

RF TEST REPORT

FCC ID: 2BCFY-ERO1BEMPRO

Test Report No.....: RF250516014-01-003

Product(s) Name.....: Wireless Home Gateway

Model(s).....: ERO1BEM PRO

Trade Mark.....: HEIGHTS

Applicant.....: HEIGHTS TELECOM T LTD

Address.....: Ha-Sakhlav 6,7680900 Iru, Israel

Receipt Date.....: 2025.06.20

Test Date.....: 2025.06.20~2025.09.06

Issued Date.....: 2025.09.12

Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
ANSI C63.10:2013

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

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History of this test report

Original Report Issue Date: 2025.09.12

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

HEIGHTS TELECOM T LTD

Ha-Sakhlav 6,7680900 Iru, 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-S001	
Product(s) Name	Wireless Home Gateway	
Test Model	ERO1BEM PRO	
Trade Mark	HEIGHTS	
Power Supply	DC 12V from adapter	
Adapter information	Model: SOY-1200250US-459 Input: 100-240V~50/60Hz 0.9A Max. Output: 12.0V==2.5A 30.0W	
Operate temperature	0°C-40°C	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11BE40: 29.07dBm(0.807W)
	5250MHz ~5350MHz	802.11BE80: 23.80dBm(0.240W)
	5470MHz ~5725MHz	802.11BE40: 23.90dBm(0.245W)
	5725MHz ~5850MHz	802.11BE80: 29.75dBm(0.944W)
Product Type	IEEE 802.11a/n/ac/ax/be: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz / 160MHz	
Modulation	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax/be: OFDMA	
Antenna gain	Ant1: 4.72dBi, Ant2: 4.68dBi, Ant3: 4.73dBi, Ant4: 4.19dBi	
Directional gain	1.14dBi(from the antenna report)	
Beamforming	6.91dB	
Antenna type	PCB antenna	
Data Rate (Mbps)	IEEE 802.11a mode : 6/9/12/18/24/36/48/54 IEEE 802.11n mode : up to 600 IEEE 802.11ac mode : up to 3466.7 IEEE 802.11ax mode : up to 4803.9 IEEE 802.11be mode : up to 5764.4	

Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac /ax /be (20MHz)	5180-5240	36-48
5250-5350		5260-5320	52-64
5470-5725		5500-5700	100-140
5725-5850		5745-5825	149-165
5150-5250	802.11n /ac /ax /be (40MHz)	5190-5230	38-46
5250-5350		5270-5310	54-62
5470-5725		5510-5670	102-134
5725-5850		5755-5795	151-159
5150-5250	802.11ac /ax /be (80MHz)	5210	42
5250-5350		5290	58
5470-5725		5530-5610	106-122
5725-5850		5775	155
5150-5350	802.11 ac /ax /be (160MHz)	5250	50
5470-5725		5570	114

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

1.4 Transmit Operating Mode

Transmit Operating Mode					Transmit Multiple Antennas					
☐	Operating mode 1 (single antenna)				☐	1TX				
☐	Operating mode 2 (multiple antenna, no beam forming)				☐	2TX	☐	3TX	☒	4TX
☒	Operating mode 3 (multiple antenna, with beam forming)				☐	2TX	☐	3TX	☒	4TX
☒	802.11a	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11n(20MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11n(40MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ac(20MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ac(40MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ac(80MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ac(160MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ax(20MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ax(40MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ax(80MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11ax(160MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11be(20MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11be (40MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11be (80MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX
☒	802.11be (160MHz)	Operating mode	☐	1TX	☐	2TX	☐	3TX	☒	4TX

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart E (Section 15.407)			
Test item	Standard	Results	Remarks
AC Power Conducted Emission	15.207 15.407(b)	Pass	Meet the requirement of the limit
Radiated Emission	15.205(a) 15.209(a) 15.407(b)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note
Spectrum Bandwidth	15.407(a) 15.407(e)	Pass	Meet the requirement of the limit
Conducted Output Power	15.407(a)	Pass	Meet the requirement of the limit
Power Spectral Density	15.407(a)	Pass	Meet the requirement of the limit
Dynamic Frequency Selection (DFS)	15.407(h)	Pass	See the report RF250516014-01-004 for details
Note: The EUT has four non removable internal antenna units.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

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	2025/7/14
8	Loop Antenna	SCHWARZBECK	FMZB1519B	00029	JLE030	2024/7/15	2025/7/14
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 Operation Mode

The EUT was supplied by and it was run in TX mode that was controlled by Master provided RF testing program. The worst case test result was showed in the report.

Test channel mode
802.11a_Nss 1,(6Mbps)
802.11be EHT20-BF_Nss1,(MCS0)
802.11be EHT40-BF_Nss1,(MCS0)
802.11be EHT80-BF_Nss1,(MCS0)
802.11be EHT160-BF_Nss1,(MCS0)

Evaluated EHT20/EHT40/EHT80/EHT160 covers HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 due to similar modulation. The power setting for HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 is the same or lower than EHT20/EHT40/EHT80/EHT160.

2.5 Test Condition

Test Item	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	25°C, 53% RH	AC 120V/60Hz	Keith Huang
Radiated Emission	24°C, 51% RH	AC 120V/60Hz	Lemon He
Spectrum Bandwidth	24.4°C, 53% RH	DC 12V	Freedom Zhuo
Conducted Power	24.4°C, 53% RH	DC 12V	Freedom Zhuo
Power Spectral Density	24.4°C, 53% RH	DC 12V	Freedom Zhuo

Note: Adapter supply voltage AC 120V/60Hz.

The applicant declare the operating environment of EUT as below:

Normal conditions: DC 12V, 0~40°C

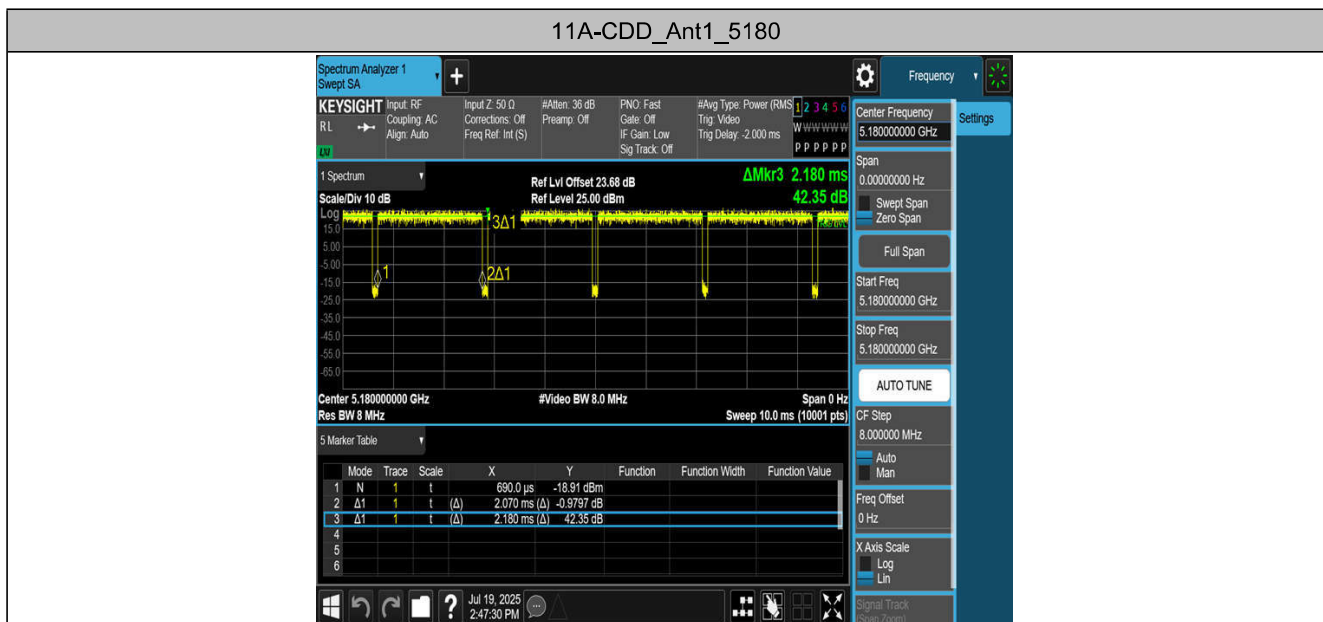
2.6 Duty Cycle of Test Signal

If duty cycle is $\geq 98\%$, duty factor is not required.

