



RF Test Report

FCC ID: 2BCFY-ERO1BE

Test Report No.: RF250516014-02-001

Product(s) Name: Wireless Home Mesh

Model(s): ERO1BE

Trade Mark: HEIGHTS

Applicant: HEIGHTS TELECOM T LTD

Address: Ha-Sakhlav 6,7680900 Irus, Israel

Receipt Date: 2025.06.20

Test Date: 2025.09.15~2025.09.16

Issued Date: 2025.09.16

Standards: 47 CFR FCC Part 15, Subpart C(Section 15.247)
ANSI C63.10:2013

Testing Laboratory: Shenzhen Haiyun Standard Technical Co., Ltd.

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REPORT ISSUED HISTORY

Original Report Issue Date: 2025.09.16

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1.. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247(a)(2)	Bandwidth	APPENDIX E	N/A	Note(4)
15.247(b)(3)	Maximum Output Power	APPENDIX F	N/A	Note(4)
15.247(d)	Conducted Spurious Emission	APPENDIX G	N/A	Note(4)
15.247(e)	Power Spectral Density	APPENDIX H	N/A	Note(4)
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

- (1) "N/A" denotes test is not applicable to this device.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
- (3) Model ERO1BE makes change based on Model ERO1BEM PRO, The structure remains unchanged, with the hardware removing the 6G WiFi component. Change 2 PHY from 10G to 2.5G, bit number GU1, GU2:2010060005381021 (10G PHY) to 2010060005331021 (2.5G PHY), bit number T2, T3:210010015252044 (10G network transformer) to 2100100012532044 (2.5G network transformer). Comes with a 2A adapter.
- (4) After evaluation, only the AC Power Line Conducted Emissions and Radiated Emissions were tested. The remaining data refer to the report RF250516014-01-001 of model ERO1BEM PRO

1.1. TEST FACILITY

Company:	Shenzhen Haiyun Standard Technical Co., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier	CN0145
A2LA Certificate Number	6823.01
Telephone:	0755-26024411

1.2. MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	±102kHz
RF power conducted	±0.243dB
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
Conducted emission(9kHz~30MHz) AC main	±2.68dB
Radiated emission(9kHz~30MHz)	±3.50dB
Radiated emission (30MHz~1GHz)	±4.20dB
Radiated emission (1GHz~18GHz)	±5.10dB
Radiated emission (18GHz~40GHz)	±5.26dB

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3. TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	23.4°C	54%	AC 120V/60Hz	Keith Huang
Radiated Emissions-9 kHz to 30 MHz	23.2°C	49%	AC 120V/60Hz	Lemon He
Radiated Emissions-30 MHz to 1000 MHz	23.2°C	49%	AC 120V/60Hz	Lemon He
Radiated Emissions-Above 1000 MHz	23.2°C	49%	AC 120V/60Hz	Lemon He

Note: Adapter supply voltage AC 120V/60Hz.
The applicant declare the operating environment of EUT as below:
Normal conditions: DC 12V, 0~40°C

2.. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF EUT

Product No.	POC250516014-S004
Product Name	Wireless Home Mesh
Model Name	ERO1BE
Model differences	Model ERO1BE makes change based on Model ERO1BEM PRO, The structure remains unchanged, with the hardware removing the 6G WiFi component. Change 2 PHY from 10G to 2.5G, bit number GU1, GU2:2010060005381021 (10G PHY) to 2010060005331021 (2.5G PHY), bit number T2, T3:210010015252044 (10G network transformer) to 2100100012532044 (2.5G network transformer). Comes with a 2A adapter.
Trade Mark	HEIGHTS
Power Supply	DC 12V from adapter
Adapter Information	SOY-1200200US-539 Input: 100-240V~ 50/60Hz 0.6A Max Output: DC 12.0V/2A
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Type	GFSK
Bit Rate of Transmitter	1Mbps, 2Mbps
Max. Output Power	ANT1: 8.06 dBm(0.0064W) ANT2: 8.27 dBm(0.0067W)
Antenna gain	ANT 1: 3.97dBi ANT 2: 3.83dBi
Antenna type	PCB antenna

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.



海蕴
HAIYUN

2. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

2.2. DESCRIPTION OF TEST MODES

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Test Mode	Description
Mode 1	AP Router Mode + LAN data transmitting + 10G LAN data transmitting
Mode 2	AP Router Mode + LAN data transmitting + 10G WAN data transmitting

Radiated emissions test – Below 1GHz	
Test Mode	Description
Mode 1	AP Router Mode + LAN data transmitting + 10G LAN data transmitting
Mode 2	AP Router Mode + LAN data transmitting + 10G WAN data transmitting

Radiated emissions test – Above 1GHz	
Test Mode	Description
Mode 3	TX Mode_1Mbps Channel 00/19/39
Mode 4	TX Mode_2Mbps Channel 00/19/39

Conducted test	
Test Mode	Description
Mode 3	TX Mode_1Mbps Channel 00/19/39
Mode 4	TX Mode_2Mbps Channel 00/19/39

Note:

- (1) For radiated emission above 1 GHz test, the spurious points of 1GHz~18GHz and 18GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (2) For AC power line conducted emissions and radiated emissions below 1 GHz test, the Mode2 is found to be the worst case and recorded.



2.3. PARAMETERS OF TEST SOFTWARE

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	accessMTool_REL_3_3_0_6		
Frequency (MHz)	2402	2440	2480
1Mbps	20	20	20
2Mbps	20	20	20

2.4. SUPPORT UNITS

Support Equipment				
No.	Equipment	Model Name	Manufacturer	Remarks
1	Microcomputer	TY510S-071AB	LENOVO	YLX2QPQJ
2	Microcomputer	TY510S-071AB	LENOVO	YLX2QPM7
3	Microcomputer	M4600t-N000	LENOVO	M703V3VF

3.. AC POWER LINE CONDUCTED EMISSIONS

3.1. LIMIT

Frequency of Emission (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

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.

3.2. TEST PROCEDURE

- a. 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.
- b. 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.
- c. 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.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

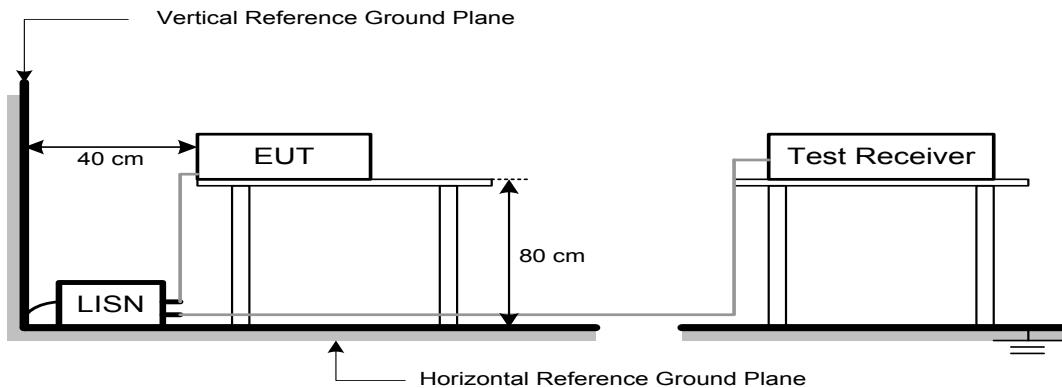
Receiver Parameters	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.3. DEVIATION FROM TEST STANDARD

No deviation.



3.4. TEST SETUP



3.5. 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.

3.6. TEST RESULTS

Please refer to the APPENDIX A.

Remark:

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』 . If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform. In this case, a “ * ” marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150 kHz to 30 MHz.



4.. RADIATED EMISSIONS

4.1. LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

Frequency (MHz)	Field Strength (microvolts/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 1000 MHz)

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

Note:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

4.2. TEST PROCEDURE

- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1 GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

