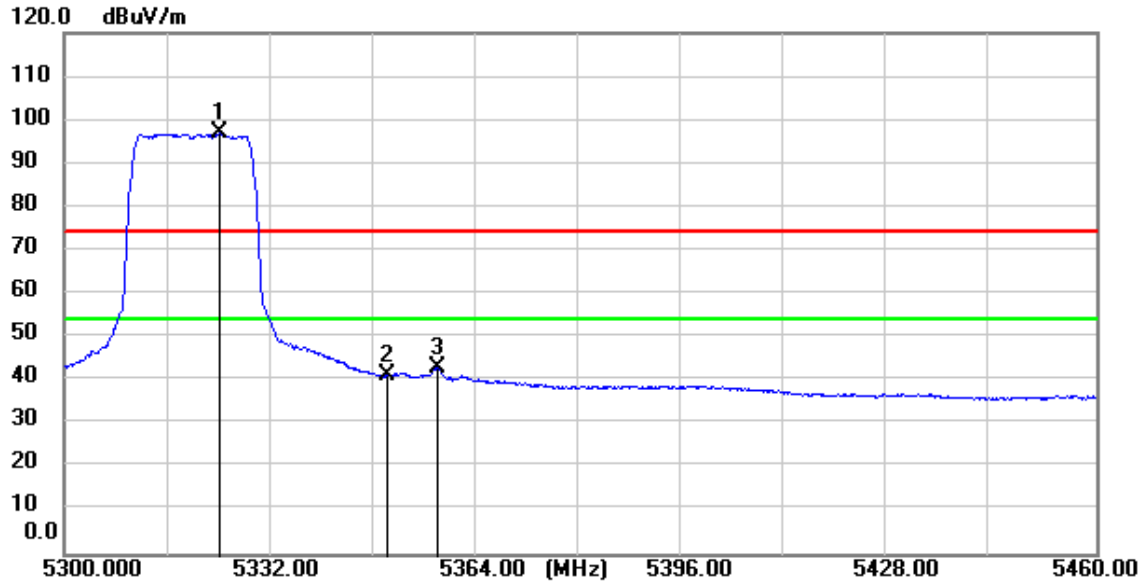
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.680	91.23	7.06	98.29	54.00	44.29	AVG
2	5350.000	35.27	7.05	42.32	54.00	-11.68	AVG
3	5357.840	36.99	7.04	44.03	54.00	-9.97	AVG

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



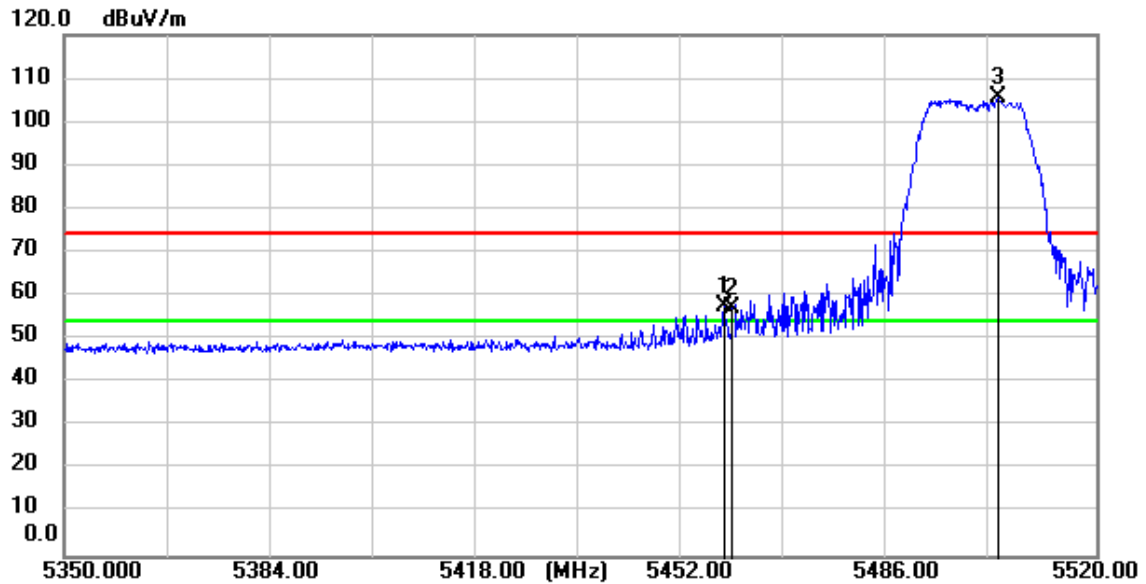
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.080	99.55	7.06	106.61	74.00	32.61	peak
2	5350.000	49.63	7.05	56.68	74.00	-17.32	peak
3	5354.800	53.53	7.05	60.58	74.00	-13.42	peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



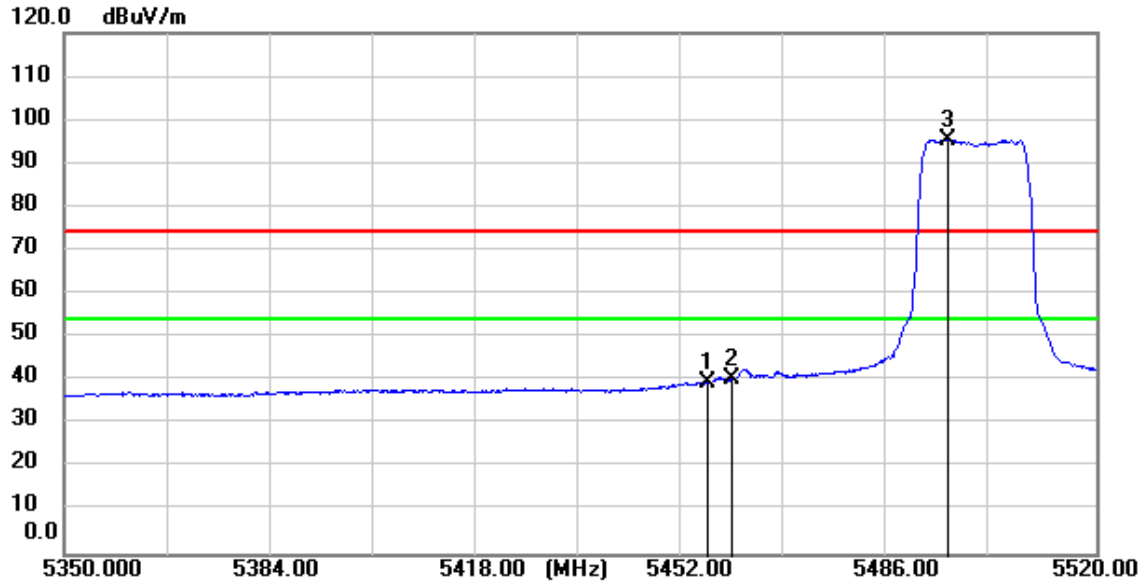
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.160	90.13	7.06	97.19	54.00	43.19	AVG
2	5350.000	34.13	7.05	41.18	54.00	-12.82	AVG
3	5357.920	36.06	7.04	43.10	54.00	-10.90	AVG

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



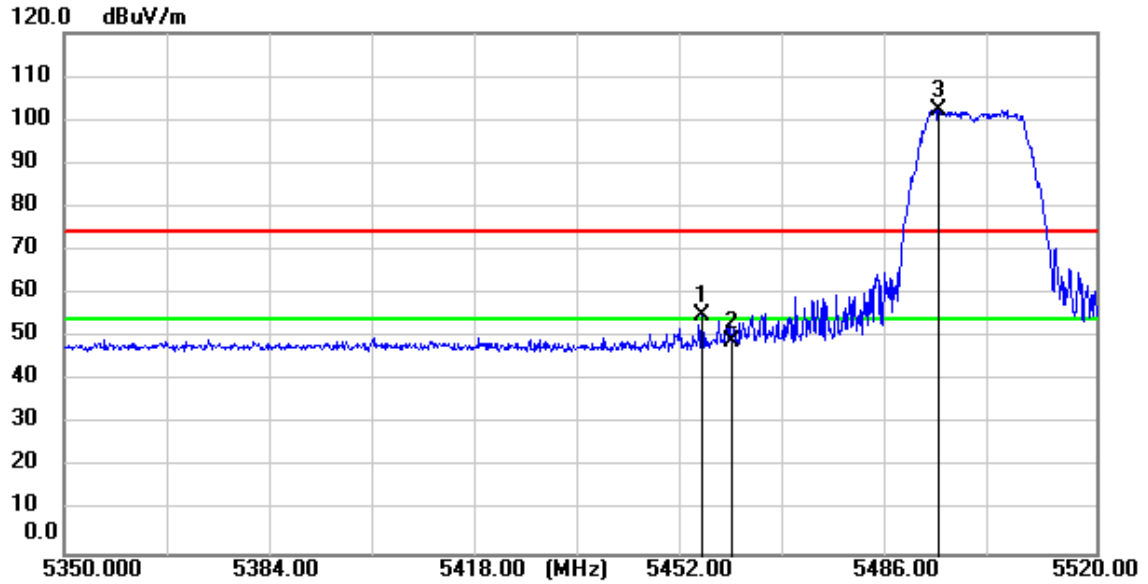
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.630	50.73	7.01	57.74	74.00	-16.26	peak
2	5460.000	50.10	7.01	57.11	74.00	-16.89	peak
3	5503.850	98.74	7.00	105.74	74.00	31.74	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



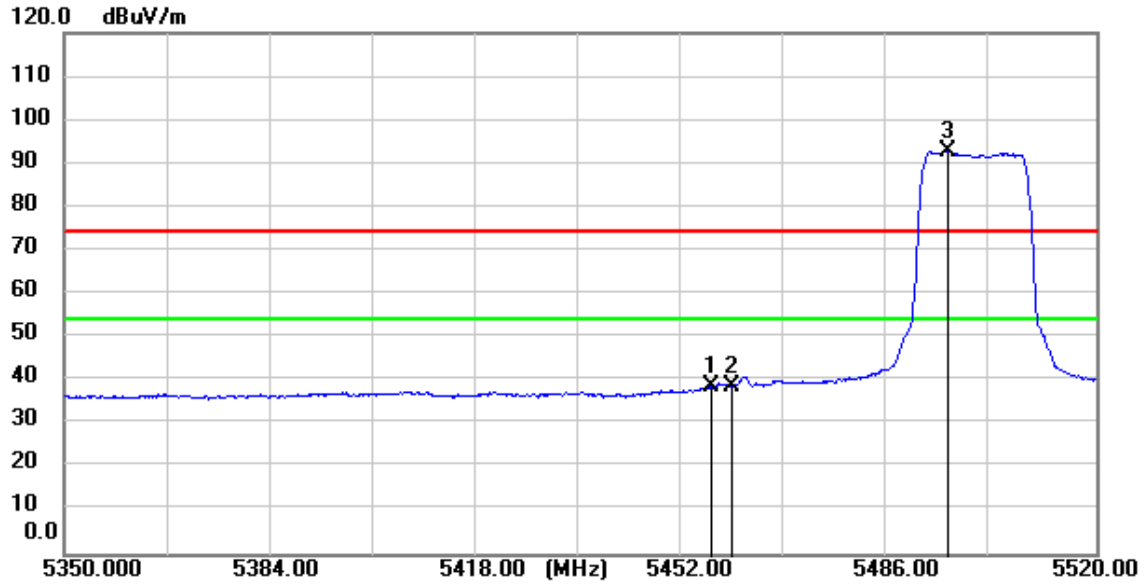
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.910	32.78	7.02	39.80	54.00	-14.20	AVG
2	5460.000	33.51	7.01	40.52	54.00	-13.48	AVG
3	5495.690	88.47	7.01	95.48	54.00	41.48	AVG

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



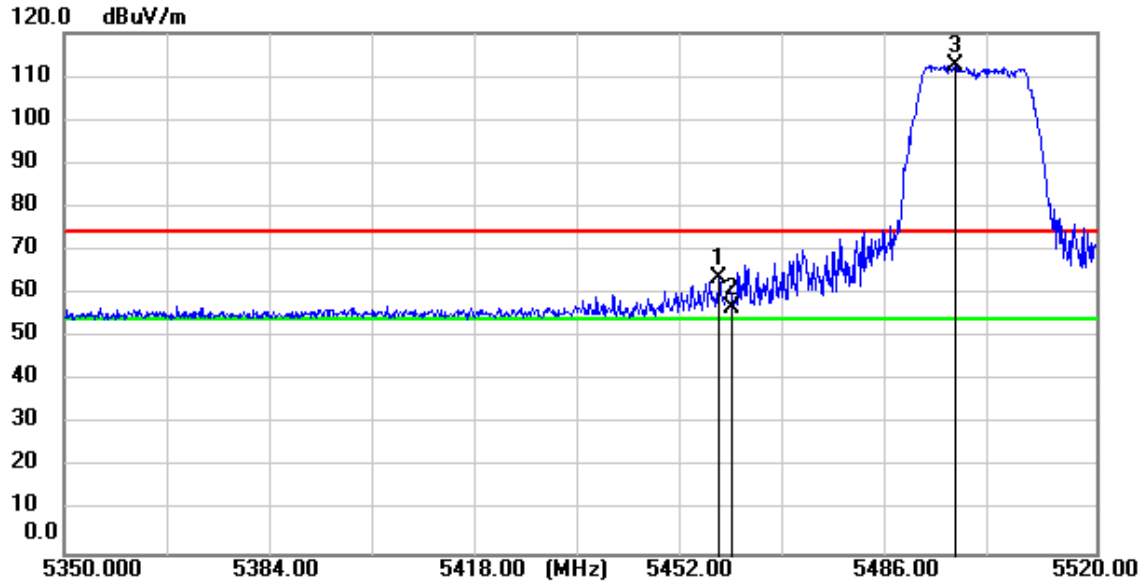
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.230	48.21	7.02	55.23	74.00	-18.77	peak
2	5460.000	42.21	7.01	49.22	74.00	-24.78	peak
3	5494.160	95.26	7.01	102.27	74.00	28.27	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



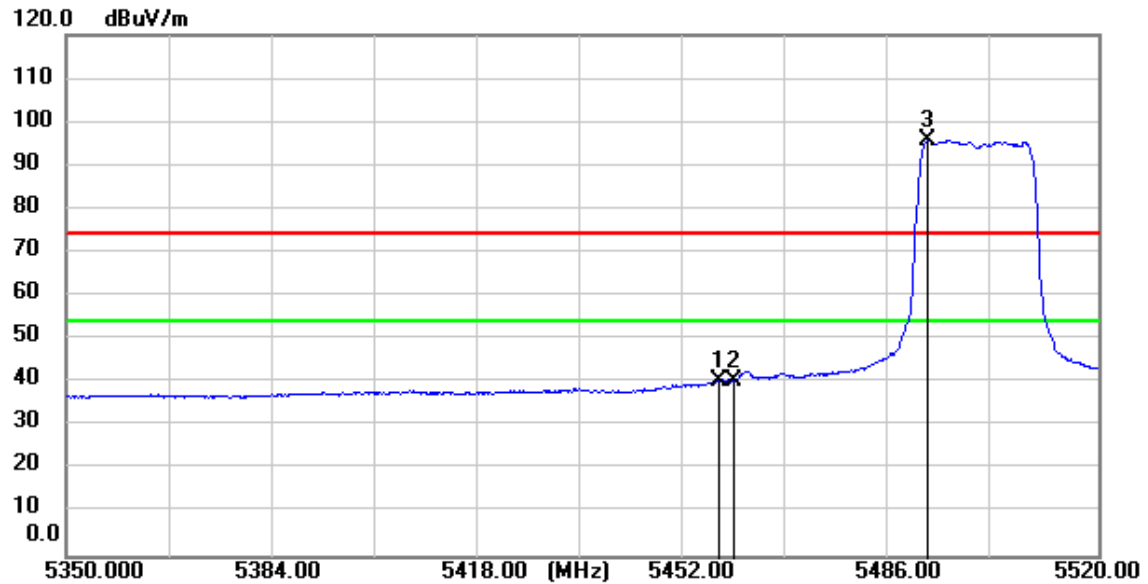
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.590	31.74	7.02	38.76	54.00	-15.24	AVG
2	5460.000	31.64	7.01	38.65	54.00	-15.35	AVG
3	5495.690	85.77	7.01	92.78	54.00	38.78	AVG

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



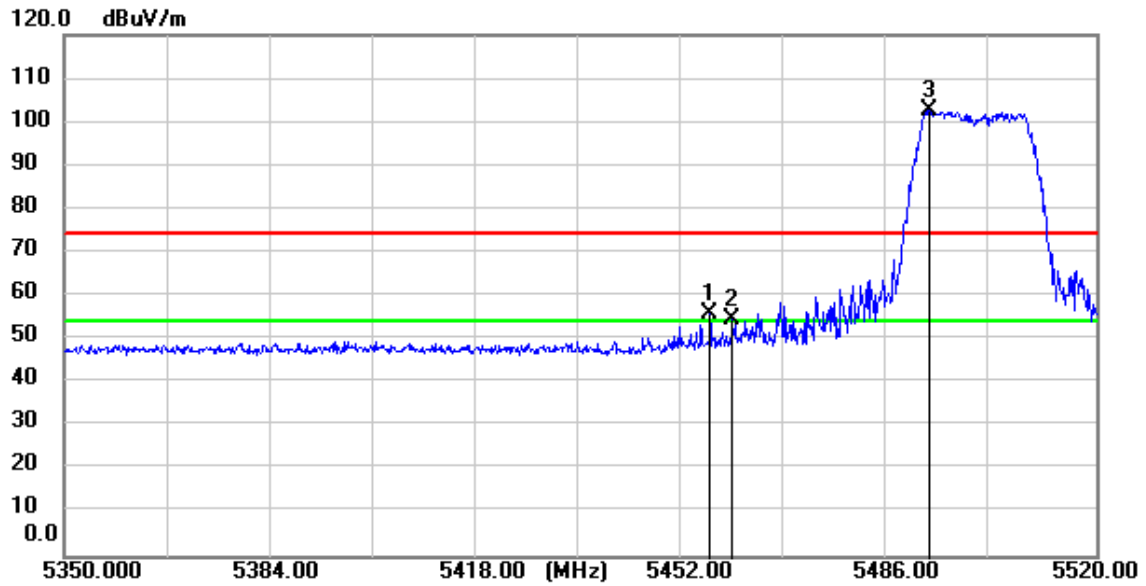
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.950	56.83	7.01	63.84	74.00	-10.16	peak
2	5460.000	49.92	7.01	56.93	74.00	-17.07	peak
3	5496.710	105.47	7.00	112.47	74.00	38.47	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



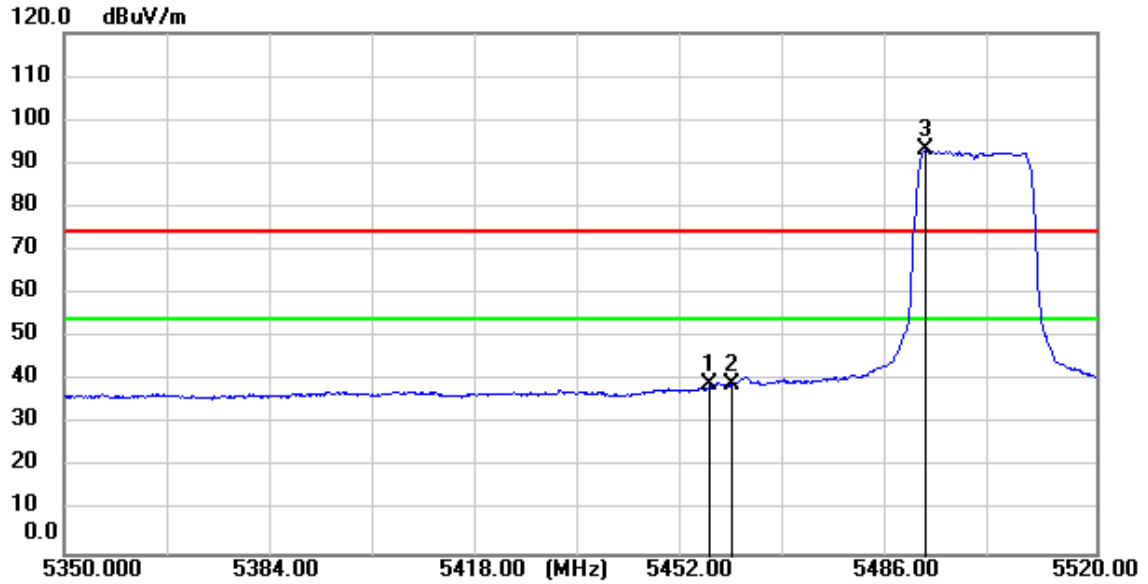
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.610	33.69	7.02	40.71	54.00	-13.29	AVG
2	5460.000	33.65	7.01	40.66	54.00	-13.34	AVG
3	5491.950	88.97	7.00	95.97	54.00	41.97	AVG

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



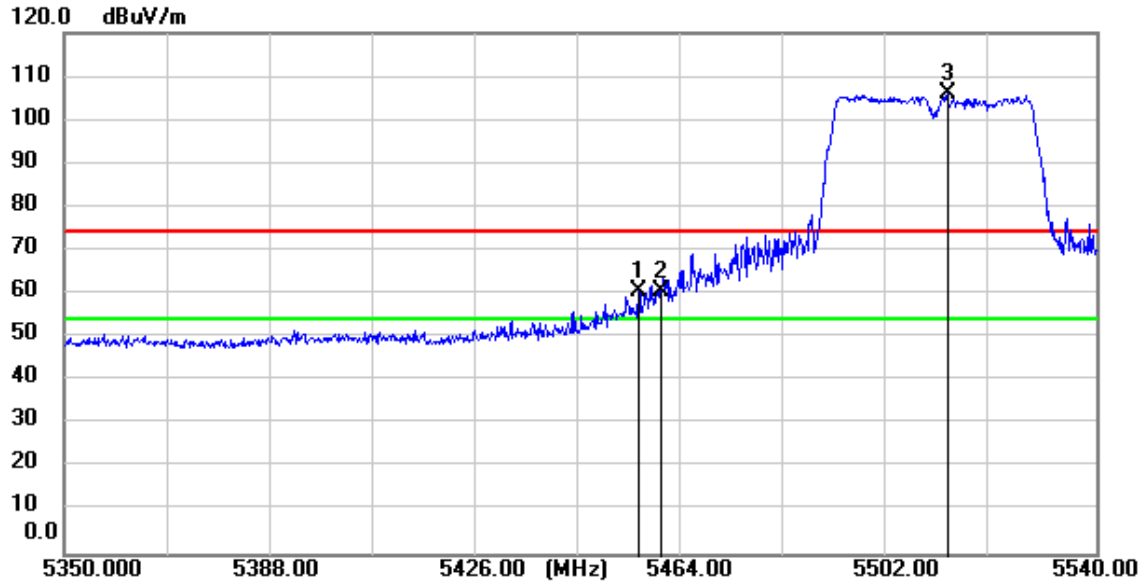
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.420	48.71	7.02	55.73	74.00	-18.27	peak
2	5460.000	47.64	7.01	54.65	74.00	-19.35	peak
3	5492.460	95.66	7.01	102.67	74.00	28.67	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



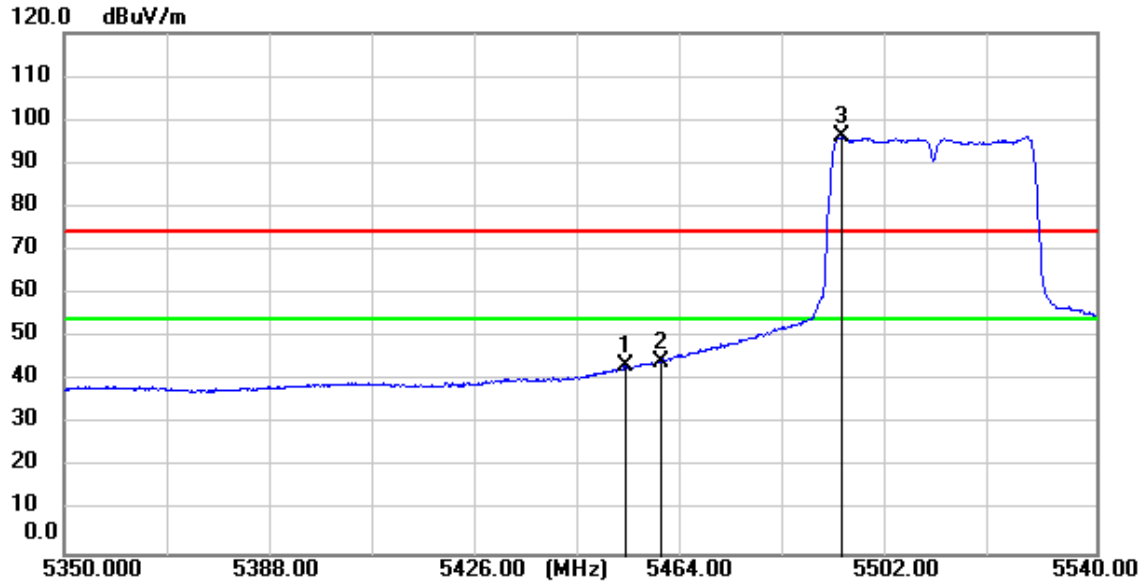
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.420	32.00	7.02	39.02	54.00	-14.98	AVG
2	5460.000	32.04	7.01	39.05	54.00	-14.95	AVG
3	5491.950	86.31	7.00	93.31	54.00	39.31	AVG

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



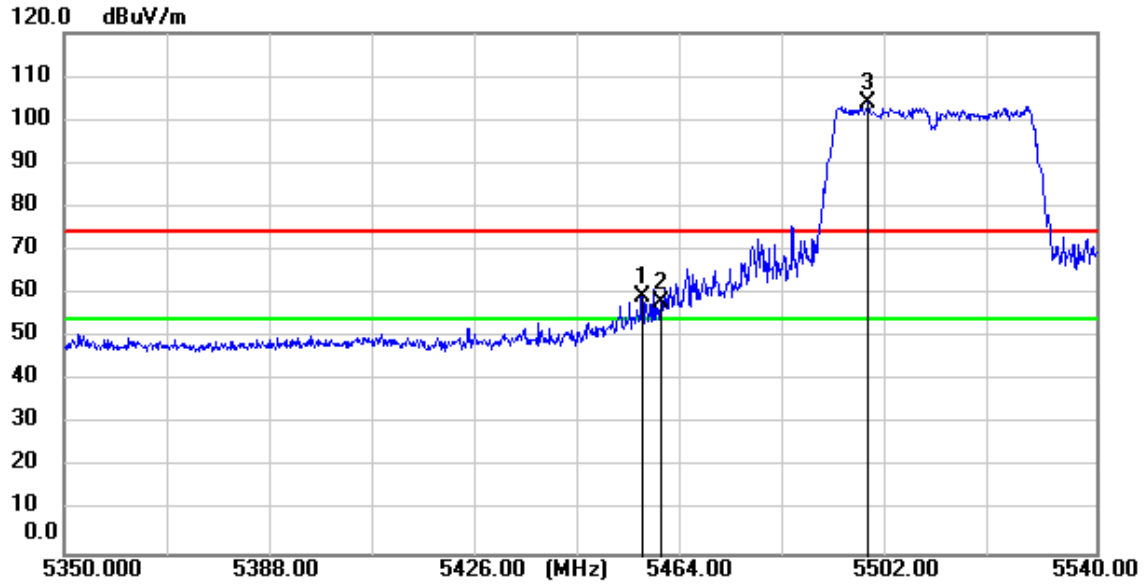
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.640	53.60	7.02	60.62	74.00	-13.38	peak
2	5460.000	53.43	7.01	60.44	74.00	-13.56	peak
3	5512.640	99.10	7.00	106.10	74.00	32.10	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



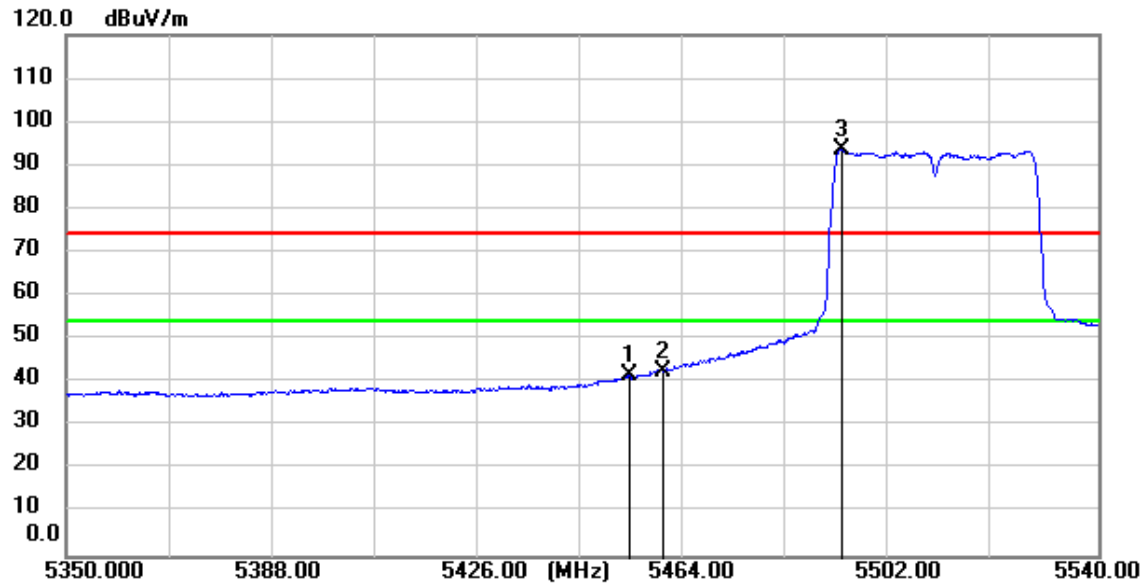
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.360	36.57	7.02	43.59	54.00	-10.41	AVG
2	5460.000	37.44	7.01	44.45	54.00	-9.55	AVG
3	5493.070	89.15	7.01	96.16	54.00	42.16	AVG

