

TEST REPORT

Product Name : MINI PC
Brand Name : N/A
Model : MS-03-S386H
Series Model : See page 6
FCC ID : 2A49R-MS-03-S386H
Applicant : MICRO COMPUTER (HK) TECH LIMITED
Address : RM 18, 28/F, Shui On Centre, 6-8 Harbour Road, WaterfRont,
Wan Chai, HK
Manufacturer : MICRO COMPUTER (HK) TECH LIMITED
Address : RM 18, 28/F, Shui On Centre, 6-8 Harbour Road, WaterfRont,
Wan Chai, HK
Standard(s) : FCC CFR Title 47 Part 15 Subpart E Section 15.407
Date of Receipt : April 29, 2026
Date of Test : April 29, 2026~ June 22, 2026
Issued Date : June 23, 2026

Issued By: Dongguan Yaxu (AiT) Technology Limited

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Reviewed by: Emiya Lin
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Note: This device has been tested and found to comply with the standard(s) listed, this test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory. This report shall not be reproduced except in full, without the written approval of Dongguan Yaxu (AiT) Technology Limited. If there is a need to alter or revise this document, the right belongs to Dongguan Yaxu (AiT) Technology Limited, and it should give a prior written notice of the revision document. This test report must not be used by the client to claim product endorsement.

Dongguan Yaxu (AiT) Technology Limited

No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China.



Report Revise Record

Report Version	Issued Date	Notes
M0	June 23, 2026	Initial Release

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1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

[FCC Rules Part 15 Subpart E](#)—Unlicensed National Information Infrastructure Devices.

[ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024](#): American National Standard for Testing Unlicensed Wireless Devices

[KDB789033 D02](#): General UNII Test Procedures New Rules v02r01.

[KDB 662911 D01 Multiple Transmitter Output v02r01](#)

[KDB 291074 D02 EMC Measurement v01](#)

1.2 Test Summary

Test Item	Rules	Result
Antenna requirement	FCC Part 15.203	Pass
On Time and Duty Cycle	/	/
AC Power Line Conducted Emission	FCC Part 15.207	Pass
Maximum Conducted Output Power	FCC Part 15.407(a)	Pass**
Power Spectral Density	FCC Part 15.407(a)	Pass
Minimum Emission Bandwidth(6dB Bandwidth)	FCC Part 15.407(e)	Pass*
Emission Bandwidth(26dB Bandwidth)	FCC Part 15.407(a)	Pass*
Radiated Emissions and Band Edge Measurement	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
Frequency Stability	FCC 15.407(g)	Pass*
Note: * means that this item refers to module report for FCC ID:PD9BE211NGW.		

1.3 Test Facility

Test Laboratory: Dongguan Yaxu (AiT) Technology Limited

No.22, Jinqianling 3rd Street, Jitigang, Huangjiang, Dongguan, Guangdong, China

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

CNAS-Registration No: L6177

Dongguan Yaxu (AiT) technology Limited is accredited to ISO/IEC 17025:2017 general Requirements for the competence of testing and calibration laboratories (CNAS-CL01 Accreditation Criteria for the competence of testing and calibration laboratories) on April 18, 2022

FCC-Registration No.: 703111 Designation Number: CN1313

Dongguan Yaxu (AiT) Technology Limited has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

IC-Registration No.: 6819A CAB identifier: CN0122

The 3m Semi-anechoic chamber of Dongguan Yaxu (AiT) Technology Limited has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 6819A

A2LA-Lab Cert. No.: 6317.01

Dongguan Yaxu (AiT) Technology Limited has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

1.4 Measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report according to CISPR 16 - 4"Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Dongguan Yaxu (AiT) Technology Limited's quality system according to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Yaxu (AiT) laboratory is reported:

Test	Measurement Uncertainty	Notes
Power Line Conducted Emission	9KHz~30MHz ± 1.20 dB	(1)
Radiated Emission	9KHz~30MHz ± 3.10 dB	(1)
Radiated Emission	30MHz~1GHz ± 3.75 dB	(1)
Radiated Emission	1GHz~18GHz ± 3.88 dB	(1)
Radiated Emission	18GHz~40GHz ± 3.88 dB	(1)
RF power, conducted	30MHz~7.5GHz ± 0.16 dB	(1)
RF power density, conducted	± 0.24 dB	(1)
Spurious emissions, conducted	± 0.21 dB	(1)
Temperature	$\pm 1^{\circ}\text{C}$	(1)
Humidity	$\pm 3\%$	(1)
DC and low frequency voltages	$\pm 1.5\%$	(1)
Time	$\pm 2\%$	(1)
Duty cycle	$\pm 2\%$	(1)

The report uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty Multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

2 GENERAL INFORMATION

2.1 Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C
Relative Humidity:	55 %
Air Pressure:	101 kPa

2.2 General Description of EUT

Product Name:	MINI PC			
Model/Type reference:	MS-03-S386H			
Serial Model:	MS-03-S**** (where*="0-9","A-Z""a-z", ". ", blank space, no character difference between each model is only due to the different model naming methods for different sales regions, other circuit principles, safety structures and key components are all the same, and the difference not affect the safety and electromagnetic compatibility performance of the product.)			
Power Ratings:	Input: 19V=12.63A			
Adapter information:	Model: SOY-1901263-244-B Input: 100-240V~ 50/60Hz 3.0A Max. Output: 19.0V=12.63A 239.97W			
Hardware Version:	N/A			
Software Version:	N/A			
Sample(s) Status:	AiTDG-260429021-1(Normal sample) AiTDG-260429021-2(Engineer sample)			
5.9G WIFI:				
Supported type:	20MHz system	40MHz system	80MHz system	160MHz system
	802.11a 802.11n 802.11ac 802.11ax 802.11be	802.11n 802.11ac 802.11ax 802.11be	802.11ac 802.11ax 802.11be	802.11ac 802.11ax 802.11be
Operation frequency:	5845-5885MHz	5835MHz-5875MHz	5855MHz	5815MHz
Modulation:	OFDM/OFDMA	OFDM/OFDMA	OFDM/OFDMA	OFDM/OFDMA
Channel number:	3	2	1	1
Channel separation:	20MHz	40MHz	80MHz	160MHz
MIMO	Support MIMO 2*2			
Antenna type:	FPC Antenna MIMO 2*2			
Antenna gain:	Antenna 1(A): 3.30Bi, Antenna 2(B):3.48dBi			
Remark:				
1. The device used tow antenna and all transmit signals are completely uncorrelated with each other, Directional gain =10*log[(10 ^{G1/10} +10 ^{G2/10})/N _{ANT}]=10*log[(10 ^{3.36/10} +10 ^{3.73/10})/2]= 3.39dBi.				
2. The above DUT's information was declared by manufacturer. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.				



2.3 Description of Test Modes and Test Frequency

The Applicant provides communication tools software to control the EUT for staying in continuous transmitting (Duty Cycle more than 98%) and receiving mode for testing.

All test performed at the low, middle and high of operational frequency range of each mode.

.Operation Frequency List:

Operating band	20MHz		40MHz		80MHz		160 MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
U-NII 4 (5850-5895MHz)	169	5845	167*	5835	171*	5855	163*	5815
	173	5865	175	5875				
	177	5885						

Note:

1. "--"Means no channel(s) available any more.
2. The line display in grey is those Channels/Frequencies select to test in this report for each operation mode.
3. *Mean straddle channel cross U-NII 3 and U-NII 4.

Data Rate Used:

All test items were preliminary test with different data rate to find the worst radiated emission.

Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Mode	Preliminary Data Rate	Worst-case Data Rate
802.11a	6Mbps ~ 54Mbps	6Mbps
802.11n	MCS0 ~ MCS15	MCS8
802.11ac	MCS0 ~ MCS9	MCS0
802.11ax	MCS0~ MCS11	MCS0
802.11be	MCS0~ MCS13	MCS0

Power setting during the test:

During testing, Channel & Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Power Parameters:

Test Software Version	DRTU		
Test Frequency	Lowest	Middle	Highest
U-NII 4	Default	Default	Default

2.4 Special Accessories

Follow auxiliary equipment(s) test with EUT that provided by the manufacturer or laboratory is listed as follow:

Description	Manufacturer	Model	Serial No.	Provided by	Other
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/
/	/	/	/	/	/

2.5 Equipment List for the Test

Conducted Emission measurement						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
☒ 1	EMI Test Receiver	R&S	ESCI	100124	2025.09.25	2026.09.24
☒ 2	LISN	R&S	ESH3-Z5	892785/016	2025.09.26	2026.09.25
☒ 3	LISN	KYORITSU	KNW-242	8-837-4	2025.09.26	2026.09.25
☒ 4	Pulse Limiter	R&S	ESH3-Z2	03578810.54	2025.09.25	2026.09.24
☒ 5	CE Software	EZ	EZ-EMC_CE	Ver.AIT-03A	N/A	N/A

Radiation Emission measurement						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
☒ 1	Spectrum Analyzer	R&S	FSV40	101470	2025.09.26	2026.09.25
☒ 2	EMI Measuring Receiver	R&S	ESPI	100773	2025.09.25	2026.09.24
☒ 3	Low Noise Pre Amplifier	HP	HP8447E	1937A01855	2025.09.25	2026.09.24
☒ 4	Low Noise Pre Amplifier	Tsj	MLA-0120-A02-34	2648A04738	2025.09.25	2026.09.24
☒ 5	Passive Loop	ETS	6512	00165355	2024.09.04	2026.09.03
☒ 6	TRILOG Super Broadband test Antenna	SCHWARZBEC K	VULB-9160	9160-3206	2024.08.29	2026.08.28
☒ 7	Broadband Horn Antenna	SCHWARZBEC K	BBHA 9120D	452	2024.08.29	2026.08.28
☒ 8	SHF-EHF Horn Antenna 15-40GHz	SCHWARZBEC K	BBHA9170	BBHA9170367	2023.09.12	2026.09.11
☒ 9	6dB Attenuator	JFW	50FPE-006	4360846-949-1	2025.09.23	2026.09.22
☒ 10	Filter	COM-MW	ZBSF6-C5850-5905-6125	6125	2025.09.23	2026.09.22
☒ 11	Radiated Cable(9K-1G)	HUBER+SUHNER	9K-1G	001	2025.09.25	2026.09.24
☒ 12	Radiated Cable(1G-18G)	HUBER+SUHNER	1G-18G	002	2025.09.25	2026.09.24
☒ 13	Radiated Cable(18G-40G)	HUBER+SUHNER	18G-40G	003	2025.09.25	2026.09.24
☒ 14	RE Software	EZ	EZ-EMC_RE	Ver.AIT-03A	N/A	N/A

RF Conducted measurement						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due
☐ 1	Spectrum Analyzer	Agilent	N9020A	MY53421570	2025.09.23	2026.09.22
☐ 2	Power Sensor	Agilent	U2021XA	MY54110007	2025.09.23	2026.09.22
☐ 3	Signal Generator	Agilent	N5182A	MY50143009	2025.09.26	2026.09.25
☐ 4	Analog signal generator	Agilent	E8257	MY51554256	2025.09.23	2026.09.22
☐ 5	Pro.Temp&Humi.chamber	MENTEK	MHP-150-1C	MAA08112501	2025.09.25	2026.09.24
☐ 6	Wideband Radio communication tester	R&S	CMW500	135866	2025.09.23	2026.09.22
☐ 7	DC power supply	ZHAOXIN	RXN-305D-2	28070002559	N/A	N/A
☐ 8	RF Test box	TST	TSTPASS	21033016	2025.09.23	2026.09.22
☐ 9	RF Software	TST	TSTPASS	Version 2.0	N/A	N/A

Note: ☐ is not applicable in this Test Report. ☒ is applicable in this Test Report.

3 TEST CONDITIONS AND RESULTS

3.1 Maximum Conducted Average Output Power

Limit

CFR 47 FCC Part15, Subpart E	
Test Item	Limit
Conducted Output Power	☐ For an indoor access point operating in the 5.850-5.895 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.
	☒ For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.
	☐ For a subordinate device operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.

Test Results

☒ **Pass**
☐ **Not Applicable**

EIRP:

Mode	Rate	Channel	Freq [MHz]	Antenna	Average Conducted Output Power [dBm]	Avg Max* Conducted Output Power [dBm]	Avg Max*. EIRP [dBm]
802.11a	6Mbps	169	5845	SISO A	19.25	19.34	22.64
				SISO B	19.06	19.15	22.63
		173	5865	SISO A	19.18	19.27	22.57
				SISO B	19.16	19.25	22.73
		177	5885	SISO A	19.28	19.37	22.67
				SISO B	19.18	19.27	22.75
802.11n20	HT0	169	5845	SISO A	19.22	19.22	22.52
				SISO B	19.36	19.36	22.84
		173	5865	SISO A	19.17	19.17	22.47
				SISO B	19.41	19.41	22.89
		177	5885	SISO A	19.40	19.40	22.70
				SISO B	19.18	19.18	22.66
	HT8	169	5845	MIMO A	16.68	16.68	20.16
				MIMO B	16.32	16.32	19.80
				Combined A+B	19.51	19.51	22.99
		173	5865	MIMO A	16.56	16.56	20.04
				MIMO B	16.31	16.31	19.79
				Combined A+B	19.45	19.45	22.93
		177	5885	MIMO A	16.66	16.66	20.14
				MIMO B	16.70	16.70	20.18
				Combined A+B	19.69	19.69	23.17
802.11n40	HT0	167	5835	SISO A	22.77	22.77	26.07
				SISO B	22.85	22.85	26.33
		175	5875	SISO A	22.56	22.56	25.86
				SISO B	23.07	23.07	26.55
	HT8	167	5835	MIMO A	20.11	20.11	23.59
				MIMO B	19.69	19.69	23.17
				Combined A+B	22.92	22.92	26.40
		175	5875	MIMO A	20.19	20.19	23.67
				MIMO B	19.60	19.60	23.08
				Combined A+B	22.92	22.92	26.40
802.11ac80	VHT0	171	5855	SISO A	21.72	21.72	25.02
				SISO B	22.72	22.72	26.20
				MIMO A	21.00	21.00	24.48
				MIMO B	20.87	20.87	24.35
				Combined A+B	23.95	23.95	27.43
802.11ac160	VHT0	163	5815	SISO A	18.22	18.22	21.52
				SISO B	18.32	18.32	21.80
				MIMO A	16.95	16.95	20.43
				MIMO B	17.18	17.18	20.66
				Combined A+B	20.08	20.08	23.56

Mode	Rate	Channel	Freq [MHz]	Antenna	Average Conducted Output Power [dBm]	Avg Max* Conducted Output Power [dBm]	Avg Max* EIRP [dBm]
802.11ax/be20	HE0	169	5845	SISO A	19.61	19.61	22.91
				SISO B	19.74	19.74	23.22
				MIMO A	16.54	16.54	20.02
				MIMO B	16.68	16.68	20.16
				Combined A+B	19.62	19.62	23.10
		173	5865	SISO A	19.55	19.55	22.85
				SISO B	19.80	19.80	23.28
				MIMO A	16.46	16.46	19.94
				MIMO B	16.70	16.70	20.18
				Combined A+B	19.59	19.59	23.07
		177	5885	SISO A	19.37	19.37	22.85
				SISO B	19.81	19.81	23.29
				MIMO A	16.42	16.42	19.90
				MIMO B	16.35	16.35	19.83
				Combined A+B	19.40	19.40	22.88
802.11ax/be40	HE0	167	5835	SISO A	22.91	22.91	26.21
				SISO B	22.94	22.94	26.42
				MIMO A	19.82	19.82	23.30
				MIMO B	19.59	19.59	23.07
				Combined A+B	22.72	22.72	26.20
		175	5875	SISO A	22.78	22.78	26.26
				SISO B	22.98	22.98	26.46
				MIMO A	19.87	19.87	23.35
				MIMO B	20.00	20.00	23.48
				Combined A+B	22.95	22.95	26.43
802.11ax/be80	HE0	171	5855	SISO A	21.63	21.63	24.93
				SISO B	22.66	22.66	26.14
				MIMO A	20.92	20.92	24.40
				MIMO B	20.96	20.96	24.44
				Combined A+B	23.95	23.95	27.43
802.11ax/be160	HE0	163	5815	SISO A	17.75	17.75	21.05
				SISO B	18.30	18.30	21.78
				MIMO A	16.82	16.82	20.30
				MIMO B	17.22	17.22	20.70
				Combined A+B	20.03	20.03	23.51

Note1: Antenna Gain: Antenna 1(A): 3.30dBi, Antenna 2(B): 3.48dBi;

Note2: Directional Gain: Uncorrelated (Directional Gain = 3.39dBi)

Note3: E.I.R.P = Measured Power + Individual Antenna Gain for SISO mode, E.I.R.P = Measured Power + Directional Gain for MIMO mode.

Note4: For conservativeness, calculate for MIMO mode EIRP the Max. antenna gain 3.48dBi is used.

Note5: The Conducted Output power is quote form modular test report No. 250519-01.TR02.

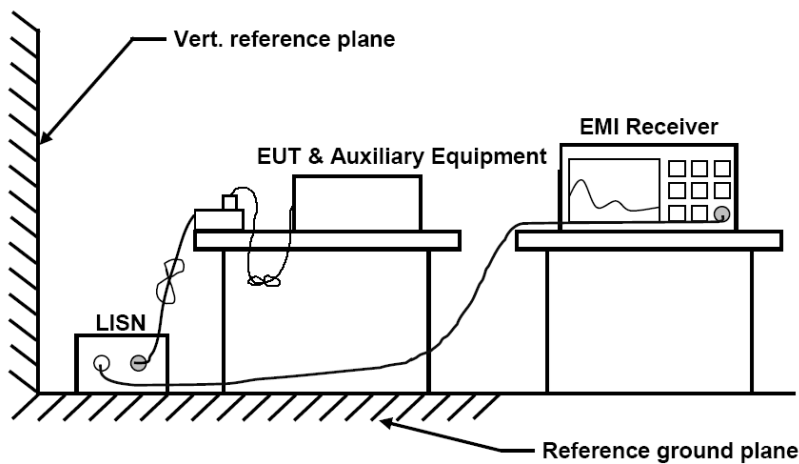
3.2 Conducted Emissions Test

LIMIT

Frequency range (MHz)	Limit (dBuV)	
	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.

TEST CONFIGURATION

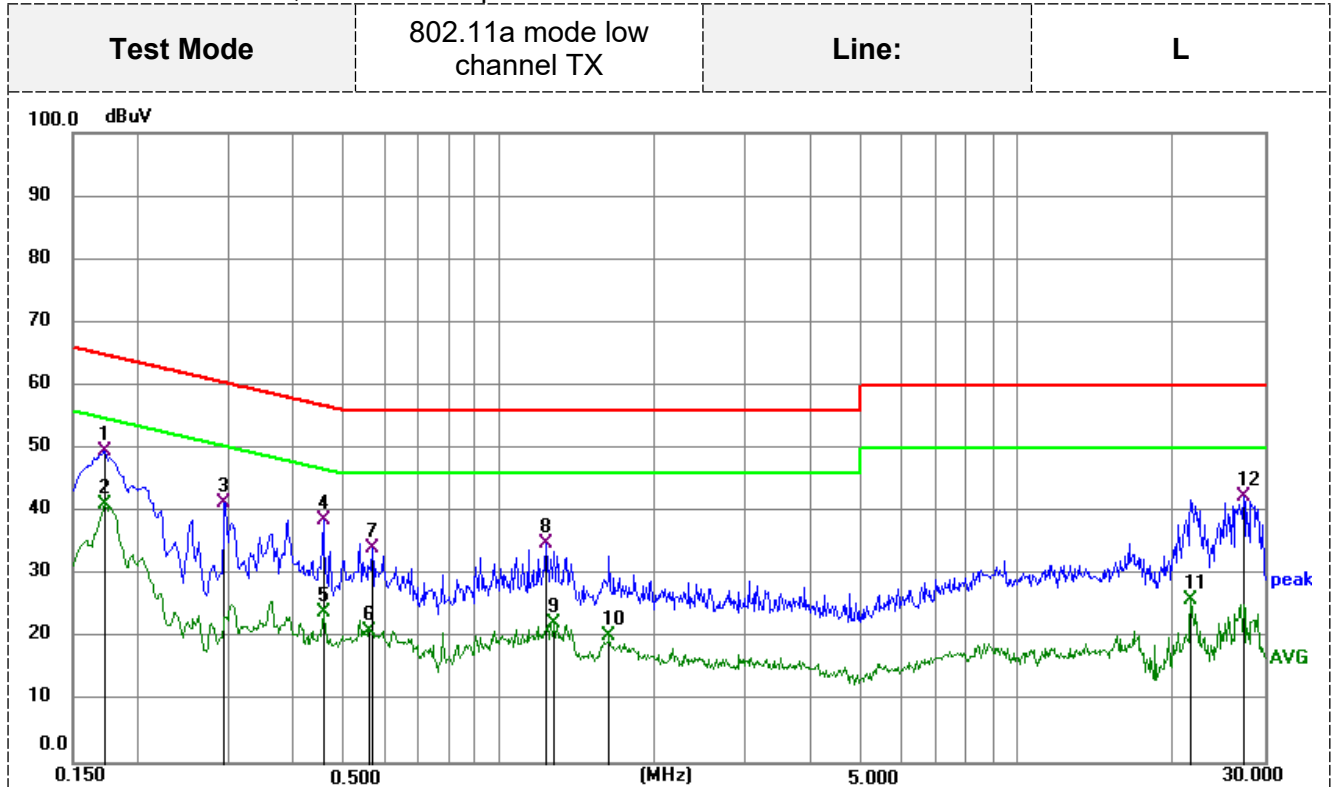


TEST PROCEDURE

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. The EUT is a tabletop system; a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. The adapter received AC120V/60Hz power through a Line Impedance Stabilization Network (LISN) which supplied power source and was grounded to the ground plane.
5. All support equipments received AC power from a second LISN, if any.
6. The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 KHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.

TEST RESULTS

1. Pre-scan all WIFI operation modes at Low, Middle, and High channel; only the worst result of 802.11a mode antenna 1 low channel was reported as below:
2. Both 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz power supply have been tested, only the worst result of 120 VAC, 60 Hz was reported as below:



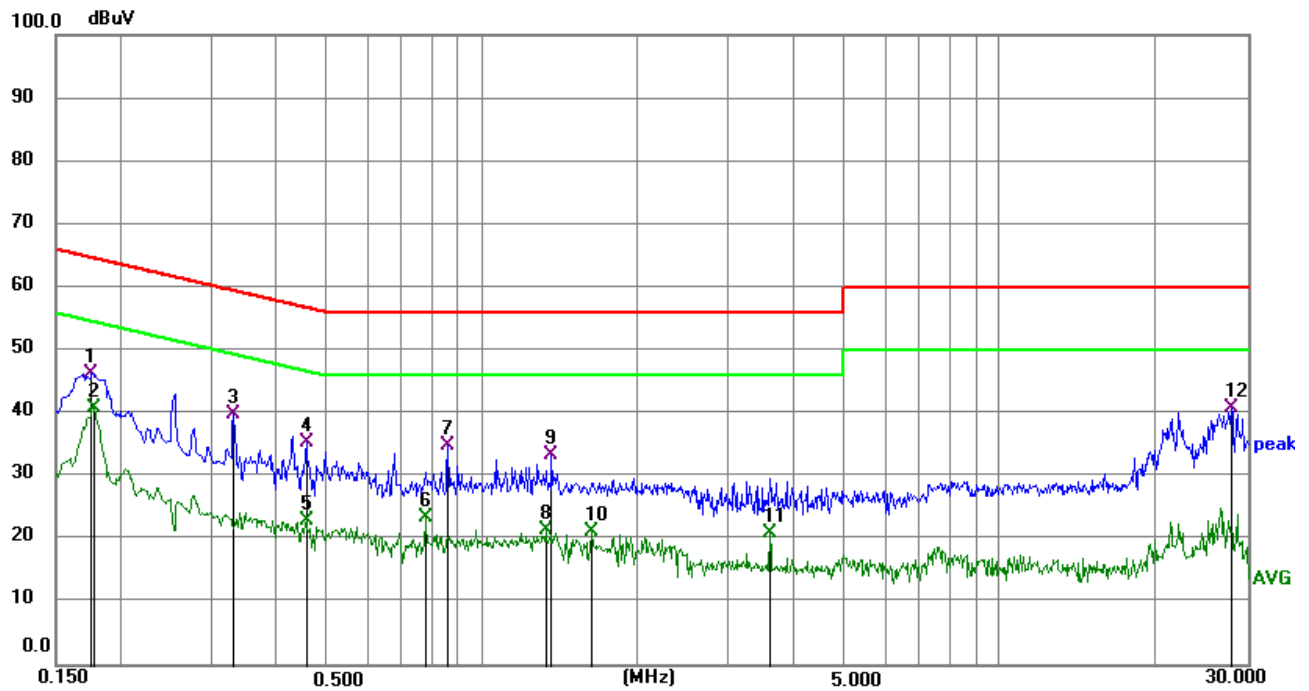
Remark: Correct Factor = Insertion loss of LISN + Cable loss + Insertion loss of Pulse Limiter;

Measurement Result = Reading Level + Correct Factor;

Margin = Measurement Result - Limit

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1723	38.51	11.09	49.60	64.85	-15.25	QP
2	0.1723	29.91	11.09	41.00	54.85	-13.85	AVG
3	0.2940	30.35	11.07	41.42	60.41	-18.99	QP
4	0.4560	27.41	11.06	38.47	56.77	-18.30	QP
5	0.4560	13.00	11.06	24.06	46.77	-22.71	AVG
6	0.5639	10.02	11.06	21.08	46.00	-24.92	AVG
7	0.5685	23.06	11.06	34.12	56.00	-21.88	QP
8	1.2300	23.79	11.06	34.85	56.00	-21.15	QP
9	1.2795	11.18	11.06	22.24	46.00	-23.76	AVG
10	1.6350	9.20	11.05	20.25	46.00	-25.75	AVG
11	21.6240	13.54	12.36	25.90	50.00	-24.10	AVG
12	27.3210	29.98	12.24	42.22	60.00	-17.78	QP

Test Mode	802.11a mode low channel TX	Line:	N
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Remark: Correct Factor = Insertion loss of LISN + Cable loss + Insertion loss of Pulse Limiter;

Measurement Result = Reading Level + Correct Factor;

Margin = Measurement Result - Limit

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1758	35.34	10.98	46.32	64.68	-18.36	QP
2	0.1770	29.75	10.98	40.73	54.63	-13.90	AVG
3	0.3300	28.82	10.99	39.81	59.45	-19.64	QP
4	0.4560	24.41	11.00	35.41	56.77	-21.36	QP
5	0.4560	12.07	11.00	23.07	46.77	-23.70	AVG
6	0.7752	12.37	10.99	23.36	46.00	-22.64	AVG
7	0.8610	23.82	11.00	34.82	56.00	-21.18	QP
8	1.3290	10.53	10.99	21.52	46.00	-24.48	AVG
9	1.3650	22.32	10.99	33.31	56.00	-22.69	QP
10	1.6350	10.30	10.99	21.29	46.00	-24.71	AVG
11	3.5924	9.81	11.09	20.90	46.00	-25.10	AVG
12	27.8610	28.71	11.99	40.70	60.00	-19.30	QP

3.3 Radiated Emissions and Band Edge

Limit

For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.

For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.

