

RF TEST REPORT

FCC ID: 2BNYN-DX-ETS-5000KA

Test Report No.....: RF250320018-02-002

Product(s) Name.....: 50" CLASS SMART 4K UHD LED TV

Model(s).....: ETS-5000KA, 50Z11, 50S10, WD49FX5201, 50*****
("*" can be any alphanumeric character symbol or blank, which represents different color and sales area code.)

Trade Mark.....: N/A

Applicant.....: Dual Shine Electronics Technology(Xiamen) Co., Ltd

Address.....: NO.188, XINTIAN RD, HOUXI TOWN, JIMEI DISTRICT, XIAMEN,
FUJIAN PROVINCE, CHINA

Receipt Date.....: 2025.04.01

Test Date.....: 2025.04.02~2025.04.08

Issued Date.....: 2025.04.09

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

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

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History of this test report

Original Report Issue Date: 2025.04.09

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Dual Shine Electronics Technology(Xiamen) Co., Ltd

NO.188, XINTIAN RD, HOUXI TOWN, JIMEI DISTRICT,XIAMEN, FUJIAN PROVINCE, CHINA

1.2 Manufacturer

Dual Shine Electronics Technology(Xiamen) Co., Ltd

NO.188, XINTIAN RD, HOUXI TOWN, JIMEI DISTRICT,XIAMEN, FUJIAN PROVINCE, CHINA

1.3 Basic Description of Equipment Under Test

Sample No.	POC250320018-S002	
Equipment Name	50" CLASS SMART 4K UHD LED TV	
Model Name	ETS-5000KA, 50Z11, 50S10, WD49FX5201, 50***** ("*"can be any alphanumeric character symbol or blank, which represents different color and sales area code.)	
Test Model	ETS-5000KA	
Model Difference	Only the appearance color and model name are difference	
Trade Mark	N/A	
Power Supply	AC 100-240V, 50/60Hz	
Operating Temperature	0℃-45℃	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band	5150MHz ~5250MHz; 5250MHz ~5350MHz 5470MHz ~5725MHz; 5725MHz ~5850MHz	
Product Type	IEEE 802.11a: WLAN (SISO) IEEE 802.11n/ac: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz	
Modulation	OFDM	
Antenna gain	Ant1: 2.76dBi, Ant2: 2.76dBi	
Antenna type	Double copper tube 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	
Type of Device	Client device	
DFS Function (Client devices)	●	5250MHz ~5350MHz
	●	5470MHz ~5725MHz

Channel Information			
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	802.11a /n /ac (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 (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 (80MHz)	5210	42
5250-5350		5290	58
5470-5725		5530-5610	106-122
5725-5850		5775	155

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
☒	802.11n(20MHz)	Operating mode	☐	1TX	☒	2TX	☐	3TX
☒	802.11n(40MHz)	Operating mode	☐	1TX	☒	2TX	☐	3TX
☒	802.11ac(20MHz)	Operating mode	☐	1TX	☒	2TX	☐	3TX
☒	802.11ac(40MHz)	Operating mode	☐	1TX	☒	2TX	☐	3TX
☒	802.11ac(80MHz)	Operating mode	☐	1TX	☒	2TX	☐	3TX

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 and Restricted bands of operation	15.205(a) 15.209(a) 15.407(b)	Pass	Meet the requirement of the limit
Antenna Requirements	15.203	Compliance	Note1
Spectrum Bandwidth	15.407(a) 15.407(e)	Note2	Meet the requirement of the limit
Conducted Output Power	15.407(a)	Note2	Meet the requirement of the limit
Power Spectral Density	15.407(a)	Note2	Meet the requirement of the limit
Dynamic Frequency Selection (DFS)	15.407(h)	Pass	See the report RF250320018-02-005 for details

Note:

- 1.The EUT has 2 double copper tube antennas arrangement which was permanently attached.
2. For test data, please refer to the report 4790010773.1-4.
3. Module report 4790010773.1-4(FCC ID: 2AR82-SKIWB663U21), this module is used for 50" CLASS SMART 4K UHD LED TV with change in antenna type. Therefore, the radiated emission and band edge and AC power conducted emission were tested with reference to the original report, while the rest remained unchanged.
4. For MIMO mode, Directional gain=GANT + Array Gain=5.77 dBi, The final test results for conducted power and PSD remain PASS

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 Emission							
No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2025/3/1	2026/2/28
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2024/4/20	2025/4/19
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	2024/4/20	2025/4/19
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2024/4/24	2025/4/23
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	2024/4/24	2025/4/23
7	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	23.7°C, 49% RH	AC 120V/60Hz	Freedom Zhuo
Radiated Emission	24.2°C, 49% RH	AC 120V/60Hz	Freedom Zhuo

Note: The applicant declare the operating environment of EUT as below:

Normal conditions: 120V AC, 0~45°C

2.6 Duty Cycle of Test Signal

Test result: PASS

Note: For test data, please refer to the report 4790010773.1-4.

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	±0.377dB
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
Conducted emission(9kHz~30MHz) AC main	±2.68dB
Radiated emission(9kHz~30MHz)	±2.74dB
Radiated emission (30MHz~1GHz)	±4.22dB
Radiated emission (1GHz~18GHz)	±5.06dB
Radiated emission (18GHz~40GHz)	±4.98dB

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

Support Equipment				
No.	Equipment	Model Name	Manufacturer	Remarks
1	PC	M4500T	Thinkpad	M032004854IT
2	USB Disk	/	Kingston	/
3	Earphone	/	/	/

2.10 Deviation from Standards

None

2.11 Abnormalities from Standard Conditions

None

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.

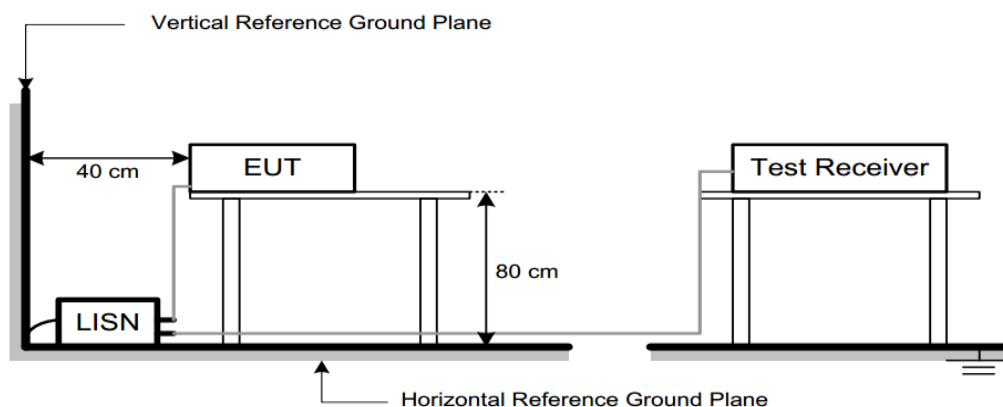
2. The lower limit shall apply at the transition frequencies.

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



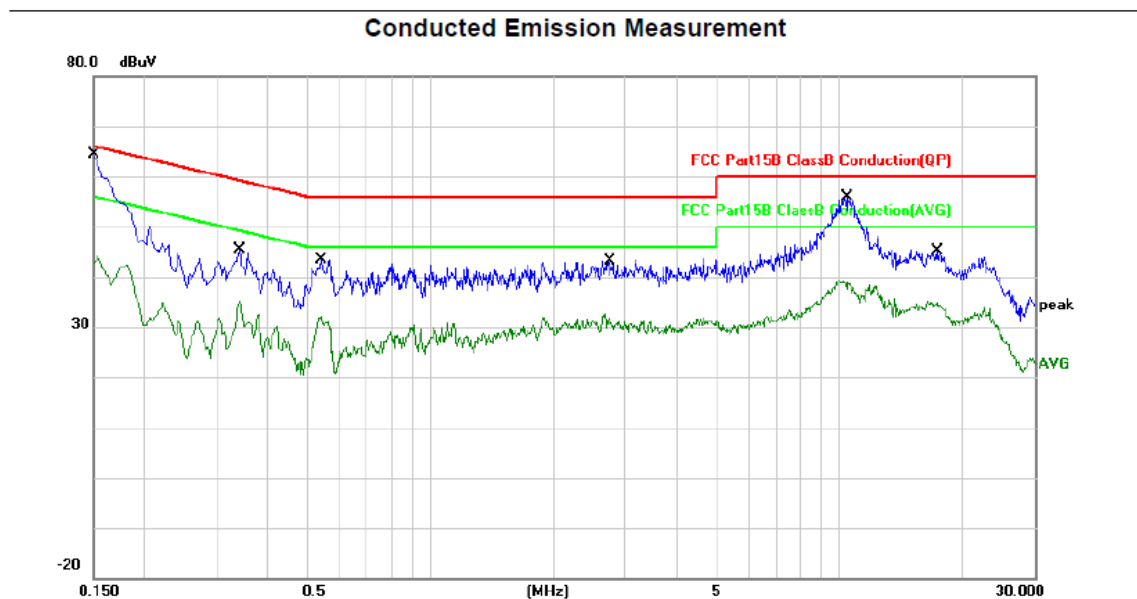
3.1.4 Test Result

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 114 is found to be the worst case and recorded.

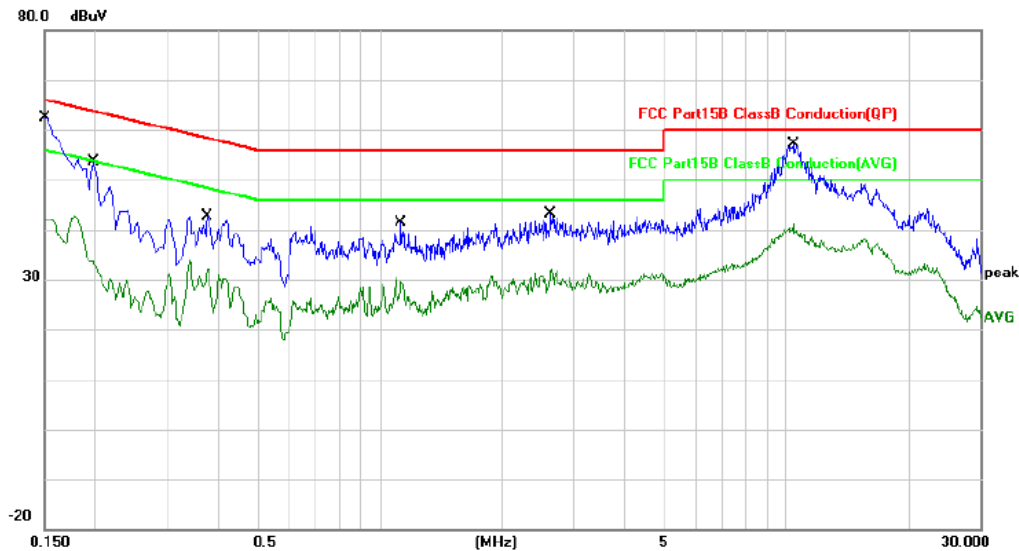
150kHz~30MHz	TX 11N40MIMO Channel 114
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Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1500	40.51	20.07	60.58	66.00	-5.42	QP	
2		0.1500	22.09	20.07	42.16	56.00	-13.84	AVG	
3		0.3420	20.72	20.02	40.74	59.15	-18.41	QP	
4		0.3420	14.62	20.02	34.64	49.15	-14.51	AVG	
5		0.5420	18.67	20.09	38.76	56.00	-17.24	QP	
6		0.5420	12.05	20.09	32.14	46.00	-13.86	AVG	
7		2.7380	17.21	20.12	37.33	56.00	-18.67	QP	
8		2.7380	11.46	20.12	31.58	46.00	-14.42	AVG	
9		10.4540	27.63	20.46	48.09	60.00	-11.91	QP	
10		10.4540	16.38	20.46	36.84	50.00	-13.16	AVG	
11		17.3300	18.75	20.35	39.10	60.00	-20.90	QP	
12		17.3300	13.21	20.35	33.56	50.00	-16.44	AVG	

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1500	40.04	20.07	60.11	66.00	-5.89	QP	
2		0.1500	22.16	20.07	42.23	56.00	-13.77	AVG	
3		0.1980	24.01	20.04	44.05	63.69	-19.64	QP	
4		0.1980	10.17	20.04	30.21	53.69	-23.48	AVG	
5		0.3780	16.17	20.21	36.38	58.32	-21.94	QP	
6		0.3780	11.41	20.21	31.62	48.32	-16.70	AVG	
7		1.1340	14.24	20.12	34.36	56.00	-21.64	QP	
8		1.1340	8.62	20.12	28.74	46.00	-17.26	AVG	
9		2.6500	17.26	20.08	37.34	56.00	-18.66	QP	
10		2.6500	11.16	20.08	31.24	46.00	-14.76	AVG	
11		10.4020	29.38	20.46	49.84	60.00	-10.16	QP	
12		10.4020	18.15	20.46	38.61	50.00	-11.39	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(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 $\text{dB}(\mu\text{V})/\text{m}$ (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($\text{dB}\mu\text{V/m}$)
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: $E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] + 95.2$, 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	

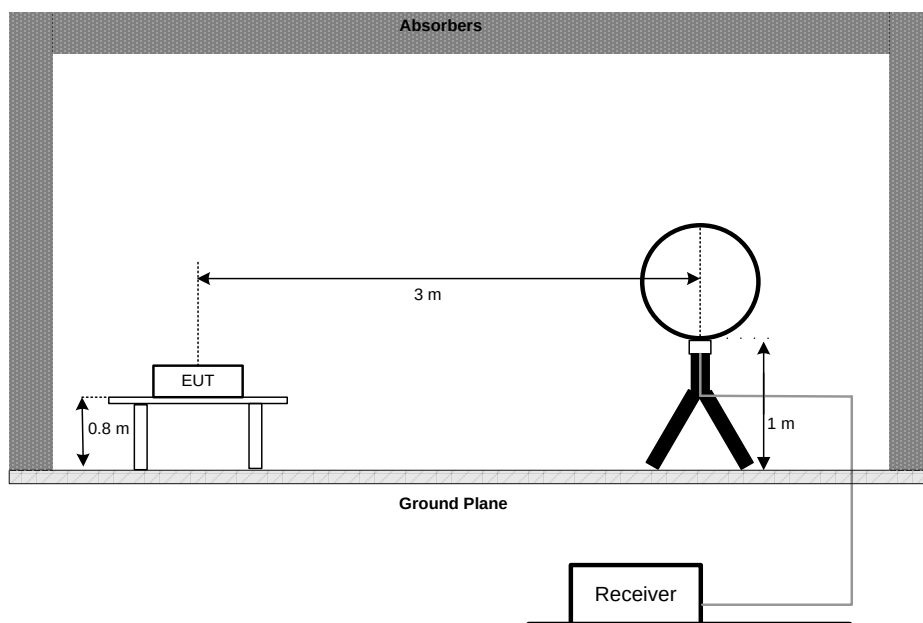
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

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

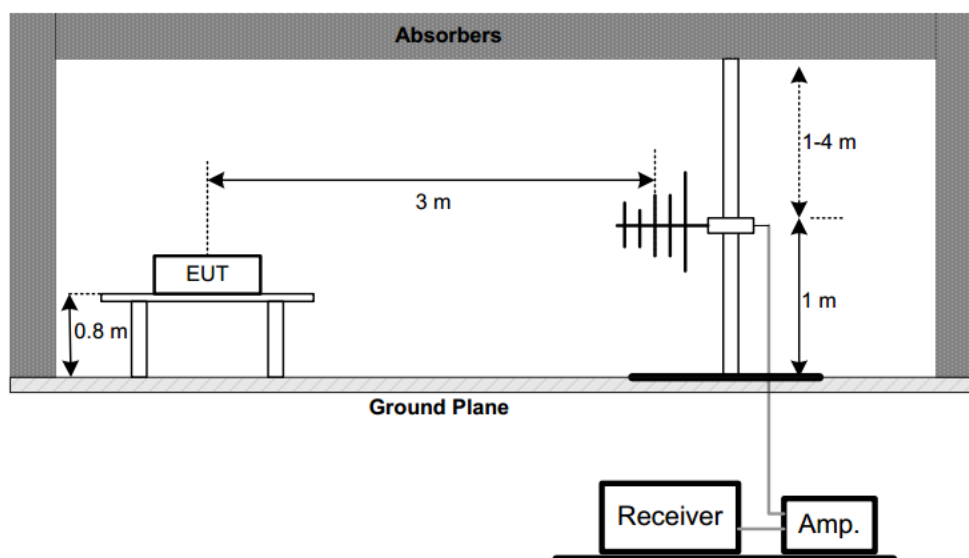
Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

3.2.3 Test Setup

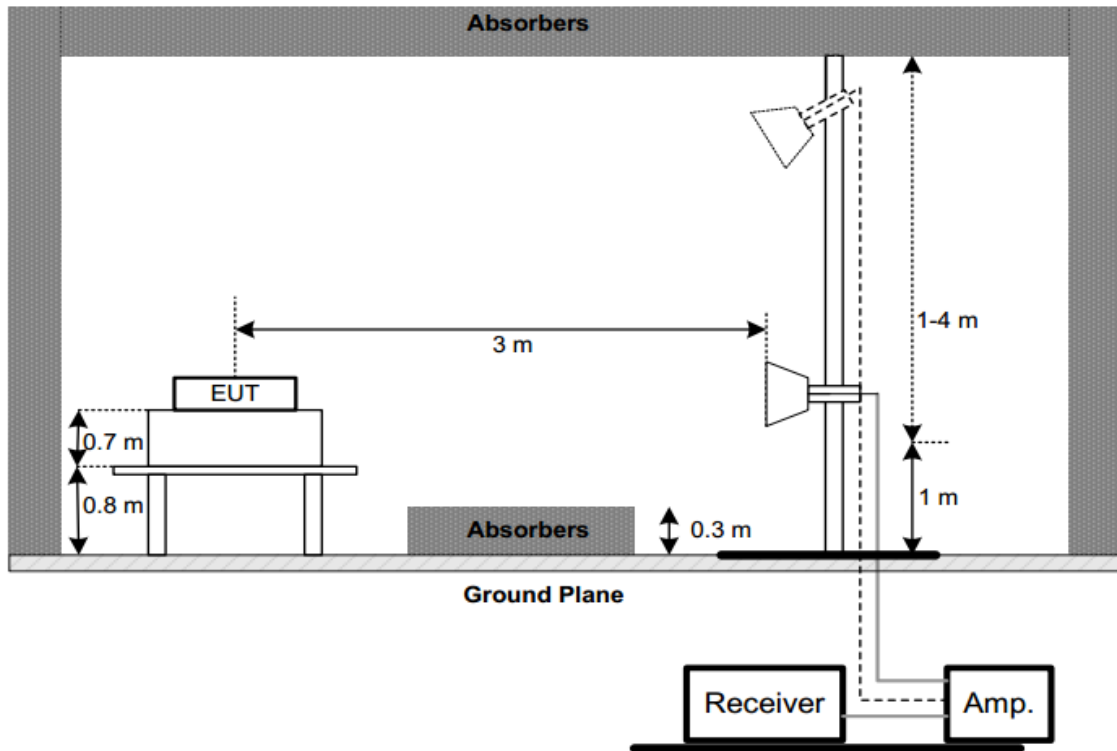
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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

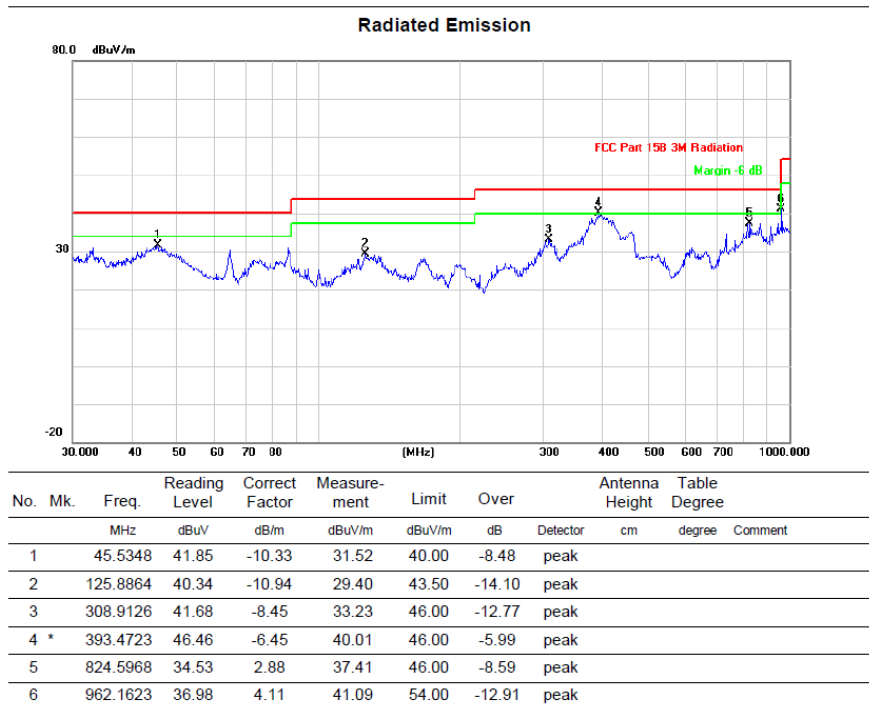
Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX 11N40MIMO Mode Channel 114 is found to be the worst case and recorded.

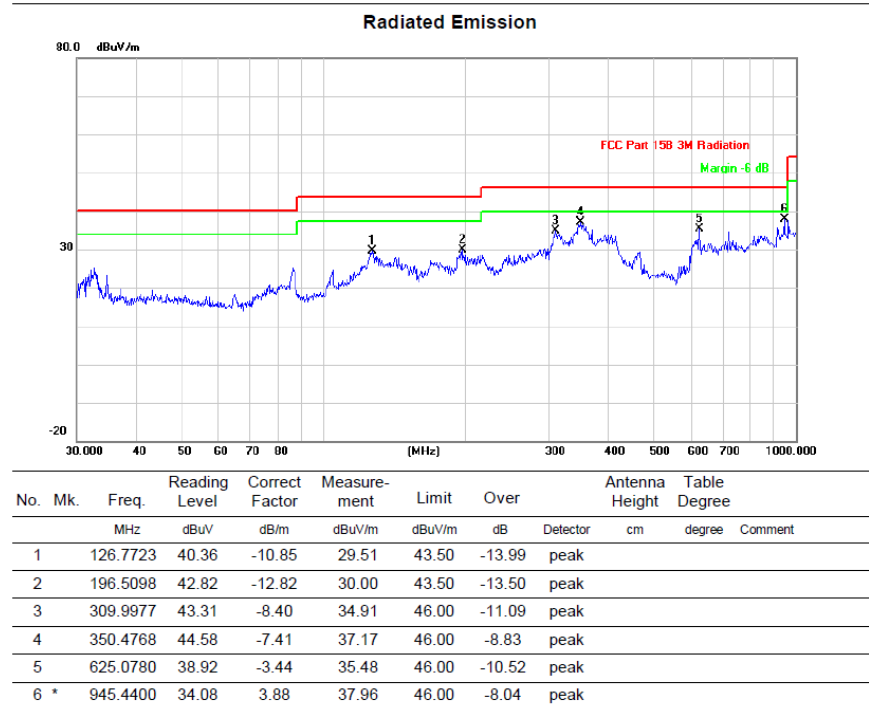
Below 1GHz (30MHz~1GHz)

TX 11N40MIMO Channel 114

VERTICAL



HORIZONTAL



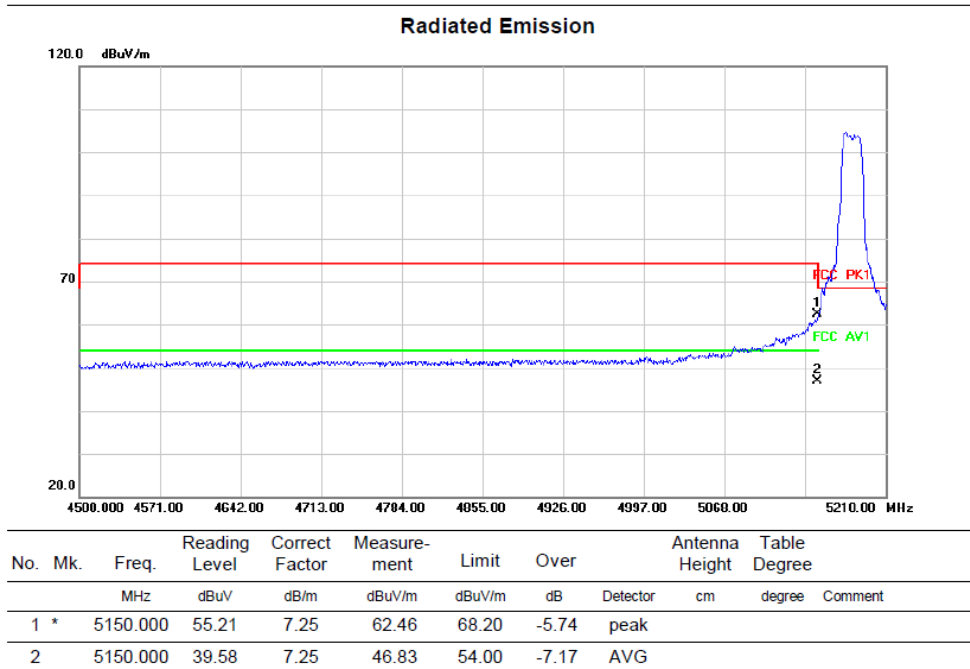
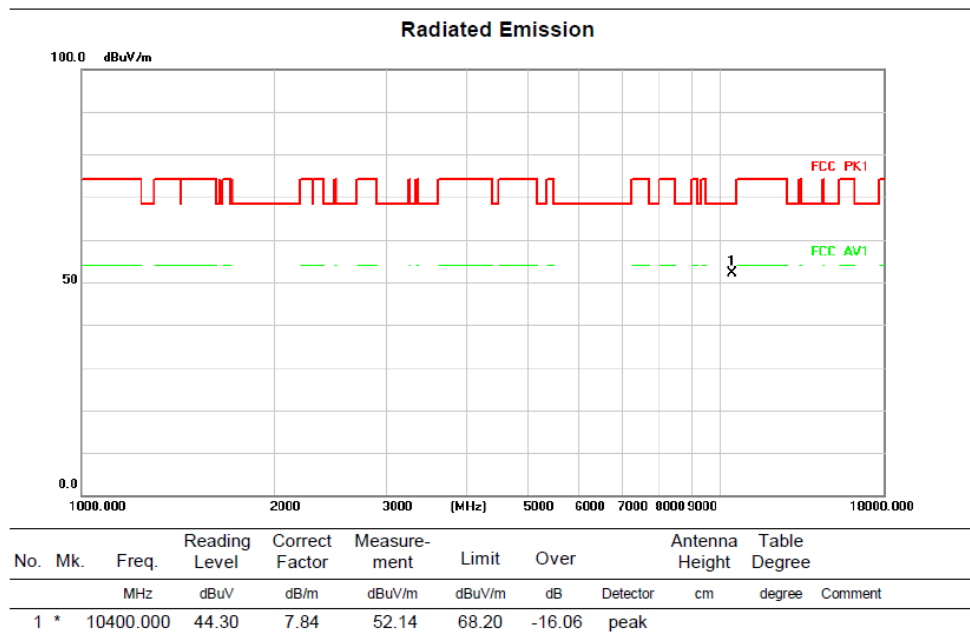
3) Radiated emission: Above 1GHz

Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. For 802.11A mode, worst case for 802.11A ant2 mode was recorded.

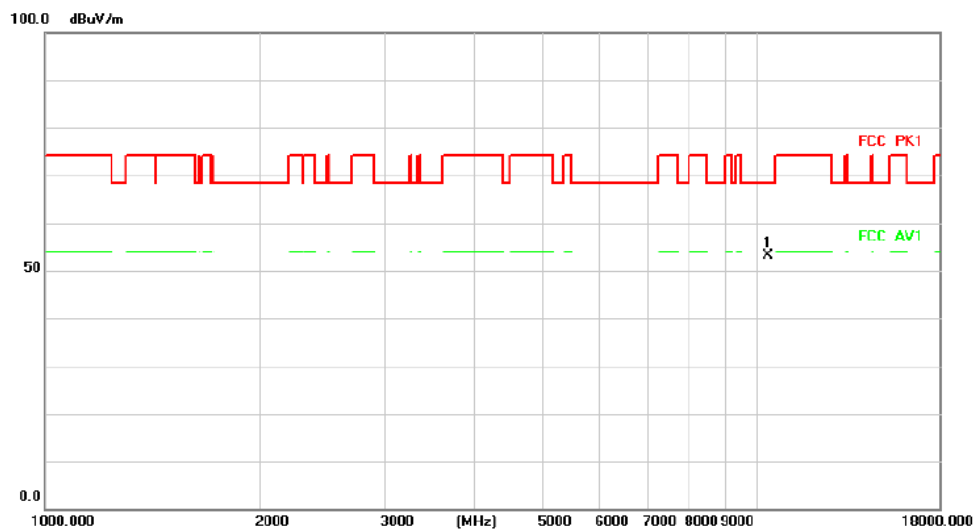
Above 1GHz (1GHz~18GHz)	Test mode:11A ant2	Test Channel:36
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VERTICAL



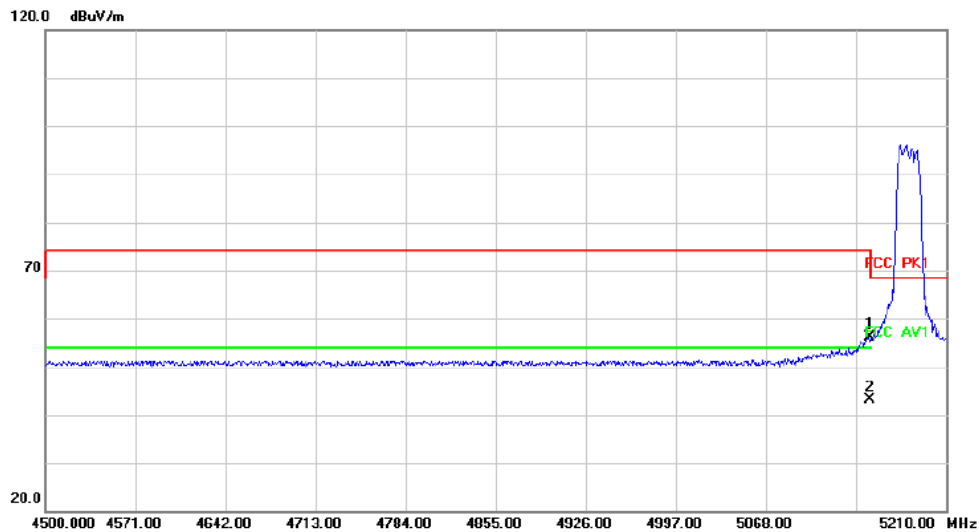
HORIZONTAL

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	44.85	8.36	53.21	68.20	-14.99 peak		

Radiated Emission



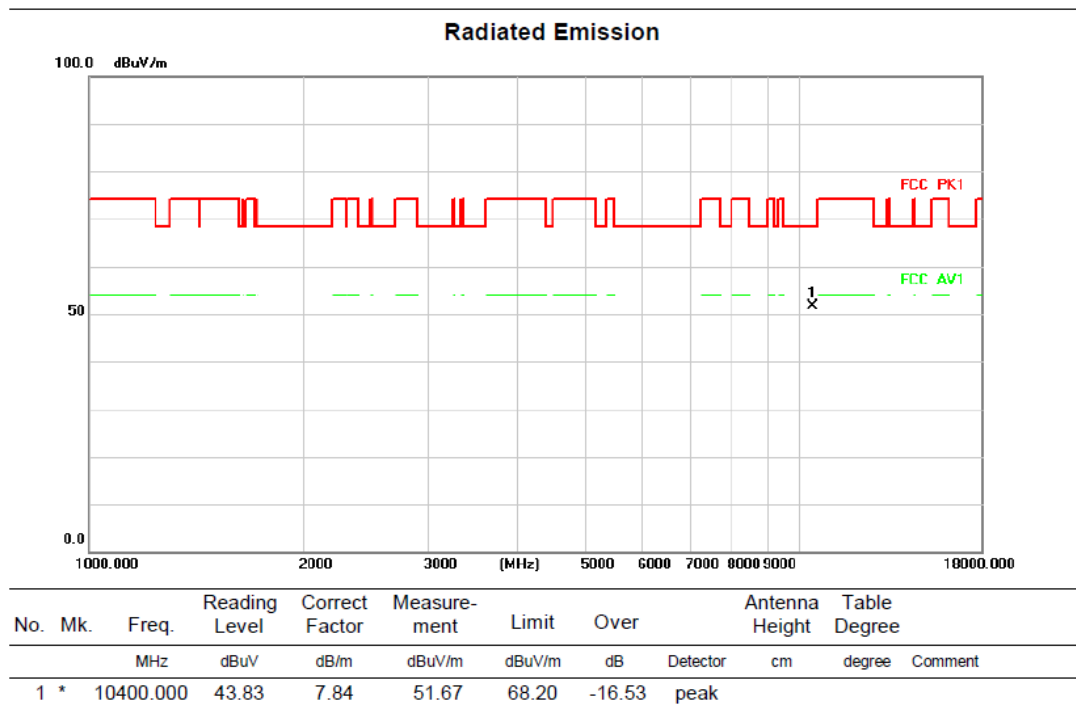
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5150.000	48.90	7.25	56.15	68.20	-12.05 peak		
2	*	5150.000	35.87	7.25	43.12	54.00	-10.88 AVG		

Above 1GHz (1GHz~18GHz)

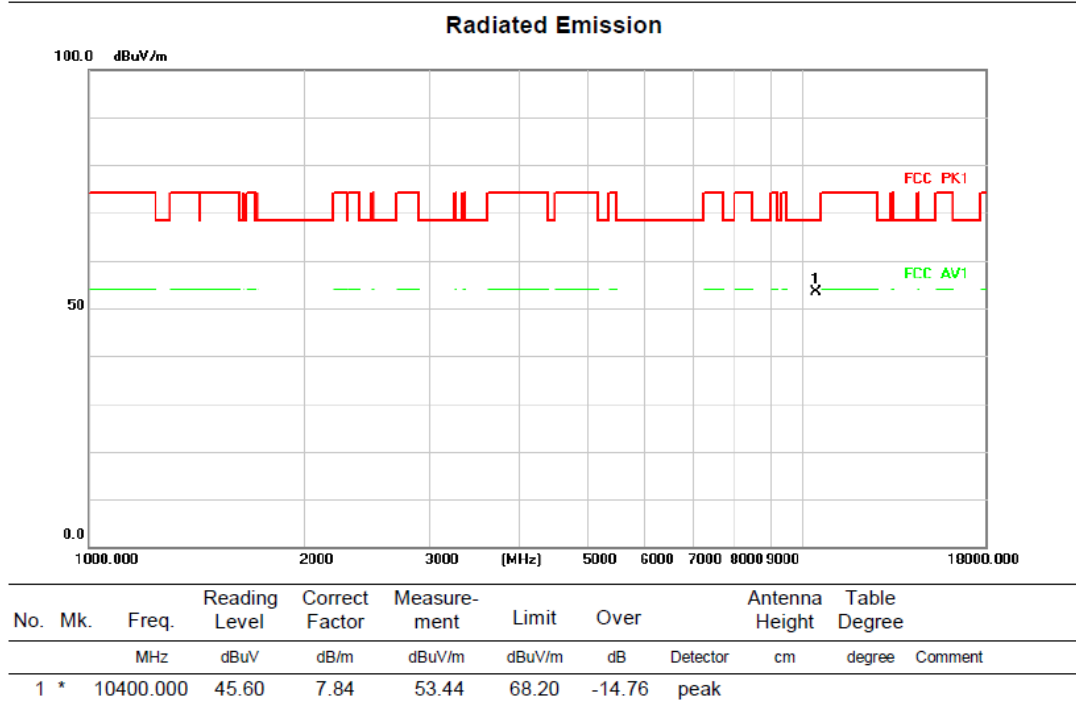
Test mode: 11A ant2

Test Channel:40

VERTICAL



HORIZONTAL

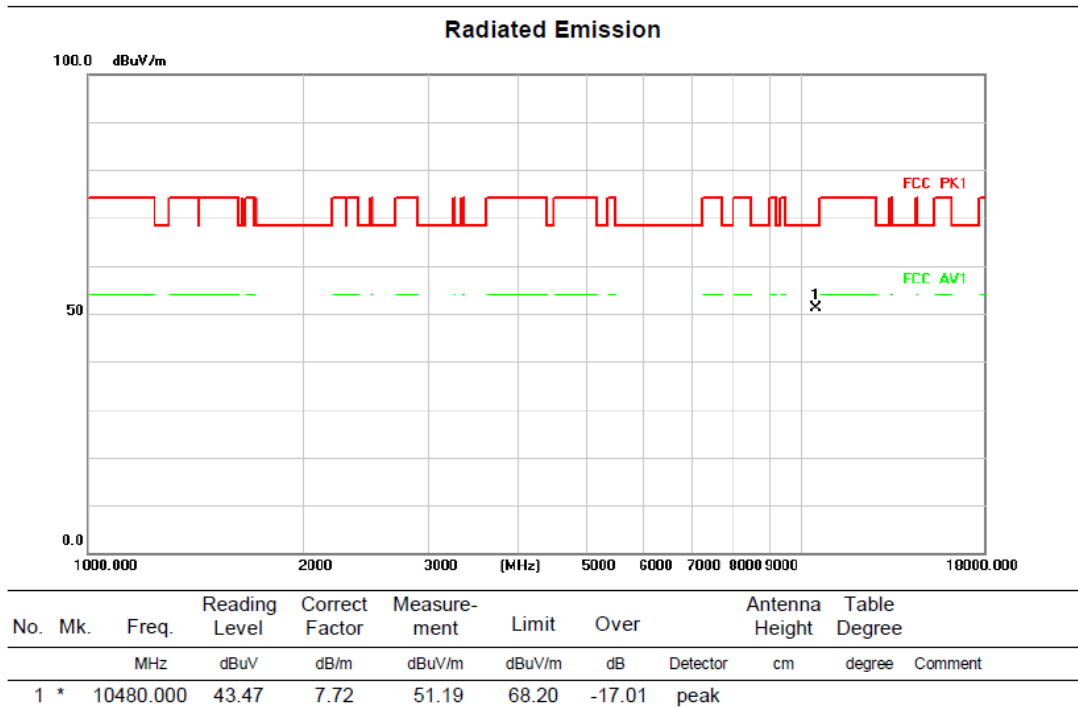


Above 1GHz (1GHz~18GHz)

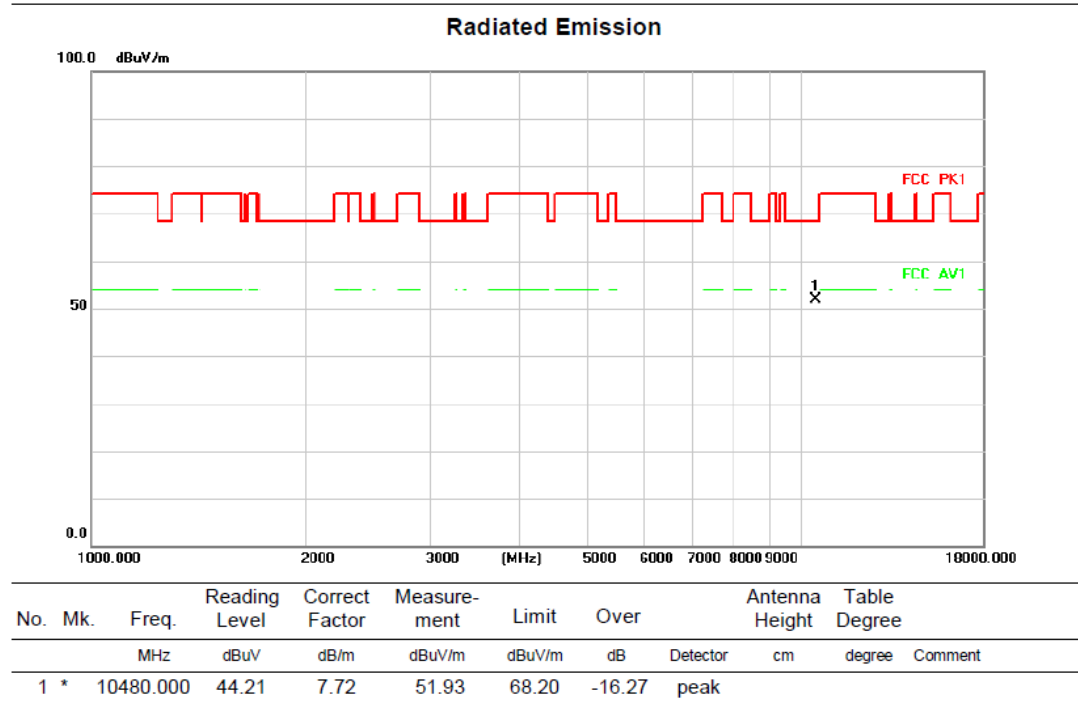
Test mode: 11A ant2

Test Channel:48

VERTICAL



HORIZONTAL

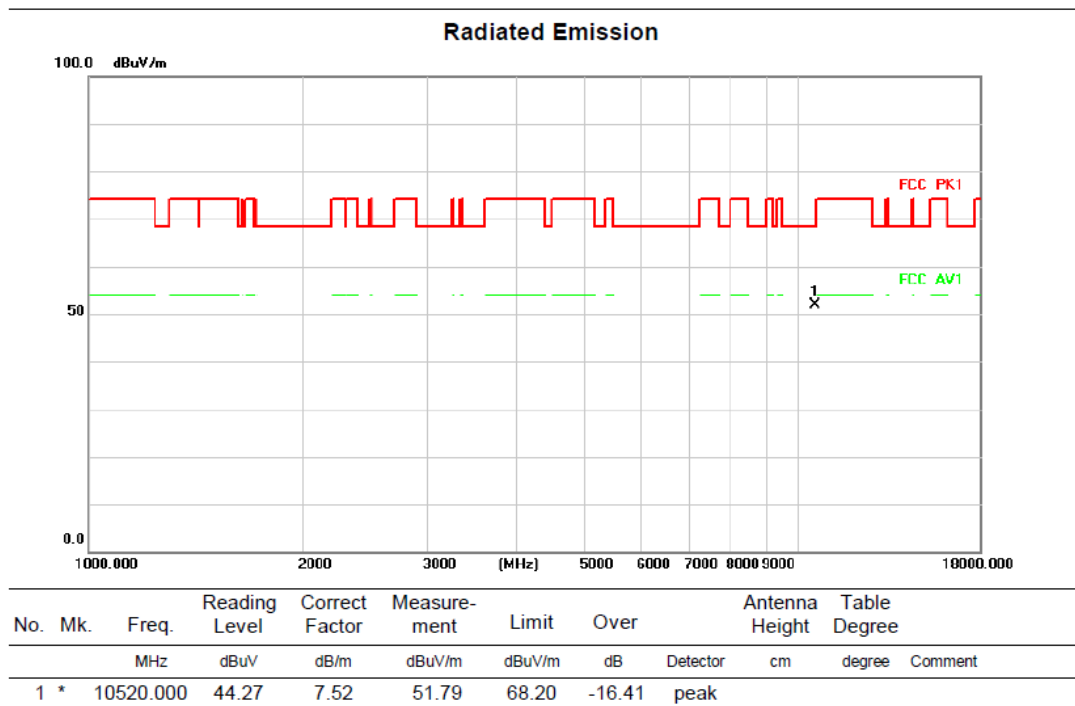


Above 1GHz (1GHz~18GHz)

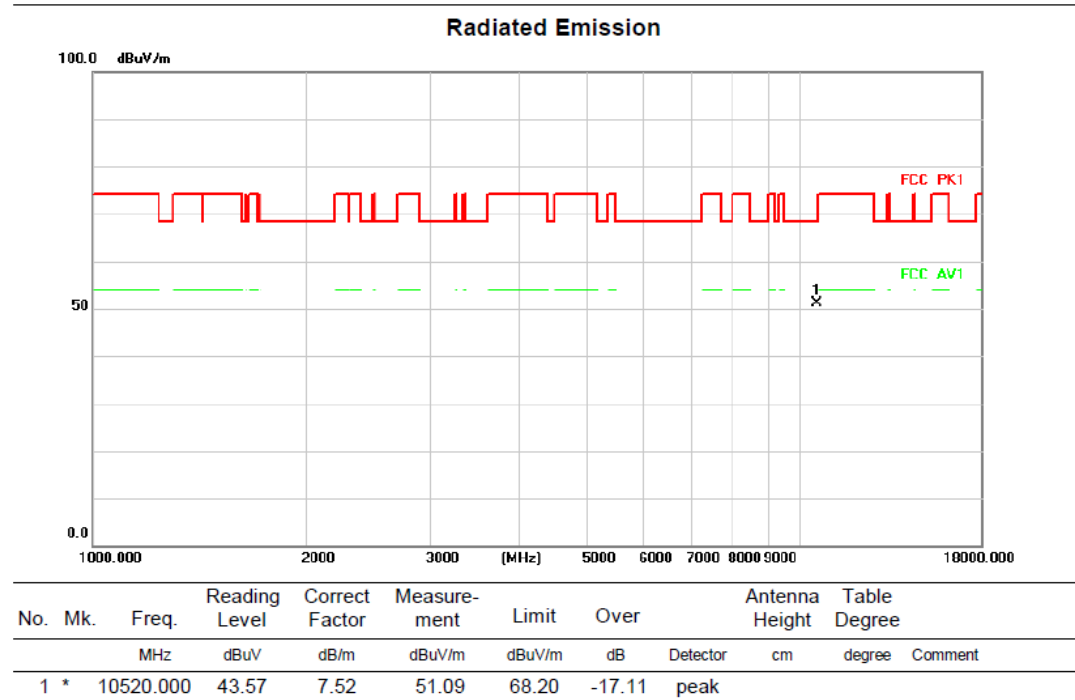
Test mode: 11A ant2

Test Channel:52

VERTICAL



HORIZONTAL

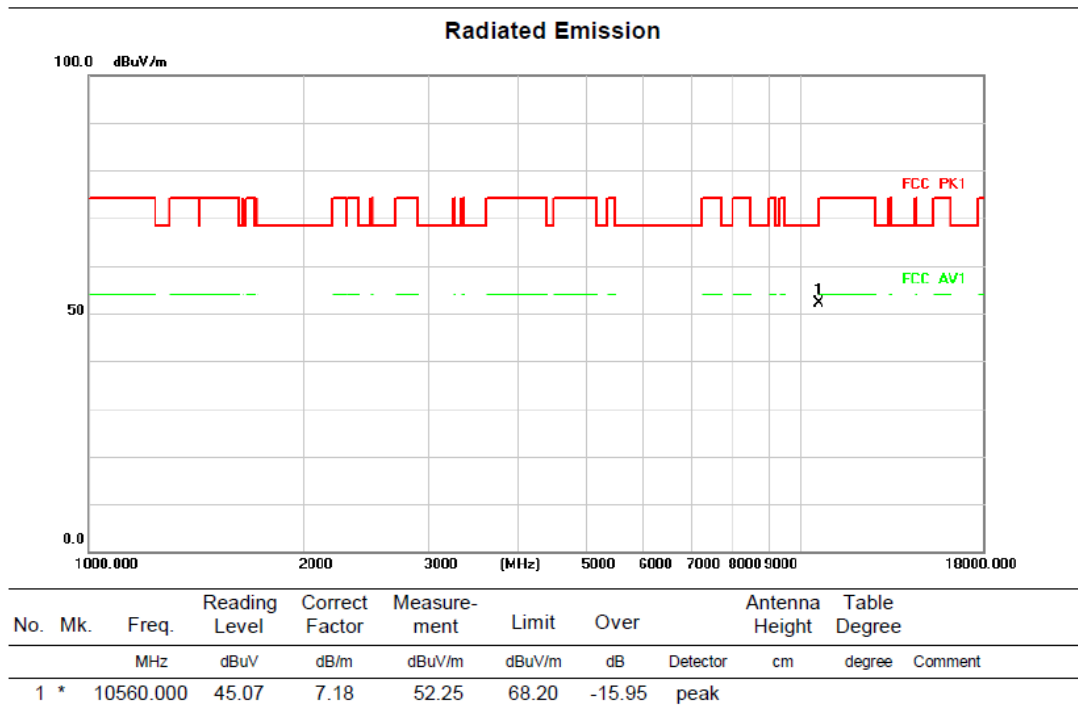


Above 1GHz (1GHz~18GHz)

