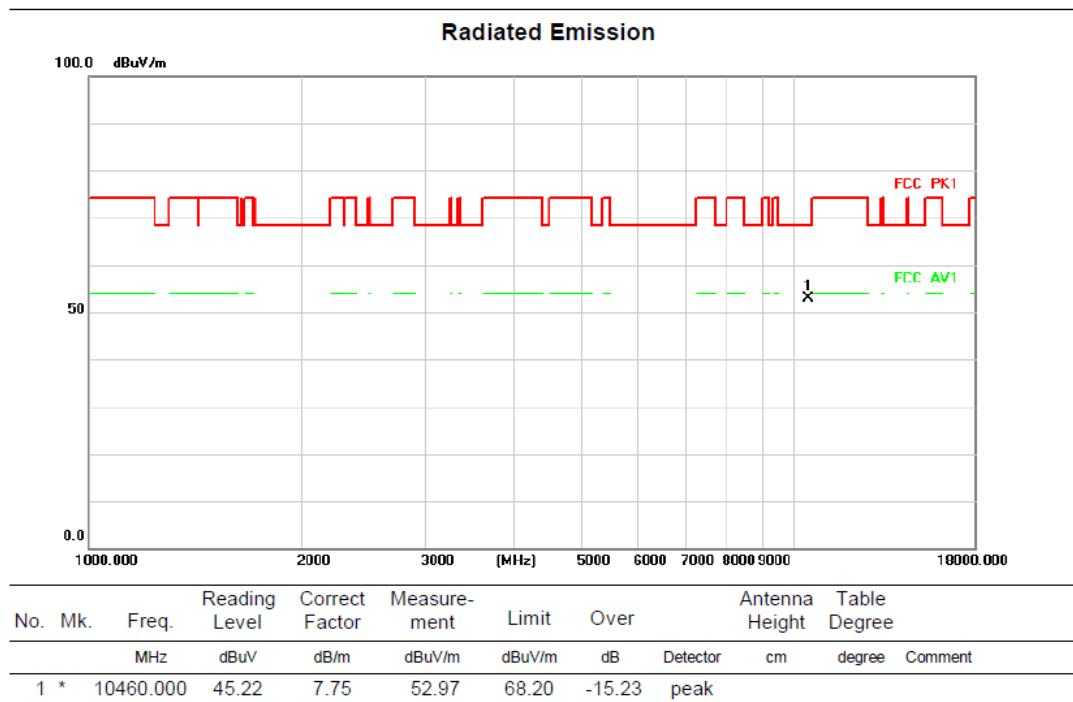


Above 1GHz (1GHz~18GHz)

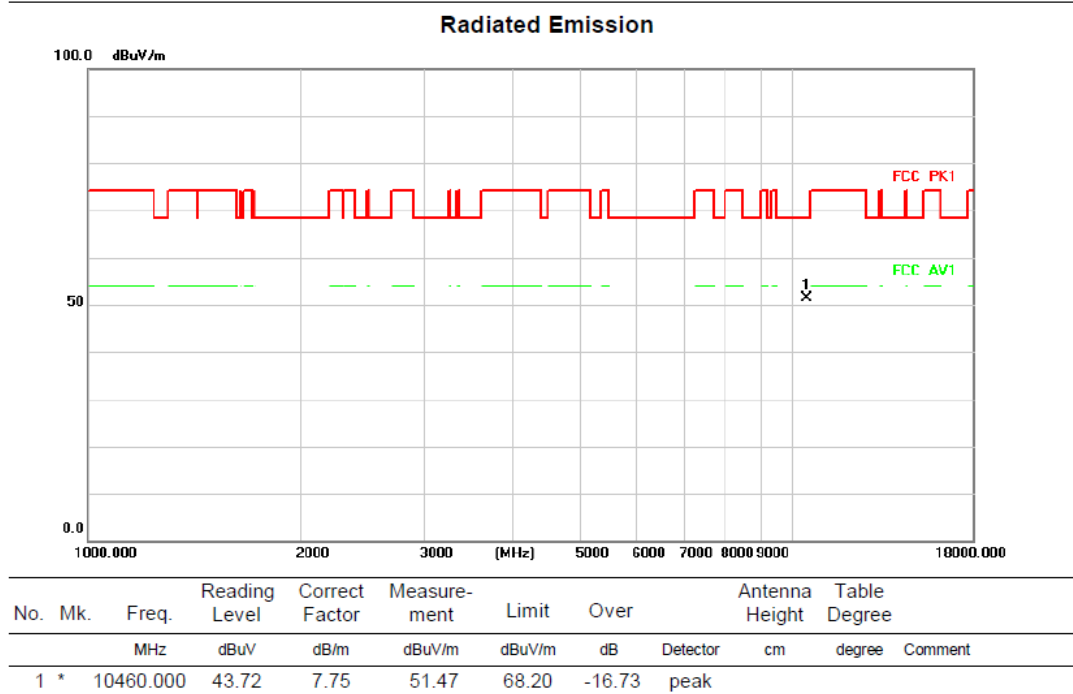
Test mode: 11N40

Test Channel:46

VERTICAL



HORIZONTAL



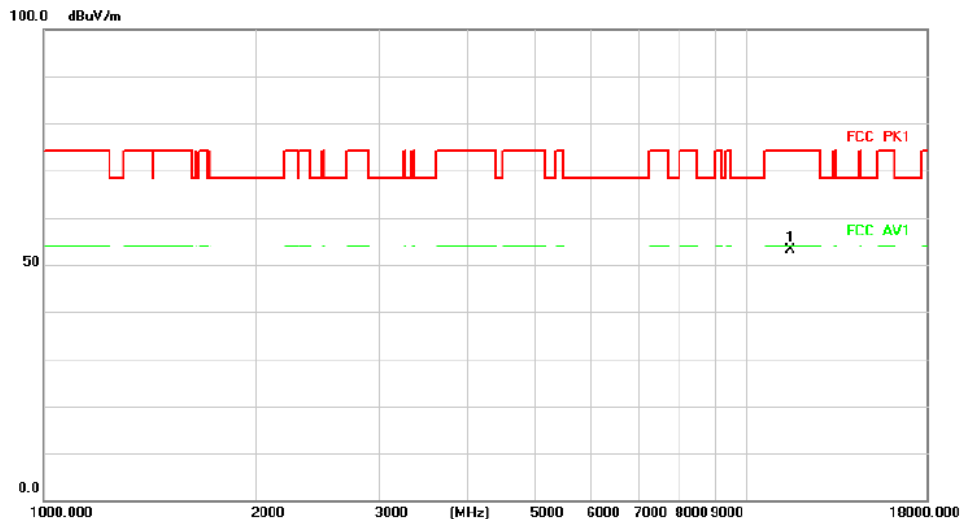
Above 1GHz (1GHz~18GHz)

Test mode: 11N40

Test Channel:151

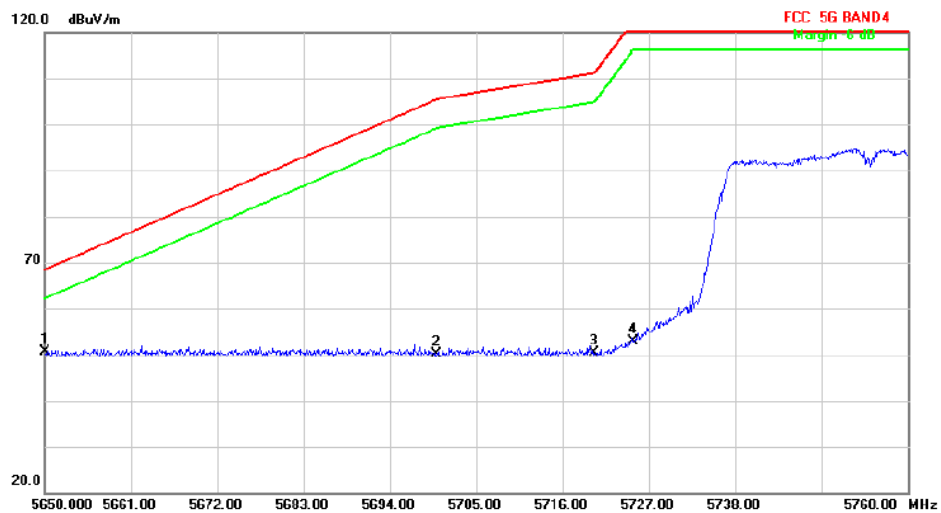
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	11510.000	2.04	50.97	53.01	74.00	-20.99	peak		Comment

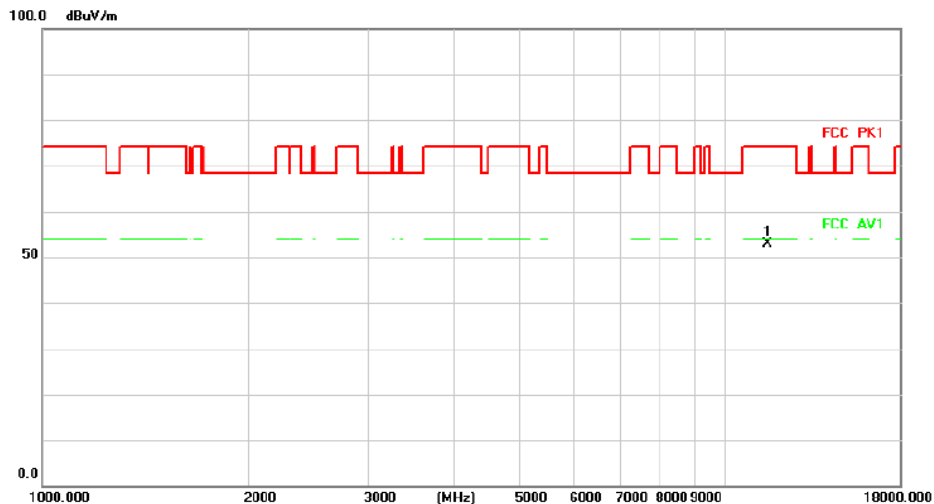
Radiated Emission



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	*	5650.000	44.32	6.22	50.54	68.20	-17.66	peak		Comment
2		5700.000	43.71	6.50	50.21	105.20	-54.99	peak		
3		5720.000	44.00	6.32	50.32	110.80	-60.48	peak		
4		5725.000	46.70	6.28	52.98	122.20	-69.22	peak		

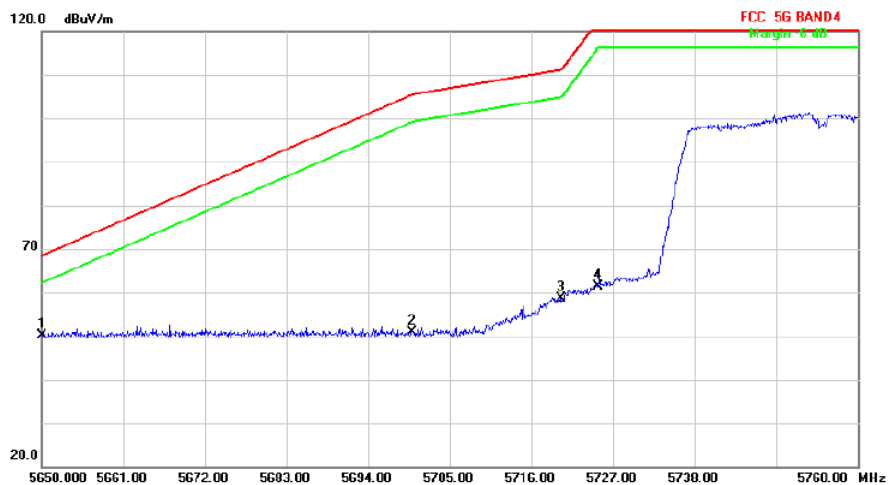
HORIZONTALA

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	11510.000	1.85	50.97	52.82	74.00	-21.18	peak	

Radiated Emission



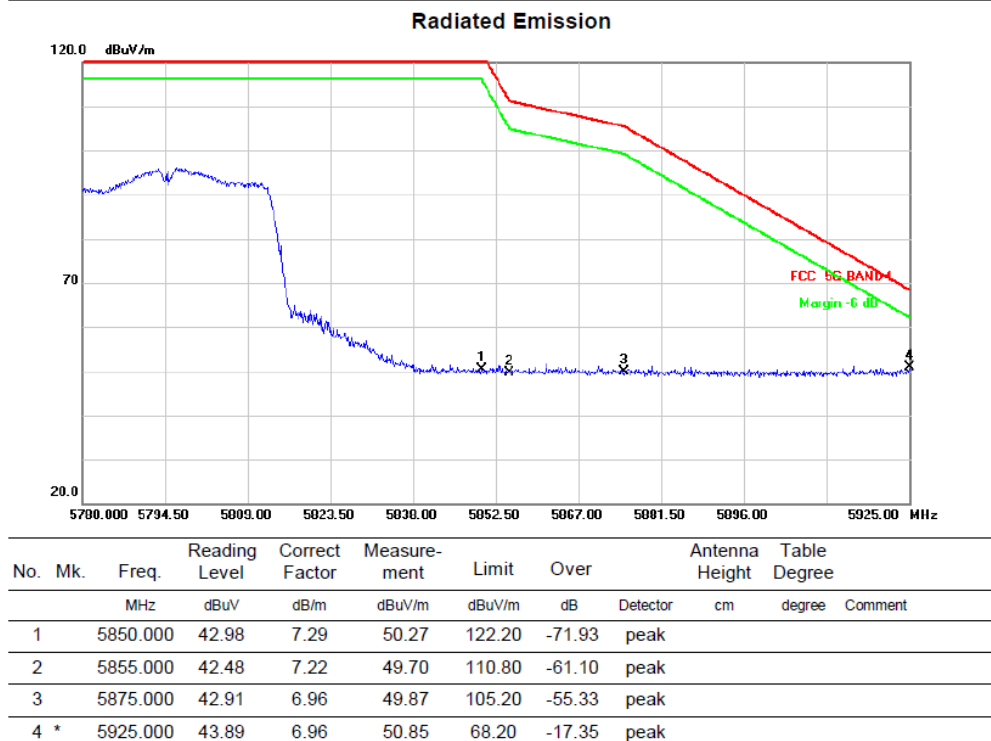
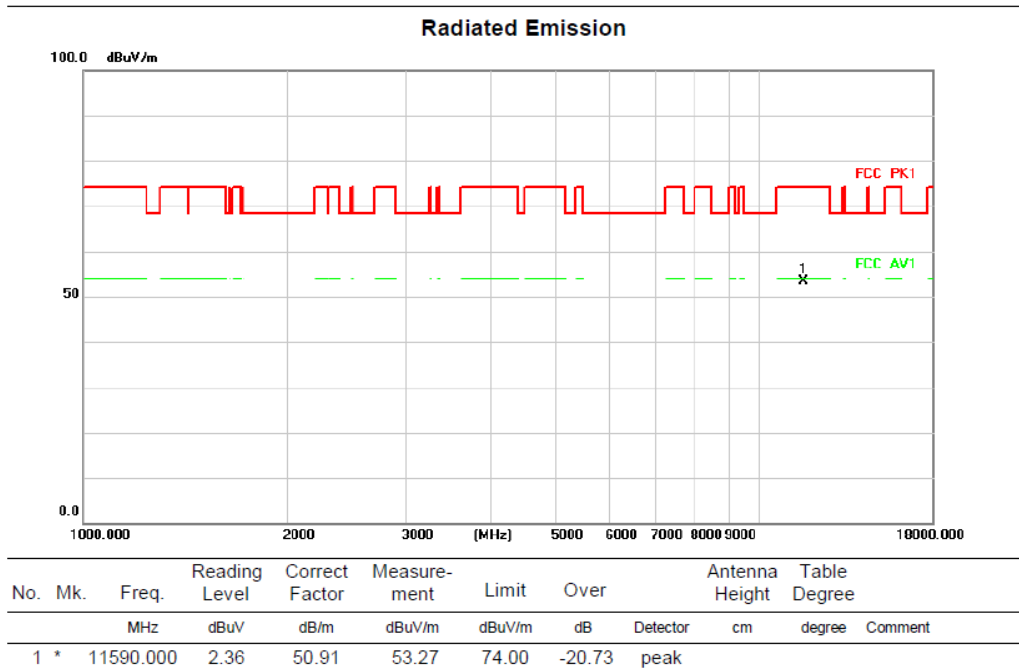
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1	*	5650.000	43.97	6.22	50.19	68.20	-18.01	peak	
2		5700.000	44.37	6.50	50.87	105.20	-54.33	peak	
3		5720.000	52.27	6.32	58.59	110.80	-52.21	peak	
4		5725.000	55.19	6.28	61.47	122.20	-60.73	peak	

Above 1GHz (1GHz~18GHz)