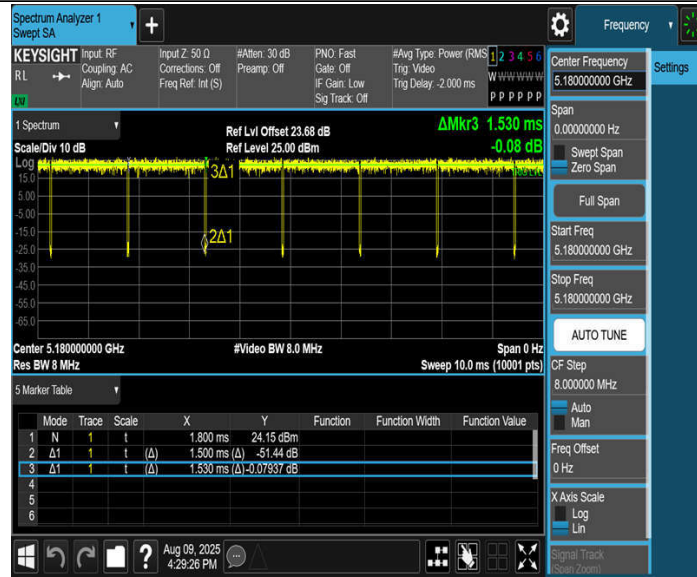
If duty cycle is $< 98\%$, duty factor shall be considered.

All the duty factor of other test mode have been considered.

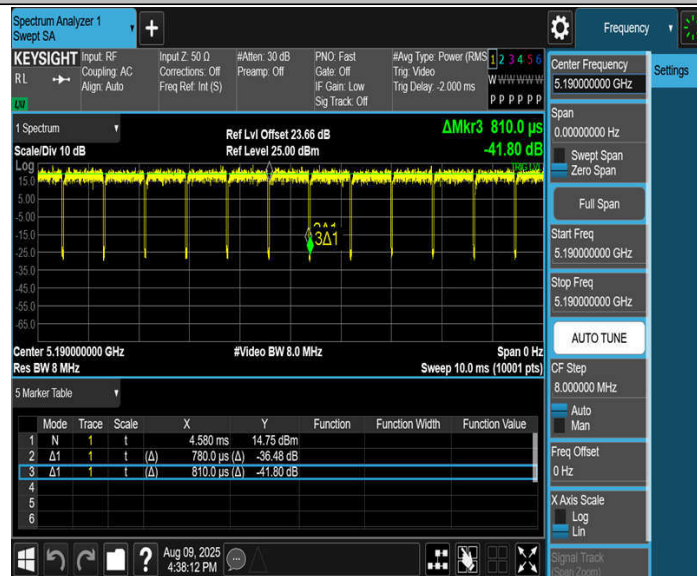
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	Ant1	5180	2.07	2.18	94.95
11BE20MIMO	Ant1	5180	1.50	1.53	98.04
11BE40MIMO	Ant1	5190	0.78	0.81	96.30
11BE80MIMO	Ant1	5210	0.41	0.44	93.18
11BE160MIMO	Ant1	5250	0.24	0.27	88.89



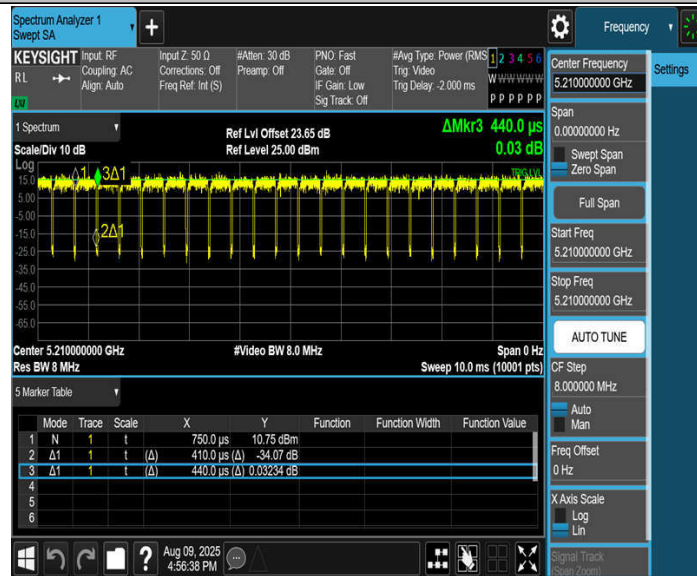
11BE20MIMO_Ant1_5180



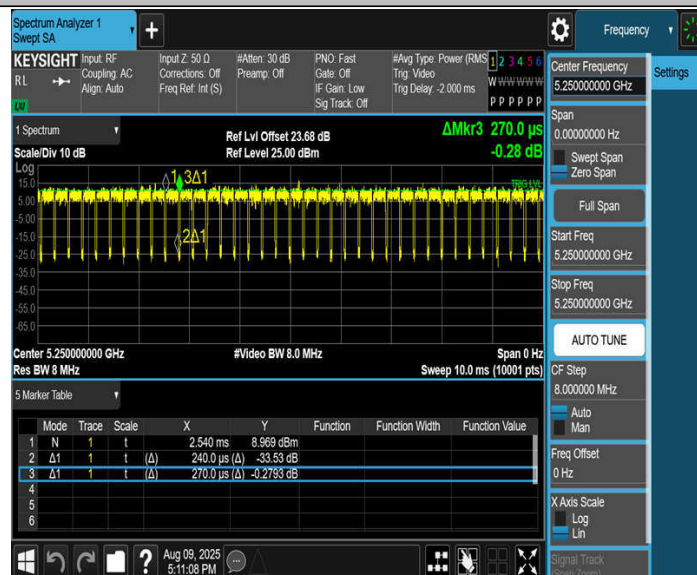
11BE40MIMO_Ant1_5190



11BE80MIMO_Ant1_5210



11BE160MIMO_Ant1_5250



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	$\pm 102\text{kHz}$
Power Spectral Density	$\pm 0.243\text{dB}$
Conducted Spurious Emission	$\pm 0.743\text{dB}$
RF power conducted	$\pm 1.328\text{dB}$
Conducted emission(9kHz~30MHz) AC main	$\pm 2.68\text{dB}$
Radiated emission(9kHz~30MHz)	$\pm 3.50\text{dB}$
Radiated emission (30MHz~1GHz)	$\pm 4.20\text{dB}$
Radiated emission (1GHz~18GHz)	$\pm 5.10\text{dB}$
Radiated emission (18GHz~40GHz)	$\pm 5.26\text{dB}$

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 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.

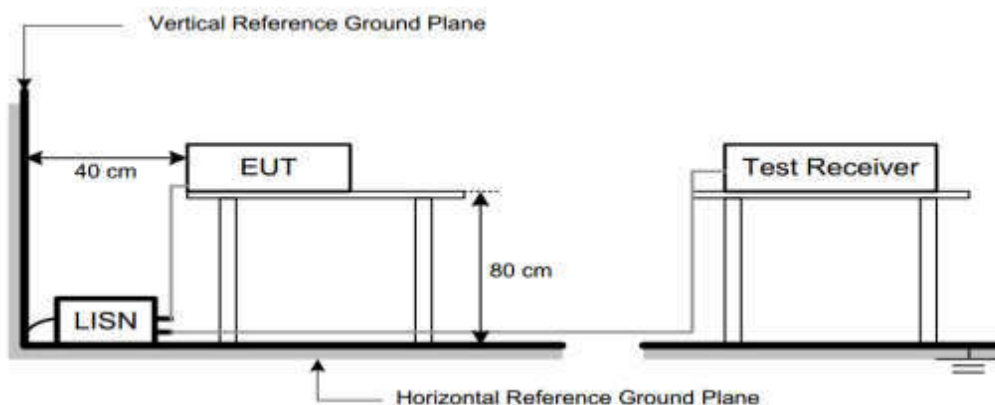
2. The lower limit shall apply at the transition frequencies.

