RF TEST REPORT

FCC ID: 2AVFNLCE4121S

Test Report No……..:	RF231214003-02-002
Product(s) Name……...:	Mesh WIFI 6 AX3000 Router
Model(s)……..:	LCE4121S
Trade Mark……....:	X-Link
Applicant……..…:	Leax Arkivator Telecom USA Inc.
Address……..…...:	833 E Arapaho Rd. Suite 203 Richardson, TX 75081
Receipt Date……..:	2023.12.20
Test Date……....:	2023.12.22~2024.01.18
Issued Date……..…:	2024.01.18
Standards……..:	47 CFR FCC Part 15, Subpart E(Section 15.407); ANSI C63.10:2013
Testing Laboratory……:	Shenzhen Haiyun Standard Technical Co., Ltd.

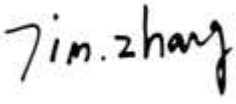
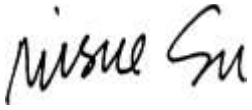
Prepared By:	Checked By:	Approved By:	
Black Ding	Tim Zhang	Misue Su	
			

Table of Contents

History of this test report

Original Report Issue Date: 2024.01.18

● No additional attachment

○ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. General Information

1.1 Applicant

Leax Arkivator Telecom USA Inc.

833 E Arapaho Rd. Suite 203 Richardson, TX 75081

1.2 Manufacturer

Leax Arkivator Telecom USA Inc.

833 E Arapaho Rd. Suite 203 Richardson, TX 75081

1.3 Basic Description of Equipment Under Test

Product No.	POC231214003-S002	
Equipment Name	Mesh WIFI 6 AX3000 Router	
Model Name	LCE4121S	
Trademark	X-Link	
Power Supply	DC 12V from adapter	
Adapter Information	Model: RD1201500-C55-198MG Input: 100-240V~ 50/60Hz 0.6A Max Output: DC 12V1.5A, 18W	
Operating Temperature	0℃-45℃	
EUT Stage	○ Product Unit	●Final-Sample
Operating Band & Max conducted power	5150MHz ~5250MHz	802.11a: 18.10dBm(0.065W)
	5250MHz ~5350MHz	802.11ac20: 17.94dBm(0.062W)
	5470MHz ~5725MHz	802.11n20: 18.21dBm(0.066W)
	5725MHz ~5850MHz	802.11n20: 18.51dBm(0.071W)
Product Type	IEEE 802.11a/n/ac/ax: WLAN (MIMO)	
Nominal Bandwidth	20MHz / 40MHz / 80MHz /160MHz	
Modulation	OFDM, OFDMA	
Antenna gain	Ant1: 1.84dBi, Ant2: 2.74dBi	
Antenna type	PCB Antenna	
Data Rate (Mbps)	IEEE 11a mode : 6/9/12/18/24/36/48/54 IEEE 11n mode : up to 300 IEEE 11ac mode : up to 1732 IEEE 11ax mode : up to 2402	
Type of Device	Master device (Indoor AP for 5150MHz~5250MHz)	
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.

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				
●	802.11ac(160MHz)	Operating mode	○	1TX	●	2TX	○	3TX				
●	802.11ax(20MHz)	Operating mode	○	1TX	●	2TX	○	3TX				
●	802.11ax(40MHz)	Operating mode	○	1TX	●	2TX	○	3TX				
●	802.11ax(80MHz)	Operating mode	○	1TX	●	2TX	○	3TX				
●	802.11ax(160MHz)	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	Note
Spectrum Bandwidth	15.407(a) 15.407(e)	Pass	Meet the requirement of the limit
Conducted Output Power	15.407(a)	Pass	Meet the requirement of the limit
Power Spectral Density	15.407(a)	Pass	Meet the requirement of the limit
Dynamic Frequency Selection (DFS)	15.407(h)	Pass	See the report RF231214003-02-003 for details
Note: The EUT has 2 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-1273	2023/5/4	2024/5/3
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	2023/7/16	2024/7/15
6	Log periodic antenna	Schwarzbeck	VULB 9168	1151	2023/5/4	2024/5/3
7	Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1273	2022/5/5	2025/5/4
8	Horn Antenna	Schwarzbeck	BBHA 9170	9170#685	2023/7/16	2024/7/15
9	Temp&Humidity Recorder	Meideshi	JR900	/	2023/5/3	2024/5/2
10	RF cable(966 chamber)9kHz-1GHz	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 Ver.TW-03A2			
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 Ver.TW-03A2			
RF Conducted Emission						
1	MXA Signal Analyzer	Keysight	N9021B	MY60080169	2023/4/23	2024/4/22
2	RF Control Unit	dsusoft	JS0806-2	21G8060449	2023/4/23	2024/4/22
3	power supply unit	dsusoft	JS0806-4ADC	N/A	2023/4/23	2024/4/22
4	VXG Signal Generator	Keysight	M9384B	MY61270787	2023/4/23	2024/4/22
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	2023/4/23	2024/4/22
6	Test software	dsusoft	JS1120-3 Ver.3.2.22.0			

2.4 Operation Mode

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

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	Henry Huang
Conducted Power	24.4°C, 53% RH	DC 12V	Henry Huang
Power Spectral Density	24.4°C, 53% RH	DC 12V	Henry Huang
Dynamic Frequency Selection (DFS)	24.3°C, 55% RH	DC 12V	Henry Huang

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

The applicant declare the operating environment of EUT as below:

Normal conditions: 12V DC, 0~45°C

2.6 Duty Cycle of Test Signal

If duty cycle is ≥ 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	1.98	2.11	93.84
11N20MIMO	Ant1	5180	5.44	5.95	91.43
11N40MIMO	Ant1	5190	5.44	5.92	91.89
11AC20MIMO	Ant1	5180	5.42	5.93	91.40
11AC40MIMO	Ant1	5190	5.42	5.92	91.55
11AC80MIMO	Ant1	5210	5.42	5.95	91.09
11AC160MIMO	Ant1	5570	5.43	6.06	89.60
11AX20MIMO	Ant1	5180	5.45	6.04	90.23
11AX40MIMO	Ant1	5190	5.43	5.94	91.41
11AX80MIMO	Ant1	5210	5.45	6.03	90.38
11AX160MIMO	Ant1	5250	5.45	5.99	90.98

Test Graphs

11A-CDD_Ant1_5180

11N20MIMO_Ant1_5180

11N40MIMO_Ant1_5190


11AC20MIMO_Ant1_5180

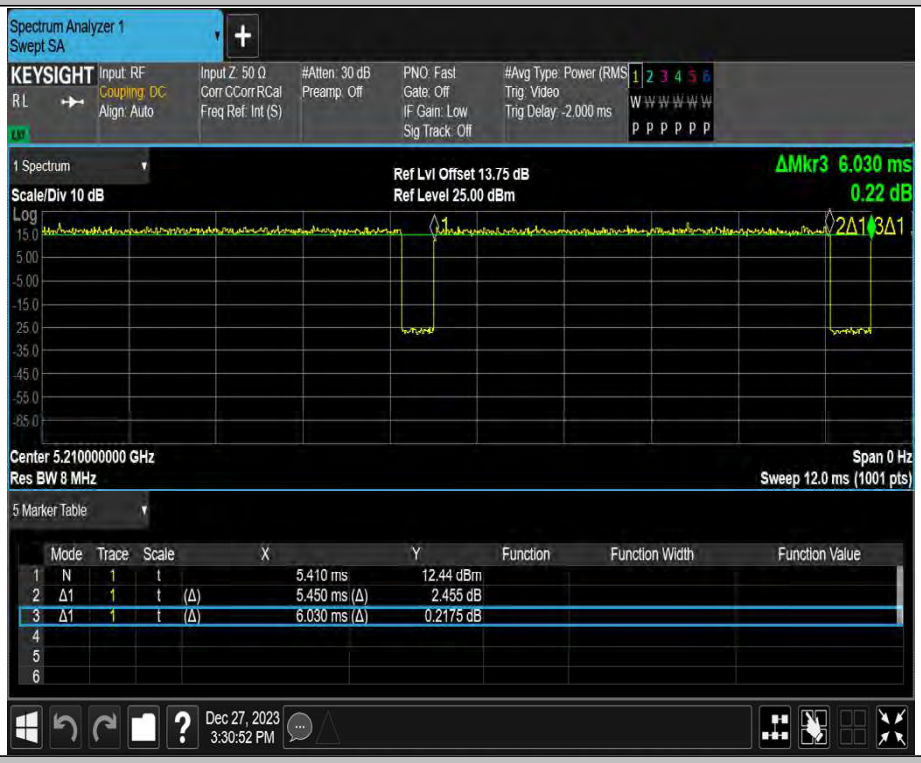
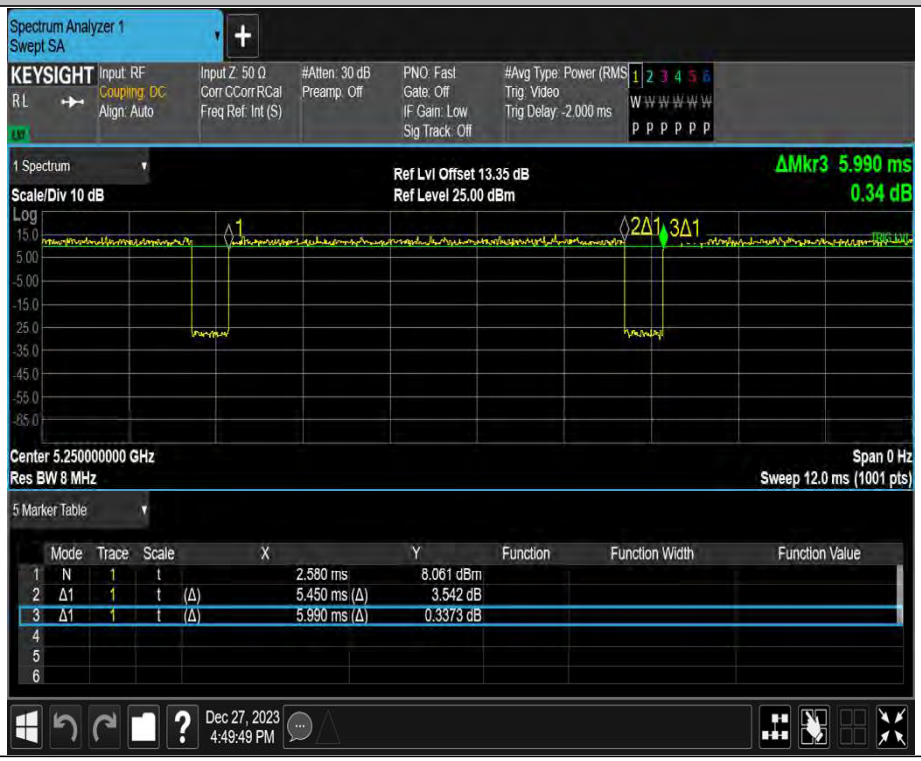
11AC40MIMO_Ant1_5190


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	±143.88kHz
Power Spectral Density	±0.743dB
Conducted Spurious Emission	±1.328dB
RF power conducted	±0.384dB
Conducted emission(9kHz~30MHz) AC main	±2.72dB
Radiated emission(9kHz~30MHz)	±2.66dB
Radiated emission (30MHz~1GHz)	±4.62dB
Radiated emission (1GHz~18GHz)	±4.86dB
Radiated emission (18GHz~40GHz)	±3.80dB

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

None

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(μV)	Average Level dB(μV)
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

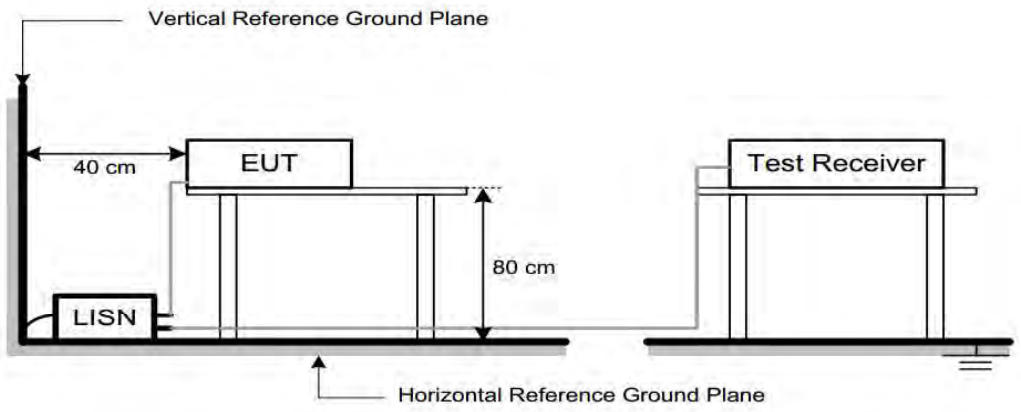
Test Method	
●Conducted Measurement	○Radiated Measurement
Test Channels	
○ Lowest, Middle and Highest Channel	○ Lowest and Highest Channel
Environmental conditions	
●Normal	○Normal and Extreme
Note:●:Test ○:No Test	

a) 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.

b) Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c) The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

3.1.3 Test Setup



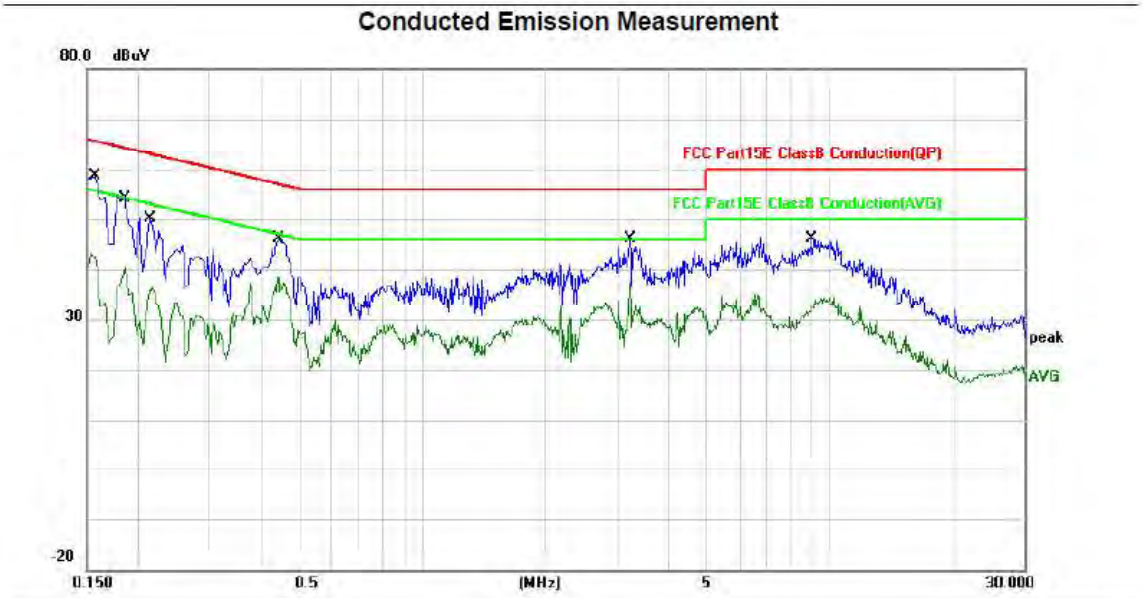
3.1.4 Test Result

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 N40MIMO Mode Channel 38 is found to be the worst case and recorded.

150kHz~30MHz	TX N40MIMO Channel 38

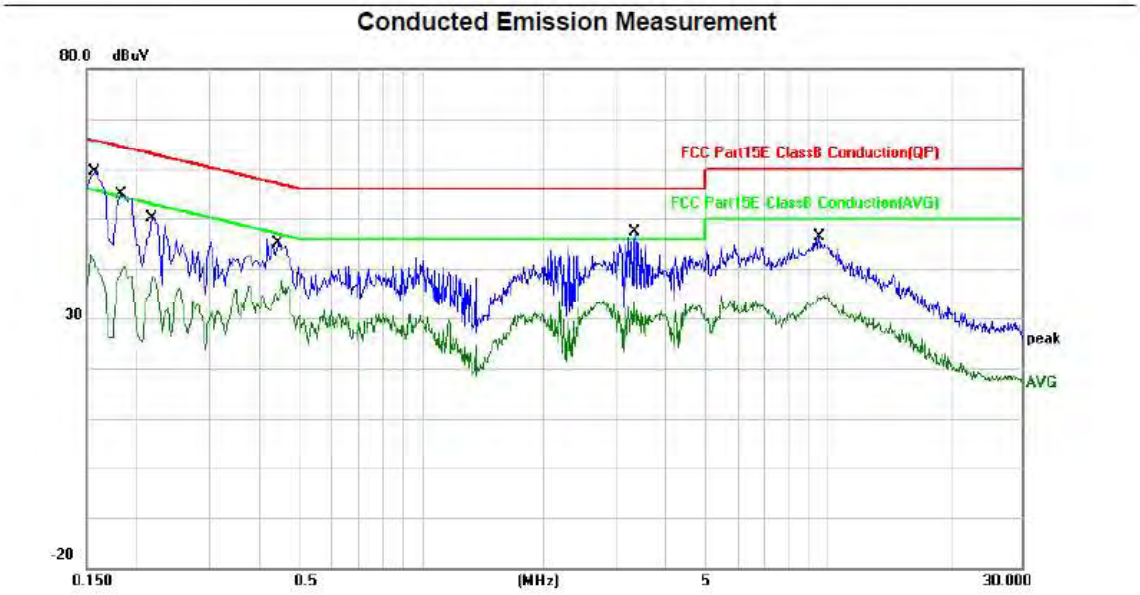
Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	35.42	20.07	55.49	65.57	-10.08	QP	
2		0.1580	19.78	20.07	39.85	55.57	-15.72	AVG	
3		0.1860	30.98	20.05	51.03	64.21	-13.18	QP	
4		0.1860	18.10	20.05	38.15	54.21	-16.06	AVG	
5		0.2140	26.14	19.99	46.13	63.05	-16.92	QP	
6		0.2140	14.53	19.99	34.52	53.05	-18.53	AVG	
7		0.4460	22.52	20.29	42.81	56.95	-14.14	QP	
8		0.4460	15.39	20.29	35.68	46.95	-11.27	AVG	
9		3.2380	14.76	20.18	34.94	56.00	-21.06	QP	
10		3.2380	7.38	20.18	27.56	46.00	-18.44	AVG	
11		8.9740	17.48	20.12	37.60	60.00	-22.40	QP	
12		8.9740	10.30	20.12	30.42	50.00	-19.58	AVG	

150kHz~30MHz	TX N40MIMO Channel 38

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1580	36.22	20.28	56.50	65.57	-9.07	QP	
2		0.1580	21.39	20.28	41.67	55.57	-13.90	AVG	
3		0.1825	31.32	20.29	51.61	64.37	-12.76	QP	
4		0.1825	17.49	20.29	37.78	54.37	-16.59	AVG	
5		0.2180	26.50	20.24	46.74	62.89	-16.15	QP	
6		0.2180	16.08	20.24	36.32	52.89	-16.57	AVG	
7		0.4460	21.22	20.14	41.36	56.95	-15.59	QP	
8		0.4460	13.79	20.14	33.93	46.95	-13.02	AVG	
9		3.3540	20.06	20.19	40.25	56.00	-15.75	QP	
10		3.3540	10.65	20.19	30.84	46.00	-15.16	AVG	
11		9.5460	19.49	20.11	39.60	60.00	-20.40	QP	
12		9.5460	13.00	20.11	33.11	50.00	-16.89	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	
		μV/m	dB(μV)/m
0.009 – 0.49	300	2400/F(kHz)	-
0.490 – 1.705	30	24000/F(kHz)	-
1.705 – 30	30	30	-
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) Emission level dBμV = 20 log Emission level μV/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(dBμV/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[dBμV/m]=EIRP[dBm] +95.2, for d=3m

(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.

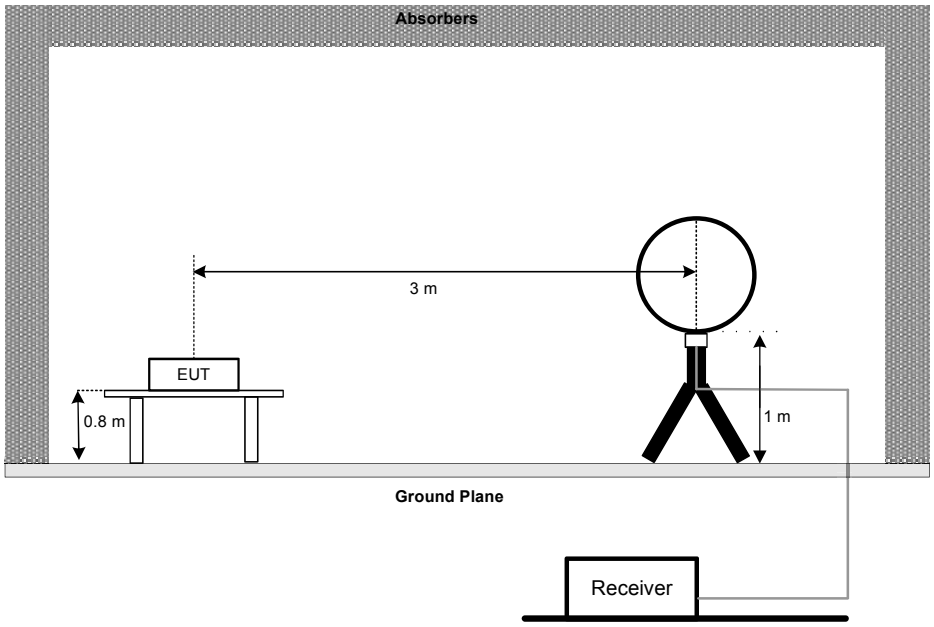
j) The following table is the setting of the receiver:

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

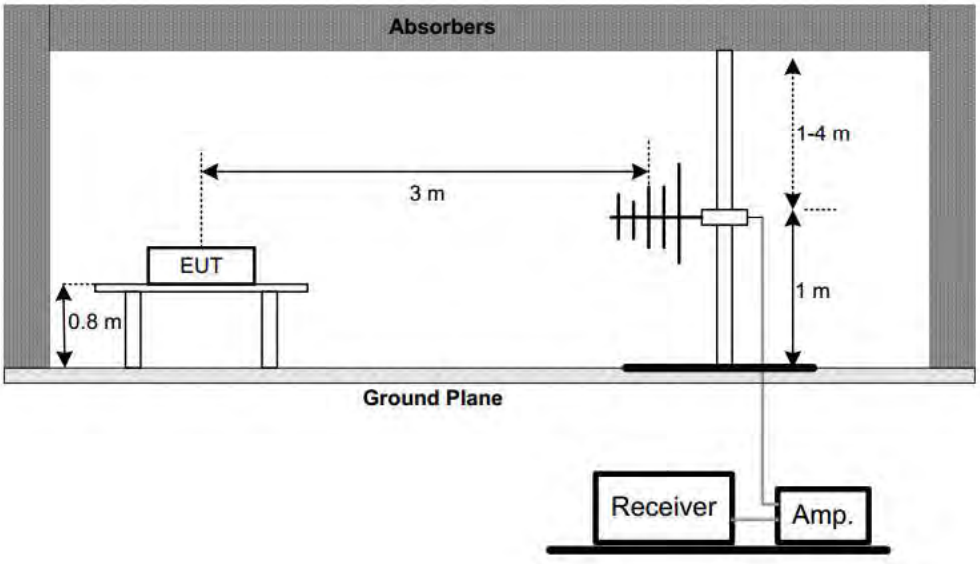
Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

3.2.3 Test Setup

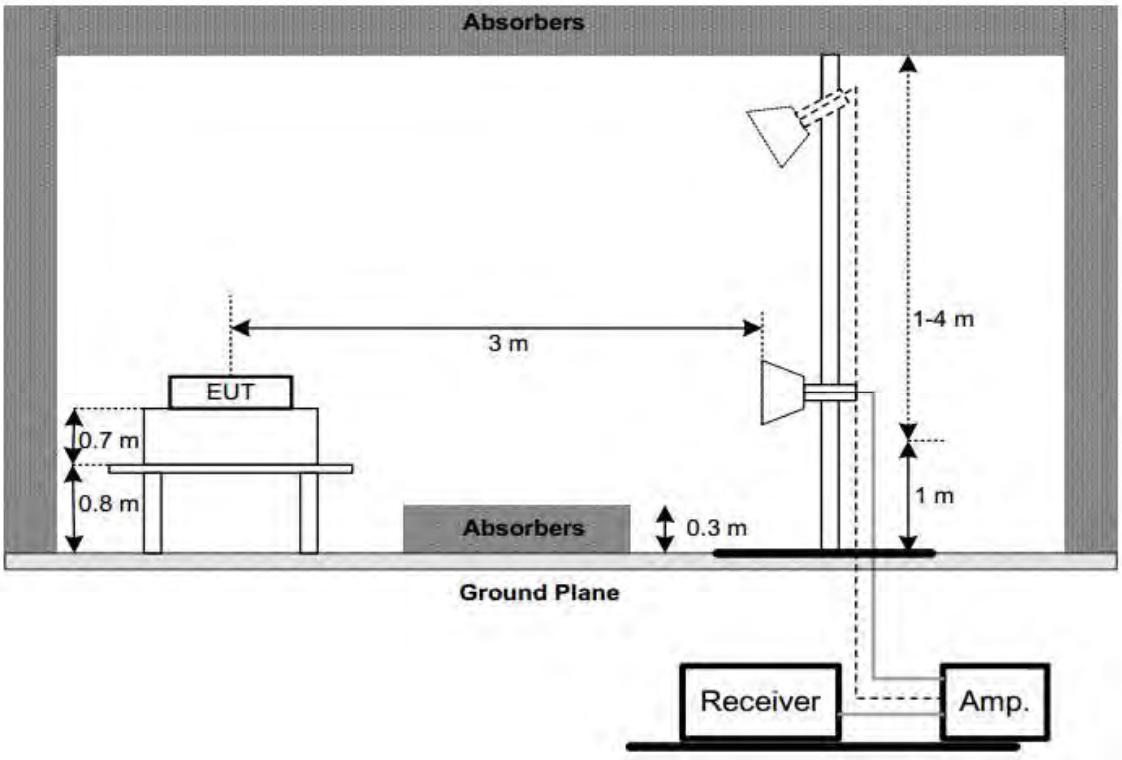
(A) Radiated Emission Test Set-Up Frequency Below 30 MHz



(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.