Test mode: 11N40

Test Channel:159

VERTICAL

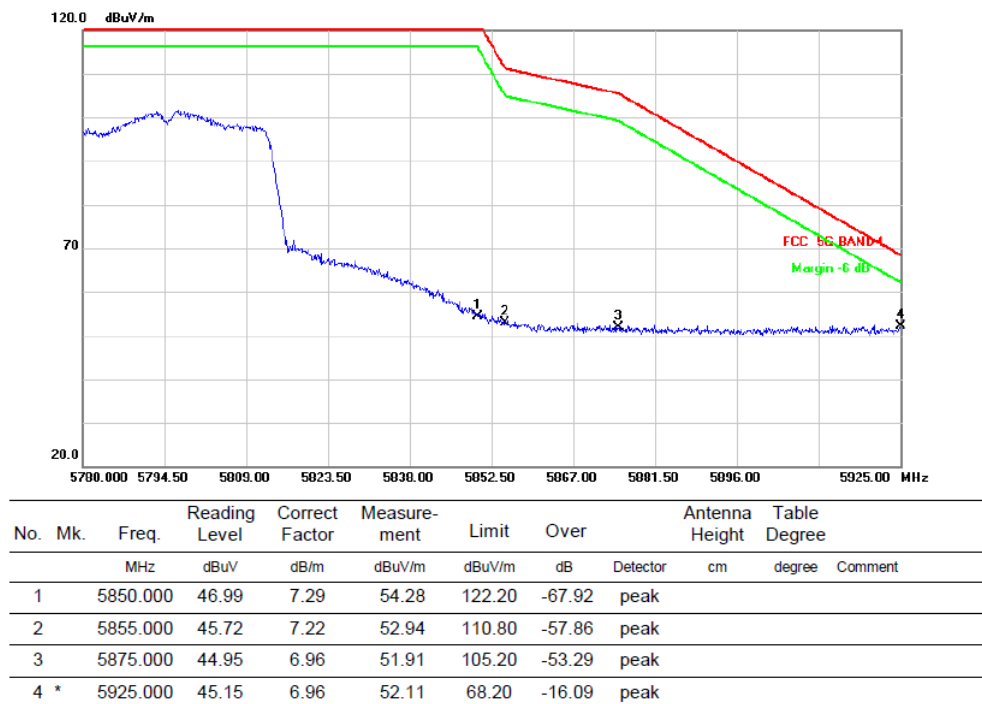


HORIZONTALA

Radiated Emission



Radiated Emission

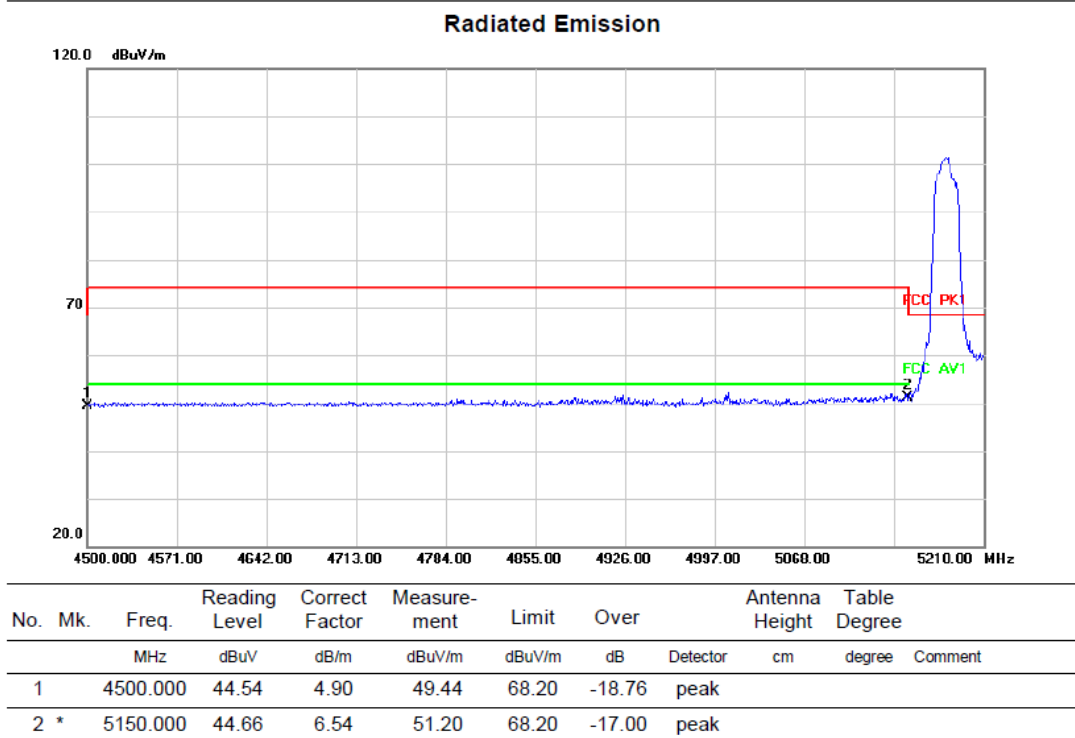
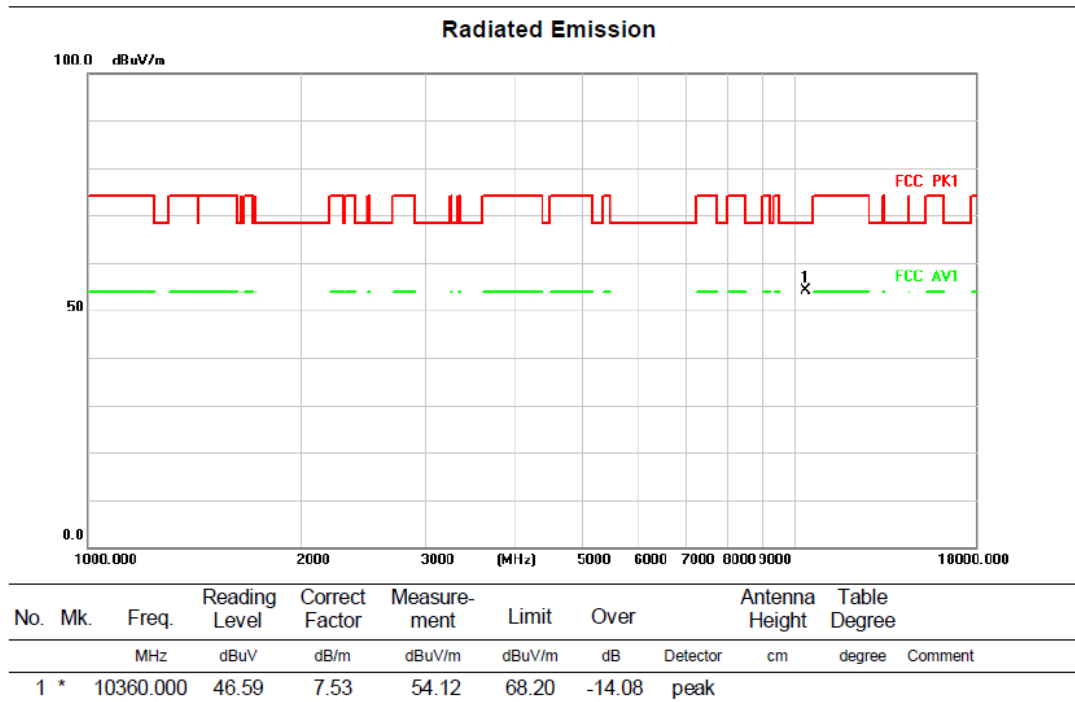


Above 1GHz (1GHz~18GHz)

Test mode: 11AC20

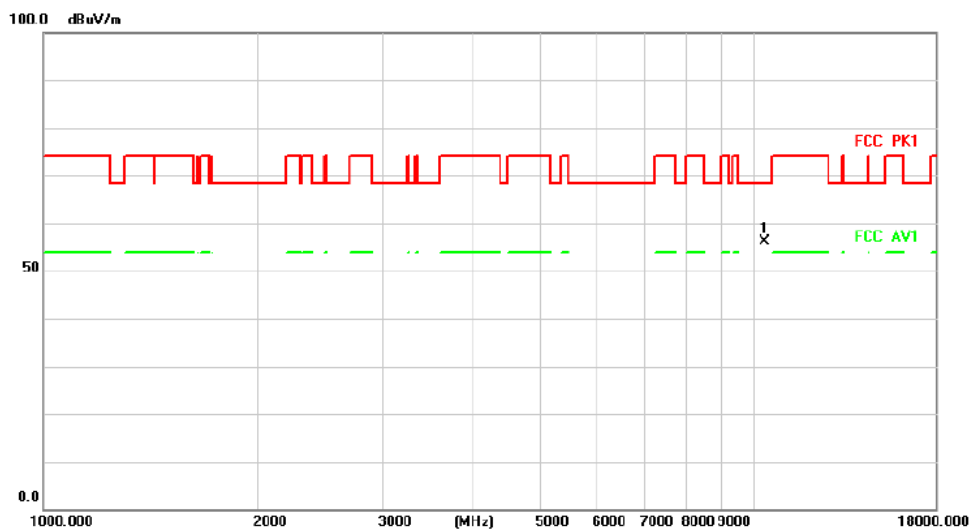
Test Channel:36

VERTICAL



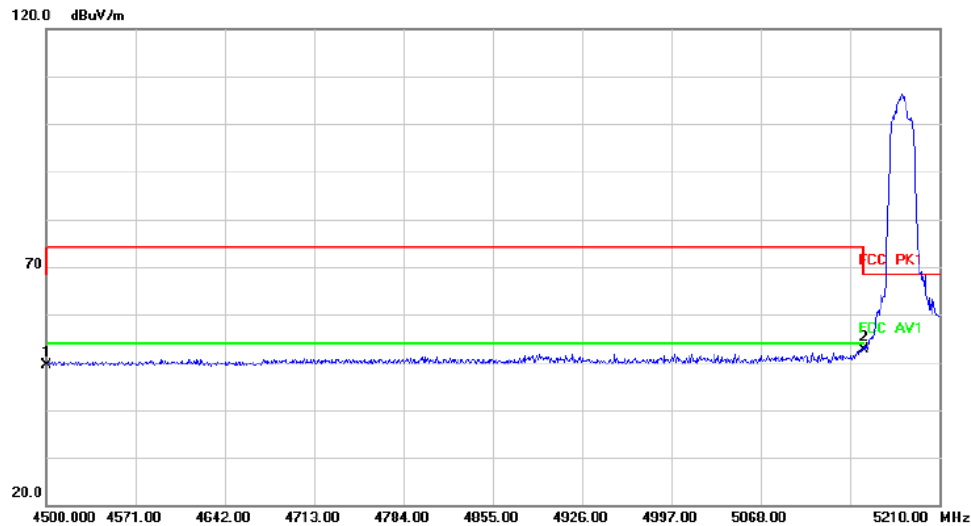
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.000	48.68	7.53	56.21	68.20	-11.99	peak		

Radiated Emission



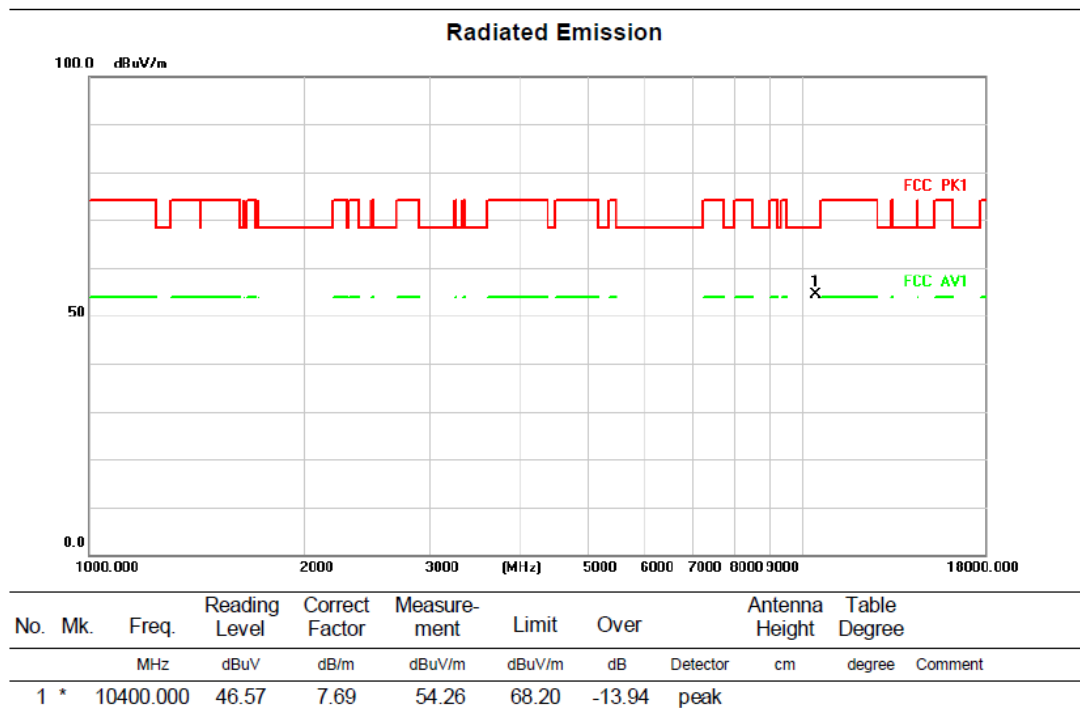
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	44.57	4.90	49.47	68.20	-18.73	peak		
2	*	5150.000	46.14	6.54	52.68	68.20	-15.52	peak		

Above 1GHz (1GHz~18GHz)

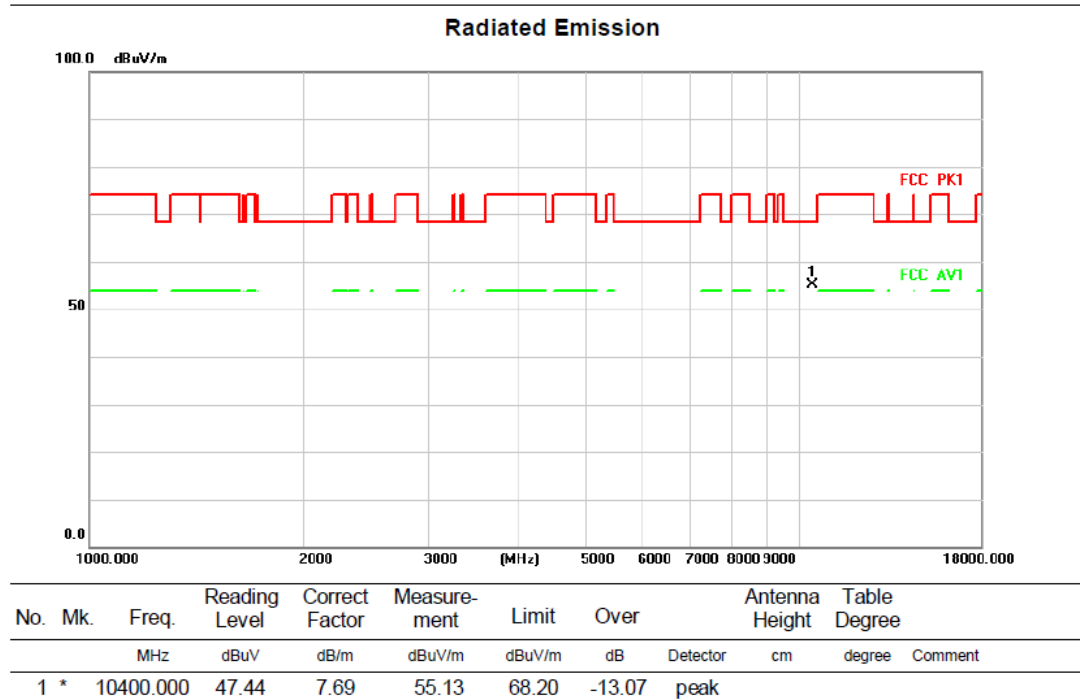
Test mode: 11AC20

Test Channel:40

VERTICAL



HORIZONTAL

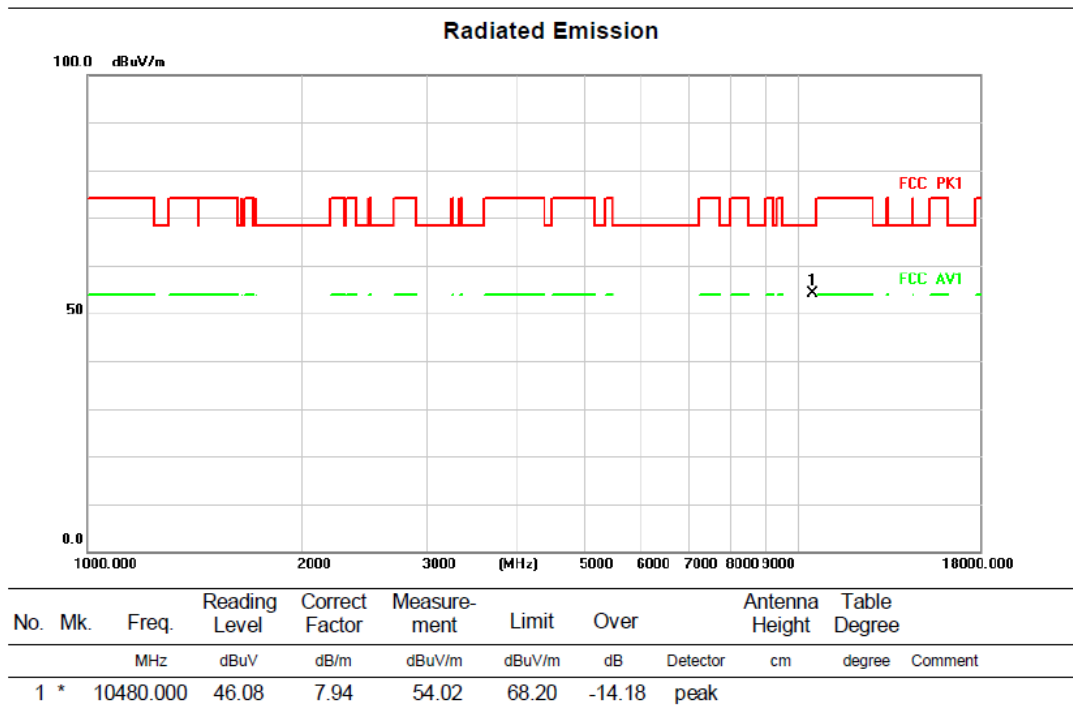


Above 1GHz (1GHz~18GHz)