3.1.2 Test Procedure

Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
○ Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○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

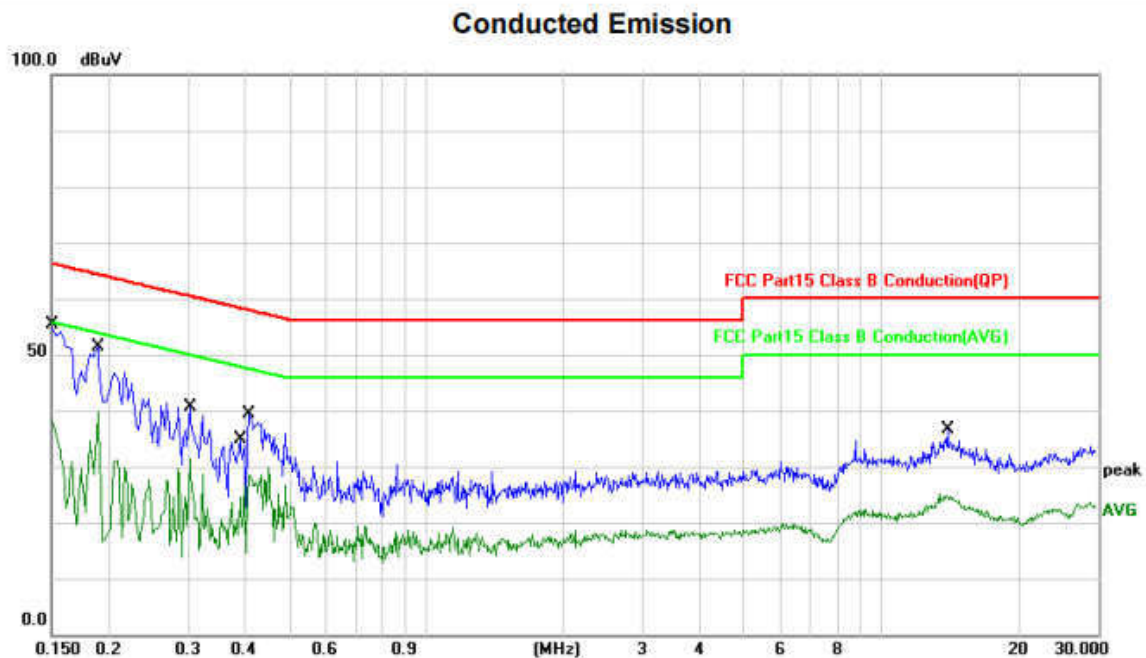


3.1.4 Test Result

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
4. The TX N40 Mode Channel 159 is found to be the worst case and recorded.

150kHz~30MHz	TX 11AX40MIMO Channel 64
Line	



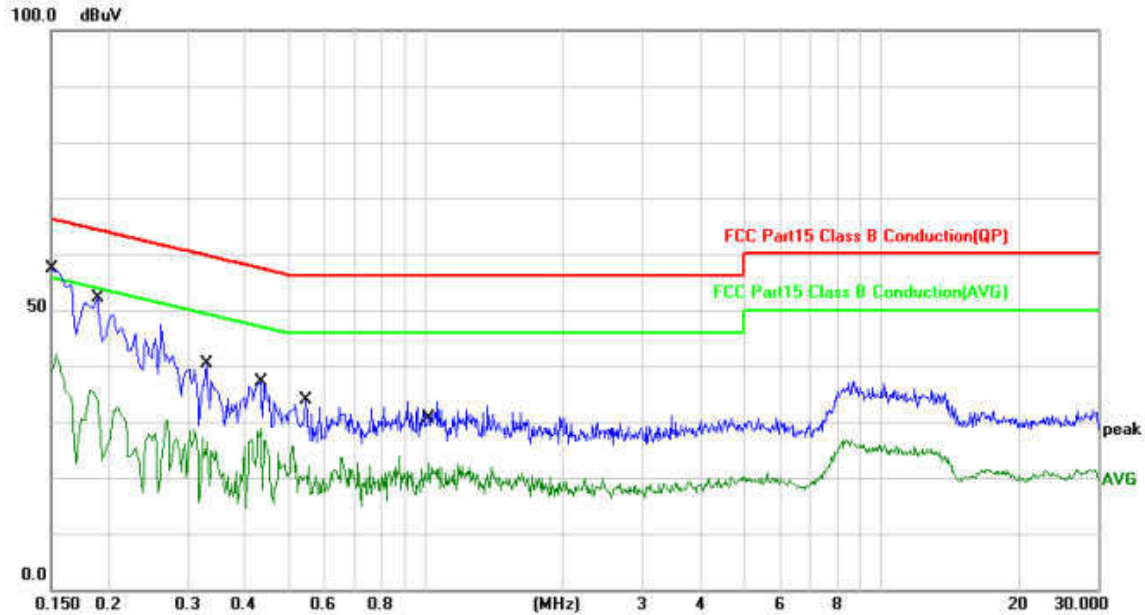
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	0.1521	36.26	19.49	55.75	65.88	-10.13	QP		
2		0.1521	20.30	19.49	39.79	55.88	-16.09	AVG		
3		0.1895	28.56	19.53	48.09	64.06	-15.97	QP		
4		0.1895	12.22	19.53	31.75	54.06	-22.31	AVG		
5		0.3042	18.13	19.52	37.65	60.13	-22.48	QP		
6		0.3042	5.82	19.52	25.34	50.13	-24.79	AVG		
7		0.3905	12.02	19.52	31.54	58.05	-26.51	QP		
8		0.3905	3.37	19.52	22.89	48.05	-25.16	AVG		
9		0.4114	16.60	19.53	36.13	57.62	-21.49	QP		
10		0.4114	7.46	19.53	26.99	47.62	-20.63	AVG		
11		13.9705	7.47	20.63	28.10	60.00	-31.90	QP		
12		13.9705	2.81	20.63	23.44	50.00	-26.56	AVG		

150kHz~30MHz

TX 11AX40MIMO Channel 64

Neutral

Conducted Emission



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree	Comment
1	*	0.1517	36.09	19.70	55.79	65.91	-10.12	QP		
2		0.1517	19.69	19.70	39.39	55.91	-16.52	AVG		
3		0.1891	28.88	19.70	48.58	64.08	-15.50	QP		
4		0.1891	12.38	19.70	32.08	54.08	-22.00	AVG		
5		0.3291	13.83	19.70	33.53	59.47	-25.94	QP		
6		0.3291	2.84	19.70	22.54	49.47	-26.93	AVG		
7		0.4351	14.89	19.73	34.62	57.15	-22.53	QP		
8		0.4351	4.85	19.73	24.58	47.15	-22.57	AVG		
9		0.5500	6.54	19.75	26.29	56.00	-29.71	QP		
10		0.5500	-0.35	19.75	19.40	46.00	-26.60	AVG		
11		1.0134	7.22	19.88	27.10	56.00	-28.90	QP		
12		1.0134	0.84	19.88	20.72	46.00	-25.28	AVG		

3.2 Radiated Emission

3.2.1 Limit

1) Limit of radiated emission measurement:

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	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 – 0.49	300	$2400/F(\text{kHz})$	-
0.490 – 1.705	30	$24000/F(\text{kHz})$	-
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 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Note: (1) Emission level $\text{dB}\mu\text{V} = 20 \log$ Emission level $\mu\text{V/m}$

(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.

2) Limit of unwanted emission out of the restricted bands:

Frequency(MHz)	EIRP Limit(dBm/MHz)	Equivalent Field Strength at 3m($\text{dB}\mu\text{V}/\text{m}$)
5150-5250	-27	68.2
5250-5350	-27	68.2
5470-5725	-27	68.2
5725-5850	-27 NOTE (2)	68.2
	10 NOTE (2)	105.2
	15.6 NOTE (2)	110.8
	27 NOTE (2)	122.2

Note: (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$, for $d=3\text{m}$

(2) According to 15.407(b)(4)(i), all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

