

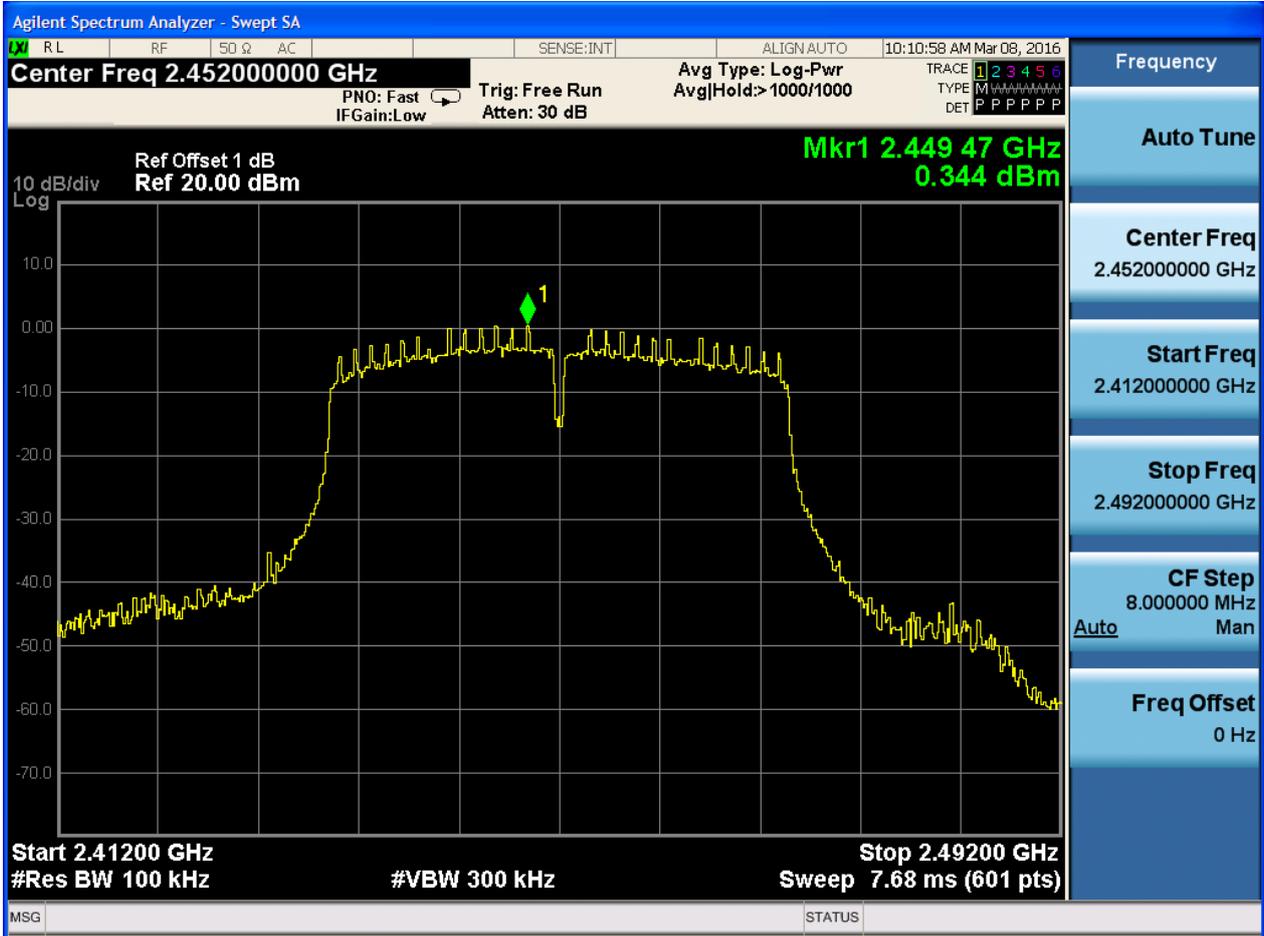






2.35 11N40m\_H@Ant 1

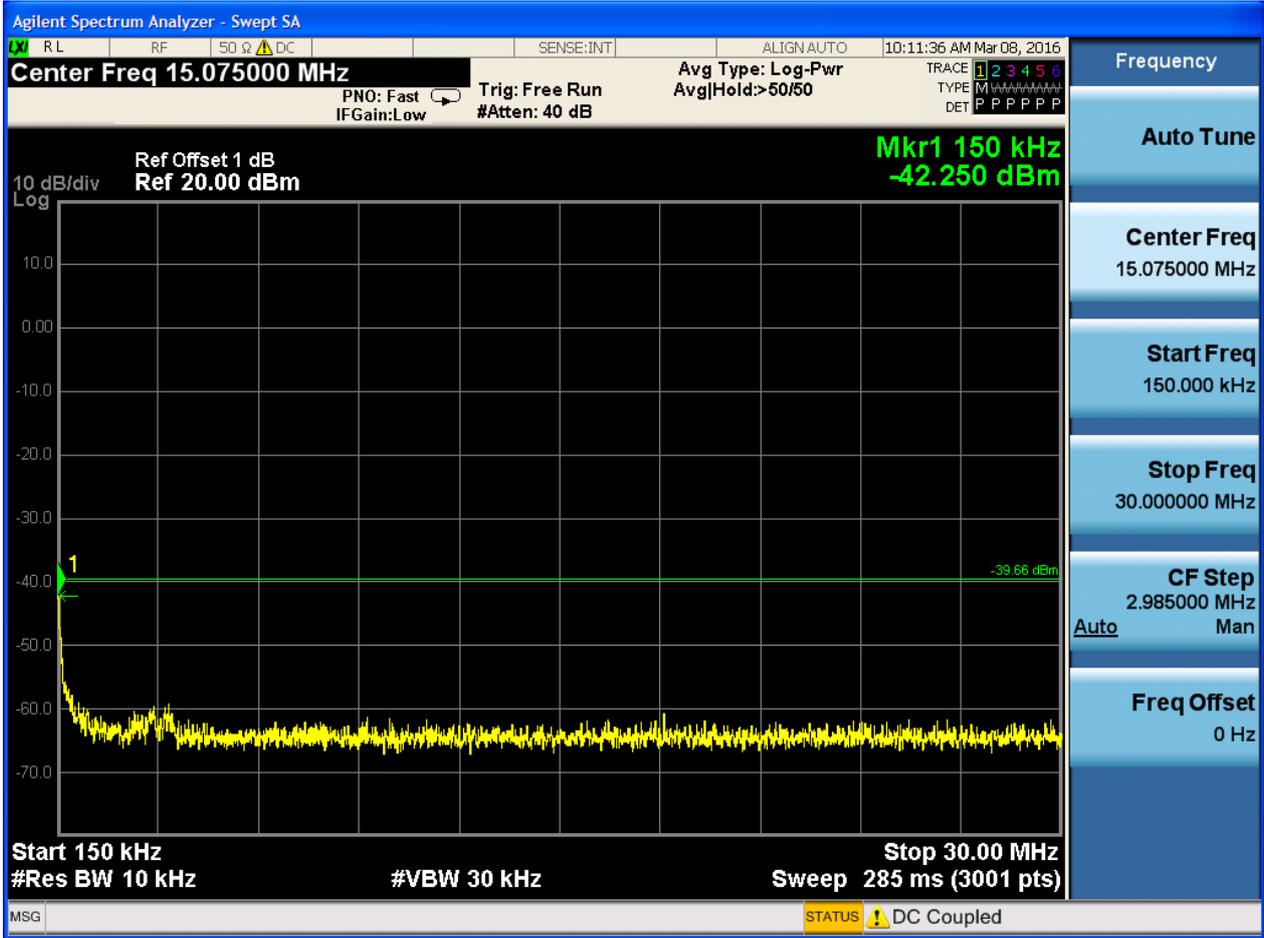
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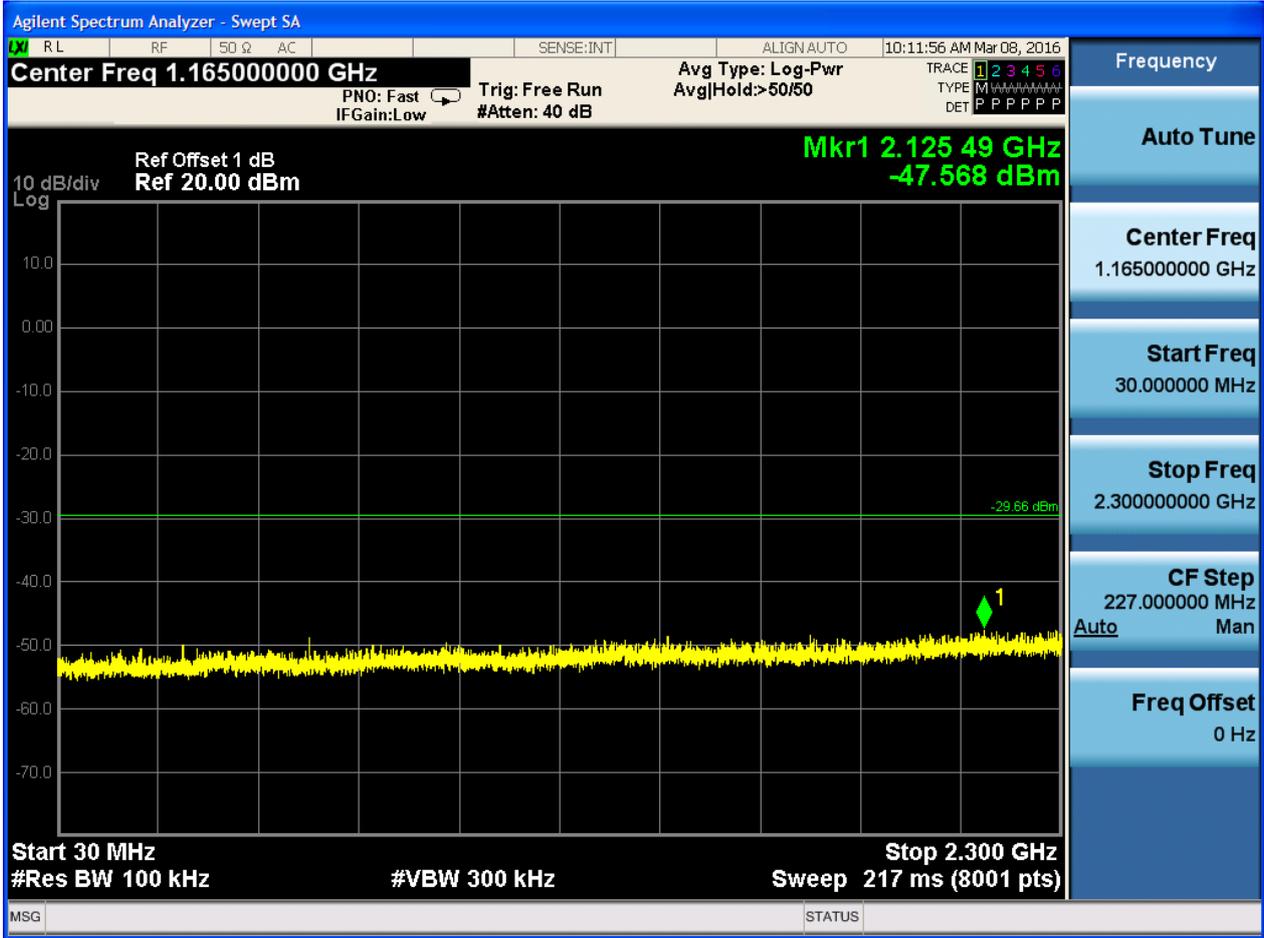


