



RF TEST REPORT

Product Name: DTEN D7X AI 55

Model Number: DB7U1R455

FCC ID: 2AQ7Q-DB7U1R455

Issued For : DTEN Inc.

97 E Brokaw Road Suite 180 San Jose CA 95112

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Zhenxiong Industrial Park,
No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan
District, Shenzhen, Guangdong, China

Report Number: LGT25L356RF13

Sample Received Date: Dec. 18, 2025

Date of Test: Dec. 18, 2025 ~ Jan. 29, 2026

Date of Issue: Jan. 29, 2026

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TEST REPORT CERTIFICATION

Applicant: DTEN Inc.
Address: 97 E Brokaw Road Suite 180 San Jose CA 95112
Manufacturer: DTEN Inc.
Address: 97 E Brokaw Road Suite 180 San Jose CA 95112
Product Name: DTEN D7X AI 55
Trademark: DTEN
Model Number: DB7U1R455
Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.407, Subpart E ANSI C63.10-2020	PASS

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Revision History

Rev.	Issue Date	Revisions
00	Jan. 29, 2026	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Part 15.407, KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

FCC Part 15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a) /15.407 (e)	26dB/6dB &99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power	PASS
15.407(b)/15.205/15.209	Radiated Emission And (bandedge Emissions) Measurement	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.407(d)	Contention Based Protocol	PASS
15.407(g)	Frequency Stability	PASS
15.203/15.204	Antenna Requirement	PASS

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020.
- (3) Manufacturers 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 users manual.



1.1 TEST FACTORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China
Accreditation Certificate:	FCC Registration No.: 746540
	CAB ID: CN0136

1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	Occupied Channel Bandwidth	$\pm 0.46\%$
2	RF Output Power, Conducted	$\pm 0.71\text{dB}$
3	Power Spectral Density, Conducted	$\pm 1.57\text{dB}$
4	Unwanted Emission, Conducted	$\pm 0.63\text{dB}$
5	Conducted emission	$\pm 2.80\text{dB}$
6	All Emissions, Radiated (0.009-30MHz)	$\pm 2.16\text{dB}$
7	All Emissions, Radiated (30MHz-1GHz)	$\pm 4.61\text{dB}$
8	All Emissions, Radiated (1GHz-18GHz)	$\pm 5.49\text{dB}$
9	Temperature	$\pm 0.5^{\circ}\text{C}$
10	Humidity	$\pm 2\%$
11	Duty Cycle	$\pm 2.3\%$

Note: The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	DTEN D7X AI 55	
Test Model Number:	DB7U1R455	
Series Number:	N/A	
Model Difference:	N/A	
Product Description:	Operation Frequency:	IEEE 802.11a/n/ac/ax/be(20MHz): 5.955GHz-7.115GHz IEEE 802.11n/ac/ax/be(40MHz): 5.969GHz-7.085GHz IEEE 802.11ac/ax/be(80MHz): 5.985GHz-7.025GHz IEEE 802.11ax/be(160MHz): 6.025GHz-6.985GHz IEEE 802.11be(320MHz): 6.105GHz-6.905GHz
	Modulation Type:	802.11a/n/ac/ax/be: OFDM-BPSK,QPSK,16-QAM,64-QAM,256-QAM and 1024QAM or 4096-QAM4
	Antenna Designation:	Dipole Antenna
	Antenna Gain	ANT 1: 2.22dBi ANT 2: 2.22dBi MIMO: 5.23dBi
	More details of EUT technical specification, please refer to the User Manual.	
Test Channel:	Please refer to the Note 3.	
Rating:	Input: AC 100~240V 50/60Hz 3.0A	
Hardware Version:	N/A	
Software Version:	N/A	
Connecting I/O Port(s):	Please refer to the Note 1.	

Note

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.



3. Operation Frequency of channel

IEEE 802.11 ax\be (20MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	97	6435	117	6535	189	6895
5	5975	101	6455	121	6555	193	6915
9	5995	105	6475	125	6575	197	6935
13	6015	109	6495	129	6595	201	6955
17	6035	113	6515	133	6615	205	6975
21	6055	-	-	137	6635	209	6995
25	6075	-	-	141	6655	213	7015
29	6095	-	-	145	6675	217	7035
33	6115	-	-	149	6695	221	7055
37	6135	-	-	153	6715	225	7075
41	6155	-	-	157	6735	229	7095
45	6175	-	-	161	6755	233	7115
49	6195	-	-	165	6775	-	-
53	6215	-	-	169	6795	-	-
57	6235	-	-	173	6815	-	-
61	6255	-	-	177	6835	-	-
65	6275	-	-	181	6855	-	-
69	6295	-	-	185	6875	-	-
73	6315	-	-	-	-	-	-
77	6335	-	-	-	-	-	-
81	6355	-	-	-	-	-	-
85	6375	-	-	-	-	-	-
89	6395	-	-	-	-	-	-
93	6415	-	-	-	-	-	-

802.11 ax\be (40MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	99	6445	115	6525	187	6885
11	6005	107	6485	123	6565	195	6925
19	6045	-	-	131	6605	203	6965
27	6085	-	-	139	6645	211	7005
35	6125	-	-	147	6685	219	7045
43	6165	-	-	155	6725	227	7085
51	6205	-	-	163	6765	-	-
59	6245	-	-	171	6805	-	-
67	6285	-	-	179	6845	-	-
75	6325	-	-	-	-	-	-
83	6365	-	-	-	-	-	-
91	6405	-	-	-	-	-	-

802.11 ax\be (80MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	103	6465	119	6545	199	6945
23	6065	-	-	135	6625	215	7025
39	6145	-	-	151	6705	-	-
55	6225	-	-	167	6785	-	-
71	6305	-	-	183	6865	-	-
87	6385	-	-	-	-	-	-



802.11 a\lbe (160MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	111	6505	143	6665	207	6985
47	6185	-	-	175	6825	-	-
79	6345	-	-	-	-	-	-

802.11be (320MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
31	6105	-	-	127	6585	191	6905
63	6265	-	-	159	6745	-	-

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

802.11 a\lbe (20MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	97	6435	117	6535	189	6895
45	6175	105	6475	149	6695	209	6995
93	6415	113	6515	185	6875	233	7115

802.11 a\lbe (40MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	99	6445	115	6525	195	6925
43	6165	107	6485	147	6685	211	7005
91	6405	-	-	187	6885	227	7085

802.11 a\lbe (80MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	103	6465	119	6545	199	6945
39	6145	-	-	151	6705	215	7025
87	6385	-	-	183	6865	-	-

802.11 a\lbe (160MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	111	6505	143	6665	207	6985
47	6185	-	-	175	6825	-	-
79	6345	-	-	-	-	-	-



802.11be (320MHz)							
UNII-5		UNII-6		UNII-7		UNII-8	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
31	6105	-	-	127	6585	191	6905
63	6265	-	-	159	6745	-	-



2.2 DESCRIPTION OF TEST MODES

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.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11ax HE20&be EHT20 CH1&CH45&CH93	NSS1 MCS0
Mode 2	TX IEEE 802.11ax HE20&be EHT20 CH97&CH105&CH113	NSS1 MCS0
Mode 3	TX IEEE 802.11ax HE20&be EHT20 CH117&CH121&CH185	NSS1 MCS0
Mode 4	TX IEEE 802.11ax HE20&be EHT20 CH189&CH209&CH233	NSS1 MCS0
Mode 5	TX IEEE 802.11ax HE40&be EHT40 CH3&CH43&CH91	NSS1 MCS0
Mode 6	TX IEEE 802.11ax HE40&be EHT40 CH99&CH107	NSS1 MCS0
Mode 7	TX IEEE 802.11ax HE40&be EHT40 CH115&CH147&CH187	NSS1 MCS0
Mode 8	TX IEEE 802.11ax HE40&be EHT40 CH195&CH211&CH227	NSS1 MCS0
Mode 9	TX IEEE 802.11ax HE80&be EHT80 CH7&CH39&CH87	NSS1 MCS0
Mode 10	TX IEEE 802.11ax HE80&be EHT80 CH103	NSS1 MCS0
Mode 11	TX IEEE 802.11ax HE80&be EHT80 CH119&CH151&CH183	NSS1 MCS0
Mode 12	TX IEEE 802.11ax HE80&be EHT80 CH199&CH215	NSS1 MCS0
Mode 13	TX IEEE 802.11ax HE160&be EHT160 CH15&CH47&CH79	NSS1 MCS0
Mode 14	TX IEEE 802.11ax HE160&be EHT160 CH111	NSS1 MCS0
Mode 15	TX IEEE 802.11ax HE160&be EHT160 CH143&CH175	NSS1 MCS0
Mode 16	TX IEEE 802.11ax HE160&be EHT160 CH207	NSS1 MCS0
Mode 17	TX IEEE 802.11be EHT320 CH31&CH63	NSS1 MCS0
Mode 18	TX IEEE 802.11be EHT320 CH127&CH159	NSS1 MCS0
Mode 19	TX IEEE 802.11be EHT320 C191	NSS1 MCS0

- Note: (1) The measurements are performed at the highest, middle, lowest available channels.
 (2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
 (3) We have been tested for all available U.S. voltage and frequencies (For 120V, 50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.
 (4) The battery is fully-charged during the radiated and RF conducted test.
 (5) All bandwidth modes have been tested, and the report only shown the worst mode data.
 (6) The 802.11ax mode is investigated among different tones (26/52/106/242-tone RU channel), full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

AC Conducted Emission

Test Case	
AC Conducted Emission	Mode 20: TX Mode



2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test software Version	Test program: WIFI 6E ban5		
DRTU	Mode Or Modulation type	SISO Power setting	MIMO Power setting
	ax20	8	3.5
	ax40	11	6.5
	ax80	14	9.5
	ax160	17	13
	be20	8	3.5
	be40	11	6.5
	be80	14	9.5
	be160	17	13.5
	be320	15.5	15.5
Test software Version	Test program: WIFI 6E ban6		
DRTU	Mode Or Modulation type	SISO Power setting	MIMO Power setting
	ax20	8	3.5
	ax40	11	6.5
	ax80	14	9.5
	ax160	17	13
	be20	8	3.5
	be40	11	6.5
	be80	14	9.5
	be160	17	13.5
	be320	17	13.5
Test software Version	Test program: WIFI 6E ban7		
DRTU	Mode Or Modulation type	SISO Power setting	MIMO Power setting
	ax20	8	3.5
	ax40	11	6.5
	ax80	14	9.5
	ax160	16	13
	be20	8	3.5
	be40	11	6.5
	be80	14	9.5
	be160	16	13.5
Test software Version	Test program: WIFI 6E ban8		
DRTU	Mode Or Modulation type	SISO Power setting	MIMO Power setting
	ax20(Except for 7115MHz)	8	3.5
	ax20(Only 7115MHz)	-10	-10
	ax40	11	6.5



	ax80	14	11
	ax160	17	14
	be20(Except for 7115MHz)	8	3.5
	be20(Only 7115MHz)	-10	-10
	be40	11	6.5
	be80	14	11
	be160	17	14
	be320	15	15



2.4 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Accessories Equipment

Description	Manufacturer	Model	S/N	Rating
Power cord	DTEN	N/A	N/A	N/A
USB-C to USB-C Cable	DTEN	N/A	N/A	N/A
stylus	DTEN	N/A	N/A	N/A

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	ASUS	UX3407Q	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2025.03.06	2026.03.05
LISN	COM-POWER	LI-115	02032	2025.03.05	2026.03.04
LISN	SCHWARZBECK	NNLK 8122	00160	2025.03.05	2026.03.04
Transient Limiter	CYBERTEK	EM5010A	E22501000 49	2025.03.05	2026.03.04
Coaxial cables (9kHz-30MHz)	Juncoax	JMR600-NM NM-2M	N.A	2025.03.06	2026.03.05
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2025.03.10	2026.03.09
Testing Software	EMC-I_V1.4.0.3_SKET				

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2025.03.06	2026.03.05
Active loop Antenna	ETS	6502	00049544	2025.03.11	2028.03.10
Spectrum Analyzer	Keysight	N9010B	MY602425 08	2025.03.05	2026.03.04
Trilog Broadband Antenna (30M-1G)	SCHWARZBECK	VULB 9168	2705	2024.05.17	2027.05.16
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2025.03.10	2028.03.09
Horn Antenna(18-40G)	SCHWARZBECK	BBHA 9170	685	2023.10.23	2026.10.22
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2025.03.06	2026.03.05
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2025.03.06	2026.03.05
Pre-amplifier(18-40G)	SCHWARZBECK	BBV 9721	9721-019	2025.10.20	2026.10.19
Coaxial cables (9kHz-1GHz)	Juncoax	JMR600-NM NM-8M	N.A	2025.03.06	2026.03.05
Coaxial cables (1GHz-18GHz)	TaiHe	UCD460B-N MSM-1M9	N.A	2025.03.06	2026.03.05
Coaxial cables (18GHz-40GHz)	Junkosha Inc.	MWX241-05 000KMSKMS	N.A	2025.03.08	2026.03.07
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025.07.30	2026.07.29
Antenna Tower	SAEMC	BK-4AT-BS- D	SK2021093 008	N.A	N.A
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2025.03.10	2026.03.09
Testing Software	EMC-I_V1.4.0.3_SKET				

RF Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9020A	MY505309 94	2025.03.05	2026.03.04
Power Sensor	R&S	NRP8S	104963	2025.03.06	2026.03.05
RF Automatic Test system	TST	TST PASS	293	2025.07.15	2026.07.14
MXG Vector Signal Generator	Keysight	N5182B	MY591007 17	2025.03.05	2026.03.04
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025.07.30	2026.07.29
Attenuator	eastsheep	90db	N.A	2025.03.06	2026.03.05
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2025.03.10	2026.03.09



Digital multimeter	MASTECH	MS8261	MBGBC83 053	2025.03.05	2026.03.04
DC source	Keysight	E3634A	MY580364 68	2025.03.06	2026.03.05
Testing Software	TST Pass_2.0.2				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class B (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	56.00	46.00	CISPR
5.0 -30.0	60.00	50.00	CISPR