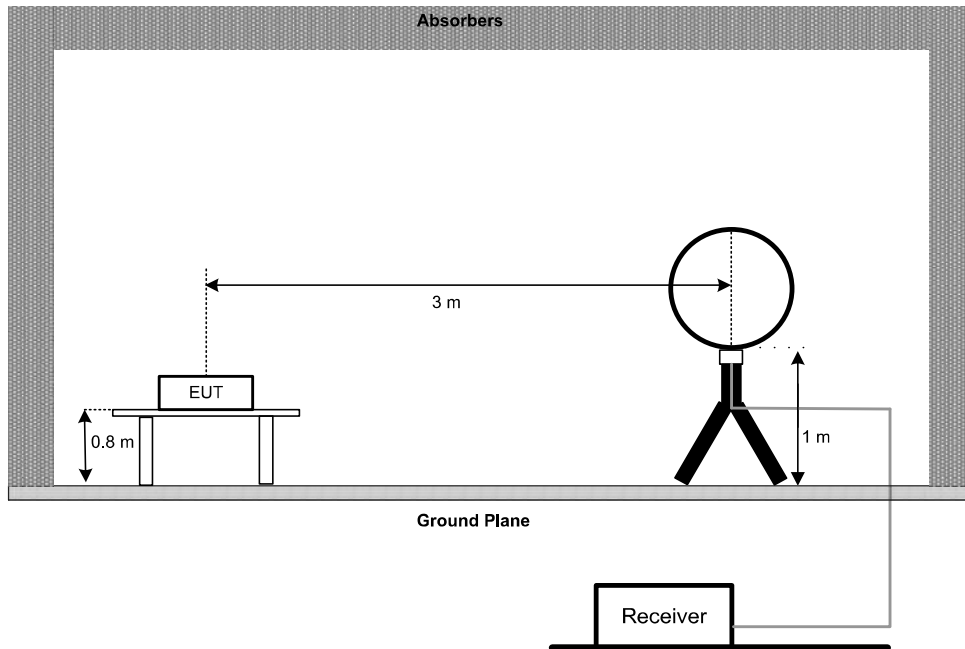
3.2.2 Test Procedure

Test Method	
○Conducted Measurement	●Radiated Measurement
Test Channels	
●Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

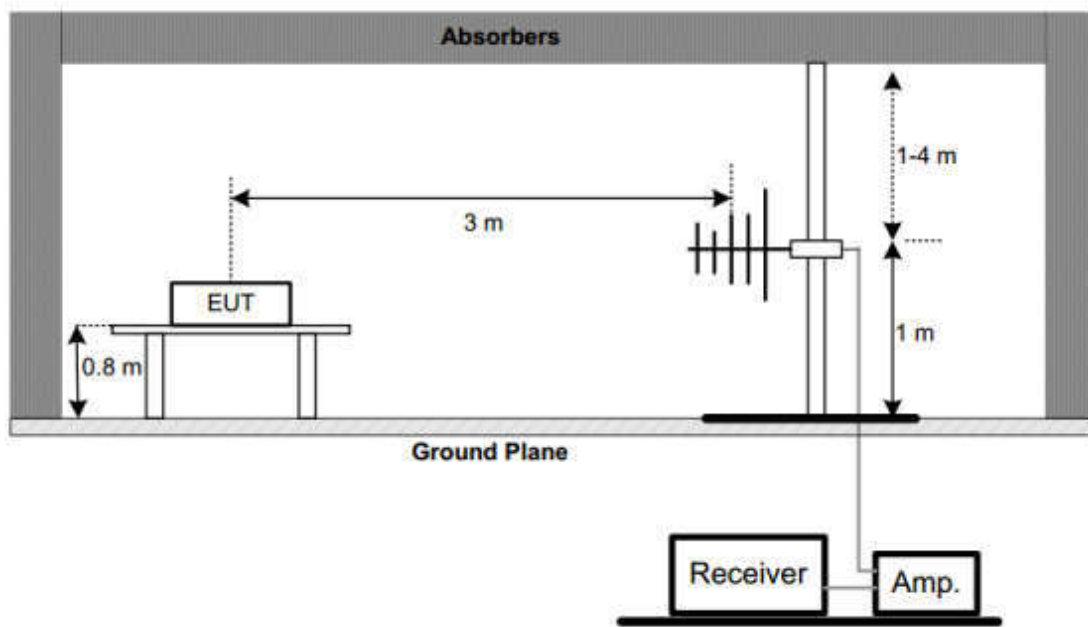
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance of 3 m 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)
- 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.

3.2.3 Test Setup

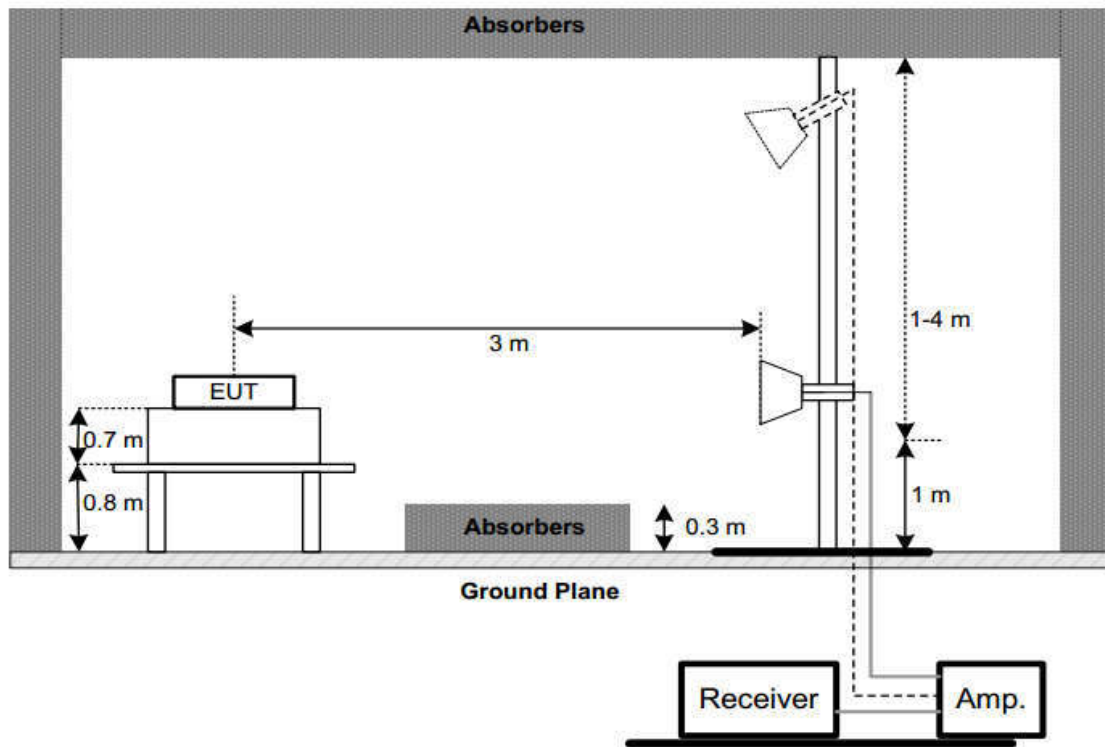
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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

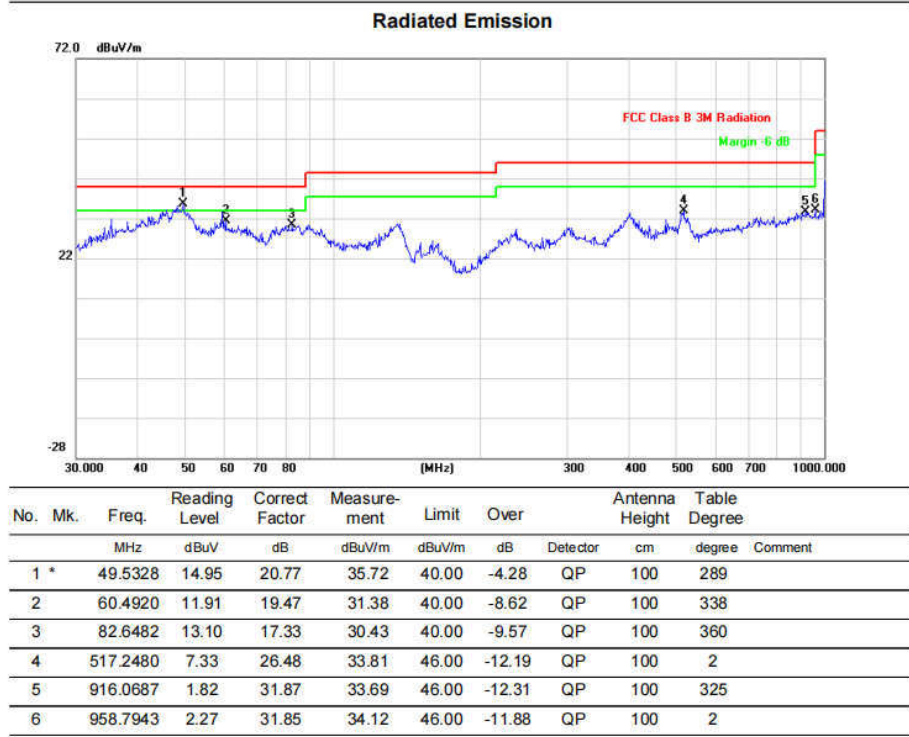
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX N40 Mode Channel 159 is found to be the worst case and recorded.