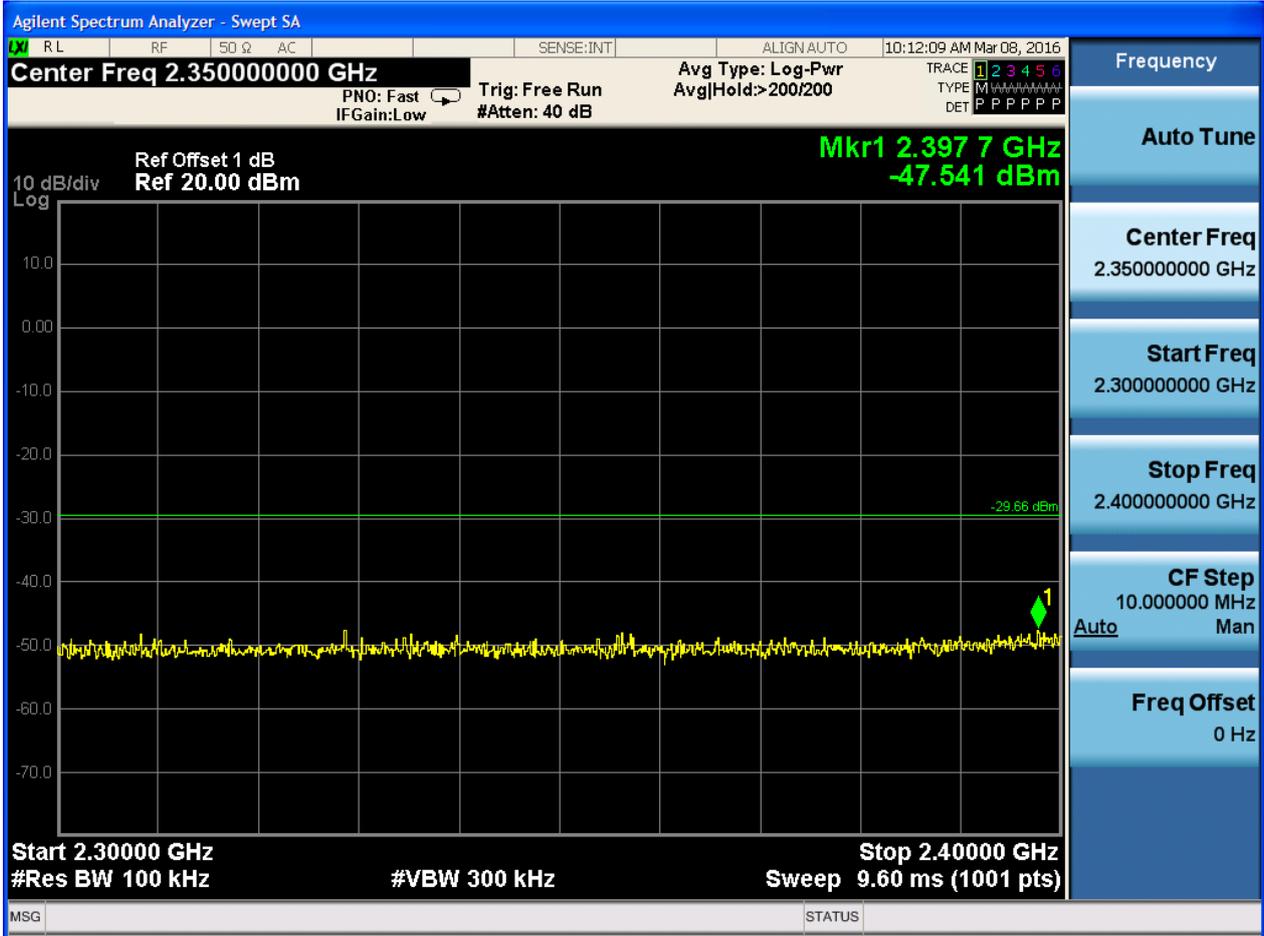


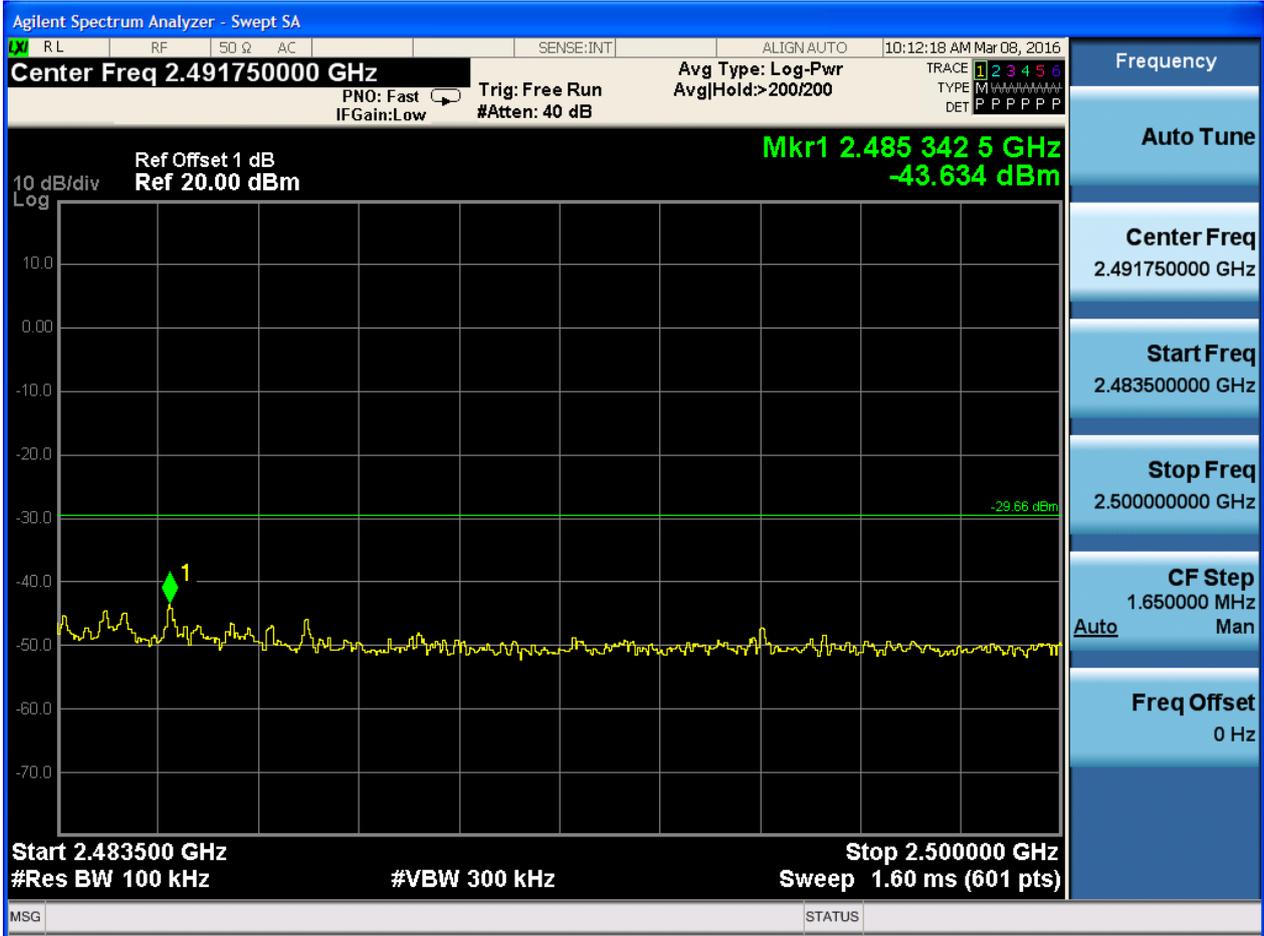
Puw:

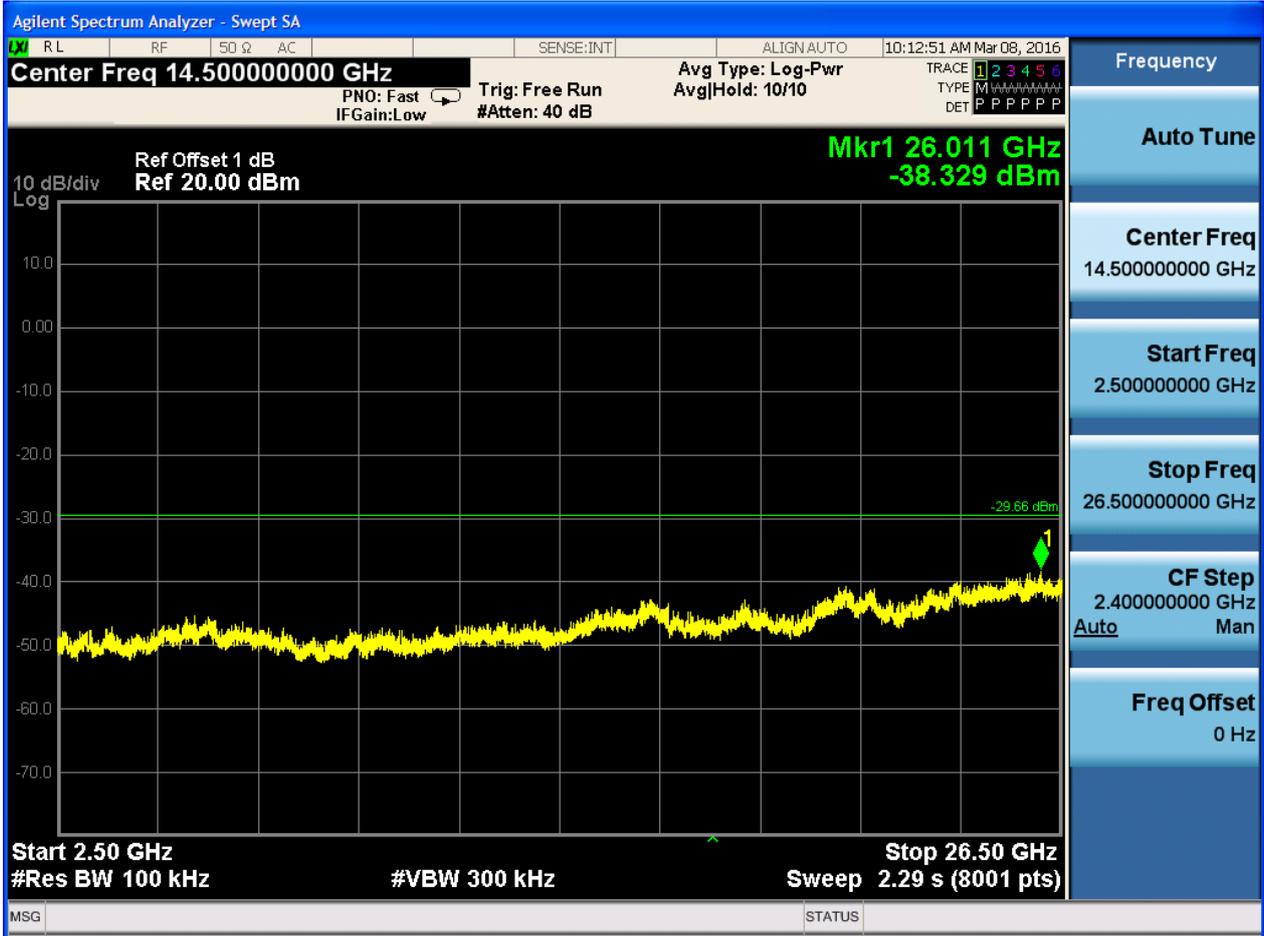








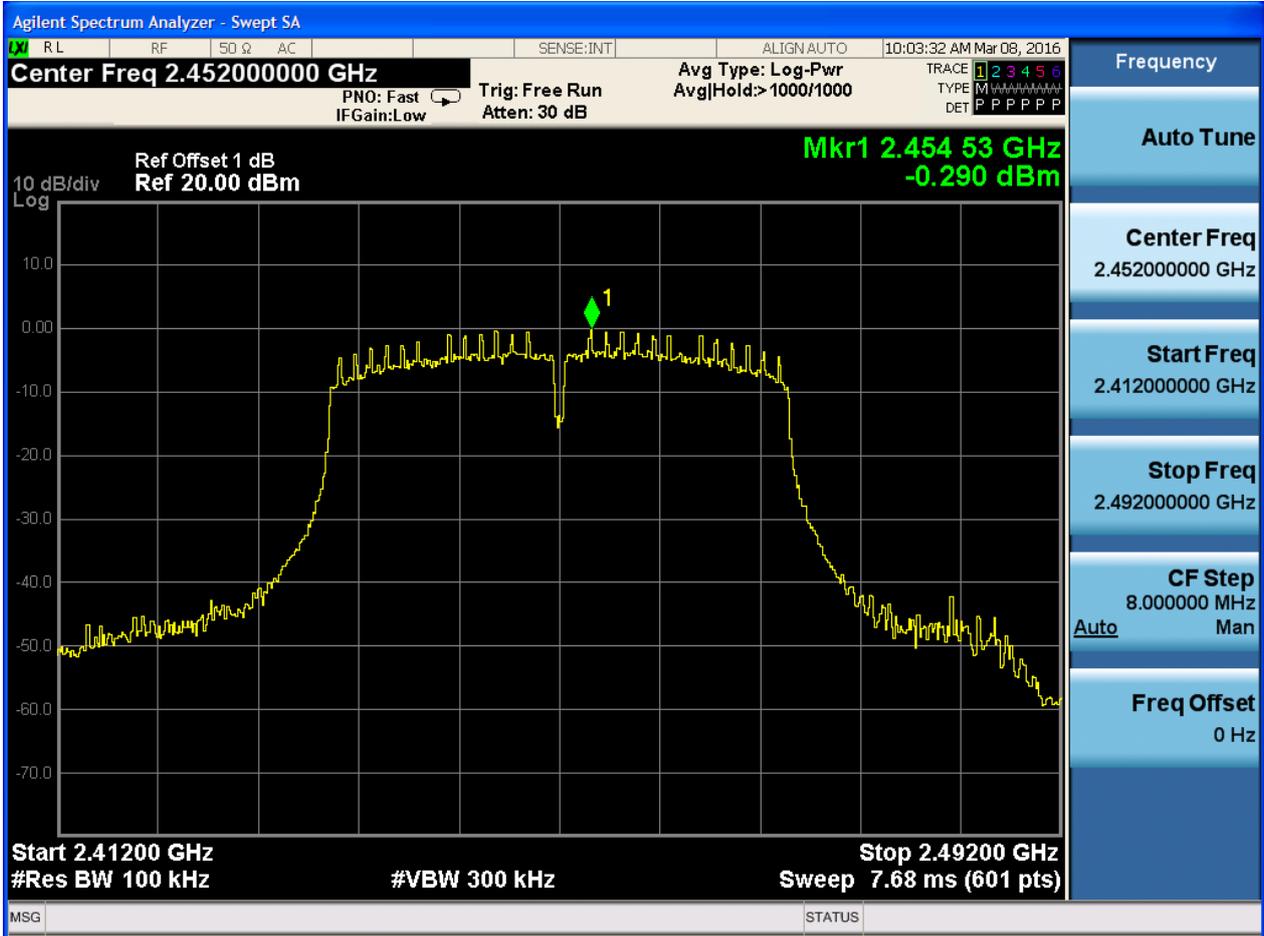




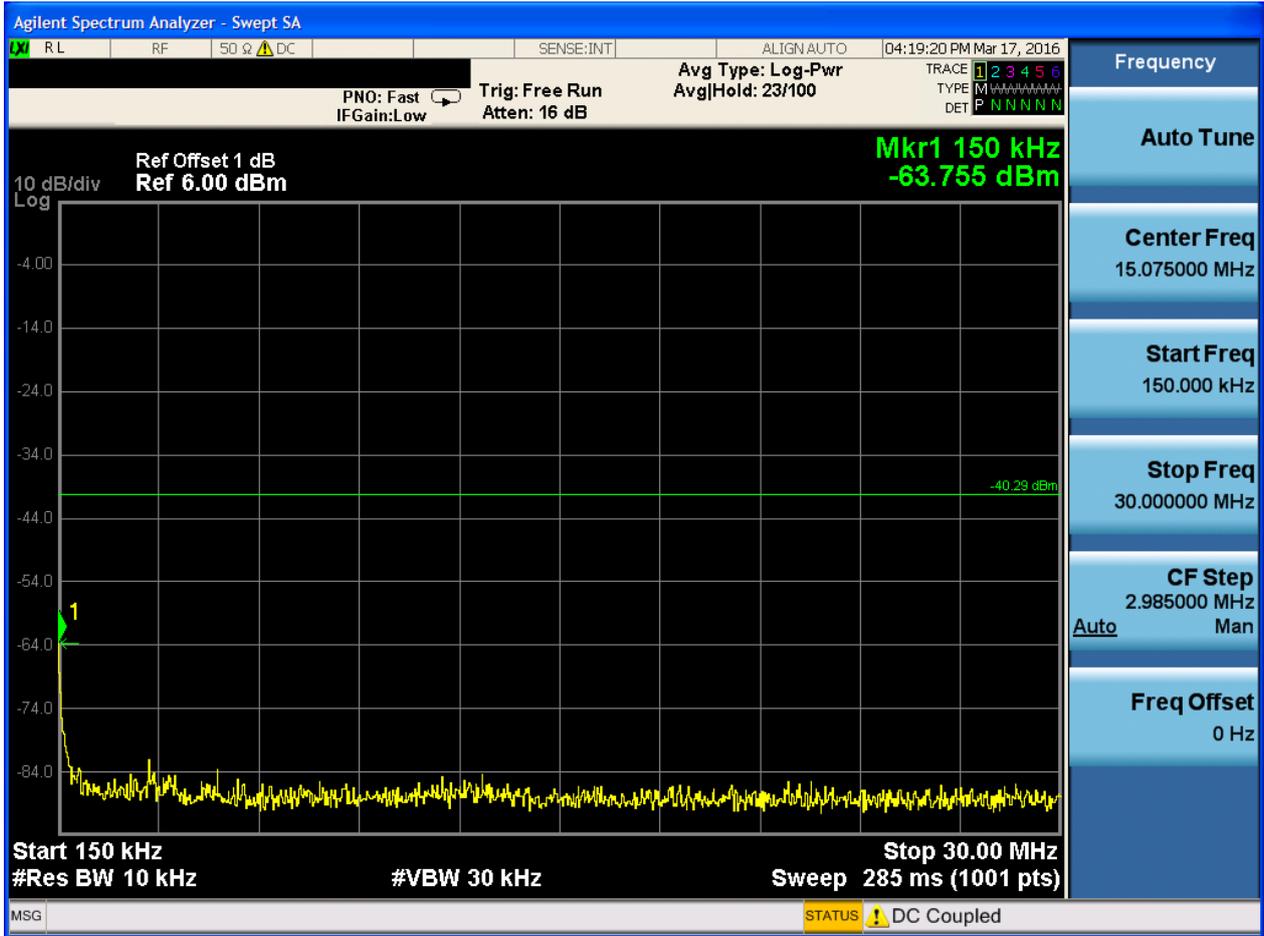


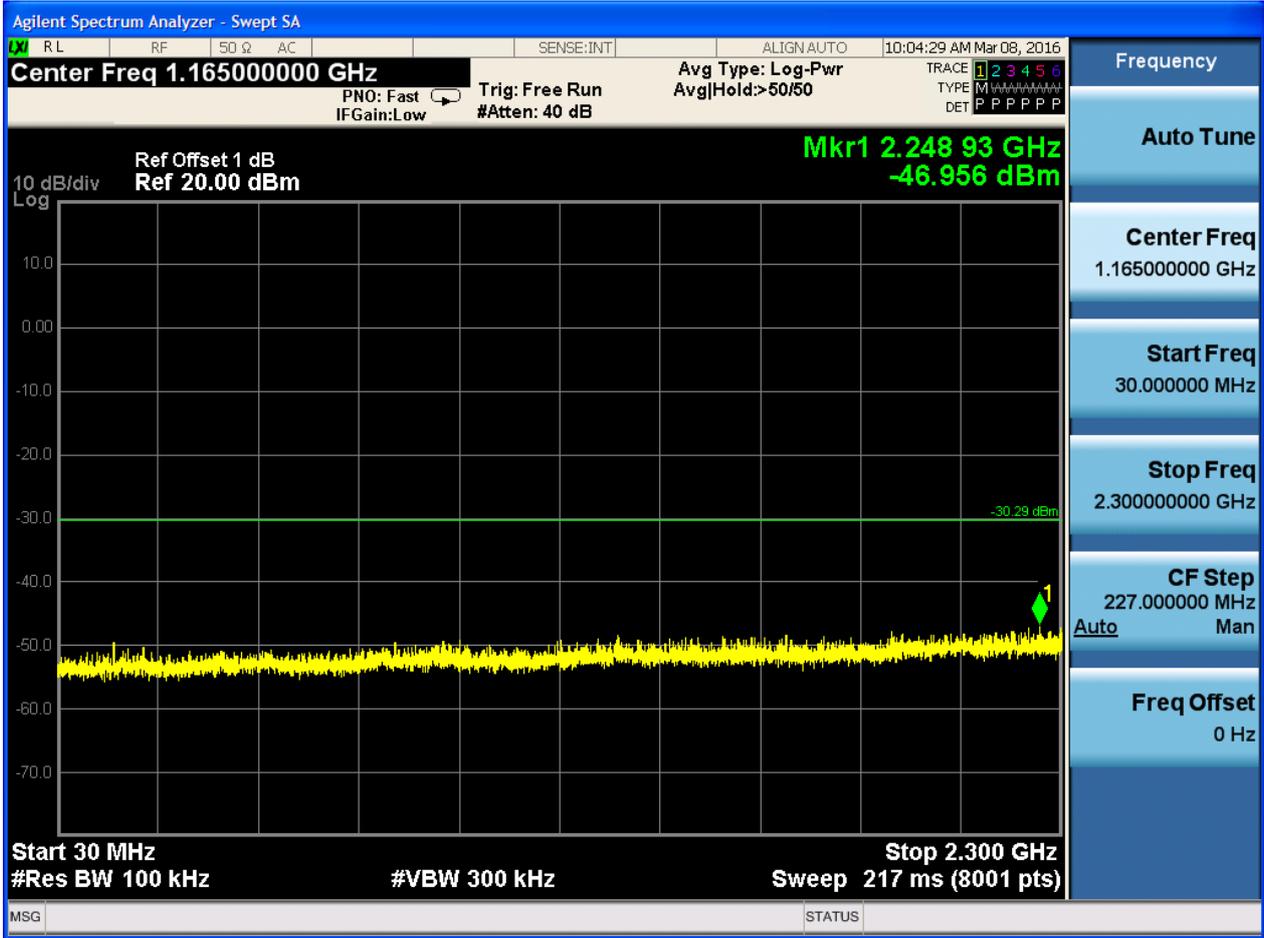
2.36 11N40m\_H@Ant 2

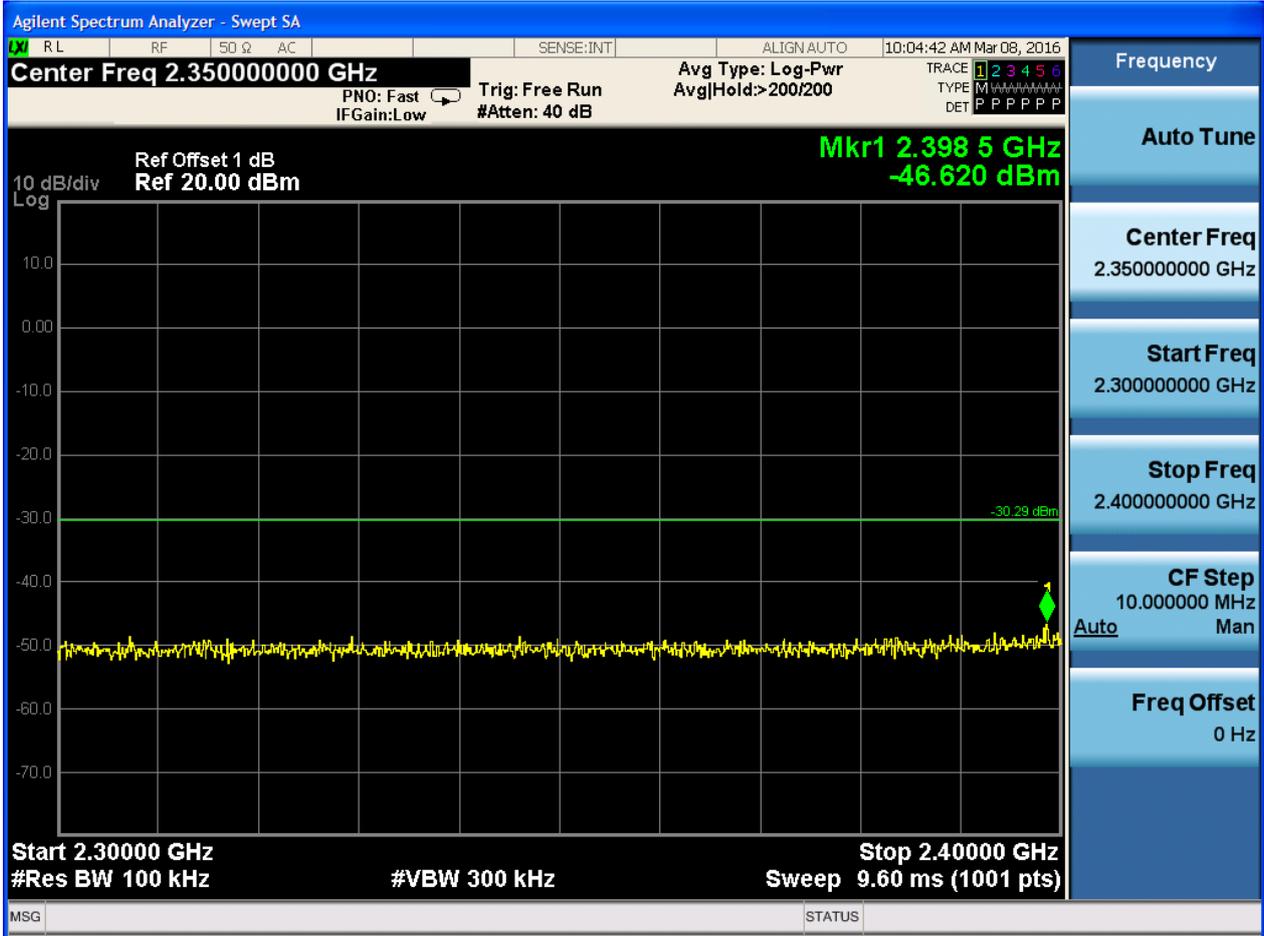
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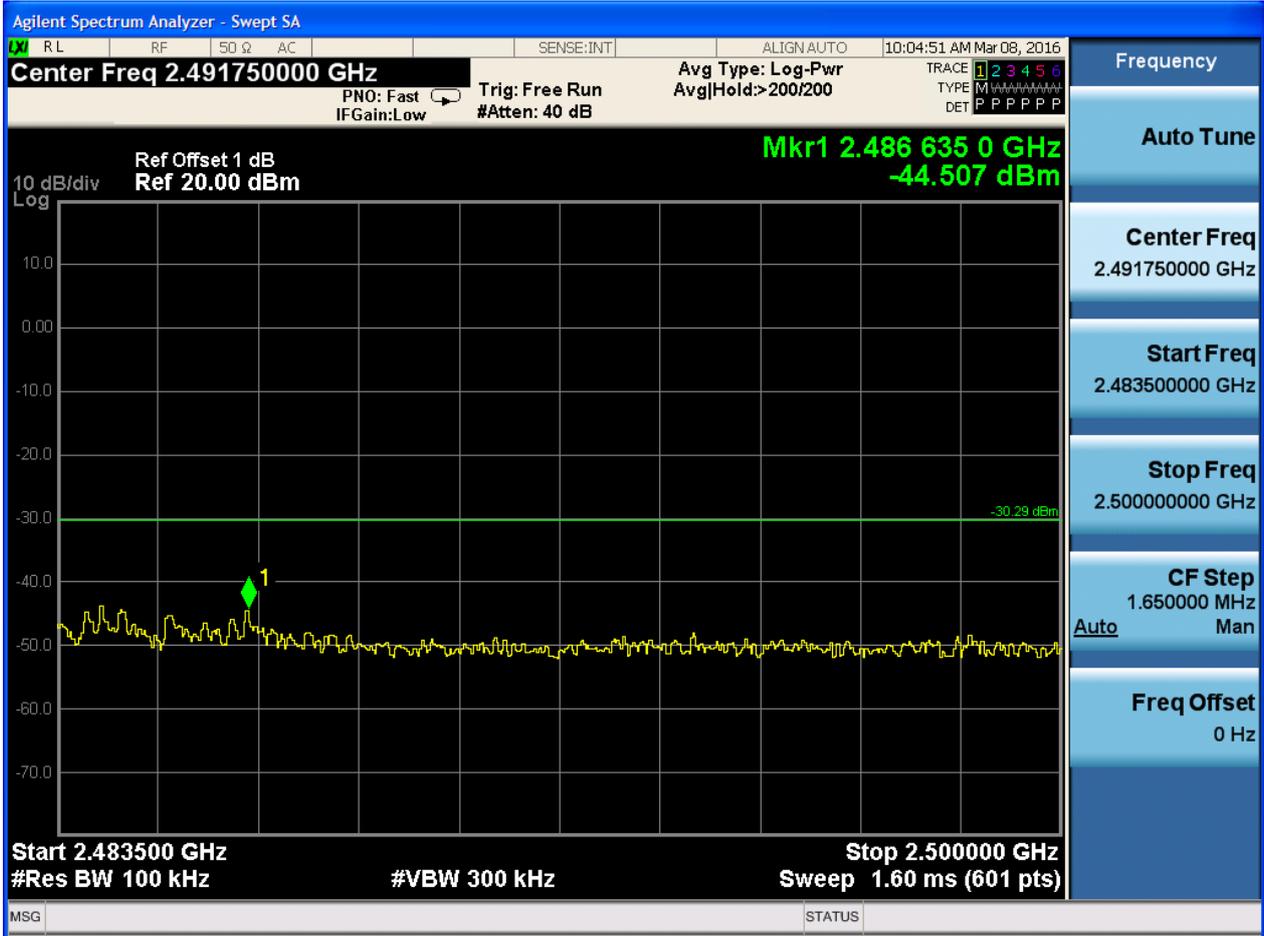