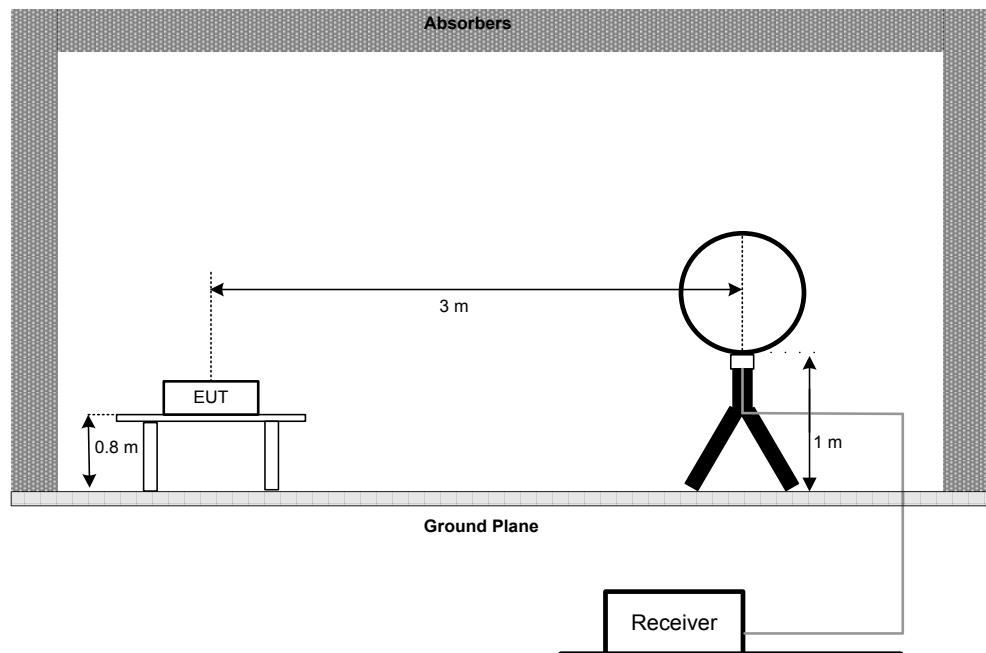


4.3. DEVIATION FROM TEST STANDARD

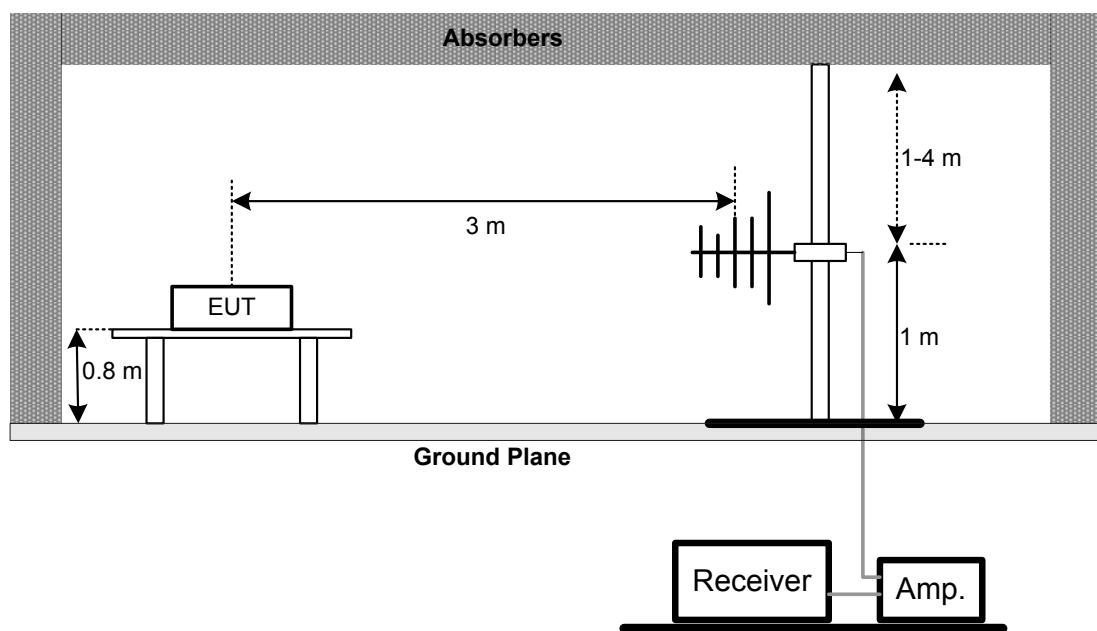
No deviation.

4.4. TEST SETUP

9 kHz to 30 MHz

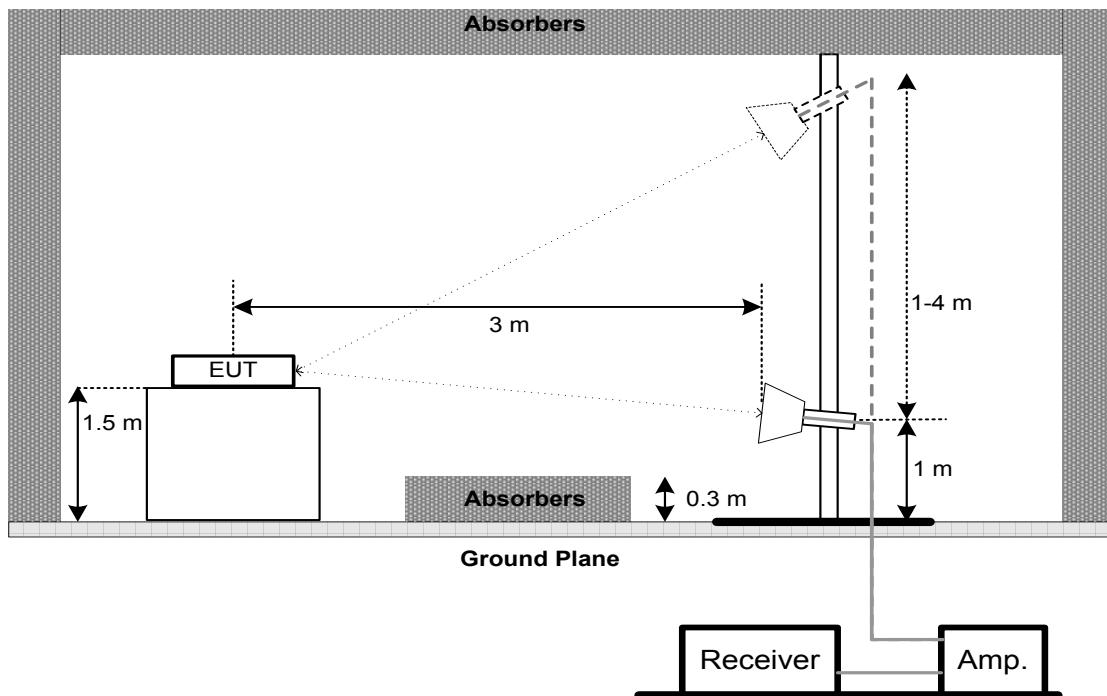


30 MHz to 1 GHz





Above 1 GHz



4.5. EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6. TEST RESULT - 9 kHz TO 30 MHz

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7. TEST RESULT - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

4.8. TEST RESULT - ABOVE 1000 MHz

Please refer to the APPENDIX D.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.



5.. MEASUREMENT INSTRUMENTS LIST

No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
Radiated Emission							
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2025/3/1	2026/2/28
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2026/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2025/3/1	2026/2/28
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2025/3/1	2026/2/28
5	Horn Antenna	SCHWARZBECK	BBHA 9120 D	02670	JLE028	2025/4/12	2026/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2025/4/15	2026/4/14
7	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	SCHWARZBECK	FMZB1519B	00029	JLE030	2024/7/15	2027/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2025/3/1	2026/2/28
10	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
Conducted Emission							
1	LISN	Rohde&Schwarz	ENV216	100075	JLE002	2025/3/1	2026/2/28
2	ISN	Schwarzbeck	CATE 5 8158	#171	JLE003	2025/2/21	2026/2/20
3	ISN	Schwarzbeck	CAT 3 8158	00187	JLE032	2025/2/21	2026/2/20
4	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2025/3/1	2026/2/28
5	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2025/3/1	2026/2/28
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE020	2025/4/15	2026/4/14
7	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
RF Conducted Emissions							
1	MXA Signal Analyzer	Keysight	N9021B	MY6008016 9	JLE050	2025/3/1	2026/2/28
2	RF Control Unit	dsusoft	JS0806-2	21G8060449	JLE053	2025/3/1	2026/2/28
3	power supply unit	dsusoft	JS0806-4ADC	N/A	JLE055	2025/3/1	2026/2/28
4	VXG Signal Generator	Keysight	M9384B	MY6127078 7	JLE051	2025/6/10	2026/6/09
5	EXG Analog Signal Generator	Keysight	N5173B	MY5910128 2	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K 50-116064-D t	JLE054	2025/3/1	2026/2/28
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				