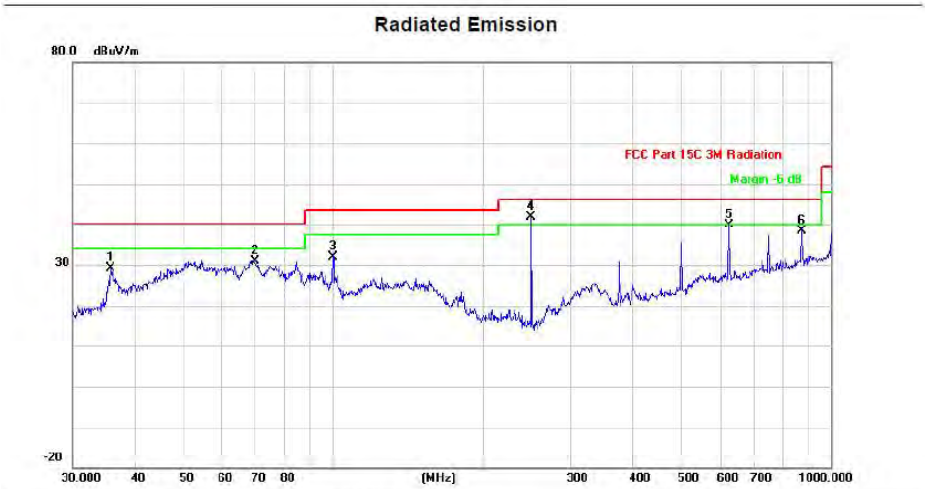
2) Radiated emission: 30MHz-1G

Note:

1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit
3. The TX N40MIMO Mode Channel 38 is found to be the worst case and recorded.

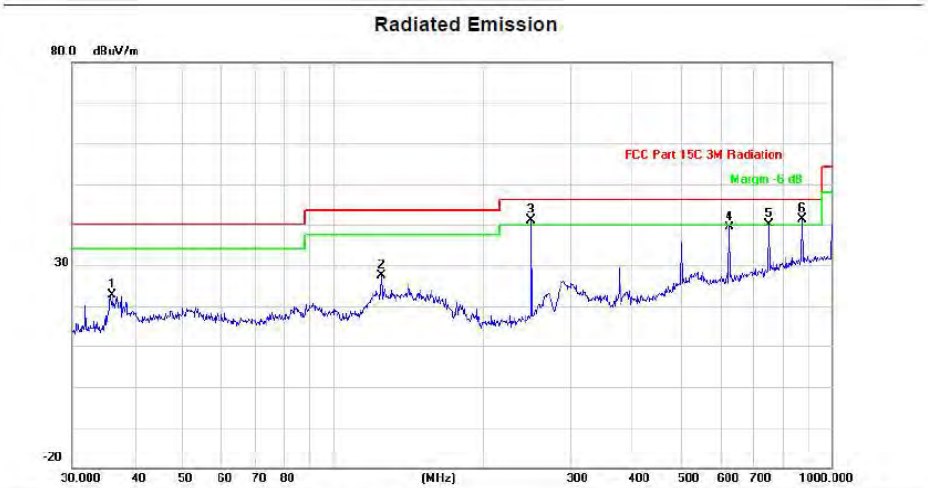
Below 1G (30MHz~1GHz)	TX N40MIMO Channel 38

VERTICAL



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	Comment
1		35.7490	39.38	-10.27	29.11	40.00	-10.89	peak			
2		69.8450	42.82	-11.89	30.93	40.00	-9.07	peak			
3		99.8777	44.50	-12.71	31.79	43.50	-11.71	peak			
4	*	250.3010	52.63	-10.76	41.87	46.00	-4.13	peak			
5		625.0780	40.87	-0.93	39.94	46.00	-6.06	peak			
6		875.2470	35.14	3.26	38.40	46.00	-7.60	peak			

HORIZONTAL



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	Comment
1		36.1272	32.78	-10.23	22.55	40.00	-17.45	peak			
2		125.0066	37.12	-9.83	27.29	43.50	-16.21	peak			
3	!	250.3012	51.81	-10.76	41.05	46.00	-4.95	peak			
4		625.0780	40.41	-0.93	39.48	46.00	-6.52	peak			
5	!	750.1083	39.08	1.04	40.12	46.00	-5.88	peak			
6	*	875.2470	38.03	3.26	41.29	46.00	-4.71	peak			

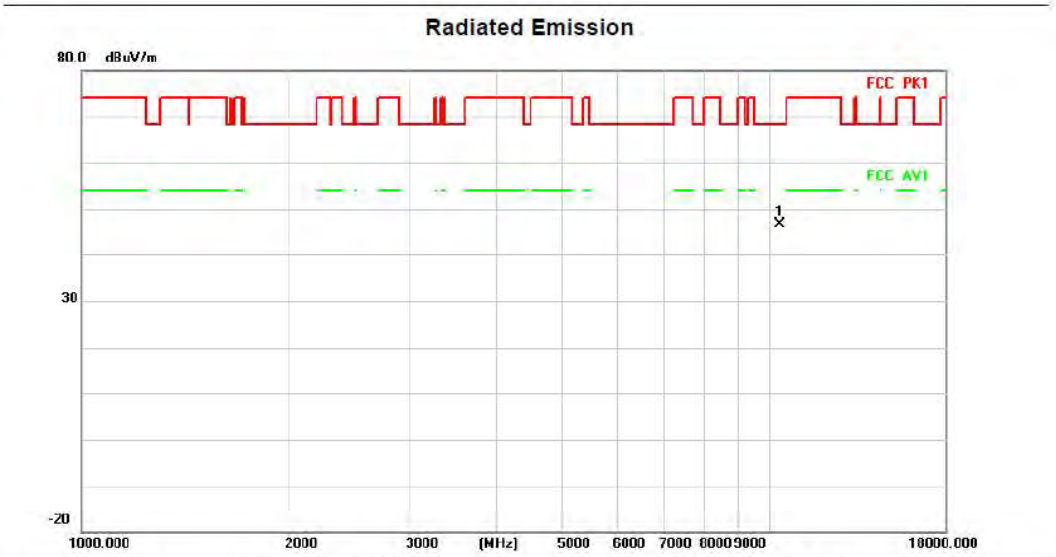
3) Radiated emission: Above 1G

Note:

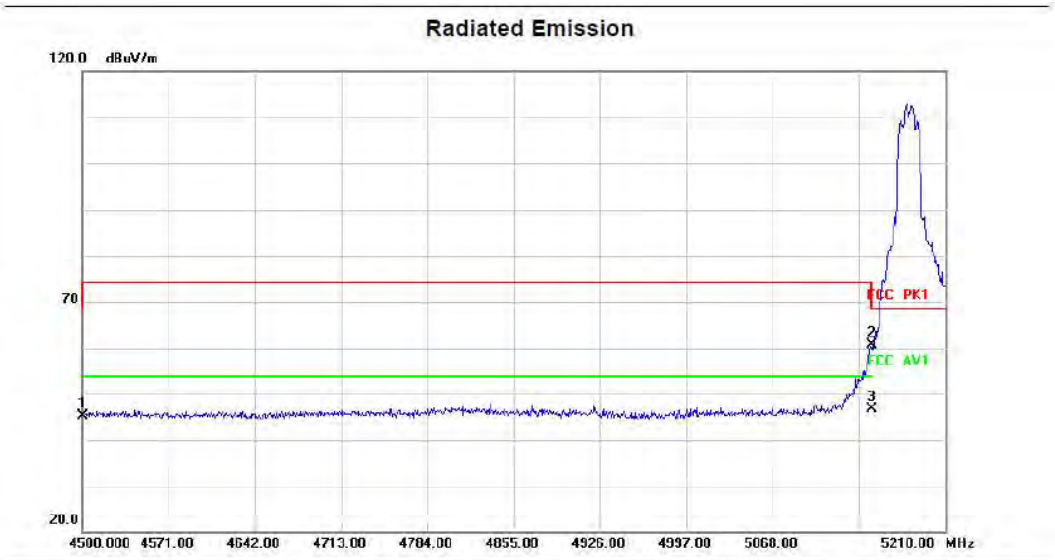
1. Measurement = Reading + Correct Factor.
2. Over = Measurement – Limit

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

VERTICAL



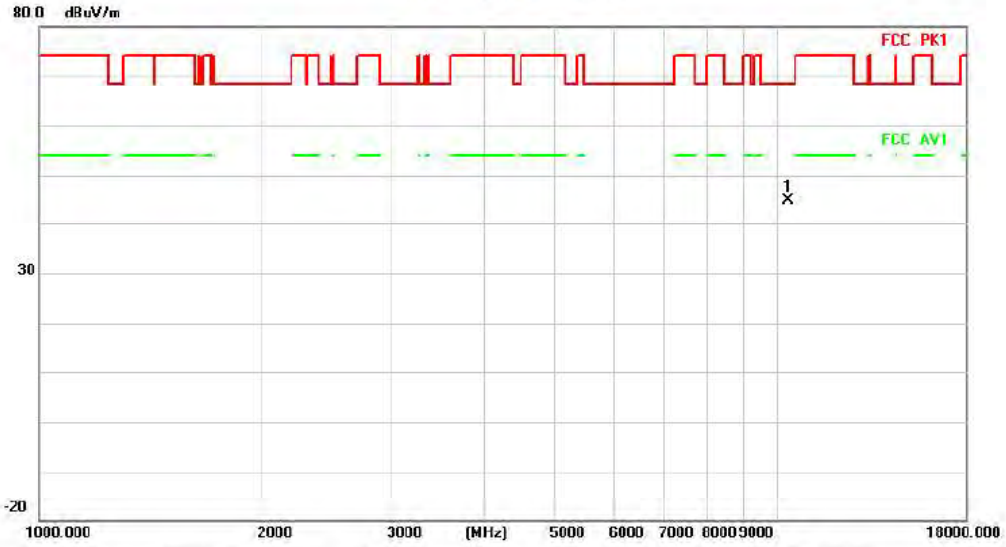
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	39.66	7.05	46.71	68.20	-21.49	peak			



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	Comment
1		4500.000	41.19	3.85	45.04	68.20	-23.16	peak			
2		5150.000	54.96	5.62	60.58	68.20	-7.62	peak			
3	*	5150.000	40.99	5.62	46.61	54.00	-7.39	AVG			

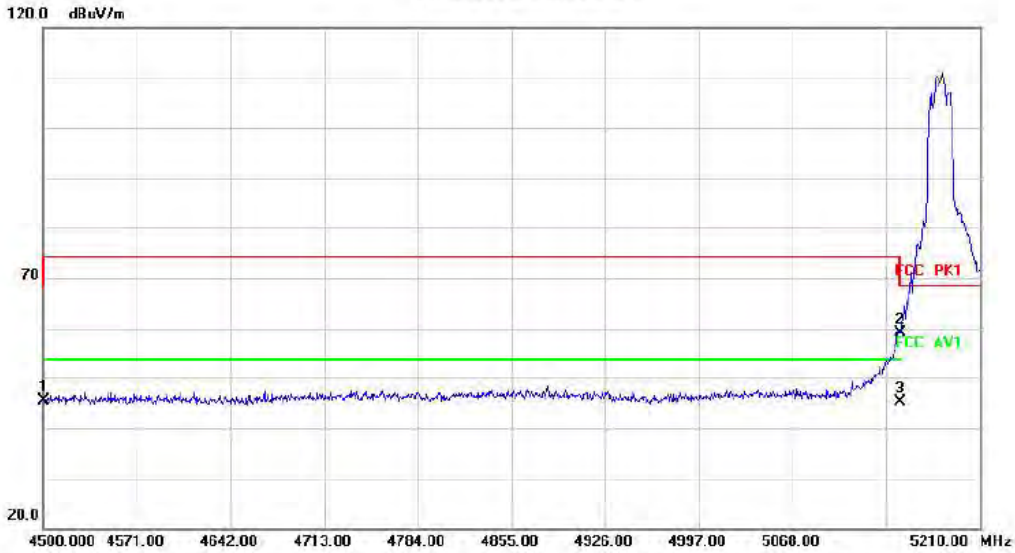
HORIZONTA

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	Comment
1	*	10360.000	37.95	7.05	45.00	68.20	-23.20	peak			

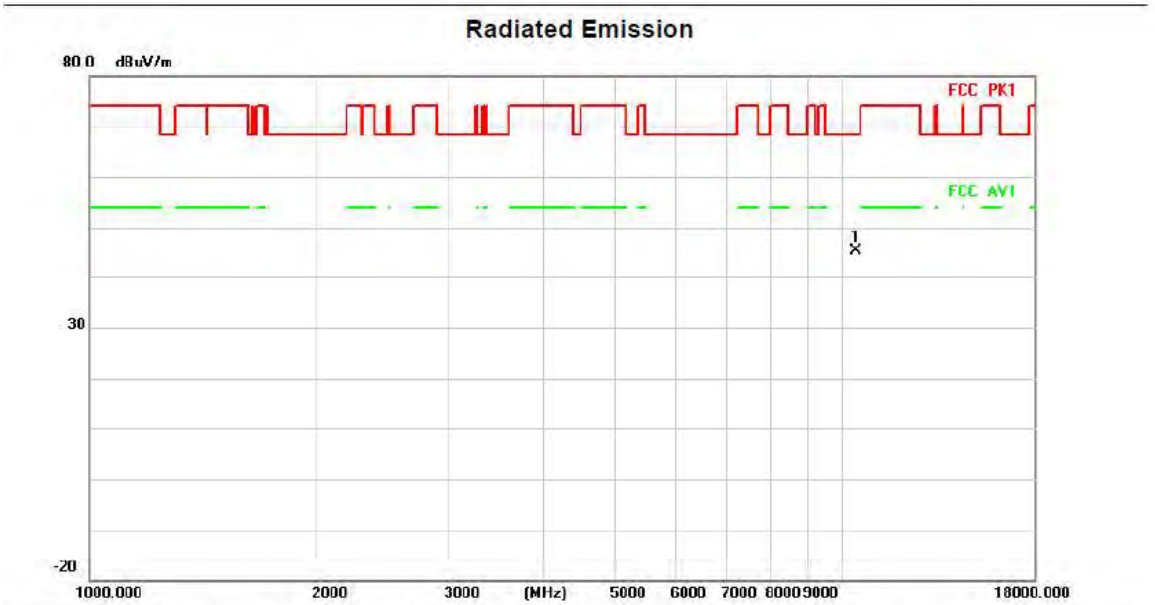
Radiated Emission



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	Comment
1		4500.000	41.54	3.85	45.39	68.20	-22.81	peak			
2		5150.000	53.42	5.62	59.04	68.20	-9.16	peak			
3	*	5150.000	39.62	5.62	45.24	54.00	-8.76	AVG			

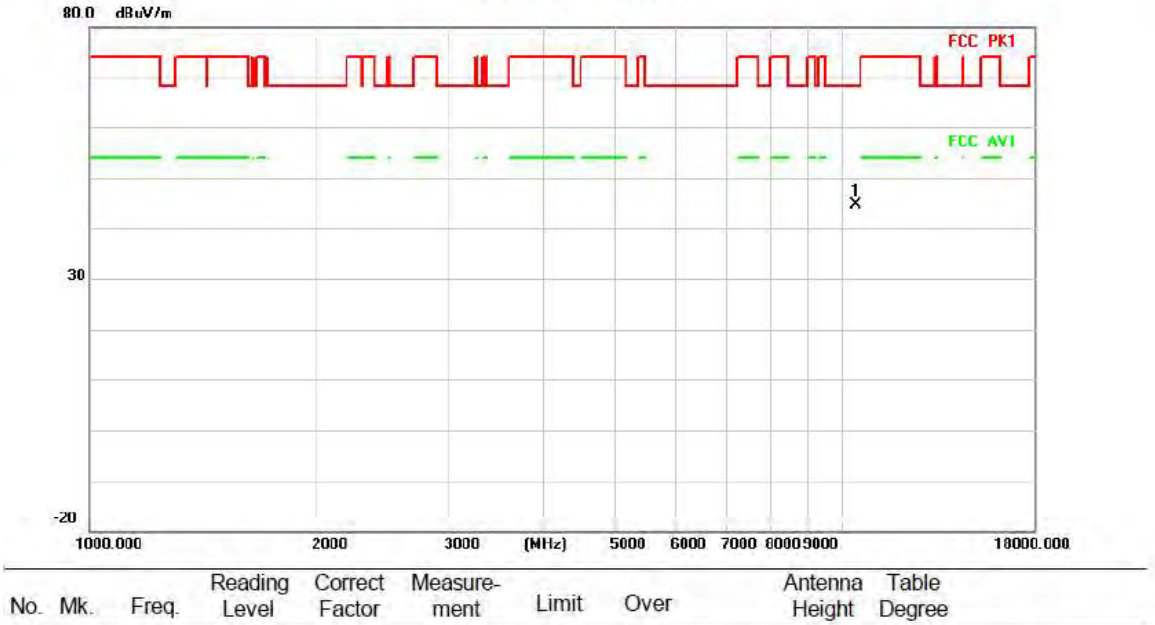
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:40

VERTICAL



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	Comment
1	*	10400.000	38.90	6.55	45.45	68.20	-22.75	peak			

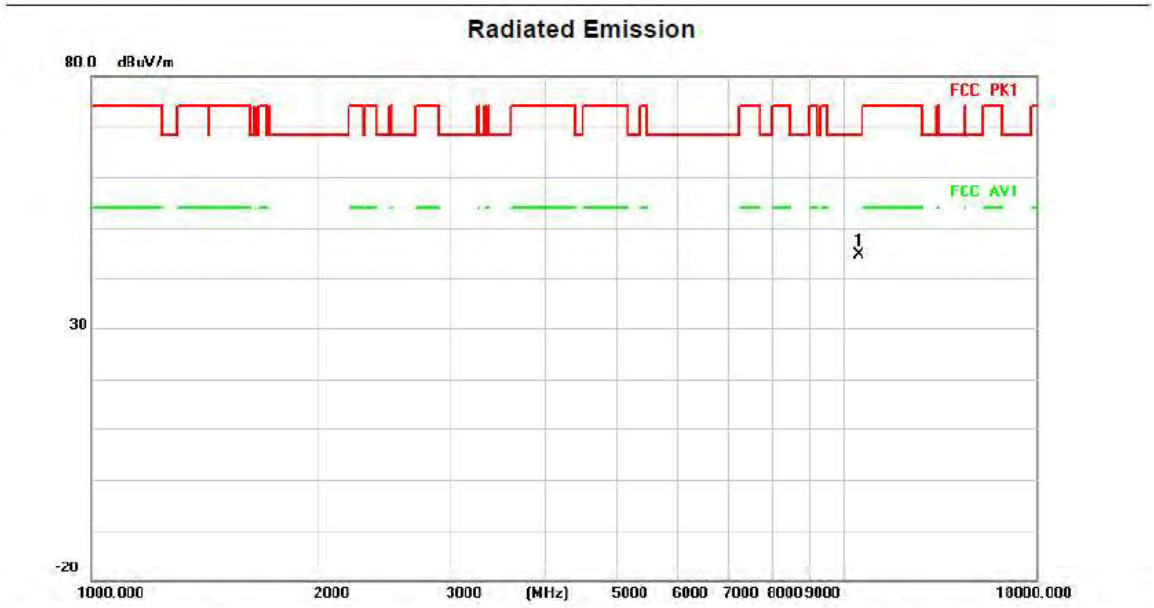
HORIZONTA



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	Comment
1	*	10400.000	38.11	6.55	44.66	68.20	-23.54	peak			

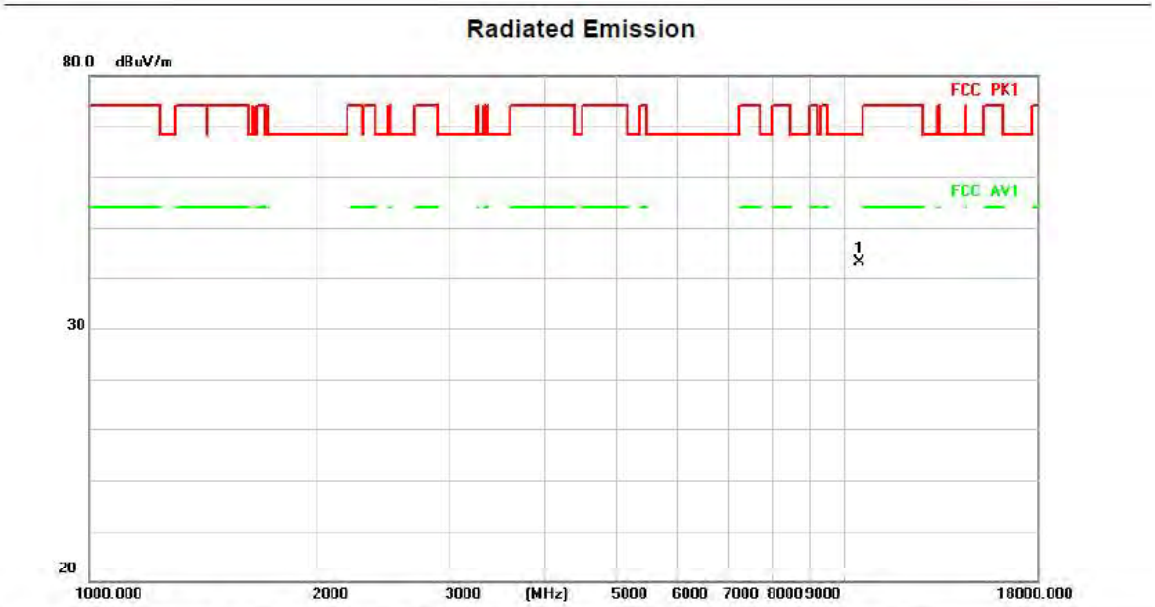
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:48

VERTICAL



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	Comment
1	*	10480.000	38.22	6.47	44.69	68.20	-23.51	peak			

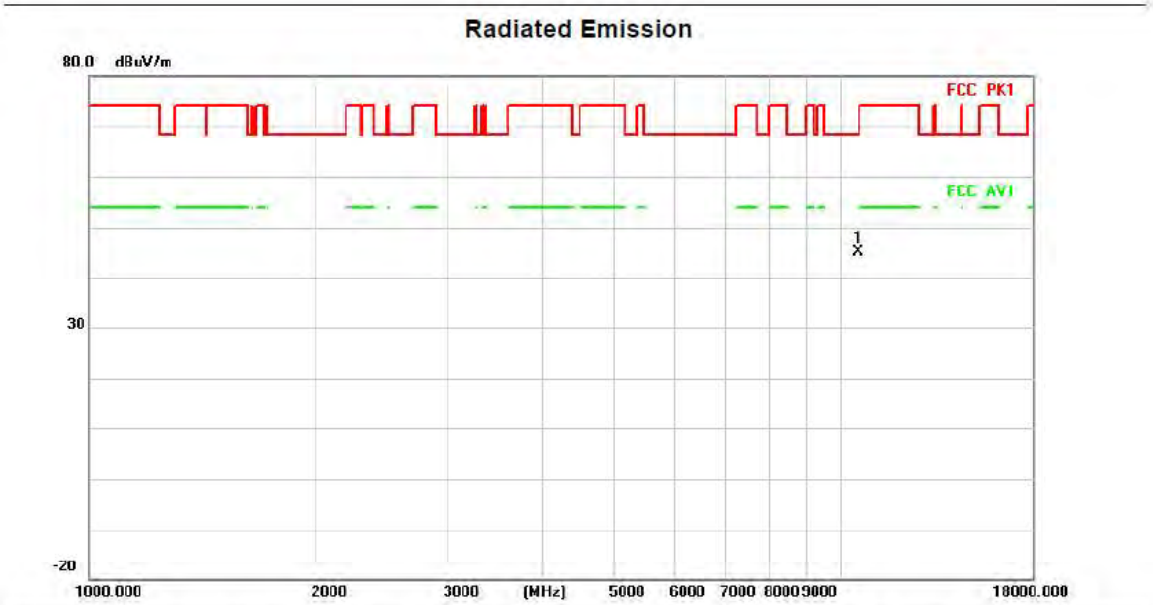
HORIZONTA



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	Comment
1	*	10480.000	36.62	6.47	43.09	68.20	-25.11	peak			

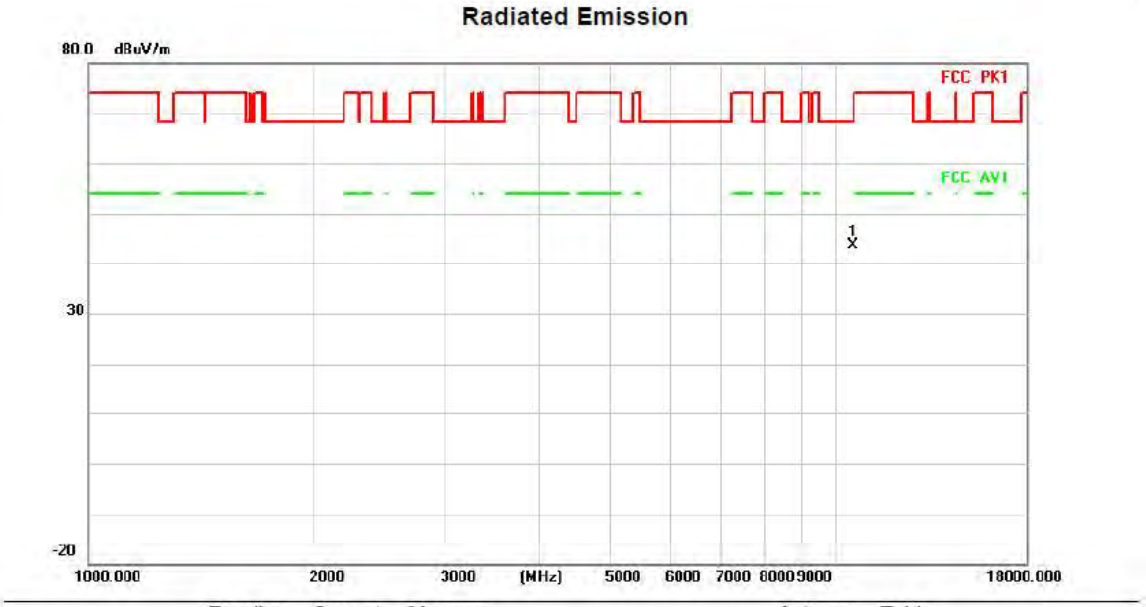
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:52

VERTICAL



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	Comment
1	*	10520.000	38.77	6.30	45.07	68.20	-23.13	peak			

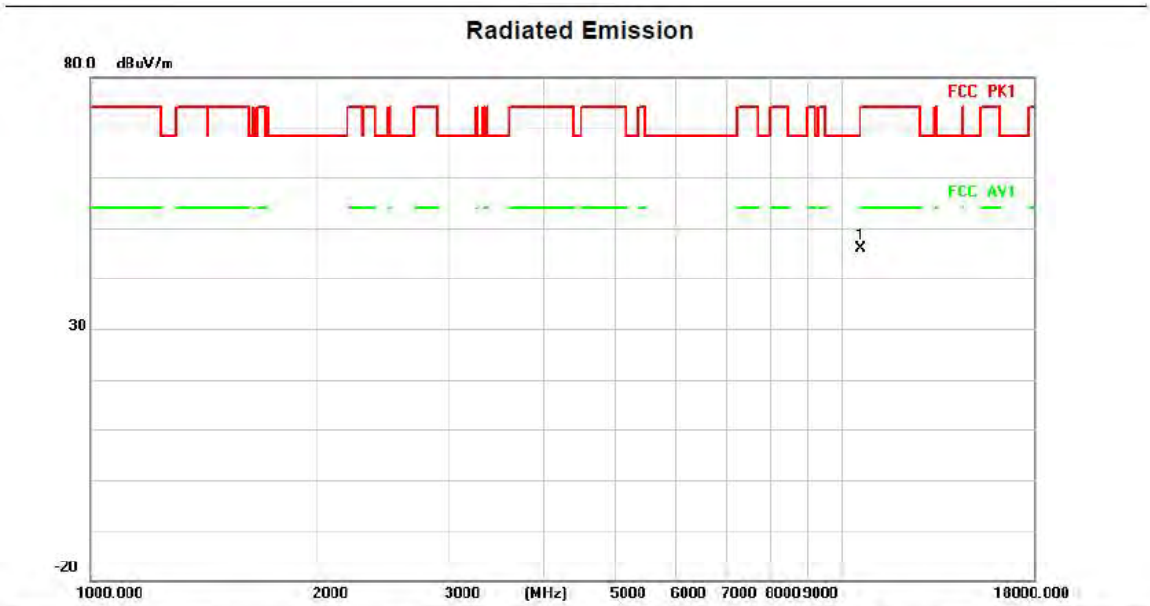
HORIZONTA



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	Comment
1	*	10520.000	37.43	6.30	43.73	68.20	-24.47	peak			

