



RF TEST REPORT

FCC ID: 2BCFY-ERO1BE

Test Report No.: RF250516014-02-002

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.

Prepared By:	Checked By:	Approved By:	
Jason Huang	Black Ding	Tim Zhang	
Jason Huang	Black Ding	Tim Zhang	

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History of this test report

Original Report Issue Date: 2025.09.16

- No additional attachment
- Additional attachments were issued following record

1. General Information

1.1 Applicant

HEIGHTS TELECOM T LTD

Ha-Sakhlav 6,7680900 Irus, Israel

1.2 Manufacturer

HEIGHTS TELECOM SWITZERLAND SA

Boulevard Georges-Favon, 43

1204 – Geneva

Switzerland

1.3 Basic Description of Equipment Under Test

Test sample no.	POC250516014-S004	
Product(s) Name	Wireless Home Mesh	
Test Model	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	
Operate temperature	0°C –40°C	
EUT Stage	<input type="radio"/> Product Unit	<input checked="" type="radio"/> Final-Sample
Operating Band and Conducted Output Power (Max power)	2400MHz ~ 2483.5MHz	• IEEE 802.11AX40: 29.31dBm(0.85W)
Product Type	IEEE 802.11b: WLAN IEEE 802.11g: WLAN IEEE 802.11n: WLAN IEEE 802.11ax: WLAN IEEE 802.11be: WLAN	
Nominal Bandwidth	20MHz/40MHz	
Modulation	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA IEEE 802.11be: OFDMA	
Data Rate (Mbps)	IEEE 802.11b mode : 1/2/5.5/11 IEEE 802.11g mode : 6/9/12/18/24/36/48/54 IEEE 802.11n mode : up to 600 IEEE 802.11ax mode : up to 1147.1	



	IEEE 802.11be mode : up to 1376.4
Antenna gain	ANT1: 3.47dBi, ANT2: 3.32dBi
Directional gain	1.78dBi(from the antenna report)
Beamforming	4.78dBi
Antenna type	PCB antenna

Eleven channels are provided for 802.11b, 802.11g, 802.11n (20MHz), 802.11ax (20MHz), 802.11be (20MHz):

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	01	2412MHz	07	2442MHz
	02	2417MHz	08	2447MHz
	03	2422MHz	09	2452MHz
	04	2427MHz	10	2457MHz
	05	2432MHz	11	2462MHz
	06	2437MHz	/	/

Seven channels are provided for 802.11n (40MHz), 802.11ax40, 802.11be40:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
2400MHz ~ 2483.5 MHz	03	2422 MHz	07	2442MHz
	04	2427MHz	08	2447MHz
	05	2432MHz	09	2452MHz
	06	2437MHz	/	/

Note: For 802.11ax, 802.11be mode only support full RU mode.

1.4 Transmit Operating Mode

Transmit Operating Mode			Transmit Multiple Antennas							
<input type="radio"/>	Operating mode 1 (single antenna)					<input type="radio"/>	1TX			
<input type="radio"/>	Operating mode 2 (multiple antenna, no beam forming)					<input type="radio"/>	2TX			
<input checked="" type="radio"/>	Operating mode 3 (multiple antenna, with beam forming)					<input checked="" type="radio"/>	2TX			
<input checked="" type="radio"/>	802.11b	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11g	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11n(20MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11n(40MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11ax(20MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11ax(40MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11be(20MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
<input checked="" type="radio"/>	802.11be(40MHz)	Operating mode	<input type="radio"/>	1TX	<input checked="" type="radio"/>	2TX	<input type="radio"/>	3TX	<input type="radio"/>	4TX
Beam forming gain: 4.78dB										

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart C (Section 15.247)			
Test item	FCC Clause	Results	Remarks
AC Power Conducted Emission	15.207	Pass	Meet the requirement of the limit
Radiated Emission and Band Edge Measurement	15.205/15.209 /15.247(d)	Pass	Meet the requirement of the limit
Spurious Emission at Antenna Port	15.247(d)	N/A	Meet the requirement of the limit
6dB Bandwidth	15.247(a)(2)	N/A	Meet the requirement of the limit
Maximum Conducted Power	15.247(b)	N/A	Meet the requirement of the limit
Power Spectral Density	15.247(e)	N/A	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note

Note:

1. The EUT has 2 PCB Antennas arrangement which was permanently attached.
2. After evaluation, only the AC Power Line Conducted Emissions and Radiated Emissions were tested. The remaining data refer to the report RF250516014-01-002 of model ERO1BEM PRO.

2.2 Application of Standard

47 CFR FCC Part 15, Subpart C (Section 15.247)

KDB 558074 D01 15.247 Meas Guidance v05r02

KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

2.3 Test Instruments

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	MY60080169	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	MY61270787	JLE051	2024/6/11 2025/6/10	2025/6/10 2026/6/09
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K5 0-116064-Dt	JLE054	2025/3/1	2026/2/28
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				

2.4 Test Mode

Test Items	Mode	Data Rate	Channel
AC Power Conducted Emission	802.11n40MIMO	1Mbps	06
Radiated Emission and Band Edge Measurement	802.11b CDD	1Mbps	01/06/11
	802.11g CDD	6Mbps	01/06/11
	802.11be20MIMO	MCS0	01/06/11
	802.11be40MIMO	MCS0	03/06/09

Note:

1. For AC Power Conducted Emission and Radiated Emission below 1GHz, only worst case was recorded.
2. Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40 mode are the same or lower than EHT20/EHT40.
3. The EUT supports non-beamforming and beamforming modes, after evaluating, the beamforming mode has been selected to test.

2.5 Test Condition

Applicable to	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	23.8-24.6°C, 52-55% RH	AC 120V/60Hz	Keith Huang
Radiated Emission and Band Edge Measurement	23.9-24.3°C, 50-59% RH	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

2.6 Duty Cycle of Test Signal

Refer to the report RF250516014-01-002.

2.7 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of 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

2.8 Test Location

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

2.9 Description of Support Units

No.	Equipment	Model	Manufacturer	Series No
1	PC	M4500T	Thinkpad	M032004854IT
2	Notebook	L450	Think	/
3	Notebook	L450	Think	/

3. Test Procedure And Results

3.1 AC Power Line Conducted Emission

3.1.1 Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

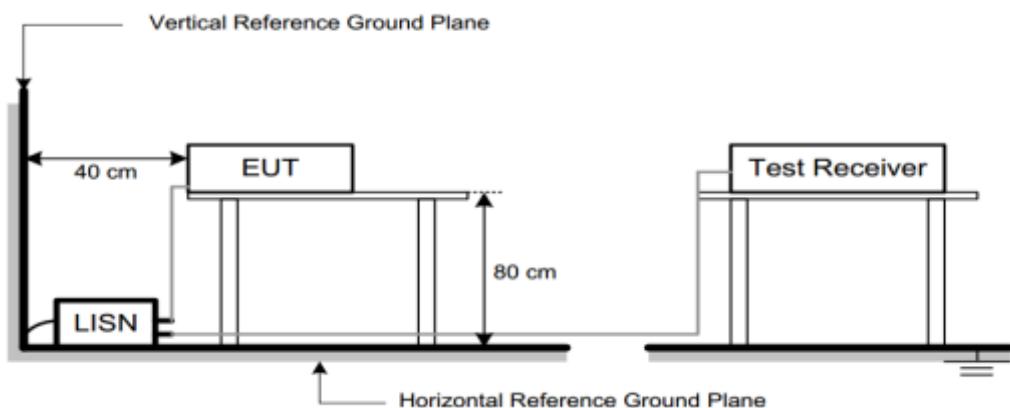
3.1.2 Test Procedure

Test Method	
● Conducted Measurement	<input checked="" type="radio"/> Radiated Measurement
Test Channels	
○ Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
● Normal	<input type="radio"/> Normal and Extreme