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



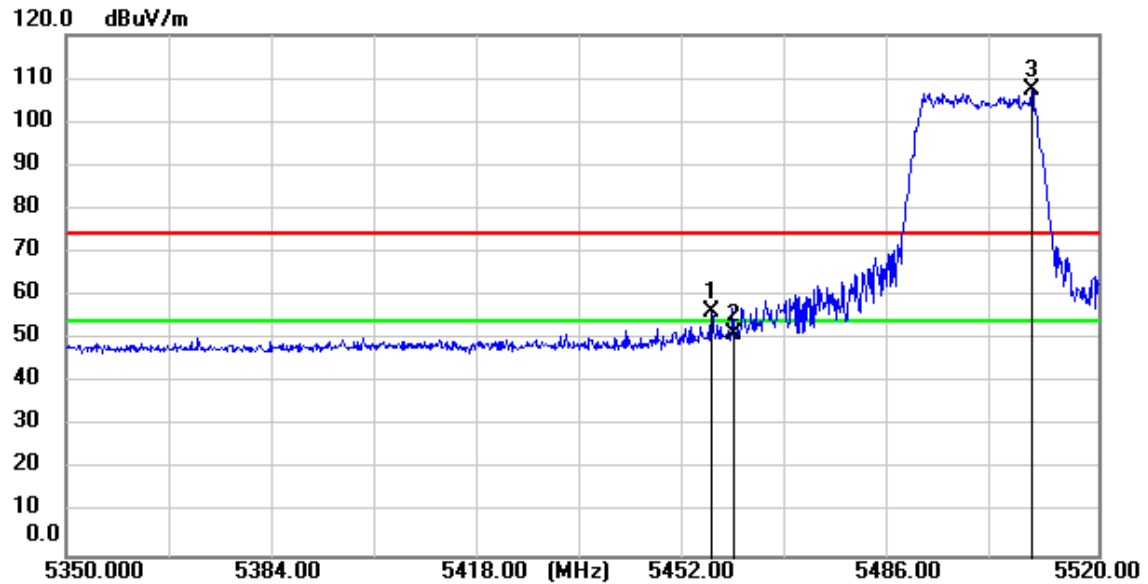
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.400	52.38	7.02	59.40	74.00	-14.60	peak
2	5460.000	51.15	7.01	58.16	74.00	-15.84	peak
3	5498.010	96.90	7.00	103.90	74.00	29.90	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



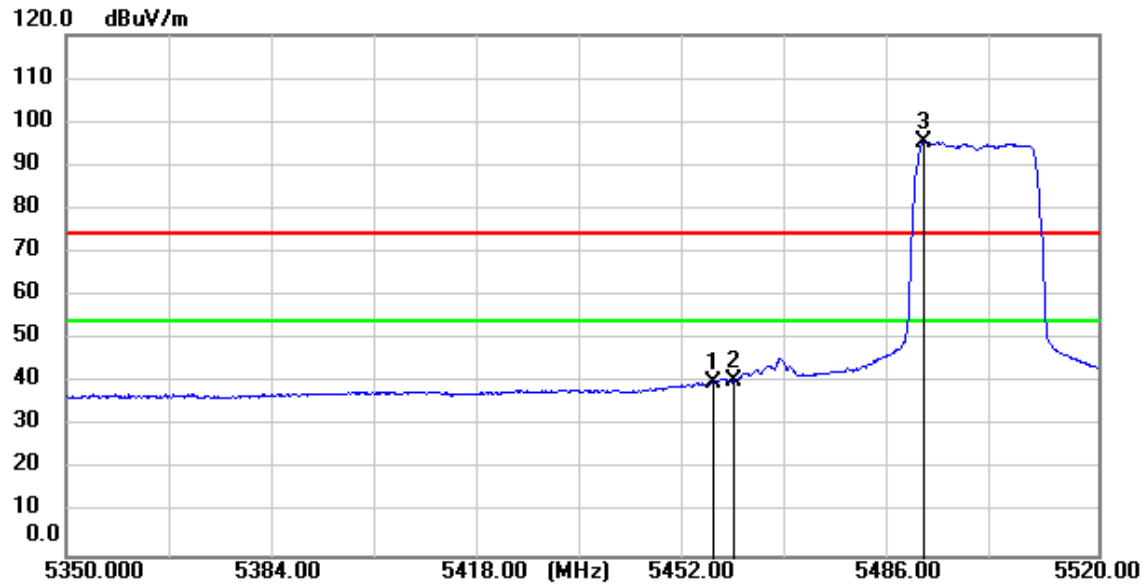
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.740	34.78	7.02	41.80	54.00	-12.20	AVG
2	5460.000	35.76	7.01	42.77	54.00	-11.23	AVG
3	5492.690	86.51	7.01	93.52	54.00	39.52	AVG

Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



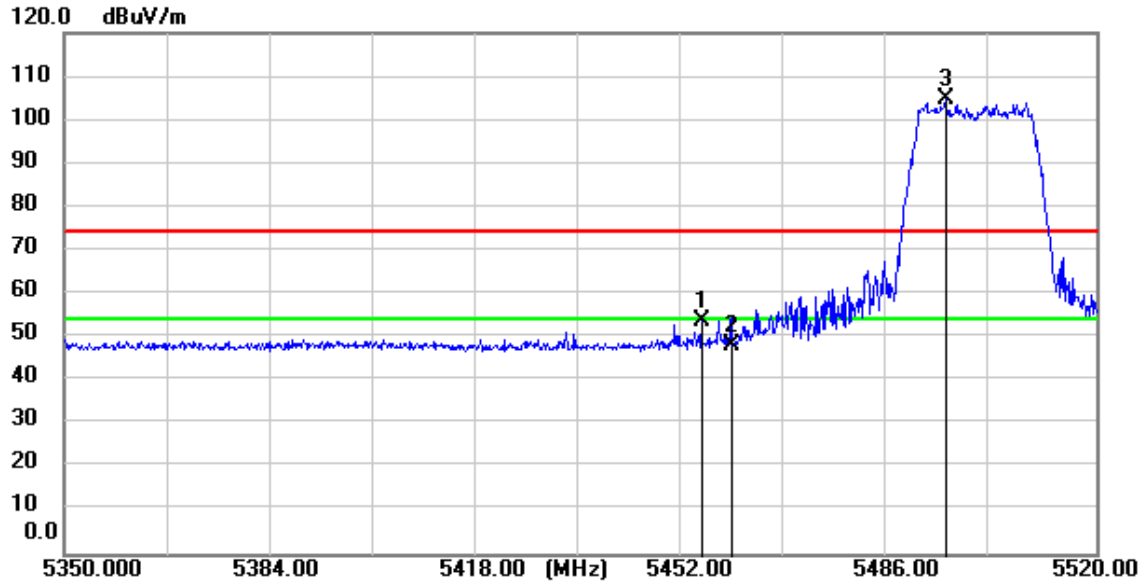
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.420	49.46	7.02	56.48	74.00	-17.52	peak
2	5460.000	44.05	7.01	51.06	74.00	-22.94	peak
3	5509.120	100.42	7.00	107.42	74.00	33.42	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



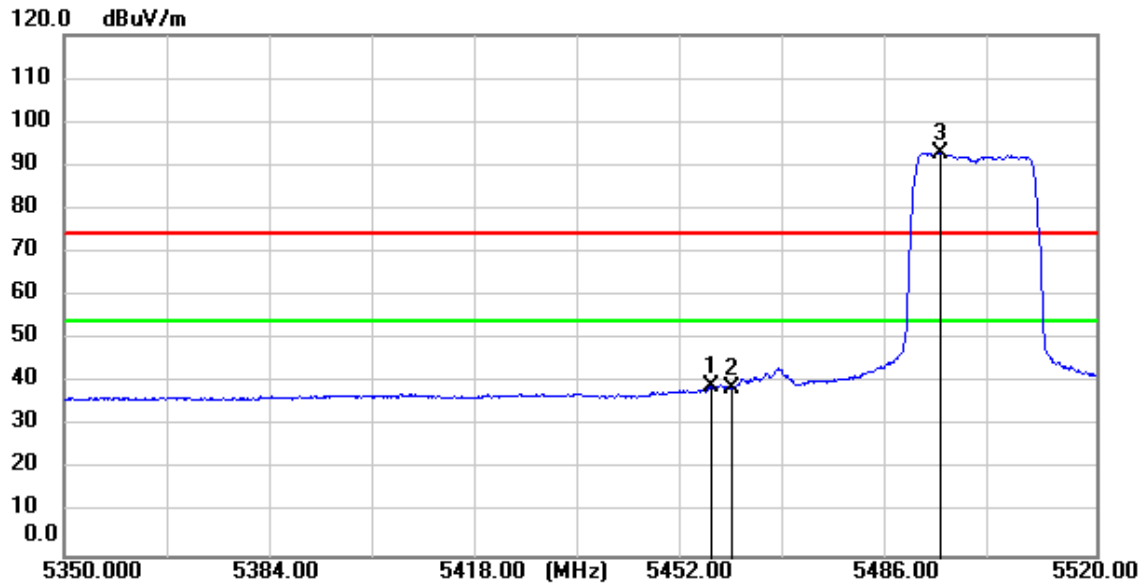
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.590	33.07	7.02	40.09	54.00	-13.91	AVG
2	5460.000	33.37	7.01	40.38	54.00	-13.62	AVG
3	5491.270	88.33	7.00	95.33	54.00	41.33	AVG

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



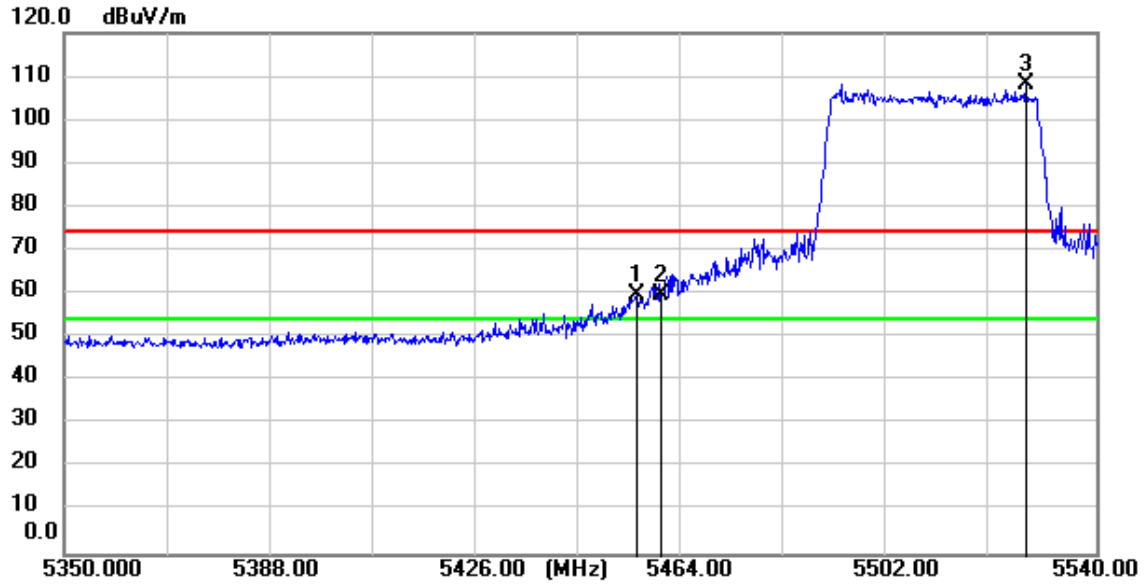
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.060	46.62	7.02	53.64	74.00	-20.36	peak
2	5460.000	41.30	7.01	48.31	74.00	-25.69	peak
3	5495.180	97.72	7.01	104.73	74.00	30.73	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



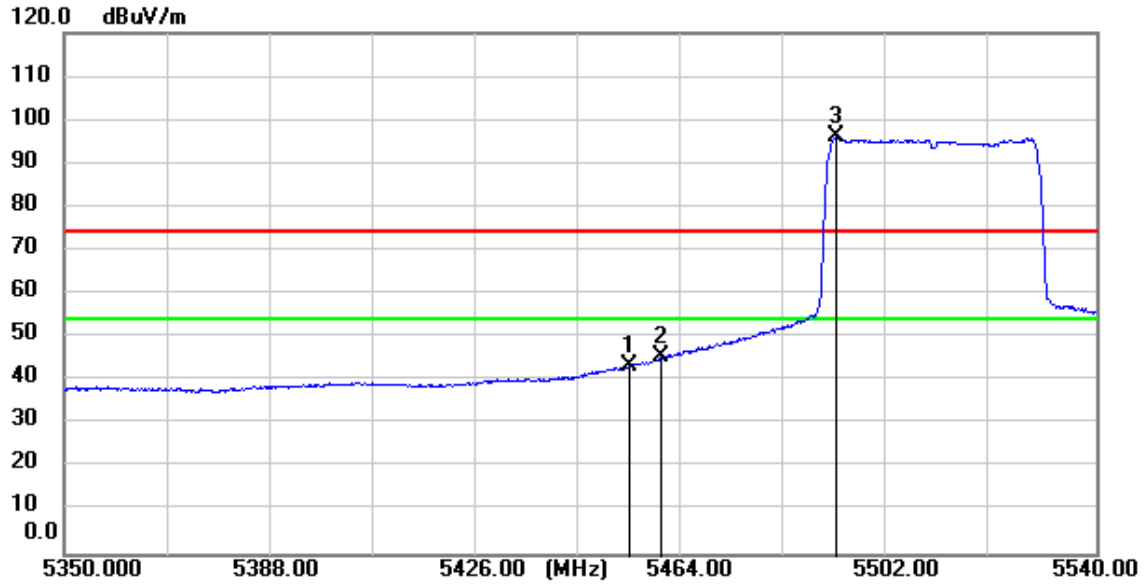
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.590	32.23	7.02	39.25	54.00	-14.75	AVG
2	5460.000	31.98	7.01	38.99	54.00	-15.01	AVG
3	5494.330	85.83	7.01	92.84	54.00	38.84	AVG

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



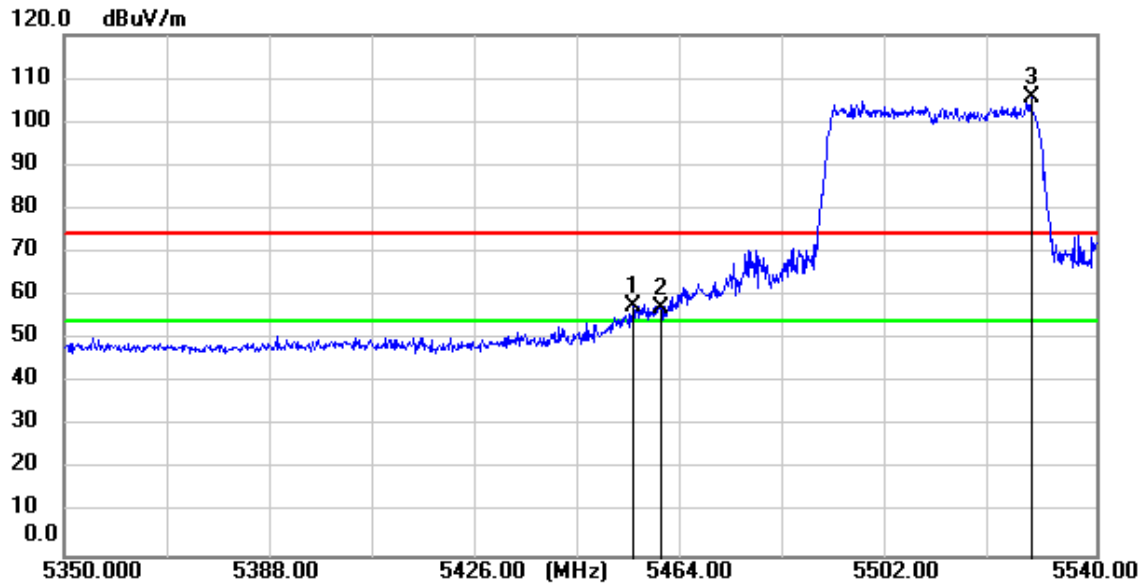
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.450	52.95	7.02	59.97	74.00	-14.03	peak
2	5460.000	52.94	7.01	59.95	74.00	-14.05	peak
3	5527.080	101.40	6.99	108.39	74.00	34.39	peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



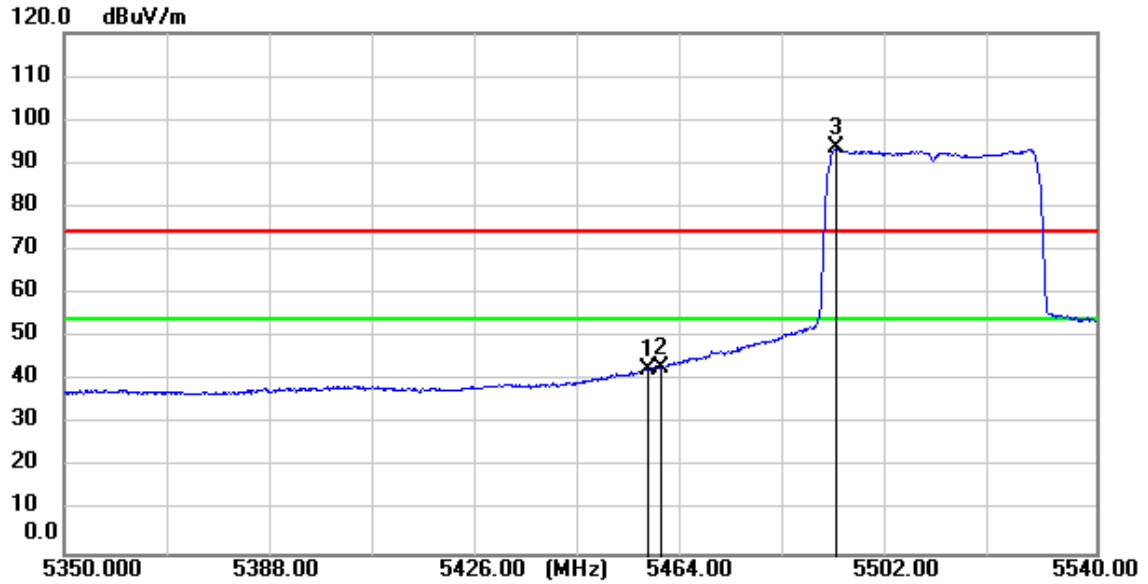
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.930	36.34	7.02	43.36	54.00	-10.64	AVG
2	5460.000	38.44	7.01	45.45	54.00	-8.55	AVG
3	5492.120	89.05	7.01	96.06	54.00	42.06	AVG

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



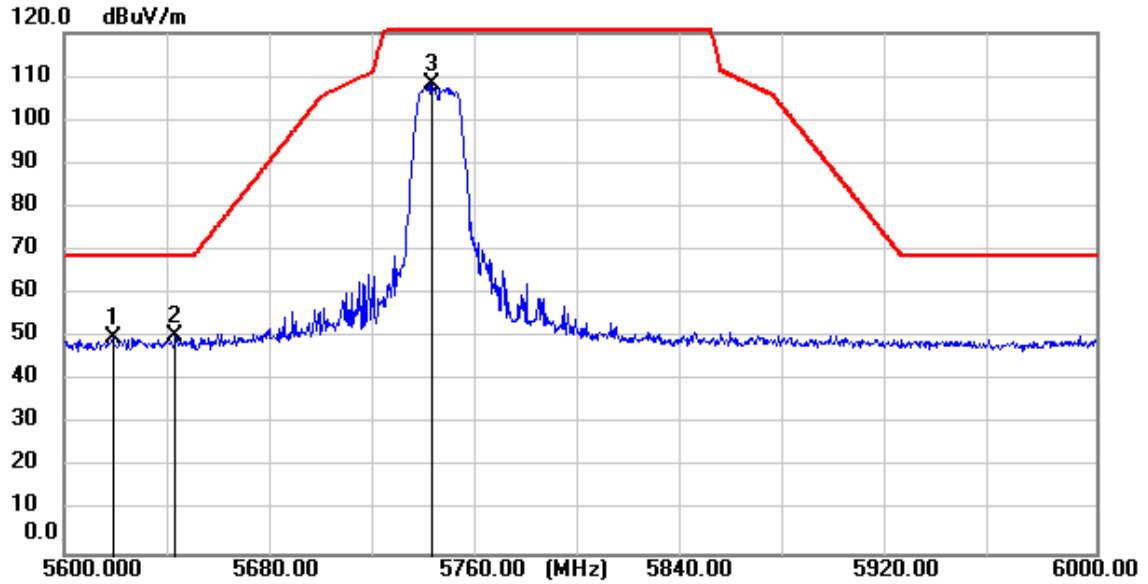
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.880	50.63	7.02	57.65	74.00	-16.35	peak
2	5460.000	50.16	7.01	57.17	74.00	-16.83	peak
3	5528.030	98.48	6.99	105.47	74.00	31.47	peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



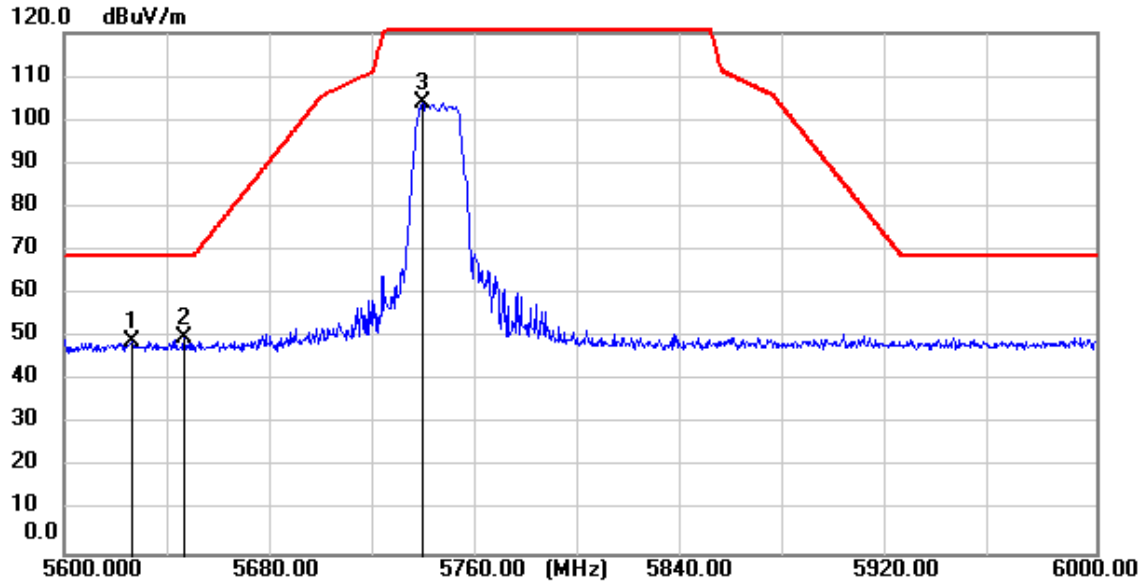
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.350	35.72	7.02	42.74	54.00	-11.26	AVG
2	5460.000	35.89	7.01	42.90	54.00	-11.10	AVG
3	5492.310	86.46	7.01	93.47	54.00	39.47	AVG

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



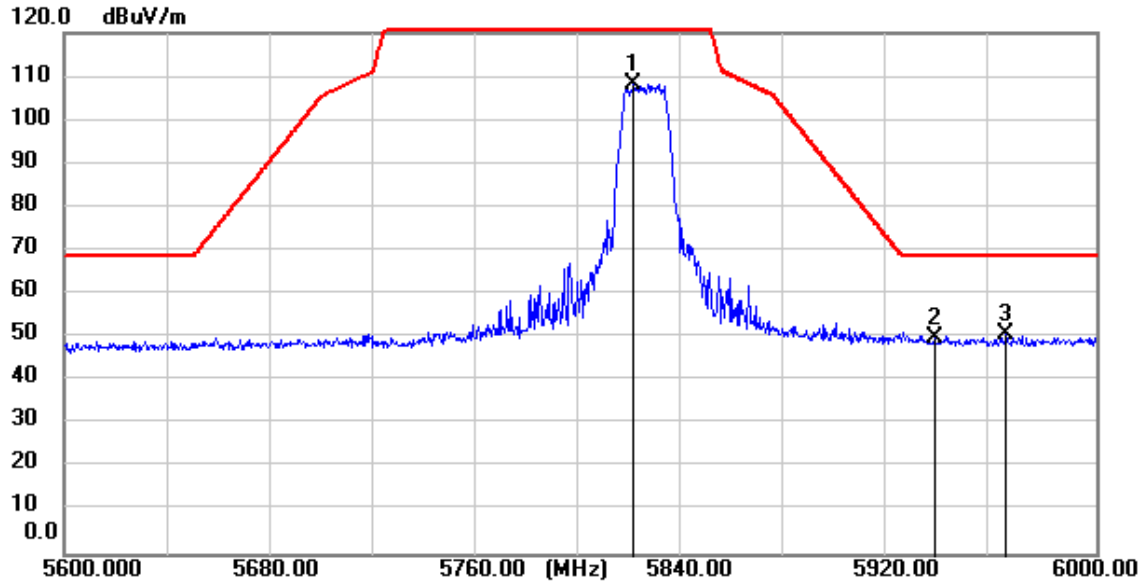
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.800	42.92	7.13	50.05	68.20	-18.15	peak
2	5643.200	43.07	7.18	50.25	68.20	-17.95	peak
3	5742.400	100.87	7.41	108.28	135.00	-26.72	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



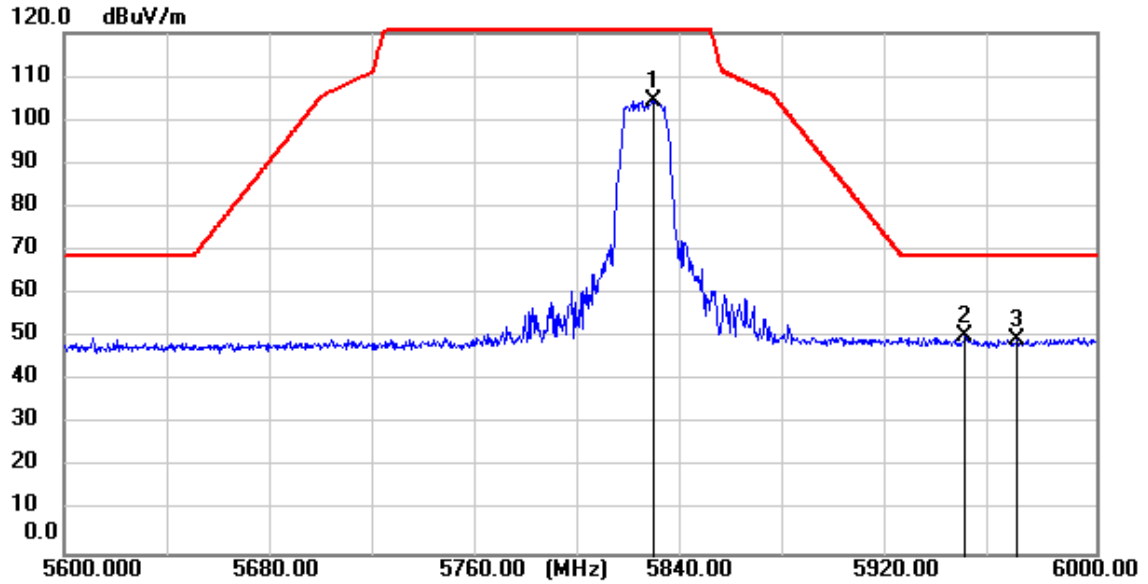
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.000	41.74	7.14	48.88	68.20	-19.32	peak
2	5646.400	42.56	7.19	49.75	68.20	-18.45	peak
3	5738.800	96.67	7.41	104.08	135.00	-30.92	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



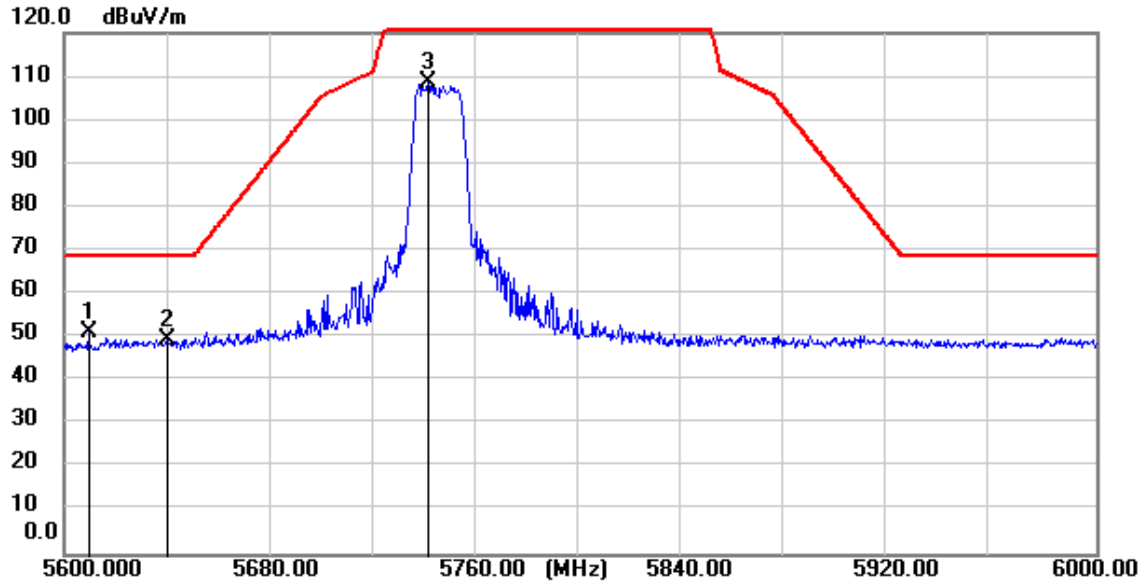
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.800	100.67	7.60	108.27	135.00	-26.73	peak
2	5937.200	42.07	7.87	49.94	68.20	-18.26	peak
3	5965.200	42.77	7.94	50.71	68.20	-17.49	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