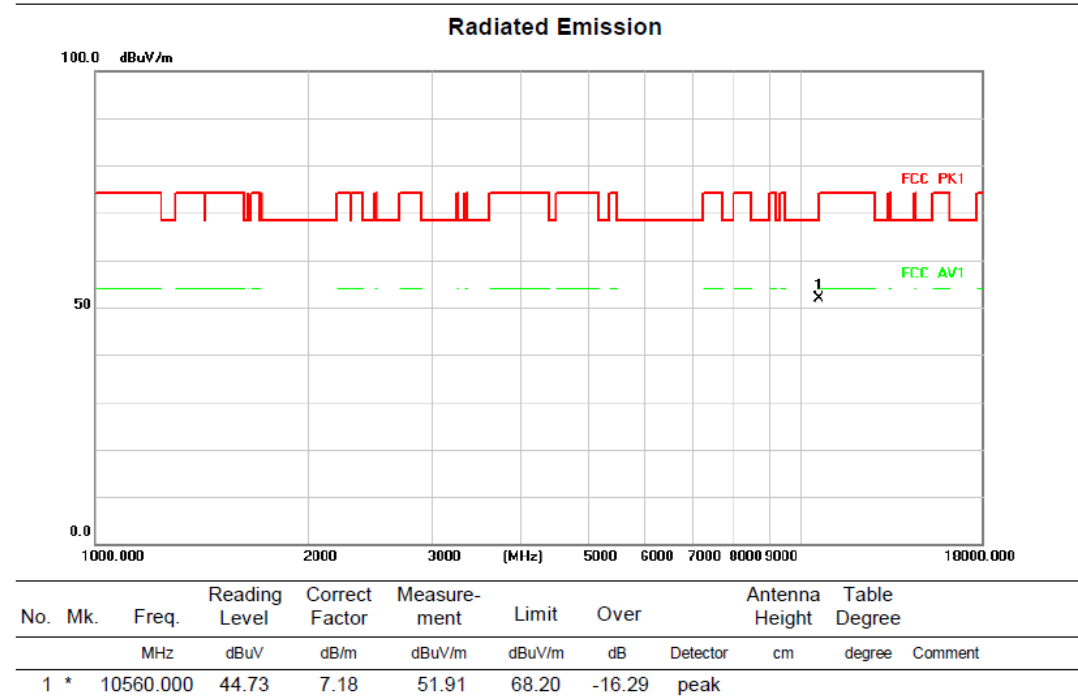
Test mode: 11A ant2

Test Channel:56

VERTICAL



HORIZONTAL



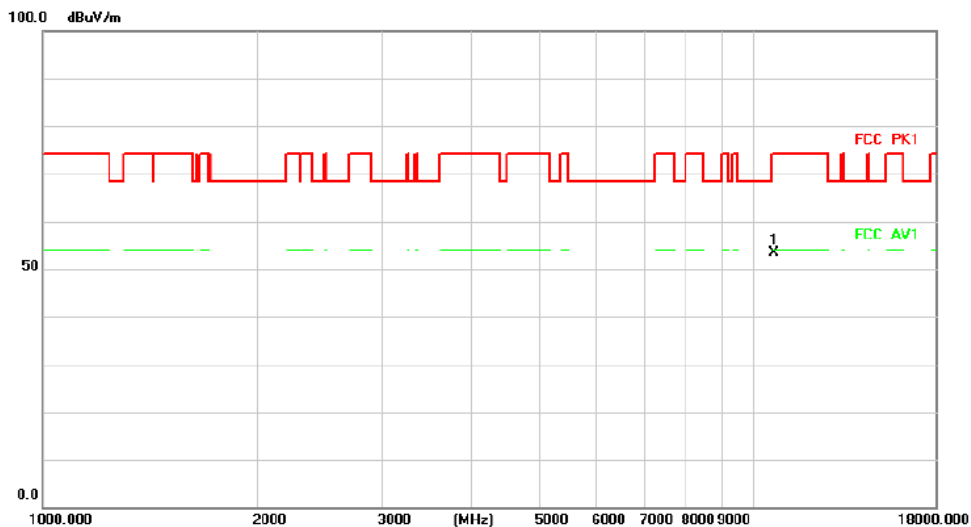
Above 1GHz (1GHz~18GHz)

Test mode: 11A ant2

Test Channel:64

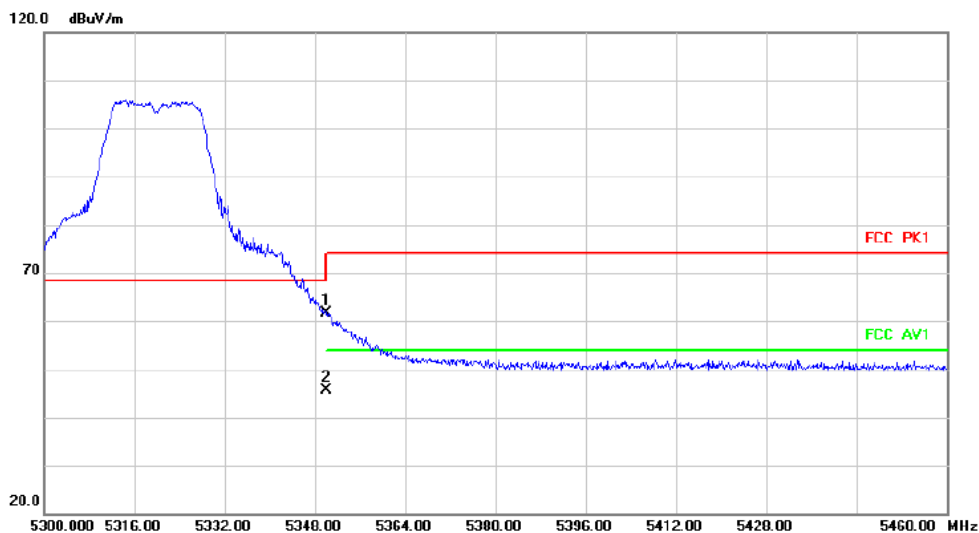
VERTICAL

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	Detector	cm	degree
1	*	10640.000	45.77	7.71	53.48	74.00	-20.52	peak		

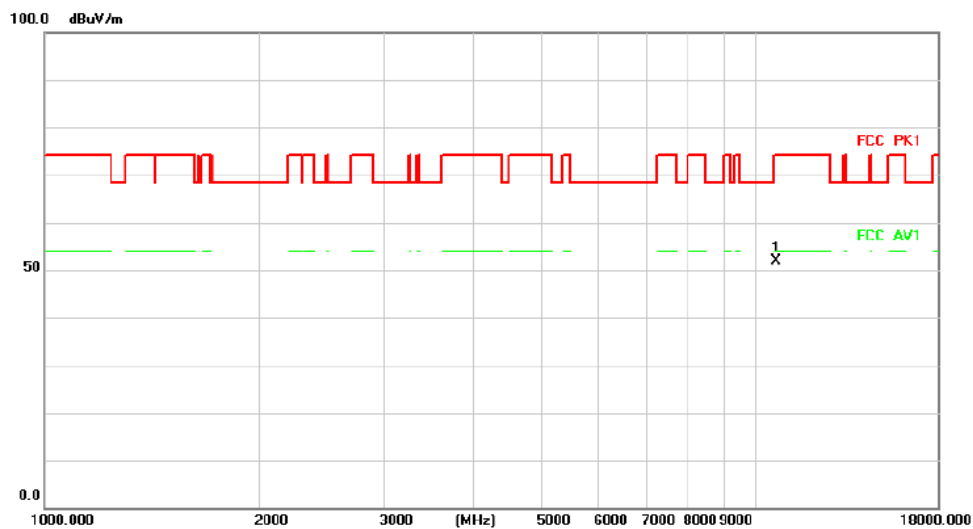
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5350.000	55.24	6.40	61.64	68.20	-6.56	peak		
2		5350.000	39.34	6.40	45.74	54.00	-8.26	AVG		

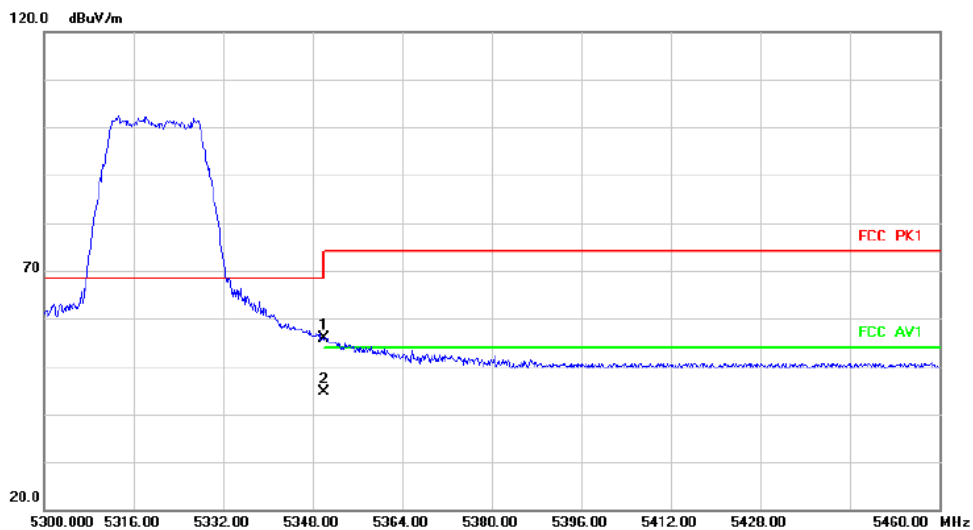
HORIZONTALA

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	*	10640.000	44.08	7.71	51.79	74.00	-22.21	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		5350.000	49.58	6.40	55.98	68.20	-12.22	peak	
2	*	5350.000	38.31	6.40	44.71	54.00	-9.29	AVG	

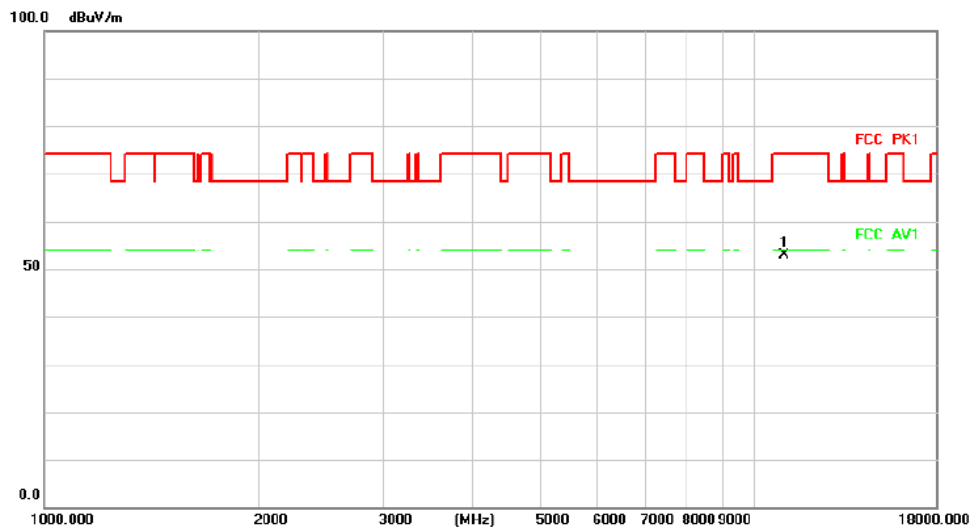
Above 1GHz (1GHz~18GHz)

Test mode: 11A ant2

Test Channel:100

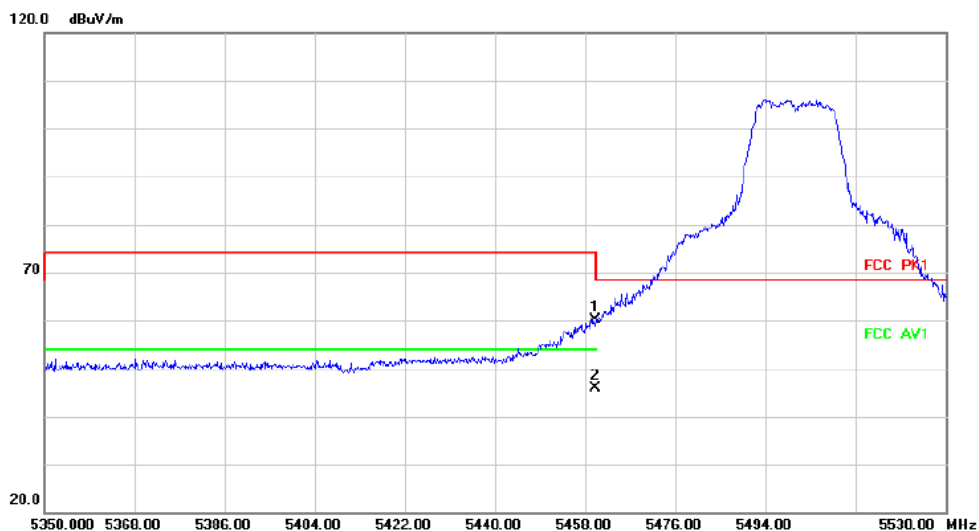
VERTICAL

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	Detector	cm	degree
1	*	11000.000	47.43	5.34	52.77	74.00	-21.23	peak		

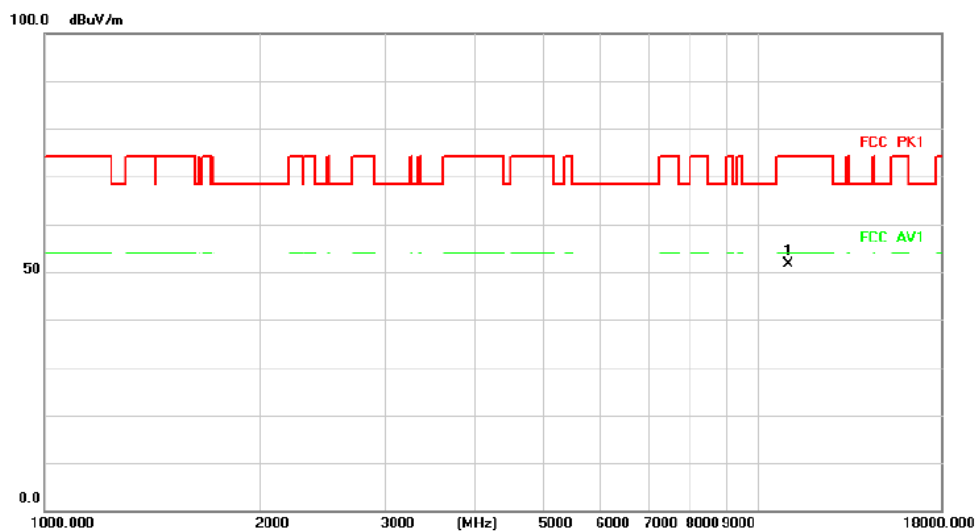
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5460.000	53.75	6.31	60.06	68.20	-8.14	peak		
2	*	5460.000	39.63	6.31	45.94	54.00	-8.06	AVG		

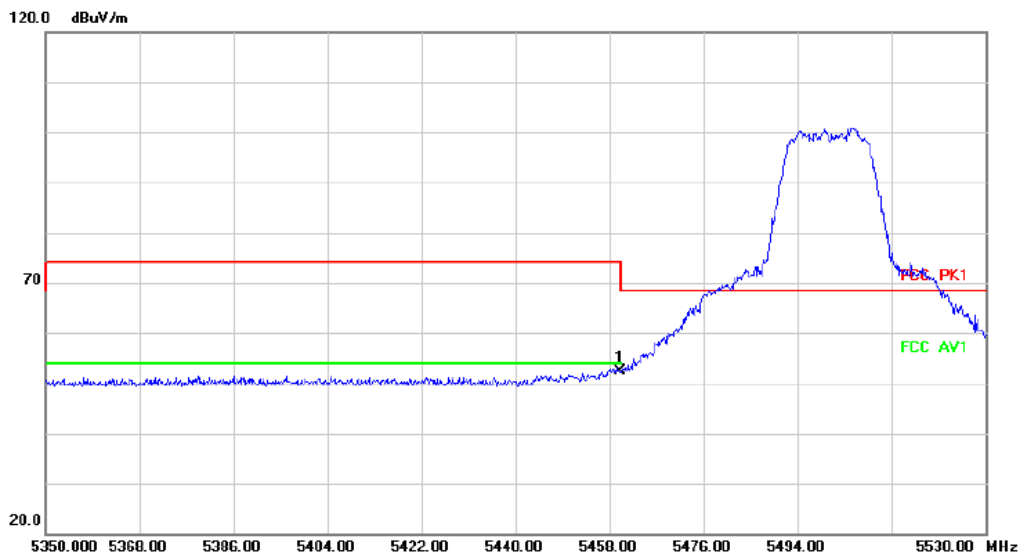
HORIZONTAL

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	*	11000.000	46.37	5.34	51.71	74.00	-22.29 peak		

Radiated Emission



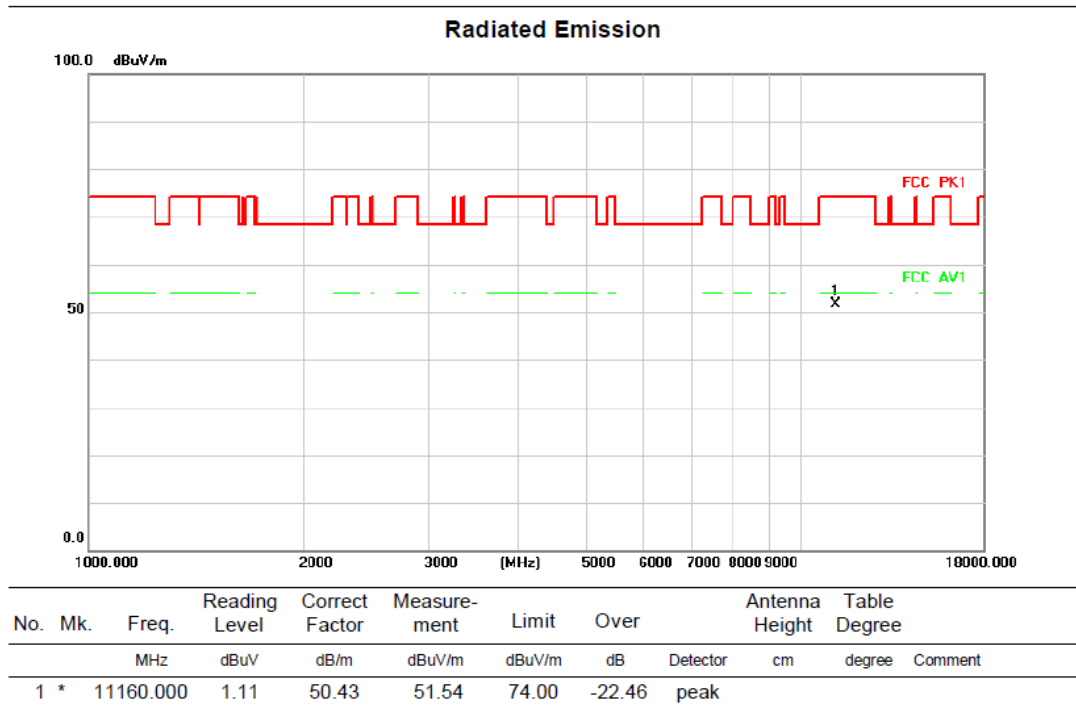
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5460.000	46.10	6.31	52.41	68.20	-15.79 peak		

Above 1GHz (1GHz~18GHz)

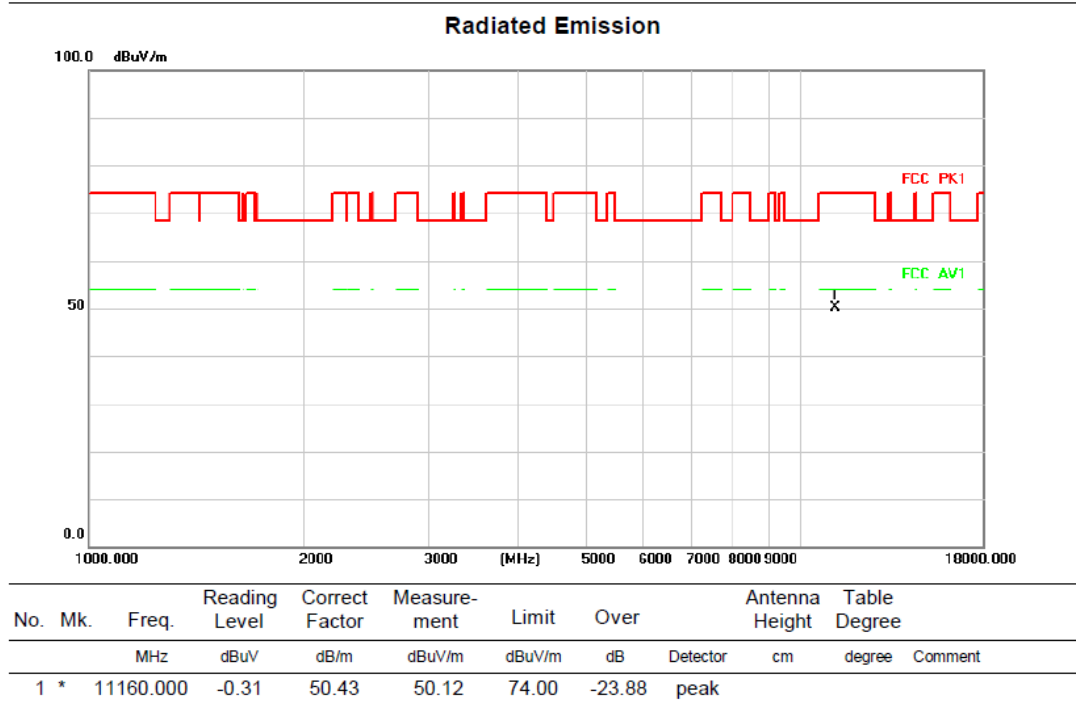
Test mode: 11A ant2

Test Channel:116

VERTICAL



HORIZONTAL

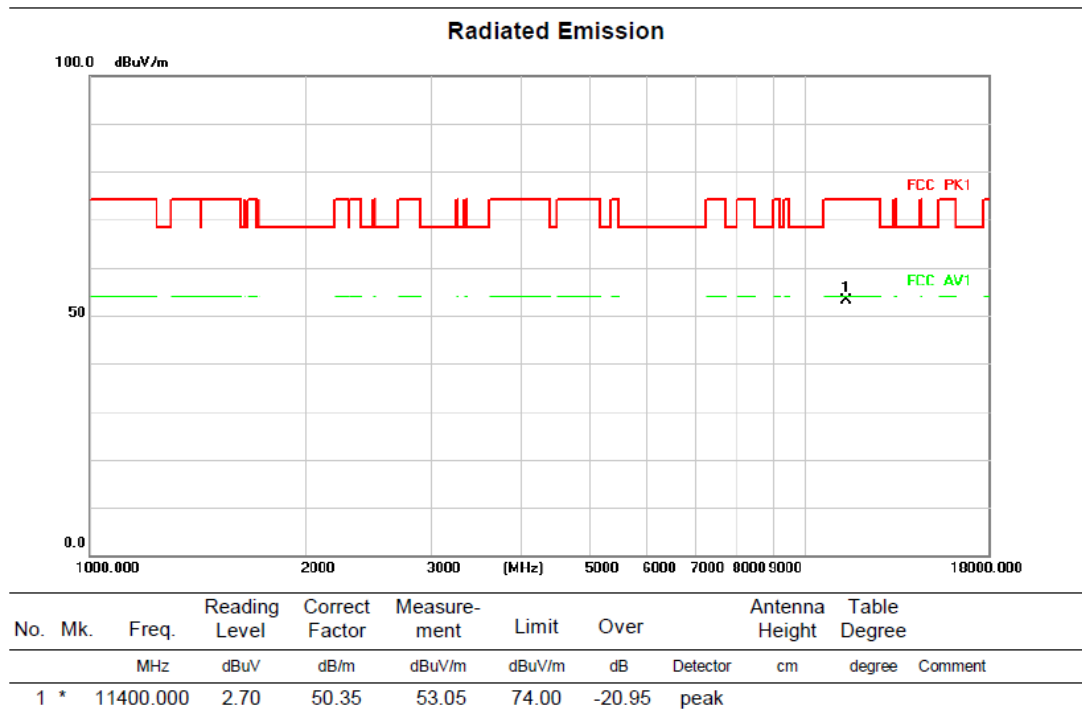


Above 1GHz (1GHz~18GHz)

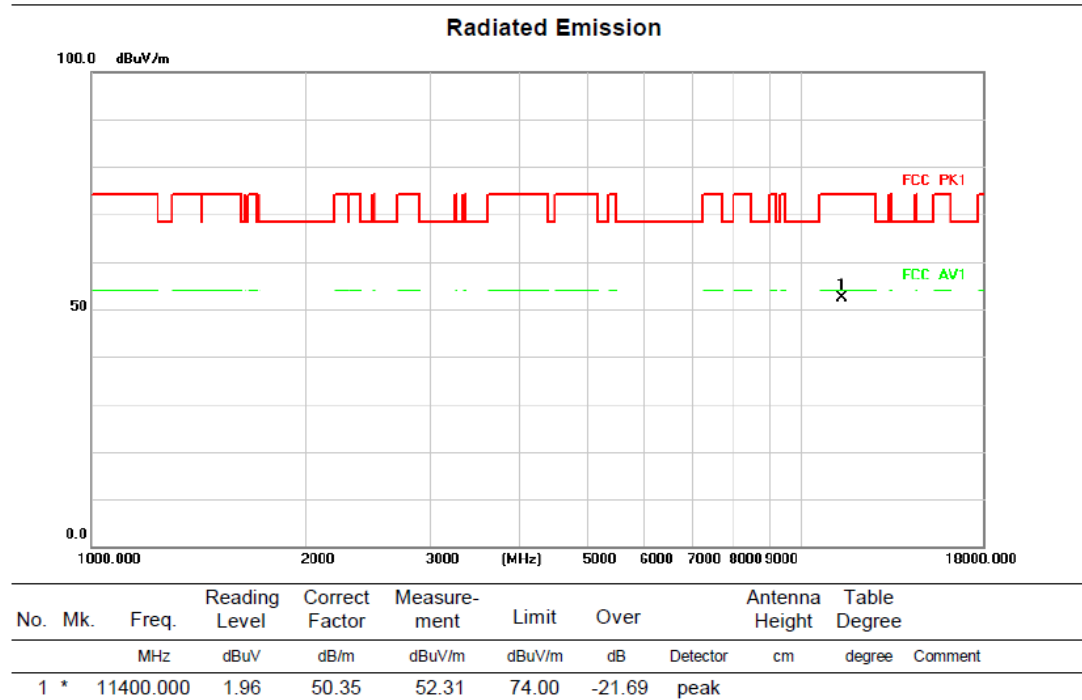
Test mode: 11A ant2

Test Channel:140

VERTICAL



HORIZONTAL

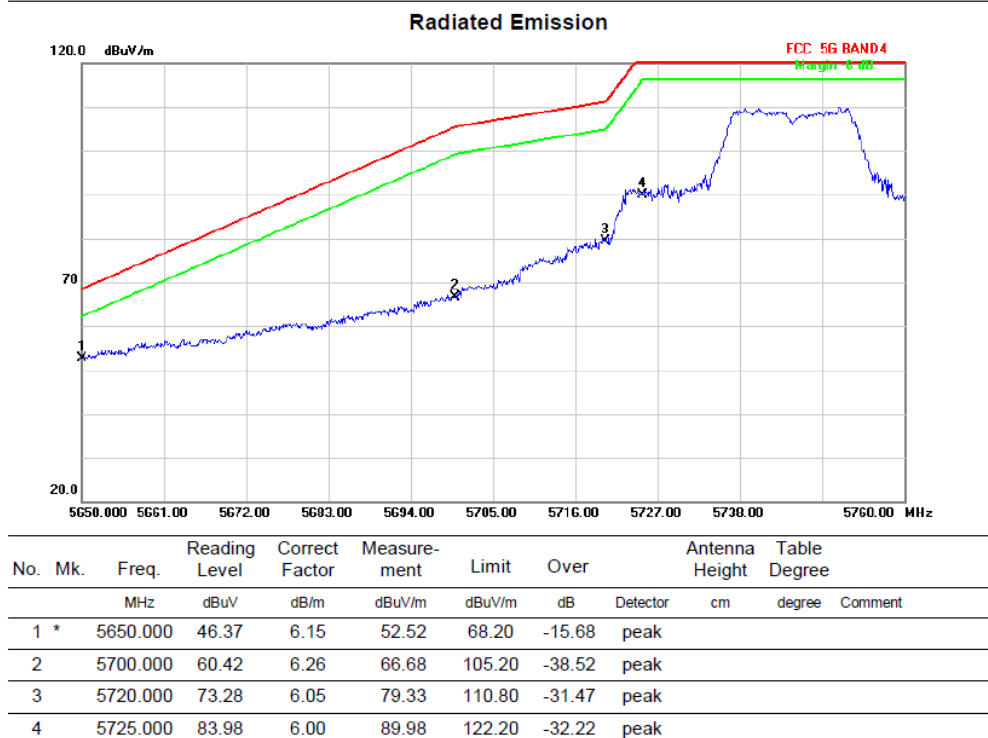
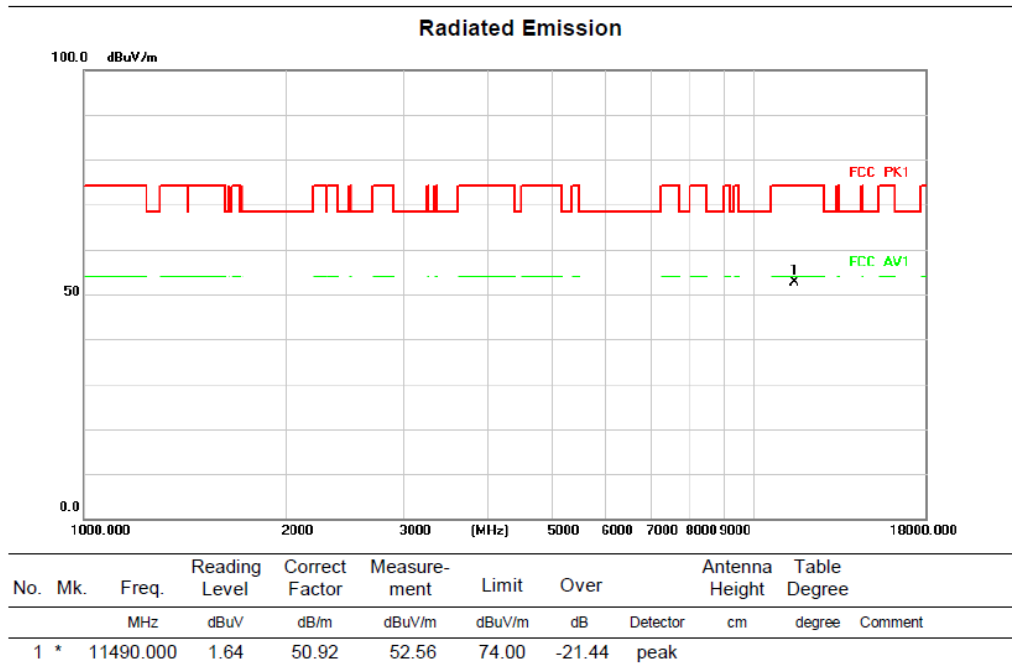


Above 1GHz (1GHz~18GHz)

Test mode: 11A ant2

Test Channel:149

VERTICAL

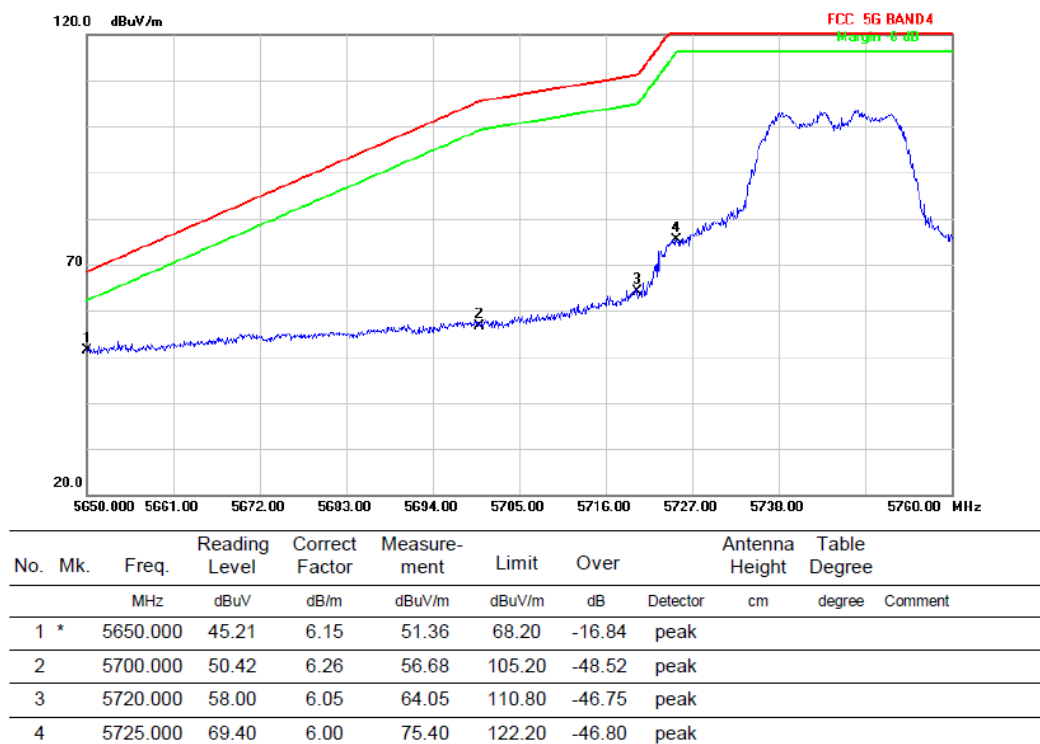


HORIZONTAL

Radiated Emission



Radiated Emission

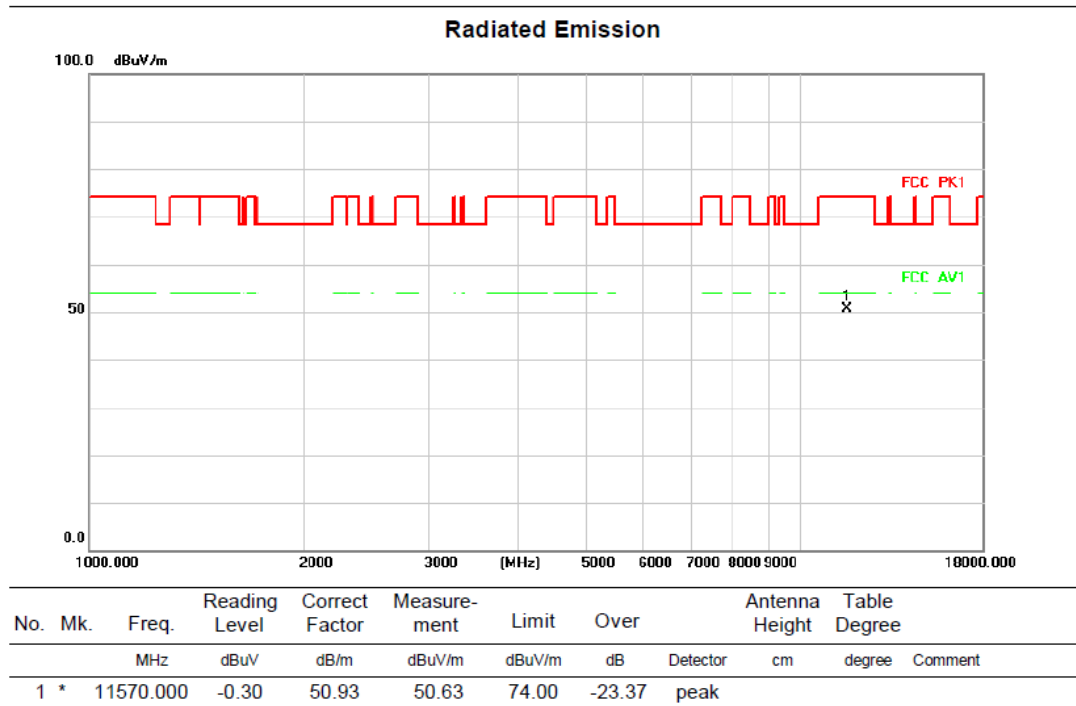


Above 1GHz (1GHz~18GHz)

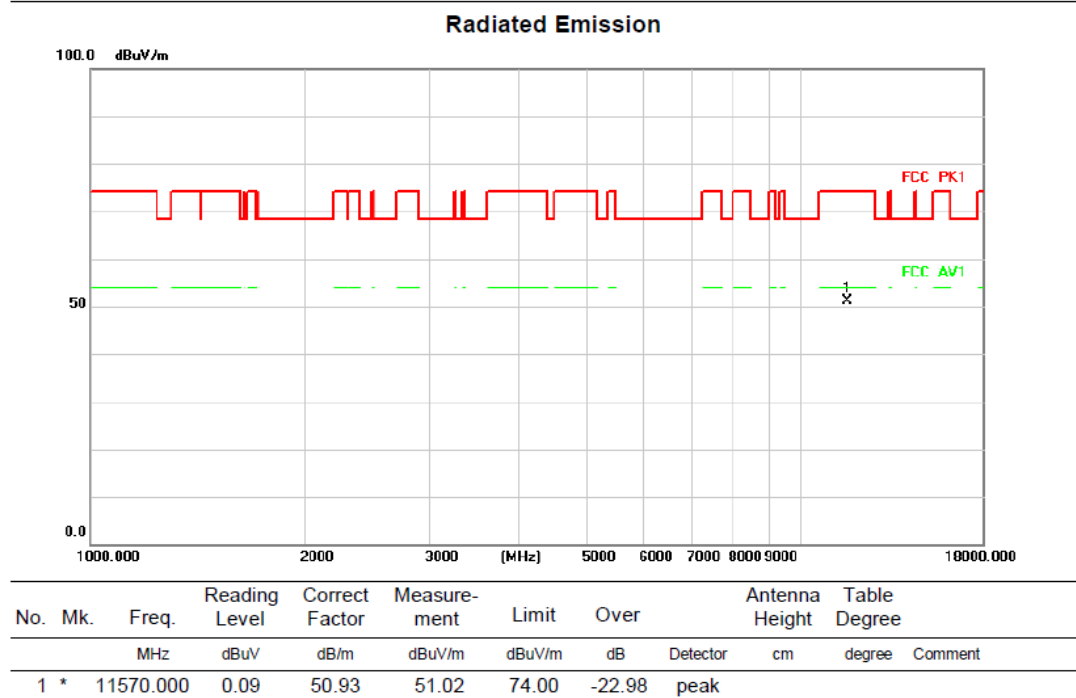
Test mode: 11A ant2

Test Channel:157

VERTICAL



HORIZONTAL



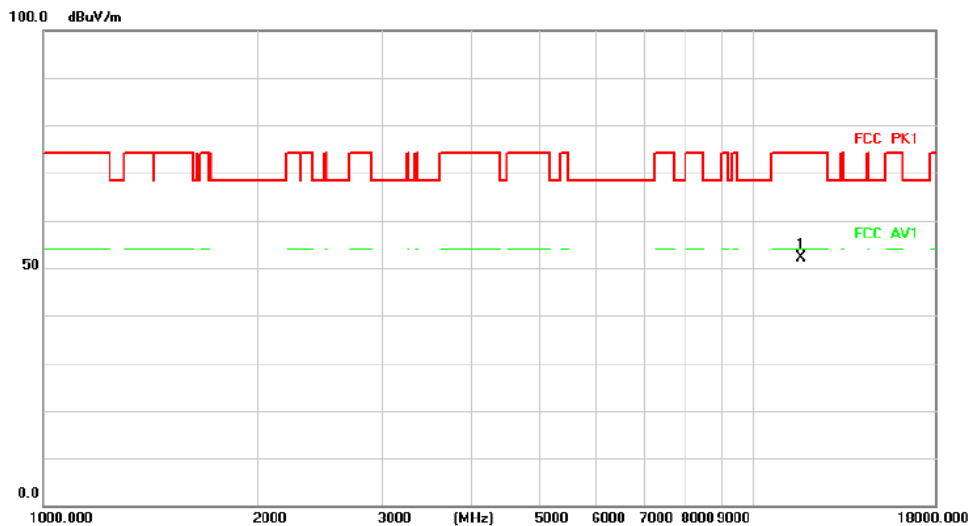
Above 1GHz (1GHz~18GHz)

Test mode: 11A ant2

Test Channel:165

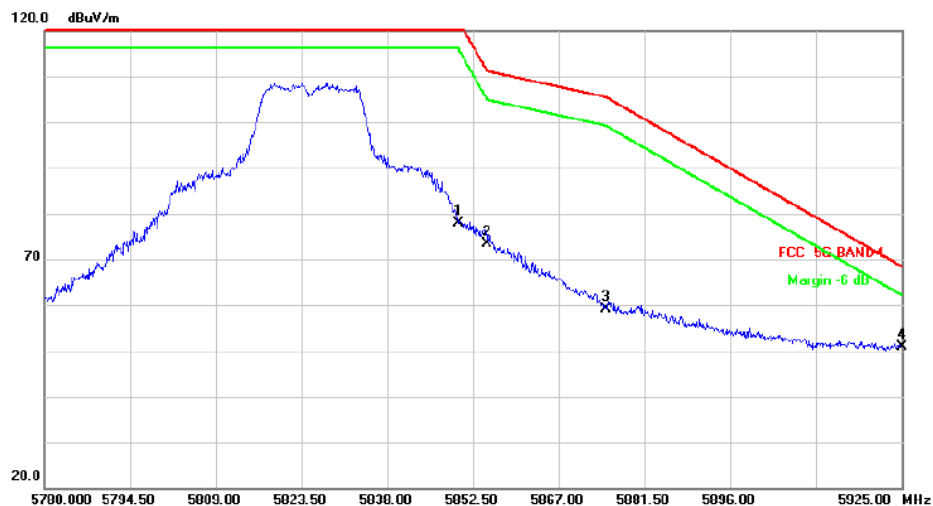
VERTICAL

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	Comment
1	*	11650.000	1.15	50.92	52.07	74.00	-21.93	peak		

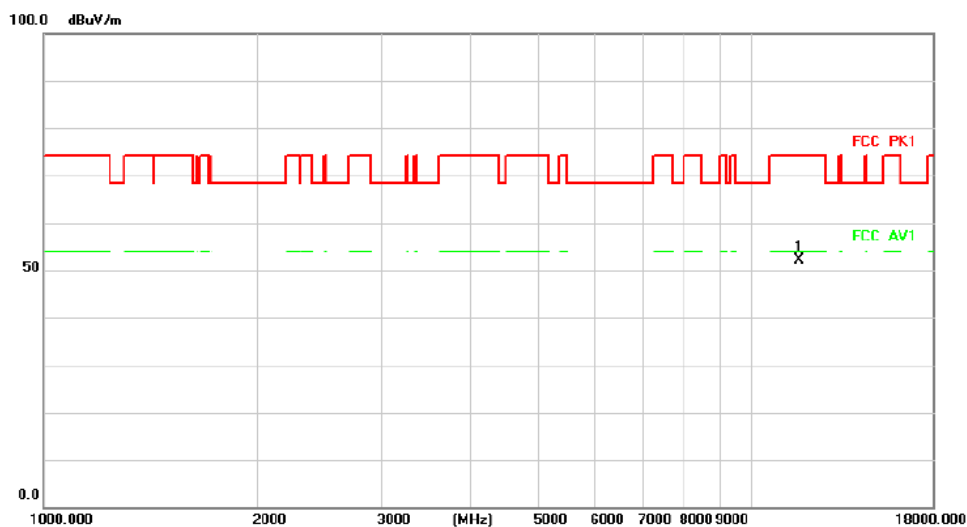
Radiated Emission



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	Comment
1		5850.000	72.11	5.74	77.85	122.20	-44.35	peak		
2		5855.000	67.59	5.82	73.41	110.80	-37.39	peak		
3		5875.000	52.96	6.16	59.12	105.20	-46.08	peak		
4	*	5925.000	43.83	7.13	50.96	68.20	-17.24	peak		

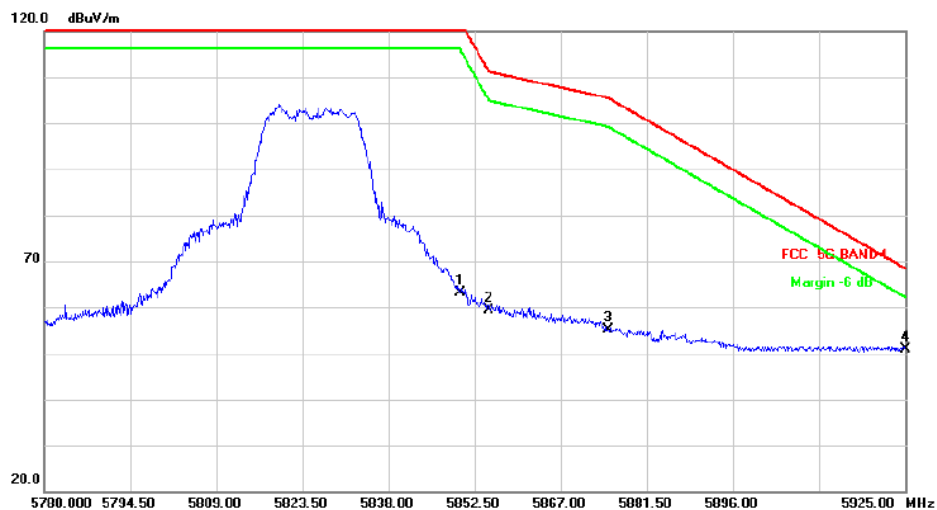
HORIZONTAL

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	*	11650.000	1.15	50.92	52.07	74.00	-21.93	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		5850.000	57.45	5.74	63.19	122.20	-59.01	peak	
2		5855.000	53.68	5.82	59.50	110.80	-51.30	peak	
3		5875.000	48.93	6.16	55.09	105.20	-50.11	peak	
4	*	5925.000	43.85	7.13	50.98	68.20	-17.22	peak	

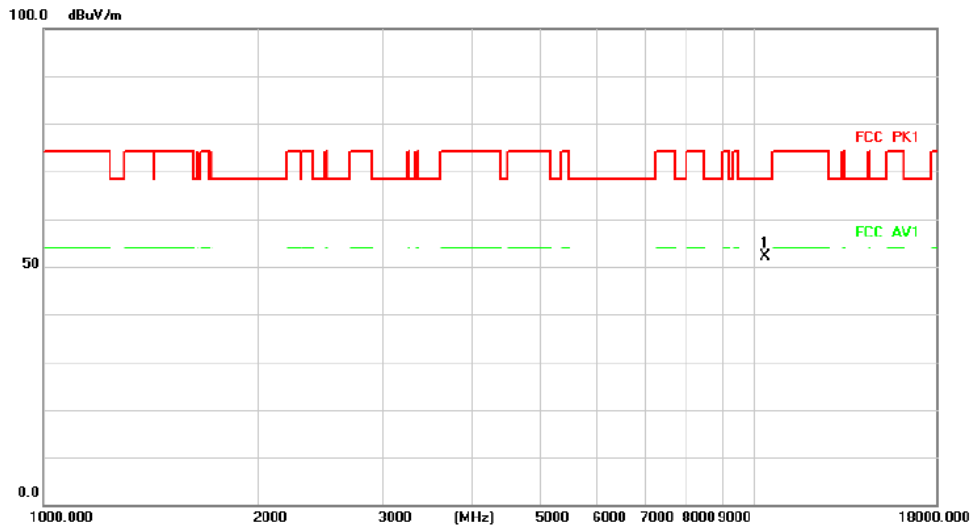
Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

Test Channel:36

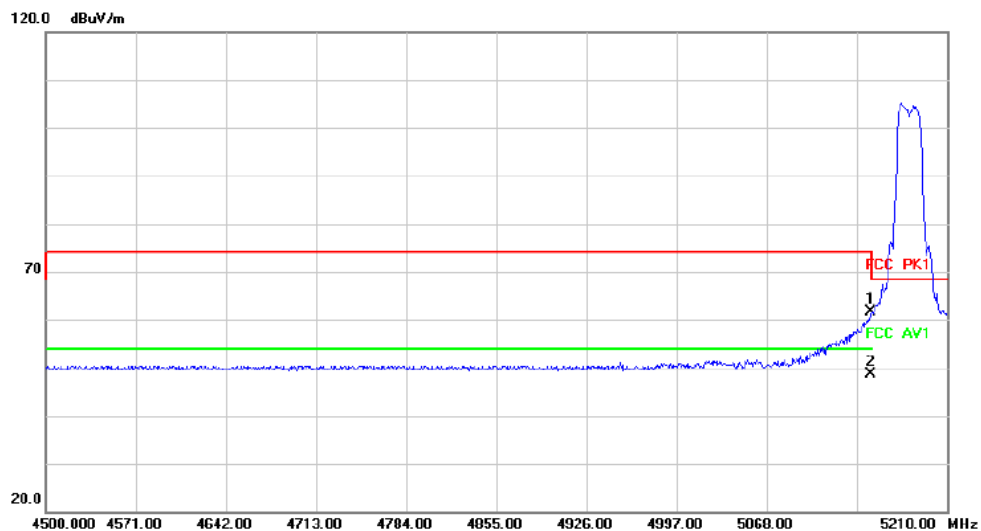
VERTICAL

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	Comment
1	*	10360.000	43.65	8.36	52.01	68.20	-16.19	peak		