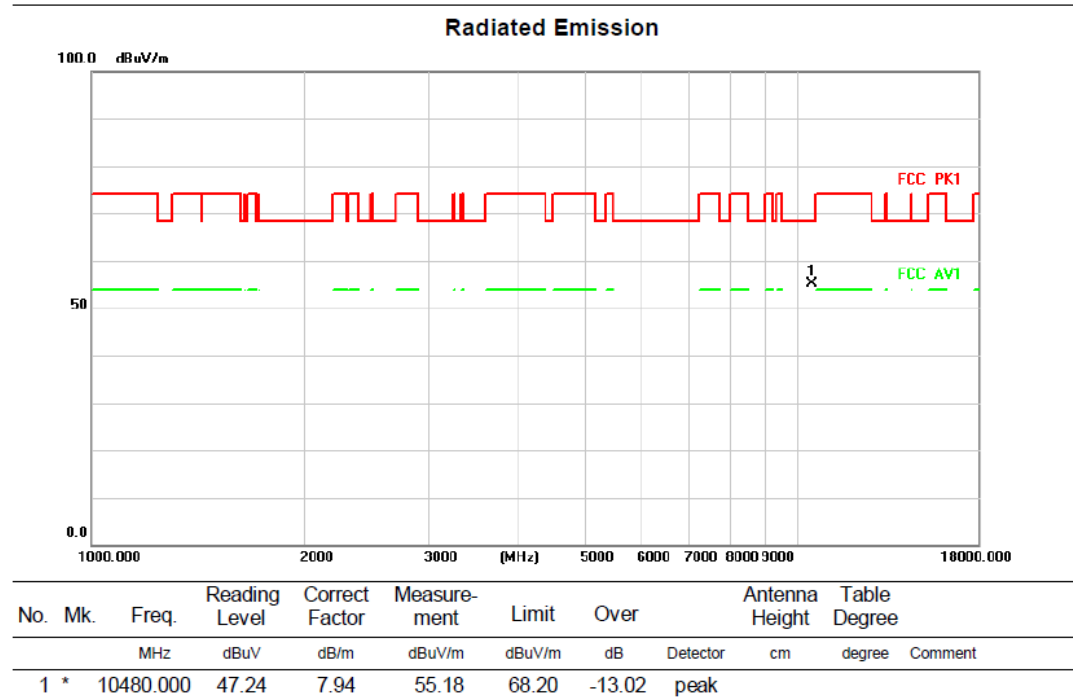
Test mode: 11AC20

Test Channel:48

VERTICAL



HORIZONTAL

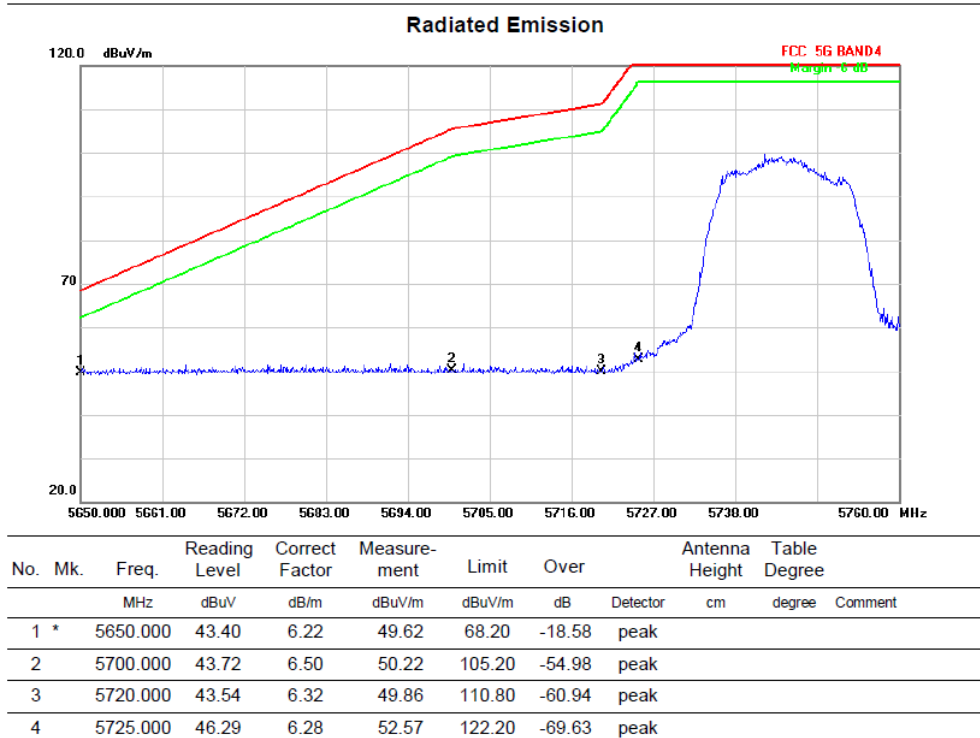
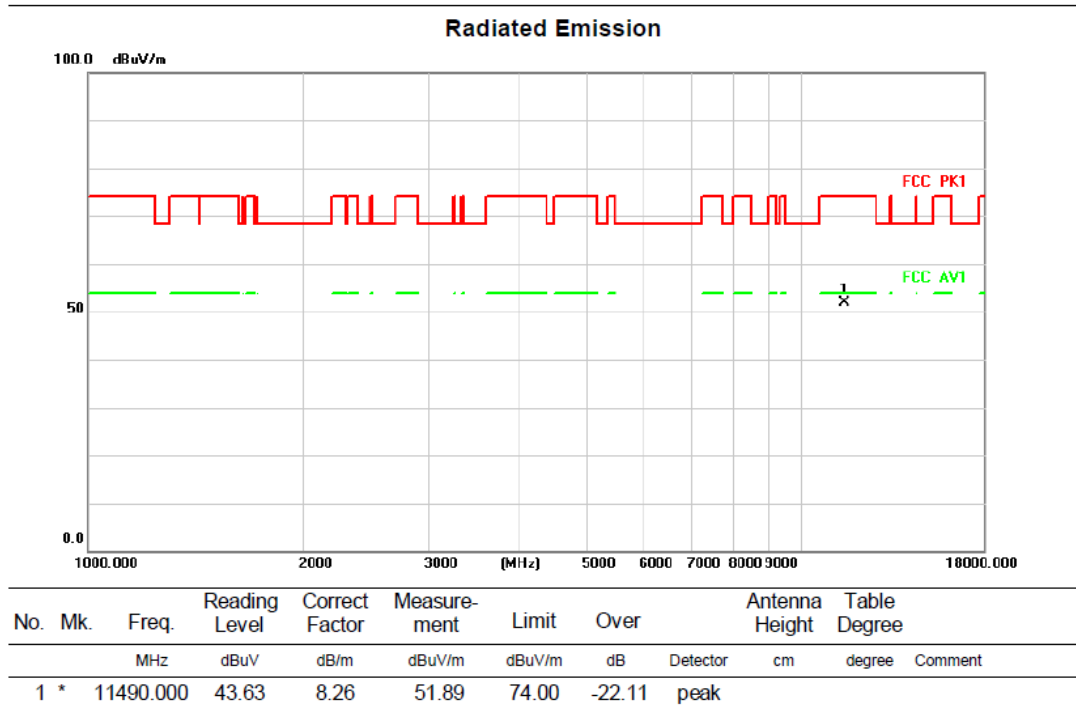


Above 1GHz (1GHz~18GHz)

Test mode: 11AC20

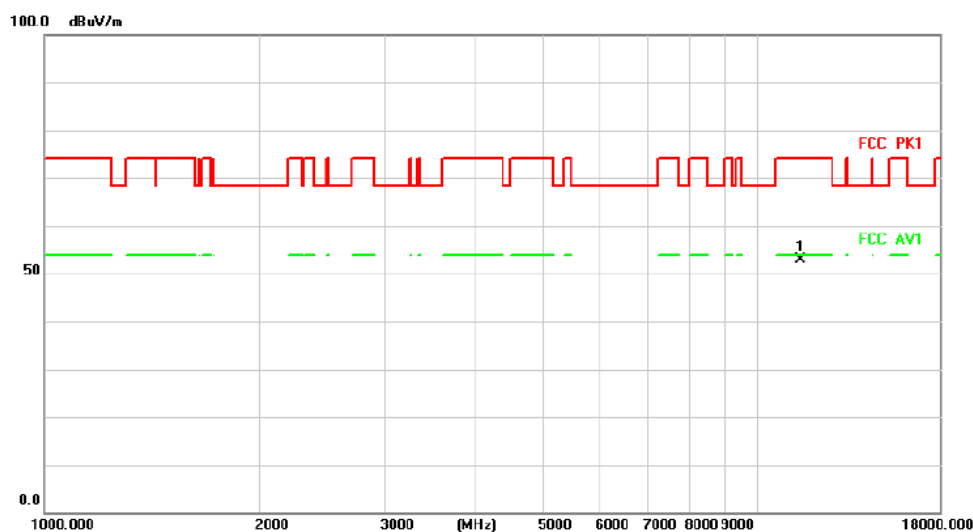
Test Channel:149

VERTICAL



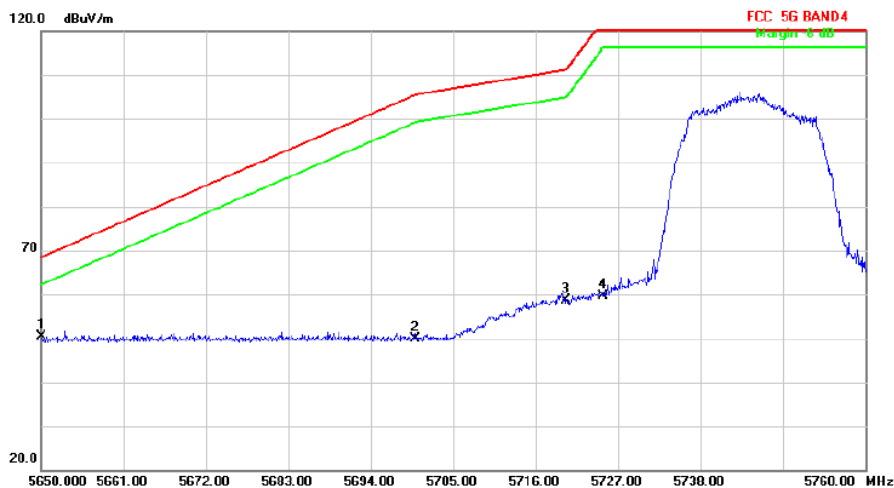
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1 *		11490.000	44.71	8.26	52.97	74.00	-21.03 peak		

Radiated Emission



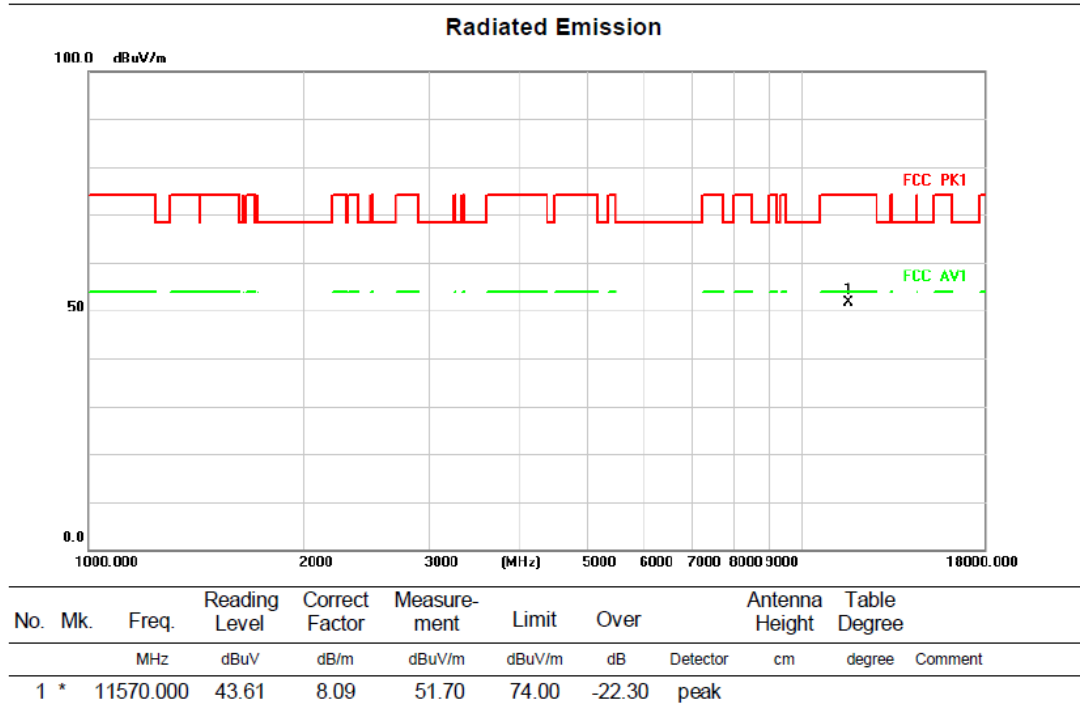
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1 *		5650.000	44.06	6.22	50.28	68.20	-17.92 peak		
2		5700.000	43.33	6.50	49.83	105.20	-55.37 peak		
3		5720.000	52.39	6.32	58.71	110.80	-52.09 peak		
4		5725.000	53.47	6.28	59.75	122.20	-62.45 peak		

Above 1GHz (1GHz~18GHz)