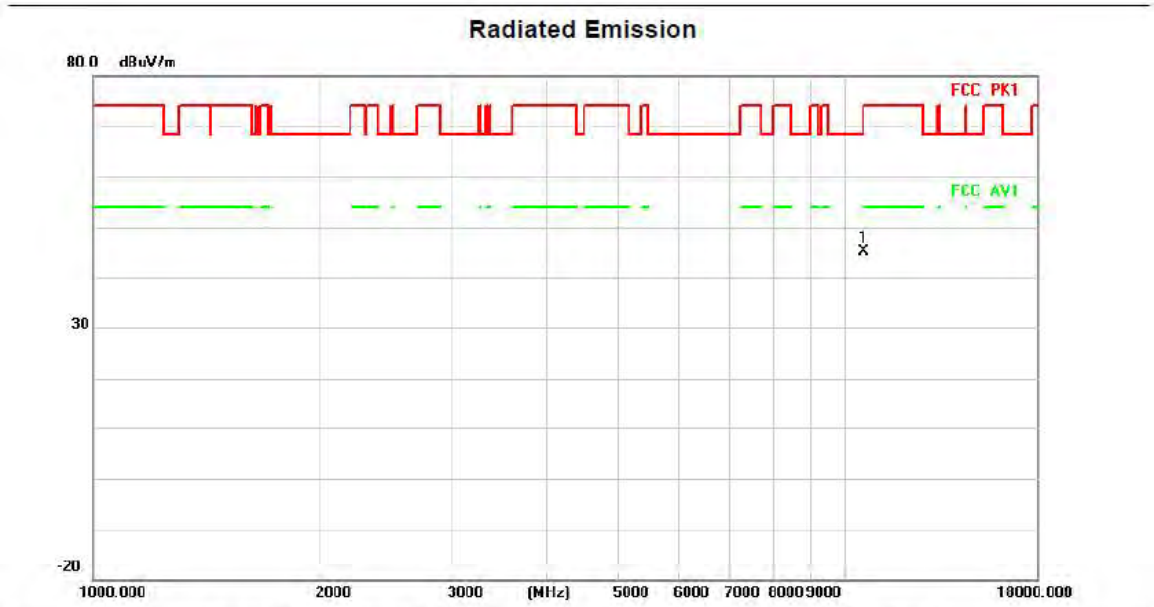
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:56

VERTICAL



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	Comment
1	*	10560.000	39.87	5.98	45.85	68.20	-22.35	peak			

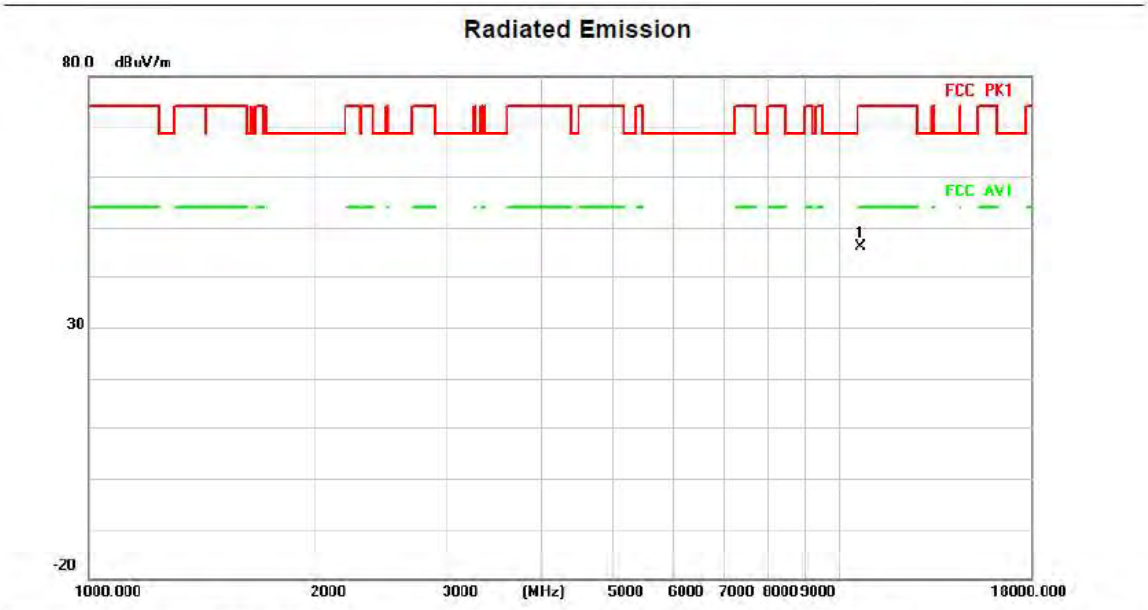
HORIZONTA



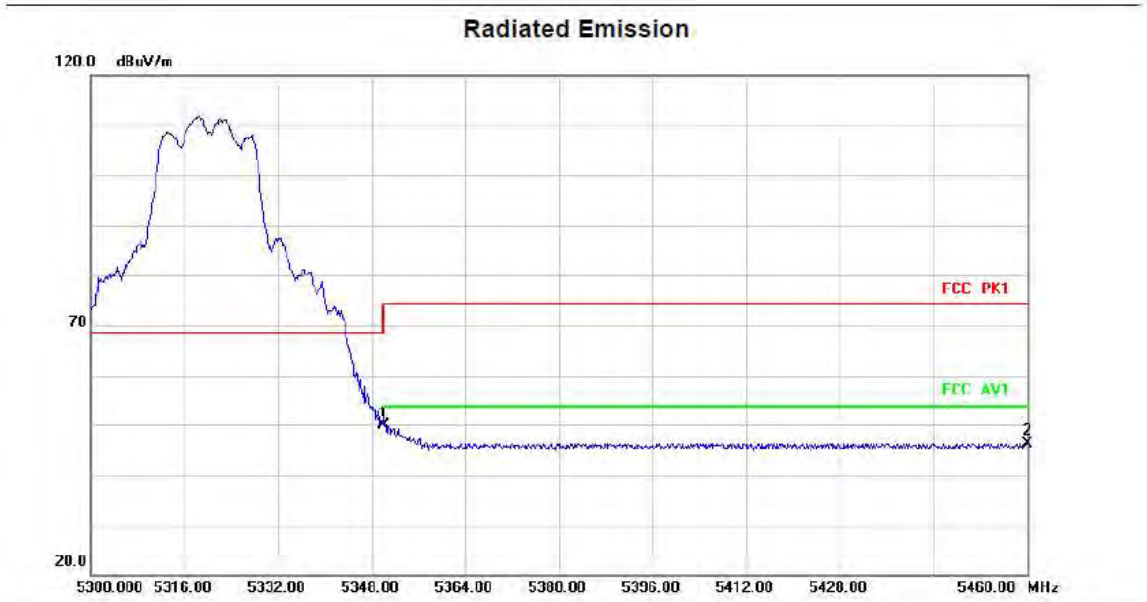
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	39.23	5.98	45.21	68.20	-22.99	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:64

VERTICAL

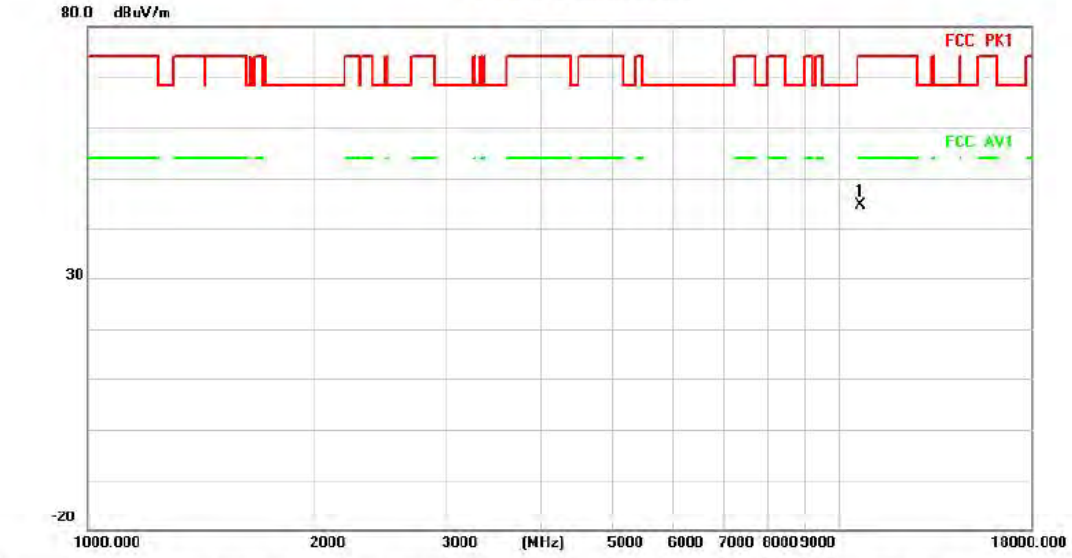


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	39.61	6.47	46.08	74.00	-27.92	peak			

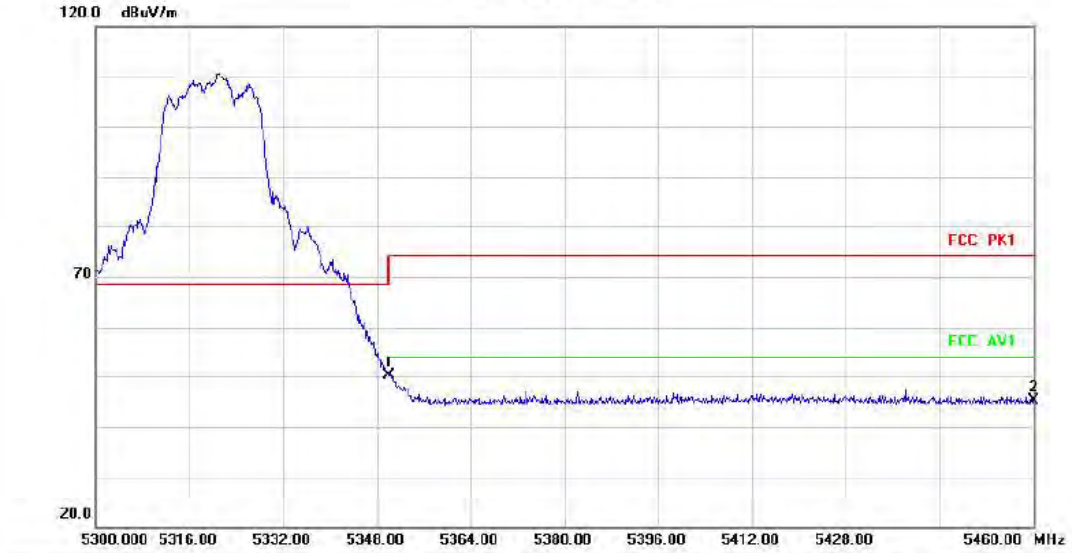


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	45.38	4.44	49.82	68.20	-18.38	peak			
2		5460.000	41.54	4.51	46.05	68.20	-22.15	peak			

HORIZONTA



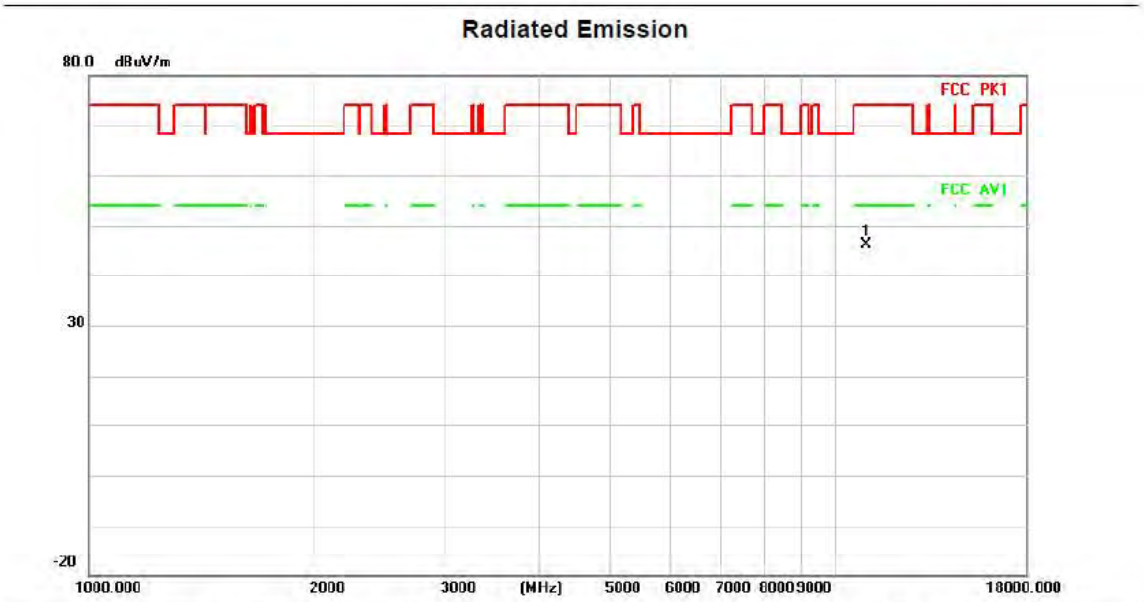
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	38.20	6.47	44.67	74.00	-29.33	peak			



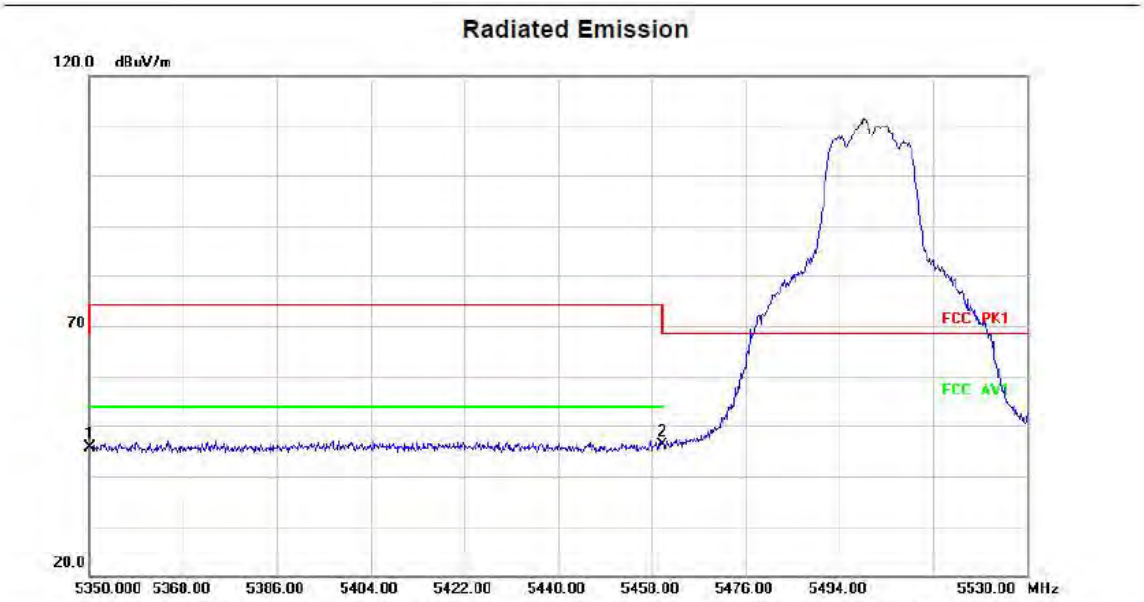
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	45.79	4.44	50.23	68.20	-17.97	peak			
2		5460.000	40.70	4.51	45.21	68.20	-22.99	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:100

VERTICAL

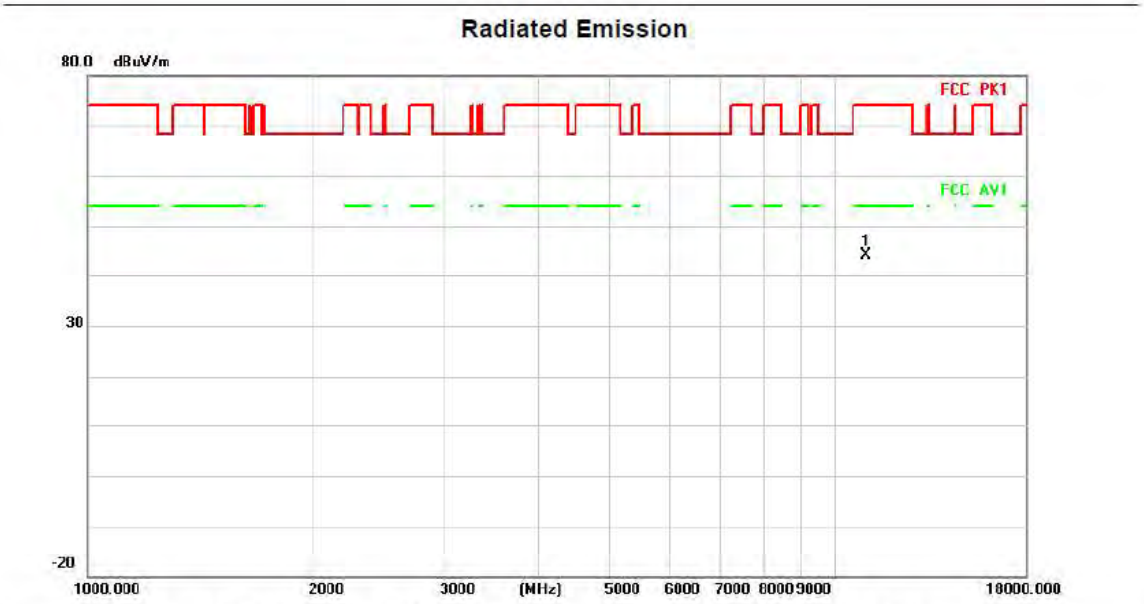


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	42.76	3.44	46.20	74.00	-27.80	peak			

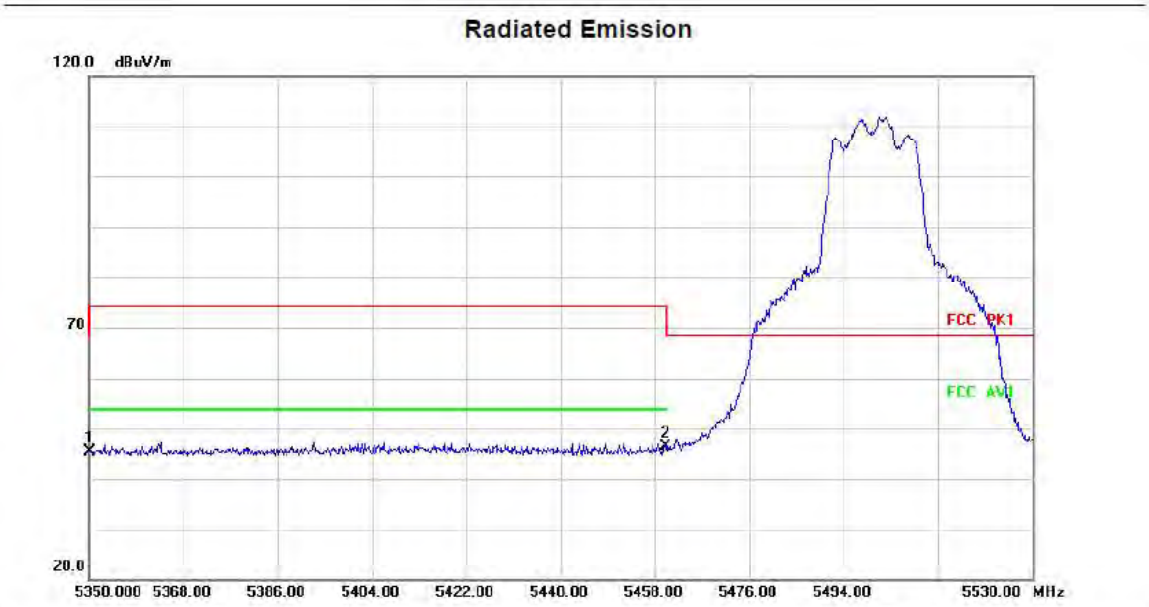


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	41.17	4.44	45.61	68.20	-22.59	peak			
2	*	5460.000	41.70	4.51	46.21	68.20	-21.99	peak			

HORIZONTA



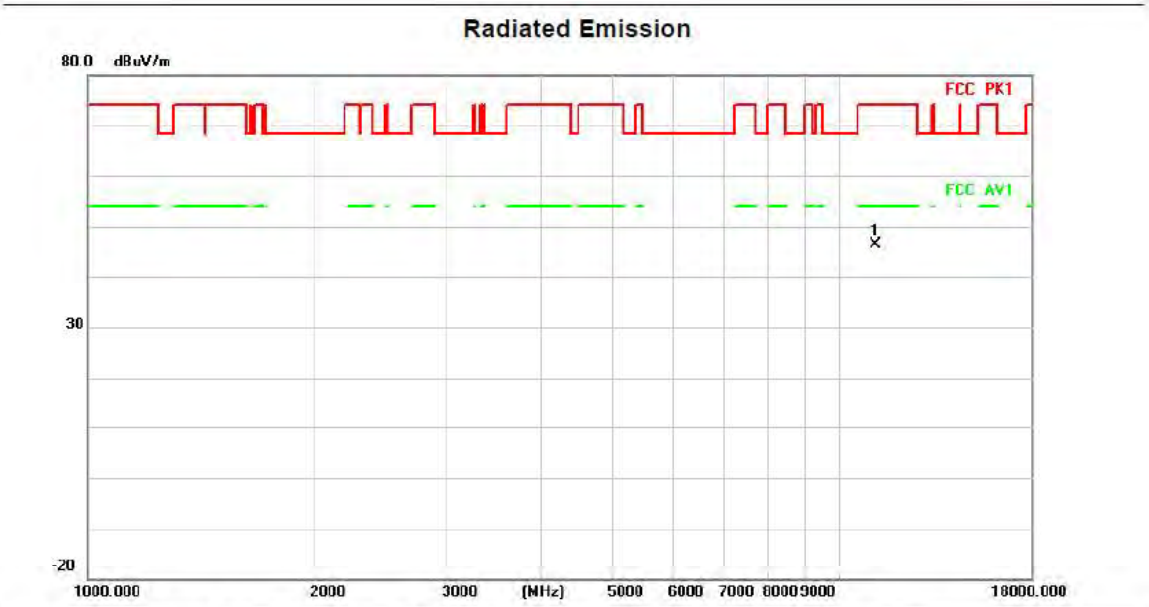
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	40.79	3.44	44.23	74.00	-29.77	peak			



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	Comment
1		5350.000	40.97	4.44	45.41	68.20	-22.79	peak			
2	*	5460.000	41.97	4.51	46.48	68.20	-21.72	peak			

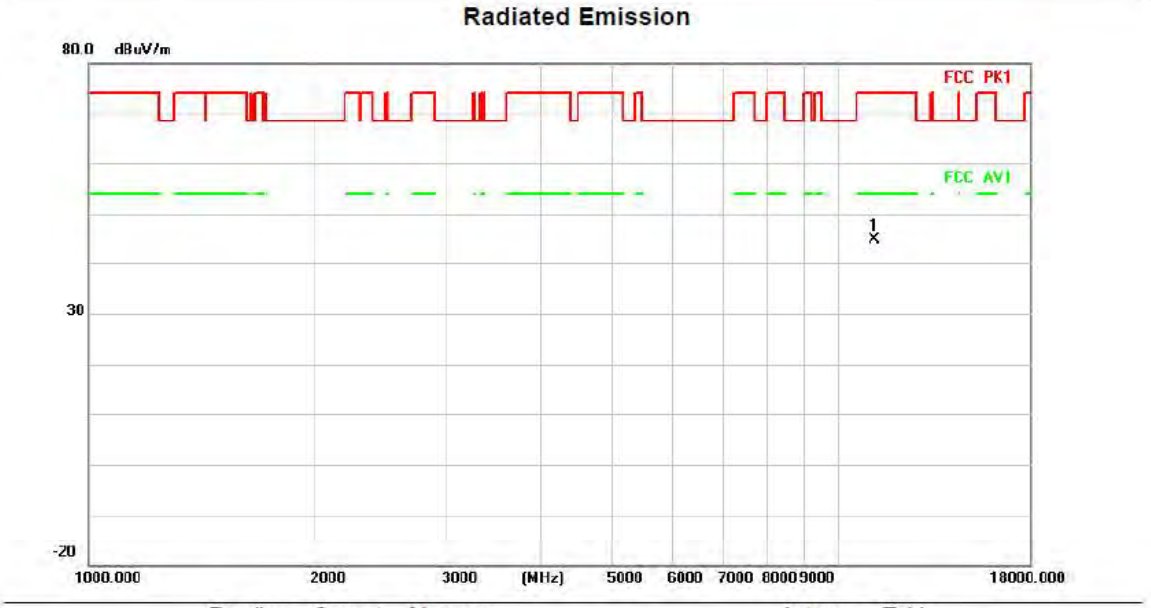
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:116

VERTICAL



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	Comment
1	*	11160.000	-2.48	48.77	46.29	74.00	-27.71	peak			

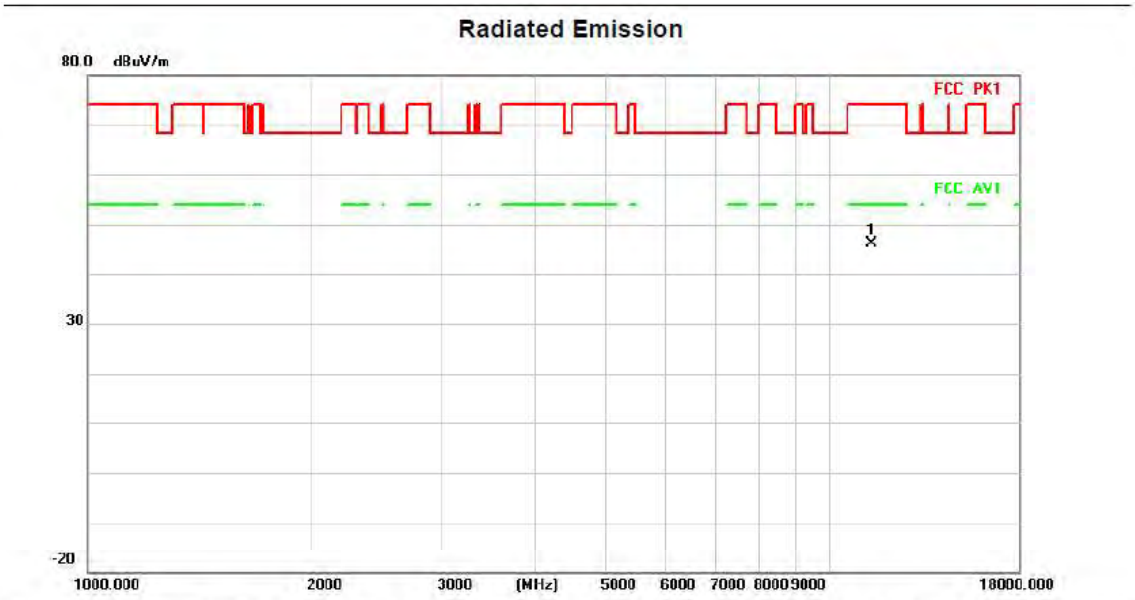
HORIZONTA



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	Comment
1	*	11160.000	-3.79	48.77	44.98	74.00	-29.02	peak			