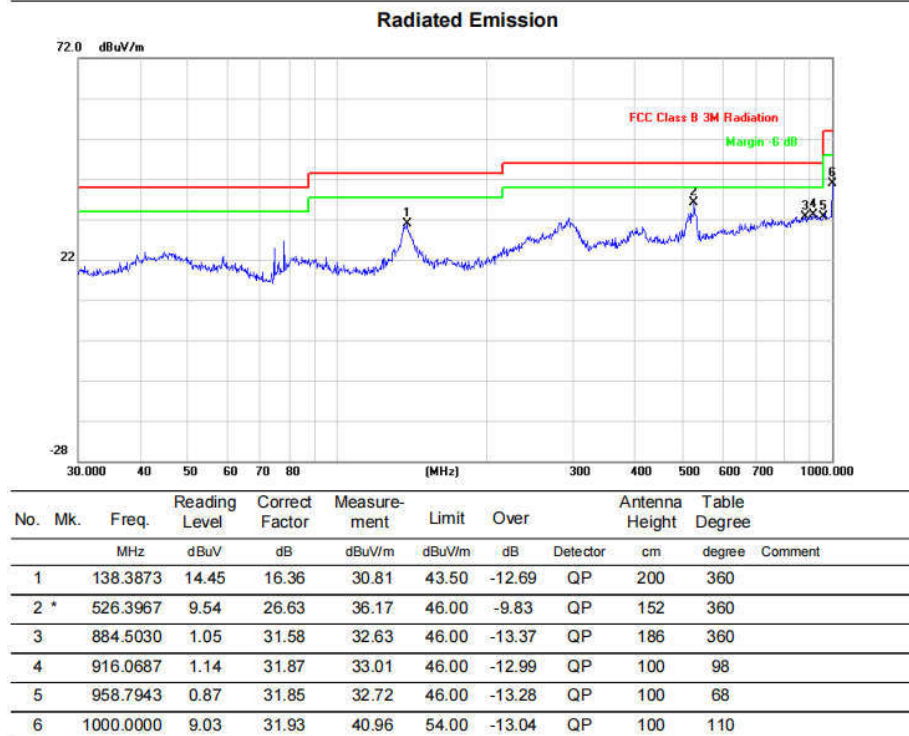
Below 1G (30MHz~1GHz)

TX 11AX40MIMO Channel 64

VERTICAL



HORIZONTAL



3) Radiated emission: Above 1G

Note:

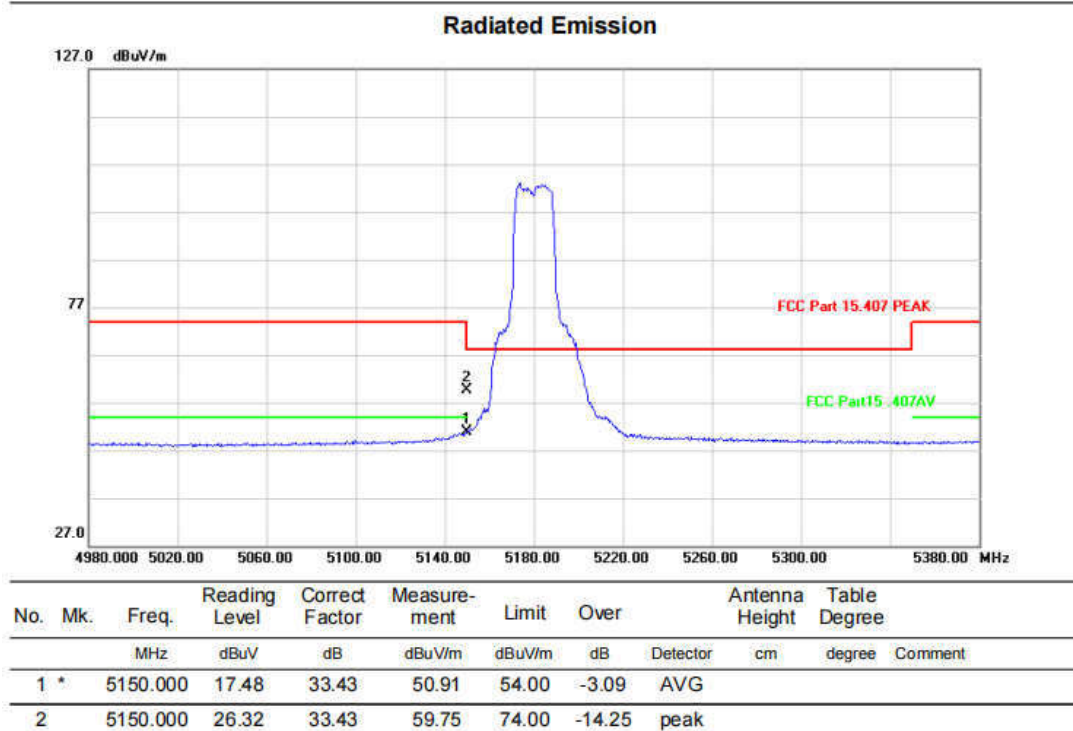
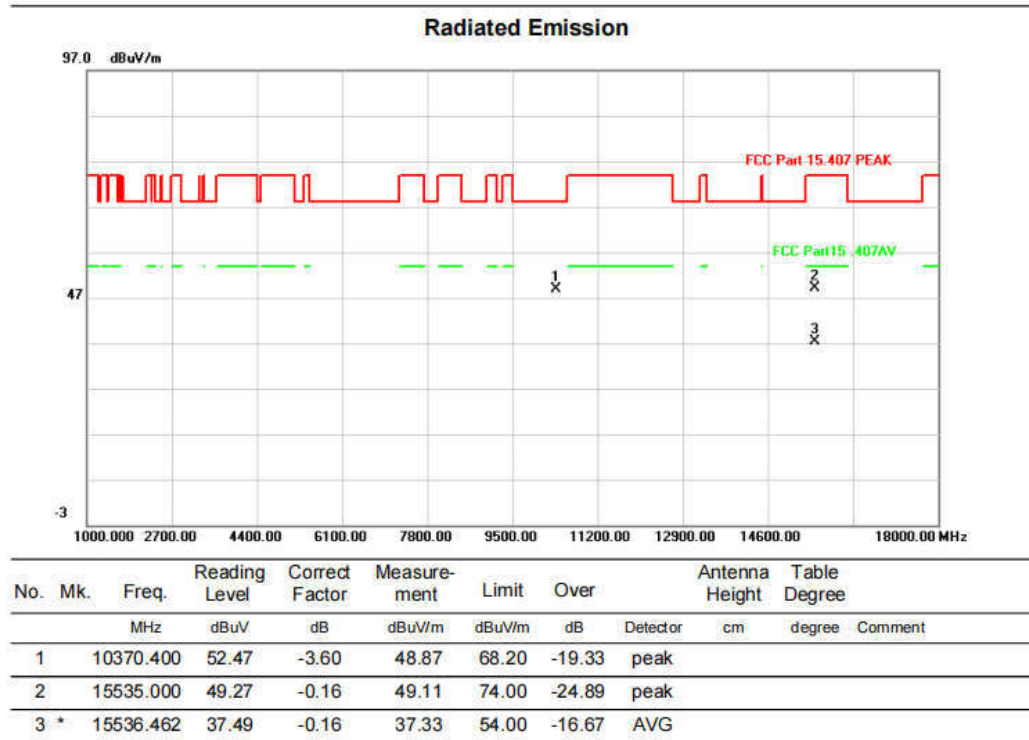
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. Pre-scan TPC_H and TPC_L, worst case for TPC_H was recorded.

