

RF TEST REPORT

FCC ID: 2BCFYHT-360AX

Test Report No.....: RF230807005-01-002

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

Model(s).....: HT-360AXE, HT-360AXI, HT-360AXG

Trade Mark.....: HEIGHTS

Applicant.....: Heights Telecom T LTD

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

Receipt Date.....: 2023.08.07

Test Date.....: 2023.08.11~2023.09.14

Issued Date.....: 2023.09.23

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

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

Prepared By:	Checked By:	Approved By:	
Black ding	Tim zhang	Misue Su	
<i>Black Ding</i>	<i>Tim.zhang</i>	<i>Misue Su</i>	

Table of Contents

History of this test report.....	4
1. General Information	5
1.1 Applicant.....	5
1.2 Manufacturer.....	5
1.3 Basic Description of Equipment Under Test.....	5
2. Summary of Test Results	7
2.1 Summary of Test Items	7
2.2 Application of Standard.....	7
2.3 Test Instruments	8
2.4 Operation Mode	9
2.5 Test Condition	9
2.6 Duty Cycle of Test Signal	10
2.7 Measurement Uncertainty.....	16
2.8 Test Location.....	16
2.9 SUPPORT UNITS	17
2.10 Deviation from Standards	17
2.11 Abnormalities from Standard Conditions.....	17
3. Test Procedure And Results	18
3.1 AC Power Line Conducted Emission	18
3.1.1 Limit.....	18
3.1.2 Test Procedure	18
3.1.3 Test Setup	18
3.1.4 Test Result.....	19
3.2 Radiated Emission	25
3.2.1 Limit.....	25
3.2.2 Test Procedure	26
3.2.3 Test Setup	27
3.2.4 Test Result.....	28

3.3	Spectrum Bandwidth	168
3.3.1	Limit.....	168
3.3.2	Test Procedure	168
3.3.3	Test Setup	169
3.3.4	Test Result.....	170
3.4	Conducted Output Power.....	586
3.4.1	Limit.....	586
3.4.2	Test Procedure	586
3.4.3	Test Setup	586
3.4.4	Table of Parameters of Text Software Setting.....	587
3.4.5	The Result.....	591
3.5	Power Spectral Density.....	620
3.5.1	Limit.....	620
3.5.2	Test Procedure	620
3.5.3	Test Setup	621
3.5.4	The Result.....	622

History of this test report

Original Report Issue Date: 2023.09.23

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Heights Telecom T LTD

Ha-Sakhlav 6, Irus, 7680900, Israel

1.2 Manufacturer

Heights Telecom T LTD

Ha-Sakhlav 6, Irus, 7680900, Israel

1.3 Basic Description of Equipment Under Test

Equipment Name	Wireless Home Gateway	
Model Name	HT-360AXE, HT-360AXI, HT-360AXG	
Model differences	They have the same RF module circuit and antenna, and differ in the network port and optical port part of the circuit, appearance and model name	
Trademark	HEIGHTS	
Power Supply	DC 12V from adapter	
Adapter information	Model: SOY-1200250US-459	
	Input: 100-240V~ 50/60Hz 0.9A Max Output: DC 12V2.5A, 30W	
Operating Temperature	0℃-60℃	
EUT Stage	○ Product Unit	● Final-Sample
Operating Band & Max conducted power	5150MHz ~5250MHz	802.11ax40: 28.85dBm(0.767W)
	5250MHz ~5350MHz	802.11ac40: 22.91dBm(0.195W)
	5470MHz ~5725MHz	802.11ax80: 23.09dBm(0.204W)
	5725MHz ~5850MHz	802.11ac20: 29.41dBm(0.873W)
Product Type	IEEE 802.11a/n/ac/ax: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz /160MHz	
Modulation	OFDM, OFDMA	
Data Rate (Mbps)	IEEE 11a mode : 6/9/12/18/24/36/48/54	
	IEEE 11n mode : MCS0~MCS31	
	IEEE 11ac mode : MCS0~MCS9	
	IEEE 11ax mode : MCS0~MCS11	
Type of Device	Master device	
Beamforming gain	2.5dB	
DFS Function (Master 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 /ax (20MHz)	5180-5240	36-48
5250-5350		5260-5320	52-64
5470-5725		5500-5700	100-140
5725-5850		5745-5825	149-165
5150-5250	802.11n /ac /ax (40MHz)	5190-5230	38-46
5250-5350		5270-5310	54-62
5470-5725		5510-5670	102-134
5725-5850		5755-5795	151-159
5150-5250	802.11ac /ax (80MHz)	5210	42
5250-5350		5290	58
5470-5725		5530-5610	106-122
5725-5850		5775	155
5150-5350	802.11 ac /ax (160MHz)	5250	50
5470-5725		5570	114

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

Antenna information

For 5GWiFi:5150~5350MHz

Antenna gain				Antenna Type
Ant1: 3.98dBi	Ant2: 4.41dBi	Ant3: 4.46dBi	Ant4: 4.56dBi	PCB antenna
Directional Gain: 6.78dBi				

For 5GWiFi:5470~5725MHz

Antenna gain				Antenna Type
Ant1: 4.43dBi	Ant2: 4.54dBi	Ant3: 4.48dBi	Ant4: 4.46dBi	PCB antenna
Directional Gain: 6.61dBi				

For 5GWiFi:5725~5850MHz

Antenna gain				Antenna Type
Ant1: 4.53dBi	Ant2: 4.33dBi	Ant3: 4.56dBi	Ant4: 4.48dBi	PCB antenna
Directional Gain: 6.48dBi				

Note: For directional gain was performed in accordance with method FCC KDB 662911 D01 Multiple Transmitter Output v02r01

Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi

If transmit signals are correlated, then Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$ dBi [Note the “20”s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

2. Summary of Test Results

2.1 Summary of Test Items

47 CFR FCC Part 15, Subpart C (Section 15.247)			
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
Maximum EIRP	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 4 PCB 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 C63.10:2013

2.3 Test Instruments

Radiated Emissions						
No.	Equipment	Manufacturer	Type No.	Serial No.	Cal. date (yyyy/mm/dd)	Cal. Due date (yyyy/mm/dd)
1	Test receiver	Rohde&Schwarz	ESU	100184	2023/5/3	2024/5/2
2	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-127 3	2023/4/23	2024/4/22
3	Low frequency amplifier	Unknown	LNA 0920N	2014	2023/5/3	2024/5/2
4	High frequency amplifier	Schwarzbeck	BBV 9718	284	2023/5/3	2024/5/2
5	Loop Antenna	Schwarzbeck	FMZB1519 B	00029	2022/7/4	2025/7/3
6	Log periodic antenna	Schwarzbeck	VULB 9168	1151	2023/4/23	2024/4/22
7	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-127 3	2022/5/5	2025/5/4
8	Horn Antenna	Schwarzbeck	BBHA 9170	9170#685	2022/7/4	2025/7/3
9	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
10	RF cable(966 chamber)9kHz-1 GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
11	RF cable(966 chamber)1GHz- 18GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
12	RF cable(966 chamber)18GHz -40GHz	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
13	Test software	Farad Technology Co., Ltd	EZ-EMC	/	/	/
Conducted Emission						
1	Test receiver	Rohde&Schwarz	ESCI	100718	2023/5/3	2024/5/2
2	LISN	Rohde&Schwarz	ENV216	100075	2023/5/3	2024/5/2
3	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	2023/5/3	2024/5/2
4	RF cable (9kHz-30MHz)	Unknown	Unknown	Unknown	2023/5/3	2024/5/2
5	Test software	Farad Technology Co., Ltd	EZ-EMC	/	/	/
RF Conducted Emission						
1	MXA Signal Analyzer	Keysight	N9021B	MY600801 69	2023/4/23	2024/4/22
2	RF Control Unit	dsusoft	JS0806-2	21G806044 9	2023/4/23	2024/4/22
3	power supply unit	dsusoft	JS0806-4A DC	N/A	2023/4/23	2024/4/22
4	VXG Signal Generator	Keysight	M9384B	MY612707 87	2023/4/23	2024/4/22
5	EXG Analog Signal Generator	Keysight	N5173B	MY591012 82	2023/4/23	2024/4/22
6	Test software	dsusoft	JS1120-3	/	/	/

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	25°C, 53% RH	AC 120V/60Hz	Albert Fan
Radiated Emission	24°C, 51% RH	AC 120V/60Hz	Albert Fan
Spectrum Bandwidth	24.4°C, 53% RH	DC 12V	Jason Huang
Conducted Power	24.4°C, 53% RH	DC 12V	Jason Huang
Power Spectral Density	24.4°C, 53% RH	DC 12V	Jason Huang
Dynamic Frequency Selection (DFS)	24.3°C, 55% RH	DC 12V	Jason Huang

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 12V DC, 15~35°C

2.6 Duty Cycle of Test Signal

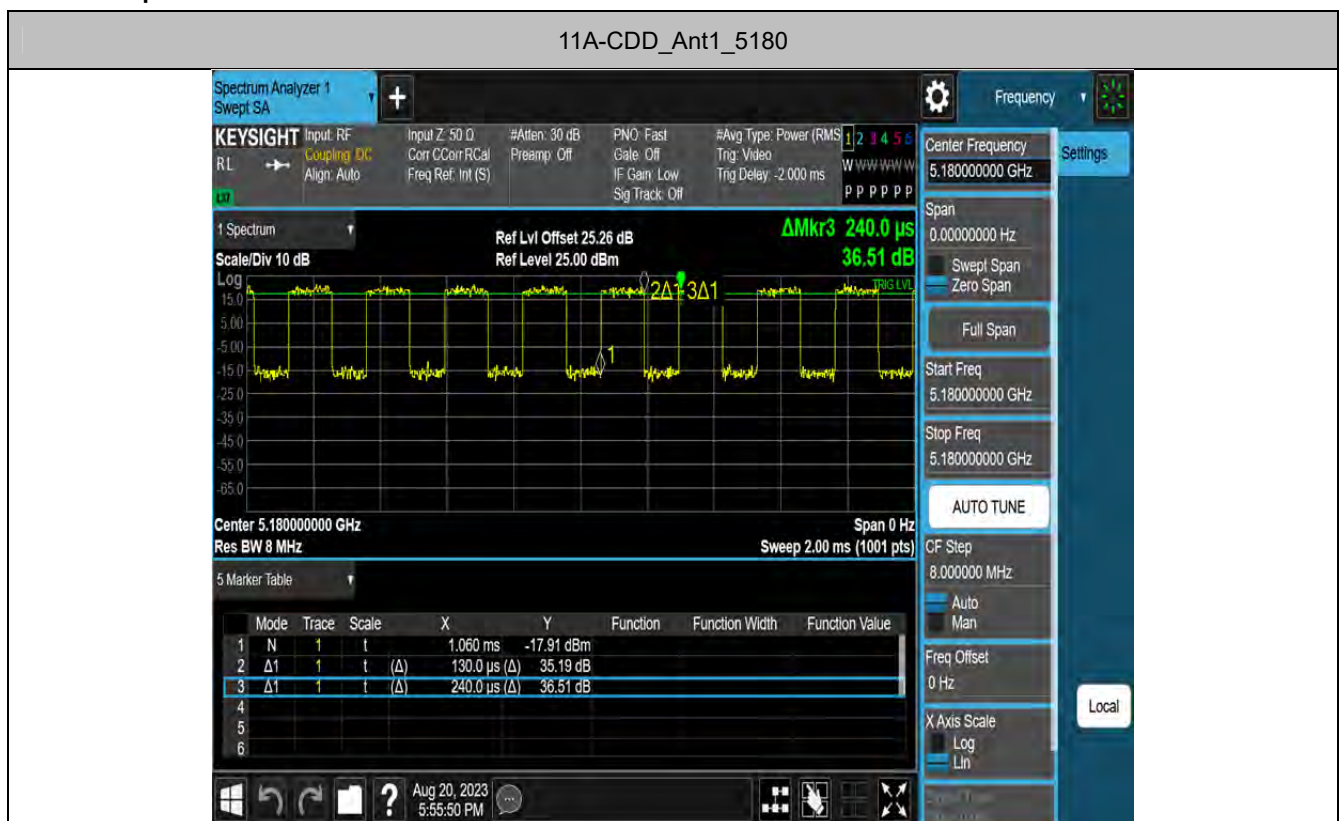
If duty cycle is $\geq 98\%$, duty factor is not required.

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

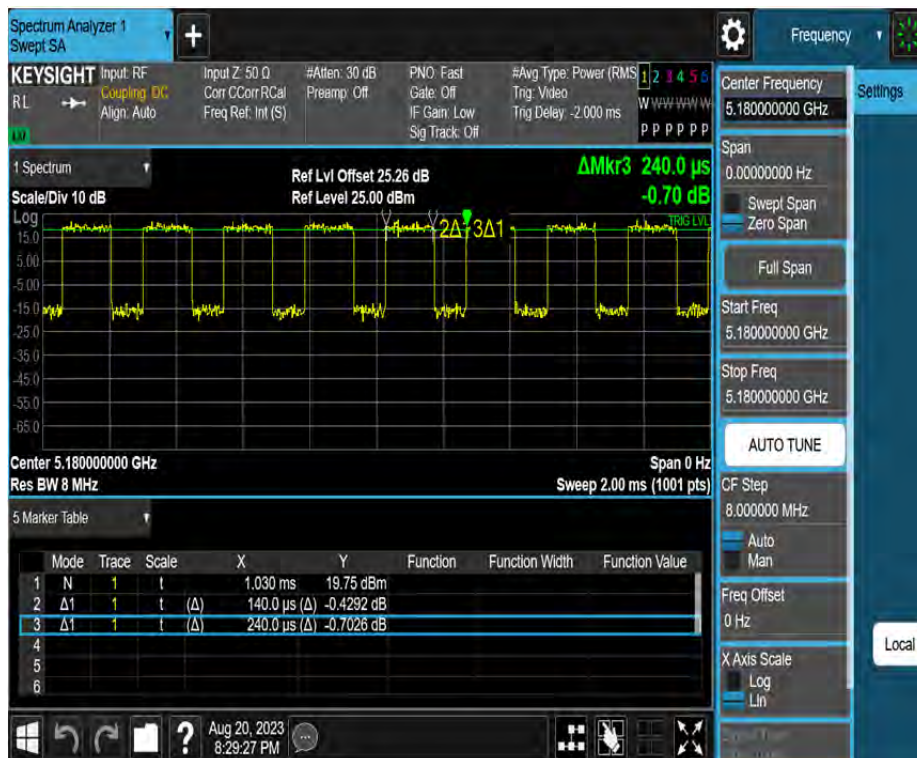
All the duty factor of other test mode have been considered.

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	Ant1	5180	0.13	0.24	54.17
11N20MIMO	Ant1	5180	0.14	0.24	58.33
11N40MIMO	Ant1	5190	0.12	0.22	54.55
11AC20MIMO	Ant1	5180	0.16	0.18	88.89
11AC40MIMO	Ant1	5190	0.13	0.16	81.25
11AC80MIMO	Ant1	5210	0.12	0.15	80.00
11AC160MIMO	Ant1	5570	0.12	0.15	80.00
11AX20MIMO	Ant1	5180	0.32	0.35	91.43
11AX40MIMO	Ant1	5190	0.31	0.34	91.18
11AX80MIMO	Ant1	5210	0.30	0.33	90.91
11AX160MIMO	Ant1	5250	0.45	0.48	93.75

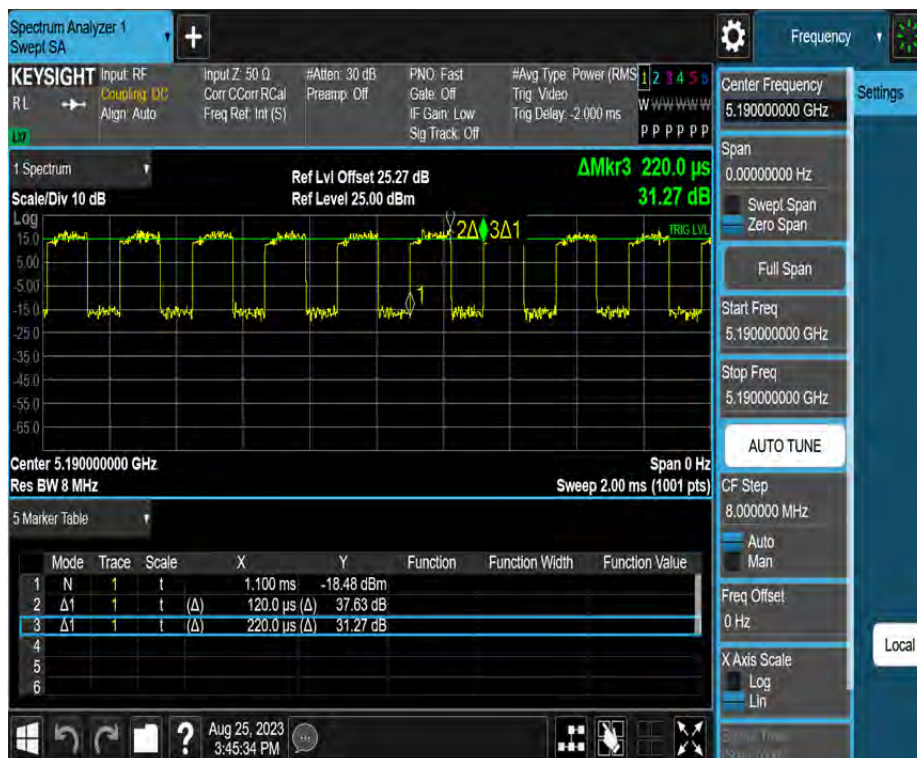
Test Graphs



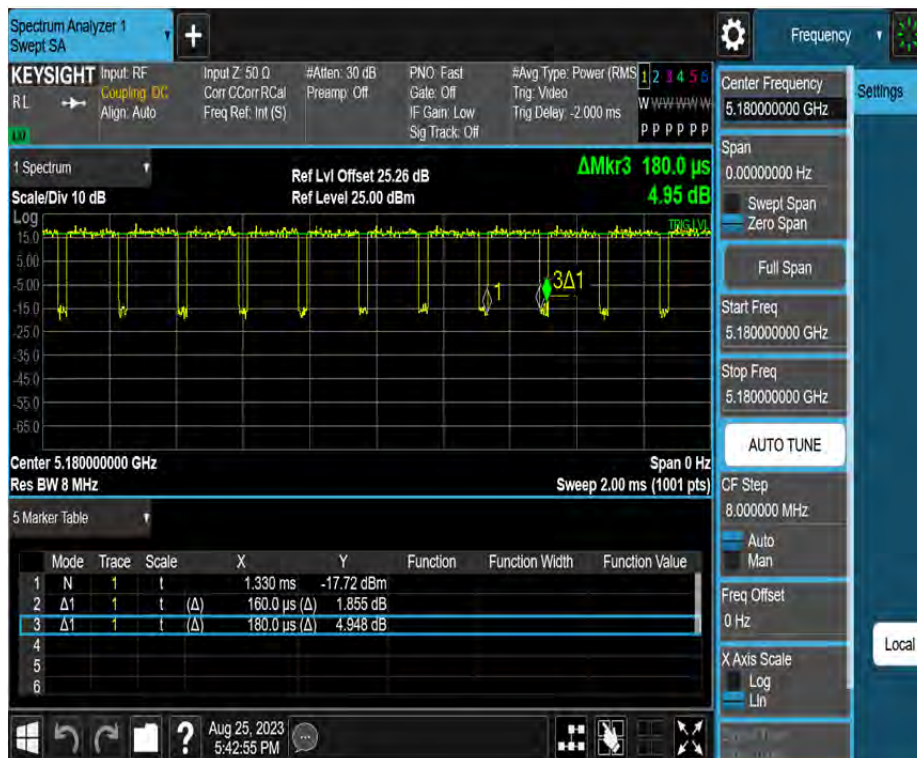
11N20MIMO_Ant1_5180



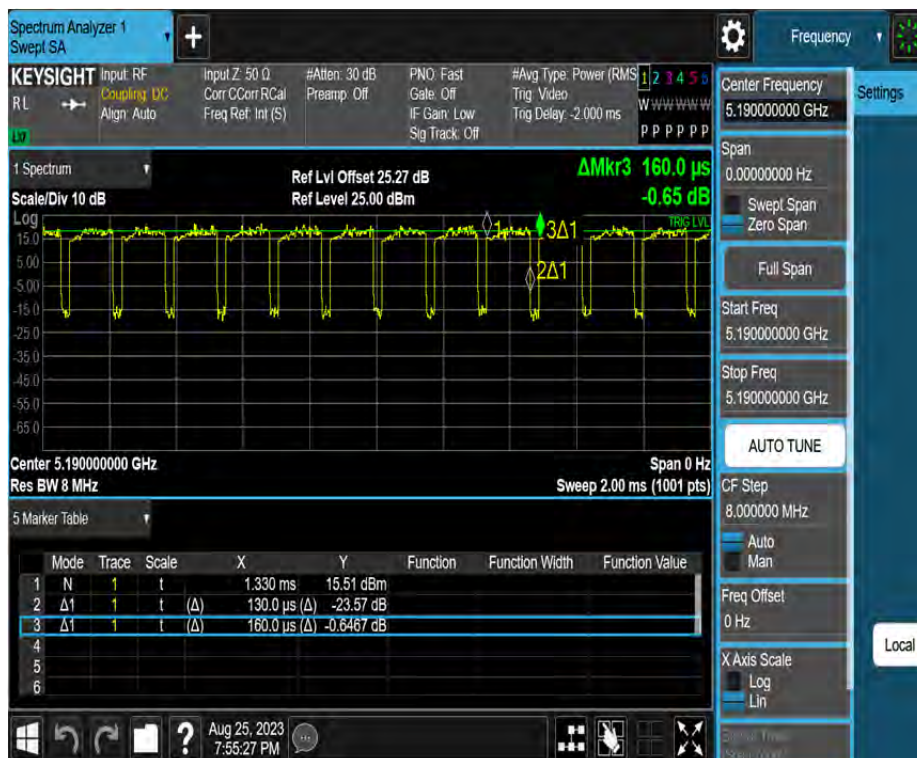
11N40MIMO_Ant1_5190



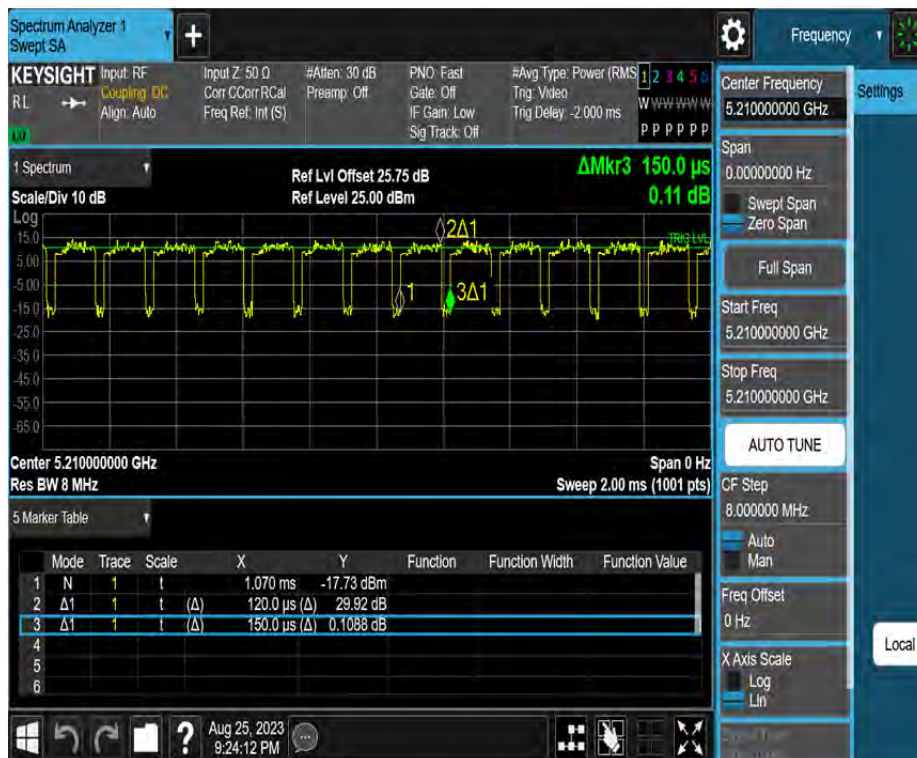
11AC20MIMO_Ant1_5180



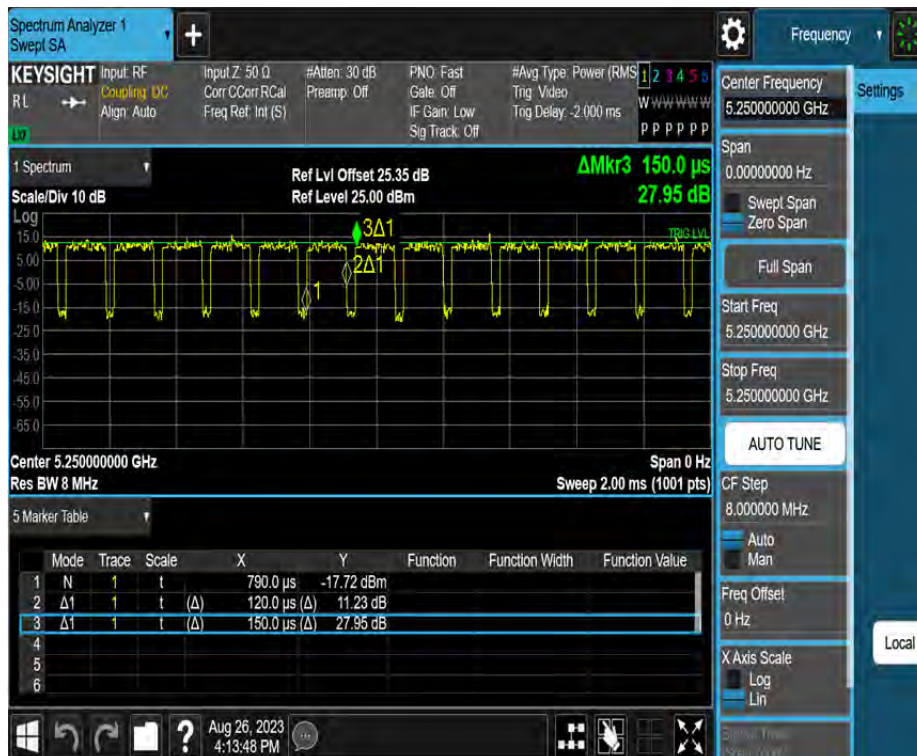
11AC40MIMO_Ant1_5190



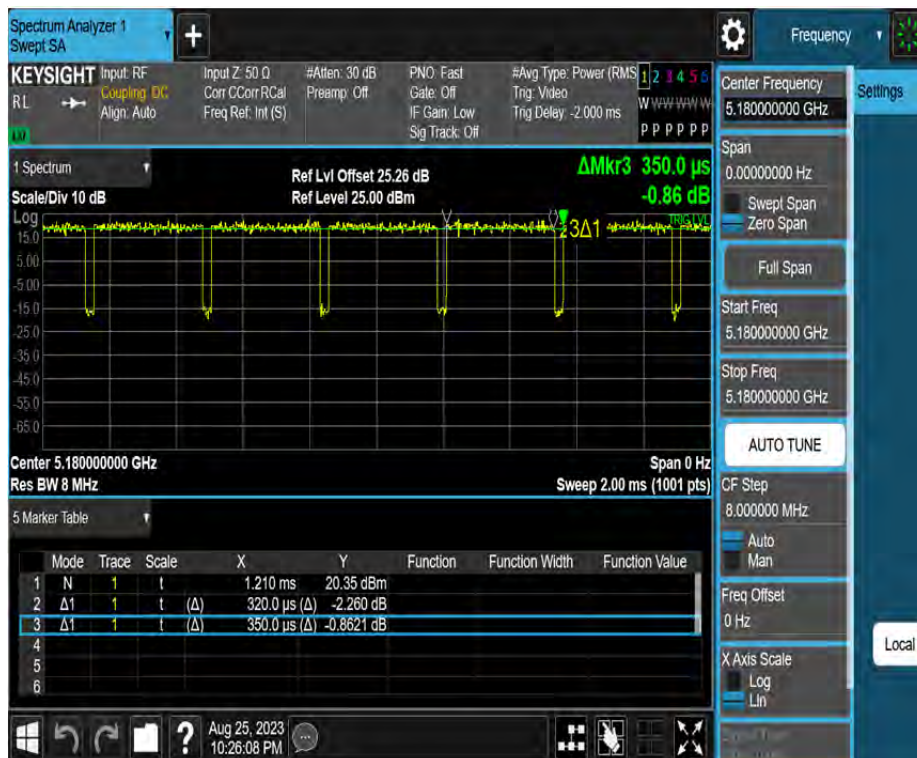
11AC80MIMO_Ant1_5210



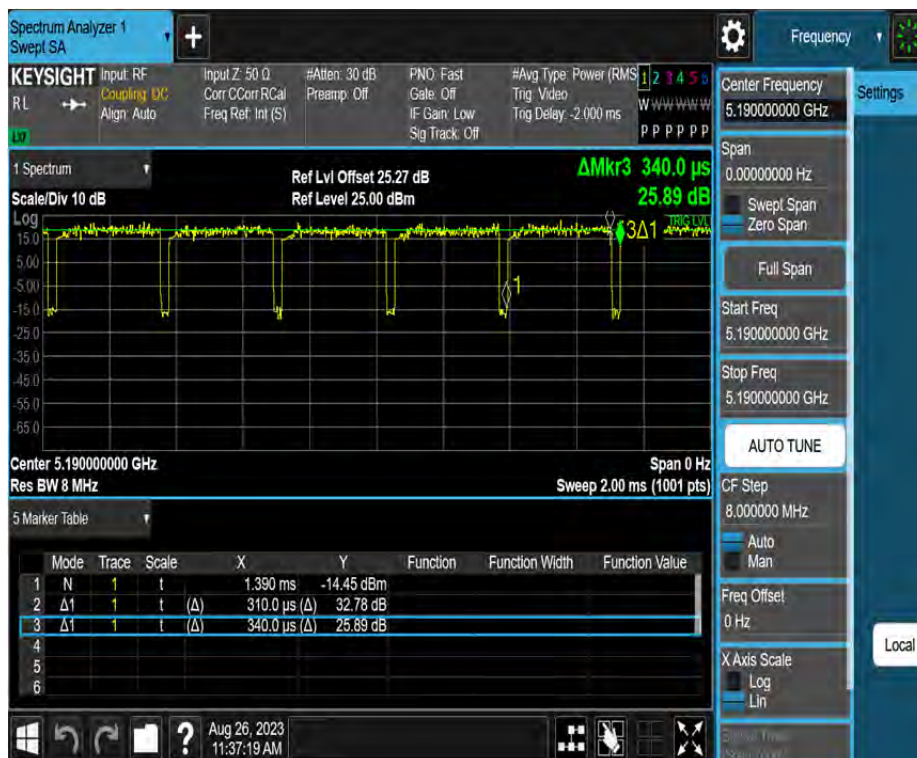
11AC160MIMO_Ant1_5570



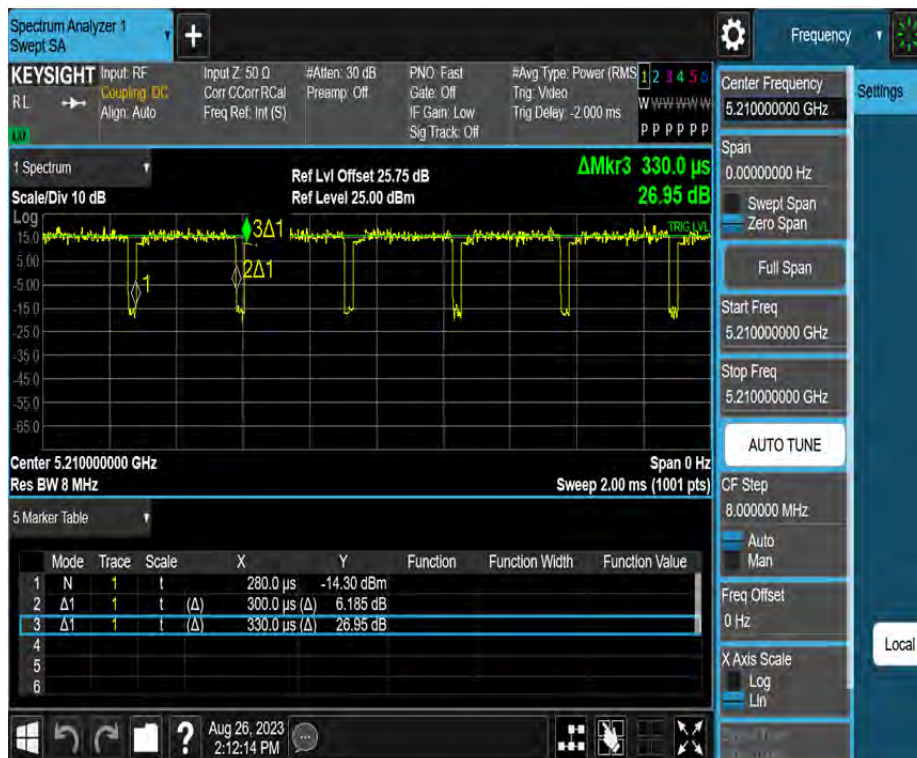
11AX20MIMO_Ant1_5180



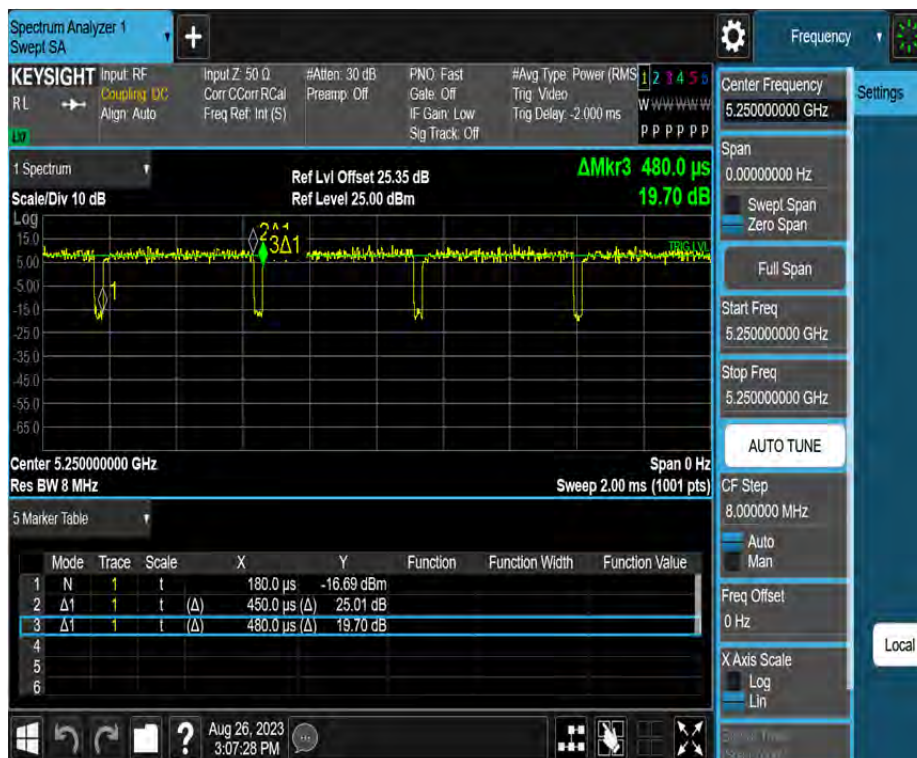
11AX40MIMO_Ant1_5190



11AX80MIMO_Ant1_5210



11AX160MIMO_Ant1_5250



2.7 Measurement Uncertainty

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

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 143.88\text{kHz}$
Power Spectral Density	$\pm 0.743\text{dB}$
Conducted Spurious Emission	$\pm 1.328\text{dB}$
RF power conducted	$\pm 0.384\text{dB}$
Conducted emission(9kHz~30MHz) AC main	$\pm 2.72\text{dB}$
Radiated emission(9kHz~30MHz)	$\pm 2.66\text{dB}$
Radiated emission (30MHz~1GHz)	$\pm 4.62\text{dB}$
Radiated emission (1GHz~18GHz)	$\pm 4.86\text{dB}$
Radiated emission (18GHz~40GHz)	$\pm 3.80\text{dB}$

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

Support Equipment				
No.	Equipment	Model Name	Manufacturer	Remarks
1	Telephone 1	/	/	/
2	Telephone 2	/	/	/
3	Microcomputer	TY510S-07IAB	LENOVO	Y LX2QPQJ
4	Microcomputer	TY510S-07IAB	LENOVO	Y LX2QPM7
5	Microcomputer	M4600t-N000	LENOVO	M703V3VF
6	Notebook	L450	Think	/
7	Notebook	L450	Think	/
8	USB Disk	/	Kingston	/
9	Optical local terminal	C300	/	/

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.

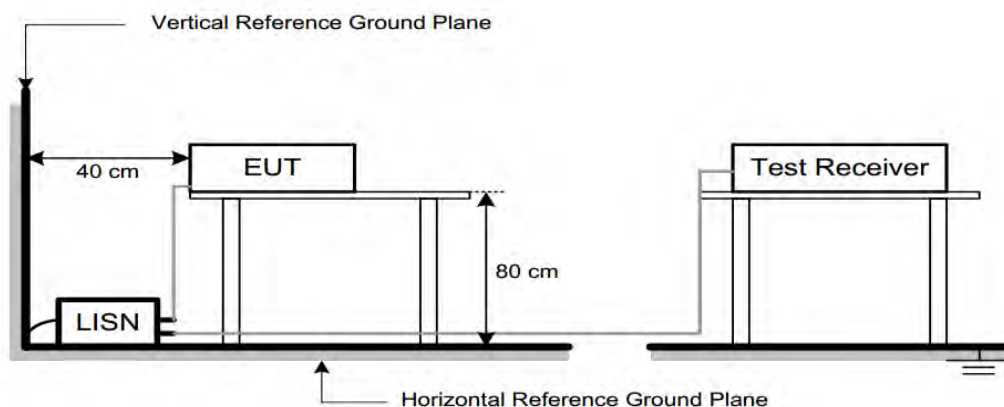
2. The lower limit shall apply at the transition frequencies.

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

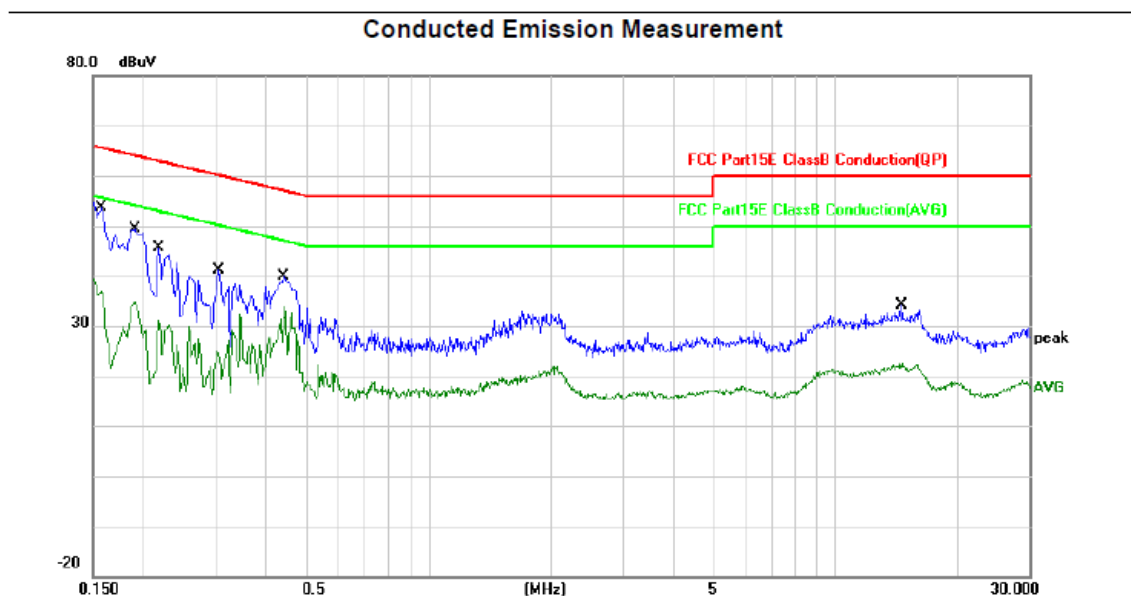
Note:

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 AC20MIMO Mode Channel 149 is found to be the worst case and recorded.

For model mane: HT-360AXE

150kHz~30MHz	TX AC20MIMO Channel 149
--------------	-------------------------

Line



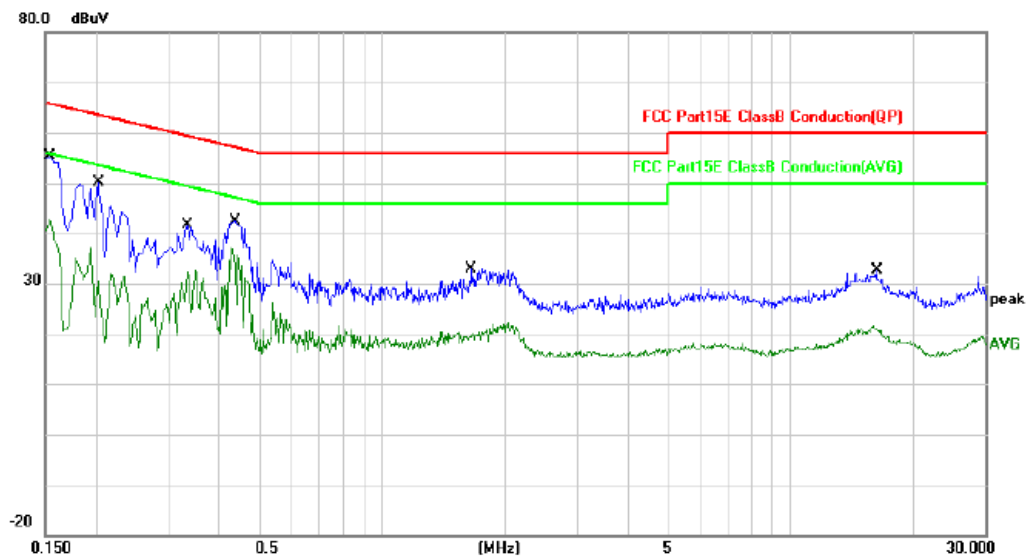
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	31.93	19.88	51.81	65.57	-13.76	QP	
2		0.1580	13.13	19.88	33.01	55.57	-22.56	AVG	
3		0.1900	26.74	19.88	46.62	64.04	-17.42	QP	
4		0.1900	12.49	19.88	32.37	54.04	-21.67	AVG	
5		0.2180	21.75	19.88	41.63	62.89	-21.26	QP	
6		0.2180	5.80	19.88	25.68	52.89	-27.21	AVG	
7		0.3060	12.34	19.88	32.22	60.08	-27.86	QP	
8		0.3060	1.32	19.88	21.20	50.08	-28.88	AVG	
9		0.4420	16.82	19.88	36.70	57.02	-20.32	QP	
10		0.4420	8.14	19.88	28.02	47.02	-19.00	AVG	
11		14.5780	6.85	20.00	26.85	60.00	-33.15	QP	
12		14.5780	1.02	20.00	21.02	50.00	-28.98	AVG	

150kHz~30MHz

TX AC20MIMO Channel 149

Neutral

Conducted Emission Measurement



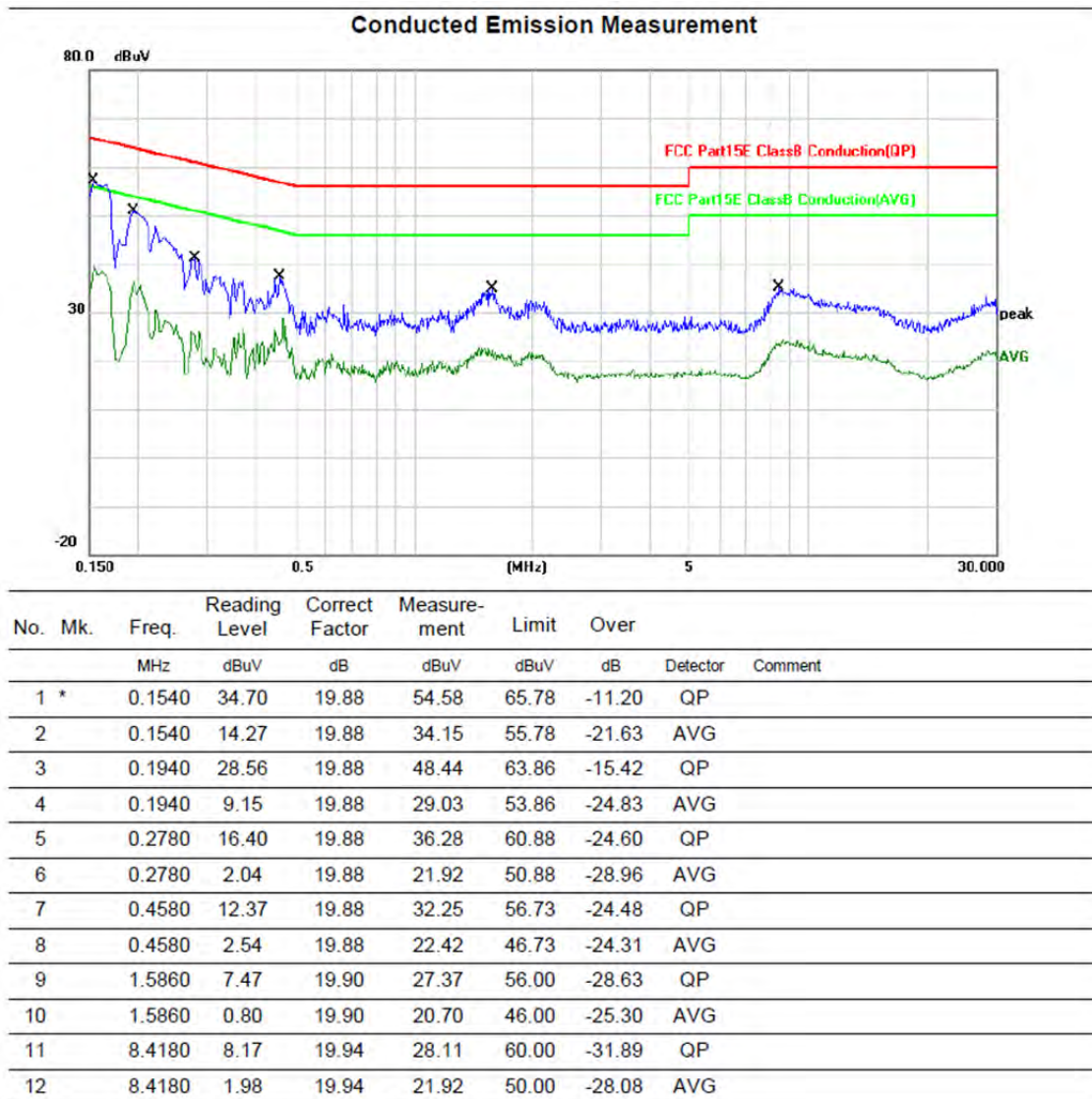
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	33.39	19.88	53.27	65.78	-12.51	QP	
2		0.1540	18.38	19.88	38.26	55.78	-17.52	AVG	
3		0.2020	21.96	19.88	41.84	63.53	-21.69	QP	
4		0.2020	4.03	19.88	23.91	53.53	-29.62	AVG	
5		0.3340	16.75	19.88	36.63	59.35	-22.72	QP	
6		0.3340	7.14	19.88	27.02	49.35	-22.33	AVG	
7		0.4380	20.48	19.88	40.36	57.10	-16.74	QP	
8		0.4380	10.98	19.88	30.86	47.10	-16.24	AVG	
9		1.6620	7.34	19.90	27.24	56.00	-28.76	QP	
10		1.6620	-0.24	19.90	19.66	46.00	-26.34	AVG	
11		16.3060	5.40	20.02	25.42	60.00	-34.58	QP	
12		16.3060	0.01	20.02	20.03	50.00	-29.97	AVG	

For model mane: HT-360AXG

150kHz~30MHz

TX AC20MIMO Channel 149

Line

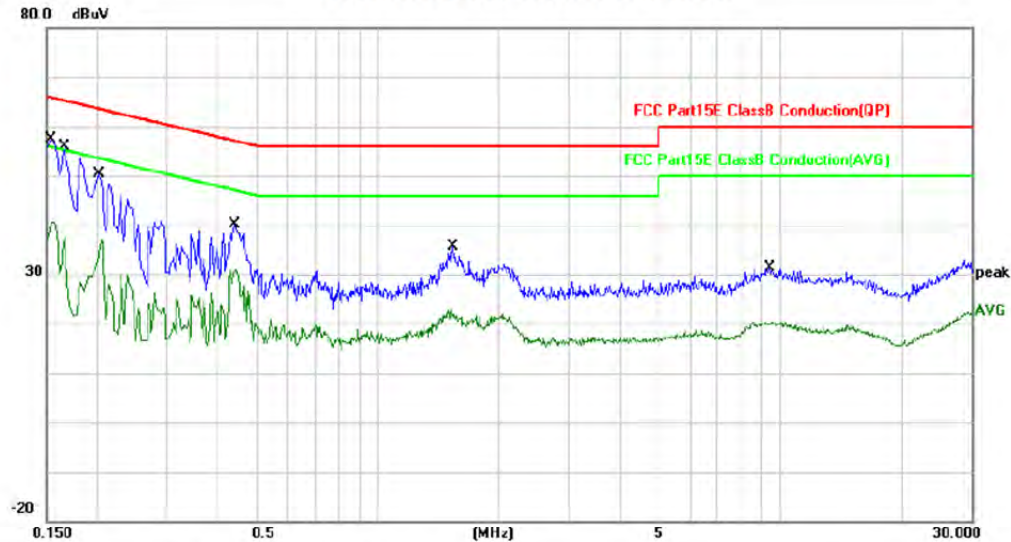


150kHz~30MHz

TX AC20MIMO Channel 149

Neutral

Conducted Emission Measurement



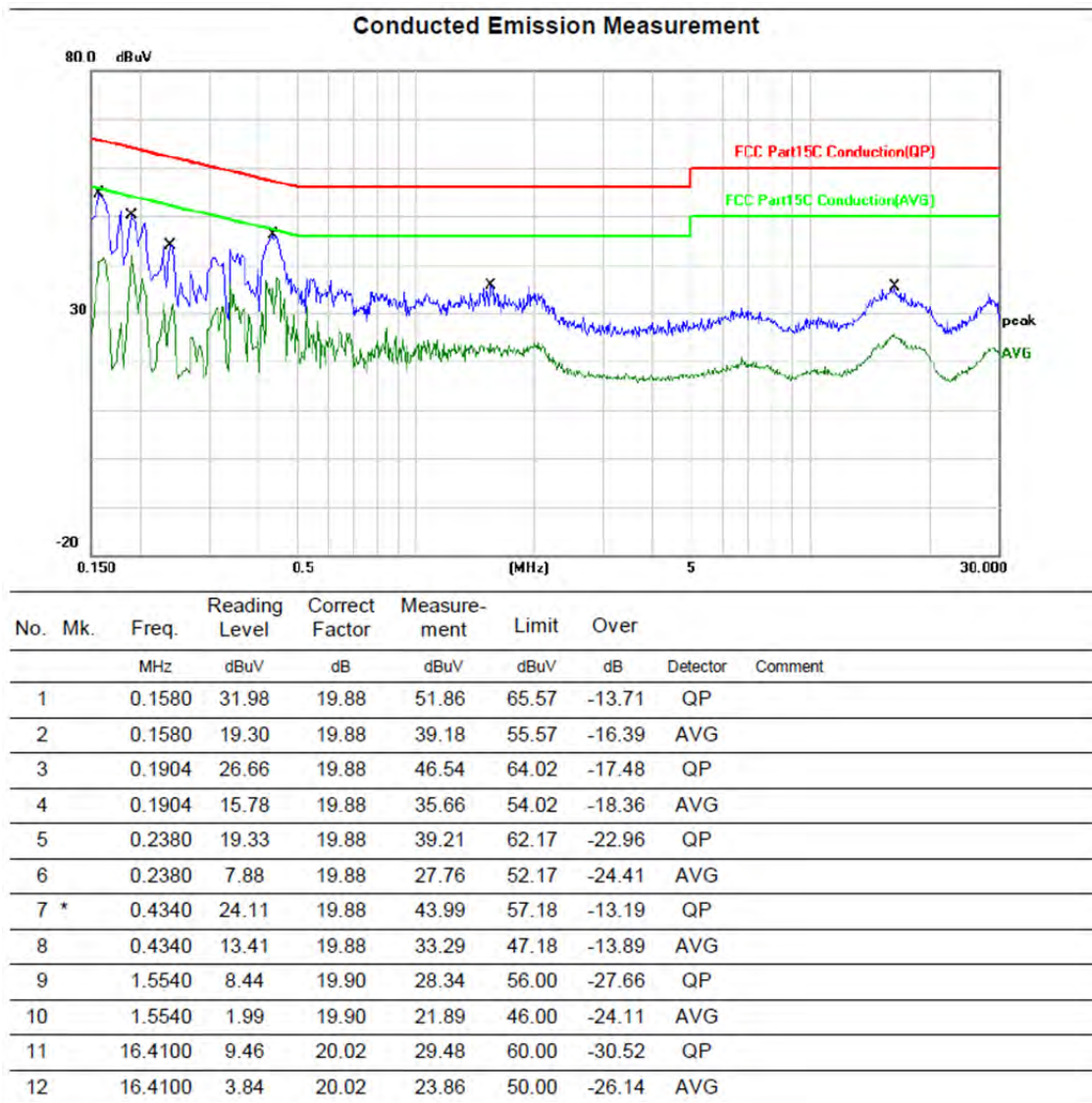
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1540	34.81	19.88	54.69	65.78	-11.09	QP	
2		0.1540	14.87	19.88	34.75	55.78	-21.03	AVG	
3		0.1660	33.22	19.88	53.10	65.16	-12.06	QP	
4		0.1660	14.28	19.88	34.16	55.16	-21.00	AVG	
5		0.2020	27.57	19.88	47.45	63.53	-16.08	QP	
6		0.2020	12.09	19.88	31.97	53.53	-21.56	AVG	
7		0.4420	15.89	19.88	35.77	57.02	-21.25	QP	
8		0.4420	6.34	19.88	26.22	47.02	-20.80	AVG	
9		1.5420	7.40	19.90	27.30	56.00	-28.70	QP	
10		1.5420	1.02	19.90	20.92	46.00	-25.08	AVG	
11		9.4620	4.84	19.95	24.79	60.00	-35.21	QP	
12		9.4620	-1.07	19.95	18.88	50.00	-31.12	AVG	

For model mane: HT-360AXI

150kHz~30MHz

TX AC20MIMO Channel 149

Line

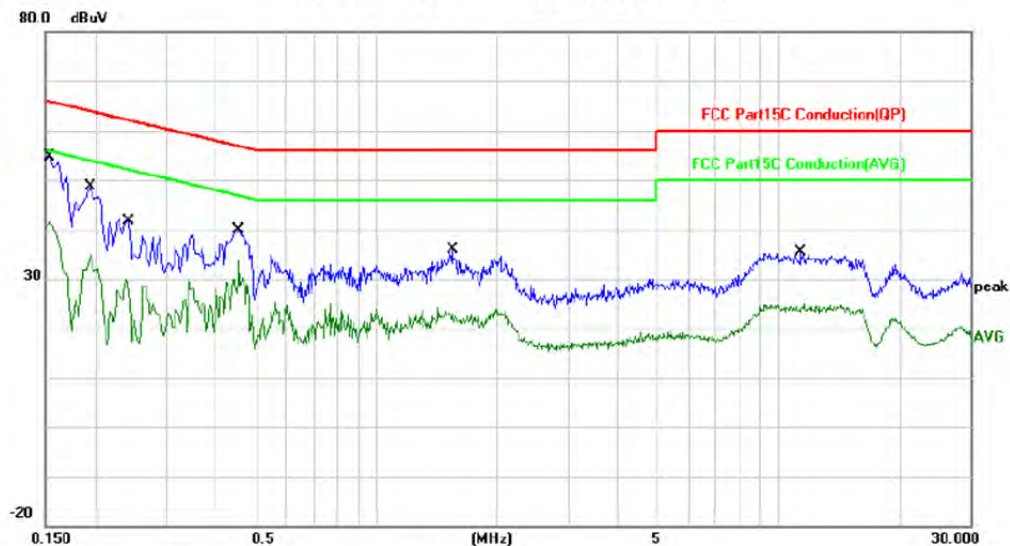


150kHz~30MHz

TX AC20MIMO Channel 149

Neutral

Conducted Emission Measurement



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1540	32.59	19.88	52.47	65.78	-13.31	QP	
2		0.1540	17.50	19.88	37.38	55.78	-18.40	AVG	
3		0.1940	25.56	19.88	45.44	63.86	-18.42	QP	
4		0.1940	11.81	19.88	31.69	53.86	-22.17	AVG	
5		0.2420	17.85	19.88	37.73	62.03	-24.30	QP	
6		0.2420	4.25	19.88	24.13	52.03	-27.90	AVG	
7		0.4540	17.31	19.88	37.19	56.80	-19.61	QP	
8		0.4540	7.73	19.88	27.61	46.80	-19.19	AVG	
9		1.5500	8.69	19.90	28.59	56.00	-27.41	QP	
10		1.5500	1.90	19.90	21.80	46.00	-24.20	AVG	
11		11.4300	8.66	19.97	28.63	60.00	-31.37	QP	
12		11.4300	2.34	19.97	22.31	50.00	-27.69	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(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 $\mu\text{V}/\text{m}$

(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.

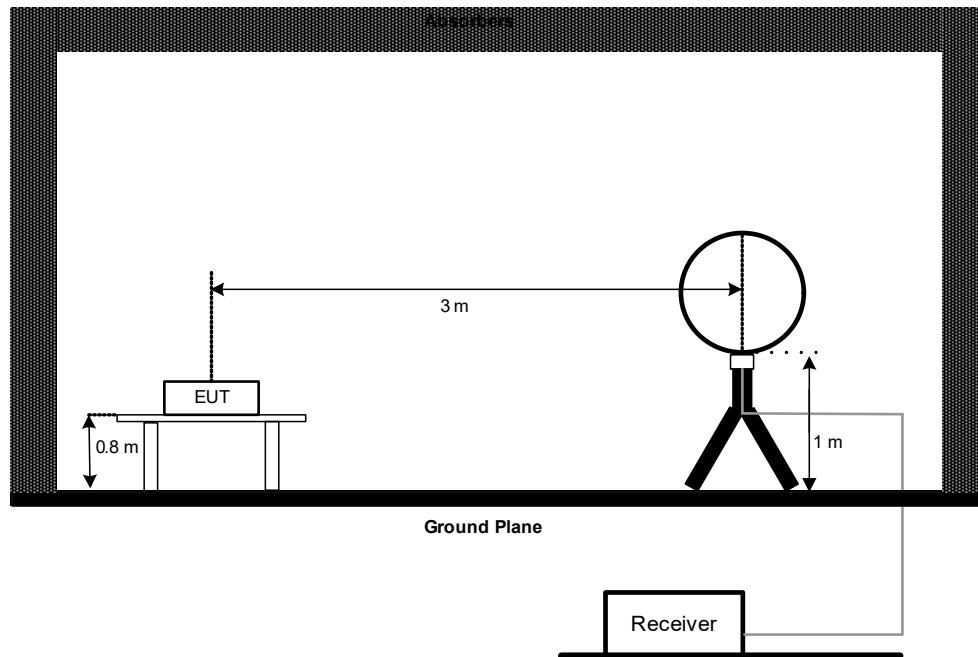
3.2.2 Test Procedure

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	

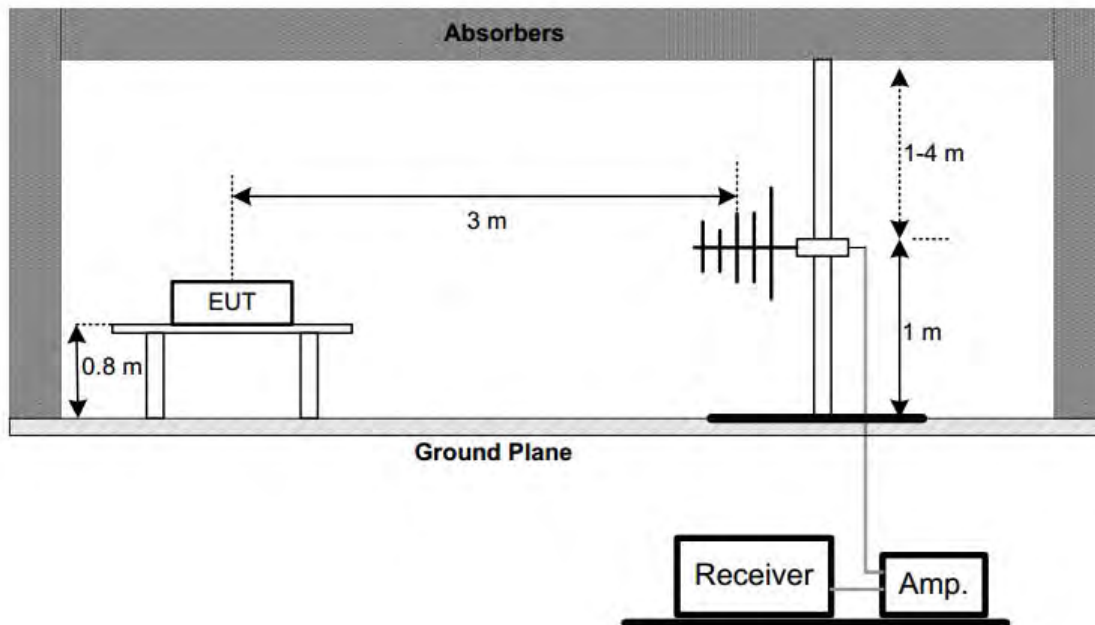
- a) The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b) The measuring distance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

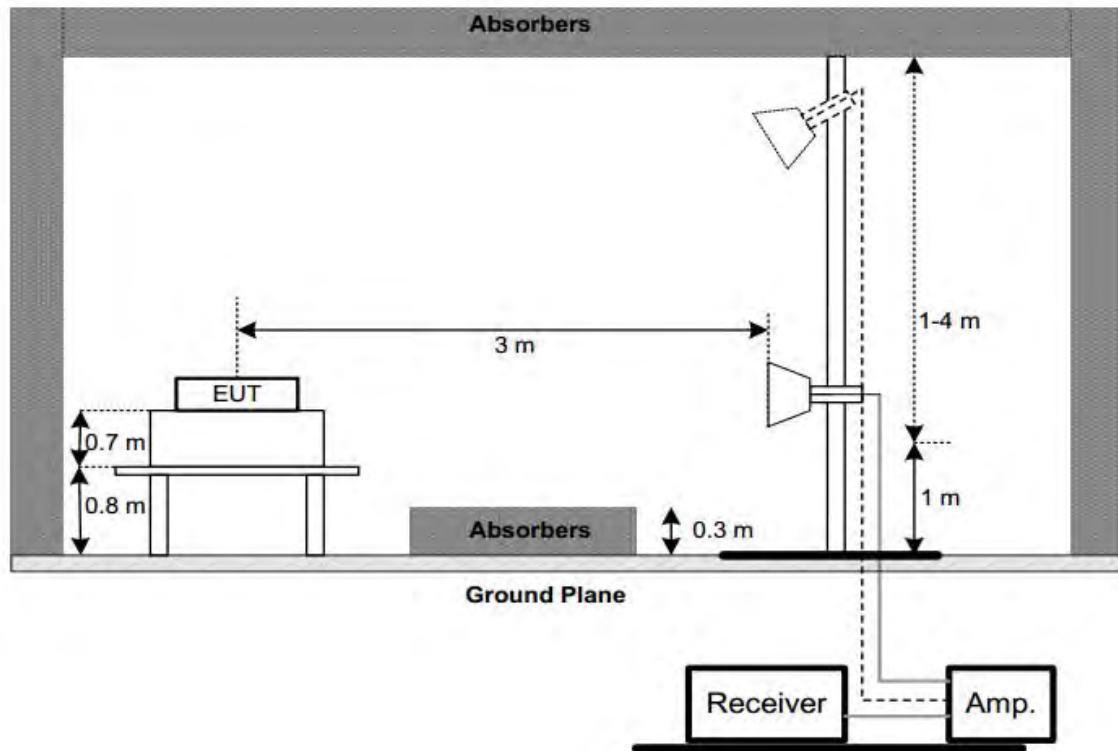
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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

Pre-scan beamform mode and non-beamform mode, worst case for non-beamform mode is recorded.

1) Radiated emission: 9kHz-30MHz

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

2) Radiated emission: 30MHz-1G

Note:

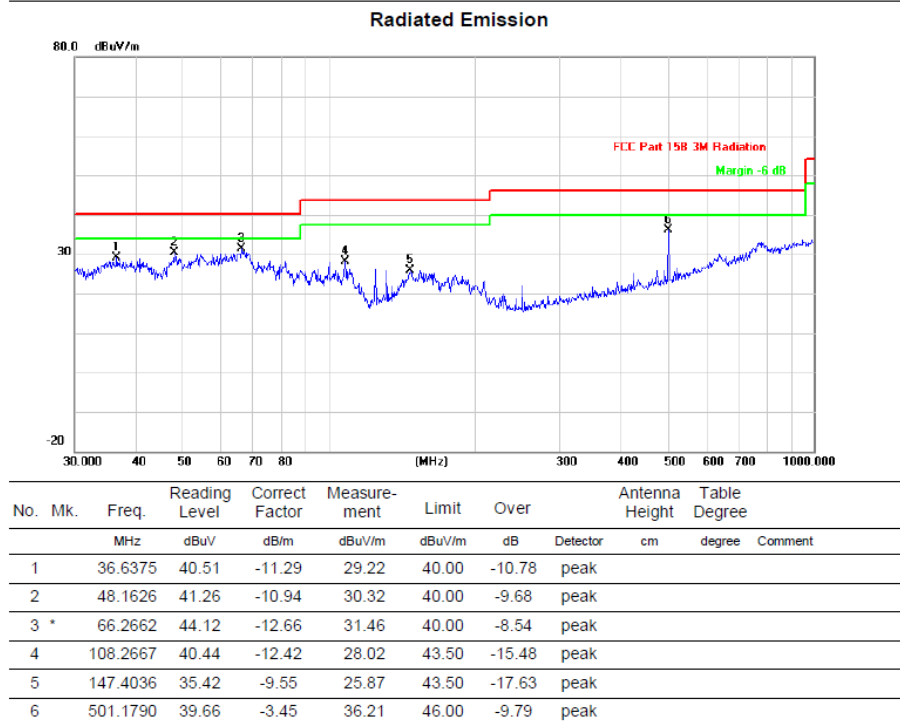
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX AC20MIMO Mode Channel 149 is found to be the worst case and recorded.

