

RF TEST REPORT

FCC ID: 2BTLL-GIT01

Test Report No.....: RF251107008-03-002

Product(s) Name.....: Mini PC

Model(s).....: IT15 Max, IT***** (* Representing numbers 0-9, letters A-Z, a-z, "-"
or spaces)

Trade Mark.....: GEEKOM

Applicant.....: Shenzhen Geekom Electronic Technology Co., Ltd

Address.....: B705 No. 1044, Cha Guang Road, Shu Guang Community, Xi Li
Street, Nan Shan District, Shen Zhen, China

Receipt Date.....: 2025.11.13

Test Date.....: 2025.11.16 ~ 2025.12.04

Issued Date.....: 2025.12.08

Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
ANSI C63.10:2020

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

Prepared By:	Checked By:	Approved By:	
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<i>Jason Huang</i>	<i>Black Ding</i>	<i>Tim Zhang</i>	

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History of this test report

Original Report Issue Date: 2025.12.08

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Shenzhen Geekom Electronic Technology Co., Ltd

B705 No. 1044, Cha Guang Road, Shu Guang Community, Xi Li Street, Nan Shan District, Shen Zhen, China

1.2 Manufacturer

Shenzhen Geekom Electronic Technology Co., Ltd

B705 No. 1044, Cha Guang Road, Shu Guang Community, Xi Li Street, Nan Shan District, Shen Zhen, China

1.3 Basic Description of Equipment Under Test

Sample No.	POC251107008-S001	
Product name	Mini PC	
Model name	IT15 Max, IT***** (*Representing numbers 0-9, letters A-Z, a-z, "-" or spaces)	
Test model	IT15 Max	
Model difference	Only the model name and colors are different	
Trade Mark	GEEKOM	
Power supply	DC 19V from adapter	
Adapter1 information	Model name: hyleton-120W-1906320 Input: 100-240V~, 50-60Hz, 2A Max Output: 19.0V===6.32A, 120.0W	
Adapter2 information	Model name: BSY120S1906323 D Input: 100-240V~, 50/60Hz, 2.5A Output: 19.0V===6.32A, 120.0W	
Operate temperature	0℃-35℃	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max Conducted Output Power	5150MHz ~5250MHz	802.11n20: 12.73dBm(0.019W)
	5725MHz ~5850MHz	802.11n40: 16.12dBm(0.041W)
Product Type	IEEE 802.11a/n/ac/ax: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz	
Modulation	OFDM, OFDMA	
Antenna gain	5150MHz ~ 5250MHz ANT1: 3.72dBi; ANT2: 3.86 dBi	
	5725MHz ~5850MHz ANT1: 3.40dBi; ANT2: 3.82 dBi	
Antenna type	Integrated Antenna	
Data Rate (Mbps)	IEEE 802.11a mode : 6/9/12/18/24/36/48/54	
	IEEE 802.11n mode : up to 300	
	IEEE 802.11ac mode : up to 866.6	
	IEEE 802.11ax mode : up to 1201	
Type of Device	Slaver device	

Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac /ax (20MHz)	5180-5240	36-48
5725-5850		5745-5825	149-165
5150-5250	802.11n /ac /ax (40MHz)	5190-5230	38-46
5725-5850		5755-5795	151-159
5150-5250	802.11ac /ax (80MHz)	5210	42
5725-5850		5775	155

Note: For 802.11ax 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
☒	802.11ax(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

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
Note: The EUT has 2 Integrated antennas arrangement which was permanently attached.			

2.2 Application of Standard

47 CFR FCC Part 15, Subpart E

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

ANSI C63.10:2020

2.3 Test Instruments

Radiated Emissions							
No.	Equipment	Manufacturer	Type No.	Serial No.	Inventory No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
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	SCHWARZBEC K	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	SCHWARZBEC K	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	SCHWARZBEC K	FMZB15 19B	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				
RF Conducted Emission							
1	MXA Signal Analyzer	Keysight	N9021B	MY60080 169	JLE050	2025/3/1	2026/2/28
2	RF Control Unit	dsusoft	JS0806-2	21G8060 449	JLE053	2025/3/1	2026/2/28
3	power supply unit	dsusoft	JS0806-4 ADC	N/A	JLE055	2025/3/1	2026/2/28
4	VXG Signal Generator	Keysight	N5182B	MY59100 855	JLE068	2025/4/15	2026/4/14
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101 282	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.000 2K50-116 064-Dt	JLE054	2025/3/1	2026/2/28
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				
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	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2025/3/1	2026/2/28
4	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2025/3/1	2026/2/28
5	Temp&Humidity Recorder	Meideshi	JR900	/	JLE020	2025/4/15	2026/4/14
6	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				

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.

2.5 Test Condition

Test Item	Environmental conditions	Input Power	Tested by
AC Power Conducted Emission	23.8°C, 52% RH	AC 120V/60Hz	Keith Huang
Radiated Emission	23.9°C, 50% RH	AC 120V/60Hz	Lemon He
Spectrum Bandwidth	23.4°C, 52% RH	DC 19V	Freedom Zhuo
Conducted Power	23.4°C, 52% RH	DC 19V	Freedom Zhuo
Power Spectral Density	23.4°C, 52% RH	DC 19V	Freedom Zhuo

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 19V DC, 0~35°C

2.6 Duty Cycle of Test Signal

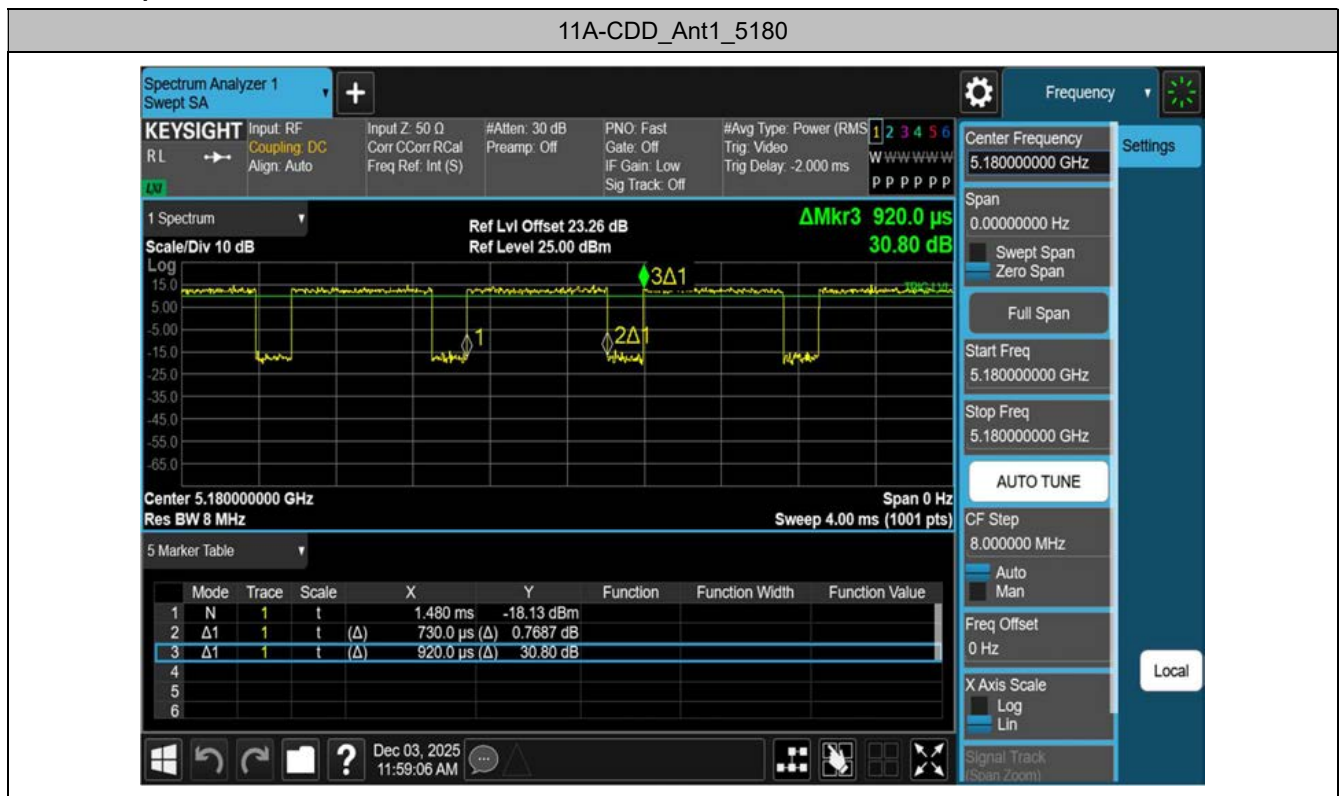
If duty cycle is $\geq 98\%$, duty factor is not required.

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

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

Test Mode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	5180	0.73	0.92	79.35
11N20MIMO	5180	1.20	1.36	88.24
11N40MIMO	5190	1.22	1.39	87.77
11AC20MIMO	5180	1.16	1.32	87.88
11AC40MIMO	5190	1.21	1.37	88.32
11AC80MIMO	5210	1.38	1.57	87.90
11AX20MIMO	5180	1.20	1.36	88.24
11AX40MIMO	5190	1.21	1.37	88.32
11AX80MIMO	5210	1.21	1.37	88.32

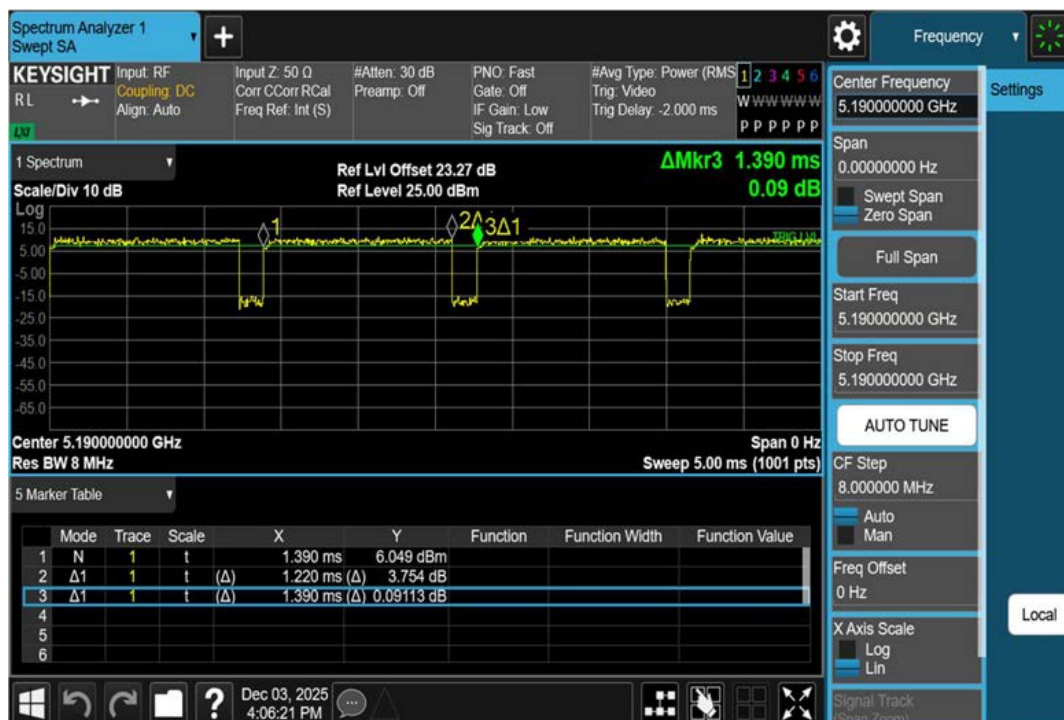
Test Graphs



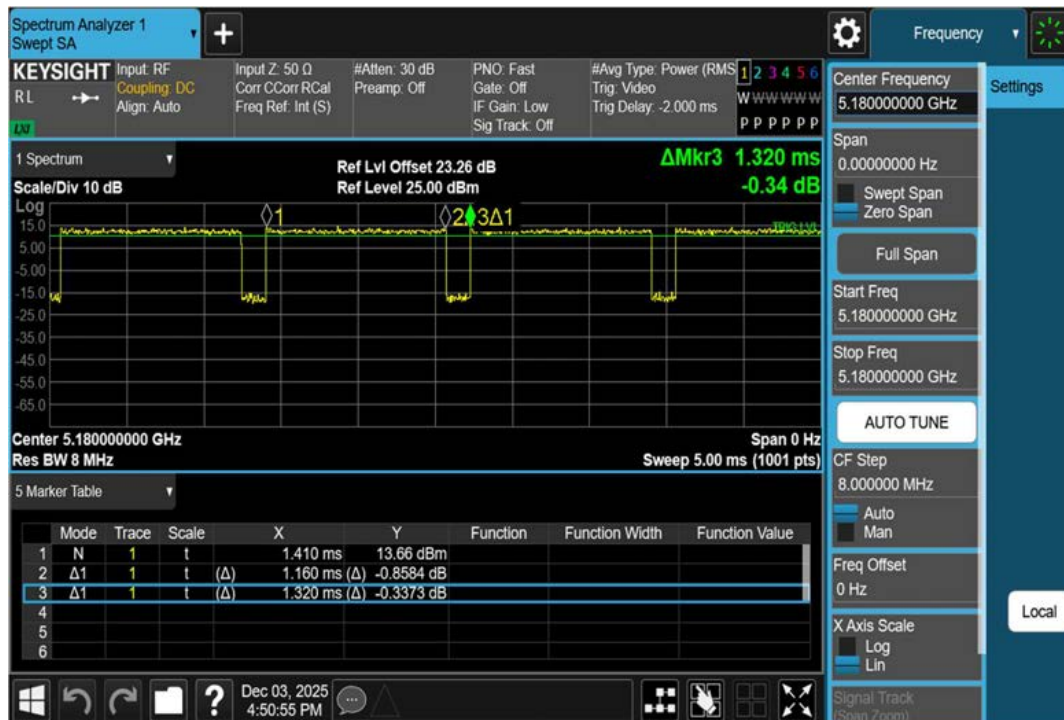
NTNV-11N20MIMO-Ant1-5180



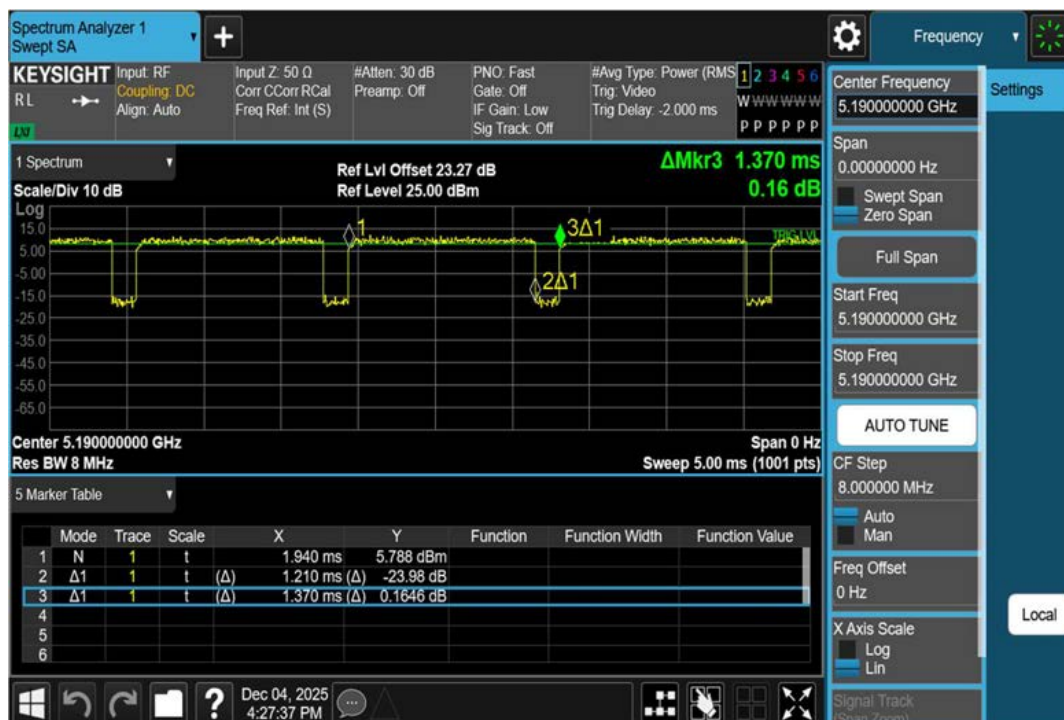
NTNV-11N40MIMO-Ant1-5190



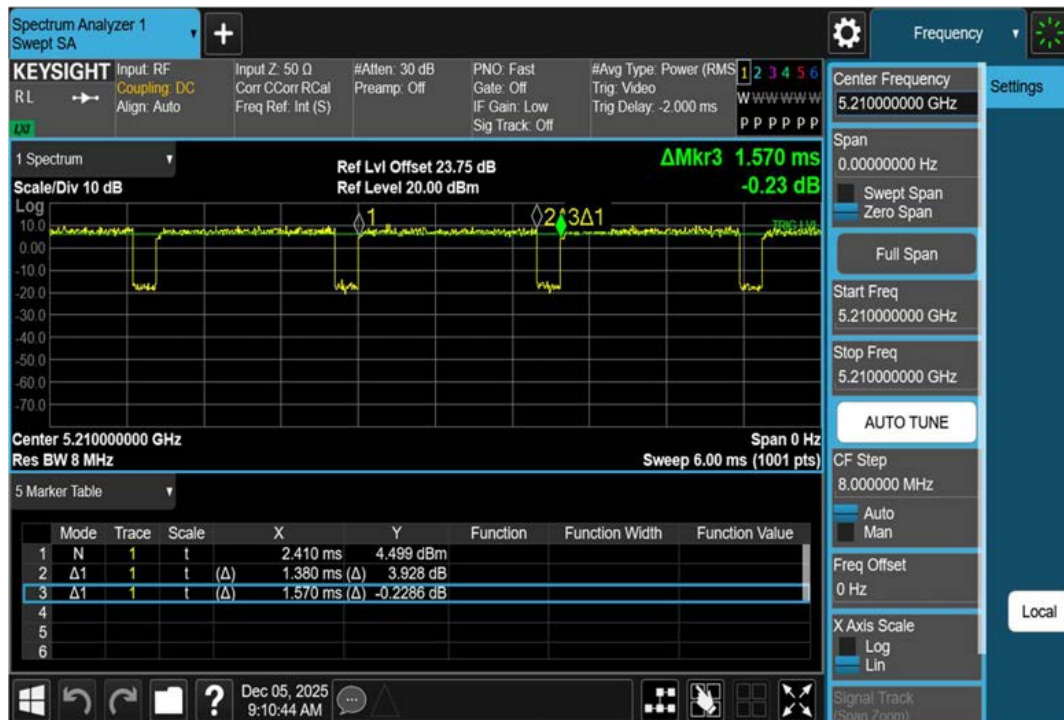
NTNV-11AC20MIMO-Ant1-5180



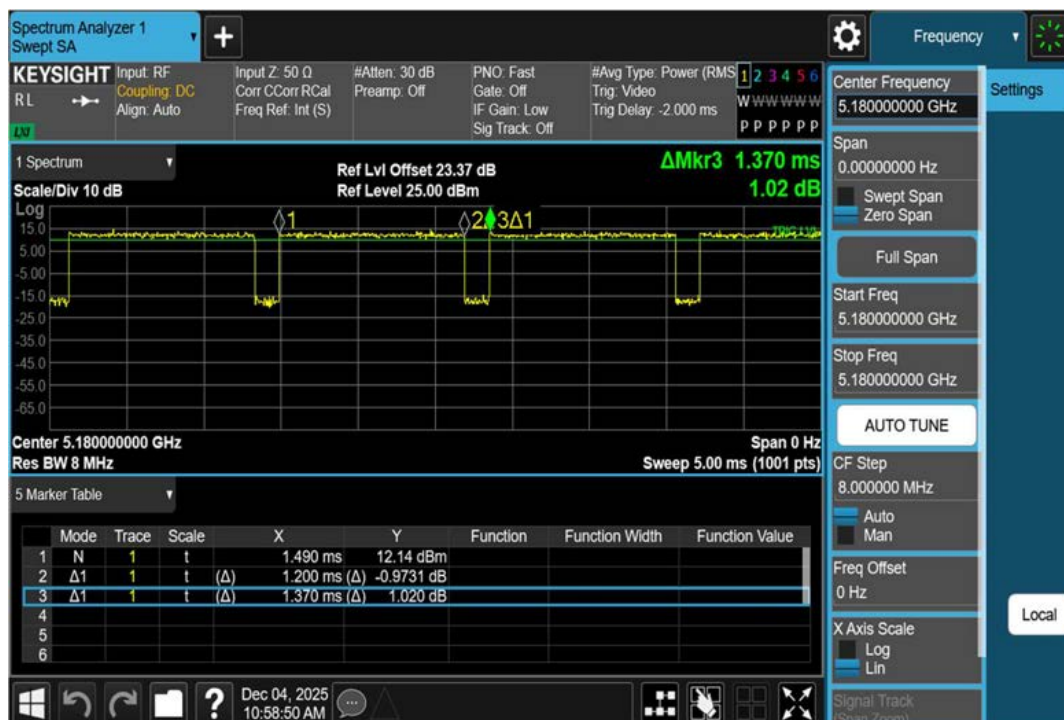
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NTNV-11AC80MIMO-Ant1-5210



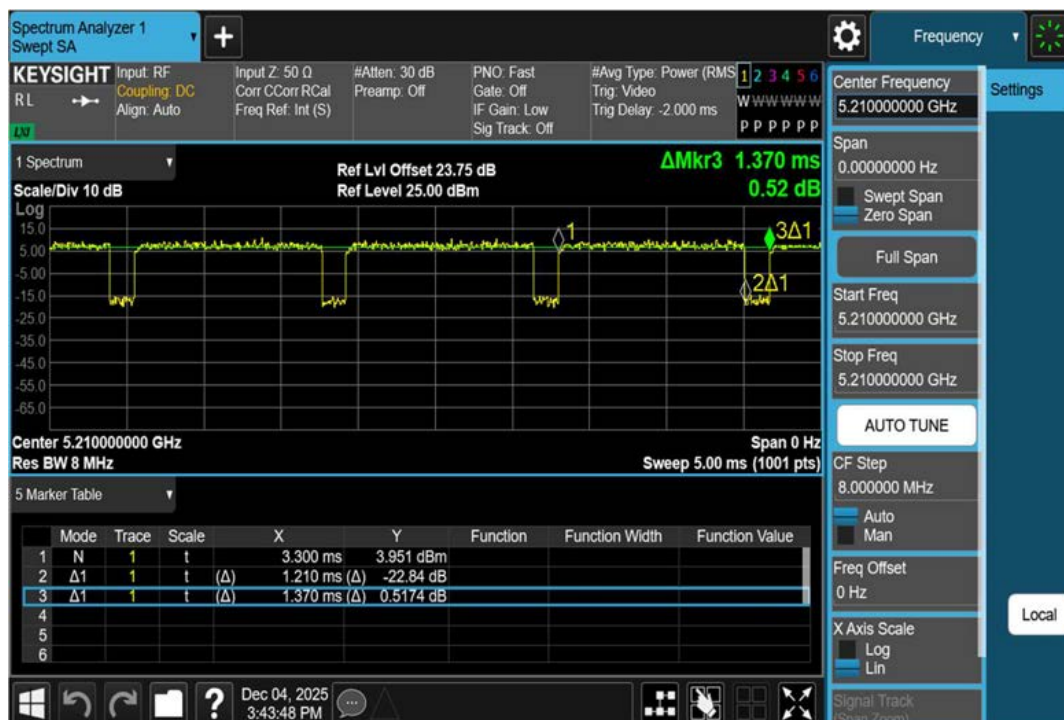
NTNV-11AX20MIMO-Ant1-5180



NTNV-11AX40MIMO-Ant1-5190



NTNV-11AX80MIMO-Ant1-5210



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	Flat Panel Monitor	S2721QS	DELL	/
2	USB Disk1	/	Kingston	/
3	USB Disk2	/	Kingston	/
4	Earphone	/	/	/
5	Mouse	DOK-680U	LENOVO	701E8328
6	Keyboard	SK-8827	LENOVO	21R1ADL
7	Printer	MJPMYTJHT01	Xiaomi	/
8	Mobile HDD	1T	Huipu	/
9	Mobile HDD	1T	Huipu	/
10	Flat Panel Monitor	S2722QS	DELL	/

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.