6.. ANTENNA REQUIREMENT

Test standard: FCC part 15.203

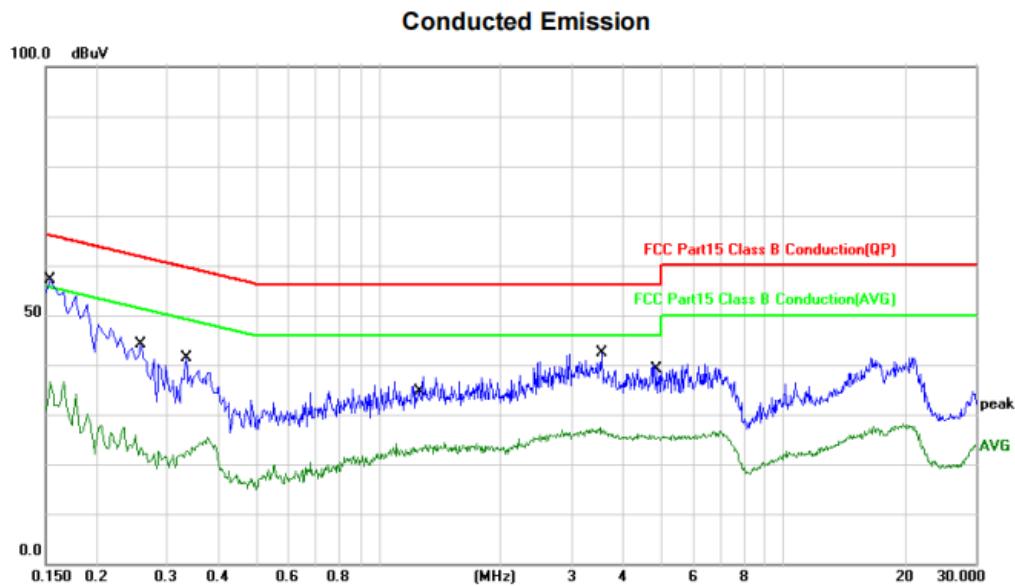
According to the manufacturer declared, the EUT has two PCB antenna, the antenna gain is Ant 1: 3.97dBi, Ant2: 3.83dBi, and the antenna connector is designed for permanent connection without considering replacement.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Mode 2	Phase	Line
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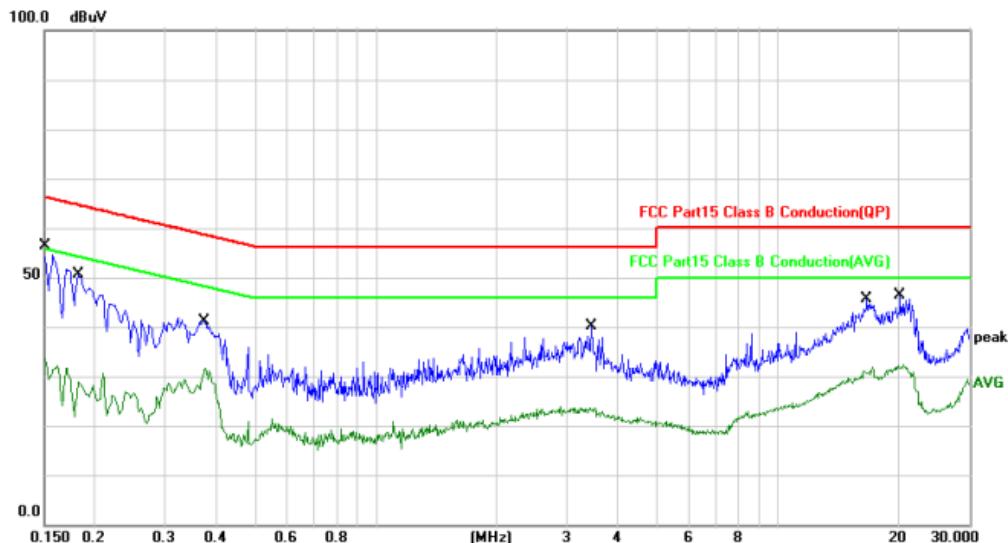
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
			Level	Factor	ment					Degree
		MHz	dBuV	dB	dBuV	dB	Detector	cm	degree	Comment
1 *		0.1537	32.02	19.50	51.52	65.80	-14.28	QP		
2		0.1537	12.65	19.50	32.15	55.80	-23.65	AVG		
3		0.2596	15.78	19.53	35.31	61.44	-26.13	QP		
4		0.2596	1.48	19.53	21.01	51.44	-30.43	AVG		
5		0.3323	12.51	19.52	32.03	59.39	-27.36	QP		
6		0.3323	3.16	19.52	22.68	49.39	-26.71	AVG		
7		1.2573	8.23	19.72	27.95	56.00	-28.05	QP		
8		1.2573	2.73	19.72	22.45	46.00	-23.55	AVG		
9		3.5540	10.42	20.54	30.96	56.00	-25.04	QP		
10		3.5540	4.37	20.54	24.91	46.00	-21.09	AVG		
11		4.8631	8.39	20.35	28.74	56.00	-27.26	QP		
12		4.8631	3.51	20.35	23.86	46.00	-22.14	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Mode 2	Phase	Neutral
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Conducted Emission



No.	Mk.	Freq. MHz	Reading Level	Correct Factor	Measure- ment	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
			dBuV	dB	dBuV					
1 *		0.1503	31.94	19.70	51.64	65.98	-14.34	QP		
2		0.1503	13.19	19.70	32.89	55.98	-23.09	AVG		
3		0.1833	26.50	19.70	46.20	64.33	-18.13	QP		
4		0.1833	6.66	19.70	26.36	54.33	-27.97	AVG		
5		0.3747	18.70	19.70	38.40	58.40	-20.00	QP		
6		0.3747	10.78	19.70	30.48	48.40	-17.92	AVG		
7		3.4671	9.13	20.25	29.38	56.00	-26.62	QP		
8		3.4671	1.91	20.25	22.16	46.00	-23.84	AVG		
9		16.7155	17.29	20.55	37.84	60.00	-22.16	QP		
10		16.7155	8.48	20.55	29.03	50.00	-20.97	AVG		
11		20.1685	16.18	20.34	36.52	60.00	-23.48	QP		
12		20.1685	10.00	20.34	30.34	50.00	-19.66	AVG		

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.



APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

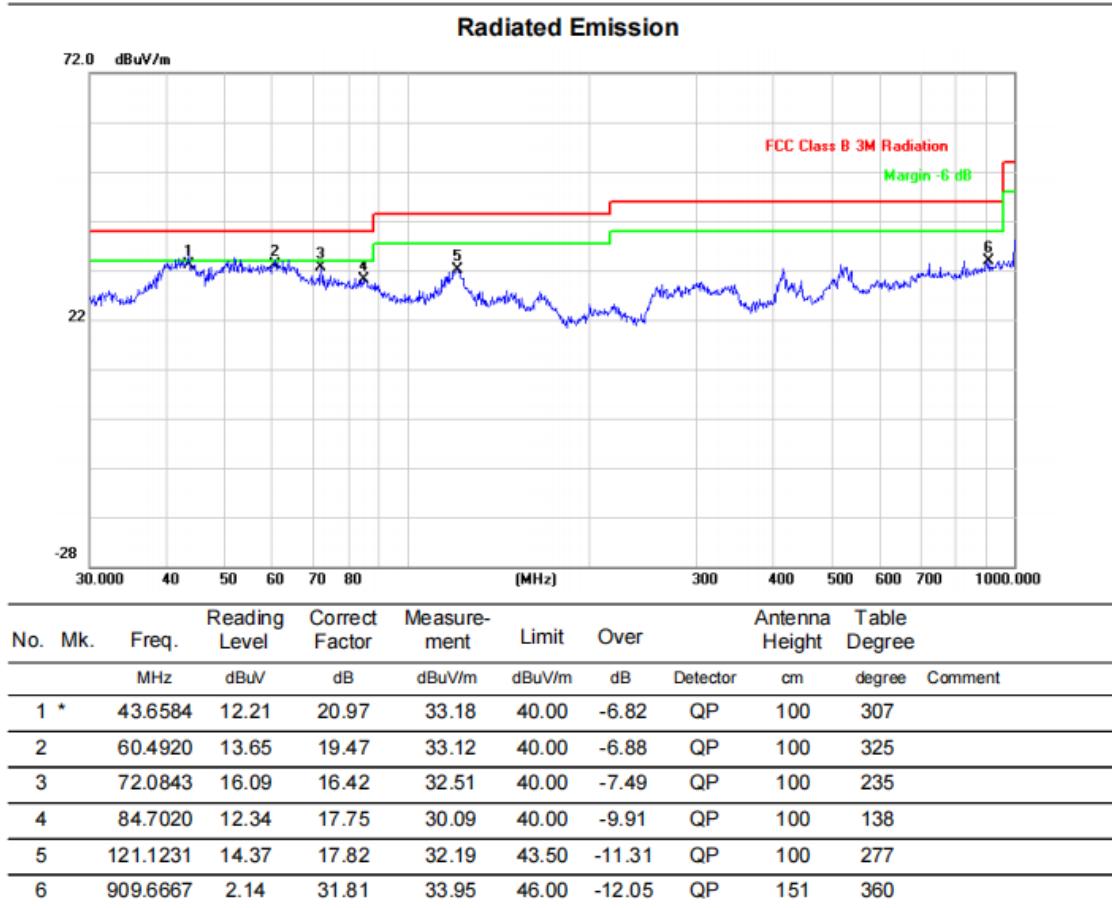
Radiated emission: 9KHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