For model name: HT-360AXE

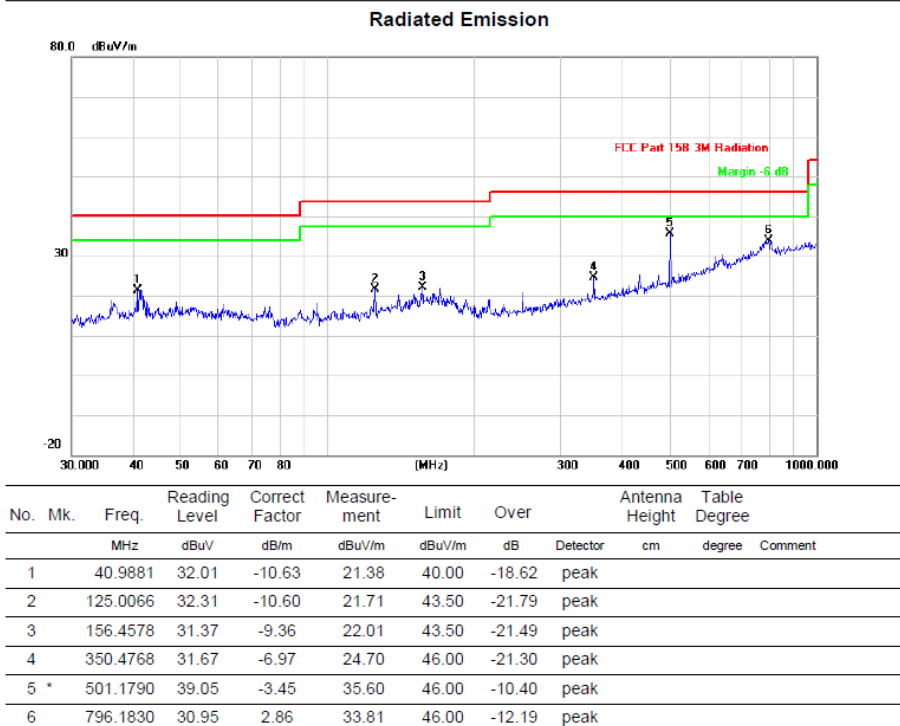
Below 1G (30MHz~1GHz)

TX AC20MIMO Channel 149

VERTICAL



HORIZONTAL

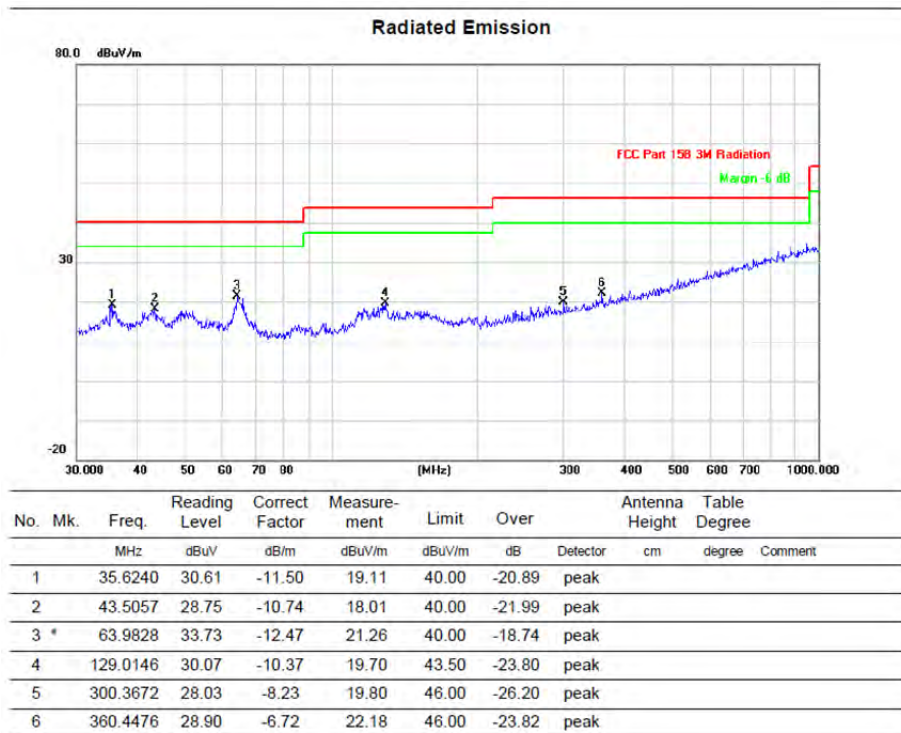


For model mane: HT-360AXG

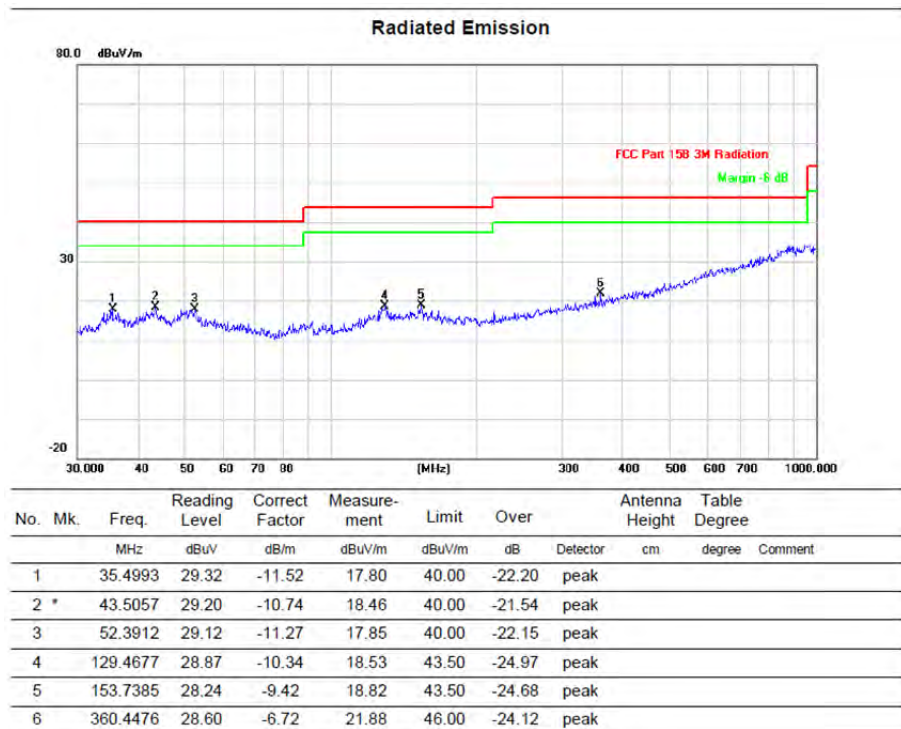
Below 1G (30MHz~1GHz)

TX AC20MIMO Channel 149

VERTICAL



HORIZONTAL

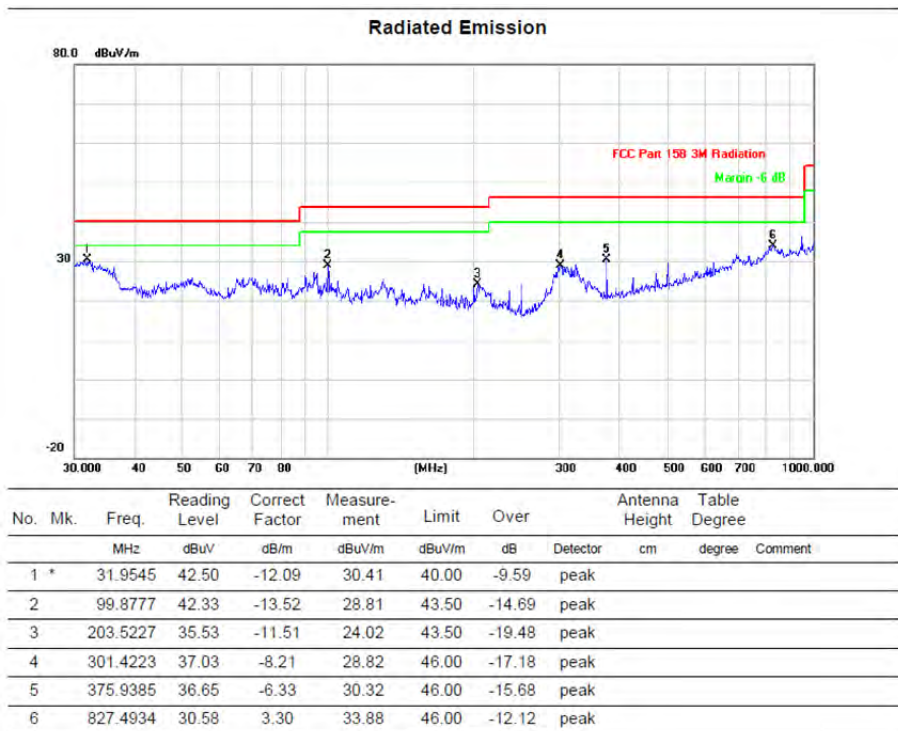


For model mane: HT-360AXI

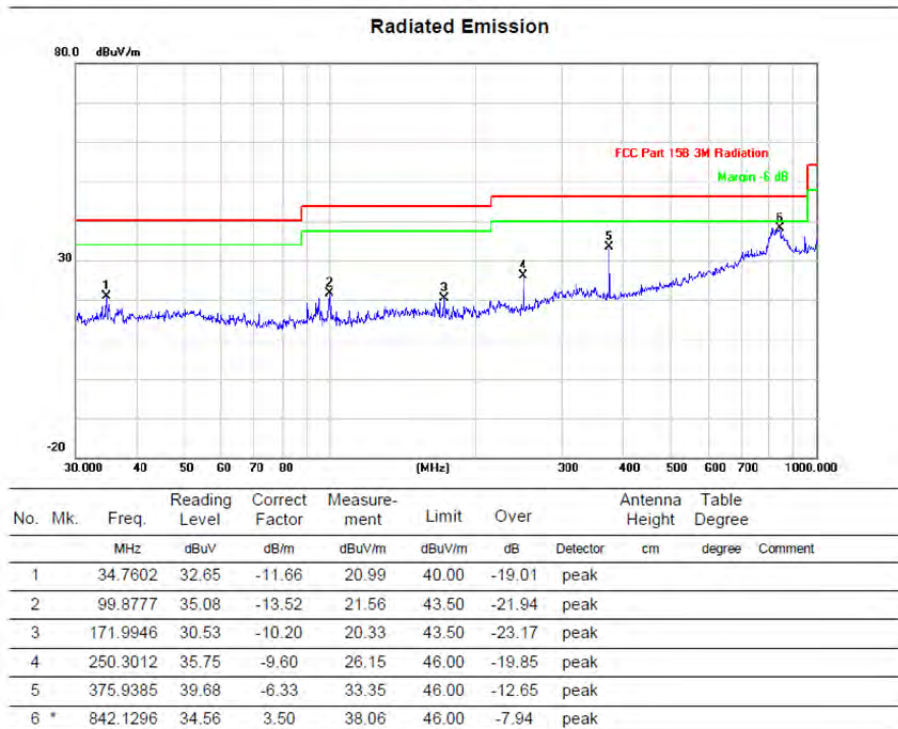
Below 1G (30MHz~1GHz)

TX AC20MIMO Channel 149

VERTICAL



HORIZONTAL



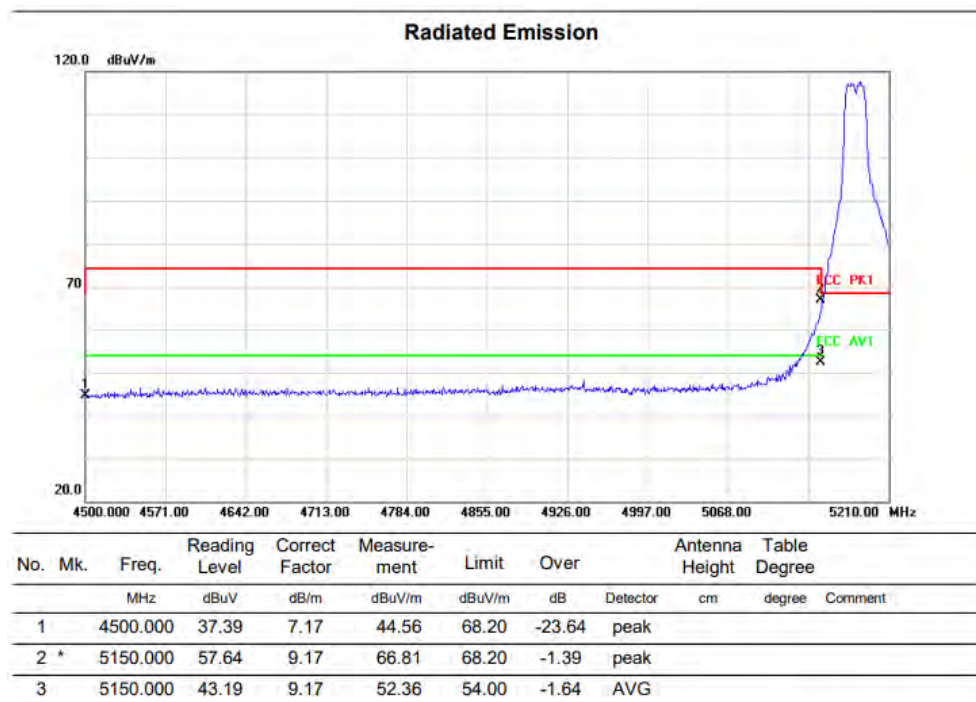
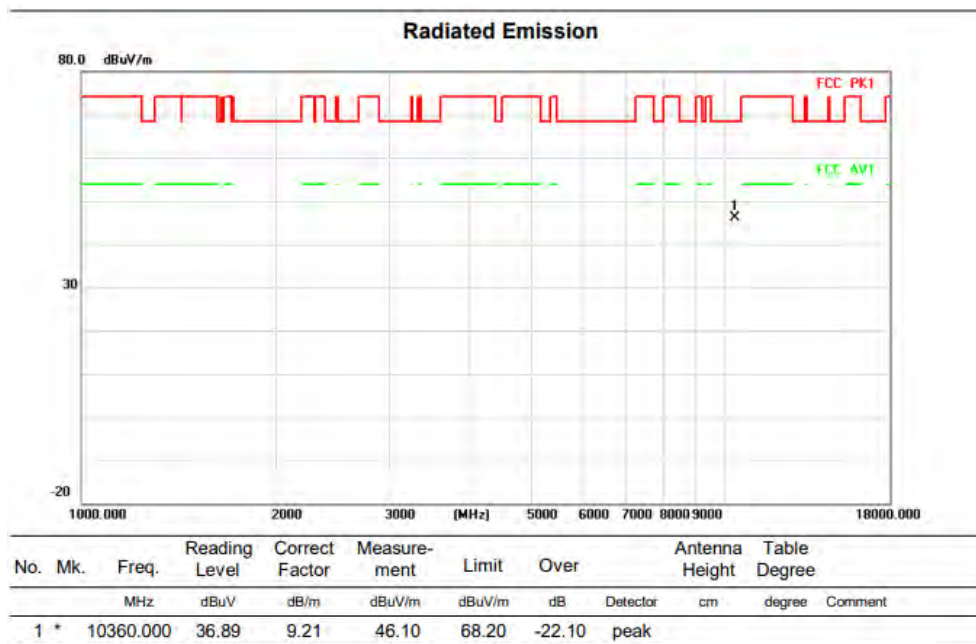
3) Radiated emission: Above 1G

Note:

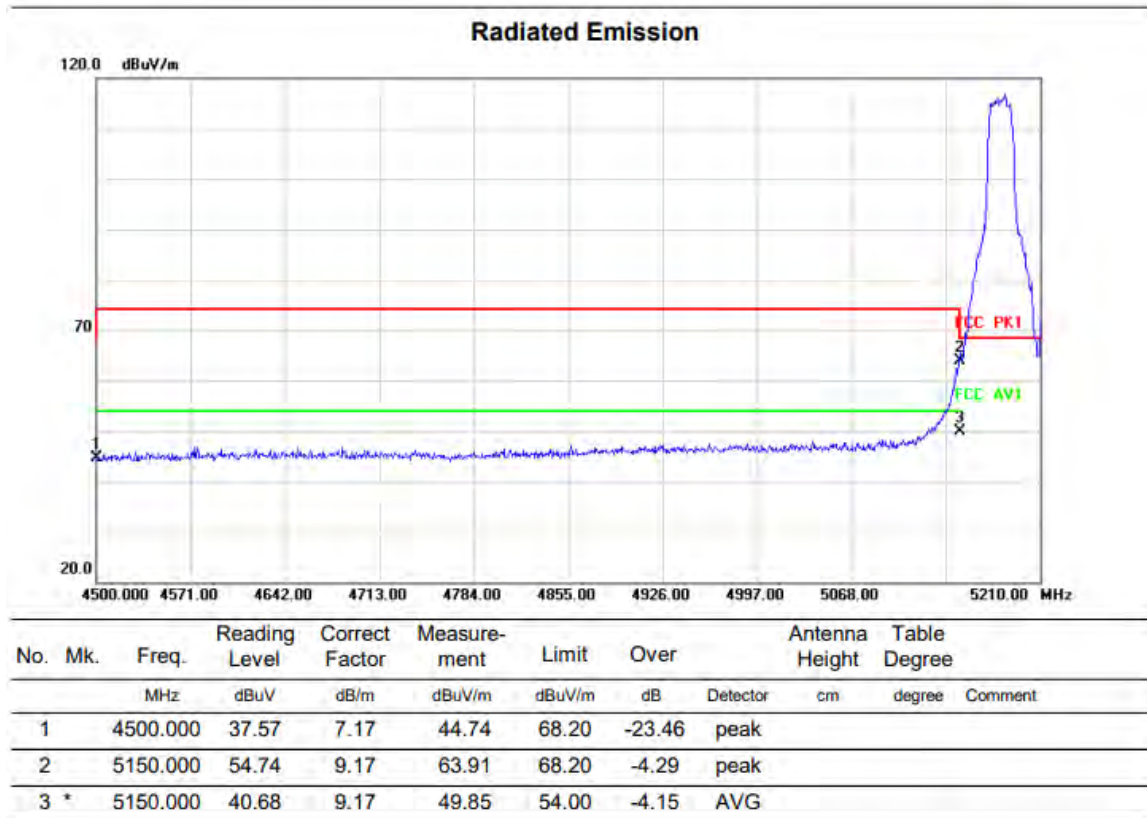
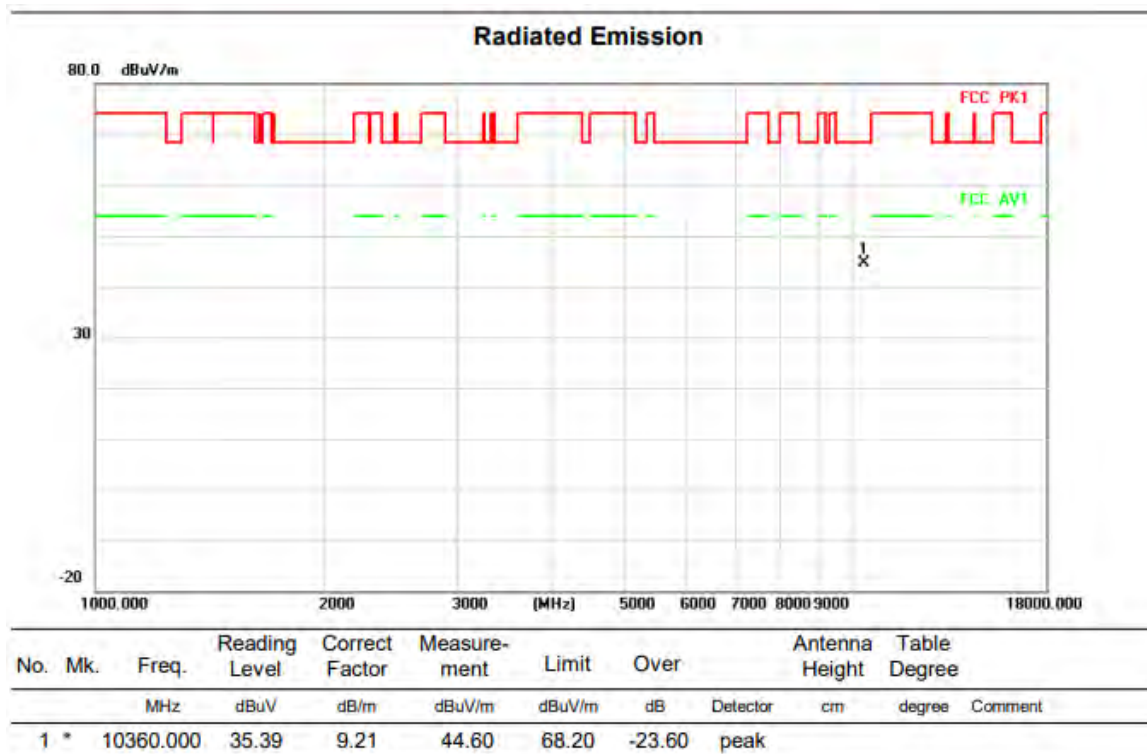
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

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

VERTICAL



HORIZONTAL

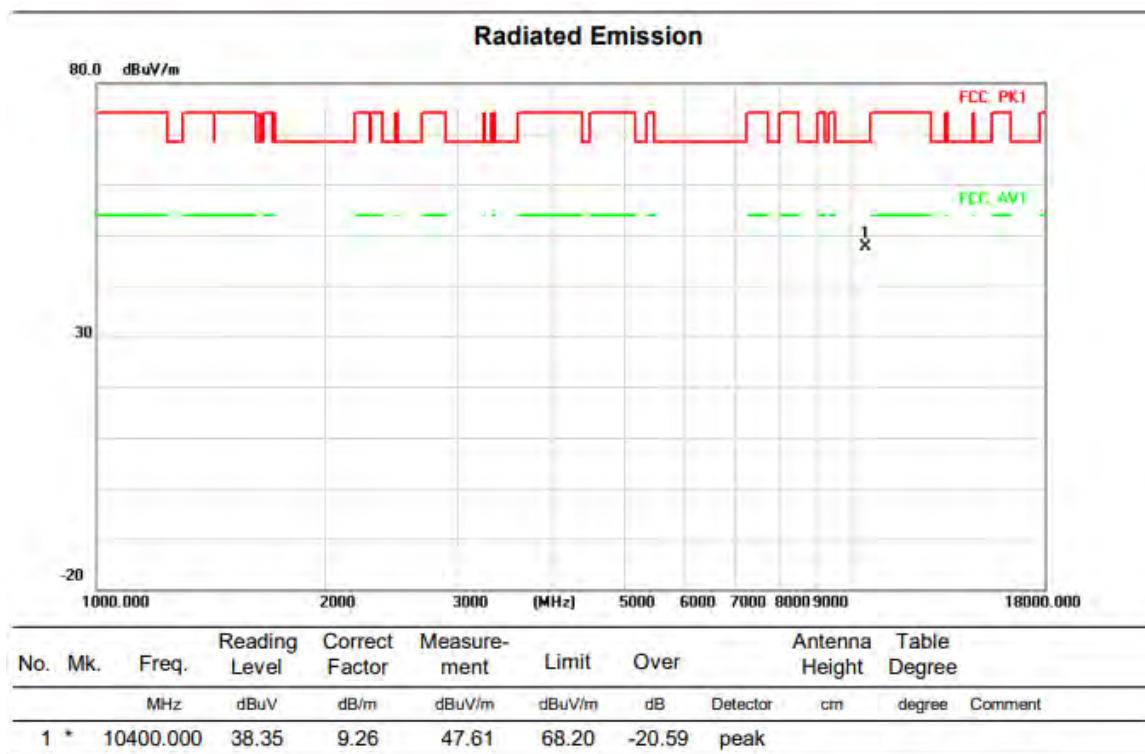


Above 1G (1GHz~18GHz)

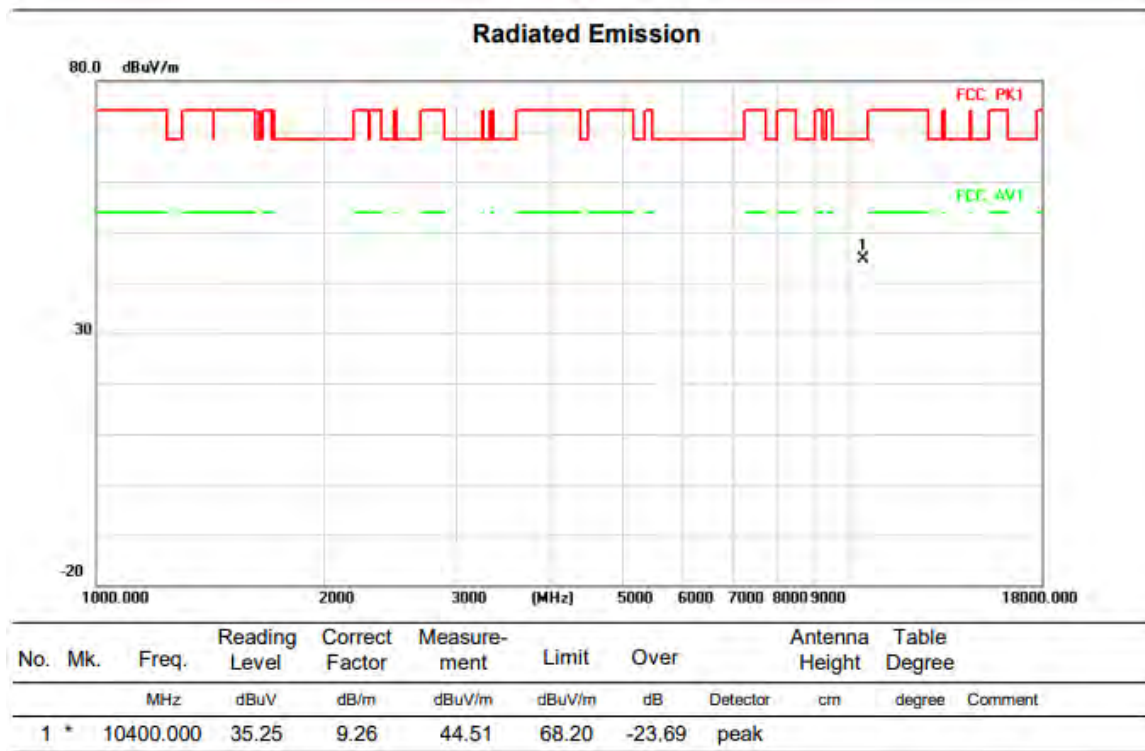
Test mode: 11A-CDD

Test Channel:40

VERTICAL



HORIZONTAL

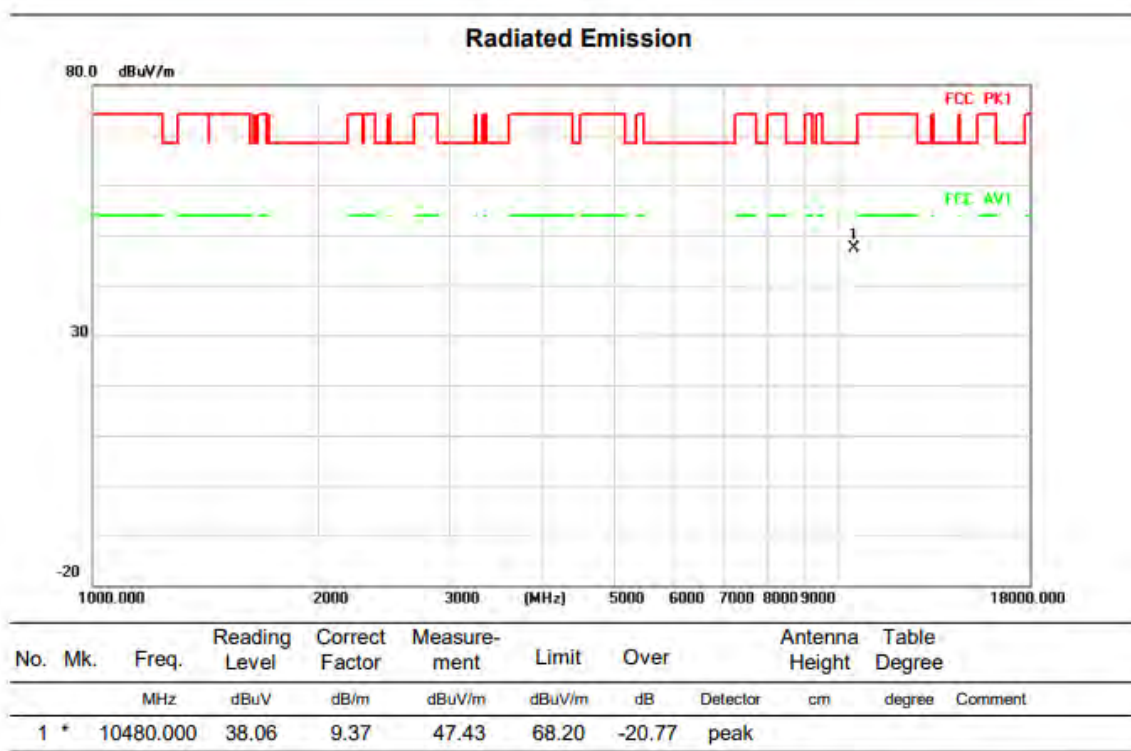


Above 1G (1GHz~18GHz)

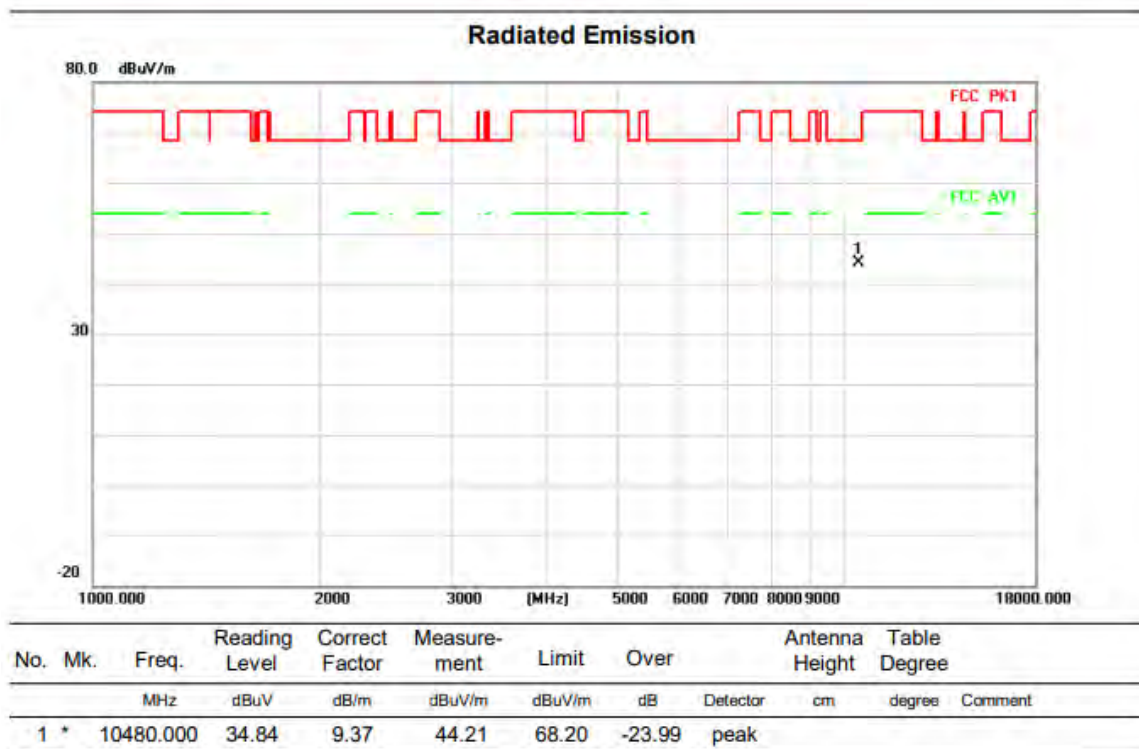
Test mode: 11A-CDD

Test Channel:48

VERTICAL



HORIZONTAL

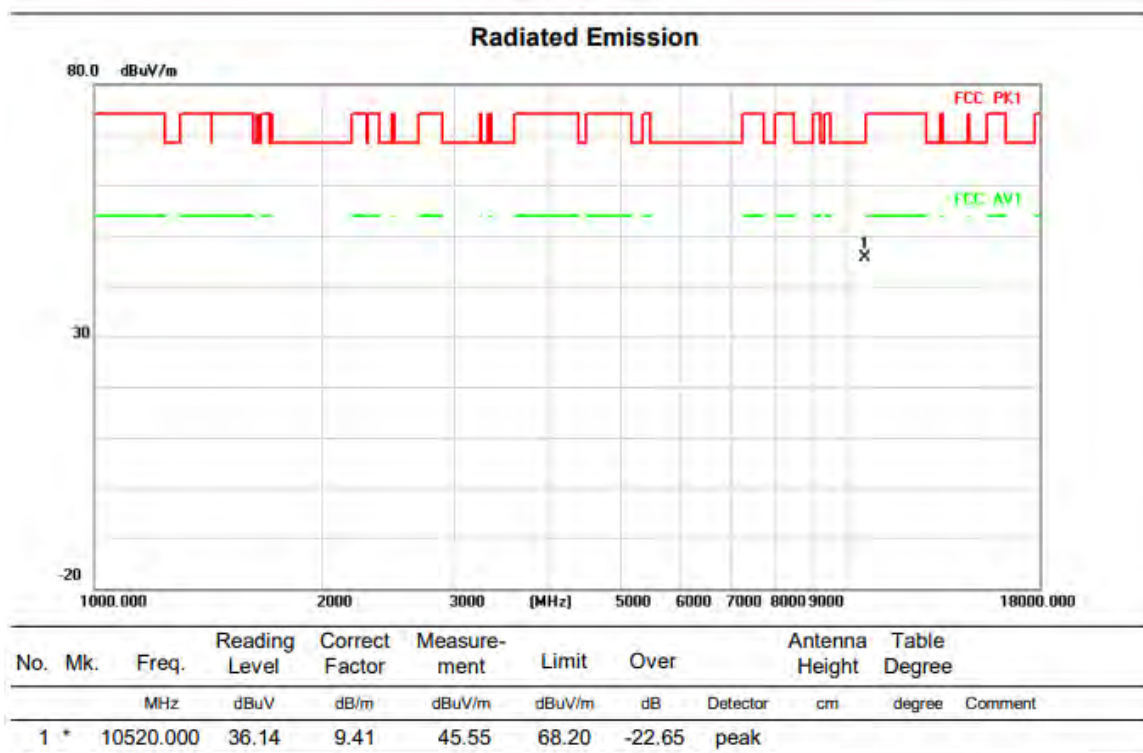


Above 1G (1GHz~18GHz)

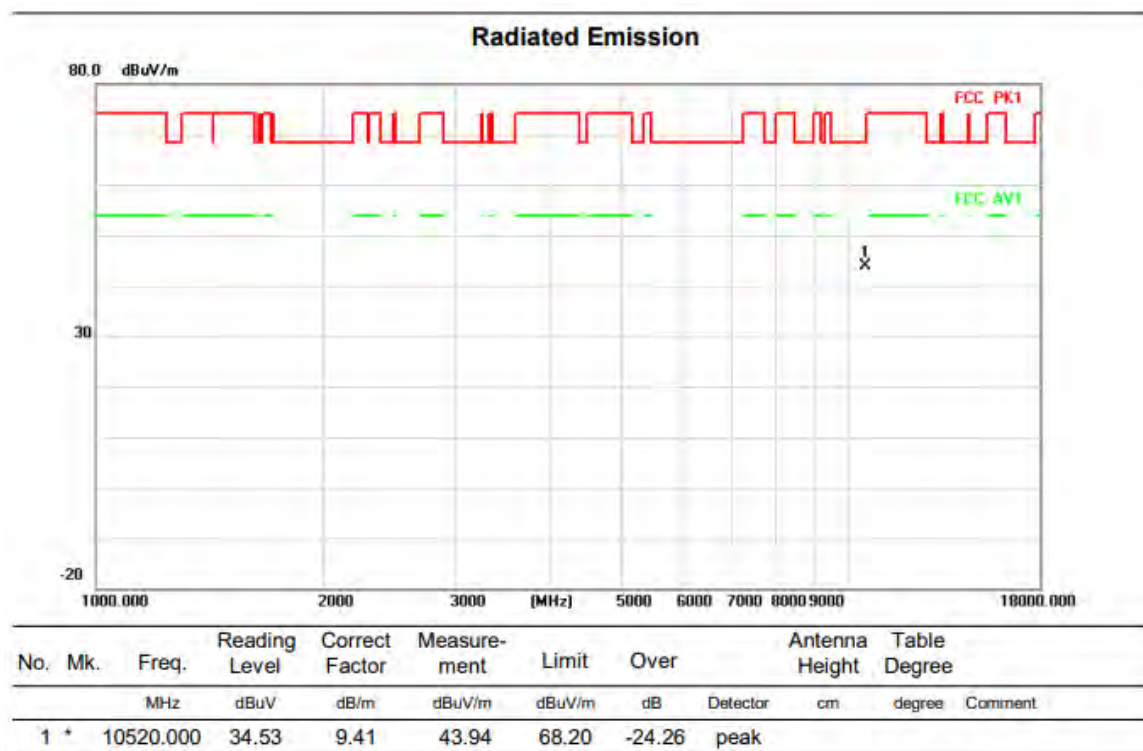
Test mode: 11A-CDD

Test Channel:52

VERTICAL



HORIZONTAL

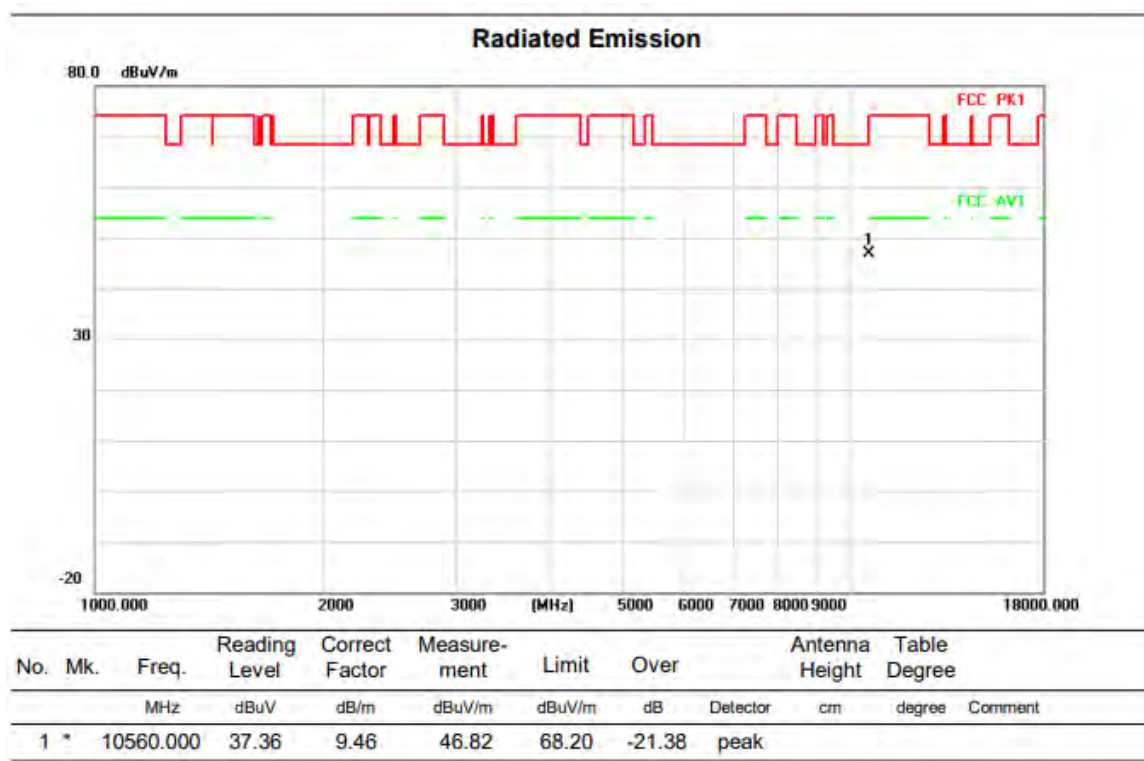


Above 1G (1GHz~18GHz)

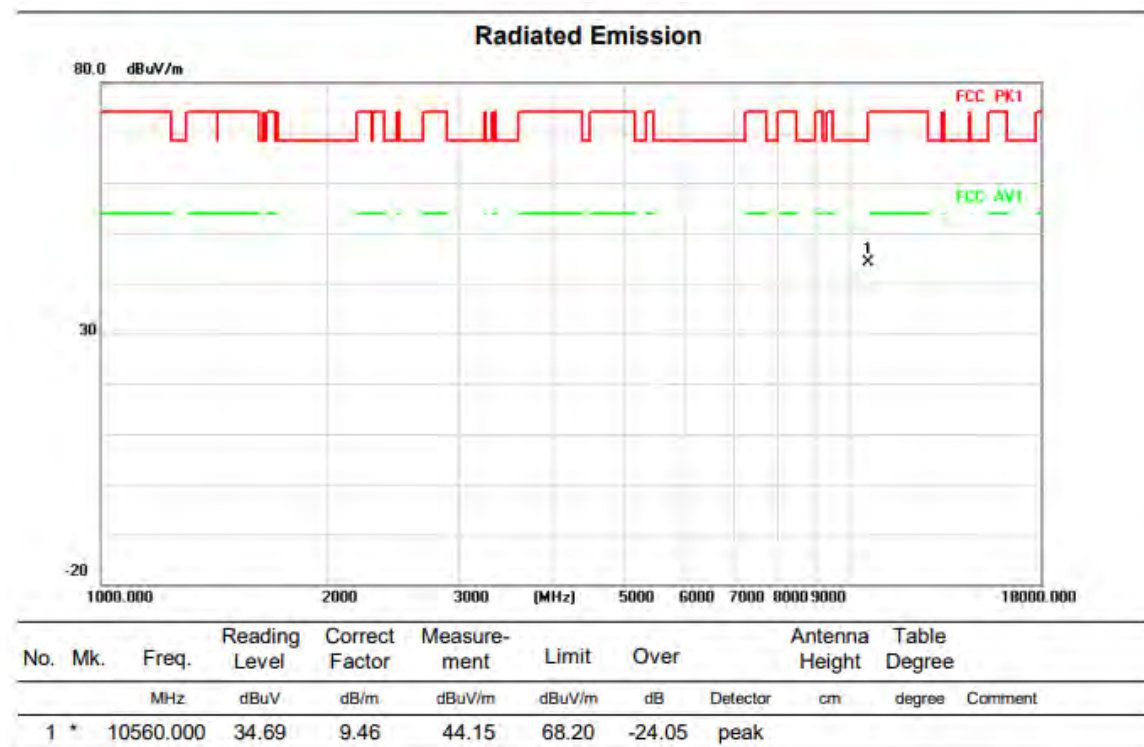
Test mode: 11A-CDD

Test Channel:56

VERTICAL



HORIZONTAL

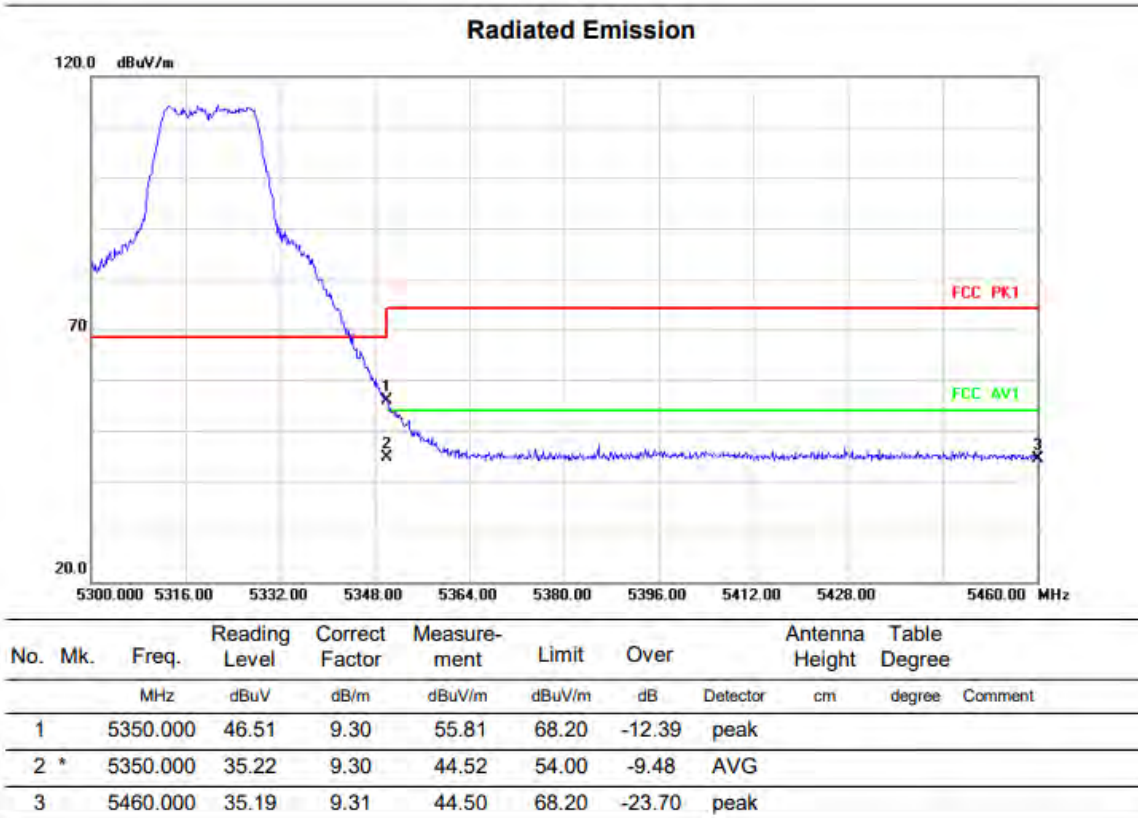
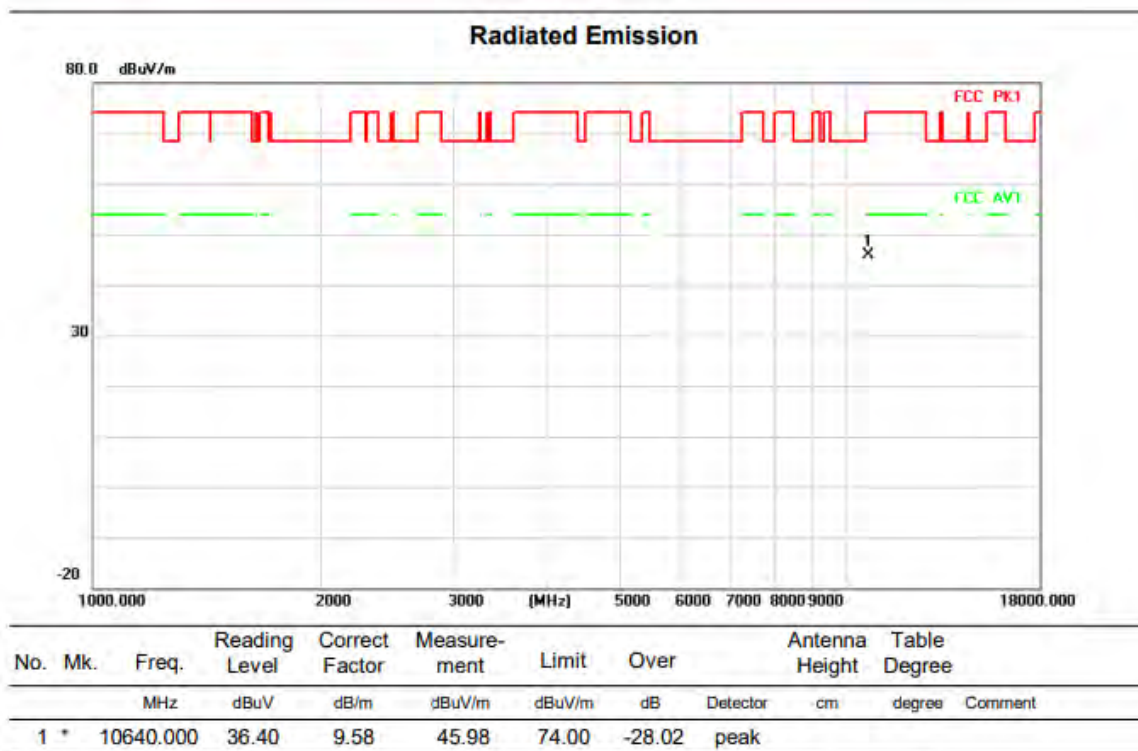


Above 1G (1GHz~18GHz)

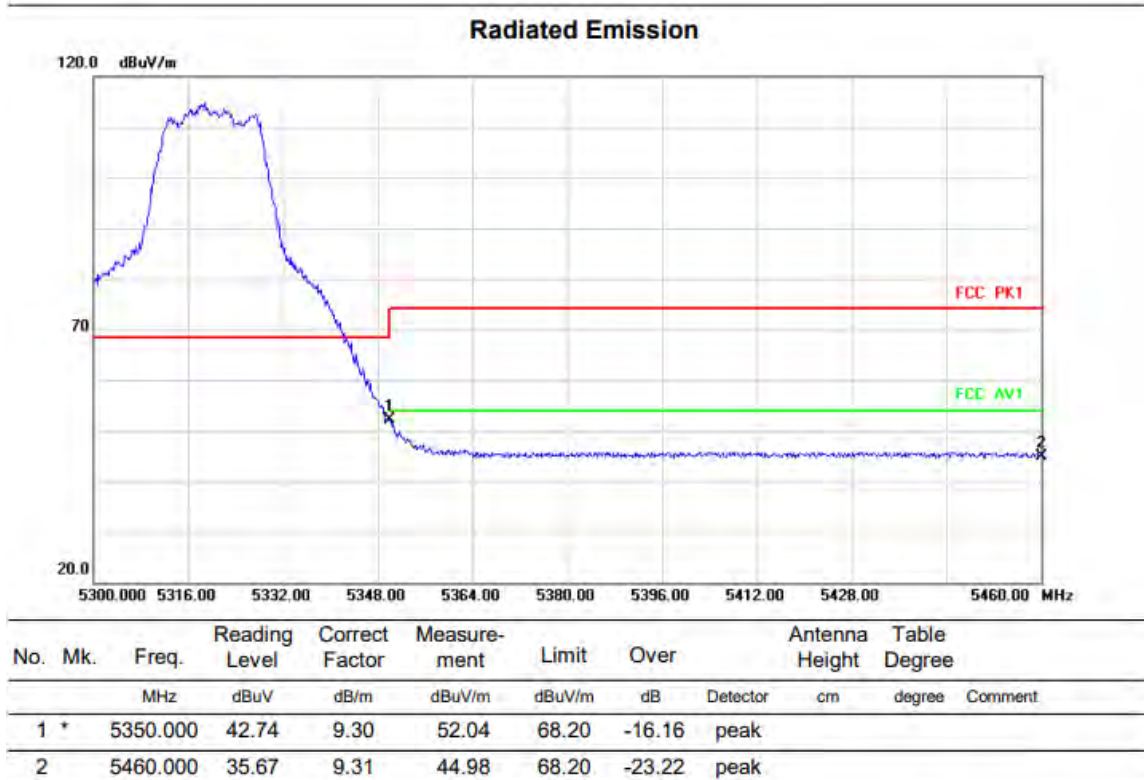
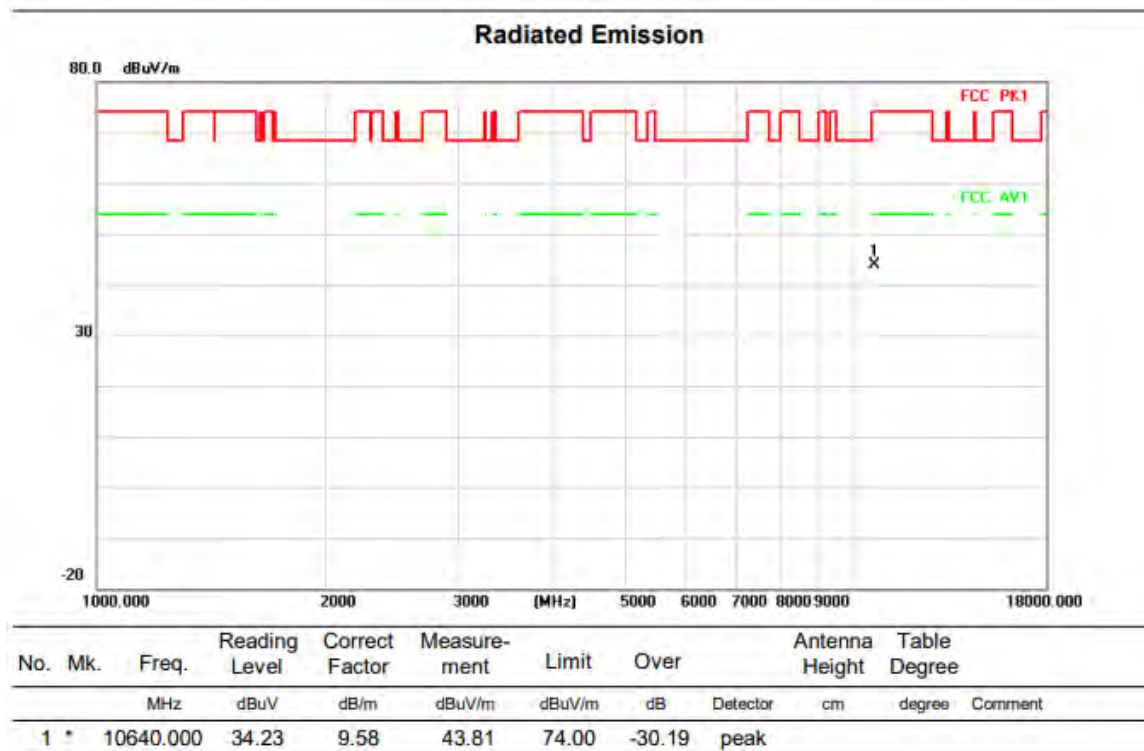
Test mode: 11A-CDD

Test Channel:64

VERTICAL



HORIZONTAL

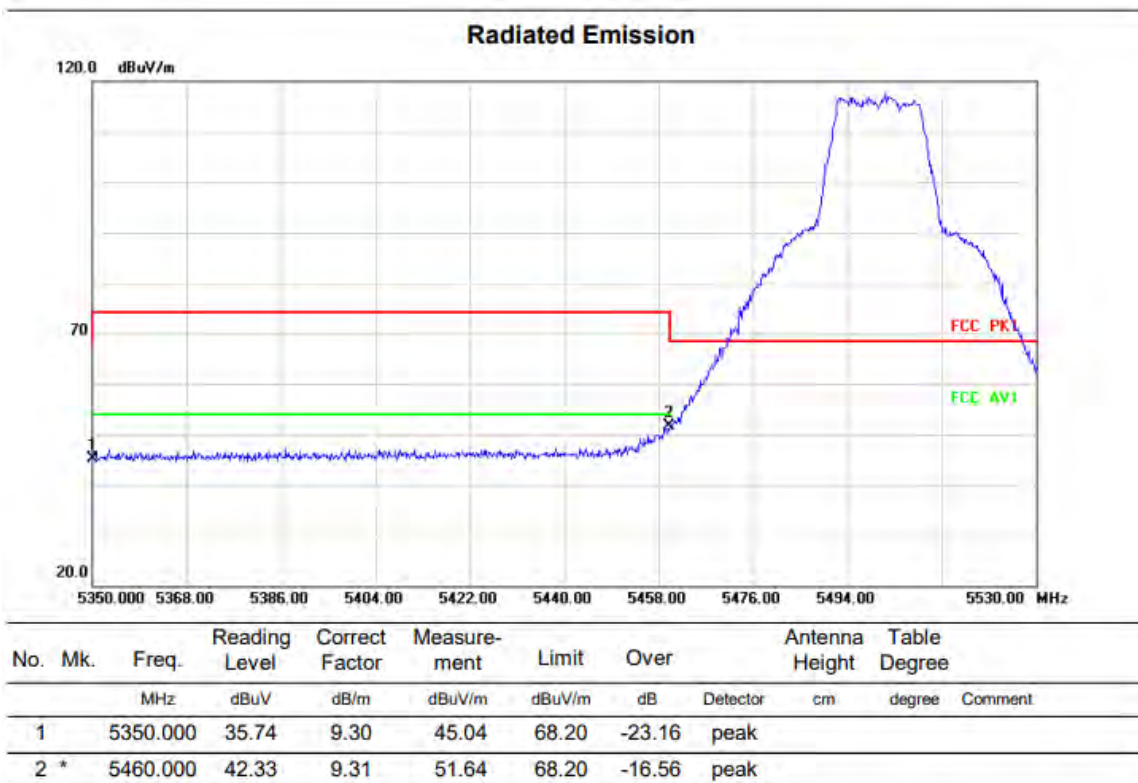
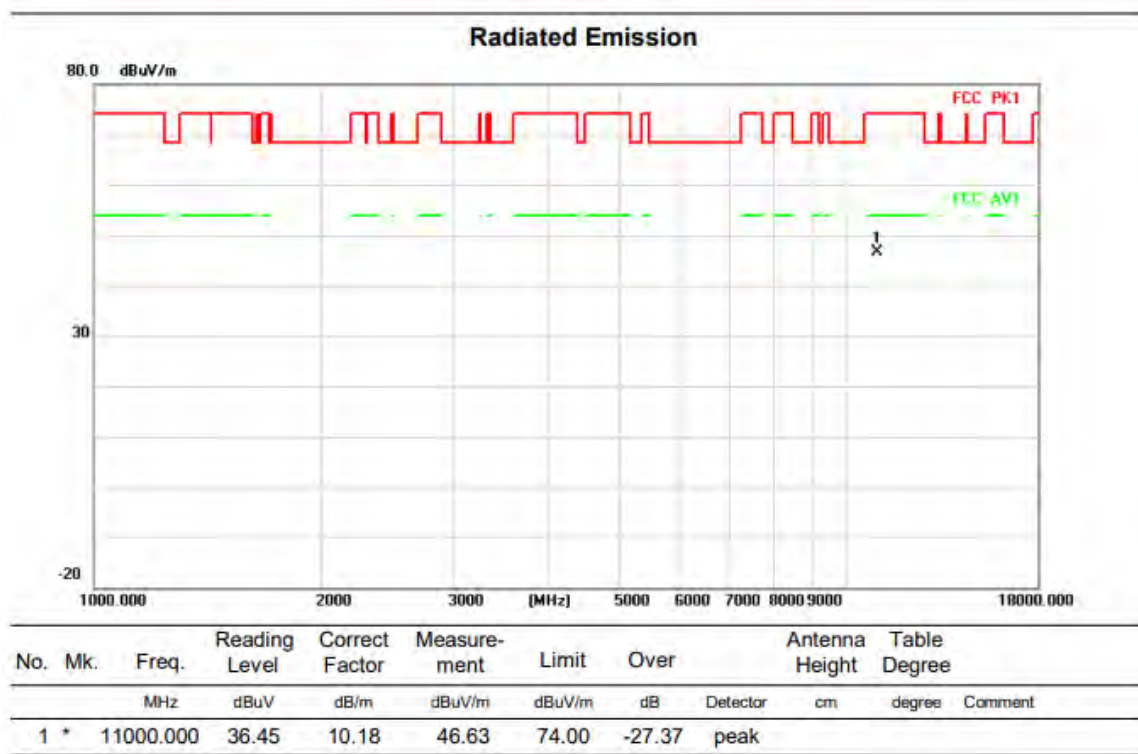


Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

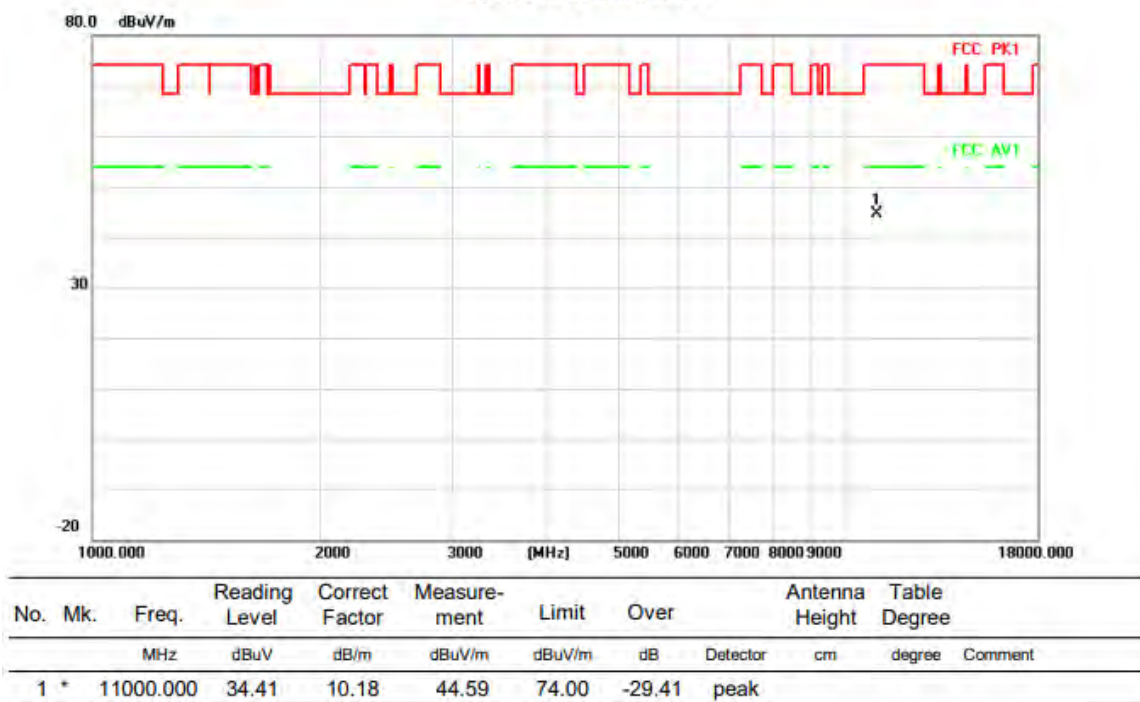
Test Channel:100

VERTICAL

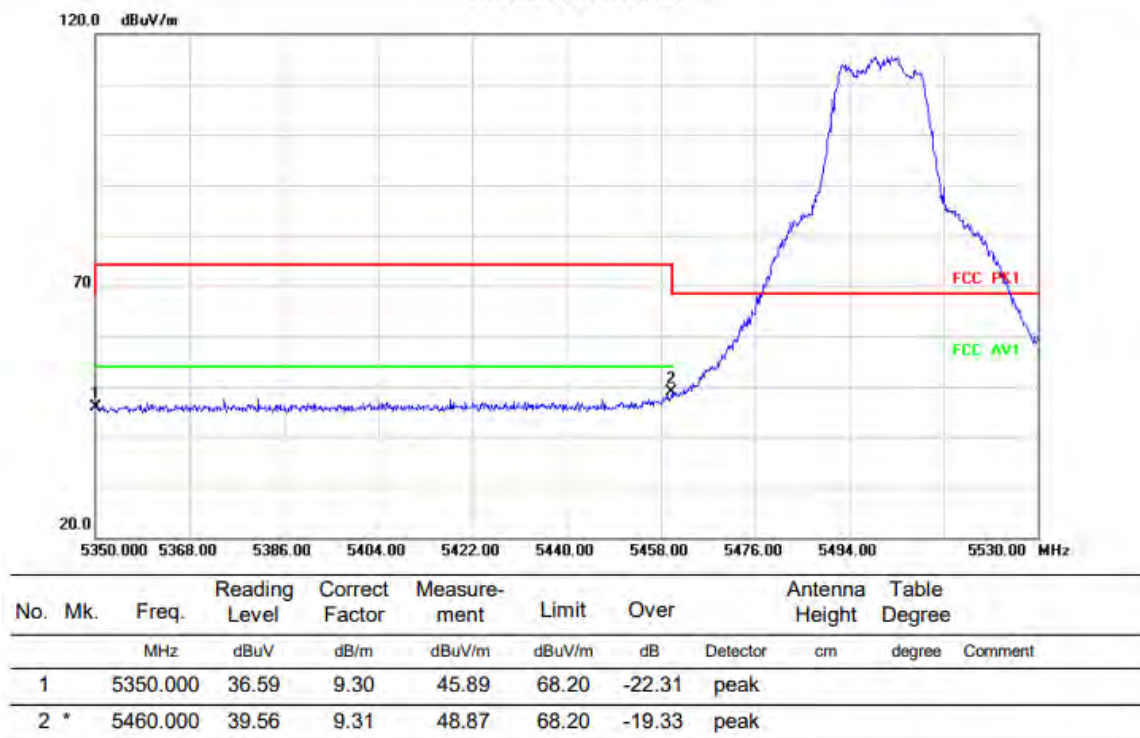


HORIZONTAL

Radiated Emission



Radiated Emission

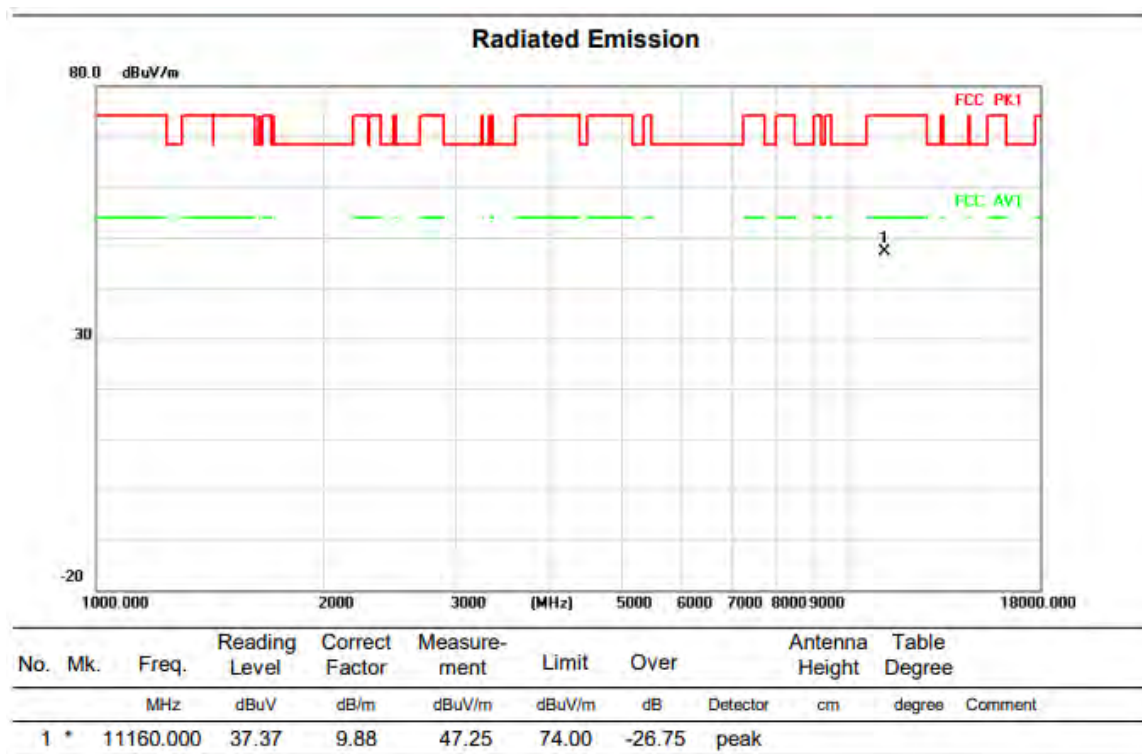


Above 1G (1GHz~18GHz)

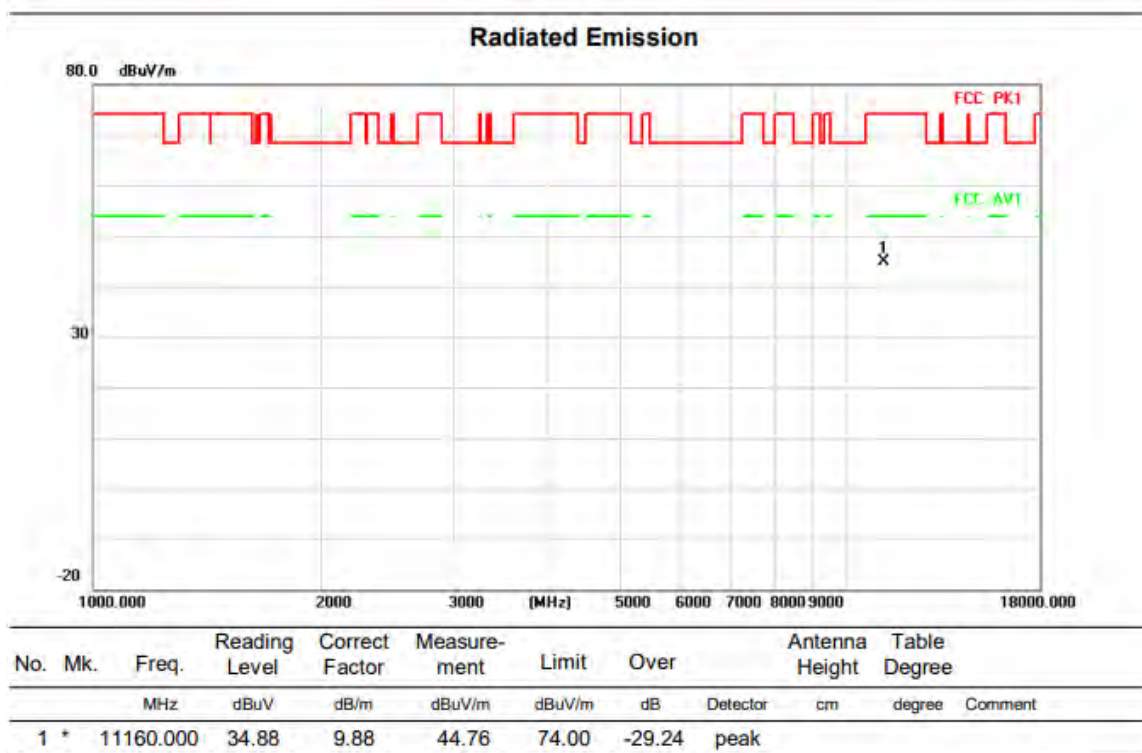
Test mode: 11A-CDD

Test Channel:116

VERTICAL



HORIZONTAL

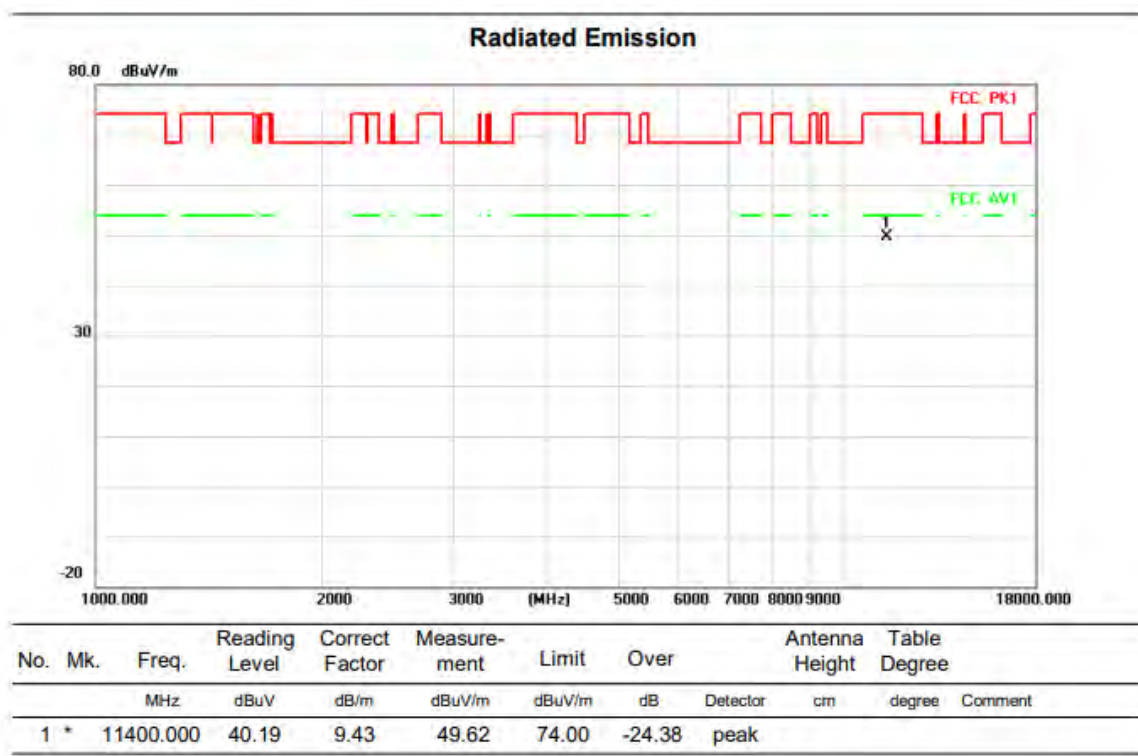


Above 1G (1GHz~18GHz)

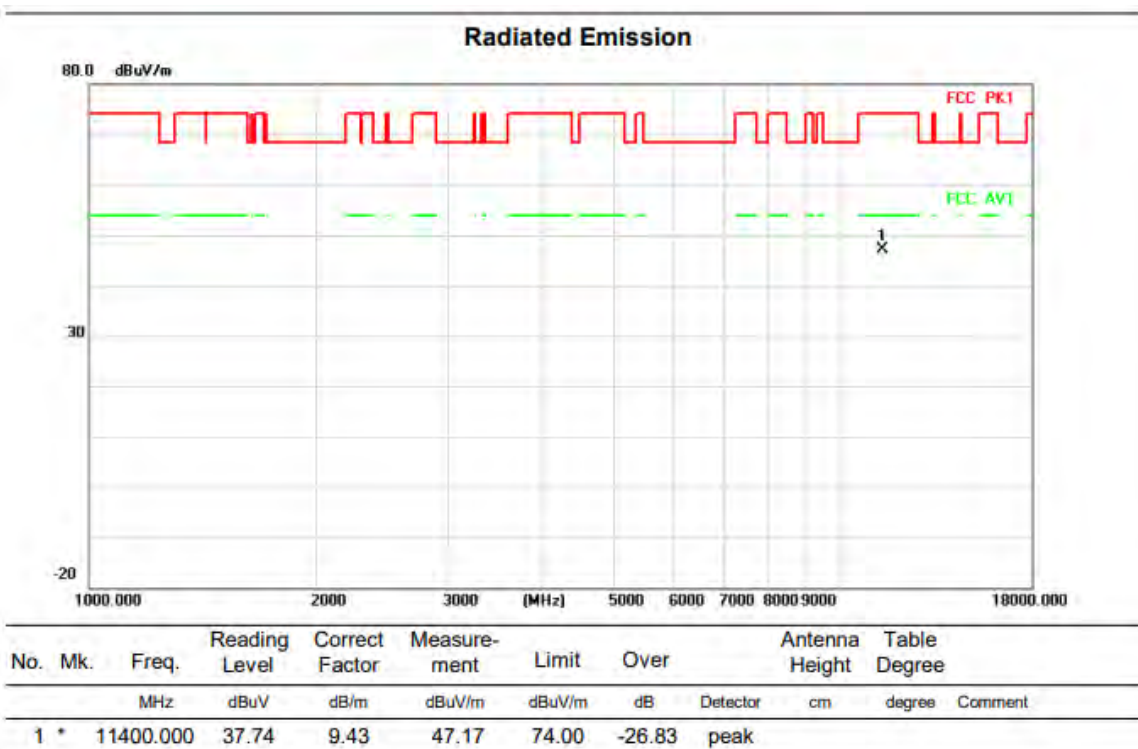
Test mode: 11A-CDD

Test Channel:140

VERTICAL



HORIZONTAL

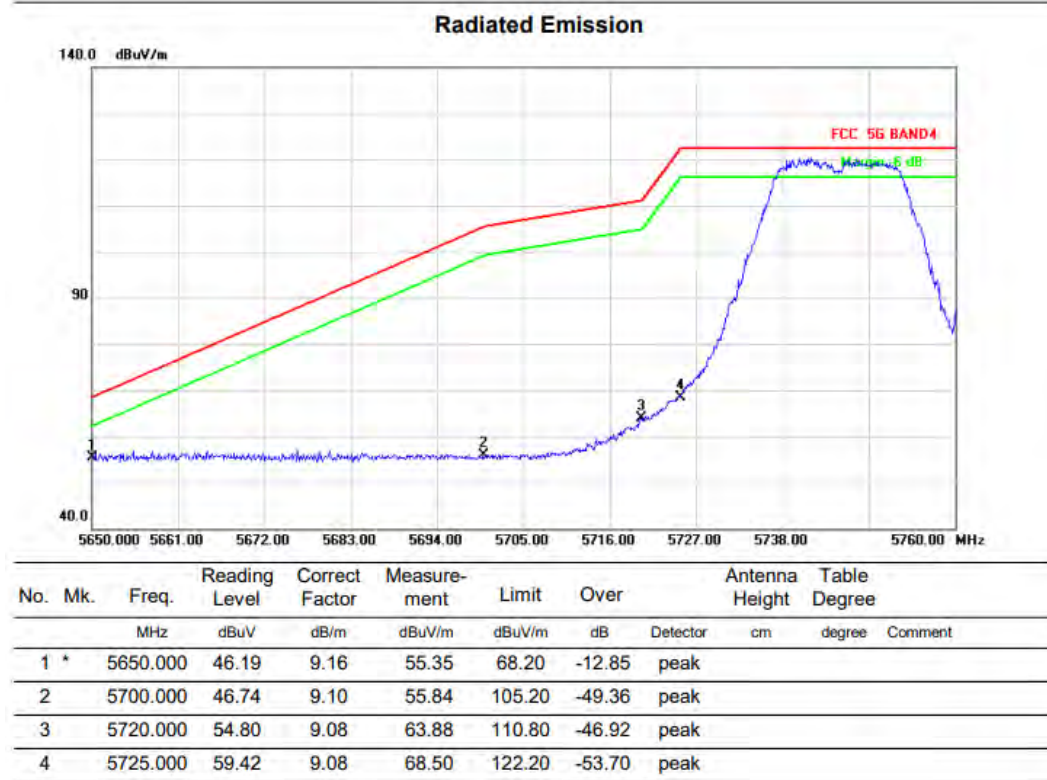
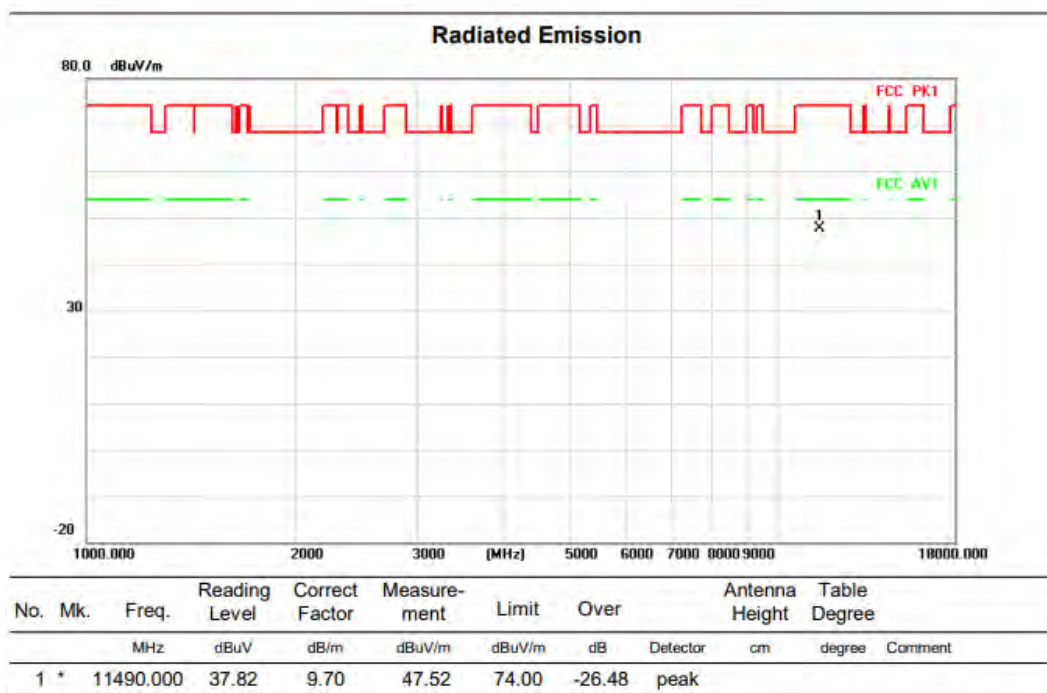


