

TEST REPORT

Report No.: BCTC2605837120-6E

Applicant: MICRO COMPUTER (HK) TECH LIMITED

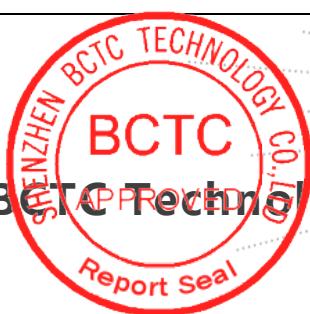
Product Name: Mini PC

Test Model: 895D7-5060

Tested Date: 2026-06-02 to 2026-08-10

Issued Date: 2026-08-11

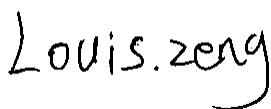
Shenzhen BCTC Technology Co., Ltd.



FCC ID: 2A49R-895D7

Product Name: Mini PC
Trademark: N/A
Model/Type reference: 895D7-5060
D7** (Where *="0-9","A-Z","-"and spaces)
Prepared For: 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
Prepared By: Shenzhen BCTC Technology Co., Ltd.
Address: Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China.
Sample Received Date: 2026-06-02
Sample tested Date: 2026-06-02 to 2026-08-10
Report No.: BCTC2605837120-6E
FCC Part15 15.407
Test Standards: ANSI C63.10-2020
KDB 789033 D02 v02r01
KDB 987594 D02 v02r01
Test Results: PASS

Prepared by :



Louis Zeng

Reviewer by :



Mike Zheng

Approved by:



Sewen Guo

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Technology Co., Ltd., this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

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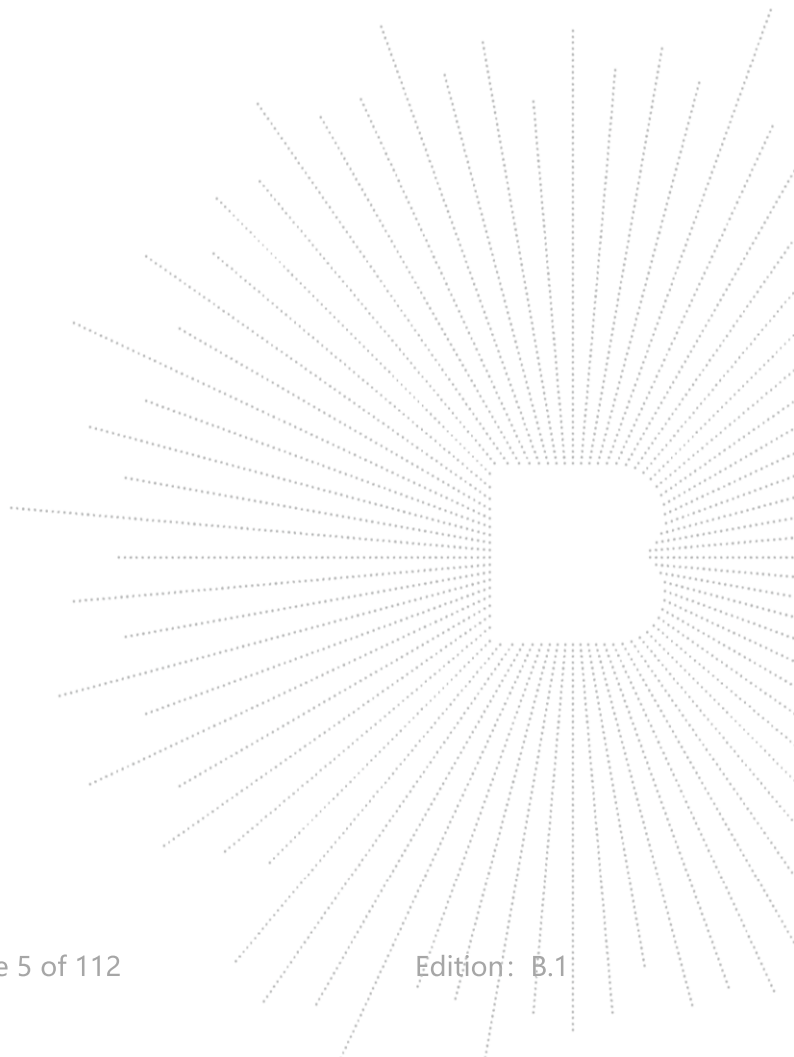
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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2605837120-6E	2026-08-11	Original	Valid



2. Test Summary

The Product has been tested according to the following specifications:

No.	Test Parameter	Clause No.	Results
1	Spurious Radiated Emissions	15.209(a), 15.407 (b)	PASS
2	Conducted Emission	15.207	PASS
3	26 dB and 99% Emission Bandwidth	15.407 (a)	PASS
4	Maximum Conducted Output Power	15.407 (a)	PASS
5	In-band Emission	15.407(b)	PASS
6	Power Spectral Density	15.407 (a)	PASS
7	Spurious Emissions at Antenna Terminals	15.407(b)	PASS
8	Frequency Stability	15.407(g)	PASS
9	Contention Based Protocol	15.407(d)	PASS
10	Antenna Requirement	15.203	PASS
NOTE: N/A (Not Applicable)			

3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9kHz-30MHz)	U=3.7dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.3dB
3	3m chamber Radiated spurious emission(1GHz-18GHz)	U=4.5dB
4	3m chamber Radiated spurious emission(18GHz-40GHz)	U=3.34dB
5	Conducted Emission(150kHz-30MHz)	U=3.20dB
6	Conducted Adjacent channel power	U=1.38dB
7	Conducted output power uncertainty Above 1G	U=1.576dB
8	Conducted output power uncertainty below 1G	U=1.28dB
9	humidity uncertainty	U=5.3%
10	Temperature uncertainty	U=0.59°C

4. Product Information and Test Setup

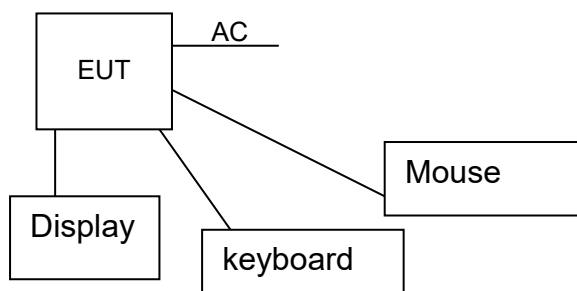
4.1 Product Information

Model/Type reference:	895D7-5060 ***D7***** (Where *="0-9","A-Z","-"and spaces)
Model differences:	All models are identical except for the model name, the test model is 895D7-5060.
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported	802.11ax20/be20: 20MHz 802.11ax40/be40: 40MHz 802.11ax80/be80: 80MHz 802.11ax160/be160: 160MHz
Operation Frequency:	U-NII-5: 5955-6415MHz U-NII-6: 6435-6515MHz U-NII-7: 6535-6855MHz U-NII-8: 6875-7115MHz
Type of Modulation:	OFDMA
Transmit Power:	U-NII-5: ANT A: 10.99 dBm, ANT B: 10.09 dBm, MIMO: 13.49 dBm U-NII-6: ANT A: 10.9 dBm, ANT B: 10.45 dBm, MIMO: 13.31 dBm U-NII-7: ANT A: 11.63 dBm, ANT B: 10.39 dBm, MIMO: 13.67 dBm U-NII-8: ANT A: 11.22 dBm, ANT B: 9.67 dBm, MIMO: 12.68 dBm
Antenna installation:	External antenna Antenna A&B: 1.28 dBi
Antenna Gain:	Remark: ☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. Antenna gain information is provided by the client and the laboratory is not responsible for its authenticity. ☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information. Antenna gain information is provided by the client and the laboratory is not responsible for its authenticity.
Ratings:	AC 100-240V 6.3A 47-63Hz

4.2 Test Setup Configuration

See test photographs attached in *EUT TEST SETUP PHOTOGRAPHS* for the actual connections between Product and support equipment.

Conducted Emission and Radiated Spurious Emission:



4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	Keyboard	Logitech	M-U0026	---	---
E-2	HDMI Cable	Belkin	HDMI2.0	---	---
E-3	Mouse	Logitech	YU0036	---	---
E-4	Display	ChangHong	55DBK	---	---

FCC ID: MSQ-RTAXJF00

Item	Shielded Type	Ferrite Core	Length	Note
C-1	N/A	N/A	0M	DC cable unshielded

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.4 Channel List

U-NII-5: 5955-6415MHz

802.11ax20/be20 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	25	6075	49	6195	73	6315
5	5975	29	6095	53	6215	77	6335
9	5995	33	6115	57	6235	81	6355
13	6015	37	6135	61	6255	85	6375
17	6035	41	6155	65	6275	89	6395
21	6055	45	6175	69	6295	93	6415

802.11ax40/be40 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	27	6085	51	6205	75	6325
11	6005	35	6125	59	6245	83	6365
19	6045	43	6165	67	6285	91	6405

802.11ax80/be80 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	39	6145	71	6305
23	6065	55	6225	87	6385

802.11ax160/be160 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	47	6185	79	6345

U-NII-6: 6435-6515MHz

802.11ax20/be20 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	105	6475	113	6515		
101	6455	109	6495				

802.11ax40/be40 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	115	6525(Straddle)		

802.11ax80/be80 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465	119	6545(Straddle)		

802.11ax160/be160 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505(Straddle)				

U-NII-7: 6535-6855MHz

802.11ax20/be20 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	137	6635	157	6735	177	6835
121	6555	141	6655	161	6755	181	6855
125	6575	145	6675	165	6775	185	
129	6595	149	6695	169	6795		
133	6615	153	6715	173	6815		

802.11ax40/be40 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
123	6565	147	6685	171	6805		
131	6605	155	6725	179	6845		
139	6645	163	6765	187			

802.11ax80/be80 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
135	6625	167	6785		
151	6705	183			

802.11ax160/be160 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	175	6825(Straddle)		

U-NII-8: 6875-7115MHz

802.11ax20/be20 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	201	6955	213	7015	225	7075
193	6915	205	6975	217	7035	229	7095
197	6935	209	6995	221	7055	233	7115

802.11ax40/be40 Carrier Frequency Channel							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
195	6925	211	7005	227	7085		
203	6965	219	7045				

802.11ax80/be80 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025		

802.11ax160/be160 Carrier Frequency Channel					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985				

4.5 Test Mode

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possibly have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11ax20/be20 CH1/ CH45/ CH 93 802.11ax20/be20 CH97/ CH105/ CH113 802.11ax20/be20 CH117/ CH149/ CH181 802.11ax20/be20 CH189/ CH209/ CH233
Mode 2	802.11ax40/be40 CH3/ CH 43/ CH 91 802.11ax40/be40 CH99/ CH 107/ CH115 (Straddle) 802.11ax40/be40 CH123/ CH 147/ CH 179 802.11ax40/be40 CH195/ CH 203/ CH 227
Mode 3	802.11ax80/be80 CH 7/CH 39/ CH 87 802.11ax80/be80 CH 103/CH 119 (Straddle) 802.11ax80/be80 CH 135/CH 151/ CH 167 802.11ax80/be80 CH 199/CH 215
Mode 4	802.11ax160/be160 CH 15/CH 47/ CH 79 802.11ax160/be160 CH 111 802.11ax160/be160 CH 143 802.11ax160/be160 CH 207
Mode 5	Transmitting (Conducted emission & Radiated emission)

4.6 Test Environment

1. Normal Test Conditions:

Humidity (%):	54
Atmospheric Pressure(kPa):	101
Temperature(°C):	26
Test Voltage(AC):	120V

2. Extreme Test Conditions:

For tests at extreme voltages, measurements shall be made over the extremes of the power source voltage range as declared by the manufacturer.

Test Conditions	LV	NV	HV
Test Voltage (AC)	108	120	132

4.7 Table Of Parameters Of Text Software Setting

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

5955MHz-7115MHz							
Test Software Version	QRCT						
Frequency (MHz)	5955	6175	6415	6435	6475	6515	6535
802.11ax/be20 Mode	8	8	7	7	7	7	7
Frequency (MHz)	6695	6855	6875	6895	6695	7115	
802.11ax/be20 Mode	8	7	7	7	8	8	
Frequency (MHz)	5965	6165	6405	6445	6485	6525	6565
802.11ax/be40 Mode	8	8	8	8	8	8	8
Frequency (MHz)	6685	6845	6885	6925	6965	7085	
802.11ax/be40 Mode	8	7	8	8	8	8	
Frequency (MHz)	5985	6145	6385	6465	6545	6625	6705
802.11ax/be80 Mode	10	10	10	10	10	10	10
Frequency (MHz)	6785	6865	6945	7025			
802.11ax/be80 Mode	10	10	10	10			
Frequency (MHz)	6025	6185	6345	6505	6665	6825	6985
802.11ax/be160 Mode	12	12	12	12	12	10	12

RU type

Bandwidth	20MHz BW	40MHz BW	80MHz BW	160MHz BW
RU Type	242-tone RU	484-tone RU	996-tone RU	2*996-tone RU

Note: The product is only compatible with Su.

4.8 Antenna

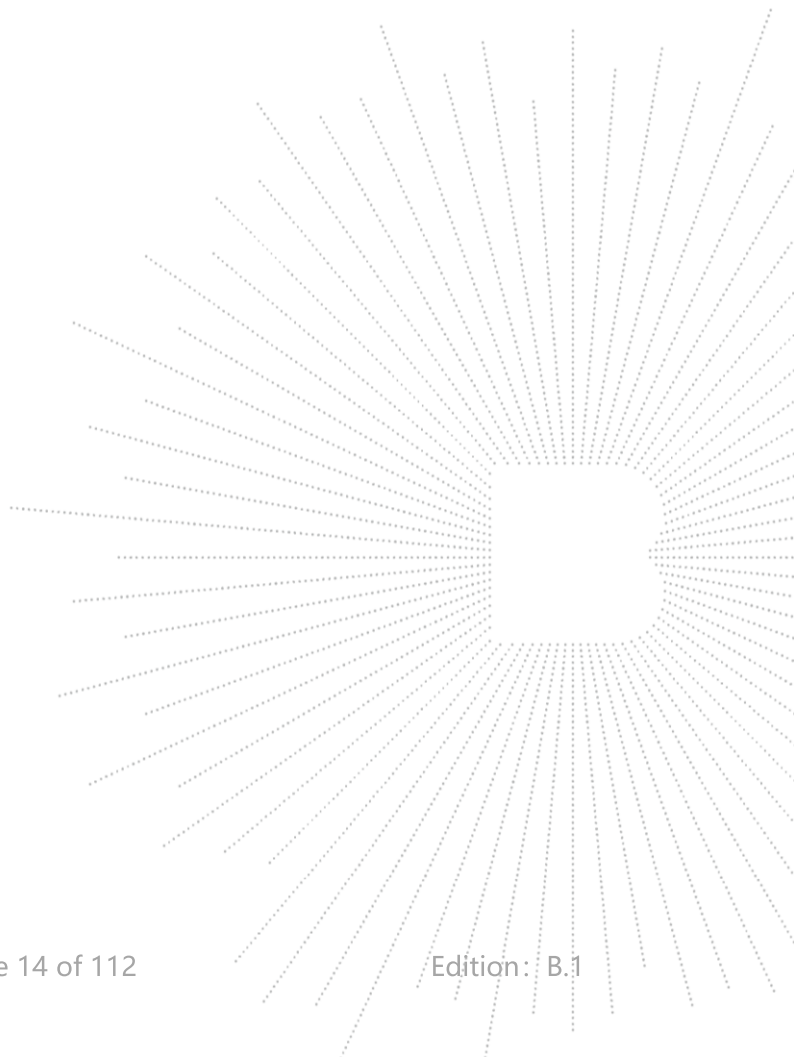
Table for Internal antenna

Ant.	Brand	Model Name	Antenna Type	Gain (dBi)	NOTE
A	N/A	N/A	External antenna	1.28	N/A
B	N/A	N/A	External antenna	1.28	N/A

EUT has two External antennas with The maximum gain GANT of Antenna A is 1.28 dBi, and that of Antenna B is 1.28dBi, CDD device with one spatial streams, also can operat with one spatial streams according to KDB662911 D01 v02r01,
Directional gain= GANT + Array Gain, where Array Gain is as follows.

1)For power spectral density(PSD) measurements,
Array Gain= $10\log(NANT/NSS)$ dB= $10\log(2/1)$ =3.01dB,
So the directional gain for PSD is 4.29 dBi

2)For power measurements,
The Array gain=0 dB for $NANT \leq 4$,
So the directional gain for Power measurements is 1.28 dBi



5. Test Facility And Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Technology Co., Ltd.
Address: Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China..
The site and apparatus are constructed in conformance with the requirements of ANSI C63.4a-2017 and CISPR 16-1-1:2019 other equivalent standards.
FCC Test Firm Registration Number: 754702
ANAB certificate registration number is: CN3479

5.2 Test Instrument Used

Conducted emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESCI	101421	2025.08.30	2026.08.29
AMN	SCHWHRZBECK	NSLK8128	05152	2026.01.22	2027.01.21
AMN	SCHWHRZBECK	NSLK8127	8127739	2025.09.16	2026.09.15
Pulse Limiter	SCHWHRZBECK	VTSD 9561-F-N	00547	2025.08.30	2026.08.29
Temperature & Humidity	Wetest	HTC-1	/	2025.09.01	2026.08.31
Software	EZ-EMC	Ver.EMC-CON 3A1	/	/	/

Radiated disturbance 2#					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Shielded room	ChengYu	9*6*6	/	2023.09.25	2026.09.24
Loop Antenna	Schwarzbeck	FMZB1519B	00014	2026.01.05	2027.01.04
Broadband antenna	SCHWHRZBECK	VULB9168	01620	2025.08.29	2026.08.28
Horn antenna(1 GHz -18GHz)	SCHWARZBECK	BBHA 9120 D	2792	2025.08.29	2026.08.28
Horn antenna (18 GHz -40GHz)	SCHWARZBECK	BBHA9170	00822	2025.12.29	2026.12.28
Receiver	R&S	ESR	1316	2025.08.30	2026.08.29
Spectrum Analyzer	R&S	FSV40	101328	2026.01.22	2027.01.21
Amplifier	SCHWHRZBECK	BBV9744	568	2025.08.30	2026.08.29

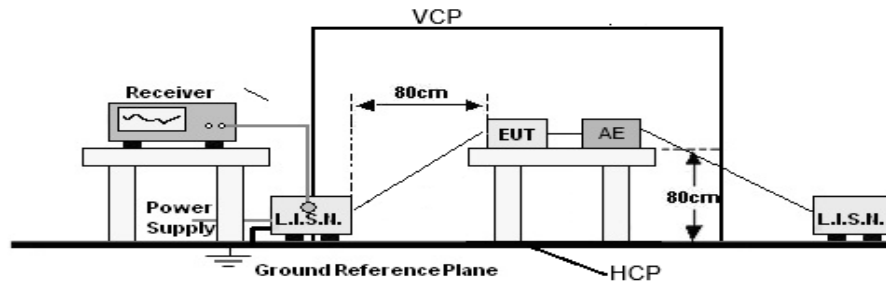
Amplifier	EMC INSTRUMENTS CORPORATION	EMC0518A45SE E	EMT-SZ2 233	2025.08.30	2026.08.29
Amplifier (18GHz-40GHz)	MITEQ	TTA1840-35-HG	2034381	2026.05.09	2027.05.08
RF cable 3# (9kHz-6GHz)	Yunyi	10M	/	2025.08.30	2026.08.29
RF cable 9# (9kHz-1GHz)	Yunyi	2M	/	2025.10.28	2026.10.27
RF cable 5# (1GHz-18GHz)	SKET	9M	18038626	2025.08.30	2026.08.29
RF cable 6# (1GHz-18GHz)	SKET	5M	#10	2025.09.05	2026.09.04
RF cable 10# (18GHz-40GHz)	/	2M	2M	2026.05.09	2027.05.08
RF cable 11# (18GHz-40GHz)	/	2.5M	2.5M	2026.05.09	2027.05.08
Temperature & Humidity	Wetest	HTC-1	/	2025.09.05	2026.09.04
Software	EZ-EMC	Ver.FA-03A2	/	/	/

RF Conducted Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Spectrum Analyzer	Keysight	N9020A	MY51287403	2025.08.30	2026.08.29
Signal Generator	Keysight	N5182A	MY50144088	2025.08.30	2026.08.29
Power Sensor	Keysight	U2001	MY51250006	2025.10.28	2026.10.27
Temperature & Humidity	Wetest	HTC-1	/	2025.09.01	2026.08.31
Communication test set	R&S	CMW500	157483	2025.08.30	2026.08.29
Radio frequency control box	MWRFtest	MW100-RFCB	\	\	\
Software	MWRFtest	MTS 8310	V 3.0.0.0	\	\
D.C. Power Supply	Elektro-Automatik GmbH & Co.KG	D-41747 Viersen	6230316	2025.09.30	2026.08.29
Temperature and humidity test chamber	Auchno	OJN-9606-408 L	19120183	2025.07.09	2026.07.08
				2026.07.07	2027.07.06

FCC ID: MSQ-RTAXJF00

6. Conducted Emissions

6.1 Block Diagram Of Test Setup



6.2 Limit

Frequency (MHz)	Limit (dBuV)	
	Quas-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Notes:
1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

6.3 Test Procedure

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

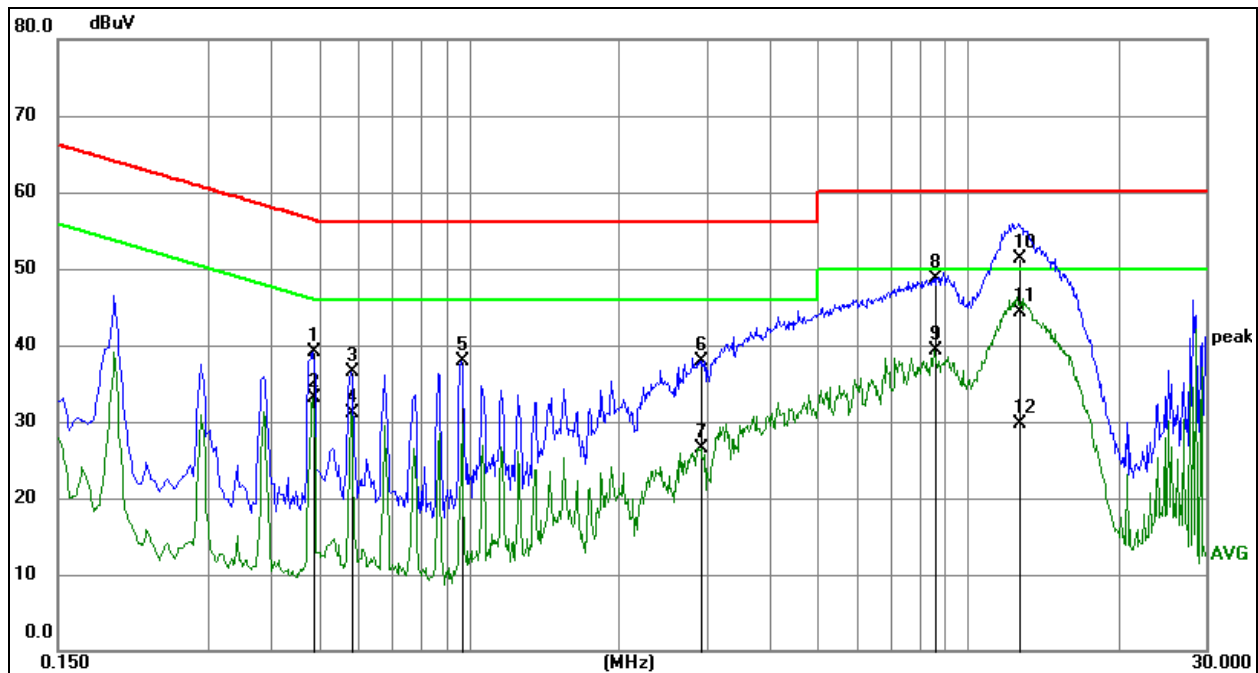
- The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
- For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

6.5 Test Result

Temperature:	26.3 °C	Relative Humidity:	53 %
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 5	Test Voltage :	AC120V/60Hz



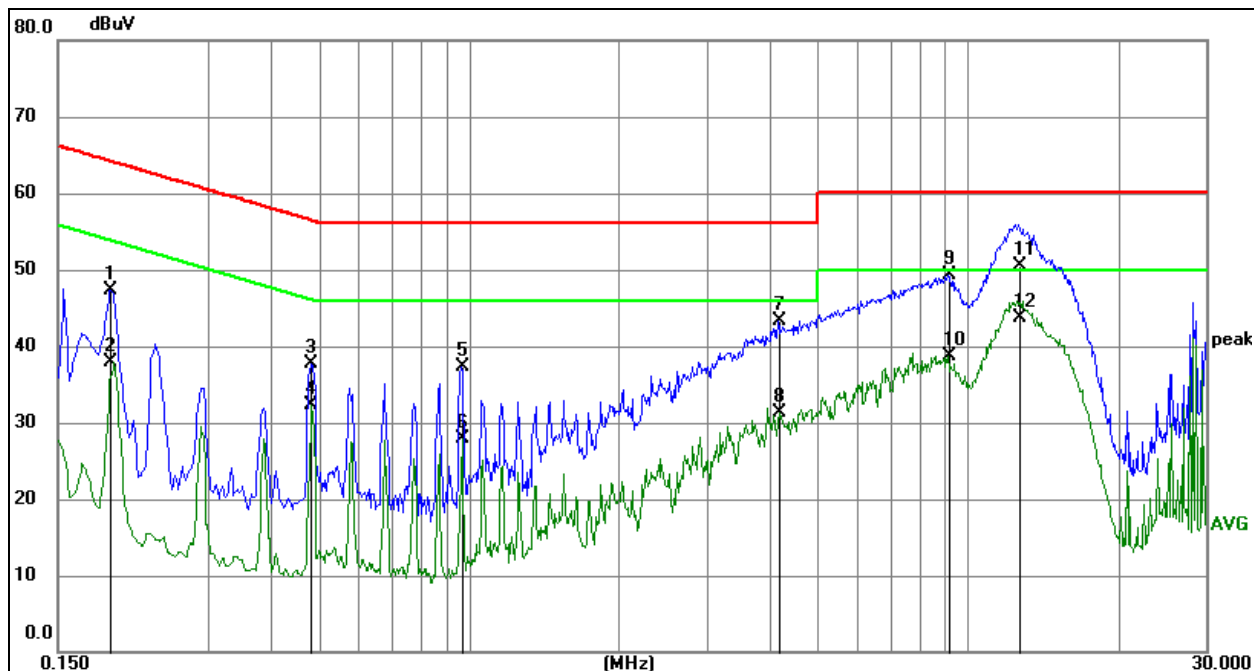
Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = LISN factor + Cable Loss+ Limiter (10dB).
3. Margin = (Reading+ Factor)-Limit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.4875	28.57	10.52	39.09	56.21	-17.12	QP	P
2	0.4875	22.63	10.52	33.15	46.21	-13.06	AVG	P
3	0.5820	26.00	10.53	36.53	56.00	-19.47	QP	P
4	0.5820	20.59	10.53	31.12	46.00	-14.88	AVG	P
5	0.9645	27.31	10.53	37.84	56.00	-18.16	QP	P
6	2.9130	27.40	10.55	37.95	56.00	-18.05	QP	P
7	2.9130	15.97	10.55	26.52	46.00	-19.48	AVG	P
8	8.5605	37.61	11.10	48.71	60.00	-11.29	QP	P
9	8.5605	28.23	11.10	39.33	50.00	-10.67	AVG	P
10	12.6960	40.05	11.35	51.40	60.00	-8.60	QP	P
11 *	12.6960	32.95	11.35	44.30	50.00	-5.70	AVG	P
12	12.7140	18.42	11.35	29.77	50.00	-20.23	AVG	P

* Indicates the worst data.