For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

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

Radiated emission limits

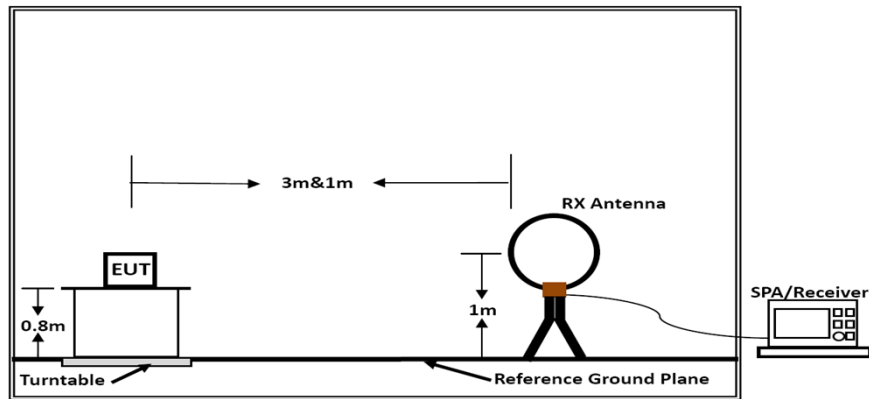
Frequency (MHz)	Distance (Meters)	Radiated (dBμV/m)	Radiated (μV/m)
0.009-0.49	3	$20\log(2400/F(\text{KHz}))+40\log(300/3)$	$2400/F(\text{KHz})$
0.49-1.705	3	$20\log(24000/F(\text{KHz}))+40\log(30/3)$	$24000/F(\text{KHz})$
1.705-30	3	$20\log(30)+40\log(30/3)$	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

(3) In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a)

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

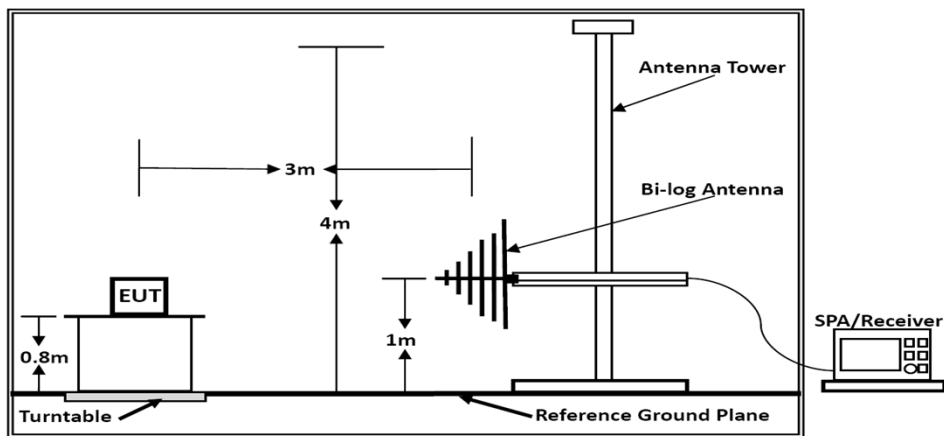
TEST CONFIGURATION

(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



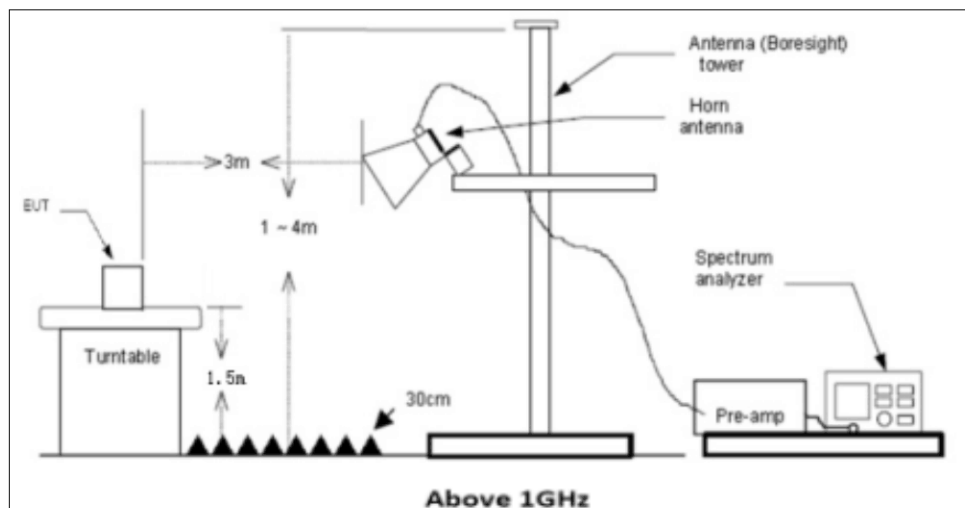
Below 30MHz

(B) Radiated Emission Test Set-Up, Frequency below 1000MHz



Below 1GHz

(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



Above 1GHz

Test Procedure

- Below 1GHz measurement the EUT is placed on a turntable which is 0.8m above ground plane, and above 1GHz measurement EUT was placed on a low permittivity and low loss tangent turn table which is 1.5m above ground plane.
- Maximum procedure was performed by raising the receiving antenna from 1m to 4m and rotating the turn table from 0°C to 360°C to acquire the highest emissions from EUT
- And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- Repeat above procedures until all frequency measurements have been completed.
- Radiated emission test frequency band from 9KHz to 40GHz.
- The distance between test antenna and EUT as following table states:

Test Frequency range	Test Antenna Type	Test Distance
9KHz-30MHz	Active Loop Antenna	3
30MHz-1GHz	Bilog Antenna	3
1GHz-26.5GHz	Horn Antenna	3
26.5GHz-40GHz	Horn Antenna	1

- Setting test receiver/spectrum as following table states:

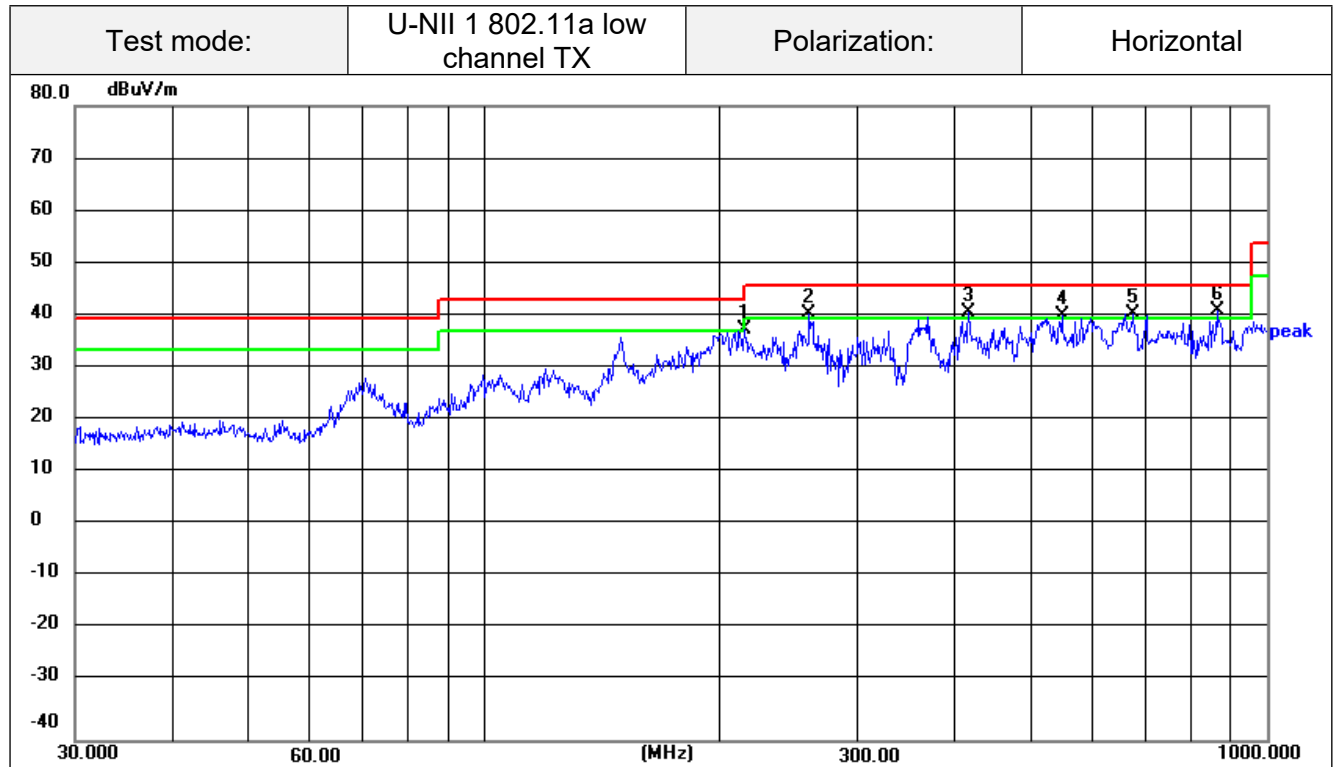
Test Frequency range	Test Receiver/Spectrum Setting	Detector
9KHz-150KHz	RBW=200Hz/VBW=3KHz, Sweep time=Auto	QP
150KHz-30MHz	RBW=9KHz/VBW=100KHz, Sweep time=Auto	QP
30MHz-1GHz	RBW=120KHz/VBW=1000KHz, Sweep time=Auto	QP
1GHz-40GHz	Peak Value: RBW=1MHz/VBW=3MHz, Sweep time=Auto Average Value: RBW=1MHz/VBW=10Hz, Sweep time=Auto	Peak

TEST RESULTS

Remark: Radiated emission test from 9 KHz to 10th harmonic of fundamental was verified, and no emission found except system noise floor in 9 KHz to 30MHz and not recorded in this report.

For 30MHz-1GHz

Note: Pre-scan all WIFI operation modes for below 1GHz test, only the worst case 802.11a Ant1 low channel of U-NII 1 band was recorded.



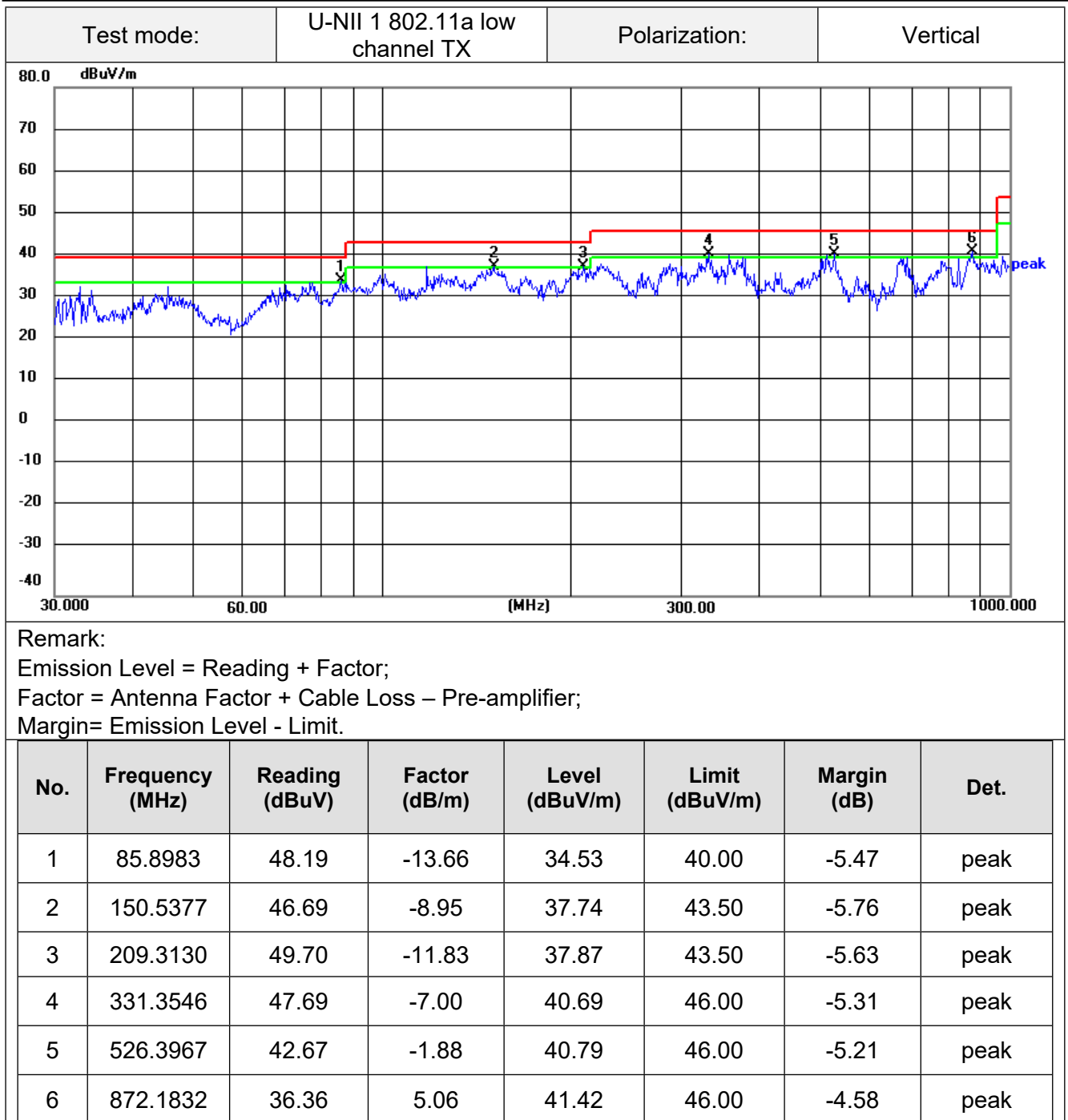
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

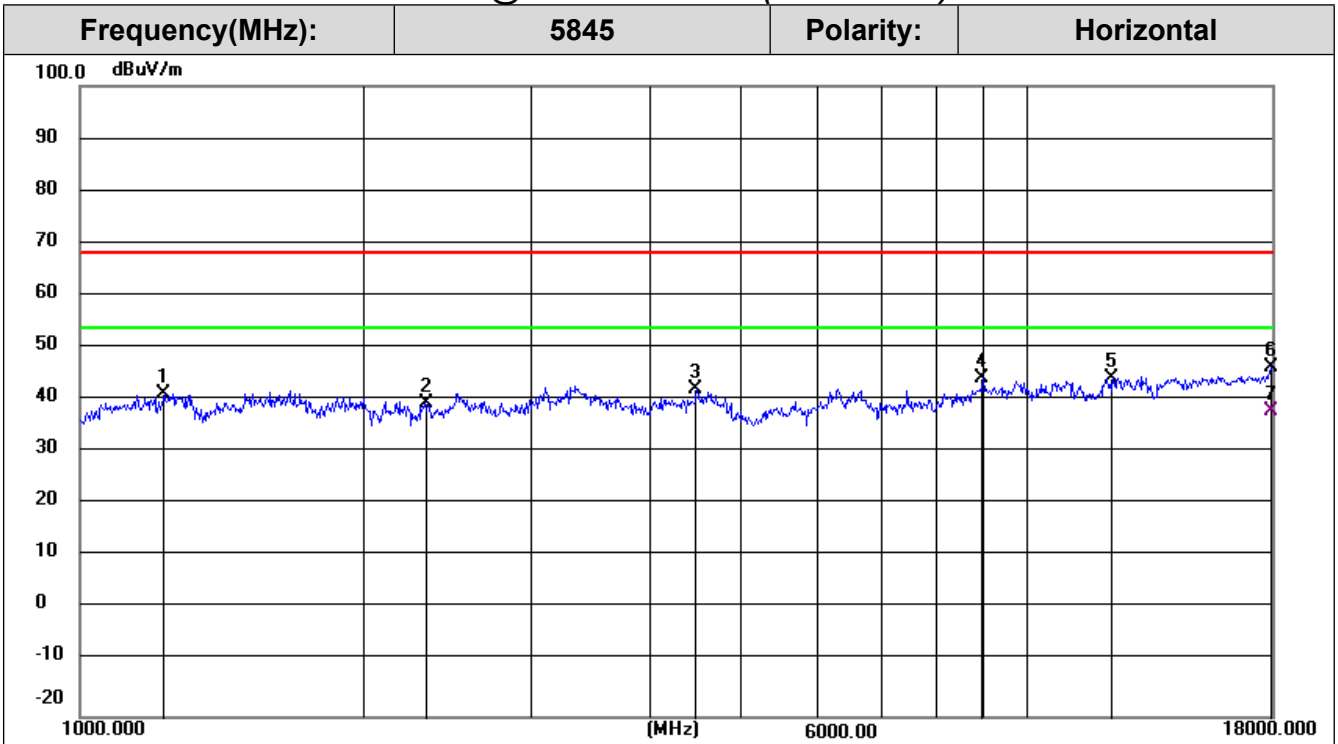
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	215.2676	49.44	-11.56	37.88	43.50	-5.62	peak
2	260.1444	50.15	-9.33	40.82	46.00	-5.18	peak
3	416.1791	45.30	-4.15	41.15	46.00	-4.85	peak
4	547.0976	42.99	-2.56	40.43	46.00	-5.57	peak
5	675.2080	39.53	1.19	40.72	46.00	-5.28	peak
6	863.0561	36.11	5.20	41.31	46.00	-4.69	peak



For 1GHz to 18GHz

Remark: All WIFI operation modes have been tested for above 1GHz test, only the worst case was recorded as below:

U-NII 1 @ 802.11n20 MIMO (above 1GHz)



Remark:

Filter is used

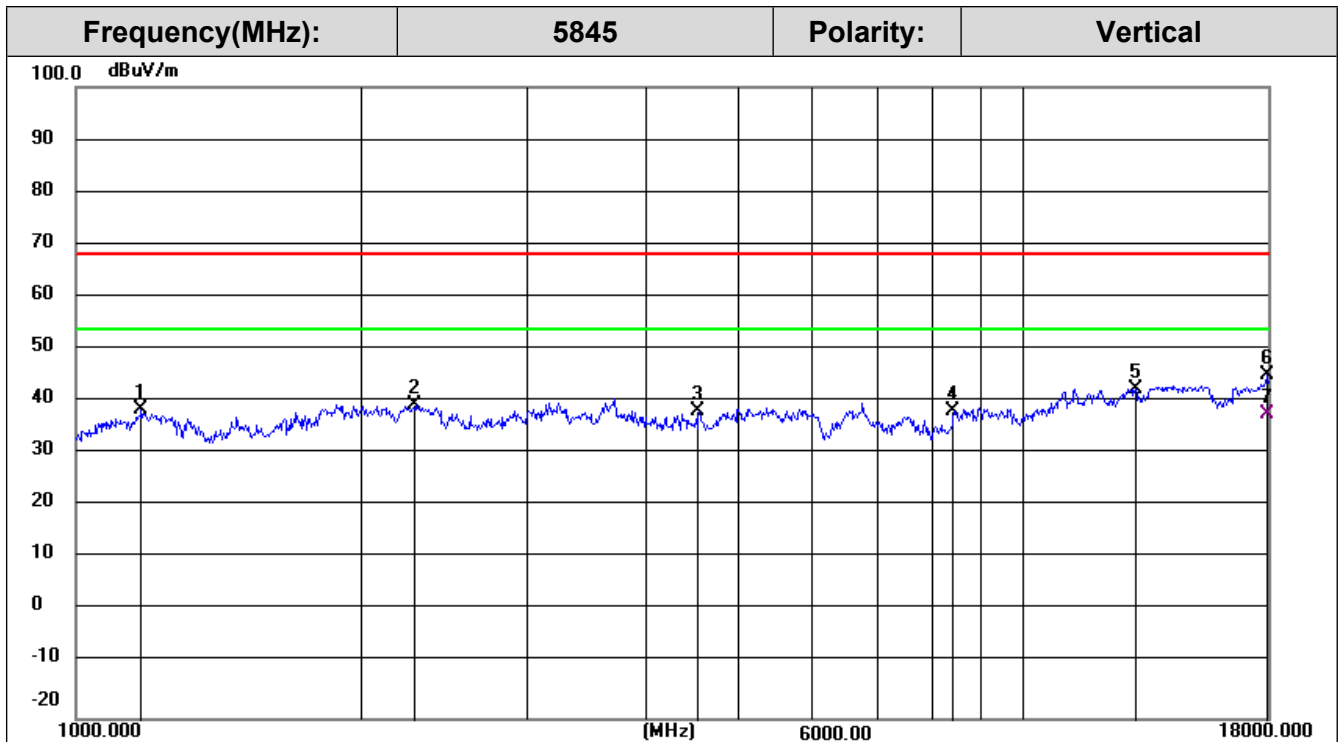
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1229.566	67.16	-25.73	41.43	68.20	-26.77	peak
2	2333.030	61.75	-22.03	39.72	68.20	-28.48	peak
3	4483.446	58.16	-15.65	42.51	68.20	-25.69	peak
4	8956.208	48.61	-4.24	44.37	68.20	-23.83	peak
5	12269.401	46.52	-2.08	44.44	68.20	-23.76	peak
6	17994.798	37.23	9.41	46.64	68.20	-21.56	peak
7	17994.798	28.95	9.41	38.36	68.20	-29.84	QP

Note:A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.



Remark:

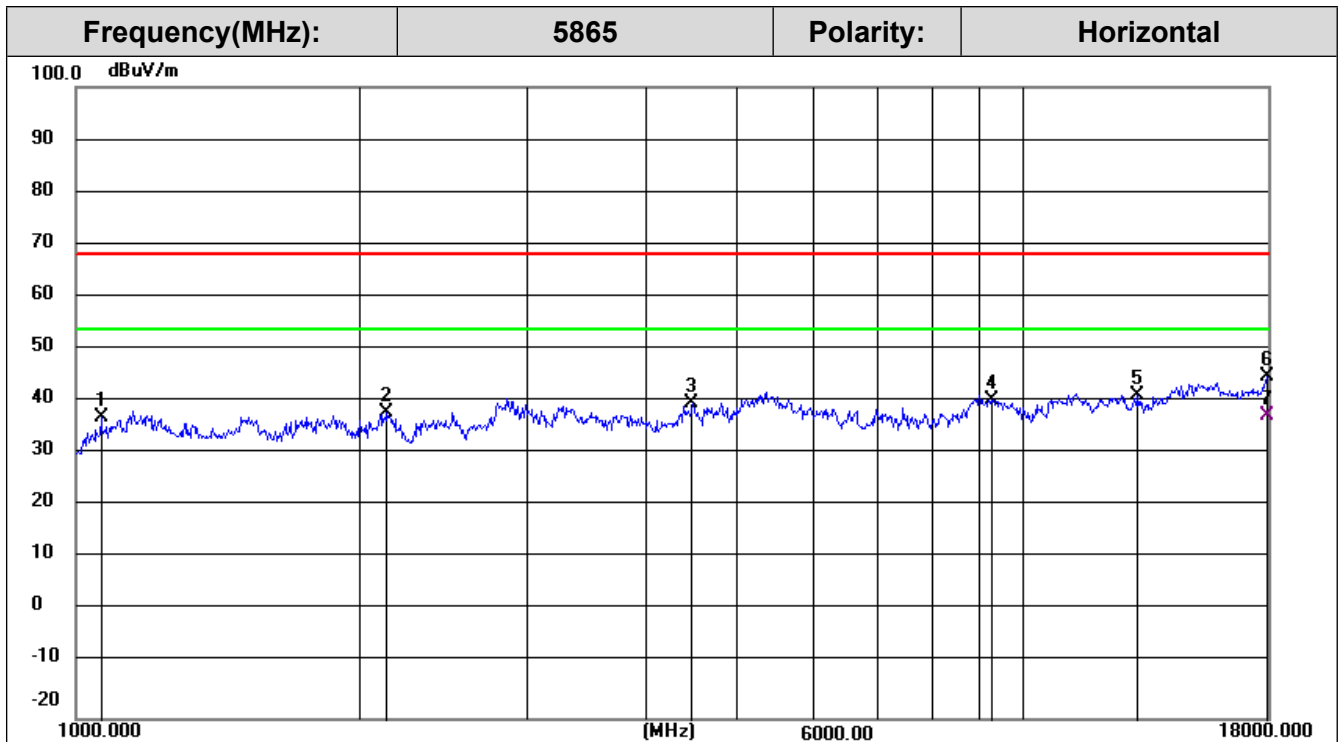
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1173.999	64.61	-25.69	38.92	68.20	-29.28	peak
2	2287.623	61.83	-22.17	39.66	68.20	-28.54	peak
3	4550.025	53.79	-15.38	38.41	68.20	-29.79	peak
4	8431.192	44.79	-6.35	38.44	68.20	-29.76	peak
5	13090.055	44.83	-2.07	42.76	68.20	-25.44	peak
6	17994.798	35.90	9.41	45.31	68.20	-22.89	peak
7	17994.798	28.36	9.41	37.77	68.20	-30.43	QP

Note: A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.



Remark:

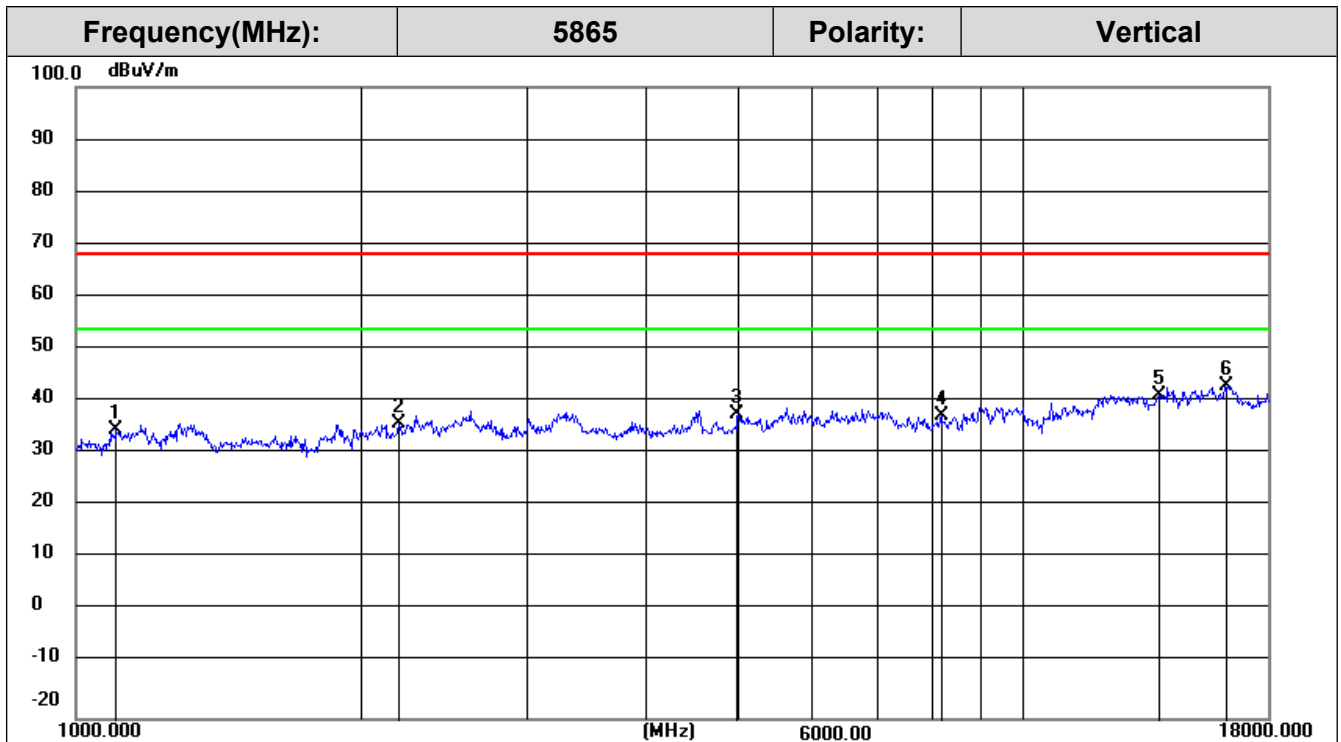
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1063.499	63.04	-25.65	37.39	68.20	-30.81	peak
2	2131.846	60.87	-22.60	38.27	68.20	-29.93	peak
3	4483.446	55.66	-15.65	40.01	68.20	-28.19	peak
4	9237.525	44.44	-3.81	40.63	68.20	-27.57	peak
5	13181.175	43.25	-1.90	41.35	68.20	-26.85	peak
6	17994.798	35.73	9.41	45.14	68.20	-23.06	peak
7	17994.798	28.30	9.41	37.71	68.20	-30.49	QP

Note: A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.



Remark:

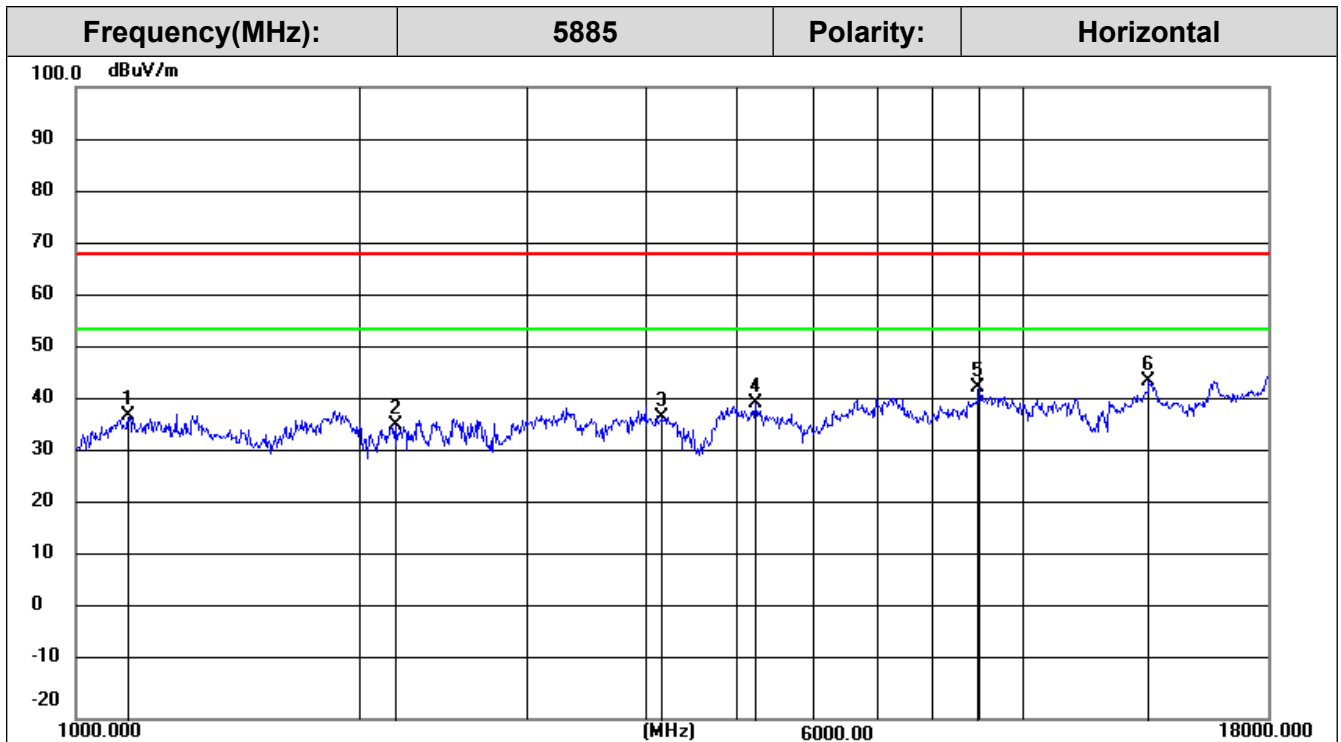
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1108.378	60.59	-25.66	34.93	68.20	-33.27	peak
2	2191.195	58.47	-22.43	36.04	68.20	-32.16	peak
3	4999.605	51.23	-13.38	37.85	68.20	-30.35	peak
4	8174.432	45.09	-7.34	37.75	68.20	-30.45	peak
5	13921.267	41.68	-0.13	41.55	68.20	-26.65	peak
6	16357.728	43.84	-0.59	43.25	68.20	-24.95	peak

Note: A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.



Remark:

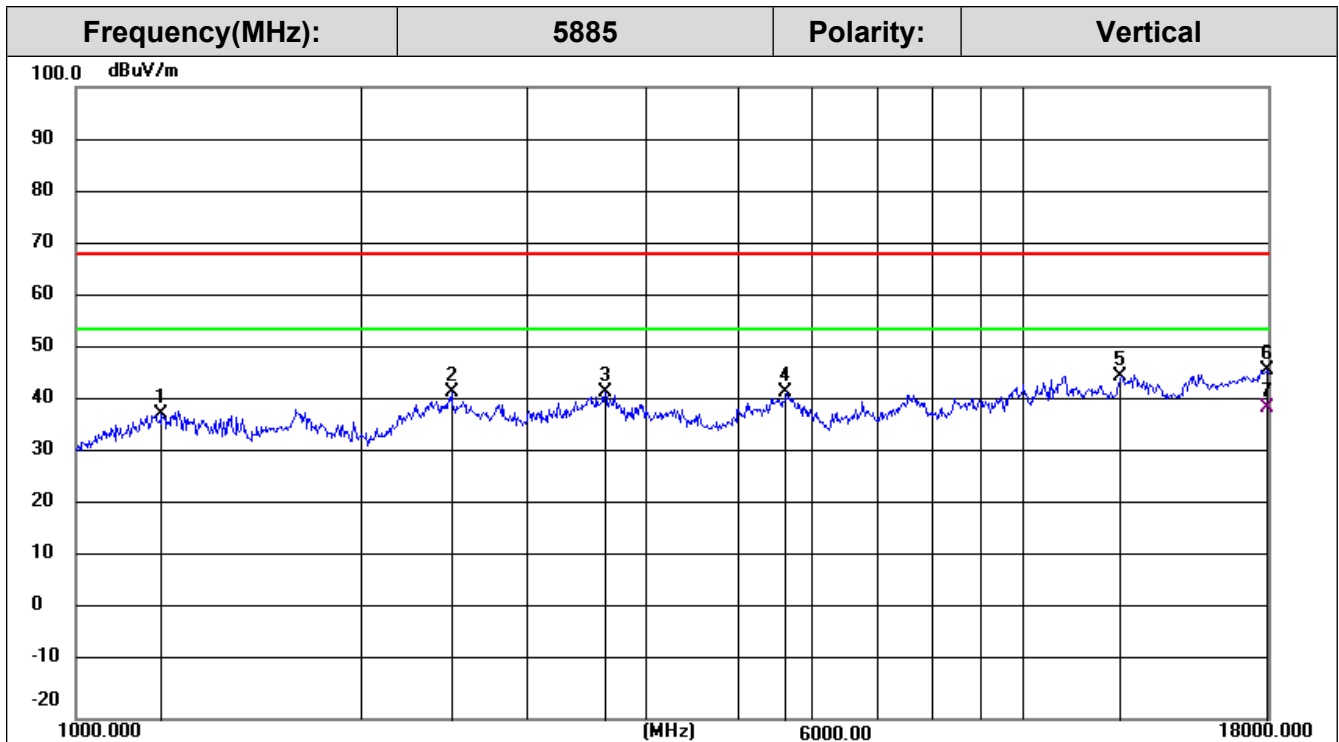
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1140.881	63.29	-25.68	37.61	68.20	-30.59	peak
2	2174.161	58.46	-22.48	35.98	68.20	-32.22	peak
3	4151.659	54.07	-16.65	37.42	68.20	-30.78	peak
4	5210.581	52.97	-12.92	40.05	68.20	-28.15	peak
5	8956.208	47.11	-4.24	42.87	68.20	-25.33	peak
6	13516.835	45.31	-1.23	44.08	68.20	-24.12	peak

Note: A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.



Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

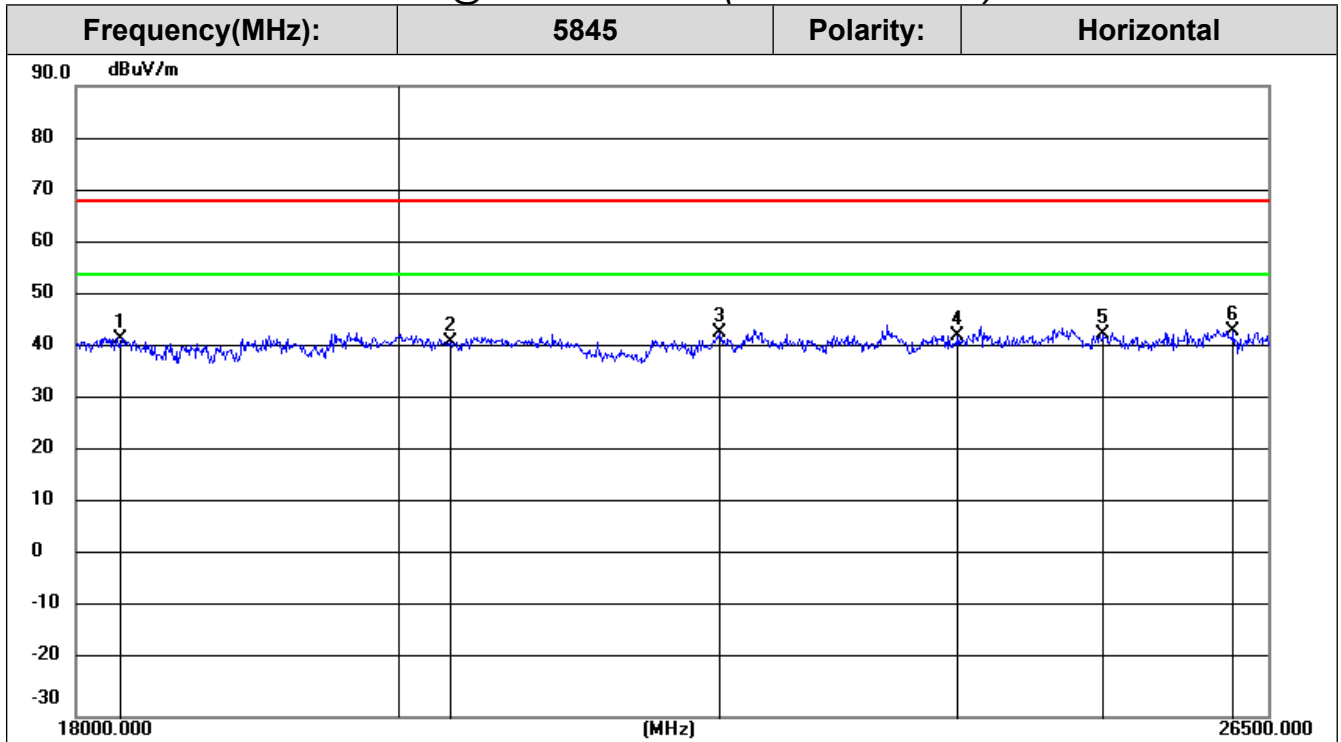
No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1235.265	63.67	-25.75	37.92	68.20	-30.28	peak
2	2494.840	63.53	-21.57	41.96	68.20	-26.24	peak
3	3609.662	60.50	-18.39	42.11	68.20	-26.09	peak
4	5605.889	54.17	-12.15	42.02	68.20	-26.18	peak
5	12647.472	47.09	-2.13	44.96	68.20	-23.24	peak
6	17994.798	36.90	9.41	46.31	68.20	-21.89	peak
7	17994.798	29.70	9.41	39.11	68.20	-29.09	QP

Note: A filter was used to exclude fundamental during the test to prevent overloading the testing equipment.

For above 18GHz

Remark: Pre-scan all WIFI operation modes, and no spurious found, only one channel plots recorded below represent the worst scenario.

U-NII 1 @ 802.11n20 MIMO (above 18-26.5GHz)



Remark:

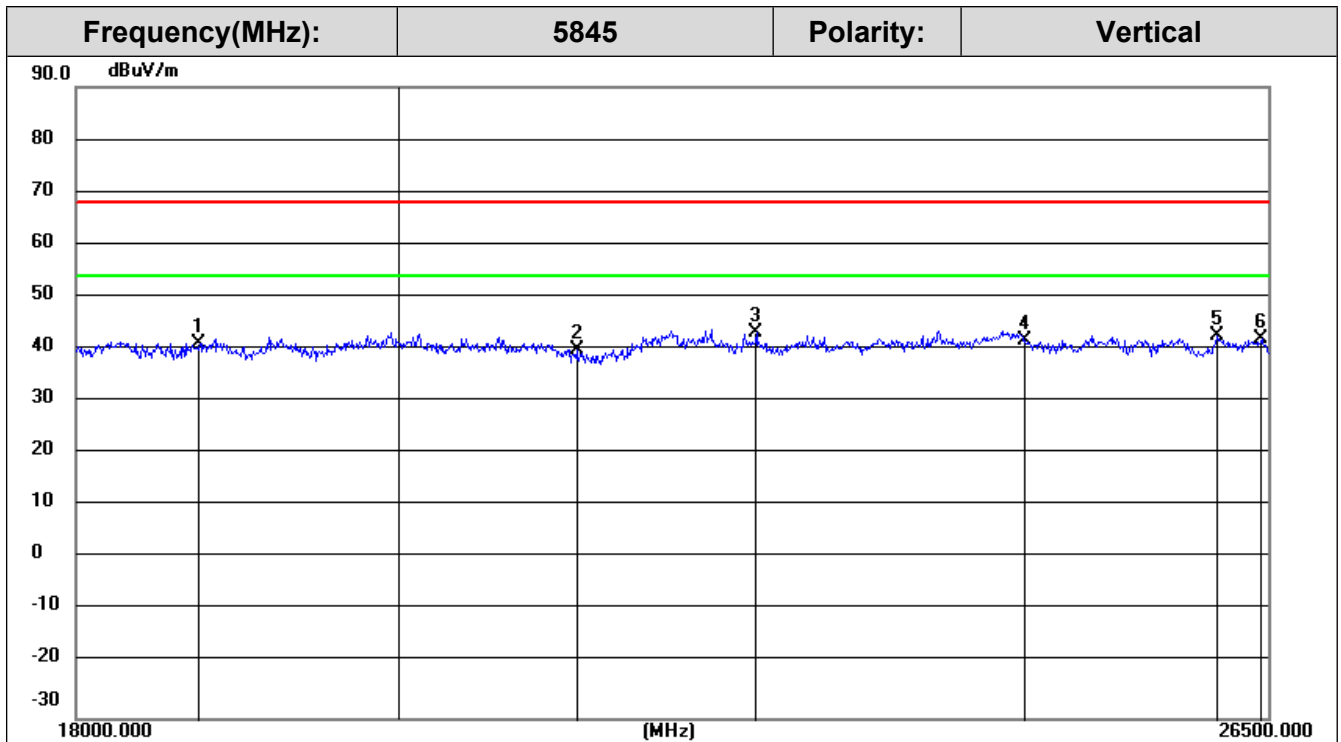
Filter is used

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18274.986	60.32	-18.35	41.97	68.20	-26.23	peak
2	20327.470	57.95	-16.60	41.35	68.20	-26.85	peak
3	22185.137	60.22	-17.06	43.16	68.20	-25.04	peak
4	23965.671	58.09	-15.53	42.56	68.20	-25.64	peak
5	25129.459	59.41	-16.61	42.80	68.20	-25.40	peak
6	26205.439	58.77	-15.39	43.38	68.20	-24.82	peak



Remark:

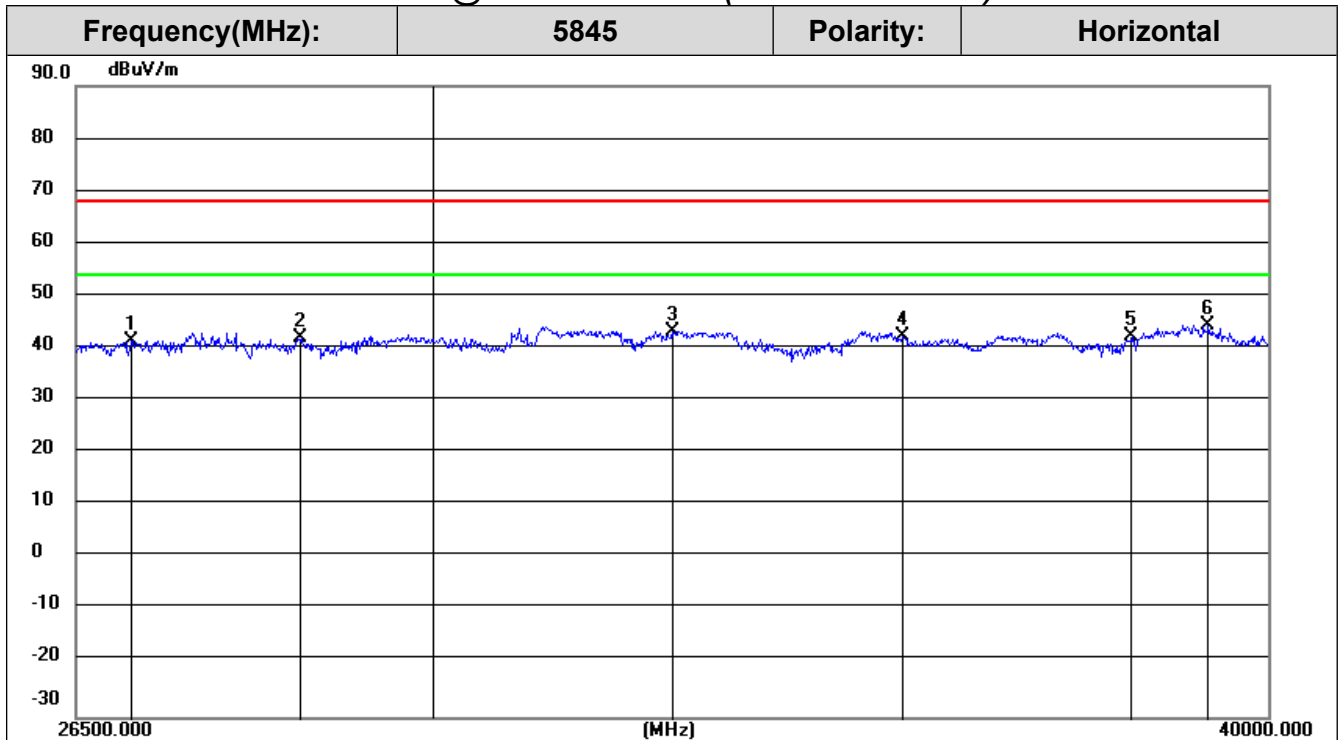
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18744.597	59.30	-18.06	41.24	68.20	-26.96	peak
2	21178.993	56.81	-16.65	40.16	68.20	-28.04	peak
3	22449.263	60.52	-17.24	43.28	68.20	-24.92	peak
4	24491.360	57.95	-15.95	42.00	68.20	-26.20	peak
5	26081.068	58.28	-15.53	42.75	68.20	-25.45	peak
6	26453.917	57.16	-15.10	42.06	68.20	-26.14	peak

U-NII 1 @ 802.11n20 MIMO (above 26.5-40GHz)



Remark:

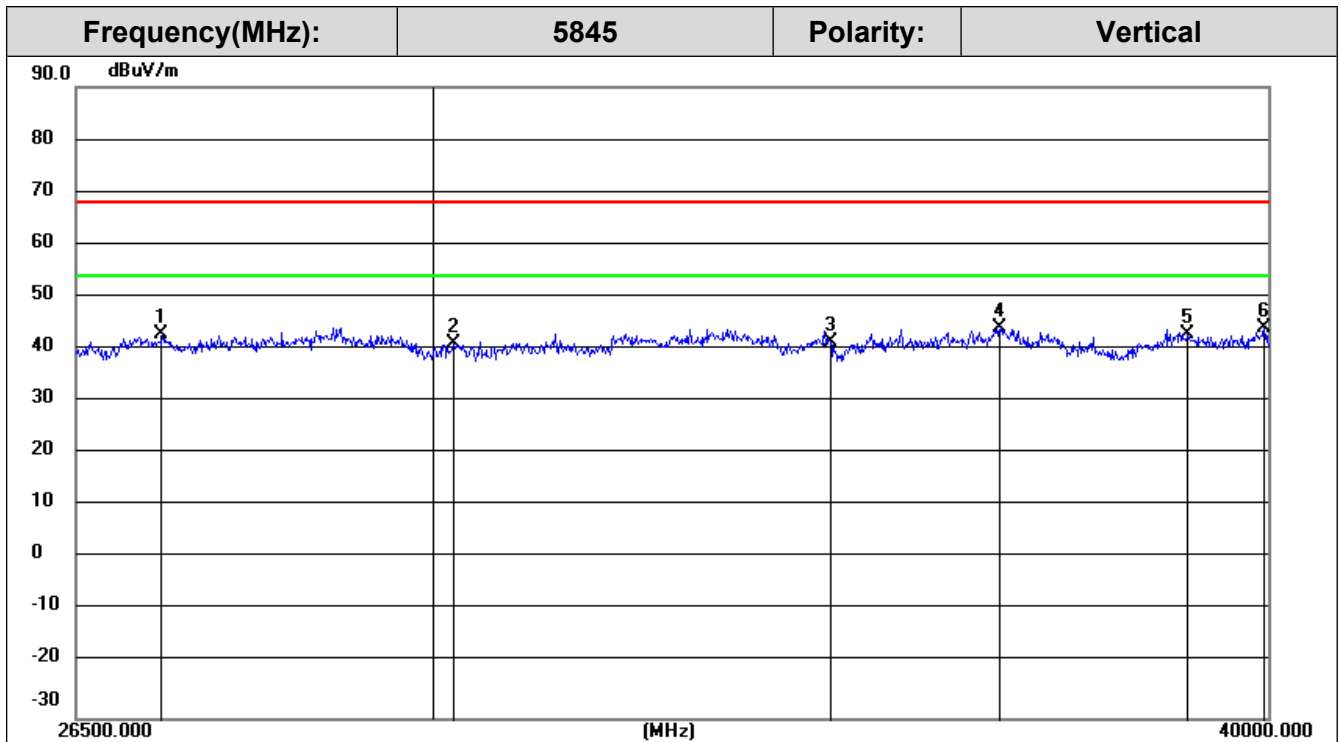
Filter is used

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27025.598	56.38	-14.75	41.63	68.20	-26.57	peak
2	28645.712	56.82	-14.64	42.18	68.20	-26.02	peak
3	32565.685	57.21	-13.93	43.28	68.20	-24.92	peak
4	35253.304	55.38	-12.88	42.50	68.20	-25.70	peak
5	38173.729	54.99	-12.45	42.54	68.20	-25.66	peak
6	39186.562	56.84	-12.11	44.73	68.20	-23.47	peak



Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

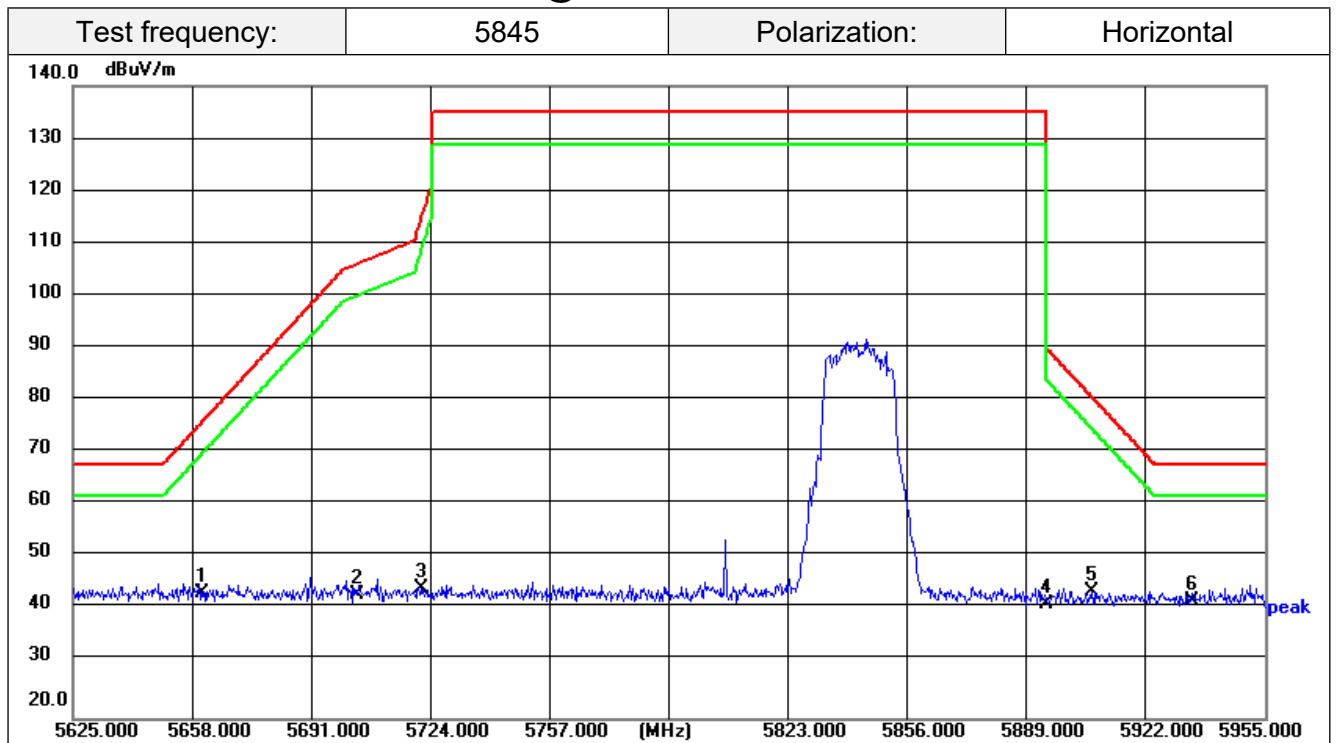
Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	27309.716	57.71	-14.65	43.06	68.20	-25.14	peak
2	30204.594	56.26	-14.90	41.36	68.20	-26.84	peak
3	34397.321	54.48	-12.81	41.67	68.20	-26.53	peak
4	36481.875	57.49	-13.25	44.24	68.20	-23.96	peak
5	38914.836	55.32	-12.13	43.19	68.20	-25.01	peak
6	39958.848	55.14	-10.93	44.21	68.20	-23.99	peak

Radiated Emission Band Edge Test Plots of U-NII 4

Note: Pre-scan all WIFI operation mode, only worse case reported as bellow:

U-NII 4 @ 802.11a mode antenna 1



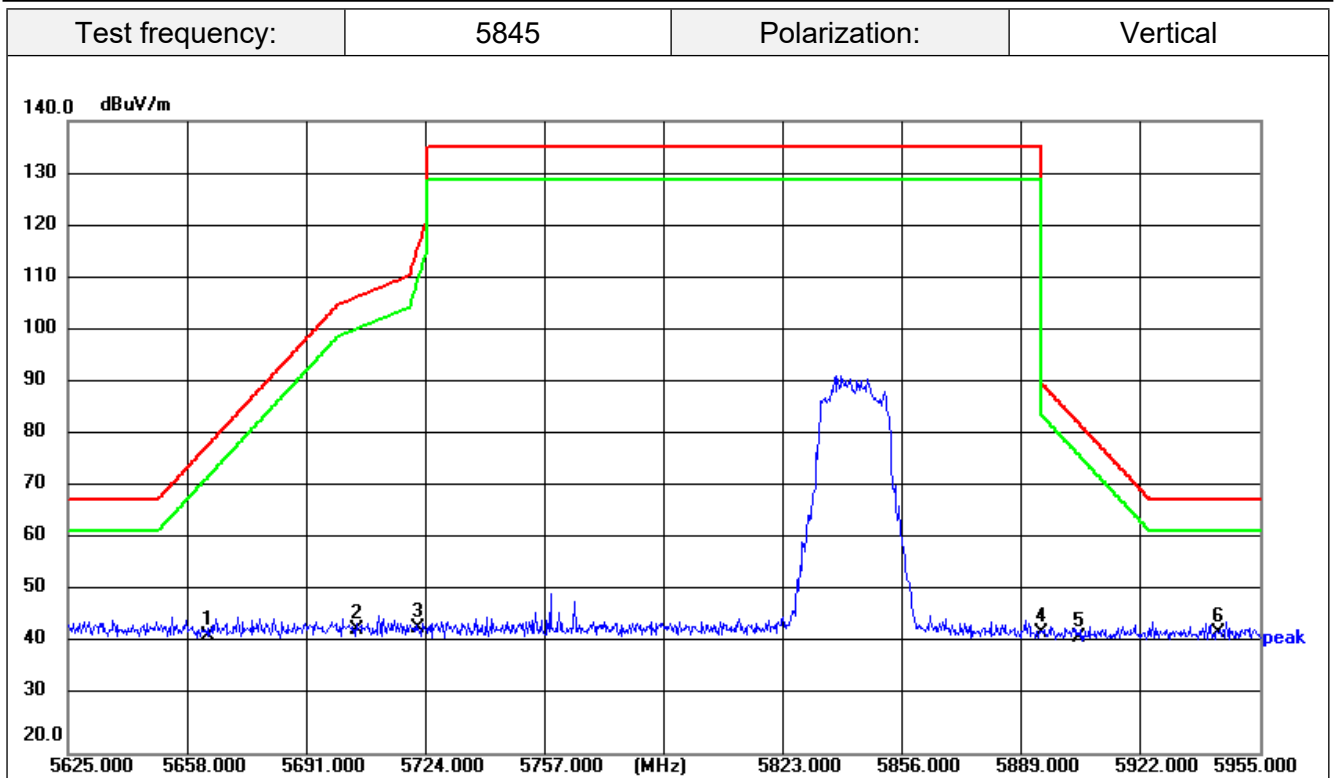
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5661.247	44.99	-0.94	44.05	76.52	-32.47	peak
2	5703.902	44.64	-0.91	43.73	106.29	-62.56	peak
3	5721.815	45.82	-0.89	44.93	114.94	-70.01	peak
4	5895.000	42.52	-0.74	41.78	90.20	-48.42	peak
5	5907.211	44.82	-0.73	44.09	81.25	-37.16	peak
6	5935.454	43.03	-0.71	42.32	68.20	-25.88	peak



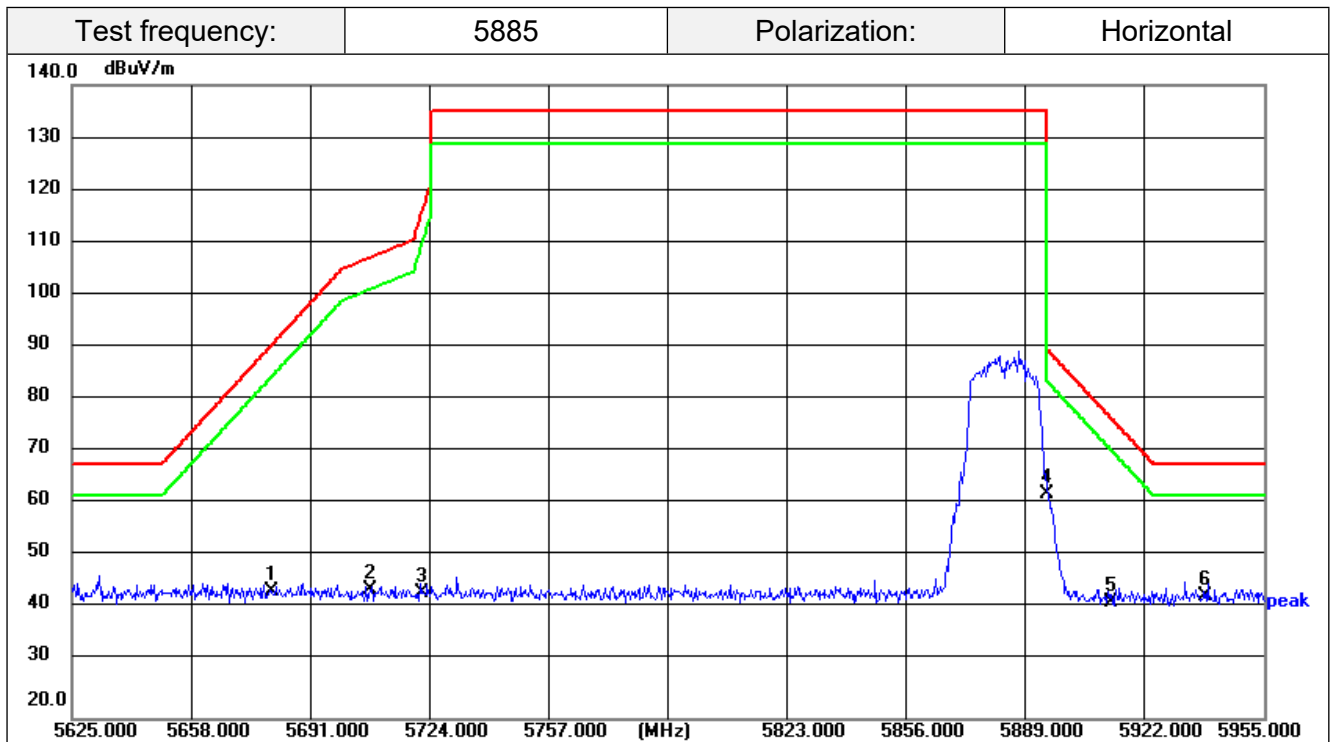
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5664.260	43.30	-0.94	42.36	78.75	-36.39	peak
2	5705.419	44.63	-0.91	43.72	106.72	-63.00	peak
3	5722.250	44.87	-0.89	43.98	115.93	-71.95	peak
4	5895.000	43.75	-0.74	43.01	90.20	-47.19	peak
5	5905.302	42.79	-0.73	42.06	82.65	-40.59	peak
6	5943.694	43.57	-0.69	42.88	68.20	-25.32	peak



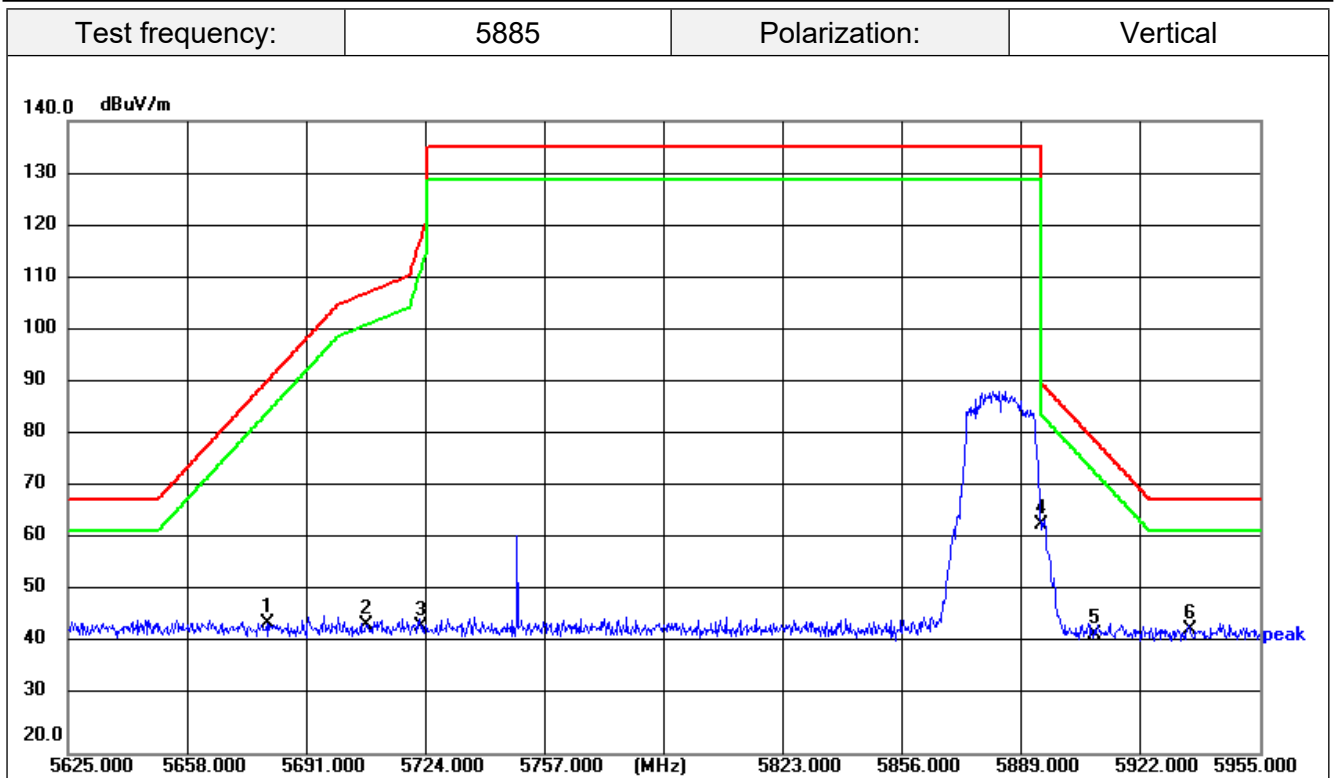
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5680.429	45.09	-0.92	44.17	90.72	-46.55	peak
2	5707.697	45.34	-0.91	44.43	107.36	-62.93	peak
3	5722.141	44.75	-0.89	43.86	115.68	-71.82	peak
4	5889.000	63.46	-0.74	62.72	90.20	-27.48	peak
5	5913.275	42.95	-0.72	42.23	76.80	-34.57	peak
6	5939.065	43.89	-0.71	43.18	68.20	-25.02	peak



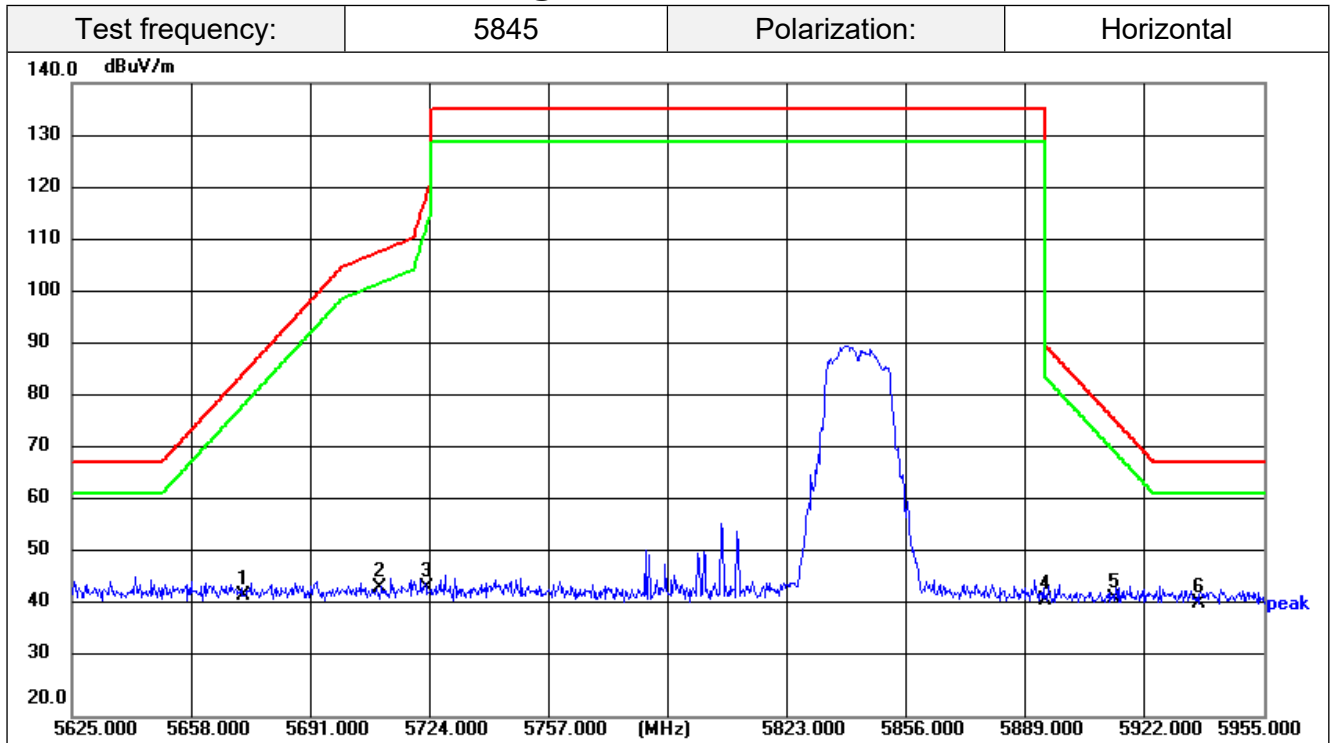
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5680.429	45.59	-0.92	44.67	90.72	-46.05	peak
2	5707.913	45.45	-0.91	44.54	107.42	-62.88	peak
3	5723.228	45.08	-0.89	44.19	118.16	-73.97	peak
4	5895.000	64.39	-0.74	63.65	90.20	-26.55	peak
5	5909.681	43.56	-0.72	42.84	79.43	-36.59	peak
6	5935.680	44.18	-0.71	43.47	68.20	-24.73	peak

