

TEST REPORT

Applicant : Shenzhen Najingyun Innovation Technology Co., Ltd.
Address : 201,Block B, Jiada R&D Building, Xili Street, Nanshan District,
Shenzhen, China
Manufacturer : Shenzhen Najingyun Innovation Technology Co., Ltd.
Address : 201,Block B, Jiada R&D Building, Xili Street, Nanshan District,
Shenzhen, China
Product Name : Smart Glasses
Model Number : WAI3
Trademark : N/A
FCC ID : 2BVNZ-WAI3
Test Date : April 1, 2026 - April 20, 2026
Date of Report : April 20, 2026

Test Result : This device described above has been tested by BKC, and the test results show that the equipment under test (EUT) is in compliance with the Standard requirements. And it is applicable only to the tested sample identified in the report.

Test Procedure Used:

Standards : FCC CFR Title 47 Part 15 Subpart C Section 15.247
ANSI C63.10-2020+Cor.1-2023

Prepared by(Test Engineer):
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Reviewer(Supervisor):
Casey Wang



Approved(Manager):
Jerry Liao



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1. General Information

1.1. Description of Device (EUT)

EUT Name : Smart Glasses
Model No. : WAI3
Model Difference : N/A
Power supply : Input: DC5V
Battery: DC 3.8V 290mAh, 1.1Wh
Operation frequency : 2412MHz-2462MHz
Max. RF output power: : 5.81dBm
Modulation : 802.11b: Direct Sequence Spread Spectrum(DSSS)
802.11g/802.11n(H20)
Orthogonal Frequency Division Multiplexing(OFDM)
Antenna Type : Wire antenna, Maximum Gain is 2.48dBi
Intend use environment : Residential, commercial and light industrial environment

1.2. Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	2	2417	3	2422	4	2427
5	2432	6	2437	7	2442	8	2447
9	2452	10	2457	11	2462	12	2467
13	2472						

1.3. Summary of test result

RF PART		
Test Items	Test Requirement	Result
Antenna requirement	FCC part 15.203/15.247 (c)	PASS
AC Power Line Conducted Emission	FCC part 15.207	PASS
Conducted Peak Output Power	FCC part 15.247 (b)(3)	PASS
Channel Bandwidth& 99% OCB	FCC part 15.247 (a)(2)	PASS
Power Spectral Density	FCC part 15.247 (e)	PASS
Band Edge	FCC part 15.247(d)	PASS
Spurious Emission	FCC part 15.205/15.209	PASS
Remark: N/A is an abbreviation for Not Applicable. Measurement Uncertainty is not taken into account for conformity statement		

1.4.Special Accessories and Auxiliary Equipment

Description	Manufacturer	Model No.	Hardware Version	Software Version
/	/	/	/	/

1.5.Test mode

The special RF test software was used to control EUT work in Continuous WIFI TX mode, and select test channel, wireless mode.

Test mode	Low channel	Middle channel	High channel
802.11b	2412MHz	2437MHz	2462MHz
802.11g	2412MHz	2437MHz	2462MHz
802.11n20	2412MHz	2437MHz	2462MHz

Note: Only the worst Data 1Mbps/6Mbps/6.5Mbps Record in the report

1.6.Block Diagram

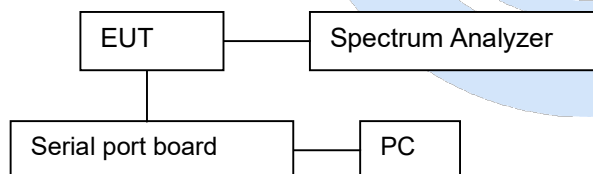
Conducted Emission



Radiated Emission



Conducted Spurious



1.7.Test Conditions

Category	Normal Conditions	Extreme Conditions
Temperature range	15-35℃	N/A
Humidity range	20-75%	N/A
Pressure range	86-106kPa	N/A
Power supply	DC 5V or Battery DC 3.8V	N/A

Note: N/A is an abbreviation for Not Applicable.

1.8.Measurement Uncertainty (95% confidence levels, k=2)

Item	MU	Remark
Uncertainty for radio frequency	$\pm 7 \times 10^{-8}$	
Conducted Emissions (150kHz~30MHz)	$\pm 2.54\text{dB}$	
Radiated Emission(9KHz~30MHz)	$\pm 1.6\text{ dB}$	
Radiated Emission(30MHz~1GHz)	Vertical: $\pm 4.14\text{dB}$ Horizontal: $\pm 4.25\text{dB}$	
Radiated Emission(1GHz~6GHz)	$\pm 3.9\text{dB}$	
Radiated Emission(6GHz~18GHz)	$\pm 4.3\text{dB}$	
Radiated Emission(18GHz~40GHz)	$\pm 3.38\text{dB}$	
Uncertainty for conducted RF Power	$\pm 0.20\text{dB}$	
Conducted spurious emissions	$\pm 0.24\text{dB}$	
Uncertainty for temperature	0.6°C	
Uncertainty for humidity	1%	
Bandwidth	$\pm 1.5 \times 10^{-6}$	
Time	$\pm 2\%$	
Duty Cycle	$\pm 2\%$	

Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%

1.9.Test Facility

Site Description	
Name of Firm	: Shenzhen BKC Testing Co., Ltd.
Site Location	: Room 103, 1/F, Huaya Building, Huaya Industrial Park, Longhua Community, Longhua District, Shenzhen, Guangdong, China.
ISED CAB identifier	: CN0188
ISED Company Number	: 34333
FCC Designation Number	: CN1416
FCC Test Firm Registration Number	: 701543

1.10.Test Equipment

Conducted Test Site

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	LISN	R&S	ENV216	102762	Mar. 10. 2026	Mar. 09. 2027
2	EMI Test Receiver	R&S	ESCI	101424	Mar. 10. 2026	Mar. 09. 2027
3	Rf cables	HTEC	HCE 2M-CE	N/A	Mar. 10. 2026	Mar. 09. 2027
4	Coupling/ Decoupling Network	Diamond	CX210	N/A	Mar. 10. 2026	Mar. 09. 2027
5	CE Testing software	EZ	EZ-EMC	/	/	/

Radiated Test Site(Below 1G and Above 1G)

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Antenna	Schwarzbeck	VULB 9168	01321	Mar. 20. 2026	Mar. 19. 2027
2	EMI Test Receiver	R&S	ESRP	101478	Mar. 10. 2026	Mar. 09. 2027
3	Preamplifier	HP	8447D	2727A05345	Mar. 10. 2026	Mar. 09. 2027
4	Double Ridged Broadband	SCHWARZBECK	BBHA 9120D	02621	Mar. 20. 2026	Mar. 19. 2029
5	Preamplifier	Schwarzbeck	BBV 9718D	00041	Mar. 10. 2026	Mar. 09. 2027
6	Rf cables	HUBER+SUHNER	8M-RE	N/A	Mar. 10. 2026	Mar. 09. 2027
7	Rf cables	HUBER+SUHNER	1.5M-RE	N/A	Mar. 10. 2026	Mar. 09. 2027
8	Rf cables	HUBER+SUHNER	1.5M-AP-RE	N/A	Mar. 10. 2026	Mar. 09. 2027
9	Loop antenna	TESEQ	HLA6121	58357	Mar. 10. 2026	Mar. 09. 2027
10	Spectrum	Agilent	N9020A	MY50510311	Mar. 11. 2026	Mar. 10. 2027
11	Spectrum analyzer	R&S	FSP40	200061	Feb. 13. 2026	Feb. 12. 2027
12	Double Ridged Broadband Horn Antenna	COM-POWER	AH-1840	10100009	Mar. 10. 2026	Mar. 09. 2027
13	RE Testing software	EZ	EZ-EMC	/	/	/

