FCC TEST REPORT

FCC ID: 2BM3A-Z875

Report No.	:	SSP25040004-4E
Applicant	:	Shenzhen SED Initta Technology Co., Ltd.
Product Name	:	Point of Sale
Model Name	:	Z875
Test Standard	:	FCC Part 15 Subpart E
Date of Issue	:	2025-06-04

Shenzhen CCUT Quality Technology Co., Ltd.
1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China; (Tel.:+86-755-23406590 website: www.ccuttest.com)

This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen CCUT Quality Technology Co., Ltd.

Test Report Basic Information

Applicant.....:	Shenzhen SED Initta Technology Co., Ltd.
Address of Applicant.....:	401, SED Technology Building, No.1 Science and Technology Road, Science and Technology Park Community, Yuehai Street, Nanshan District, Shenzhen
Manufacturer.....:	Shenzhen SED Initta Technology Co., Ltd.
Address of Manufacturer.....:	401, SED Technology Building, No.1 Science and Technology Road, Science and Technology Park Community, Yuehai Street, Nanshan District, Shenzhen
Product Name.....:	Point of Sale
Brand Name.....:	N/A
Main Model.....:	Z875
Series Models.....:	See section 1.1(page 5)
Test Standard.....:	FCC Part 15 Subpart E KDB 789033 D02 v02r01 ANSI C63.4-2014 ANSI C63.10-2013
Date of Test .....:	2025.03.28-2025.06.04
Test Result.....:	PASS
Tested By .....:	Lorzix Luo (Lorzix Luo)
Reviewed By.....:	Lieber Ouyang (Lieber Ouyang)
Authorized Signatory.....:	Lahm Peng (Lahm Peng)

Shenzhen CCUT Quality Technology Co., Ltd. APPROVED

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Revision History

Revision	Issue Date	Description	Revised By
V1.0	2025.06.04	Initial Release	Lahm Peng

1. General Information

1.1 Product Information

Product Name:	Point of Sale
Trade Name:	N/A
Main Model:	Z875
Series Models:	Z870, Z876, Z877, Z878, Z879, Z885, Z880, Z886, Z887, Z888, Z889, Z895, Z890, Z896, Z897, Z898, Z899, Z845, Z840, Z846, Z847, Z848, Z849, Z855, Z850, Z856, Z857, Z858, Z859, Z865, Z860, Z866, Z867, Z868, Z869, Z815, Z810, Z816, Z817, Z818, Z819, Z825, Z820, Z826, Z827, Z828, Z829, Z835, Z830, Z836, Z837, Z838, Z839, Z675, Z670, Z676, Z677, Z678, Z679, Z685, Z680, Z686, Z687, Z688, Z689, Z645, Z640, Z646, Z647, Z648, Z649, Z800, Z600, Z695, Z655, Z635, Z625, Apollo
Rated Voltage:	DC 24V from adapter
Power Adapter:	Adapter Model: SOY-2400250-327, Input: AC 100-240V/50-60Hz 1.7A, Output: DC 24V/2.5A Adapter Model: SOY-2400400-410-B, Input: AC 100-240V/50-60Hz 2.5A, Output: DC 24V/4A
Battery:	N/A
Hardware Version:	N/A
Software Version:	N/A
Note 1: The test data is gathered from a production sample, provided by the manufacturer. Note 2: The color of appearance and model name of series models listed are different from the main model, but the circuit and the electronic construction are the same, declared by the manufacturer.	

Wireless Specification	
Wireless Standard:	802.11a(HT20) 802.11n(HT20/HT40) 802.11ac(VHT20/VHT40/VHT80)
Operating Frequency:	802.11a/n/ac(HT/VHT20): U-NII Band 1: 5180MHz to 5240MHz U-NII Band 4: 5745MHz to 5825MHz 802.11n/ac(HT/VHT40): U-NII Band 1: 5190MHz to 5230MHz U-NII Band 4: 5755MHz to 5795MHz 802.11ac(HT/VHT80): U-NII Band 1: 5210MHz U-NII Band 4: 5775MHz
Number of Channel:	802.11a/n/ac(HT/VHT20): 4 for Band 1, 5 for Band 4 802.11n/ac(HT/VHT40): 2 for Band 1, 2 for Band 4 802.11ac(VHT80): 1 for Band 1, 1 for Band 4
Modulation:	OFDM(BPSK, QPSK, BPSK, 16QAM, 64QAM, 256QAM)

Antenna Gain:	U-NII Band 1	ANT1:1.6dBi
		ANT2:1.6dBi
	U-NII Band 4	ANT1:1.6dBi
		ANT2:1.6dBi
MIMO Antenna Gain:	U-NII Band 1：4.61dBi	
	U-NII Band 4：4.61dBi	
Type of Antenna:	Integral Antenna	
Type of Device:	☐ Portable Device ☒ Mobile Device ☐ Modular Device	

Channel List for UNII Band 1 (5150-5250MHz)							
802.11a/n/ac(20MHz)				802.11n/ac(40MHz)		802.11ac(80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220	38	5190	42	5210
40	5200	48	5240	46	5230	--	--

Channel List for UNII Band 4 (5725-5850MHz)							
802.11a/n/ac(20MHz)		802.11n/ac(40MHz)		802.11ac(80MHz)		(160MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775	--	--
153	5765	159	5795	--	--	--	--
157	5785	--	--	--	--	--	--
161	5805	--	--	--	--	--	--
165	5825	--	--	--	--	--	--

1.2 Test Setup Information

List of Test Modes		
Test Mode	Description	Remark
TM1	UNII Band 1_802.11a(HT20)	5180MHz/5200MHz/5240MHz
TM2	UNII Band 1_802.11n(HT20)	5180MHz/5200MHz/5240MHz
TM3	UNII Band 1_802.11n(HT40)	5190MHz/5230MHz
TM4	UNII Band 1_802.11ac(VHT20)	5180MHz/5200MHz/5240MHz
TM5	UNII Band 1_802.11ac(VHT40)	5190MHz/5230MHz
TM6	UNII Band 1_802.11ac(VHT80)	5210MHz
TM7	UNII Band 4_802.11a(HT20)	5745MHz/5785MHz/5825MHz
TM8	UNII Band 4_802.11n(HT20)	5745MHz/5785MHz/5825MHz
TM9	UNII Band 4_802.11n(HT40)	5755MHz/5795MHz
TM10	UNII Band 4_802.11ac(VHT20)	5745MHz/5785MHz/5825MHz
TM11	UNII Band 4_802.11ac(VHT40)	5755MHz/5795MHz
TM12	UNII Band 4_802.11ac(VHT80)	5775MHz

List and Details of Auxiliary Cable			
Description	Length (cm)	Shielded/Unshielded	With/Without Ferrite
-	-	-	-
-	-	-	-

List and Details of Auxiliary Equipment			
Description	Manufacturer	Model	Serial Number
Adapter	Shenzhen SOY Technology co., Ltd	SOY-2400250-327	-
Adapter	Shenzhen SOY Technology co., Ltd	SOY-2400400-410-B	-

1.3 Compliance Standards

Compliance Standards	
FCC Part 15 Subpart E	FEDERAL COMMUNICATIONS COMMISSION, RADIO FREQUENCY DEVICES, Unlicensed National Information Infrastructure Devices
All measurements contained in this report were conducted with all above standards	
According to standards for test methodology	
FCC Part 15 Subpart E	FEDERAL COMMUNICATIONS COMMISSION, RADIO FREQUENCY DEVICES, Unlicensed National Information Infrastructure Devices
KDB 789033 D02 v02r01	GUIDELINES FOR COMPLIANCE TESTING OF UNLICENSED NATIONAL INFORMATION INFRASTRUCTURE (U-NII) DEVICES PART 15, SUBPART E
ANSI C63.4-2014	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.
ANSI C63.10-2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
Maintenance of compliance is the responsibility of the manufacturer or applicant. Any modification of the product, which result is lowering the emission, should be checked to ensure compliance has been maintained.	