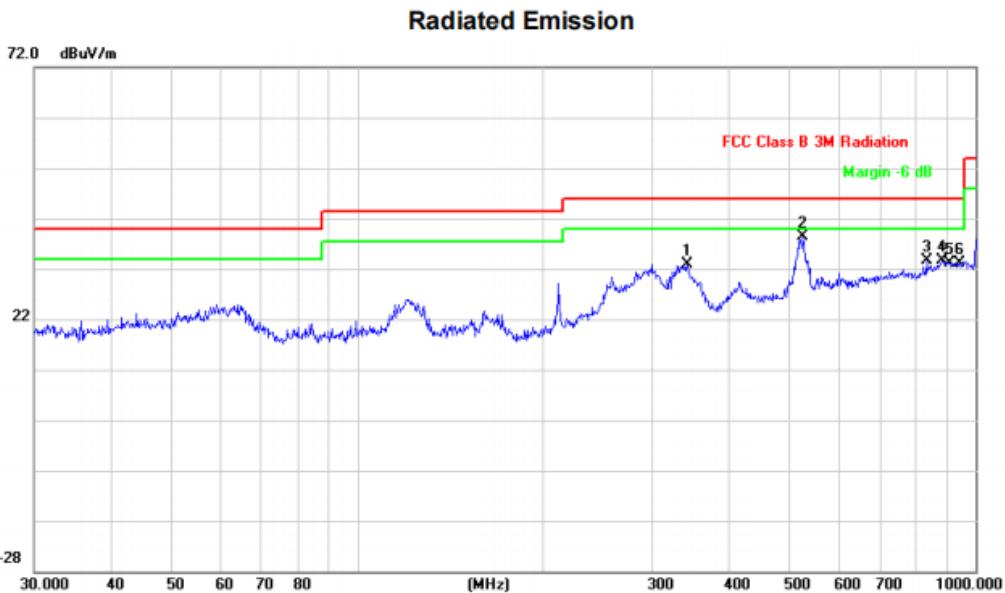
Test Mode	Mode 2	Polarization	Vertical
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REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	Mode 2	Polarization	Horizontal
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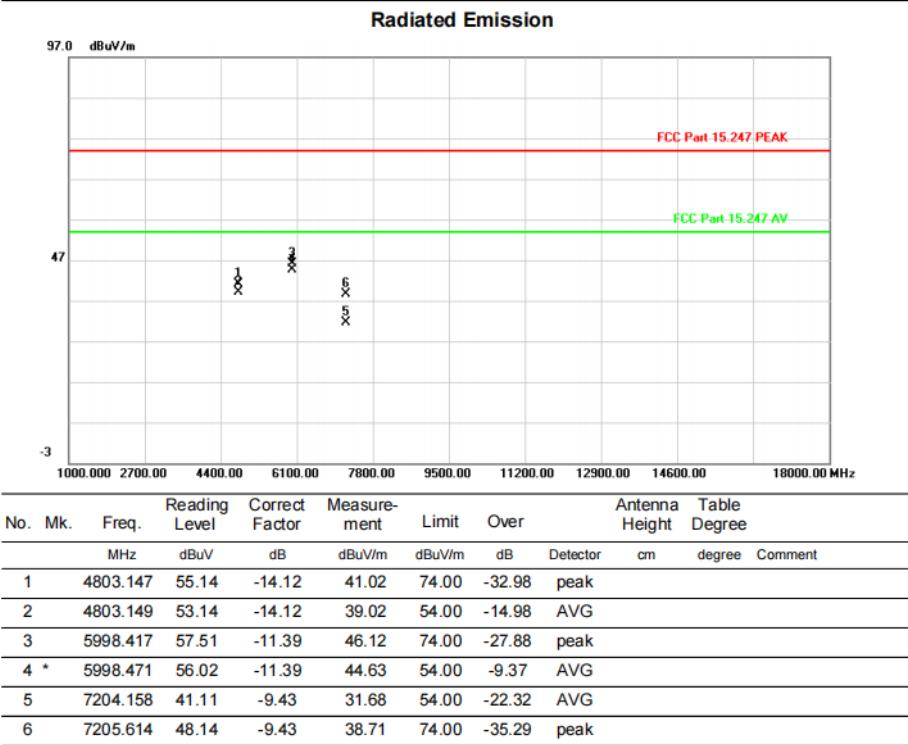
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		341.9786	9.35	23.55	32.90	46.00	-13.10	QP	100	175	
2 *		526.3967	11.73	26.63	38.36	46.00	-7.64	QP	138	360	
3		833.3171	2.76	30.85	33.61	46.00	-12.39	QP	200	87	
4		881.4067	2.05	31.55	33.60	46.00	-12.40	QP	100	126	
5		906.4824	1.47	31.77	33.24	46.00	-12.76	QP	200	243	
6		942.1305	1.32	31.76	33.08	46.00	-12.92	QP	120	360	

REMARKS:

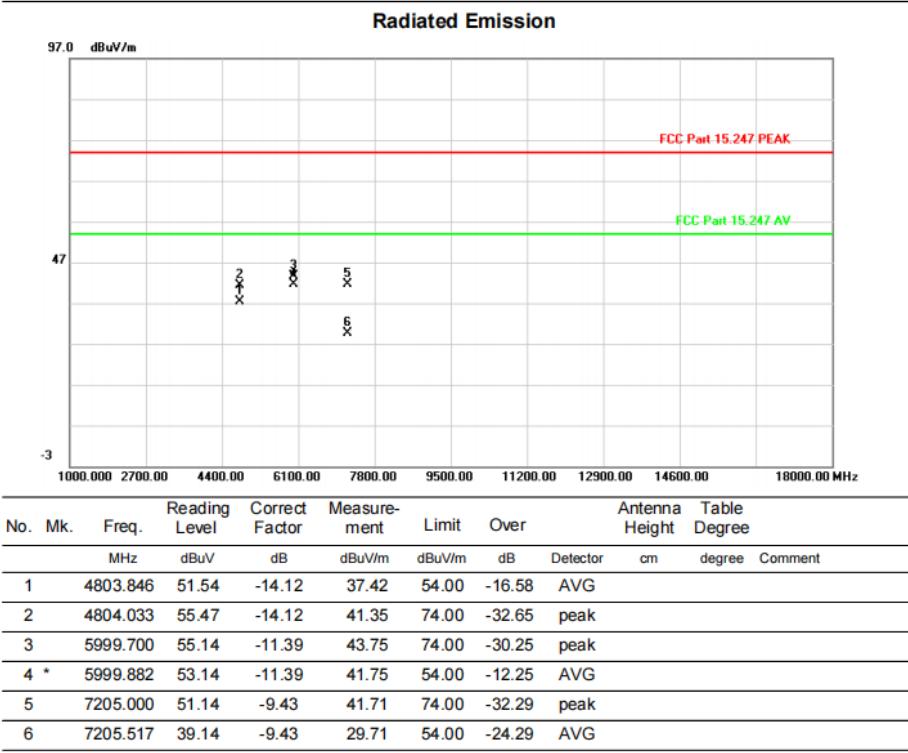
(1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Mode	TX 2402 MHz_1Mbps_ANT 1	Polarization	Vertical
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Test Mode	TX 2402 MHz_1Mbps_ANT 1	Polarization	Horizontal
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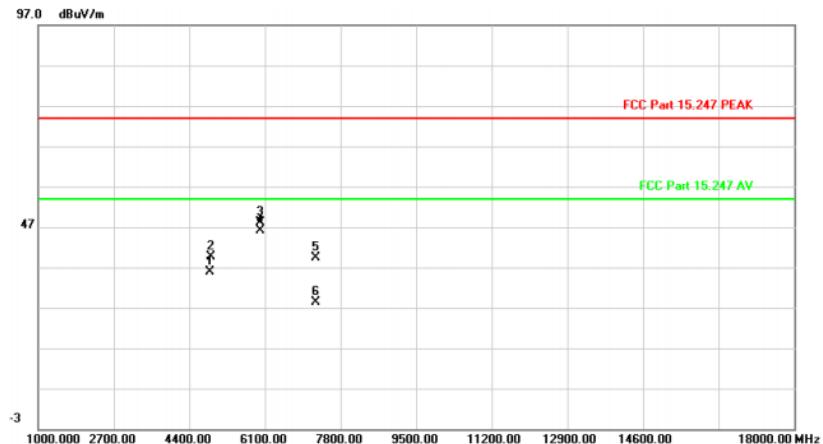




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Test Mode	TX 2440 MHz _1Mbps_ANT 1	Polarization	Vertical
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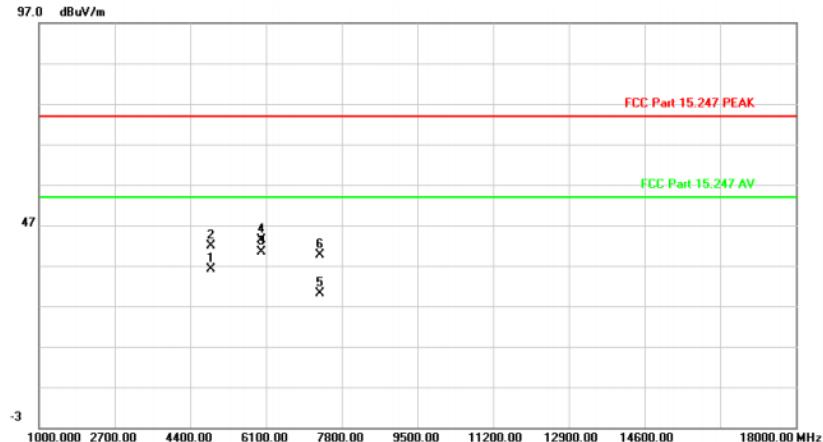
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Antenna	Table		
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm
1		4871.514	49.54	-13.78	35.76	54.00	-18.24	AVG	
2		4879.517	53.47	-13.74	39.73	74.00	-34.27	peak	
3		5994.214	59.58	-11.40	48.18	74.00	-25.82	peak	
4 *		5995.581	57.64	-11.40	46.24	54.00	-7.76	AVG	
5		7237.224	48.64	-9.33	39.31	74.00	-34.69	peak	
6		7254.818	37.58	-9.28	28.30	54.00	-25.70	AVG	

Test Mode	TX 2440 MHz _1Mbps_ANT 1	Polarization	Horizontal
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Radiated Emission