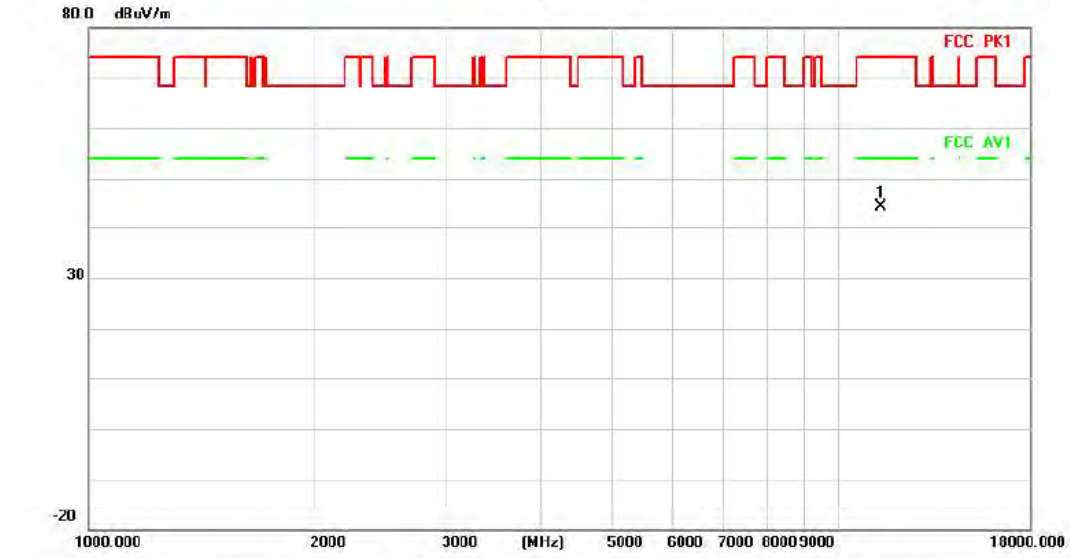
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:140

VERTICAL



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	Comment
1	*	11400.000	-2.97	49.06	46.09	74.00	-27.91	peak			

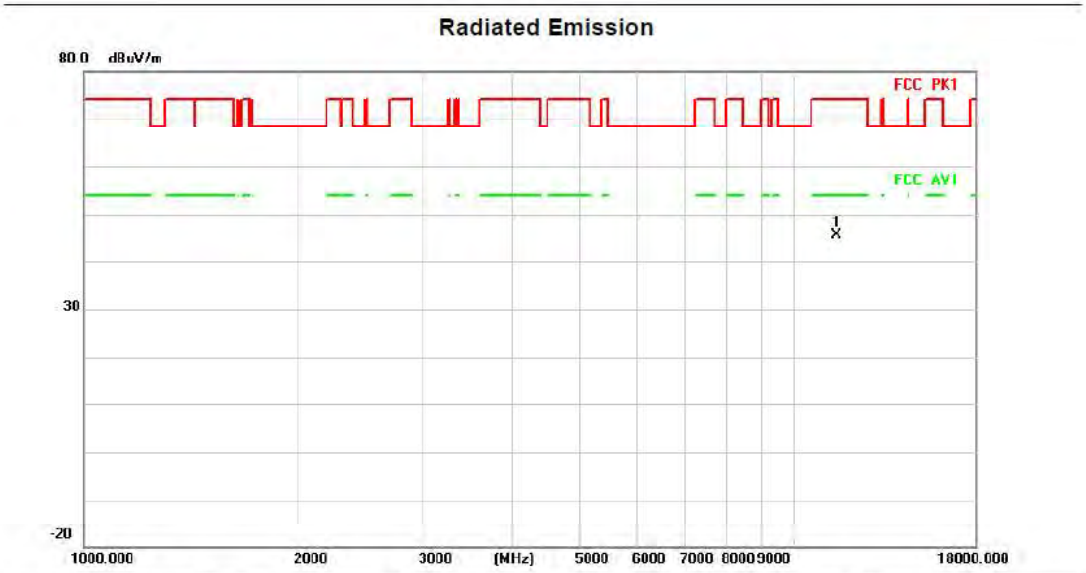
HORIZONTA



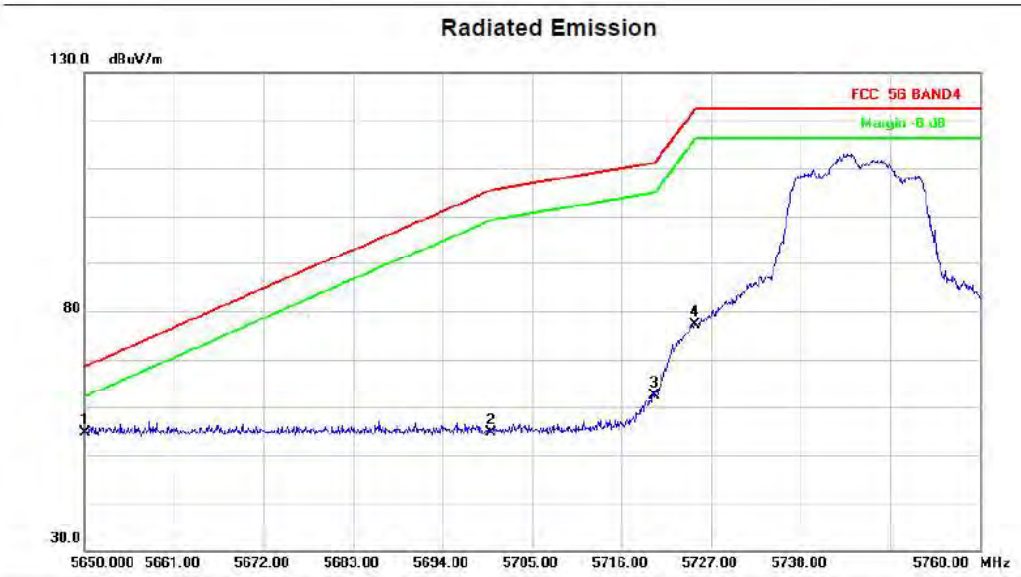
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	-4.58	49.06	44.48	74.00	-29.52	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:149

VERTICAL

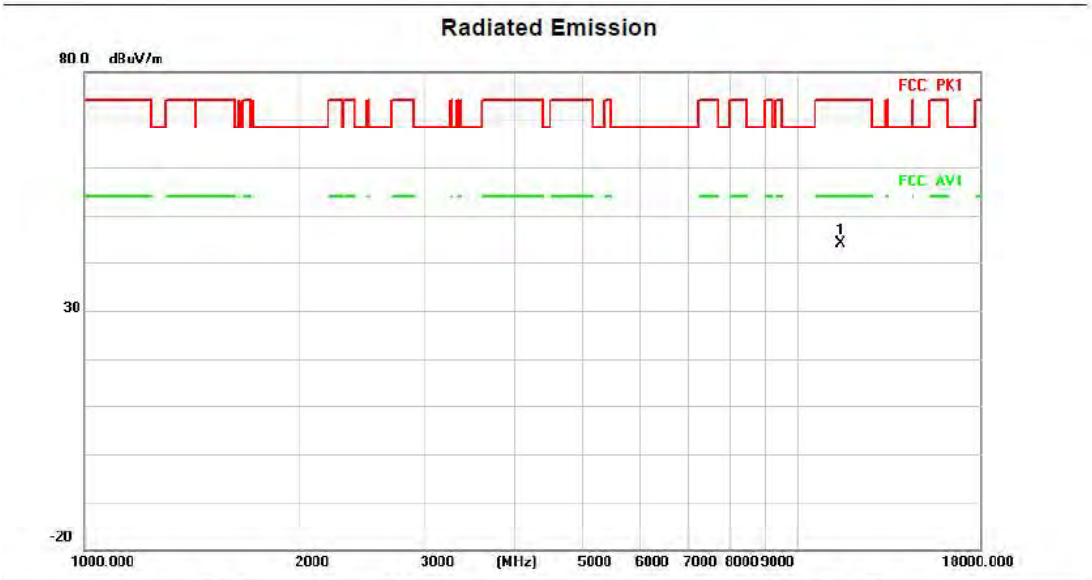


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	-3.73	49.26	45.53	74.00	-28.47	peak			

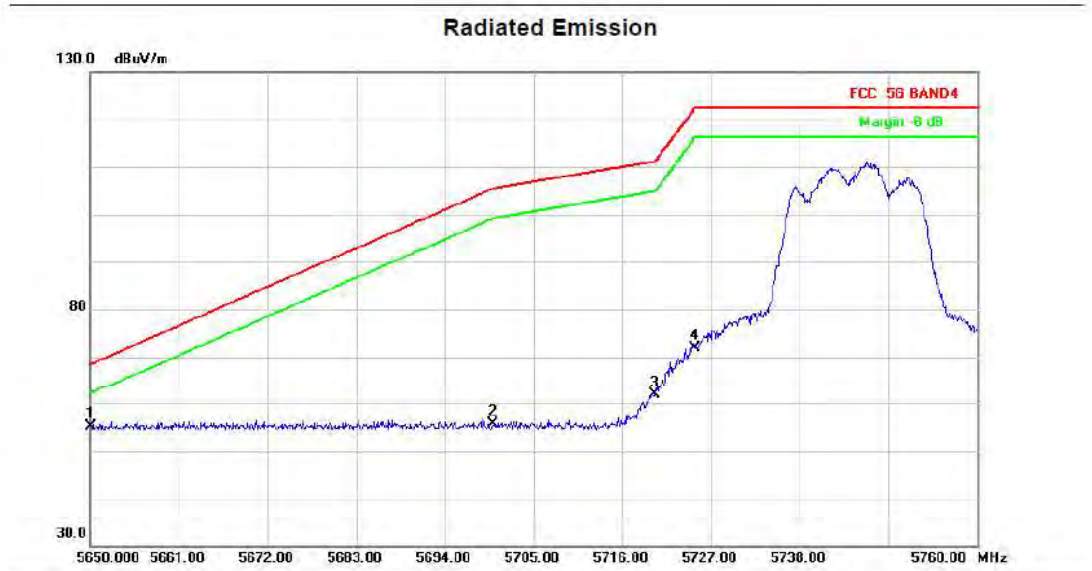


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	49.58	5.12	54.70	68.20	-13.50	peak			
2		5700.000	49.26	5.46	54.72	105.20	-50.48	peak			
3		5720.000	57.02	5.33	62.35	110.80	-48.45	peak			
4		5725.000	71.87	5.30	77.17	122.20	-45.03	peak			

HORIZONTA



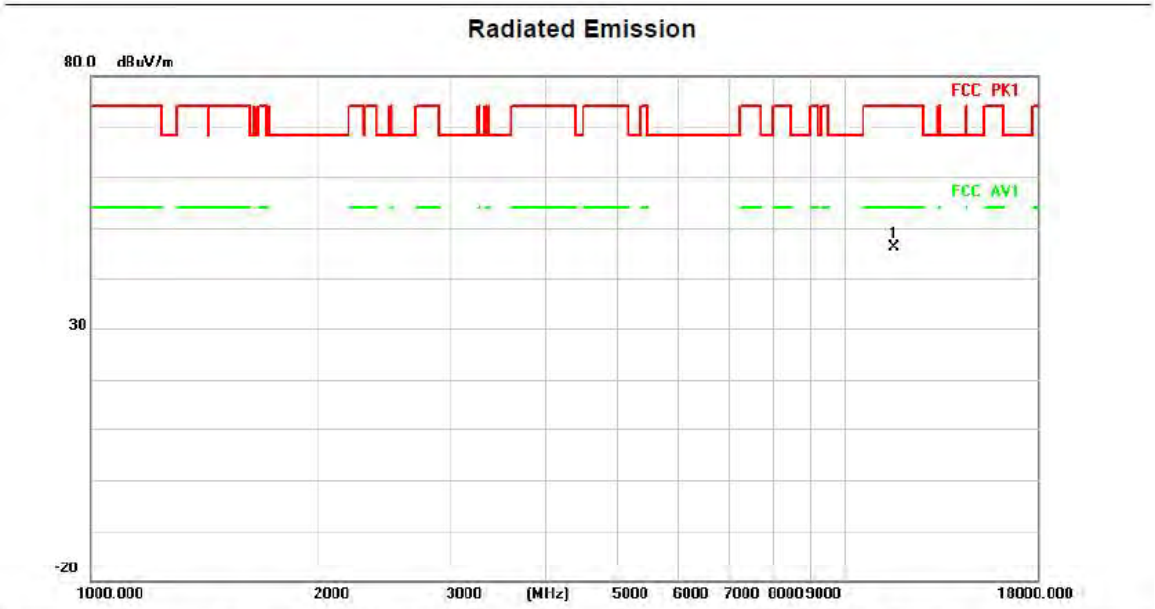
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	-5.16	49.26	44.10	74.00	-29.90	peak			



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	Comment
1	*	5650.000	49.92	5.12	55.04	68.20	-13.16	peak			
2		5700.000	50.20	5.46	55.66	105.20	-49.54	peak			
3		5720.000	56.64	5.33	61.97	110.80	-48.83	peak			
4		5725.000	66.69	5.30	71.99	122.20	-50.21	peak			

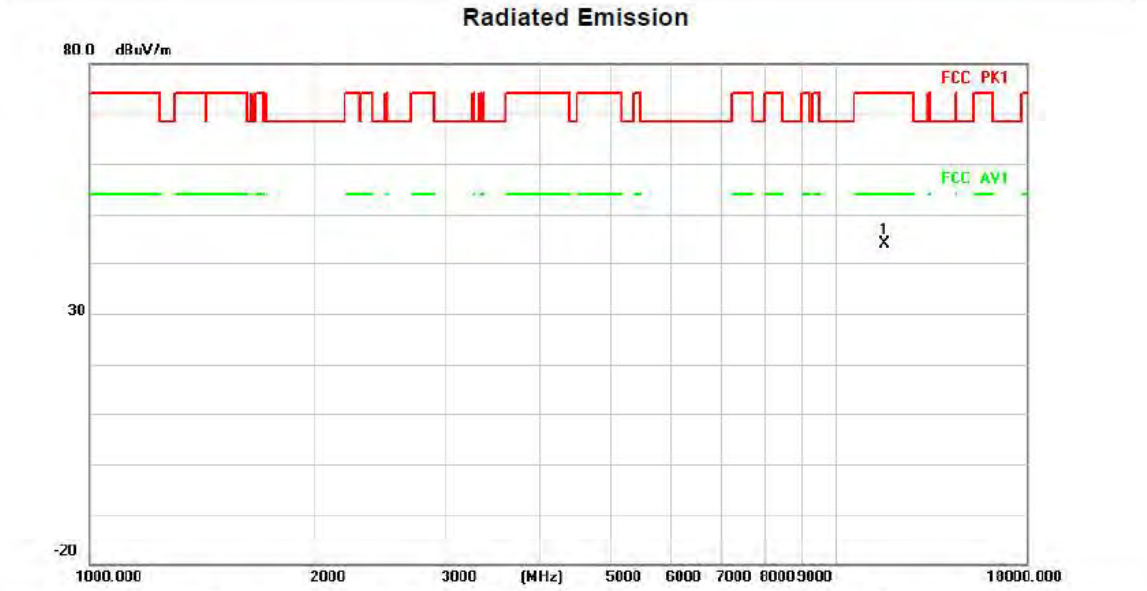
Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:157

VERTICAL



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	Comment
1	*	11570.000	-2.89	48.95	46.06	74.00	-27.94	peak			

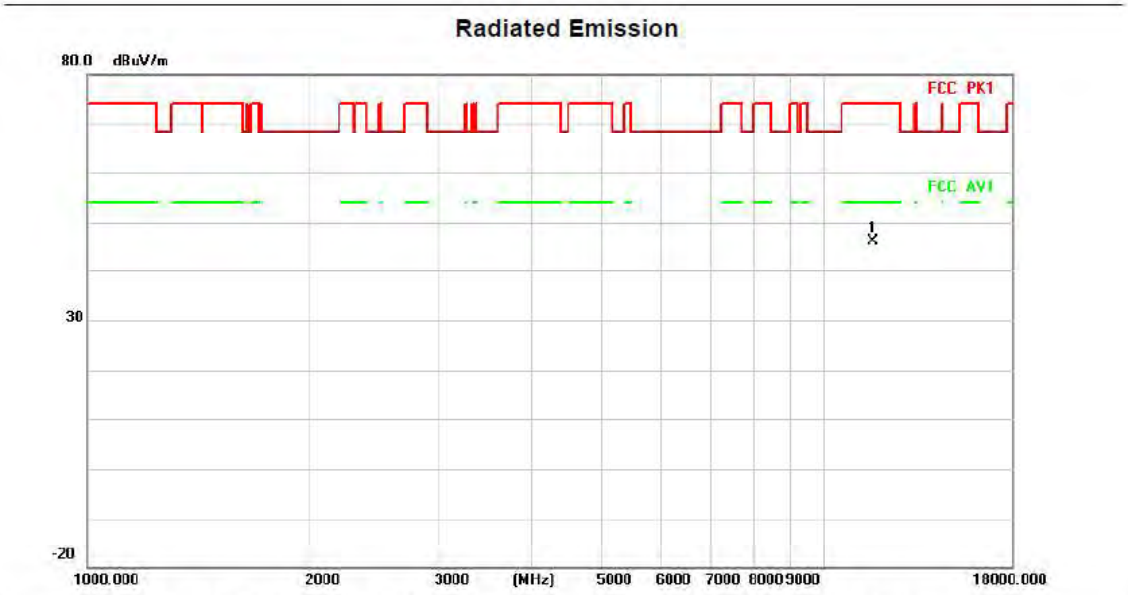
HORIZONTA



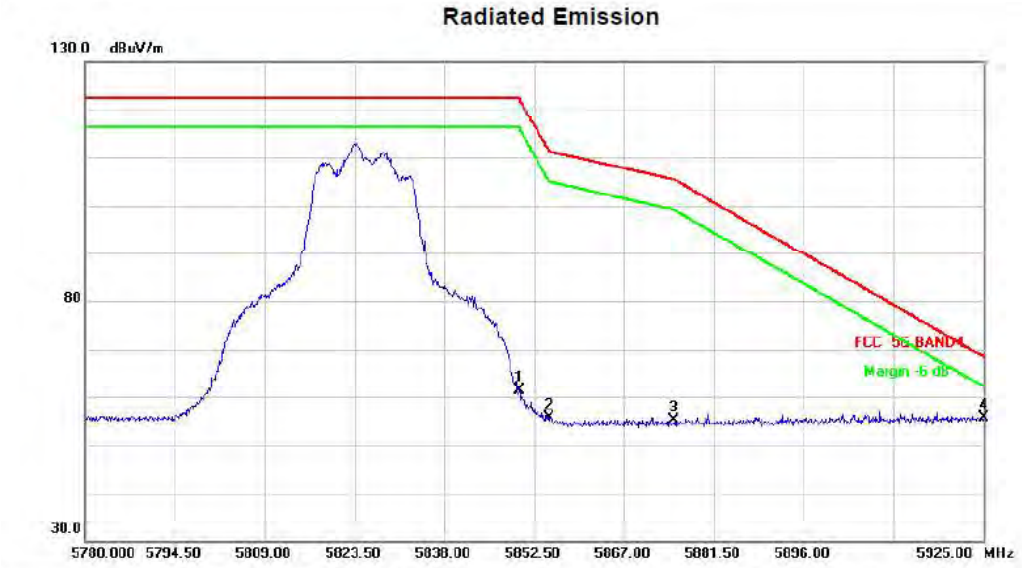
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	-4.91	48.95	44.04	74.00	-29.96	peak			

Above 1G (1GHz~18GHz)	Test mode: 11A-CDD	Test Channel:165

VERTICAL

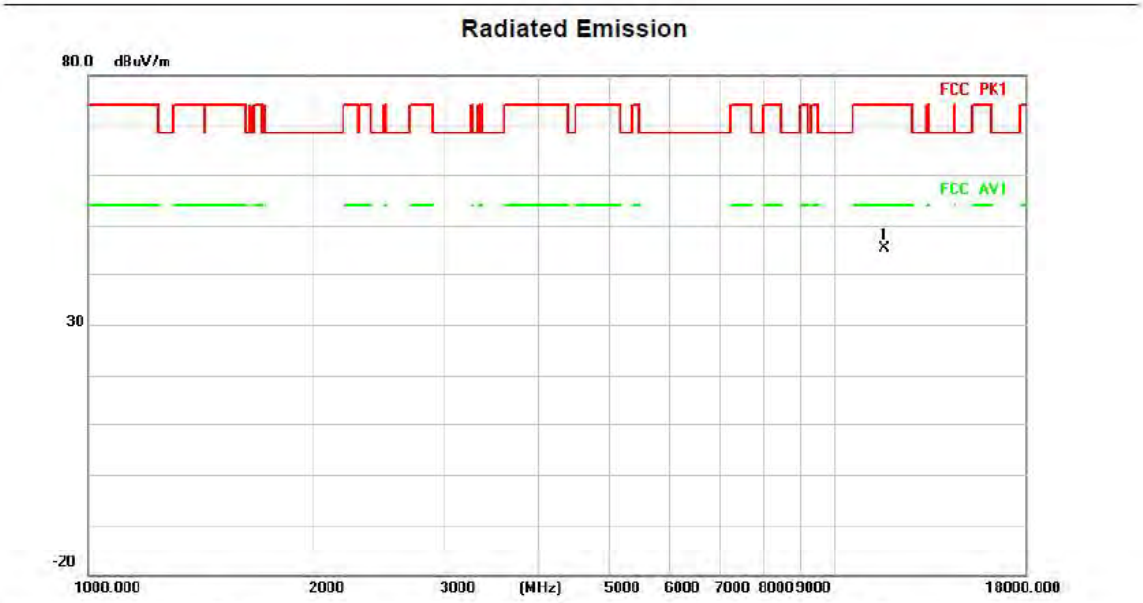


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	-2.37	48.62	46.25	74.00	-27.75	peak			

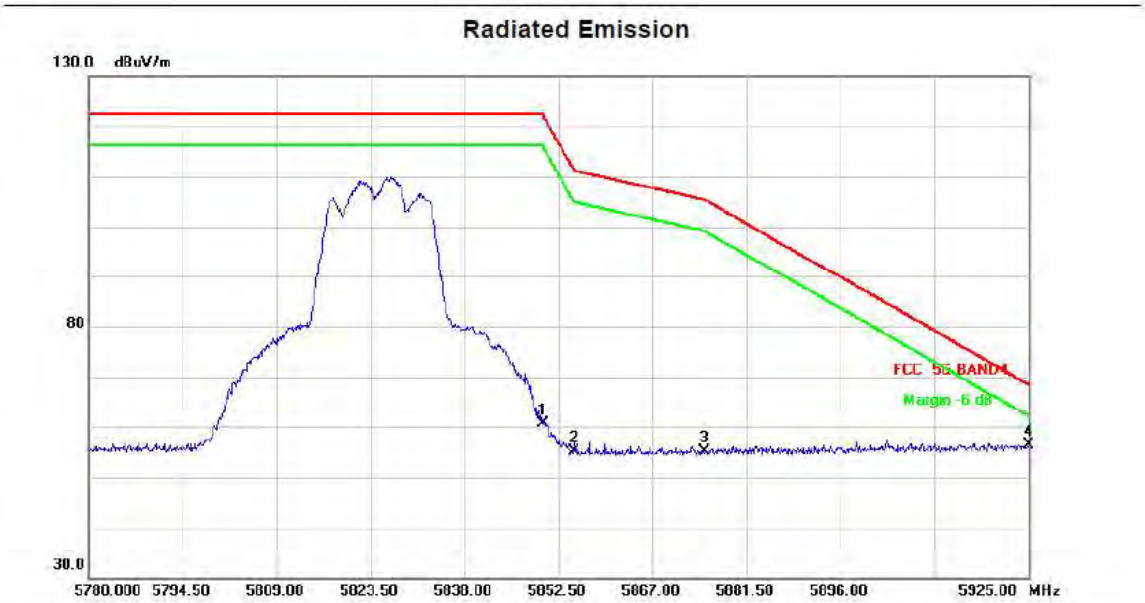


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	56.20	5.18	61.38	122.20	-60.82	peak			
2		5855.000	50.29	5.25	55.54	110.80	-55.26	peak			
3		5875.000	49.58	5.51	55.09	105.20	-50.11	peak			
4	*	5925.000	49.31	6.28	55.59	68.20	-12.61	peak			

HORIZONTA



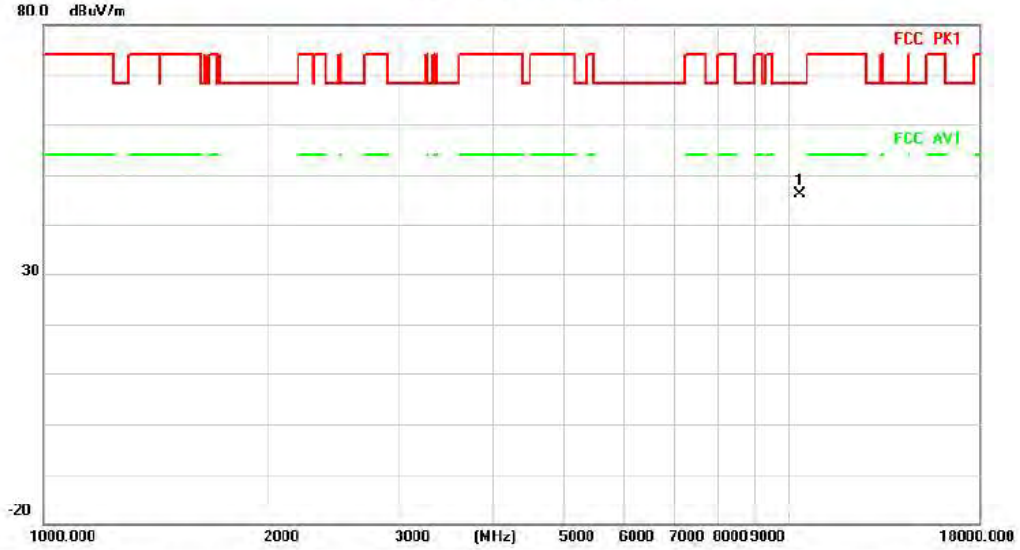
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	-3.35	48.62	45.27	74.00	-28.73	peak			