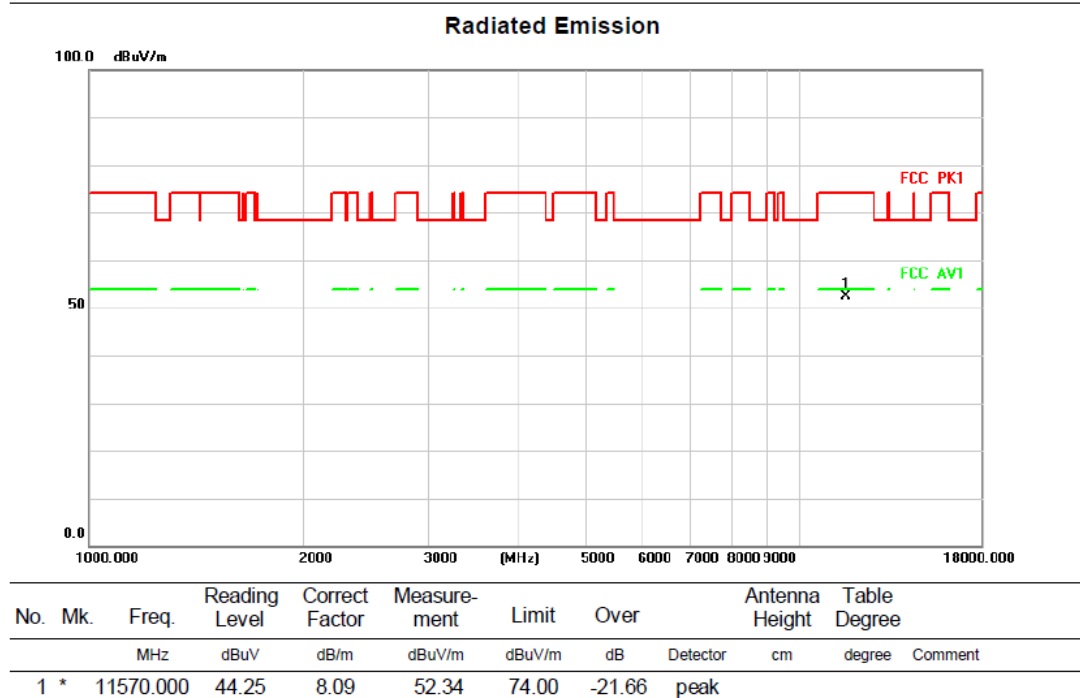
Test mode: 11AC20

Test Channel:157

VERTICAL



HORIZONTAL

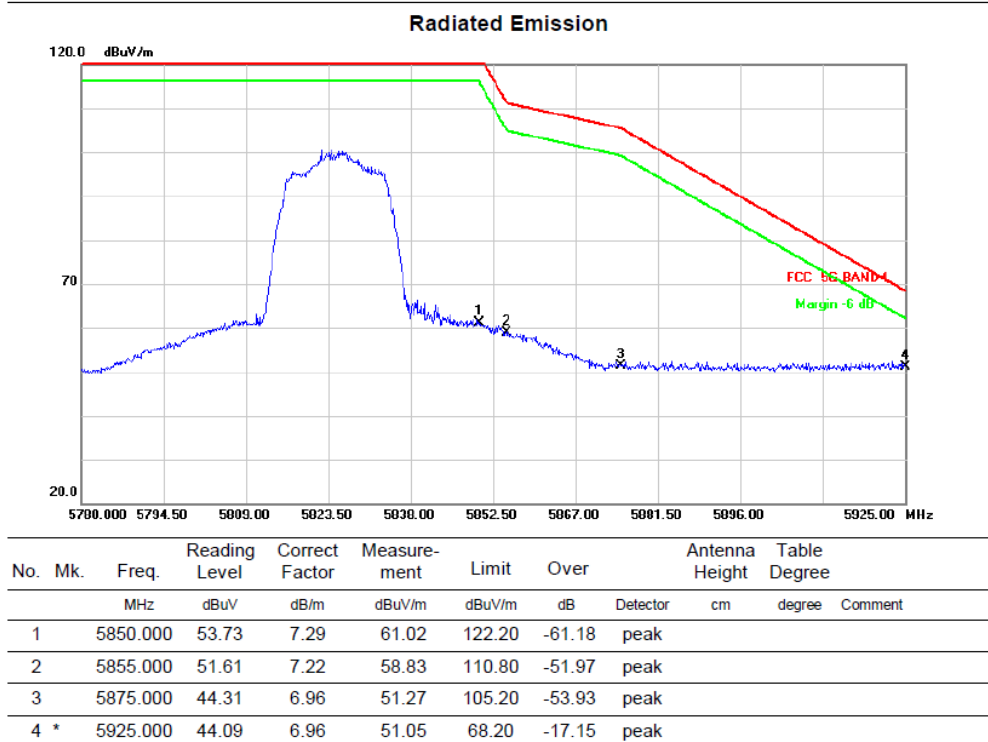
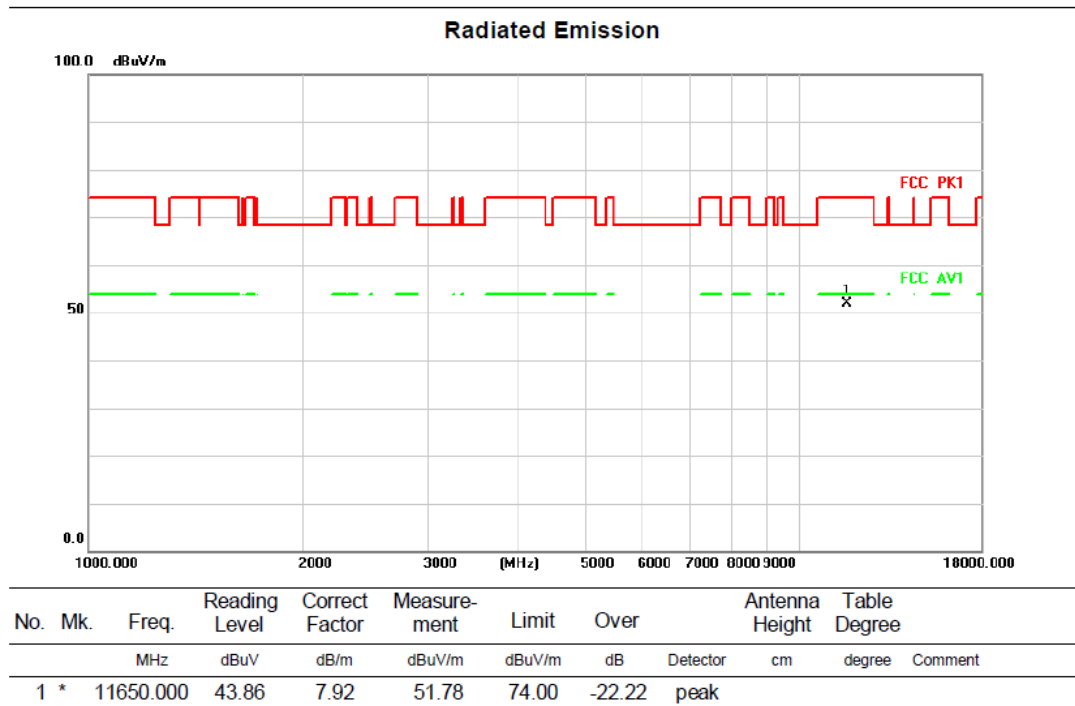


Above 1GHz (1GHz~18GHz)

Test mode: 11AC20

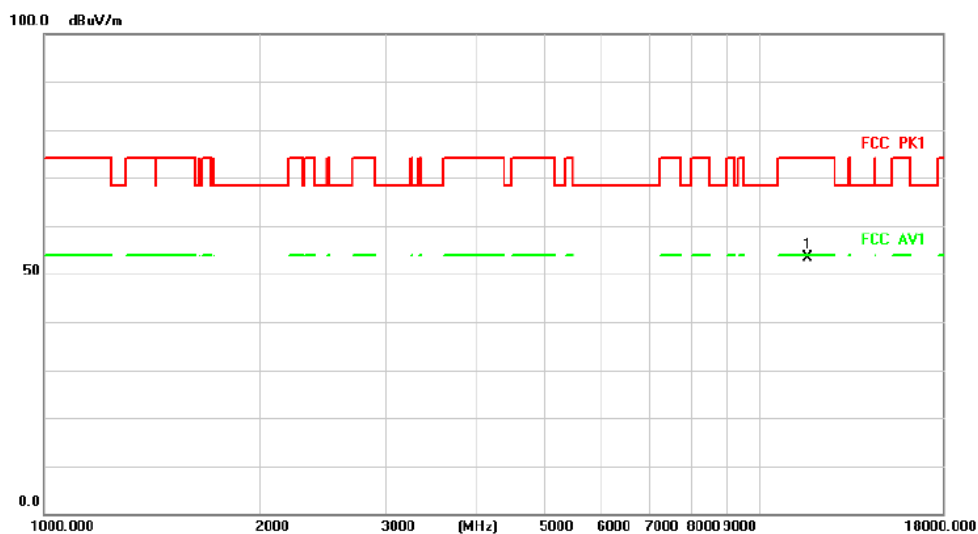
Test Channel:165

VERTICAL



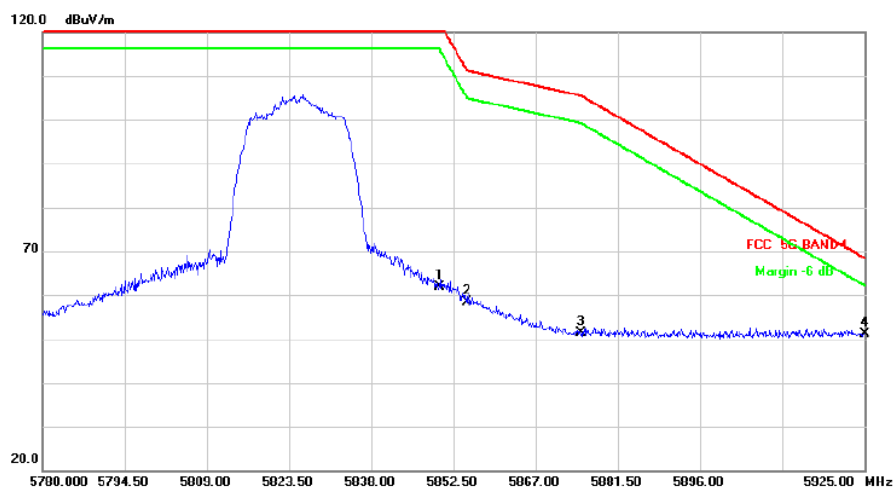
HORIZONTAL

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	45.34	7.92	53.26	74.00	-20.74	peak		

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	54.56	7.29	61.85	122.20	-60.35	peak		
2		5855.000	51.11	7.22	58.33	110.80	-52.47	peak		
3		5875.000	44.32	6.96	51.28	105.20	-53.92	peak		
4	*	5925.000	44.17	6.96	51.13	68.20	-17.07	peak		

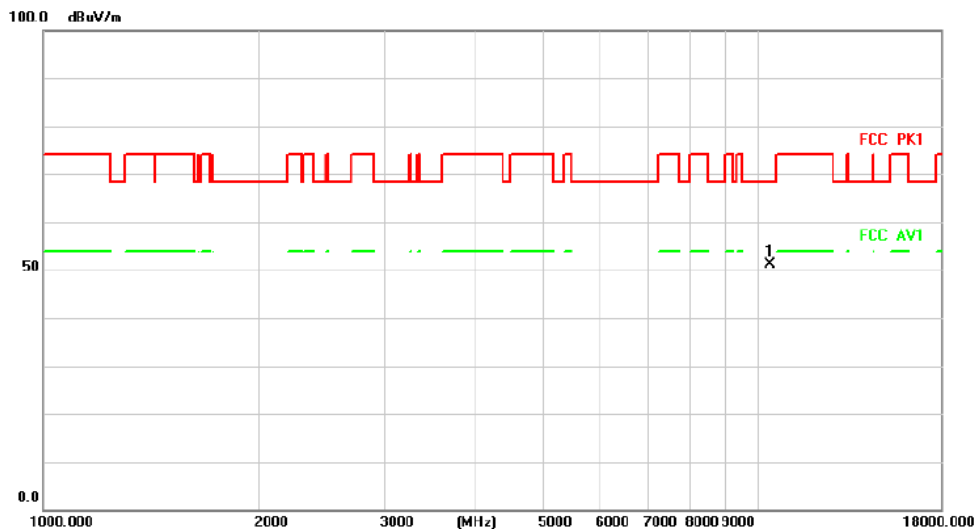
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40

Test Channel:38

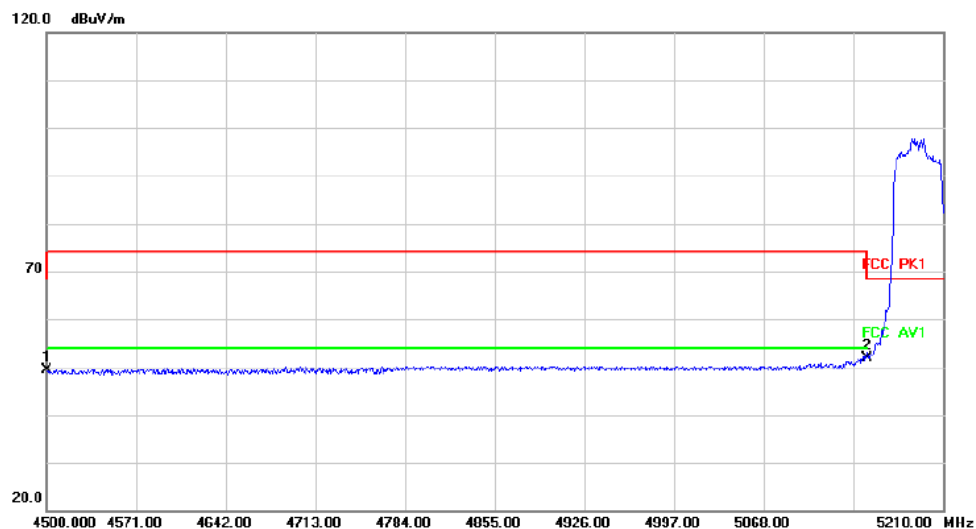
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.000	43.54	7.61	51.15	68.20	-17.05	peak		

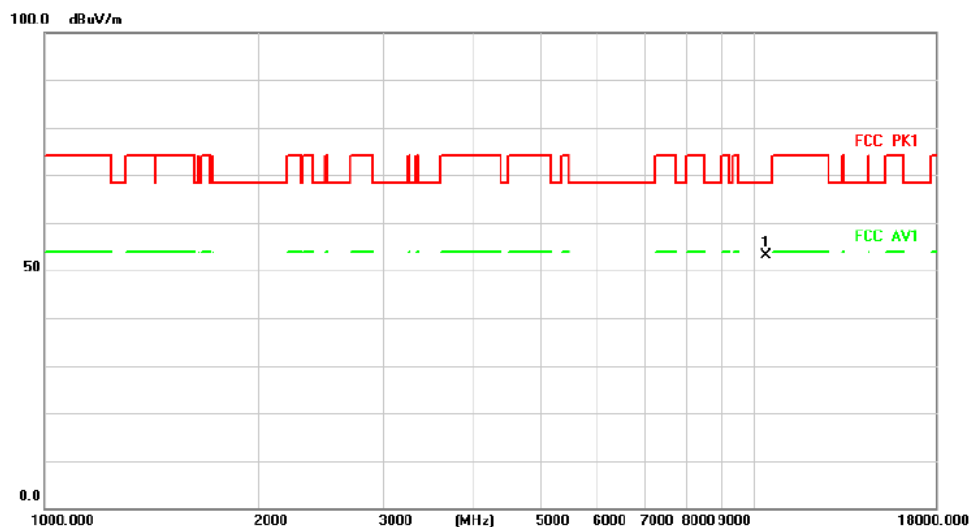
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	44.43	4.90	49.33	68.20	-18.87	peak		
2	*	5150.000	45.38	6.54	51.92	68.20	-16.28	peak		

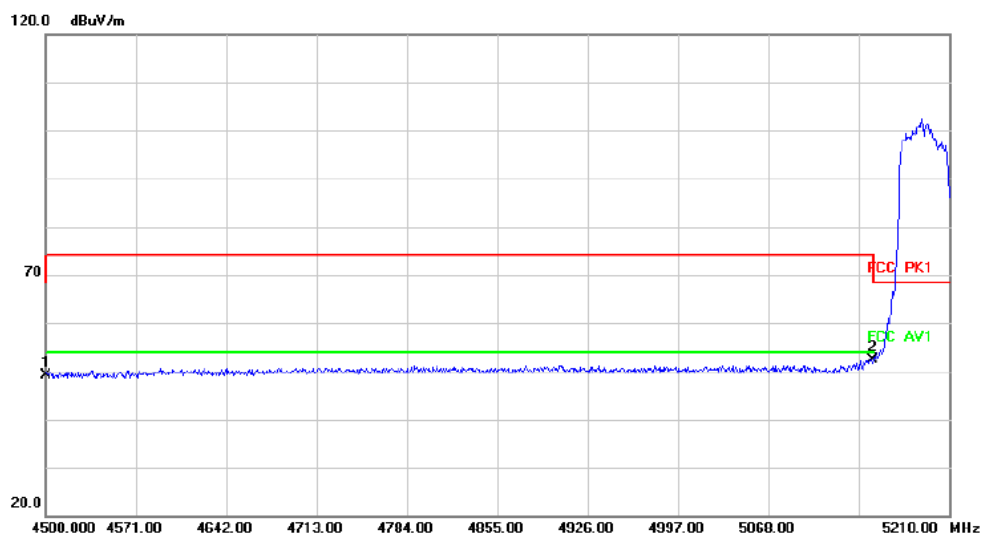
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.000	45.49	7.61	53.10	68.20	-15.10	peak		

Radiated Emission



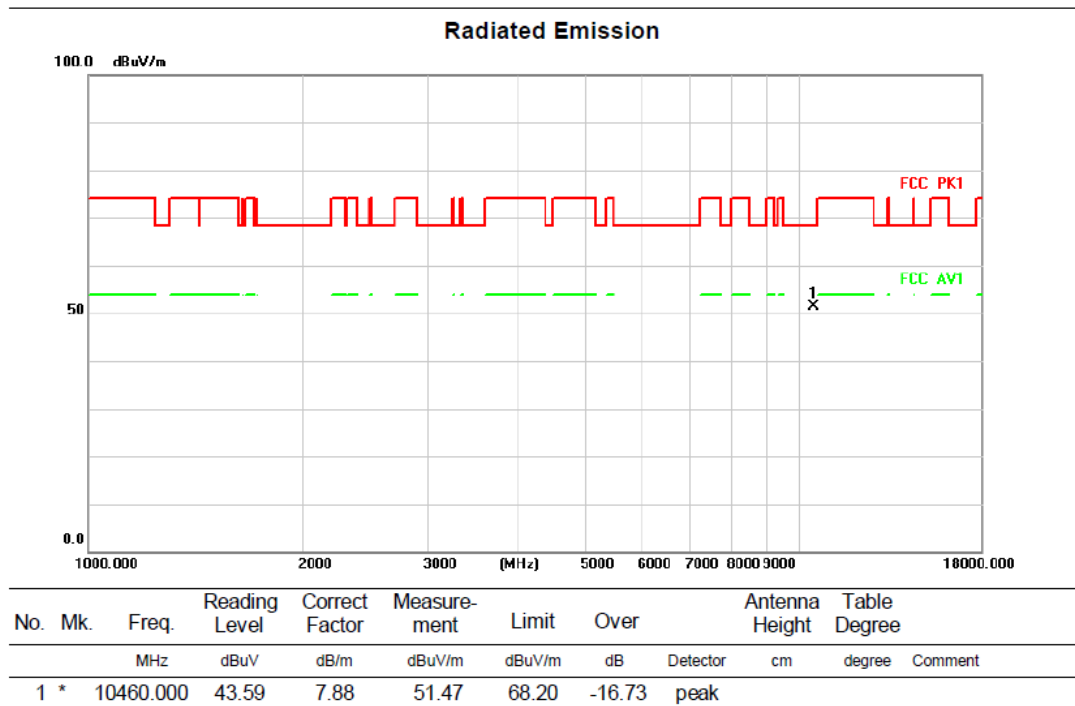
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4500.000	44.30	4.90	49.20	68.20	-19.00	peak		
2	*	5150.000	45.95	6.54	52.49	68.20	-15.71	peak		

Above 1GHz (1GHz~18GHz)