RF Test Site

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
1	Spectrum	Agilent	N9020A	MY50510311	Mar. 09. 2026	Mar. 10. 2027
2	Vector source	Agilent	N5182A	MY47420223	Mar. 09. 2026	Mar. 10. 2027
3	All instrument	Rohde & Schwarz	CMW 500	101131	Mar. 09. 2026	Mar. 10. 2027
4	control unit	TSTPASS	TSCB562R2	SN3604554	Mar. 09. 2026	Mar. 10. 2027
6	RF Testing software	TST	TSTPASS	/	Mar. 09. 2026	/
7	Spectrum analyzer	R&S	FSP40	200061	Feb. 13. 2026	Feb. 12. 2027

Note: The power meter is integrated into the control unit

Test software

Software name	TSTPASS RF Auto Test System
Software version	2.0.0.0
Software name	RE Testing software
Software version	EMEC-03A2 RE+
Software name	CE Testing software
Software version	EMEC-3A1+

2. Conducted emission at the mains terminals test

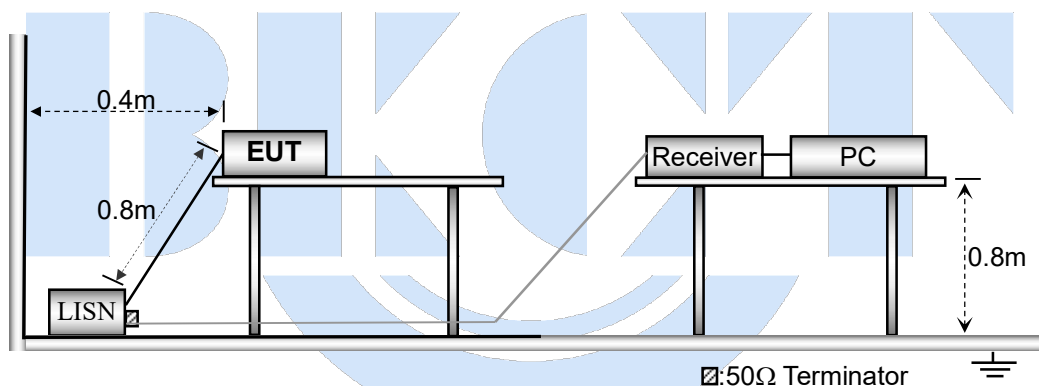
2.1.Limit

Test Requirement:	FCC Part15 C Section 15.207,
Test Method:	ANSI C63.10-2020+Cor.1-2023
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

Frequency MHz	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

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

2.2.Test Setup

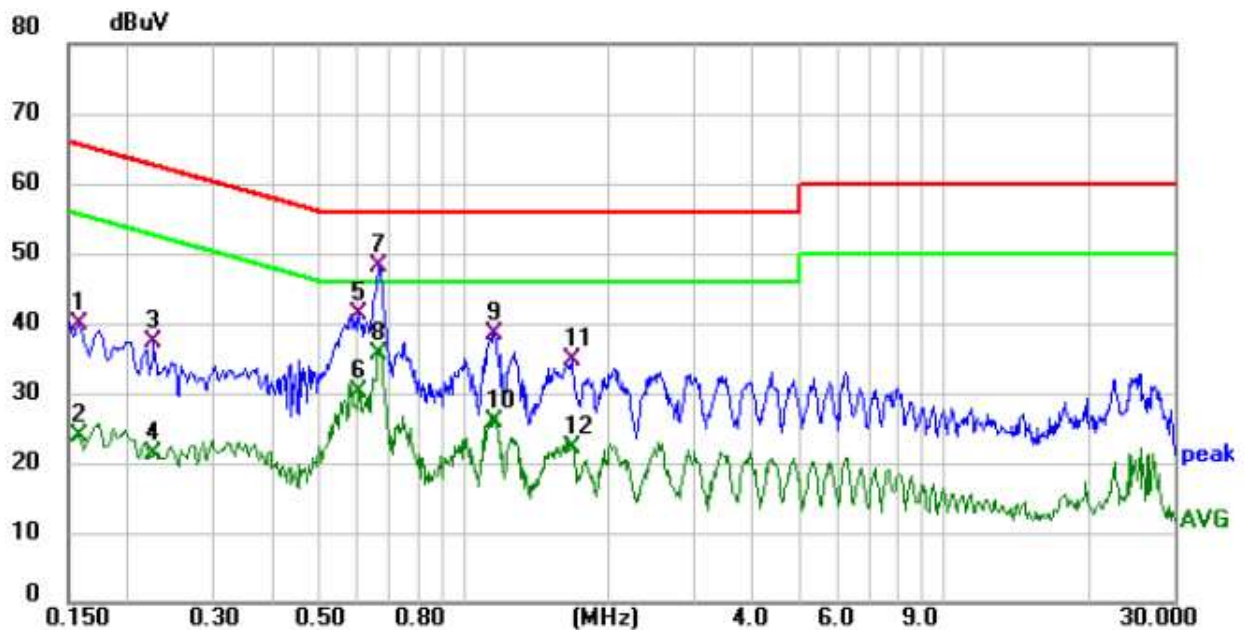


2.3.Test Procedure

1. 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 equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
2. 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.
3. 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.
4. LISN at least 80 cm from nearest part of EUT chassis.
5. For the actual test configuration, please refer to the related Item - EUT Test Photos.

2.4. Test Result

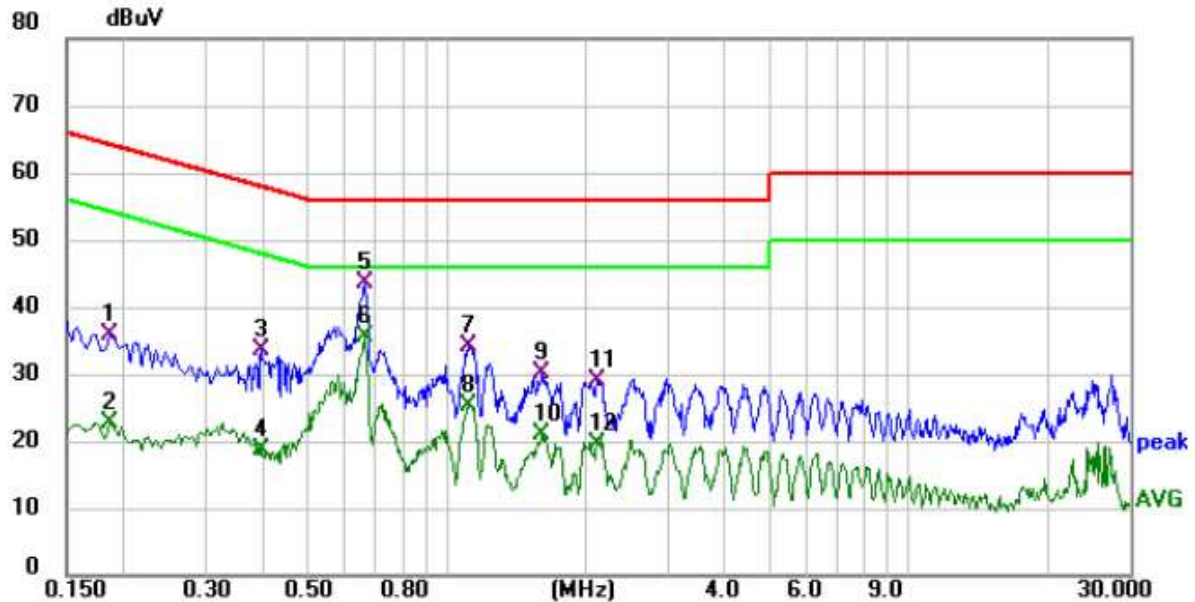
Conducted Emission At The Mains Terminals Test Data			
Temperature:	23.5°C	Relative Humidity:	51%
Pressure:	1008hPa	Phase :	Line
Test Voltage :	AC 120V/60Hz	Test Mode:	802.11g