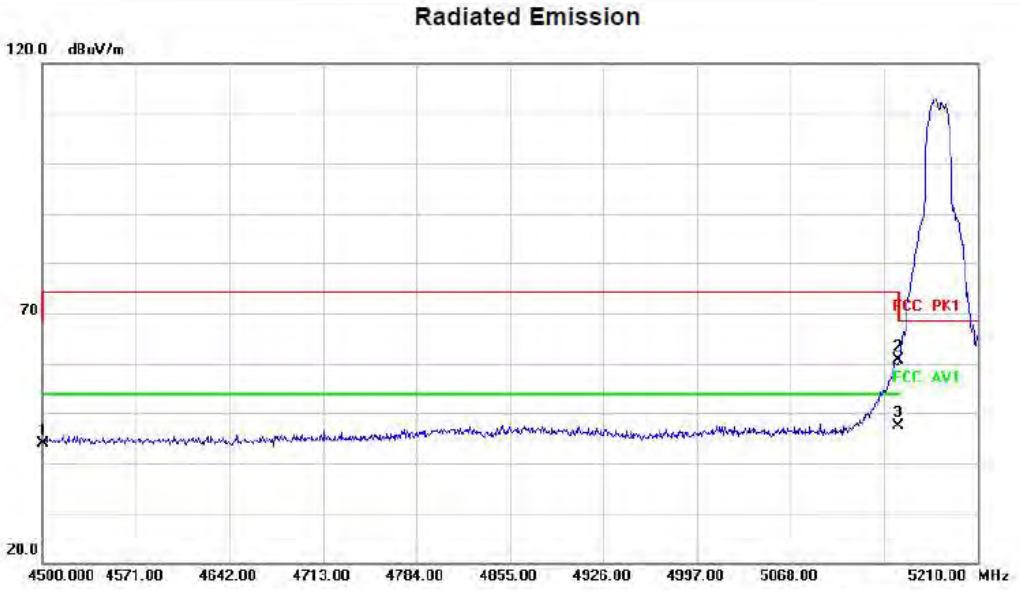
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	55.46	5.18	60.64	122.20	-61.56	peak			
2		5855.000	49.86	5.25	55.11	110.80	-55.69	peak			
3		5875.000	49.62	5.51	55.13	105.20	-50.07	peak			
4	*	5925.000	50.22	6.28	56.50	68.20	-11.70	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:36

VERTICAL

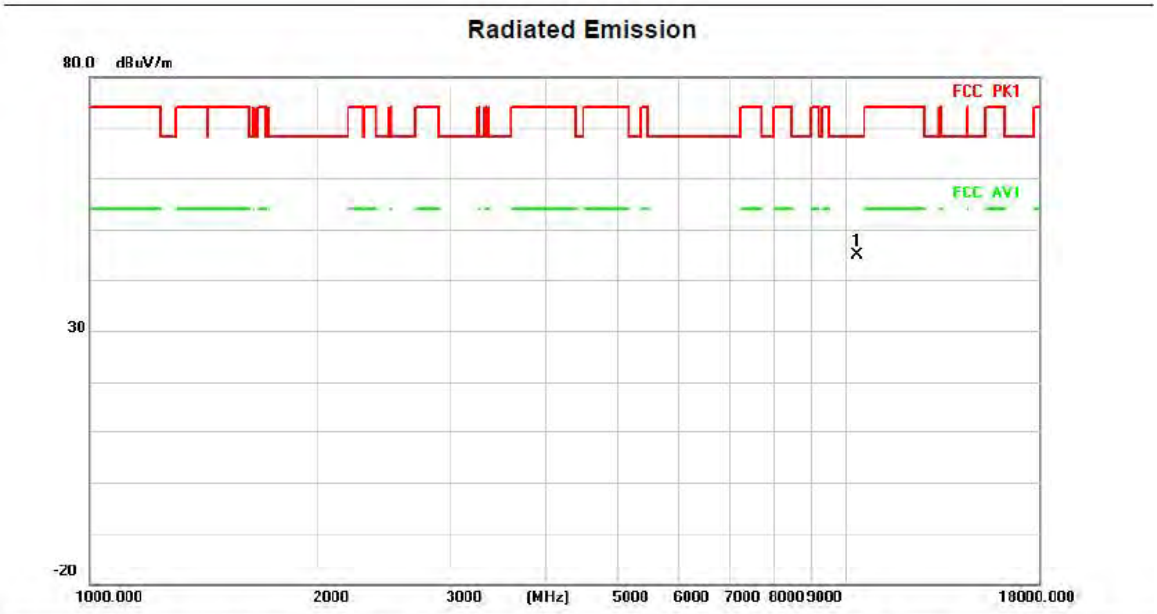


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	39.11	7.05	46.16	68.20	-22.04	peak			

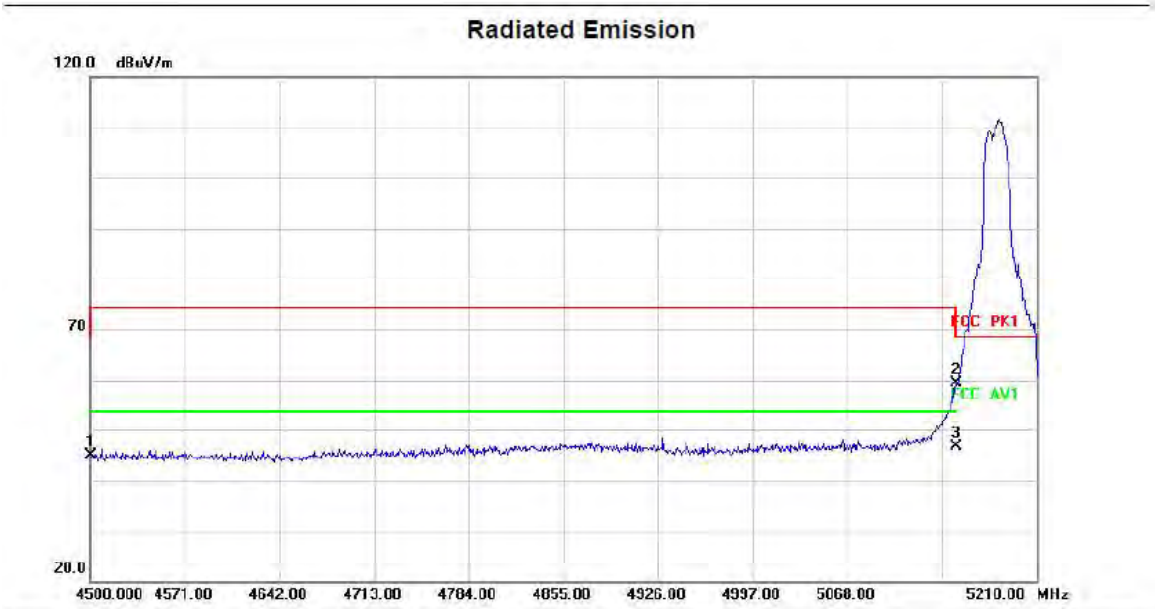


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	40.07	3.85	43.92	68.20	-24.28	peak			
2		5150.000	54.91	5.62	60.53	68.20	-7.67	peak			
3	*	5150.000	41.72	5.62	47.34	54.00	-6.66	AVG			

HORIZONTA



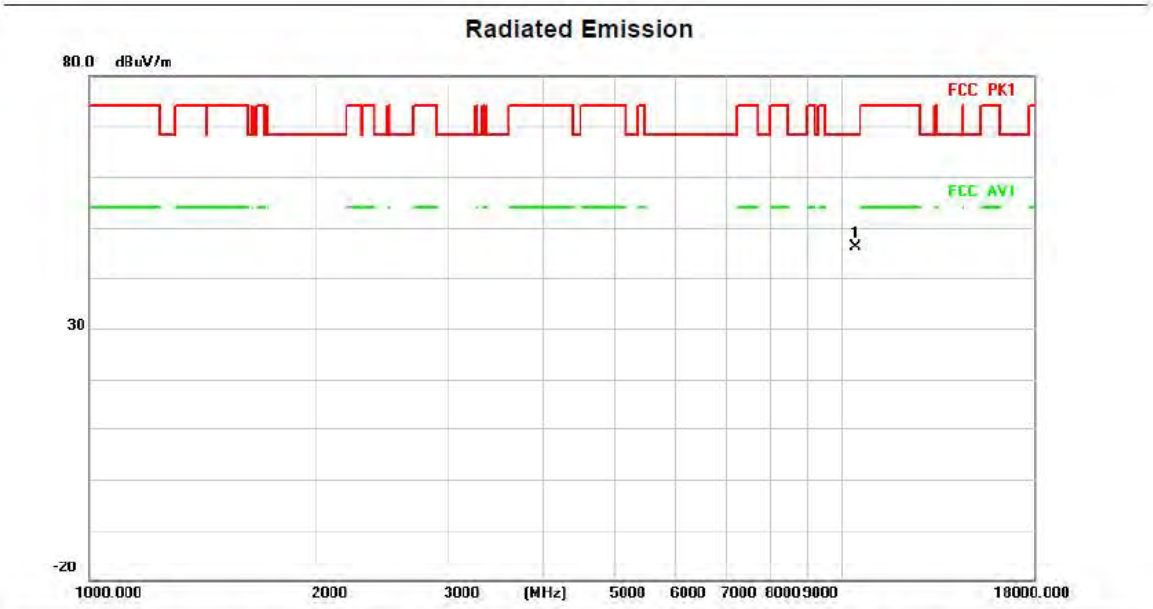
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10360.000	37.80	7.05	44.85	68.20	-23.35	peak			



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	Comment
1		4500.000	41.12	3.85	44.97	68.20	-23.23	peak			
2		5150.000	53.78	5.62	59.40	68.20	-8.80	peak			
3	*	5150.000	41.11	5.62	46.73	54.00	-7.27	AVG			

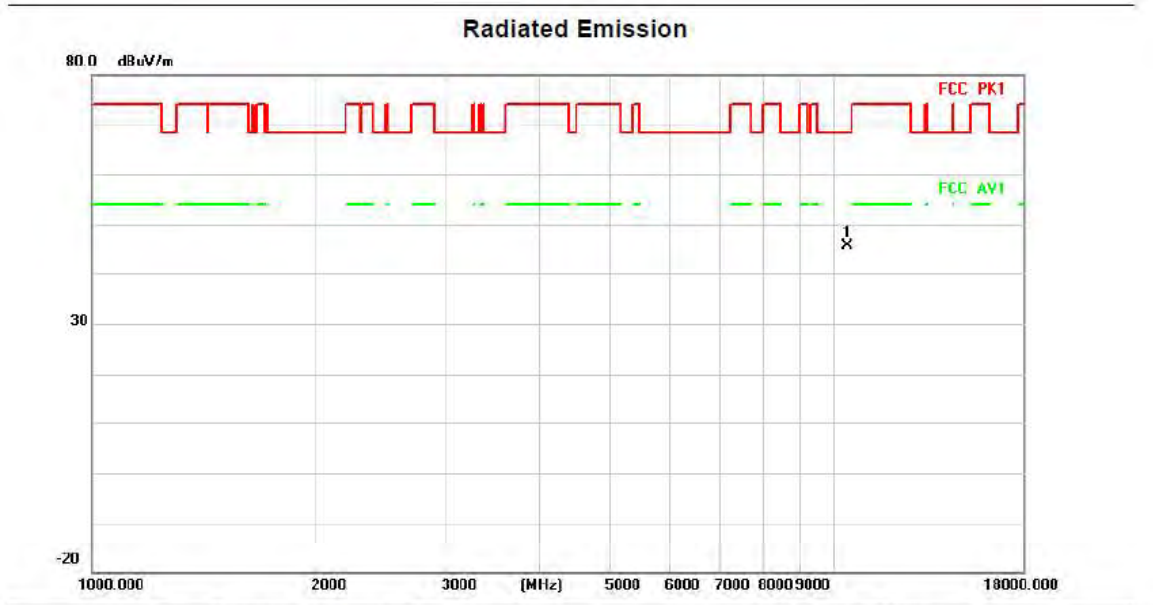
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:40

VERTICAL



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	Comment
1	*	10400.000	39.58	6.55	46.13	68.20	-22.07	peak			

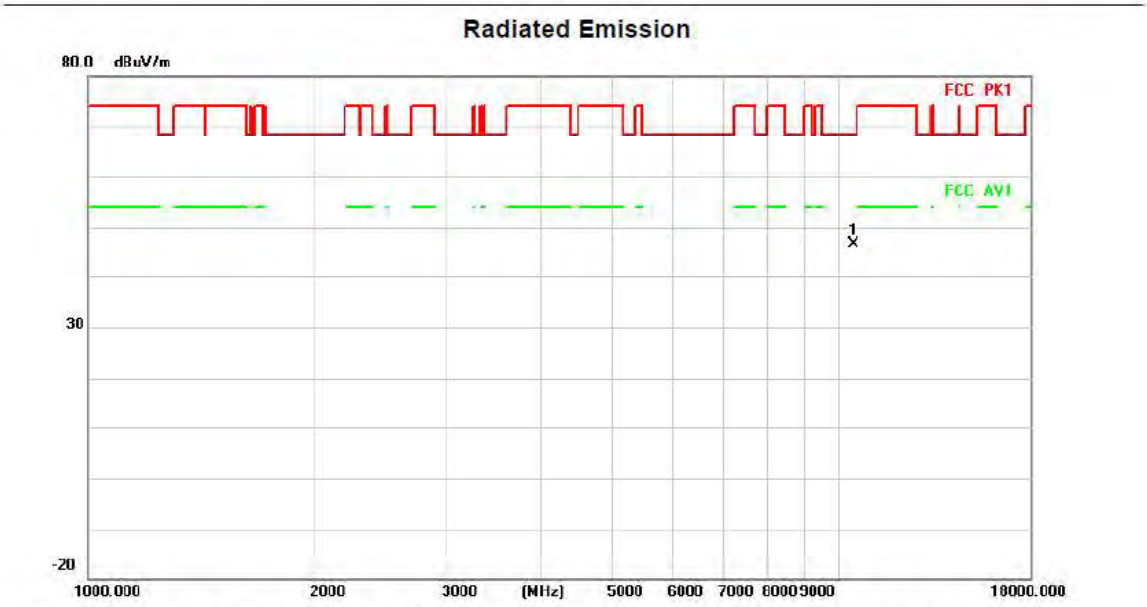
HORIZONTA



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	Comment
1	*	10400.000	39.18	6.55	45.73	68.20	-22.47	peak			

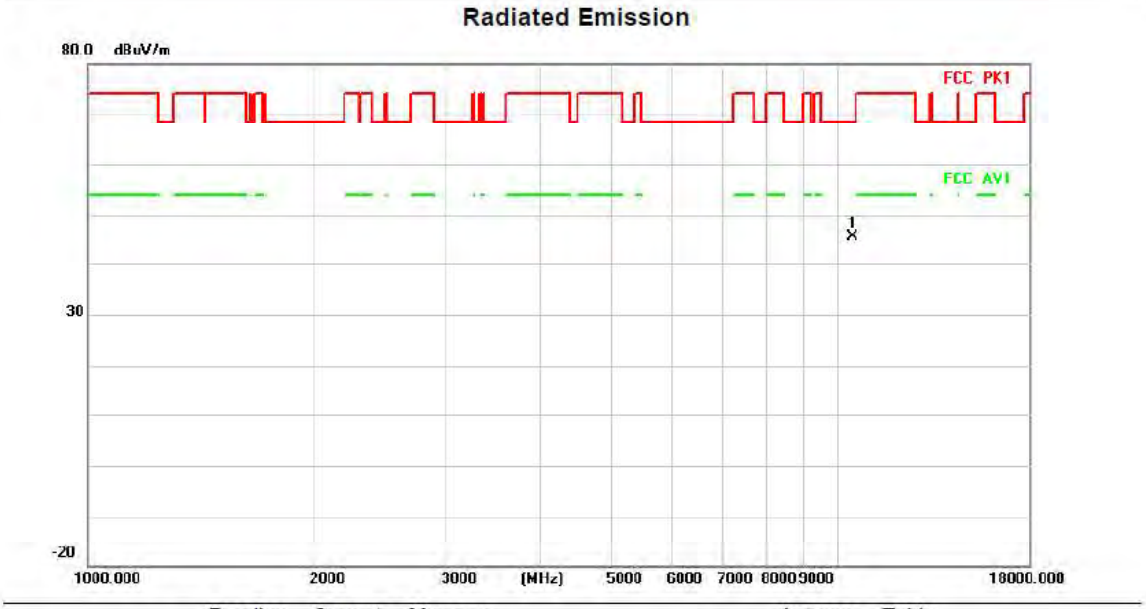
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:48

VERTICAL



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	Comment
1	*	10480.000	40.06	6.47	46.53	68.20	-21.67	peak			

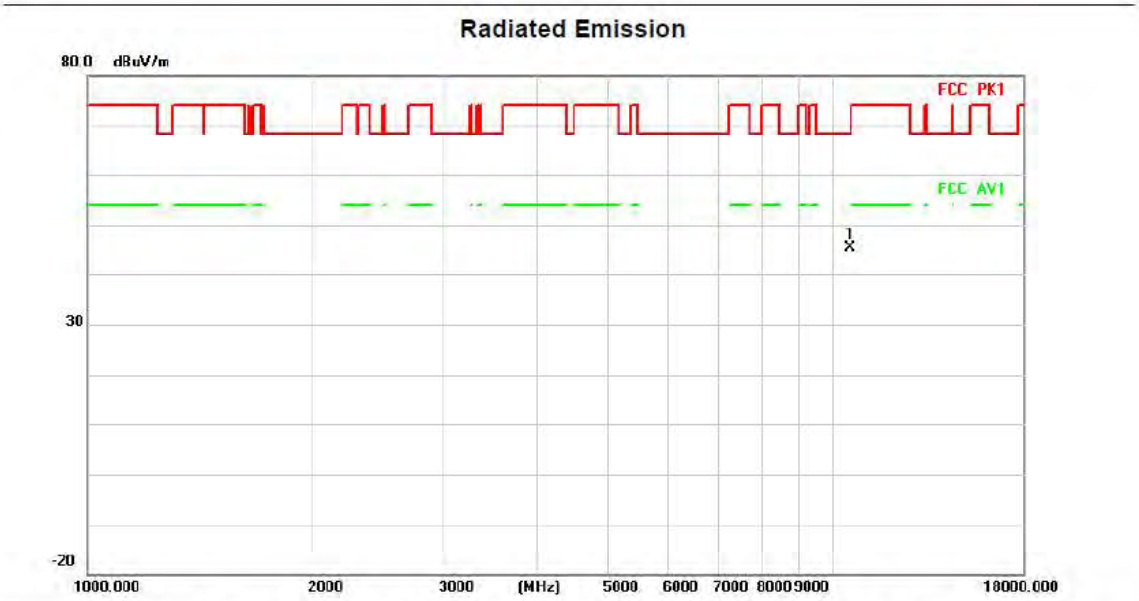
HORIZONTA



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	Comment
1	*	10480.000	39.20	6.47	45.67	68.20	-22.53	peak			

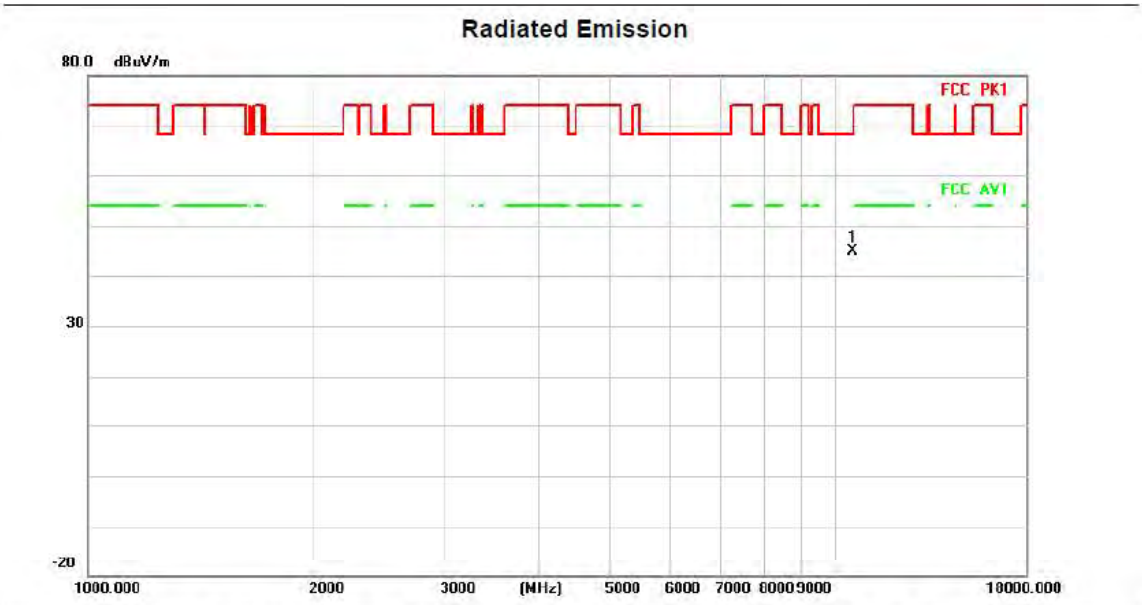
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:52

VERTICAL



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	Comment
1	*	10520.000	39.10	6.30	45.40	68.20	-22.80	peak			

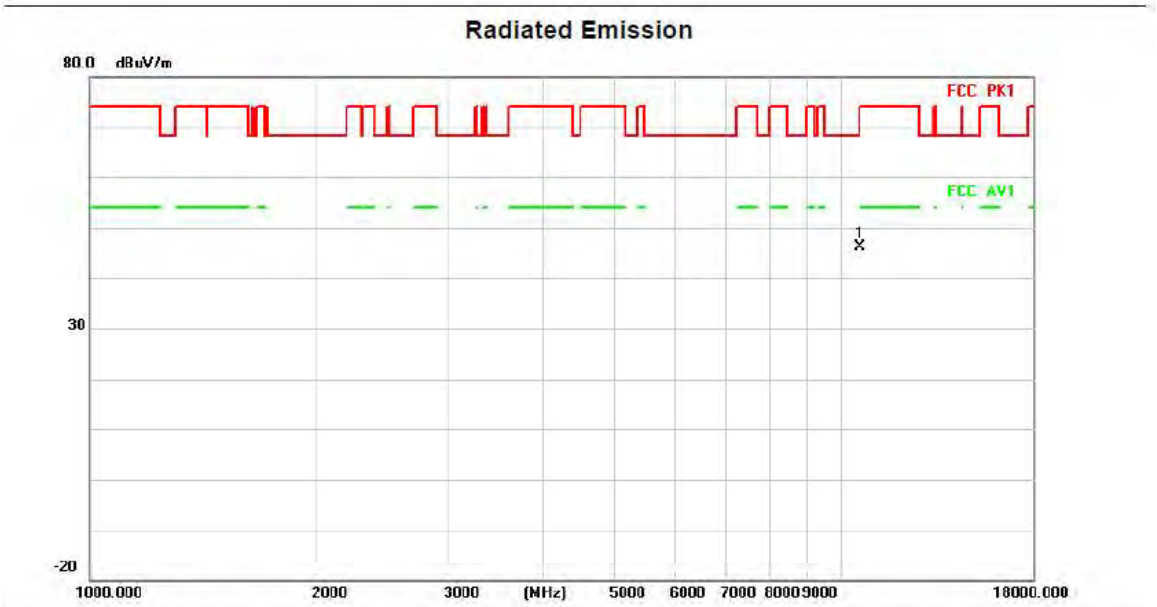
HORIZONTA



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	Comment
1	*	10520.000	38.56	6.30	44.86	68.20	-23.34	peak			

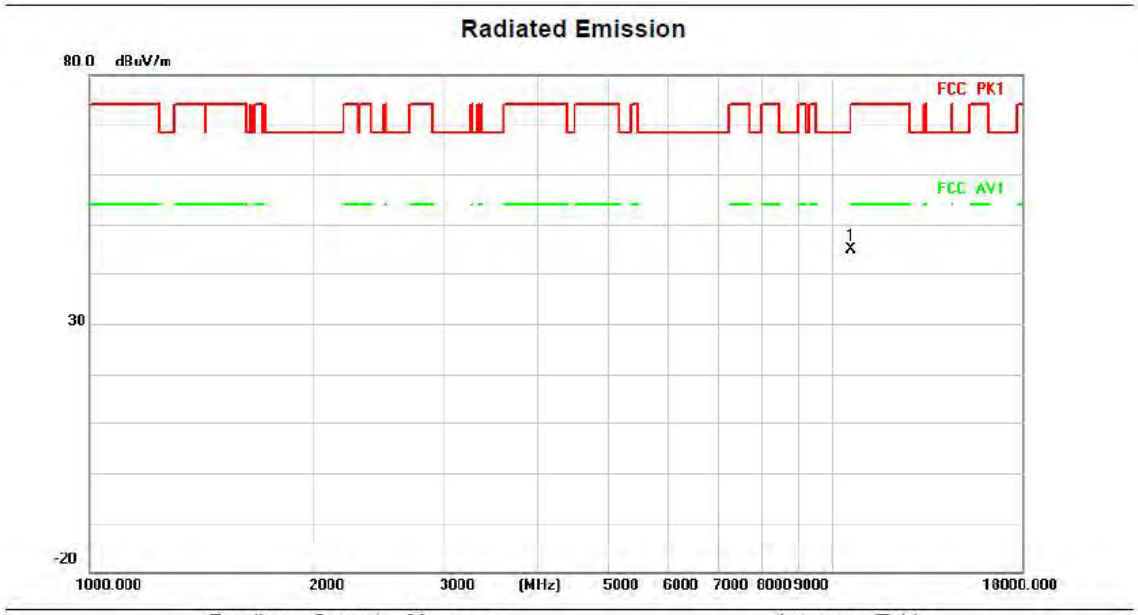
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:56

VERTICAL



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	Comment
1	*	10560.000	40.24	5.98	46.22	68.20	-21.98	peak			