1.4 Test Facilities

Laboratory Name:	**Shenzhen CCUT Quality Technology Co., Ltd.** 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China
CNAS Laboratory No.:	L18863
A2LA Certificate No.:	6893.01
FCC Registration No:	583813
ISED Registration No.:	CN0164
All measurement facilities used to collect the measurement data are located at 1F, Building 35, Changxing Technology Industrial Park, Yutang Street, Guangming District, Shenzhen, Guangdong, China.	

1.5 List of Measurement Instruments

Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Conducted Emissions					
AMN	ROHDE&SCHWARZ	ENV216	101097	2024-08-07	2025-08-06
EMI Test Receiver	ROHDE&SCHWARZ	ESPI	100242	2024-08-07	2025-08-06
Test Cable	N/A	Cable 5	N/A	2024-08-07	2025-08-06
EMI Test Software	FARA	EZ-EMC	EMEC-3A1+	N/A	N/A
Radiated Emissions					
EMI Test Receiver	ROHDE&SCHWARZ	ESPI	100154	2024-08-07	2025-08-06
Spectrum Analyzer	KEYSIGHT	N9020A	MY48030972	2024-08-07	2025-08-06
Spectrum Analyzer	ROHDE&SCHWARZ	FSV40-N	101692	2024-08-07	2025-08-06
Amplifier	SCHWARZBECK	BBV 9743B	00251	2024-08-07	2025-08-06
Amplifier	HUABO	YXL0518-2.5-45	--	2024-08-07	2025-08-06
Amplifier	COM-MW	DLAN-18G-4G-02	10229104	2024-08-07	2025-08-06
Loop Antenna	DAZE	ZN30900C	21104	2024-08-03	2025-08-02
Broadband Antenna	SCHWARZBECK	VULB 9168	01320	2024-08-03	2025-08-02
Horn Antenna	SCHWARZBECK	BBHA 9120D	02553	2024-08-03	2025-08-02
Horn Antenna	COM-MW	ZLB7-18-40G-950	12221225	2024-08-03	2025-08-02
Attenuator	QUANJUDA	6dB	220731	2024-08-07	2025-08-06
Test Cable	N/A	Cable 1	N/A	2024-08-07	2025-08-06
Test Cable	N/A	Cable 2	N/A	2024-08-07	2025-08-06
Test Cable	N/A	Cable 3	N/A	2024-08-07	2025-08-06
Test Cable	N/A	Cable 4	N/A	2024-08-07	2025-08-06
Test Cable	N/A	Cable 8	N/A	2024-08-07	2025-08-06
Test Cable	N/A	Cable 9	N/A	2024-08-07	2025-08-06
EMI Test Software	FARA	EZ-EMC	FA-03A2 RE+	N/A	N/A
Conducted RF Testing					
RF Test System	MWRFTest	MW100-RFCB	220418SQS-37	2024-08-07	2025-08-06
Spectrum Analyzer	KEYSIGHT	N9020A	ATO-90521	2024-08-07	2025-08-06
RF Test Software	MWRFTest	MTS 8310	N/A	N/A	N/A

1.6 Measurement Uncertainty

Test Item	Conditions	Uncertainty
Conducted Emissions	9kHz ~ 30MHz	±1.64 dB
Radiated Emissions	9kHz ~ 30MHz	±2.88 dB
	30MHz ~ 1GHz	±3.32 dB
	1GHz ~ 18GHz	±3.50 dB
	18GHz ~ 40GHz	±3.66 dB
Conducted Output Power	9kHz ~ 26GHz	±0.50 dB
Occupied Bandwidth	9kHz ~ 26GHz	±4.0 %
Conducted Spurious Emission	9kHz ~ 26GHz	±1.32 dB
Power Spectrum Density	9kHz ~ 26GHz	±0.62 dB

2. Summary of Test Results

FCC Rule	Description of Test Item	Result
FCC Part 15.203	Antenna Requirement	Passed
FCC Part 15.247(f)	RF Exposure(see the RF exposure report)	Passed
FCC Part 15.207, 15.407(b)(9)	Conducted Emissions	Passed
FCC Part 15.209, 15.407(b)(9), (10)	Radiated Emissions	Passed
FCC Part 15.407(b)(10)	Band-edge Emissions(Radiated)	Passed
FCC Part 15.407(a)(1), (2), (3)	Maximum Peak Conducted Output Power	Passed
FCC Part 15.407(a)(2), (e)	Occupied Bandwidth	Passed
FCC Part 15.407(a)(1), (2), (3)	Maximum Power Spectral Density	Passed
FCC Part 15.407 (g)	Frequency Stability	Passed
FCC Part 15.407 (h)	Transmit Power Control (TPC)	N/A
FCC Part 15.407 (h)	Dynamic Frequency Selection (DFS)	N/A
Passed: The EUT complies with the essential requirements in the standard Failed: The EUT does not comply with the essential requirements in the standard N/A: Not applicable		

3. Antenna Requirement

3.1 Standard and Limit

According to FCC Part 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.2 Test Result

This product has two integrated antennas. The maximum gain of the ANT1 antenna is 1.6dBi, and that of the ANT2 antenna is also 1.6dBi, meeting the requirements of this section.

4. Conducted Emissions

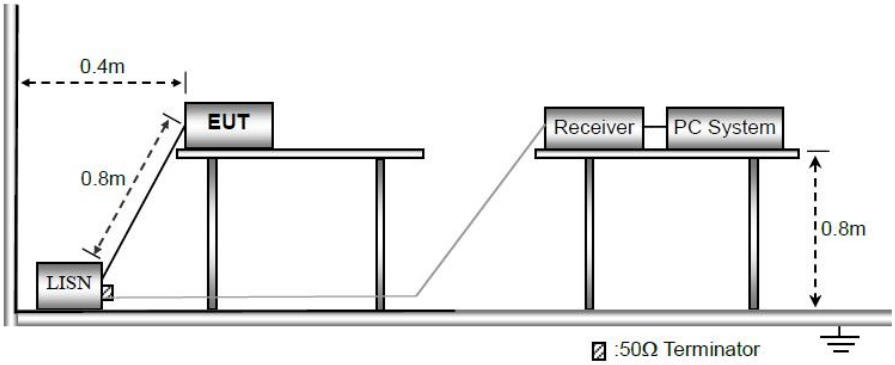
4.1 Standard and Limit

According to the rule FCC Part 15.207, Conducted emissions limit, the limit for a wireless device as below:

Frequency of Emission (MHz)	Conducted emissions (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50
Note 1: Decreases with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz Note 2: The lower limit applies at the band edges		

4.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.2.



Test Setup Block Diagram

a) 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.

b) The following is the setting of the receiver
Attenuation: 10dB
Start Frequency: 0.15MHz
Stop Frequency: 30MHz
IF Bandwidth: 9kHz

c) The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

d) 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.
e) 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.

