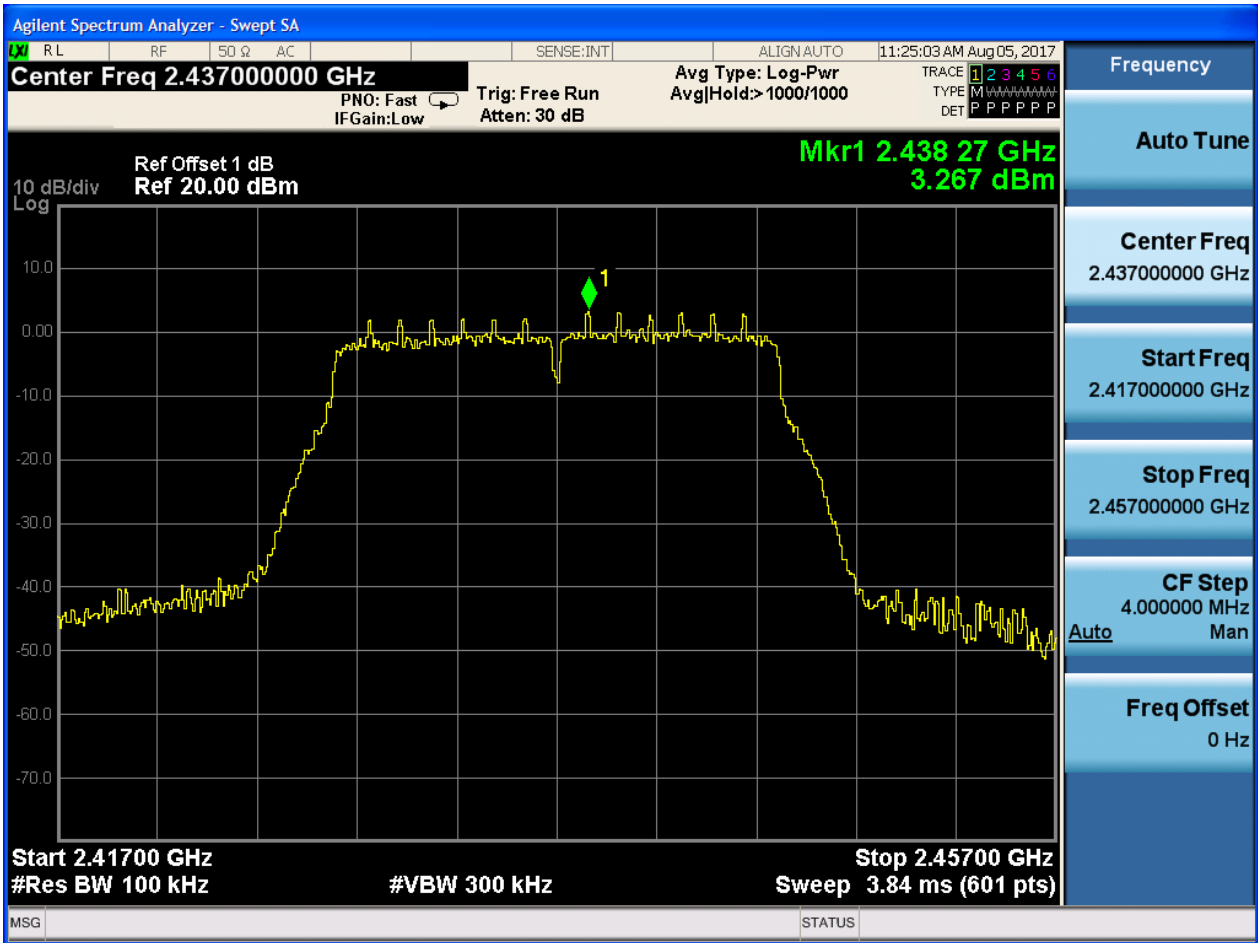




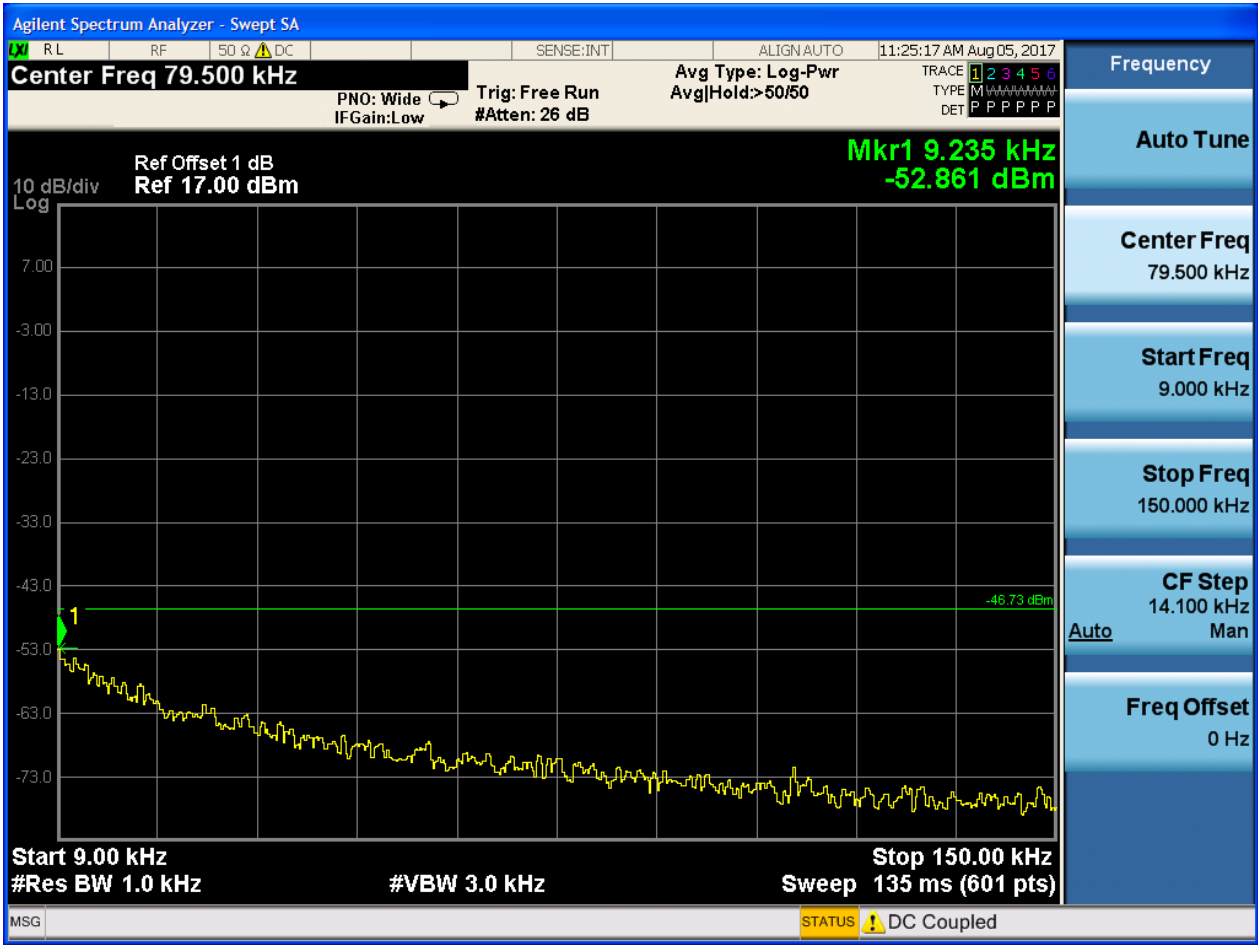
2.15 11N20_M@Ant 1

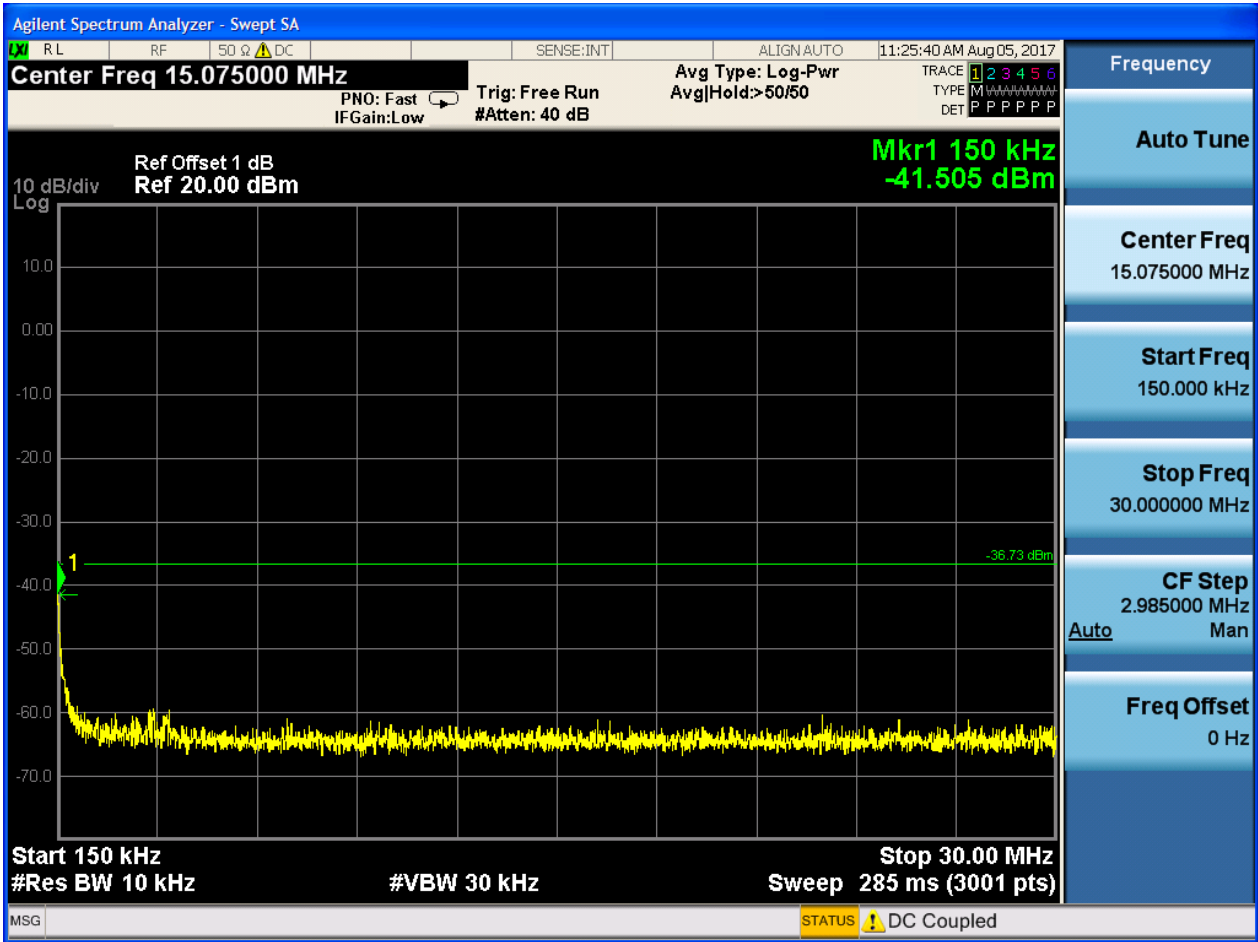
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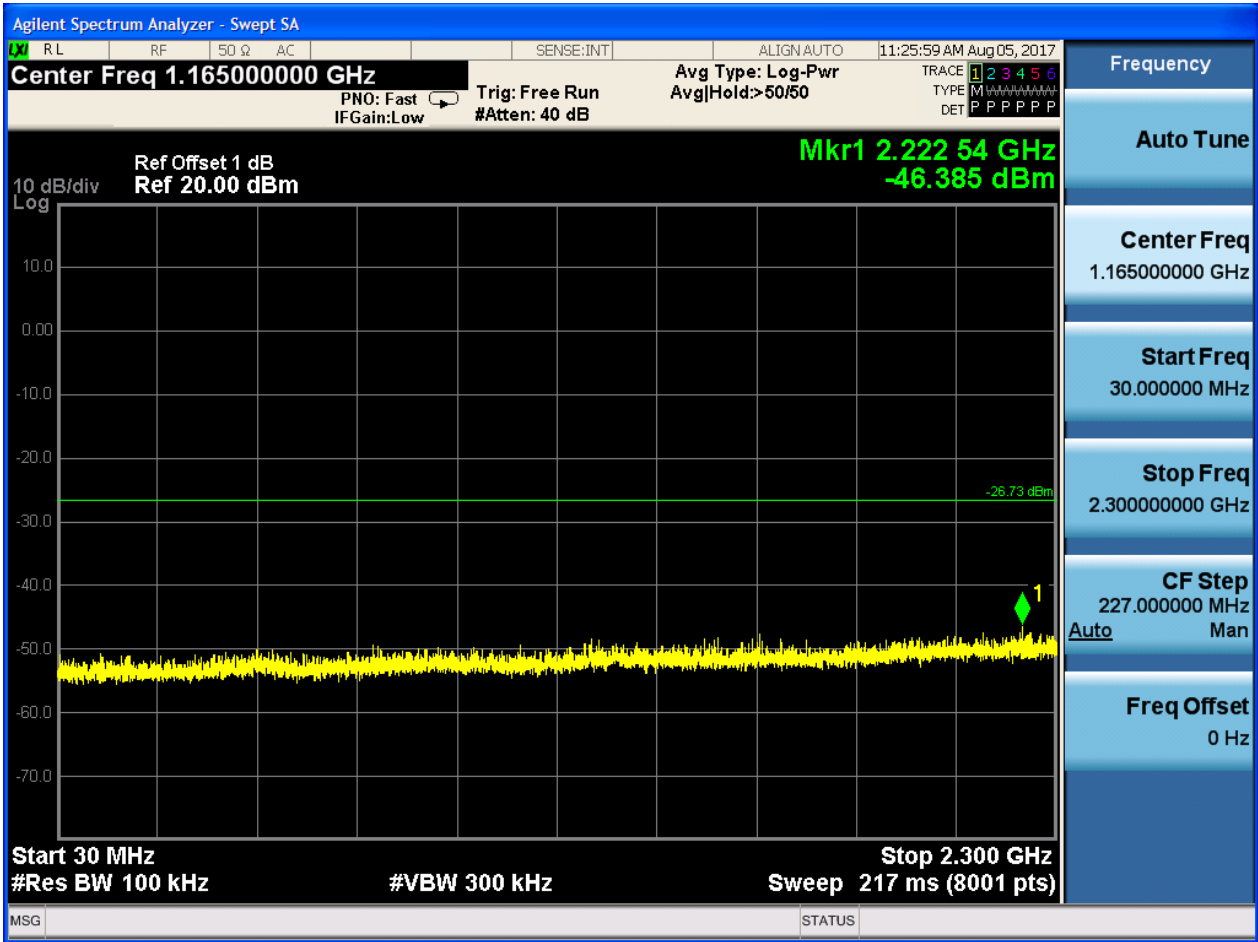


