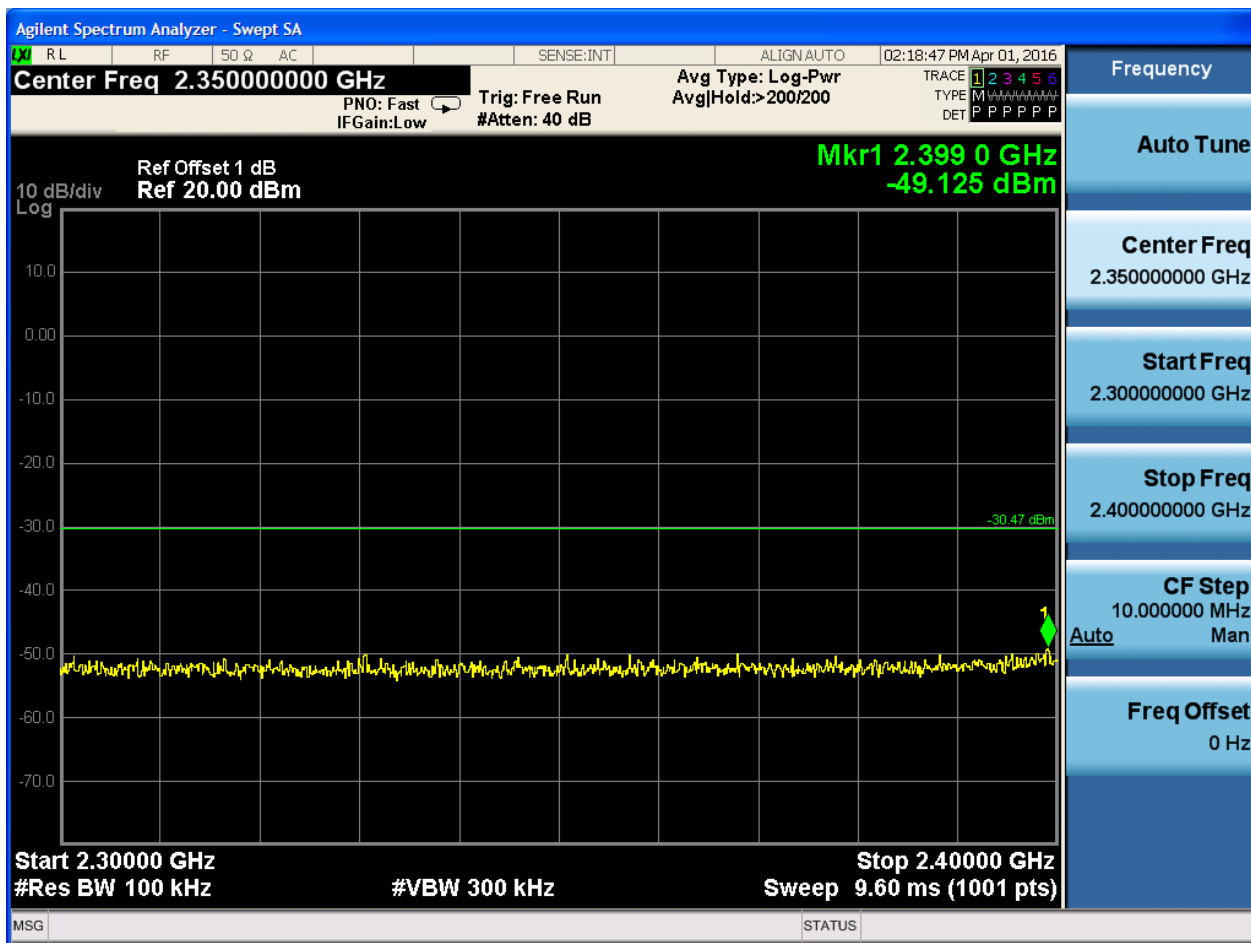
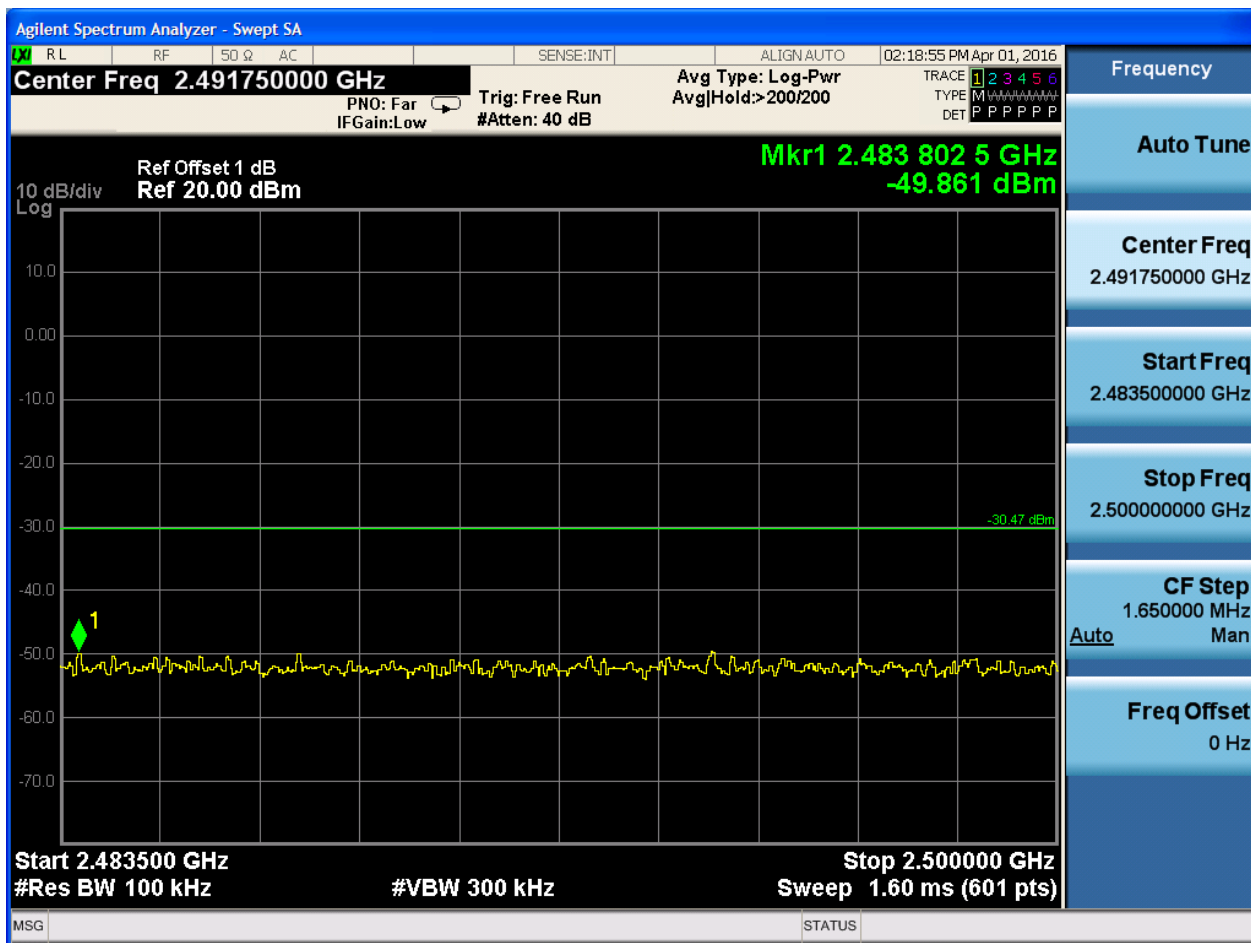