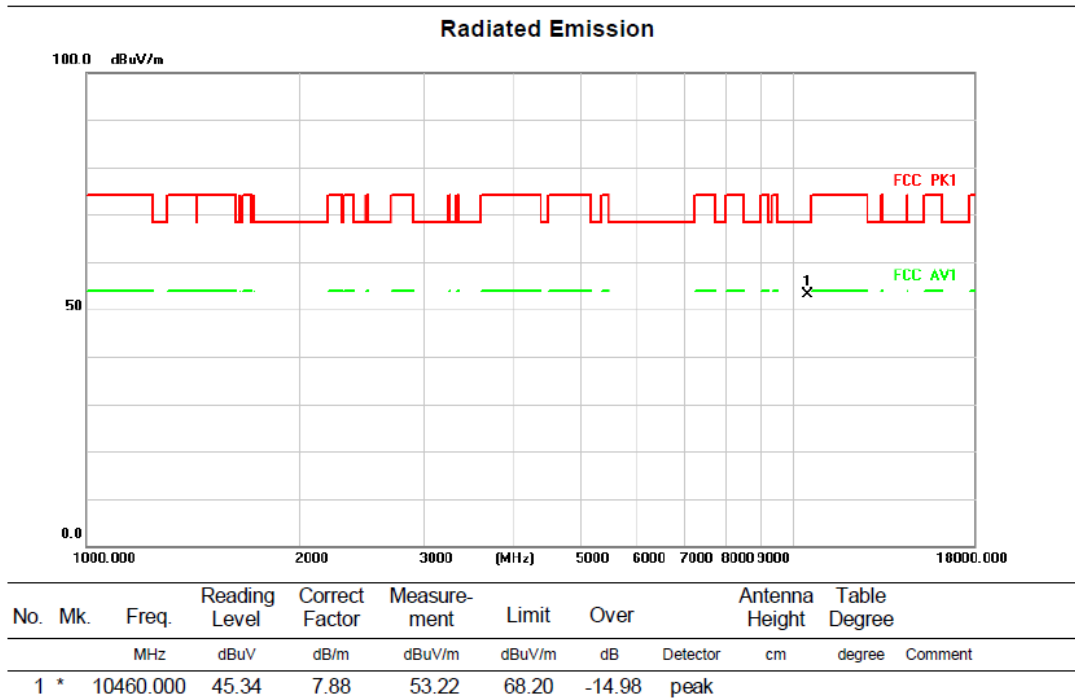
Test mode: 11AC40

Test Channel:46

VERTICAL



HORIZONTAL



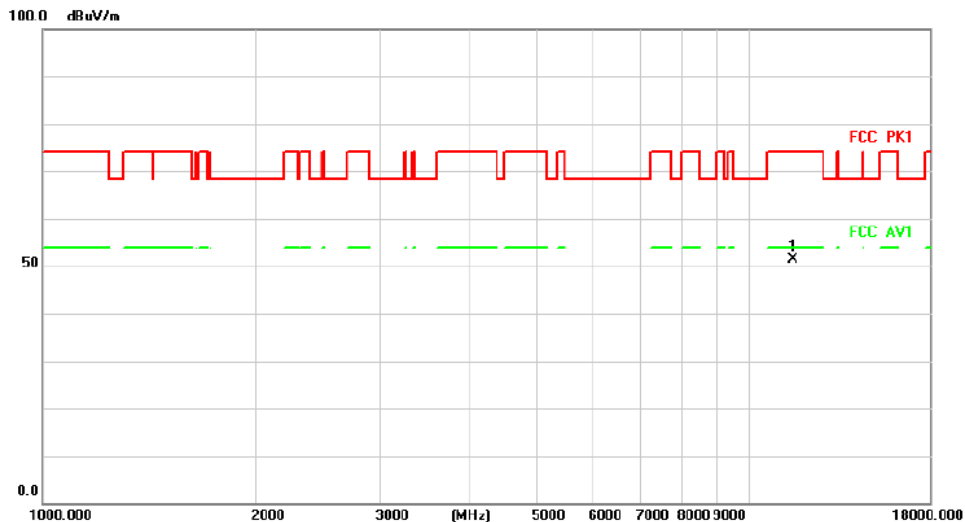
Above 1GHz (1GHz~18GHz)

Test mode: 11AC40

Test Channel:151

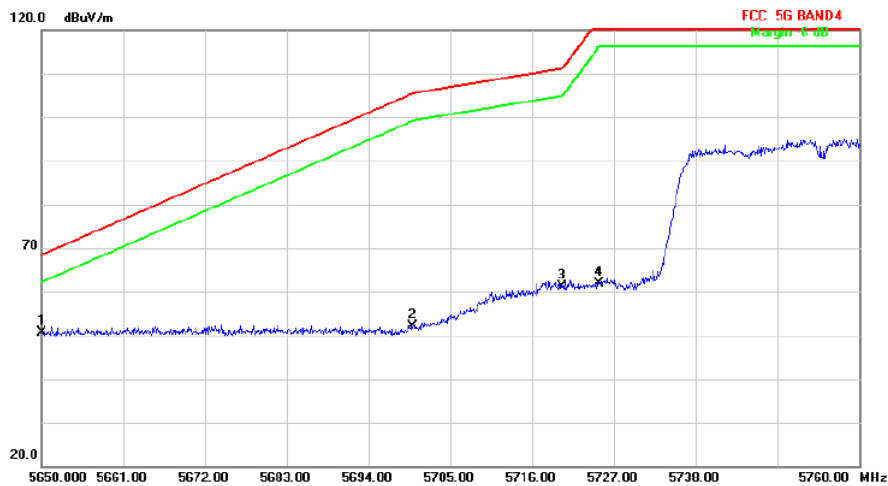
VERTICAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11510.000	43.08	8.26	51.34	74.00	-22.66	peak		

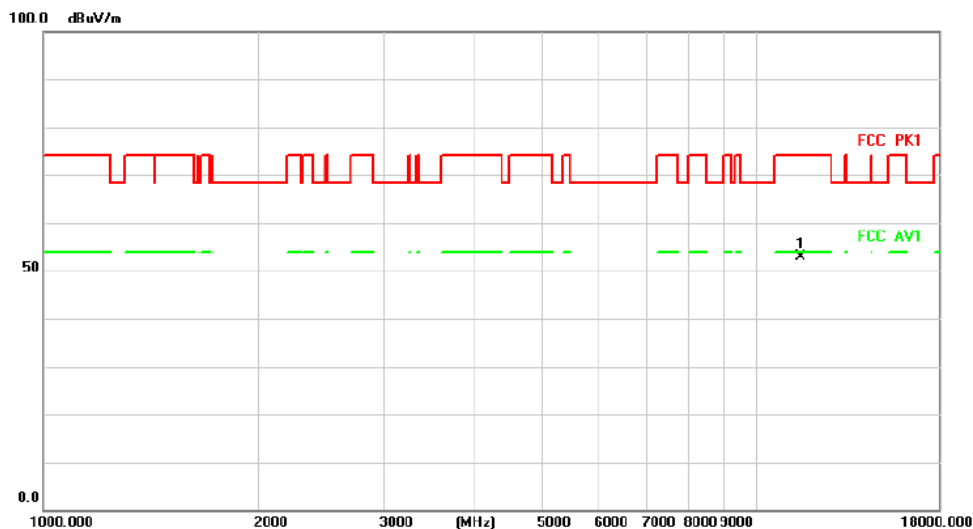
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5650.000	44.47	6.22	50.69	68.20	-17.51	peak		
2		5700.000	45.60	6.50	52.10	105.20	-53.10	peak		
3		5720.000	54.86	6.32	61.18	110.80	-49.62	peak		
4		5725.000	55.69	6.28	61.97	122.20	-60.23	peak		

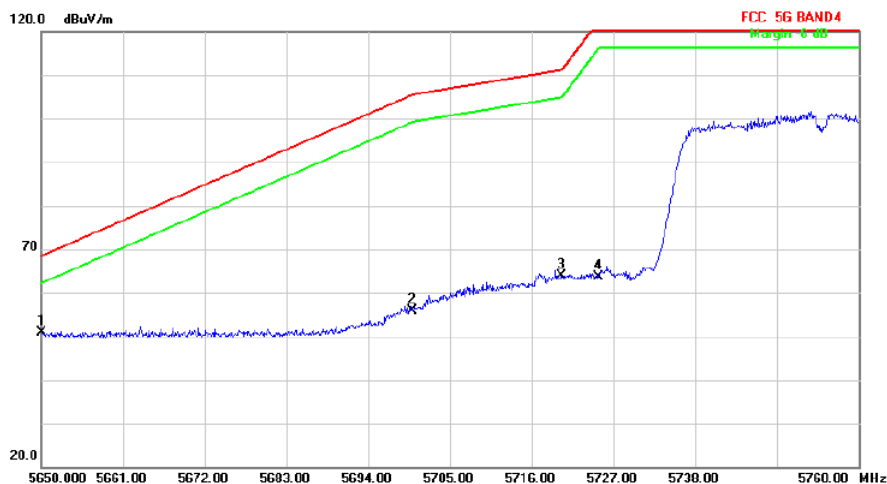
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	11510.000	44.70	8.26	52.96	74.00	-21.04	peak		

Radiated Emission



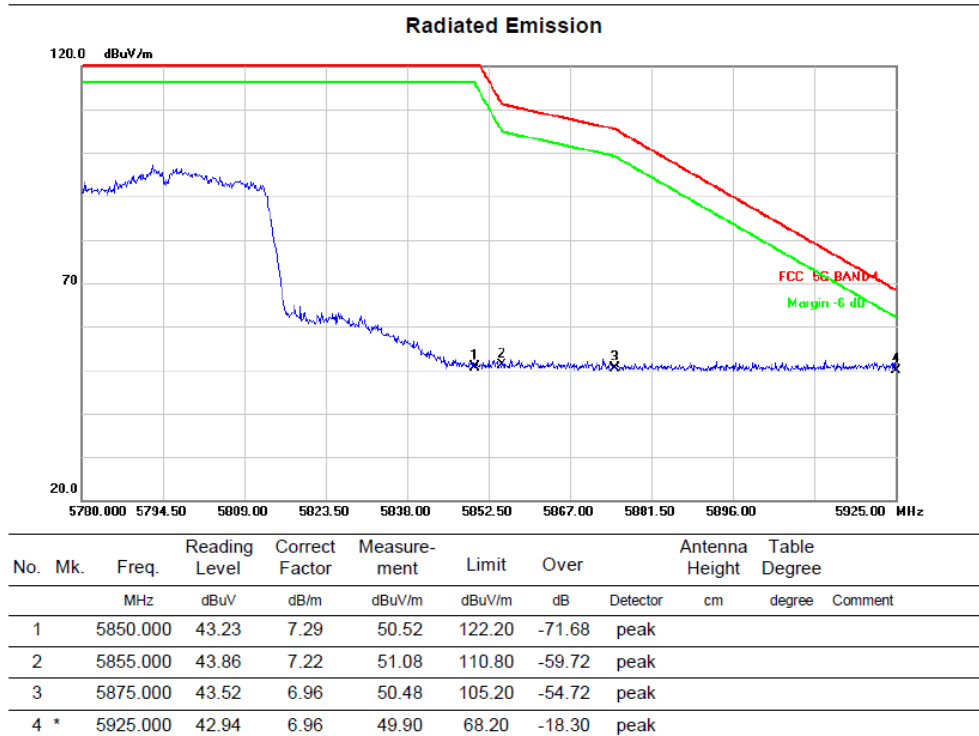
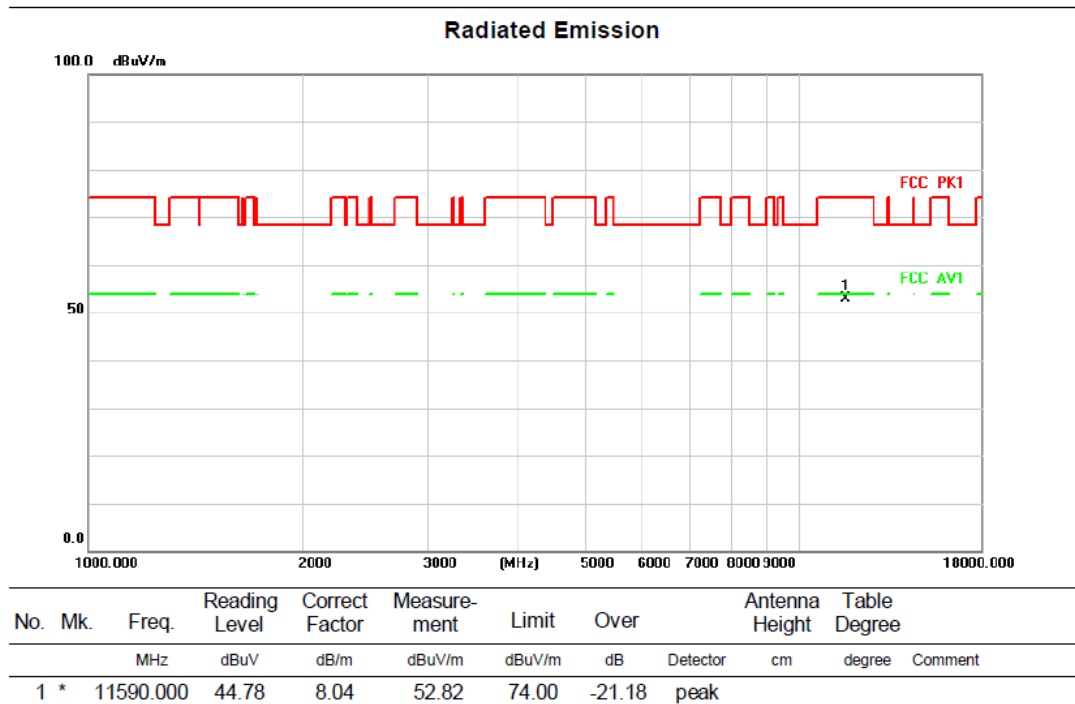
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5650.000	44.64	6.22	50.86	68.20	-17.34	peak		
2		5700.000	49.28	6.50	55.78	105.20	-49.42	peak		
3		5720.000	57.47	6.32	63.79	110.80	-47.01	peak		
4		5725.000	57.41	6.28	63.69	122.20	-58.51	peak		

Above 1GHz (1GHz~18GHz)

Test mode: 11AC40

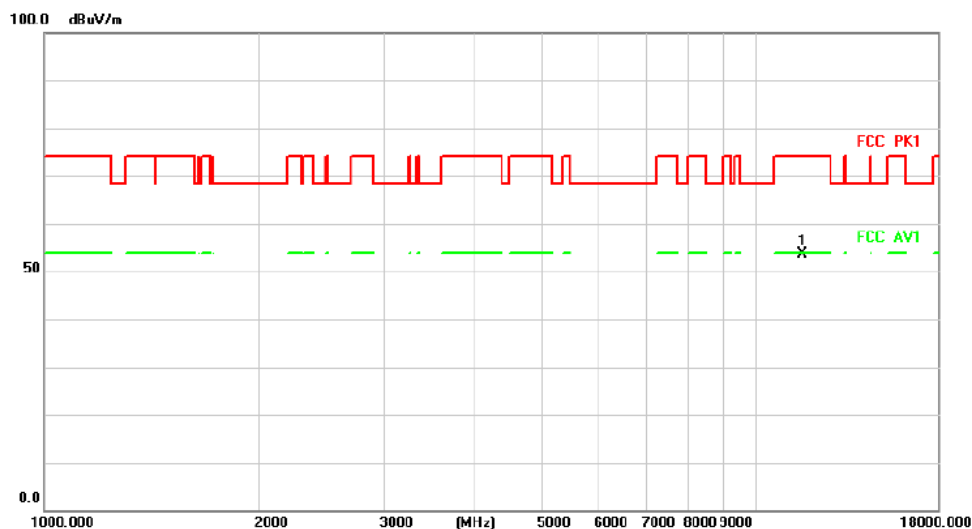
Test Channel:159

VERTICAL



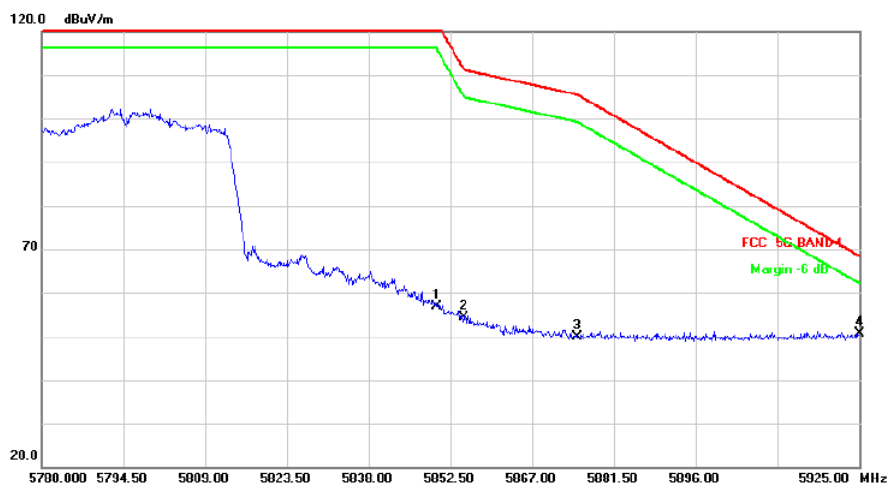
HORIZONTAL

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	11590.000	45.51	8.04	53.55	74.00	-20.45	peak		