U-NII 4 @ 802.11n(HT20) MIMO mode


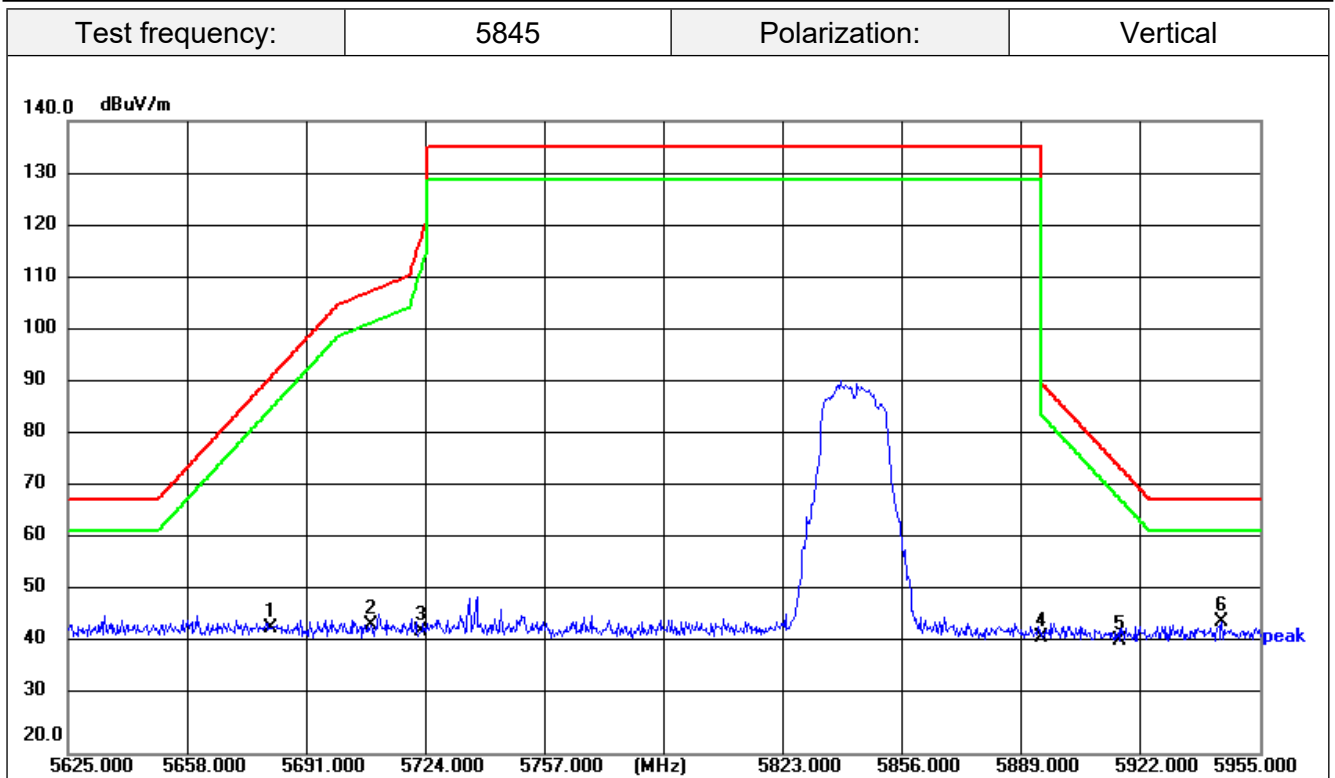
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5672.877	43.86	-0.94	42.92	85.13	-42.21	peak
2	5710.517	45.46	-0.90	44.56	108.14	-63.58	peak
3	5723.337	45.47	-0.89	44.58	118.41	-73.83	peak
4	5895.000	42.89	-0.74	42.15	90.20	-48.05	peak
5	5913.950	43.26	-0.72	42.54	76.30	-33.76	peak
6	5937.034	42.32	-0.71	41.61	68.20	-26.59	peak



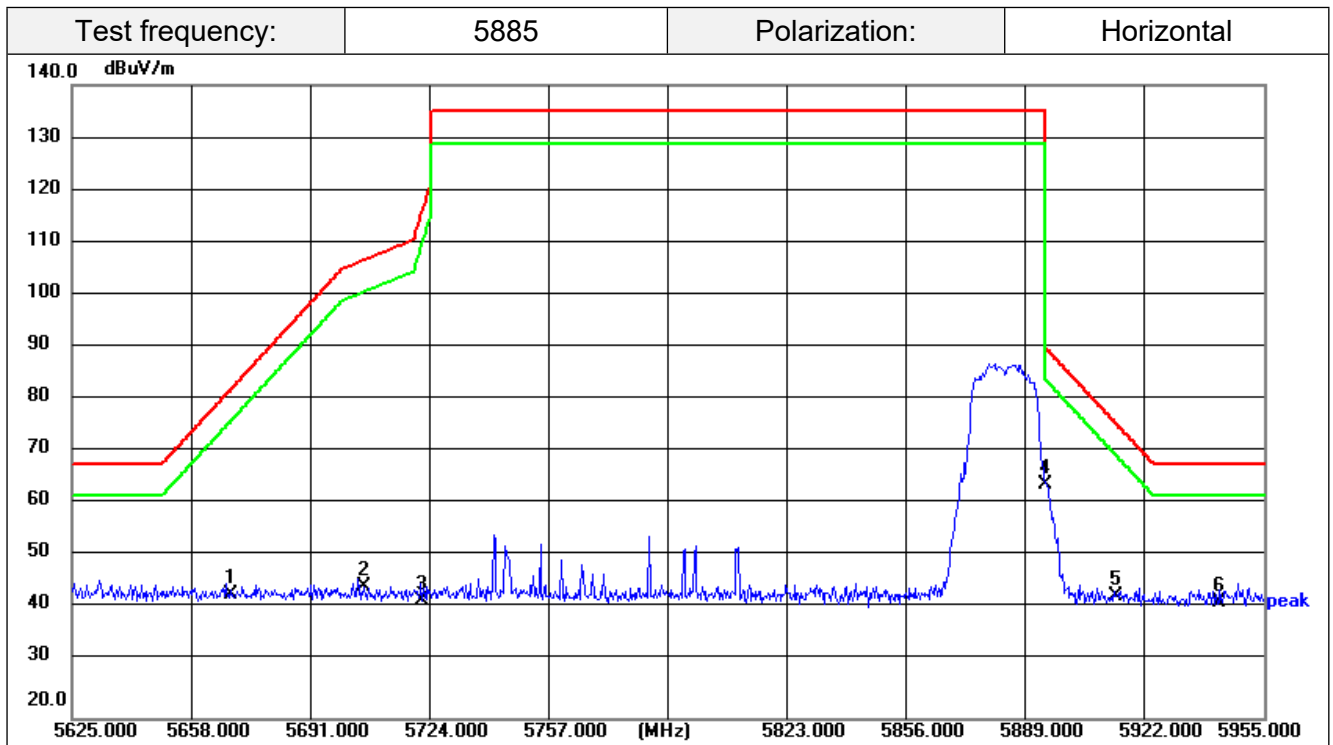
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.508	44.81	-0.92	43.89	91.52	-47.63	peak
2	5708.890	45.42	-0.90	44.52	107.69	-63.17	peak
3	5723.119	44.10	-0.89	43.21	117.91	-74.70	peak
4	5895.000	42.86	-0.74	42.12	90.20	-48.08	peak
5	5916.423	42.11	-0.72	41.39	74.49	-33.10	peak
6	5944.485	45.71	-0.69	45.02	68.20	-23.18	peak



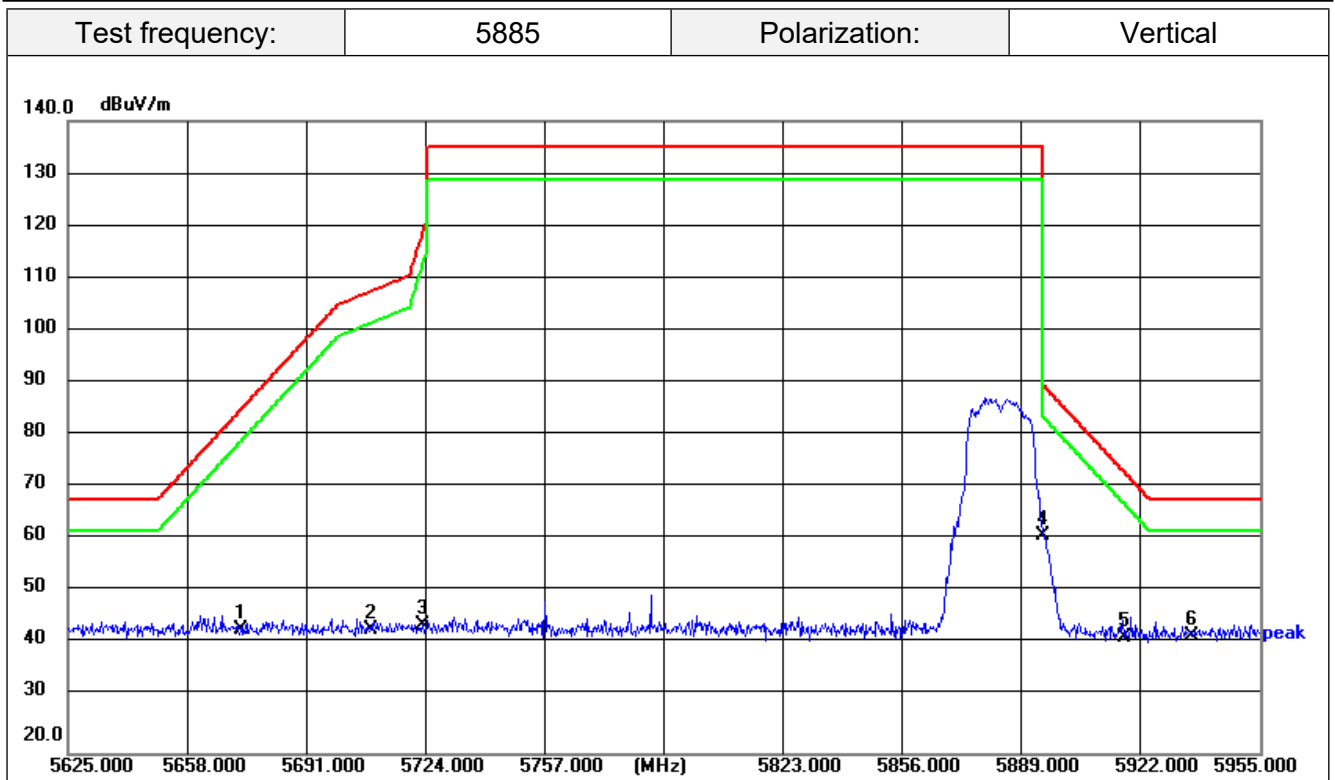
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5669.644	44.66	-0.94	43.72	82.74	-39.02	peak
2	5706.070	46.13	-0.91	45.22	106.90	-61.68	peak
3	5722.250	43.36	-0.89	42.47	115.93	-73.46	peak
4	5895.000	65.13	-0.74	64.39	90.20	-25.81	peak
5	5914.400	43.94	-0.72	43.22	75.97	-32.75	peak
6	5942.678	42.70	-0.69	42.01	68.20	-26.19	peak



Remark:

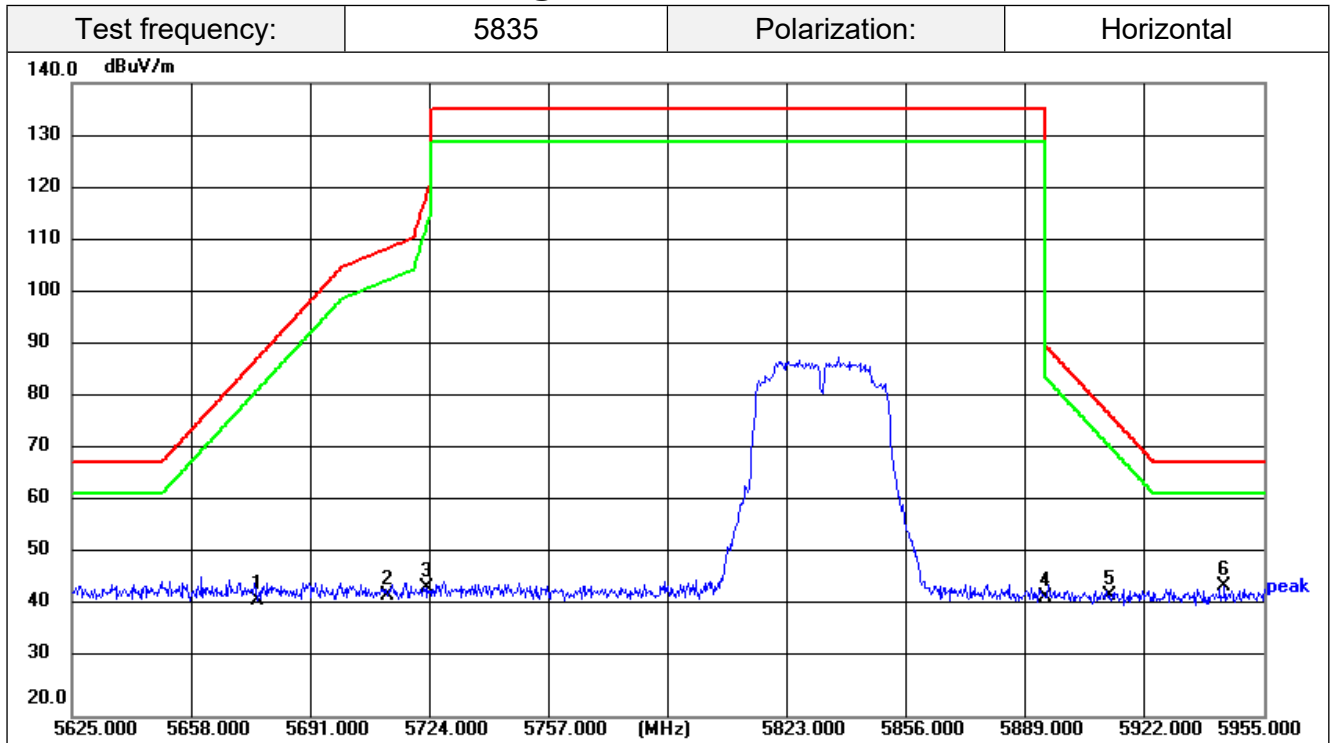
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5673.093	44.60	-0.94	43.66	85.29	-41.63	peak
2	5708.890	44.63	-0.90	43.73	107.69	-63.96	peak
3	5723.663	45.29	-0.89	44.40	119.15	-74.75	peak
4	5895.000	62.14	-0.74	61.40	90.20	-28.80	peak
5	5917.435	42.79	-0.72	42.07	73.75	-31.68	peak
6	5936.244	43.01	-0.71	42.30	68.20	-25.90	peak

U-NII 4 @ 802.11n(HT40) MIMO mode



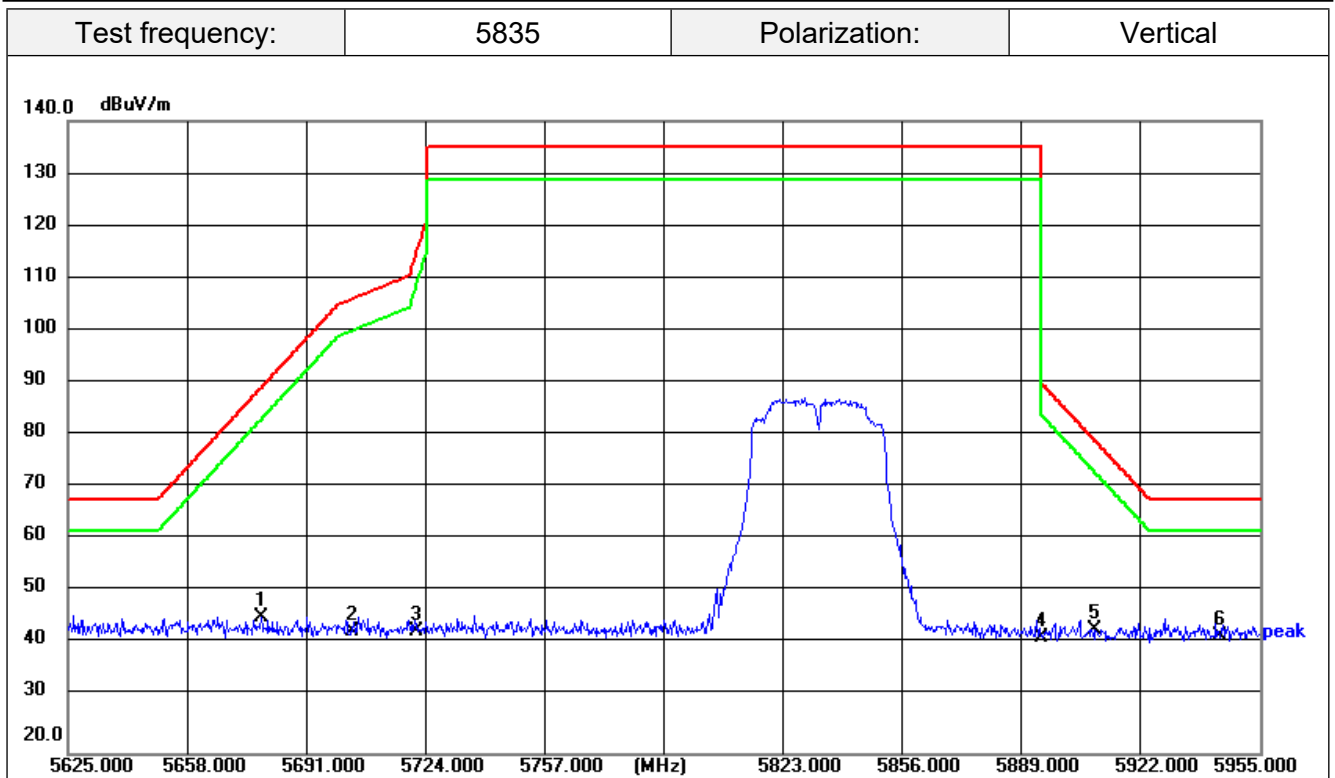
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5676.760	42.95	-0.92	42.03	88.00	-45.97	peak
2	5712.471	43.87	-0.89	42.98	108.69	-65.71	peak
3	5723.337	45.45	-0.89	44.56	118.41	-73.85	peak
4	5895.000	43.34	-0.74	42.60	90.20	-47.60	peak
5	5912.152	43.60	-0.72	42.88	77.62	-34.74	peak
6	5944.146	45.58	-0.69	44.89	68.20	-23.31	peak



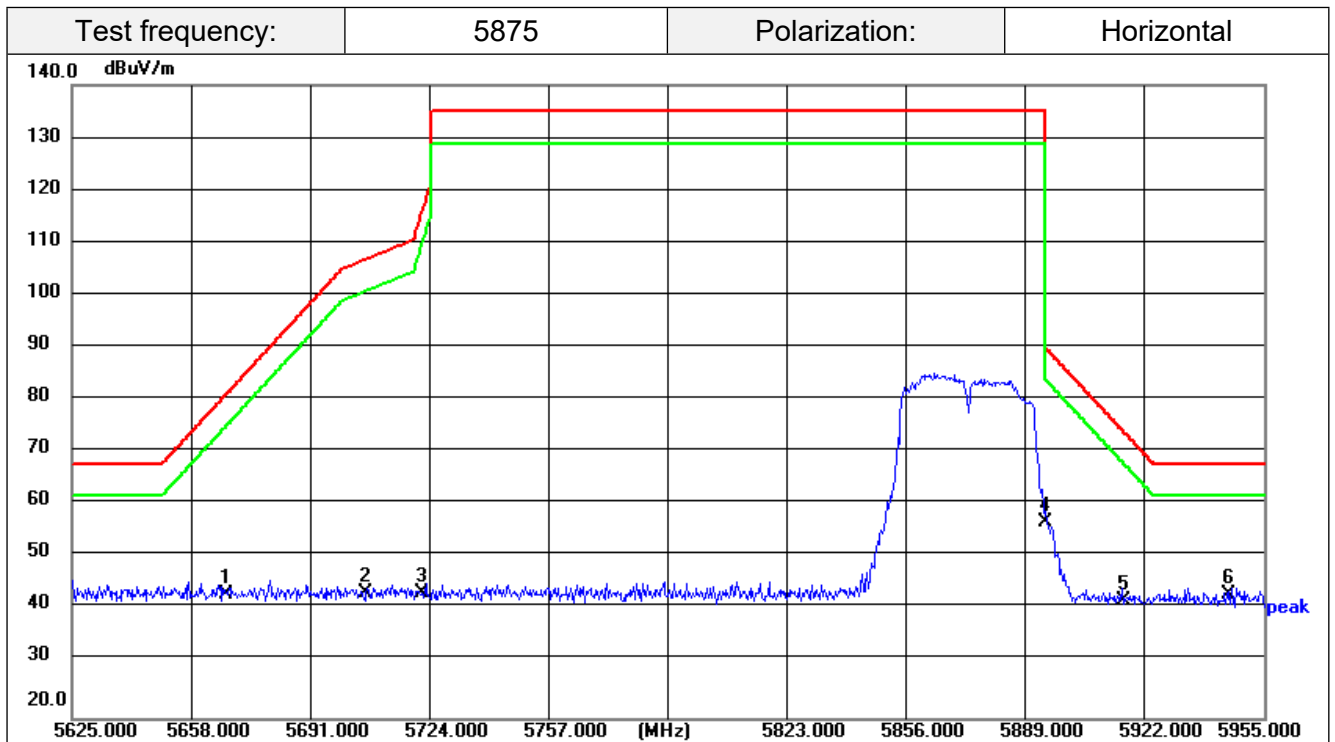
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5678.594	47.03	-0.92	46.11	89.36	-43.25	peak
2	5703.902	44.33	-0.91	43.42	106.29	-62.87	peak
3	5722.032	44.35	-0.89	43.46	115.43	-71.97	peak
4	5895.000	42.93	-0.74	42.19	90.20	-48.01	peak
5	5909.569	44.29	-0.72	43.57	79.52	-35.95	peak
6	5943.807	43.24	-0.69	42.55	68.20	-25.65	peak



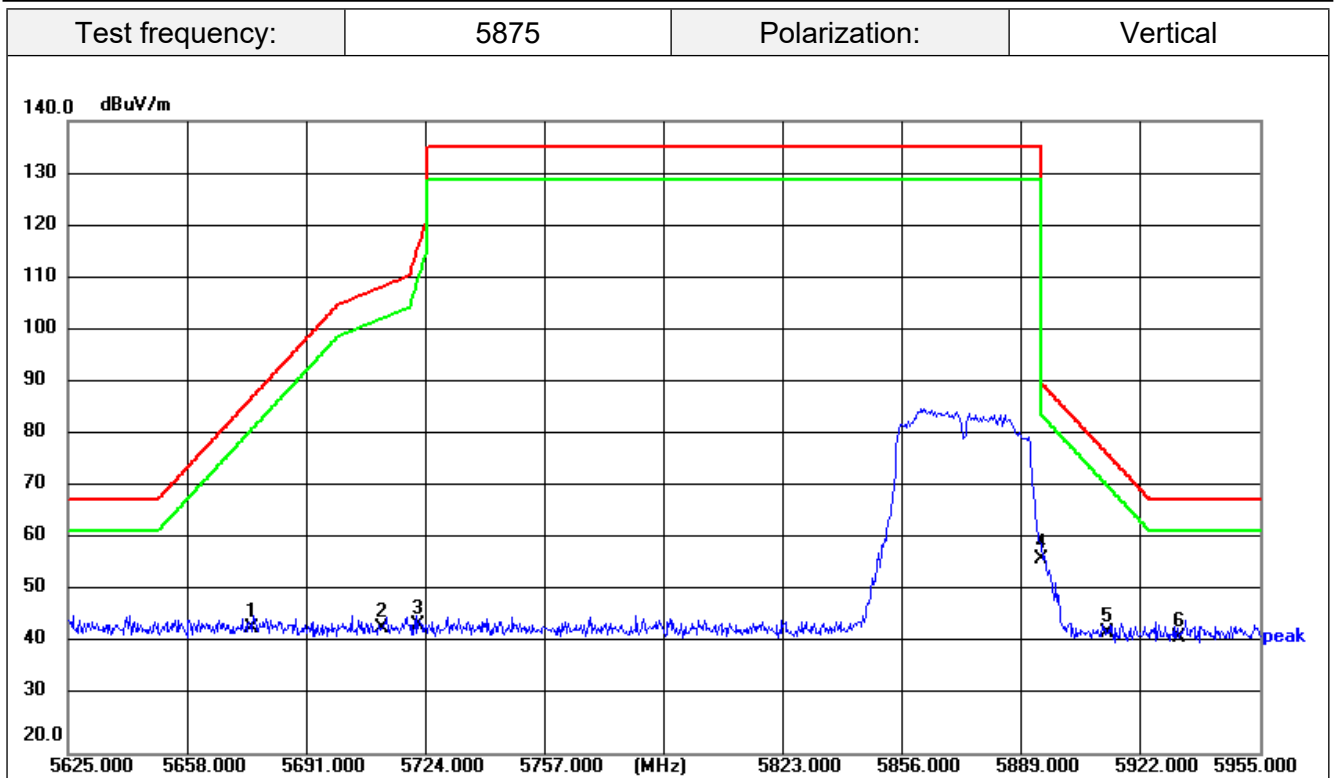
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5668.351	44.45	-0.94	43.51	81.78	-38.27	peak
2	5706.829	44.70	-0.91	43.79	107.11	-63.32	peak
3	5722.250	44.73	-0.89	43.84	115.93	-72.09	peak
4	5895.000	58.05	-0.74	57.31	90.20	-32.89	peak
5	5916.535	43.17	-0.72	42.45	74.41	-31.96	peak
6	5945.728	44.40	-0.69	43.71	68.20	-24.49	peak



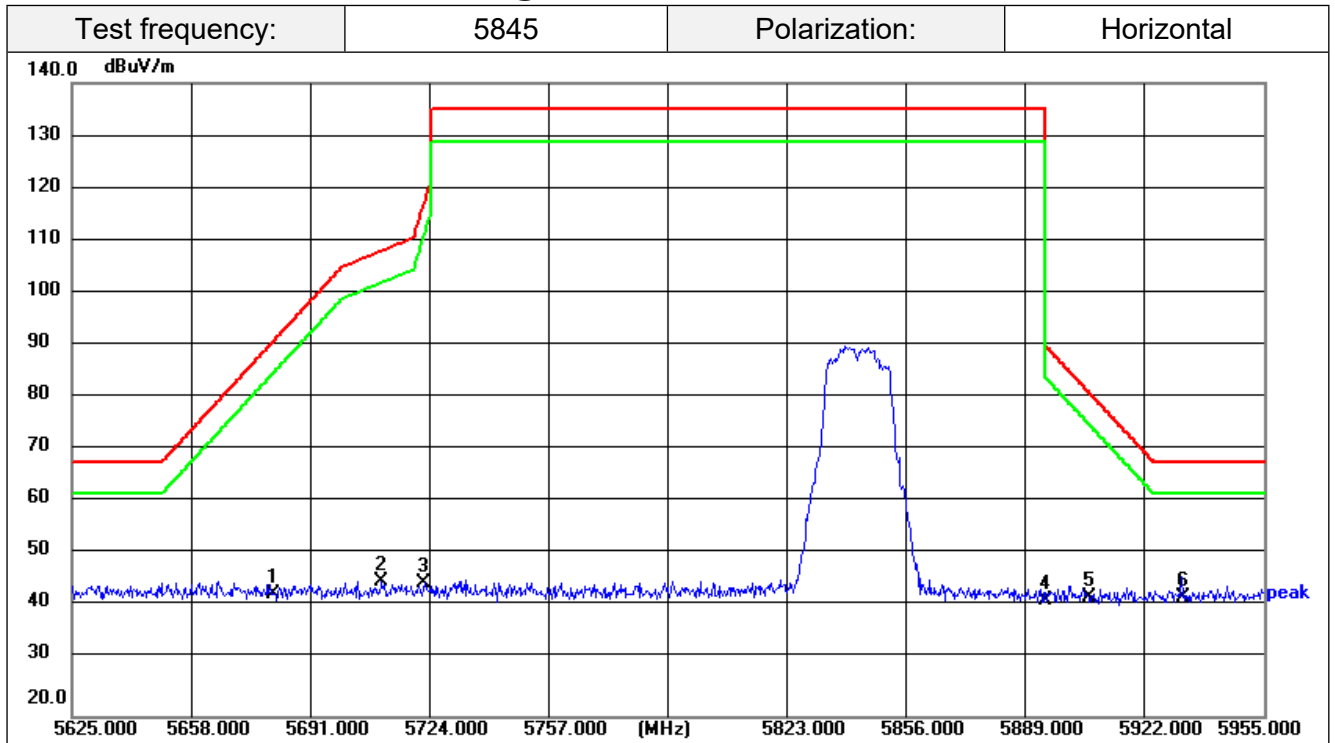
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5676.220	44.89	-0.92	43.97	87.60	-43.63	peak
2	5712.037	44.76	-0.89	43.87	108.57	-64.70	peak
3	5722.250	45.27	-0.89	44.38	115.93	-71.55	peak
4	5895.000	57.81	-0.74	57.07	90.20	-33.13	peak
5	5913.163	43.83	-0.72	43.11	76.88	-33.77	peak
6	5932.748	42.84	-0.71	42.13	68.20	-26.07	peak

U-NII 4 @ 802.11ac(VHT20) MIMO mode


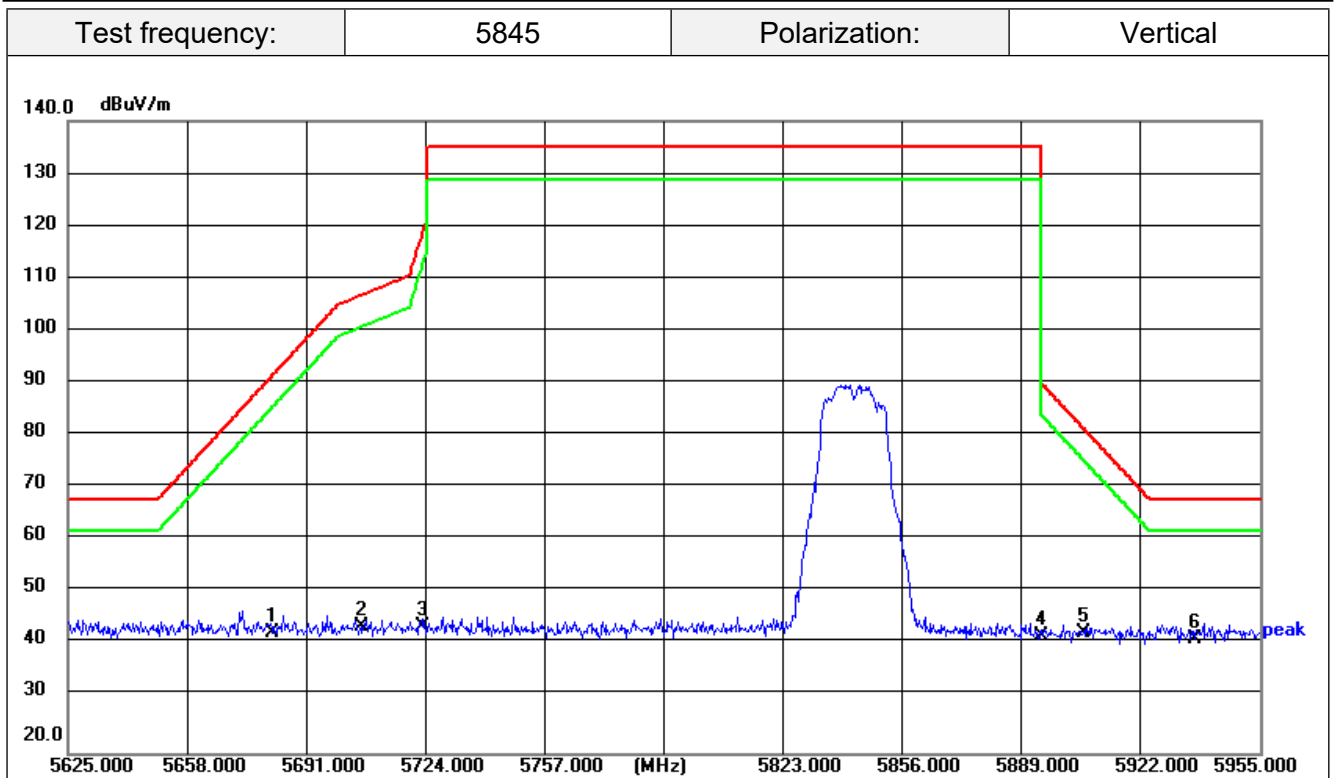
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.400	44.24	-0.92	43.32	91.44	-48.12	peak
2	5710.952	46.65	-0.90	45.75	108.27	-62.52	peak
3	5722.793	46.32	-0.89	45.43	117.17	-71.74	peak
4	5895.000	42.76	-0.74	42.02	90.20	-48.18	peak
5	5906.537	43.57	-0.73	42.84	81.74	-38.90	peak
6	5932.861	43.49	-0.71	42.78	68.20	-25.42	peak