Temperature:	26.3 °C	Relative Humidity:	53 %
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 5	Test Voltage :	AC120V/60Hz



Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = LISN factor + Cable Loss+ Limiter (10dB).
3. Margin = (Reading+ Factor)–Limit

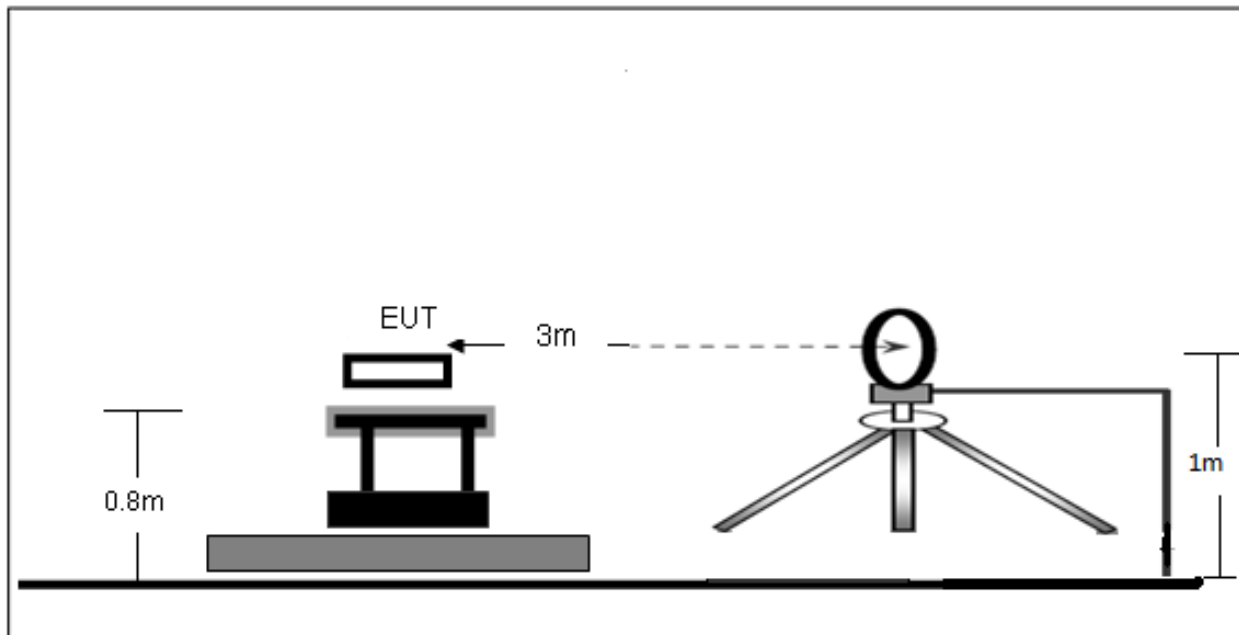
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1905	36.86	10.50	47.36	64.01	-16.65	QP	P
2	0.1905	27.38	10.50	37.88	54.01	-16.13	AVG	P
3	0.4830	27.17	10.52	37.69	56.29	-18.60	QP	P
4	0.4830	21.71	10.52	32.23	46.29	-14.06	AVG	P
5	0.9645	26.72	10.53	37.25	56.00	-18.75	QP	P
6	0.9645	17.35	10.53	27.88	46.00	-18.12	AVG	P
7	4.1774	32.55	10.68	43.23	56.00	-12.77	QP	P
8	4.1774	20.53	10.68	31.21	46.00	-14.79	AVG	P
9	9.1274	38.13	11.14	49.27	60.00	-10.73	QP	P
10	9.1274	27.58	11.14	38.72	50.00	-11.28	AVG	P
11	12.7140	39.25	11.35	50.60	60.00	-9.40	QP	P
12 *	12.7140	32.35	11.35	43.70	50.00	-6.30	AVG	P

* Indicates the worst data.

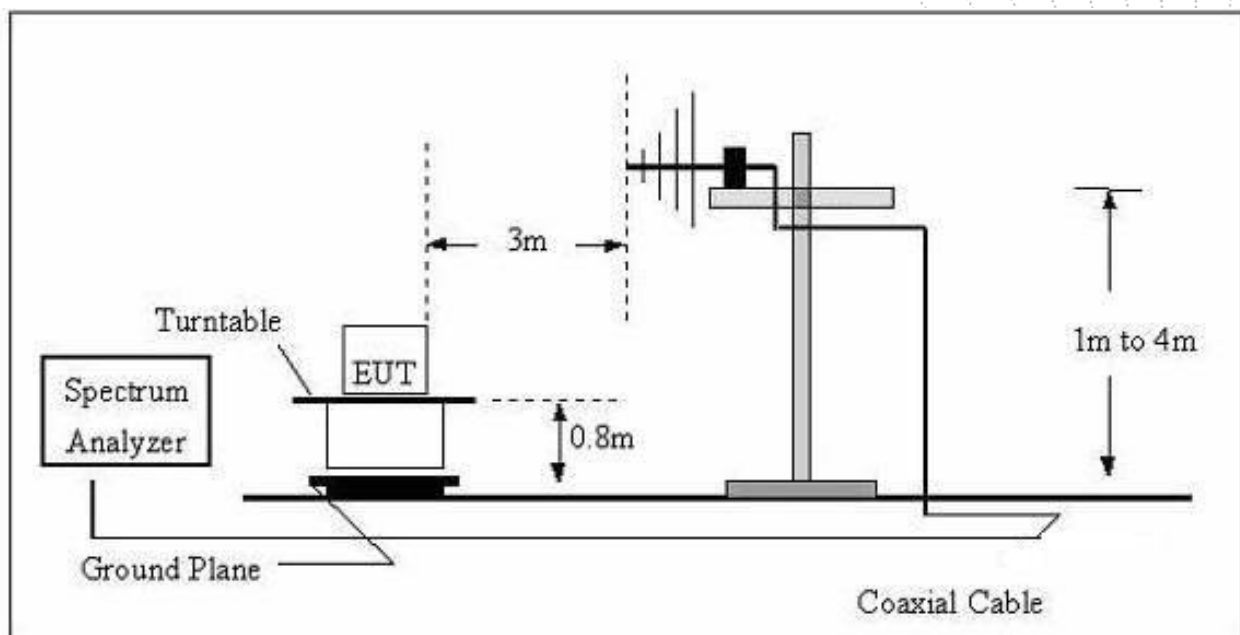
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

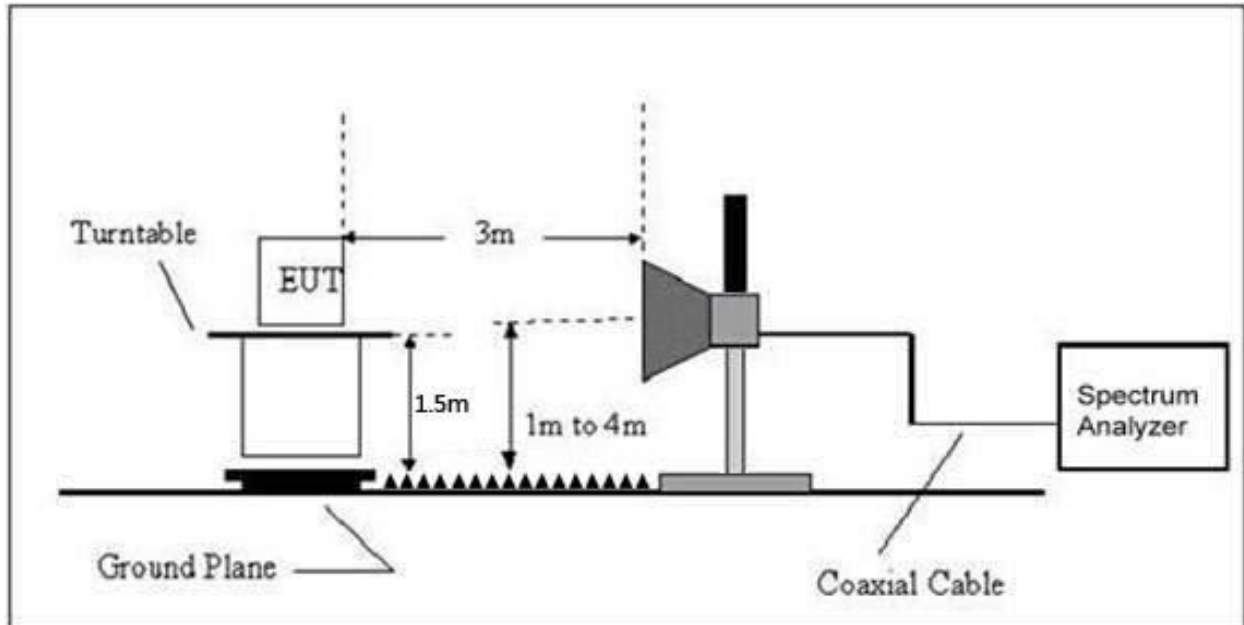
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



7.2 Limit

FCC Part15 C Section 15.209 and 15.205

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	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			

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequency (MHz)	Field Strength uV/m	Distance (m)	Field Strength Limit at 3m Distance	
			uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	$10000 * 2400/F(kHz)$	$20\log^{(2400/F(kHz))} + 80$
0.490 ~ 1.705	24000/F(kHz)	30	$100 * 24000/F(kHz)$	$20\log^{(24000/F(kHz))} + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of –27 dBm/MHz.

According 987594 D02 U-NII 6GHz EMC Measurement section G:

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

Limits Of Radiated Emission Measurement (Above 1000MHz)

Frequency (MHz)	Limit (dBuV/m) (at 3M)	
	Peak	Average
Above 1000	74	54

Notes:

(1)The limit for radiated test was performed according to FCC PART 15C.

(2)The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

7.3 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2020. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2020 and CAN/CSA-CEI/IEC CISPR 22.

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT.

Use the following spectrum analyzer settings:

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	1 MHz
	Average	1 MHz	10 Hz

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where $RBWCF [dB] = 10 \cdot \lg(100 [kHz] / \text{narrower RBW} [kHz])$. , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

7.5 Test Result

Below 30MHz

Temperature:	24.6 °C	Relative Humidity:	58 %
Pressure:	101 kPa	Test Voltage :	AC 120V/60Hz
Test Mode:	Mode 5	Polarization:	--

Freq. (MHz)	Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	State P/F
--	--	--	--	PASS
--	--	--	--	PASS

Note:

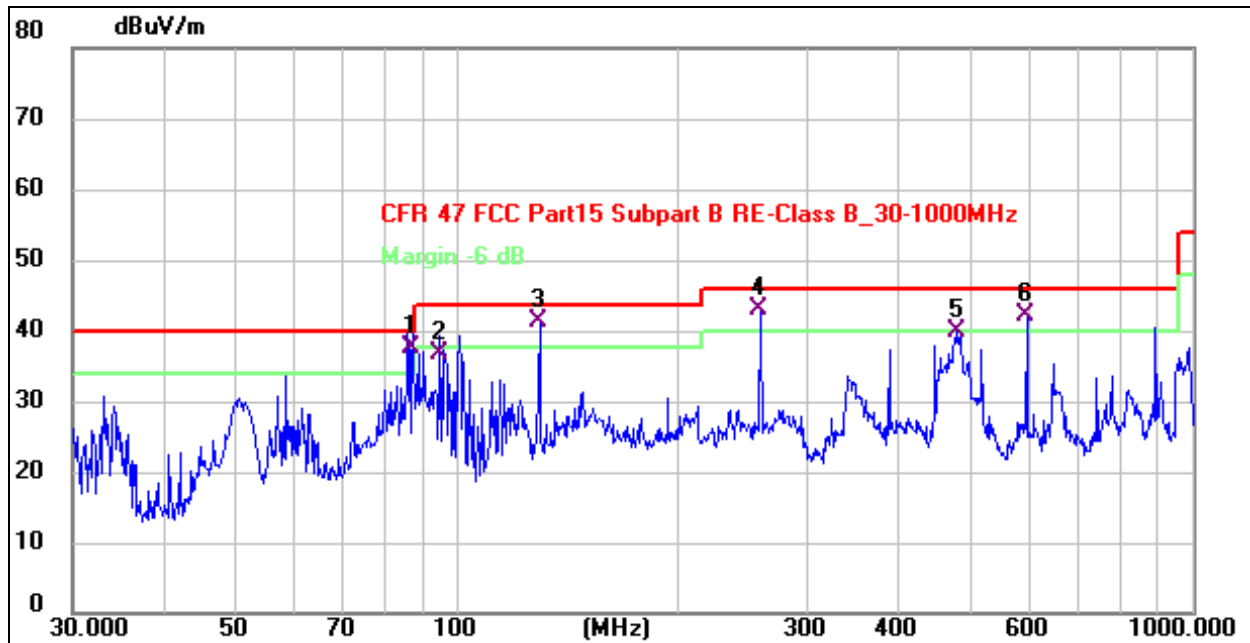
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.

Between 30MHz – 1GHz

Temperature:	24.6 °C	Relative Humidity:	58 %
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 5	Test Voltage:	AC120V/60Hz



Remark:

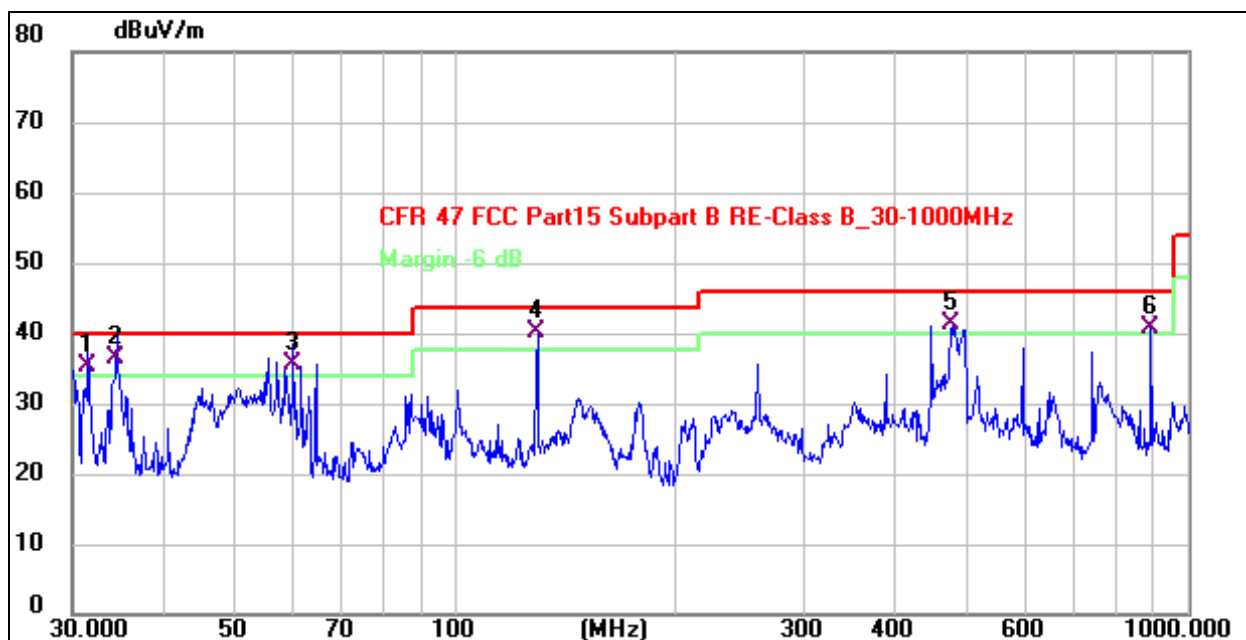
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Margin = (Reading + Factor) – Limit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1 !	86.9998	51.76	-14.17	37.59	40.00	-2.41	QP	200	0	P
2	94.5609	51.10	-14.32	36.78	43.50	-6.72	QP	200	0	P
3 *	129.1503	53.02	-11.60	41.42	43.50	-2.08	QP	200	0	P
4 !	258.2962	54.97	-12.08	42.89	46.00	-3.11	QP	200	0	P
5	477.1694	45.84	-6.07	39.77	46.00	-6.23	QP	200	0	P
6 !	593.3963	46.97	-4.81	42.16	46.00	-3.84	QP	200	0	P

* Indicates the worst data.

Temperature:	24.6 °C	Relative Humidity:	58 %
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 5	Test Voltage:	AC120V/60Hz



Remark:

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

Margin = (Reading + Factor) – Limit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F
1 !	31.4617	46.76	-11.56	35.20	40.00	-4.80	QP	100	360	P
2 !	34.4206	48.14	-11.57	36.57	40.00	-3.43	QP	100	360	P
3 !	59.9639	47.37	-11.81	35.56	40.00	-4.44	QP	100	360	P
4 *	129.1051	51.81	-11.62	40.19	43.50	-3.31	QP	100	360	P
5 !	475.5547	47.25	-5.99	41.26	46.00	-4.74	QP	100	360	P
6 !	890.1033	40.13	0.61	40.74	46.00	-5.26	QP	100	360	P

* Indicates the worst data.

All the modes were tested, and only the worst mode was presented. The worst mode was MIMO.
Between 1GHz – 40GHz

U-NII-5: 5955-6415MHz

Test Mode :	TX(U-NII-5: 5955-6415MHz) - 802.11ax20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5955 MHz)-Above 1G							
Vertical	4680.032	73.15	-10.35	62.80	74	-11.20	PK
Vertical	4680.032	59.92	-10.35	49.57	54	-4.43	AV
Vertical	11910.185	63.40	-0.17	63.23	68.2	-4.97	PK
Vertical	11910.185	49.10	-0.17	48.93	54	-5.07	AV
Vertical	17865.084	58.17	7.85	66.02	68.2	-2.18	PK
Vertical	17865.084	44.26	7.85	52.11	54	-1.89	AV
Horizontal	4679.149	73.99	-10.35	63.64	74	-10.36	PK
Horizontal	4679.149	59.12	-10.35	48.77	54	-5.23	AV
Horizontal	11910.098	62.96	-0.17	62.79	68.2	-5.41	PK
Horizontal	11910.098	49.53	-0.17	49.36	54	-4.64	AV
Horizontal	17865.130	58.86	7.85	66.71	68.2	-1.49	PK
Horizontal	17865.130	44.90	7.85	52.75	54	-1.25	AV
middle Channel (6175 MHz)-Above 1G							
Vertical	4592.003	71.75	-10.20	61.55	74	-12.45	PK
Vertical	4592.003	59.26	-10.20	49.06	54	-4.94	AV
Vertical	12350.168	60.83	0.83	61.66	68.2	-6.54	PK
Vertical	12350.168	49.93	0.83	50.76	54	-3.24	AV
Vertical	18525.029	59.53	-6.54	52.99	68.2	-15.21	PK
Vertical	18525.029	44.48	-6.54	37.94	54	-16.06	AV
Horizontal	4592.010	72.76	-10.20	62.56	74	-11.44	PK
Horizontal	4592.010	59.36	-10.20	49.16	54	-4.84	AV
Horizontal	12350.029	63.39	0.83	64.22	68.2	-3.98	PK
Horizontal	12350.029	49.62	0.83	50.45	54	-3.55	AV
Horizontal	18525.071	59.00	-6.54	52.46	68.2	-15.74	PK
Horizontal	18525.071	44.72	-6.54	38.18	54	-15.82	AV
High Channel (6415 MHz)-Above 1G							
Vertical	6039.122	72.74	-7.08	65.66	68.2	-2.54	PK
Vertical	6039.122	59.38	-7.08	52.30	54	-1.70	AV
Vertical	12830.003	60.48	1.47	61.95	74	-12.05	PK
Vertical	12830.003	49.77	1.47	51.24	54	-2.76	AV
Vertical	19245.097	55.39	-5.75	49.64	68.2	-18.56	PK
Vertical	19245.097	44.50	-5.75	38.75	54	-15.25	AV
Horizontal	6039.057	72.58	-7.08	65.50	68.2	-2.70	PK
Horizontal	6039.057	59.95	-7.08	52.87	54	-1.13	AV
Horizontal	12830.146	60.42	1.47	61.89	74	-12.11	PK
Horizontal	12830.146	49.32	1.47	50.79	54	-3.21	AV
Horizontal	19245.140	55.58	-5.75	49.83	68.2	-18.37	PK
Horizontal	19245.140	44.23	-5.75	38.48	54	-15.52	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-5: 5955-6415MHz) - 802.11ax40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5965 MHz)-Above 1G							
Vertical	4679.046	71.56	-10.36	61.20	74	-12.80	PK
Vertical	4679.046	59.17	-10.36	48.81	54	-5.19	AV
Vertical	11930.063	61.05	-0.19	60.86	74	-13.14	PK
Vertical	11930.063	49.47	-0.19	49.28	54	-4.72	AV
Vertical	17895.097	58.33	8.16	66.49	68.2	-1.71	PK
Vertical	17895.097	44.22	8.16	52.38	54	-1.62	AV
Horizontal	4679.029	72.65	-10.36	62.29	74	-11.71	PK
Horizontal	4679.029	59.33	-10.36	48.97	54	-5.03	AV
Horizontal	11930.083	60.56	-0.19	60.37	74	-13.63	PK
Horizontal	11930.083	49.53	-0.19	49.34	54	-4.66	AV
Horizontal	17895.046	59.54	8.16	67.70	68.2	-0.50	PK
Horizontal	17895.046	44.05	8.16	52.21	54	-1.79	AV
middle Channel (6165 MHz)-Above 1G							
Vertical	6039.027	72.21	-7.08	65.13	68.2	-3.07	PK
Vertical	6039.027	59.47	-7.08	52.39	54	-1.61	AV
Vertical	12330.195	63.89	1.48	65.37	74	-8.63	PK
Vertical	12330.195	49.90	1.48	51.38	54	-2.62	AV
Vertical	18495.127	57.38	-6.6	50.78	68.2	-17.42	PK
Vertical	18495.127	44.84	-6.6	38.24	54	-15.76	AV
Horizontal	6039.053	73.76	-7.08	66.68	68.2	-1.52	PK
Horizontal	6039.053	59.90	-7.08	52.82	54	-1.18	AV
Horizontal	12330.141	62.22	1.48	63.70	74	-10.30	PK
Horizontal	12330.141	49.33	1.48	50.81	54	-3.19	AV
Horizontal	18495.169	59.01	-6.6	52.41	68.2	-15.79	PK
Horizontal	18495.169	44.34	-6.6	37.74	54	-16.26	AV
High Channel (6405 MHz)-Above 1G							
Vertical	6039.068	74.73	-7.07	67.66	68.2	-0.54	PK
Vertical	6039.068	59.16	-7.07	52.09	54	-1.91	AV
Vertical	12810.071	64.11	1.48	65.59	74	-8.41	PK
Vertical	12810.071	49.78	1.48	51.26	54	-2.74	AV
Vertical	19215.135	55.59	-5.77	49.82	68.2	-18.38	PK
Vertical	19215.135	44.95	-5.77	39.18	54	-14.82	AV
Horizontal	6039.094	71.85	-7.07	64.78	68.2	-3.42	PK
Horizontal	6039.094	59.44	-7.07	52.37	54	-1.63	AV
Horizontal	12810.021	60.34	1.48	61.82	74	-12.18	PK
Horizontal	12810.021	49.47	1.48	50.95	54	-3.05	AV
Horizontal	19215.011	56.44	-5.77	50.67	68.2	-17.53	PK
Horizontal	19215.011	44.09	-5.77	38.32	54	-15.68	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-5: 5955-6415MHz)- 802.11ax80
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5985 MHz)-Above 1G							
Vertical	4679.122	74.97	-10.36	64.61	74	-9.39	PK
Vertical	4679.122	59.01	-10.36	48.65	54	-5.35	AV
Vertical	11970.139	60.42	-0.24	60.18	74	-13.82	PK
Vertical	11970.139	49.37	-0.24	49.13	54	-4.87	AV
Vertical	17955.190	56.05	8.3	64.35	68.2	-3.85	PK
Vertical	17955.190	44.82	8.3	53.12	54	-0.88	AV
Horizontal	4679.196	74.15	-10.36	63.79	74	-10.21	PK
Horizontal	4679.196	59.70	-10.36	49.34	54	-4.66	AV
Horizontal	11970.047	61.48	-0.24	61.24	74	-12.76	PK
Horizontal	11970.047	49.91	-0.24	49.67	54	-4.33	AV
Horizontal	17955.136	58.57	8.3	66.87	68.2	-1.33	PK
Horizontal	17955.136	44.63	8.3	52.93	54	-1.07	AV
Middle Channel (6145 MHz)-Above 1G							
Vertical	6039.058	72.93	-7.08	65.85	68.2	-2.35	PK
Vertical	6039.058	59.87	-7.08	52.79	54	-1.21	AV
Vertical	12290.115	63.95	0.84	64.79	74	-9.21	PK
Vertical	12290.115	49.86	0.84	50.70	54	-3.30	AV
Vertical	18435.050	59.64	-6.72	52.92	68.2	-15.28	PK
Vertical	18435.050	44.54	-6.72	37.82	54	-16.18	AV
Horizontal	6039.136	72.66	-7.08	65.58	68.2	-2.62	PK
Horizontal	6039.136	59.06	-7.08	51.98	54	-2.02	AV
Horizontal	12290.180	64.31	0.84	65.15	74	-8.85	PK
Horizontal	12290.180	49.22	0.84	50.06	54	-3.94	AV
Horizontal	18435.023	59.45	-6.72	52.73	68.2	-15.47	PK
Horizontal	18435.023	44.37	-6.72	37.65	54	-16.35	AV
High Channel (6385 MHz)-Above 1G							
Vertical	6039.181	73.59	-7.08	66.51	68.2	-1.69	PK
Vertical	6039.181	59.23	-7.08	52.15	54	-1.85	AV
Vertical	12770.135	60.57	1.32	61.89	74	-12.11	PK
Vertical	12770.135	49.73	1.32	51.05	54	-2.95	AV
Vertical	19155.160	57.65	-5.8	51.85	68.2	-16.35	PK
Vertical	19155.160	44.81	-5.8	39.01	54	-14.99	AV
Horizontal	6039.136	74.60	-7.08	67.52	68.2	-0.68	PK
Horizontal	6039.136	59.70	-7.08	52.62	54	-1.38	AV
Horizontal	12770.095	62.51	1.32	63.83	74	-10.17	PK
Horizontal	12770.095	49.65	1.32	50.97	54	-3.03	AV
Horizontal	19155.167	59.31	-5.8	53.51	68.2	-14.69	PK
Horizontal	19155.167	44.71	-5.8	38.91	54	-15.09	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-5: 5955-6415MHz) - 802.11ax160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6025 MHz)-Above 1G							
Vertical	4679.033	71.61	-10.36	61.25	74	-12.75	PK
Vertical	4679.033	59.85	-10.36	49.49	54	-4.51	AV
Vertical	12050.102	61.31	0.23	61.54	74	-12.46	PK
Vertical	12050.102	49.31	0.23	49.54	54	-4.46	AV
Vertical	18075.028	55.04	-7.14	47.90	68.2	-20.30	PK
Vertical	18075.028	44.39	-7.14	37.25	54	-16.75	AV
Horizontal	4679.090	70.79	-10.36	60.43	74	-13.57	PK
Horizontal	4679.090	59.36	-10.36	49.00	54	-5.00	AV
Horizontal	12050.153	60.27	0.23	60.50	74	-13.50	PK
Horizontal	12050.153	49.89	0.23	50.12	54	-3.88	AV
Horizontal	18075.108	58.65	-7.14	51.51	68.2	-16.69	PK
Horizontal	18075.108	44.65	-7.14	37.51	54	-16.49	AV
middle Channel (6185 MHz)-Above 1G							
Vertical	6039.013	73.21	-7.08	66.13	68.2	-2.07	PK
Vertical	6039.013	59.21	-7.08	52.13	54	-1.87	AV
Vertical	12370.089	63.27	0.8	64.07	74	-9.93	PK
Vertical	12370.089	49.95	0.8	50.75	54	-3.25	AV
Vertical	18555.185	55.98	-6.5	49.48	68.2	-18.72	PK
Vertical	18555.185	44.17	-6.5	37.67	54	-16.33	AV
Horizontal	6039.181	70.75	-7.08	63.67	68.2	-4.53	PK
Horizontal	6039.181	59.77	-7.08	52.69	54	-1.31	AV
Horizontal	12370.009	62.29	0.8	63.09	74	-10.91	PK
Horizontal	12370.009	49.16	0.8	49.96	54	-4.04	AV
Horizontal	18555.129	55.20	-6.5	48.70	68.2	-19.50	PK
Horizontal	18555.129	44.31	-6.5	37.81	54	-16.19	AV
High Channel (6345 MHz)-Above 1G							
Vertical	6039.198	72.19	-7.08	65.11	68.2	-3.09	PK
Vertical	6039.198	59.67	-7.08	52.59	54	-1.41	AV
Vertical	12690.072	64.47	0.94	65.41	74	-8.59	PK
Vertical	12690.072	49.38	0.94	50.32	54	-3.68	AV
Vertical	19035.145	59.69	-5.89	53.80	68.2	-14.40	PK
Vertical	19035.145	44.56	-5.89	38.67	54	-15.33	AV
Horizontal	6039.029	73.99	-7.08	66.91	68.2	-1.29	PK
Horizontal	6039.029	59.15	-7.08	52.07	54	-1.93	AV
Horizontal	12690.160	63.99	0.94	64.93	74	-9.07	PK
Horizontal	12690.160	49.99	0.94	50.93	54	-3.07	AV
Horizontal	19035.095	57.22	-5.89	51.33	68.2	-16.87	PK
Horizontal	19035.095	44.30	-5.89	38.41	54	-15.59	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-5: 5955-6415MHz) - 802.11be20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5955 MHz)-Above 1G							
Vertical	4681.404	71.98	-10.35	61.63	74	-12.37	PK
Vertical	4681.404	59.88	-10.35	49.53	54	-4.47	AV
Vertical	11910.050	60.55	-0.17	60.38	68.2	-7.82	PK
Vertical	11910.050	49.15	-0.17	48.98	54	-5.02	AV
Vertical	17865.152	58.56	7.85	66.41	68.2	-1.79	PK
Vertical	17865.152	44.14	7.85	51.99	54	-2.01	AV
Horizontal	4679.148	74.69	-10.35	64.34	74	-9.66	PK
Horizontal	4679.148	59.58	-10.35	49.23	54	-4.77	AV
Horizontal	11910.150	64.54	-0.17	64.37	68.2	-3.83	PK
Horizontal	11910.150	49.36	-0.17	49.19	54	-4.81	AV
Horizontal	17865.024	59.15	7.85	67.00	68.2	-1.20	PK
Horizontal	17865.024	44.83	7.85	52.68	54	-1.32	AV
middle Channel (6175 MHz)-Above 1G							
Vertical	4592.173	74.18	-10.20	63.98	74	-10.02	PK
Vertical	4592.173	59.00	-10.20	48.80	54	-5.20	AV
Vertical	12350.083	61.84	0.83	62.67	68.2	-5.53	PK
Vertical	12350.083	49.44	0.83	50.27	54	-3.73	AV
Vertical	18525.136	56.53	-6.54	49.99	68.2	-18.21	PK
Vertical	18525.136	44.64	-6.54	38.10	54	-15.90	AV
Horizontal	4592.107	74.29	-10.20	64.09	74	-9.91	PK
Horizontal	4592.107	59.45	-10.20	49.25	54	-4.75	AV
Horizontal	12350.097	61.76	0.83	62.59	68.2	-5.61	PK
Horizontal	12350.097	49.61	0.83	50.44	54	-3.56	AV
Horizontal	18525.183	57.11	-6.54	50.57	68.2	-17.63	PK
Horizontal	18525.183	44.83	-6.54	38.29	54	-15.71	AV
High Channel (6415 MHz)-Above 1G							
Vertical	6039.179	73.79	-7.08	66.71	68.2	-1.49	PK
Vertical	6039.179	59.48	-7.08	52.40	54	-1.60	AV
Vertical	12830.158	64.66	1.47	66.13	74	-7.87	PK
Vertical	12830.158	49.06	1.47	50.53	54	-3.47	AV
Vertical	19245.003	58.91	-5.75	53.16	68.2	-15.04	PK
Vertical	19245.003	44.42	-5.75	38.67	54	-15.33	AV
Horizontal	6039.095	73.44	-7.08	66.36	68.2	-1.84	PK
Horizontal	6039.095	59.34	-7.08	52.26	54	-1.74	AV
Horizontal	12830.003	62.63	1.47	64.10	74	-9.90	PK
Horizontal	12830.003	49.19	1.47	50.66	54	-3.34	AV
Horizontal	19245.040	59.51	-5.75	53.76	68.2	-14.44	PK
Horizontal	19245.040	44.52	-5.75	38.77	54	-15.23	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-5: 5955-6415MHz) - 802.11be40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5965 MHz)-Above 1G							
Vertical	4679.160	71.72	-10.36	61.36	74	-12.64	PK
Vertical	4679.160	59.64	-10.36	49.28	54	-4.72	AV
Vertical	11930.191	62.77	-0.19	62.58	74	-11.42	PK
Vertical	11930.191	49.96	-0.19	49.77	54	-4.23	AV
Vertical	17895.146	58.01	8.16	66.17	68.2	-2.03	PK
Vertical	17895.146	44.20	8.16	52.36	54	-1.64	AV
Horizontal	4679.121	73.35	-10.36	62.99	74	-11.01	PK
Horizontal	4679.121	59.39	-10.36	49.03	54	-4.97	AV
Horizontal	11930.023	60.36	-0.19	60.17	74	-13.83	PK
Horizontal	11930.023	49.47	-0.19	49.28	54	-4.72	AV
Horizontal	17895.025	59.69	8.16	67.85	68.2	-0.35	PK
Horizontal	17895.025	44.70	8.16	52.86	54	-1.14	AV
middle Channel (6165 MHz)-Above 1G							
Vertical	6039.127	73.73	-7.08	66.65	68.2	-1.55	PK
Vertical	6039.127	59.31	-7.08	52.23	54	-1.77	AV
Vertical	12330.134	60.61	1.48	62.09	74	-11.91	PK
Vertical	12330.134	49.65	1.48	51.13	54	-2.87	AV
Vertical	18495.074	56.66	-6.6	50.06	68.2	-18.14	PK
Vertical	18495.074	44.37	-6.6	37.77	54	-16.23	AV
Horizontal	6039.054	72.30	-7.08	65.22	68.2	-2.98	PK
Horizontal	6039.054	59.98	-7.08	52.90	54	-1.10	AV
Horizontal	12330.090	62.40	1.48	63.88	74	-10.12	PK
Horizontal	12330.090	49.85	1.48	51.33	54	-2.67	AV
Horizontal	18495.034	57.84	-6.6	51.24	68.2	-16.96	PK
Horizontal	18495.034	44.13	-6.6	37.53	54	-16.47	AV
High Channel (6405 MHz)-Above 1G							
Vertical	6039.125	72.59	-7.07	65.52	68.2	-2.68	PK
Vertical	6039.125	59.33	-7.07	52.26	54	-1.74	AV
Vertical	12810.145	64.90	1.48	66.38	74	-7.62	PK
Vertical	12810.145	49.12	1.48	50.60	54	-3.40	AV
Vertical	19215.100	56.47	-5.77	50.70	68.2	-17.50	PK
Vertical	19215.100	44.39	-5.77	38.62	54	-15.38	AV
Horizontal	6039.190	71.12	-7.07	64.05	68.2	-4.15	PK
Horizontal	6039.190	59.71	-7.07	52.64	54	-1.36	AV
Horizontal	12810.100	62.08	1.48	63.56	74	-10.44	PK
Horizontal	12810.100	49.62	1.48	51.10	54	-2.90	AV
Horizontal	19215.029	56.03	-5.77	50.26	68.2	-17.94	PK
Horizontal	19215.029	44.63	-5.77	38.86	54	-15.14	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-5: 5955-6415MHz)- 802.11be80
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5985 MHz)-Above 1G							
Vertical	4679.069	70.52	-10.36	60.16	74	-13.84	PK
Vertical	4679.069	59.07	-10.36	48.71	54	-5.29	AV
Vertical	11970.038	60.97	-0.24	60.73	74	-13.27	PK
Vertical	11970.038	49.57	-0.24	49.33	54	-4.67	AV
Vertical	17955.051	55.36	8.3	63.66	68.2	-4.54	PK
Vertical	17955.051	44.78	8.3	53.08	54	-0.92	AV
Horizontal	4679.190	72.94	-10.36	62.58	74	-11.42	PK
Horizontal	4679.190	59.59	-10.36	49.23	54	-4.77	AV
Horizontal	11970.042	62.36	-0.24	62.12	74	-11.88	PK
Horizontal	11970.042	49.31	-0.24	49.07	54	-4.93	AV
Horizontal	17955.138	56.76	8.3	65.06	68.2	-3.14	PK
Horizontal	17955.138	44.63	8.3	52.93	54	-1.07	AV
Middle Channel (6145 MHz)-Above 1G							
Vertical	6039.177	74.59	-7.08	67.51	68.2	-0.69	PK
Vertical	6039.177	59.50	-7.08	52.42	54	-1.58	AV
Vertical	12290.072	63.80	0.84	64.64	74	-9.36	PK
Vertical	12290.072	49.48	0.84	50.32	54	-3.68	AV
Vertical	18435.171	58.29	-6.72	51.57	68.2	-16.63	PK
Vertical	18435.171	44.71	-6.72	37.99	54	-16.01	AV
Horizontal	6039.007	72.29	-7.08	65.21	68.2	-2.99	PK
Horizontal	6039.007	59.38	-7.08	52.30	54	-1.70	AV
Horizontal	12290.012	64.68	0.84	65.52	74	-8.48	PK
Horizontal	12290.012	49.75	0.84	50.59	54	-3.41	AV
Horizontal	18435.143	57.20	-6.72	50.48	68.2	-17.72	PK
Horizontal	18435.143	44.39	-6.72	37.67	54	-16.33	AV
High Channel (6385 MHz)-Above 1G							
Vertical	6039.022	72.51	-7.08	65.43	68.2	-2.77	PK
Vertical	6039.022	59.93	-7.08	52.85	54	-1.15	AV
Vertical	12770.108	61.84	1.32	63.16	74	-10.84	PK
Vertical	12770.108	49.51	1.32	50.83	54	-3.17	AV
Vertical	19155.105	57.31	-5.8	51.51	68.2	-16.69	PK
Vertical	19155.105	44.11	-5.8	38.31	54	-15.69	AV
Horizontal	6039.112	71.19	-7.08	64.11	68.2	-4.09	PK
Horizontal	6039.112	59.65	-7.08	52.57	54	-1.43	AV
Horizontal	12770.176	60.42	1.32	61.74	74	-12.26	PK
Horizontal	12770.176	49.48	1.32	50.80	54	-3.20	AV
Horizontal	19155.079	58.93	-5.8	53.13	68.2	-15.07	PK
Horizontal	19155.079	44.59	-5.8	38.79	54	-15.21	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-5: 5955-6415MHz) - 802.11be160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6025 MHz)-Above 1G							
Vertical	4679.081	71.70	-10.36	61.34	74	-12.66	PK
Vertical	4679.081	59.65	-10.36	49.29	54	-4.71	AV
Vertical	12050.017	64.55	0.23	64.78	74	-9.22	PK
Vertical	12050.017	49.04	0.23	49.27	54	-4.73	AV
Vertical	18075.014	56.59	-7.14	49.45	68.2	-18.75	PK
Vertical	18075.014	44.72	-7.14	37.58	54	-16.42	AV
Horizontal	4679.104	71.78	-10.36	61.42	74	-12.58	PK
Horizontal	4679.104	59.04	-10.36	48.68	54	-5.32	AV
Horizontal	12050.085	62.67	0.23	62.90	74	-11.10	PK
Horizontal	12050.085	49.70	0.23	49.93	54	-4.07	AV
Horizontal	18075.042	56.94	-7.14	49.80	68.2	-18.40	PK
Horizontal	18075.042	44.14	-7.14	37.00	54	-17.00	AV
middle Channel (6185 MHz)-Above 1G							
Vertical	6039.099	71.45	-7.08	64.37	68.2	-3.83	PK
Vertical	6039.099	59.89	-7.08	52.81	54	-1.19	AV
Vertical	12370.062	60.80	0.8	61.60	74	-12.40	PK
Vertical	12370.062	49.81	0.8	50.61	54	-3.39	AV
Vertical	18555.057	59.00	-6.5	52.50	68.2	-15.70	PK
Vertical	18555.057	44.63	-6.5	38.13	54	-15.87	AV
Horizontal	6039.134	74.61	-7.08	67.53	68.2	-0.67	PK
Horizontal	6039.134	59.20	-7.08	52.12	54	-1.88	AV
Horizontal	12370.081	63.65	0.8	64.45	74	-9.55	PK
Horizontal	12370.081	49.60	0.8	50.40	54	-3.60	AV
Horizontal	18555.105	56.75	-6.5	50.25	68.2	-17.95	PK
Horizontal	18555.105	44.40	-6.5	37.90	54	-16.10	AV
High Channel (6345 MHz)-Above 1G							
Vertical	6039.068	70.85	-7.08	63.77	68.2	-4.43	PK
Vertical	6039.068	59.19	-7.08	52.11	54	-1.89	AV
Vertical	12690.115	61.37	0.94	62.31	74	-11.69	PK
Vertical	12690.115	49.28	0.94	50.22	54	-3.78	AV
Vertical	19035.069	56.74	-5.89	50.85	68.2	-17.35	PK
Vertical	19035.069	44.21	-5.89	38.32	54	-15.68	AV
Horizontal	6039.062	70.08	-7.08	63.00	68.2	-5.20	PK
Horizontal	6039.062	59.14	-7.08	52.06	54	-1.94	AV
Horizontal	12690.004	60.91	0.94	61.85	74	-12.15	PK
Horizontal	12690.004	49.59	0.94	50.53	54	-3.47	AV
Horizontal	19035.186	59.24	-5.89	53.35	68.2	-14.85	PK
Horizontal	19035.186	44.90	-5.89	39.01	54	-14.99	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