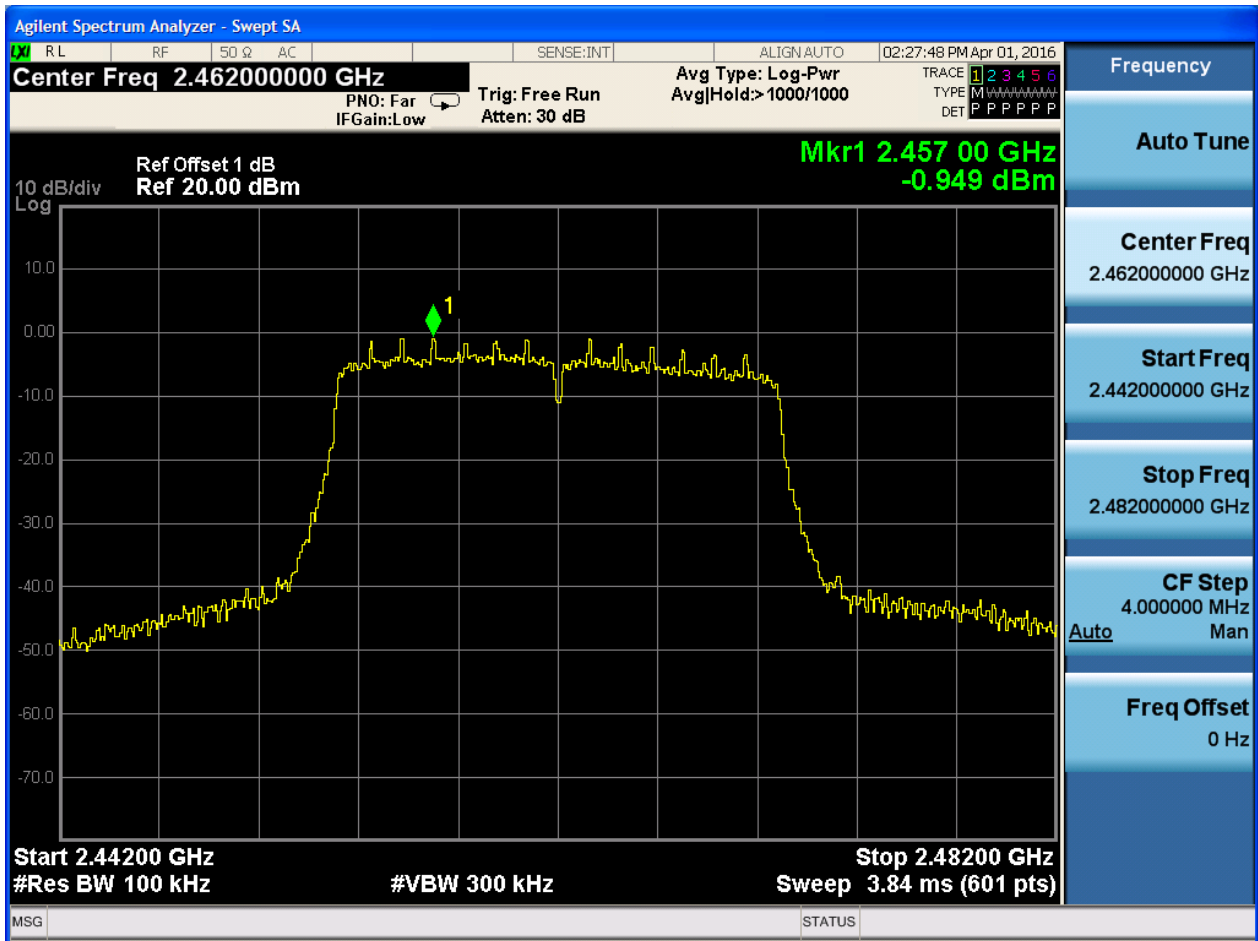






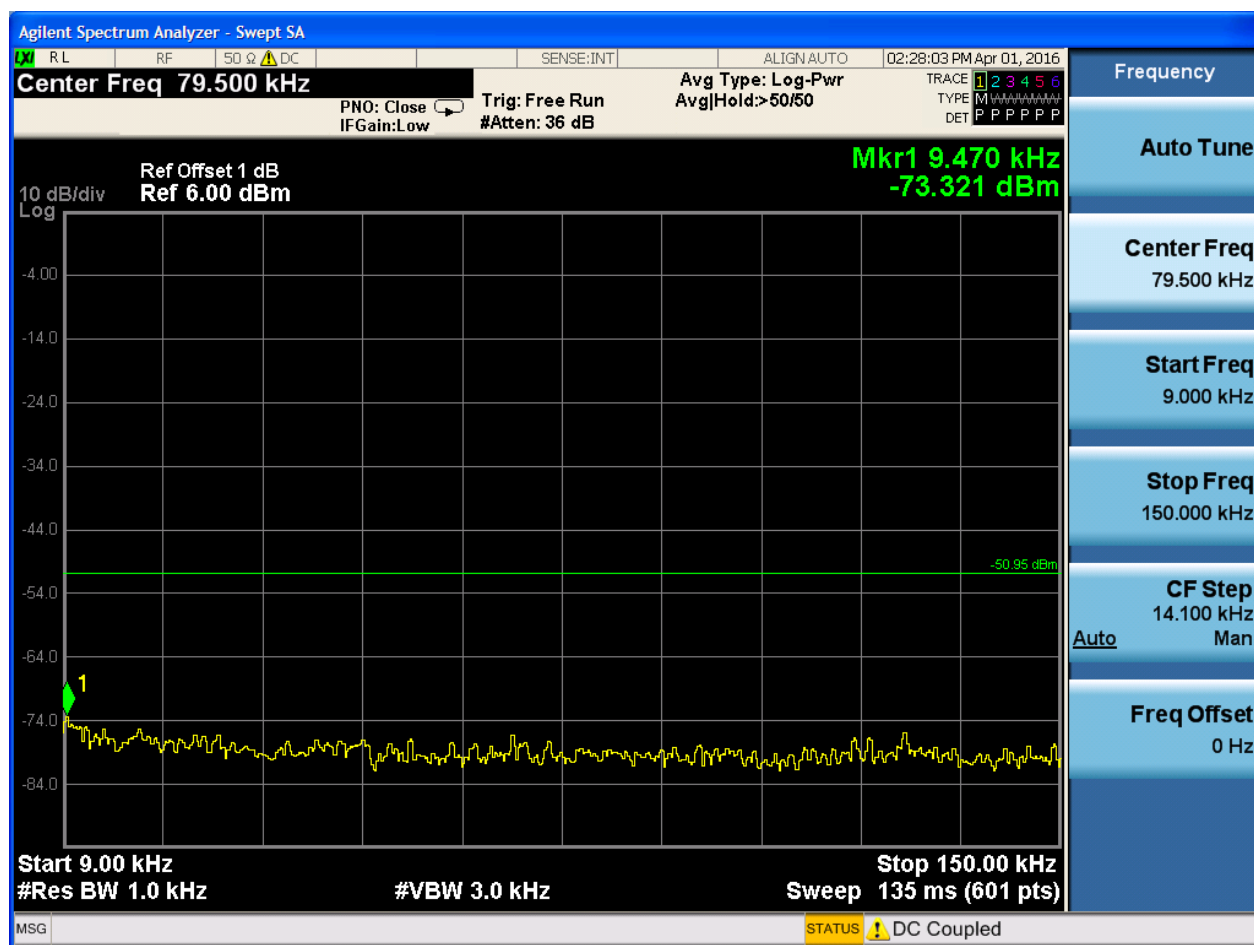
2.9 11N20_H@Ant 1

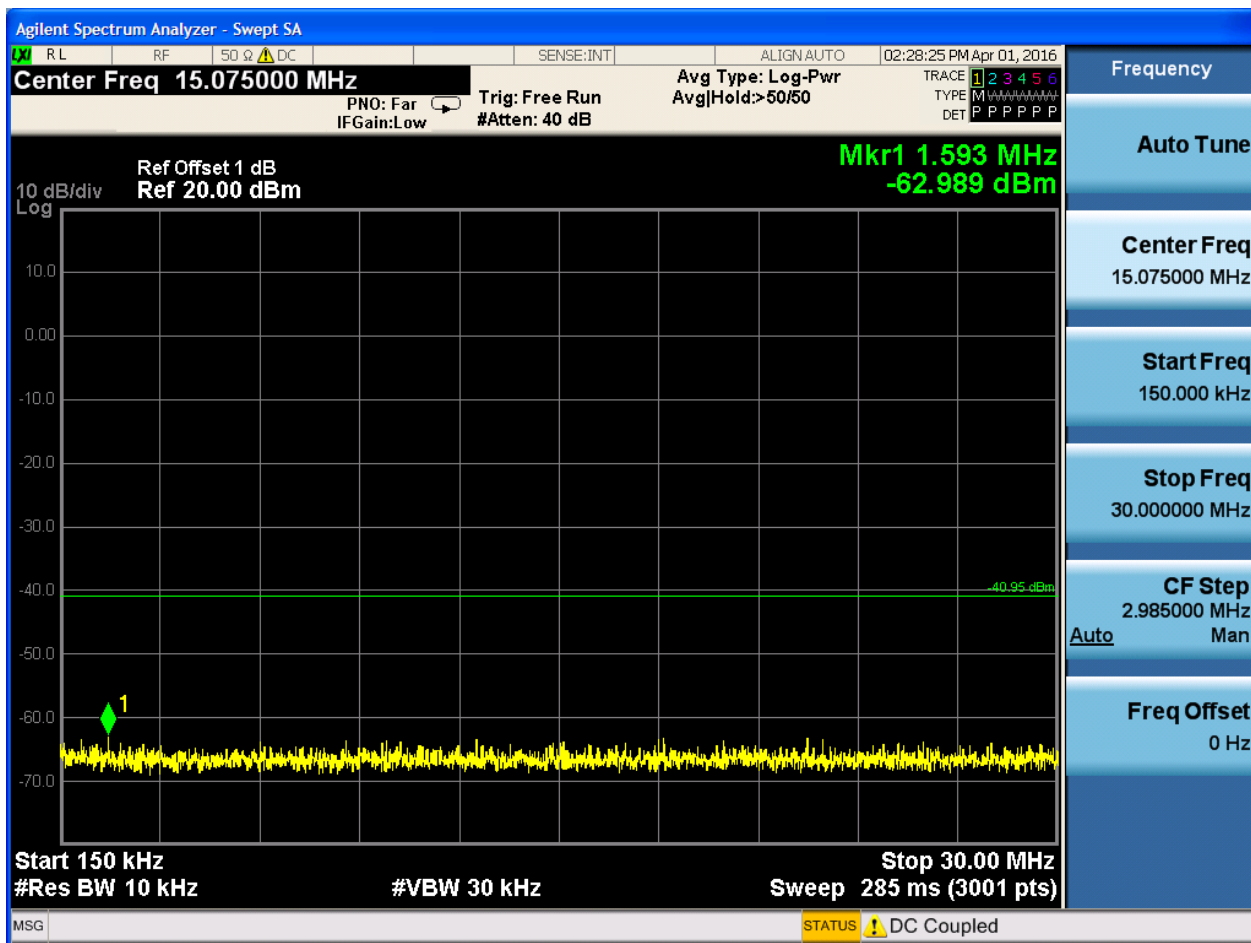
Pref:

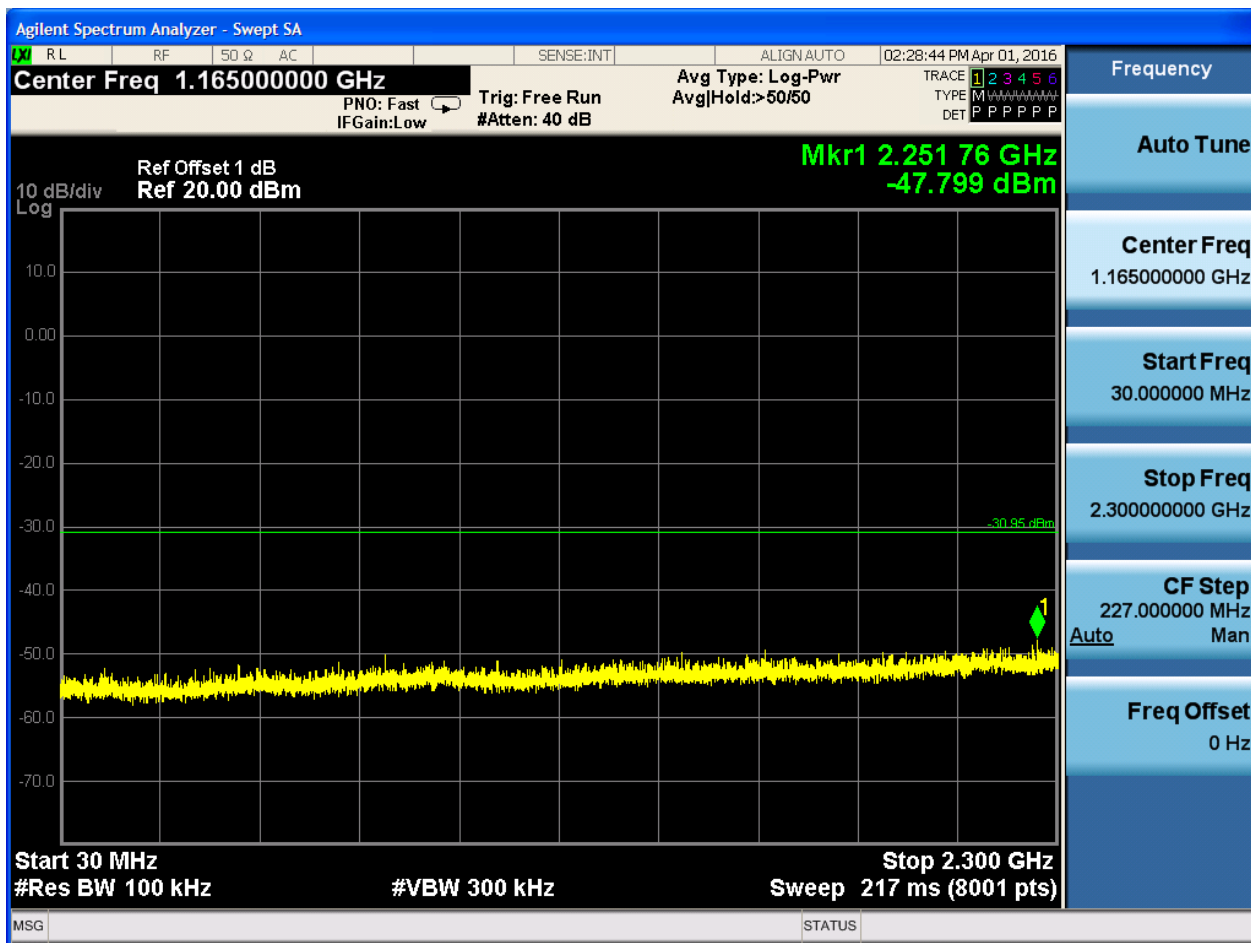


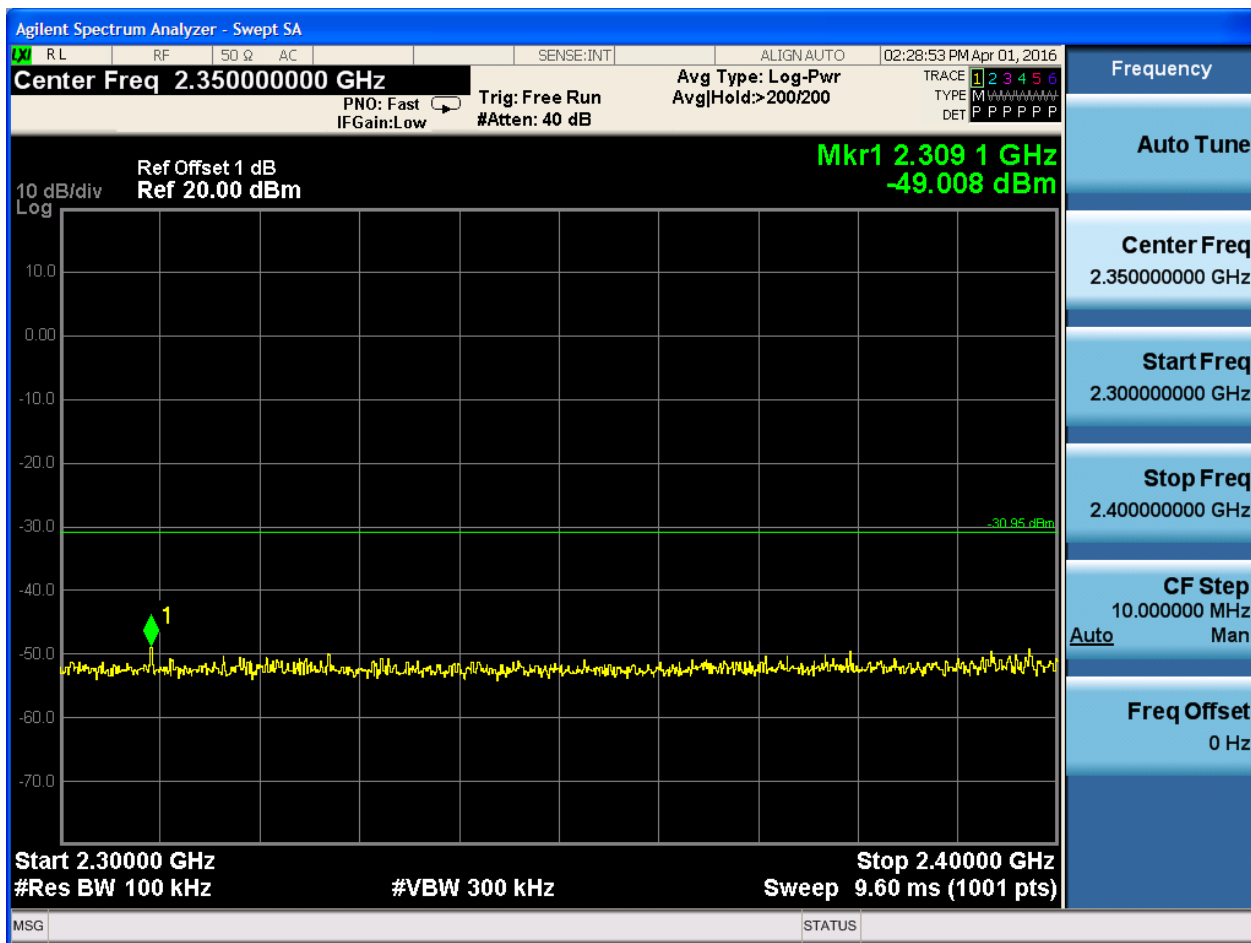


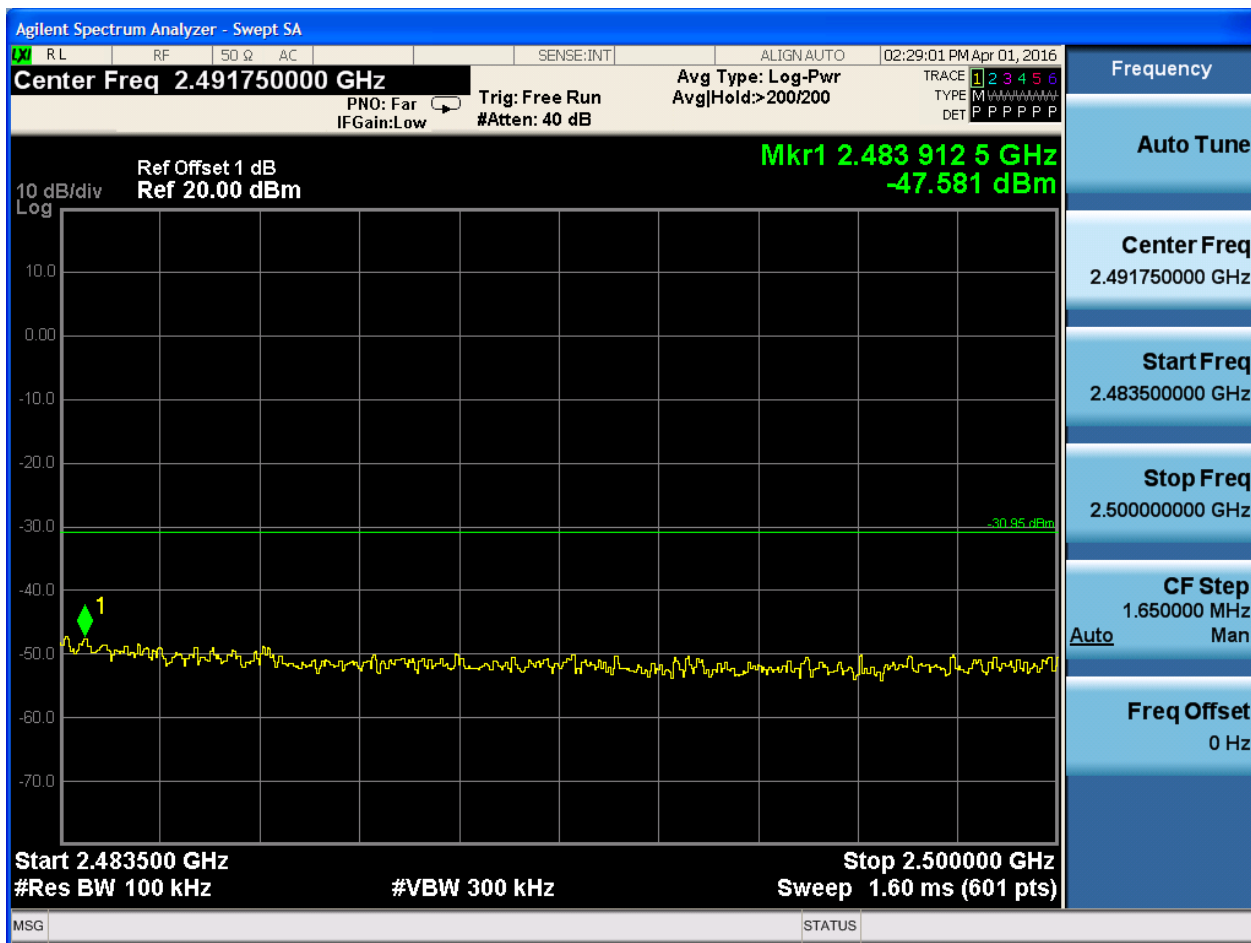
Puw:









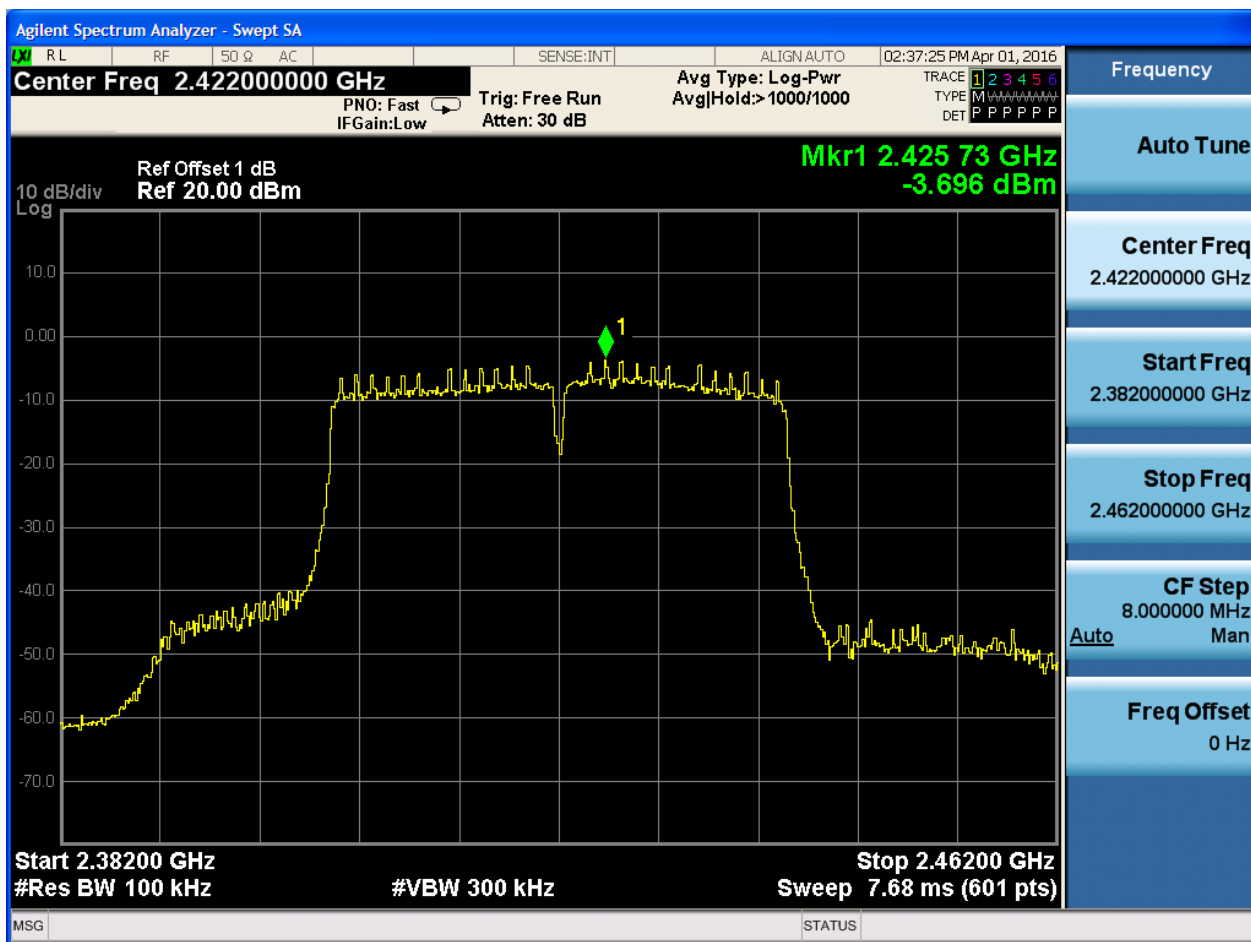






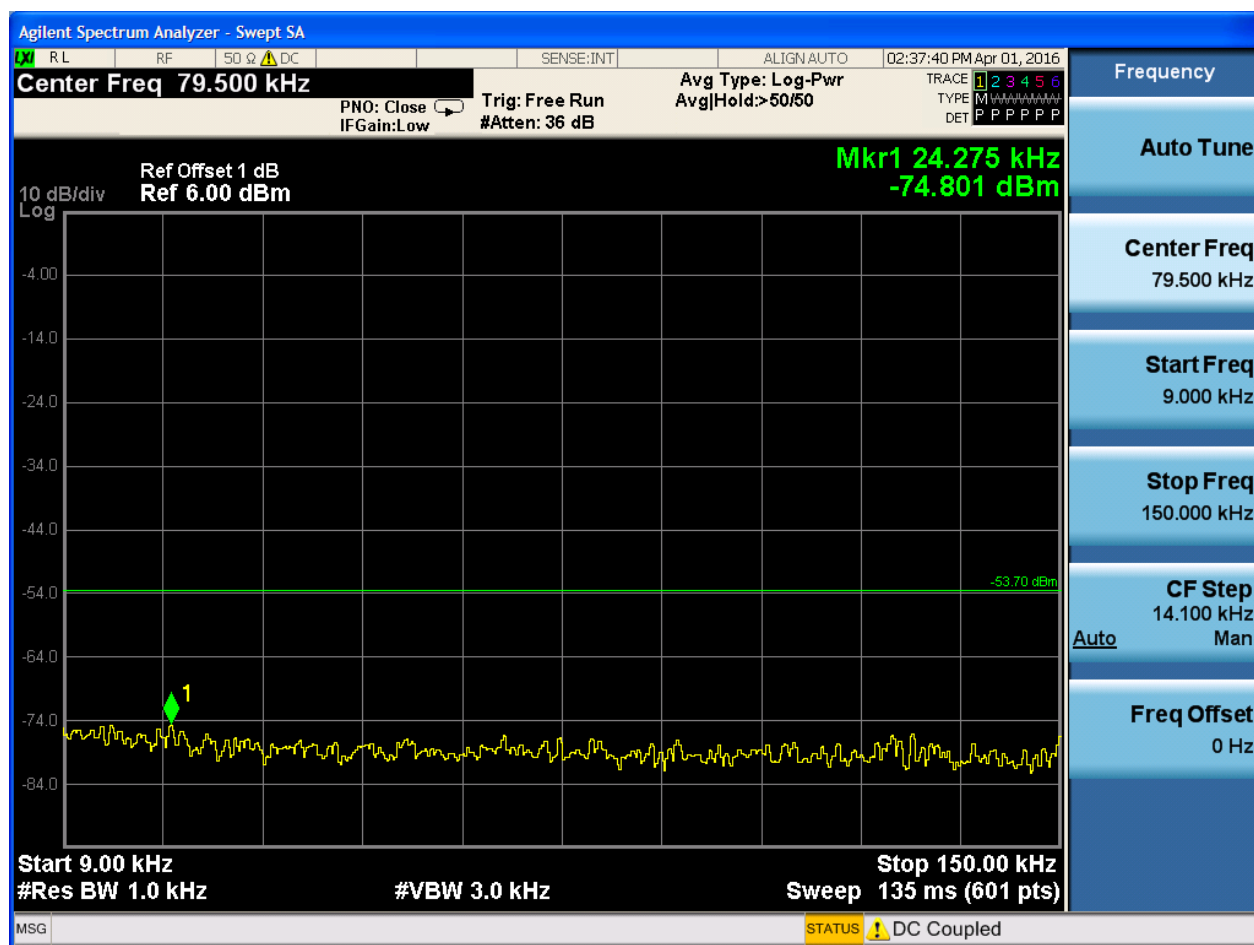
2.10 11N40_L@Ant 1

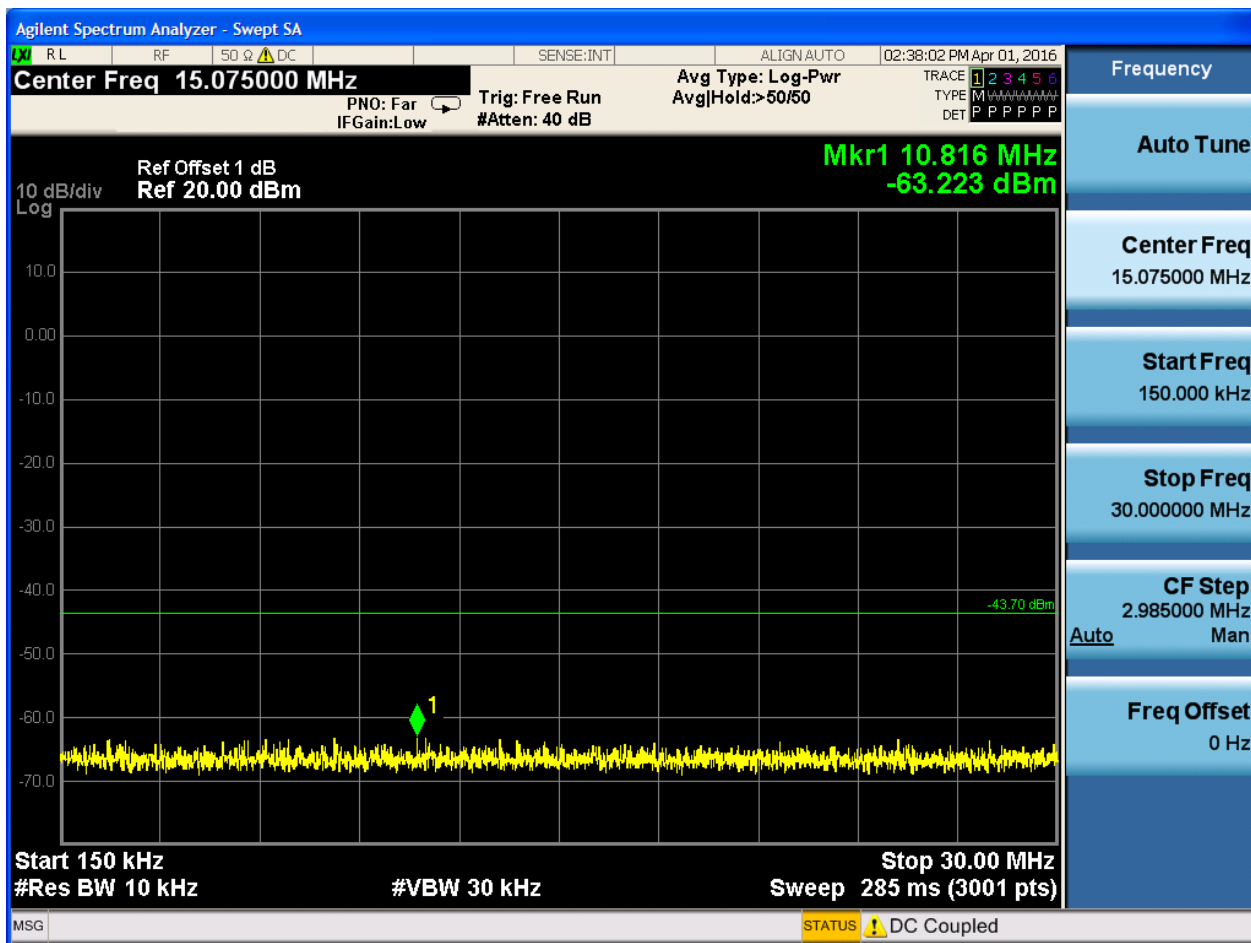
Pref:

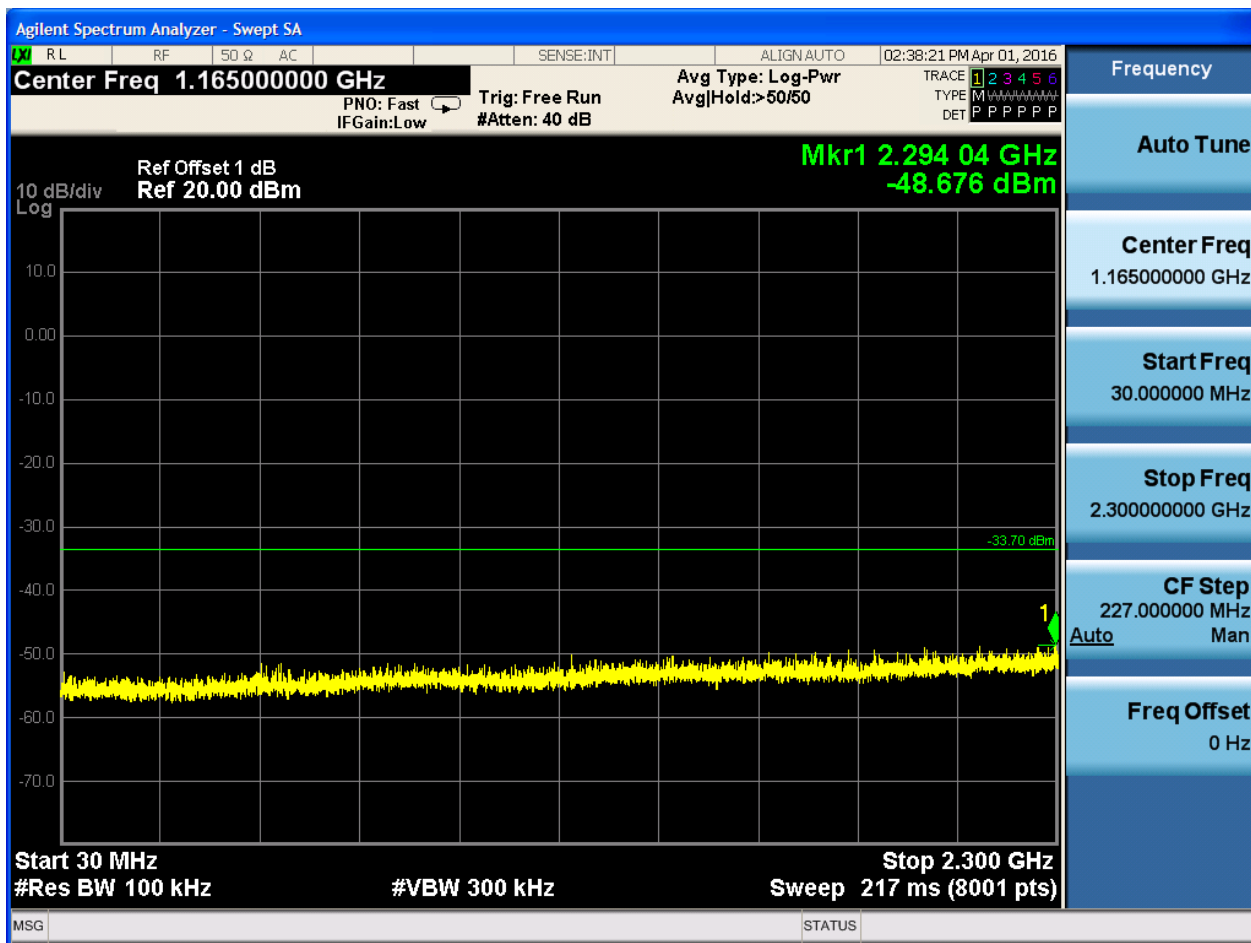


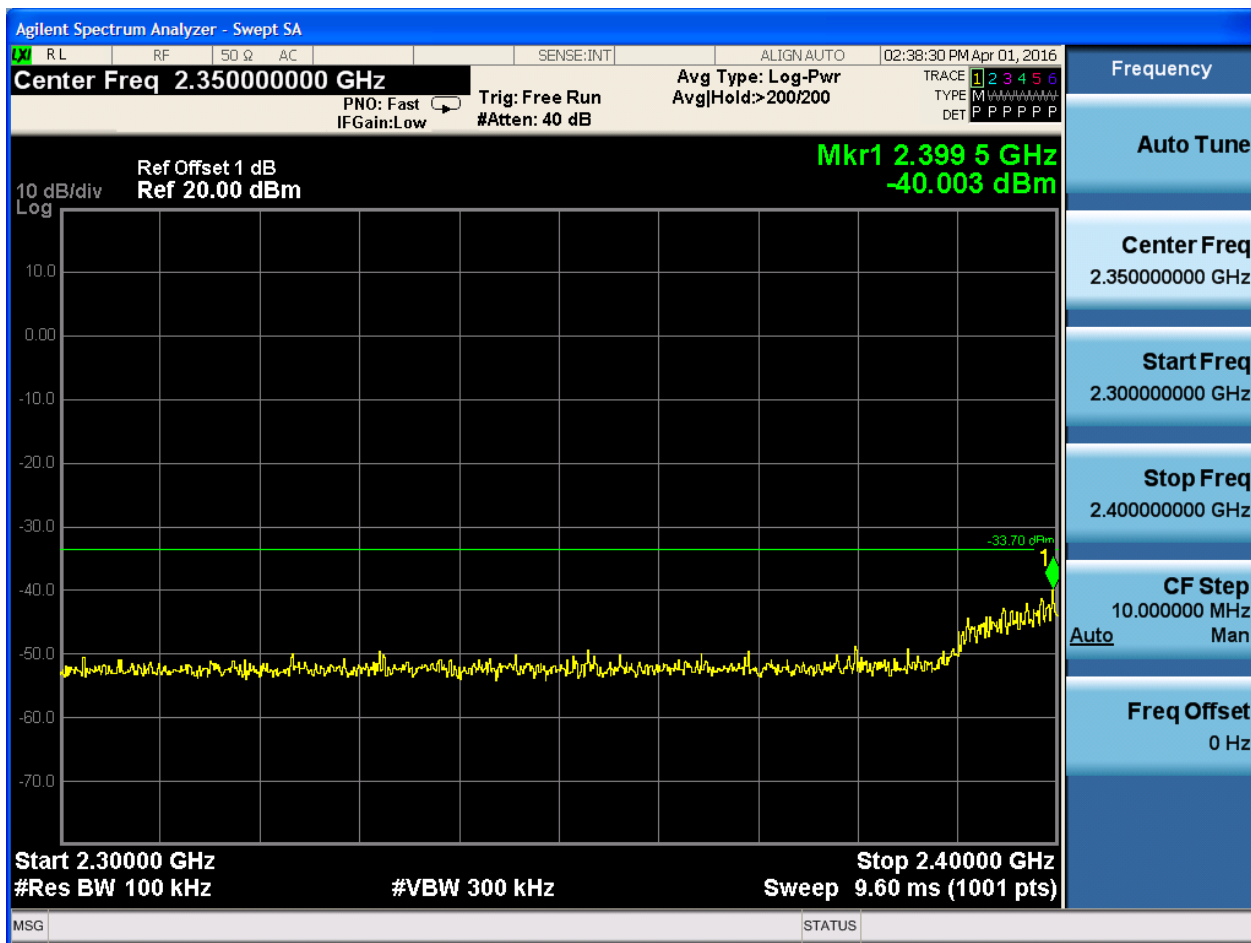


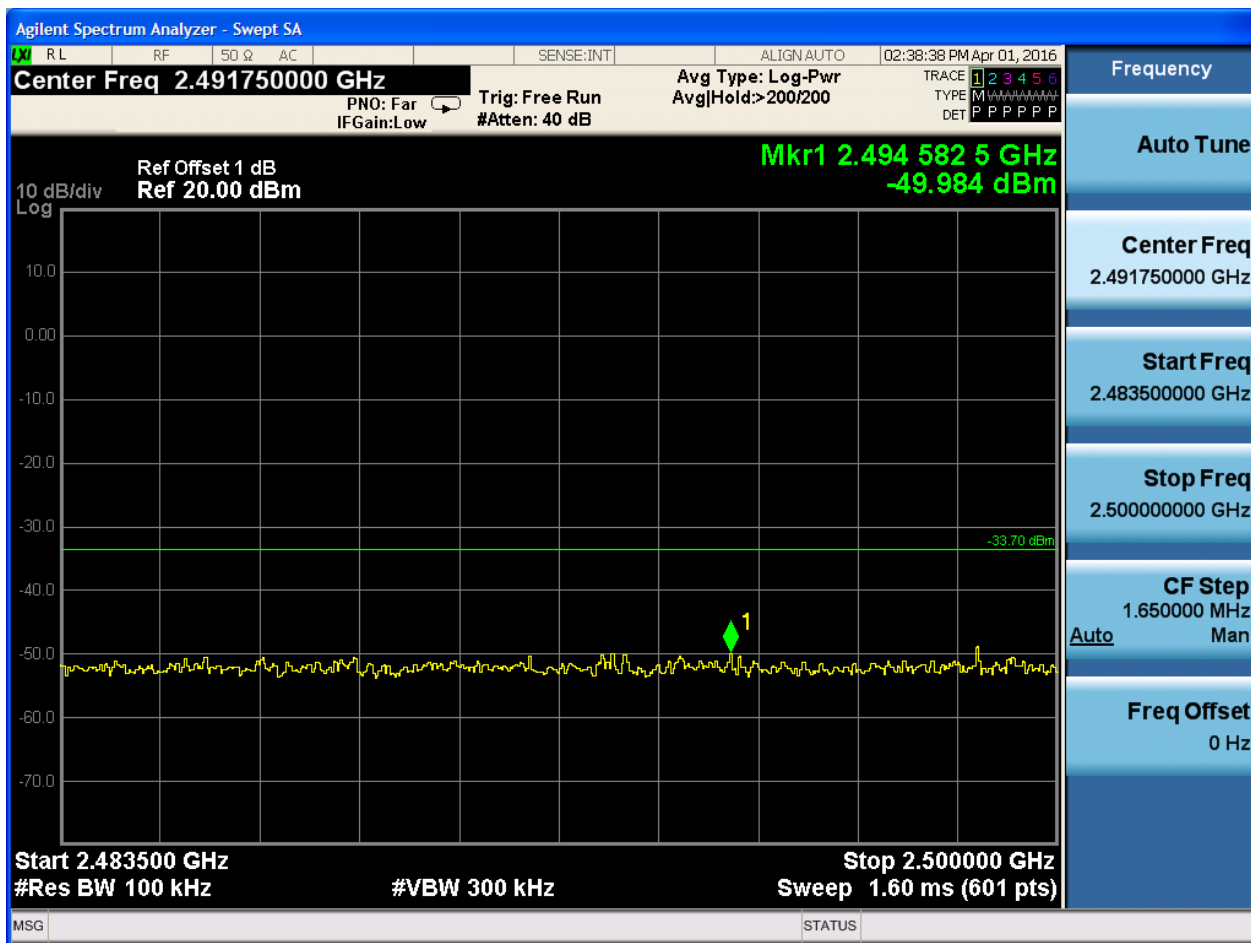
PuW:









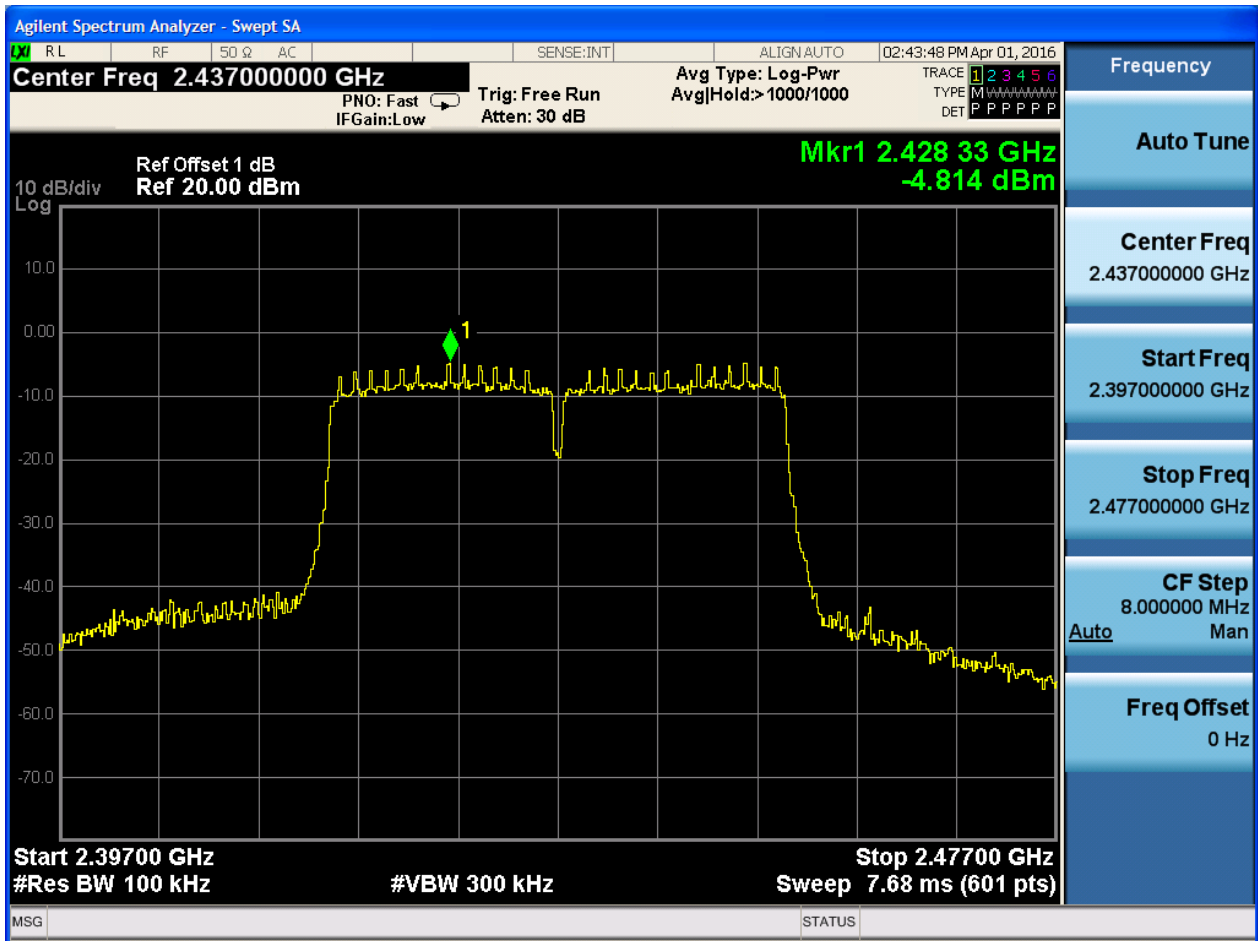






2.11 11N40_M@Ant 1

Pref:





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω Δ DC SENSE:INT ALIGN: AUTO 02:44:03 PM Apr 01, 2016

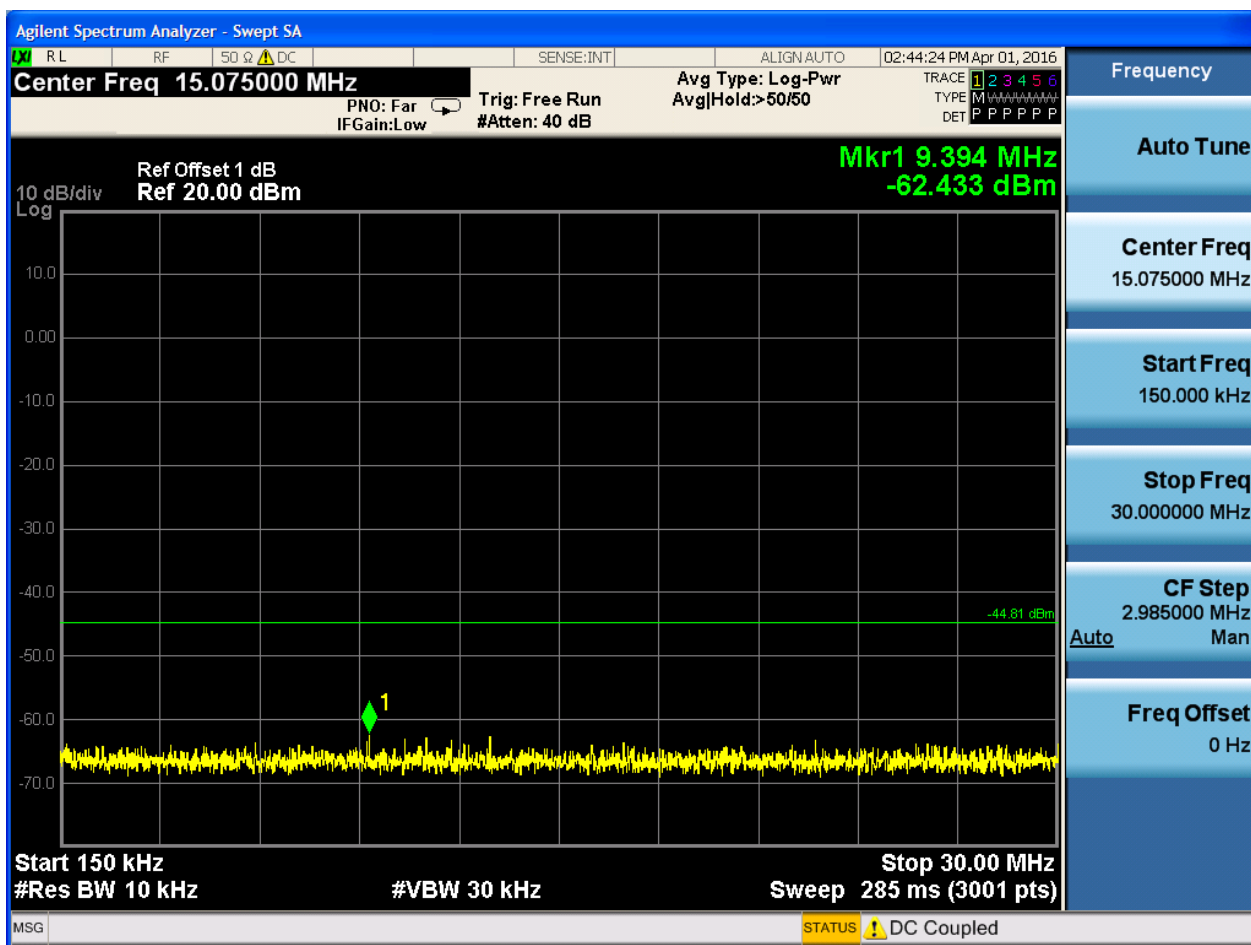
Center Freq 79.500 kHz Avg Type: Log-Pwr PNO: Close Trig: Free Run IF Gain: Low #Atten: 36 dB

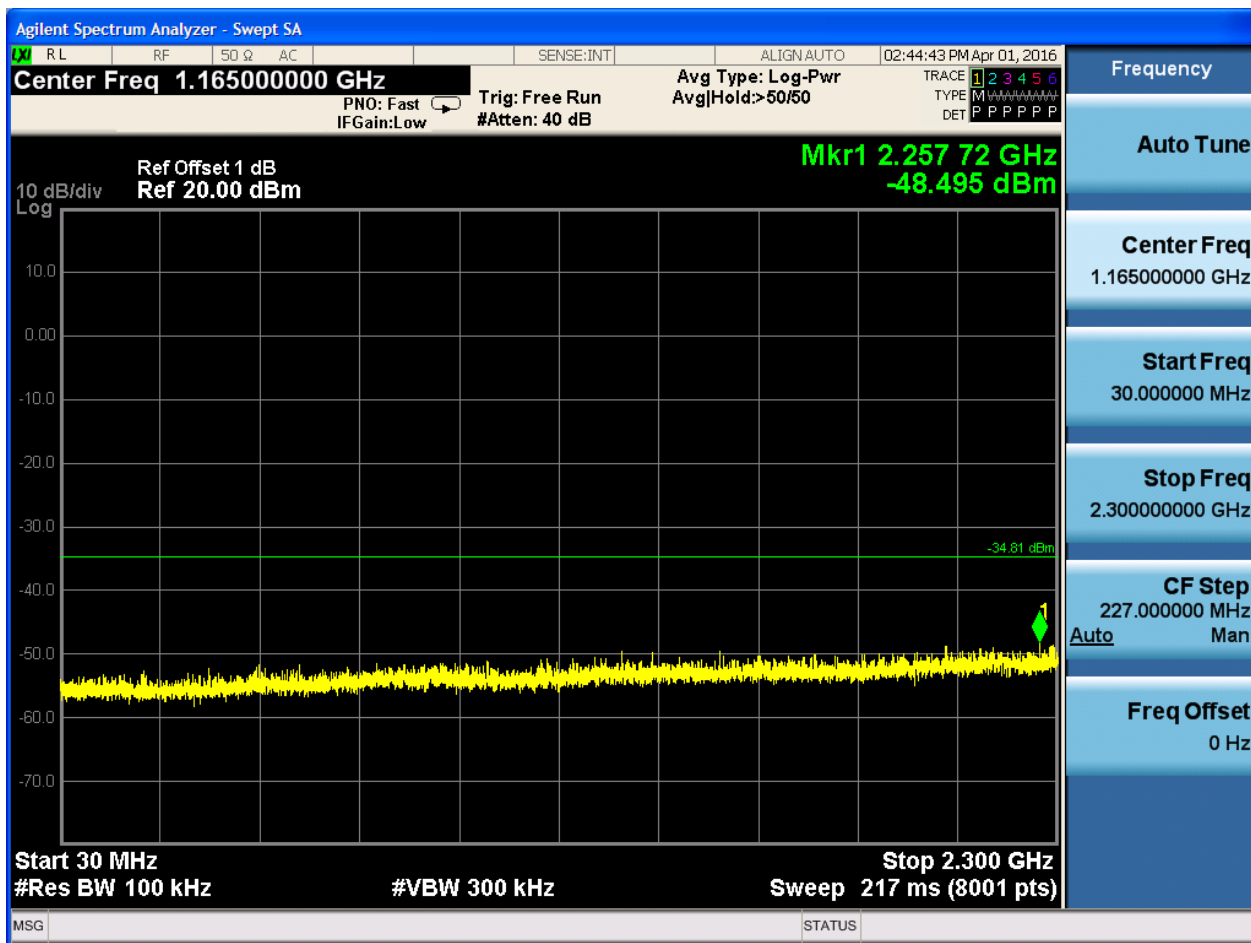
TRACE 1 2 3 4 5 6 TYPE M W W W W W W W W W DET P P P P P P