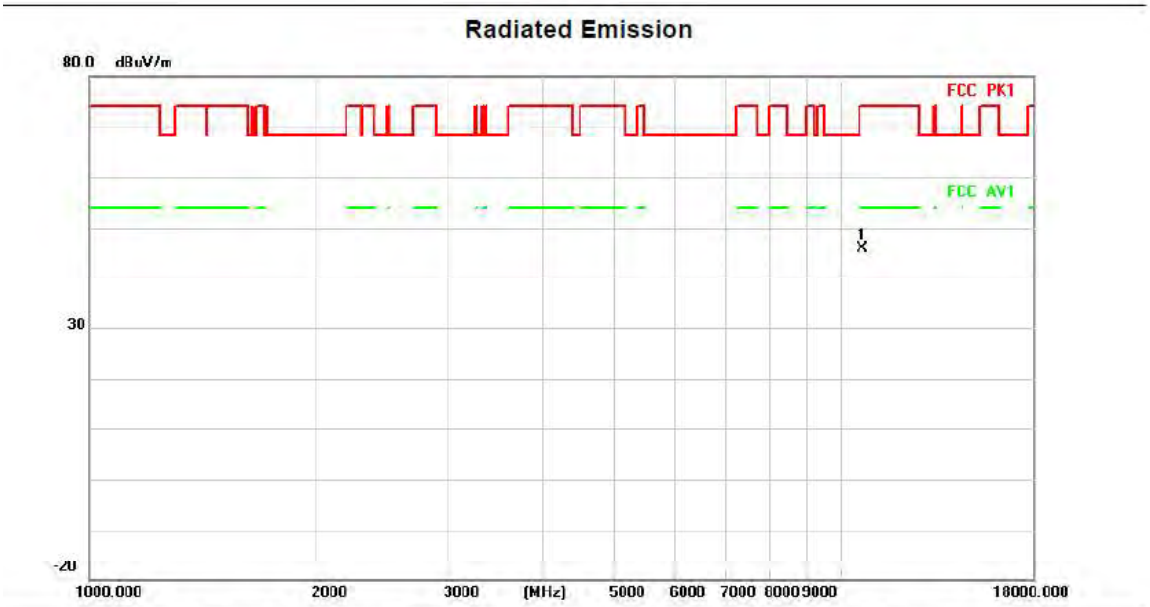
HORIZONTA



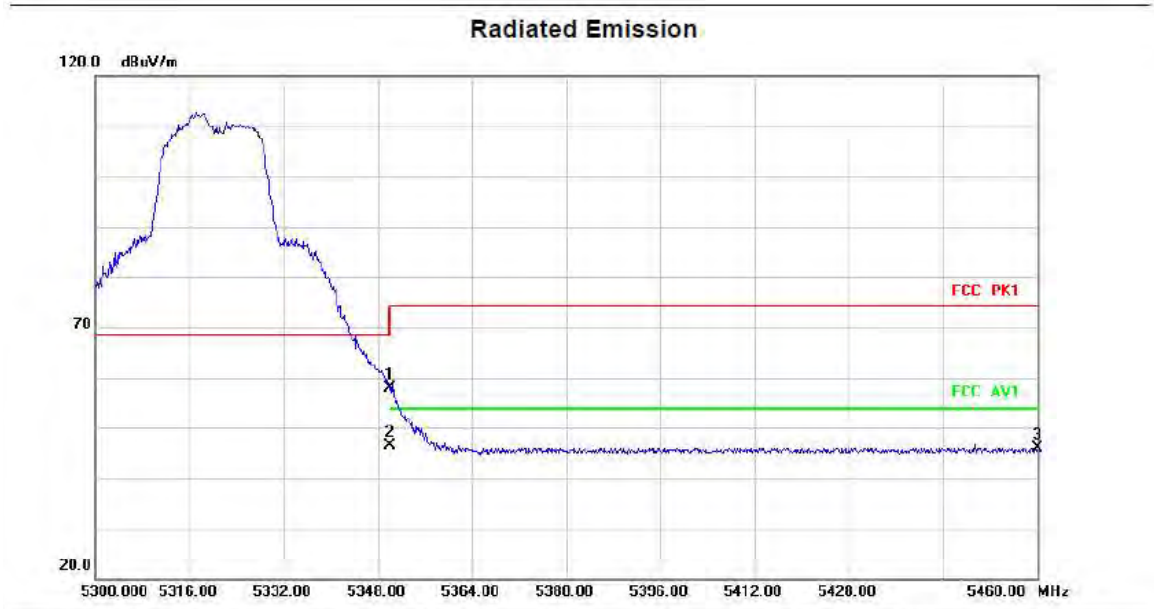
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10560.000	38.84	5.98	44.82	68.20	-23.38	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:64

VERTICAL

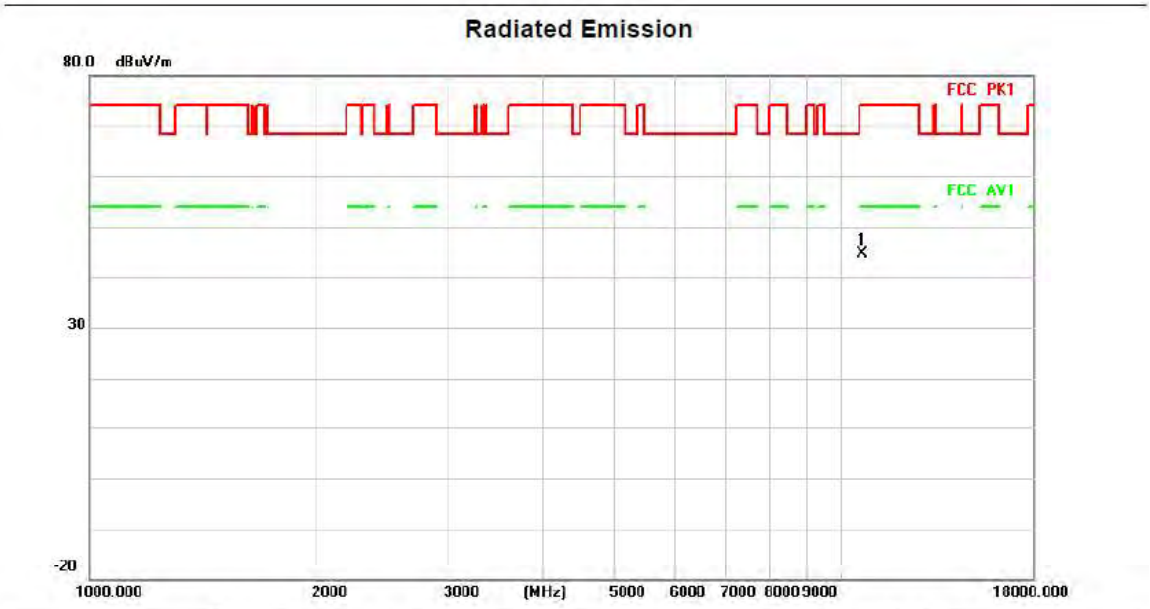


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	39.40	6.47	45.87	74.00	-28.13	peak			

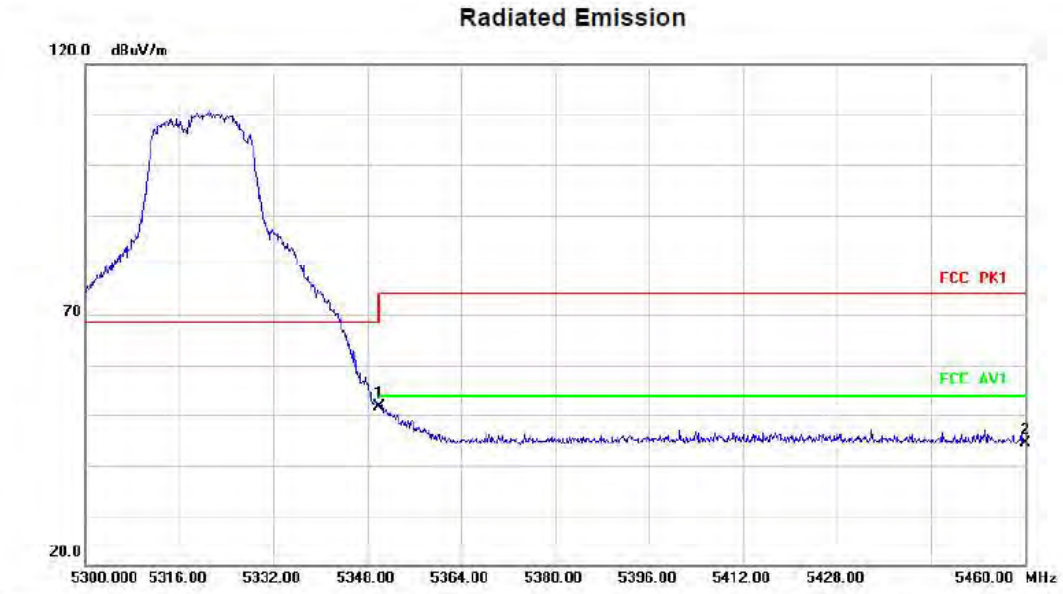


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	53.42	4.44	57.86	68.20	-10.34	peak			
2	*	5350.000	42.05	4.44	46.49	54.00	-7.51	AVG			
3		5460.000	41.46	4.51	45.97	68.20	-22.23	peak			

HORIZONTA



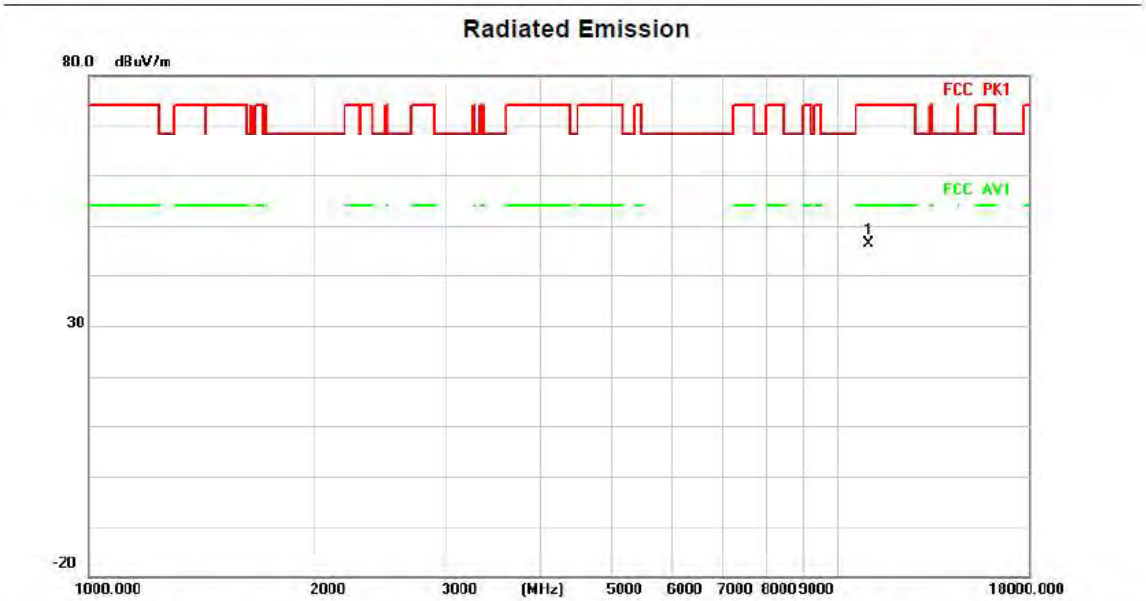
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10640.000	38.22	6.47	44.69	74.00	-29.31	peak			



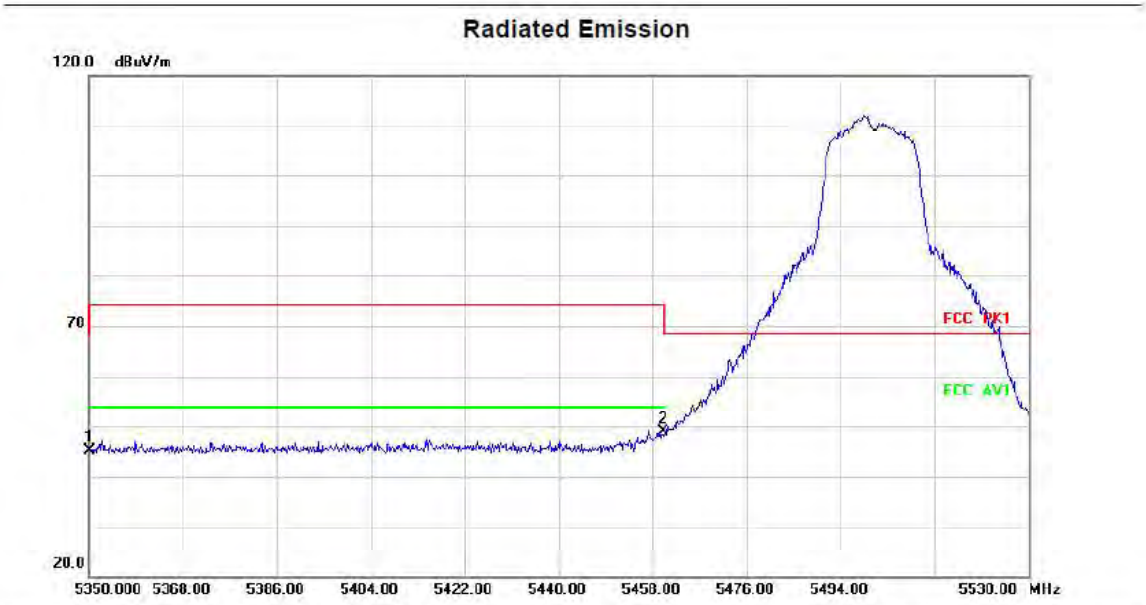
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5350.000	47.11	4.44	51.55	68.20	-16.65	peak			
2		5460.000	39.77	4.51	44.28	68.20	-23.92	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:100

VERTICAL

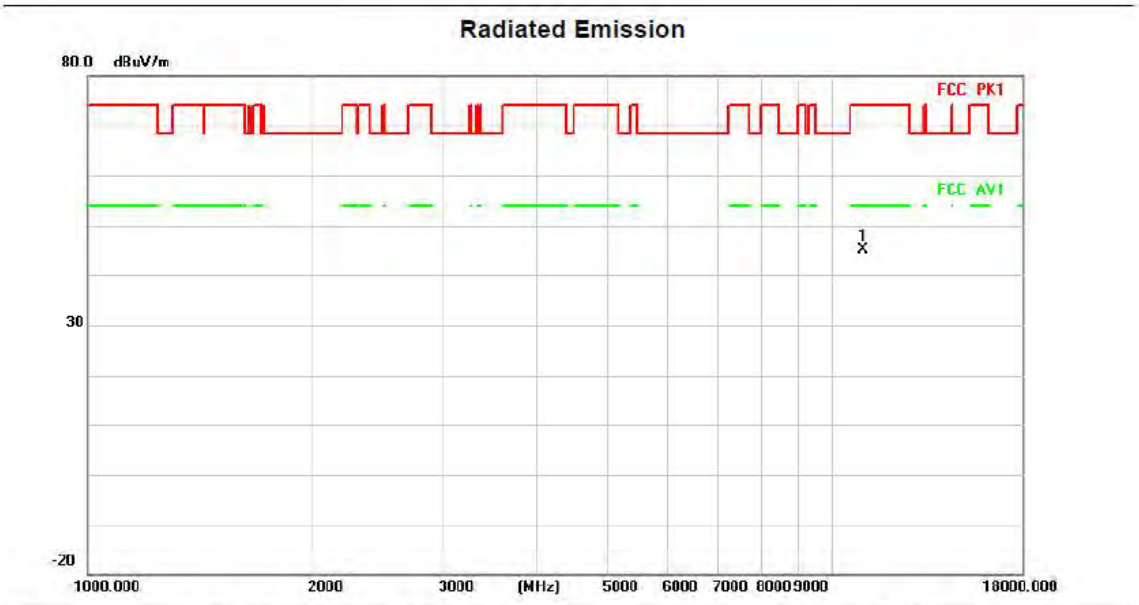


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	42.94	3.44	46.38	74.00	-27.62	peak			

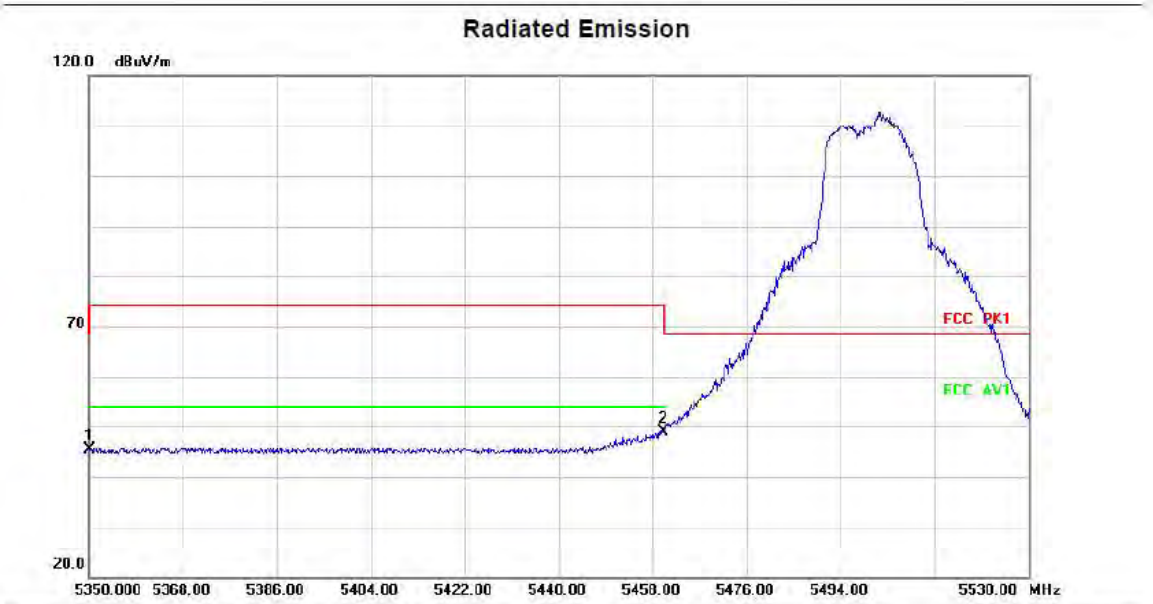


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	40.67	4.44	45.11	68.20	-23.09	peak			
2	*	5460.000	44.35	4.51	48.86	68.20	-19.34	peak			

HORIZONTA



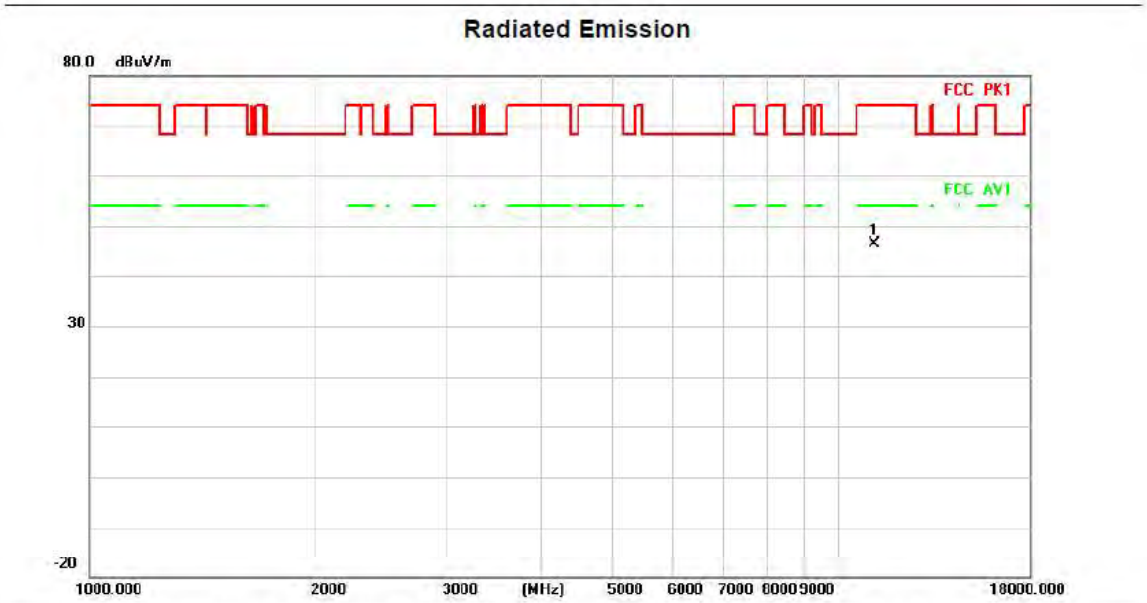
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11000.000	41.73	3.44	45.17	74.00	-28.83	peak			



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	Comment
1		5350.000	40.85	4.44	45.29	68.20	-22.91	peak			
2	*	5460.000	44.48	4.51	48.99	68.20	-19.21	peak			

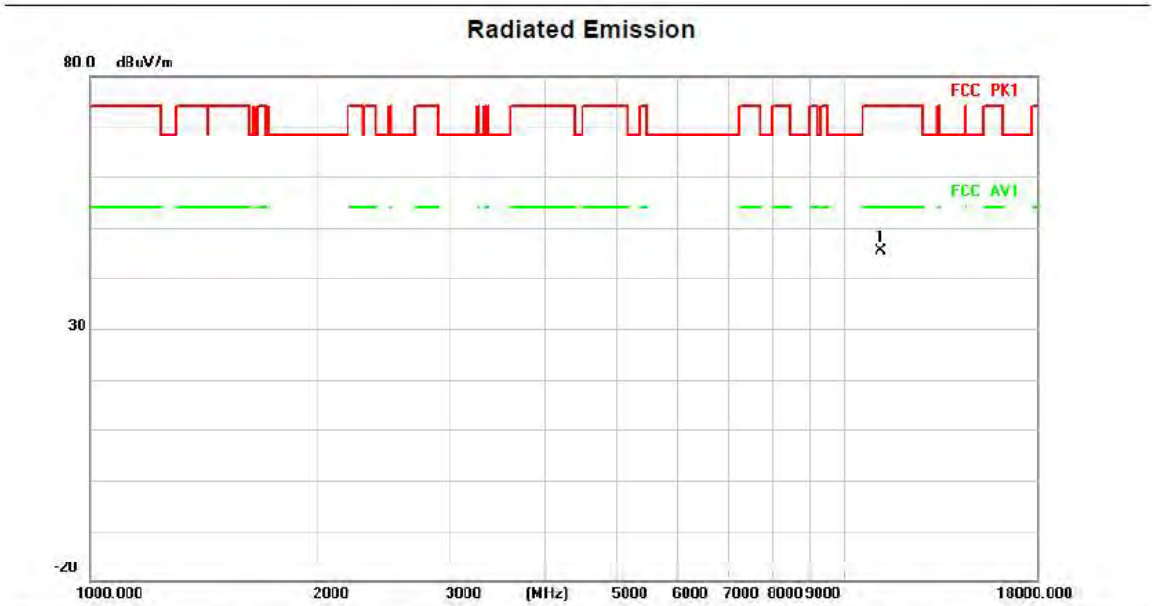
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:116

VERTICAL



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	Comment
1	*	11160.000	-2.50	48.77	46.27	74.00	-27.73	peak			

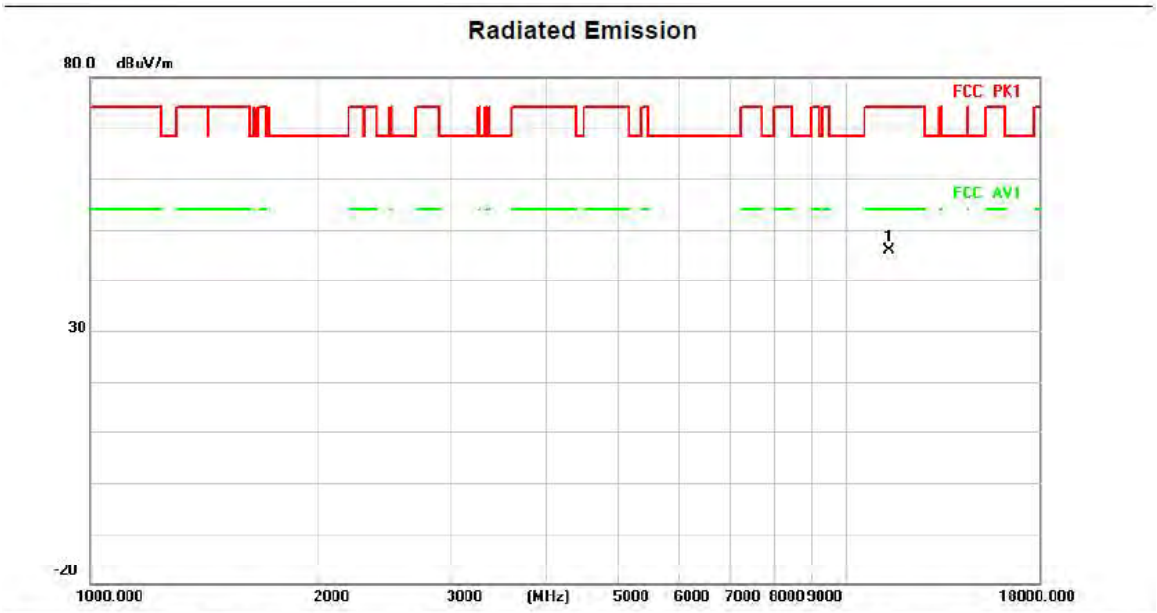
HORIZONTA



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	Comment
1	*	11160.000	-3.28	48.77	45.49	74.00	-28.51	peak			

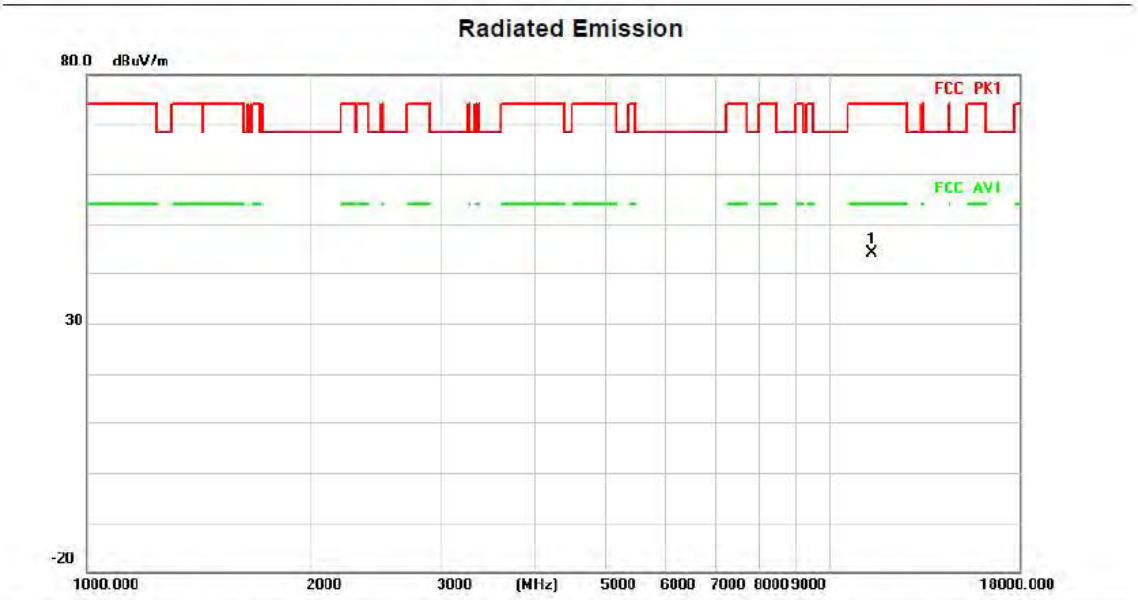
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:140

VERTICAL



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	Comment
1	*	11400.000	-3.22	49.06	45.84	74.00	-28.16	peak			