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1580	20.83	19.14	39.97	65.57	-25.60	QP	P	
2	0.1580	4.58	19.14	23.72	55.57	-31.85	AVG	P	
3	0.2260	17.93	19.30	37.23	62.60	-25.37	QP	P	
4	0.2260	1.89	19.30	21.19	52.60	-31.41	AVG	P	
5	0.6020	21.86	19.44	41.30	56.00	-14.70	QP	P	
6	0.6020	10.69	19.44	30.13	46.00	-15.87	AVG	P	
7 *	0.6660	28.80	19.44	48.24	56.00	-7.76	QP	P	
8	0.6660	16.16	19.44	35.60	46.00	-10.40	AVG	P	
9	1.1539	19.06	19.41	38.47	56.00	-17.53	QP	P	
10	1.1539	6.56	19.41	25.97	46.00	-20.03	AVG	P	
11	1.6740	15.34	19.47	34.81	56.00	-21.19	QP	P	
12	1.6740	2.65	19.47	22.12	46.00	-23.88	AVG	P	

Conducted Emission At The Mains Terminals Test Data

Temperature:	23.5°C	Relative Humidity:	51%
Pressure:	1008hPa	Phase :	Neutral
Test Voltage :	AC 120V/60Hz	Test Mode:	802.11g



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1860	16.82	19.10	35.92	64.21	-28.29	QP	P	
2	0.1860	3.54	19.10	22.64	54.21	-31.57	AVG	P	
3	0.3940	14.36	19.16	33.52	57.98	-24.46	QP	P	
4	0.3940	-0.46	19.16	18.70	47.98	-29.28	AVG	P	
5	0.6620	24.26	19.26	43.52	56.00	-12.48	QP	P	
6 *	0.6620	16.18	19.26	35.44	46.00	-10.56	AVG	P	
7	1.1140	14.80	19.25	34.05	56.00	-21.95	QP	P	
8	1.1140	6.08	19.25	25.33	46.00	-20.67	AVG	P	
9	1.6100	10.78	19.28	30.06	56.00	-25.94	QP	P	
10	1.6100	1.72	19.28	21.00	46.00	-25.00	AVG	P	
11	2.1180	9.85	19.26	29.11	56.00	-26.89	QP	P	
12	2.1180	0.43	19.26	19.69	46.00	-26.31	AVG	P	

Remark: 1. Level(dBuV)=Reading(dBuV)+Factor(dB)

2. Margin(dB)= Level(dBuV)-Limit(dBuV)

3. Radiated Spurious Emissions

3.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.209 & 15.247,&
Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02;
ANSI C63.10-2020+Cor.1-2023
Test Result: PASS
Measurement Distance: 3m

Frequency	Detector	RBW	VBW	Value
9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

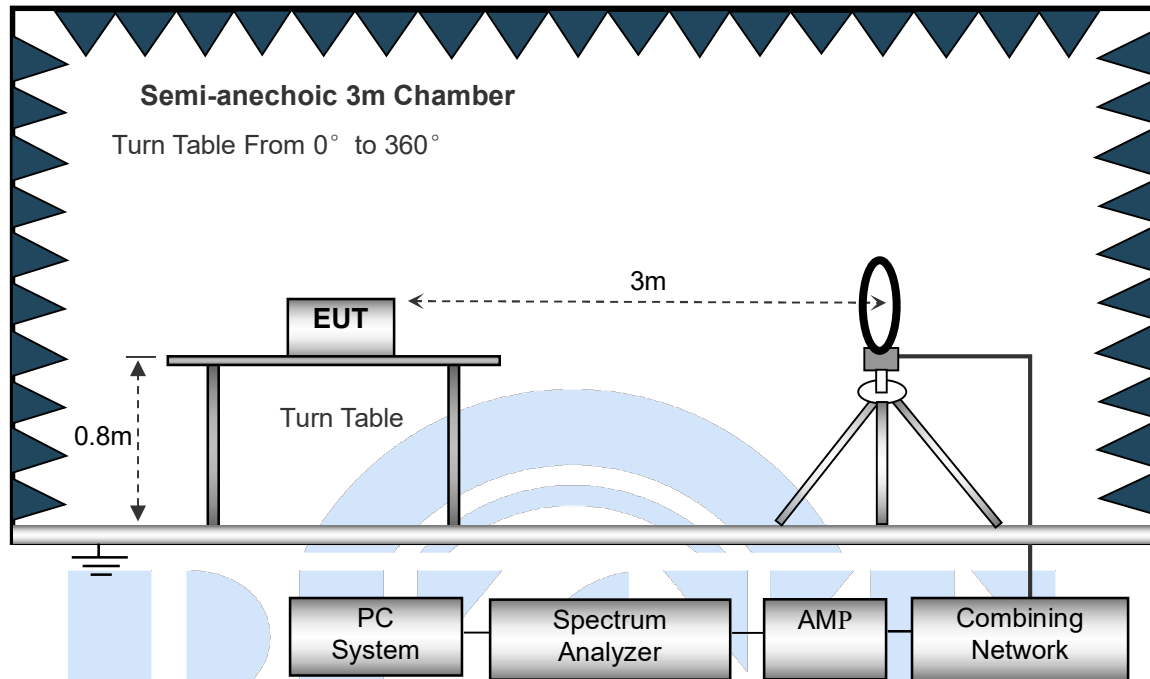
Limit:

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

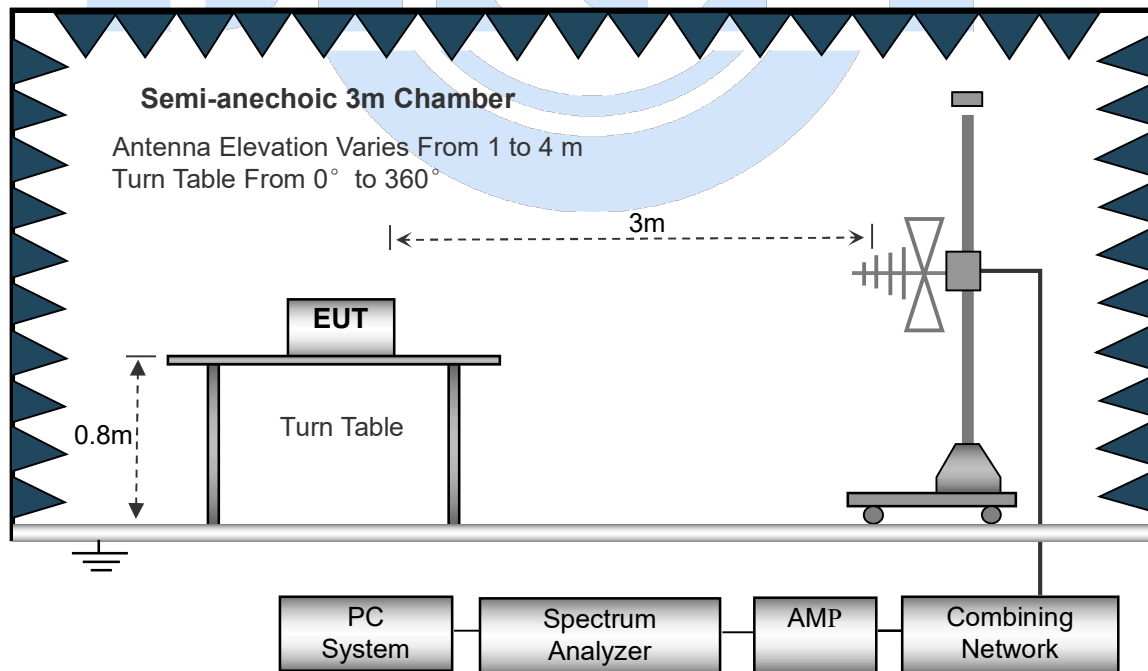
3.2. Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10.