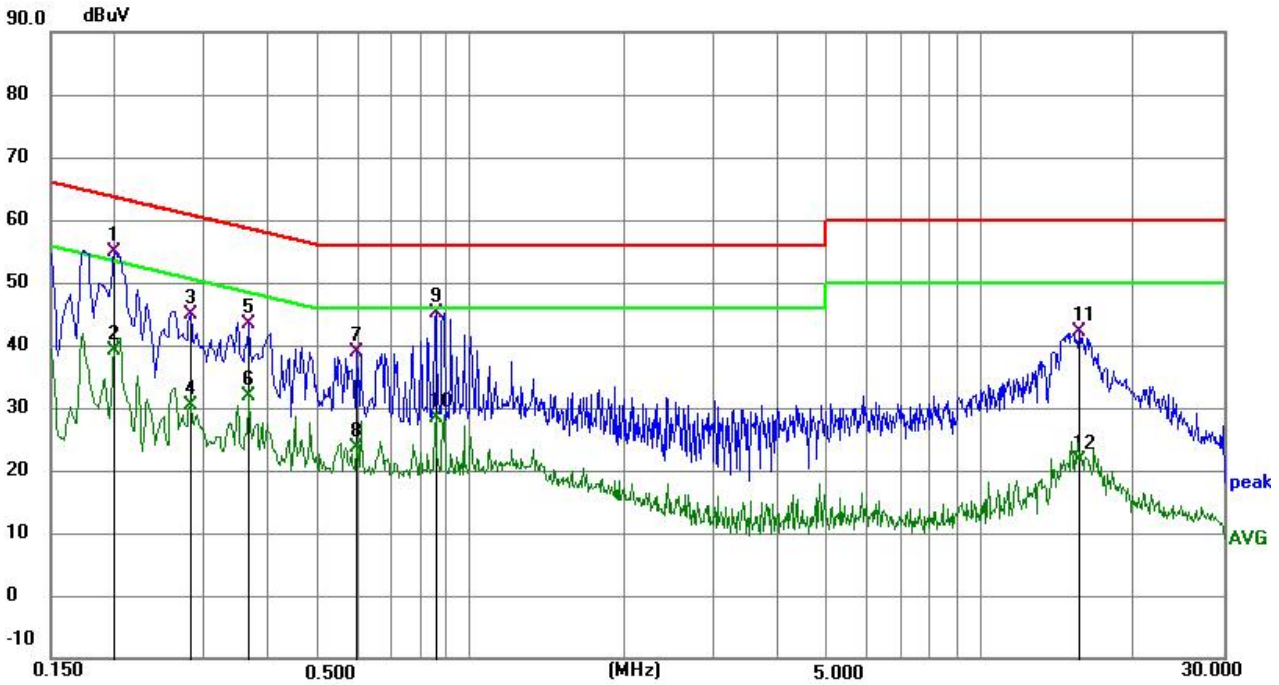
f) LISN is at least 80 cm from nearest part of EUT chassis.

g) For the actual test configuration, please refer to the related Item - photographs of the test setup.

4.3 Test Data and Results

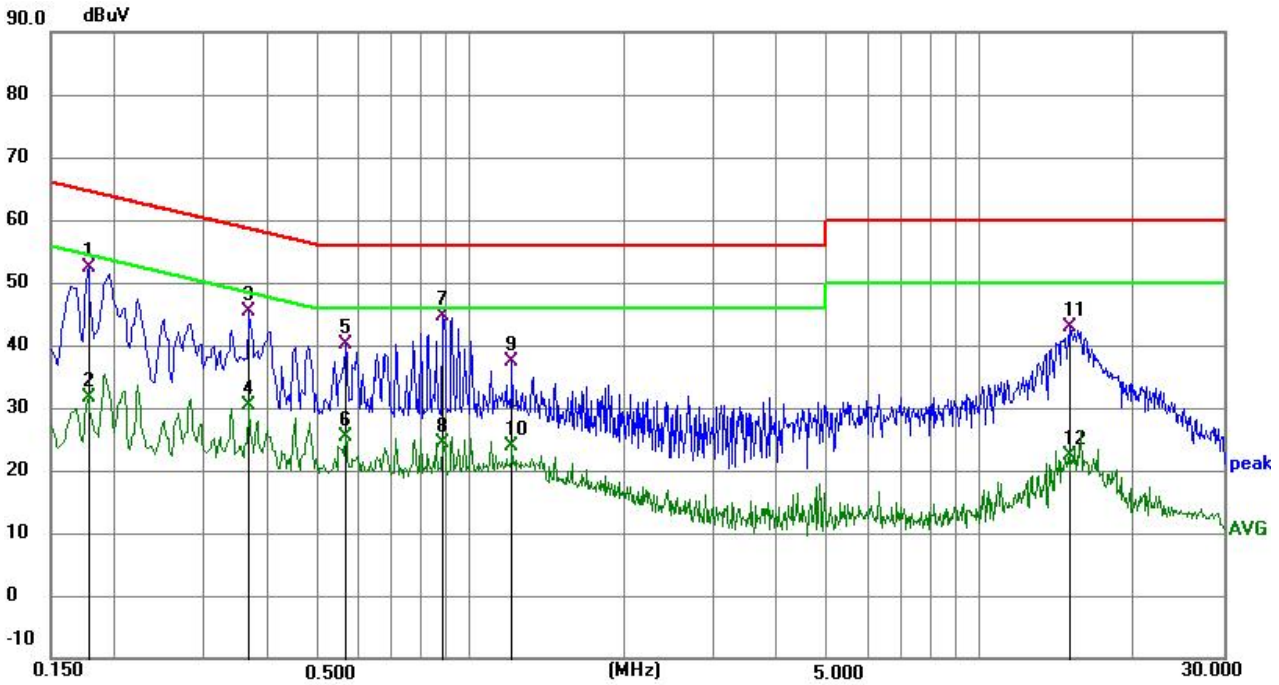
Both band1 and band4 all of the 802.11a, 802.11n and 802.11ac modes have been tested, the EUT complied with the FCC Part 15.207 standard limit for a wireless device, and with the worst case 802.11a_5180MHz, Adapter SOY-2400400-410-B and ANT 1 as below:
Remark: Level = Reading + Factor, Margin = Level - Limit

Test Plots and Data of Conducted Emissions	
Tested Mode:	TM1
Test Voltage:	AC 120V/60Hz
Test Power Line:	Neutral
Remark:	Adapter: SOY-2400400-410



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1 *	0.1995	45.65	9.21	54.86	63.63	-8.77	QP	P	
2	0.1995	29.89	9.21	39.10	53.63	-14.53	AVG	P	
3	0.2805	35.52	9.36	44.88	60.80	-15.92	QP	P	
4	0.2805	20.97	9.36	30.33	50.80	-20.47	AVG	P	
5	0.3660	34.08	9.39	43.47	58.59	-15.12	QP	P	
6	0.3660	22.46	9.39	31.85	48.59	-16.74	AVG	P	
7	0.5955	29.39	9.37	38.76	56.00	-17.24	QP	P	
8	0.5955	14.22	9.37	23.59	46.00	-22.41	AVG	P	
9	0.8565	35.80	9.39	45.19	56.00	-10.81	QP	P	
10	0.8565	19.04	9.39	28.43	46.00	-17.57	AVG	P	
11	15.6390	32.57	9.59	42.16	60.00	-17.84	QP	P	
12	15.6390	11.94	9.59	21.53	50.00	-28.47	AVG	P	