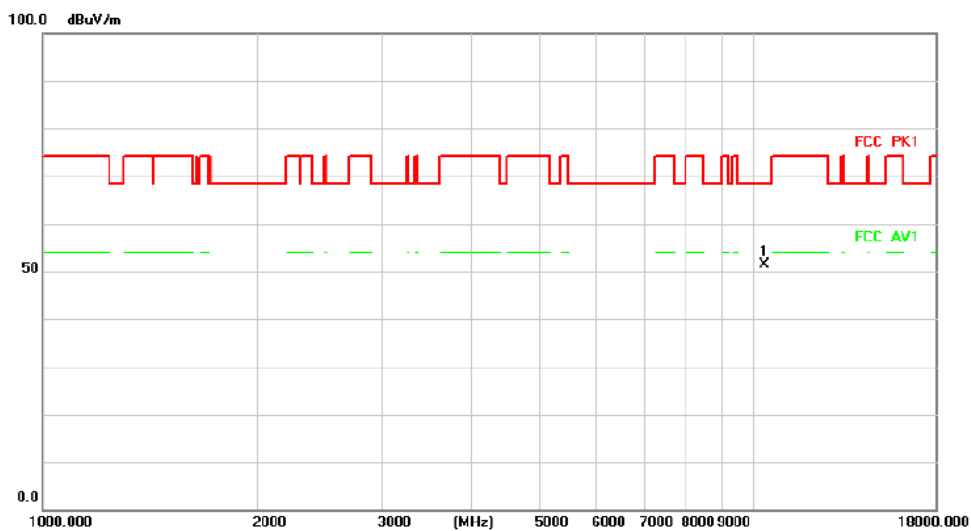
Radiated Emission



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	Comment
1		5150.000	54.31	7.25	61.56	68.20	-6.64	peak		
2	*	5150.000	41.37	7.25	48.62	54.00	-5.38	AVG		

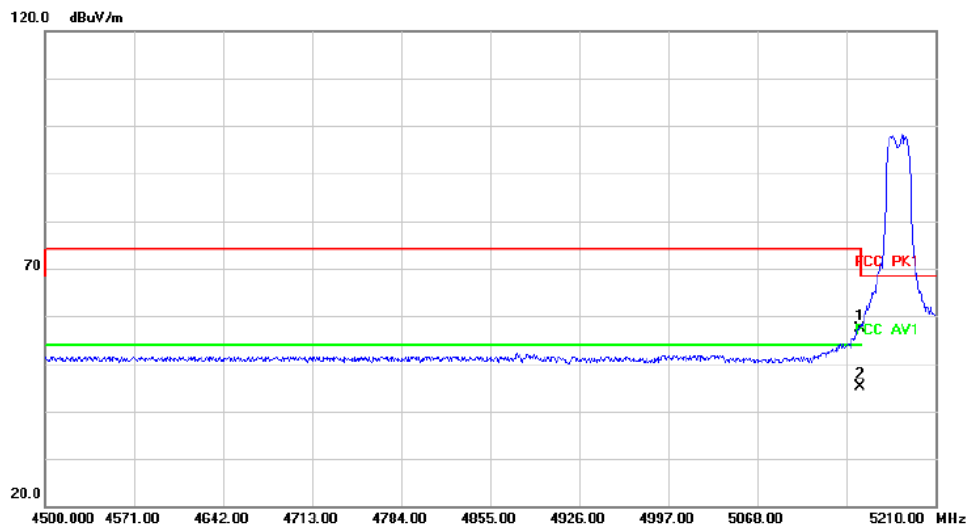
HORIZONTALA

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	43.05	8.36	51.41	68.20	-16.79	peak	

Radiated Emission



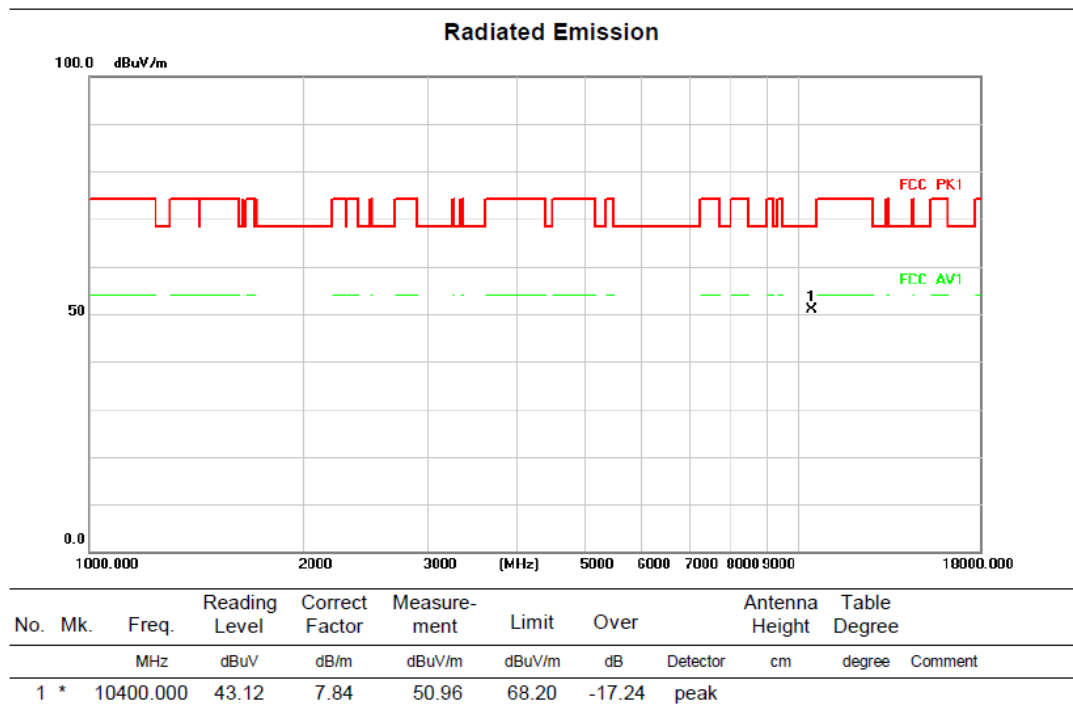
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5150.000	50.16	7.25	57.41	68.20	-10.79	peak	
2	*	5150.000	37.88	7.25	45.13	54.00	-8.87	AVG	

Above 1GHz (1GHz~18GHz)

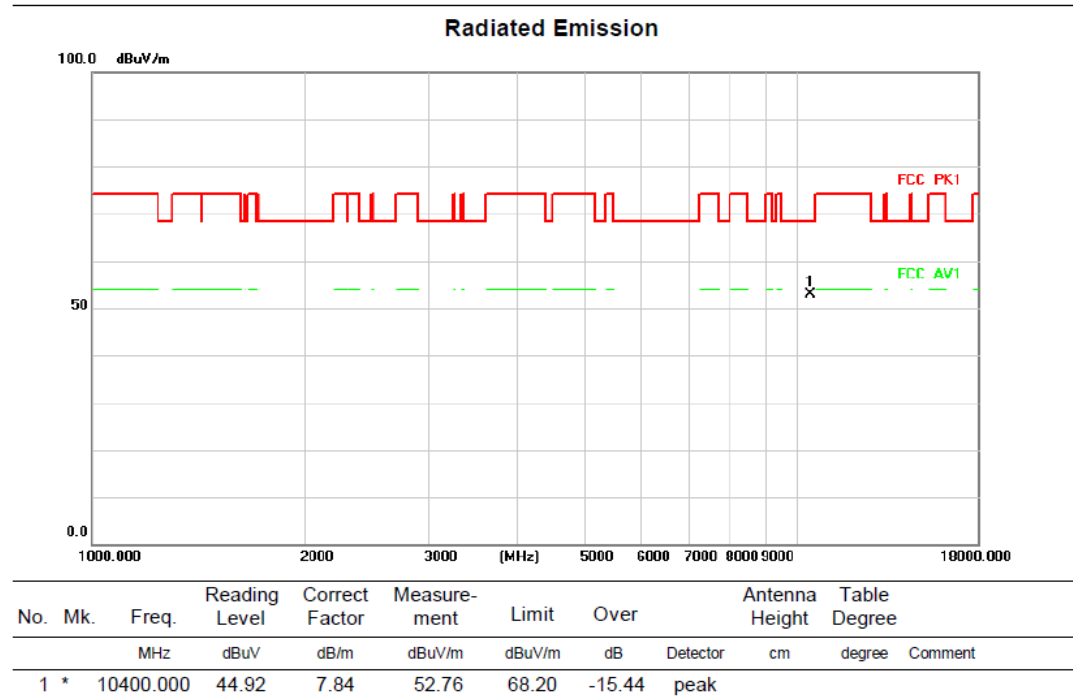
Test mode: 11N20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

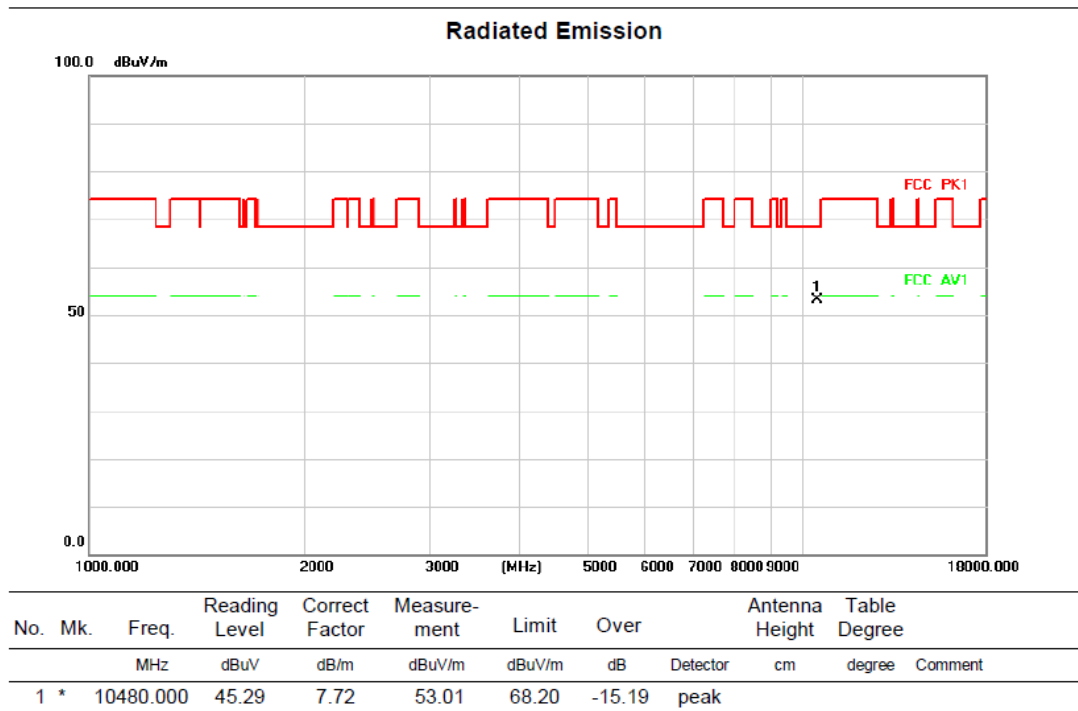


Above 1GHz (1GHz~18GHz)

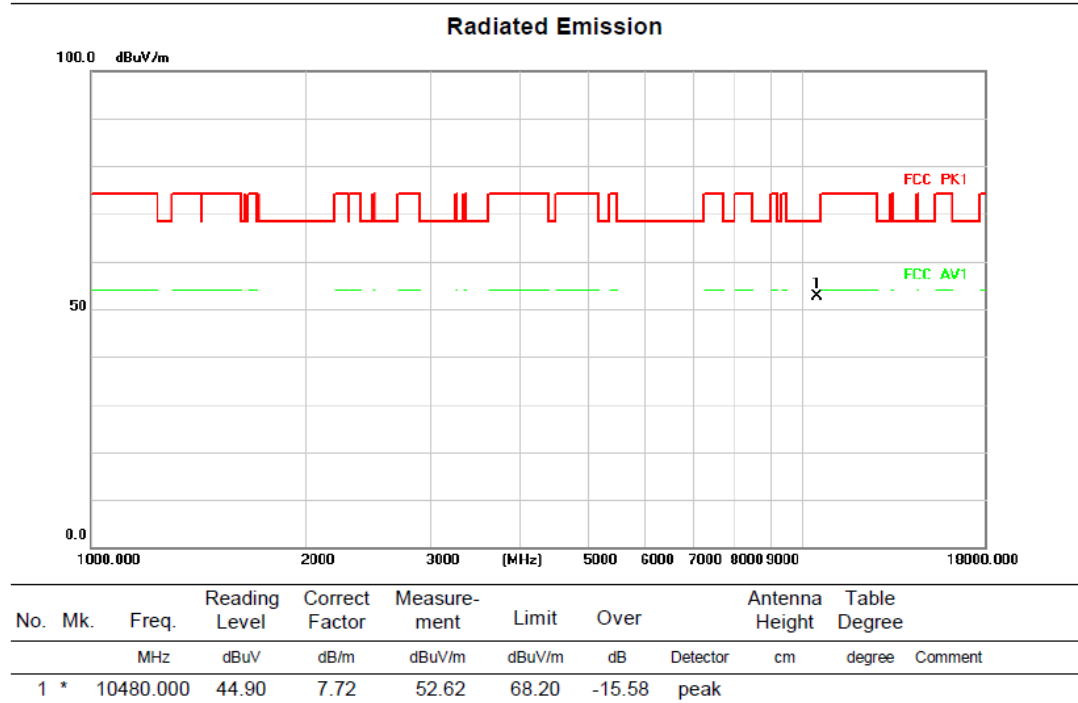
Test mode: 11N20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

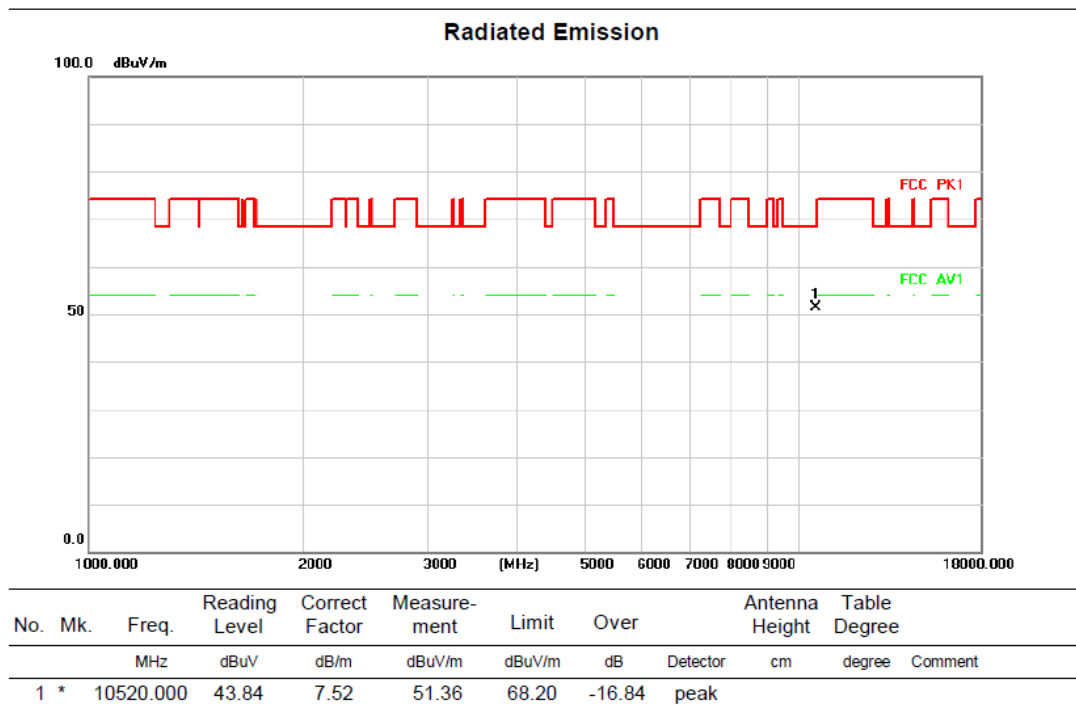


Above 1GHz (1GHz~18GHz)

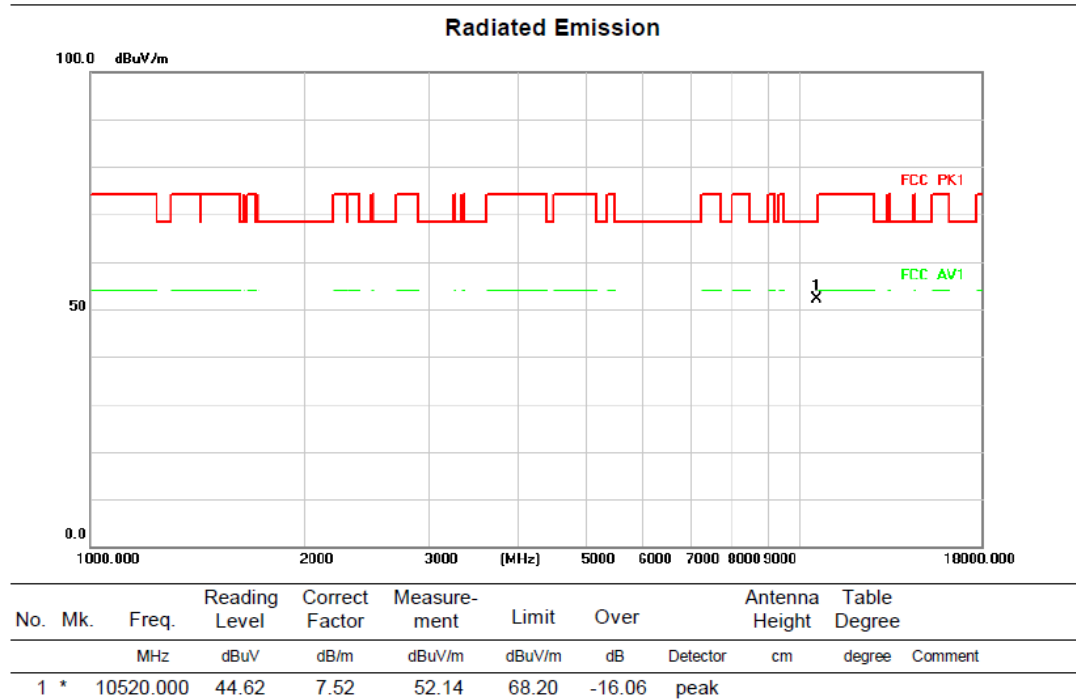
Test mode: 11N20MIMO

Test Channel:52

VERTICAL



HORIZONTAL

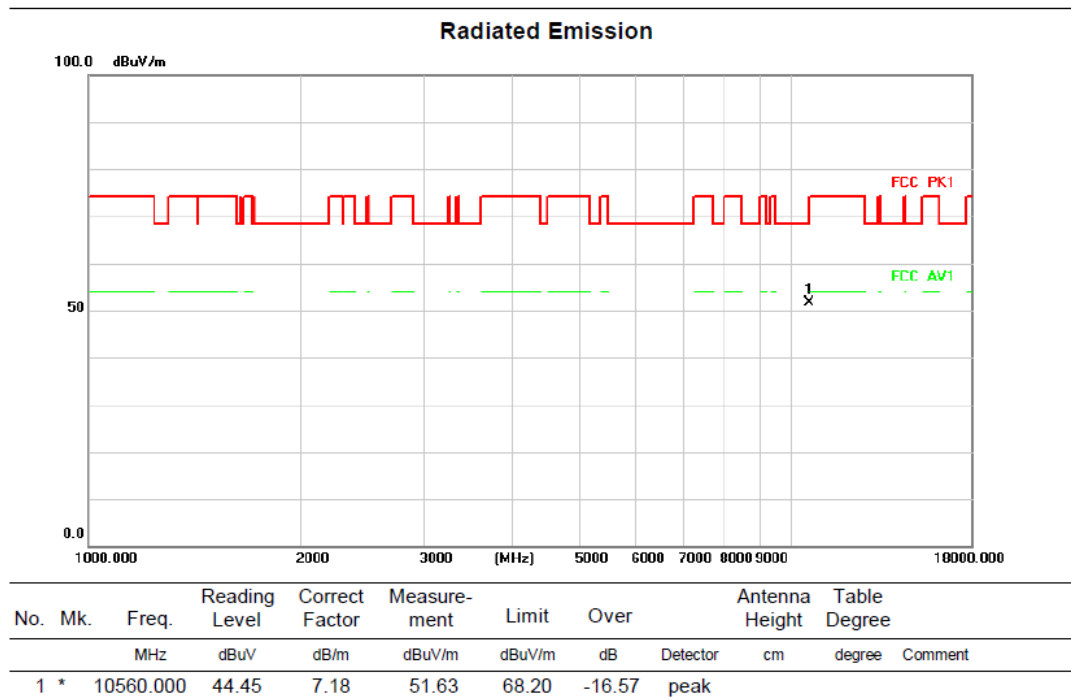


Above 1GHz (1GHz~18GHz)

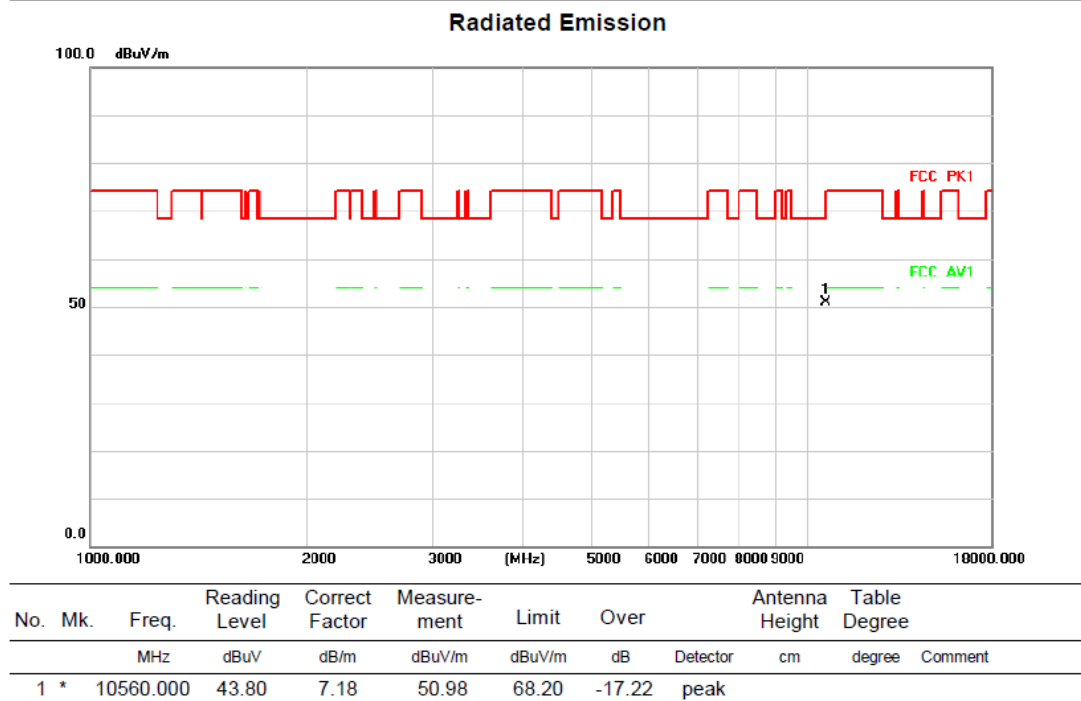
Test mode: 11N20MIMO

Test Channel:56

VERTICAL



HORIZONTAL

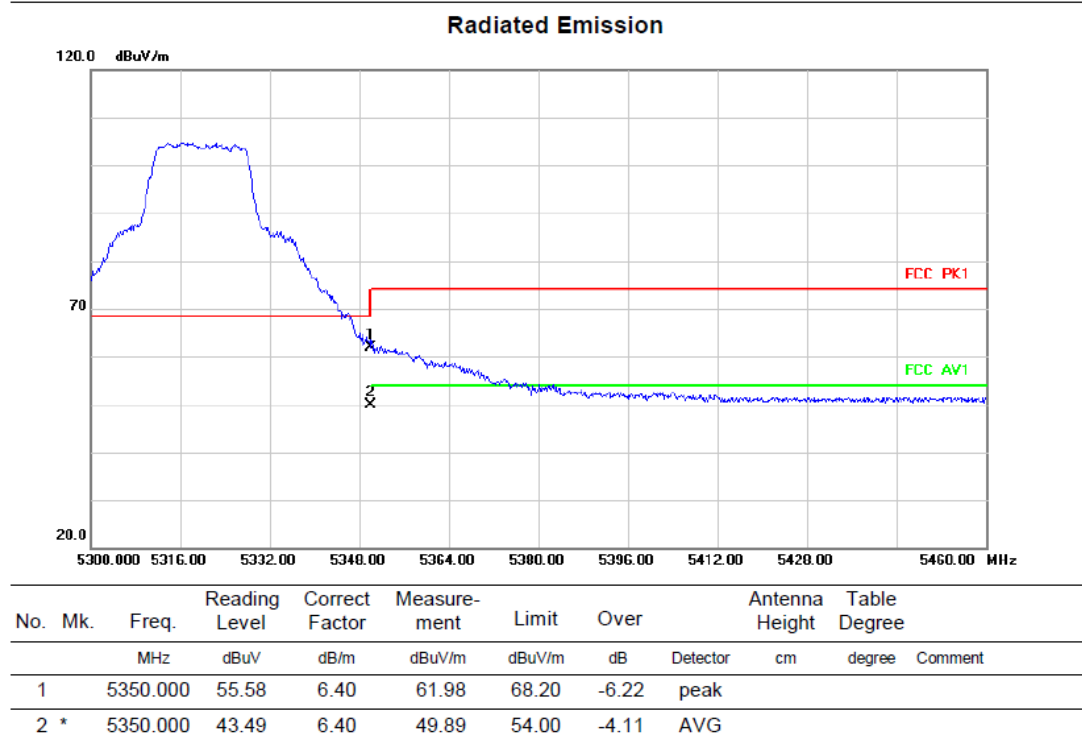
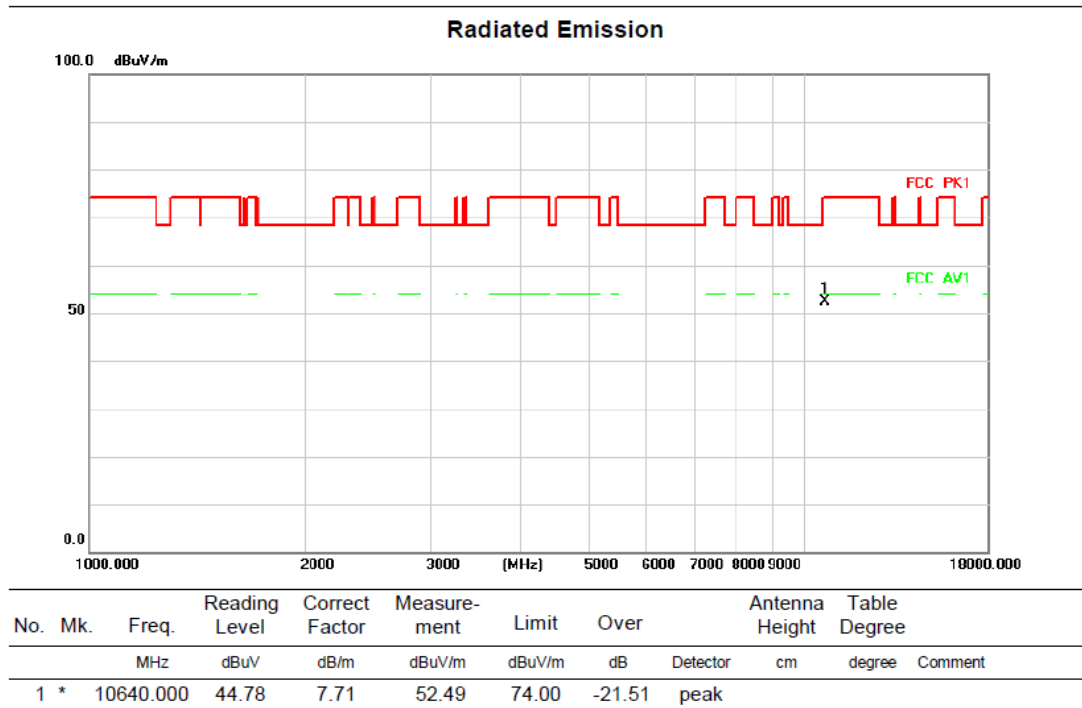


Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

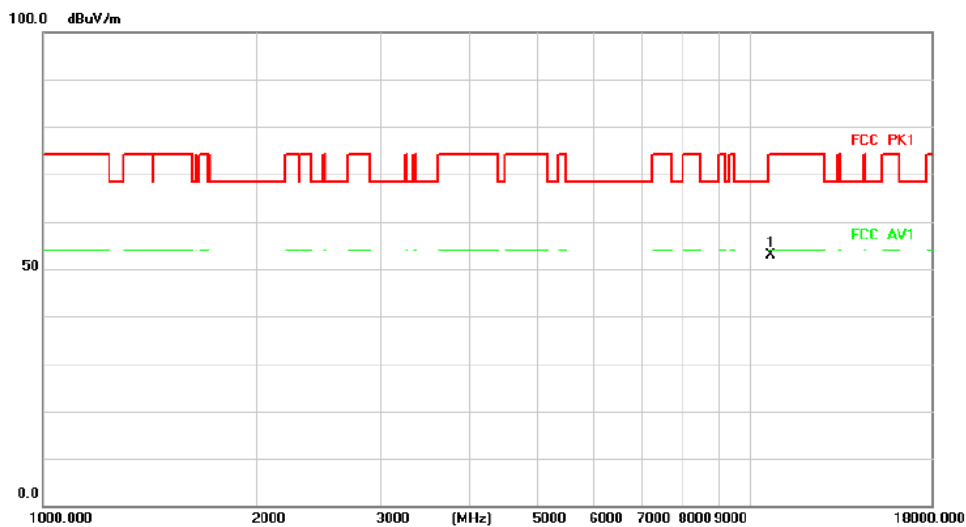
Test Channel:64

VERTICAL



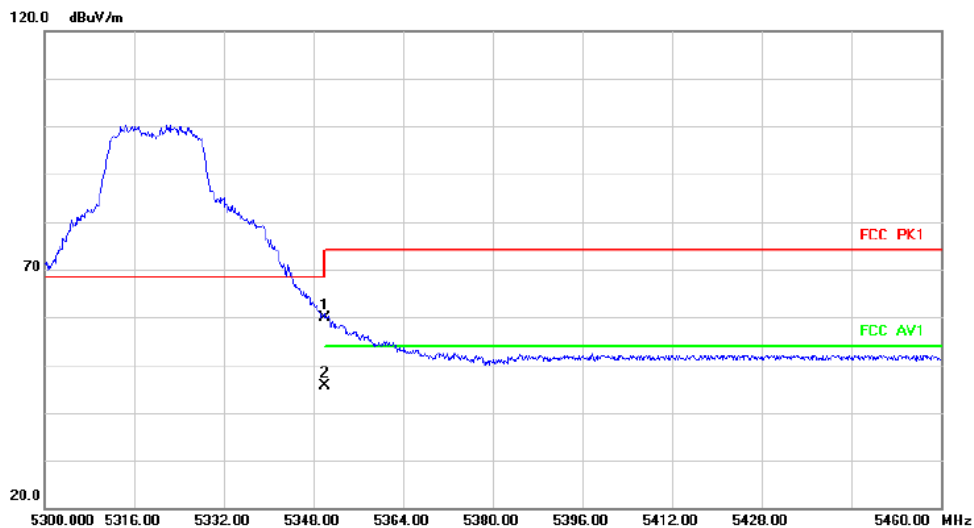
HORIZONTAL

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	*	10640.000	45.16	7.71	52.87	74.00	-21.13	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	*	5350.000	53.51	6.40	59.91	68.20	-8.29	peak	
2		5350.000	39.27	6.40	45.67	54.00	-8.33	AVG	

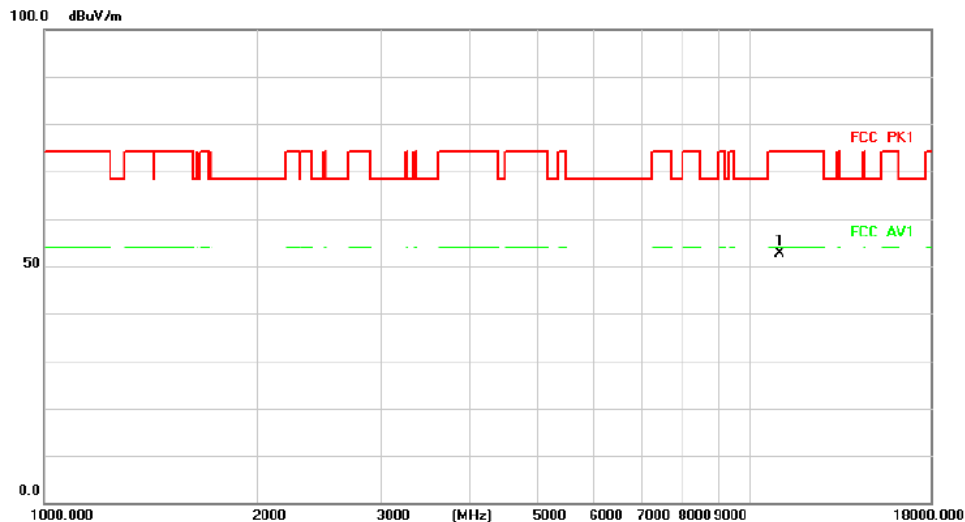
Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

Test Channel:100

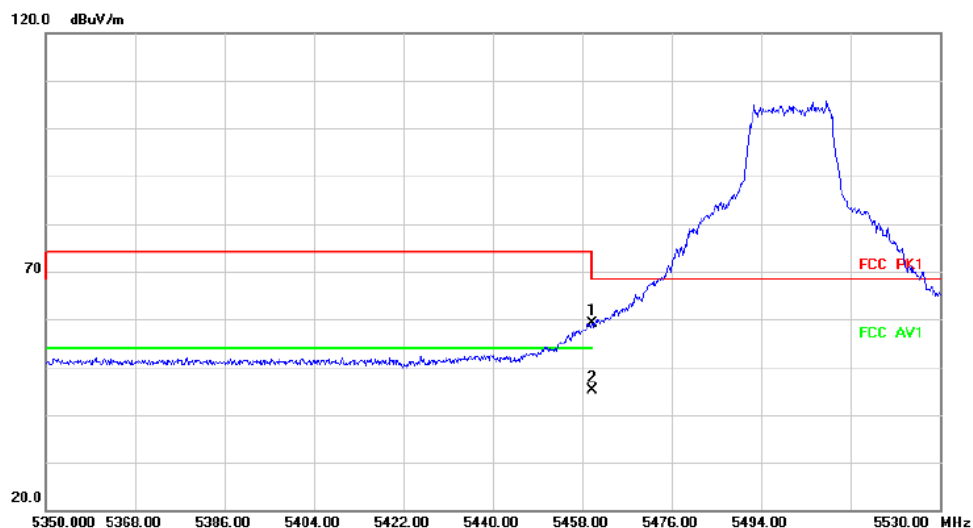
VERTICAL

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	Comment
1	*	11000.000	47.28	5.34	52.62	74.00	-21.38	peak		

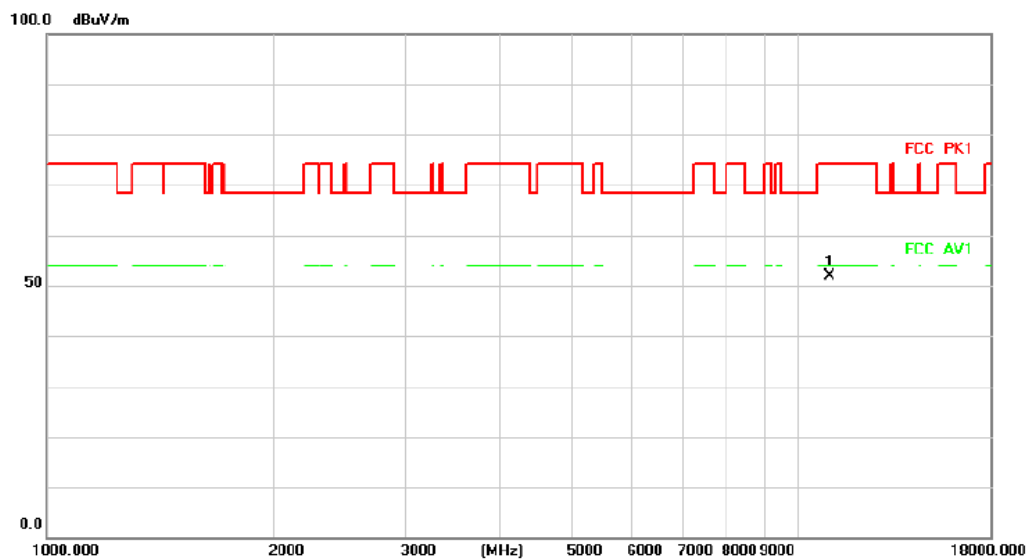
Radiated Emission



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	Comment
1		5460.000	52.78	6.31	59.09	68.20	-9.11	peak		
2	*	5460.000	38.80	6.31	45.11	54.00	-8.89	AVG		

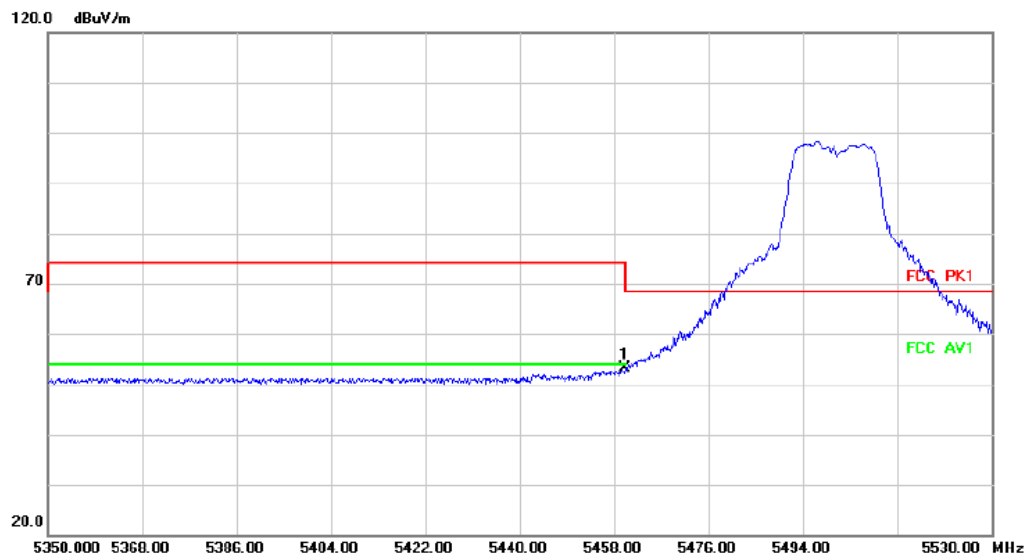
HORIZONTAL

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	Comment
1	*	11000.000	46.53	5.34	51.87	74.00	-22.13	peak		

Radiated Emission



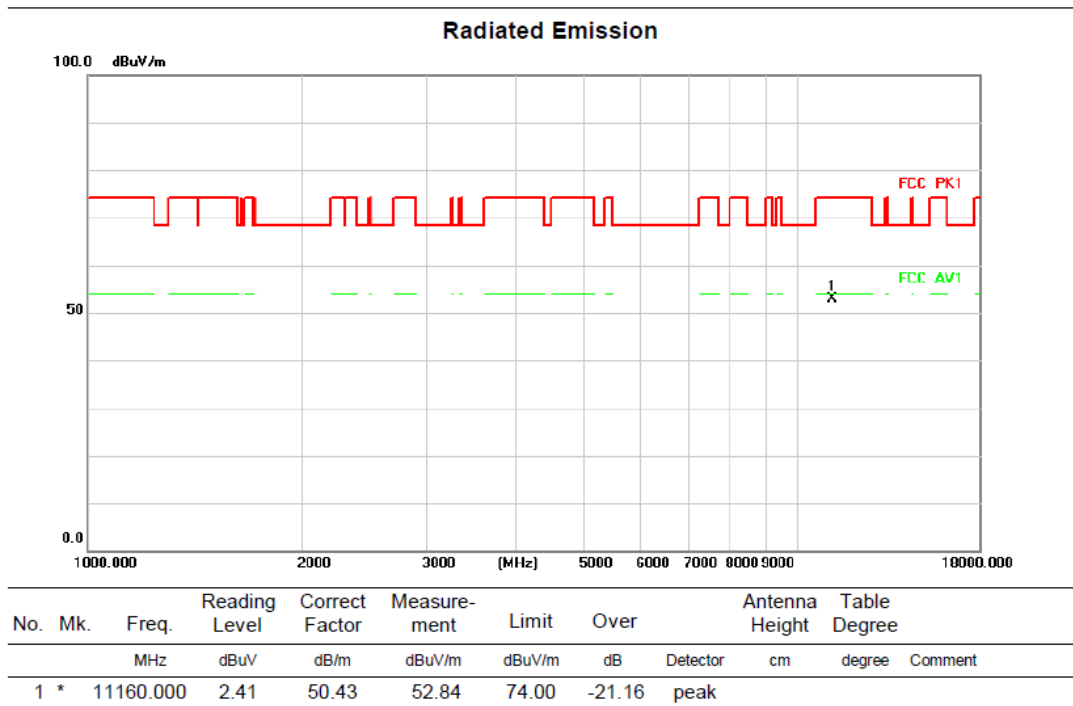
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	46.90	6.31	53.21	68.20	-14.99	peak		

Above 1GHz (1GHz~18GHz)

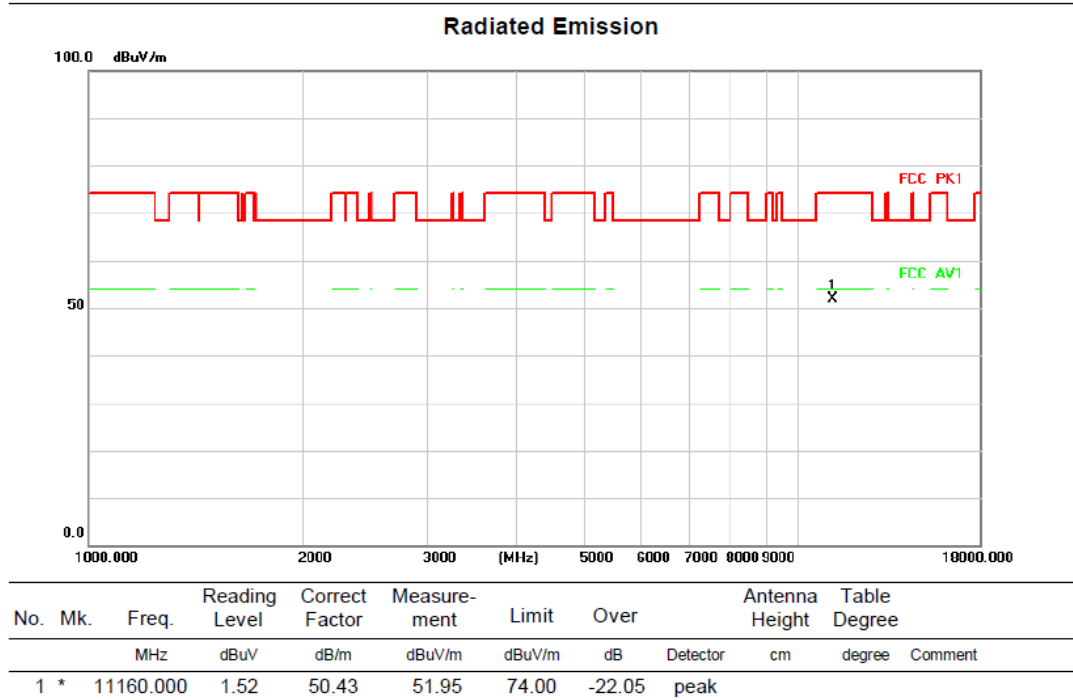
Test mode: 11N20MIMO

Test Channel:116

VERTICAL



HORIZONTAL

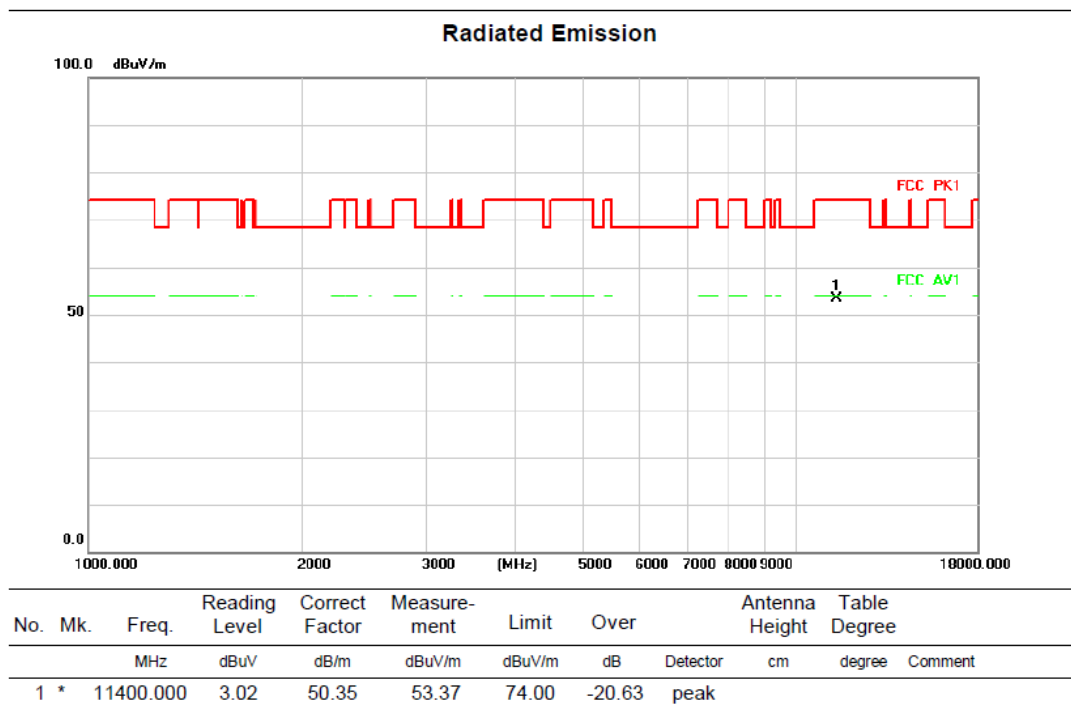


Above 1GHz (1GHz~18GHz)

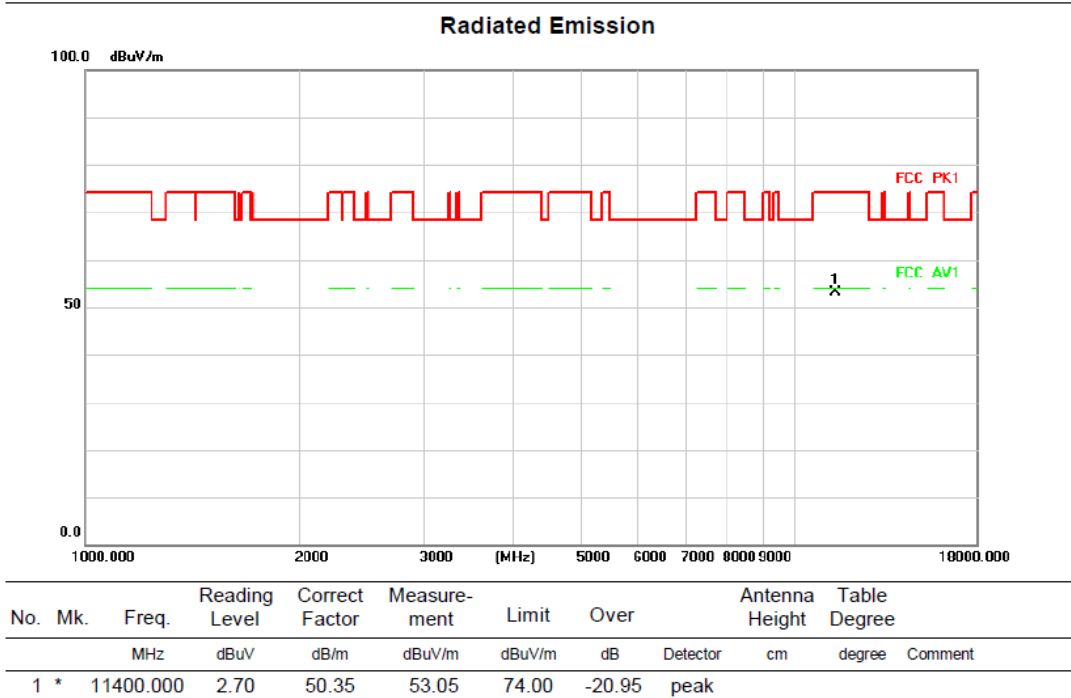
Test mode: 11N20MIMO

Test Channel:140

VERTICAL



HORIZONTAL



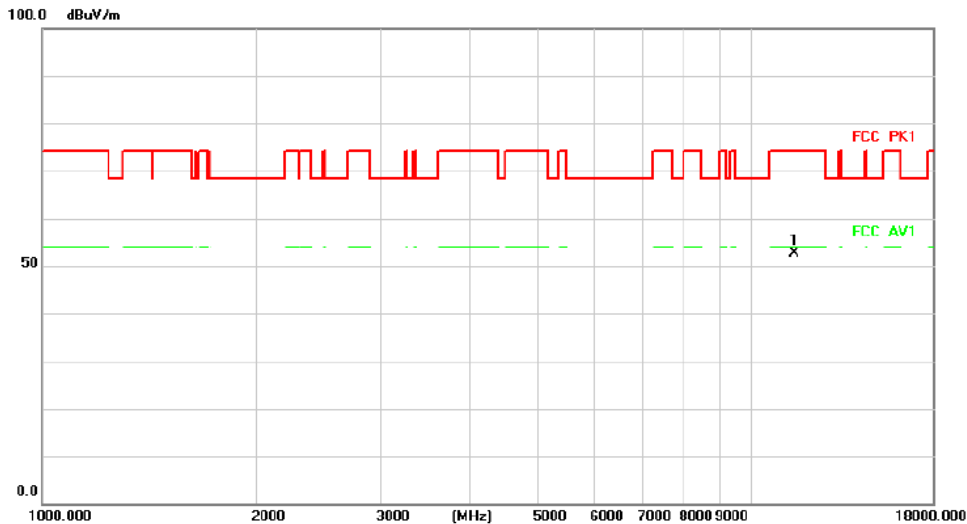
Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