Note: ● : Test ○ : No Test

- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

3.1.3 Test Setup



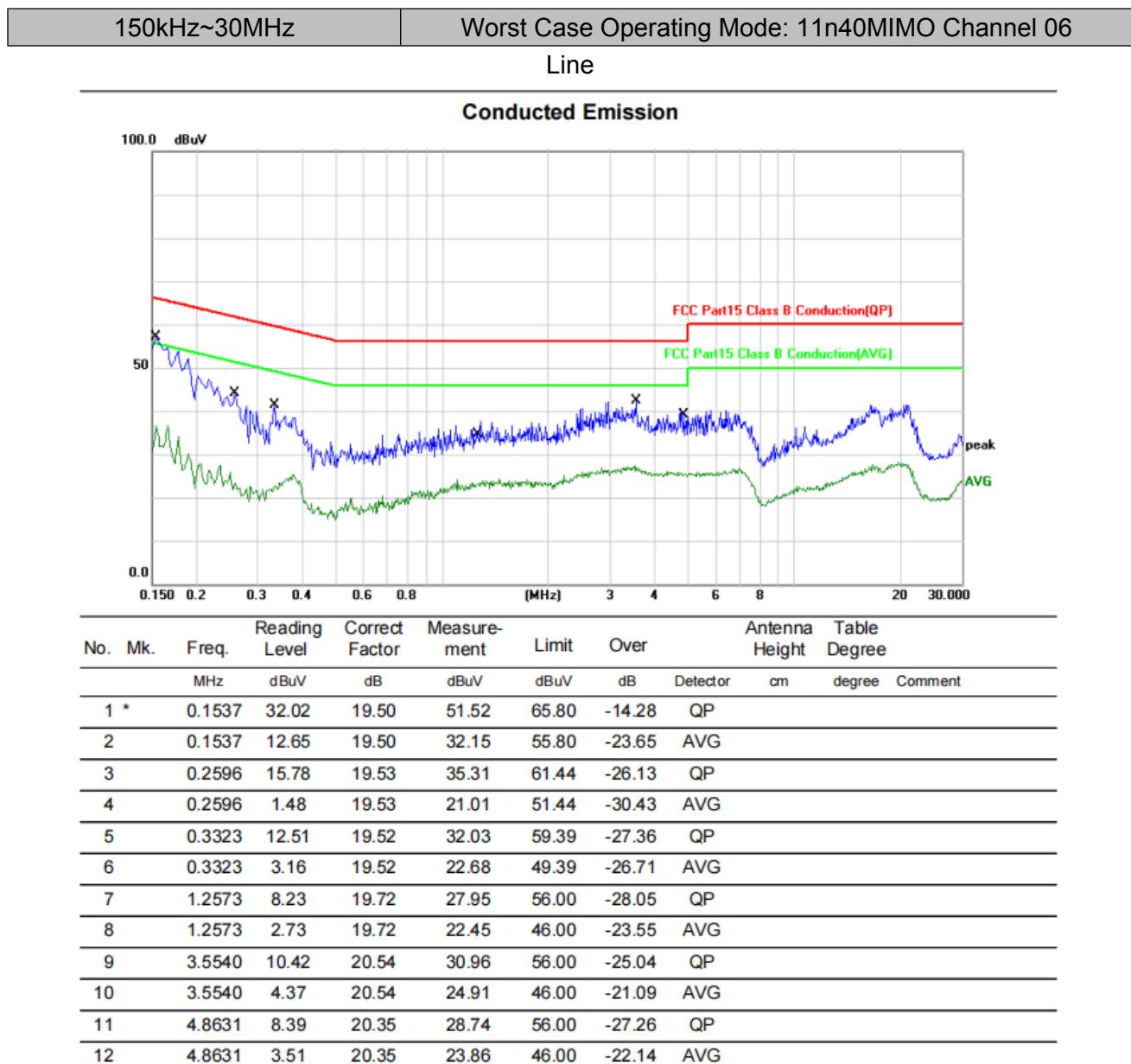


3.1.4 Test Result

Note:

1. Correct Factor = LISN Factor + Cable Loss + Pulse Limiter Factor, the value was added to Original Receiver Reading by the software automatically.
2. Measurement = Reading + Correct Factor.
3. Over = Measurement – Limit

We only recorded the data of the worst mode. Please see the following:



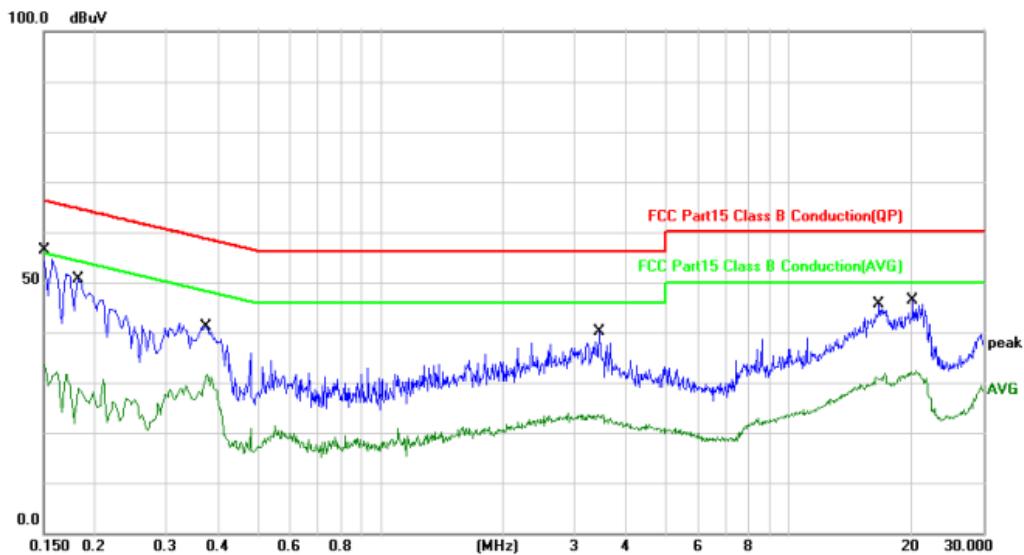


150kHz~30MHz

Worst Case Operating Mode: 11n40MIMO Channel 06

Neutral

Conducted Emission



No.	Mk.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Degree	Comment
		Freq.	Level	Factor						
		MHz	dBuV	dB	dBuV	dB	Detector	cm	degree	
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		

3.2 Radiated Emission and Band Edge

3.2.1 Limit

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power:

Frequency (MHz)	Distance Meters(m)	Field Strength Limit	
		μV/m	dB(μV)/m
0.009 – 0.49	300	2400/F(kHz)	-
0.490 – 1.705	30	24000/F(kHz)	-
1.705 – 30	30	30	-
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) Emission level $dB\mu V = 20 \log \text{Emission level } \mu V/m$
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.2.2 Test Procedure

Test Method	
<input type="radio"/> Conducted Measurement	<input checked="" type="radio"/> Radiated Measurement
Test Channels	
<input checked="" type="radio"/> Lowest, Middle and Highest Channel	<input type="radio"/> Lowest and Highest Channel
Environmental conditions	
<input checked="" type="radio"/> Normal	<input type="radio"/> Normal and Extreme

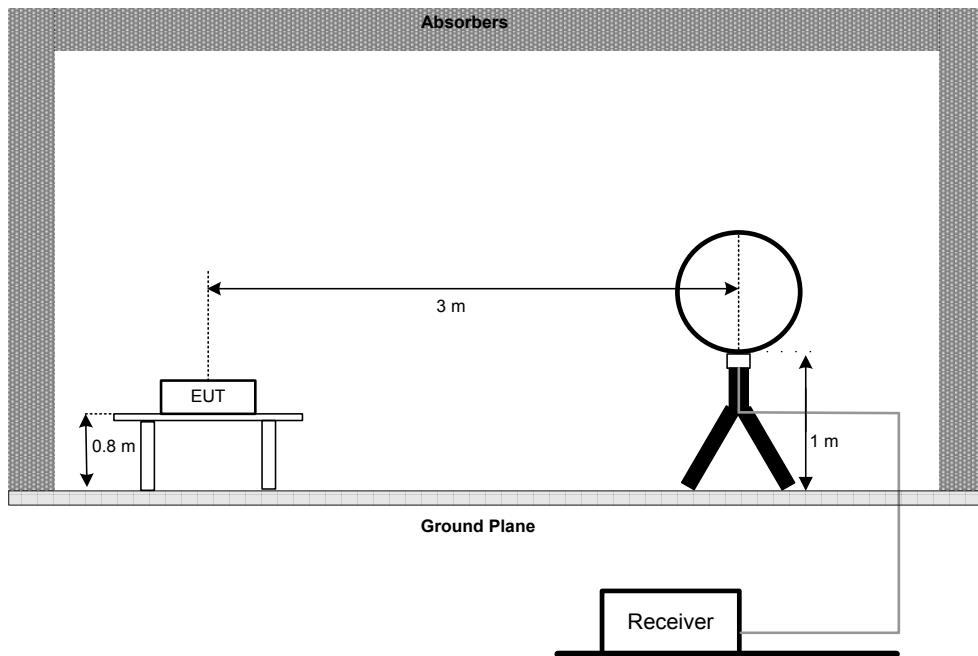
Note: : Test : No Test

- 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)
- The measuring distance of 3 m or 1.5m 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 1GHz)
- 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.