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of “ * ” marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

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



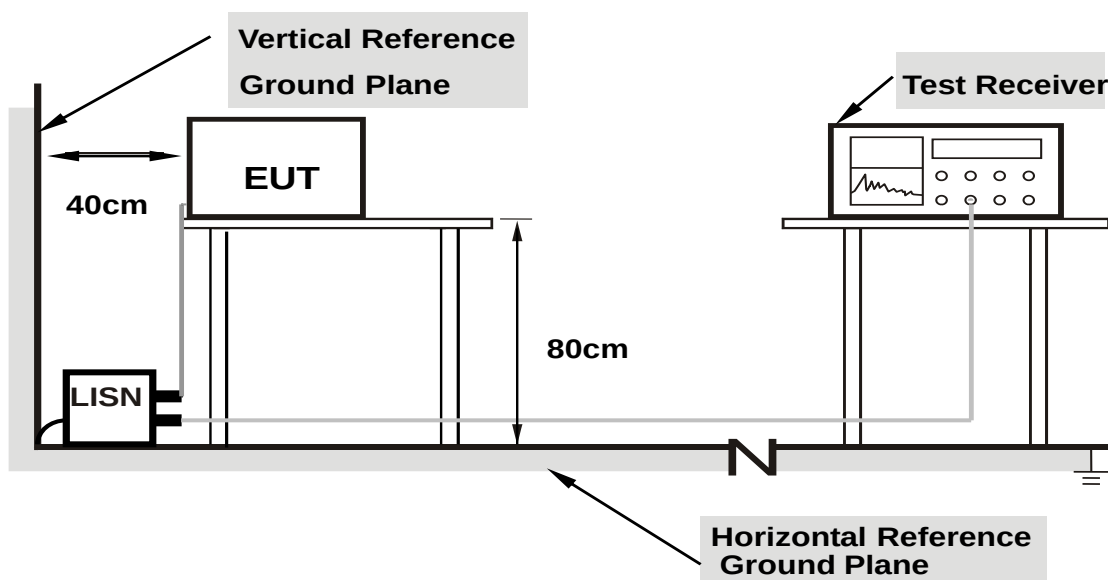
3.1.2 TEST PROCEDURE

- The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN is at least 80 cm from the nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3 DEVIATION FROM TEST STANDARD

No deviation

3.1.4 TEST SETUP



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes support units.

3.1.5 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.

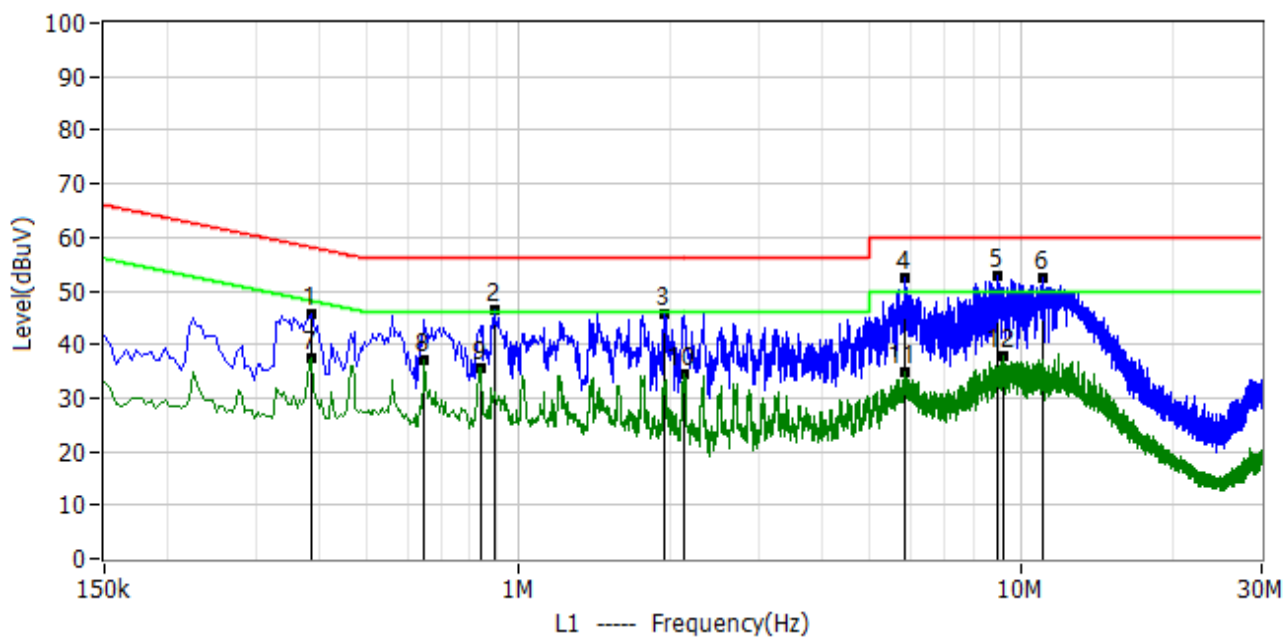


3.1.6 TEST RESULTS

Note: Level = Reading + Factor

Margin = Level – Limit

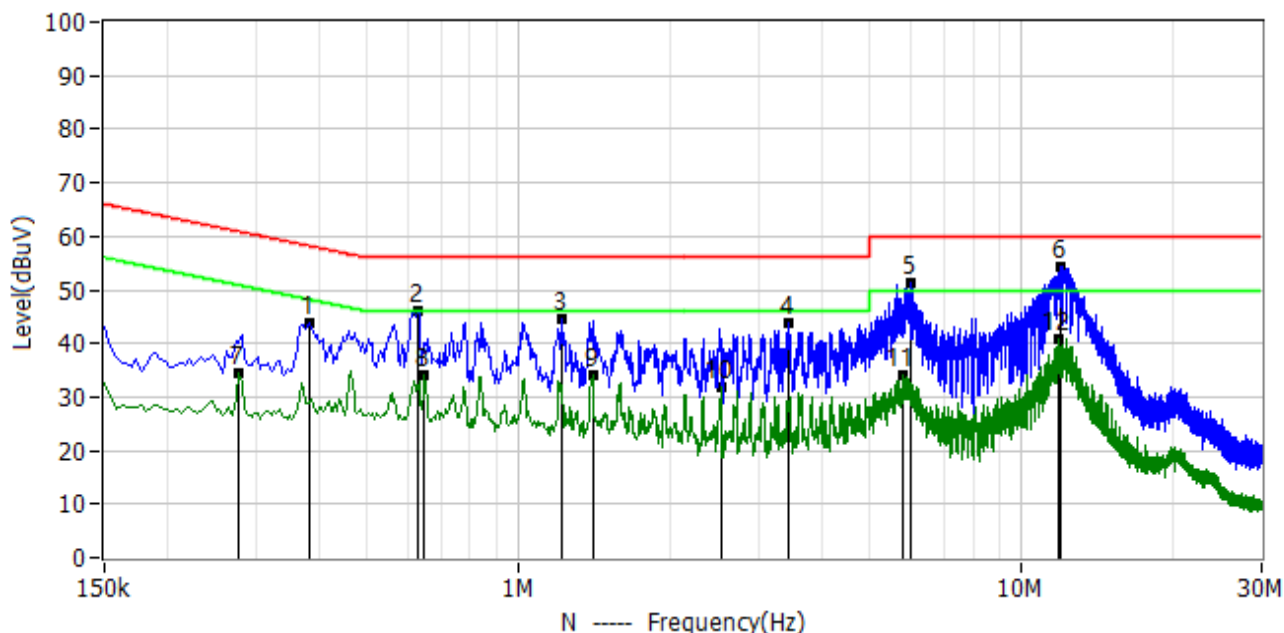
Project: LGT25L356	Test Engineer: LiuH
EUT: DTEN D7X AI 55	Temperature: 21.6°C
M/N: DB7U1R455	Humidity: 46%RH
Test Voltage: AC 120V/60Hz	Test Data: 2026-01-13
Test Mode: TX 802.11ax 5965	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.386	34.81	10.87	45.68	58.15	-12.47	QP	L1
2*	0.894	35.44	10.88	46.32	56.00	-9.68	QP	L1
3*	1.950	34.68	11.10	45.78	56.00	-10.22	QP	L1
4*	5.862	40.95	11.37	52.32	60.00	-7.68	QP	L1
5*	8.938	41.33	11.47	52.80	60.00	-7.20	QP	L1
6*	11.022	40.84	11.54	52.38	60.00	-7.62	QP	L1
7*	0.386	26.54	10.87	37.41	48.15	-10.74	AV	L1
8*	0.650	26.05	10.89	36.94	46.00	-9.06	AV	L1
9*	0.838	24.65	10.88	35.53	46.00	-10.47	AV	L1
10*	2.122	23.26	11.11	34.37	46.00	-11.63	AV	L1
11*	5.882	23.28	11.37	34.65	50.00	-15.35	AV	L1
12*	9.178	26.45	11.47	37.92	50.00	-12.08	AV	L1



Project: LGT25L356	Test Engineer: LiuH
EUT: DTEN D7X AI 55	Temperature: 21.6°C
M/N: DB7U1R455	Humidity: 46%RH
Test Voltage: AC 120V/60Hz	Test Data: 2026-01-13
Test Mode: TX 802.11ax 5965	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.382	32.83	10.82	43.65	58.24	-14.59	QP	N
2*	0.630	35.16	10.86	46.02	56.00	-9.98	QP	N
3*	1.218	33.69	10.94	44.63	56.00	-11.37	QP	N
4*	3.446	32.42	11.25	43.67	56.00	-12.33	QP	N
5*	6.042	39.98	11.36	51.34	60.00	-8.66	QP	N
6*	11.934	42.77	11.56	54.33	60.00	-5.67	QP	N
7*	0.278	23.72	10.73	34.45	50.88	-16.43	AV	N
8*	0.650	23.26	10.86	34.12	46.00	-11.88	AV	N
9*	1.402	22.87	11.04	33.91	46.00	-12.09	AV	N
10*	2.526	20.51	11.19	31.70	46.00	-14.30	AV	N
11*	5.818	22.73	11.35	34.08	50.00	-15.92	AV	N
12*	11.874	29.21	11.56	40.77	50.00	-9.23	AV	N



3.2 RADIATED EMISSION AND (BANDEGE) MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

In case the emission fall within the restricted band specified on 15.407(b)7&15.205/209(a), then the limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Class B (dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	68.2	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15E.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (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	Above 38.6
13.36-13.41			

Note: In case the emission radiated emission above 1000MHz fall within the restricted band the restricted frequency bands, the peak limit is 74 dBuV/m.



Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic (Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1 MHz / 1 MHz, AV=1 MHz /3 MHz

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



3.2.2 TEST PROCEDURE

- The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization 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 QuasiPeak detector mode will be re-measured.
- If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

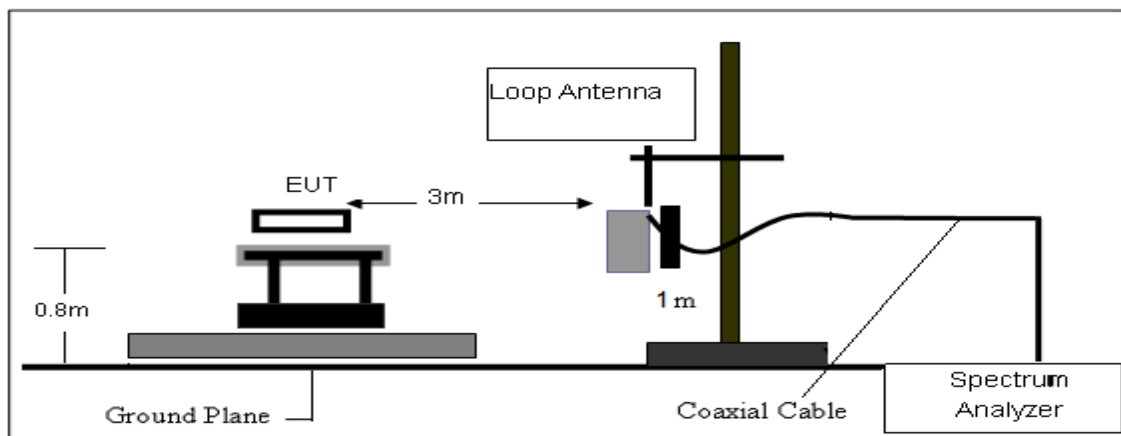
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.2 DEVIATION FROM TEST STANDARD