Test Channel:149

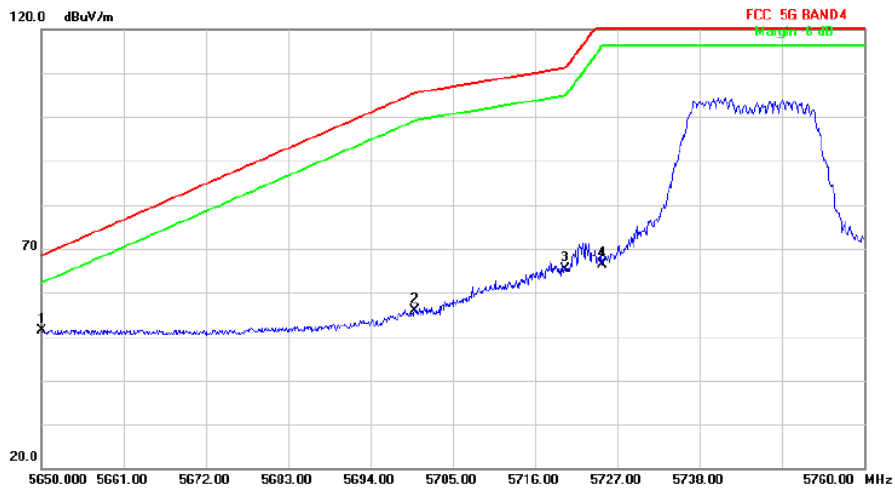
VERTICAL

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	*	11490.000	1.75	50.92	52.67	74.00	-21.33	peak	

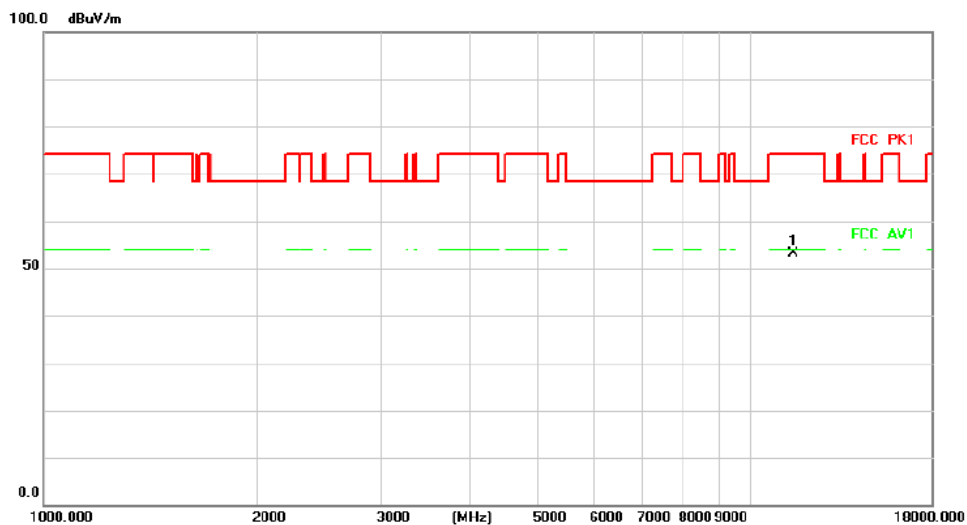
Radiated Emission



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	45.23	6.15	51.38	68.20	-16.82	peak	
2		5700.000	49.72	6.26	55.98	105.20	-49.22	peak	
3		5720.000	59.23	6.05	65.28	110.80	-45.52	peak	
4		5725.000	60.49	6.00	66.49	122.20	-55.71	peak	

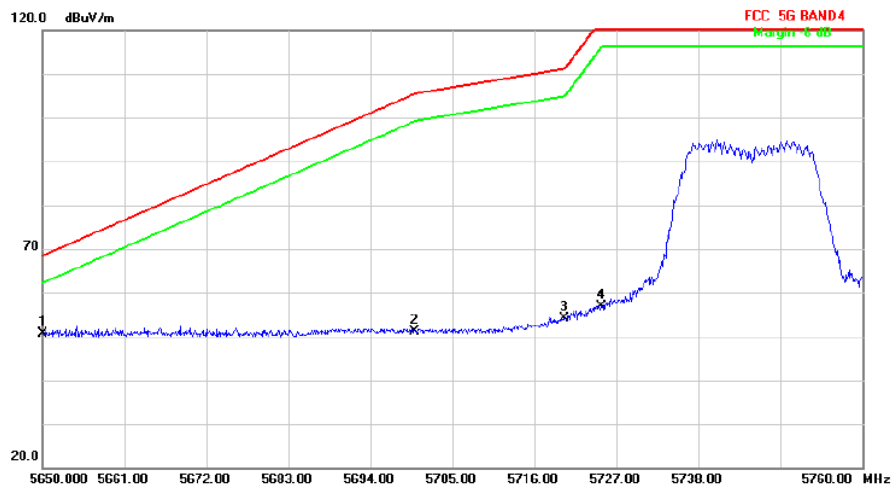
HORIZONTAL

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	*	11490.000	2.12	50.92	53.04	74.00	-20.96	peak	

Radiated Emission



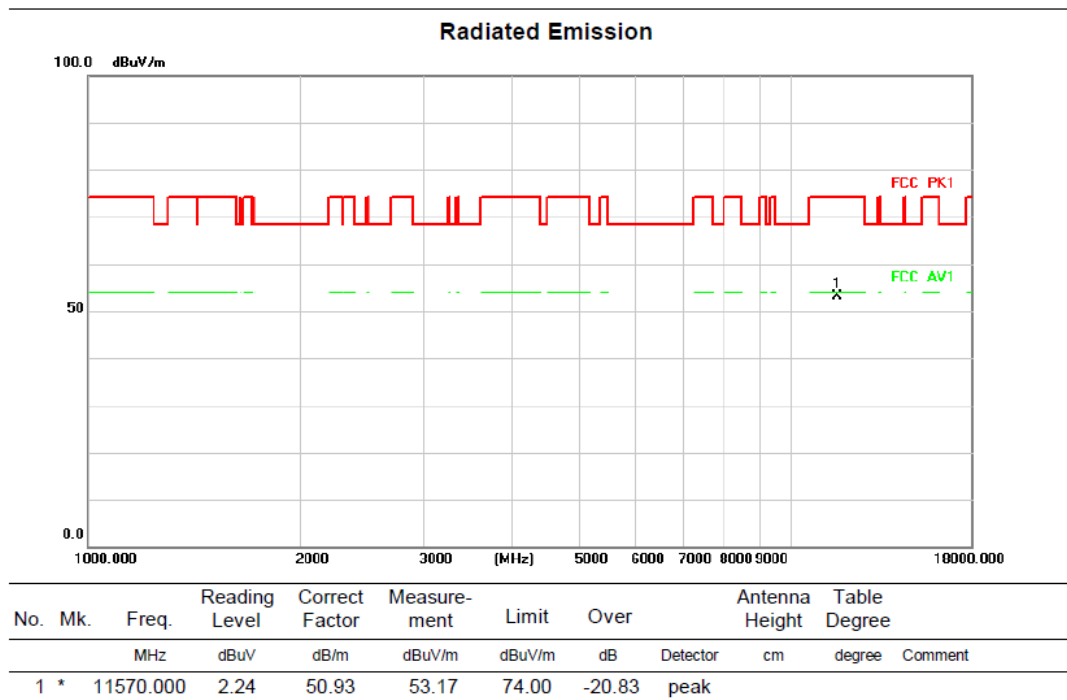
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	44.36	6.15	50.51	68.20	-17.69	peak	
2		5700.000	44.93	6.26	51.19	105.20	-54.01	peak	
3		5720.000	47.97	6.05	54.02	110.80	-56.78	peak	
4		5725.000	50.86	6.00	56.86	122.20	-65.34	peak	

Above 1GHz (1GHz~18GHz)

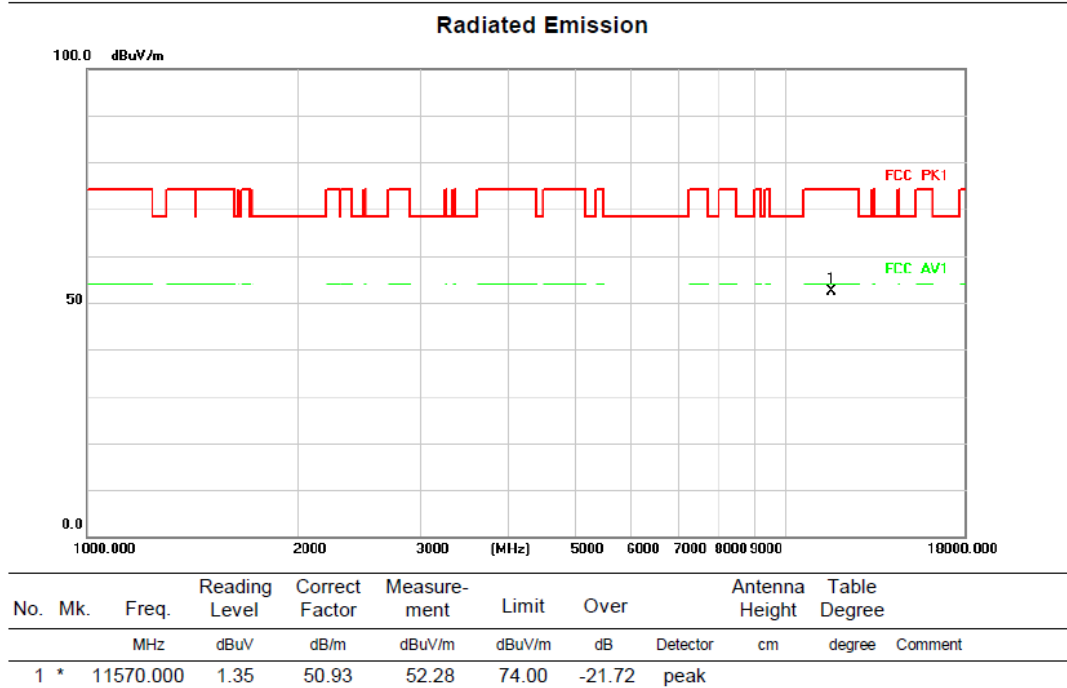
Test mode: 11N20MIMO

Test Channel:157

VERTICAL



HORIZONTAL

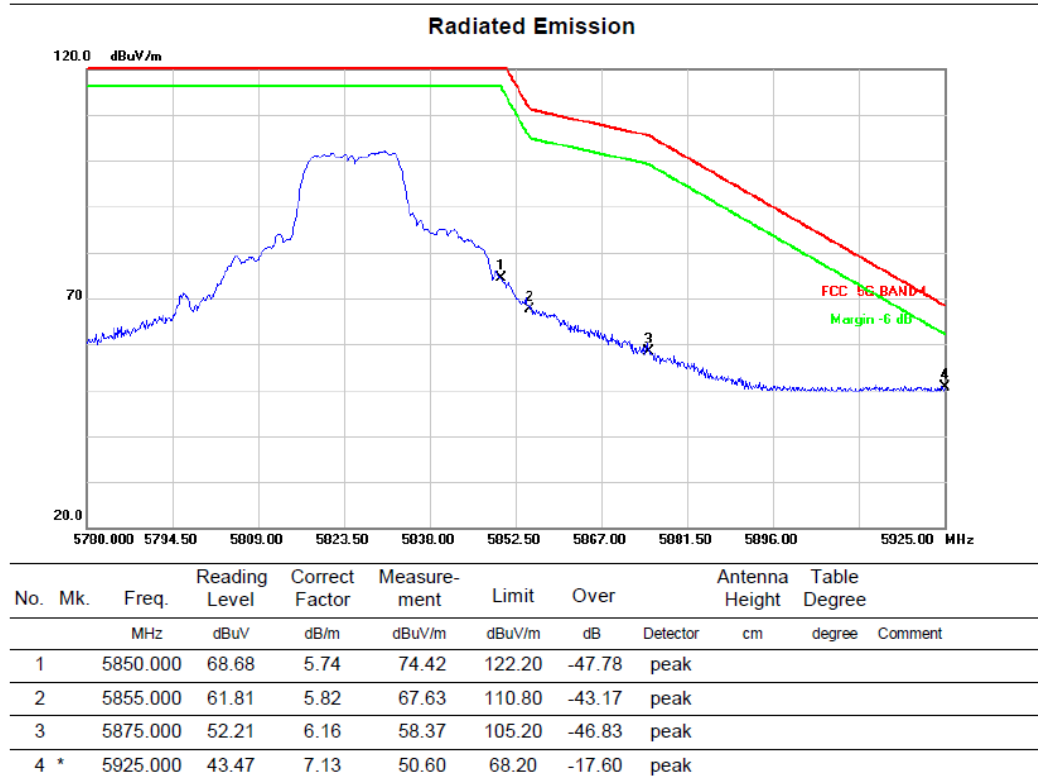
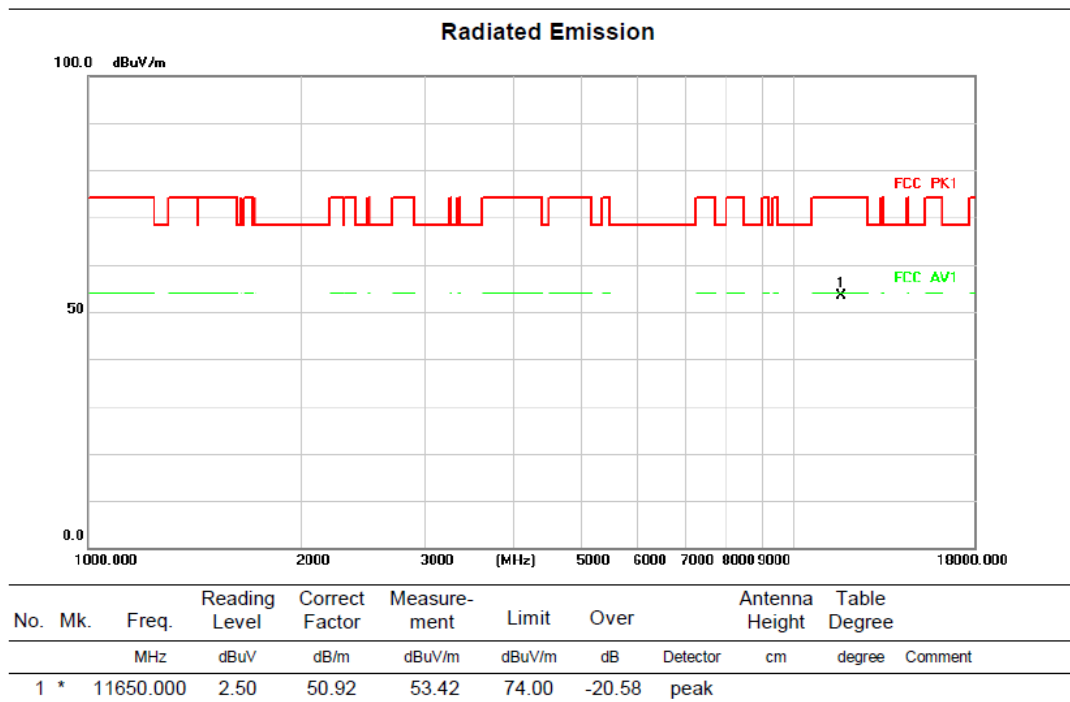


Above 1GHz (1GHz~18GHz)

Test mode: 11N20MIMO

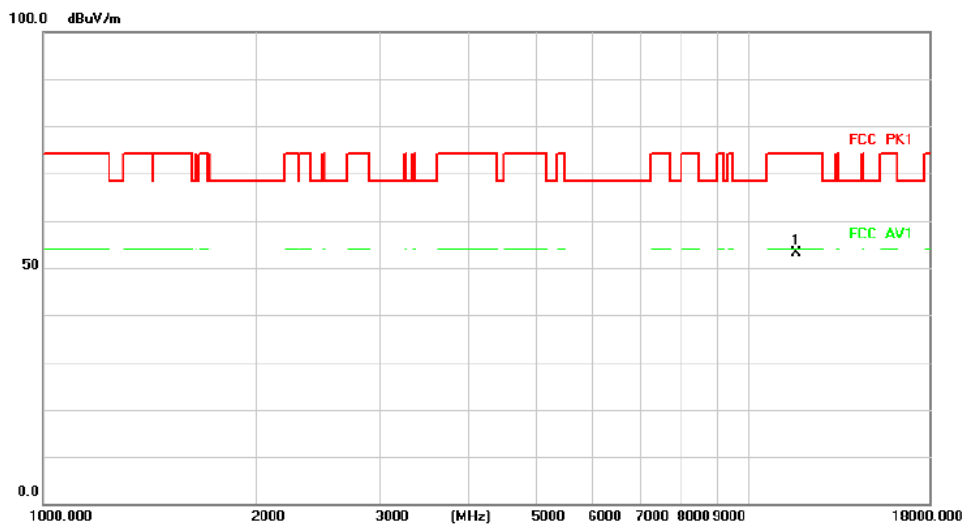
Test Channel:165

VERTICAL



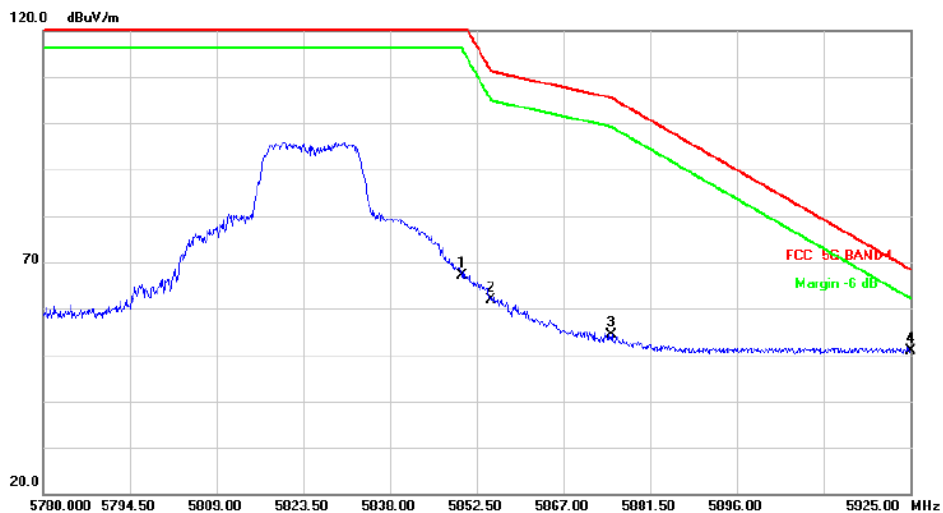
HORIZONTAL

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	Comment
1	*	11650.000	2.14	50.92	53.06	74.00	-20.94	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	Comment
1		5850.000	61.50	5.74	67.24	122.20	-54.96	peak		
2		5855.000	56.06	5.82	61.88	110.80	-48.92	peak		
3		5875.000	48.12	6.16	54.28	105.20	-50.92	peak		
4	*	5925.000	43.68	7.13	50.81	68.20	-17.39	peak		

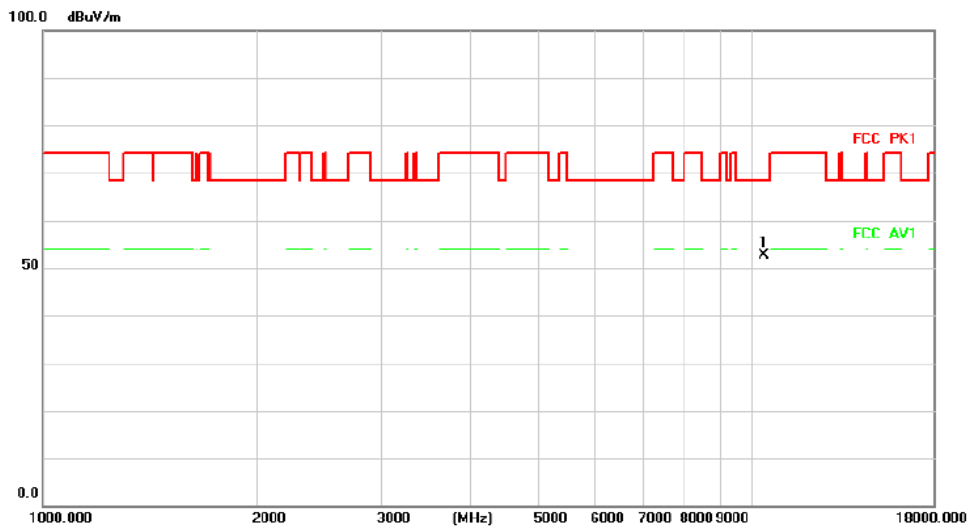
Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:38

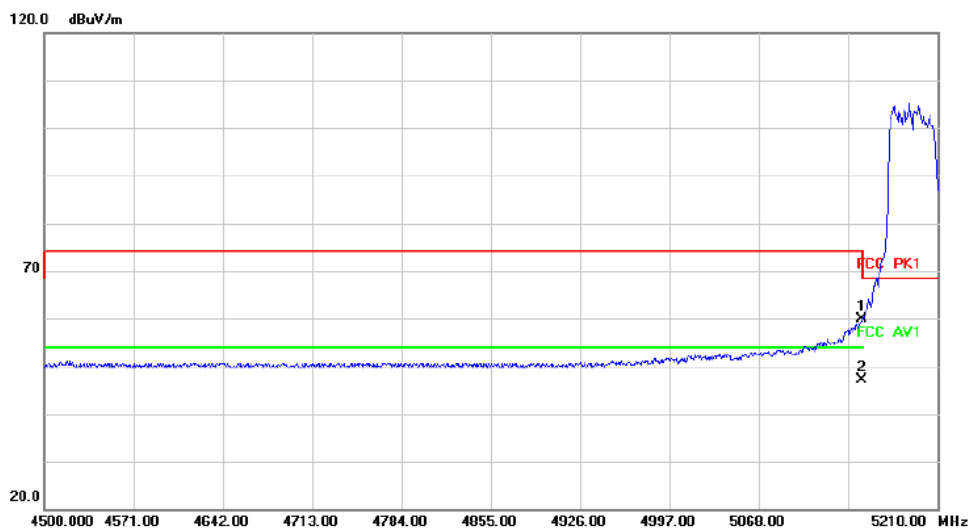
VERTICAL

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	Detector	cm	degree
1	*	10380.000	44.54	8.10	52.64	68.20	-15.56	peak		

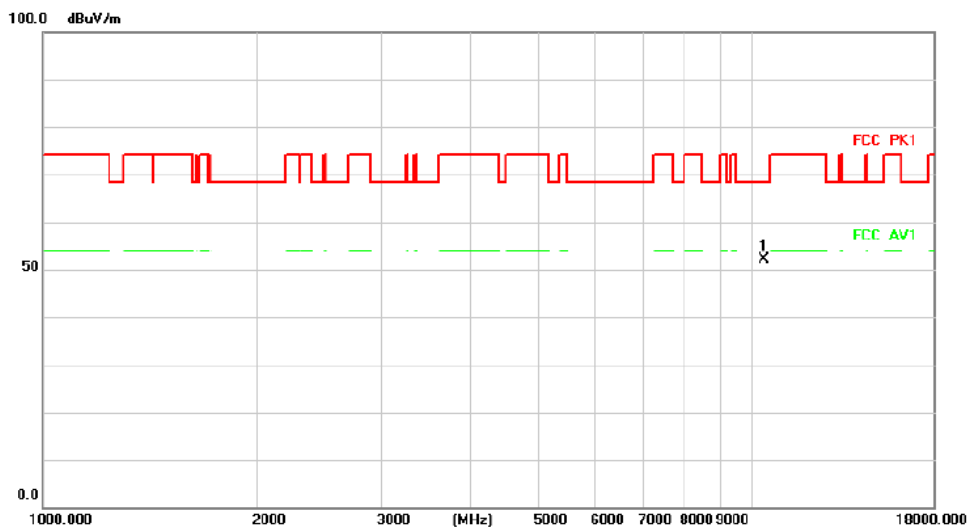
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5150.000	52.51	7.25	59.76	68.20	-8.44	peak		
2	*	5150.000	39.84	7.25	47.09	54.00	-6.91	AVG		

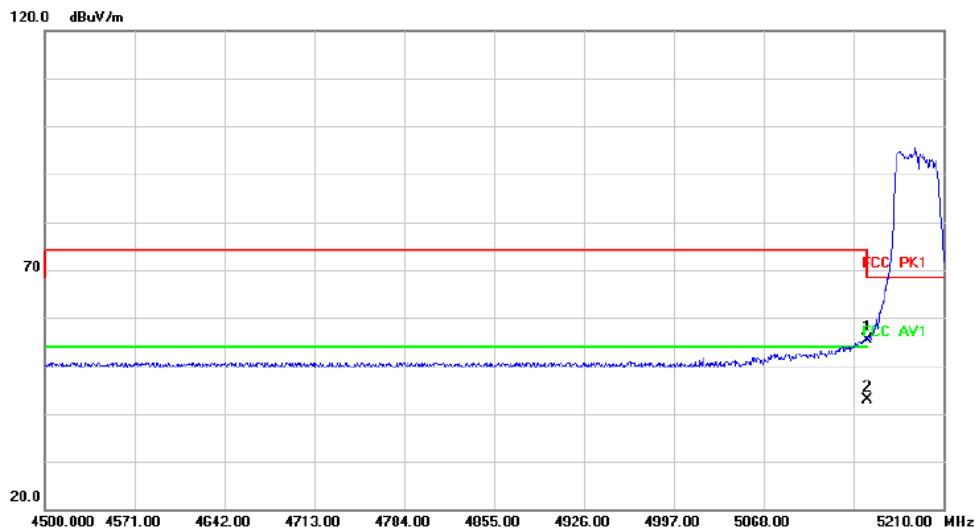
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	10380.000	43.98	8.10	52.08	68.20	-16.12	peak	

Radiated Emission



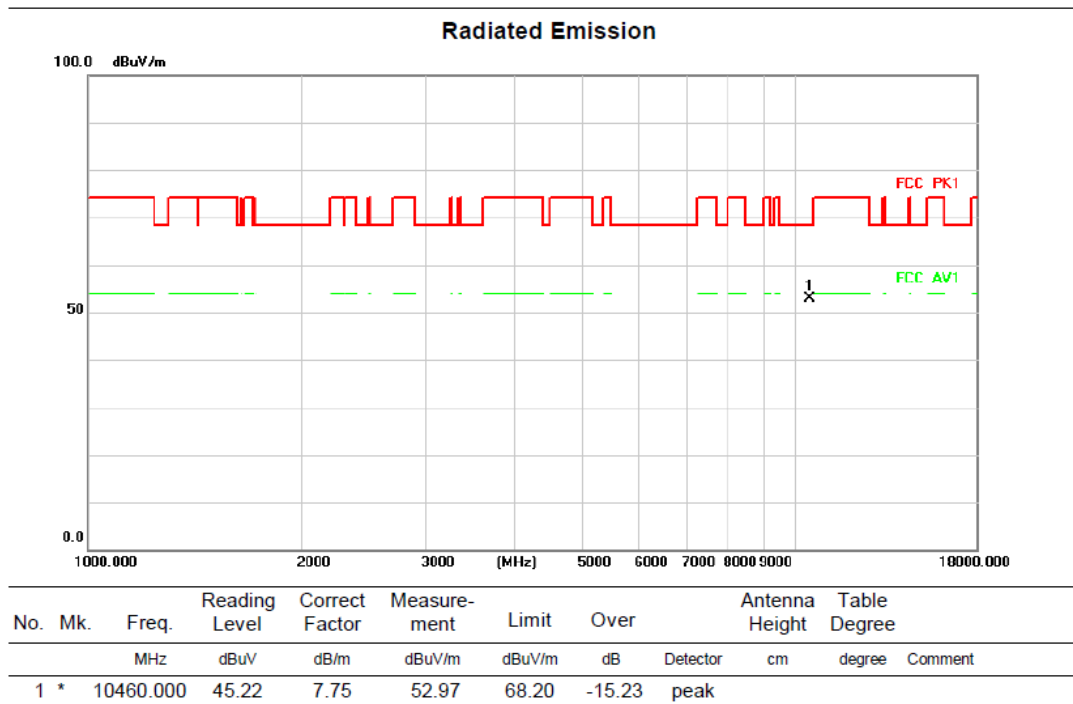
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5150.000	48.02	7.25	55.27	68.20	-12.93	peak	
2	*	5150.000	35.61	7.25	42.86	54.00	-11.14	AVG	

Above 1GHz (1GHz~18GHz)

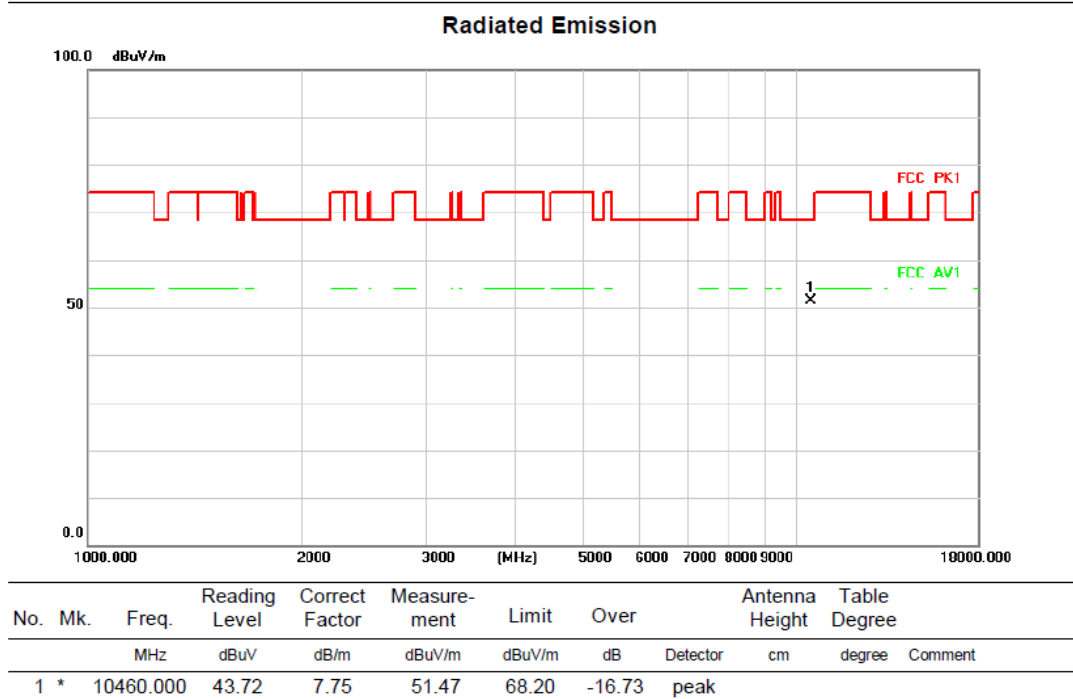
Test mode: 11N40MIMO

Test Channel:46

VERTICAL



HORIZONTAL

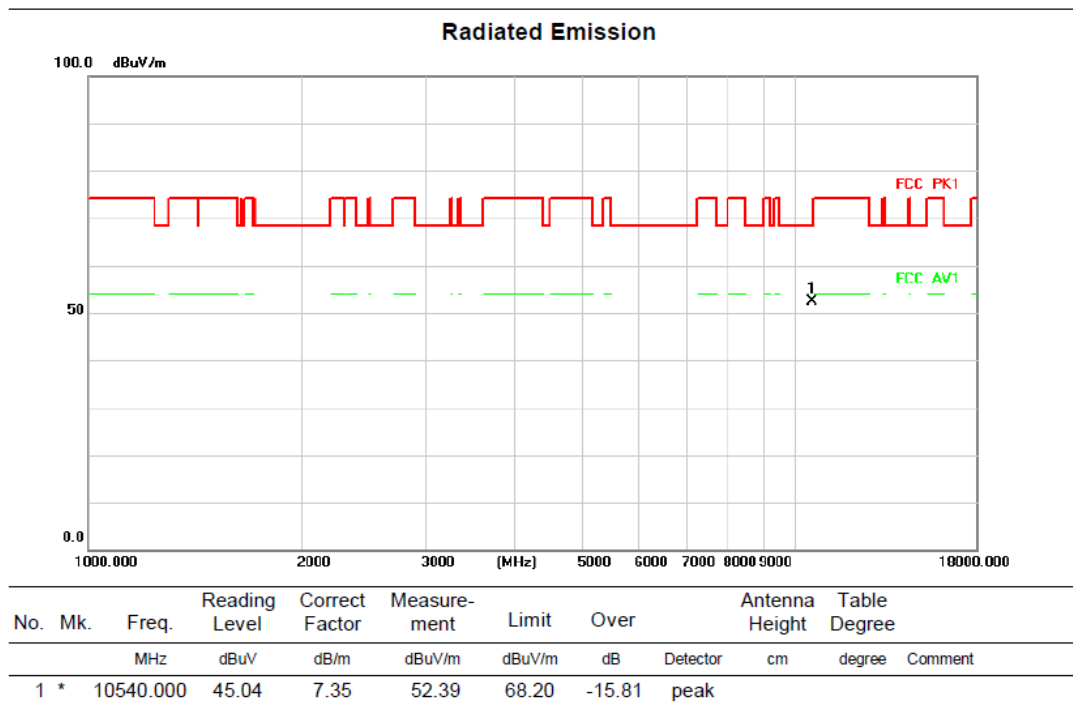


Above 1GHz (1GHz~18GHz)

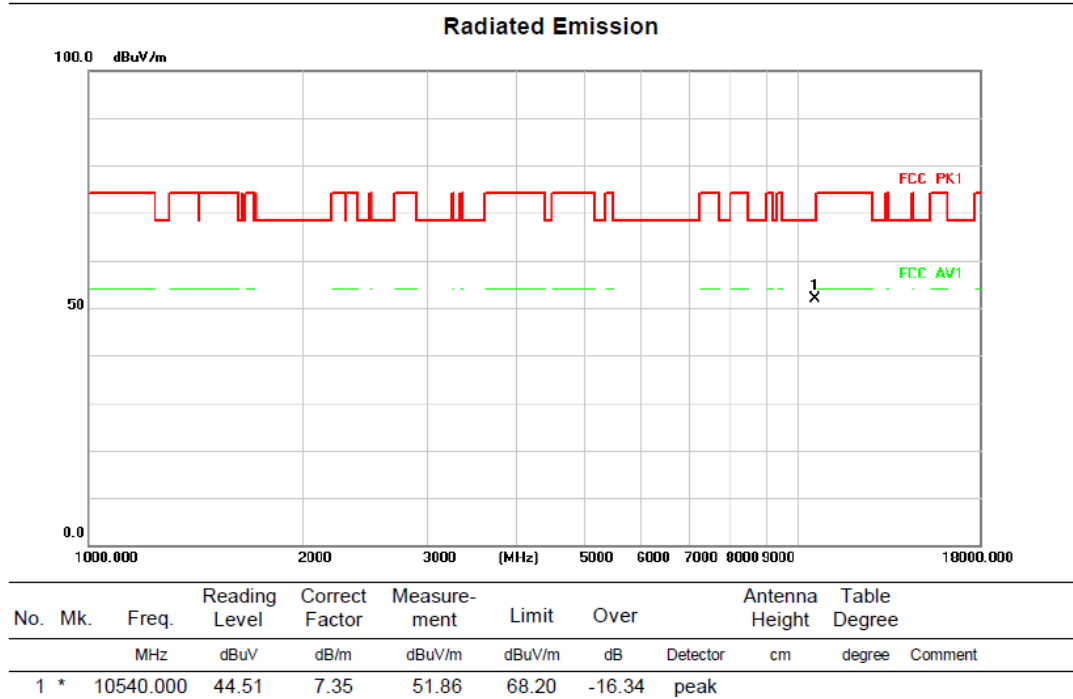
Test mode: 11N40MIMO

Test Channel:54

VERTICAL



HORIZONTAL



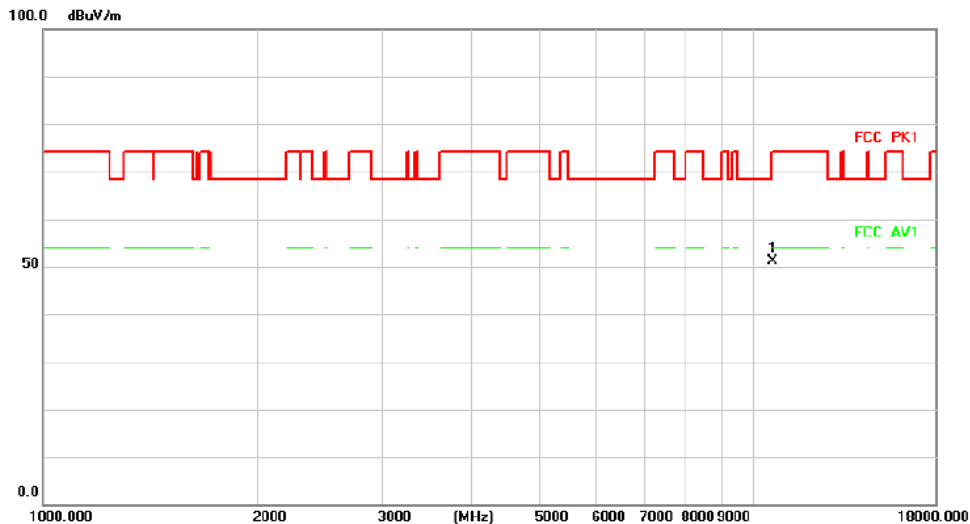
Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:62

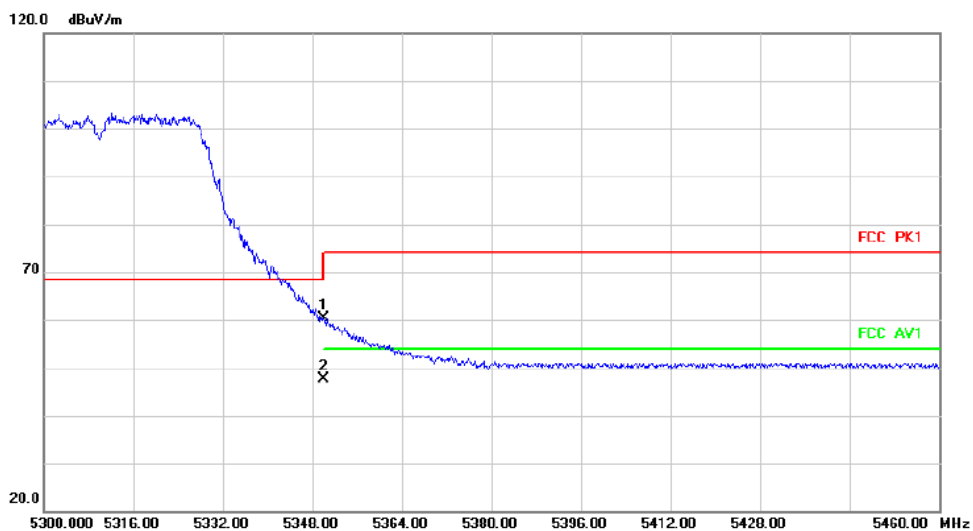
VERTICAL

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	Comment
1	*	10620.000	43.76	7.28	51.04	74.00	-22.96	peak		

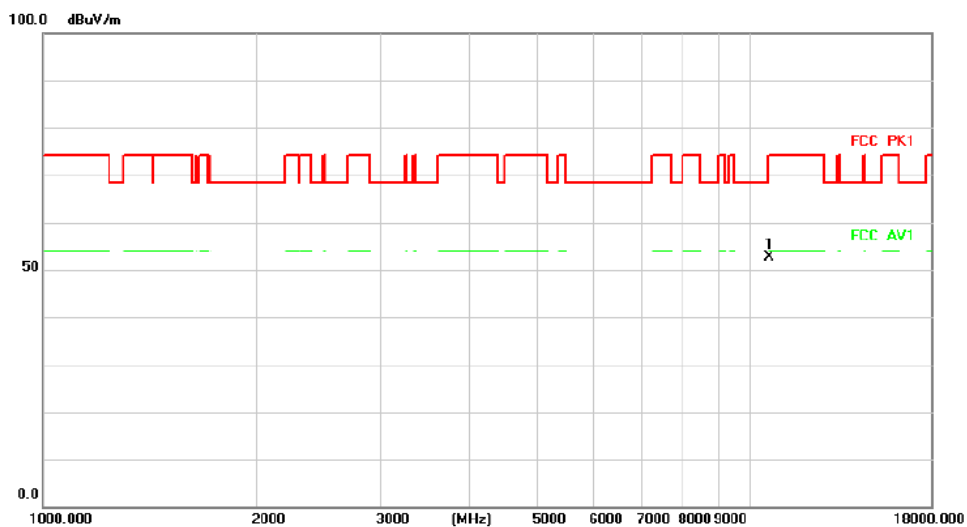
Radiated Emission



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	Comment
1		5350.000	54.07	6.40	60.47	68.20	-7.73	peak		
2	*	5350.000	41.12	6.40	47.52	54.00	-6.48	AVG		

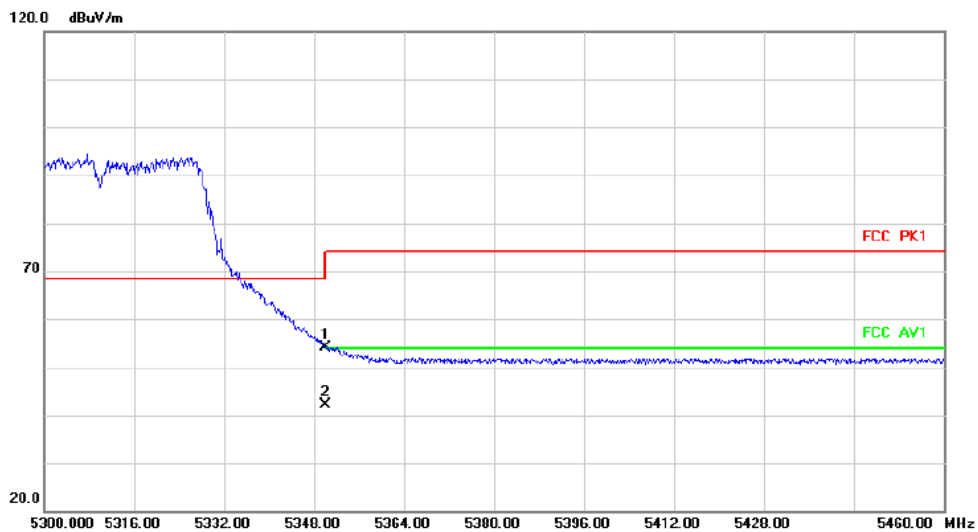
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10620.000	45.43	7.28	52.71	74.00	-21.29	peak		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5350.000	47.80	6.40	54.20	68.20	-14.00	peak		
2	*	5350.000	35.73	6.40	42.13	54.00	-11.87	AVG		

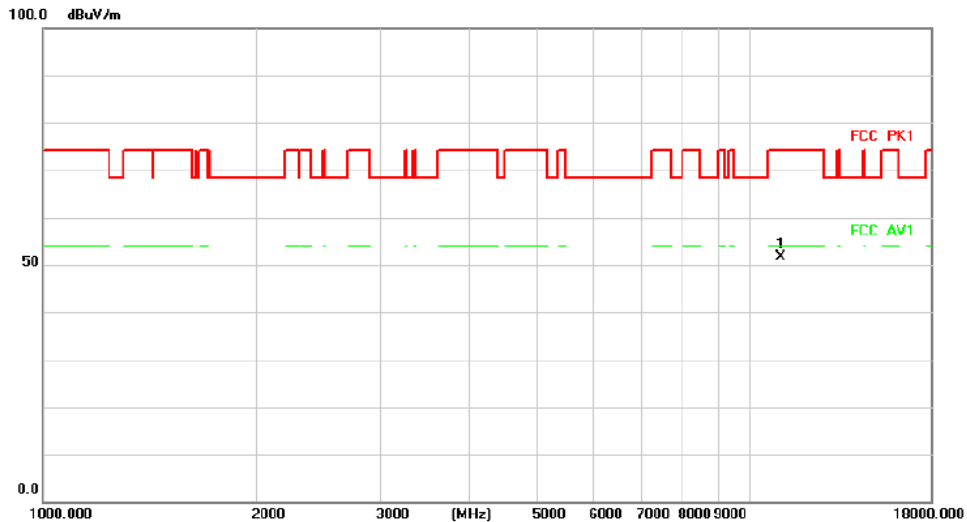
Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:102

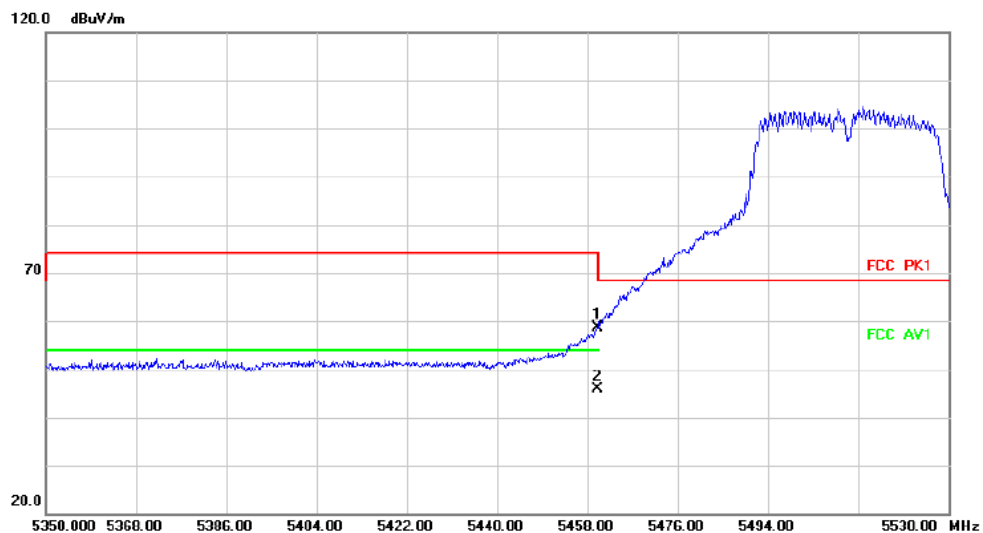
VERTICAL

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	Comment
1	*	11020.000	46.16	5.53	51.69	74.00	-22.31	peak		

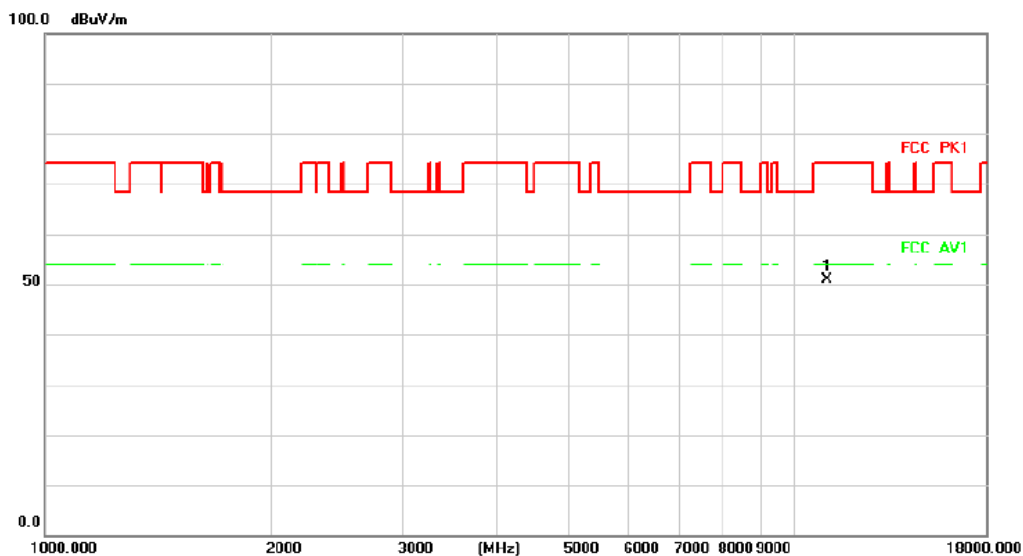
Radiated Emission



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	Comment
1		5460.000	52.22	6.31	58.53	68.20	-9.67	peak		
2	*	5460.000	39.60	6.31	45.91	54.00	-8.09	AVG		