Radiated Emission



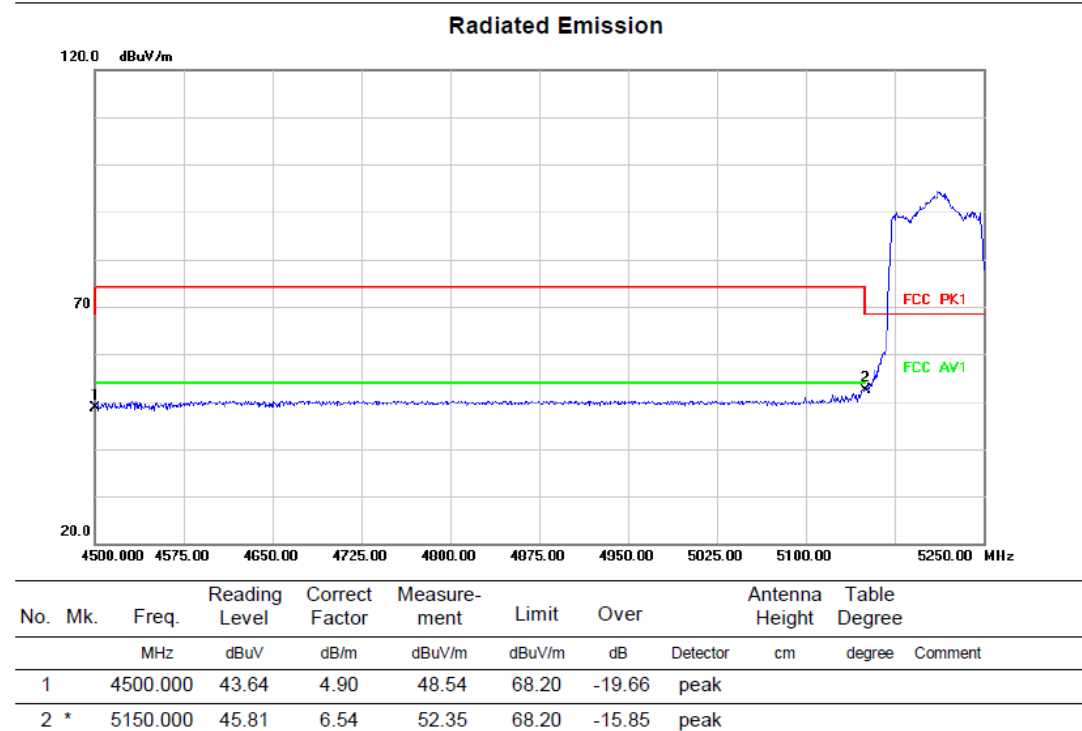
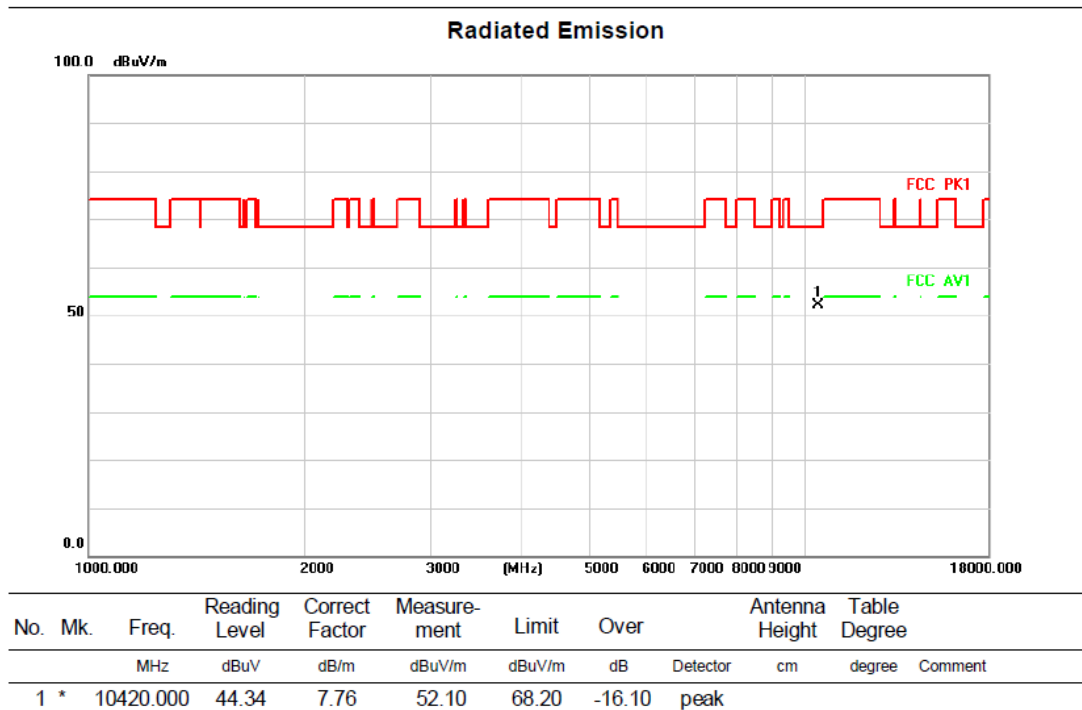
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5850.000	49.70	7.29	56.99	122.20	-65.21	peak		
2		5855.000	47.18	7.22	54.40	110.80	-56.40	peak		
3		5875.000	42.97	6.96	49.93	105.20	-55.27	peak		
4	*	5925.000	43.64	6.96	50.60	68.20	-17.60	peak		

Above 1GHz (1GHz~18GHz)

Test mode: 11AC80

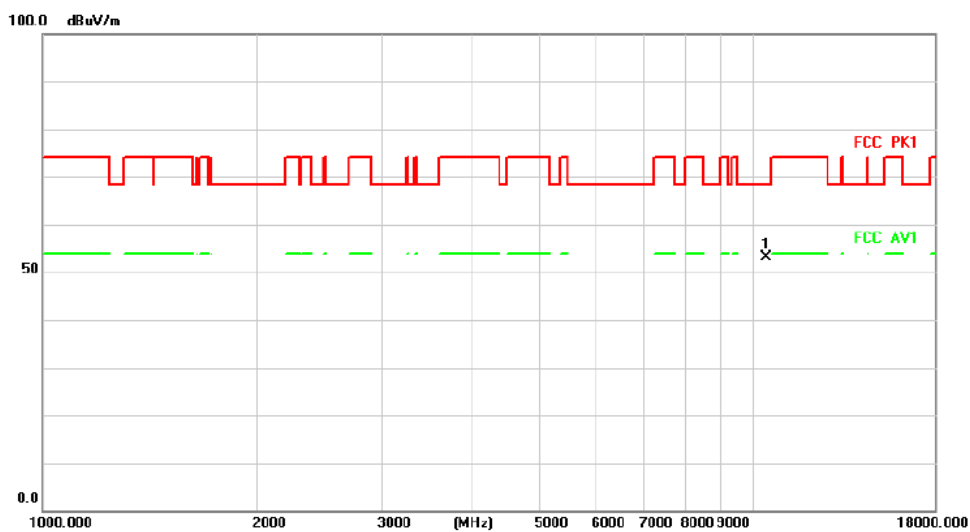
Test Channel:42

VERTICAL



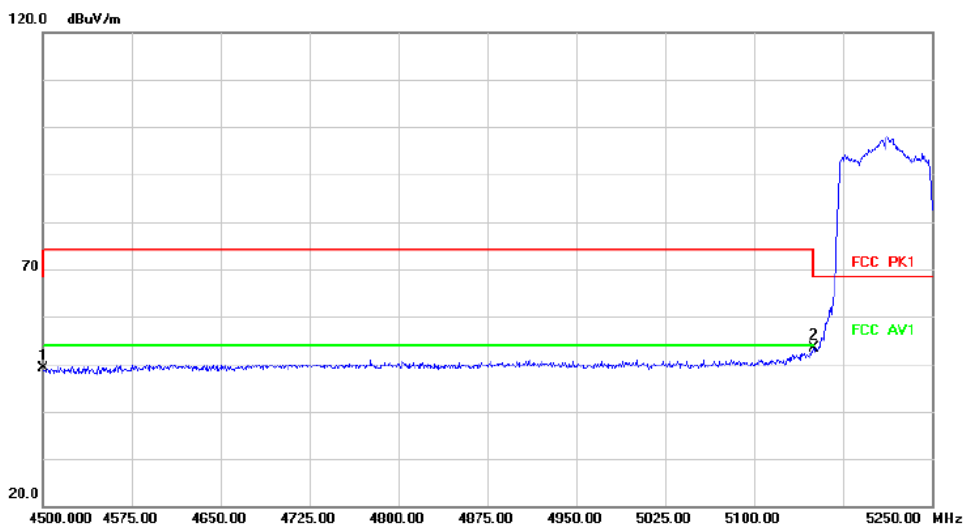
HORIZONTAL

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	*	10420.000	45.36	7.76	53.12	68.20	-15.08	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	44.25	4.90	49.15	68.20	-19.05	peak		
2	*	5150.000	46.93	6.54	53.47	68.20	-14.73	peak		

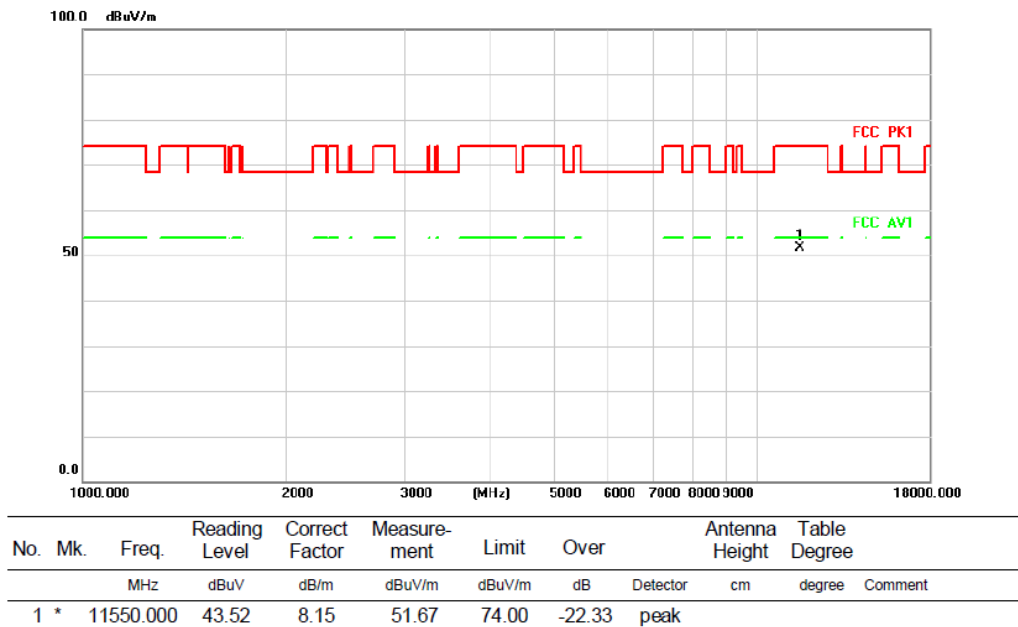
Above 1GHz (1GHz~18GHz)

Test mode: 11AC80

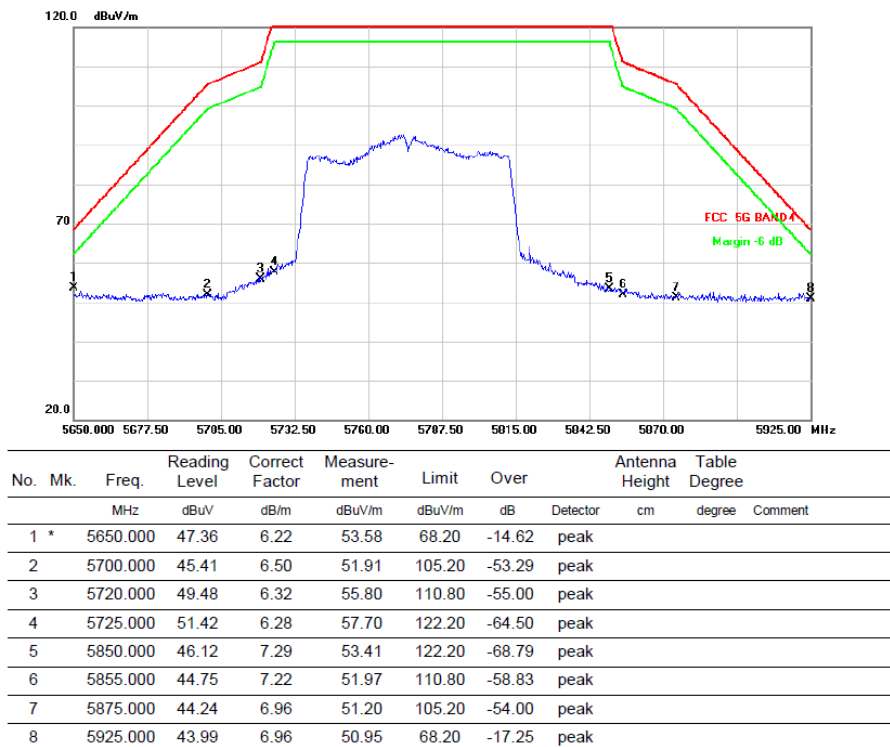
Test Channel:155

VERTICAL

Radiated Emission

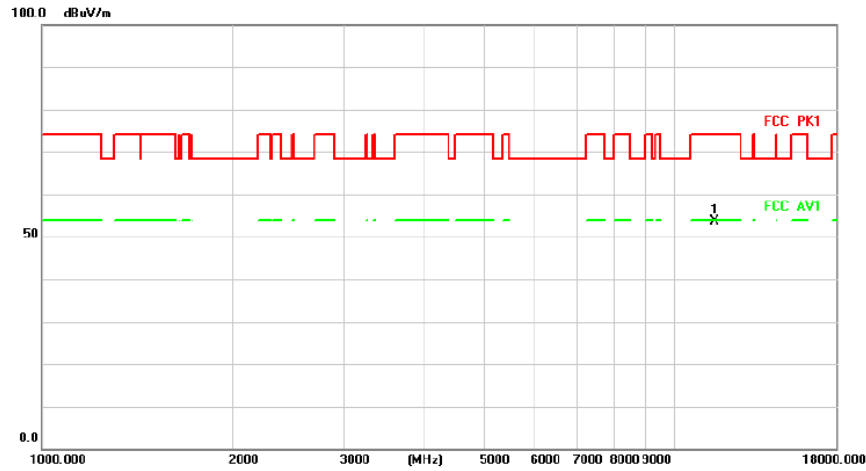


Radiated Emission



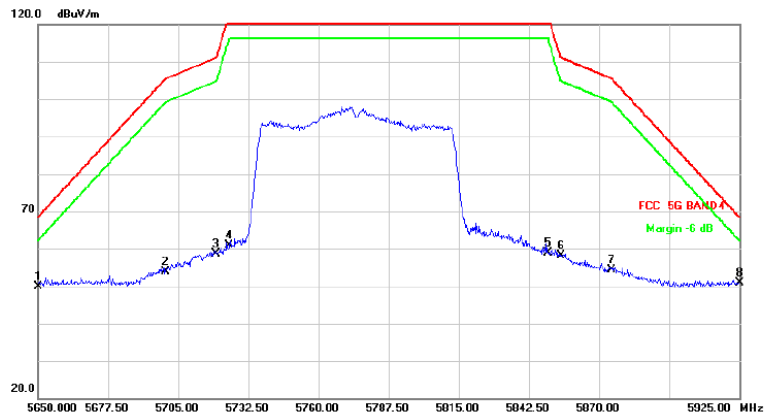
HORIZONTAL

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	45.36	8.15	53.51	74.00	-20.49	peak	

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree
1		5650.000	43.74	6.22	49.96	68.20	-18.24	peak	
2		5700.000	47.26	6.50	53.76	105.20	-51.44	peak	
3		5720.000	52.23	6.32	58.55	110.80	-52.25	peak	
4		5725.000	54.62	6.28	60.90	122.20	-61.30	peak	
5		5850.000	51.63	7.29	58.92	122.20	-63.28	peak	
6		5855.000	50.99	7.22	58.21	110.80	-52.59	peak	
7		5875.000	47.35	6.96	54.31	105.20	-50.89	peak	
8	*	5925.000	43.97	6.96	50.93	68.20	-17.27	peak	

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

3.3 Spectrum Bandwidth

3.3.1 Limit

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

3.3.2 Test Procedure

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

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

b) the spectrum analyser is set as follow:

For 26 dB Bandwidth

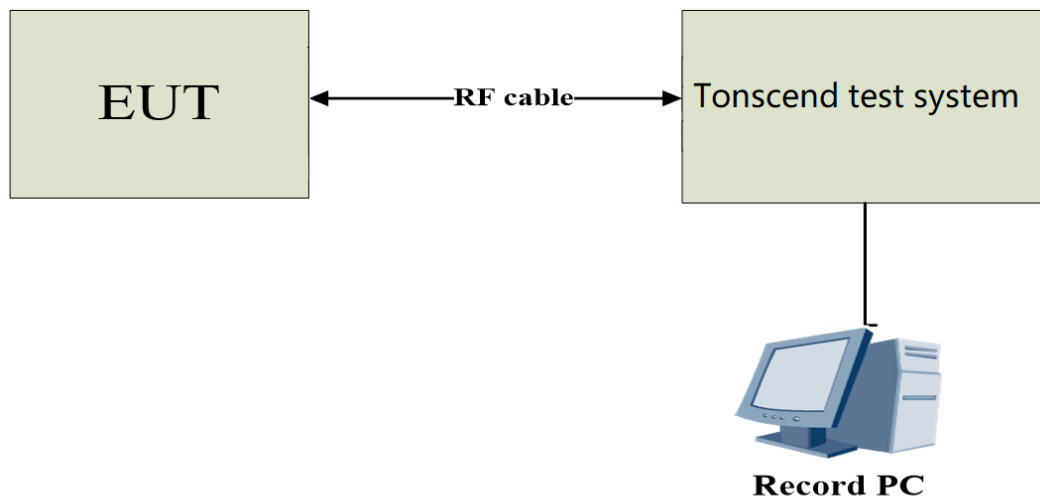
Centre Frequency	The centre frequency of the channel under test
RBW	$\geq 1\% \times \text{Nominal Channel Bandwidth}$
VBW	$\geq 3 \times \text{RBW}$
Frequency span	$2 \times \text{Nominal Channel Bandwidth}$
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