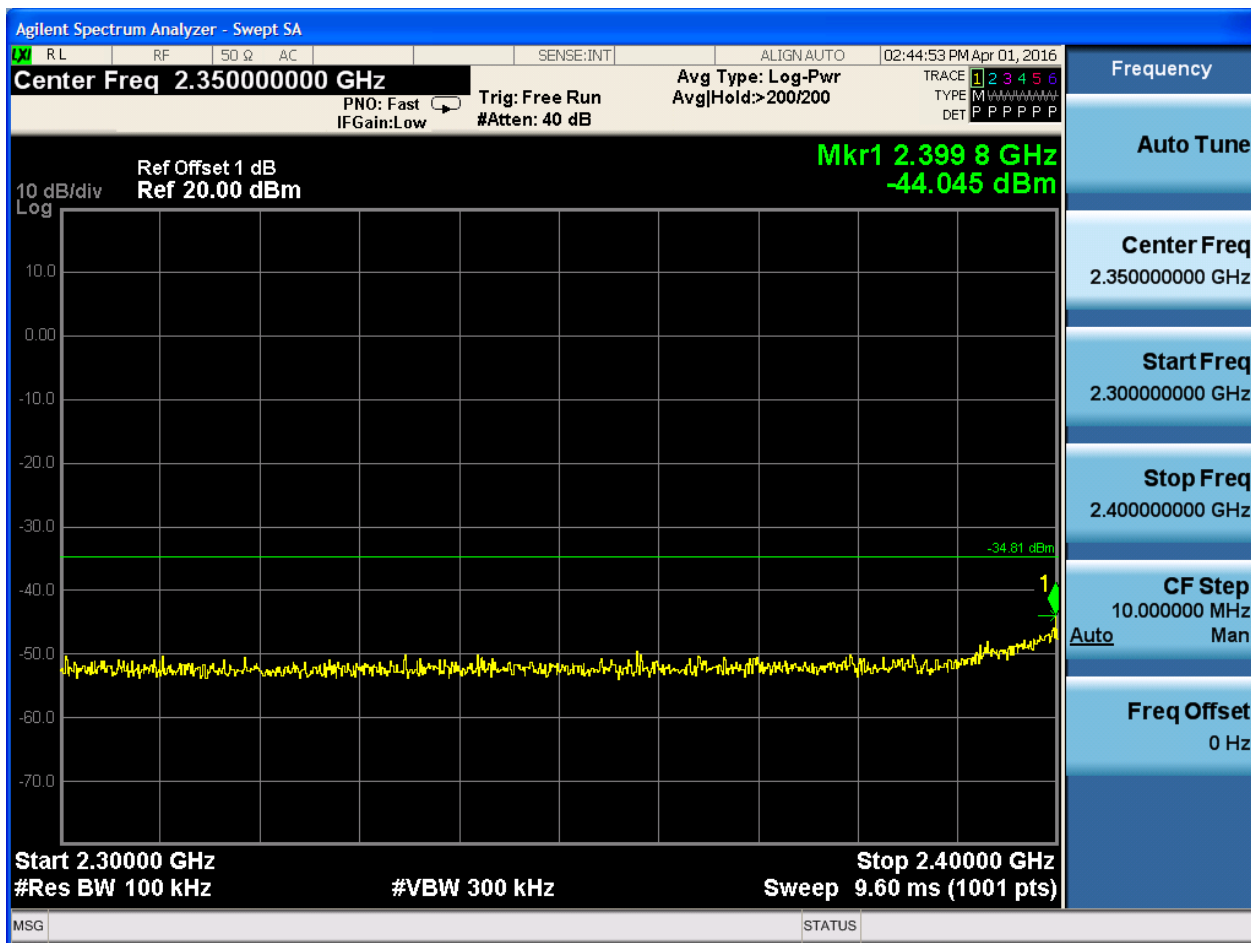
10 dB/div Log Ref Offset 1 dB Ref 6.00 dBm Mkr1 9.940 kHz -73.994 dBm

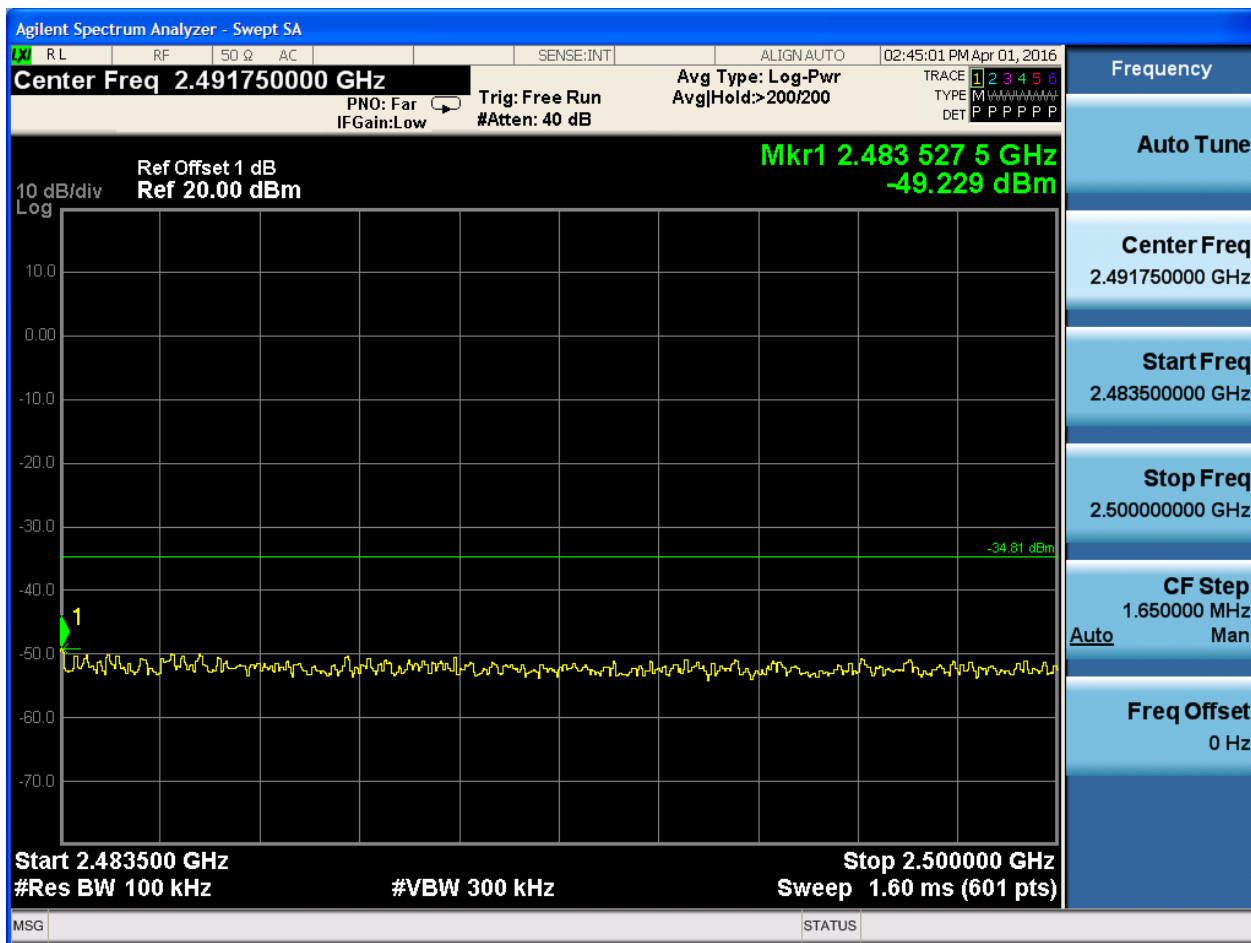
Start 9.00 kHz Stop 150.00 kHz
#Res BW 1.0 kHz #VBW 3.0 kHz Sweep 135 ms (601 pts)