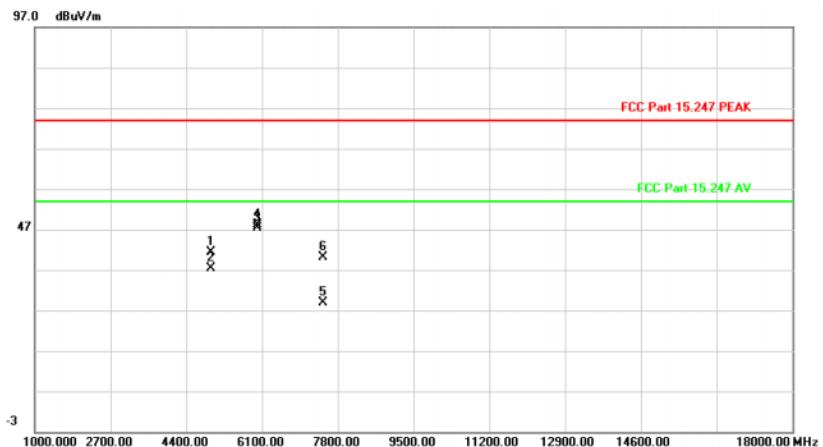
No.	Mk.	Freq.	Reading	Correct	Measure-	Antenna	Table		
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm
1		4871.528	49.82	-13.78	36.04	54.00	-17.96	AVG	
2		4875.647	55.55	-13.76	41.79	74.00	-32.21	peak	
3 *		5997.482	51.71	-11.39	40.32	54.00	-13.68	AVG	
4		5997.528	54.85	-11.39	43.46	74.00	-30.54	peak	
5		7321.552	39.17	-9.07	30.10	54.00	-23.90	AVG	
6		7322.157	48.71	-9.07	39.64	74.00	-34.36	peak	



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Test Mode	TX 2480 MHz_1Mbps_ANT 1	Polarization	Vertical
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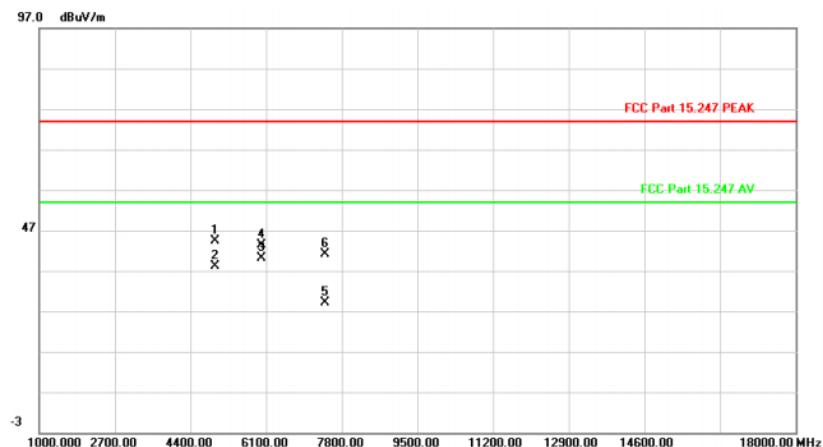
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4957.828	54.64	-13.35	41.29	74.00	-32.71	peak			
2		4958.817	50.65	-13.35	37.30	54.00	-16.70	AVG			
3 *		5997.581	58.74	-11.39	47.35	54.00	-6.65	AVG			
4		5998.518	59.55	-11.39	48.16	74.00	-25.84	peak			
5		7468.615	37.48	-8.62	28.86	54.00	-25.14	AVG			
6		7469.580	48.71	-8.61	40.10	74.00	-33.90	peak			

Test Mode	TX 2480 MHz_1Mbps_ANT 1	Polarization	Horizontal
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Radiated Emission



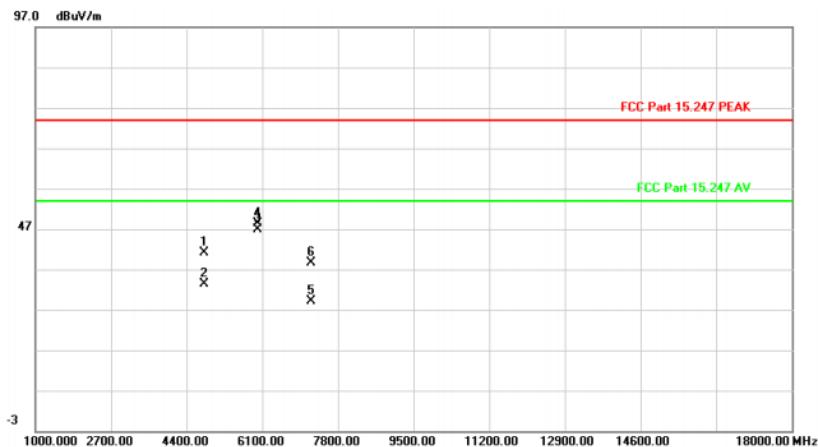
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	Comment	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4958.714	57.64	-13.35	44.29	74.00	-29.71	peak			
2		4958.715	51.52	-13.35	38.17	54.00	-15.83	AVG			
3 *		5997.580	51.58	-11.39	40.19	54.00	-13.81	AVG			
4		5999.710	54.71	-11.39	43.32	74.00	-30.68	peak			
5		7435.820	37.92	-8.72	29.20	54.00	-24.80	AVG			
6		7435.917	49.82	-8.72	41.10	74.00	-32.90	peak			



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Test Mode	TX 2402 MHz_2Mbps_ANT 1	Polarization	Vertical
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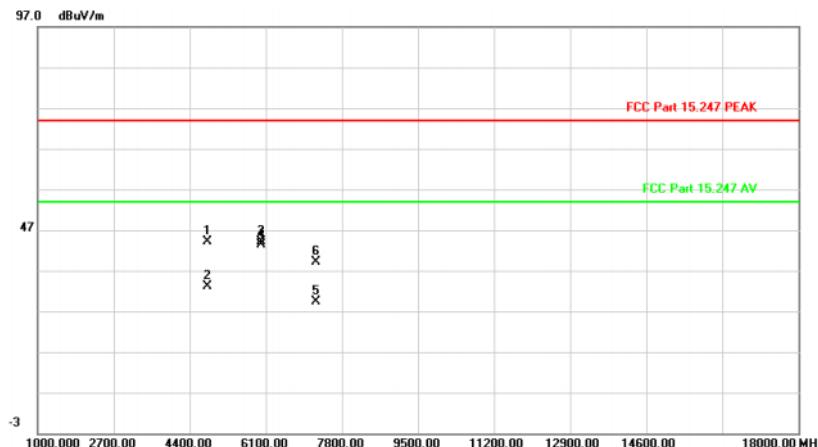
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4803.417	55.14	-14.12	41.02	74.00	-32.98	peak		
2		4802.614	47.46	-14.13	33.33	54.00	-20.67	AVG		
3 *		5997.155	58.21	-11.39	46.82	54.00	-7.18	AVG		
4		5997.584	59.71	-11.39	48.32	74.00	-25.68	peak		
5		7205.155	38.47	-9.43	29.04	54.00	-24.96	AVG		
6		7206.114	48.15	-9.43	38.72	74.00	-35.28	peak		

Test Mode	TX 2402 MHz_2Mbps_ANT 1	Polarization	Horizontal
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Radiated Emission



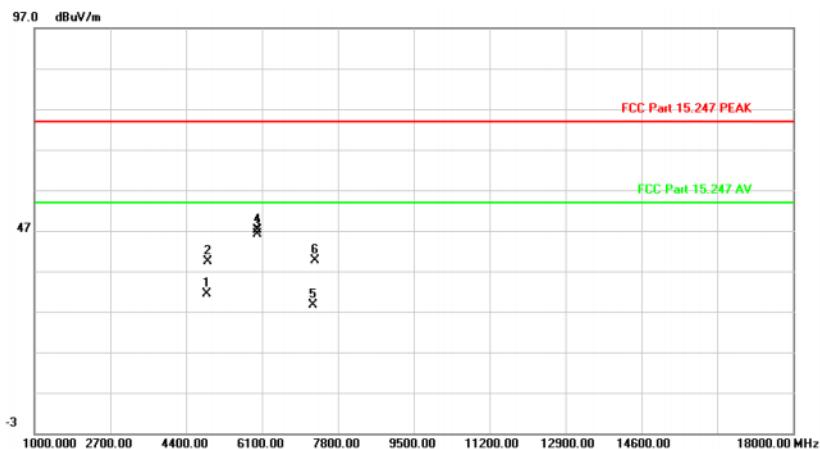
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4801.241	58.14	-14.13	44.01	74.00	-29.99	peak		
2		4802.547	47.22	-14.13	33.09	54.00	-20.91	AVG		
3		5997.517	55.47	-11.39	44.08	74.00	-29.92	peak		
4 *		5998.150	54.65	-11.39	43.26	54.00	-10.74	AVG		
5		7214.610	38.71	-9.40	29.31	54.00	-24.69	AVG		
6		7215.741	48.51	-9.40	39.11	74.00	-34.89	peak		



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Test Mode	TX 2440 MHz _2Mbps_ANT 1	Polarization	Vertical
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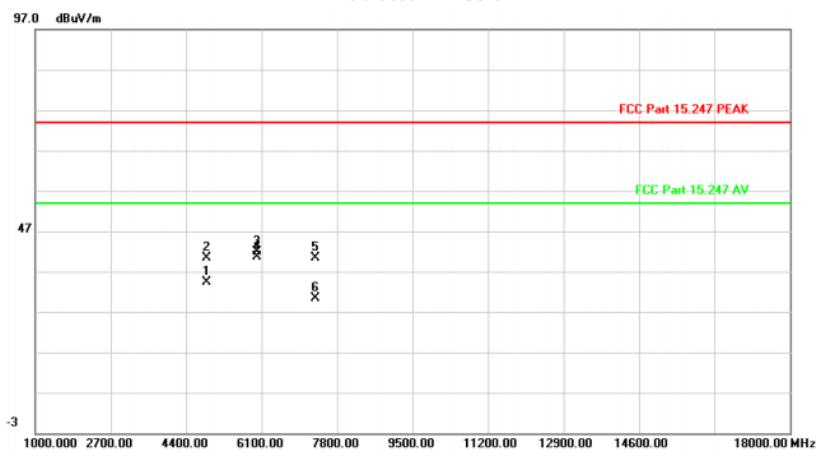
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4871.255	45.21	-13.78	31.43	54.00	-22.57	AVG	
2		4878.571	53.22	-13.75	39.47	74.00	-34.53	peak	
3 *		5997.281	57.45	-11.39	46.06	54.00	-7.94	AVG	
4		5998.517	58.47	-11.39	47.08	74.00	-26.92	peak	
5		7245.517	37.89	-9.30	28.59	54.00	-25.41	AVG	
6		7285.514	48.74	-9.18	39.56	74.00	-34.44	peak	