For 6 dB Bandwidth

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

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

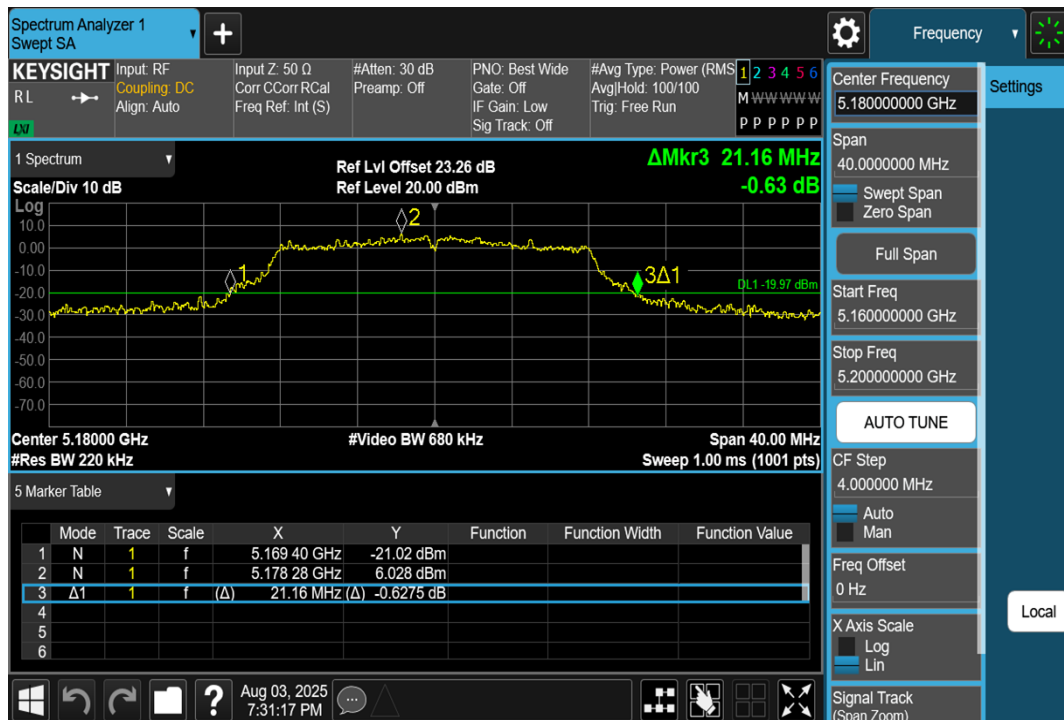
3.3.3 Test Setup



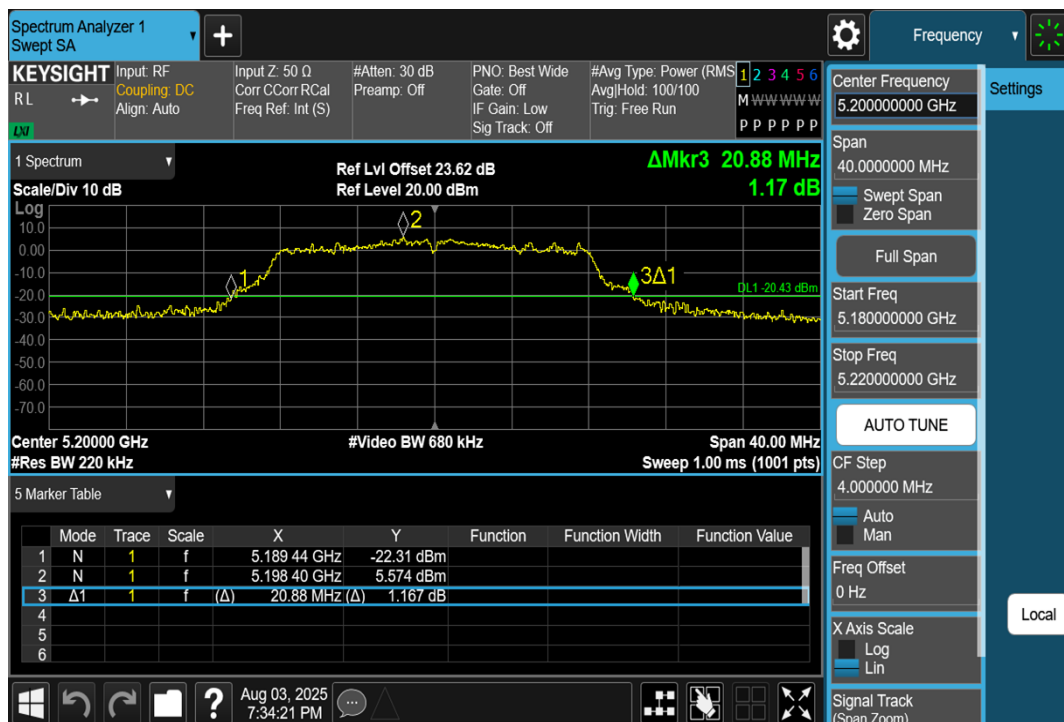
3.3.4 Test Result

26 dB Bandwidth

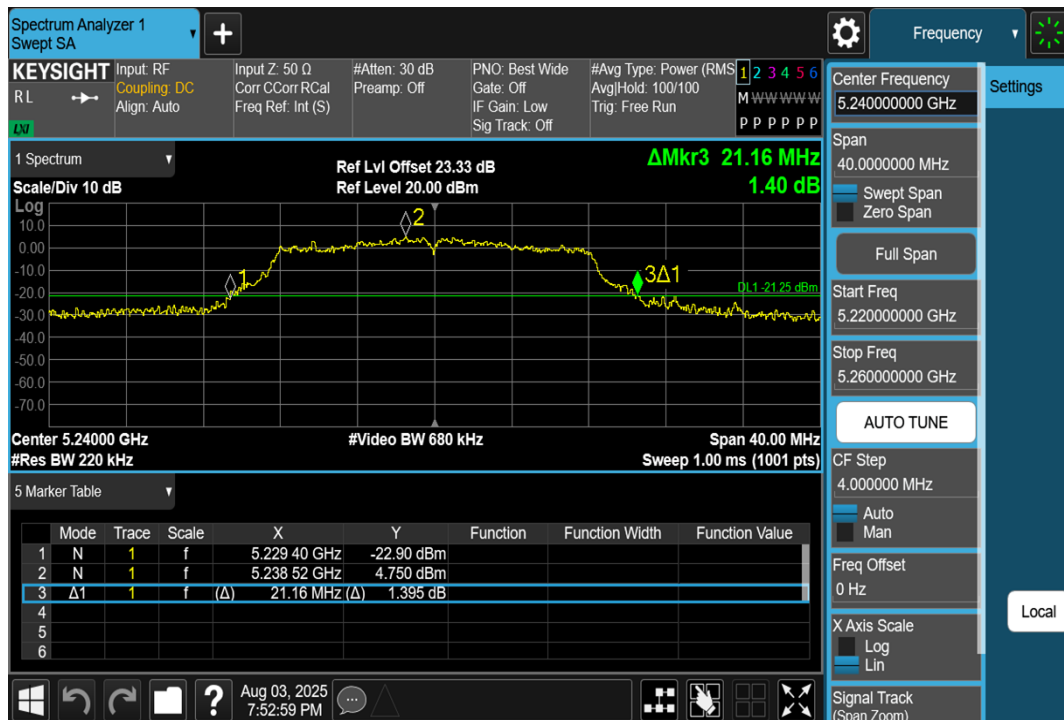
Test Mode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.160	5169.400	5190.560	---	---
11A	Ant1	5200	20.880	5189.440	5210.320	---	---
11A	Ant1	5240	21.160	5229.400	5250.560	---	---
11A	Ant1	5745	21.400	5734.320	5755.720	---	---
11A	Ant1	5785	21.000	5774.400	5795.400	---	---
11A	Ant1	5825	21.040	5814.360	5835.400	---	---
11N20SISO	Ant1	5180	21.840	5169.320	5191.160	---	---
11N20SISO	Ant1	5200	21.800	5189.360	5211.160	---	---
11N20SISO	Ant1	5240	22.120	5229.200	5251.320	---	---
11N20SISO	Ant1	5745	21.160	5734.360	5755.520	---	---
11N20SISO	Ant1	5785	21.240	5774.440	5795.680	---	---
11N20SISO	Ant1	5825	21.720	5814.120	5835.840	---	---
11N40SISO	Ant1	5190	46.560	5170.240	5216.800	---	---
11N40SISO	Ant1	5230	39.280	5210.320	5249.600	---	---
11N40SISO	Ant1	5755	39.760	5735.080	5774.840	---	---
11N40SISO	Ant1	5795	39.600	5775.320	5814.920	---	---
11AC20SISO	Ant1	5180	21.800	5169.440	5191.240	---	---
11AC20SISO	Ant1	5200	21.520	5189.280	5210.800	---	---
11AC20SISO	Ant1	5240	23.520	5229.400	5252.920	---	---
11AC20SISO	Ant1	5745	21.440	5734.240	5755.680	---	---
11AC20SISO	Ant1	5785	21.160	5774.360	5795.520	---	---
11AC20SISO	Ant1	5825	21.320	5814.400	5835.720	---	---
11AC40SISO	Ant1	5190	46.880	5170.160	5217.040	---	---
11AC40SISO	Ant1	5230	46.640	5210.160	5256.800	---	---
11AC40SISO	Ant1	5755	39.840	5735.160	5775.000	---	---
11AC40SISO	Ant1	5795	39.600	5775.240	5814.840	---	---
11AC80SISO	Ant1	5210	80.480	5169.840	5250.320	---	---
11AC80SISO	Ant1	5775	80.320	5734.840	5815.160	---	---