Above 1G (1GHz~18GHz)

Test mode:11A(6Mbps)_2TX

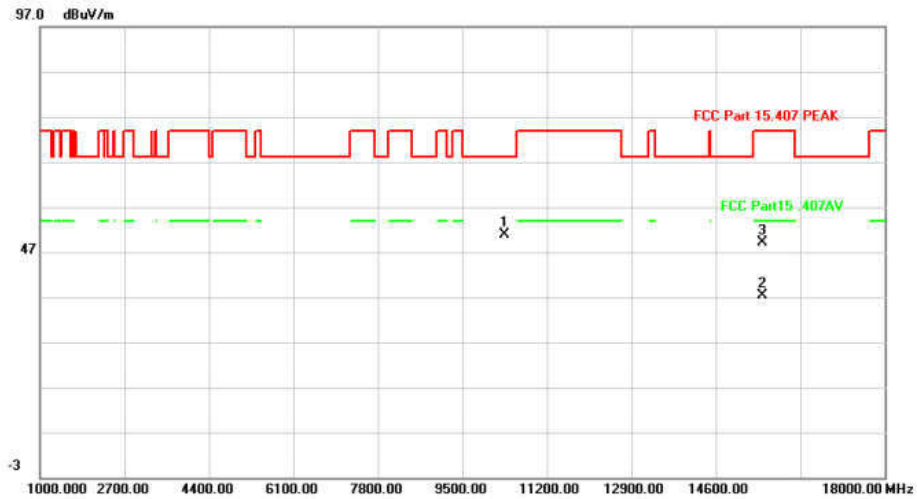
Test Channel:36

VERTICAL



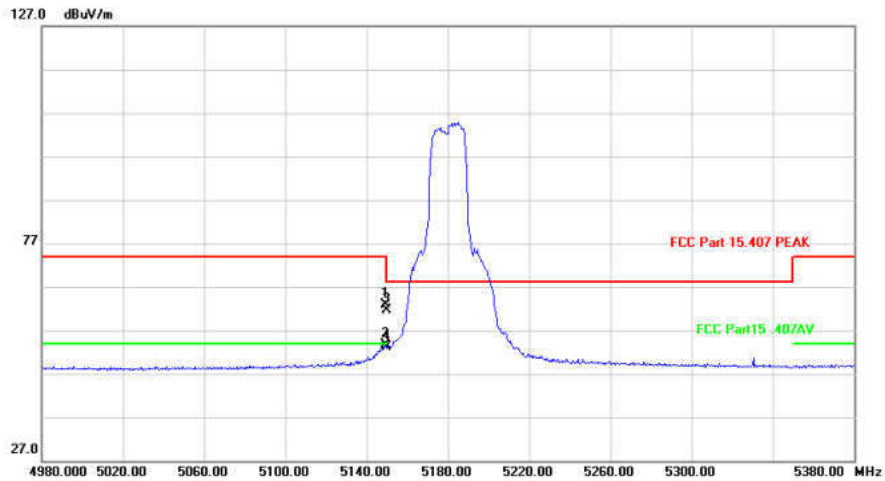
HORIZONTAL

Radiated Emission



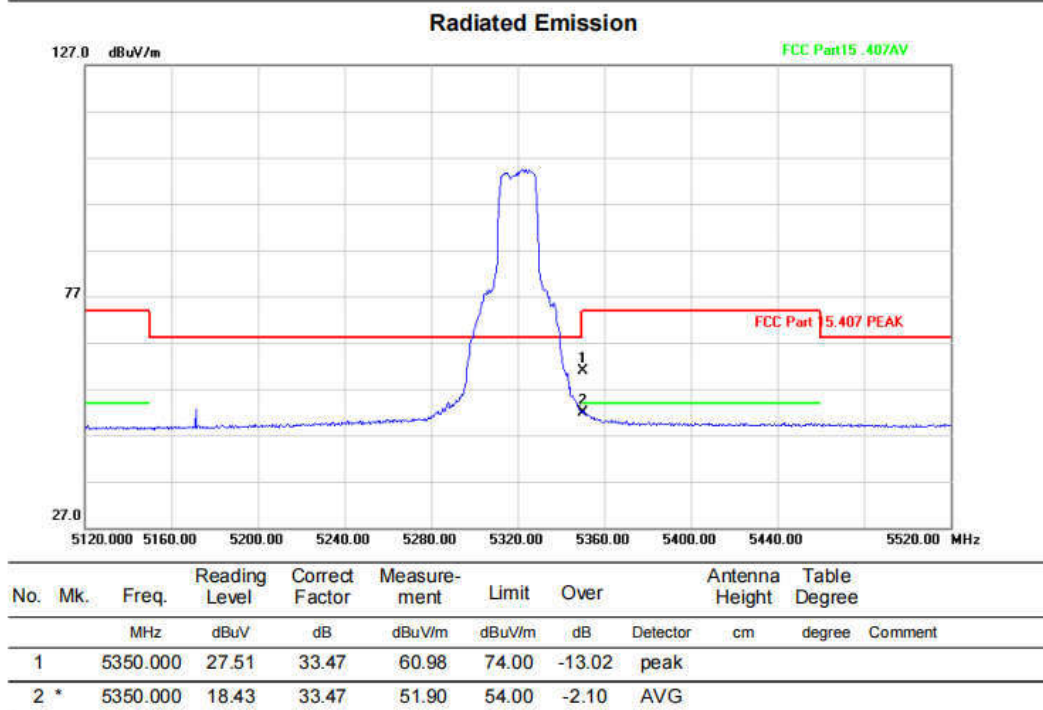
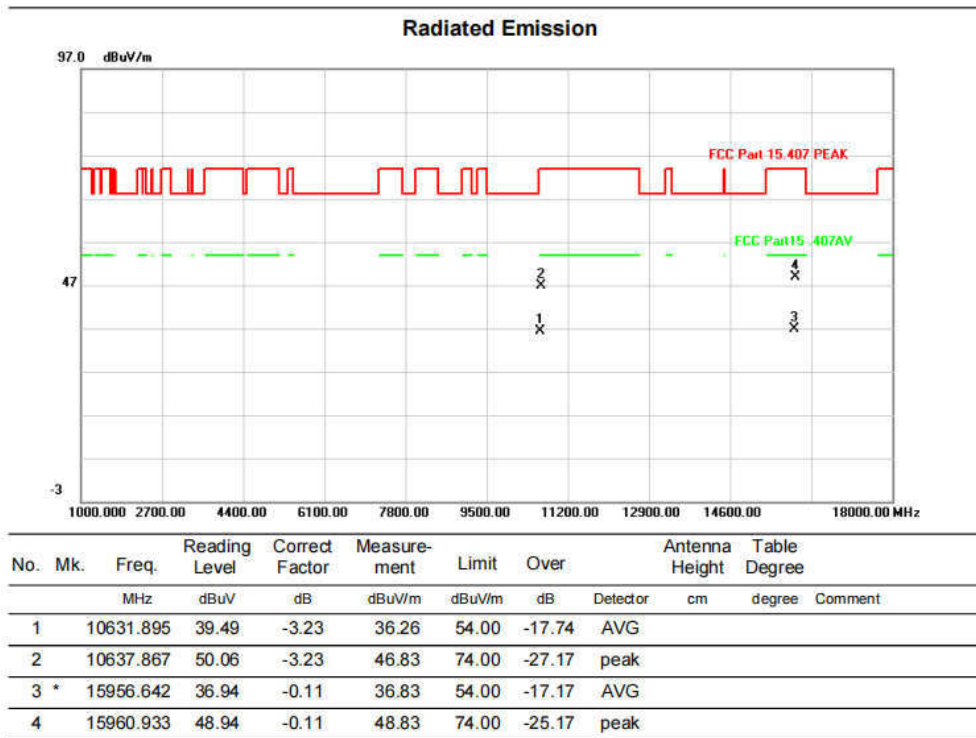
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10348.867	54.50	-3.64	50.86	68.20	-17.34	peak		
2 *		15545.917	37.57	-0.16	37.41	54.00	-16.59	AVG		
3		15548.033	49.33	-0.16	49.17	74.00	-24.83	peak		