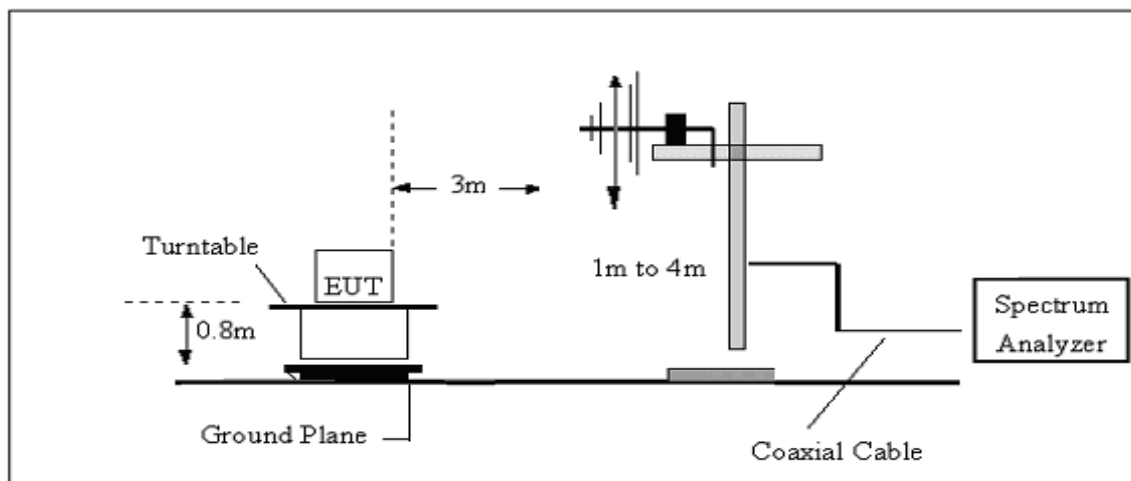
No deviation

3.2.3 TEST SETUP

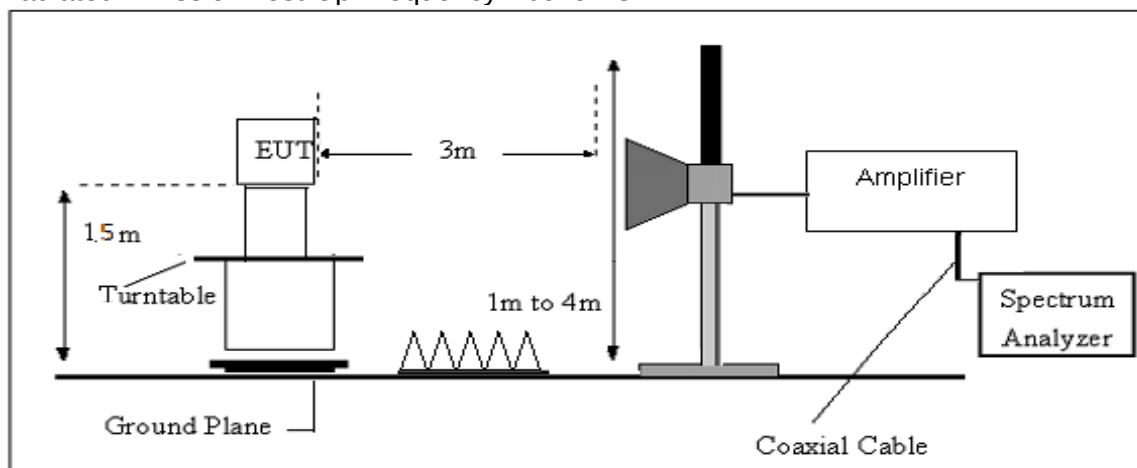
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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





3.2.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = \text{AF} + \text{CL} - \text{AG}$$



3.2.6 TEST RESULTS

Results of Radiated Emissions (9 KHz~30MHz)

No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Remark
1*	-	-	-	-	-	-	-	See Note

Note:

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and the permissible value has no need to be reported.

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

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



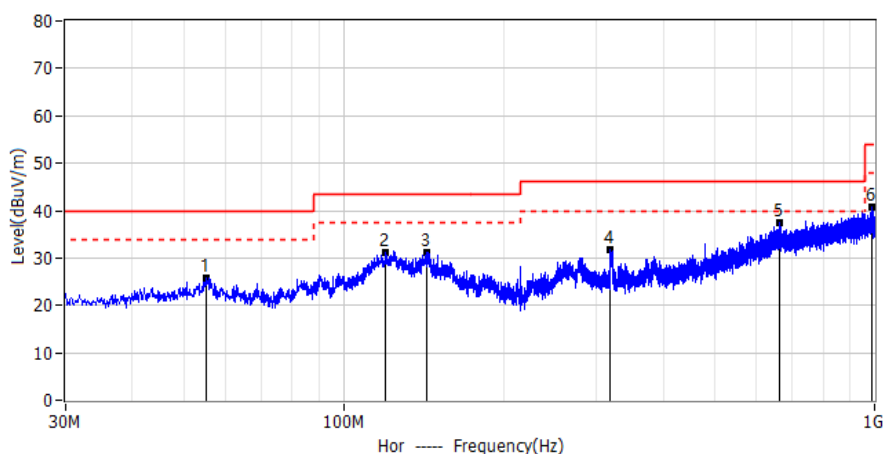
Results of Radiated Emissions (30MHz~1000MHz)

Note:1. All mode has been tested, only shown the worst case data.

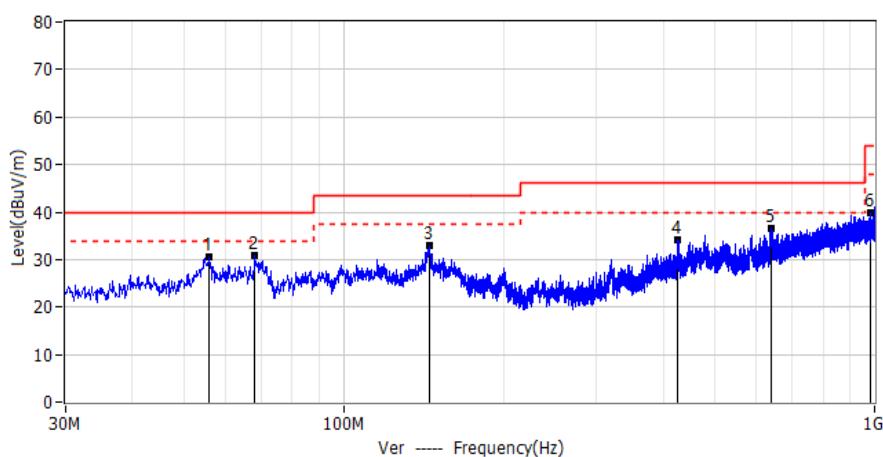
2. Level = Reading + Factor

Margin = Level – Limit

Project: LGT25L356	Test Engineer: zhangchengxiang
EUT: DTEN D7X AI 55	Temperature: 23.6°C
M/N: DB7U1R455	Humidity: 48%RH
Test Voltage: AC 120V/60Hz	Test Data: 2026-01-16
Test Mode: TX 802.11ax 5965	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	55.220	5.60	20.28	25.88	40.00	-14.12	PK	Hor
2*	119.846	11.48	19.62	31.10	43.50	-12.40	PK	Hor
3*	143.733	9.60	21.68	31.28	43.50	-12.22	PK	Hor
4*	318.454	8.86	22.95	31.81	46.00	-14.19	PK	Hor
5*	661.228	6.86	30.47	37.33	46.00	-8.67	PK	Hor
6*	990.058	5.75	35.03	40.78	54.00	-13.22	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	55.826	10.66	19.98	30.64	40.00	-9.36	PK	Ver
2*	68.194	12.39	18.38	30.77	40.00	-9.23	PK	Ver
3*	145.309	11.31	21.53	32.84	43.50	-10.66	PK	Ver
4*	426.488	8.12	25.95	34.07	46.00	-11.93	PK	Ver
5*	637.099	6.43	30.16	36.59	46.00	-9.41	PK	Ver
6*	982.904	4.63	35.34	39.97	54.00	-14.03	PK	Ver



Results of Radiated Emissions (Above 1000MHz)

Note:1. All mode has been tested, only shown the worst case data.

UNII-5(5.925-6.425) GHz							
Frequency (MHz)	Reading (dBμV)	Corrected Factor (dB)	Result (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector	Polarity
Low Channel (802.11/ 5955 MHz)							
3983.47	52.69	-6.89	45.80	74.00	-28.20	PK	Vertical
3983.47	42.86	-6.89	35.97	54.00	-18.03	AV	Vertical
3985.07	52.98	-6.89	46.09	74.00	-27.91	PK	Horizontal
3985.07	42.23	-6.89	35.34	54.00	-18.66	AV	Horizontal
8924.02	53.55	-3.80	49.75	68.20	-18.45	PK	Vertical
8924.02	43.61	-3.80	39.81	54.00	-14.19	AV	Vertical
8920.72	53.96	-3.80	50.16	68.20	-18.04	PK	Horizontal
8920.72	44.40	-3.80	40.60	54.00	-13.40	AV	Horizontal
11910.09	55.71	-2.05	53.66	74.00	-20.34	PK	Vertical
11910.09	44.28	-2.05	42.23	54.00	-11.77	AV	Vertical
11910.05	55.57	-2.05	53.52	74.00	-20.48	PK	Horizontal
11910.05	44.46	-2.05	42.41	54.00	-11.59	AV	Horizontal
13293.28	54.55	-0.67	53.88	74.00	-20.12	PK	Vertical
13293.28	43.89	-0.67	43.22	54.00	-10.78	AV	Vertical
13295.30	54.40	-0.67	53.73	74.00	-20.27	PK	Horizontal
13295.30	44.15	-0.67	43.48	54.00	-10.52	AV	Horizontal
Mid Channel (802.11/ 6175 MHz)							
3984.07	52.54	-6.89	45.65	74.00	-28.35	PK	Vertical
3984.07	42.25	-6.89	35.36	54.00	-18.64	AV	Vertical
3991.06	52.79	-6.89	45.90	74.00	-28.10	PK	Horizontal
3991.06	42.18	-6.89	35.29	54.00	-18.71	AV	Horizontal
7233.65	54.04	-3.80	50.24	68.20	-17.96	PK	Vertical
7233.65	43.30	-3.80	39.50	54.00	-14.50	AV	Vertical
7231.73	53.63	-3.80	49.83	68.20	-18.37	PK	Horizontal
7231.73	43.94	-3.80	40.14	54.00	-13.86	AV	Horizontal
12350.34	55.76	-1.69	54.07	74.00	-19.93	PK	Vertical
12350.34	44.43	-1.69	42.74	54.00	-11.26	AV	Vertical
12350.07	55.63	-1.69	53.94	74.00	-20.06	PK	Horizontal
12350.07	44.79	-1.69	43.10	54.00	-10.90	AV	Horizontal
13291.23	53.90	-0.67	53.23	74.00	-20.77	PK	Vertical
13291.23	44.63	-0.67	43.96	54.00	-10.04	AV	Vertical
13280.74	54.89	-0.67	54.22	74.00	-19.78	PK	Horizontal
13280.74	44.72	-0.67	44.05	54.00	-9.95	AV	Horizontal



High Channel (802.11/ 6415 MHz)							
3987.55	52.03	-6.89	45.14	74.00	-28.86	PK	Vertical
3987.55	43.20	-6.89	36.31	54.00	-17.69	AV	Vertical
3988.80	53.10	-6.89	46.21	74.00	-27.79	PK	Horizontal
3988.80	42.77	-6.89	35.88	54.00	-18.12	AV	Horizontal
7234.96	53.01	-3.80	49.21	68.20	-18.99	PK	Vertical
7234.96	44.49	-3.80	40.69	54.00	-13.31	AV	Vertical
7227.59	53.08	-3.80	49.28	68.20	-18.92	PK	Horizontal
7227.59	43.90	-3.80	40.10	54.00	-13.90	AV	Horizontal
12830.31	56.48	-1.05	55.43	68.20	-12.77	PK	Vertical
12830.31	44.54	-1.05	43.49	54.00	-10.51	AV	Vertical
12830.21	56.42	-1.05	55.37	68.20	-12.83	PK	Horizontal
12830.21	44.61	-1.05	43.56	54.00	-10.44	AV	Horizontal
13281.97	54.34	-0.67	53.67	74.00	-20.33	PK	Vertical
13281.97	44.89	-0.67	44.22	54.00	-9.78	AV	Vertical
13289.92	53.61	-0.67	52.94	74.00	-21.06	PK	Horizontal
13289.92	43.82	-0.67	43.15	54.00	-10.85	AV	Horizontal



UNII-6(6.425-6.525) GHz							
Frequency (MHz)	Reading (dBμV)	Corrected Factor (dB)	Result (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector	Polarity
Low Channel (802.11/ 6435 MHz)							
3995.49	52.26	-6.89	45.37	74.00	-28.63	PK	Vertical
3995.49	43.42	-6.89	36.53	54.00	-17.47	AV	Vertical
3983.48	52.25	-6.89	45.36	74.00	-28.64	PK	Horizontal
3983.48	42.25	-6.89	35.36	54.00	-18.64	AV	Horizontal
8910.10	54.25	-3.80	50.45	68.20	-17.75	PK	Vertical
8910.10	43.87	-3.80	40.07	54.00	-13.93	AV	Vertical
8924.42	53.76	-3.80	49.96	68.20	-18.24	PK	Horizontal
8924.42	43.81	-3.80	40.01	54.00	-13.99	AV	Horizontal
12870.17	56.07	-1.05	55.02	68.20	-13.18	PK	Vertical
12870.17	44.76	-1.05	43.71	54.00	-10.29	AV	Vertical
12870.11	56.37	-1.05	55.32	68.20	-12.88	PK	Horizontal
12870.11	44.98	-1.05	43.93	54.00	-10.07	AV	Horizontal
13281.10	54.27	-0.67	53.60	74.00	-20.40	PK	Vertical
13281.10	44.70	-0.67	44.03	54.00	-9.97	AV	Vertical
13289.16	54.46	-0.67	53.79	74.00	-20.21	PK	Horizontal
13289.16	43.80	-0.67	43.13	54.00	-10.87	AV	Horizontal
Mid Channel (802.11/ 6475 MHz)							
3993.90	52.33	-6.89	45.44	74.00	-28.56	PK	Vertical
3993.90	42.11	-6.89	35.22	54.00	-18.78	AV	Vertical
3985.75	52.88	-6.89	45.99	74.00	-28.01	PK	Horizontal
3985.75	43.07	-6.89	36.18	54.00	-17.82	AV	Horizontal
8911.12	54.30	-3.80	50.50	68.20	-17.70	PK	Vertical
8911.12	43.25	-3.80	39.45	54.00	-14.55	AV	Vertical
8917.25	54.05	-3.80	50.25	68.20	-17.95	PK	Horizontal
8917.25	44.38	-3.80	40.58	54.00	-13.42	AV	Horizontal
12950.00	56.14	-1.05	55.09	68.20	-13.11	PK	Vertical
12950.00	44.83	-1.05	43.78	54.00	-10.22	AV	Vertical
12950.30	56.41	-1.05	55.36	68.20	-12.84	PK	Horizontal
12950.30	45.11	-1.05	44.06	54.00	-9.94	AV	Horizontal
13283.71	54.40	-0.67	53.73	74.00	-20.27	PK	Vertical
13283.71	43.93	-0.67	43.26	54.00	-10.74	AV	Vertical
13289.30	54.10	-0.67	53.43	74.00	-20.57	PK	Horizontal
13289.30	44.04	-0.67	43.37	54.00	-10.63	AV	Horizontal
High Channel (802.11/ 6515 MHz)							
3996.13	52.35	-6.89	45.46	74.00	-28.54	PK	Vertical