Test Mode	TX 2440 MHz _2Mbps_ANT 1	Polarization	Horizontal
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Radiated Emission



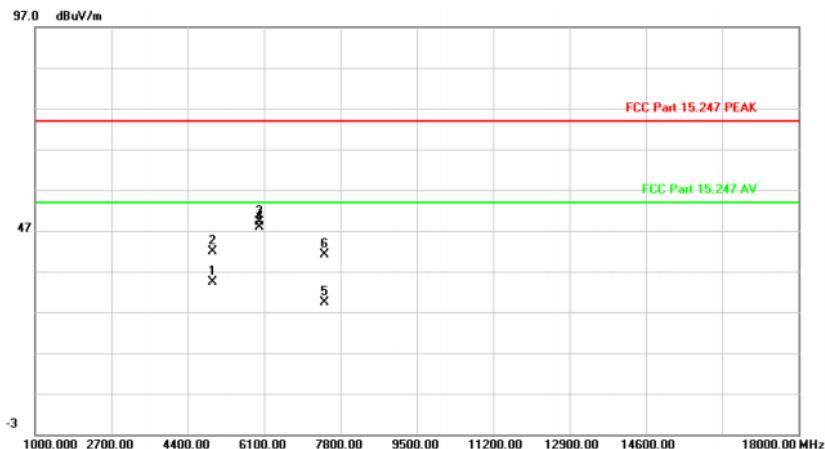
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4871.151	48.25	-13.78	34.47	54.00	-19.53	AVG	
2		4875.517	54.22	-13.76	40.46	74.00	-33.54	peak	
3		5997.510	53.27	-11.39	41.88	74.00	-32.12	peak	
4 *		5997.584	52.11	-11.39	40.72	54.00	-13.28	AVG	
5		7314.251	49.58	-9.09	40.49	74.00	-33.51	peak	
6		7316.517	39.47	-9.09	30.38	54.00	-23.62	AVG	



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Test Mode	TX 2480 MHz_2Mbps_ANT 1	Polarization	Vertical
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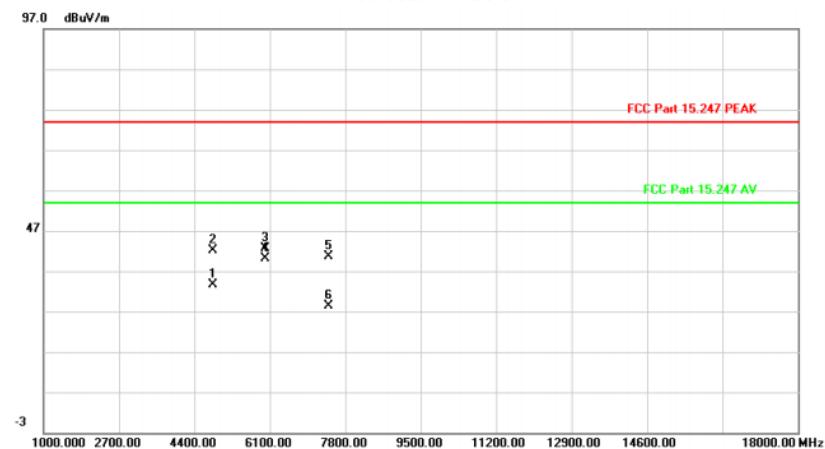
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Degree
			Level	Factor	ment					
1		4960.008	47.84	-13.34	34.50	54.00	-19.50	AVG		
2		4961.000	55.22	-13.34	41.88	74.00	-32.12	peak		
3		5999.700	60.54	-11.39	49.15	74.00	-24.85	peak		
4 *		5999.879	59.29	-11.39	47.90	54.00	-6.10	AVG		
5		7438.253	38.04	-8.71	29.33	54.00	-24.67	AVG		
6		7441.067	49.72	-8.70	41.02	74.00	-32.98	peak		

Test Mode	TX 2480 MHz_2Mbps_ANT 1	Polarization	Horizontal
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Radiated Emission



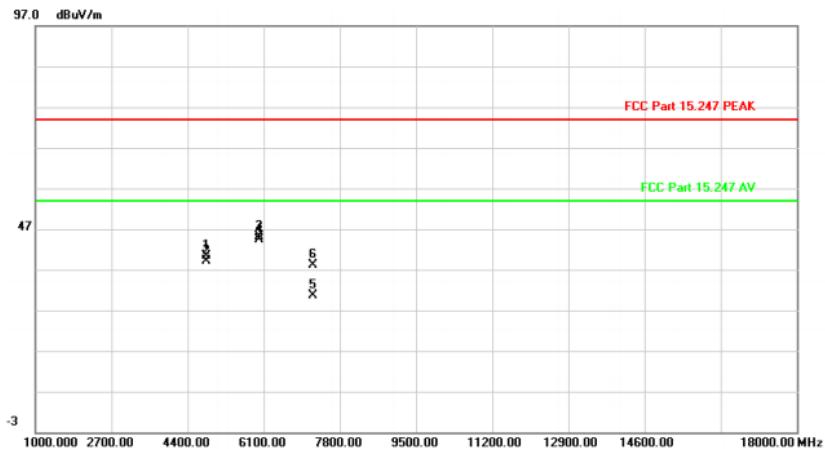
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Degree
			Level	Factor	ment					
1		4827.111	47.58	-14.00	33.58	54.00	-20.42	AVG		
2		4828.471	56.22	-14.00	42.22	74.00	-31.78	peak		
3		5997.250	53.91	-11.39	42.52	74.00	-31.48	peak		
4 *		5998.180	51.57	-11.39	40.18	54.00	-13.82	AVG		
5		7435.158	49.35	-8.72	40.63	74.00	-33.37	peak		
6		7436.554	37.21	-8.72	28.49	54.00	-25.51	AVG		



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Test Mode	TX 2402 MHz_1Mbps_ANT 2	Polarization	Vertical
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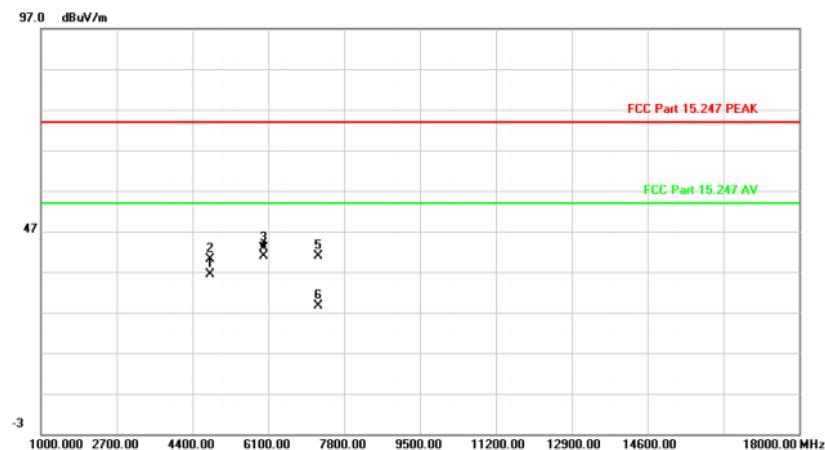
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4824.154	54.33	-14.02	40.31	74.00	-33.69	peak	
2		4824.613	53.15	-14.02	39.13	54.00	-14.87	AVG	
3		5997.158	56.54	-11.39	45.15	74.00	-28.85	peak	
4 *		5997.158	55.81	-11.39	44.42	54.00	-9.58	AVG	
5		7205.441	40.12	-9.43	30.69	54.00	-23.31	AVG	
6		7205.557	47.58	-9.43	38.15	74.00	-35.85	peak	

Test Mode	TX 2402 MHz_1Mbps_ANT 2	Polarization	Horizontal
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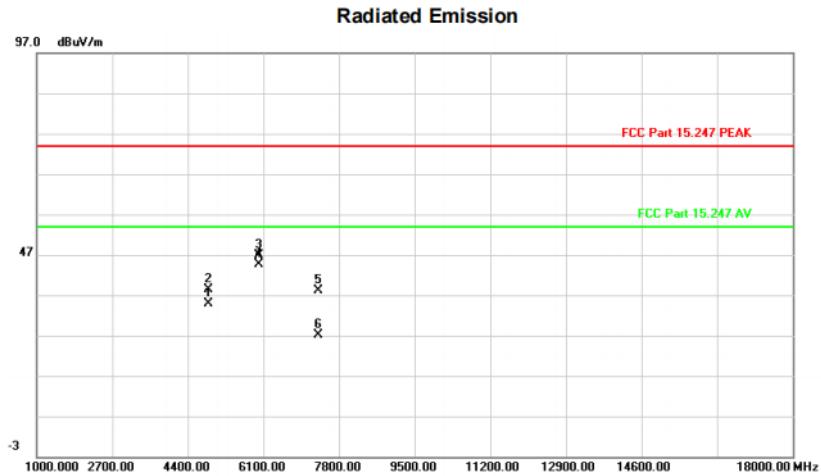
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4804.250	50.41	-14.12	36.29	54.00	-17.71	AVG	
2		4804.854	54.15	-14.12	40.03	74.00	-33.97	peak	
3		5998.155	54.16	-11.39	42.77	74.00	-31.23	peak	
4 *		5997.155	52.15	-11.39	40.76	54.00	-13.24	AVG	
5		7215.515	50.16	-9.40	40.76	74.00	-33.24	peak	
6		7215.554	38.12	-9.40	28.72	54.00	-25.28	AVG	