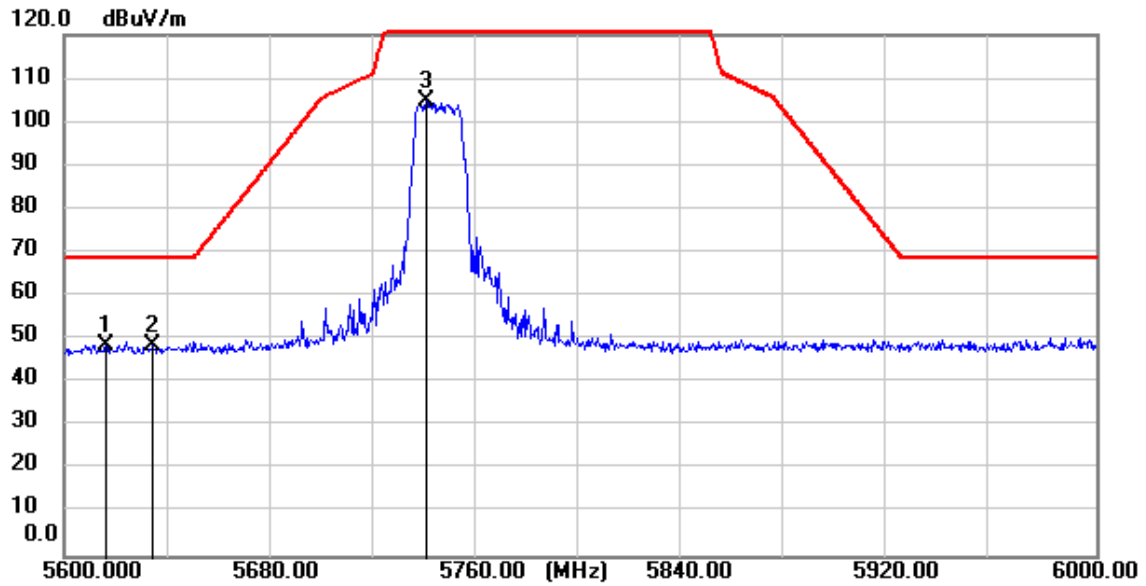
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.800	96.86	7.62	104.48	135.00	-30.52	peak
2	5949.200	42.37	7.90	50.27	68.20	-17.93	peak
3	5969.600	41.51	7.95	49.46	68.20	-18.74	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



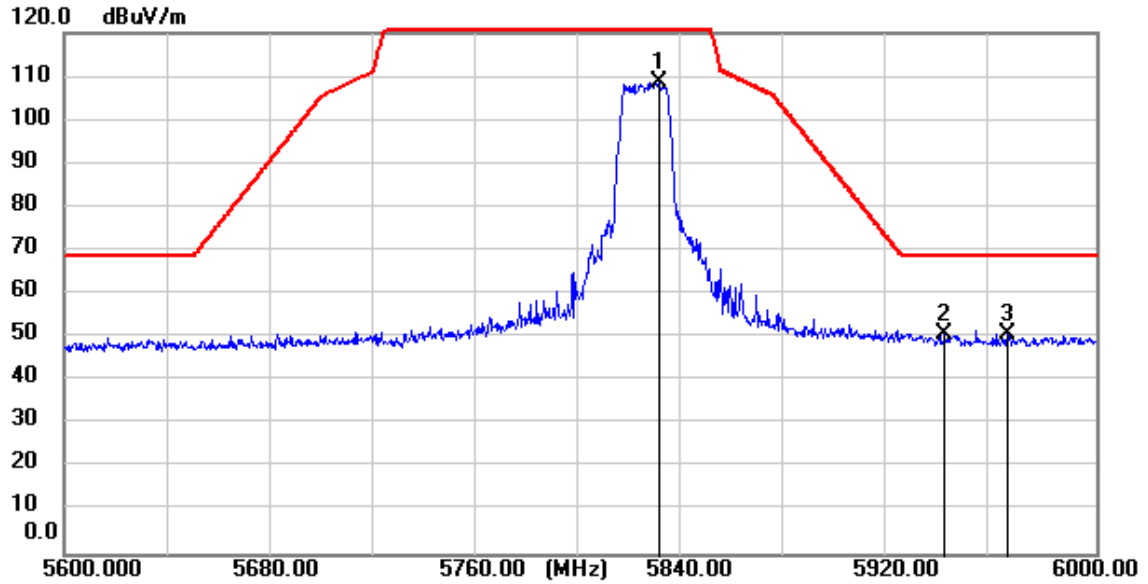
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.600	44.13	7.10	51.23	68.20	-16.97	peak
2	5640.000	42.16	7.18	49.34	68.20	-18.86	peak
3	5740.800	101.24	7.41	108.65	135.00	-26.35	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



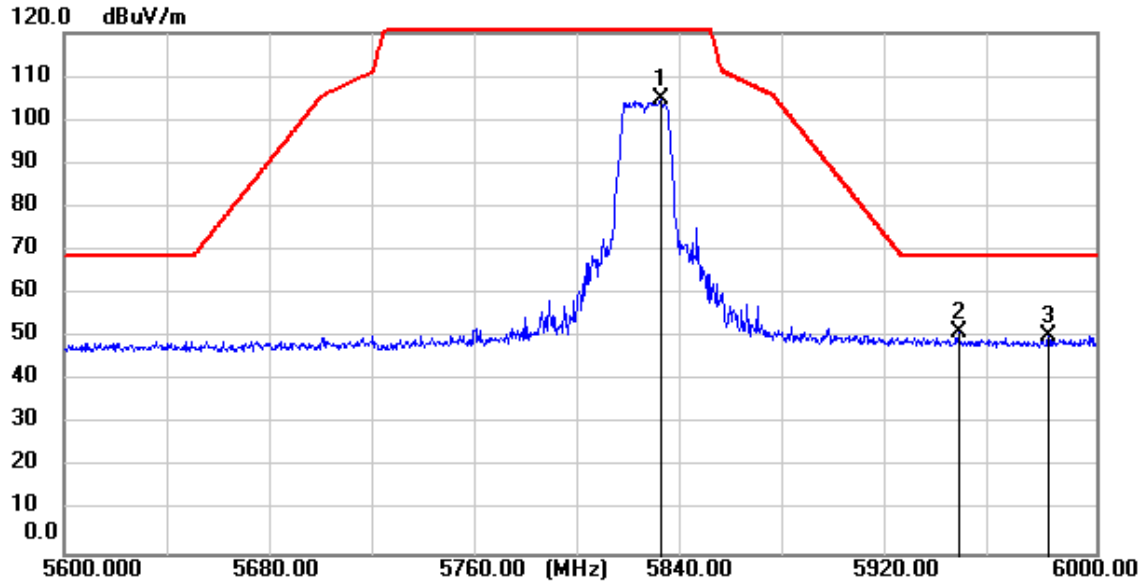
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.400	41.63	7.12	48.75	68.20	-19.45	peak
2	5634.400	41.51	7.17	48.68	68.20	-19.52	peak
3	5740.400	97.47	7.41	104.88	135.00	-30.12	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



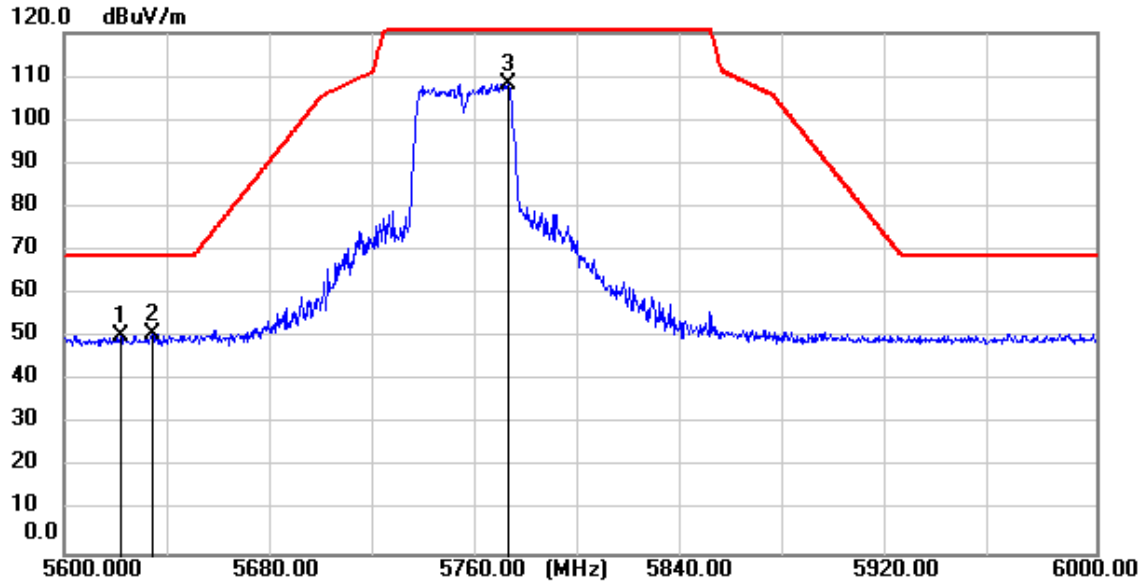
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.400	101.12	7.62	108.74	135.00	-26.26	peak
2	5941.200	42.95	7.89	50.84	68.20	-17.36	peak
3	5966.000	42.96	7.94	50.90	68.20	-17.30	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



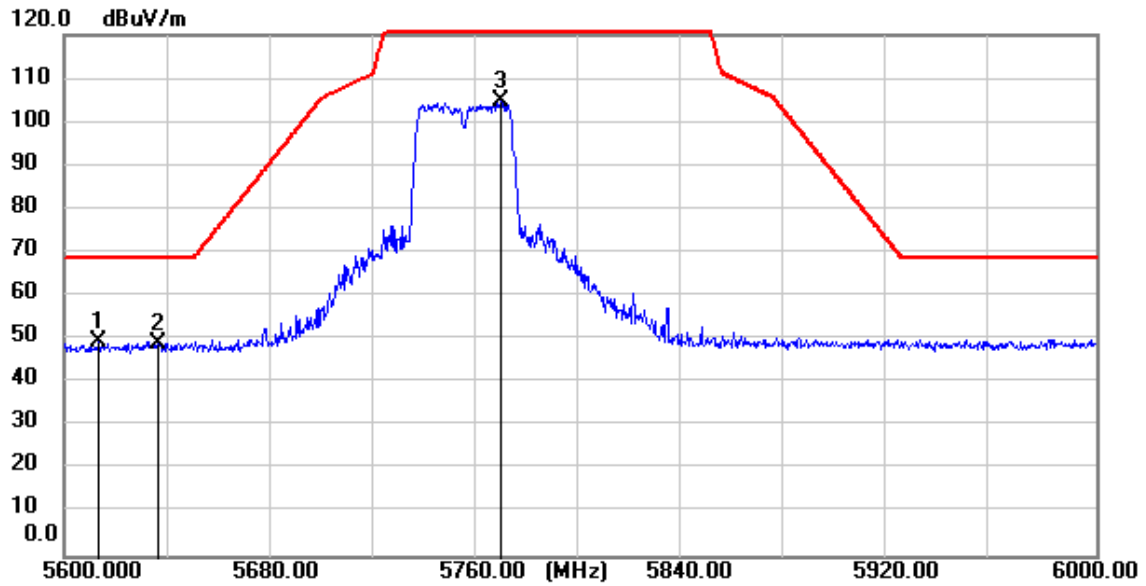
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5831.200	97.27	7.62	104.89	135.00	-30.11	peak
2	5946.800	43.19	7.90	51.09	68.20	-17.11	peak
3	5981.600	42.33	7.97	50.30	68.20	-17.90	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



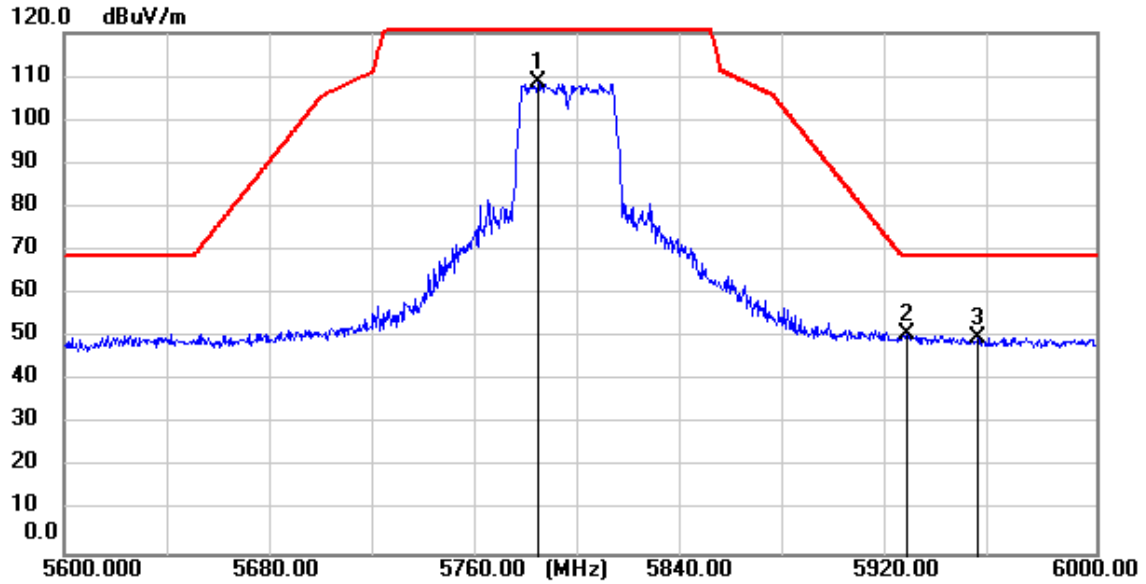
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.000	43.19	7.13	50.32	68.20	-17.88	peak
2	5634.400	43.66	7.17	50.83	68.20	-17.37	peak
3	5772.400	100.67	7.49	108.16	135.00	-26.84	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low

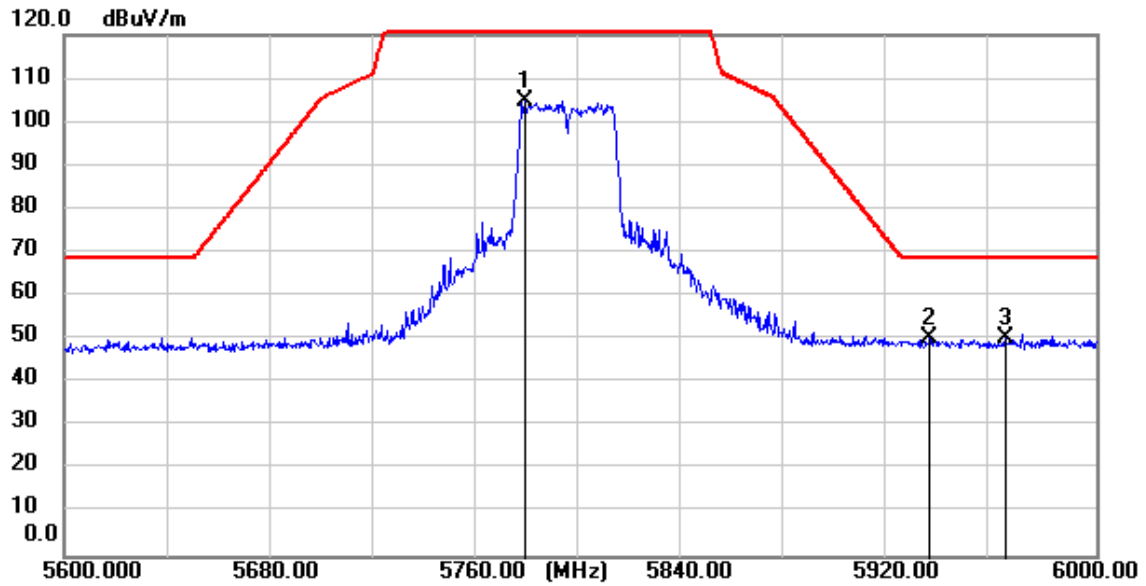


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5613.600	42.19	7.11	49.30	68.20	-18.90	peak
2	5636.800	42.00	7.16	49.16	68.20	-19.04	peak
3	5769.200	97.11	7.48	104.59	135.00	-30.41	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

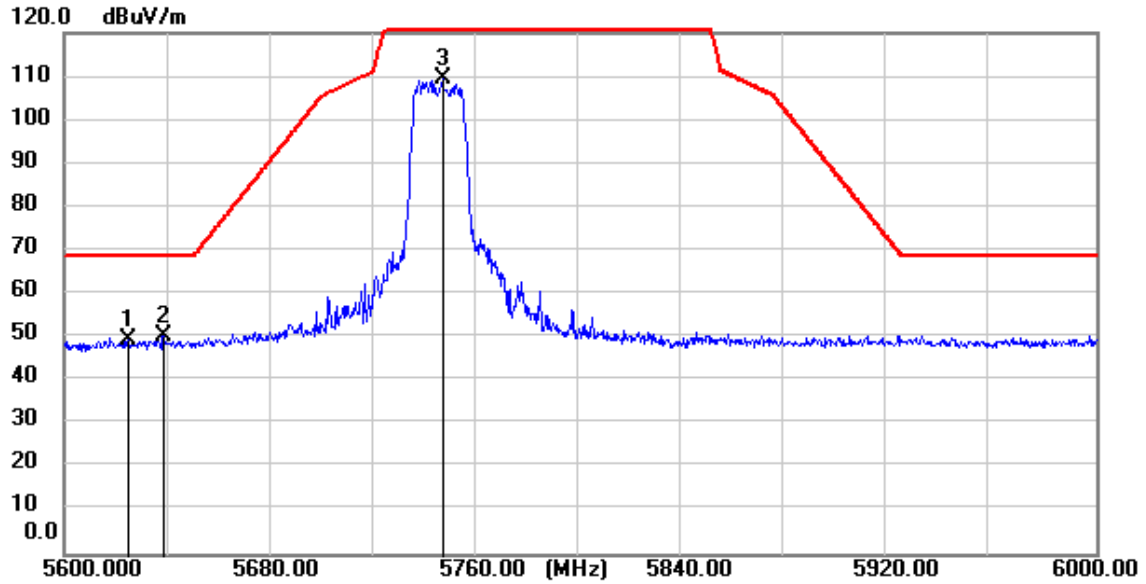


Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



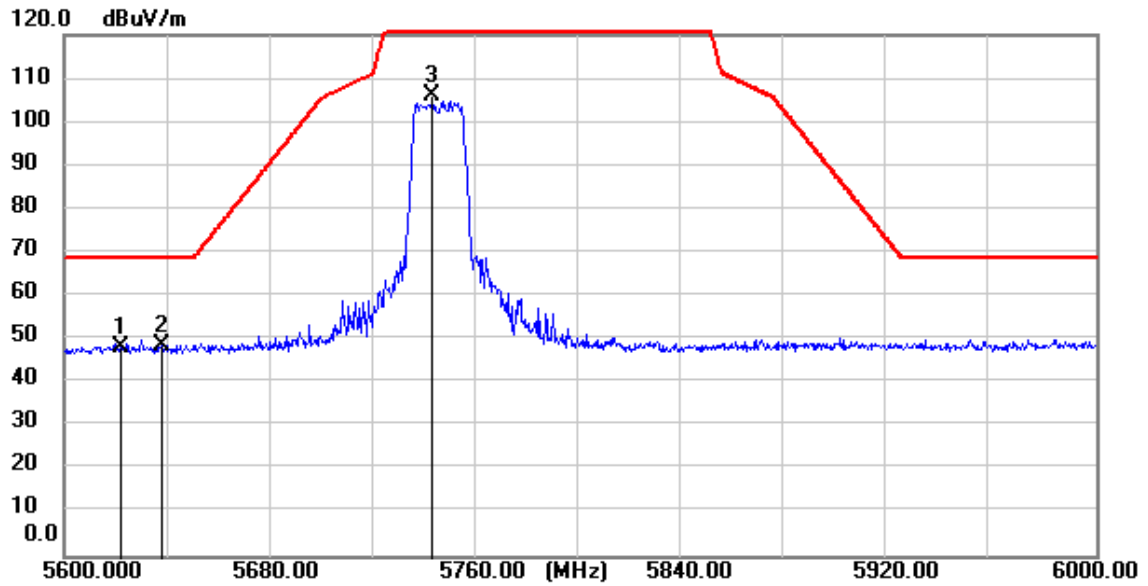
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5778.400	97.37	7.50	104.87	135.00	-30.13	peak
2	5935.600	42.62	7.86	50.48	68.20	-17.72	peak
3	5964.800	42.23	7.94	50.17	68.20	-18.03	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



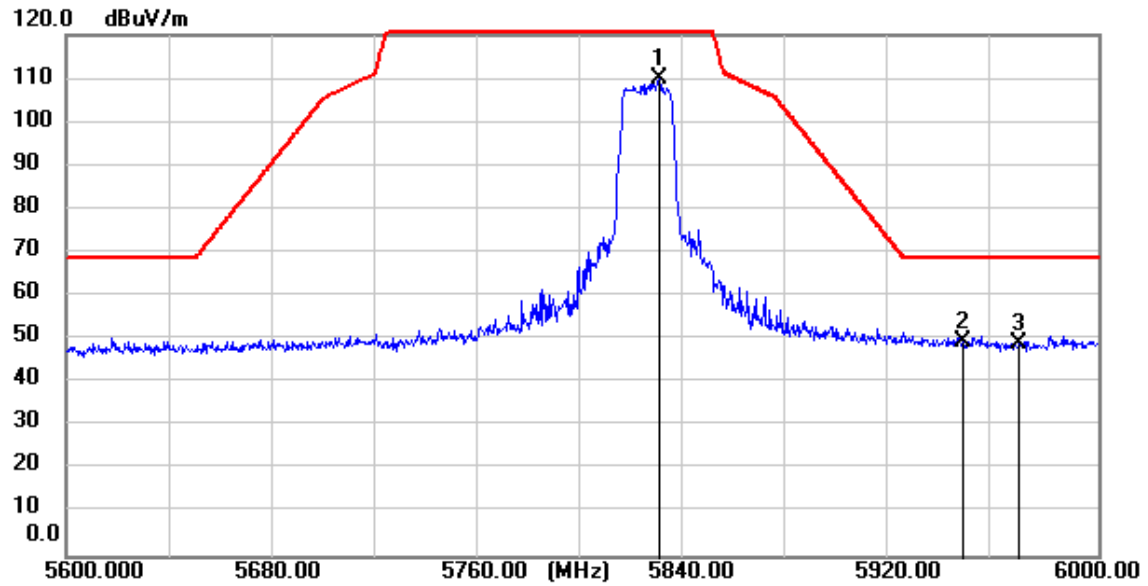
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.800	42.20	7.14	49.34	68.20	-18.86	peak
2	5638.400	43.22	7.17	50.39	68.20	-17.81	peak
3	5746.800	101.94	7.43	109.37	135.00	-25.63	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



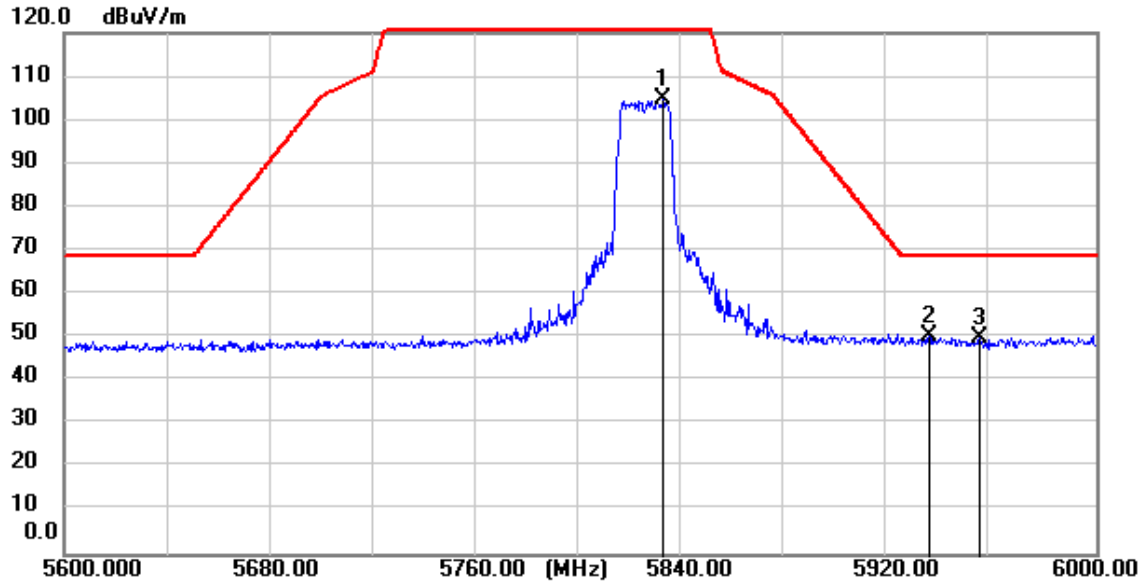
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.000	41.16	7.13	48.29	68.20	-19.91	peak
2	5638.000	41.49	7.17	48.66	68.20	-19.54	peak
3	5742.800	98.45	7.41	105.86	135.00	-29.14	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



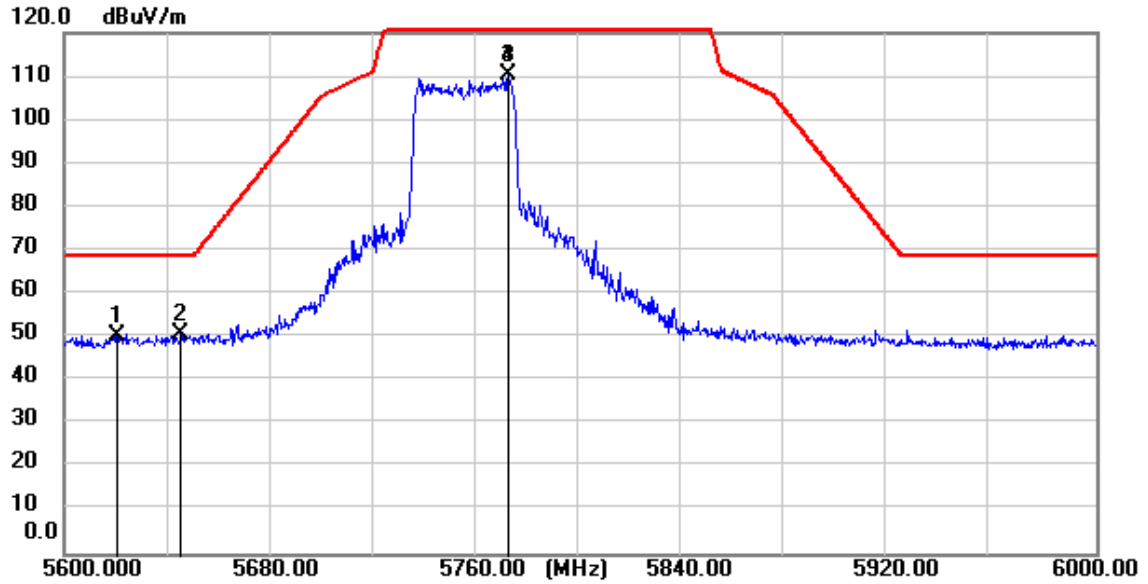
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.000	102.22	7.62	109.84	135.00	-25.16	peak
2	5948.000	41.73	7.90	49.63	68.20	-18.57	peak
3	5969.600	41.12	7.95	49.07	68.20	-19.13	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



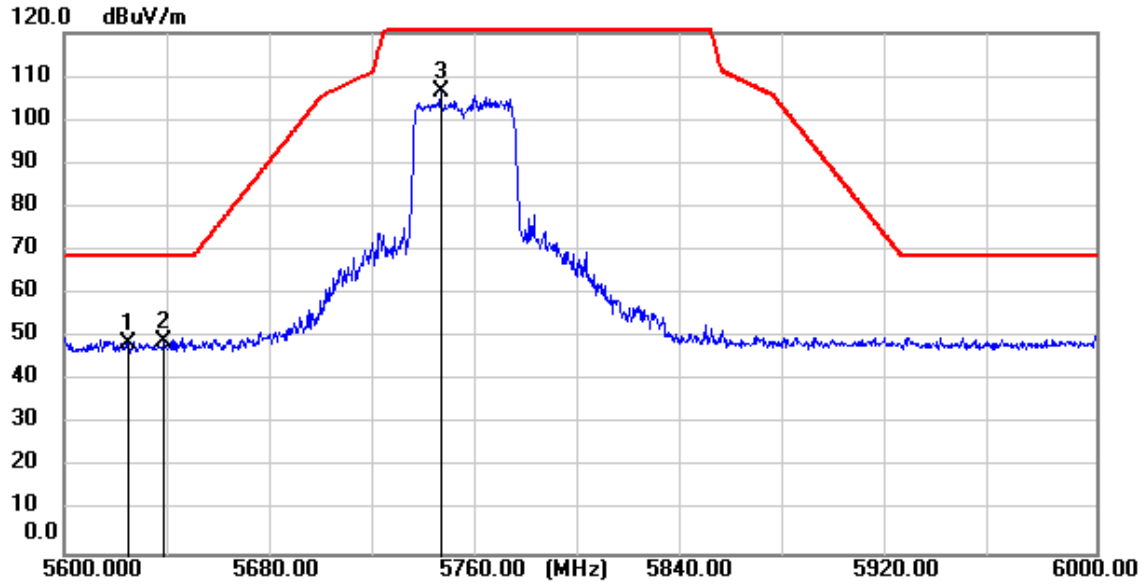
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5832.400	96.99	7.63	104.62	135.00	-30.38	peak
2	5935.200	42.51	7.86	50.37	68.20	-17.83	peak
3	5954.800	42.07	7.92	49.99	68.20	-18.21	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



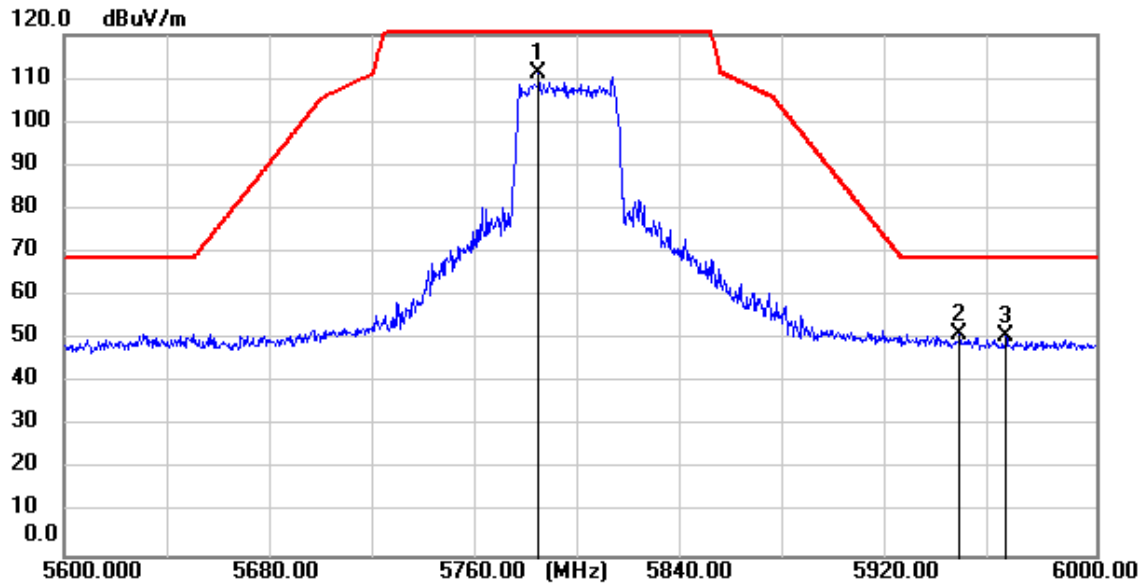
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.800	43.32	7.13	50.45	68.20	-17.75	peak
2	5645.200	43.69	7.18	50.87	68.20	-17.33	peak
3	5772.400	102.83	7.49	110.32	135.00	-24.68	peak
4	5772.400	102.83	7.49	110.32	135.00	-24.68	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