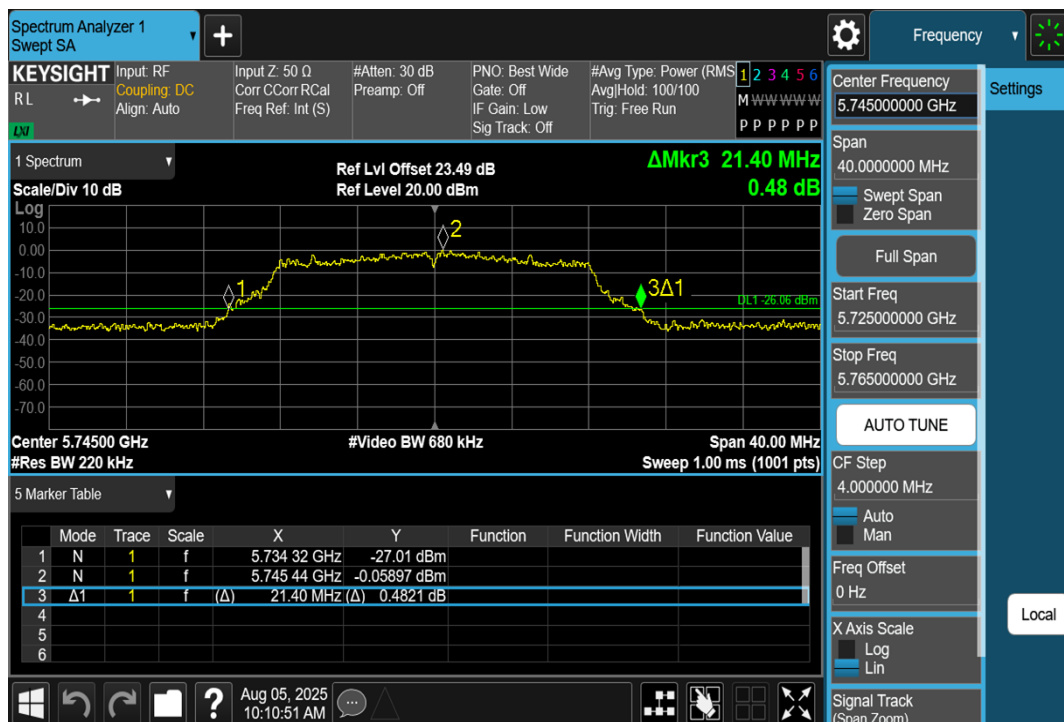
11A-Ant1-5180



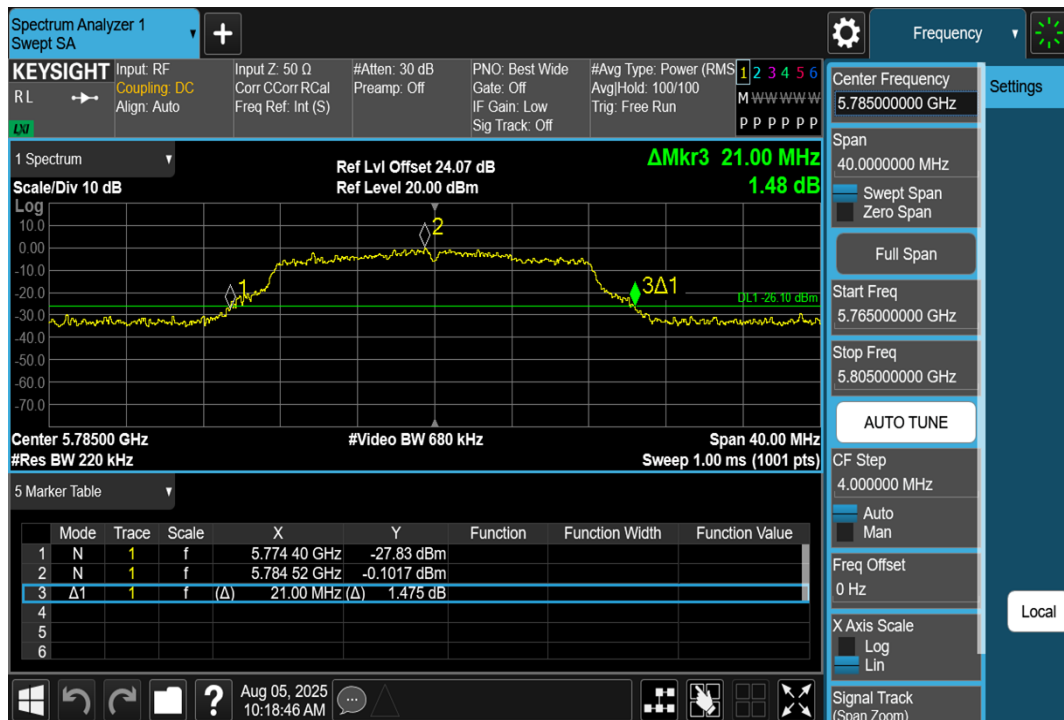
11A-Ant1-5200



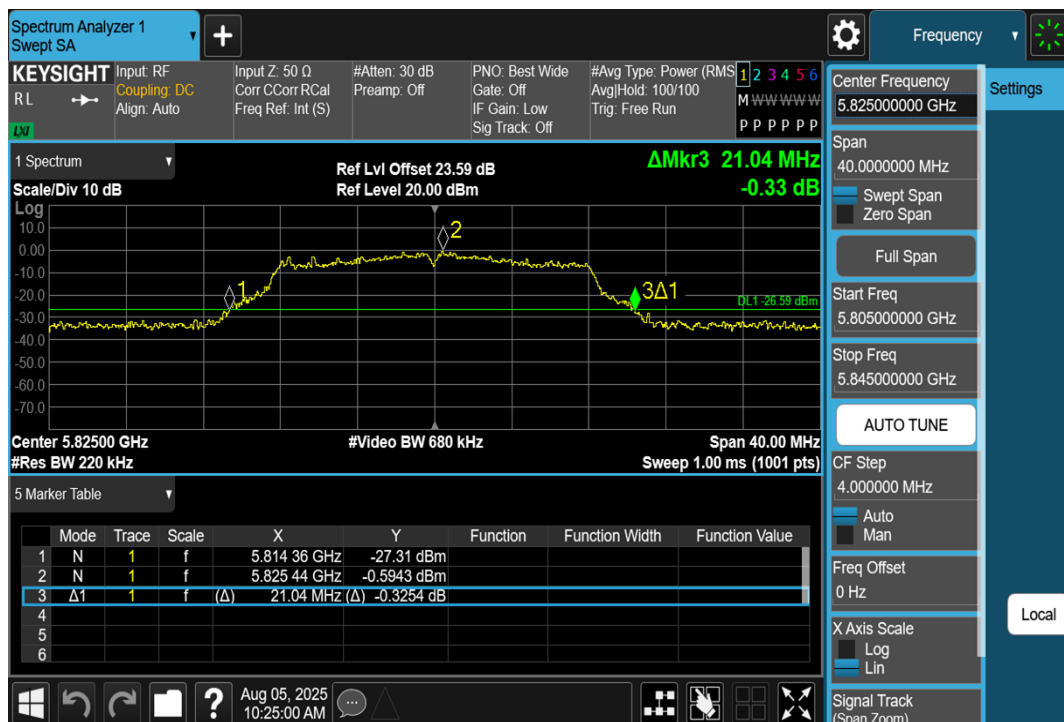
11A-Ant1-5240



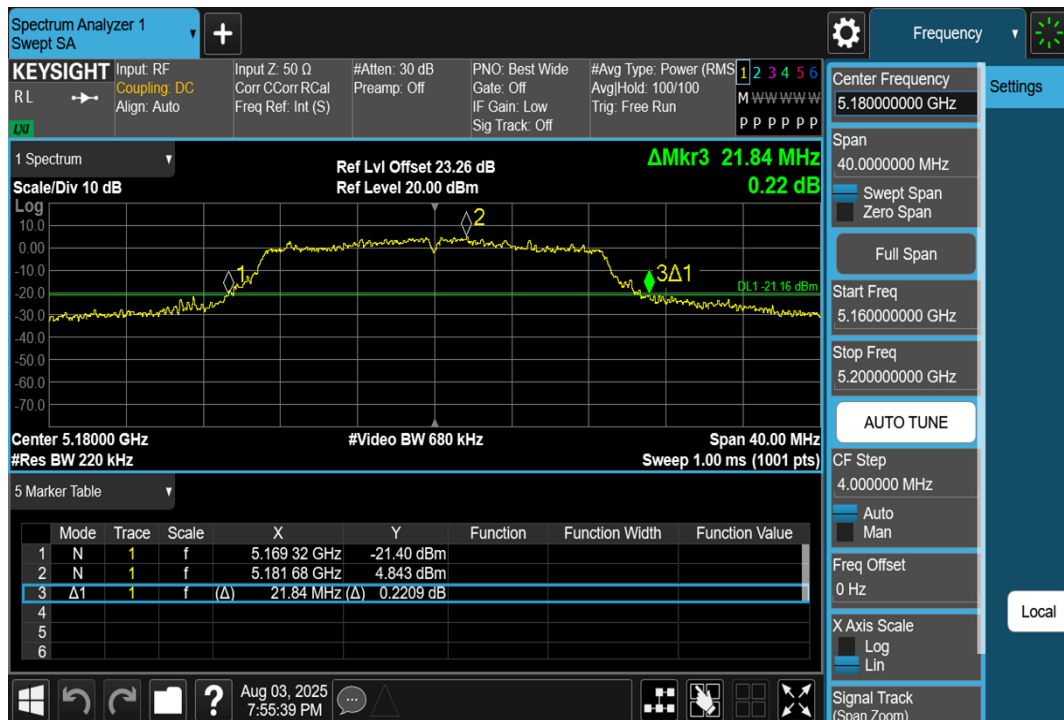
11A-Ant1-5745



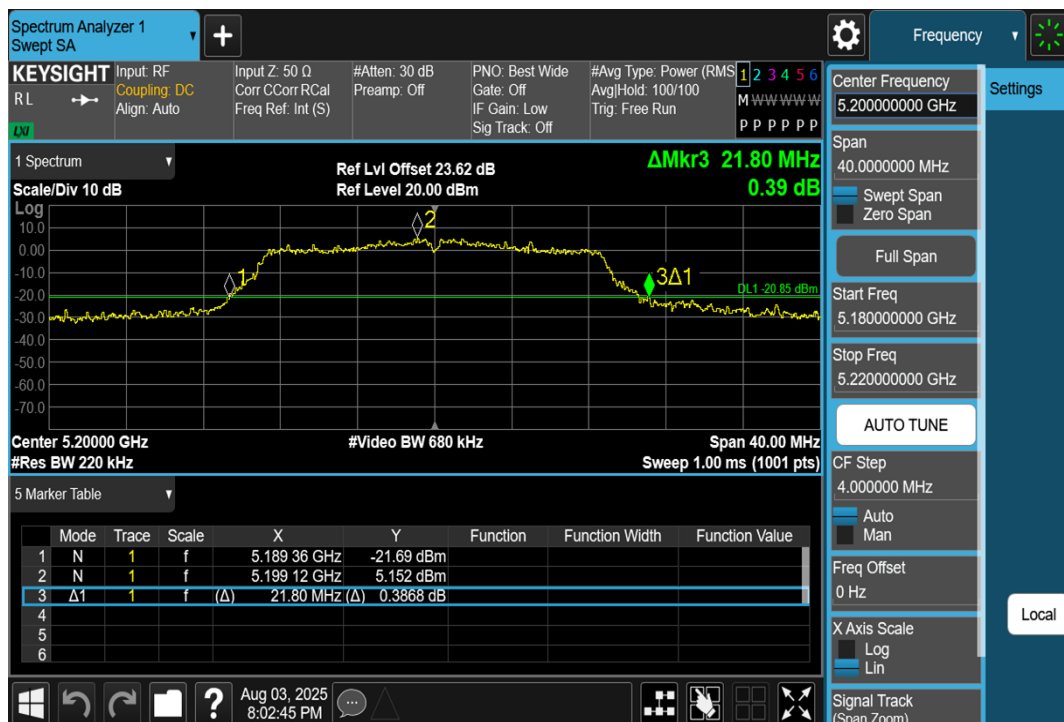
11A-Ant1-5785



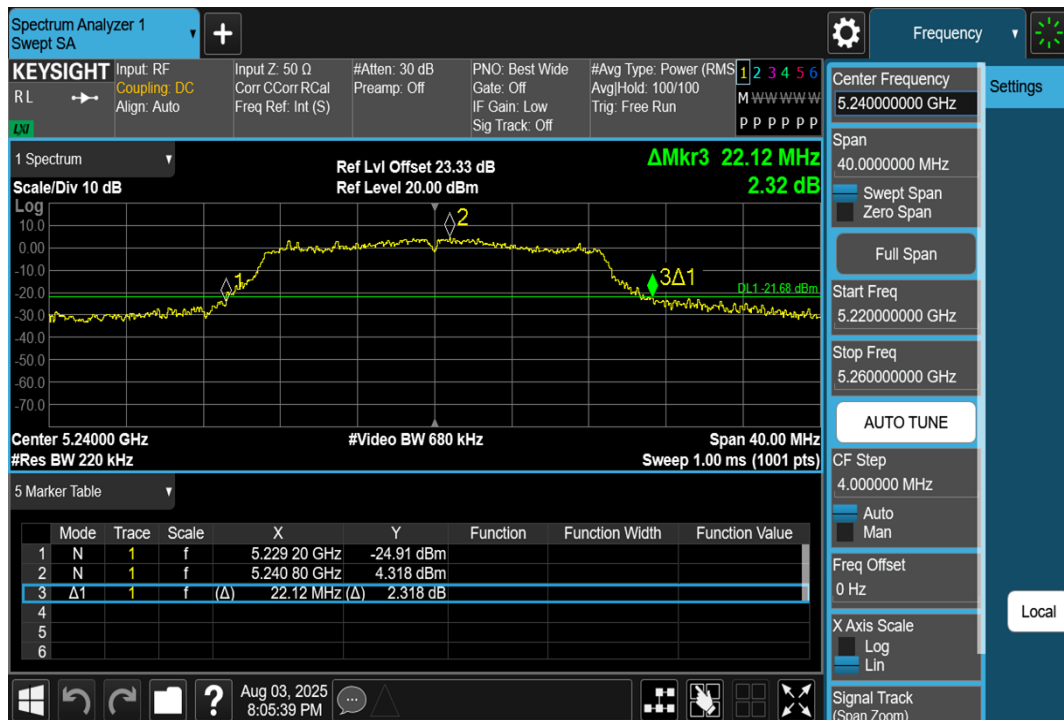
11A-Ant1-5825



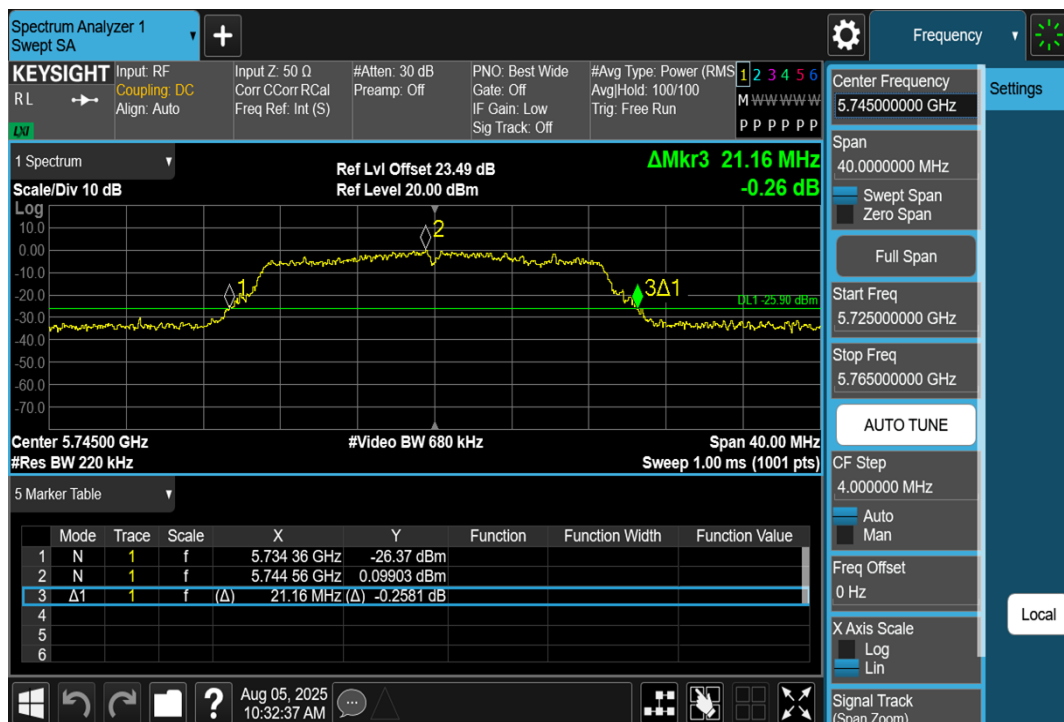
11N20SISO-Ant1-5180



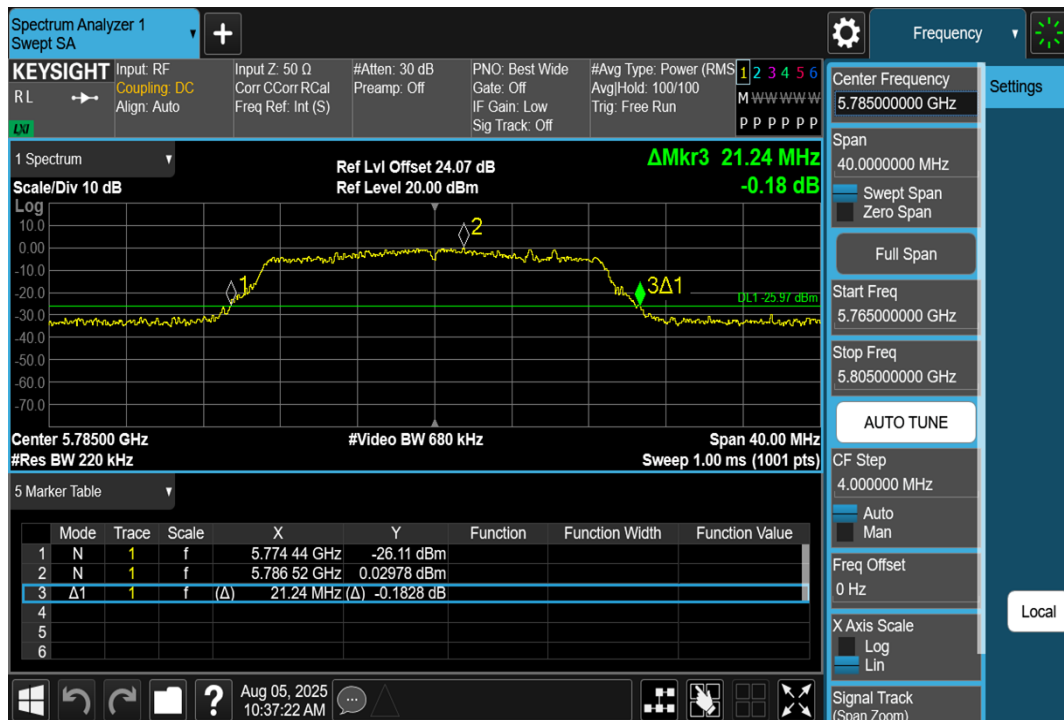
11N20SISO-Ant1-5200



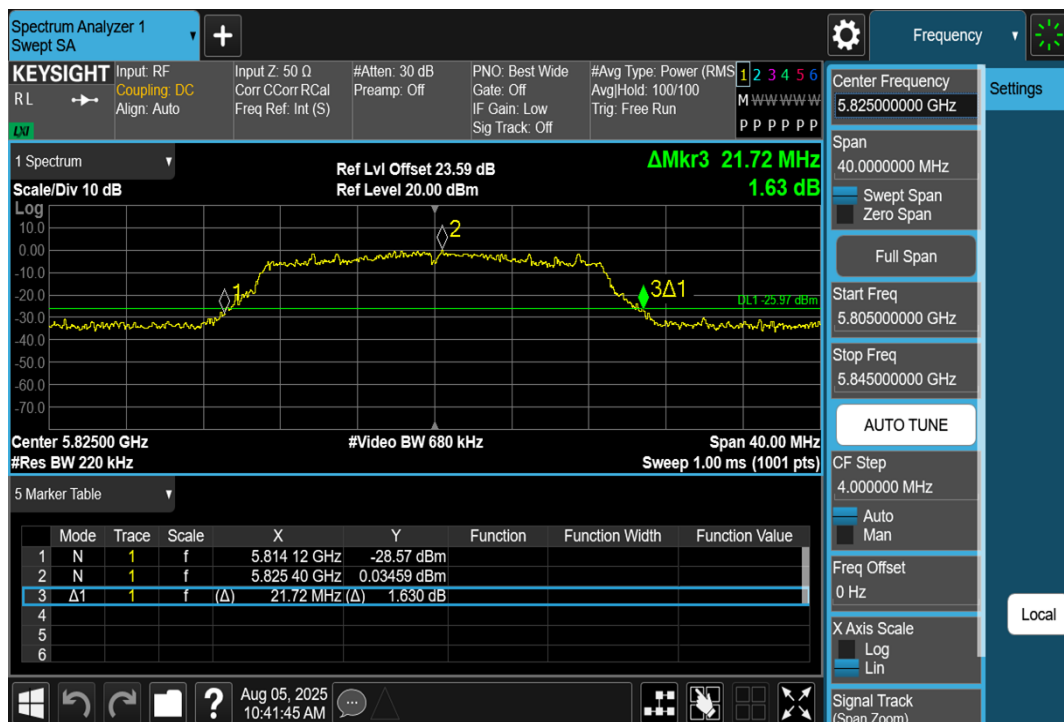
11N20SISO-Ant1-5240



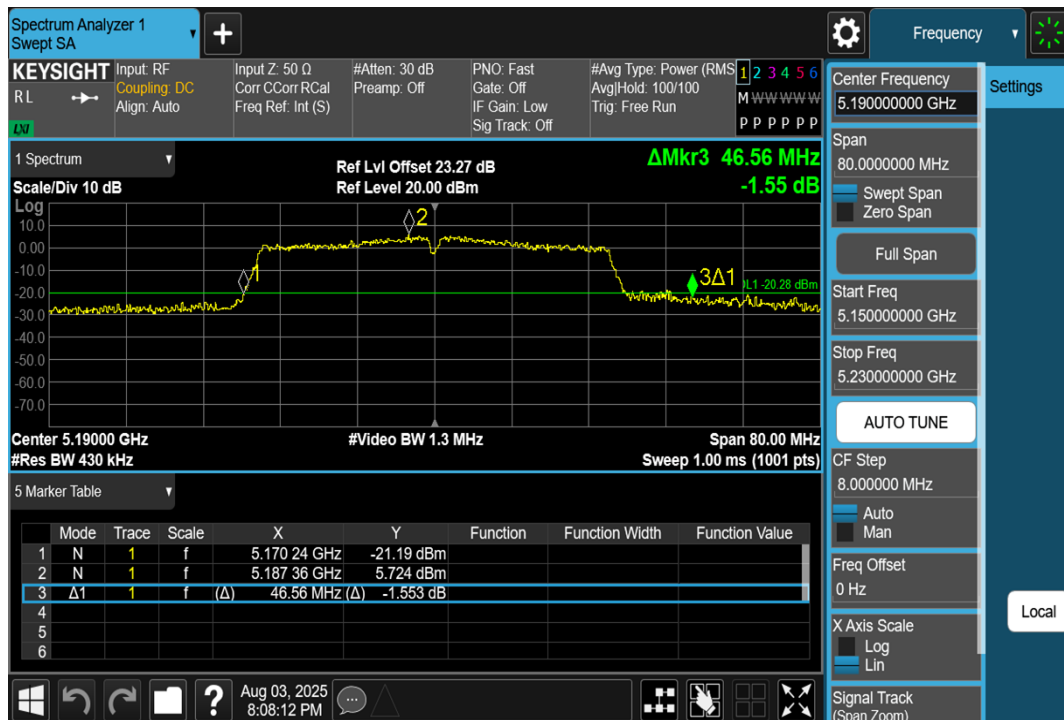
11N20SISO-Ant1-5745



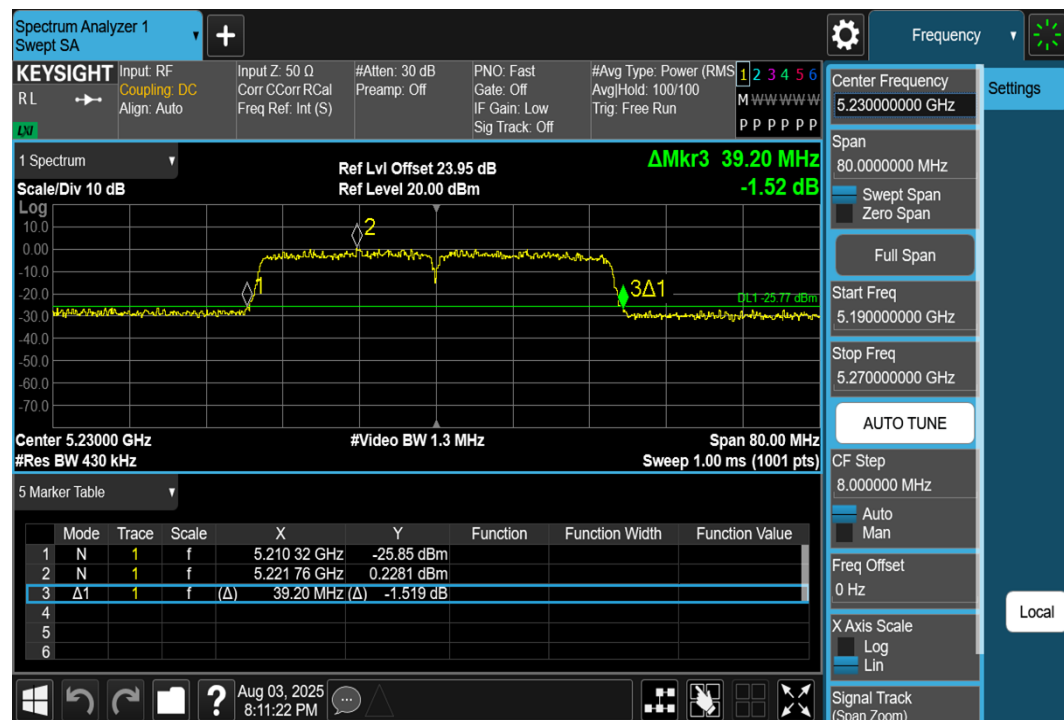
11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



11N40SISO-Ant1-5190



11N40SISO-Ant1-5230