3996.13	42.77	-6.89	35.88	54.00	-18.12	AV	Vertical
3995.35	52.46	-6.89	45.57	74.00	-28.43	PK	Horizontal
3995.35	42.94	-6.89	36.05	54.00	-17.95	AV	Horizontal
8911.07	53.65	-3.80	49.85	68.20	-18.35	PK	Vertical
8911.07	44.33	-3.80	40.53	54.00	-13.47	AV	Vertical
8911.50	53.63	-3.80	49.83	68.20	-18.37	PK	Horizontal
8911.50	43.83	-3.80	40.03	54.00	-13.97	AV	Horizontal
1302.94	55.62	-1.05	54.57	68.20	-13.63	PK	Vertical
1302.94	45.15	-1.05	44.10	54.00	-9.90	AV	Vertical
1303.30	55.45	-1.05	54.40	68.20	-13.80	PK	Horizontal
1303.30	44.83	-1.05	43.78	54.00	-10.22	AV	Horizontal
13289.61	54.10	-0.67	53.43	74.00	-20.57	PK	Vertical
13289.61	43.62	-0.67	42.95	54.00	-11.05	AV	Vertical
13284.65	54.04	-0.67	53.37	74.00	-20.63	PK	Horizontal
13284.65	43.80	-0.67	43.13	54.00	-10.87	AV	Horizontal



UNII-7(6.525-6.875) GHz							
Frequency (MHz)	Reading (dBμV)	Orrected Factor (dB)	Reslut (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector	Polarity
Low Channel (802.11/ 6535 MHz)							
3994.32	52.22	-6.89	45.33	74.00	-28.67	PK	Vertical
3994.32	42.71	-6.89	35.82	54.00	-18.18	AV	Vertical
3991.87	52.47	-6.89	45.58	74.00	-28.42	PK	Horizontal
3991.87	42.09	-6.89	35.20	54.00	-18.80	AV	Horizontal
8917.98	54.04	-3.80	50.24	68.20	-17.96	PK	Vertical
8917.98	44.09	-3.80	40.29	54.00	-13.71	AV	Vertical
8910.78	53.30	-3.80	49.50	68.20	-18.70	PK	Horizontal
8910.78	43.23	-3.80	39.43	54.00	-14.57	AV	Horizontal
13051.18	55.12	-0.52	54.60	68.20	-13.60	PK	Vertical
13051.18	44.24	-0.52	43.72	54.00	-10.28	AV	Vertical
13067.77	55.66	-0.52	55.14	68.20	-13.06	PK	Horizontal
13067.77	44.15	-0.52	43.63	54.00	-10.37	AV	Horizontal
15252.13	54.52	5.91	60.43	68.20	-7.77	PK	Vertical
15252.13	43.99	5.91	49.90	54.00	-4.10	AV	Vertical
15245.27	53.73	5.91	59.64	68.20	-8.56	PK	Horizontal
15245.27	44.54	5.91	50.45	54.00	-3.55	AV	Horizontal
Mid Channel (802.11/ 6695 MHz)							
3980.94	52.92	-6.89	46.03	74.00	-27.97	PK	Vertical
3980.94	42.71	-6.89	35.82	54.00	-18.18	AV	Vertical
3992.38	53.31	-6.89	46.42	74.00	-27.58	PK	Horizontal
3992.38	42.82	-6.89	35.93	54.00	-18.07	AV	Horizontal
8920.20	53.10	-3.80	49.30	68.20	-18.90	PK	Vertical
8920.20	43.32	-3.80	39.52	54.00	-14.48	AV	Vertical
8907.21	54.17	-3.80	50.37	68.20	-17.83	PK	Horizontal
8907.21	44.16	-3.80	40.36	54.00	-13.64	AV	Horizontal
13375.11	55.60	-0.52	55.08	68.20	-13.12	PK	Vertical
13375.11	44.32	-0.52	43.80	54.00	-10.20	AV	Vertical
13378.69	56.14	-0.52	55.62	68.20	-12.58	PK	Horizontal
13378.69	44.77	-0.52	44.25	54.00	-9.75	AV	Horizontal
15252.65	54.32	5.91	60.23	68.20	-7.97	PK	Vertical
15252.65	44.18	5.91	50.09	54.00	-3.91	AV	Vertical
15241.95	53.70	5.91	59.61	68.20	-8.59	PK	Horizontal
15241.95	44.24	5.91	50.15	54.00	-3.85	AV	Horizontal
High Channel (802.11/ 6855 MHz)							
3992.94	52.63	-6.89	45.74	74.00	-28.26	PK	Vertical



3992.94	43.09	-6.89	36.20	54.00	-17.80	AV	Vertical
3984.05	52.02	-6.89	45.13	74.00	-28.87	PK	Horizontal
3984.05	43.17	-6.89	36.28	54.00	-17.72	AV	Horizontal
8908.37	54.06	-3.80	50.26	68.20	-17.94	PK	Vertical
8908.37	43.75	-3.80	39.95	54.00	-14.05	AV	Vertical
8925.59	53.09	-3.80	49.29	68.20	-18.91	PK	Horizontal
8925.59	43.95	-3.80	40.15	54.00	-13.85	AV	Horizontal
13690.62	56.29	-0.52	55.77	68.20	-12.43	PK	Vertical
13690.62	45.35	-0.52	44.83	54.00	-9.17	AV	Vertical
13692.91	56.13	-0.52	55.61	68.20	-12.59	PK	Horizontal
13692.91	44.17	-0.52	43.65	54.00	-10.35	AV	Horizontal
15242.70	54.20	5.91	60.11	68.20	-8.09	PK	Vertical
15242.70	44.10	5.91	50.01	54.00	-3.99	AV	Vertical
15243.20	53.69	5.91	59.60	68.20	-8.60	PK	Horizontal
15243.20	44.17	5.91	50.08	54.00	-3.92	AV	Horizontal



UNII-8(6.875-7.125) GHz							
Frequency (MHz)	Reading (dBμV)	Corrected Factor (dB)	Result (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector	Polarity
Low Channel (802.11/ 6895 MHz)							
3986.97	53.03	-6.89	46.14	74.00	-27.86	PK	Vertical
3986.97	43.36	-6.89	36.47	54.00	-17.53	AV	Vertical
3992.26	53.07	-6.89	46.18	74.00	-27.82	PK	Horizontal
3992.26	42.07	-6.89	35.18	54.00	-18.82	AV	Horizontal
8921.34	54.35	-3.80	50.55	68.20	-17.65	PK	Vertical
8921.34	43.44	-3.80	39.64	54.00	-14.36	AV	Vertical
8922.98	54.36	-3.80	50.56	68.20	-17.64	PK	Horizontal
8922.98	44.42	-3.80	40.62	54.00	-13.38	AV	Horizontal
13775.07	55.29	-0.52	54.77	68.20	-13.43	PK	Vertical
13775.07	45.31	-0.52	44.79	54.00	-9.21	AV	Vertical
13785.54	56.27	-0.52	55.75	68.20	-12.45	PK	Horizontal
13785.54	45.22	-0.52	44.70	54.00	-9.30	AV	Horizontal
15246.63	53.84	5.91	59.75	68.20	-8.45	PK	Vertical
15246.63	44.83	5.91	50.74	54.00	-3.26	AV	Vertical
15253.91	54.70	5.91	60.61	68.20	-7.59	PK	Horizontal
15253.91	43.65	5.91	49.56	54.00	-4.44	AV	Horizontal
Mid Channel (802.11/ 6995 MHz)							
3999.54	53.11	-6.89	46.22	74.00	-27.78	PK	Vertical
3999.54	42.81	-6.89	35.92	54.00	-18.08	AV	Vertical
3995.47	52.05	-6.89	45.16	74.00	-28.84	PK	Horizontal
3995.47	42.82	-6.89	35.93	54.00	-18.07	AV	Horizontal
8907.70	53.61	-3.80	49.81	68.20	-18.39	PK	Vertical
8907.70	43.30	-3.80	39.50	54.00	-14.50	AV	Vertical
8915.48	53.68	-3.80	49.88	68.20	-18.32	PK	Horizontal
8915.48	44.29	-3.80	40.49	54.00	-13.51	AV	Horizontal
13972.76	55.78	-0.52	55.26	68.20	-12.94	PK	Vertical
13972.76	45.01	-0.52	44.49	54.00	-9.51	AV	Vertical
13972.25	55.62	-0.52	55.10	68.20	-13.10	PK	Horizontal
13972.25	44.21	-0.52	43.69	54.00	-10.31	AV	Horizontal
15242.91	54.56	5.91	60.47	68.20	-7.73	PK	Vertical
15242.91	44.55	5.91	50.46	54.00	-3.54	AV	Vertical
15251.71	54.19	5.91	60.10	68.20	-8.10	PK	Horizontal
15251.71	43.80	5.91	49.71	54.00	-4.29	AV	Horizontal
High Channel (802.11/ 7115 MHz)							
3983.91	53.42	-6.89	46.53	74.00	-27.47	PK	Vertical



3983.91	42.89	-6.89	36.00	54.00	-18.00	AV	Vertical
3991.12	52.53	-6.89	45.64	74.00	-28.36	PK	Horizontal
3991.12	42.49	-6.89	35.60	54.00	-18.40	AV	Horizontal
8919.63	53.23	-3.80	49.43	68.20	-18.77	PK	Vertical
8919.63	43.33	-3.80	39.53	54.00	-14.47	AV	Vertical
8922.19	54.09	-3.80	50.29	68.20	-17.91	PK	Horizontal
8922.19	43.77	-3.80	39.97	54.00	-14.03	AV	Horizontal
14210.93	56.29	-0.52	55.77	68.20	-12.43	PK	Vertical
14210.93	44.10	-0.52	43.58	54.00	-10.42	AV	Vertical
14230.32	55.65	-0.52	55.13	68.20	-13.07	PK	Horizontal
14230.32	44.73	-0.52	44.21	54.00	-9.79	AV	Horizontal
15237.81	54.83	5.91	60.74	68.20	-7.46	PK	Vertical
15237.81	43.63	5.91	49.54	54.00	-4.46	AV	Vertical
15256.56	54.73	5.91	60.64	68.20	-7.56	PK	Horizontal
15256.56	43.60	5.91	49.51	54.00	-4.49	AV	Horizontal

Remark:

In frequency ranges 18~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.



3.2.7 TEST RESULTS(Band edge Requirements)

Note: N/A.



4. BANDWIDTH MEASUREMENT

4.1 EMISSION BANDWIDTH (EBW) 26 BANDWID PROCEDURES/LIMIT

The maximum transmitter channel bandwidth for UNII devices in the 5.925-5.7125GHz band is 320MHz.

4.2 TEST PROCEDURE

26dB Bandwidth

1. Set RBW=approximately 1% of the emission bandwidth.
2. Set the VBW $\geq$ RBW.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

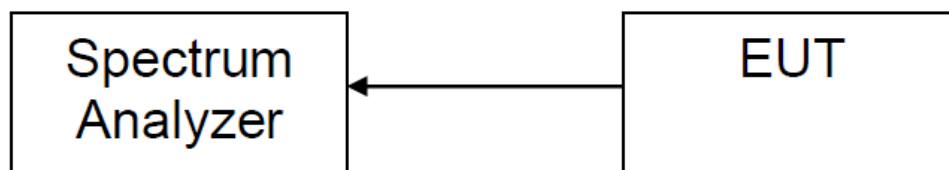
Occupied Bandwidth

- 1.Set RBW=1% to 5% of the OBW.
- 2 Set VBW $\geq$ 3RBW
- 3.Sample detection and single sweep modes shall be used
- 4.Use the 99% power bandwidth function of the instrument.

4.3 DEVIATION FROM STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

4.6 TEST RESULTS

For the measurement records, refer to the appendix I.



5. MAXIMUM CONDUCTED OUTPUT POWER

5.1 LIMIT

Frequency Band	Operating Mode	Maximum EIRP Limit
5925-7125MHz	☒ Indoor access point	30
	☐ Subordinate Device	30
	☐ Client device	24

5.2 TEST PROCEDURE

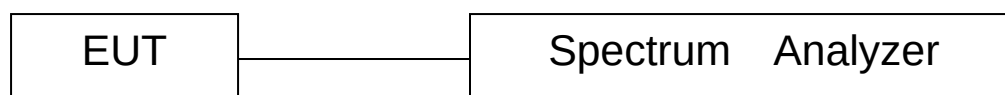
Spectrum analyzer(For channel that extends across the 6.525/ 6.825G boundary)

- 1.Set RBW=1MHz, VBW=3MHz, Sweep time=Auto, Detector=RMS.
- 2.Trace average at least 100 trace in power averaging mode.
- 3.Compute power by integrating the spectrum across the 26dB EBW
- 4.Add 10 log(1/X, X:Duty cycle if duty cycle is <98%)
- 5.EIRP=Measured conducted power+Antenna

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

5.6 TEST RESULTS

For the measurement records, refer to the appendix I.



6. PEAK POWER SPECTRAL DENSITY

6.1 LIMIT

Frequency Band	Operating Mode	Maximum EIRP Limit
5925-7125MHz	☒ Indoor access point	30
	☐ Subordinate Device	30
	☐ Client device	24

6.2 TEST PROCEDURES

Duty cycle $\geq 98\%$

1. Set RBW=1MHz/VBW=3MHz, Sweptime=auto Detector=RMS
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level
4. EIRPPSD=Measured conducted power density+Antenna gain

Duty cycle < 98%

1. Set RBW=1MHz/VBW=3MHz Detector=RMS
2. Set sweep time $\geq 10 \times (\text{number of points in sweep}) \times (\text{total on/off period of the transmitted signal})$
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level
5. Add $10\log(1/x)$ where x is the duty cycle.
6. EIRP PSD=Measured conducted power density+Antenna gain.