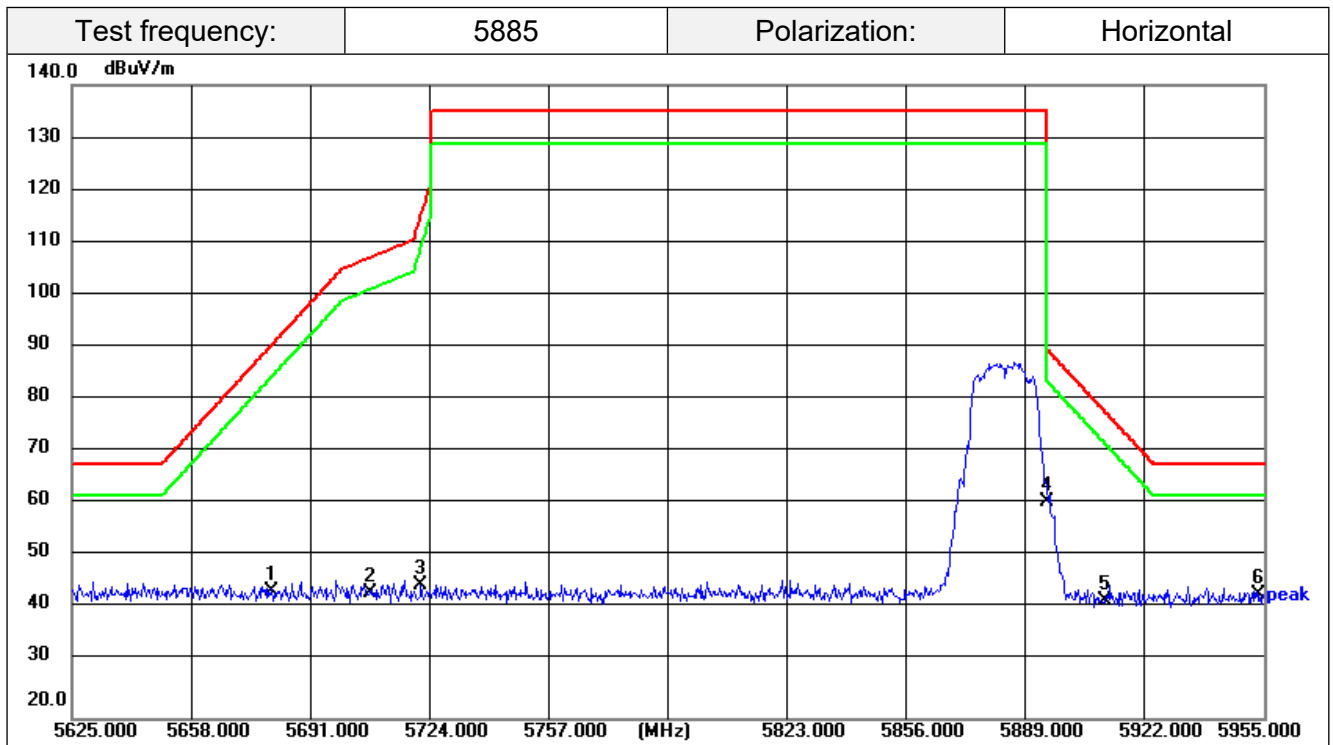
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.832	43.93	-0.92	43.01	91.76	-48.75	peak
2	5706.287	45.05	-0.91	44.14	106.96	-62.82	peak
3	5723.555	45.24	-0.89	44.35	118.91	-74.56	peak
4	5895.000	43.19	-0.74	42.45	90.20	-47.75	peak
5	5906.313	43.62	-0.73	42.89	81.90	-39.01	peak
6	5936.921	42.60	-0.71	41.89	68.20	-26.31	peak



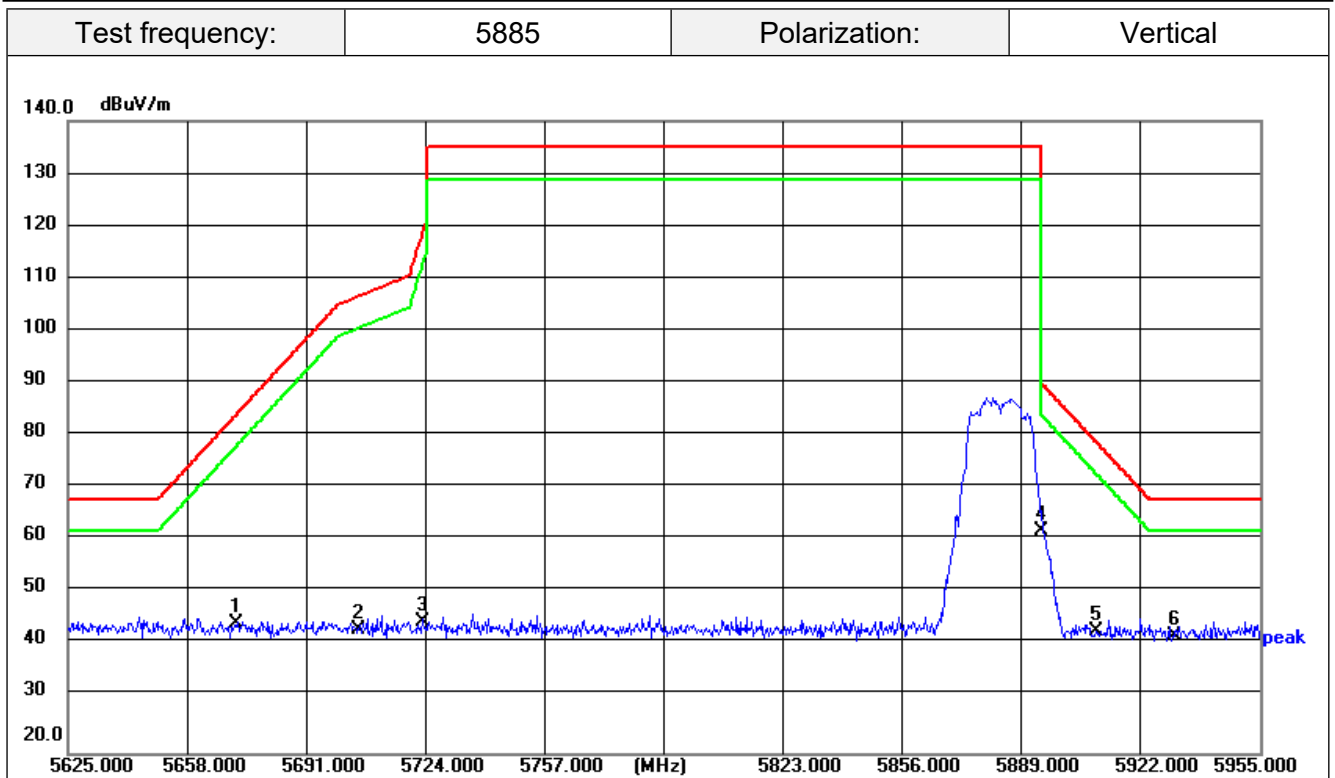
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5680.321	45.21	-0.92	44.29	90.64	-46.35	peak
2	5707.805	44.84	-0.91	43.93	107.39	-63.46	peak
3	5721.815	46.16	-0.89	45.27	114.94	-69.67	peak
4	5895.000	61.97	-0.74	61.23	90.20	-28.97	peak
5	5911.366	43.01	-0.72	42.29	78.20	-35.91	peak
6	5953.981	44.21	-0.69	43.52	68.20	-24.68	peak



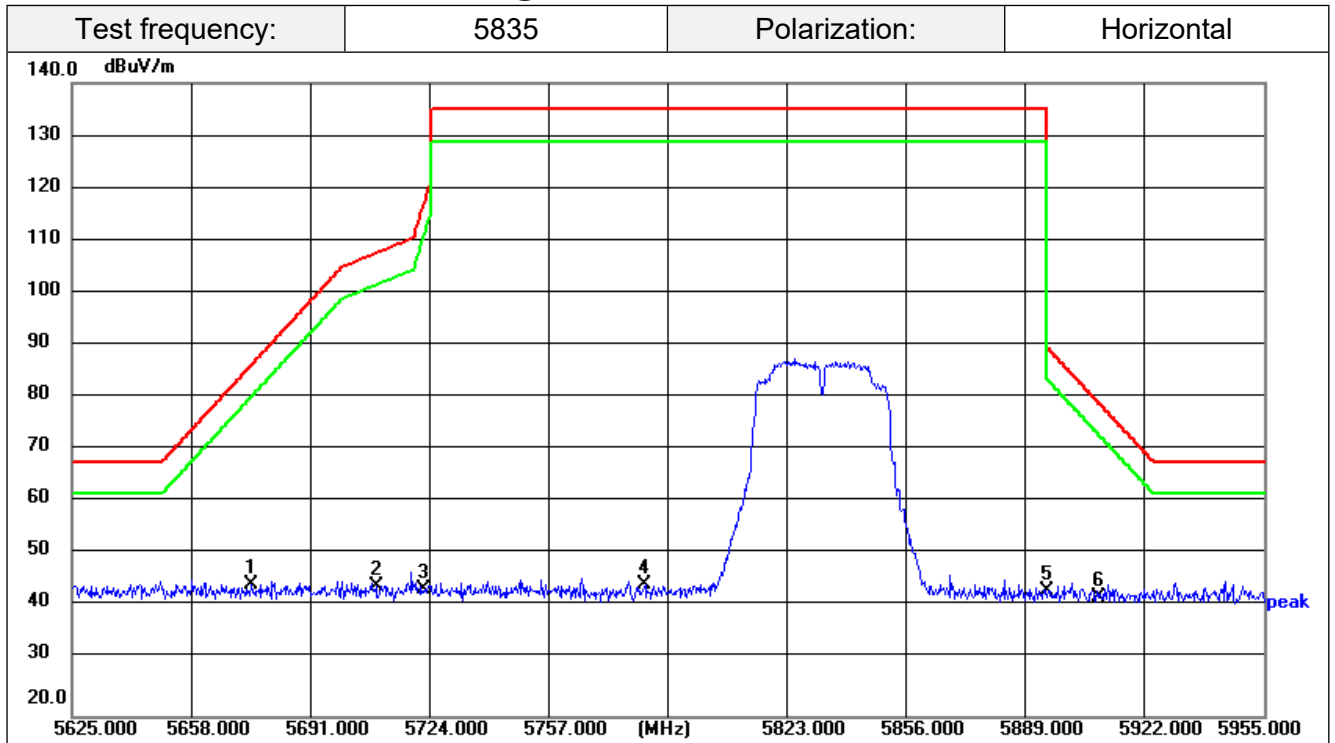
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5671.907	45.83	-0.94	44.89	84.41	-39.52	peak
2	5705.636	44.39	-0.91	43.48	106.78	-63.30	peak
3	5723.555	45.87	-0.89	44.98	118.91	-73.93	peak
4	5895.000	63.13	-0.74	62.39	90.20	-27.81	peak
5	5910.018	44.08	-0.72	43.36	79.19	-35.83	peak
6	5931.508	43.05	-0.71	42.34	68.20	-25.86	peak

U-NII 4 @ 802.11ac(VHT40) MIMO mode


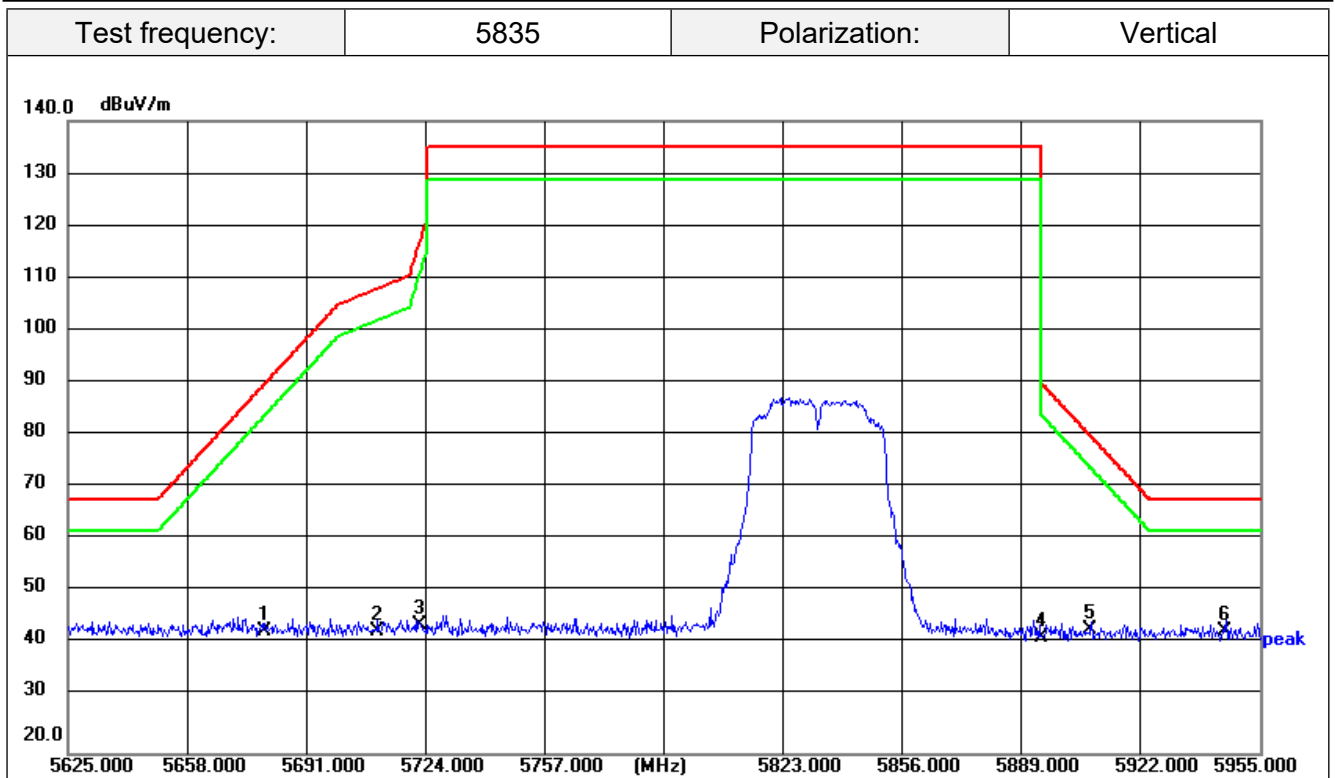
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5675.142	45.90	-0.92	44.98	86.81	-41.83	peak
2	5709.324	45.70	-0.90	44.80	107.81	-63.01	peak
3	5722.902	45.09	-0.89	44.20	117.42	-73.22	peak
4	5783.910	45.99	-0.84	45.15	135.00	-89.85	peak
5	5895.000	44.63	-0.74	43.89	90.20	-46.31	peak
6	5909.232	43.45	-0.72	42.73	79.76	-37.03	peak



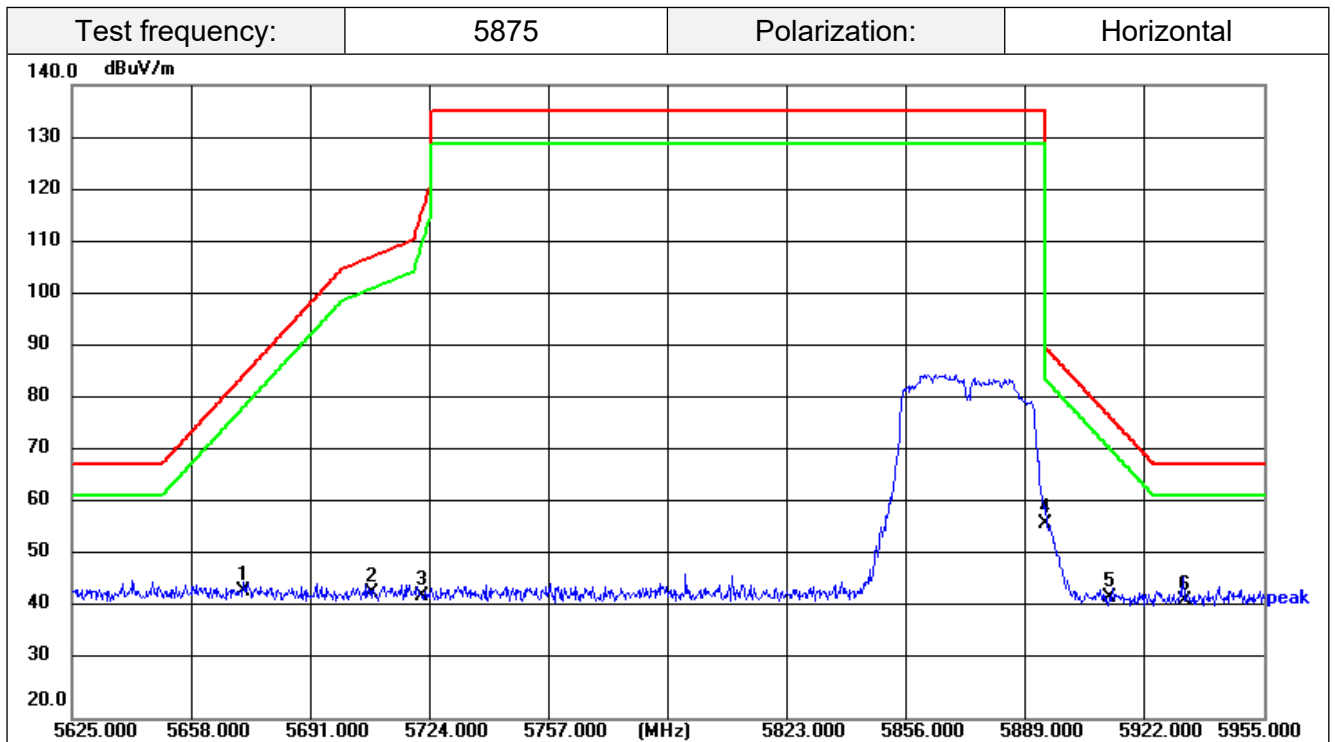
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5679.889	44.09	-0.92	43.17	90.32	-47.15	peak
2	5710.626	44.23	-0.90	43.33	108.18	-64.85	peak
3	5722.902	45.26	-0.89	44.37	117.42	-73.05	peak
4	5895.000	42.74	-0.74	42.00	90.20	-48.20	peak
5	5908.221	44.35	-0.72	43.63	80.50	-36.87	peak
6	5945.614	44.01	-0.69	43.32	68.20	-24.88	peak



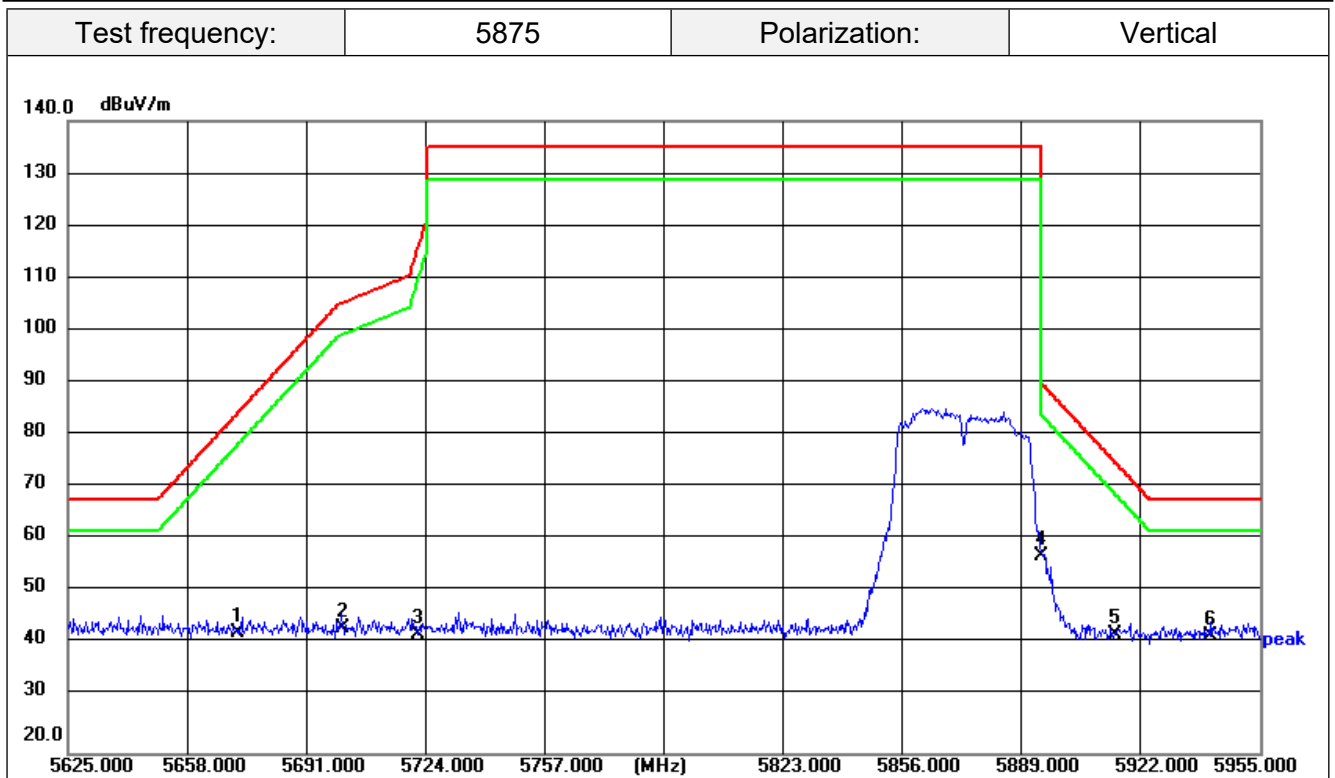
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5672.985	45.02	-0.94	44.08	85.21	-41.13	peak
2	5708.347	44.94	-0.90	44.04	107.54	-63.50	peak
3	5722.141	44.06	-0.89	43.17	115.68	-72.51	peak
4	5895.000	57.80	-0.74	57.06	90.20	-33.14	peak
5	5912.489	43.67	-0.72	42.95	77.37	-34.42	peak
6	5932.974	43.13	-0.71	42.42	68.20	-25.78	peak



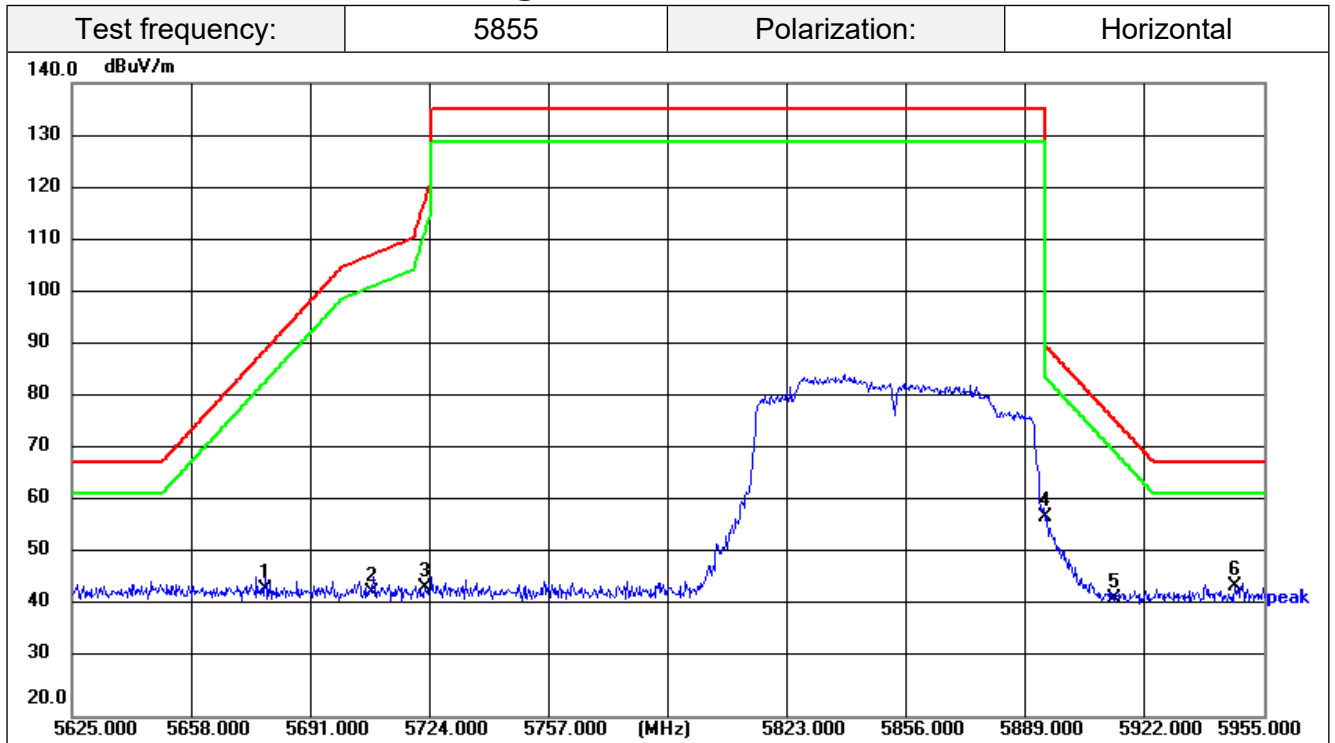
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5672.446	44.08	-0.94	43.14	84.81	-41.67	peak
2	5701.193	44.82	-0.91	43.91	105.53	-61.62	peak
3	5722.141	43.76	-0.89	42.87	115.68	-72.81	peak
4	5895.000	58.21	-0.74	57.47	90.20	-32.73	peak
5	5914.962	43.51	-0.72	42.79	75.56	-32.77	peak
6	5941.210	43.25	-0.71	42.54	68.20	-25.66	peak

U-NII 4 @ 802.11ac(VHT80) MIMO mode


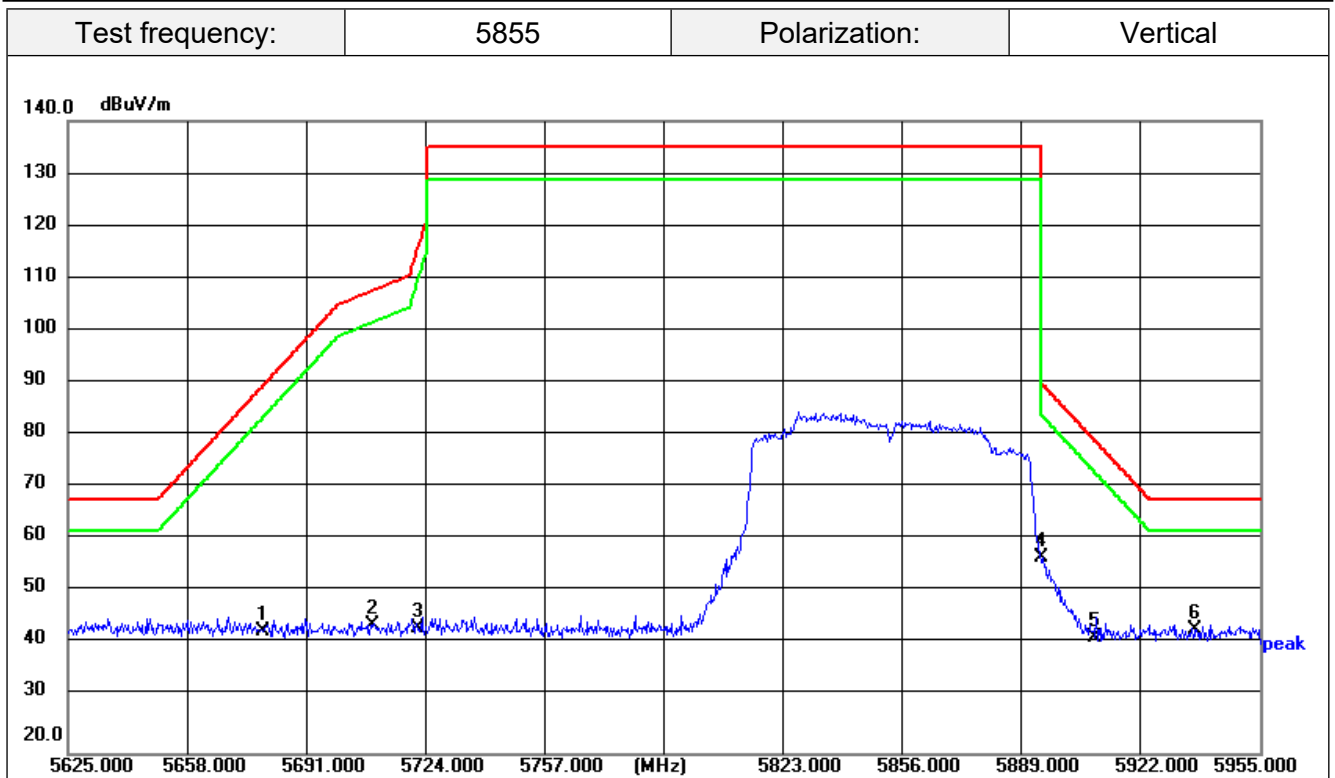
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5679.025	45.06	-0.92	44.14	89.68	-45.54	peak
2	5708.347	44.54	-0.90	43.64	107.54	-63.90	peak
3	5722.685	45.46	-0.89	44.57	116.92	-72.35	peak
4	5895.000	58.61	-0.74	57.87	90.20	-32.33	peak
5	5913.725	43.07	-0.72	42.35	76.47	-34.12	peak
6	5947.310	45.49	-0.69	44.80	68.20	-23.40	peak