Above 1G (1GHz~18GHz)

Test mode: 11A-CDD

Test Channel:149

VERTICAL



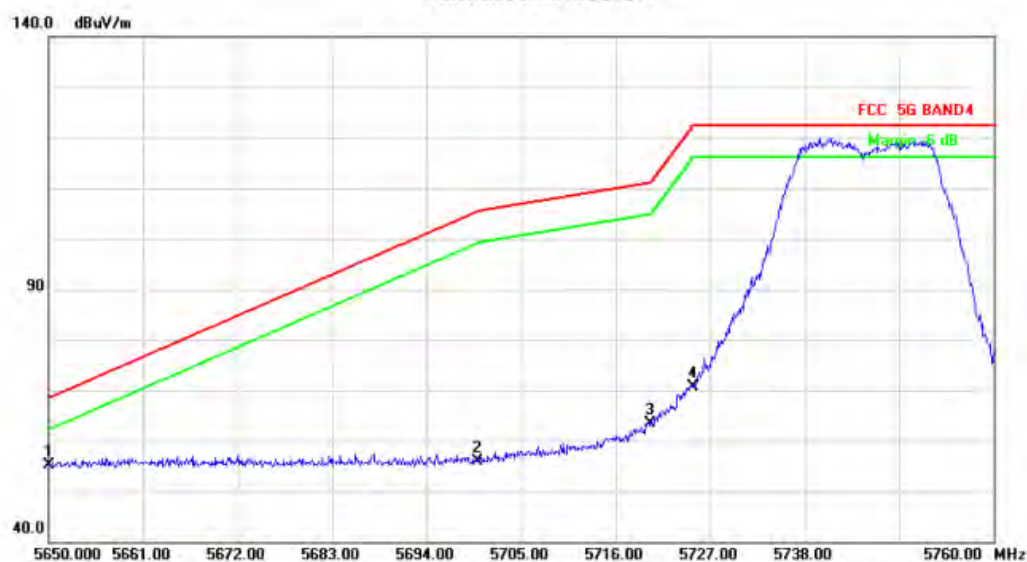
HORIZONTAL

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	Comment
1	*	11490.000	35.23	9.70	44.93	74.00	-29.07	peak		

Radiated Emission



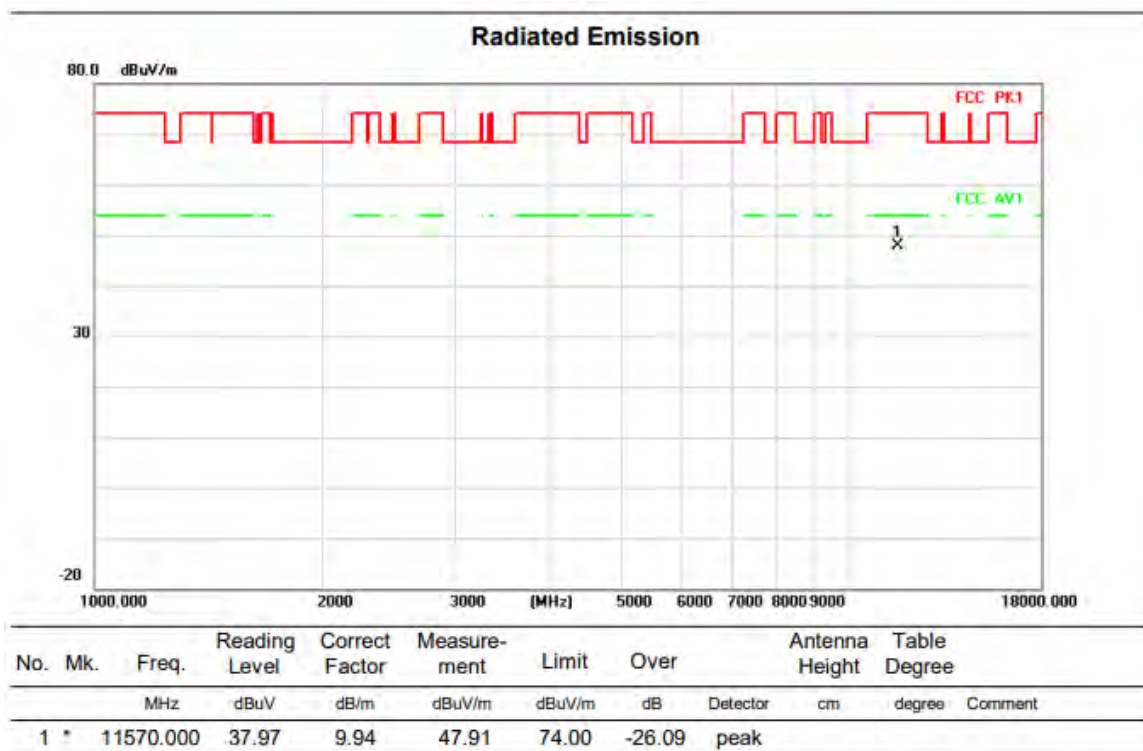
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5650.000	45.85	9.16	55.01	68.20	-13.19	peak		
2		5700.000	46.81	9.10	55.91	105.20	-49.29	peak		
3		5720.000	54.30	9.08	63.38	110.80	-47.42	peak		
4		5725.000	61.54	9.08	70.62	122.20	-51.58	peak		

Above 1G (1GHz~18GHz)

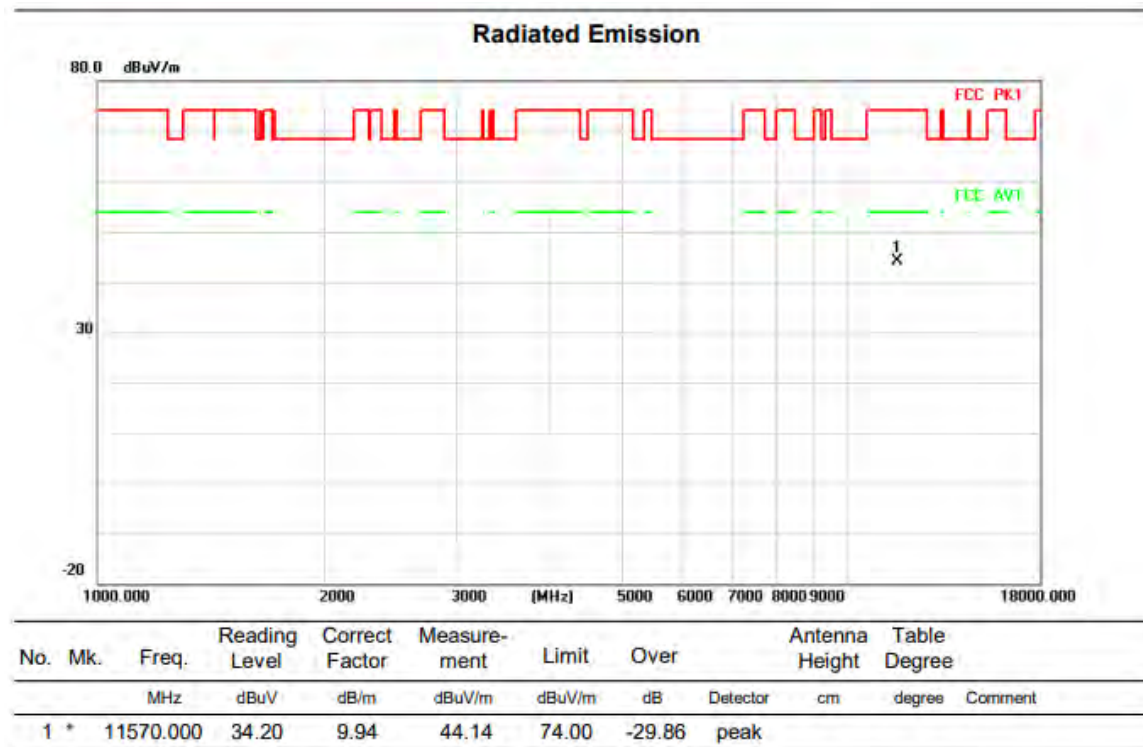
Test mode: 11A-CDD

Test Channel:157

VERTICAL



HORIZONTAL

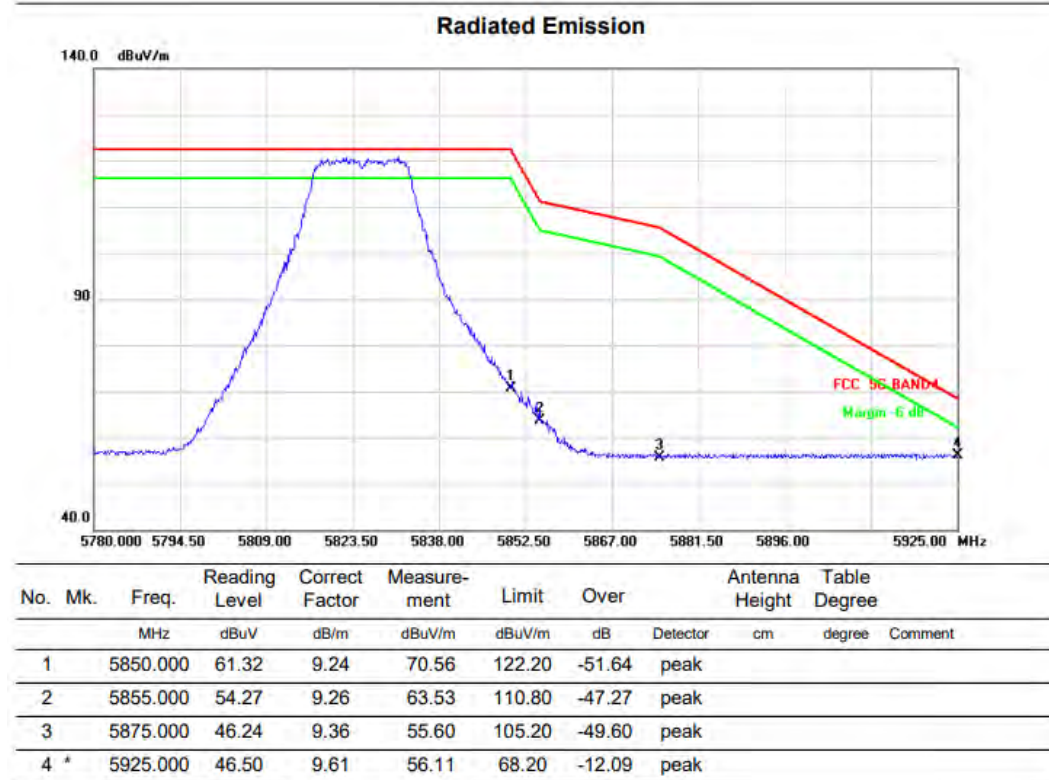
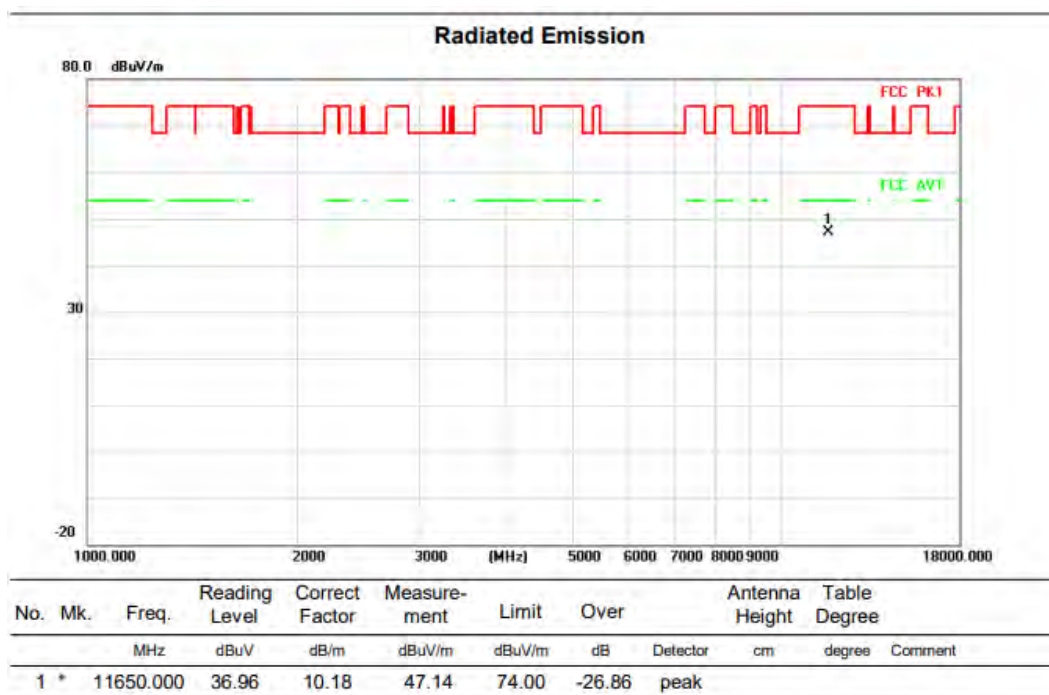


Above 1G (1GHz~18GHz)

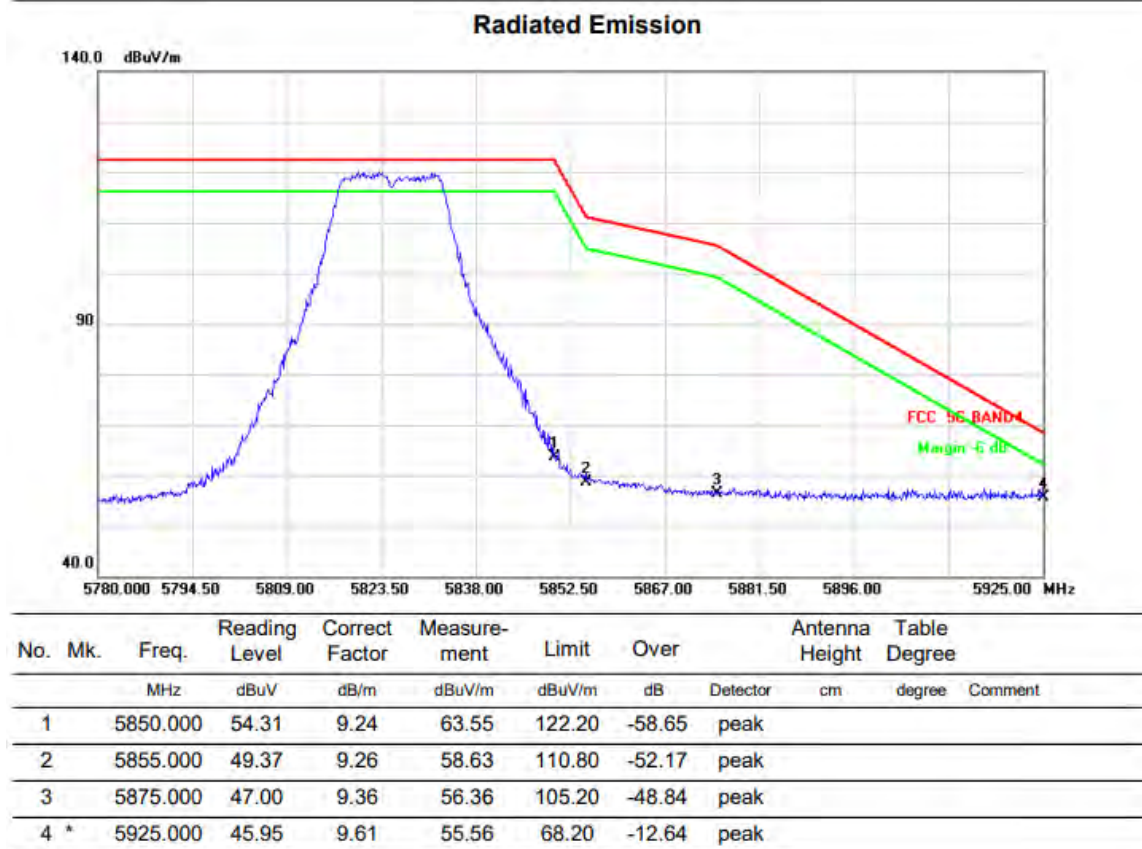
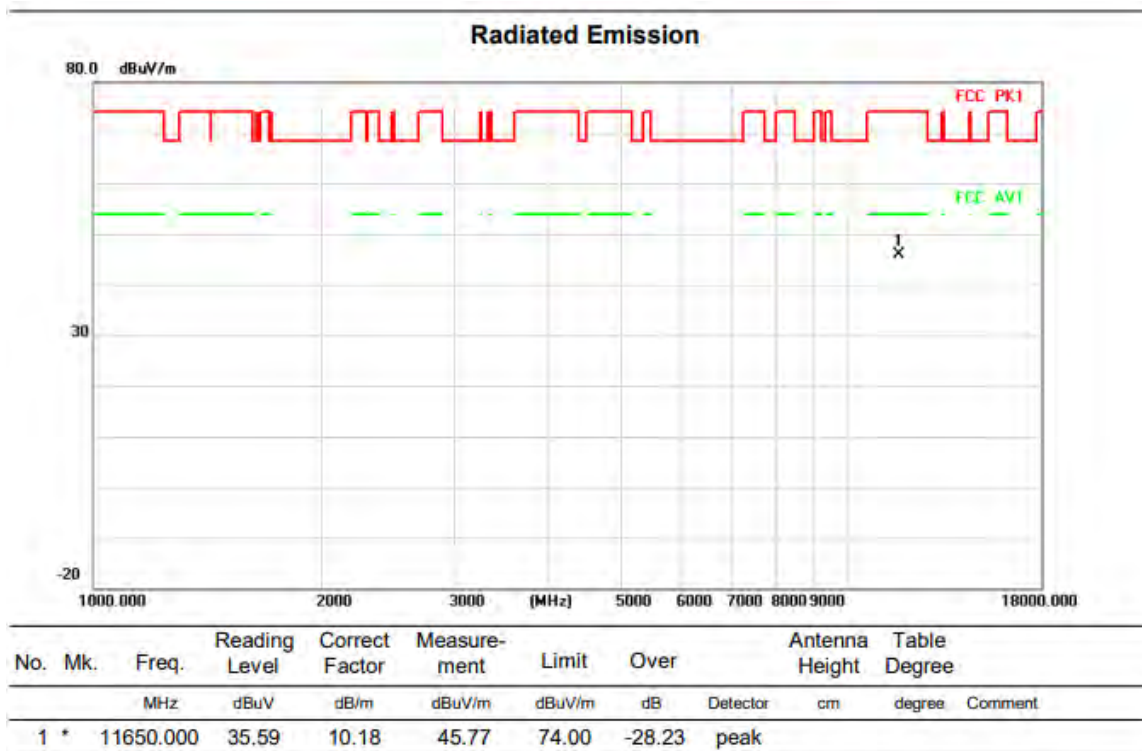
Test mode: 11A-CDD

Test Channel:165

VERTICAL



HORIZONTAL

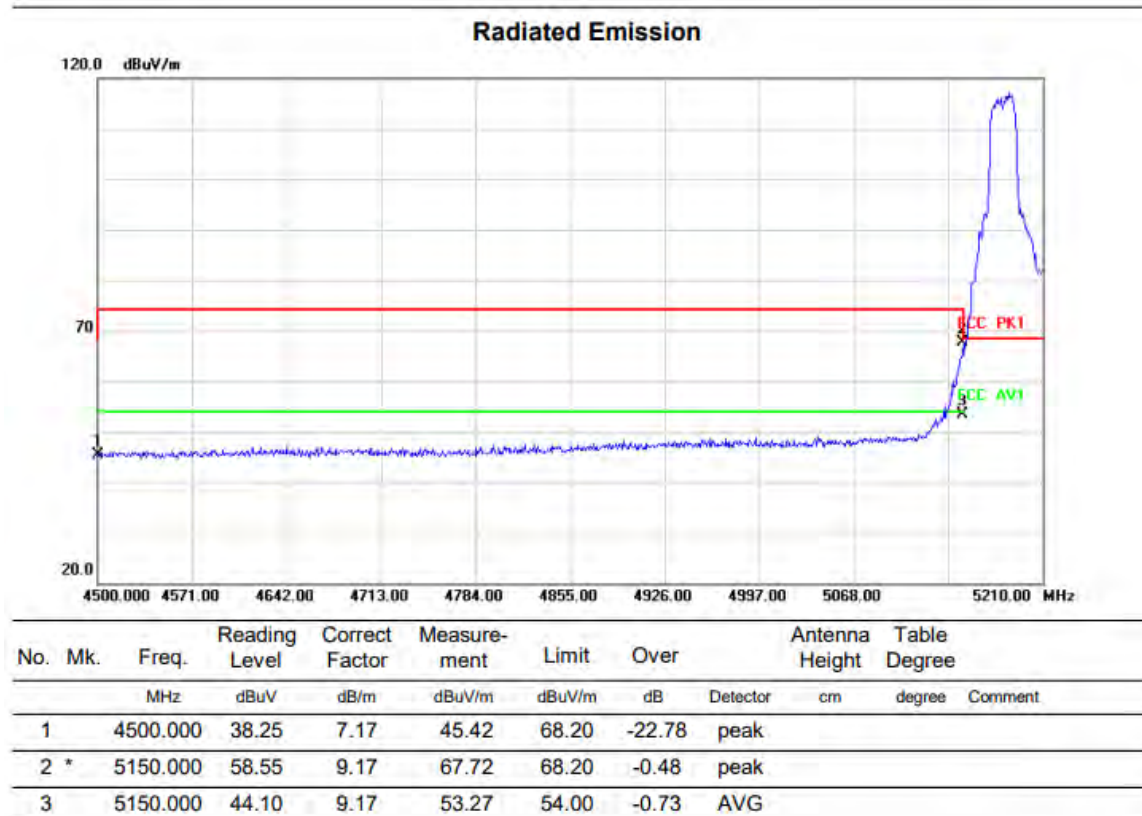
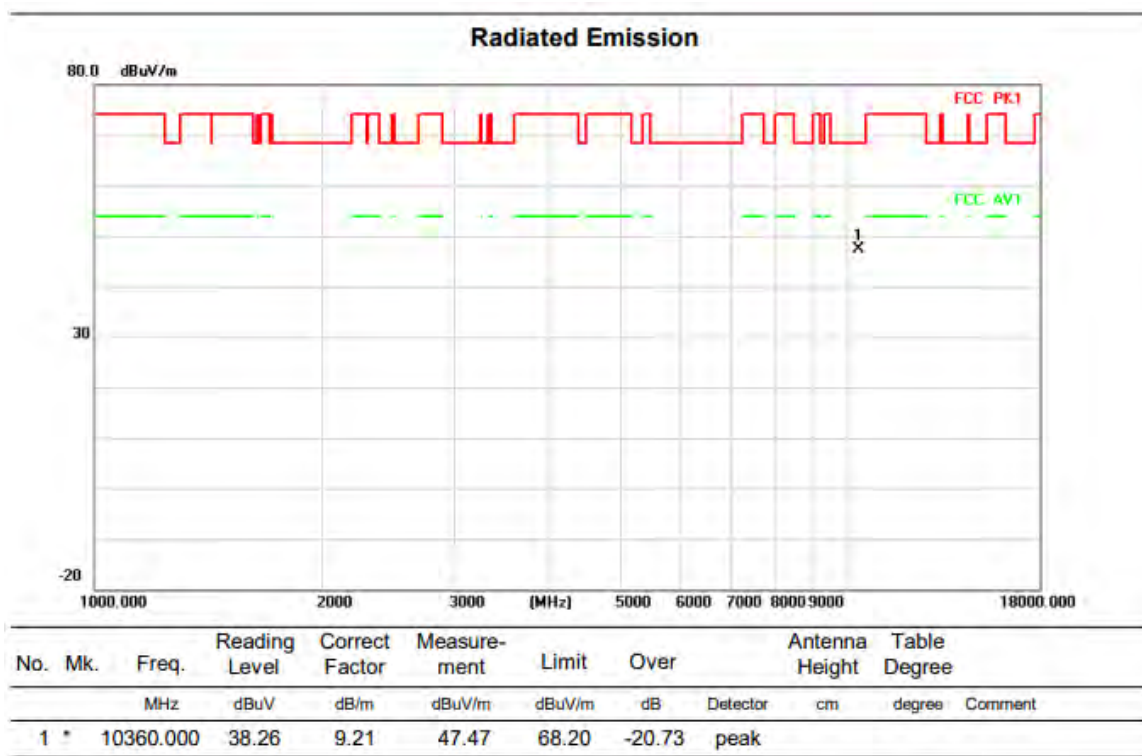


Above 1G (1GHz~18GHz)

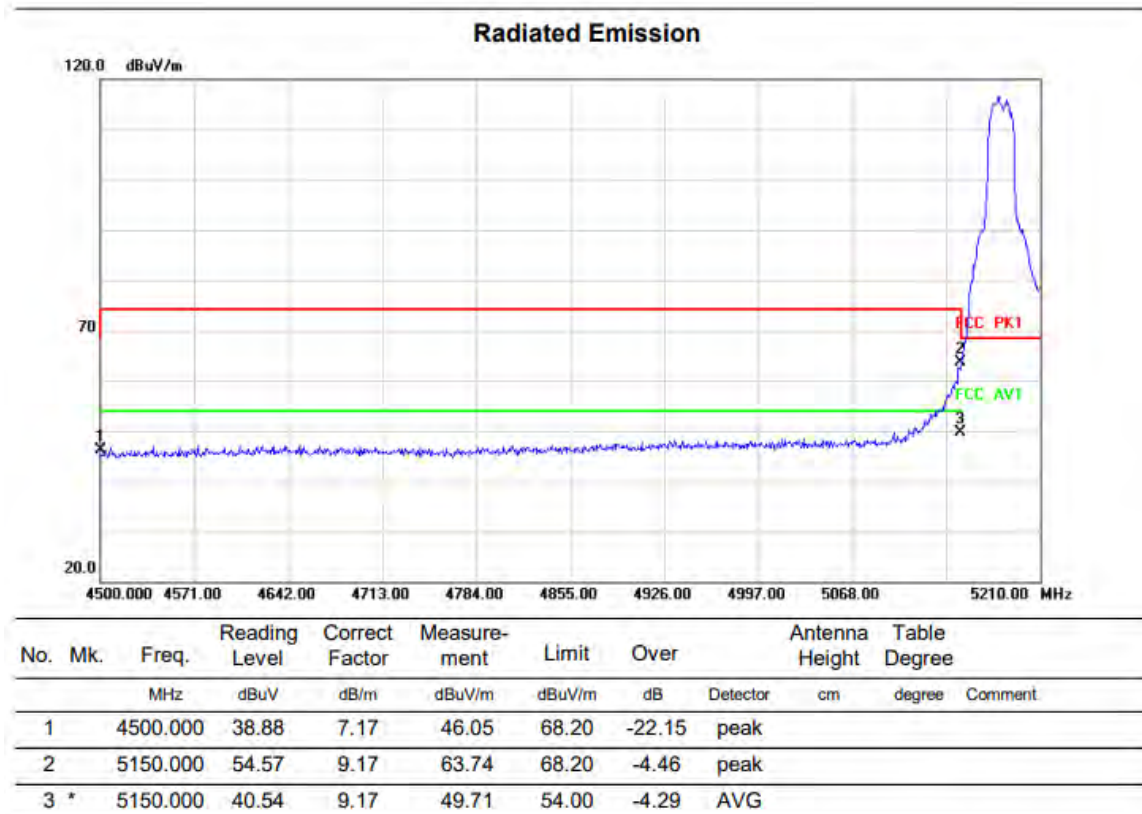
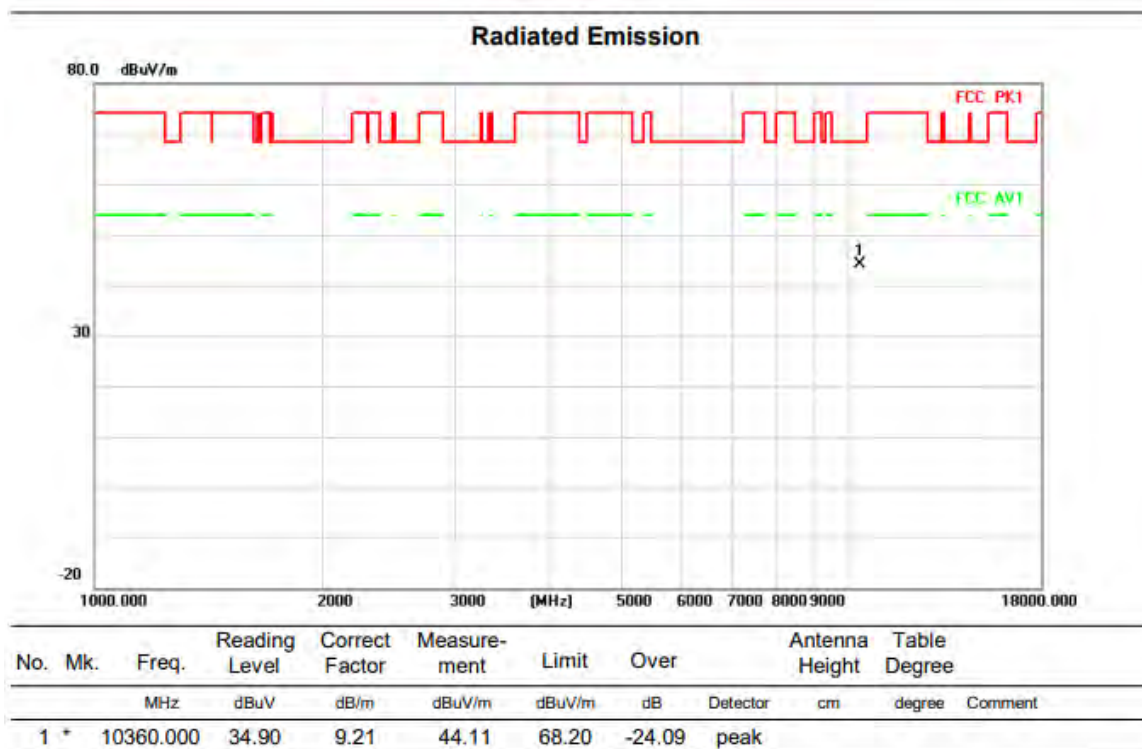
Test mode: 11N20MIMO

Test Channel:36

VERTICAL



HORIZONTAL

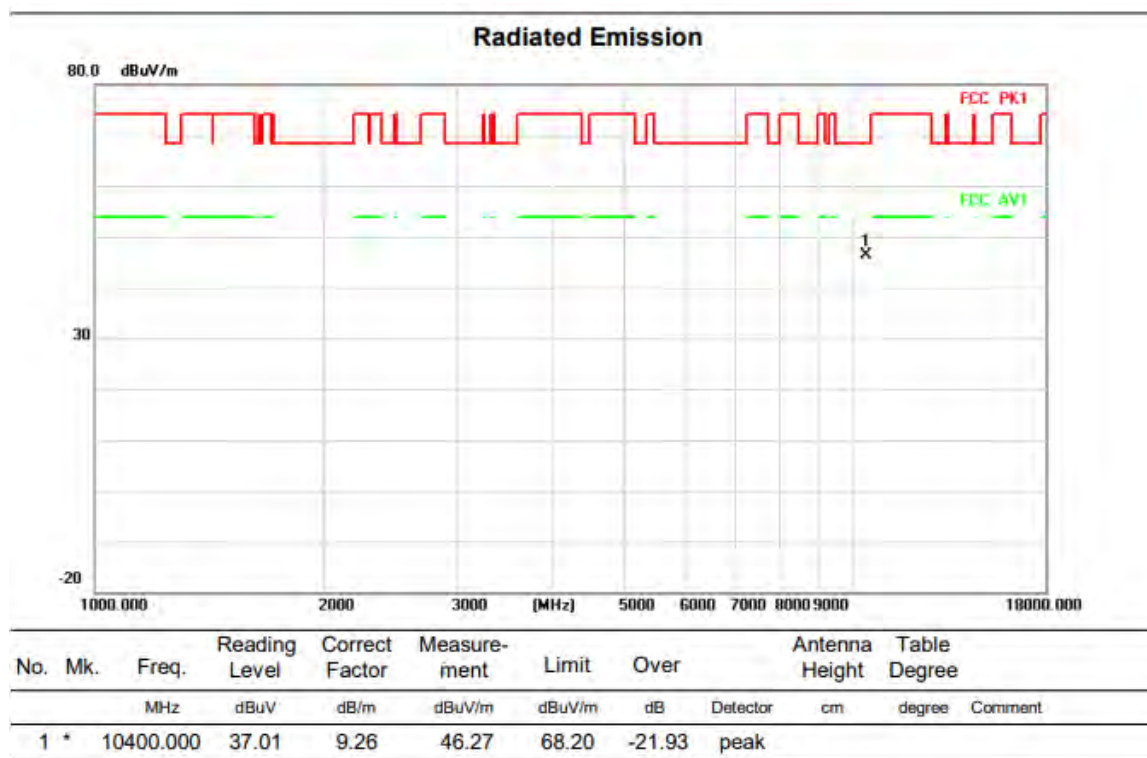


Above 1G (1GHz~18GHz)

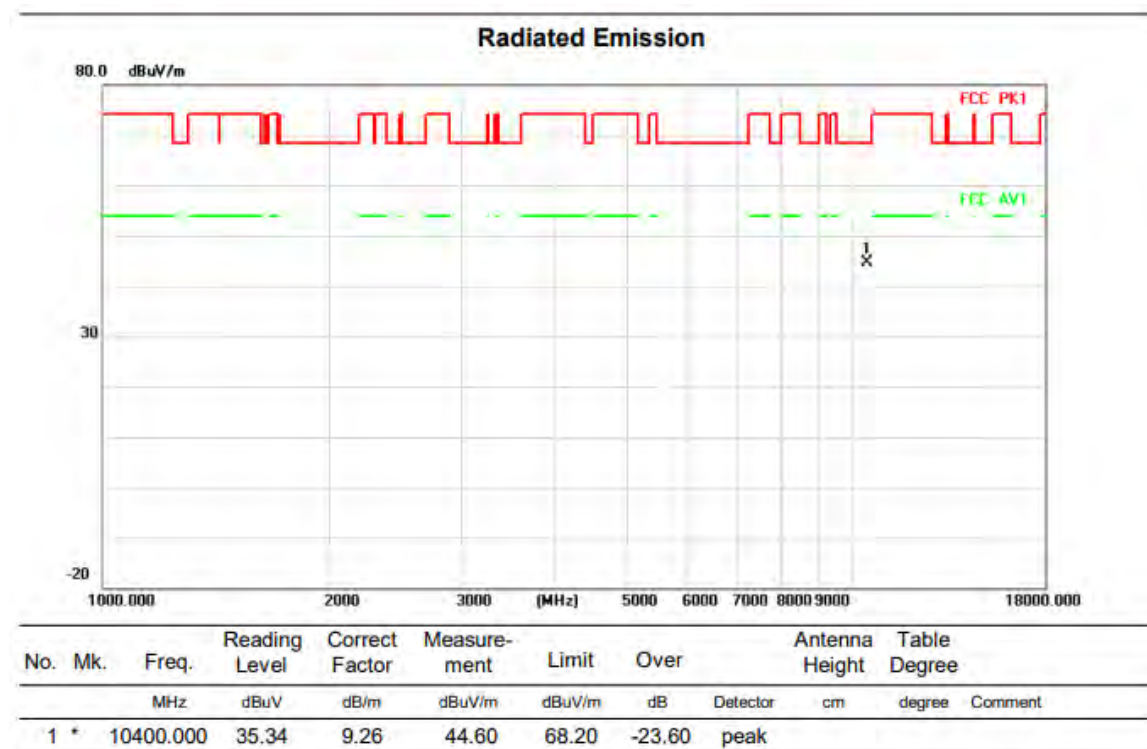
Test mode: 11N20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

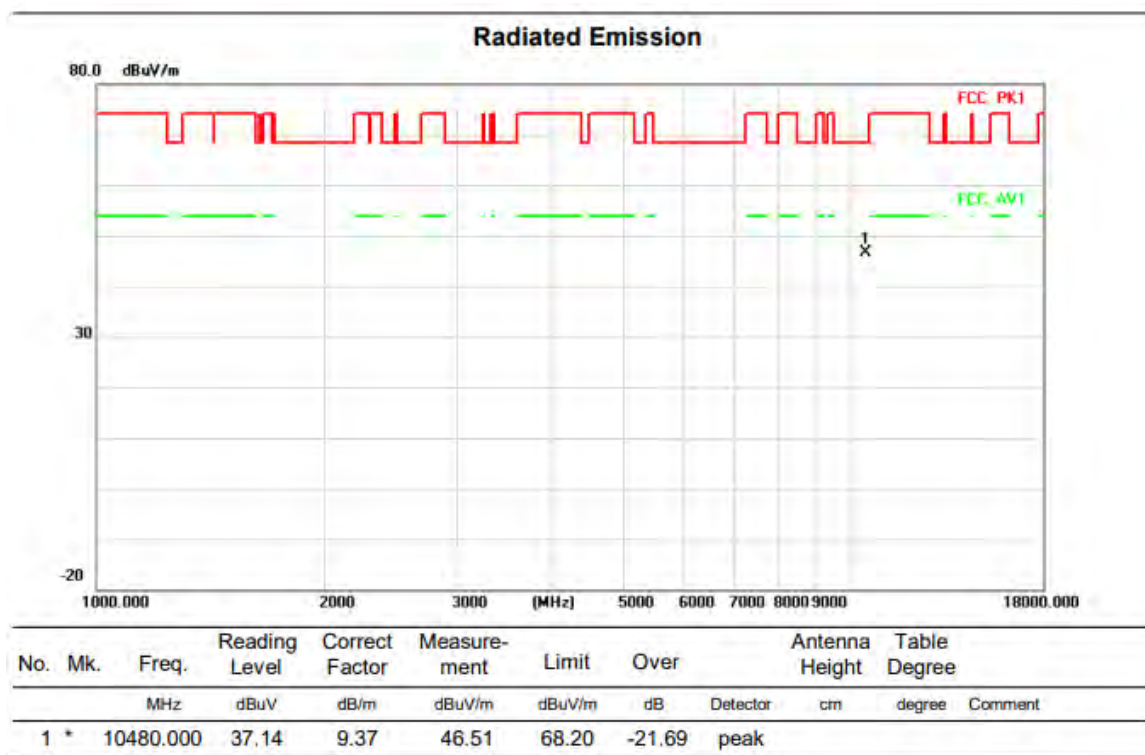


Above 1G (1GHz~18GHz)

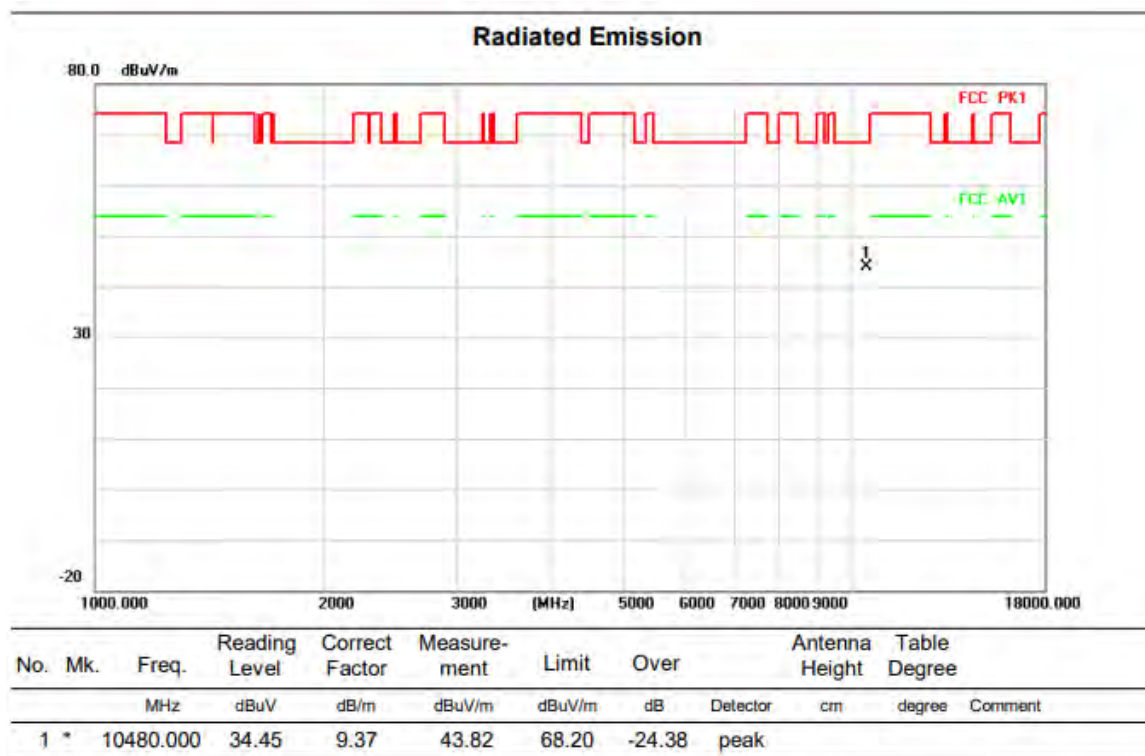
Test mode: 11N20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

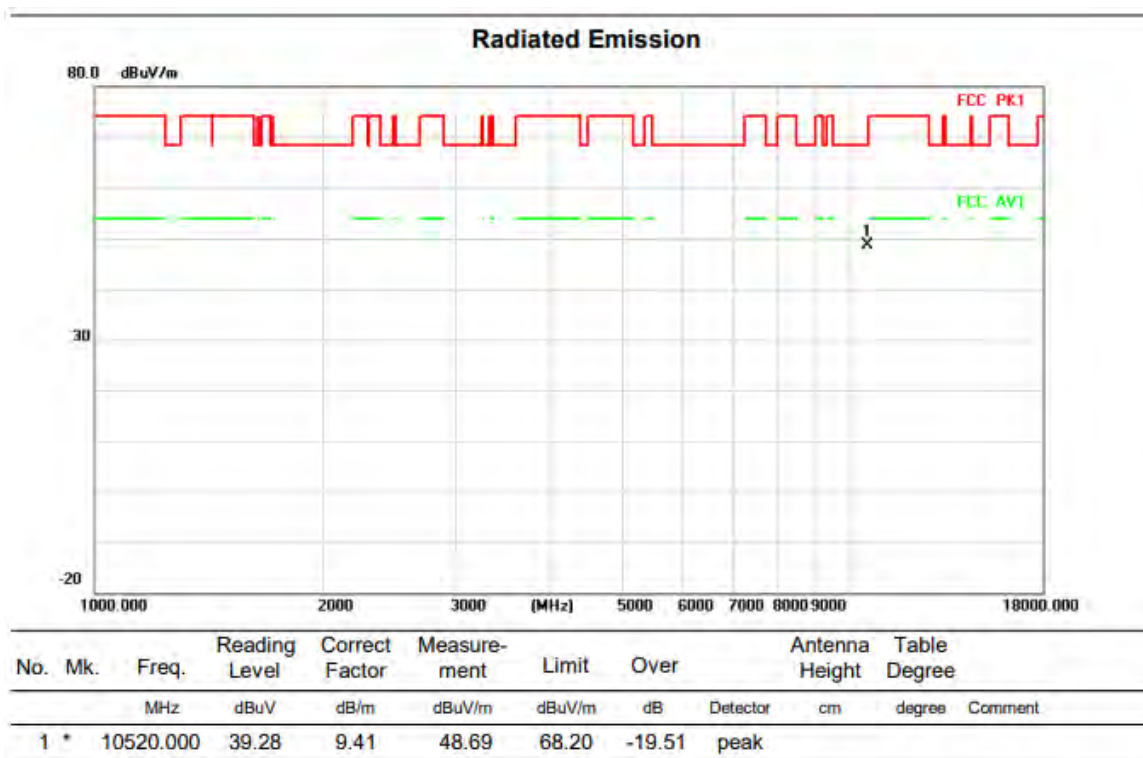


Above 1G (1GHz~18GHz)

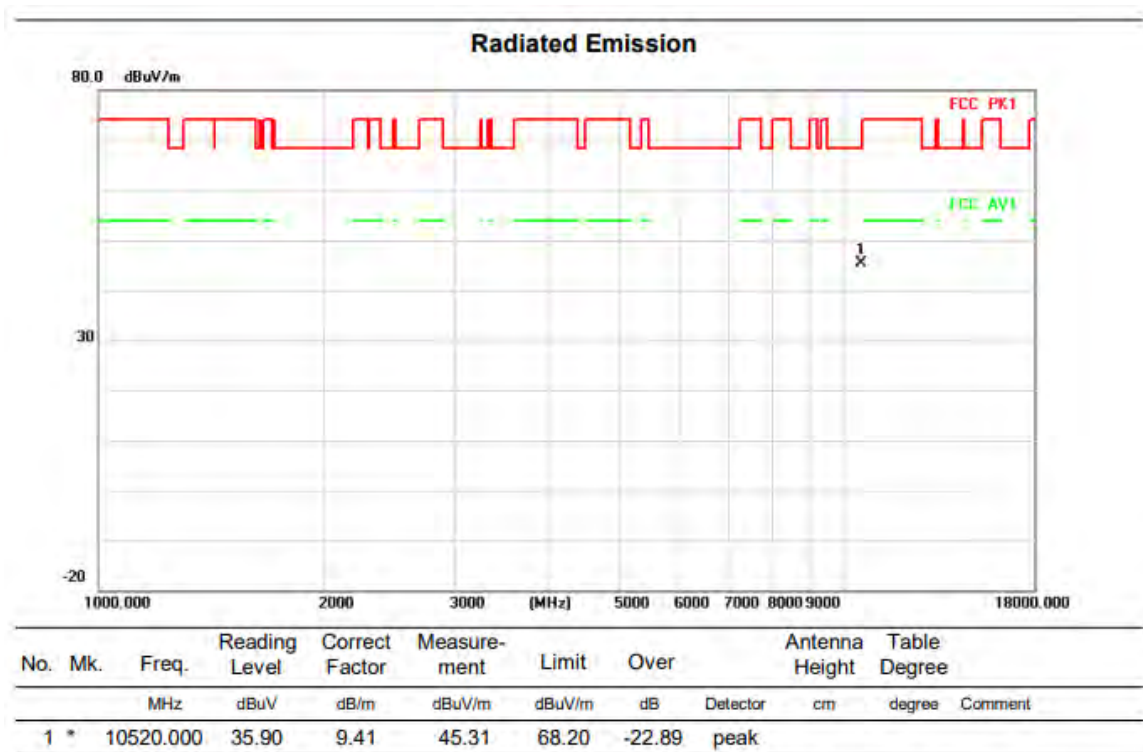
Test mode: 11N20MIMO

Test Channel:52

VERTICAL



HORIZONTAL

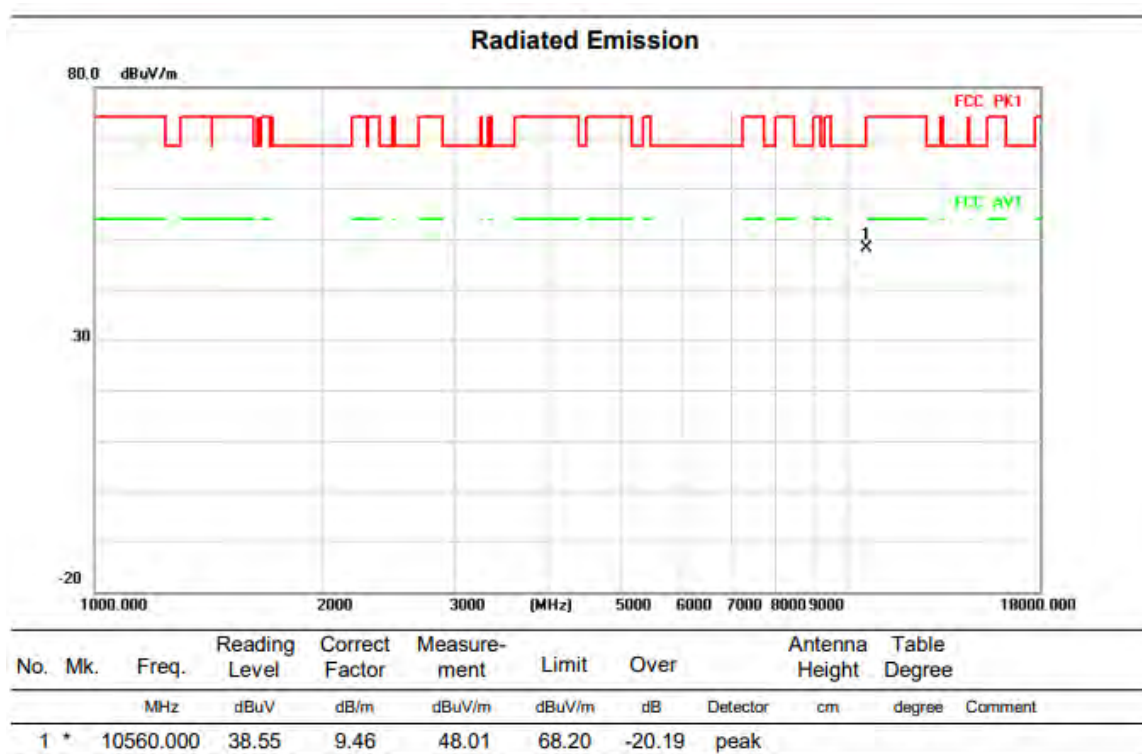


Above 1G (1GHz~18GHz)

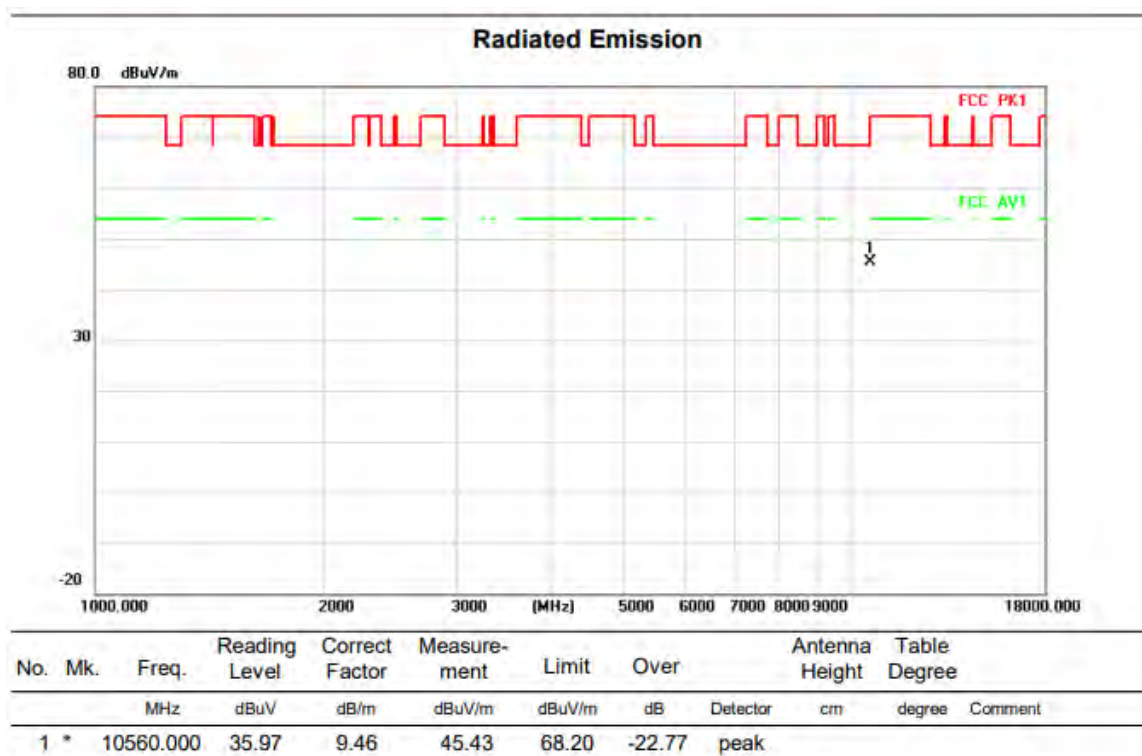
Test mode: 11N20MIMO

Test Channel:56

VERTICAL



HORIZONTAL

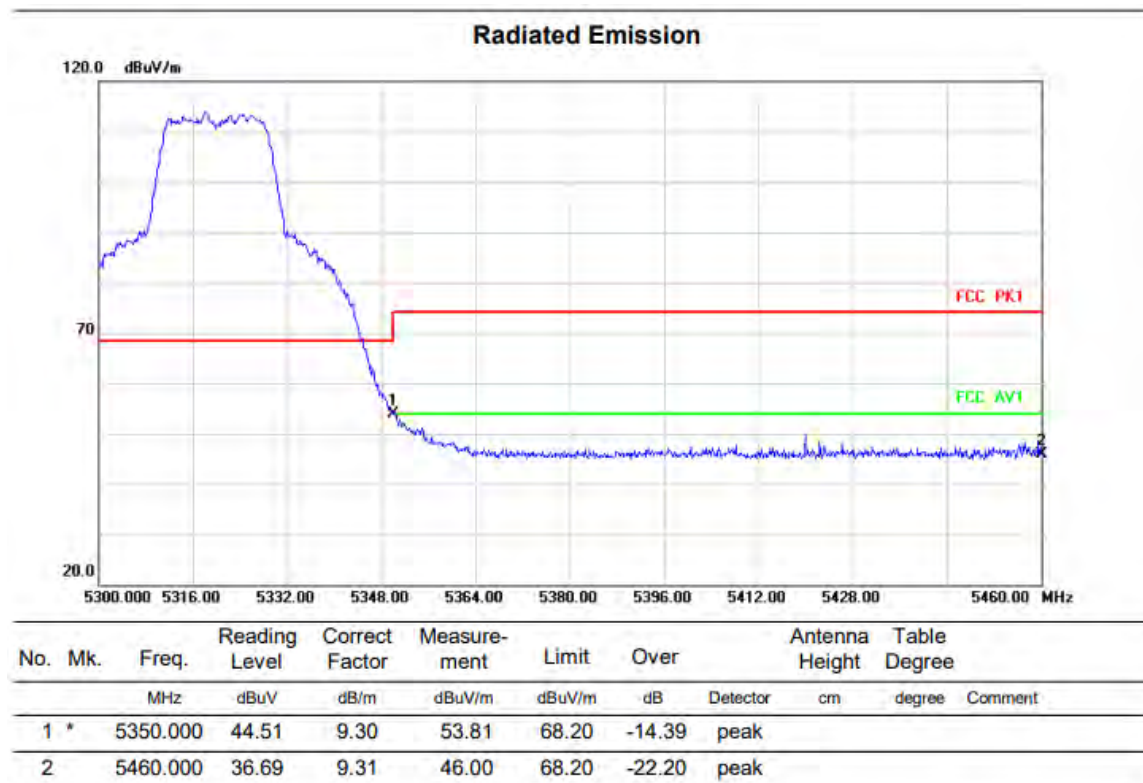
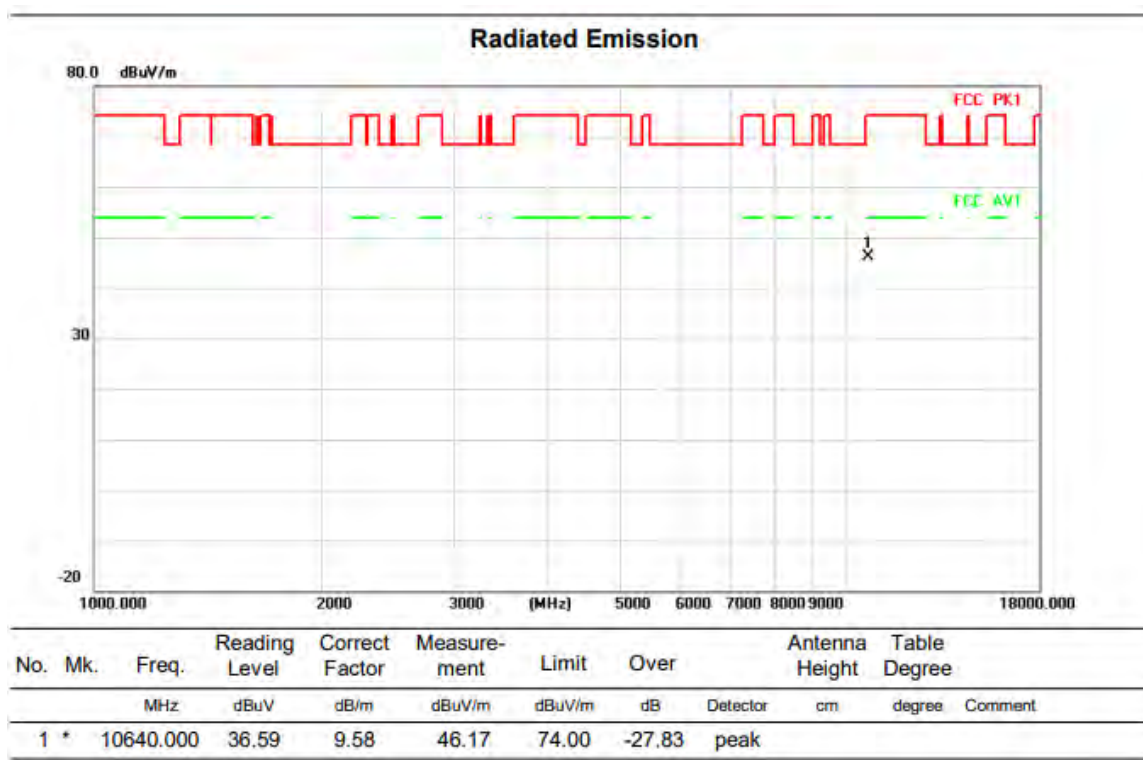


Above 1G (1GHz~18GHz)

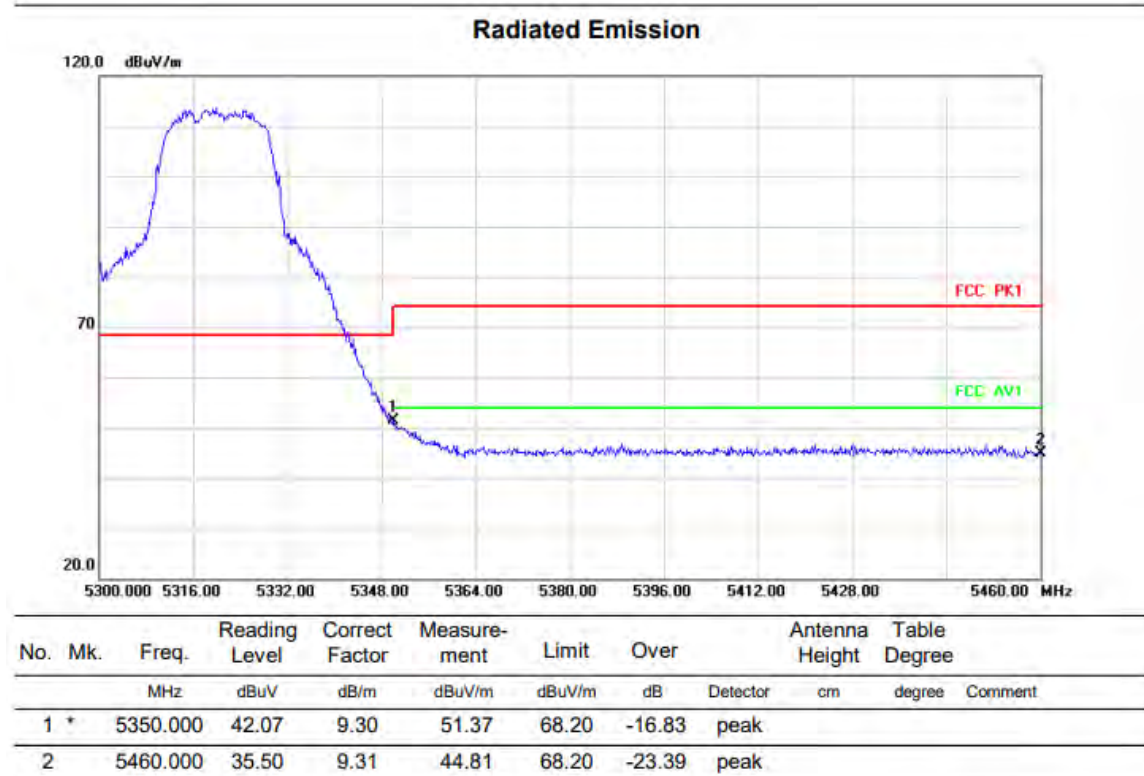
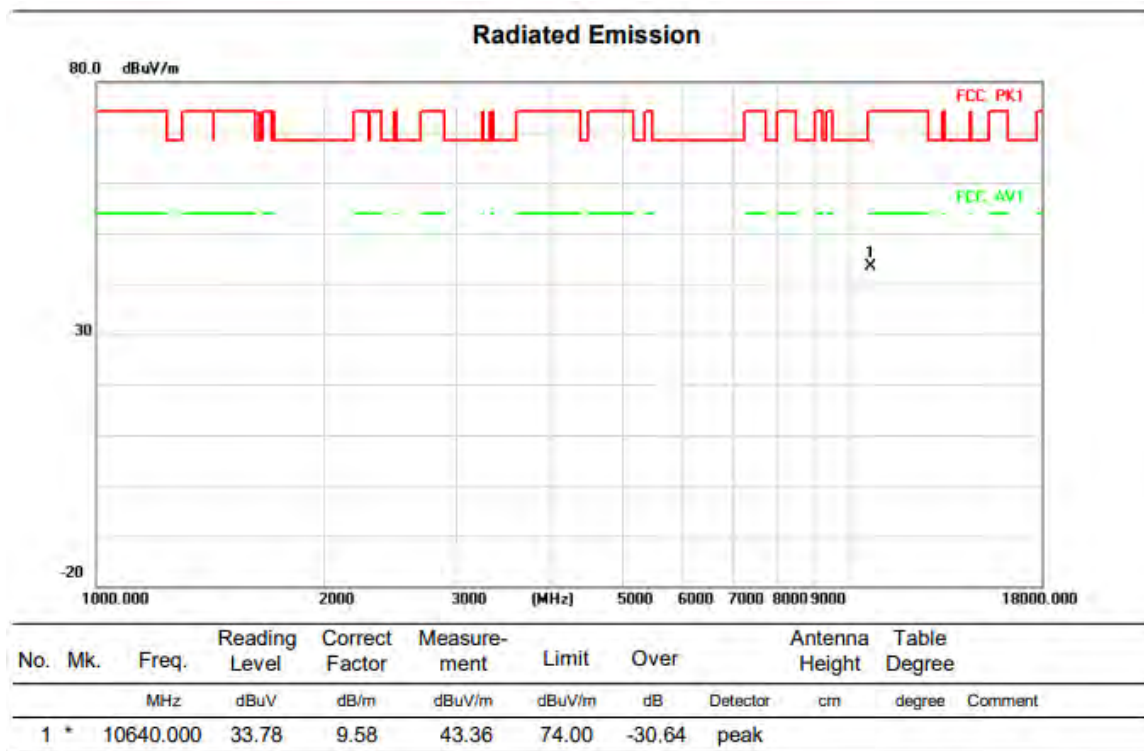
Test mode: 11N20MIMO

Test Channel:64

VERTICAL



HORIZONTAL

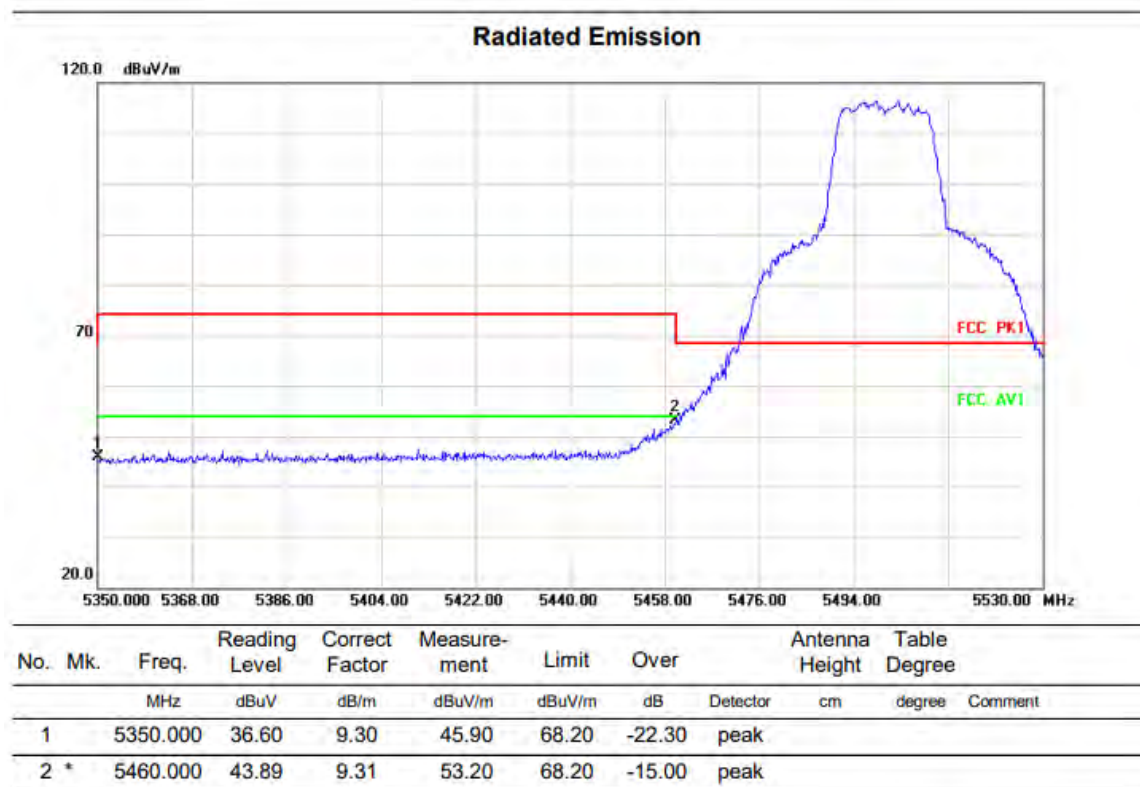
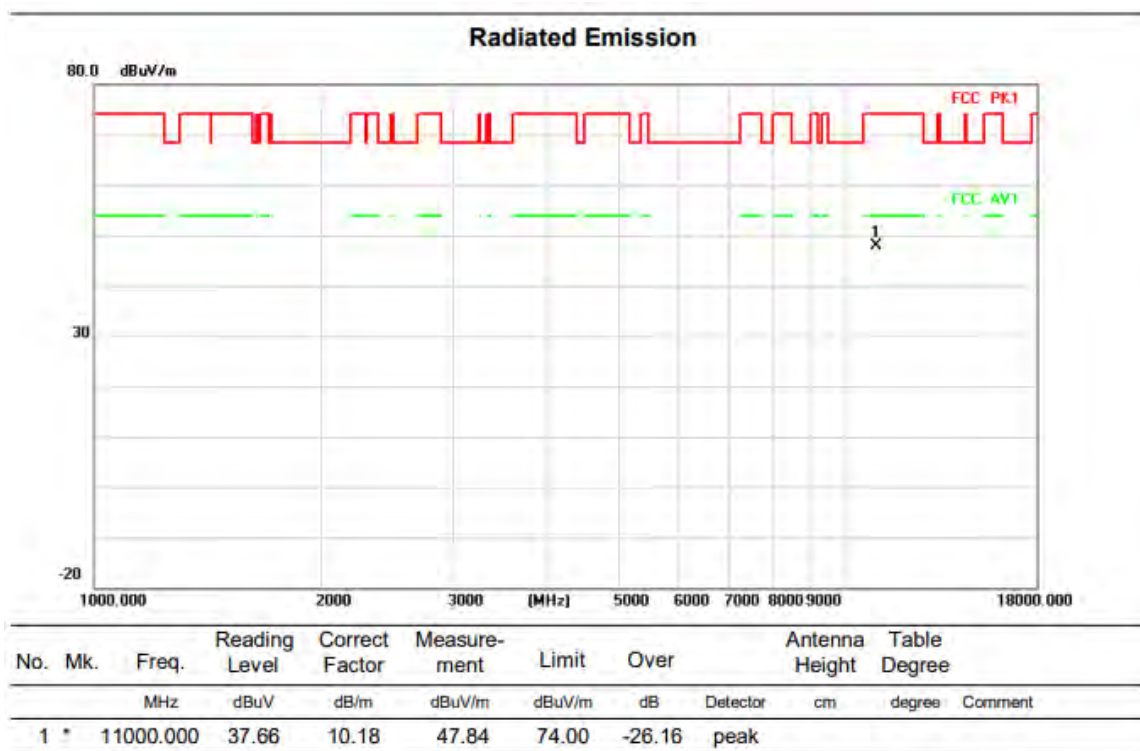


Above 1G (1GHz~18GHz)