Test Plots and Data of Conducted Emissions	
Tested Mode:	TM1
Test Voltage:	AC 120V/60Hz
Test Power Line:	Live
Remark:	Adapter: SOY-2400400-410



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1770	43.07	9.40	52.47	64.63	-12.16	QP	P	
2	0.1770	22.21	9.40	31.61	54.63	-23.02	AVG	P	
3	0.3660	35.72	9.58	45.30	58.59	-13.29	QP	P	
4	0.3660	20.83	9.58	30.41	48.59	-18.18	AVG	P	
5	0.5685	30.67	9.57	40.24	56.00	-15.76	QP	P	
6	0.5685	15.75	9.57	25.32	46.00	-20.68	AVG	P	
7 *	0.8834	35.01	9.57	44.58	56.00	-11.42	QP	P	
8	0.8834	14.92	9.57	24.49	46.00	-21.51	AVG	P	
9	1.2075	27.79	9.63	37.42	56.00	-18.58	QP	P	
10	1.2075	14.24	9.63	23.87	46.00	-22.13	AVG	P	
11	14.9910	33.08	9.72	42.80	60.00	-17.20	QP	P	
12	14.9910	12.61	9.72	22.33	50.00	-27.67	AVG	P	

5. Radiated Emissions(Below 1GHz)

5.1 Standard and Limit

According to FCC Part 15.407(b)(9), Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in FCC Part 15.209.

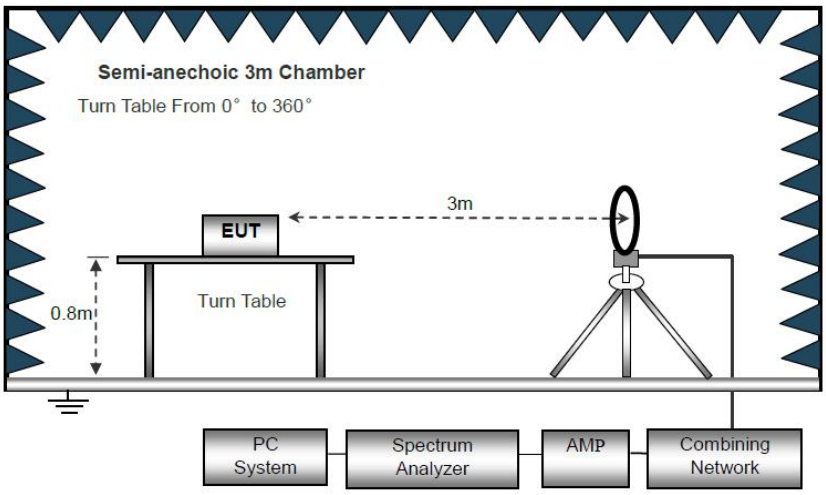
According to the rule FCC Part 15.209, Radiated emission limit for a wireless device as below:

Frequency of Emission (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
Note: The more stringent limit applies at transition frequencies.		

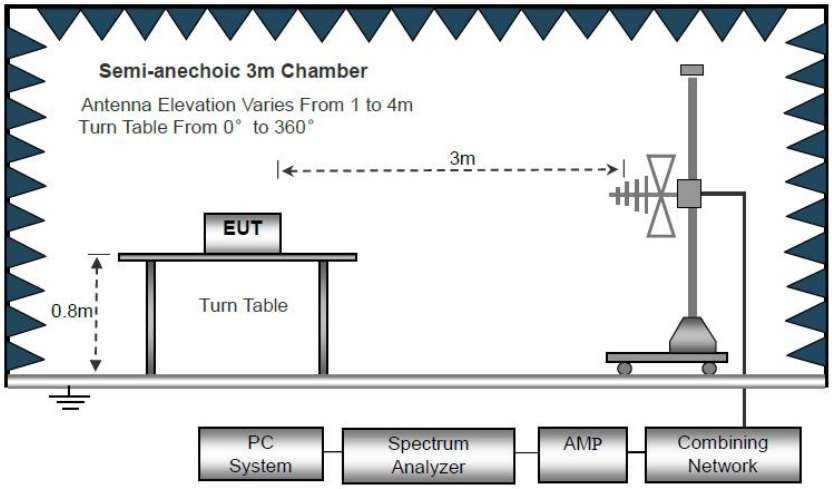
Note: Spurious Radiated Emissions measurements starting below or at the lowest crystal frequency.

5.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.3 to 6.6.



Block Diagram of Radiated Emission Below 30MHz



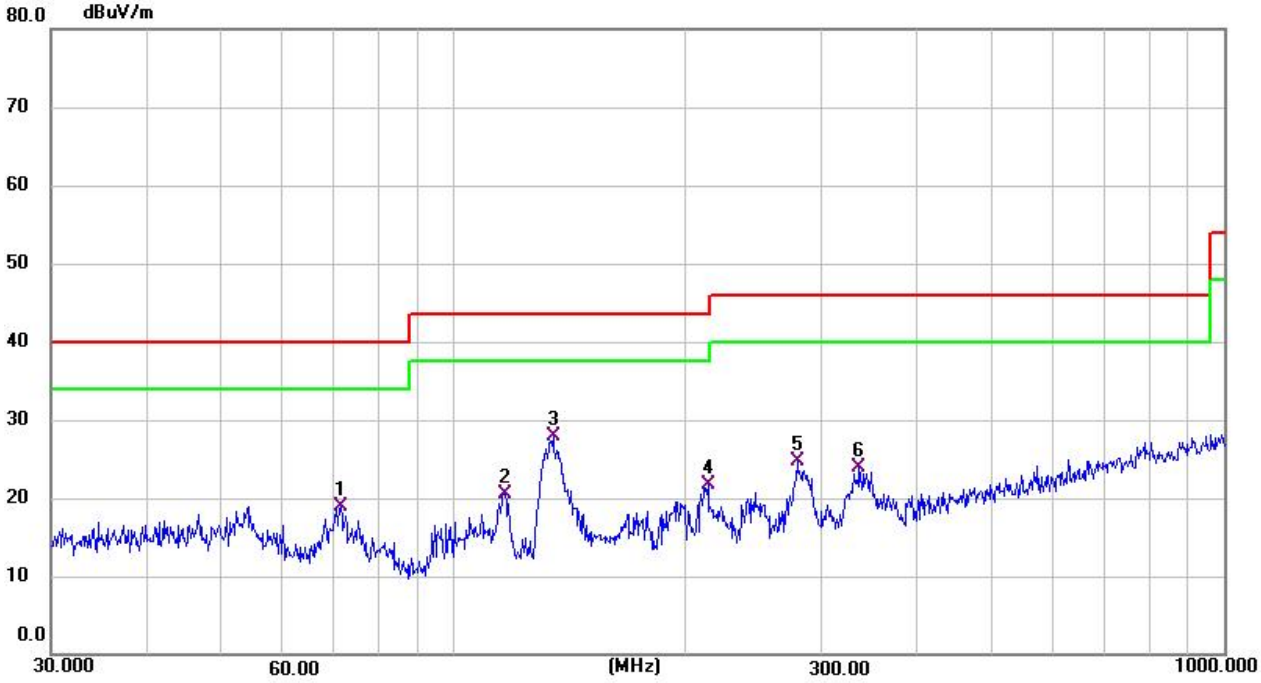
Block Diagram of Radiated Emission From 30MHz to 1GHz

a) The EUT is placed on a turntable, which is 0.8m above ground plane for test frequency range blew 1GHz.
b) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.
c) Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 100 kHz
VBW ≥ RBW, Sweep = auto
Detector function = peak
Trace = max hold
d) Follow the guidelines in ANSI C63.4-2014 with respect to maximizing the emission by rotating the EUT, adjusting the measurement antenna height and polarization, etc. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, submit this data. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
e) For the actual test configuration, please refer to the related item - EUT test photos.