U-NII-6: 6435-6515MHz

Test Mode :	TX(U-NII-6: 6435-6515MHz) - 802.11ax20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6435 MHz)-Above 1G							
Vertical	4682.408	71.05	-10.35	60.70	74	-13.30	PK
Vertical	4682.408	59.69	-10.35	49.34	54	-4.66	AV
Vertical	12870.076	62.69	1.43	64.12	68.2	-4.08	PK
Vertical	12870.076	49.73	1.43	51.16	54	-2.84	AV
Vertical	19305.164	58.07	-5.76	52.31	68.2	-15.89	PK
Vertical	19305.164	44.41	-5.76	38.65	54	-15.35	AV
Horizontal	4679.113	72.36	-10.35	62.01	74	-11.99	PK
Horizontal	4679.113	59.52	-10.35	49.17	54	-4.83	AV
Horizontal	12870.059	61.91	1.43	63.34	68.2	-4.86	PK
Horizontal	12870.059	49.50	1.43	50.93	54	-3.07	AV
Horizontal	19305.085	59.27	-5.76	53.51	68.2	-14.69	PK
Horizontal	19305.085	44.99	-5.76	39.23	54	-14.77	AV
middle Channel (6475 MHz)-Above 1G							
Vertical	4592.006	74.44	-10.20	64.24	74	-9.76	PK
Vertical	4592.006	59.41	-10.20	49.21	54	-4.79	AV
Vertical	12950.176	63.16	1.43	64.59	68.2	-3.61	PK
Vertical	12950.176	49.84	1.43	51.27	54	-2.73	AV
Vertical	19425.032	56.60	-5.78	50.82	68.2	-17.38	PK
Vertical	19425.032	44.80	-5.78	39.02	54	-14.98	AV
Horizontal	4592.134	74.74	-10.20	64.54	74	-9.46	PK
Horizontal	4592.134	59.15	-10.20	48.95	54	-5.05	AV
Horizontal	12950.053	63.12	1.43	64.55	68.2	-3.65	PK
Horizontal	12950.053	49.16	1.43	50.59	54	-3.41	AV
Horizontal	19425.110	56.58	-5.78	50.80	68.2	-17.40	PK
Horizontal	19425.110	44.24	-5.78	38.46	54	-15.54	AV
High Channel (6515 MHz)-Above 1G							
Vertical	6039.064	73.77	-7.07	66.70	68.2	-1.50	PK
Vertical	6039.064	59.36	-7.07	52.29	54	-1.71	AV
Vertical	13030.042	64.95	1.60	66.55	74	-7.45	PK
Vertical	13030.042	49.37	1.60	50.97	54	-3.03	AV
Vertical	19545.017	55.41	-5.81	49.60	68.2	-18.60	PK
Vertical	19545.017	44.89	-5.81	39.08	54	-14.92	AV
Horizontal	6039.190	74.32	-7.07	67.25	68.2	-0.95	PK
Horizontal	6039.190	59.30	-7.07	52.23	54	-1.77	AV
Horizontal	13030.043	63.22	1.60	64.82	74	-9.18	PK
Horizontal	13030.043	49.94	1.60	51.54	54	-2.46	AV
Horizontal	19545.074	55.14	-5.81	49.33	68.2	-18.87	PK
Horizontal	19545.074	44.41	-5.81	38.60	54	-15.40	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-6: 6435-6515MHz) - 802.11ax40
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6445 MHz)-Above 1G							
Vertical	4679.180	72.83	-10.36	62.47	74	-11.53	PK
Vertical	4679.180	59.40	-10.36	49.04	54	-4.96	AV
Vertical	12890.169	64.66	1.42	66.08	74	-7.92	PK
Vertical	12890.169	49.22	1.42	50.64	54	-3.36	AV
Vertical	19335.176	55.21	-5.76	49.45	68.2	-18.75	PK
Vertical	19335.176	44.47	-5.76	38.71	54	-15.29	AV
Horizontal	4679.170	71.86	-10.36	61.50	74	-12.50	PK
Horizontal	4679.170	59.08	-10.36	48.72	54	-5.28	AV
Horizontal	12890.003	62.16	1.42	63.58	74	-10.42	PK
Horizontal	12890.003	49.99	1.42	51.41	54	-2.59	AV
Horizontal	19335.184	56.30	-5.76	50.54	68.2	-17.66	PK
Horizontal	19335.184	44.52	-5.76	38.76	54	-15.24	AV
middle Channel (6485 MHz)-Above 1G							
Vertical	6039.192	70.51	-7.07	63.44	68.2	-4.76	PK
Vertical	6039.192	59.94	-7.07	52.87	54	-1.13	AV
Vertical	12970.194	64.43	1.44	65.87	74	-8.13	PK
Vertical	12970.194	49.32	1.44	50.76	54	-3.24	AV
Vertical	19455.185	58.65	-5.78	52.87	68.2	-15.33	PK
Vertical	19455.185	44.54	-5.78	38.76	54	-15.24	AV
Horizontal	6039.057	72.73	-7.07	65.66	68.2	-2.54	PK
Horizontal	6039.057	59.35	-7.07	52.28	54	-1.72	AV
Horizontal	12970.155	60.01	1.44	61.45	74	-12.55	PK
Horizontal	12970.155	49.32	1.44	50.76	54	-3.24	AV
Horizontal	19455.001	55.92	-5.78	50.14	68.2	-18.06	PK
Horizontal	19455.001	44.75	-5.78	38.97	54	-15.03	AV
High Channel (6525 MHz)-Above 1G							
Vertical	6039.180	73.68	-7.08	66.60	68.2	-1.60	PK
Vertical	6039.180	59.22	-7.08	52.14	54	-1.86	AV
Vertical	13050.197	63.74	1.7	65.44	74	-8.56	PK
Vertical	13050.197	49.78	1.7	51.48	54	-2.52	AV
Vertical	19575.038	58.33	-5.81	52.52	68.2	-15.68	PK
Vertical	19575.038	44.88	-5.81	39.07	54	-14.93	AV
Horizontal	6039.070	71.45	-7.08	64.37	68.2	-3.83	PK
Horizontal	6039.070	60.00	-7.08	52.92	54	-1.08	AV
Horizontal	13050.196	62.41	1.7	64.11	74	-9.89	PK
Horizontal	13050.196	49.91	1.7	51.61	54	-2.39	AV
Horizontal	19575.183	59.32	-5.81	53.51	68.2	-14.69	PK
Horizontal	19575.183	44.77	-5.81	38.96	54	-15.04	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-6: 6435-6515MHz)- 802.11ax80
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6465 MHz)-Above 1G							
Vertical	4679.185	73.87	-10.36	63.51	74	-10.49	PK
Vertical	4679.185	59.07	-10.36	48.71	54	-5.29	AV
Vertical	12930.052	63.84	1.43	65.27	74	-8.73	PK
Vertical	12930.052	49.73	1.43	51.16	54	-2.84	AV
Vertical	19395.024	55.65	-5.78	49.87	68.2	-18.33	PK
Vertical	19395.024	44.72	-5.78	38.94	54	-15.06	AV
Horizontal	4679.001	70.13	-10.36	59.77	74	-14.23	PK
Horizontal	4679.001	59.56	-10.36	49.20	54	-4.80	AV
Horizontal	12930.057	63.22	1.43	64.65	74	-9.35	PK
Horizontal	12930.057	49.63	1.43	51.06	54	-2.94	AV
Horizontal	19395.033	58.66	-5.78	52.88	68.2	-15.32	PK
Horizontal	19395.033	44.93	-5.78	39.15	54	-14.85	AV
High Channel (6545 MHz)-Above 1G							
Vertical	6039.127	70.38	-7.08	63.30	68.2	-4.90	PK
Vertical	6039.127	59.50	-7.08	52.42	54	-1.58	AV
Vertical	13090.170	61.09	1.9	62.99	74	-11.01	PK
Vertical	13090.170	49.37	1.9	51.27	54	-2.73	AV
Vertical	19635.028	55.43	-5.82	49.61	68.2	-18.59	PK
Vertical	19635.028	45.00	-5.82	39.18	54	-14.82	AV
Horizontal	6039.008	71.89	-7.08	64.81	68.2	-3.39	PK
Horizontal	6039.008	59.45	-7.08	52.37	54	-1.63	AV
Horizontal	13090.064	64.45	1.9	66.35	74	-7.65	PK
Horizontal	13090.064	49.51	1.9	51.41	54	-2.59	AV
Horizontal	19635.129	59.37	-5.82	53.55	68.2	-14.65	PK
Horizontal	19635.129	44.62	-5.82	38.80	54	-15.20	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-6: 6435-6515MHz)- 802.11ax160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6505 MHz)-Above 1G							
Vertical	4679.005	72.47	-10.36	62.11	74	-11.89	PK
Vertical	4679.005	59.73	-10.36	49.37	54	-4.63	AV
Vertical	13010.167	63.18	1.5	64.68	74	-9.32	PK
Vertical	13010.167	49.45	1.5	50.95	54	-3.05	AV
Vertical	19515.170	58.64	-5.8	52.84	68.2	-15.36	PK
Vertical	19515.170	44.05	-5.8	38.25	54	-15.75	AV
Horizontal	4679.053	74.82	-10.36	64.46	74	-9.54	PK
Horizontal	4679.053	59.37	-10.36	49.01	54	-4.99	AV
Horizontal	13010.017	61.90	1.5	63.40	74	-10.60	PK
Horizontal	13010.017	49.97	1.5	51.47	54	-2.53	AV
Horizontal	19515.148	59.41	-5.8	53.61	68.2	-14.59	PK
Horizontal	19515.148	44.67	-5.8	38.87	54	-15.13	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-6: 6435-6515MHz) - 802.11be20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6435 MHz)-Above 1G							
Vertical	4680.228	75.00	-10.35	64.65	74	-9.35	PK
Vertical	4680.228	59.25	-10.35	48.90	54	-5.10	AV
Vertical	12870.145	60.54	1.43	61.97	68.2	-6.23	PK
Vertical	12870.145	49.49	1.43	50.92	54	-3.08	AV
Vertical	19305.159	55.56	-5.76	49.80	68.2	-18.40	PK
Vertical	19305.159	44.19	-5.76	38.43	54	-15.57	AV
Horizontal	4679.139	70.29	-10.35	59.94	74	-14.06	PK
Horizontal	4679.139	59.93	-10.35	49.58	54	-4.42	AV
Horizontal	12870.073	64.98	1.43	66.41	68.2	-1.79	PK
Horizontal	12870.073	49.74	1.43	51.17	54	-2.83	AV
Horizontal	19305.122	59.08	-5.76	53.32	68.2	-14.88	PK
Horizontal	19305.122	44.95	-5.76	39.19	54	-14.81	AV
middle Channel (6475 MHz)-Above 1G							
Vertical	4592.180	70.55	-10.20	60.35	74	-13.65	PK
Vertical	4592.180	59.12	-10.20	48.92	54	-5.08	AV
Vertical	12950.127	61.47	1.43	62.90	68.2	-5.30	PK
Vertical	12950.127	49.97	1.43	51.40	54	-2.60	AV
Vertical	19425.102	55.39	-5.78	49.61	68.2	-18.59	PK
Vertical	19425.102	44.75	-5.78	38.97	54	-15.03	AV
Horizontal	4592.103	73.79	-10.20	63.59	74	-10.41	PK
Horizontal	4592.103	59.49	-10.20	49.29	54	-4.71	AV
Horizontal	12950.032	60.77	1.43	62.20	68.2	-6.00	PK
Horizontal	12950.032	49.72	1.43	51.15	54	-2.85	AV
Horizontal	19425.197	58.98	-5.78	53.20	68.2	-15.00	PK
Horizontal	19425.197	44.41	-5.78	38.63	54	-15.37	AV
High Channel (6515 MHz)-Above 1G							
Vertical	6039.016	70.59	-7.07	63.52	68.2	-4.68	PK
Vertical	6039.016	59.63	-7.07	52.56	54	-1.44	AV
Vertical	13030.150	64.83	1.60	66.43	74	-7.57	PK
Vertical	13030.150	49.26	1.60	50.86	54	-3.14	AV
Vertical	19545.080	55.23	-5.81	49.42	68.2	-18.78	PK
Vertical	19545.080	44.16	-5.81	38.35	54	-15.65	AV
Horizontal	6039.177	74.37	-7.07	67.30	68.2	-0.90	PK
Horizontal	6039.177	59.86	-7.07	52.79	54	-1.21	AV
Horizontal	13030.158	61.23	1.60	62.83	74	-11.17	PK
Horizontal	13030.158	49.08	1.60	50.68	54	-3.32	AV
Horizontal	19545.120	58.04	-5.81	52.23	68.2	-15.97	PK
Horizontal	19545.120	44.04	-5.81	38.23	54	-15.77	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-6: 6435-6515MHz) - 802.11be40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6445 MHz)-Above 1G							
Vertical	4679.144	74.57	-10.36	64.21	74	-9.79	PK
Vertical	4679.144	59.93	-10.36	49.57	54	-4.43	AV
Vertical	12890.030	61.66	1.42	63.08	74	-10.92	PK
Vertical	12890.030	49.62	1.42	51.04	54	-2.96	AV
Vertical	19335.025	59.16	-5.76	53.40	68.2	-14.80	PK
Vertical	19335.025	44.12	-5.76	38.36	54	-15.64	AV
Horizontal	4679.104	72.83	-10.36	62.47	74	-11.53	PK
Horizontal	4679.104	59.77	-10.36	49.41	54	-4.59	AV
Horizontal	12890.117	64.97	1.42	66.39	74	-7.61	PK
Horizontal	12890.117	49.23	1.42	50.65	54	-3.35	AV
Horizontal	19335.081	56.35	-5.76	50.59	68.2	-17.61	PK
Horizontal	19335.081	44.71	-5.76	38.95	54	-15.05	AV
middle Channel (6485 MHz)-Above 1G							
Vertical	6039.142	71.47	-7.07	64.40	68.2	-3.80	PK
Vertical	6039.142	59.74	-7.07	52.67	54	-1.33	AV
Vertical	12970.122	63.64	1.44	65.08	74	-8.92	PK
Vertical	12970.122	49.39	1.44	50.83	54	-3.17	AV
Vertical	19455.081	55.34	-5.78	49.56	68.2	-18.64	PK
Vertical	19455.081	44.93	-5.78	39.15	54	-14.85	AV
Horizontal	6039.098	74.94	-7.07	67.87	68.2	-0.33	PK
Horizontal	6039.098	59.75	-7.07	52.68	54	-1.32	AV
Horizontal	12970.014	60.39	1.44	61.83	74	-12.17	PK
Horizontal	12970.014	49.88	1.44	51.32	54	-2.68	AV
Horizontal	19455.012	59.24	-5.78	53.46	68.2	-14.74	PK
Horizontal	19455.012	44.35	-5.78	38.57	54	-15.43	AV
High Channel (6525 MHz)-Above 1G							
Vertical	6039.012	72.38	-7.08	65.30	68.2	-2.90	PK
Vertical	6039.012	59.37	-7.08	52.29	54	-1.71	AV
Vertical	13050.047	64.12	1.7	65.82	74	-8.18	PK
Vertical	13050.047	49.45	1.7	51.15	54	-2.85	AV
Vertical	19575.032	58.25	-5.81	52.44	68.2	-15.76	PK
Vertical	19575.032	44.85	-5.81	39.04	54	-14.96	AV
Horizontal	6039.093	70.09	-7.08	63.01	68.2	-5.19	PK
Horizontal	6039.093	59.31	-7.08	52.23	54	-1.77	AV
Horizontal	13050.021	61.53	1.7	63.23	74	-10.77	PK
Horizontal	13050.021	49.79	1.7	51.49	54	-2.51	AV
Horizontal	19575.022	55.66	-5.81	49.85	68.2	-18.35	PK
Horizontal	19575.022	44.94	-5.81	39.13	54	-14.87	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-6: 6435-6515MHz)- 802.11be80
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6465 MHz)-Above 1G							
Vertical	4679.016	72.77	-10.36	62.41	74	-11.59	PK
Vertical	4679.016	59.83	-10.36	49.47	54	-4.53	AV
Vertical	12930.028	60.24	1.43	61.67	74	-12.33	PK
Vertical	12930.028	49.44	1.43	50.87	54	-3.13	AV
Vertical	19395.084	59.34	-5.78	53.56	68.2	-14.64	PK
Vertical	19395.084	44.74	-5.78	38.96	54	-15.04	AV
Horizontal	4679.099	72.86	-10.36	62.50	74	-11.50	PK
Horizontal	4679.099	59.18	-10.36	48.82	54	-5.18	AV
Horizontal	12930.120	63.13	1.43	64.56	74	-9.44	PK
Horizontal	12930.120	49.00	1.43	50.43	54	-3.57	AV
Horizontal	19395.099	59.81	-5.78	54.03	68.2	-14.17	PK
Horizontal	19395.099	44.48	-5.78	38.70	54	-15.30	AV
High Channel (6545 MHz)-Above 1G							
Vertical	6039.176	73.96	-7.08	66.88	68.2	-1.32	PK
Vertical	6039.176	59.16	-7.08	52.08	54	-1.92	AV
Vertical	13090.046	64.75	1.9	66.65	74	-7.35	PK
Vertical	13090.046	49.06	1.9	50.96	54	-3.04	AV
Vertical	19635.050	56.79	-5.82	50.97	68.2	-17.23	PK
Vertical	19635.050	44.77	-5.82	38.95	54	-15.05	AV
Horizontal	6039.001	73.67	-7.08	66.59	68.2	-1.61	PK
Horizontal	6039.001	59.77	-7.08	52.69	54	-1.31	AV
Horizontal	13090.121	61.12	1.9	63.02	74	-10.98	PK
Horizontal	13090.121	49.86	1.9	51.76	54	-2.24	AV
Horizontal	19635.009	58.72	-5.82	52.90	68.2	-15.30	PK
Horizontal	19635.009	44.83	-5.82	39.01	54	-14.99	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-6: 6435-6515MHz)- 802.11be160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6505 MHz)-Above 1G							
Vertical	4679.178	70.73	-10.36	60.37	74	-13.63	PK
Vertical	4679.178	59.58	-10.36	49.22	54	-4.78	AV
Vertical	13010.060	61.94	1.5	63.44	74	-10.56	PK
Vertical	13010.060	49.80	1.5	51.30	54	-2.70	AV
Vertical	19515.043	58.65	-5.8	52.85	68.2	-15.35	PK
Vertical	19515.043	44.29	-5.8	38.49	54	-15.51	AV
Horizontal	4679.028	72.85	-10.36	62.49	74	-11.51	PK
Horizontal	4679.028	59.71	-10.36	49.35	54	-4.65	AV
Horizontal	13010.113	60.57	1.5	62.07	74	-11.93	PK
Horizontal	13010.113	49.00	1.5	50.50	54	-3.50	AV
Horizontal	19515.079	55.06	-5.8	49.26	68.2	-18.94	PK
Horizontal	19515.079	44.27	-5.8	38.47	54	-15.53	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