6.3 TEST RESULTS

For the measurement records, refer to the appendix I.



7. IN-BAND EMISSIONS

7.1 LIMIT

Power spectral density must be suppressed by 20 dB at 1MHz 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.

7.2 TEST PROCEDURES

1. Connect output of the antenna port to a spectrum analyzer
2. Set the reference level of the measuring equipment
3. Measure the 26 dB EBW
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 $\geq 3X$ RBW
 - d) Number of points in sweep $\geq [2X \text{ span}/\text{RBW}]$
 - 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
6. Using the measuring equipment limit line function develop the emissions mask based on the power spectral density (in dB) as follows following
 - a. 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)
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. 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

7.3 TEST RESULTS

For the measurement records, refer to the appendix I.



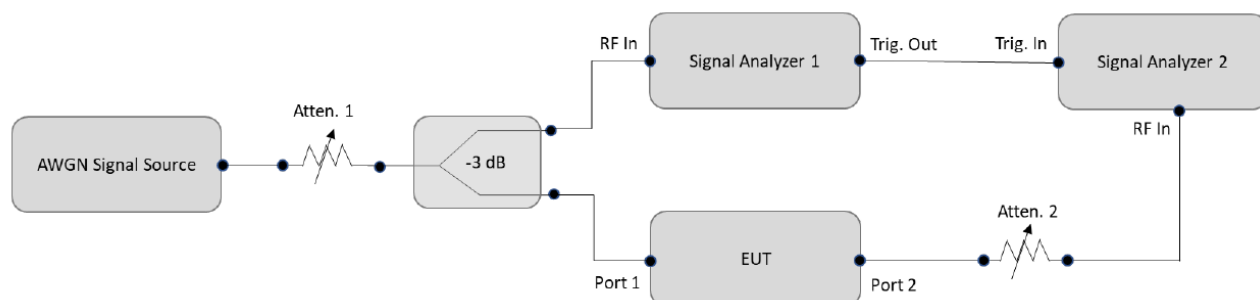
8. CONTENTION BASED PROTOCOL

8.1 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.

8.2 TEST PROCEDURES



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.

Note: Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)



8.3 TEST RESULTS

Bandwidth	Antenna	Channel	AWGN Frequency (MHz)	EUT Status	Detection Rate (%)	Injected AWGN Level (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Limit (dBm)	Verdict
BE20	Ant 1	6135	6135	OFF	100	-64.1	2.22	-66.32	-62	PASS
				Minimal	<90	-71.25	2.22	-73.47	-62	PASS
				ON	0	-84.32	2.22	-86.54	-62	PASS
BE20	Ant 1	6455	6455	OFF	100	-64.1	2.22	-66.32	-62	PASS
				Minimal	<90	-71.08	2.22	-73.3	-62	PASS
				ON	0	-83.77	2.22	-85.99	-62	PASS
BE20	Ant 1	6695	6695	OFF	100	-64.07	2.22	-66.29	-62	PASS
				Minimal	<90	-71.04	2.22	-73.26	-62	PASS
				ON	0	-83.95	2.22	-86.17	-62	PASS
BE20	Ant 1	7015	7015	OFF	100	-64.09	2.22	-66.31	-62	PASS
				Minimal	<90	-70.78	2.22	-73	-62	PASS
				ON	0	-84.13	2.22	-86.35	-62	PASS
BE320	Ant 1	6105	5950	OFF	100	-63.99	2.22	-66.21	-62	PASS
				Minimal	<90	-70.86	2.22	-73.08	-62	PASS
				ON	0	-84.02	2.22	-86.24	-62	PASS
			6105	OFF	100	-63.72 (Worst)	2.22	-65.94	-62	PASS
				Minimal	<90	-70.25	2.22	-72.97	-62	PASS
				ON	0	-84.04	2.22	-86.76	-62	PASS
			6260	OFF	100	-63.71	2.22	-66.43	-62	PASS
				Minimal	<90	-70.76	2.22	-73.48	-62	PASS
				ON	0	-83.78	2.22	-86.5	-62	PASS
BE320	Ant 1	6265	6110	OFF	100	-63.7	2.22	-66.42	-62	PASS
				Minimal	<90	-70.3	2.22	-73.02	-62	PASS
				ON	0	-83.3	2.22	-86.02	-62	PASS
			6265	OFF	100	-63.33	2.22	-66.05	-62	PASS
				Minimal	<90	-70.53	2.22	-73.25	-62	PASS
				ON	0	-83.68	2.22	-86.4	-62	PASS
			6420	OFF	100	-63.65	2.22	-66.37	-62	PASS
				Minimal	<90	-70.71	2.22	-73.43	-62	PASS
				ON	0	-83.38	2.22	-86.1	-62	PASS
BE320	Ant 1	6585	6430	OFF	100	-63.62	2.22	-66.34	-62	PASS
				Minimal	<90	-70.54	2.22	-73.26	-62	PASS



				ON	0	-83.6	2.22	-86.32	-62	PASS
			6585	OFF	100	-63.84	2.22	-66.56	-62	PASS
				Minimal	<90	-70.7	2.22	-73.42	-62	PASS
				ON	0	-83.94	2.22	-86.66	-62	PASS
			6740	OFF	100	-63.47	2.22	-66.19	-62	PASS
				Minimal	<90	-70.72	2.22	-73.44	-62	PASS
				ON	0	-83.81	2.22	-86.53	-62	PASS
BE320	Ant 1	6745	6590	OFF	100	-63.29	2.22	-66.01	-62	PASS
				Minimal	<90	-70.21	2.22	-72.93	-62	PASS
				ON	0	-83.38	2.22	-86.1	-62	PASS
			6745	OFF	100	-63.76	2.22	-66.48	-62	PASS
				Minimal	<90	-70.22	2.22	-72.94	-62	PASS
				ON	0	-83.89	2.22	-86.61	-62	PASS
			6900	OFF	100	-63.65	2.22	-66.37	-62	PASS
				Minimal	<90	-70.43	2.22	-73.15	-62	PASS
				ON	0	-83.62	2.22	-86.34	-62	PASS
BE320	Ant 1	6905	6750	OFF	100	-63.9	2.22	-66.62	-62	PASS
				Minimal	<90	-70.28	2.22	-73	-62	PASS
				ON	0	-83.58	2.22	-86.3	-62	PASS
			6905	OFF	100	-63.71	2.22	-66.43	-62	PASS
				Minimal	<90	-70.63	2.22	-73.35	-62	PASS
				ON	0	-83.82	2.22	-86.54	-62	PASS
			7060	OFF	100	-63.44	2.22	-66.16	-62	PASS
				Minimal	<90	-70.39	2.22	-73.11	-62	PASS
				ON	0	-83.64	2.22	-86.36	-62	PASS



Contention Based Protocol Result on U-NII (AWGN Interference)

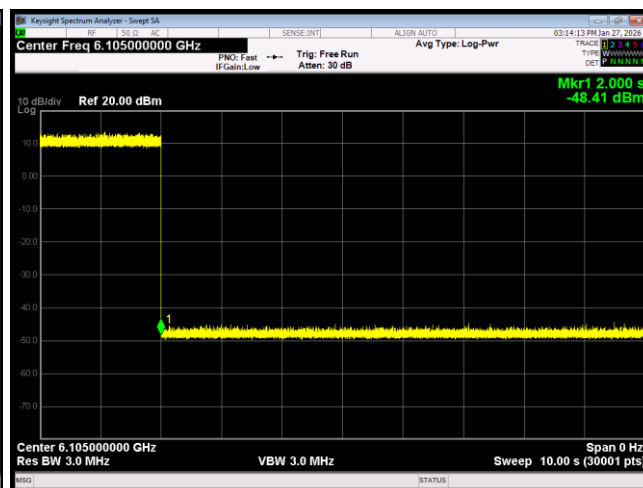
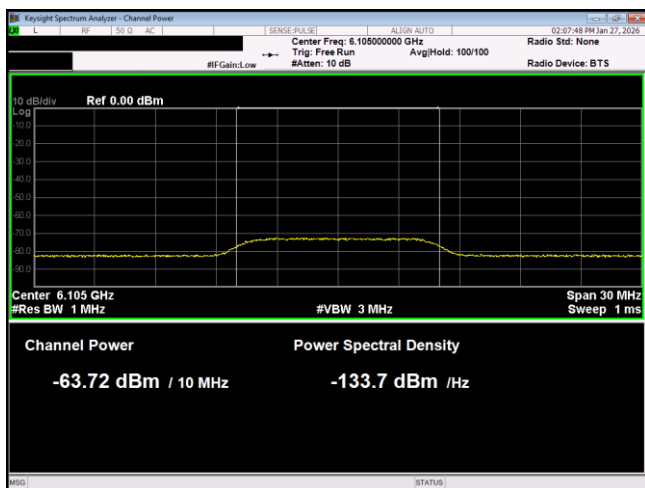
802.11 be (EHT320)6505MHzThreshold Level (TL)

802.11 be (EHT320)/6105MHz

Threshold Level (TL)

802.11 be (EHT320)/6105MHz

Test Result is pass due to no transmission occur





9. ANTENNA REQUIREMENT

9.1 STANDARD REQUIREMENT

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.

9.2 EUT ANTENNA

The EUT antenna is Dipole Antenna with RP-SMA connector. It comply with the standard requirement.



APPENDIX I - TEST RESULTS

1. DUTY CYCLE

1.1 Test Result

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	5955	SU	/	0.175	0.223	78.48	1.05	0.32
			6175	SU	/	0.175	0.224	78.13	1.07	0.52
			6415	SU	/	0.175	0.223	78.48	1.05	0.29
	802.11ax (HEW40)	SISO	5965	SU	/	0.171	0.220	77.73	1.09	0.78
			6165	SU	/	0.171	0.221	77.38	1.11	0.60
			6405	SU	/	0.171	0.220	77.73	1.09	0.54
	802.11ax (HEW80)	SISO	5985	SU	/	0.176	0.225	78.22	1.07	0.32
			6145	SU	/	0.177	0.225	78.67	1.04	0.58
			6385	SU	/	0.176	0.225	78.22	1.07	0.71
	802.11ax (HEW160)	SISO	6025	SU	/	0.177	0.225	78.67	1.04	0.37
			6185	SU	/	0.176	0.225	78.22	1.07	0.71
			6345	SU	/	0.177	0.225	78.67	1.04	0.32
	802.11ax (HEW20)	MIMO	5955	SU	/	0.175	0.223	78.48	1.05	0.38
			6175	SU	/	0.175	0.225	77.78	1.09	0.76
			6415	SU	/	0.175	0.224	78.13	1.07	0.59
	802.11ax (HEW40)	MIMO	5965	SU	/	0.177	0.226	78.32	1.06	0.66
			6165	SU	/	0.176	0.226	77.88	1.09	0.78
			6405	SU	/	0.177	0.226	78.32	1.06	0.65
	802.11ax (HEW80)	MIMO	5985	SU	/	0.176	0.225	78.22	1.07	0.63
			6145	SU	/	0.177	0.225	78.67	1.04	0.40
			6385	SU	/	0.177	0.226	78.32	1.06	0.67
	802.11ax (HEW160)	MIMO	6025	SU	/	0.175	0.224	78.13	1.07	0.48
			6185	SU	/	0.175	0.223	78.48	1.05	0.37
			6345	SU	/	0.175	0.224	78.13	1.07	0.77
	802.11be (EHT20)	SISO	5955	SU	/	0.183	0.232	78.88	1.03	0.71
			6175	SU	/	0.183	0.231	79.22	1.01	0.33
			6415	SU	/	0.182	0.232	78.45	1.05	0.64
	802.11be (EHT40)	SISO	5965	SU	/	0.179	0.228	78.51	1.05	0.61
			6165	SU	/	0.178	0.227	78.41	1.06	0.41
			6405	SU	/	0.179	0.228	78.51	1.05	0.50
	802.11be	SISO	5985	SU	/	0.184	0.233	78.97	1.03	0.37



	(EHT80)		6145	SU	/	0.185	0.233	79.40	1.00	0.50
			6385	SU	/	0.184	0.233	78.97	1.03	0.59
	802.11be (EHT160)	SISO	6025	SU	/	0.185	0.233	79.40	1.00	0.48
			6185	SU	/	0.184	0.233	78.97	1.03	0.46
			6345	SU	/	0.185	0.234	79.06	1.02	0.55
	802.11be (EHT320)	SISO	6105	SU	/	0.187	0.235	79.57	0.99	0.44
			6265	SU	/	0.187	0.236	79.24	1.01	0.51
	802.11be (EHT20)	MIMO	5955	SU	/	0.260	0.310	83.87	0.76	0.46
			6175	SU	/	0.261	0.311	83.92	0.76	0.58
			6415	SU	/	0.260	0.309	84.14	0.75	0.28
	802.11be (EHT40)	MIMO	5965	SU	/	0.264	0.314	84.08	0.75	0.68
			6165	SU	/	0.264	0.313	84.35	0.74	0.36
			6405	SU	/	0.185	0.233	79.40	1.00	0.24
	802.11be (EHT80)	MIMO	5985	SU	/	0.184	0.233	78.97	1.03	0.55
			6145	SU	/	0.184	0.233	78.97	1.03	0.39
			6385	SU	/	0.184	0.233	78.97	1.03	0.47
	802.11be (EHT160)	MIMO	6025	SU	/	0.183	0.232	78.88	1.03	0.52
			6185	SU	/	0.183	0.232	78.88	1.03	0.68
			6345	SU	/	0.183	0.232	78.88	1.03	0.65
	802.11be (EHT320)	MIMO	6105	SU	/	0.186	0.236	78.81	1.03	0.65
			6265	SU	/	0.188	0.236	79.66	0.99	0.50