5.3 Test Data and Results

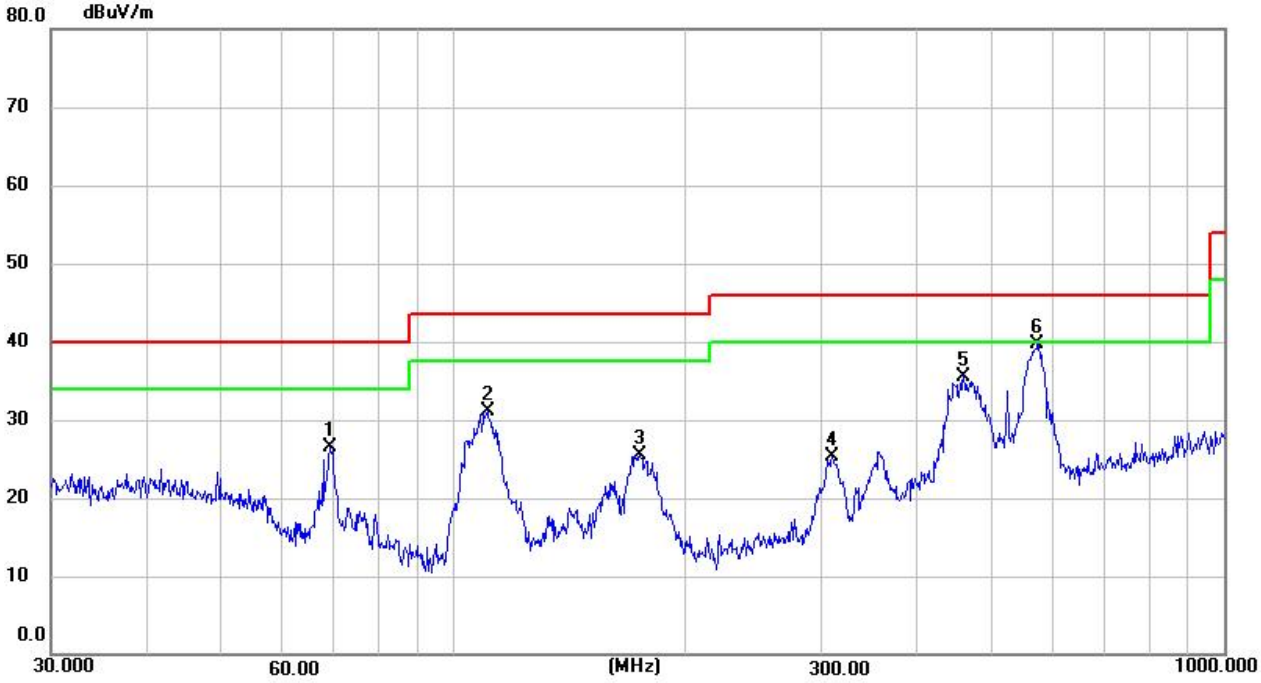
Both band1 and band4 all of the 802.11a, 802.11n and 802.11ac modes have been tested, the EUT complied with the FCC Part 15.209 standard limit for a wireless device, and with the worst case 802.11a_5180MHz, Adapter SOY-2400400-410-B and ANT 1 as below:
Remark: Level = Reading + Factor, Margin = Level - Limit

Radiated Emission Test Data (30MHz to 1GHz)	
Tested Mode:	TM1
Test Antenna Polarization:	Horizontal
Remark:	Adapter: SOY-2400400-410



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	71.3300	30.76	-11.86	18.90	40.00	-21.10	QP	100	241	P	
2	116.5400	30.71	-10.15	20.56	43.50	-22.94	QP	100	324	P	
3 *	134.5591	36.54	-8.55	27.99	43.50	-15.51	QP	100	254	P	
4	213.7633	33.49	-11.88	21.61	43.50	-21.89	QP	100	105	P	
5	279.0436	33.72	-9.09	24.63	46.00	-21.37	QP	100	24	P	
6	336.0350	31.18	-7.23	23.95	46.00	-22.05	QP	100	54	P	

Radiated Emission Test Data (30MHz to 1GHz)	
Tested Mode:	TM1
Test Antenna Polarization:	Vertical
Remark:	Adapter: SOY-2400400-410



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	69.1140	38.01	-11.55	26.46	40.00	-13.54	QP	100	242	P	
2	110.5686	41.98	-10.84	31.14	43.50	-12.36	QP	100	243	P	
3	174.4240	35.02	-9.56	25.46	43.50	-18.04	QP	100	52	P	
4	309.9977	33.01	-7.65	25.36	46.00	-20.64	QP	100	134	P	
5	459.1143	39.89	-4.29	35.60	46.00	-10.40	QP	100	45	P	
6 *	572.6144	41.86	-2.23	39.63	46.00	-6.37	QP	100	214	P	

Note 1: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

Note 2: Testing is carried out with frequency rang 9kHz to 1GHz. The measurements greater than 20dB below the limit from 9kHz to 30MHz.

6. Spurious Emissions(Above 1GHz)

6.1 Standard and Limit

According to FCC Part 15.407(b), Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

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

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

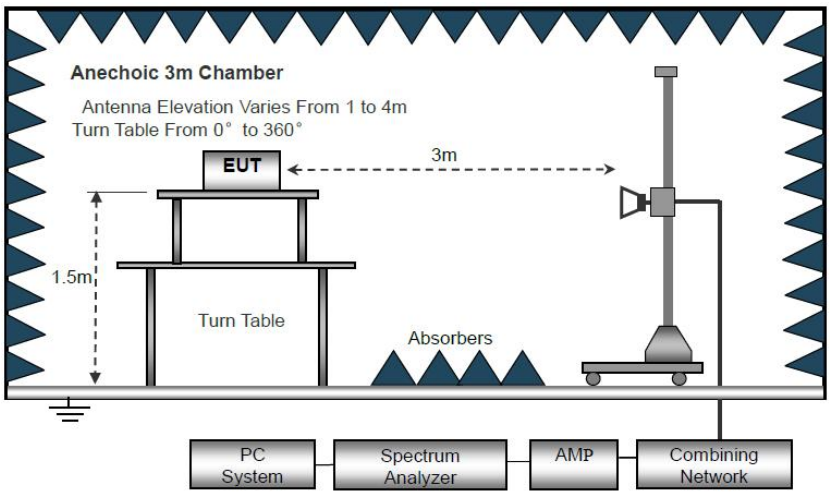
(4) For transmitters operating solely in the 5.725–5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(5) The provisions of § 15.205 apply to intentional radiators operating under this section.

(6) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

6.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.3 to 6.6.