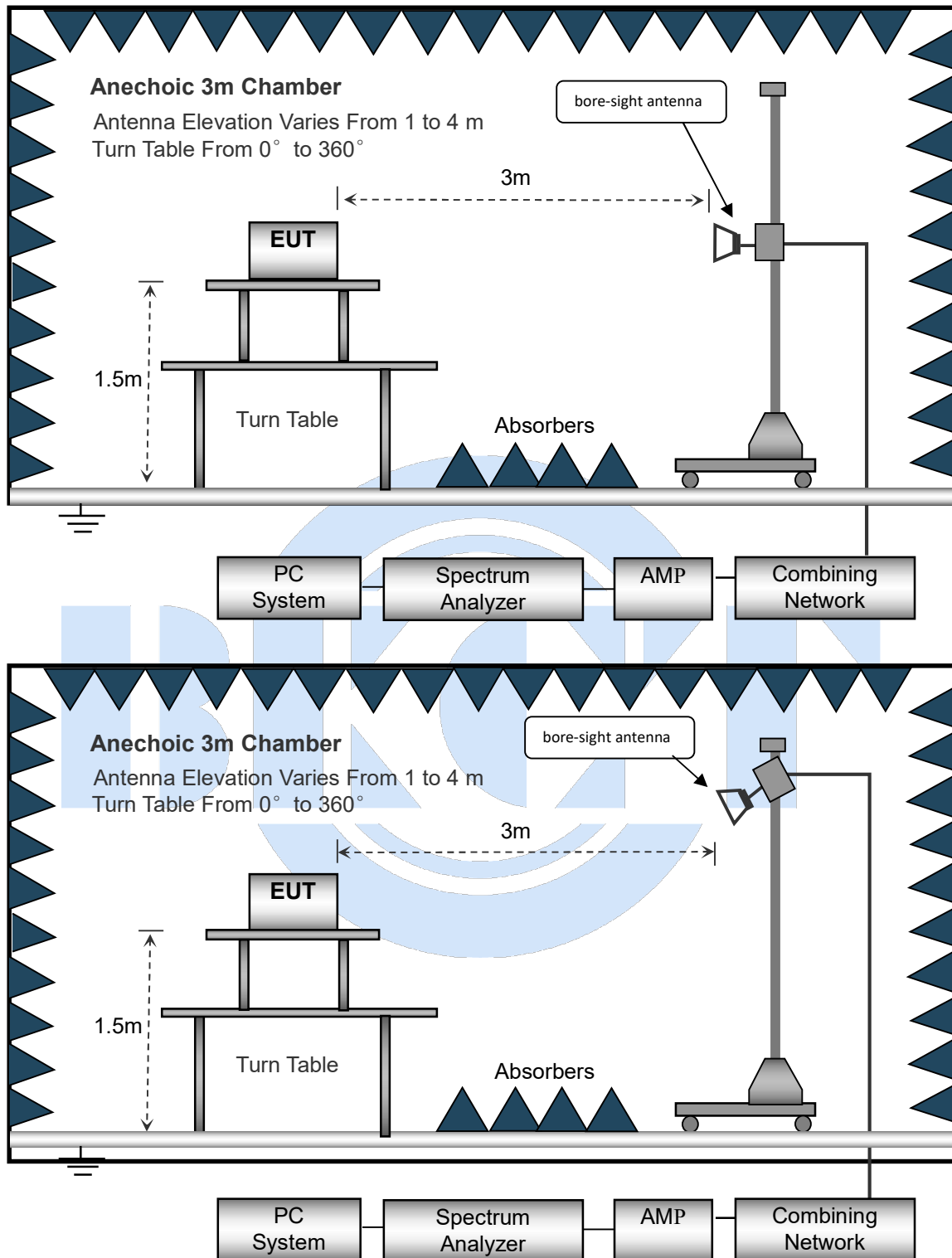
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.

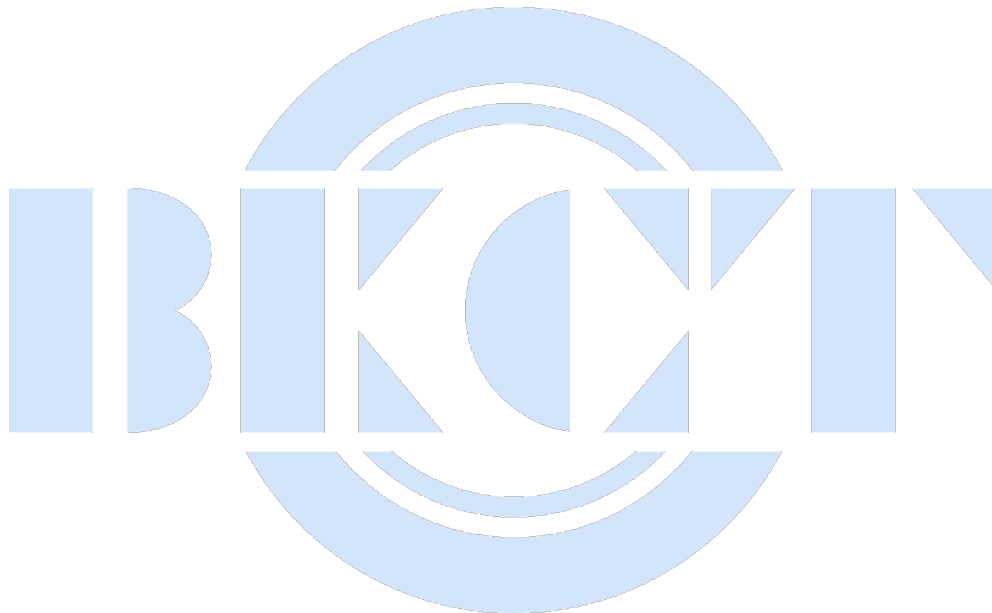


The test setup for emission measurement above 1 GHz.



3.3. Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are performed in X,Y and Z axis positioning(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand),the worst condition was tested putting the eut in Z axis,so the worst data were shown as follow.
8. A 2.4GHz high - pass filter is used during radiated emissions above 1GHz measurement.



3.4. Test Result

Test Frequency: 9KHz~30MHz

The measurements were more than 20 dB below the limit and not reported.