1.1.2 Ant2

Ant2										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	5955	SU	/	0.175	0.224	78.13	1.07	0.39
			6175	SU	/	0.175	0.224	78.13	1.07	0.77
			6415	SU	/	0.175	0.224	78.13	1.07	0.60
	802.11ax (HEW40)	SISO	5965	SU	/	0.171	0.221	77.38	1.11	0.80
			6165	SU	/	0.171	0.219	78.08	1.07	0.38
			6405	SU	/	0.171	0.220	77.73	1.09	0.52
	802.11ax (HEW80)	SISO	5985	SU	/	0.177	0.224	79.02	1.02	0.28
			6145	SU	/	0.176	0.225	78.22	1.07	0.47
			6385	SU	/	0.177	0.225	78.67	1.04	0.62
	802.11ax (HEW160)	SISO	6025	SU	/	0.177	0.226	78.32	1.06	0.57
			6185	SU	/	0.177	0.226	78.32	1.06	0.58
			6345	SU	/	0.176	0.225	78.22	1.07	0.61
	802.11ax	MIMO	5955	SU	/	0.175	0.223	78.48	1.05	0.38



	(HEW20)		6175	SU	/	0.175	0.224	78.13	1.07	0.40
			6415	SU	/	0.175	0.224	78.13	1.07	0.53
	802.11ax (HEW40)	MIMO	5965	SU	/	0.177	0.226	78.32	1.06	0.83
			6165	SU	/	0.177	0.227	77.97	1.08	0.86
			6405	SU	/	0.176	0.226	77.88	1.09	0.56
	802.11ax (HEW80)	MIMO	5985	SU	/	0.177	0.226	78.32	1.06	0.63
			6145	SU	/	0.176	0.224	78.57	1.05	0.21
			6385	SU	/	0.177	0.225	78.67	1.04	0.36
	802.11ax (HEW160)	MIMO	6025	SU	/	0.175	0.224	78.13	1.07	0.66
			6185	SU	/	0.175	0.224	78.13	1.07	0.56
			6345	SU	/	0.175	0.223	78.48	1.05	0.30
	802.11be (EHT20)	SISO	5955	SU	/	0.183	0.232	78.88	1.03	0.64
			6175	SU	/	0.183	0.233	78.54	1.05	0.62
			6415	SU	/	0.183	0.232	78.88	1.03	0.65
	802.11be (EHT40)	SISO	5965	SU	/	0.179	0.228	78.51	1.05	0.37
			6165	SU	/	0.179	0.227	78.85	1.03	0.45
			6405	SU	/	0.179	0.228	78.51	1.05	0.42
	802.11be (EHT80)	SISO	5985	SU	/	0.185	0.233	79.40	1.00	0.35
			6145	SU	/	0.185	0.233	79.40	1.00	0.47
			6385	SU	/	0.185	0.233	79.40	1.00	0.52
	802.11be (EHT160)	SISO	6025	SU	/	0.185	0.233	79.40	1.00	0.48
			6185	SU	/	0.185	0.233	79.40	1.00	0.49
			6345	SU	/	0.184	0.232	79.31	1.01	0.24
	802.11be (EHT320)	SISO	6105	SU	/	0.187	0.237	78.90	1.03	0.80
			6265	SU	/	0.187	0.236	79.24	1.01	0.60
	802.11be (EHT20)	MIMO	5955	SU	/	0.261	0.310	84.19	0.75	0.46
			6175	SU	/	0.260	0.309	84.14	0.75	0.44
			6415	SU	/	0.261	0.310	84.19	0.75	0.41
	802.11be (EHT40)	MIMO	5965	SU	/	0.185	0.234	79.06	1.02	0.61
			6165	SU	/	0.184	0.233	78.97	1.03	0.48
			6405	SU	/	0.185	0.233	79.40	1.00	0.34
	802.11be (EHT80)	MIMO	5985	SU	/	0.185	0.232	79.74	0.98	0.28
			6145	SU	/	0.185	0.234	79.06	1.02	0.61
			6385	SU	/	0.184	0.233	78.97	1.03	0.50
	802.11be (EHT160)	MIMO	6025	SU	/	0.183	0.232	78.88	1.03	0.67
			6185	SU	/	0.183	0.233	78.54	1.05	0.59
			6345	SU	/	0.182	0.231	78.79	1.04	0.60
	802.11be (EHT320)	MIMO	6105	SU	/	0.187	0.236	79.24	1.01	0.64
			6265	SU	/	0.187	0.236	79.24	1.01	0.70



1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6435	SU	/	0.176	0.225	78.22	1.07	0.42
			6475	SU	/	0.175	0.223	78.48	1.05	0.29
			6515	SU	/	0.175	0.224	78.13	1.07	0.67
	802.11ax (HEW40)	SISO	6445	SU	/	0.171	0.221	77.38	1.11	0.66
			6485	SU	/	0.171	0.220	77.73	1.09	0.44
	802.11ax (HEW80)	SISO	6465	SU	/	0.176	0.224	78.57	1.05	0.52
	802.11ax (HEW20)	MIMO	6435	SU	/	0.175	0.224	78.13	1.07	0.56
			6475	SU	/	0.175	0.225	77.78	1.09	0.64
			6515	SU	/	0.175	0.225	77.78	1.09	0.61
	802.11ax (HEW40)	MIMO	6445	SU	/	0.177	0.225	78.67	1.04	0.36
			6485	SU	/	0.177	0.227	77.97	1.08	0.88
	802.11ax (HEW80)	MIMO	6465	SU	/	0.176	0.225	78.22	1.07	0.42
	802.11be (EHT20)	SISO	6435	SU	/	0.183	0.232	78.88	1.03	0.56
			6475	SU	/	0.183	0.233	78.54	1.05	0.58
			6515	SU	/	0.183	0.232	78.88	1.03	0.63
	802.11be (EHT40)	SISO	6445	SU	/	0.179	0.228	78.51	1.05	0.69
			6485	SU	/	0.179	0.229	78.17	1.07	0.72
	802.11be (EHT80)	SISO	6465	SU	/	0.185	0.233	79.40	1.00	0.43
	802.11be (EHT20)	MIMO	6435	SU	/	0.260	0.310	83.87	0.76	0.52
			6475	SU	/	0.260	0.310	83.87	0.76	0.50
			6515	SU	/	0.261	0.310	84.19	0.75	0.55
	802.11be (EHT40)	MIMO	6445	SU	/	0.184	0.234	78.63	1.04	0.55
			6485	SU	/	0.184	0.233	78.97	1.03	0.36
	802.11be (EHT80)	MIMO	6465	SU	/	0.185	0.233	79.40	1.00	0.25

1.1.4 Ant2

Ant2										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTN	802.11ax	SISO	6435	SU	/	0.175	0.224	78.13	1.07	0.59



	(HEW20)		6475	SU	/	0.174	0.223	78.03	1.08	0.60
			6515	SU	/	0.175	0.224	78.13	1.07	0.58
	802.11ax (HEW40)	SISO	6445	SU	/	0.170	0.219	77.63	1.10	0.31
			6485	SU	/	0.171	0.220	77.73	1.09	0.49
	802.11ax (HEW80)	SISO	6465	SU	/	0.177	0.225	78.67	1.04	0.68
	802.11ax (HEW20)	MIMO	6435	SU	/	0.175	0.224	78.13	1.07	0.42
			6475	SU	/	0.175	0.224	78.13	1.07	0.31
			6515	SU	/	0.175	0.225	77.78	1.09	0.59
	802.11ax (HEW40)	MIMO	6445	SU	/	0.177	0.226	78.32	1.06	0.75
			6485	SU	/	0.177	0.226	78.32	1.06	0.86
	802.11ax (HEW80)	MIMO	6465	SU	/	0.177	0.225	78.67	1.04	0.46
	802.11be (EHT20)	SISO	6435	SU	/	0.183	0.232	78.88	1.03	0.66
			6475	SU	/	0.183	0.232	78.88	1.03	0.62
			6515	SU	/	0.183	0.232	78.88	1.03	0.60
	802.11be (EHT40)	SISO	6445	SU	/	0.179	0.228	78.51	1.05	0.70
			6485	SU	/	0.179	0.229	78.17	1.07	0.64
	802.11be (EHT80)	SISO	6465	SU	/	0.185	0.233	79.40	1.00	0.38
	802.11be (EHT20)	MIMO	6435	SU	/	0.260	0.310	83.87	0.76	0.57
			6475	SU	/	0.261	0.309	84.47	0.73	0.44
			6515	SU	/	0.261	0.310	84.19	0.75	0.37
	802.11be (EHT40)	MIMO	6445	SU	/	0.185	0.234	79.06	1.02	0.70
			6485	SU	/	0.185	0.233	79.40	1.00	0.34
	802.11be (EHT80)	MIMO	6465	SU	/	0.184	0.232	79.31	1.01	0.21

1.1.5 Ant1

Ant1										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6535	SU	/	0.175	0.224	78.13	1.07	0.64
			6695	SU	/	0.175	0.224	78.13	1.07	0.42
			6855	SU	/	0.175	0.224	78.13	1.07	0.61
	802.11ax (HEW40)	SISO	6565	SU	/	0.171	0.220	77.73	1.09	0.67
			6685	SU	/	0.171	0.221	77.38	1.11	0.56
			6845	SU	/	0.171	0.219	78.08	1.07	0.31
	802.11ax	SISO	6625	SU	/	0.176	0.225	78.22	1.07	0.55



(HEW80)		6705	SU	/	0.176	0.224	78.57	1.05	0.33
		6785	SU	/	0.177	0.225	78.67	1.04	0.50
802.11ax (HEW160)	SISO	6665	SU	/	0.176	0.224	78.57	1.05	0.27
802.11ax (HEW20)	MIMO	6535	SU	/	0.175	0.224	78.13	1.07	0.80
		6695	SU	/	0.175	0.224	78.13	1.07	0.24
		6855	SU	/	0.175	0.223	78.48	1.05	0.34
802.11ax (HEW40)	MIMO	6565	SU	/	0.176	0.226	77.88	1.09	0.73
		6685	SU	/	0.177	0.227	77.97	1.08	0.88
		6845	SU	/	0.176	0.226	77.88	1.09	0.46
802.11ax (HEW80)	MIMO	6625	SU	/	0.176	0.225	78.22	1.07	0.53
		6705	SU	/	0.177	0.225	78.67	1.04	0.64
		6785	SU	/	0.177	0.225	78.67	1.04	0.47
802.11ax (HEW160)	MIMO	6665	SU	/	0.175	0.224	78.13	1.07	0.58
802.11be (EHT20)	SISO	6535	SU	/	0.183	0.232	78.88	1.03	0.64
		6695	SU	/	0.183	0.232	78.88	1.03	0.41
		6855	SU	/	0.183	0.232	78.88	1.03	0.41
802.11be (EHT40)	SISO	6565	SU	/	0.178	0.228	78.07	1.08	0.67
		6685	SU	/	0.179	0.228	78.51	1.05	0.64
		6845	SU	/	0.179	0.228	78.51	1.05	0.36
802.11be (EHT80)	SISO	6625	SU	/	0.185	0.233	79.40	1.00	0.59
		6705	SU	/	0.185	0.233	79.40	1.00	0.59
		6785	SU	/	0.185	0.233	79.40	1.00	0.40
802.11be (EHT160)	SISO	6665	SU	/	0.184	0.233	78.97	1.03	0.50
802.11be (EHT20)	MIMO	6535	SU	/	0.260	0.310	83.87	0.76	0.49
		6695	SU	/	0.261	0.310	84.19	0.75	0.57
		6855	SU	/	0.261	0.309	84.47	0.73	0.47
802.11be (EHT40)	MIMO	6565	SU	/	0.184	0.233	78.97	1.03	0.30
		6685	SU	/	0.185	0.234	79.06	1.02	0.50
		6845	SU	/	0.185	0.234	79.06	1.02	0.64
802.11be (EHT80)	MIMO	6625	SU	/	0.184	0.233	78.97	1.03	0.56
		6705	SU	/	0.184	0.233	78.97	1.03	0.62
		6785	SU	/	0.184	0.233	78.97	1.03	0.44
802.11be (EHT160)	MIMO	6665	SU	/	0.183	0.232	78.88	1.03	0.43



1.1.6 Ant2

Ant2										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6535	SU	/	0.175	0.225	77.78	1.09	0.74
			6695	SU	/	0.175	0.223	78.48	1.05	0.40
			6855	SU	/	0.175	0.224	78.13	1.07	0.74
	802.11ax (HEW40)	SISO	6565	SU	/	0.171	0.219	78.08	1.07	0.24
			6685	SU	/	0.171	0.220	77.73	1.09	0.59
			6845	SU	/	0.171	0.220	77.73	1.09	0.54
	802.11ax (HEW80)	SISO	6625	SU	/	0.176	0.224	78.57	1.05	0.35
			6705	SU	/	0.176	0.224	78.57	1.05	0.23
			6785	SU	/	0.176	0.225	78.22	1.07	0.62
	802.11ax (HEW160)	SISO	6665	SU	/	0.177	0.225	78.67	1.04	0.38
	802.11ax (HEW20)	MIMO	6535	SU	/	0.175	0.224	78.13	1.07	0.73
			6695	SU	/	0.175	0.224	78.13	1.07	0.64
			6855	SU	/	0.175	0.224	78.13	1.07	0.62
	802.11ax (HEW40)	MIMO	6565	SU	/	0.177	0.226	78.32	1.06	0.86
			6685	SU	/	0.177	0.226	78.32	1.06	0.67
			6845	SU	/	0.176	0.225	78.22	1.07	0.44
	802.11ax (HEW80)	MIMO	6625	SU	/	0.176	0.225	78.22	1.07	0.41
			6705	SU	/	0.177	0.225	78.67	1.04	0.60
			6785	SU	/	0.177	0.225	78.67	1.04	0.45
	802.11ax (HEW160)	MIMO	6665	SU	/	0.175	0.224	78.13	1.07	0.55
	802.11be (EHT20)	SISO	6535	SU	/	0.183	0.231	79.22	1.01	0.35
			6695	SU	/	0.183	0.231	79.22	1.01	0.36
			6855	SU	/	0.183	0.233	78.54	1.05	0.64
	802.11be (EHT40)	SISO	6565	SU	/	0.179	0.228	78.51	1.05	0.73
			6685	SU	/	0.179	0.228	78.51	1.05	0.50
			6845	SU	/	0.179	0.228	78.51	1.05	0.62
	802.11be (EHT80)	SISO	6625	SU	/	0.184	0.232	79.31	1.01	0.23
			6705	SU	/	0.185	0.233	79.40	1.00	0.50
			6785	SU	/	0.185	0.233	79.40	1.00	0.55
	802.11be (EHT160)	SISO	6665	SU	/	0.185	0.234	79.06	1.02	0.62
	802.11be	MIMO	6535	SU	/	0.261	0.309	84.47	0.73	0.47