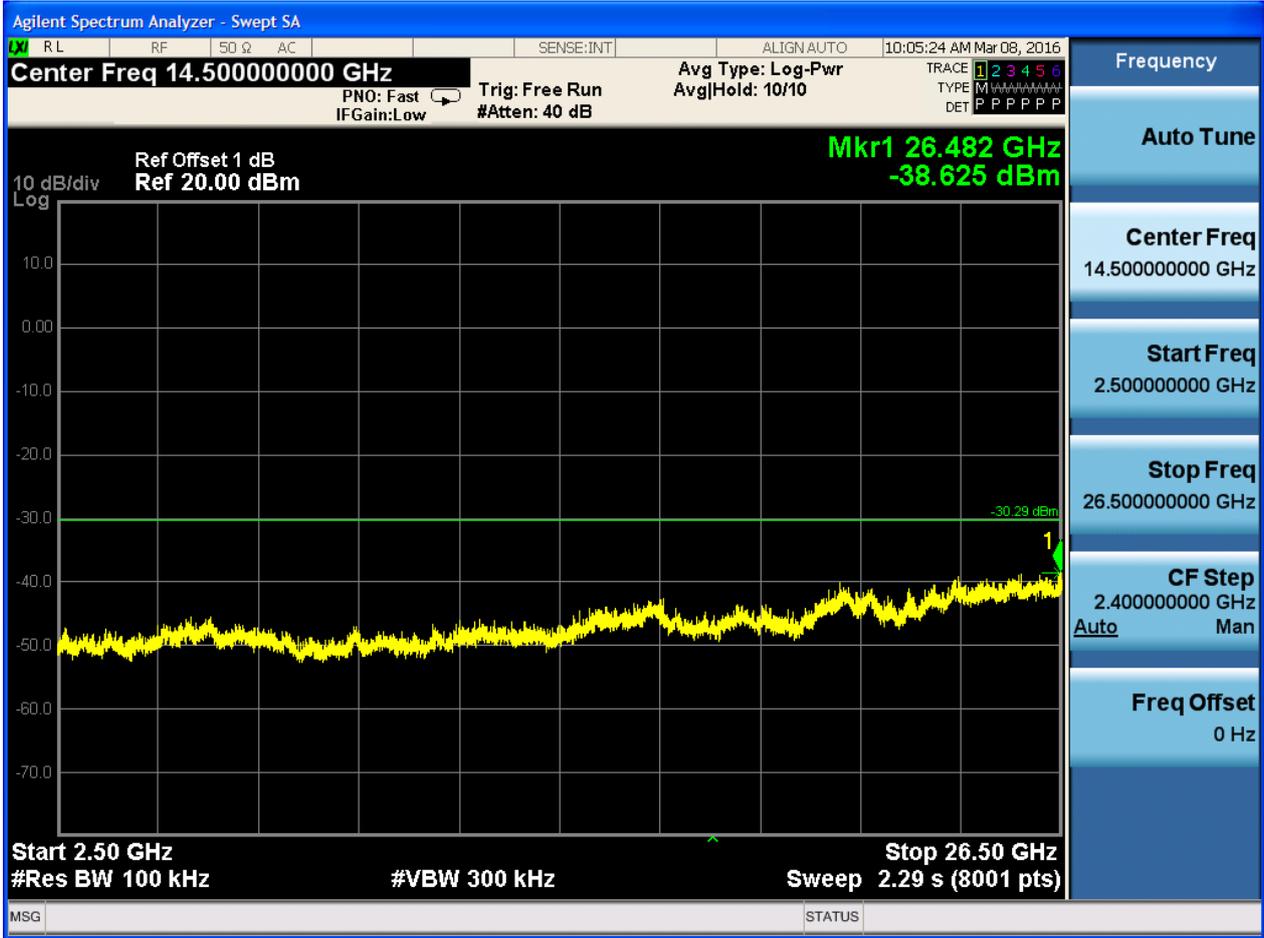














## **Appendix H: Radiated Spurious Emission & Spurious in Restricted Band**

Note: We tested all modes, but the data presented below is the worst case.

Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

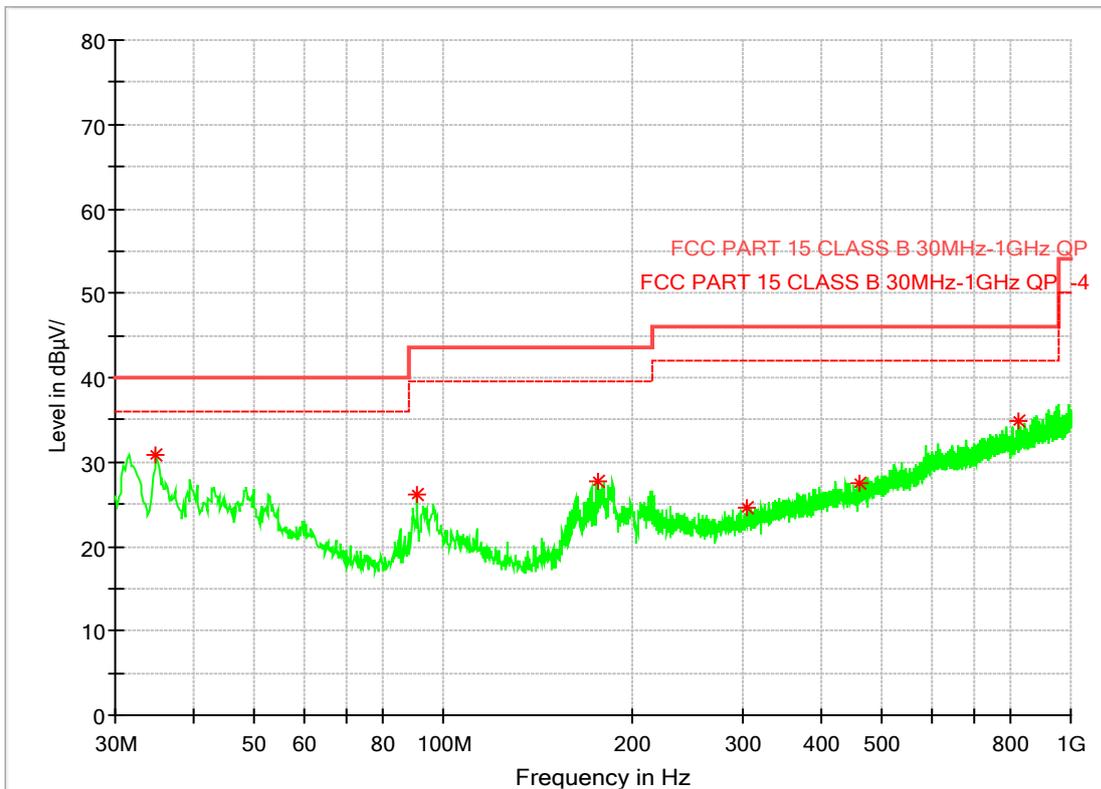
**7.1 Part 1: Testing Range of “9 kHz to 30MHz”**

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

**7.2 Part 2: Testing Range of “30 MHz to 1 GHz”**

Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



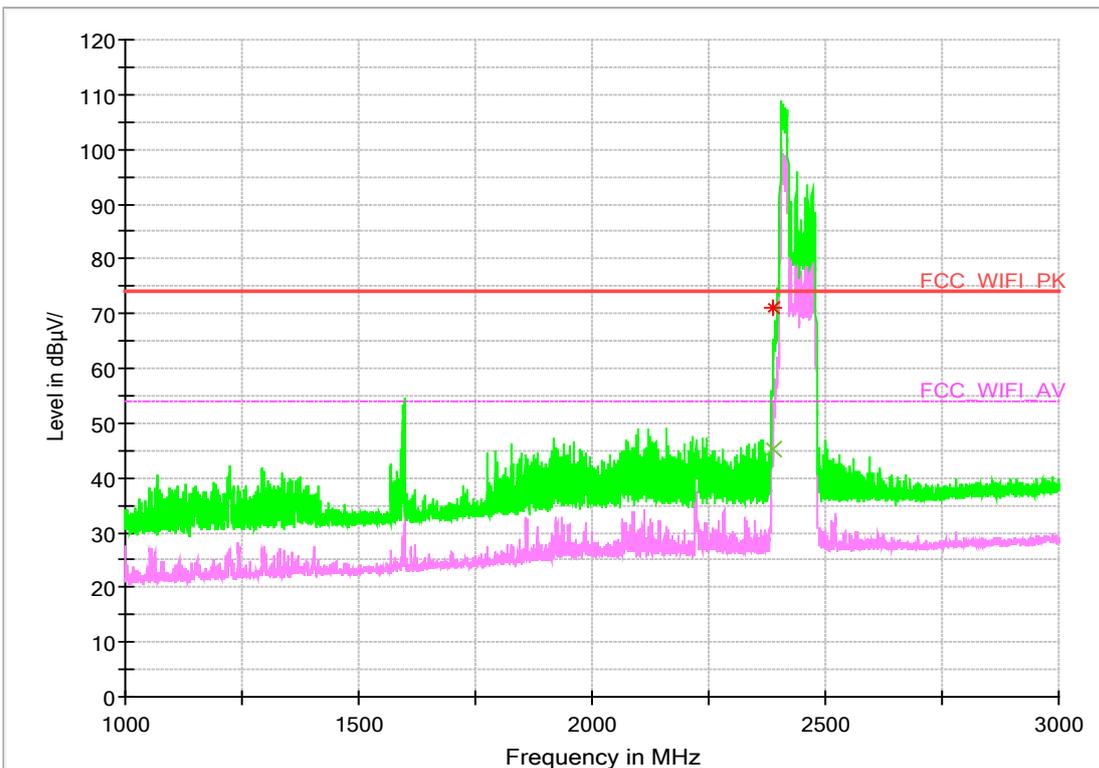
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
34.850000	30.84	40.00	-9.16	100.0	V	26.0	15.1
90.916000	26.14	43.50	-17.36	100.0	V	56.0	12.3
176.276000	27.60	43.50	-15.90	100.0	V	304.0	11.3
304.316000	24.65	46.00	-21.35	100.0	V	298.0	15.7
460.680000	27.42	46.00	-18.58	100.0	V	32.0	18.9
826.952000	34.80	46.00	-11.20	100.0	H	195.0	24.6

### 7.3 Part 3: Testing Range of “1 GHz to 3 GHz”

- Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
  - Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).
  - Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.
- Test Mode:

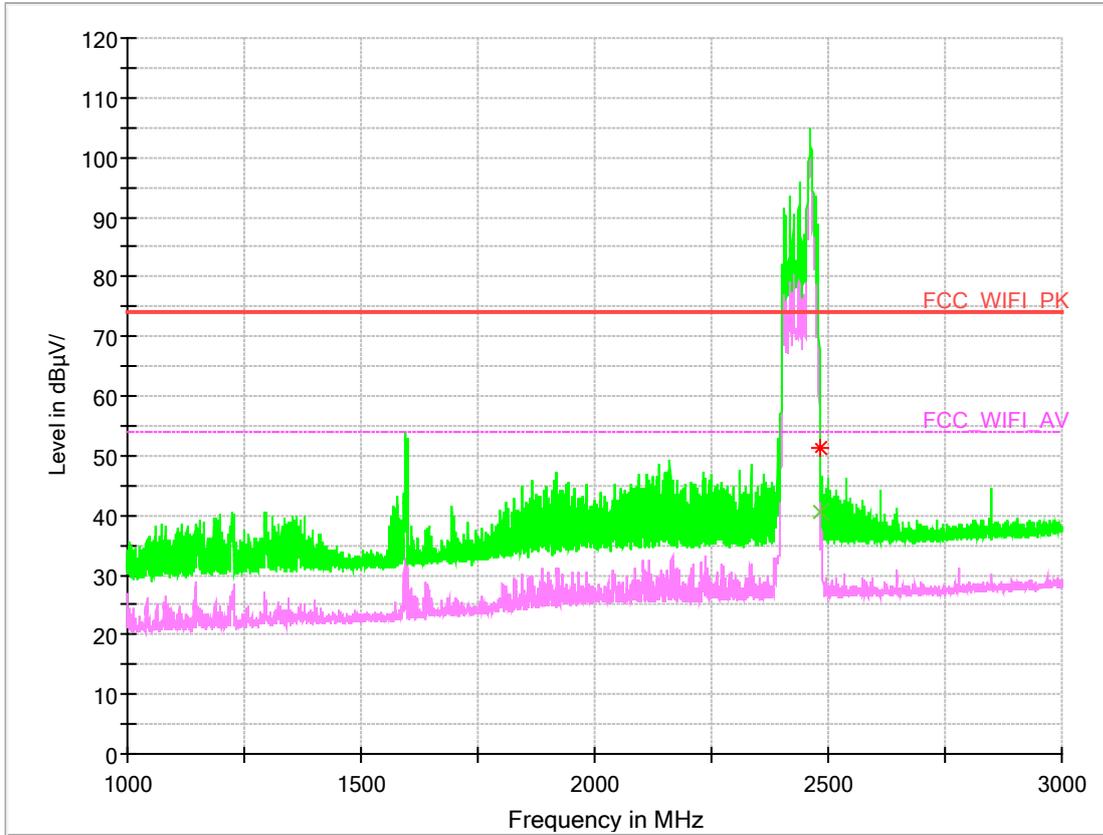
#### 7.4.1 Test Mode: 11B

##### 7.4.1.1 Channel 1 @Ant 1



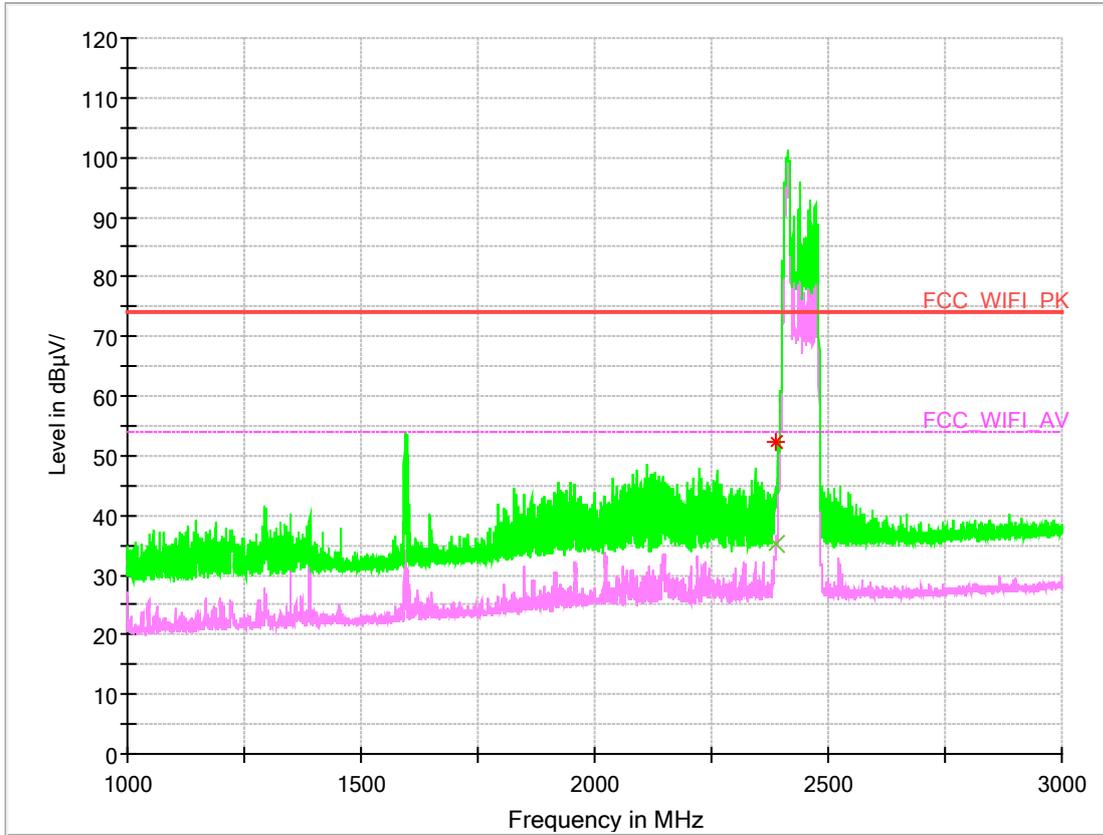
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	---	45.27	54.00	-8.73	100.0	H	5.0	-7.8
2390.000000	70.00	---	74.00	-4.00	100.0	H	-5.0	-7.8

7.4.1.2 Channel 11@Ant 1



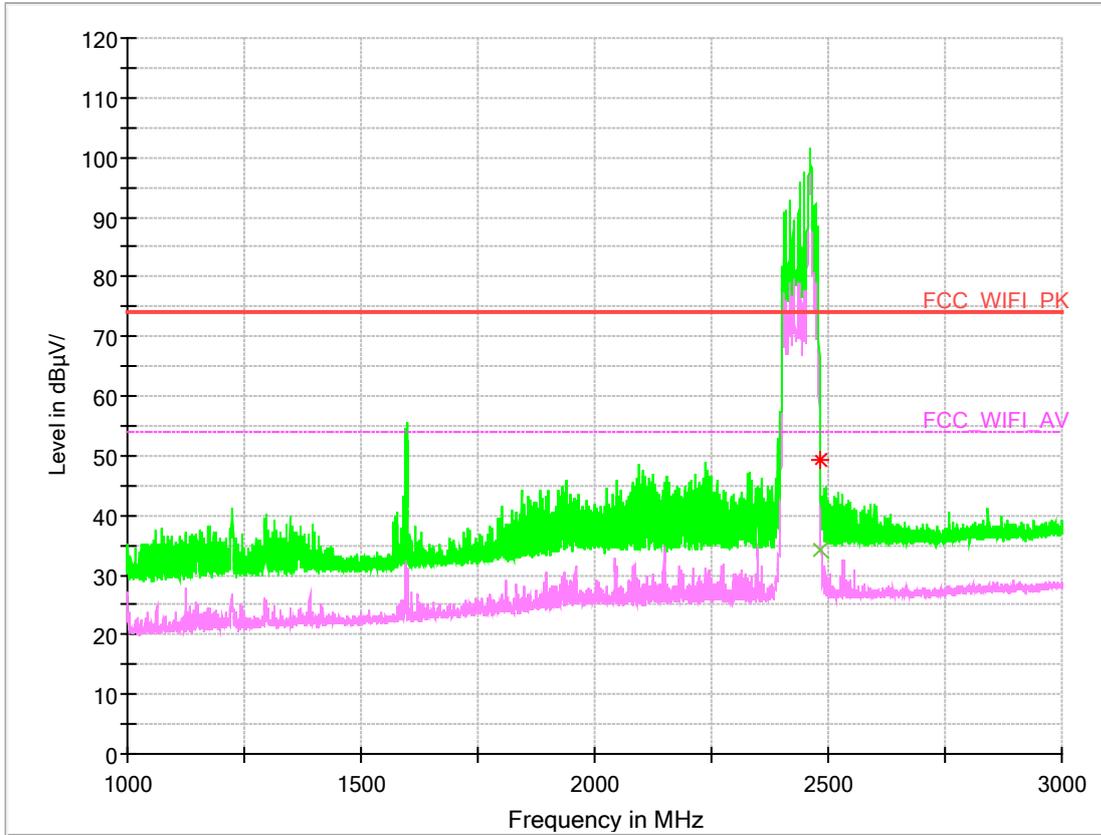
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	40.43	54.00	-13.57	100.0	H	-5.0	-0.4
2483.500000	51.29	---	74.00	-22.71	100.0	H	-5.0	-0.4

7.4.1.3 Channel 1 @Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	---	35.26	54.00	-18.74	100.0	H	39.0	-7.8
2390.000000	52.25	---	74.00	-21.75	100.0	H	-1.0	-7.8

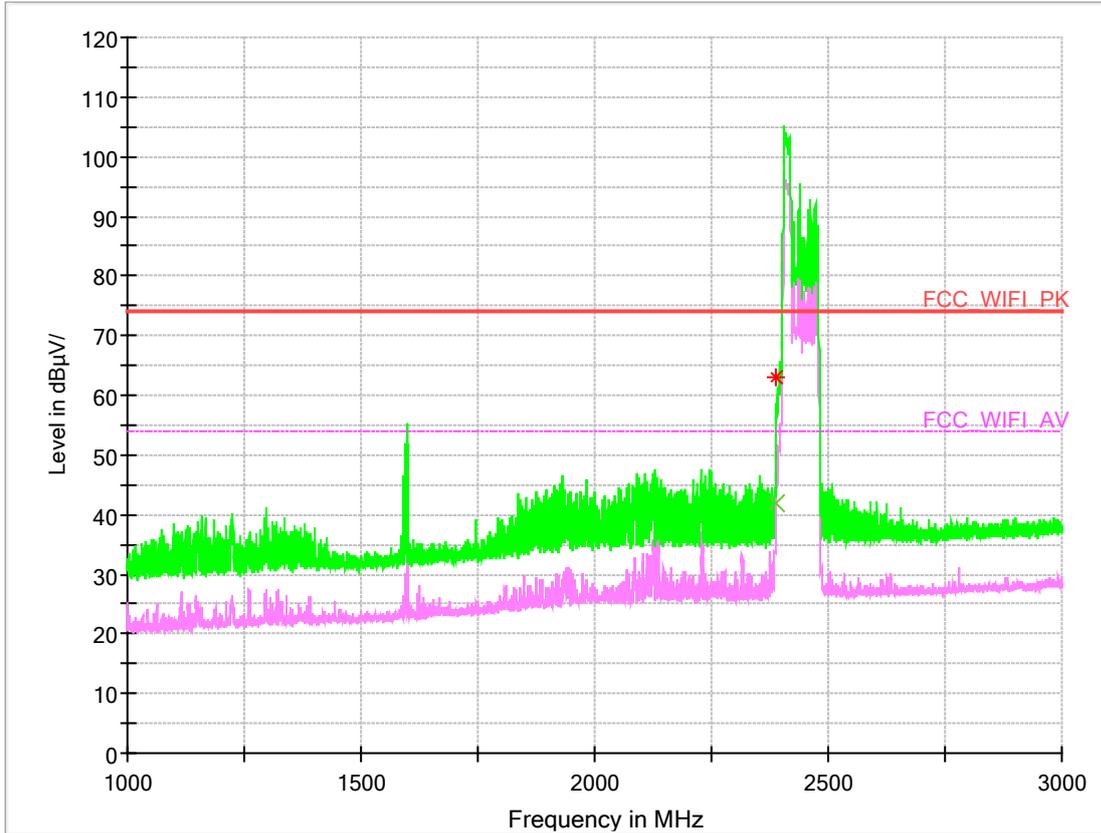
7.4.1.4 Channel 11@Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	34.16	54.00	-19.84	100.0	V	123.0	-0.4
2483.500000	49.32	---	74.00	-24.68	117.0	H	230.0	-0.4