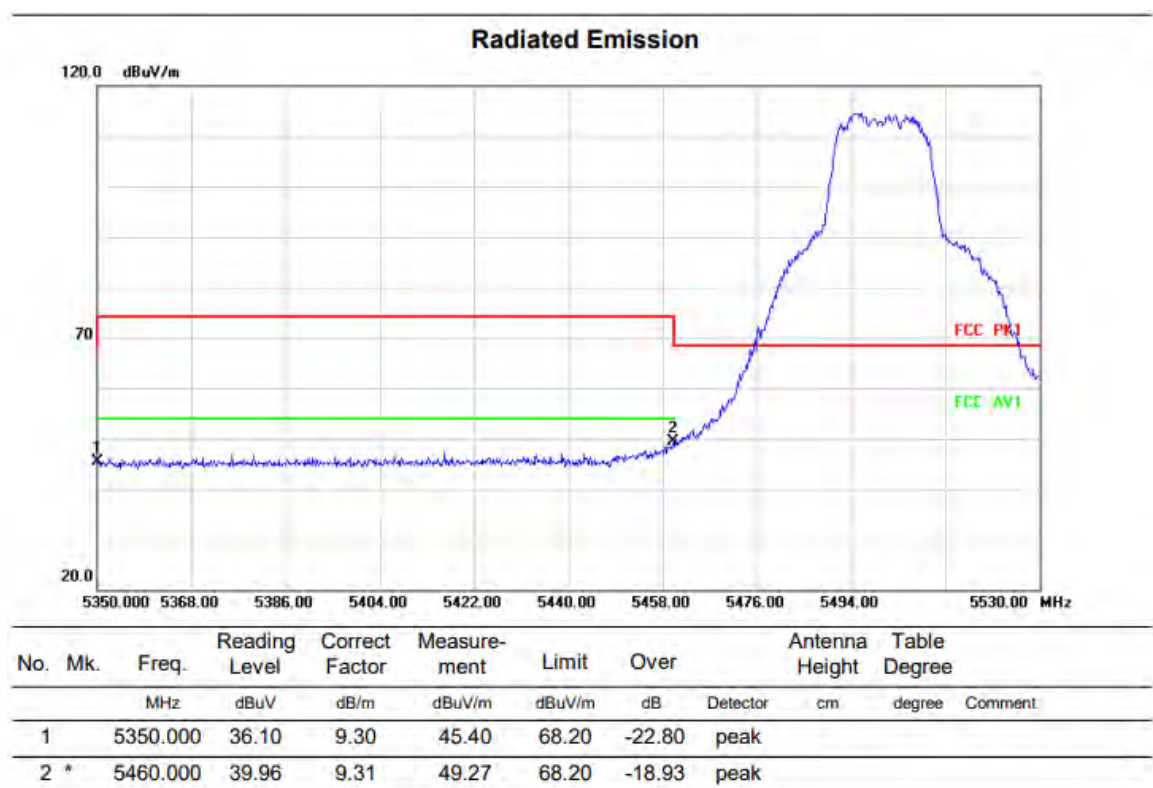
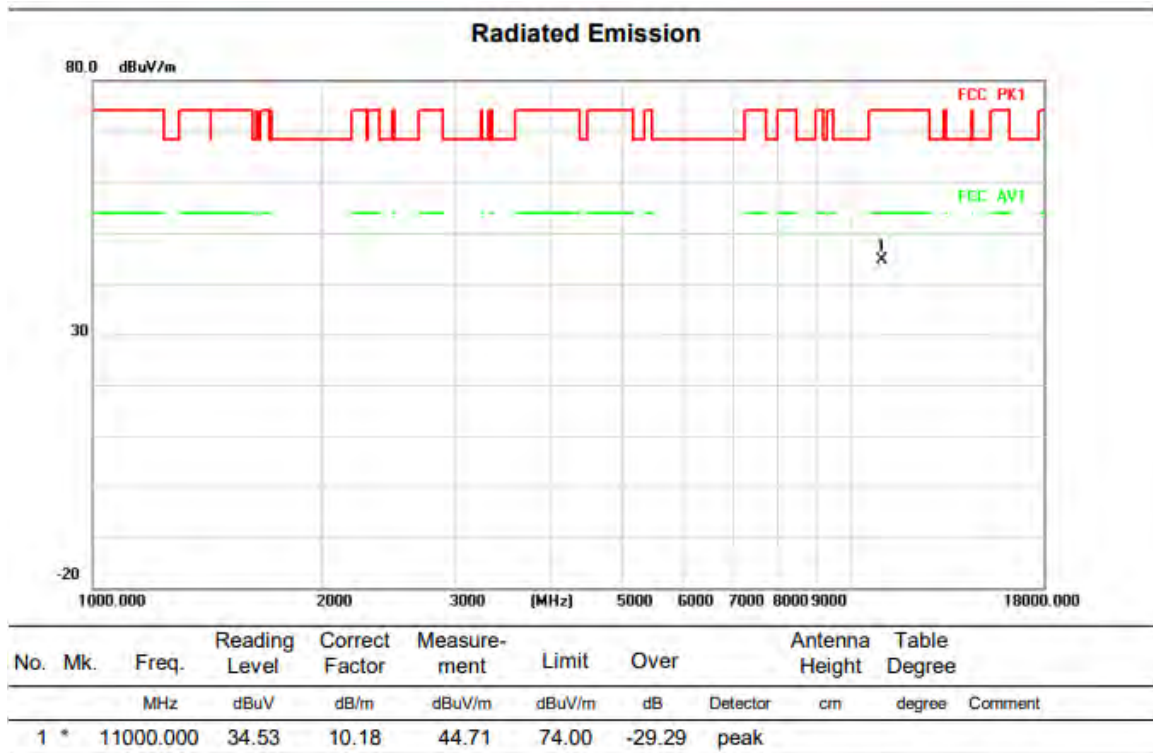
Test mode: 11N20MIMO

Test Channel:100

VERTICAL



HORIZONTAL

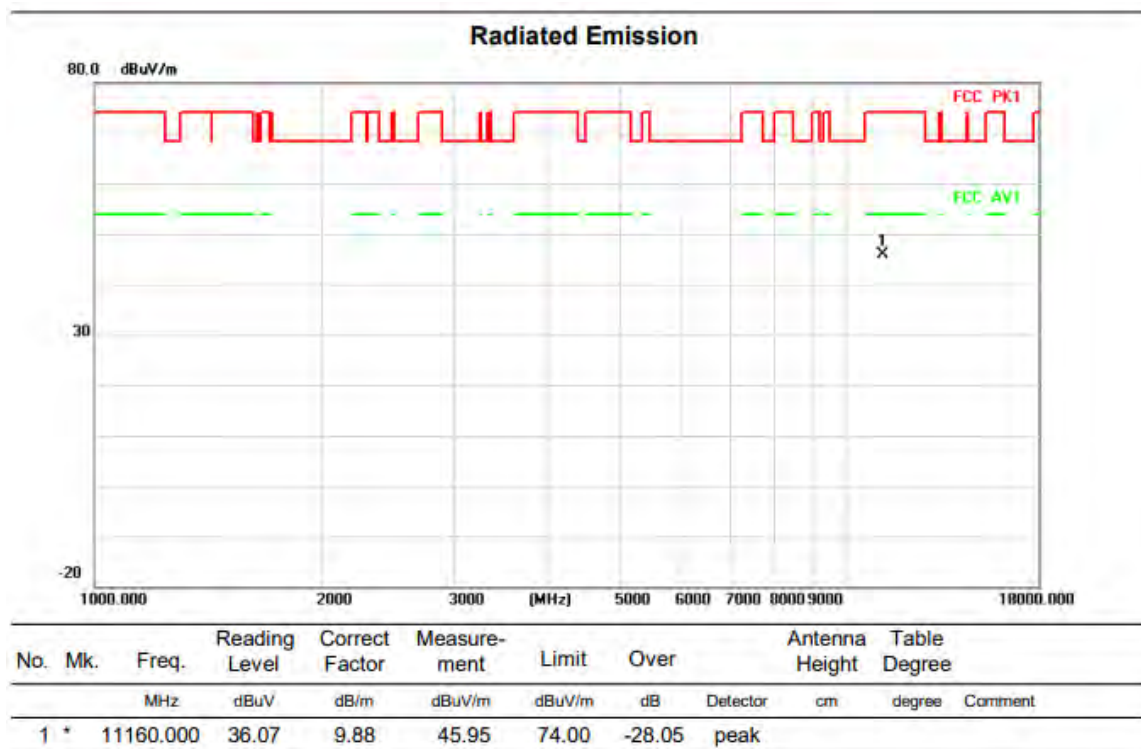


Above 1G (1GHz~18GHz)

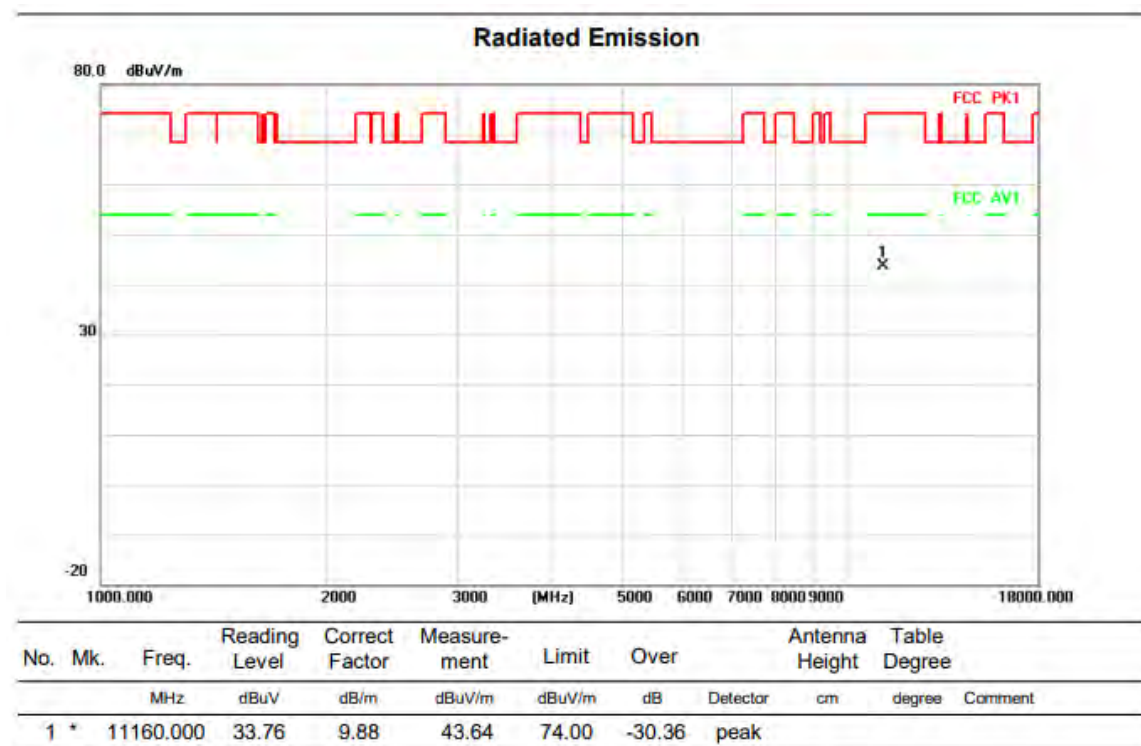
Test mode: 11N20MIMO

Test Channel:116

VERTICAL



HORIZONTAL

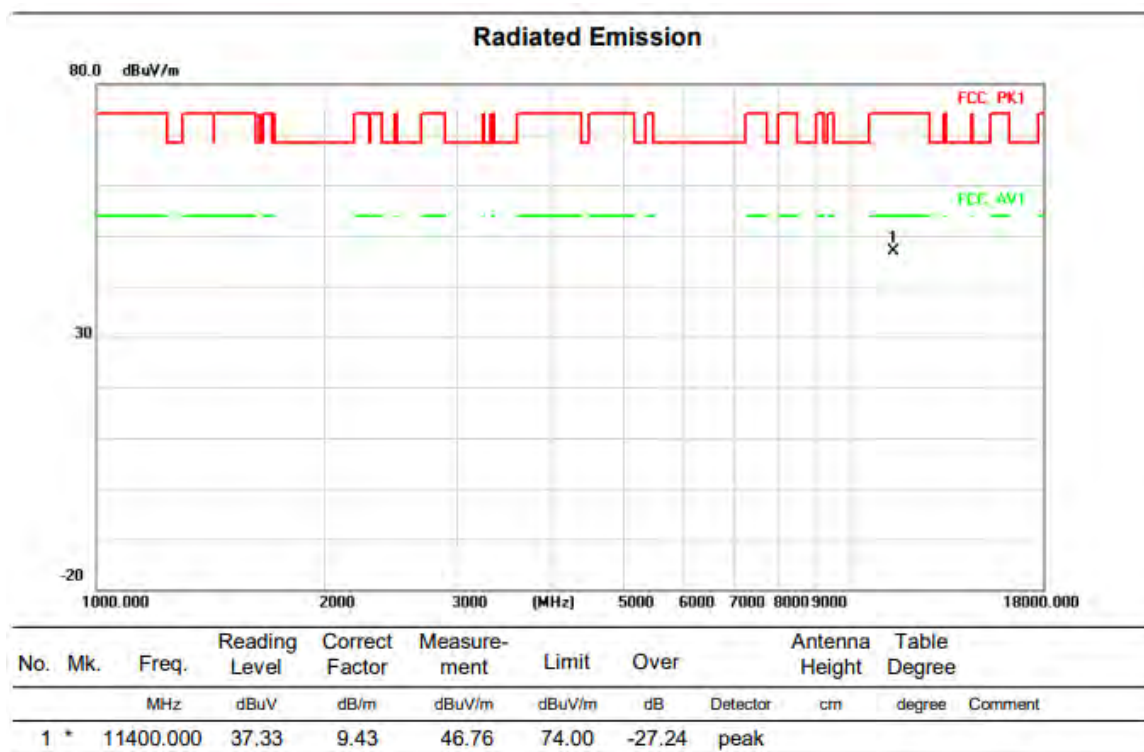


Above 1G (1GHz~18GHz)

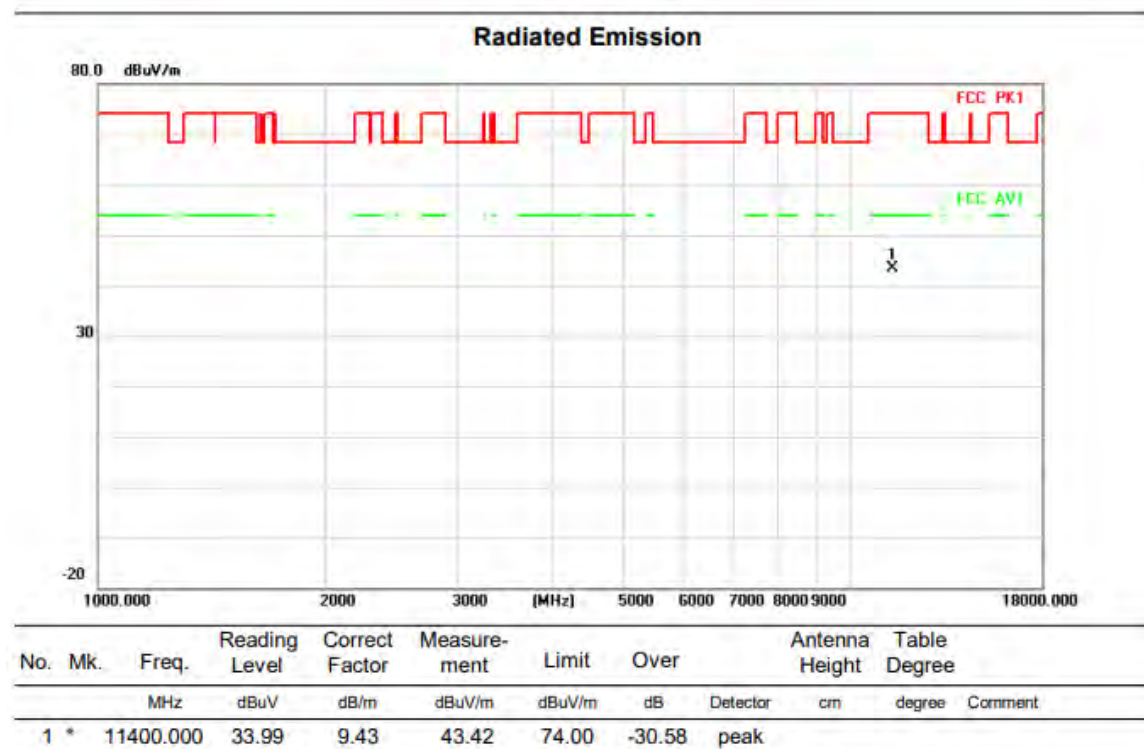
Test mode: 11N20MIMO

Test Channel:140

VERTICAL



HORIZONTAL

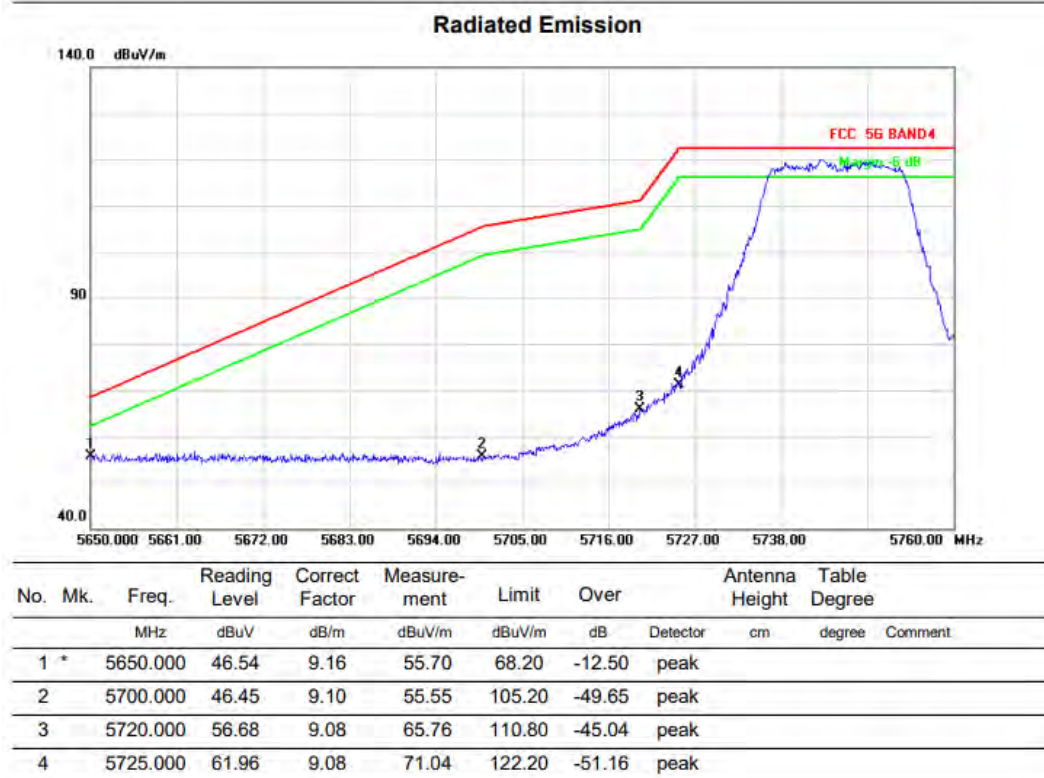
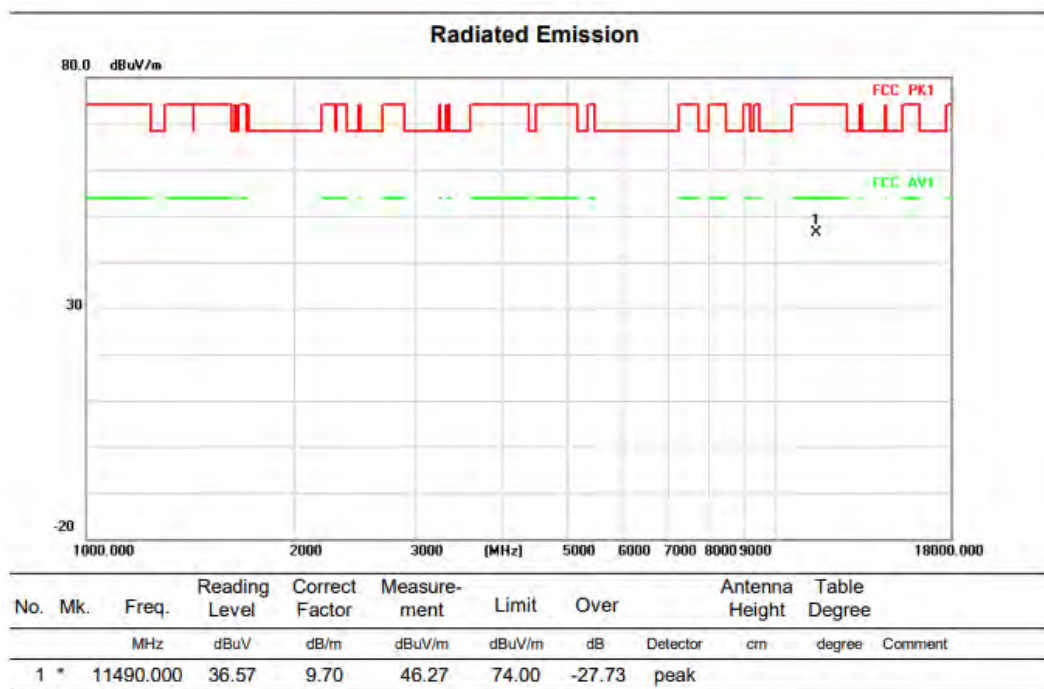


Above 1G (1GHz~18GHz)

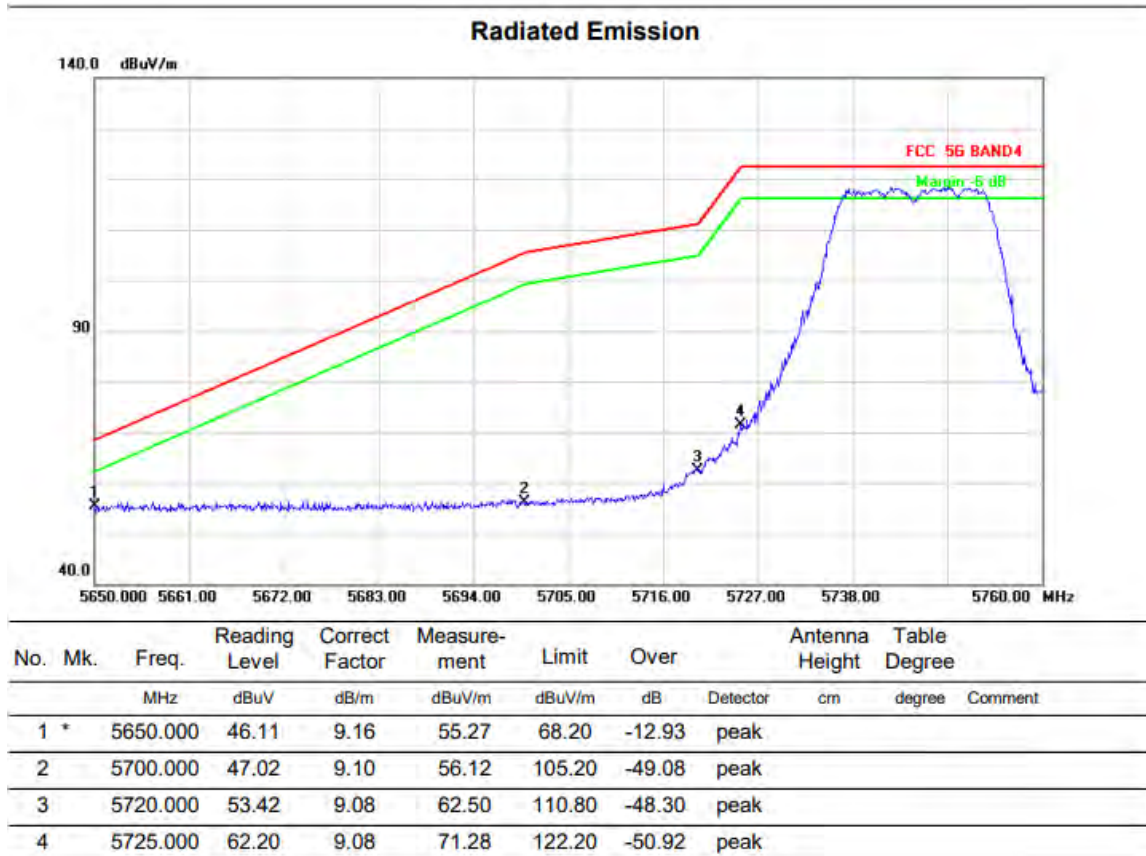
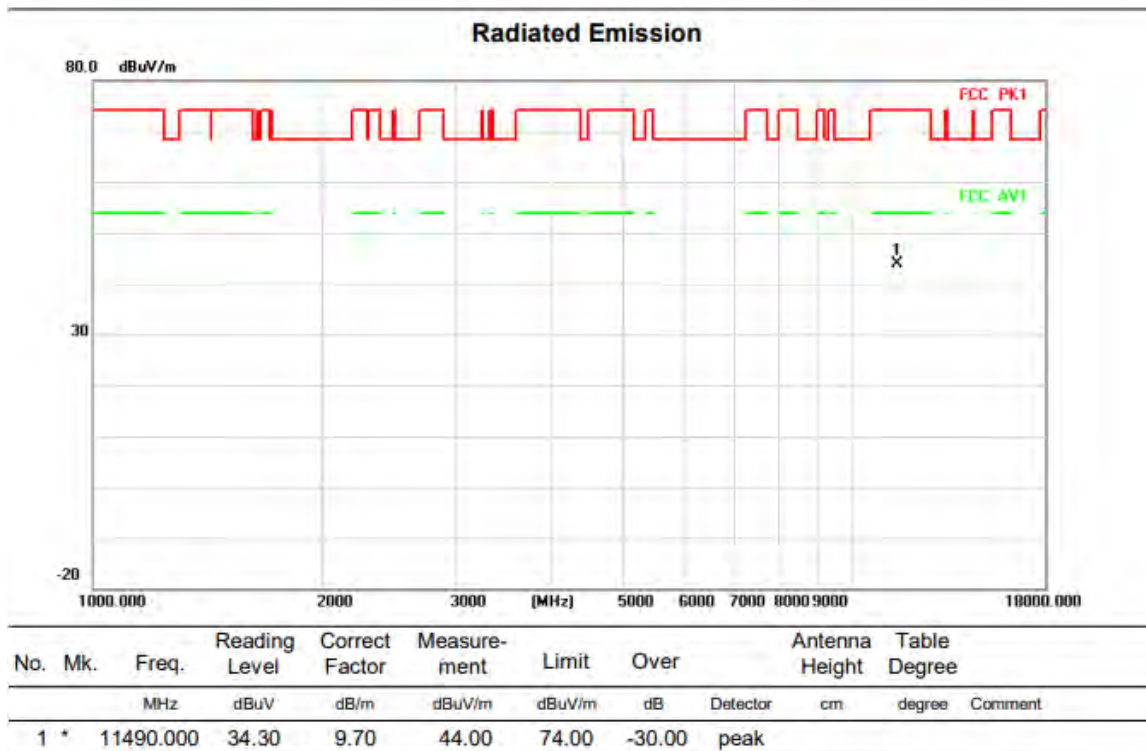
Test mode: 11N20MIMO

Test Channel:149

VERTICAL



HORIZONTAL

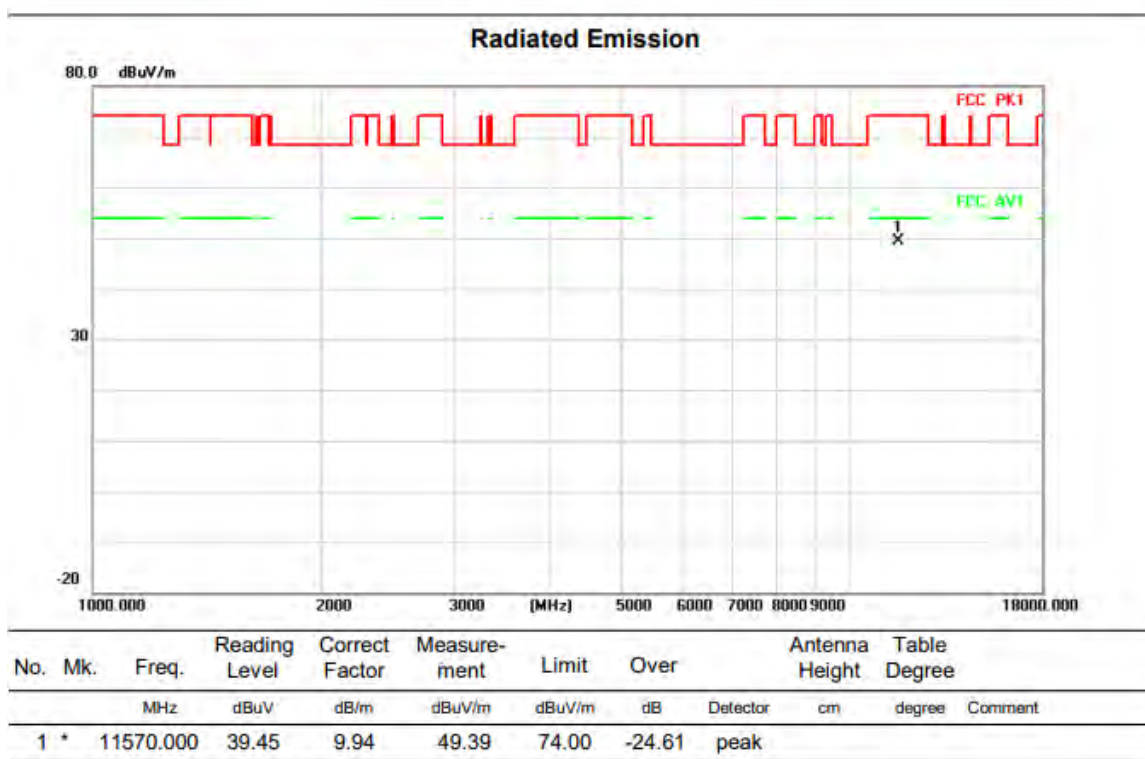


Above 1G (1GHz~18GHz)

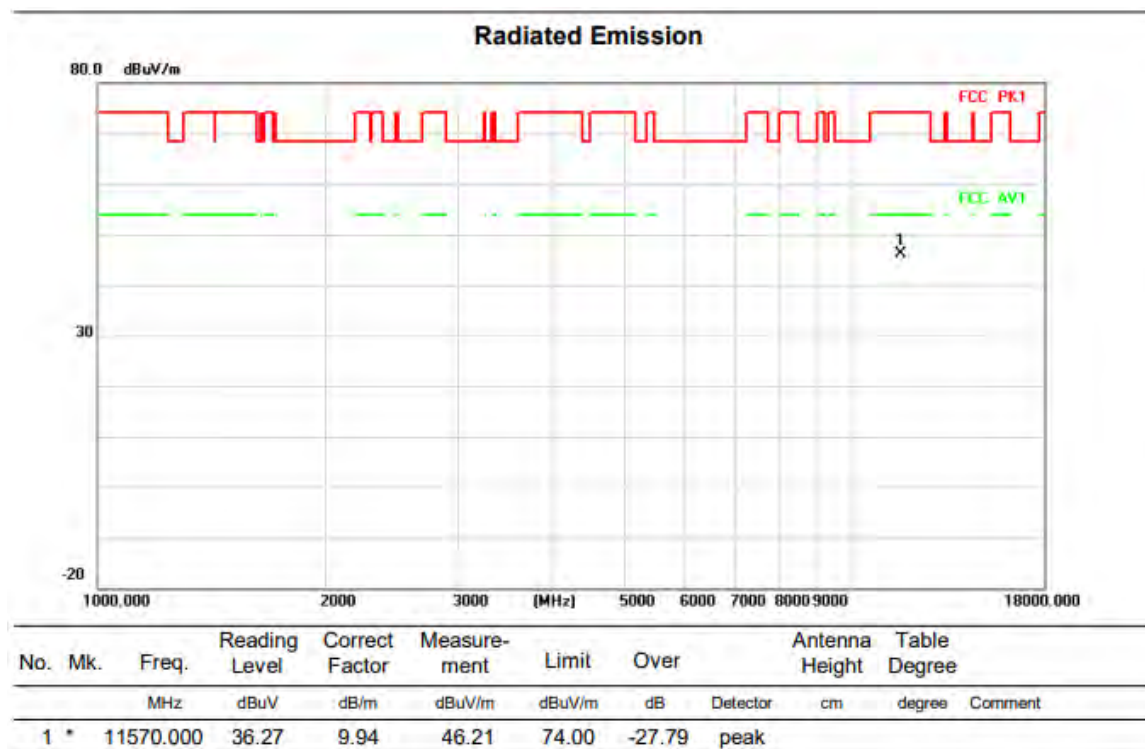
Test mode: 11N20MIMO

Test Channel:157

VERTICAL



HORIZONTAL

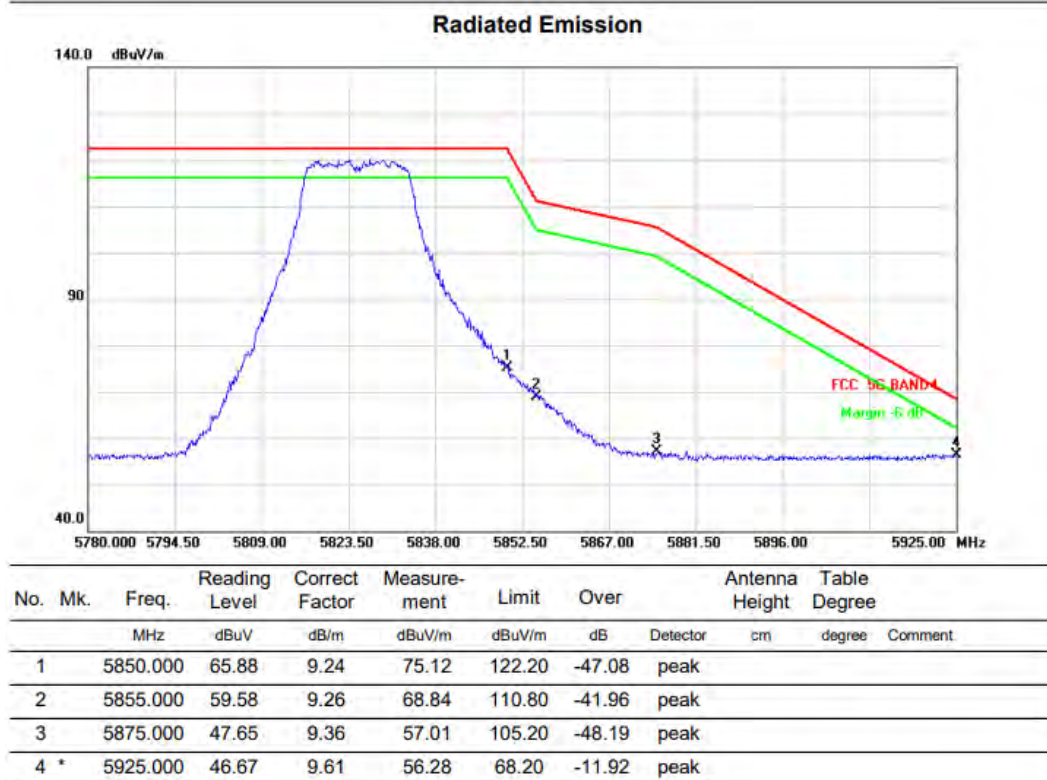
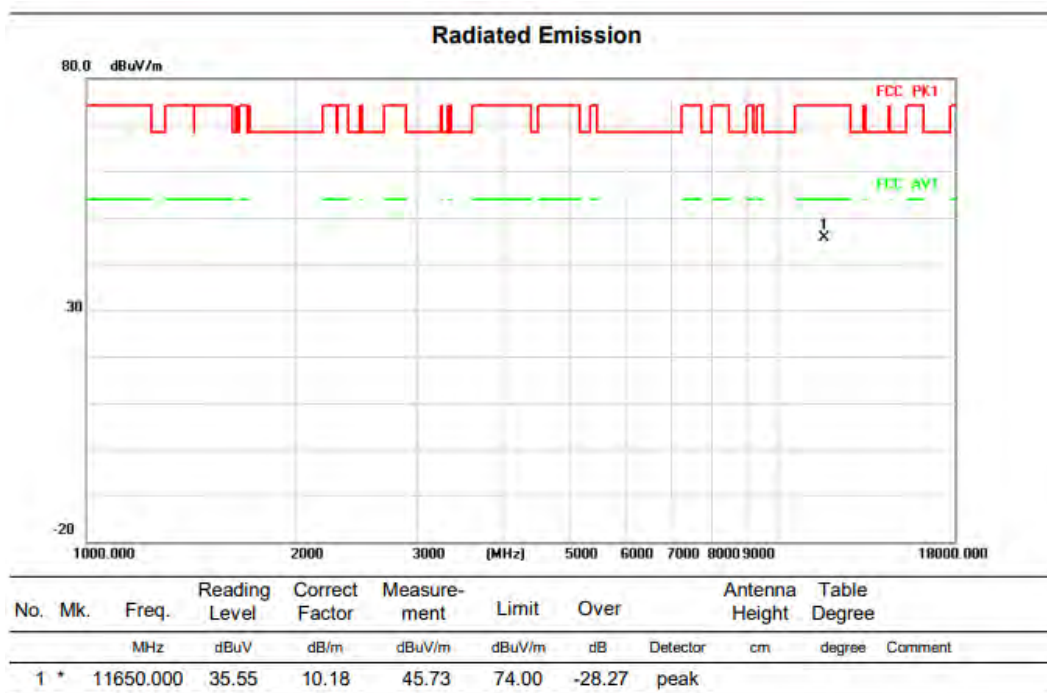


Above 1G (1GHz~18GHz)

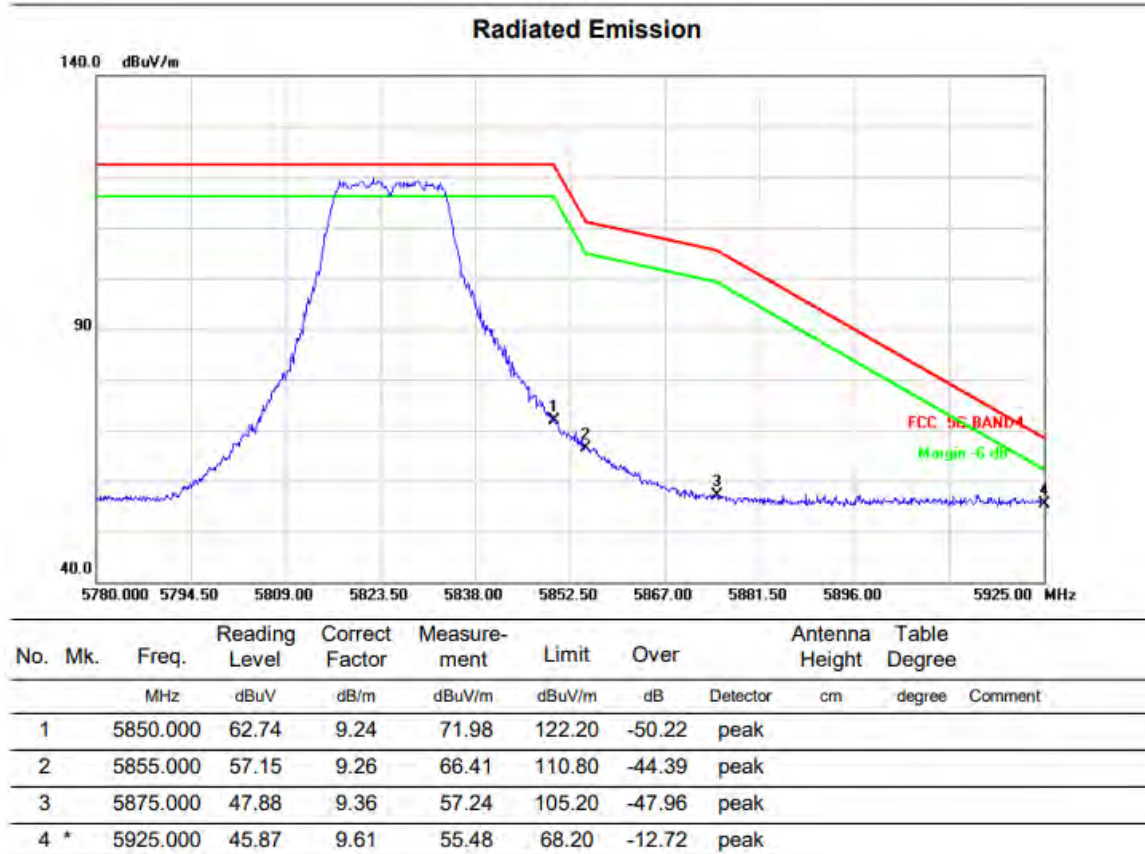
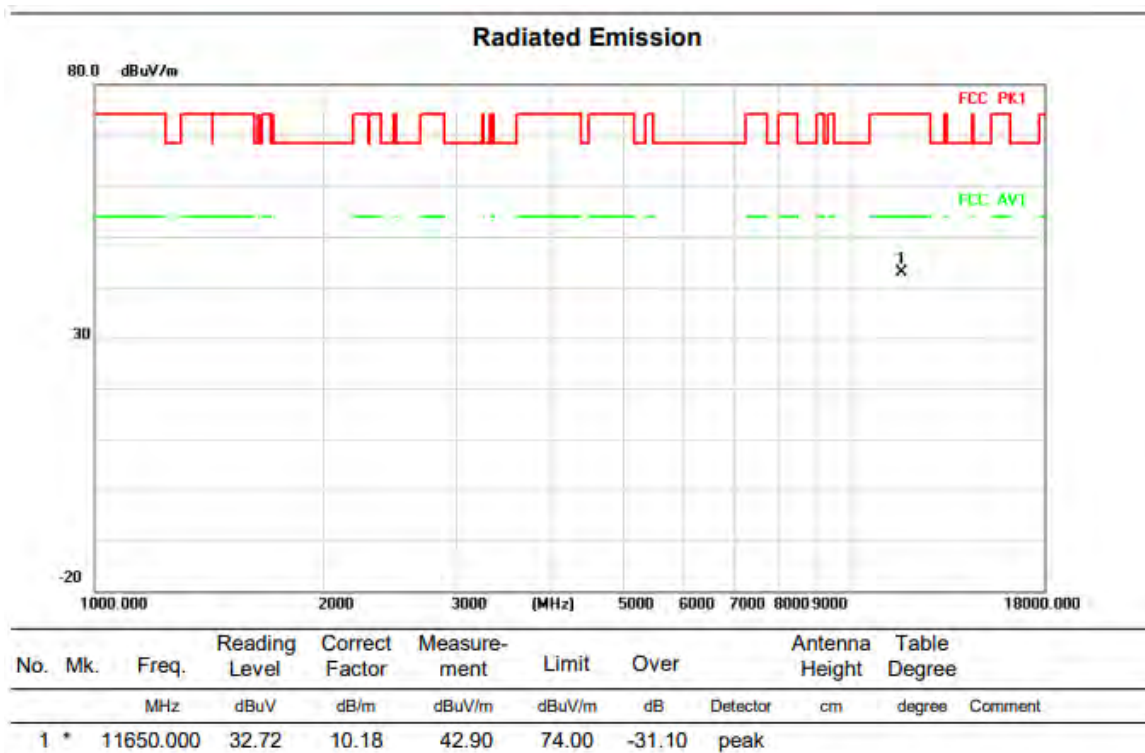
Test mode: 11N20MIMO

Test Channel:165

VERTICAL



HORIZONTAL

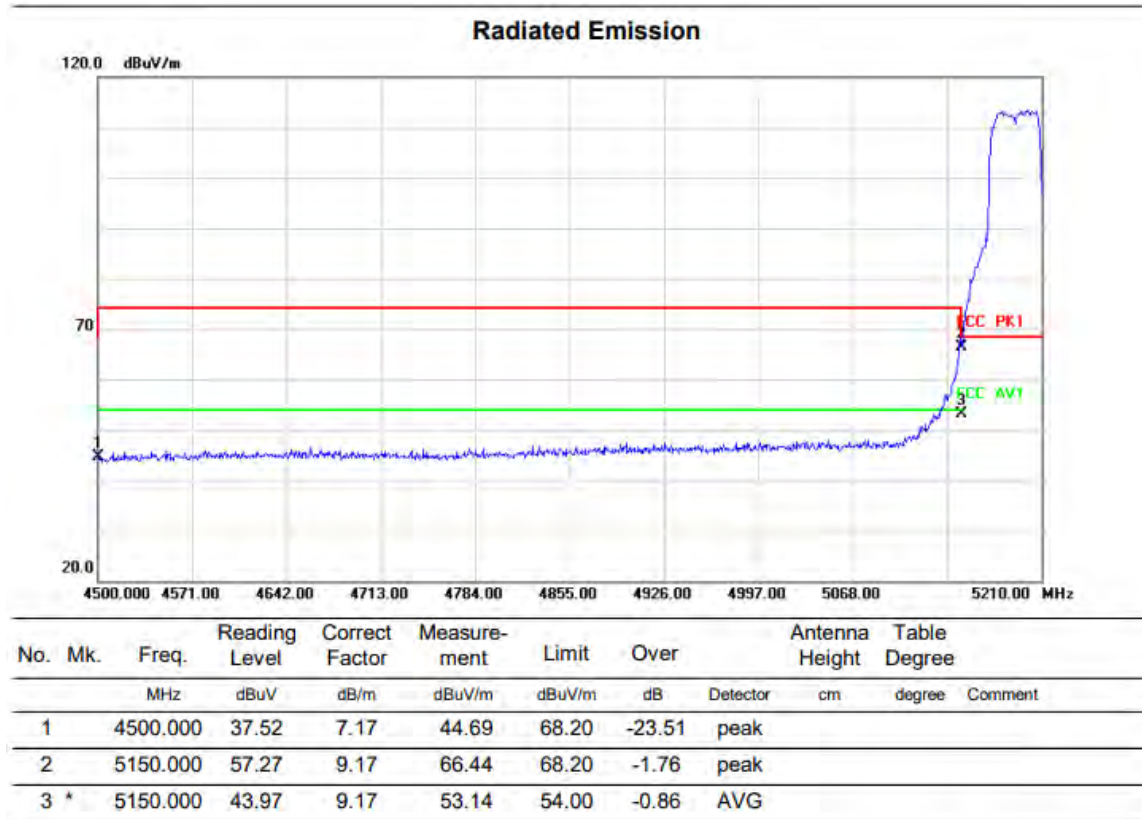
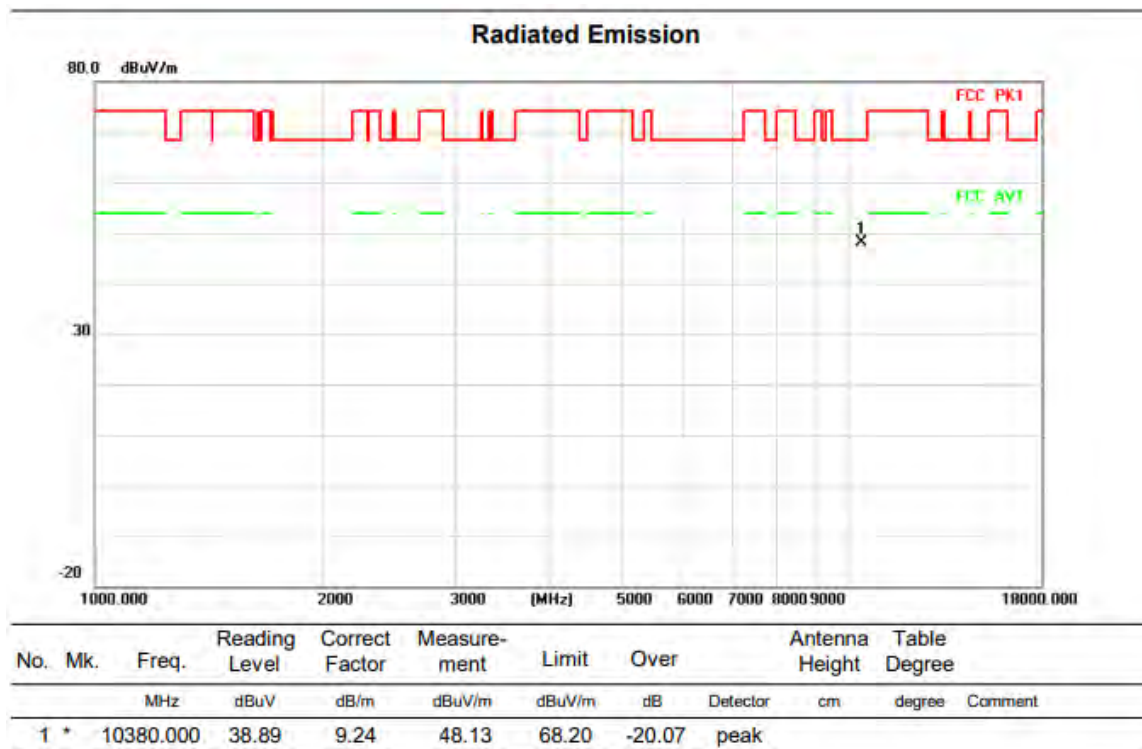


Above 1G (1GHz~18GHz)

Test mode: 11N40MIMO

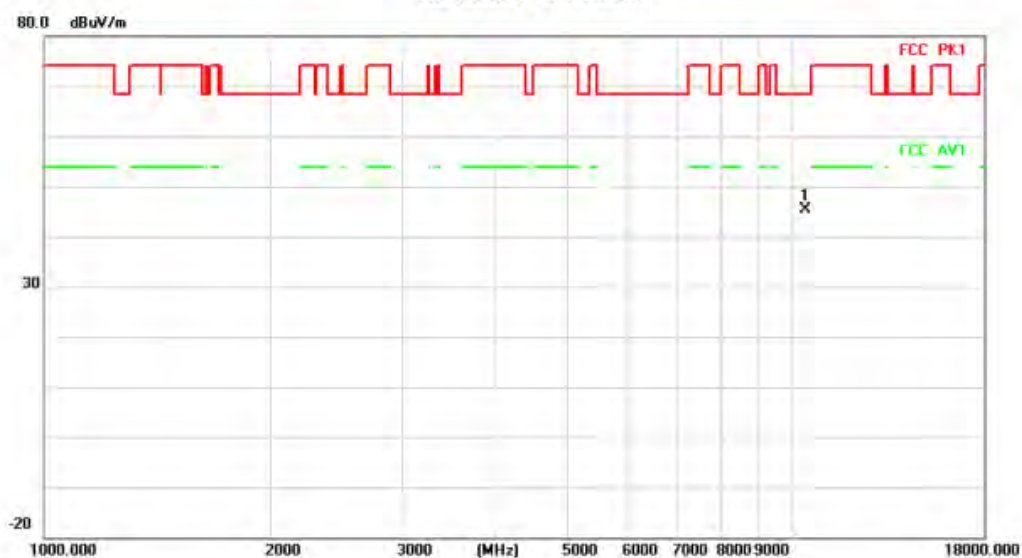
Test Channel:38

VERTICAL



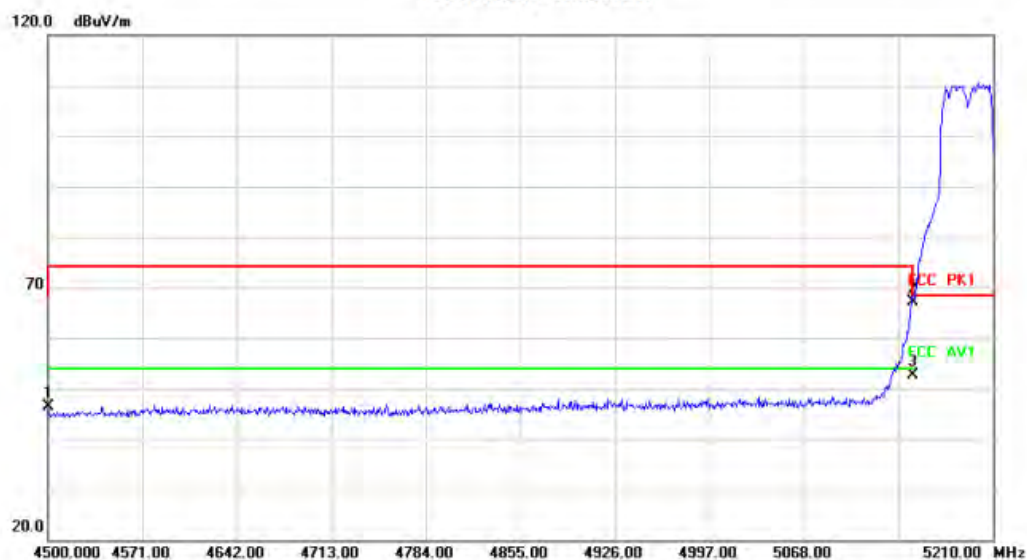
HORIZONTAL

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	Detector	cm	degree
1	*	10380.000	36.09	9.24	45.33	68.20	-22.87	peak		Comment

Radiated Emission



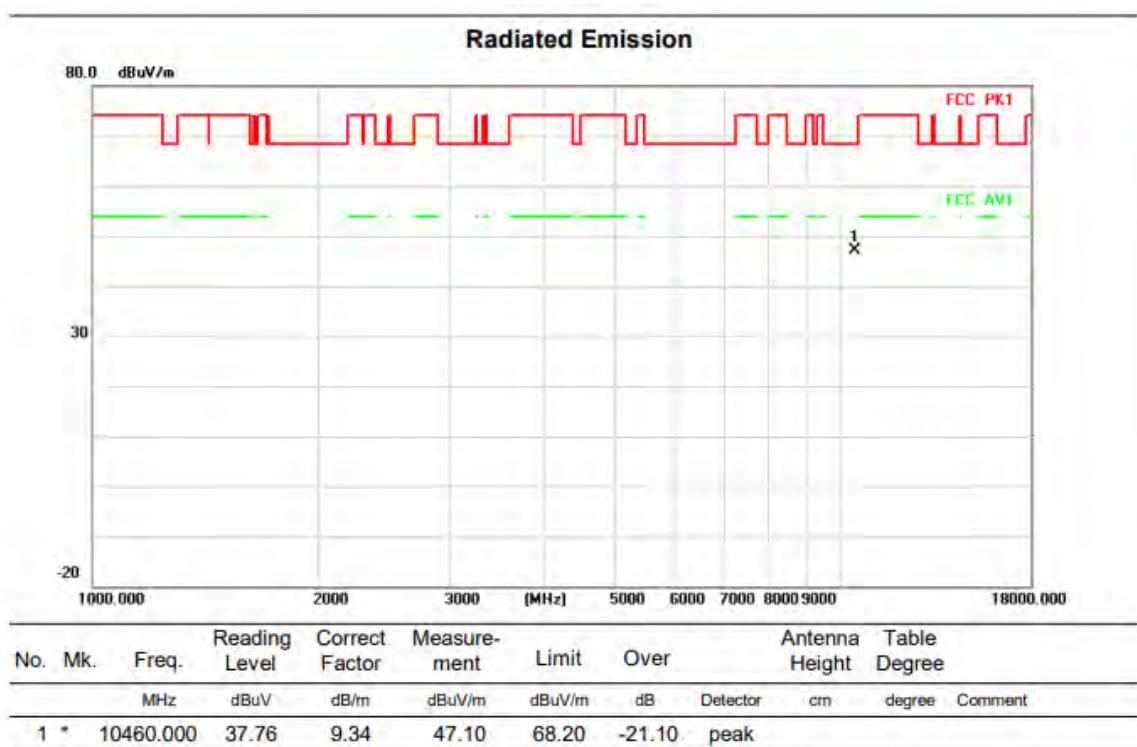
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4500.000	39.09	7.17	46.26	68.20	-21.94	peak		Comment
2	*	5150.000	57.97	9.17	67.14	68.20	-1.06	peak		
3		5150.000	43.57	9.17	52.74	54.00	-1.26	AVG		

Above 1G (1GHz~18GHz)

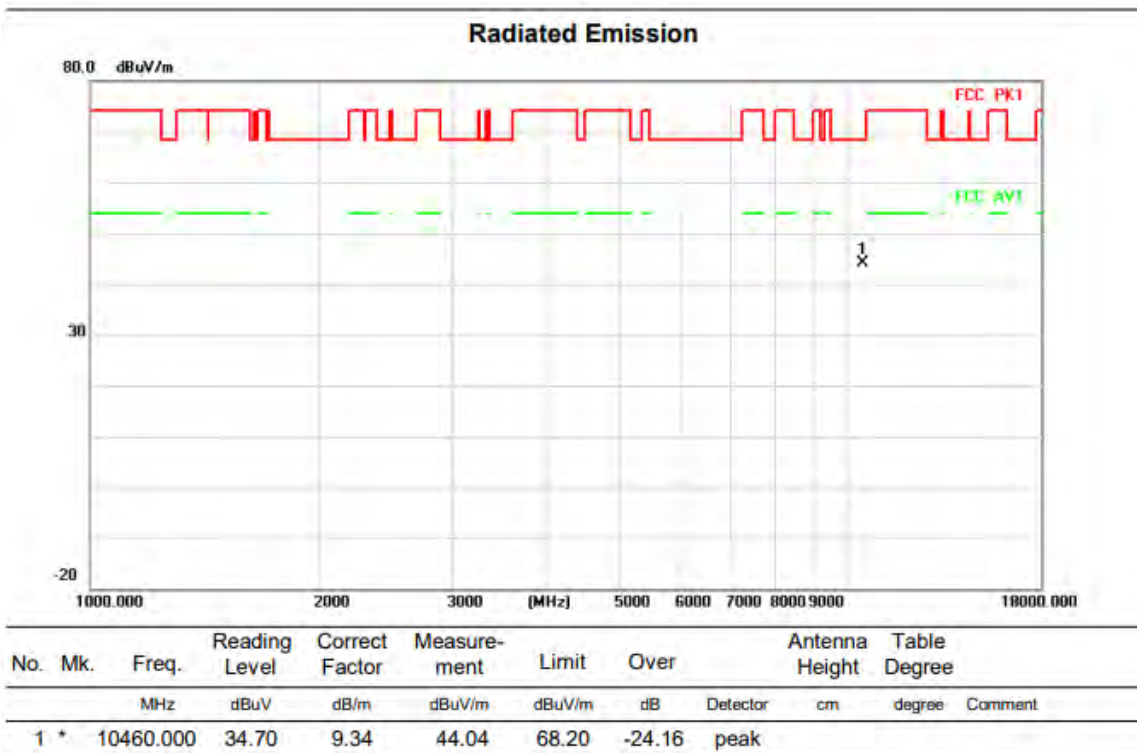
Test mode: 11N40MIMO

Test Channel:46

VERTICAL



HORIZONTAL

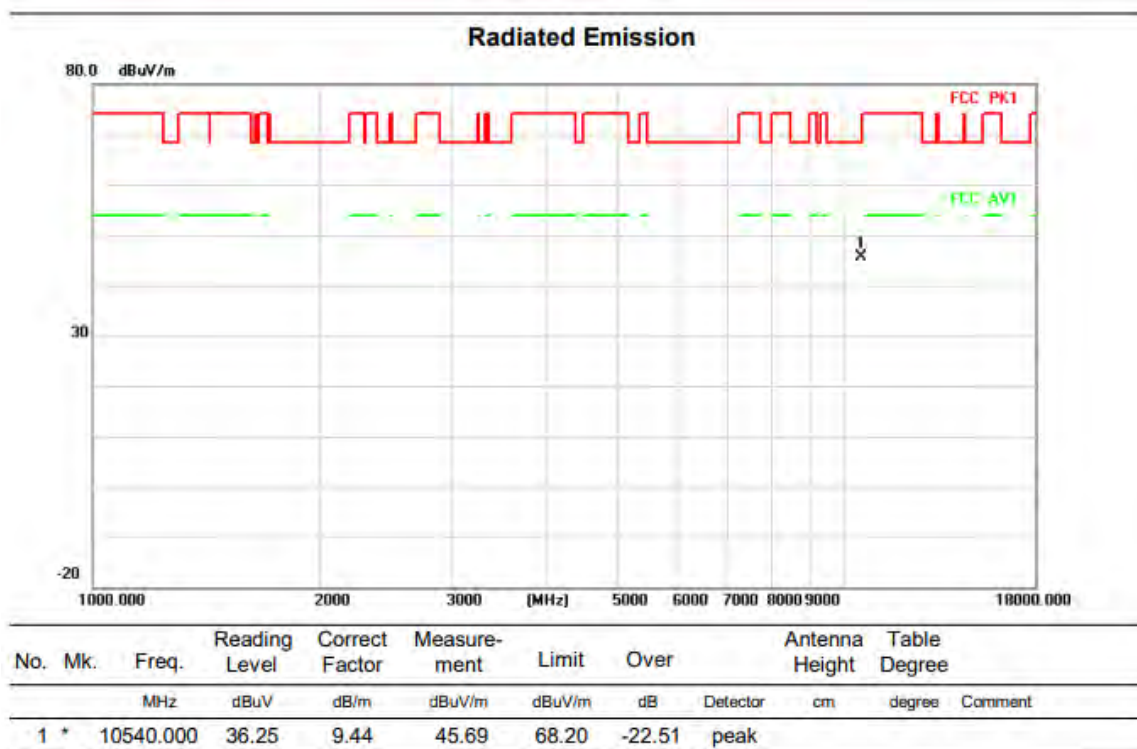


Above 1G (1GHz~18GHz)

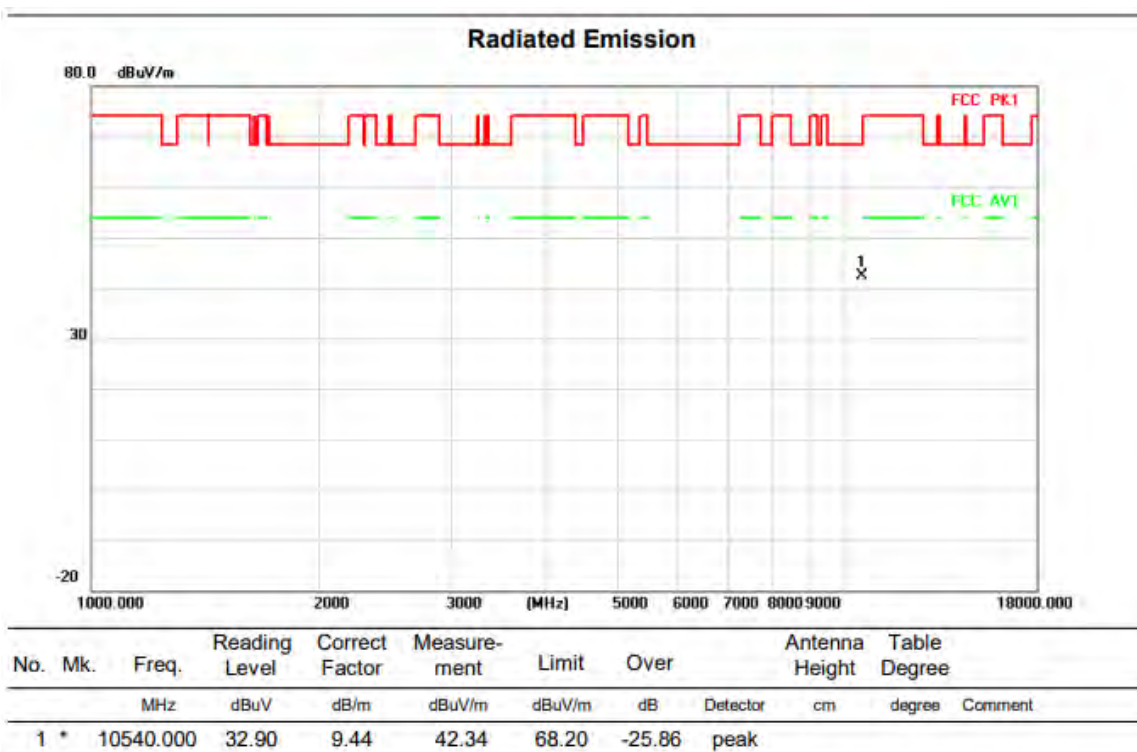
Test mode: 11N40MIMO

Test Channel:54

VERTICAL



HORIZONTAL

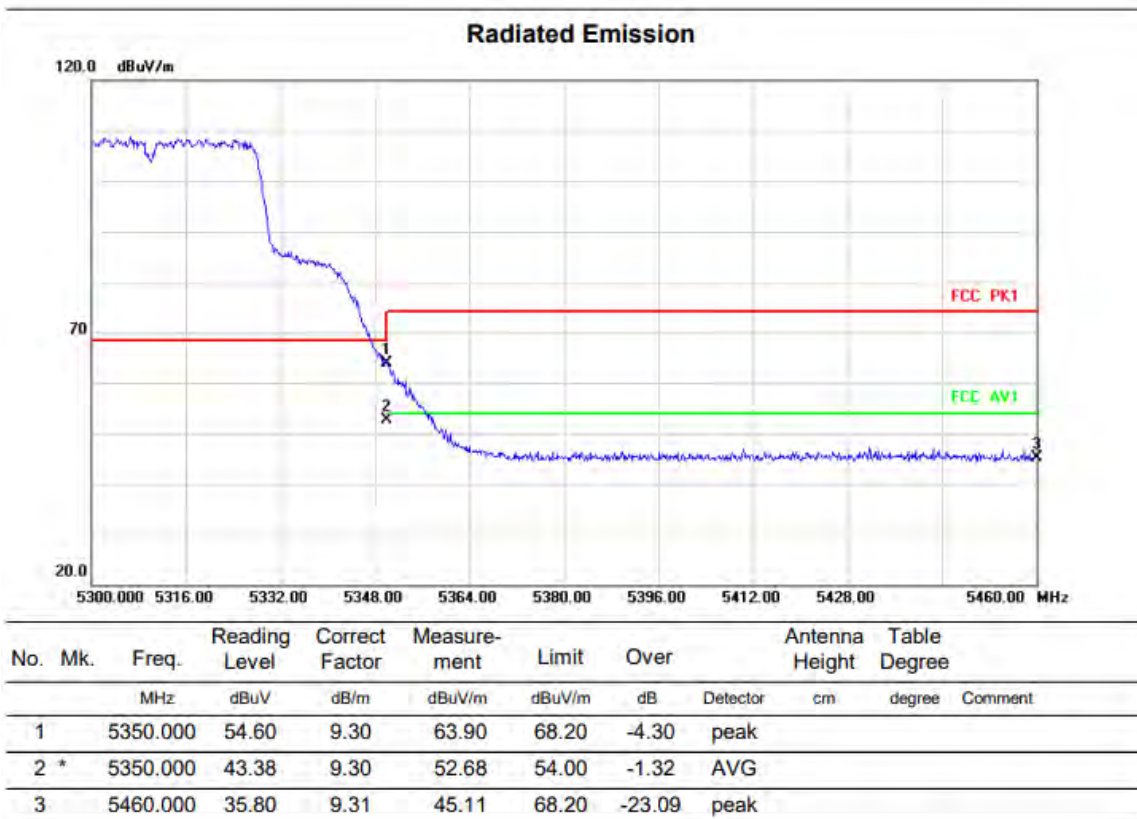
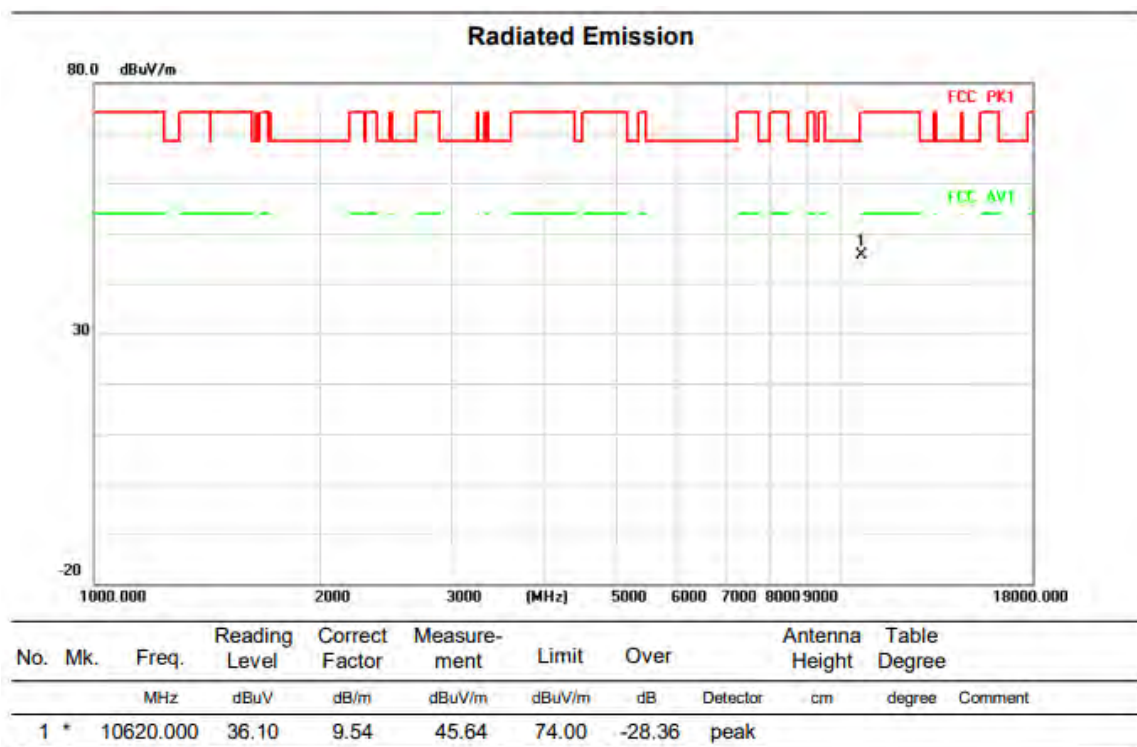


Above 1G (1GHz~18GHz)

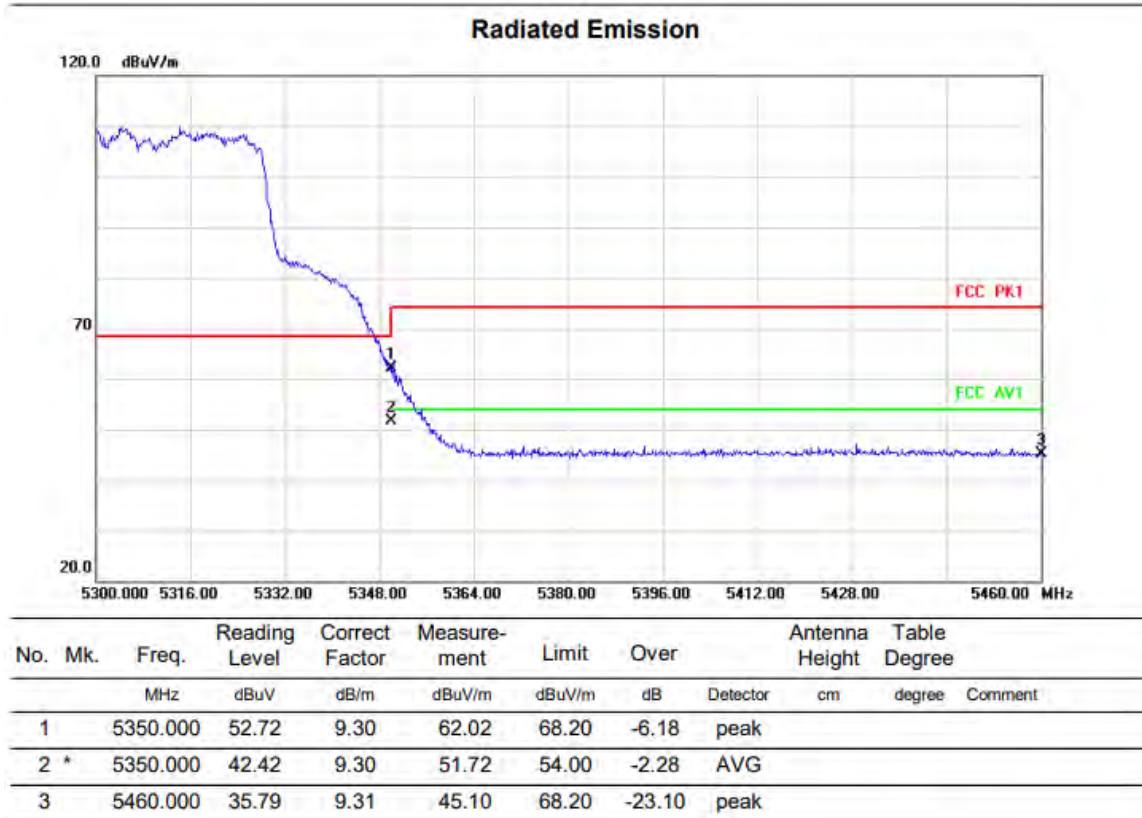
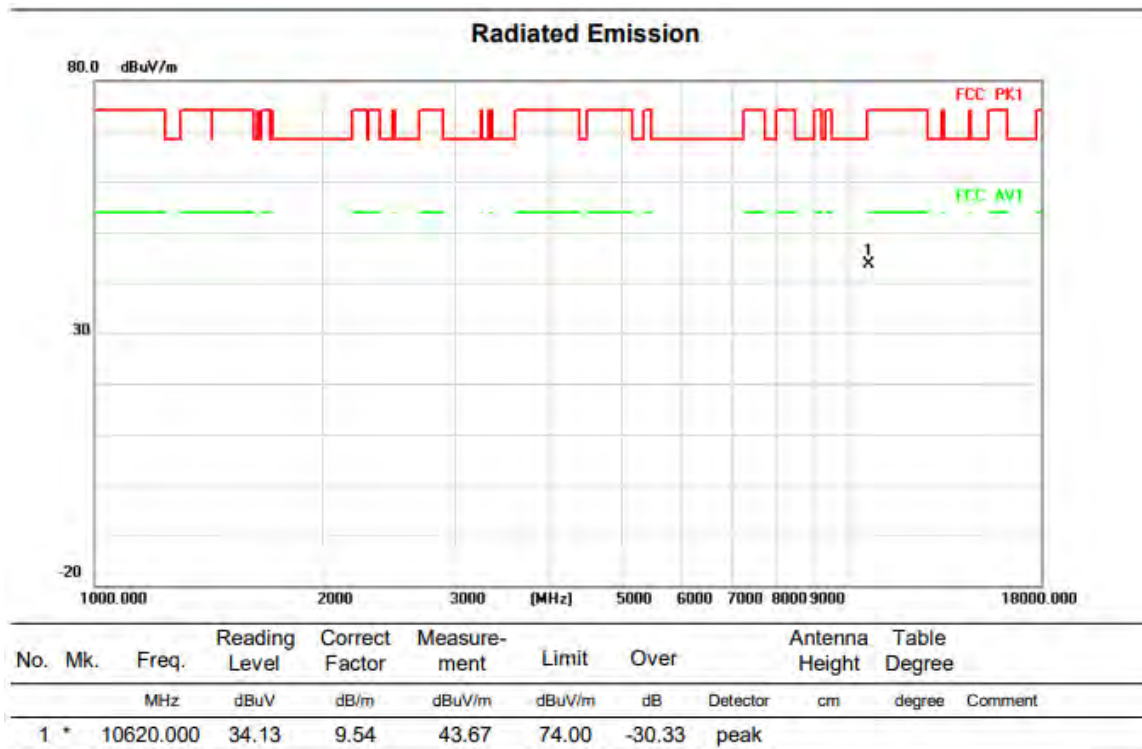
Test mode: 11N40MIMO

