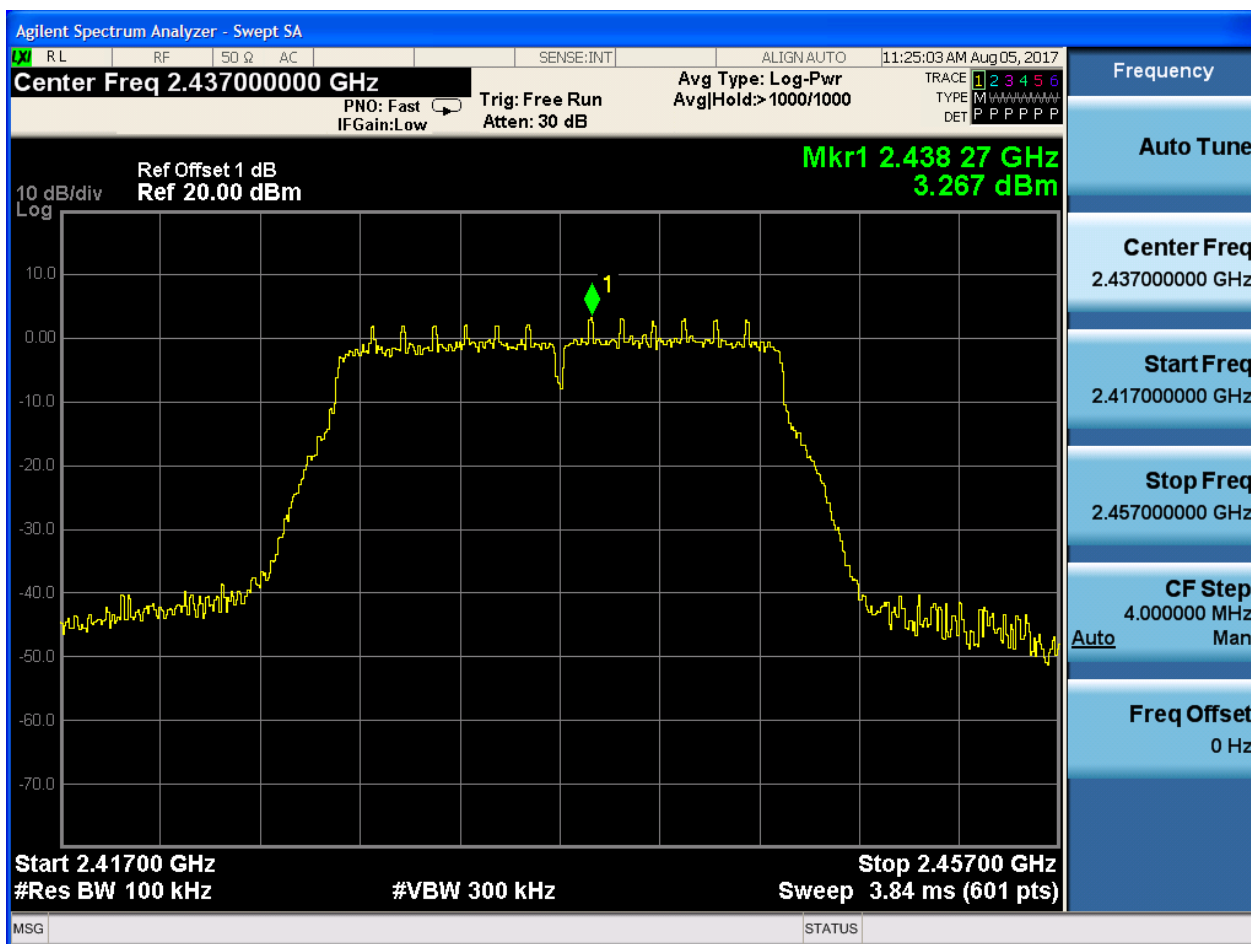




2.15 11N20_M@Ant 1

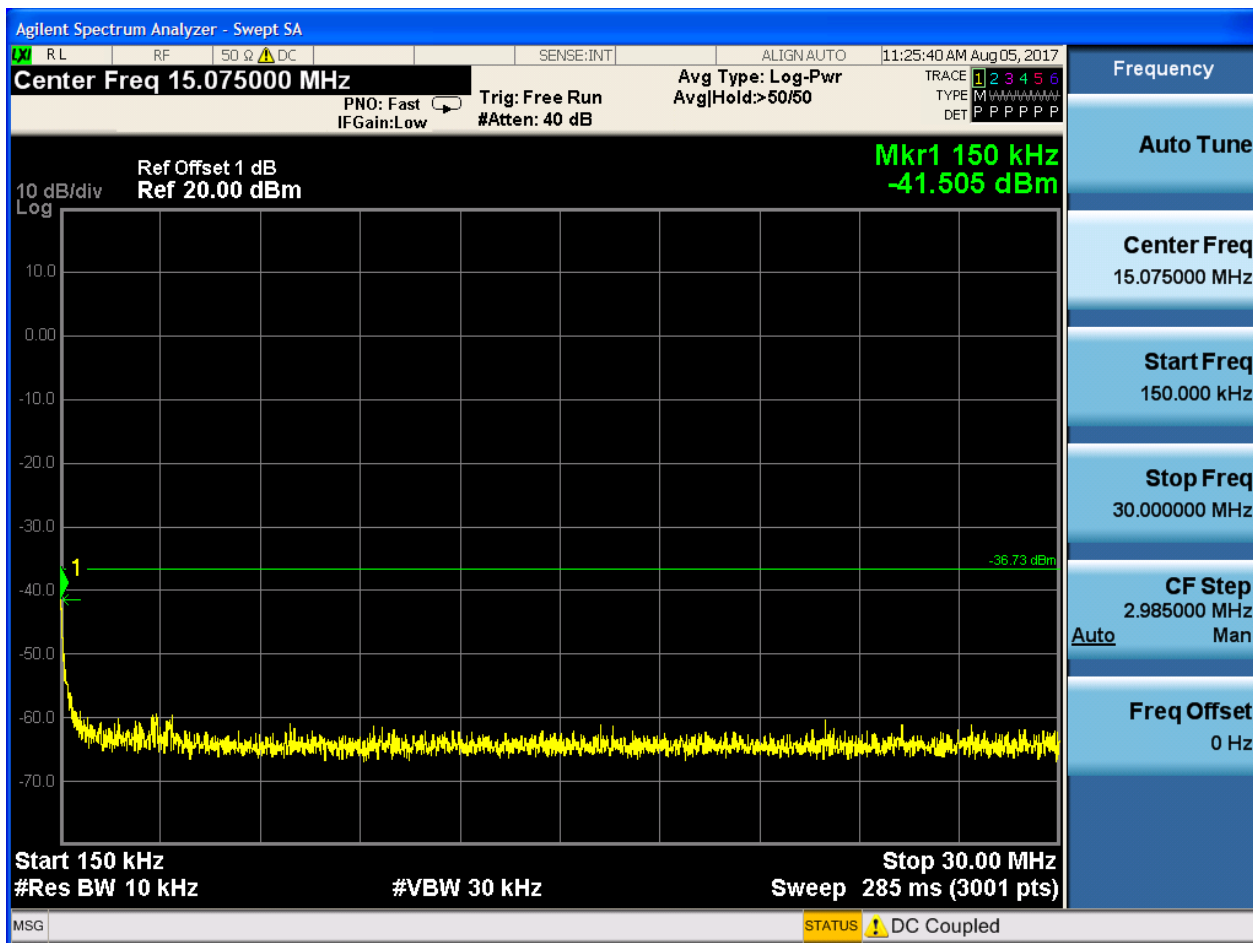
Pref:

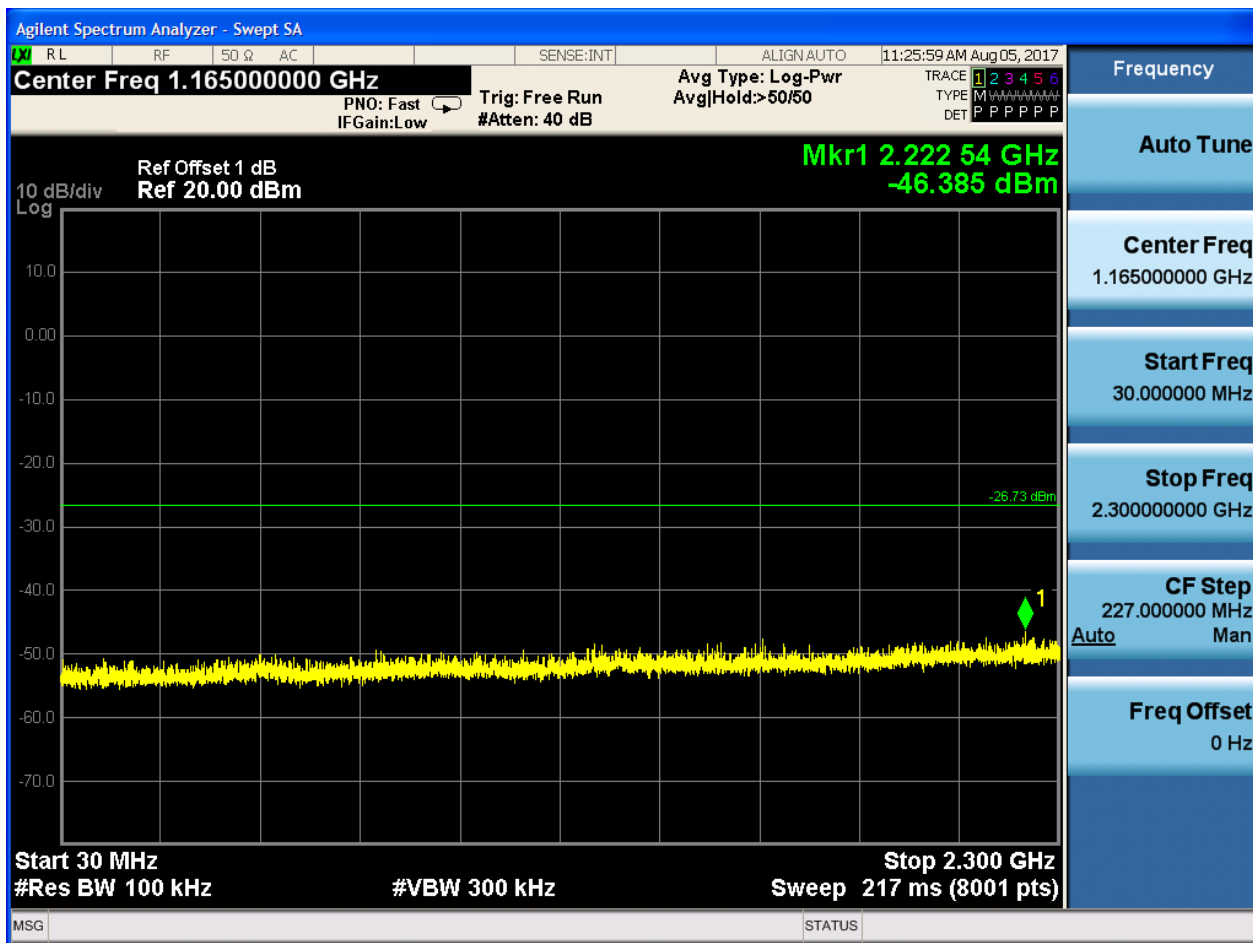


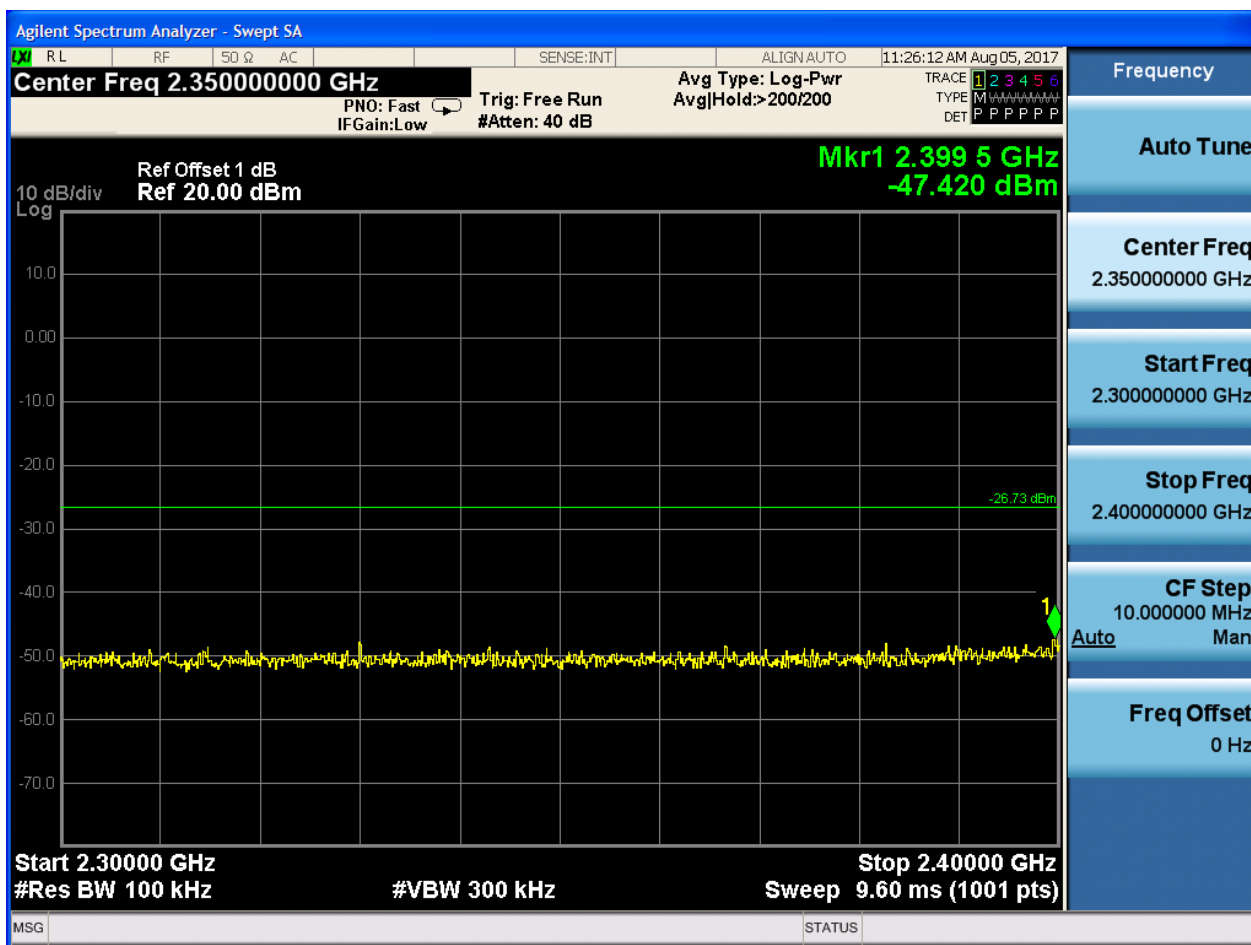


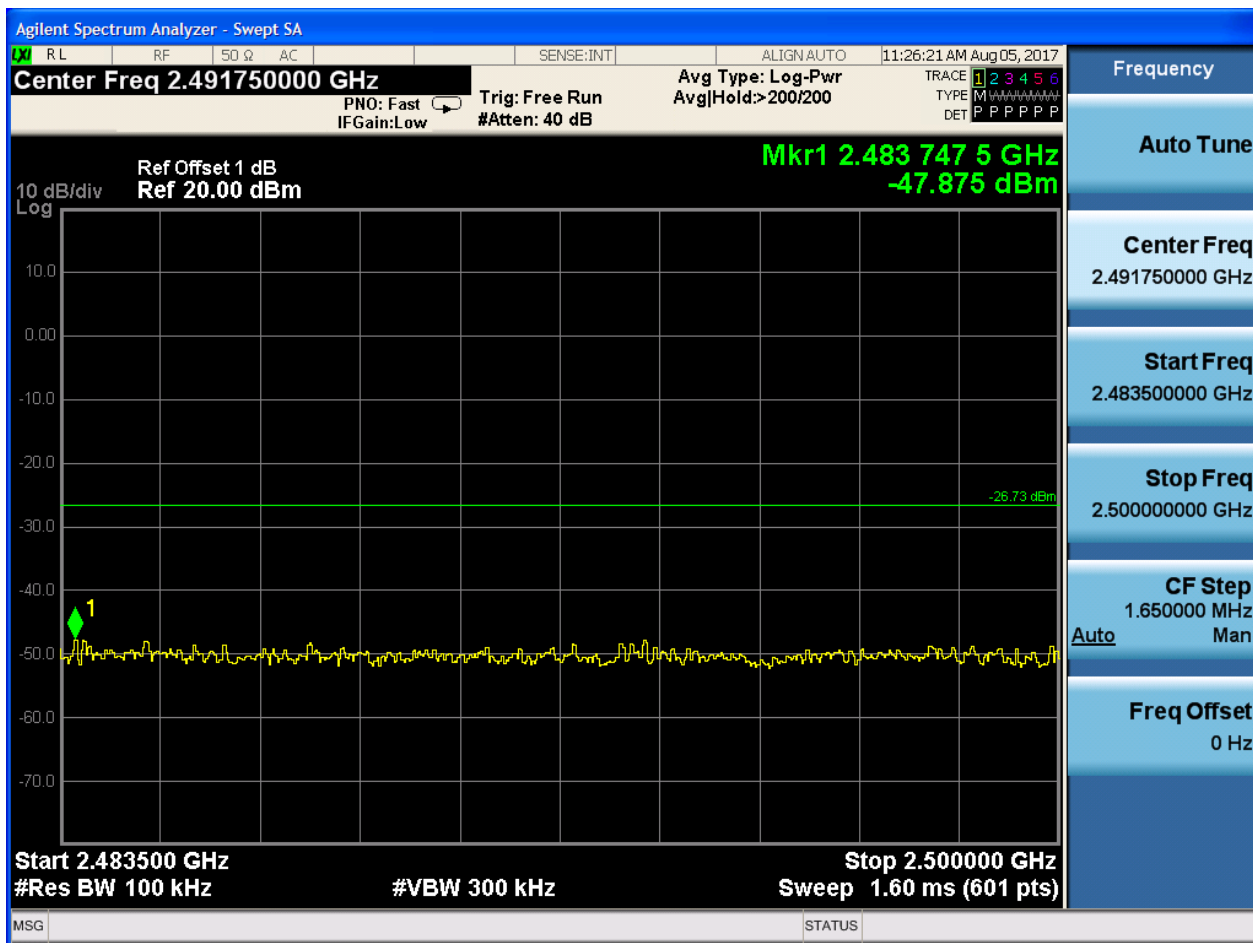
Puw:

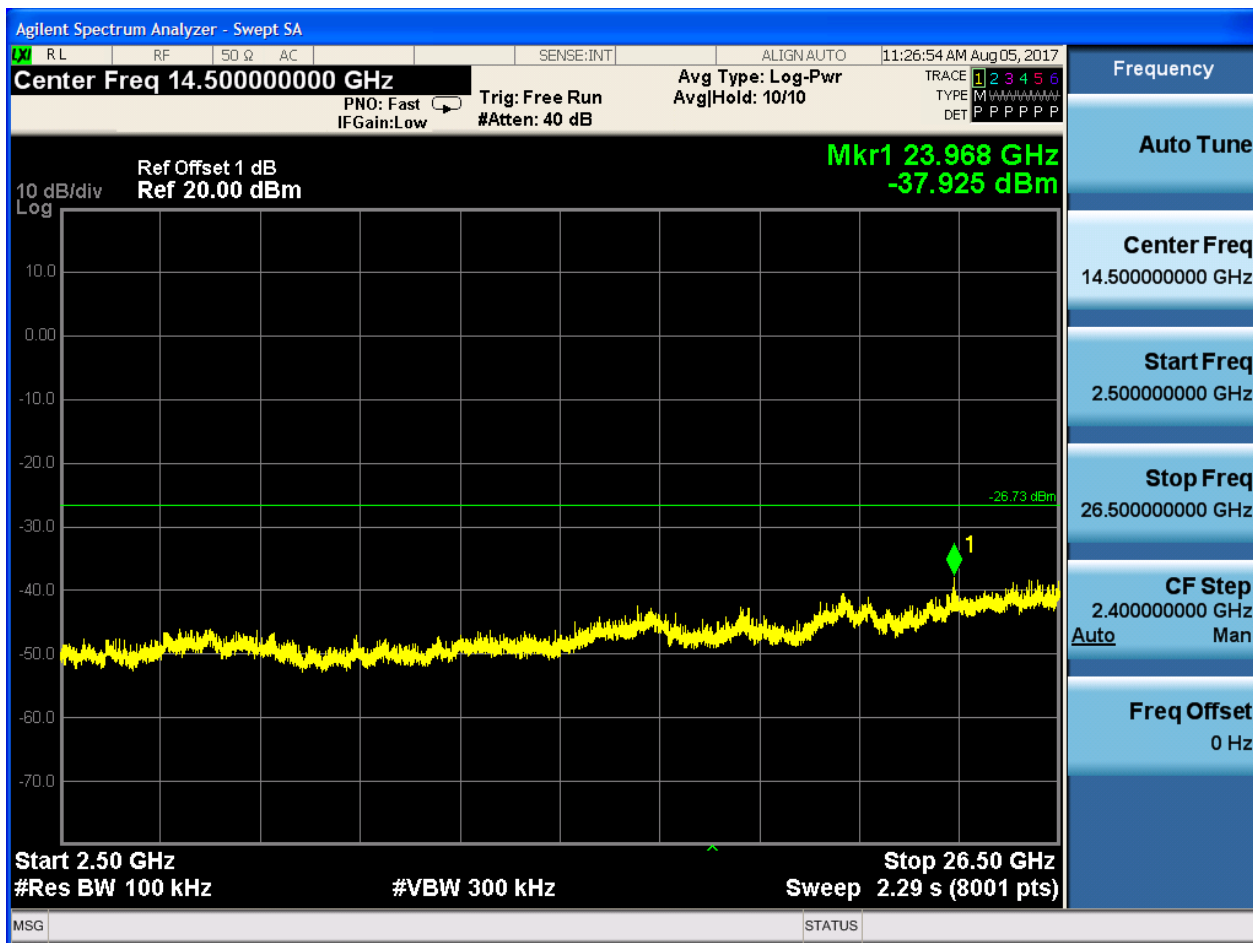








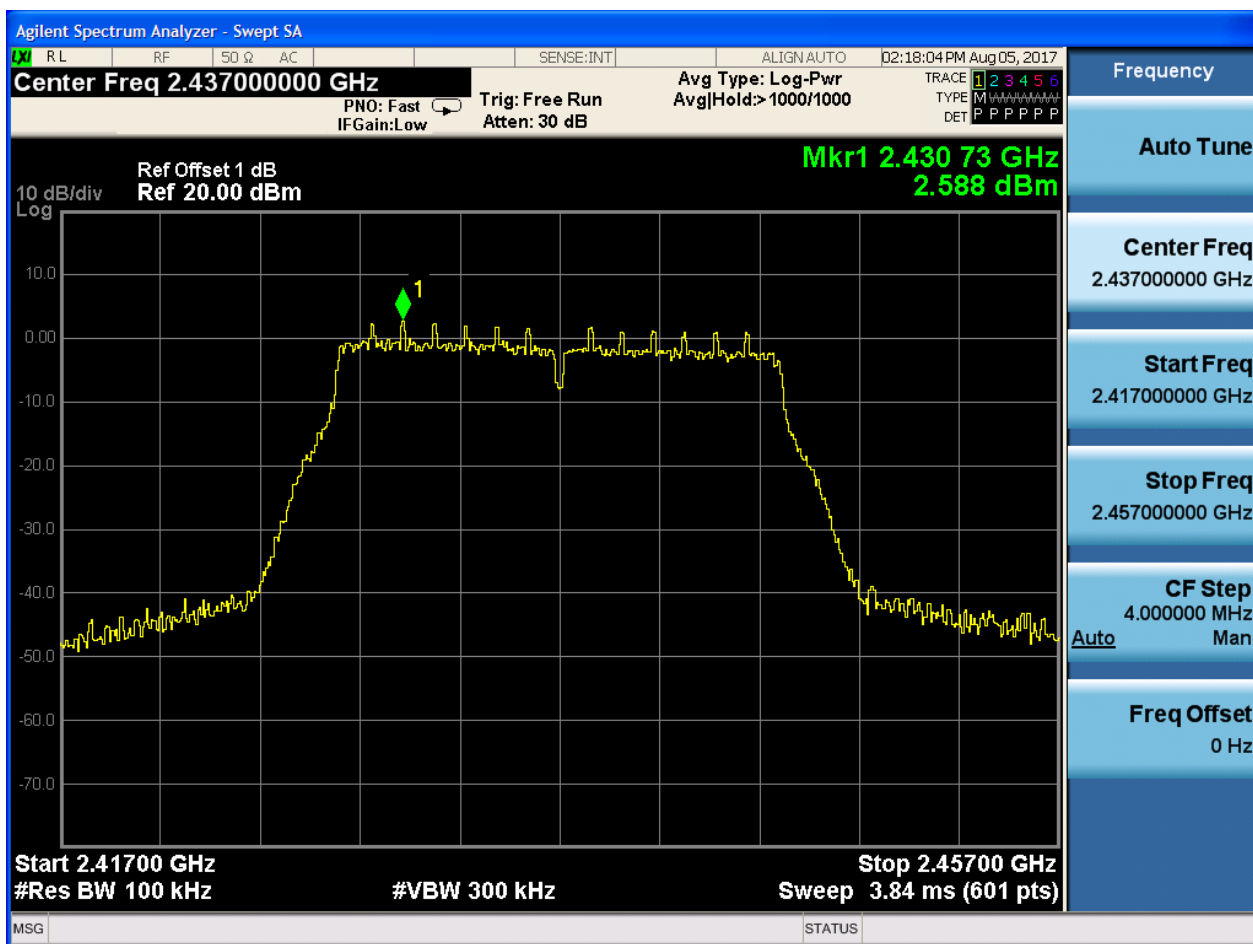






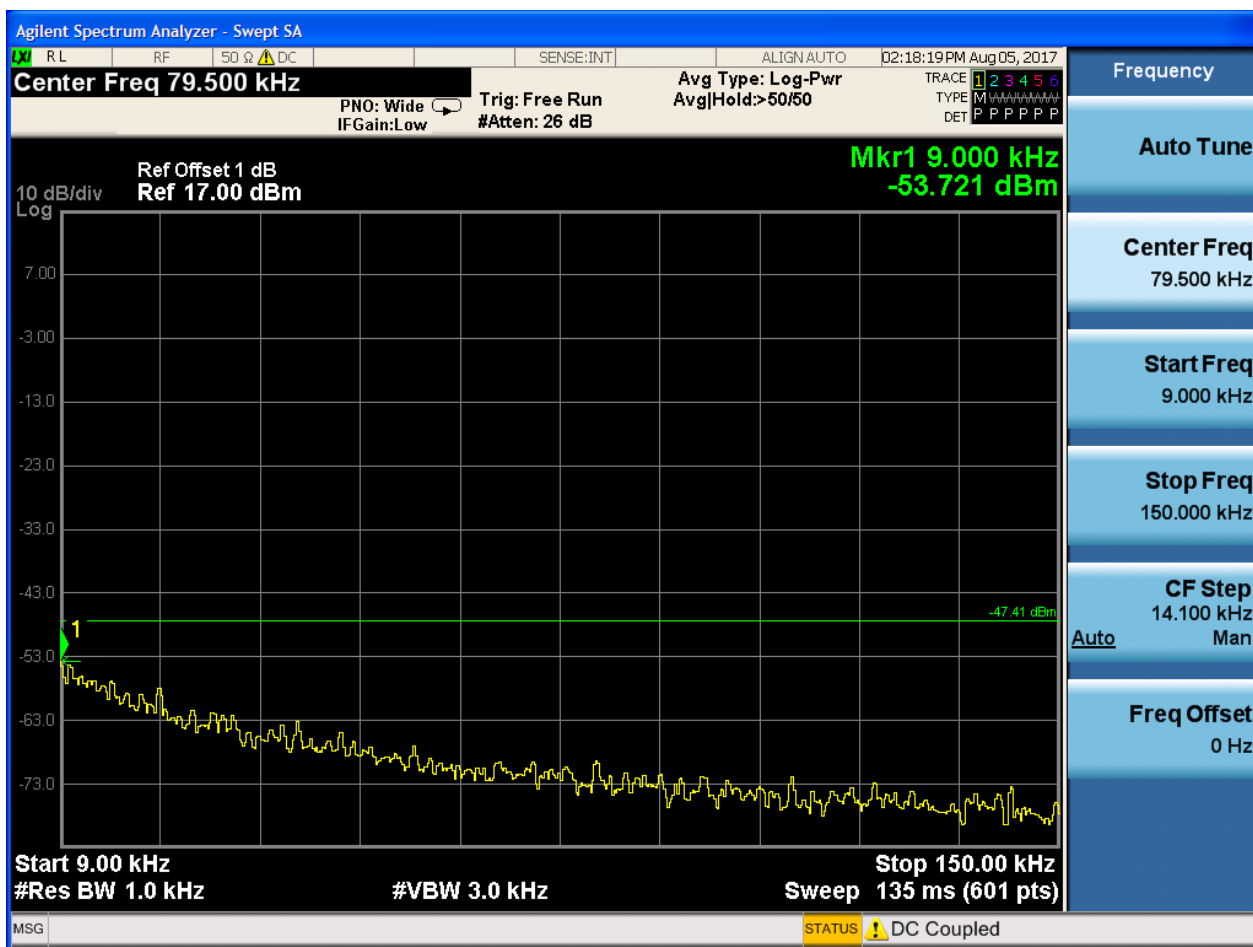
2.16 11N20_M@Ant 2

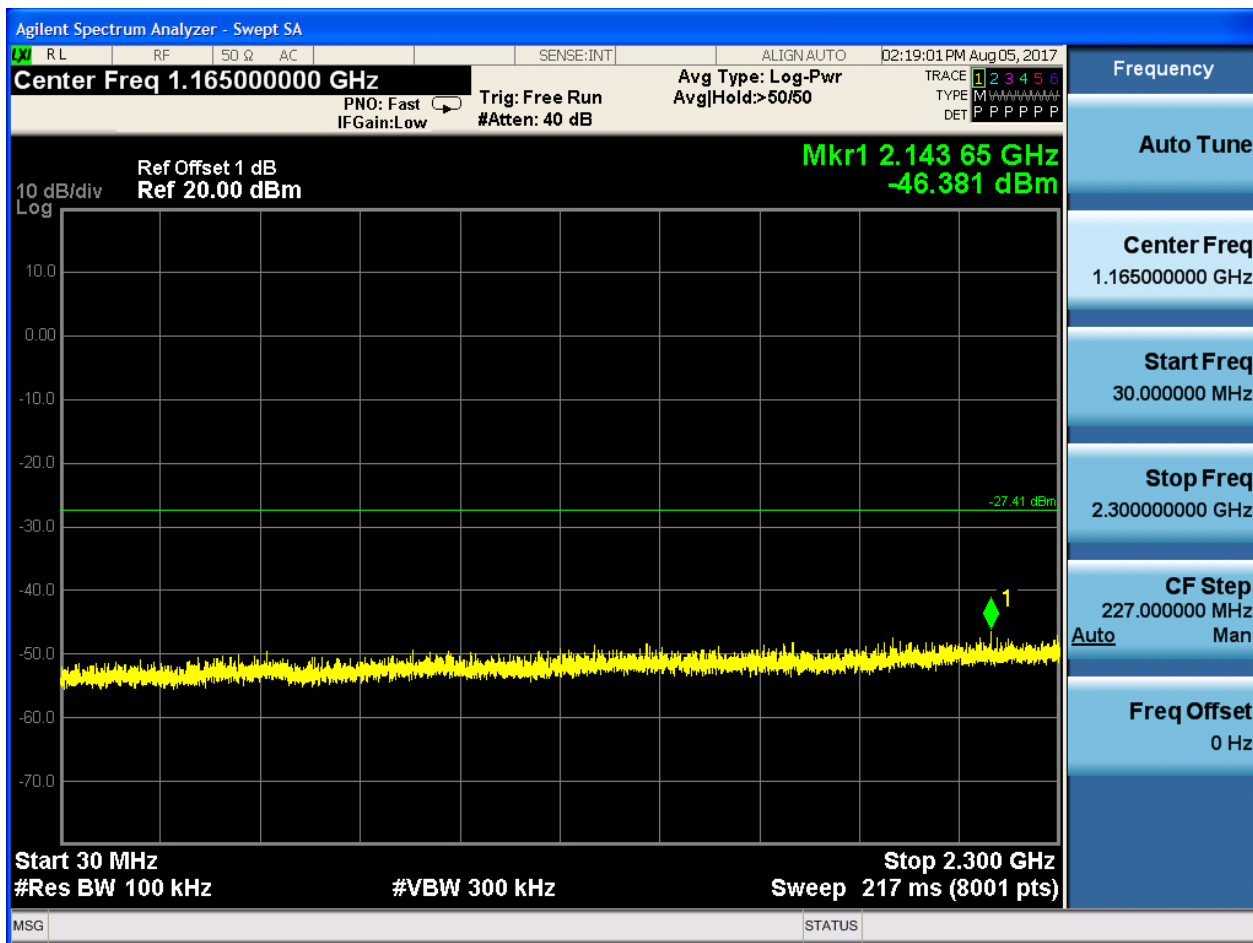
Pref:

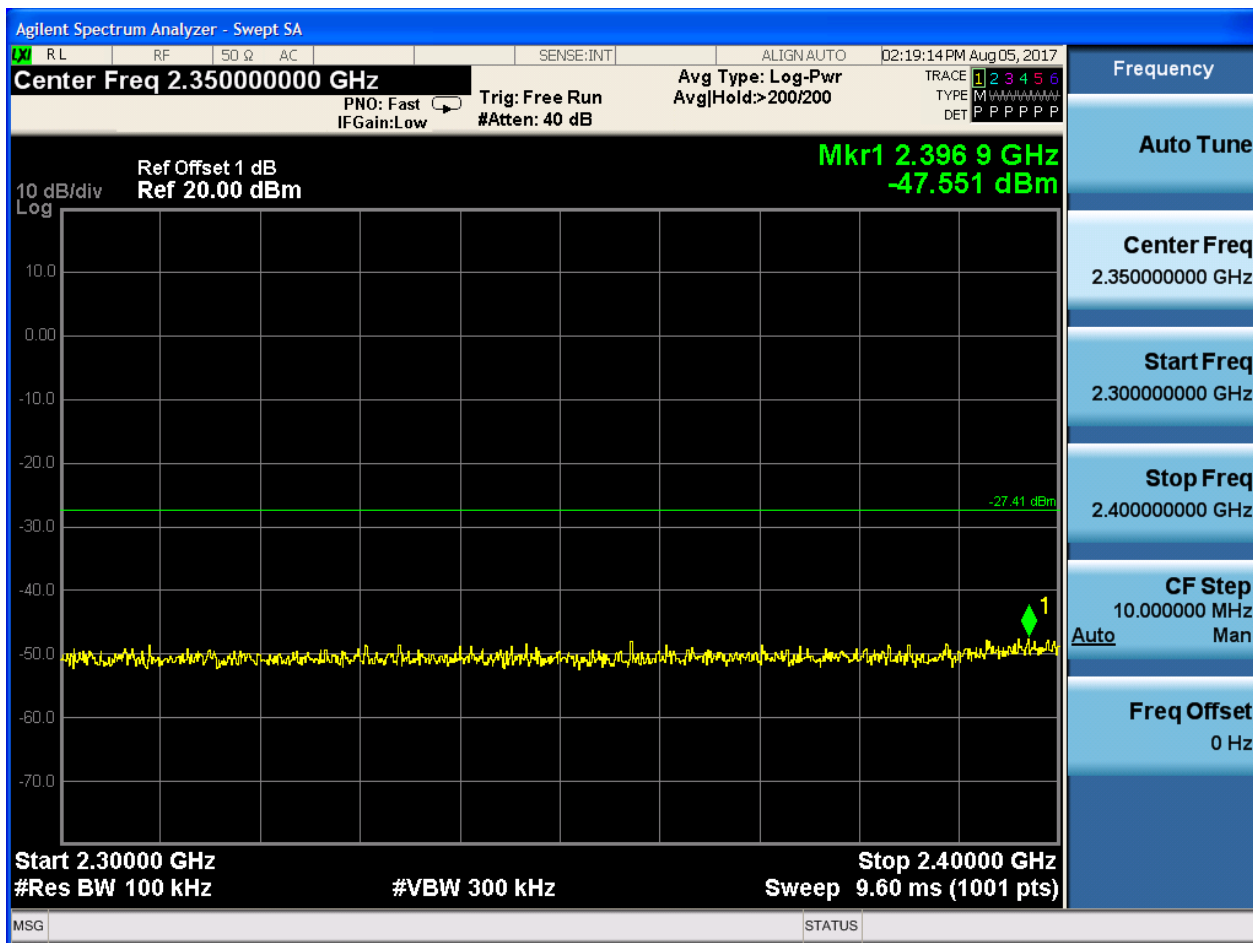


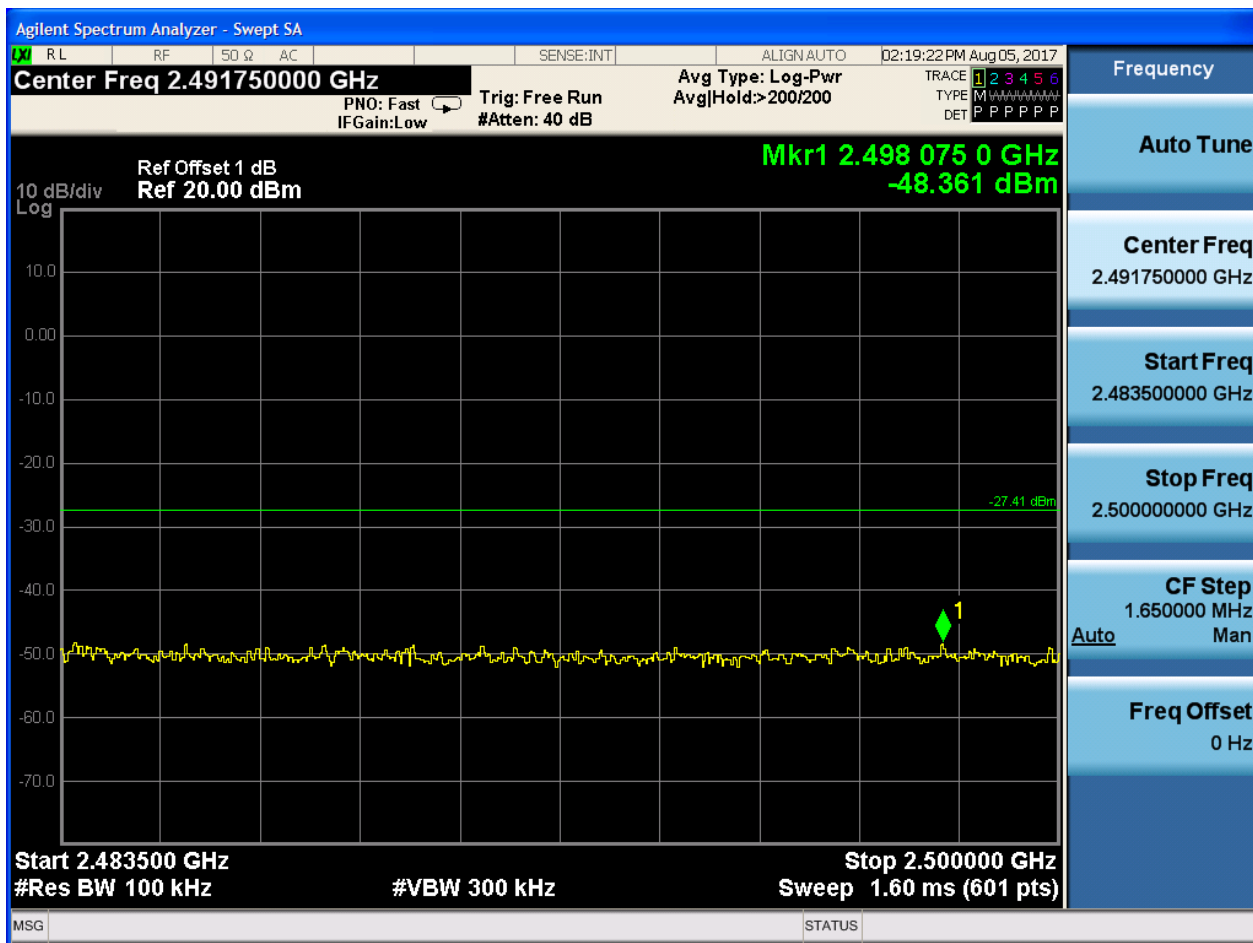


Puw:







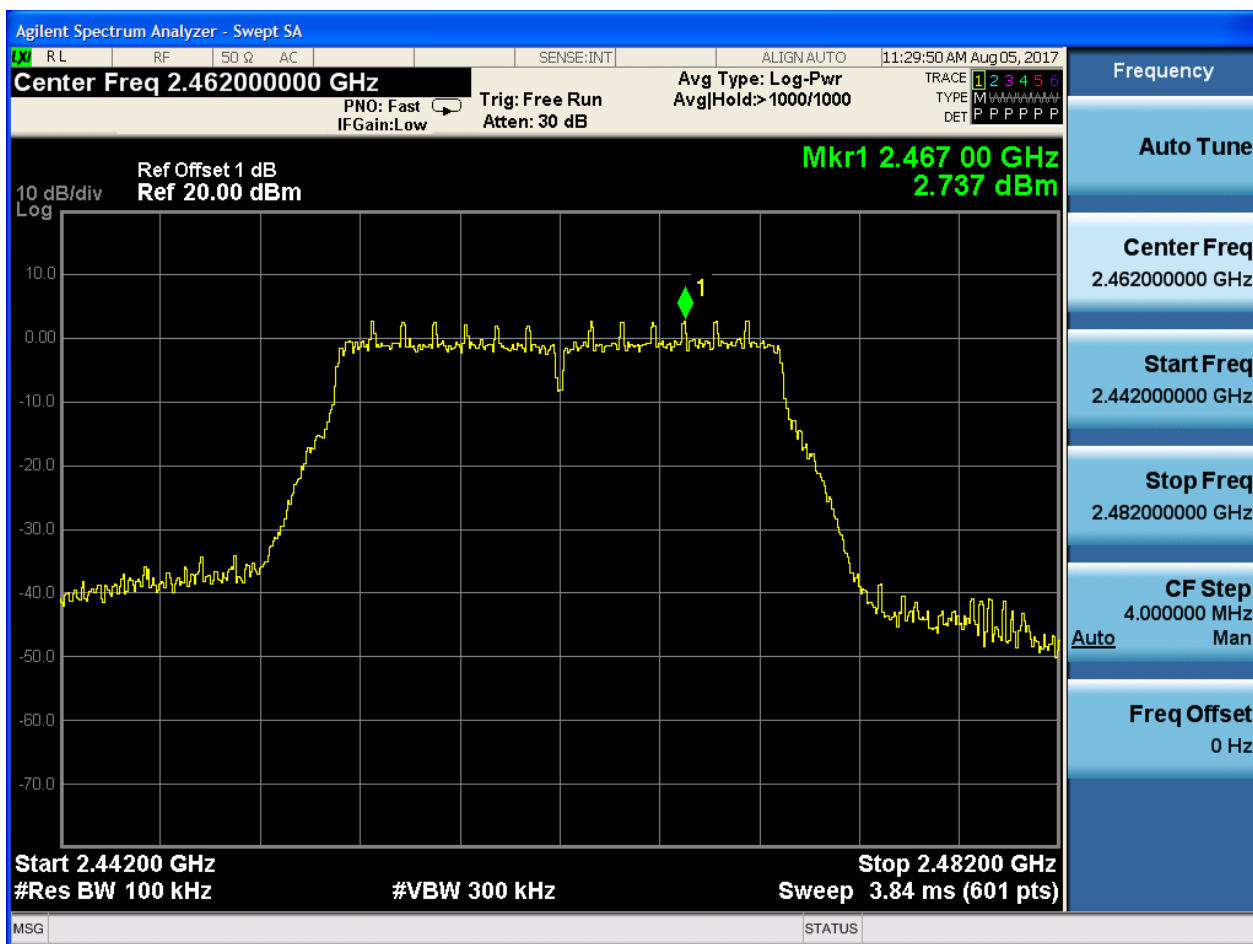






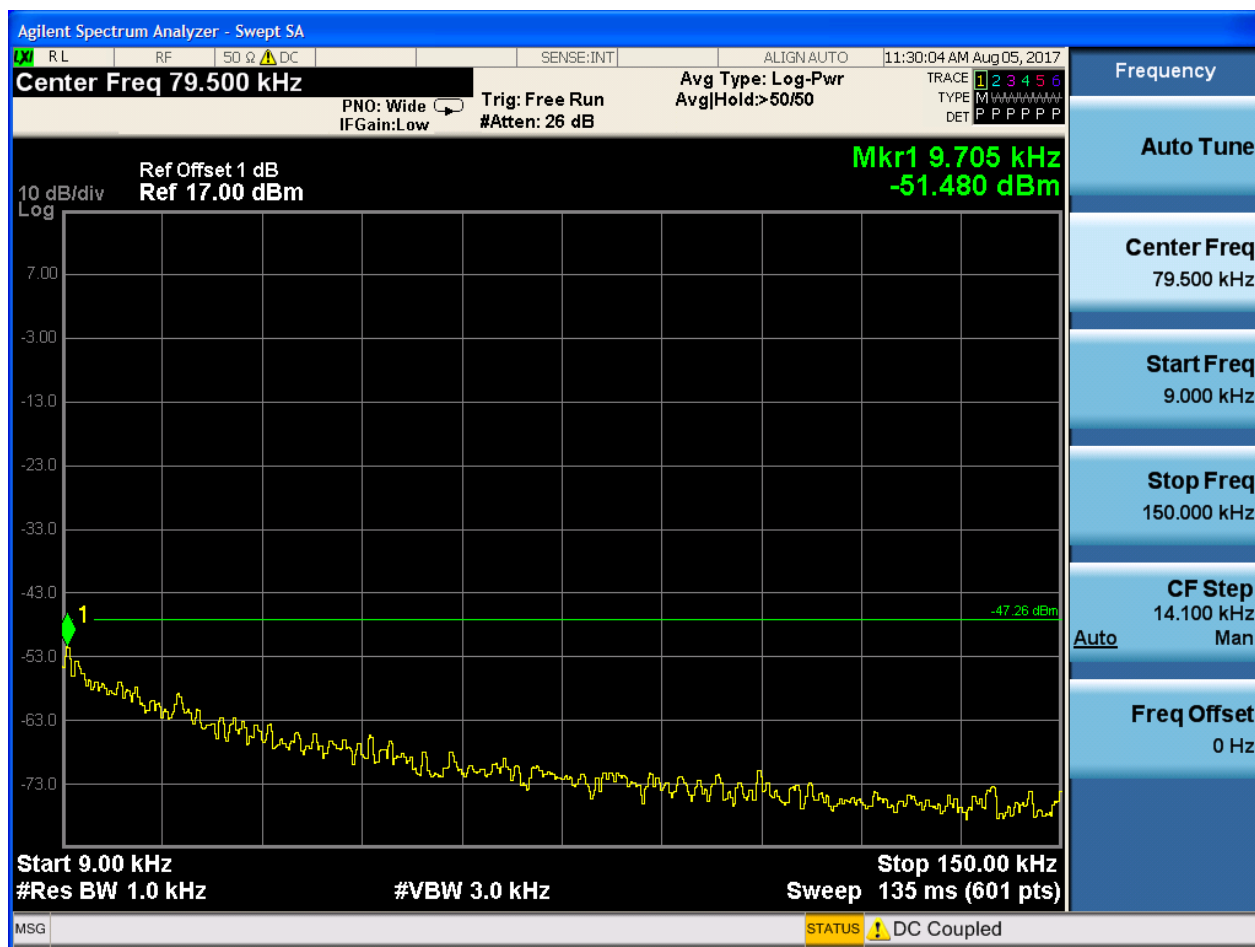
2.17 11N20_H@Ant 1

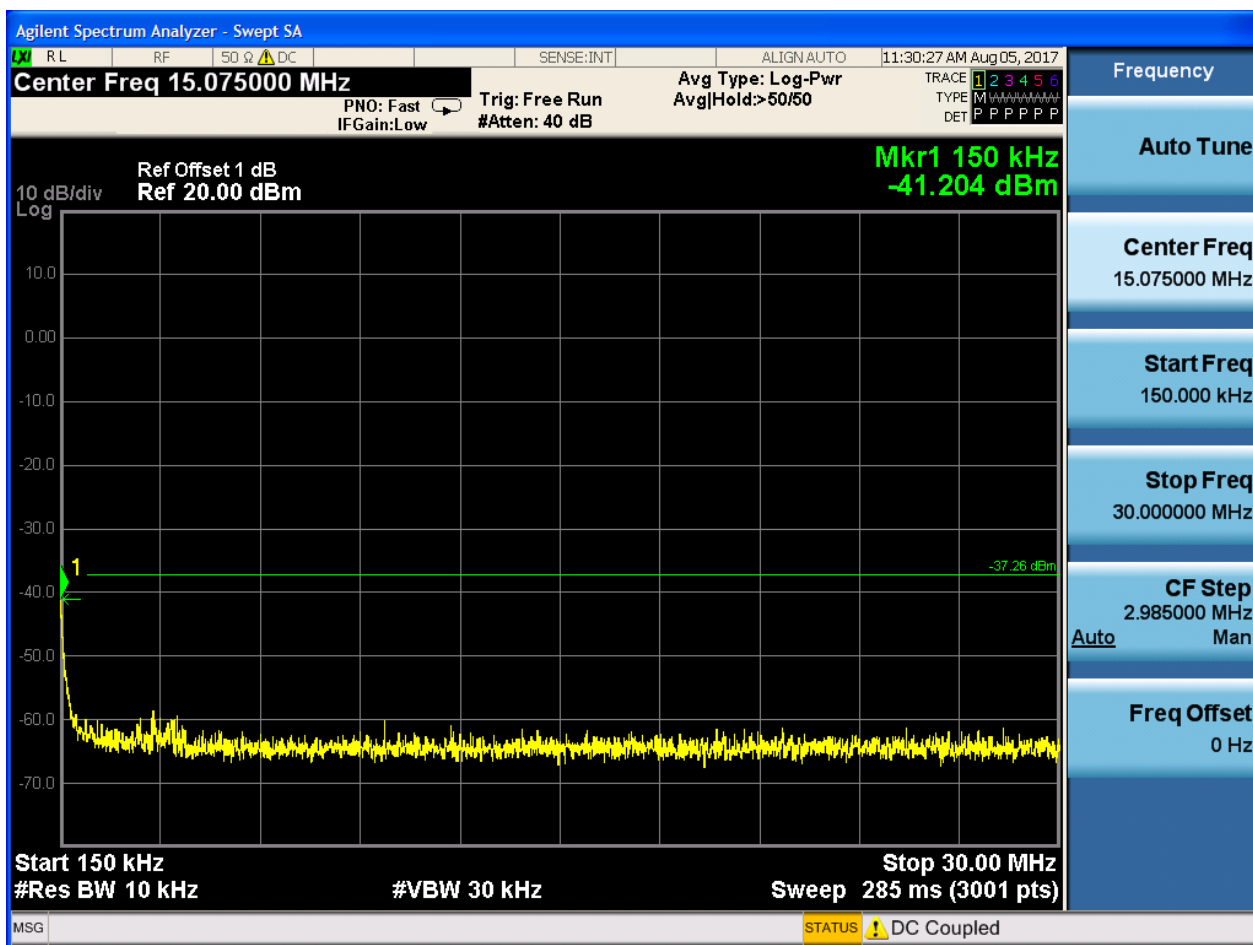
Pref:

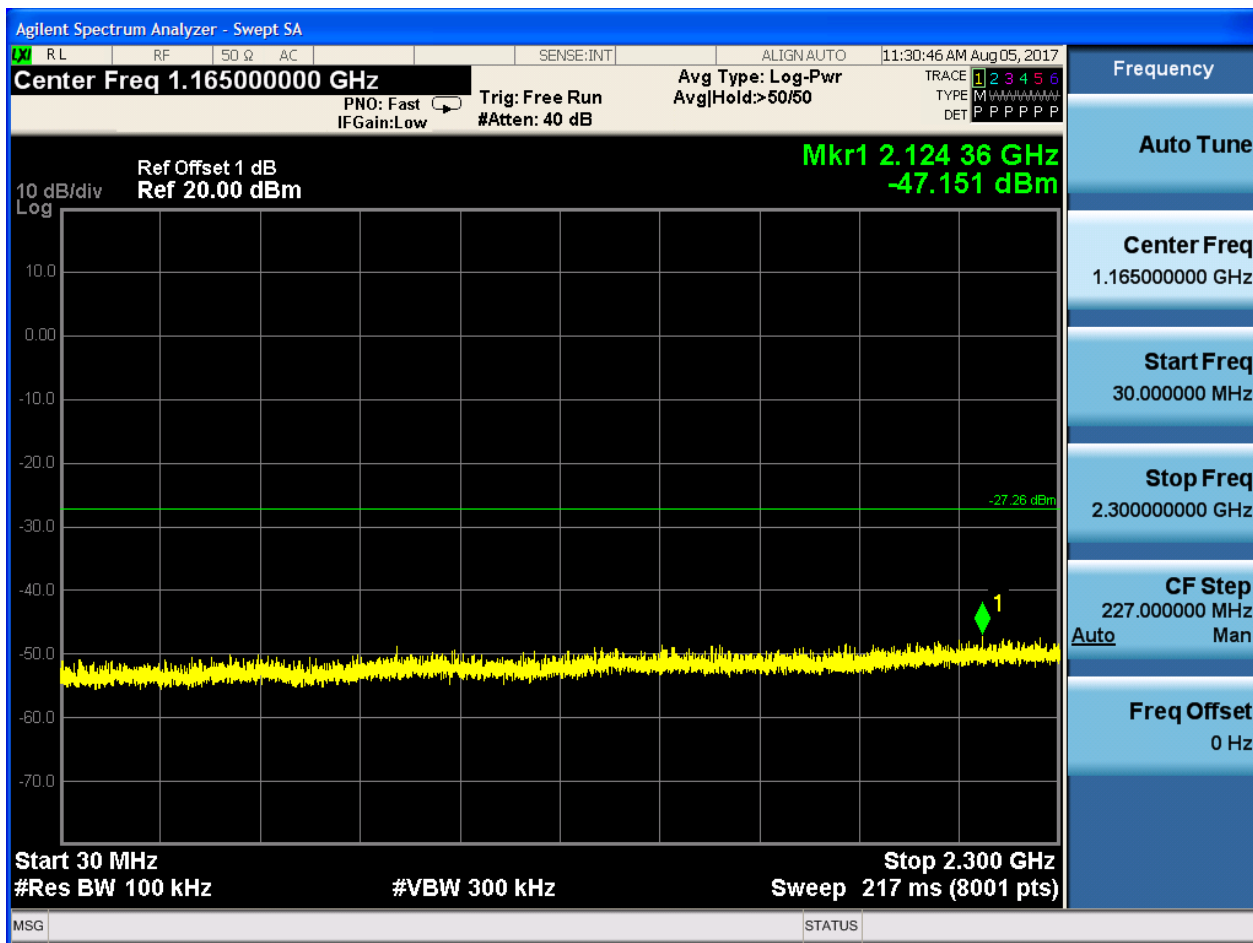


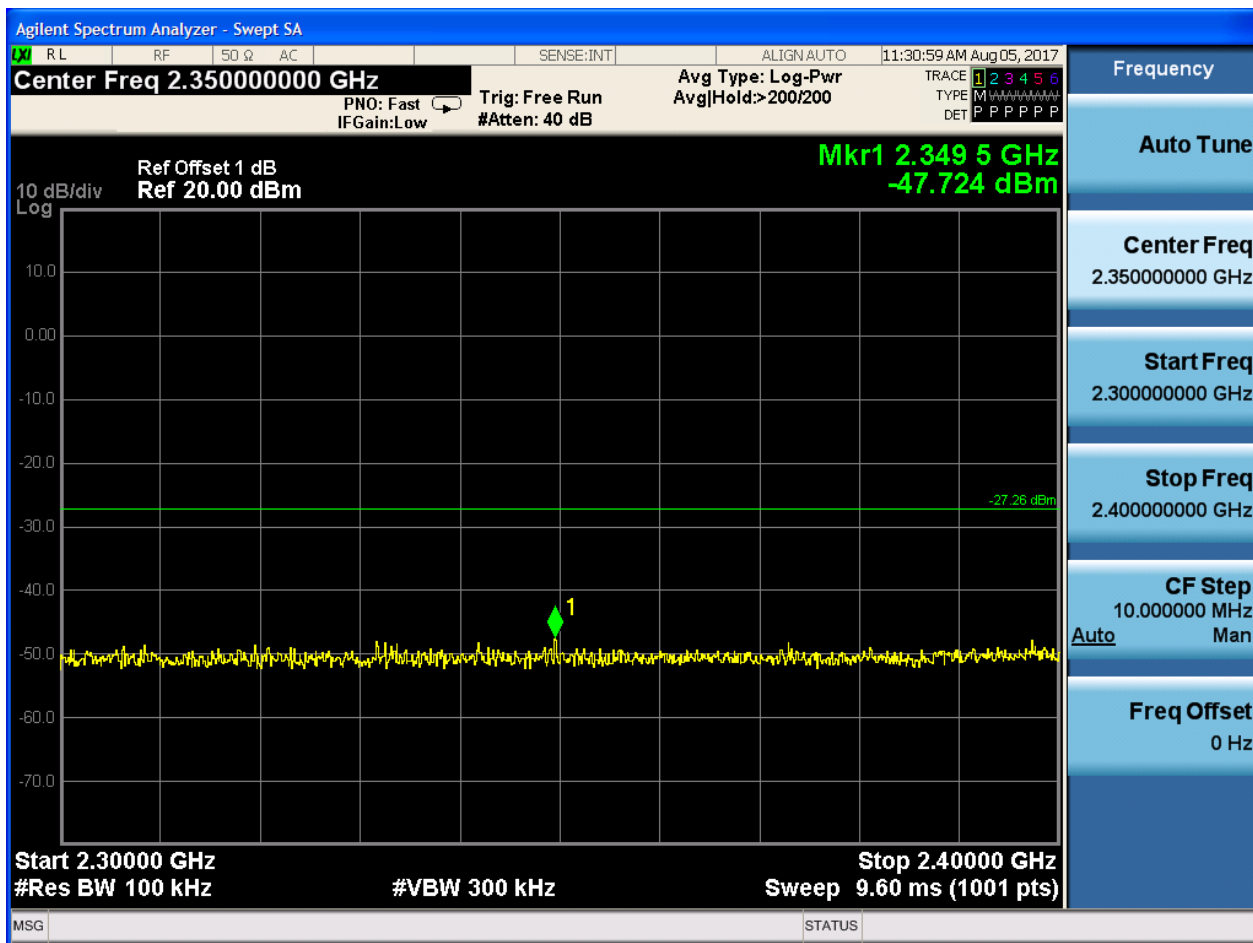


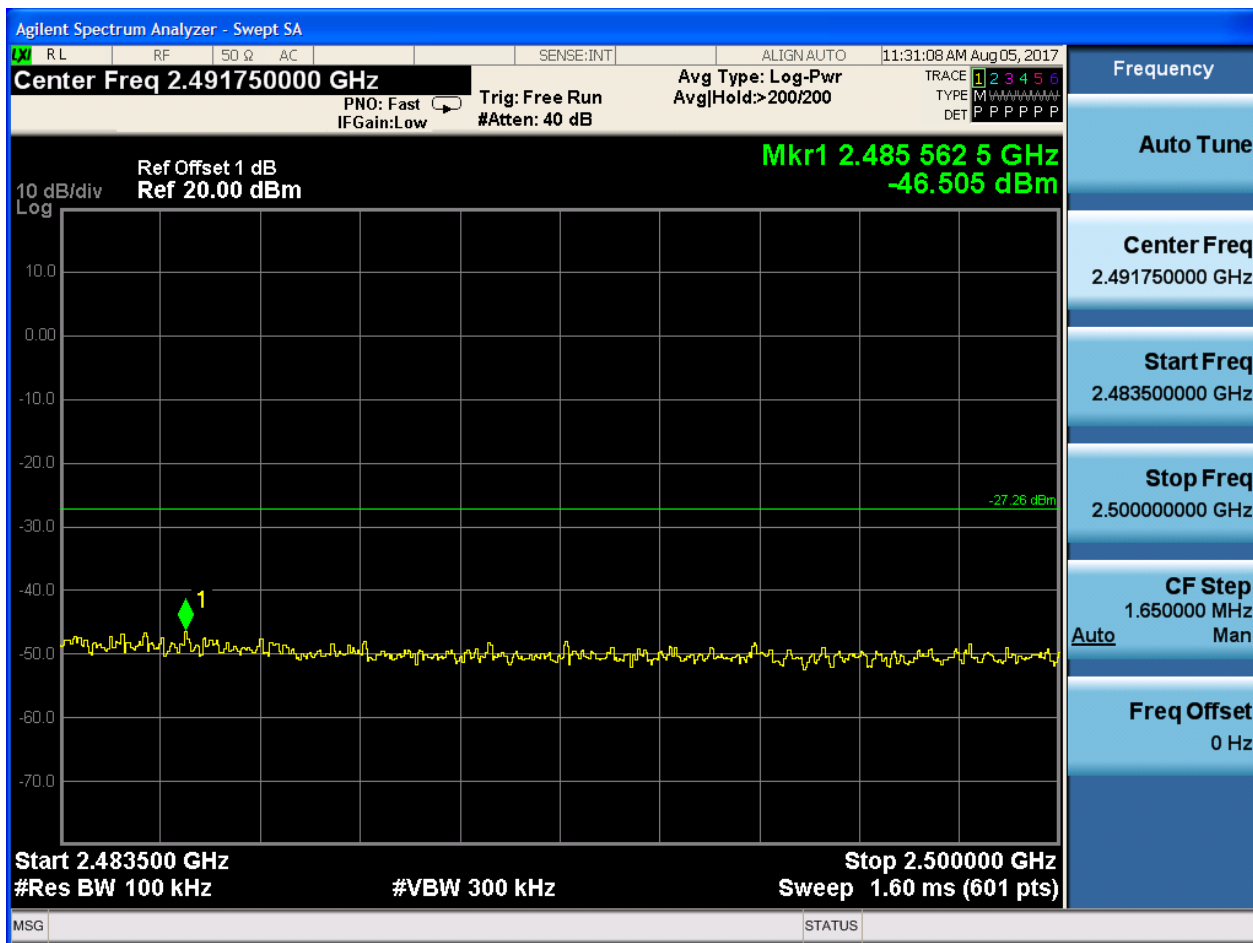
Puw:

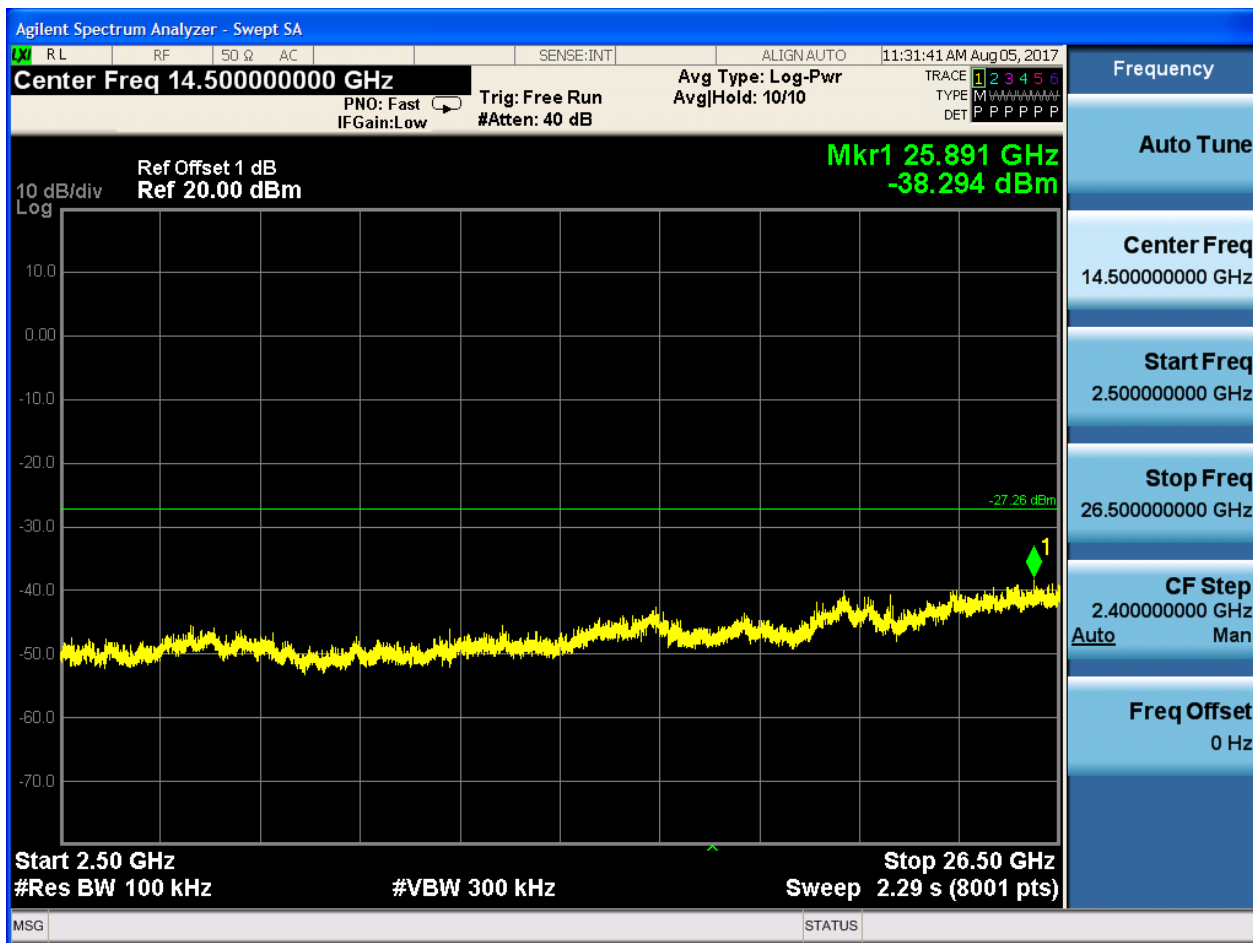






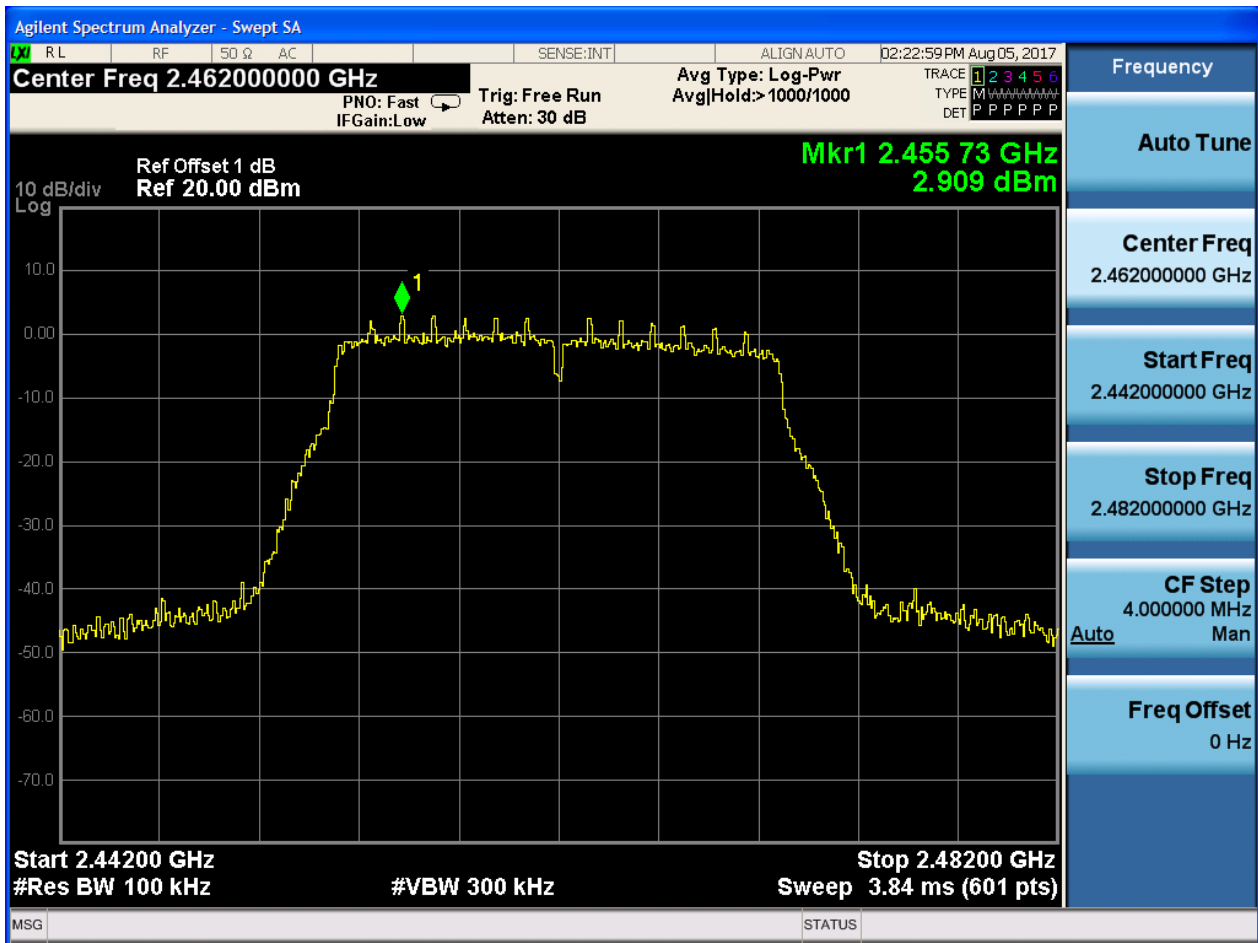








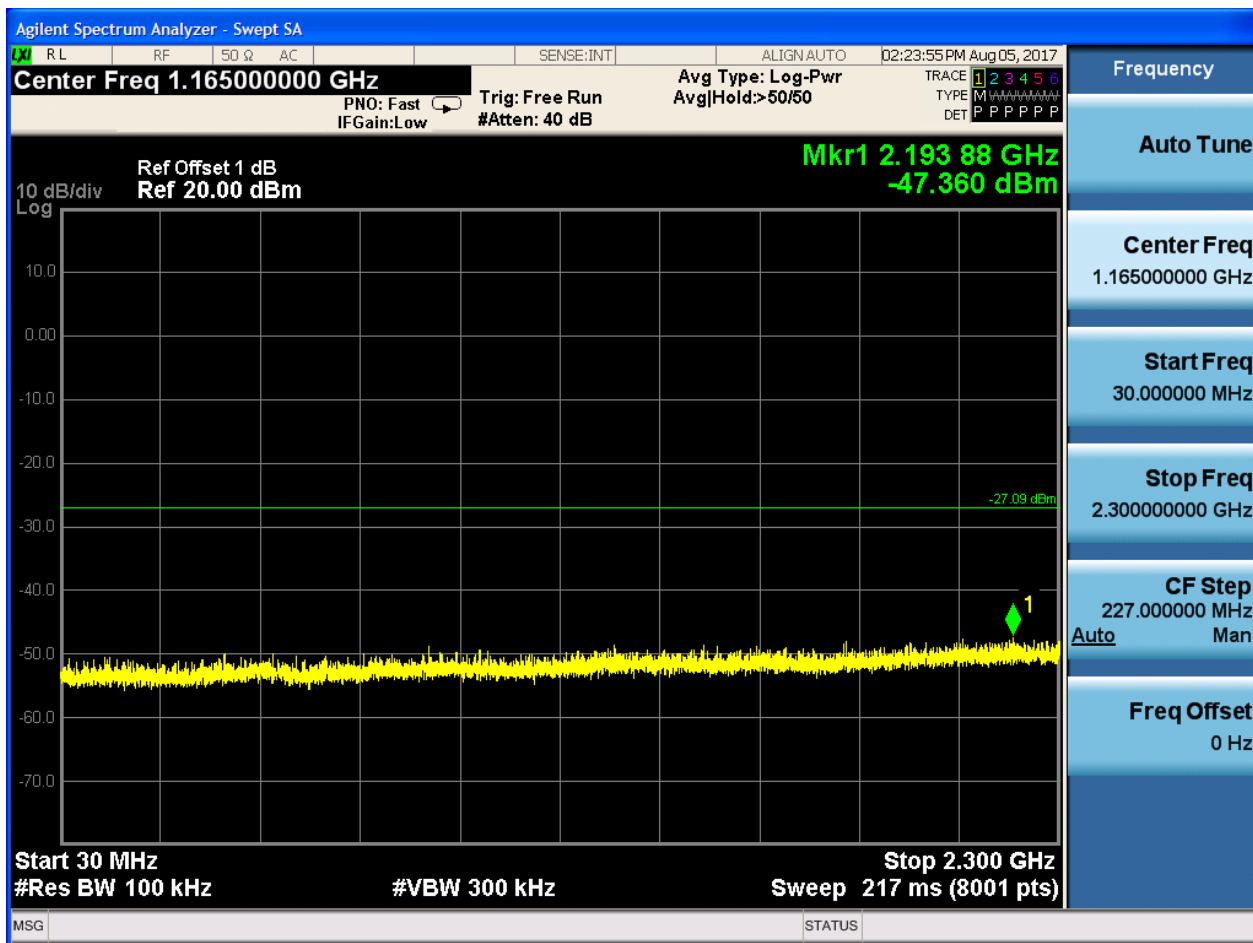
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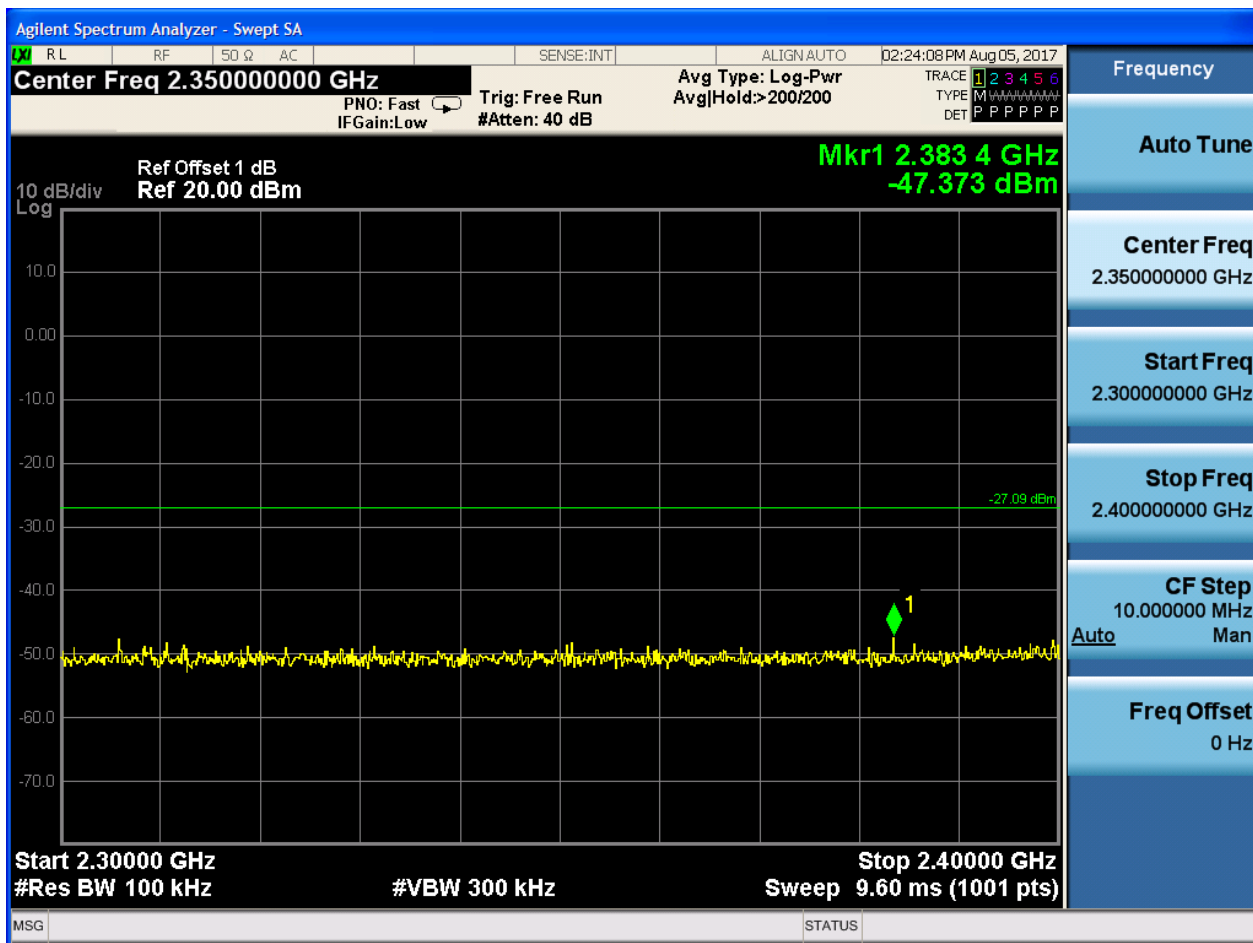


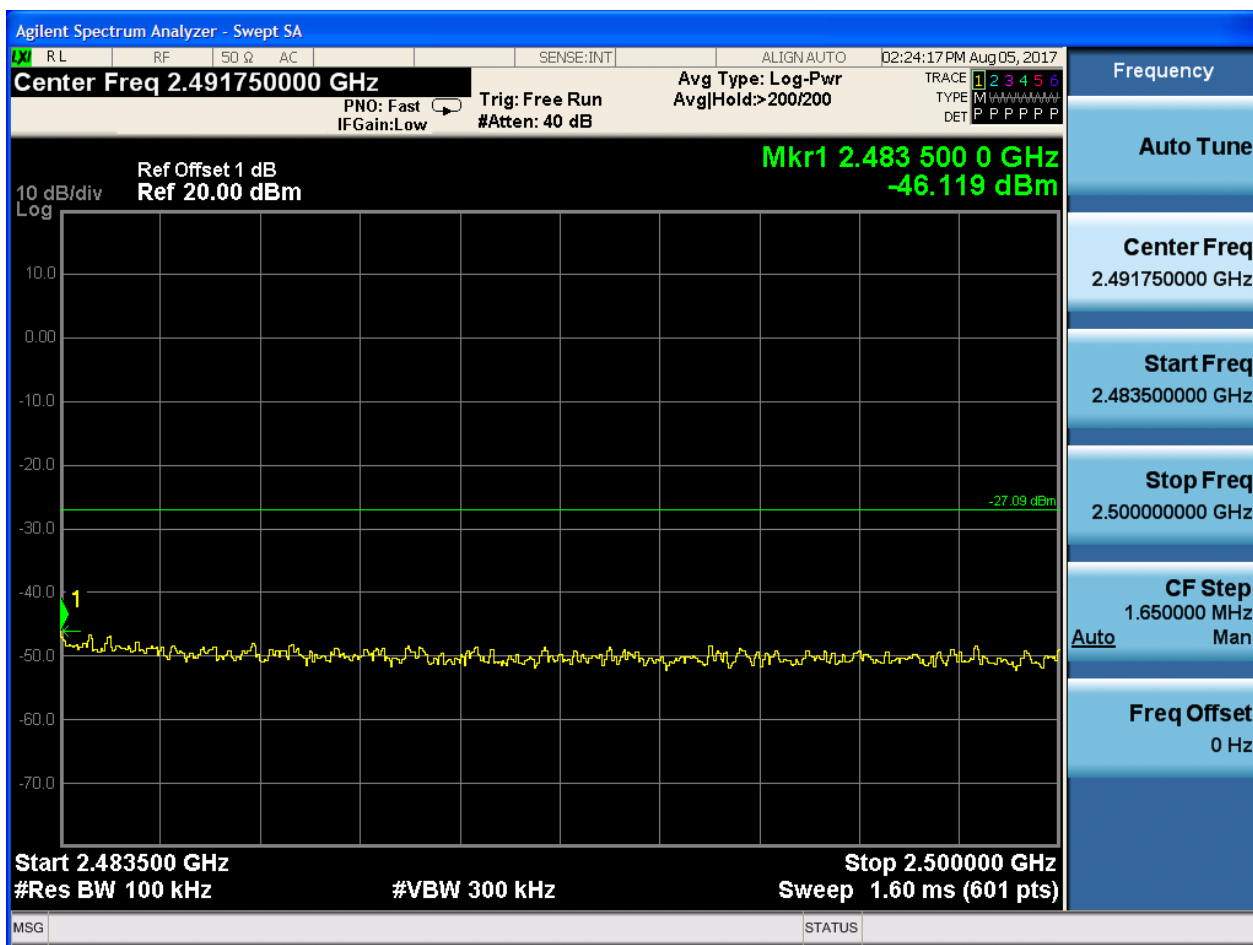


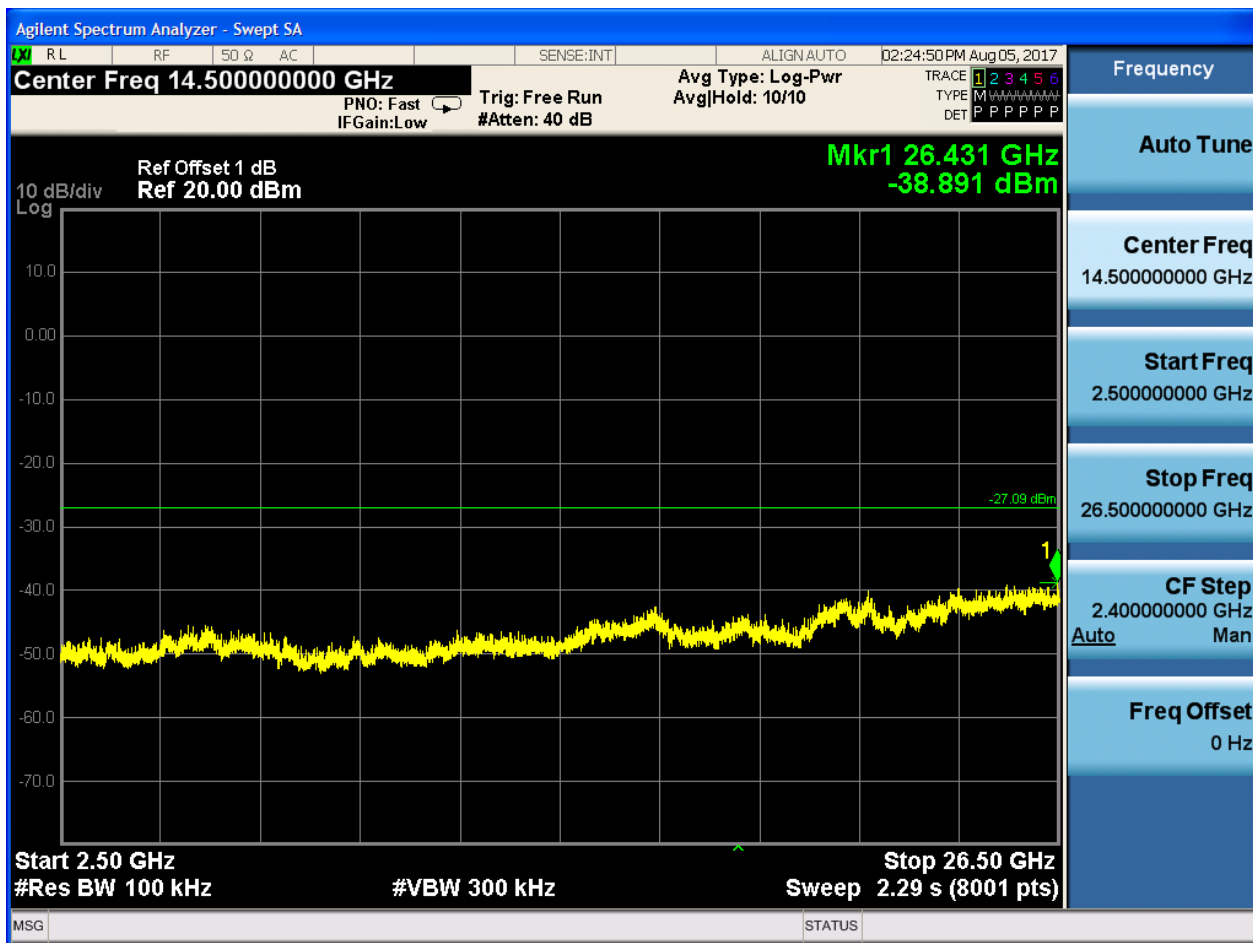
Puw:







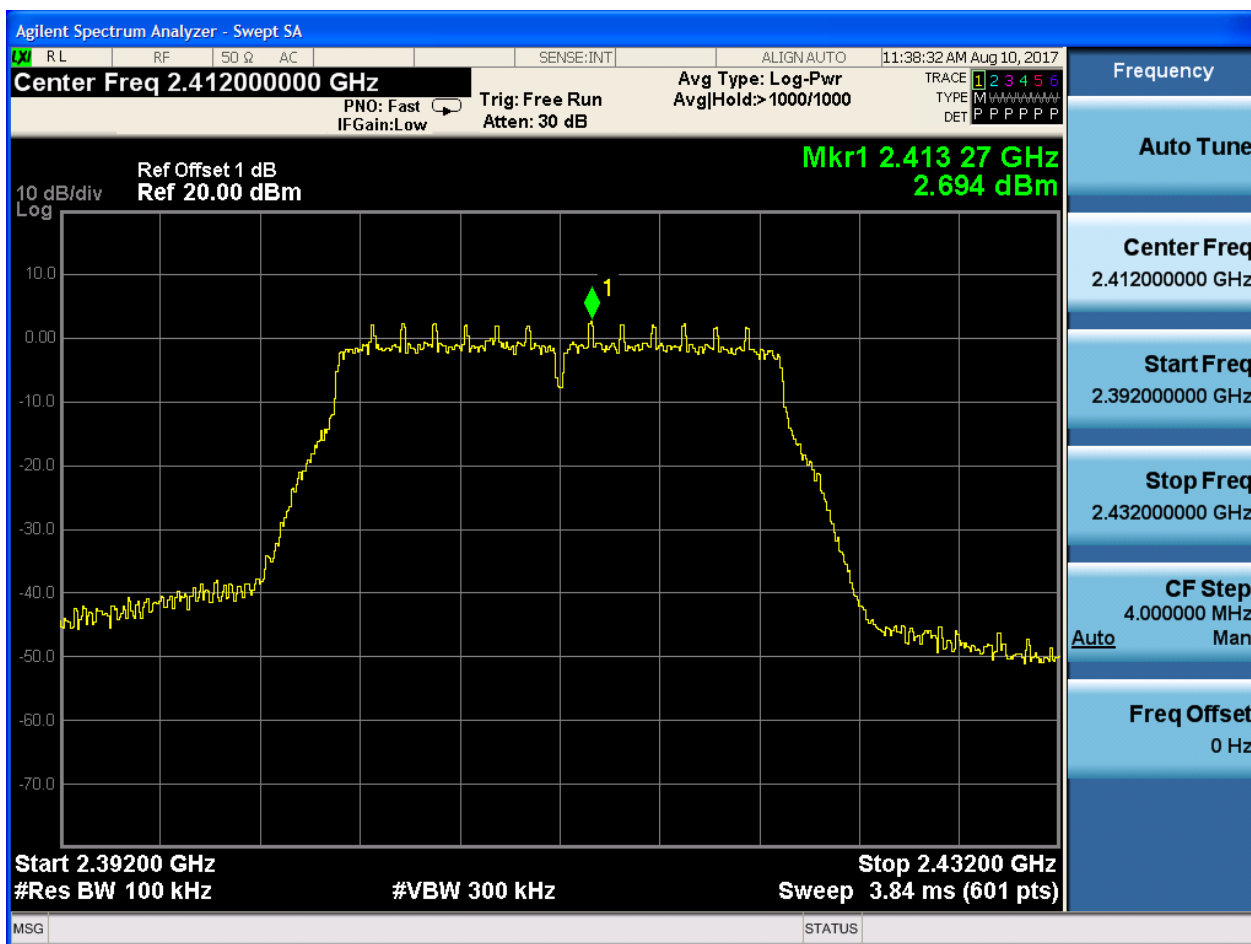






2.19 11N20m_L@Ant 1

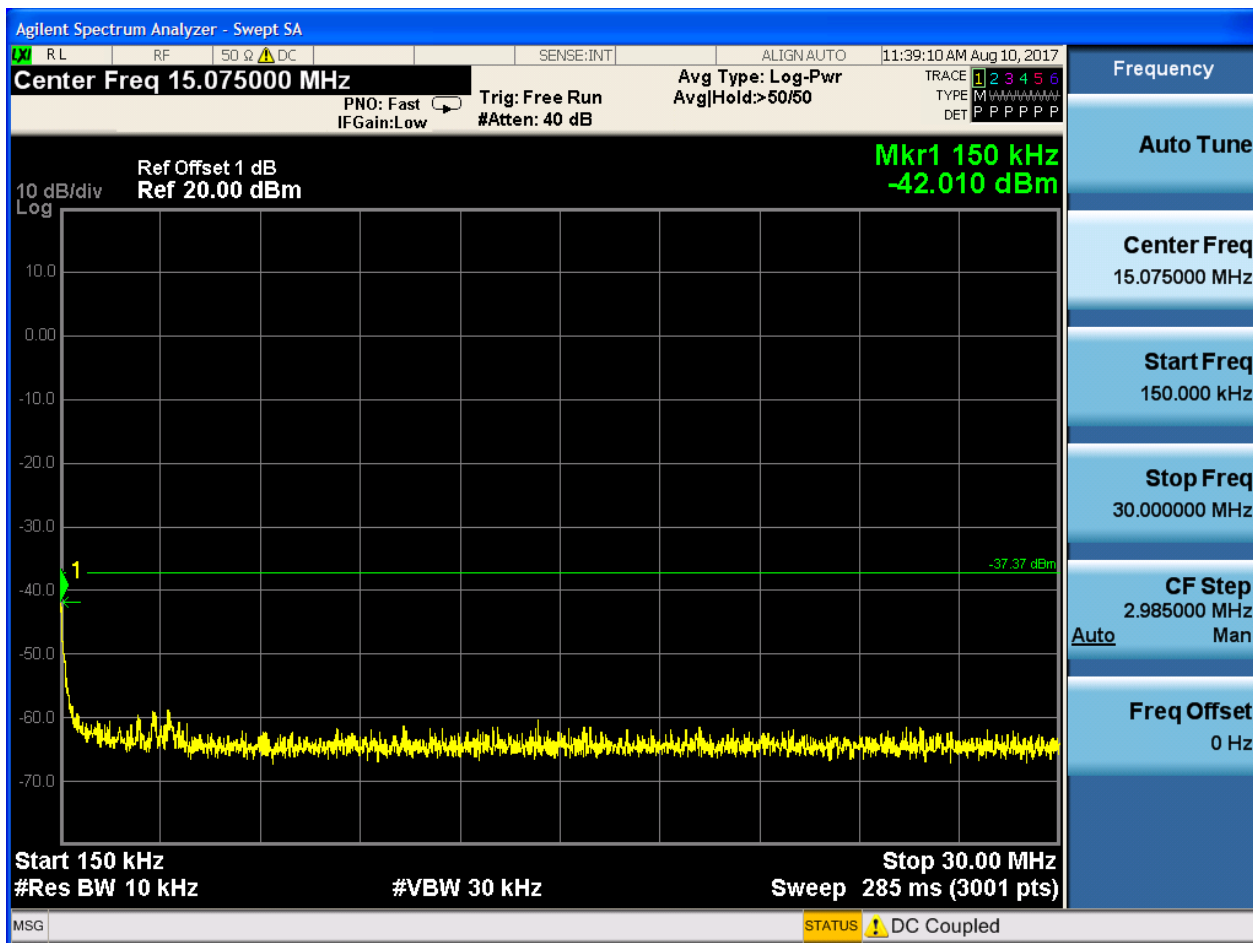
Pref:

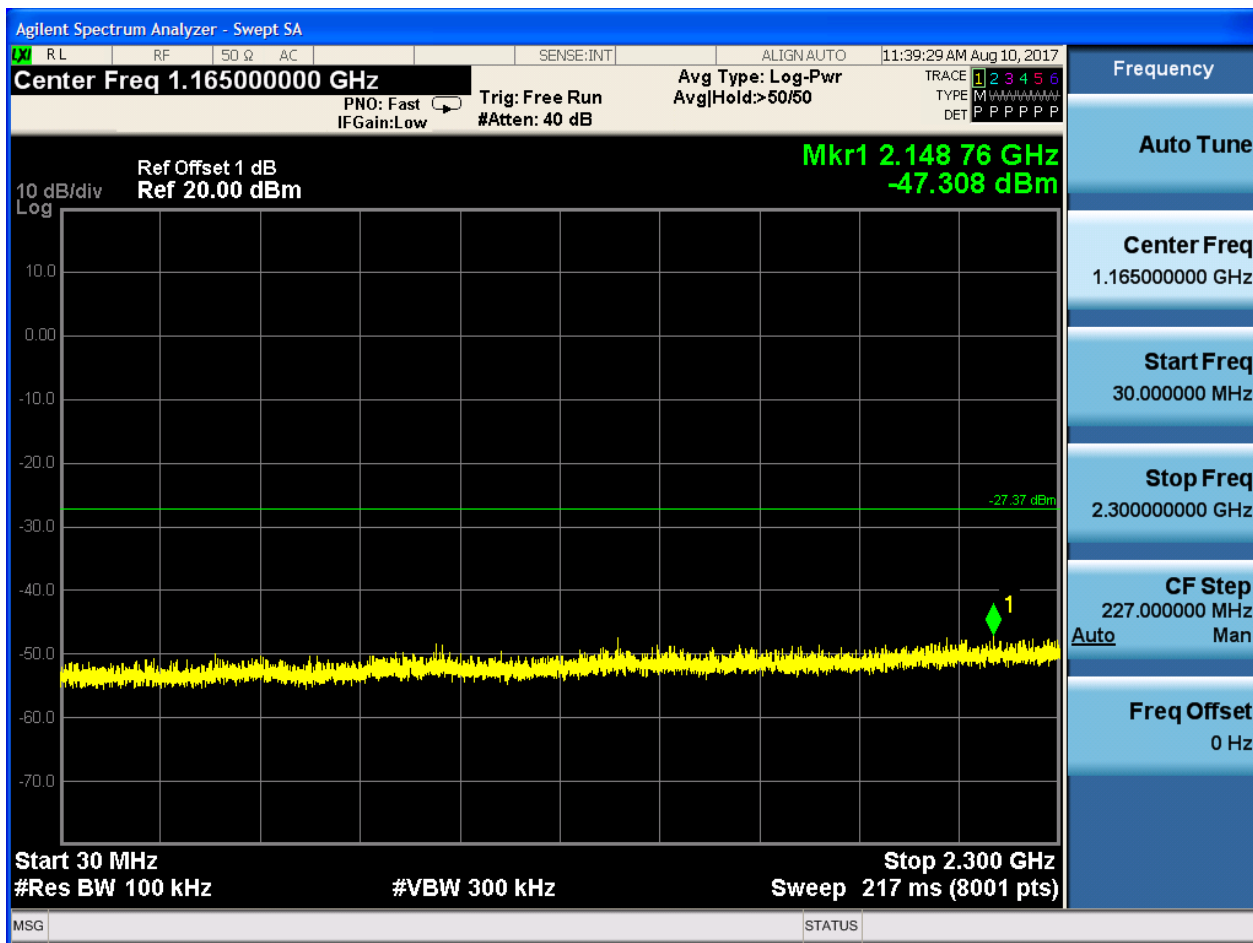


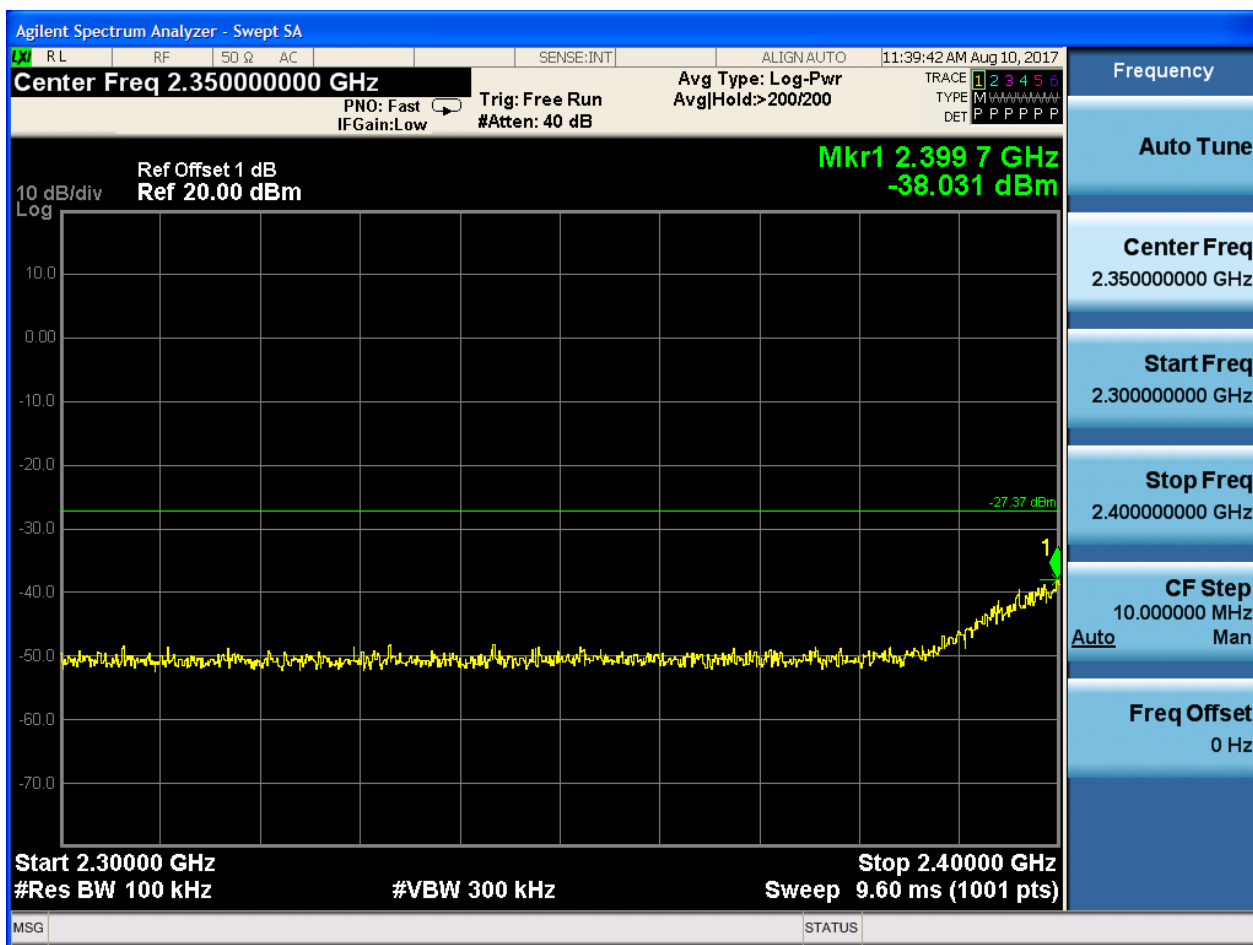


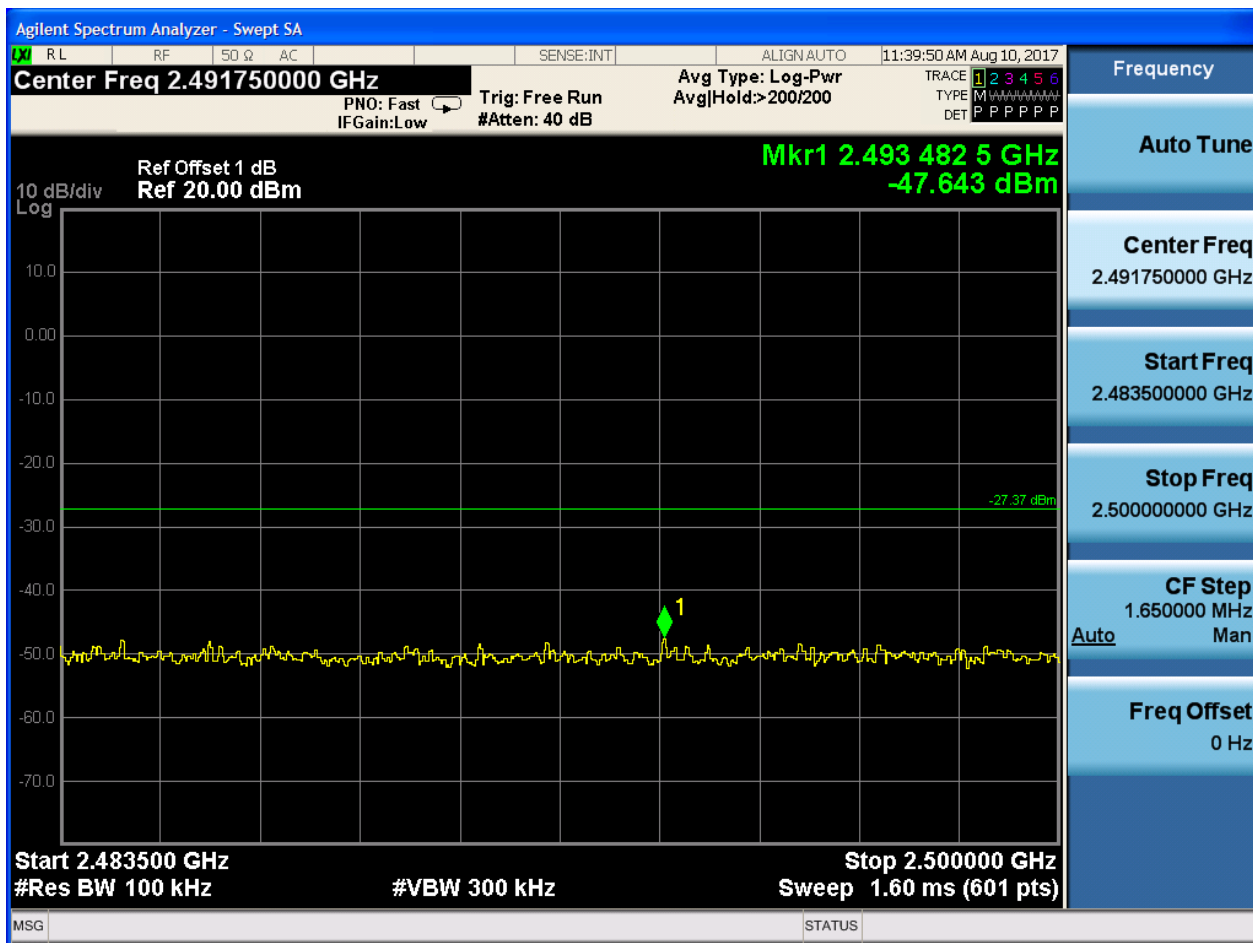
Puw:

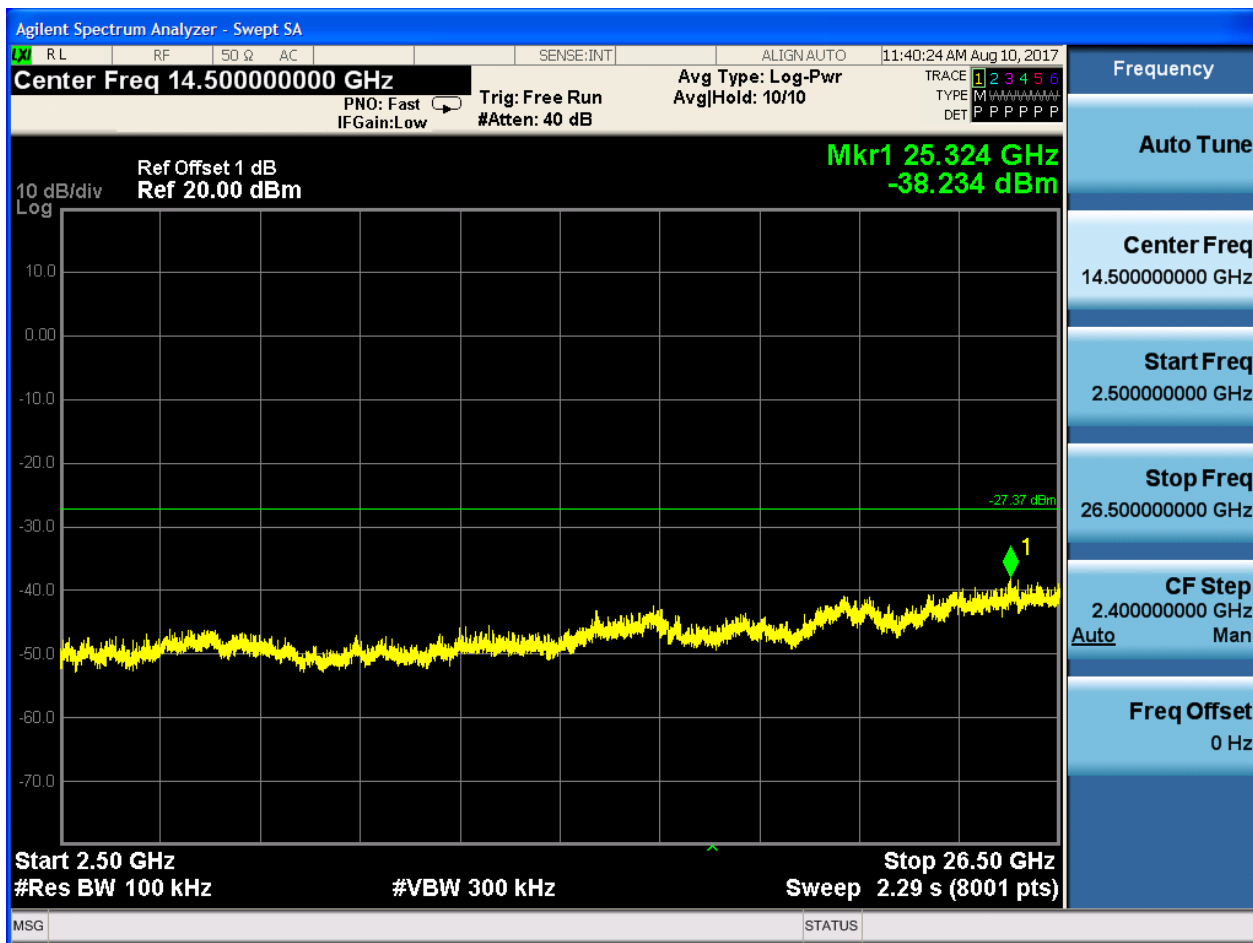








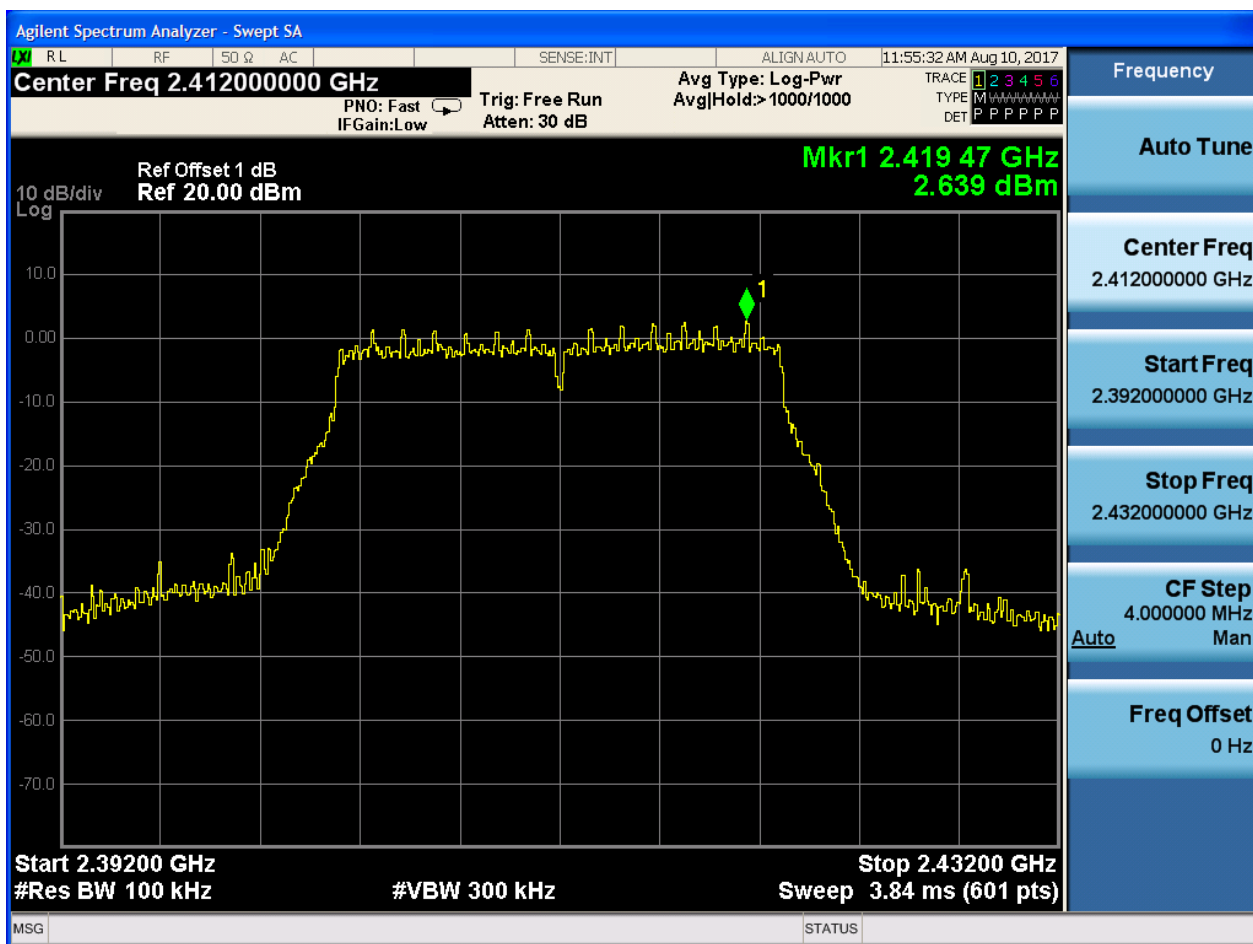






2.20 11N20m_L@Ant 2

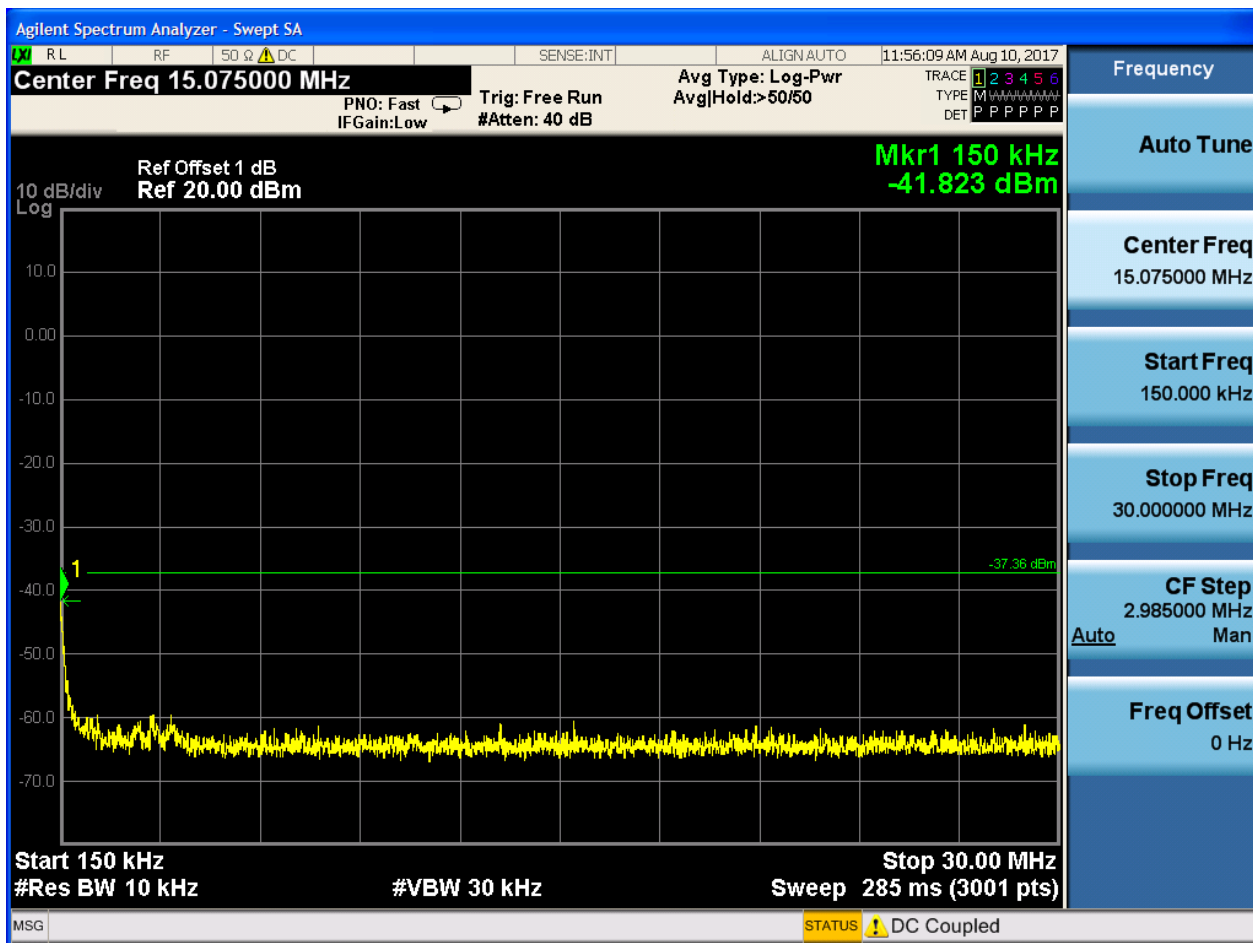
Pref:

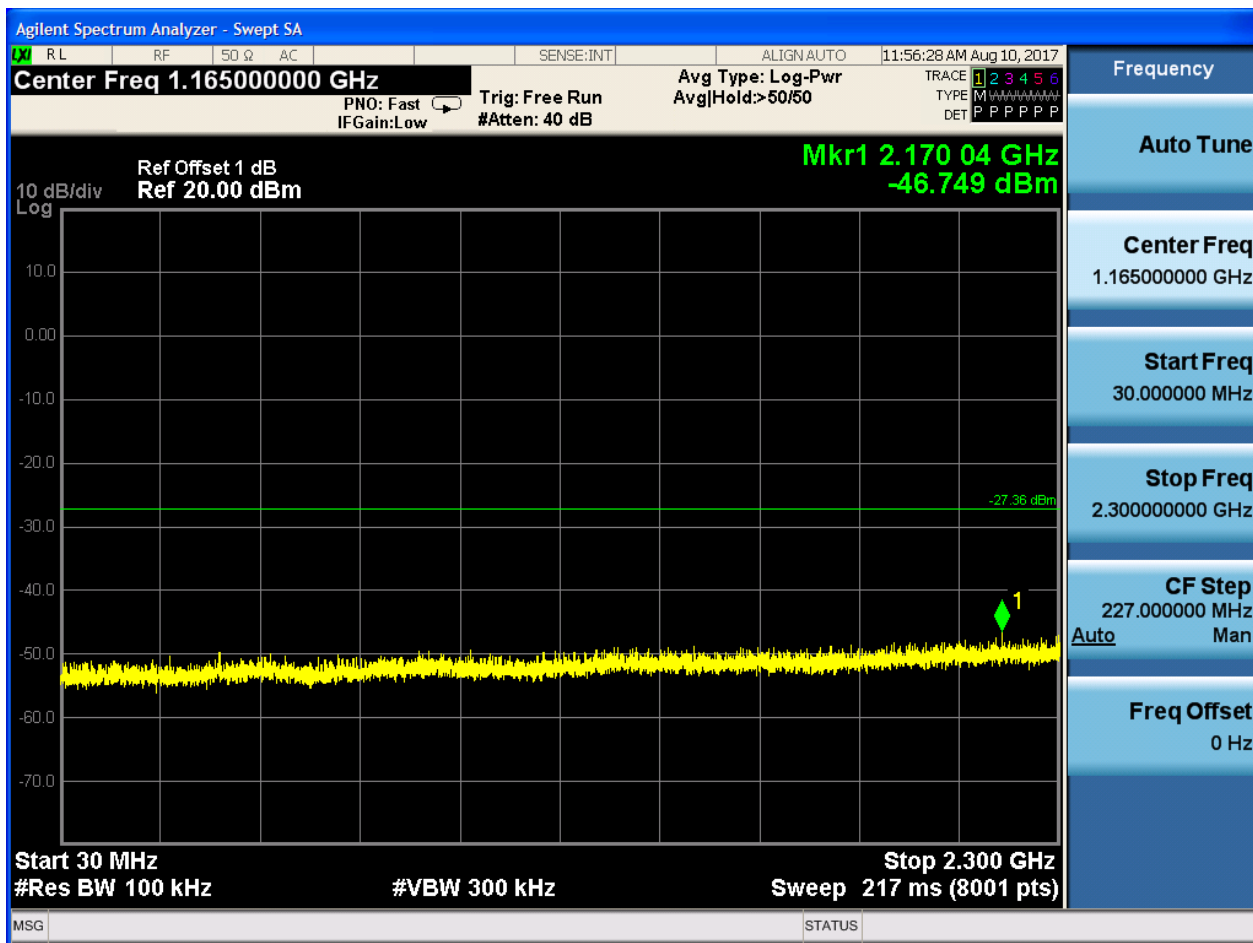


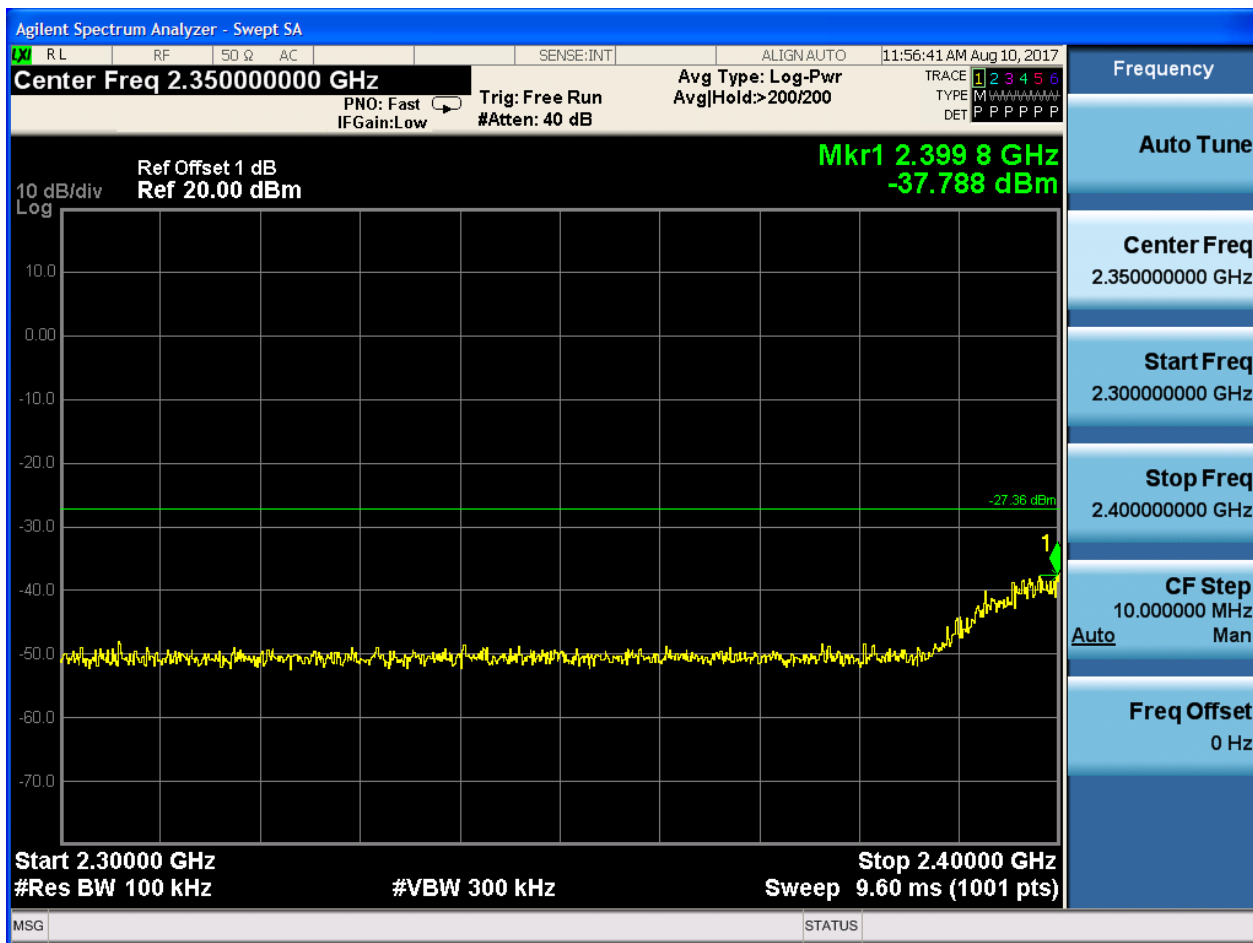


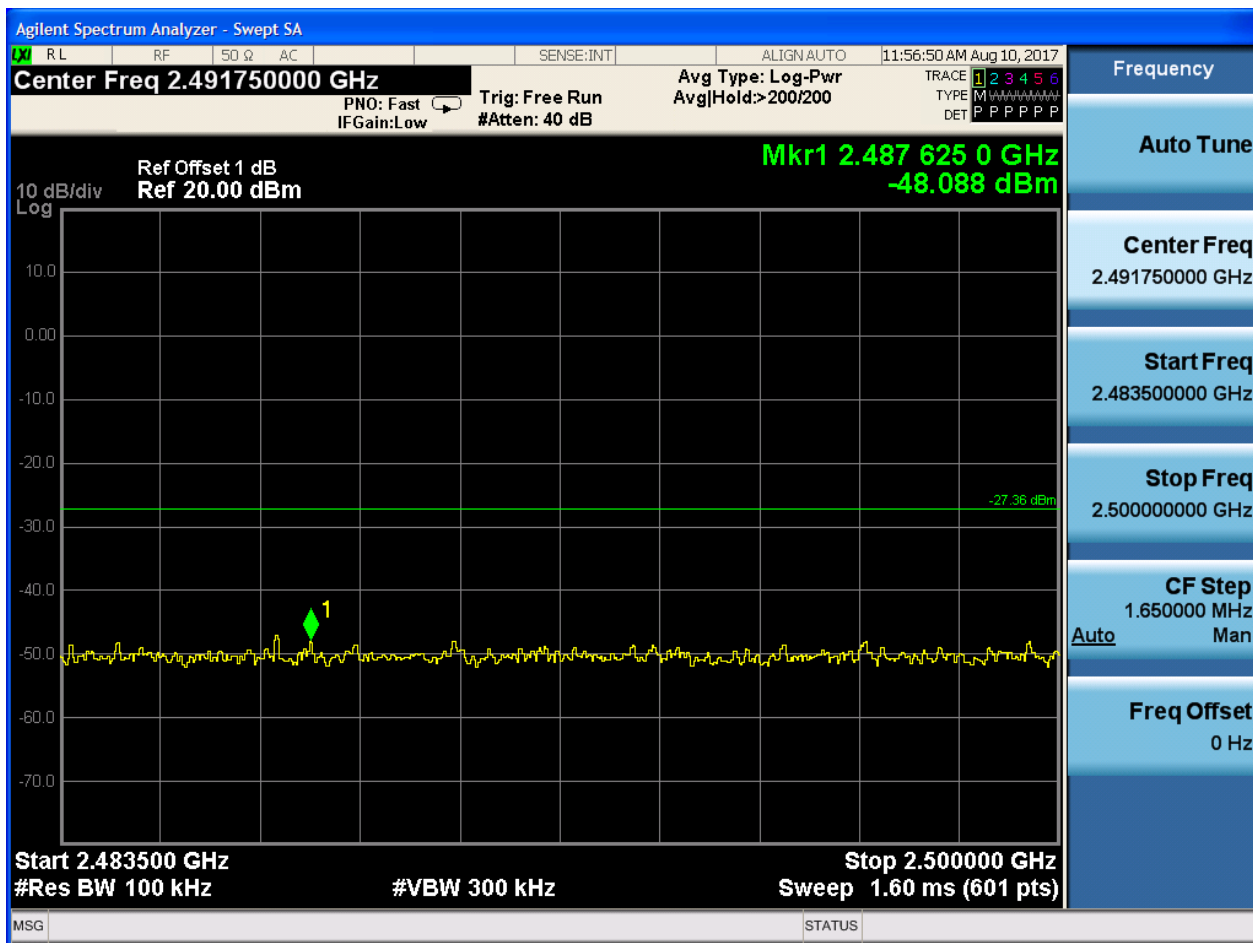
Puw:









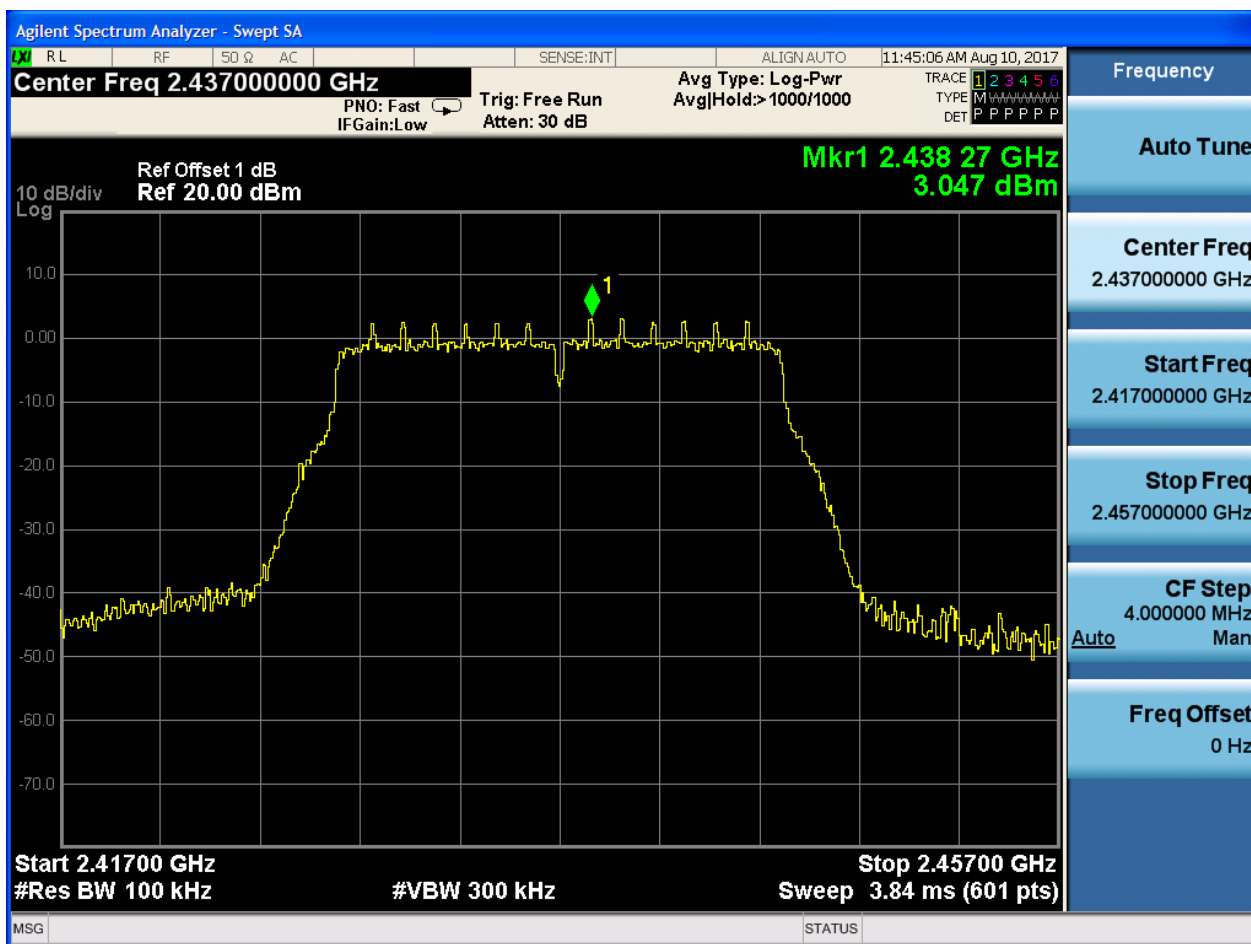






2.21 11N20m_M@Ant 1

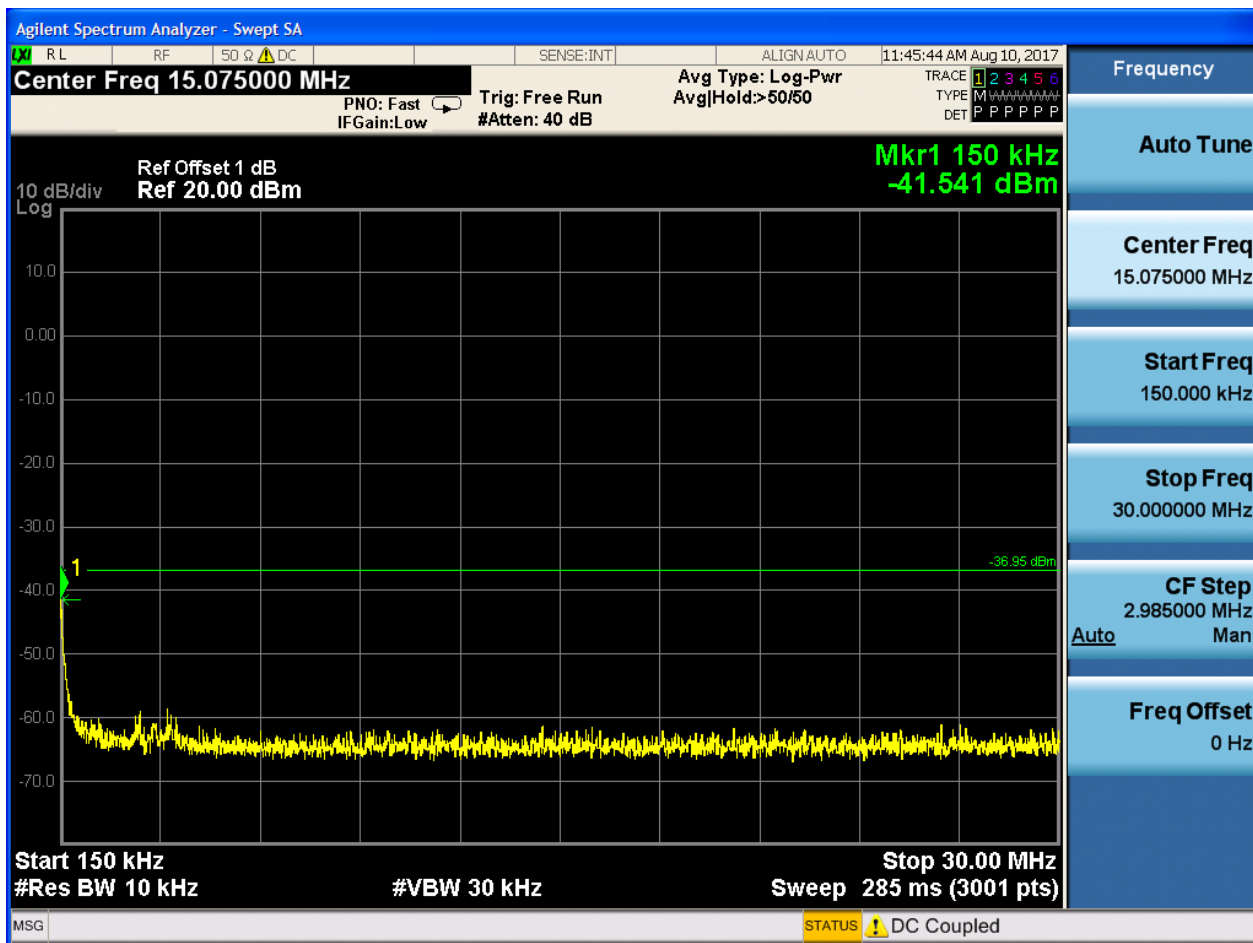
Pref:

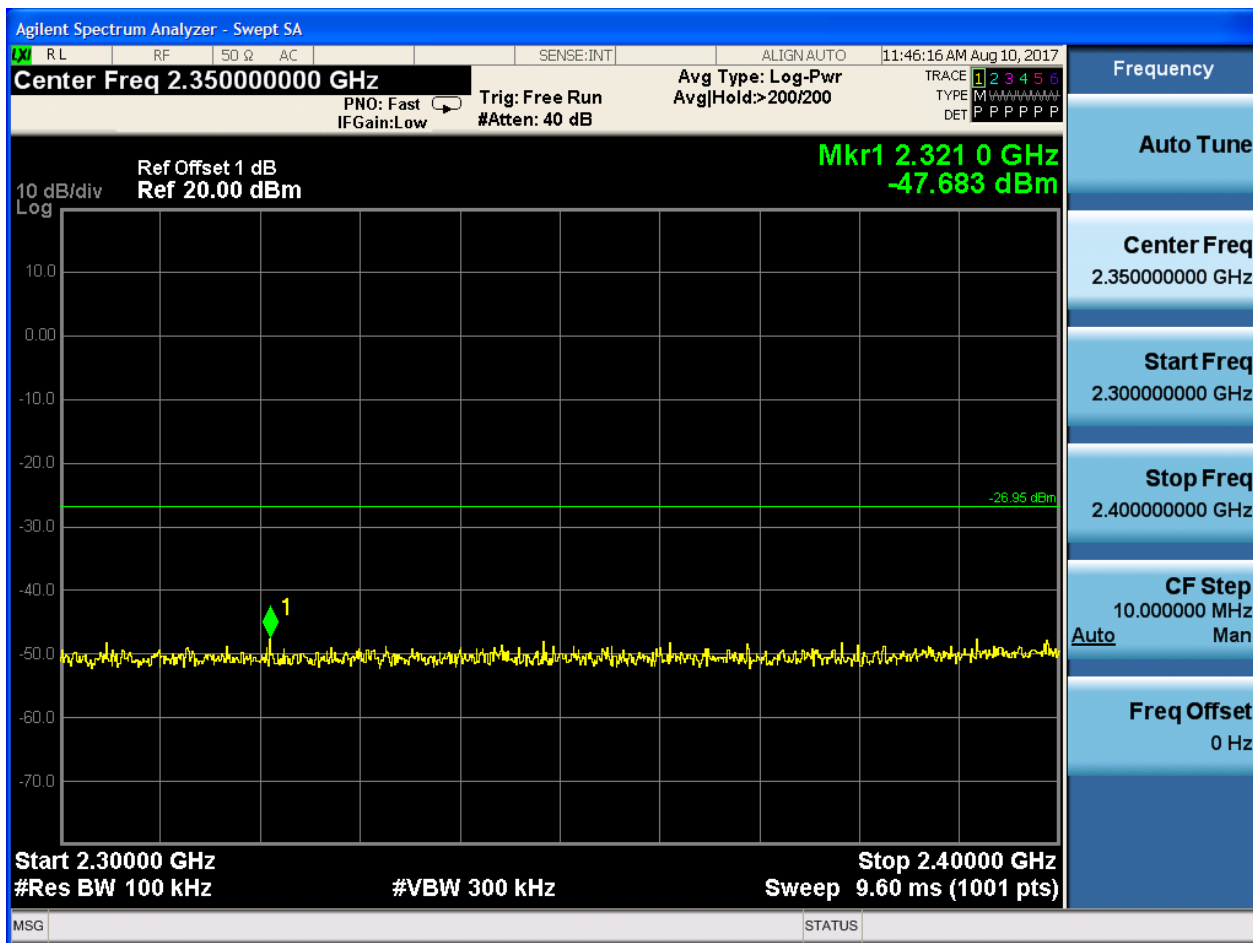


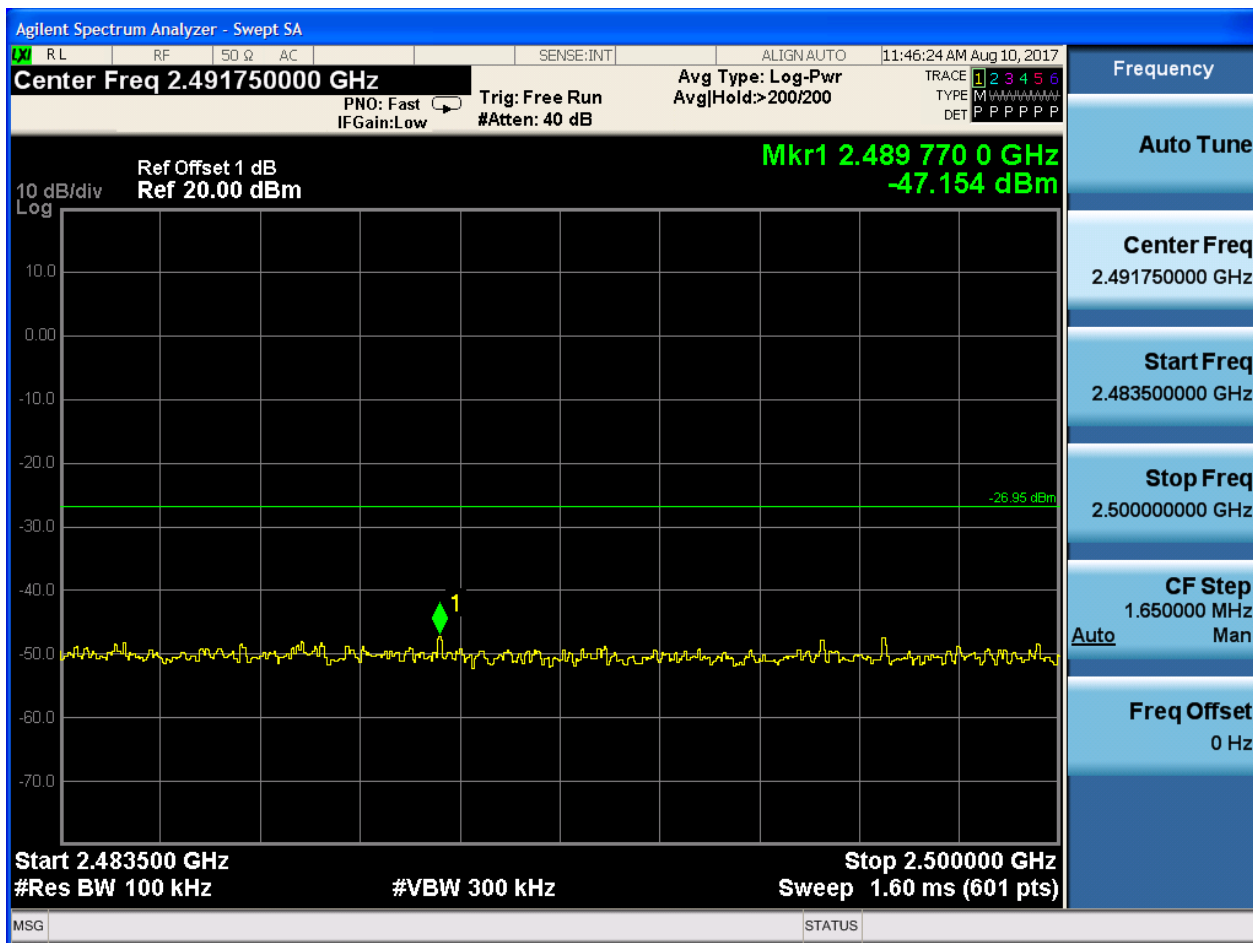


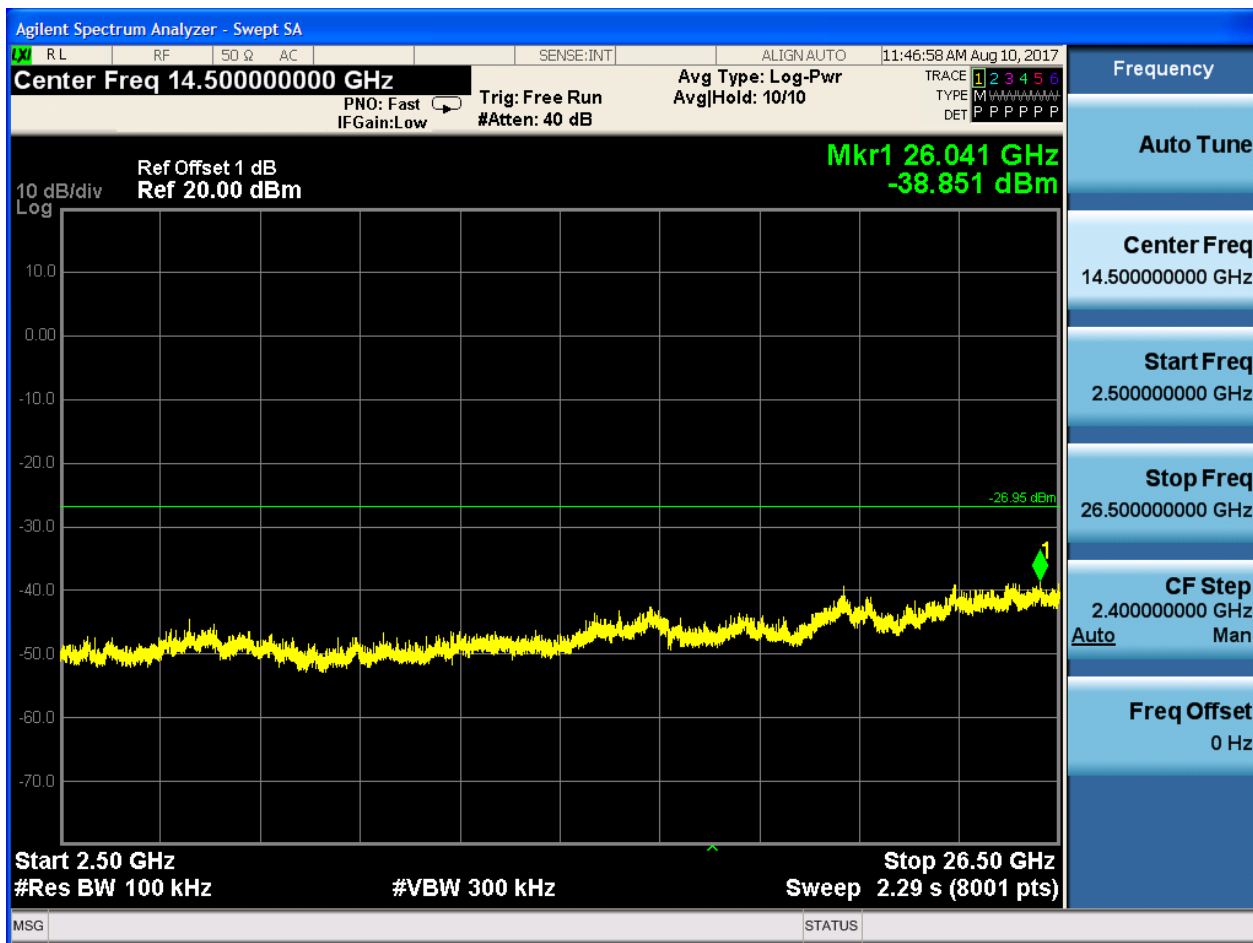
Puw:







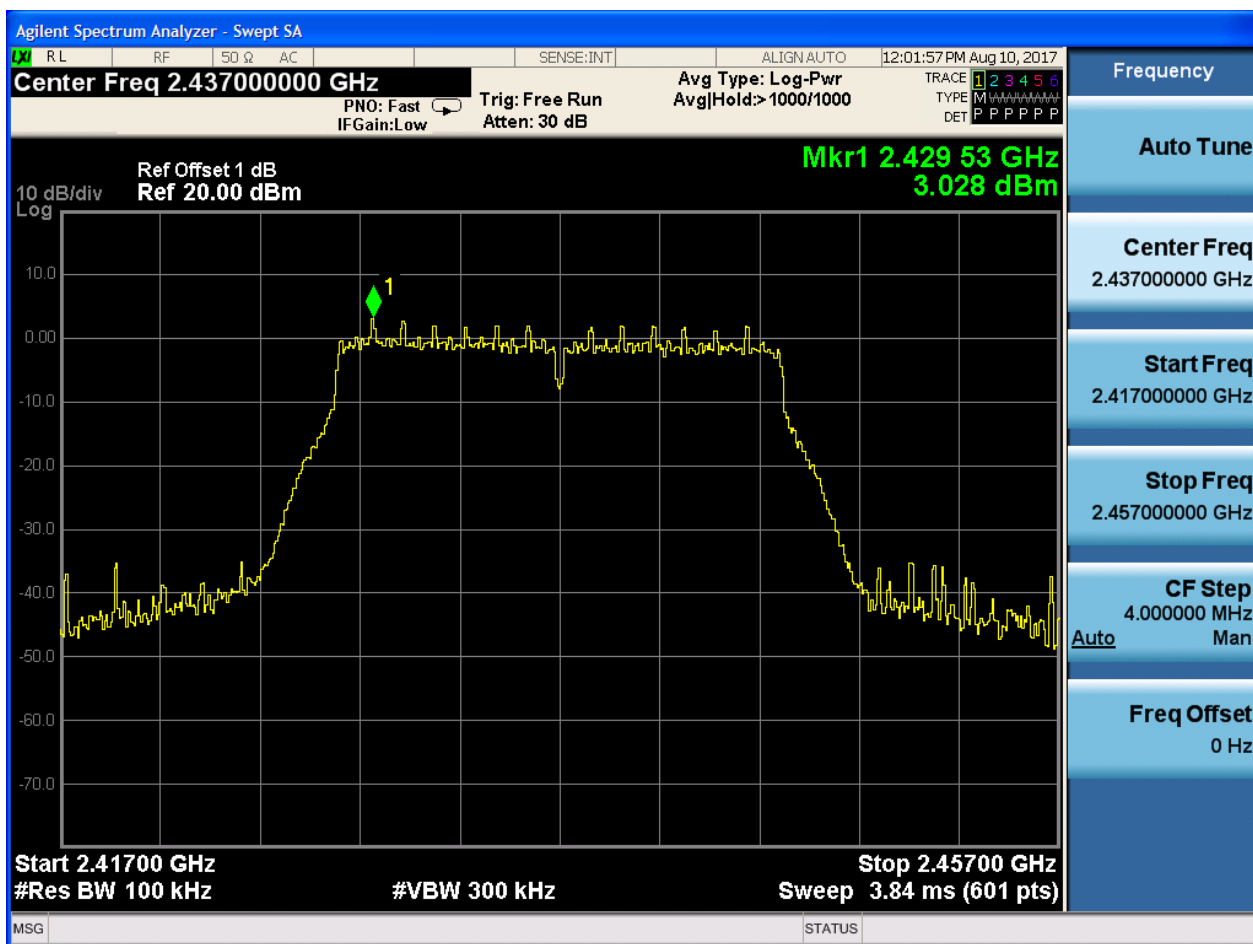






2.22 11N20m_M@Ant 2

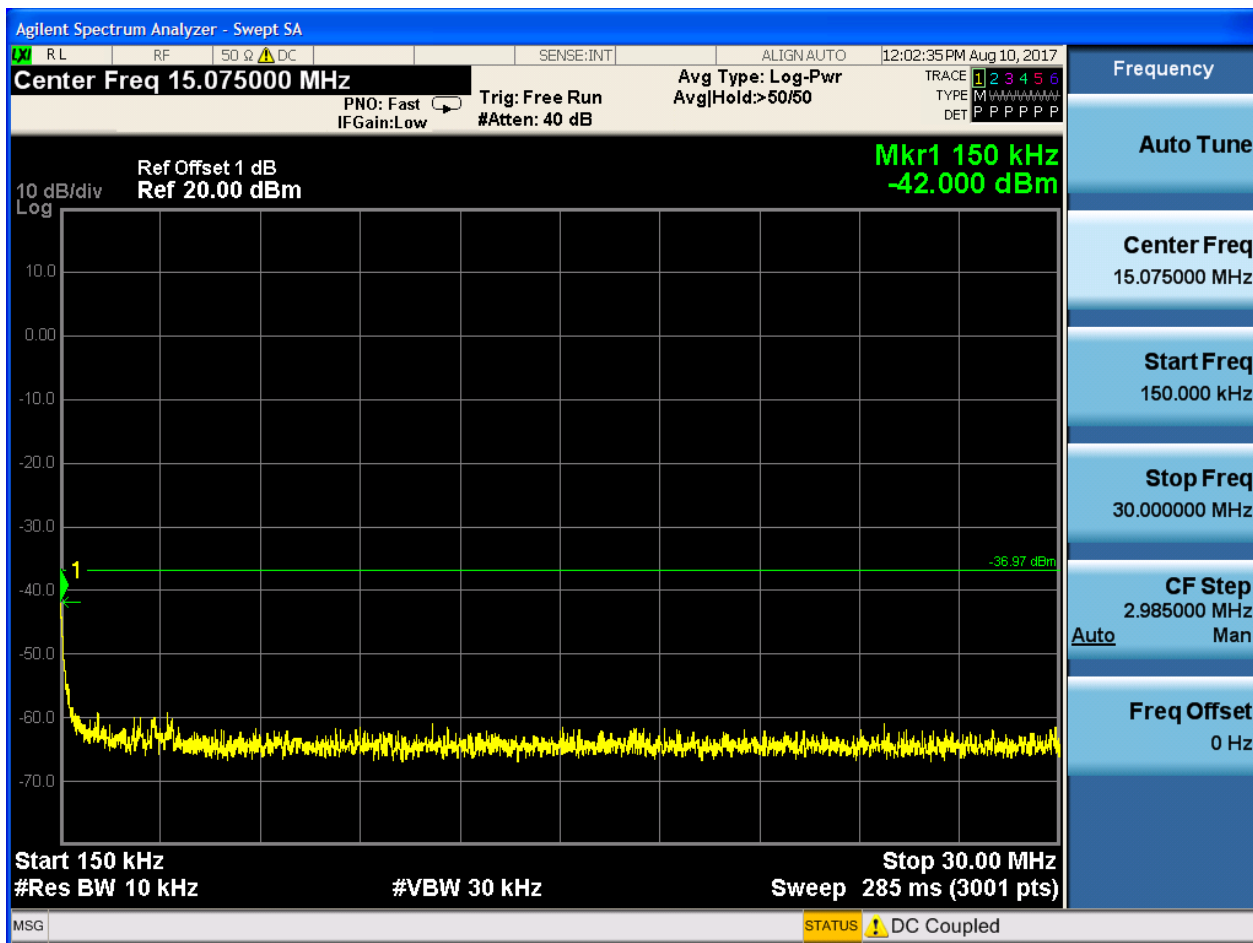
Pref:

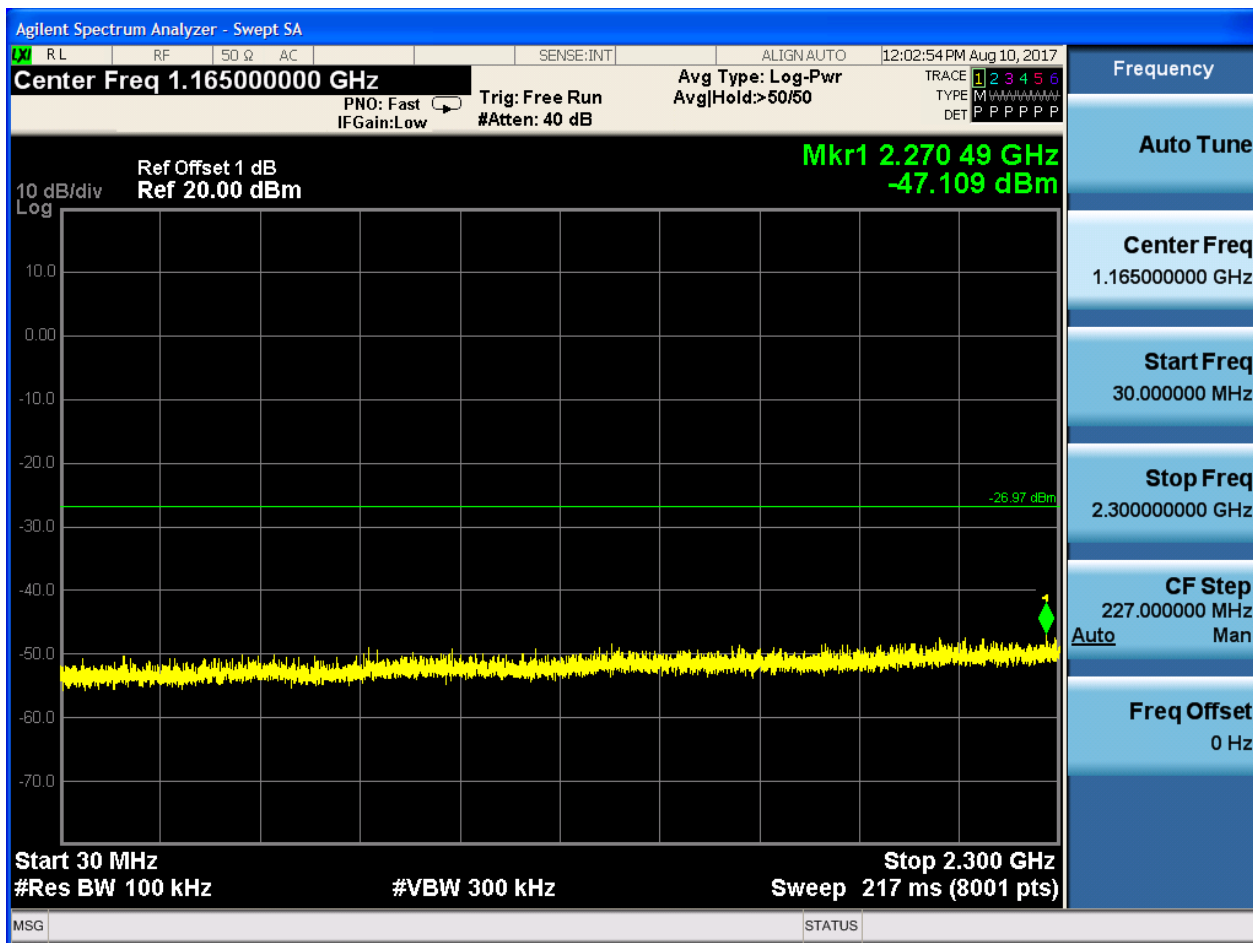


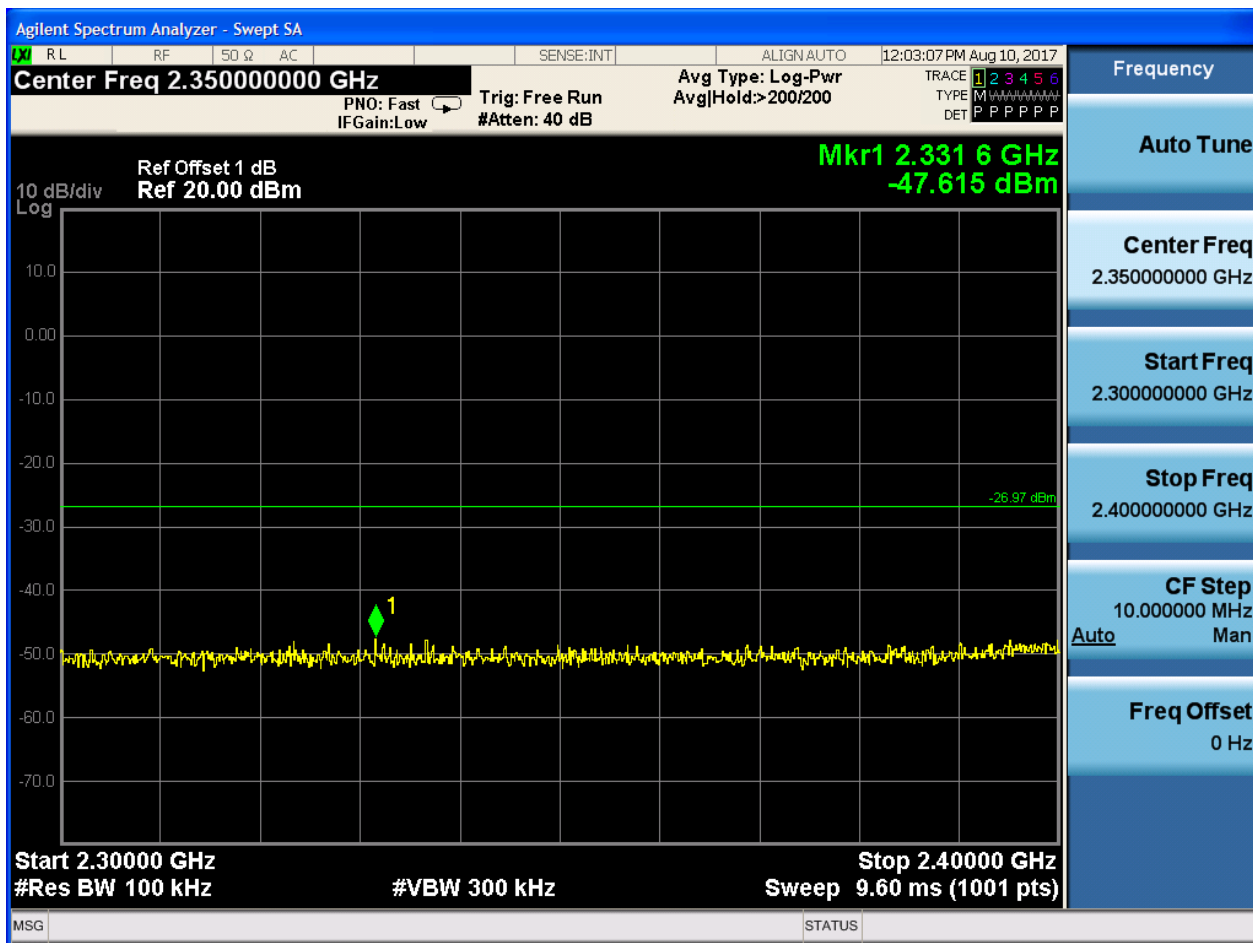


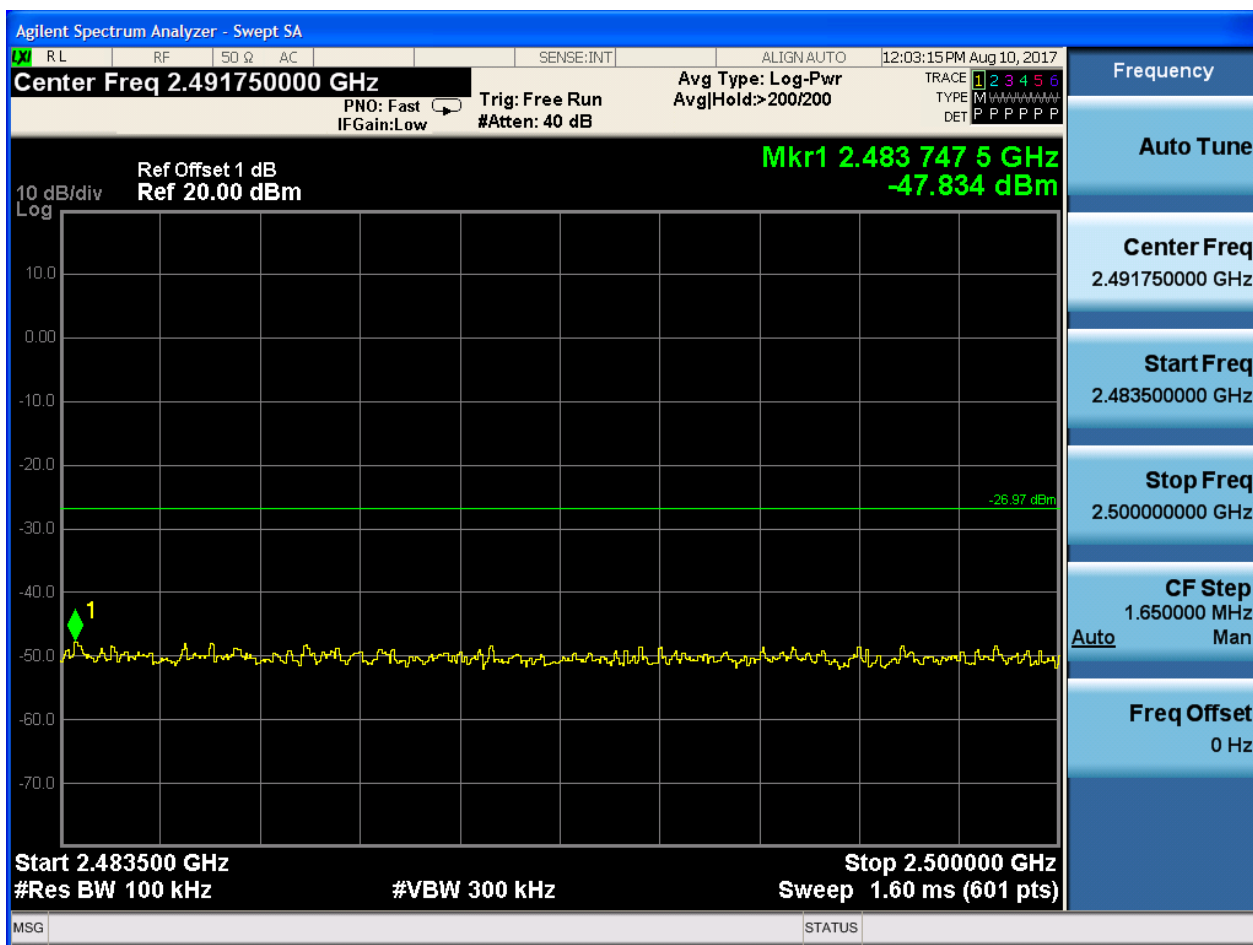
Puw:

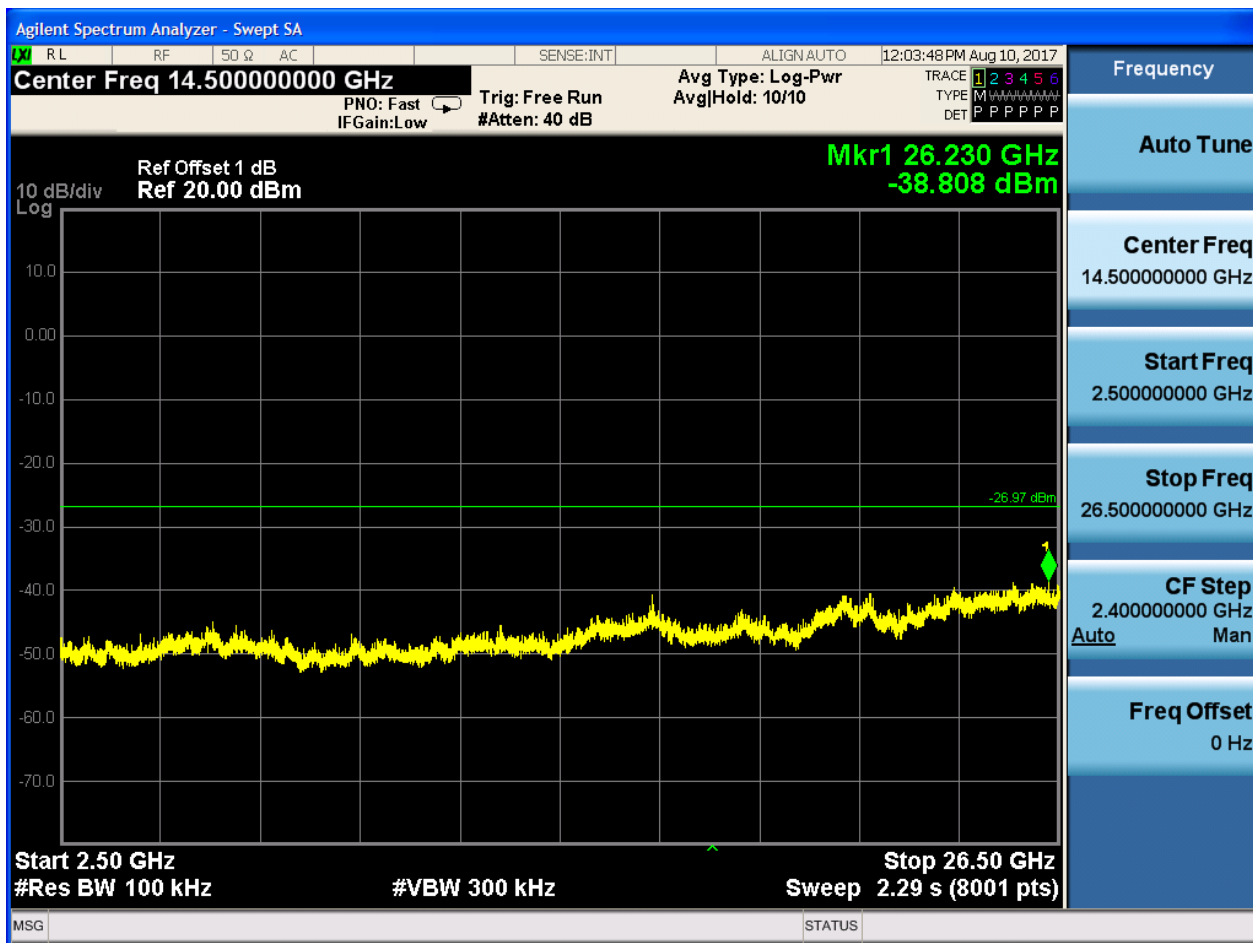








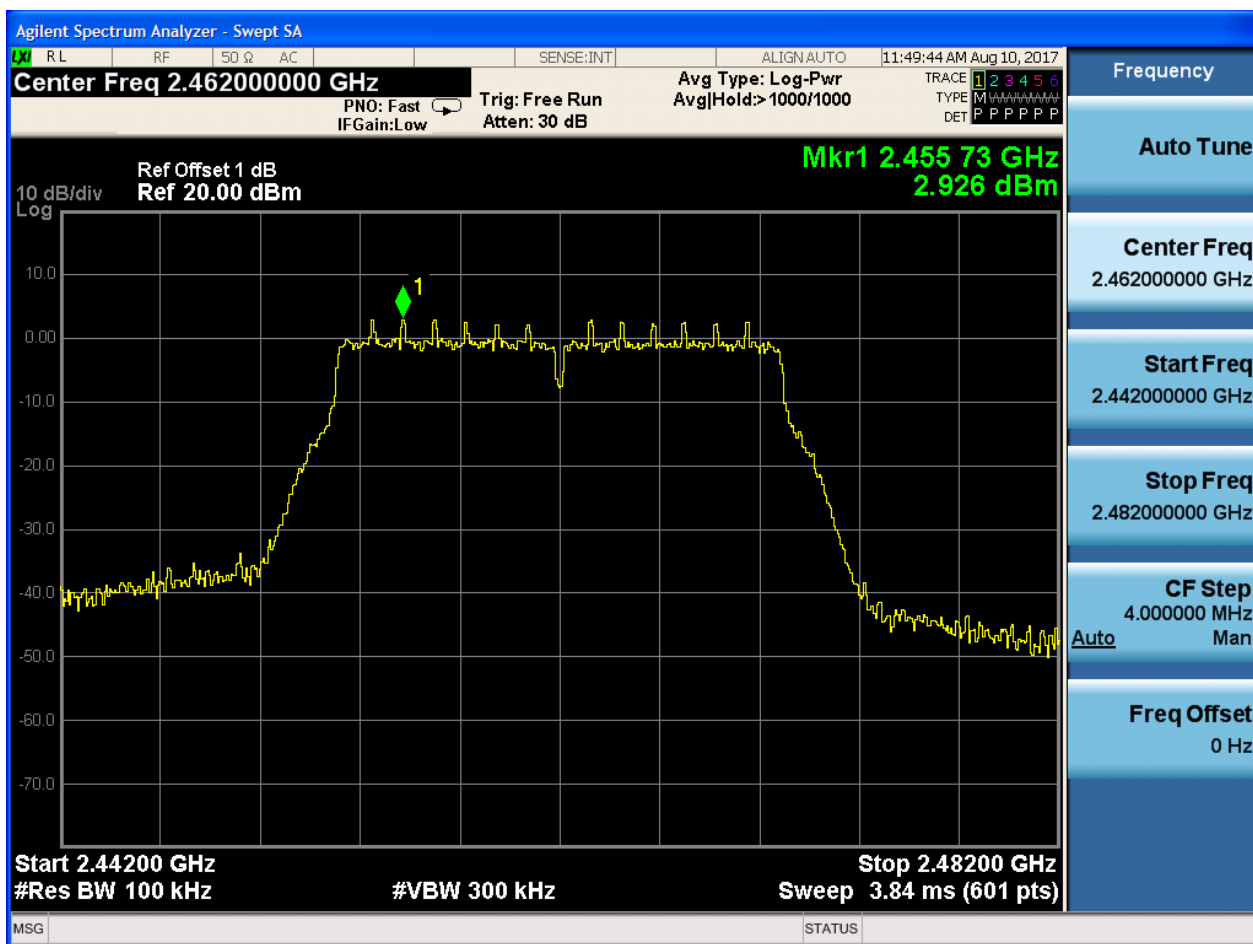






2.23 11N20m_H@Ant 1

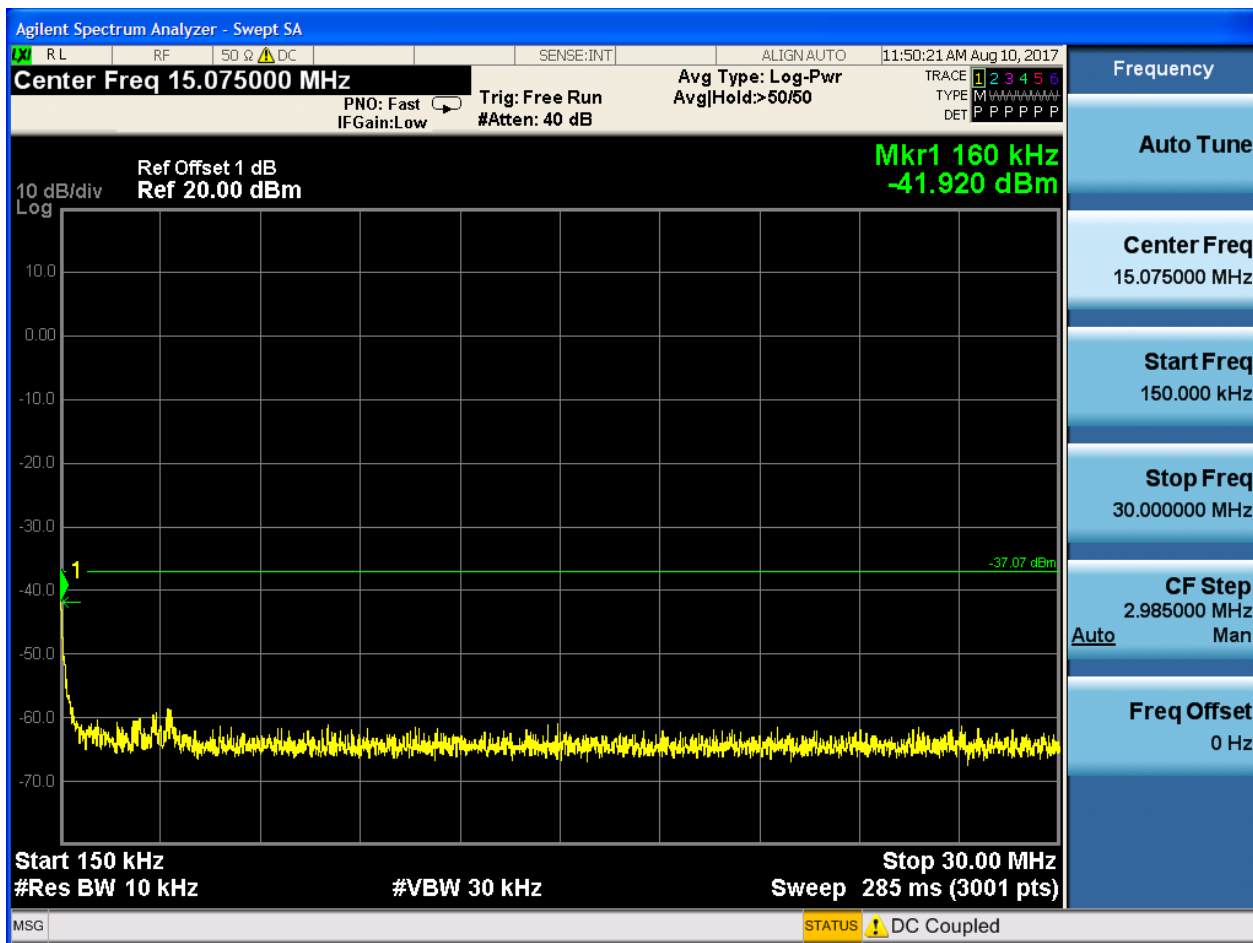
Pref:

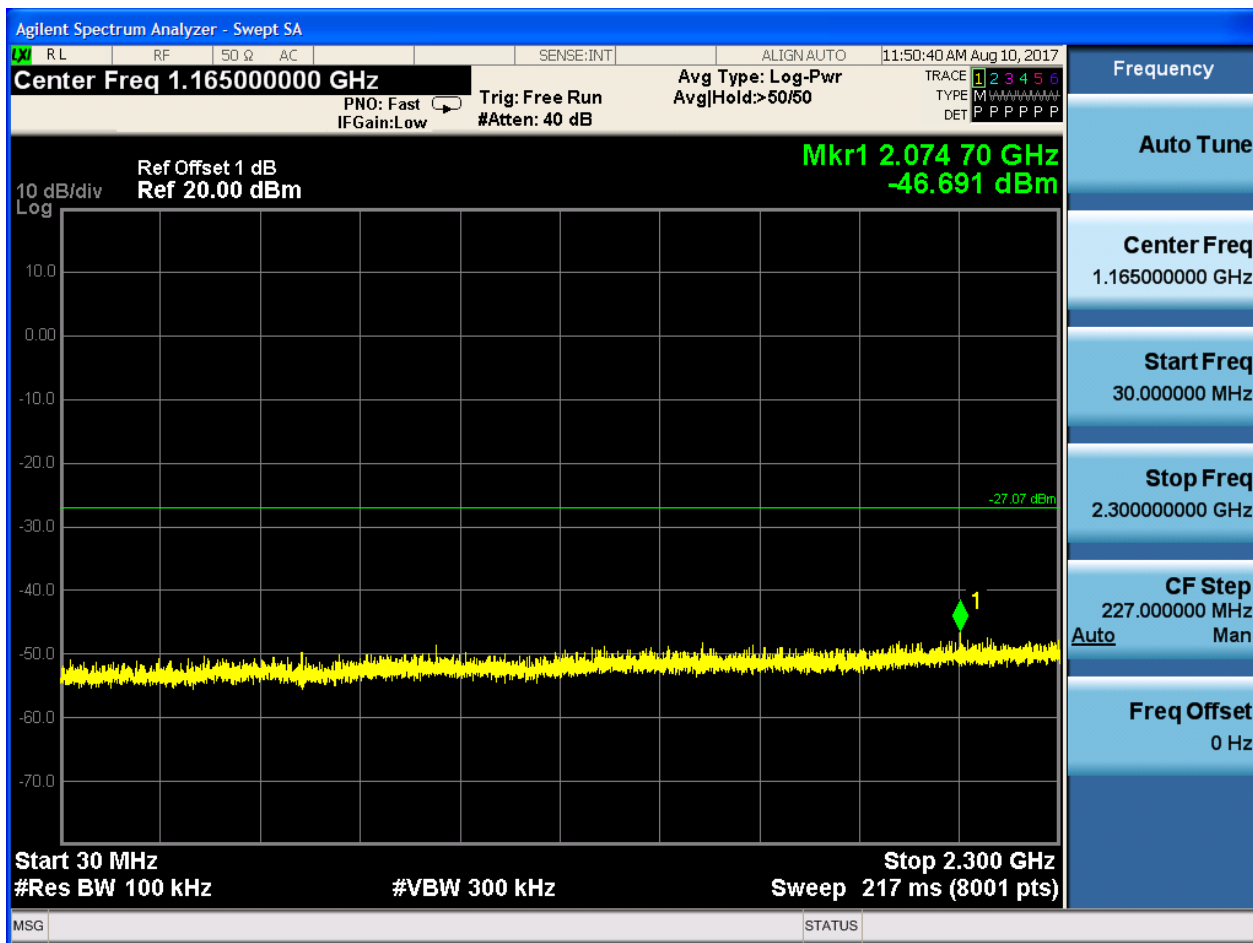


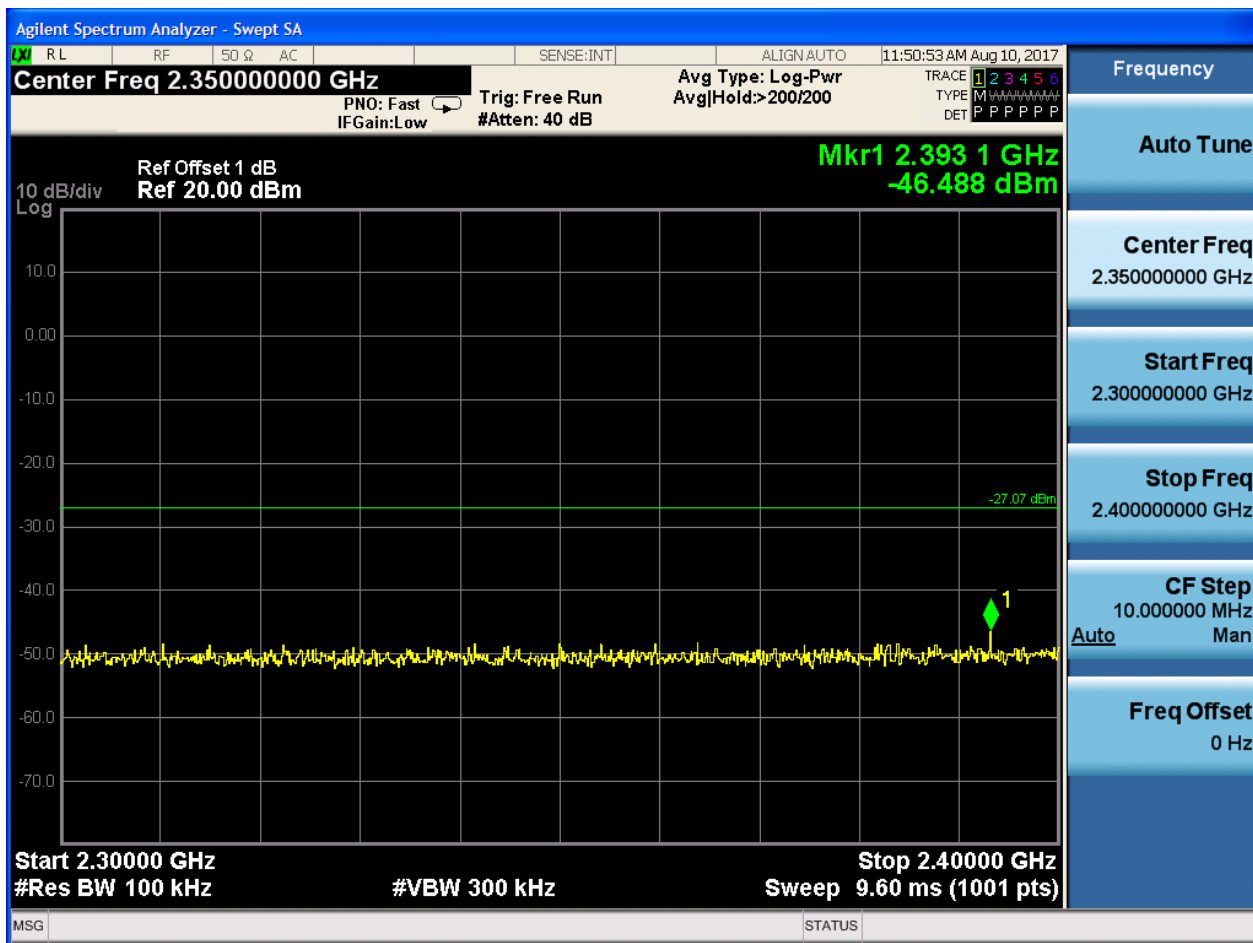


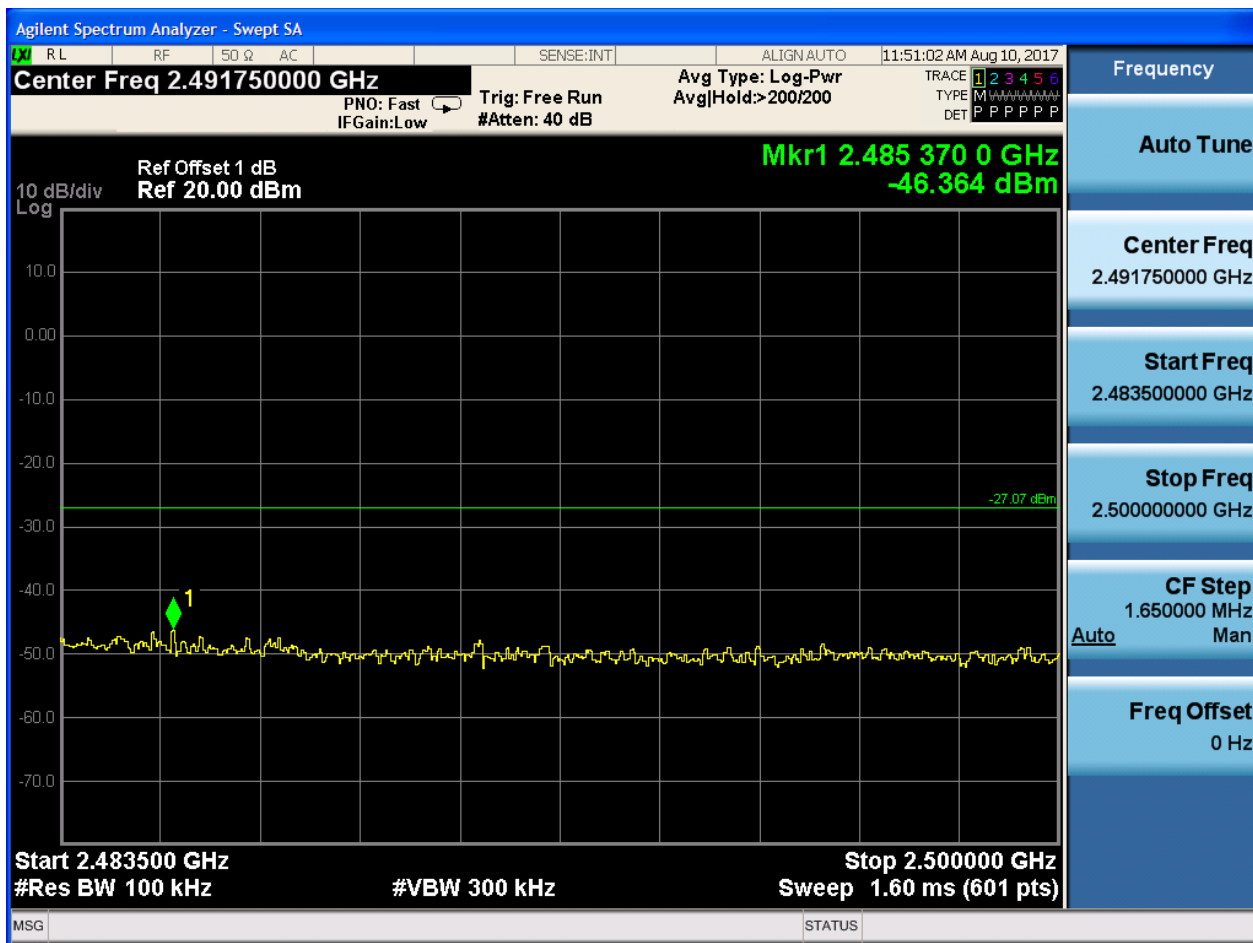
Puw:









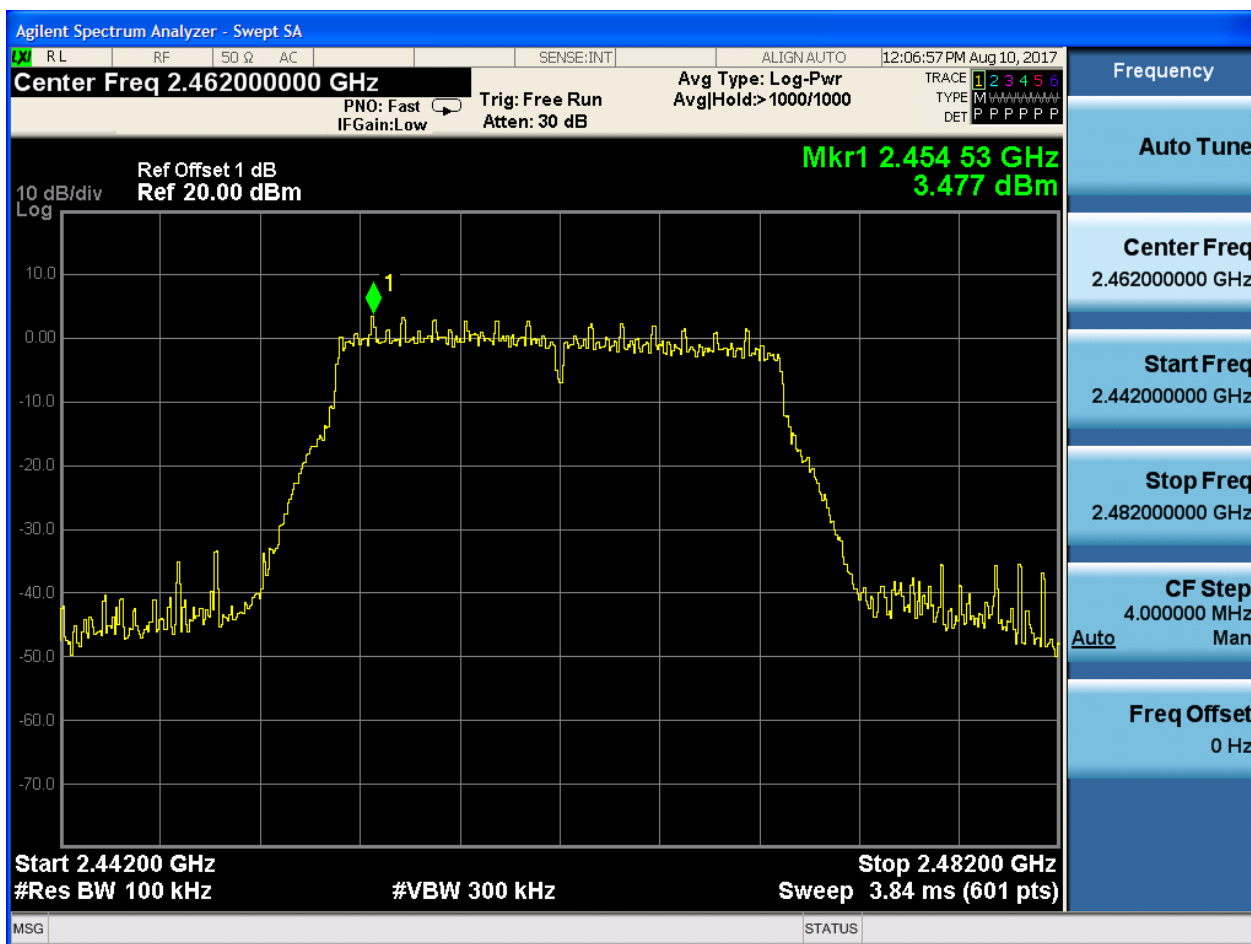






2.24 11N20m_H@Ant 2

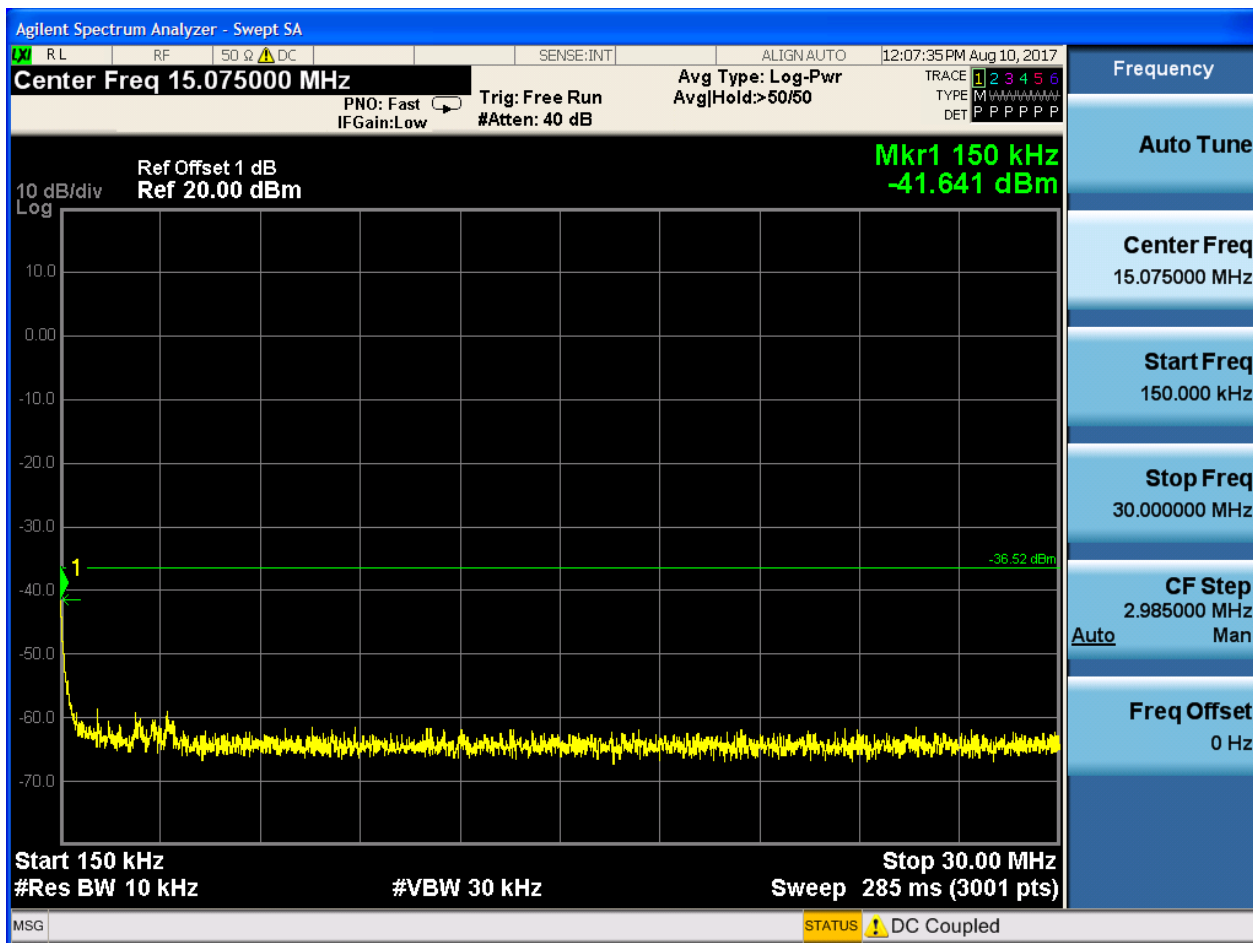
Pref:

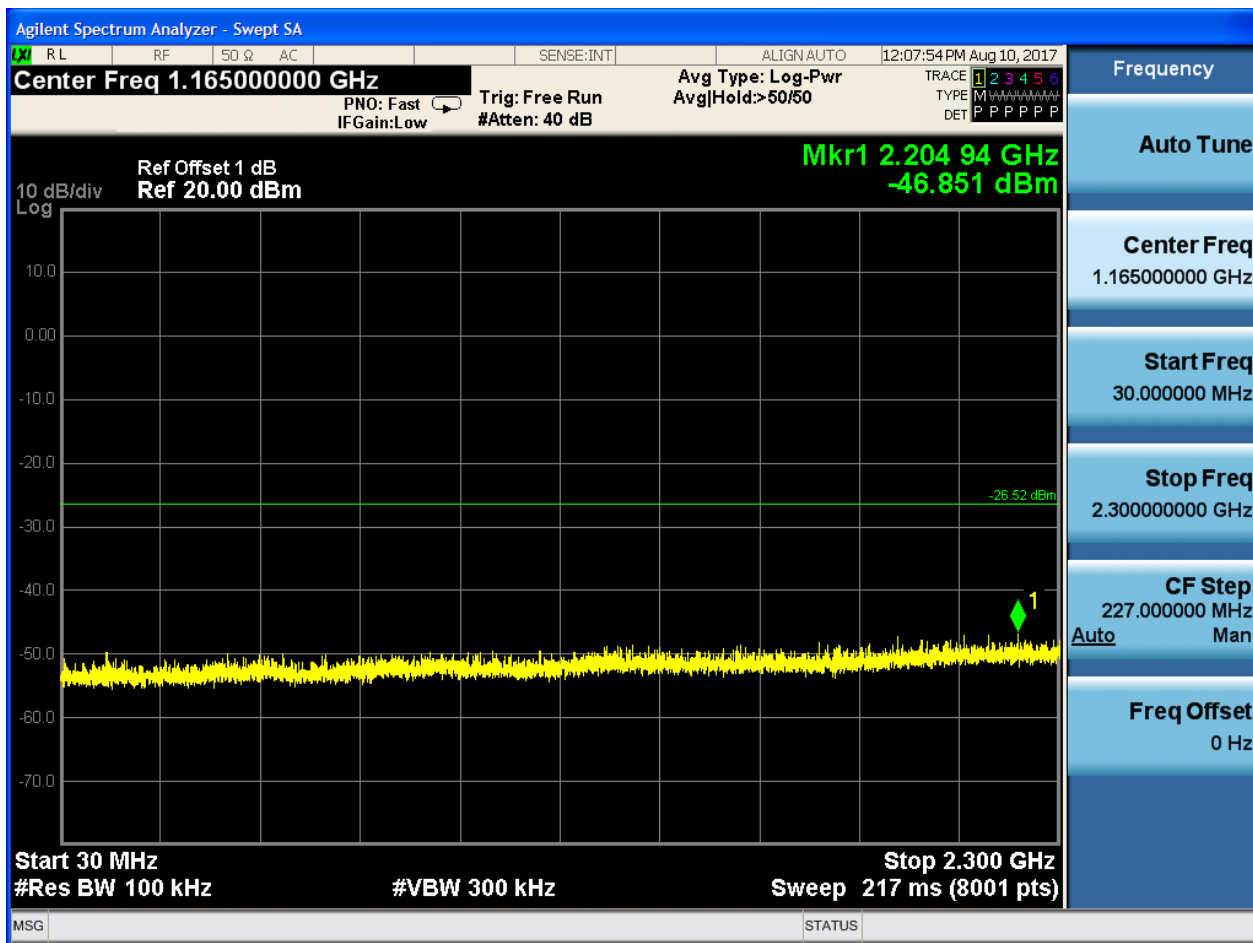


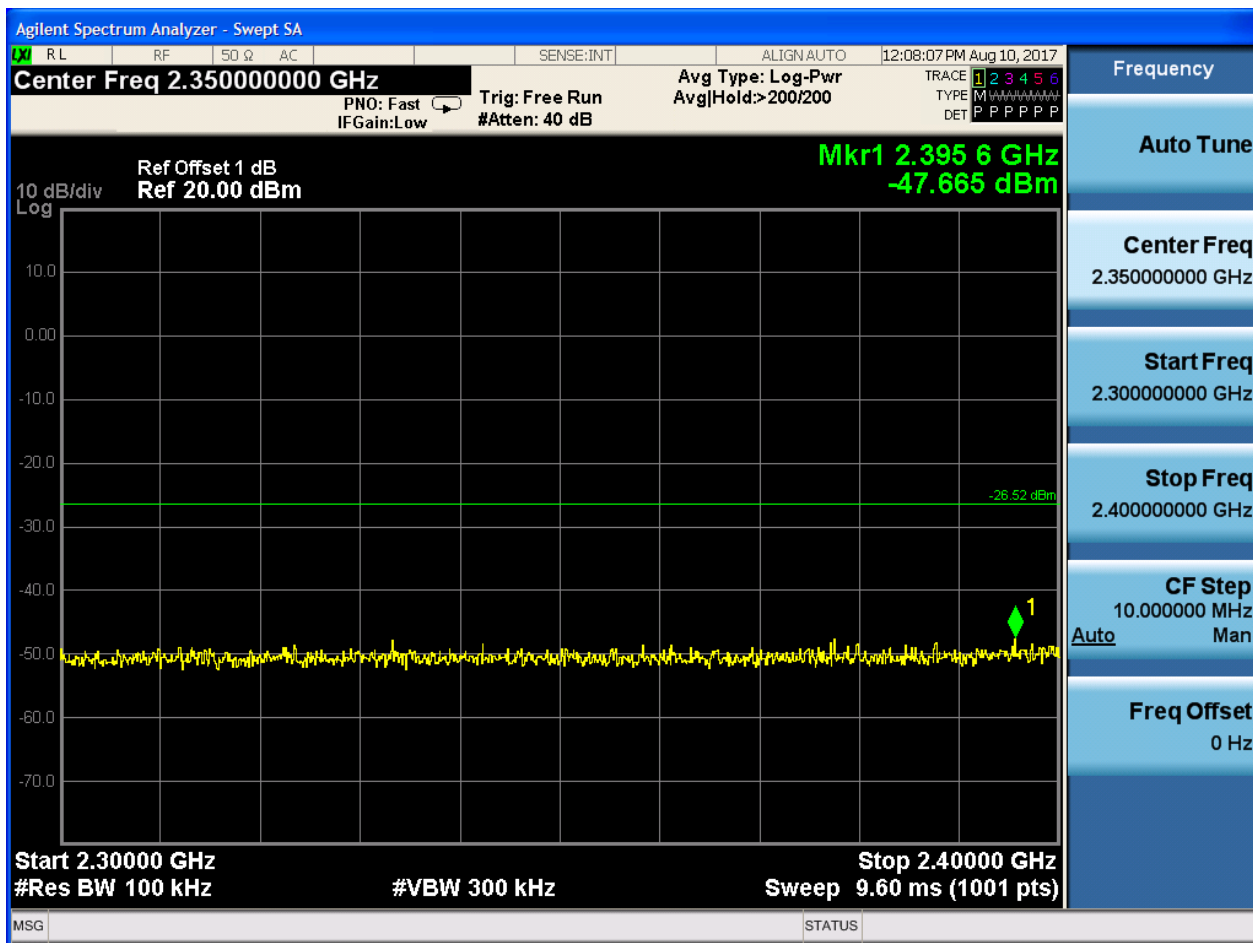


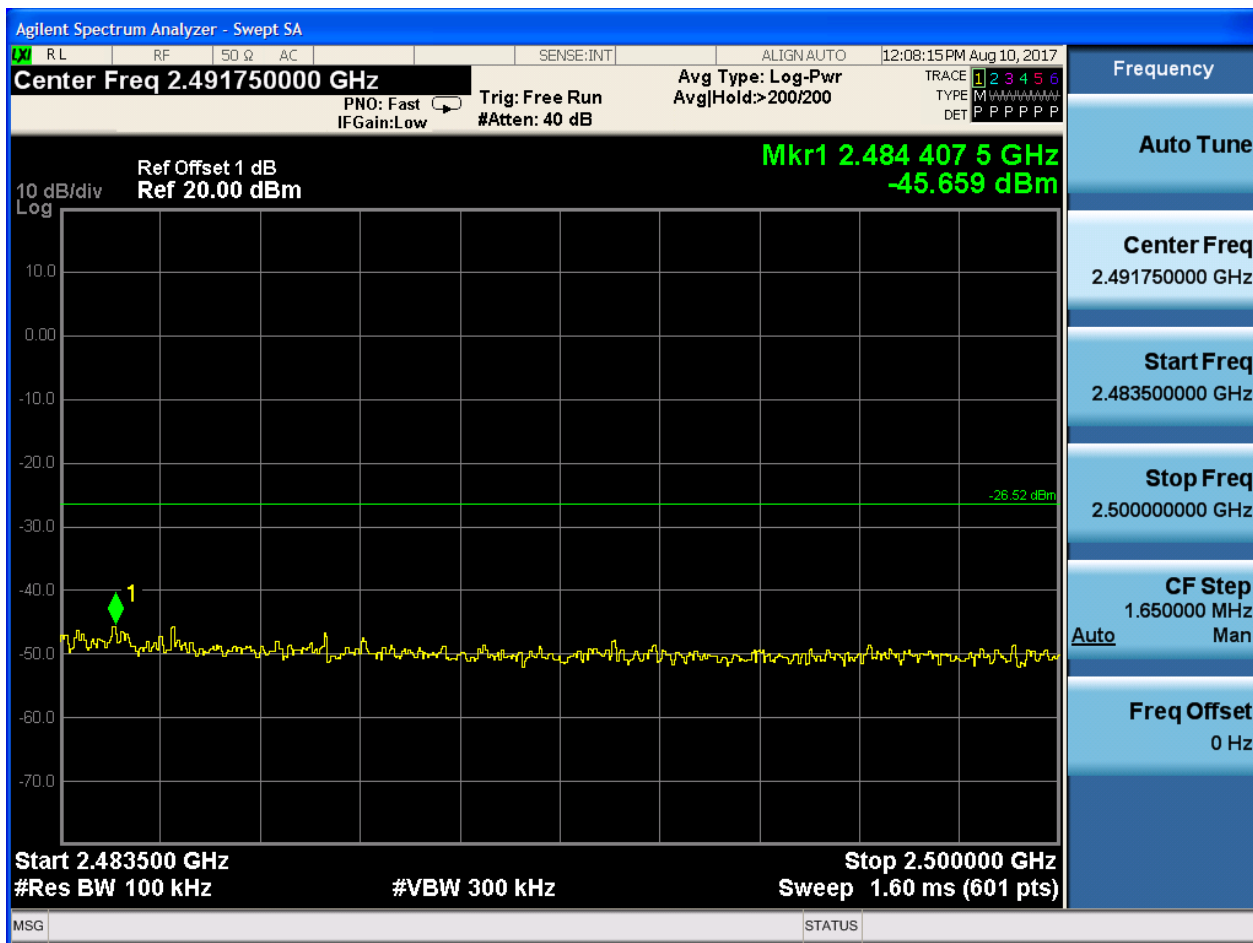
Puw:

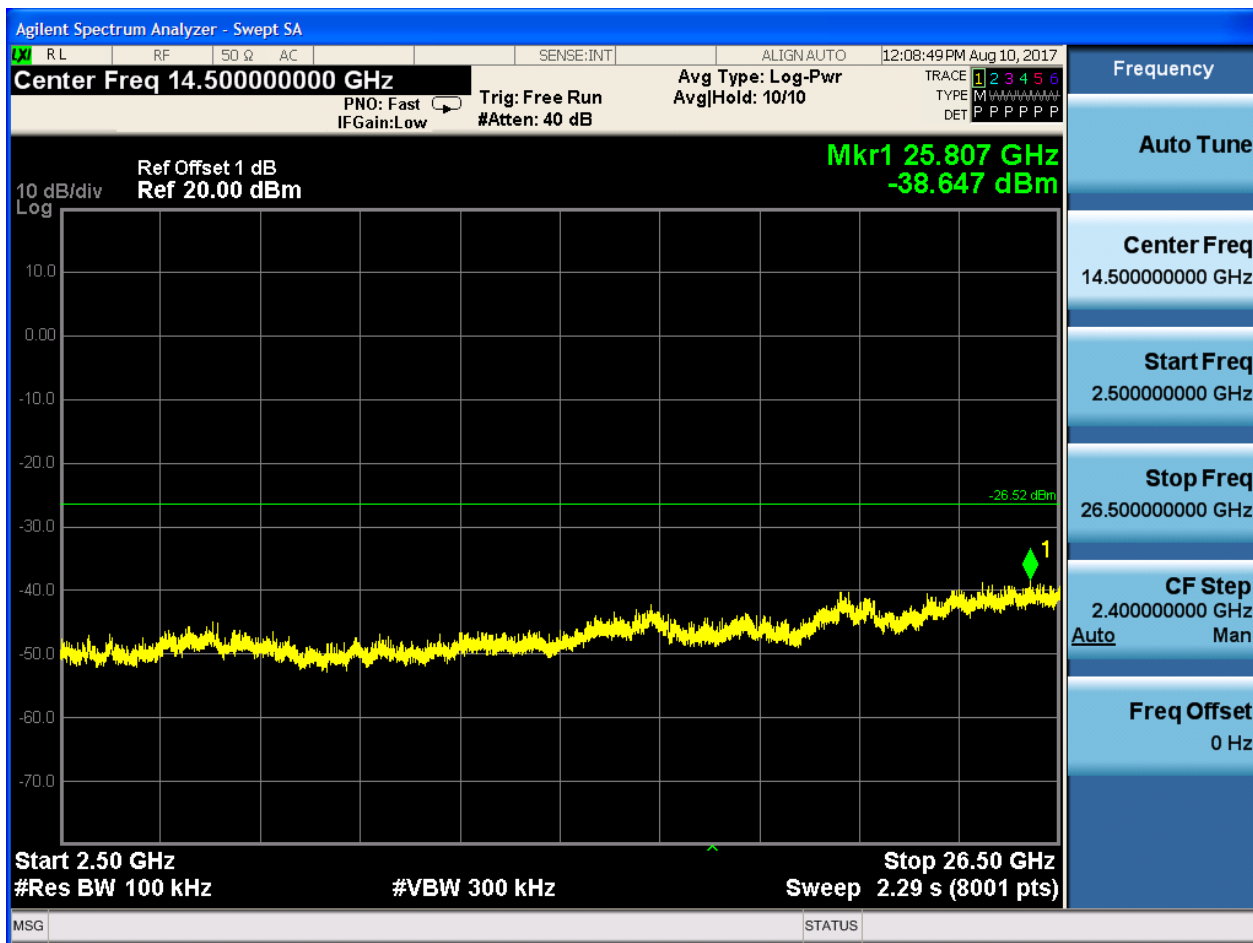






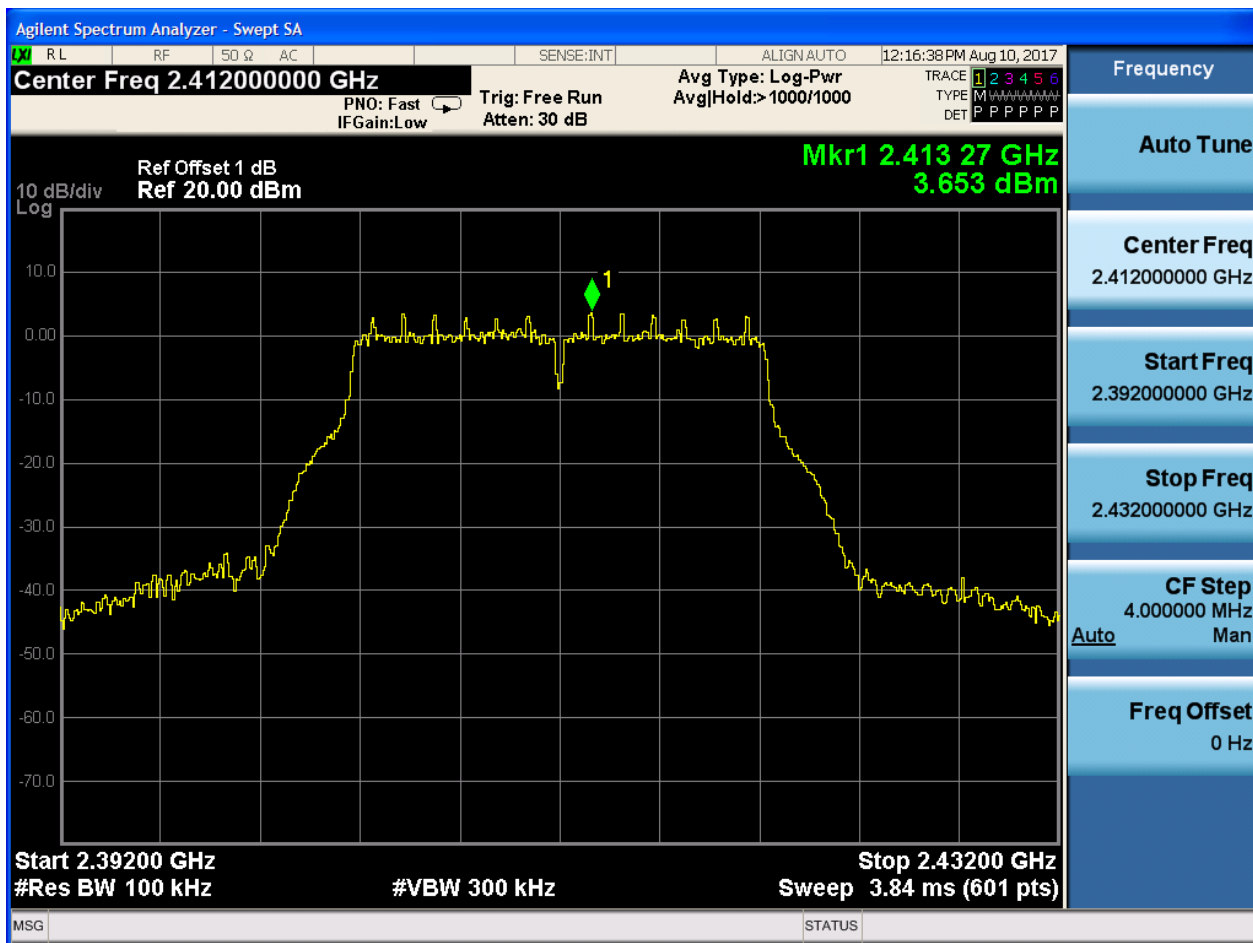






2.25 11G_CDD L@Ant 1

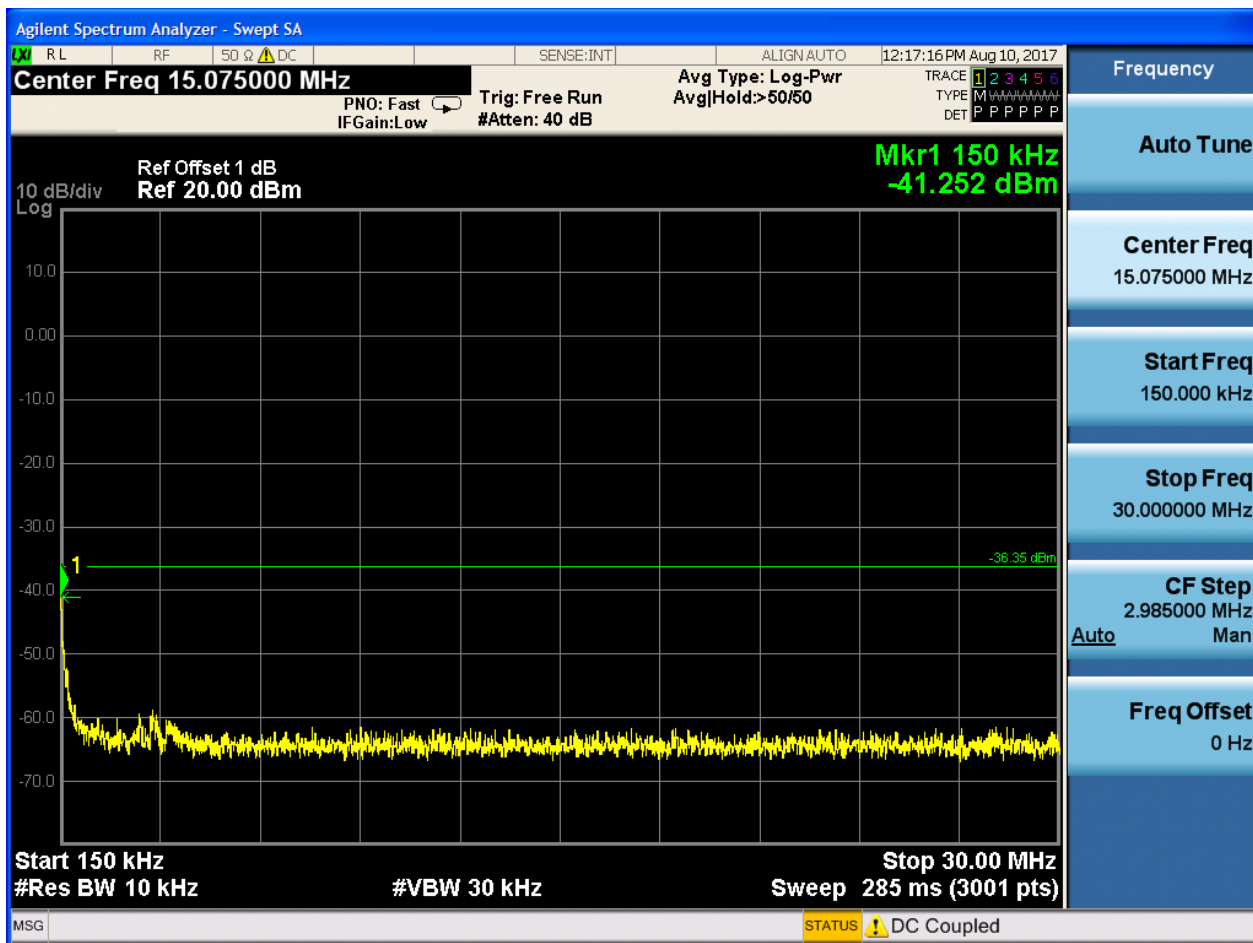
Pref:

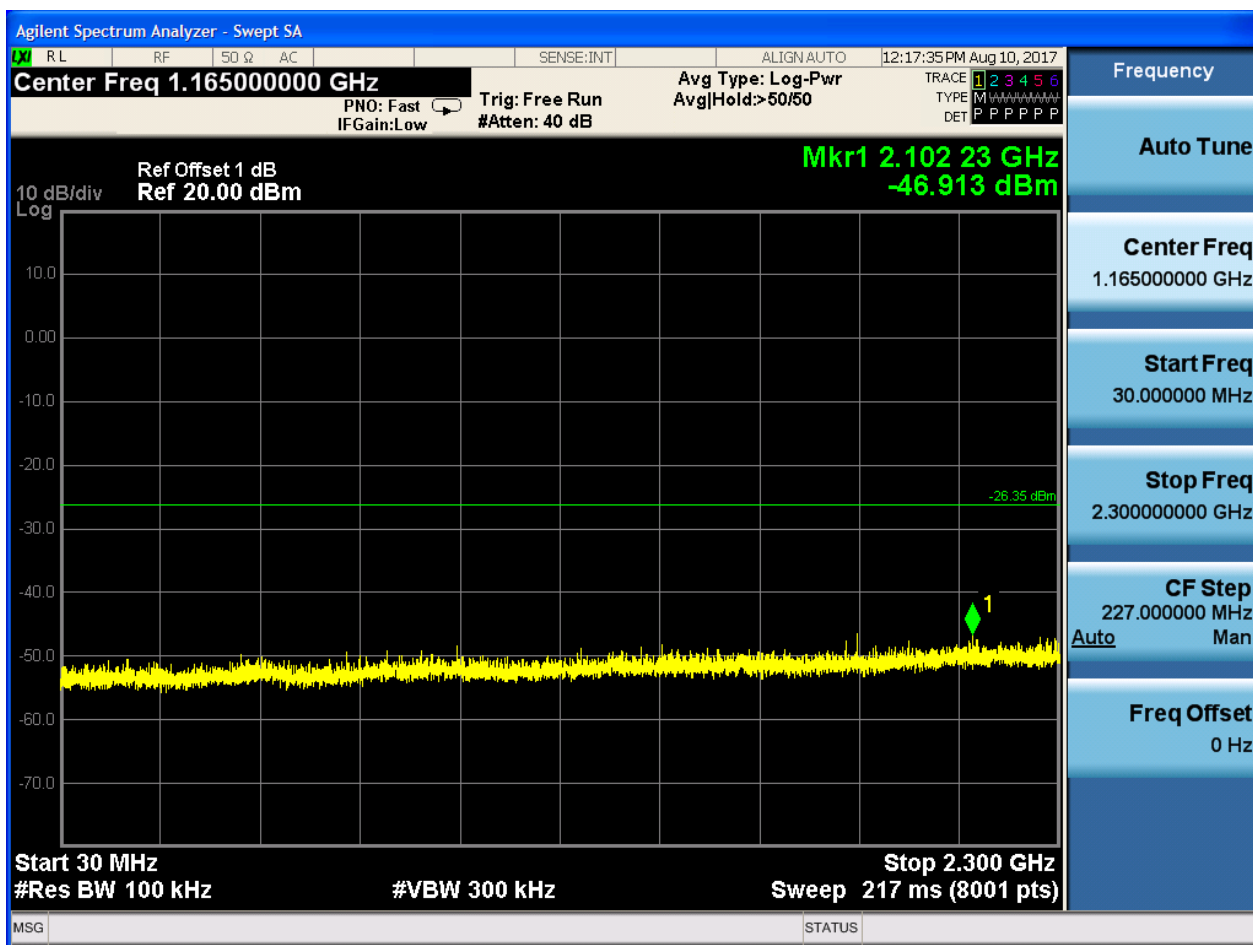


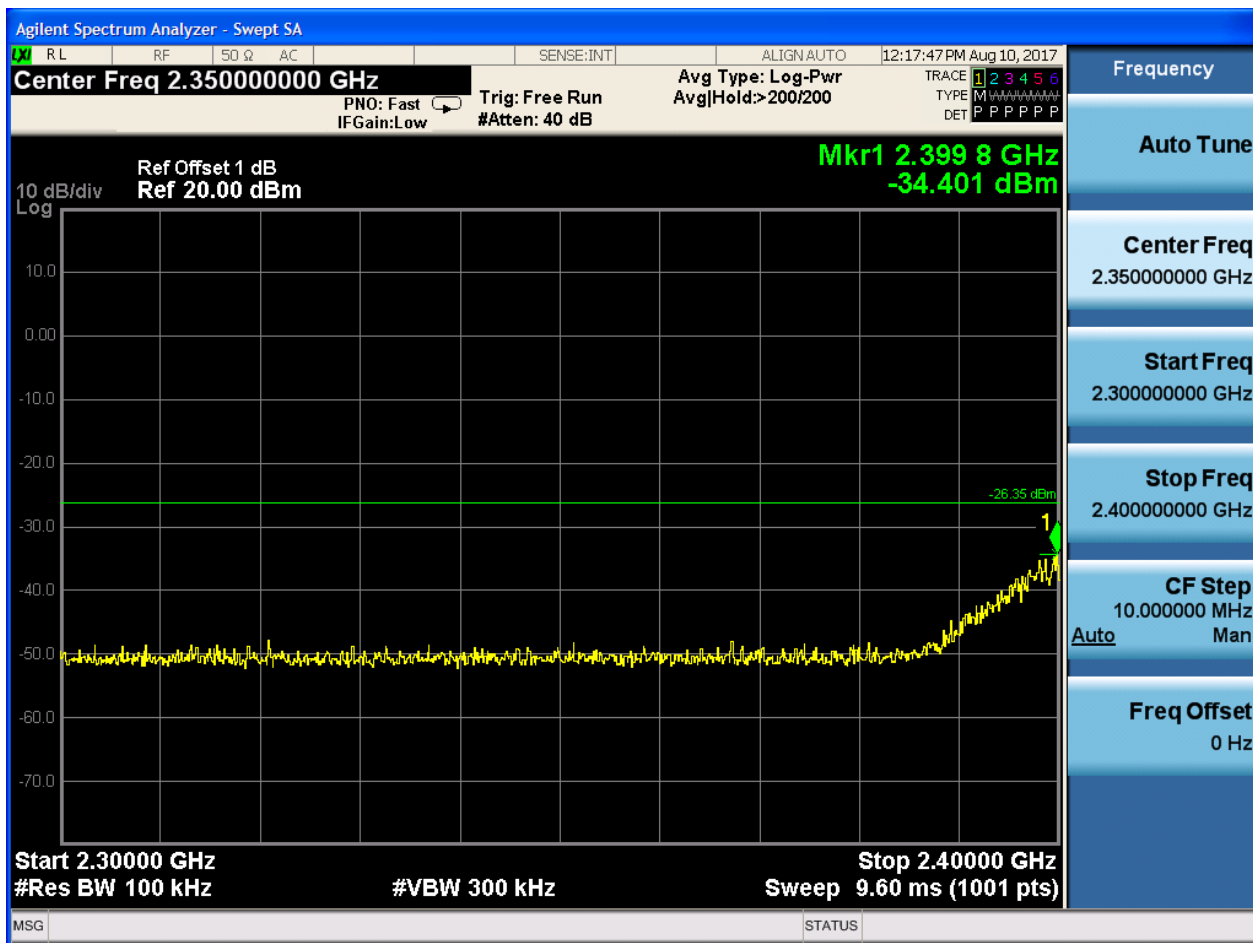


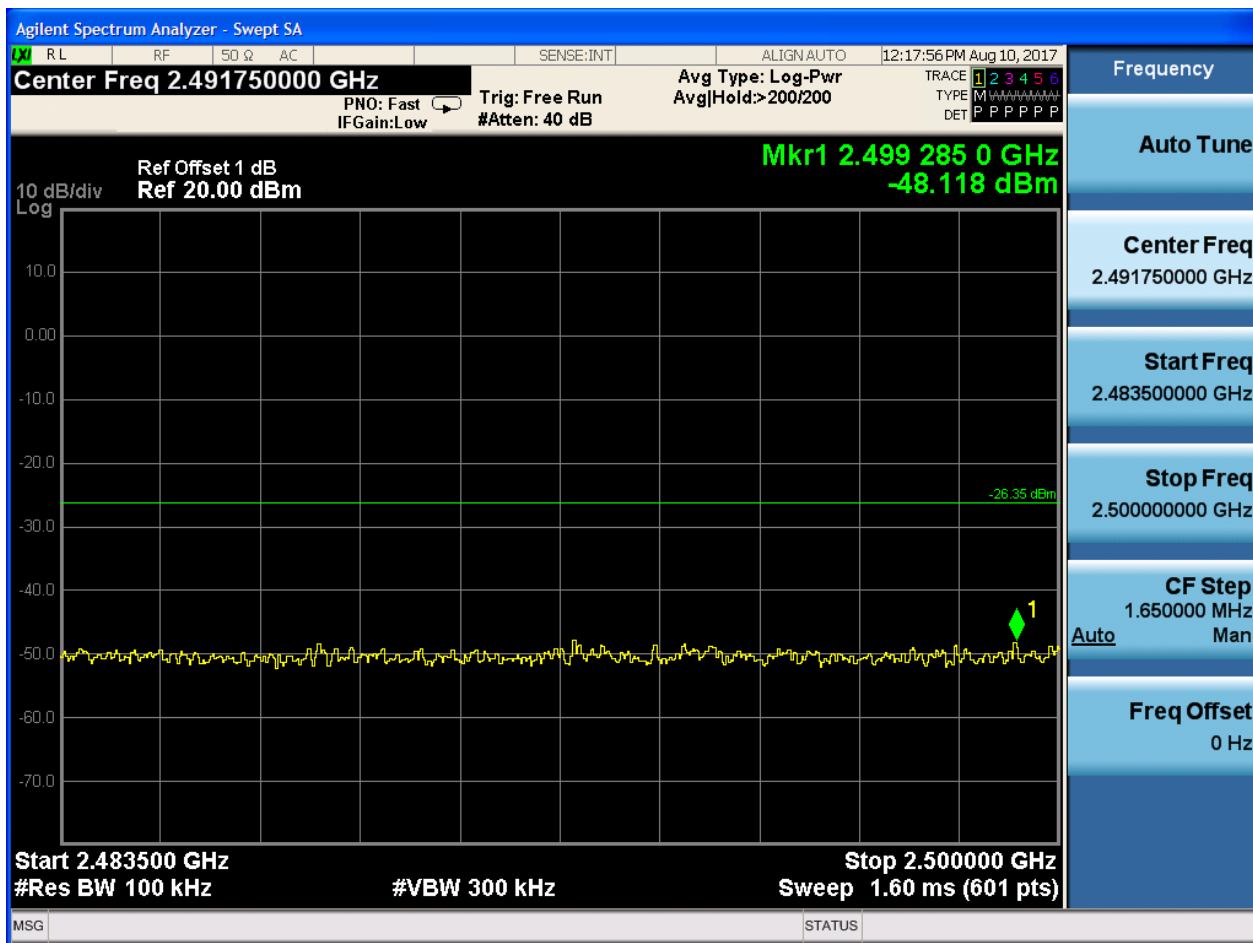
Puw:

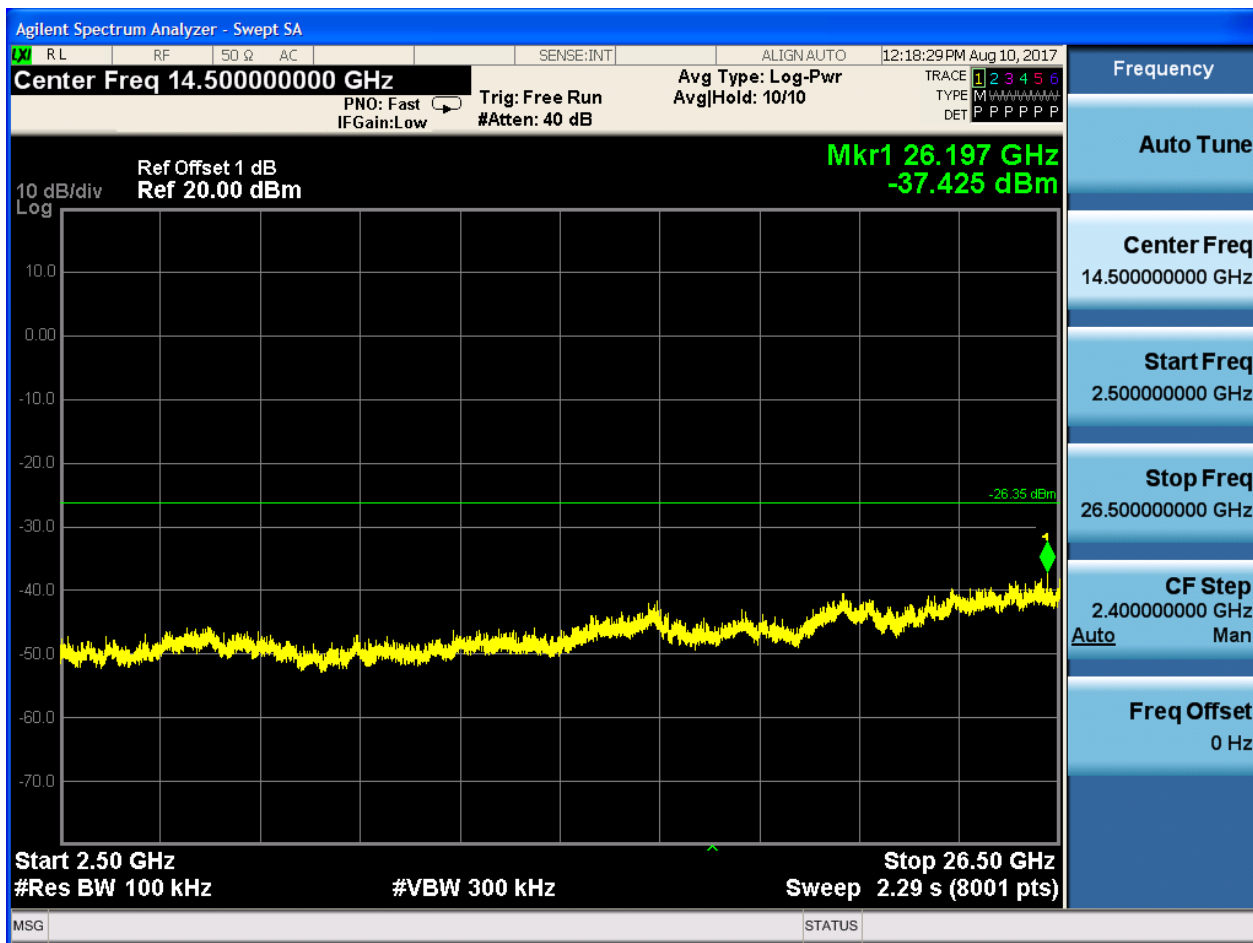








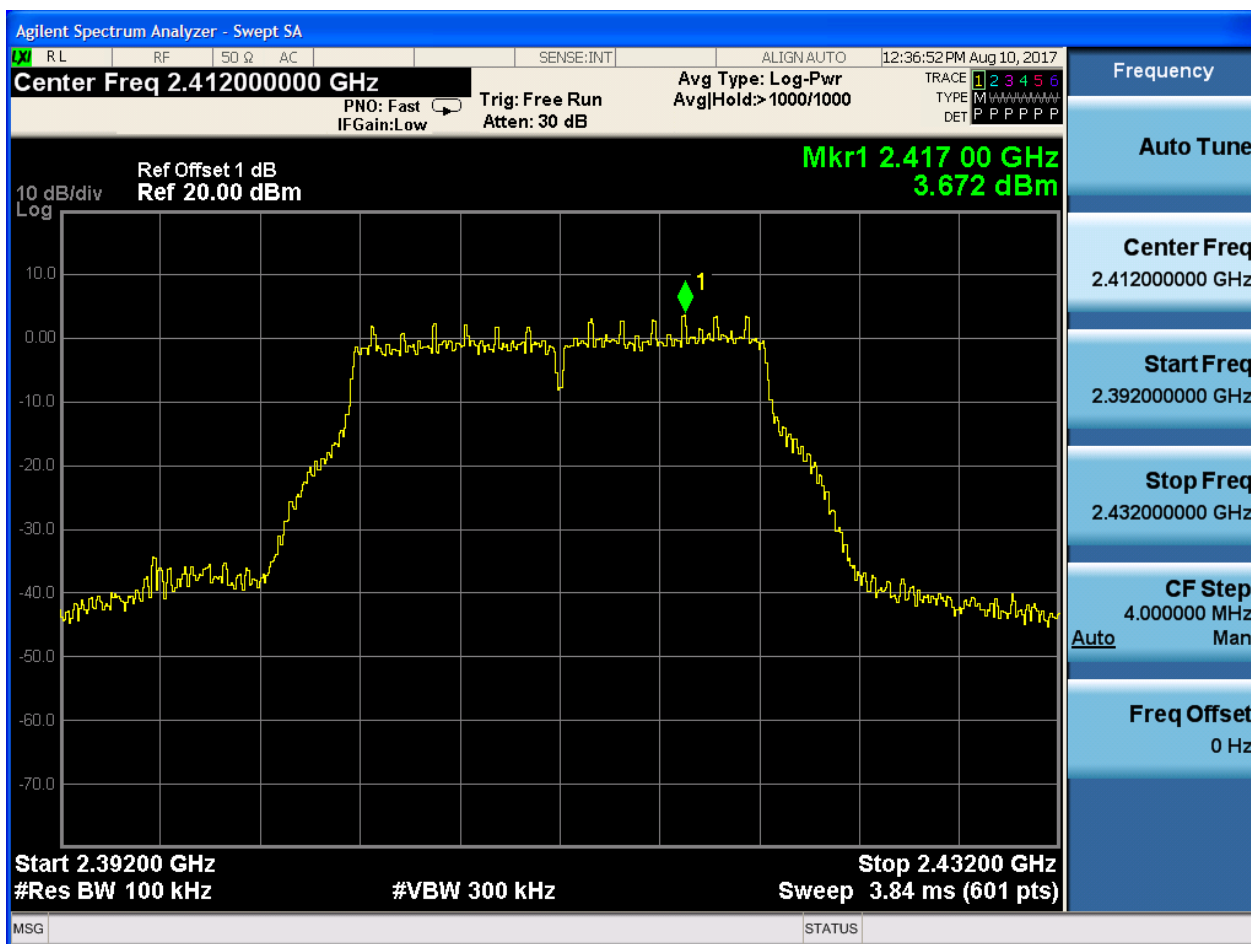






2.26 11G_CDD L@Ant 2

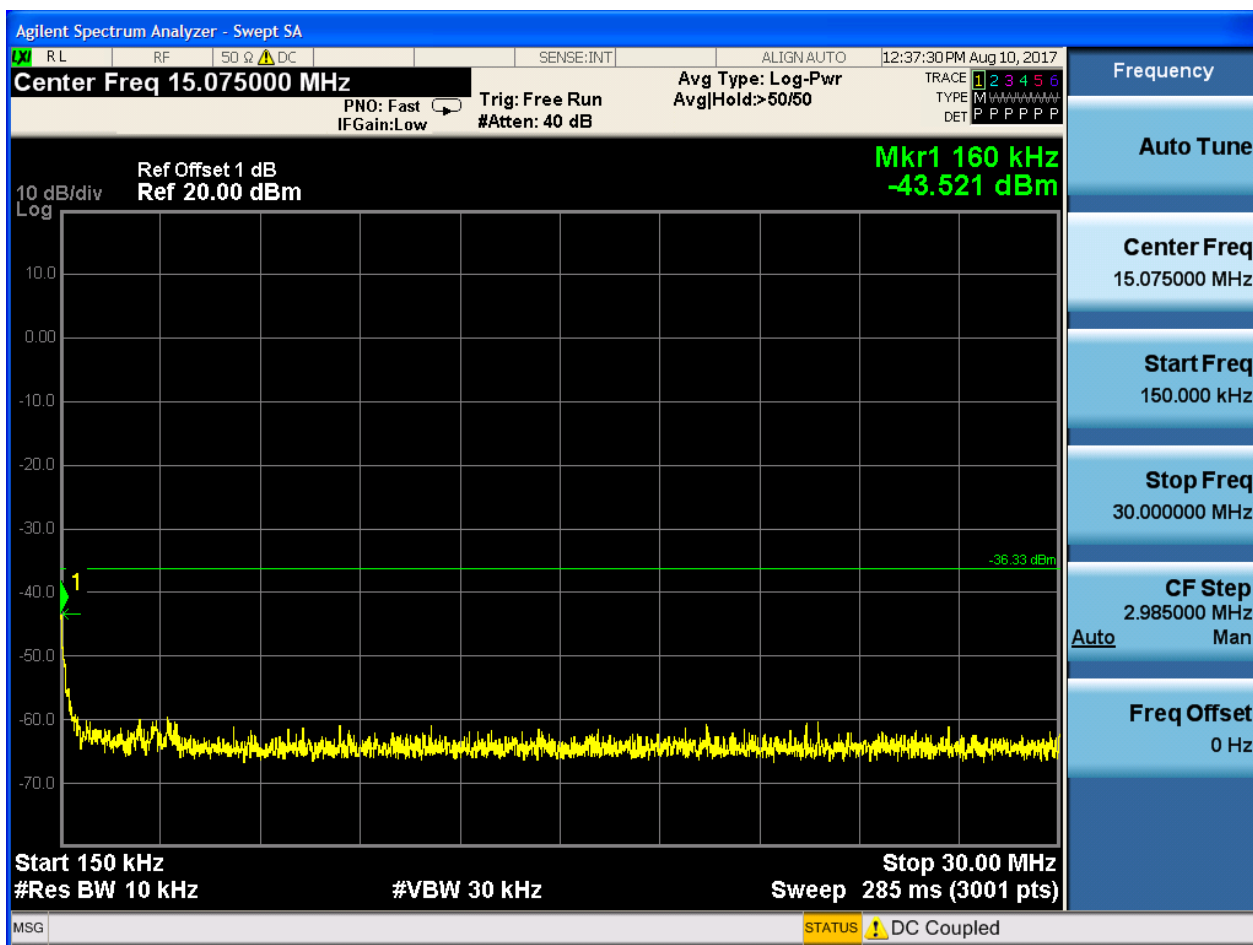
Pref:

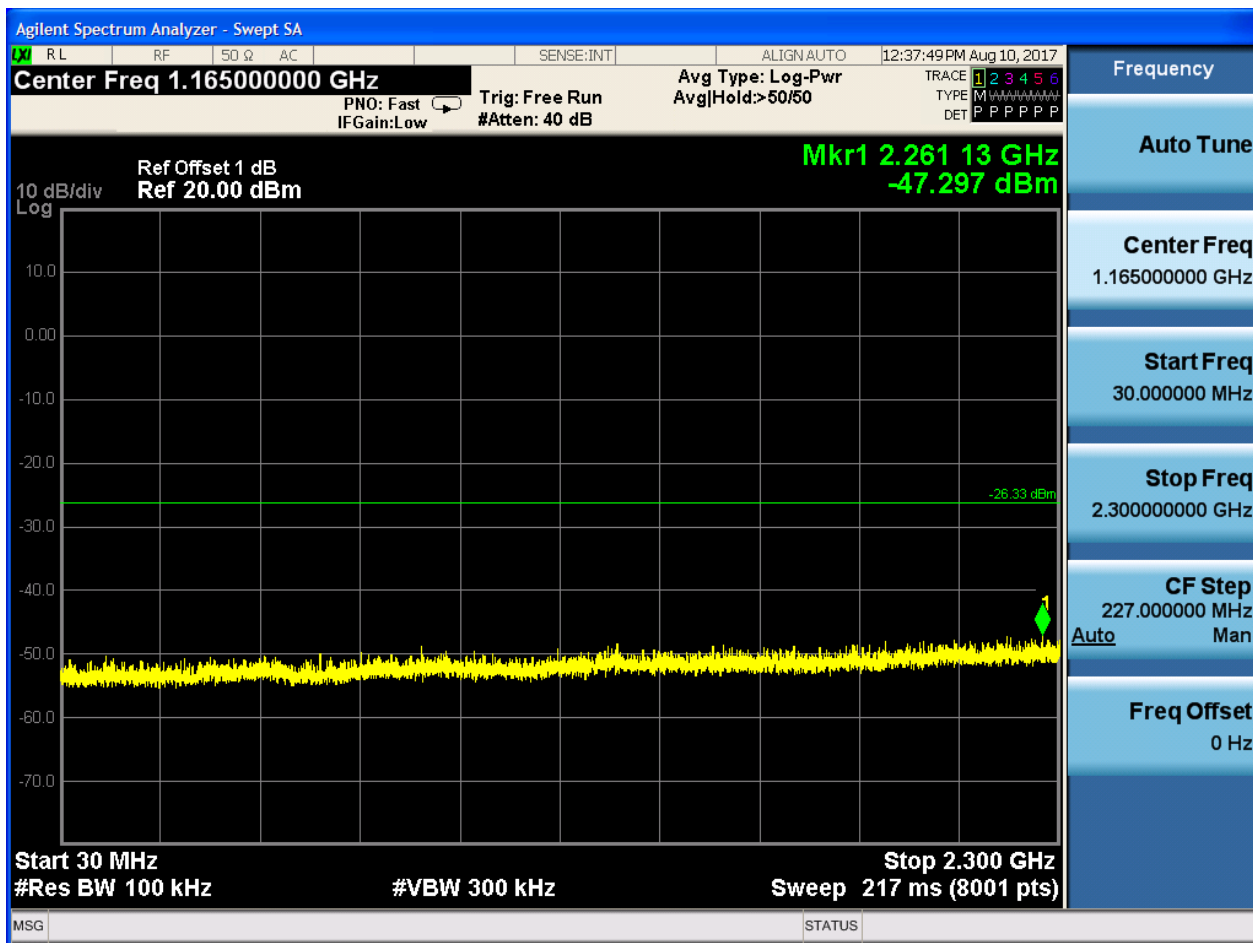


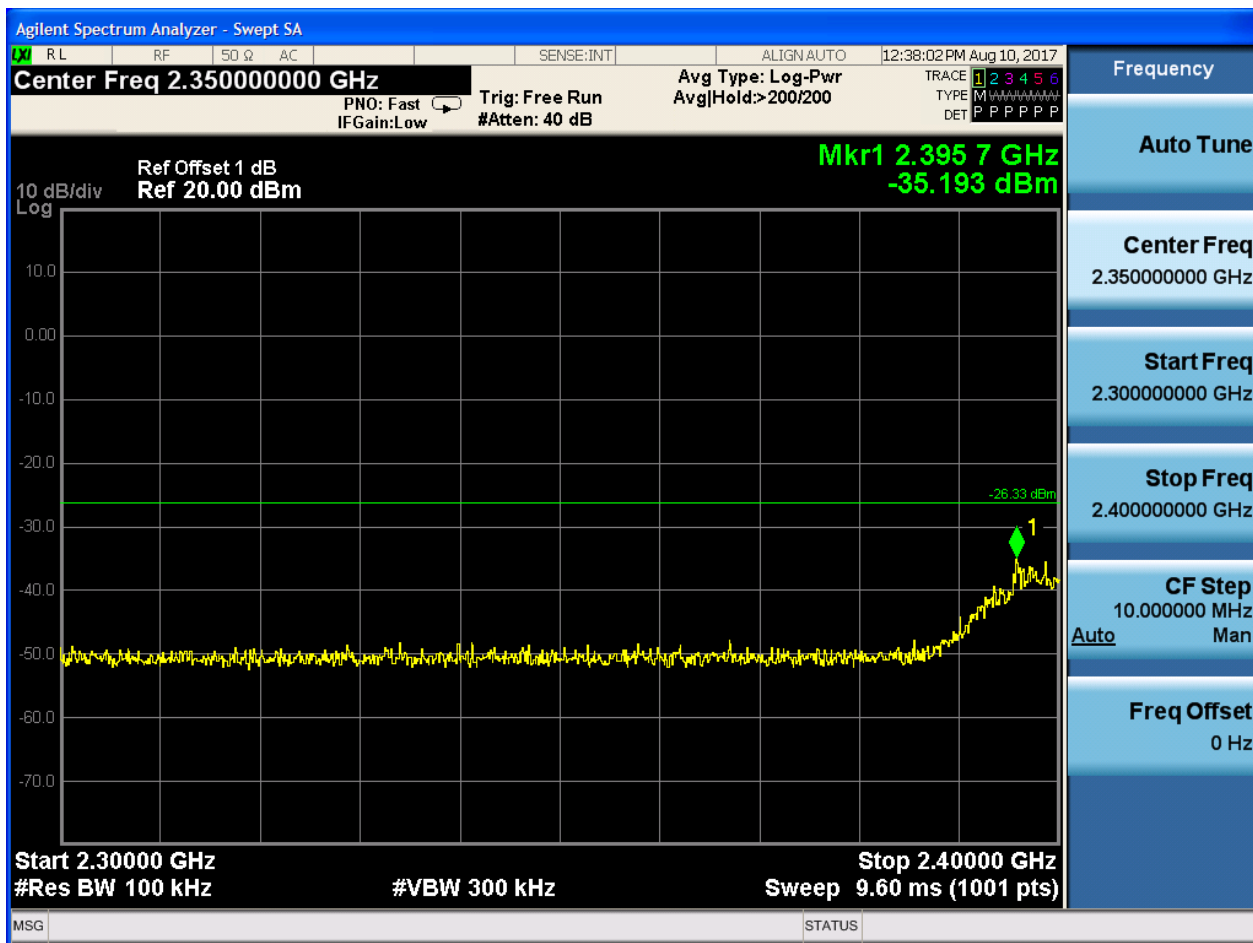


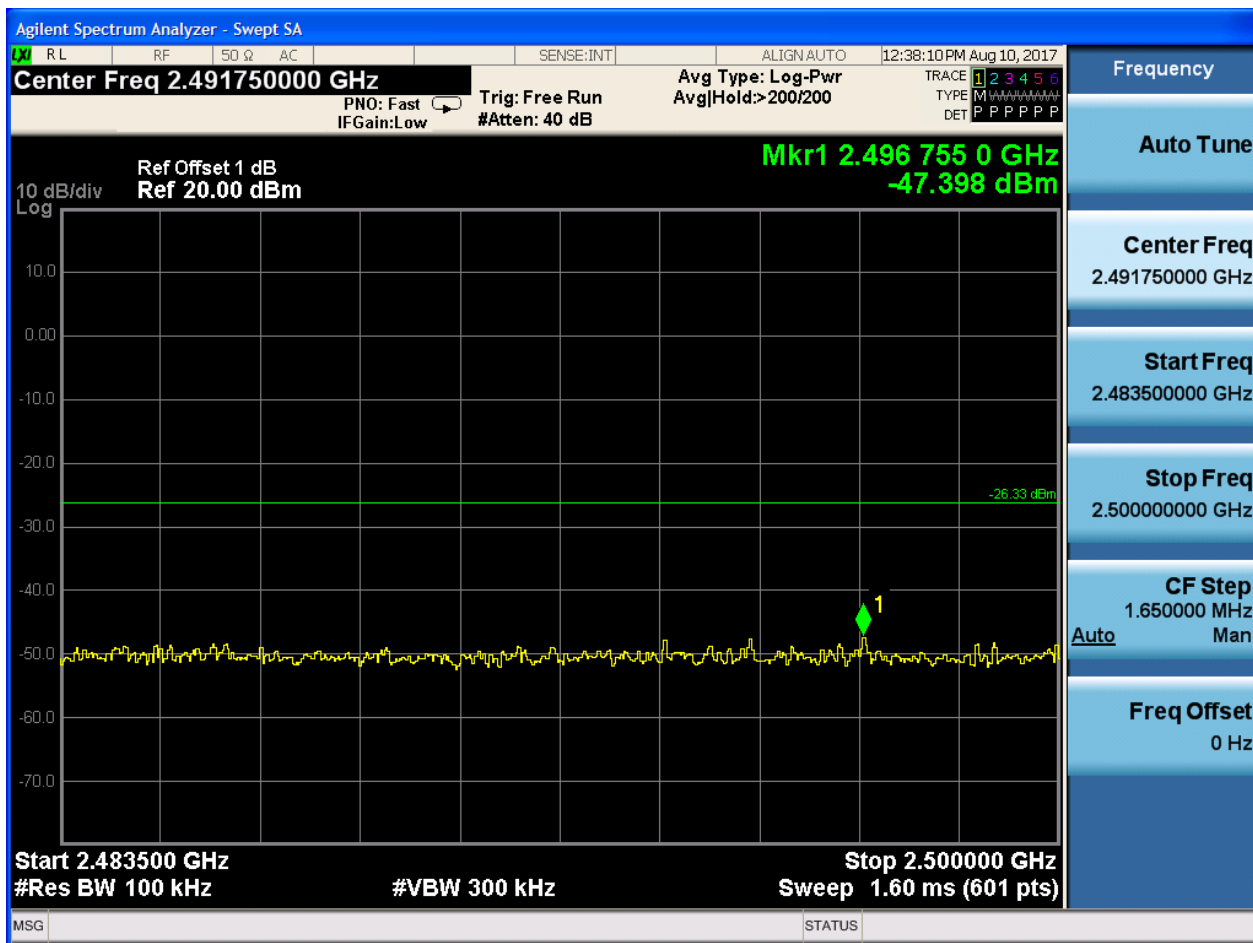
Puw:

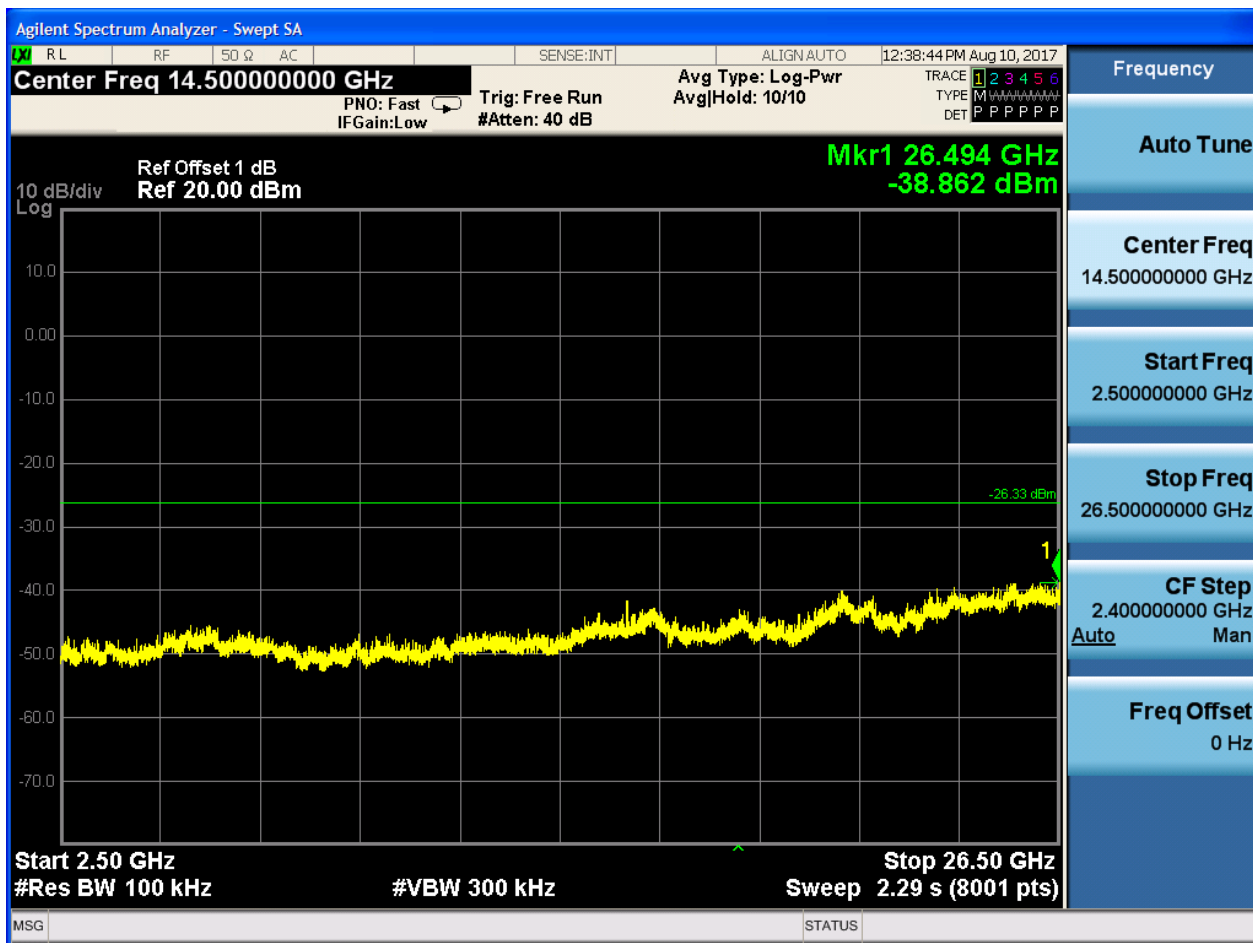








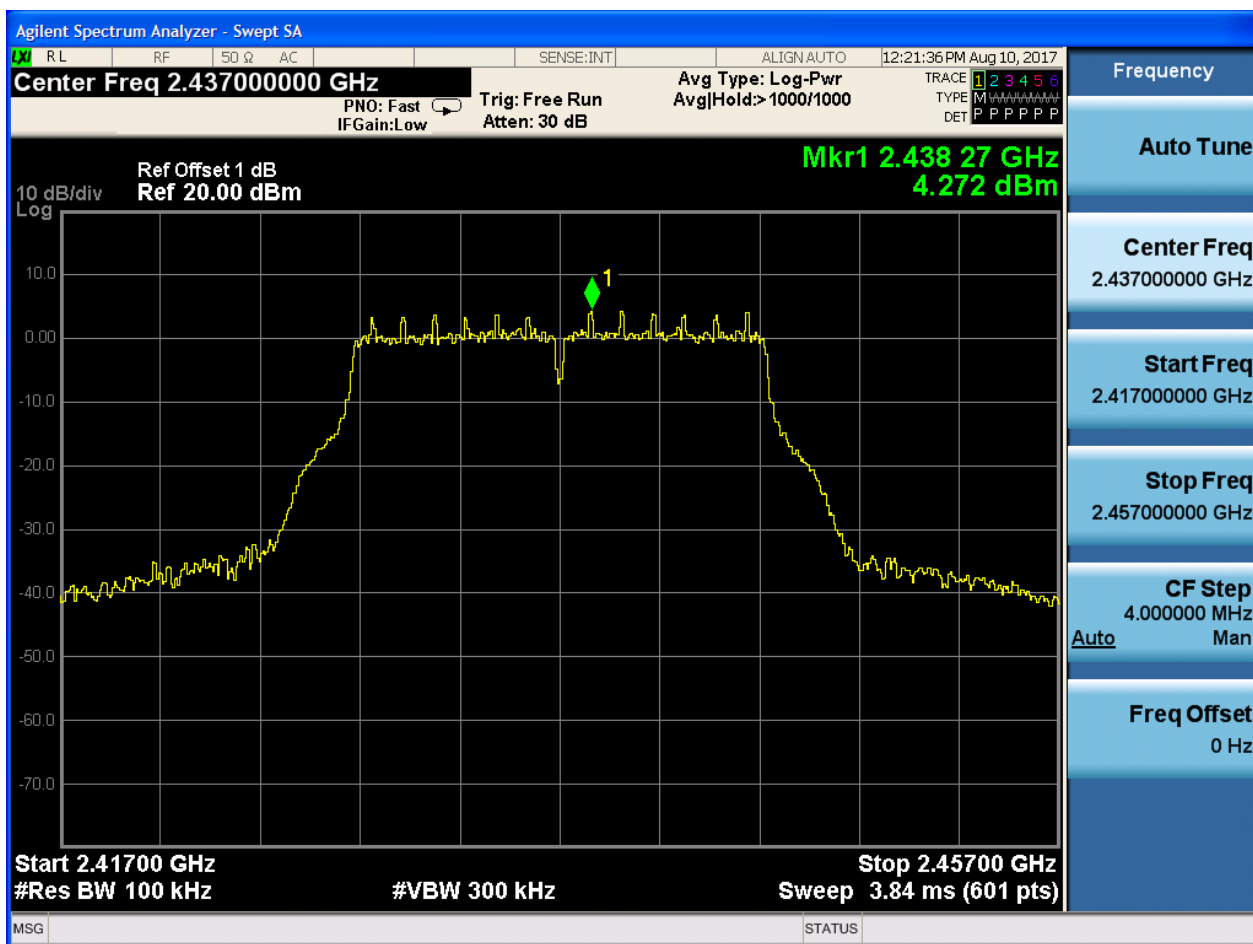




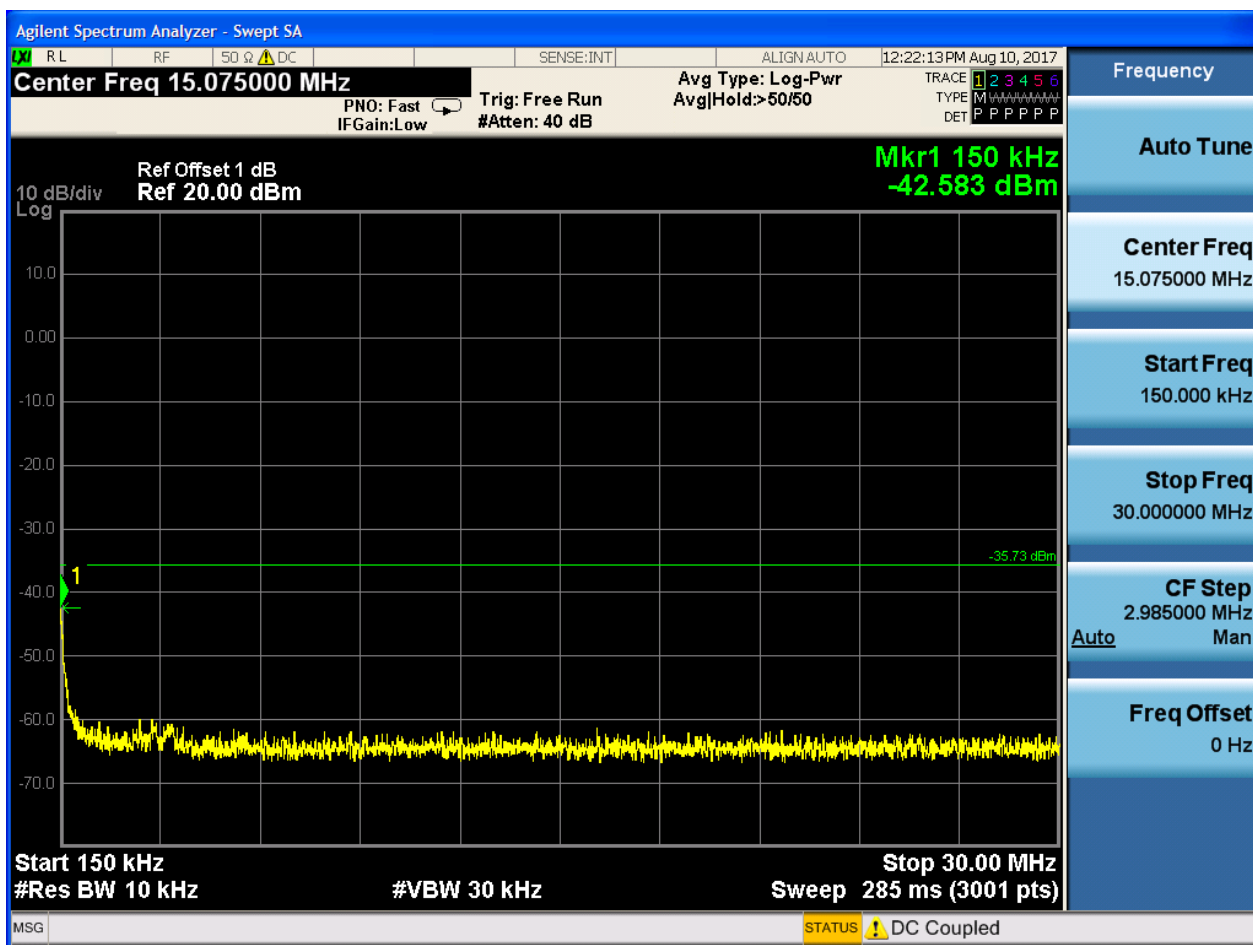


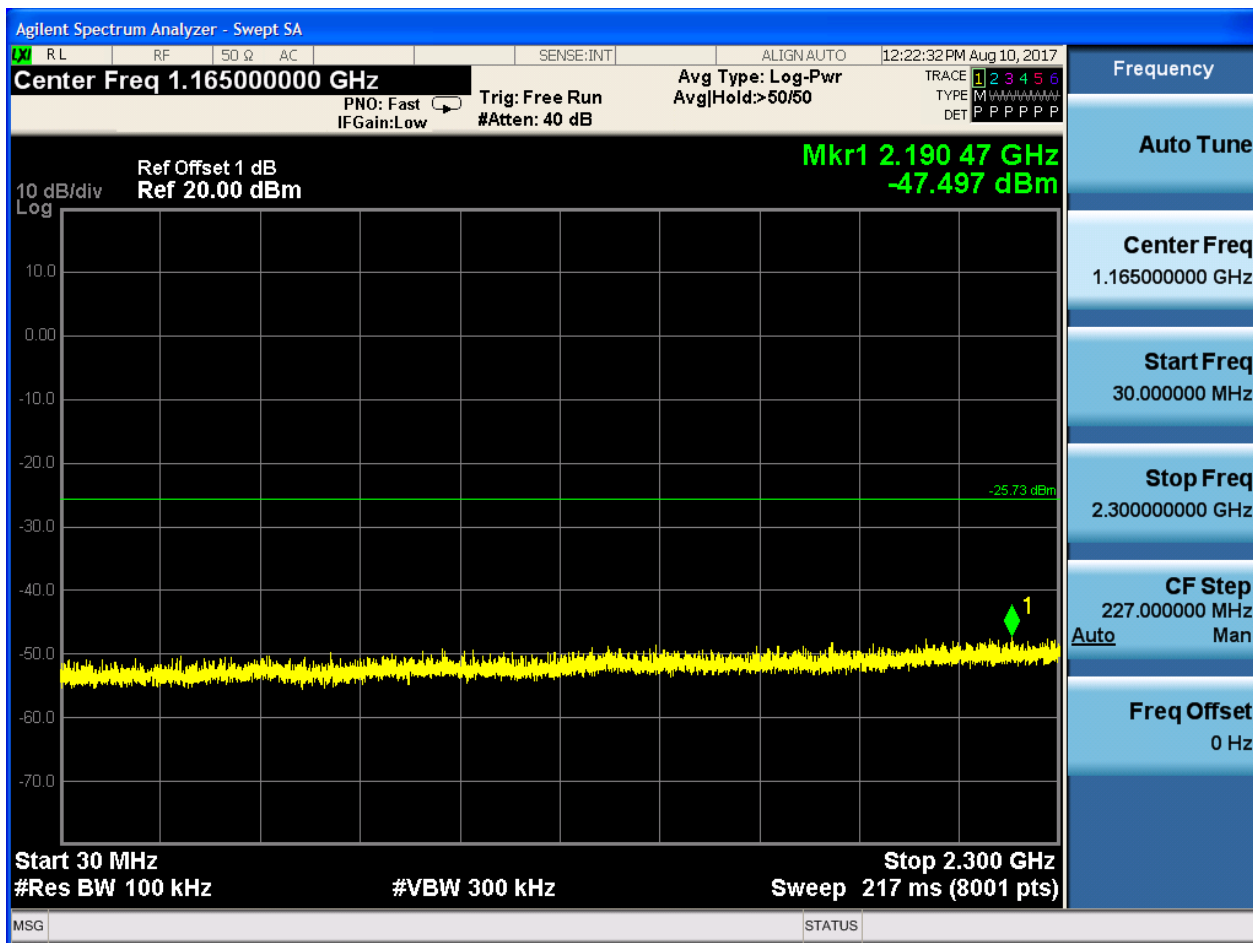
2.27 11G_CDD M@Ant 1

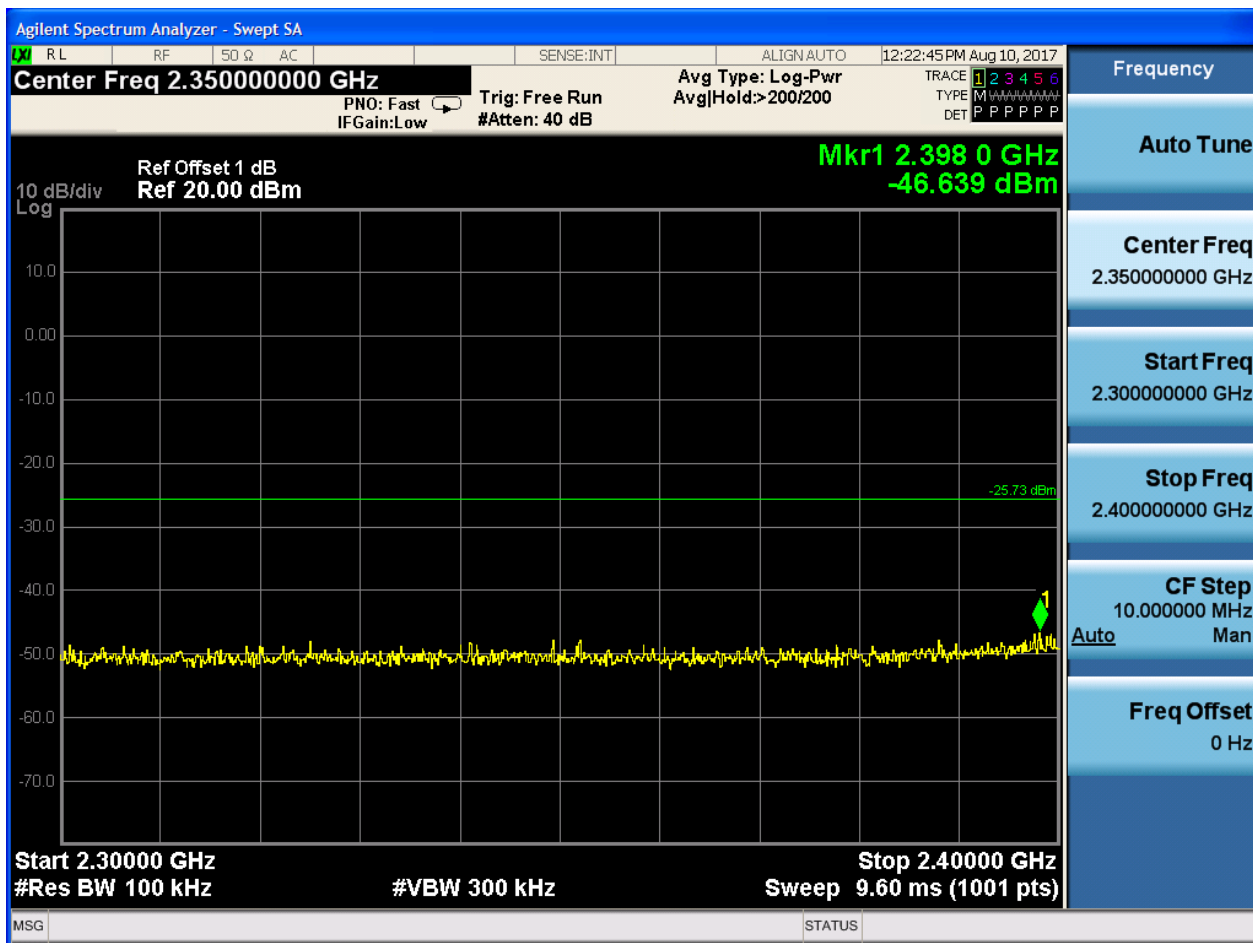
Pref:

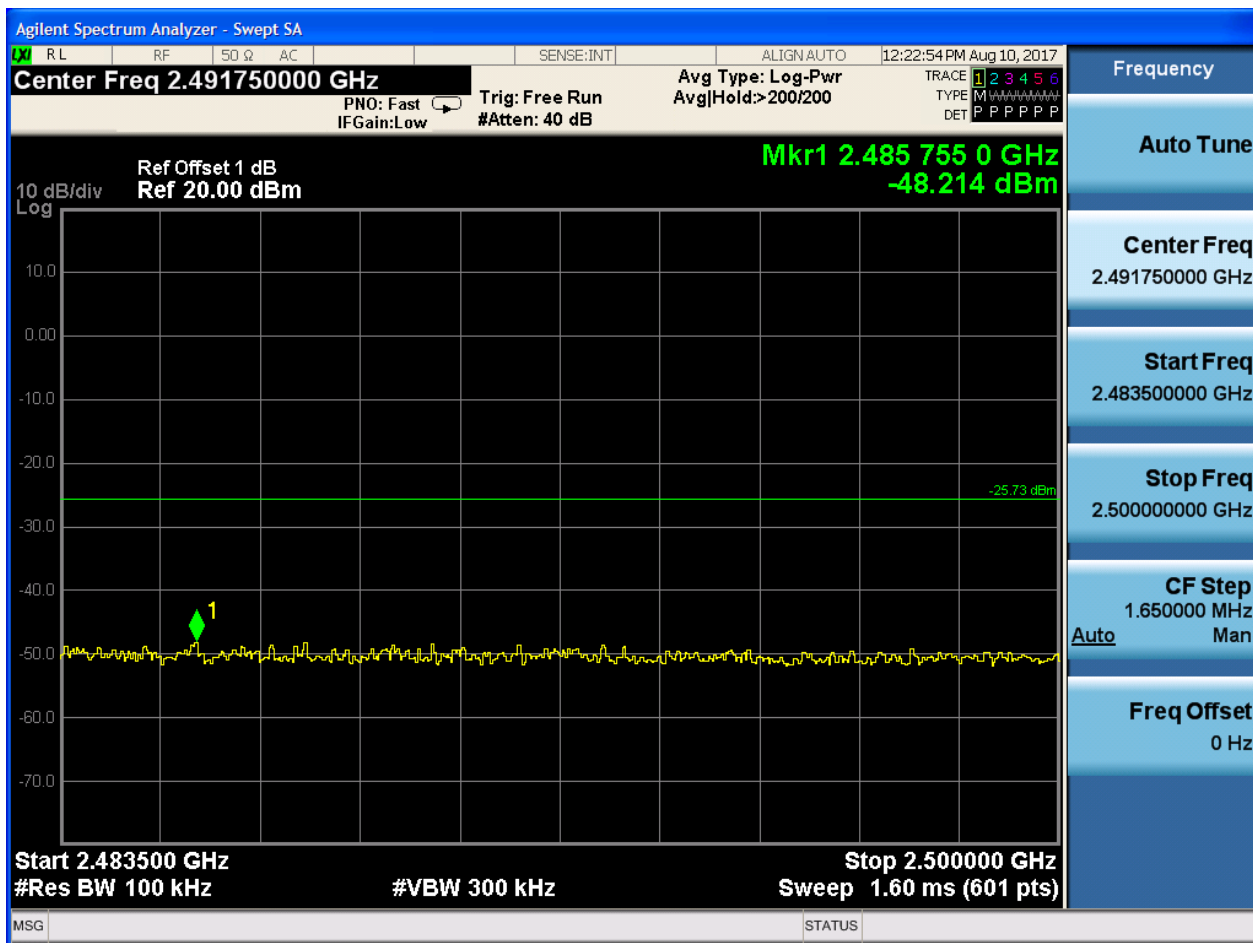


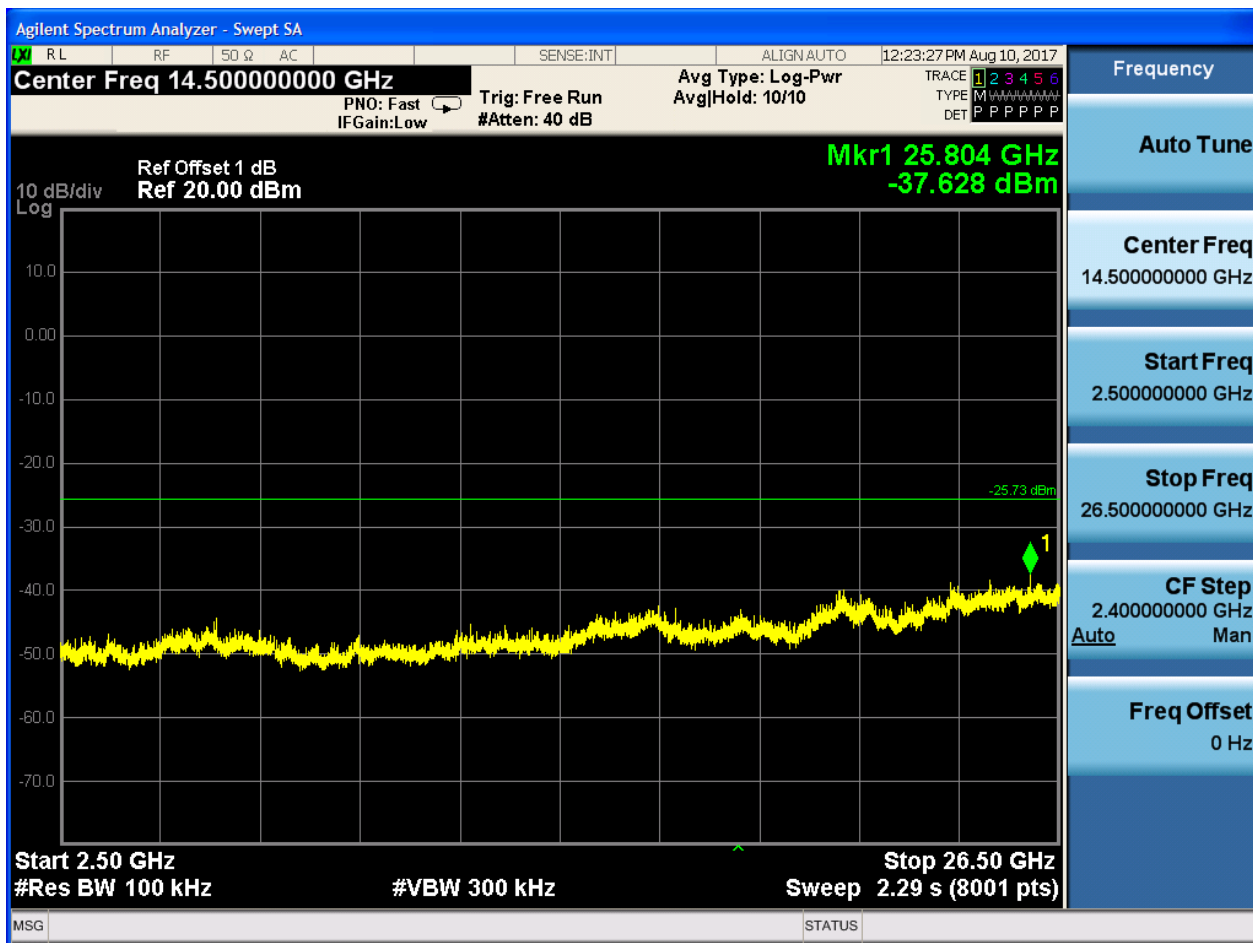
P_uw:







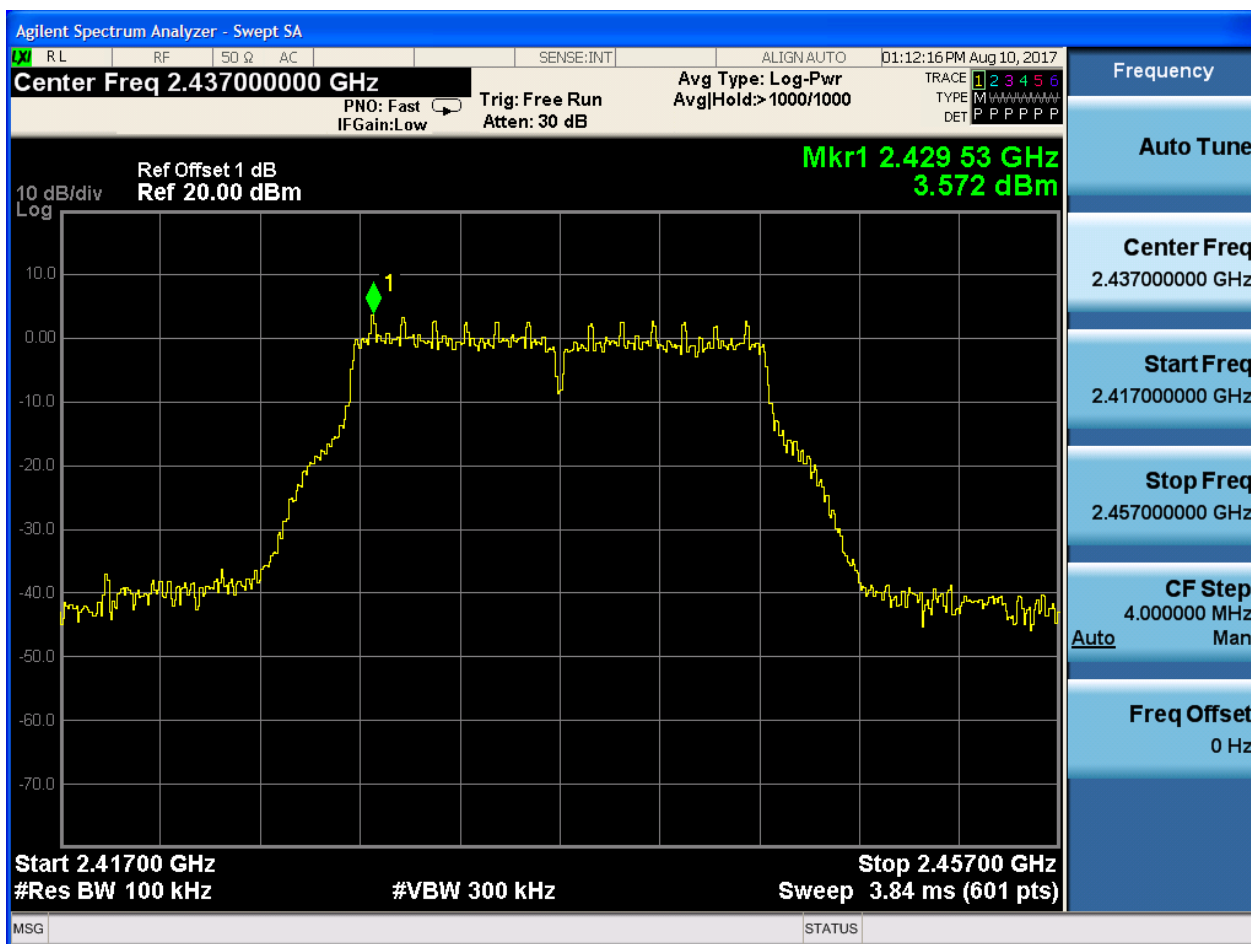






2.28 11G_CDD M@Ant 2

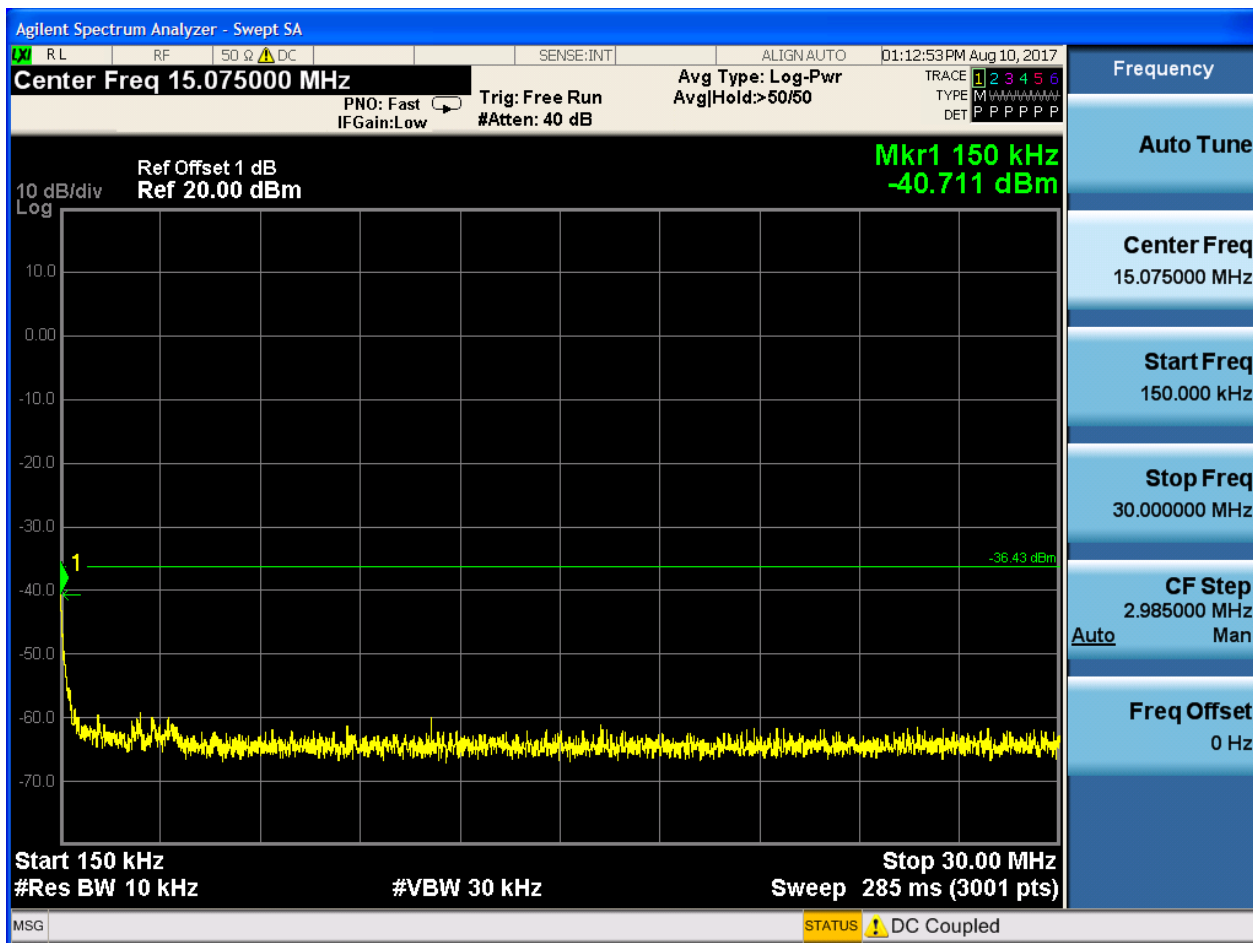
Pref:

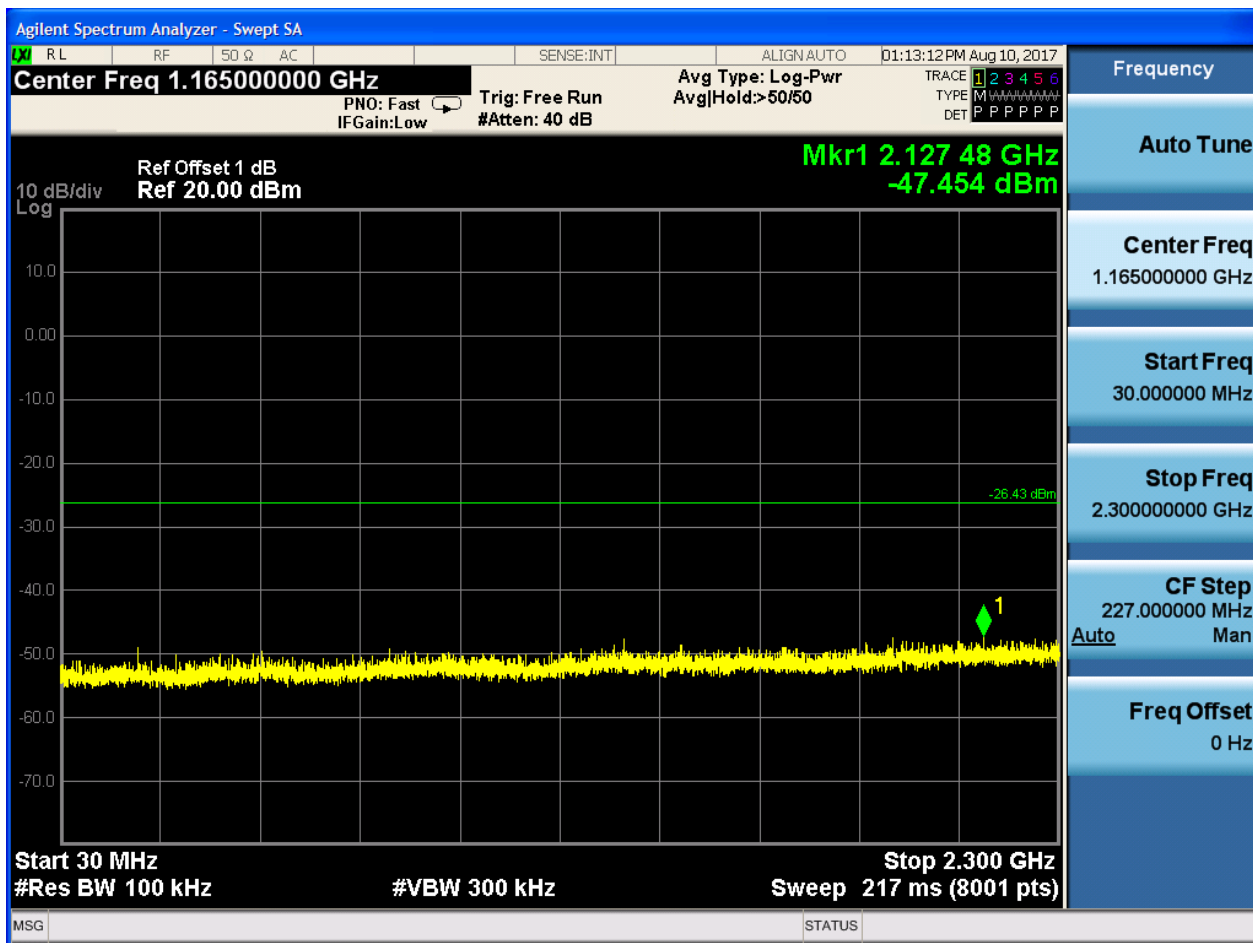


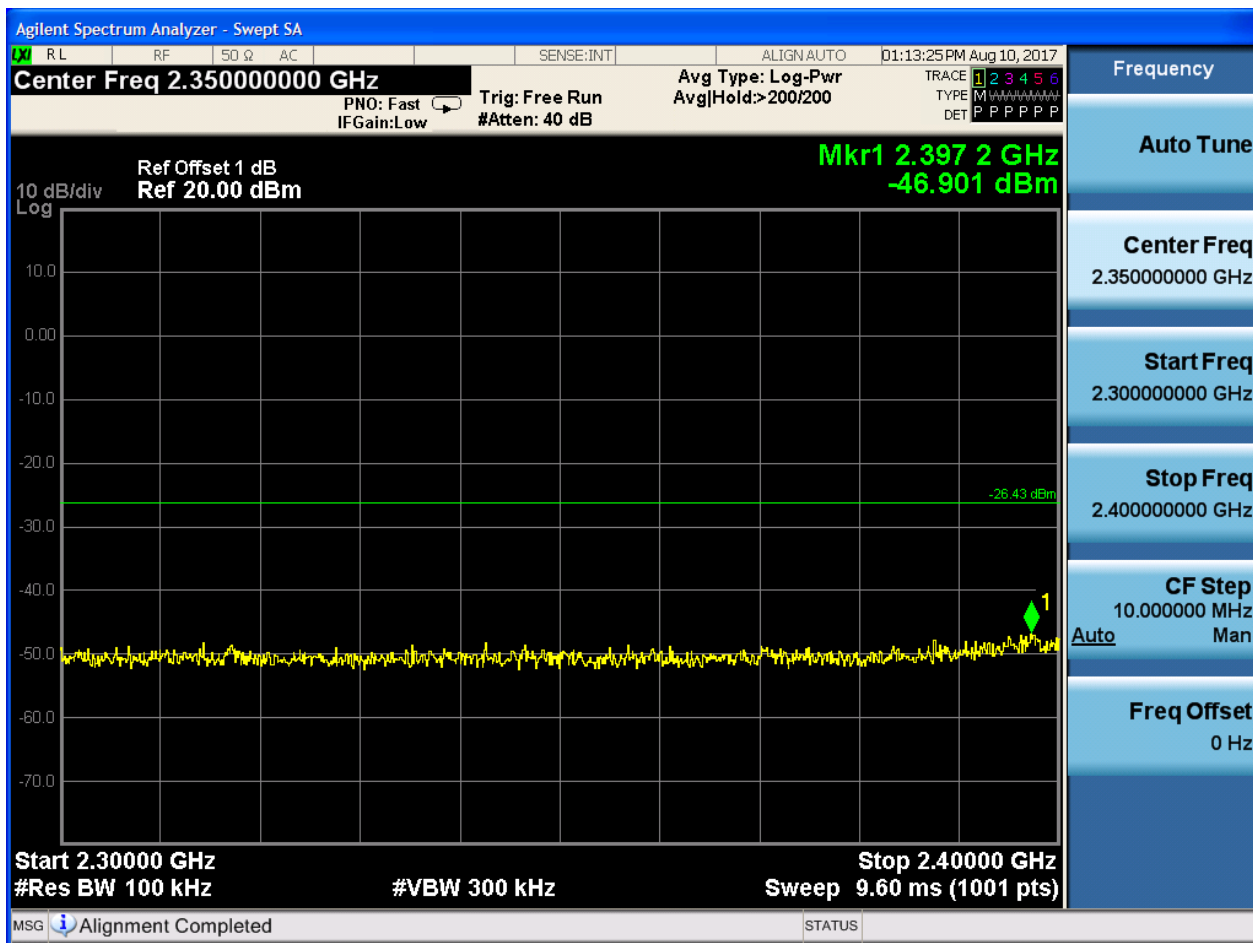


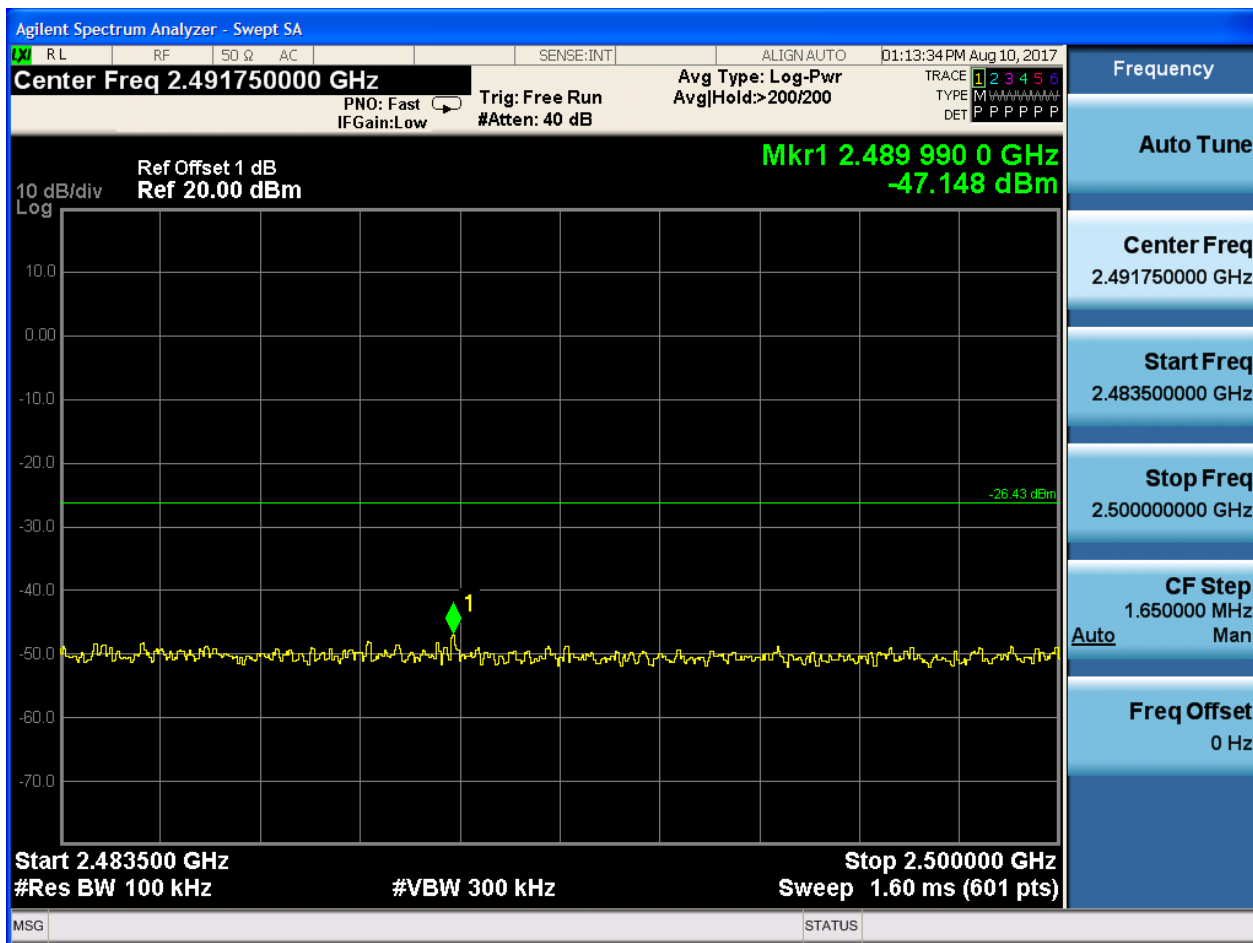
Puw:

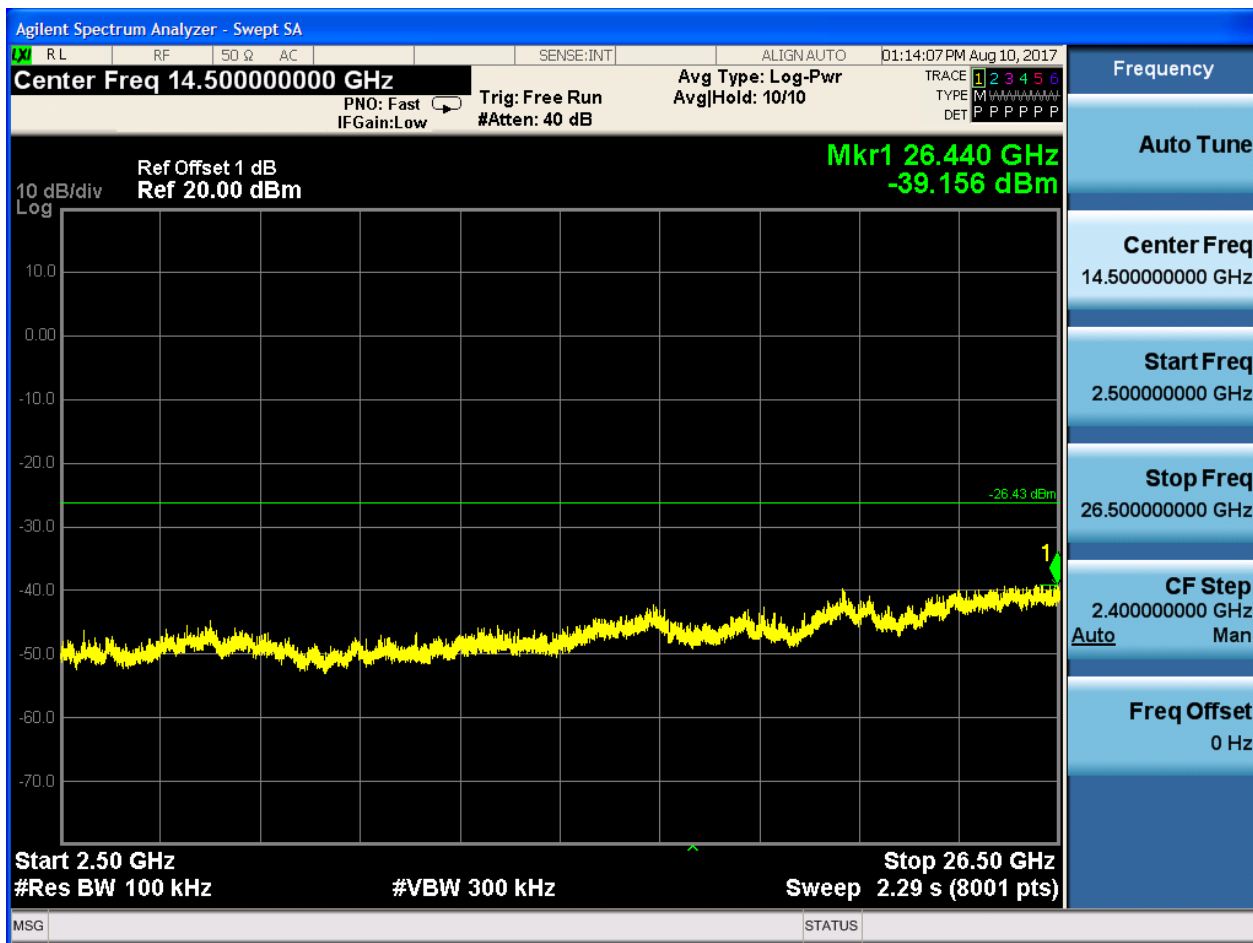








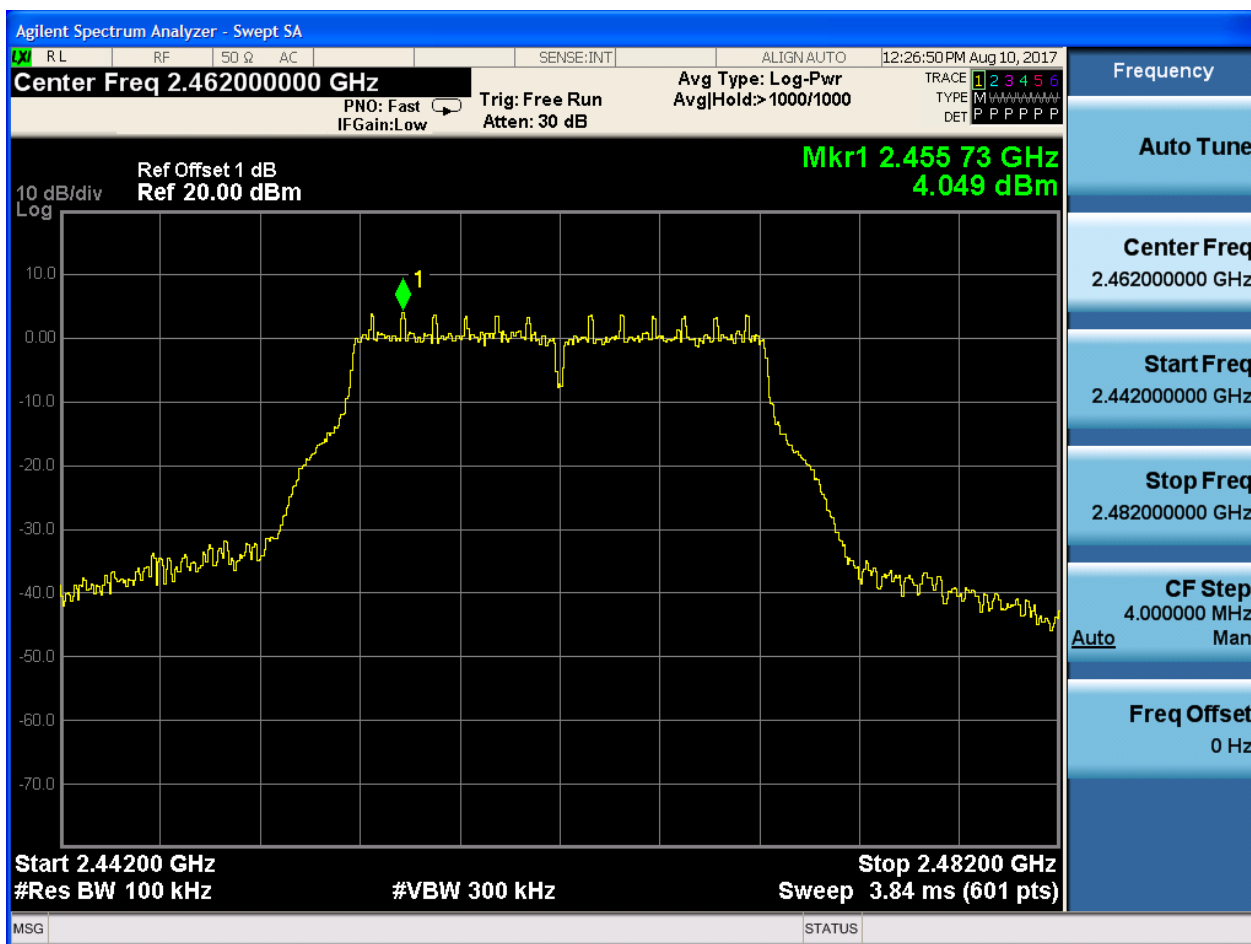






2.29 11G_CDD H@Ant 1

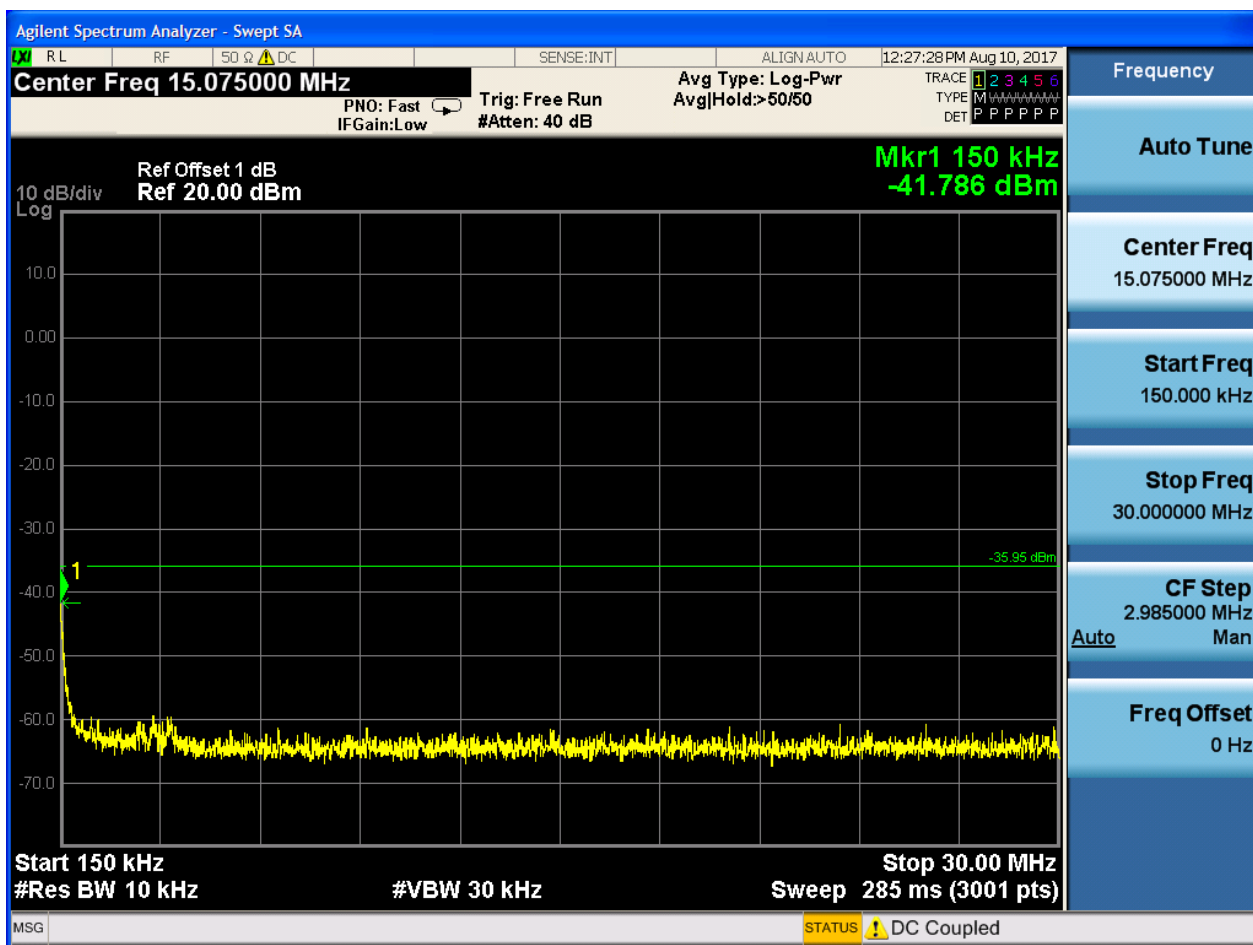
Pref:

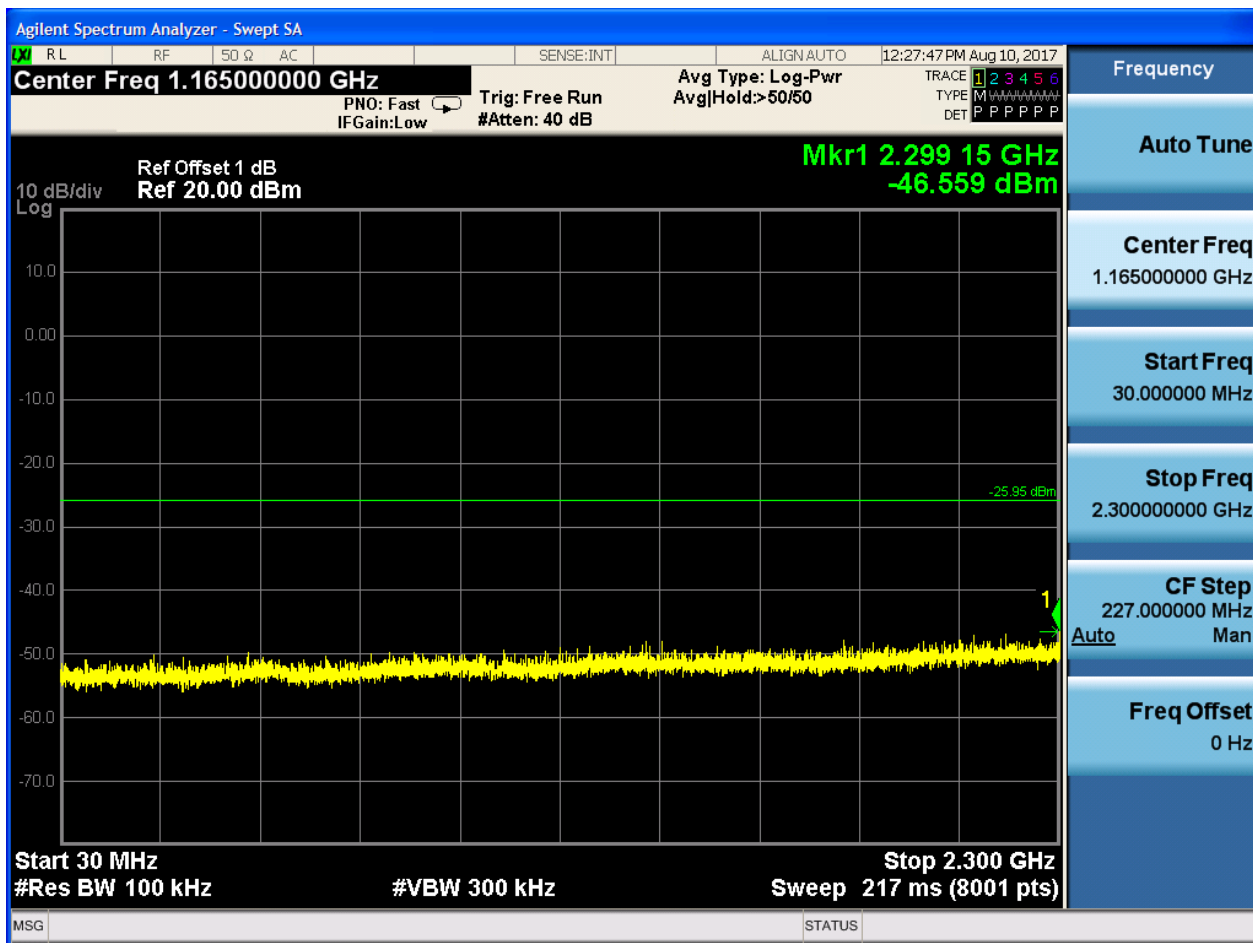


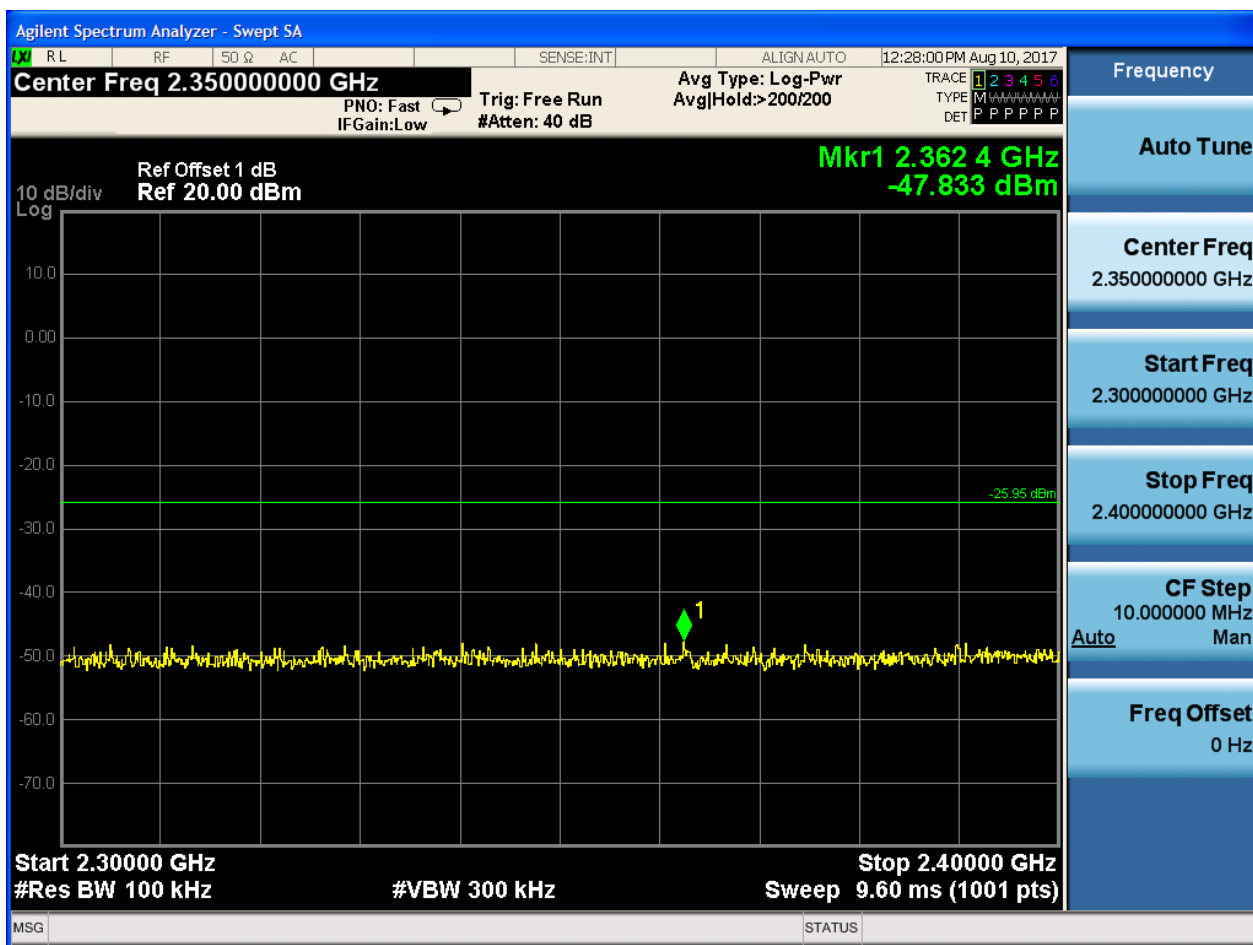


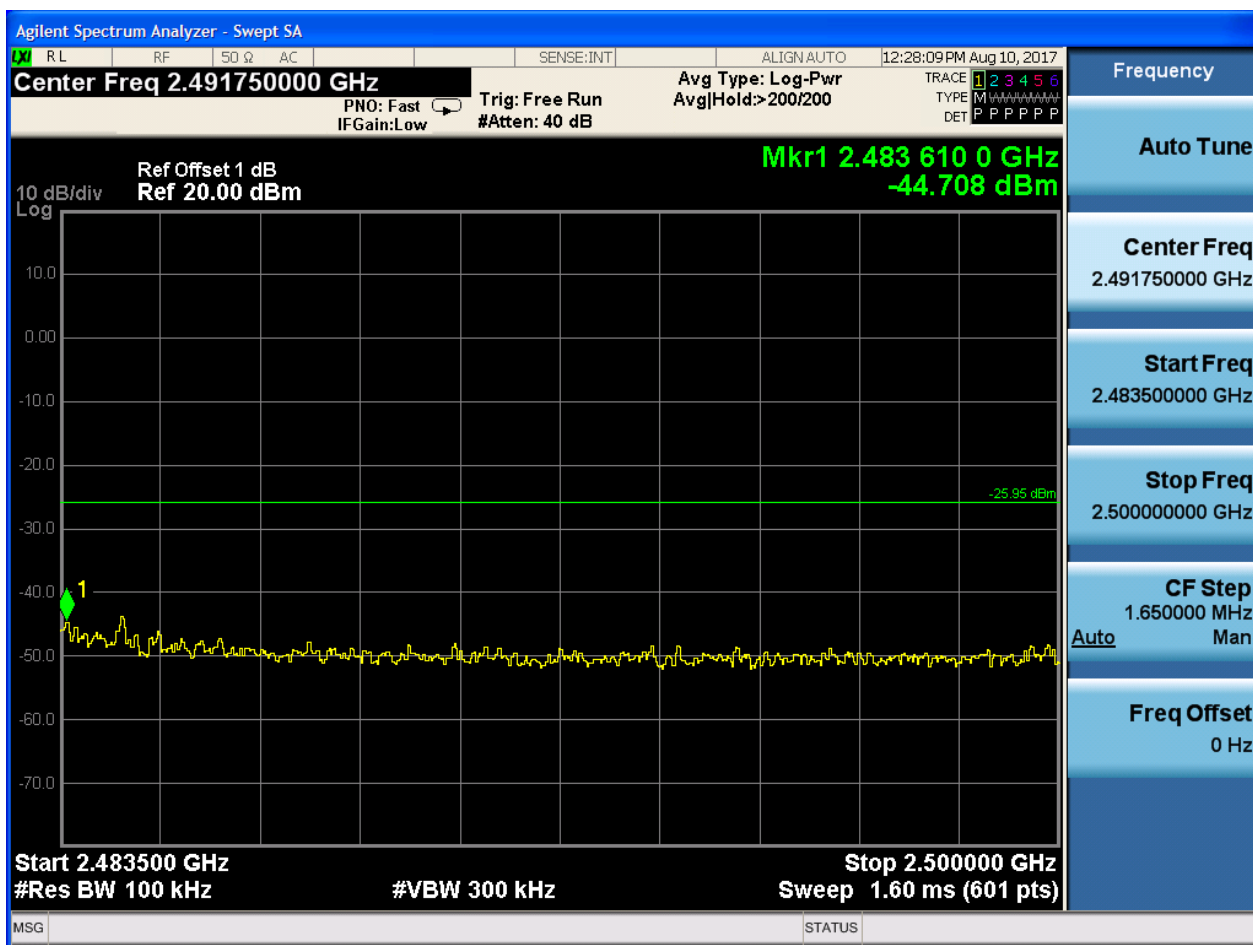
Puw:

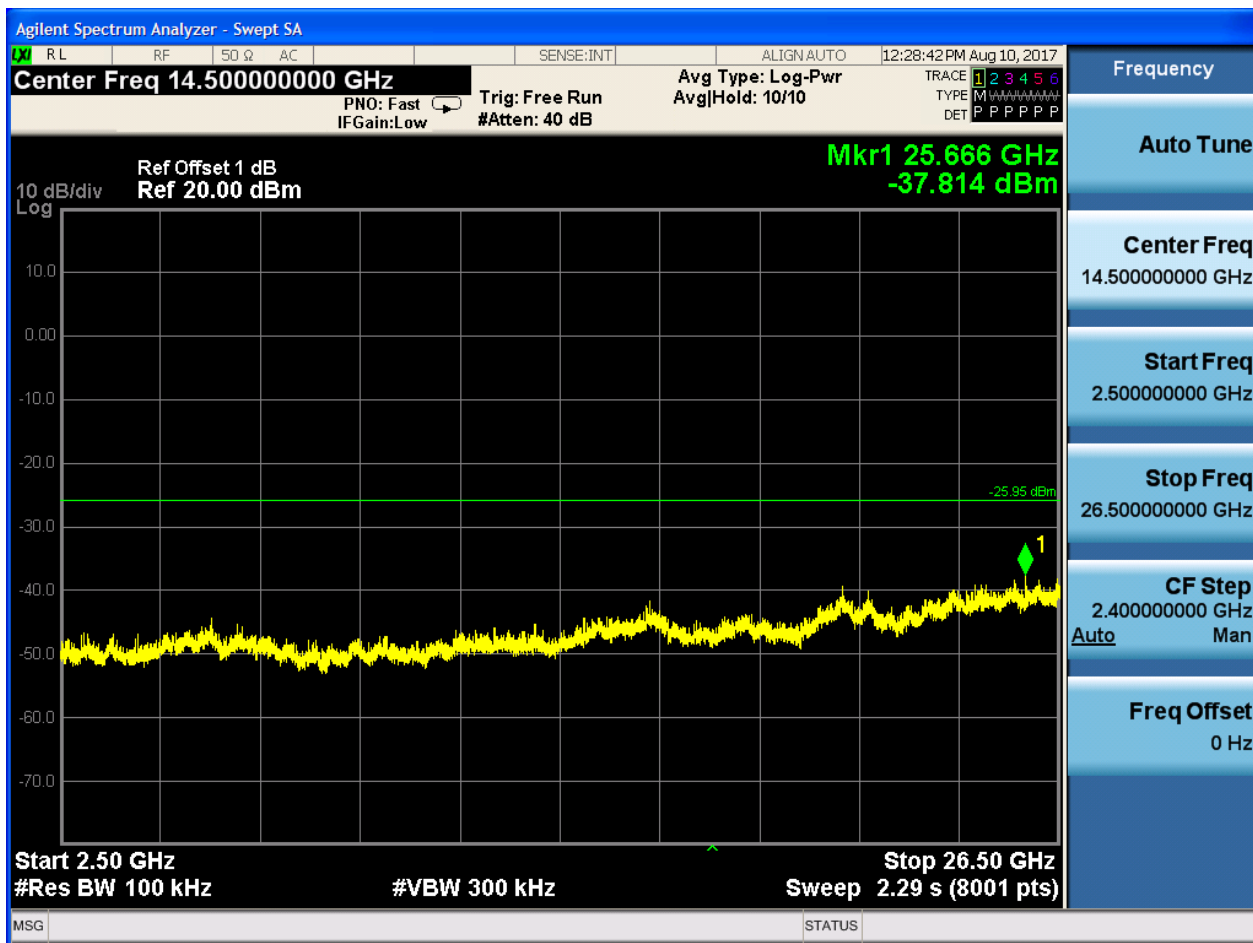








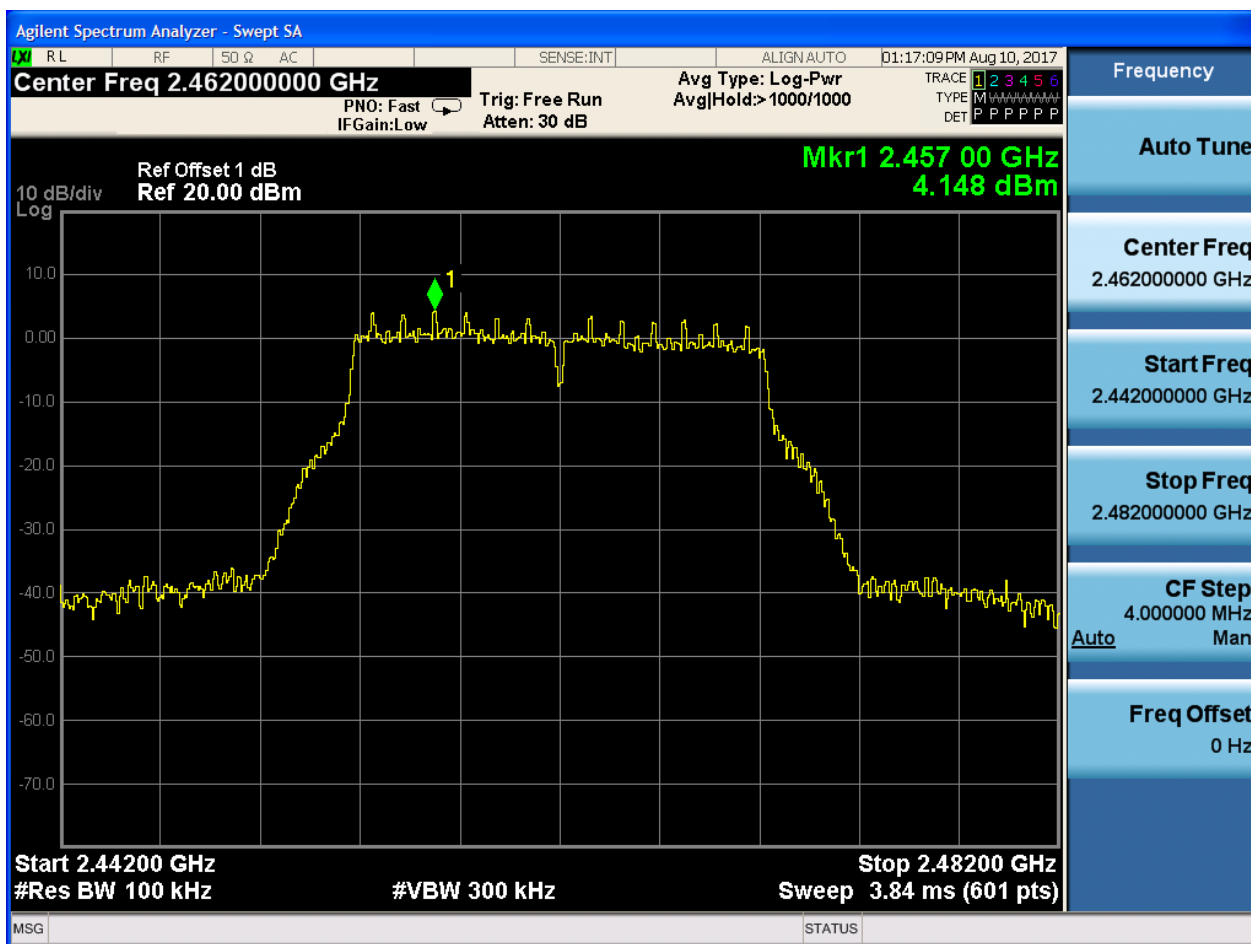






2.30 11G_CDD H@Ant 2

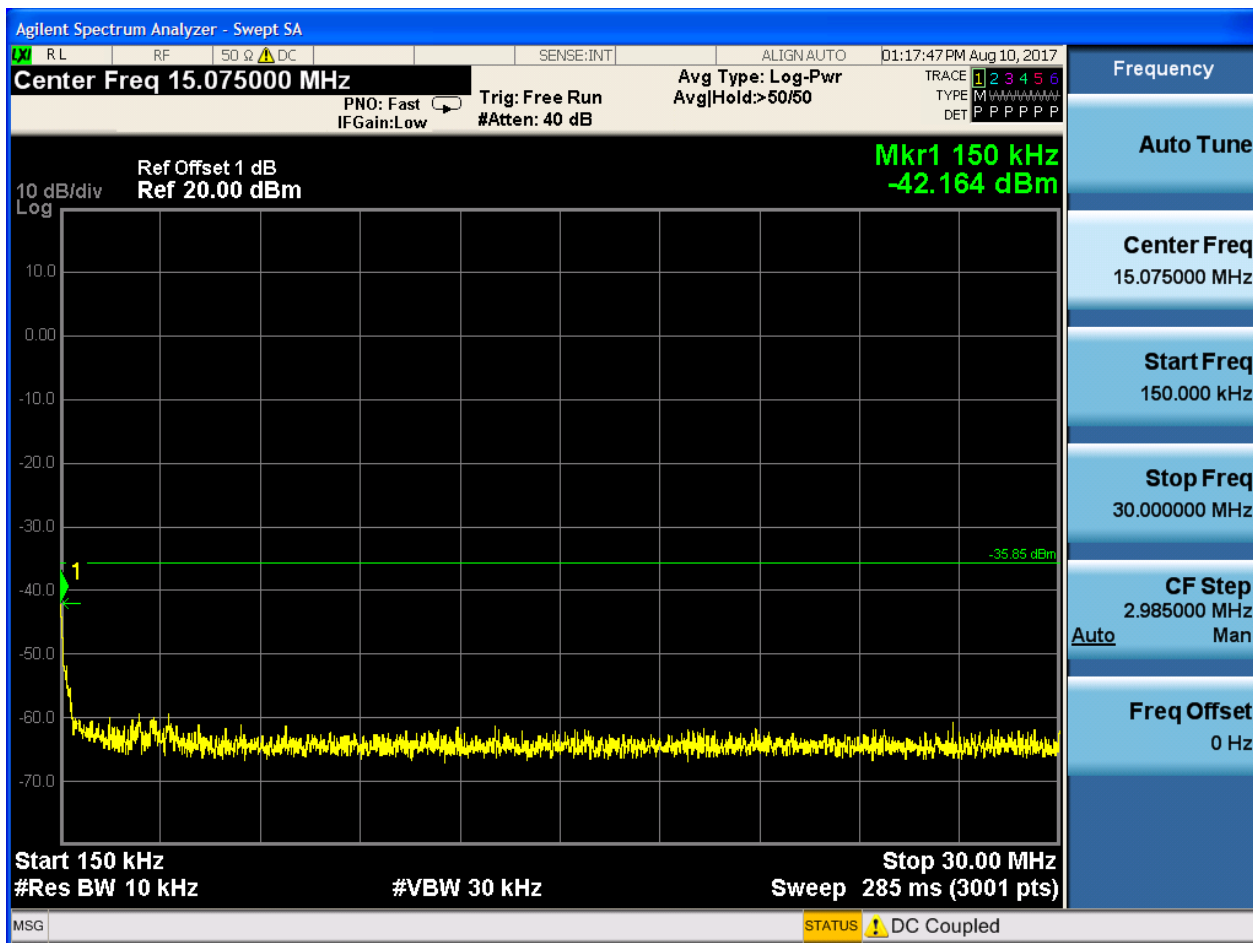
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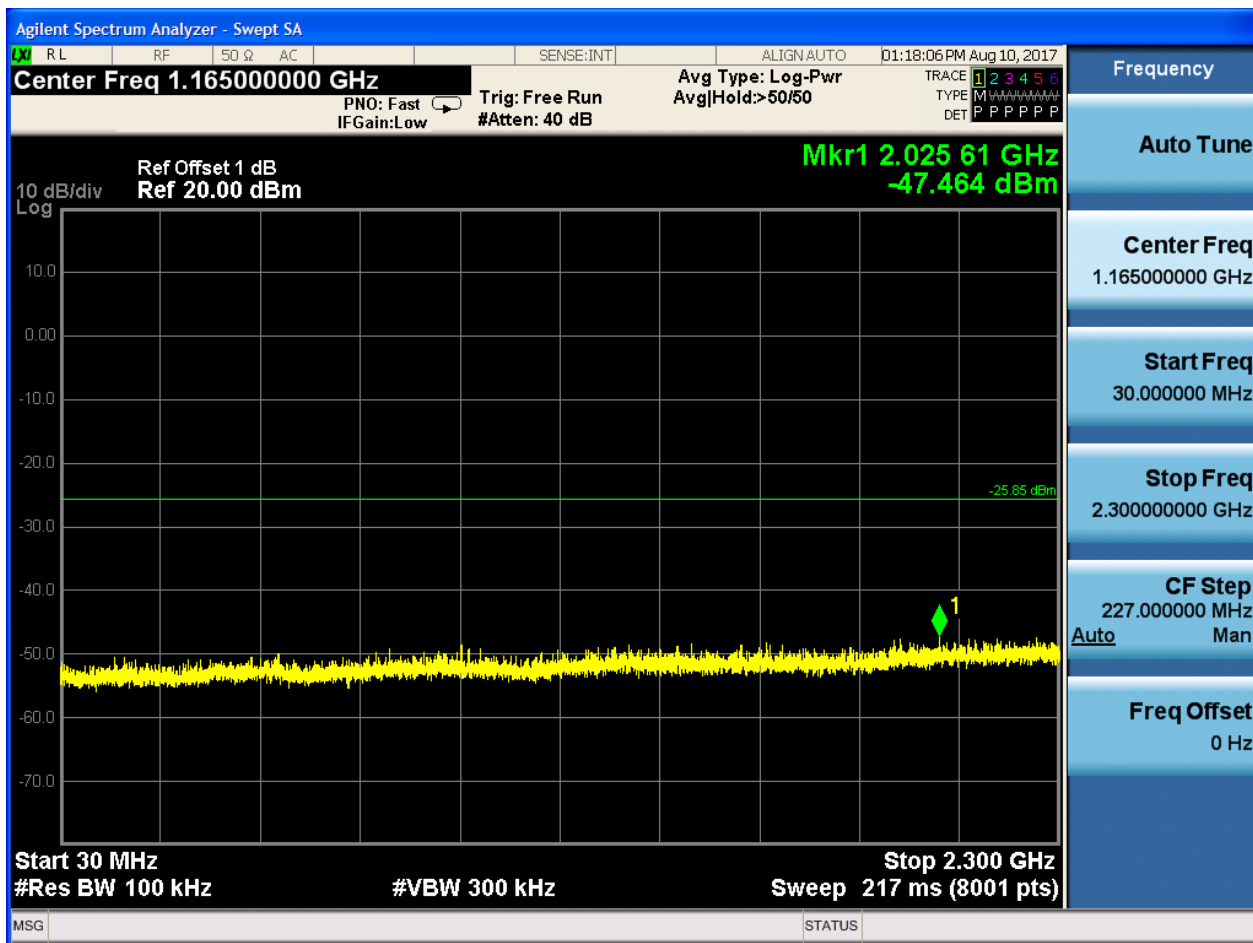


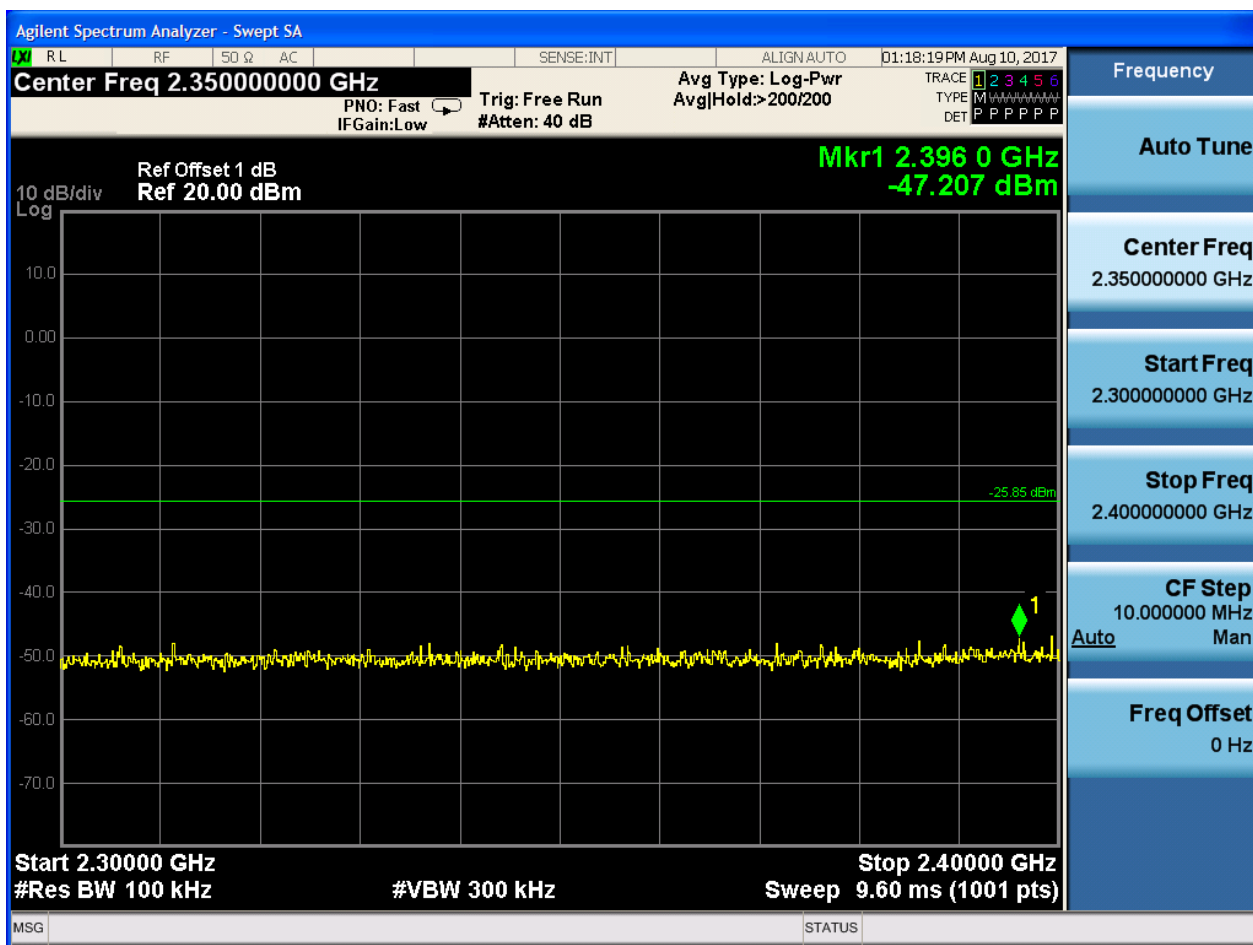


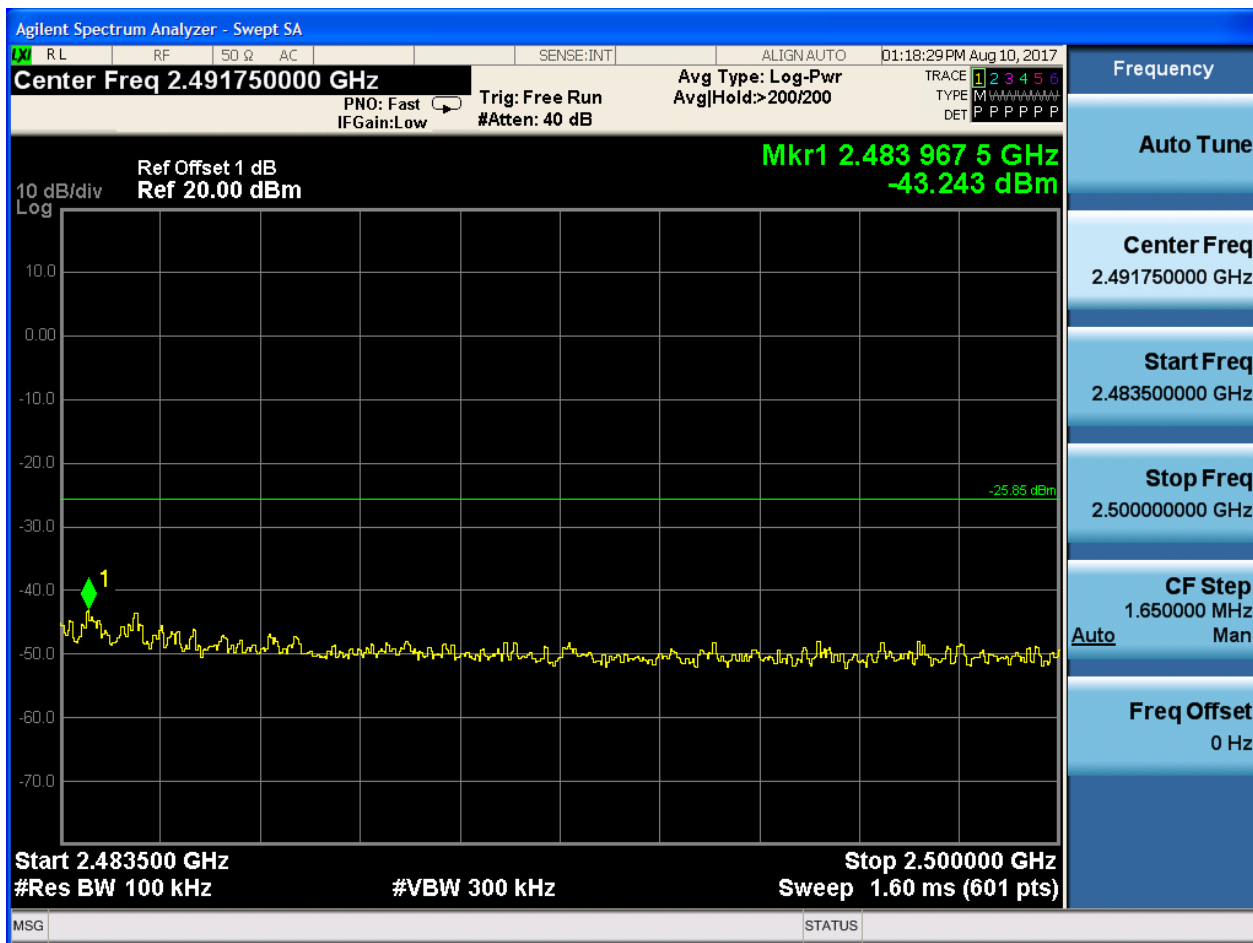
Puw:

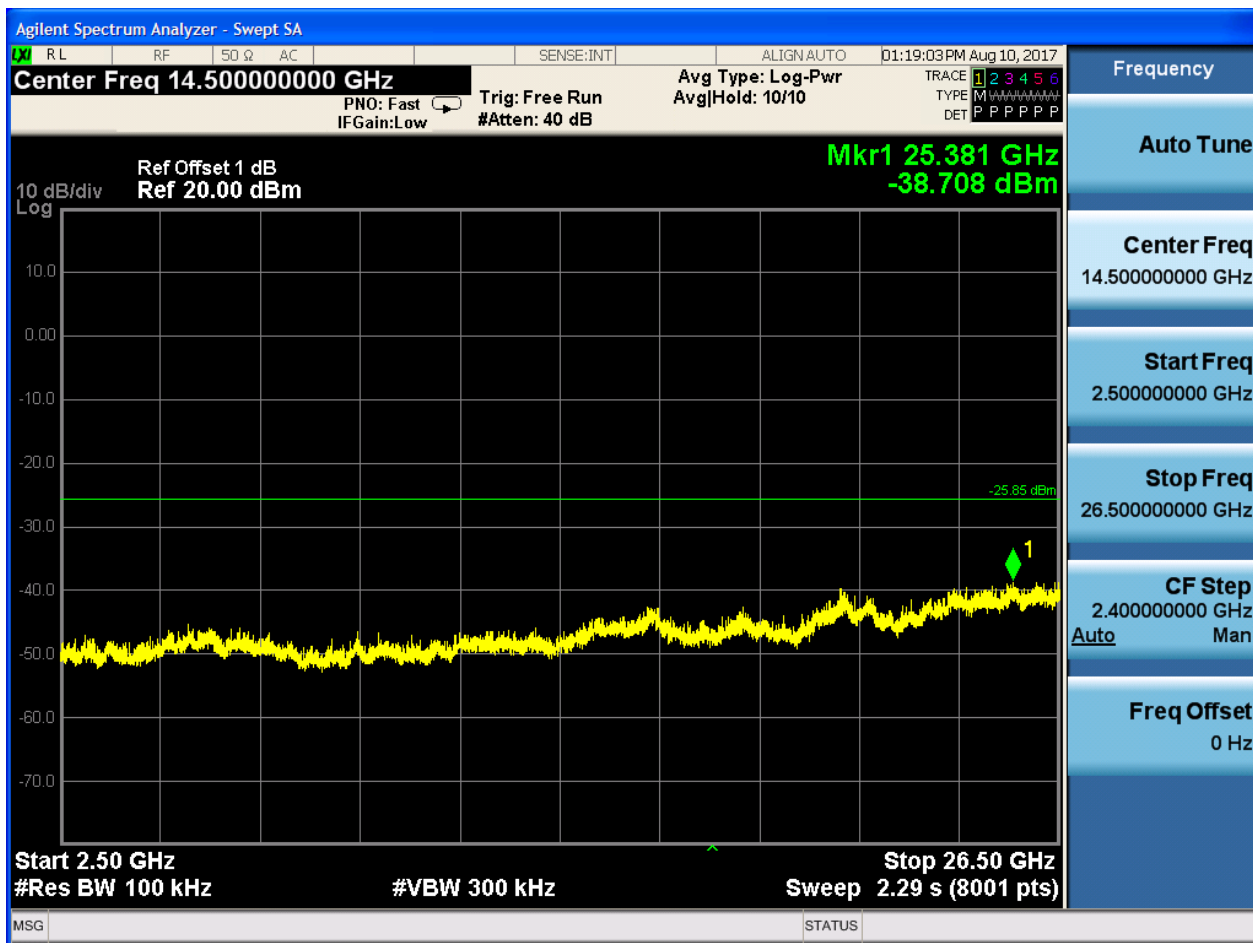












Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

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

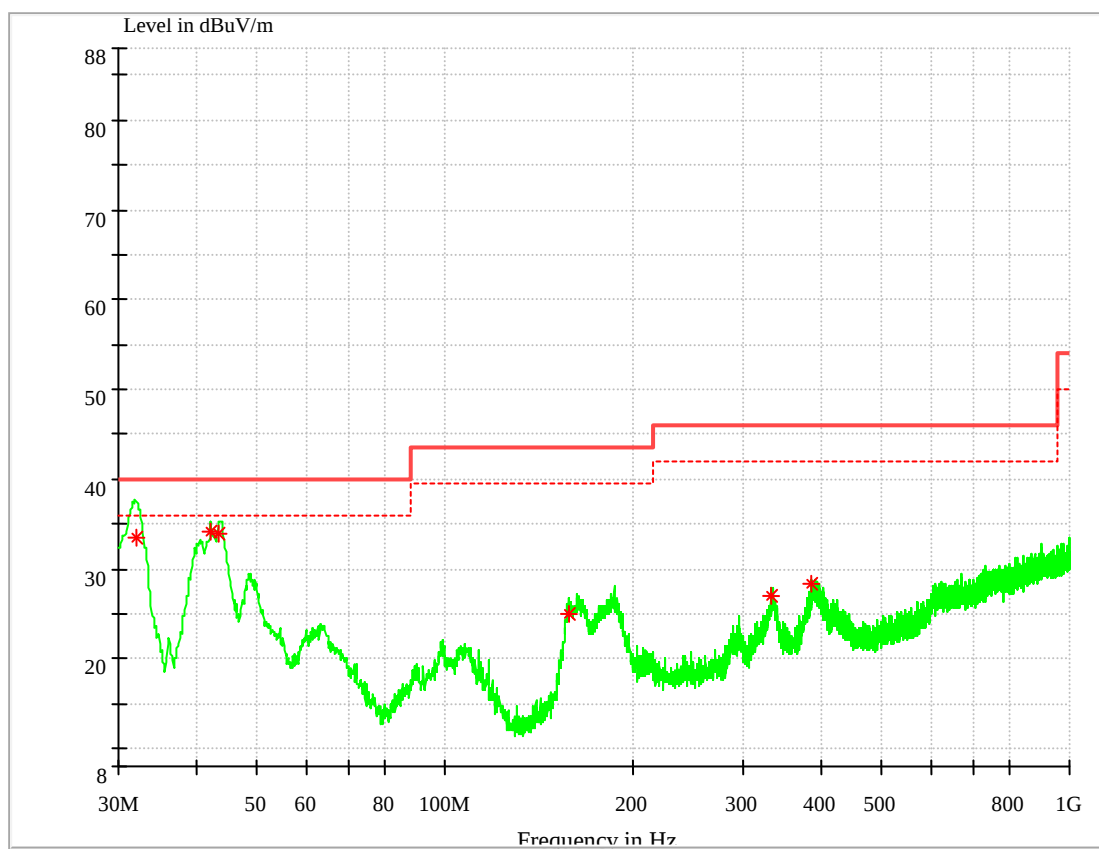
2.1 Part 1: Testing Range of “9 kHz to 30MHz”

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

2.2 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).



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
32.168450	33.48	40.00	6.52	107.0	V	221.0	14.8
42.194750	34.08	40.00	5.92	100.0	V	309.0	15.4
43.537250	33.99	40.00	6.01	100.0	V	302.0	15.3
157.651150	24.96	43.50	18.54	100.0	V	291.0	10.5
333.998650	27.05	46.00	18.95	117.0	H	99.0	16.8
386.053000	28.25	46.00	17.75	100.0	H	284.0	17.8

Note:



1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

2.3Part 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.

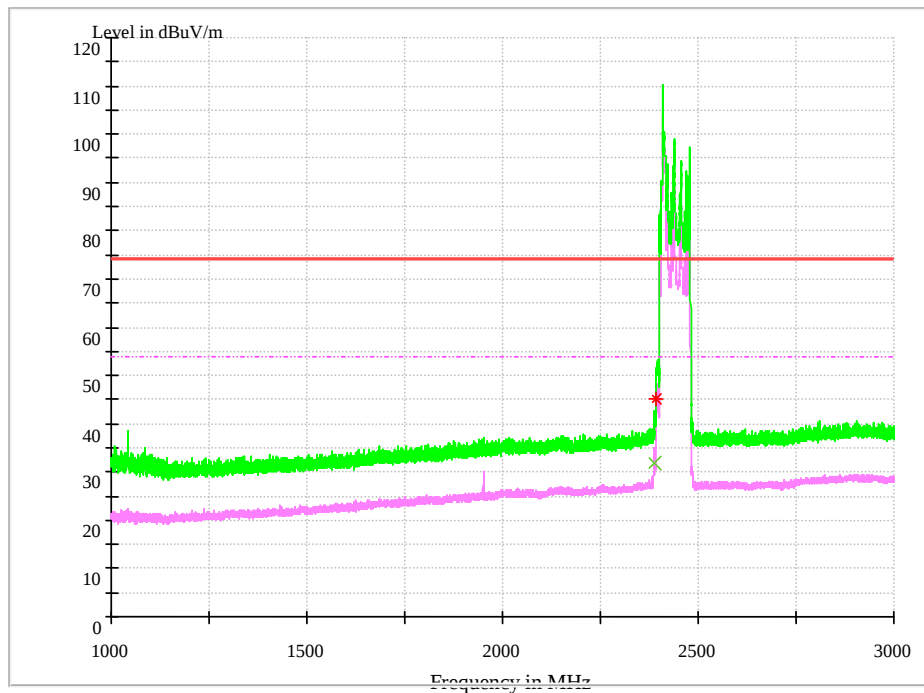
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode:

2.3.1Test Mode: 11B

2.3.1.1 Channel 1 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	31.90	54.00	22.10	100.0	H	82.0	-8.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390	45.27	74.00	28.73	100.0	H	80.0	-8.6

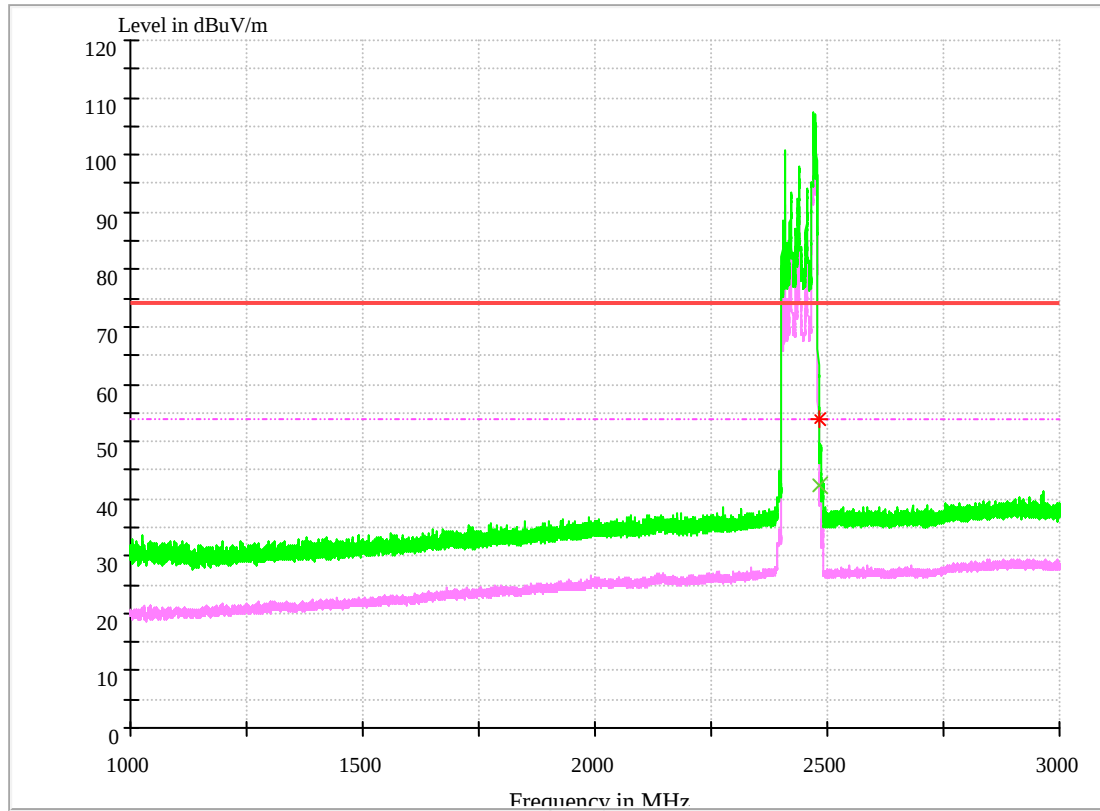
Note:

1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

2.3.1.2 Channel 11@Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	42.20	54.00	20.18	100.0	H	85.0	-6.3

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	53.82	74.00	20.18	100.0	H	82.0	-7.0

Note:

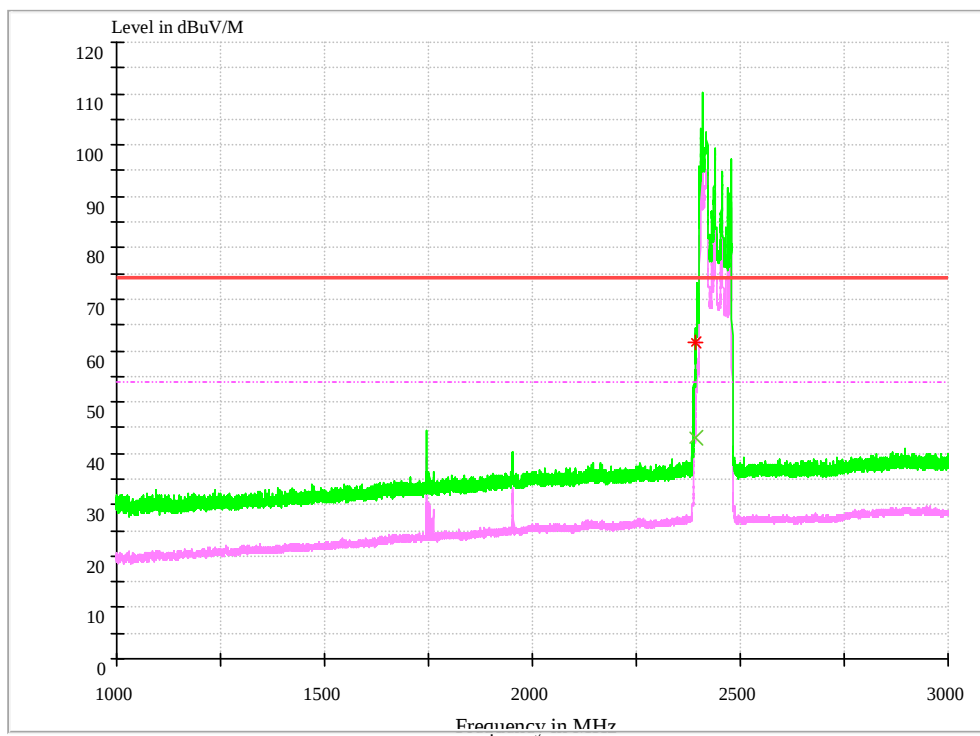
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

2.3.2 Test Mode: 11G

2.3.2.1 Channel 1 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	43.00	54.00	11.00	100.0	H	82.0	-8.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	61.48	74.00	12.52	100.0	H	85.0	-8.6

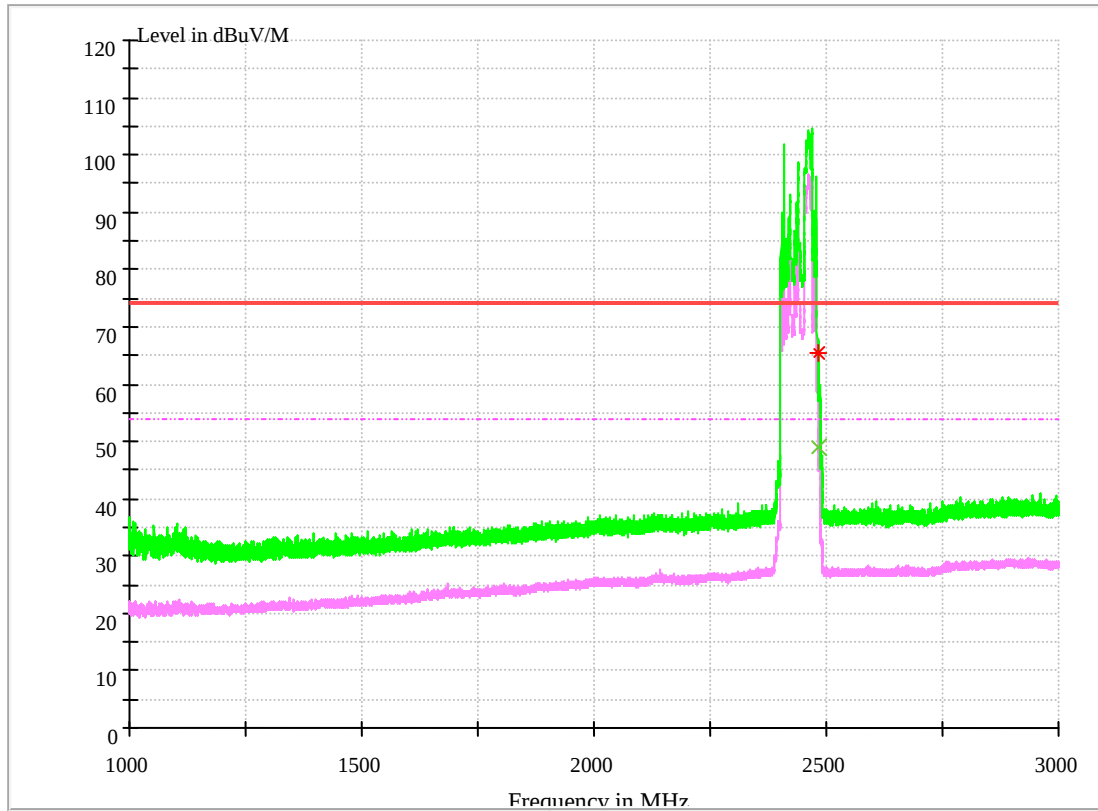
Note:

1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

2.3.2.2 Channel 11@Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	48.99	54.00	5.01	100.0	H	87.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	65.60	74.00	8.41	100.0	H	86.0	-7.1

Note:

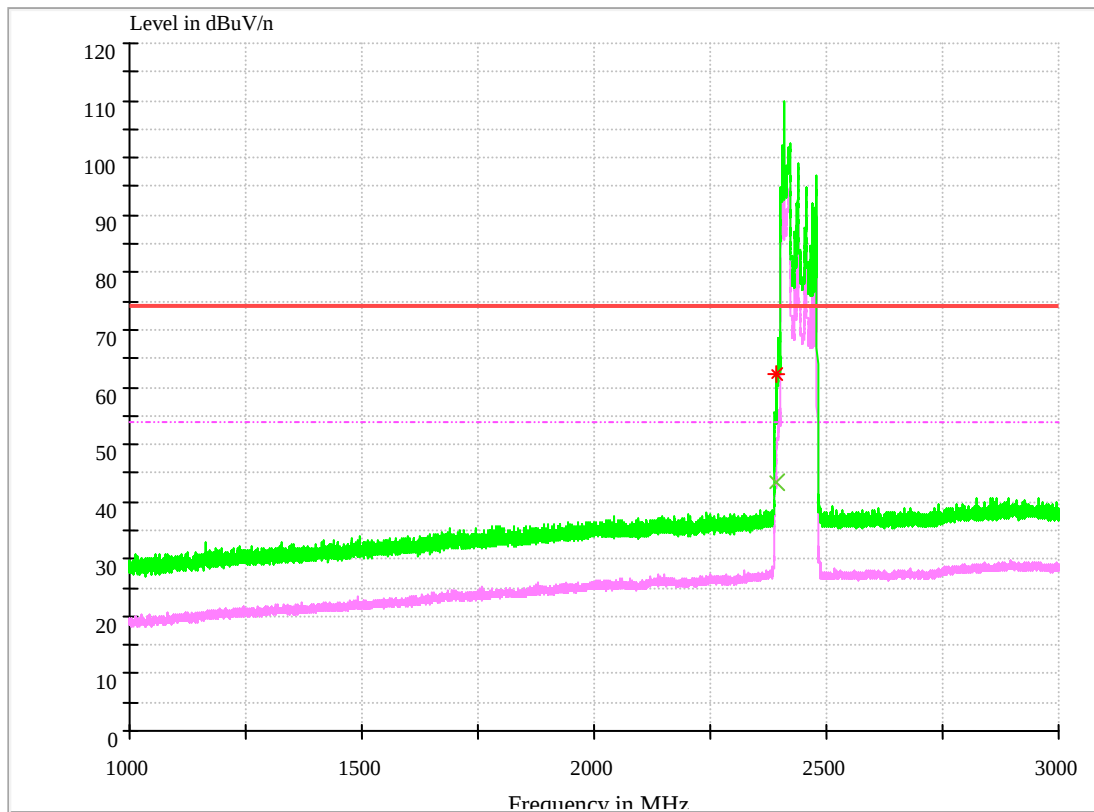
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

2.3.3 Test Mode: 11N20

2.3.3.1 Channel 1 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	43.40	54.00	10.60	100.0	H	93.0	-8.5

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390	62.34	74.00	11.66	100.0	V	84.0	-8.5

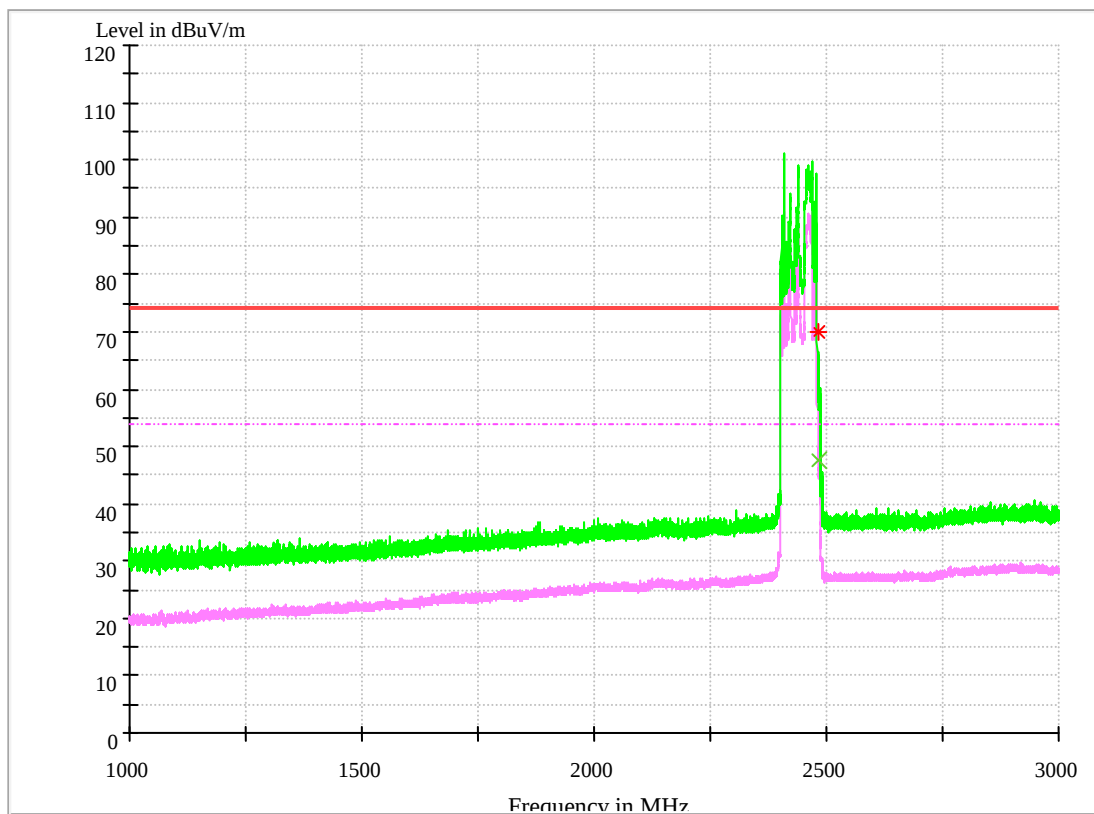
Note:

1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

2.3.3.2 Channel 11@Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	47.54	54.00	6.46	110.0	V	90.0	-6.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	70.14	74.00	4.26	119.0	H	90.0	-6.7

Note:

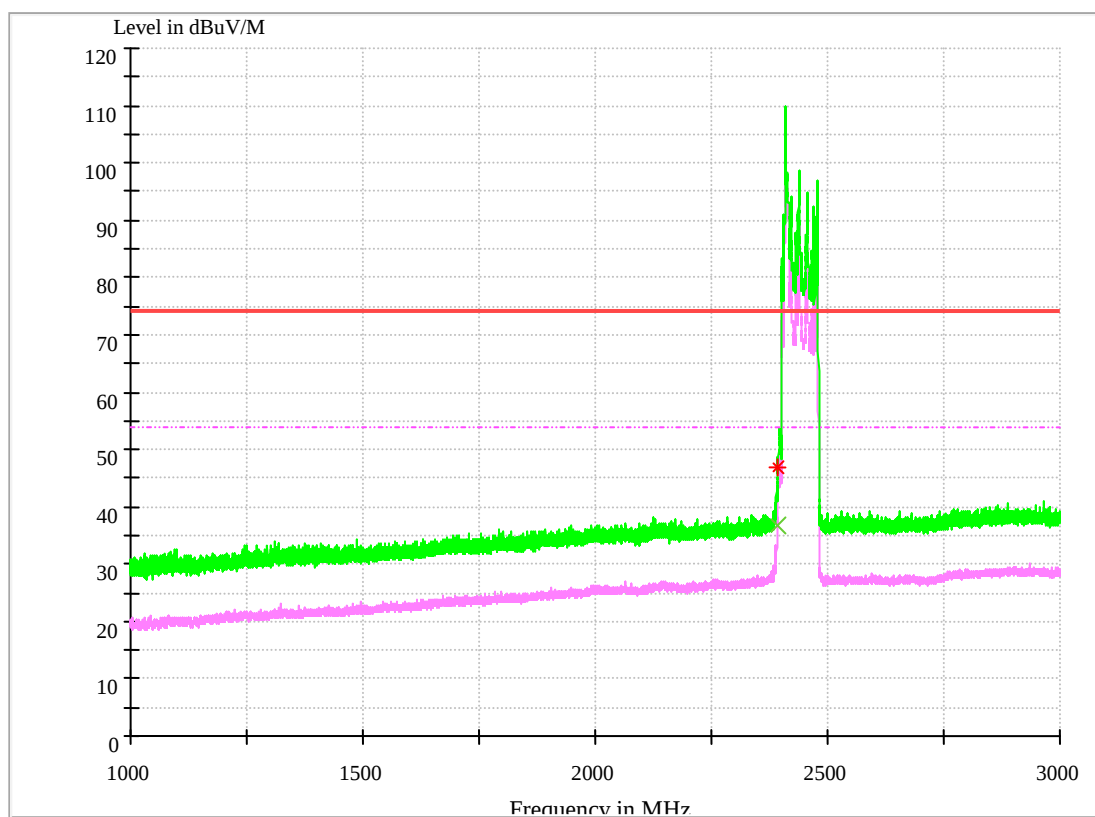
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

2.3.4 Test Mode: 11B

2.3.4.1 Channel 1 @Ant 2



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	36.62	54.00	17.38	100.0	H	242.0	-8.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	47.00	74.00	27.00	100.0	H	241.0	-8.6

Note:

- 1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)
The reading level is calculated by software which is not shown in the sheet.
- 2, Margin = Limit - Level