U-NII-7: 6535-6865MHz

Test Mode :	TX(U-NII-7: 6535-6865MHz) - 802.11ax20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6535 MHz)-Above 1G							
Vertical	4680.784	72.29	-10.36	61.93	74	-12.07	PK
Vertical	4680.784	59.05	-10.36	48.69	54	-5.31	AV
Vertical	13070.188	64.32	1.79	66.11	68.2	-2.09	PK
Vertical	13070.188	49.83	1.79	51.62	54	-2.38	AV
Vertical	19605.164	55.71	-5.81	49.90	68.2	-18.30	PK
Vertical	19605.164	44.53	-5.81	38.72	54	-15.28	AV
Horizontal	4679.004	71.19	-10.36	60.83	74	-13.17	PK
Horizontal	4679.004	59.71	-10.36	49.35	54	-4.65	AV
Horizontal	13070.031	64.10	1.79	65.89	68.2	-2.31	PK
Horizontal	13070.031	49.34	1.79	51.13	54	-2.87	AV
Horizontal	19605.170	55.55	-5.81	49.74	68.2	-18.46	PK
Horizontal	19605.170	44.68	-5.81	38.87	54	-15.13	AV
Middle Channel (6695 MHz)-Above 1G							
Vertical	4592.071	74.54	-10.20	64.34	74	-9.66	PK
Vertical	4592.071	59.68	-10.20	49.48	54	-4.52	AV
Vertical	13390.066	63.77	1.60	65.37	68.2	-2.83	PK
Vertical	13390.066	49.96	1.60	51.56	54	-2.44	AV
Vertical	20085.155	58.12	-5.53	52.59	68.2	-15.61	PK
Vertical	20085.155	44.38	-5.53	38.85	54	-15.15	AV
Horizontal	4592.015	70.28	-10.20	60.08	74	-13.92	PK
Horizontal	4592.015	59.28	-10.20	49.08	54	-4.92	AV
Horizontal	13390.152	62.37	1.60	63.97	68.2	-4.23	PK
Horizontal	13390.152	49.56	1.60	51.16	54	-2.84	AV
Horizontal	20085.038	57.20	-5.53	51.67	68.2	-16.53	PK
Horizontal	20085.038	44.03	-5.53	38.50	54	-15.50	AV
High Channel (6855 MHz)-Above 1G							
Vertical	6039.016	71.26	-7.08	64.18	68.2	-4.02	PK
Vertical	6039.016	59.97	-7.08	52.89	54	-1.11	AV
Vertical	13710.135	63.66	2.37	66.03	74	-7.97	PK
Vertical	13710.135	49.53	2.37	51.90	54	-2.10	AV
Vertical	20565.038	55.62	-5.55	50.07	68.2	-18.13	PK
Vertical	20565.038	44.48	-5.55	38.93	54	-15.07	AV
Horizontal	6039.008	72.18	-7.08	65.10	68.2	-3.10	PK
Horizontal	6039.008	59.39	-7.08	52.31	54	-1.69	AV
Horizontal	13710.174	63.62	2.37	65.99	74	-8.01	PK
Horizontal	13710.174	49.95	2.37	52.32	54	-1.68	AV
Horizontal	20565.000	59.96	-5.55	54.41	68.2	-13.79	PK
Horizontal	20565.000	44.40	-5.55	38.85	54	-15.15	AV
High Channel (6875 MHz)-Above 1G							
Vertical	6039.183	72.59	-7.07	65.52	68.2	-2.68	PK
Vertical	6039.183	59.16	-7.07	52.09	54	-1.91	AV
Vertical	13750.105	61.21	2.26	63.47	74	-10.53	PK
Vertical	13750.105	49.38	2.26	51.64	54	-2.36	AV
Vertical	20625.104	59.80	-5.57	54.23	68.2	-13.97	PK
Vertical	20625.104	44.87	-5.57	39.30	54	-14.70	AV
Horizontal	6039.128	72.11	-7.07	65.04	68.2	-3.16	PK

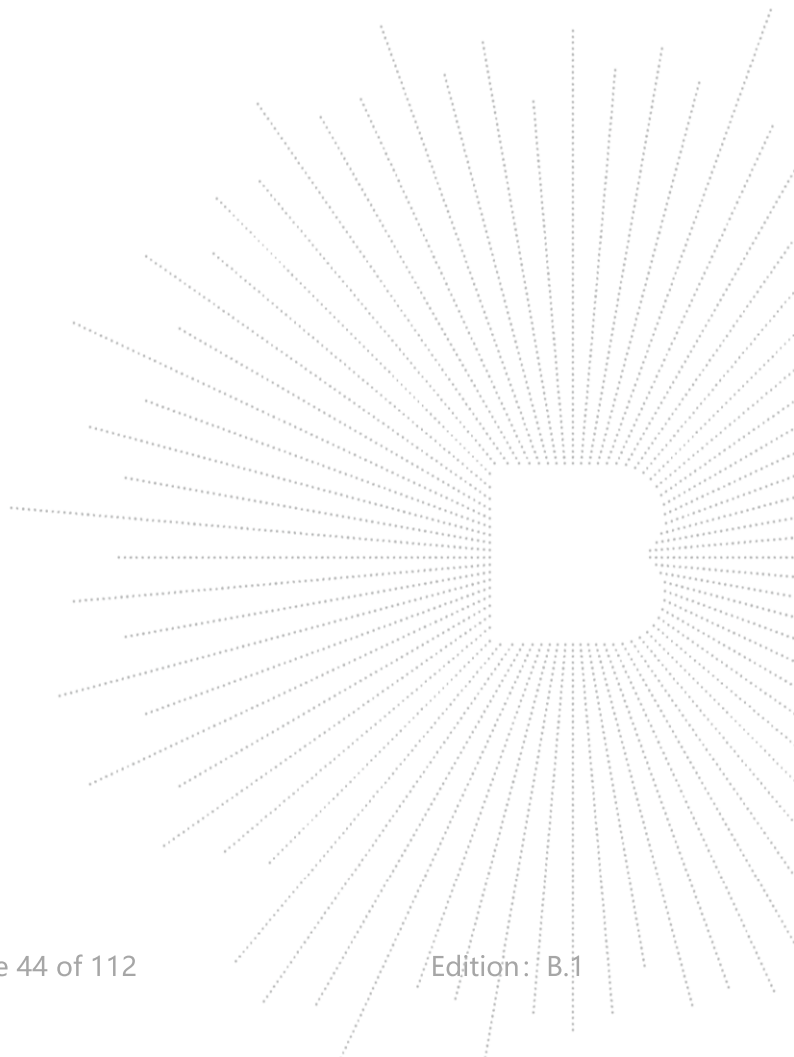
Horizontal	6039.128	59.13	-7.07	52.06	54	-1.94	AV
Horizontal	13750.135	62.05	2.26	64.31	74	-9.69	PK
Horizontal	13750.135	49.51	2.26	51.77	54	-2.23	AV
Horizontal	20625.102	57.44	-5.57	51.87	68.2	-16.33	PK
Horizontal	20625.102	44.41	-5.57	38.84	54	-15.16	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Test Mode : TX(U-NII-7: 6535-6865MHz) - 802.11ax40

Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6565 MHz)-Above 1G							
Vertical	4679.169	70.67	-10.36	60.31	74	-13.69	PK
Vertical	4679.169	59.43	-10.36	49.07	54	-4.93	AV
Vertical	13130.021	61.06	1.97	63.03	74	-10.97	PK
Vertical	13130.021	49.45	1.97	51.42	54	-2.58	AV
Vertical	19695.117	55.02	-5.83	49.19	68.2	-19.01	PK
Vertical	19695.117	44.87	-5.83	39.04	54	-14.96	AV
Horizontal	4679.071	70.77	-10.36	60.41	74	-13.59	PK
Horizontal	4679.071	59.00	-10.36	48.64	54	-5.36	AV
Horizontal	13130.096	63.41	1.97	65.38	74	-8.62	PK
Horizontal	13130.096	49.05	1.97	51.02	54	-2.98	AV
Horizontal	19695.193	56.66	-5.83	50.83	68.2	-17.37	PK
Horizontal	19695.193	44.72	-5.83	38.89	54	-15.11	AV
middle Channel (6685 MHz)-Above 1G							
Vertical	6039.028	73.28	-7.07	66.21	68.2	-1.99	PK
Vertical	6039.028	59.70	-7.07	52.63	54	-1.37	AV
Vertical	13370.106	62.96	1.54	64.50	74	-9.50	PK
Vertical	13370.106	49.34	1.54	50.88	54	-3.12	AV
Vertical	20055.159	58.37	-5.55	52.82	68.2	-15.38	PK
Vertical	20055.159	44.42	-5.55	38.87	54	-15.13	AV
Horizontal	6039.080	72.10	-7.07	65.03	68.2	-3.17	PK
Horizontal	6039.080	59.46	-7.07	52.39	54	-1.61	AV
Horizontal	13370.028	60.57	1.54	62.11	74	-11.89	PK
Horizontal	13370.028	49.77	1.54	51.31	54	-2.69	AV
Horizontal	20055.087	56.99	-5.55	51.44	68.2	-16.76	PK
Horizontal	20055.087	44.19	-5.55	38.64	54	-15.36	AV
High Channel (6845 MHz)-Above 1G							
Vertical	6039.042	72.76	-7.08	65.68	68.2	-2.52	PK
Vertical	6039.042	59.09	-7.08	52.01	54	-1.99	AV
Vertical	13690.123	61.75	2.36	64.11	74	-9.89	PK
Vertical	13690.123	49.14	2.36	51.50	54	-2.50	AV
Vertical	20535.007	58.35	-5.54	52.81	68.2	-15.39	PK
Vertical	20535.007	44.64	-5.54	39.10	54	-14.90	AV
Horizontal	6039.097	70.59	-7.08	63.51	68.2	-4.69	PK
Horizontal	6039.097	59.85	-7.08	52.77	54	-1.23	AV
Horizontal	13690.041	63.89	2.36	66.25	74	-7.75	PK
Horizontal	13690.041	49.34	2.36	51.70	54	-2.30	AV
Horizontal	20535.085	56.19	-5.54	50.65	68.2	-17.55	PK
Horizontal	20535.085	44.70	-5.54	39.16	54	-14.84	AV
High Channel (6885 MHz)-Above 1G							
Vertical	6039.087	73.69	-7.08	66.61	68.2	-1.59	PK
Vertical	6039.087	59.23	-7.08	52.15	54	-1.85	AV
Vertical	13770.066	64.11	2.19	66.30	74	-7.70	PK
Vertical	13770.066	49.21	2.19	51.40	54	-2.60	AV
Vertical	20655.176	56.54	-5.58	50.96	68.2	-17.24	PK
Vertical	20655.176	44.09	-5.58	38.51	54	-15.49	AV
Horizontal	6039.092	72.78	-7.08	65.70	68.2	-2.50	PK
Horizontal	6039.092	59.66	-7.08	52.58	54	-1.42	AV

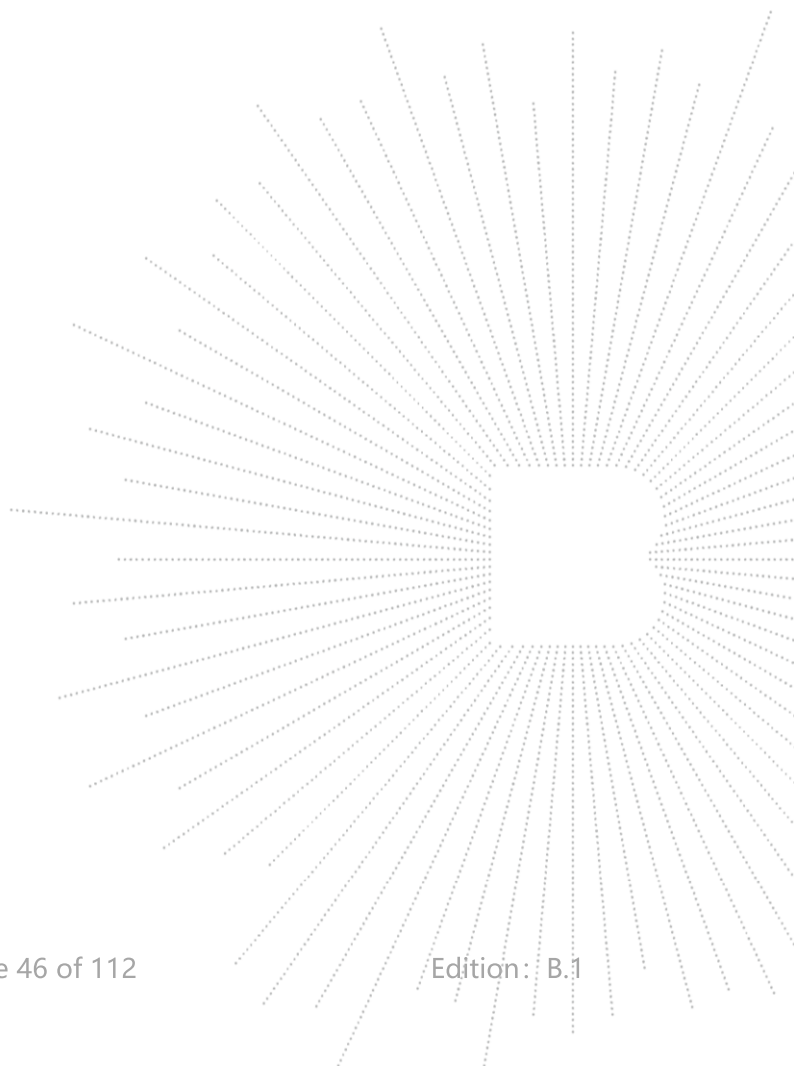
Horizontal	13770.049	63.41	2.19	65.60	74	-8.40	PK
Horizontal	13770.049	49.77	2.19	51.96	54	-2.04	AV
Horizontal	20655.067	59.97	-5.58	54.39	68.2	-13.81	PK
Horizontal	20655.067	44.08	-5.58	38.50	54	-15.50	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Test Mode :	TX(U-NII-7: 6535-6865MHz)- 802.11ax80
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6625 MHz)-Above 1G							
Vertical	4679.031	71.23	-10.36	60.87	74	-13.13	PK
Vertical	4679.031	59.75	-10.36	49.39	54	-4.61	AV
Vertical	13250.183	64.84	1.69	66.53	74	-7.47	PK
Vertical	13250.183	50.00	1.69	51.69	54	-2.31	AV
Vertical	19875.093	58.69	-5.71	52.98	68.2	-15.22	PK
Vertical	19875.093	44.69	-5.71	38.98	54	-15.02	AV
Horizontal	4679.048	70.78	-10.36	60.42	74	-13.58	PK
Horizontal	4679.048	59.20	-10.36	48.84	54	-5.16	AV
Horizontal	13250.012	64.92	1.69	66.61	74	-7.39	PK
Horizontal	13250.012	49.07	1.69	50.76	54	-3.24	AV
Horizontal	19875.079	57.13	-5.71	51.42	68.2	-16.78	PK
Horizontal	19875.079	44.76	-5.71	39.05	54	-14.95	AV
Middle Channel (6705 MHz)-Above 1G							
Vertical	6039.185	71.00	-7.08	63.92	68.2	-4.28	PK
Vertical	6039.185	59.96	-7.08	52.88	54	-1.12	AV
Vertical	13410.152	61.91	1.65	63.56	74	-10.44	PK
Vertical	13410.152	49.02	1.65	50.67	54	-3.33	AV
Vertical	20115.082	56.08	-5.51	50.57	68.2	-17.63	PK
Vertical	20115.082	44.81	-5.51	39.30	54	-14.70	AV
Horizontal	6039.065	73.93	-7.08	66.85	68.2	-1.35	PK
Horizontal	6039.065	59.94	-7.08	52.86	54	-1.14	AV
Horizontal	13410.193	63.20	1.65	64.85	74	-9.15	PK
Horizontal	13410.193	49.80	1.65	51.45	54	-2.55	AV
Horizontal	20115.015	55.10	-5.51	49.59	68.2	-18.61	PK
Horizontal	20115.015	44.57	-5.51	39.06	54	-14.94	AV
High Channel (6785 MHz)-Above 1G							
Vertical	6039.124	73.27	-7.08	66.19	68.2	-2.01	PK
Vertical	6039.124	59.11	-7.08	52.03	54	-1.97	AV
Vertical	13570.175	60.10	1.91	62.01	74	-11.99	PK
Vertical	13570.175	49.76	1.91	51.67	54	-2.33	AV
Vertical	20355.090	58.42	-5.45	52.97	68.2	-15.23	PK
Vertical	20355.090	44.66	-5.45	39.21	54	-14.79	AV
Horizontal	6039.105	71.54	-7.08	64.46	68.2	-3.74	PK
Horizontal	6039.105	59.68	-7.08	52.60	54	-1.40	AV
Horizontal	13570.180	64.03	1.91	65.94	74	-8.06	PK
Horizontal	13570.180	49.86	1.91	51.77	54	-2.23	AV
Horizontal	20355.169	56.10	-5.45	50.65	68.2	-17.55	PK
Horizontal	20355.169	44.80	-5.45	39.35	54	-14.65	AV
High Channel (6865 MHz)-Above 1G							
Vertical	6039.190	72.64	-7.08	65.56	68.2	-2.64	PK
Vertical	6039.190	59.56	-7.08	52.48	54	-1.52	AV
Vertical	13730.198	63.17	2.32	65.49	74	-8.51	PK
Vertical	13730.198	49.42	2.32	51.74	54	-2.26	AV
Vertical	20595.174	57.30	-5.57	51.73	68.2	-16.47	PK
Vertical	20595.174	44.96	-5.57	39.39	54	-14.61	AV
Horizontal	6039.140	74.80	-7.08	67.72	68.2	-0.48	PK
Horizontal	6039.140	59.06	-7.08	51.98	54	-2.02	AV
Horizontal	13730.166	64.74	2.32	67.06	74	-6.94	PK

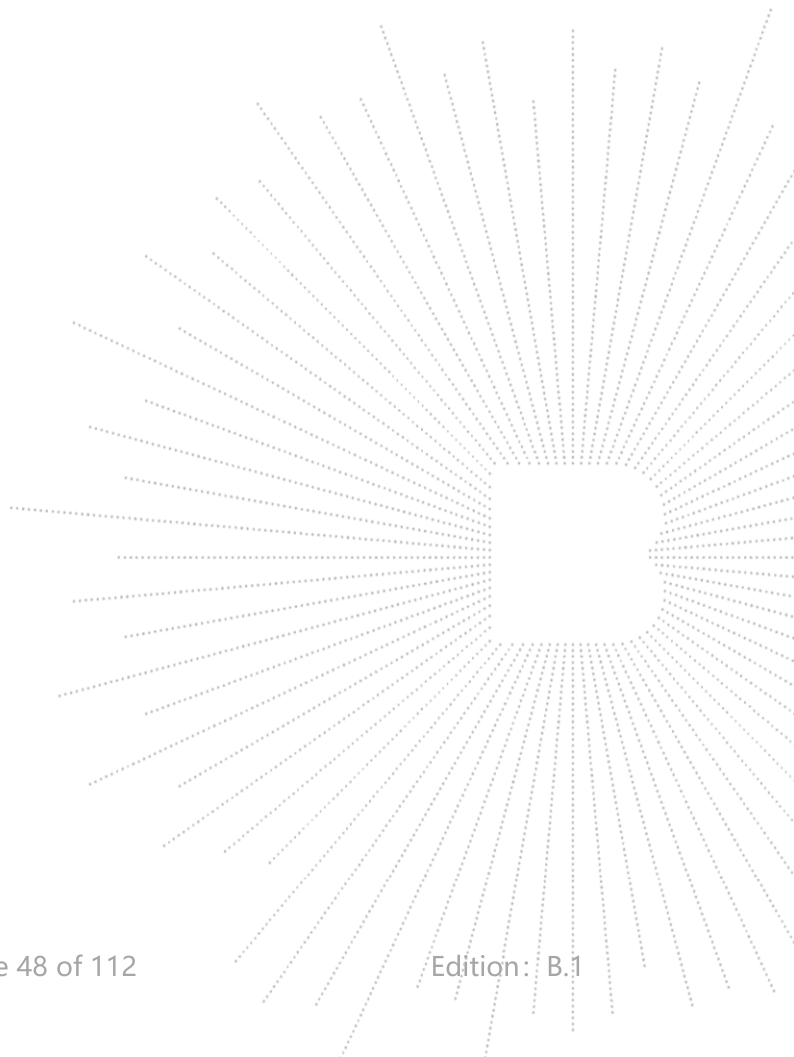
Horizontal	13730.166	49.45	2.32	51.77	54	-2.23	AV
Horizontal	20595.018	56.05	-5.57	50.48	68.2	-17.72	PK
Horizontal	20595.018	44.07	-5.57	38.50	54	-15.50	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Test Mode:	TX(U-NII-7: 6535-6865MHz)- 802.11ax160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6665 MHz)-Above 1G							
Vertical	4679.041	74.28	-10.36	63.92	74	-10.08	PK
Vertical	4679.041	59.85	-10.36	49.49	54	-4.51	AV
Vertical	13330.063	61.76	1.42	63.18	74	-10.82	PK
Vertical	13330.063	49.84	1.42	51.26	54	-2.74	AV
Vertical	19995.186	58.37	-5.59	52.78	68.2	-15.42	PK
Vertical	19995.186	44.27	-5.59	38.68	54	-15.32	AV
Horizontal	4679.168	72.78	-10.36	62.42	74	-11.58	PK
Horizontal	4679.168	59.94	-10.36	49.58	54	-4.42	AV
Horizontal	13330.018	61.77	1.42	63.19	74	-10.81	PK
Horizontal	13330.018	49.96	1.42	51.38	54	-2.62	AV
Horizontal	19995.128	55.73	-5.59	50.14	68.2	-18.06	PK
Horizontal	19995.128	44.24	-5.59	38.65	54	-15.35	AV
High Channel (6825 MHz)-Above 1G							
Vertical	6039.140	70.52	-7.08	63.44	68.2	-4.76	PK
Vertical	6039.140	59.51	-7.08	52.43	54	-1.57	AV
Vertical	13650.128	60.89	2.17	63.06	74	-10.94	PK
Vertical	13650.128	49.48	2.17	51.65	54	-2.35	AV
Vertical	20475.003	56.46	-5.51	50.95	68.2	-17.25	PK
Vertical	20475.003	44.55	-5.51	39.04	54	-14.96	AV
Horizontal	6039.078	71.76	-7.08	64.68	68.2	-3.52	PK
Horizontal	6039.078	59.37	-7.08	52.29	54	-1.71	AV
Horizontal	13650.013	63.04	2.17	65.21	74	-8.79	PK
Horizontal	13650.013	49.66	2.17	51.83	54	-2.17	AV
Horizontal	20475.062	57.42	-5.51	51.91	68.2	-16.29	PK
Horizontal	20475.062	44.85	-5.51	39.34	54	-14.66	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-7: 6535-6865MHz) - 802.11be20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6535 MHz)-Above 1G							
Vertical	4683.902	74.30	-10.36	63.94	74	-10.06	PK
Vertical	4683.902	59.70	-10.36	49.34	54	-4.66	AV
Vertical	13070.087	61.23	1.79	63.02	68.2	-5.18	PK
Vertical	13070.087	49.62	1.79	51.41	54	-2.59	AV
Vertical	19605.122	56.16	-5.81	50.35	68.2	-17.85	PK
Vertical	19605.122	44.19	-5.81	38.38	54	-15.62	AV
Horizontal	4679.048	71.27	-10.36	60.91	74	-13.09	PK
Horizontal	4679.048	59.98	-10.36	49.62	54	-4.38	AV
Horizontal	13070.112	64.91	1.79	66.70	68.2	-1.50	PK
Horizontal	13070.112	49.84	1.79	51.63	54	-2.37	AV
Horizontal	19605.081	57.96	-5.81	52.15	68.2	-16.05	PK
Horizontal	19605.081	44.36	-5.81	38.55	54	-15.45	AV
Middle Channel (6695 MHz)-Above 1G							
Vertical	4592.074	71.27	-10.20	61.07	74	-12.93	PK
Vertical	4592.074	59.34	-10.20	49.14	54	-4.86	AV
Vertical	13390.152	61.73	1.60	63.33	68.2	-4.87	PK
Vertical	13390.152	49.77	1.60	51.37	54	-2.63	AV
Vertical	20085.110	59.01	-5.53	53.48	68.2	-14.72	PK
Vertical	20085.110	44.97	-5.53	39.44	54	-14.56	AV
Horizontal	4592.048	73.04	-10.20	62.84	74	-11.16	PK
Horizontal	4592.048	59.45	-10.20	49.25	54	-4.75	AV
Horizontal	13390.085	61.84	1.60	63.44	68.2	-4.76	PK
Horizontal	13390.085	49.21	1.60	50.81	54	-3.19	AV
Horizontal	20085.183	55.43	-5.53	49.90	68.2	-18.30	PK
Horizontal	20085.183	44.11	-5.53	38.58	54	-15.42	AV
High Channel (6855 MHz)-Above 1G							
Vertical	6039.143	73.26	-7.08	66.18	68.2	-2.02	PK
Vertical	6039.143	59.30	-7.08	52.22	54	-1.78	AV
Vertical	13710.181	60.55	2.37	62.92	74	-11.08	PK
Vertical	13710.181	49.99	2.37	52.36	54	-1.64	AV
Vertical	20565.186	57.42	-5.55	51.87	68.2	-16.33	PK
Vertical	20565.186	44.86	-5.55	39.31	54	-14.69	AV
Horizontal	6039.024	74.19	-7.08	67.11	68.2	-1.09	PK
Horizontal	6039.024	59.29	-7.08	52.21	54	-1.79	AV
Horizontal	13710.026	63.74	2.37	66.11	74	-7.89	PK
Horizontal	13710.026	49.22	2.37	51.59	54	-2.41	AV
Horizontal	20565.161	56.12	-5.55	50.57	68.2	-17.63	PK
Horizontal	20565.161	44.30	-5.55	38.75	54	-15.25	AV
High Channel (6875 MHz)-Above 1G							
Vertical	6039.138	70.03	-7.07	62.96	68.2	-5.24	PK
Vertical	6039.138	59.20	-7.07	52.13	54	-1.87	AV
Vertical	13750.012	63.47	2.26	65.73	74	-8.27	PK
Vertical	13750.012	49.70	2.26	51.96	54	-2.04	AV
Vertical	20625.163	56.90	-5.57	51.33	68.2	-16.87	PK
Vertical	20625.163	44.09	-5.57	38.52	54	-15.48	AV
Horizontal	6039.161	70.88	-7.07	63.81	68.2	-4.39	PK