Test Channel:62

VERTICAL



HORIZONTAL

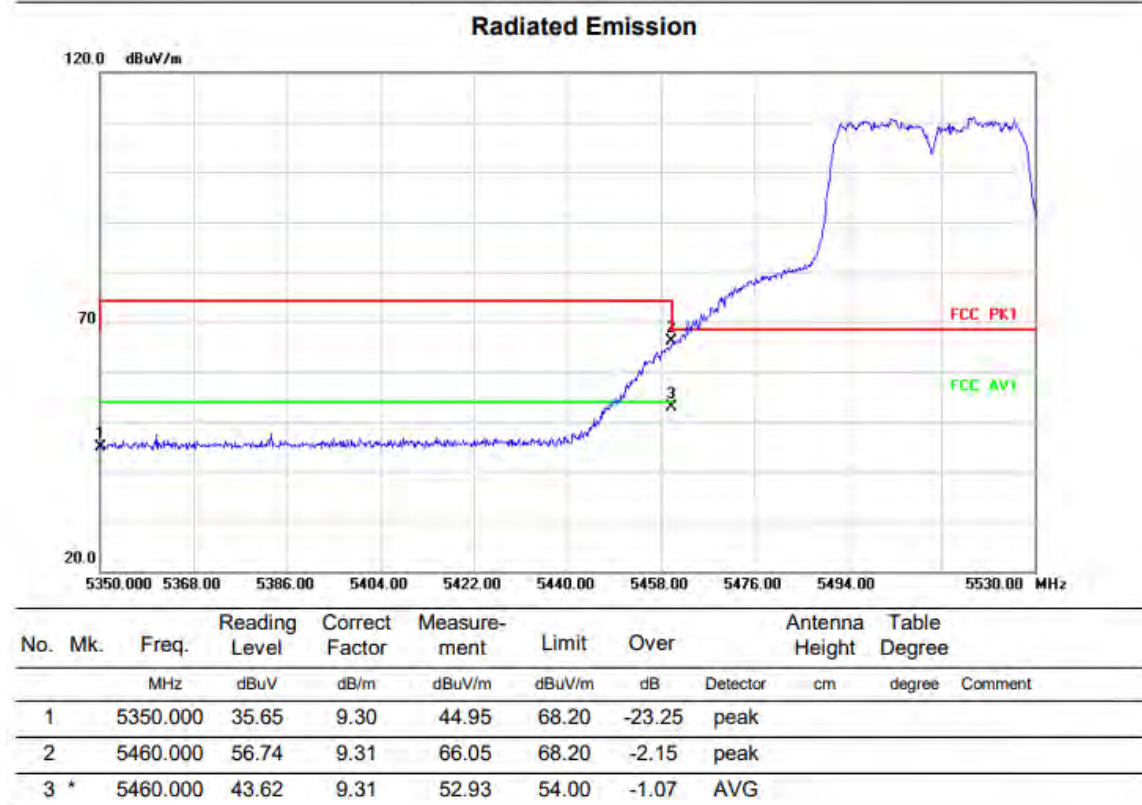
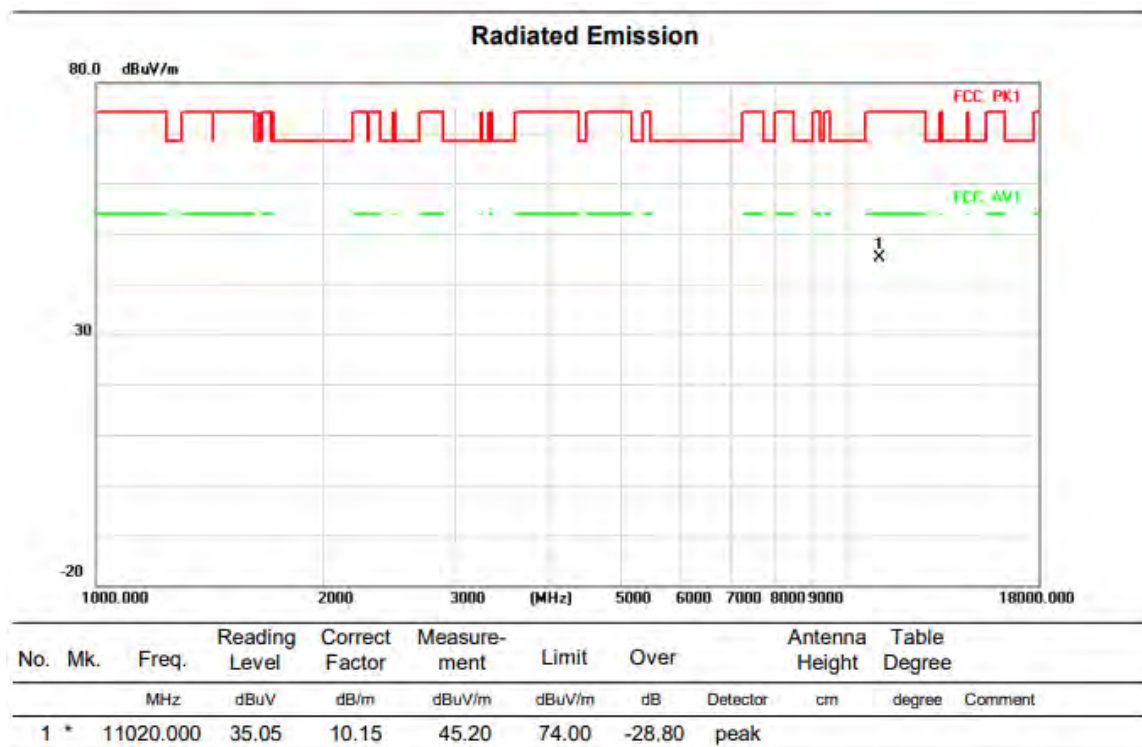


Above 1G (1GHz~18GHz)

Test mode: 11N40MIMO

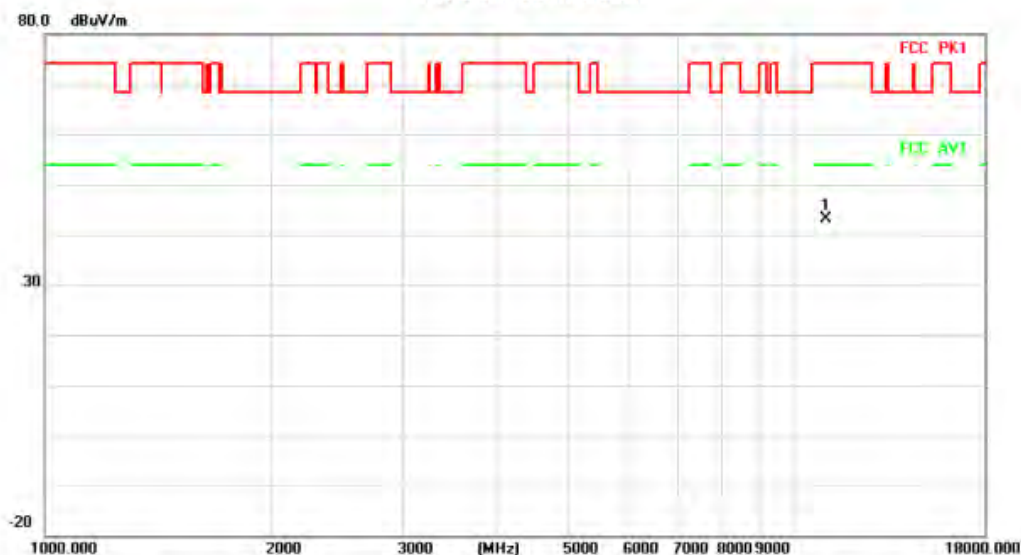
Test Channel:102

VERTICAL



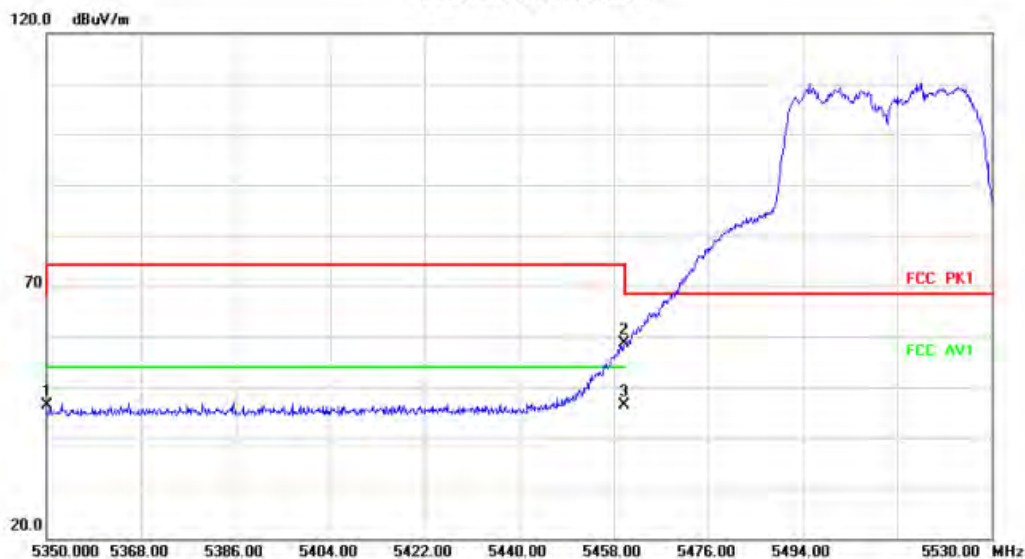
HORIZONTAL

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	*	11020.000	33.05	10.15	43.20	74.00	-30.80	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	37.07	9.30	46.37	68.20	-21.83	peak		
2		5460.000	49.29	9.31	58.60	68.20	-9.60	peak		
3	*	5460.000	37.04	9.31	46.35	54.00	-7.65	AVG		

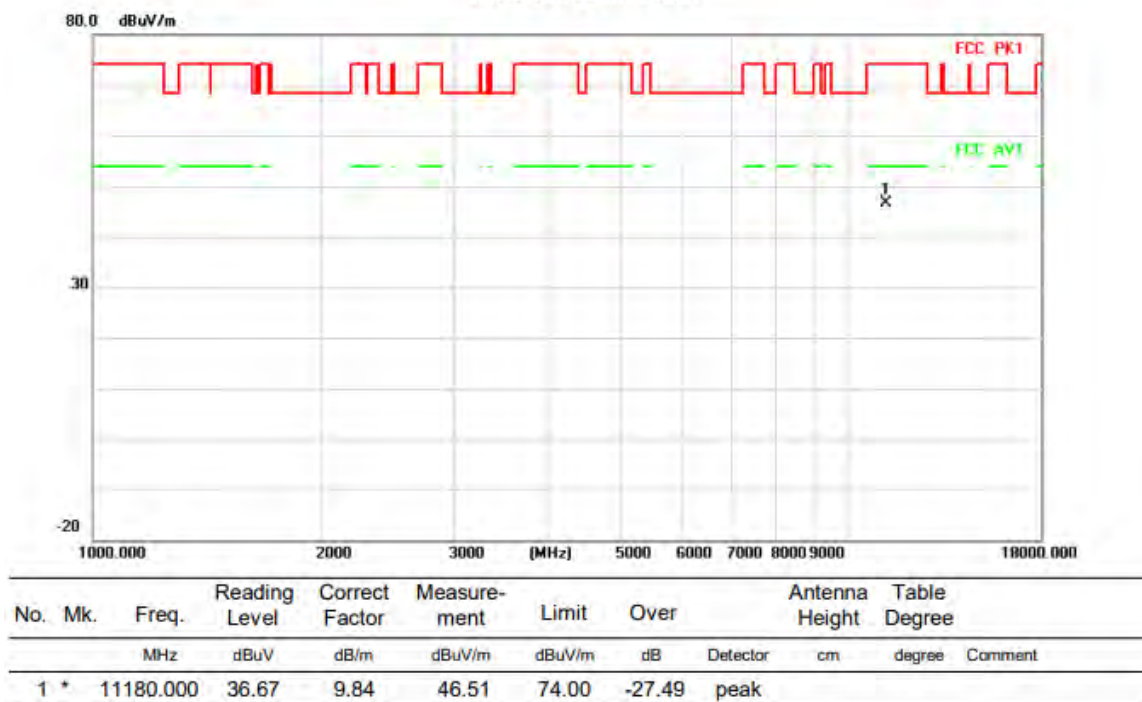
Above 1G (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:118

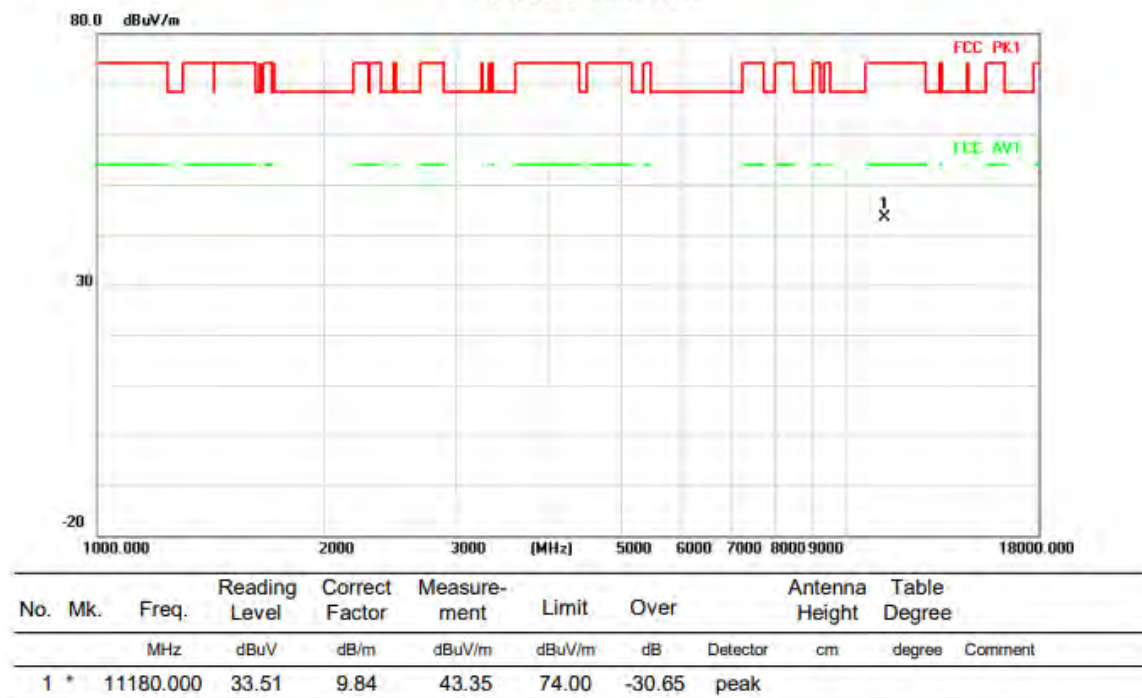
VERTICAL

Radiated Emission



HORIZONTAL

Radiated Emission

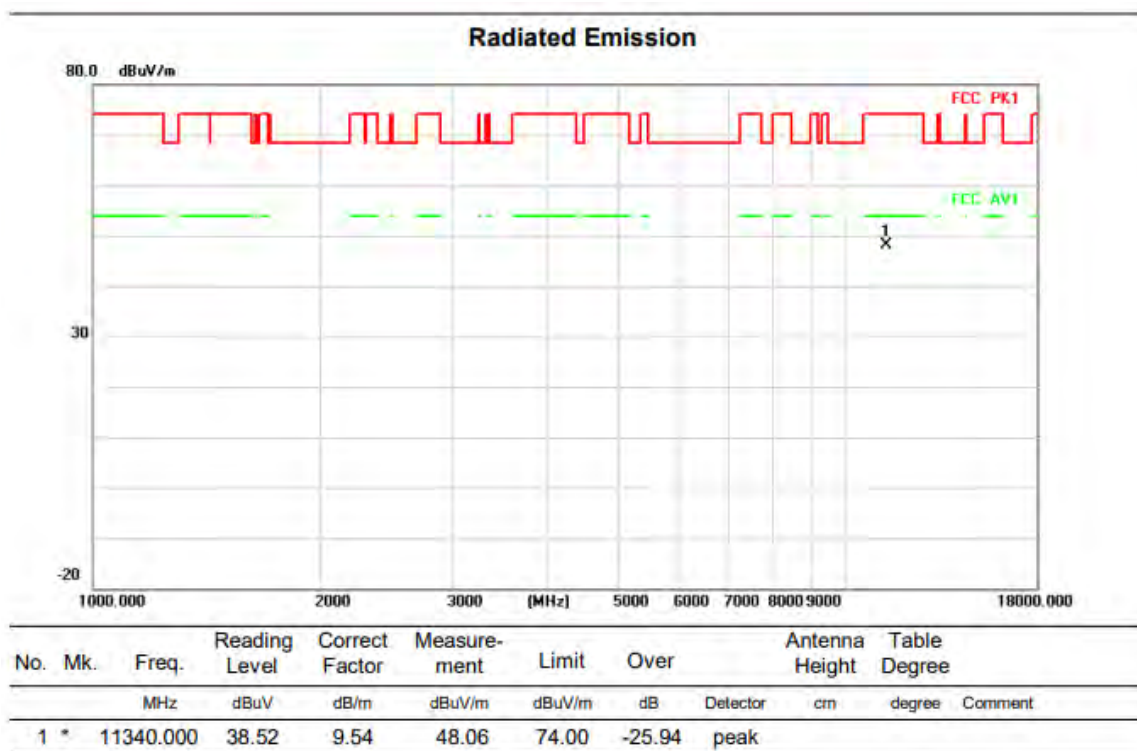


Above 1G (1GHz~18GHz)

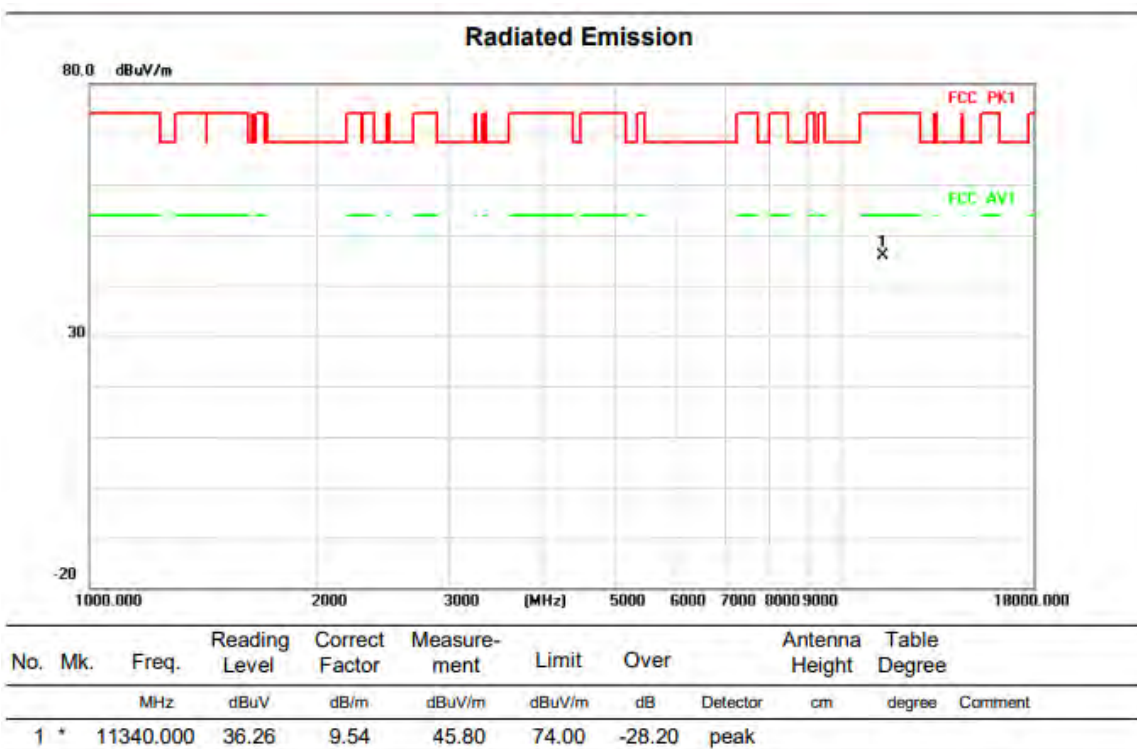
Test mode: 11N40MIMO

Test Channel:134

VERTICAL



HORIZONTAL

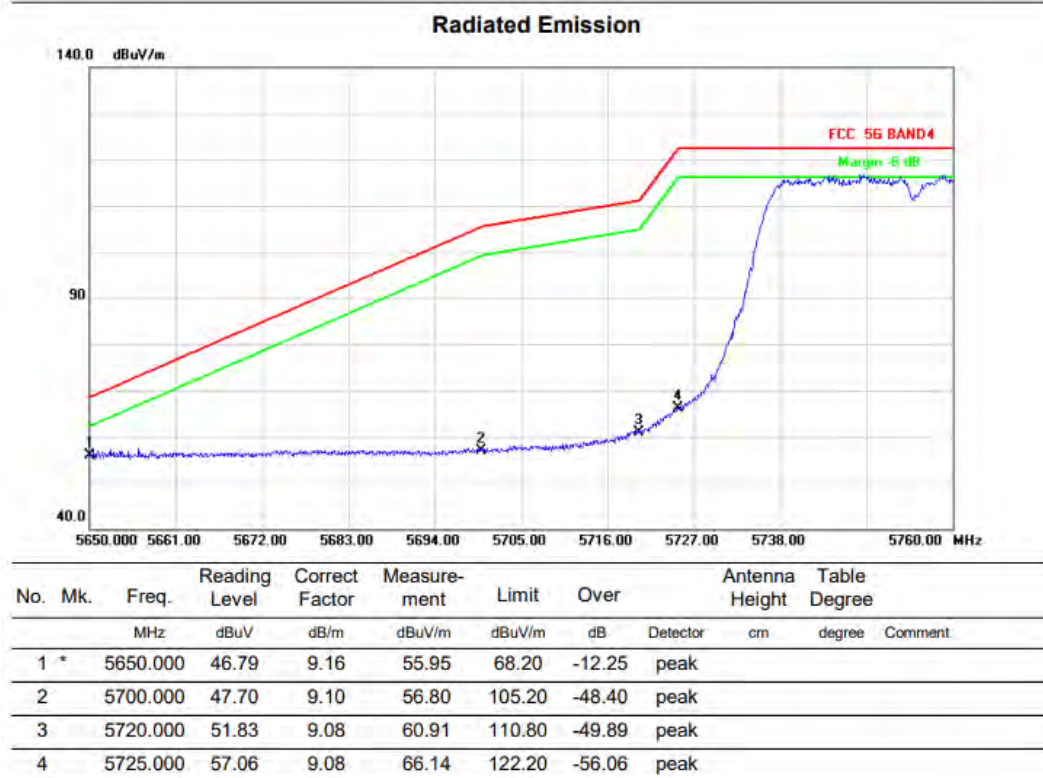
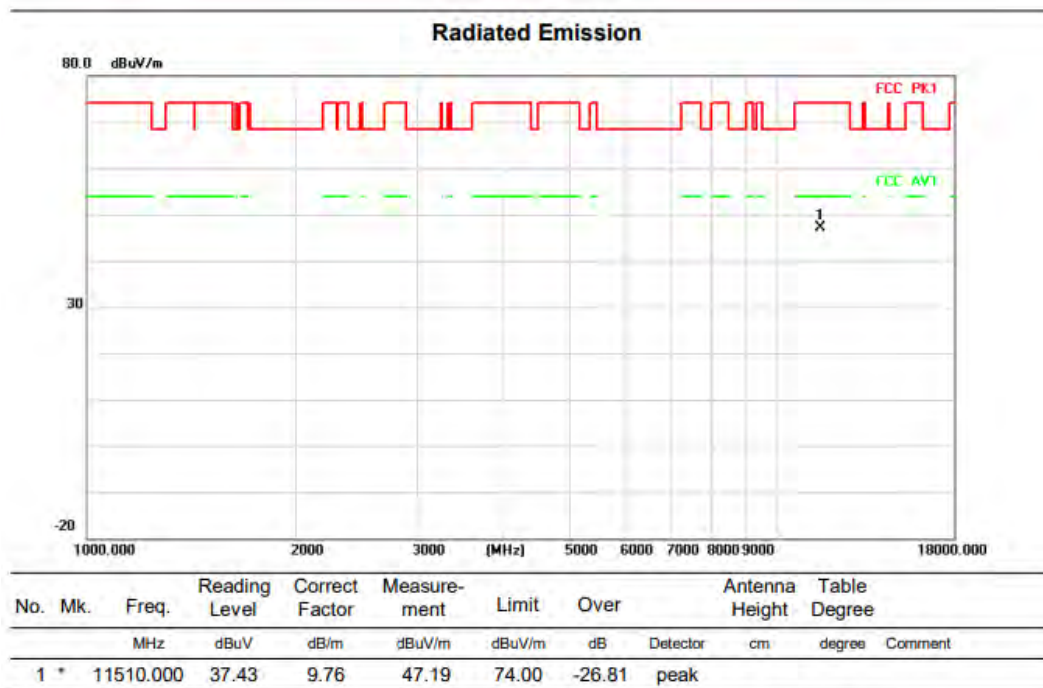


Above 1G (1GHz~18GHz)

Test mode: 11N40MIMO

Test Channel:151

VERTICAL



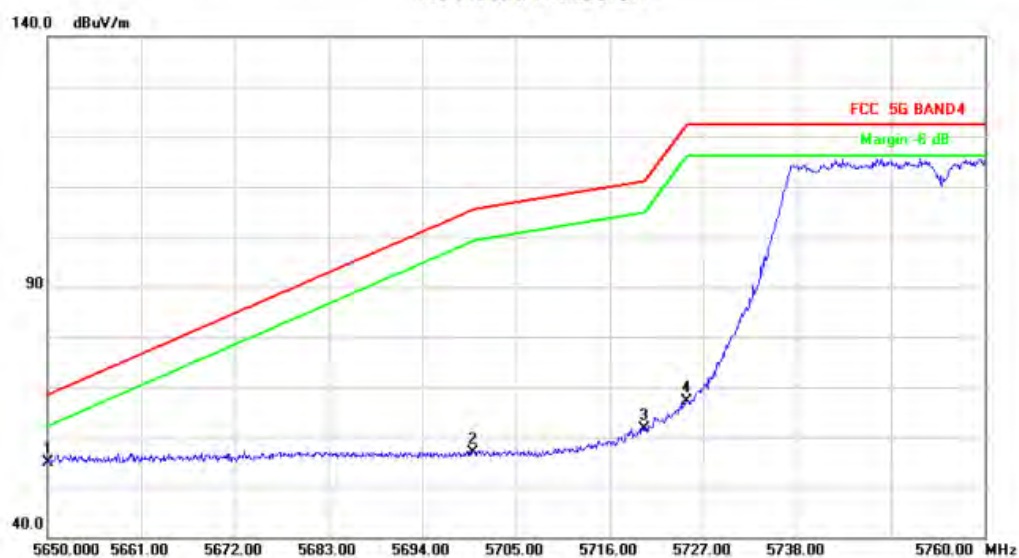
HORIZONTAL

Radiated Emission



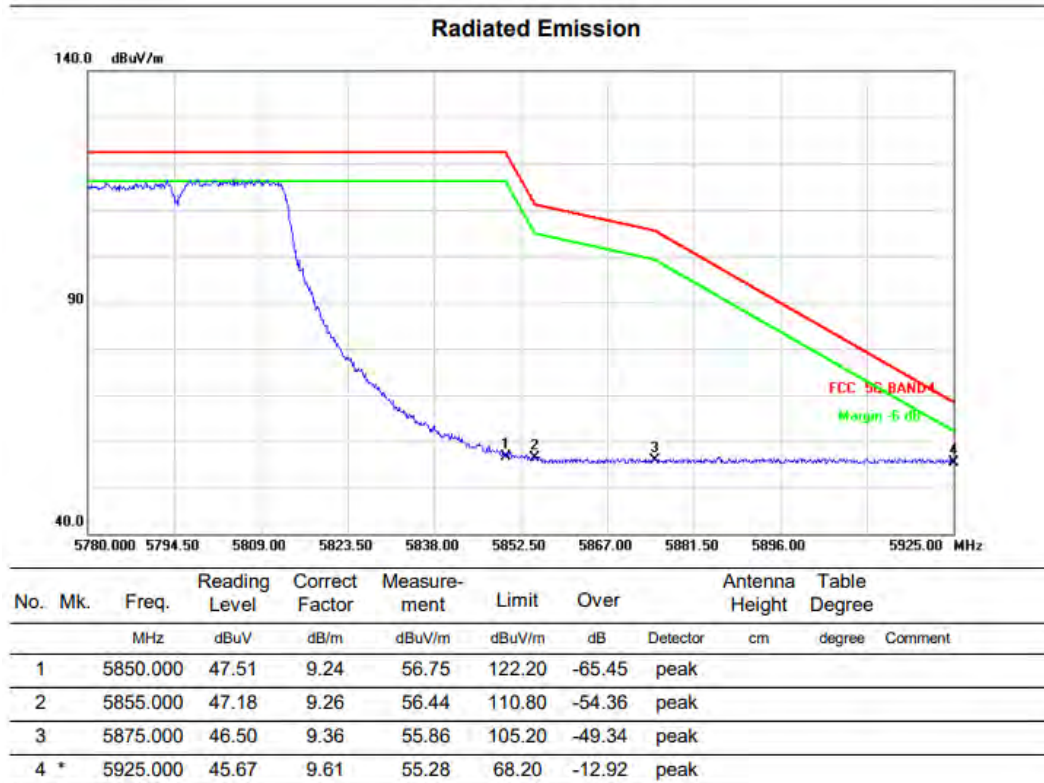
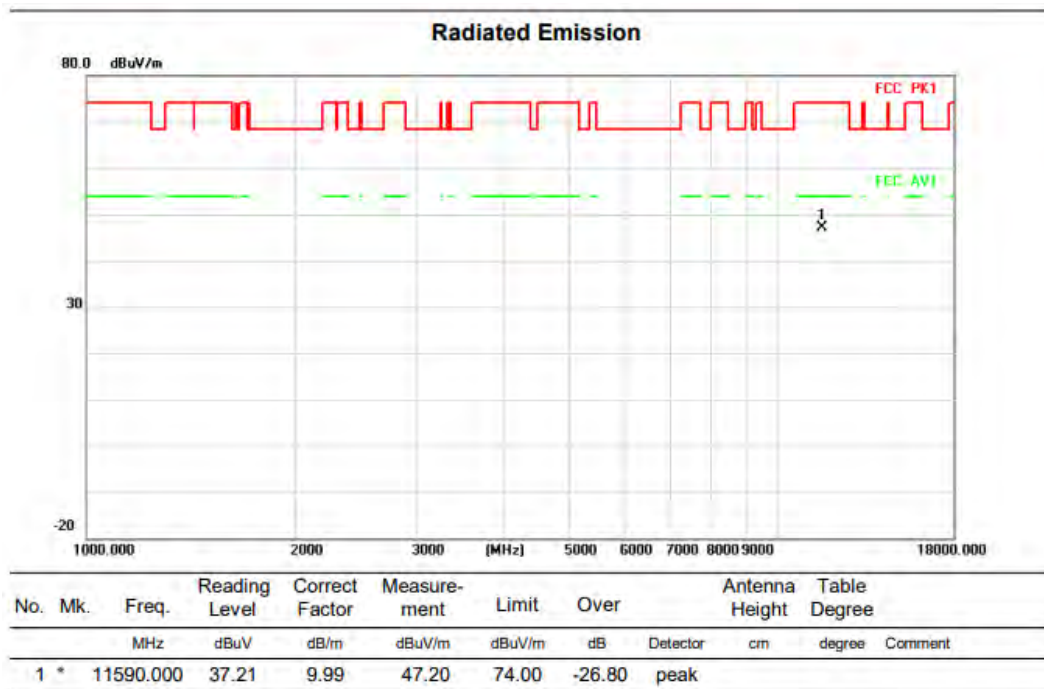
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11510.000	34.24	9.76	44.00	74.00	-30.00	peak		

Radiated Emission

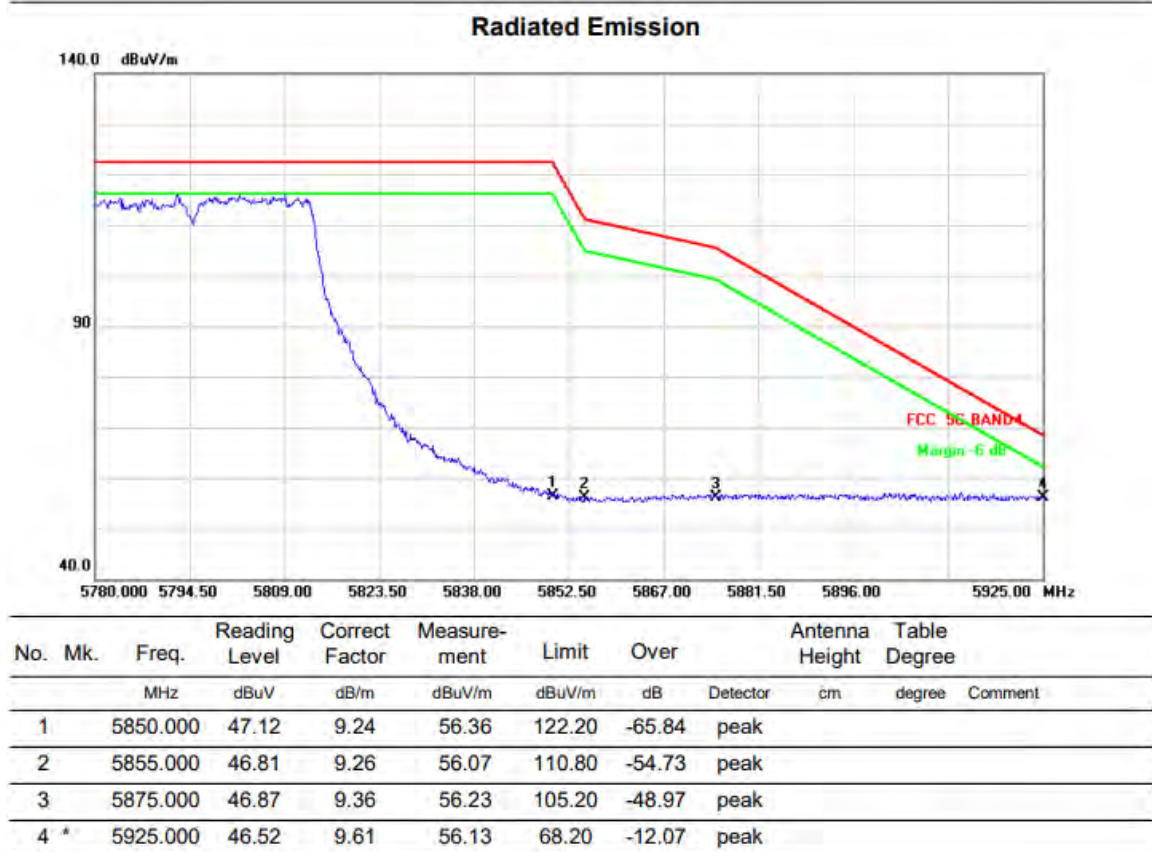
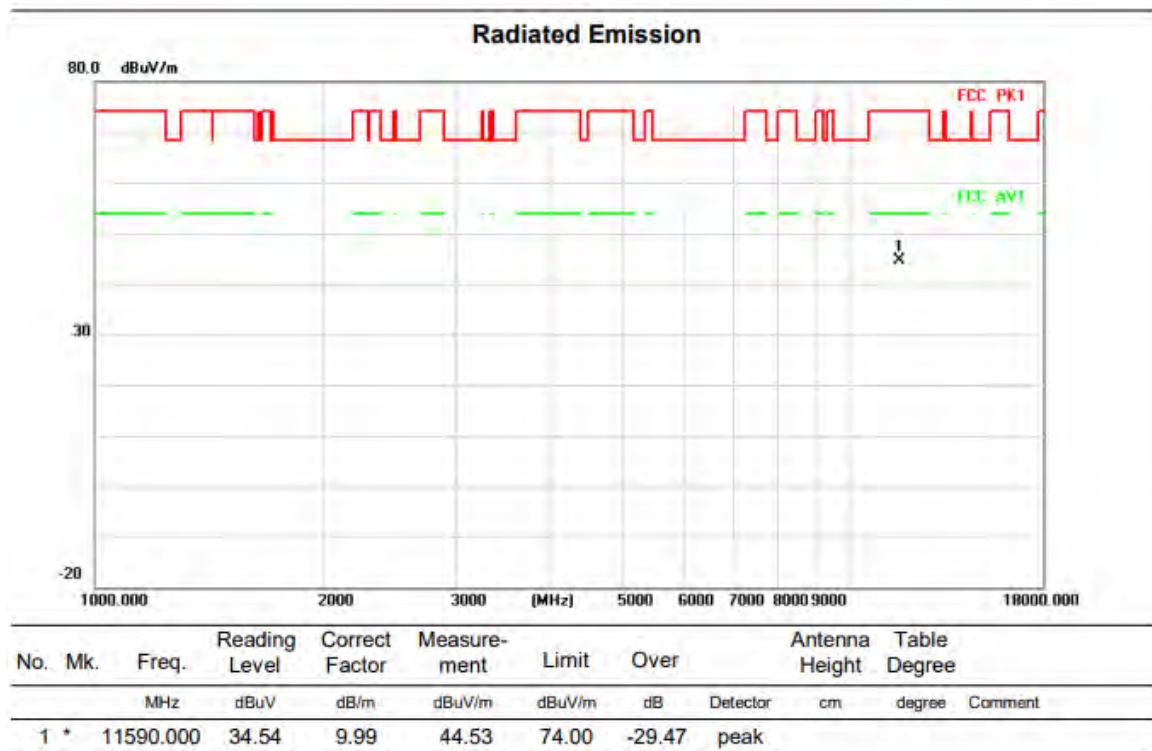


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5650.000	45.67	9.16	54.83	68.20	-13.37	peak		
2		5700.000	47.85	9.10	56.95	105.20	-48.25	peak		
3		5720.000	52.53	9.08	61.61	110.80	-49.19	peak		
4		5725.000	58.00	9.08	67.08	122.20	-55.12	peak		

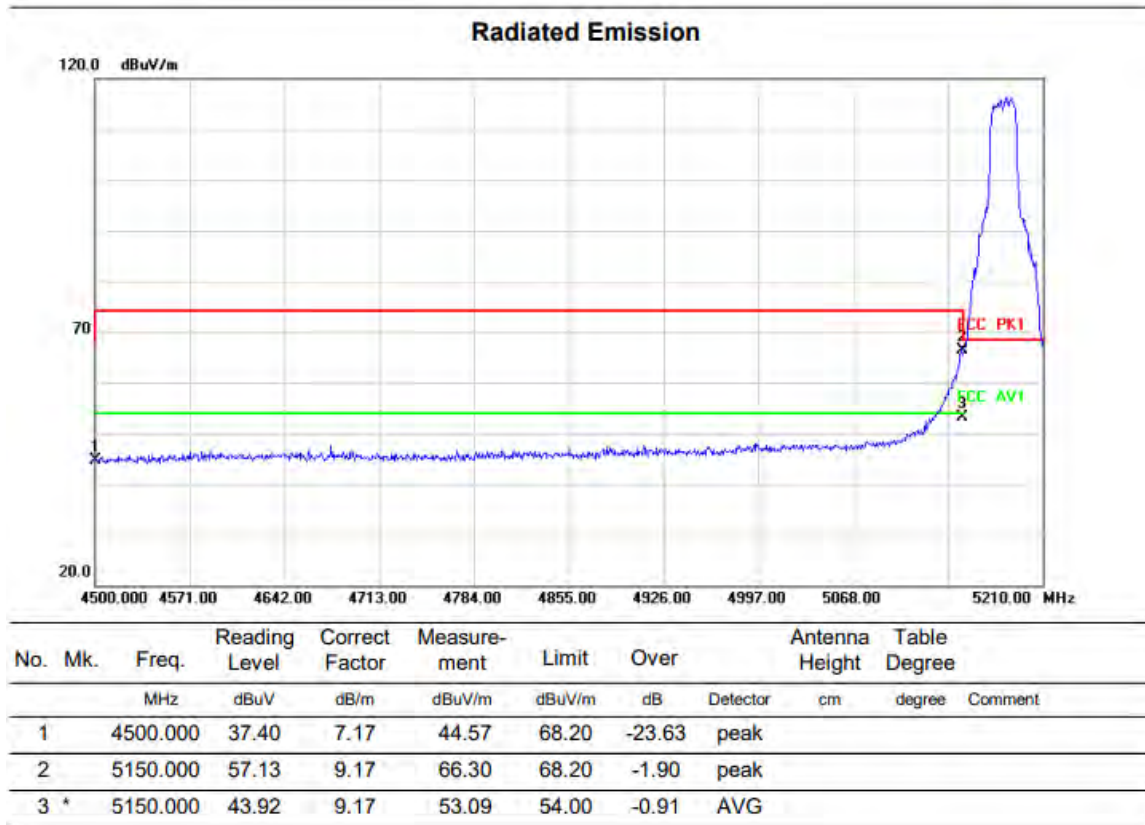
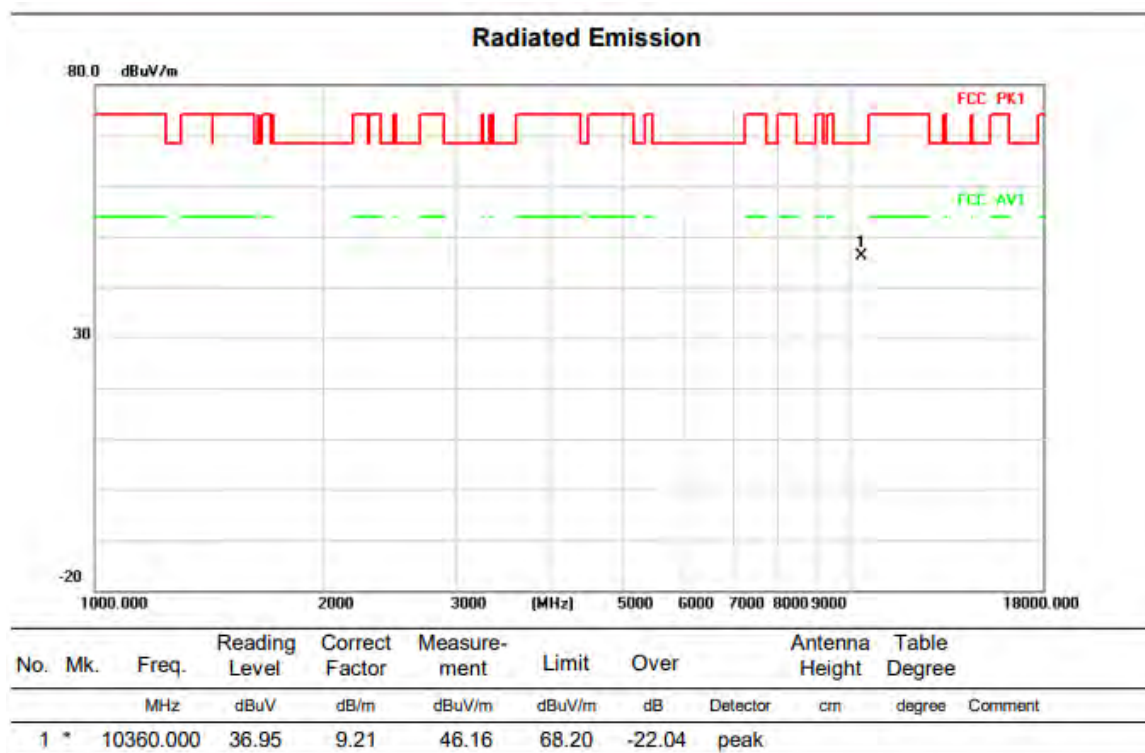
VERTICAL



HORIZONTAL

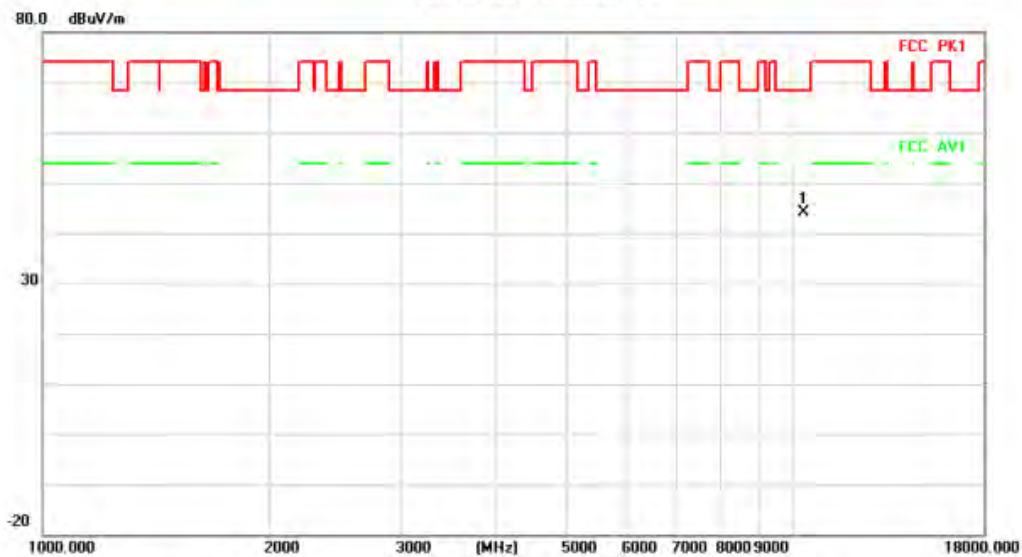


VERTICAL



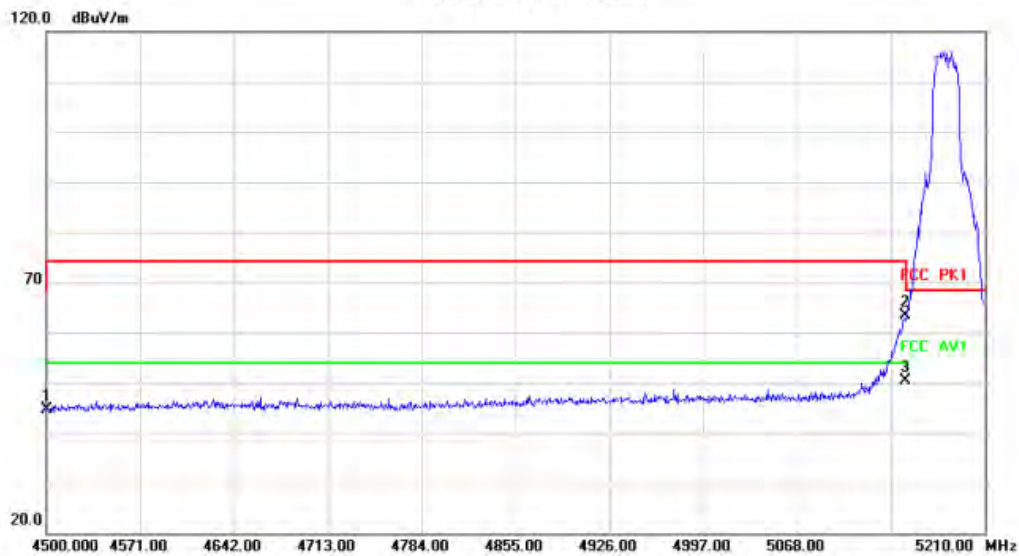
HORIZONTAL

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	*	10360.000	35.01	9.21	44.22	68.20	-23.98	peak		

Radiated Emission



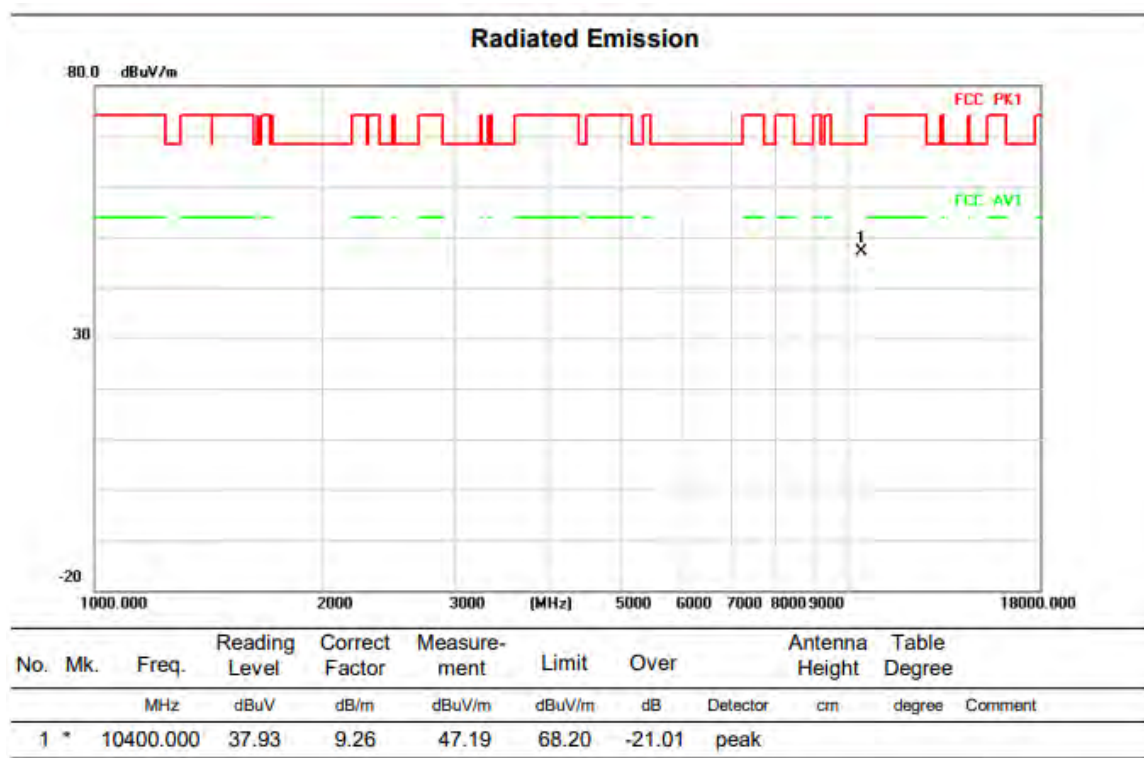
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	37.53	7.17	44.70	68.20	-23.50	peak		
2		5150.000	54.26	9.17	63.43	68.20	-4.77	peak		
3	*	5150.000	41.30	9.17	50.47	54.00	-3.53	AVG		

Above 1G (1GHz~18GHz)

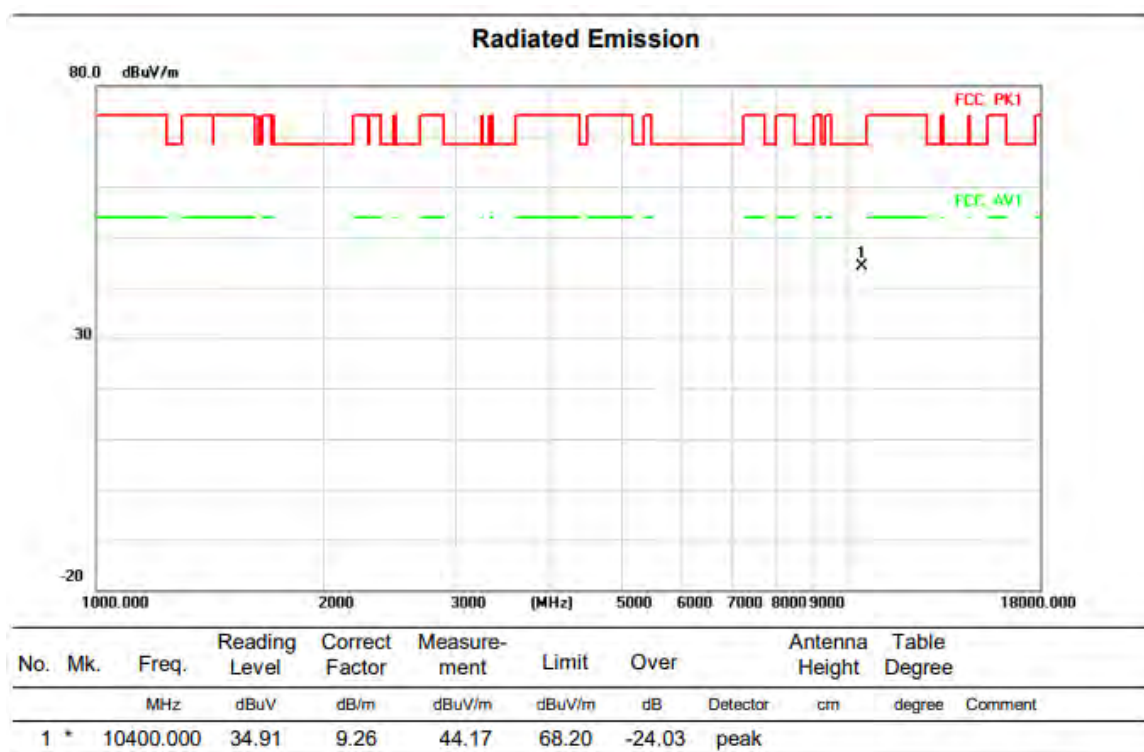
Test mode: 11AC20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

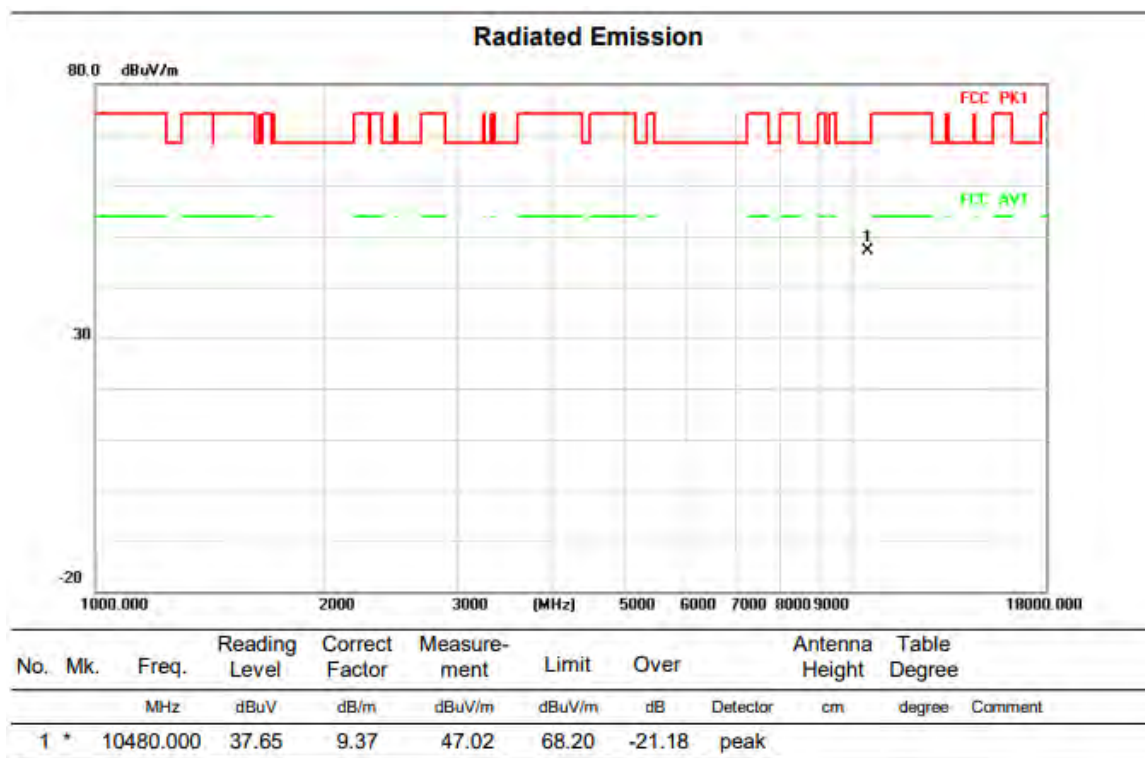


Above 1G (1GHz~18GHz)

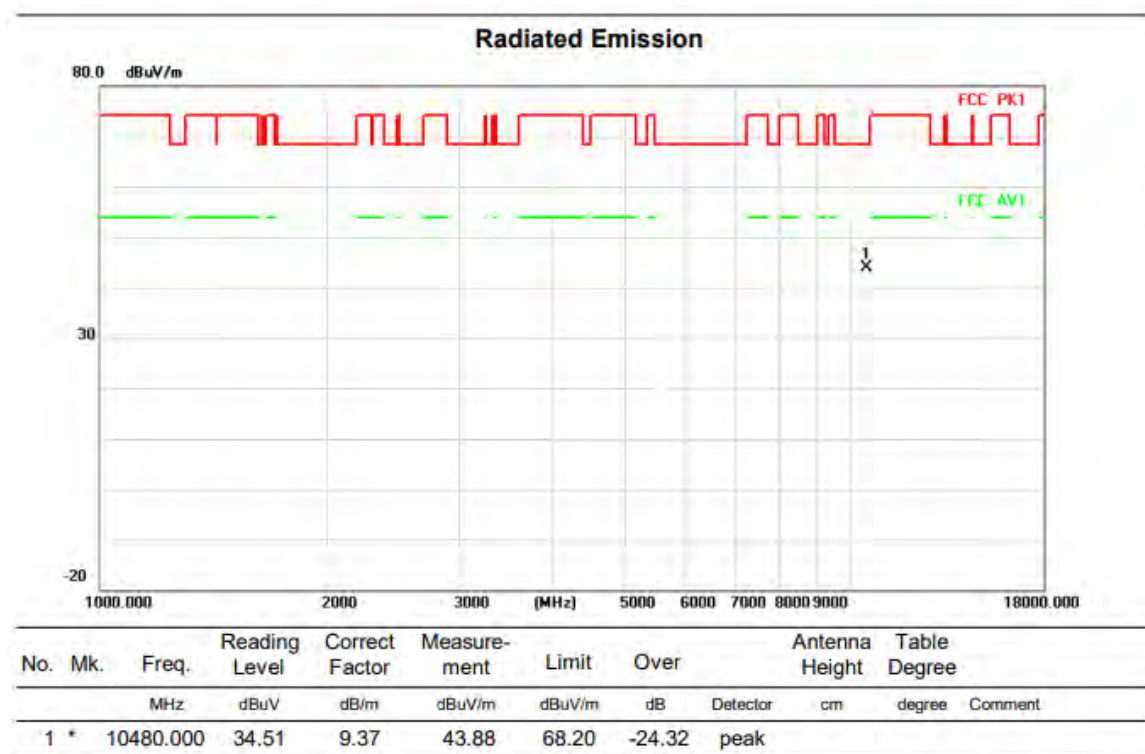
Test mode: 11AC20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

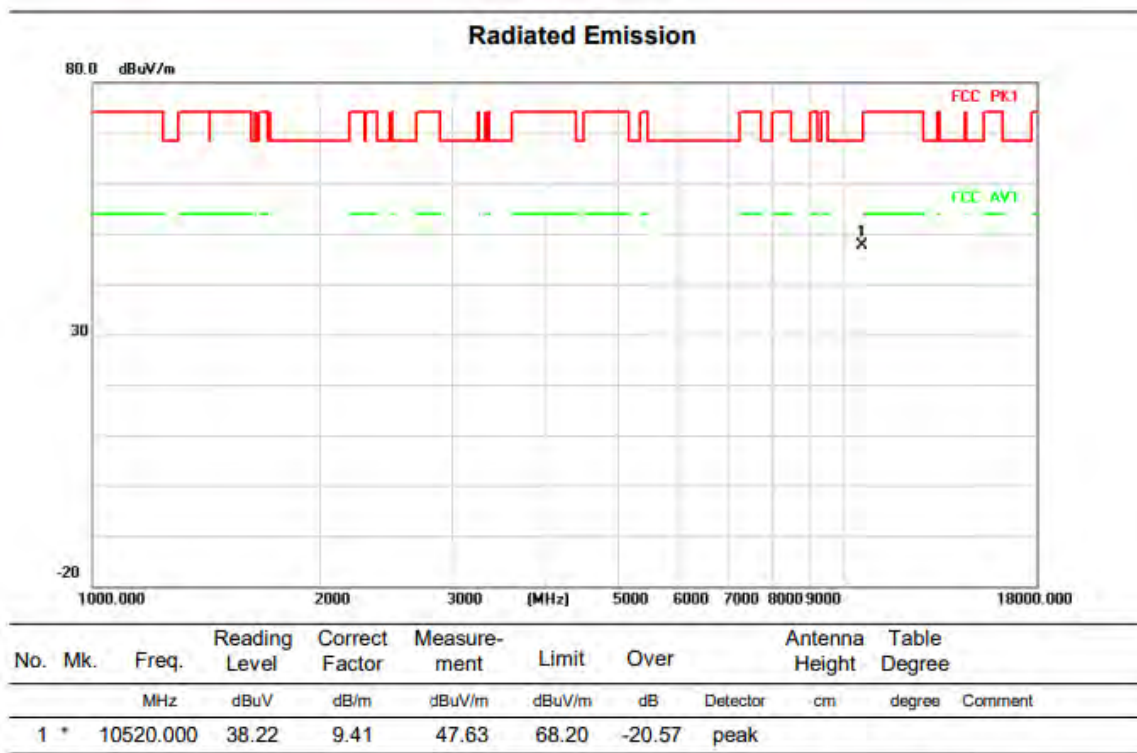


Above 1G (1GHz~18GHz)

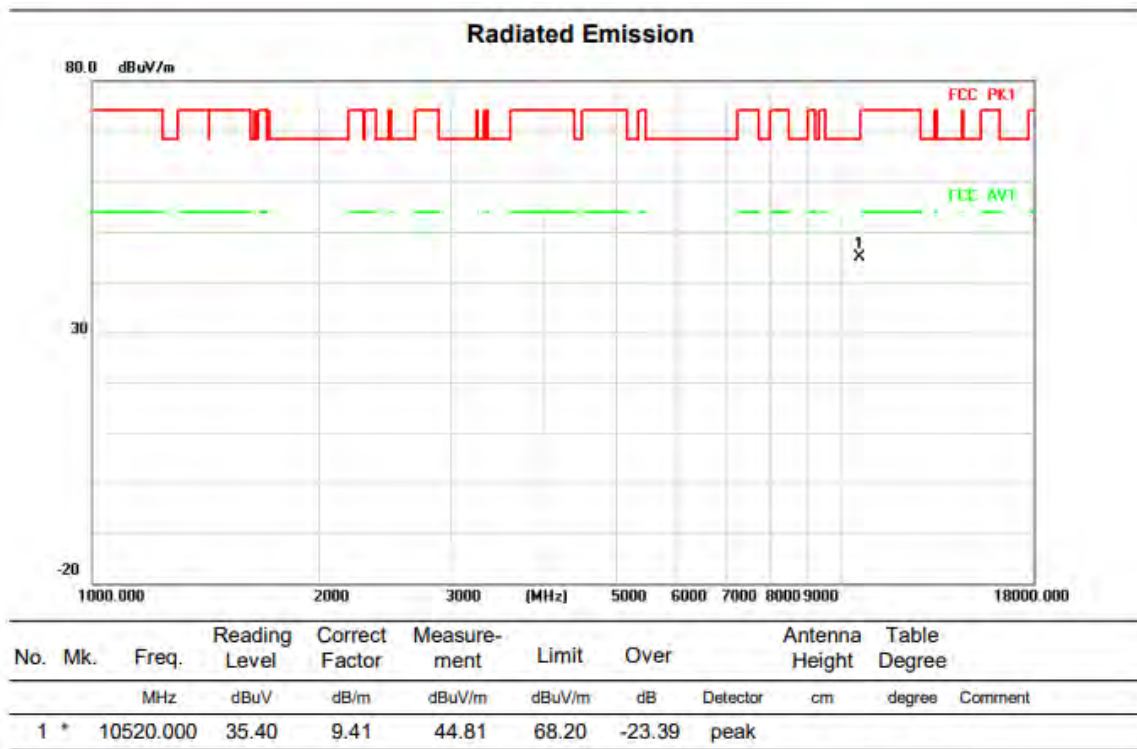
Test mode: 11AC20MIMO

Test Channel:52

VERTICAL



HORIZONTAL

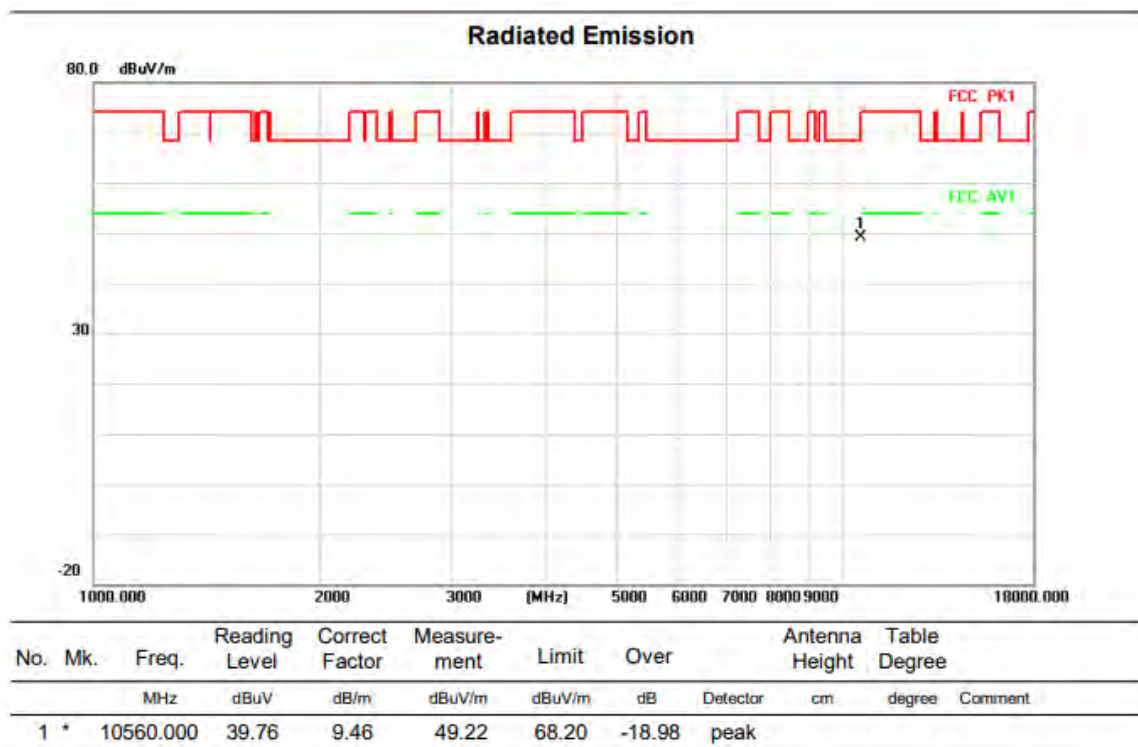


Above 1G (1GHz~18GHz)

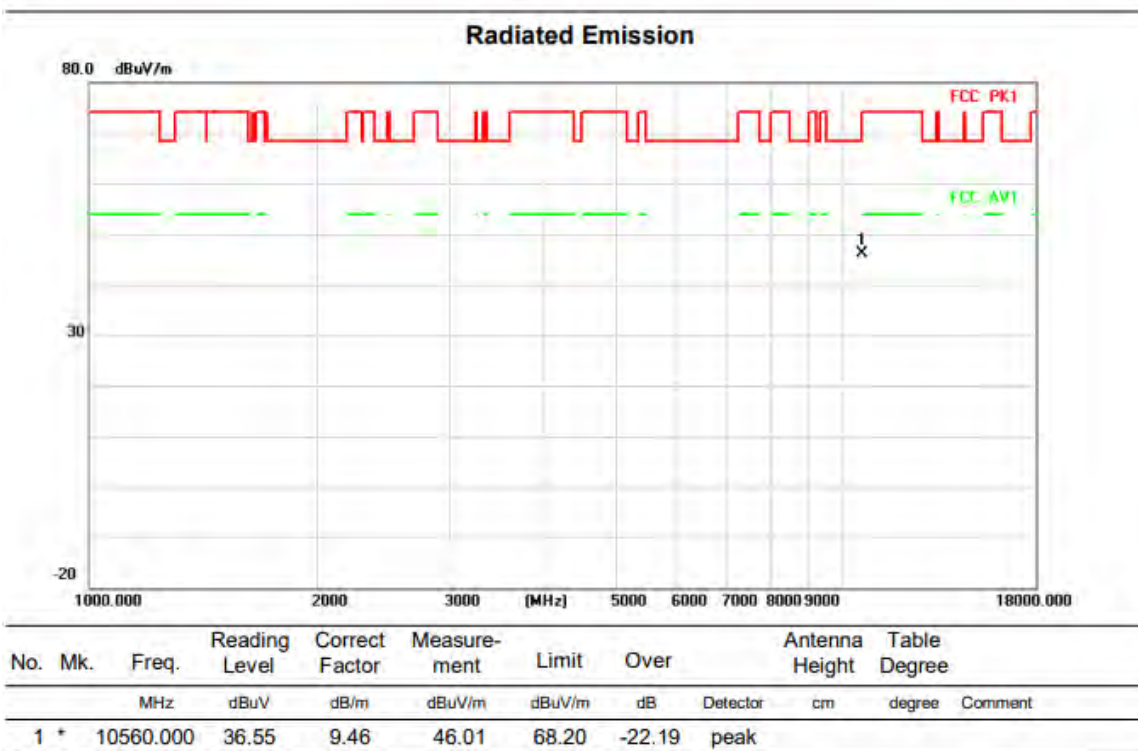
Test mode: 11AC20MIMO

Test Channel:56

VERTICAL



HORIZONTAL

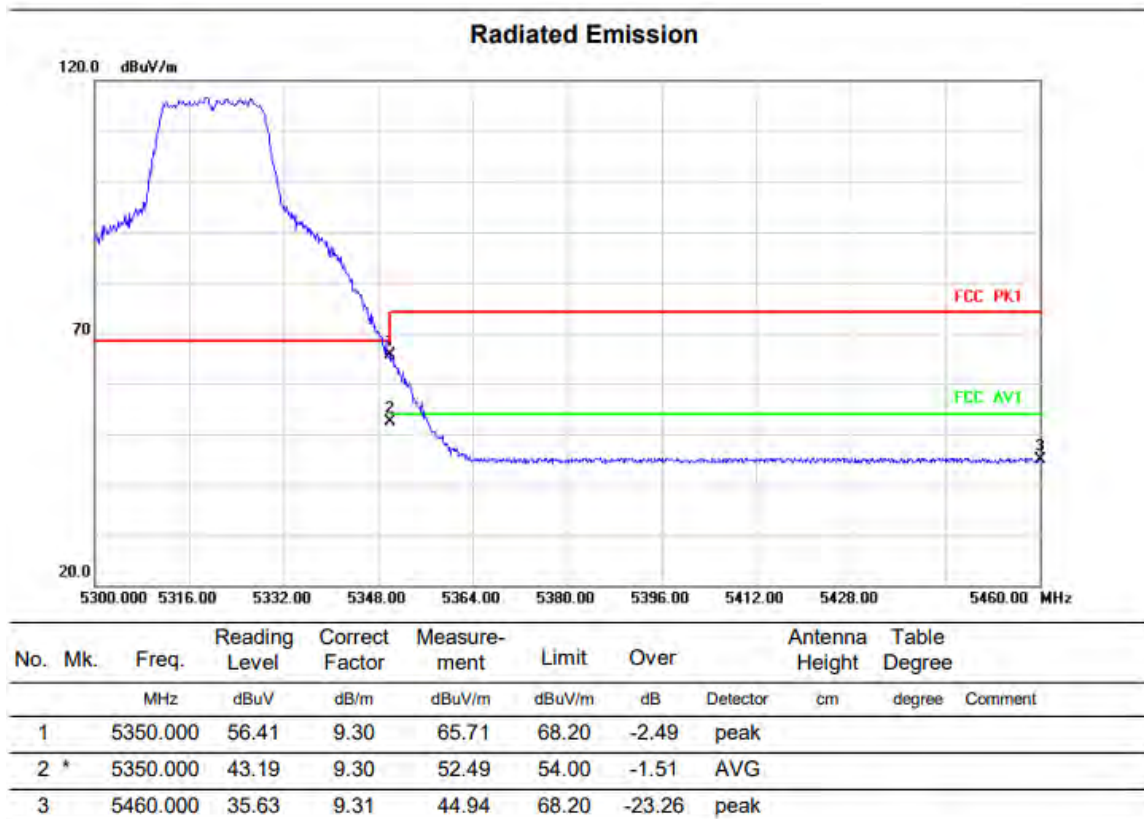
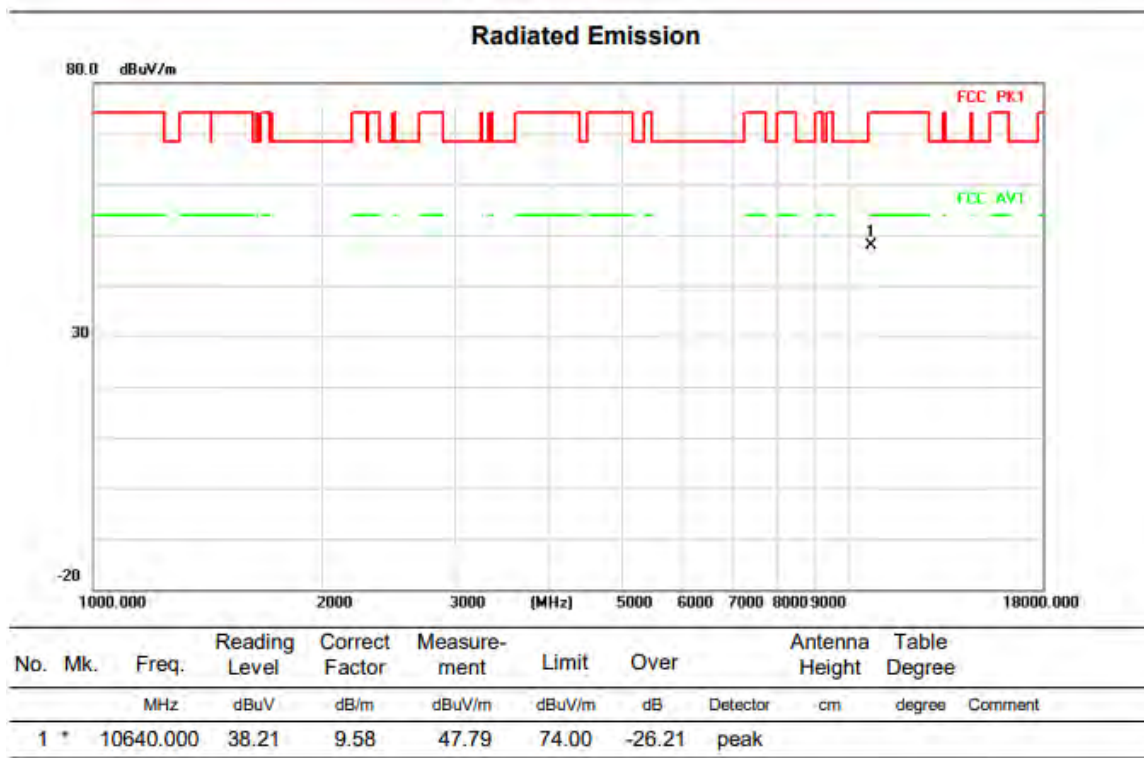