Test Frequency : 30MHz ~ 1GHz

Radiation Emission Test Data			
Temperature:	23.4℃	Relative Humidity:	51%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC 3.8V	Test Mode	802.11g



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	P/F	Remark
1 *	82.6481	26.51	8.84	35.35	40.00	-4.65	QP	P	
2	90.8554	24.47	8.87	33.34	44.00	-10.66	QP	P	
3	117.7725	24.38	11.20	35.58	44.00	-8.42	QP	P	
4	148.9624	22.40	13.14	35.54	44.00	-8.46	QP	P	
5	186.4408	24.28	10.70	34.98	44.00	-9.02	QP	P	
6	222.1697	25.82	9.73	35.55	46.00	-10.45	QP	P	

Radiation Emission Test Data			
Temperature:	23.4℃	Relative Humidity:	51%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC 3.8V	Test Mode	802.11g



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	P/F	Remark
1 *	37.2854	22.47	13.04	35.51	40.00	-4.49	QP	P	
2 †	43.6584	22.17	13.24	35.41	40.00	-4.59	QP	P	
3 †	56.1974	21.49	12.90	34.39	40.00	-5.61	QP	P	
4	142.3243	22.33	12.63	34.96	44.00	-9.04	QP	P	
5	162.0413	19.24	13.15	32.39	44.00	-11.61	QP	P	
6	265.6757	22.03	11.83	33.86	46.00	-12.14	QP	P	

Remark: 1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)

2. Margin = Result - Limit

1GHz~25GHz

802.11b

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detect or Type
Low Channel:2412MHz									
V	4824.00	50.51	30.48	5.77	24.66	50.46	74.00	-23.54	Pk
V	4824.00	43.78	30.55	5.77	24.66	43.66	54.00	-10.34	AV
V	7236.00	53.14	30.33	6.32	24.55	53.68	74.00	-20.32	Pk
V	7236.00	43.68	30.33	6.32	24.55	44.22	54.00	-9.78	AV
V	9648.00	50.37	30.85	7.45	24.69	51.66	74.00	-22.34	Pk
V	9648.00	43.45	30.85	7.45	24.69	44.74	54.00	-9.26	AV
V	12060.00	52.22	31.02	8.99	25.57	55.76	74.00	-18.24	Pk
V	12060.00	43.44	31.02	8.99	25.57	46.98	54.00	-7.02	AV
H	4824.00	52.39	30.55	5.77	24.66	52.27	74.00	-21.73	Pk
H	4824.00	43.26	30.55	5.77	24.66	43.14	54.00	-10.86	AV
H	7236.00	52.51	30.33	6.32	24.55	53.05	74.00	-20.95	Pk
H	7236.00	43.41	30.33	6.32	24.55	43.95	54.00	-10.05	AV
H	9648.00	51.81	30.85	7.45	24.69	53.10	74.00	-20.90	Pk
H	9648.00	43.44	30.85	7.45	24.69	44.73	54.00	-9.27	AV
H	12060.00	51.20	31.02	8.99	25.57	54.74	74.00	-19.26	Pk
H	12060.00	43.61	31.02	8.99	25.57	47.15	54.00	-6.85	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detect or Type
Middle Channel:2437MHz									
V	4874.00	50.18	30.55	5.77	24.66	50.06	74.00	-23.94	Pk
V	4874.00	43.26	30.55	5.77	24.66	43.14	54.00	-10.86	AV
V	7311.00	52.68	30.33	6.32	24.55	53.22	74.00	-20.78	Pk
V	7311.00	43.94	30.33	6.32	24.55	44.48	54.00	-9.52	AV
V	9748.00	54.99	30.85	7.45	24.69	56.28	74.00	-17.72	Pk
V	9748.00	43.75	30.85	7.45	24.69	45.04	54.00	-8.96	AV
V	12185.00	51.99	31.02	8.99	25.57	55.53	74.00	-18.47	Pk

V	12185.00	43.77	31.02	8.99	25.57	47.31	54.00	-6.69	AV
H	4874.00	50.57	30.55	5.77	24.66	50.45	74.00	-23.55	Pk
H	4874.00	43.37	30.55	5.77	24.66	43.25	54.00	-10.75	AV
H	7311.00	54.35	30.33	6.32	24.55	54.89	74.00	-19.11	Pk
H	7311.00	43.70	30.33	6.32	24.55	44.24	54.00	-9.76	AV
H	9748.00	53.71	30.85	7.45	24.69	55.00	74.00	-19.00	Pk
H	9748.00	43.09	30.85	7.45	24.69	44.38	54.00	-9.62	AV
H	12185.00	53.21	31.02	8.99	25.57	56.75	74.00	-17.25	Pk
H	12185.00	43.82	31.02	8.99	25.57	47.36	54.00	-6.64	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amp lifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detect or Type
High Channel:2462MHz									
V	4924.00	51.38	30.55	5.77	24.66	51.26	74.00	-22.74	Pk
V	4924.00	43.97	30.55	5.77	24.66	43.85	54.00	-10.15	AV
V	7386.00	52.06	30.33	6.32	24.55	52.60	74.00	-21.40	Pk
V	7386.00	43.65	30.33	6.32	24.55	44.19	54.00	-9.81	AV
V	9848.00	51.96	30.85	7.45	24.69	53.25	74.00	-20.75	Pk
V	9848.00	43.54	30.85	7.45	24.69	44.83	54.00	-9.17	AV
V	12310.00	51.32	31.02	8.99	25.57	54.86	74.00	-19.14	Pk
V	12310.00	43.30	31.02	8.99	25.57	46.84	54.00	-7.16	AV
H	4924.00	53.62	30.55	5.77	24.66	53.50	74.00	-20.50	Pk
H	4924.00	43.20	30.55	5.77	24.66	43.08	54.00	-10.92	AV
H	7386.00	50.51	30.33	6.32	24.55	51.05	74.00	-22.95	Pk
H	7386.00	43.74	30.33	6.32	24.55	44.28	54.00	-9.72	AV
H	9848.00	50.99	30.85	7.45	24.69	52.28	74.00	-21.72	Pk
H	9848.00	43.03	30.85	7.45	24.69	44.32	54.00	-9.68	AV
H	12310.00	54.61	31.02	8.99	25.57	58.15	74.00	-15.85	Pk
H	12310.00	43.72	31.02	8.99	25.57	47.26	54.00	-6.74	AV

802.11g

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Low Channel:2412MHz									
V	4824.00	53.01	30.55	5.77	24.66	52.89	74.00	-21.11	Pk
V	4824.00	43.40	30.55	5.77	24.66	43.28	54.00	-10.72	AV
V	7236.00	50.35	30.33	6.32	24.55	50.89	74.00	-23.11	Pk
V	7236.00	43.75	30.33	6.32	24.55	44.29	54.00	-9.71	AV
V	9648.00	52.07	30.85	7.45	24.69	53.36	74.00	-20.64	Pk
V	9648.00	43.92	30.85	7.45	24.69	45.21	54.00	-8.79	AV
V	12060.00	54.63	31.02	8.99	25.57	58.17	74.00	-15.83	Pk
V	12060.00	43.09	31.02	8.99	25.57	46.63	54.00	-7.37	AV
H	4824.00	51.45	30.55	5.77	24.66	51.33	74.00	-22.67	Pk
H	4824.00	43.62	30.55	5.77	24.66	43.50	54.00	-10.50	AV
H	7236.00	50.31	30.33	6.32	24.55	50.85	74.00	-23.15	Pk
H	7236.00	43.77	30.33	6.32	24.55	44.31	54.00	-9.69	AV
H	9648.00	53.79	30.85	7.45	24.69	55.08	74.00	-18.92	Pk
H	9648.00	43.16	30.85	7.45	24.69	44.45	54.00	-9.55	AV
H	12060.00	52.11	31.02	8.99	25.57	55.65	74.00	-18.35	Pk
H	12060.00	43.75	31.02	8.99	25.57	47.29	54.00	-6.71	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Middle Channel:2437MHz									
V	4874.00	51.49	30.55	5.77	24.66	51.37	74.00	-22.63	Pk
V	4874.00	43.95	30.55	5.77	24.66	43.83	54.00	-10.17	AV
V	7311.00	52.32	30.33	6.32	24.55	52.86	74.00	-21.14	Pk
V	7311.00	43.11	30.33	6.32	24.55	43.65	54.00	-10.35	AV
V	9748.00	50.90	30.85	7.45	24.69	52.19	74.00	-21.81	Pk
V	9748.00	43.92	30.85	7.45	24.69	45.21	54.00	-8.79	AV
V	12185.00	50.70	31.02	8.99	25.57	54.24	74.00	-19.76	Pk
V	12185.00	43.24	31.02	8.99	25.57	46.78	54.00	-7.22	AV