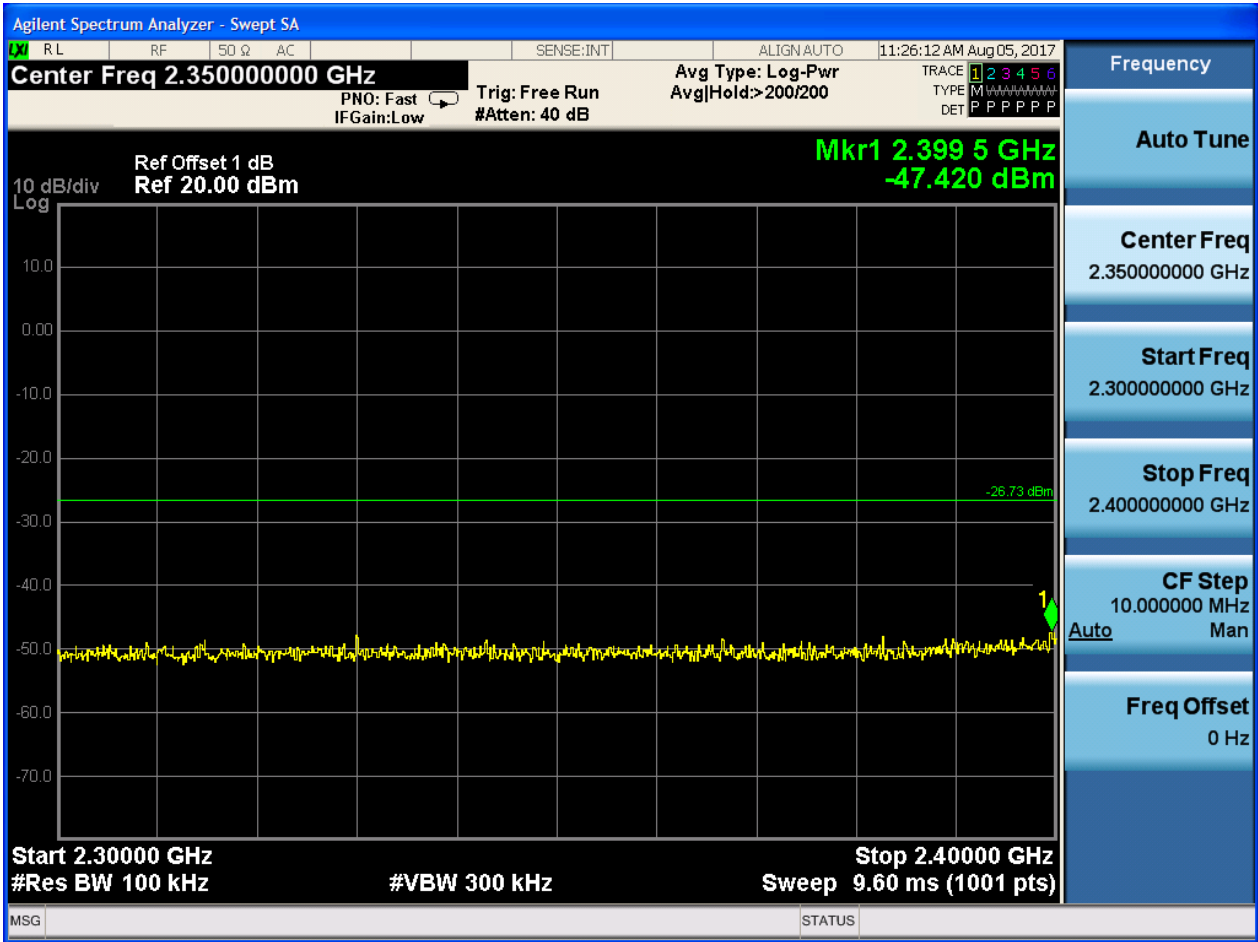


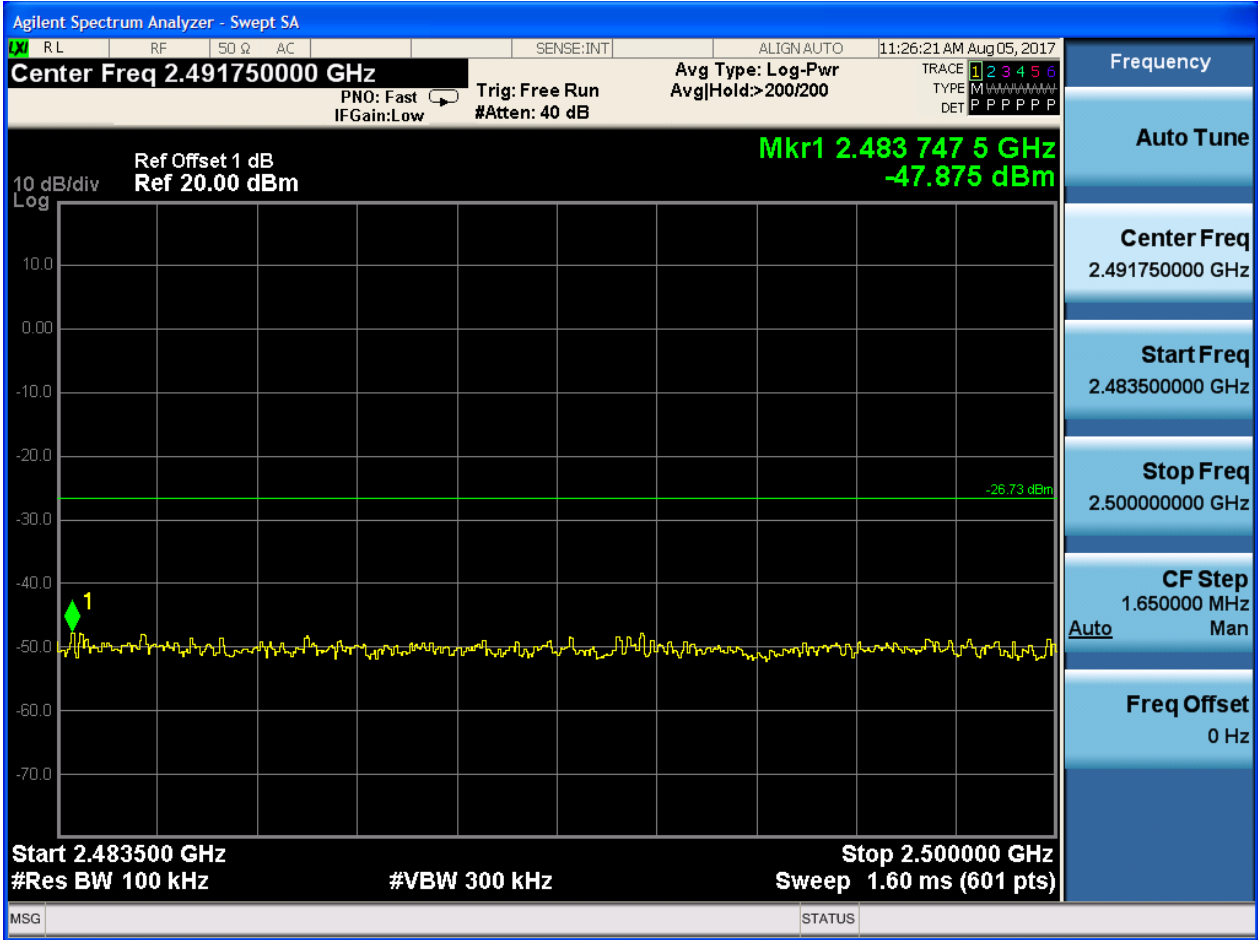
Puw:

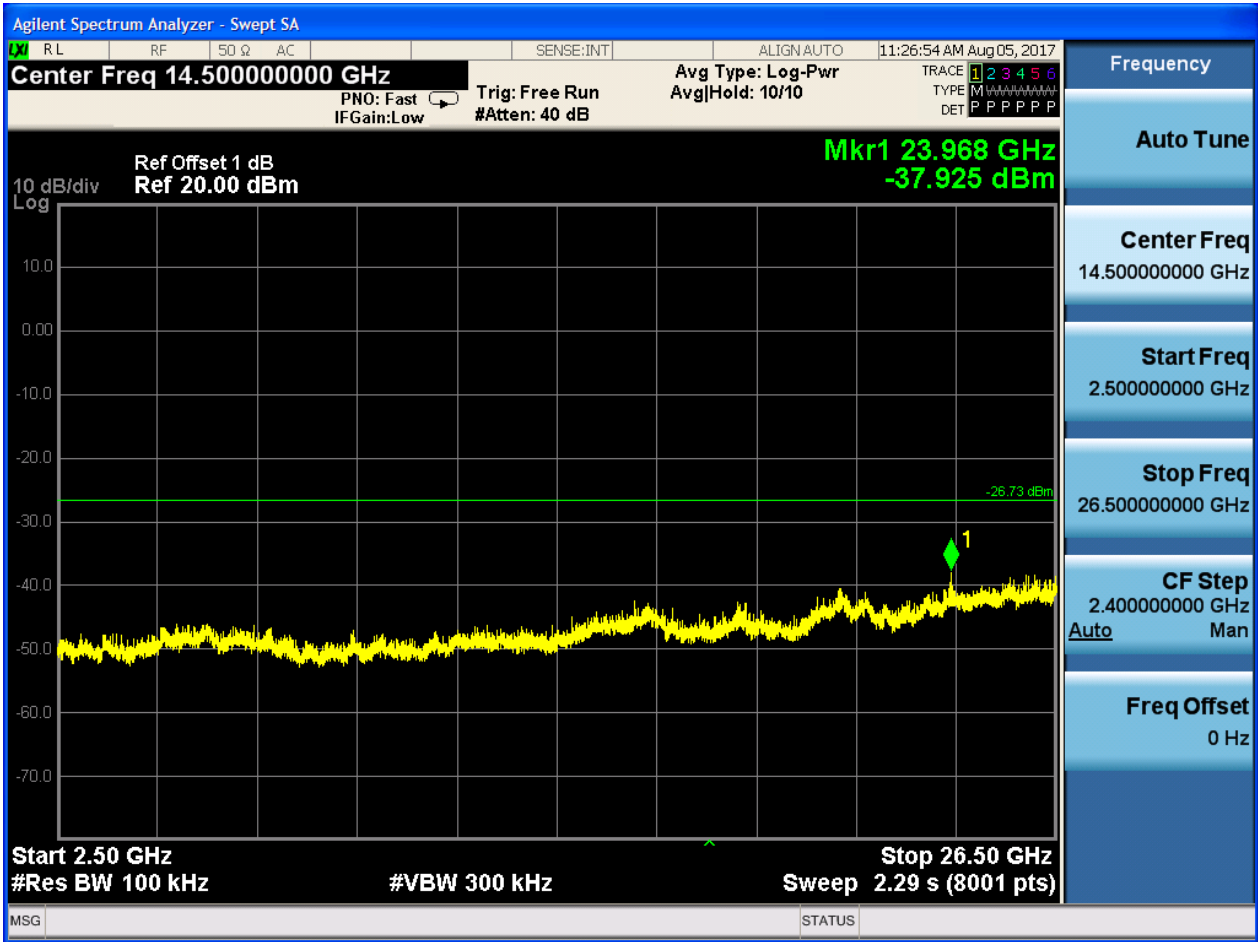








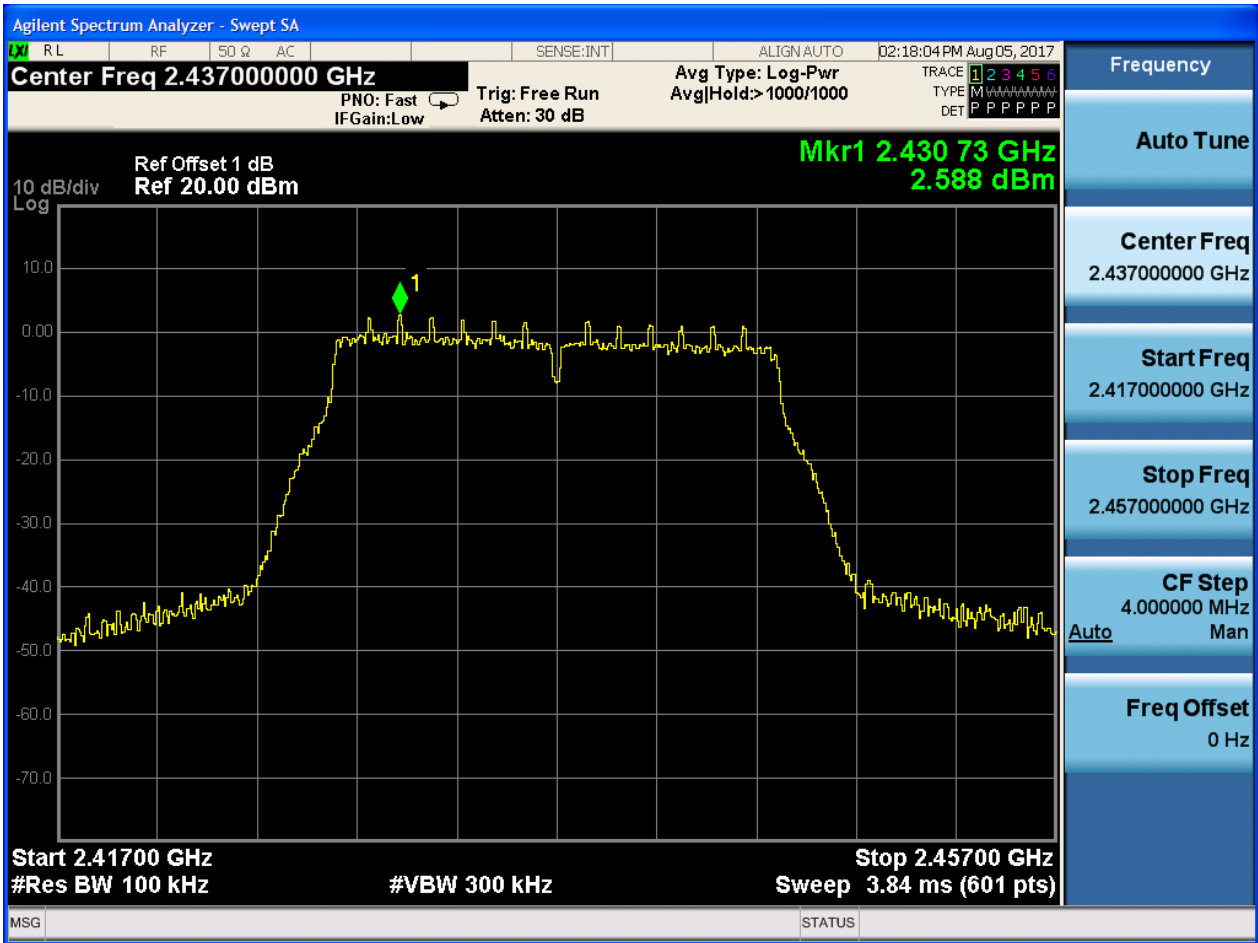






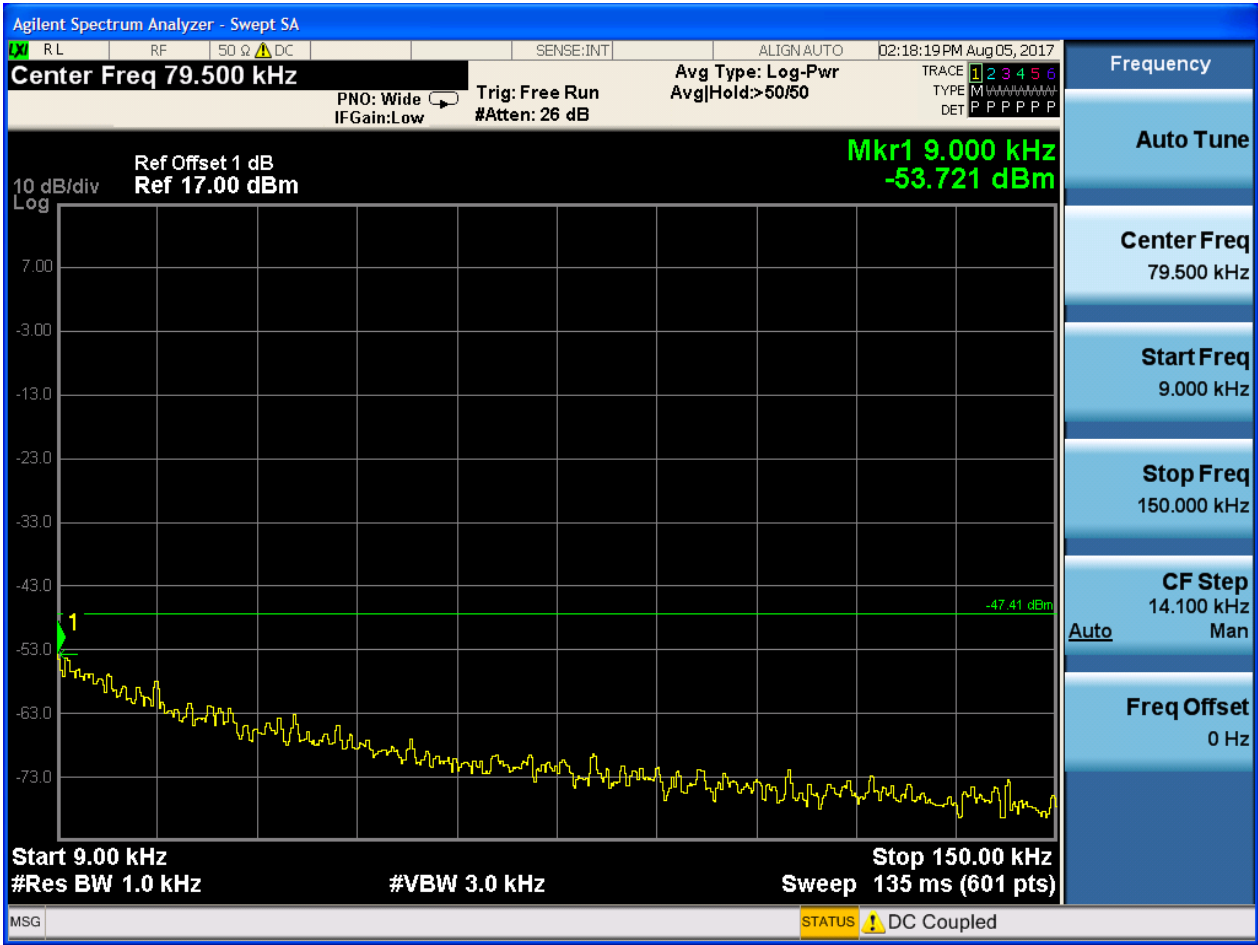
2.16 11N20_M@Ant 2

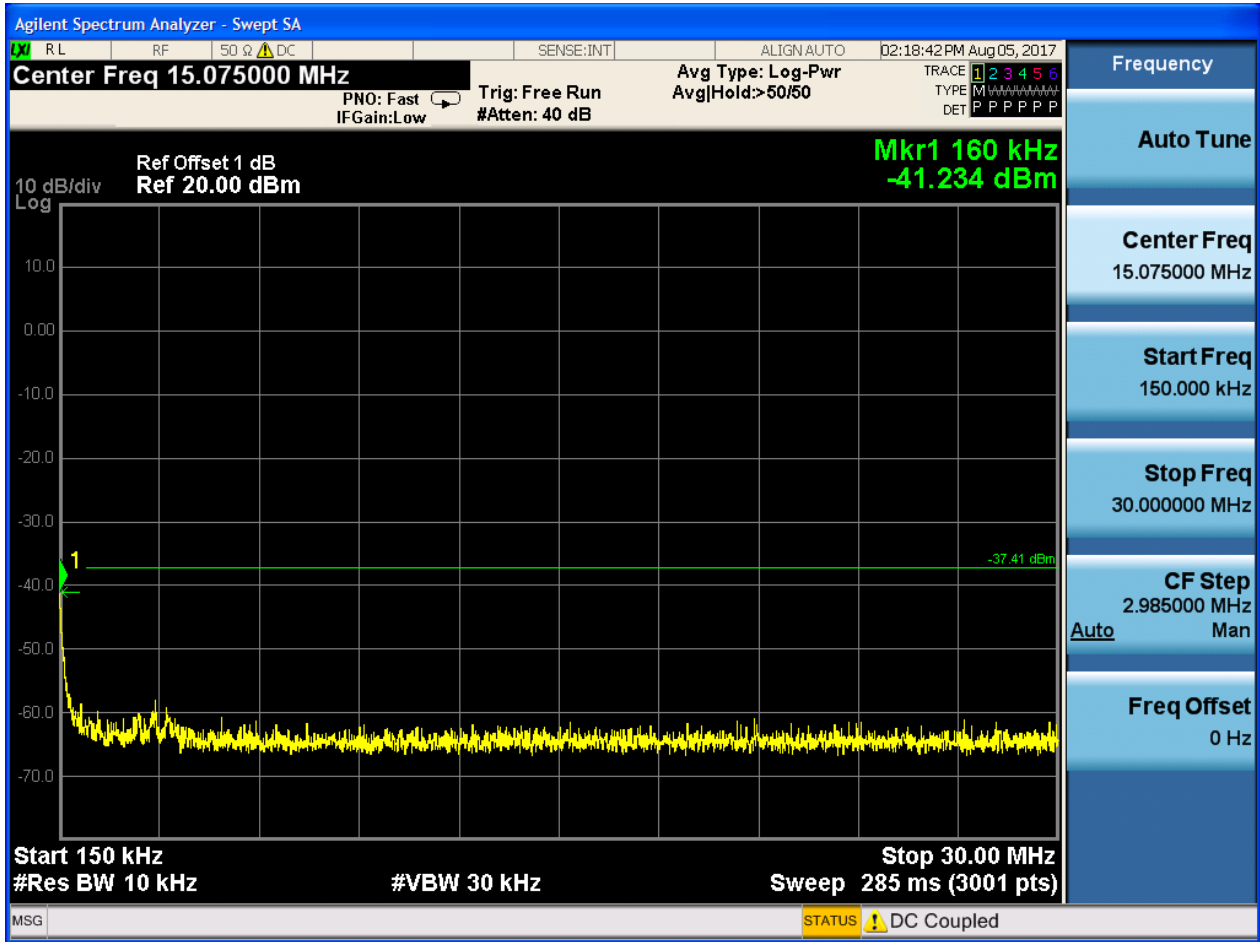
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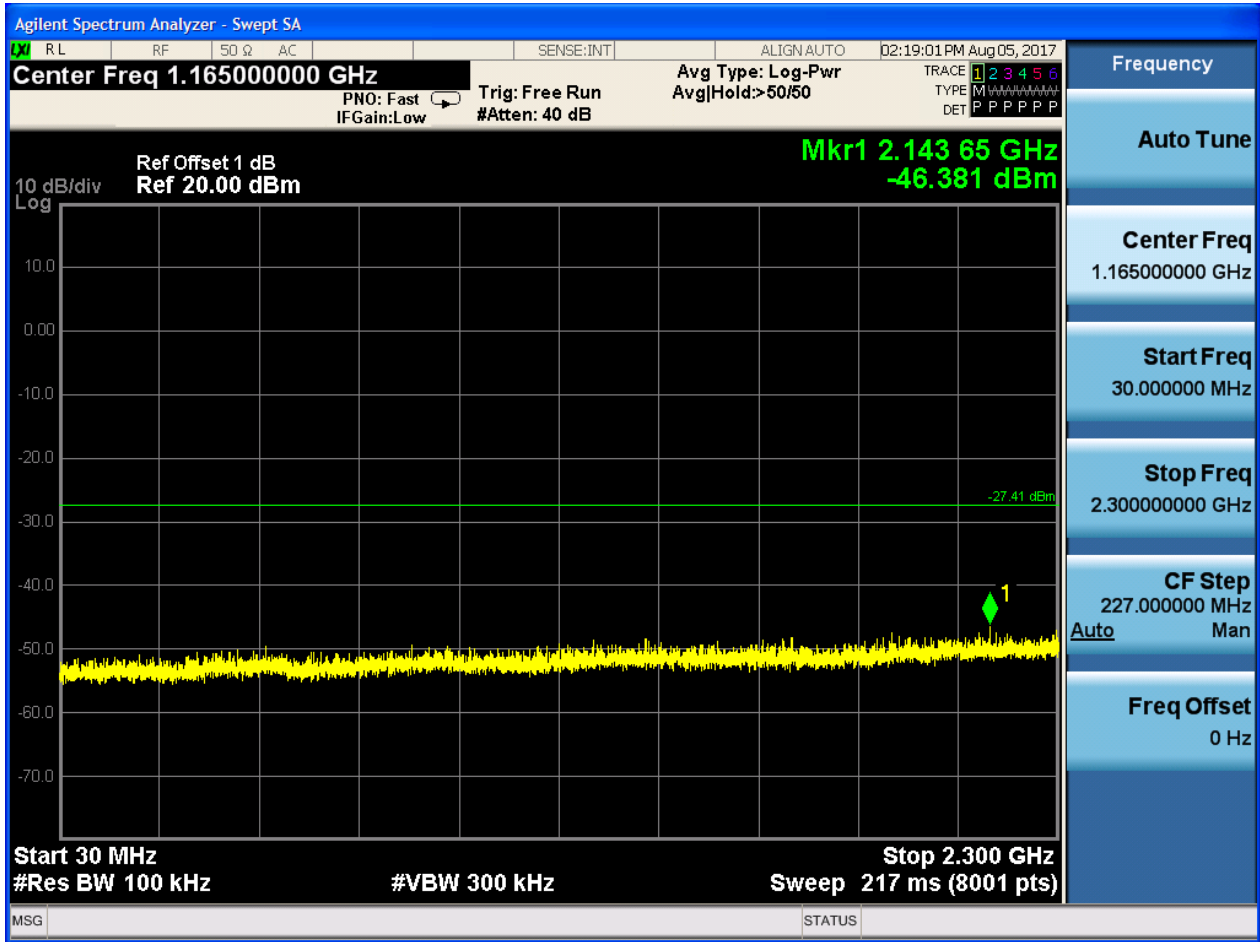