MSG STATUS Δ DC Coupled







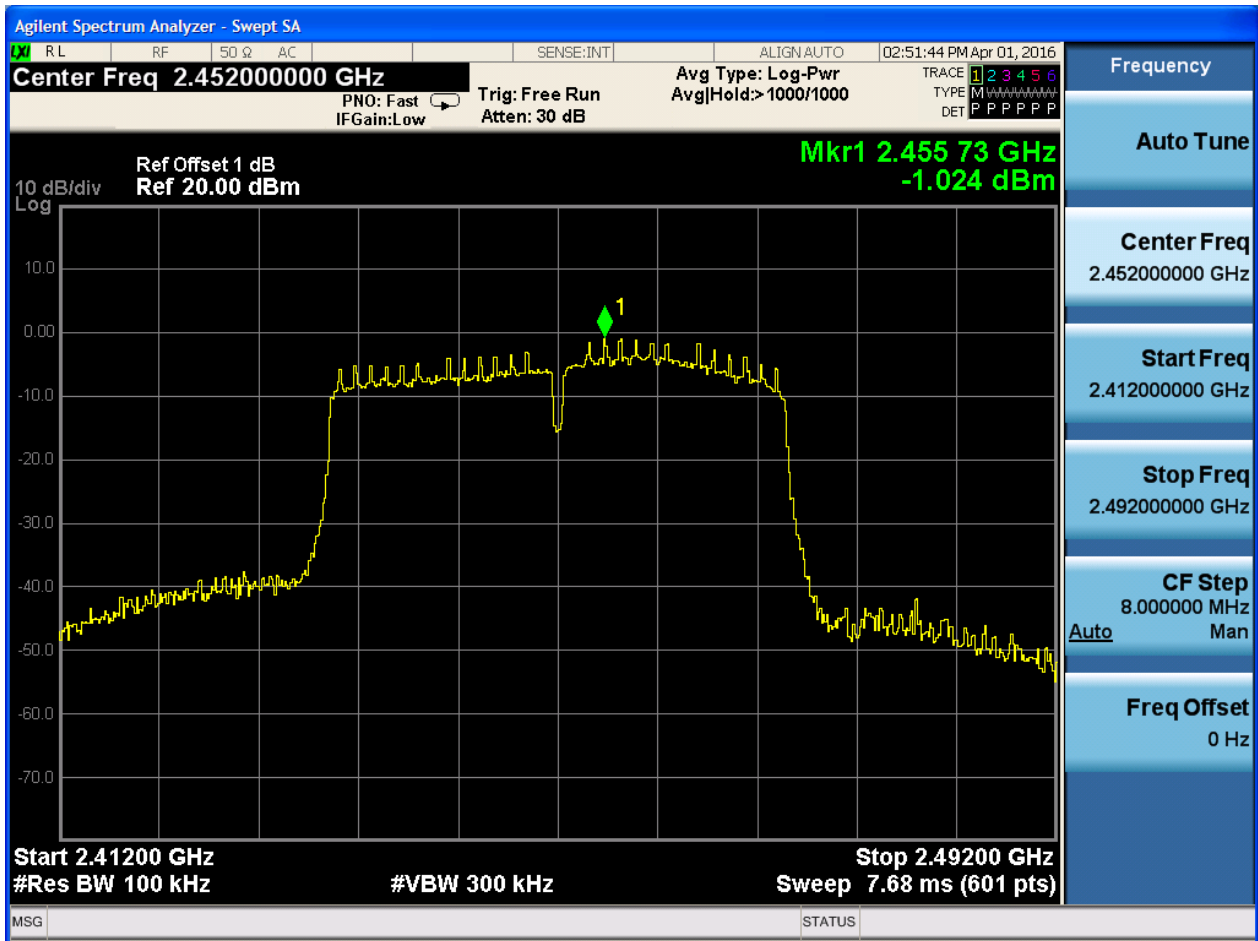






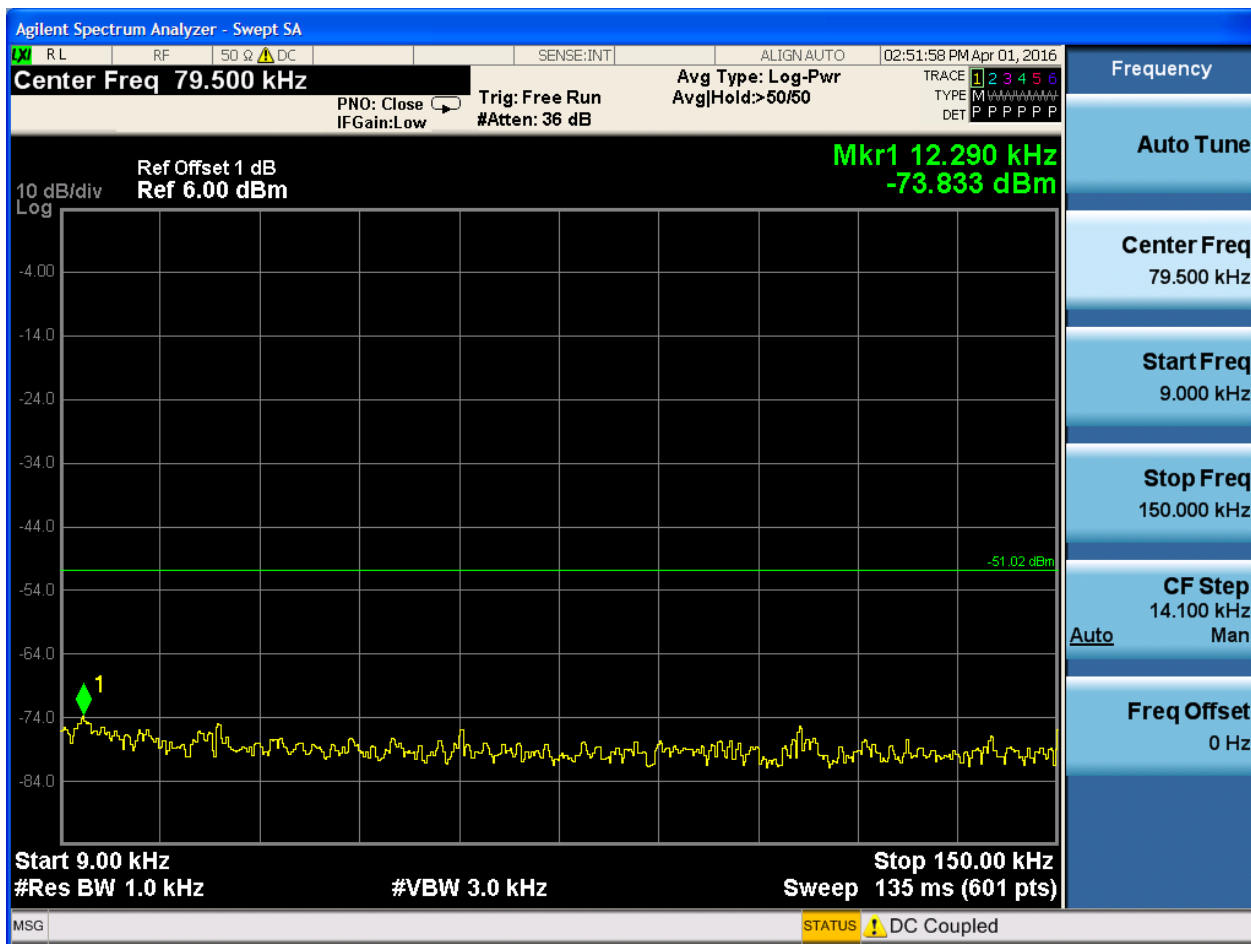
2.12 11N40_H@Ant 1

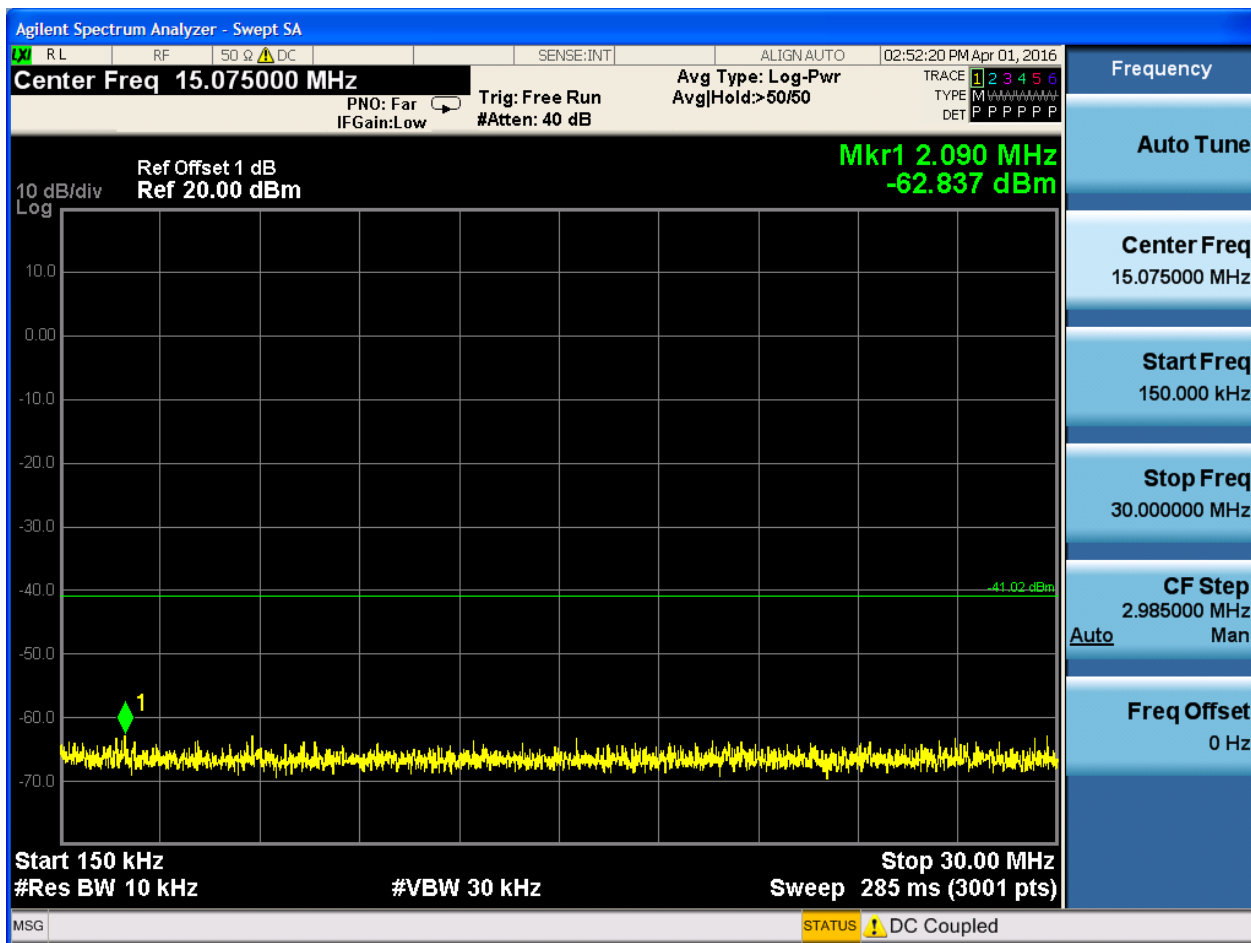
Pref:

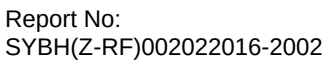


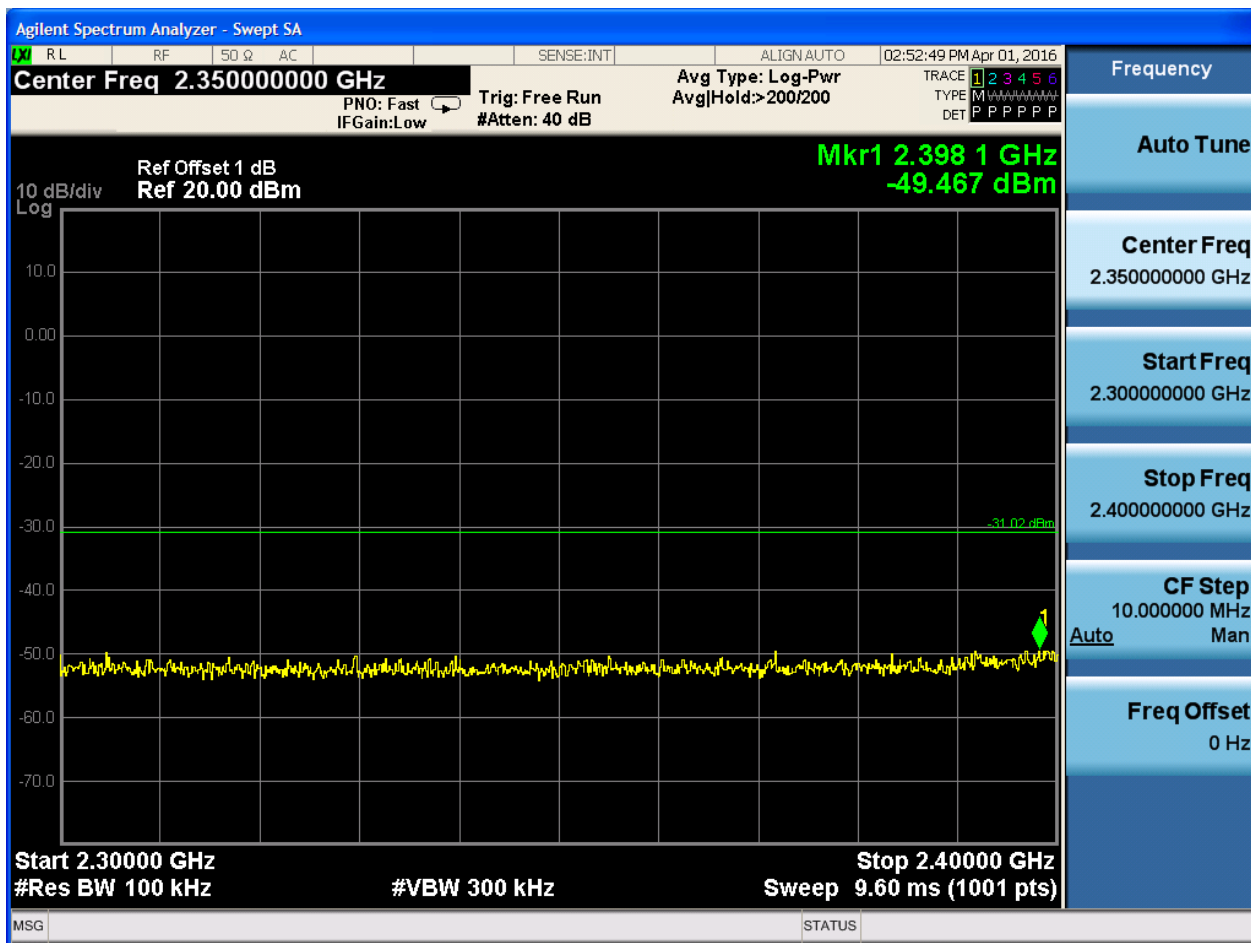


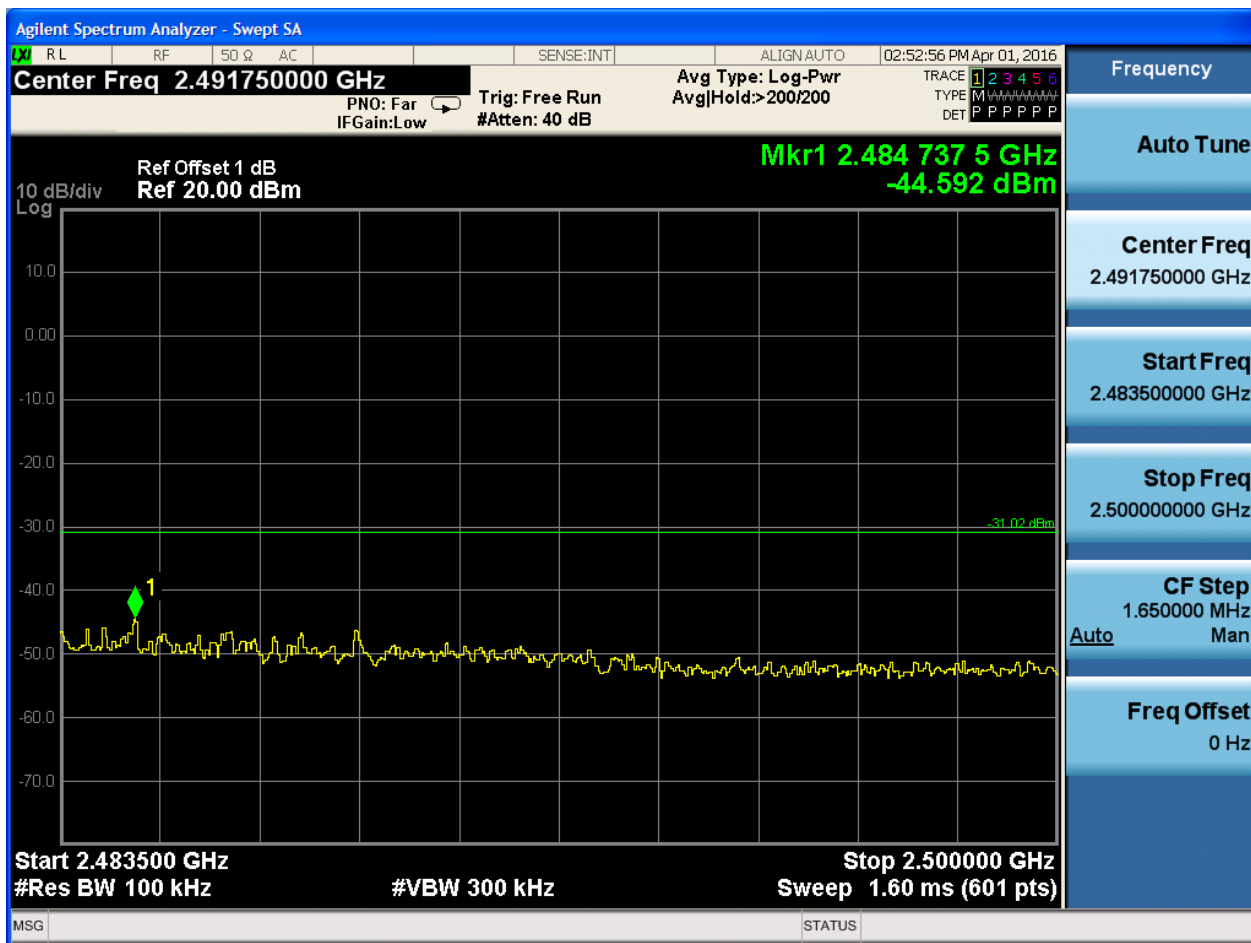
PuW:













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

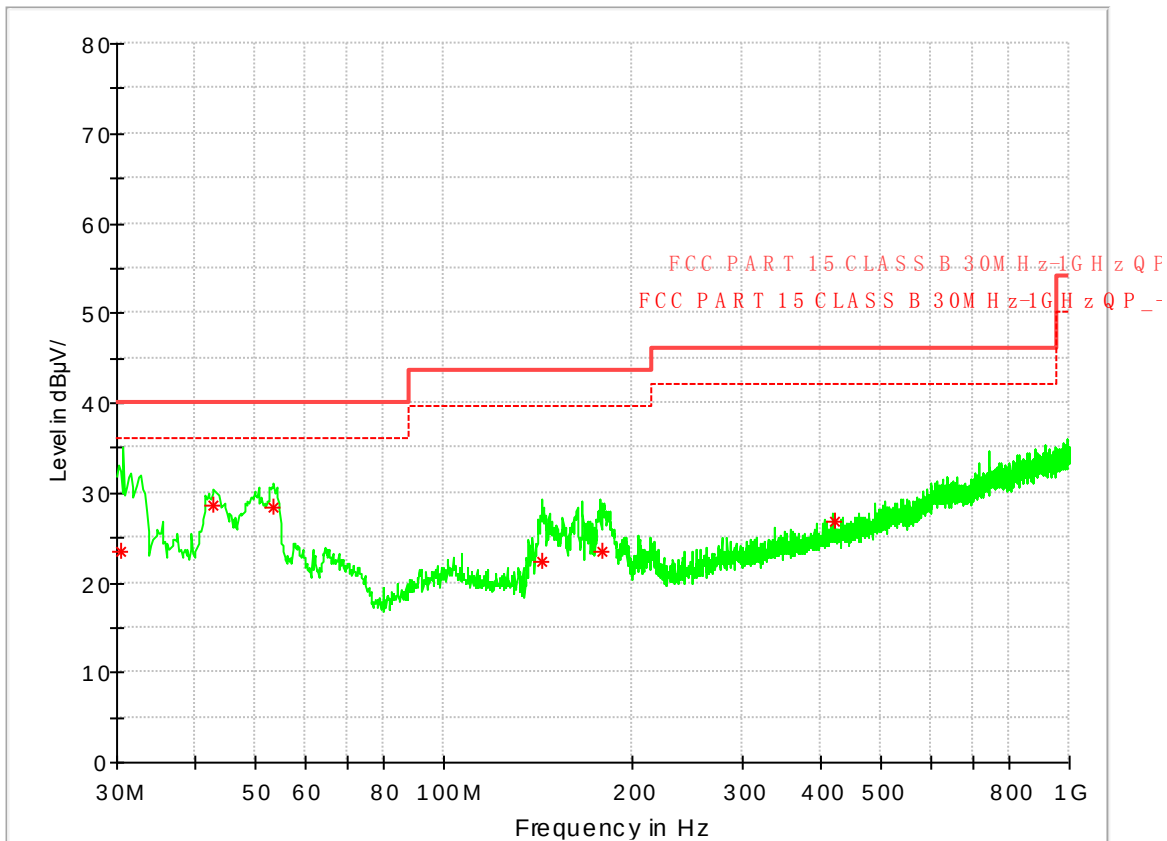
7.1Part 1: Testing Range of “9 kHz to 30MHz”

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

7.2Part 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).



Final Result 1

Frequency (MHz)	QuasiPeak	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth	Corr. (dB)
30.535280	23.42	40.00	-16.58	123.0	H	3.0	14.8
42.600480	28.63	40.00	-11.37	100.0	V	314.0	15.2
53.239600	28.45	40.00	-11.55	100.0	V	312.0	14.6
143.870080	22.35	43.50	-21.15	106.0	V	240.0	10.1
178.806160	23.37	43.50	-20.13	100.0	V	256.0	11.2
420.295920	26.82	46.00	-19.18	198.0	V	7.0	18.3

7.3Part 3: Testing Range of “18 GHz to 26.5 GHz”

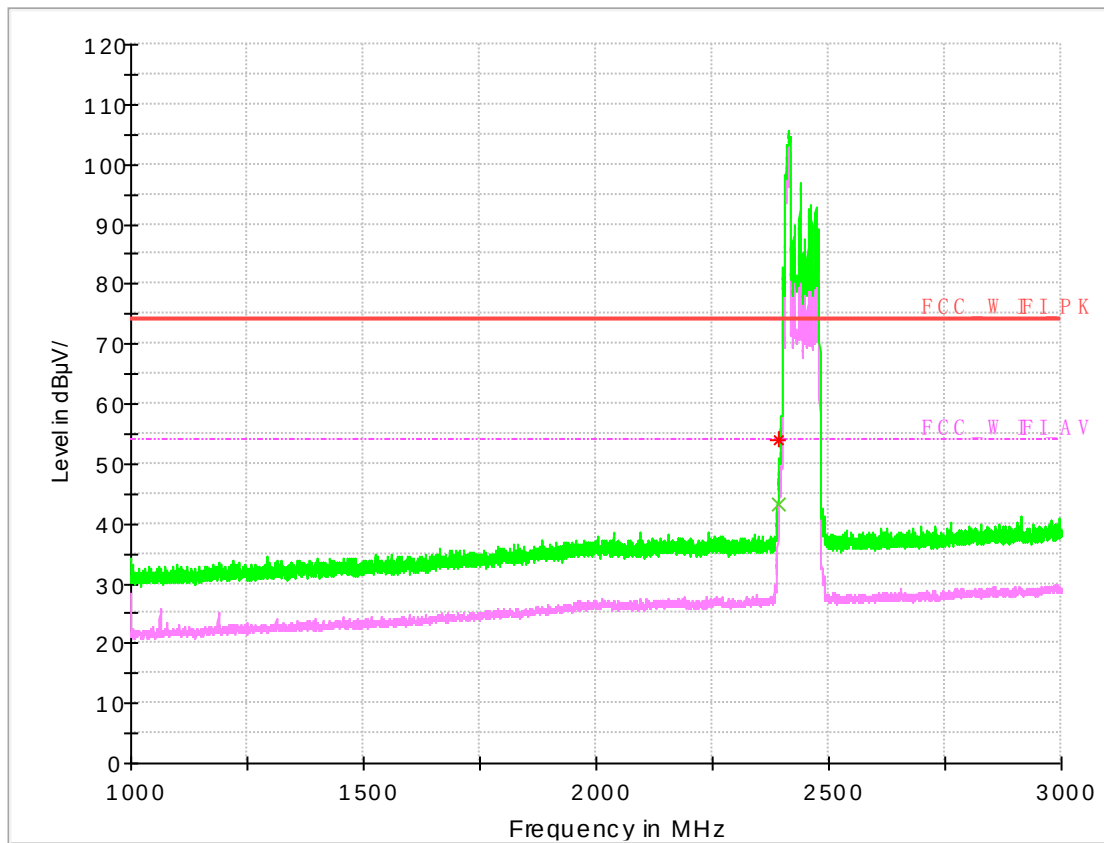
NOTE: No peak found in the Test Range of “18 GHz to 26.5GHz”

