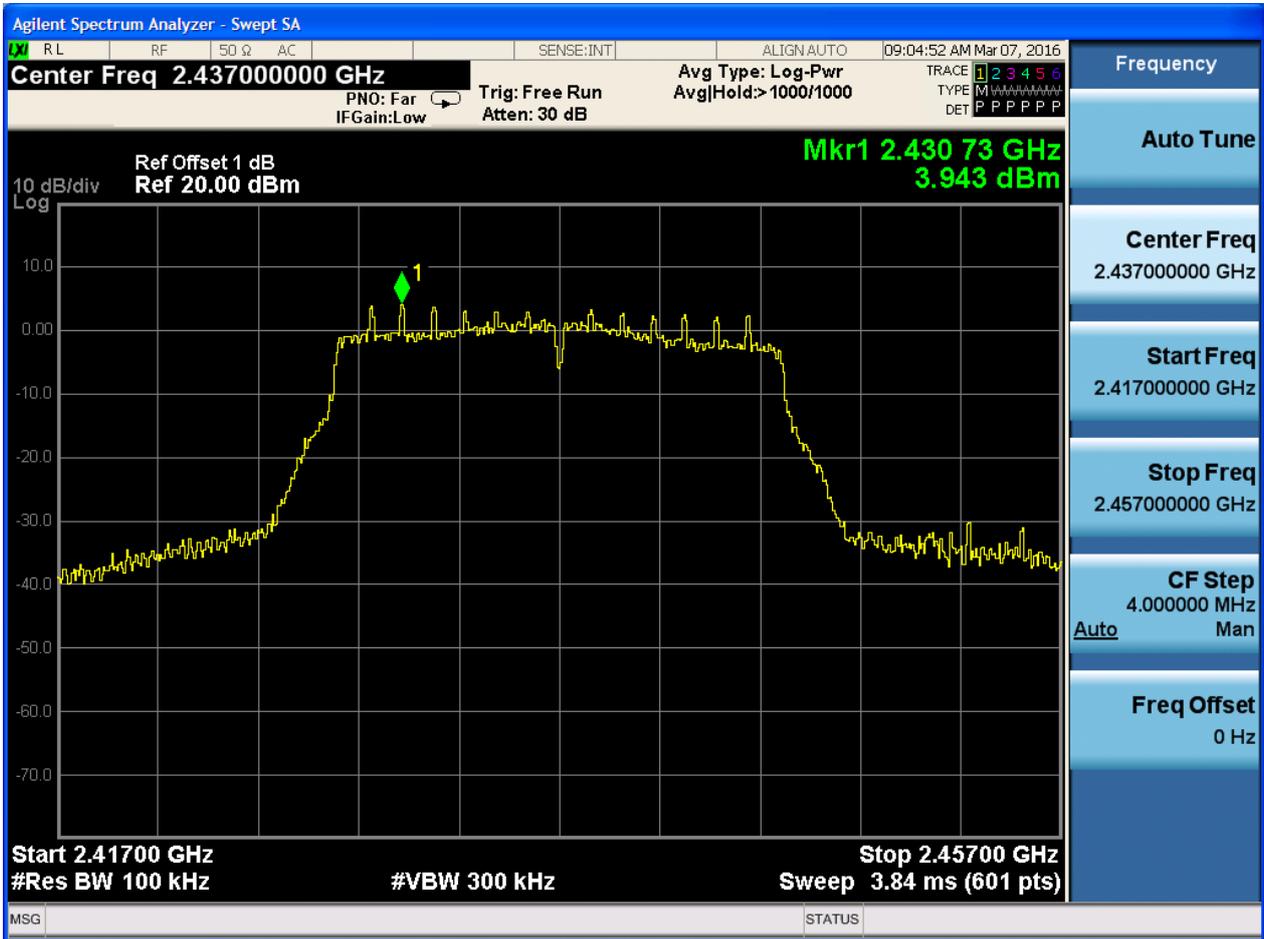






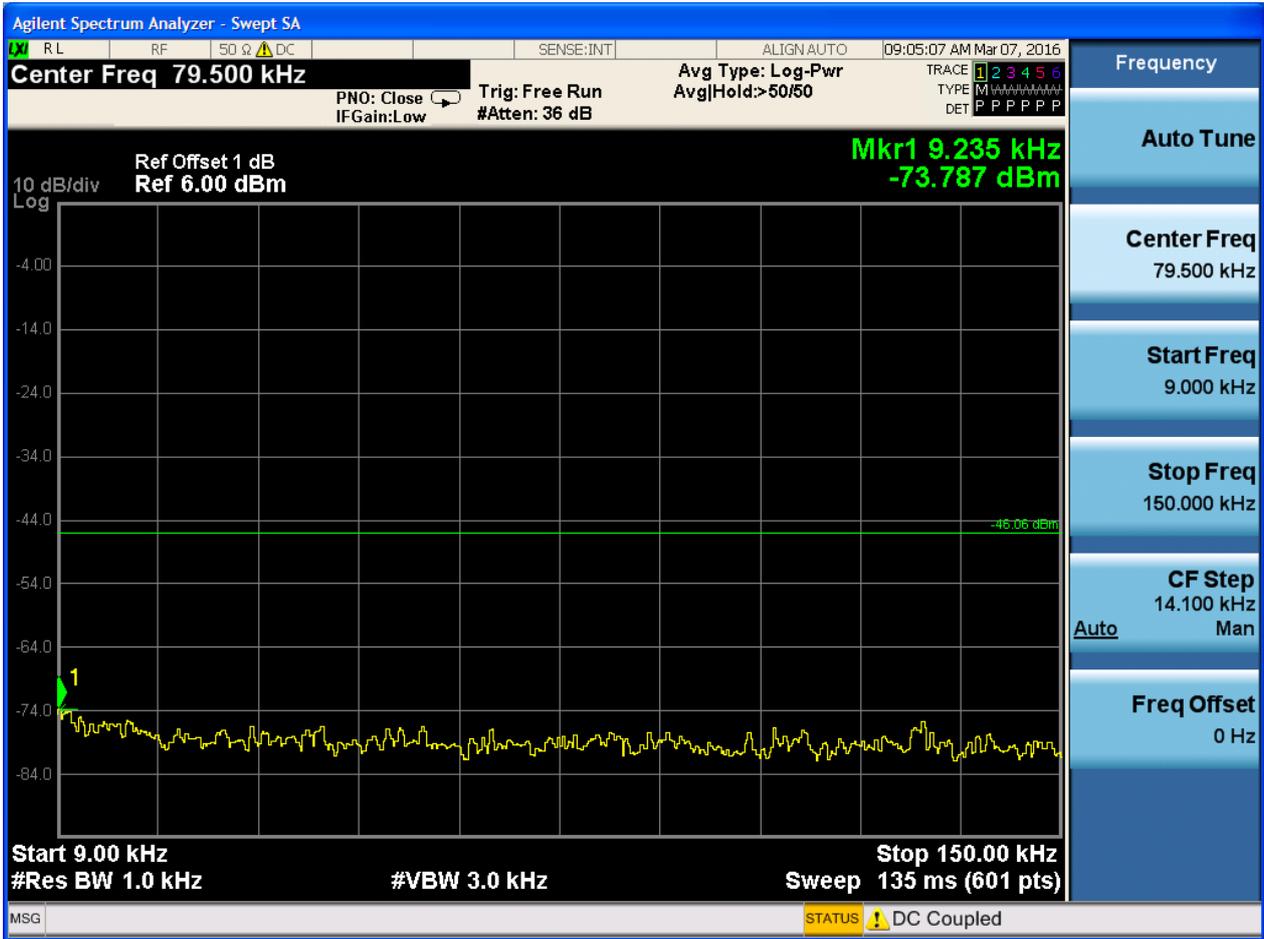
2.15 11N20_M@Ant 1

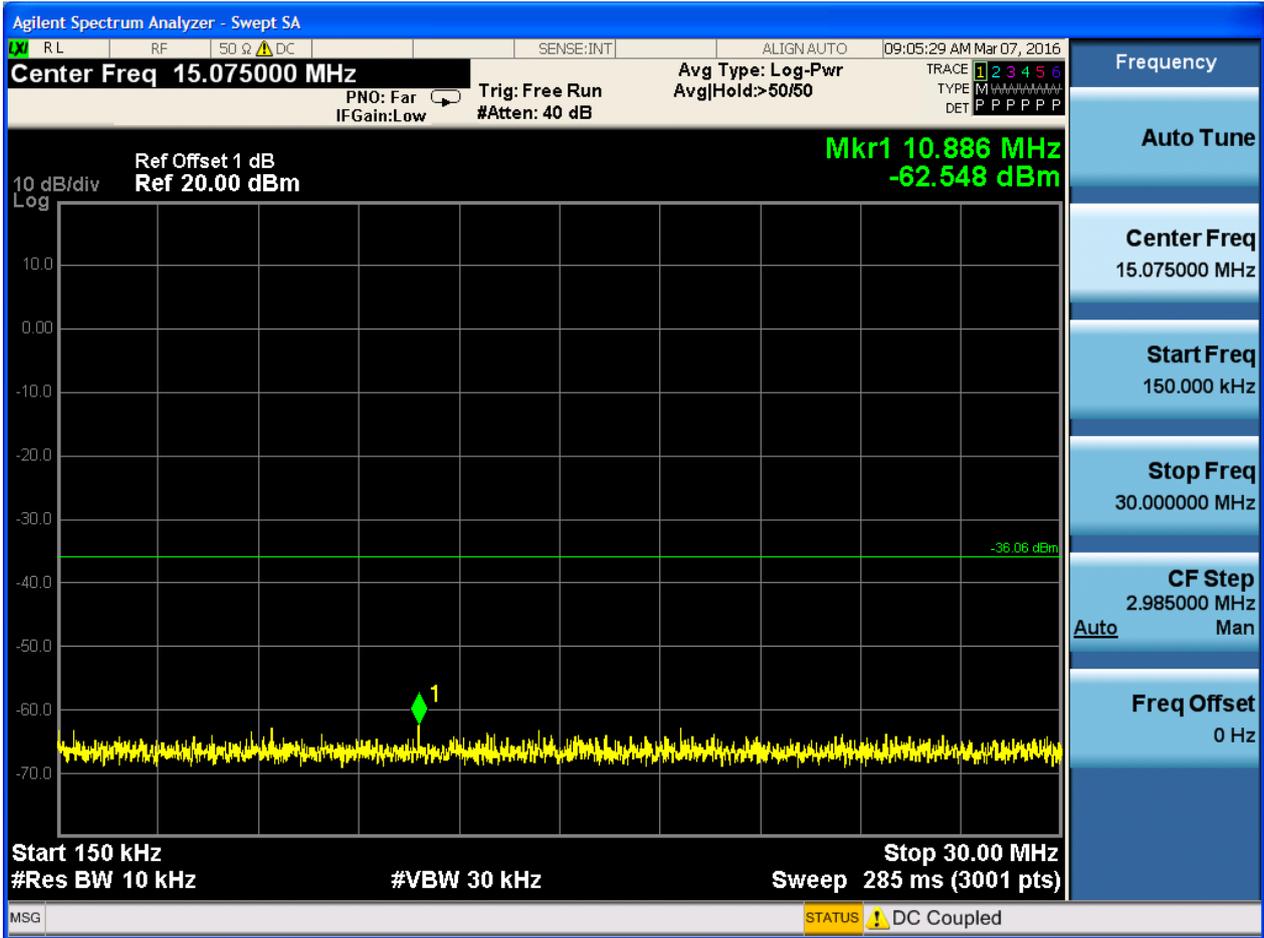
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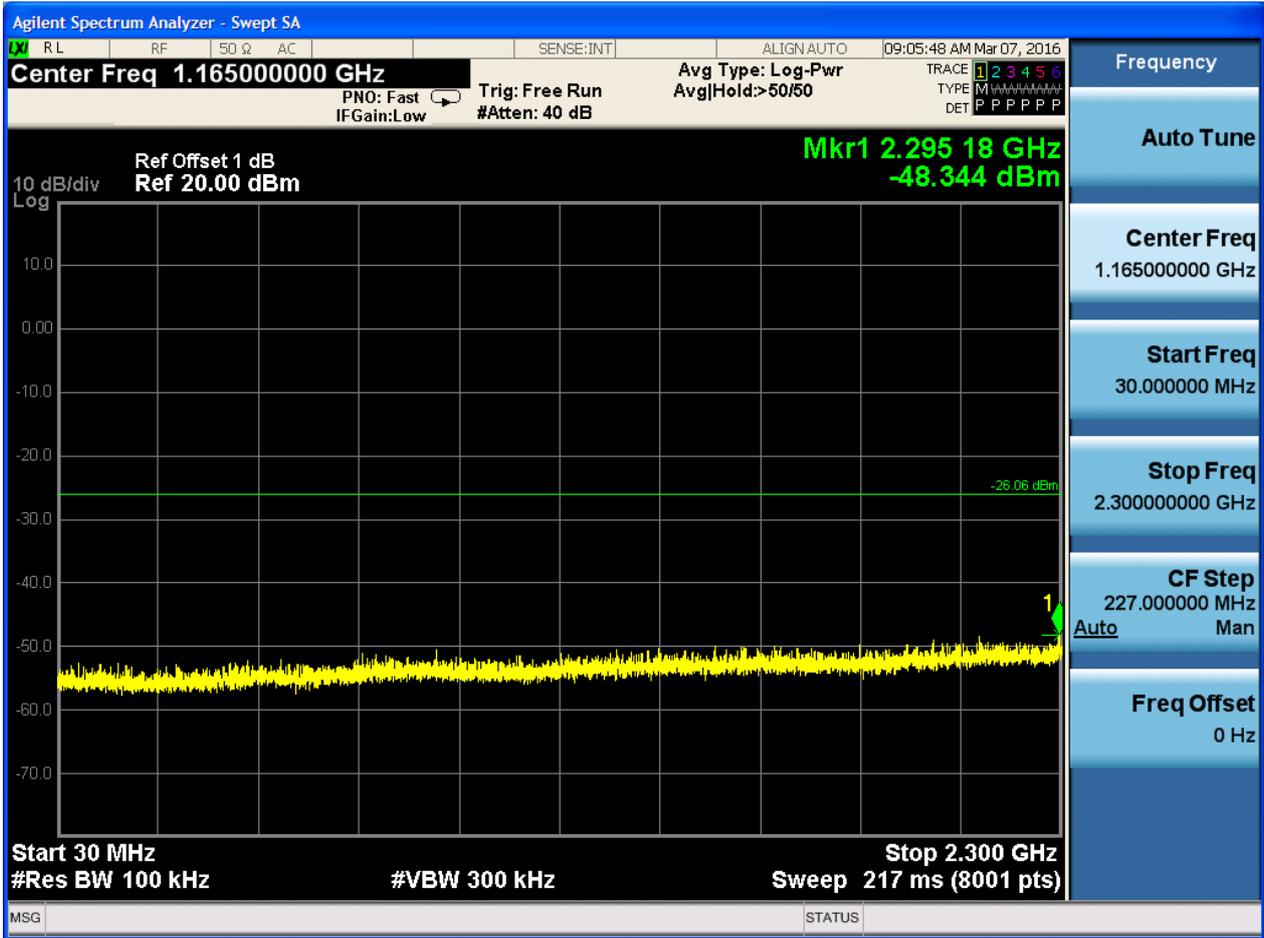