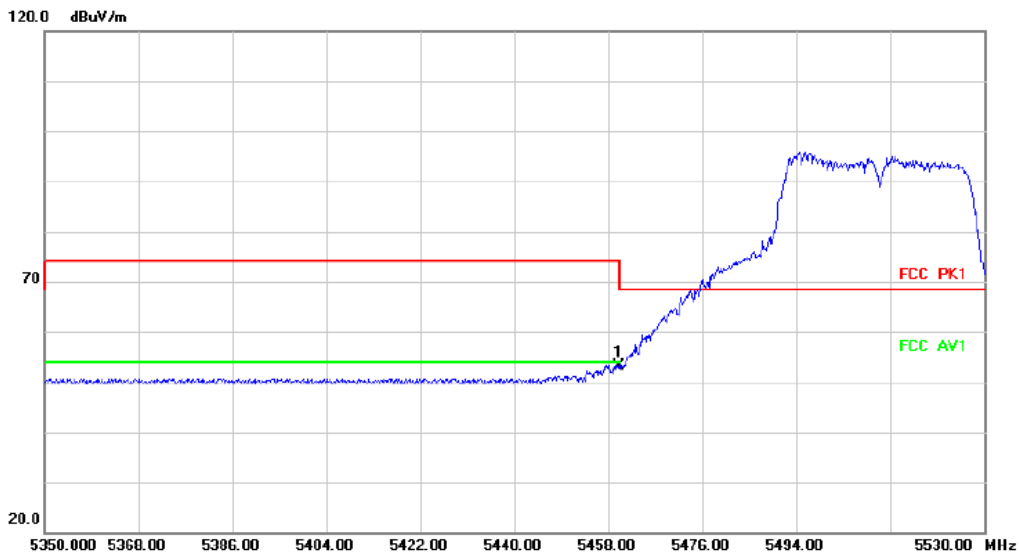
HORIZONTALA

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	Detector	cm	degree
1	*	11020.000	45.25	5.53	50.78	74.00	-23.22	peak		Comment

Radiated Emission



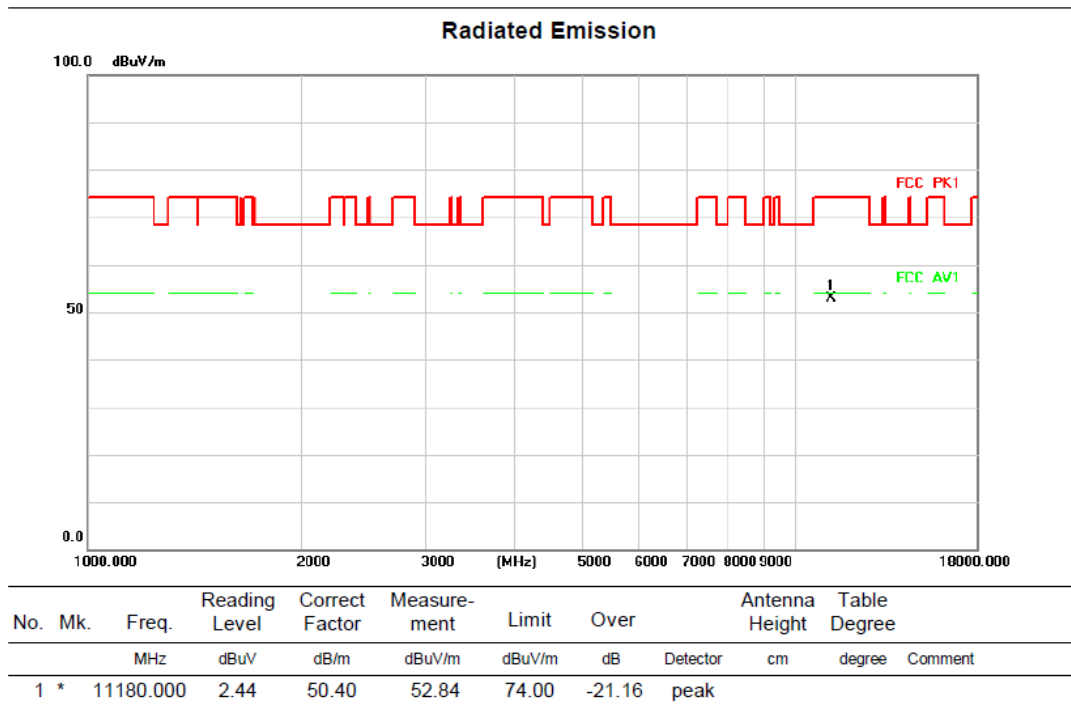
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5460.000	46.88	6.31	53.19	68.20	-15.01	peak		Comment

Above 1GHz (1GHz~18GHz)

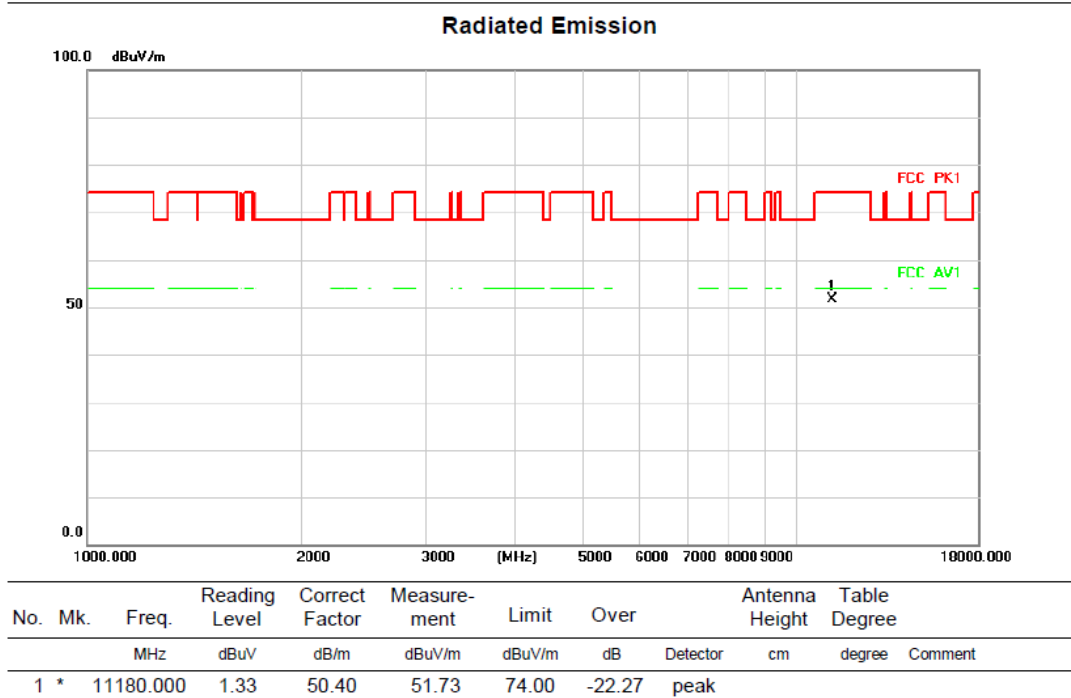
Test mode: 11N40MIMO

Test Channel:118

VERTICAL



HORIZONTAL

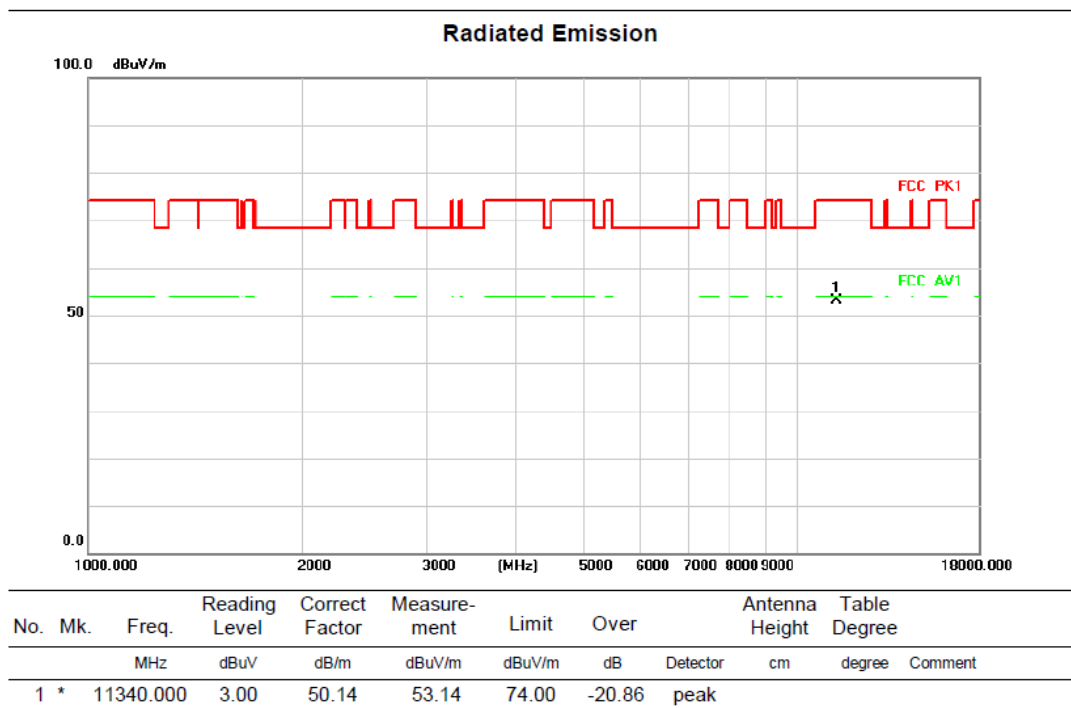


Above 1GHz (1GHz~18GHz)

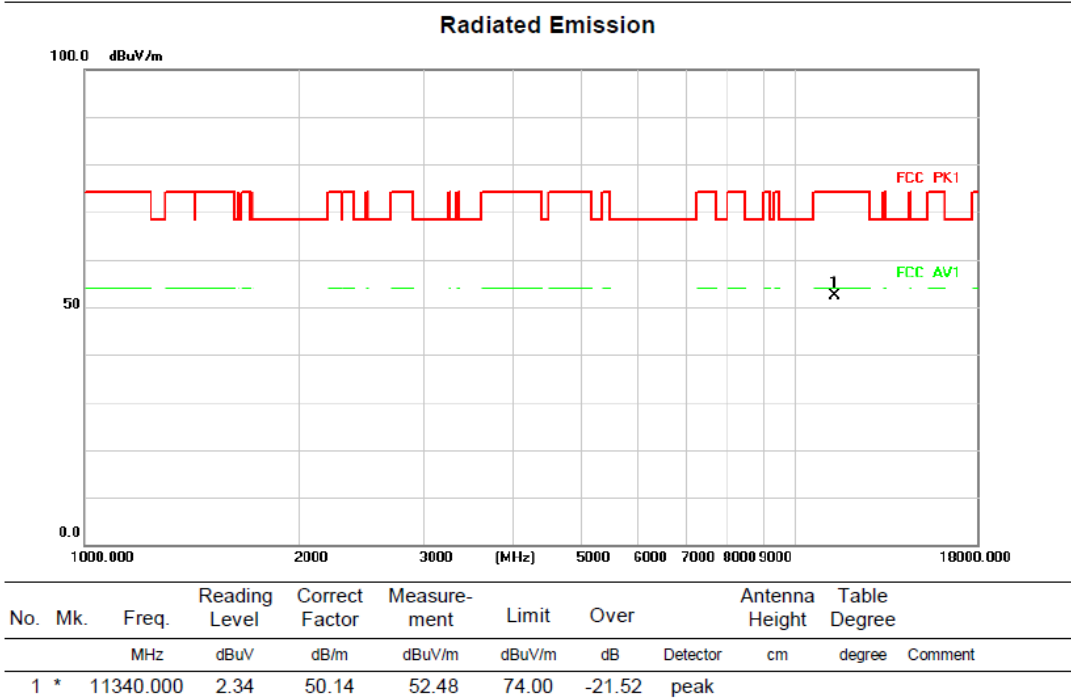
Test mode: 11N40MIMO

Test Channel:134

VERTICAL



HORIZONTAL

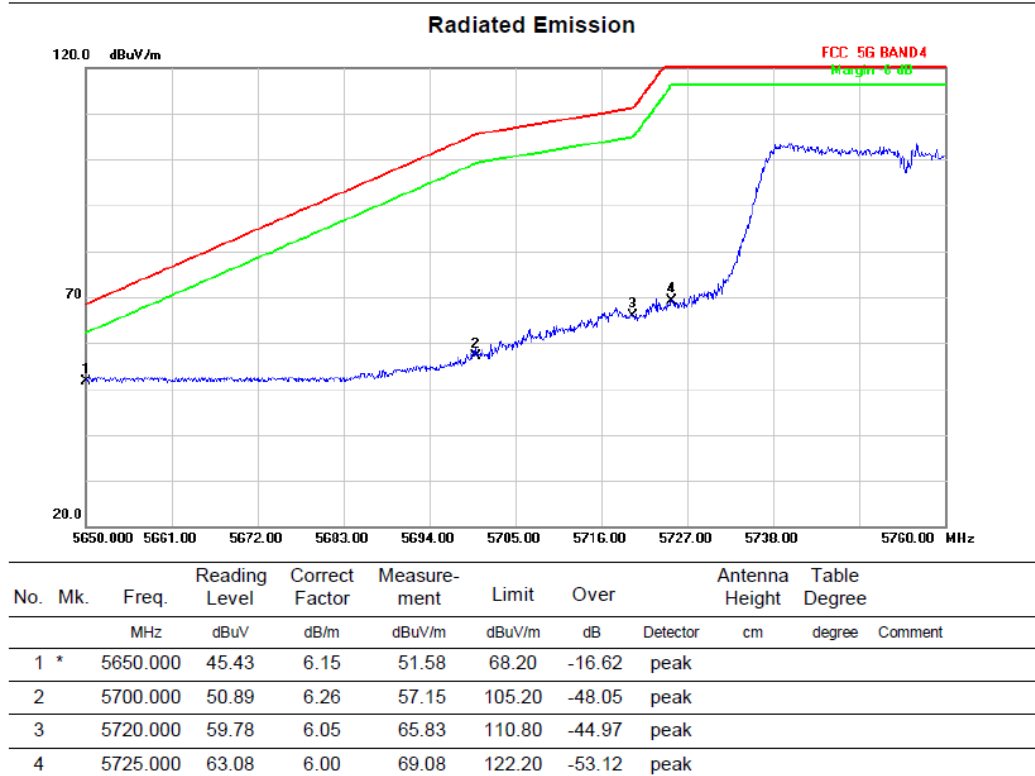
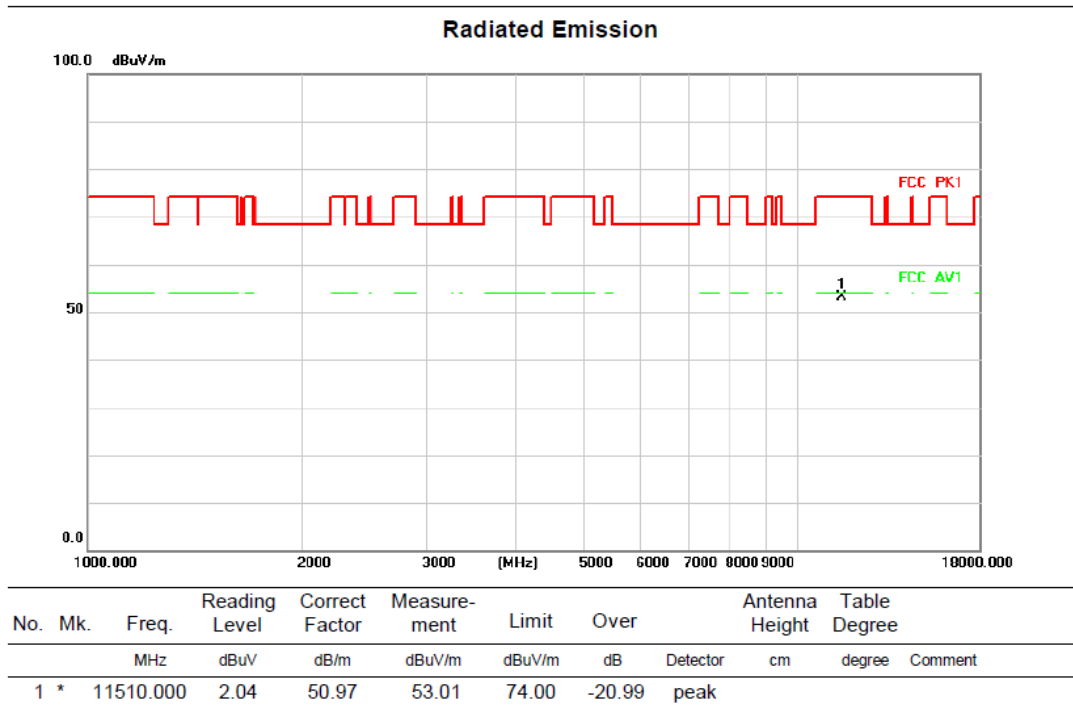


Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

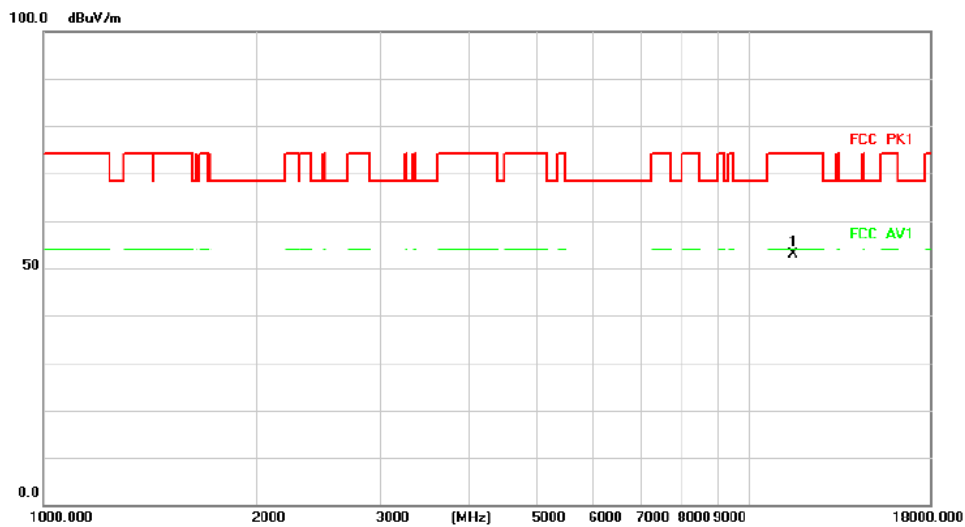
Test Channel:151

VERTICAL



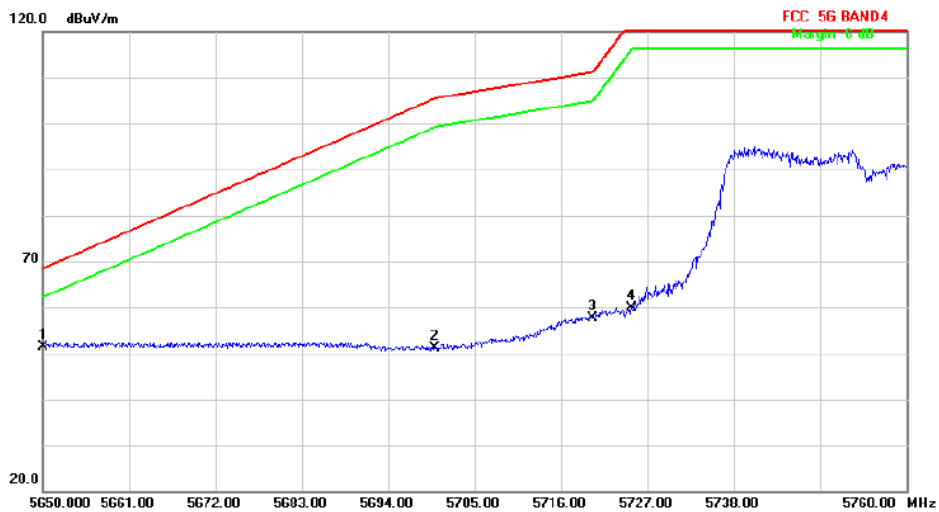
HORIZONTALA

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	1.85	50.97	52.82	74.00	-21.18	peak	

Radiated Emission



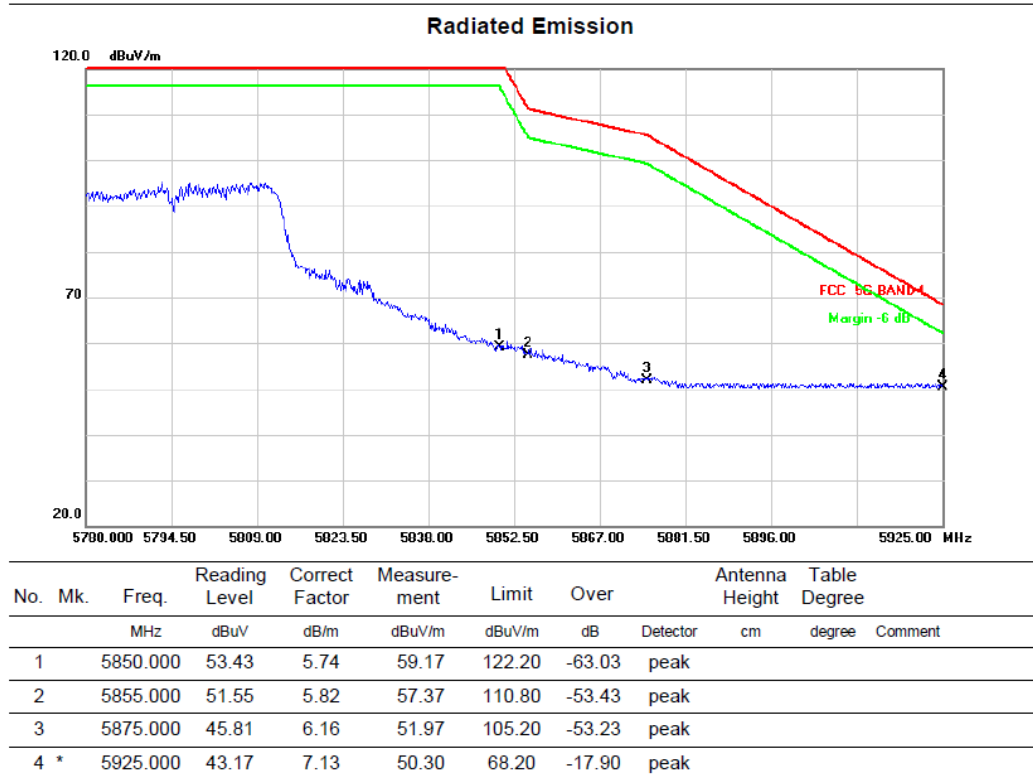
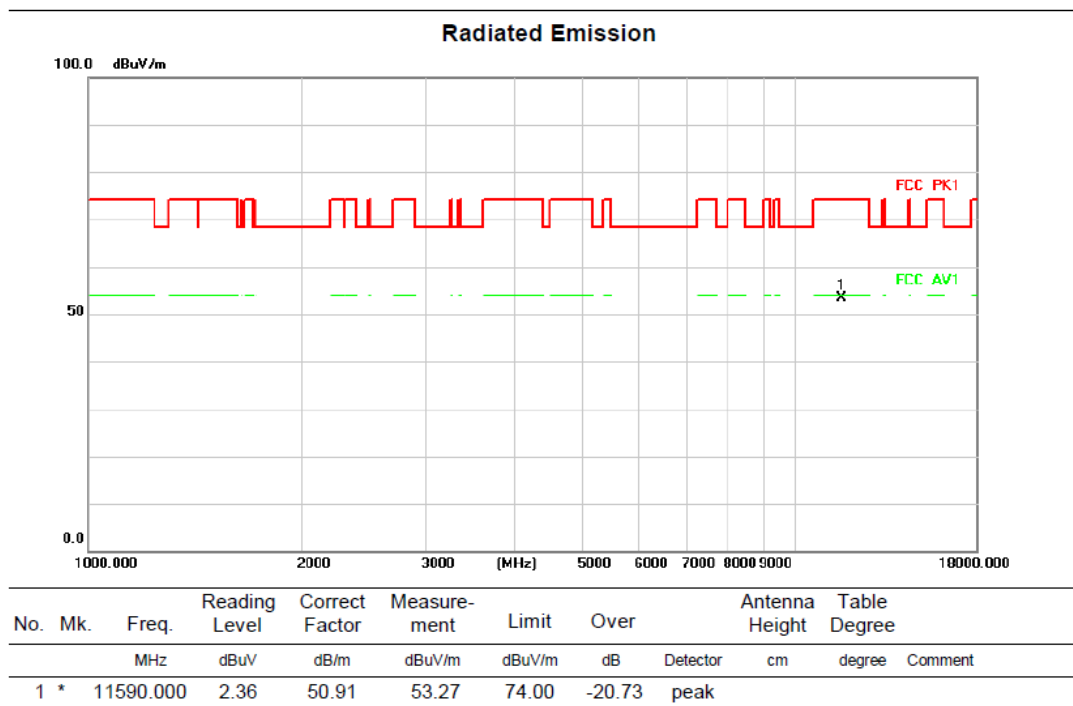
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	45.20	6.15	51.35	68.20	-16.85	peak	
2		5700.000	44.90	6.26	51.16	105.20	-54.04	peak	
3		5720.000	51.65	6.05	57.70	110.80	-53.10	peak	
4		5725.000	53.99	6.00	59.99	122.20	-62.21	peak	

Above 1GHz (1GHz~18GHz)

Test mode: 11N40MIMO

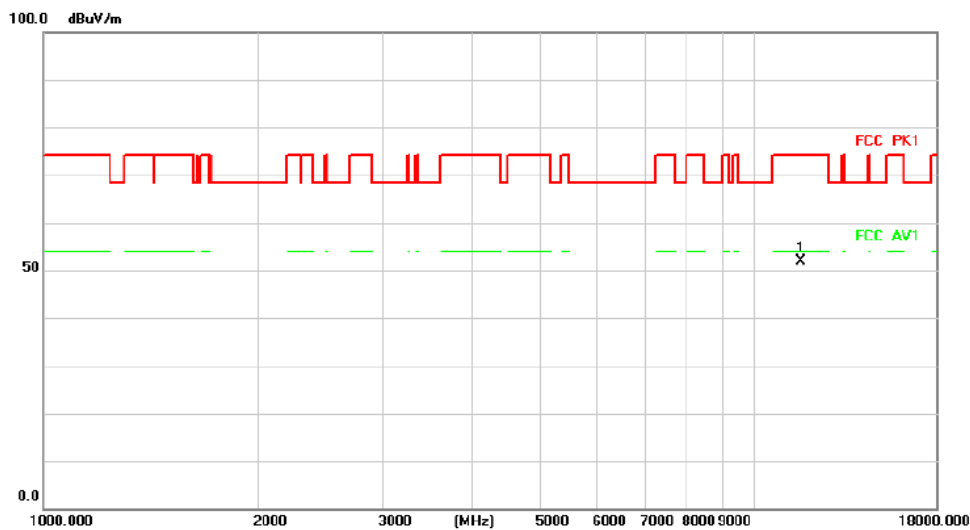
Test Channel:159

VERTICAL



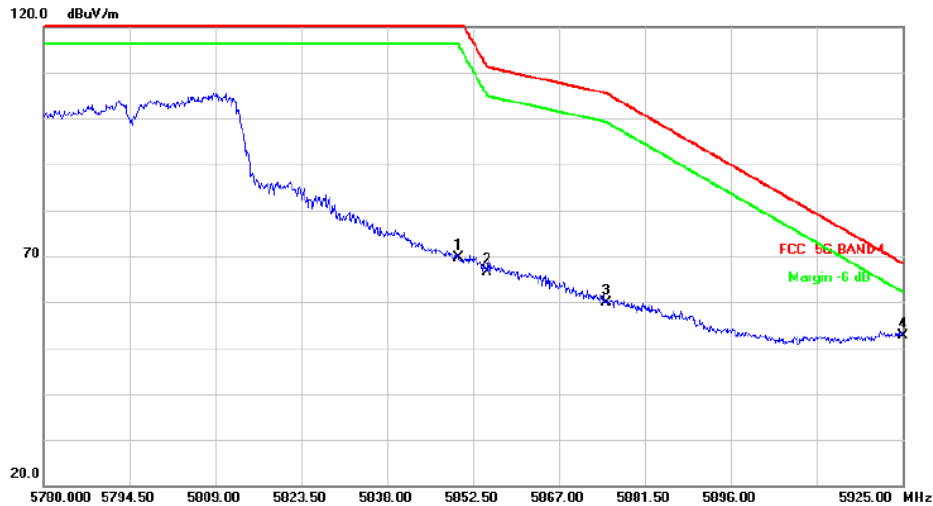
HORIZONTALA

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	Comment
1	*	11590.000	1.05	50.91	51.96	74.00	-22.04	peak		

Radiated Emission



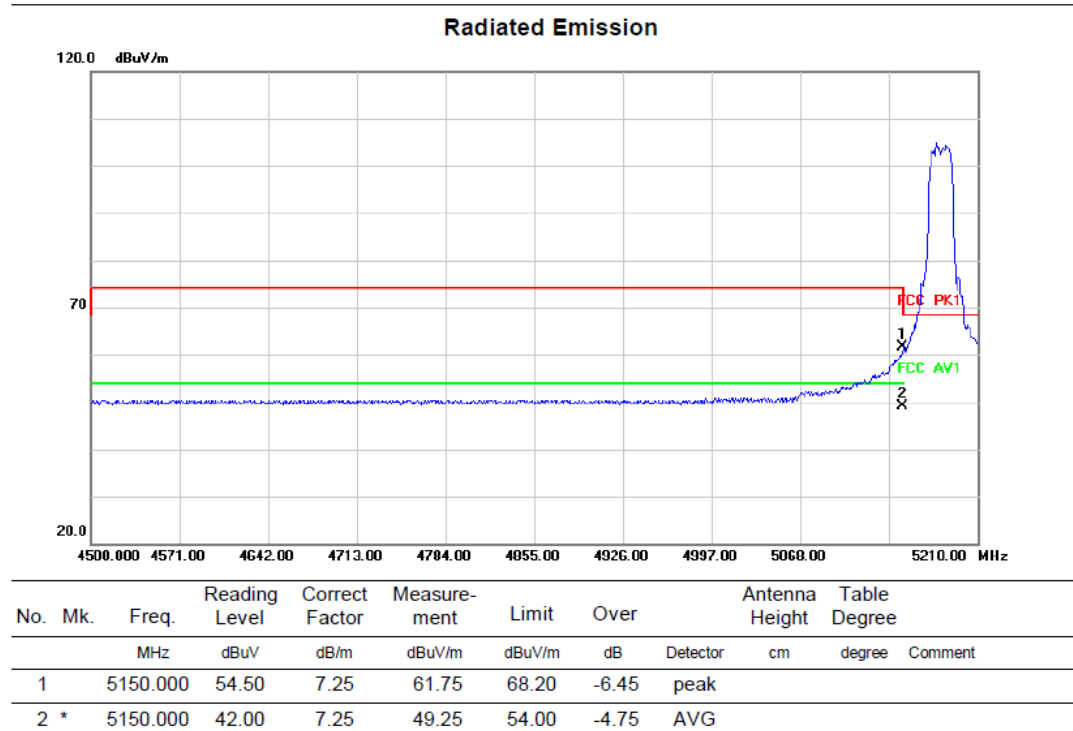
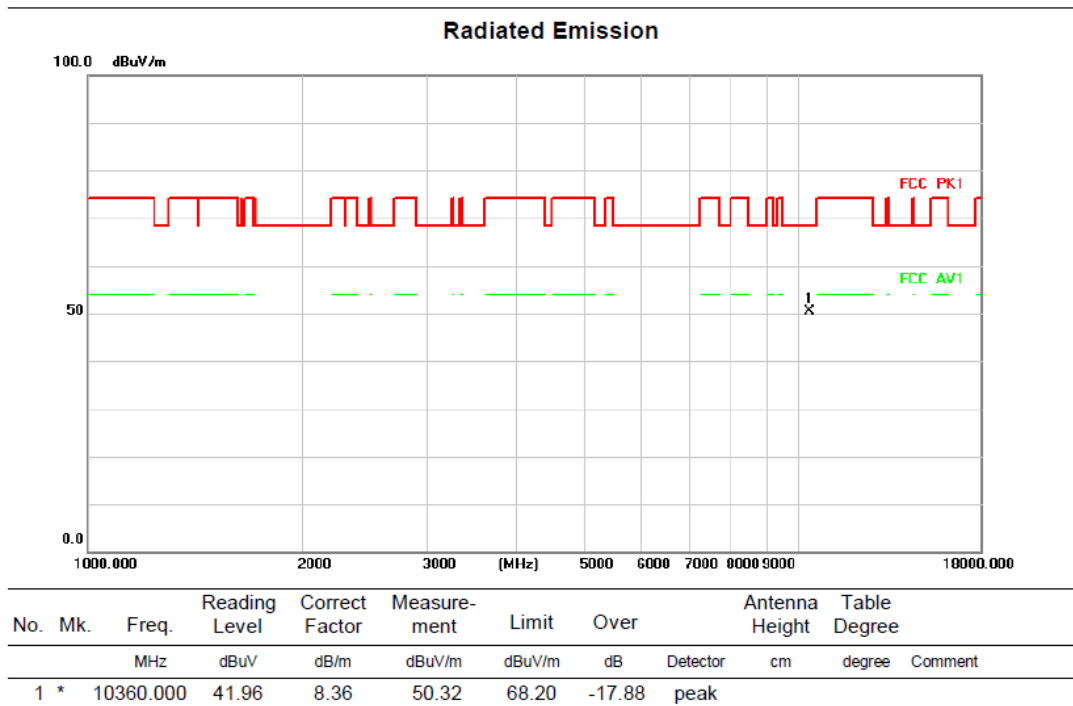
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	63.89	5.74	69.63	122.20	-52.57	peak		
2		5855.000	60.91	5.82	66.73	110.80	-44.07	peak		
3		5875.000	53.71	6.16	59.87	105.20	-45.33	peak		
4	*	5925.000	45.58	7.13	52.71	68.20	-15.49	peak		

Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

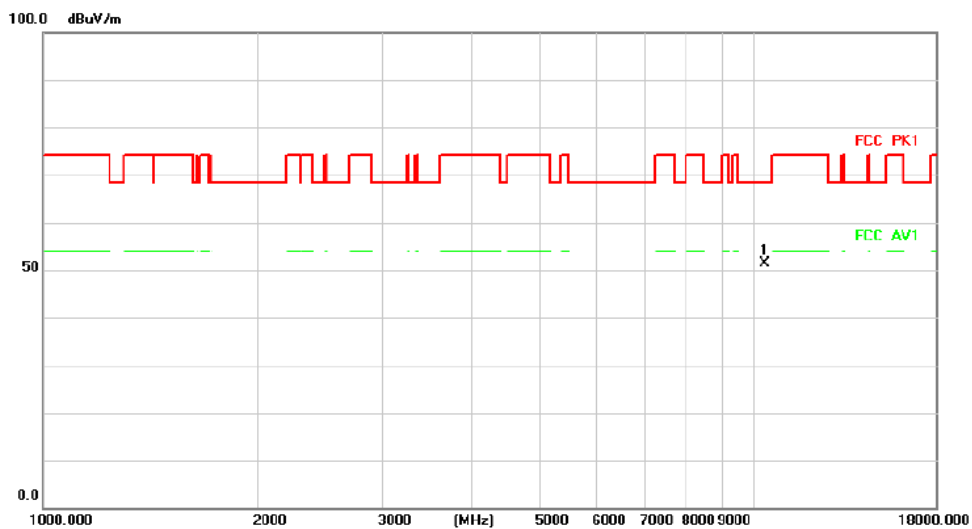
Test Channel:36

VERTICAL



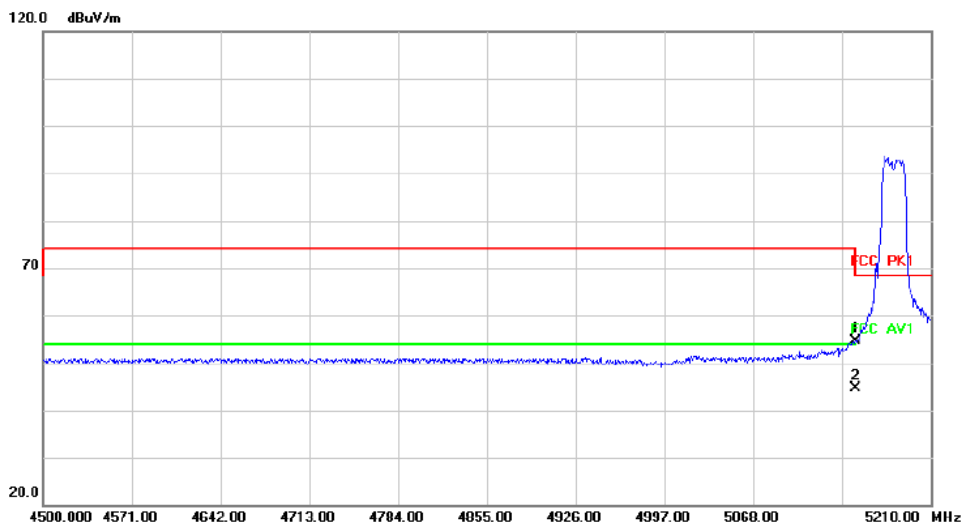
HORIZONTAL

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	43.00	8.36	51.36	68.20	-16.84	peak	

Radiated Emission



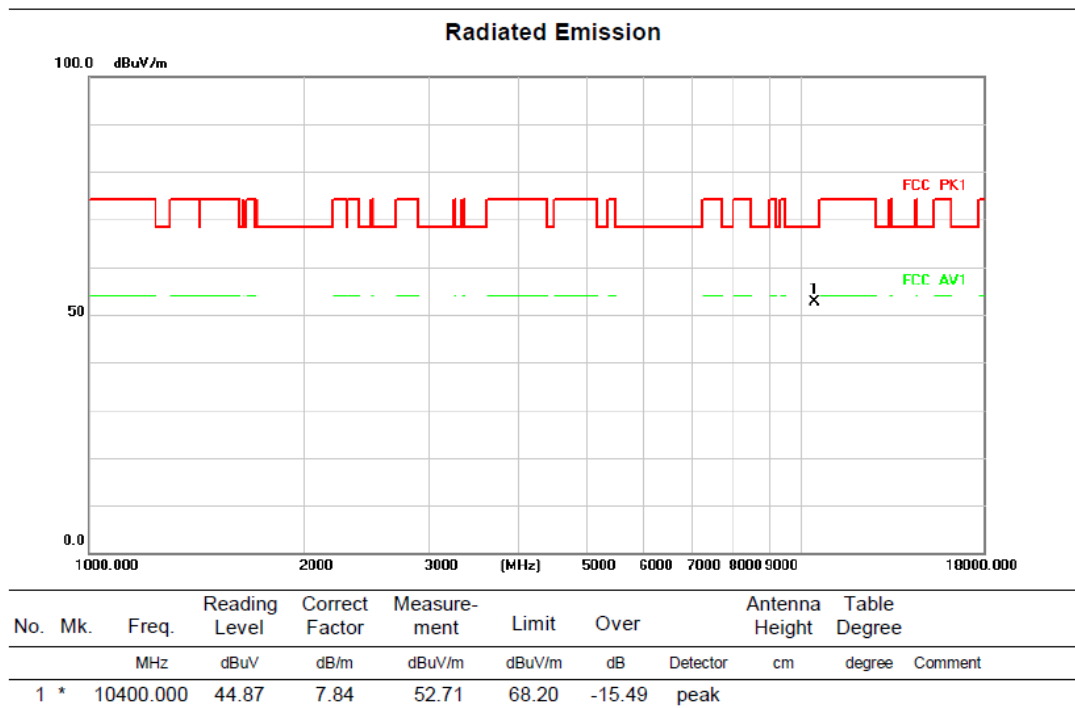
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5150.000	47.28	7.25	54.53	68.20	-13.67	peak	
2	*	5150.000	37.27	7.25	44.52	54.00	-9.48	AVG	

Above 1GHz (1GHz~18GHz)

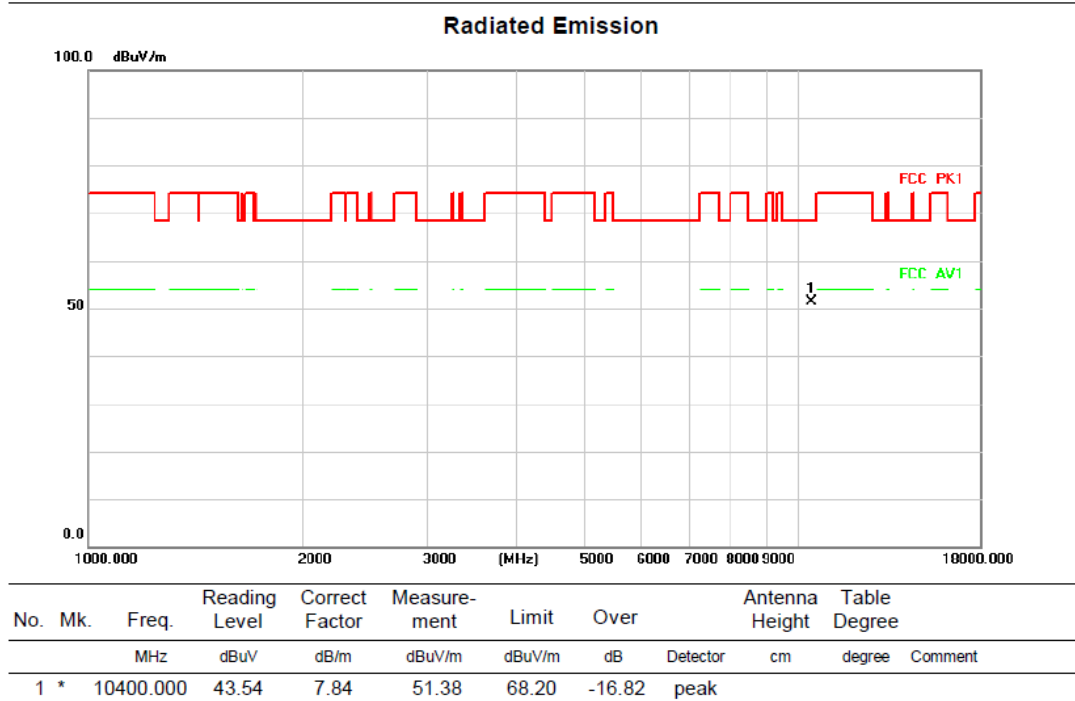
Test mode: 11AC20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

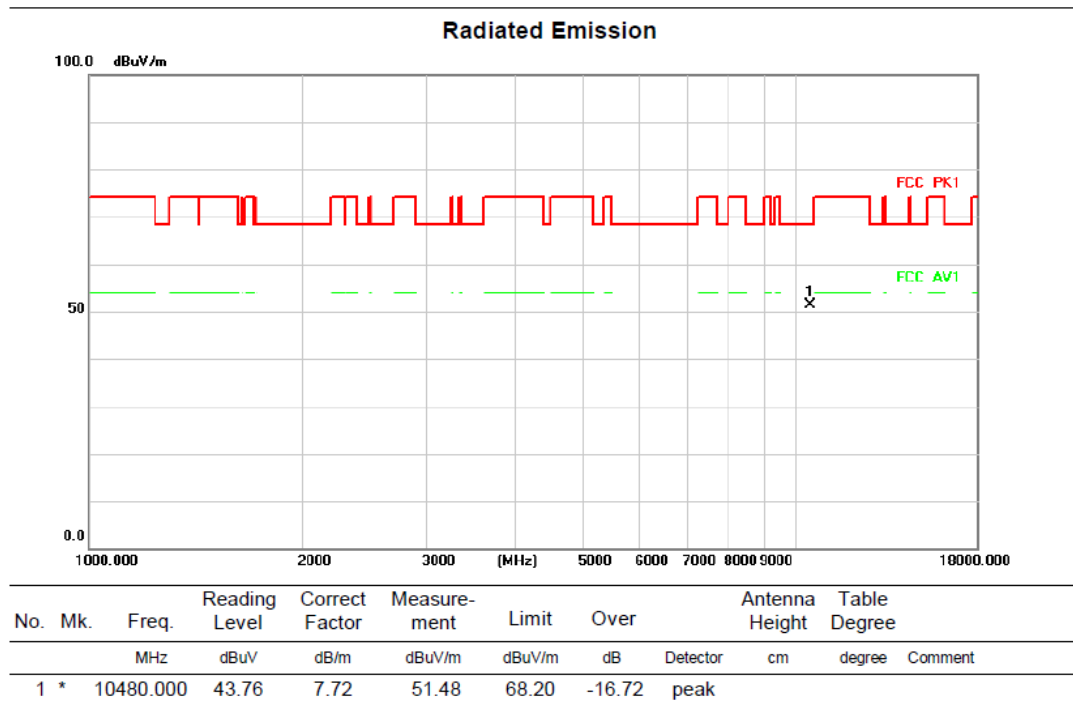


Above 1GHz (1GHz~18GHz)

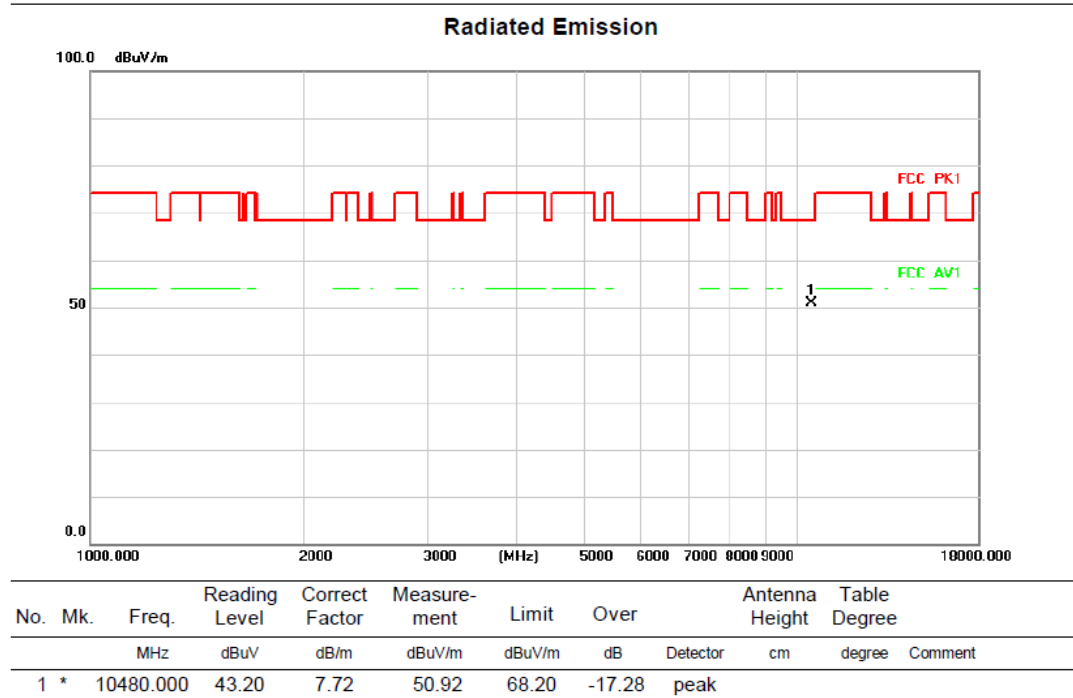
Test mode: 11AC20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

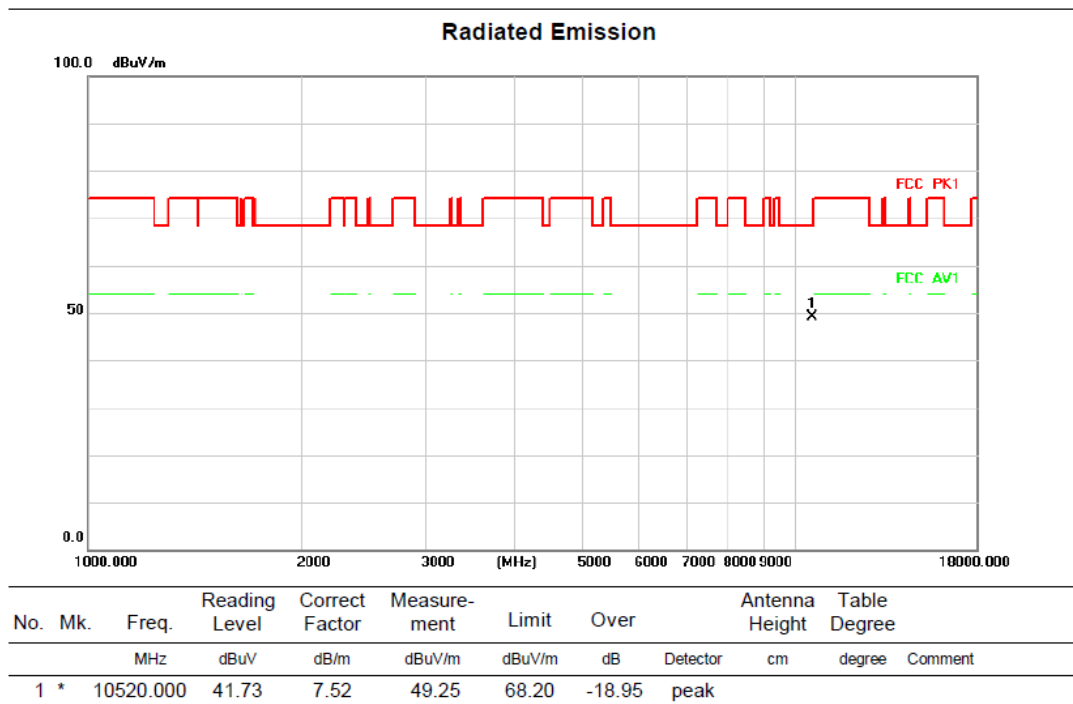


Above 1GHz (1GHz~18GHz)