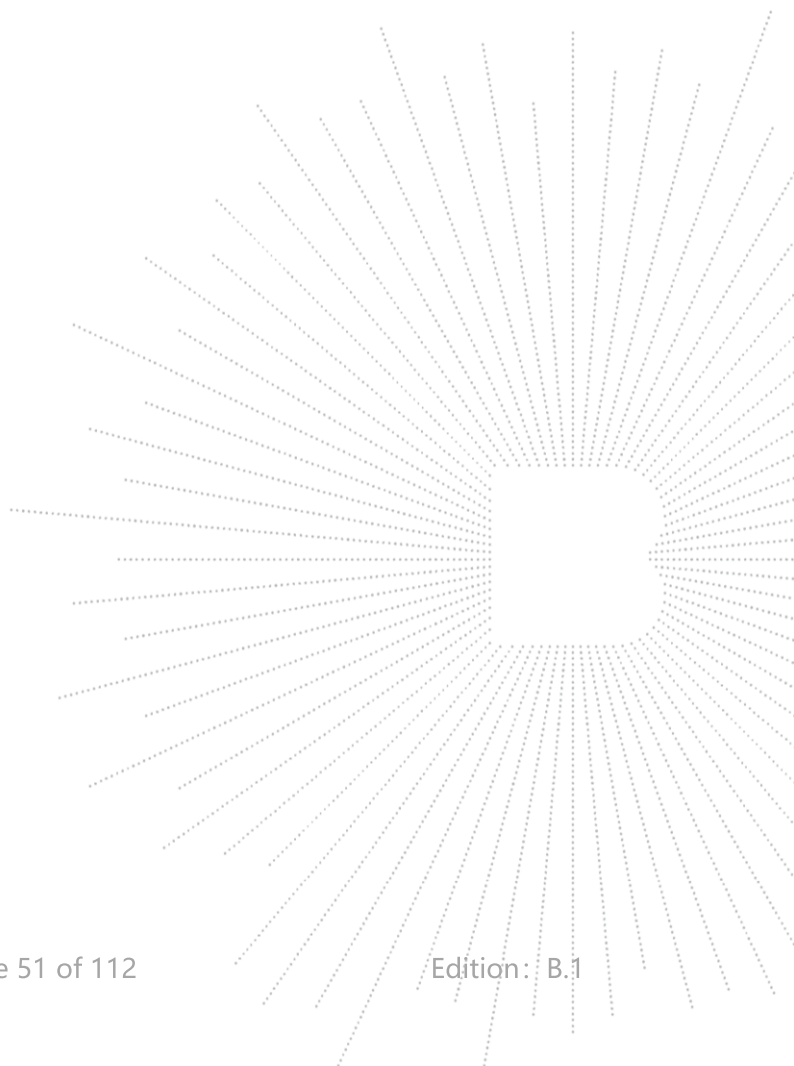
Horizontal	6039.161	59.36	-7.07	52.29	54	-1.71	AV
Horizontal	13750.046	60.46	2.26	62.72	74	-11.28	PK
Horizontal	13750.046	49.98	2.26	52.24	54	-1.76	AV
Horizontal	20625.116	57.66	-5.57	52.09	68.2	-16.11	PK
Horizontal	20625.116	44.35	-5.57	38.78	54	-15.22	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBUV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Test Mode : TX(U-NII-7: 6535-6865MHz) - 802.11be40

Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6565 MHz)-Above 1G							
Vertical	4679.111	74.72	-10.36	64.36	74	-9.64	PK
Vertical	4679.111	59.04	-10.36	48.68	54	-5.32	AV
Vertical	13130.125	62.75	1.97	64.72	74	-9.28	PK
Vertical	13130.125	49.15	1.97	51.12	54	-2.88	AV
Vertical	19695.000	57.89	-5.83	52.06	68.2	-16.14	PK
Vertical	19695.000	44.16	-5.83	38.33	54	-15.67	AV
Horizontal	4679.030	71.49	-10.36	61.13	74	-12.87	PK
Horizontal	4679.030	59.35	-10.36	48.99	54	-5.01	AV
Horizontal	13130.091	61.01	1.97	62.98	74	-11.02	PK
Horizontal	13130.091	49.53	1.97	51.50	54	-2.50	AV
Horizontal	19695.170	58.00	-5.83	52.17	68.2	-16.03	PK
Horizontal	19695.170	44.43	-5.83	38.60	54	-15.40	AV
middle Channel (6685 MHz)-Above 1G							
Vertical	6039.041	73.70	-7.07	66.63	68.2	-1.57	PK
Vertical	6039.041	59.71	-7.07	52.64	54	-1.36	AV
Vertical	13370.188	61.56	1.54	63.10	74	-10.90	PK
Vertical	13370.188	49.24	1.54	50.78	54	-3.22	AV
Vertical	20055.001	59.40	-5.55	53.85	68.2	-14.35	PK
Vertical	20055.001	44.75	-5.55	39.20	54	-14.80	AV
Horizontal	6039.117	70.15	-7.07	63.08	68.2	-5.12	PK
Horizontal	6039.117	59.48	-7.07	52.41	54	-1.59	AV
Horizontal	13370.131	61.27	1.54	62.81	74	-11.19	PK
Horizontal	13370.131	49.74	1.54	51.28	54	-2.72	AV
Horizontal	20055.003	55.51	-5.55	49.96	68.2	-18.24	PK
Horizontal	20055.003	44.03	-5.55	38.48	54	-15.52	AV
High Channel (6845 MHz)-Above 1G							
Vertical	6039.098	73.49	-7.08	66.41	68.2	-1.79	PK
Vertical	6039.098	59.19	-7.08	52.11	54	-1.89	AV
Vertical	13690.120	63.13	2.36	65.49	74	-8.51	PK
Vertical	13690.120	49.84	2.36	52.20	54	-1.80	AV
Vertical	20535.085	57.24	-5.54	51.70	68.2	-16.50	PK
Vertical	20535.085	44.55	-5.54	39.01	54	-14.99	AV
Horizontal	6039.196	70.19	-7.08	63.11	68.2	-5.09	PK
Horizontal	6039.196	59.70	-7.08	52.62	54	-1.38	AV
Horizontal	13690.102	62.55	2.36	64.91	74	-9.09	PK
Horizontal	13690.102	49.68	2.36	52.04	54	-1.96	AV
Horizontal	20535.127	58.37	-5.54	52.83	68.2	-15.37	PK
Horizontal	20535.127	44.36	-5.54	38.82	54	-15.18	AV
High Channel (6885 MHz)-Above 1G							
Vertical	6039.151	73.95	-7.08	66.87	68.2	-1.33	PK
Vertical	6039.151	59.64	-7.08	52.56	54	-1.44	AV
Vertical	13770.035	63.06	2.19	65.25	74	-8.75	PK
Vertical	13770.035	49.27	2.19	51.46	54	-2.54	AV
Vertical	20655.073	56.95	-5.58	51.37	68.2	-16.83	PK
Vertical	20655.073	44.93	-5.58	39.35	54	-14.65	AV
Horizontal	6039.157	71.19	-7.08	64.11	68.2	-4.09	PK
Horizontal	6039.157	59.43	-7.08	52.35	54	-1.65	AV

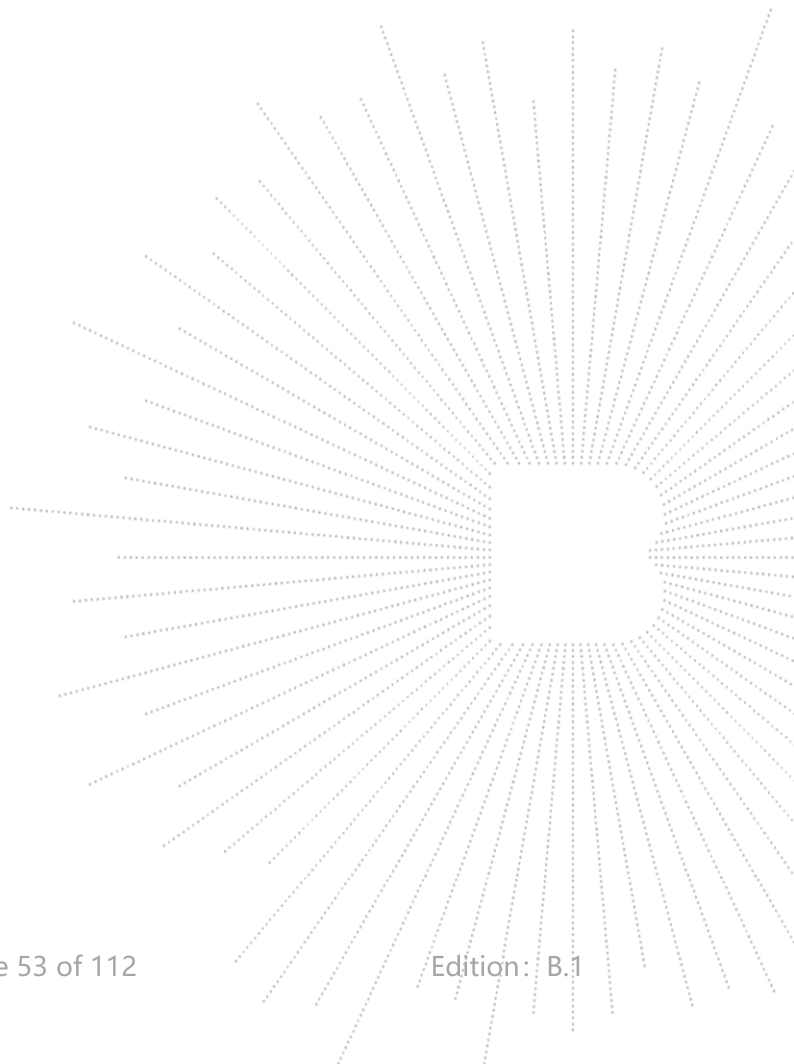
Horizontal	13770.098	60.09	2.19	62.28	74	-11.72	PK
Horizontal	13770.098	49.34	2.19	51.53	54	-2.47	AV
Horizontal	20655.079	57.79	-5.58	52.21	68.2	-15.99	PK
Horizontal	20655.079	44.98	-5.58	39.40	54	-14.60	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.



Test Mode :	TX(U-NII-7: 6535-6865MHz)- 802.11be80
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6625 MHz)-Above 1G							
Vertical	4679.192	72.95	-10.36	62.59	74	-11.41	PK
Vertical	4679.192	59.09	-10.36	48.73	54	-5.27	AV
Vertical	13250.114	64.54	1.69	66.23	74	-7.77	PK
Vertical	13250.114	49.34	1.69	51.03	54	-2.97	AV
Vertical	19875.191	56.43	-5.71	50.72	68.2	-17.48	PK
Vertical	19875.191	44.31	-5.71	38.60	54	-15.40	AV
Horizontal	4679.051	71.76	-10.36	61.40	74	-12.60	PK
Horizontal	4679.051	59.24	-10.36	48.88	54	-5.12	AV
Horizontal	13250.138	63.72	1.69	65.41	74	-8.59	PK
Horizontal	13250.138	49.79	1.69	51.48	54	-2.52	AV
Horizontal	19875.194	56.80	-5.71	51.09	68.2	-17.11	PK
Horizontal	19875.194	44.63	-5.71	38.92	54	-15.08	AV
Middle Channel (6705 MHz)-Above 1G							
Vertical	6039.082	72.83	-7.08	65.75	68.2	-2.45	PK
Vertical	6039.082	59.18	-7.08	52.10	54	-1.90	AV
Vertical	13410.180	64.08	1.65	65.73	74	-8.27	PK
Vertical	13410.180	50.00	1.65	51.65	54	-2.35	AV
Vertical	20115.088	59.25	-5.51	53.74	68.2	-14.46	PK
Vertical	20115.088	44.84	-5.51	39.33	54	-14.67	AV
Horizontal	6039.176	72.11	-7.08	65.03	68.2	-3.17	PK
Horizontal	6039.176	59.60	-7.08	52.52	54	-1.48	AV
Horizontal	13410.012	62.59	1.65	64.24	74	-9.76	PK
Horizontal	13410.012	49.74	1.65	51.39	54	-2.61	AV
Horizontal	20115.180	58.28	-5.51	52.77	68.2	-15.43	PK
Horizontal	20115.180	44.13	-5.51	38.62	54	-15.38	AV
High Channel (6785 MHz)-Above 1G							
Vertical	6039.128	70.19	-7.08	63.11	68.2	-5.09	PK
Vertical	6039.128	59.32	-7.08	52.24	54	-1.76	AV
Vertical	13570.092	60.20	1.91	62.11	74	-11.89	PK
Vertical	13570.092	49.73	1.91	51.64	54	-2.36	AV
Vertical	20355.085	55.60	-5.45	50.15	68.2	-18.05	PK
Vertical	20355.085	44.41	-5.45	38.96	54	-15.04	AV
Horizontal	6039.104	70.36	-7.08	63.28	68.2	-4.92	PK
Horizontal	6039.104	59.93	-7.08	52.85	54	-1.15	AV
Horizontal	13570.149	64.20	1.91	66.11	74	-7.89	PK
Horizontal	13570.149	49.13	1.91	51.04	54	-2.96	AV
Horizontal	20355.017	59.04	-5.45	53.59	68.2	-14.61	PK
Horizontal	20355.017	44.91	-5.45	39.46	54	-14.54	AV
High Channel (6865 MHz)-Above 1G							
Vertical	6039.123	72.85	-7.08	65.77	68.2	-2.43	PK
Vertical	6039.123	59.36	-7.08	52.28	54	-1.72	AV
Vertical	13730.024	63.53	2.32	65.85	74	-8.15	PK
Vertical	13730.024	49.11	2.32	51.43	54	-2.57	AV
Vertical	20595.183	56.39	-5.57	50.82	68.2	-17.38	PK
Vertical	20595.183	44.27	-5.57	38.70	54	-15.30	AV
Horizontal	6039.043	71.76	-7.08	64.68	68.2	-3.52	PK
Horizontal	6039.043	59.80	-7.08	52.72	54	-1.28	AV
Horizontal	13730.029	60.23	2.32	62.55	74	-11.45	PK

Horizontal	13730.029	49.88	2.32	52.20	54	-1.80	AV
Horizontal	20595.183	58.78	-5.57	53.21	68.2	-14.99	PK
Horizontal	20595.183	44.50	-5.57	38.93	54	-15.07	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-7: 6535-6865MHz)- 802.11be160
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6665 MHz)-Above 1G							
Vertical	4679.054	71.44	-10.36	61.08	74	-12.92	PK
Vertical	4679.054	59.12	-10.36	48.76	54	-5.24	AV
Vertical	13330.173	60.43	1.42	61.85	74	-12.15	PK
Vertical	13330.173	49.13	1.42	50.55	54	-3.45	AV
Vertical	19995.097	55.26	-5.59	49.67	68.2	-18.53	PK
Vertical	19995.097	44.40	-5.59	38.81	54	-15.19	AV
Horizontal	4679.190	71.46	-10.36	61.10	74	-12.90	PK
Horizontal	4679.190	59.53	-10.36	49.17	54	-4.83	AV
Horizontal	13330.117	60.64	1.42	62.06	74	-11.94	PK
Horizontal	13330.117	49.38	1.42	50.80	54	-3.20	AV
Horizontal	19995.189	56.06	-5.59	50.47	68.2	-17.73	PK
Horizontal	19995.189	44.47	-5.59	38.88	54	-15.12	AV
High Channel (6825 MHz)-Above 1G							
Vertical	6039.025	72.17	-7.08	65.09	68.2	-3.11	PK
Vertical	6039.025	59.87	-7.08	52.79	54	-1.21	AV
Vertical	13650.057	61.30	2.17	63.47	74	-10.53	PK
Vertical	13650.057	49.48	2.17	51.65	54	-2.35	AV
Vertical	20475.040	57.59	-5.51	52.08	68.2	-16.12	PK
Vertical	20475.040	44.34	-5.51	38.83	54	-15.17	AV
Horizontal	6039.115	74.82	-7.08	67.74	68.2	-0.46	PK
Horizontal	6039.115	59.63	-7.08	52.55	54	-1.45	AV
Horizontal	13650.055	64.88	2.17	67.05	74	-6.95	PK
Horizontal	13650.055	49.66	2.17	51.83	54	-2.17	AV
Horizontal	20475.188	56.80	-5.51	51.29	68.2	-16.91	PK
Horizontal	20475.188	44.89	-5.51	39.38	54	-14.62	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

U-NII-8: 6885-7115MHz

Test Mode : TX(U-NII-8: 6885-7115MHz) - 802.11ax20

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6895 MHz)-Above 1G							
Vertical	4683.392	74.39	-10.34	64.05	74	-9.95	PK
Vertical	4683.392	59.51	-10.34	49.17	54	-4.83	AV
Vertical	13790.070	60.72	2.14	62.86	68.2	-5.34	PK
Vertical	13790.070	49.40	2.14	51.54	54	-2.46	AV
Vertical	20685.022	59.35	-5.6	53.75	68.2	-14.45	PK
Vertical	20685.022	44.96	-5.6	39.36	54	-14.64	AV
Horizontal	4679.112	74.87	-10.34	64.53	74	-9.47	PK
Horizontal	4679.112	59.14	-10.34	48.80	54	-5.20	AV
Horizontal	13790.035	63.54	2.14	65.68	68.2	-2.52	PK
Horizontal	13790.035	49.75	2.14	51.89	54	-2.11	AV
Horizontal	20685.063	58.75	-5.6	53.15	68.2	-15.05	PK
Horizontal	20685.063	44.05	-5.6	38.45	54	-15.55	AV
middle Channel (6995 MHz)-Above 1G							
Vertical	4592.139	72.17	-10.20	61.97	74	-12.03	PK
Vertical	4592.139	59.53	-10.20	49.33	54	-4.67	AV
Vertical	13990.063	64.15	2.05	66.20	68.2	-2.00	PK
Vertical	13990.063	49.22	2.05	51.27	54	-2.73	AV
Vertical	20985.027	57.23	-5.55	51.68	68.2	-16.52	PK
Vertical	20985.027	44.42	-5.55	38.87	54	-15.13	AV
Horizontal	4592.071	73.57	-10.20	63.37	74	-10.63	PK
Horizontal	4592.071	59.05	-10.20	48.85	54	-5.15	AV
Horizontal	13990.122	62.22	2.05	64.27	68.2	-3.93	PK
Horizontal	13990.122	49.06	2.05	51.11	54	-2.89	AV
Horizontal	20985.152	59.01	-5.55	53.46	68.2	-14.74	PK
Horizontal	20985.152	44.16	-5.55	38.61	54	-15.39	AV
High Channel (7115 MHz)-Above 1G							
Vertical	4592.114	73.04	-10.20	62.84	68.2	-5.36	PK
Vertical	4592.114	59.13	-10.20	48.93	54	-5.07	AV
Vertical	14230.028	63.94	2.92	66.86	74	-7.14	PK
Vertical	14230.028	49.82	2.92	52.74	54	-1.26	AV
Vertical	21345.056	58.82	-5.65	53.17	68.2	-15.03	PK
Vertical	21345.056	44.20	-5.65	38.55	54	-15.45	AV
Horizontal	6039.180	73.00	-10.20	62.80	68.2	-5.40	PK
Horizontal	6039.180	59.29	-10.20	49.09	54	-4.91	AV
Horizontal	14230.139	64.71	2.92	67.63	74	-6.37	PK
Horizontal	14230.139	49.31	2.92	52.23	54	-1.77	AV
Horizontal	21345.080	56.92	-5.65	51.27	68.2	-16.93	PK
Horizontal	21345.080	44.53	-5.65	38.88	54	-15.12	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-8: 6885-7115MHz) - 802.11ax40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6925 MHz)-Above 1G							
Vertical	4679.033	70.58	-10.36	60.22	74	-13.78	PK
Vertical	4679.033	59.31	-10.36	48.95	54	-5.05	AV
Vertical	13850.041	63.79	2.35	66.14	74	-7.86	PK
Vertical	13850.041	49.38	2.35	51.73	54	-2.27	AV
Vertical	20775.008	59.04	-5.63	53.41	68.2	-14.79	PK
Vertical	20775.008	44.74	-5.63	39.11	54	-14.89	AV
Horizontal	4679.104	74.01	-10.36	63.65	74	-10.35	PK
Horizontal	4679.104	59.87	-10.36	49.51	54	-4.49	AV
Horizontal	13850.008	64.58	2.35	66.93	74	-7.07	PK
Horizontal	13850.008	49.66	2.35	52.01	54	-1.99	AV
Horizontal	20775.066	57.43	-5.63	51.80	68.2	-16.40	PK
Horizontal	20775.066	44.92	-5.63	39.29	54	-14.71	AV
middle Channel (6965 MHz)-Above 1G							
Vertical	6039.148	73.52	-7.08	66.44	68.2	-1.76	PK
Vertical	6039.148	59.85	-7.08	52.77	54	-1.23	AV
Vertical	13930.156	62.17	2.42	64.59	74	-9.41	PK
Vertical	13930.156	49.92	2.42	52.34	54	-1.66	AV
Vertical	20895.113	58.41	-5.58	52.83	68.2	-15.37	PK
Vertical	20895.113	44.28	-5.58	38.70	54	-15.30	AV
Horizontal	6039.099	72.25	-7.08	65.17	68.2	-3.03	PK
Horizontal	6039.099	59.19	-7.08	52.11	54	-1.89	AV
Horizontal	13930.104	60.56	2.42	62.98	74	-11.02	PK
Horizontal	13930.104	49.11	2.42	51.53	54	-2.47	AV
Horizontal	20895.151	56.70	-5.58	51.12	68.2	-17.08	PK
Horizontal	20895.151	44.39	-5.58	38.81	54	-15.19	AV
High Channel (7085 MHz)-Above 1G							
Vertical	6039.009	74.03	-7.07	66.96	68.2	-1.24	PK
Vertical	6039.009	59.30	-7.07	52.23	54	-1.77	AV
Vertical	14170.163	64.06	3.03	67.09	74	-6.91	PK
Vertical	14170.163	49.98	3.03	53.01	54	-0.99	AV
Vertical	21255.118	56.11	-5.65	50.46	68.2	-17.74	PK
Vertical	21255.118	44.90	-5.65	39.25	54	-14.75	AV
Horizontal	6039.146	70.26	-7.07	63.19	68.2	-5.01	PK
Horizontal	6039.146	59.62	-7.07	52.55	54	-1.45	AV
Horizontal	14170.076	63.65	3.03	66.68	74	-7.32	PK
Horizontal	14170.076	49.03	3.03	52.06	54	-1.94	AV
Horizontal	21255.132	56.68	-5.65	51.03	68.2	-17.17	PK
Horizontal	21255.132	44.04	-5.65	38.39	54	-15.61	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-8: 6885-7115MHz) - 802.11ax80
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6945 MHz)-Above 1G							
Vertical	4679.056	72.66	-10.36	62.30	74	-11.70	PK
Vertical	4679.056	59.51	-10.36	49.15	54	-4.85	AV
Vertical	13890.075	62.99	2.55	65.54	74	-8.46	PK
Vertical	13890.075	49.38	2.55	51.93	54	-2.07	AV
Vertical	20835.077	56.96	-5.61	51.35	68.2	-16.85	PK
Vertical	20835.077	44.74	-5.61	39.13	54	-14.87	AV
Horizontal	4679.015	71.30	-10.36	60.94	74	-13.06	PK
Horizontal	4679.015	59.29	-10.36	48.93	54	-5.07	AV
Horizontal	13890.007	62.42	2.55	64.97	74	-9.03	PK
Horizontal	13890.007	49.44	2.55	51.99	54	-2.01	AV
Horizontal	20835.077	59.90	-5.61	54.29	68.2	-13.91	PK
Horizontal	20835.077	44.59	-5.61	38.98	54	-15.02	AV
High Channel (7025 MHz)-Above 1G							
Vertical	6039.033	72.94	-7.08	65.86	68.2	-2.34	PK
Vertical	6039.033	59.41	-7.08	52.33	54	-1.67	AV
Vertical	14050.072	61.98	2.6	64.58	74	-9.42	PK
Vertical	14050.072	49.50	2.6	52.10	54	-1.90	AV
Vertical	21075.097	55.79	-5.58	50.21	68.2	-17.99	PK
Vertical	21075.097	44.53	-5.58	38.95	54	-15.05	AV
Horizontal	6039.110	74.55	-7.08	67.47	68.2	-0.73	PK
Horizontal	6039.110	59.92	-7.08	52.84	54	-1.16	AV
Horizontal	14050.089	62.57	2.6	65.17	74	-8.83	PK
Horizontal	14050.089	49.79	2.6	52.39	54	-1.61	AV
Horizontal	21075.157	55.13	-5.58	49.55	68.2	-18.65	PK
Horizontal	21075.157	44.96	-5.58	39.38	54	-14.62	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-8: 6885-7115MHz) - 802.11ax160
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6985 MHz)-Above 1G							
Vertical	4679.025	71.93	-10.36	61.57	74	-12.43	PK
Vertical	4679.025	59.36	-10.36	49.00	54	-5.00	AV
Vertical	13970.030	63.13	2.17	65.30	74	-8.70	PK
Vertical	13970.030	49.32	2.17	51.49	54	-2.51	AV
Vertical	20955.172	59.72	-5.56	54.16	68.2	-14.04	PK
Vertical	20955.172	44.57	-5.56	39.01	54	-14.99	AV
Horizontal	4679.085	71.86	-10.36	61.50	74	-12.50	PK
Horizontal	4679.085	59.71	-10.36	49.35	54	-4.65	AV
Horizontal	13970.018	61.22	2.17	63.39	74	-10.61	PK
Horizontal	13970.018	49.22	2.17	51.39	54	-2.61	AV
Horizontal	20955.101	57.56	-5.56	52.00	68.2	-16.20	PK
Horizontal	20955.101	44.04	-5.56	38.48	54	-15.52	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode : TX(U-NII-8: 6885-7115MHz) - 802.11be20

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6895 MHz)-Above 1G							
Vertical	4680.753	72.27	-10.34	61.93	74	-12.07	PK
Vertical	4680.753	59.41	-10.34	49.07	54	-4.93	AV
Vertical	13790.180	64.22	2.14	66.36	68.2	-1.84	PK
Vertical	13790.180	49.19	2.14	51.33	54	-2.67	AV
Vertical	20685.064	56.06	-5.6	50.46	68.2	-17.74	PK
Vertical	20685.064	44.68	-5.6	39.08	54	-14.92	AV
Horizontal	4679.109	70.17	-10.34	59.83	74	-14.17	PK
Horizontal	4679.109	59.63	-10.34	49.29	54	-4.71	AV
Horizontal	13790.112	64.50	2.14	66.64	68.2	-1.56	PK
Horizontal	13790.112	49.53	2.14	51.67	54	-2.33	AV
Horizontal	20685.180	59.77	-5.6	54.17	68.2	-14.03	PK
Horizontal	20685.180	44.08	-5.6	38.48	54	-15.52	AV
middle Channel (6995 MHz)-Above 1G							
Vertical	4592.093	71.49	-10.20	61.29	74	-12.71	PK
Vertical	4592.093	59.03	-10.20	48.83	54	-5.17	AV
Vertical	13990.163	60.01	2.05	62.06	68.2	-6.14	PK
Vertical	13990.163	49.94	2.05	51.99	54	-2.01	AV
Vertical	20985.159	56.89	-5.55	51.34	68.2	-16.86	PK
Vertical	20985.159	44.45	-5.55	38.90	54	-15.10	AV
Horizontal	4592.105	74.89	-10.20	64.69	74	-9.31	PK
Horizontal	4592.105	59.51	-10.20	49.31	54	-4.69	AV
Horizontal	13990.019	63.65	2.05	65.70	68.2	-2.50	PK
Horizontal	13990.019	49.12	2.05	51.17	54	-2.83	AV
Horizontal	20985.060	56.68	-5.55	51.13	68.2	-17.07	PK
Horizontal	20985.060	44.06	-5.55	38.51	54	-15.49	AV
High Channel (7115 MHz)-Above 1G							
Vertical	4592.114	70.21	-10.20	60.01	68.2	-8.19	PK
Vertical	4592.114	59.94	-10.20	49.74	54	-4.26	AV
Vertical	14230.055	62.16	2.92	65.08	74	-8.92	PK
Vertical	14230.055	49.41	2.92	52.33	54	-1.67	AV
Vertical	21345.164	59.94	-5.65	54.29	68.2	-13.91	PK
Vertical	21345.164	44.94	-5.65	39.29	54	-14.71	AV
Horizontal	6039.026	70.61	-10.20	60.41	68.2	-7.79	PK
Horizontal	6039.026	59.85	-10.20	49.65	54	-4.35	AV
Horizontal	14230.021	61.72	2.92	64.64	74	-9.36	PK
Horizontal	14230.021	49.17	2.92	52.09	54	-1.91	AV
Horizontal	21345.107	57.57	-5.65	51.92	68.2	-16.28	PK
Horizontal	21345.107	44.40	-5.65	38.75	54	-15.25	AV

Note: The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode : TX(U-NII-8: 6885-7115MHz) - 802.11be40