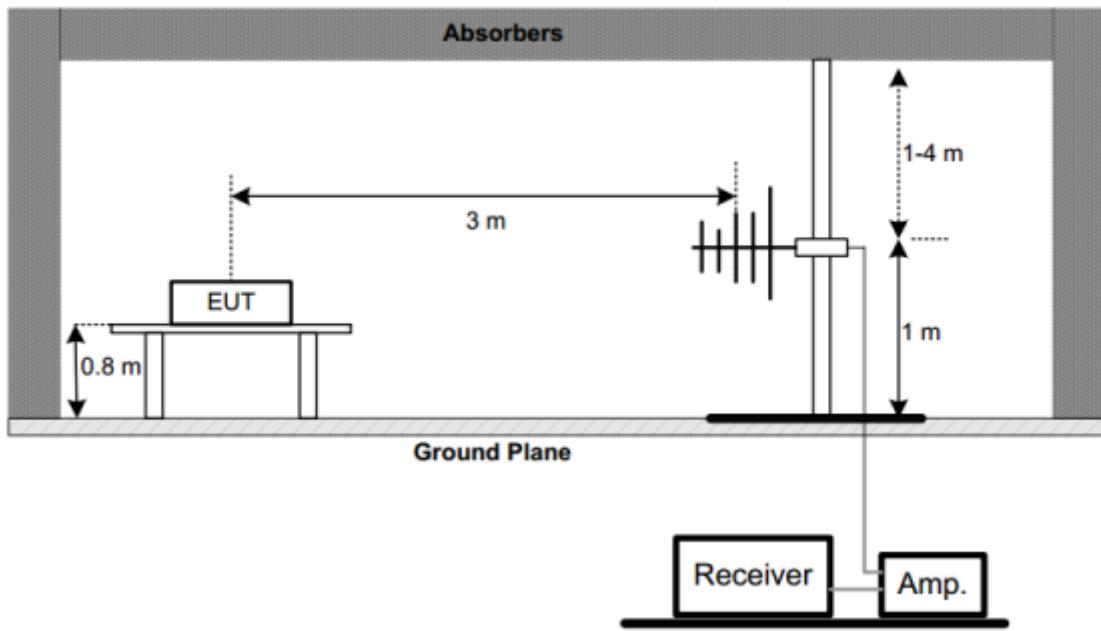
3.2.3 Test Setup

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

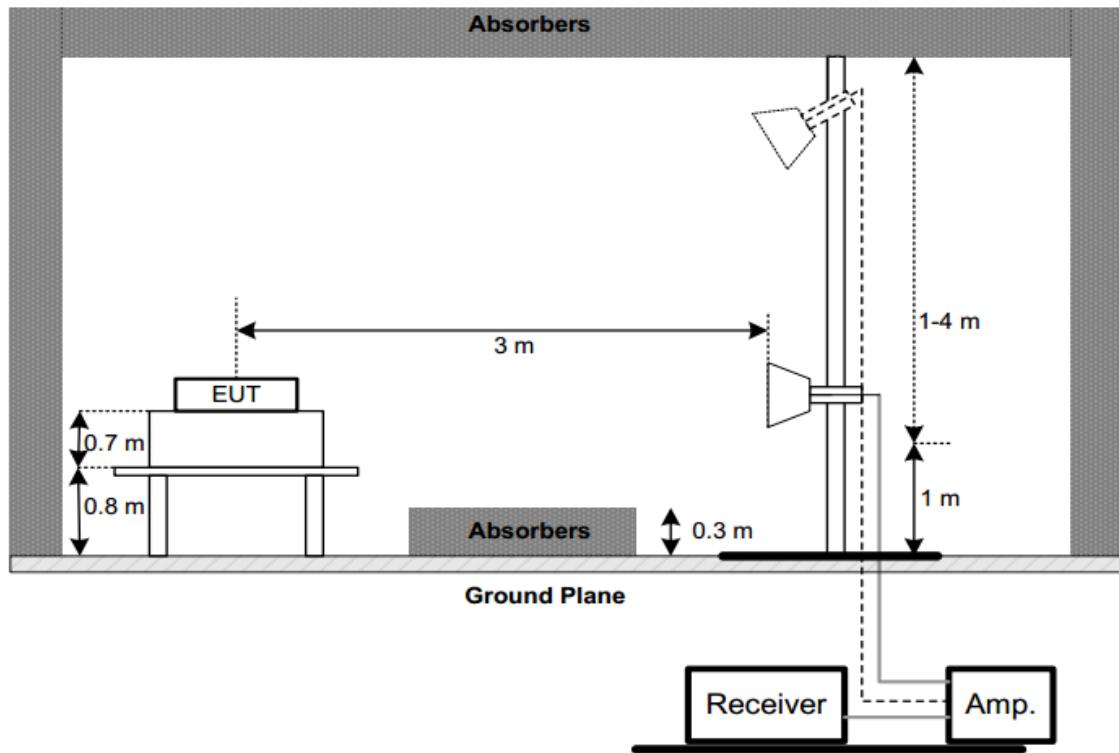




(B) Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



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



3.2.4 Test Result

1) 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 recorded in this report.

2) Radiated emission: 30MHz-1G

Note:

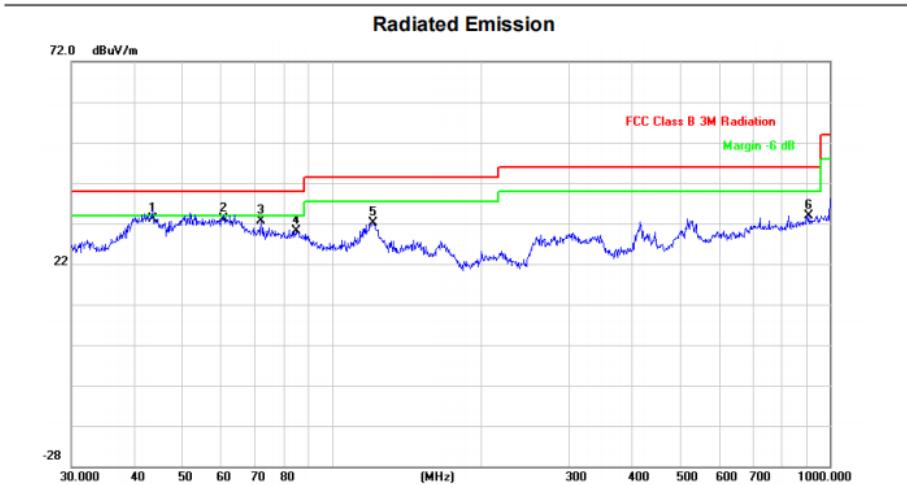
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

We only recorded the data of the worst mode. Please see the following:



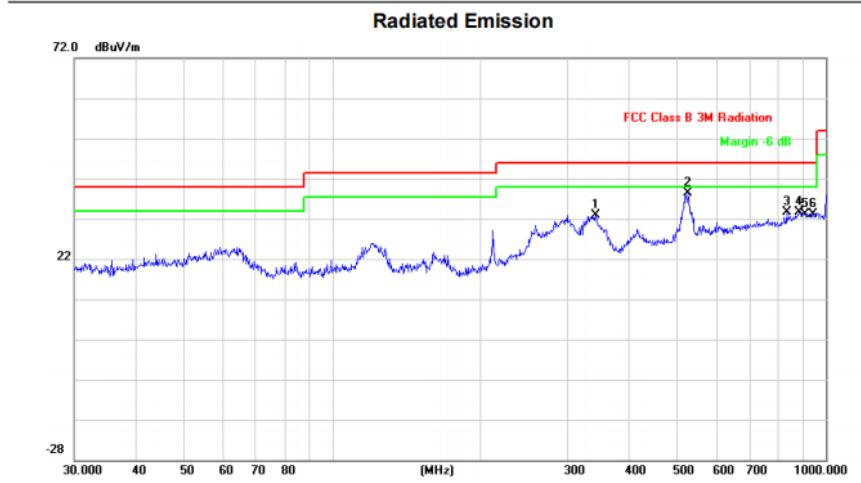
Below 1G (30MHz~1GHz)

Worst Case Operating Mode: 11n40MIMO Channel 06
VERTICAL



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	*	43.6584	12.21	20.97	33.18	40.00	-6.82	QP	100	307
2		60.4920	13.65	19.47	33.12	40.00	-6.88	QP	100	325
3		72.0843	16.09	16.42	32.51	40.00	-7.49	QP	100	235
4		84.7020	12.34	17.75	30.09	40.00	-9.91	QP	100	138
5		121.1231	14.37	17.82	32.19	43.50	-11.31	QP	100	277
6		909.6667	2.14	31.81	33.95	46.00	-12.05	QP	151	360

HORIZONTAL



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		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



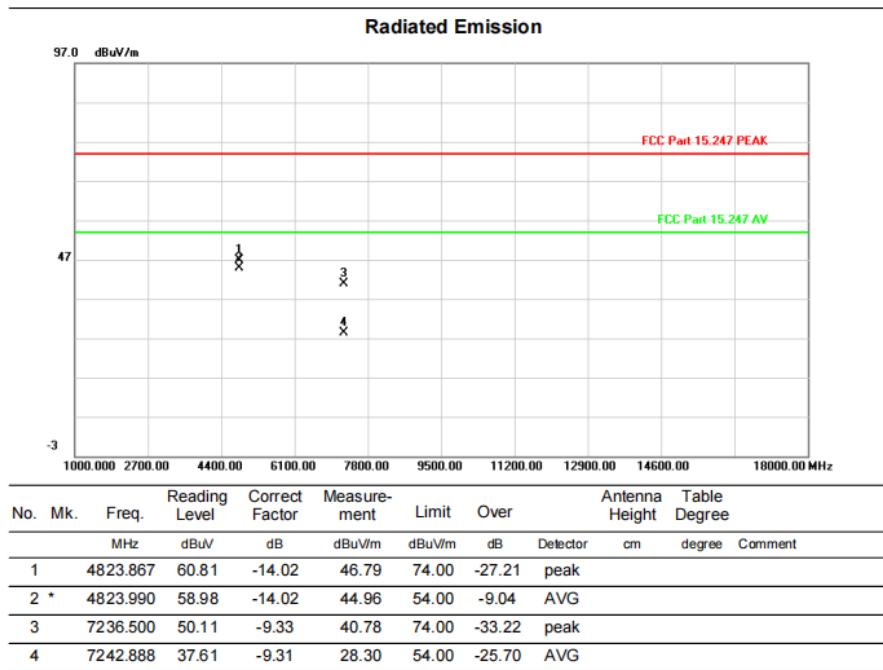
3) Radiated emission: Above 1G

Note:

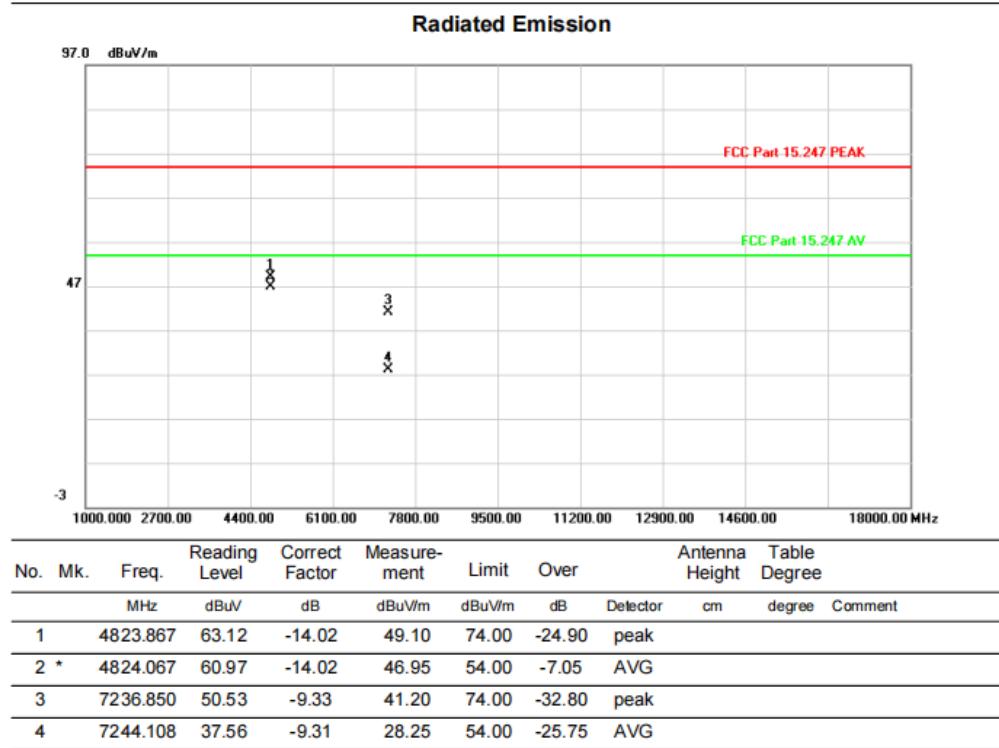
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

Above 1G (1GHz~18GHz)	Test mode:11B-CDD	Test Channel:1
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VERTICAL



HORIZONTA





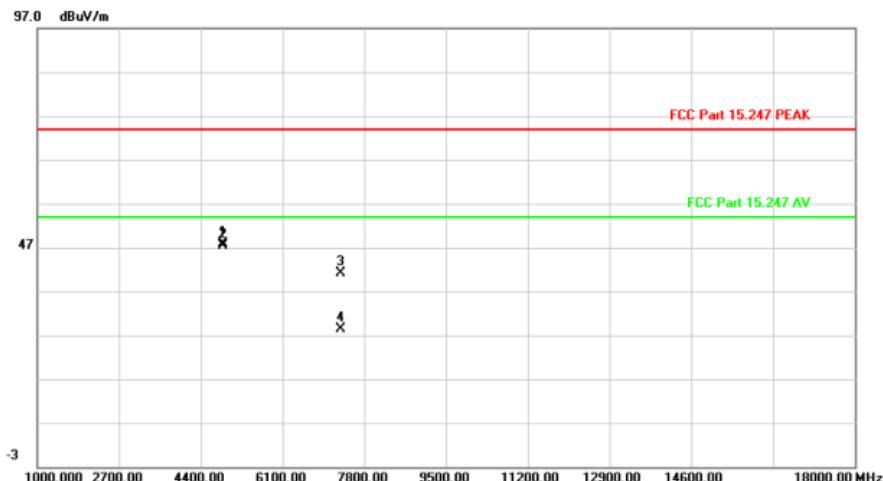
Above 1G (1GHz~18GHz)

Test mode:11B-CDD

Test Channel:6

VERTICAL

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		4873.733	61.73	-13.77	47.96	74.00	-26.04	peak			
2	*	4874.036	61.05	-13.77	47.28	54.00	-6.72	AVG			
3		7311.867	50.17	-9.10	41.07	74.00	-32.93	peak			
4		7313.618	37.57	-9.09	28.48	54.00	-25.52	AVG			

HORIZONTAL

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	*	4874.016	63.11	-13.77	49.34	54.00	-4.66	AVG			
2		4874.300	64.51	-13.77	50.74	74.00	-23.26	peak			
3		7311.500	50.21	-9.10	41.11	74.00	-32.89	peak			
4		7320.122	37.64	-9.07	28.57	54.00	-25.43	AVG			