Radiated Emission



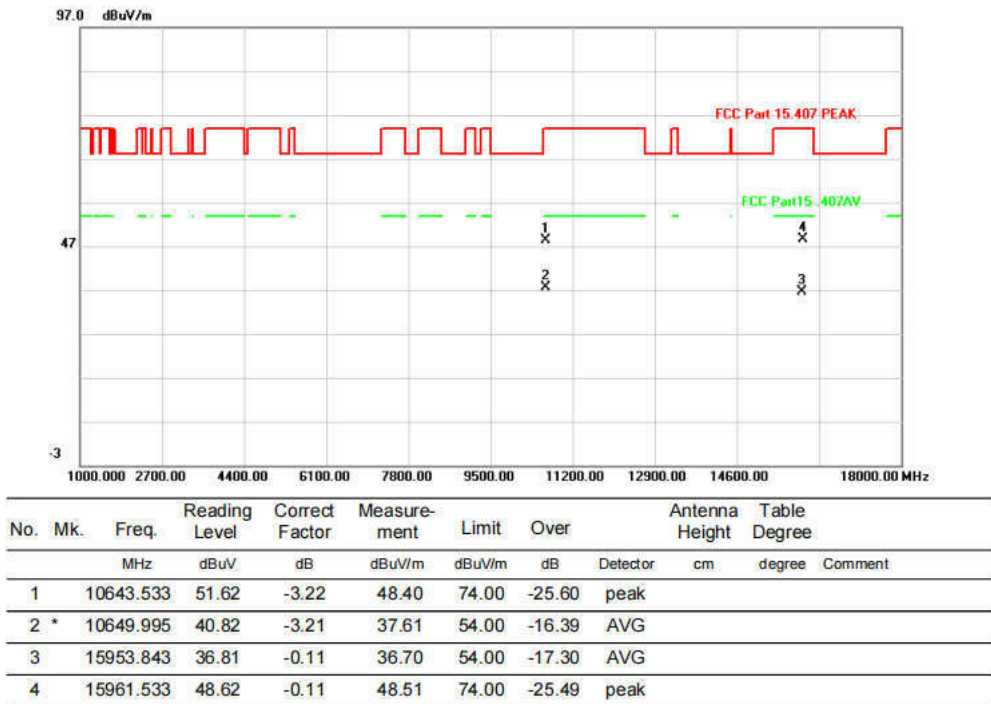
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5149.200	29.35	33.43	62.78	74.00	-11.22	peak		
2 *		5149.200	20.10	33.43	53.53	54.00	-0.47	AVG		
3		5150.000	28.21	33.43	61.64	74.00	-12.36	peak		
4		5150.000	19.73	33.43	53.16	54.00	-0.84	AVG		

VERTICAL

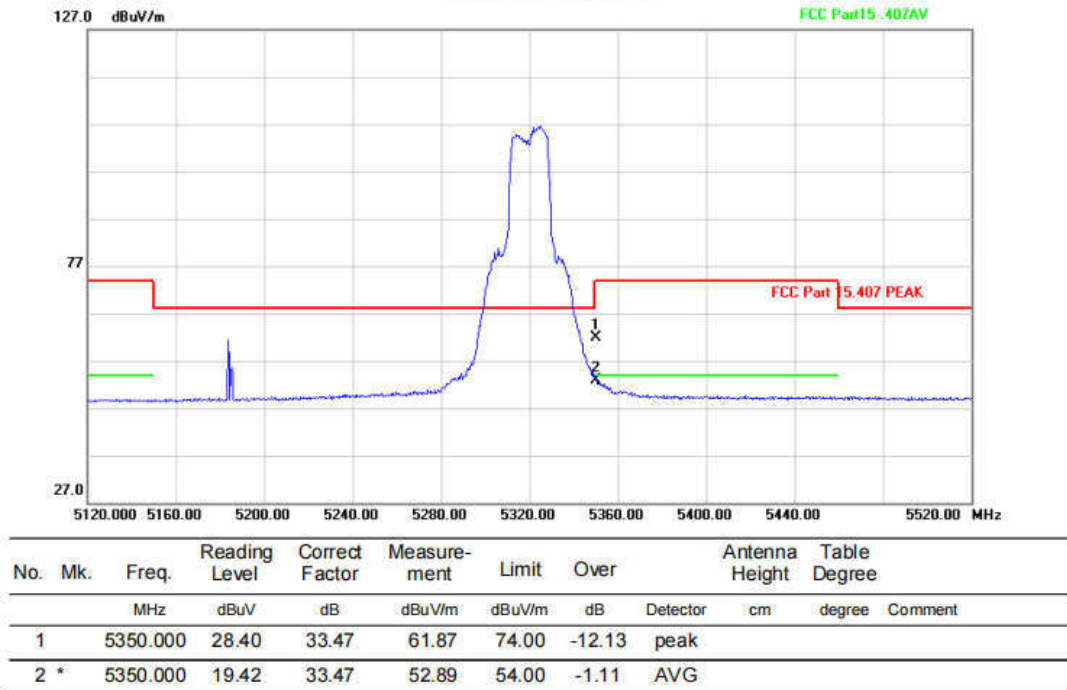


HORIZONTAL

Radiated Emission



Radiated Emission



Above 1G (1GHz~18GHz)