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6925 MHz)-Above 1G							
Vertical	4679.001	73.17	-10.36	62.81	74	-11.19	PK
Vertical	4679.001	59.13	-10.36	48.77	54	-5.23	AV
Vertical	13850.071	63.69	2.35	66.04	74	-7.96	PK
Vertical	13850.071	49.96	2.35	52.31	54	-1.69	AV
Vertical	20775.151	56.54	-5.63	50.91	68.2	-17.29	PK
Vertical	20775.151	44.71	-5.63	39.08	54	-14.92	AV
Horizontal	4679.112	71.41	-10.36	61.05	74	-12.95	PK
Horizontal	4679.112	59.29	-10.36	48.93	54	-5.07	AV
Horizontal	13850.077	64.07	2.35	66.42	74	-7.58	PK
Horizontal	13850.077	49.92	2.35	52.27	54	-1.73	AV
Horizontal	20775.103	57.43	-5.63	51.80	68.2	-16.40	PK
Horizontal	20775.103	44.33	-5.63	38.70	54	-15.30	AV
middle Channel (6965 MHz)-Above 1G							
Vertical	6039.010	74.19	-7.08	67.11	68.2	-1.09	PK
Vertical	6039.010	59.67	-7.08	52.59	54	-1.41	AV
Vertical	13930.200	61.15	2.42	63.57	74	-10.43	PK
Vertical	13930.200	49.65	2.42	52.07	54	-1.93	AV
Vertical	20895.001	55.45	-5.58	49.87	68.2	-18.33	PK
Vertical	20895.001	44.58	-5.58	39.00	54	-15.00	AV
Horizontal	6039.179	72.11	-7.08	65.03	68.2	-3.17	PK
Horizontal	6039.179	59.14	-7.08	52.06	54	-1.94	AV
Horizontal	13930.162	63.67	2.42	66.09	74	-7.91	PK
Horizontal	13930.162	49.50	2.42	51.92	54	-2.08	AV
Horizontal	20895.007	57.40	-5.58	51.82	68.2	-16.38	PK
Horizontal	20895.007	44.84	-5.58	39.26	54	-14.74	AV
High Channel (7085 MHz)-Above 1G							
Vertical	6039.132	72.37	-7.07	65.30	68.2	-2.90	PK
Vertical	6039.132	59.69	-7.07	52.62	54	-1.38	AV
Vertical	14170.176	61.63	3.03	64.66	74	-9.34	PK
Vertical	14170.176	49.23	3.03	52.26	54	-1.74	AV
Vertical	21255.086	59.31	-5.65	53.66	68.2	-14.54	PK
Vertical	21255.086	44.11	-5.65	38.46	54	-15.54	AV
Horizontal	6039.033	70.84	-7.07	63.77	68.2	-4.43	PK
Horizontal	6039.033	59.77	-7.07	52.70	54	-1.30	AV
Horizontal	14170.140	61.00	3.03	64.03	74	-9.97	PK
Horizontal	14170.140	49.94	3.03	52.97	54	-1.03	AV
Horizontal	21255.036	56.47	-5.65	50.82	68.2	-17.38	PK
Horizontal	21255.036	44.71	-5.65	39.06	54	-14.94	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode :	TX(U-NII-8: 6885-7115MHz) - 802.11be80
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Polar (H/V)	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (6945 MHz)-Above 1G							
Vertical	4679.161	73.78	-10.36	63.42	74	-10.58	PK
Vertical	4679.161	59.66	-10.36	49.30	54	-4.70	AV
Vertical	13890.139	60.01	2.55	62.56	74	-11.44	PK
Vertical	13890.139	49.05	2.55	51.60	54	-2.40	AV
Vertical	20835.095	55.26	-5.61	49.65	68.2	-18.55	PK
Vertical	20835.095	44.36	-5.61	38.75	54	-15.25	AV
Horizontal	4679.055	70.90	-10.36	60.54	74	-13.46	PK
Horizontal	4679.055	59.97	-10.36	49.61	54	-4.39	AV
Horizontal	13890.024	63.27	2.55	65.82	74	-8.18	PK
Horizontal	13890.024	49.16	2.55	51.71	54	-2.29	AV
Horizontal	20835.155	58.93	-5.61	53.32	68.2	-14.88	PK
Horizontal	20835.155	44.46	-5.61	38.85	54	-15.15	AV
High Channel (7025 MHz)-Above 1G							
Vertical	6039.024	74.07	-7.08	66.99	68.2	-1.21	PK
Vertical	6039.024	59.28	-7.08	52.20	54	-1.80	AV
Vertical	14050.179	60.33	2.6	62.93	74	-11.07	PK
Vertical	14050.179	49.75	2.6	52.35	54	-1.65	AV
Vertical	21075.080	59.02	-5.58	53.44	68.2	-14.76	PK
Vertical	21075.080	44.05	-5.58	38.47	54	-15.53	AV
Horizontal	6039.051	73.47	-7.08	66.39	68.2	-1.81	PK
Horizontal	6039.051	59.76	-7.08	52.68	54	-1.32	AV
Horizontal	14050.042	62.12	2.6	64.72	74	-9.28	PK
Horizontal	14050.042	49.74	2.6	52.34	54	-1.66	AV
Horizontal	21075.161	57.30	-5.58	51.72	68.2	-16.48	PK
Horizontal	21075.161	44.94	-5.58	39.36	54	-14.64	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode:	TX(U-NII-8: 6885-7115MHz) - 802.11be160
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (6985 MHz)-Above 1G							
Vertical	4679.121	73.58	-10.36	63.22	74	-10.78	PK
Vertical	4679.121	59.77	-10.36	49.41	54	-4.59	AV
Vertical	13970.135	62.19	2.17	64.36	74	-9.64	PK
Vertical	13970.135	49.18	2.17	51.35	54	-2.65	AV
Vertical	20955.172	57.97	-5.56	52.41	68.2	-15.79	PK
Vertical	20955.172	44.52	-5.56	38.96	54	-15.04	AV
Horizontal	4679.078	72.42	-10.36	62.06	74	-11.94	PK
Horizontal	4679.078	59.53	-10.36	49.17	54	-4.83	AV
Horizontal	13970.058	62.44	2.17	64.61	74	-9.39	PK
Horizontal	13970.058	49.48	2.17	51.65	54	-2.35	AV
Horizontal	20955.111	58.51	-5.56	52.95	68.2	-15.25	PK
Horizontal	20955.111	44.21	-5.56	38.65	54	-15.35	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AX 20-MIMO Frequency(MHz): 5955

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5884.375	V	44.85	68.20
5911.500	V	45.65	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5787.000	H	44.65	68.20
5922.750	H	46.43	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L – Preamp

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

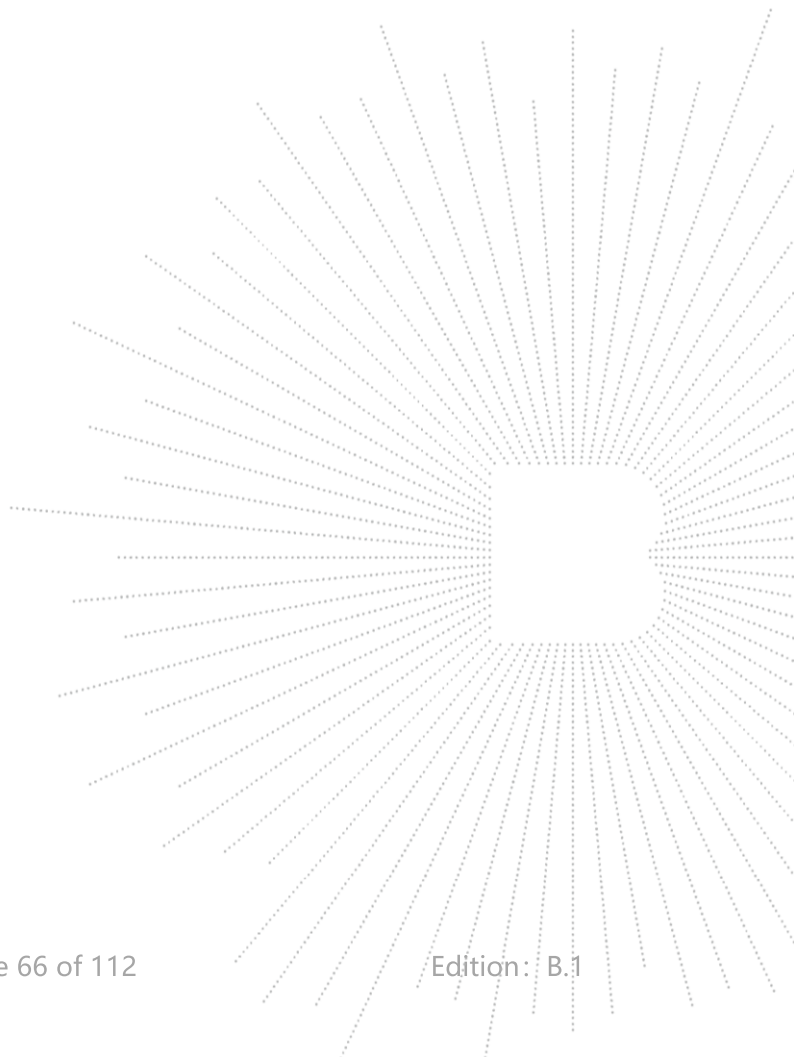
Test mode: 802.11AX 40-MIMO Frequency(MHz): 5965

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7167.500	V	45.56	68.20
7231.100	V	47.42	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7166.150	H	46.65	68.20
7210.250	H	48.45	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp



- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

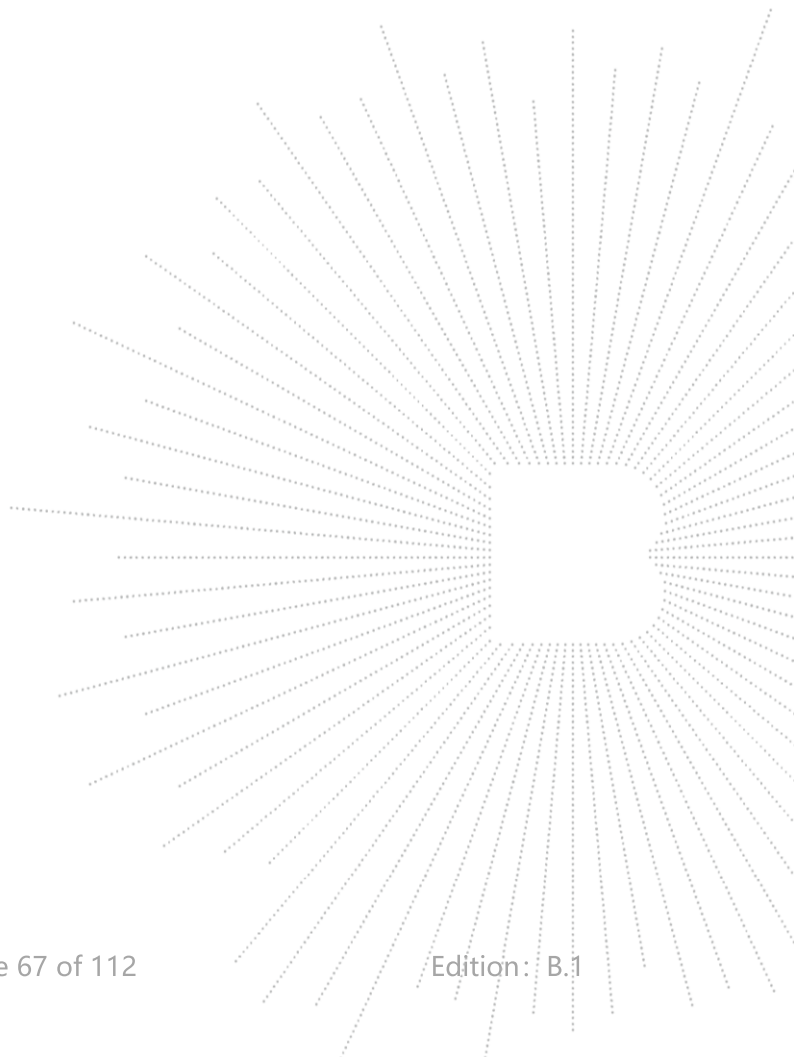
Test mode: 802.11AX 80-MIMO Frequency(MHz): 5985

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5894.700	V	45.35	68.20
5924.850	V	46.42	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5893.200	H	44.65	68.20
5926.200	H	45.35	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp



- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

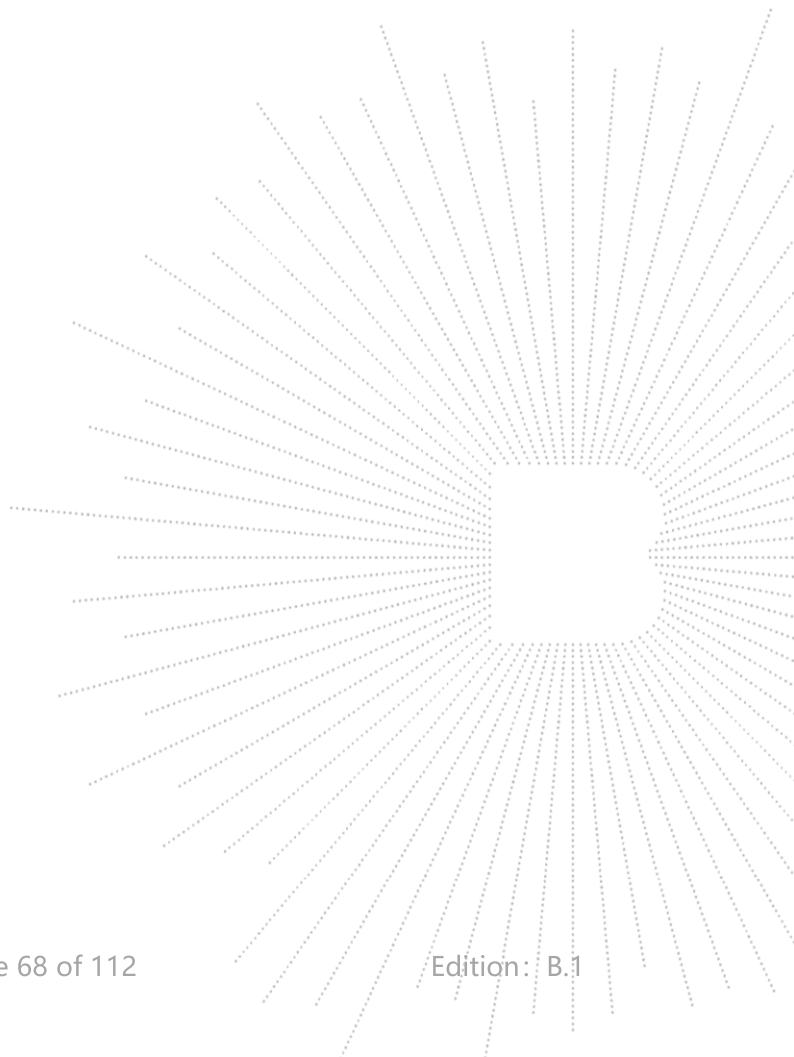
Test mode: 802.11AX 160-MIMO Frequency(MHz): 6025

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7141.600	V	46.45	68.20
7207.800	V	46.66	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7155.400	H	47.52	68.20
7203.400	H	47.36	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp



- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

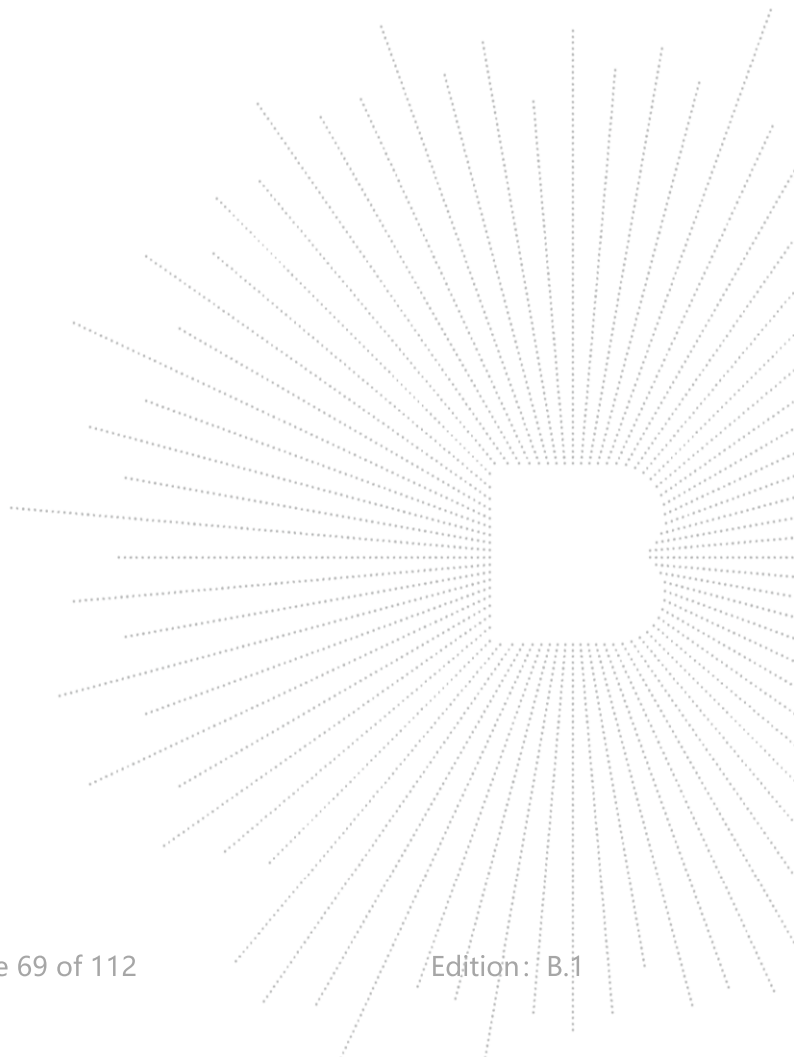
Test mode: 802.11AX 20-MIMO Frequency(MHz): 7115

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5908.000	V	45.25	68.20
5924.000	V	45.65	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5865.600	H	45.35	68.20
5922.800	H	45.41	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp



- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

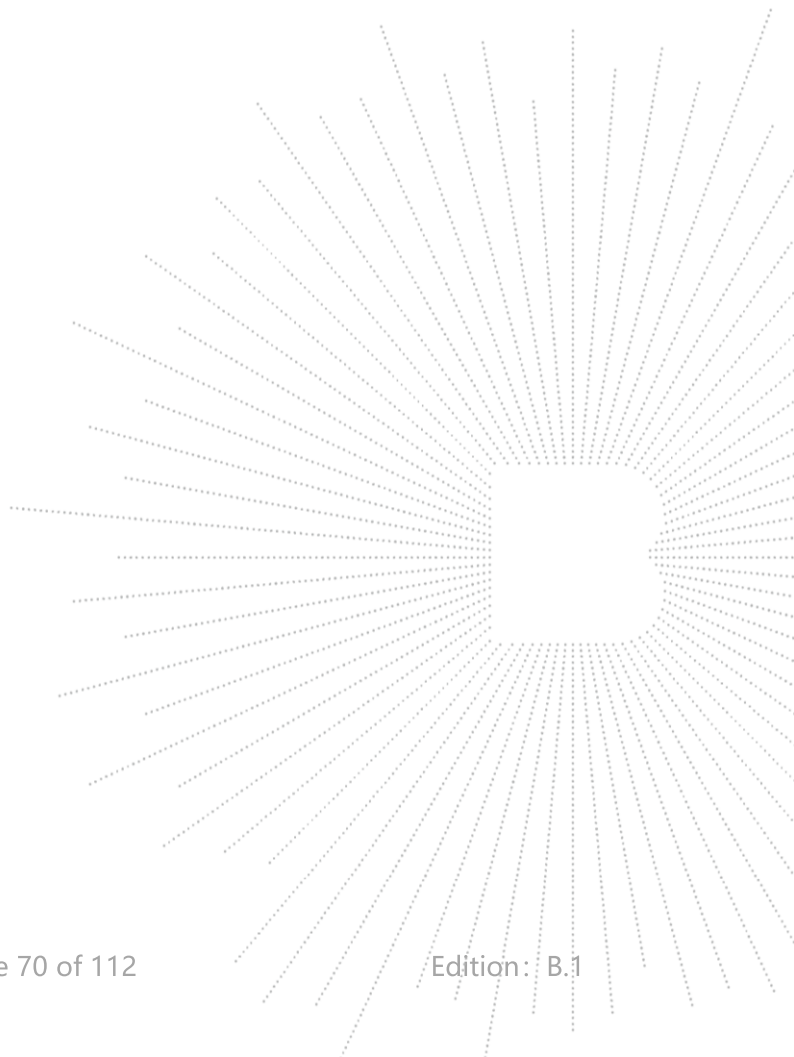
Test mode: 802.11AX 40-MIMO Frequency(MHz): 7085

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7082.400	V	49.66	68.20
7119.000	V	47.45	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
7073.400	H	48.65	68.20
7125.000	H	47.41	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp



- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AX 80-MIMO

Frequency(MHz):

7025

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5751.000	V	45.35	68.20
5844.000	V	48.45	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
5770.500	H	45.41	68.20
5890.500	H	47.45	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp

- ☒ Undesirable radiated Undesirable radiated Spurious Emission in Band Edge

Test mode: 802.11AX 160-MIMO Frequency(MHz): 6985

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
6812.680	V	51.36	68.20
7145.020	V	50.52	68.20

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)
6853.860	H	50.41	68.20
7163.000	H	48.85	68.20

Note:

- (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
- (2) Emission Level= Reading Level+Correct Factor.
- (3) Correct Factor= Ant_F + Cab_L - Preamp

8. Power Spectral Density Test

8.1 Block Diagram Of Test Setup



8.2 Limit

For a standard power access point (6SD) and fixed client (6FC) device operating in the 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For an indoor access point (6ID) operating in the 5.925–7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For a subordinate device (6PP) operating under the control of an indoor access point in the 5.925–7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For client devices(6FX), except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

For client devices(6XD) operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

8.3 Test Procedure

For devices operating in the bands 5.925–7.125 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725–5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3$ RBW.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/RBW)$ to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

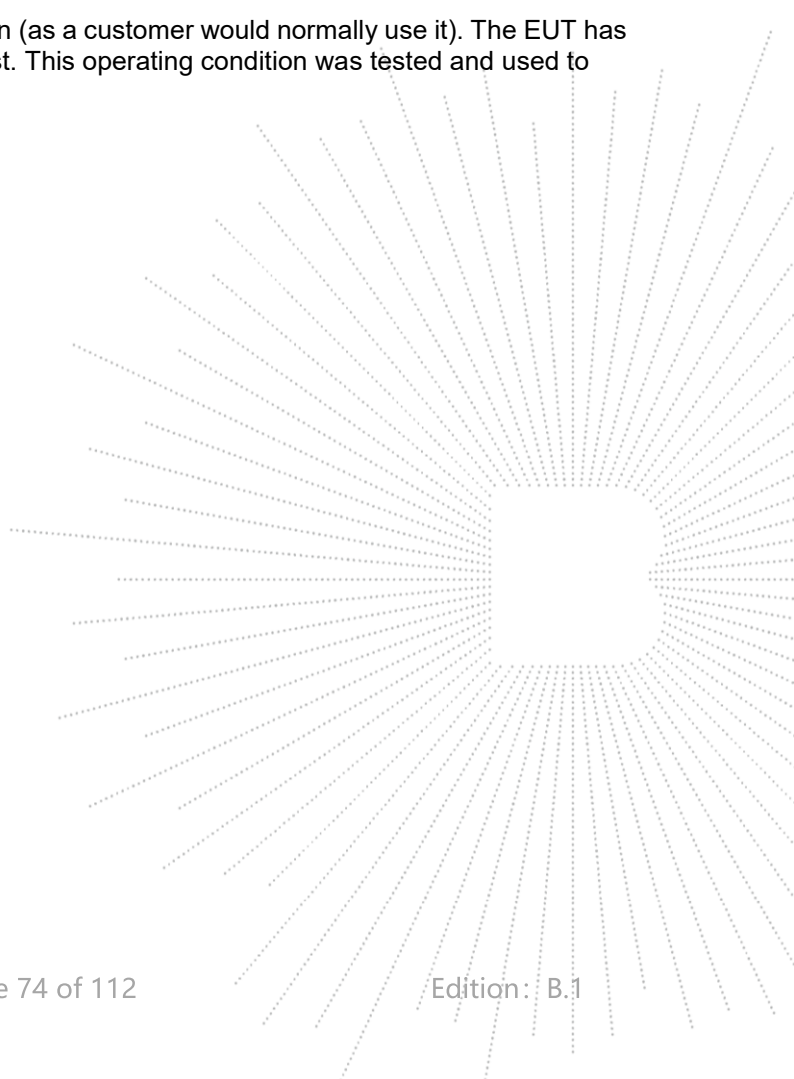
Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since RBW=100 KHz is available on nearly all spectrum analyzers.

8.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

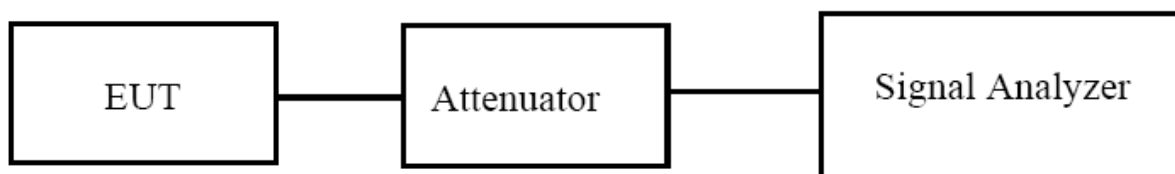
8.5 Test Result

Please refer to Appendix E
Test Result: Pass



9. 26dB & 99% Emission Bandwidth

9.1 Block Diagram Of Test Setup



9.2 Limit

The maximum transmitter channel bandwidth for U-NII devices in the 5.925–7.125 GHz band is 320 megahertz.

9.3 Test Procedure

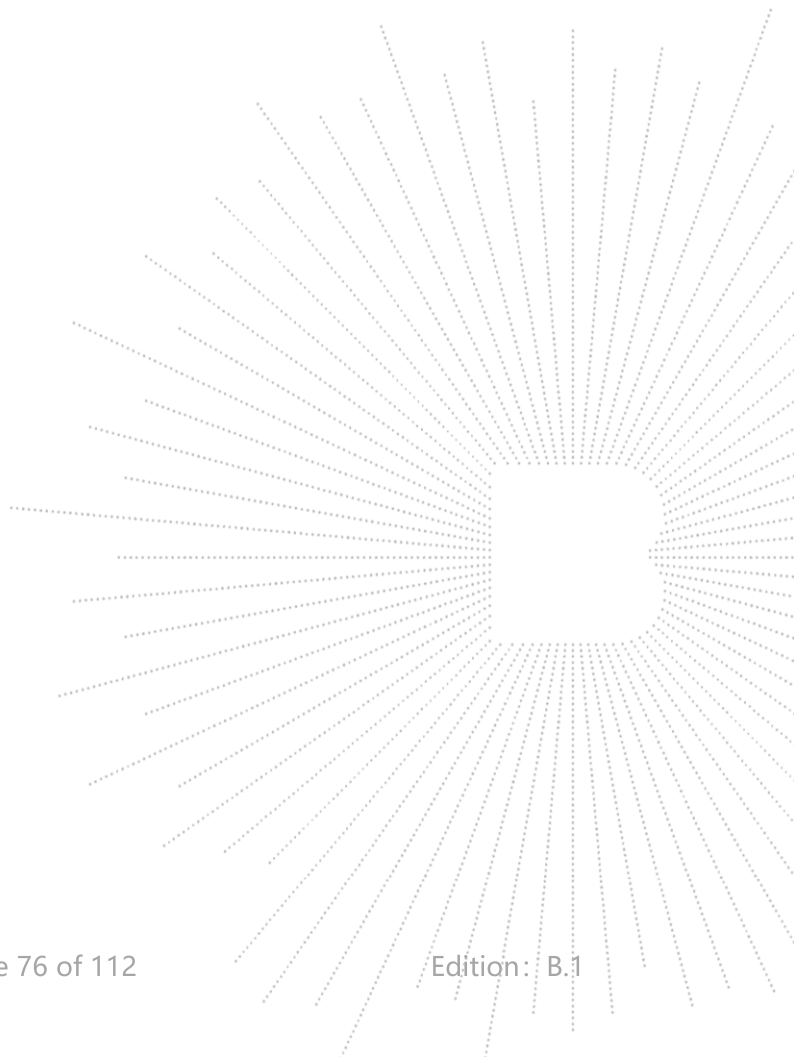
- a) Set RBW = approximately 1% of the emission bandwidth.
 - b) Set the VBW > RBW.
 - c) Detector = Peak.
 - d) Trace mode = max hold.
 - e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
- The following procedure shall be used for measuring (99 %) power bandwidth:
1. Set center frequency to the nominal EUT channel center frequency.
 2. Set span = 1.5 times to 5.0 times the OBW.
 3. Set RBW = 1 % to 5 % of the OBW
 4. Set VBW $\geq 3 \cdot$ RBW
 5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
 6. Use the 99 % power bandwidth function of the instrument (if available).
 7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

9.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

9.5 Test Result

Please refer to Appendix C and Appendix D
Test Result: Pass



10. Maximum Conducted Output Power and Maximum EIRP

10.1 Block Diagram Of Test Setup



10.2 Limit

According to FCC §15.407

For a standard power access point (6SD) and fixed client (6FC) device operating in the 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 23 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For an indoor access point (6ID) operating in the 5.925–7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For a subordinate device (6PP) operating under the control of an indoor access point in the 5.925–7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For client devices(6FX), except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

For client devices(6XD) operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

10.3 Test Procedure

Maximum conducted output power may be measured using a spectrum analyzer/EMI receiver or an RF power meter.