Block Diagram of Radiated Emission Above 1GHz

a) The EUT is placed on a turntable, which is 1.5m above ground plane for test frequency range above 1GHz.

b) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emissions.

c) Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1GHz
VBW ≥ RBW, Sweep = auto
Detector function = peak
Trace = max hold

d) Follow the guidelines in ANSI C63.4-2014 with respect to maximizing the emission by rotating the EUT, adjusting the measurement antenna height and polarization, etc. The peak reading of the emission, after being corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, submit this data. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.

e) For the actual test configuration, please refer to the related item - EUT test photos.

6.3 Test Data and Results

Both band1 and band4 all of the 802.11a, 802.11n and 802.11ac modes have been tested, the EUT complied with the FCC Part 15.407 standard limit, and with the worst case 802.11a_HT20, 802.11n_HT20 and 802.11ac_VHT20, Adapter SOY-2400400-410-B and ANT 1 as below:
Remark: Level = Reading + Factor, Margin = Level - Limit

UNII Band 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
802.11a_20MHz_Lowest Channel (5180MHz)							
2664	47.73	-13.87	33.86	68.2	-34.34	H	Peak
2647	44.01	-13.7	30.31	68.2	-37.89	V	Peak
802.11a_20MHz_Highest Channel (5240MHz)							
3224	47.57	-10.63	36.94	68.2	-31.26	H	Peak
3088	44.66	-11.78	32.88	68.2	-35.32	V	Peak
802.11n_20MHz_Lowest Channel (5180MHz)							
2346	45.47	-15.02	30.45	68.2	-37.75	H	Peak
2888	44.5	-10.79	33.71	68.2	-34.49	V	Peak
802.11n_20MHz_Highest Channel (5240MHz)							
2899	44.39	-11.35	33.04	68.2	-35.16	H	Peak
2680	46.31	-13.86	32.45	68.2	-35.75	V	Peak
802.11ac_20MHz_Lowest Channel (5180MHz)							
2363	46.49	-14.19	32.3	68.2	-35.9	H	Peak
2491	45.69	-14.44	31.25	68.2	-36.95	V	Peak
802.11ac_20MHz_Highest Channel (5240MHz)							
3168	48.11	-9.91	38.2	68.2	-30	H	Peak
2907	46.89	-10.97	35.92	68.2	-32.28	V	Peak

UNII Band 4

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
802.11a_20MHz_Lowest Channel (5745MHz)							
3200	46.19	-9.9	36.29	68.2	-31.91	H	Peak
2964	46.97	-11.14	35.83	68.2	-32.37	V	Peak
802.11a_20MHz_Highest Channel (5825MHz)							
3948	48.38	-8.67	39.71	68.2	-28.49	H	Peak
3071	47.64	-11.48	36.16	68.2	-32.04	V	Peak
802.11n_20MHz_Lowest Channel (5745MHz)							
3087	49.94	-10.01	39.93	68.2	-28.27	H	Peak
3170	44.74	-10.7	34.04	68.2	-34.16	V	Peak
802.11n_20MHz_Highest Channel (5825MHz)							
2957	43.86	-11.39	32.47	68.2	-35.73	H	Peak
3481	46.23	-9.7	36.53	68.2	-31.67	V	Peak
802.11ac_20MHz_Lowest Channel (5745MHz)							
3228	45.81	-11.41	34.4	68.2	-33.8	H	Peak
2622	45.53	-11.8	33.73	68.2	-34.47	V	Peak
802.11ac_20MHz_Highest Channel (5825MHz)							
3844	47.98	-9.65	38.33	68.2	-29.87	H	Peak
3539	45.83	-9.33	36.5	68.2	-31.7	V	Peak

Note 1: this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

Note 2: Testing is carried out with frequency rang 1GHz to the tenth harmonics, If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit, so there is no record.

Note 3: Other emissions are attenuated 20dB below the limits from 9kHz to 30MHz, so it does not recorded report, above 18GHz not recorded for no spurious point have a margin of less than 6 dB with respect to the limits.

7. Band-edge Emissions(Radiated)

7.1 Standard and Limit

According to §15.407(b), Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

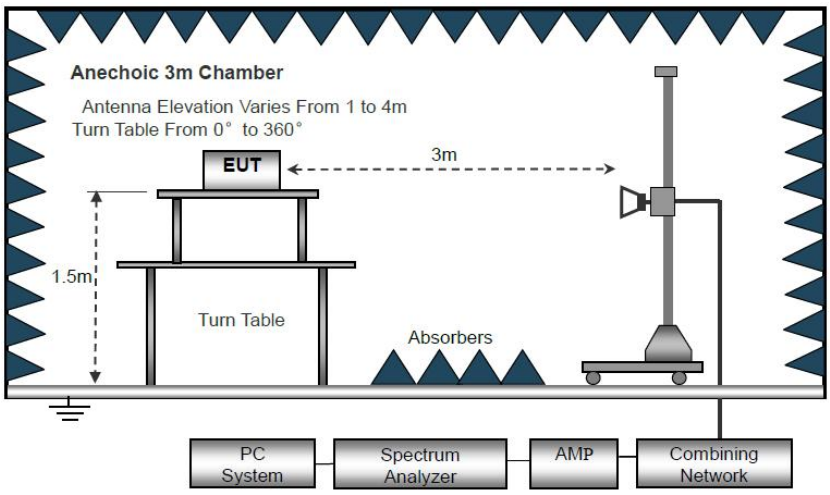
(2) For transmitters operating in the 5.25–5.35 GHz band: All emissions outside of the 5.15–5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

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

(4) For transmitters operating solely in the 5.725–5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

7.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.3 to 6.6 and section 6.10.



Test Setup Block Diagram

7.3 Test Data and Results

Based on all tested data, the EUT complied with the FCC Part 15.407 standard limit, and with the worst case Adapter SOY-2400400-410-B and ANT 1 as below: as below:

Remark: Level = Reading + Factor, Margin = Level - Limit

UNII Band 1_ 802.11a_20MHz_Lowest Channel (5180MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5028.108	45.77	-5.85	39.92	74	-34.08	H	Peak
5053.083	44.23	-6.29	37.94	74	-36.06	V	Peak

UNII Band 1_ 802.11a_20MHz_Highest Channel (5240MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5282.29	44.71	-6.09	38.62	74	-35.38	H	Peak
5281.08	47.33	-5.57	41.76	74	-32.24	H	Peak
5325.06	47.01	-5.97	41.04	74	-32.96	V	Peak
5359.82	48.43	-5.57	42.86	74	-31.14	V	Peak

UNII Band 1_802.11n_40MHz_Lowest Channel (5190MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5008.147	46.96	-5.86	41.10	74	-32.9	H	Peak
5035.539	45.44	-6.28	39.16	74	-34.84	V	Peak

UNII Band 1_ 802.11n_40MHz_Highest Channel (5230MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5295.99	45.58	-5.78	39.80	74	-34.2	H	Peak
5264.28	45.12	-5.88	39.24	74	-34.76	H	Peak
5338.64	47.82	-6.37	41.45	74	-32.55	V	Peak
5315.14	48.06	-6.27	41.79	74	-32.21	V	Peak