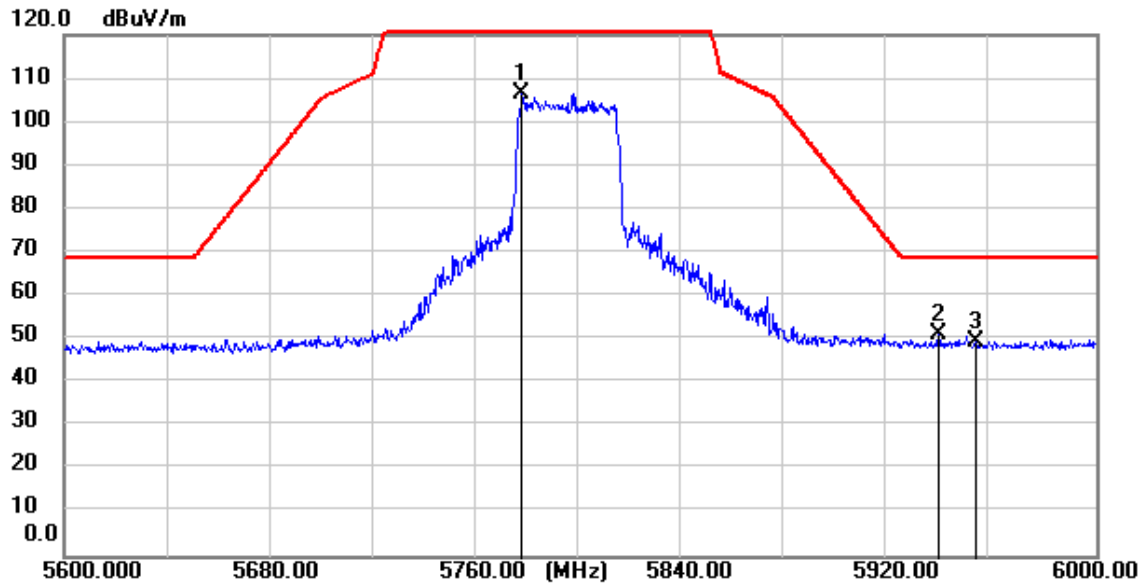
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.200	41.68	7.14	48.82	68.20	-19.38	peak
2	5638.800	41.79	7.17	48.96	68.20	-19.24	peak
3	5746.000	99.25	7.42	106.67	135.00	-28.33	peak

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5784.000	103.52	7.51	111.03	135.00	-23.97	peak
2	5947.200	43.40	7.90	51.30	68.20	-16.90	peak
3	5965.200	42.98	7.94	50.92	68.20	-17.28	peak

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5777.600	98.87	7.50	106.37	135.00	-28.63	peak
2	5939.200	43.28	7.88	51.16	68.20	-17.04	peak
3	5953.200	41.68	7.91	49.59	68.20	-18.61	peak

7.6 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.6.1 E.U.T. Operation

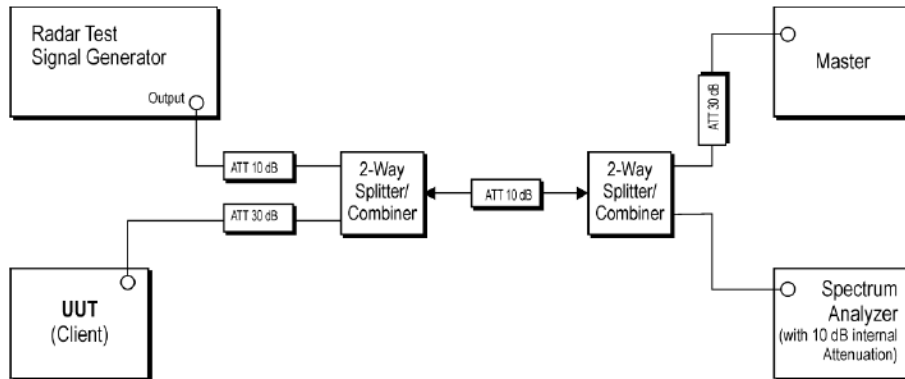
Operating Environment:

Temperature: 22.5 °C Humidity: 50.2 % RH Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.7 Duty Cycle

Test Requirement ANSI C63.10 (2020) Section 12.2

Test Method: ANSI C63.10 (2020) Section 12.2

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

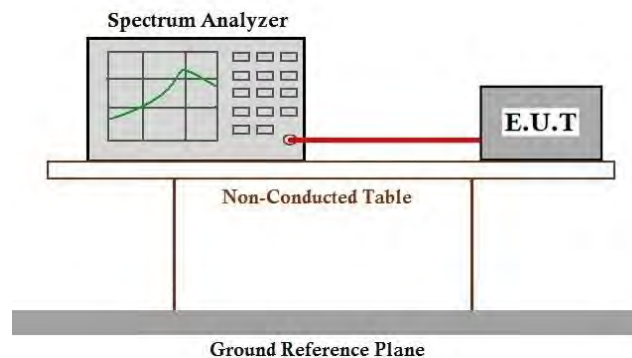
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 99% Bandwidth

Test Requirement ANSI C63.10 (2020) Section 12.4.2

Test Method: ANSI C63.10 (2020) Section 12.4.2

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

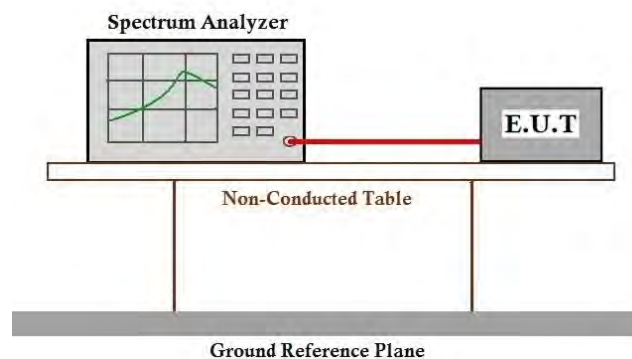
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.4.1

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

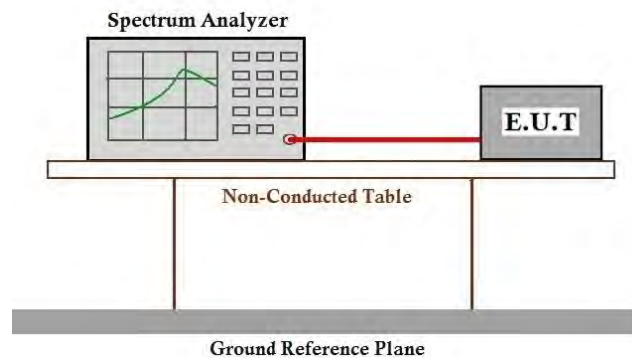
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.10 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: ANSI C63.10 (2020) Section 6.9.2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥ 500 kHz

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

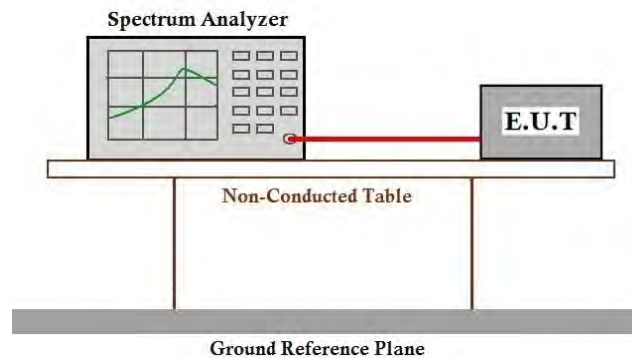
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2020) Section 12.5

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

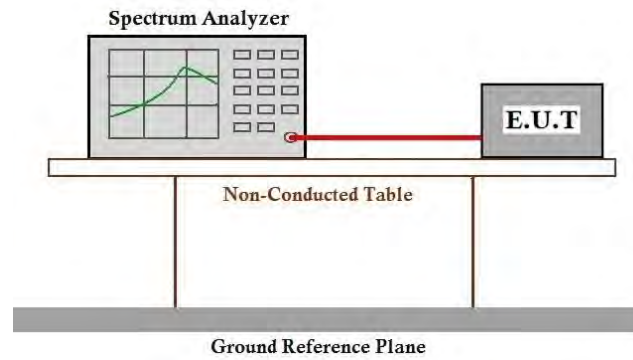
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2020) Section 6.8

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

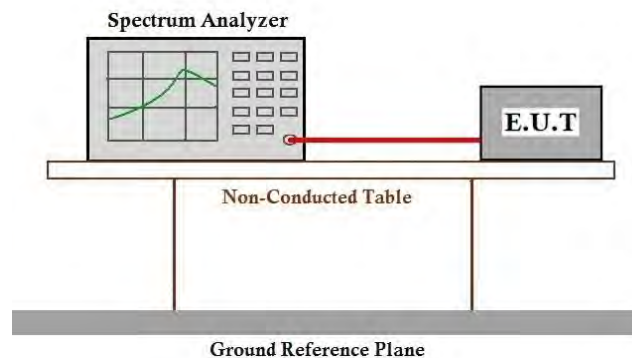
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40, Only the data of worst case is recorded in the report.

7.12.3 Test Setup Diagram



7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.13 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.13.1 E.U.T. Operation

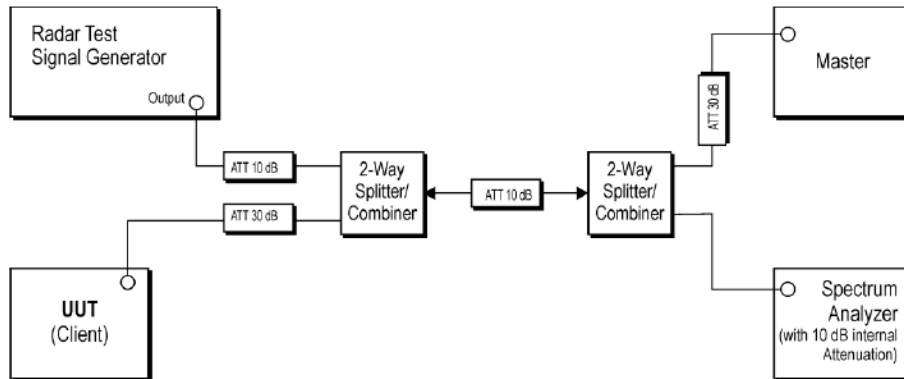
Operating Environment:

Temperature: 22.5 °C Humidity: 50.2 % RH Atmospheric Pressure: 1010 mbar

7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.13.3 Test Setup Diagram



7.13.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.14 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.14.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

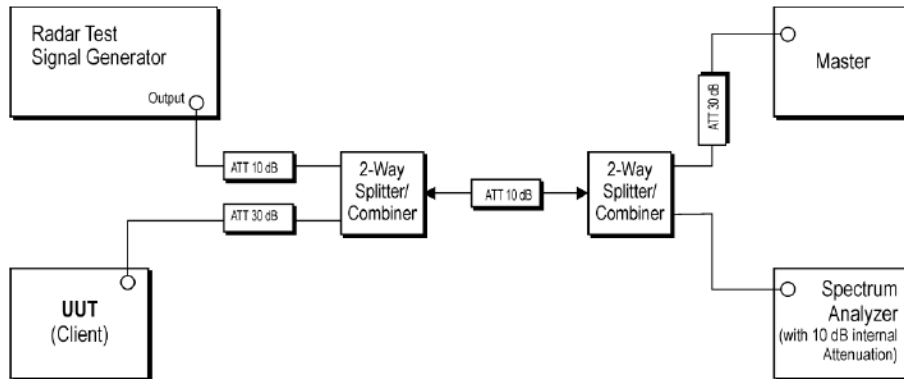
Humidity: 50.2 % RH

Atmospheric Pressure: 1010 mbar

7.14.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.14.3 Test Setup Diagram



7.14.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2503000475AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix_Photographs of EUT Constructional Details for KSCR2503000475AT



10 Appendix

1. Signal Calibration

1.1 Test Result

1.1.1 SC

Band: 2A							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ax (HEW40)	40	5310	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

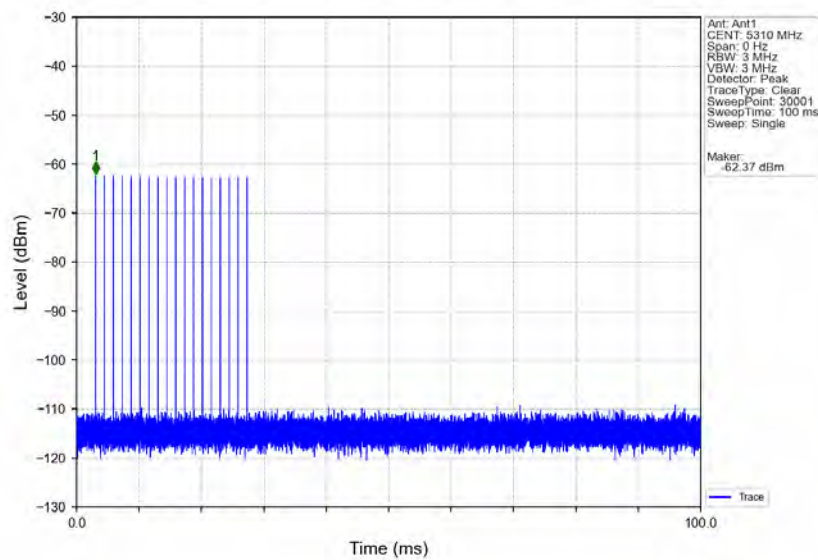
1.1.2 SC

Band: 2C							
Mode	Bandwidth (MHz)	Frequency (MHz)	Radar Signal		Signal Calibration		Verdict
			Type	Trial Id	Result	Limit	
802.11ax (HEW40)	40	5510	0	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
			2	0	Refer To Test Graph		Pass
			3	0	Refer To Test Graph		Pass
			4	0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

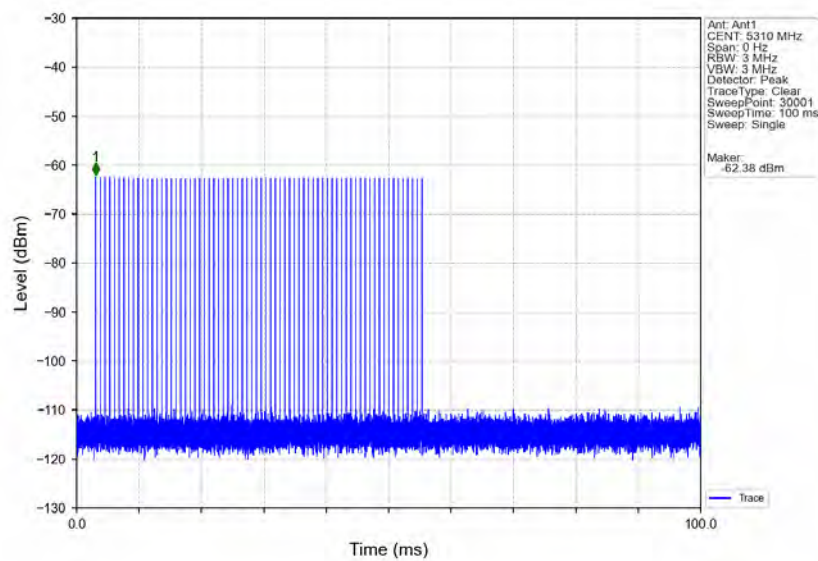
1.2 Test Graph

1.2.1 SC

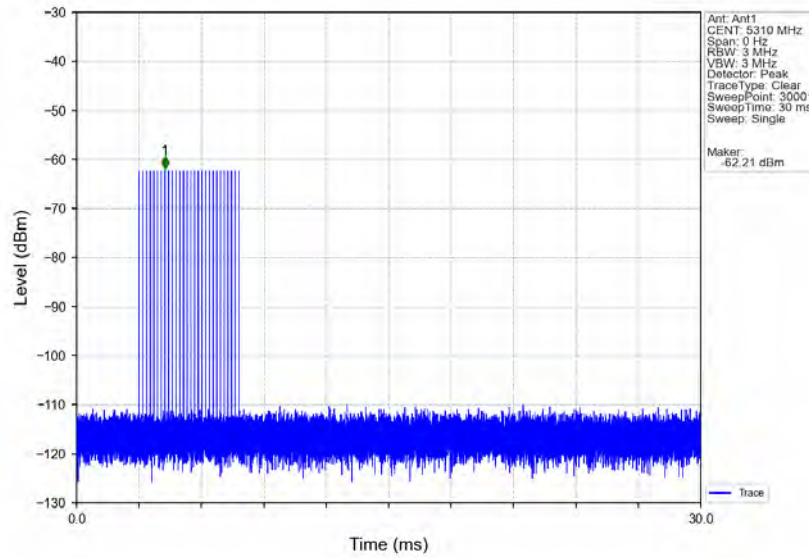
Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType0_Trial0



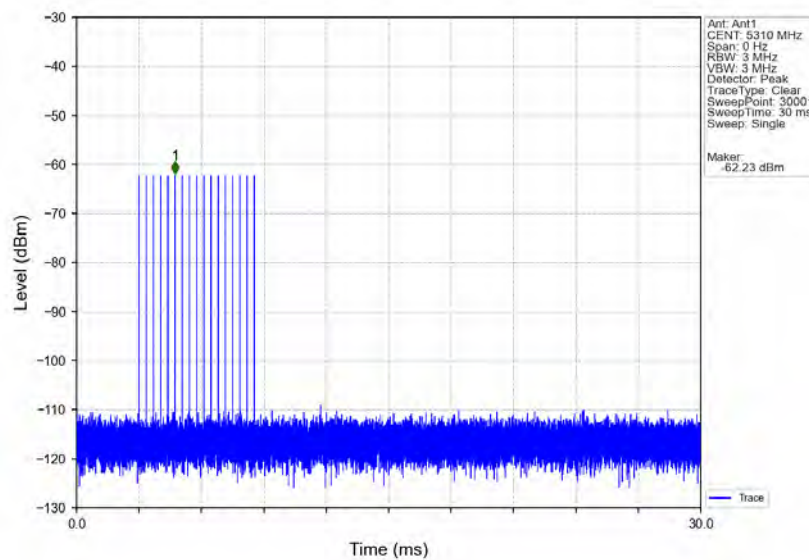
Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType1_Trial0



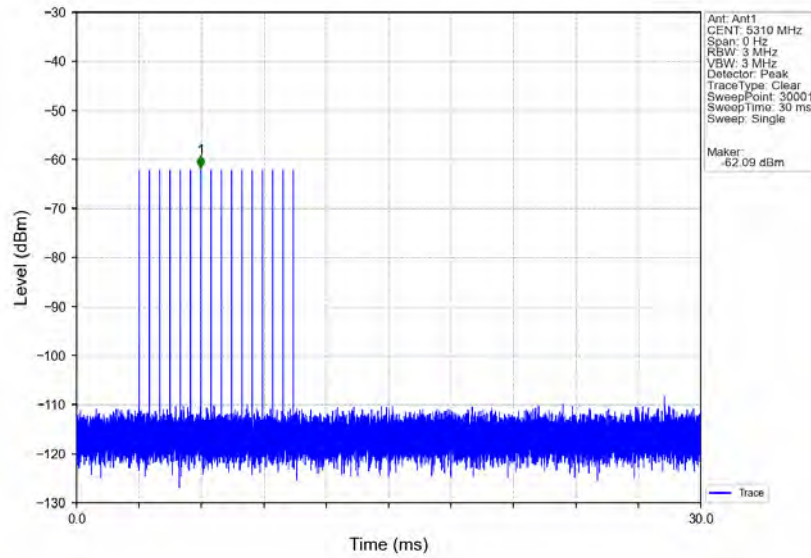
Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType2_Trial0



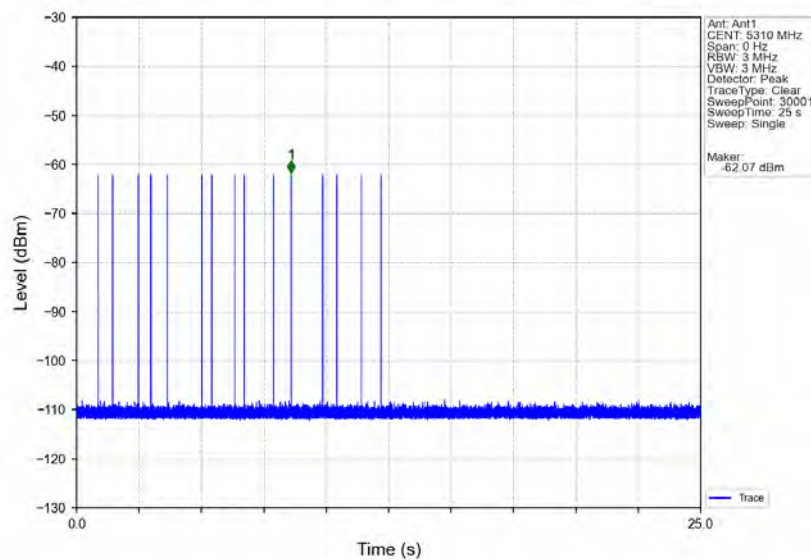
Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType3_Trial0



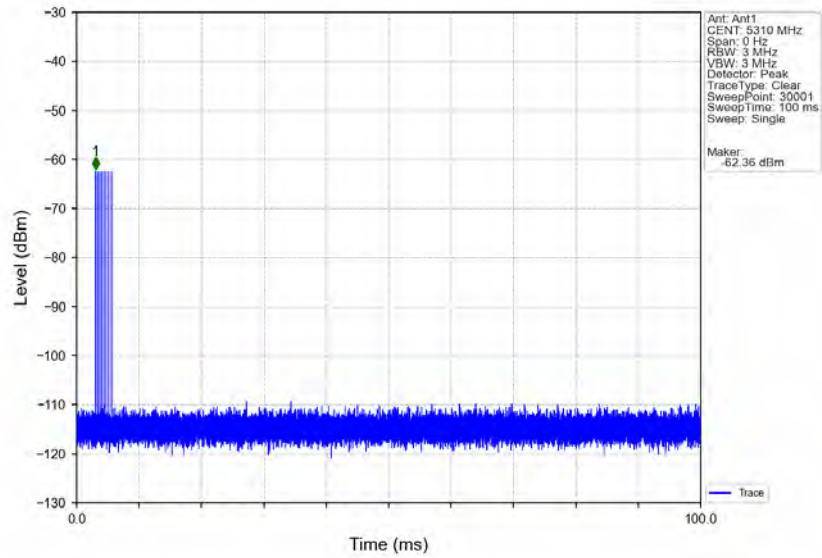
Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType4_Trial0



Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType5_Trial0

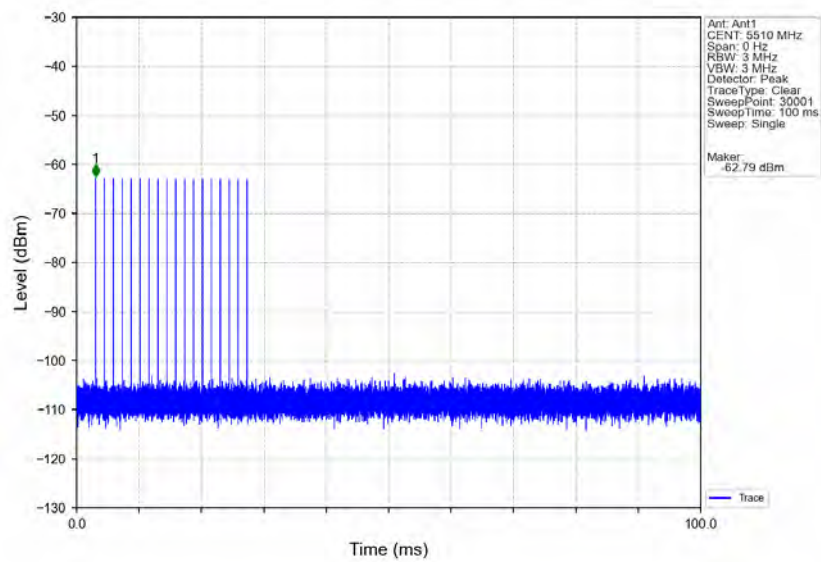


Signal Calibration_802.11ax(HEW40)_2A_5310MHz_RadarType6_Trial0

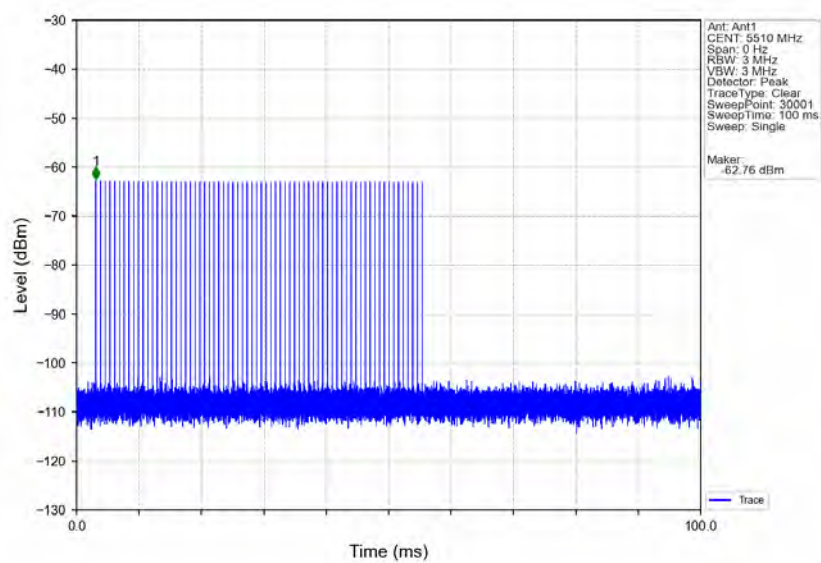


1.2.2 SC

Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType0_Trial0

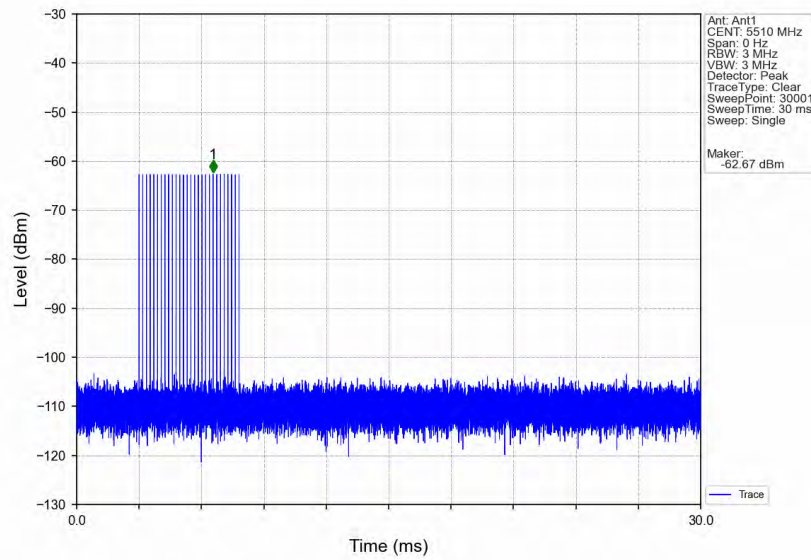


Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType1_Trial0

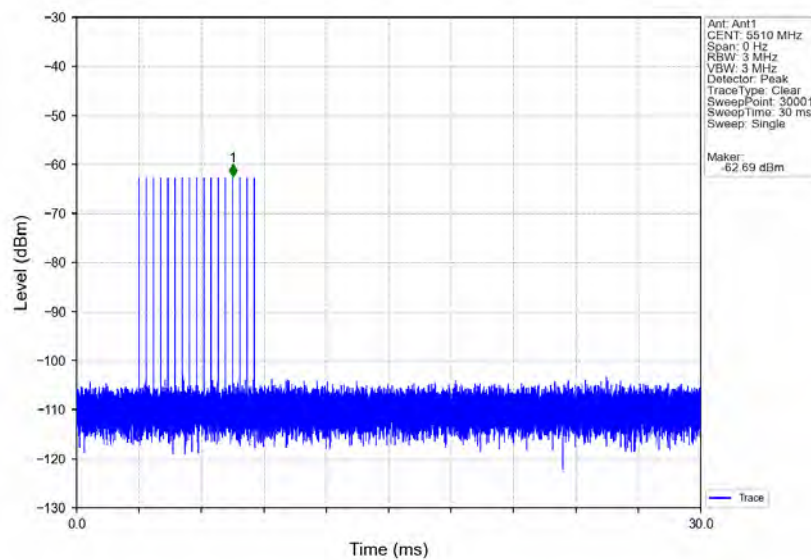




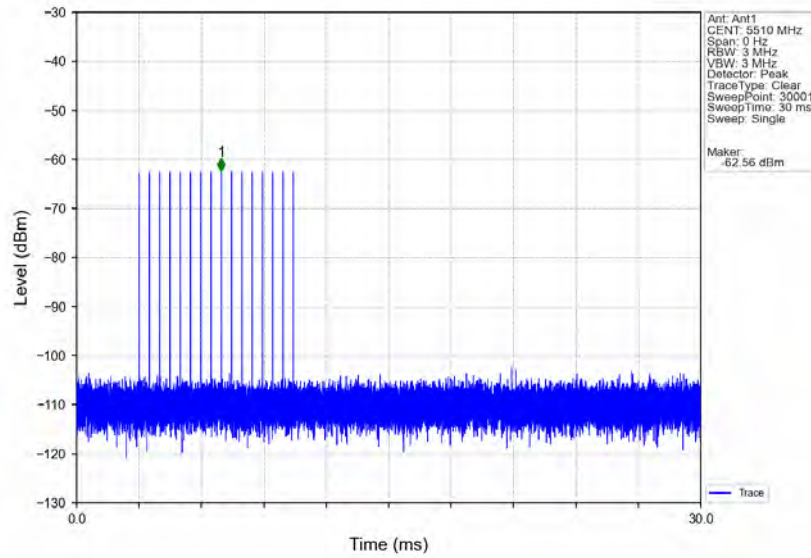
Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType2_Trial0