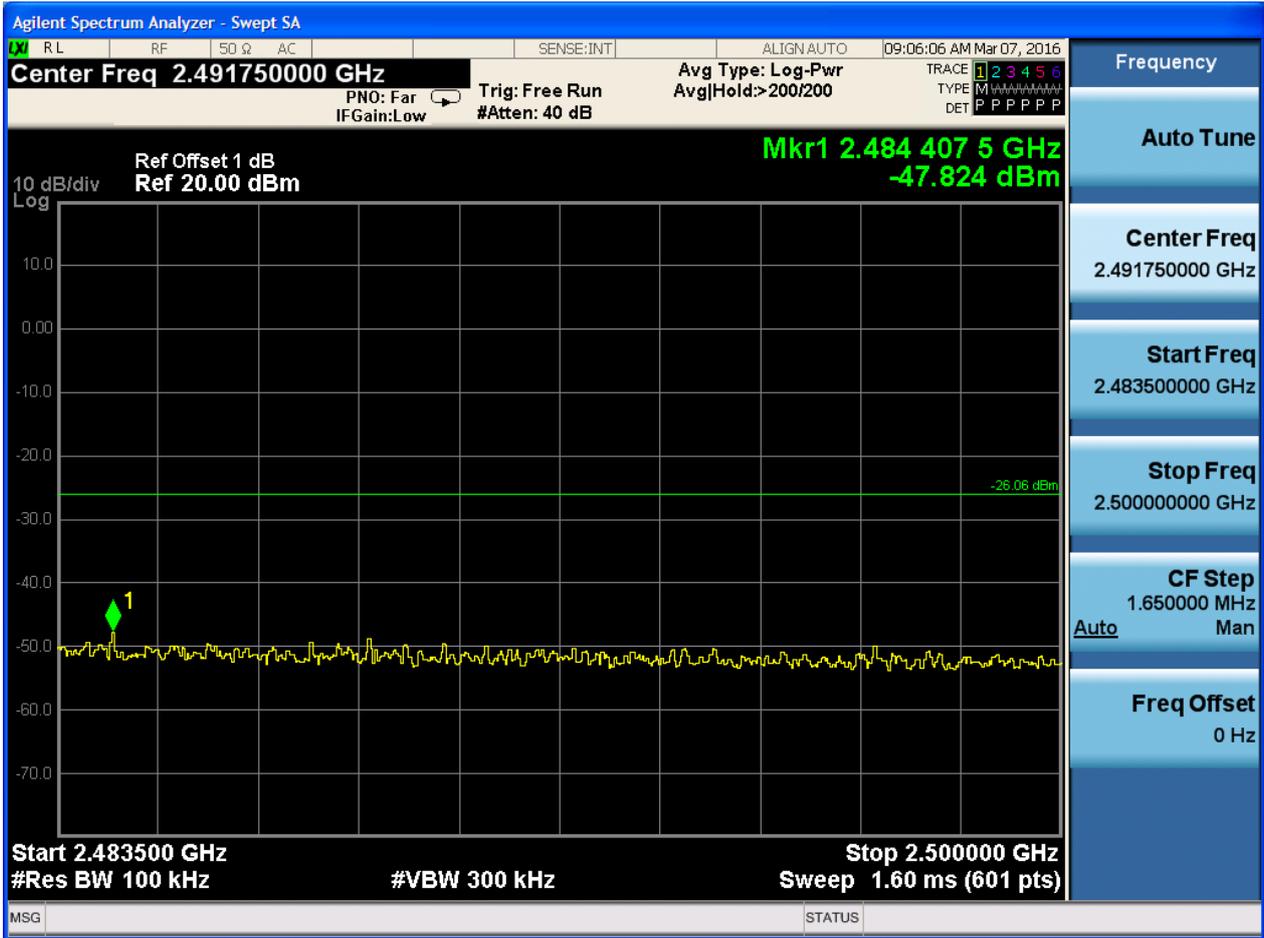
Puw:









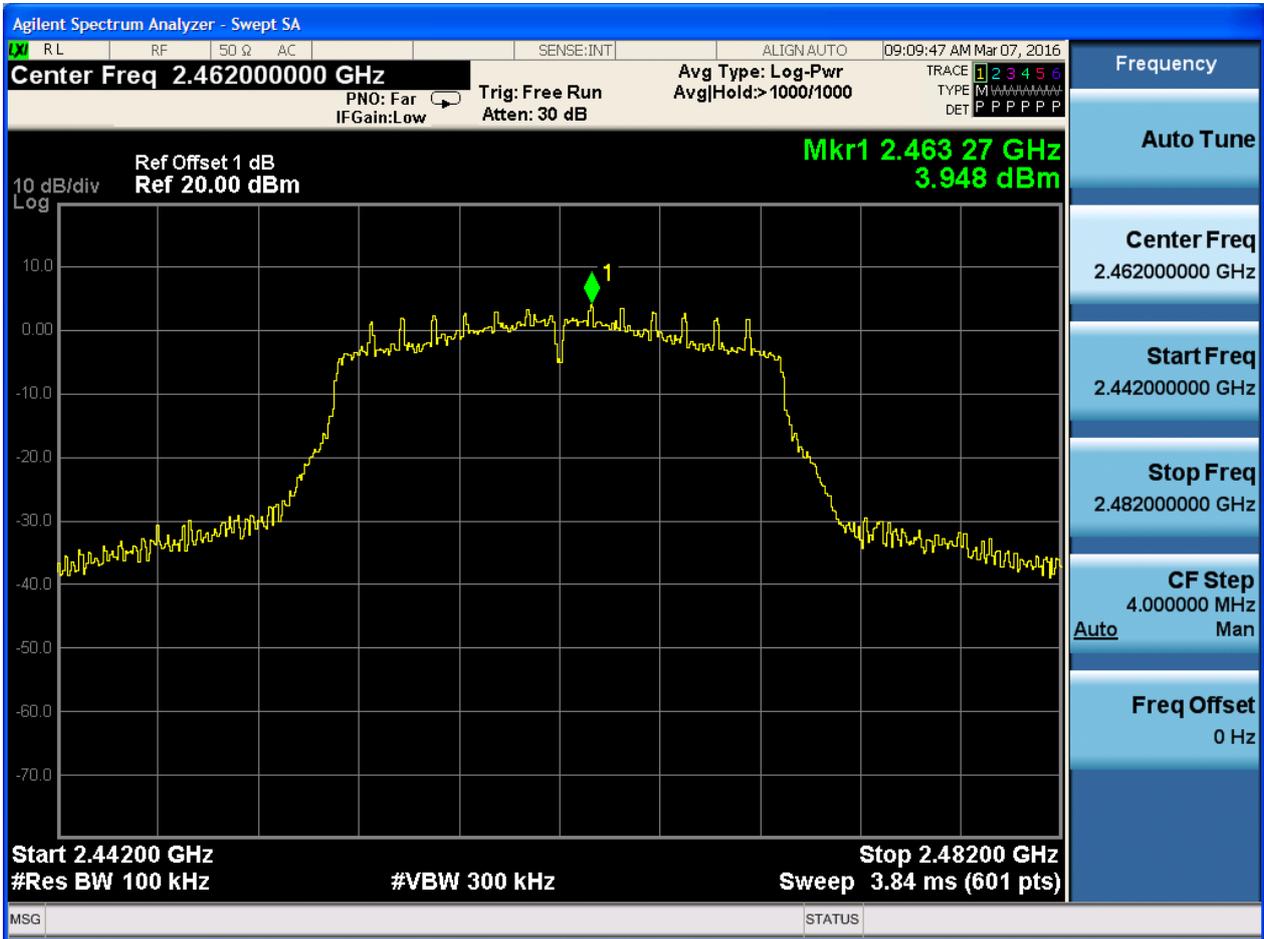






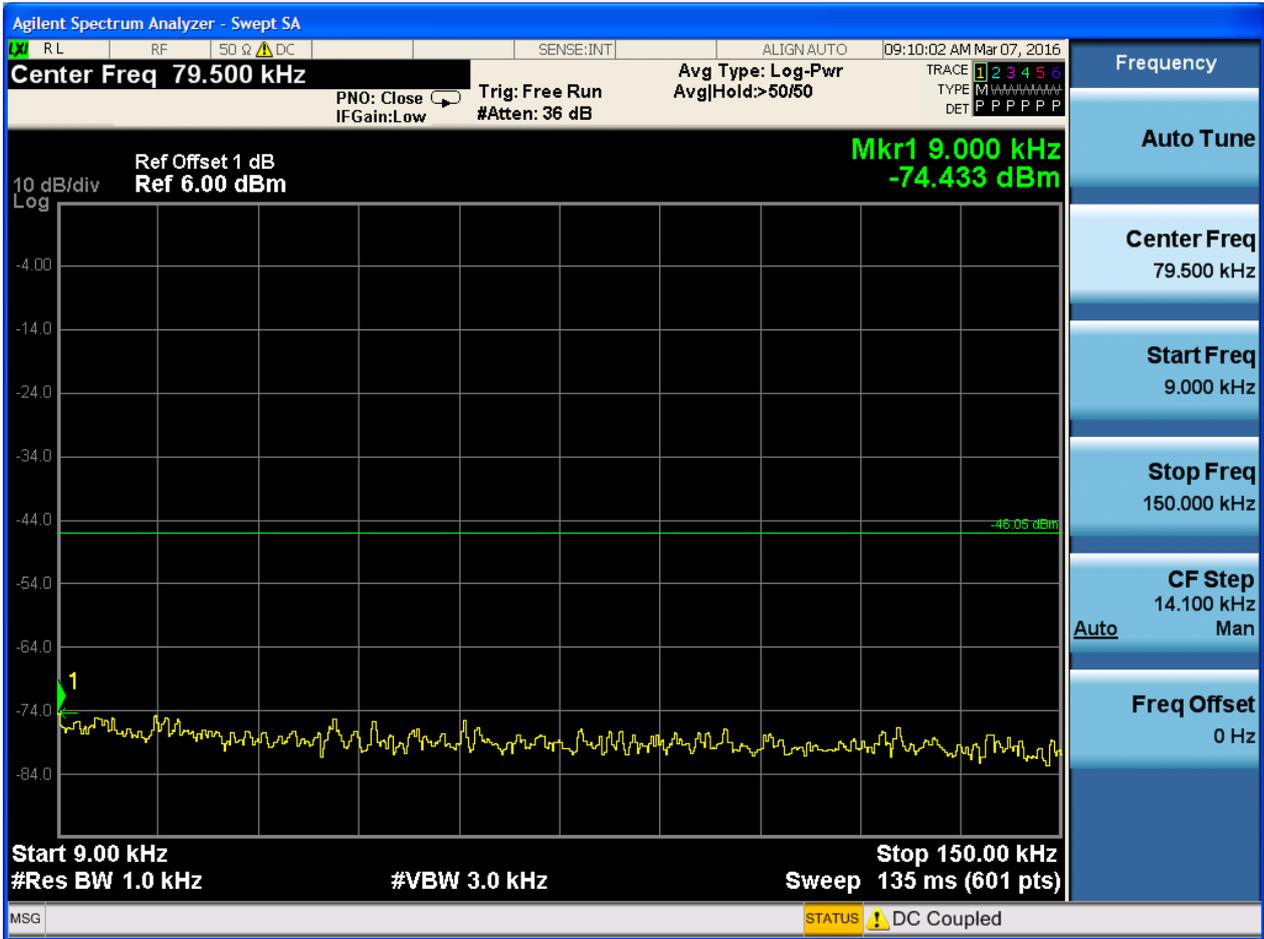
2.17 11N20_H@Ant 1

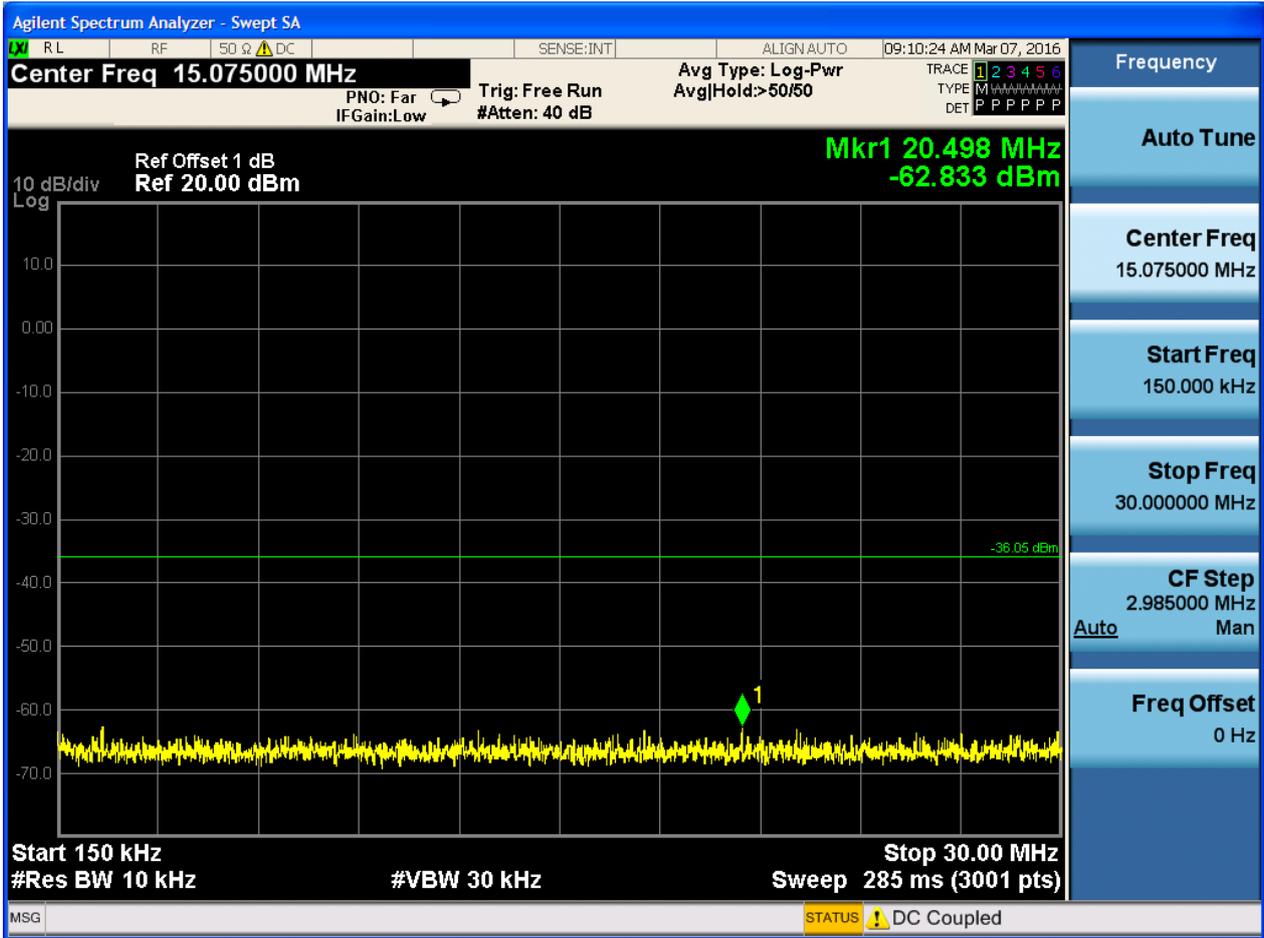
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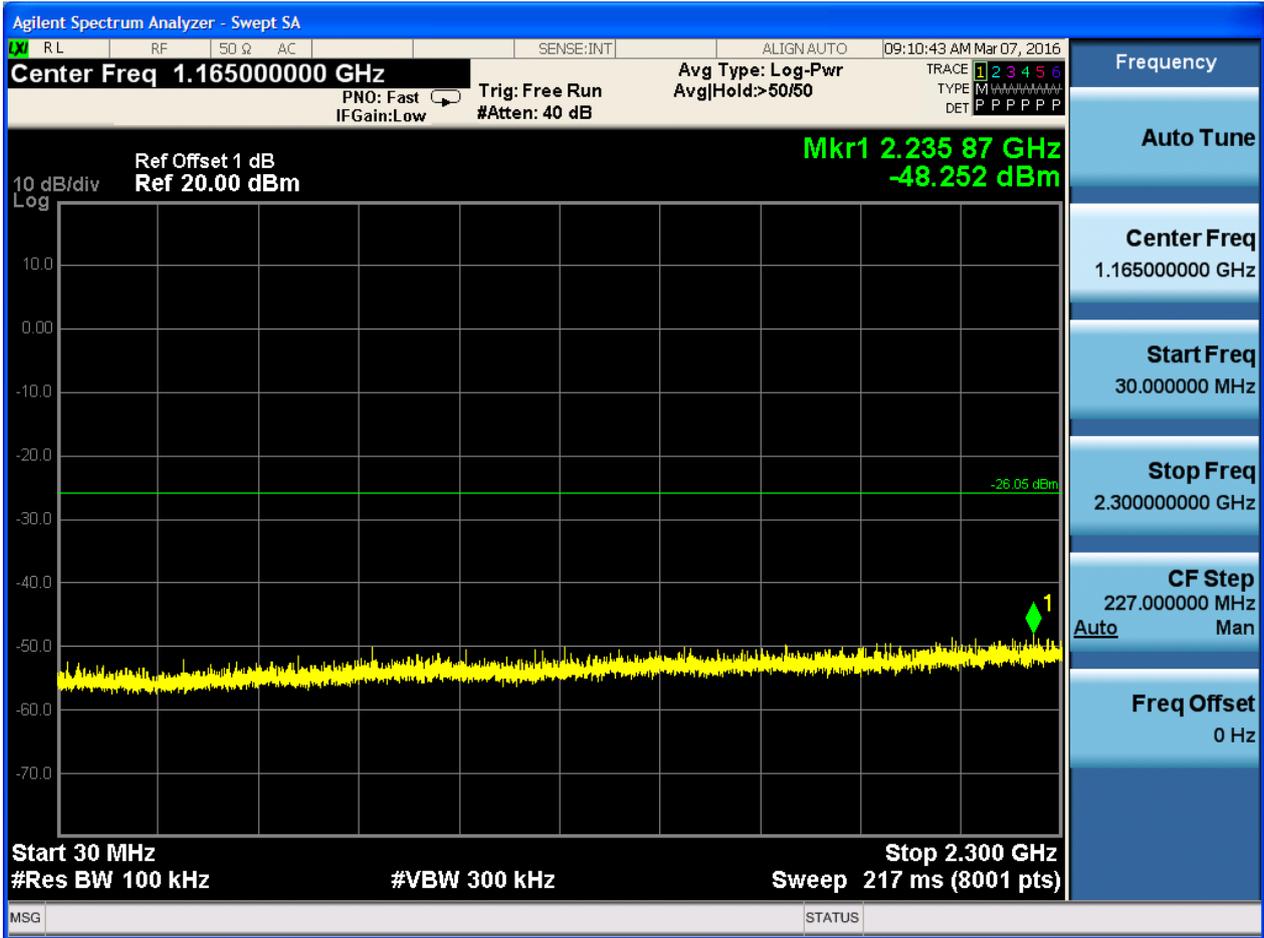