UNII Band 1_802.11ac_80MHz_5210MHz

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5017.503	47.1	-5.86	41.24	74	-32.76	H	Peak
5089.756	46.58	-6.19	40.39	74	-33.61	H	Peak
5099.437	45.7	-6.21	39.49	74	-34.51	H	Peak
5322.99	44.18	-5.88	38.30	74	-35.7	V	Peak
5271.28	47.52	-5.98	41.54	74	-32.46	V	Peak
5290.56	45.94	-5.87	40.07	74	-33.93	V	Peak

UNII Band 4_ 802.11a_20MHz_Lowest Channel (5745MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5617.823	44.12	-5.41	38.71	74	-35.29	H	Peak
5685.701	47.93	-5.94	41.99	74	-32.01	H	Peak
5672.702	45.68	-5.07	40.61	74	-33.39	V	Peak
5668.454	48.04	-5.54	42.50	74	-31.5	V	Peak

UNII Band 4_ 802.11a_20MHz_Highest Channel (5825MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5875.291	48.62	-5.06	43.56	74	-30.44	H	Peak
5897.429	43.93	-4.44	39.49	74	-34.51	H	Peak
5933.94	45.71	-4.24	41.47	74	-32.53	V	Peak
6009.915	47.66	-4.82	42.84	74	-31.16	V	Peak

UNII Band 4_802.11n_40MHz_Lowest Channel (5755MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5604.666	48.04	-5.72	42.32	74	-31.68	H	Peak
5635.179	46.16	-5.82	40.34	74	-33.66	H	Peak
5696.428	47.16	-5.82	41.34	74	-32.66	V	Peak
5661.475	46.5	-5.77	40.73	74	-33.27	V	Peak

UNII Band 4_ 802.11n_40MHz_Highest Channel (5795MHz)

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5868.077	45.67	-5.1	40.57	74	-33.43	H	Peak
5908.2	44.76	-4.69	40.07	74	-33.93	H	Peak
5893.813	47.96	-4.7	43.26	74	-30.74	V	Peak
5945.268	45.69	-4.37	41.32	74	-32.68	V	Peak

UNII Band 4_802.11ac_80MHz_5775MHz

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	H/V	Peak
5611.744	46.94	-6.05	40.89	74	-33.11	H	Peak
5674.405	47.15	-5.65	41.50	74	-32.5	H	Peak
5663.274	48.3	-5.38	42.92	74	-31.08	H	Peak
5847.799	45.74	-5.21	40.53	74	-33.47	H	Peak
5881.727	46.76	-4.98	41.78	74	-32.22	H	Peak
5637.25	47.37	-5	42.37	74	-31.63	V	Peak
5712.39	46.45	-5.72	40.73	74	-33.27	V	Peak
5874.865	46.56	-4.47	42.09	74	-31.91	V	Peak
5928.784	45.52	-4.52	41.00	74	-33	V	Peak
5989.944	45.4	-4.09	41.31	74	-32.69	V	Peak

8. Band-edge Emission(Conducted)

8.1 Standard and Limit

According to §15.407(b), Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

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

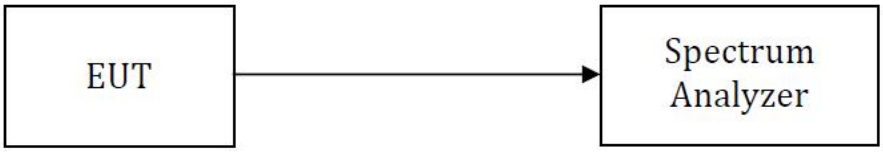
(3) For transmitters operating in the 5.47–5.725 GHz band: All emissions outside of the 5.47–5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating solely in the 5.725–5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

8.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.10.

1) Remove the antenna from the EUT and connect to the spectrum analyzer via a low loss RF cable.
2) Set the spectrum analyzer to any one measured frequency within its operating range.
3) Set RBW = 1MHz, VBW = 3MHz, Sweep = Auto, Detector = Peak.
4) Measure the highest amplitude appearing on spectral display and set it as a reference level.
5) Measure the emission and marking the edge frequency.
6) Repeat above procedures until all frequencies measured were complete.



Test Setup Block Diagram

8.3 Test Data and Results

Measurement Data: The 5G Wi-Fi ANT1 detailed test data see Appendix A.,5G Wi-Fi ANT2 detailed test data see Appendix B

9. Conducted RF Spurious Emissions

9.1 Standard and Limit

According to FCC Part 15.407(b), Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

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

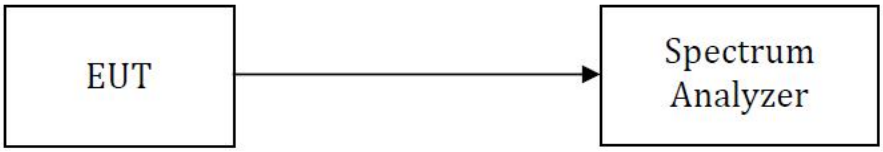
(3) For transmitters operating in the 5.47–5.725 GHz band: All emissions outside of the 5.47–5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating solely in the 5.725–5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

9.2 Test Procedure

Test is conducting under the description of ANSI C63.10 - 2013 section 6.7.

1) Remove the antenna from the EUT and connect to the spectrum analyzer via a low loss RF cable.
2) Set the spectrum analyzer to any one measured frequency within its operating range.
3) Set RBW = 1MHz, VBW = 3MHz, Sweep = Auto, Detector = Peak.
4) Measure the highest amplitude appearing on spectral display and set it as a reference level.
5) Measure the emission and marking the frequency.
6) Repeat above procedures until all measured frequencies were complete.



Test Setup Block Diagram

9.3 Test Data and Results

Measurement Data: The 5G Wi-Fi ANT1 detailed test data see Appendix A.,5G Wi-Fi ANT2 detailed test data see Appendix B

Note:28~40GHz at least have 20dB margin. No recording in the test report.

10. Maximum Conducted Output Power

10.1 Standard and Limit

According to 15.407(a): (1) For the band 5.15–5.25 GHz.
For an outdoor or indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band..

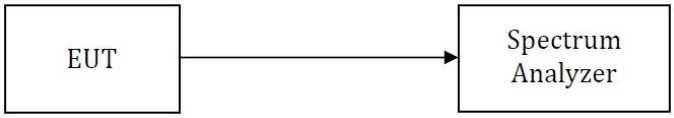
For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

(2) For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725–5.895 GHz: the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500–kHz band.

10.2 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.
1) A measurement instrument with an integrated channel bandwidth function may be used to automate the test process.
2) Set center of frequency = operating frequency.
3) Connect the EUT to the RF input of the spectrum analyzer via a low loss RF cable
4) Set the RBW = 1MHz, VBW = 3MHz, Detector = RMS, Sweep = Auto.
5) Set the SPAN to 40MHz/80MHz/160MHz for 20MHz/40MHz/80MHz emission bandwidth mode.
6) Measure the highest amplitude appearing on spectral display and mark the value.
7) Repeat the above procedures until all frequency measured was complete.