Above 1G (1GHz~18GHz)

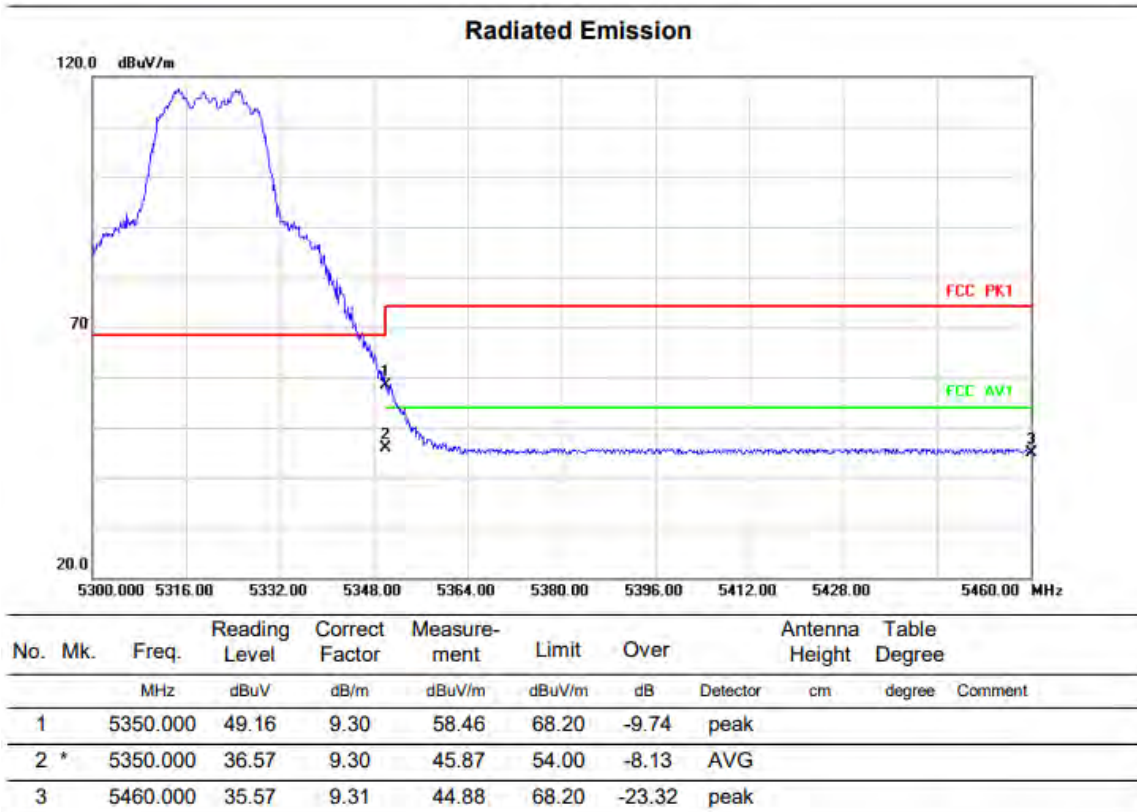
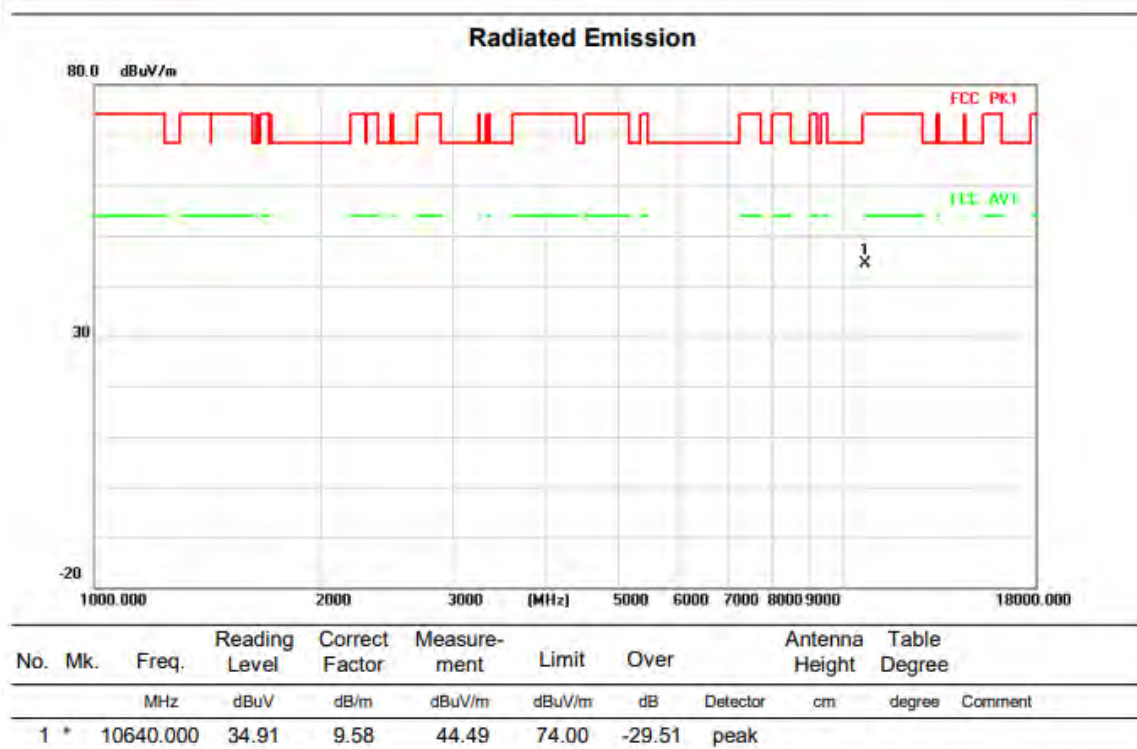
Test mode: 11AC20MIMO

Test Channel:64

VERTICAL



HORIZONTAL

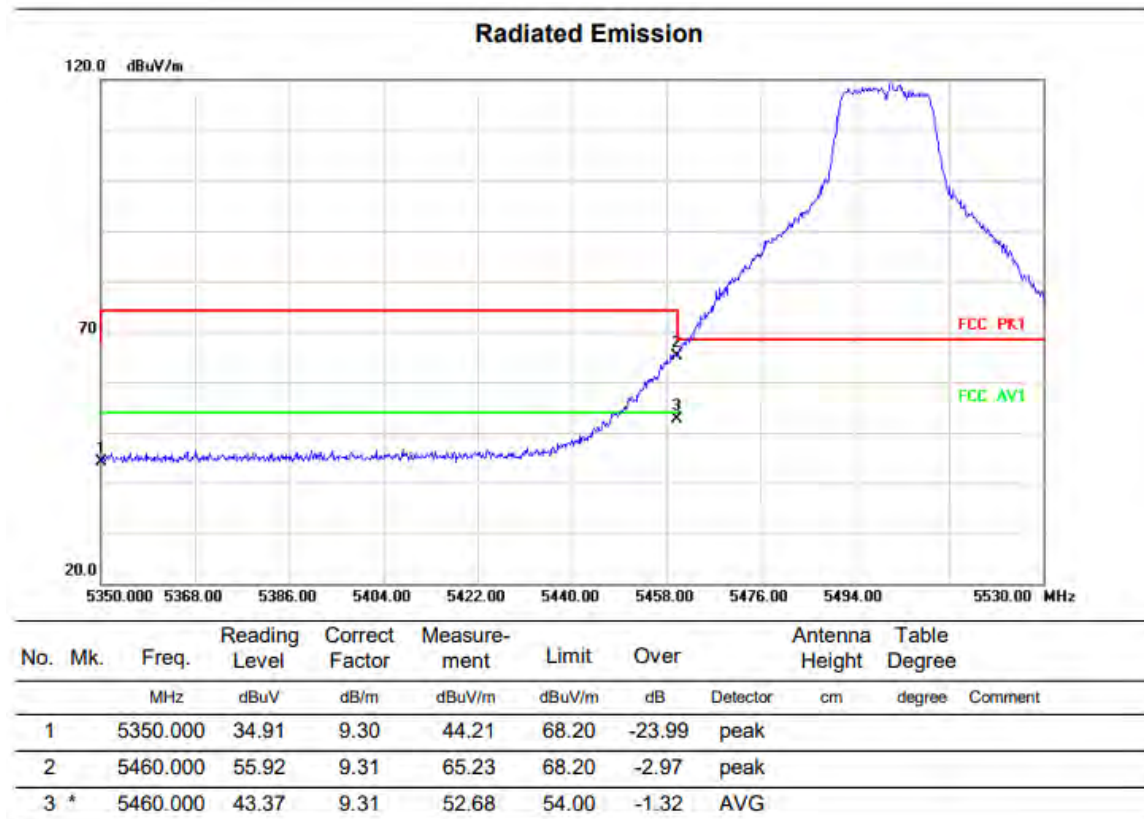
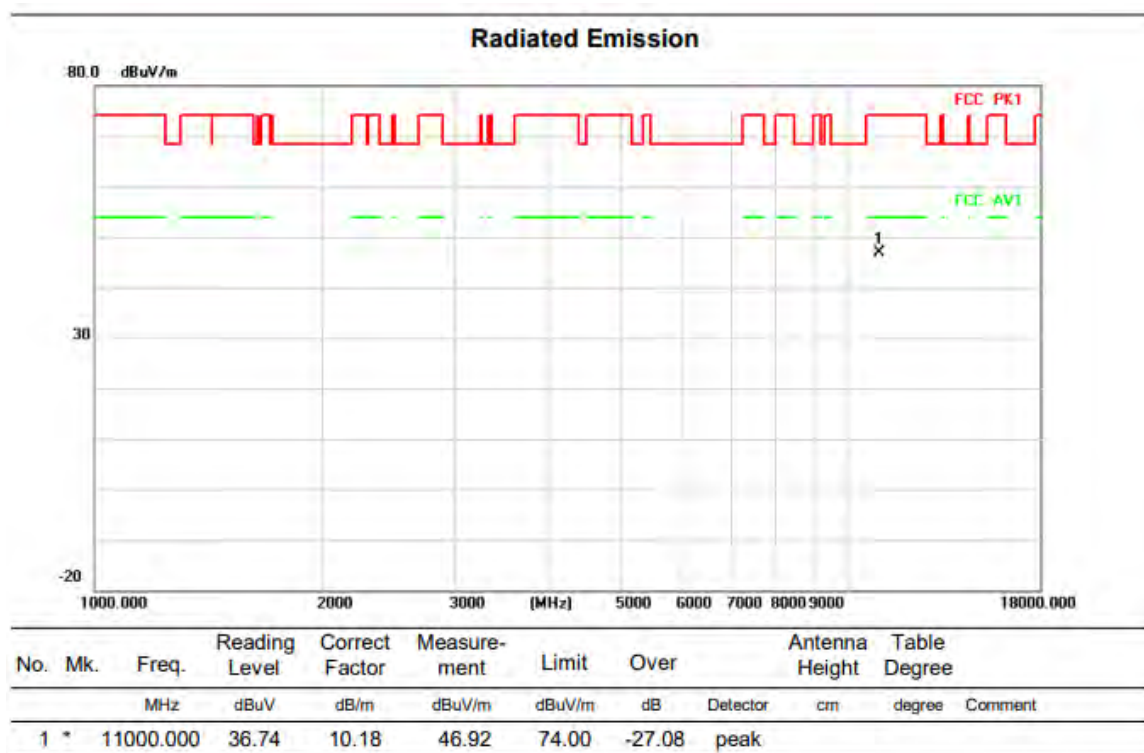


Above 1G (1GHz~18GHz)

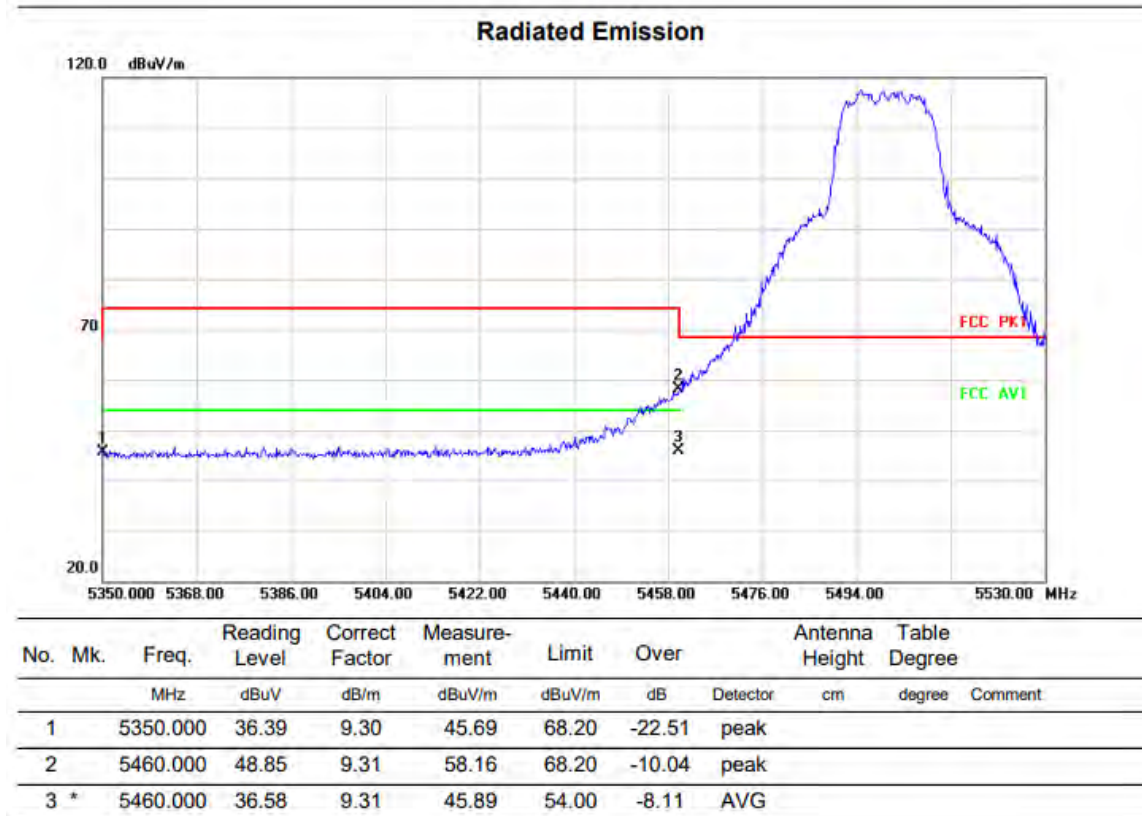
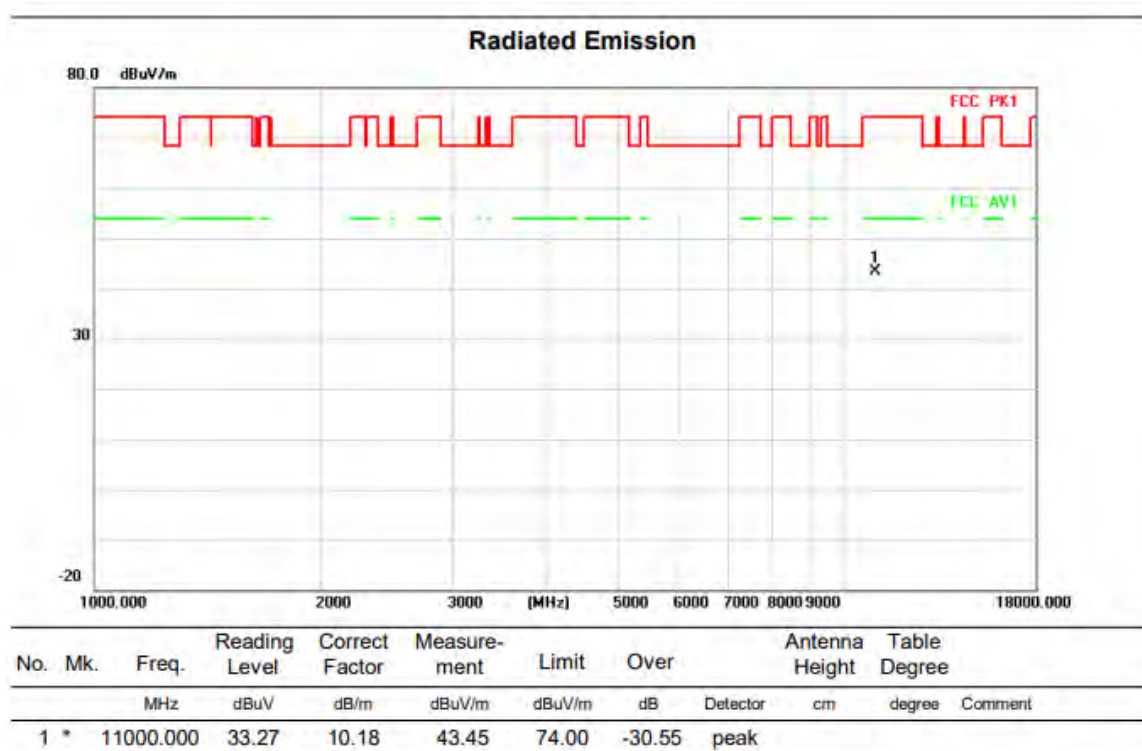
Test mode: 11AC20MIMO

Test Channel:100

VERTICAL



HORIZONTAL

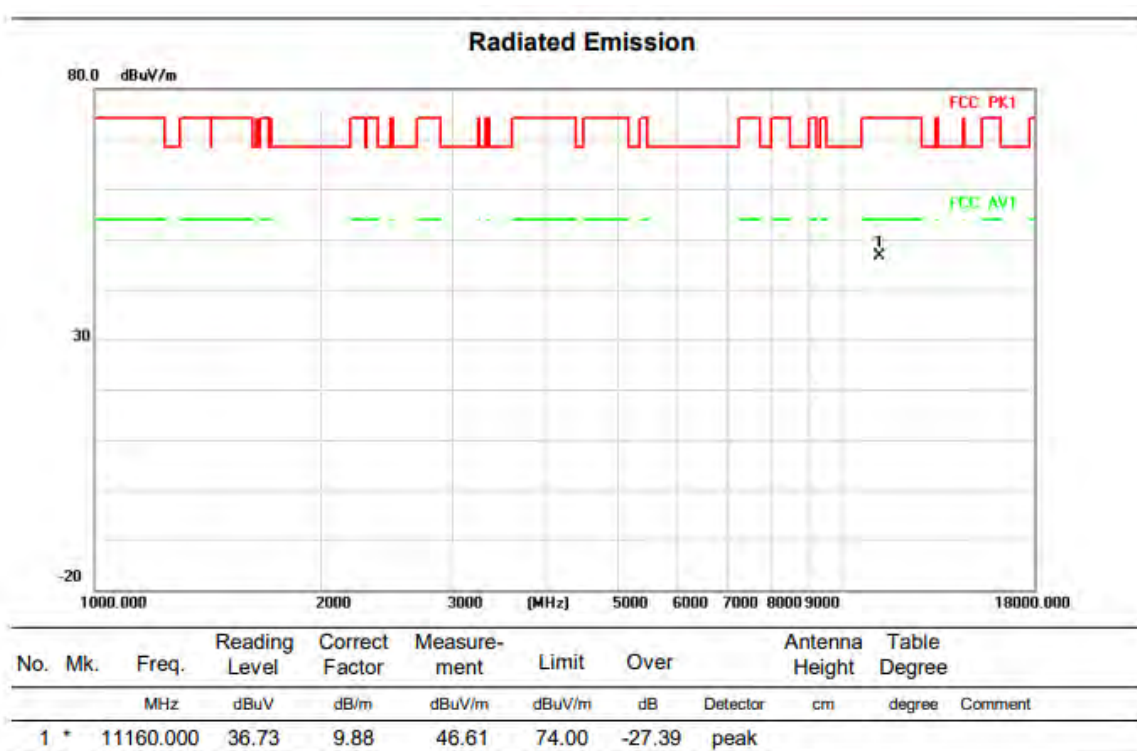


Above 1G (1GHz~18GHz)

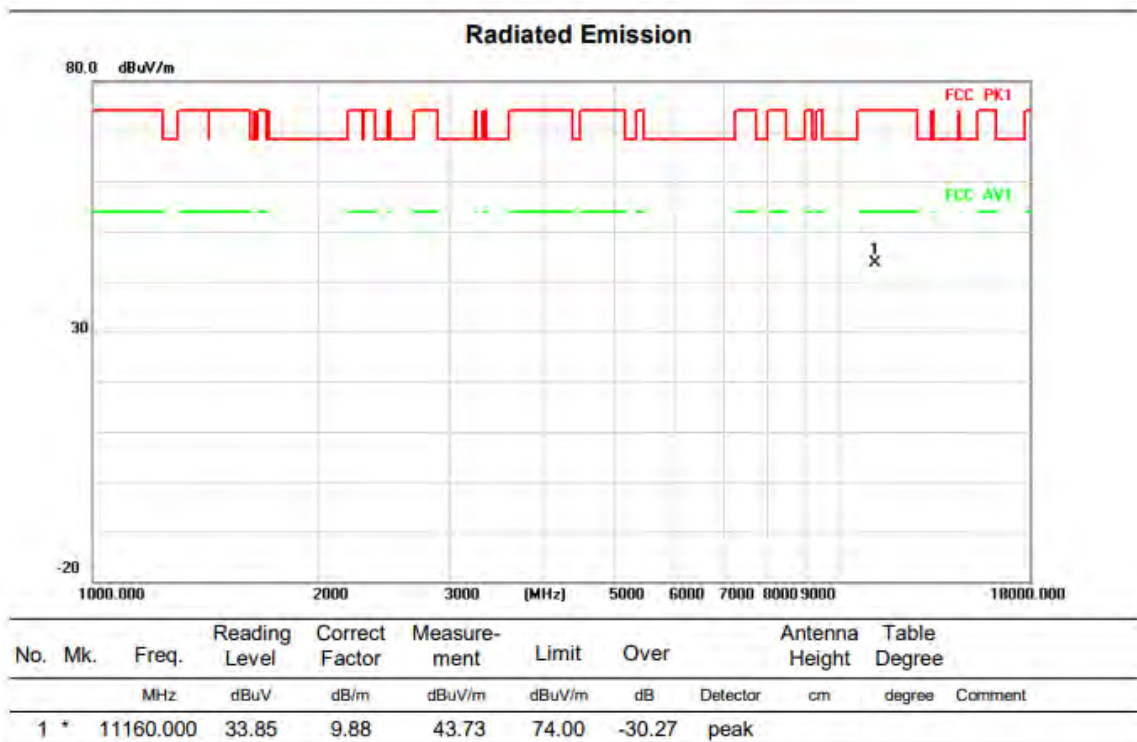
Test mode: 11AC20MIMO

Test Channel:116

VERTICAL



HORIZONTAL

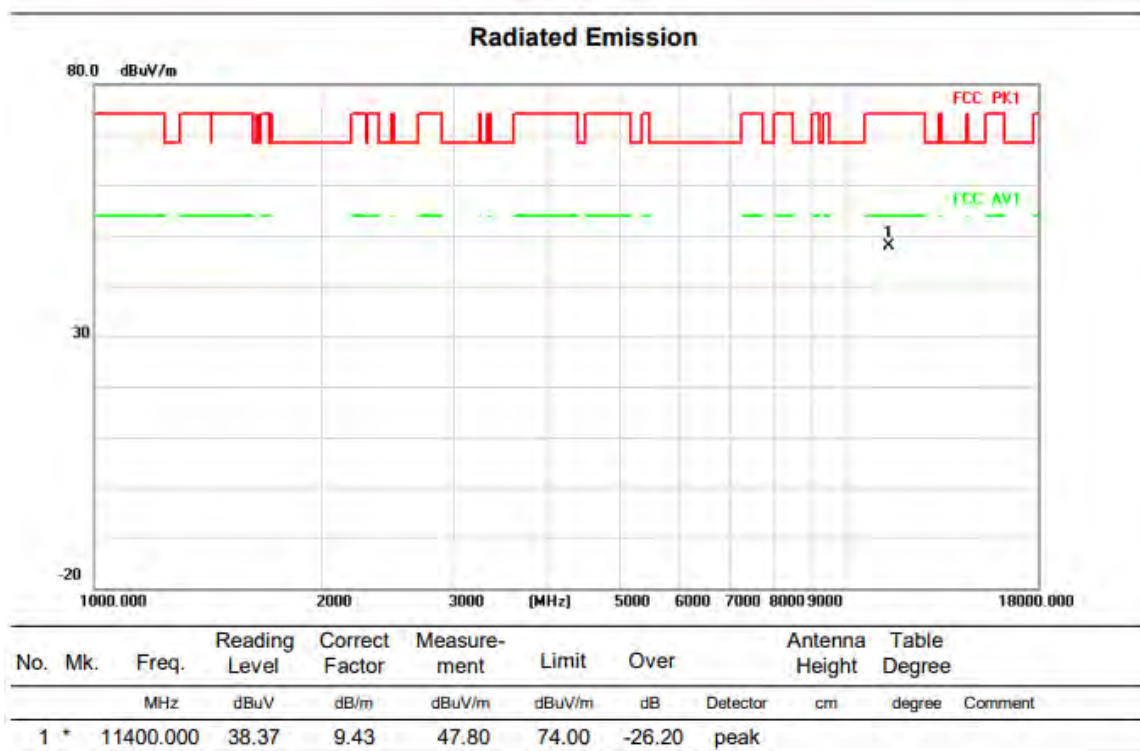


Above 1G (1GHz~18GHz)

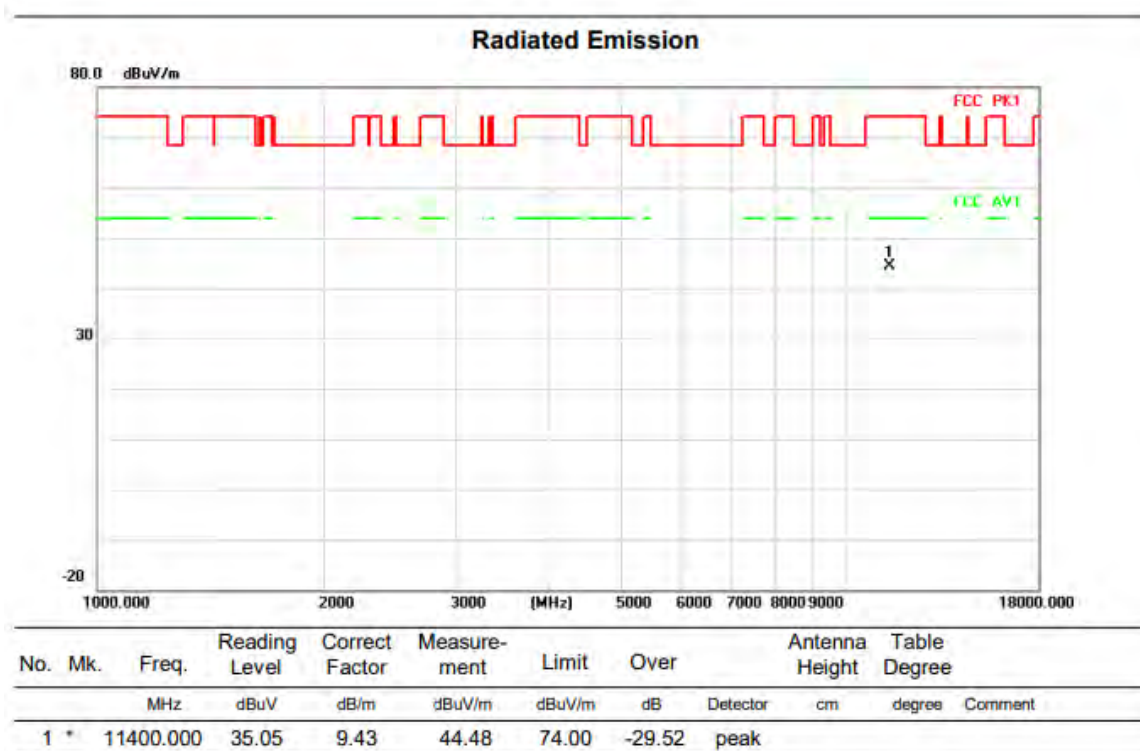
Test mode: 11AC20MIMO

Test Channel:140

VERTICAL



HORIZONTAL

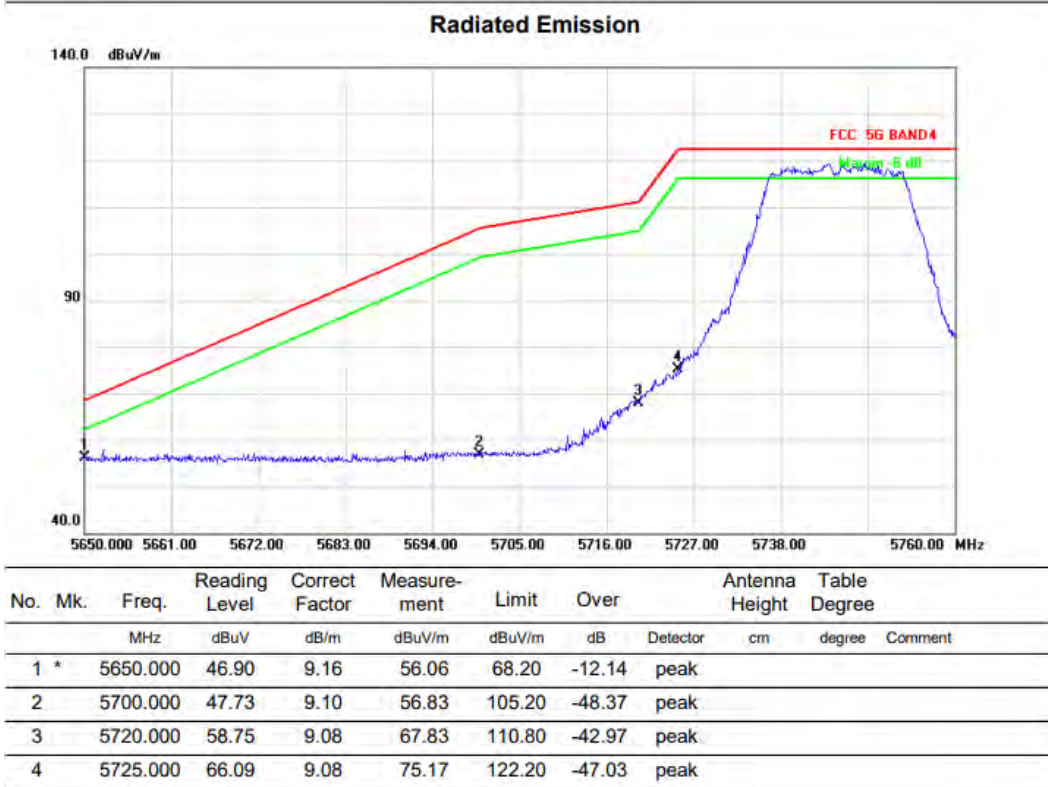
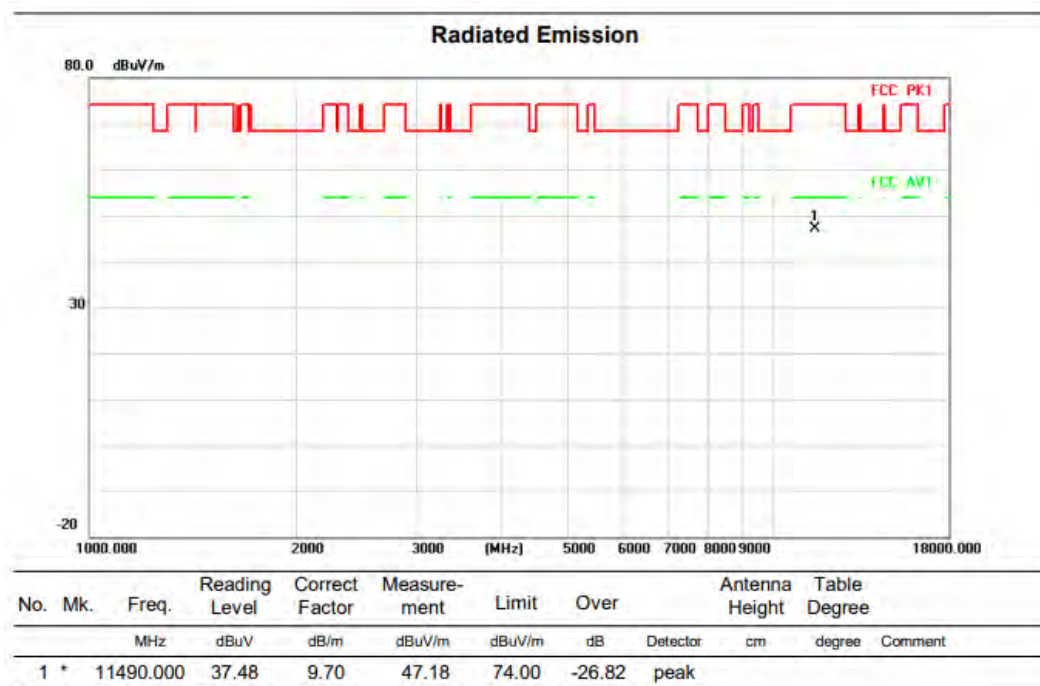


Above 1G (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:149

VERTICAL



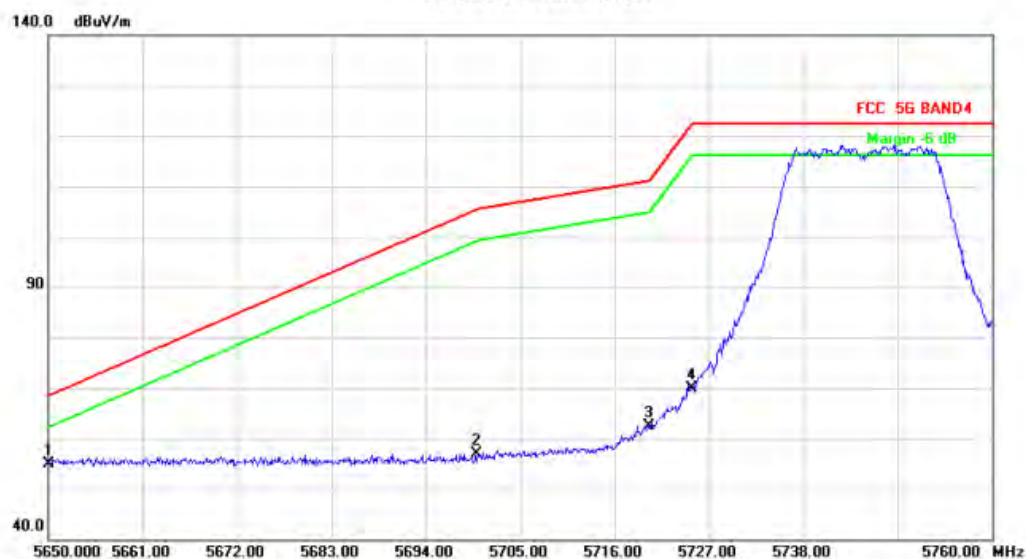
HORIZONTAL

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	35.62	9.70	45.32	74.00	-28.68	peak	

Radiated Emission



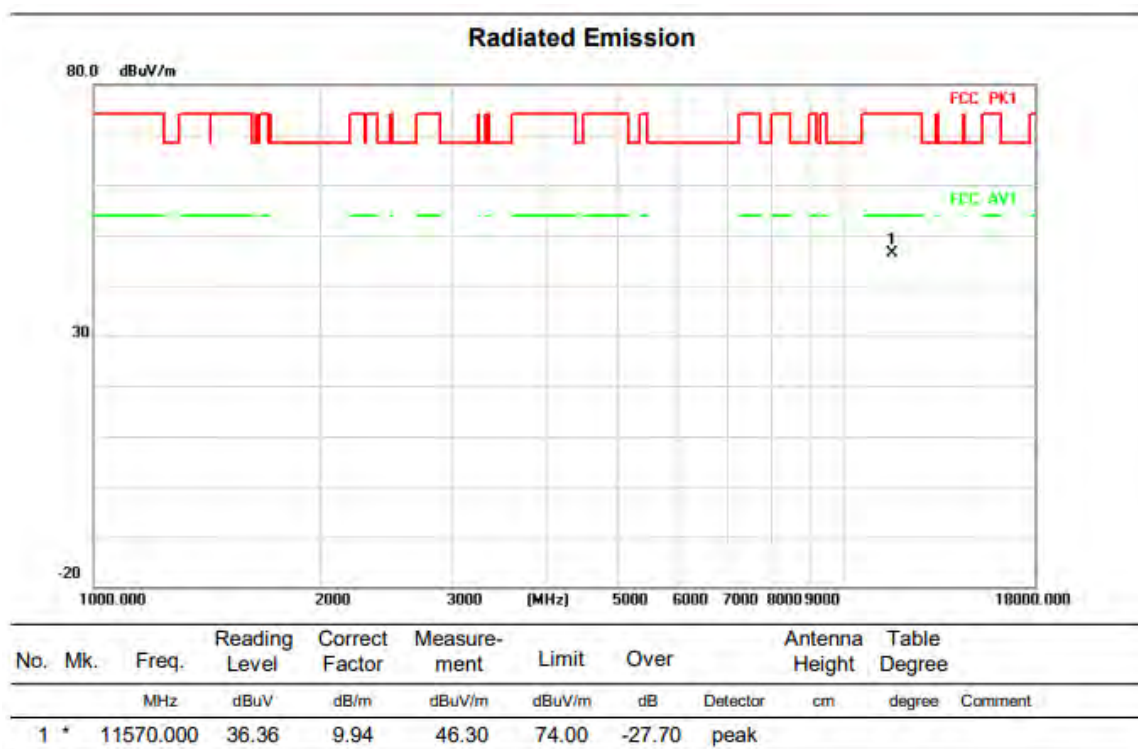
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	45.65	9.16	54.81	68.20	-13.39	peak	
2		5700.000	47.66	9.10	56.76	105.20	-48.44	peak	
3		5720.000	53.21	9.08	62.29	110.80	-48.51	peak	
4		5725.000	60.79	9.08	69.87	122.20	-52.33	peak	

Above 1G (1GHz~18GHz)

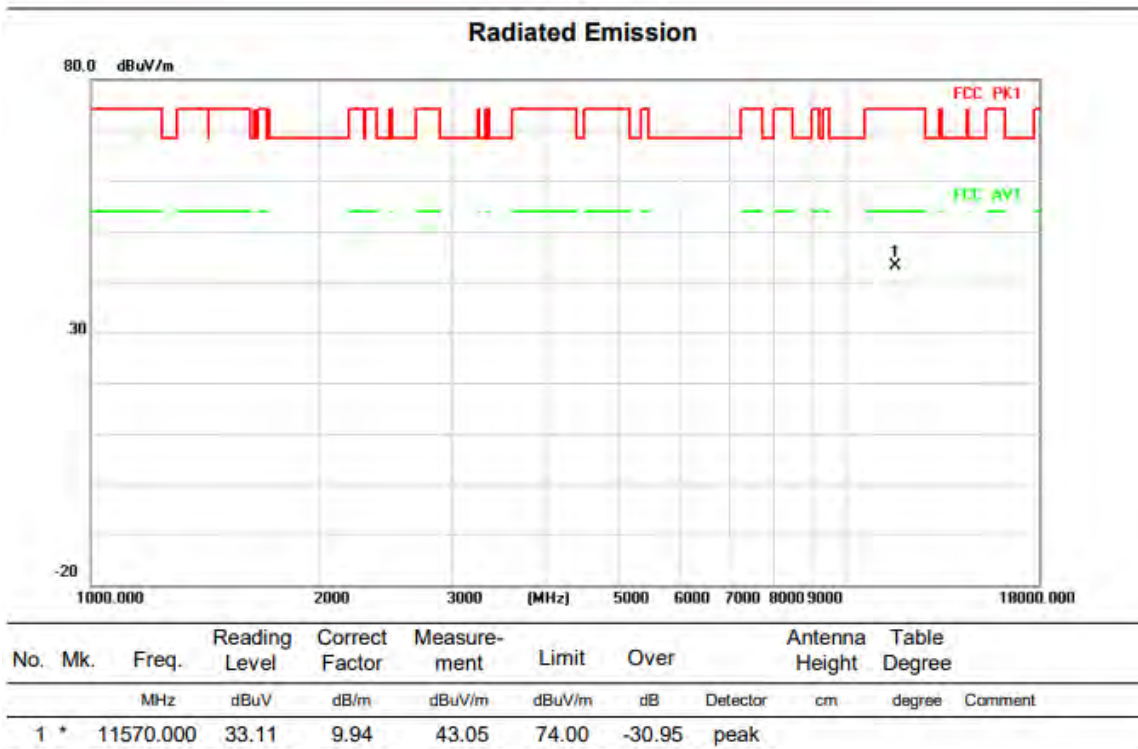
Test mode: 11AC20MIMO

Test Channel:157

VERTICAL



HORIZONTAL

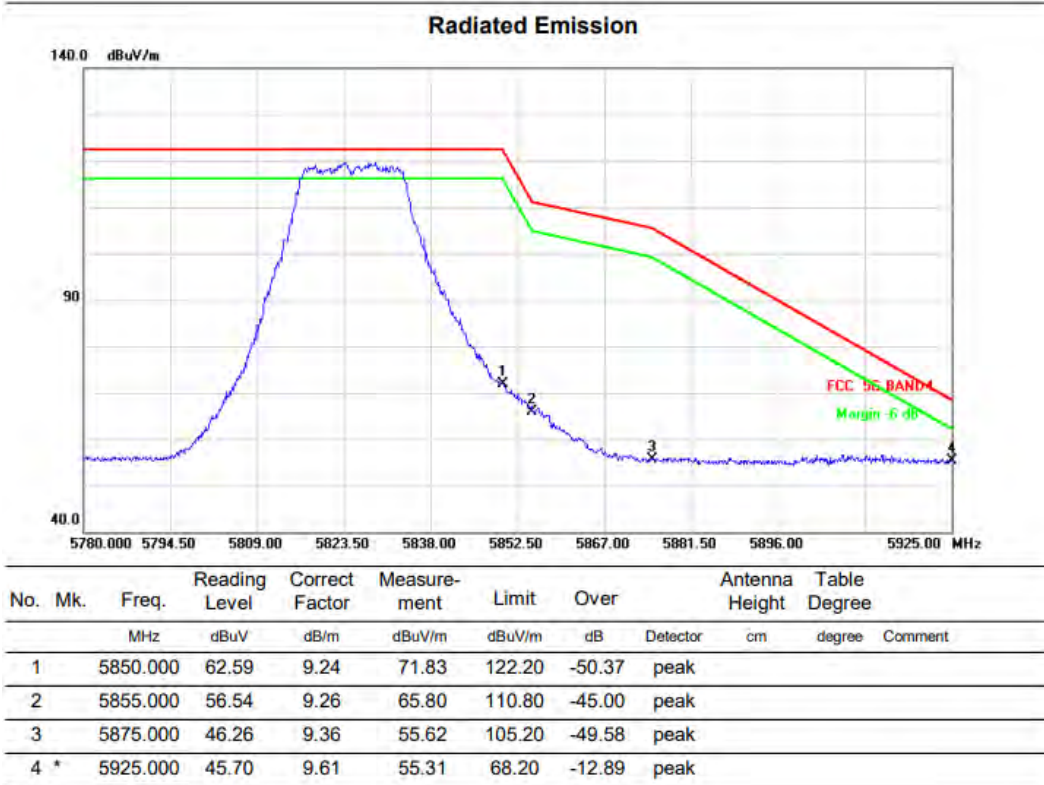
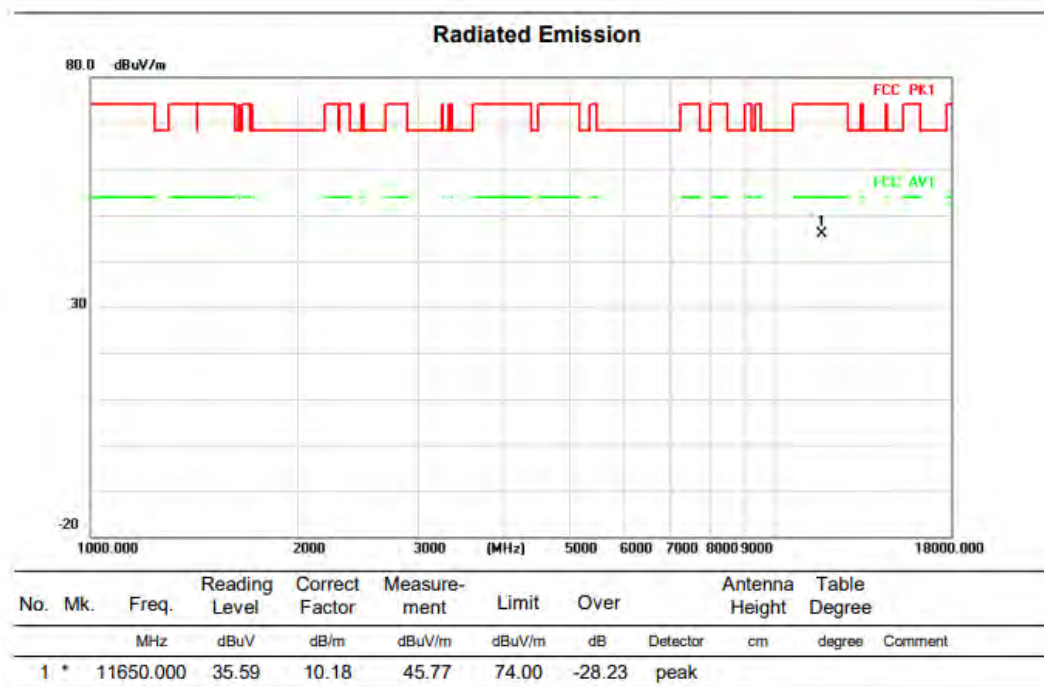


Above 1G (1GHz~18GHz)

Test mode: 11AC20MIMO

Test Channel:165

VERTICAL



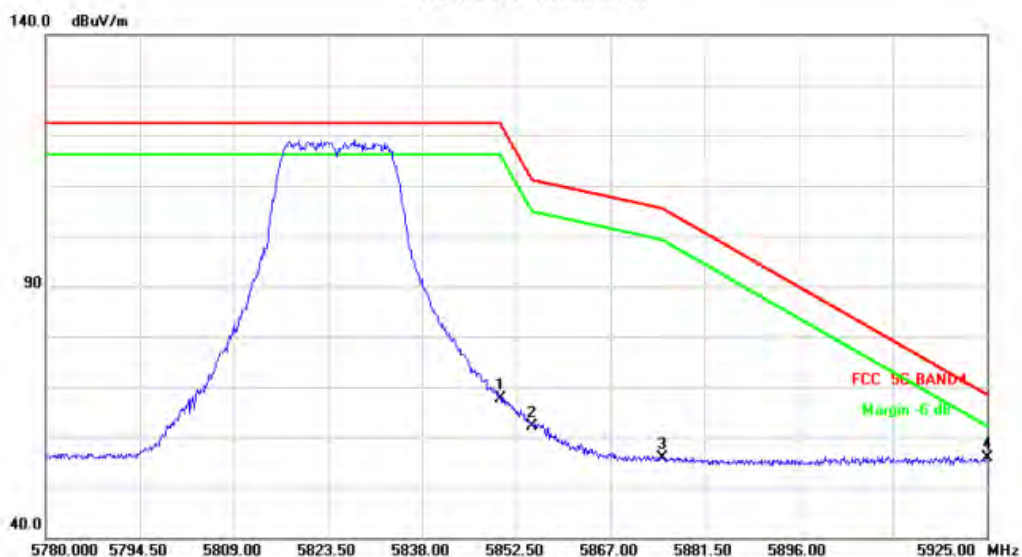
HORIZONTAL

Radiated Emission



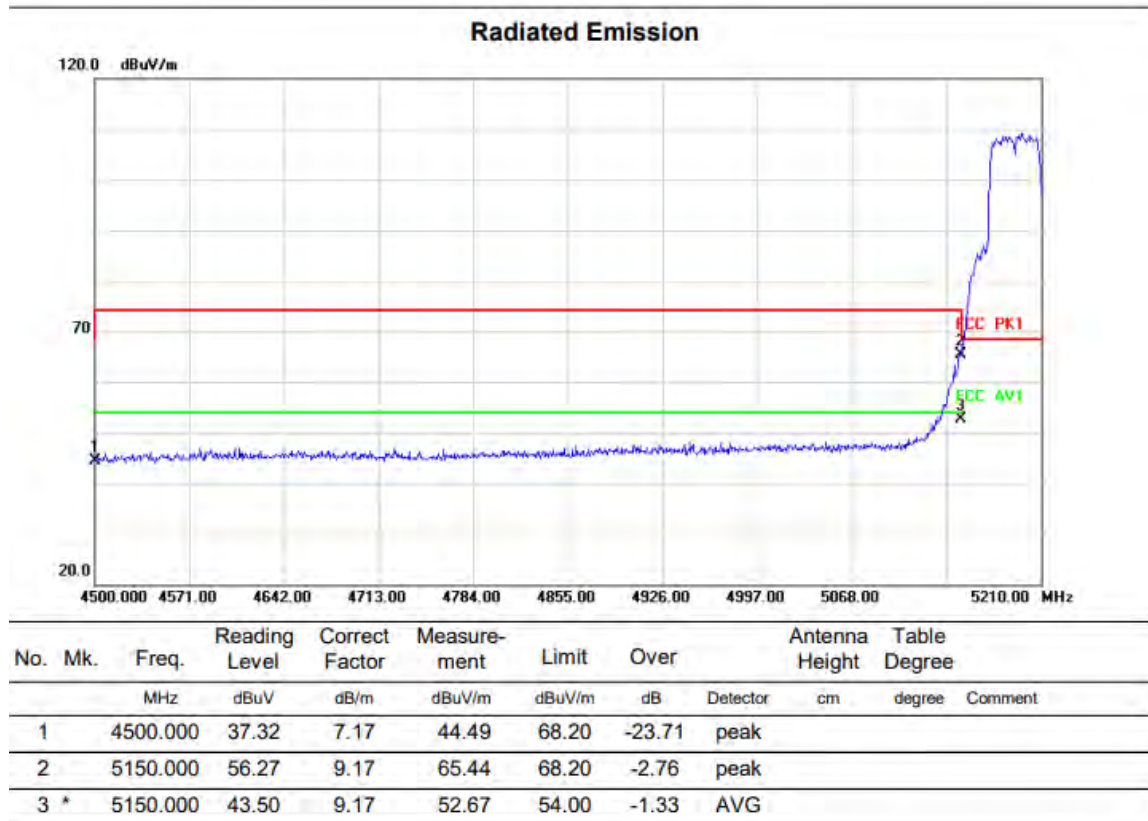
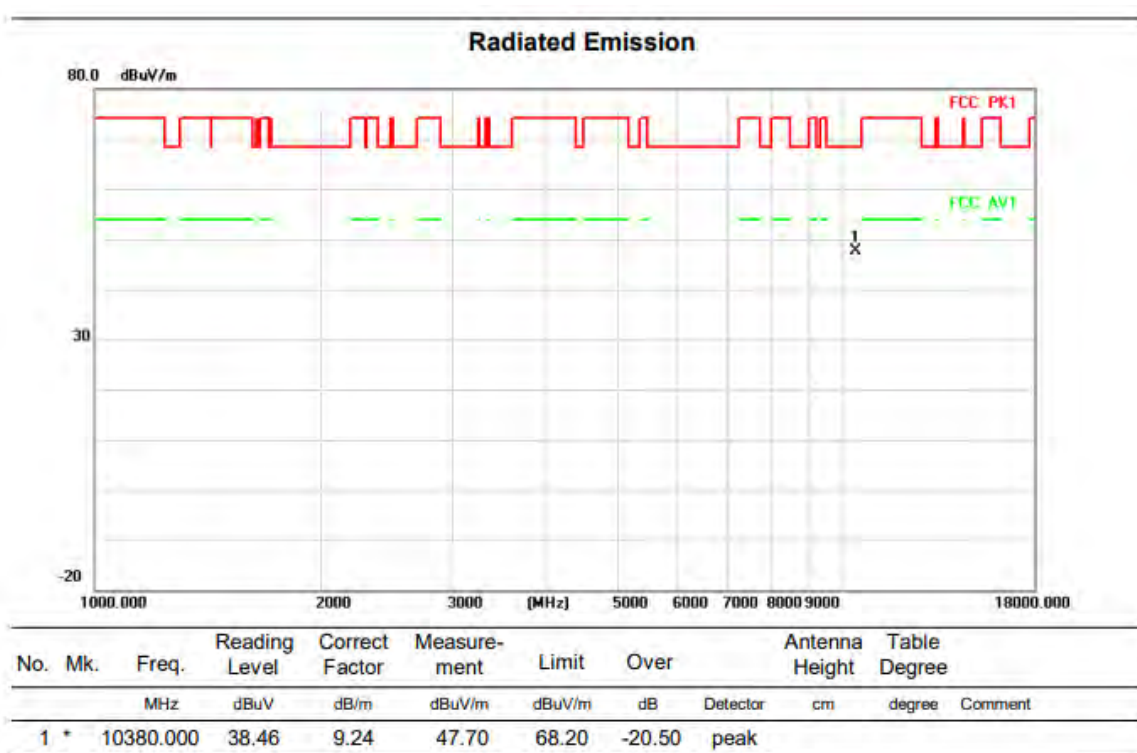
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11650.000	32.96	10.18	43.14	74.00	-30.86	peak		

Radiated Emission



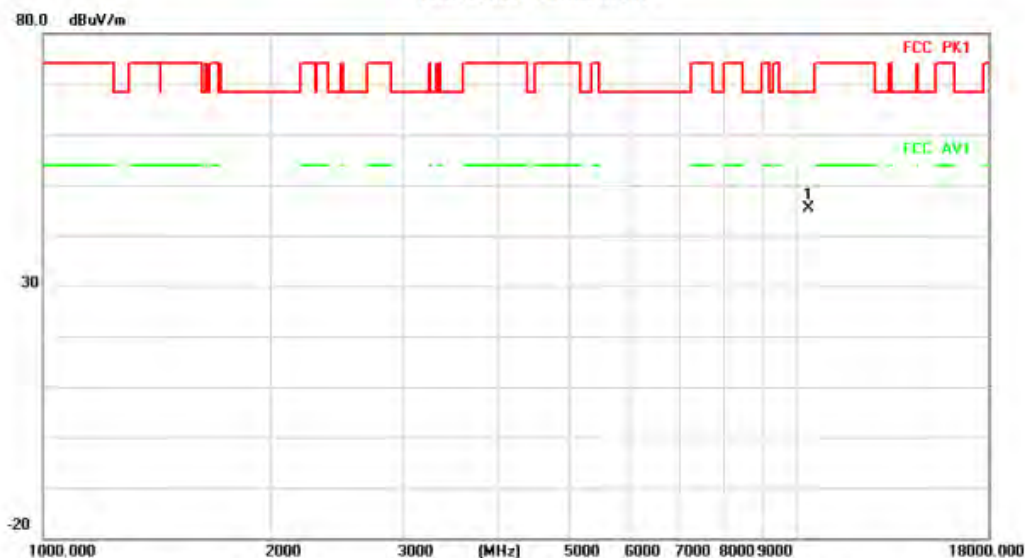
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	58.27	9.24	67.51	122.20	-54.69	peak		
2		5855.000	52.85	9.26	62.11	110.80	-48.69	peak		
3		5875.000	46.56	9.36	55.92	105.20	-49.28	peak		
4	*	5925.000	46.17	9.61	55.78	68.20	-12.42	peak		

VERTICAL



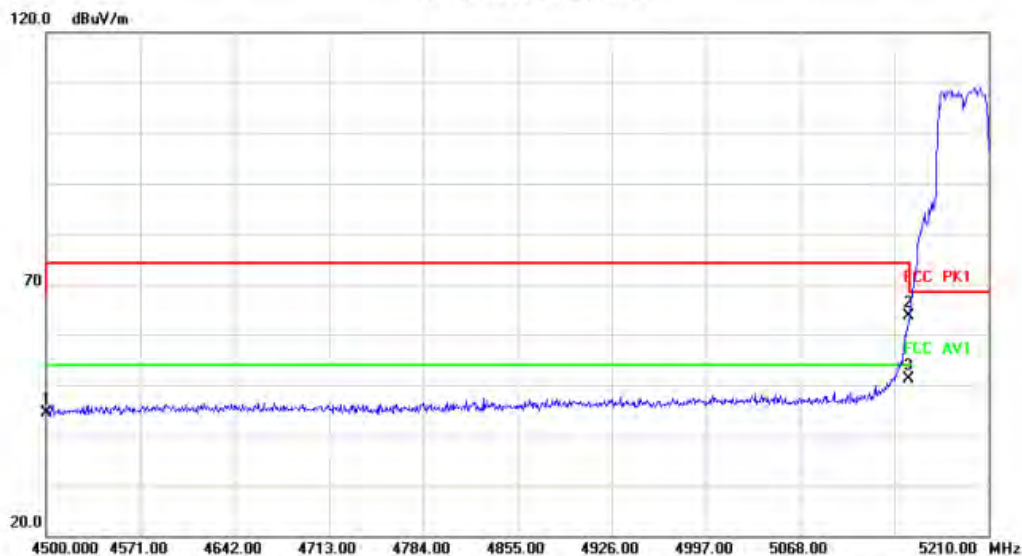
HORIZONTAL

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	Detector	cm	degree
1	*	10380.000	36.22	9.24	45.46	68.20	-22.74	peak		

Radiated Emission



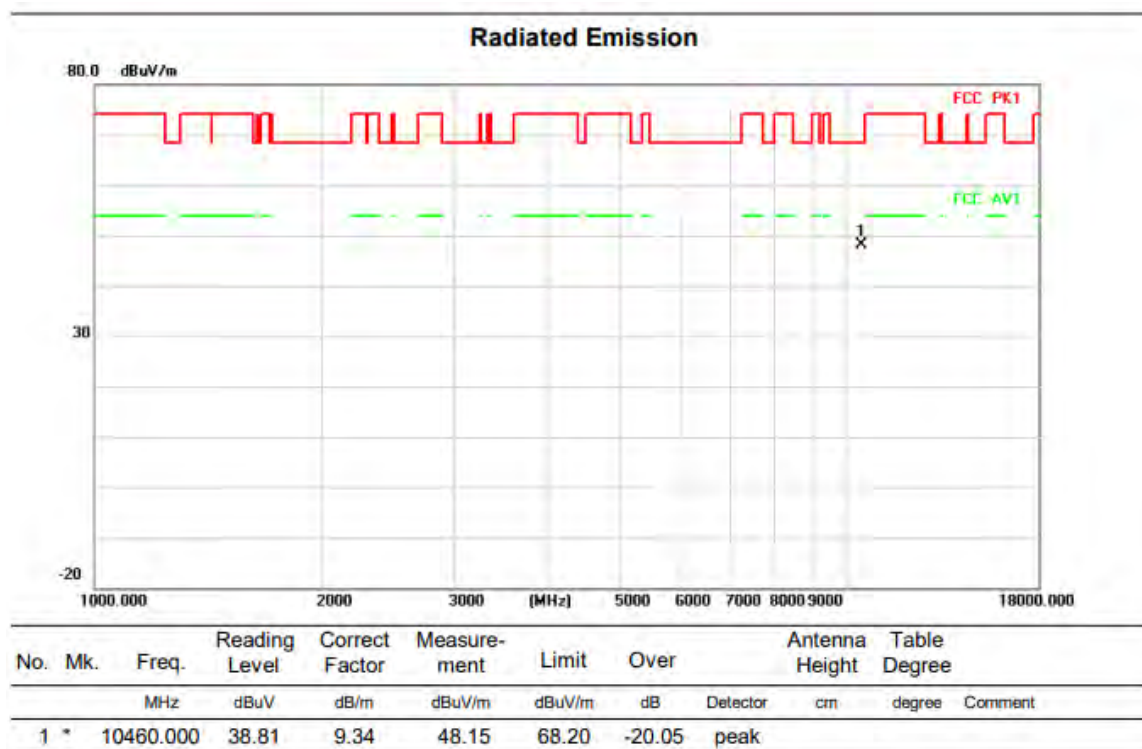
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4500.000	37.32	7.17	44.49	68.20	-23.71	peak		
2		5150.000	54.57	9.17	63.74	68.20	-4.46	peak		
3	*	5150.000	41.91	9.17	51.08	54.00	-2.92	AVG		

Above 1G (1GHz~18GHz)

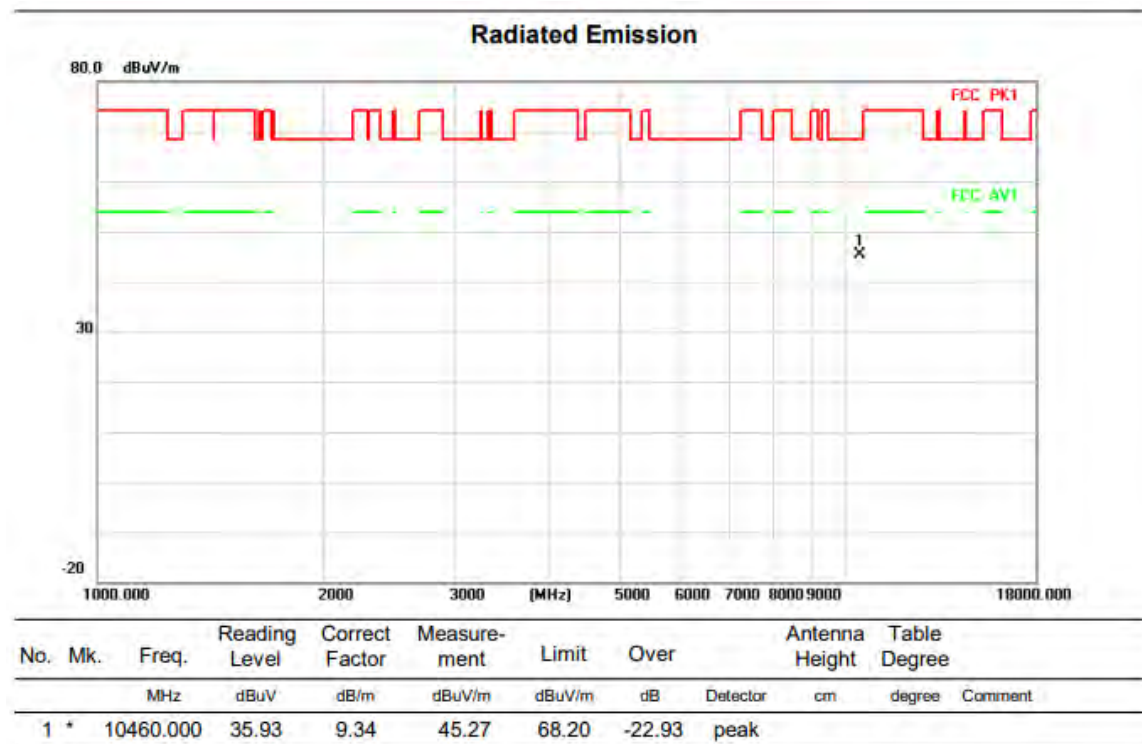
Test mode: 11AC40MIMO

Test Channel:46

VERTICAL



HORIZONTAL

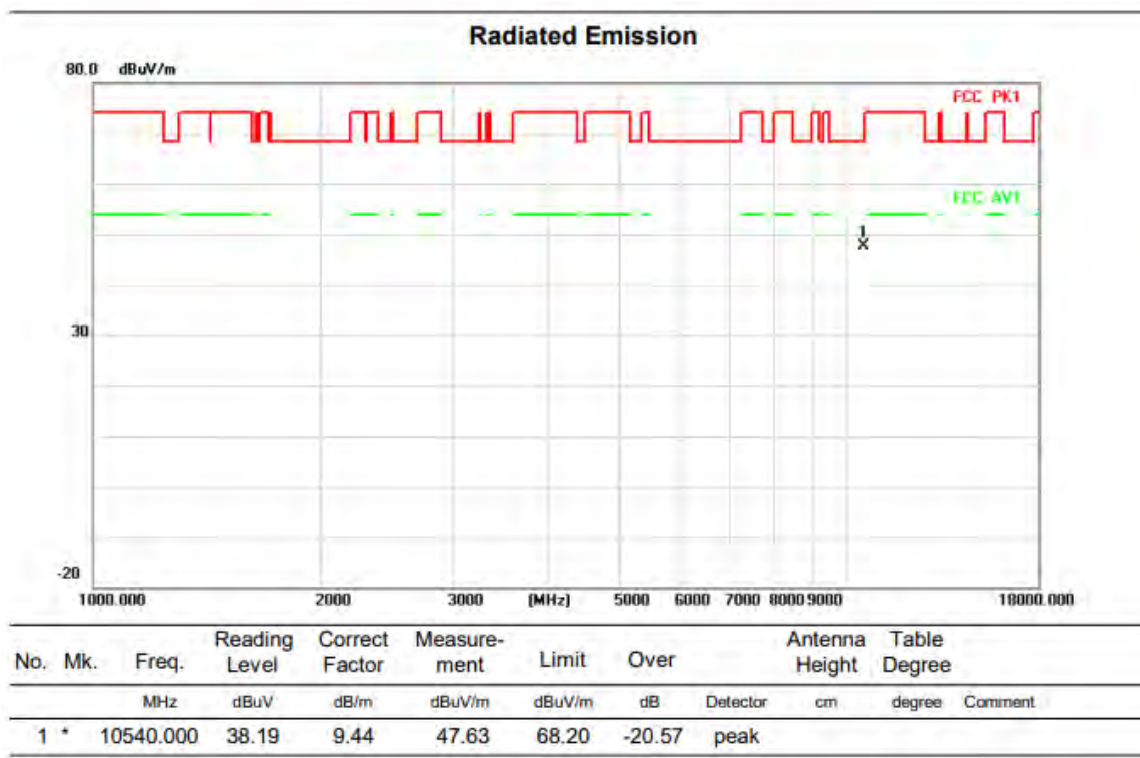


Above 1G (1GHz~18GHz)