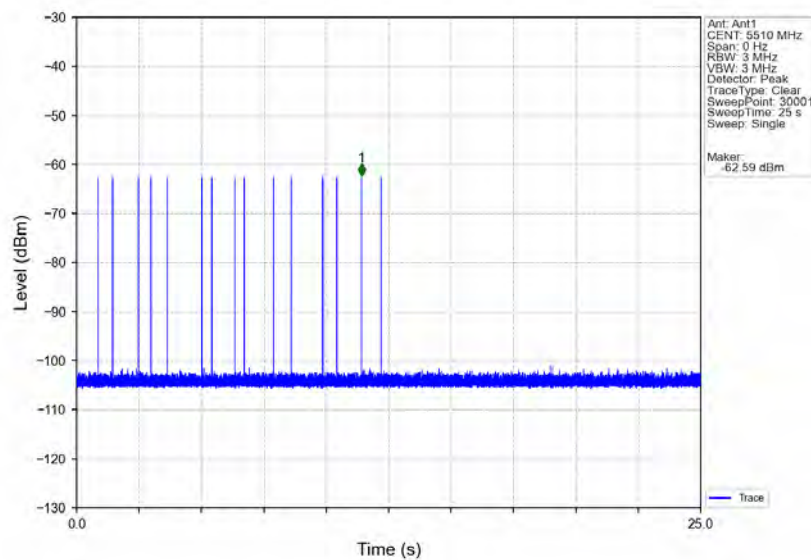
Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType3_Trial0



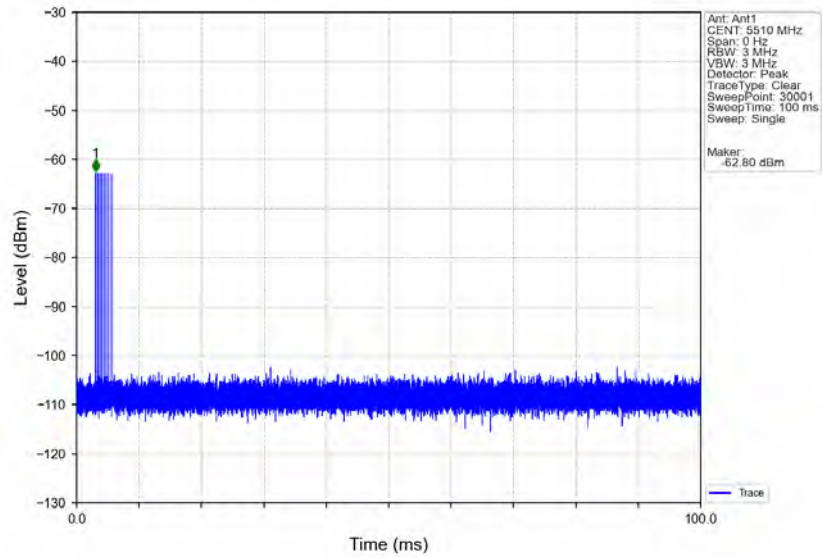
Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType4_Trial0



Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType5_Trial0



Signal Calibration_802.11ax(HEW40)_2C_5510MHz_RadarType6_Trial0





2. Channel Loading (Payload)

2.1 Test Result

2.1.1 Payload

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5310	30.25	≥ 17	Pass

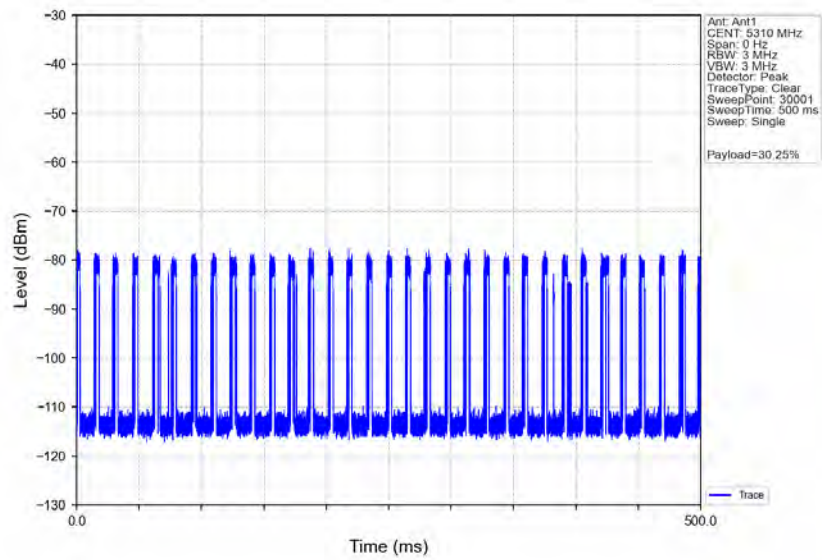
2.1.2 Payload

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Loading (Payload) (%)		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5510	33.49	≥ 17	Pass

2.2 Test Graph

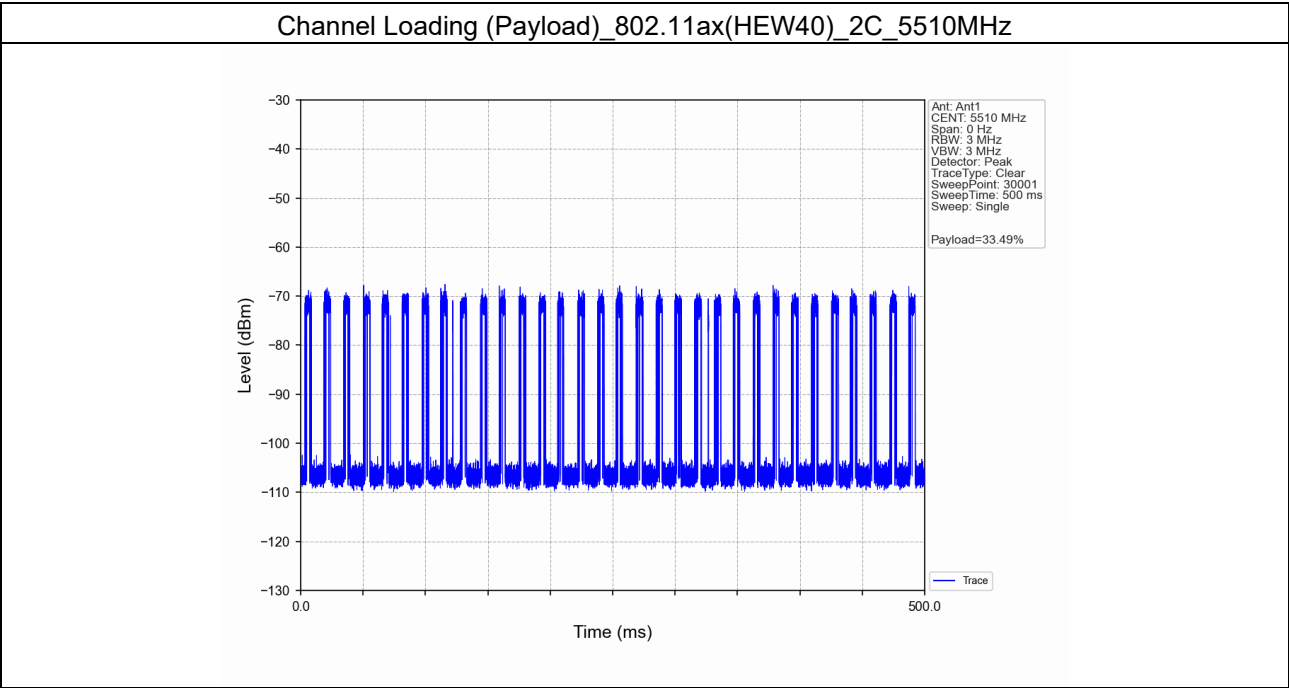
2.2.1 Payload

Channel Loading (Payload)_802.11ax(HEW40)_2A_5310MHz





2.2.2 Payload





3. Channel Move Time and Closing Transmission Time

3.1 Test Result

3.1.1 CMT_CTT

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5310	Refer To Test Graph		Pass

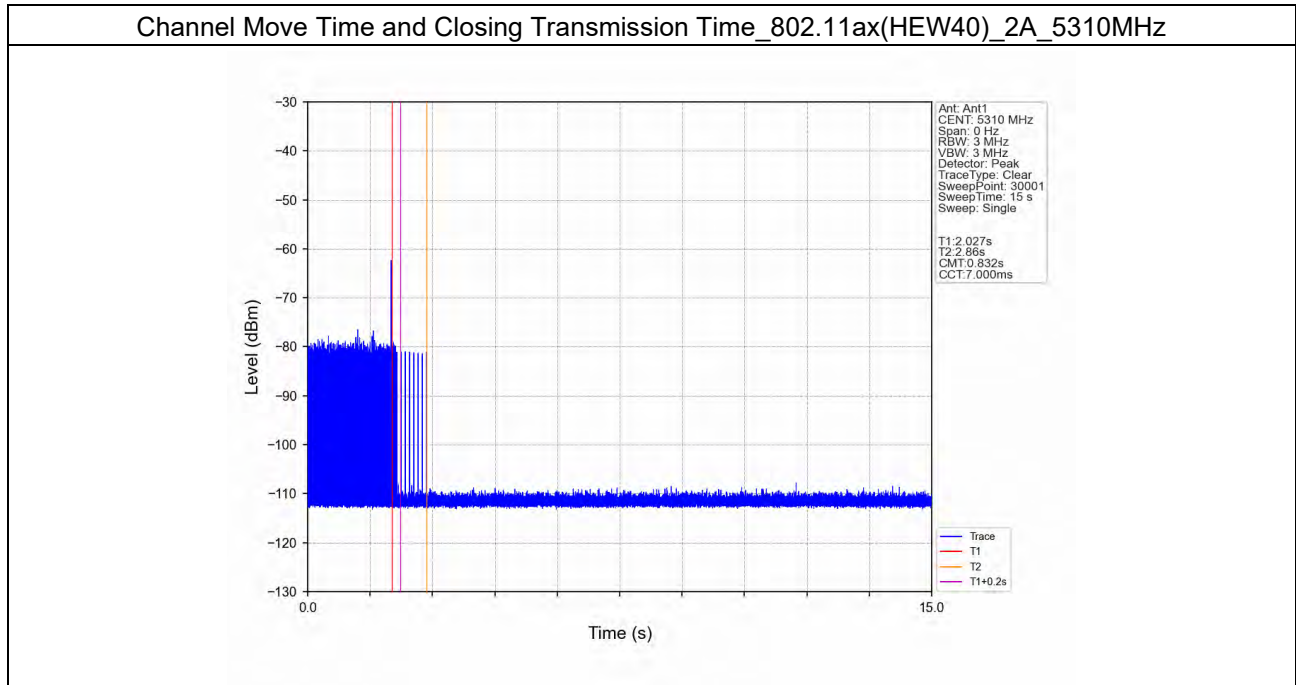
3.1.2 CMT_CTT

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Channel Move Time and Closing Transmission Time		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5510	Refer To Test Graph		Pass



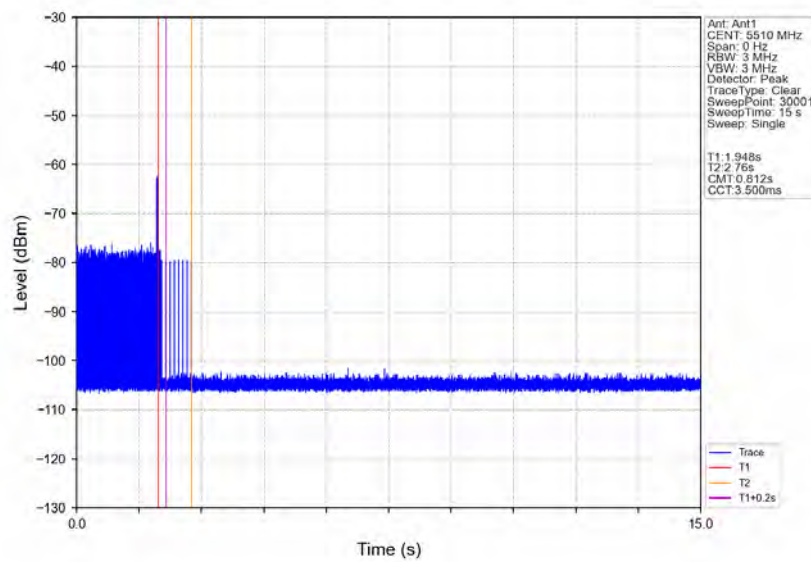
3.2 Test Graph

3.2.1 CMT_CTT



3.2.2 CMT_CTT

Channel Move Time and Closing Transmission Time_802.11ax(HEW40)_2C_5510MHz





4. Non-Occupancy Period

4.1 Test Result

4.1.1 Period

Band: 2A					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5310	Refer To Test Graph		Pass

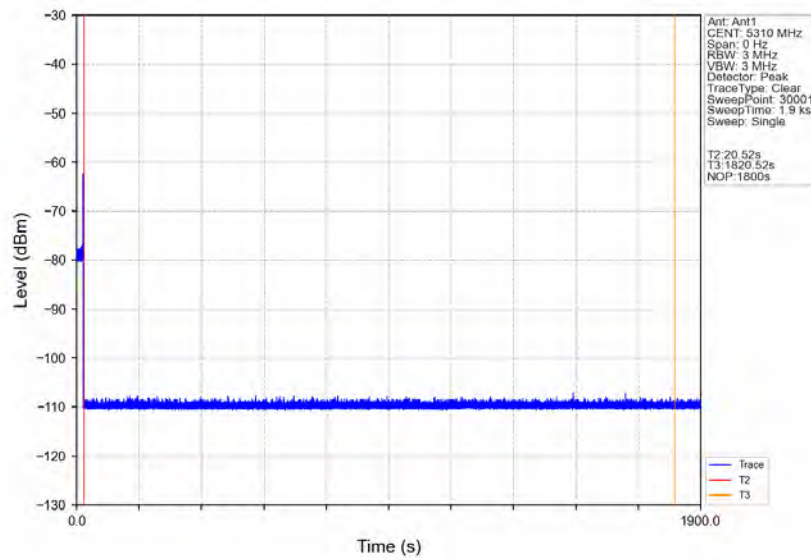
4.1.2 Period

Band: 2C					
Mode	Bandwidth (MHz)	Frequency (MHz)	Non-Occupancy Period		Verdict
			Result	Limit	
802.11ax (HEW40)	40	5510	Refer To Test Graph		Pass

4.2 Test Graph

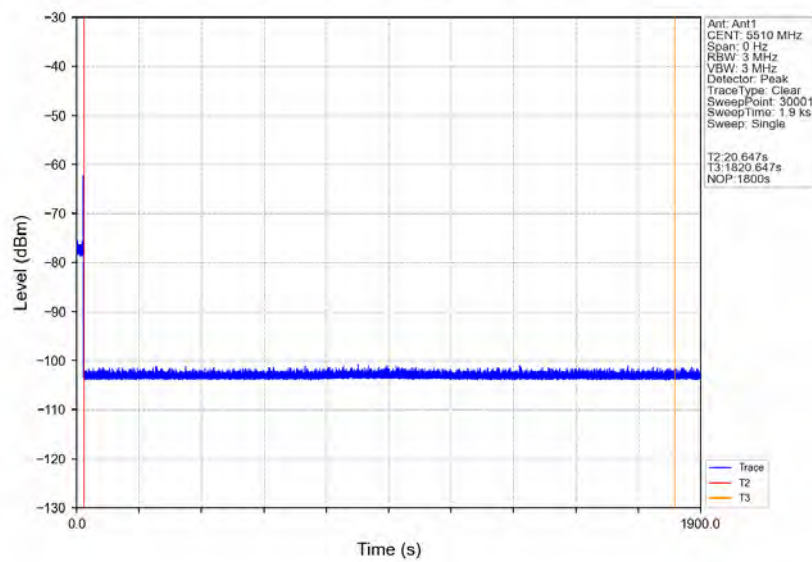
4.2.1 Period

Non-Occupancy Period_802.11ax(HEW40)_2A_5310MHz



4.2.2 Period

Non-Occupancy Period_802.11ax(HEW40)_2C_5510MHz



1. Duty Cycle

1.1 Test Result

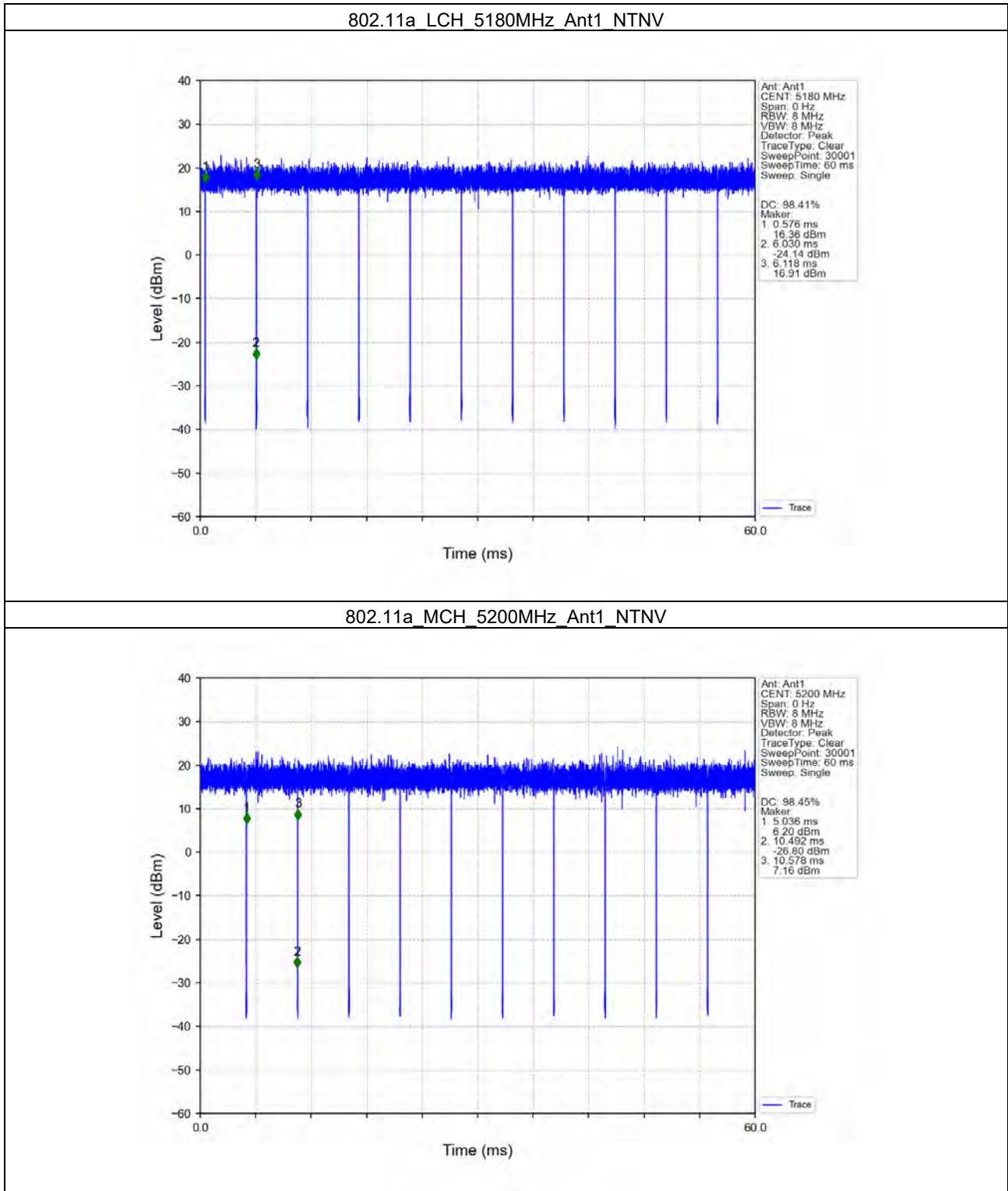
1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	5.454	5.542	98.41	0.07	0.00
		5200	/	/	5.456	5.542	98.45	0.07	0.00
		5240	/	/	5.455	5.543	98.41	0.07	0.03
		5260	/	/	5.456	5.542	98.45	0.07	0.00
		5300	/	/	5.456	5.542	98.45	0.07	0.00
		5320	/	/	5.454	5.542	98.41	0.07	0.00
		5500	/	/	5.454	5.542	98.41	0.07	0.00
		5580	/	/	5.455	5.542	98.43	0.07	0.03
		5700	/	/	5.454	5.542	98.41	0.07	0.03
		5745	/	/	5.454	5.542	98.41	0.07	0.04
		5785	/	/	5.456	5.542	98.45	0.07	0.00
		5825	/	/	5.454	5.542	98.41	0.07	0.00
802.11ac (VHT20)	SISO	5180	/	/	5.350	5.438	98.38	0.07	0.03
		5200	/	/	5.350	5.438	98.38	0.07	0.03
		5240	/	/	5.350	5.438	98.38	0.07	0.03
		5260	/	/	5.352	5.438	98.42	0.07	0.00
		5300	/	/	5.352	5.438	98.42	0.07	0.00
		5320	/	/	5.350	5.438	98.38	0.07	0.03
		5500	/	/	5.350	5.438	98.38	0.07	0.00
		5580	/	/	5.352	5.438	98.42	0.07	0.00
		5700	/	/	5.352	5.438	98.42	0.07	0.00
		5745	/	/	5.350	5.438	98.38	0.07	0.03
		5785	/	/	5.352	5.438	98.42	0.07	0.00
		5825	/	/	5.350	5.438	98.38	0.07	0.03
802.11ac (VHT40)	SISO	5190	/	/	5.146	5.234	98.32	0.07	0.04
		5230	/	/	5.146	5.234	98.32	0.07	0.04
		5270	/	/	5.146	5.234	98.32	0.07	0.04
		5310	/	/	5.146	5.234	98.32	0.07	0.04
		5510	/	/	5.147	5.234	98.34	0.07	0.04
		5550	/	/	5.146	5.234	98.32	0.07	0.04
		5670	/	/	5.146	5.234	98.32	0.07	0.04
		5755	/	/	5.146	5.234	98.32	0.07	0.04
		5795	/	/	5.147	5.320	96.75	0.14	1.62
802.11ax (HEW20)	SISO	5180	SU	/	4.627	4.715	98.13	0.08	0.00
		5200	SU	/	4.625	4.715	98.09	0.08	0.04
		5240	SU	/	4.626	4.717	98.07	0.08	0.07
		5260	SU	/	4.625	4.715	98.09	0.08	0.04
		5300	SU	/	4.625	4.715	98.09	0.08	0.00

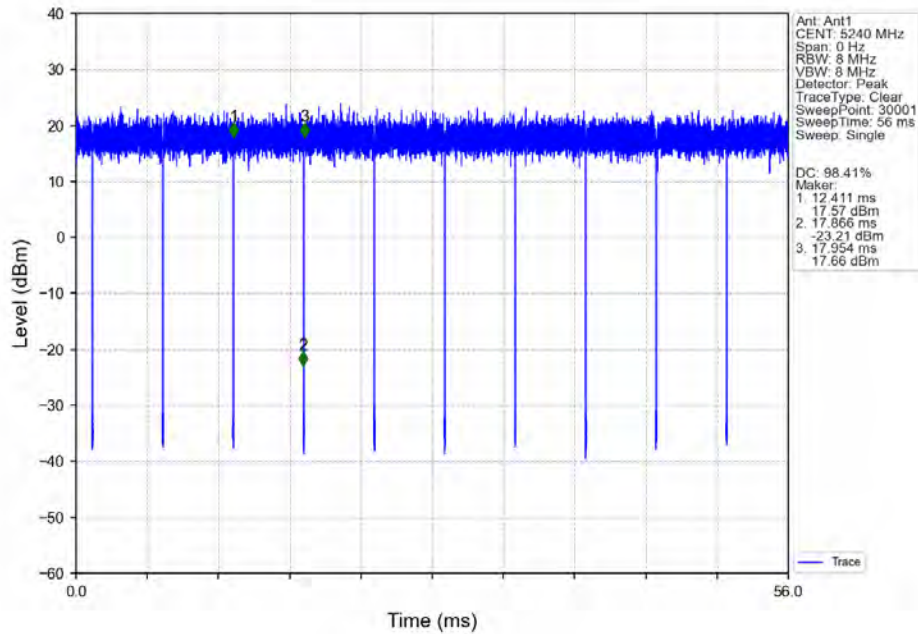
		5320	SU	/	4.624	4.714	98.09	0.08	0.00
		5500	SU	/	4.625	4.715	98.09	0.08	0.00
		5580	SU	/	4.625	4.715	98.09	0.08	0.00
		5700	SU	/	4.624	4.713	98.11	0.08	0.00
		5745	SU	/	4.625	4.715	98.09	0.08	0.00
		5785	SU	/	4.625	4.838	95.60	0.20	2.54
		5825	SU	/	4.625	4.715	98.09	0.08	0.00
802.11ax (HEW40)	SISO	5190	SU	/	4.620	4.710	98.09	0.08	0.04
		5230	SU	/	4.621	4.711	98.09	0.08	0.00
		5270	SU	/	4.620	4.710	98.09	0.08	0.04
		5310	SU	/	4.622	4.768	96.94	0.14	1.20
		5510	SU	/	4.620	4.710	98.09	0.08	0.04
		5550	SU	/	4.620	4.710	98.09	0.08	0.04
		5670	SU	/	4.620	4.710	98.09	0.08	0.04
		5755	SU	/	4.621	4.773	96.82	0.14	1.30
		5795	SU	/	4.621	4.746	97.37	0.12	0.73