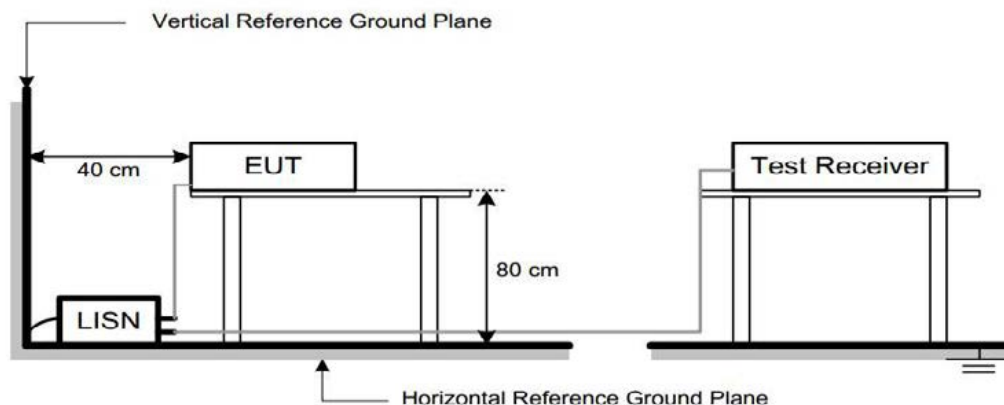
2. The lower limit shall apply at the transition frequencies.

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

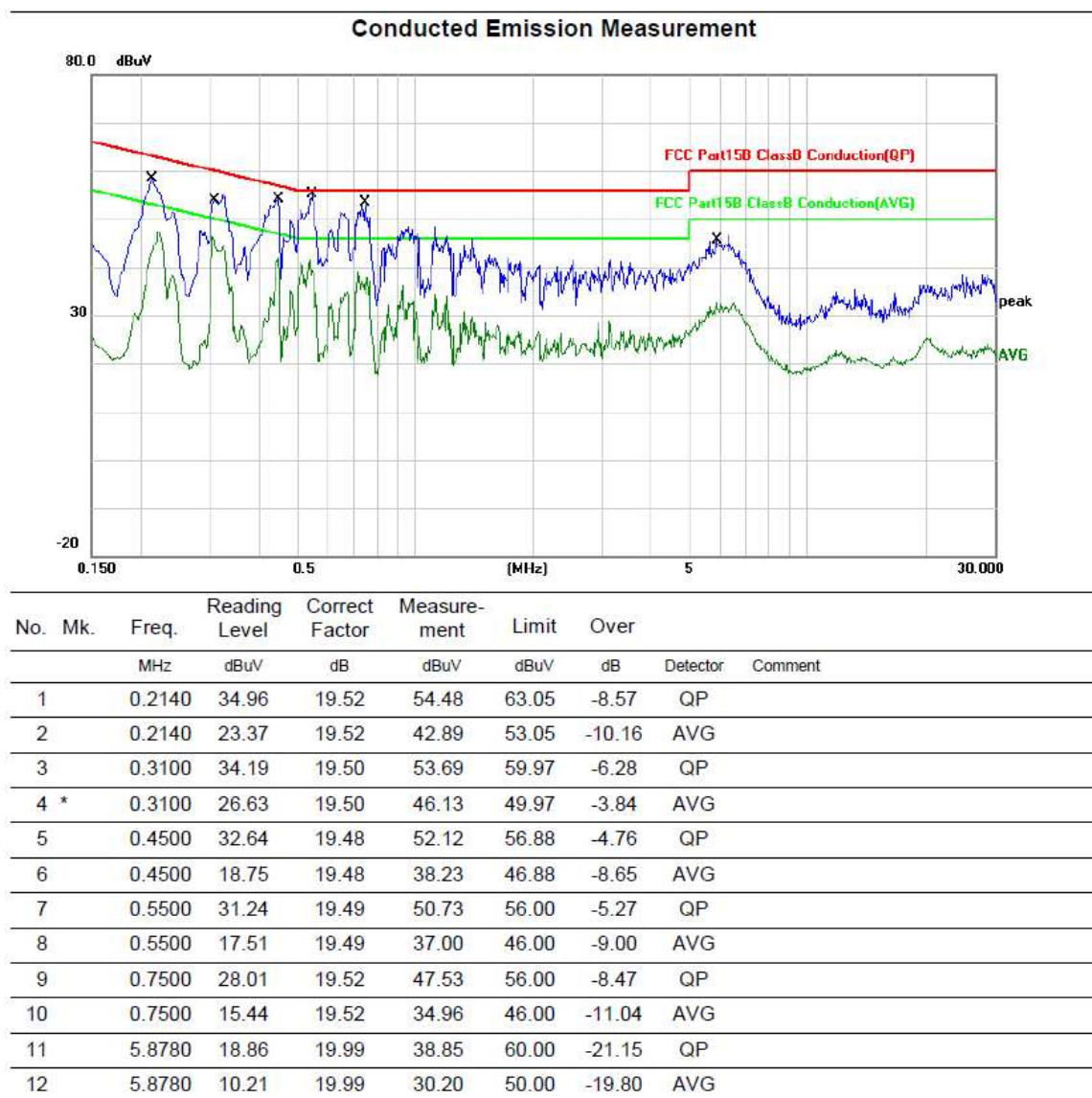
Note:

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 11N40MIMO Mode Channel 159 is found to be the worst case and recorded.

Adapter1:

150kHz~30MHz	TX 11N40MIMO Mode Channel 159
--------------	-------------------------------

Line

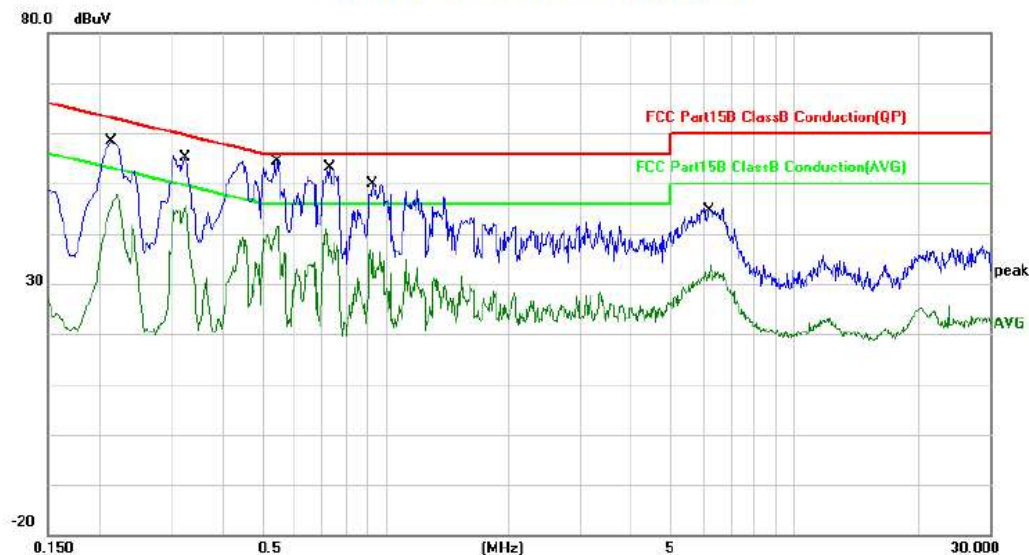


150kHz~30MHz

TX 11N40MIMO Mode Channel 159

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2140	36.06	19.55	55.61	63.05	-7.44	QP	
2		0.2140	25.48	19.55	45.03	53.05	-8.02	AVG	
3		0.3260	35.16	19.48	54.64	59.55	-4.91	QP	
4	*	0.3260	26.28	19.48	45.76	49.55	-3.79	AVG	
5		0.5460	32.45	19.53	51.98	56.00	-4.02	QP	
6		0.5460	20.80	19.53	40.33	46.00	-5.67	AVG	
7		0.7340	29.34	19.46	48.80	56.00	-7.20	QP	
8		0.7340	16.54	19.46	36.00	46.00	-10.00	AVG	
9		0.9300	26.88	19.49	46.37	56.00	-9.63	QP	
10		0.9300	13.47	19.49	32.96	46.00	-13.04	AVG	
11		6.2020	18.50	20.03	38.53	60.00	-21.47	QP	
12		6.2020	10.14	20.03	30.17	50.00	-19.83	AVG	

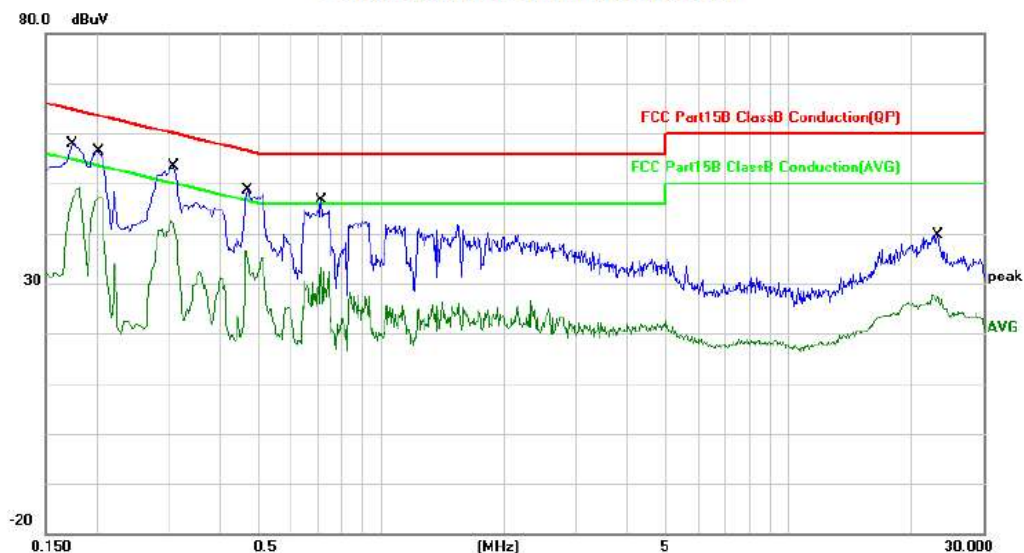
Adapter2:

150kHz~30MHz

TX 11N40MIMO Mode Channel 159

Line

Conducted Emission Measurement



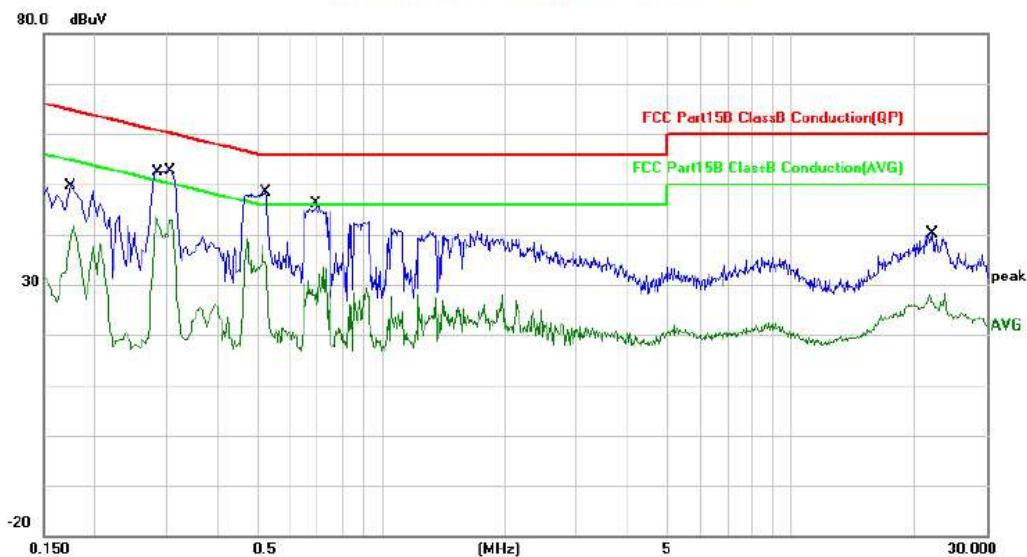
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1740	37.61	19.49	57.10	64.77	-7.67	QP	
2	*	0.1740	28.95	19.49	48.44	54.77	-6.33	AVG	
3		0.2020	34.61	19.52	54.13	63.53	-9.40	QP	
4		0.2020	24.23	19.52	43.75	53.53	-9.78	AVG	
5		0.3100	31.00	19.50	50.50	59.97	-9.47	QP	
6		0.3100	20.30	19.50	39.80	49.97	-10.17	AVG	
7		0.4700	25.33	19.49	44.82	56.51	-11.69	QP	
8		0.4700	12.76	19.49	32.25	46.51	-14.26	AVG	
9		0.7140	22.99	19.51	42.50	56.00	-13.50	QP	
10		0.7140	9.69	19.51	29.20	46.00	-16.80	AVG	
11		23.2540	11.53	20.98	32.51	60.00	-27.49	QP	
12		23.2540	4.77	20.98	25.75	50.00	-24.25	AVG	

150kHz~30MHz

TX 11N40MIMO Mode Channel 159

Neutral

Conducted Emission Measurement



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1740	21.16	19.50	40.66	64.77	-24.11	QP	
2		0.1740	4.59	19.50	24.09	54.77	-30.68	AVG	
3		0.2820	31.54	19.55	51.09	60.76	-9.67	QP	
4		0.2820	21.13	19.55	40.68	50.76	-10.08	AVG	
5		0.3060	31.84	19.53	51.37	60.08	-8.71	QP	
6	*	0.3060	21.93	19.53	41.46	50.08	-8.62	AVG	
7		0.5181	26.49	19.55	46.04	56.00	-9.96	QP	
8		0.5181	13.63	19.55	33.18	46.00	-12.82	AVG	
9		0.6940	23.19	19.45	42.64	56.00	-13.36	QP	
10		0.6940	7.62	19.45	27.07	46.00	-18.93	AVG	
11		22.1580	10.12	20.94	31.06	60.00	-28.94	QP	
12		22.1580	4.21	20.94	25.15	50.00	-24.85	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	
		$\mu\text{V}/\text{m}$	$\text{dB}(\mu\text{V})/\text{m}$
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 $\mu\text{V}/\text{m}$

(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.

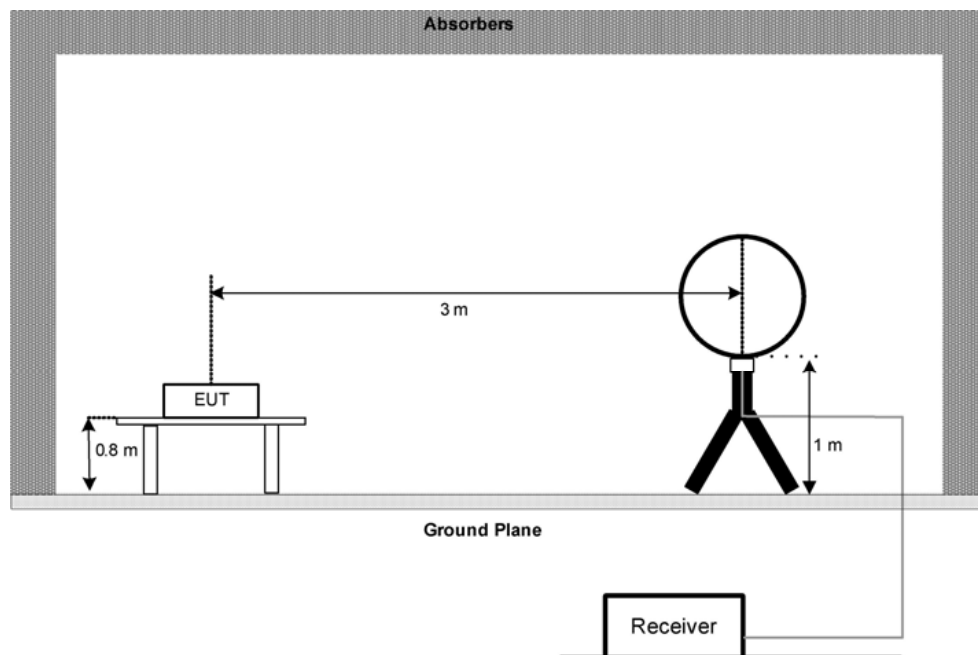
3.2.2 Test Procedure

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	

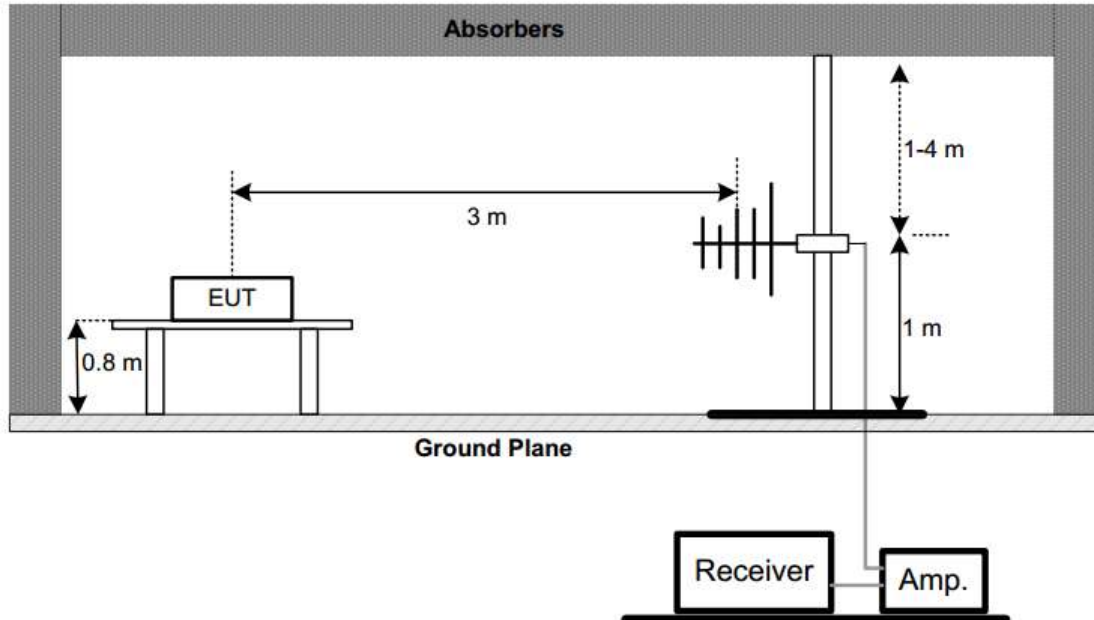
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

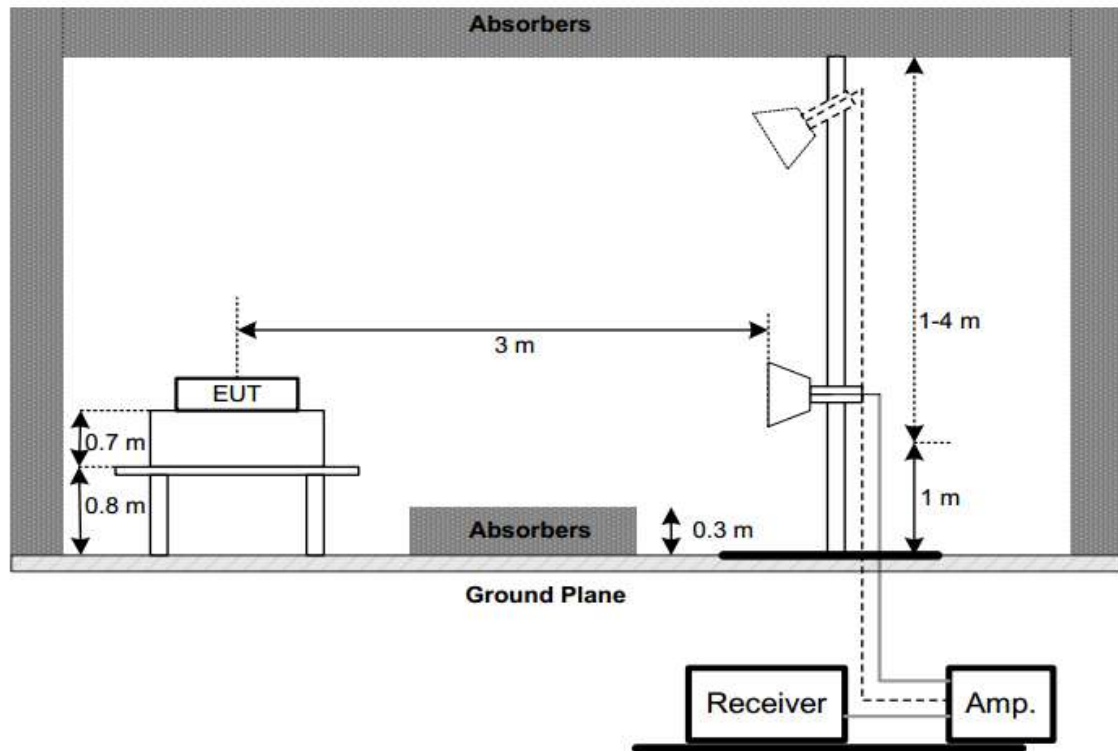
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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-1GHz

Note:

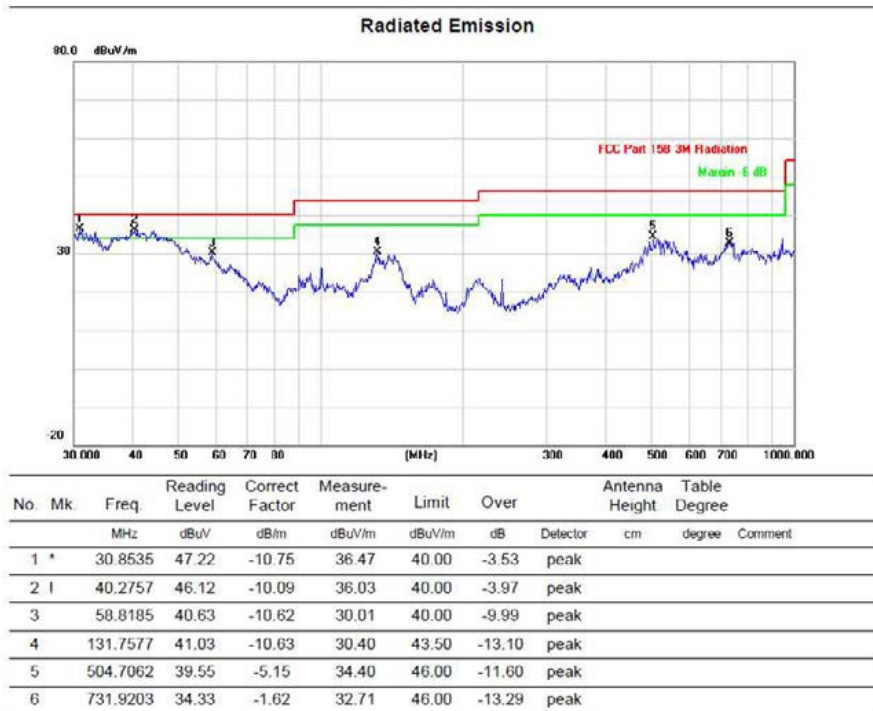
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX 11N40MIMO Mode Channel 159 is found to be the worst case and recorded.