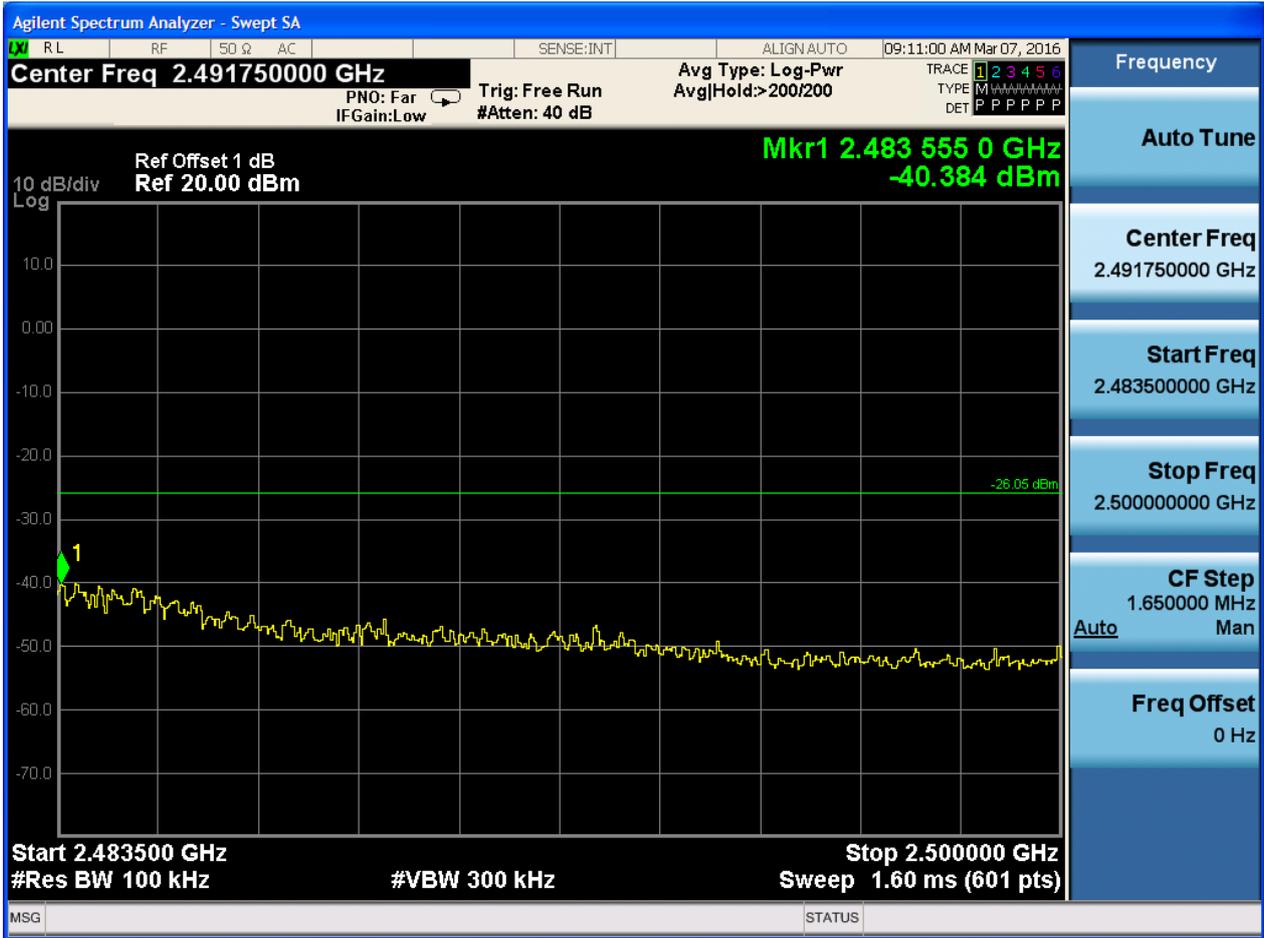
Puw:









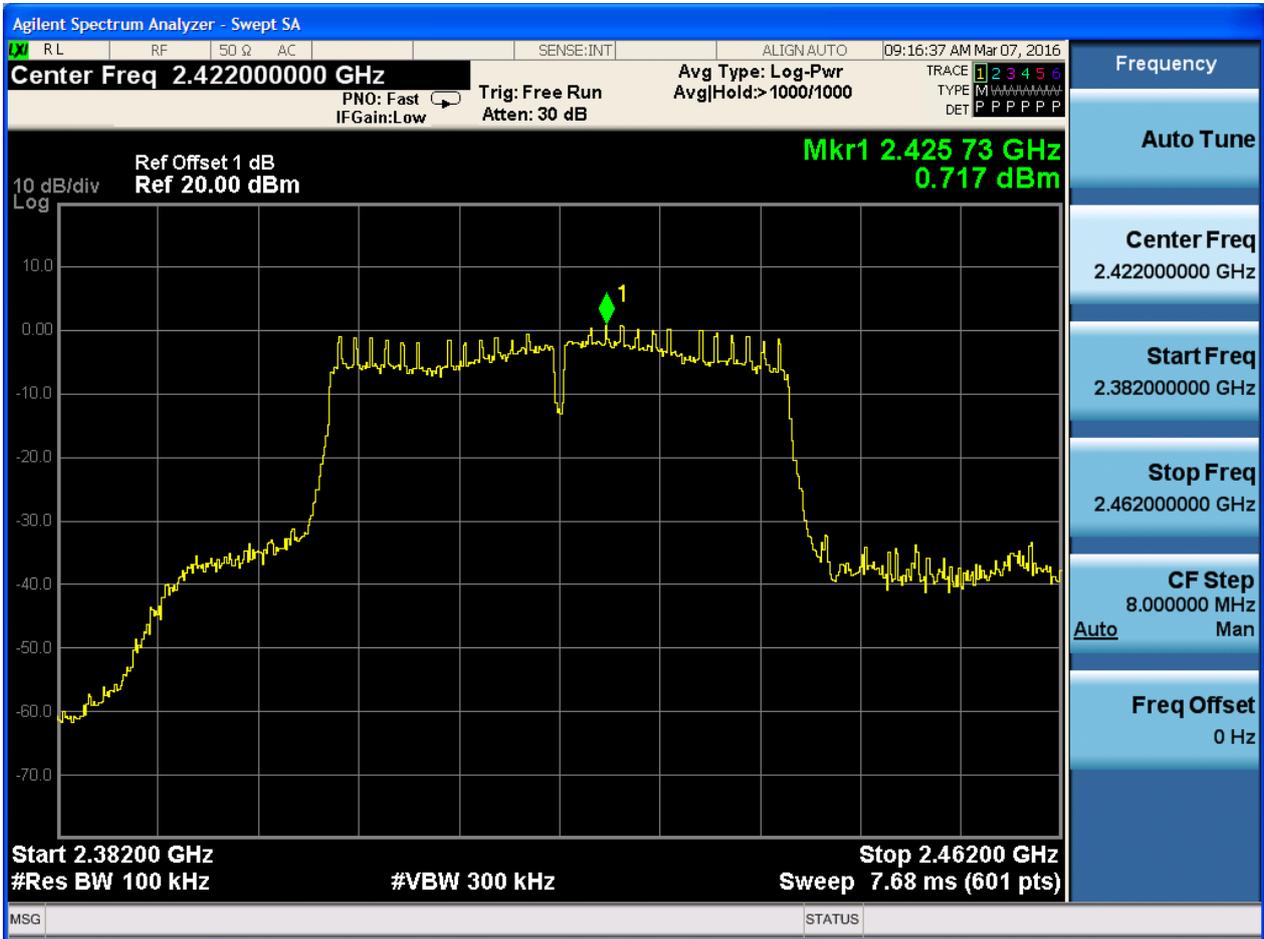






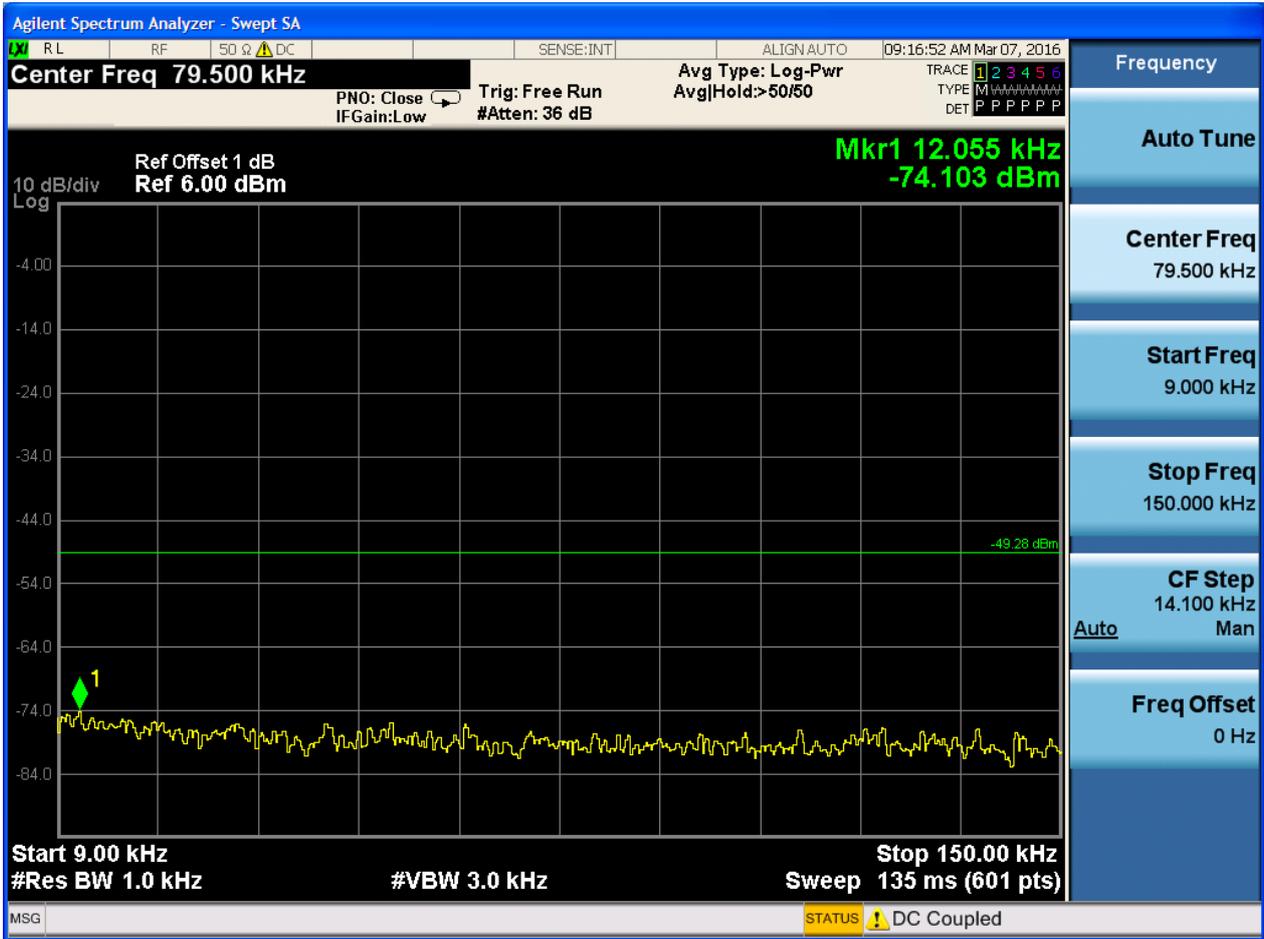
2.19 11N40_L@Ant 1

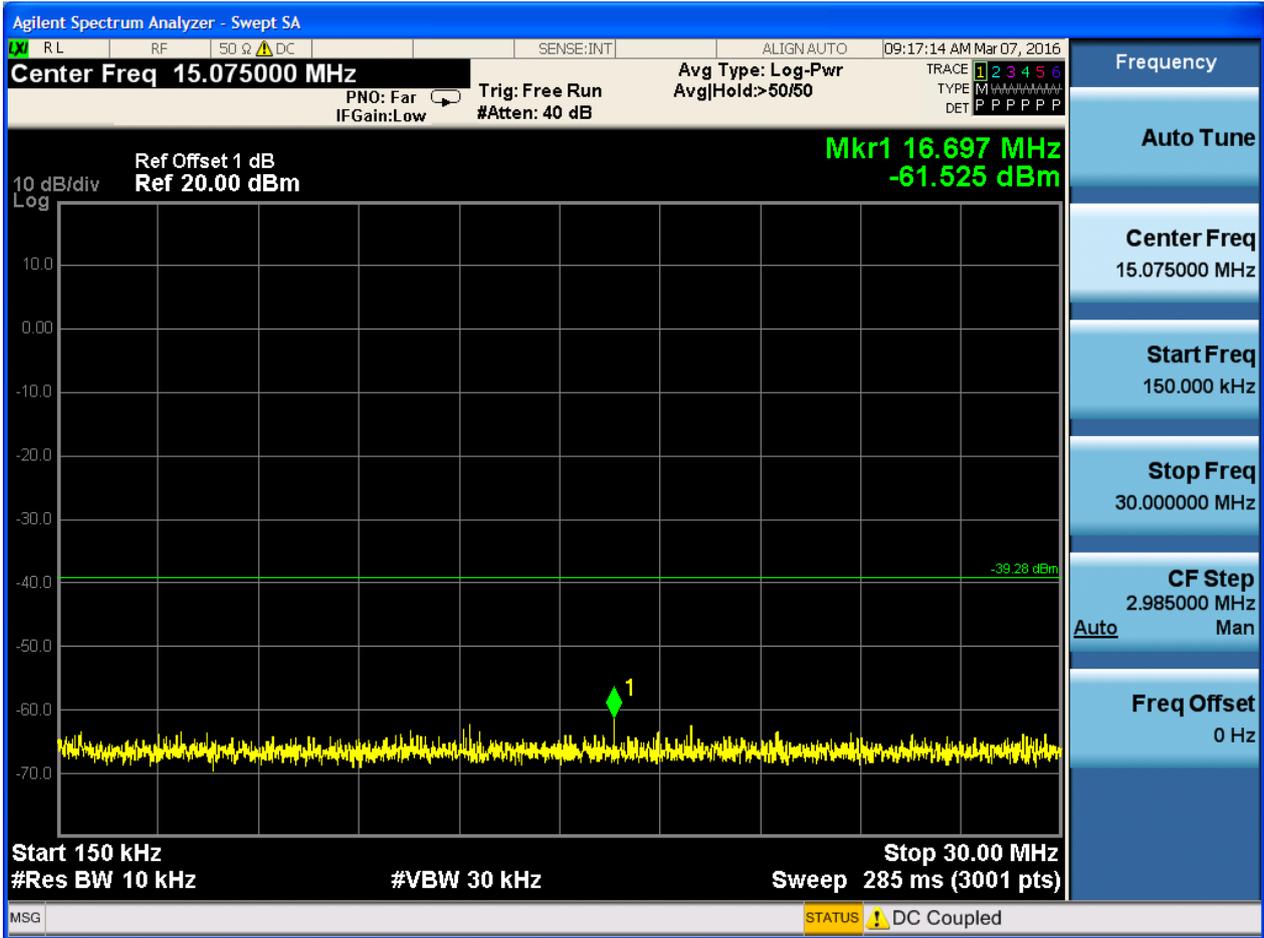
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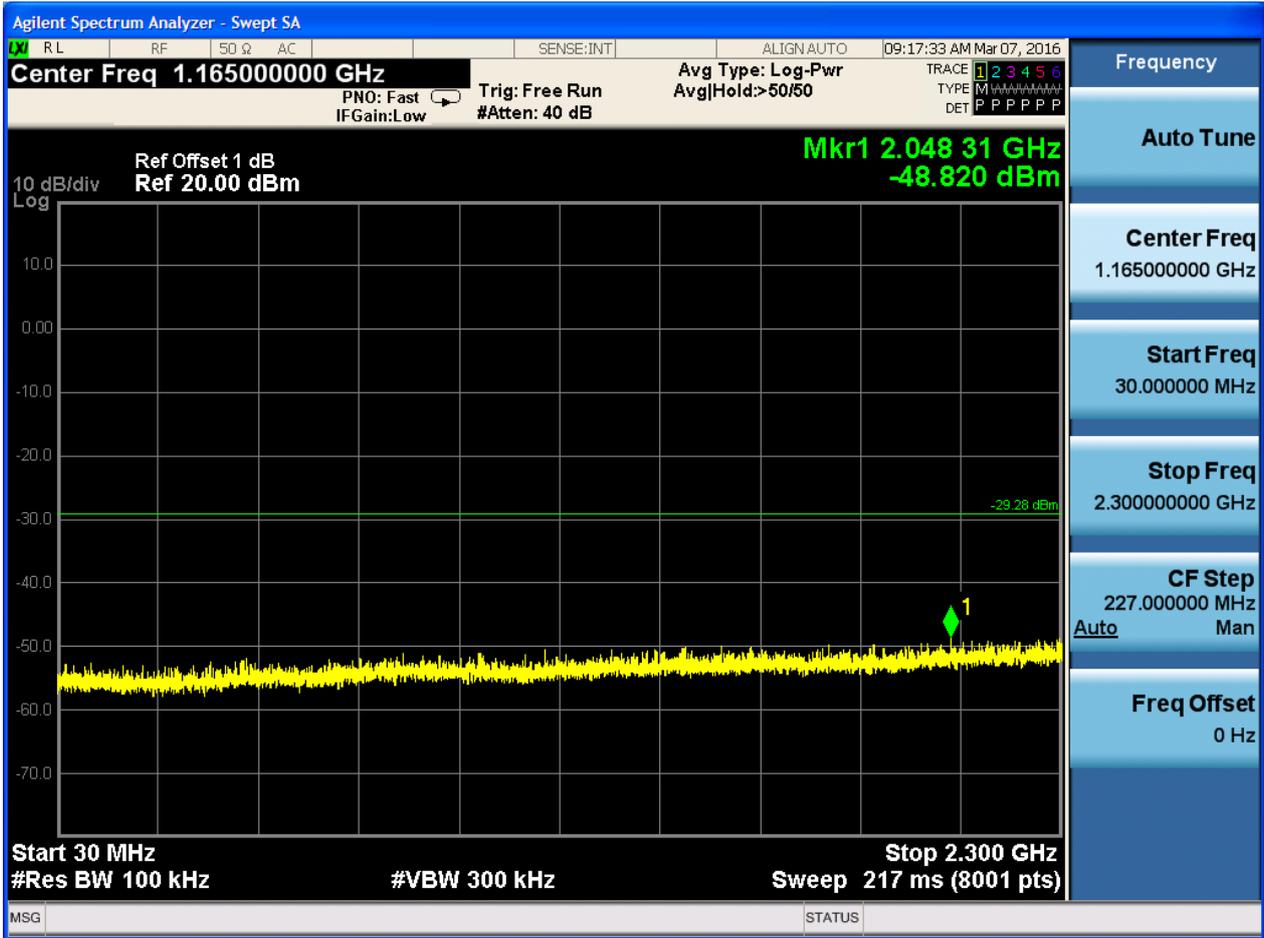