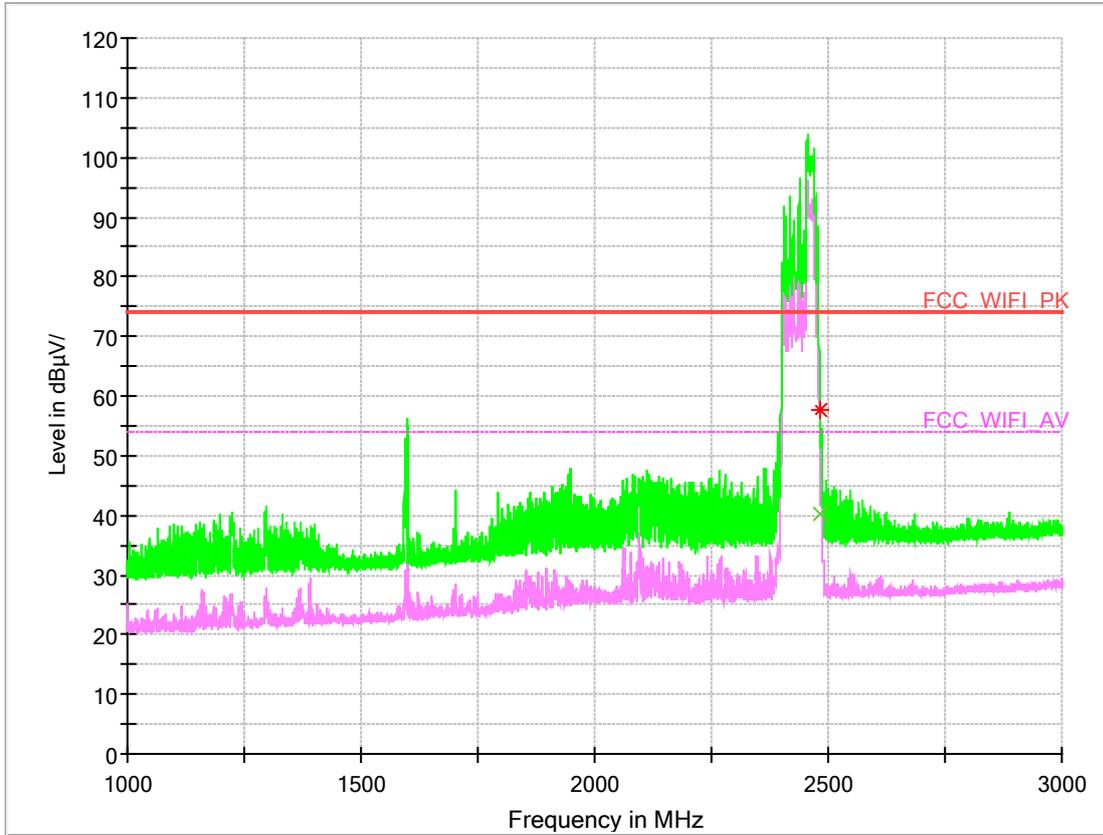
**7.4.2 Test Mode: 11G**

**7.4.2.1 Channel 1 @Ant 1**



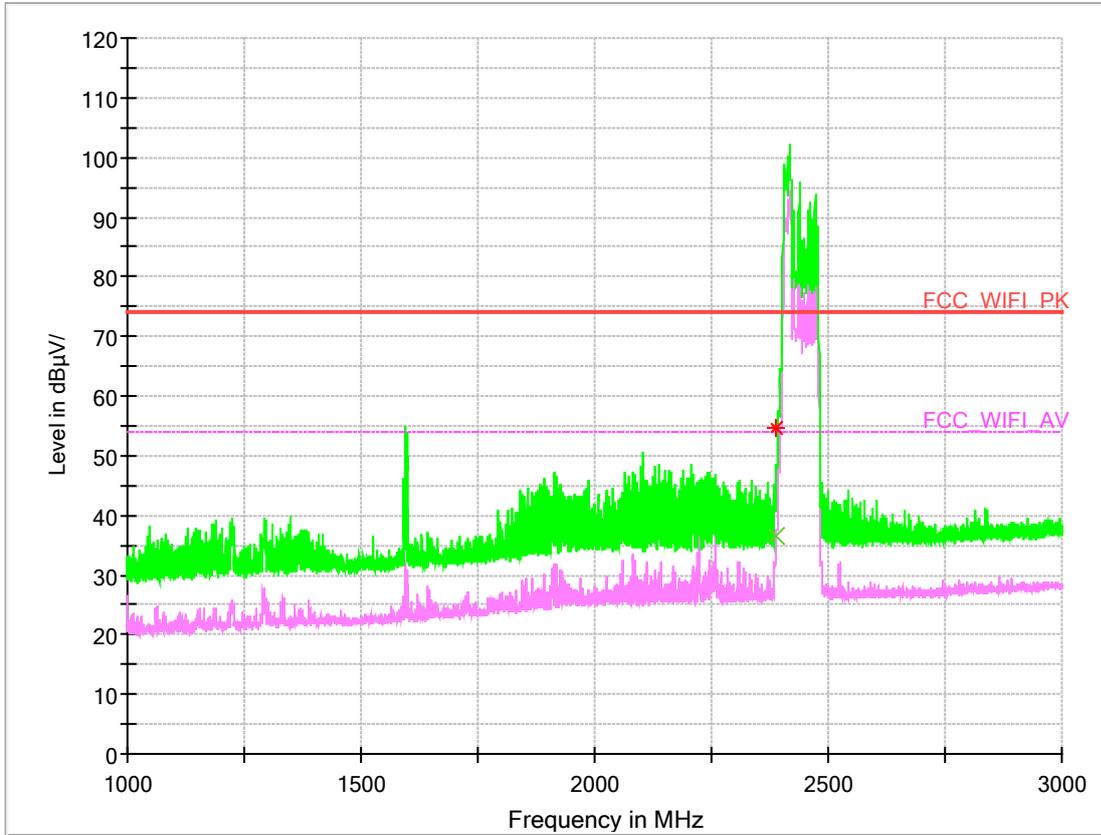
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	---	41.76	54.00	-12.24	100.0	H	-1.0	-7.8
2390.000000	63.14	---	74.00	-10.86	100.0	H	4.0	-7.8

7.4.2.2 Channel 11@Ant 1



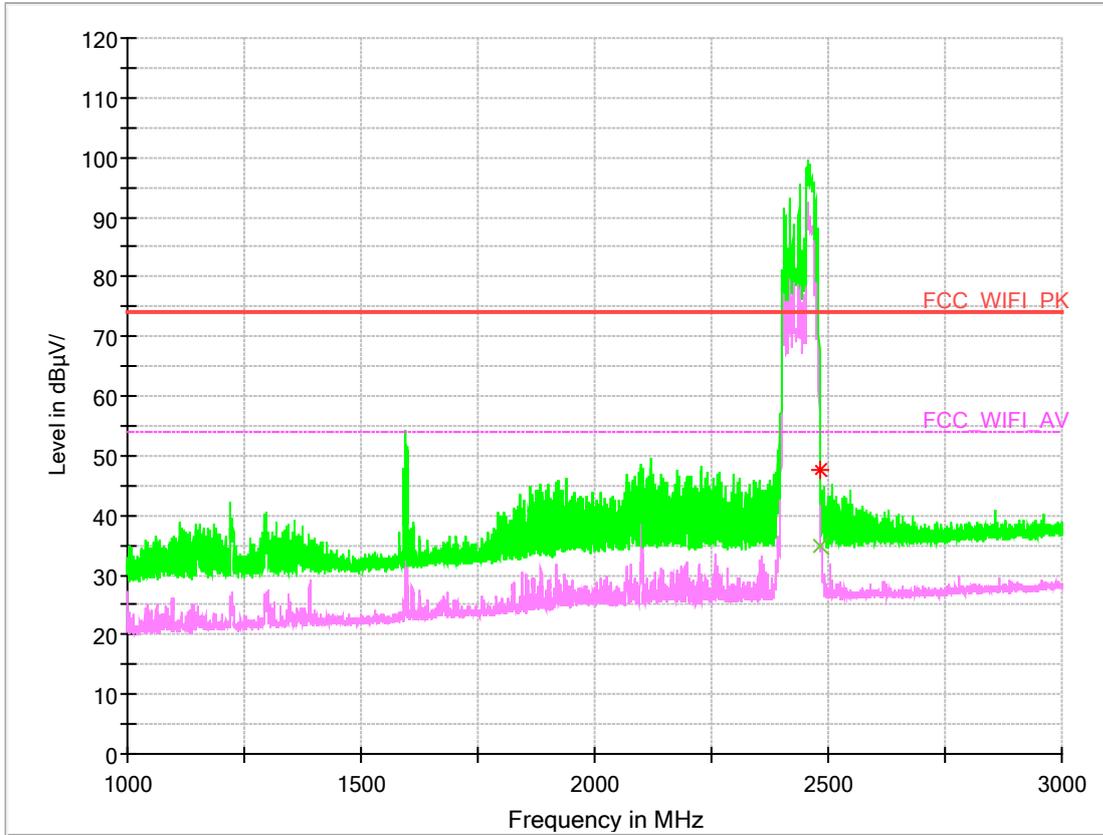
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	40.24	54.00	-13.76	100.0	H	355.0	-0.4
2483.500000	57.80	---	74.00	-16.20	100.0	H	350.0	-0.4

7.4.2.3 Channel 1 @Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	54.80	---	74.00	-19.20	106.0	H	39.0	-7.8
2390.000000	---	36.40	54.00	-17.60	106.0	H	39.0	-7.8

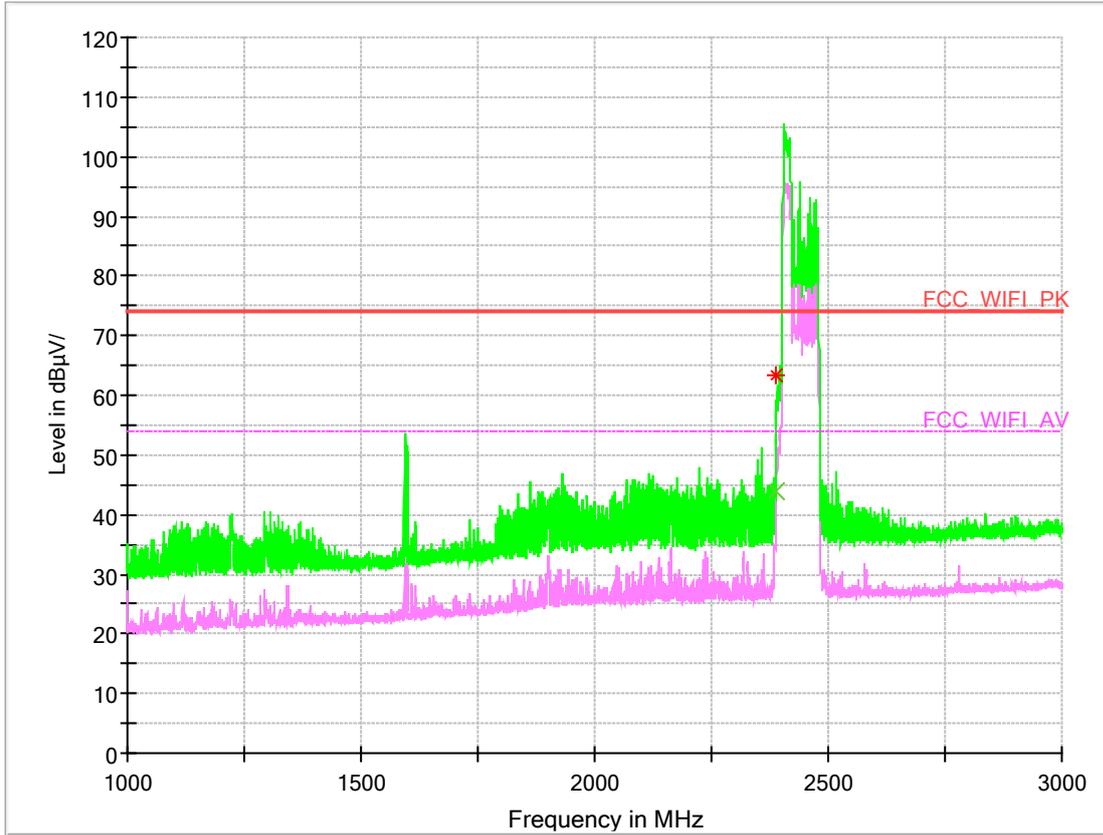
7.4.2.4 Channel 11@Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	47.59	---	74.00	-26.41	100.0	H	355.0	-0.4
2483.500000	---	34.79	54.00	-19.21	100.0	H	350.0	-0.4