1.2 Test Graph

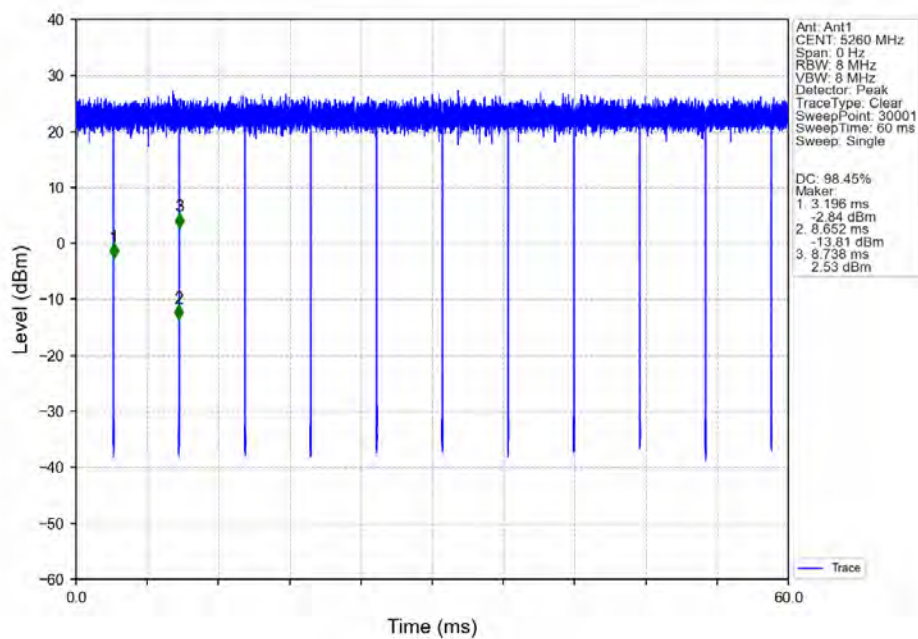
1.2.1 Ant1



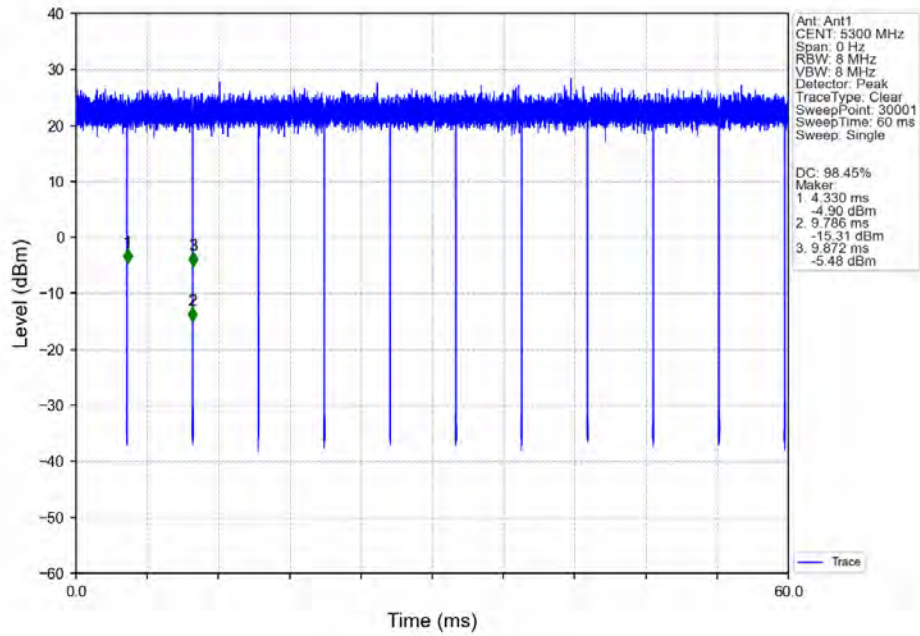
802.11a_HCH_5240MHz_Ant1_NTNV



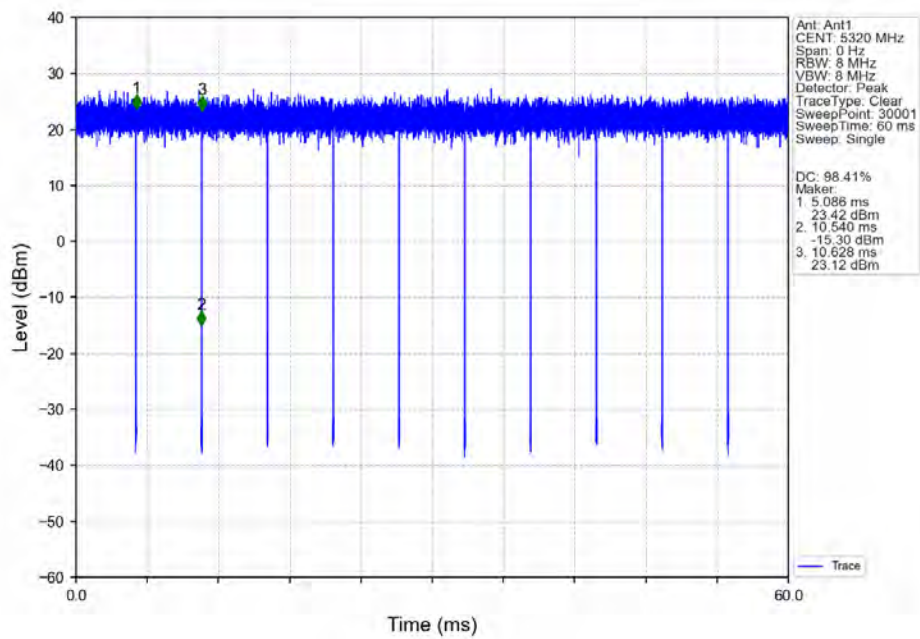
802.11a_LCH_5260MHz_Ant1_NTNV



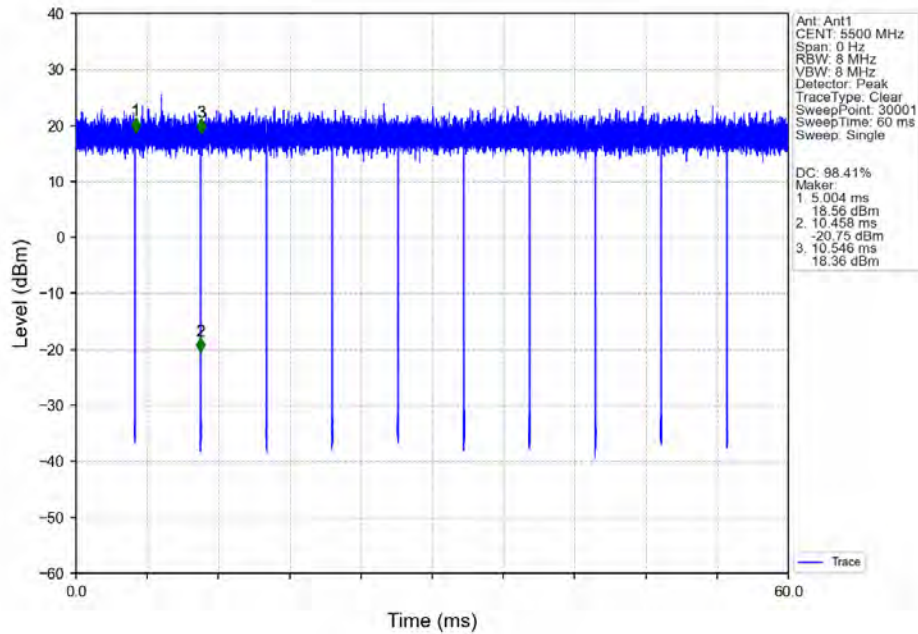
802.11a_MCH_5300MHz_Ant1_NTNV



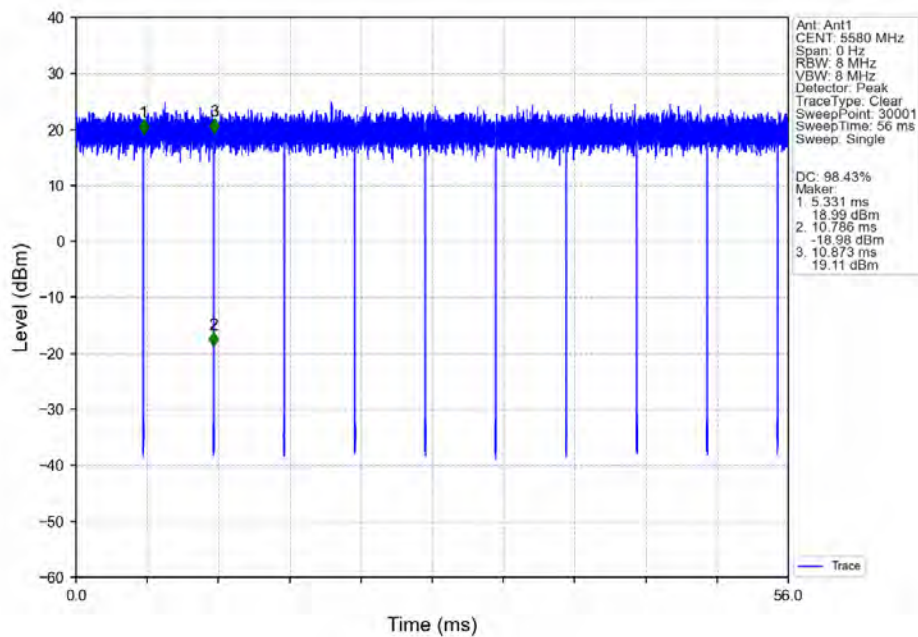
802.11a_HCH_5320MHz_Ant1_NTNV



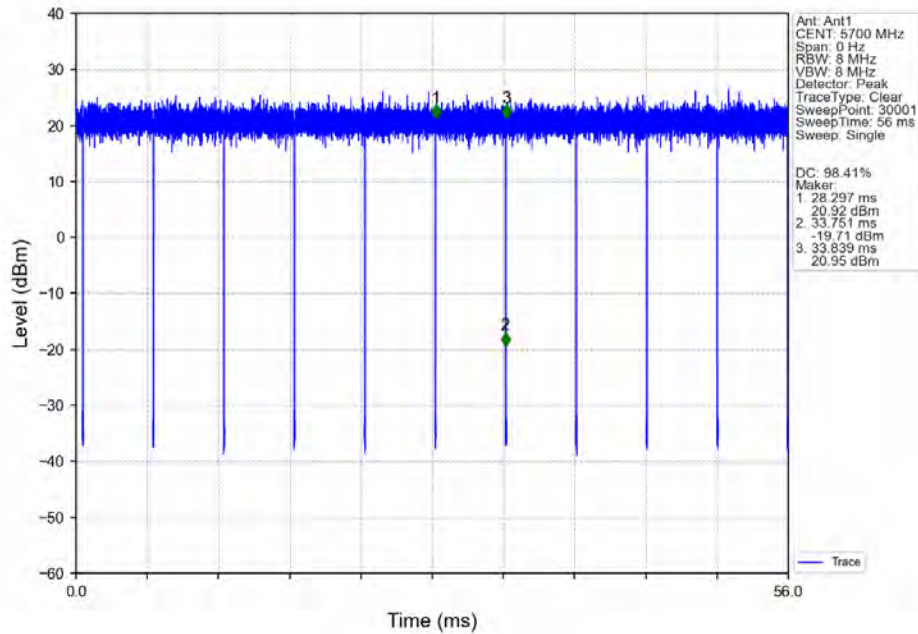
802.11a_LCH_5500MHz_Ant1_NTNV



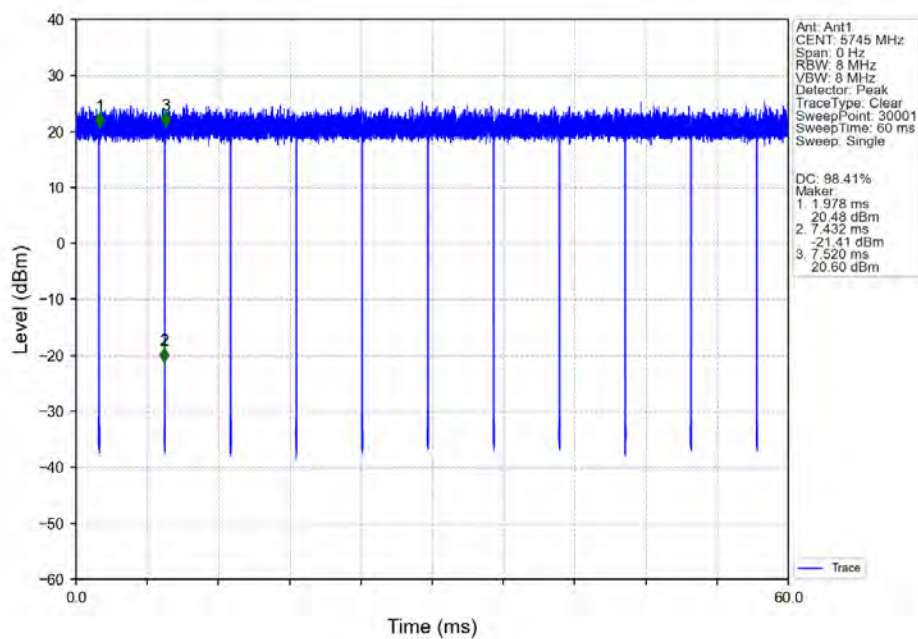
802.11a_MCH_5580MHz_Ant1_NTNV



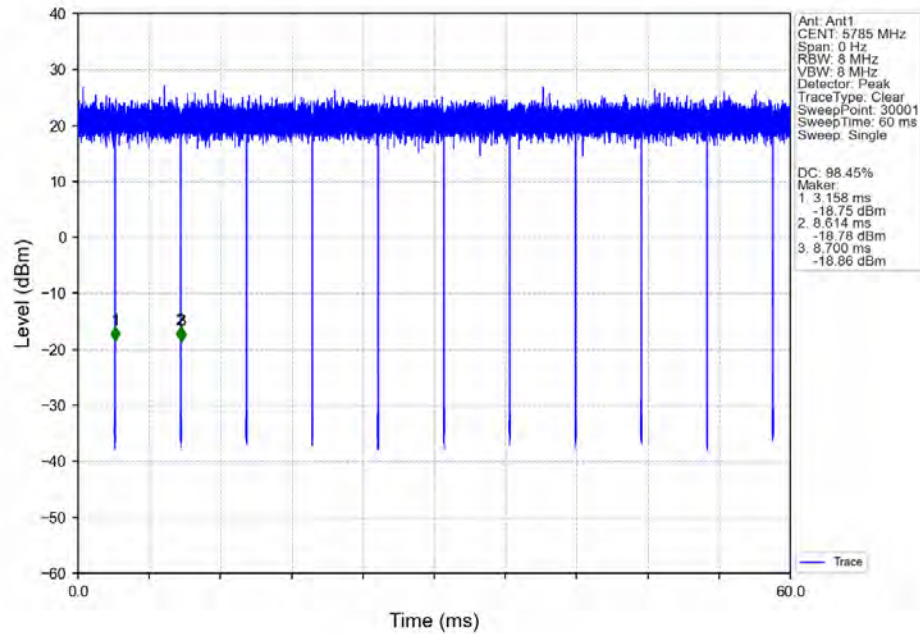
802.11a_HCH_5700MHz_Ant1_NTNV



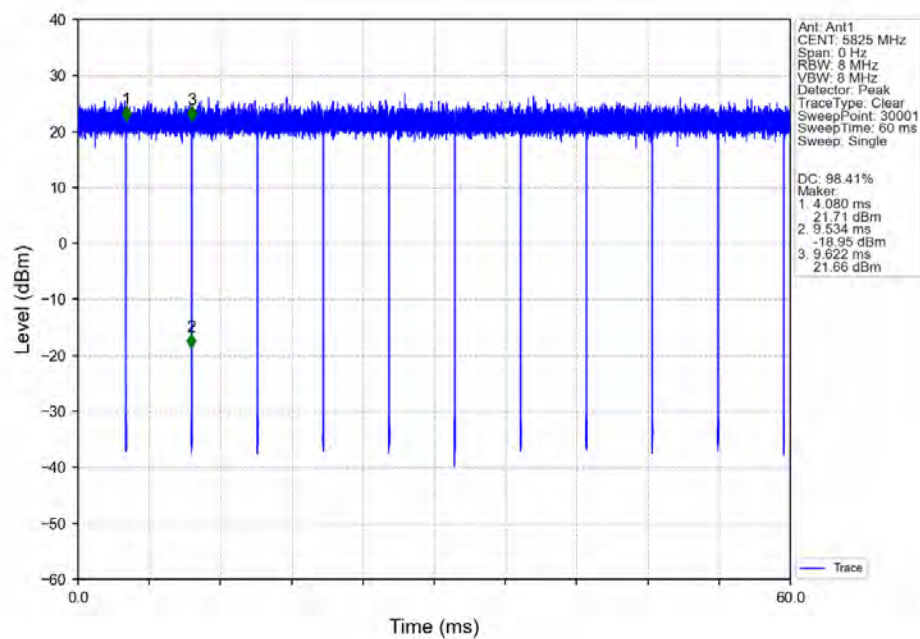
802.11a_LCH_5745MHz_Ant1_NTNV



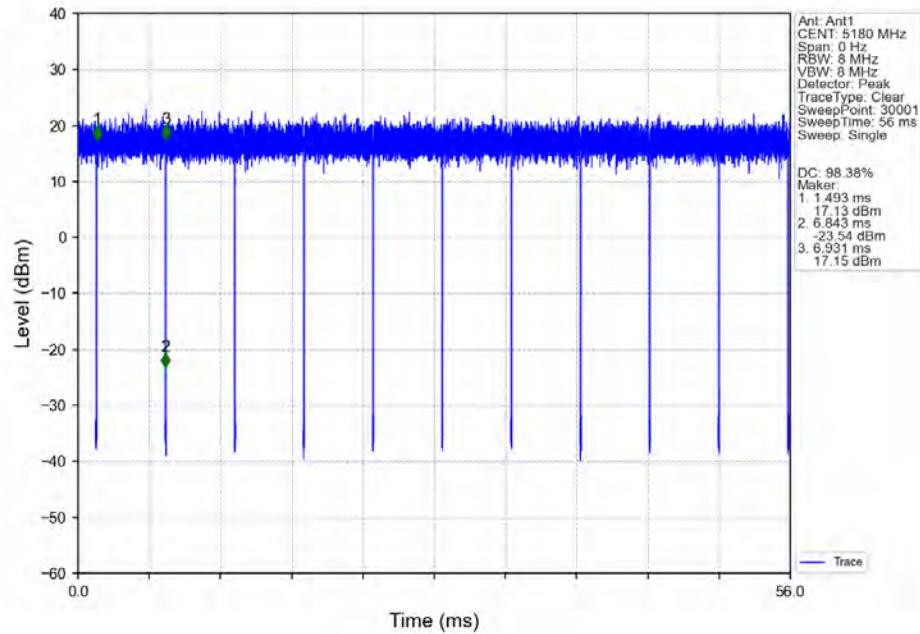
802.11a_MCH_5785MHz_Ant1_NTNV



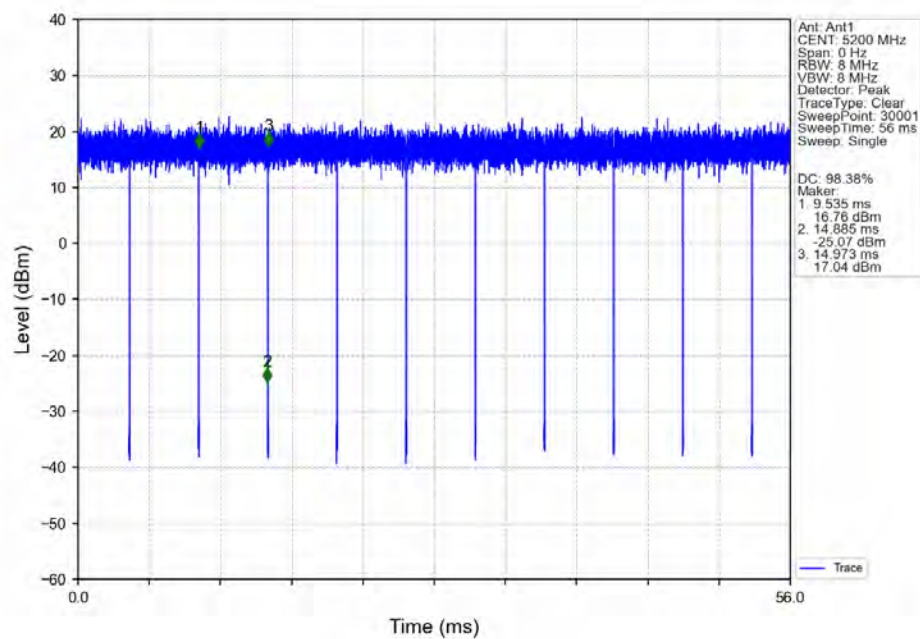
802.11a_HCH_5825MHz_Ant1_NTNV



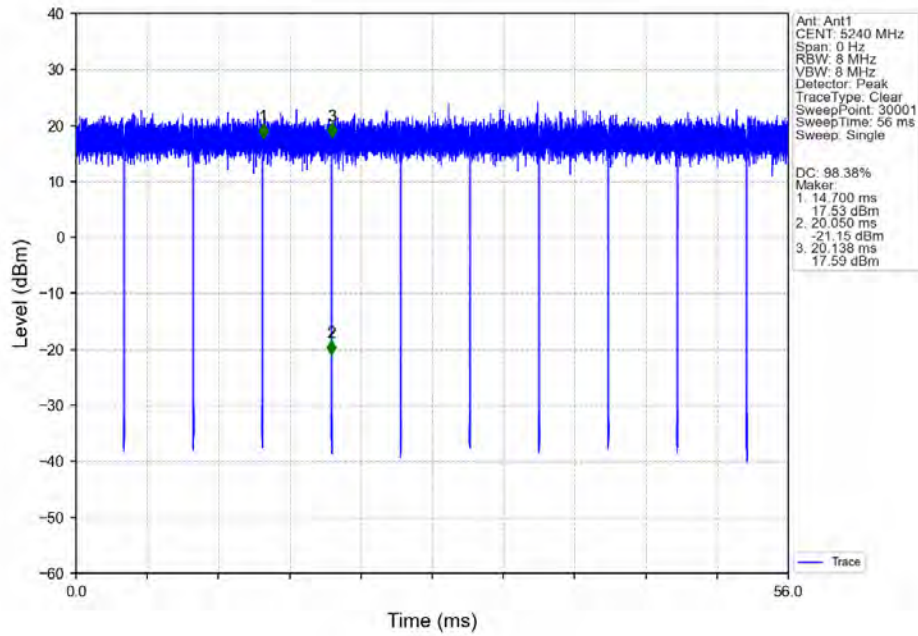
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



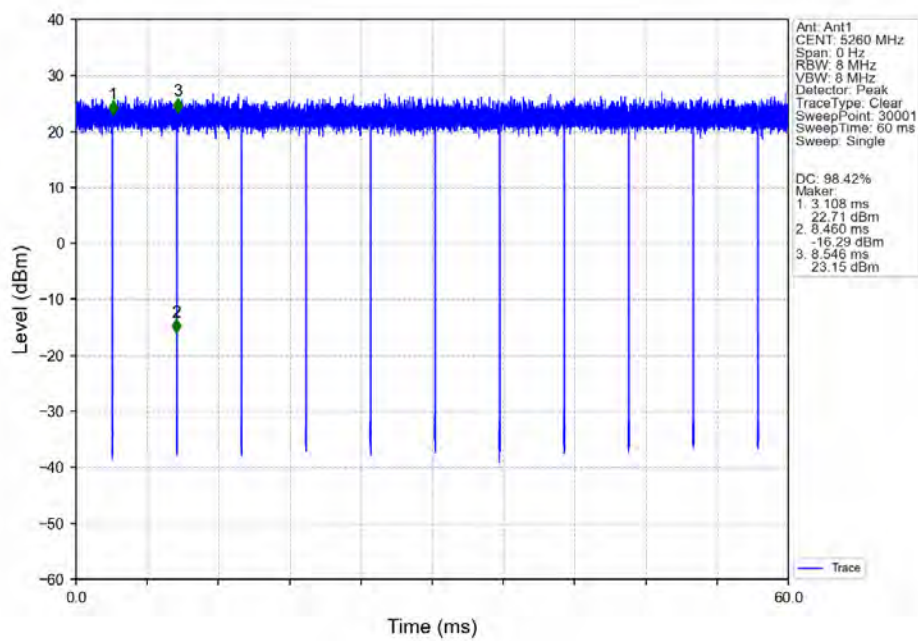
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



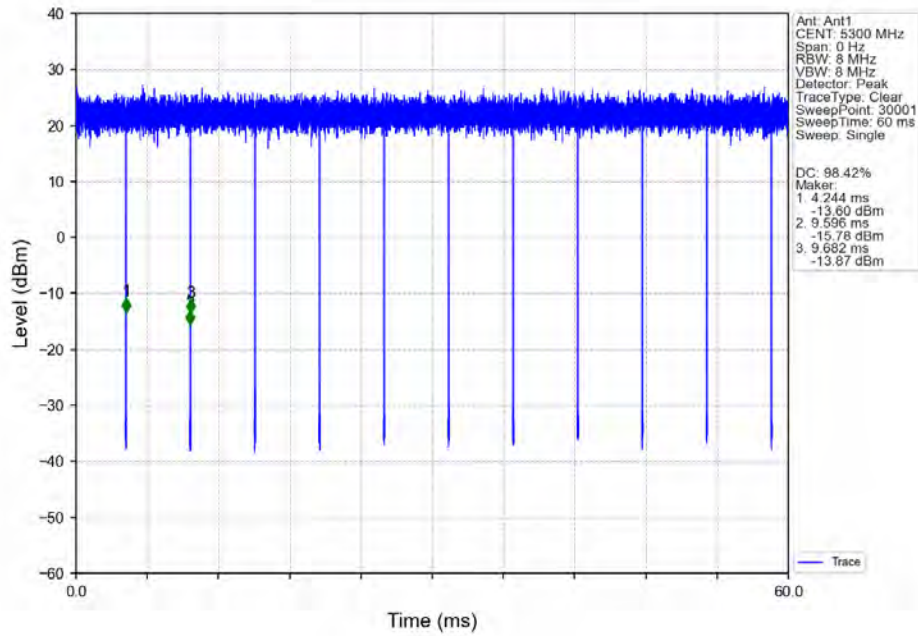
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



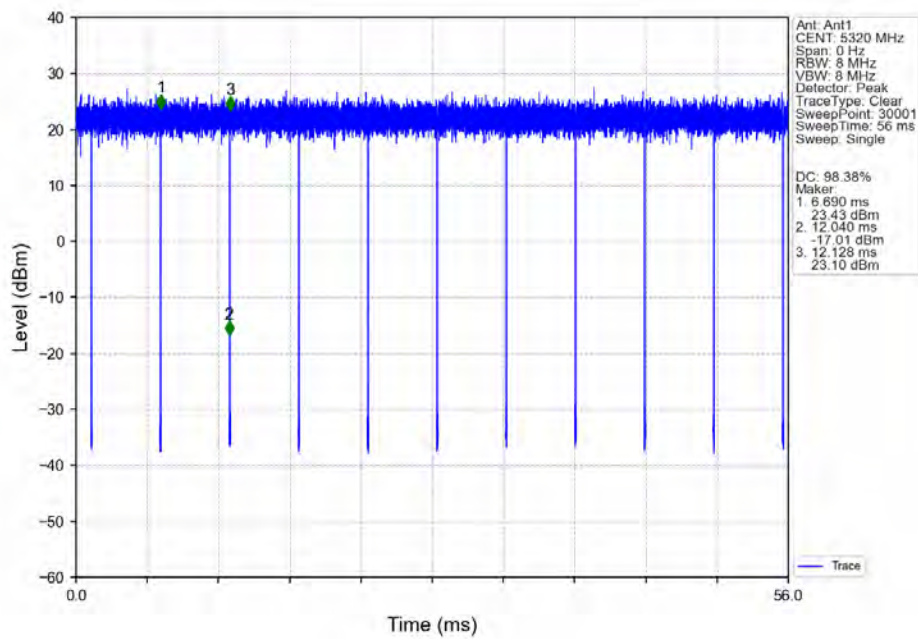
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



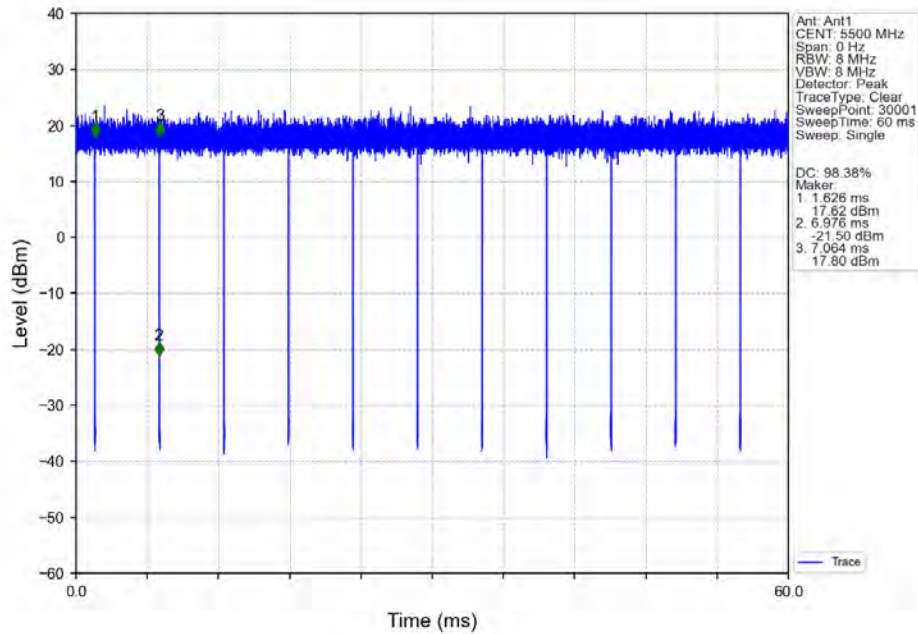
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



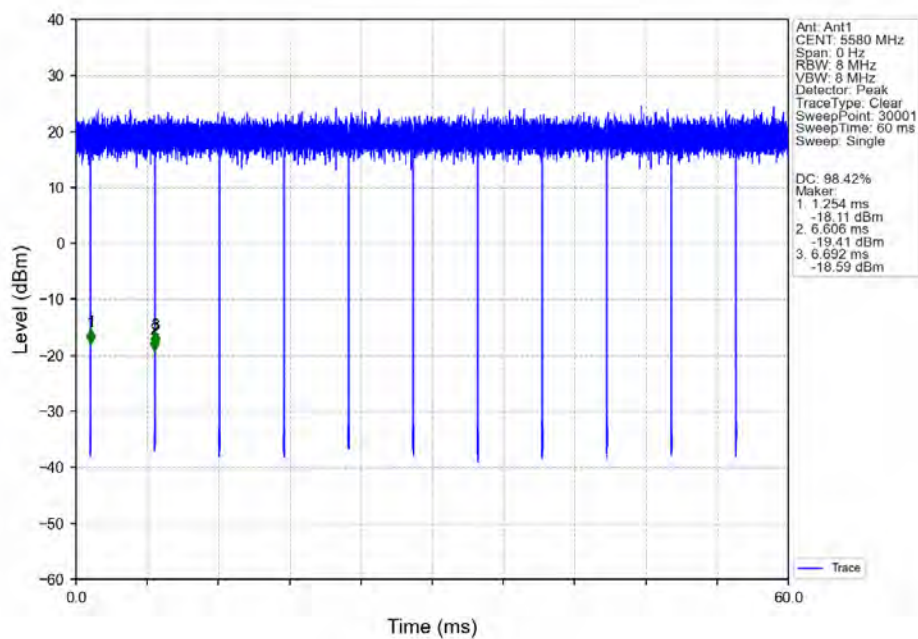
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



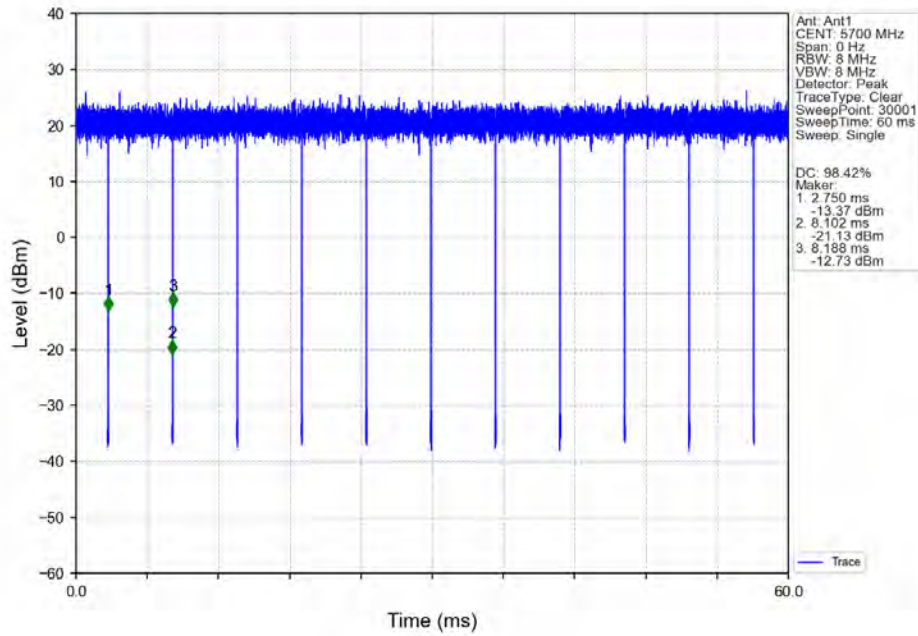
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



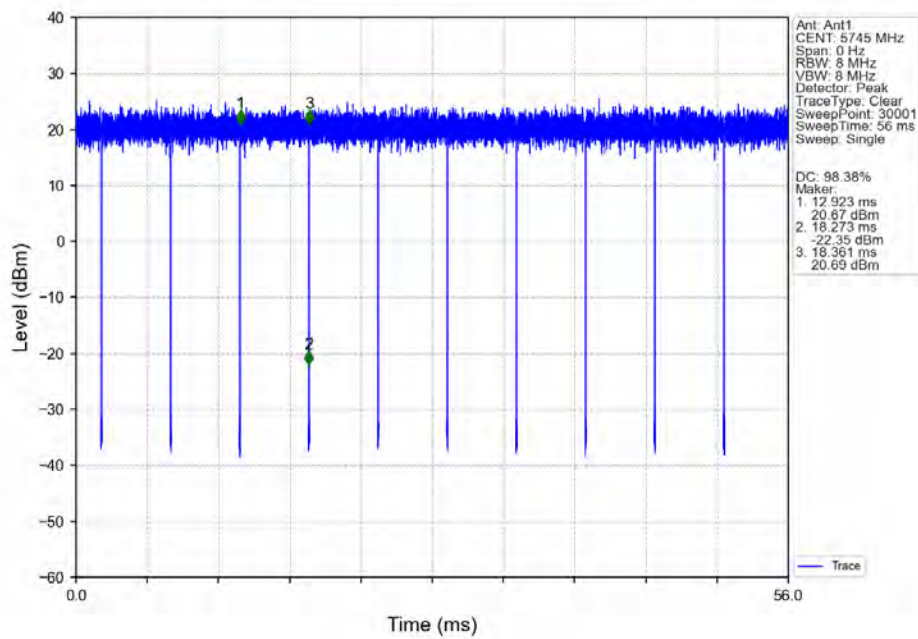
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