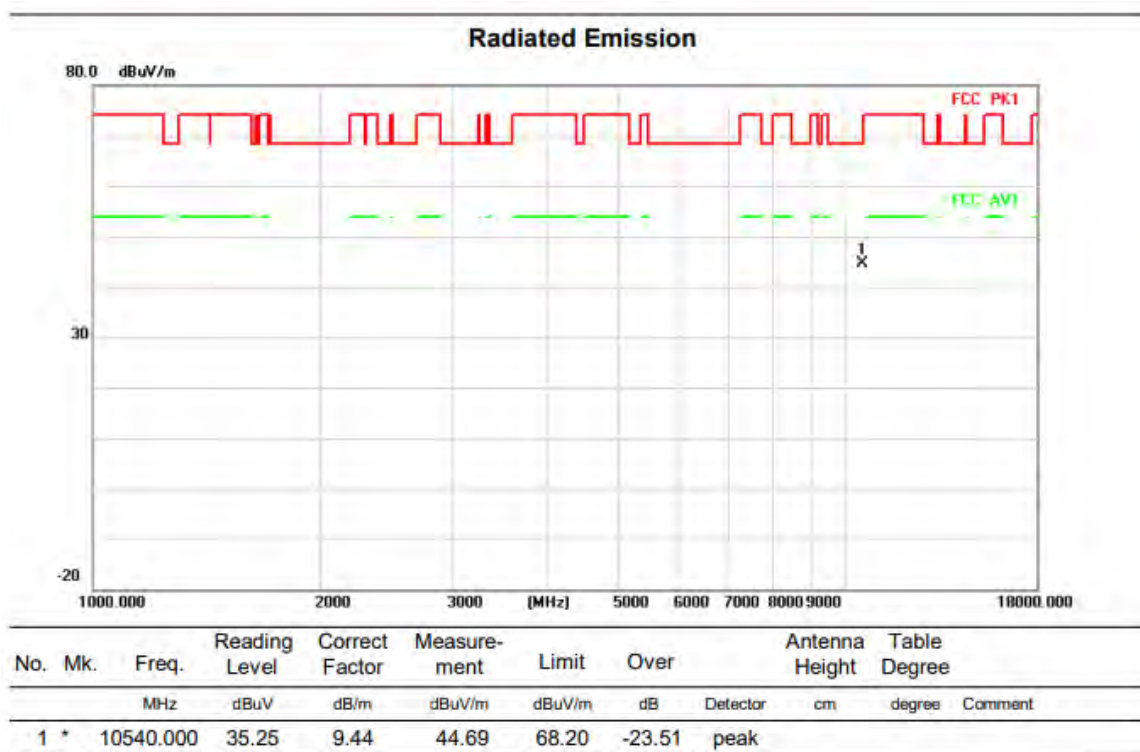
Test mode: 11AC40MIMO

Test Channel:54

VERTICAL



HORIZONTAL

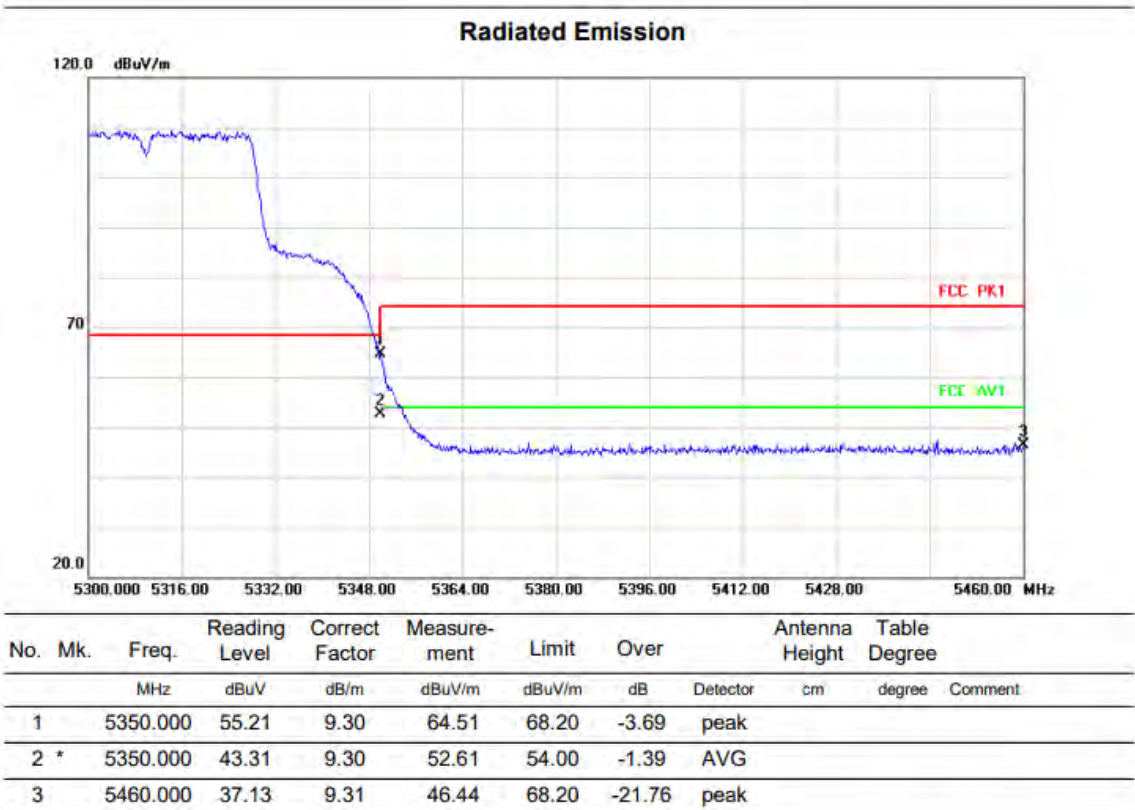
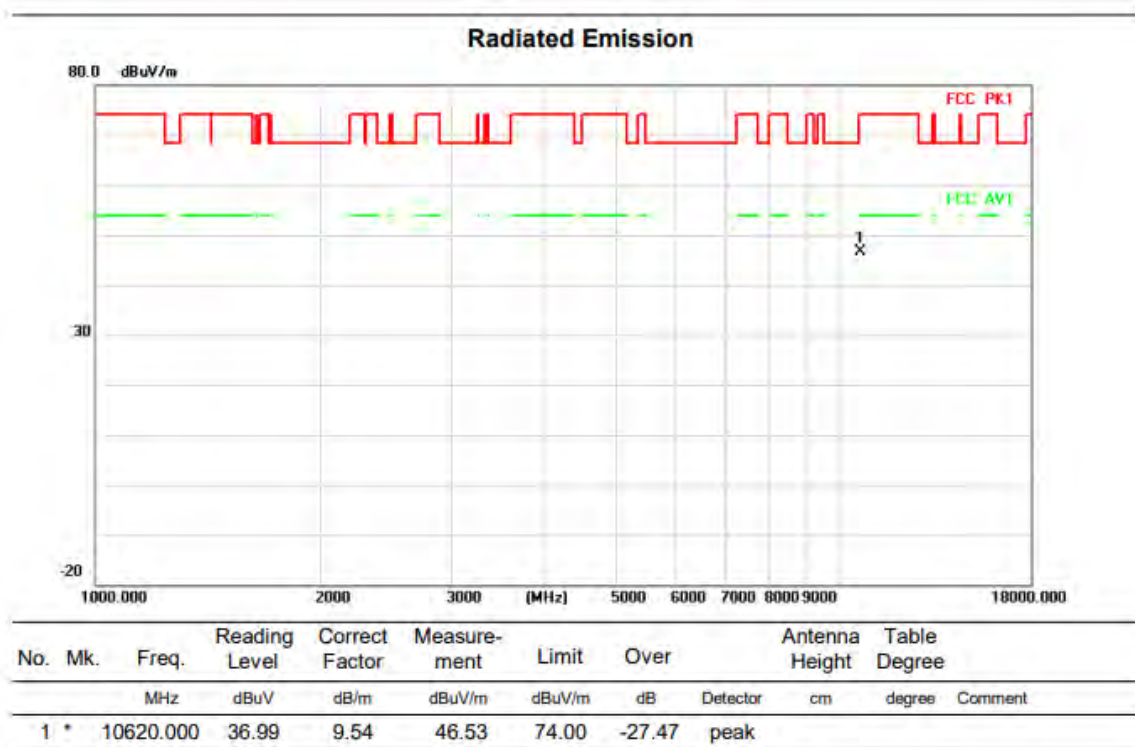


Above 1G (1GHz~18GHz)

Test mode: 11AC40MIMO

Test Channel:62

VERTICAL



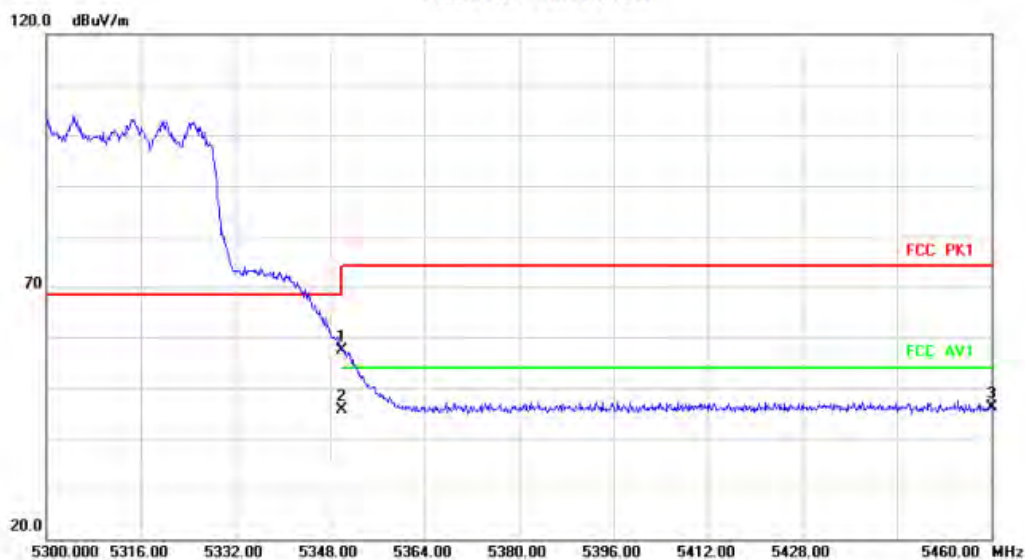
HORIZONTAL

Radiated Emission



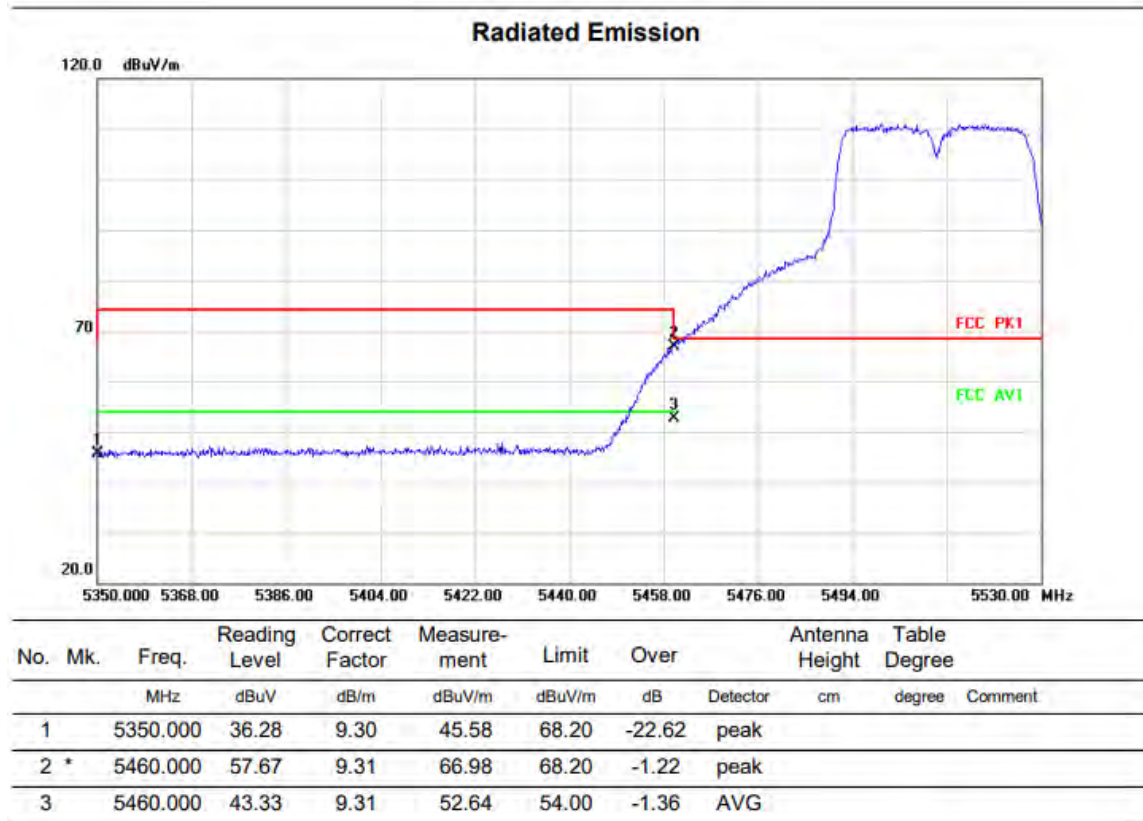
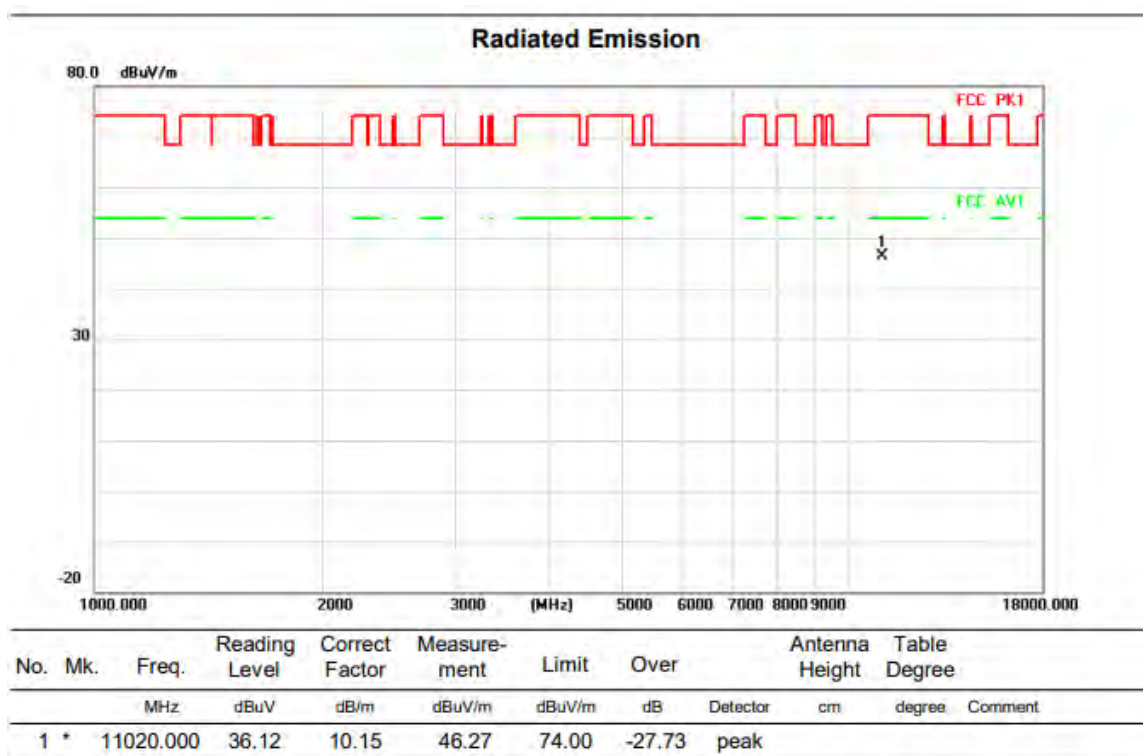
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10620.000	34.23	9.54	43.77	74.00	-30.23	peak		

Radiated Emission

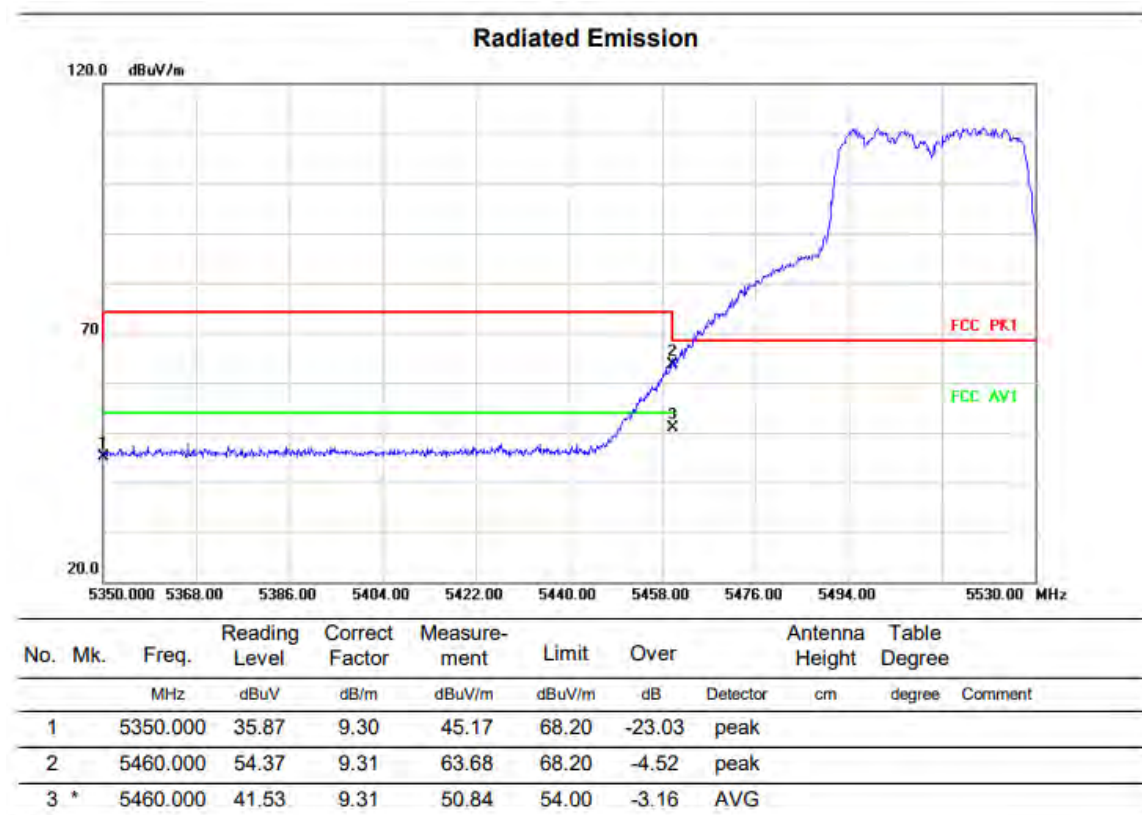
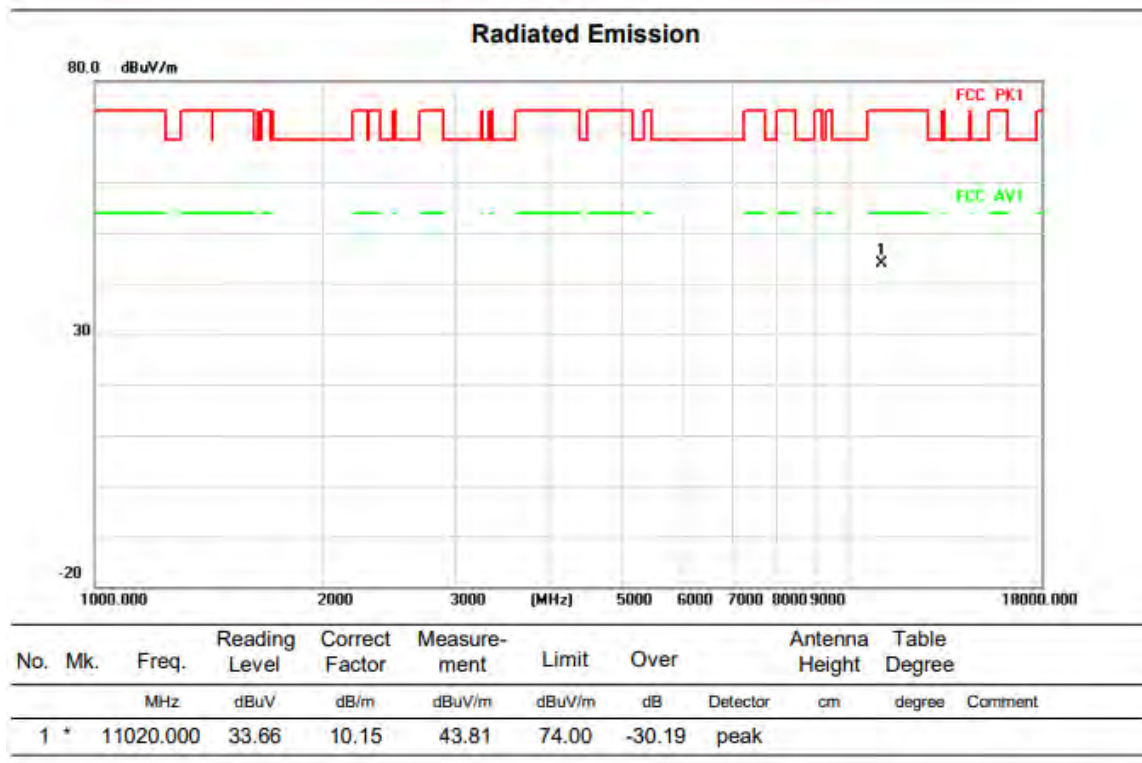


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5350.000	48.01	9.30	57.31	68.20	-10.89	peak		
2	*	5350.000	36.27	9.30	45.57	54.00	-8.43	AVG		
3		5460.000	36.71	9.31	46.02	68.20	-22.18	peak		

VERTICAL



HORIZONTAL

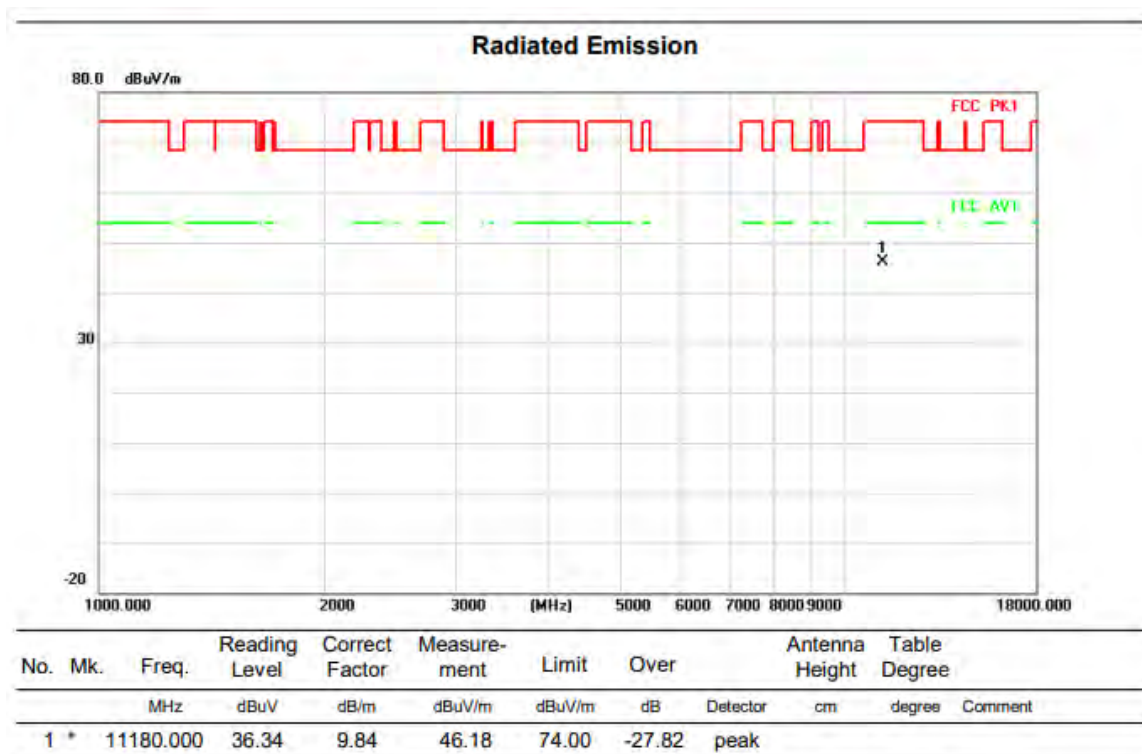


Above 1G (1GHz~18GHz)

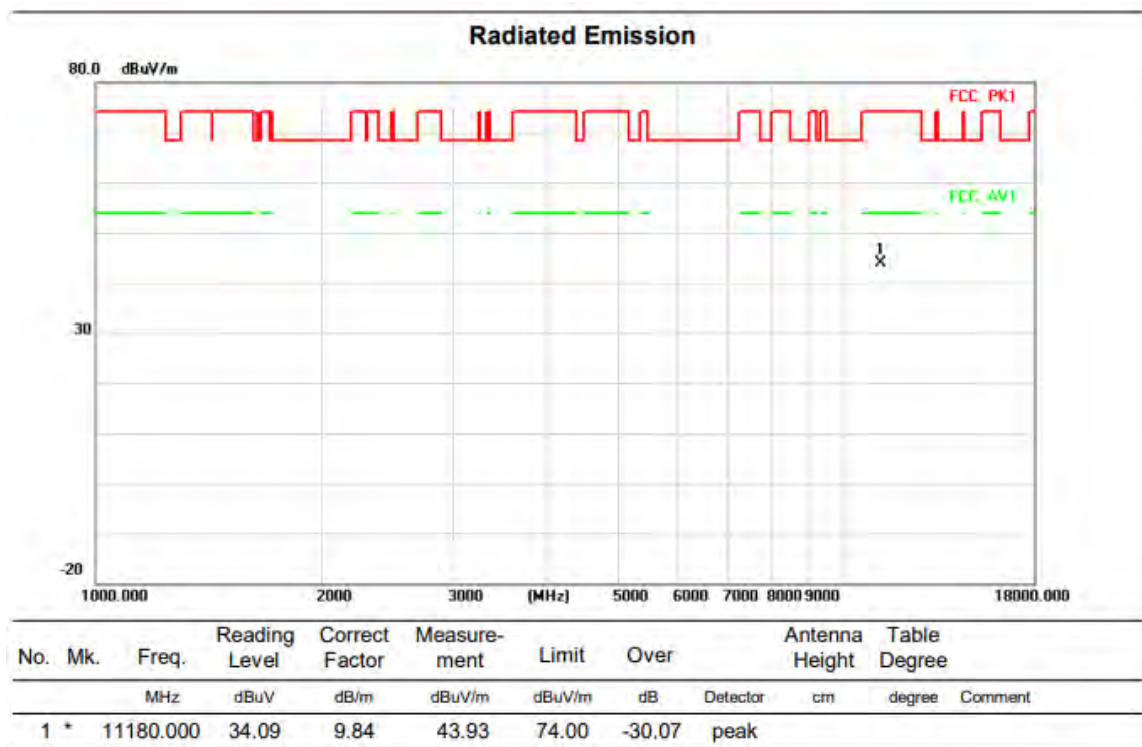
Test mode: 11AC40MIMO

Test Channel:118

VERTICAL



HORIZONTAL

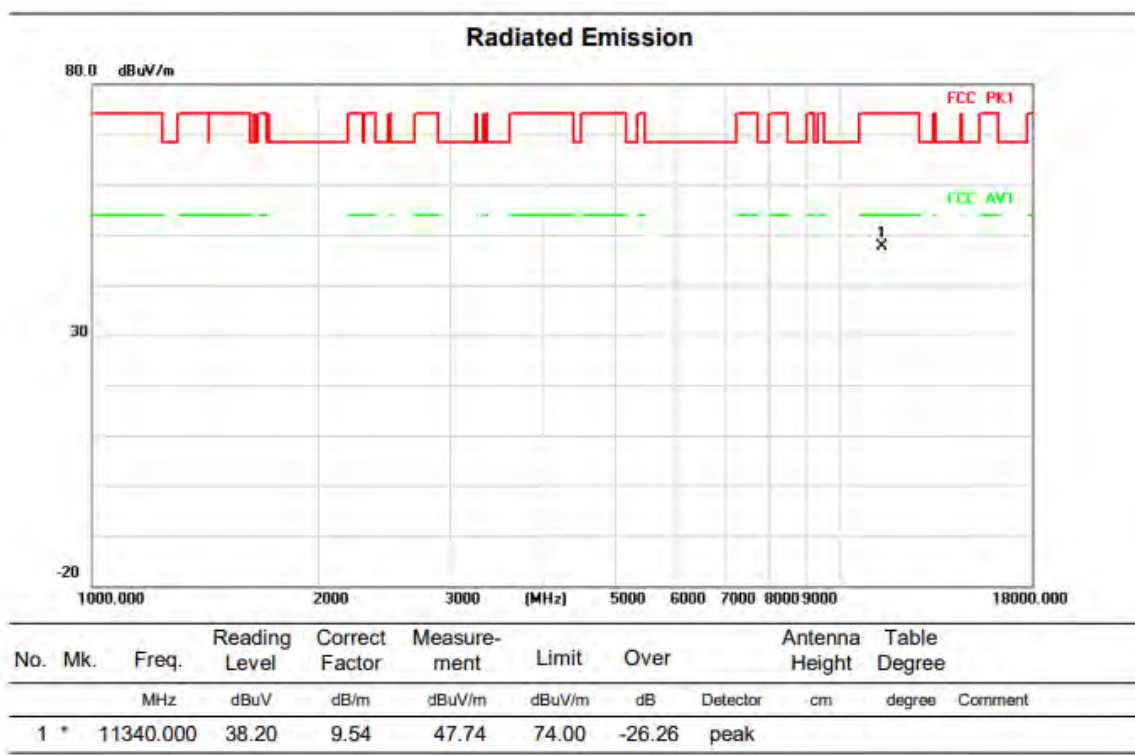


Above 1G (1GHz~18GHz)

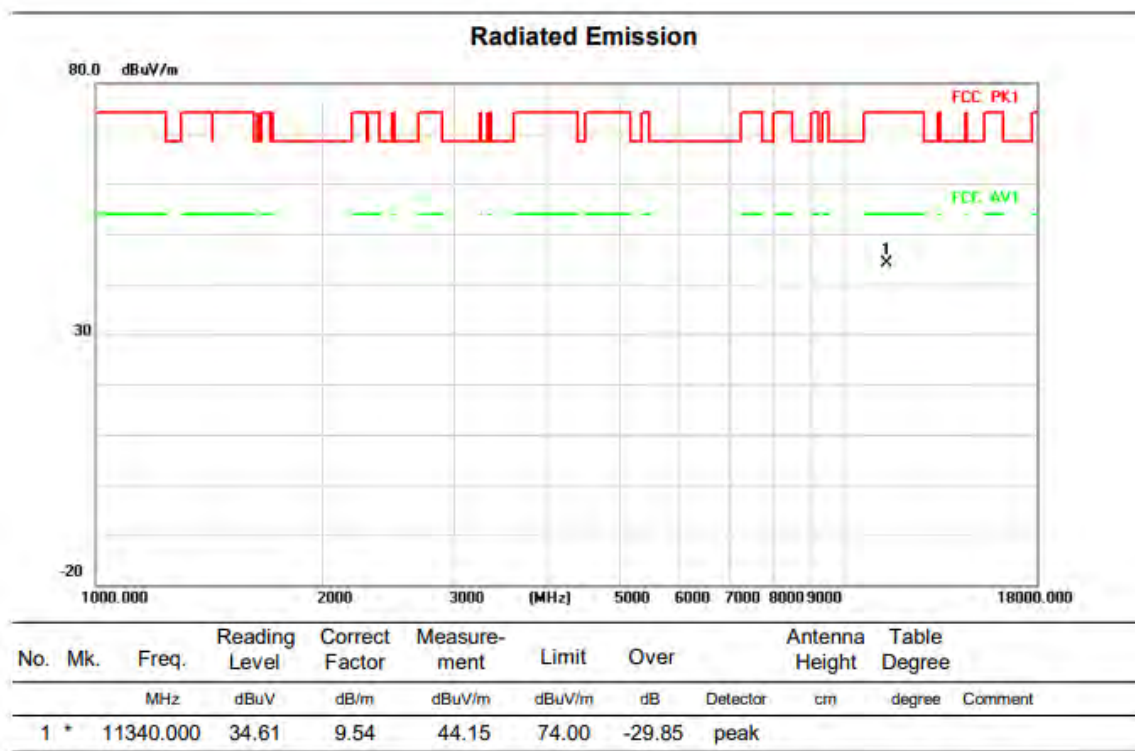
Test mode: 11AC40MIMO

Test Channel:134

VERTICAL



HORIZONTAL

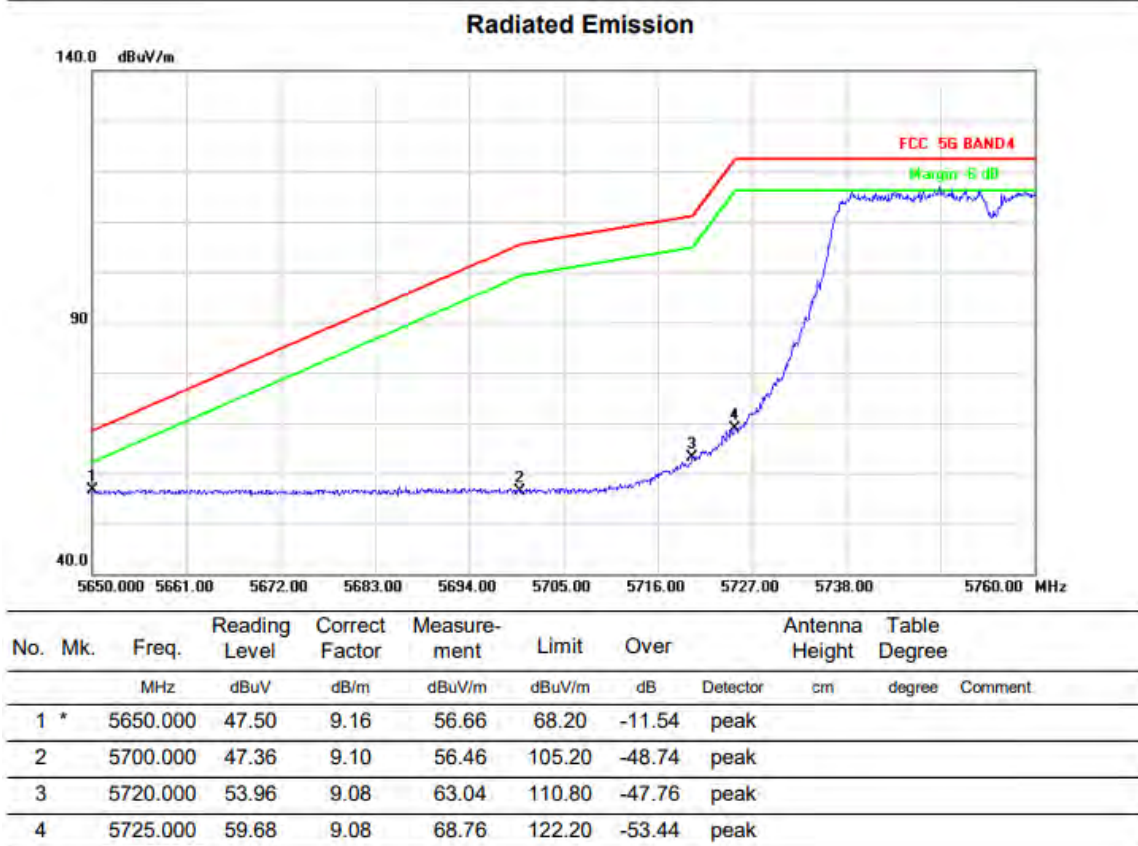
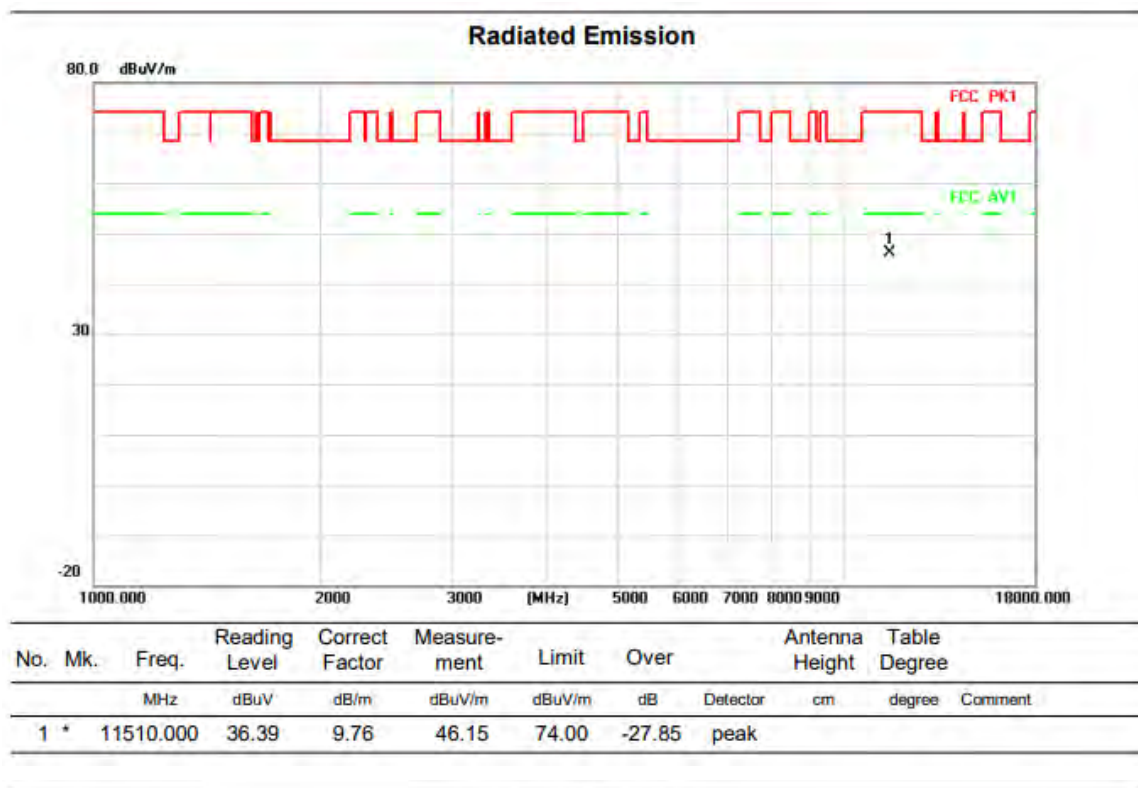


Above 1G (1GHz~18GHz)

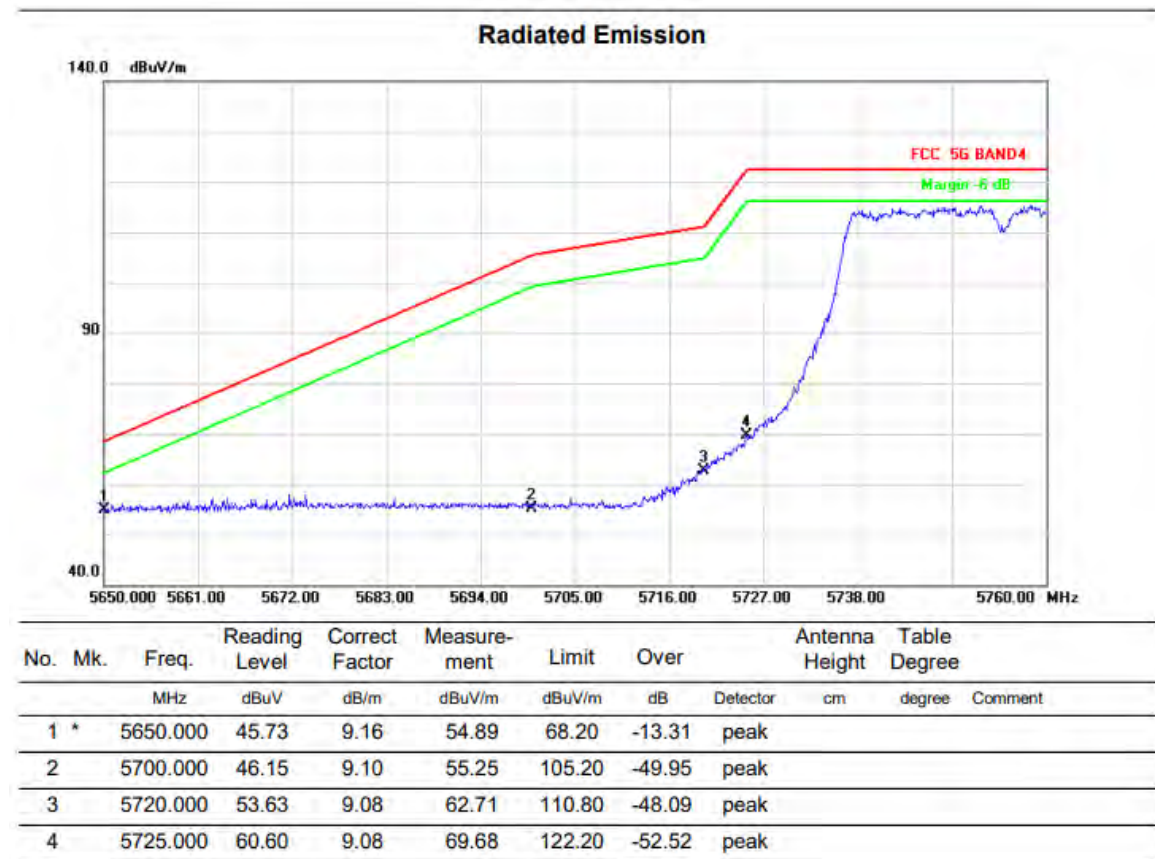
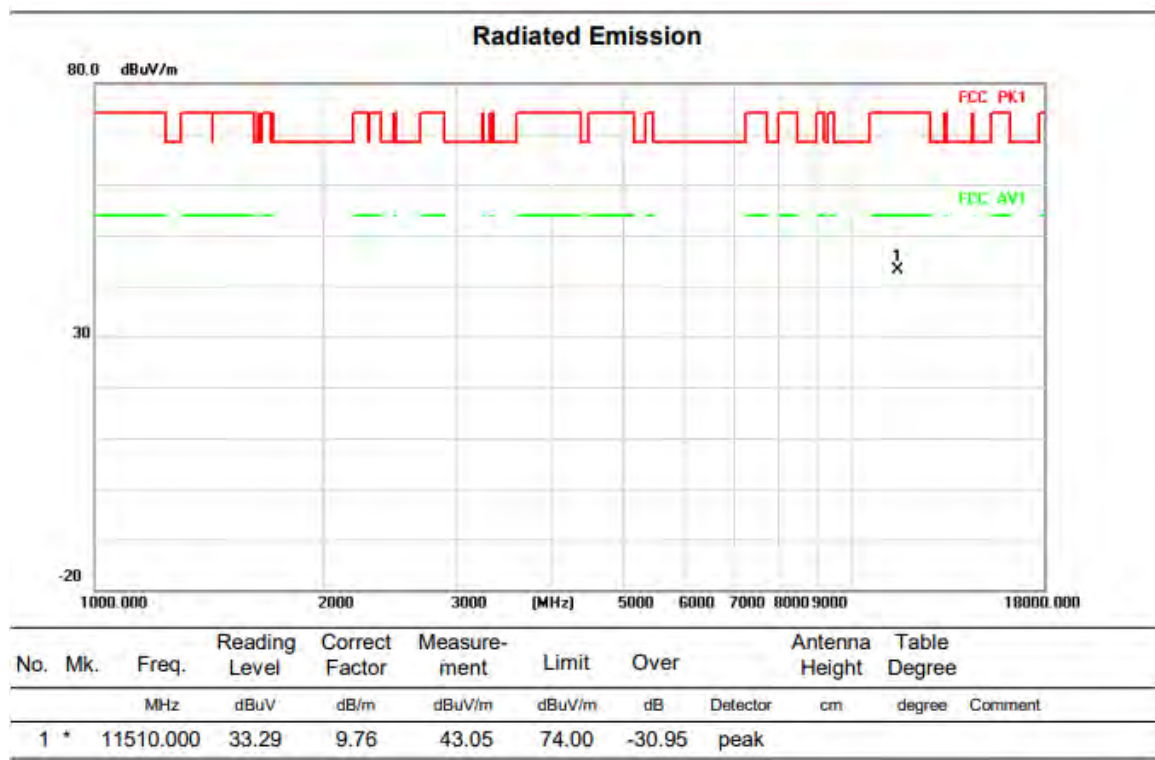
Test mode: 11AC40MIMO

Test Channel:151

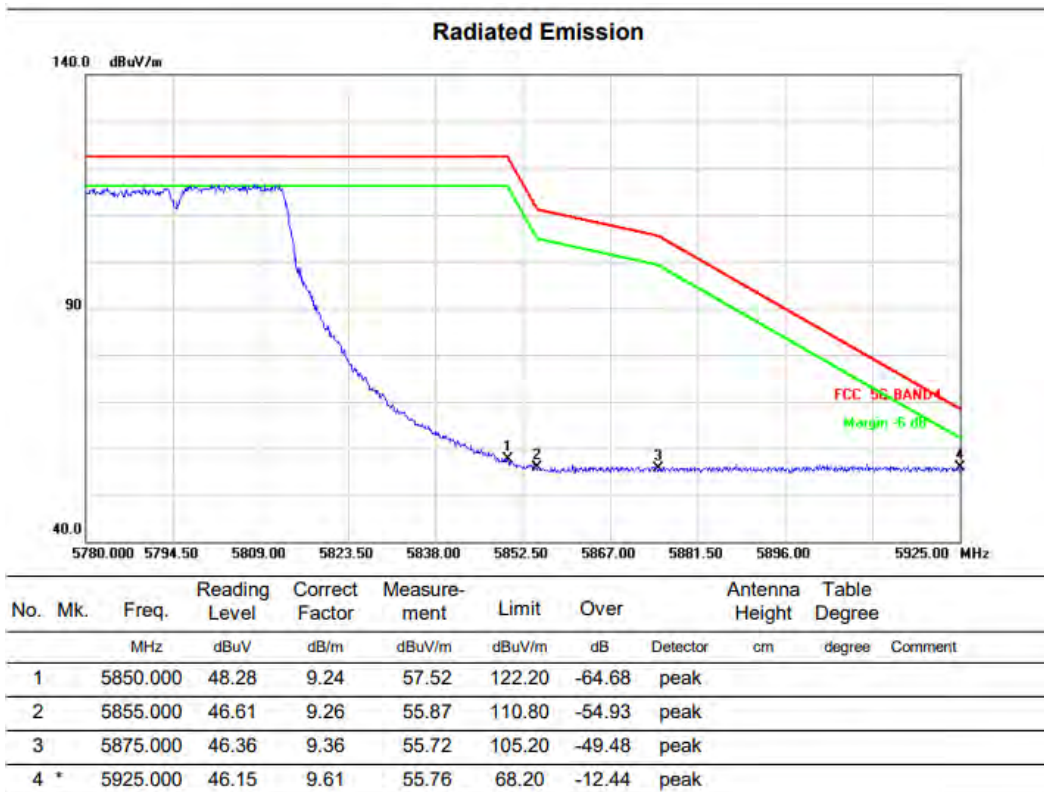
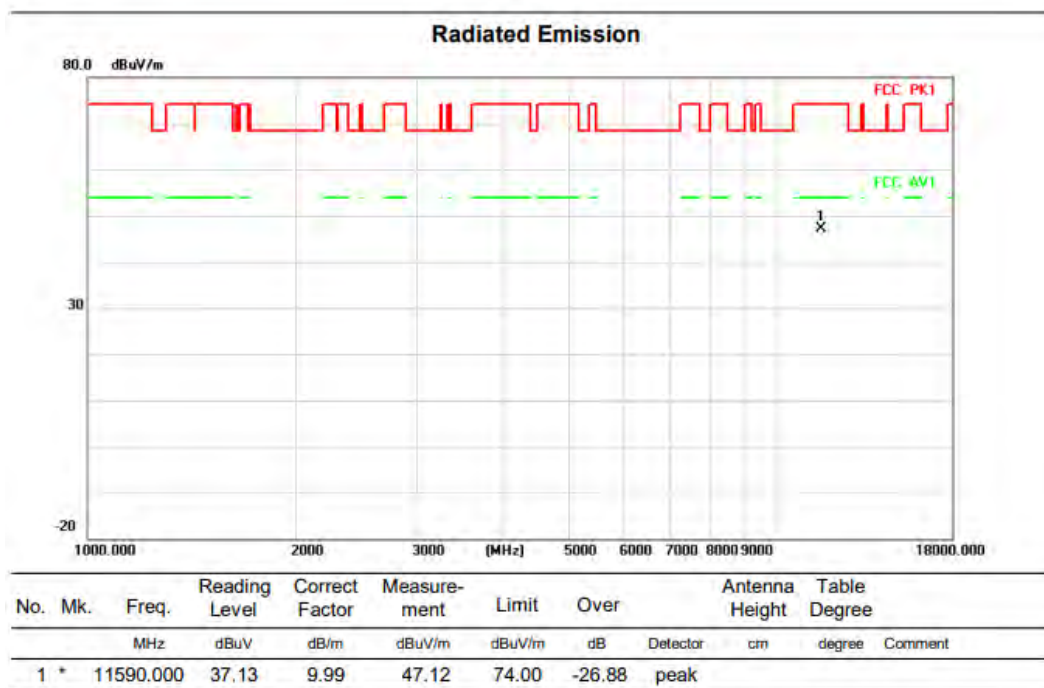
VERTICAL



HORIZONTAL



VERTICAL



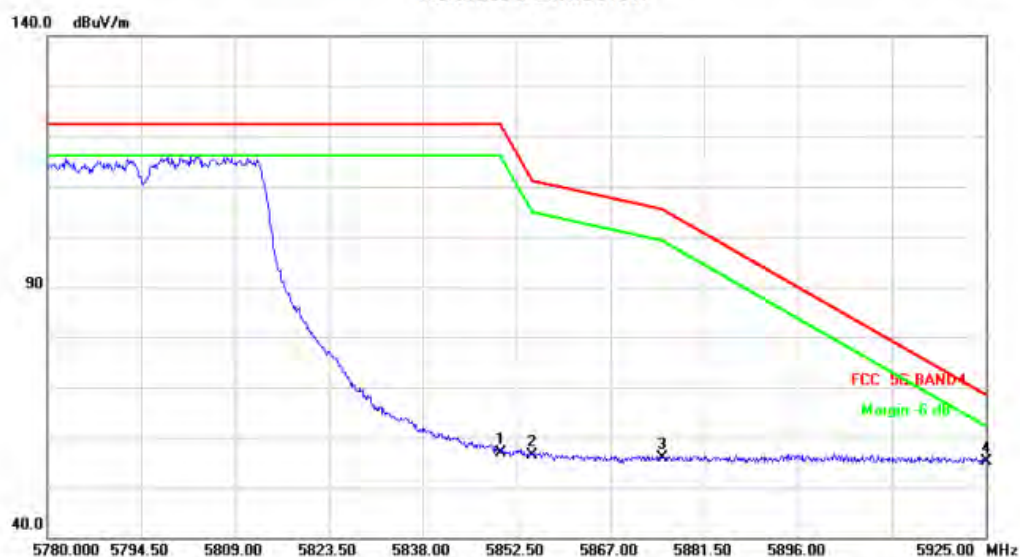
HORIZONTAL

Radiated Emission



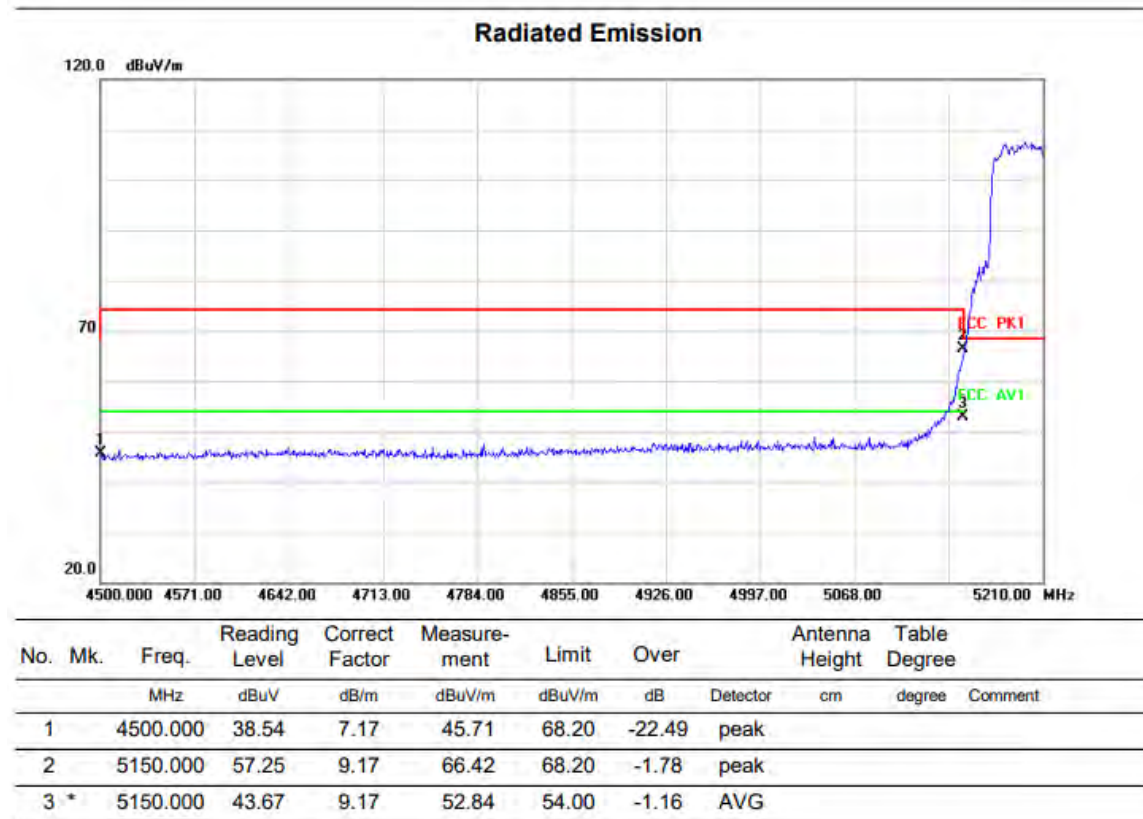
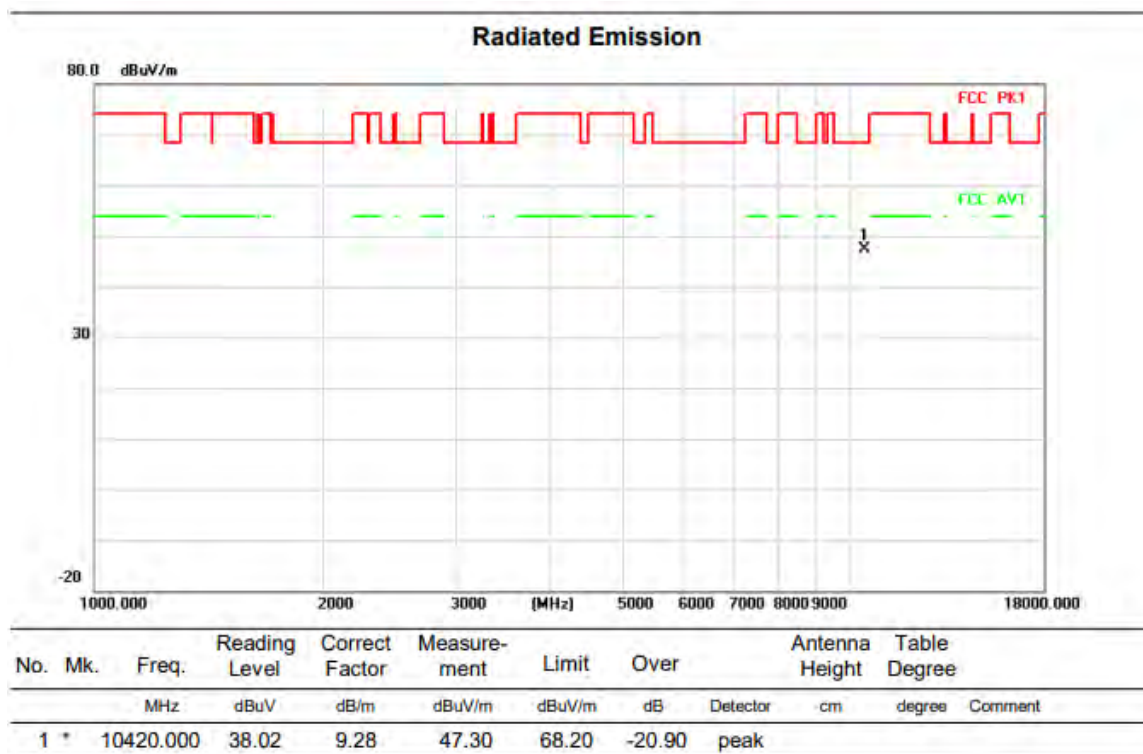
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11590.000	34.52	9.99	44.51	74.00	-29.49	peak		

Radiated Emission



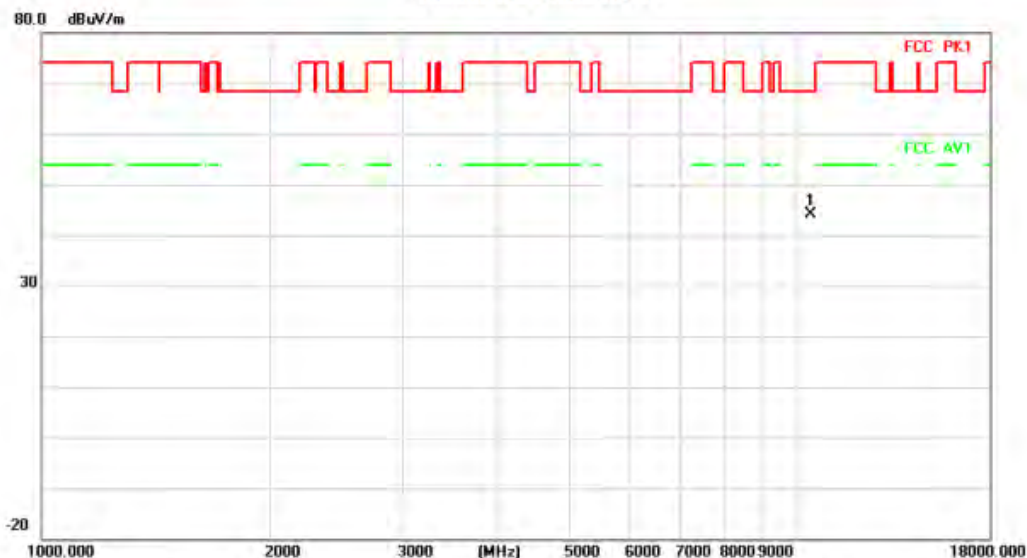
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	47.63	9.24	56.87	122.20	-65.33	peak		
2		5855.000	47.07	9.26	56.33	110.80	-54.47	peak		
3		5875.000	46.63	9.36	55.99	105.20	-49.21	peak		
4	*	5925.000	45.59	9.61	55.20	68.20	-13.00	peak		

VERTICAL



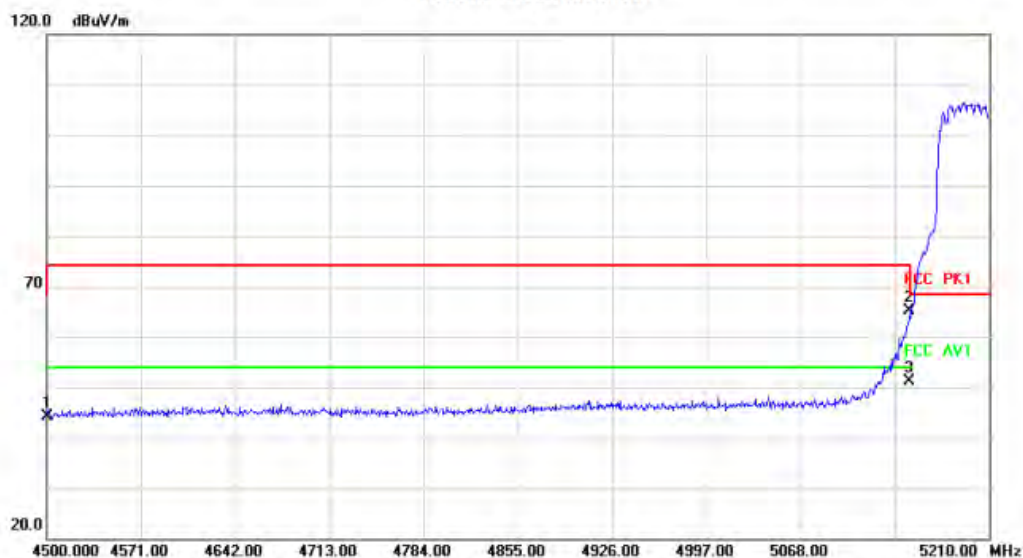
HORIZONTAL

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	Detector	cm	degree
1	*	10420.000	34.93	9.28	44.21	68.20	-23.99	peak		Comment

Radiated Emission



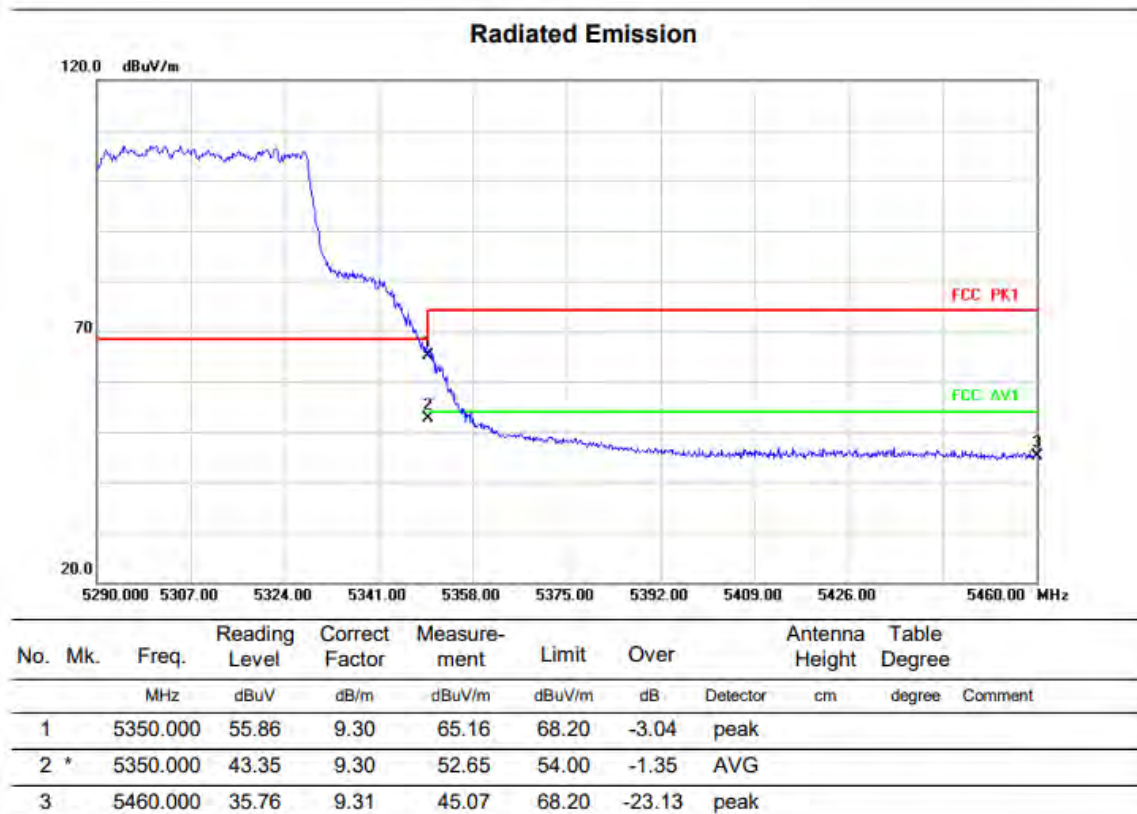
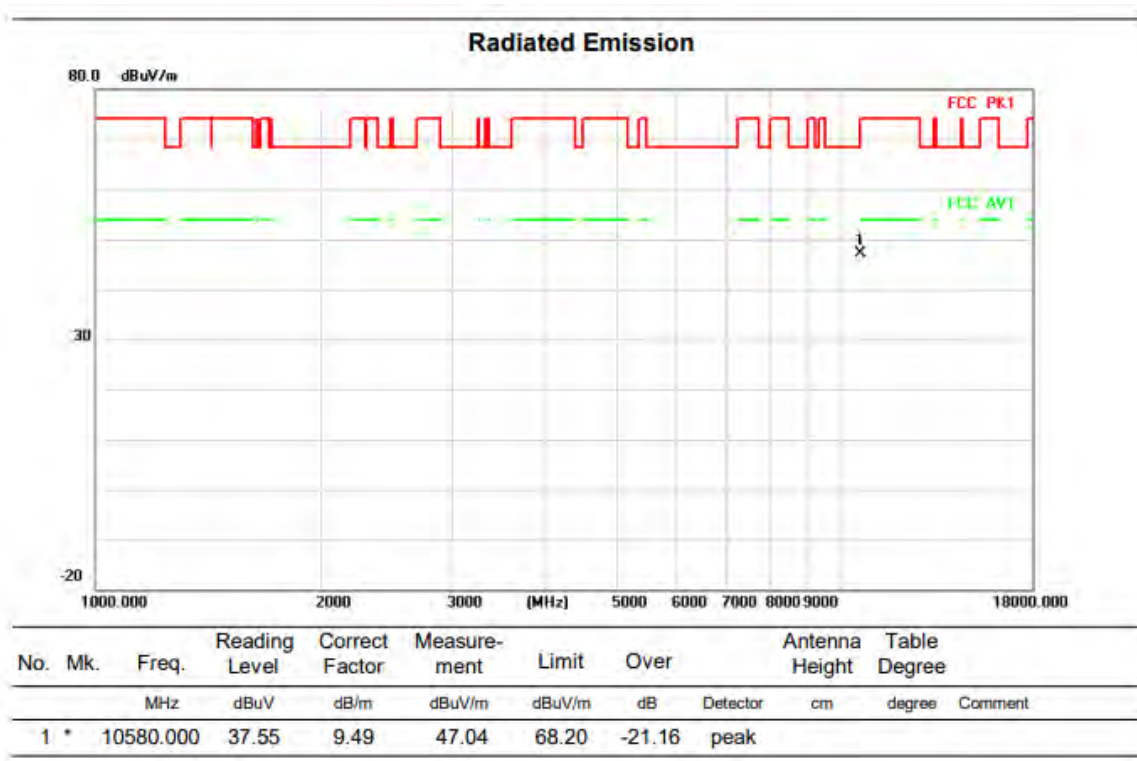
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4500.000	36.98	7.17	44.15	68.20	-24.05	peak		Comment
2		5150.000	55.85	9.17	65.02	68.20	-3.18	peak		Comment
3	*	5150.000	42.03	9.17	51.20	54.00	-2.80	AVG		Comment

Above 1G (1GHz~18GHz)

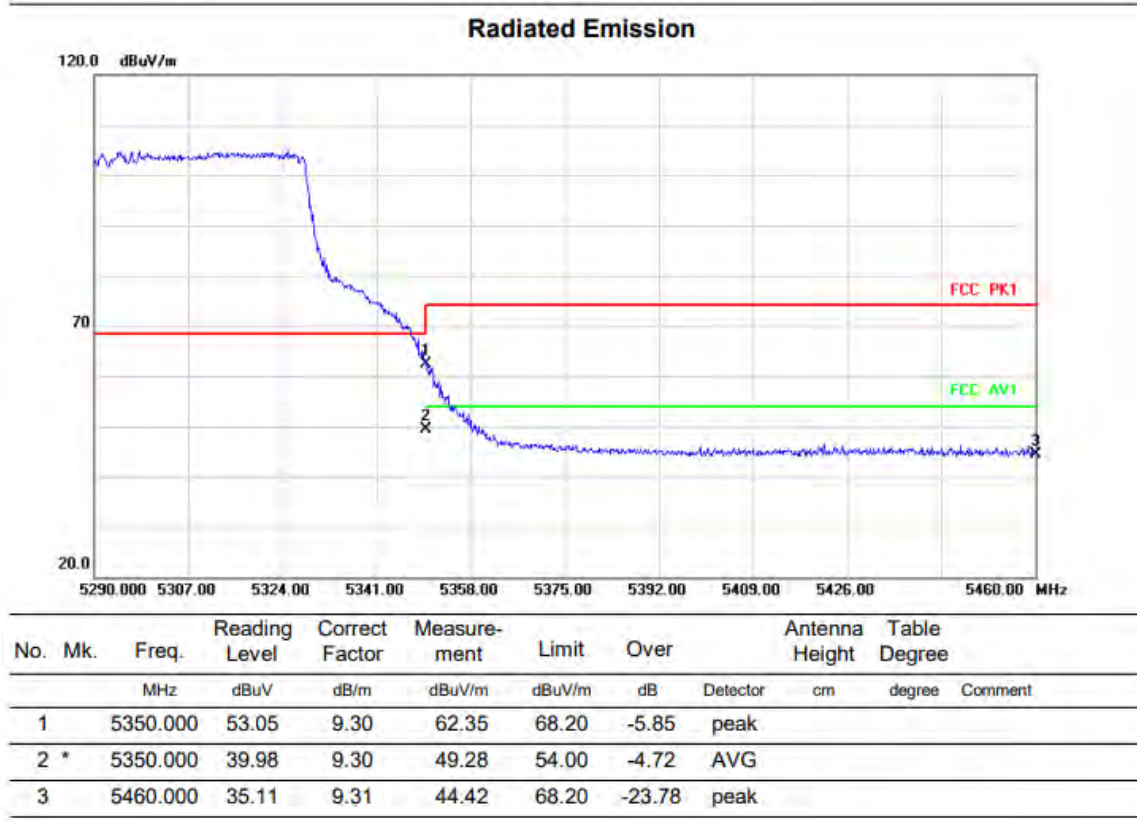
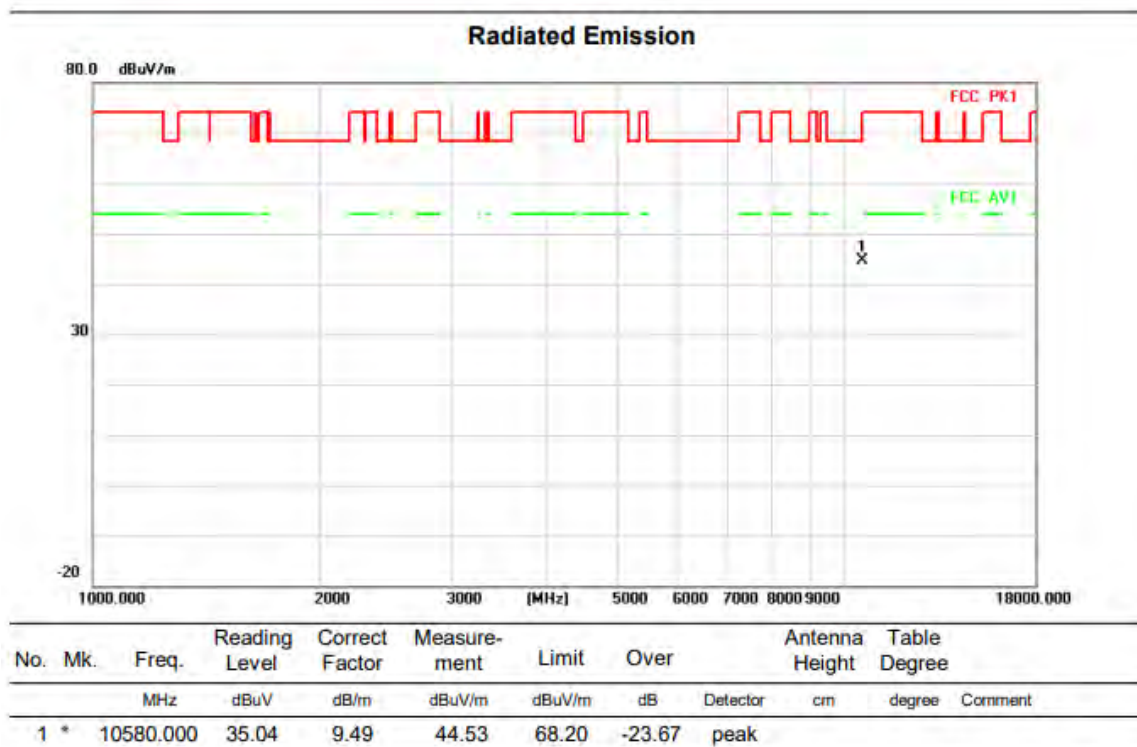
Test mode: 11AC80MIMO

Test Channel:58

VERTICAL



HORIZONTAL

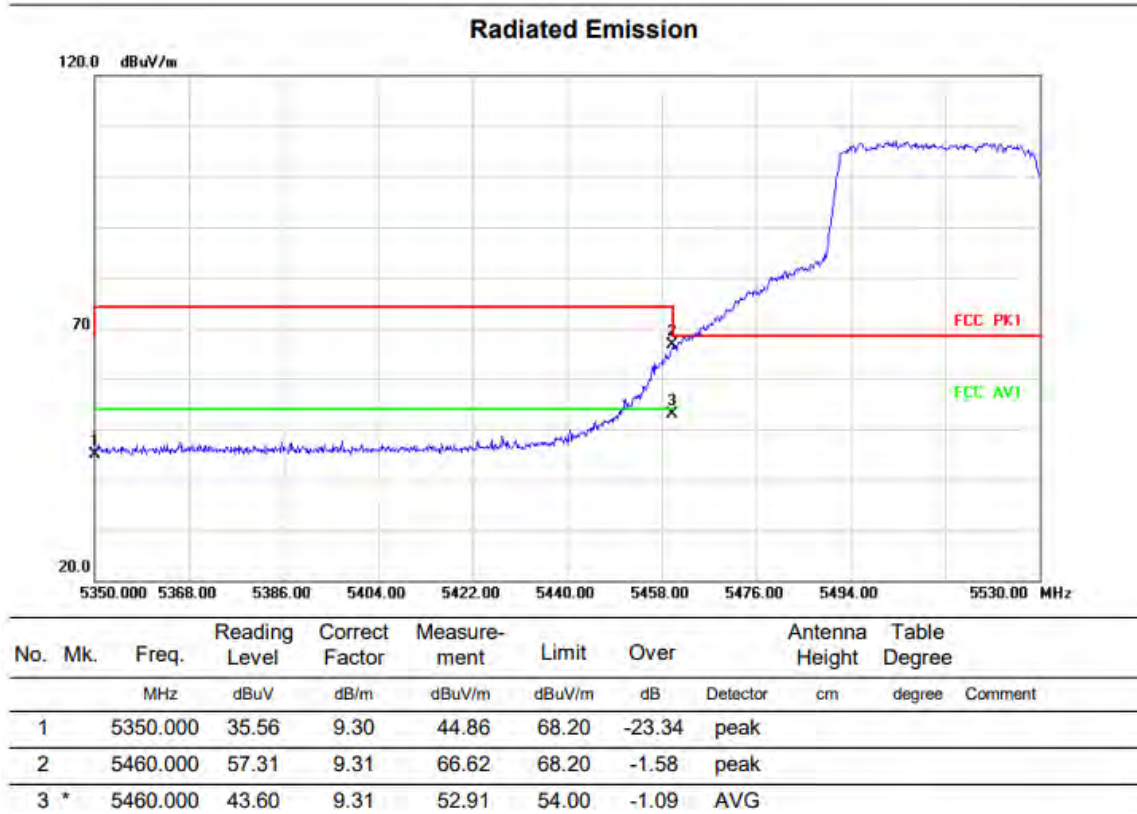
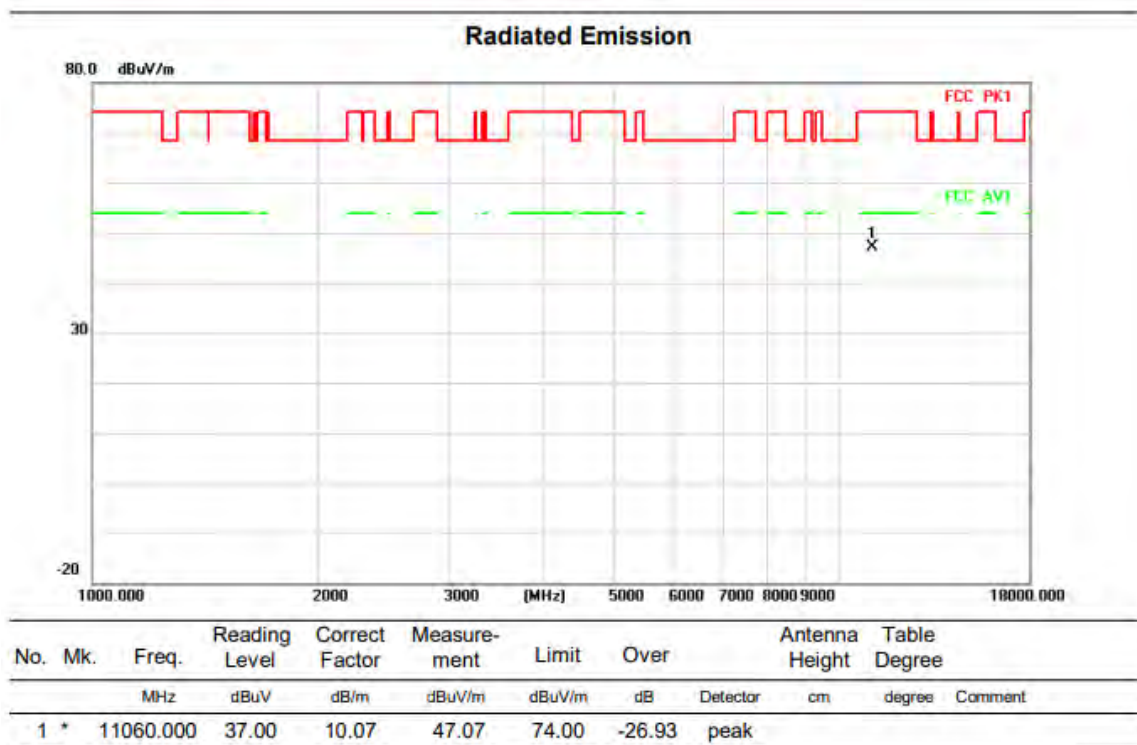