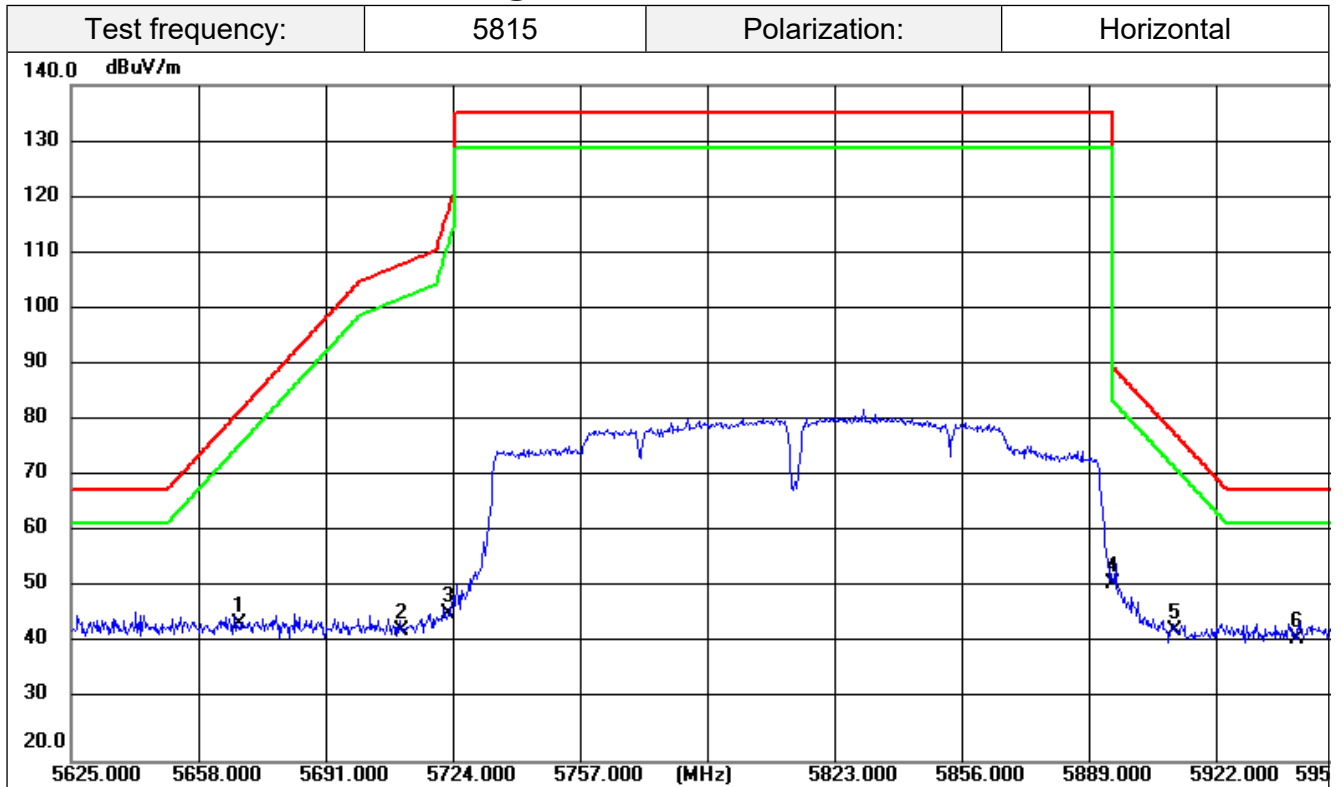
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5679.133	44.11	-0.92	43.19	89.76	-46.57	peak
2	5709.541	45.52	-0.90	44.62	107.87	-63.25	peak
3	5722.250	44.81	-0.89	43.92	115.93	-72.01	peak
4	5895.000	58.16	-0.74	57.42	90.20	-32.78	peak
5	5909.681	42.91	-0.72	42.19	79.43	-37.24	peak
6	5937.260	44.35	-0.71	43.64	68.20	-24.56	peak

U-NII 4 @ 802.11ac(VHT160) MIMO mode


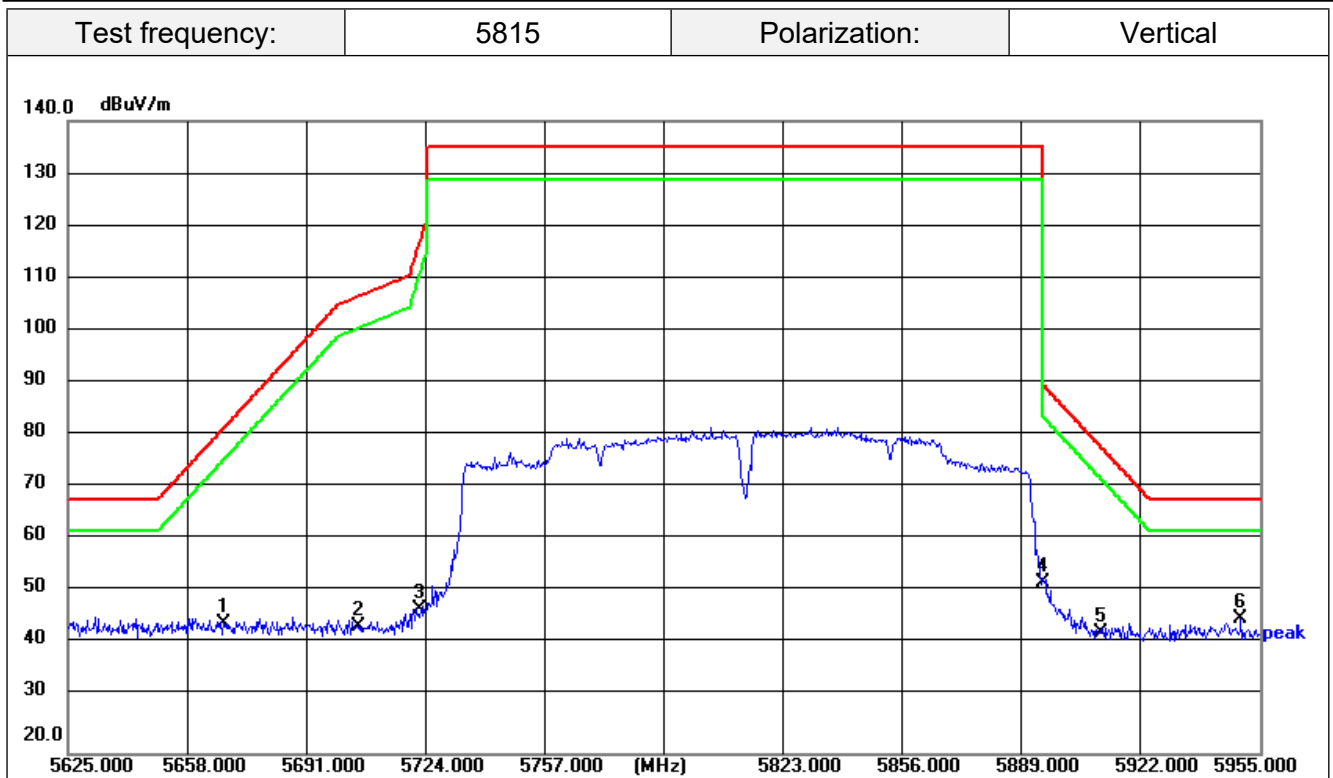
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5669.213	45.42	-0.94	44.48	82.42	-37.94	peak
2	5711.060	44.21	-0.90	43.31	108.30	-64.99	peak
3	5722.685	47.32	-0.89	46.43	116.92	-70.49	peak
4	5895.000	52.51	-0.74	51.77	90.20	-38.43	peak
5	5911.253	44.07	-0.72	43.35	78.28	-34.93	peak
6	5942.678	42.55	-0.69	41.86	68.20	-26.34	peak



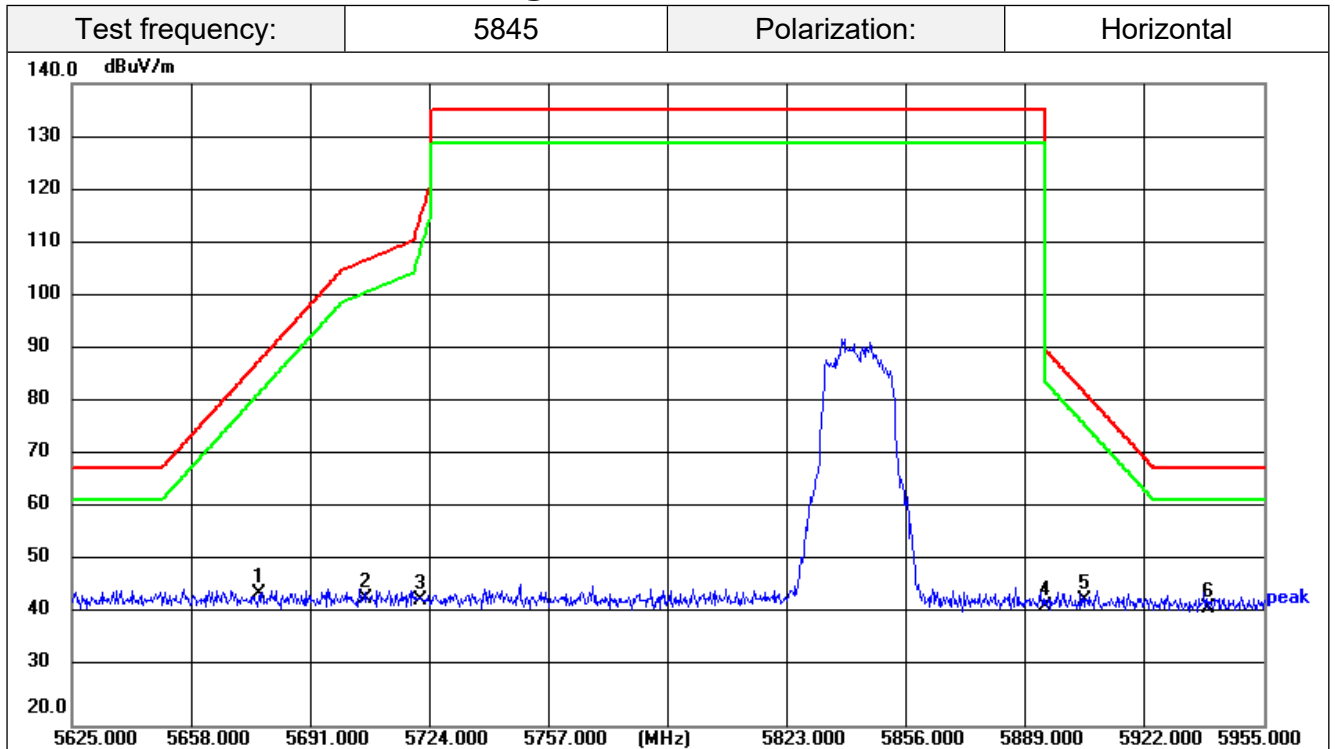
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5668.244	45.78	-0.94	44.84	81.70	-36.86	peak
2	5705.636	45.04	-0.91	44.13	106.78	-62.65	peak
3	5722.902	48.51	-0.89	47.62	117.42	-69.80	peak
4	5895.000	53.34	-0.74	52.60	90.20	-37.60	peak
5	5910.804	43.74	-0.72	43.02	78.61	-35.59	peak
6	5949.910	46.36	-0.69	45.67	68.20	-22.53	peak

U-NII 4 @ 802.11ax(HE20) MIMO mode


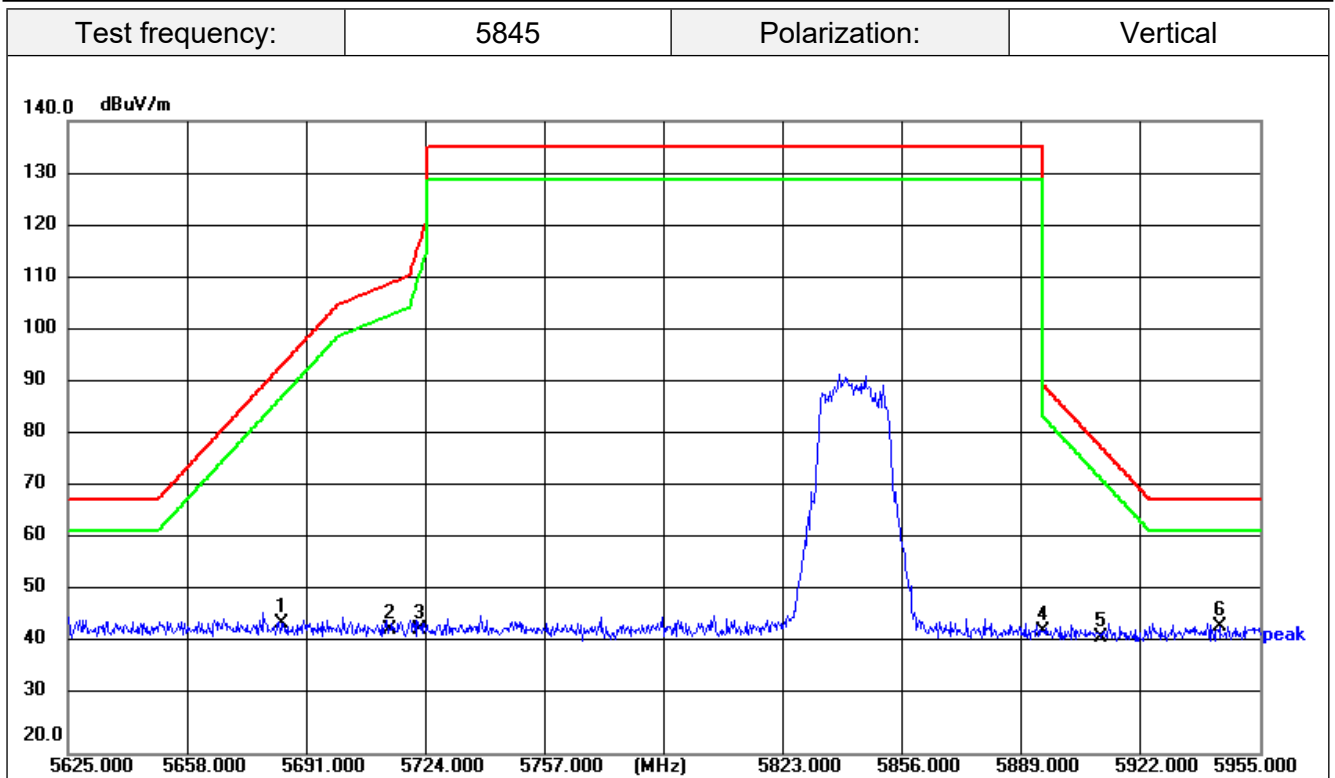
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5677.299	45.86	-0.92	44.94	88.40	-43.46	peak
2	5707.154	44.77	-0.91	43.86	107.20	-63.34	peak
3	5722.032	44.47	-0.89	43.58	115.43	-71.85	peak
4	5895.000	43.19	-0.74	42.45	90.20	-47.75	peak
5	5905.639	44.32	-0.73	43.59	82.40	-38.81	peak
6	5939.855	42.97	-0.71	42.26	68.20	-25.94	peak



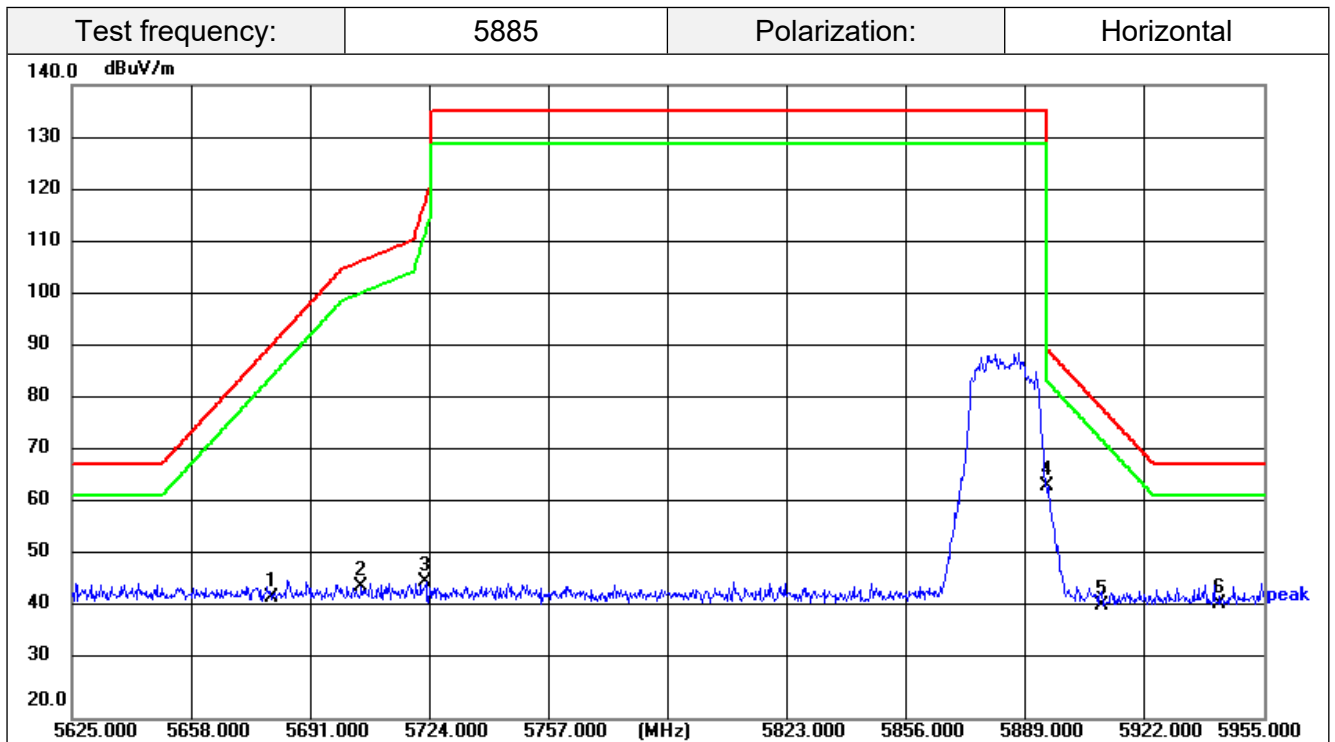
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5684.424	45.62	-0.92	44.70	93.67	-48.97	peak
2	5714.534	44.39	-0.89	43.50	109.27	-65.77	peak
3	5722.793	44.39	-0.89	43.50	117.17	-73.67	peak
4	5895.000	43.99	-0.74	43.25	90.20	-46.95	peak
5	5911.366	42.94	-0.72	42.22	78.20	-35.98	peak
6	5944.033	44.90	-0.69	44.21	68.20	-23.99	peak



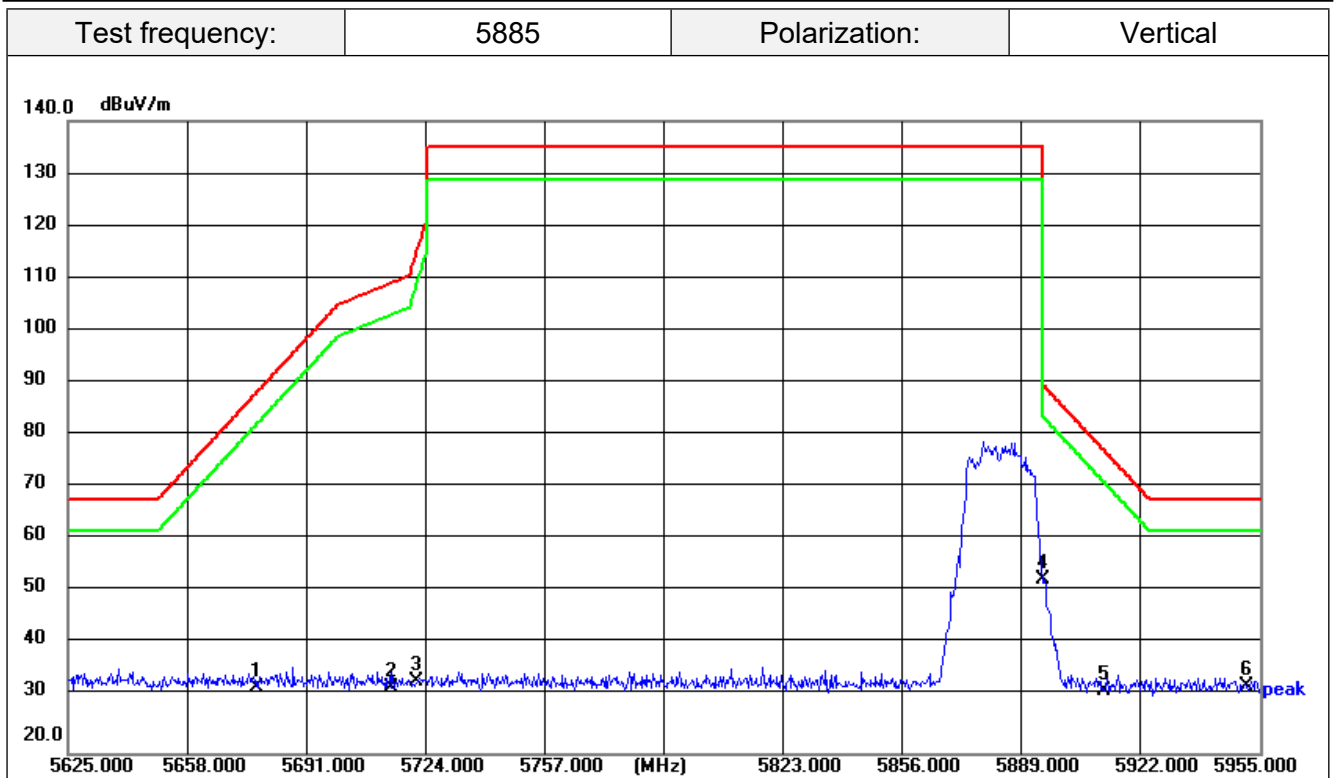
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5680.213	44.07	-0.92	43.15	90.56	-47.41	peak
2	5705.203	45.88	-0.91	44.97	106.66	-61.69	peak
3	5723.119	46.76	-0.89	45.87	117.91	-72.04	peak
4	5895.000	64.92	-0.74	64.18	90.20	-26.02	peak
5	5910.579	42.26	-0.72	41.54	78.78	-37.24	peak
6	5942.678	42.55	-0.69	41.86	68.20	-26.34	peak



Remark:

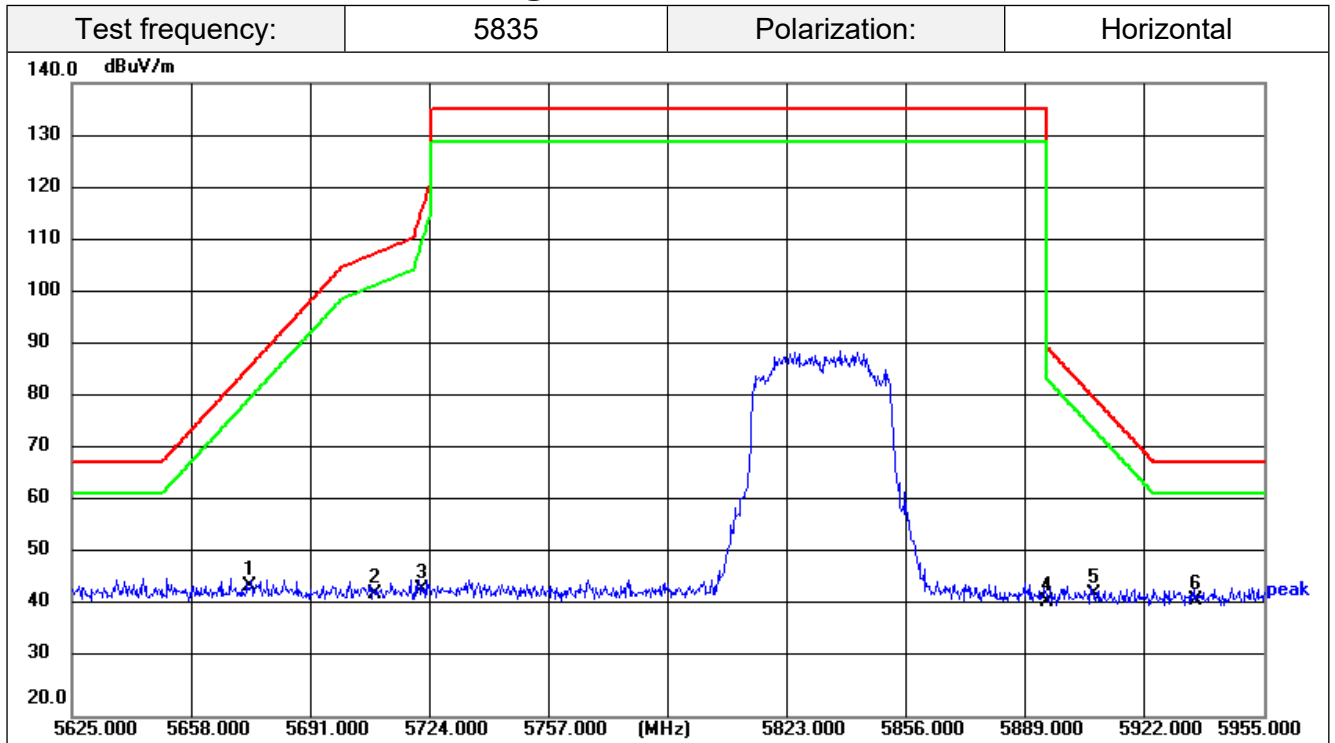
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5678.054	33.56	-0.92	32.64	88.96	-56.32	peak
2	5714.860	33.39	-0.89	32.50	109.36	-76.86	peak
3	5722.032	34.80	-0.89	33.91	115.43	-81.52	peak
4	5895.000	53.93	-0.74	53.19	90.20	-37.01	peak
5	5912.040	32.86	-0.72	32.14	77.70	-45.56	peak
6	5951.380	33.74	-0.69	33.05	68.20	-35.15	peak

U-NII 4 @ 802.11ax(HE40) MIMO mode



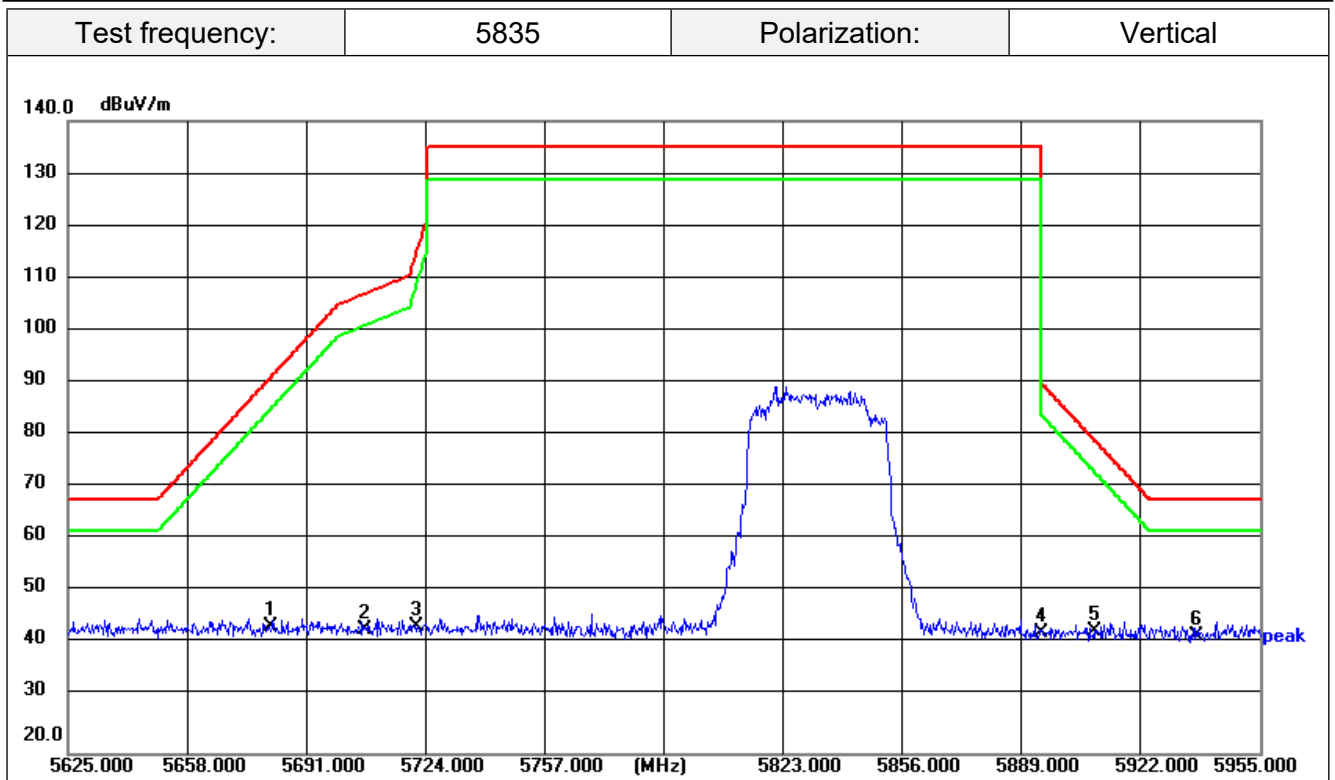
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5674.818	45.82	-0.93	44.89	86.57	-41.68	peak
2	5709.215	44.08	-0.90	43.18	107.78	-64.60	peak
3	5722.141	45.12	-0.89	44.23	115.68	-71.45	peak
4	5895.000	42.61	-0.74	41.87	90.20	-48.33	peak
5	5908.109	44.10	-0.73	43.37	80.59	-37.22	peak
6	5936.470	42.78	-0.71	42.07	68.20	-26.13	peak



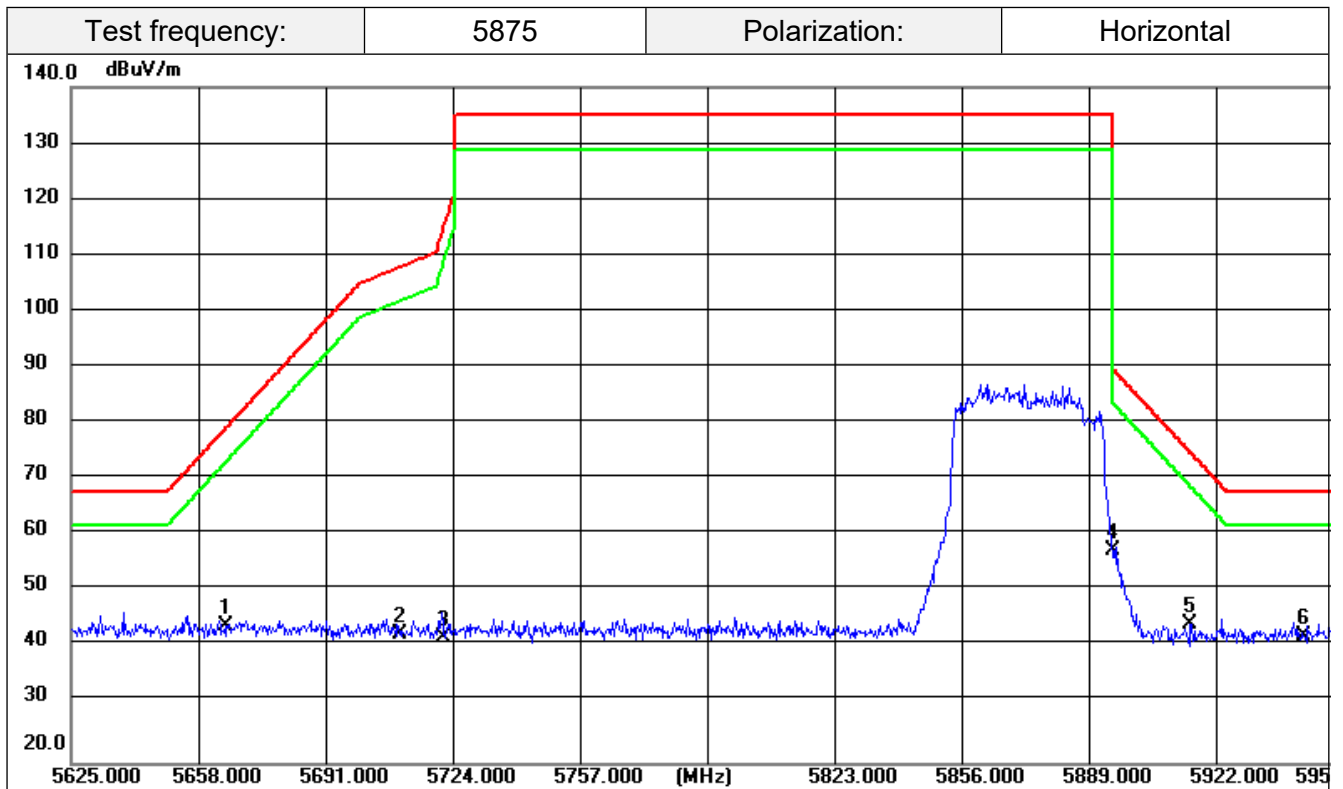
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.724	45.06	-0.92	44.14	91.68	-47.54	peak
2	5707.588	44.61	-0.91	43.70	107.32	-63.62	peak
3	5722.032	45.24	-0.89	44.35	115.43	-71.08	peak
4	5895.000	43.86	-0.74	43.12	90.20	-47.08	peak
5	5909.905	44.01	-0.72	43.29	79.27	-35.98	peak
6	5937.711	43.02	-0.71	42.31	68.20	-25.89	peak