Test mode: 11A(6Mbps)_2TX

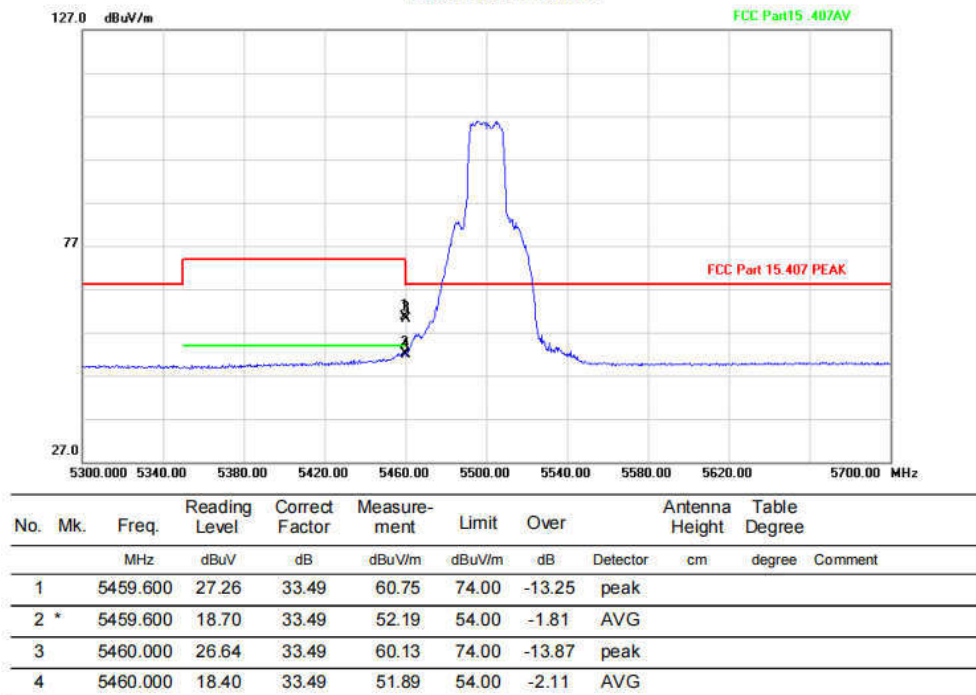
Test Channel:100

VERTICAL

Radiated Emission



Radiated Emission

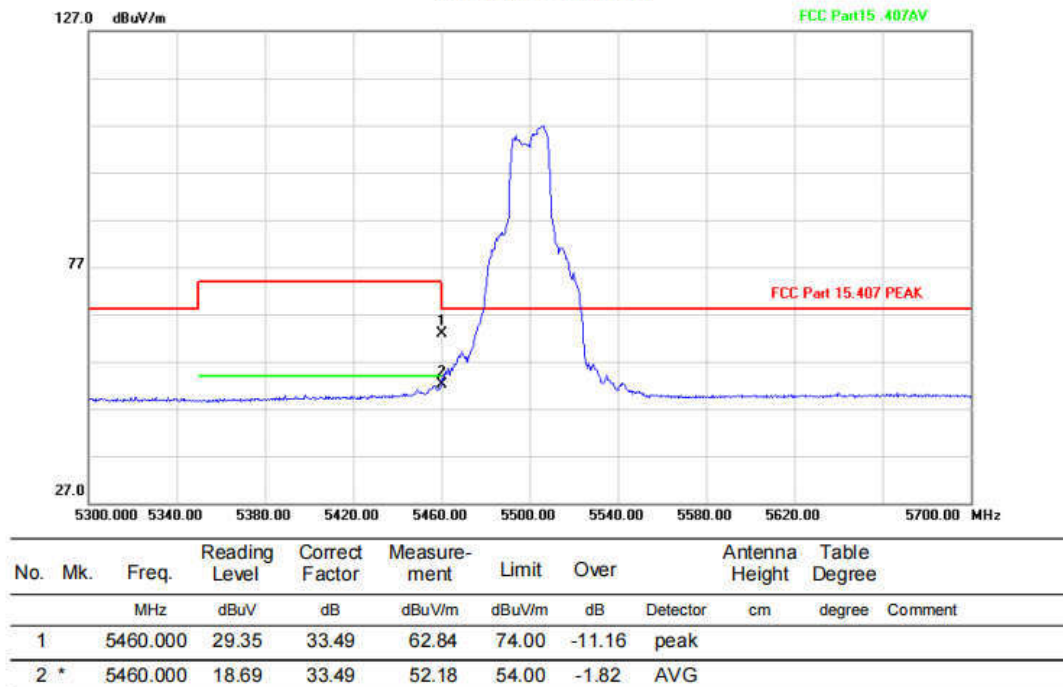


HORIZONTAL

Radiated Emission



Radiated Emission



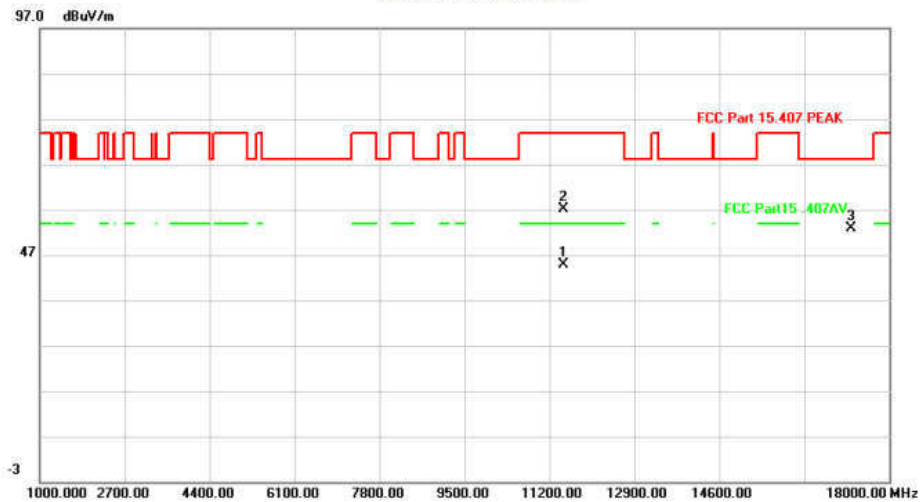
Above 1G (1GHz~18GHz)

Test mode: 11A(6Mbps)_2TX

Test Channel:149

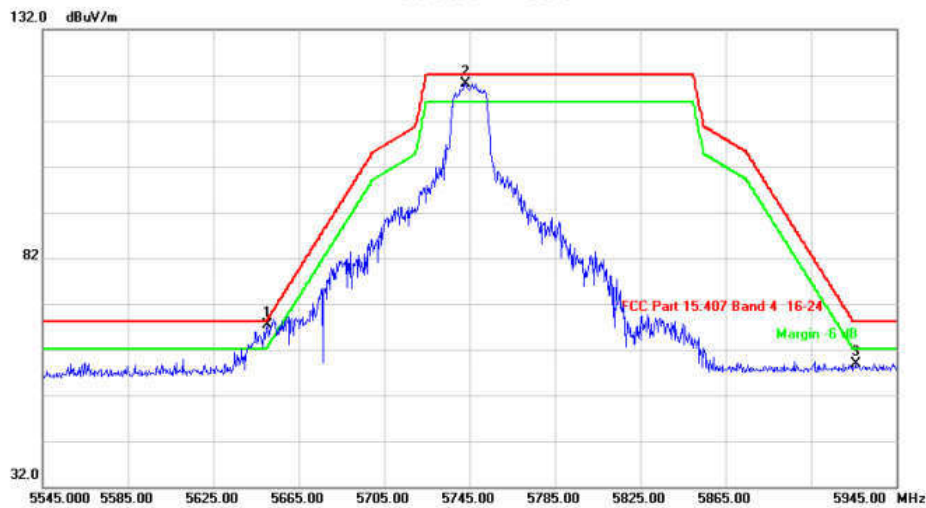
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11490.818	45.34	-0.36	44.98	54.00	-9.02	AVG		
2		11491.833	57.54	-0.35	57.19	74.00	-16.81	peak		
3		17234.433	49.04	3.79	52.83	68.20	-15.37	peak		

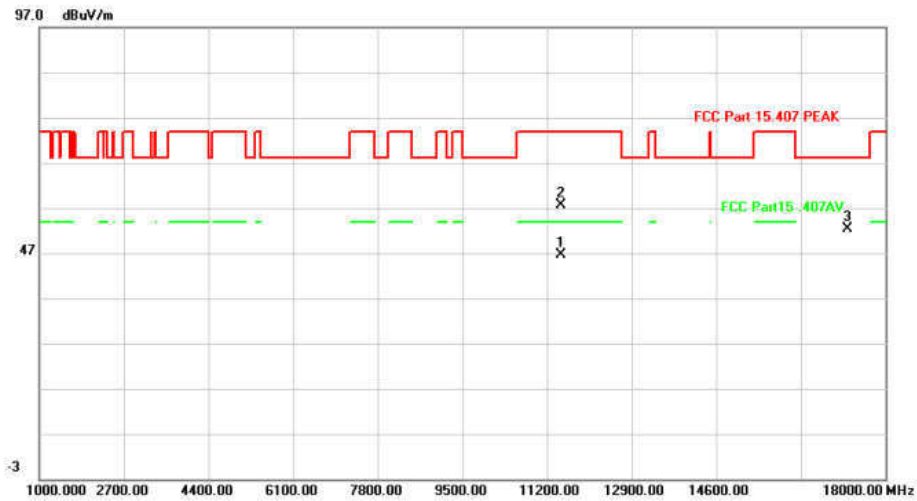
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5650.200	33.57	33.77	67.34	68.35	-1.01	peak		
2	!	5743.000	86.27	33.94	120.21	122.20	-1.99	peak		
3		5925.800	24.66	34.27	58.93	68.20	-9.27	peak		

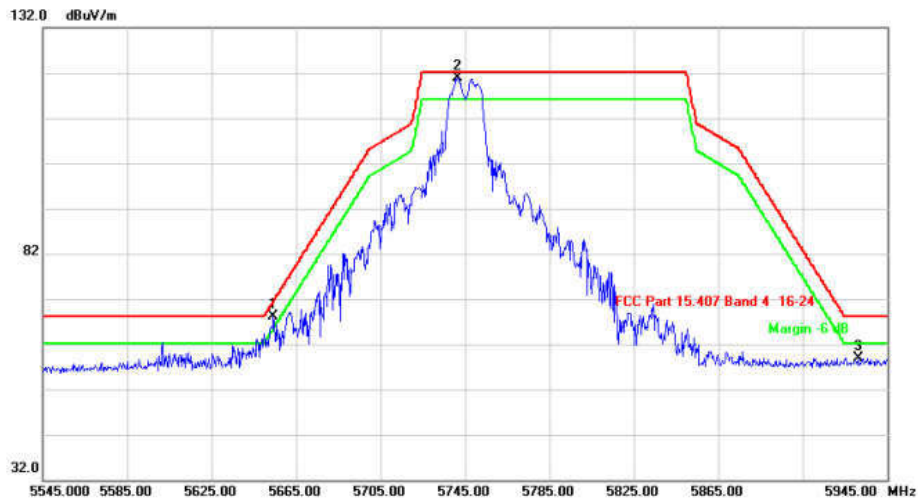
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11485.596	47.04	-0.38	46.66	54.00	-7.34	AVG		
2		11486.733	58.13	-0.38	57.75	74.00	-16.25	peak		
3		17235.500	48.65	3.79	52.44	68.20	-15.76	peak		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	!	5654.200	34.38	33.78	68.16	71.32	-3.16	peak		
2	*	5741.400	86.88	33.93	120.81	122.20	-1.39	peak		
3		5931.400	24.65	34.28	58.93	68.20	-9.27	peak		

Above 1G (1GHz~18GHz)

Test mode: 11A(6Mbps)_2TX

Test Channel:165

VERTICAL