1. Device Configuration

If possible, configure or modify the operation of the EUT so that it transmits continuously at its maximum power control level (see section II.B.).

a) The intent is to test at 100 percent duty cycle; however a small reduction in duty cycle (to no lower than 98 percent) is permitted if required by the EUT for amplitude control purposes. Manufacturers are expected to provide software to the test lab to permit such continuous operation.

b) If continuous transmission (or at least 98 percent duty cycle) cannot be achieved due to hardware limitations (e.g., overheating), the EUT shall be operated at its maximum power control level with the transmit duration as long as possible and the duty cycle as high as possible.

2. Measurement using a Spectrum Analyzer or EMI Receiver (SA)

Measurement of maximum conducted output power using a spectrum analyzer requires integrating the spectrum across a frequency span that encompasses, at a minimum, either the EBW or the 99-percent occupied bandwidth of the signal.¹ However, the EBW must be used to determine bandwidth dependent limits on maximum conducted output power in accordance with § 15.407(a).

a) The test method shall be selected as follows: (i) Method SA-1 or SA-1 Alternative (averaging with the EUT transmitting at full power throughout each sweep) shall be applied if either of the following conditions can be satisfied:

- The EUT transmits continuously (or with a duty cycle ≥ 98 percent).
- Sweep triggering or gating can be implemented in a way that the device transmits at the maximum power control level throughout the duration of each of the instrument sweeps to be averaged. This condition can generally be achieved by triggering the instrument's sweep if the duration of the sweep (with the analyzer configured as in Method SA-1, below) is equal to or shorter than the duration T of each transmission from the EUT and if those transmissions exhibit full power throughout their durations.

(ii) Method SA-2 or SA-2 Alternative (averaging across on and off times of the EUT transmissions, followed by duty cycle correction) shall be applied if the conditions of (i) cannot be achieved and the transmissions exhibit a constant duty cycle during the measurement duration. Duty cycle will be considered to be constant if variations are less than ± 2 percent.

(iii) Method SA-3 (RMS detection with max hold) or SA-3 Alternative (reduced VBW with max hold) shall be applied if the conditions of (i) and (ii) cannot be achieved.

b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep): (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.

(ii) Set RBW = 1 MHz.

(iii) Set VBW ≥ 3 MHz.

(iv) Number of points in sweep ≥ 2 Span / RBW. (This ensures that bin-to-bin spacing is $\leq$ RBW/2, so that narrowband signals are not lost between frequency bins.)

(v) Sweep time = auto.

(vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.

(vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle ≥ 98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run".

(viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.

(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum

10.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

10.5 Test Result

Please refer to Appendix B:
Test Result: Pass

11. In-Band Emission (Emission Mask)

11.1 Block Diagram Of Test Setup



11.2 Limit

According to FCC §15.407(b)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

(7) For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

11.3 Test Procedure

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2020.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2020. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW or 99% of the occupied bandwidth.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density

(in dB) as follows:

- Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
- Suppressed by 28 dB at one channel bandwidth from the channel center.
- Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

7. Adjust the span to encompass the entire mask as necessary.

8. Clear trace.

9. Trace average at least 100 traces in power averaging (rms) mode.

10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

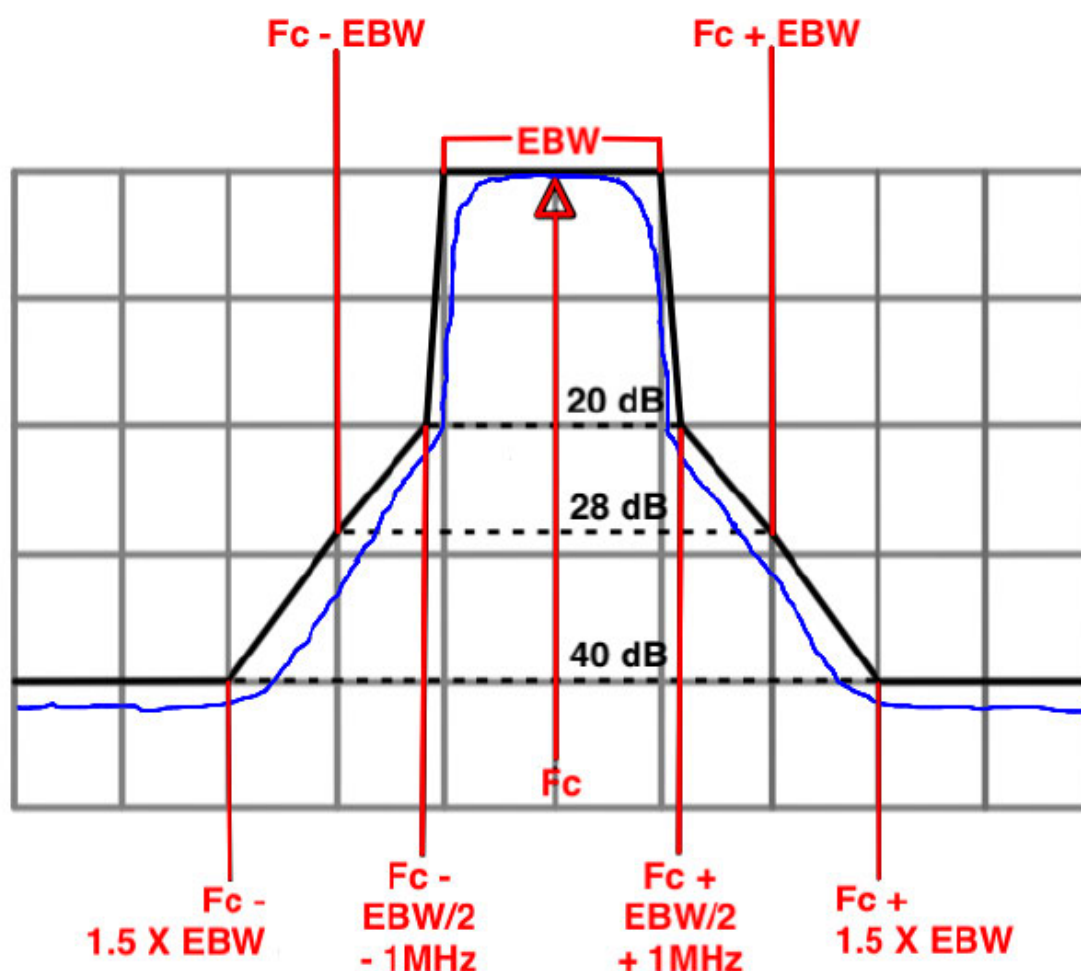


Figure 5. Generic Emission Mask

If a device utilizes channel puncturing the following additional requirements shall be met.

1. Standard Power Devices:

- The device shall meet the FCC mask for the full nominal bandwidth regardless of whether the punctured channel portion is at the channel edge or internal to the channel. As an example, if a 40 megahertz sub-channel is punctured from a 160 megahertz channel, this new configuration shall still meet the FCC mask based on a 160 megahertz nominal bandwidth; i.e., at the edges of the nominal channel. Nominal bandwidth as defined here refers to 20, 40, 80, 160 & 320 megahertz bandwidths. Test data shall be provided for each nominal bandwidth capable of puncturing with at least one configuration where the puncturing is at the outer edge of the nominal bandwidth and several configurations where the puncturing is internal to the nominal bandwidth (puncturing using $20 \times N$ subchannels, where N is an integer). The mask is constructed based on 26 dB bandwidth; and

b. The device, when deployed must comply with all the AFC requirements; i.e., the power transmitted within the punctured region must be at or below the power that an AFC would permit for transmitting across the punctured channels' bandwidth.

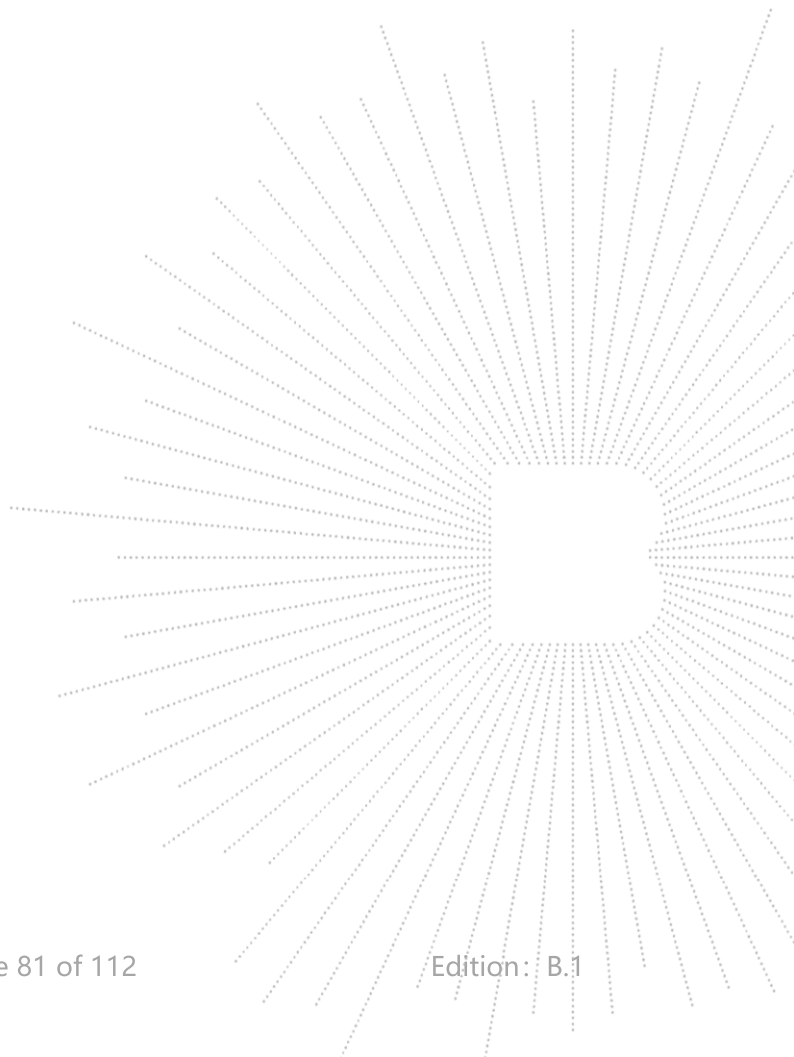
2. Low Power Indoor Devices: Channel puncturing is not permitted because, unlike standard power devices which receive channel/power information from the AFC, LPI devices have no such mechanism for ascertaining the level of suppression needed in the punctured region to protect incumbent operations

11.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data

11.5 Test Result

Please refer to Appendix G
Test Result: Pass



12. Spurious RF Conducted Emissions

12.1 Block Diagram Of Test Setup



12.2 Limit

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

12.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

12.4 Test Result

Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandedge measurement data.

About: 26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Please refer to Appendix F
Test Result: Pass

13. Frequency Stability Measurement

13.1 Block Diagram Of Test Setup



13.2 Limit

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification)..

13.3 Test Procedure

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c - f)/f_c \times 10^6$ ppm and he limit is less than ± 20 ppm (IEEE 802.11nspecification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$.

13.4 Test Result

Please refer to Appendix H
Test Result: Pass

14. Contention Based Protocol

14.1 Block Diagram Of Test Setup

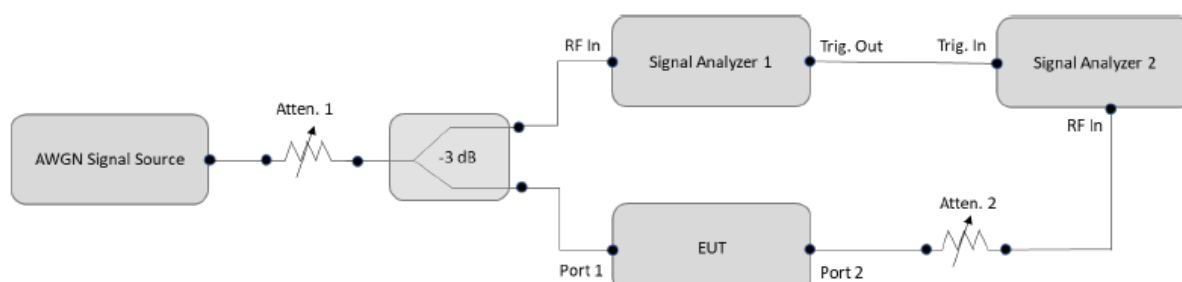


Figure 2. Contention-based protocol test setup, conducted method

14.2 Limit

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)¹. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF

energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Required number of tests

Incumbent and EUT (access point, subordinate or client) signals may occupy different portions of the channel. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz wide AWGN signal), the center frequency of the EUT signal F_{C1} may fall within the incumbent's occupied bandwidth (Figure 1.a), or outside of it (Figure 1.b).

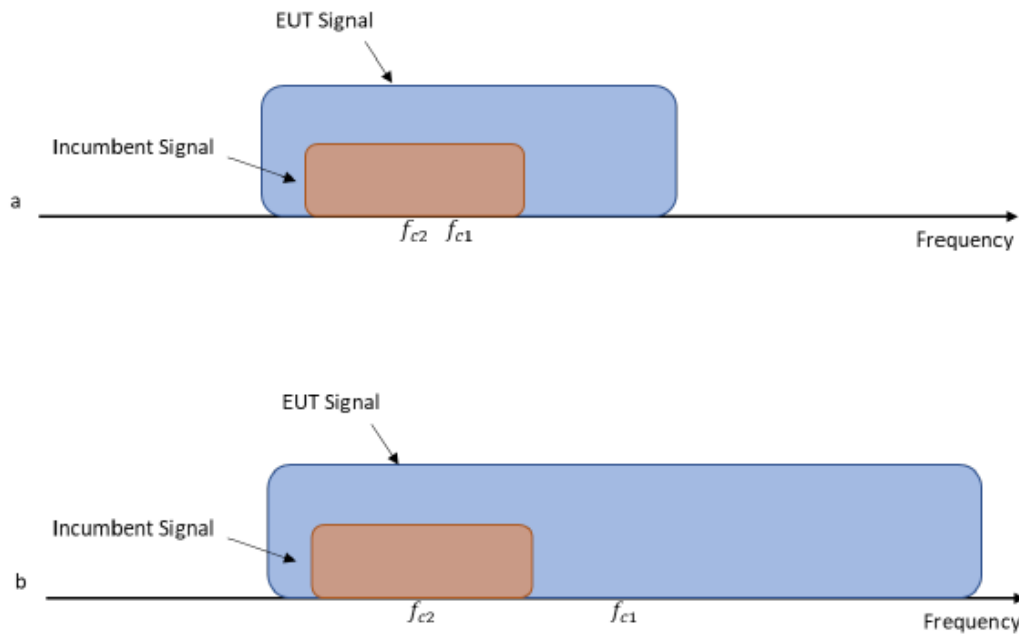


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency F_{c2}) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed;

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

where:

BW_{EUT} : Transmission bandwidth of EUT signal

BW_{Inc} : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)

F_{c1} : Center frequency of EUT transmission

F_{c2} : Center frequency of simulated incumbent signal

14.3 Test Procedure

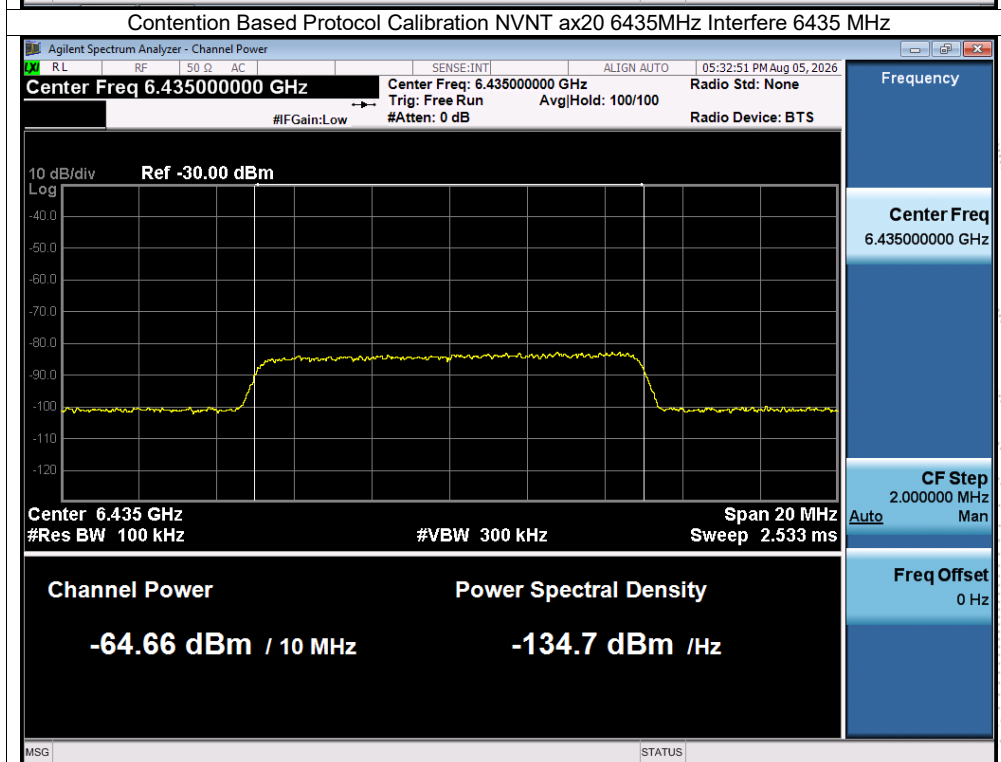
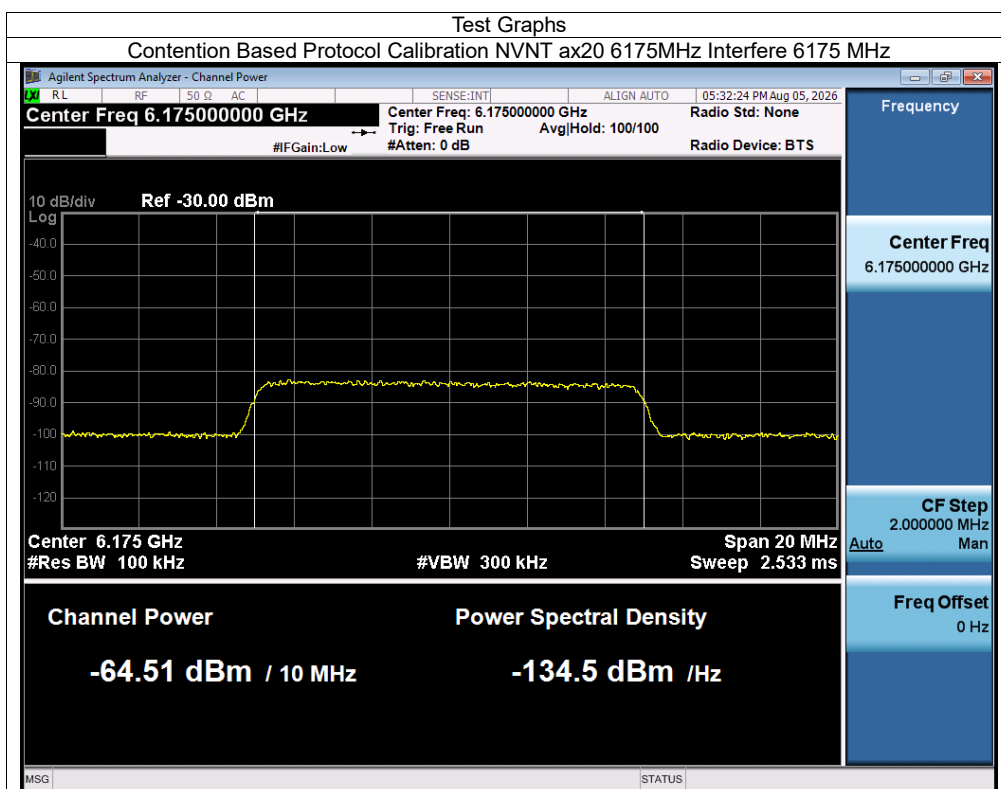
To ensure the EUT is capable of detecting co-channel energy, the first step is to configure the EUT to transmit with a constant duty cycle.² To simulate an incumbent signal, a signal generator (or similar source) that is capable of generating band-limited additive white Gaussian noise (AWGN) is required. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure 2) or a radiated method (Figure 3). Figure 2 shows the conducted test setup where a band-limited AWGN signal is generated at a very low power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased while the EUT transmission is monitored on a signal analyzer ² to verify if the EUT can sense the AWGN signal and can subsequently cease its transmission. A triggered measurement, as shown in Figure 2, is optional, and assists with determining the time it takes the EUT to cease transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, then an AWGN signal source can be connected to the same antenna port.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer ², as shown in Figure 2. Ensure that the attenuator ² provides enough attenuation to not overload the signal analyzer ² receiver.
4. Monitoring the signal analyzer ², verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal.
Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer ¹ and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer ¹.
8. Monitor the signal analyzer ² to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

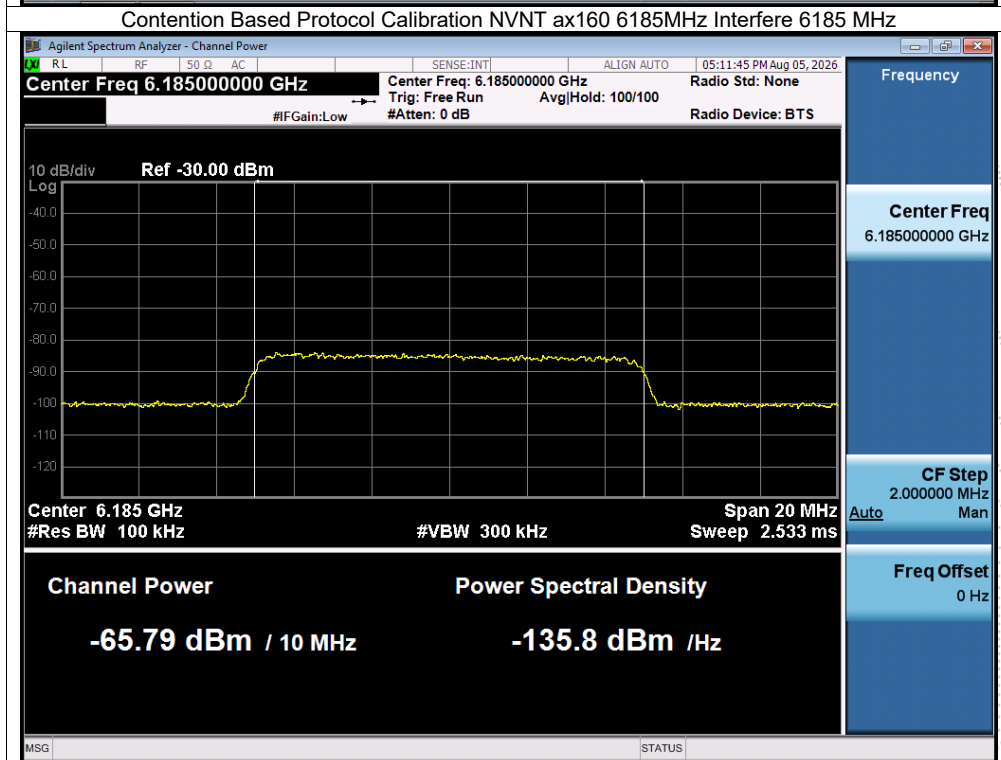
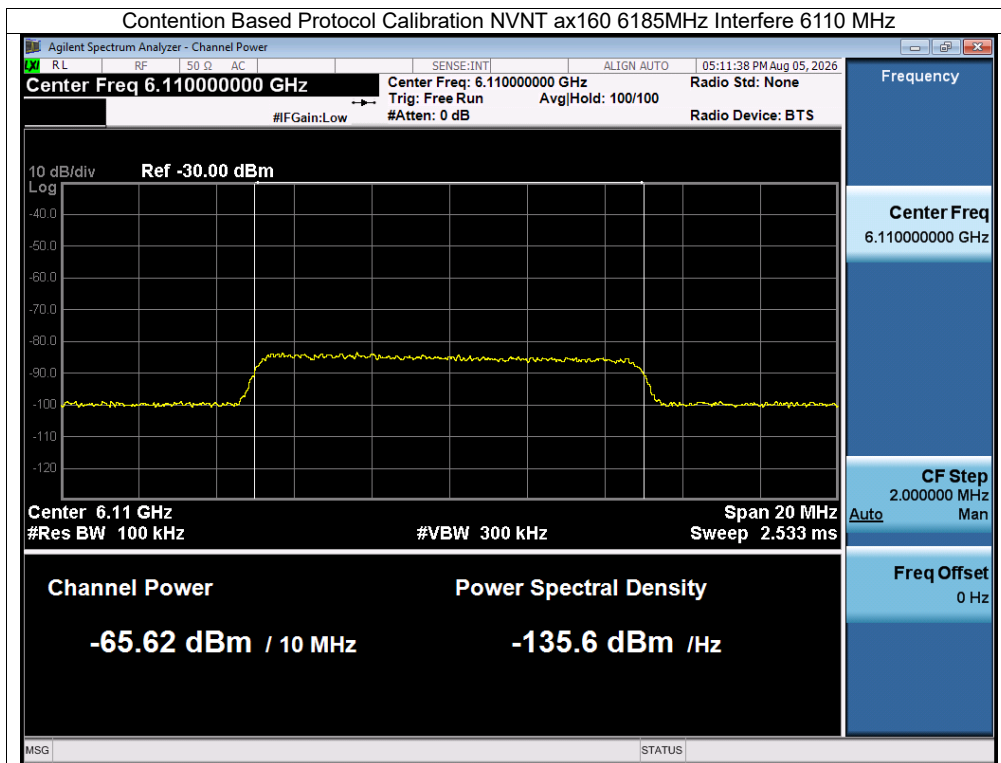
14.4 Test Result

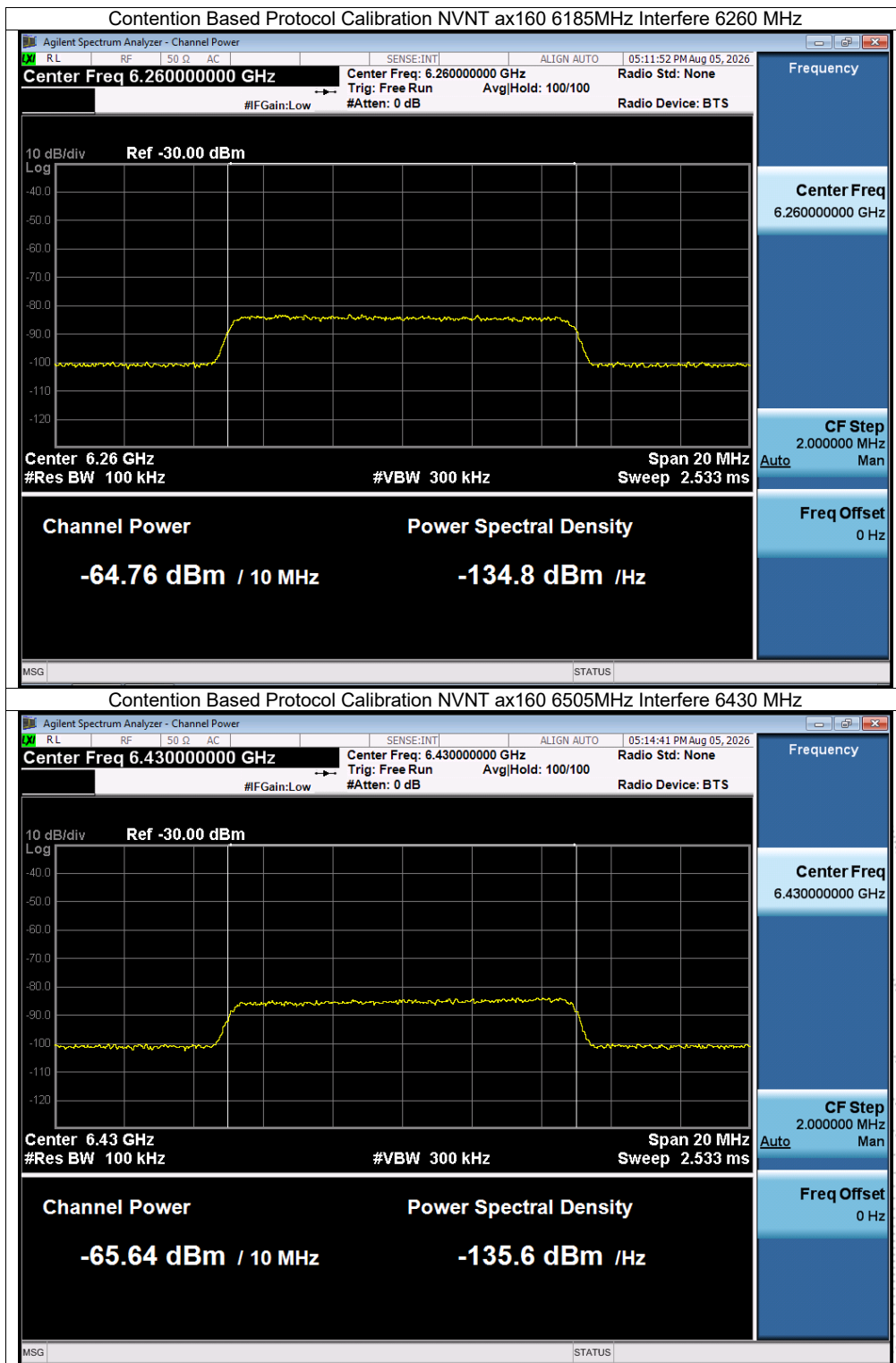
Contention Based Protocol Calibration

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Injected Power (dBm)	Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Limit (dBm)
NVNT	ax20	6175	Ant1	Center	6175	-64.51	1.28	-5	-70.79	-62
		6435		Center	6435	-64.66	1.28	-5	-70.94	-62
		6535		Center	6535	-63.34	1.28	-5	-69.62	-62
		6895		Center	6895	-64.66	1.28	-5	-70.94	-62
	ax160	6185		Low	6110	-65.62	1.28	-5	-71.9	-62
				Center	6185	-65.79	1.28	-5	-72.07	-62
				High	6260	-64.76	1.28	-5	-71.04	-62
				Low	6430	-65.64	1.28	-5	-71.92	-62
		6505		Center	6505	-69.03	1.28	-5	-75.31	-62
				High	6580	-69.36	1.28	-5	-75.64	-62
				Low	6590	-70.23	1.28	-5	-76.51	-62
				Center	6665	-68.1	1.28	-5	-74.38	-62
		6665		High	6740	-66.4	1.28	-5	-72.68	-62
				Low	6910	-64.71	1.28	-5	-70.99	-62
				Center	6985	-65.48	1.28	-5	-71.76	-62
				High	7060	-67.61	1.28	-5	-73.89	-62