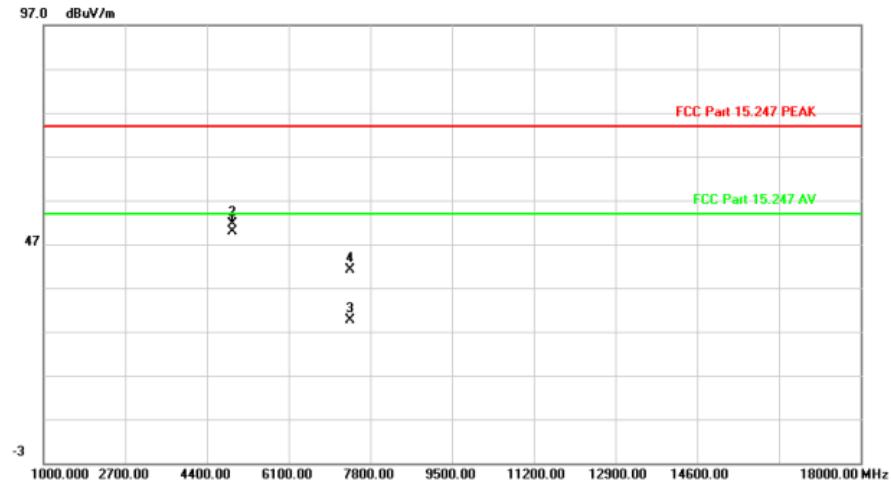
Above 1G (1GHz~18GHz)

Test mode: 11B-CDD

Test Channel:11

VERTICAL

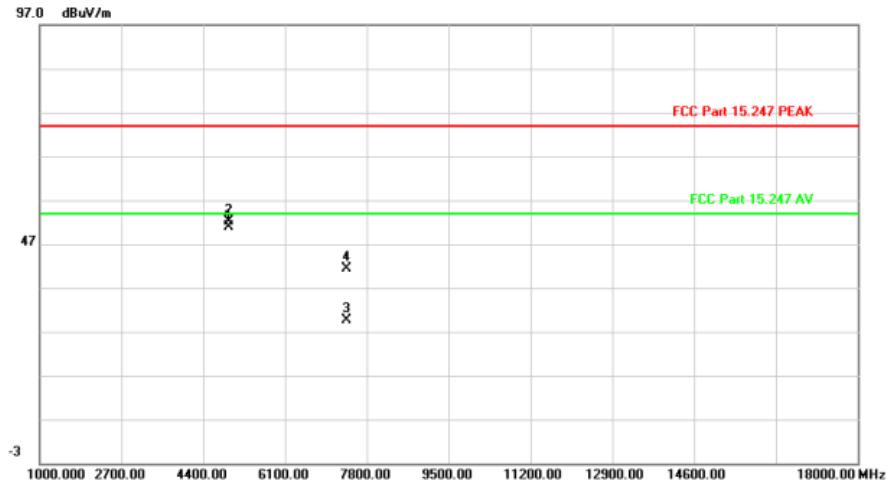
Radiated Emission



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	*	4923.965	63.28	-13.52	49.76	54.00	-4.24	AVG			
2		4924.167	65.08	-13.52	51.56	74.00	-22.44	peak			
3		7380.236	38.58	-8.89	29.69	54.00	-24.31	AVG			
4		7386.567	50.02	-8.87	41.15	74.00	-32.85	peak			

HORIZONTAL

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	*	4924.006	64.28	-13.52	50.76	54.00	-3.24	AVG			
2		4924.167	65.65	-13.52	52.13	74.00	-21.87	peak			
3		7380.215	38.55	-8.89	29.66	54.00	-24.34	AVG			
4		7386.533	50.19	-8.87	41.32	74.00	-32.68	peak			



Above 1G (1GHz~18GHz)

Test mode:11G-CDD

Test Channel:1

VERTICAL

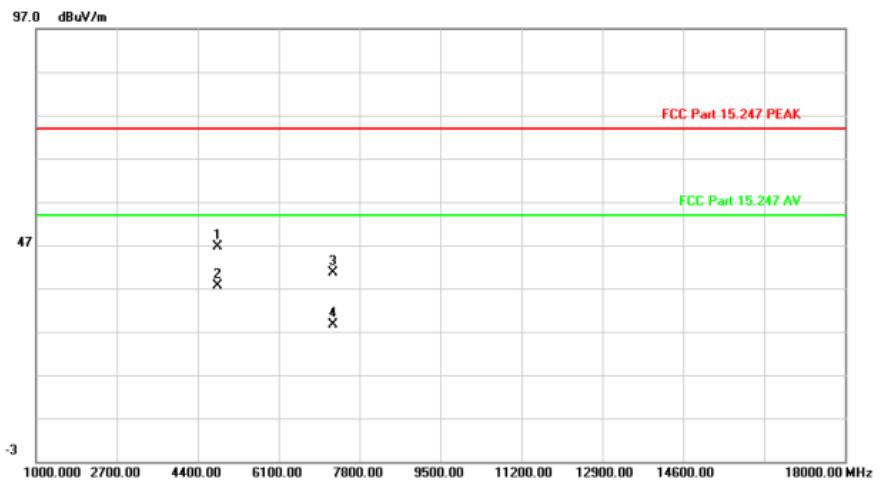
Radiated Emission



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		4823.867	62.05	-14.02	48.03	74.00	-25.97	peak			
2 *		4825.182	49.84	-14.01	35.83	54.00	-18.17	AVG			
3		7236.011	37.85	-9.33	28.52	54.00	-25.48	AVG			
4		7236.800	50.38	-9.33	41.05	74.00	-32.95	peak			

HORIZONTAL

Radiated Emission



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		4825.000	60.62	-14.02	46.60	74.00	-27.40	peak			
2 *		4825.127	51.64	-14.01	37.63	54.00	-16.37	AVG			
3		7236.853	49.99	-9.33	40.66	74.00	-33.34	peak			
4		7237.056	37.89	-9.33	28.56	54.00	-25.44	AVG			



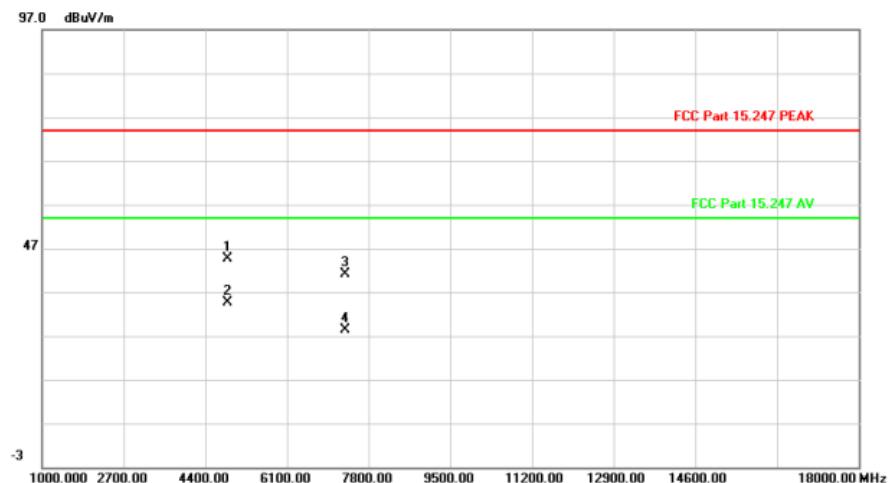
Above 1G (1GHz~18GHz)