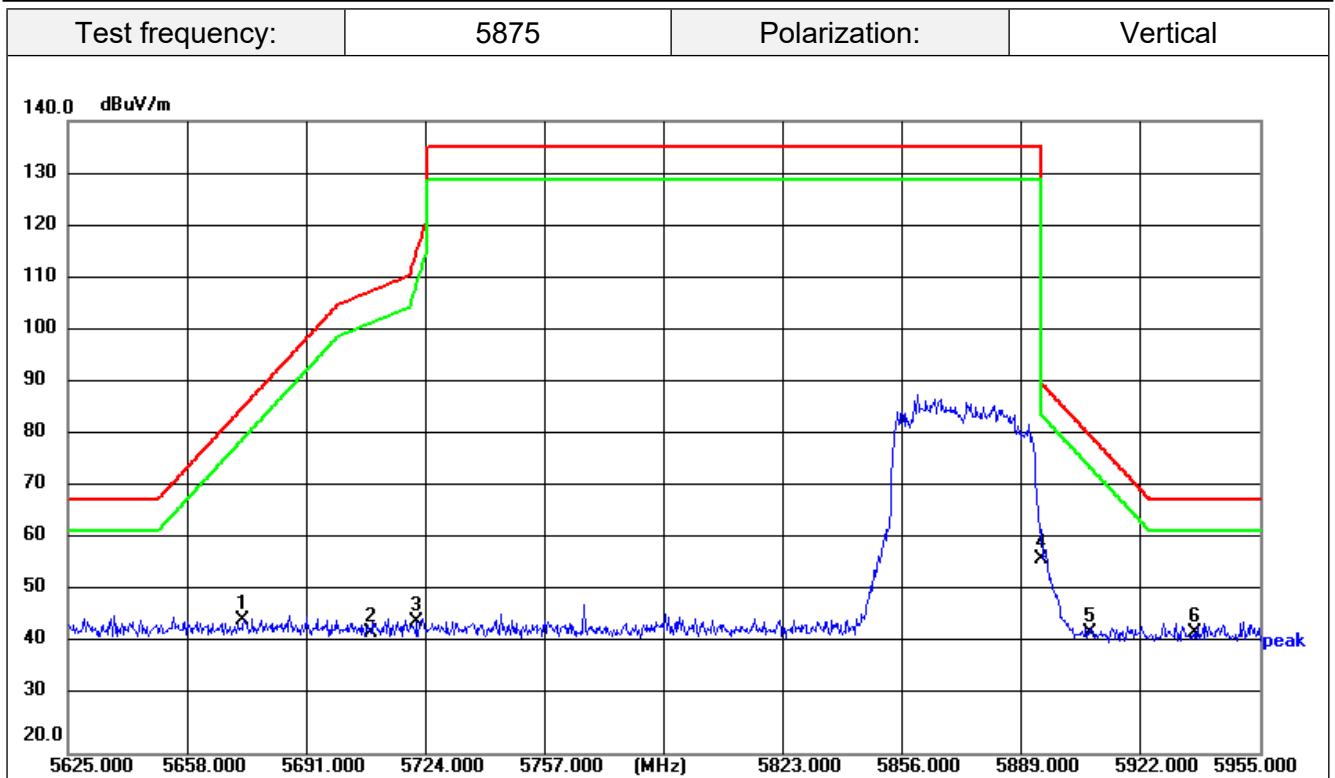
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5665.336	45.33	-0.94	44.39	79.55	-35.16	peak
2	5710.301	44.05	-0.90	43.15	108.08	-64.93	peak
3	5722.032	43.39	-0.89	42.50	115.43	-72.93	peak
4	5895.000	58.58	-0.74	57.84	90.20	-32.36	peak
5	5915.411	45.41	-0.72	44.69	75.23	-30.54	peak
6	5944.711	43.48	-0.69	42.79	68.20	-25.41	peak



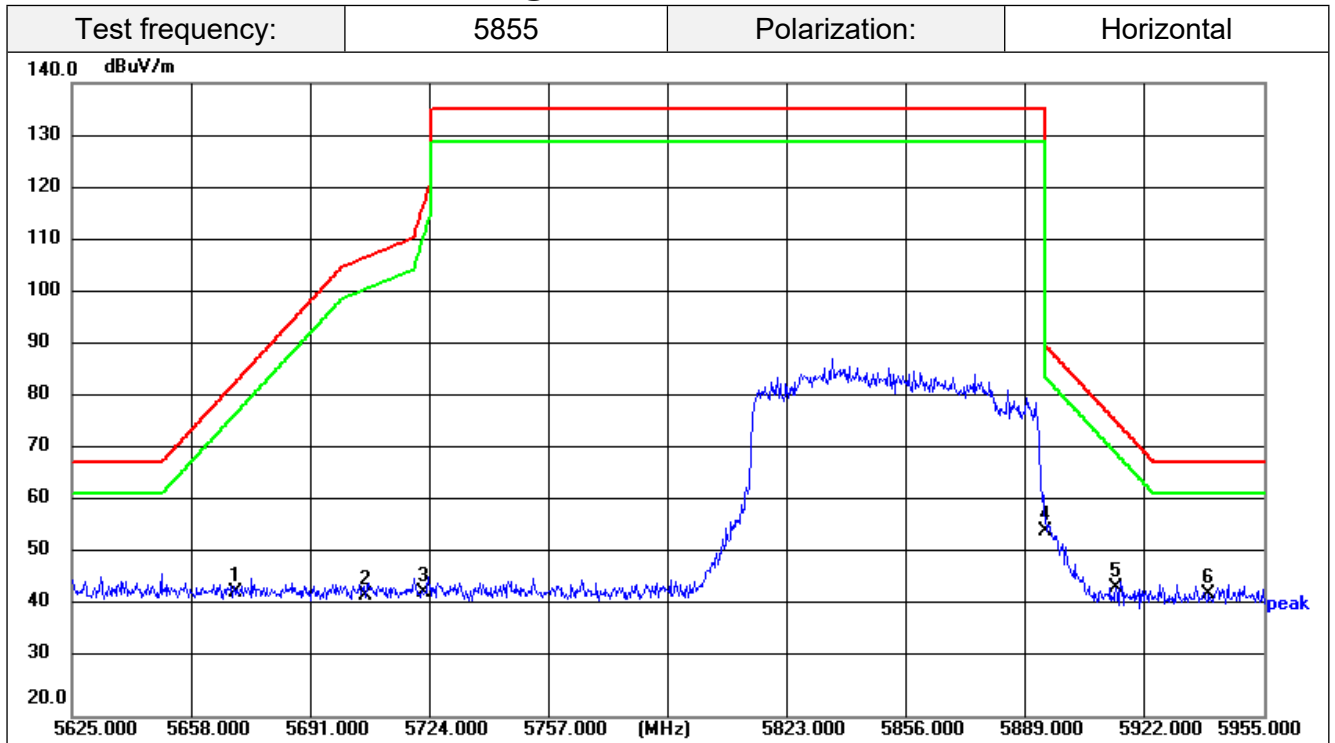
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5674.063	46.20	-0.93	45.27	86.01	-40.74	peak
2	5709.107	43.96	-0.90	43.06	107.75	-64.69	peak
3	5721.706	45.99	-0.89	45.10	114.69	-69.59	peak
4	5895.000	57.82	-0.74	57.08	90.20	-33.12	peak
5	5907.997	43.85	-0.73	43.12	80.67	-37.55	peak
6	5937.260	43.73	-0.71	43.02	68.20	-25.18	peak

U-NII 4 @ 802.11ax(HE80) MIMO mode


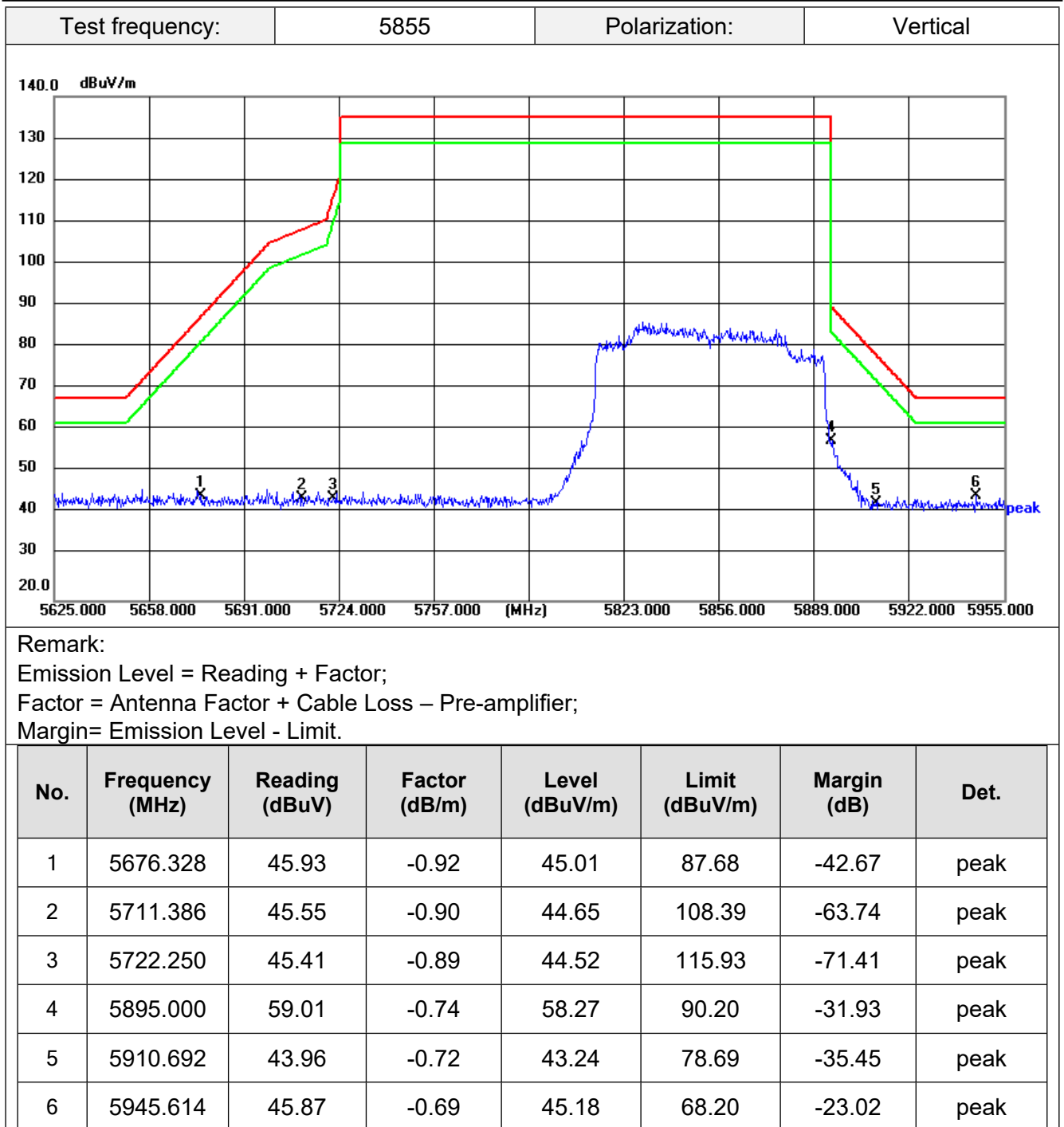
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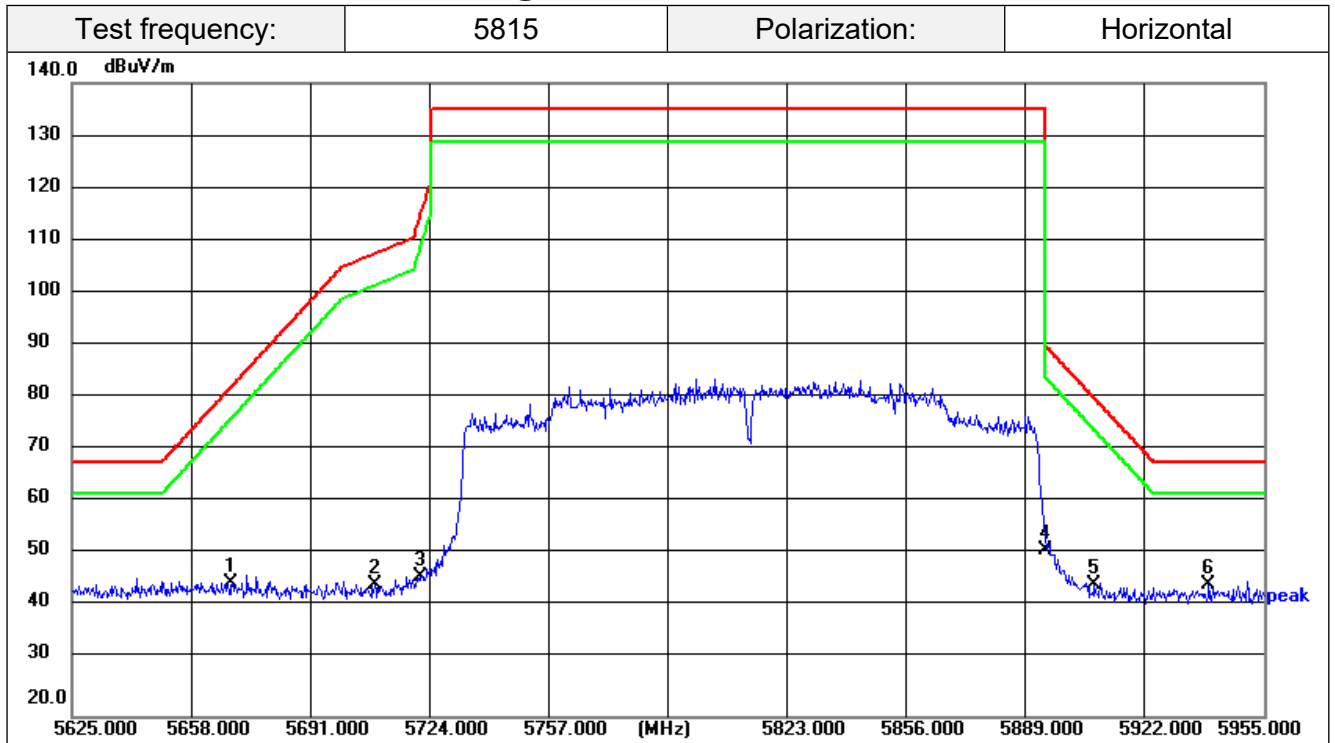
Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5670.829	44.60	-0.94	43.66	83.61	-39.95	peak
2	5706.504	44.05	-0.91	43.14	107.02	-63.88	peak
3	5722.902	44.62	-0.89	43.73	117.42	-73.69	peak
4	5895.000	55.90	-0.74	55.16	90.20	-35.04	peak
5	5914.400	45.16	-0.72	44.44	75.97	-31.53	peak
6	5939.968	43.92	-0.71	43.21	68.20	-24.99	peak



U-NII 4 @ 802.11ax(HE160) MIMO mode


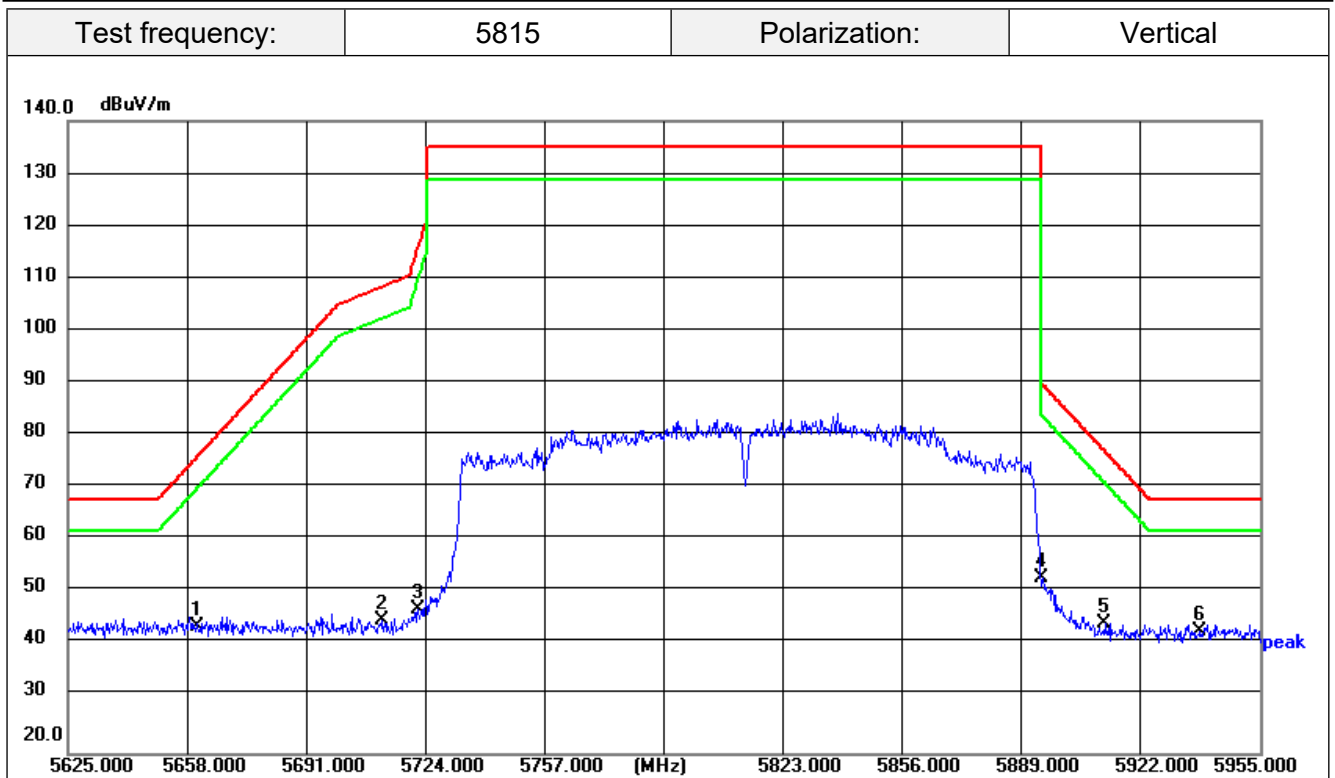
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5669.644	46.27	-0.94	45.33	82.74	-37.41	peak
2	5709.107	45.96	-0.90	45.06	107.75	-62.69	peak
3	5721.380	47.57	-0.89	46.68	113.95	-67.27	peak
4	5895.000	52.35	-0.74	51.61	90.20	-38.59	peak
5	5908.446	45.80	-0.72	45.08	80.34	-35.26	peak
6	5940.081	45.75	-0.71	45.04	68.20	-23.16	peak



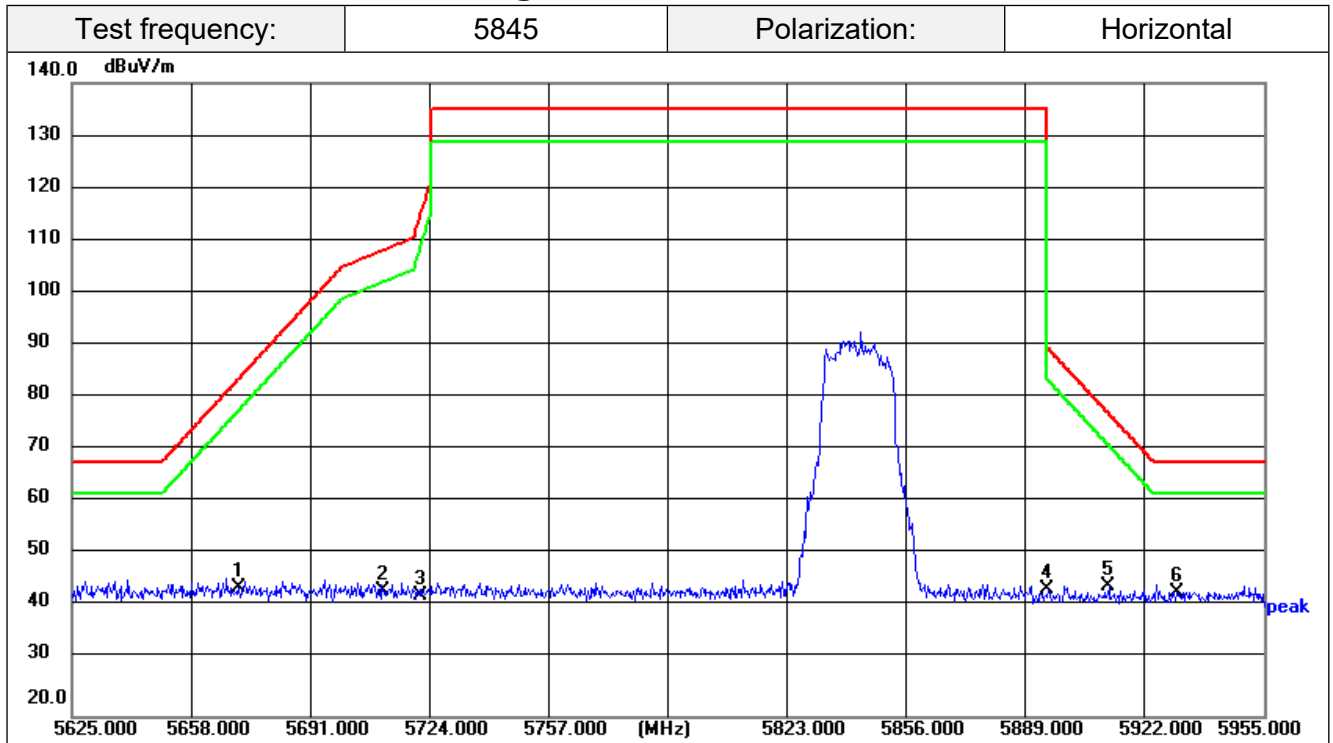
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5661.139	45.06	-0.94	44.12	76.44	-32.32	peak
2	5712.254	46.33	-0.89	45.44	108.63	-63.19	peak
3	5722.141	48.23	-0.89	47.34	115.68	-68.34	peak
4	5895.000	54.24	-0.74	53.50	90.20	-36.70	peak
5	5912.264	45.53	-0.72	44.81	77.54	-32.73	peak
6	5938.726	43.88	-0.71	43.17	68.20	-25.03	peak

U-NII 4 @ 802.11be(EHT20) MIMO mode


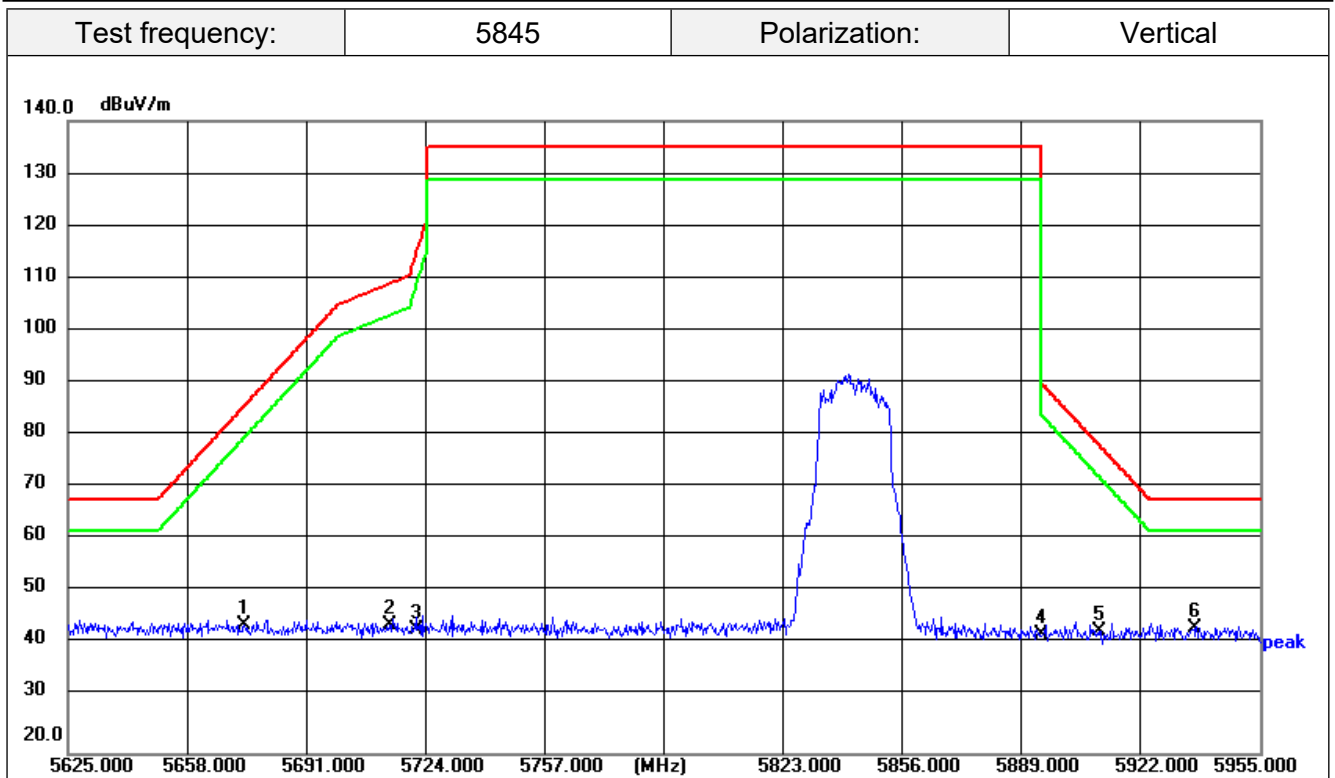
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5671.261	45.51	-0.94	44.57	83.93	-39.36	peak
2	5711.169	44.77	-0.90	43.87	108.33	-64.46	peak
3	5721.923	44.02	-0.89	43.13	115.18	-72.05	peak
4	5895.000	45.07	-0.74	44.33	90.20	-45.87	peak
5	5912.264	45.67	-0.72	44.95	77.54	-32.59	peak
6	5931.170	44.38	-0.71	43.67	68.20	-24.53	peak



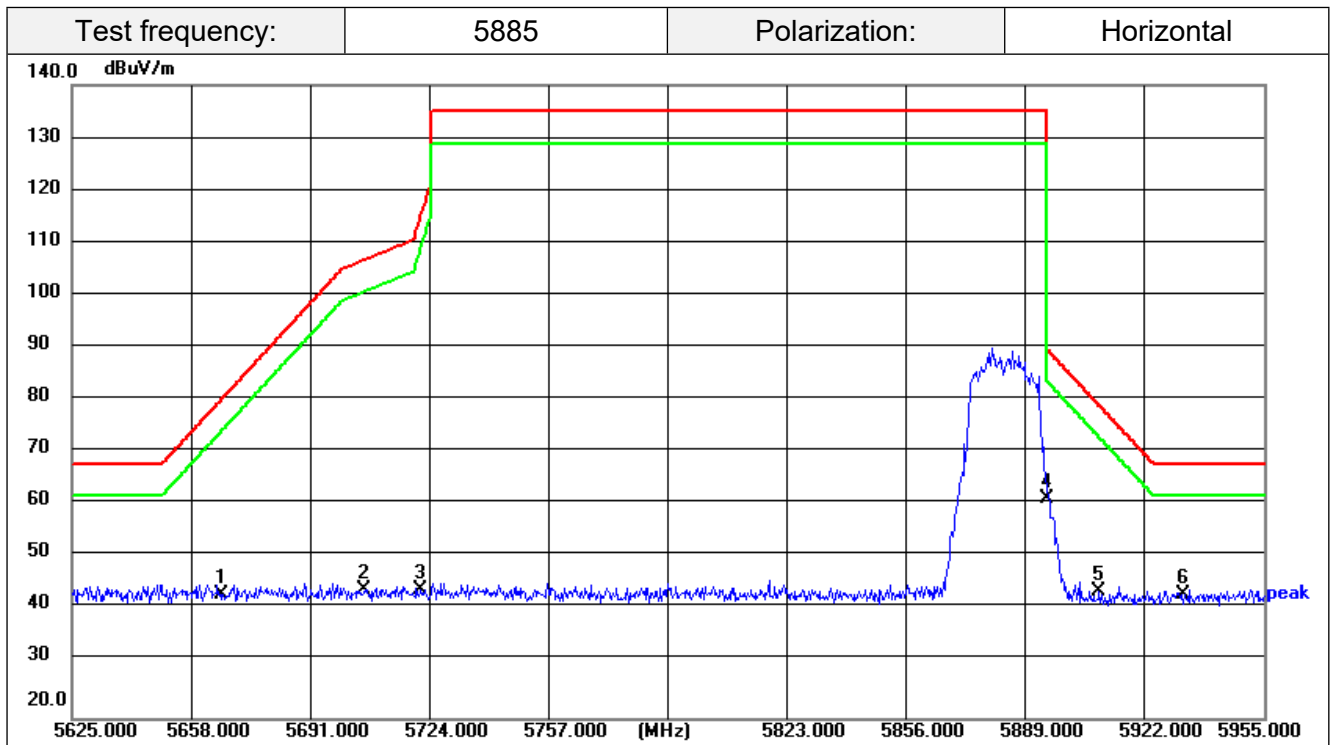
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5673.848	45.43	-0.93	44.50	85.85	-41.35	peak
2	5714.317	45.37	-0.89	44.48	109.21	-64.73	peak
3	5721.923	44.36	-0.89	43.47	115.18	-71.71	peak
4	5895.000	43.57	-0.74	42.83	90.20	-47.37	peak
5	5910.467	44.15	-0.72	43.43	78.86	-35.43	peak
6	5937.034	44.64	-0.71	43.93	68.20	-24.27	peak



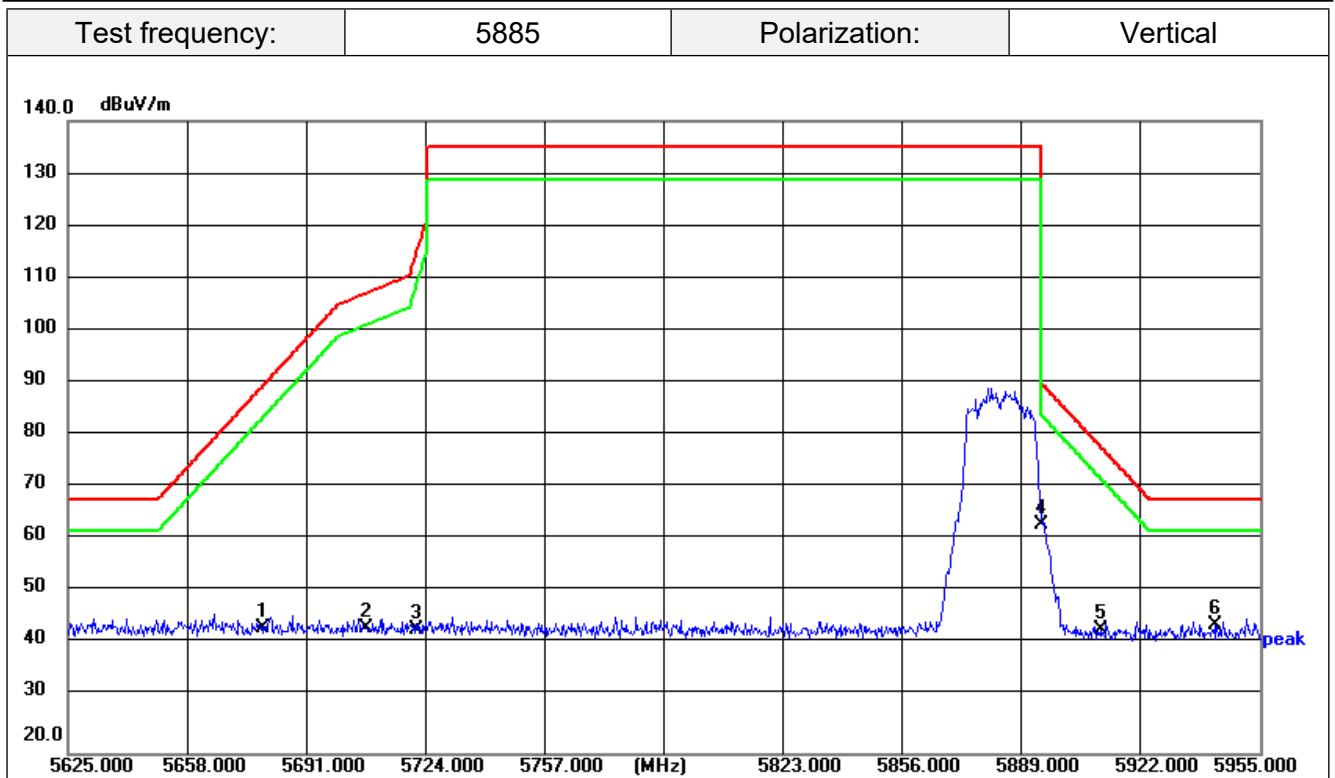
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5666.844	44.43	-0.94	43.49	80.66	-37.17	peak
2	5706.395	45.50	-0.91	44.59	106.99	-62.40	peak
3	5721.815	45.50	-0.89	44.61	114.94	-70.33	peak
4	5895.000	62.45	-0.74	61.71	90.20	-28.49	peak
5	5909.569	44.90	-0.72	44.18	79.52	-35.34	peak
6	5933.086	44.47	-0.71	43.76	68.20	-24.44	peak