Adapter1:

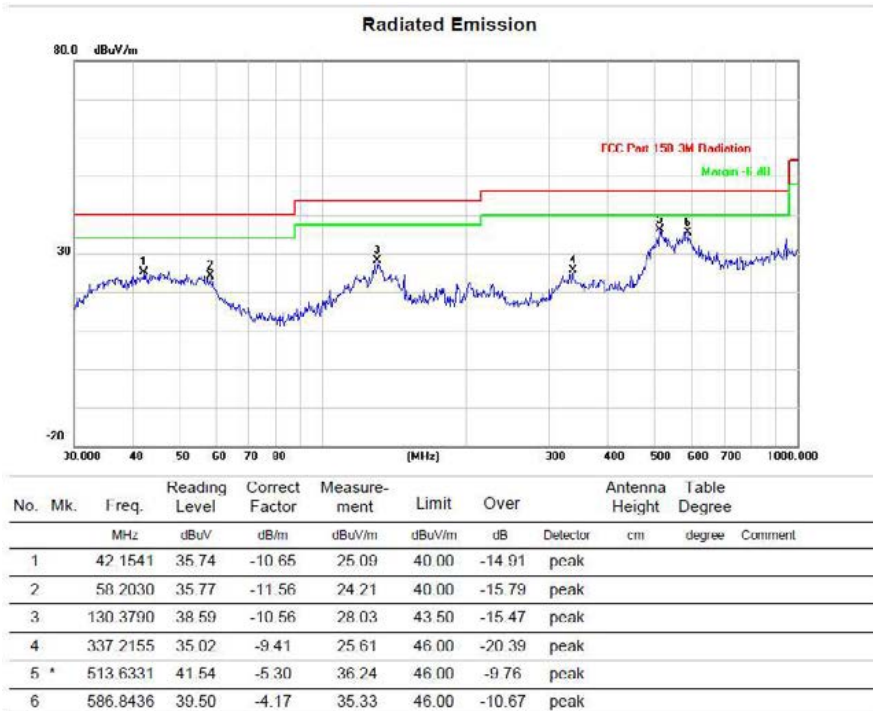
Below 1GHz (30MHz~1GHz)

TX 11N40MIMO Mode Channel 159

VERTICAL



HORIZONTAL



Adapter2:

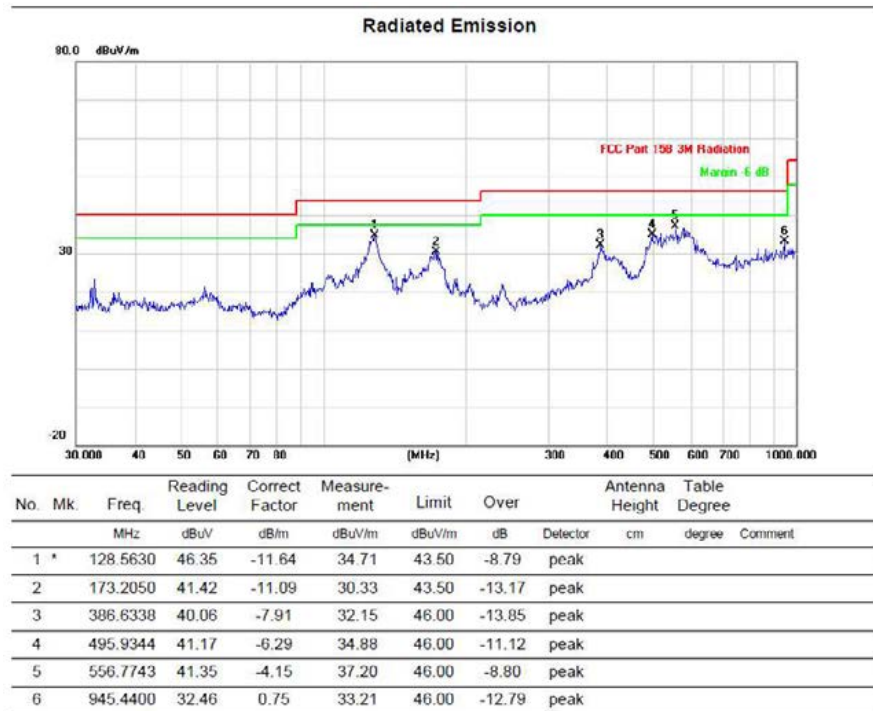
Below 1GHz (30MHz~1GHz)

TX 11N40MIMO Mode Channel 159

VERTICAL



HORIZONTAL



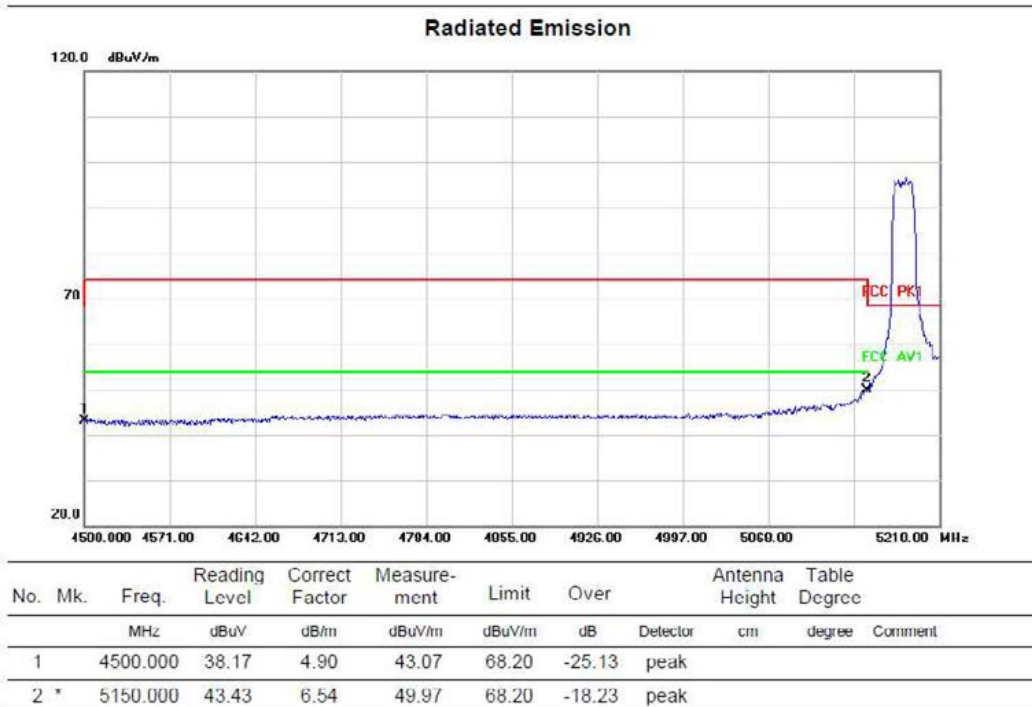
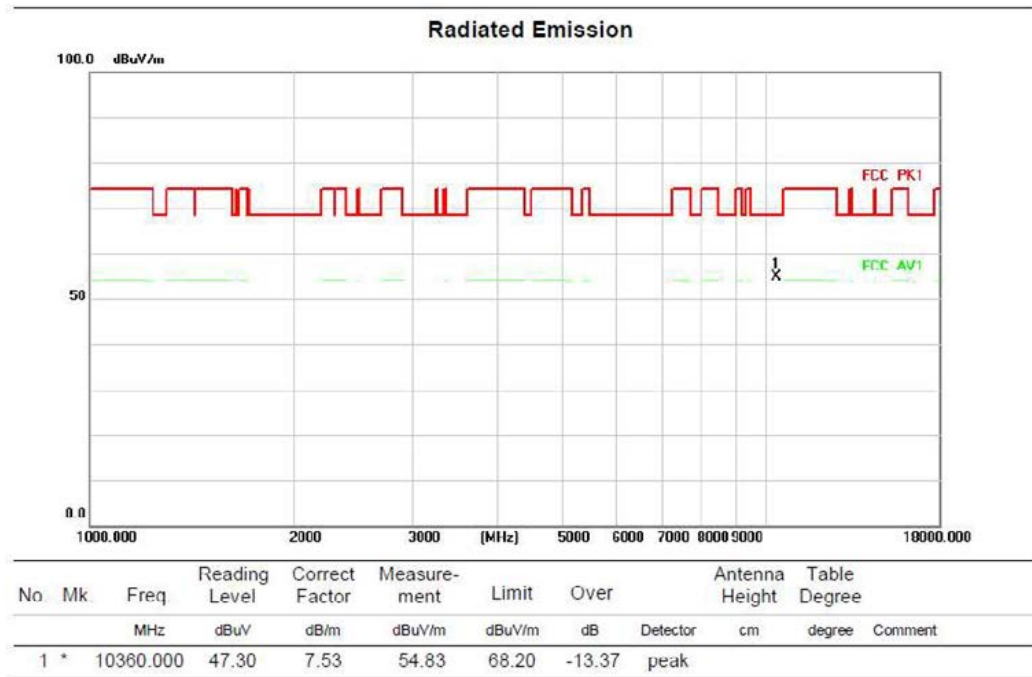
3) Radiated emission: Above 1GHz

Note:

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

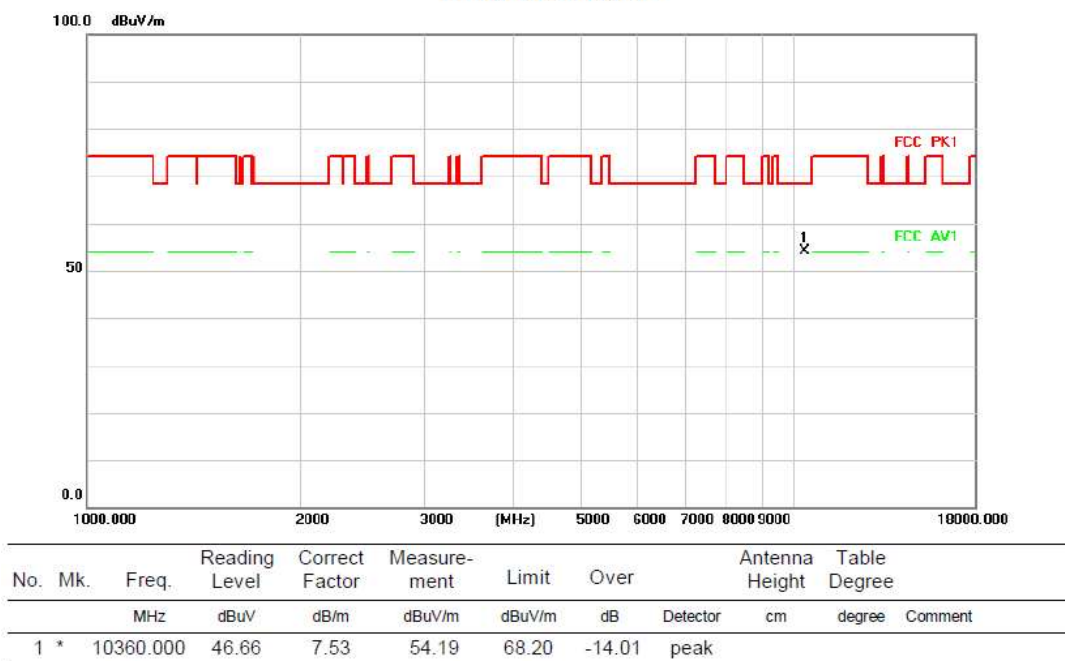
Above 1GHz (1GHz~18GHz)	Test mode:11A-CDD	Test Channel:36
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VERTICAL

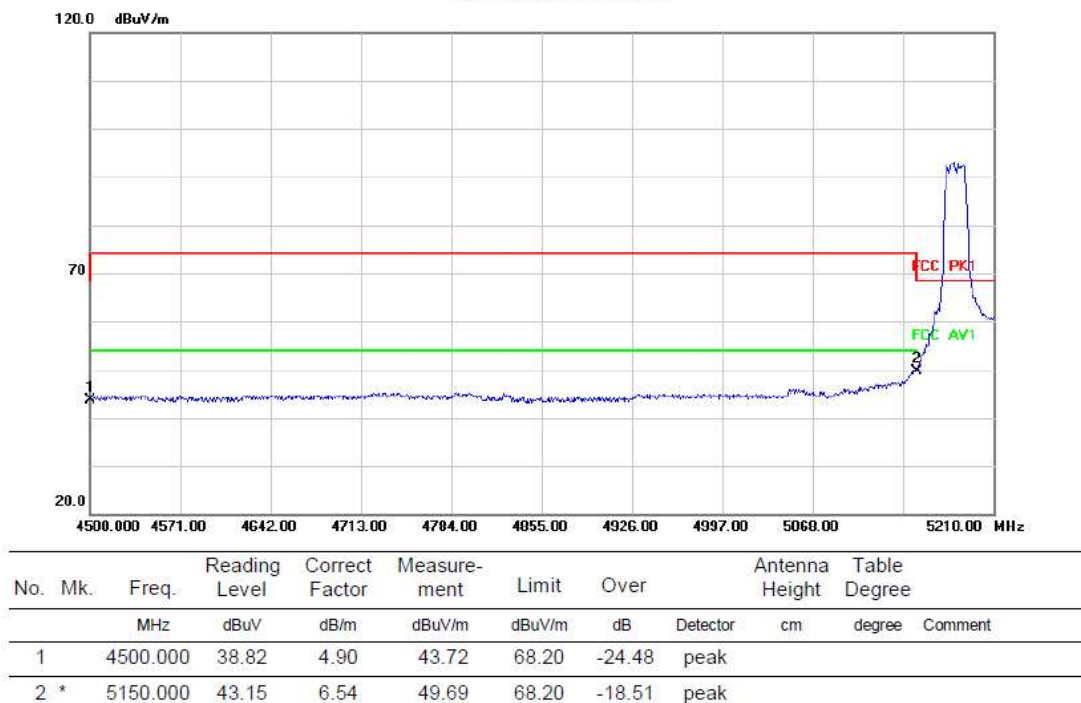


HORIZONTAL

Radiated Emission



Radiated Emission

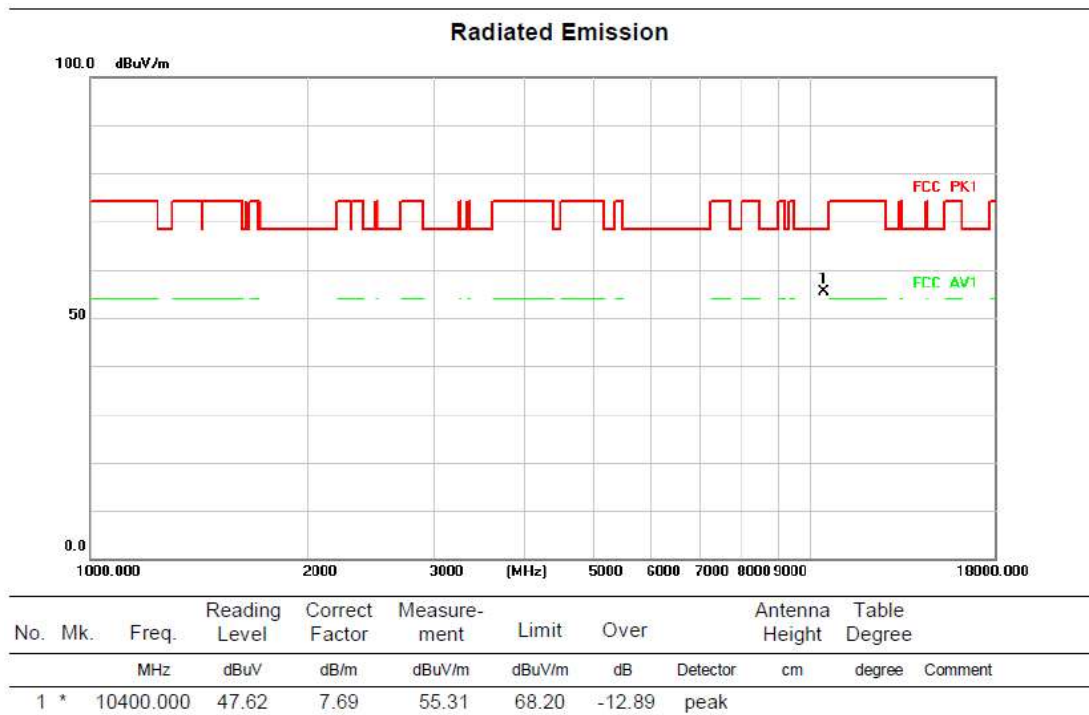


Above 1GHz (1GHz~18GHz)

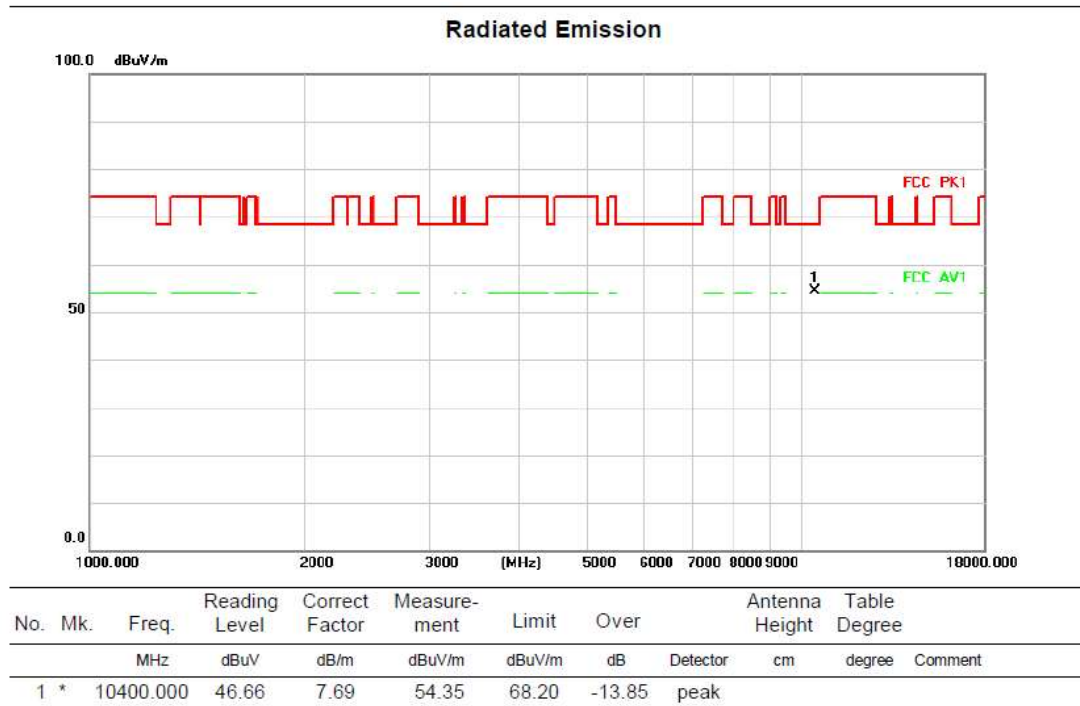
Test mode: 11A-CDD

Test Channel:40

VERTICAL



HORIZONTAL

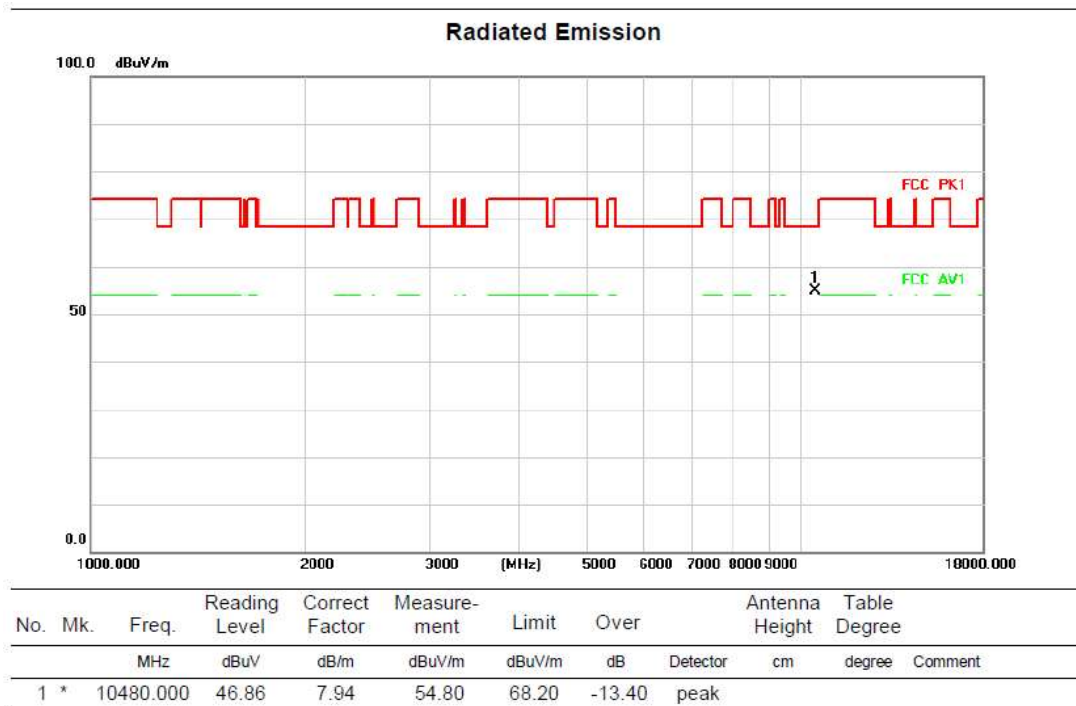


Above 1GHz (1GHz~18GHz)

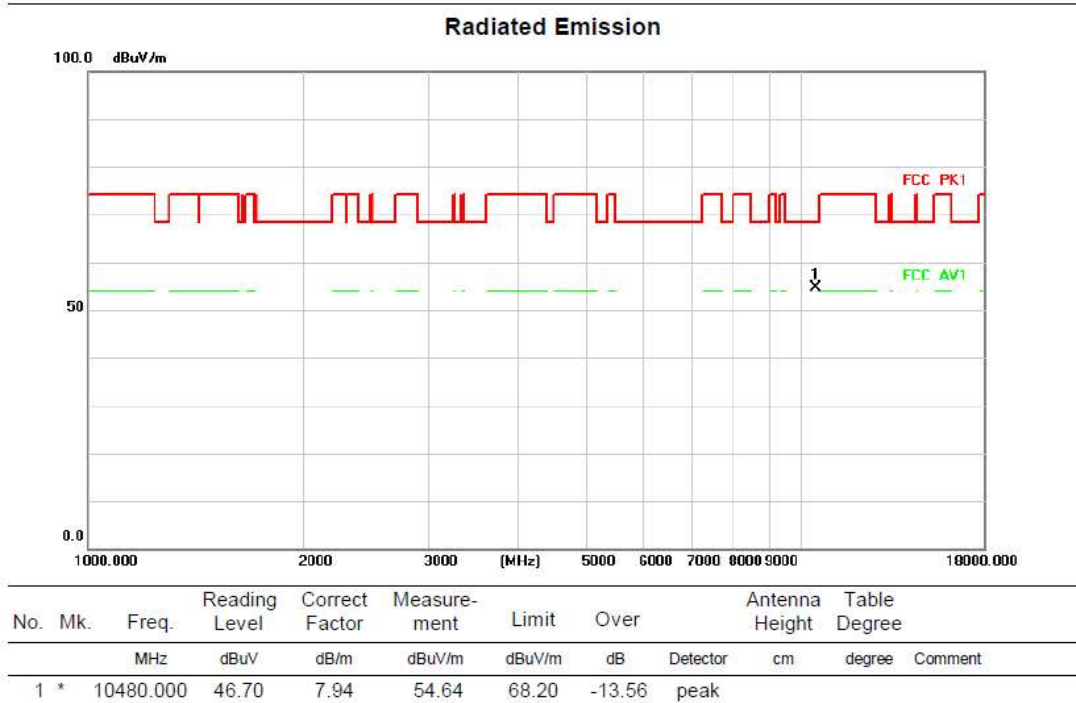
Test mode: 11A-CDD

Test Channel:48

VERTICAL



HORIZONTAL

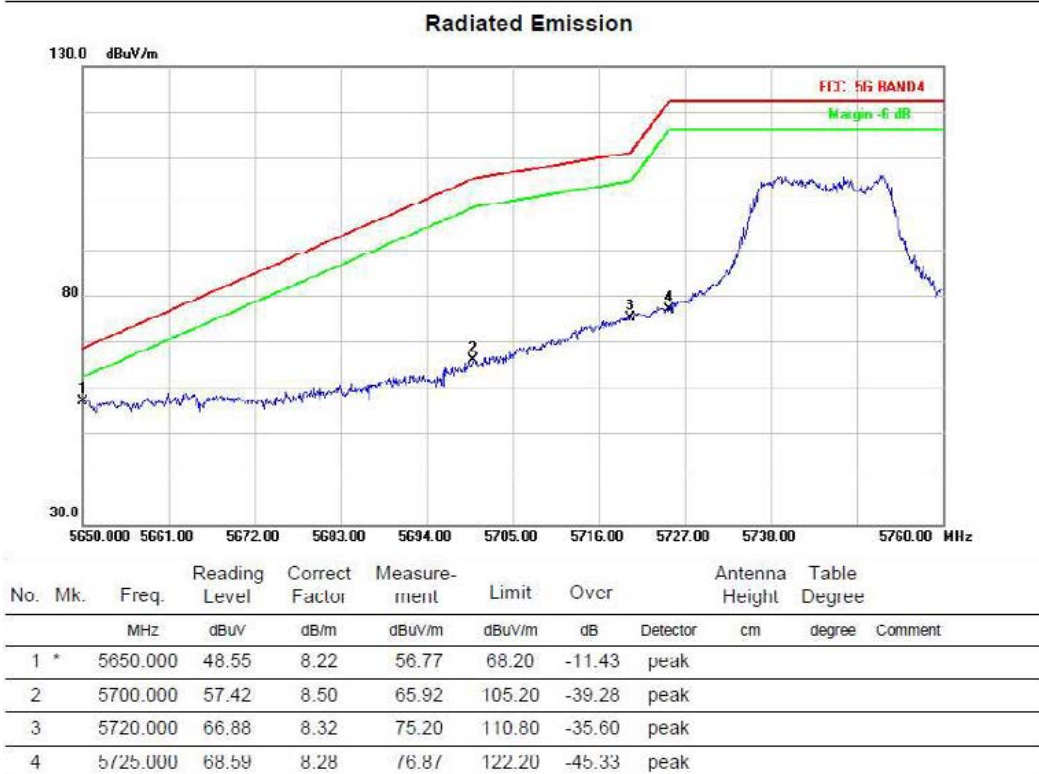
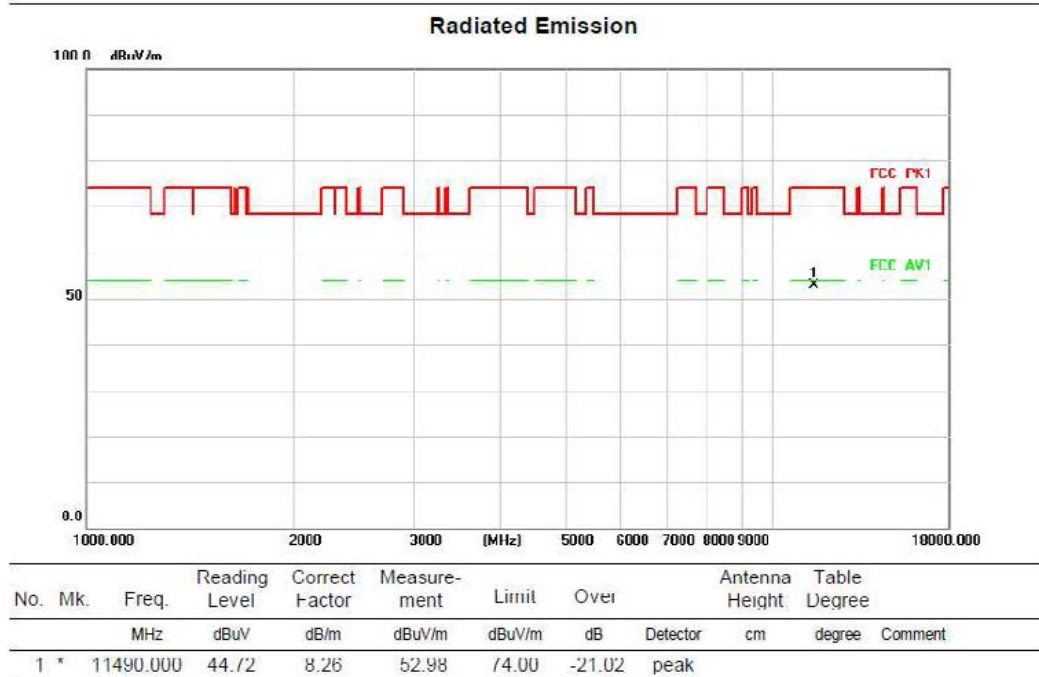