7.4Part 4: Testing Range of “1GHz to 3GHz”

- 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 dB μ V/m) and Average Limit (54 dB μ V/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.
- Test Mode:

7.4.1Test Mode: 11B

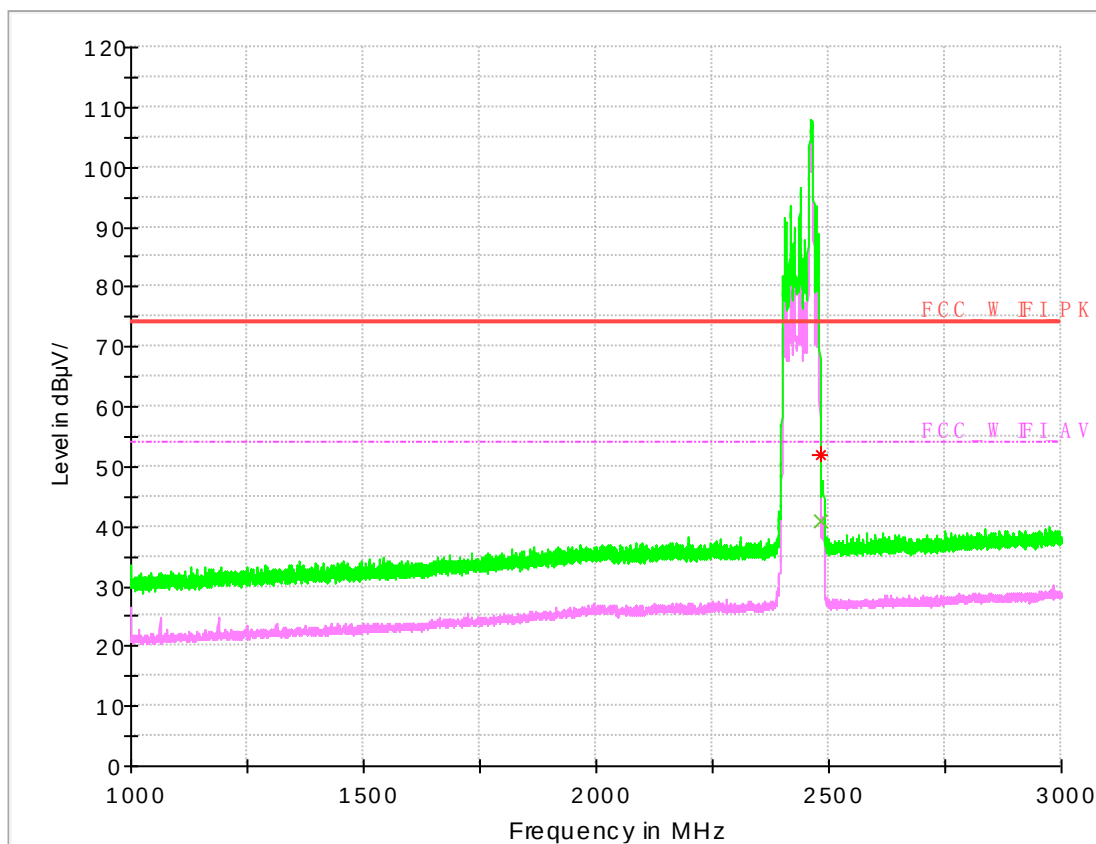
7.4.1.1Channel 1



Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxP eak	Average (dBμV/	Limit (dBμV/	Margi n	Height (cm)	Pol	Azim uth	Cor r.
2390.000000	53.91	---	74.00	-20.09	142.0	H	230.0	-7.4
2390.000000	---	43.22	54.00	-10.78	136.0	H	231.0	-7.3

7.4.1.2 Channel 11

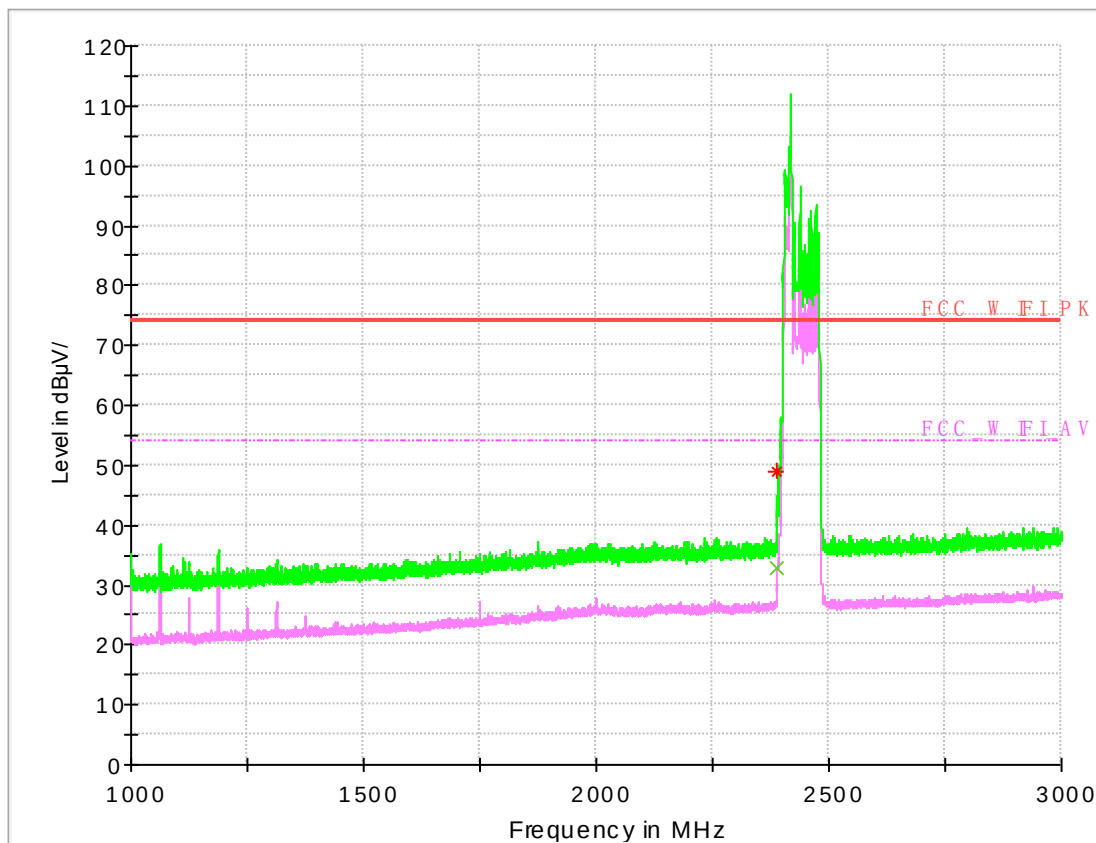


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV)	Limit (dBμV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	41.05	54.00	-12.95	117.0	H	190.0	-0.5
2483.500000	51.99	---	74.00	-22.01	136.0	H	192.0	-0.7

7.4.2 Test Mode: 11G

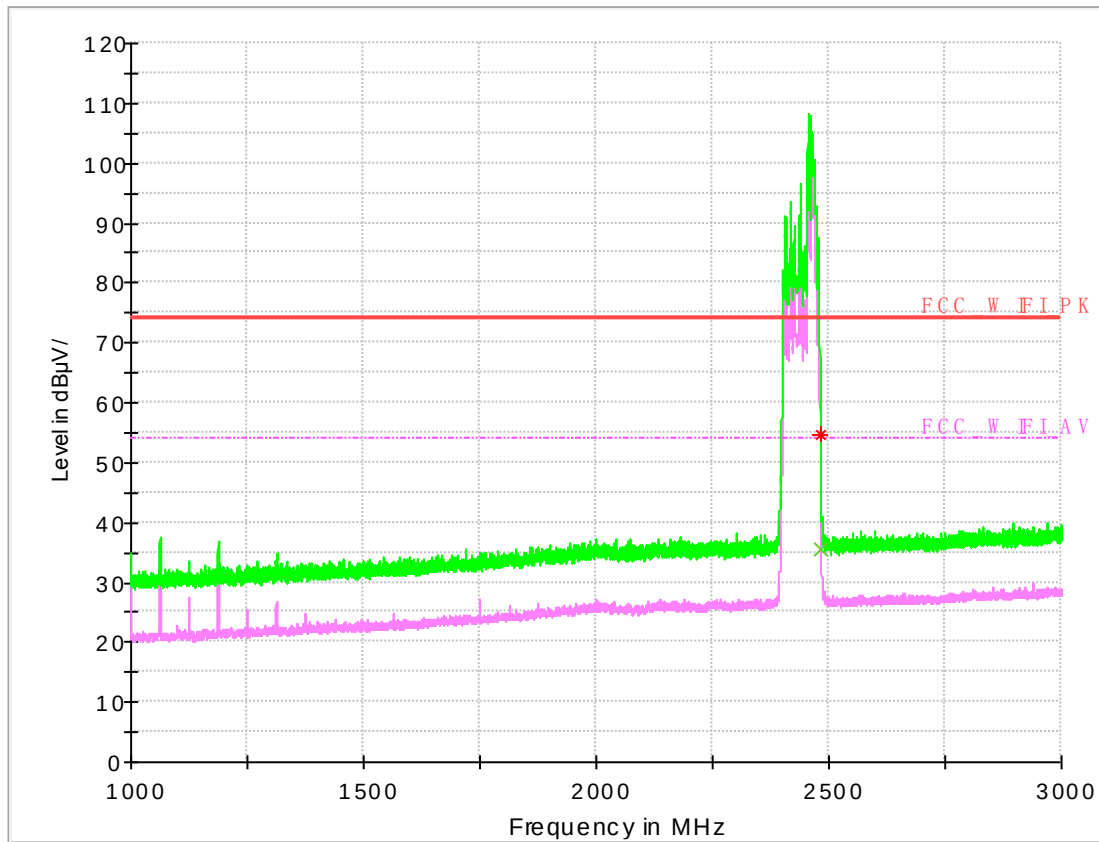
7.4.2.1 Channel 1



Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV/)	Limit (dBμV/)	Margin	Height (cm)	Pol	Azimuth	Corr.
2390.000000	---	32.71	54.00	-21.29	130.0	H	208.0	-7.9
2390.000000	48.91	---	74.00	-25.09	106.0	H	208.0	-7.8

7.4.2.2 Channel 11

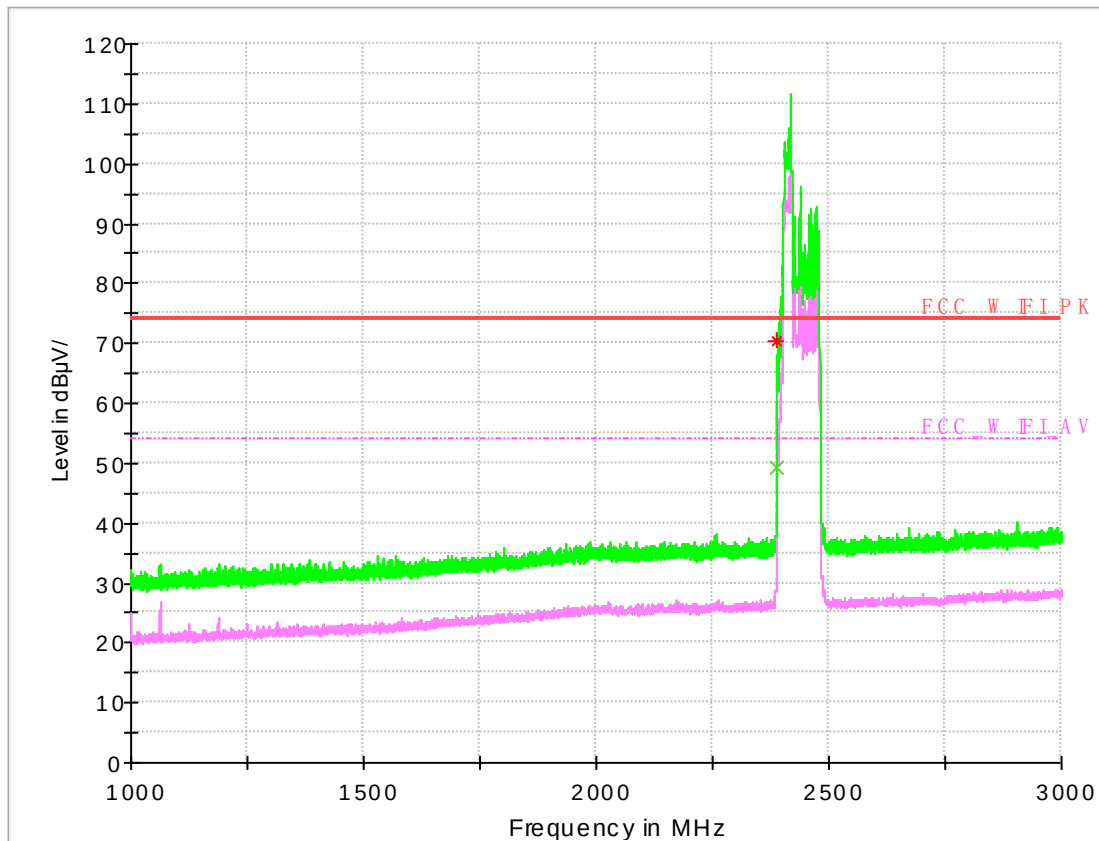


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV/)	Limit (dBμV/)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	35.65	54.00	-18.35	124.0	H	194.0	-0.5
2483.500000	54.69	---	74.00	-19.31	106.0	H	194.0	-1.4