H	4874.00	54.48	30.55	5.77	24.66	54.36	74.00	-19.64	Pk
H	4874.00	43.60	30.55	5.77	24.66	43.48	54.00	-10.52	AV
H	7311.00	52.45	30.33	6.32	24.55	52.99	74.00	-21.01	Pk
H	7311.00	43.12	30.33	6.32	24.55	43.66	54.00	-10.34	AV
H	9748.00	52.08	30.85	7.45	24.69	53.37	74.00	-20.63	Pk
H	9748.00	43.09	30.85	7.45	24.69	44.38	54.00	-9.62	AV
H	12185.00	54.49	31.02	8.99	25.57	58.03	74.00	-15.97	Pk
H	12185.00	43.21	31.02	8.99	25.57	46.75	54.00	-7.25	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amp lifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:2462MHz									
V	4924.00	52.25	30.55	5.77	24.66	52.13	74.00	-21.87	Pk
V	4924.00	43.12	30.55	5.77	24.66	43.00	54.00	-11.00	AV
V	7386.00	51.62	30.33	6.32	24.55	52.16	74.00	-21.84	Pk
V	7386.00	43.68	30.33	6.32	24.55	44.22	54.00	-9.78	AV
V	9848.00	53.52	30.85	7.45	24.69	54.81	74.00	-19.19	Pk
V	9848.00	43.82	30.85	7.45	24.69	45.11	54.00	-8.89	AV
V	12310.00	51.89	31.02	8.99	25.57	55.43	74.00	-18.57	Pk
V	12310.00	43.27	31.02	8.99	25.57	46.81	54.00	-7.19	AV
H	4924.00	52.58	30.55	5.77	24.66	52.46	74.00	-21.54	Pk
H	4924.00	43.01	30.55	5.77	24.66	42.89	54.00	-11.11	AV
H	7386.00	52.90	30.33	6.32	24.55	53.44	74.00	-20.56	Pk
H	7386.00	43.07	30.33	6.32	24.55	43.61	54.00	-10.39	AV
H	9848.00	51.18	30.85	7.45	24.69	52.47	74.00	-21.53	Pk
H	9848.00	43.89	30.85	7.45	24.69	45.18	54.00	-8.82	AV
H	12310.00	51.24	31.02	8.99	25.57	54.78	74.00	-19.22	Pk
H	12310.00	43.01	31.02	8.99	25.57	46.55	54.00	-7.45	AV

802.11n20

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Low Channel:2412MHz									
V	4824.00	50.86	30.55	5.77	24.66	50.74	74.00	-23.26	Pk
V	4824.00	43.11	30.55	5.77	24.66	42.99	54.00	-11.01	AV
V	7236.00	52.61	30.33	6.32	24.55	53.15	74.00	-20.85	Pk
V	7236.00	43.28	30.33	6.32	24.55	43.82	54.00	-10.18	AV
V	9648.00	51.94	30.85	7.45	24.69	53.23	74.00	-20.77	Pk
V	9648.00	44.00	30.85	7.45	24.69	45.29	54.00	-8.71	AV
V	12060.00	53.33	31.02	8.99	25.57	56.87	74.00	-17.13	Pk
V	12060.00	43.15	31.02	8.99	25.57	46.69	54.00	-7.31	AV
H	4824.00	53.04	30.55	5.77	24.66	52.92	74.00	-21.08	Pk
H	4824.00	43.72	30.55	5.77	24.66	43.60	54.00	-10.40	AV
H	7236.00	54.56	30.33	6.32	24.55	55.10	74.00	-18.90	Pk
H	7236.00	43.63	30.33	6.32	24.55	44.17	54.00	-9.83	AV
H	9648.00	54.15	30.85	7.45	24.69	55.44	74.00	-18.56	Pk
H	9648.00	43.39	30.85	7.45	24.69	44.68	54.00	-9.32	AV
H	12060.00	50.11	31.02	8.99	25.57	53.65	74.00	-20.35	Pk
H	12060.00	43.88	31.02	8.99	25.57	47.42	54.00	-6.58	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-ampl ifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
Middle Channel:2437MHz									
V	4874.00	54.44	30.55	5.77	24.66	54.32	74.00	-19.68	Pk
V	4874.00	43.02	30.55	5.77	24.66	42.90	54.00	-11.10	AV
V	7311.00	52.73	30.33	6.32	24.55	53.27	74.00	-20.73	Pk
V	7311.00	43.26	30.33	6.32	24.55	43.80	54.00	-10.20	AV
V	9748.00	53.42	30.85	7.45	24.69	54.71	74.00	-19.29	Pk
V	9748.00	43.90	30.85	7.45	24.69	45.19	54.00	-8.81	AV
V	12185.00	53.71	31.02	8.99	25.57	57.25	74.00	-16.75	Pk
V	12185.00	43.26	31.02	8.99	25.57	46.80	54.00	-7.20	AV

H	4874.00	50.88	30.55	5.77	24.66	50.76	74.00	-23.24	Pk
H	4874.00	43.41	30.55	5.77	24.66	43.29	54.00	-10.71	AV
H	7311.00	52.15	30.33	6.32	24.55	52.69	74.00	-21.31	Pk
H	7311.00	43.01	30.33	6.32	24.55	43.55	54.00	-10.45	AV
H	9748.00	51.55	30.85	7.45	24.69	52.84	74.00	-21.16	Pk
H	9748.00	43.52	30.85	7.45	24.69	44.81	54.00	-9.19	AV
H	12185.00	52.37	31.02	8.99	25.57	55.91	74.00	-18.09	Pk
H	12185.00	43.17	31.02	8.99	25.57	46.71	54.00	-7.29	AV