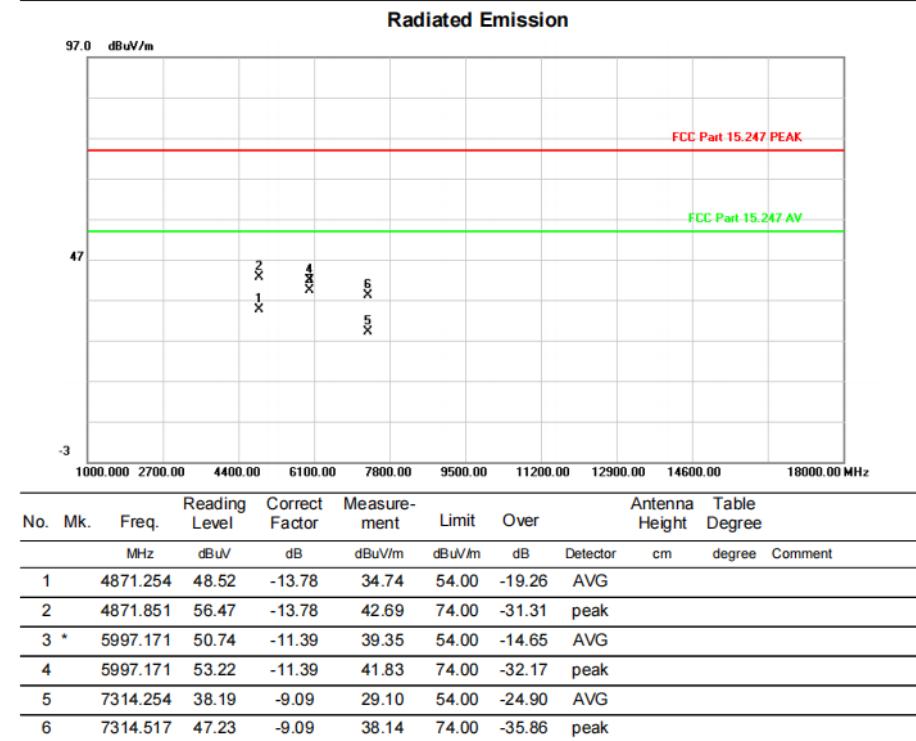


Test Mode	TX 2440 MHz _1Mbps_ANT 2	Polarization	Vertical
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No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm
1		4871.247	48.54	-13.78	34.76	54.00	-19.24	AVG	
2		4871.391	52.14	-13.78	38.36	74.00	-35.64	peak	
3		5997.617	58.15	-11.39	46.76	74.00	-27.24	peak	
4 *		5997.571	56.14	-11.39	44.75	54.00	-9.25	AVG	
5		7324.554	47.25	-9.06	38.19	74.00	-35.81	peak	
6		7324.714	36.15	-9.06	27.09	54.00	-26.91	AVG	

Test Mode	TX 2440 MHz _1Mbps_ANT 2	Polarization	Horizontal
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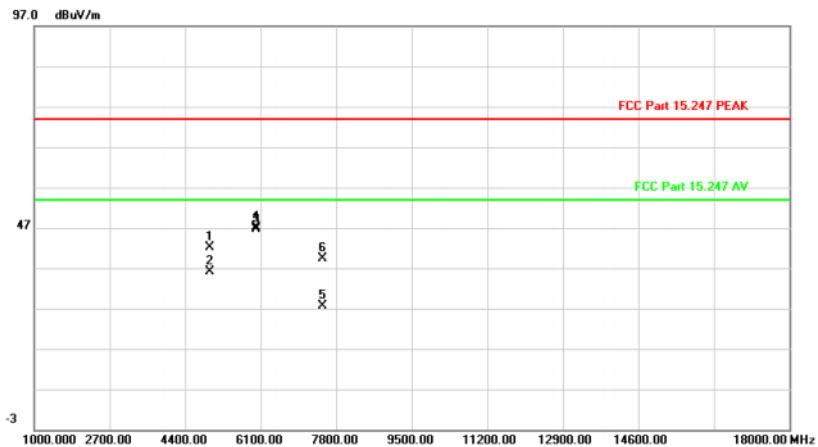




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Test Mode	TX 2480 MHz_1Mbps_ANT 2	Polarization	Vertical
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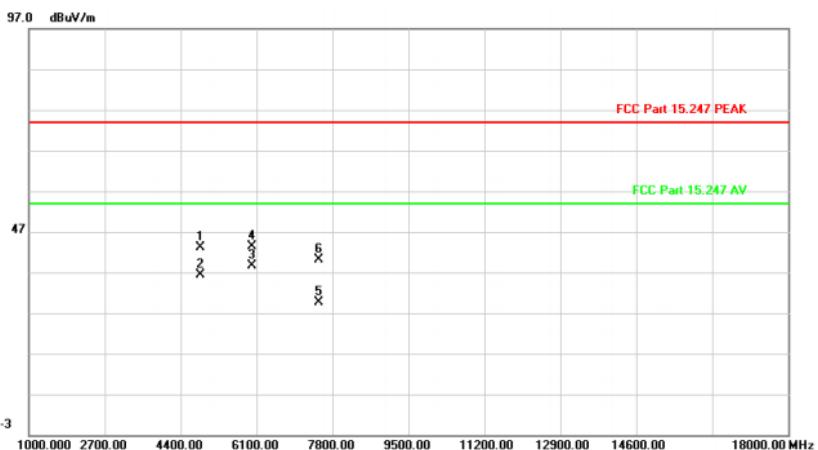
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4957.145	55.47	-13.35	42.12	74.00	-31.88	peak			
2		4958.158	49.57	-13.35	36.22	54.00	-17.78	AVG			
3 *		5997.580	57.95	-11.39	46.56	54.00	-7.44	AVG			
4		5998.140	58.47	-11.39	47.08	74.00	-26.92	peak			
5		7485.257	36.22	-8.57	27.65	54.00	-26.35	AVG			
6		7486.158	47.89	-8.56	39.33	74.00	-34.67	peak			

Test Mode	TX 2480 MHz_1Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



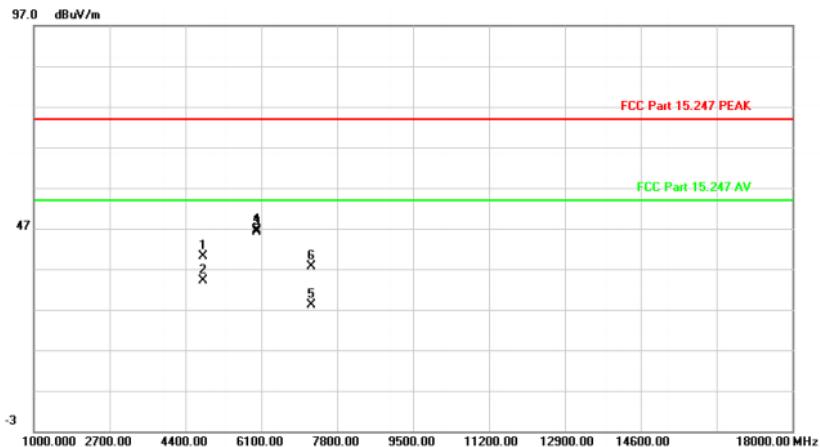
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	Comment	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4847.158	57.13	-13.90	43.23	74.00	-30.77	peak			
2		4847.987	50.17	-13.90	36.27	54.00	-17.73	AVG			
3 *		5997.158	50.14	-11.39	38.75	54.00	-15.25	AVG			
4		5997.158	54.68	-11.39	43.29	74.00	-30.71	peak			
5		7485.147	38.14	-8.57	29.57	54.00	-24.43	AVG			
6		7485.148	48.71	-8.57	40.14	74.00	-33.86	peak			