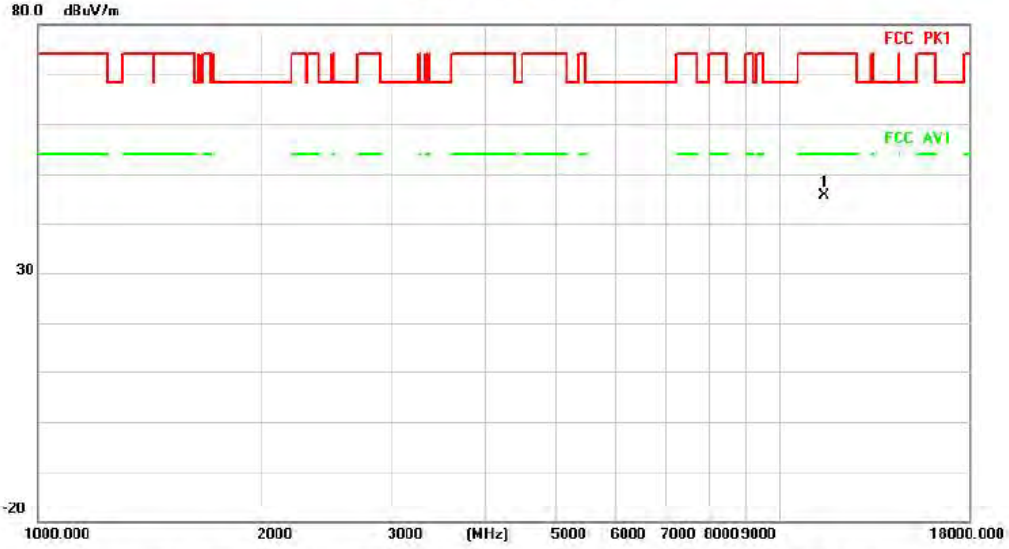
HORIZONTA



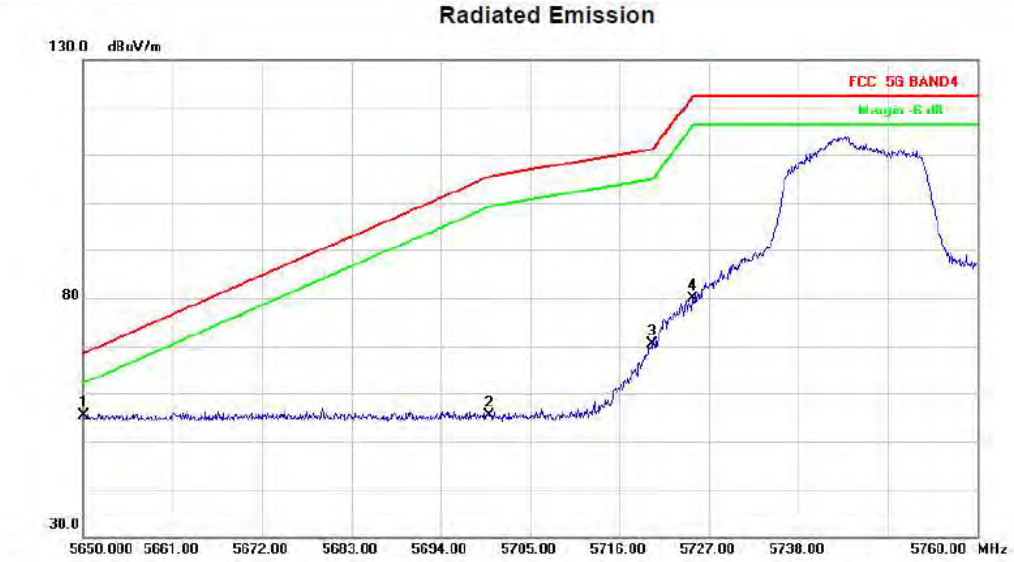
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11400.000	-4.98	49.06	44.08	74.00	-29.92	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:149

VERTICAL

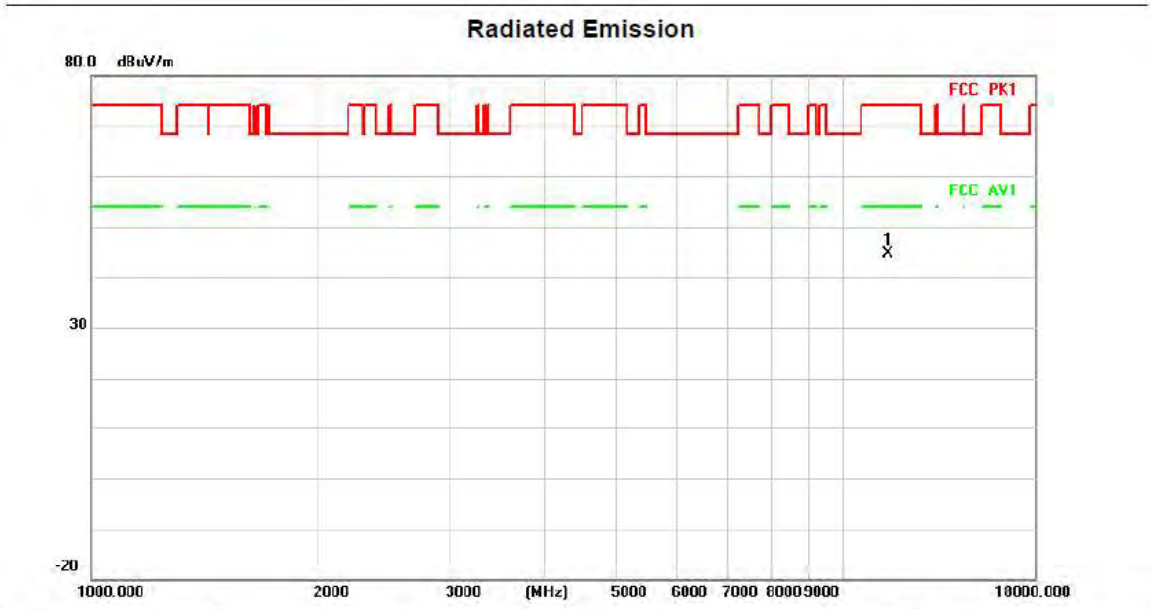


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	-3.53	49.26	45.73	74.00	-28.27	peak			

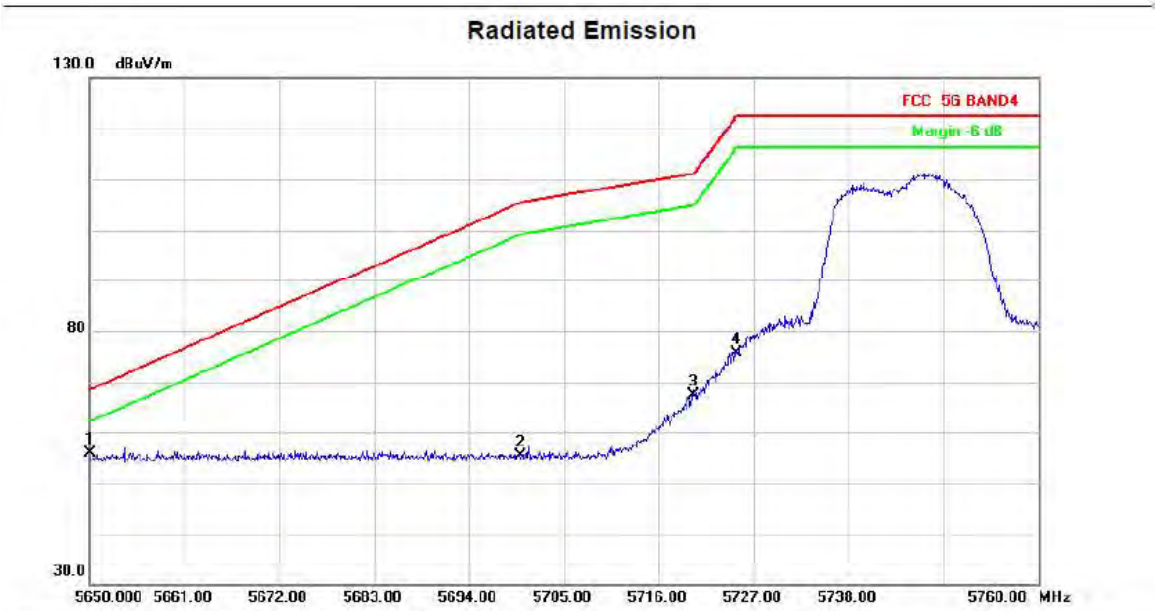


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5650.000	50.29	5.12	55.41	68.20	-12.79	peak			
2		5700.000	49.89	5.46	55.35	105.20	-49.85	peak			
3		5720.000	65.13	5.33	70.46	110.80	-40.34	peak			
4		5725.000	74.61	5.30	79.91	122.20	-42.29	peak			

HORIZONTA



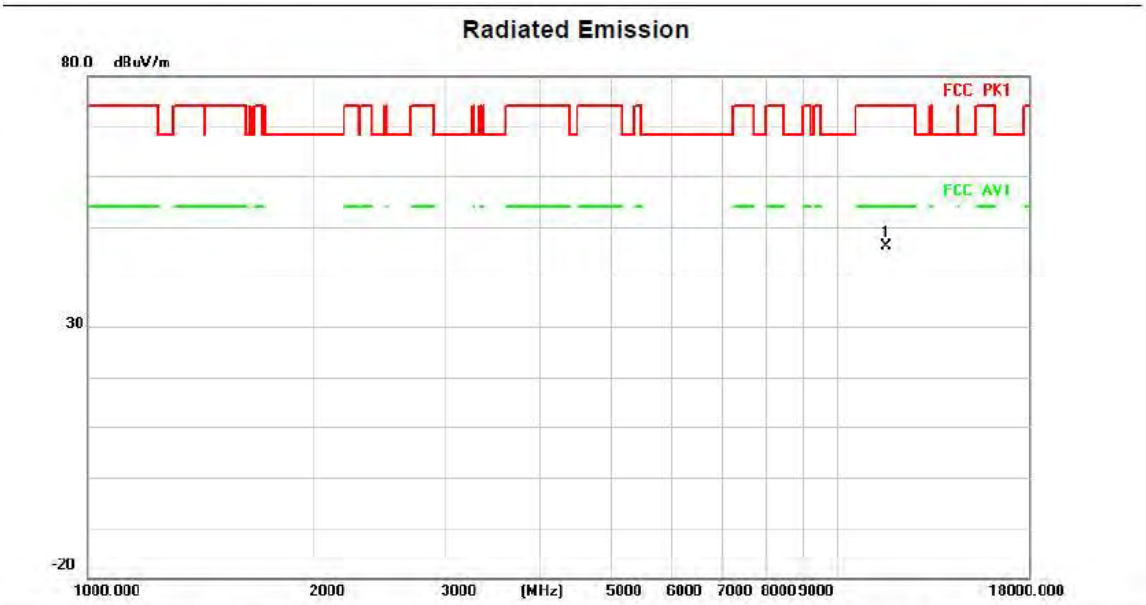
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11490.000	-4.59	49.26	44.67	74.00	-29.33	peak			



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	Comment
1	*	5650.000	50.67	5.12	55.79	68.20	-12.41	peak			
2		5700.000	50.01	5.46	55.47	105.20	-49.73	peak			
3		5720.000	62.00	5.33	67.33	110.80	-43.47	peak			
4		5725.000	70.26	5.30	75.56	122.20	-46.64	peak			

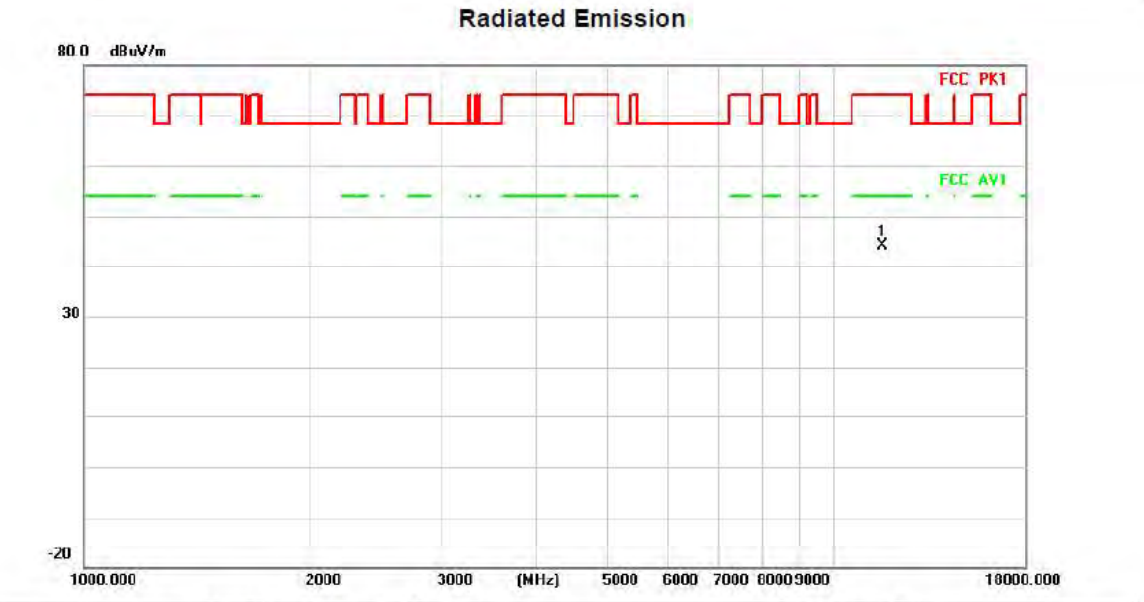
Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:157

VERTICAL



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	Comment
1	*	11570.000	-2.75	48.95	46.20	74.00	-27.80	peak			

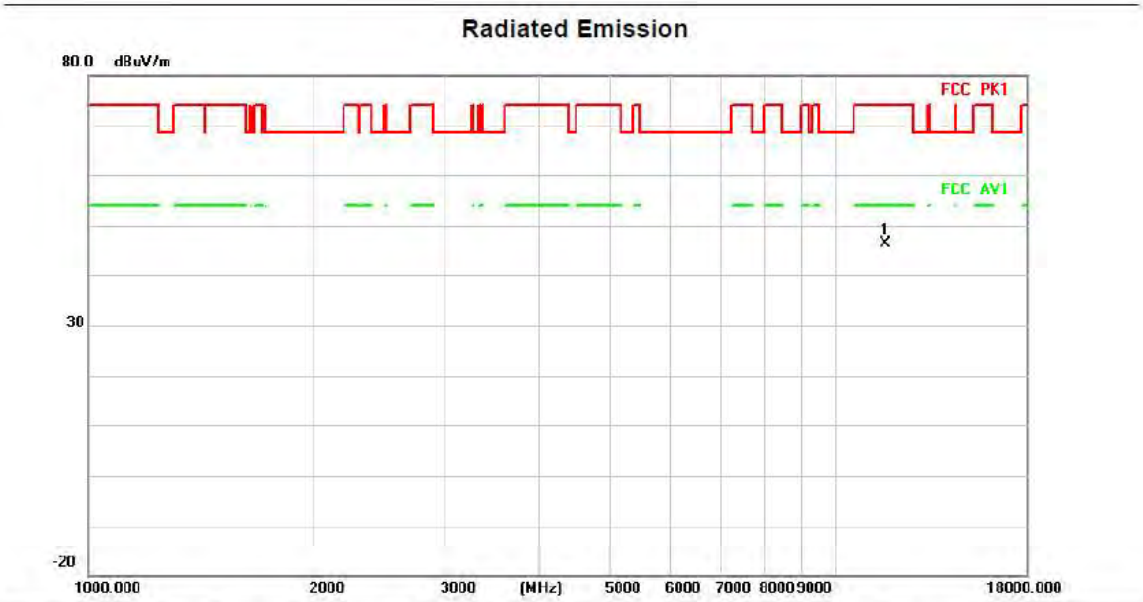
HORIZONTA



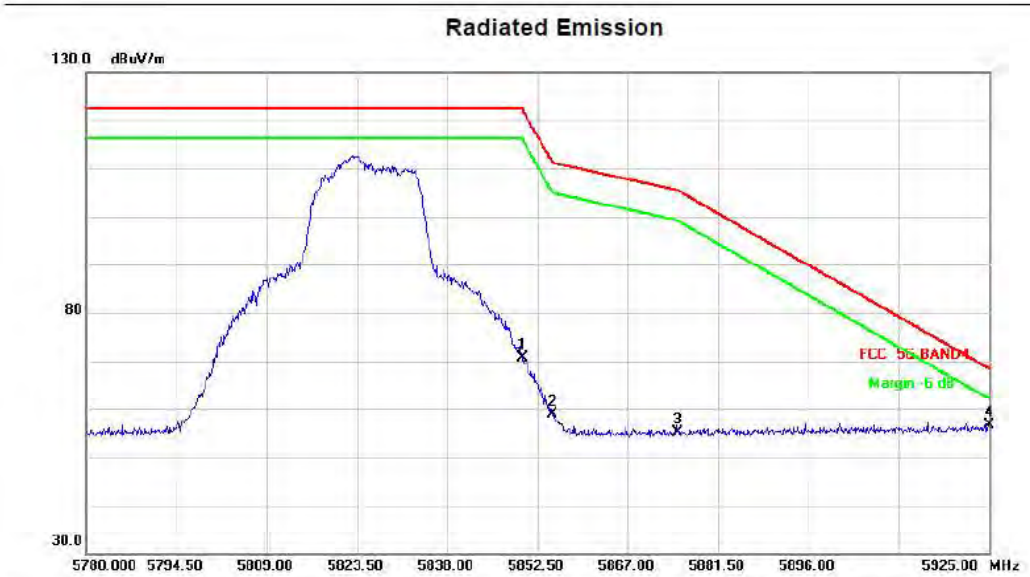
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11570.000	-4.78	48.95	44.17	74.00	-29.83	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N20MIMO	Test Channel:165

VERTICAL

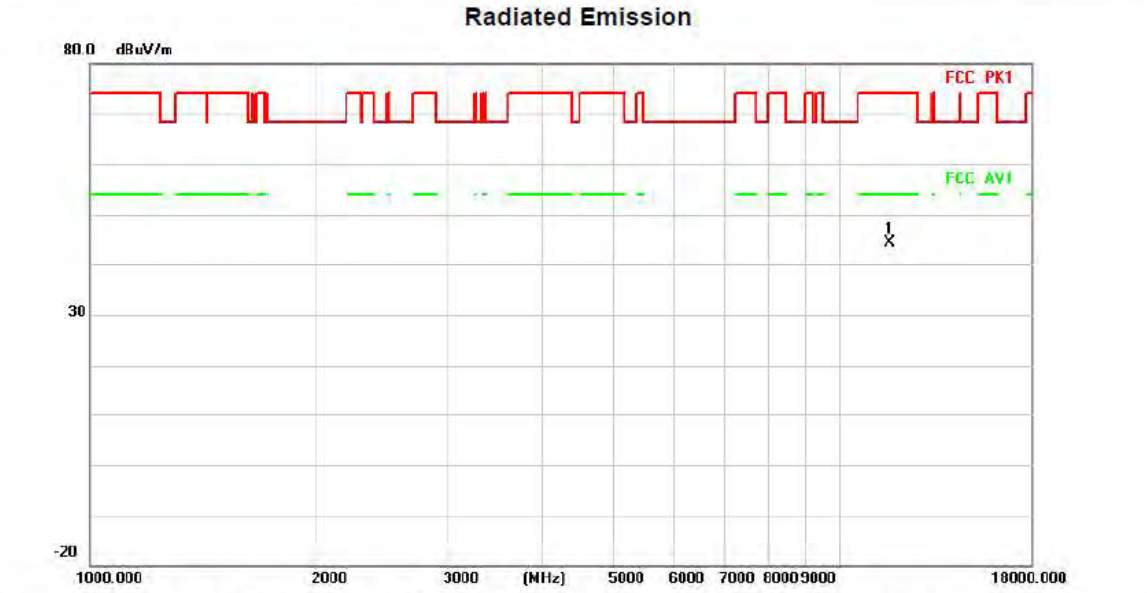


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	-2.30	48.62	46.32	74.00	-27.68	peak			

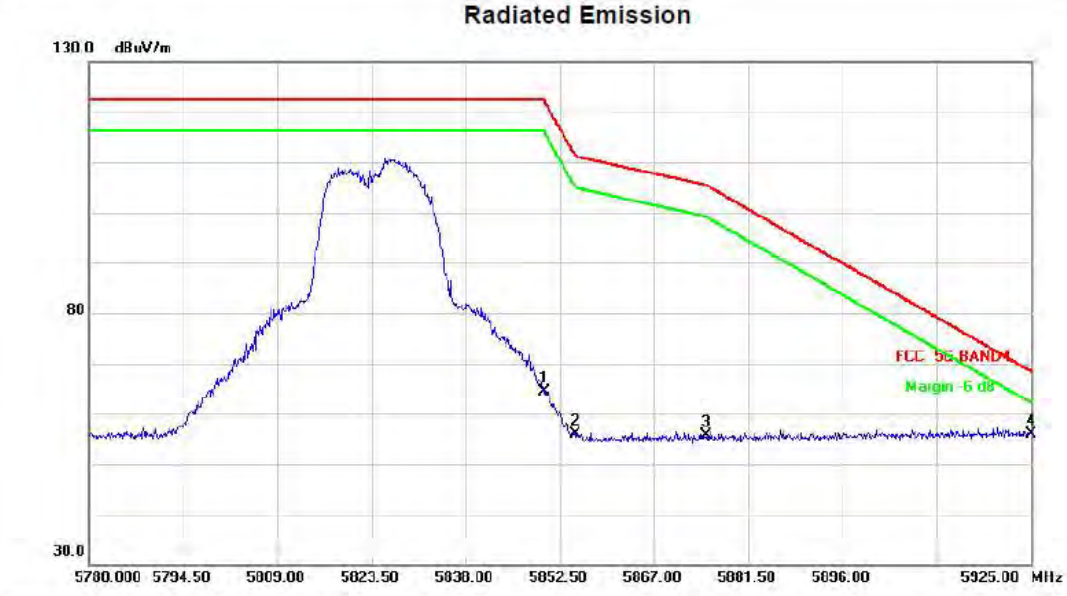


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	65.52	5.18	70.70	122.20	-51.50	peak			
2		5855.000	53.65	5.25	58.90	110.80	-51.90	peak			
3		5875.000	49.67	5.51	55.18	105.20	-50.02	peak			
4	*	5925.000	50.29	6.28	56.57	68.20	-11.63	peak			

HORIZONTA



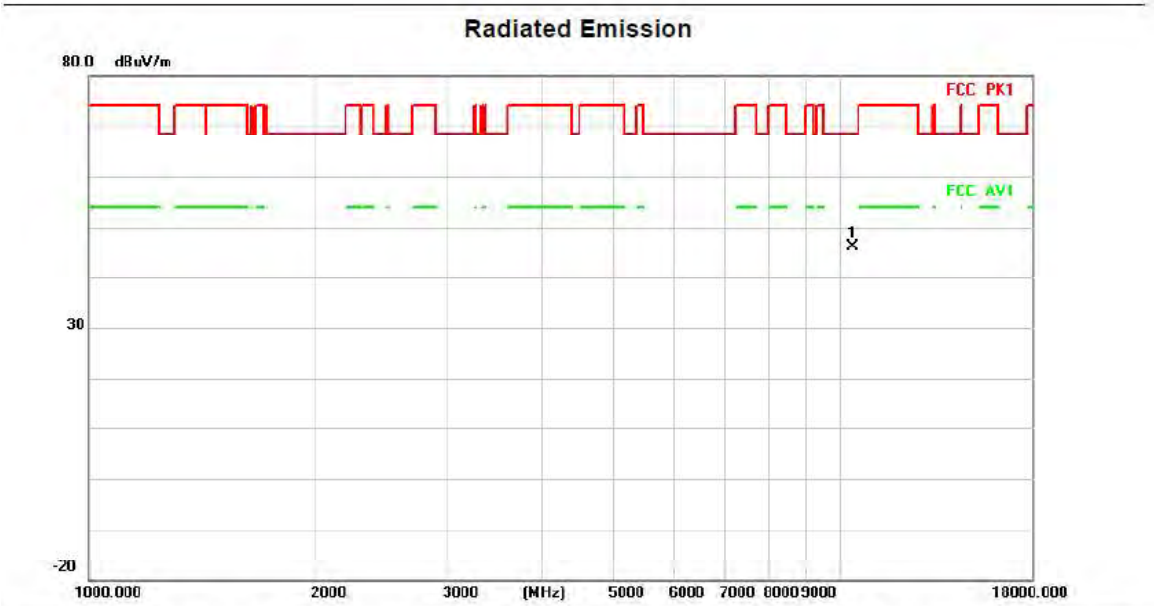
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	11650.000	-4.26	48.62	44.36	74.00	-29.64	peak			



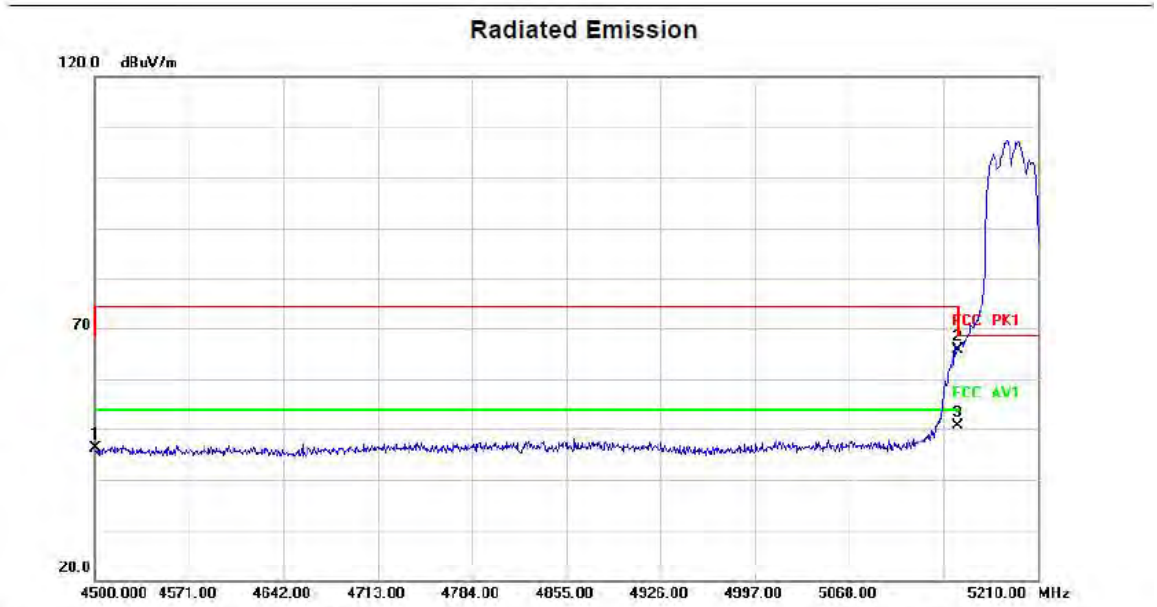
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	59.25	5.18	64.43	122.20	-57.77	peak			
2		5855.000	50.61	5.25	55.86	110.80	-54.94	peak			
3		5875.000	50.15	5.51	55.66	105.20	-49.54	peak			
4	*	5925.000	49.69	6.28	55.97	68.20	-12.23	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40MIMO	Test Channel:38