Test mode:11G-CDD

Test Channel:6

VERTICAL

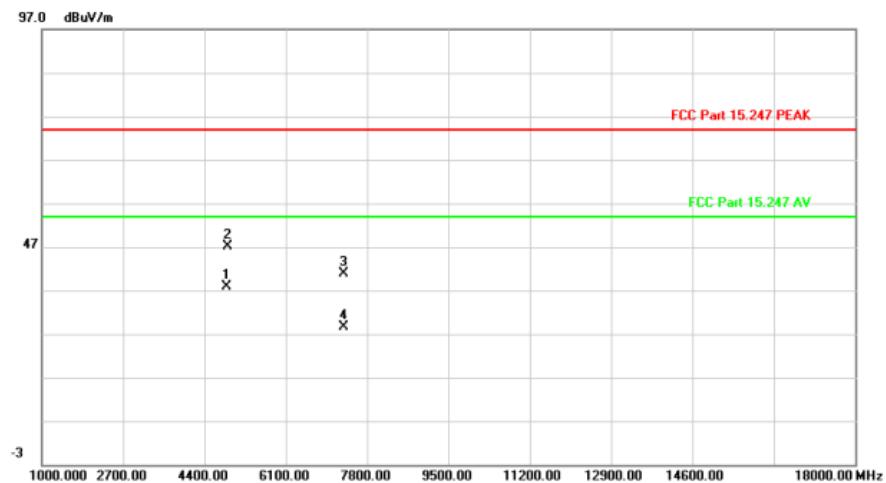
Radiated Emission



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		4869.200	58.41	-13.79	44.62	74.00	-29.38	peak			
2	*	4874.635	48.35	-13.77	34.58	54.00	-19.42	AVG			
3		7311.500	50.30	-9.10	41.20	74.00	-32.80	peak			
4		7317.030	37.58	-9.08	28.50	54.00	-25.50	AVG			

HORIZONTAL

Radiated Emission



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	*	4875.127	51.73	-13.76	37.97	54.00	-16.03	AVG			
2		4880.533	60.89	-13.74	47.15	74.00	-26.85	peak			
3		7311.500	50.01	-9.10	40.91	74.00	-33.09	peak			
4		7313.244	37.65	-9.10	28.55	54.00	-25.45	AVG			



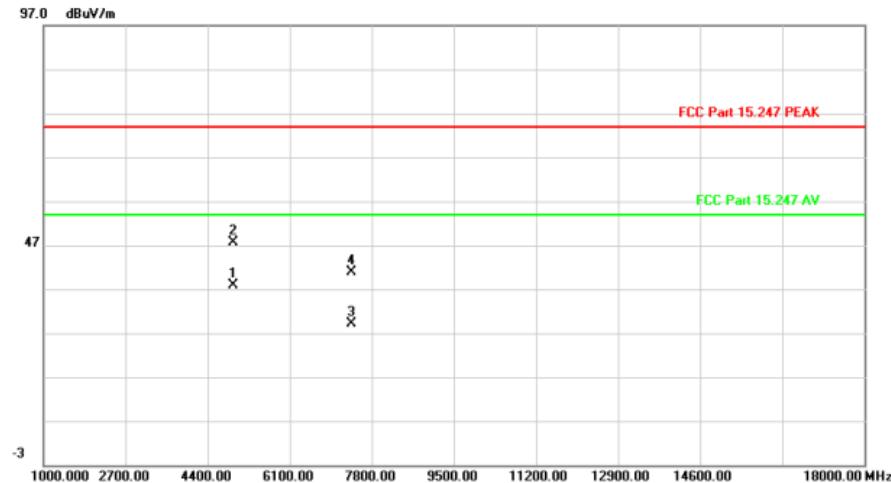
Above 1G (1GHz~18GHz)

Test mode: 11G-CDD

Test Channel:11

VERTICAL

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	*	4925.358	51.29	-13.51	37.78	54.00	-16.22	AVG		
2		4930.967	61.19	-13.49	47.70	74.00	-26.30	peak		
3		7384.017	38.10	-8.88	29.22	54.00	-24.78	AVG		
4		7386.367	49.81	-8.87	40.94	74.00	-33.06	peak		

HORIZONTAL

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	*	4925.578	54.16	-13.51	40.65	54.00	-13.35	AVG		
2		4925.867	65.27	-13.51	51.76	74.00	-22.24	peak		
3		7386.846	38.17	-8.87	29.30	54.00	-24.70	AVG		
4		7386.967	50.05	-8.87	41.18	74.00	-32.82	peak		



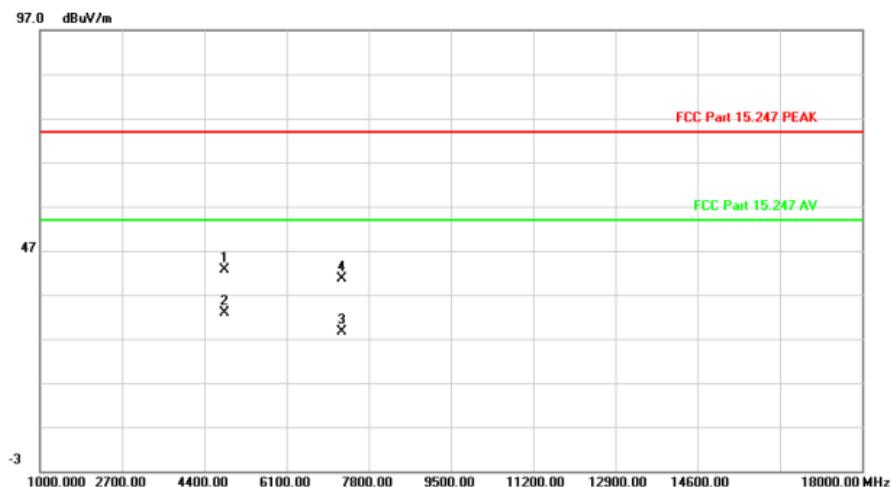
Above 1G (1GHz~18GHz)

Test mode: 11BE20MIMO

Test Channel:1

VERTICAL

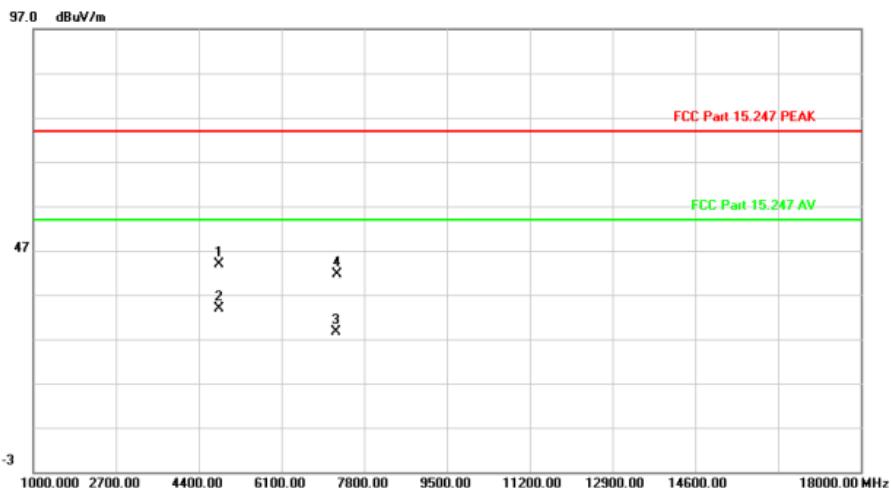
Radiated Emission



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		4821.033	56.59	-14.03	42.56	74.00	-31.44	peak		
2 *		4823.387	46.94	-14.02	32.92	54.00	-21.08	AVG		
3		7235.678	37.85	-9.33	28.52	54.00	-25.48	AVG		
4		7237.300	49.99	-9.33	40.66	74.00	-33.34	peak		

HORIZONTAL

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		4818.200	57.92	-14.05	43.87	74.00	-30.13	peak		
2 *		4823.383	47.88	-14.02	33.86	54.00	-20.14	AVG		
3		7232.452	38.09	-9.34	28.75	54.00	-25.25	AVG		
4		7236.533	50.94	-9.33	41.61	74.00	-32.39	peak		



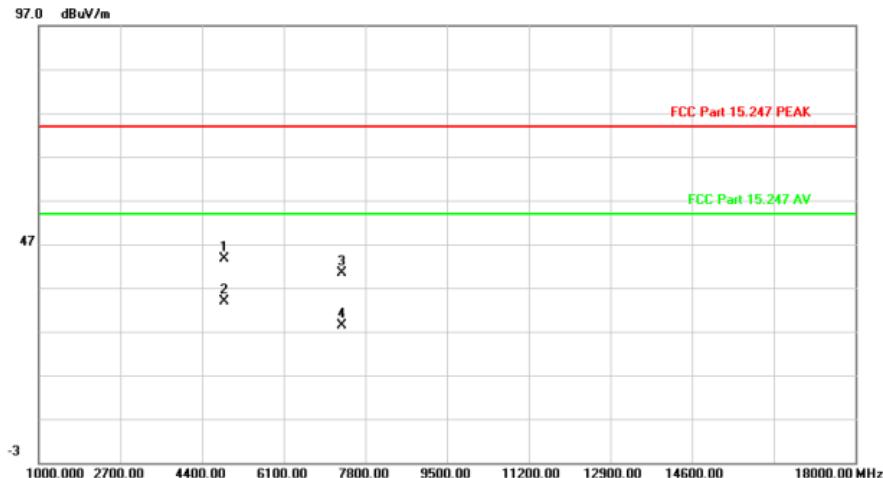
Above 1G (1GHz~18GHz)