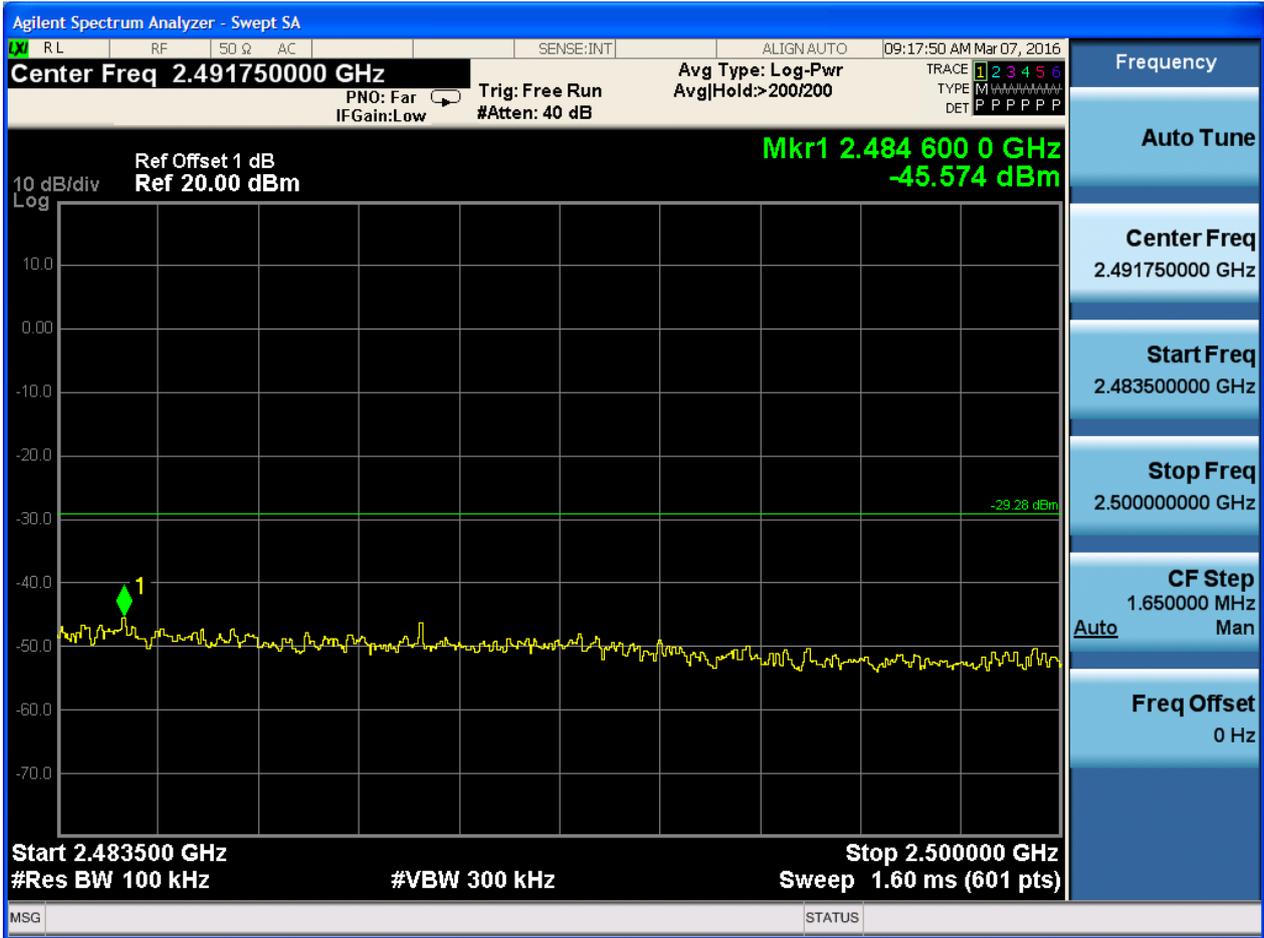
Puw:









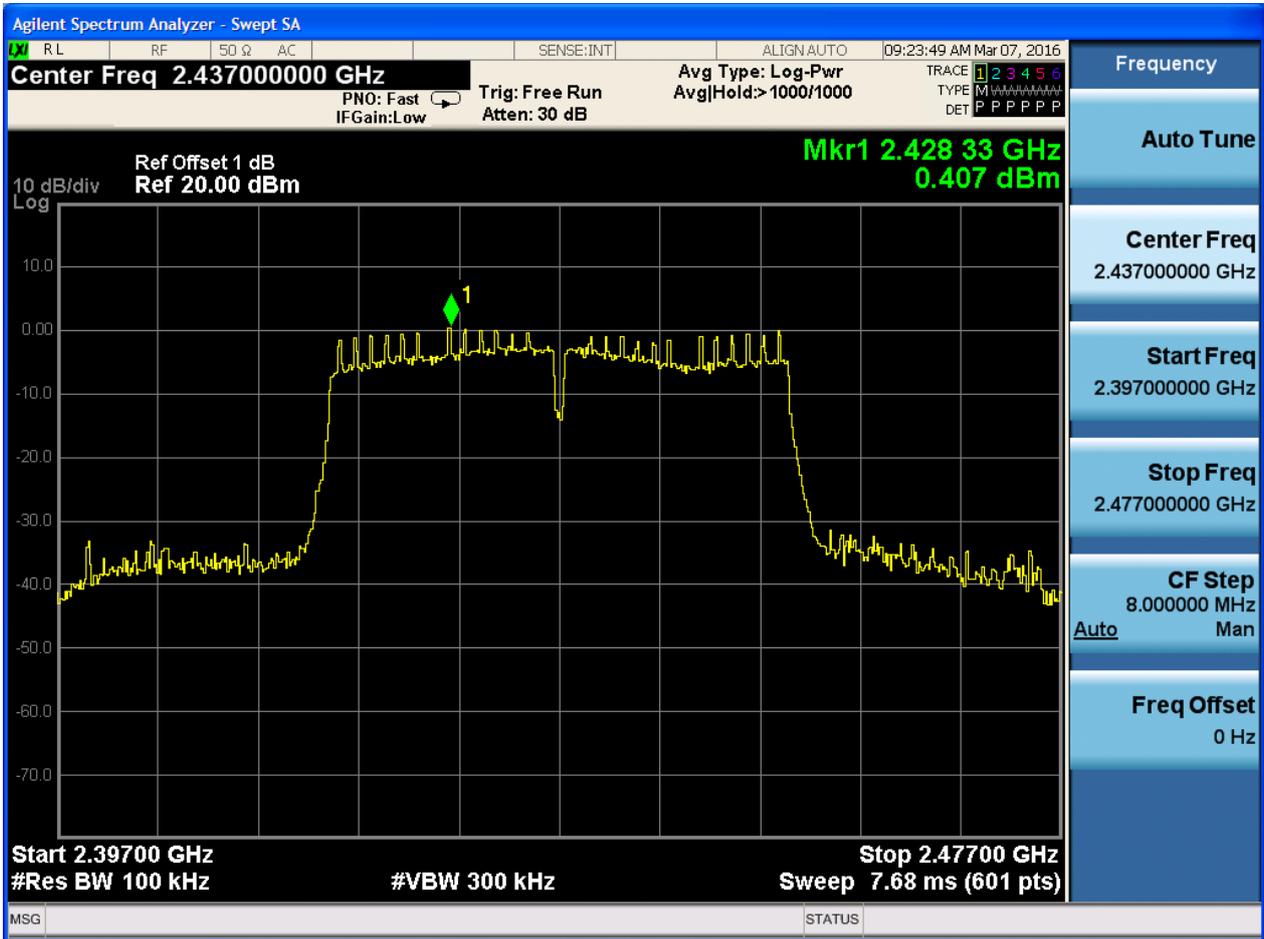






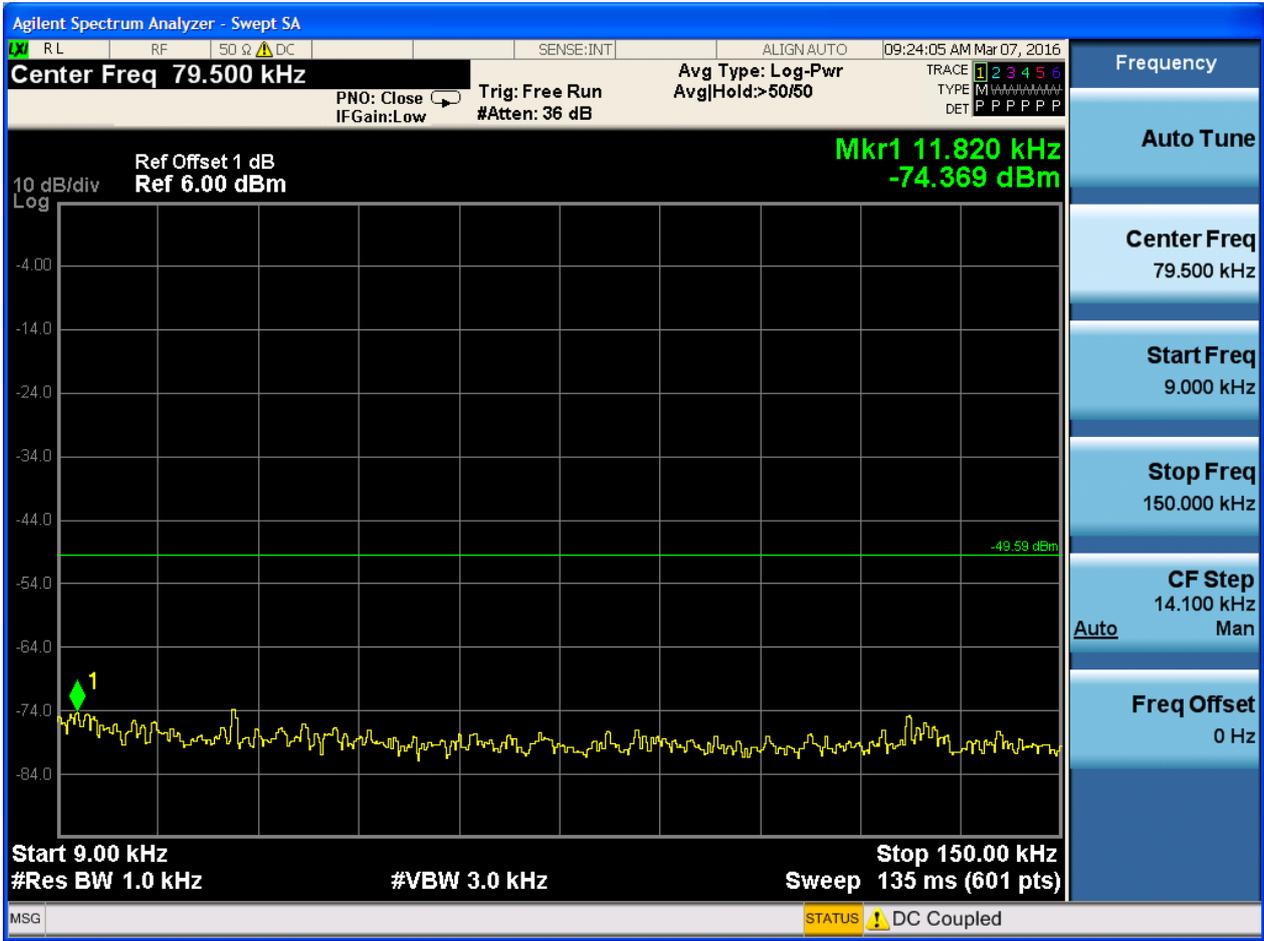
2.21 11N40_M@Ant 1

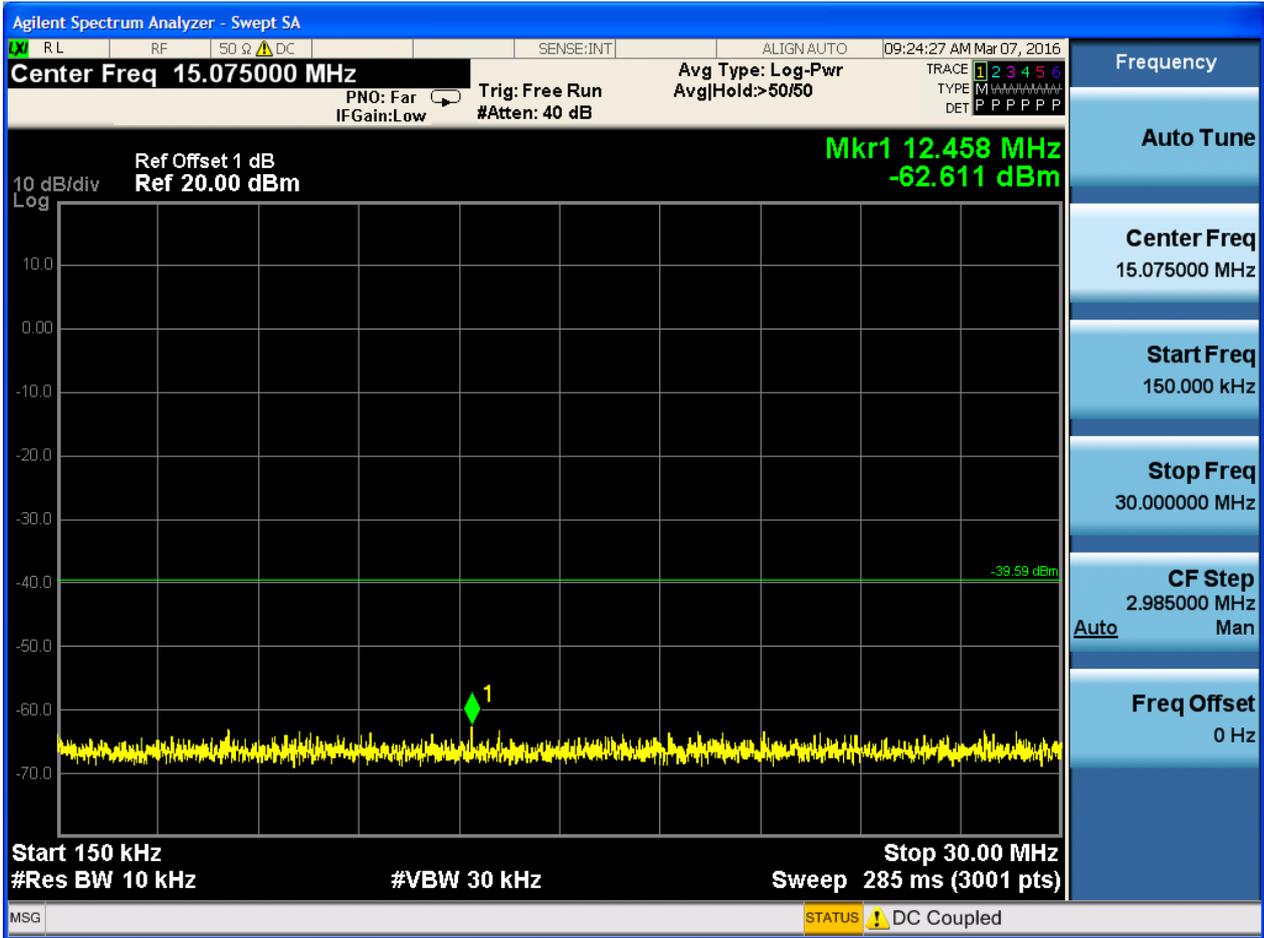
Pref:

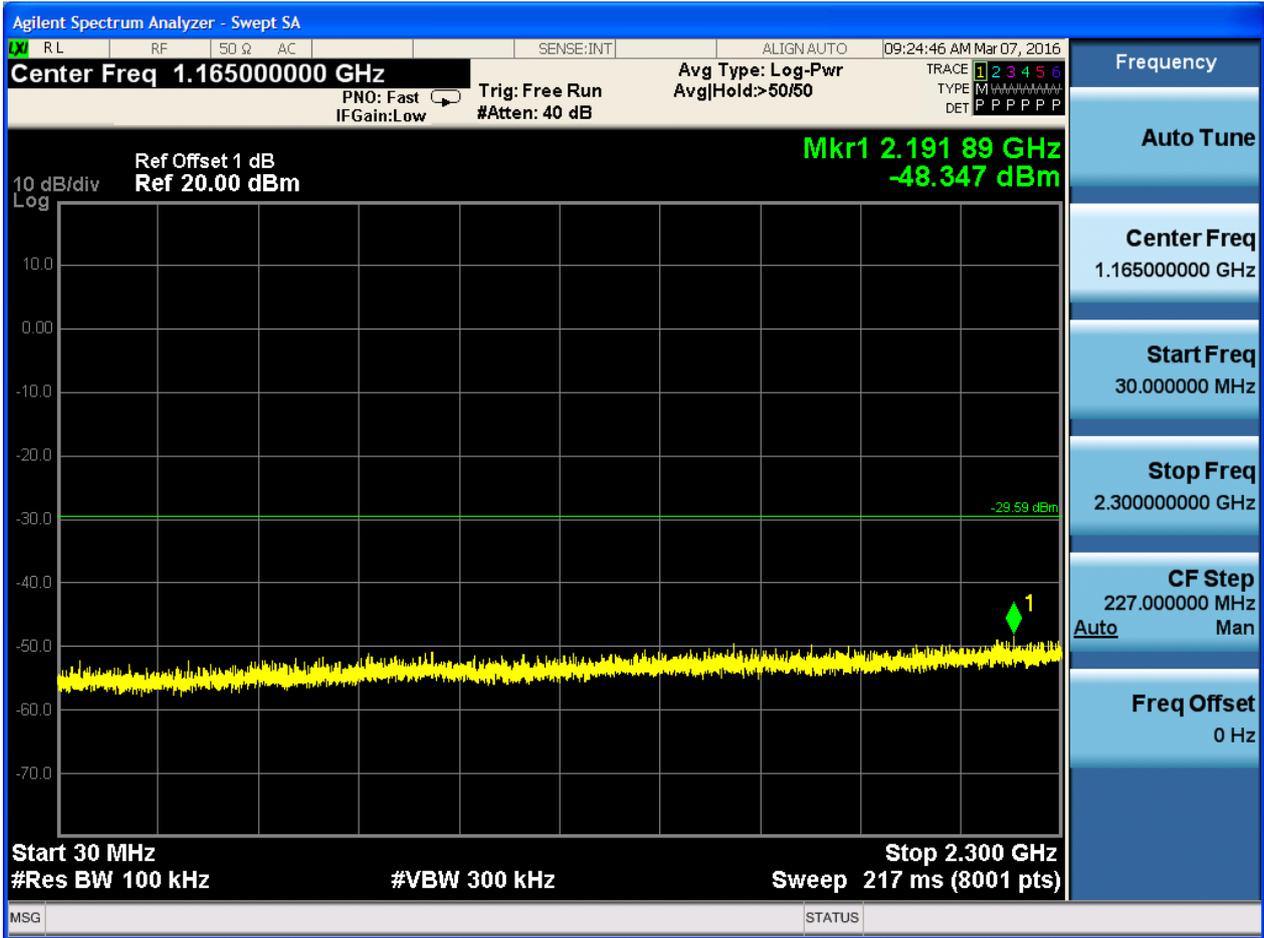


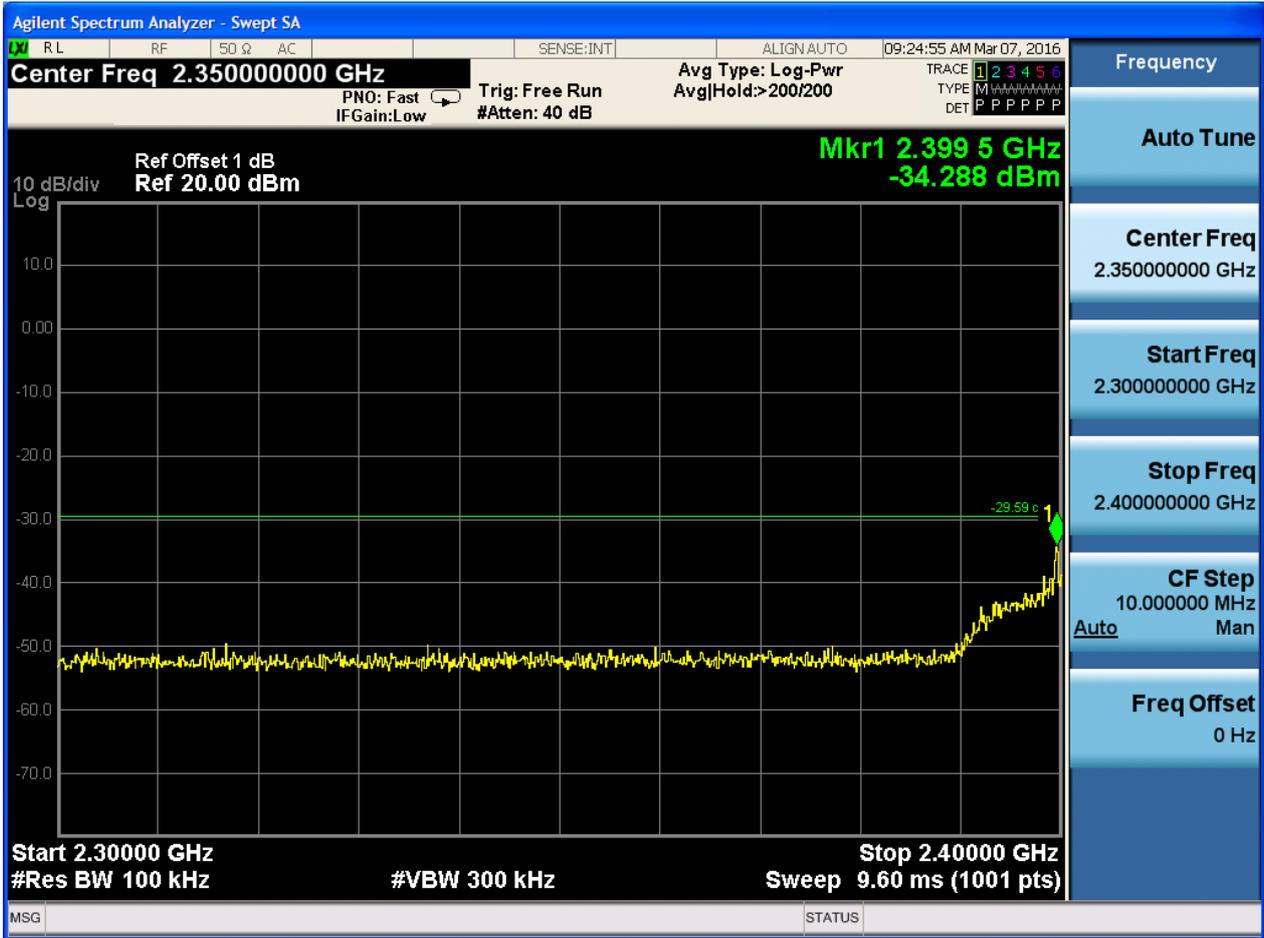


Puw:









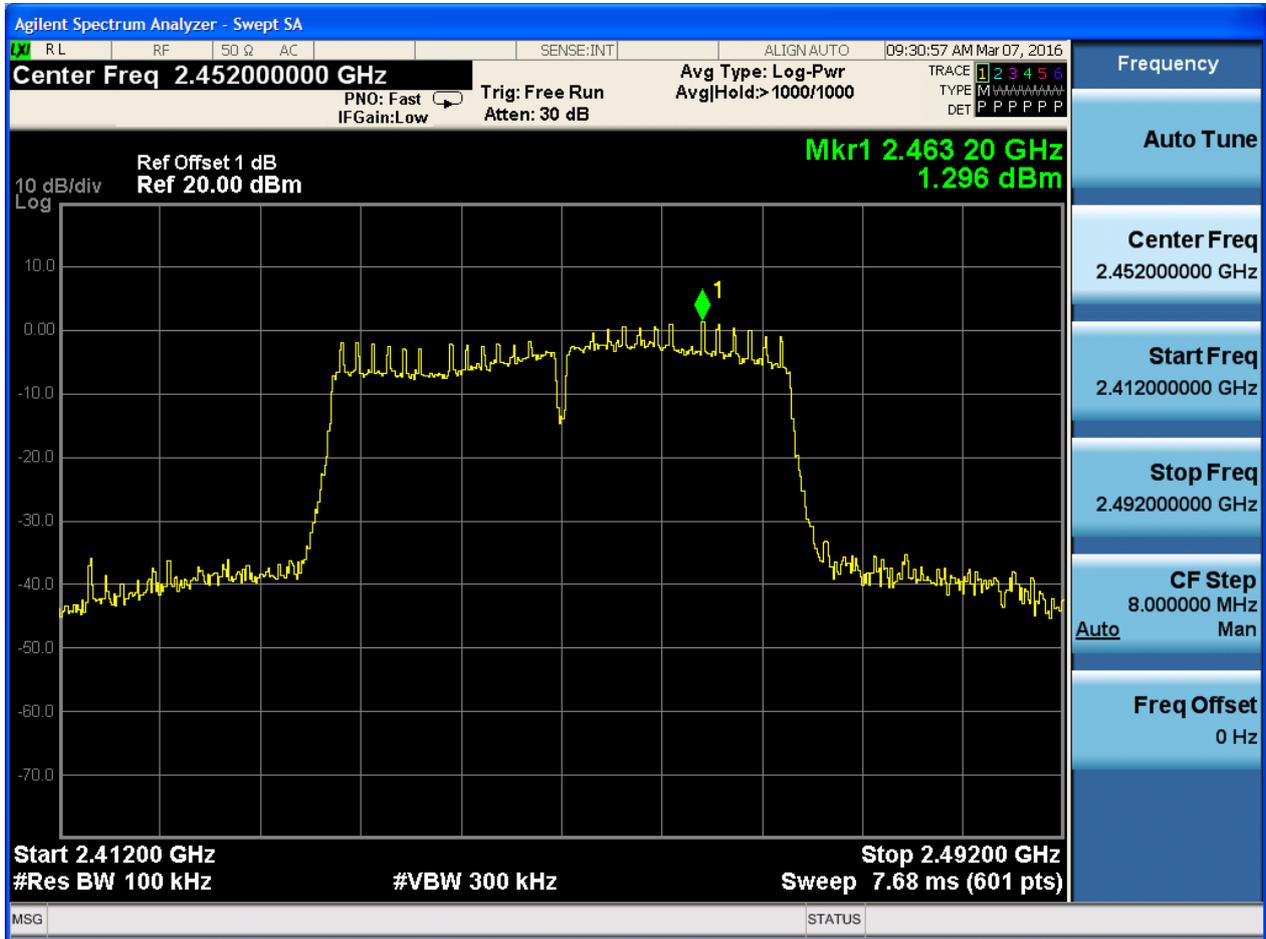






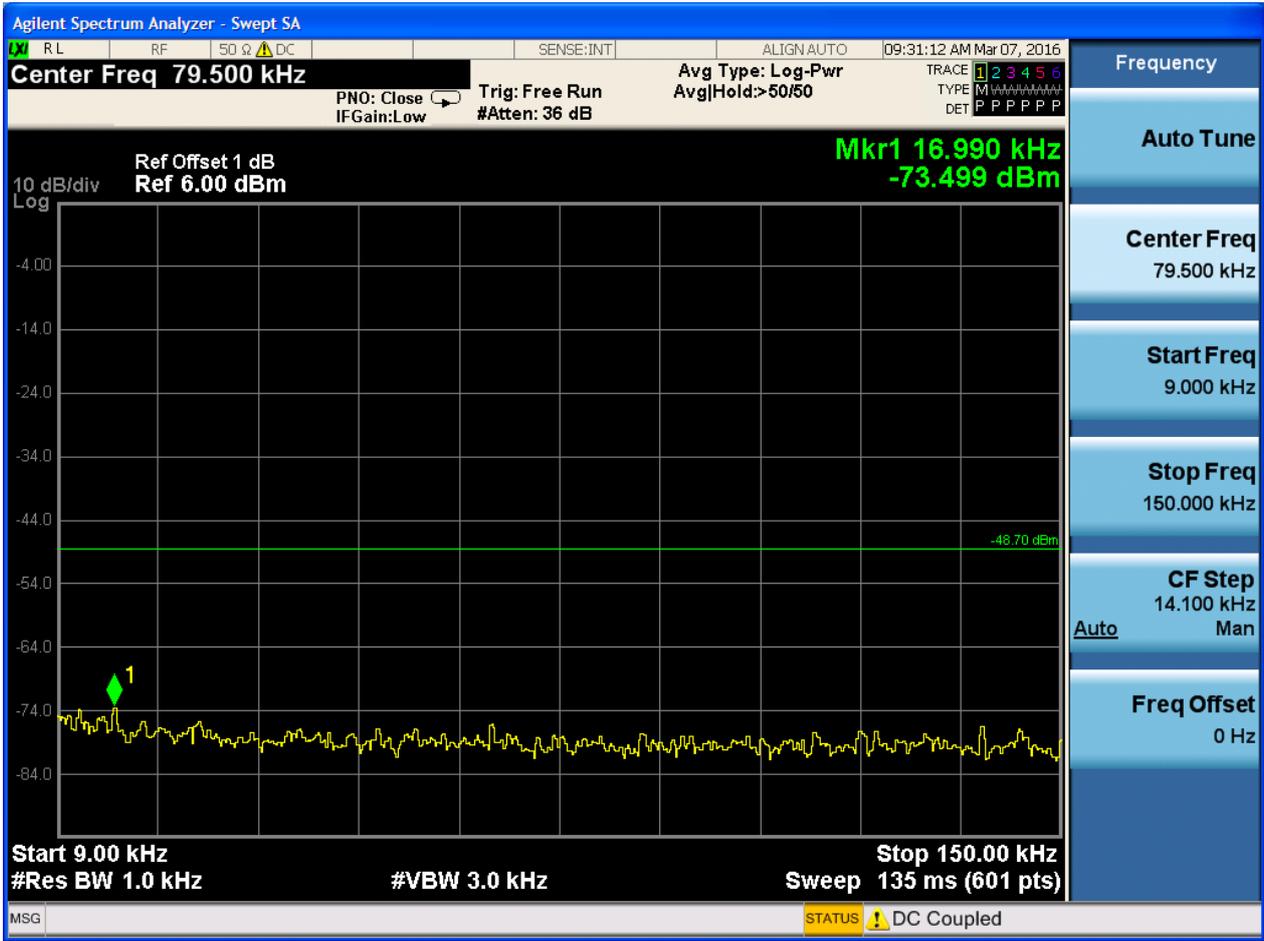
2.23 11N40_H@Ant 1

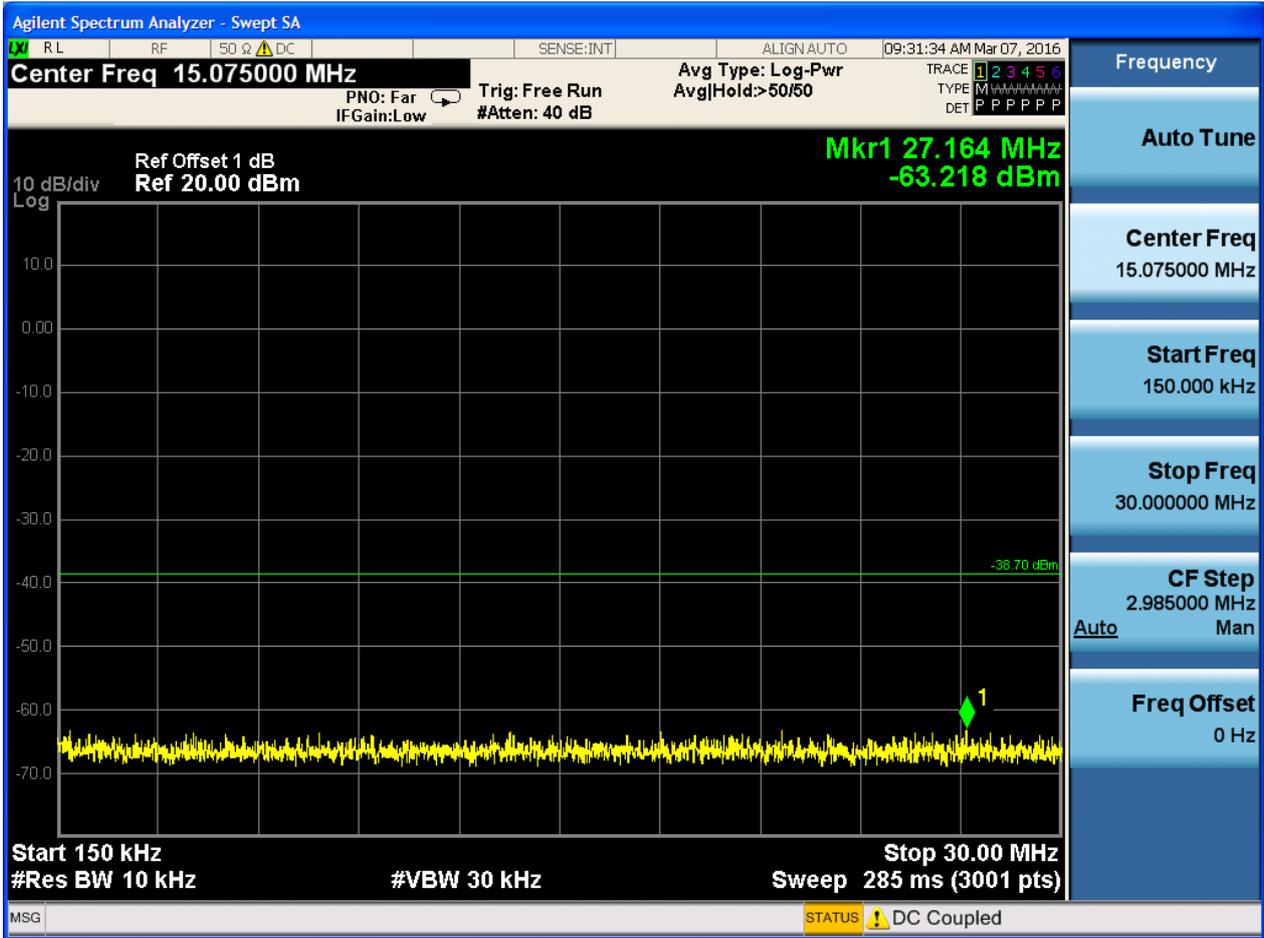
Pref:

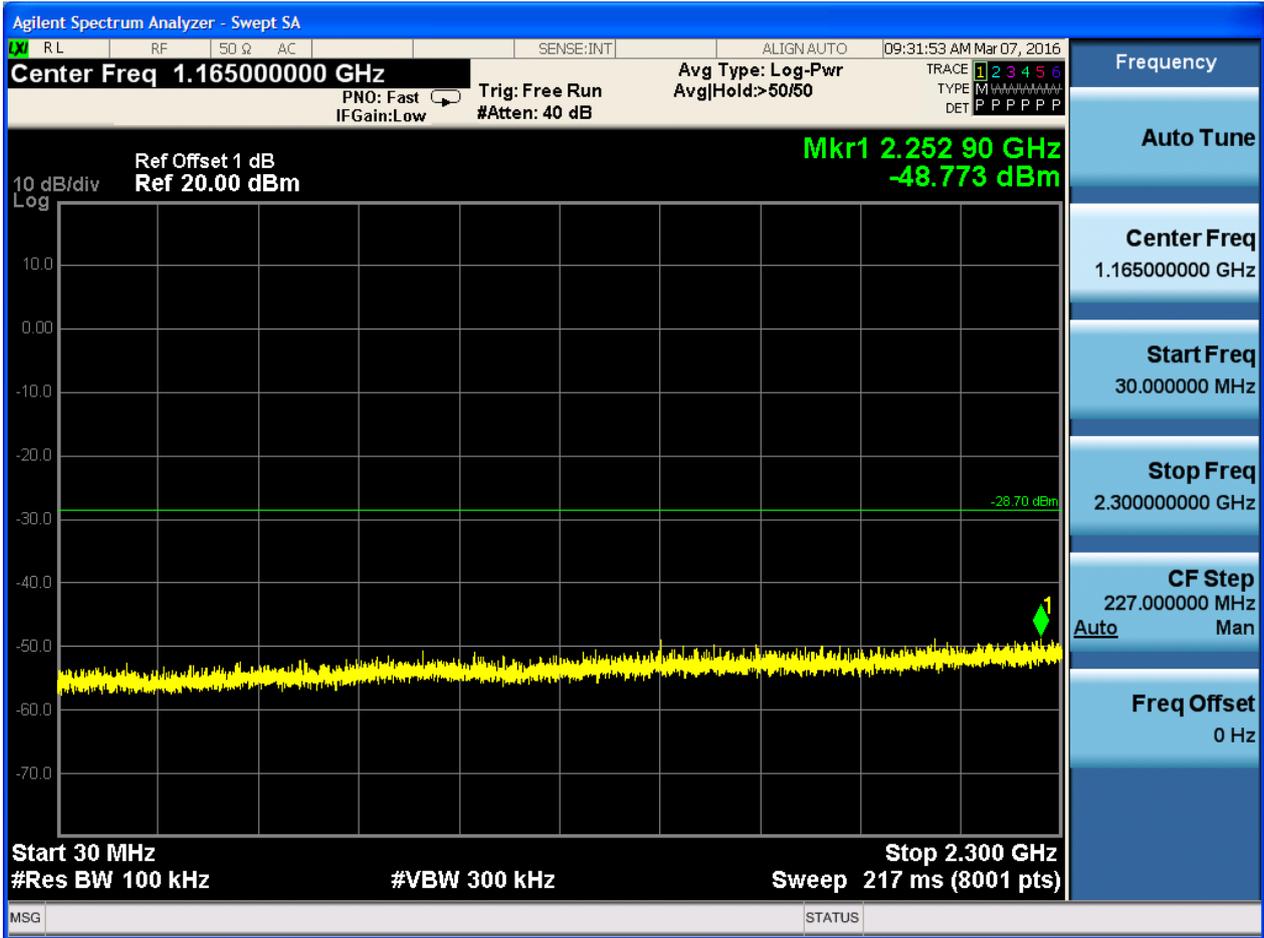


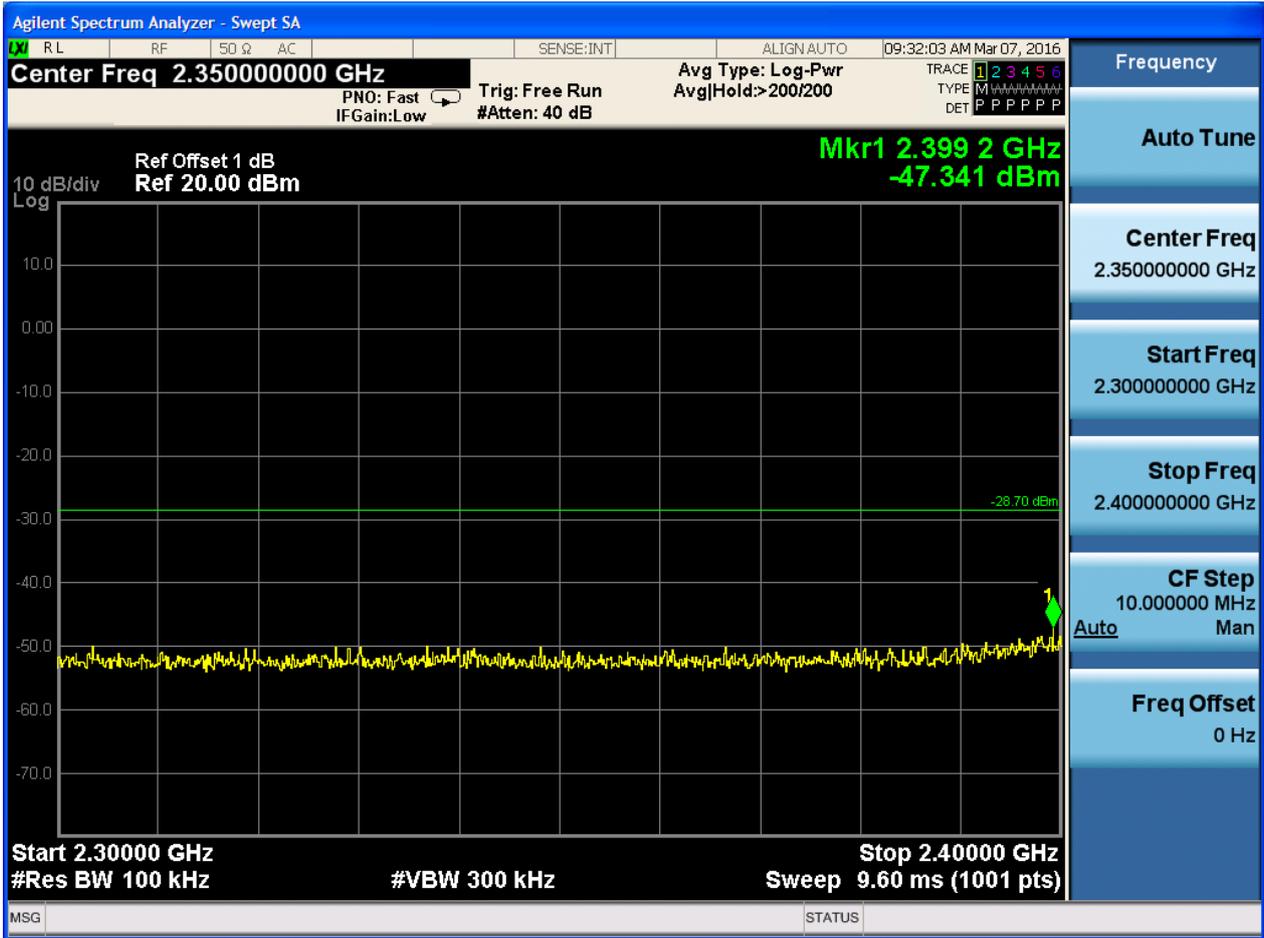


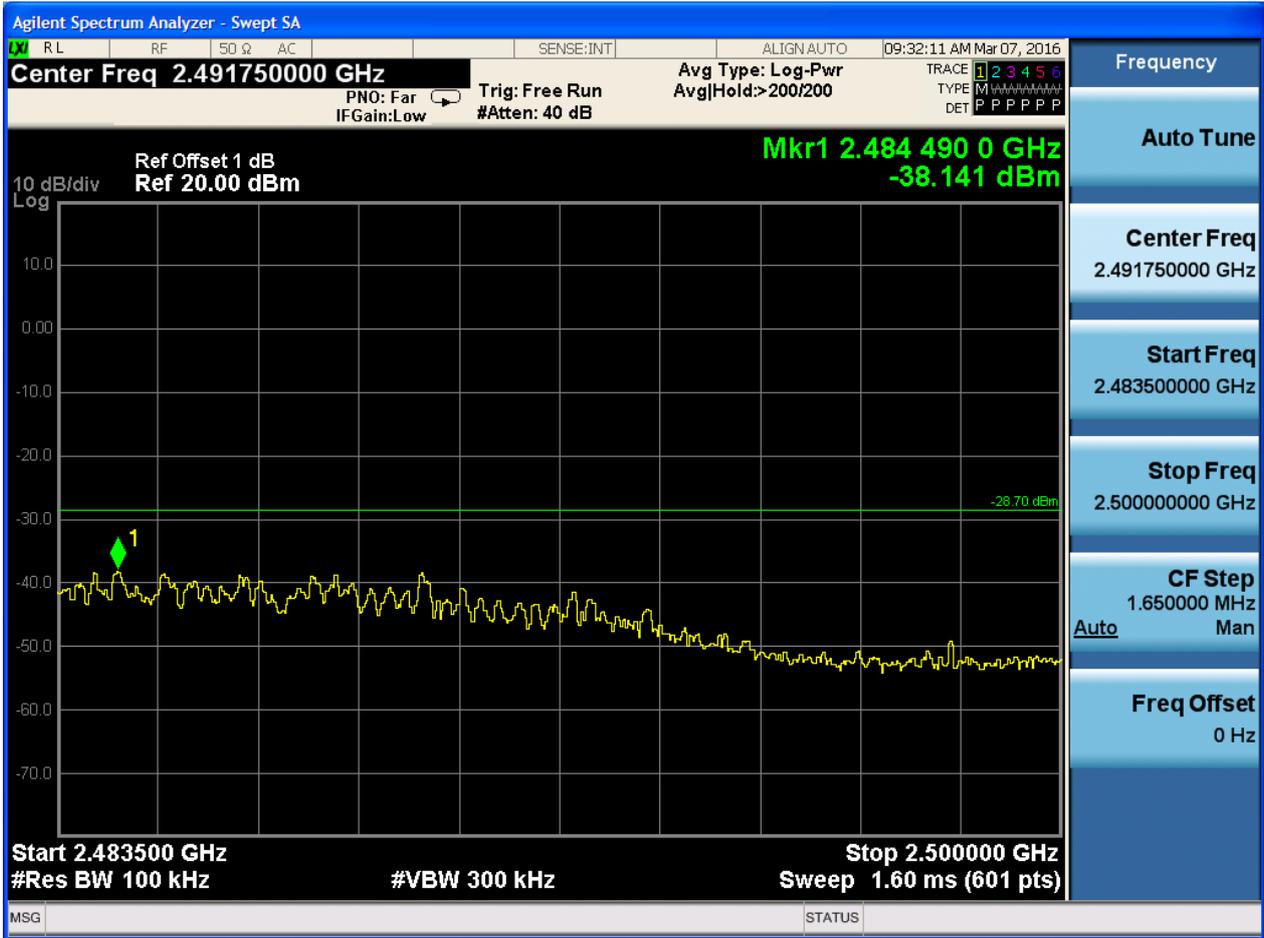
Puw:















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

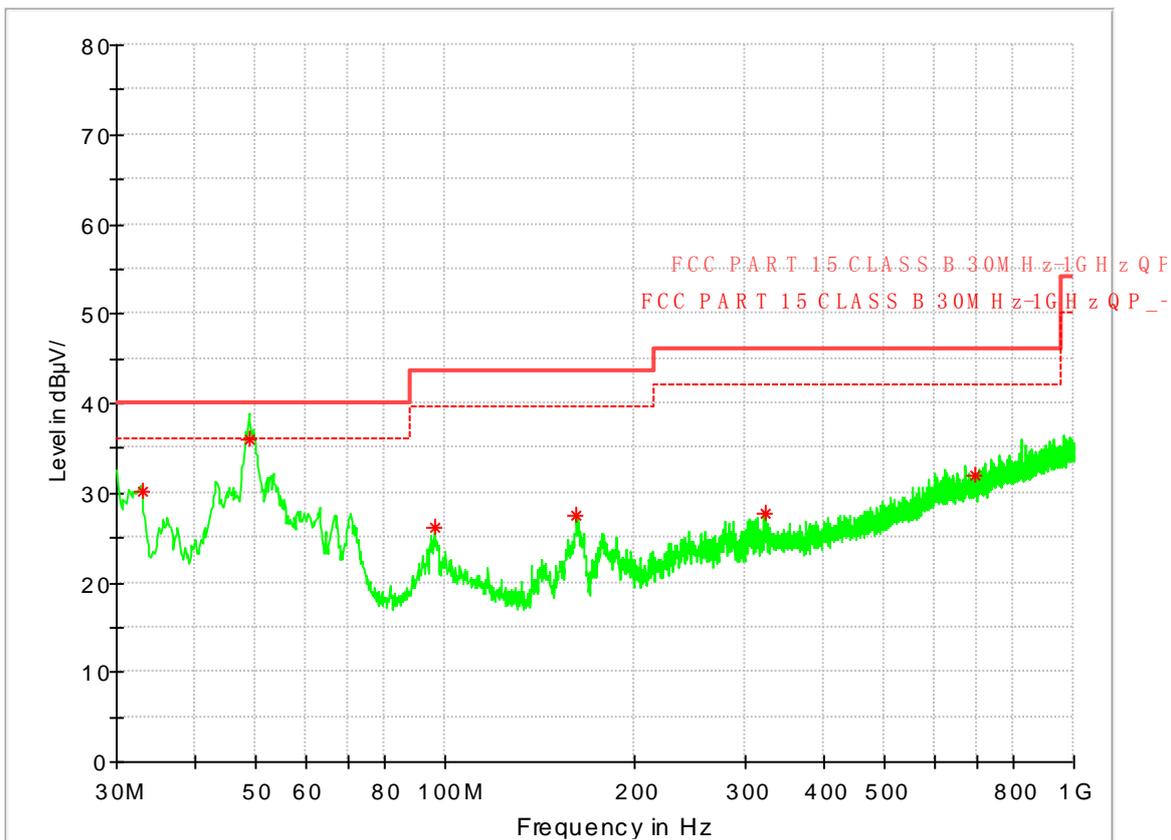
7.1 Part 1: Testing Range of “9 kHz to 30MHz”

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).