Polar (H/V)	Frequency (MHz)	Meter Reading (dBuV)	Pre-amp lifier (dB)	Cable Loss (dB)	Antenna Factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/ m)	Margin (dB)	Detect or Type
High Channel:2462MHz									
V	4924.00	52.52	30.55	5.77	24.66	52.40	74.00	-21.60	Pk
V	4924.00	43.65	30.55	5.77	24.66	43.53	54.00	-10.47	AV
V	7386.00	54.44	30.33	6.32	24.55	54.98	74.00	-19.02	Pk
V	7386.00	43.23	30.33	6.32	24.55	43.77	54.00	-10.23	AV
V	9848.00	50.24	30.85	7.45	24.69	51.53	74.00	-22.47	Pk
V	9848.00	43.10	30.85	7.45	24.69	44.39	54.00	-9.61	AV
V	12310.00	54.87	31.02	8.99	25.57	58.41	74.00	-15.59	Pk
V	12310.00	43.85	31.02	8.99	25.57	47.39	54.00	-6.61	AV
H	4924.00	53.78	30.55	5.77	24.66	53.66	74.00	-20.34	Pk
H	4924.00	43.96	30.55	5.77	24.66	43.84	54.00	-10.16	AV
H	7386.00	51.66	30.33	6.32	24.55	52.20	74.00	-21.80	Pk
H	7386.00	43.88	30.33	6.32	24.55	44.42	54.00	-9.58	AV
H	9848.00	51.53	30.85	7.45	24.69	52.82	74.00	-21.18	Pk
H	9848.00	43.67	30.85	7.45	24.69	44.96	54.00	-9.04	AV
H	12310.00	53.69	31.02	8.99	25.57	57.23	74.00	-16.77	Pk
H	12310.00	43.59	31.02	8.99	25.57	47.13	54.00	-6.87	AV

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss - Pre-amplifier,

Margin= Emission Level - Limit

2. If peak below the average limit, the average emission was no test.

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



Radiated Band Emission Measurement:

	Polar (H/V)	Frequenc y (MHz)	Meter Reading (dBuV)	Pre- amplifier (dB)	Cable Loss (dB)	Antenna Factor (dB/m)	Emission level (dBuV/m)	Limit (dBuV /m)	Detec tor Type	Result
802.11b	Low Channel 2412MHz									
	H	2390.00	53.41	30.22	4.85	23.98	52.02	74.00	Pk	PASS
	H	2390.00	44.25	30.22	4.85	23.98	42.86	54.00	AV	PASS
	H	2400.00	54.78	30.22	4.85	23.98	53.39	74.00	Pk	PASS
	H	2400.00	44.42	30.22	4.85	23.98	43.03	54.00	AV	PASS
	V	2390.00	54.05	30.22	4.85	23.98	52.66	74.00	Pk	PASS
	V	2390.00	44.67	30.22	4.85	23.98	43.28	54.00	AV	PASS
	V	2400.00	53.75	30.22	4.85	23.98	52.36	74.00	Pk	PASS
	V	2400.00	44.28	30.22	4.85	23.98	42.89	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	53.60	30.22	4.85	23.98	52.21	74.00	Pk	PASS
	H	2483.50	44.00	30.22	4.85	23.98	42.61	54.00	AV	PASS
	H	2500.00	54.06	30.22	4.85	23.98	52.67	74.00	Pk	PASS
	H	2500.00	44.78	30.22	4.85	23.98	43.39	54.00	AV	PASS
	V	2483.50	53.57	30.22	4.85	23.98	52.18	74.00	Pk	PASS
	V	2483.50	44.44	30.22	4.85	23.98	43.05	54.00	AV	PASS
	V	2500.00	54.91	30.22	4.85	23.98	53.52	74.00	Pk	PASS
	V	2500.00	44.51	30.22	4.85	23.98	43.12	54.00	AV	PASS
802.11g	Low Channel 2412MHz									
	H	2390.00	54.81	30.22	4.85	23.98	53.42	74.00	Pk	PASS
	H	2390.00	44.92	30.22	4.85	23.98	43.53	54.00	AV	PASS
	H	2400.00	53.23	30.22	4.85	23.98	51.84	74.00	Pk	PASS
	H	2400.00	44.92	30.22	4.85	23.98	43.53	54.00	AV	PASS
	V	2390.00	53.16	30.22	4.85	23.98	51.77	74.00	Pk	PASS
	V	2390.00	44.29	30.22	4.85	23.98	42.90	54.00	AV	PASS
	V	2400.00	53.28	30.22	4.85	23.98	51.89	74.00	Pk	PASS
	V	2400.00	44.91	30.22	4.85	23.98	43.52	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	53.52	30.22	4.85	23.98	52.13	74.00	Pk	PASS
	H	2483.50	44.60	30.22	4.85	23.98	43.21	54.00	AV	PASS
	H	2500.00	53.11	30.22	4.85	23.98	51.72	74.00	Pk	PASS

	H	2500.00	44.22	30.22	4.85	23.98	42.83	54.00	AV	PASS
	V	2483.50	54.10	30.22	4.85	23.98	52.71	74.00	Pk	PASS
	V	2483.50	44.33	30.22	4.85	23.98	42.94	54.00	AV	PASS
	V	2500.00	54.51	30.22	4.85	23.98	53.12	74.00	Pk	PASS
	V	2500.00	44.06	30.22	4.85	23.98	42.67	54.00	AV	PASS
802.11 n20	Low Channel 2412MHz									
	H	2390.00	53.56	30.22	4.85	23.98	52.17	74.00	Pk	PASS
	H	2390.00	44.74	30.22	4.85	23.98	43.35	54.00	AV	PASS
	H	2400.00	54.67	30.22	4.85	23.98	53.28	74.00	Pk	PASS
	H	2400.00	44.80	30.22	4.85	23.98	43.41	54.00	AV	PASS
	V	2390.00	54.94	30.22	4.85	23.98	53.55	74.00	Pk	PASS
	V	2390.00	44.30	30.22	4.85	23.98	42.91	54.00	AV	PASS
	V	2400.00	53.86	30.22	4.85	23.98	52.47	74.00	Pk	PASS
	V	2400.00	44.88	30.22	4.85	23.98	43.49	54.00	AV	PASS
	High Channel 2462MHz									
	H	2483.50	53.52	30.22	4.85	23.98	52.13	74.00	Pk	PASS
	H	2483.50	44.07	30.22	4.85	23.98	42.68	54.00	AV	PASS
	H	2500.00	53.21	30.22	4.85	23.98	51.82	74.00	Pk	PASS
	H	2500.00	44.62	30.22	4.85	23.98	43.23	54.00	AV	PASS
	V	2483.50	54.42	30.22	4.85	23.98	53.03	74.00	Pk	PASS
	V	2483.50	44.95	30.22	4.85	23.98	43.56	54.00	AV	PASS
	V	2500.00	54.37	30.22	4.85	23.98	52.98	74.00	Pk	PASS
	V	2500.00	44.41	30.22	4.85	23.98	43.02	54.00	AV	PASS

Remark:

1. Emission Level = Meter Reading + Antenna Factor + Cable Loss - Pre-amplifier,

Margin= Emission Level - Limit

2. If peak below the average limit, the average emission was no test.

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

4. Conducted Spurious Emissions

4.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247,
Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02;
ANSI C63.10-2020+Cor.1-2023
Test Result: PASS

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.2.Test Setup



4.3.Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;
 2. Set the spectrum analyzer:
 - a) Set instrument center frequency to DTS channel center frequency.
 - b) Set the span to _ 1.5 times the DTS bandwidth.
 - c) Set the RBW = 100 kHz.
 - d) Set the VBW _ [3 × RBW].
 - e) Detector = peak.
 - f) Sweep time = auto couple.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - i) Use the peak marker function to determine the maximum PSD level.
- Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

4.4.Test Result

Test plot please see the attachment for 2.4GWIFI data.

5. Band Edge Measurement

5.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247,

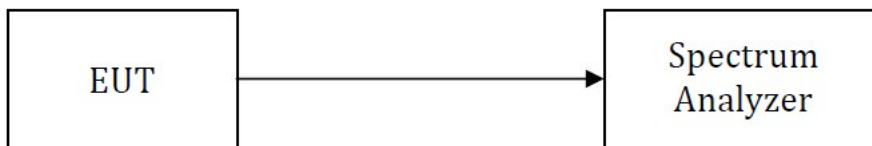
Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02;

ANSI C63.10-2020+Cor.1-2023

Test Limit: Regulation 15.247 (d), In any 100 kHz bandwidth outside the frequency band which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Mode: Transmitting

5.2.Test setup



5.3.Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

5.4.Test Result

Test plot please see the attachment for 2.4GWIFI data.