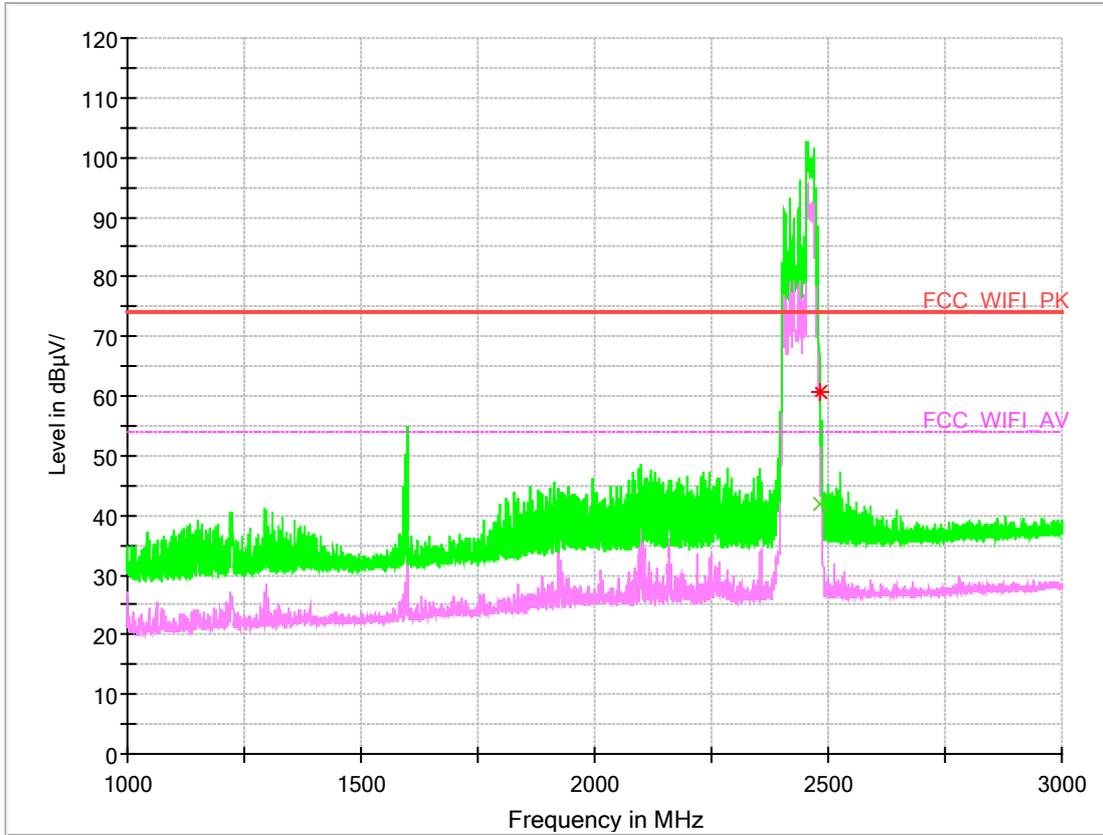
**7.4.3 Test Mode: 11N20**

**7.4.3.1 Channel 1 @Ant 1**



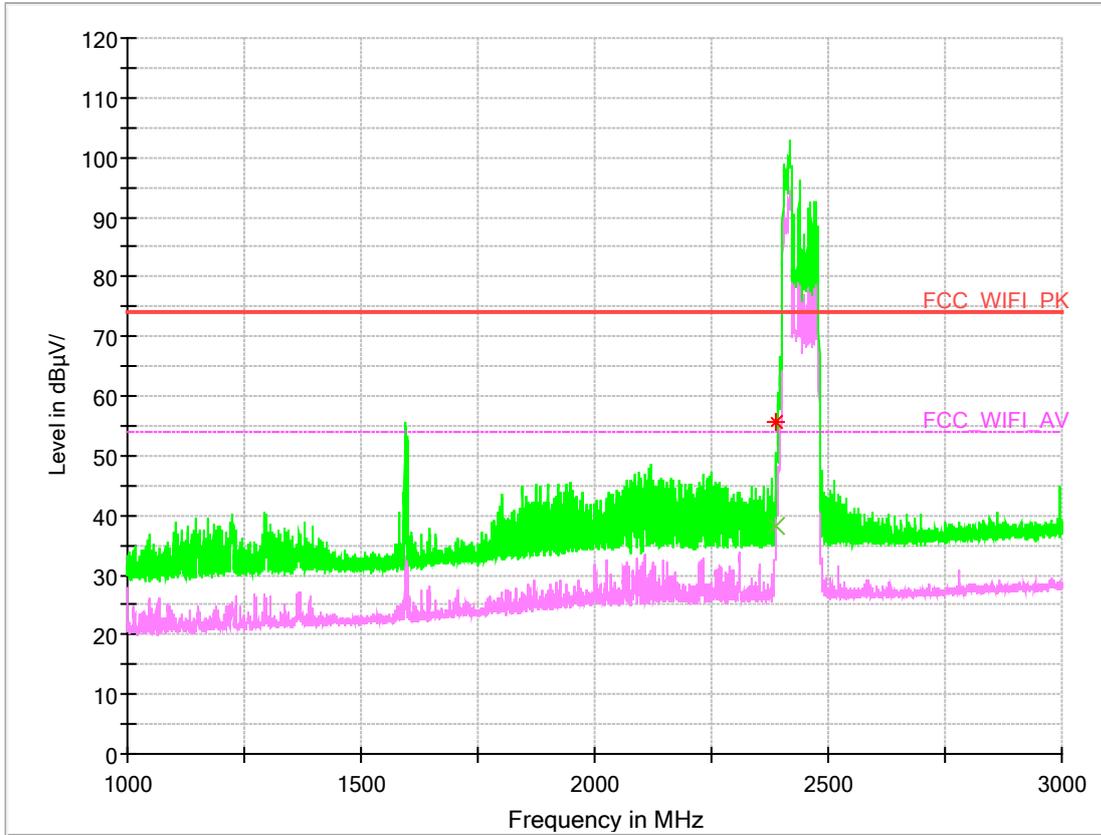
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	63.22	---	74.00	-10.78	100.0	H	5.0	-7.8
2390.000000	---	43.88	54.00	-10.12	100.0	H	-10.0	-7.8

7.4.3.2 Channel 11@Ant 1



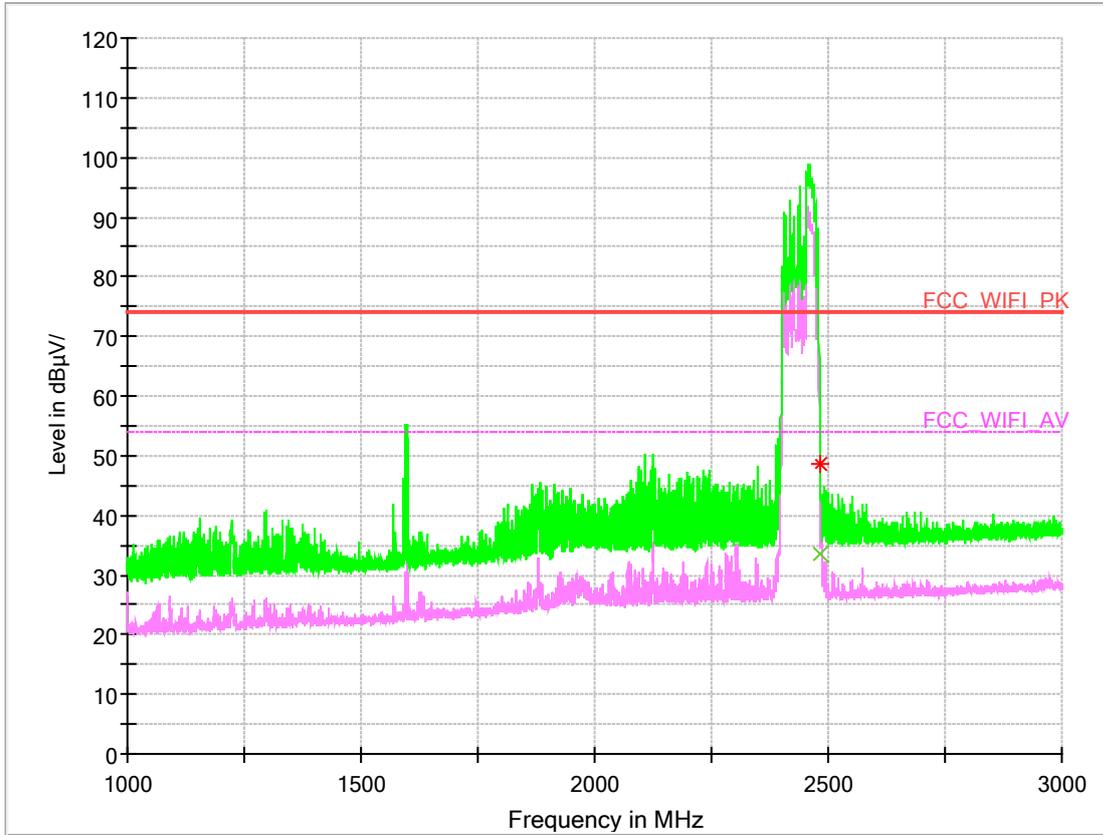
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	60.58	---	74.00	-13.42	100.0	H	-5.0	-0.4
2483.500000	---	42.02	54.00	-11.98	100.0	H	5.0	-0.4

7.4.3.3 Channel 1 @Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	55.48	---	74.00	-18.52	107.0	H	40.0	-7.8
2390.000000	---	38.17	54.00	-15.83	106.0	H	40.0	-7.8

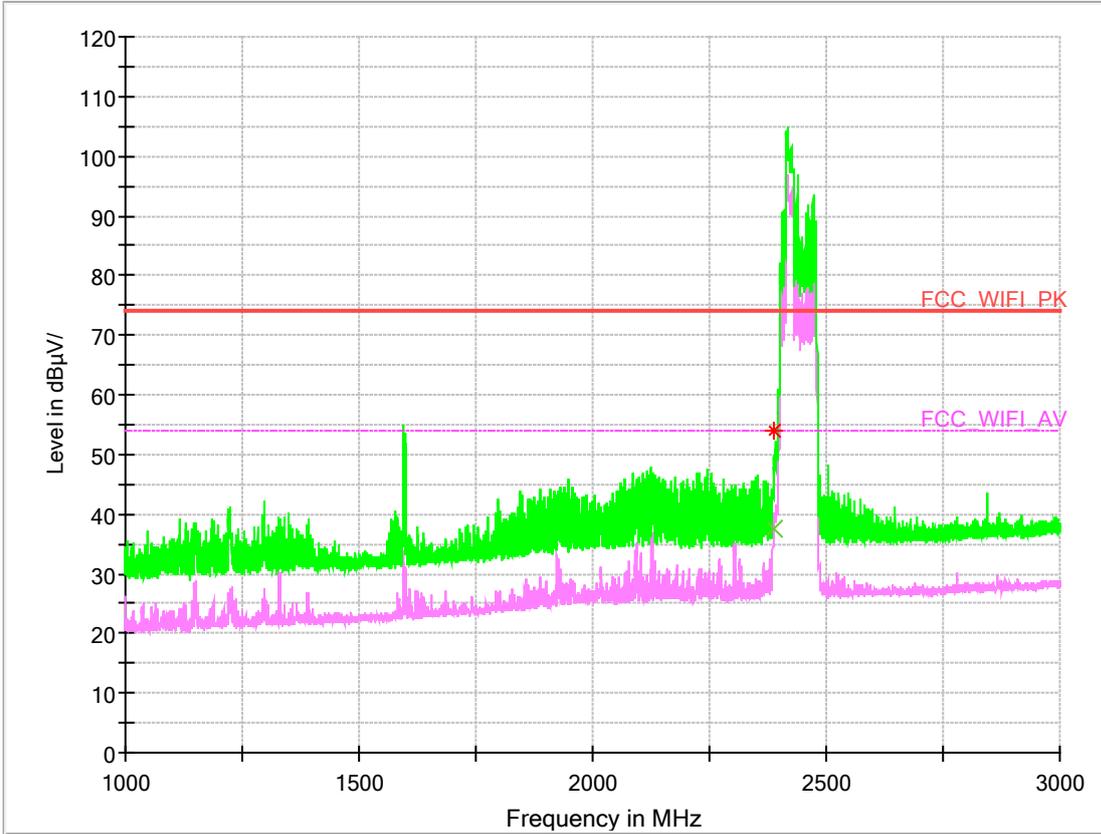
7.4.3.4 Channel 11@Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	48.60	---	74.00	-25.40	100.0	V	126.0	-0.4
2483.500000	---	33.64	54.00	-20.36	100.0	V	128.0	-0.4