Final Result 1

Frequency (MHz)	QuasiPeak	Average (dB μ V/m)	Limit (dB μ)	Margin (dB)	Height (cm)	Pol	Azimuth	Corr. (dB)
32.910000	30.26	---	40.00	-9.74	100.0	V	88.0	14.8
48.818000	35.94	---	40.00	-4.06	100.0	V	319.0	15.1
95.960000	26.23	---	43.50	-17.27	100.0	V	2.0	13.2
161.72600	27.38	---	43.50	-16.12	100.0	V	50.0	10.5
323.91000	27.81	---	46.00	-18.19	100.0	H	136.0	16.1
698.33000	31.95	---	46.00	-14.05	100.0	V	0.0	22.8

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.

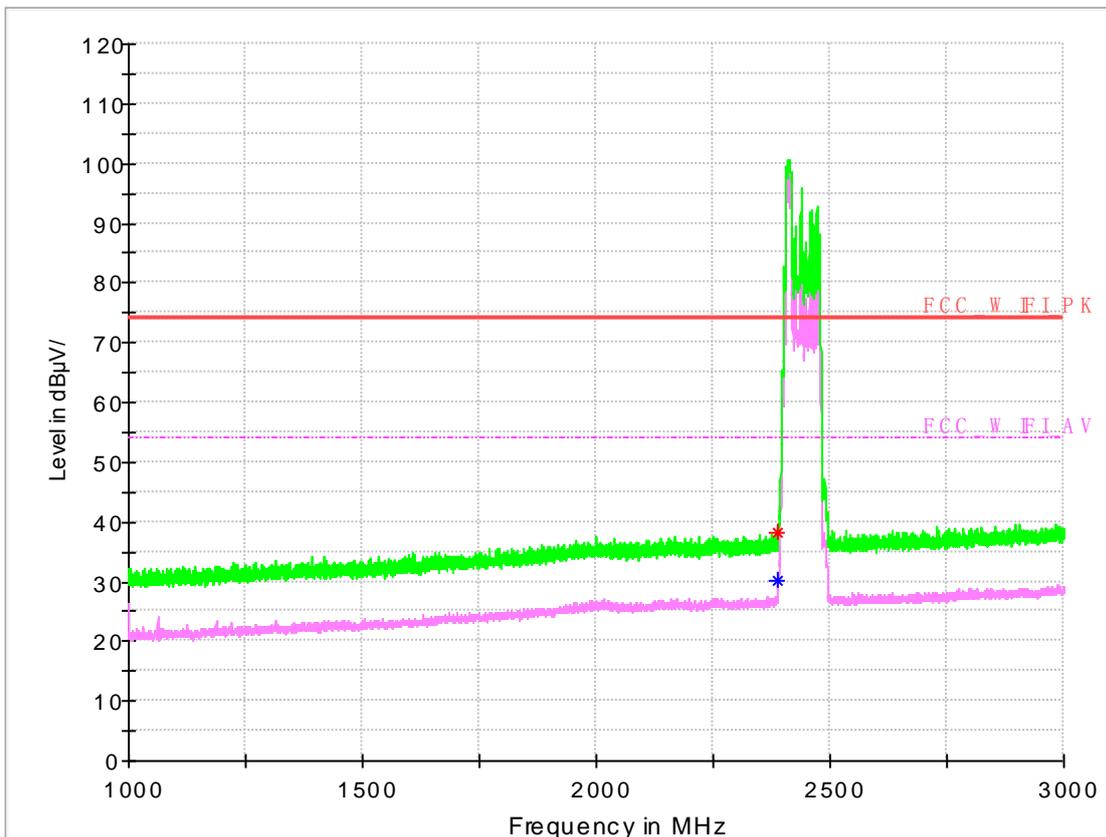
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

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

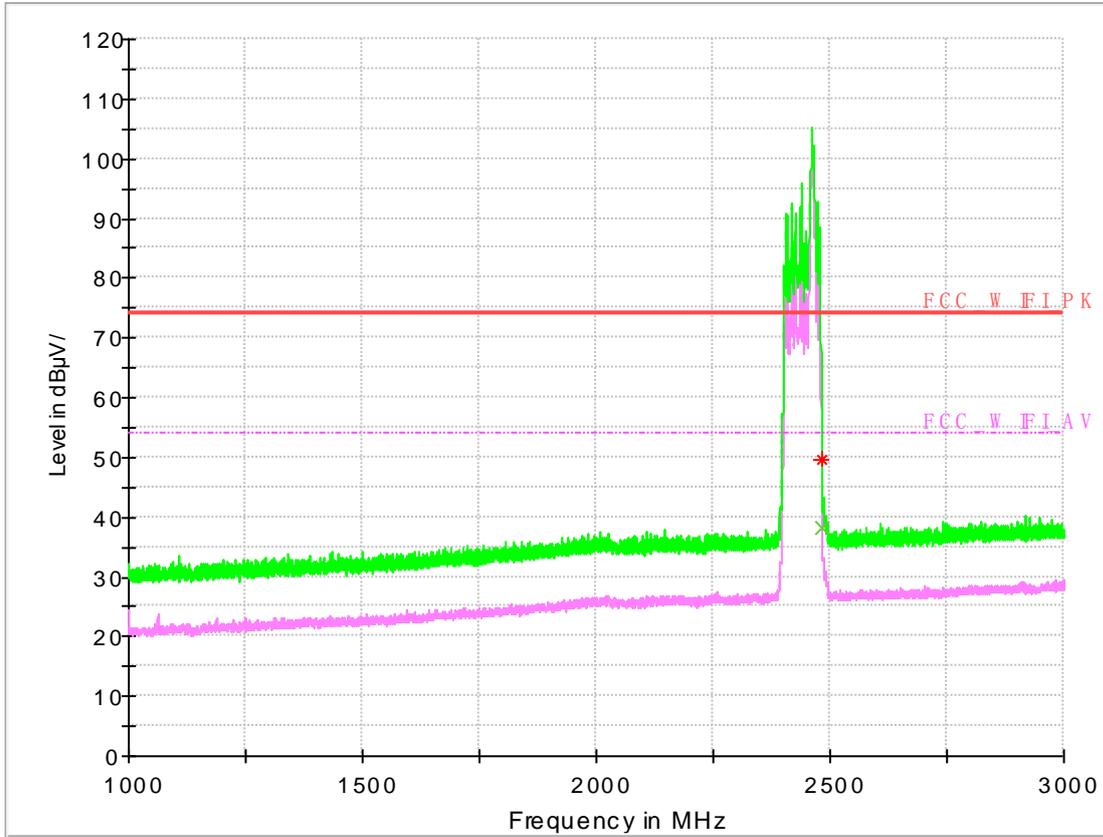




Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBμV/)	Limit (dBμV/)	Margin	Height (cm)	Pol	Azimuth	Corr.
2390.000000	---	30.10	54.00	-23.90	100.0	H	115.0	-7.8
2390.000000	38.33	---	74.00	-35.67	100.0	H	115.0	-7.8

7.4.1.2 Channel 11

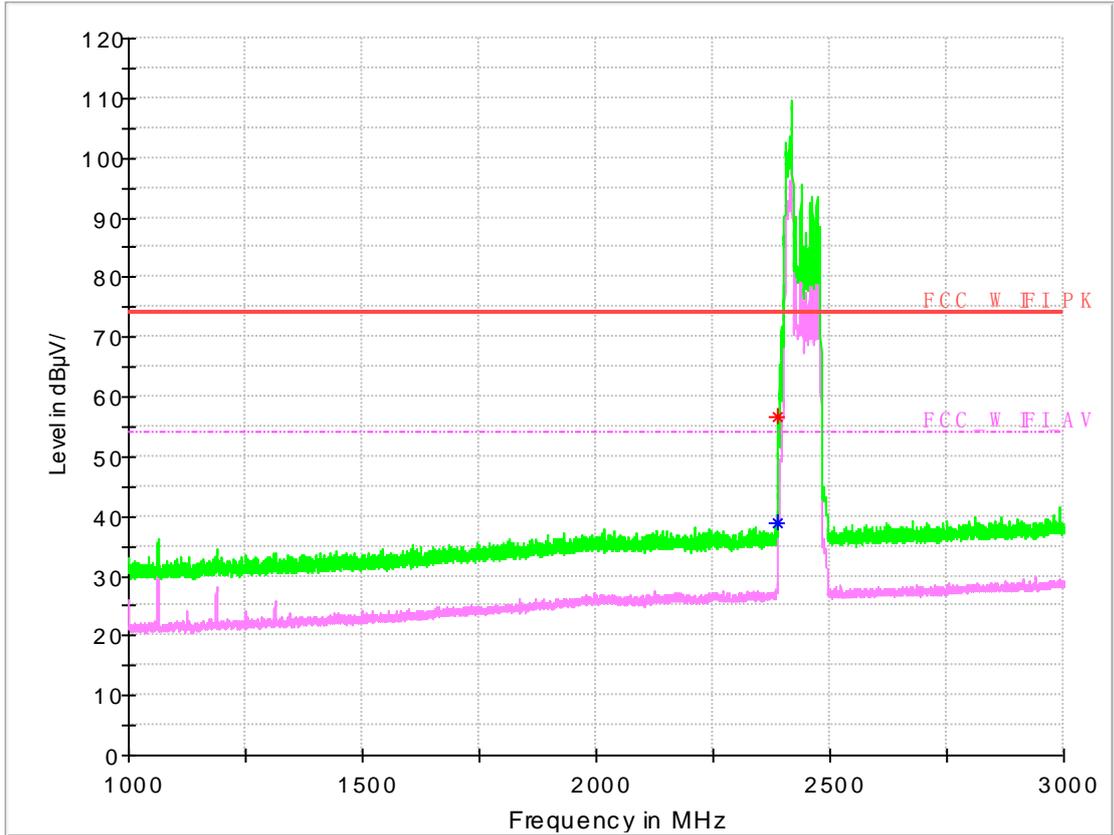


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBµV)	Limit (dBµV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	38.20	54.00	-15.80	117.0	H	188.0	4.7
2483.500000	49.71	---	74.00	-24.29	200.0	H	253.0	3.4

7.4.1 Test Mode: 11G

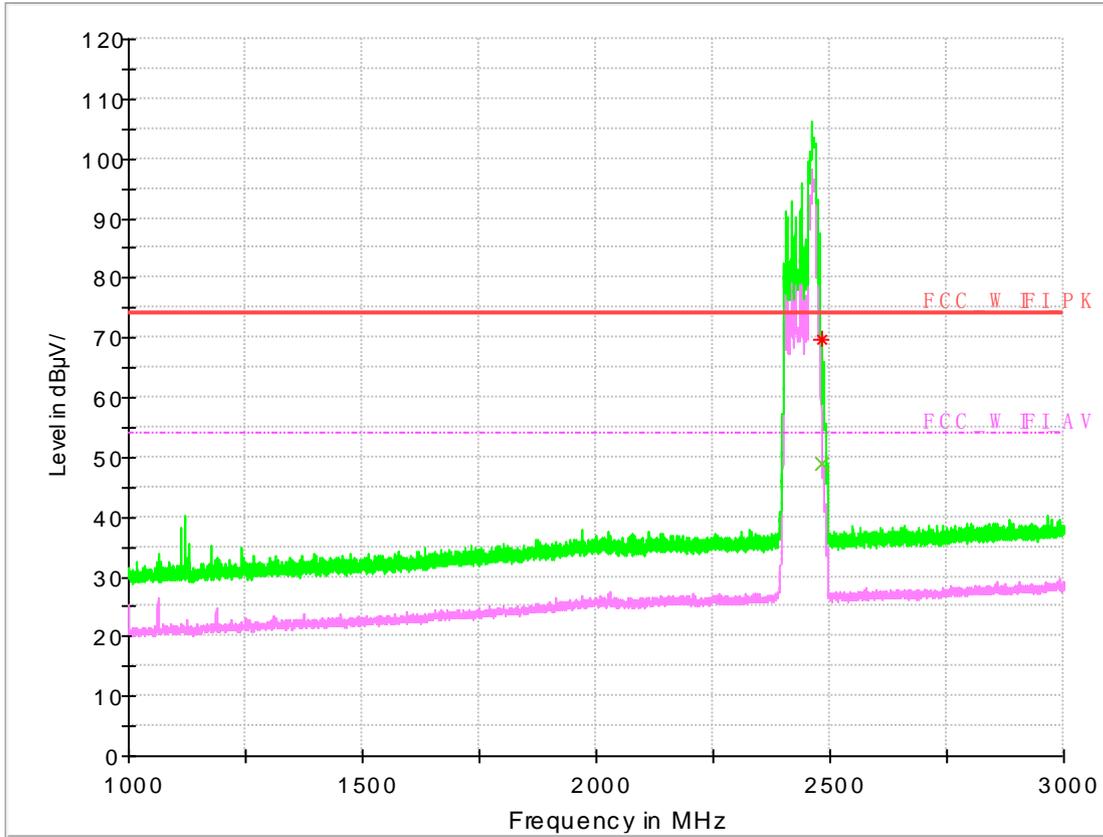
7.4.1.1 Channel 1



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	---	39.01	54.00	-14.99	100.0	H	235.0	-7.8
2390.000000	56.78	---	74.00	-17.22	100.0	H	235.0	-7.8

7.4.1.2 Channel 11

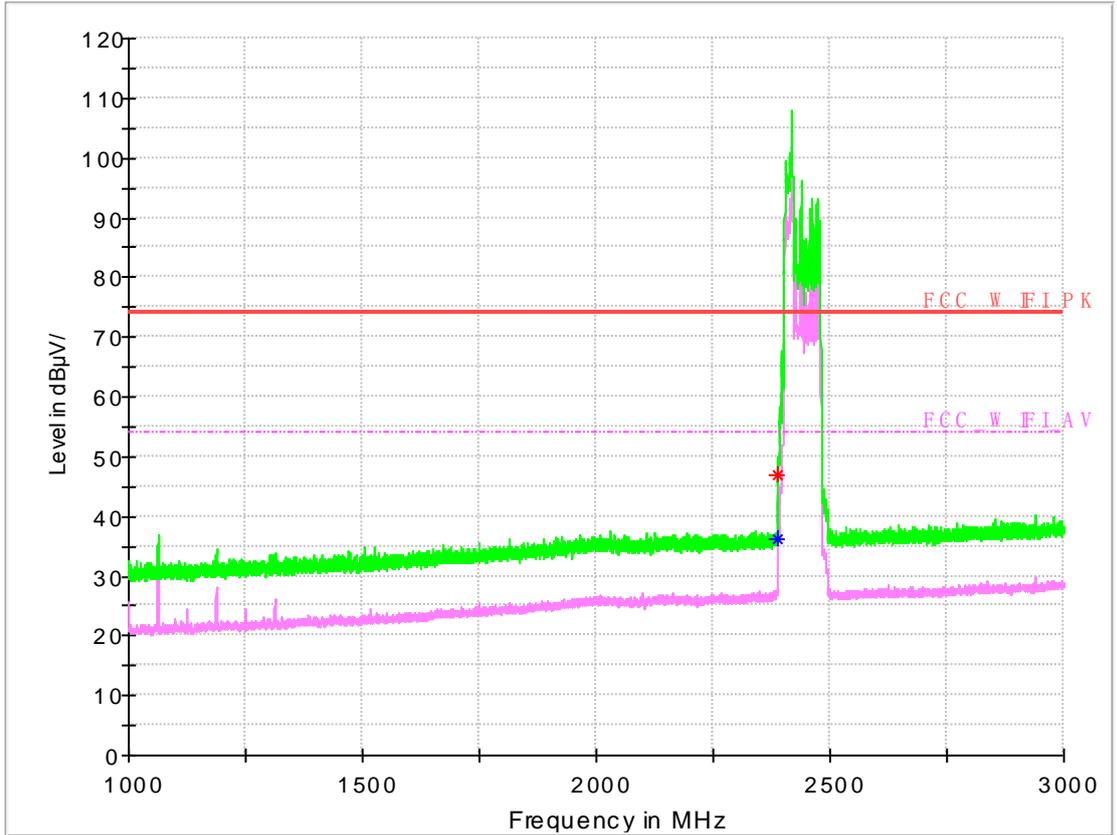


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBµV)	Limit (dBµV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	48.87	54.00	-5.13	117.0	H	182.0	-1.5
2483.500000	69.77	---	74.00	-4.23	117.0	H	192.0	-4.8