Above 1GHz (1GHz~18GHz)

Test mode: 11A-CDD

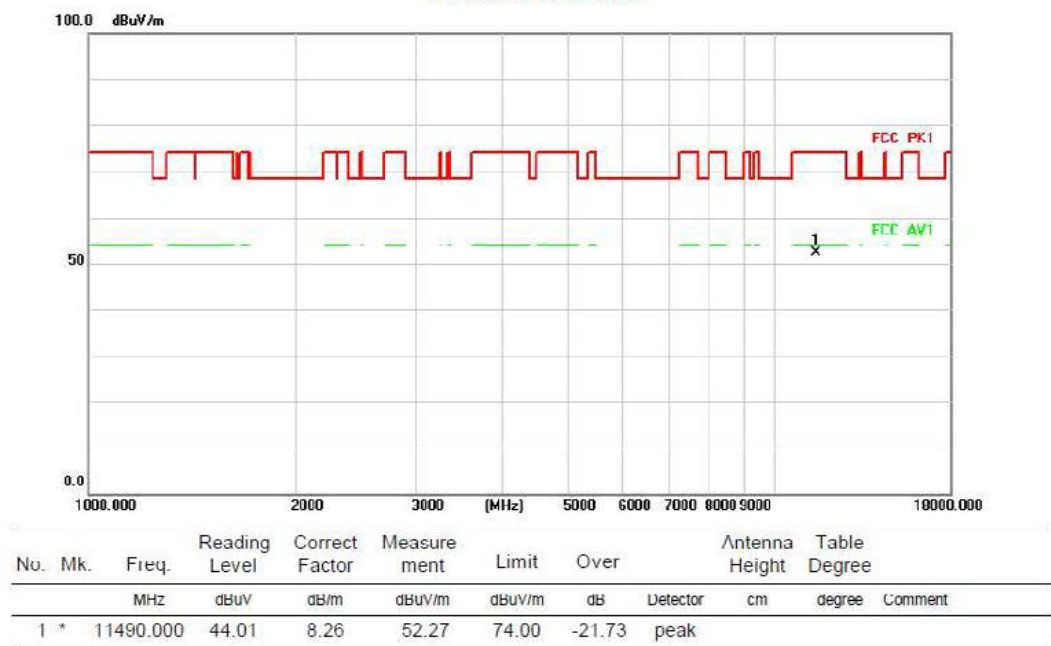
Test Channel:149

VERTICAL

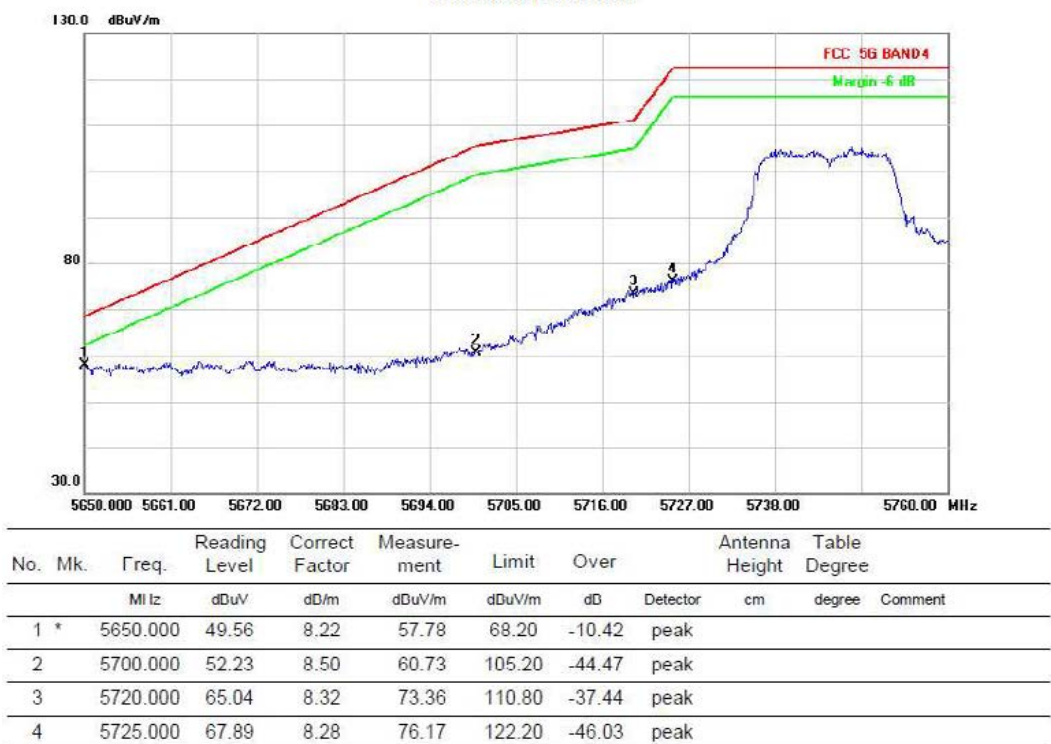


HORIZONTAL

Radiated Emission



Radiated Emission

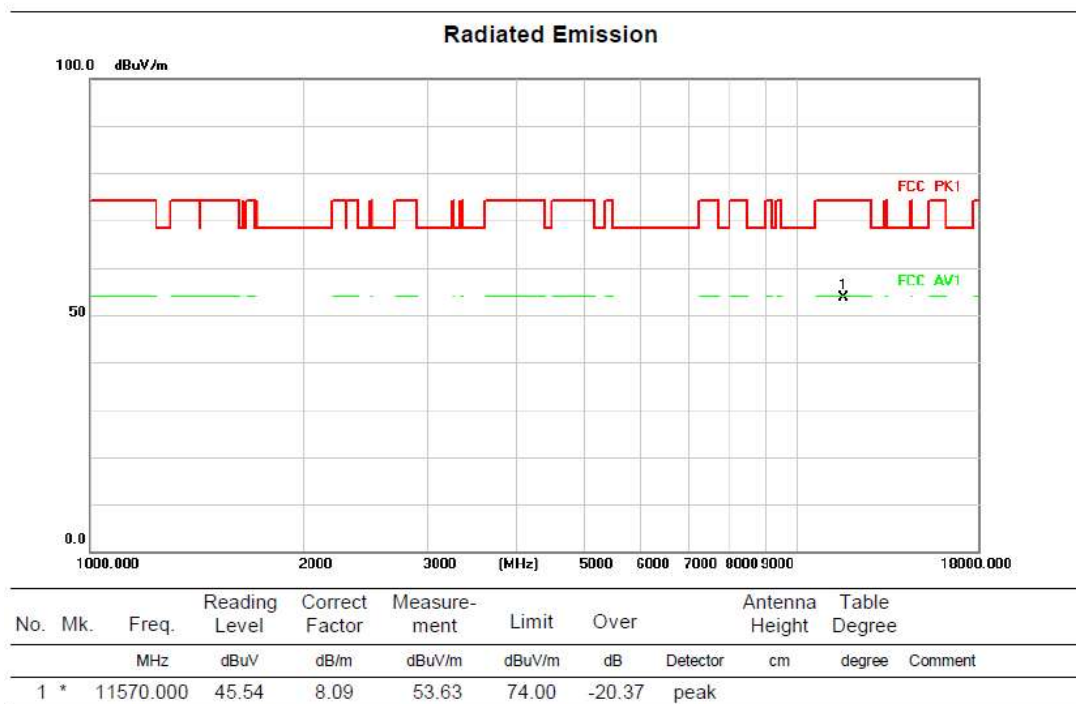


Above 1GHz (1GHz~18GHz)

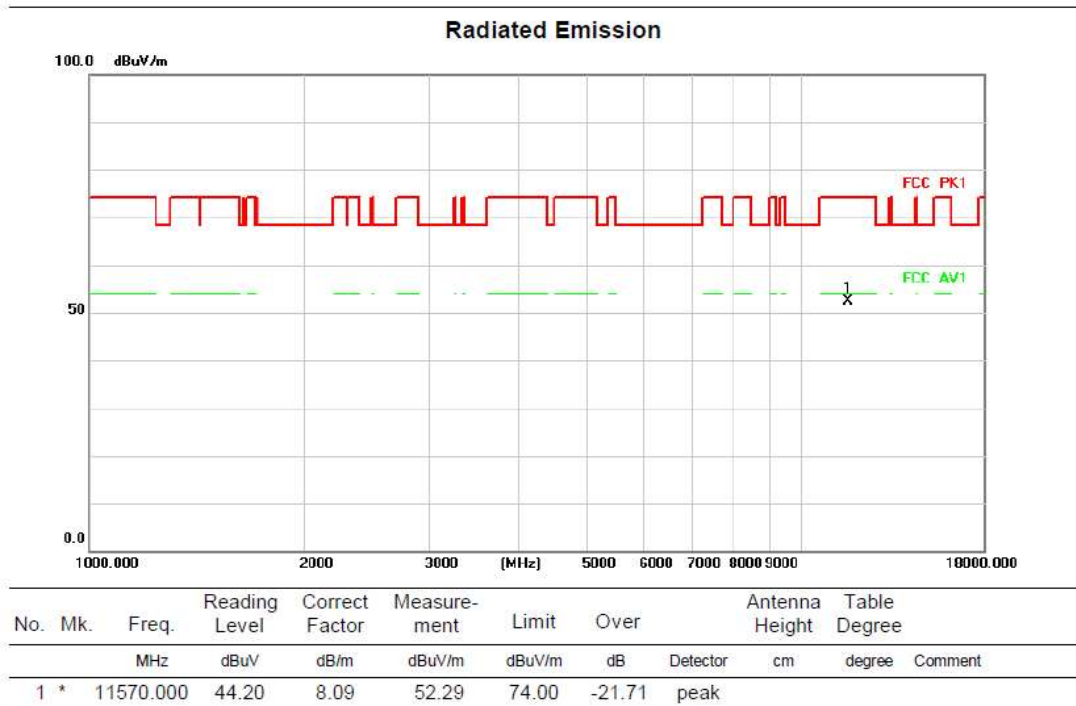
Test mode: 11A-CDD

Test Channel:157

VERTICAL



HORIZONTAL

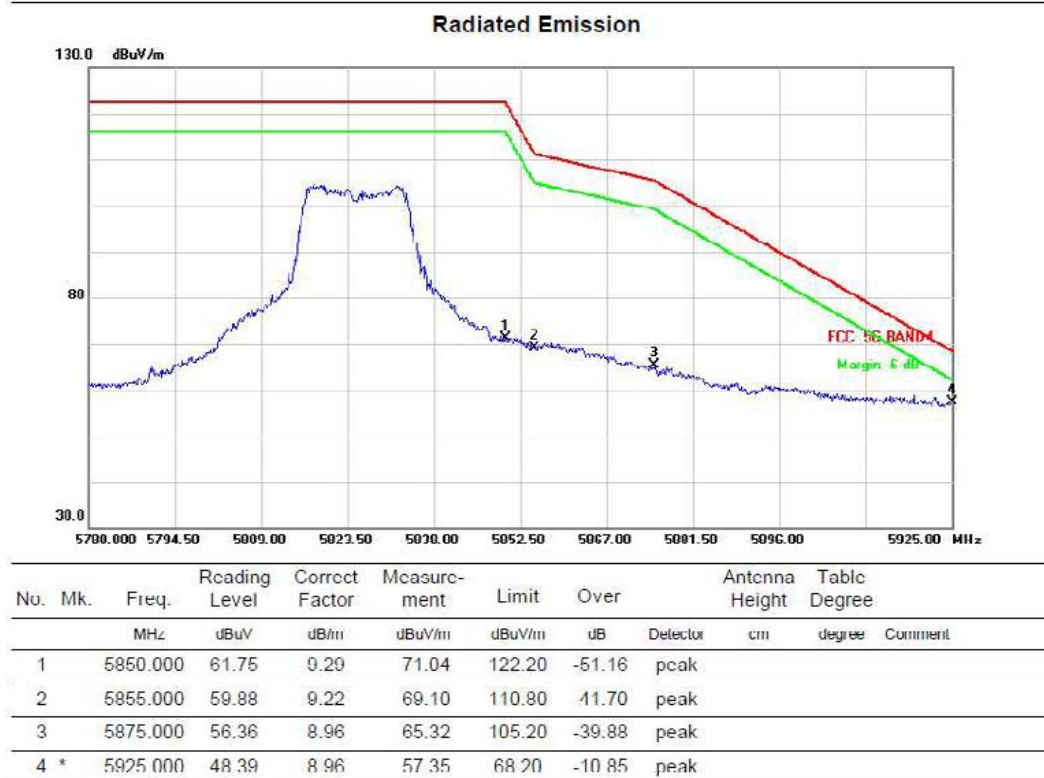
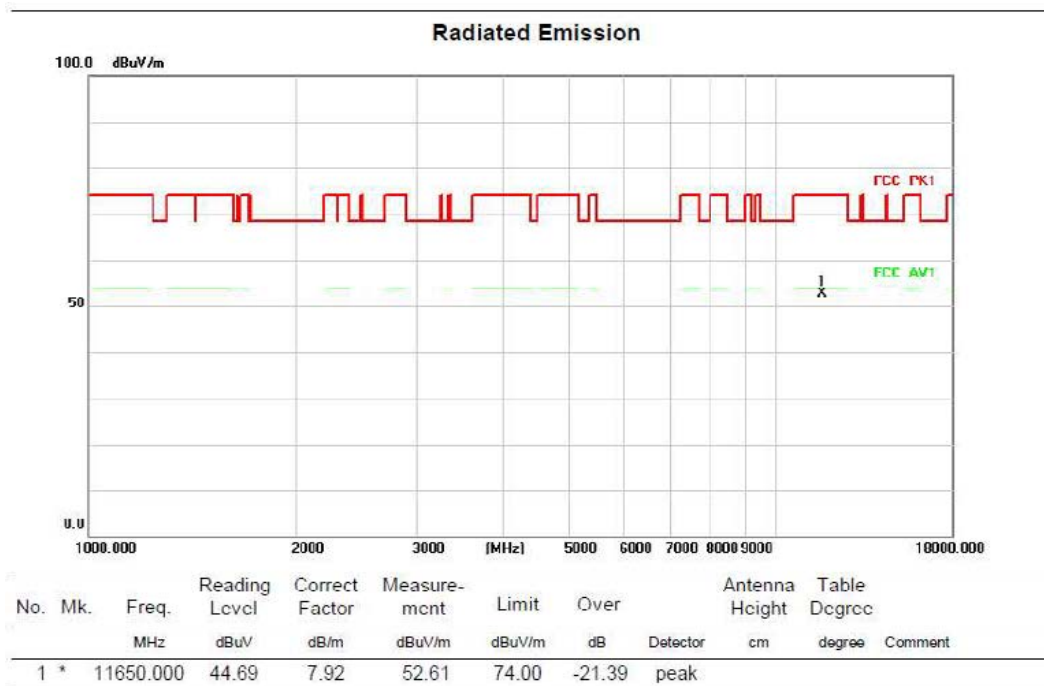


Above 1GHz (1GHz~18GHz)

Test mode: 11A-CDD

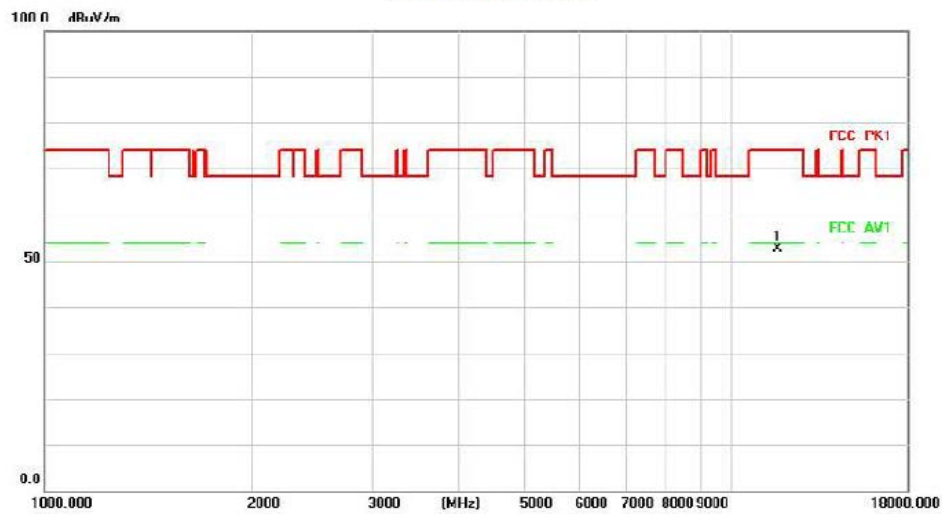
Test Channel:165

VERTICAL



HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11650.000	44.59	7.92	52.51	74.00	-21.49	peak	

Radiated Emission



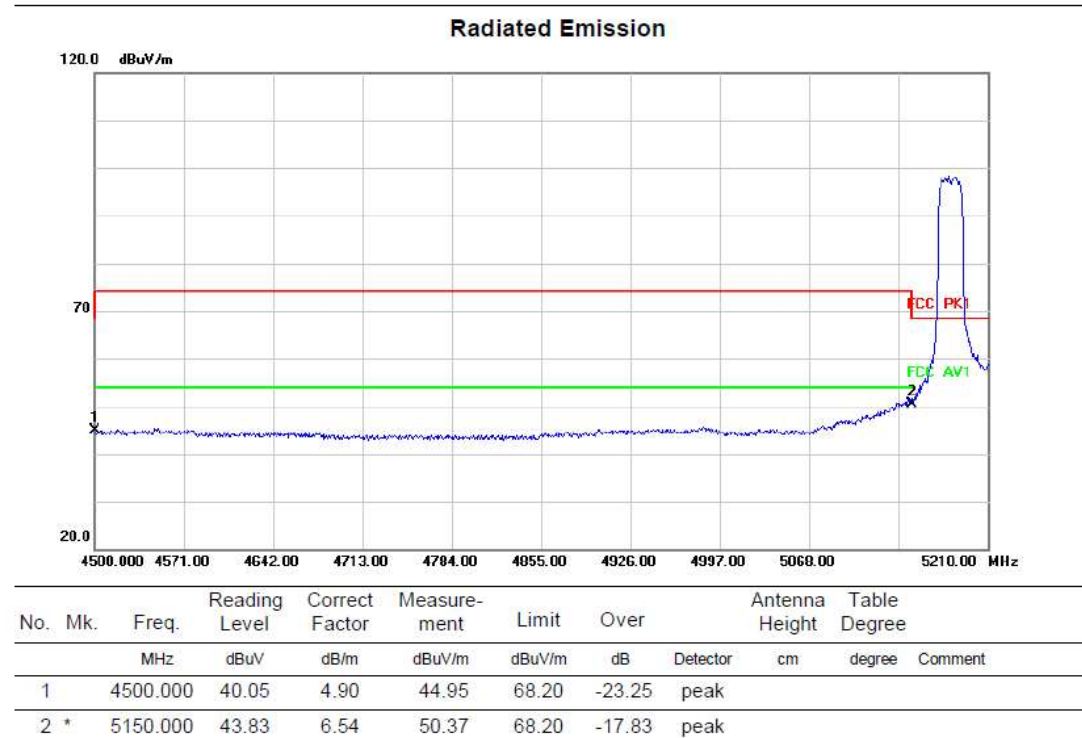
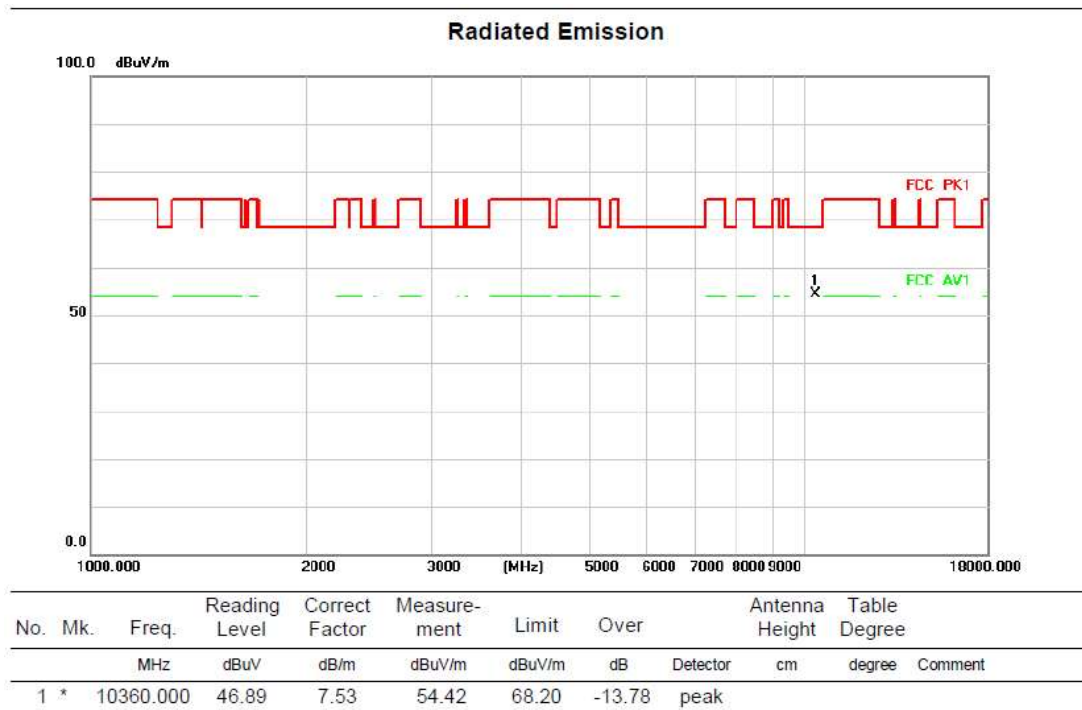
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	61.15	9.29	70.44	122.20	-51.76	peak	
2		5855.000	55.18	9.22	64.70	110.80	-46.10	peak	
3		5875.000	44.87	8.96	53.83	105.20	-51.37	peak	
4	*	5925.000	46.11	8.96	55.07	68.20	-13.13	peak	

Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

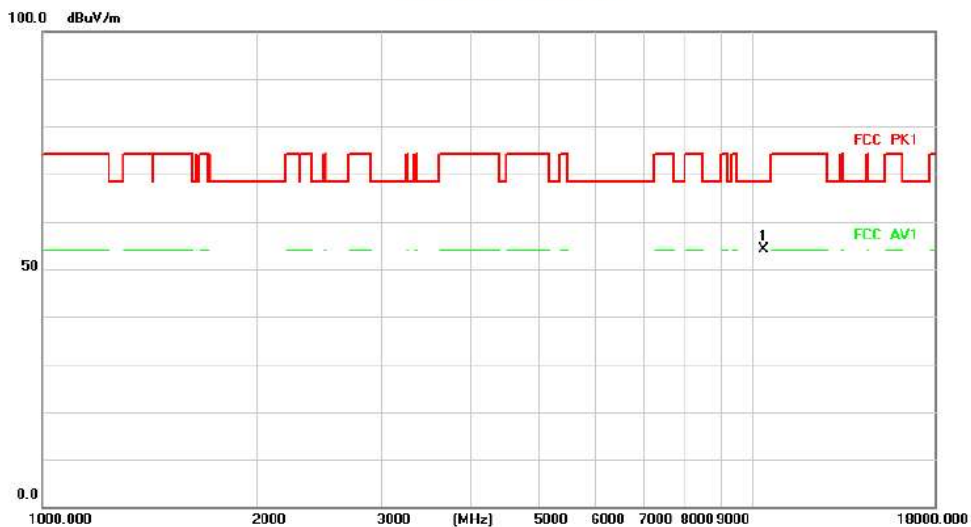
Test Channel:36

VERTICAL



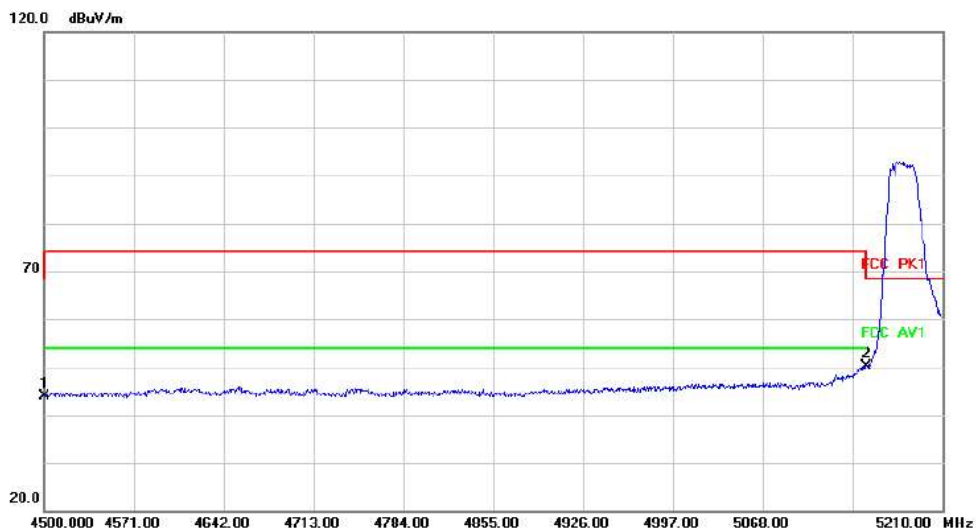
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10360.000	46.72	7.53	54.25	68.20	-13.95 peak		

Radiated Emission



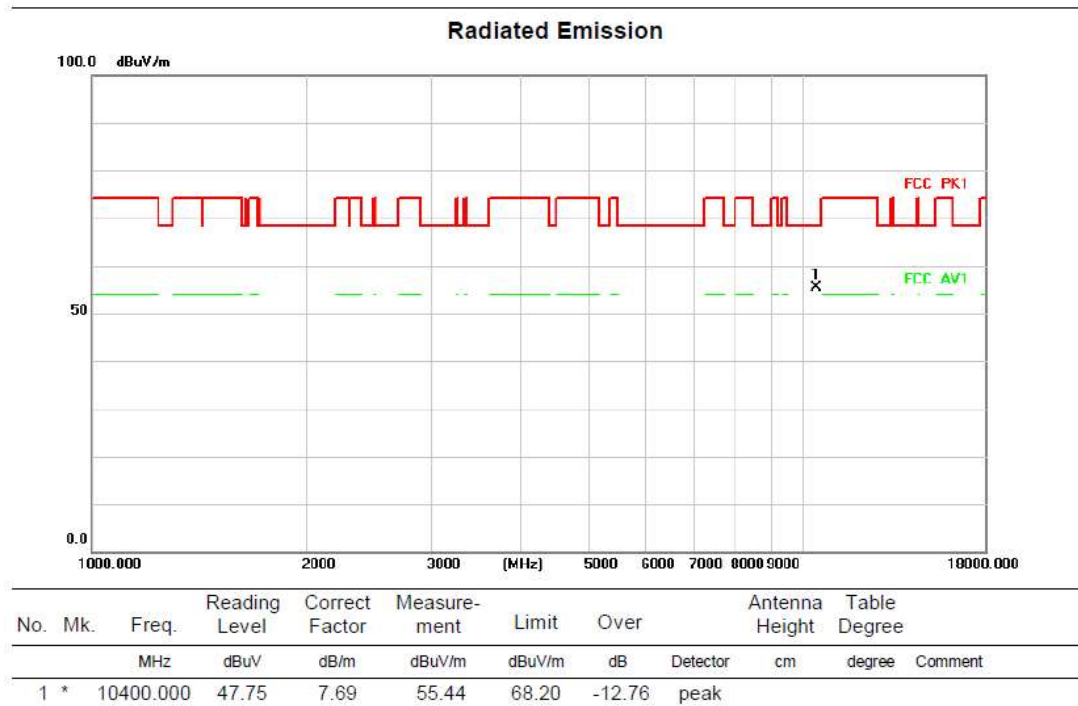
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	39.01	4.90	43.91	68.20	-24.29 peak		
2	*	5150.000	43.55	6.54	50.09	68.20	-18.11 peak		

Above 1GHz (1GHz~18GHz)

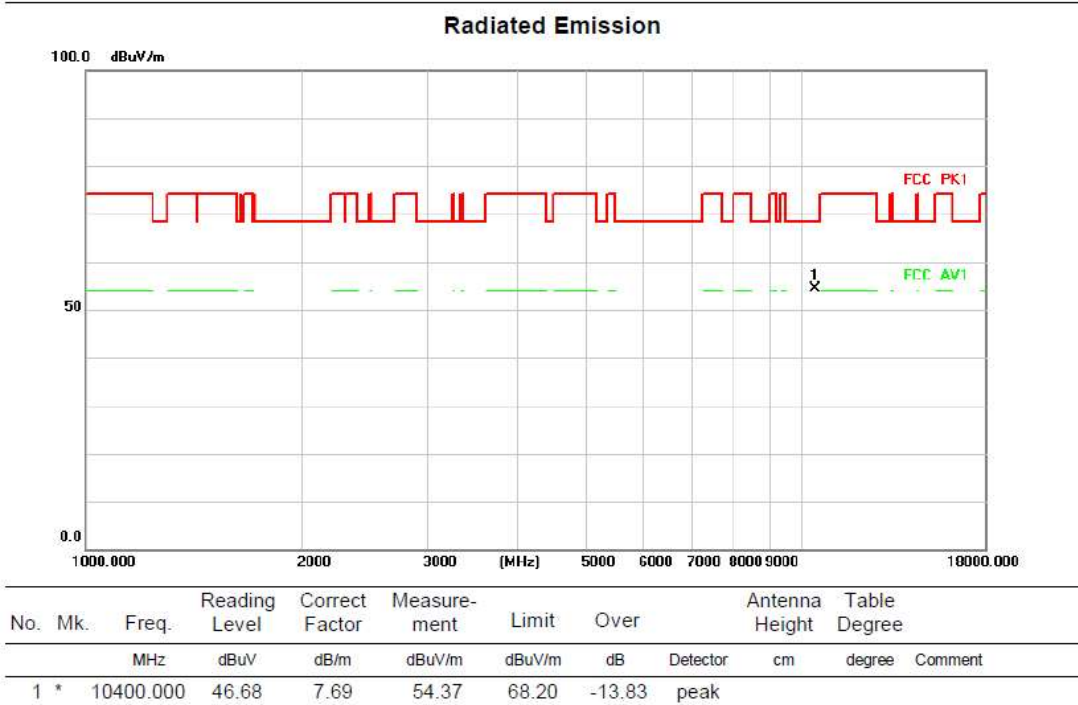
Test mode: 11N20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

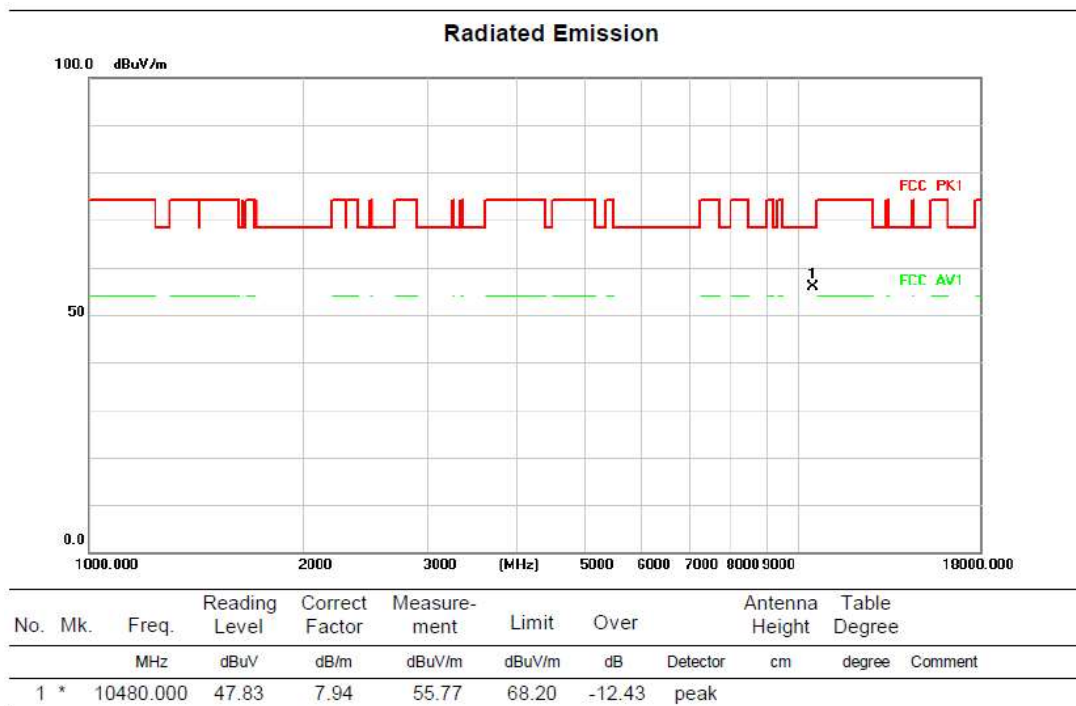


Above 1GHz (1GHz~18GHz)

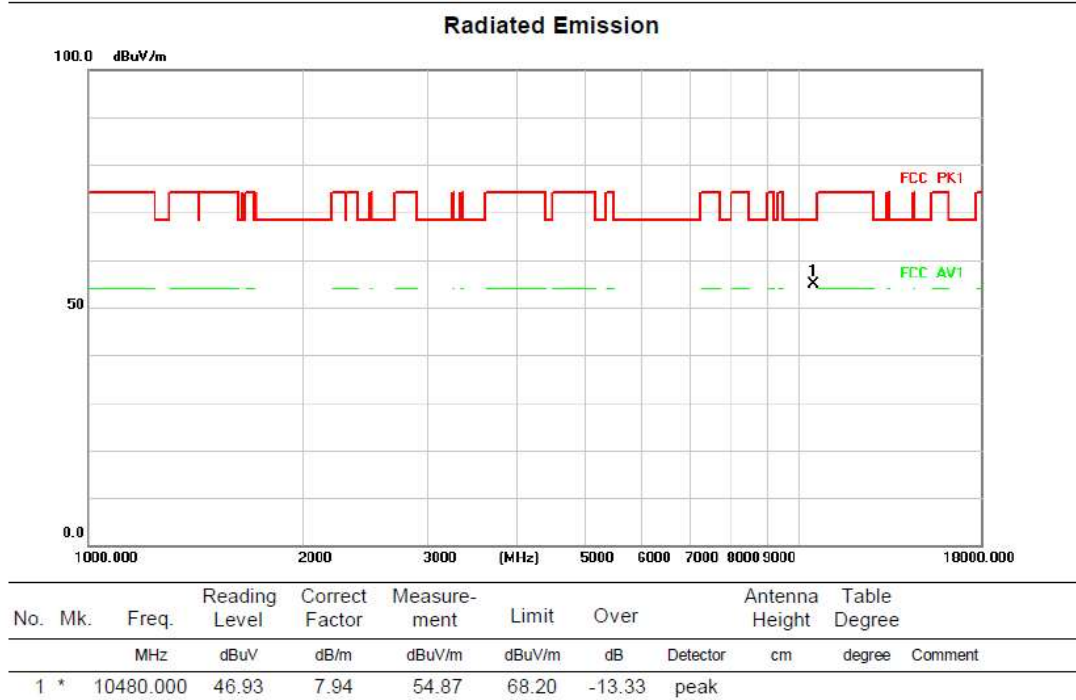
Test mode: 11N20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

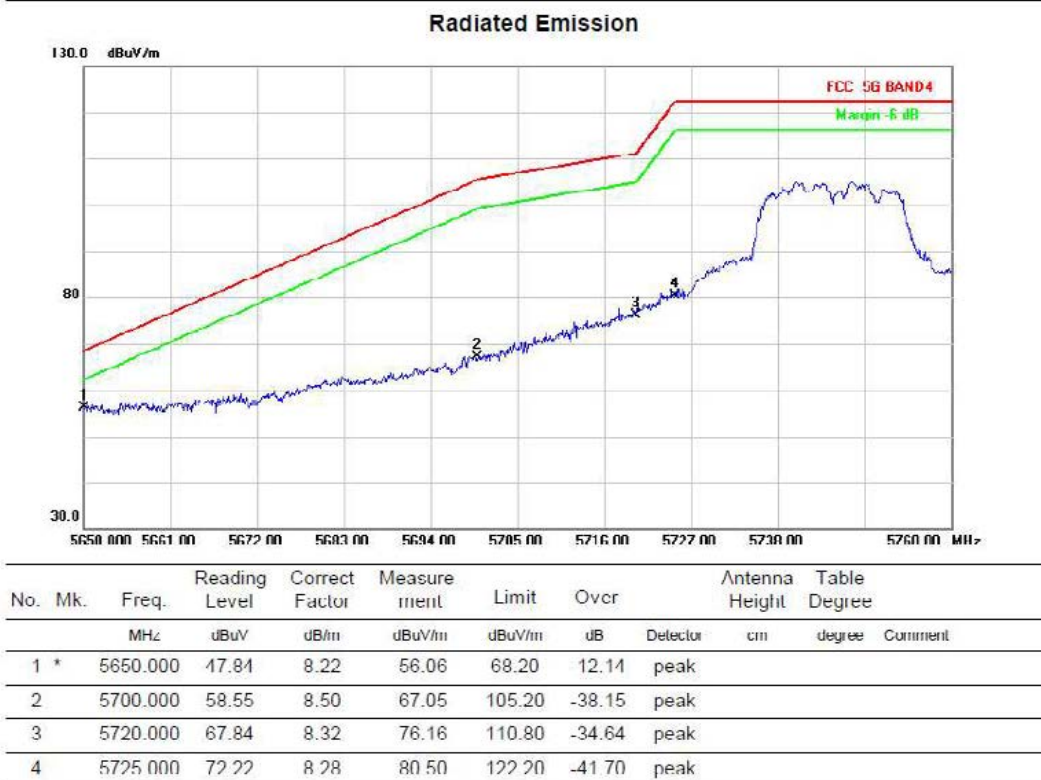
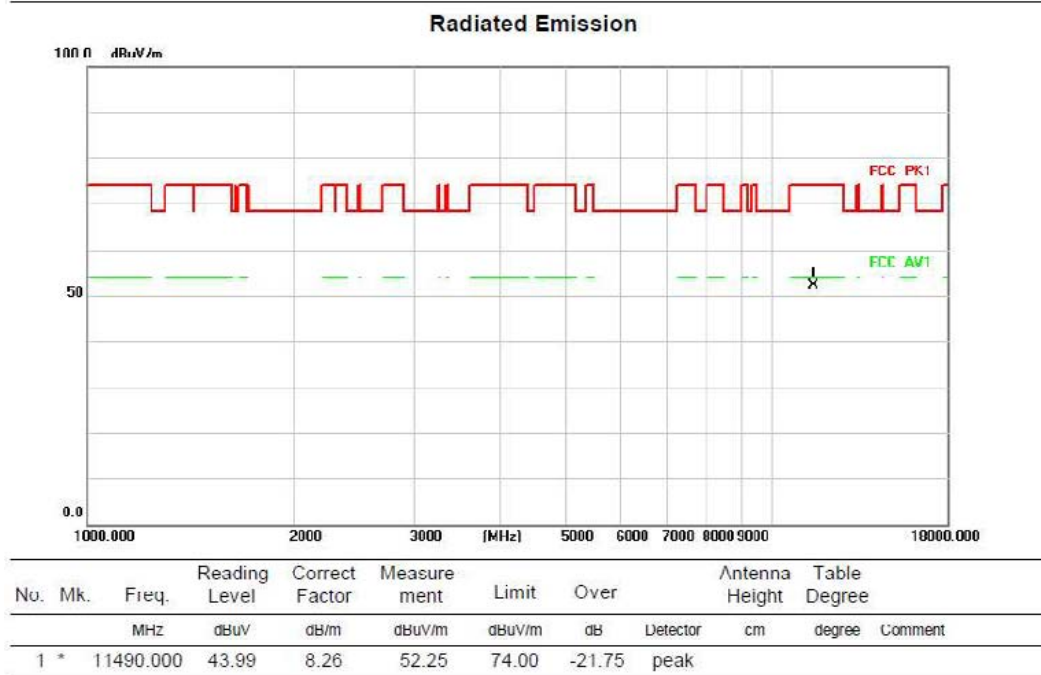


Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

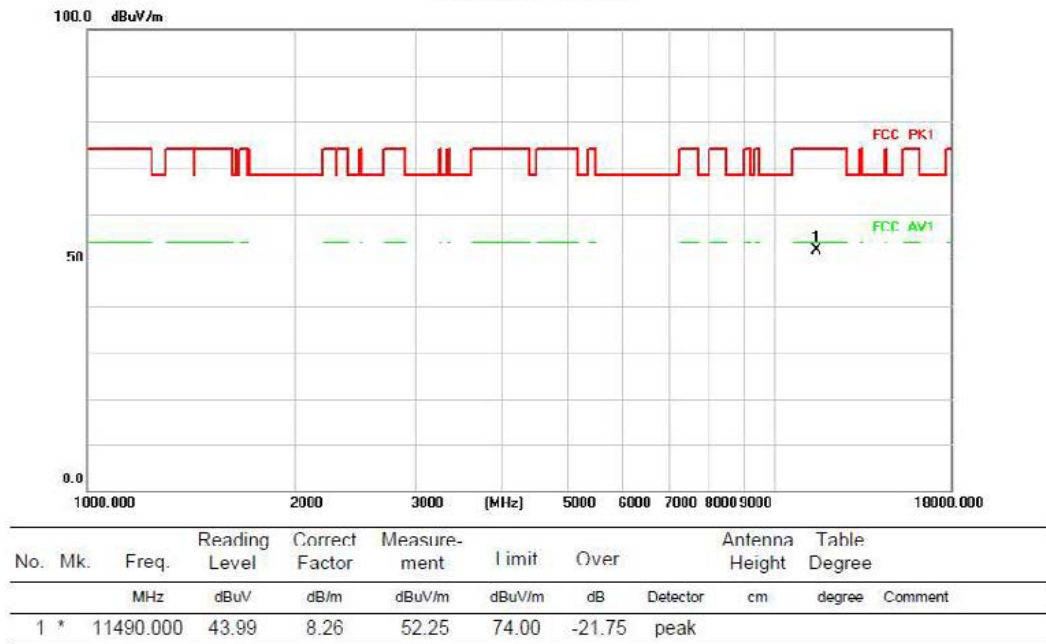
Test Channel:149

VERTICAL

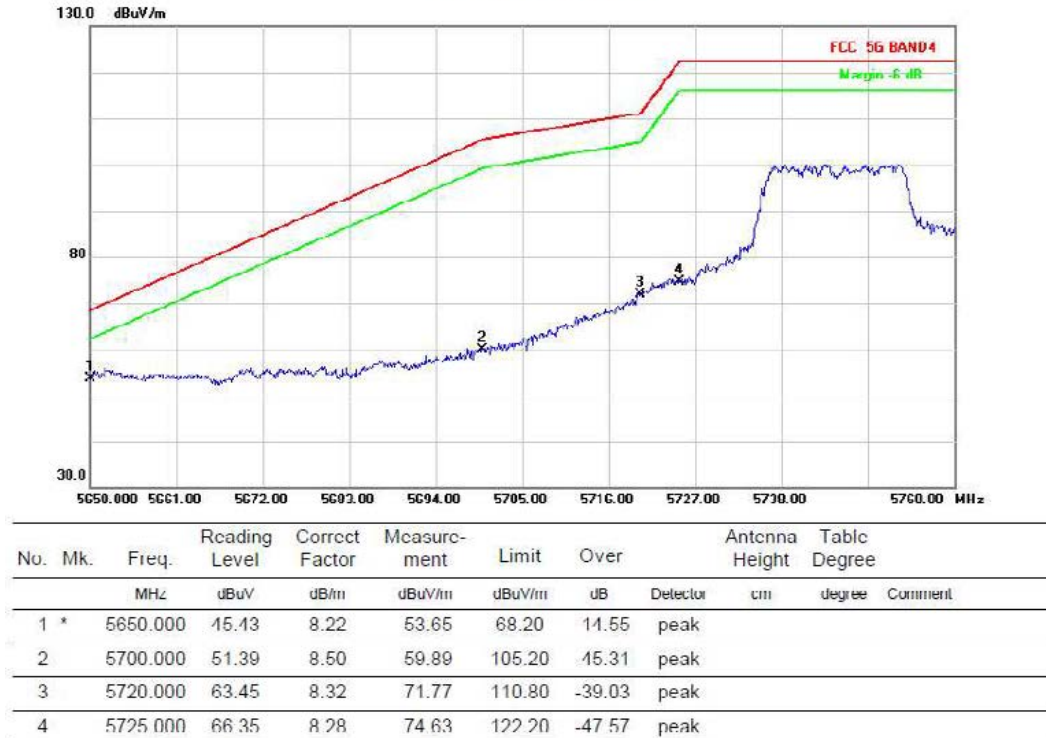


HORIZONTAL

Radiated Emission



Radiated Emission

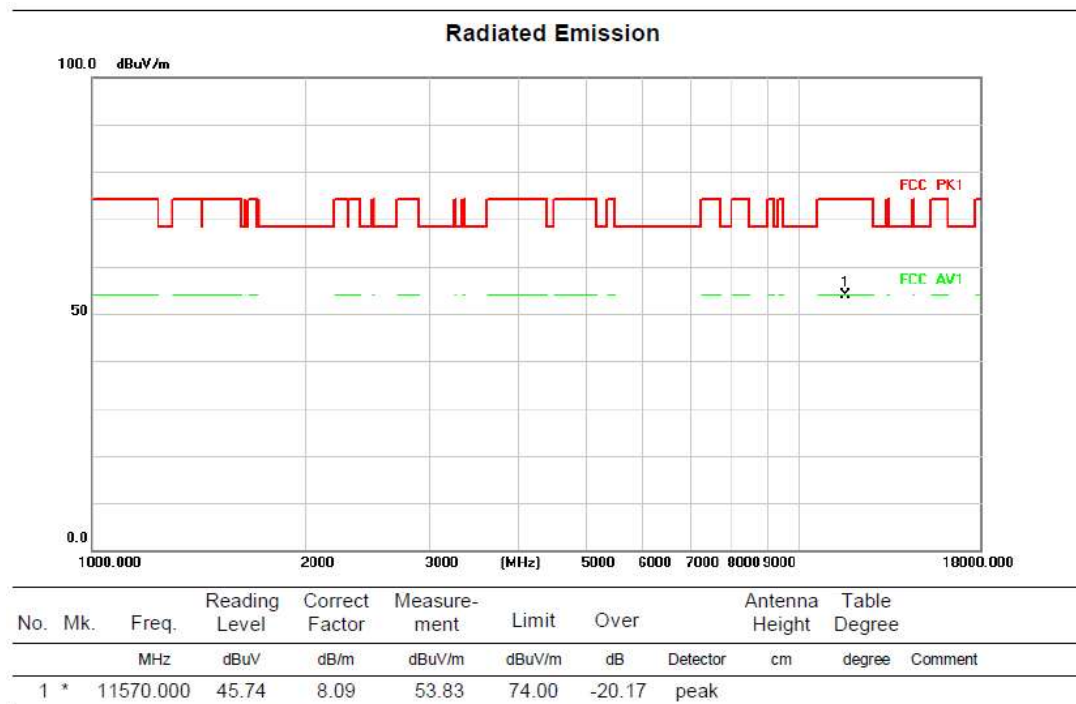


Above 1GHz (1GHz~18GHz)