Above 1G (1GHz~18GHz)

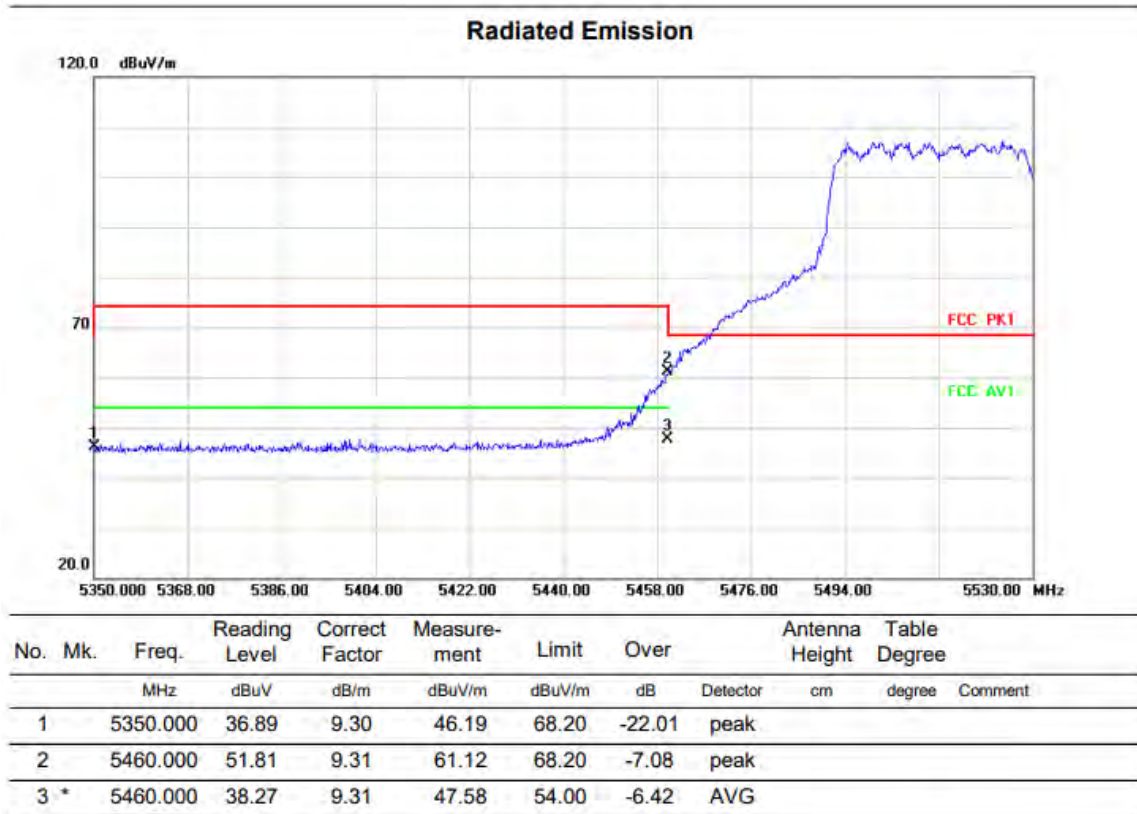
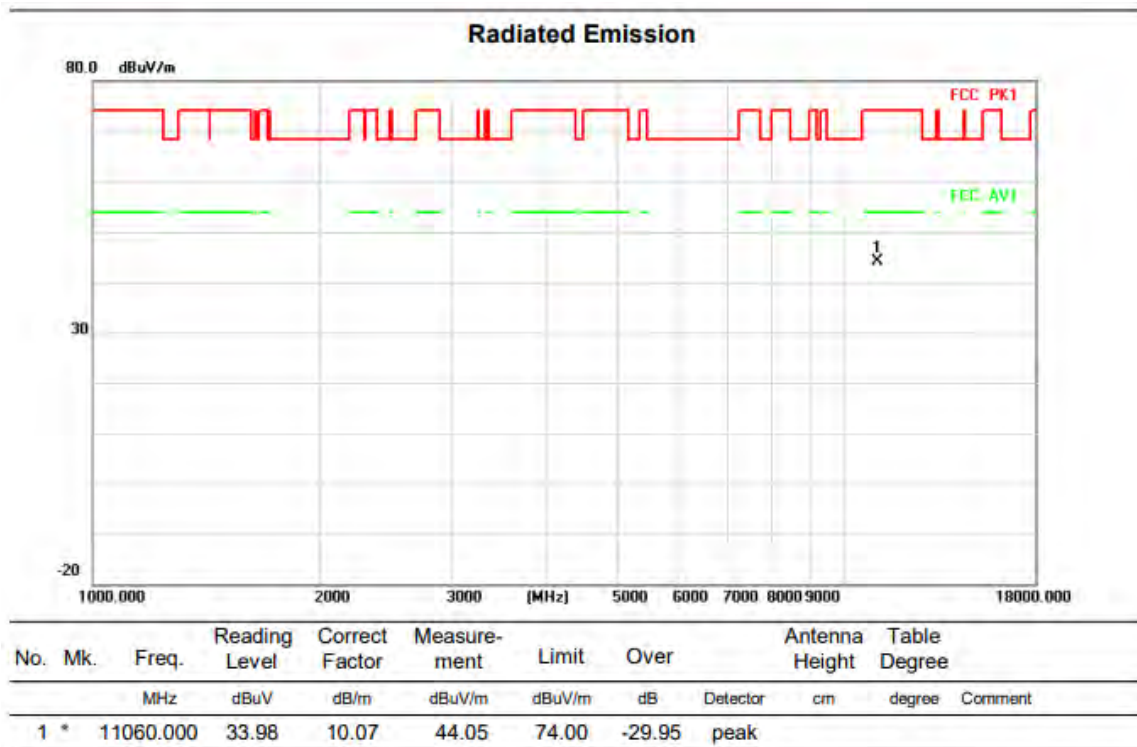
Test mode: 11AC80MIMO

Test Channel:106

VERTICAL



HORIZONTAL

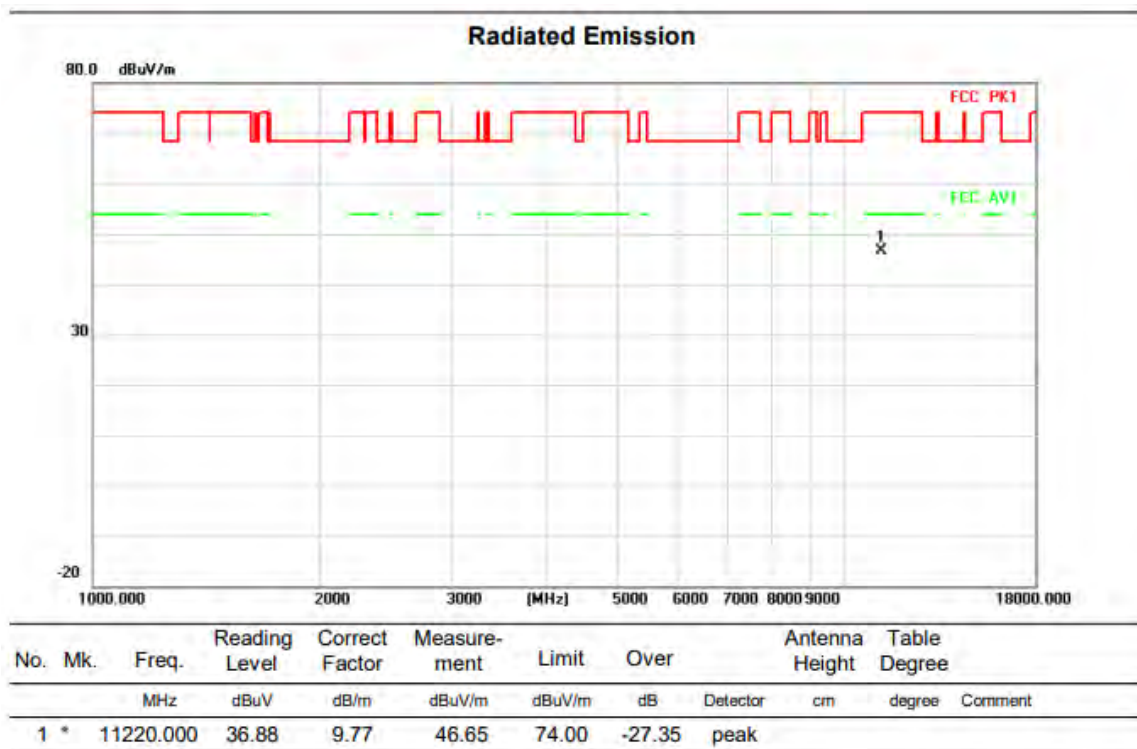


Above 1G (1GHz~18GHz)

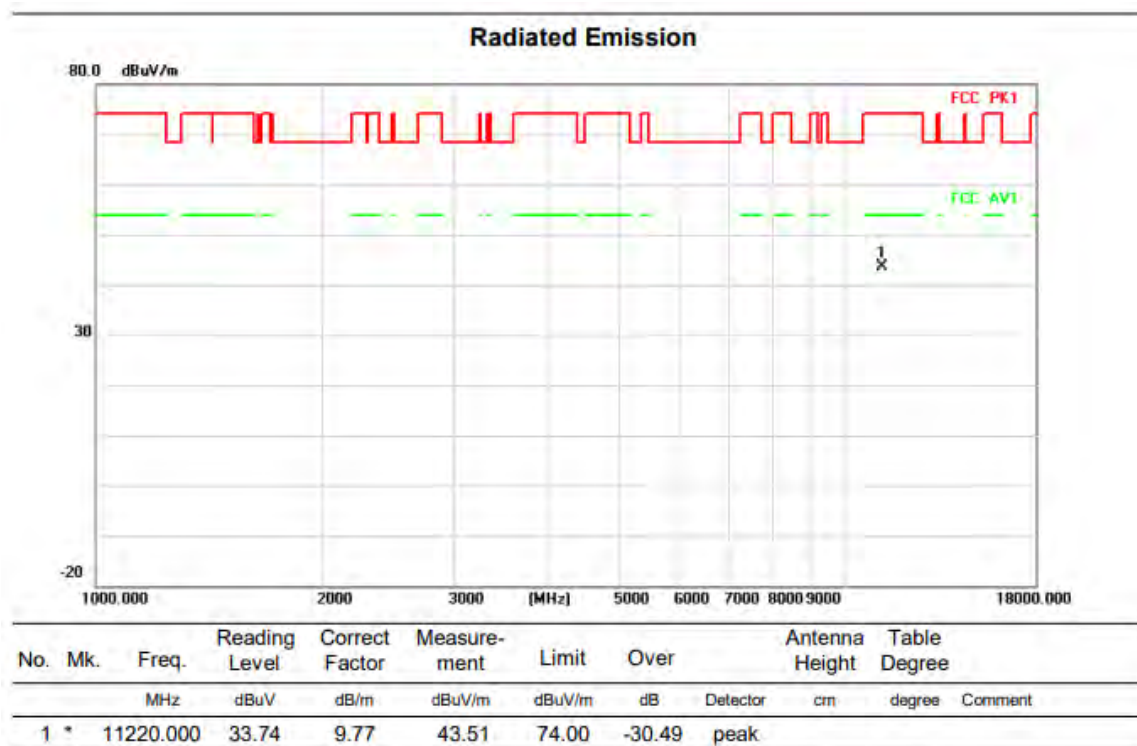
Test mode: 11AC80MIMO

Test Channel:122

VERTICAL



HORIZONTAL

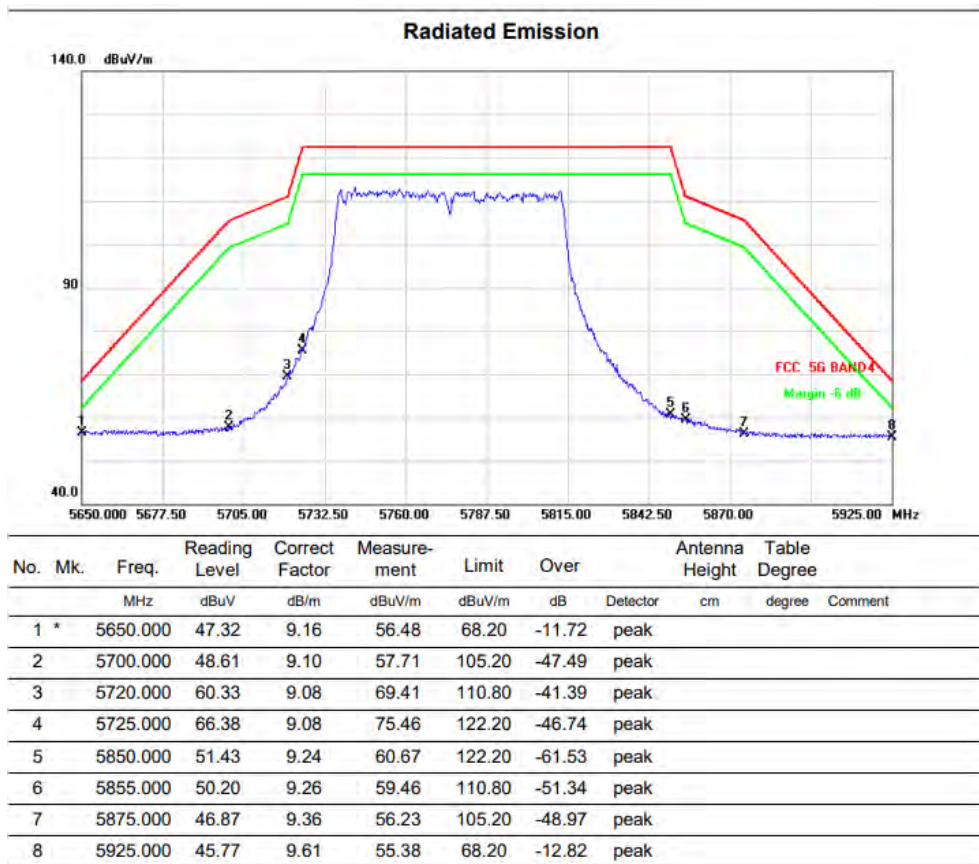
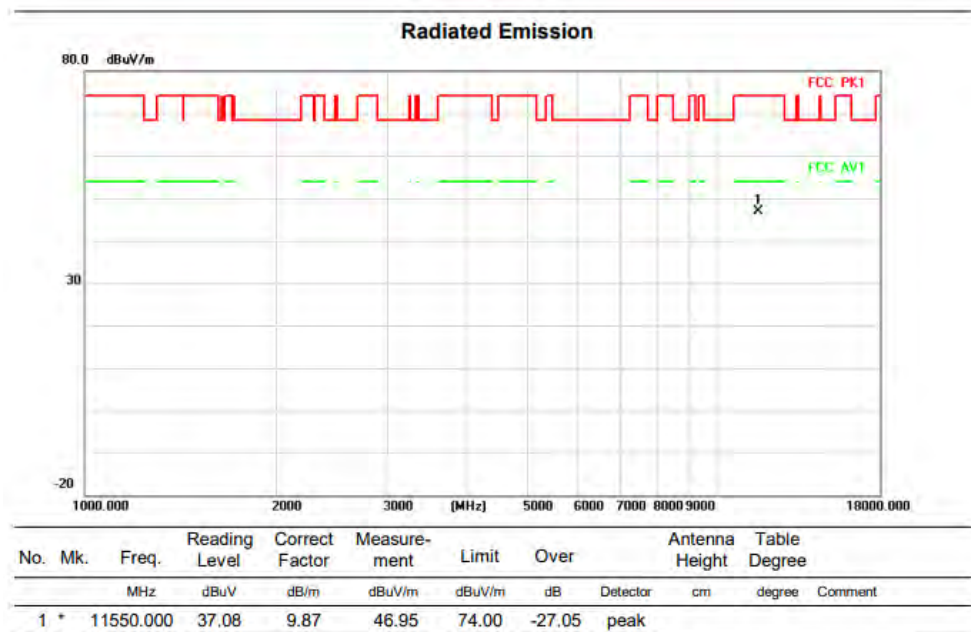


Above 1G (1GHz~18GHz)

Test mode: 11AC80MIMO

Test Channel:155

VERTICAL



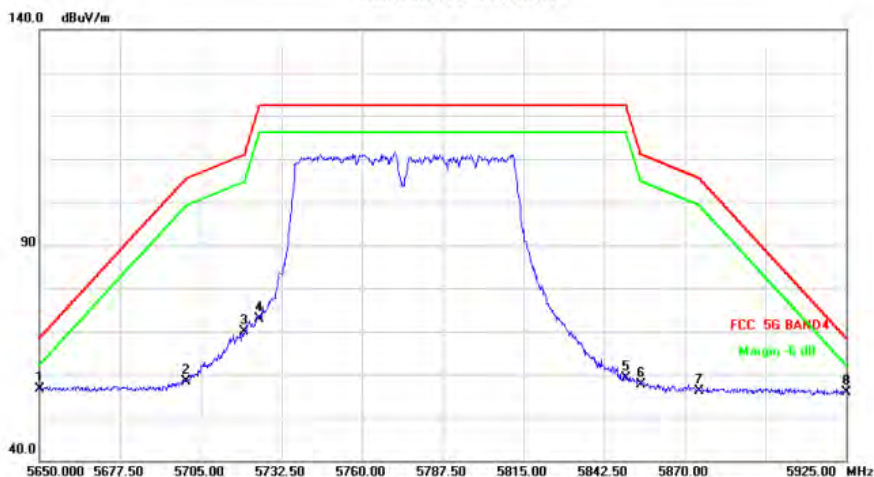
HORIZONTAL

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	*	11550.000	33.82	9.87	43.69	74.00	-30.31	peak	

Radiated Emission



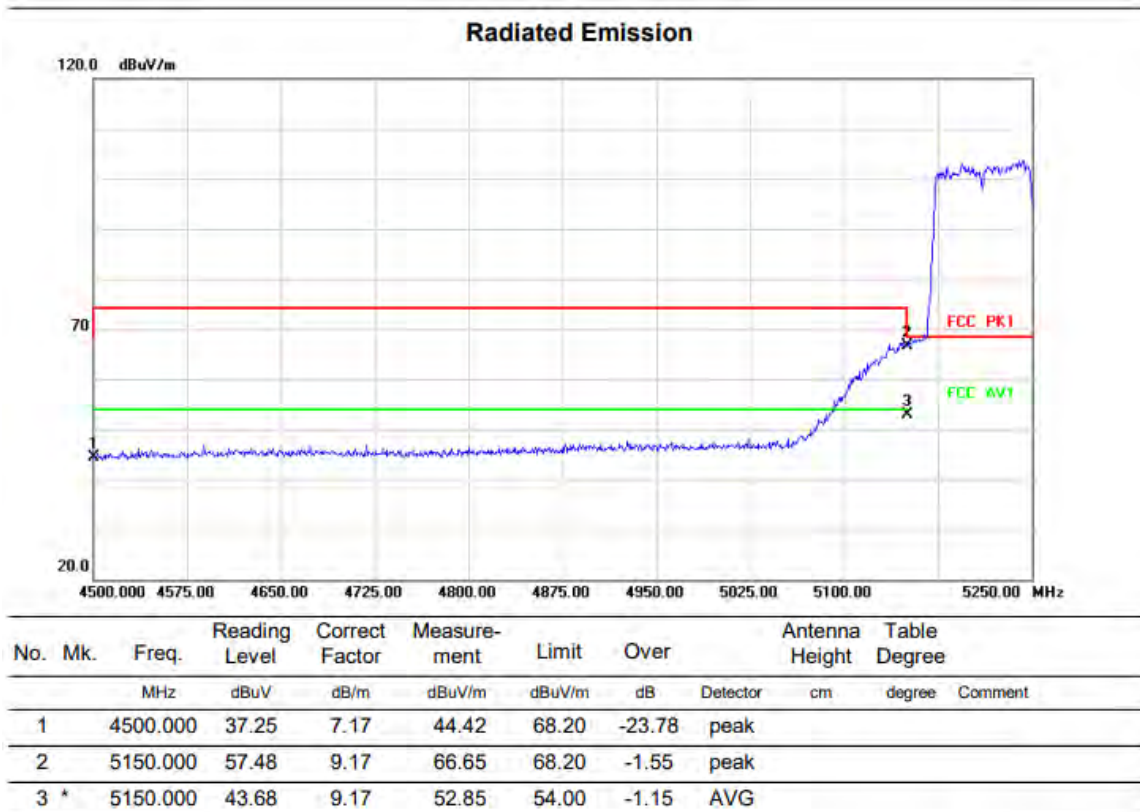
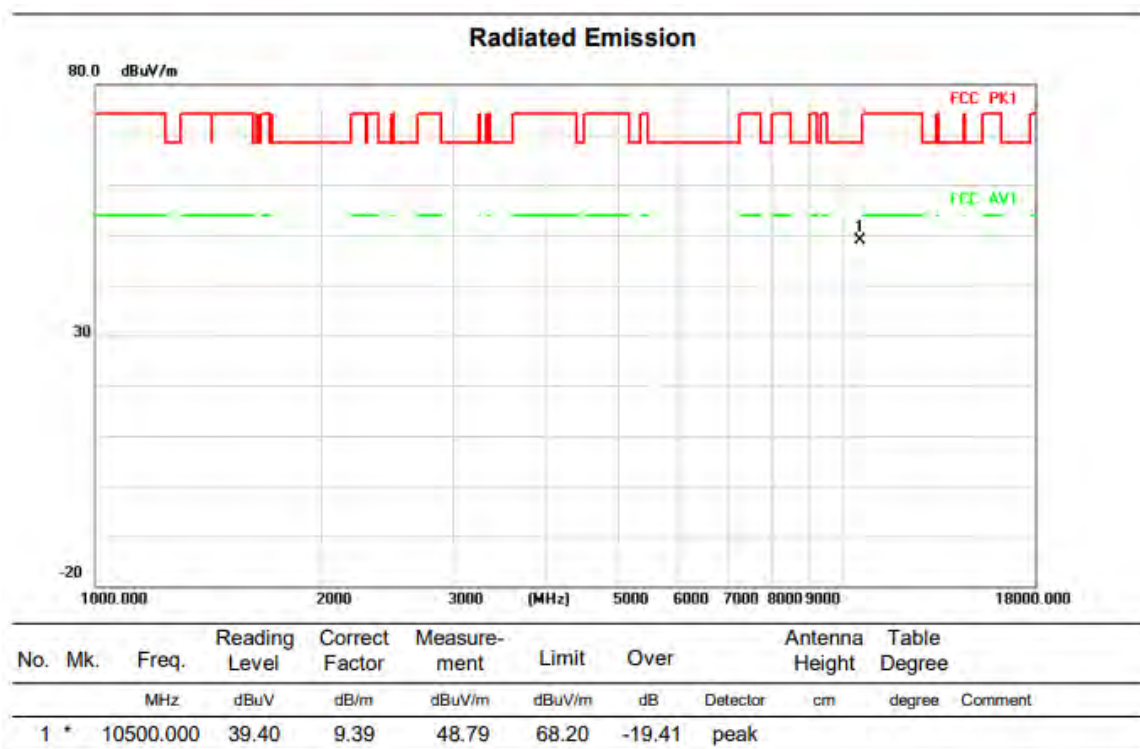
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	47.55	9.16	56.71	68.20	-11.49	peak	
2		5700.000	49.39	9.10	58.49	105.20	-46.71	peak	
3		5720.000	60.87	9.08	69.95	110.80	-40.85	peak	
4		5725.000	63.90	9.08	72.98	122.20	-49.22	peak	
5		5850.000	49.97	9.24	59.21	122.20	-62.99	peak	
6		5855.000	48.43	9.26	57.69	110.80	-53.11	peak	
7		5875.000	46.70	9.36	56.06	105.20	-49.14	peak	
8		5925.000	46.27	9.61	55.88	68.20	-12.32	peak	

Above 1G (1GHz~18GHz)

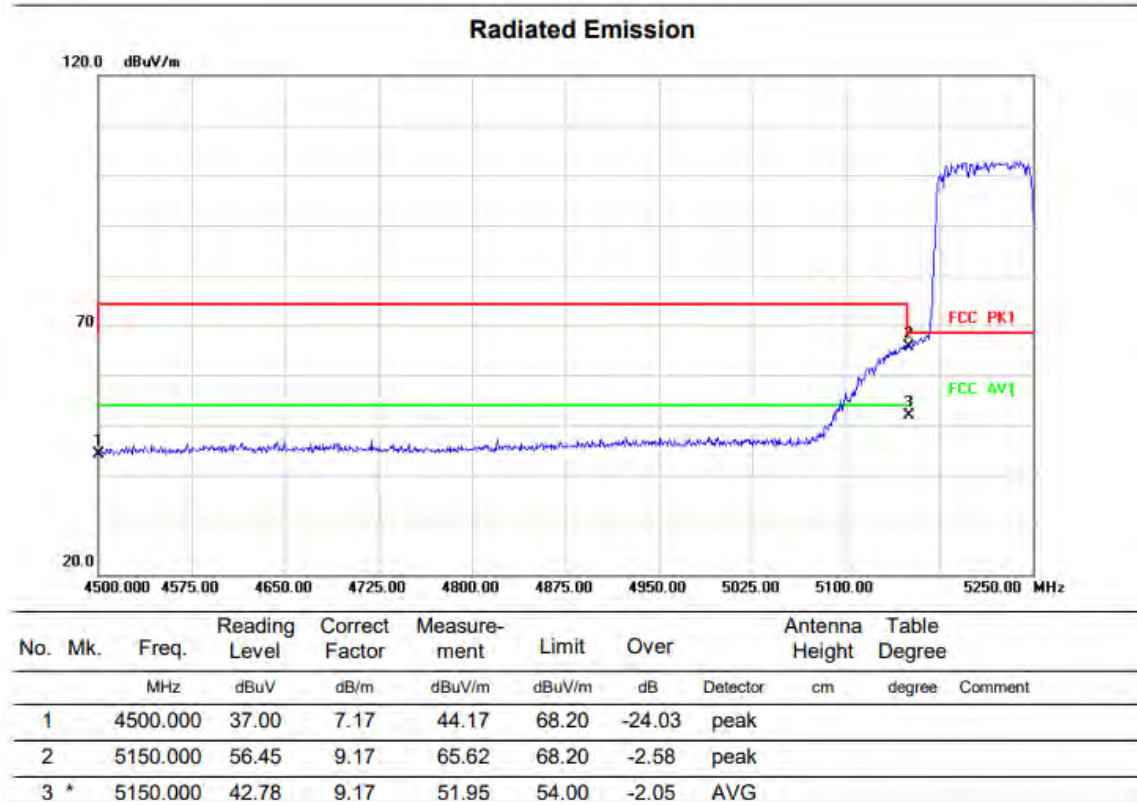
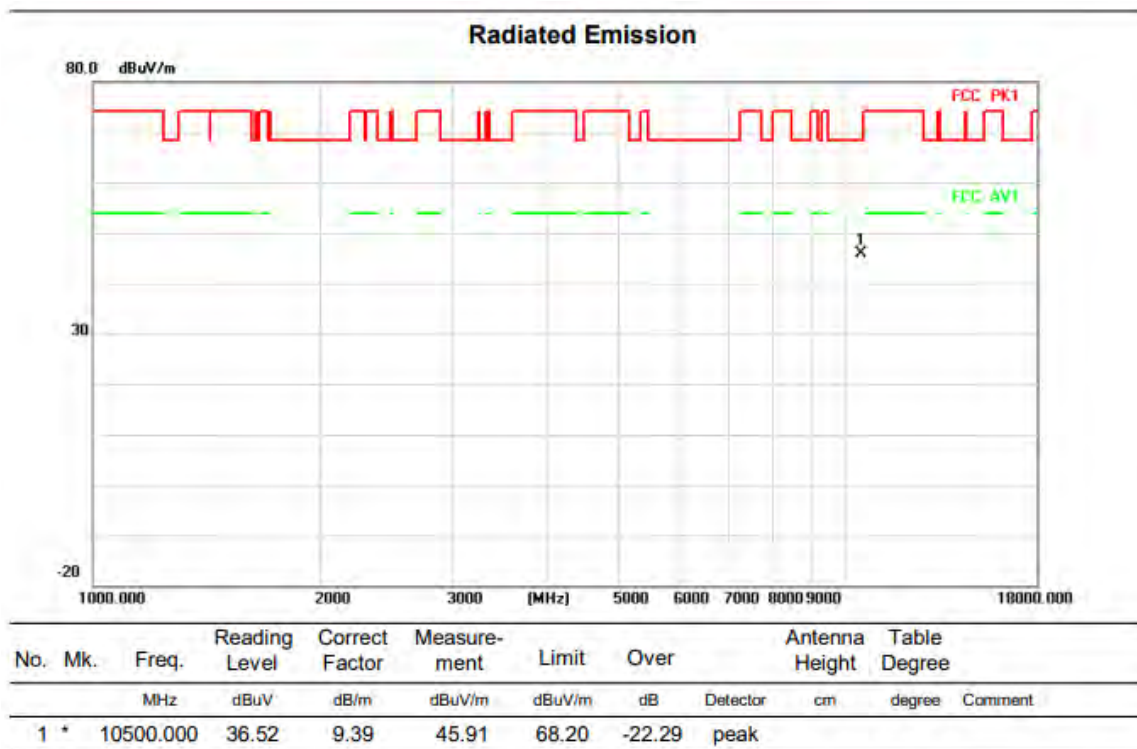
Test mode: 11AC160MIMO

Test Channel:50

VERTICAL



HORIZONTAL

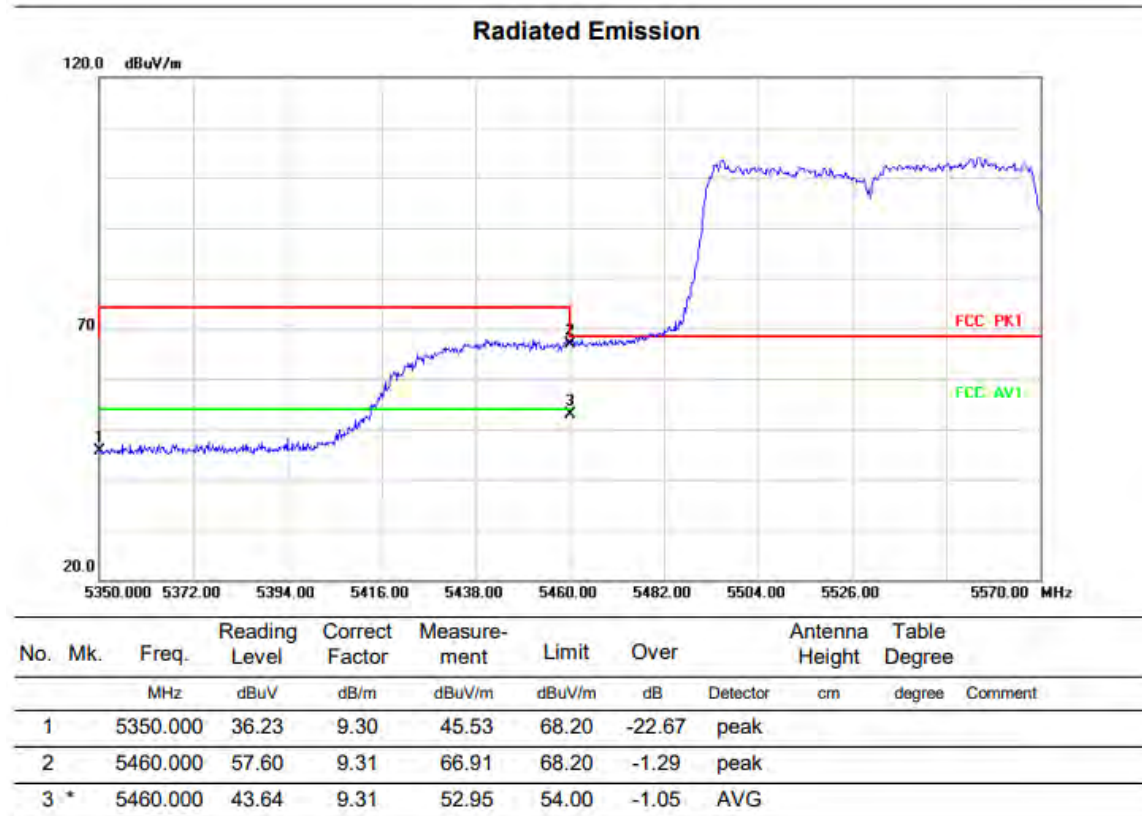
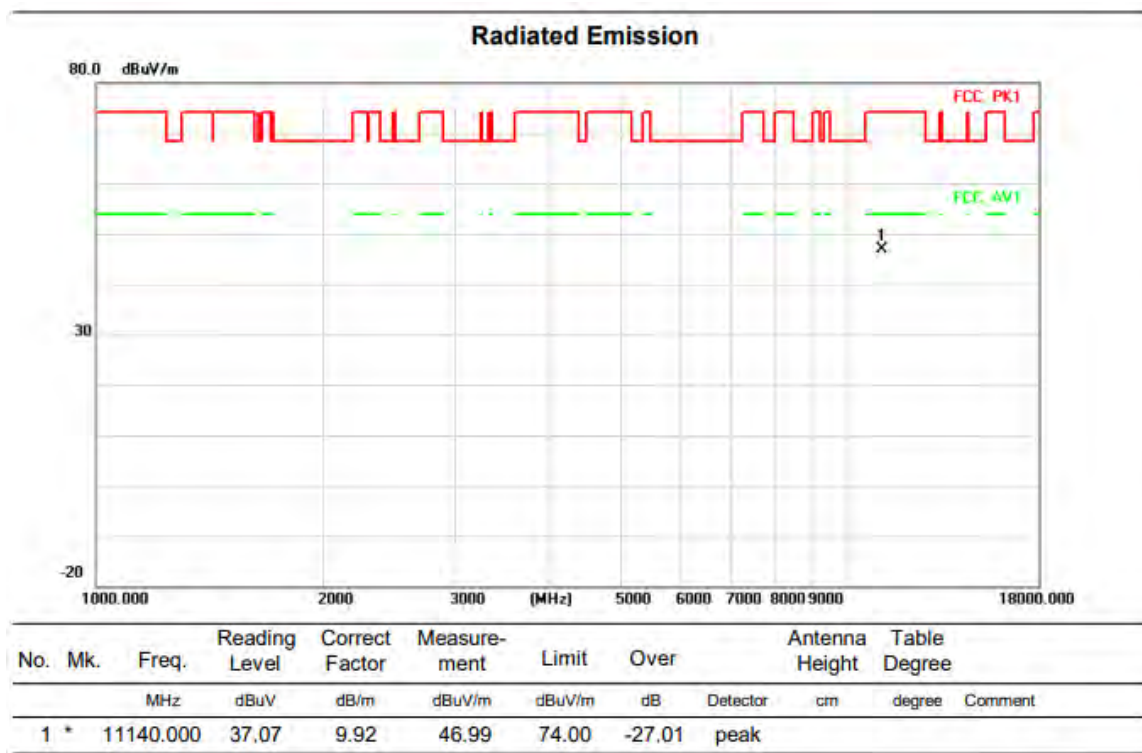


Above 1G (1GHz~18GHz)

Test mode: 11AC160MIMO

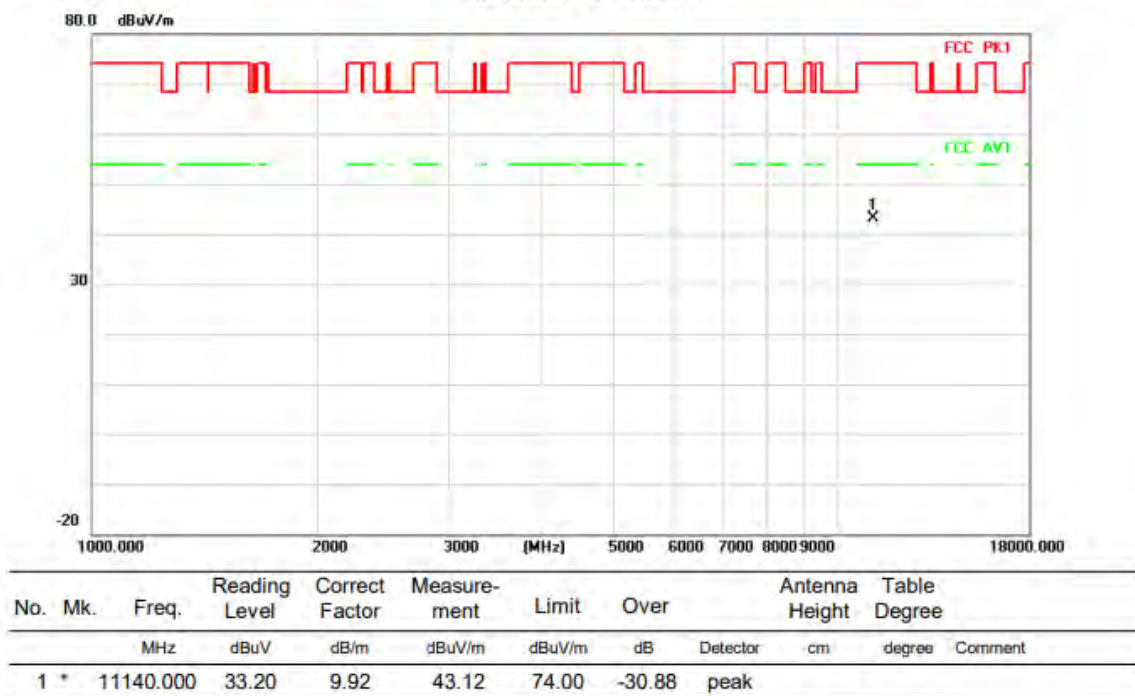
Test Channel:114

VERTICAL

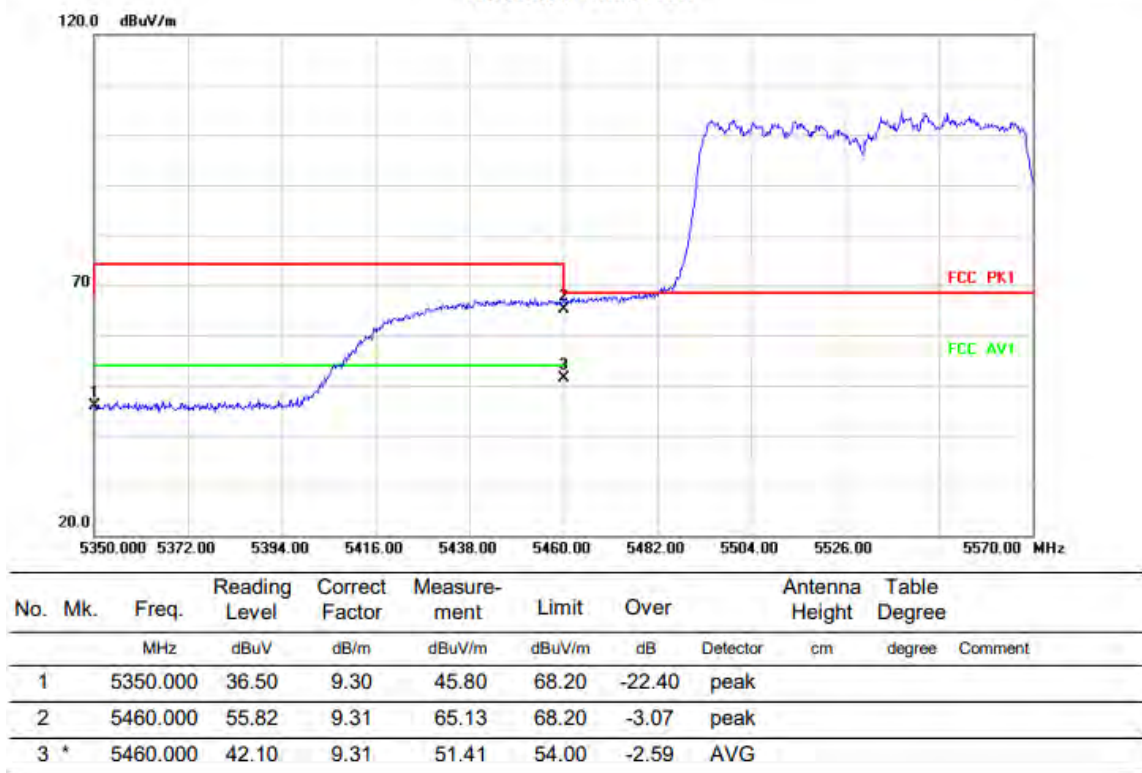


HORIZONTAL

Radiated Emission



Radiated Emission

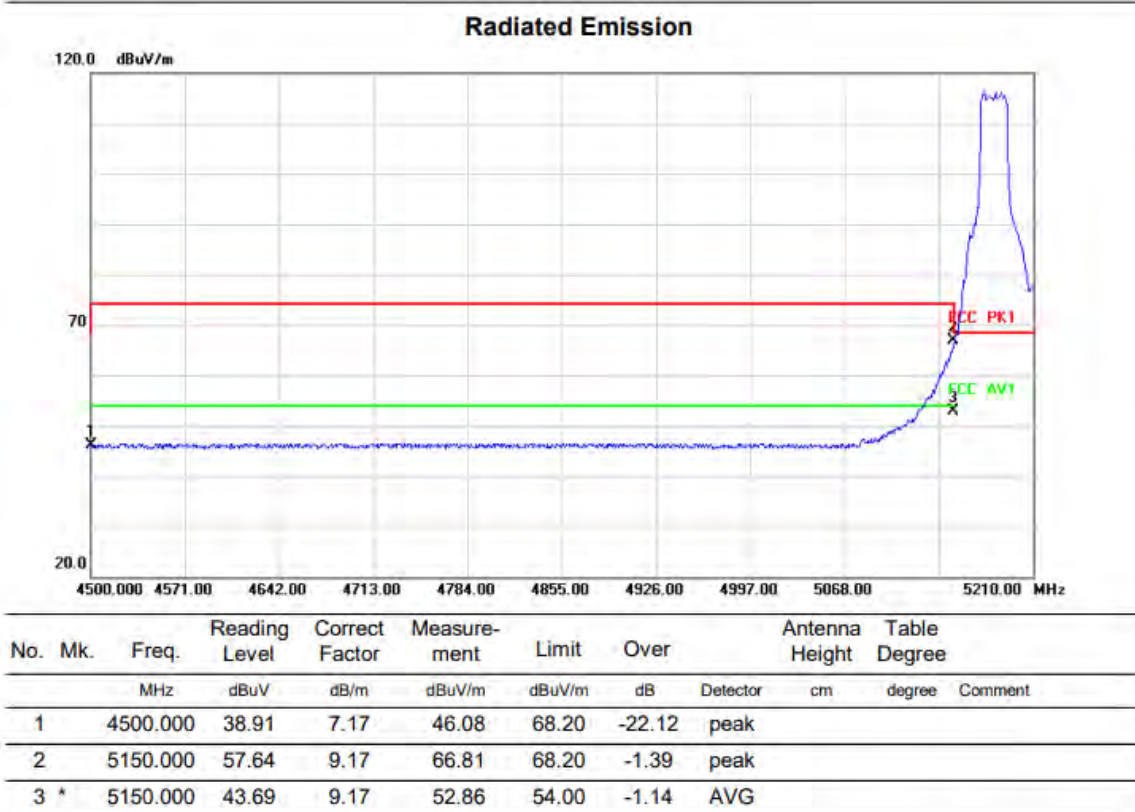
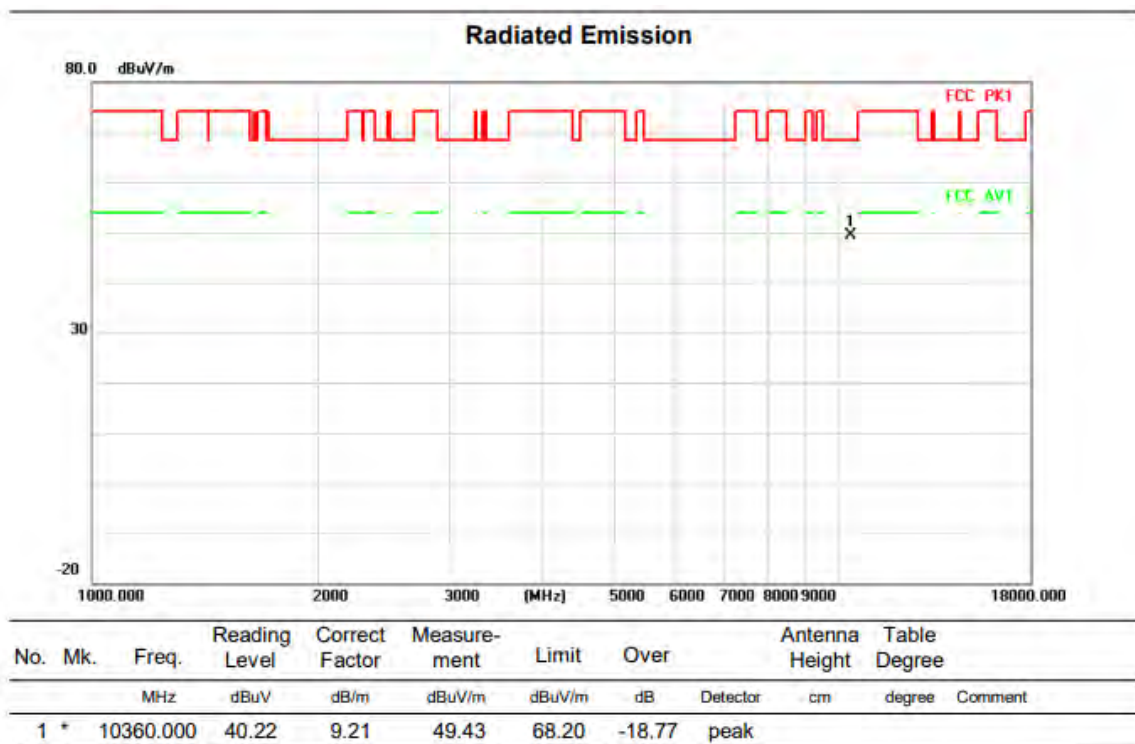


Above 1G (1GHz~18GHz)

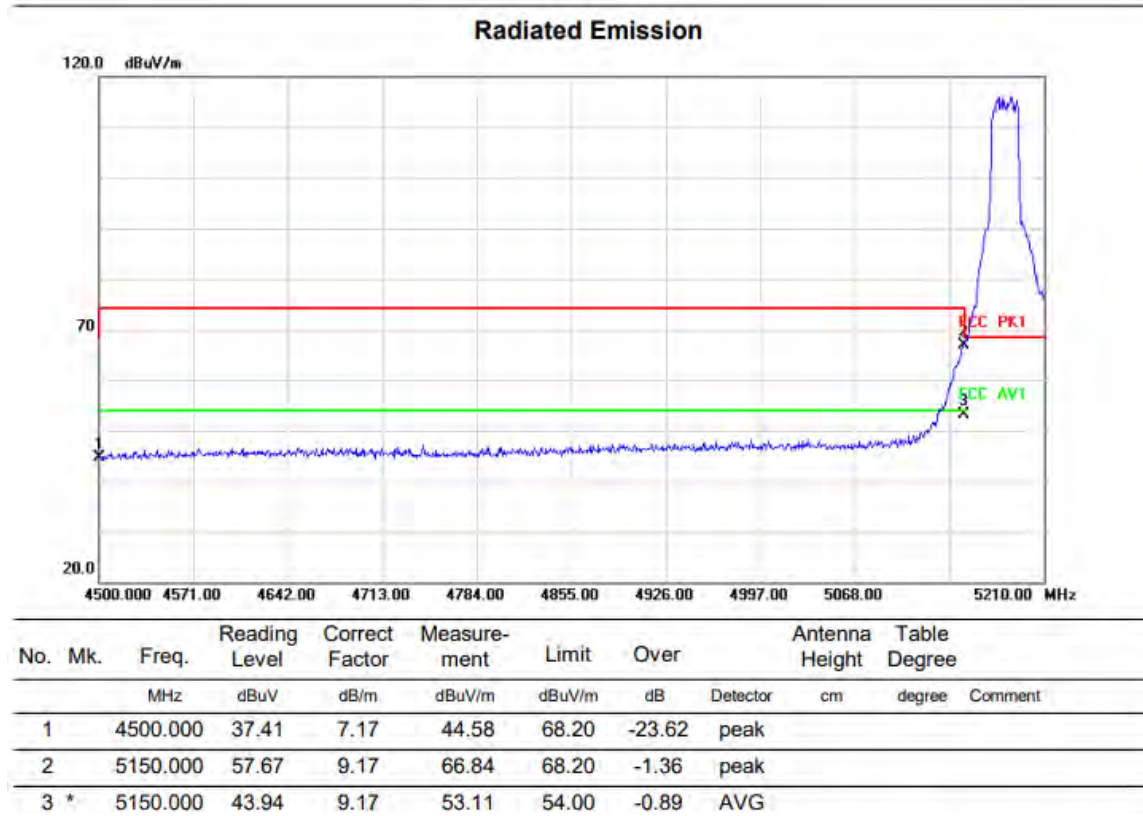
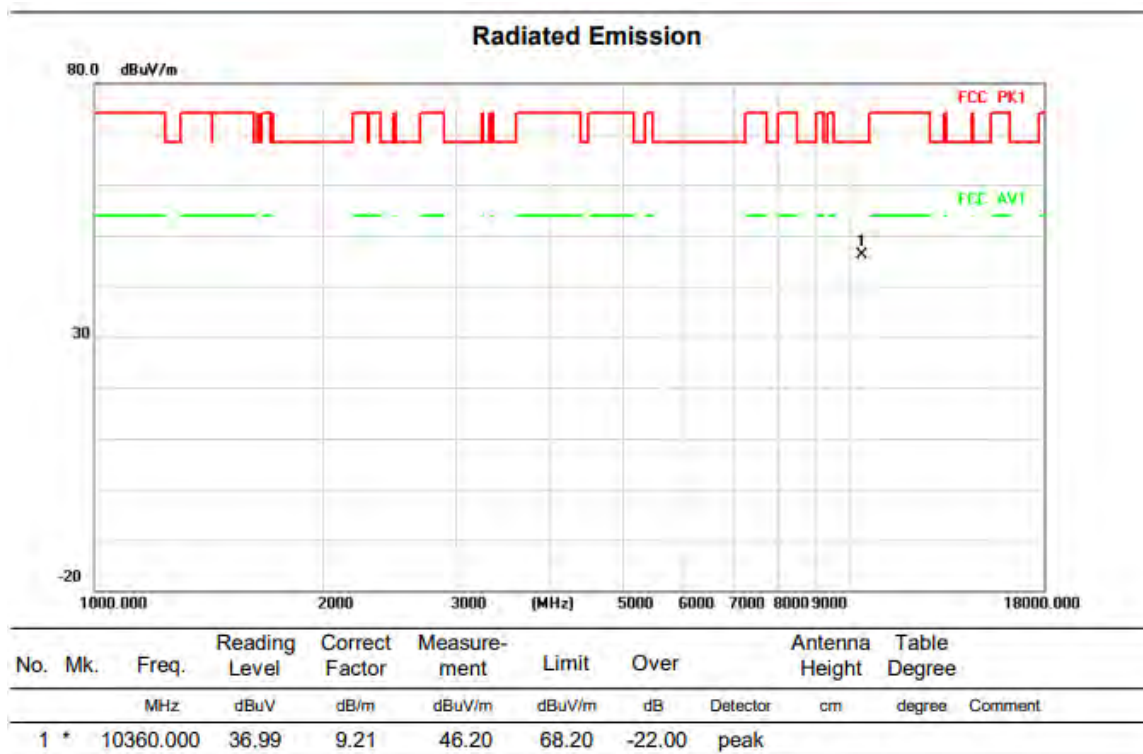
Test mode: 11AX20MIMO

Test Channel:36

VERTICAL



HORIZONTAL

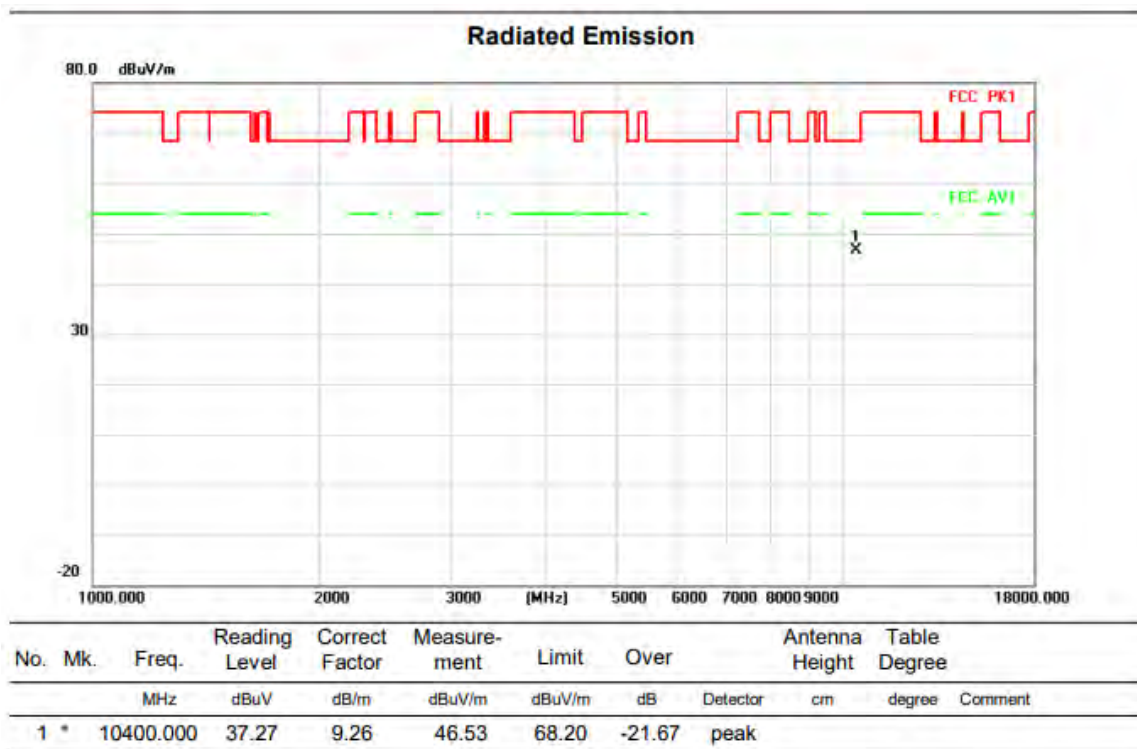


Above 1G (1GHz~18GHz)

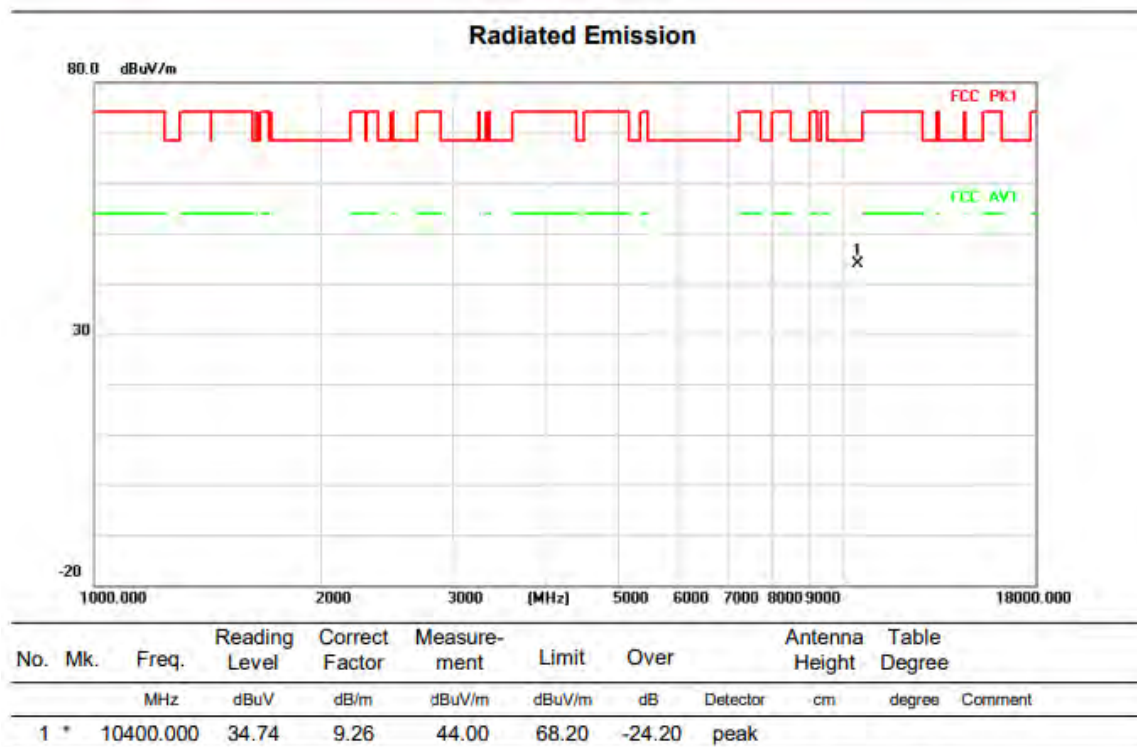
Test mode: 11AX20MIMO

Test Channel:40

VERTICAL



HORIZONTAL

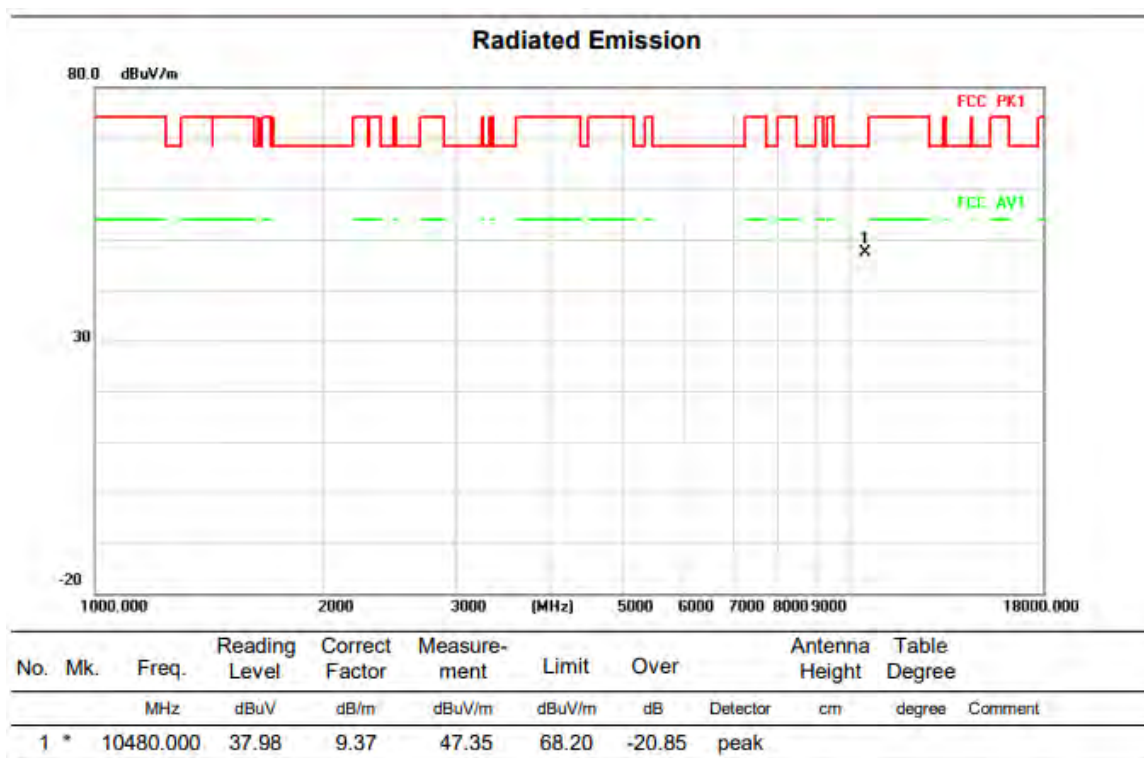


Above 1G (1GHz~18GHz)

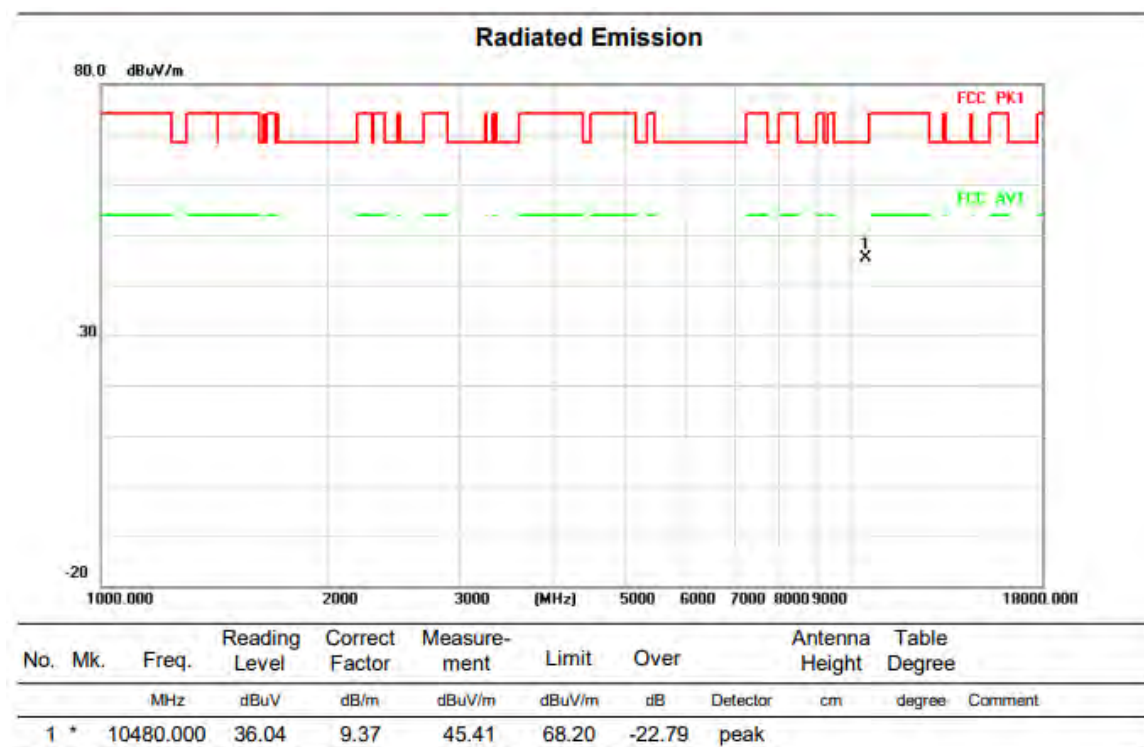
Test mode: 11AX20MIMO

Test Channel:48

VERTICAL



HORIZONTAL

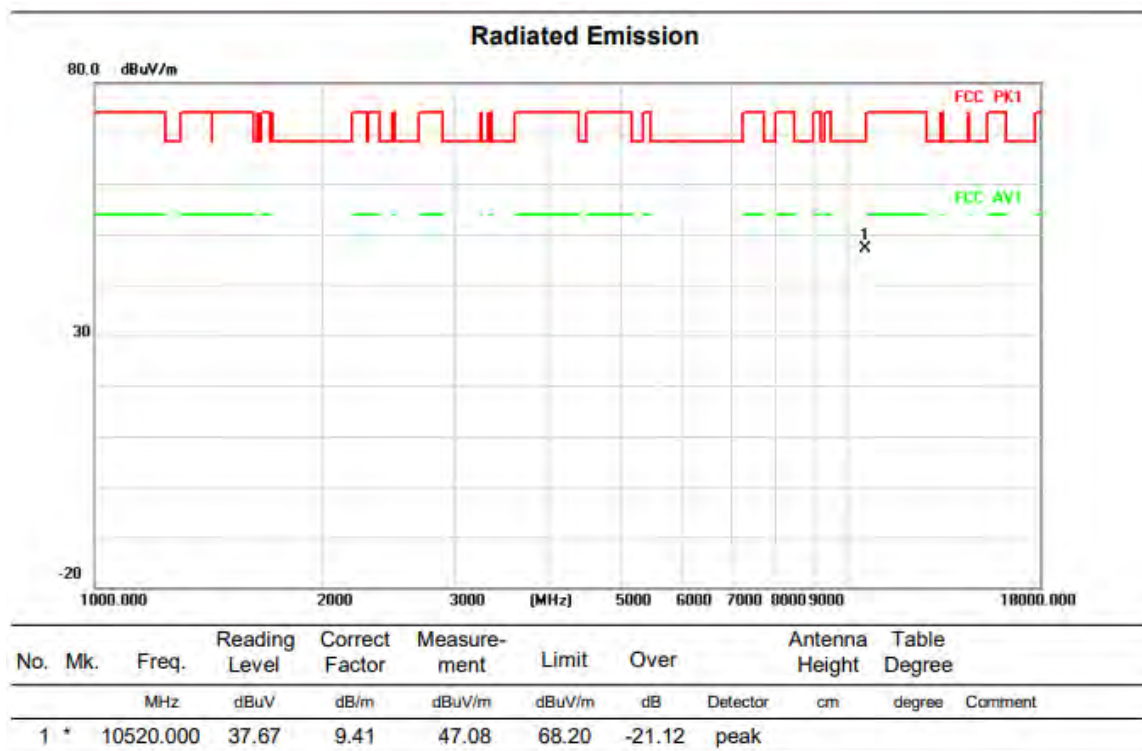


Above 1G (1GHz~18GHz)

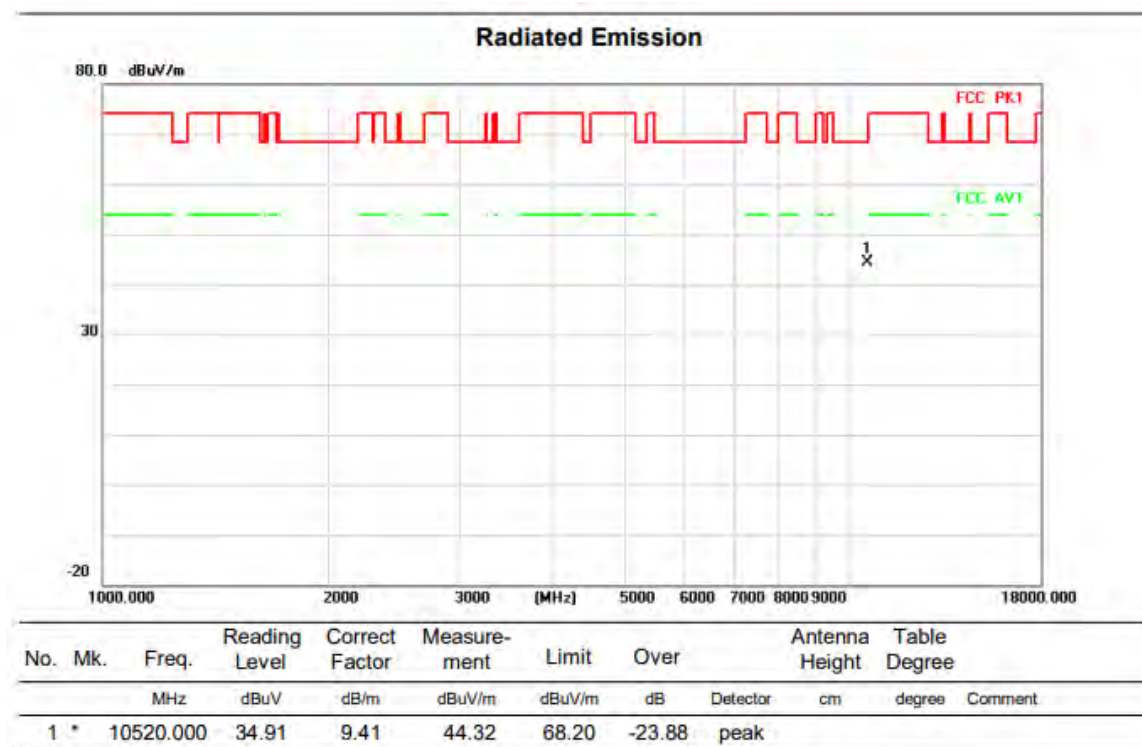
Test mode: 11AX20MIMO

Test Channel:52

VERTICAL



HORIZONTAL

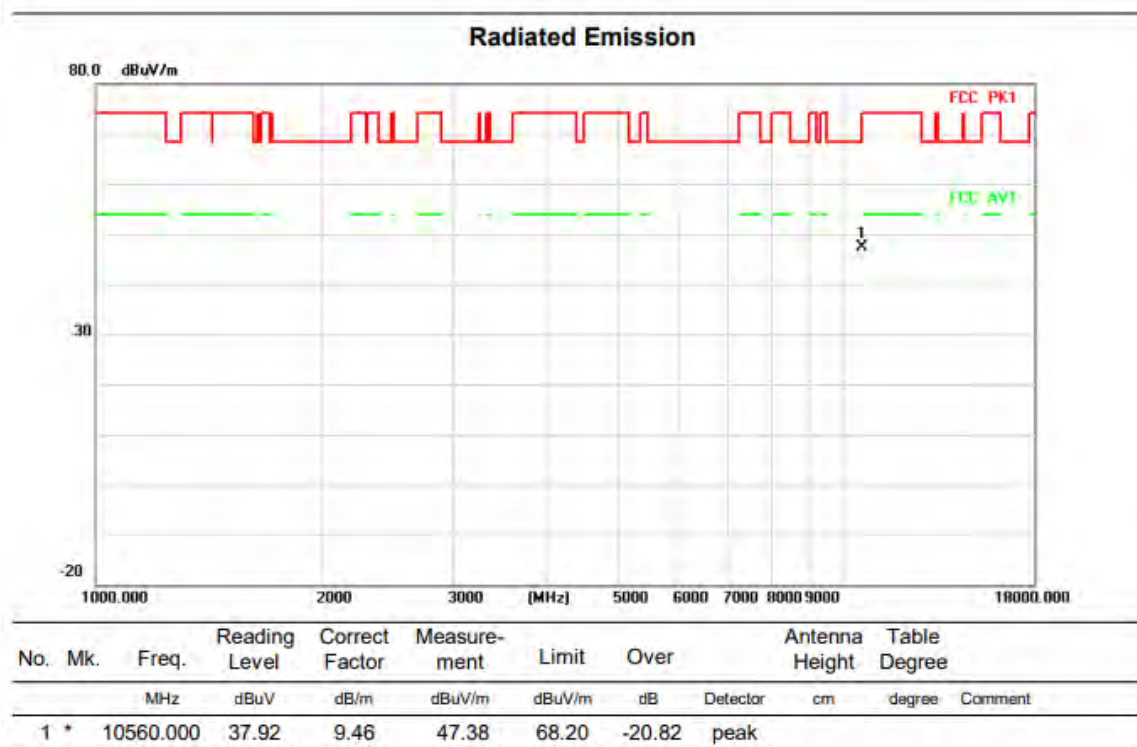


Above 1G (1GHz~18GHz)

Test mode: 11AX20MIMO

Test Channel:56

VERTICAL



HORIZONTAL