7.4.1 Test Mode: 11N20

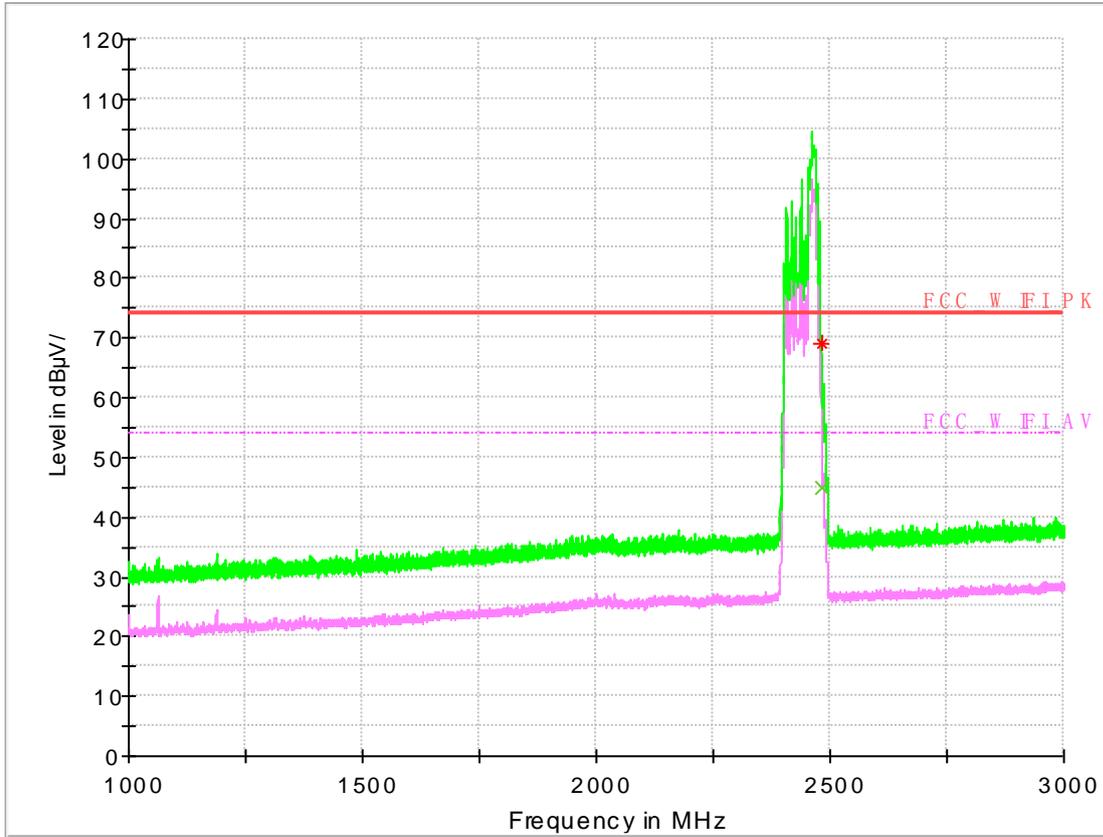
7.4.1.1 Channel 1



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	---	36.36	54.00	-17.64	100.0	H	201.0	-7.8
2390.000000	46.89	---	74.00	-27.11	100.0	H	201.0	-7.8

7.4.1.2 Channel 11

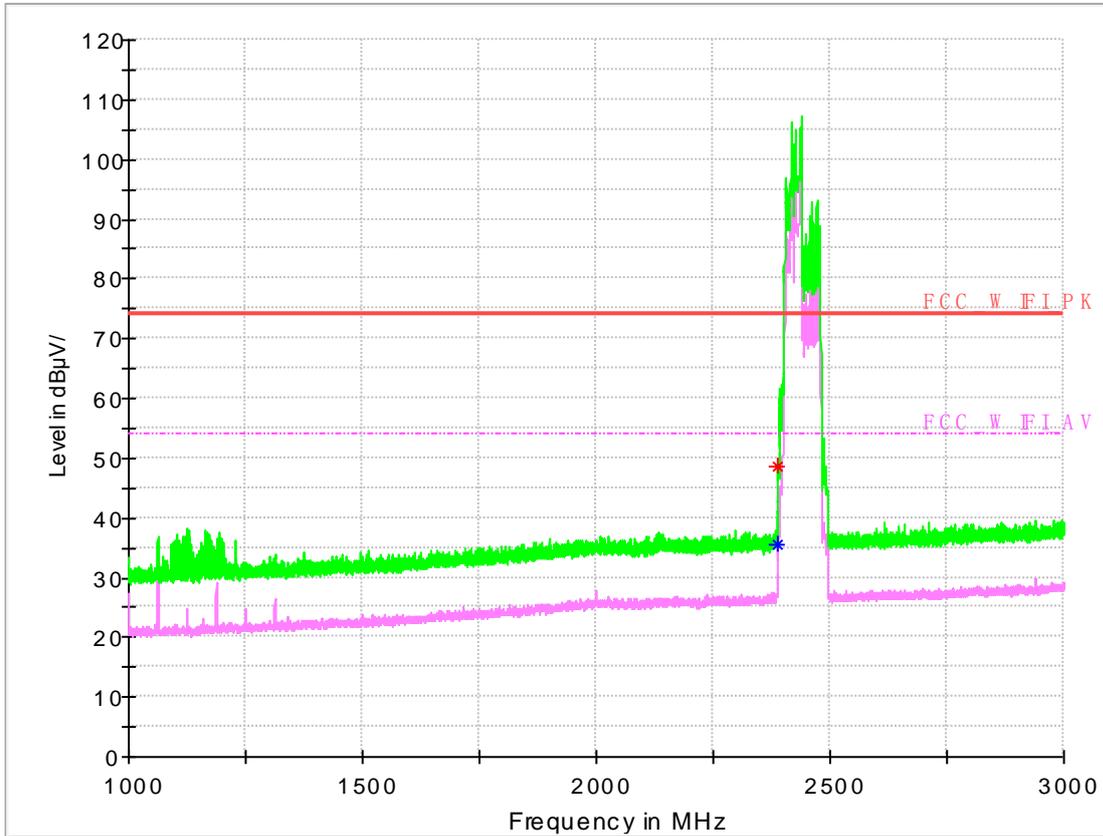


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBµV)	Limit (dBµV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	44.87	54.00	-9.13	100.0	H	276.0	-0.4
2483.500000	69.06	---	74.00	-4.94	117.0	H	280.0	-0.4

7.4.1 Test Mode: 11N40

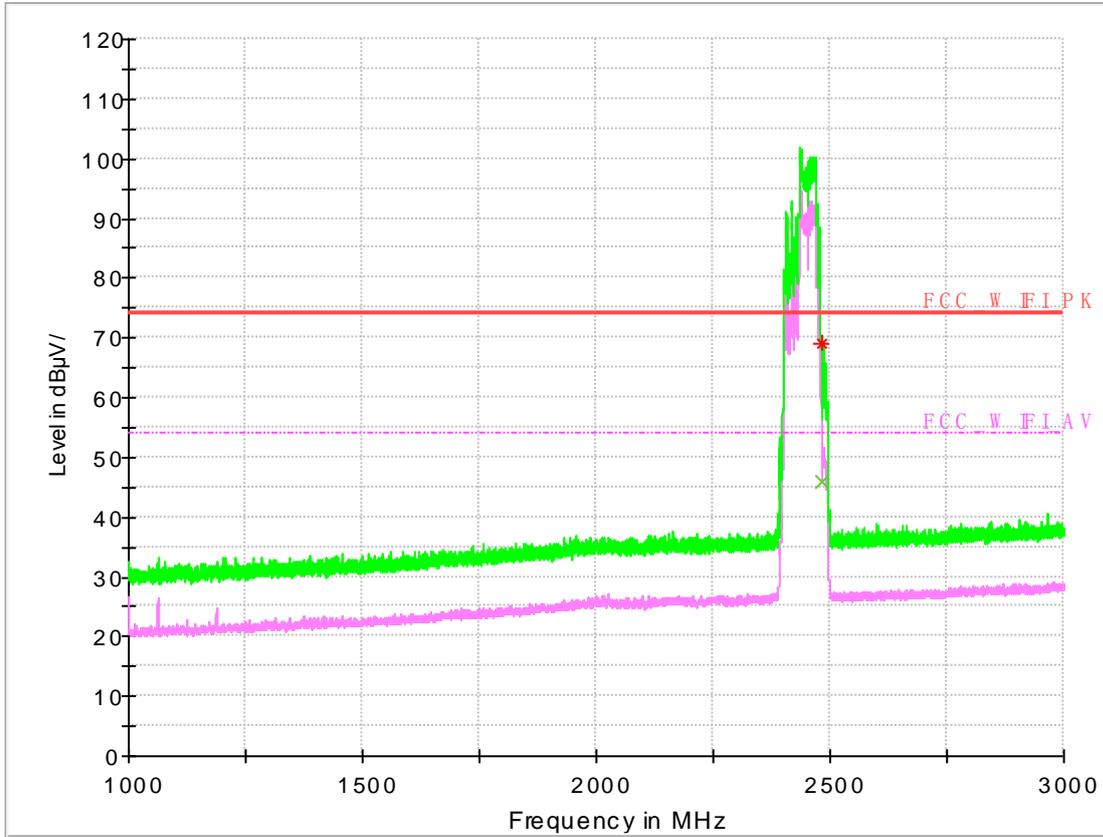
7.4.1.1 Channel 3



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	---	35.52	54.00	-18.48	100.0	H	202.0	-7.8
2390.000000	48.47	---	74.00	-25.53	100.0	H	202.0	-7.8

7.4.1.2 Channel 9

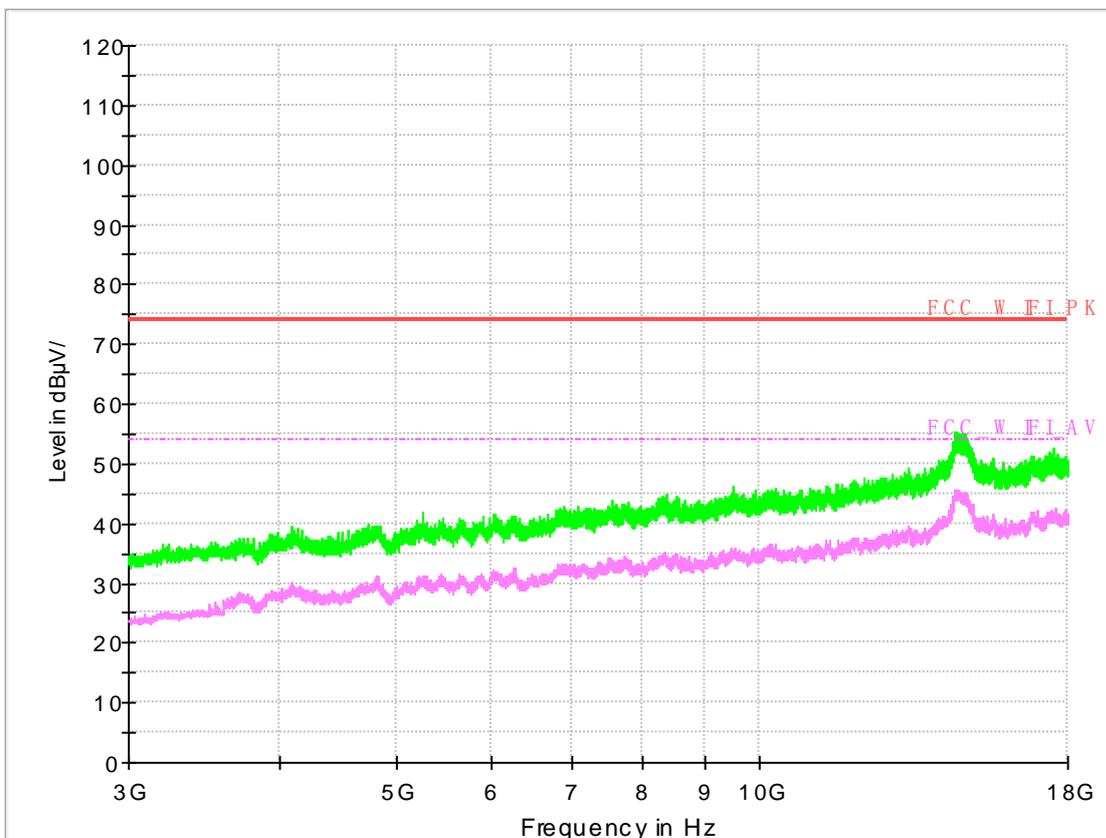


Note: The peak exceeds the limit line is carrier frequency.

Frequency (MHz)	MaxPeak	Average (dBµV)	Limit (dBµV)	Margin	Height (cm)	Pol	Azimuth	Corr.
2483.500000	---	45.80	54.00	-8.20	117.0	H	271.0	-0.4
2483.500000	69.15	---	74.00	-4.85	123.0	H	273.0	-0.4

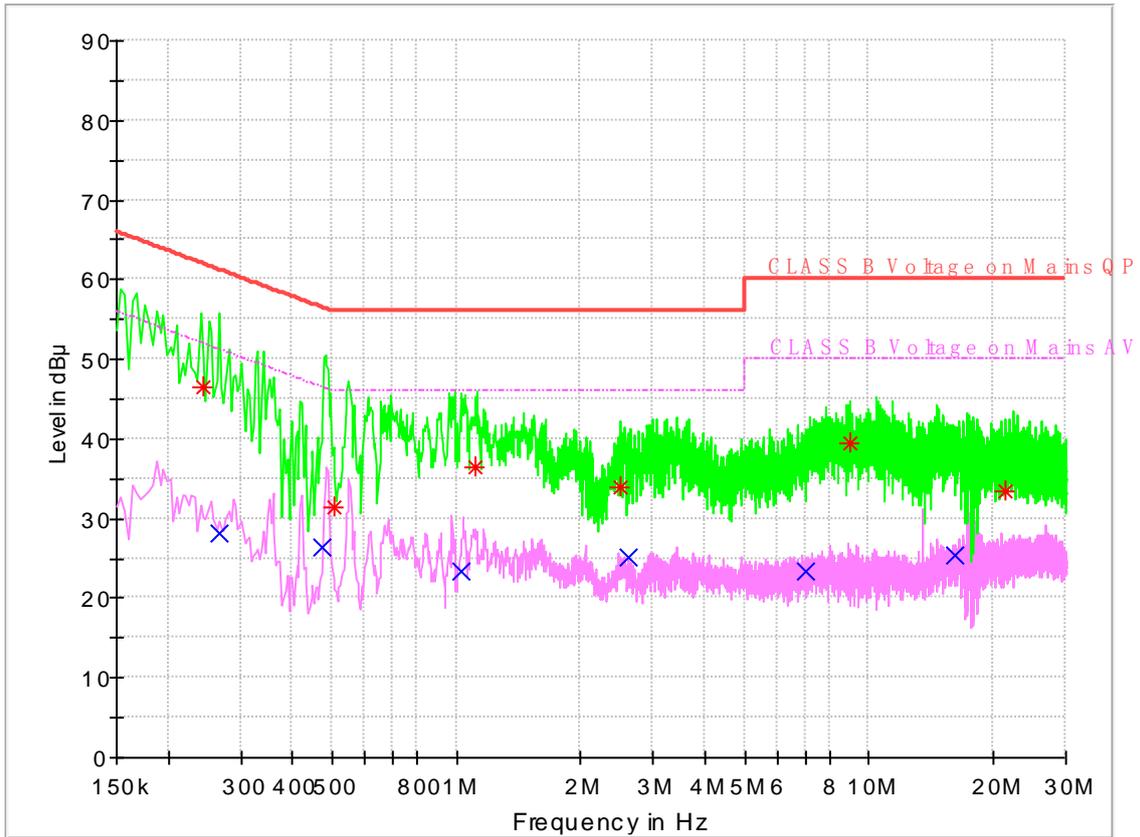
7.5Part 5: Testing Range of “3 GHz to 18 GHz”

- 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 dB μ V/m) and Average Limit (54 dB μ V/m).



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.
0.243610	46.42	---	61.97	-15.56	N	ON	9.7
0.266712	---	28.09	51.22	-23.13	N	ON	9.7
0.470280	---	26.33	46.51	-20.18	N	ON	9.7
0.507650	31.30	---	56.00	-24.70	L1	ON	9.7
1.025267	---	23.39	46.00	-22.61	N	ON	9.7
1.107266	36.36	---	56.00	-19.64	N	ON	9.7
2.495754	33.84	---	56.00	-22.16	N	ON	9.7
2.619806	---	25.24	46.00	-20.76	N	ON	9.7
7.035256	---	23.32	50.00	-26.68	N	ON	9.9
9.043124	39.48	---	60.00	-20.52	N	ON	9.9
16.142914	---	25.46	50.00	-24.54	N	ON	10.1
21.506181	33.36	---	60.00	-26.64	N	ON	10.2

END