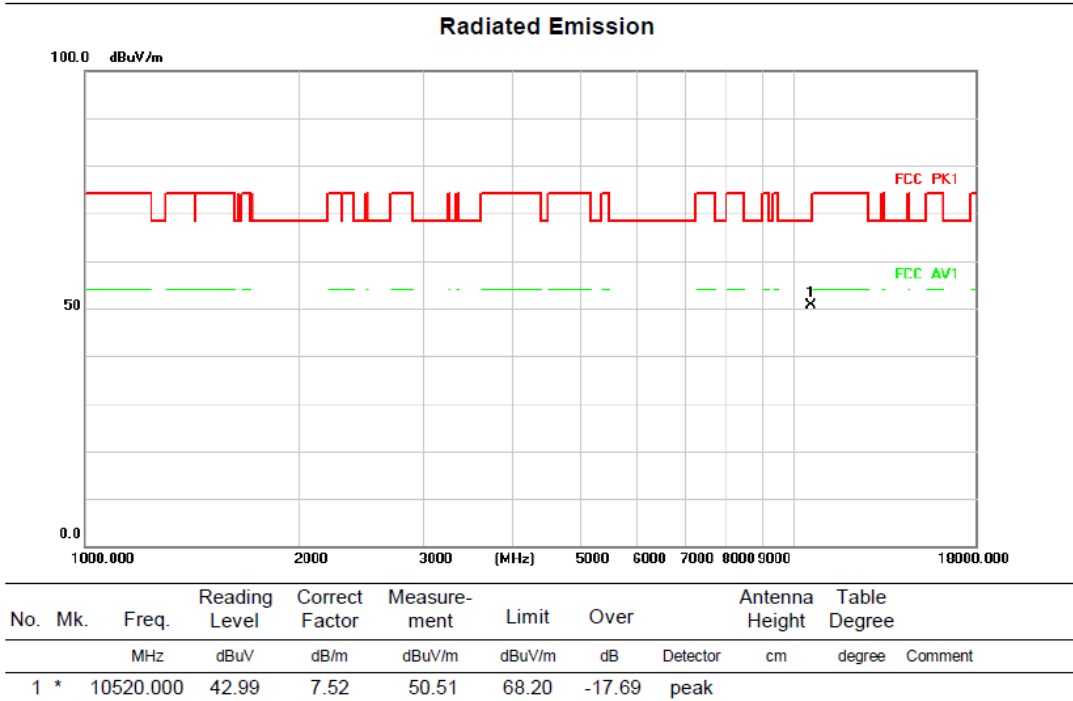
Test mode: 11AC20MIMO

Test Channel:52

VERTICAL



HORIZONTAL

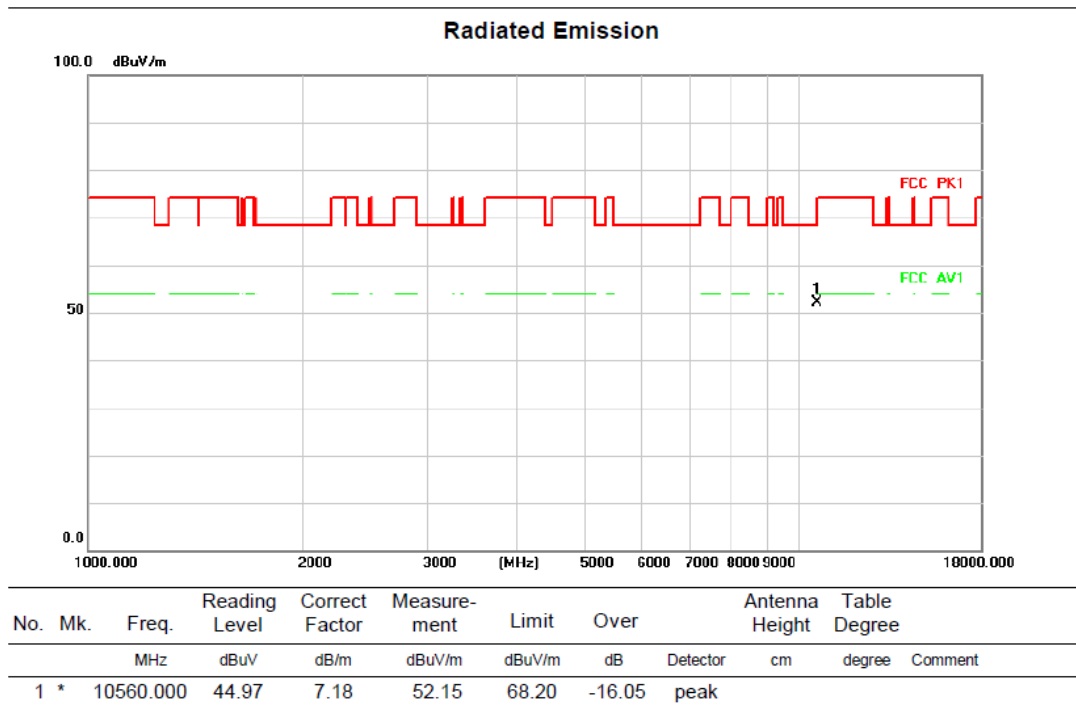


Above 1GHz (1GHz~18GHz)

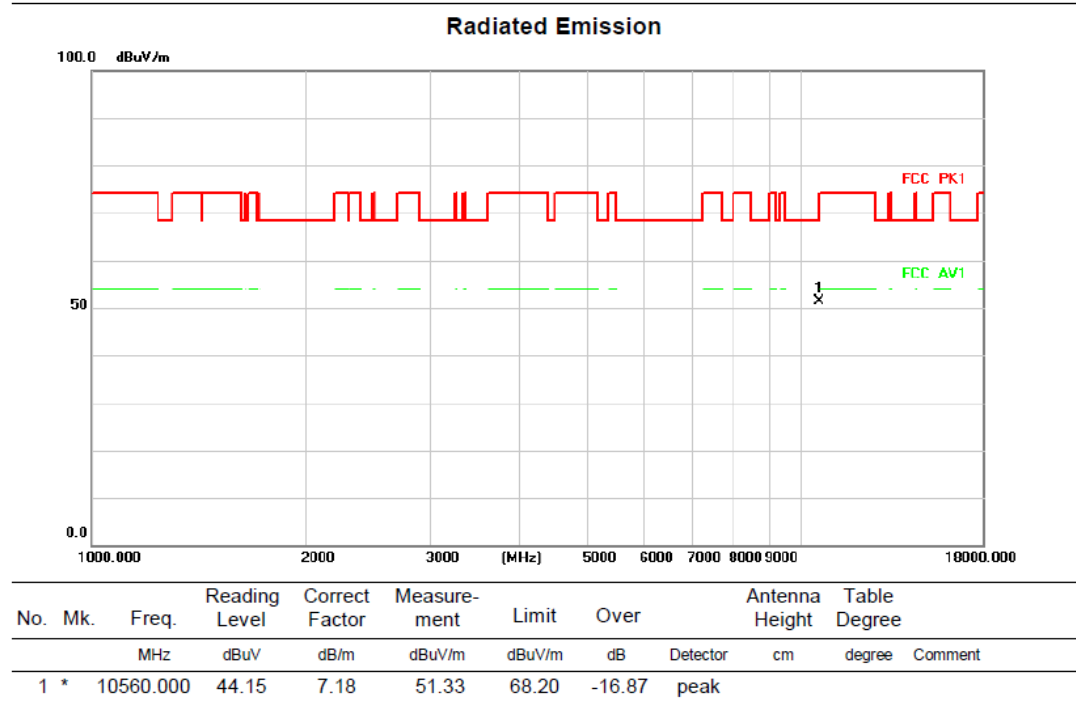
Test mode: 11AC20MIMO

Test Channel:56

VERTICAL



HORIZONTAL



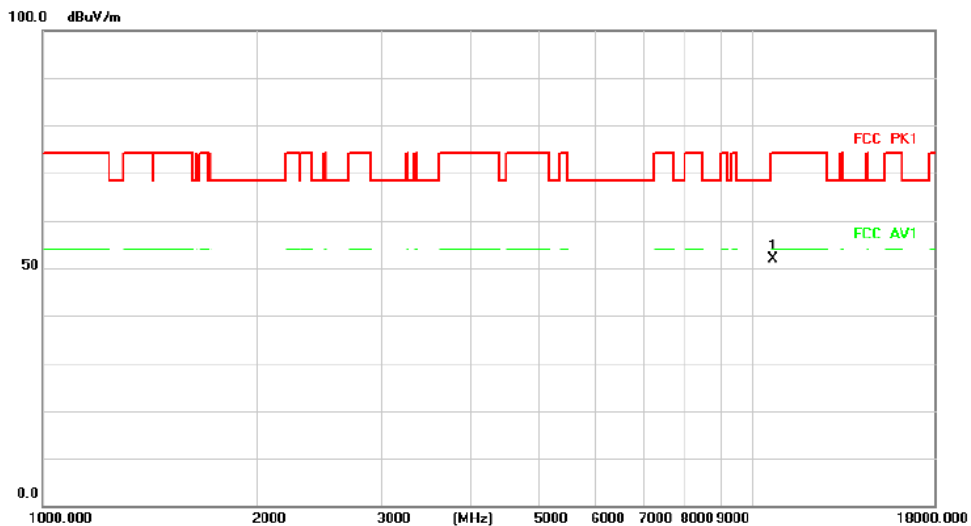
Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:64

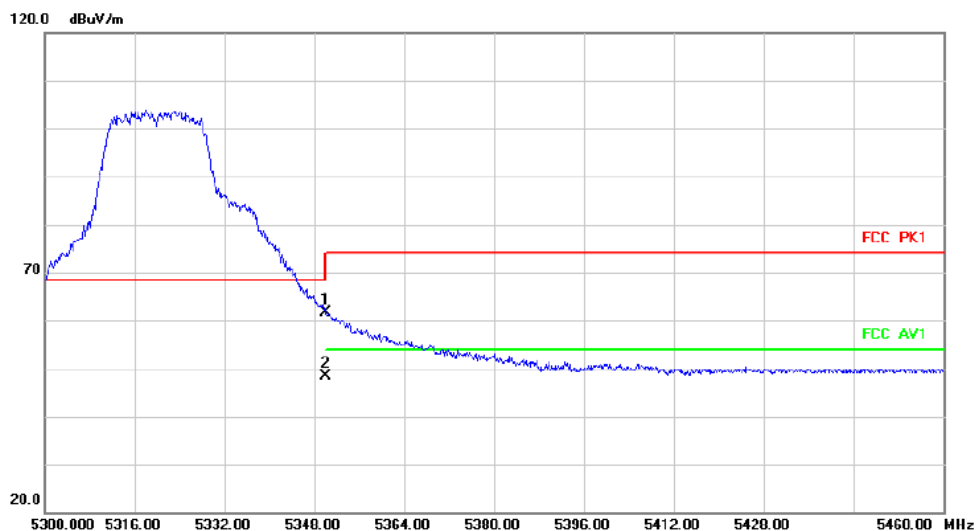
VERTICAL

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	Comment
1	*	10640.000	44.28	7.71	51.99	74.00	-22.01	peak		

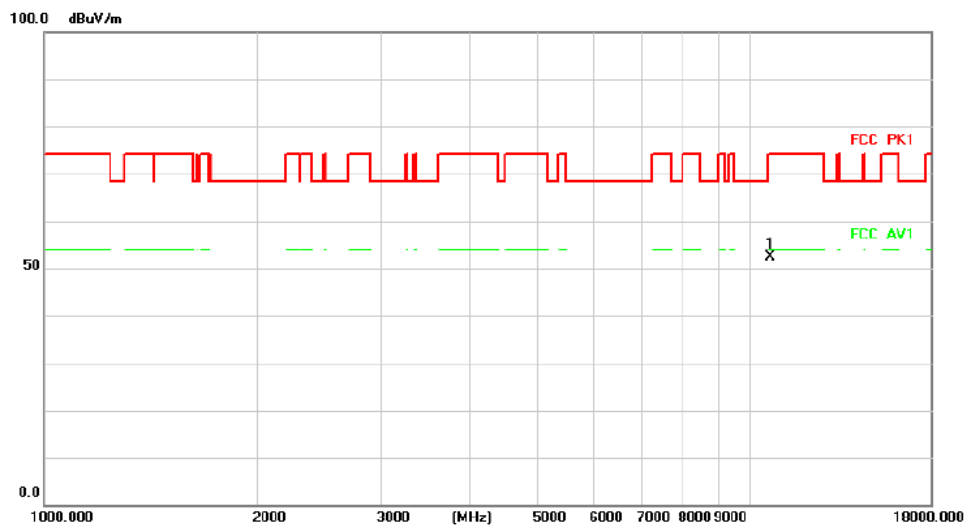
Radiated Emission



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	Comment
1		5350.000	55.15	6.40	61.55	68.20	-6.65	peak		
2	*	5350.000	42.01	6.40	48.41	54.00	-5.59	AVG		

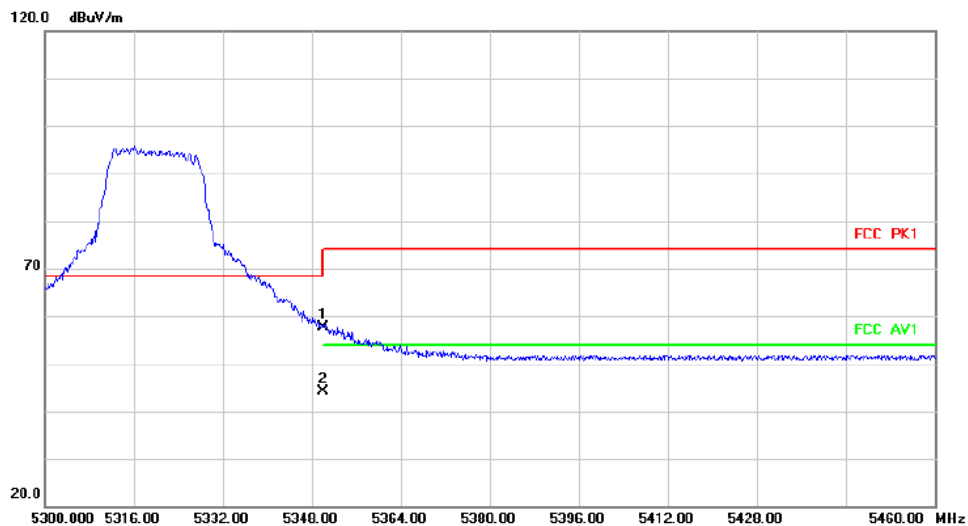
HORIZONTAL

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	Detector	cm	degree
1	*	10640.000	44.69	7.71	52.40	74.00	-21.60	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	Detector	cm	degree
1		5350.000	51.27	6.40	57.67	68.20	-10.53	peak		
2	*	5350.000	37.74	6.40	44.14	54.00	-9.86	AVG		

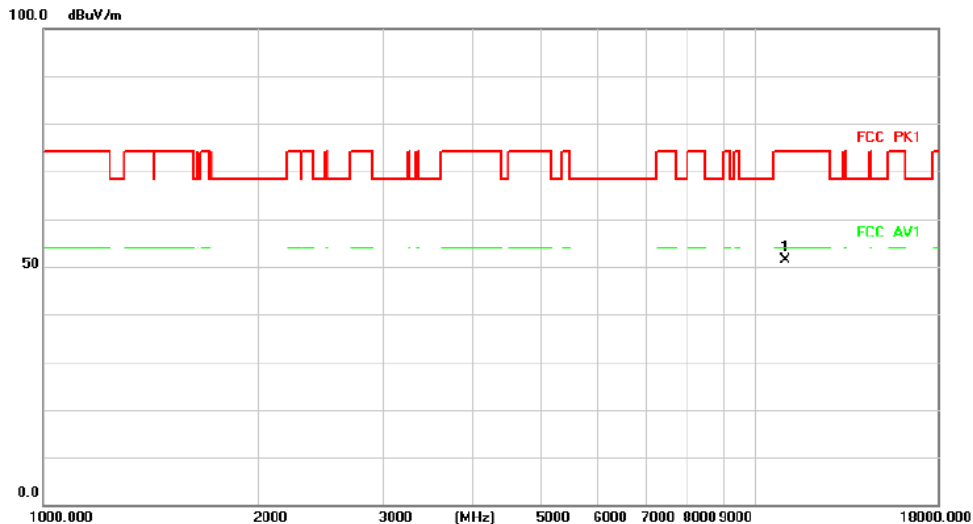
Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:100

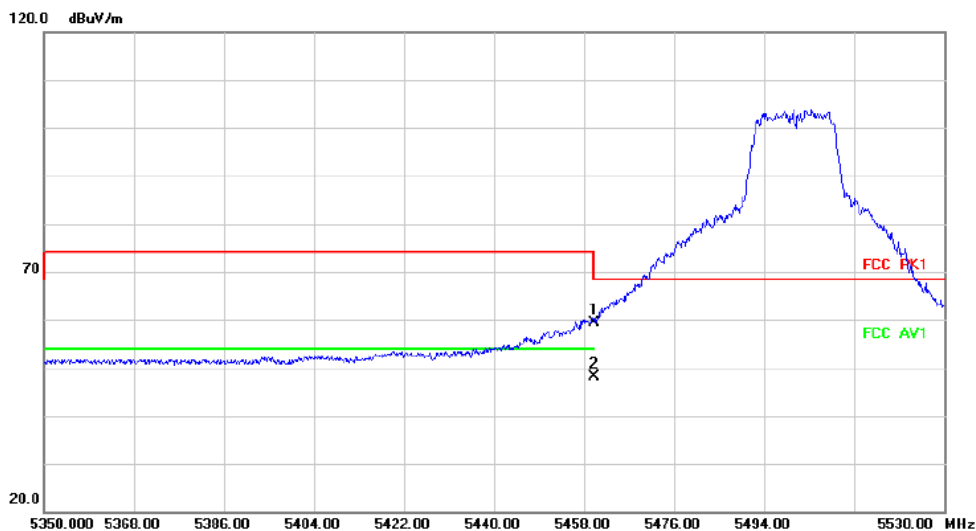
VERTICAL

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	Comment
1	*	11000.000	46.12	5.34	51.46	74.00	-22.54	peak		

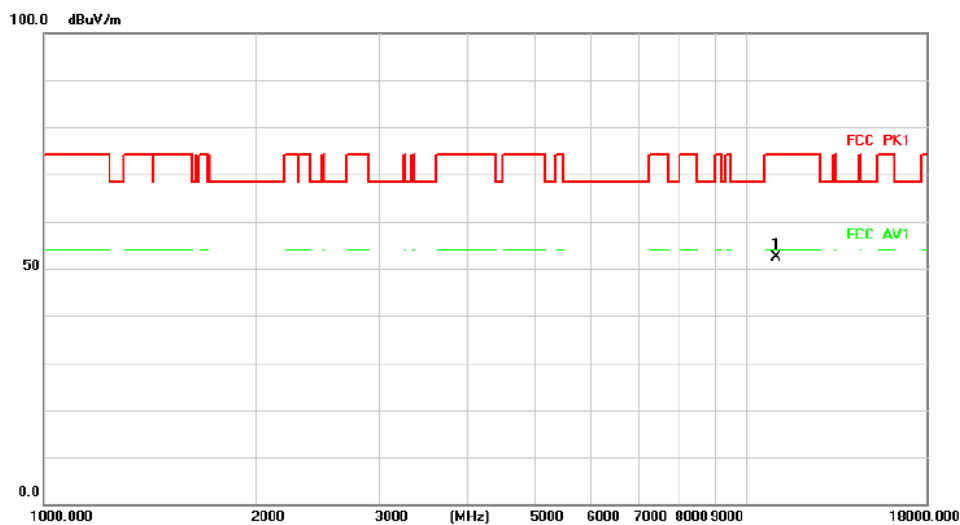
Radiated Emission



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	Comment
1		5460.000	53.00	6.31	59.31	68.20	-8.89	peak		
2	*	5460.000	41.81	6.31	48.12	54.00	-5.88	AVG		

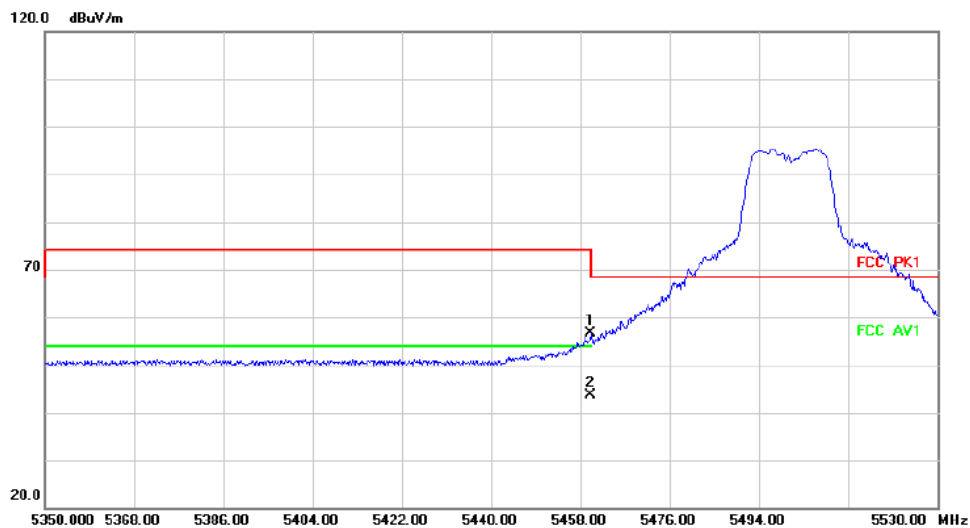
HORIZONTAL

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	Comment
1	*	11000.000	47.03	5.34	52.37	74.00	-21.63	peak		

Radiated Emission



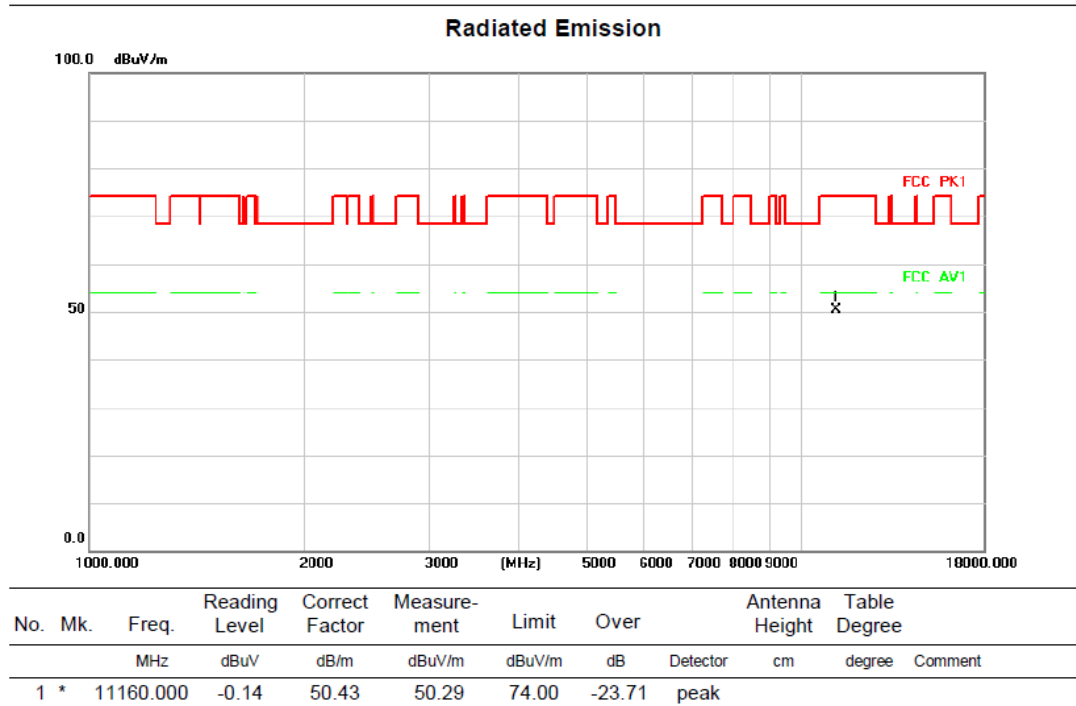
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5460.000	50.24	6.31	56.55	68.20	-11.65	peak		
2	*	5460.000	37.38	6.31	43.69	54.00	-10.31	AVG		

Above 1GHz (1GHz~18GHz)

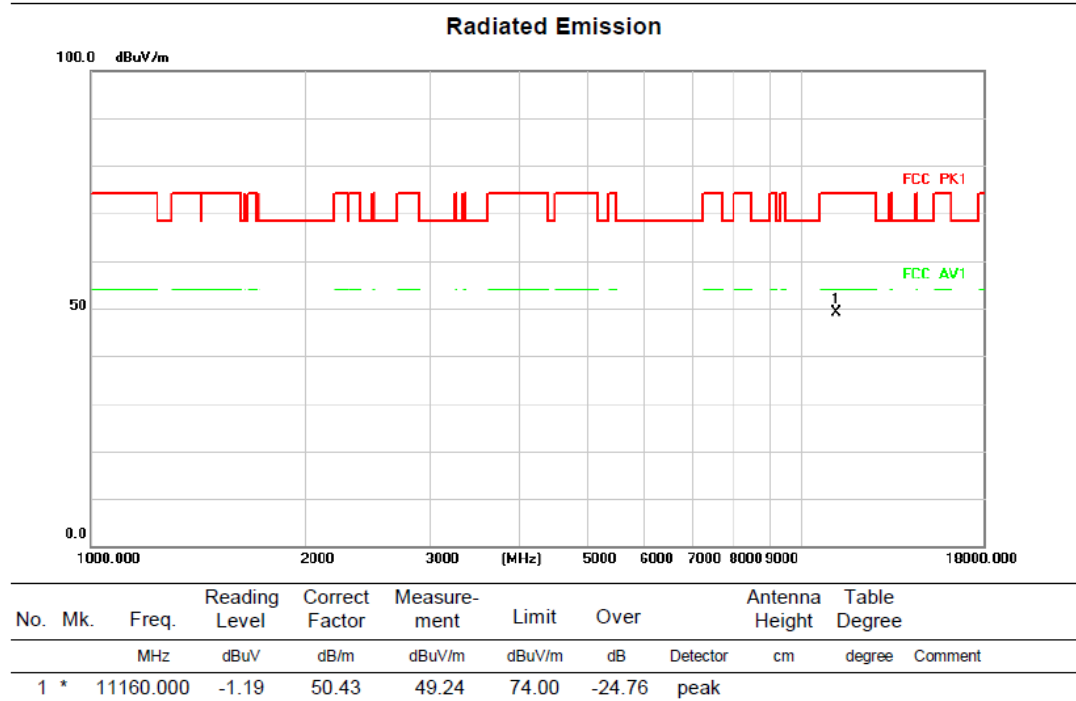
Test mode: 11AC20MIMO

Test Channel:116

VERTICAL



HORIZONTAL

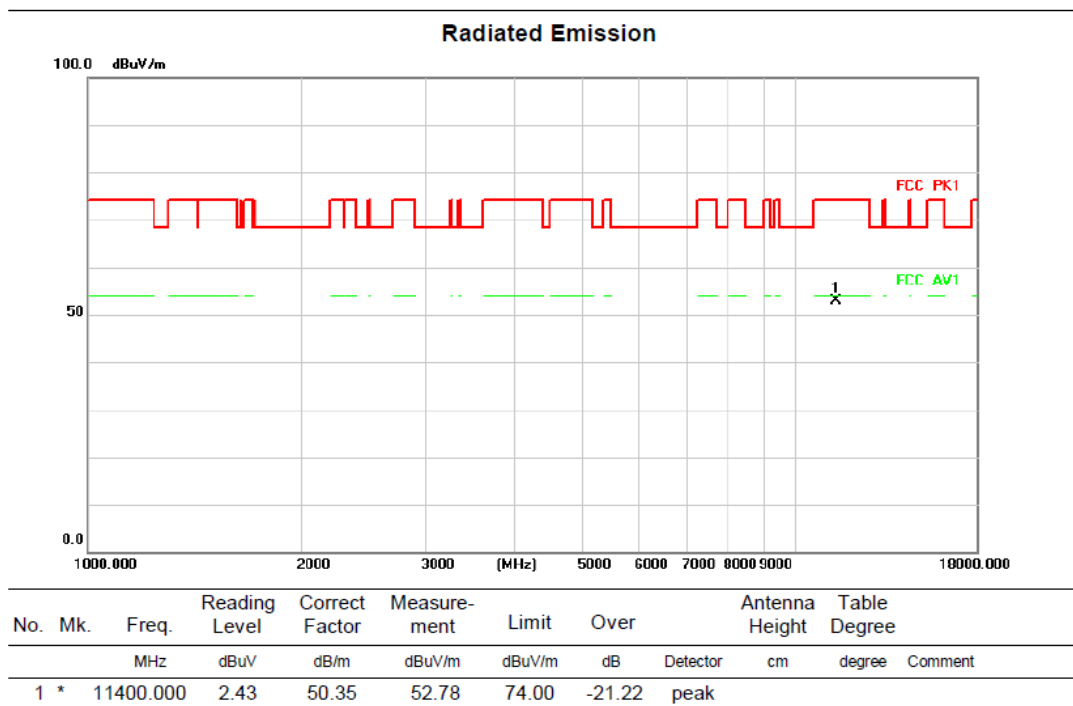


Above 1GHz (1GHz~18GHz)

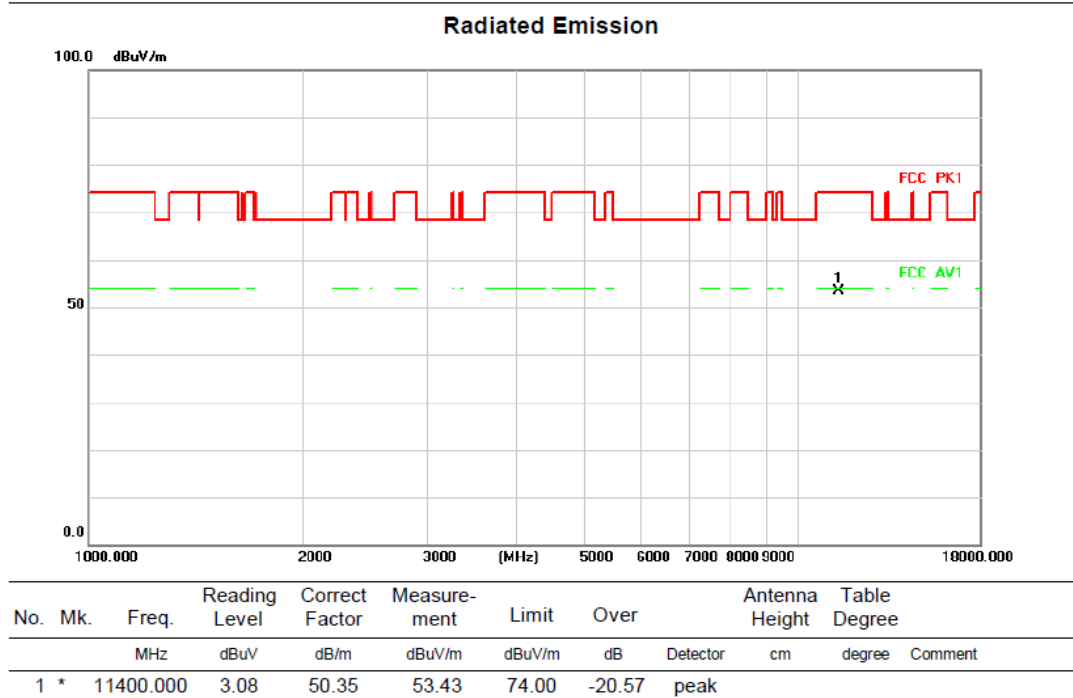
Test mode: 11AC20MIMO

Test Channel:140

VERTICAL



HORIZONTAL

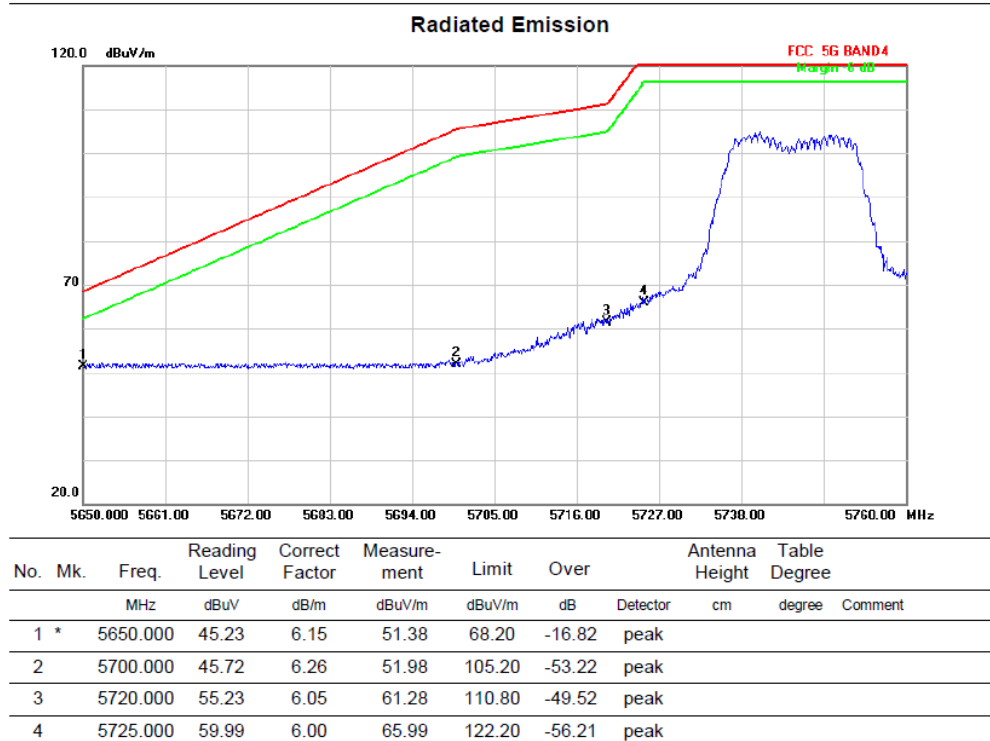
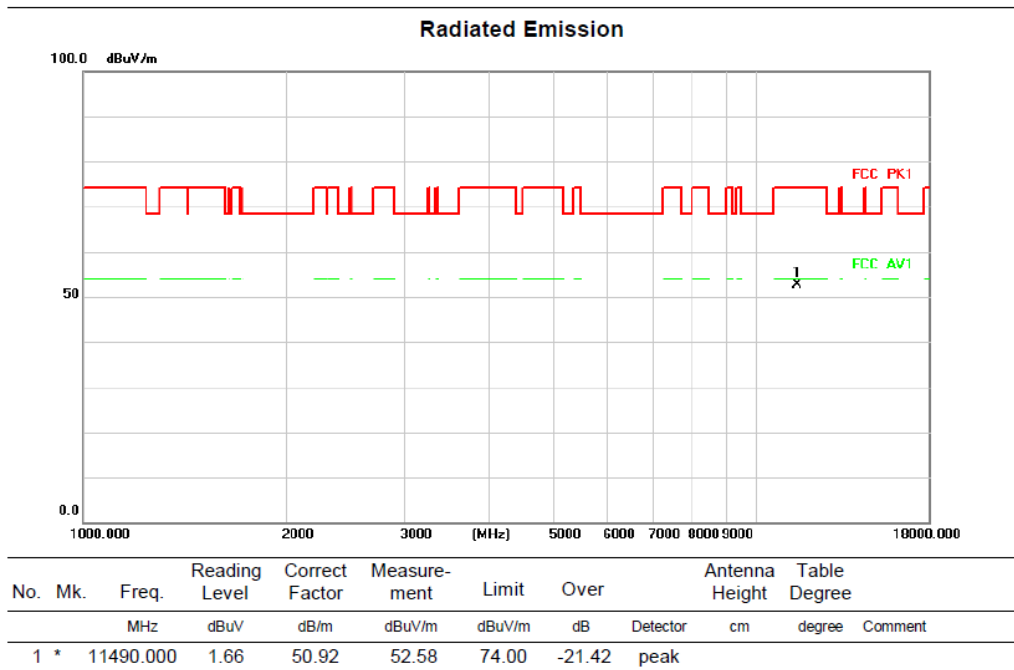


Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

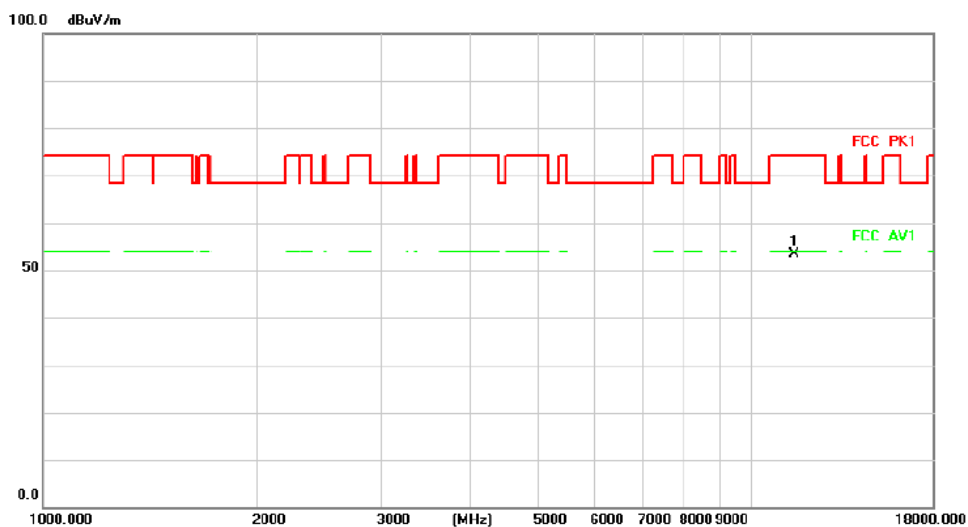
Test Channel:149

VERTICAL



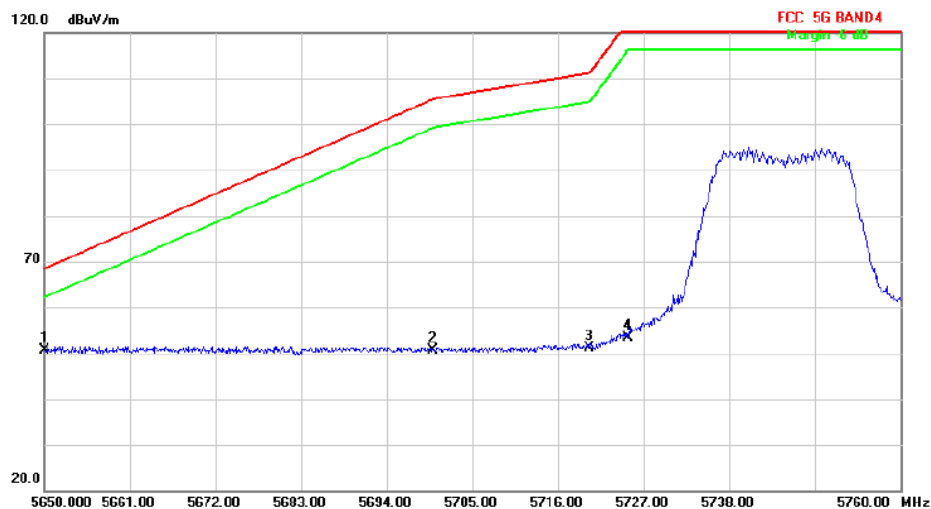
HORIZONTAL

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	2.47	50.92	53.39	74.00	-20.61	peak	

Radiated Emission



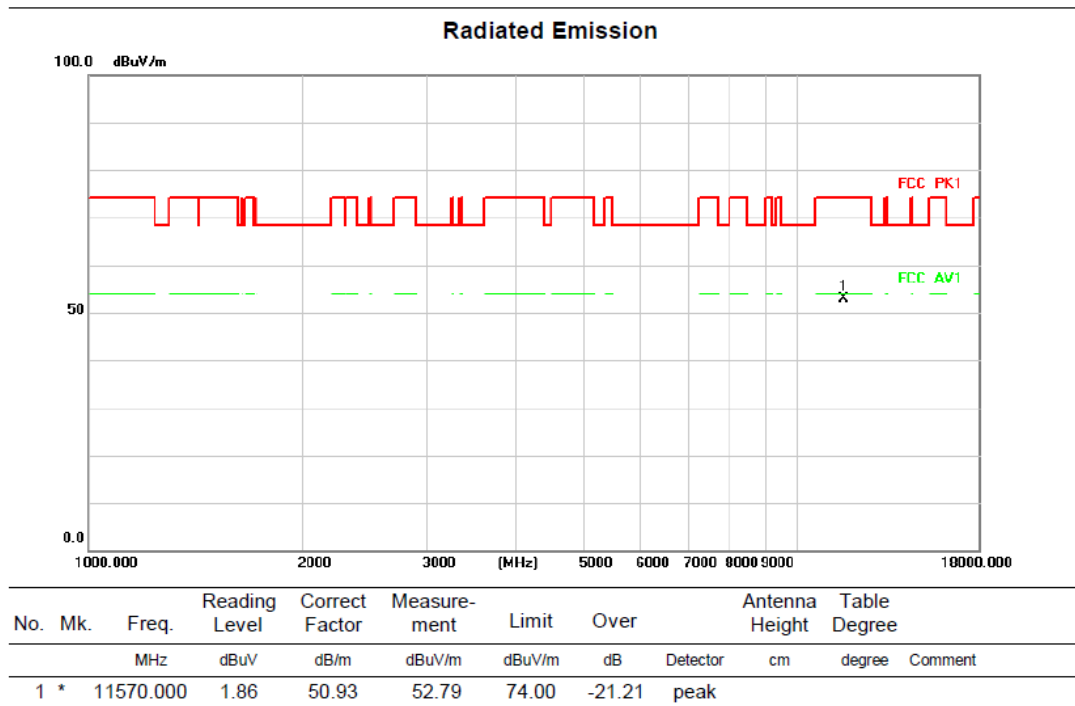
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	44.36	6.15	50.51	68.20	-17.69	peak	
2		5700.000	44.43	6.26	50.69	105.20	-54.51	peak	
3		5720.000	44.97	6.05	51.02	110.80	-59.78	peak	
4		5725.000	47.36	6.00	53.36	122.20	-68.84	peak	

Above 1GHz (1GHz~18GHz)

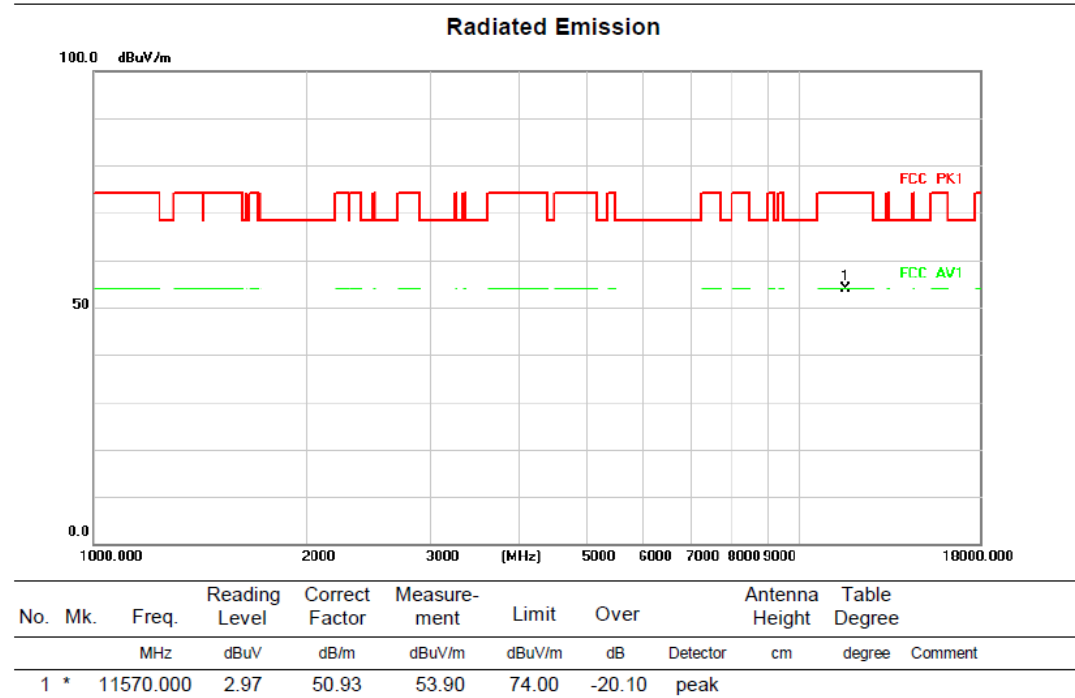
Test mode: 11AC20MIMO

Test Channel:157

VERTICAL



HORIZONTAL



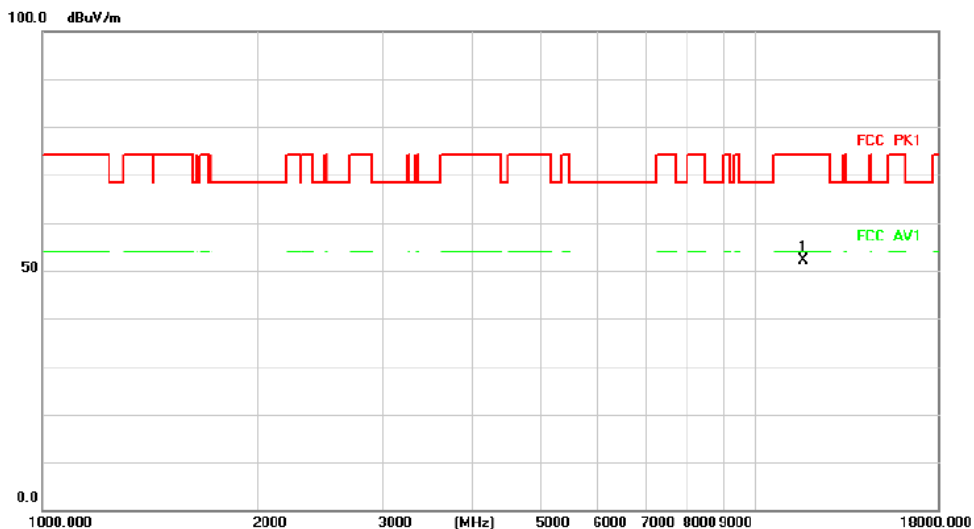
Above 1GHz (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:165

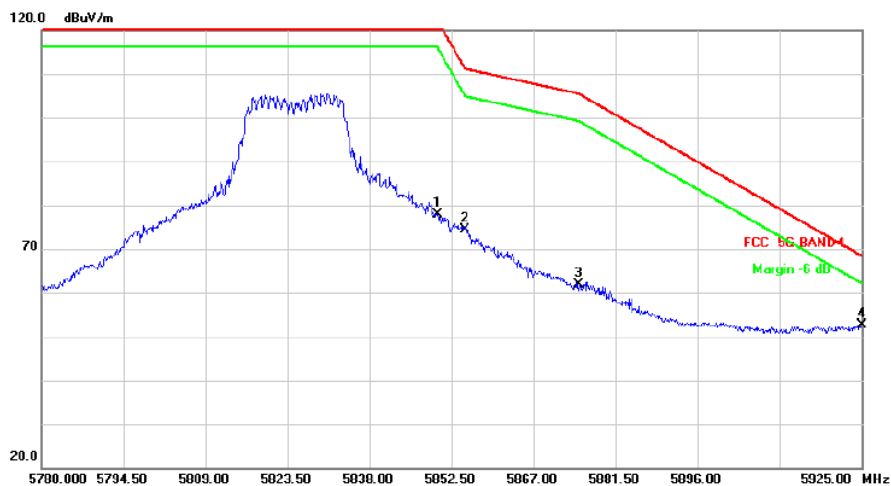
VERTICAL

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	1.20	50.92	52.12	74.00	-21.88	peak	

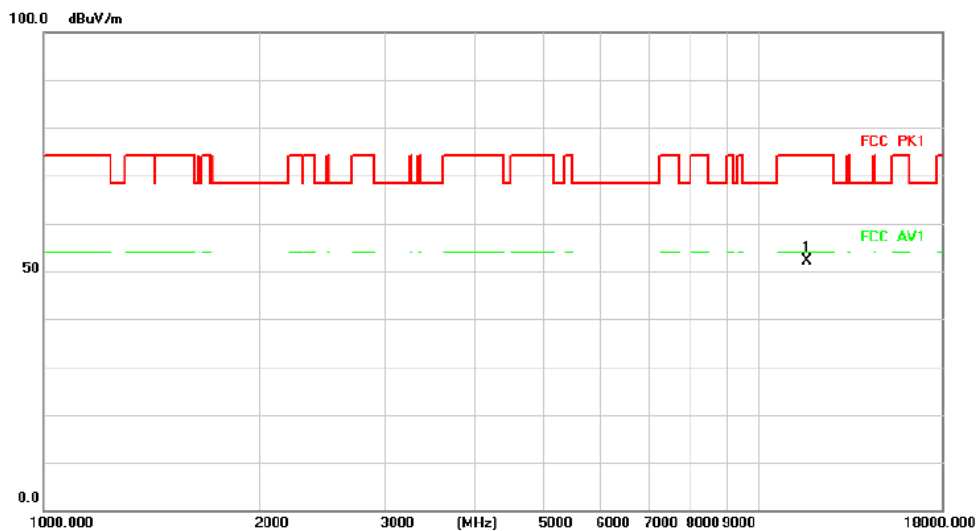
Radiated Emission



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	72.10	5.74	77.84	122.20	-44.36	peak	
2		5855.000	68.58	5.82	74.40	110.80	-36.40	peak	
3		5875.000	55.75	6.16	61.91	105.20	-43.29	peak	
4	*	5925.000	45.41	7.13	52.54	68.20	-15.66	peak	