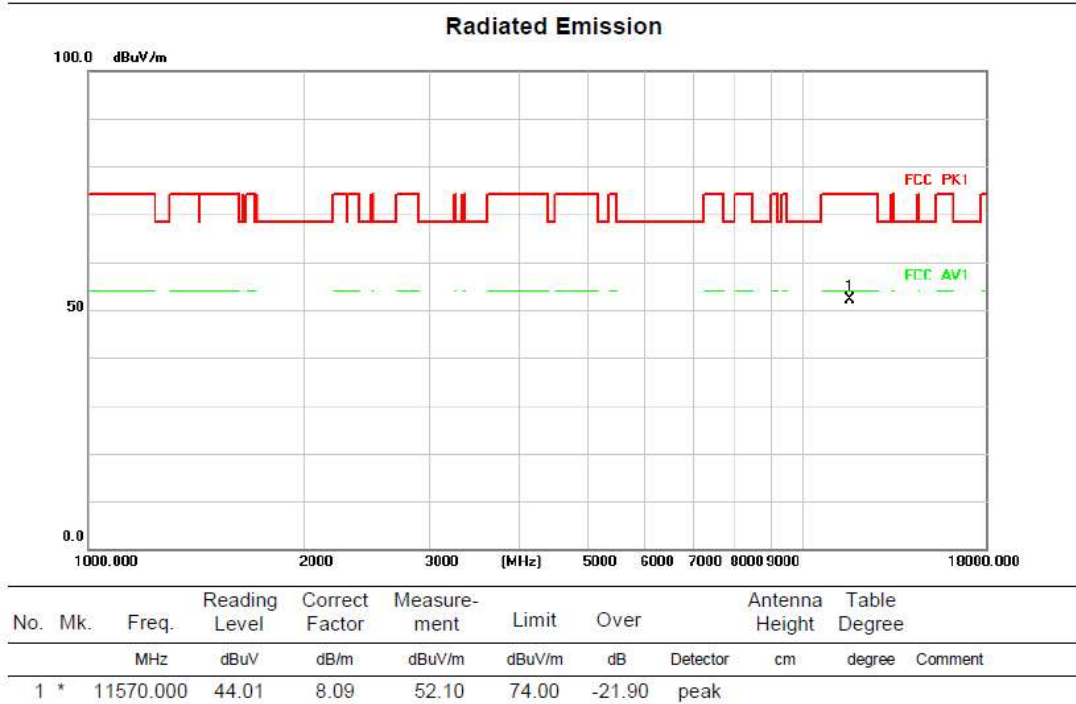
Test mode: 11N20MIMO

Test Channel:157

VERTICAL



HORIZONTAL



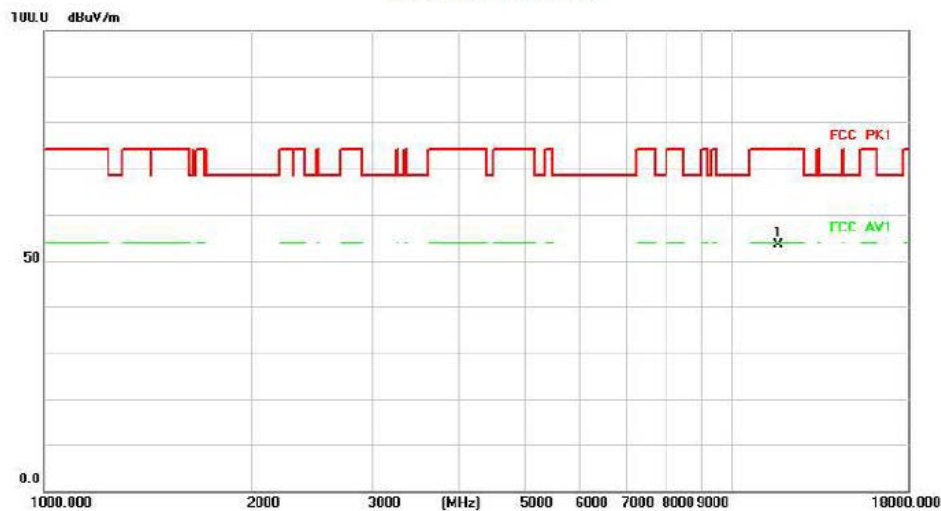
Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

Test Channel:165

VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11650.000	45.36	7.92	53.28	74.00	-20.72	peak	

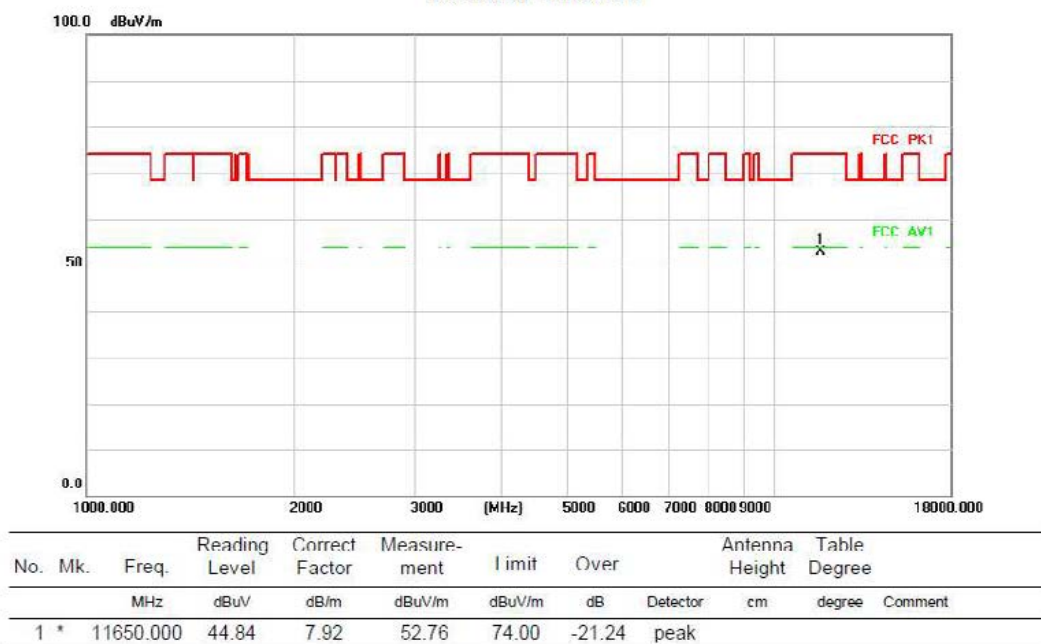
Radiated Emission



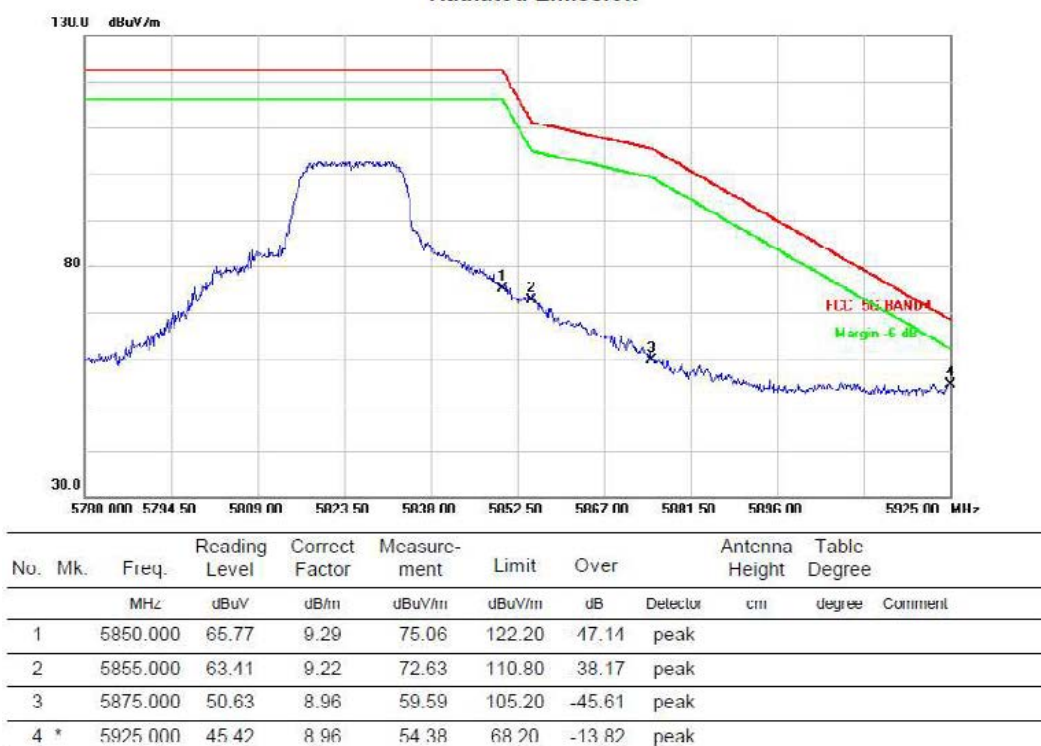
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	59.96	9.29	69.25	122.20	-52.95	peak	
2		5855.000	55.27	9.22	64.49	110.80	-46.31	peak	
3		5875.000	47.45	8.96	56.41	105.20	-48.79	peak	
4	*	5925.000	49.00	8.96	57.96	68.20	-10.24	peak	

HORIZONTAL

Radiated Emission



Radiated Emission



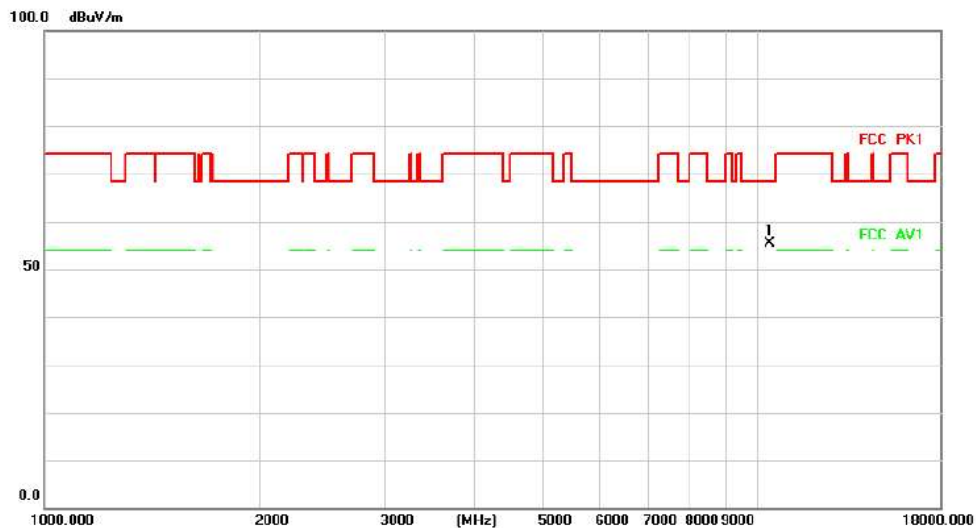
Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:38

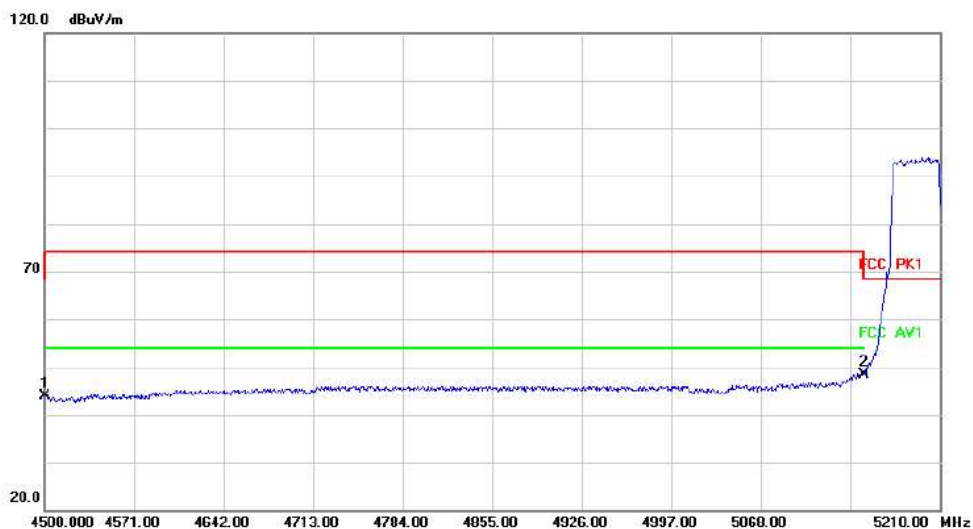
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10380.000	47.76	7.61	55.37	68.20	-12.83	peak	

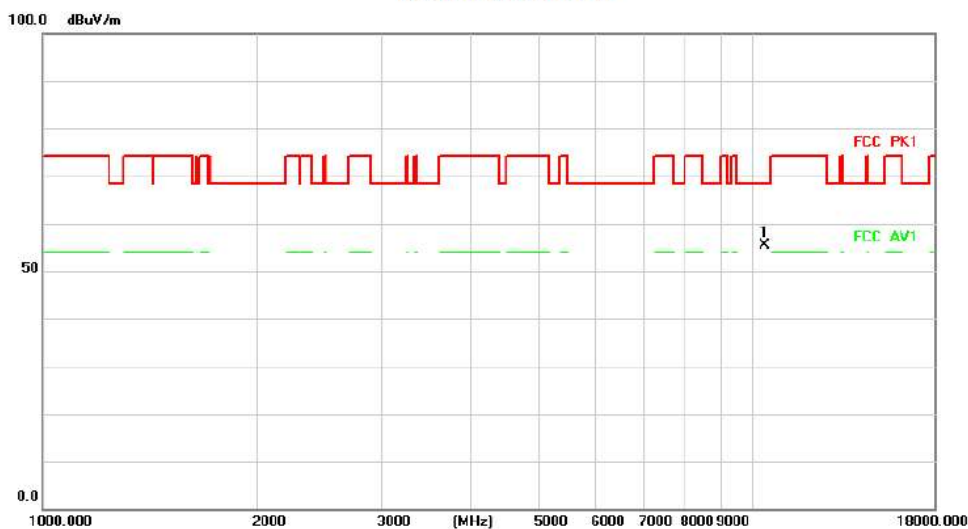
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	38.96	4.90	43.86	68.20	-24.34	peak	
2	*	5150.000	41.84	6.54	48.38	68.20	-19.82	peak	

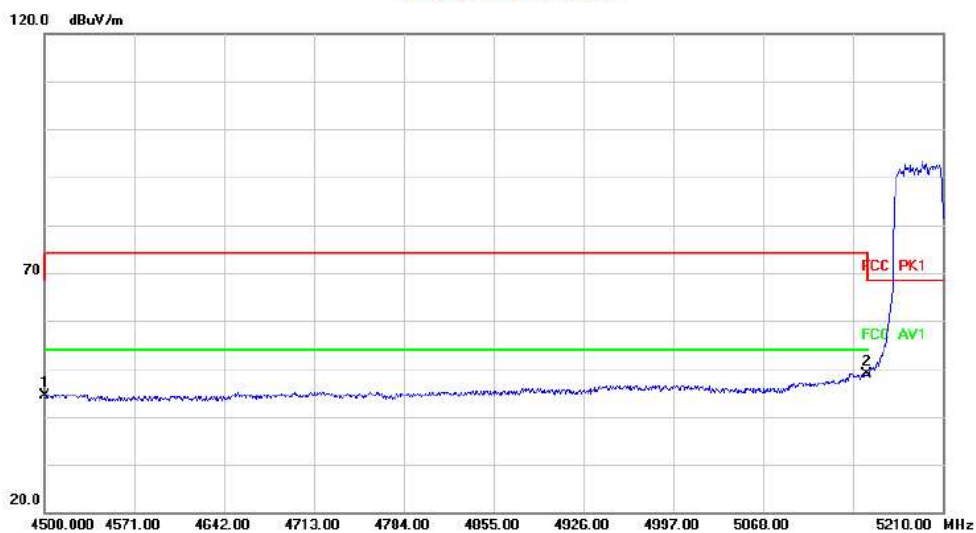
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10380.000	47.66	7.61	55.27	68.20	-12.93 peak		

Radiated Emission



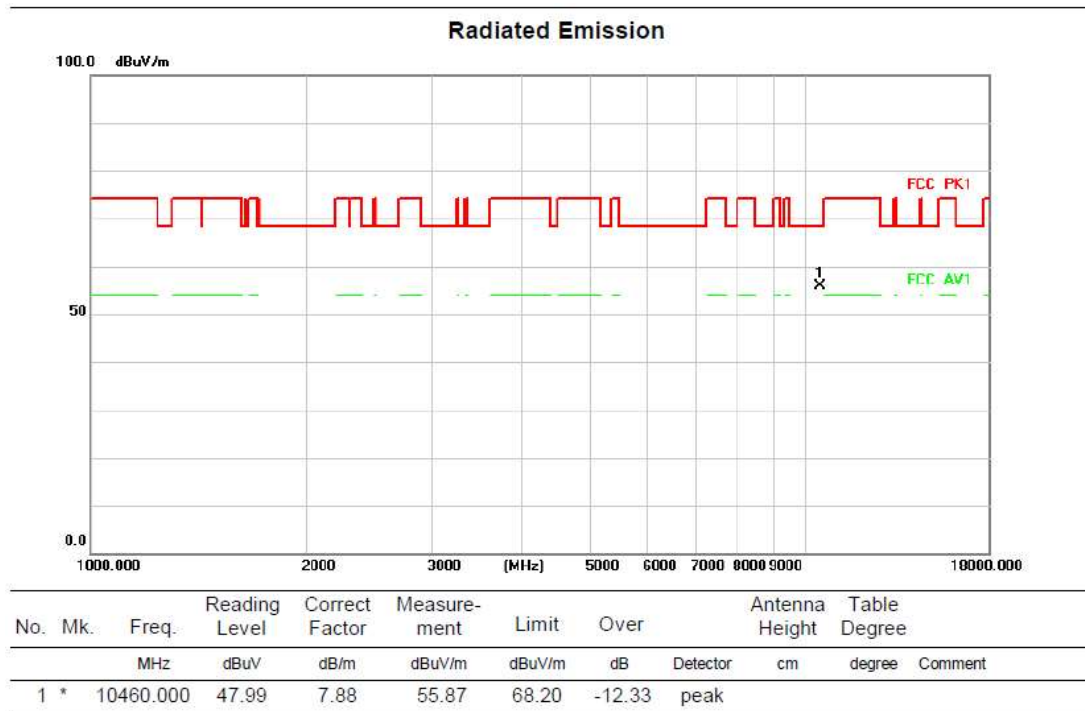
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	39.59	4.90	44.49	68.20	-23.71 peak		
2	*	5150.000	42.36	6.54	48.90	68.20	-19.30 peak		

Above 1GHz (1GHz~18GHz)

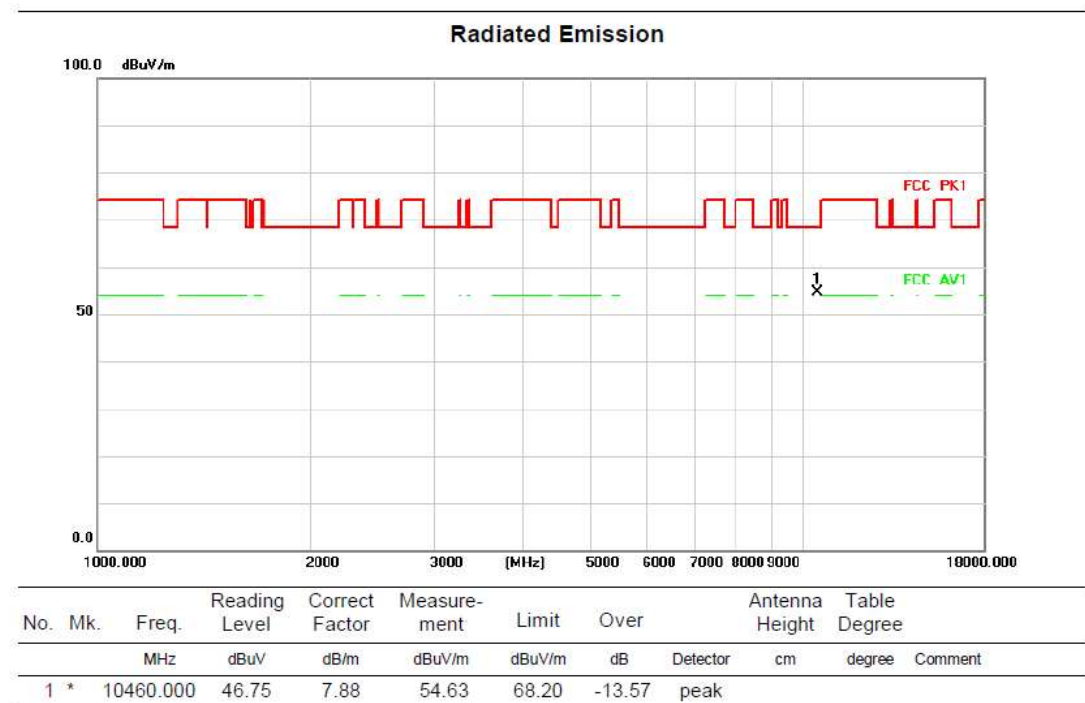
Test mode: 11N40MIMO

Test Channel:46

VERTICAL



HORIZONTAL

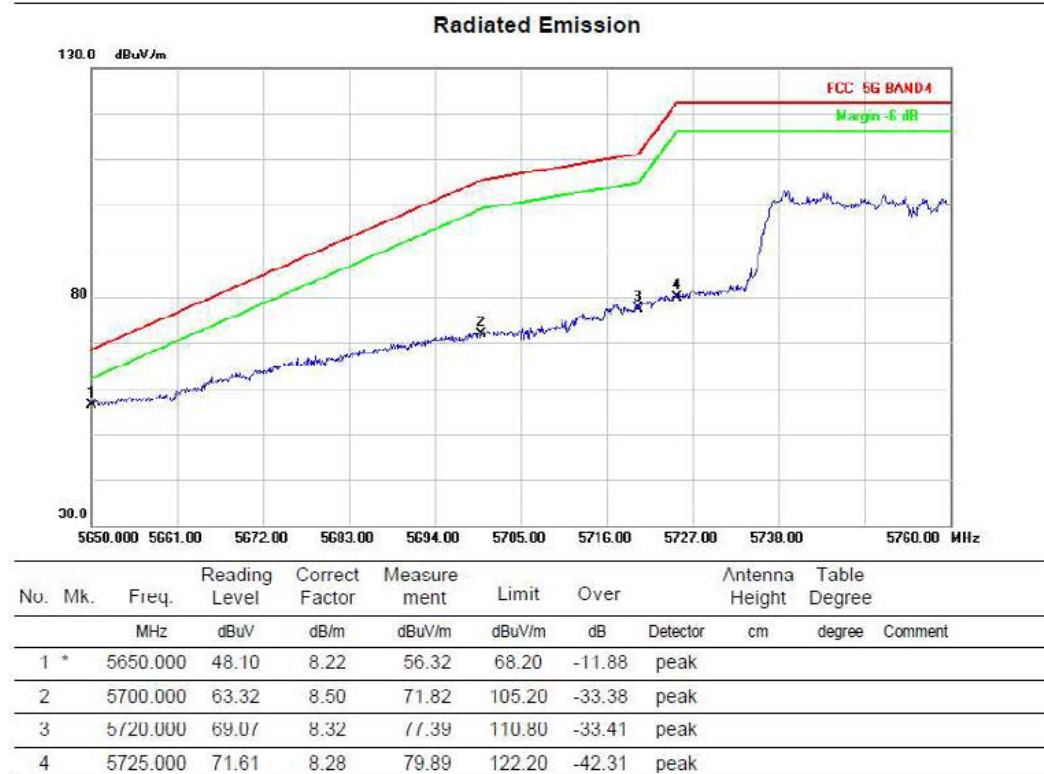
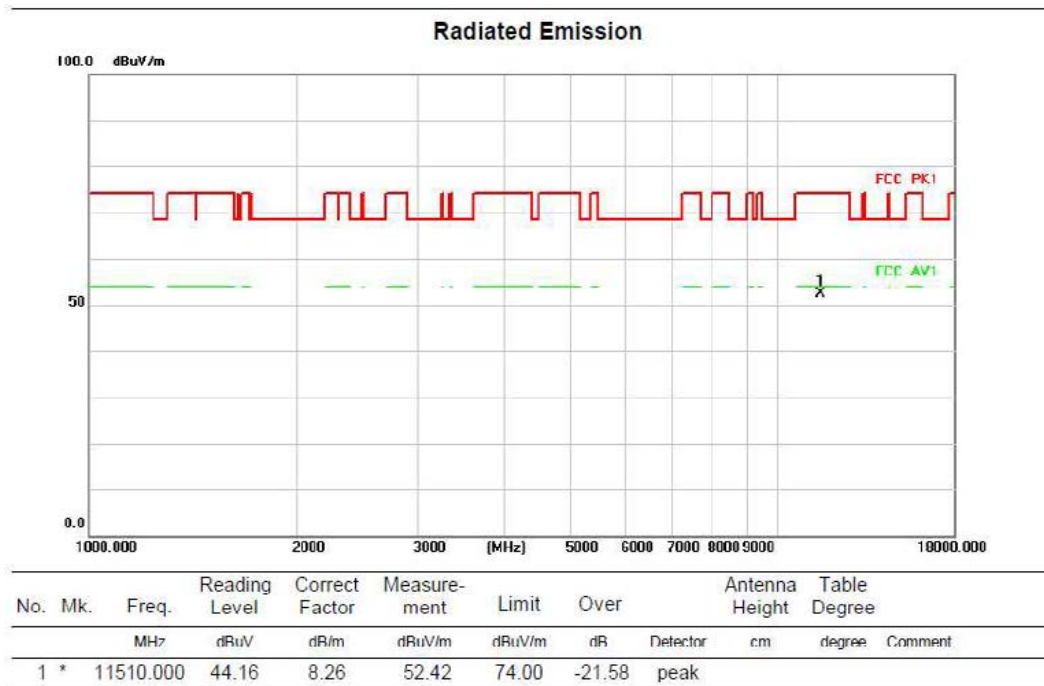


Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

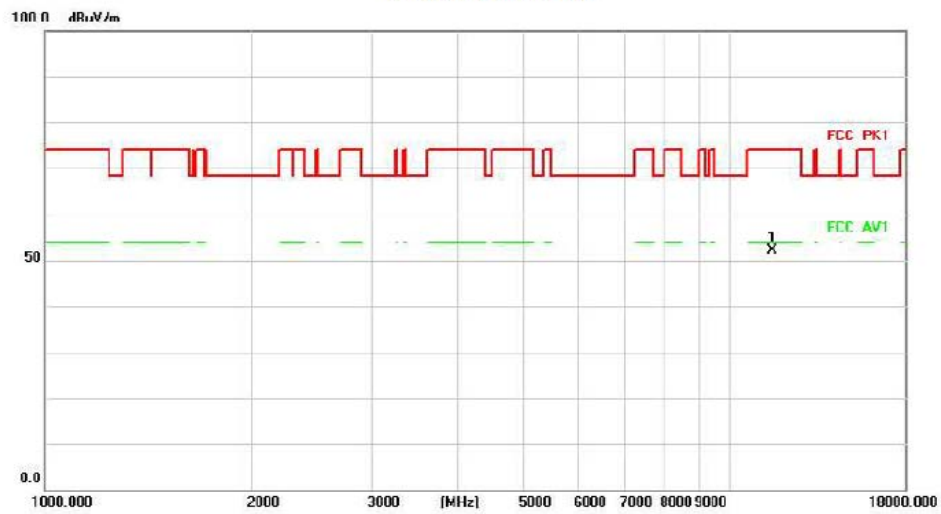
Test Channel:151

VERTICAL



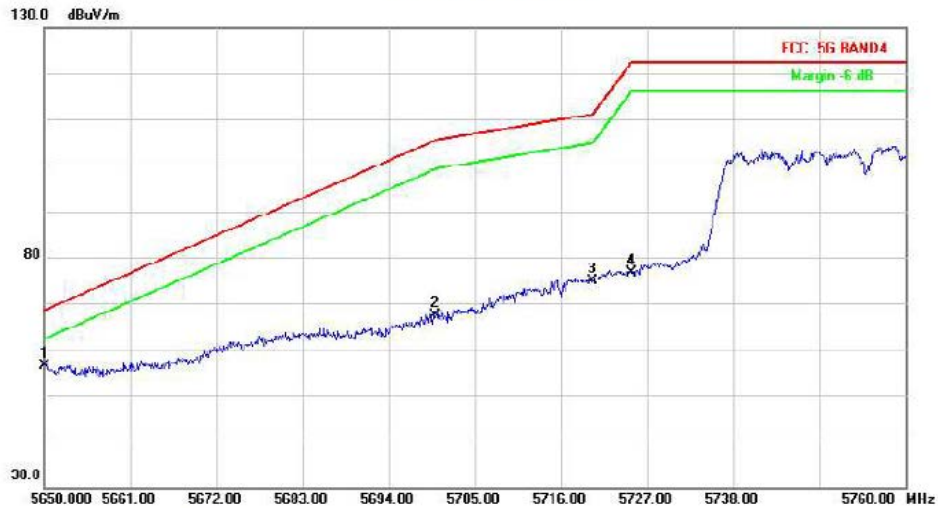
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11510.000	43.90	8.26	52.16	74.00	-21.84	peak	

Radiated Emission



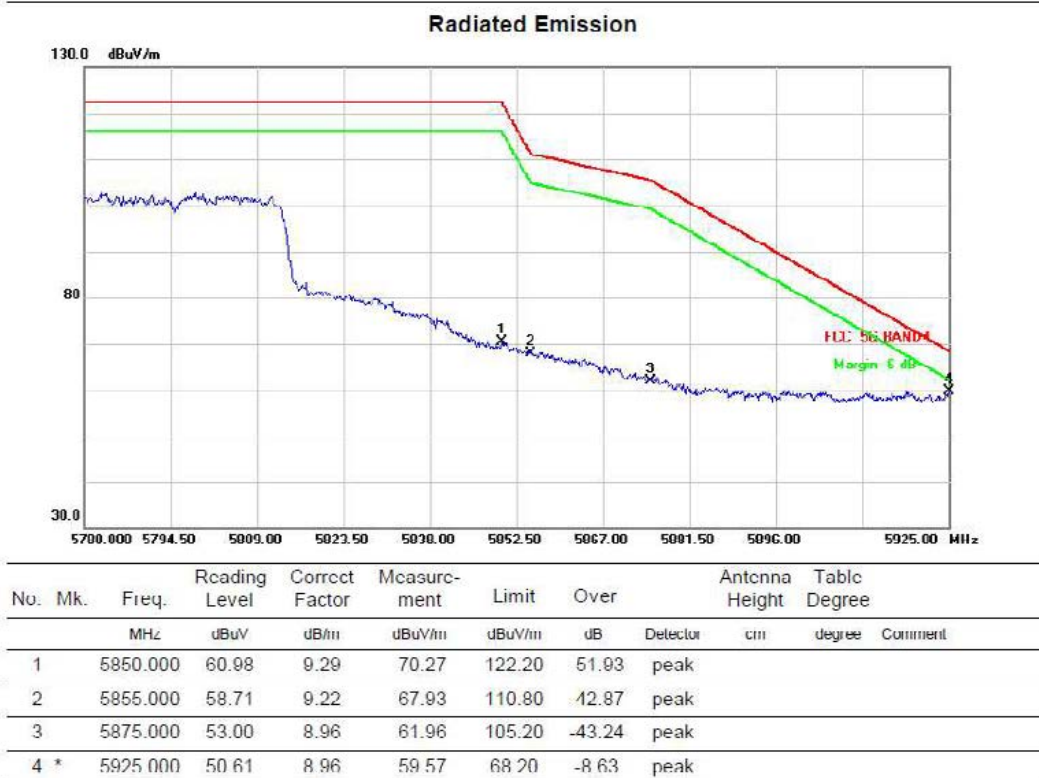
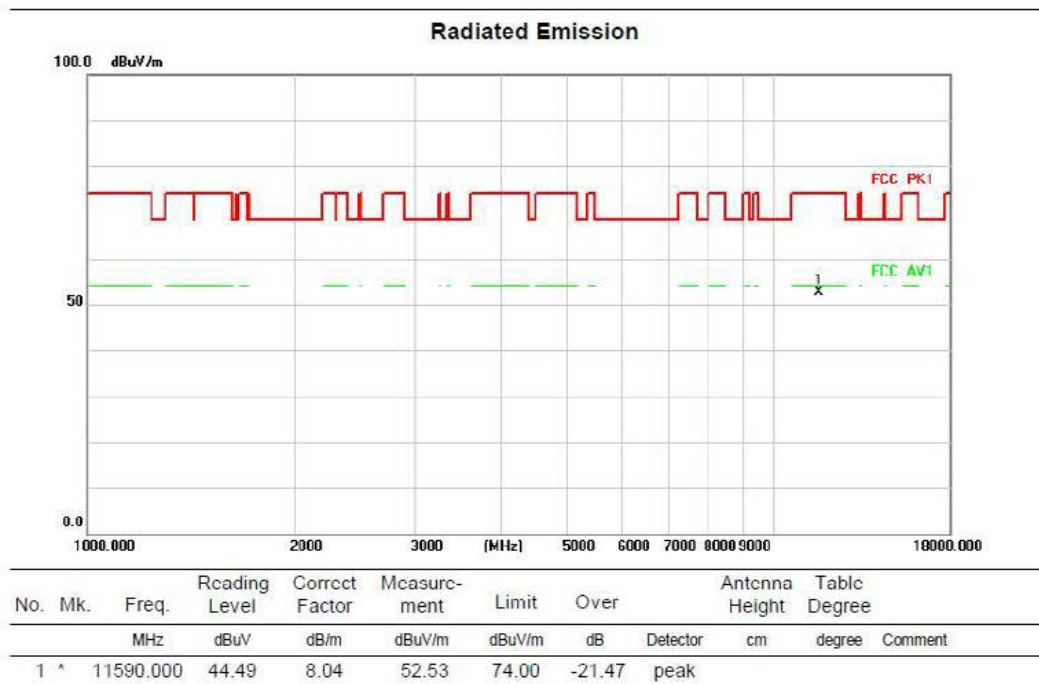
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	48.23	8.22	56.45	68.20	-11.75	peak	
2		5700.000	58.90	8.50	67.40	105.20	-37.80	peak	
3		5720.000	66.60	8.32	74.92	110.80	-35.88	peak	
4		5725.000	68.23	8.28	76.51	122.20	-45.69	peak	

Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

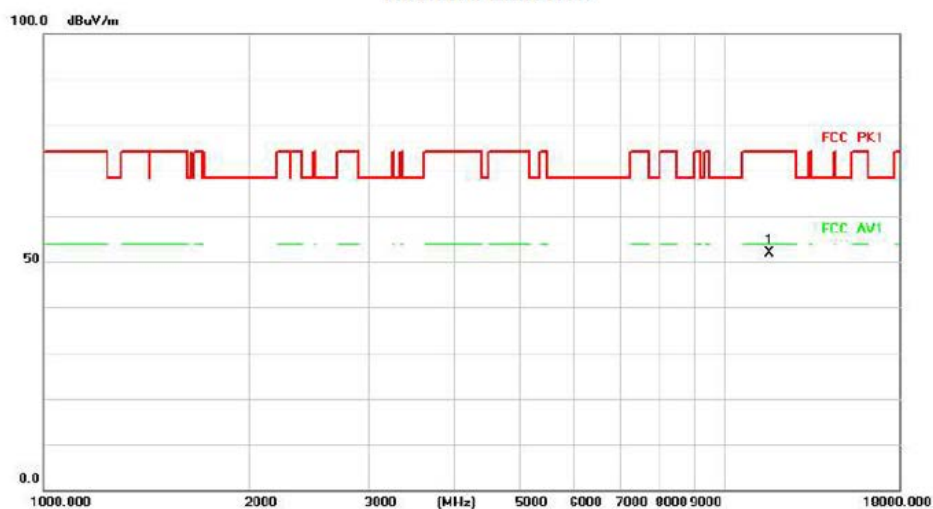
Test Channel:159

VERTICAL



HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11590.000	43.90	8.04	51.94	74.00	-22.06	peak	

Radiated Emission



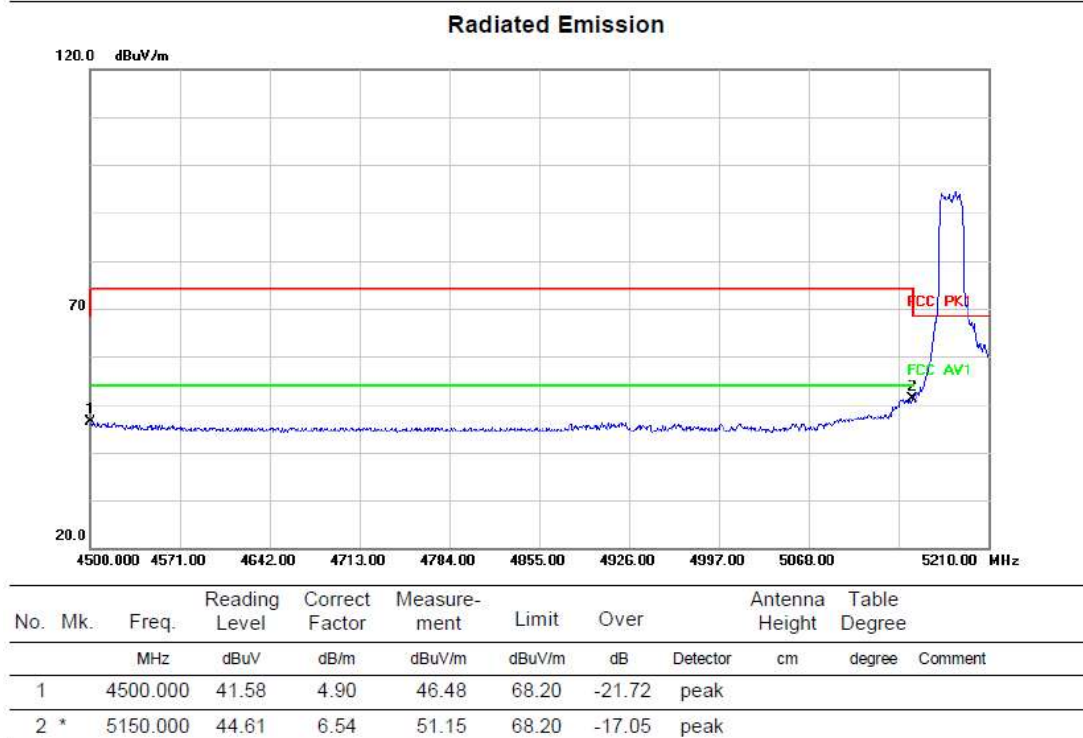
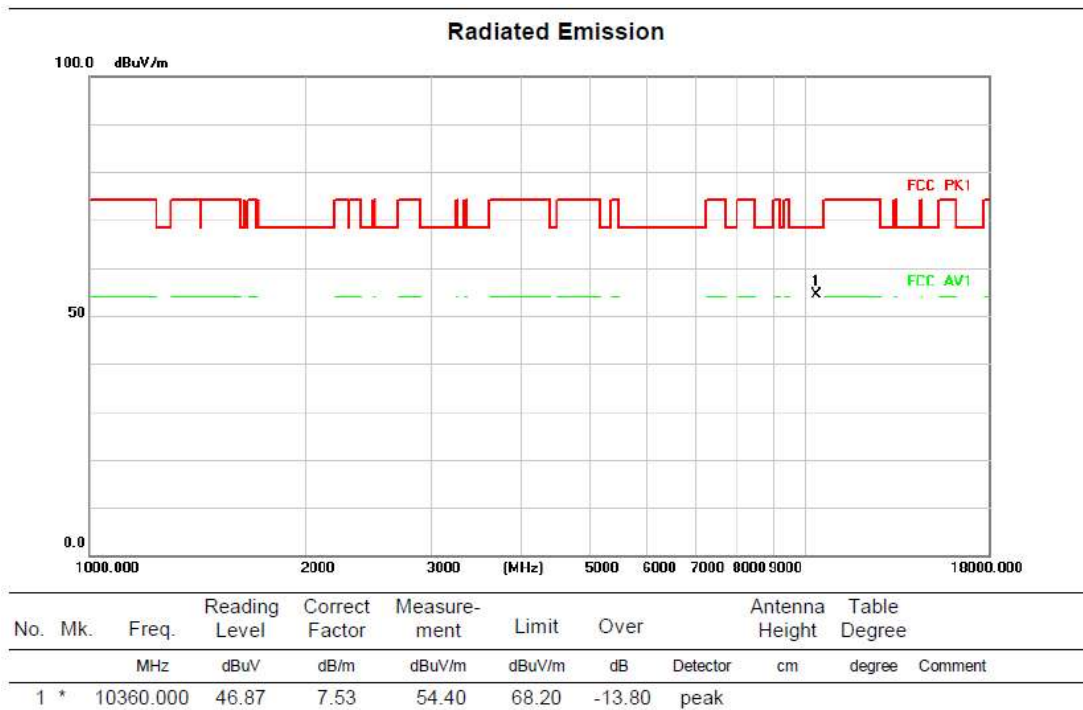
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	55.15	9.29	64.44	122.20	-57.76	peak	
2		5855.000	52.51	9.22	61.73	110.80	-49.07	peak	
3		5875.000	48.84	8.96	57.80	105.20	-47.40	peak	
4	*	5925.000	50.66	8.96	59.62	68.20	-8.58	peak	

Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

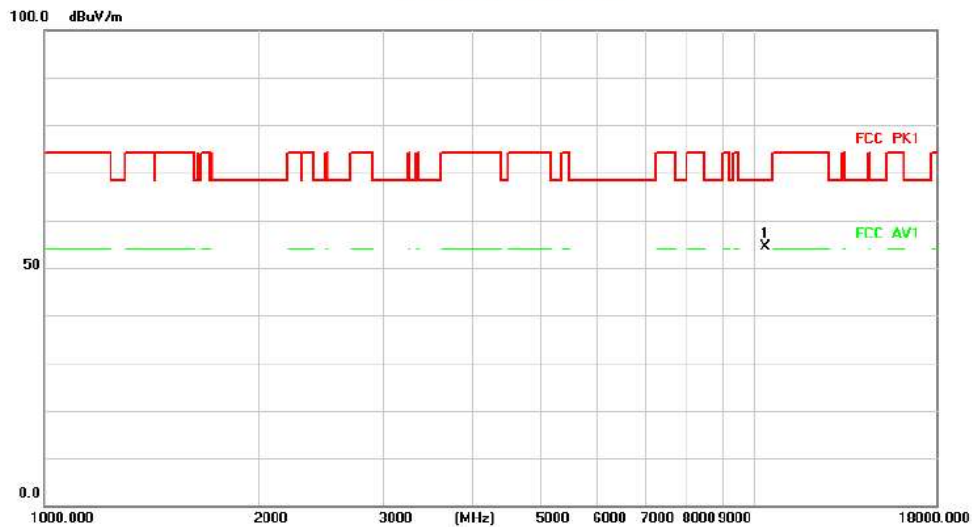
Test Channel:36

VERTICAL



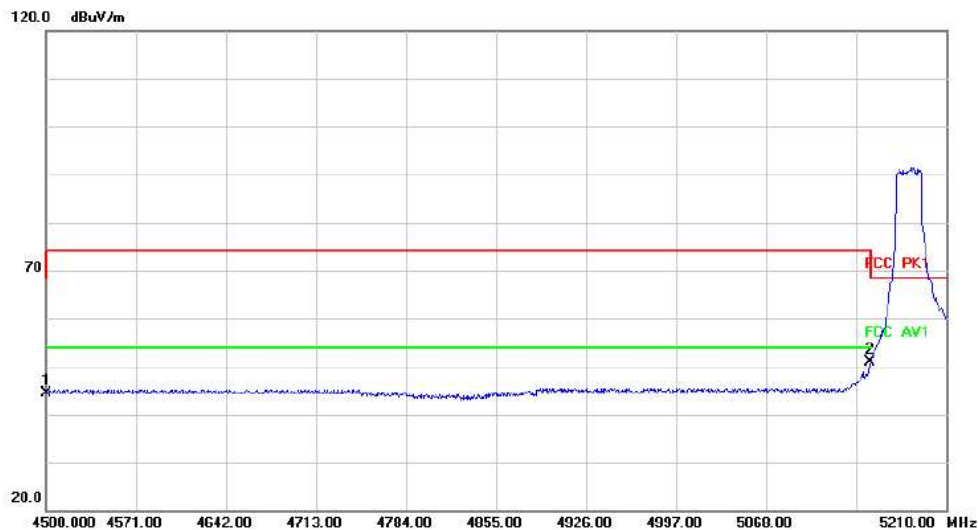
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10360.000	46.81	7.53	54.34	68.20	-13.86	peak	

Radiated Emission



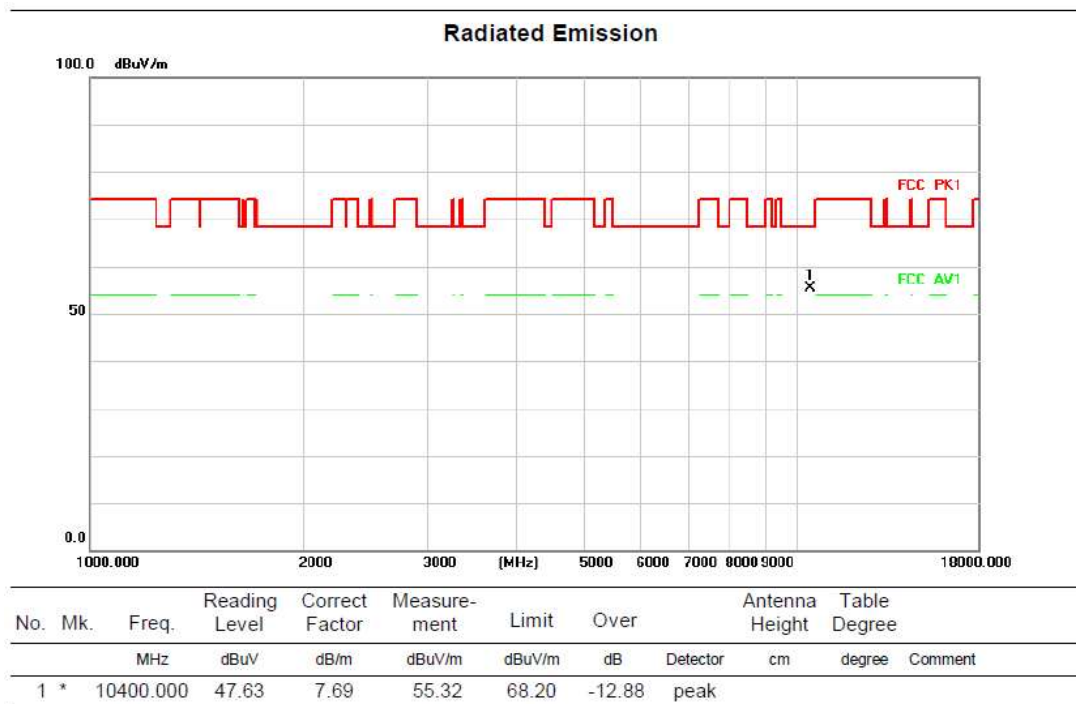
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		4500.000	39.37	4.90	44.27	68.20	-23.93	peak	
2	*	5150.000	44.28	6.54	50.82	68.20	-17.38	peak	

Above 1GHz (1GHz~18GHz)