	(EHT20)		6695	SU	/	0.260	0.309	84.14	0.75	0.35
			6855	SU	/	0.260	0.310	83.87	0.76	0.68
	802.11be (EHT40)	MIMO	6565	SU	/	0.185	0.234	79.06	1.02	0.65
			6685	SU	/	0.184	0.233	78.97	1.03	0.42
			6845	SU	/	0.185	0.234	79.06	1.02	0.63
	802.11be (EHT80)	MIMO	6625	SU	/	0.185	0.233	79.40	1.00	0.23
			6705	SU	/	0.185	0.234	79.06	1.02	0.61
			6785	SU	/	0.185	0.234	79.06	1.02	0.64
	802.11be (EHT160)	MIMO	6665	SU	/	0.183	0.232	78.88	1.03	0.48

1.1.7 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6895	SU	/	0.175	0.224	78.13	1.07	0.31
			6995	SU	/	0.175	0.223	78.48	1.05	0.49
			7115	SU	/	0.164	0.213	77.00	1.14	0.43
	802.11ax (HEW40)	SISO	6925	SU	/	0.171	0.220	77.73	1.09	0.56
			7005	SU	/	0.171	0.221	77.38	1.11	0.66
			7085	SU	/	0.170	0.219	77.63	1.10	0.46
	802.11ax (HEW80)	SISO	6945	SU	/	0.177	0.225	78.67	1.04	0.65
			7025	SU	/	0.176	0.225	78.22	1.07	0.51
	802.11ax (HEW160)	SISO	6985	SU	/	0.177	0.226	78.32	1.06	0.55
	802.11ax (HEW20)	MIMO	6895	SU	/	0.175	0.224	78.13	1.07	0.56
			6995	SU	/	0.175	0.224	78.13	1.07	0.50
			7115	SU	/	0.164	0.212	77.36	1.11	0.15
	802.11ax (HEW40)	MIMO	6925	SU	/	0.177	0.226	78.32	1.06	0.74
			7005	SU	/	0.177	0.225	78.67	1.04	0.31
			7085	SU	/	0.177	0.227	77.97	1.08	0.84
	802.11ax (HEW80)	MIMO	6945	SU	/	0.177	0.225	78.67	1.04	0.42
			7025	SU	/	0.176	0.225	78.22	1.07	0.44
	802.11ax (HEW160)	MIMO	6985	SU	/	0.175	0.223	78.48	1.05	0.52
	802.11be (EHT20)	SISO	6895	SU	/	0.183	0.231	79.22	1.01	0.41
			6995	SU	/	0.183	0.232	78.88	1.03	0.58
			7115	SU	/	0.183	0.231	79.22	1.01	0.06
	802.11be	SISO	6925	SU	/	0.179	0.228	78.51	1.05	0.62



	(EHT40)		7005	SU	/	0.179	0.228	78.51	1.05	0.50
			7085	SU	/	0.179	0.228	78.51	1.05	0.82
	802.11be (EHT80)	SISO	6945	SU	/	0.185	0.233	79.40	1.00	0.47
			7025	SU	/	0.185	0.234	79.06	1.02	0.45
	802.11be (EHT160)	SISO	6985	SU	/	0.184	0.232	79.31	1.01	0.47
	802.11be (EHT20)	MIMO	6895	SU	/	0.260	0.310	83.87	0.76	0.63
			6995	SU	/	0.261	0.310	84.19	0.75	0.47
			7115	SU	/	0.183	0.231	79.22	1.01	0.09
	802.11be (EHT40)	MIMO	6925	SU	/	0.185	0.235	78.72	1.04	0.78
			7005	SU	/	0.184	0.233	78.97	1.03	0.35
			7085	SU	/	0.184	0.234	78.63	1.04	0.54
	802.11be (EHT80)	MIMO	6945	SU	/	0.185	0.234	79.06	1.02	0.64
			7025	SU	/	0.185	0.233	79.40	1.00	0.46
	802.11be (EHT160)	MIMO	6985	SU	/	0.183	0.232	78.88	1.03	0.61

1.1.8 Ant2

Ant2										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6895	SU	/	0.175	0.224	78.13	1.07	0.84
			6995	SU	/	0.175	0.224	78.13	1.07	0.53
			7115	SU	/	0.164	0.213	77.00	1.14	0.40
	802.11ax (HEW40)	SISO	6925	SU	/	0.171	0.220	77.73	1.09	0.43
			7005	SU	/	0.171	0.221	77.38	1.11	0.54
			7085	SU	/	0.171	0.219	78.08	1.07	0.46
	802.11ax (HEW80)	SISO	6945	SU	/	0.177	0.225	78.67	1.04	0.47
			7025	SU	/	0.177	0.225	78.67	1.04	0.53
	802.11ax (HEW160)	SISO	6985	SU	/	0.177	0.225	78.67	1.04	0.36
	802.11ax (HEW20)	MIMO	6895	SU	/	0.175	0.225	77.78	1.09	0.61
			6995	SU	/	0.175	0.224	78.13	1.07	0.40
			7115	SU	/	0.165	0.212	77.83	1.09	0.07
	802.11ax (HEW40)	MIMO	6925	SU	/	0.177	0.226	78.32	1.06	0.79
			7005	SU	/	0.177	0.225	78.67	1.04	0.29
			7085	SU	/	0.177	0.226	78.32	1.06	0.73
	802.11ax (HEW80)	MIMO	6945	SU	/	0.176	0.225	78.22	1.07	0.44
			7025	SU	/	0.177	0.225	78.67	1.04	0.47



	802.11ax (HEW160)	MIMO	6985	SU	/	0.175	0.224	78.13	1.07	0.59
	802.11be (EHT20)	SISO	6895	SU	/	0.183	0.232	78.88	1.03	0.36
			6995	SU	/	0.183	0.231	79.22	1.01	0.41
			7115	SU	/	0.183	0.231	79.22	1.01	0.12
	802.11be (EHT40)	SISO	6925	SU	/	0.179	0.229	78.17	1.07	0.73
			7005	SU	/	0.179	0.229	78.17	1.07	0.59
			7085	SU	/	0.179	0.228	78.51	1.05	0.19
	802.11be (EHT80)	SISO	6945	SU	/	0.184	0.232	79.31	1.01	0.53
			7025	SU	/	0.185	0.233	79.40	1.00	0.39
	802.11be (EHT160)	SISO	6985	SU	/	0.184	0.233	78.97	1.03	0.57
	802.11be (EHT20)	MIMO	6895	SU	/	0.260	0.310	83.87	0.76	0.58
			6995	SU	/	0.261	0.309	84.47	0.73	0.35
			7115	SU	/	0.183	0.231	79.22	1.01	0.08
	802.11be (EHT40)	MIMO	6925	SU	/	0.185	0.234	79.06	1.02	0.68
			7005	SU	/	0.185	0.234	79.06	1.02	0.58
			7085	SU	/	0.185	0.234	79.06	1.02	0.69
	802.11be (EHT80)	MIMO	6945	SU	/	0.184	0.233	78.97	1.03	0.68
			7025	SU	/	0.185	0.234	79.06	1.02	0.62
	802.11be (EHT160)	MIMO	6985	SU	/	0.183	0.232	78.88	1.03	0.55

1.1.9 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6875	SU	/	0.175	0.224	78.13	1.07	0.58
	802.11ax (HEW40)	SISO	6885	SU	/	0.171	0.219	78.08	1.07	0.38
	802.11ax (HEW80)	SISO	6865	SU	/	0.177	0.226	78.32	1.06	0.66
	802.11ax (HEW160)	SISO	6825	SU	/	0.176	0.225	78.22	1.07	0.58
	802.11ax (HEW20)	MIMO	6875	SU	/	0.175	0.224	78.13	1.07	0.69
	802.11ax (HEW40)	MIMO	6885	SU	/	0.176	0.225	78.22	1.07	0.35



	802.11ax (HEW80)	MIMO	6865	SU	/	0.177	0.225	78.67	1.04	0.44
	802.11ax (HEW160)	MIMO	6825	SU	/	0.183	0.233	78.54	1.05	0.68
	802.11be (EHT20)	SISO	6875	SU	/	0.183	0.232	78.88	1.03	0.41
	802.11be (EHT40)	SISO	6885	SU	/	0.179	0.228	78.51	1.05	0.67
	802.11be (EHT80)	SISO	6865	SU	/	0.184	0.232	79.31	1.01	0.49
	802.11be (EHT160)	SISO	6825	SU	/	0.185	0.233	79.40	1.00	0.63
	802.11be (EHT320)	SISO	6745	SU	/	0.187	0.236	79.24	1.01	0.64
			6905	SU	/	0.187	0.236	79.24	1.01	0.58
	802.11be (EHT20)	MIMO	6875	SU	/	0.260	0.309	84.14	0.75	0.33
	802.11be (EHT40)	MIMO	6885	SU	/	0.185	0.234	79.06	1.02	0.66
	802.11be (EHT80)	MIMO	6865	SU	/	0.184	0.233	78.97	1.03	0.40
	802.11be (EHT160)	MIMO	6825	SU	/	0.183	0.232	78.88	1.03	0.64
	802.11be (EHT320)	MIMO	6745	SU	/	0.187	0.236	79.24	1.01	0.64
			6905	SU	/	0.187	0.235	79.57	0.99	0.24

1.1.10 Ant2

Ant2										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	SISO	6875	SU	/	0.175	0.224	78.13	1.07	0.57
	802.11ax (HEW40)	SISO	6885	SU	/	0.171	0.220	77.73	1.09	0.40
	802.11ax (HEW80)	SISO	6865	SU	/	0.176	0.224	78.57	1.05	0.49
	802.11ax (HEW160)	SISO	6825	SU	/	0.184	0.233	78.97	1.03	0.63
	802.11ax (HEW20)	MIMO	6875	SU	/	0.175	0.224	78.13	1.07	0.22



	802.11ax (HEW40)	MIMO	6885	SU	/	0.177	0.226	78.32	1.06	0.73
	802.11ax (HEW80)	MIMO	6865	SU	/	0.176	0.225	78.22	1.07	0.66
	802.11ax (HEW160)	MIMO	6825	SU	/	0.183	0.231	79.22	1.01	0.59
	802.11be (EHT20)	SISO	6875	SU	/	0.183	0.232	78.88	1.03	0.54
	802.11be (EHT40)	SISO	6885	SU	/	0.179	0.227	78.85	1.03	0.28
	802.11be (EHT80)	SISO	6865	SU	/	0.184	0.233	78.97	1.03	0.60
	802.11be (EHT160)	SISO	6825	SU	/	0.184	0.233	78.97	1.03	0.65
	802.11be (EHT320)	SISO	6745	SU	/	0.187	0.236	79.24	1.01	0.60
			6905	SU	/	0.187	0.235	79.57	0.99	0.36
	802.11be (EHT20)	MIMO	6875	SU	/	0.260	0.310	83.87	0.76	0.51
	802.11be (EHT40)	MIMO	6885	SU	/	0.185	0.234	79.06	1.02	0.64
	802.11be (EHT80)	MIMO	6865	SU	/	0.185	0.234	79.06	1.02	0.64
	802.11be (EHT160)	MIMO	6825	SU	/	0.182	0.232	78.45	1.05	0.73
	802.11be (EHT320)	MIMO	6745	SU	/	0.187	0.236	79.24	1.01	0.51
			6905	SU	/	0.186	0.235	79.15	1.02	0.50

1.1.11 Ant1

Ant1										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW40)	SISO	6525	SU	/	0.172	0.221	77.83	1.09	0.53
	802.11ax (HEW80)	SISO	6545	SU	/	0.176	0.225	78.22	1.07	0.53
	802.11ax (HEW160)	SISO	6505	SU	/	0.176	0.225	78.22	1.07	0.52
	802.11ax (HEW40)	MIMO	6525	SU	/	0.177	0.226	78.32	1.06	0.88



	802.11ax (HEW80)	MIMO	6545	SU	/	0.176	0.225	78.22	1.07	0.63
	802.11ax (HEW160)	MIMO	6505	SU	/	0.175	0.224	78.13	1.07	0.57
	802.11be (EHT40)	SISO	6525	SU	/	0.179	0.228	78.51	1.05	0.61
	802.11be (EHT80)	SISO	6545	SU	/	0.185	0.234	79.06	1.02	0.82
	802.11be (EHT160)	SISO	6505	SU	/	0.184	0.233	78.97	1.03	0.61
	802.11be (EHT320)	SISO	6585	SU	/	0.187	0.236	79.24	1.01	0.31
	802.11be (EHT40)	MIMO	6525	SU	/	0.185	0.234	79.06	1.02	0.63
	802.11be (EHT80)	MIMO	6545	SU	/	0.184	0.233	78.97	1.03	0.60
	802.11be (EHT160)	MIMO	6505	SU	/	0.182	0.232	78.45	1.05	0.65
	802.11be (EHT320)	MIMO	6585	SU	/	0.187	0.236	79.24	1.01	0.55