7.4.3 Test Mode: 11N20

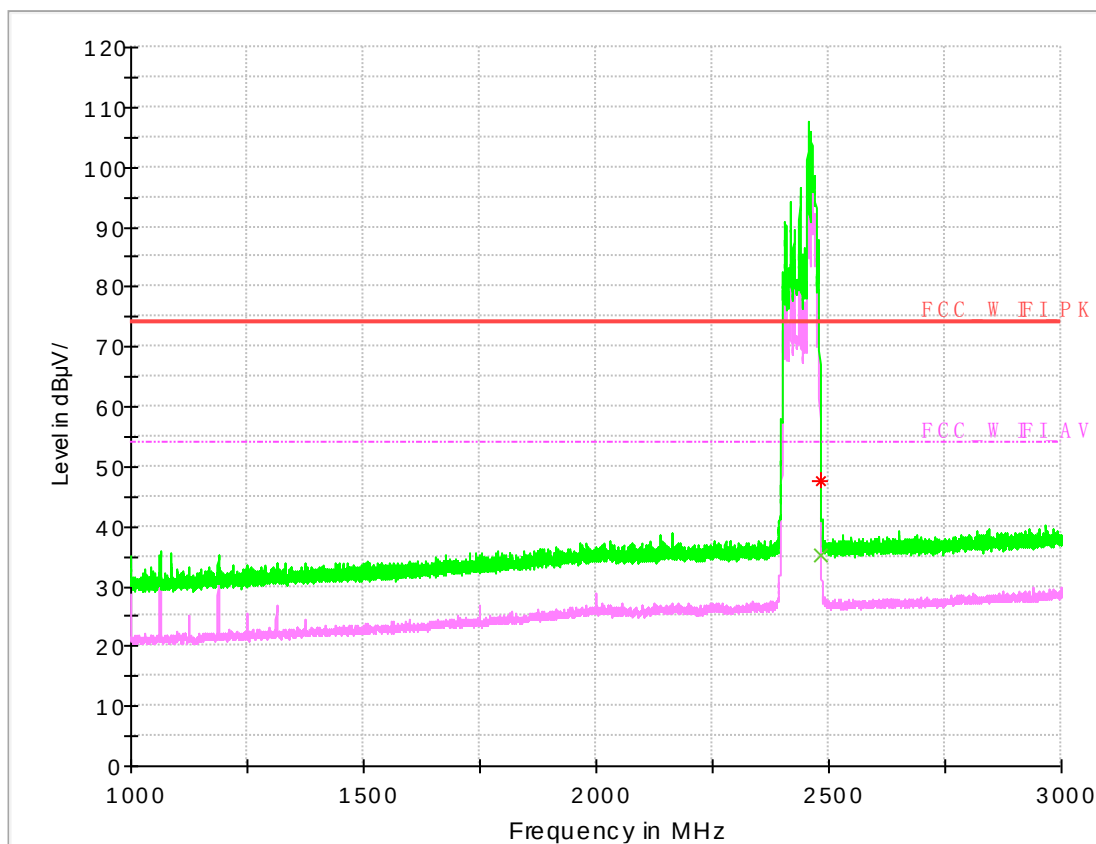
7.4.3.1 Channel 1



Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV/)	Limit (dBμV/)	Margin	Height (cm)	Pol	Azimuth	Corr.
2390.000000	69.43	---	74.00	-4.57	118.0	H	192.0	-7.9
2390.000000	---	49.36	54.00	-4.64	137.0	H	192.0	-7.8

7.4.3.2 Channel 11

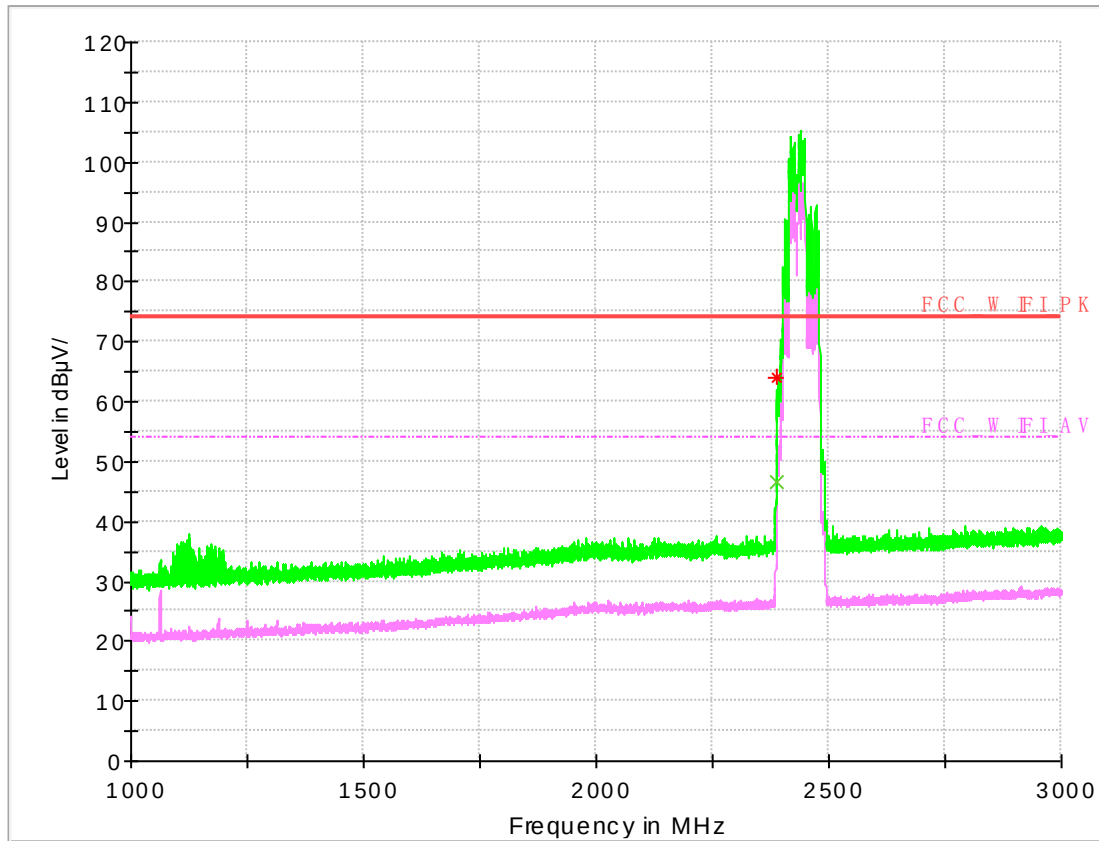


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV)	Limit (dBμV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	35.28	54.00	-18.72	107.0	H	192.0	-0.5
2483.500000	47.73	---	74.00	-26.27	100.0	V	208.0	-0.8

7.4.4 Test Mode: 11N40

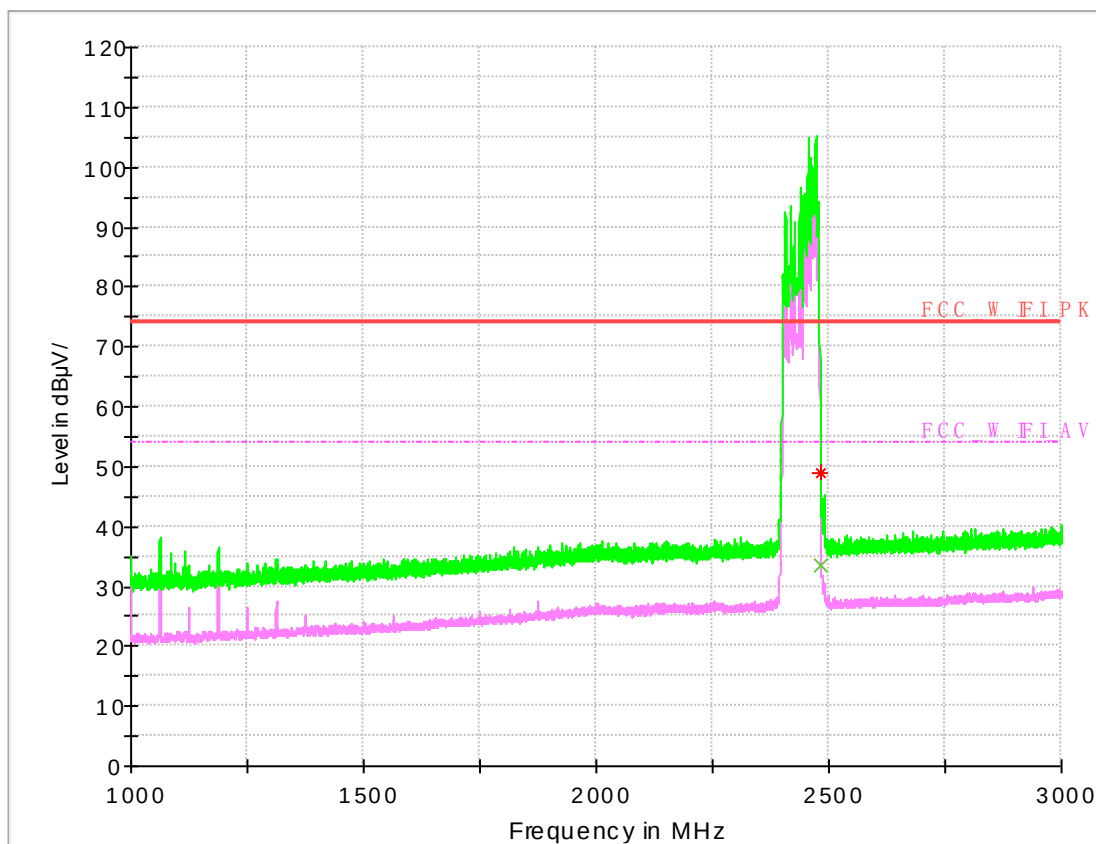
7.4.4.1 Channel 3



Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV/)	Limit (dBμV/)	Margin	Height (cm)	Pol	Azimuth	Corr.
2390.000000	63.89	---	74.00	-10.11	136.0	H	195.0	-7.8
2390.000000	---	46.43	54.00	-7.57	136.0	H	191.0	-7.8

7.4.4.2 Channel 9



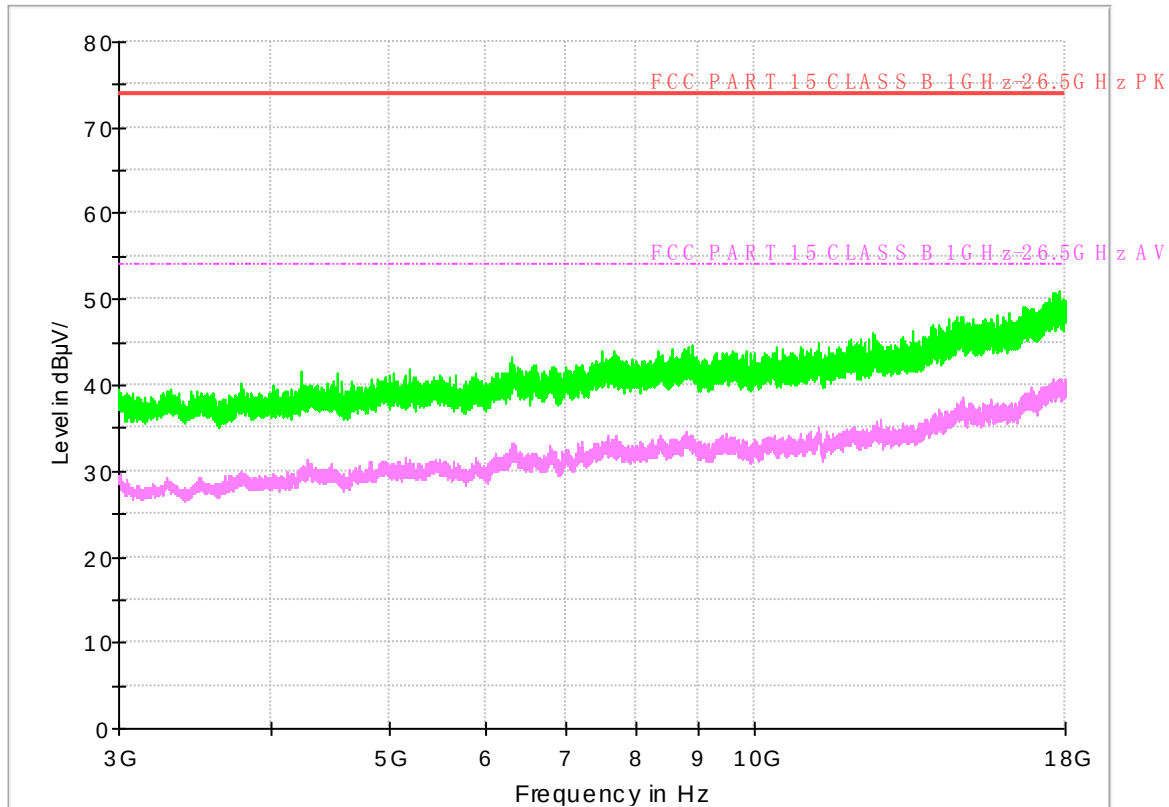
Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV)	Limit (dBμV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	33.41	54.00	-20.59	100.0	V	138.0	-0.5
2483.500000	48.77	---	74.00	-25.23	100.0	V	138.0	-0.6

7.5Part 5: Testing Range of “3 GHz to 18 GHz”

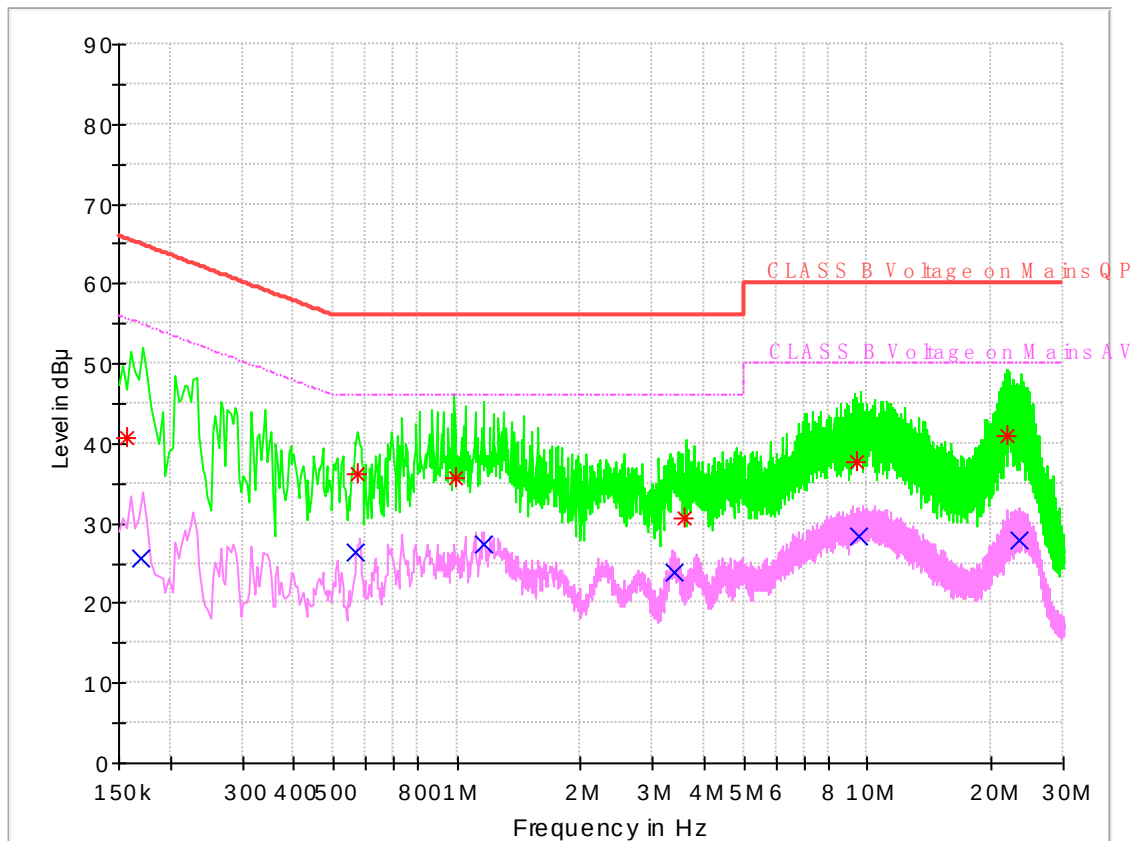
- Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located 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 dBμV/m) and Average Limit (54 dBμV/m).

Full Spectrum



Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



Final Result 1

Frequency	QuasiPea	Average	Limit	Margin	Line	Filter	Corr.
0.157328	40.75	---	65.60	-24.85	N	ON	9.7
0.169551	---	25.76	54.98	-29.22	N	ON	9.7
0.567362	---	26.32	46.00	-19.68	L1	ON	9.7
0.569782	36.29	---	56.00	-19.71	L1	ON	9.7
0.989931	35.70	---	56.00	-20.30	L1	ON	9.7
1.159804	---	27.36	46.00	-18.64	L1	ON	9.7
3.384576	---	23.84	46.00	-22.16	N	ON	9.7
3.583934	30.77	---	56.00	-25.23	N	ON	9.7
9.418807	37.75	---	60.00	-22.25	N	ON	9.9
9.474768	---	28.51	50.00	-21.49	N	ON	9.9
21.792894	41.08	---	60.00	-18.92	N	ON	10.2
23.513747	---	27.99	50.00	-22.01	N	ON	10.2

END