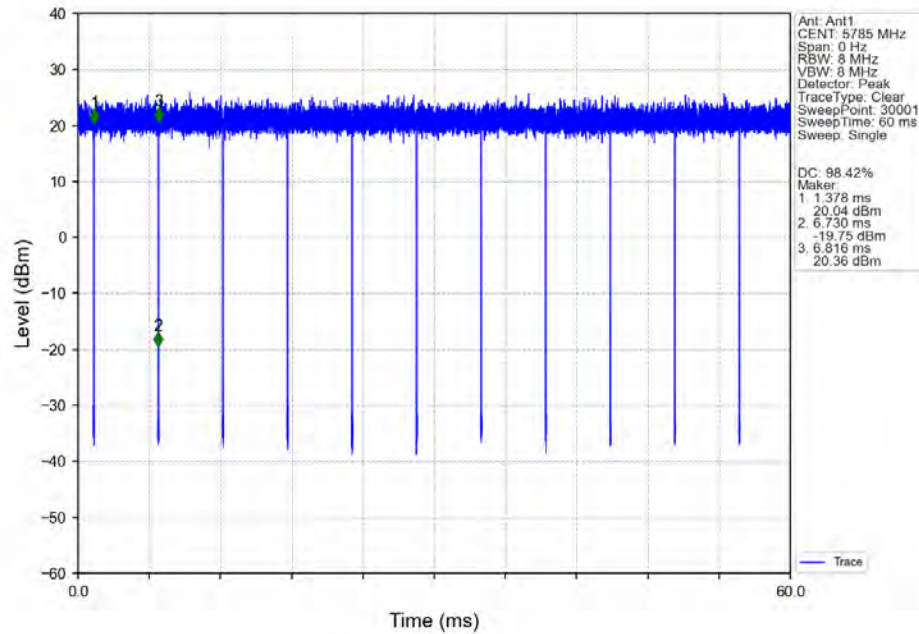
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



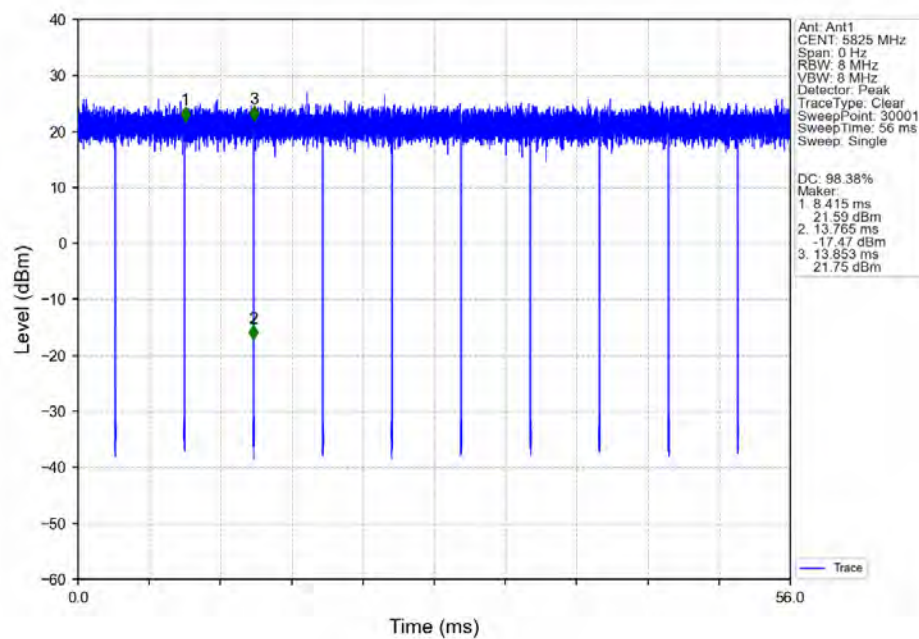
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



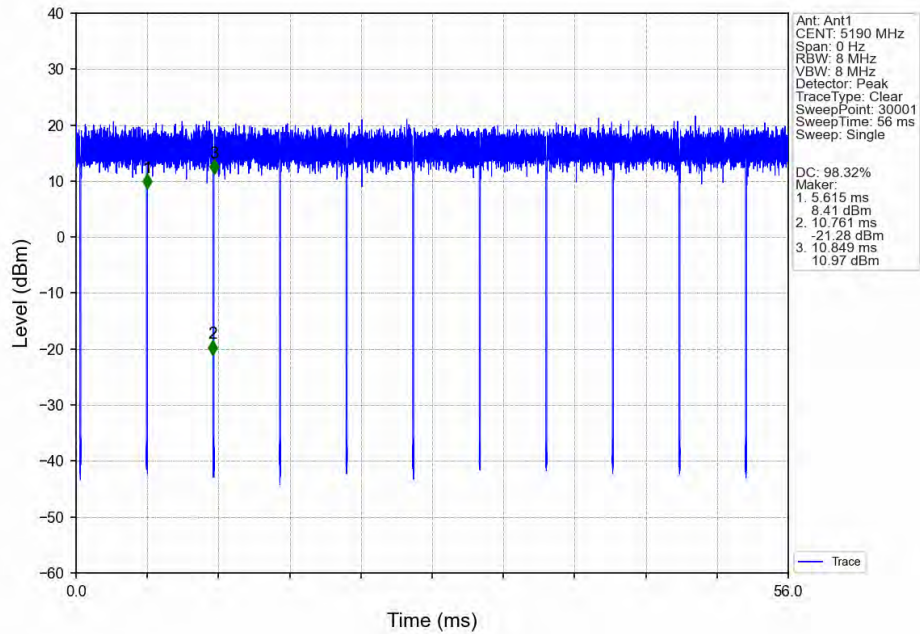
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



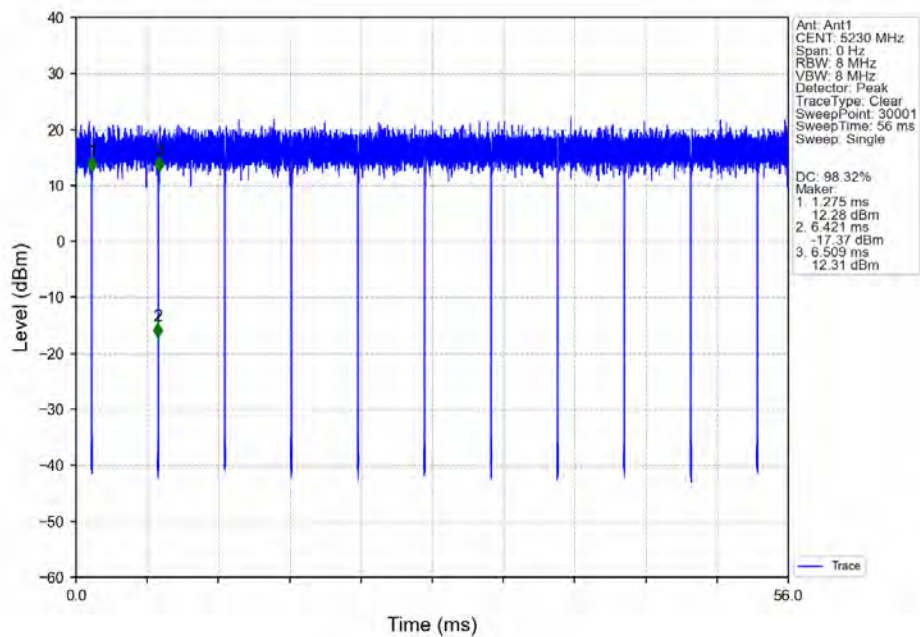
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



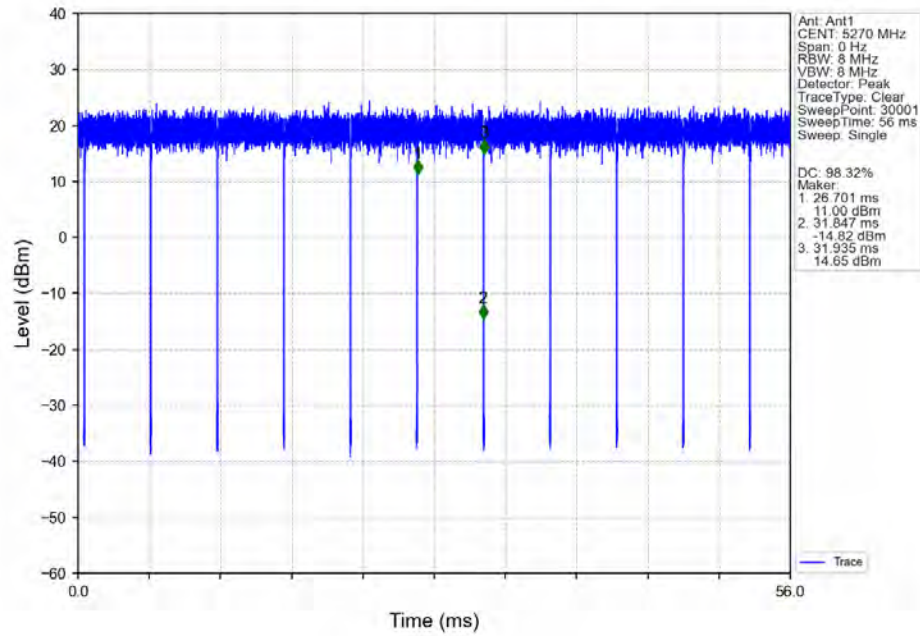
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



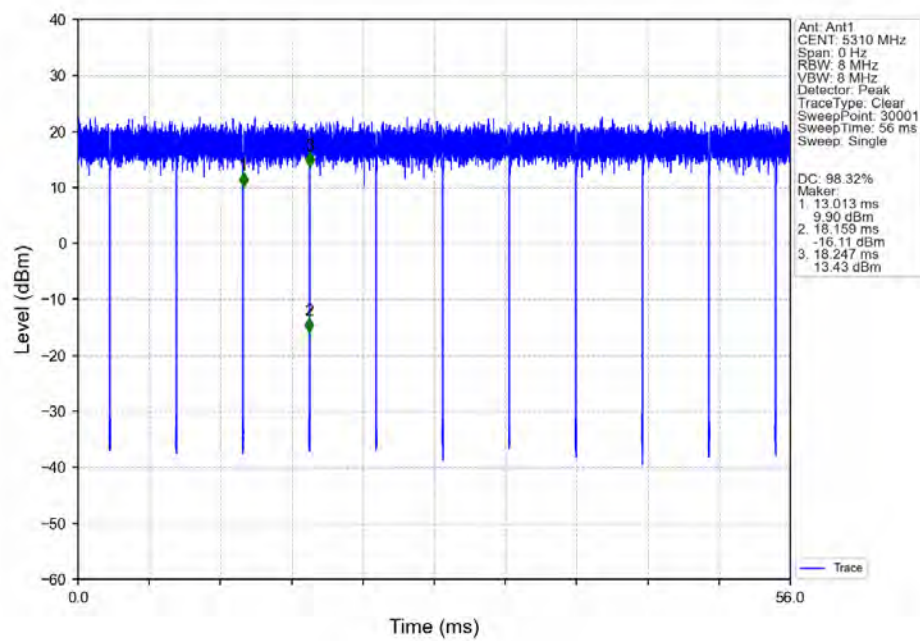
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



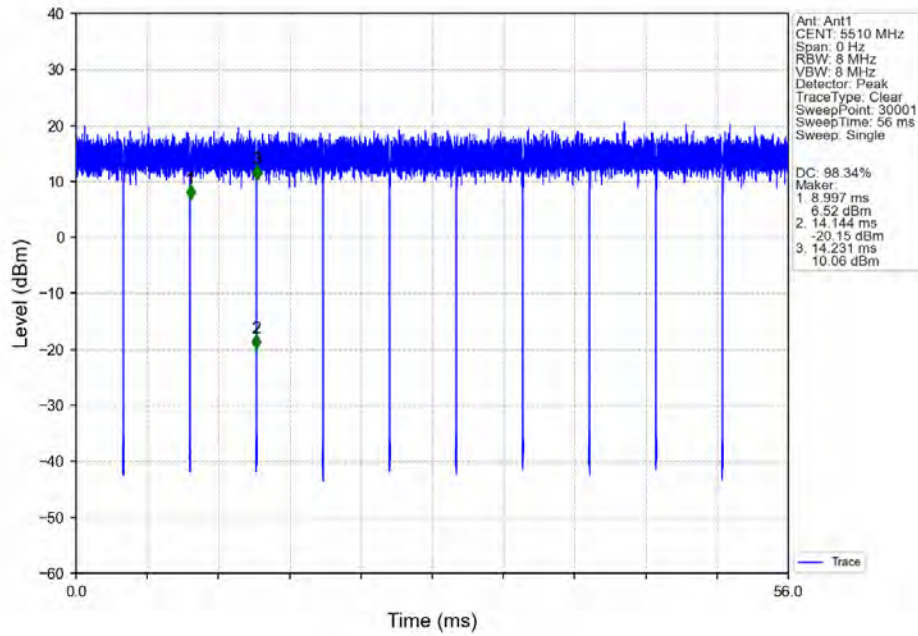
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



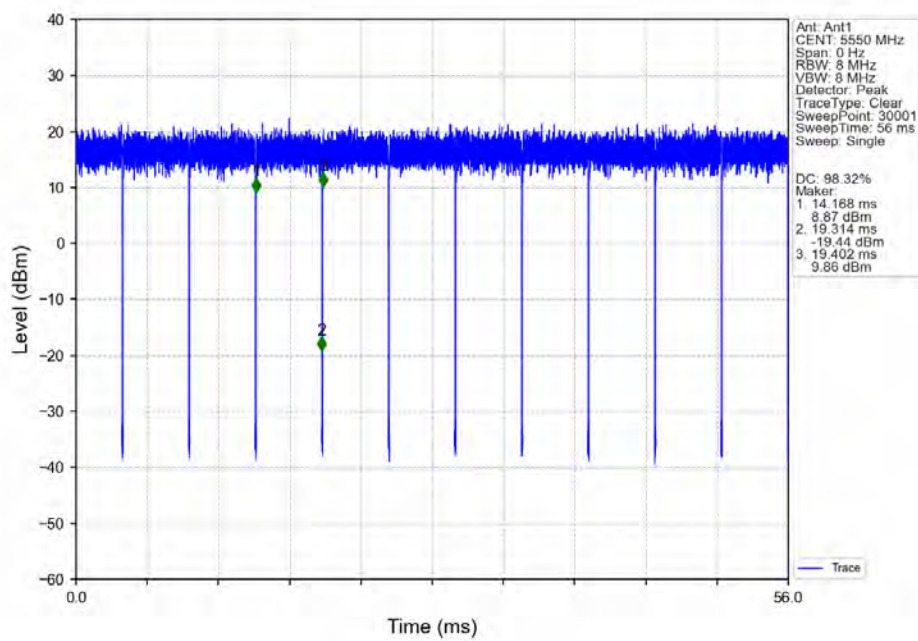
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



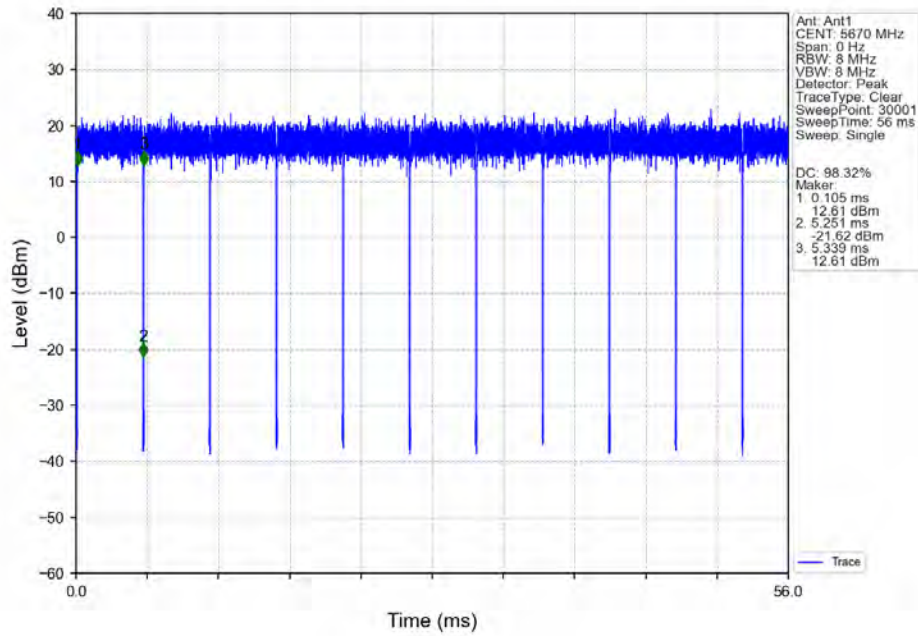
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



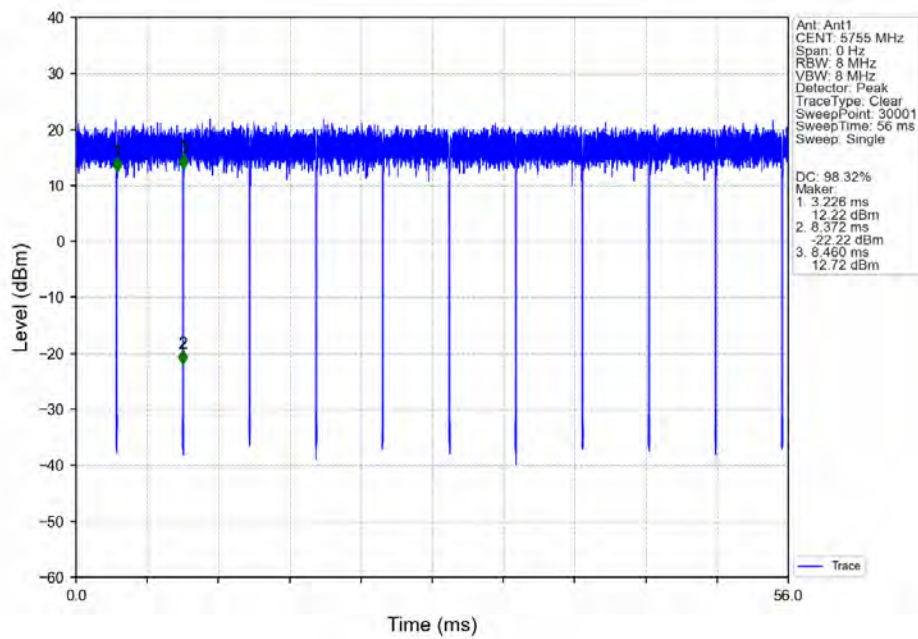
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



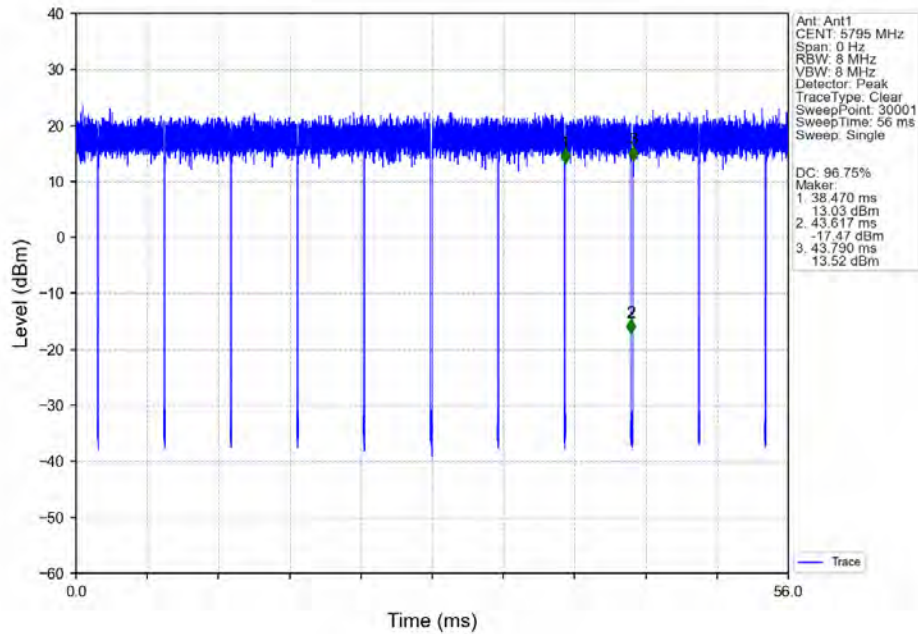
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



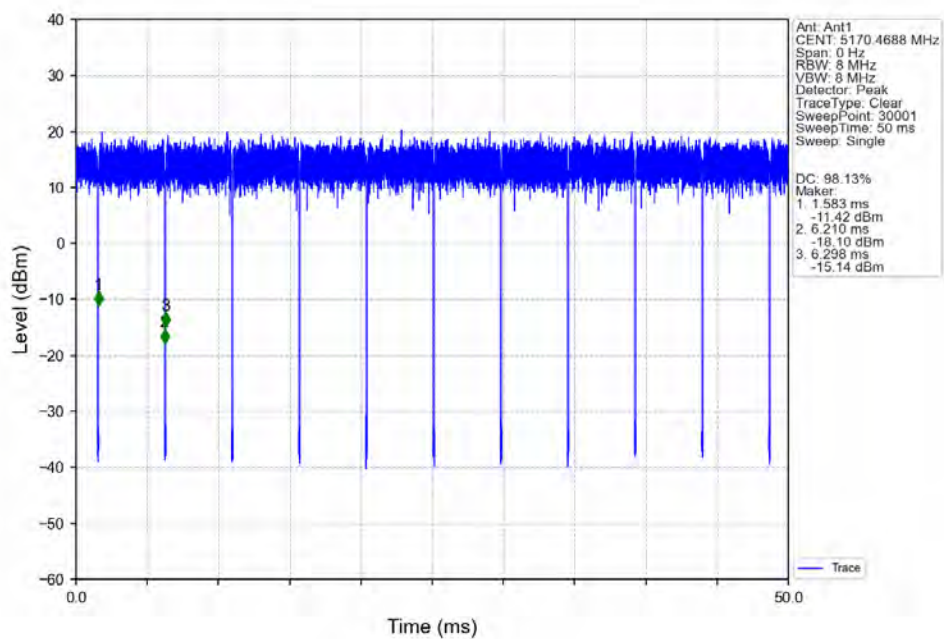
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



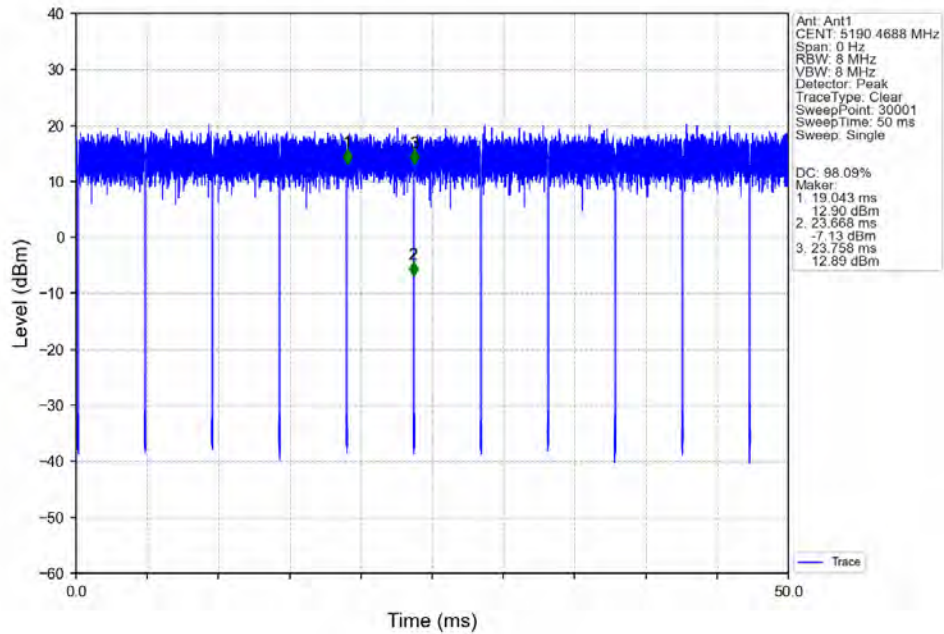
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



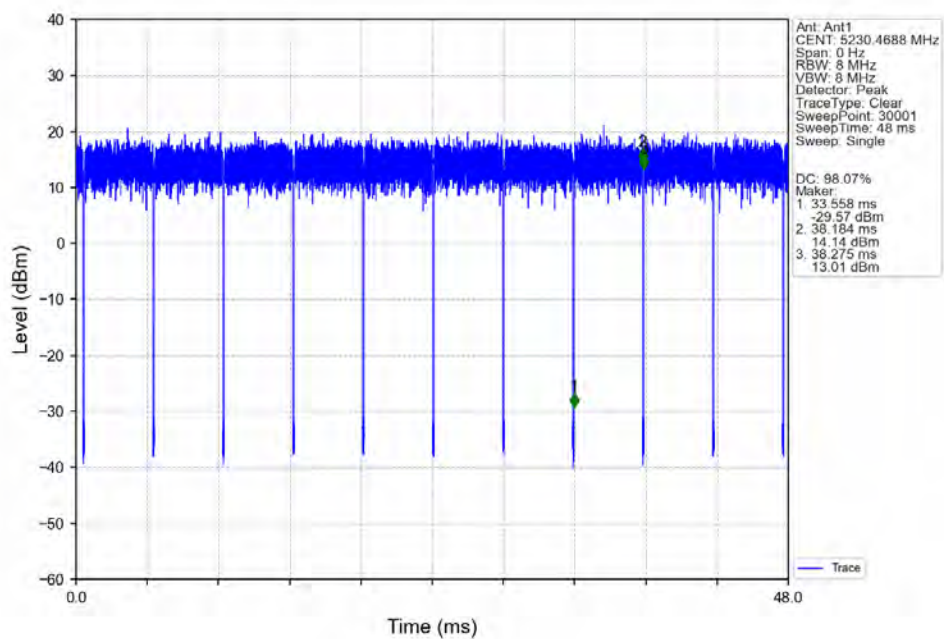
802.11ax(HEW20)_LCH_5180MHz_SU_ / Ant1_NTNV



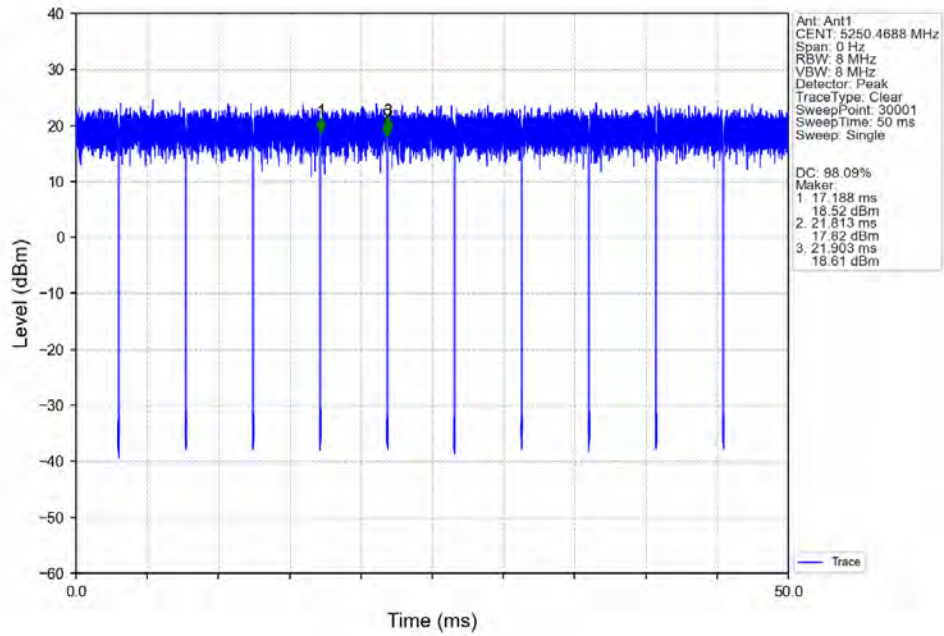
802.11ax(HEW20) MCH_5200MHz_SU / Ant1 NTN



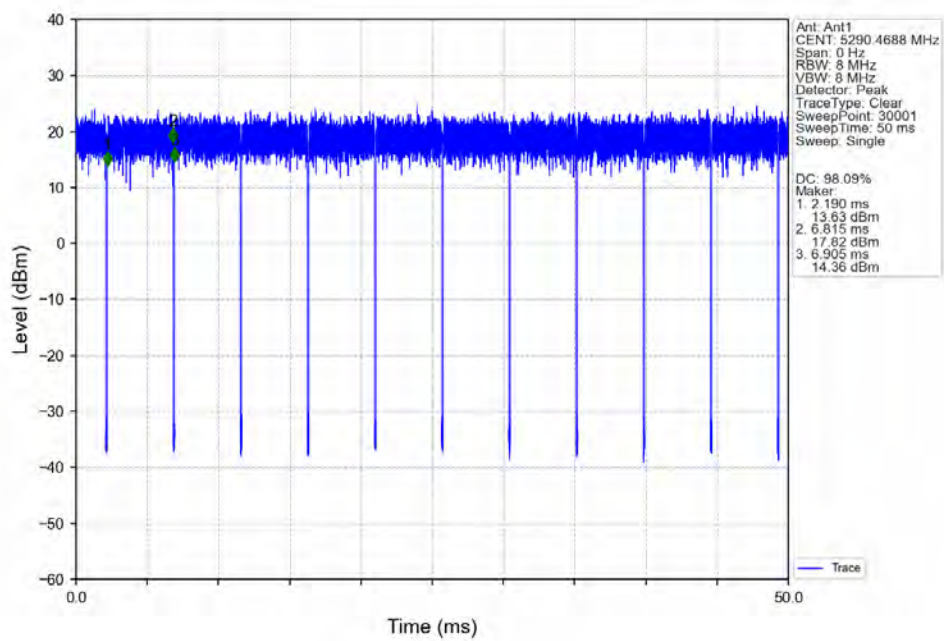
802.11ax(HEW20) HCH_5240MHz_SU / Ant1 NTN