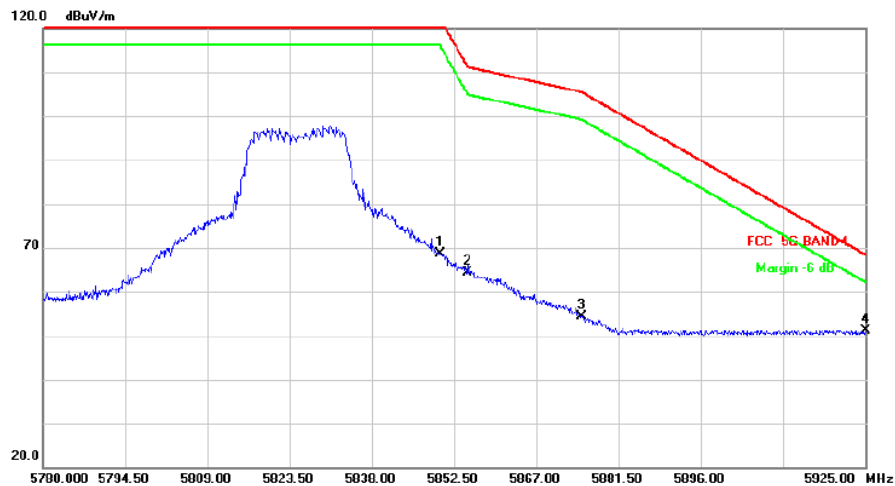
HORIZONTAL

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	*	11650.000	1.13	50.92	52.05	74.00	-21.95	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		5850.000	62.77	5.74	68.51	122.20	-53.69	peak	
2		5855.000	58.59	5.82	64.41	110.80	-46.39	peak	
3		5875.000	48.12	6.16	54.28	105.20	-50.92	peak	
4	*	5925.000	44.04	7.13	51.17	68.20	-17.03	peak	

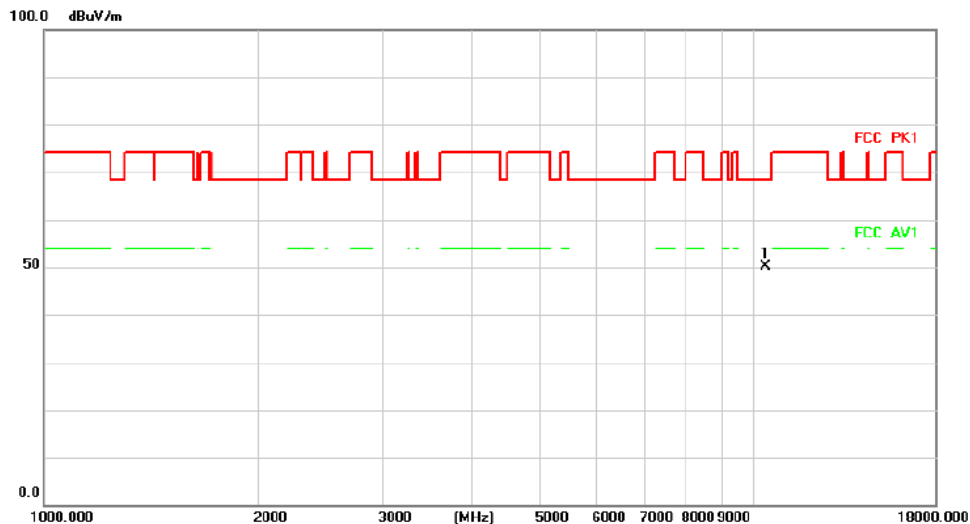
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:38

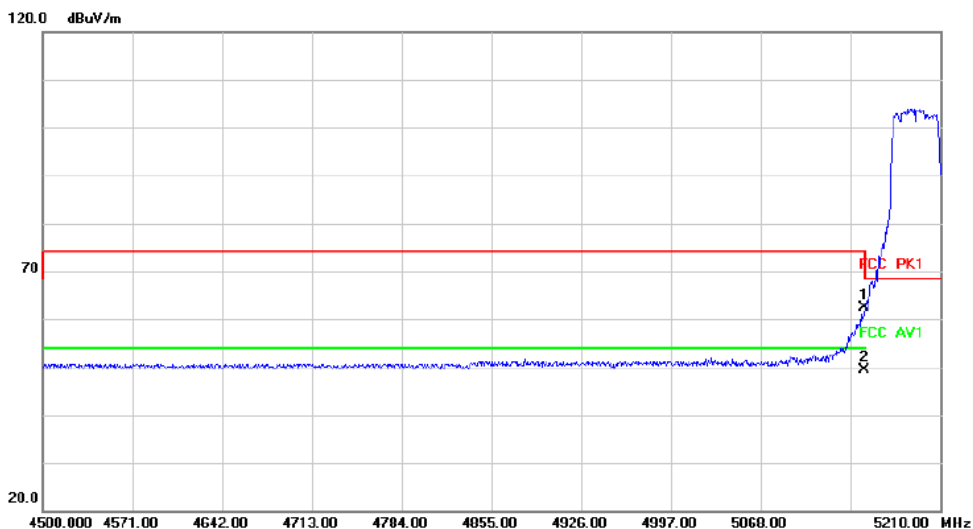
VERTICAL

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	Comment
1	*	10380.000	42.09	8.10	50.19	68.20	-18.01	peak		

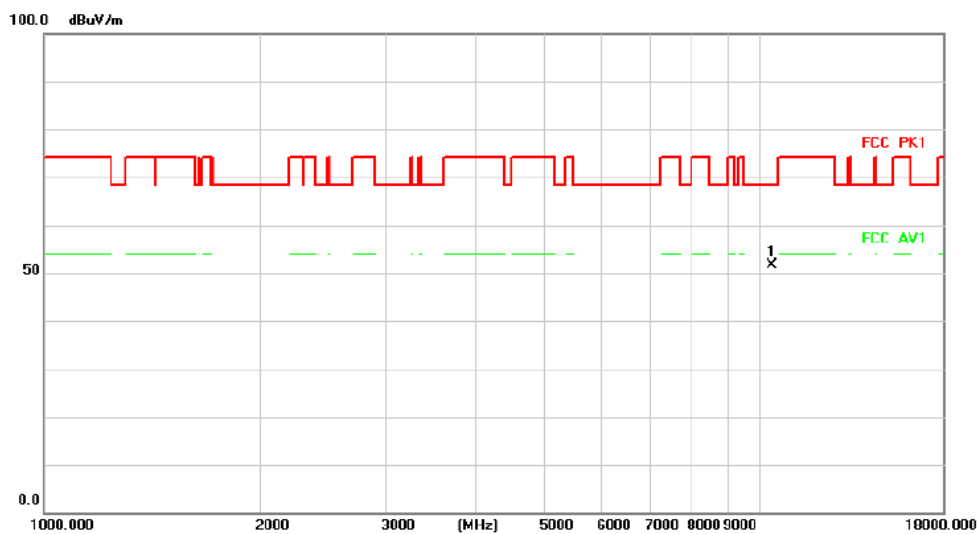
Radiated Emission



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	Comment
1		5150.000	55.20	7.25	62.45	68.20	-5.75	peak		
2	*	5150.000	42.11	7.25	49.36	54.00	-4.64	AVG		

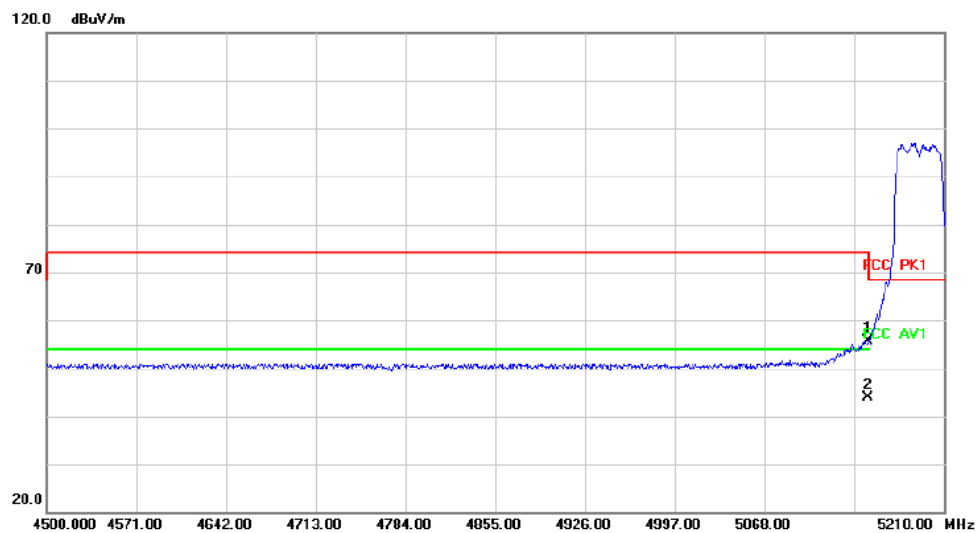
HORIZONTAL

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	43.42	8.10	51.52	68.20	-16.68	peak	

Radiated Emission



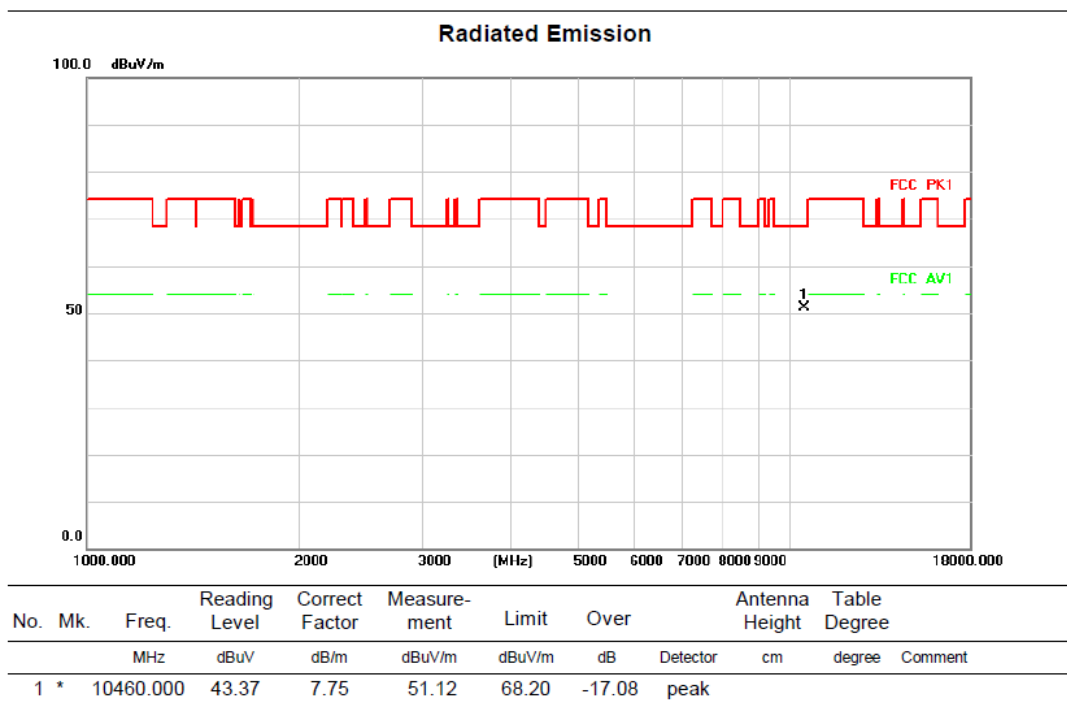
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5150.000	48.36	7.25	55.61	68.20	-12.59	peak	
2	*	5150.000	36.61	7.25	43.86	54.00	-10.14	AVG	

Above 1GHz (1GHz~18GHz)

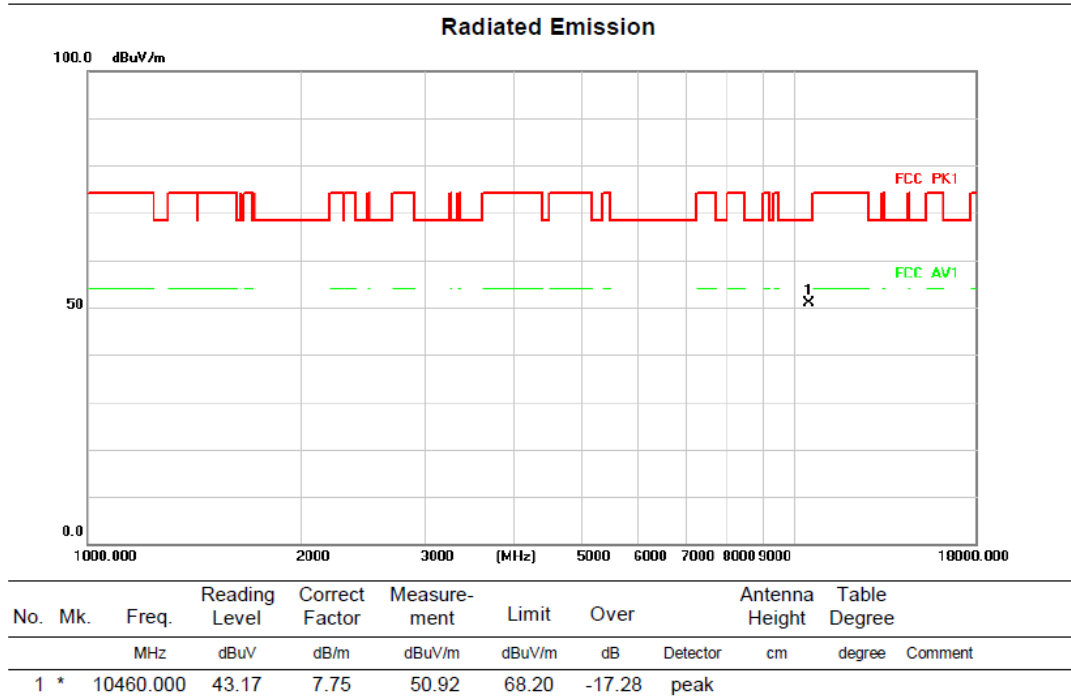
Test mode: 11AC40MIMO

Test Channel:46

VERTICAL



HORIZONTAL

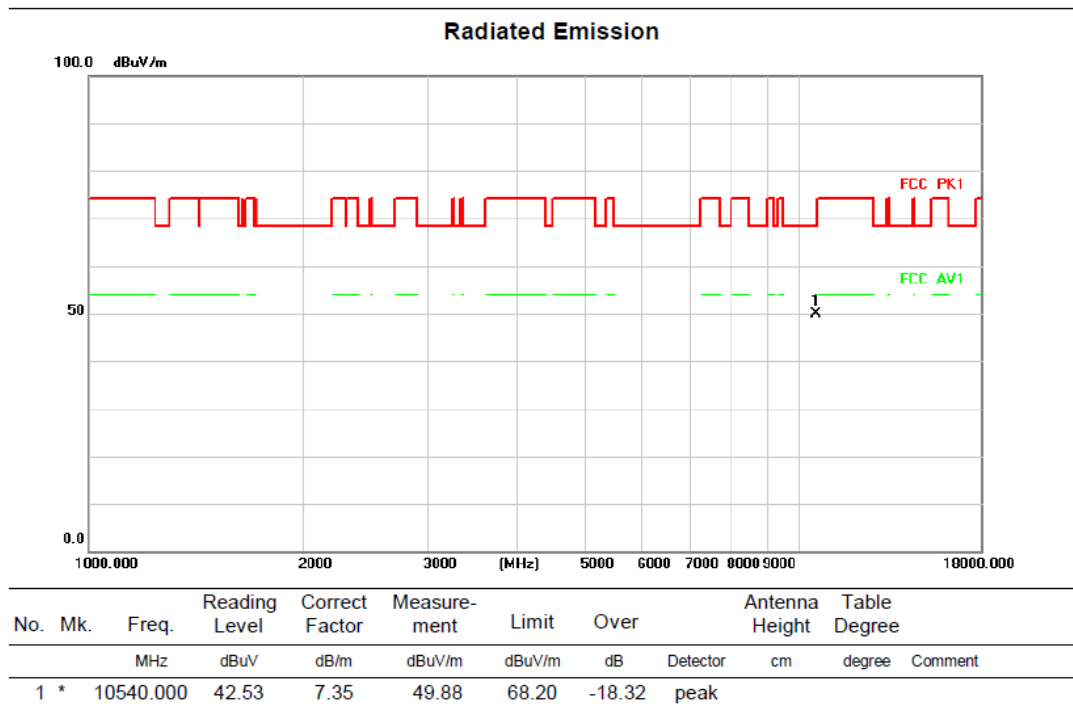


Above 1GHz (1GHz~18GHz)

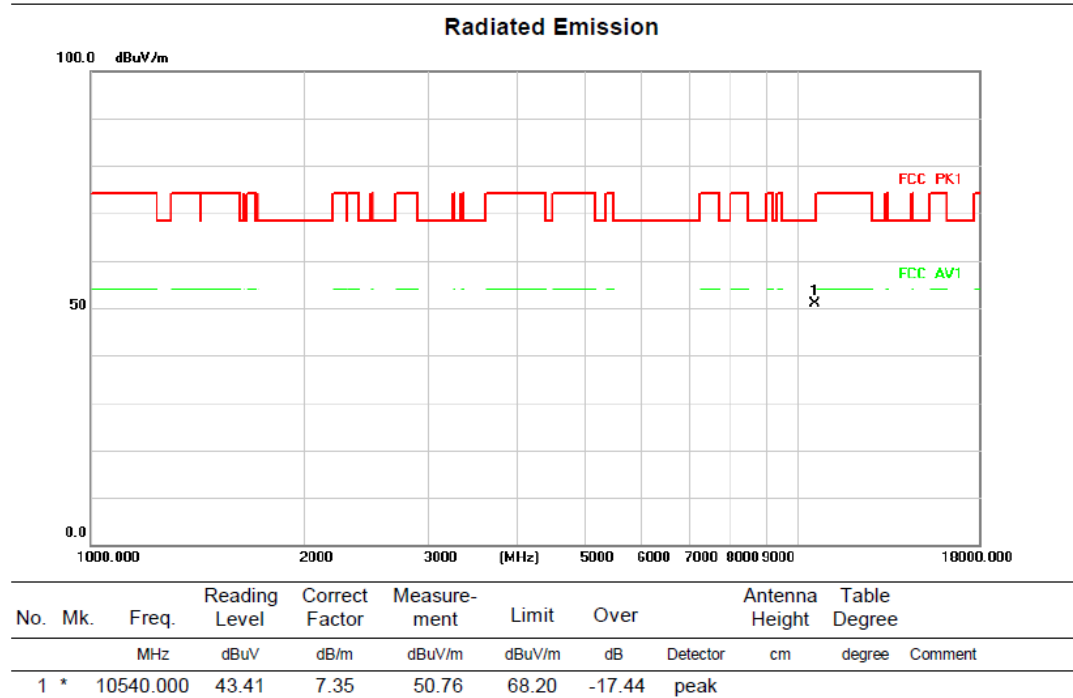
Test mode: 11AC40MIMO

Test Channel:54

VERTICAL



HORIZONTAL



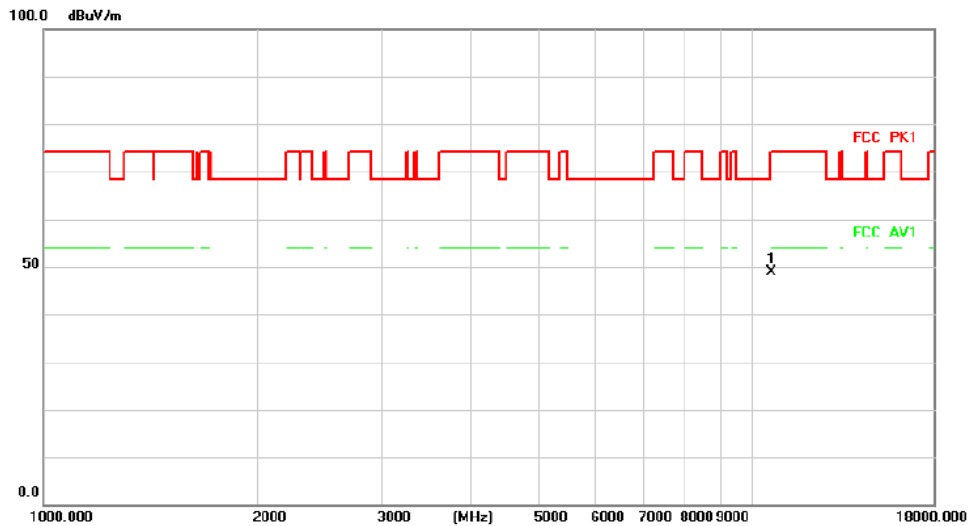
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:62

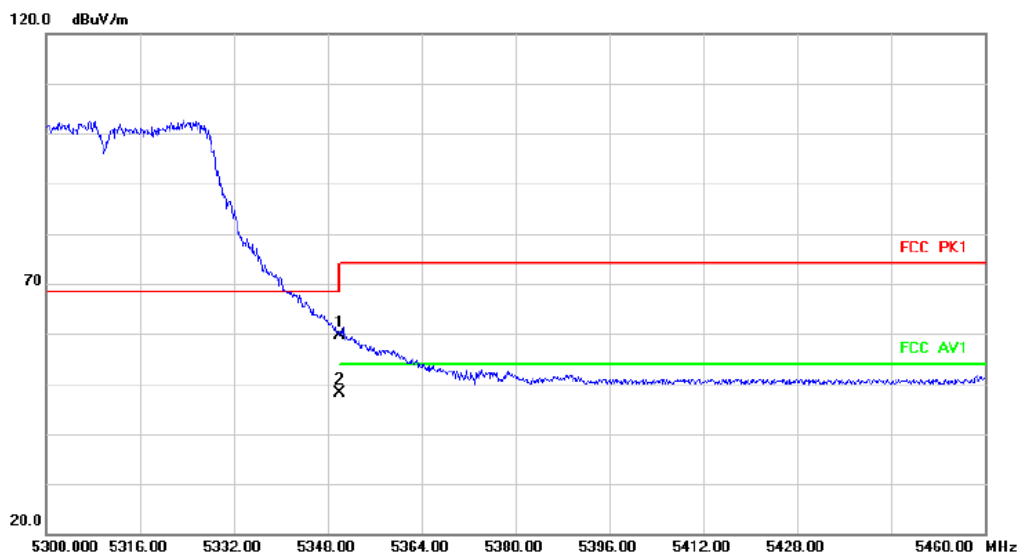
VERTICAL

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	Comment
1	*	10620.000	41.72	7.28	49.00	74.00	-25.00	peak		

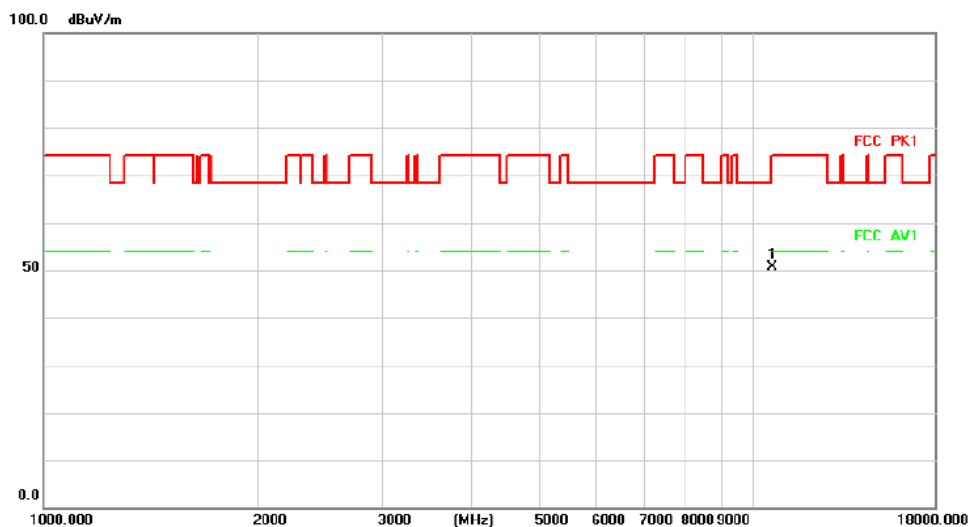
Radiated Emission



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	Comment
1		5350.000	53.25	6.40	59.65	68.20	-8.55	peak		
2	*	5350.000	41.64	6.40	48.04	54.00	-5.96	AVG		

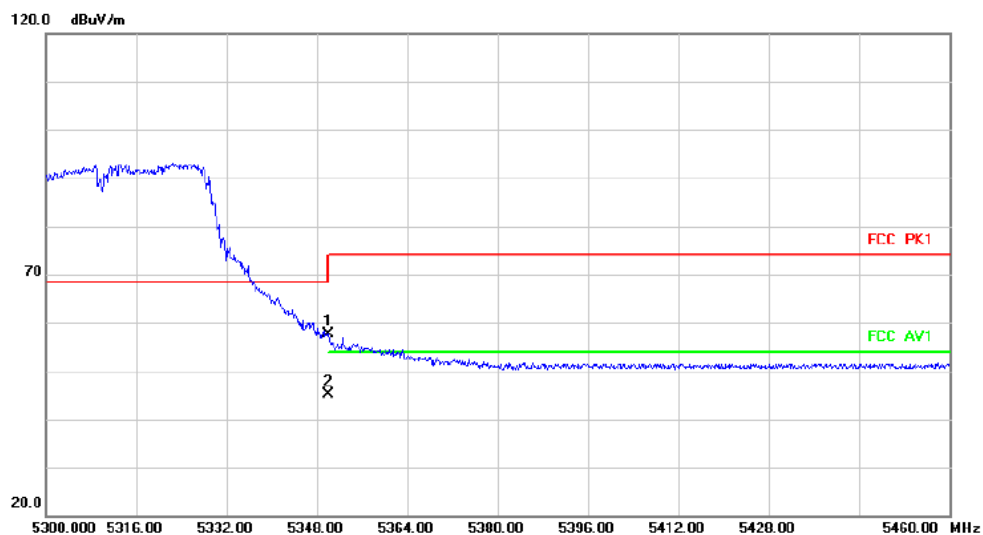
HORIZONTAL

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	Comment
1	*	10620.000	43.27	7.28	50.55	74.00	-23.45	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	Comment
1		5350.000	51.28	6.40	57.68	68.20	-10.52	peak		
2	*	5350.000	38.74	6.40	45.14	54.00	-8.86	AVG		

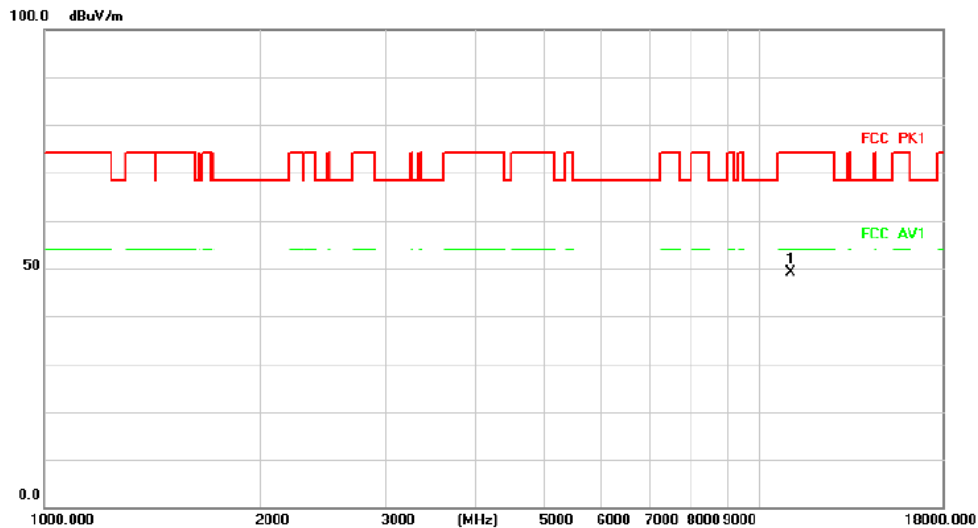
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:102

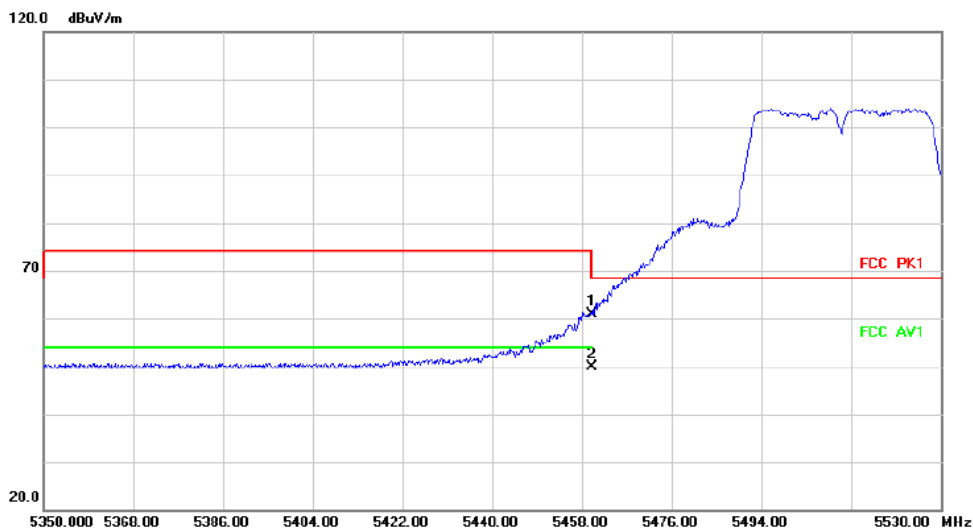
VERTICAL

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	Comment
1	*	11020.000	43.59	5.53	49.12	74.00	-24.88	peak		

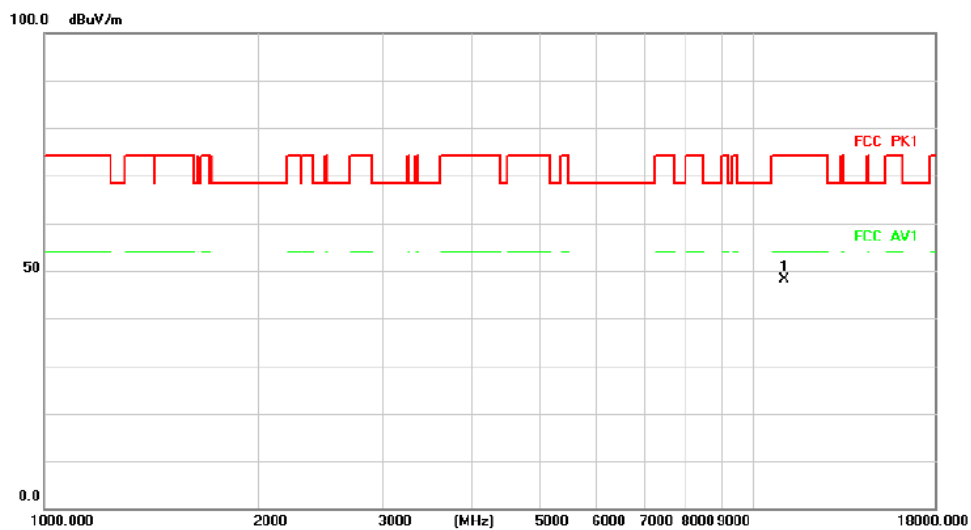
Radiated Emission



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	Comment
1		5460.000	54.48	6.31	60.79	68.20	-7.41	peak		
2	*	5460.000	43.50	6.31	49.81	54.00	-4.19	AVG		

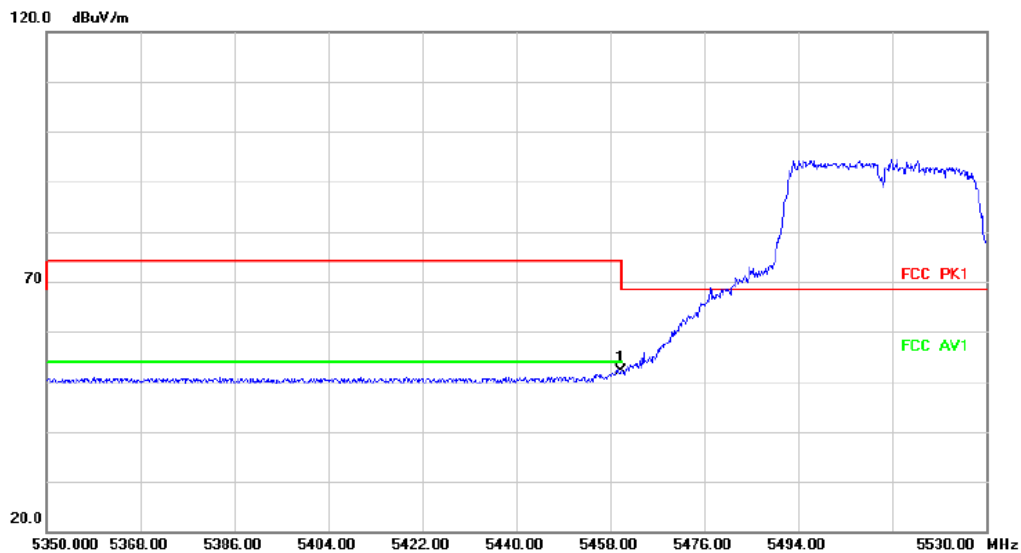
HORIZONTAL

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	Comment
1	*	11020.000	42.55	5.53	48.08	74.00	-25.92	peak		

Radiated Emission



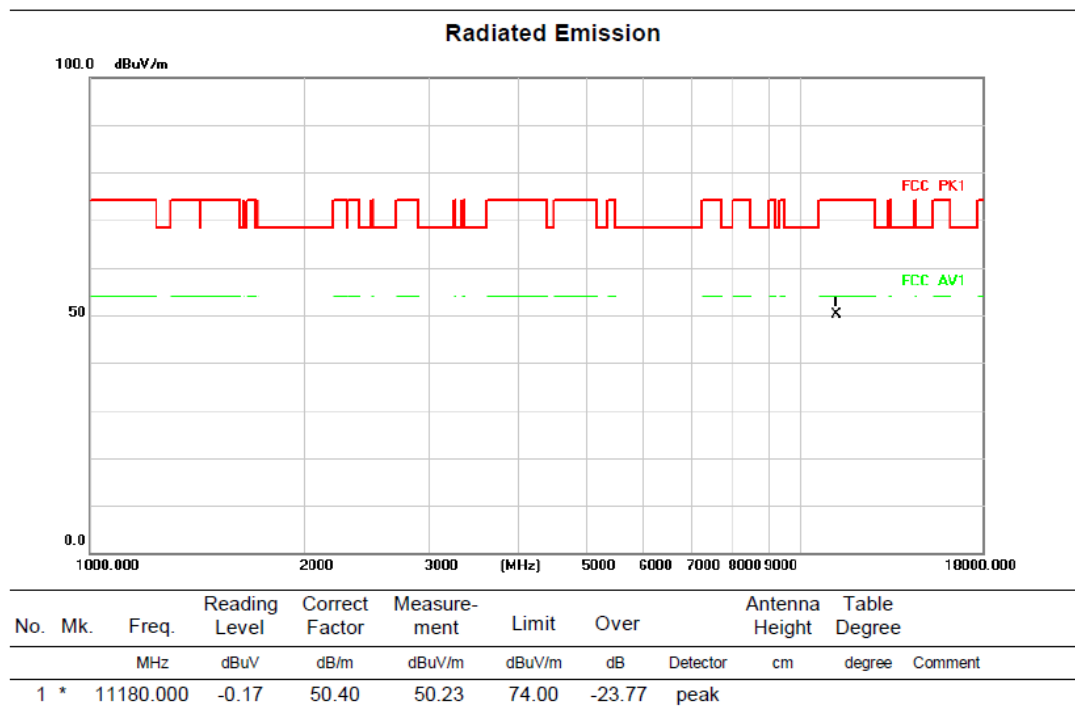
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5460.000	45.71	6.31	52.02	68.20	-16.18	peak		

Above 1GHz (1GHz~18GHz)

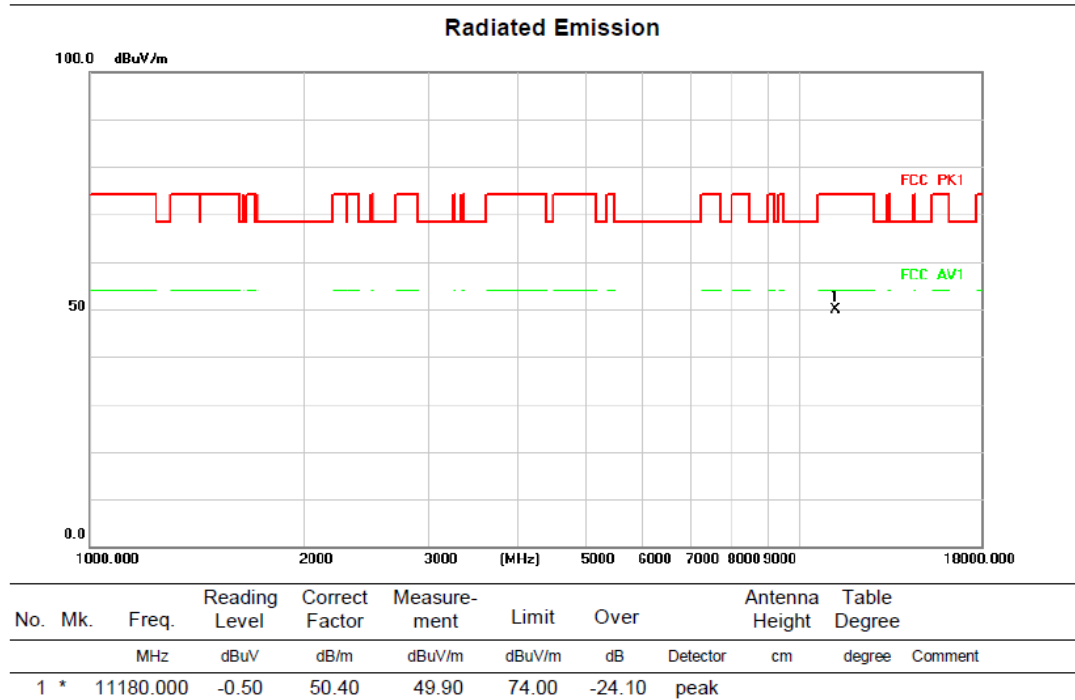
Test mode: 11AC40MIMO

Test Channel:118

VERTICAL



HORIZONTAL

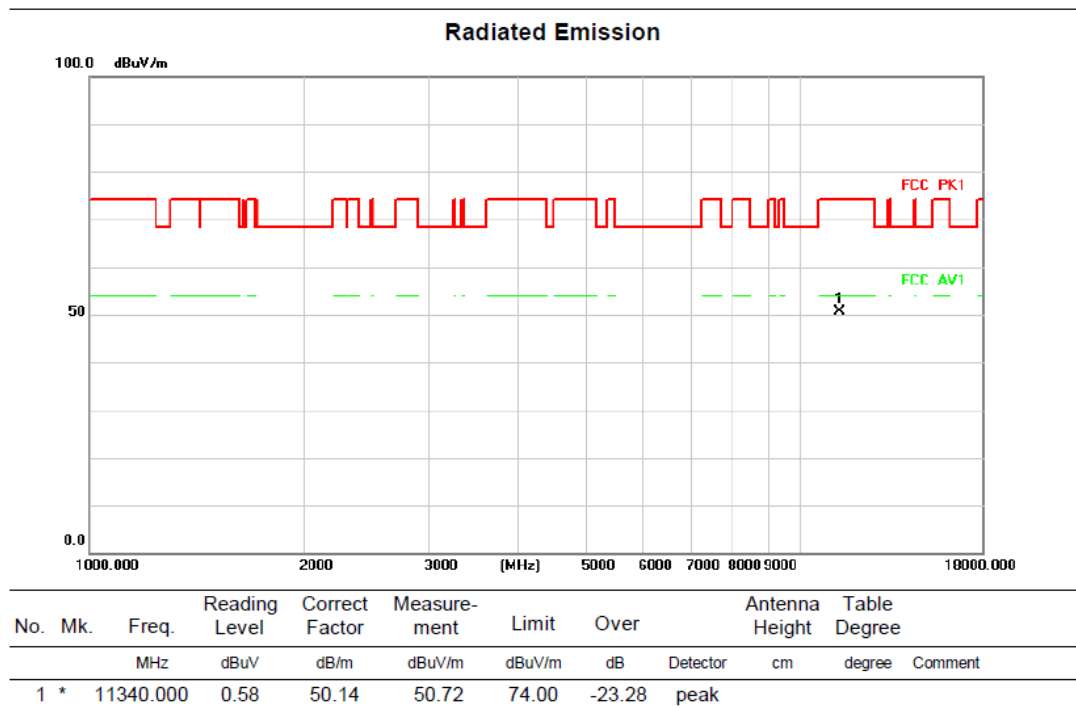


Above 1GHz (1GHz~18GHz)

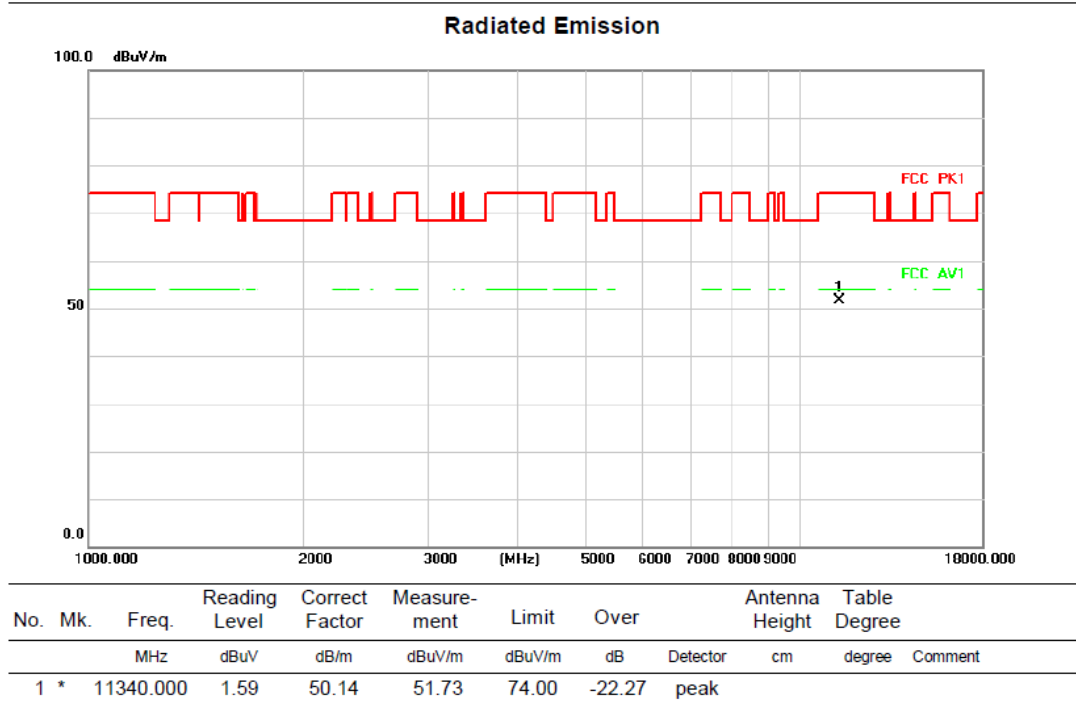
Test mode: 11AC40MIMO

Test Channel:134

VERTICAL



HORIZONTAL



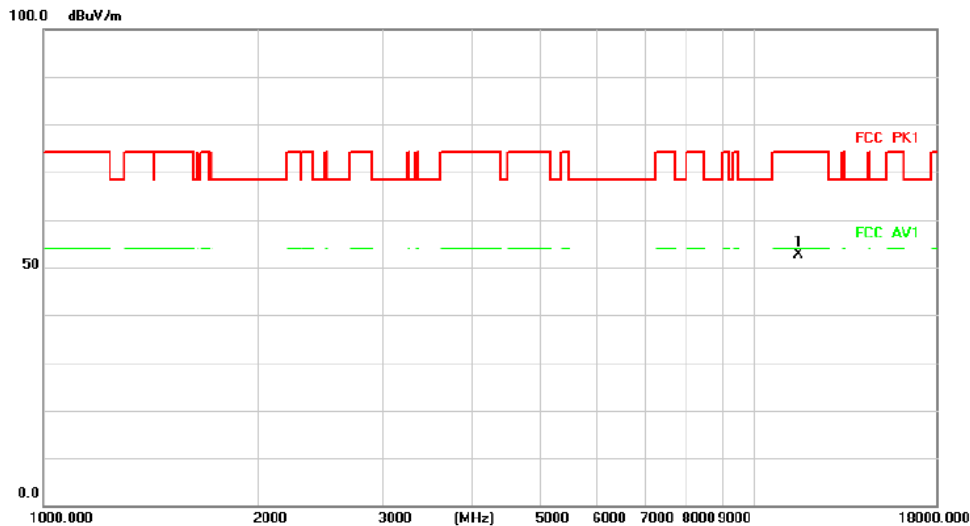
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:151

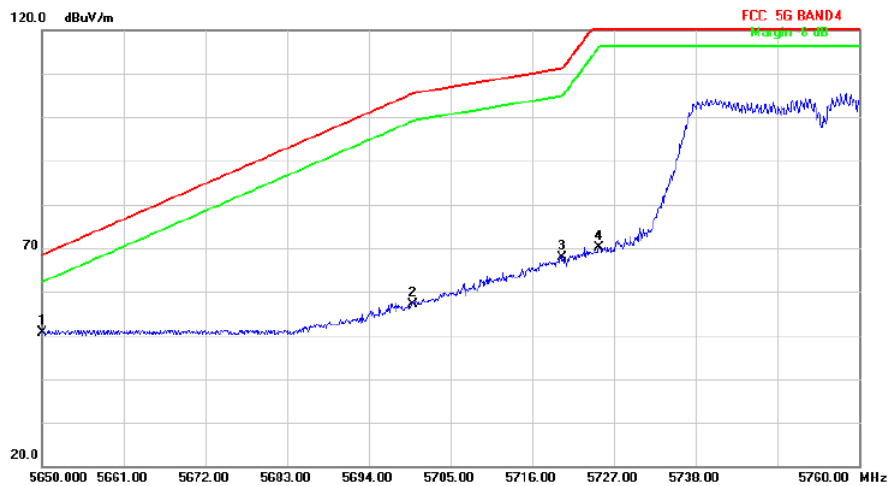
VERTICAL

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	Comment
1	*	11510.000	1.74	50.97	52.71	74.00	-21.29	peak		

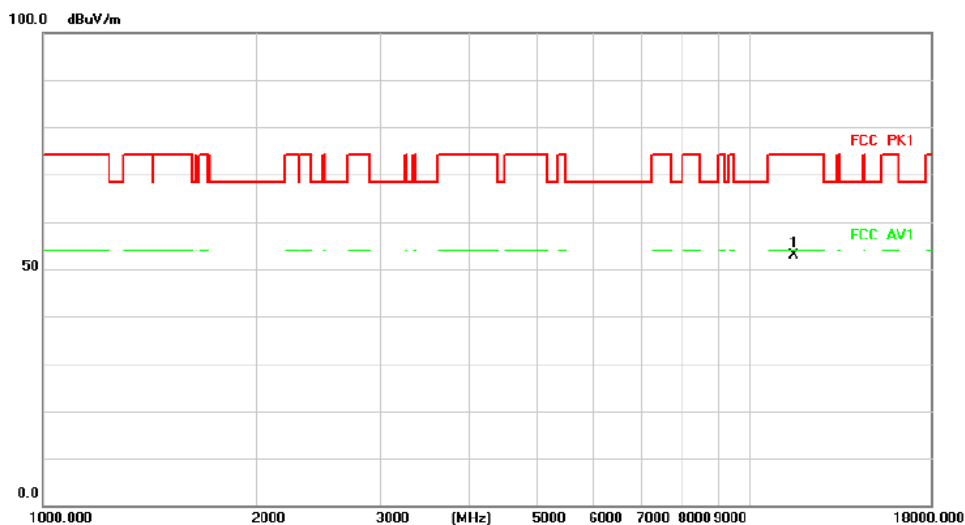
Radiated Emission



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	Comment
1	*	5650.000	44.43	6.15	50.58	68.20	-17.62	peak		
2		5700.000	50.89	6.26	57.15	105.20	-48.05	peak		
3		5720.000	61.78	6.05	67.83	110.80	-42.97	peak		
4		5725.000	64.08	6.00	70.08	122.20	-52.12	peak		