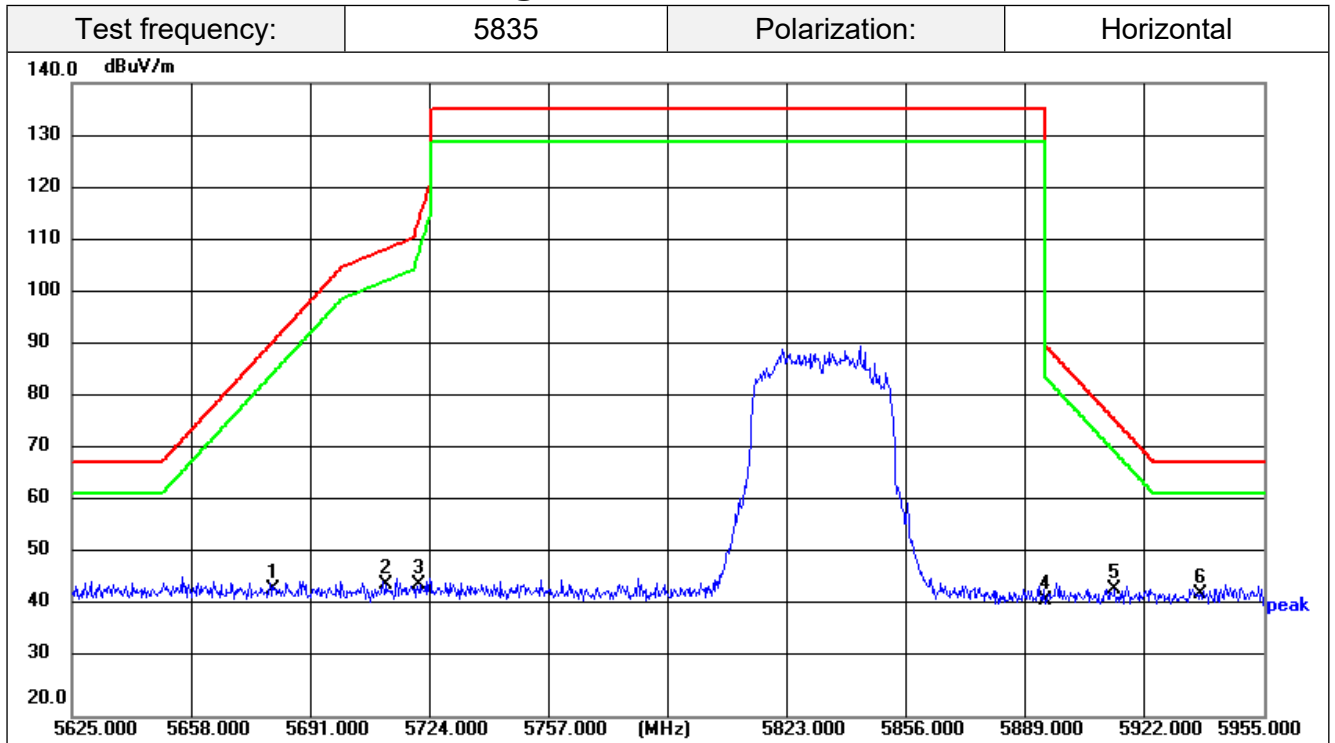
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5679.133	44.96	-0.92	44.04	89.76	-45.72	peak
2	5707.805	44.77	-0.91	43.86	107.39	-63.53	peak
3	5721.815	44.42	-0.89	43.53	114.94	-71.41	peak
4	5895.000	64.36	-0.74	63.62	90.20	-26.58	peak
5	5911.141	44.22	-0.72	43.50	78.36	-34.86	peak
6	5942.565	45.10	-0.69	44.41	68.20	-23.79	peak

U-NII 4 @ 802.11be(EHT40) MIMO mode


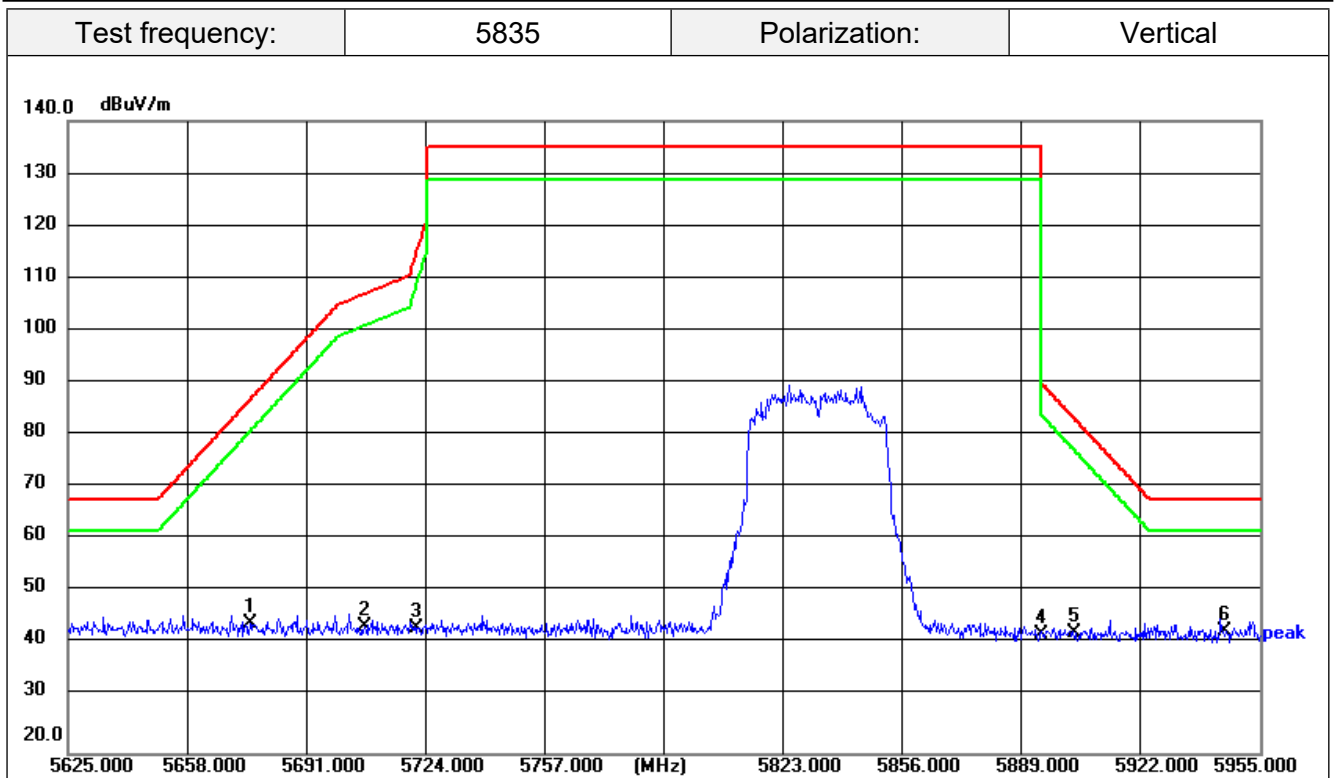
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.292	45.02	-0.92	44.10	91.36	-47.26	peak
2	5712.145	45.96	-0.89	45.07	108.60	-63.53	peak
3	5721.597	46.13	-0.89	45.24	114.44	-69.20	peak
4	5895.000	42.85	-0.74	42.11	90.20	-48.09	peak
5	5914.062	44.91	-0.72	44.19	76.22	-32.03	peak
6	5937.824	44.06	-0.71	43.35	68.20	-24.85	peak



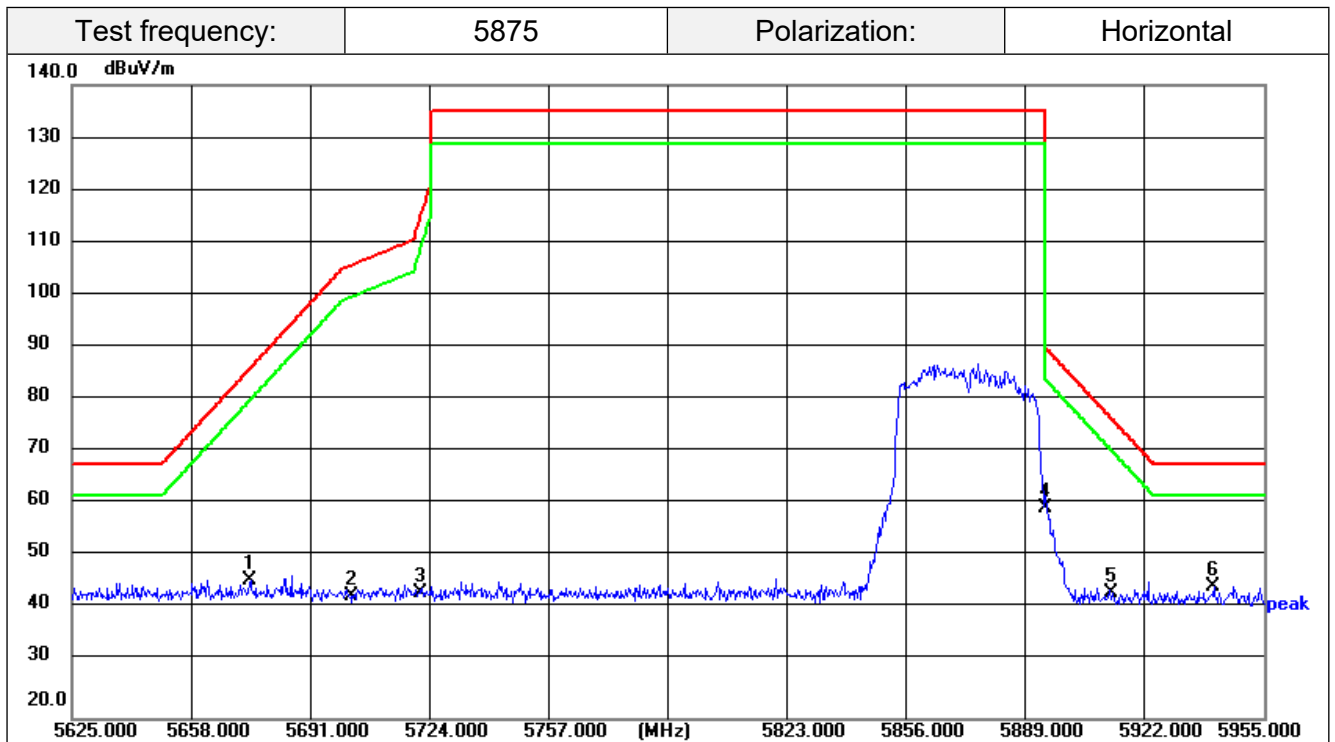
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5675.789	45.76	-0.92	44.84	87.28	-42.44	peak
2	5707.263	45.15	-0.91	44.24	107.23	-62.99	peak
3	5721.923	44.74	-0.89	43.85	115.18	-71.33	peak
4	5895.000	43.51	-0.74	42.77	90.20	-47.43	peak
5	5904.068	43.70	-0.73	42.97	83.55	-40.58	peak
6	5945.953	43.99	-0.69	43.30	68.20	-24.90	peak



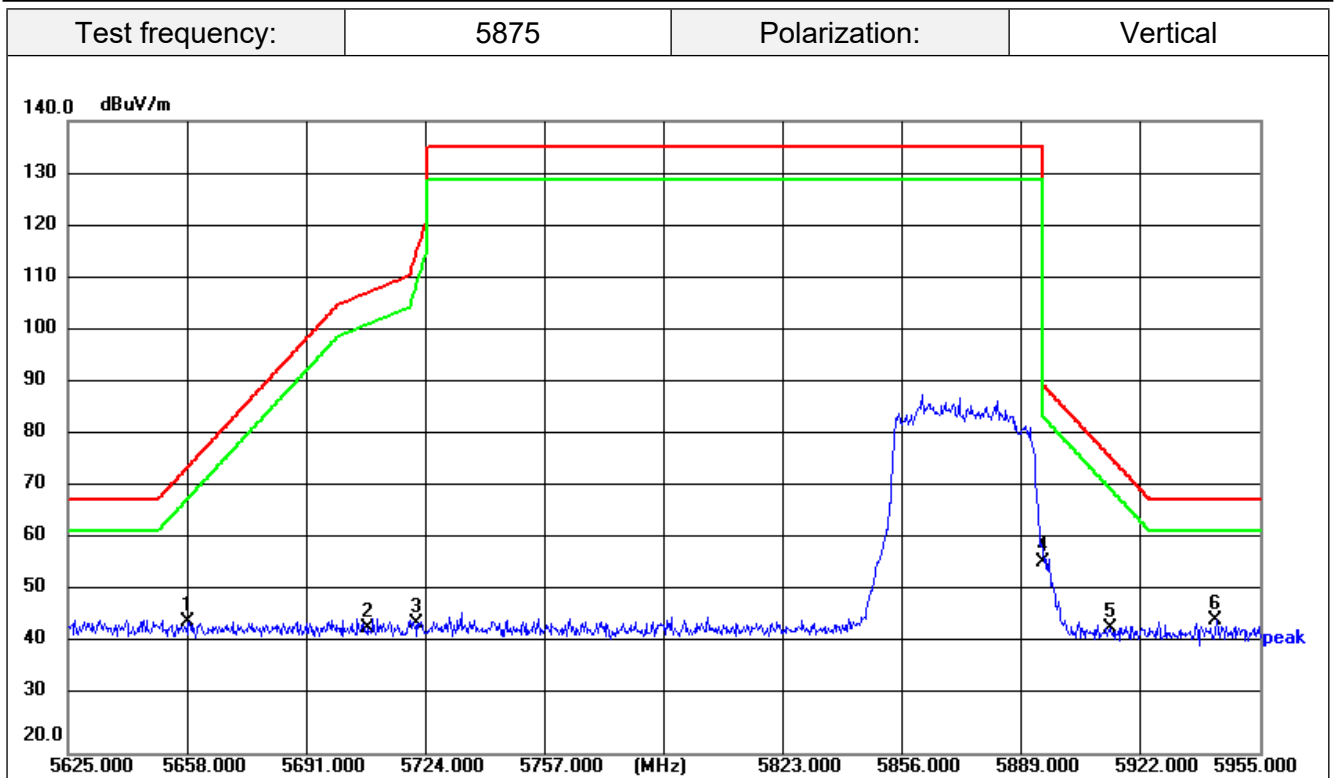
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5674.602	47.08	-0.93	46.15	86.41	-40.26	peak
2	5702.493	44.22	-0.91	43.31	105.90	-62.59	peak
3	5721.489	44.71	-0.89	43.82	114.19	-70.37	peak
4	5895.000	60.73	-0.74	59.99	90.20	-30.21	peak
5	5913.275	44.70	-0.72	43.98	76.80	-32.82	peak
6	5941.435	45.79	-0.71	45.08	68.20	-23.12	peak



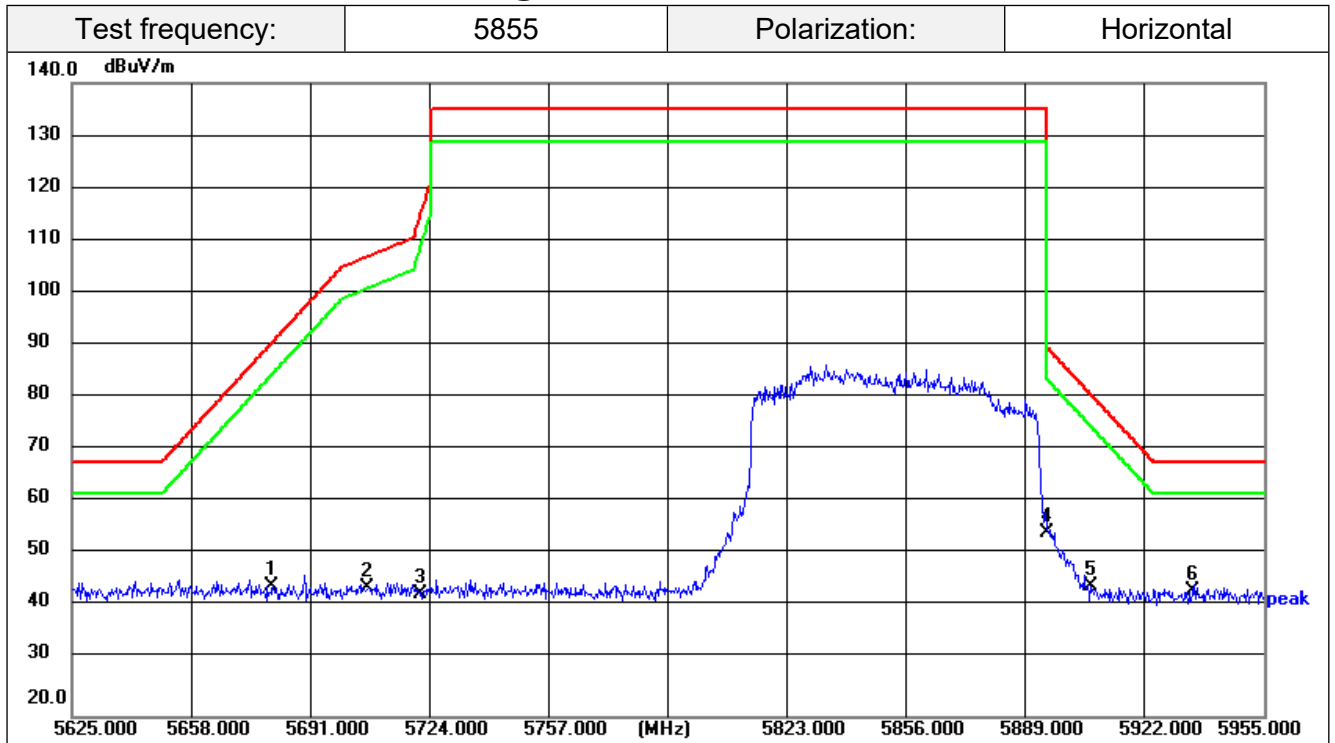
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5658.880	46.16	-0.94	45.22	74.77	-29.55	peak
2	5708.347	44.77	-0.90	43.87	107.54	-63.67	peak
3	5722.032	45.62	-0.89	44.73	115.43	-70.70	peak
4	5895.000	57.01	-0.74	56.27	90.20	-33.93	peak
5	5913.613	44.76	-0.72	44.04	76.55	-32.51	peak
6	5943.129	46.21	-0.69	45.52	68.20	-22.68	peak

U-NII 4 @ 802.11be(EHT80) MIMO mode


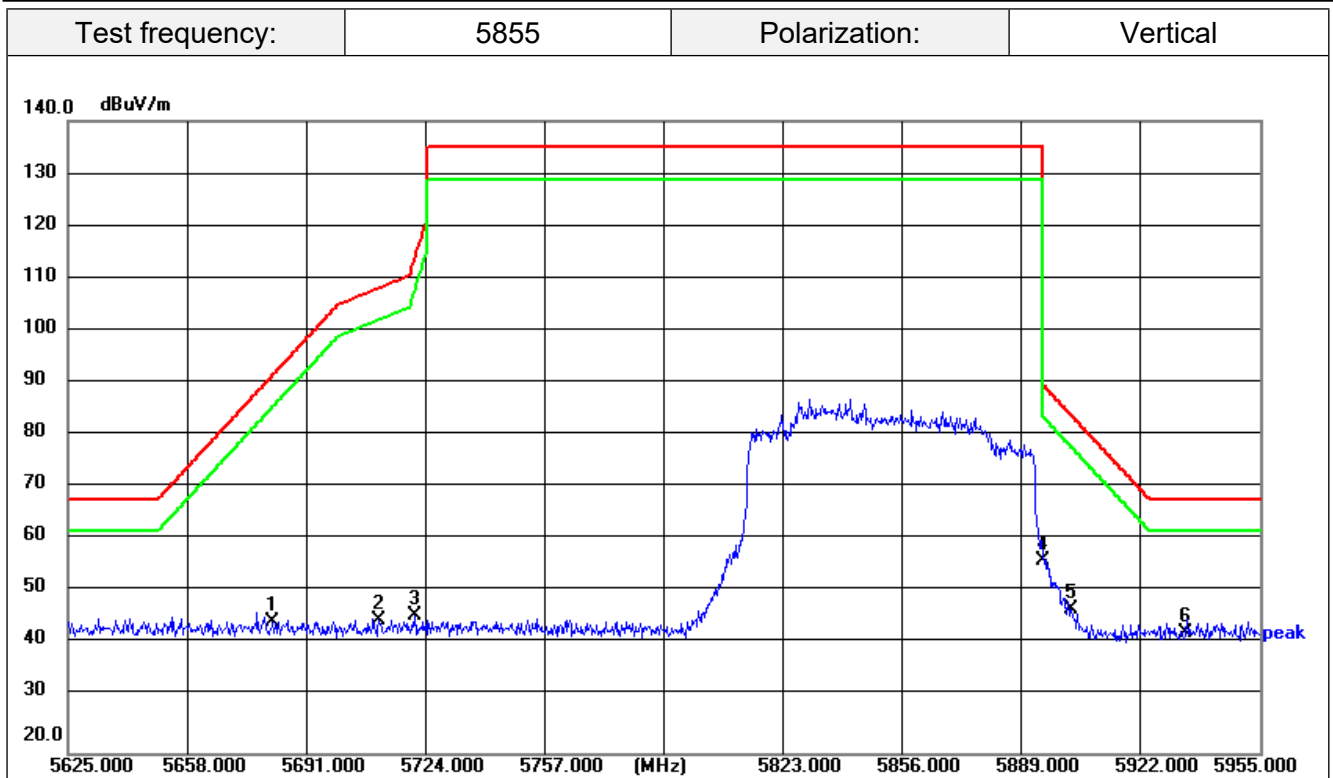
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.076	45.66	-0.92	44.74	91.20	-46.46	peak
2	5707.371	45.27	-0.91	44.36	107.26	-62.90	peak
3	5721.706	44.06	-0.89	43.17	114.69	-71.52	peak
4	5895.000	55.63	-0.74	54.89	90.20	-35.31	peak
5	5907.211	45.44	-0.73	44.71	81.25	-36.54	peak
6	5935.342	44.72	-0.71	44.01	68.20	-24.19	peak



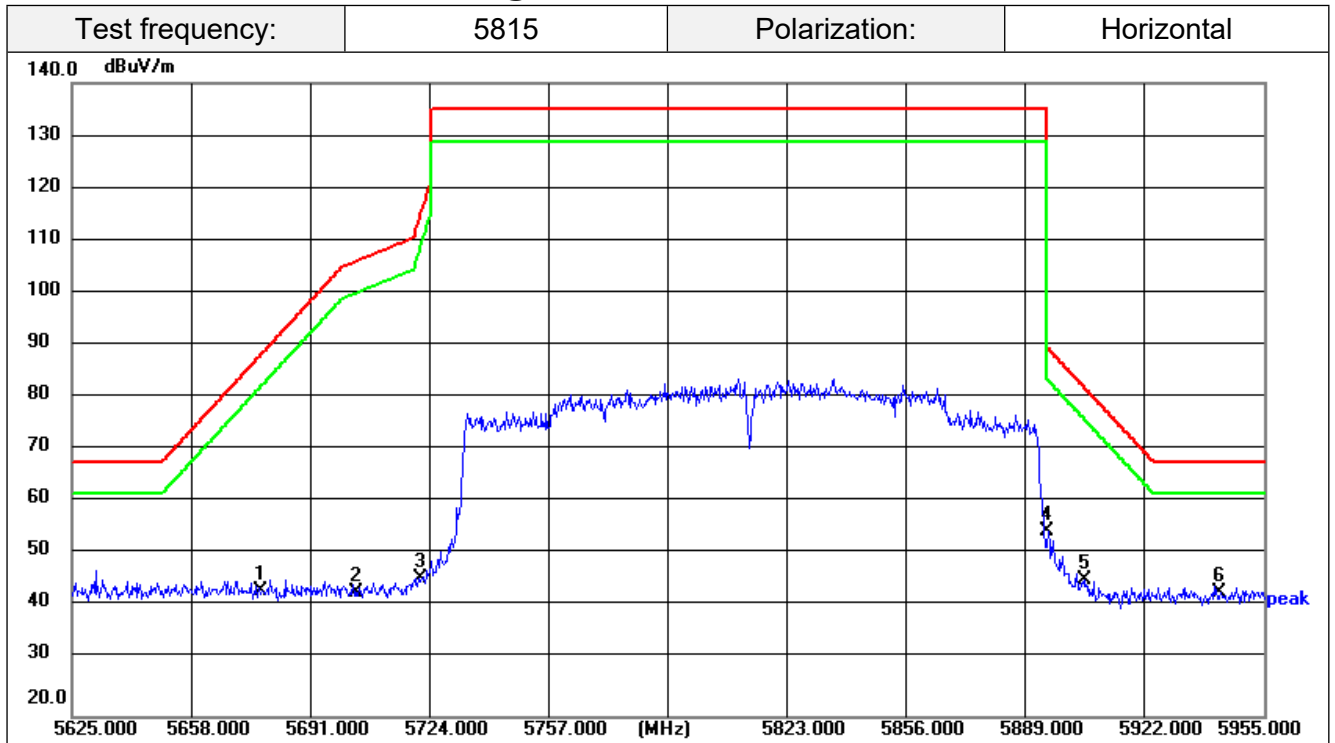
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5681.832	46.05	-0.92	45.13	91.76	-46.63	peak
2	5711.386	46.24	-0.90	45.34	108.39	-63.05	peak
3	5721.162	47.17	-0.89	46.28	113.45	-67.17	peak
4	5895.000	57.41	-0.74	56.67	90.20	-33.53	peak
5	5902.946	48.09	-0.74	47.35	84.37	-37.02	peak
6	5934.665	43.81	-0.71	43.10	68.20	-25.10	peak

U-NII 4 @ 802.11be(EHT160) MIMO mode


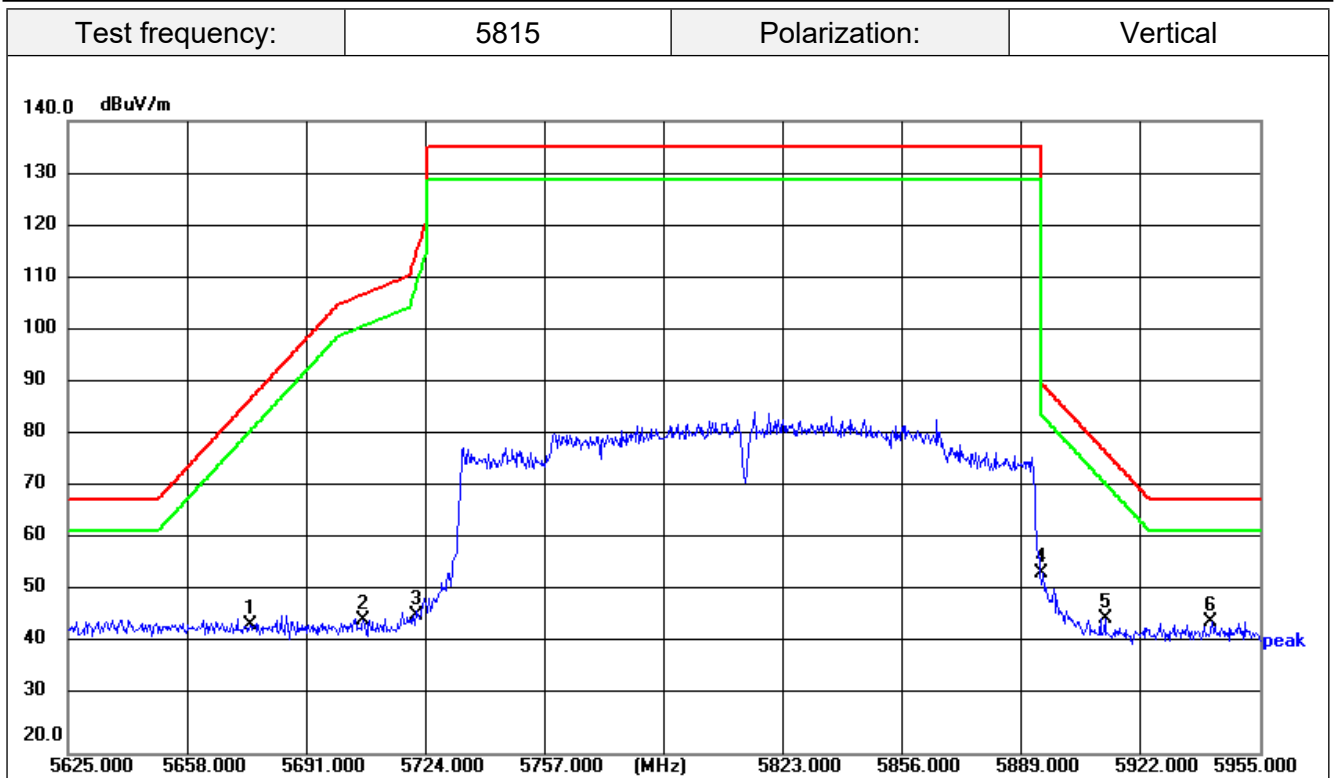
Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5677.838	44.96	-0.92	44.04	88.80	-44.76	peak
2	5703.685	44.64	-0.91	43.73	106.23	-62.50	peak
3	5722.032	47.07	-0.89	46.18	115.43	-69.25	peak
4	5895.000	55.84	-0.74	55.10	90.20	-35.10	peak
5	5905.527	46.66	-0.73	45.93	82.48	-36.55	peak
6	5943.129	44.22	-0.69	43.53	68.20	-24.67	peak



Remark:

Emission Level = Reading + Factor;

Factor = Antenna Factor + Cable Loss – Pre-amplifier;

Margin= Emission Level - Limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5675.681	45.40	-0.92	44.48	87.20	-42.72	peak
2	5706.938	46.40	-0.91	45.49	107.14	-61.65	peak
3	5721.923	47.20	-0.89	46.31	115.18	-68.87	peak
4	5895.000	55.05	-0.74	54.31	90.20	-35.89	peak
5	5912.152	46.38	-0.72	45.66	77.62	-31.96	peak
6	5942.000	45.83	-0.70	45.13	68.20	-23.07	peak

3.4 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

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 permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Test Result:

The device used 50 Ω FPC Antenna, the maximum gain of antenna 3.48dBi. There is no consideration of replacement the antenna.

4 Test Setup Photographs of EUT

Please refer to separated files for Test Setup Photos of the EUT.

5 External Photographs of EUT

Please refer to separated files for External Photos of the EUT.

6 Internal Photographs of EUT

Please refer to separated files for Internal Photos of the EUT.

***** **End of Report** *****