1.1.12 Ant2

Ant2										
ENV	Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW40)	SISO	6525	SU	/	0.171	0.219	78.08	1.07	0.36
	802.11ax (HEW80)	SISO	6545	SU	/	0.176	0.224	78.57	1.05	0.44
	802.11ax (HEW160)	SISO	6505	SU	/	0.177	0.226	78.32	1.06	0.72
	802.11ax (HEW40)	MIMO	6525	SU	/	0.176	0.226	77.88	1.09	0.86
	802.11ax (HEW80)	MIMO	6545	SU	/	0.177	0.224	79.02	1.02	0.28
	802.11ax (HEW160)	MIMO	6505	SU	/	0.174	0.223	78.03	1.08	0.65
	802.11be (EHT40)	SISO	6525	SU	/	0.179	0.228	78.51	1.05	0.76



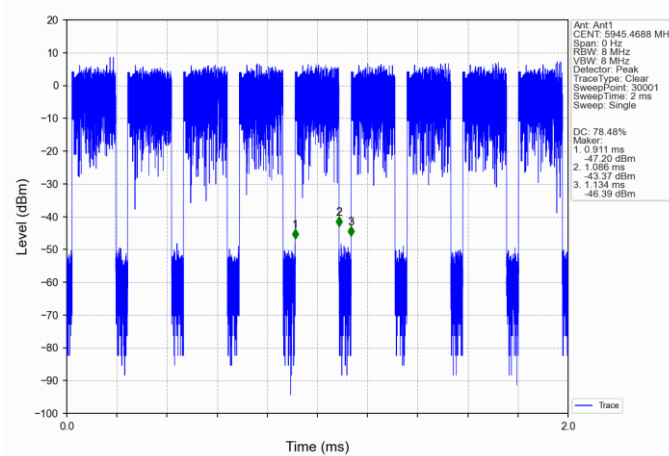
	802.11be (EHT80)	SISO	6545	SU	/	0.185	0.233	79.40	1.00	0.45
	802.11be (EHT160)	SISO	6505	SU	/	0.184	0.233	78.97	1.03	0.49
	802.11be (EHT320)	SISO	6585	SU	/	0.187	0.236	79.24	1.01	0.74
	802.11be (EHT40)	MIMO	6525	SU	/	0.184	0.234	78.63	1.04	0.72
	802.11be (EHT80)	MIMO	6545	SU	/	0.184	0.232	79.31	1.01	0.30
	802.11be (EHT160)	MIMO	6505	SU	/	0.183	0.232	78.88	1.03	0.67
	802.11be (EHT320)	MIMO	6585	SU	/	0.187	0.236	79.24	1.01	0.57



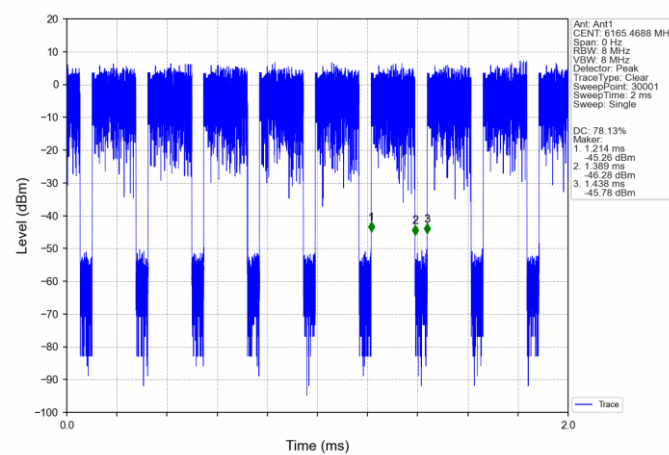
1.2 Test Graph

1.2.1 Ant1

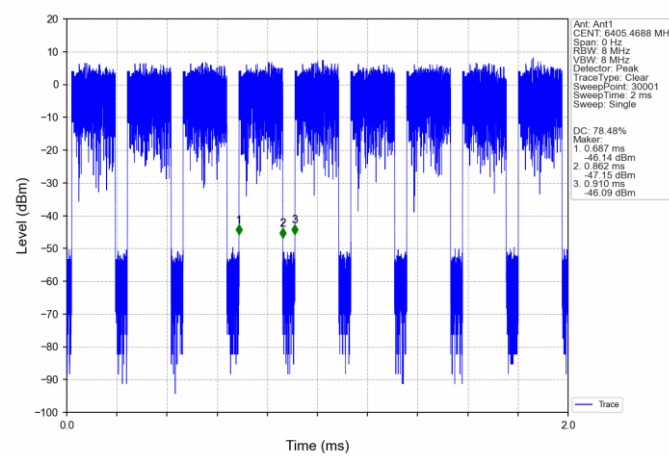
802.11ax(HEW20)_LCH_5955MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_MCH_6175MHz_SU_ / Ant1_NTNV

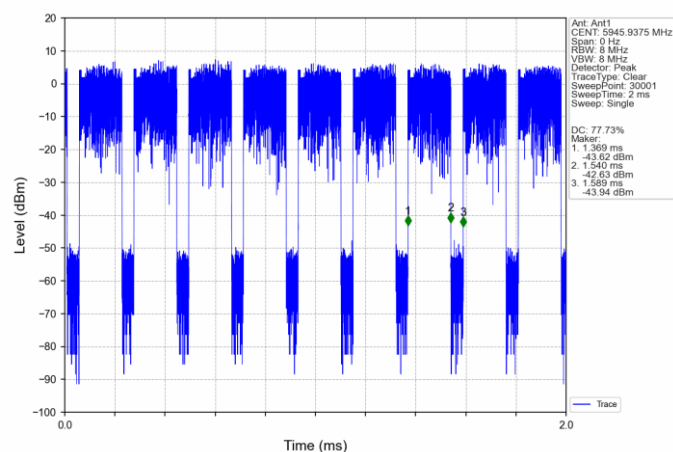


802.11ax(HEW20)_HCH_6415MHz_SU_ / Ant1_NTNV

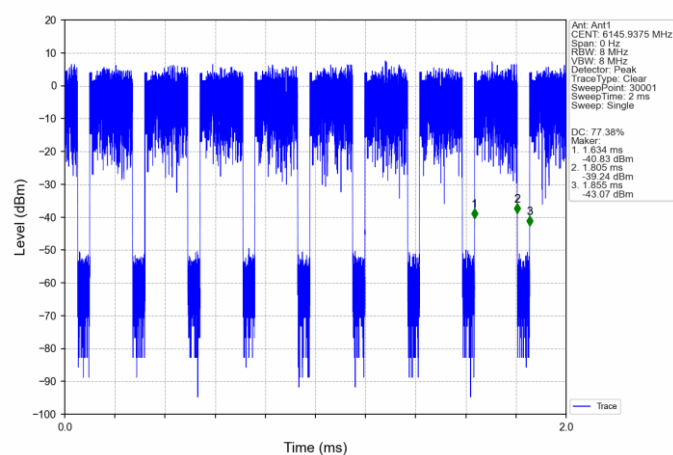




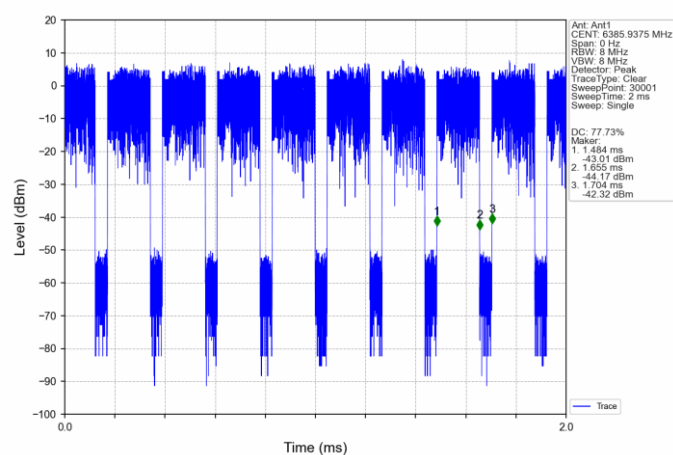
802.11ax(HEW40)_LCH_5965MHz_SU_ / Ant1_NTNV



802.11ax(HEW40)_MCH_6165MHz_SU_ / Ant1_NTNV

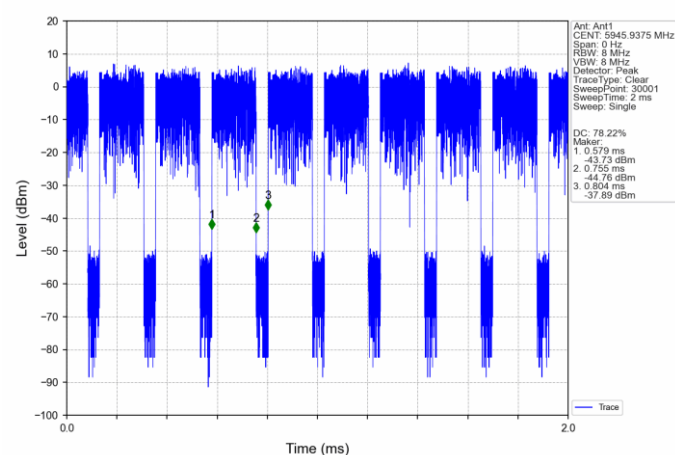


802.11ax(HEW40)_HCH_6405MHz_SU_ / Ant1_NTNV

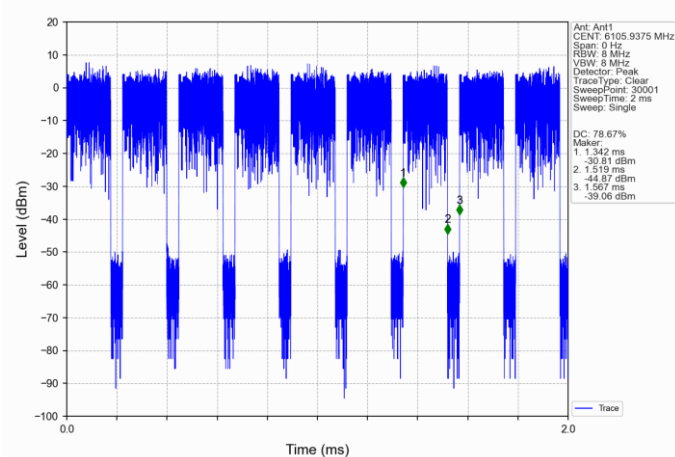




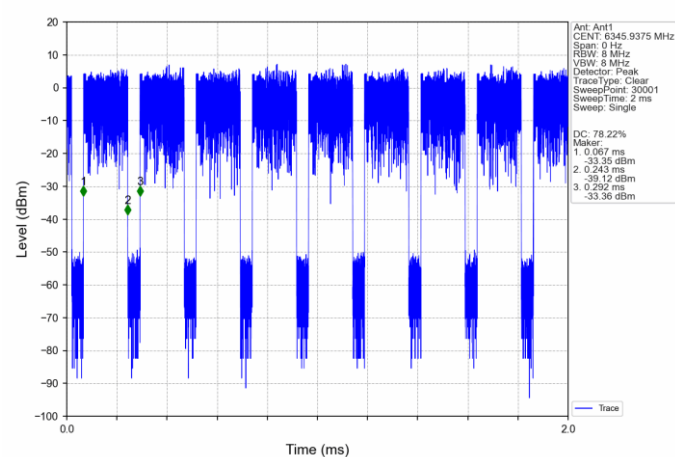
802.11ax(HEW80)_LCH_5985MHz_SU_ / Ant1_NTNV



802.11ax(HEW80)_MCH_6145MHz_SU_ / Ant1_NTNV

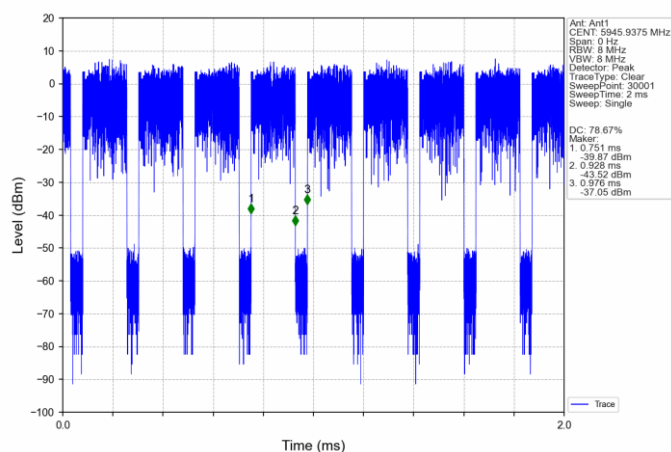


802.11ax(HEW80)_HCH_6385MHz_SU_ / Ant1_NTNV

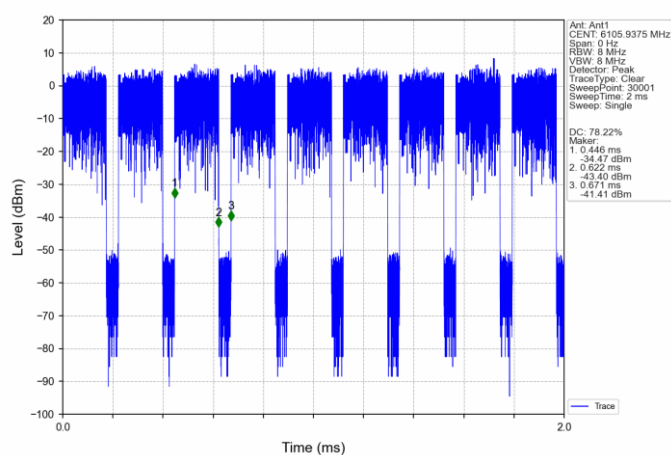




802.11ax(HEW160)_LCH_6025MHz_SU_/_Ant1_NTNV



802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant1_NTNV



802.11ax(HEW160)_HCH_6345MHz_SU_/_Ant1_NTNV