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Test Mode	TX 2402 MHz_2Mbps_ANT 2	Polarization	Vertical
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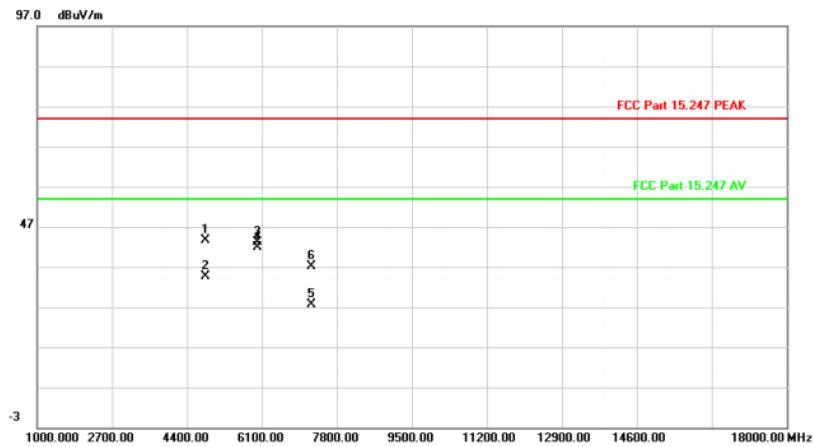
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Antenna	Table	Degree			
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4801.254	54.33	-14.13	40.20	74.00	-33.80	peak			
2		4804.256	48.15	-14.12	34.03	54.00	-19.97	AVG			
3 *		5997.615	57.62	-11.39	46.23	54.00	-7.77	AVG			
4		5997.215	58.14	-11.39	46.75	74.00	-27.25	peak			
5		7213.115	37.45	-9.40	28.05	54.00	-25.95	AVG			
6		7213.251	47.12	-9.40	37.72	74.00	-36.28	peak			

Test Mode	TX 2402 MHz_2Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



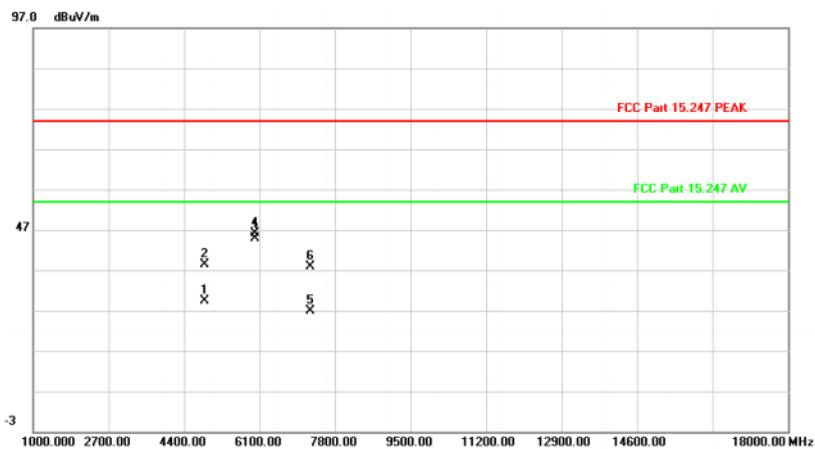
No.	Mk.	Freq.	Reading	Correct	Measure-	Antenna	Table	Degree			
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4815.254	57.64	-14.06	43.58	74.00	-30.42	peak			
2		4815.957	48.61	-14.06	34.55	54.00	-19.45	AVG			
3		5997.158	54.47	-11.39	43.08	74.00	-30.92	peak			
4 *		5998.158	53.15	-11.39	41.76	54.00	-12.24	AVG			
5		7214.625	37.15	-9.40	27.75	54.00	-26.25	AVG			
6		7214.252	46.55	-9.40	37.15	74.00	-36.85	peak			



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Test Mode	TX 2440 MHz _2Mbps_ANT 2	Polarization	Vertical
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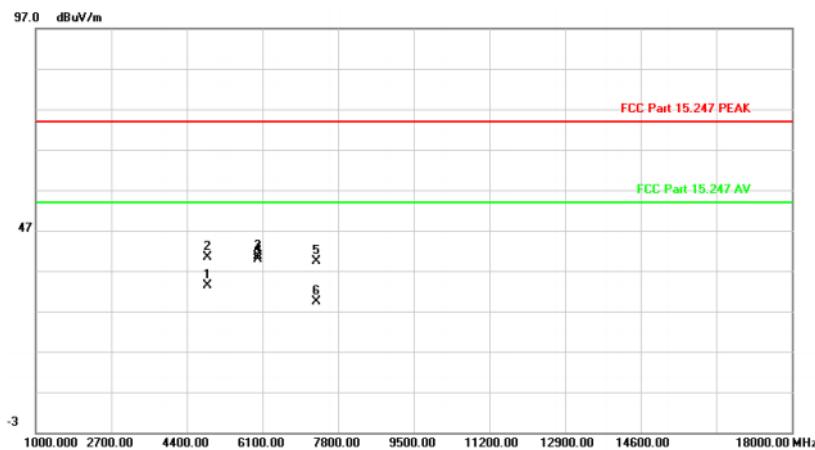
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4871.524	43.24	-13.78	29.46	54.00	-24.54	AVG	
2		4871.628	52.15	-13.78	38.37	74.00	-35.63	peak	
3 *		5997.158	56.15	-11.39	44.76	54.00	-9.24	AVG	
4		5997.158	57.48	-11.39	46.09	74.00	-27.91	peak	
5		7245.168	36.28	-9.30	26.98	54.00	-27.02	AVG	
6		7245.158	47.28	-9.30	37.98	74.00	-36.02	peak	

Test Mode	TX 2440 MHz _2Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



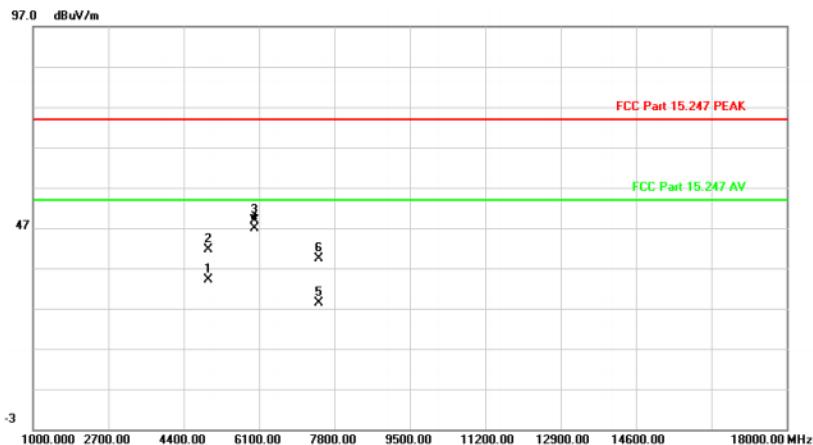
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment				
1		4872.158	47.26	-13.78	33.48	54.00	-20.52	AVG	
2		4872.618	54.15	-13.78	40.37	74.00	-33.63	peak	
3		5997.581	52.14	-11.39	40.75	74.00	-33.25	peak	
4 *		5998.571	51.35	-11.39	39.96	54.00	-14.04	AVG	
5		7315.258	48.58	-9.09	39.49	74.00	-34.51	peak	
6		7315.628	38.47	-9.09	29.38	54.00	-24.62	AVG	



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Test Mode	TX 2480 MHz_2Mbps_ANT 2	Polarization	Vertical
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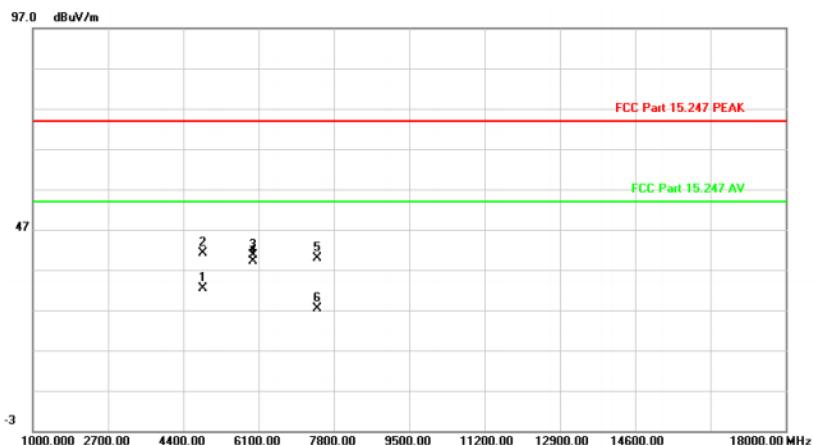
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment			Height	Degree
1		4947.554	47.54	-13.40	34.14	54.00	-19.86	AVG	
2		4947.554	55.14	-13.40	41.74	74.00	-32.26	peak	
3		5997.874	60.24	-11.39	48.85	74.00	-25.15	peak	
4 *		5997.817	58.15	-11.39	46.76	54.00	-7.24	AVG	
5		7438.571	37.14	-8.71	28.43	54.00	-25.57	AVG	
6		7438.958	48.14	-8.71	39.43	74.00	-34.57	peak	

Test Mode	TX 2480 MHz_2Mbps_ANT 2	Polarization	Horizontal
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Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table
			Level	Factor	ment			Height	Degree
1		4837.147	46.41	-13.95	32.46	54.00	-21.54	AVG	
2		4837.148	55.14	-13.95	41.19	74.00	-32.81	peak	
3		5978.224	52.16	-11.42	40.74	74.00	-33.26	peak	
4 *		5976.224	50.47	-11.42	39.05	54.00	-14.95	AVG	
5		7434.125	48.65	-8.72	39.93	74.00	-34.07	peak	
6		7435.157	36.21	-8.72	27.49	54.00	-26.51	AVG	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technical Co., Ltd. (hereinafter referred to as the unit).
2. The report is invalid without the signature of the approver.
3. The report is invalid if altered arbitrarily.
4. The report shall not be partially copied without the written approval of the unit.
5. The reported test results are only valid for the tested samples.
6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technical Co., Ltd.

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End of Test Report