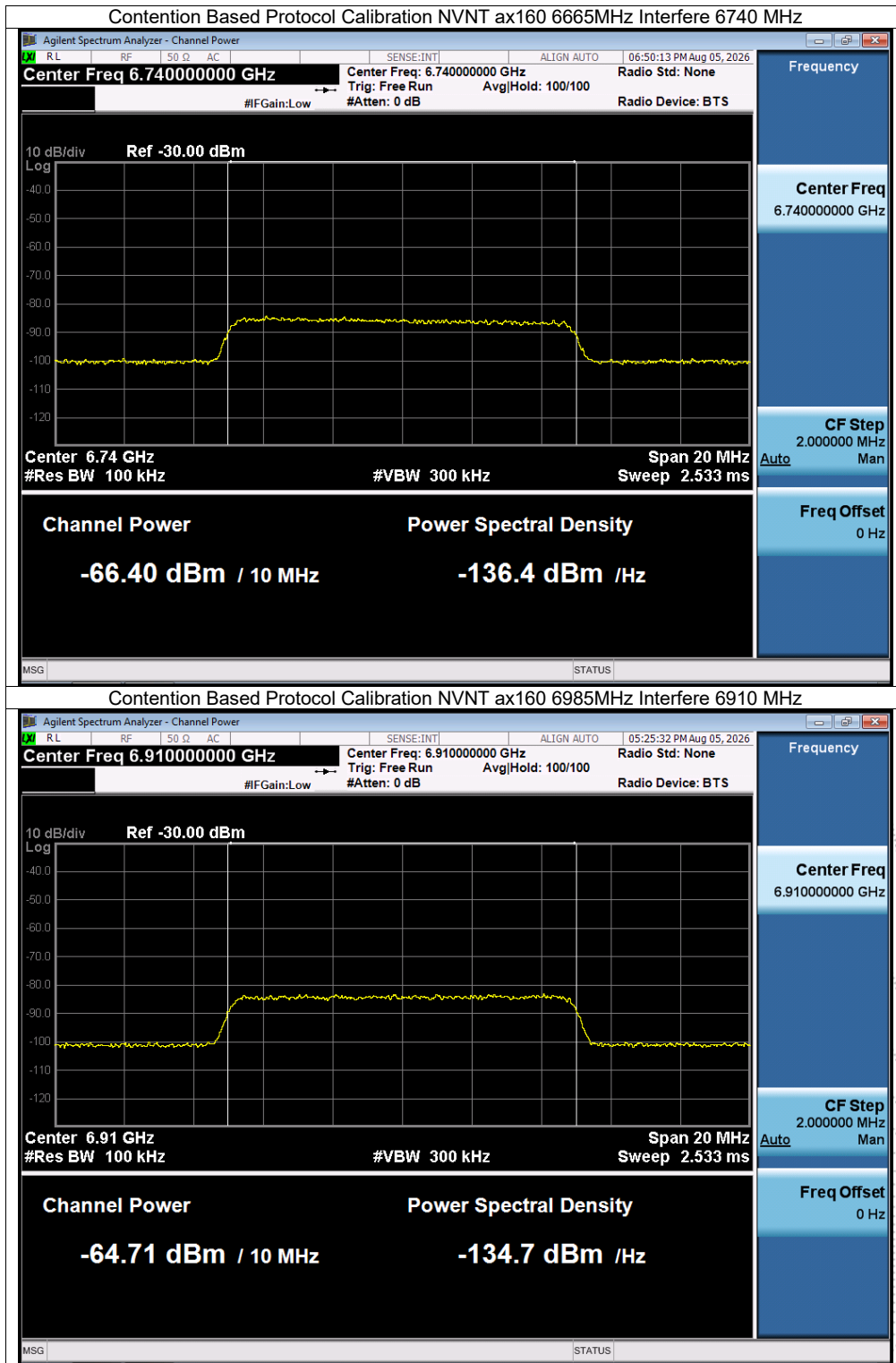


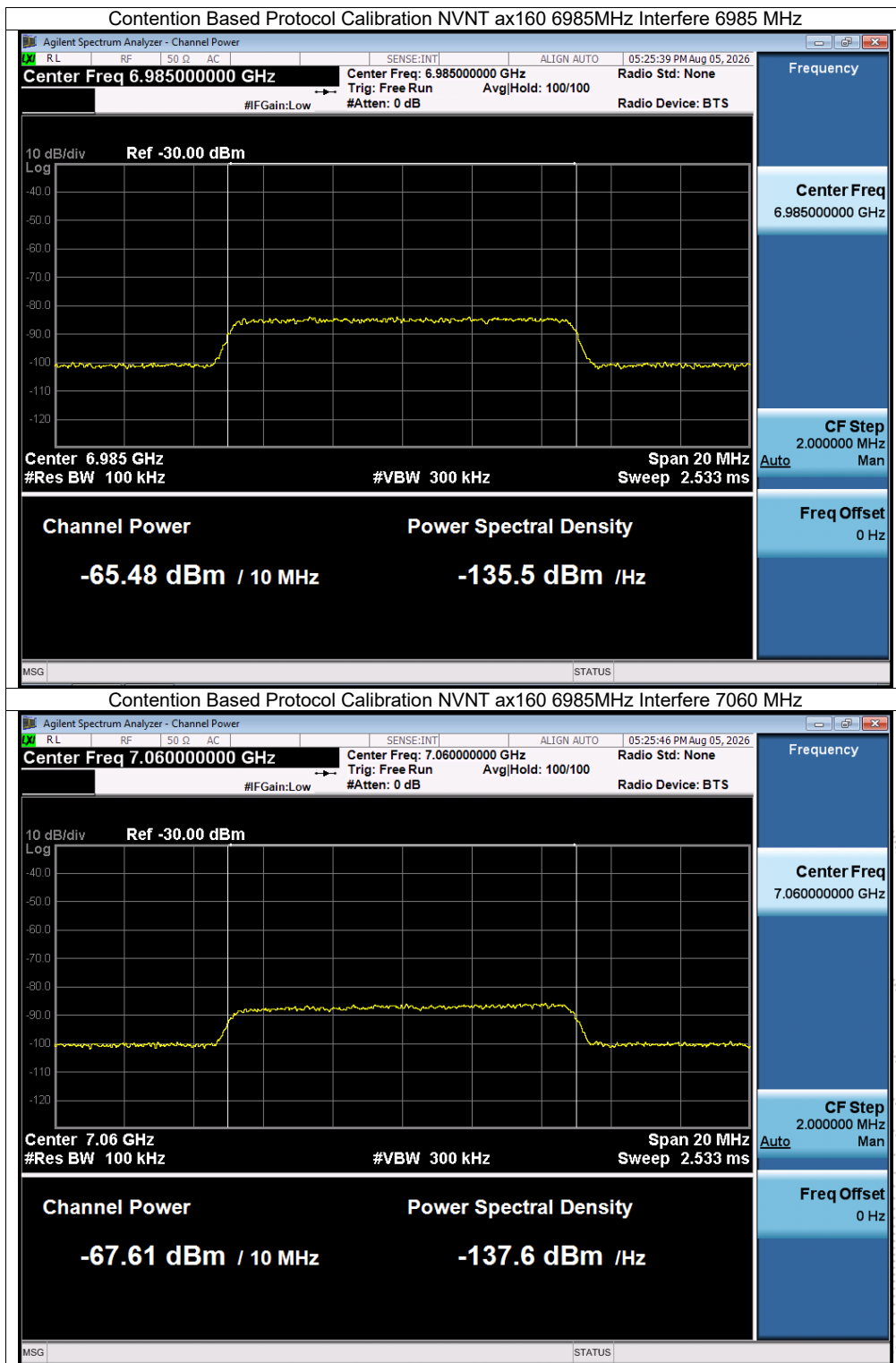






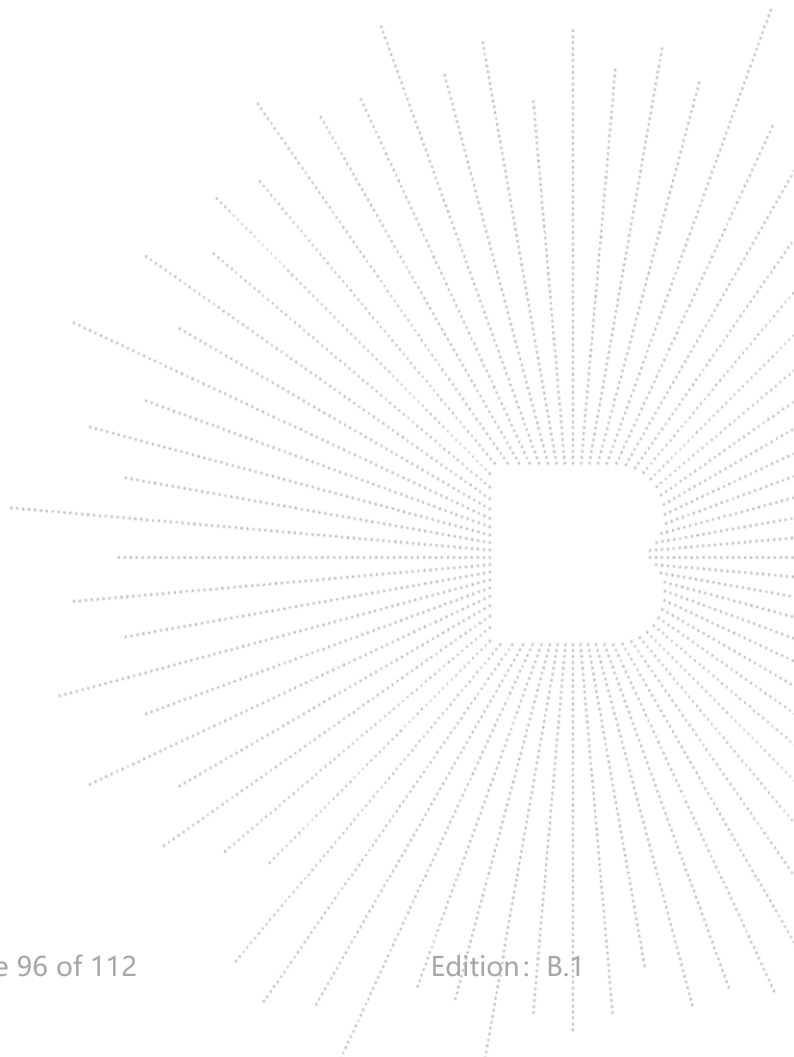






Contention Based Protocol

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Time	Is Detected	Verdict
NVNT	ax20	6175	MIMO	Center	6175	1	Yes	Pass
		6435		Center	6435	1	Yes	Pass
		6535		Center	6535	1	Yes	Pass
		6895		Center	6895	1	Yes	Pass
	ax160	6185		Low	6110	1	Yes	Pass
				Center	6185	1	Yes	Pass
				High	6260	1	Yes	Pass
				Low	6430	1	Yes	Pass
		6505		Center	6505	1	Yes	Pass
				High	6580	1	Yes	Pass
				Low	6590	1	Yes	Pass
				Center	6665	1	Yes	Pass
		6665		High	6740	1	Yes	Pass
				Low	6910	1	Yes	Pass
				Center	6985	1	Yes	Pass
				High	7060	1	Yes	Pass









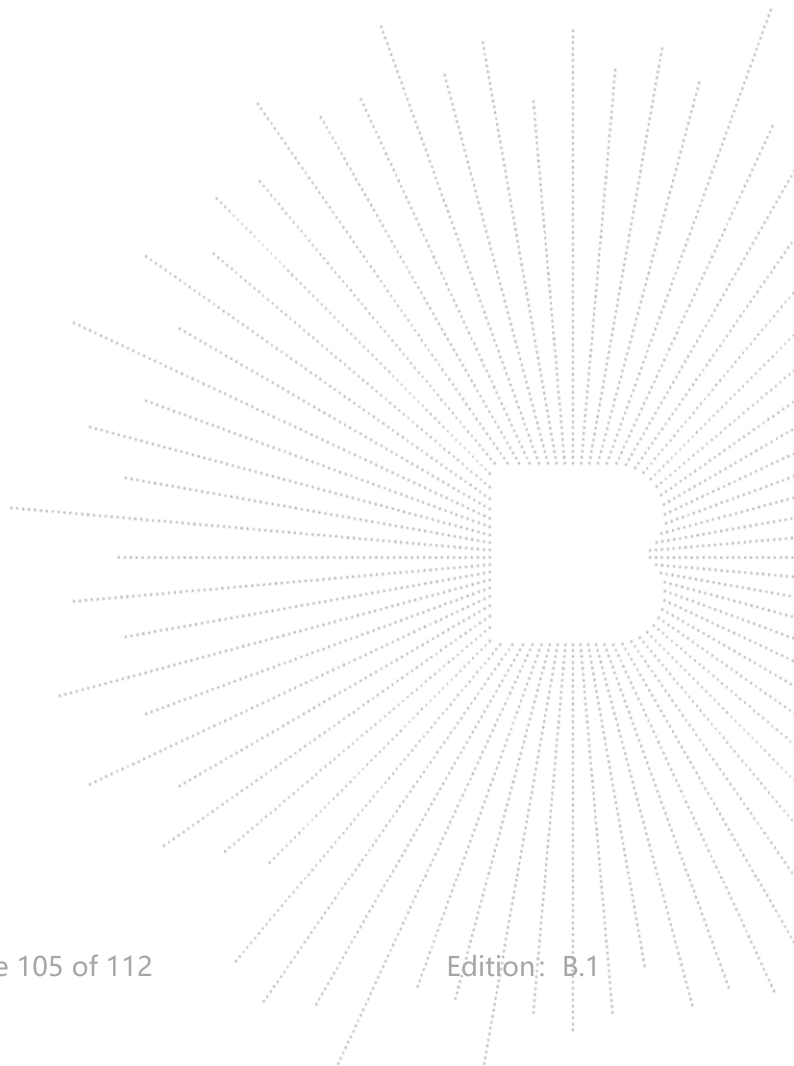












15. Duty Cycle Of Test Signal

15.1 Standard Requirement

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle. All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

15.2 Formula

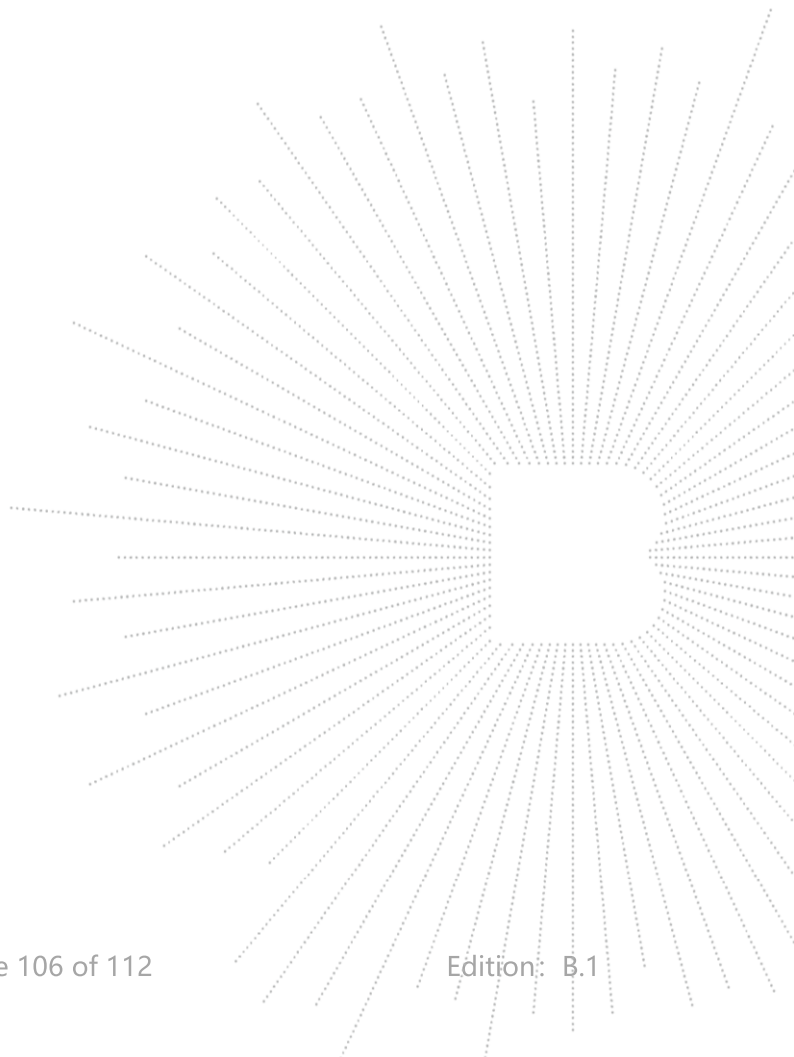
Duty Cycle = $T_{on} / (T_{on} + T_{off})$

15.3 Test Procedure

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

15.4 Test Result

Please refer to Appendix A: Duty Cycle
Test Result: Pass



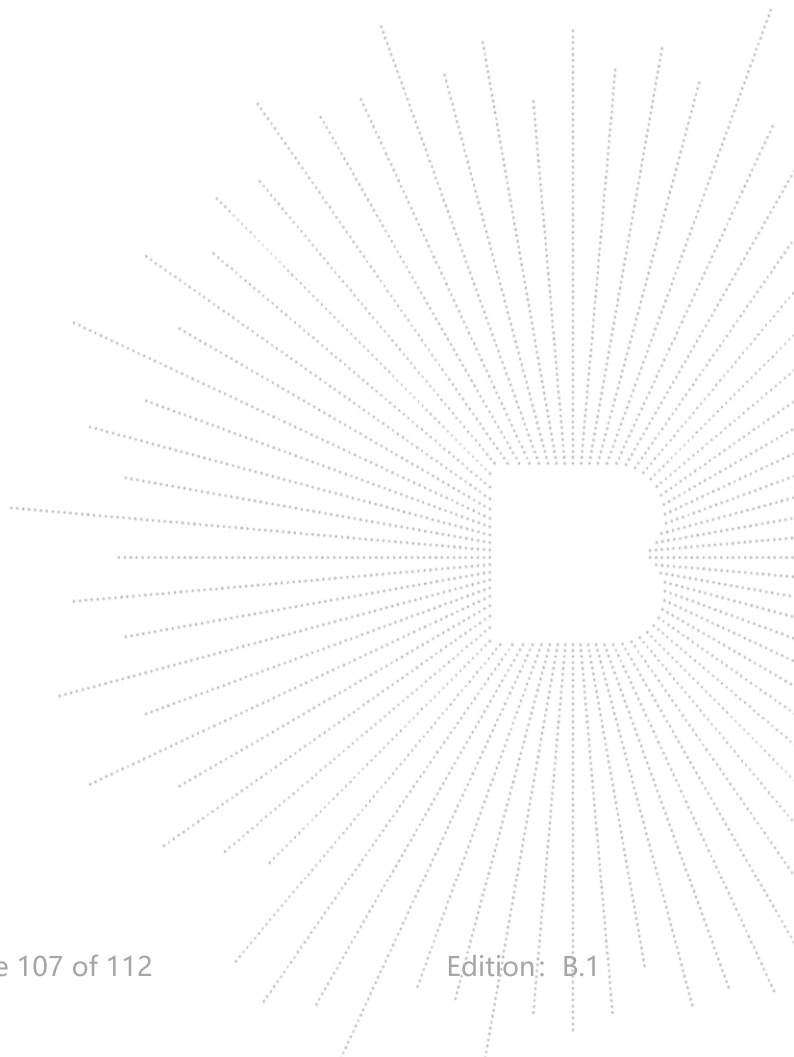
16. Antenna Requirement

16.1 Limit

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

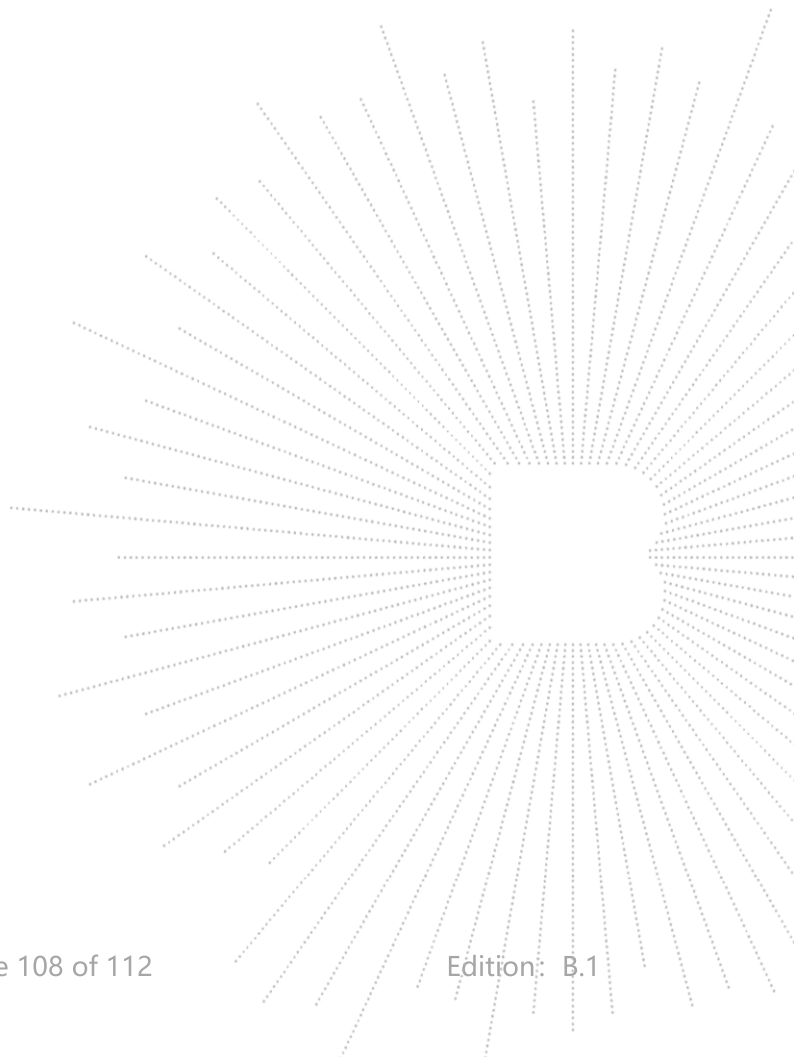
16.2 Test Result

The EUT antenna is External antenna, fulfill the requirement of this section.



17. EUT Photographs

NOTE: Appendix-Photographs Of EUT Constructional Details.



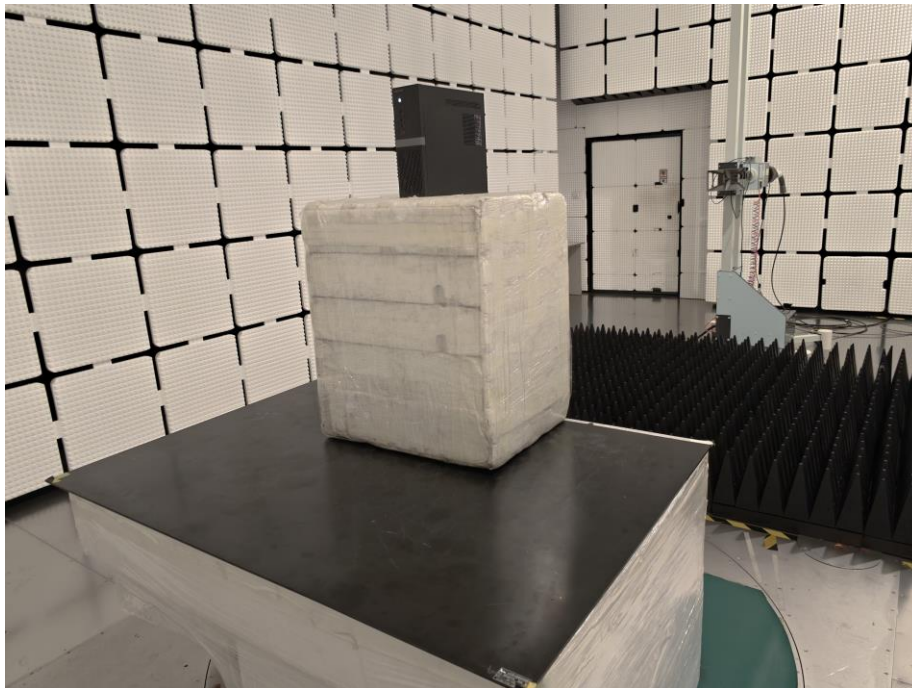
18. EUT Test Setup Photographs

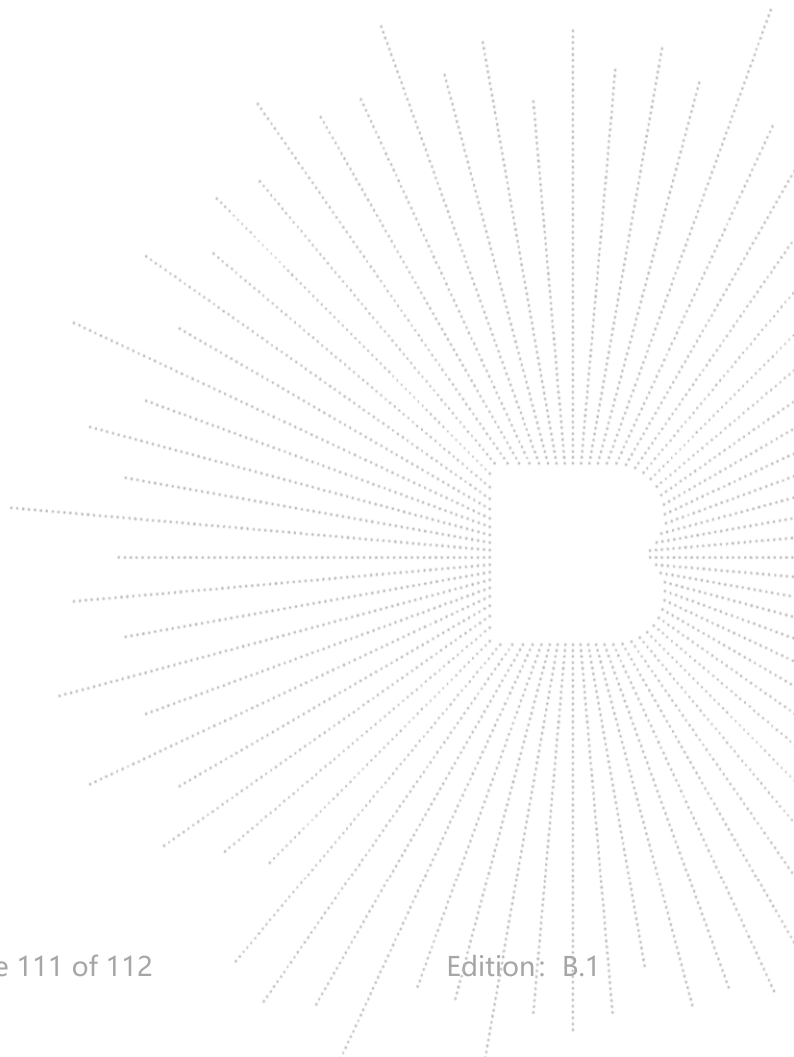
Conducted emissions Photo



Radiated Measurement Photos







STATEMENT

1. The equipment lists are traceable to the International System of Units (SI)
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC 17025:2017.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

Room 101M, Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang, Nanwan Subdistrict, Longgang District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: <http://www.chnbctc.com>

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****