Test mode:11BE20MIMO

Test Channel:6

VERTICAL

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		4874.300	57.46	-13.77	43.69	74.00	-30.31	peak			
2	*	4874.416	47.60	-13.77	33.83	54.00	-20.17	AVG			
3		7308.133	49.60	-9.11	40.49	74.00	-33.51	peak			
4		7312.922	37.55	-9.10	28.45	54.00	-25.55	AVG			

HORIZONTAL

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		4871.467	62.25	-13.78	48.47	74.00	-25.53	peak			
2	*	4874.526	51.15	-13.77	37.38	54.00	-16.62	AVG			
3		7311.850	49.39	-9.10	40.29	74.00	-33.71	peak			
4		7313.585	37.50	-9.09	28.41	54.00	-25.59	AVG			



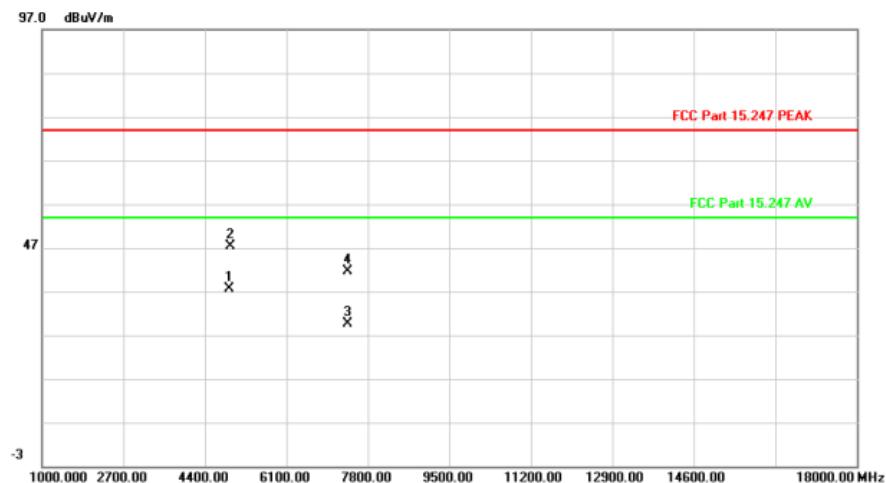
Above 1G (1GHz~18GHz)

Test mode: 11BE20MIMO

Test Channel:11

VERTICAL

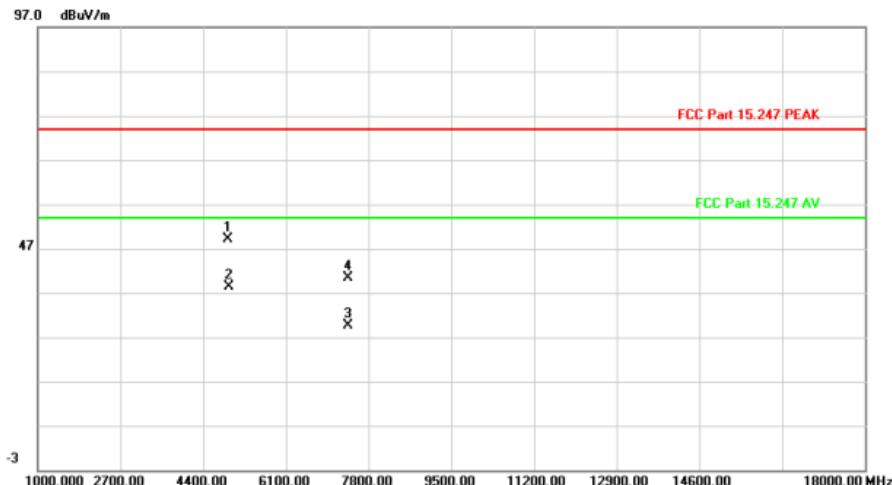
Radiated Emission



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	*	4921.009	51.11	-13.53	37.58	54.00	-16.42	AVG		
2		4928.700	60.88	-13.50	47.38	74.00	-26.62	peak		
3		7379.724	38.47	-8.89	29.58	54.00	-24.42	AVG		
4		7386.133	50.51	-8.87	41.64	74.00	-32.36	peak		

HORIZONTAL

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		4919.067	62.63	-13.54	49.09	74.00	-24.91	peak		
2	*	4923.326	51.78	-13.52	38.26	54.00	-15.74	AVG		
3		7379.009	38.47	-8.89	29.58	54.00	-24.42	AVG		
4		7386.567	49.22	-8.87	40.35	74.00	-33.65	peak		



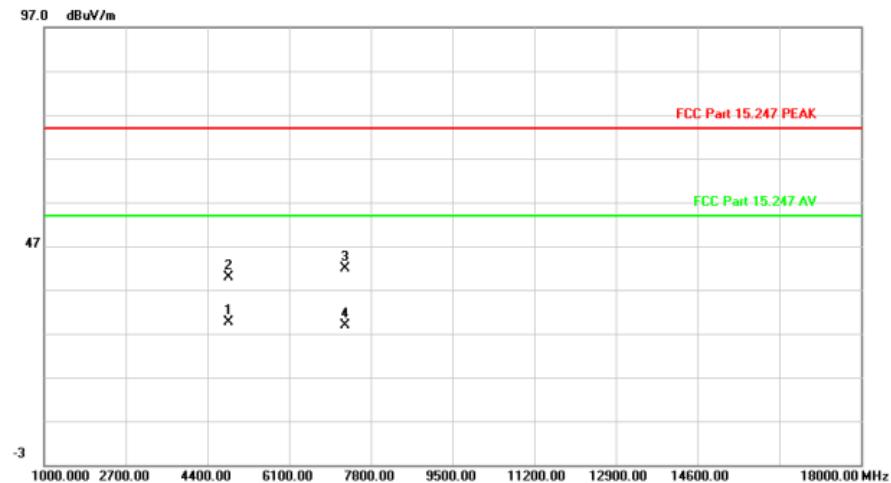
Above 1G (1GHz~18GHz)

Test mode: 11BE40MIMO

Test Channel:3

VERTICAL

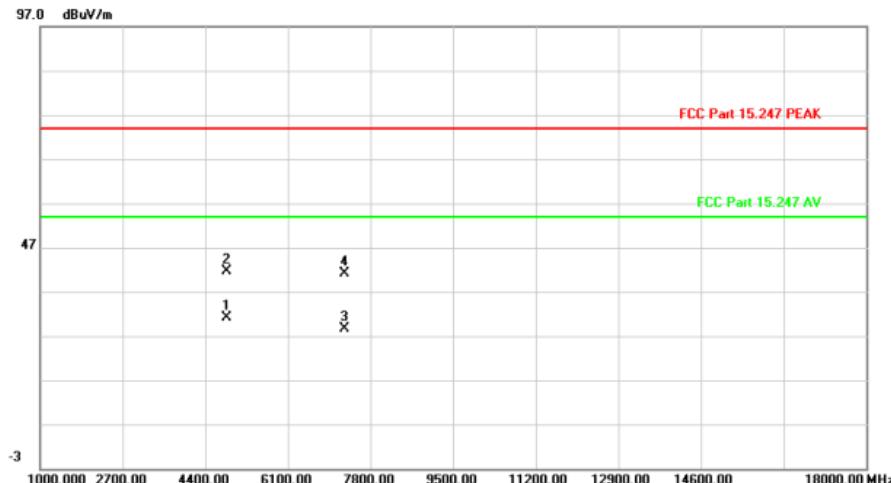
Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Degree
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1 *		4841.011	43.67	-13.93	29.74	54.00	-24.26	AVG		
2		4843.700	53.86	-13.92	39.94	74.00	-34.06	peak		
3		7266.467	51.08	-9.24	41.84	74.00	-32.16	peak		
4		7272.927	37.98	-9.22	28.76	54.00	-25.24	AVG		

HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	Degree
			Level	Factor	ment					
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1 *		4843.470	45.02	-13.92	31.10	54.00	-22.90	AVG		
2		4844.267	55.48	-13.92	41.56	74.00	-32.44	peak		
3		7259.444	37.99	-9.26	28.73	54.00	-25.27	AVG		
4		7266.500	50.25	-9.24	41.01	74.00	-32.99	peak		



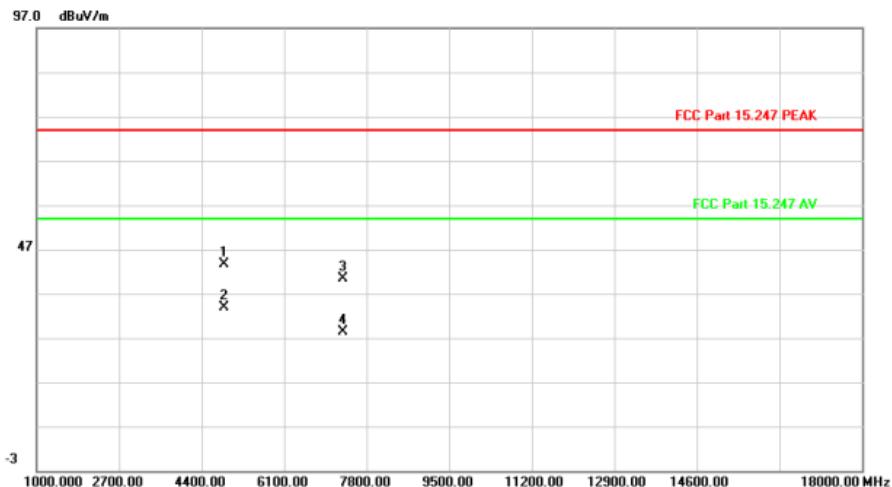
Above 1G (1GHz~18GHz)

Test mode:11BE40MIMO

Test Channel:6

VERTICAL

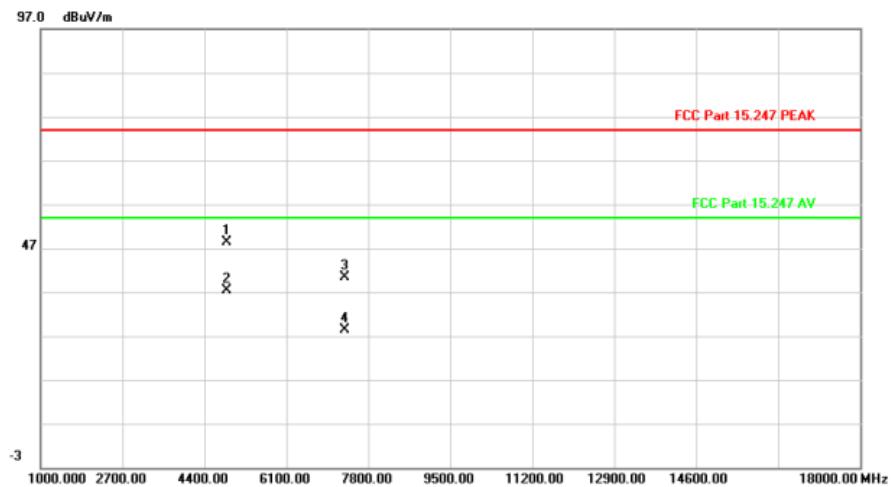
Radiated Emission



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		4874.300	57.46	-13.77	43.69	74.00	-30.31	peak			
2 *		4874.416	47.60	-13.77	33.83	54.00	-20.17	AVG			
3		7308.133	49.60	-9.11	40.49	74.00	-33.51	peak			
4		7312.922	37.55	-9.10	28.45	54.00	-25.55	AVG			

HORIZONTAL

Radiated Emission

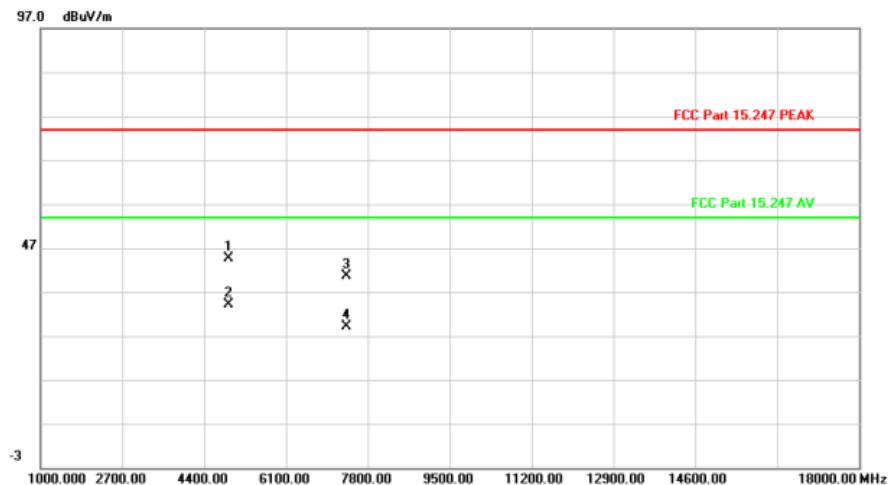


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table		
			Level	Factor	ment						
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4871.467	62.25	-13.78	48.47	74.00	-25.53	peak			
2 *		4874.526	51.15	-13.77	37.38	54.00	-16.62	AVG			
3		7311.850	49.39	-9.10	40.29	74.00	-33.71	peak			
4		7313.585	37.50	-9.09	28.41	54.00	-25.59	AVG			



VERTICAL

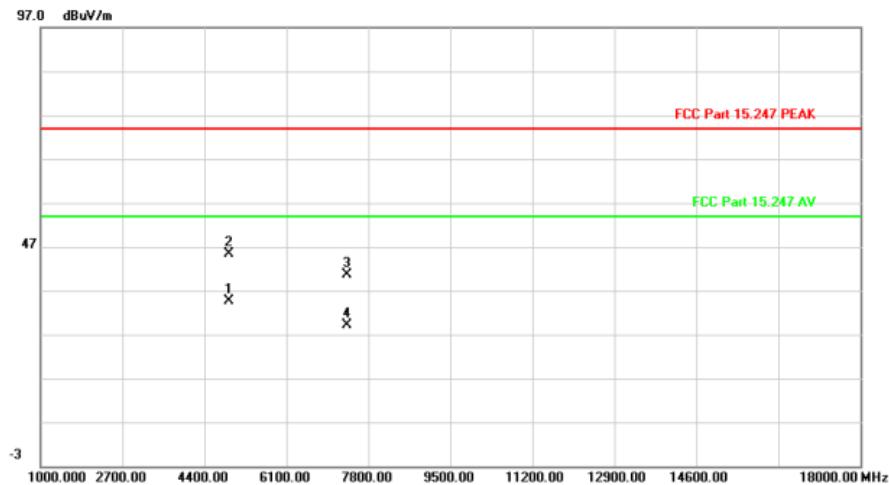
Radiated Emission



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		4903.200	58.31	-13.62	44.69	74.00	-29.31	peak			
2	*	4903.545	47.79	-13.62	34.17	54.00	-19.83	AVG			
3		7356.667	49.65	-8.96	40.69	74.00	-33.31	peak			
4		7357.688	37.97	-8.96	29.01	54.00	-24.99	AVG			

HORIZONTAL

Radiated Emission



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	*	4903.620	48.29	-13.62	34.67	54.00	-19.33	AVG			
2		4905.467	59.06	-13.61	45.45	74.00	-28.55	peak			
3		7354.600	49.67	-8.97	40.70	74.00	-33.30	peak			
4		7357.917	37.97	-8.96	29.01	54.00	-24.99	AVG			

The high frequency, which started from 18GHz to 26.5GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

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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Tel: 0755-26024411

Email: service@hy-lab.cn

End of Test Report