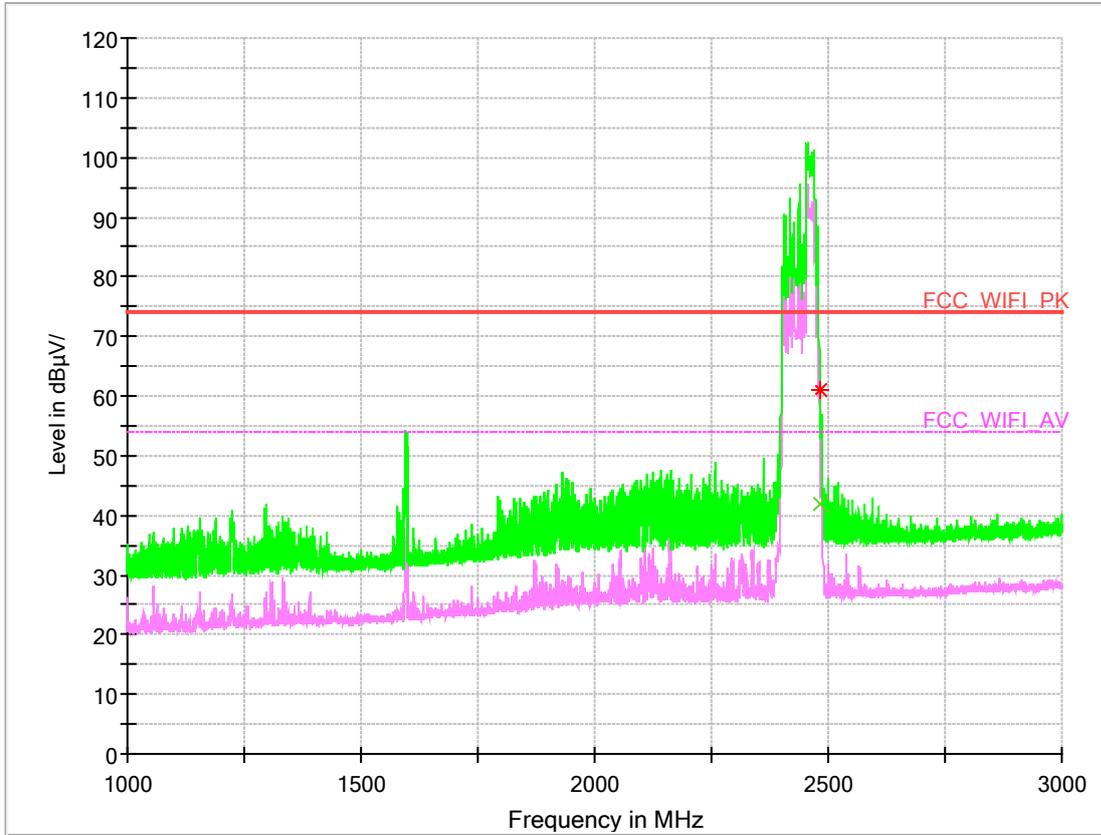
**7.4.4 Test Mode: 11N40**

**7.4.4.1 Channel 3@Ant 1**



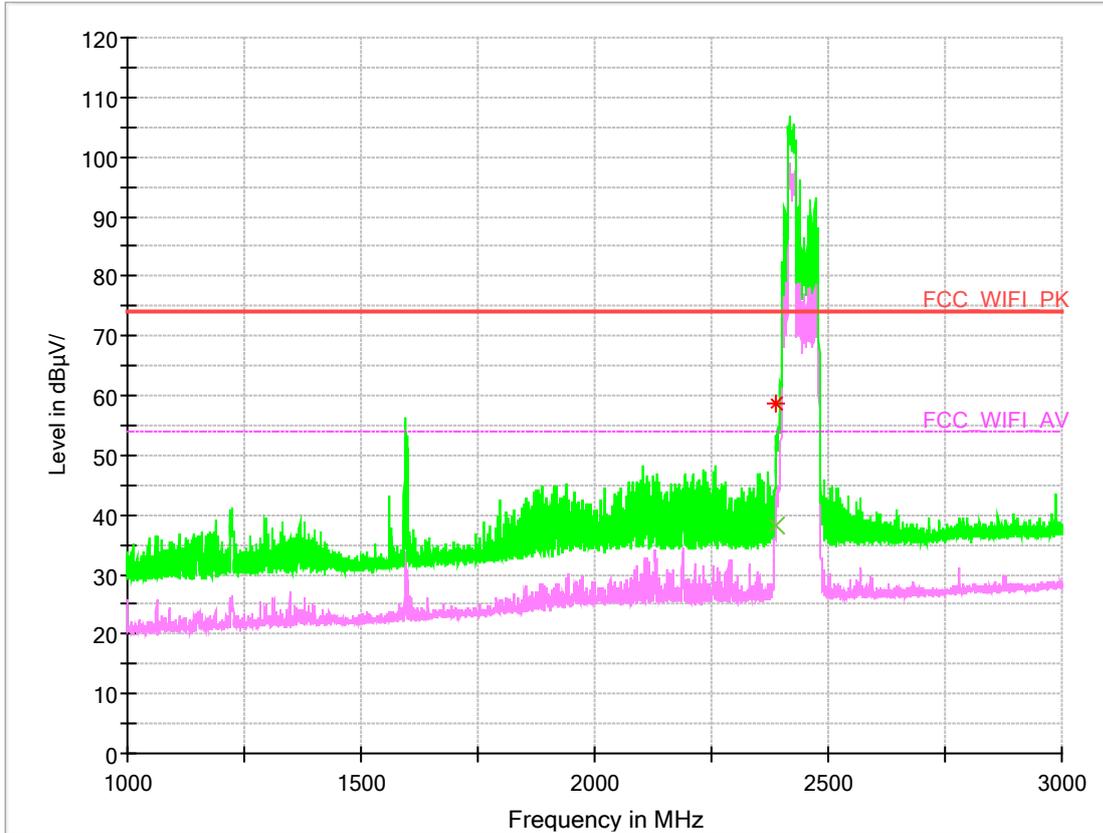
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	53.99	---	74.00	-20.01	100.0	H	0.0	-7.8
2390.000000	---	37.40	54.00	-16.60	100.0	H	5.0	-7.8

7.4.4.2 Channel 9@Ant 1



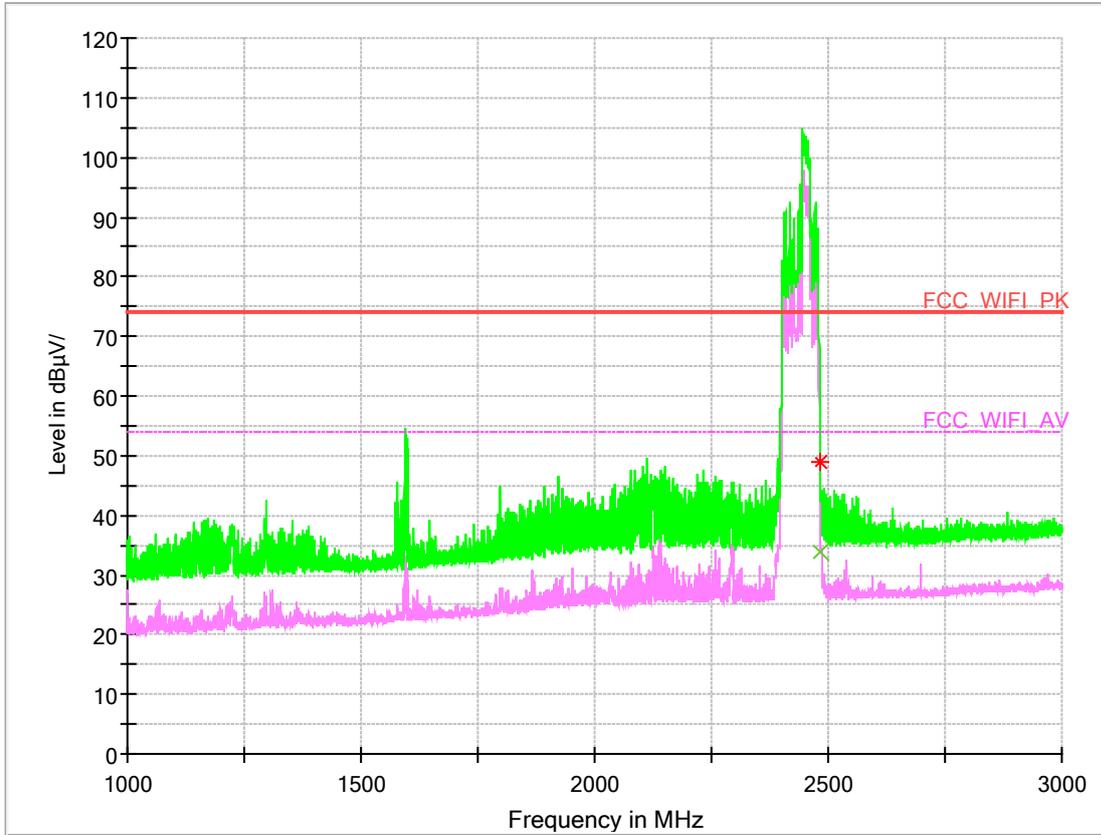
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	---	41.90	54.00	-12.10	100.0	H	5.0	-0.4
2483.500000	60.86	---	74.00	-13.14	100.0	H	0.0	-0.4

7.4.4.3 Channel 3@Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2390.000000	---	38.36	54.00	-15.64	100.0	H	-10.0	-7.8
2390.000000	58.67	---	74.00	-15.33	100.0	H	-10.0	-7.8

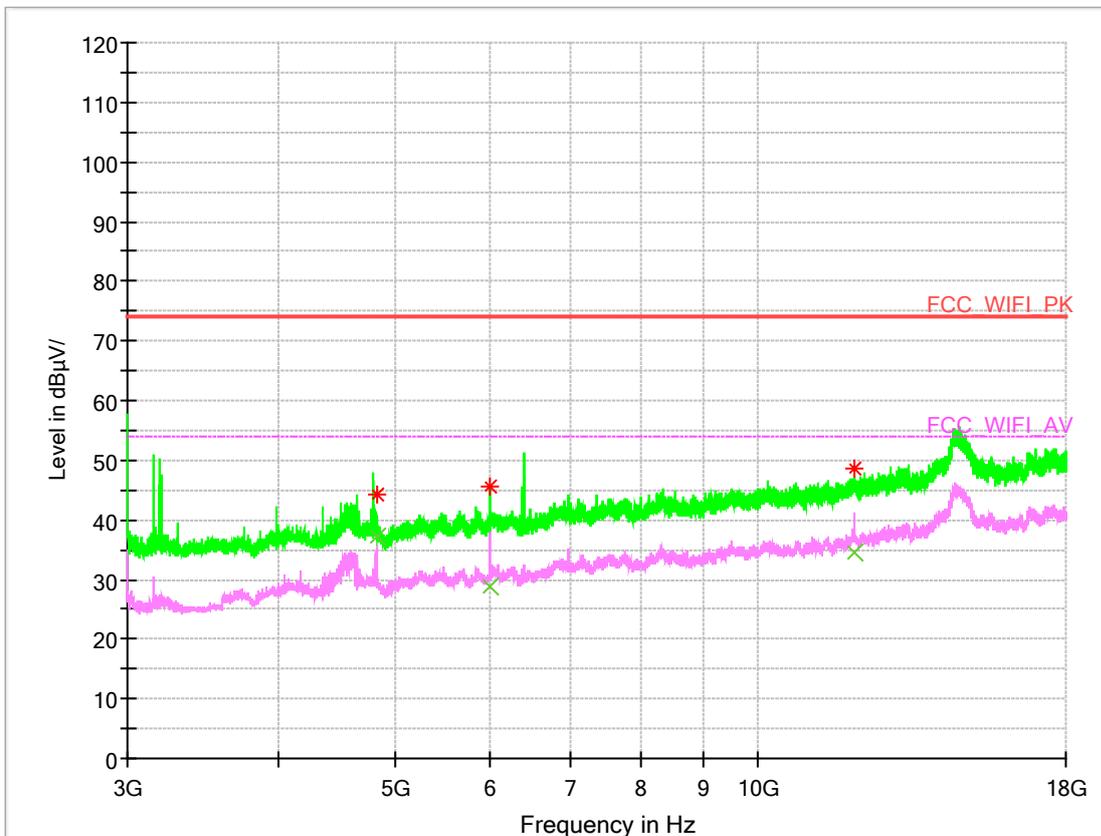
7.4.4.4 Channel 9@Ant 2



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2483.500000	49.03	---	74.00	-24.97	124.0	H	342.0	-0.4
2483.500000	---	33.93	54.00	-20.07	100.0	H	338.0	-0.4

#### 7.4 Part 4: Testing Range of “3 GHz to 18 GHz”

- Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).

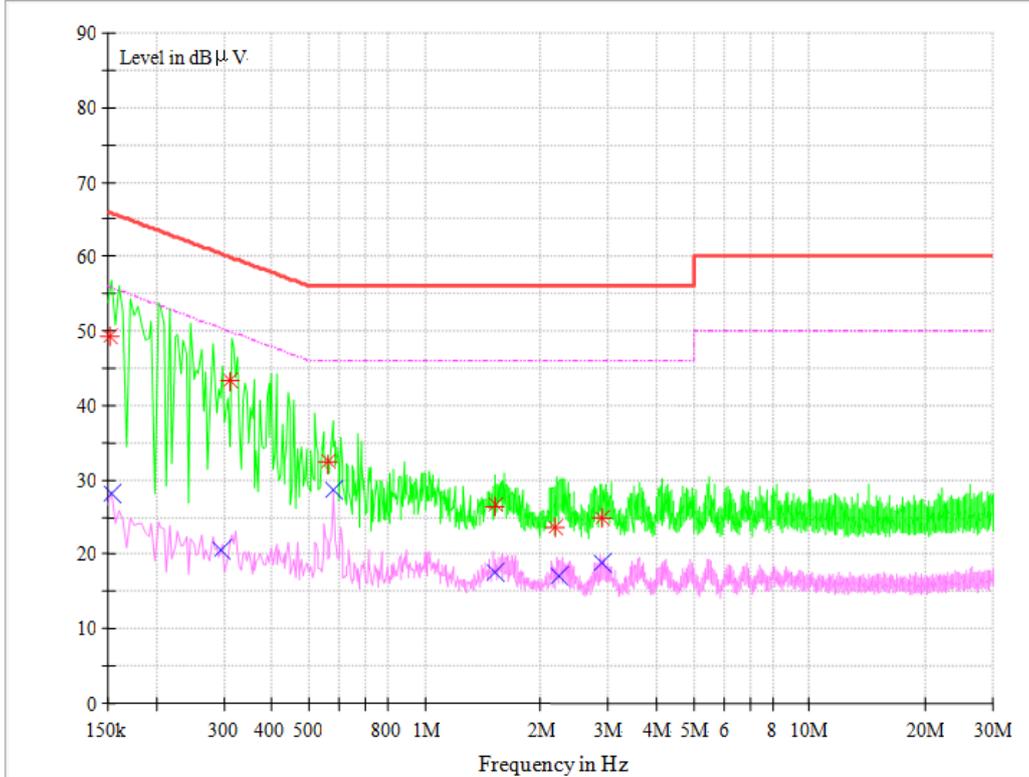


#### 7.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

NOTE: No peak found in the Test Range of “18 GHz to 26.5GHz”

## Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



Frequency (MHz)	QuasiPeak (dB μV)	Average (dB μV)	Limit (dB μV)	Margin (dB)	Line	Filter	Corr. (dB)
0.151529	49.33	---	65.92	-16.59	N	ON	9.7
0.152770	---	28.22	55.85	-27.62	N	ON	9.7
0.295320	---	20.51	50.37	-29.86	N	ON	9.7
0.311347	43.49	---	59.93	-16.44	L1	ON	9.7
0.559054	32.37	---	56.00	-23.63	L1	ON	9.7
0.579236	---	28.66	46.00	-17.34	N	ON	9.7
1.513922	---	17.62	46.00	-28.38	N	ON	9.7
1.522470	26.49	---	56.00	-29.51	L1	ON	9.7
2.188035	23.67	---	56.00	-32.33	N	ON	9.7
2.231982	---	16.98	46.00	-29.02	N	ON	9.7
2.878740	24.85	---	56.00	-31.15	N	ON	9.7
2.881590	---	18.80	46.00	-27.20	N	ON	9.7

END