VERTICAL

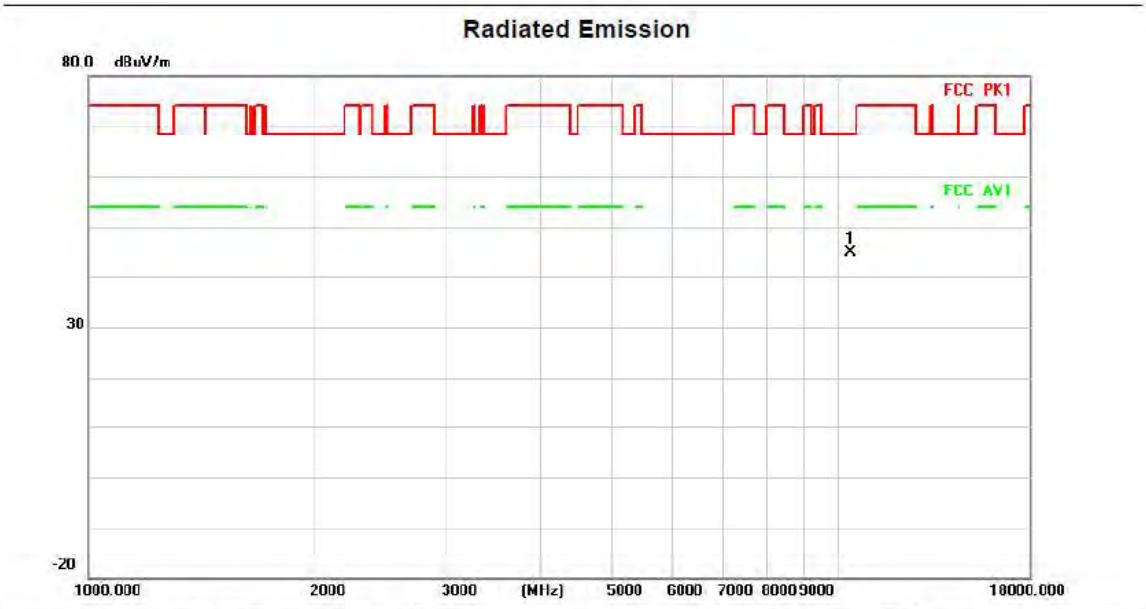


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	39.27	6.80	46.07	68.20	-22.13	peak			

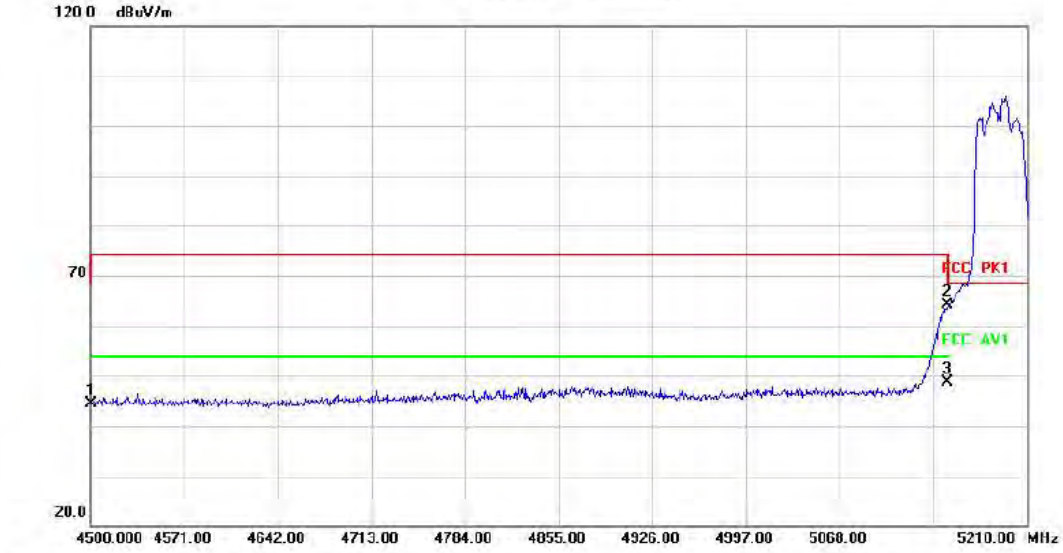


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4500.000	42.22	3.85	46.07	68.20	-22.13	peak			
2	*	5150.000	60.10	5.62	65.72	68.20	-2.48	peak			
3		5150.000	45.02	5.62	50.64	54.00	-3.36	AVG			

HORIZONTA



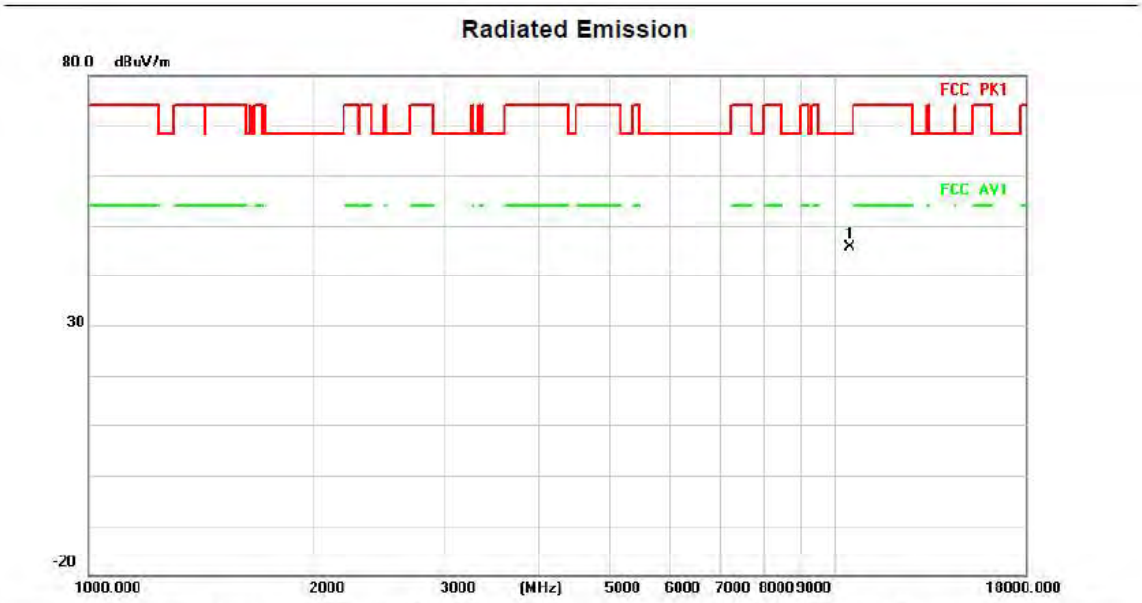
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10380.000	38.01	6.80	44.81	68.20	-23.39	peak			



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	Comment
1		4500.000	40.47	3.85	44.32	68.20	-23.88	peak			
2	*	5150.000	58.55	5.62	64.17	68.20	-4.03	peak			
3		5150.000	43.11	5.62	48.73	54.00	-5.27	AVG			

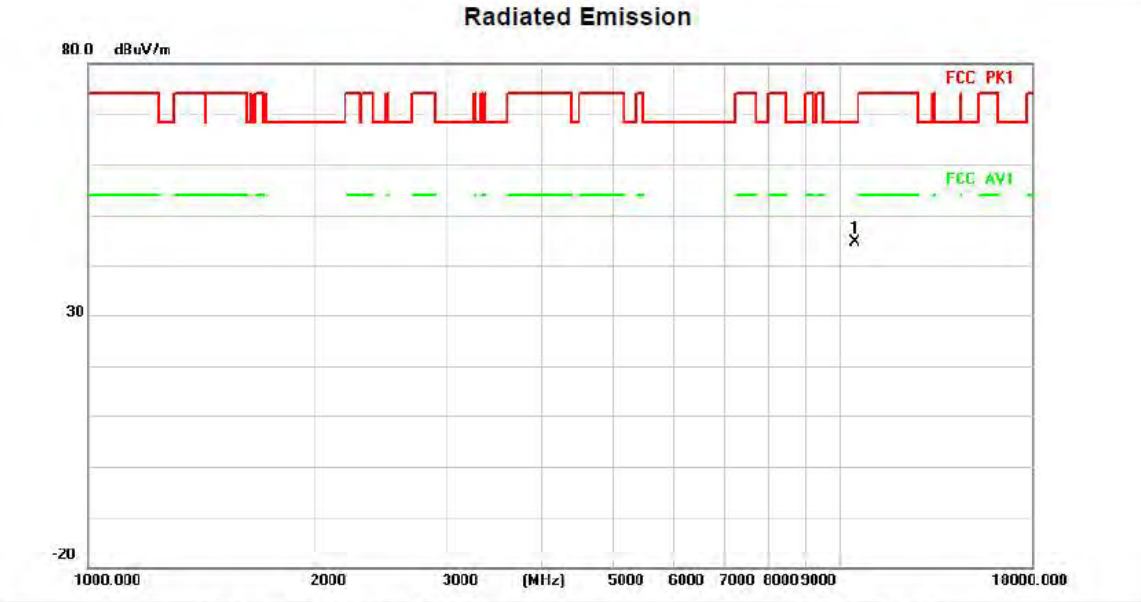
Above 1G (1GHz~18GHz)	Test mode: 11N40MIMO	Test Channel:46

VERTICAL



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	Comment
1	*	10460.000	39.21	6.49	45.70	68.20	-22.50	peak			

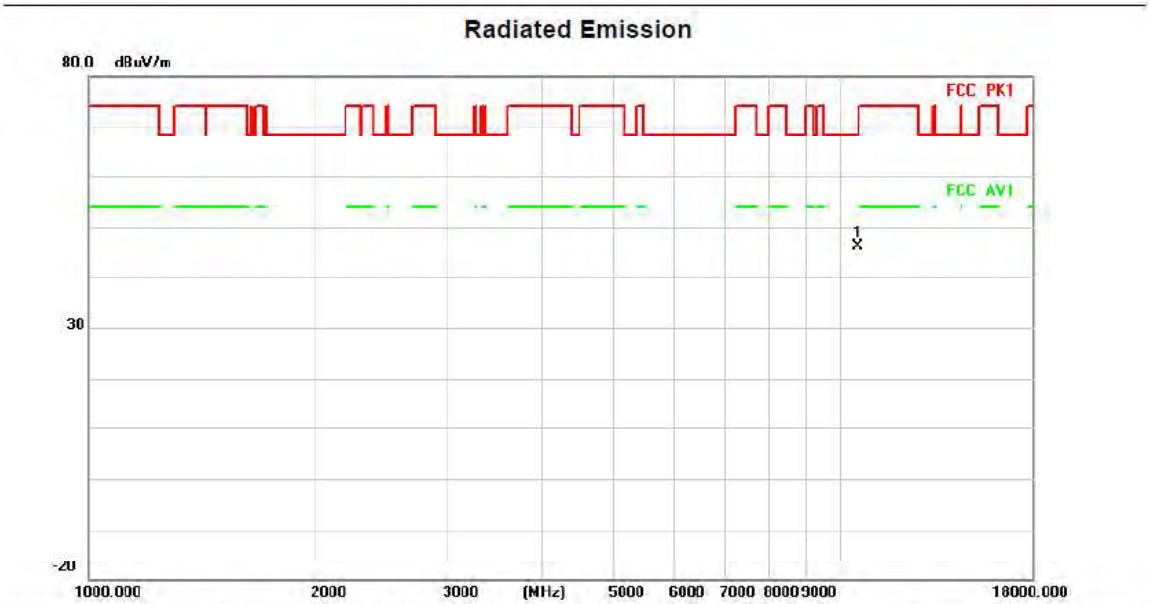
HORIZONTA



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	Comment
1	*	10460.000	38.04	6.49	44.53	68.20	-23.67	peak			

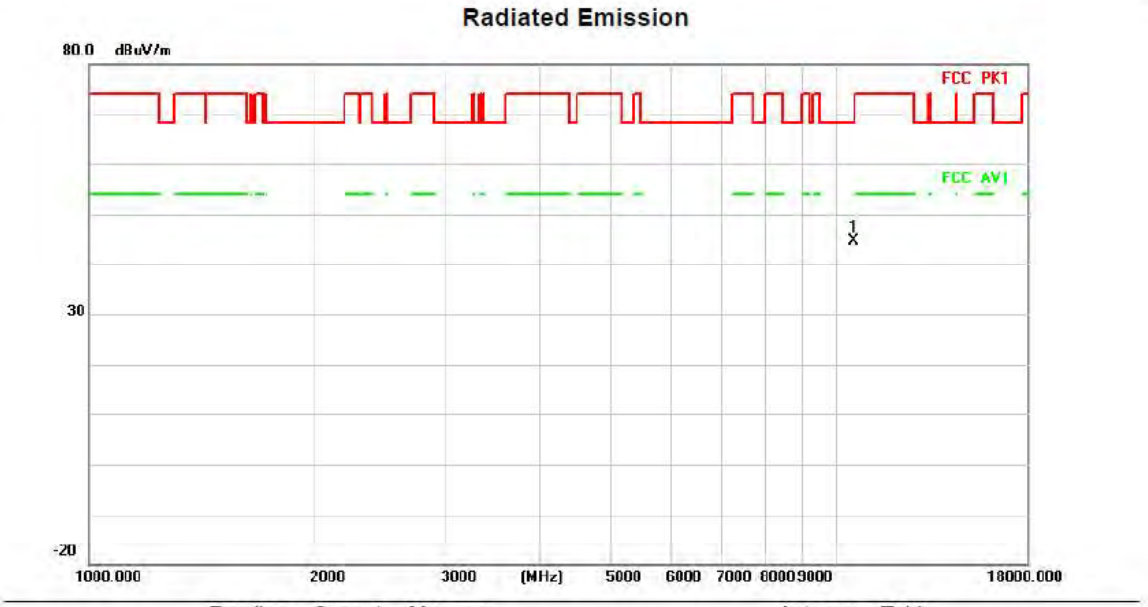
Above 1G (1GHz~18GHz)	Test mode: 11N40MIMO	Test Channel:54

VERTICAL



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	Comment
1	*	10540.000	40.04	6.14	46.18	68.20	-22.02	peak			

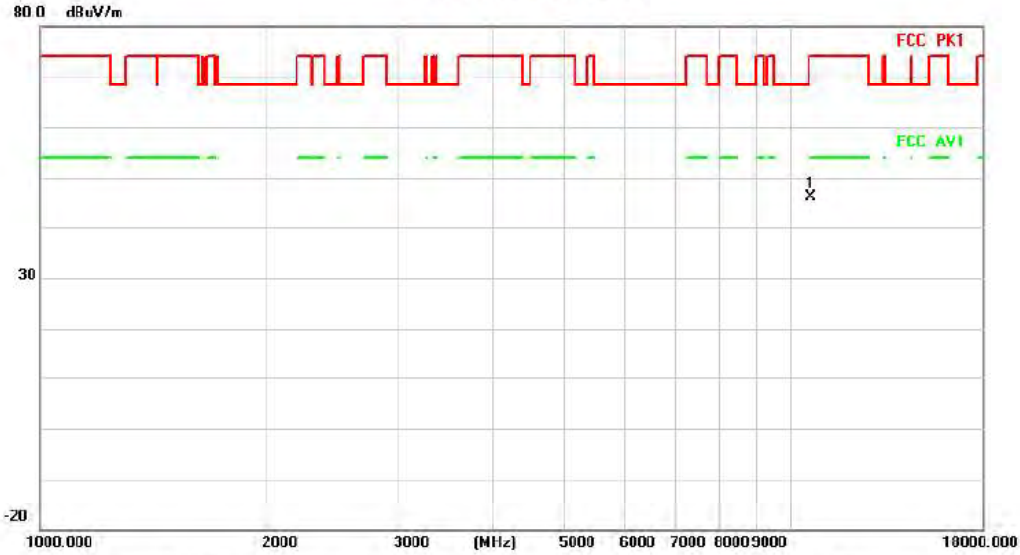
HORIZONTA



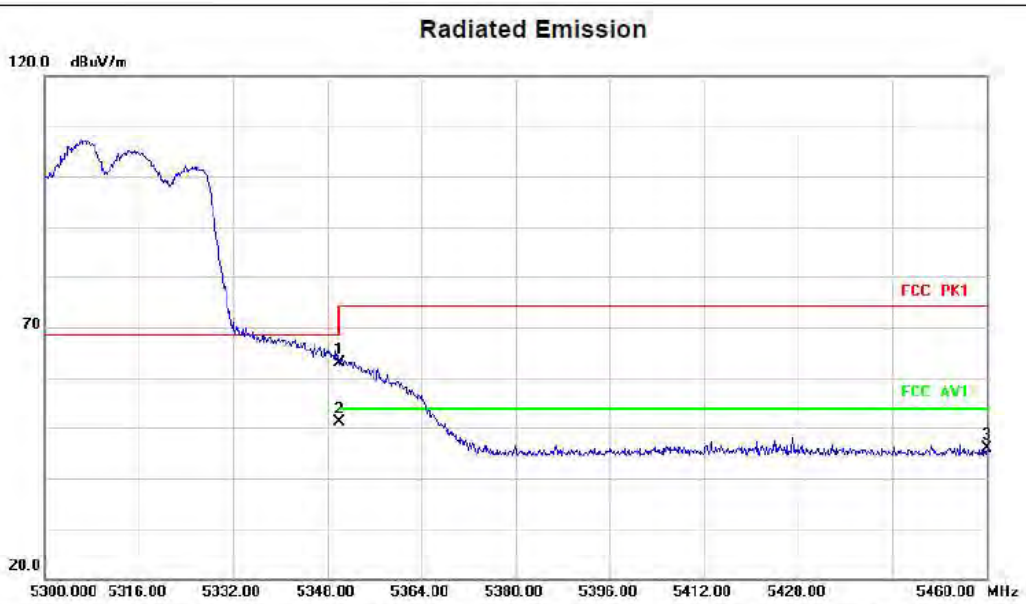
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10540.000	38.57	6.14	44.71	68.20	-23.49	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40MIMO	Test Channel:62

VERTICAL

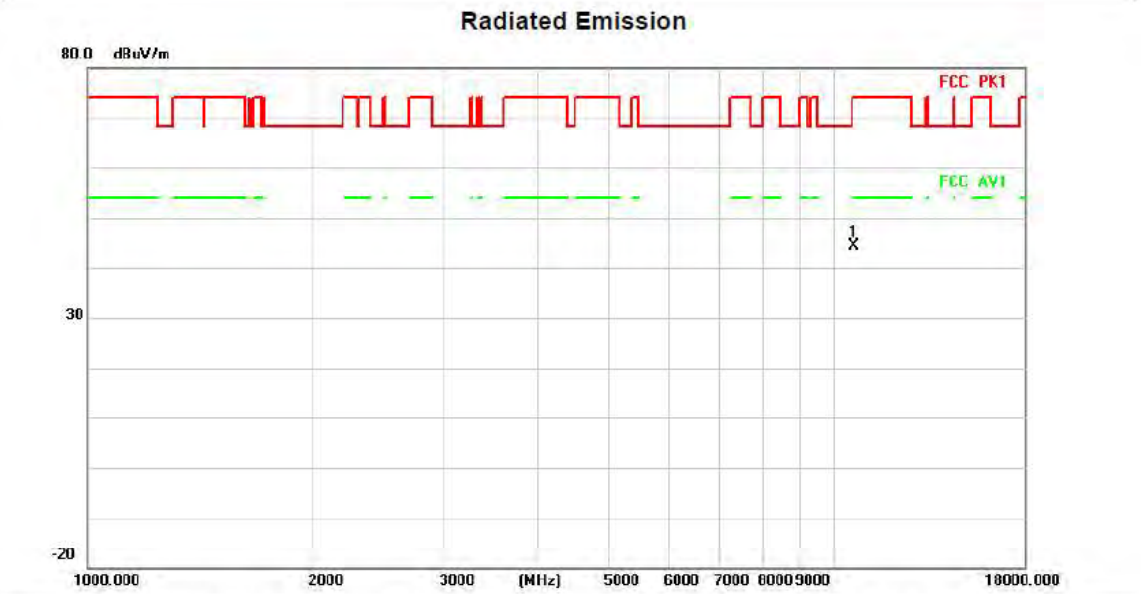


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	40.08	6.07	46.15	74.00	-27.85	peak			

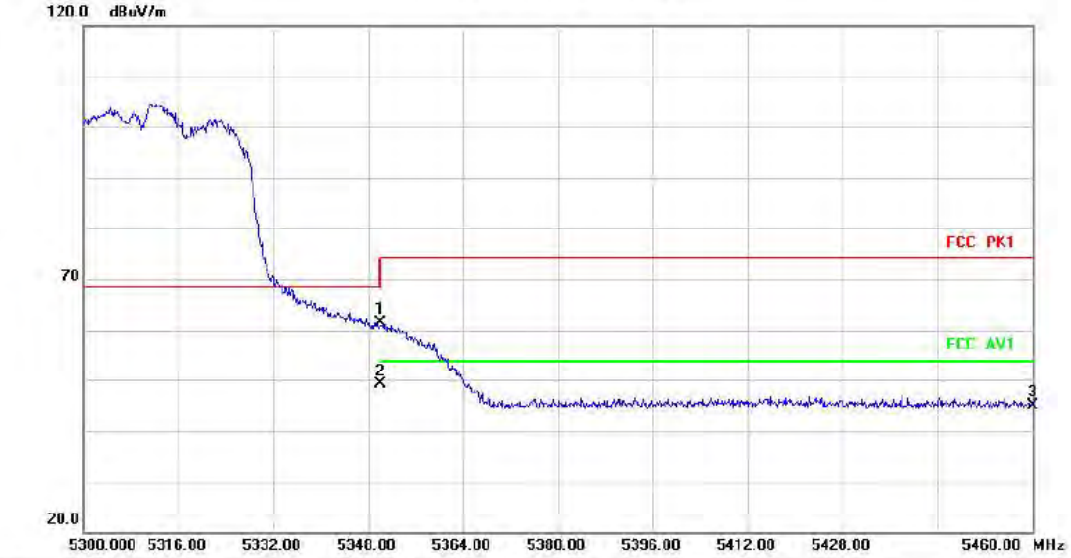


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	58.47	4.44	62.91	68.20	-5.29	peak			
2	*	5350.000	46.81	4.44	51.25	54.00	-2.75	AVG			
3		5460.000	41.34	4.51	45.85	68.20	-22.35	peak			

HORIZONTA



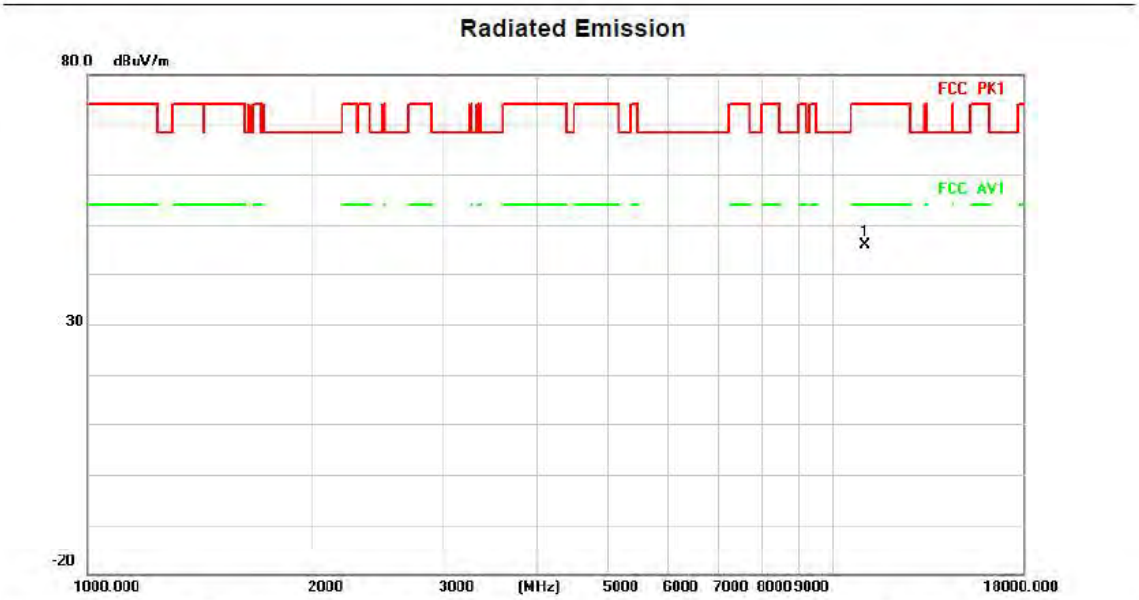
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	10620.000	38.28	6.07	44.35	74.00	-29.65	peak			



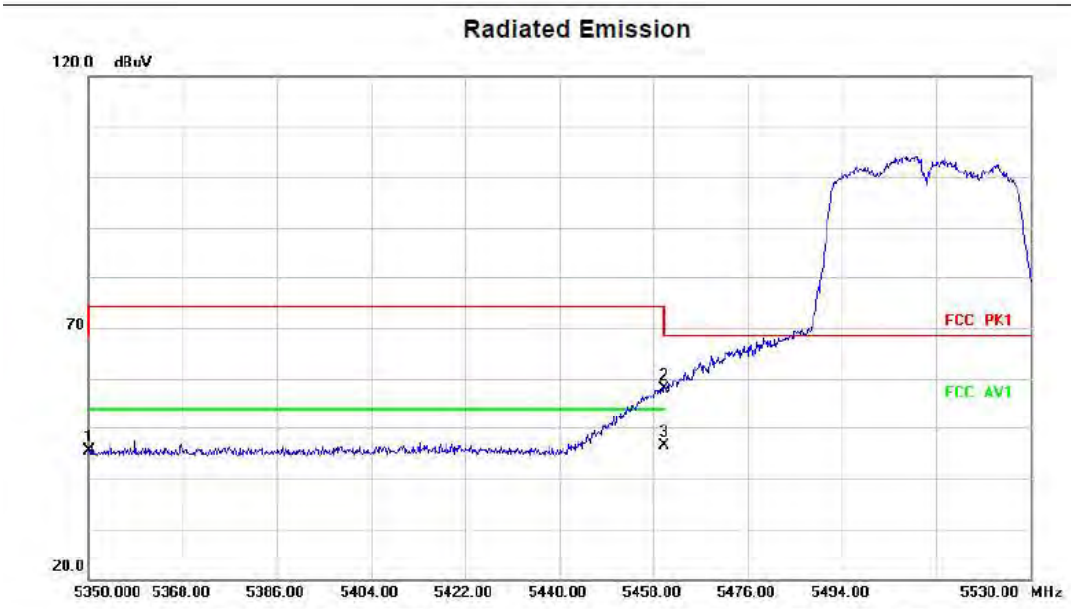
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5350.000	56.98	4.44	61.42	68.20	-6.78	peak			
2	*	5350.000	44.72	4.44	49.16	54.00	-4.84	AVG			
3		5460.000	40.47	4.51	44.98	68.20	-23.22	peak			

Above 1G (1GHz~18GHz)	Test mode: 11N40MIMO	Test Channel:102

VERTICAL



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	Comment
1	*	11020.000	42.10	3.66	45.76	74.00	-28.24	peak			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		5350.000	40.93	4.44	45.37	68.20	-22.83	peak			
2		5460.000	53.27	4.51	57.78	68.20	-10.42	peak			
3	*	5460.000	41.79	4.51	46.30	54.00	-7.70	AVG			