6. -6 dB Bandwidth and 99% Bandwidth Measurement

6.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247,

Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10-2020+Cor.1-2023

6.2.Test Setup



6.3.Test Procedure

For DTS Bandwidth ANSI C63.10 2020 Section 11.8.1

The steps for the first option are as follows:

- Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- Set the VBW $\geq [3 \times \text{RBW}]$.
- Detector = peak.
- Trace mode = max-hold.
- Sweep = No faster than coupled (auto) time.
- Allow the trace to stabilize.
- Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value.

For 99% Bandwidth, ANSI C63.10 2020 Section 6.9.3

Occupied bandwidth-power bandwidth (99%) measurement procedure

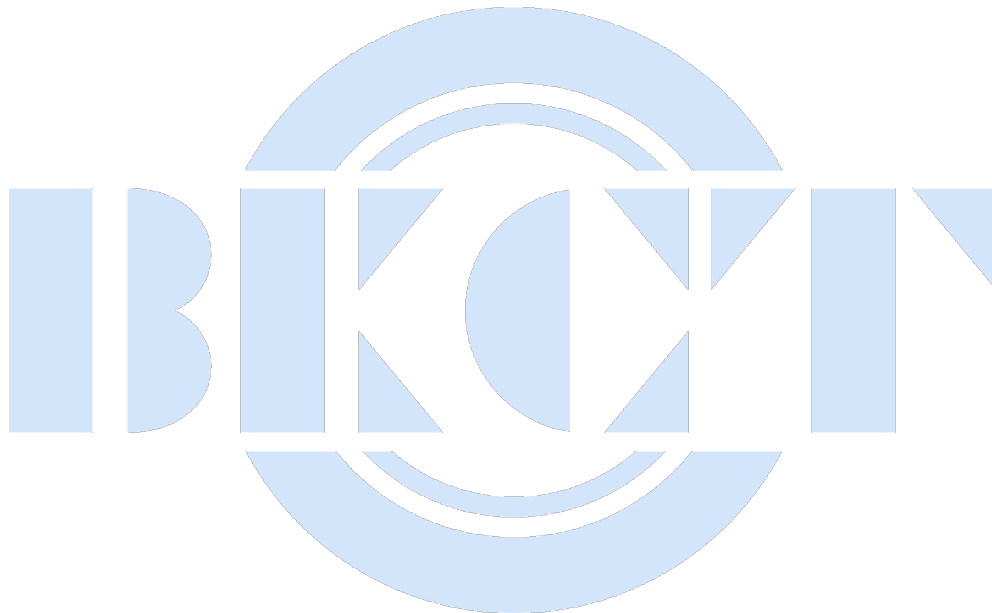
The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

The following procedure shall be used for measuring 99% power bandwidth:

- The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.
- Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (\text{OBW}/\text{RBW})]$ below the reference level. Specific guidance is given in 4.1.6.2.
- Step a) through step c) might require iteration to adjust within the specified range.
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
- Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

6.4. Test Result

Test plot please see the attachment for 2.4GWIFI data.



7. Maximum Output Power

7.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247,
Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02;
ANSI C63.10-2020+Cor.1-2023

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Output Power	1 watt or 30dBm	2400-2483.5	PASS

7.2.Test Setup



7.3.Test Procedure

Method AVGPM is a measurement using an RF average power meter, as follows:

a) .

As an alternative to spectrum analyzer or EMI receiver measurements, measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent (see Figure 24) if all of the conditions listed below are satisfied:

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal as described in 11.6.
- c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- d) Correct the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.

7.4.Test Result

Test plot Please see the attachment for 2.4GWIFI data.

8. Power Spectral Density

8.1.Limit

Test Requirement: FCC CFR47 Part 15 Section 15.247,

Test Method: KDB 558074 D01 15.247 Meas Guidance v05r02; ANSI C63.10-2020+Cor.1-2023

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247	Power Spectral Density	8dBm/3kHz	2400-2483.5	PASS

8.2.Test Setup



8.3.Test Procedure

KDB 558074 D01 15.247 Meas Guidance v05r02;

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum.
2. Set instrument center frequency to DTS channel center frequency
3. Set span to > 1.5 times the OBW.
4. Set RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
5. Set VBW $\geq [3 \times \text{RBW}]$
6. Detector = power averaging (rms) or sample detector (when rms not available).
7. Ensure that the number of measurement points in the sweep $\geq [2 \times \text{span} / \text{RBW}]$.
8. Sweep time = auto couple.
9. Employ trace averaging (rms) mode over a minimum of 100 traces.
10. Use the peak marker function to determine the maximum amplitude level.
11. If the measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat(note that this might require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).
12. Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. The limit is specified in one of the subparagraphs of this Section Submit this plot.

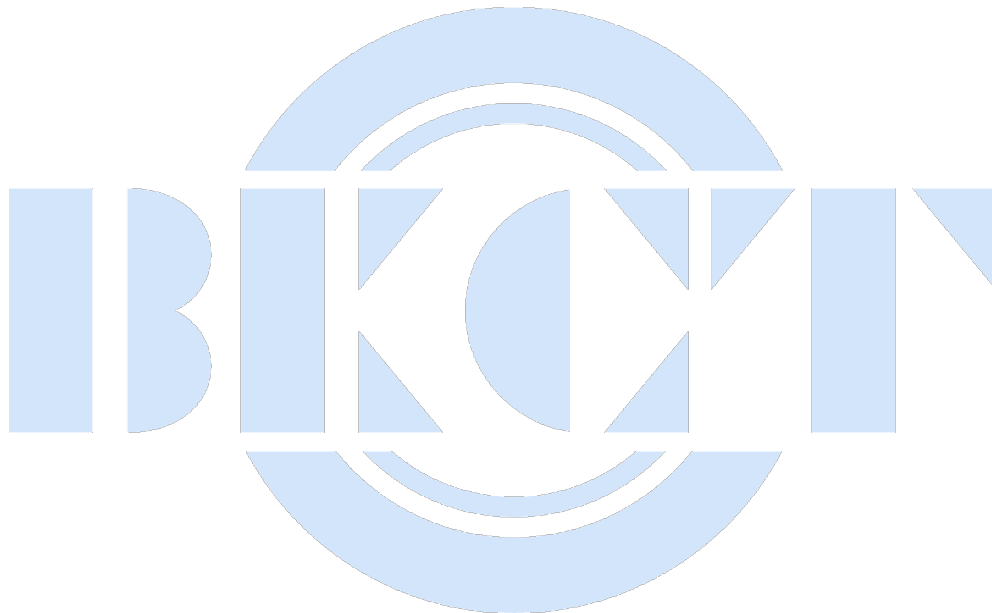
8.4.Test Result

Test plot please see the attachment for 2.4GWIFI data.

9. Antenna Requirement

According to the FCC Part 15 Paragraph 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. This product has an integrated antenna fulfill the requirement of this section.

According to the , 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. This product has an integrated antenna fulfill the requirement of this section.



10. Test Photographs

Please see the attachment for Appendix I Test Photos.

Appendix II: Photos of the EUT

Please see the attachment for Appendix II External Photos and Appendix II Internal Photos.

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