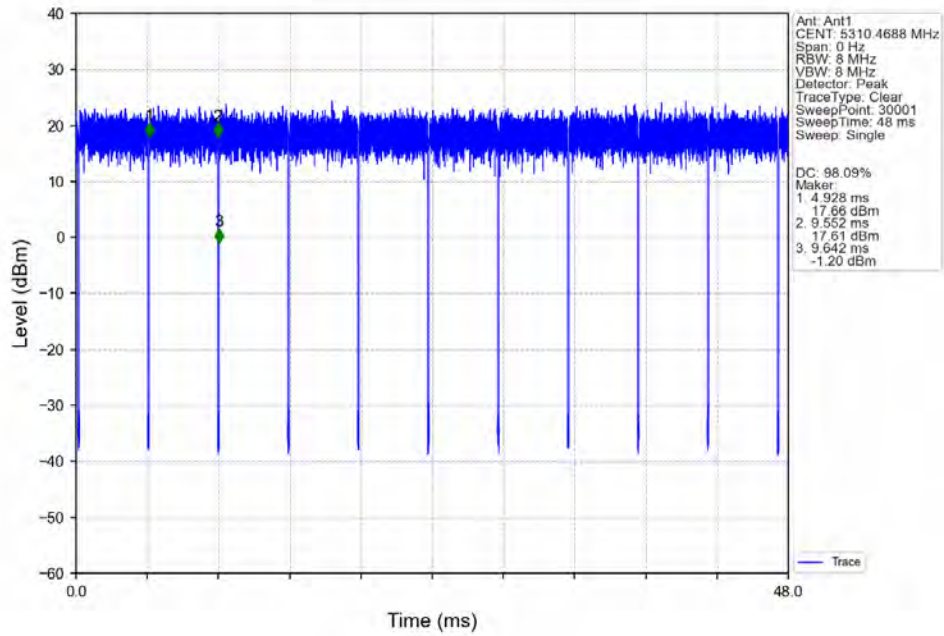
802.11ax(HEW20) LCH_5260MHz_SU / Ant1_NTNV



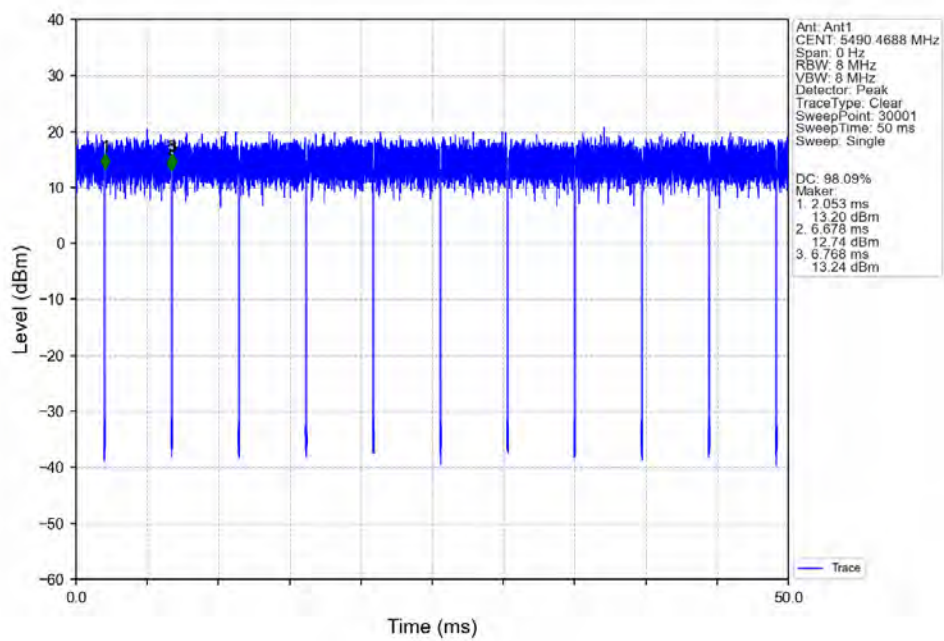
802.11ax(HEW20) MCH_5300MHz_SU / Ant1_NTNV



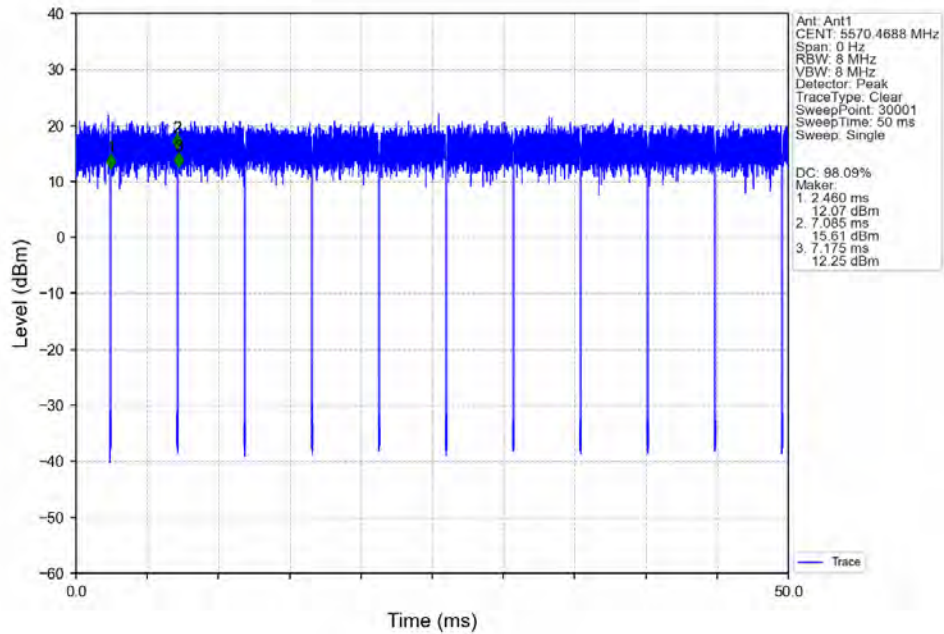
802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



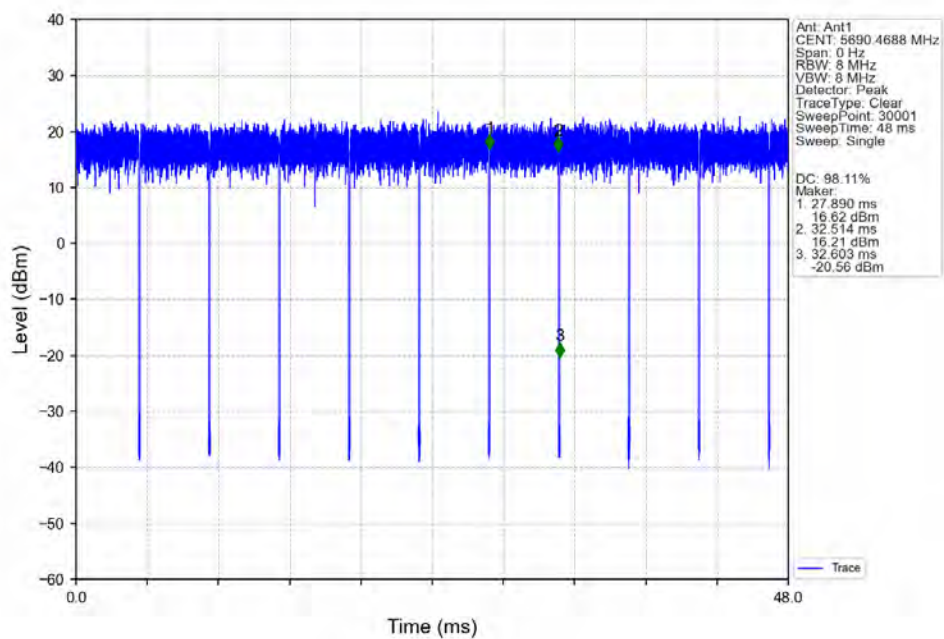
802.11ax(HEW20)_LCH_5500MHz_SU / Ant1_NTNV



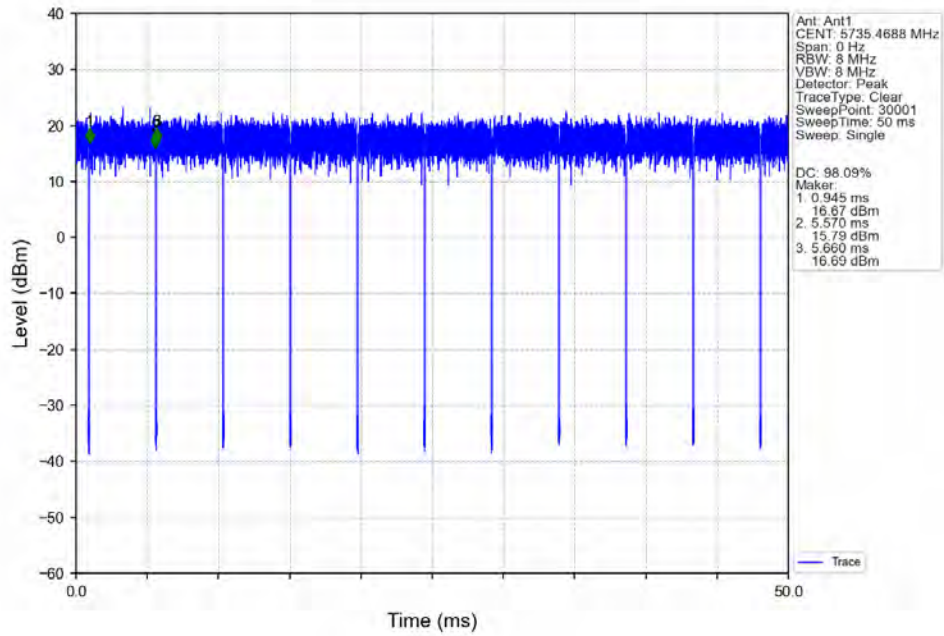
802.11ax(HEW20) MCH_5580MHz_SU / Ant1_NTNV



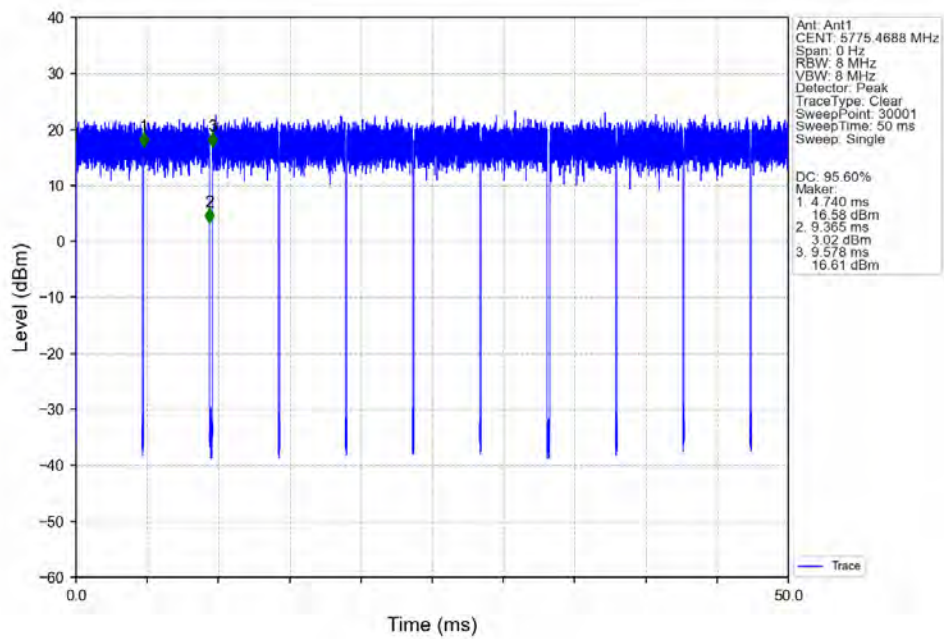
802.11ax(HEW20) HCH_5700MHz_SU / Ant1_NTNV



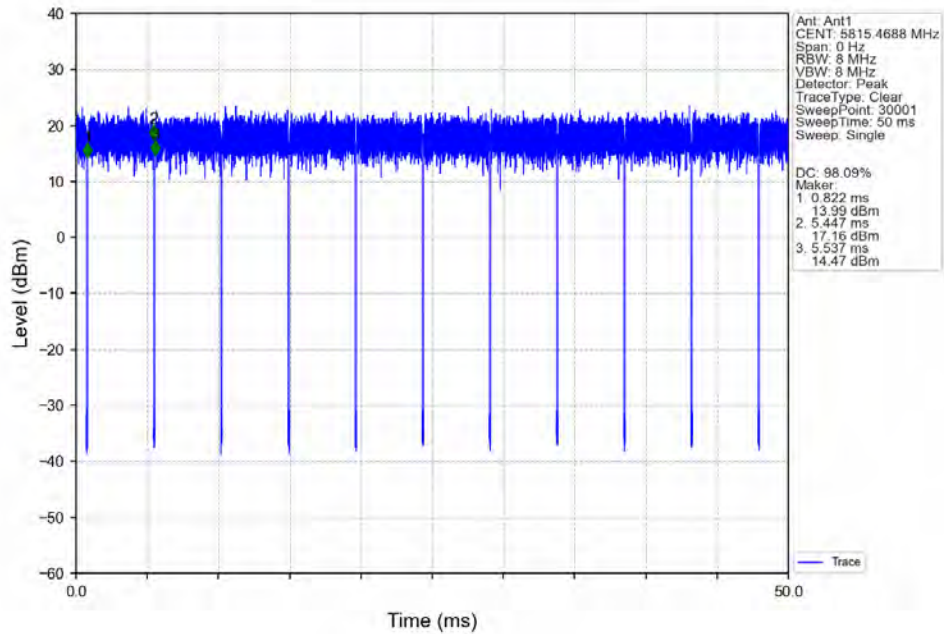
802.11ax(HEW20) LCH_5745MHz_SU / Ant1_NTNV



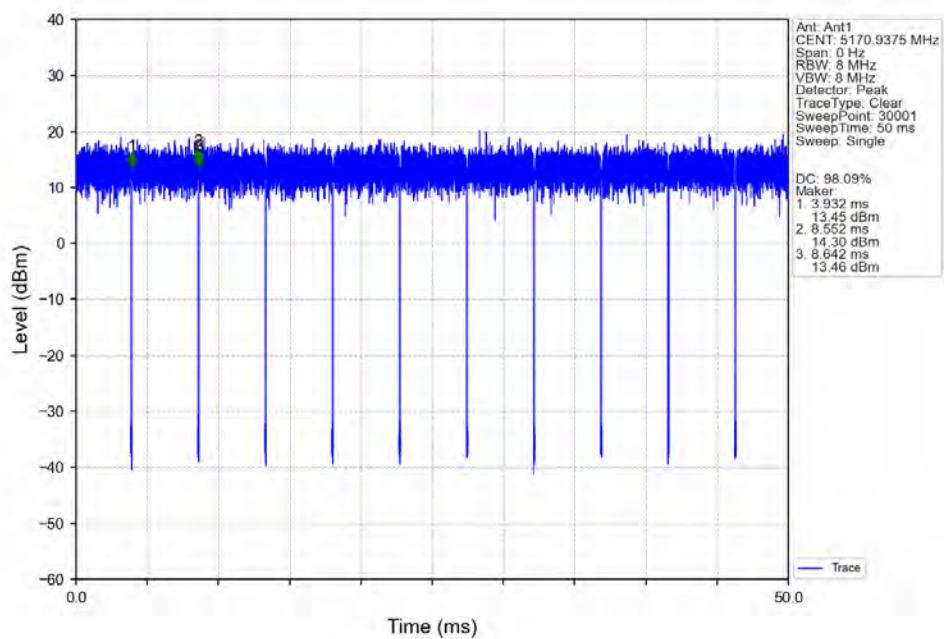
802.11ax(HEW20) MCH_5785MHz_SU / Ant1_NTNV



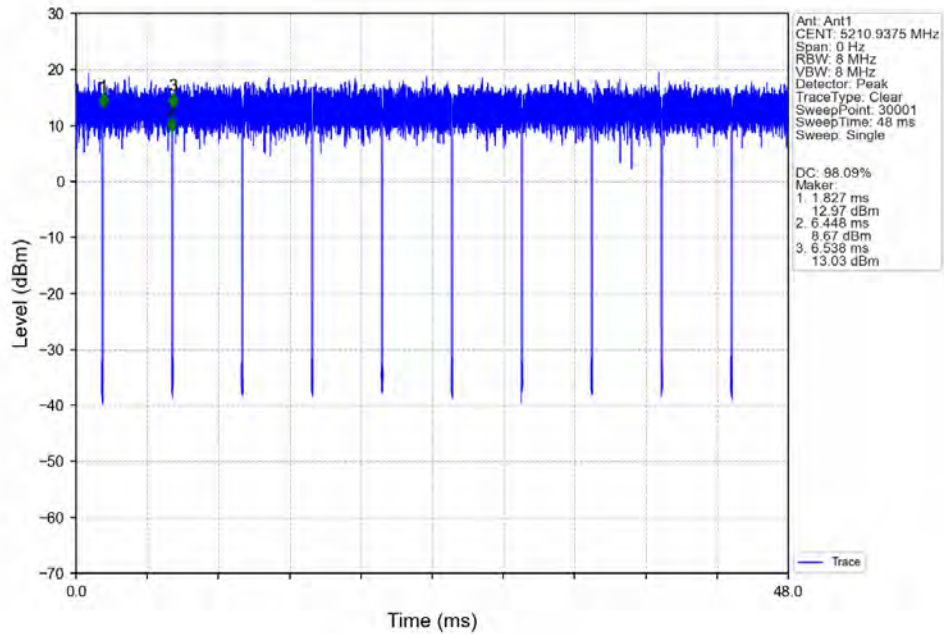
802.11ax(HEW20)_HCH_5825MHz_SU_/_Ant1_NTNV



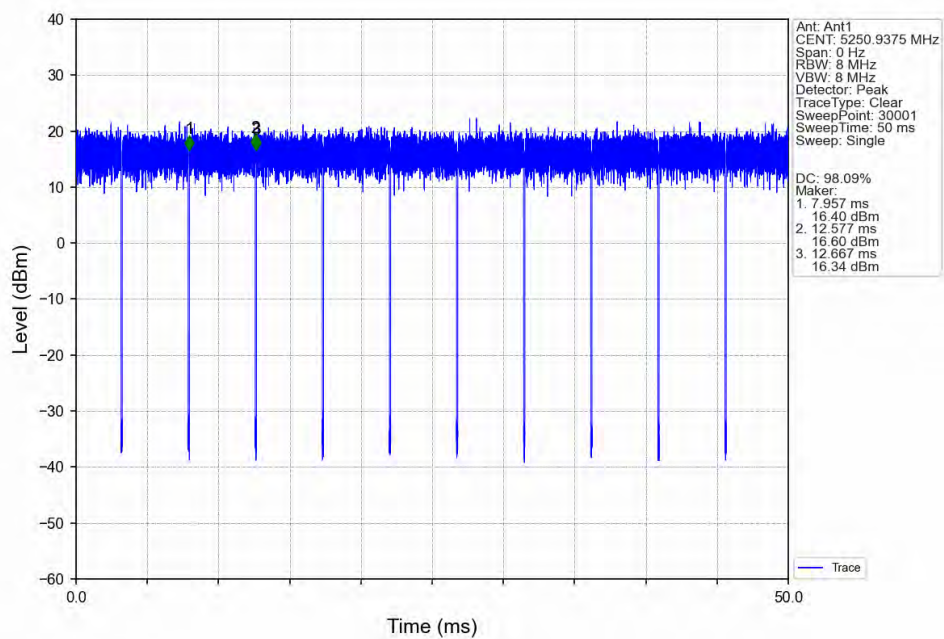
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



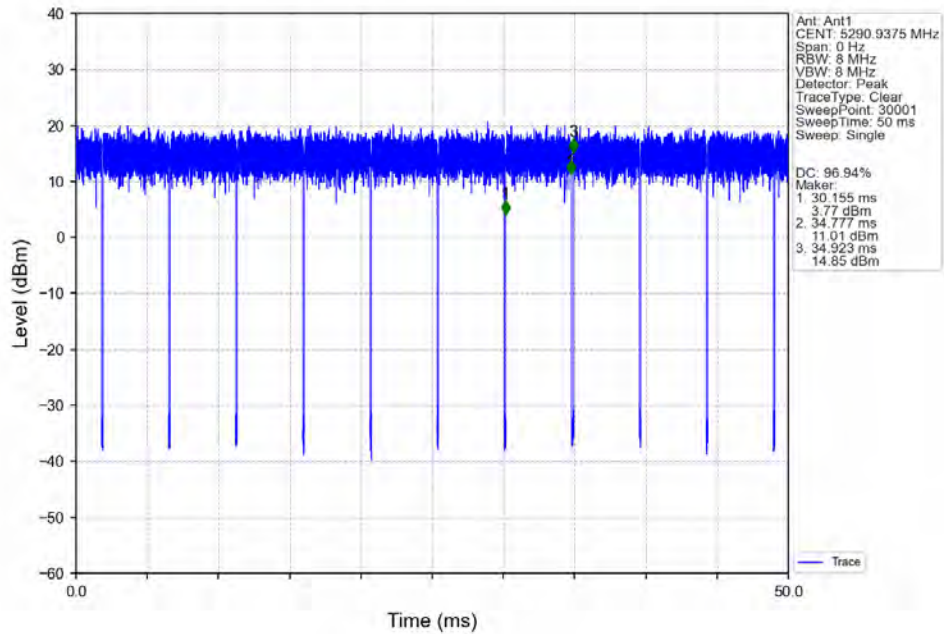
802.11ax(HEW40) HCH 5230MHz SU / Ant1 NTN



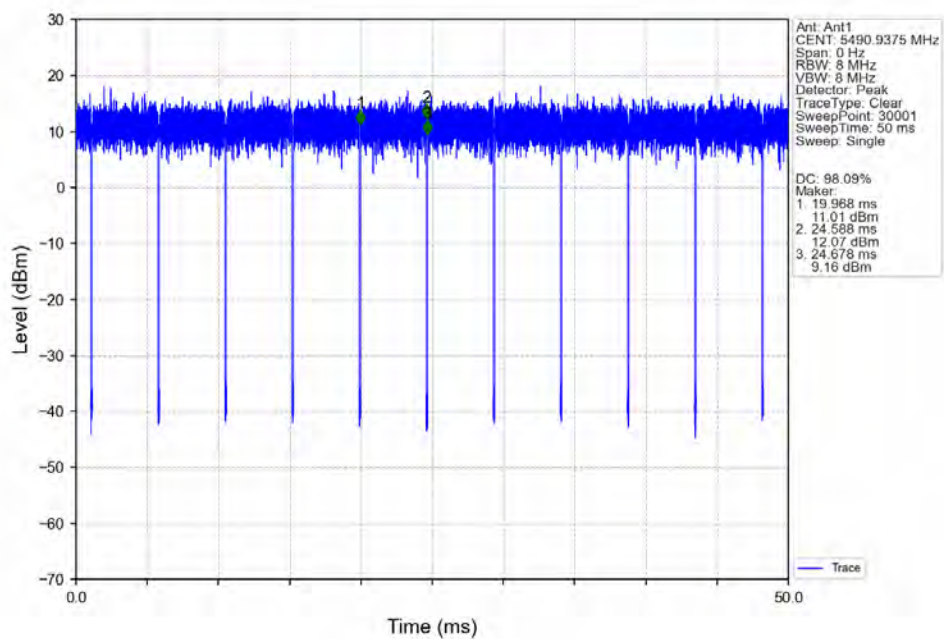
802.11ax(HEW40) LCH 5270MHz SU / Ant1 NTN



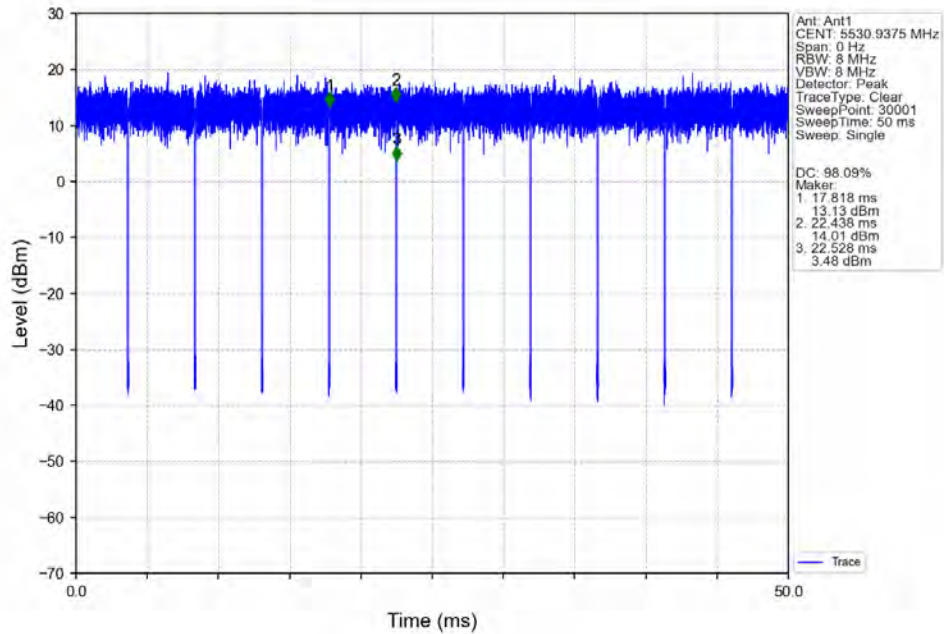
802.11ax(HEW40)_HCH_5310MHz_SU / Ant1_NTNV



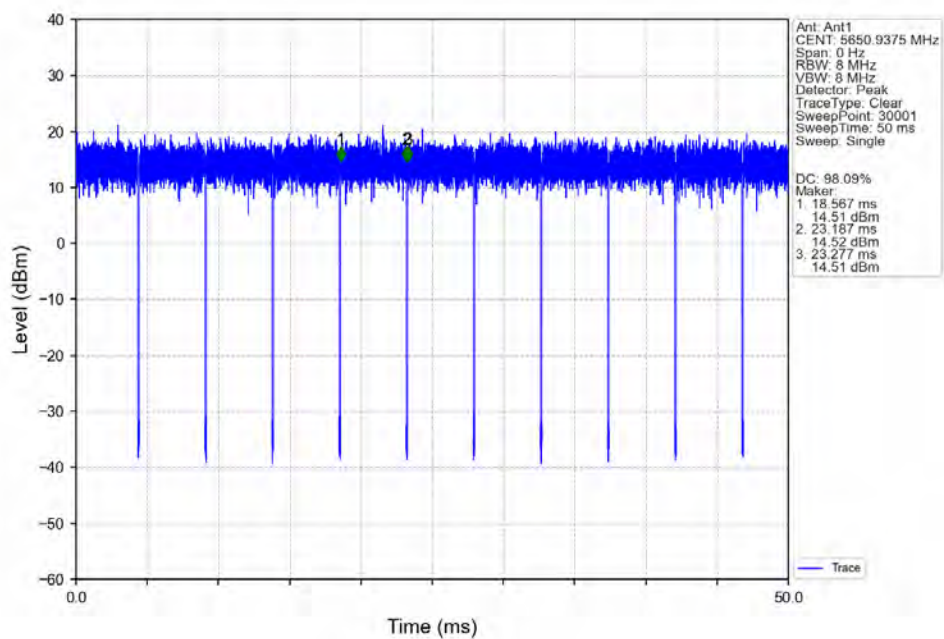
802.11ax(HEW40)_LCH_5510MHz_SU / Ant1_NTNV



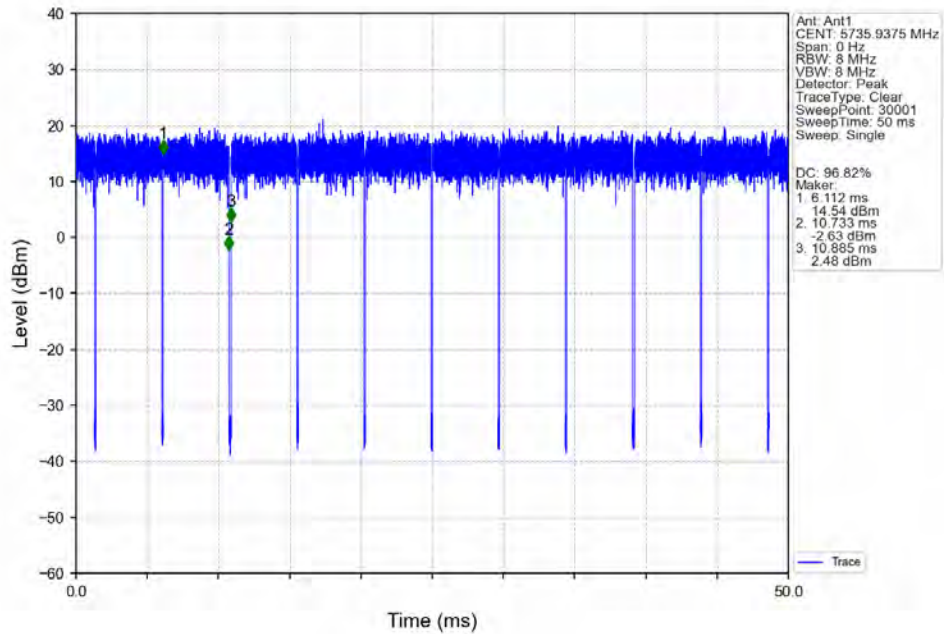
802.11ax(HEW40) MCH_5550MHz_SU / Ant1_NTNV



802.11ax(HEW40) HCH_5670MHz_SU / Ant1_NTNV



802.11ax(HEW40) LCH_5755MHz_SU / Ant1_NTNV



802.11ax(HEW40) HCH_5795MHz_SU / Ant1_NTNV