Test Setup Block Diagram

10.3 Test Data and Results

Mode	Frequency (MHz)	Conducted Power_Ant1 (dBm)	Conducted Power_Ant2 (dBm)	Max _MIMO(dBm)	Limit
a	5180	6.25	5.5	--	24
a	5200	6.12	5.27	--	24
a	5240	5.93	5.08	--	24
a	5745	4.93	6.11	--	30
a	5785	4.4	5.87	--	30
a	5825	4.88	6.04	--	30
n20	5180	5.75	4.73	8.28	24
n20	5200	5.65	4.53	8.14	24
n20	5240	5.71	3.87	7.90	24
n20	5745	4.6	5.36	8.01	30
n20	5785	4.11	4.72	7.44	30
n20	5825	4.62	5.17	7.91	30
n40	5190	6.08	4.81	8.50	24
n40	5230	5.87	3.99	8.04	24
n40	5755	4.8	5.41	8.13	30
n40	5795	4.51	4.76	7.65	30
ac20	5180	3.74	3.82	6.79	24
ac20	5200	3.47	3.6	6.55	24
ac20	5240	3.48	3.42	6.46	24
ac20	5745	4.46	4.36	7.42	30
ac20	5785	4.19	4.31	7.26	30
ac20	5825	4.26	3.83	7.06	30
ac40	5190	3.76	3.75	6.77	24
ac40	5230	3.47	3.54	6.52	24
ac40	5755	4.51	4.01	7.28	30
ac40	5795	4.32	4.55	7.45	30
ac80	5210	3.49	2.98	6.25	24
ac80	5775	4.31	4.52	7.43	30

11. Emission Bandwidth

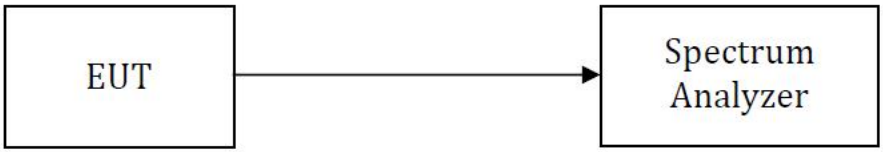
11.1 Standard and Limit

According to 15.407(a), Within the 5.250–5.350 GHz and 5.470–5.725 GHz bands the 26 dB bandwidth shall be tested.

According to 15.407(e), Within the 5.725–5.850 GHz and 5.850–5.895 GHz bands, the minimum 6 dB bandwidth of U–NII devices shall be at least 500 kHz.

11.2 Test Procedure

According to the ANSI 63.10-2013, section 6.9, the emission bandwidth test method as follows.
1) Remove the antenna from the EUT and connect to the spectrum analyzer via a low loss RF cable.
2) Set the spectrum analyzer to any one measured frequency within its operating range.
3) 6dB: Set RBW = 100kHz, VBW ≥ [3 × RBW], Sweep = Auto.
   26dB: Set RBW = approximately 1% of the emission bandwidth, VBW ≥ [3 × RBW], Sweep = Auto.
4) Set a reference level on the measuring instrument equal to the highest peak value.
5) Measure the frequency difference of two frequencies that were attenuated 6dB or 26dB from the reference level. Record the frequency difference as the emission bandwidth.
6) Repeat the above procedures until all frequencies measured were complete.



Test Setup Block Diagram

11.3 Test Data and Results

Measurement Data: The 5G Wi-Fi ANT1 detailed test data see Appendix A.,5G Wi-Fi ANT2 detailed test data see Appendix B

12. Maximum Power Spectral Density

12.1 Standard and Limit

According to 15.407(a):
(1) For the band 5.15–5.25 GHz.
For an outdoor or indoor access point operating in the band 5.15–5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band..

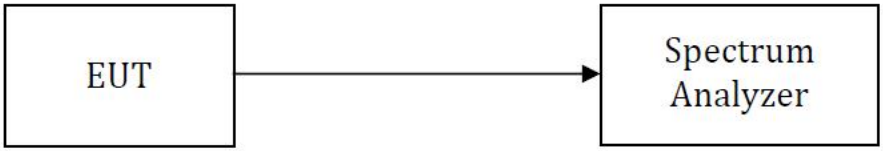
For client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

(2) For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725–5.895 GHz: the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500–kHz band.

12.2 Test Procedure

1) Remove the antenna from the EUT and connect to the spectrum analyzer via a low loss RF cable.
2) Set the spectrum analyzer to any one measured frequency within its operating range.
3) For U-NII-1, U-NII-2A, U-NII-2C band:Set RBW = 1MHz, VBW = 3MHz, Sweep = Auto, Detector = RMS.
4) For U-NII-3 band: Set RBW = 510kHz, Set VBW = 1.5MHz, Sweep = Auto, Detector = RMS
5) Measure the highest amplitude appearing on spectral display and mark the value.
6) Repeat above procedures until all frequencies measured were complete.



Test Setup Block Diagram

12.3 Test Data and Results

Mode	Frequency (MHz)	Max PSD_Ant1 (dBm)	Max PSD_Ant2(dBm)	Max PSD_MIMO(dBm)	Limit
a	5180	-3.4	-3.93	--	11
a	5200	-3.66	-4.28	--	11
a	5240	-3.58	-4.51	--	11
a	5745	-7.4	-6.42	--	30
a	5785	-8.17	-6.9	--	30
a	5825	-7.57	-6.51	--	30
n20	5180	-3.95	-5.06	-1.46	11
n20	5200	-3.88	-5.37	-1.55	11
n20	5240	-3.73	-6.04	-1.72	11
n20	5745	-8.19	-7.27	-4.70	30
n20	5785	-8.45	-7.96	-5.19	30
n20	5825	-8.02	-7.55	-4.77	30
n40	5190	-6.5	-7.78	-4.08	11
n40	5230	-6.78	-8.7	-4.62	11
n40	5755	-10.68	-10.29	-7.47	30
n40	5795	-10.93	-10.85	-7.88	30
ac20	5180	-6.03	-6.01	-3.01	11
ac20	5200	-6.4	-5.97	-3.17	11
ac20	5240	-6.21	-6.23	-3.21	11
ac20	5745	-8.31	-8.18	-5.23	30
ac20	5785	-8.69	-8.41	-5.54	30
ac20	5825	-8.43	-8.63	-5.52	30
ac40	5190	-8.87	-9.16	-6.00	11
ac40	5230	-9.24	-8.96	-6.09	11
ac40	5755	-11.03	-11.55	-8.27	30
ac40	5795	-11.53	-11.35	-8.43	30
ac80	5210	-12.62	-13.06	-9.82	11
ac80	5775	-14.47	-14.31	-11.38	30

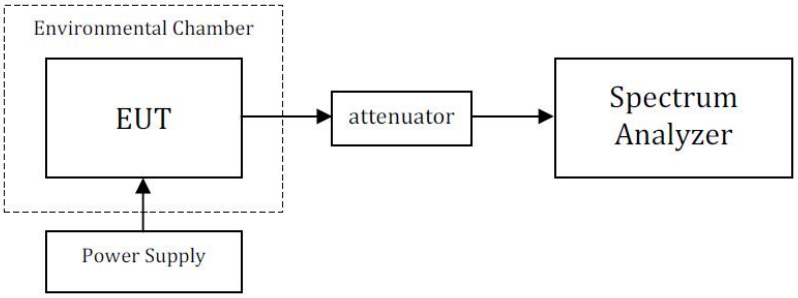
13. Frequency Stability

13.1 Standard and Limit

According to 15.407(g), 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.

13.2 Test Procedure

Test is conducting under the description of ANSI C63.10-2013 section 6.8.



Test Setup Block Diagram

13.3 Test Data and Results

Measurement Data: The 5G Wi-Fi ANT1 detailed test data see Appendix A.,5G Wi-Fi ANT2 detailed test data see Appendix B.

******* END OF REPORT *******