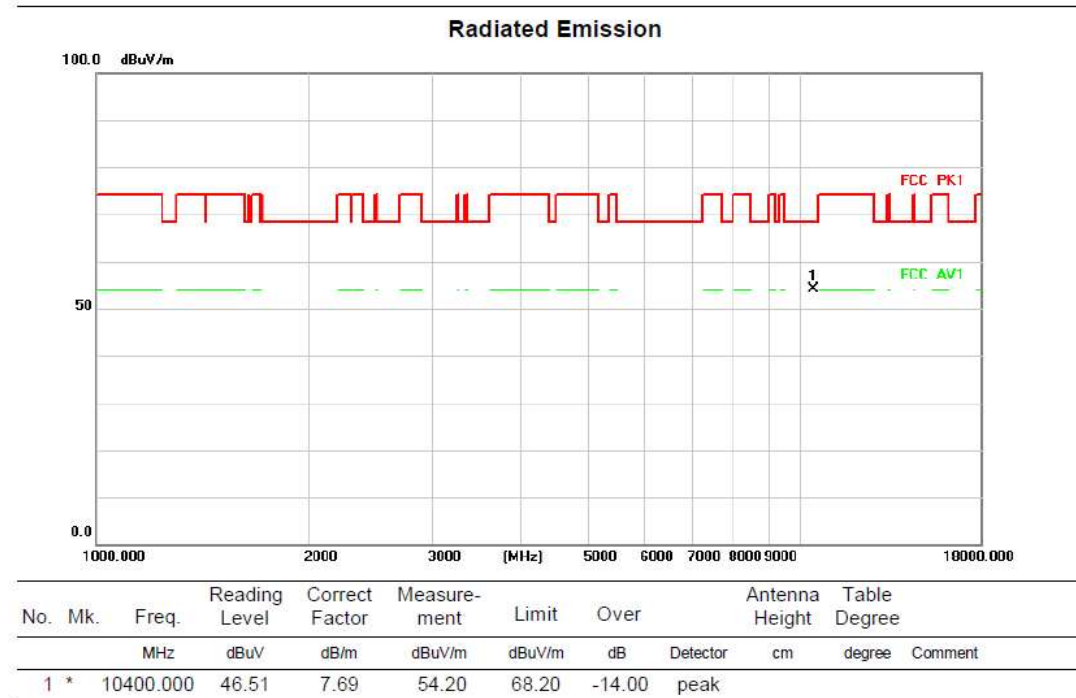
Test mode: 11AC20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

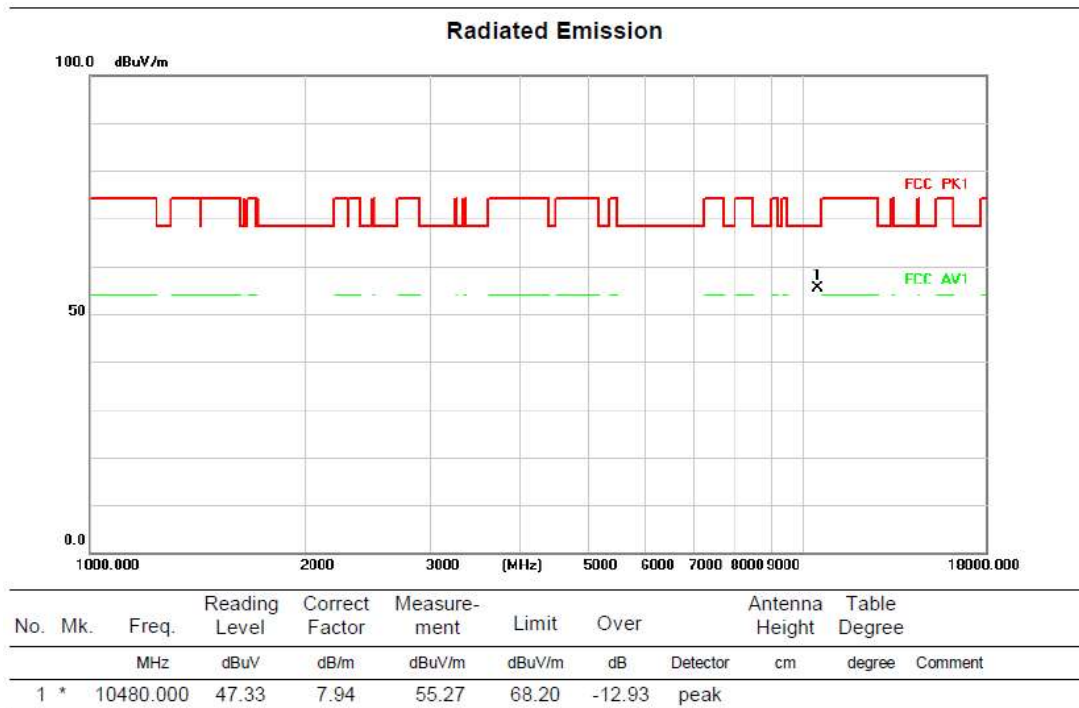


Above 1GHz (1GHz~18GHz)

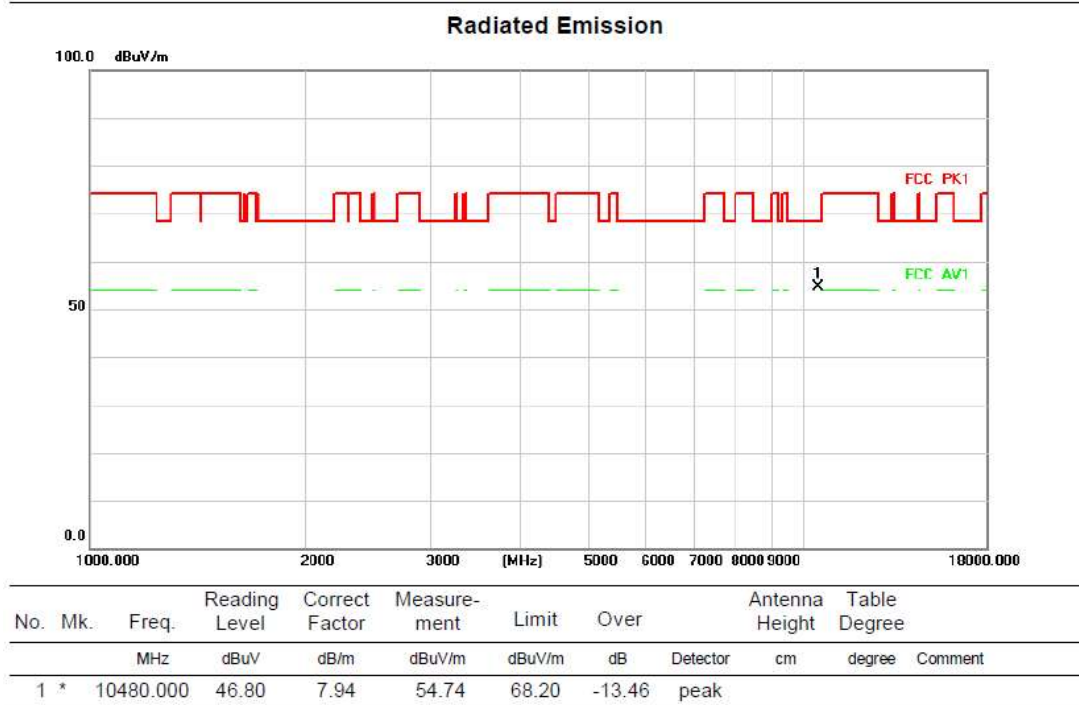
Test mode: 11AC20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

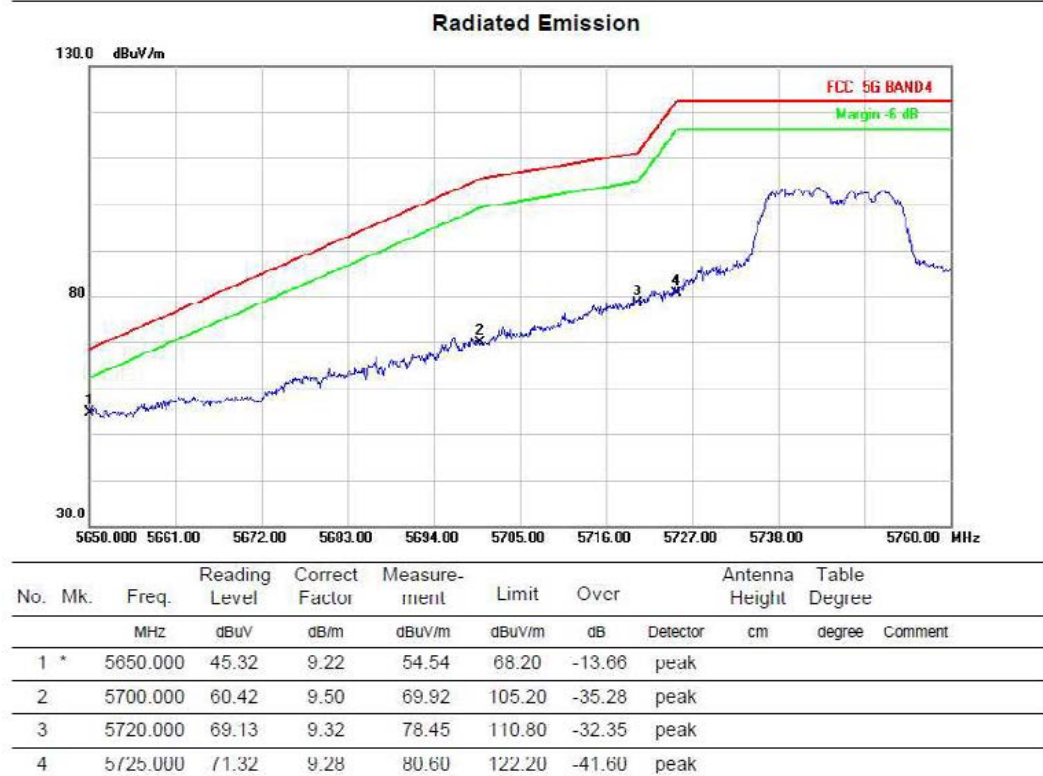
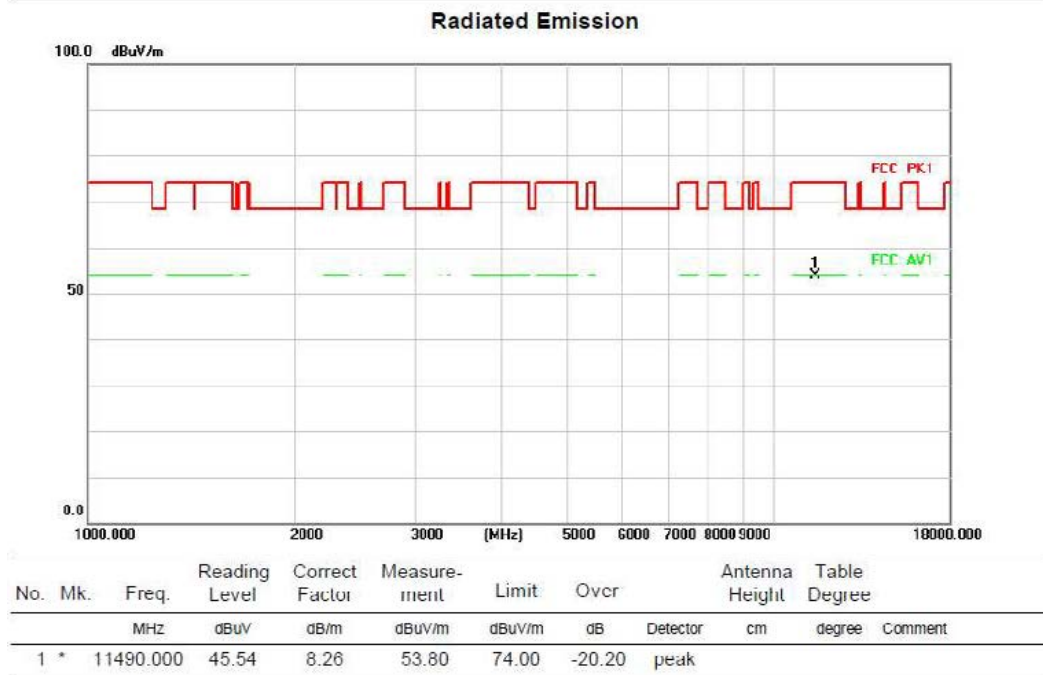


Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

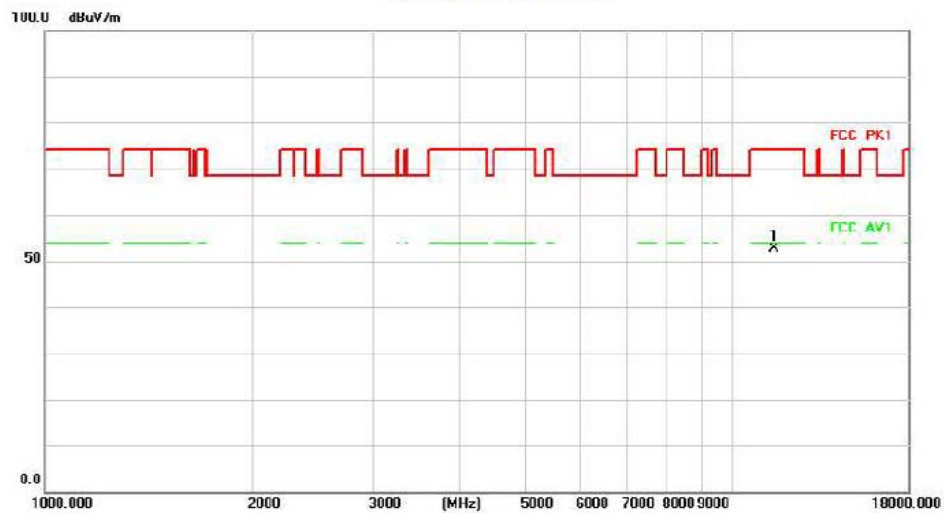
Test Channel:149

VERTICAL



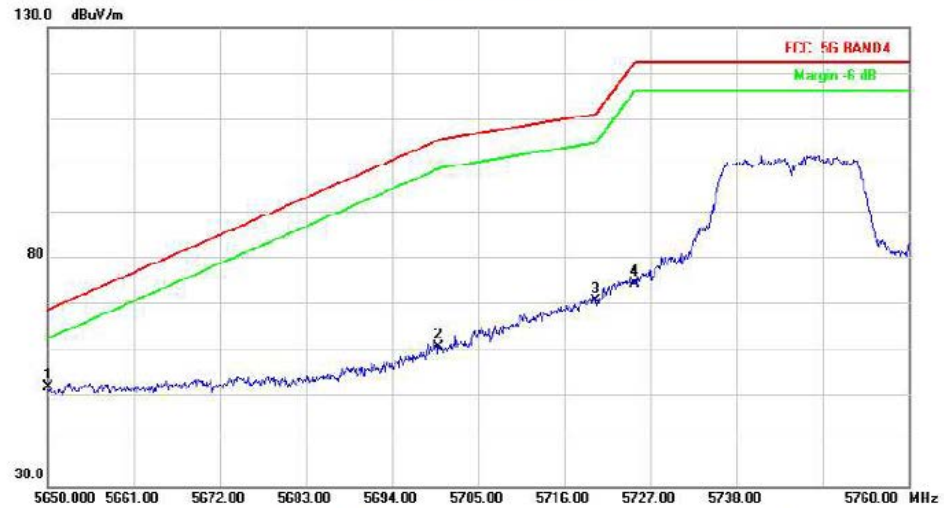
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11490.000	44.31	8.26	52.57	74.00	-21.43	peak	

Radiated Emission



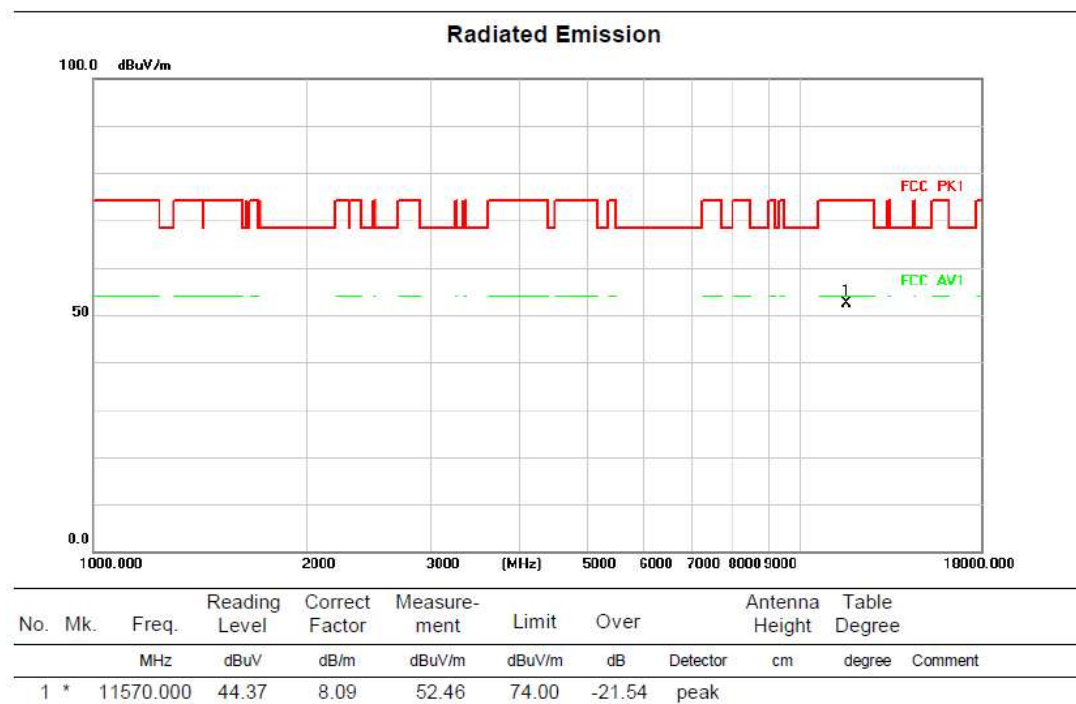
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	42.47	9.22	51.69	68.20	-16.51	peak	
2		5700.000	50.82	9.50	60.32	105.20	-44.88	peak	
3		5720.000	61.12	9.32	70.44	110.80	-40.36	peak	
4		5725.000	64.94	9.28	74.22	122.20	-47.98	peak	

Above 1GHz (1GHz~18GHz)

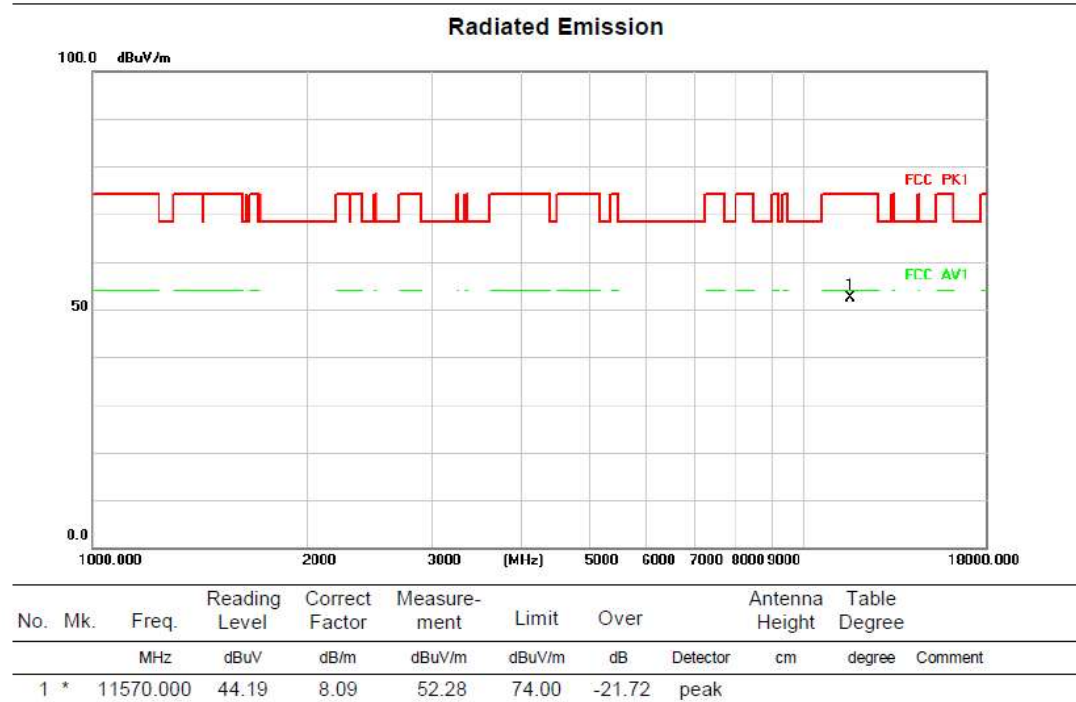
Test mode: 11AC20MIMO

Test Channel:157

VERTICAL



HORIZONTAL



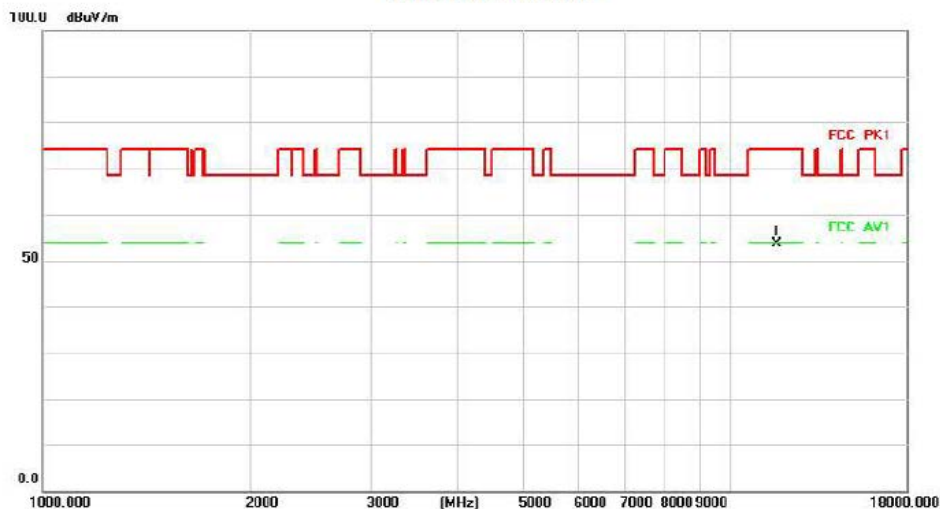
Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:165

VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11650.000	45.77	7.92	53.69	74.00	-20.31	peak	

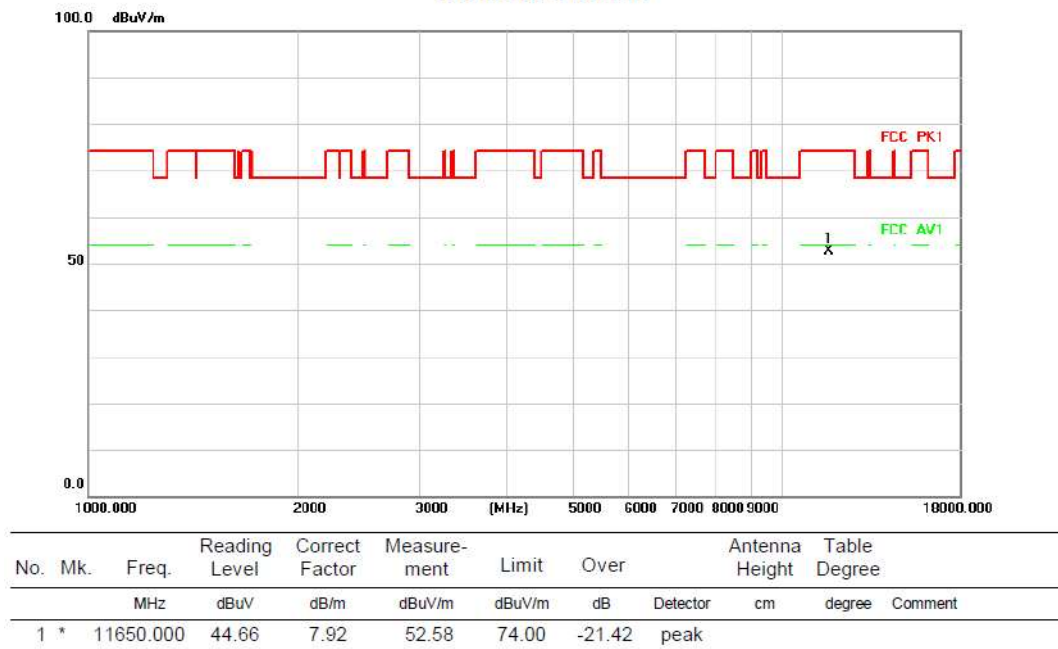
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5850.000	65.40	10.29	75.69	122.20	-46.51	peak	
2		5855.000	61.49	10.22	71.71	110.80	-39.09	peak	
3		5875.000	47.53	9.96	57.49	105.20	-47.71	peak	
4	*	5925.000	42.21	9.96	52.17	68.20	-16.03	peak	

HORIZONTAL

Radiated Emission



Radiated Emission