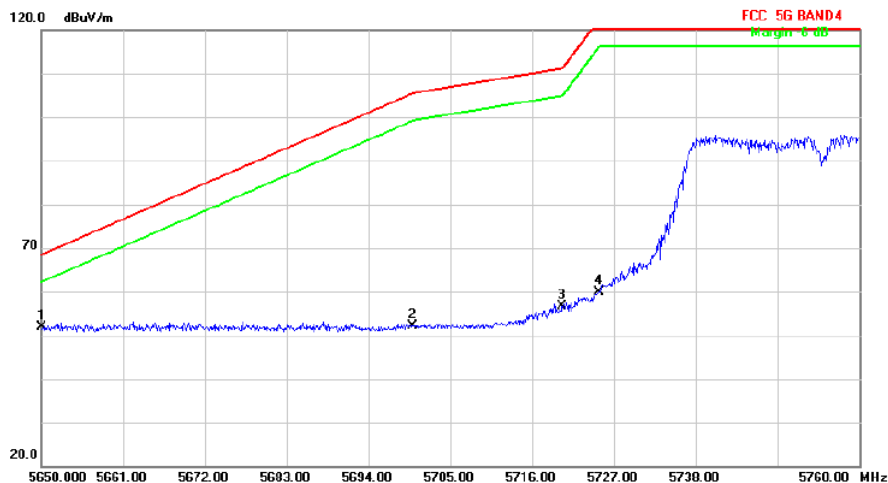
HORIZONTAL

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	Detector	cm	degree
1	*	11510.000	1.84	50.97	52.81	74.00	-21.19	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	Detector	cm	degree
1	*	5650.000	45.70	6.15	51.85	68.20	-16.35	peak		
2		5700.000	45.90	6.26	52.16	105.20	-53.04	peak		
3		5720.000	50.65	6.05	56.70	110.80	-54.10	peak		
4		5725.000	53.99	6.00	59.99	122.20	-62.21	peak		

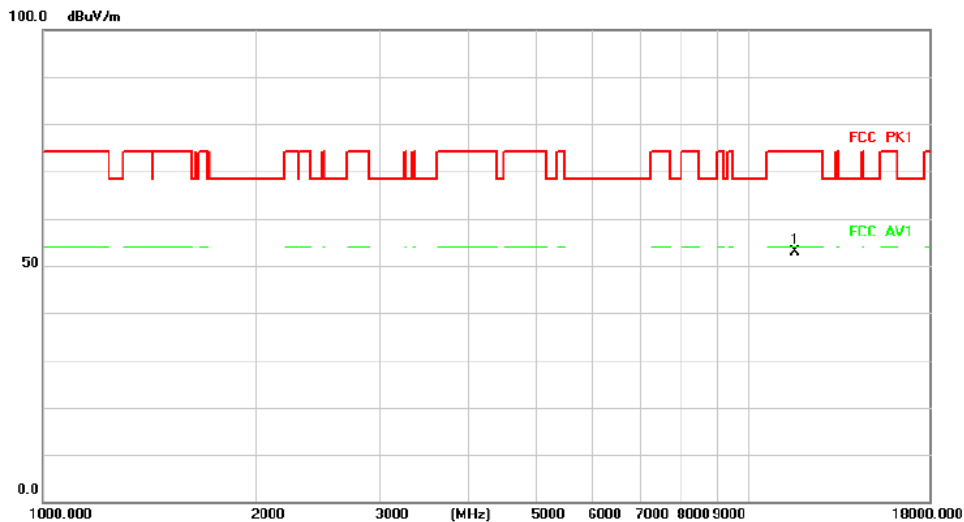
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:159

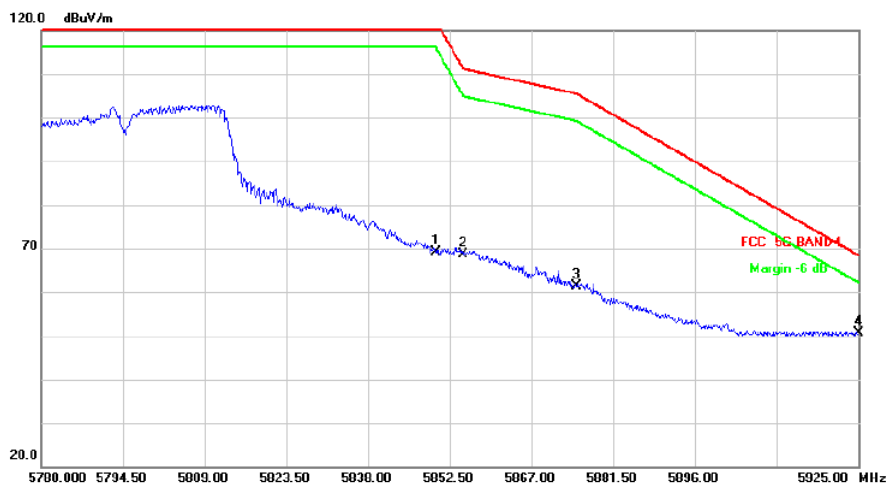
VERTICAL

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	Comment
1	*	11590.000	2.05	50.91	52.96	74.00	-21.04	peak		

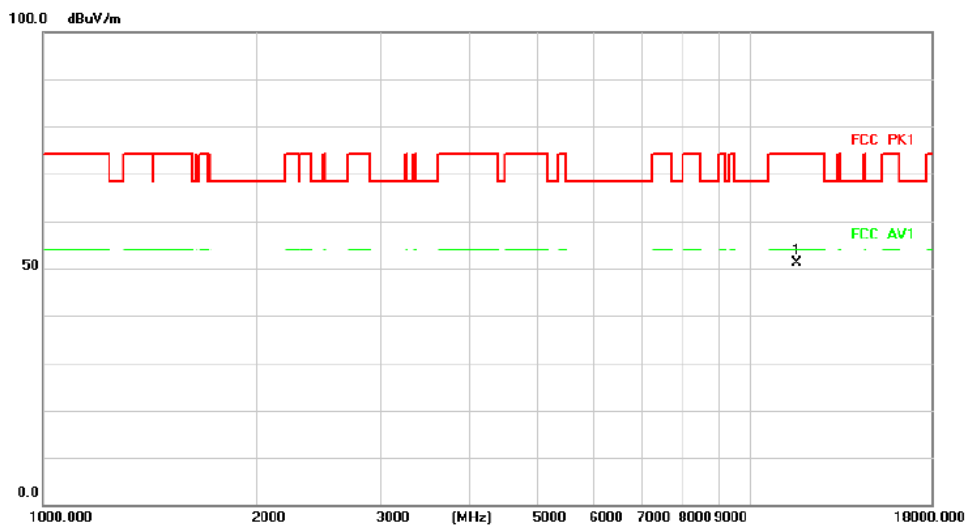
Radiated Emission



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	Comment
1		5850.000	63.39	5.74	69.13	122.20	-53.07	peak		
2		5855.000	62.91	5.82	68.73	110.80	-42.07	peak		
3		5875.000	55.21	6.16	61.37	105.20	-43.83	peak		
4	*	5925.000	43.58	7.13	50.71	68.20	-17.49	peak		

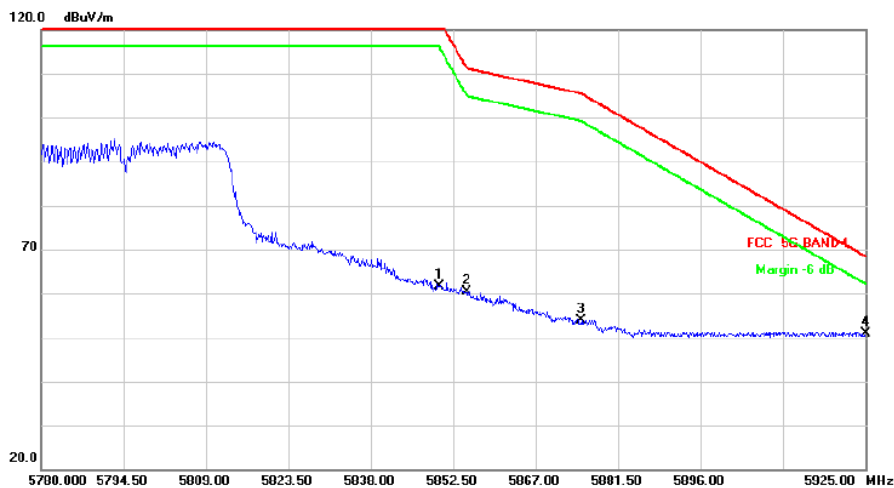
HORIZONTALA

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	Comment
1	*	11590.000	0.23	50.91	51.14	74.00	-22.86	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	Comment
1		5850.000	55.93	5.74	61.67	122.20	-60.53	peak		
2		5855.000	54.55	5.82	60.37	110.80	-50.43	peak		
3		5875.000	47.81	6.16	53.97	105.20	-51.23	peak		
4	*	5925.000	43.67	7.13	50.80	68.20	-17.40	peak		

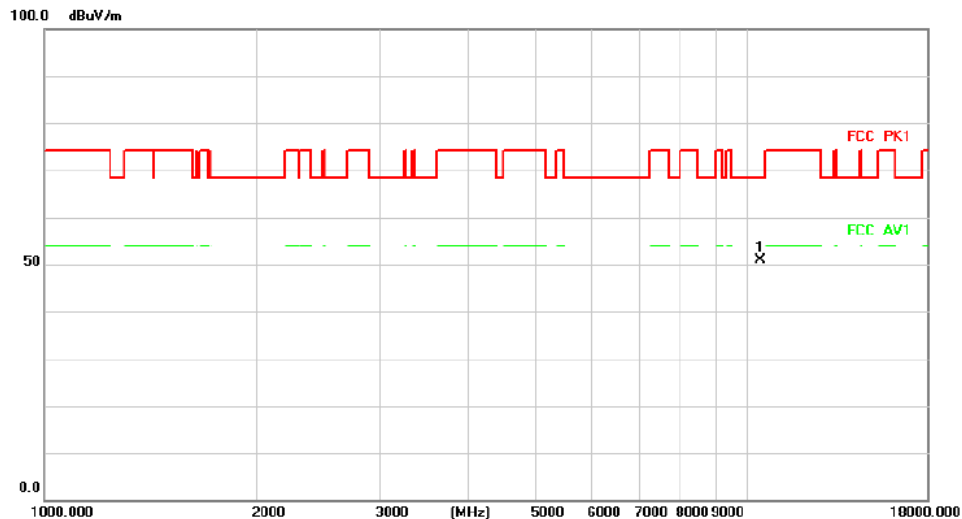
Above 1GHz (1GHz~18GHz)

Test mode: 11AC80MIMO

Test Channel:42

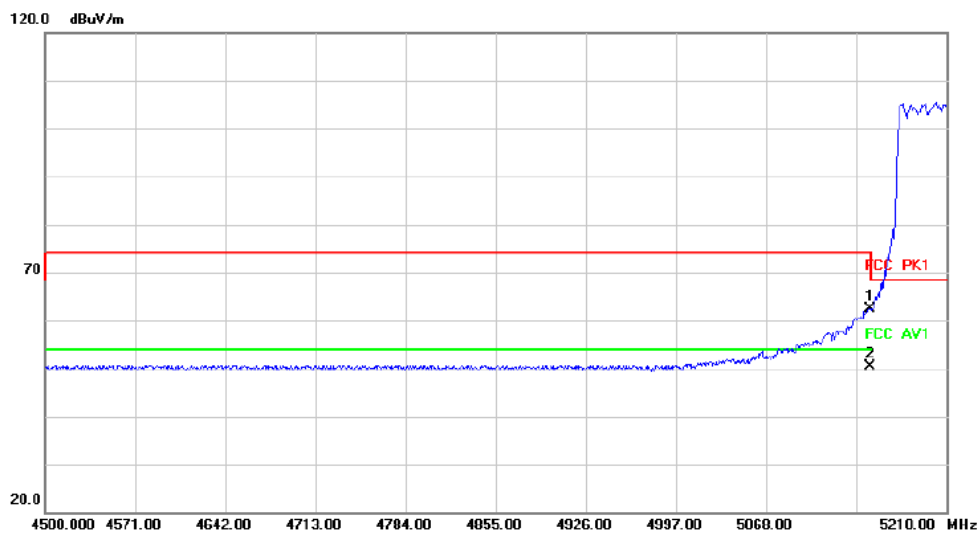
VERTICAL

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	Comment
1	*	10420.000	43.14	7.81	50.95	68.20	-17.25	peak		

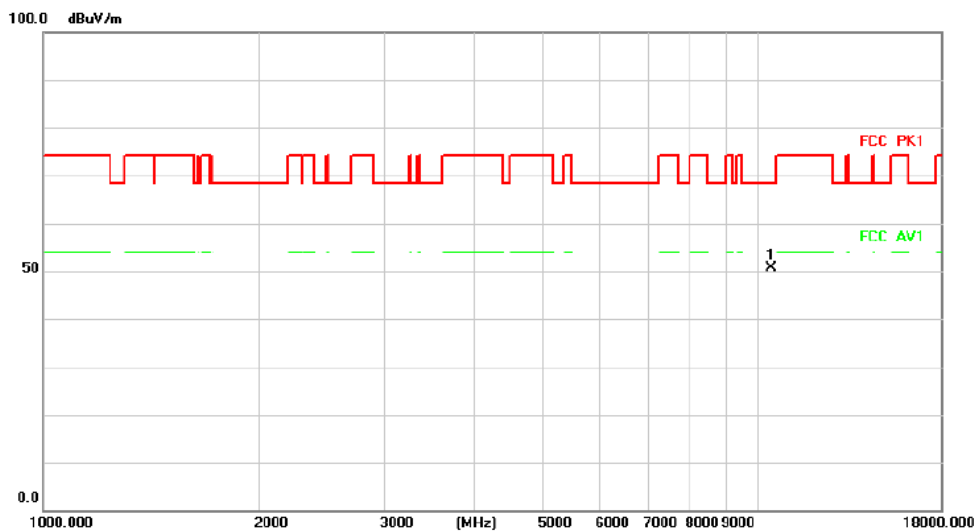
Radiated Emission



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	Comment
1		5150.000	55.12	7.25	62.37	68.20	-5.83	peak		
2	*	5150.000	43.11	7.25	50.36	54.00	-3.64	AVG		

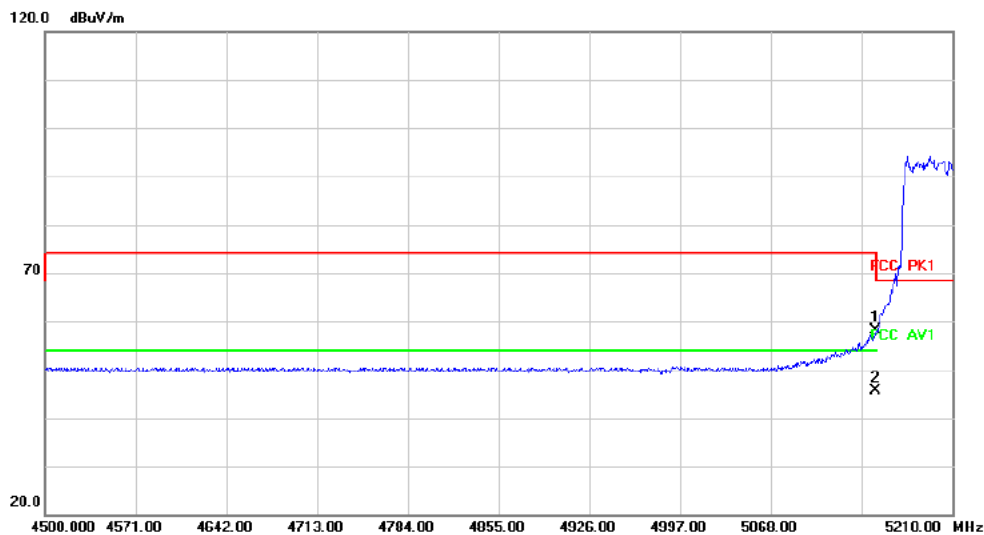
HORIZONTAL

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	*	10420.000	42.86	7.81	50.67	68.20	-17.53	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		5150.000	50.90	7.25	58.15	68.20	-10.05	peak	
2	*	5150.000	38.33	7.25	45.58	54.00	-8.42	AVG	

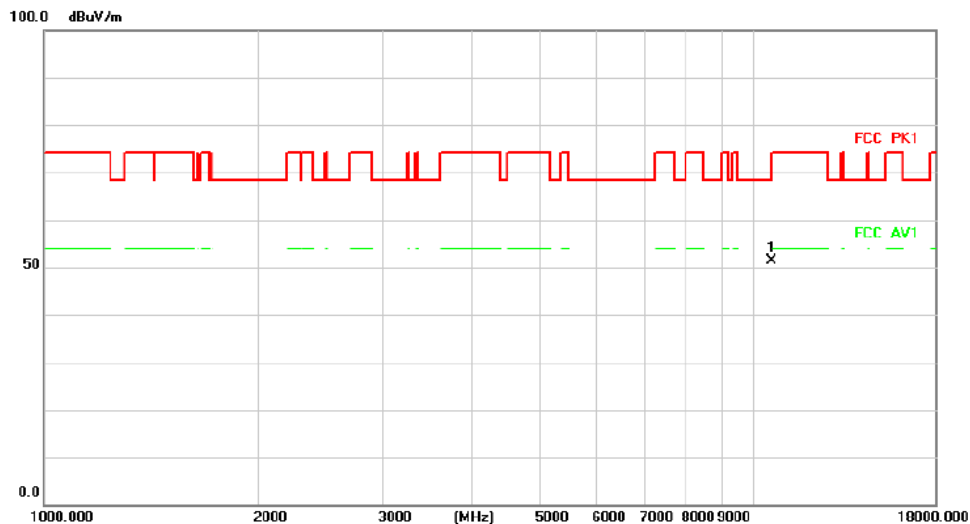
Above 1GHz (1GHz~18GHz)

Test mode: 11AC80MIMO

Test Channel:58

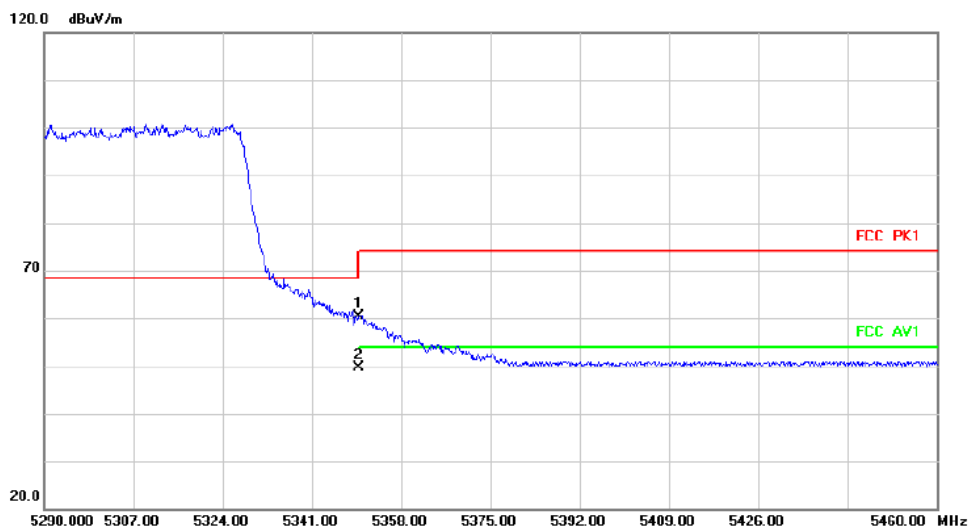
VERTICAL

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	*	10580.000	44.45	7.01	51.46	68.20	-16.74 peak		

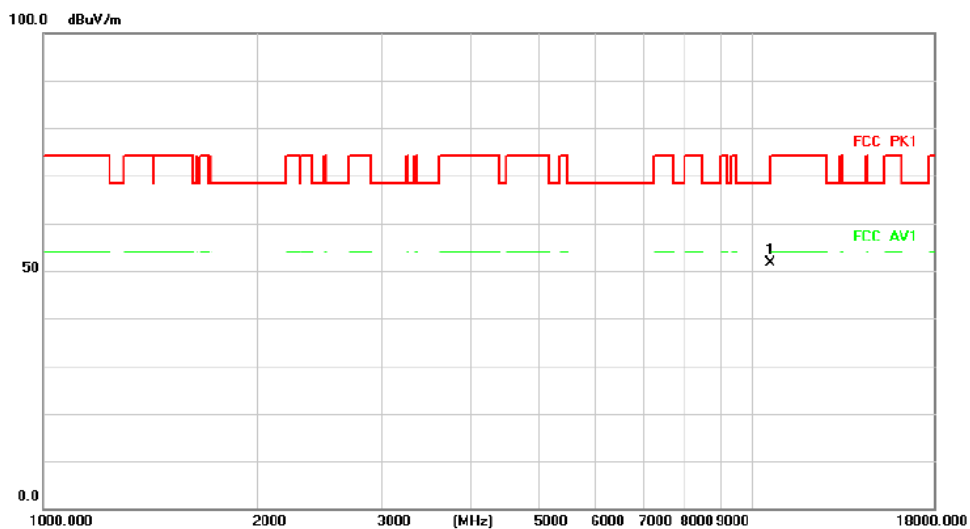
Radiated Emission



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		5350.000	54.03	6.40	60.43	68.20	-7.77 peak		
2	*	5350.000	43.22	6.40	49.62	54.00	-4.38 AVG		

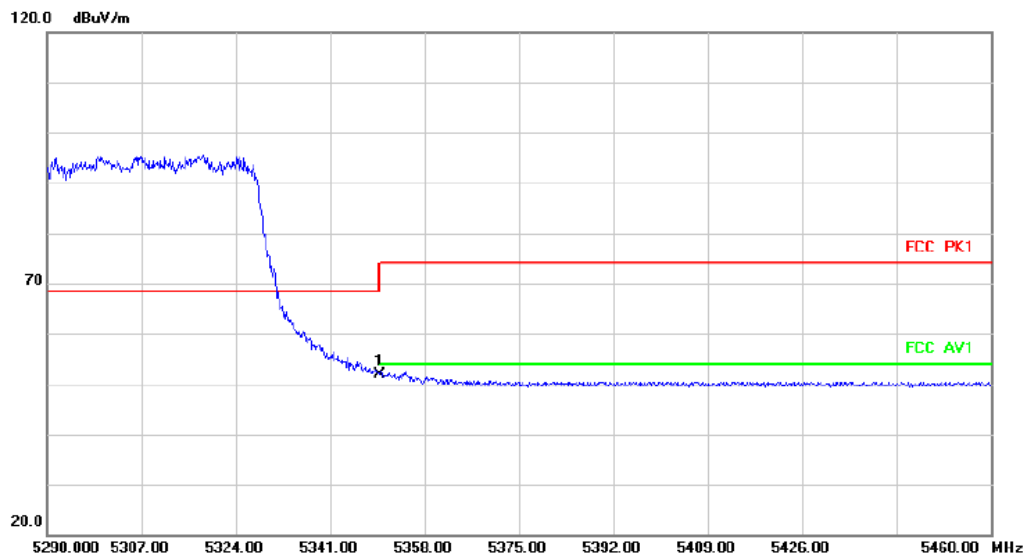
HORIZONTAL

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	Detector	cm	degree
1	*	10580.000	44.52	7.01	51.53	68.20	-16.67	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	Detector	cm	degree
1	*	5350.000	45.49	6.40	51.89	68.20	-16.31	peak		

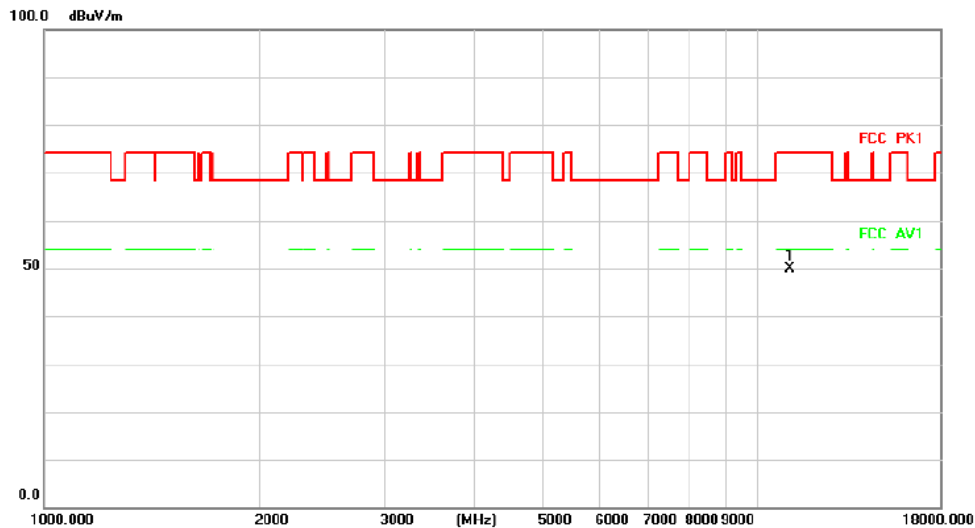
Above 1GHz (1GHz~18GHz)

Test mode: 11AC80MIMO

Test Channel:106

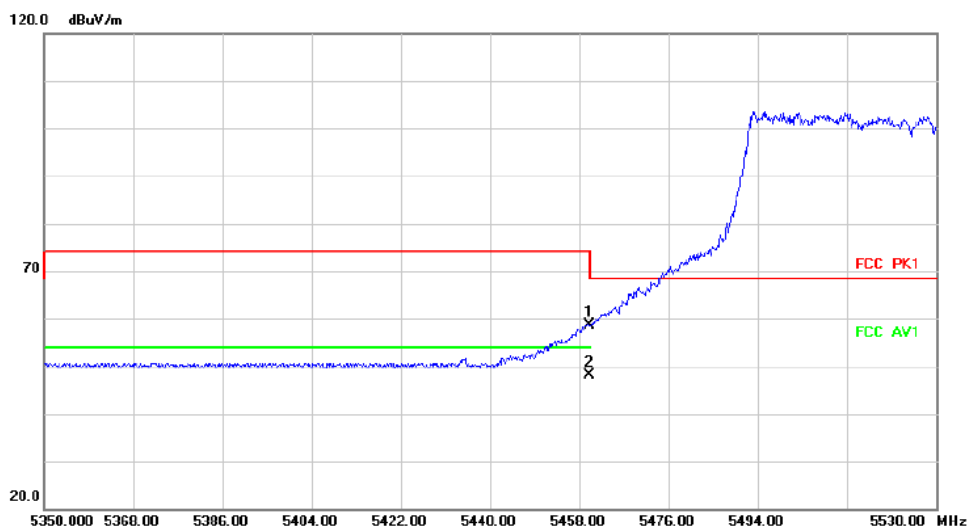
VERTICAL

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	*	11060.000	44.04	5.92	49.96	74.00	-24.04 peak		

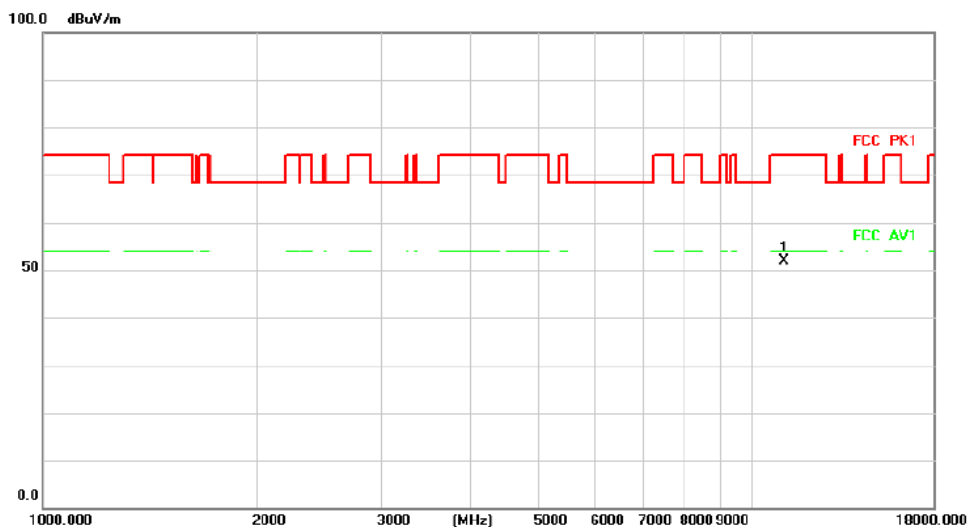
Radiated Emission



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		5460.000	52.37	6.31	58.68	68.20	-9.52 peak		
2	*	5460.000	41.76	6.31	48.07	54.00	-5.93 AVG		

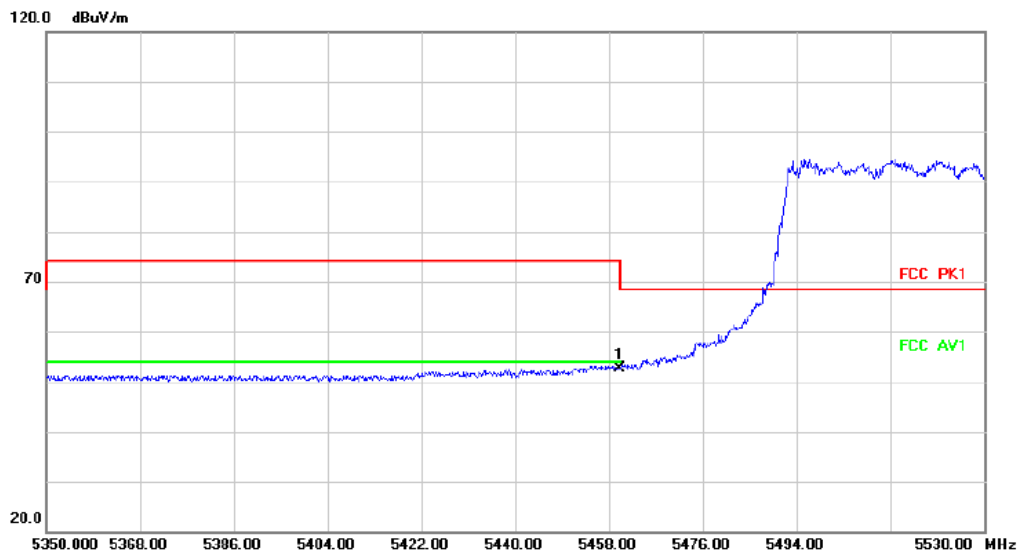
HORIZONTAL

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	*	11060.000	46.03	5.92	51.95	74.00	-22.05	peak	

Radiated Emission



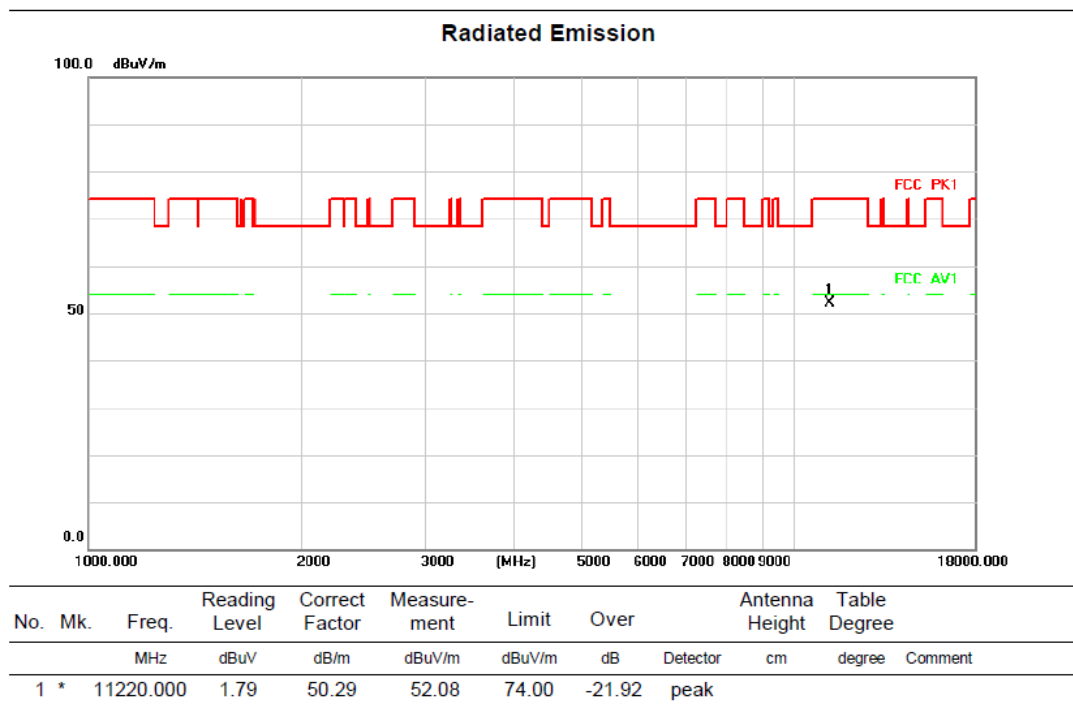
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5460.000	46.39	6.31	52.70	68.20	-15.50	peak	

Above 1GHz (1GHz~18GHz)

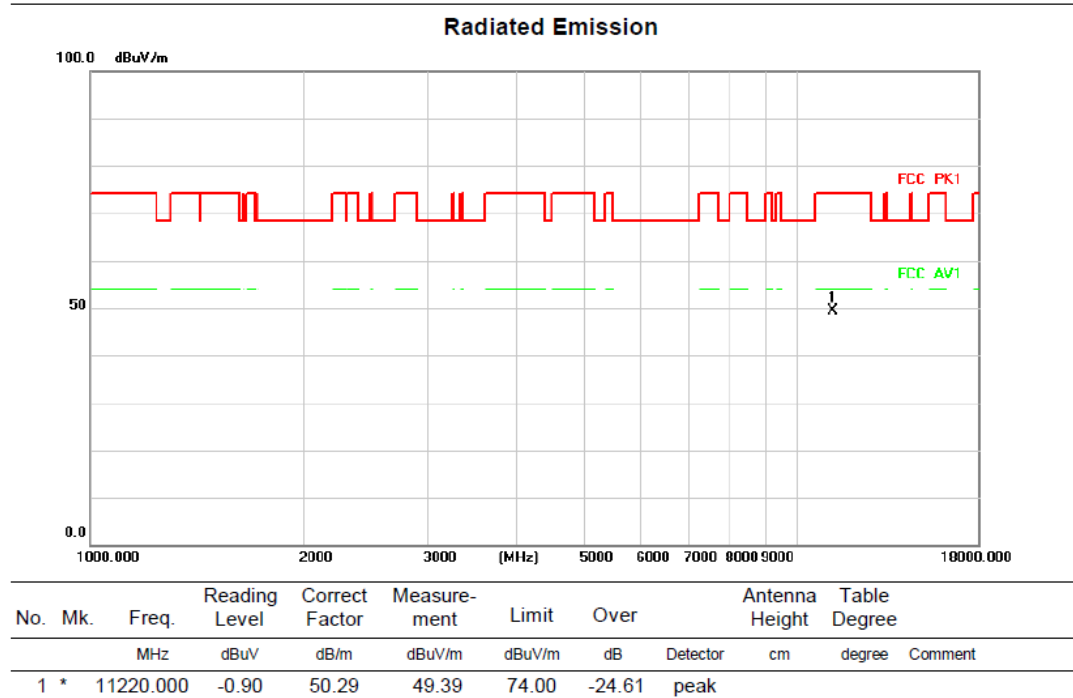
Test mode: 11AC80MIMO

Test Channel:122

VERTICAL



HORIZONTAL

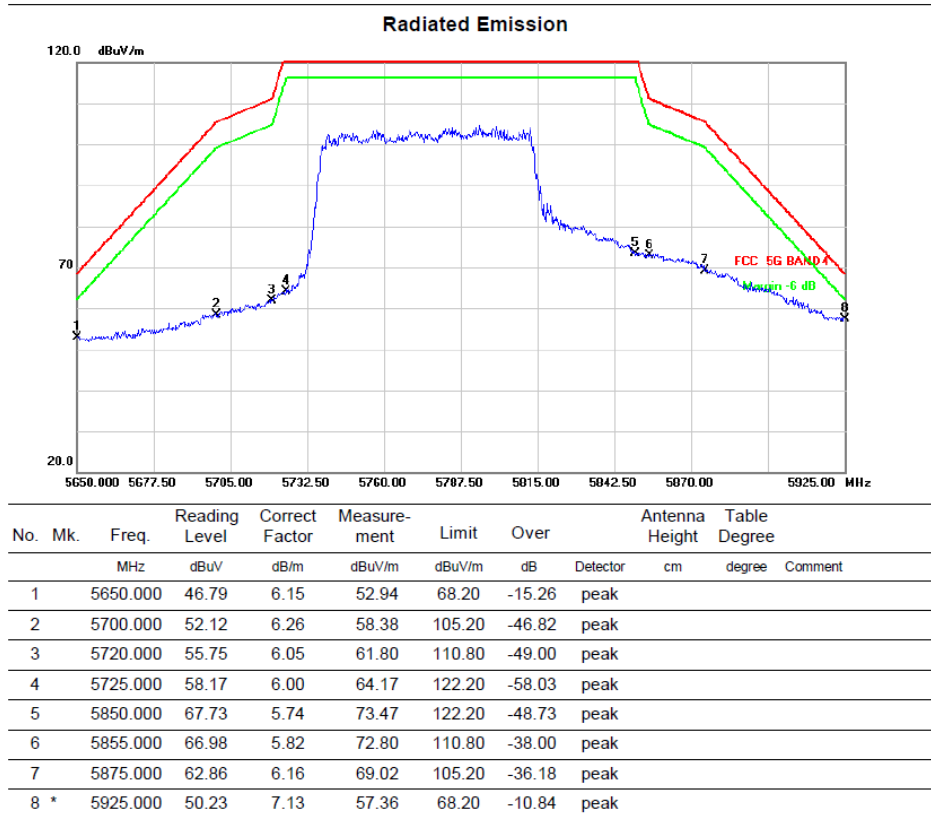
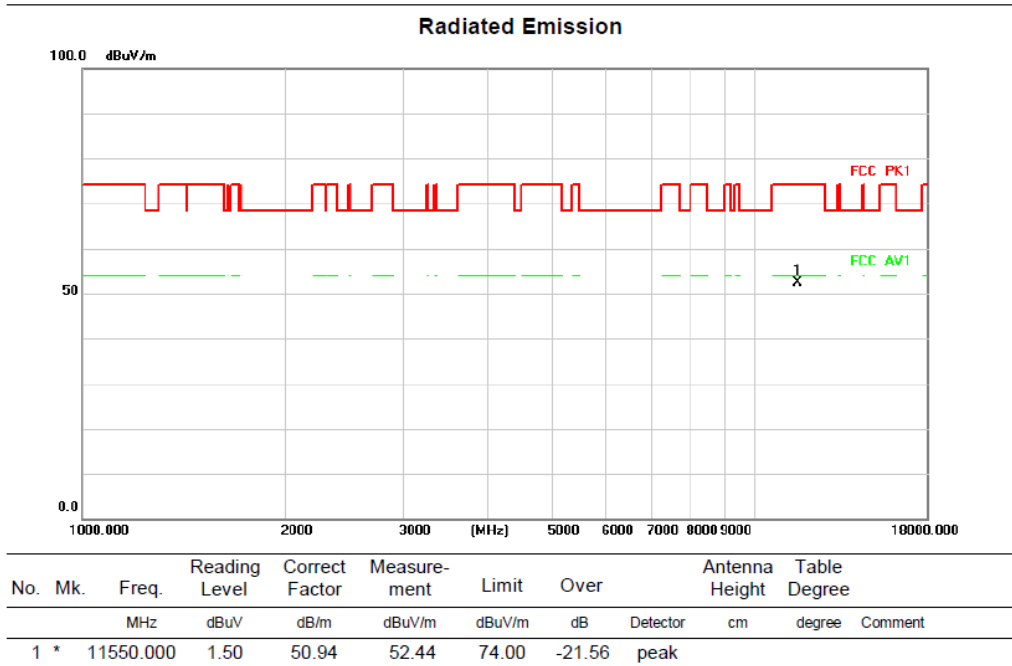


Above 1GHz (1GHz~18GHz)

Test mode: 11AC80MIMO

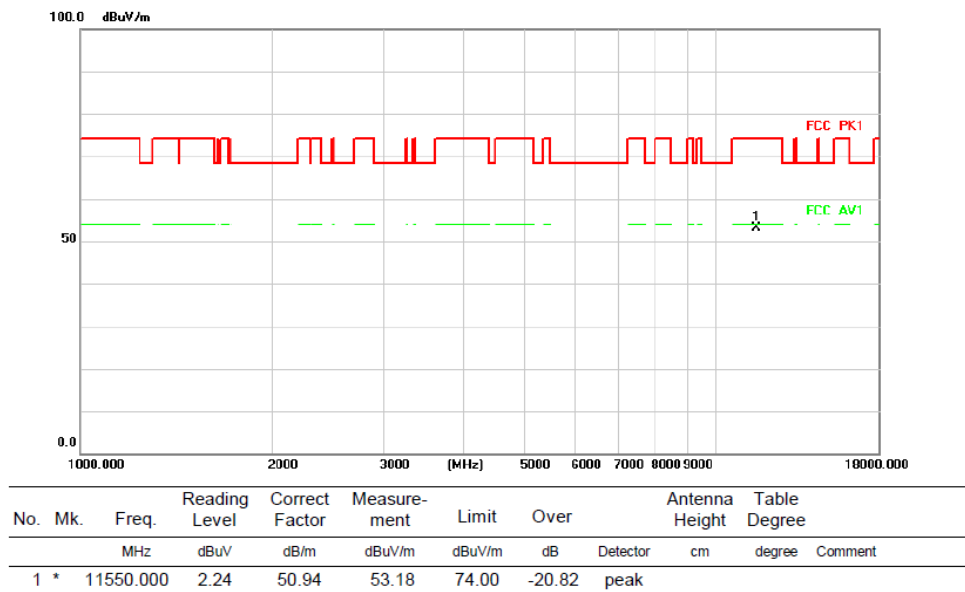
Test Channel:155

VERTICAL

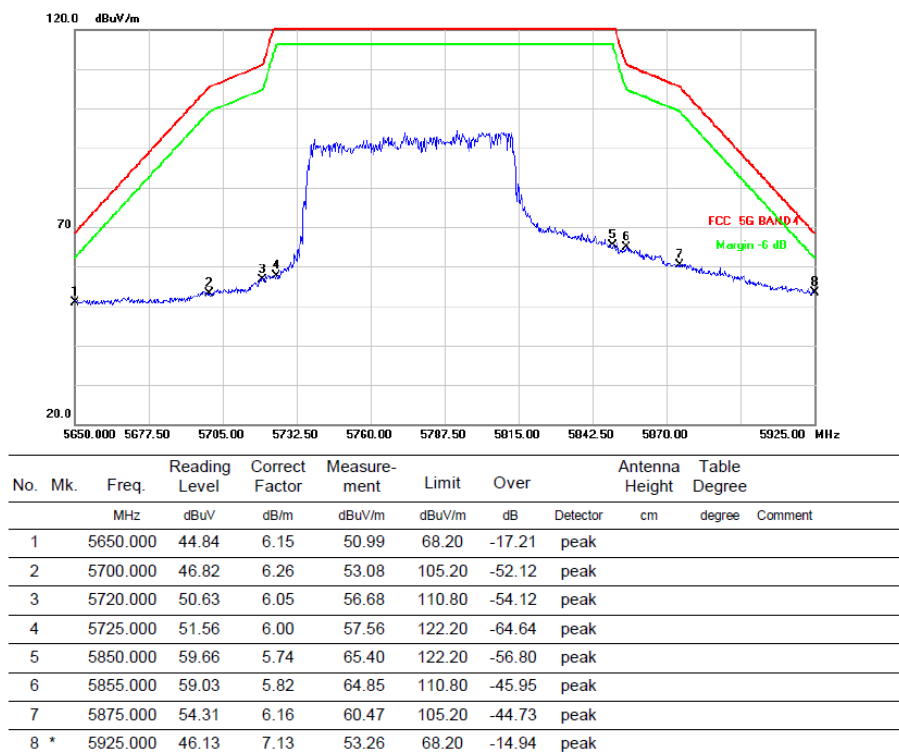


HORIZONTALA

Radiated Emission



Radiated Emission



The high frequency, which started from 18GHz to 40GHz, was pre-scanned and the result which was 20dB lower than the limit line was not recorded in this report.

3.3 Spectrum Bandwidth

3.3.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	-	5150-5250
	26 dB Bandwidth	-	5250-5350
15.407(e)	26 dB Bandwidth	-	5470-5725
	26 dB Bandwidth	-	5725-5850
	6 dB Bandwidth	Minimum 500 kHz	5725-5850

3.3.2 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 EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

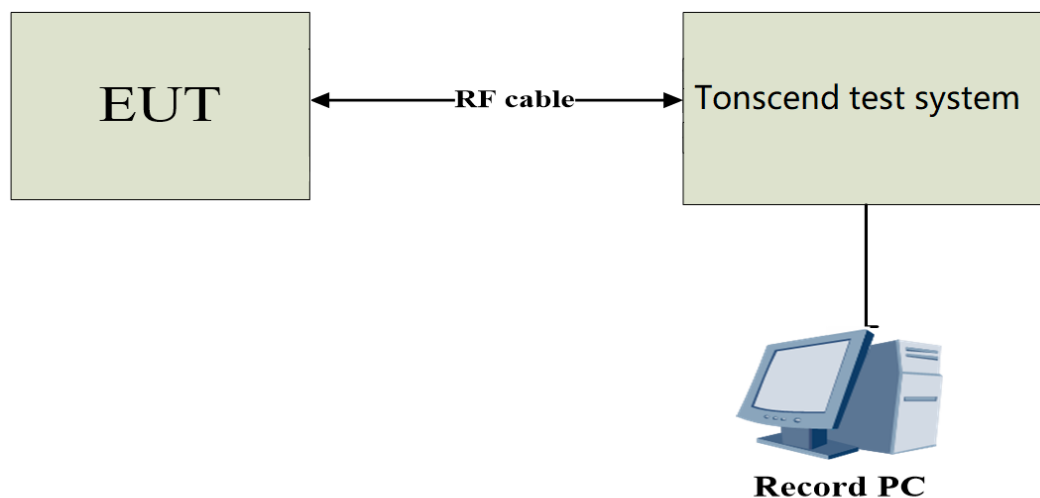
Centre Frequency	The centre frequency of the channel under test
RBW	1% to 5% of the emission bandwidth
VBW	> RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

Centre Frequency	The centre frequency of the channel under test
RBW	100 kHz
VBW	300 kHz
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

- c) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.
- d) Use the -26/-6dB bandwidth function of the spectrum analyser to measure the -26/-6dB Bandwidth of the EUT. This value shall be recorded.
- e) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.3.3 Test Setup



3.3.4 Test Result

3.3.5.1 26 dB Bandwidth

Test result: PASS

Note: For test data, please refer to the report 4790010773.1-4.

3.3.5.2 Min emission bandwidth

Test result: PASS

Note: For test data, please refer to the report 4790010773.1-4.

3.4 Conducted Output Power

3.4.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Conducted Output Power	Master device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- a. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

3.4.2 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 EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b) Test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

3.4.3 Test Setup





3.4.4 The Result

Test result: PASS

Note: For test data, please refer to the report 4790010773.1-4.

3.5 Power Spectral Density

3.5.1 Limit

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Master device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 300kHz and VBW at 1500kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add 10 log (500 kHz/300 kHz) to the measured result, i.e. 2.22 dB.
- During the test of U-NII 3 PSD, the measurement result with RBW=300kHz has been added 2.22 dB by compensating offset, offset=cable loss+duty factor+10log(500kHz/300kHz).

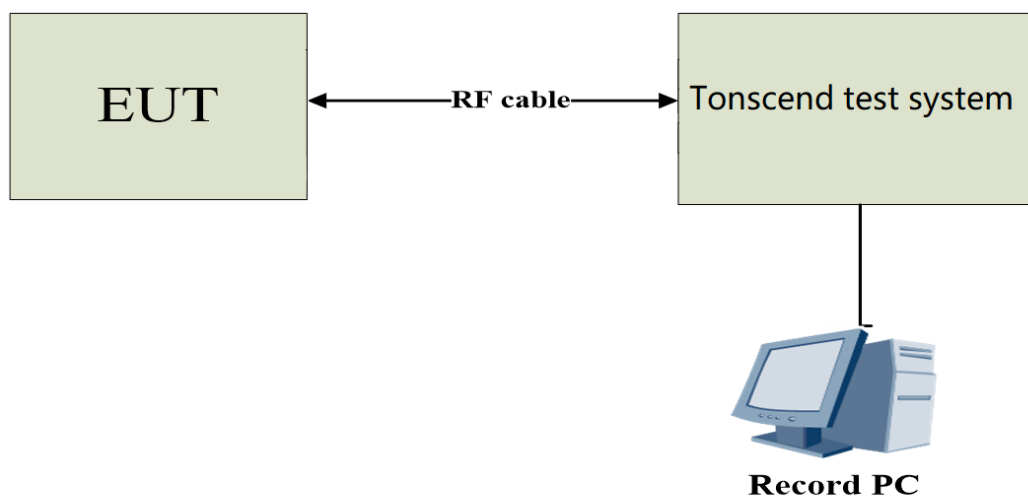
3.5.2 Test Procedure

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 EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below. Spectrum analyser settings as following:

Centre Frequency	The centre frequency of the channel under test
RBW	= 1 MHz (Band1/2/3); = 300kHz (Band4)
VBW	≥3 x RBW
Frequency span	2 x Nominal Channel Bandwidth
Detector Mode	RMS
Trace Mode	Max Hold
Sweep Time	Auto Couple

3.5.3 Test Setup



3.5.4 The Result

Test result: PASS

Note: For test data, please refer to the report 4790010773.1-4.

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 REPORT)