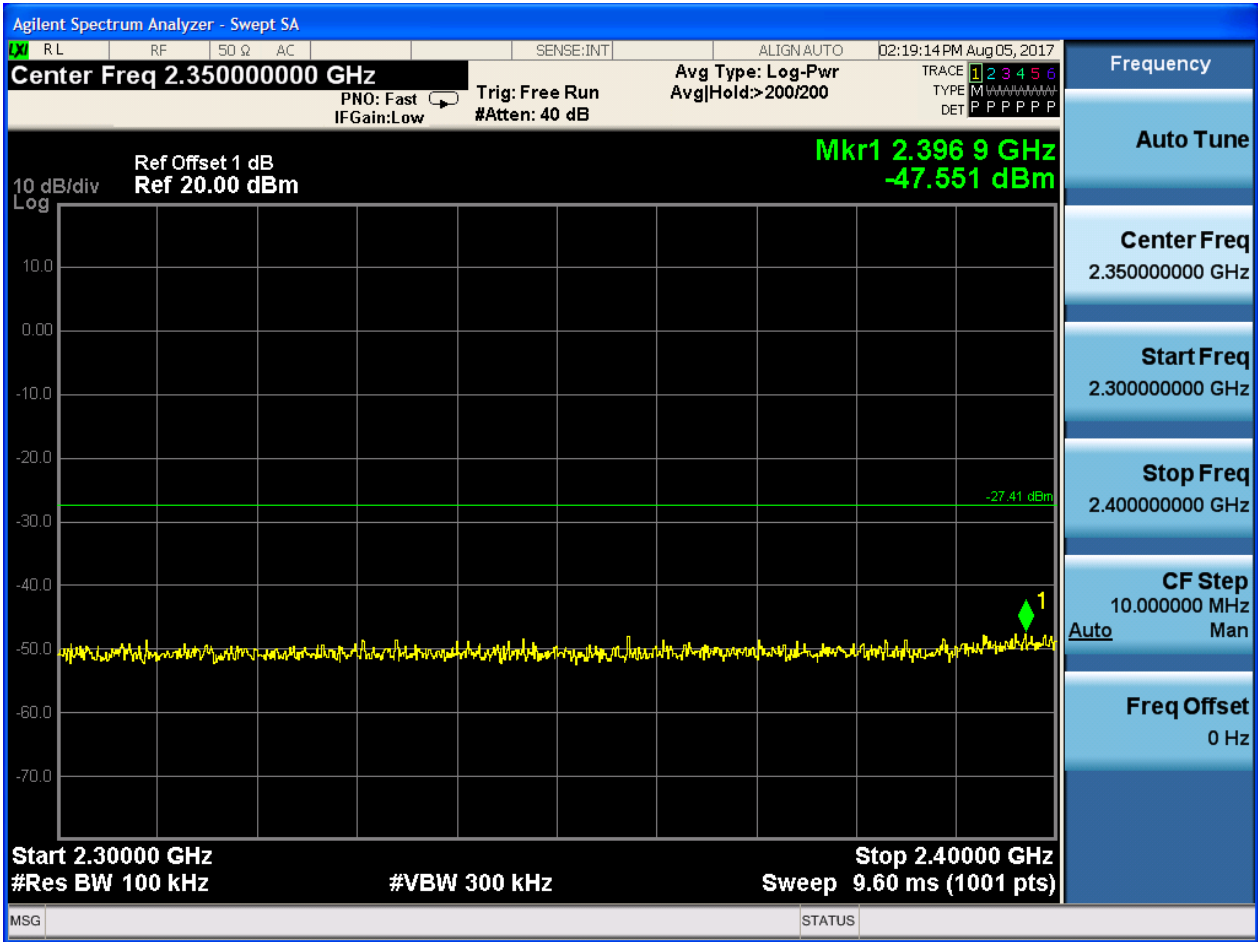


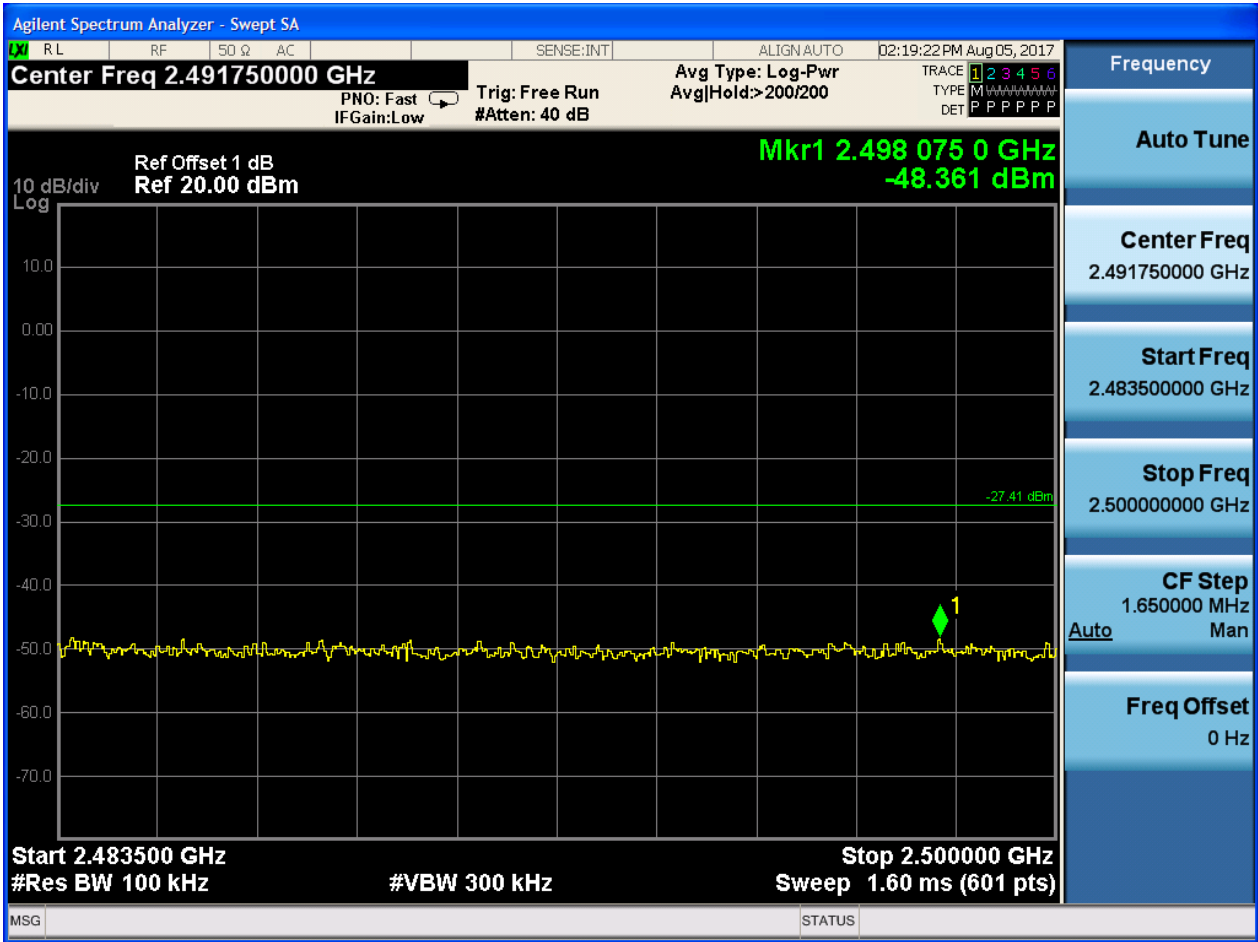
Puw:

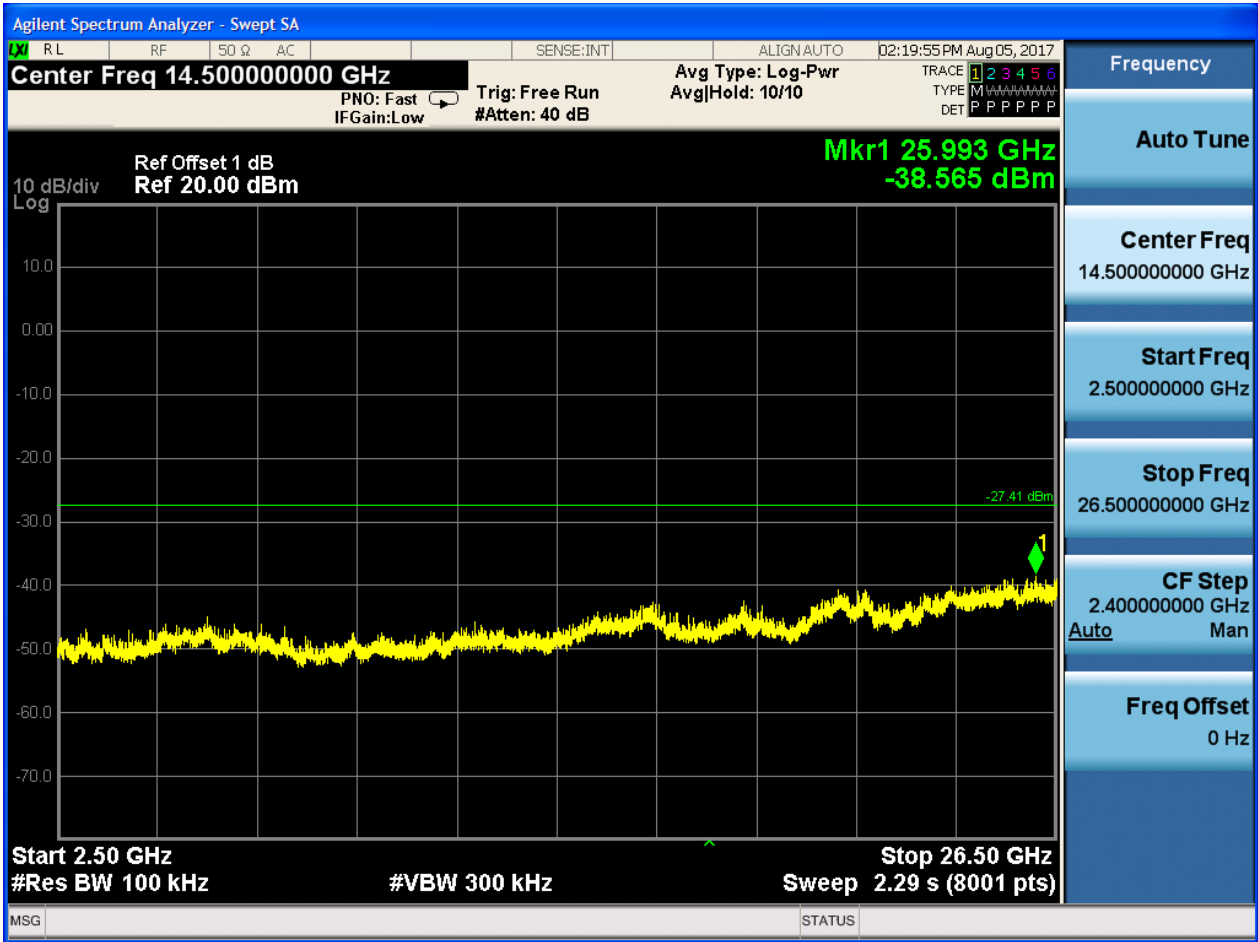








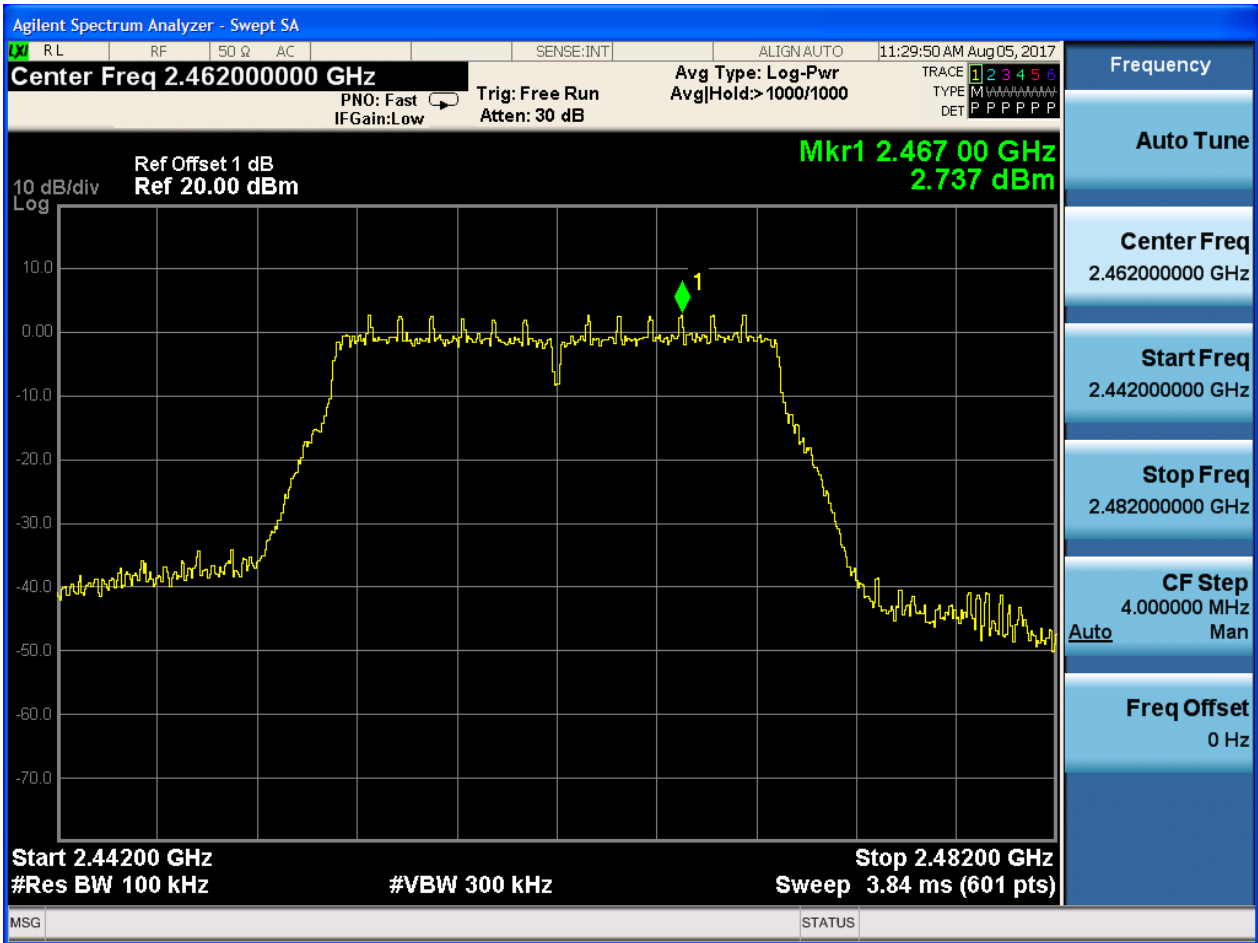






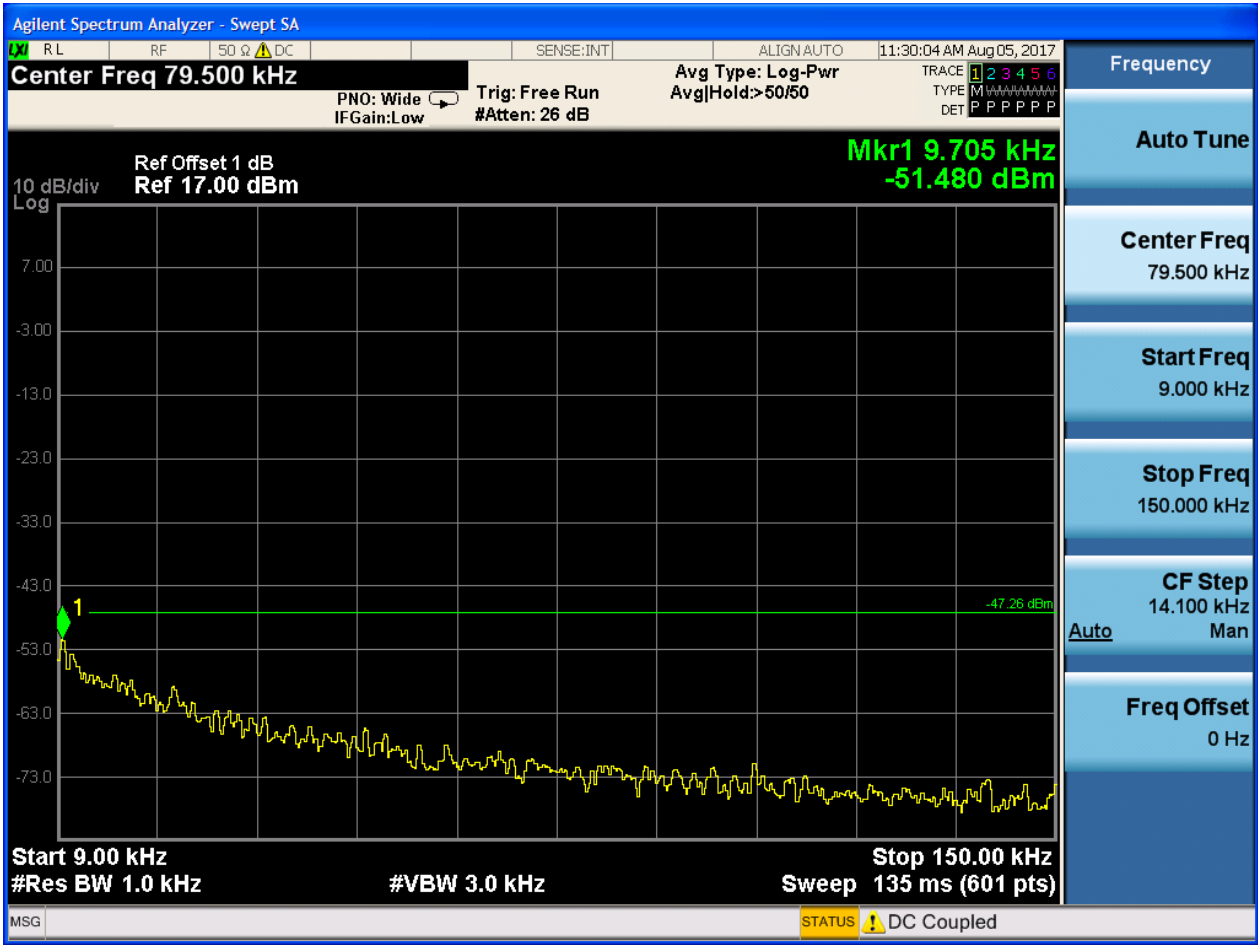
2.17 11N20_H@Ant 1

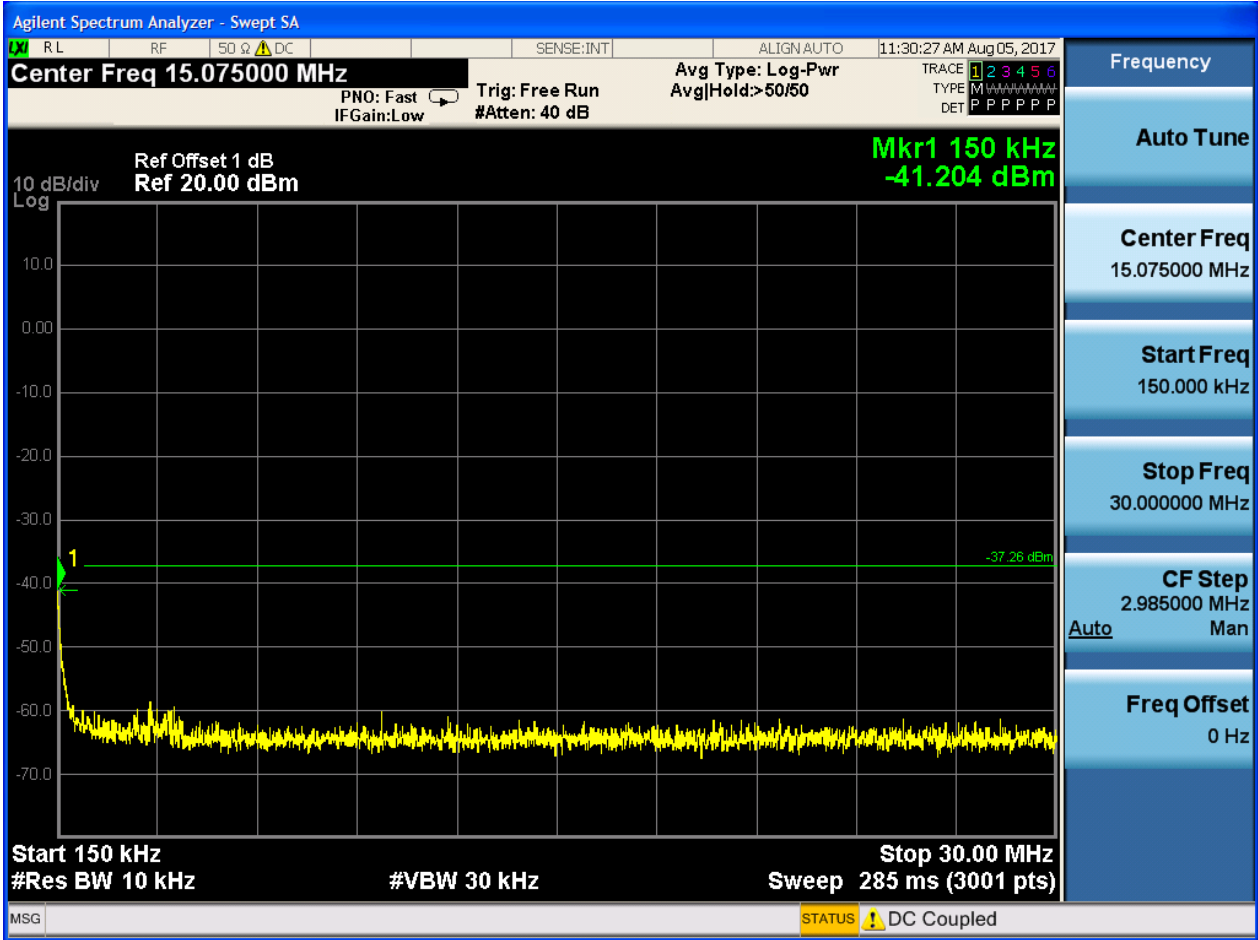
Pref:

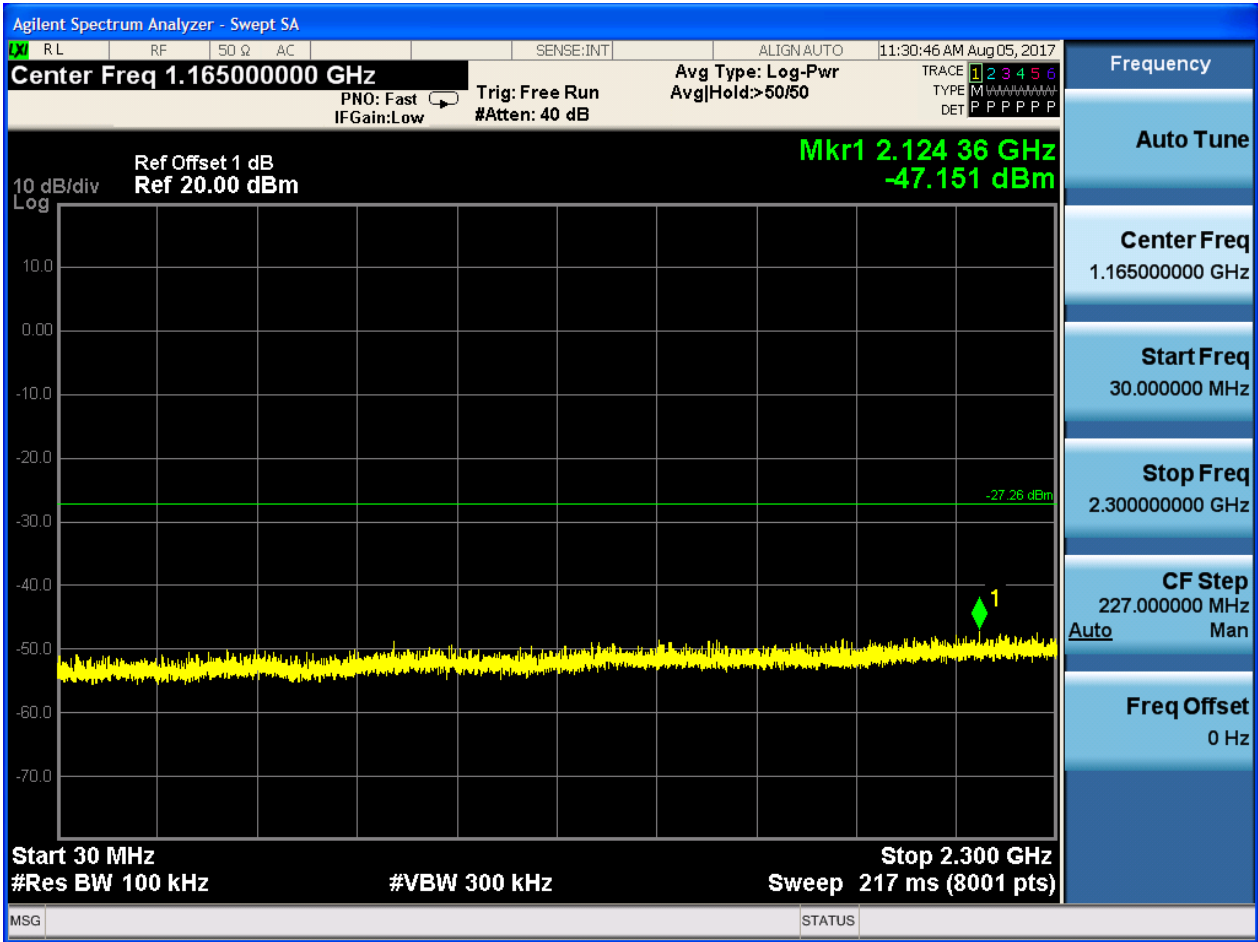


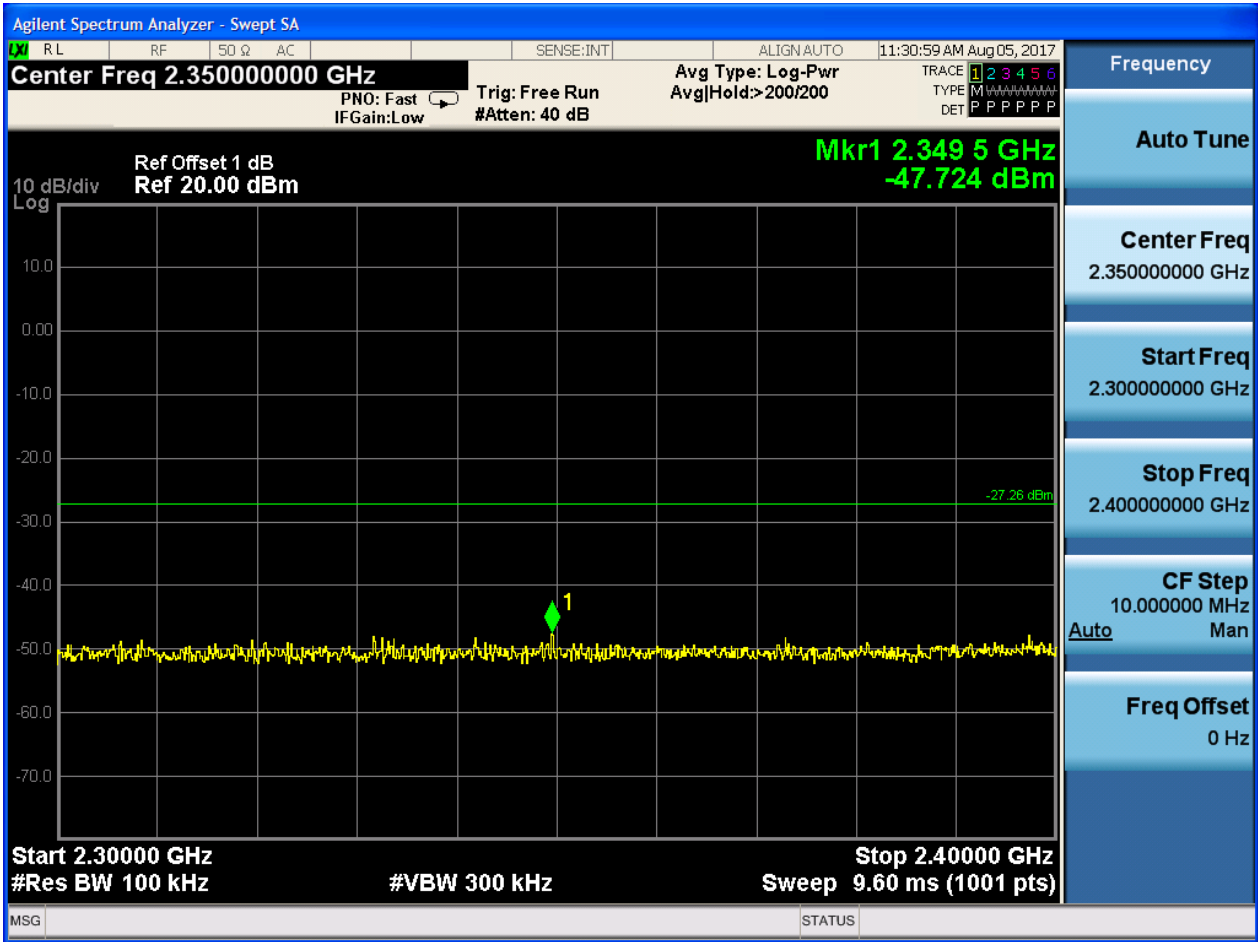


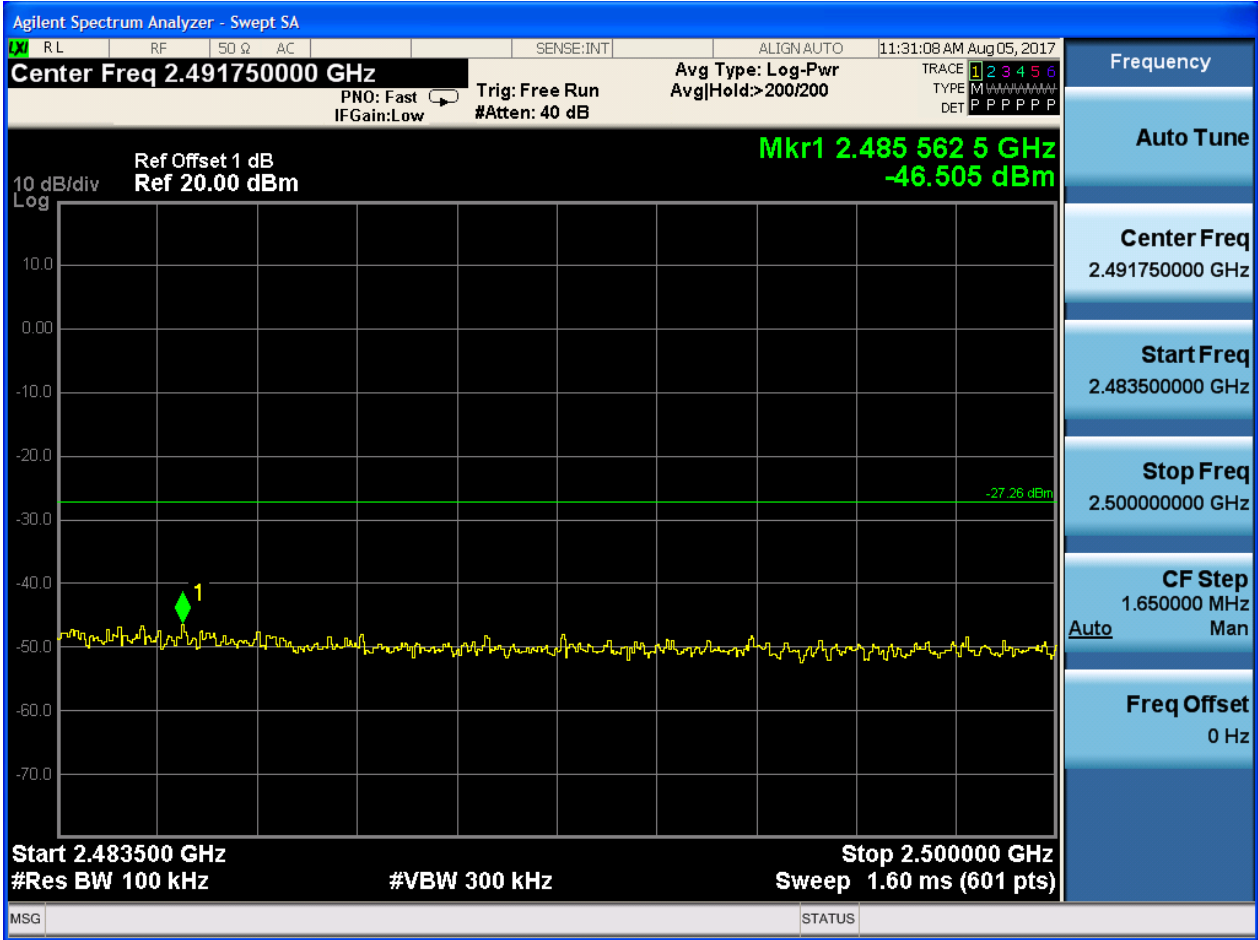
P_{uw}:

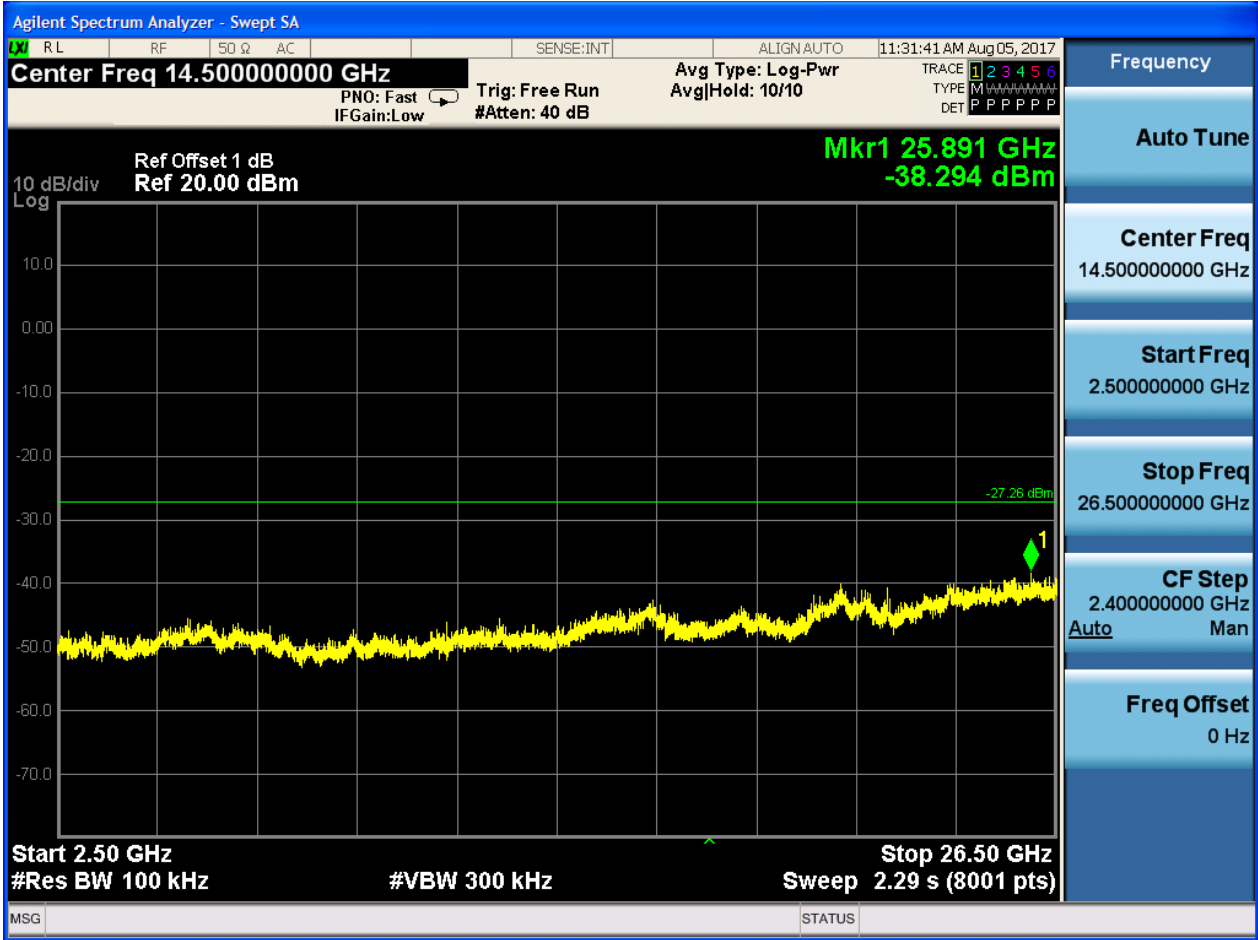








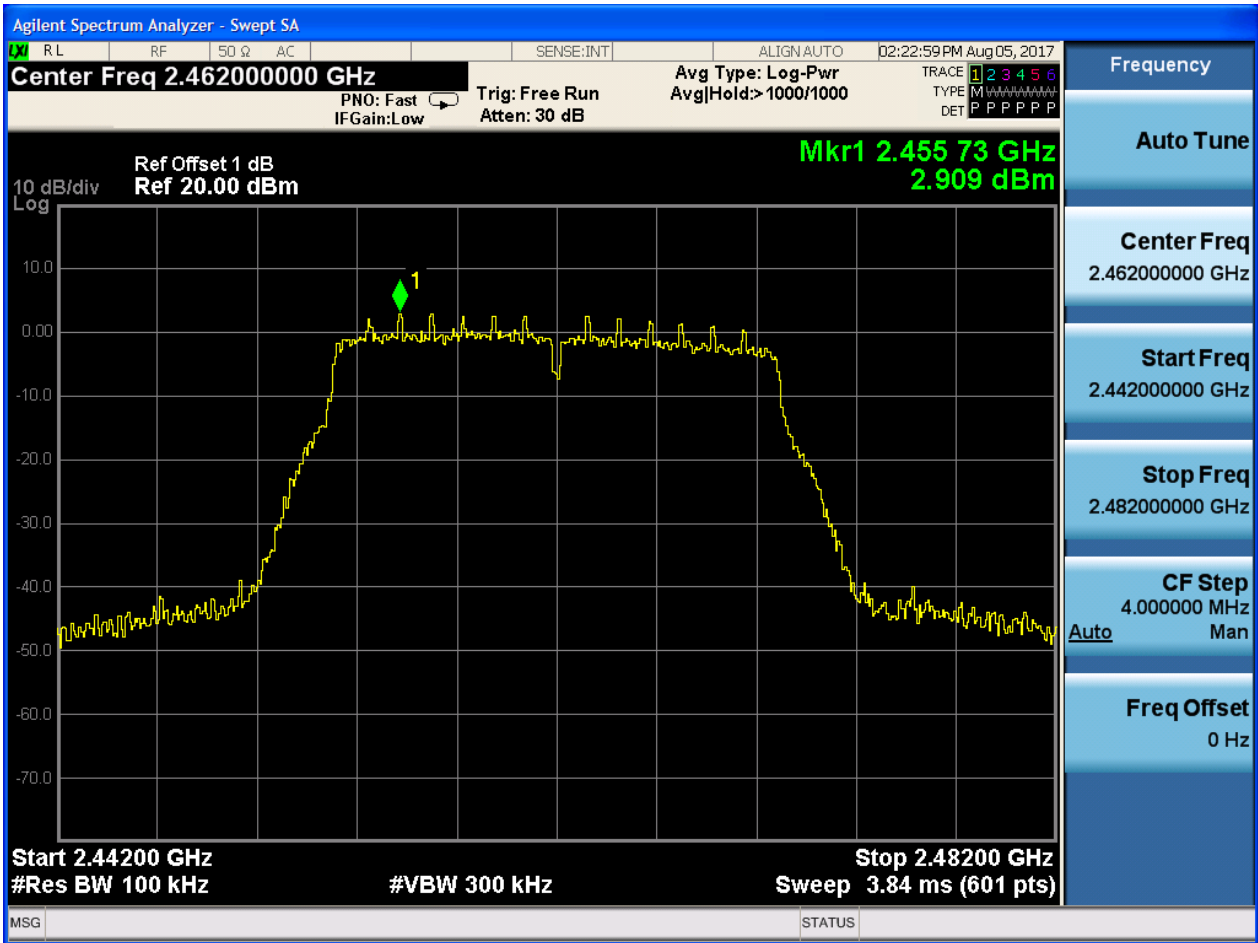






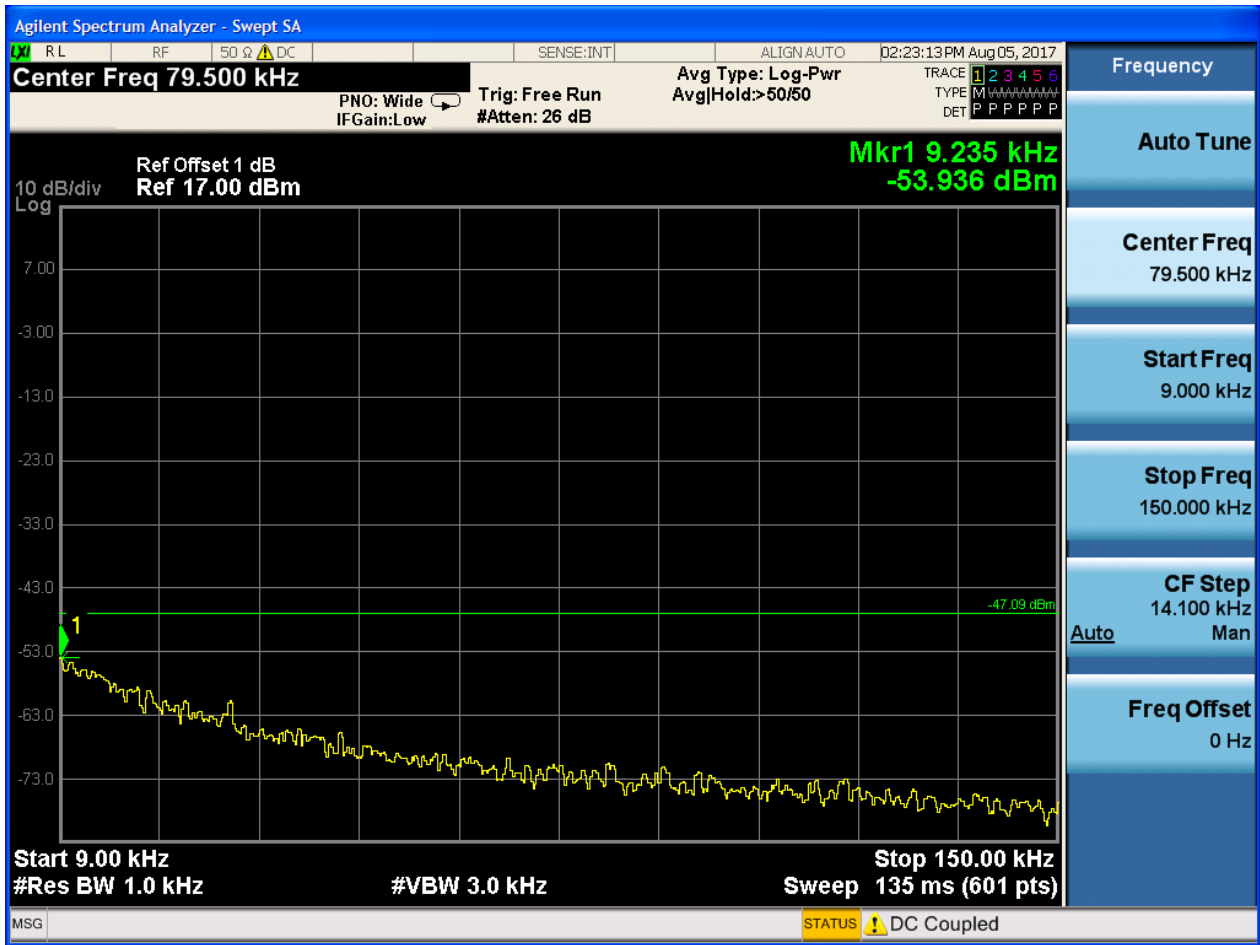
2.18 11N20_H@Ant 2

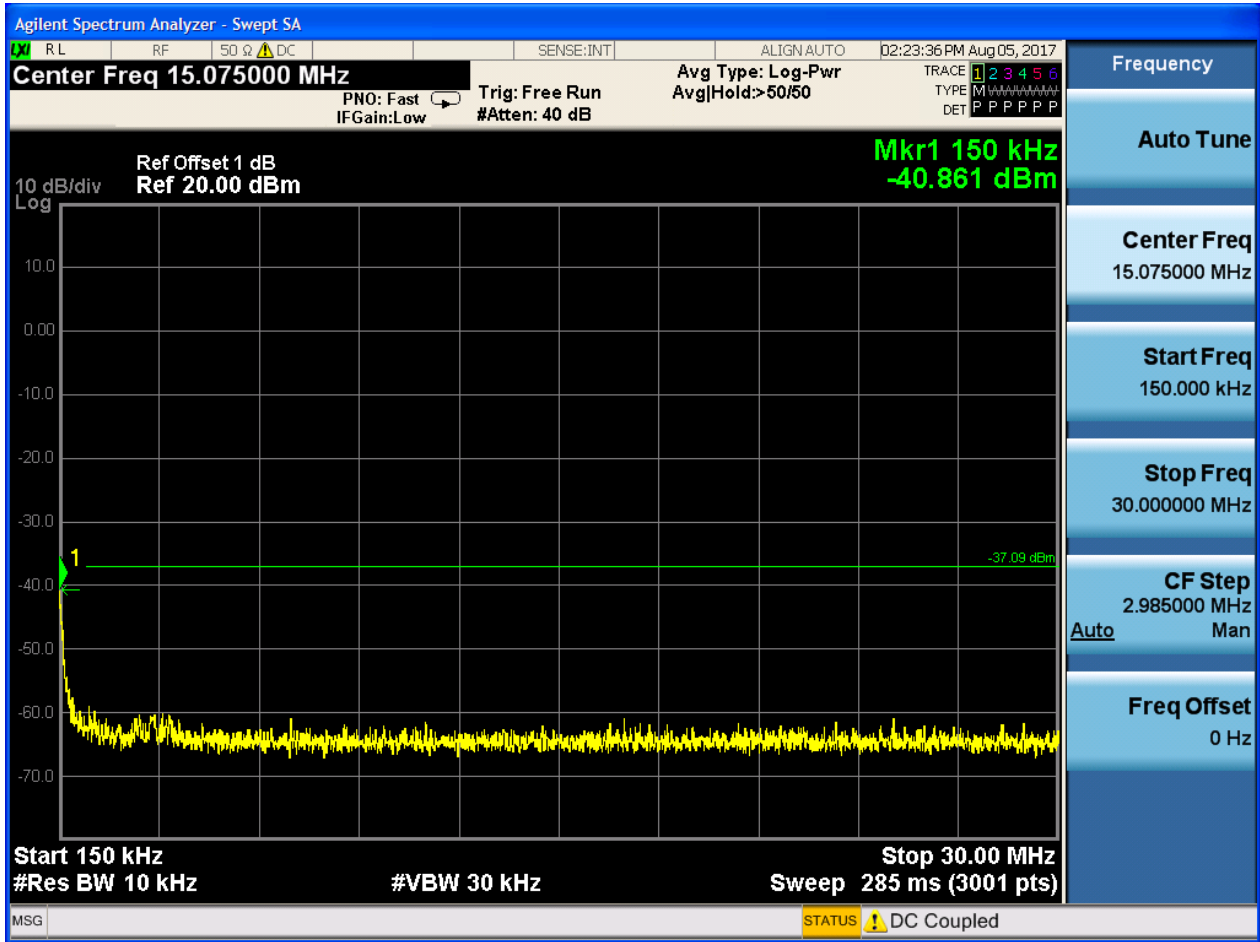
Pref:

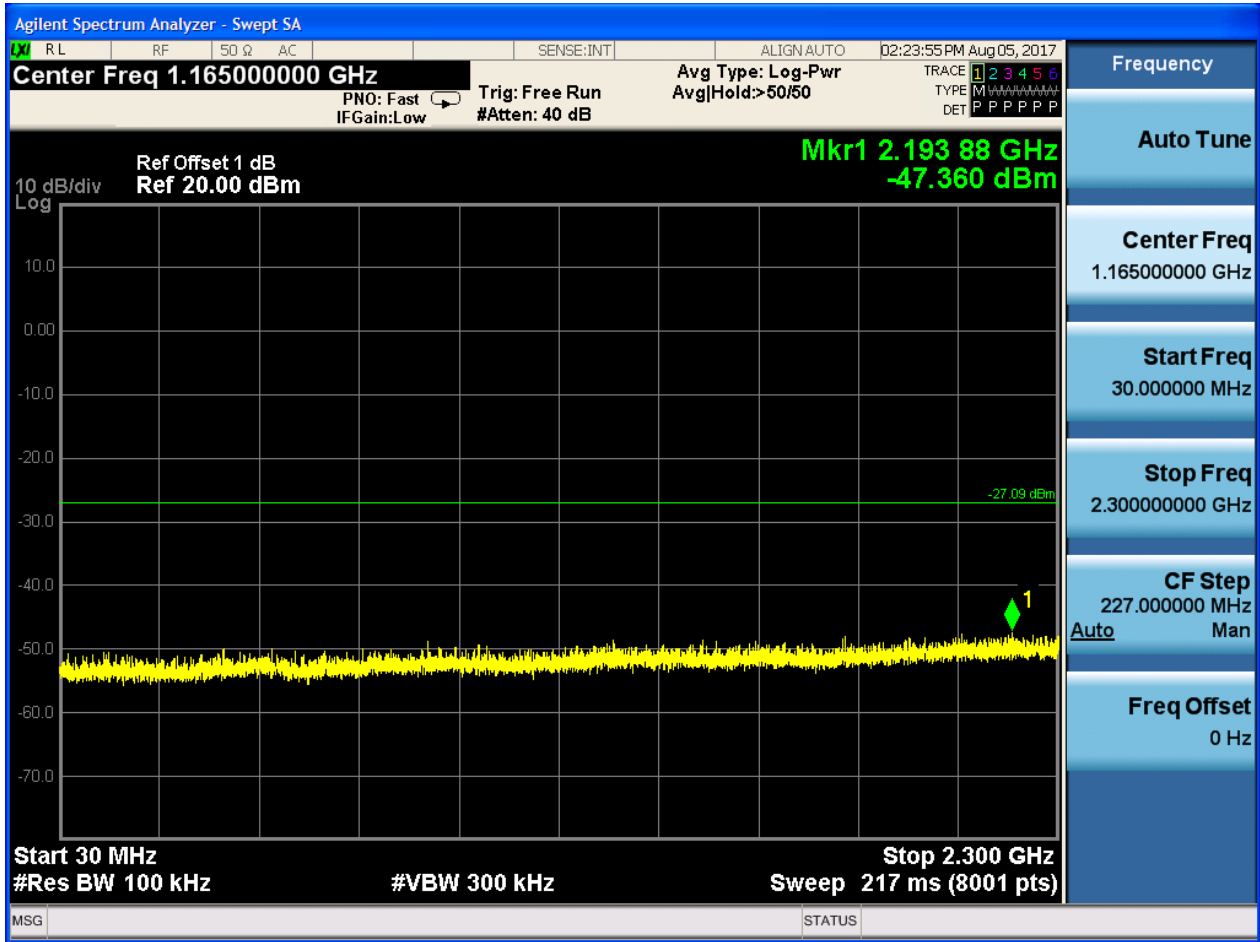


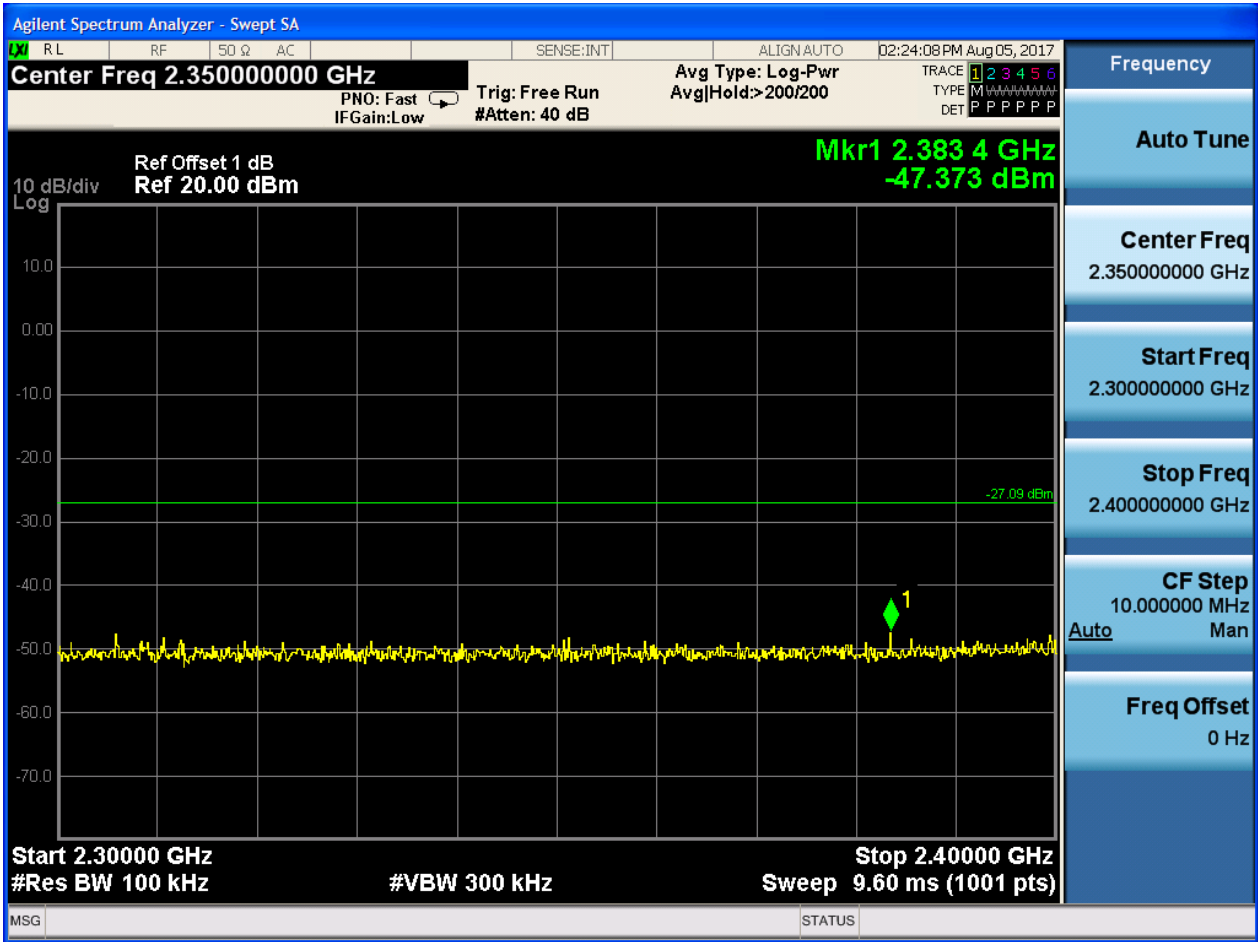


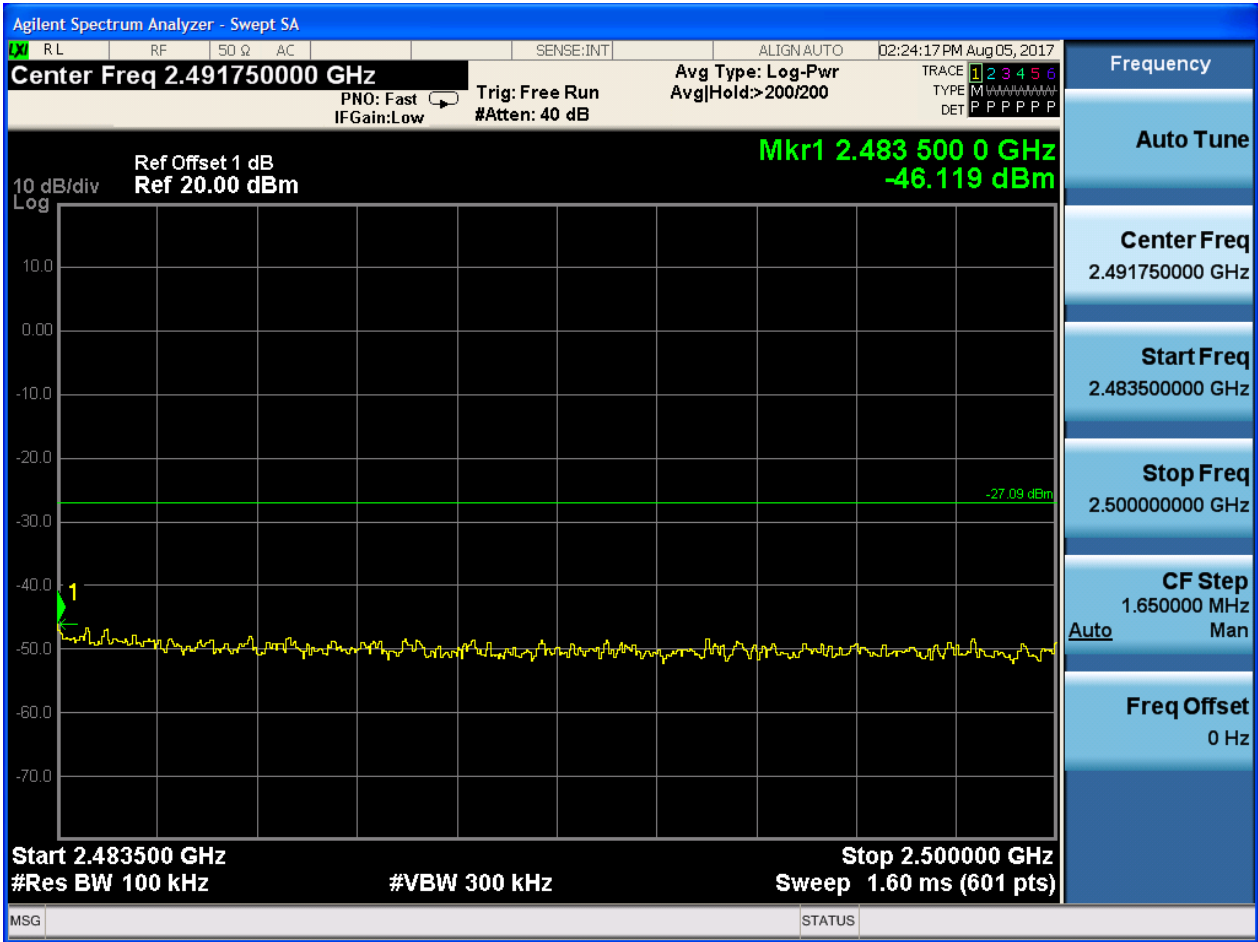
P_uw:

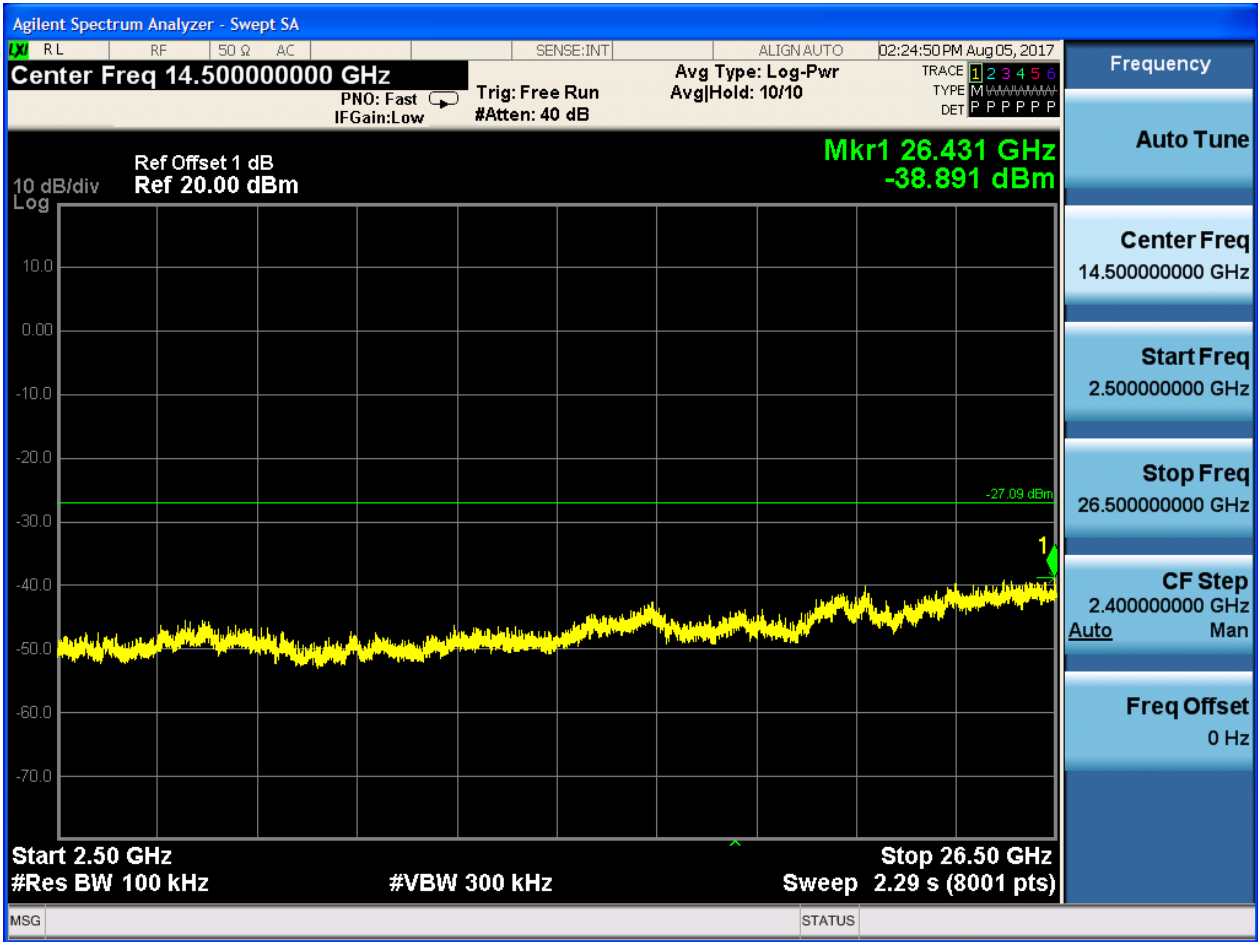








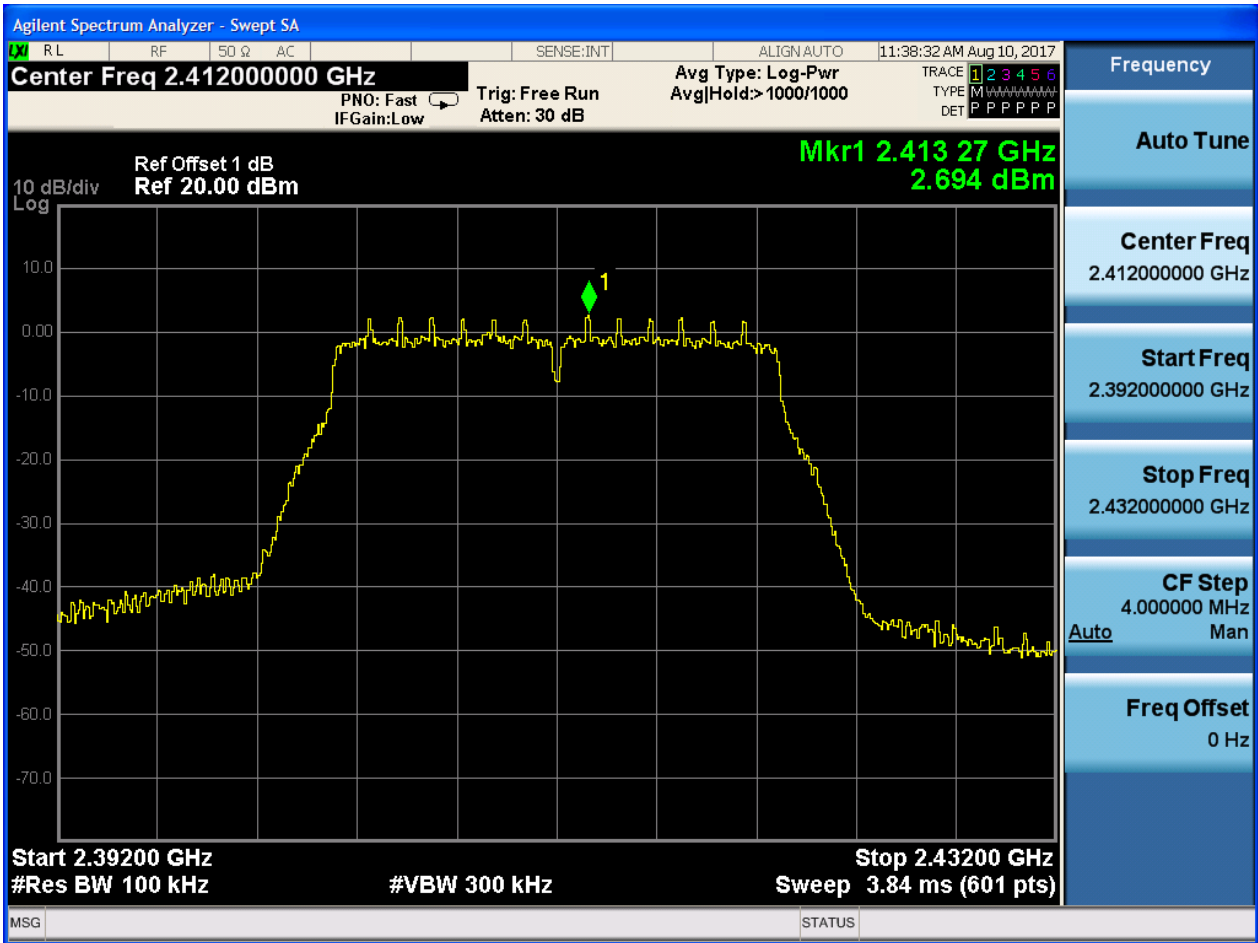






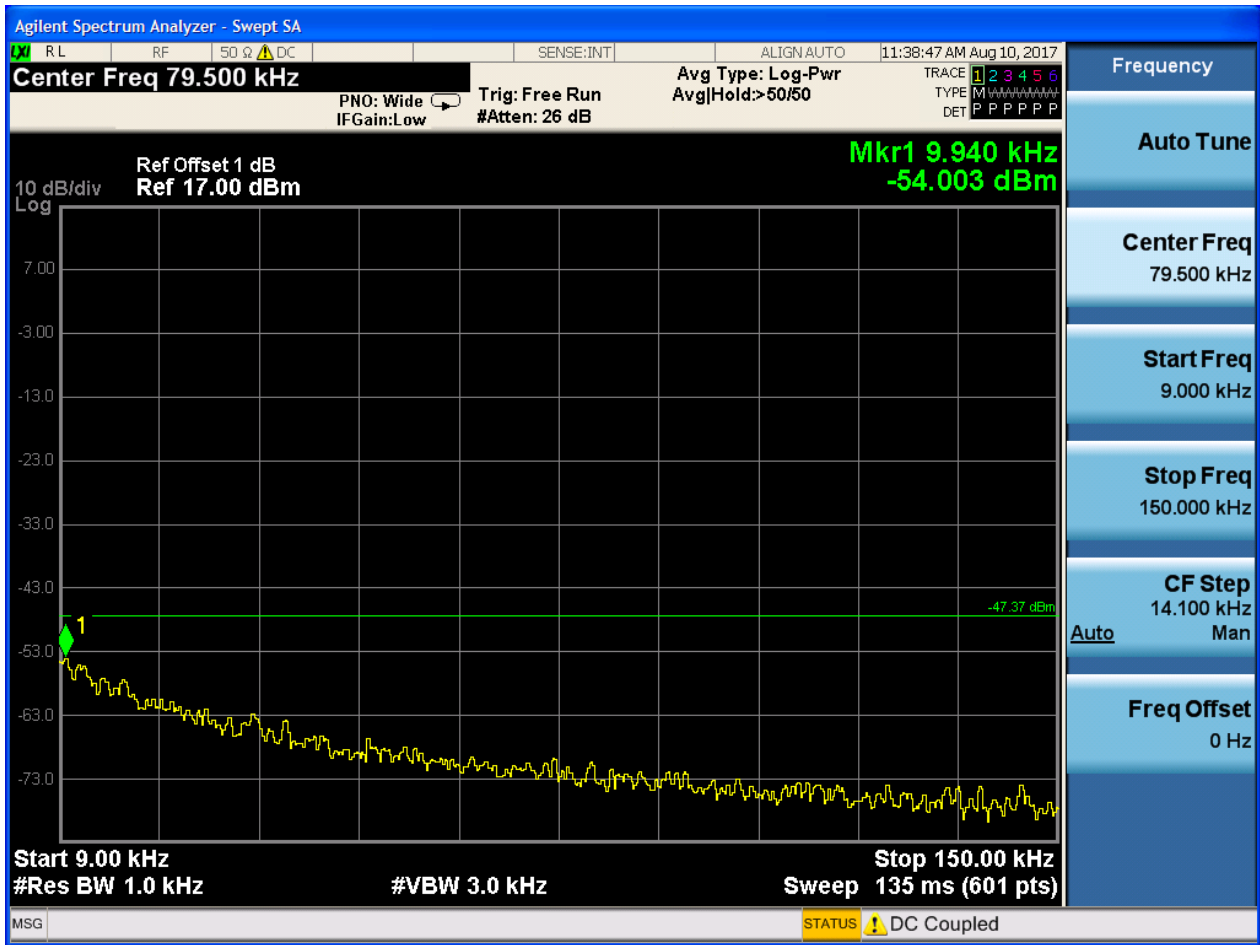
2.19 11N20m_L@Ant 1

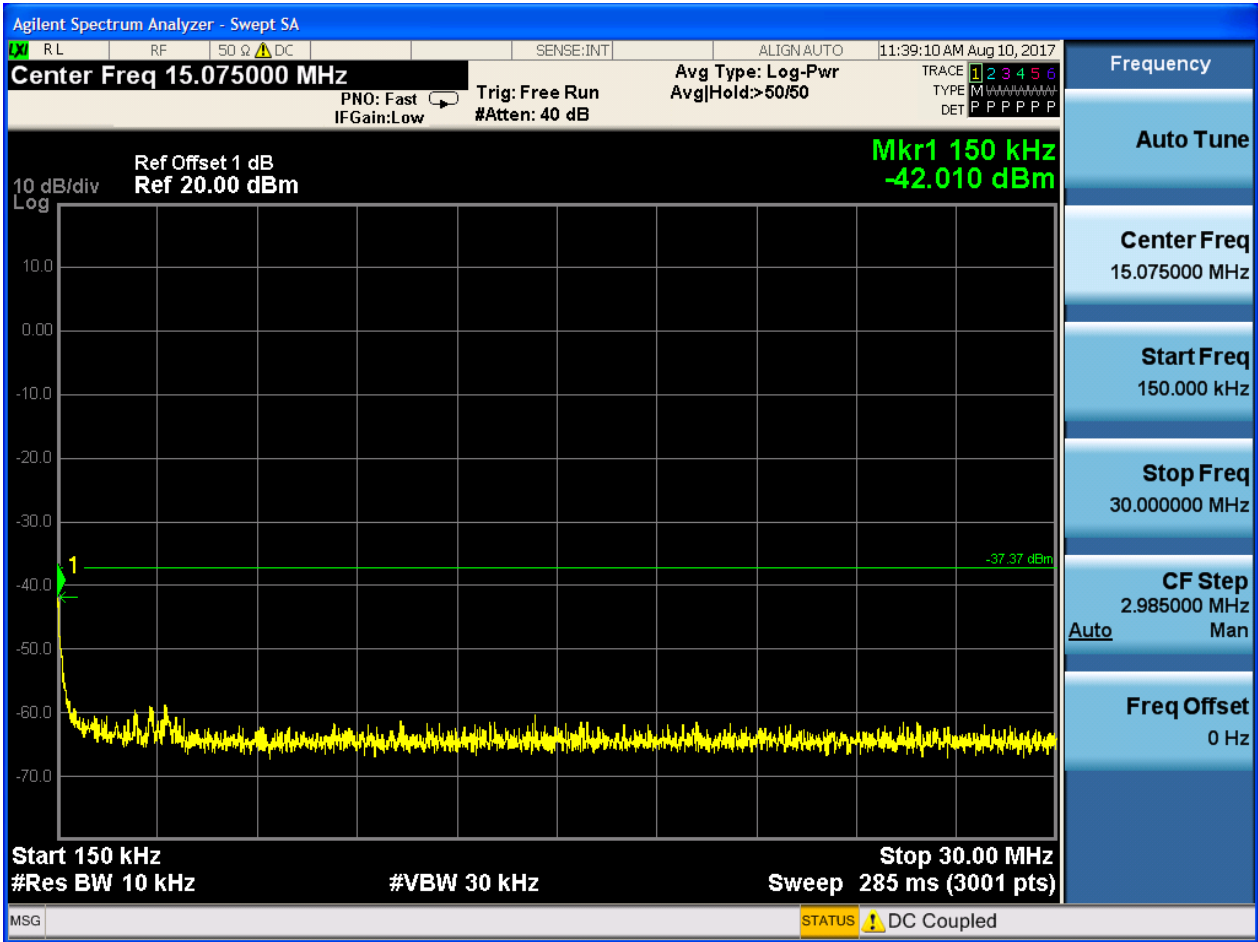
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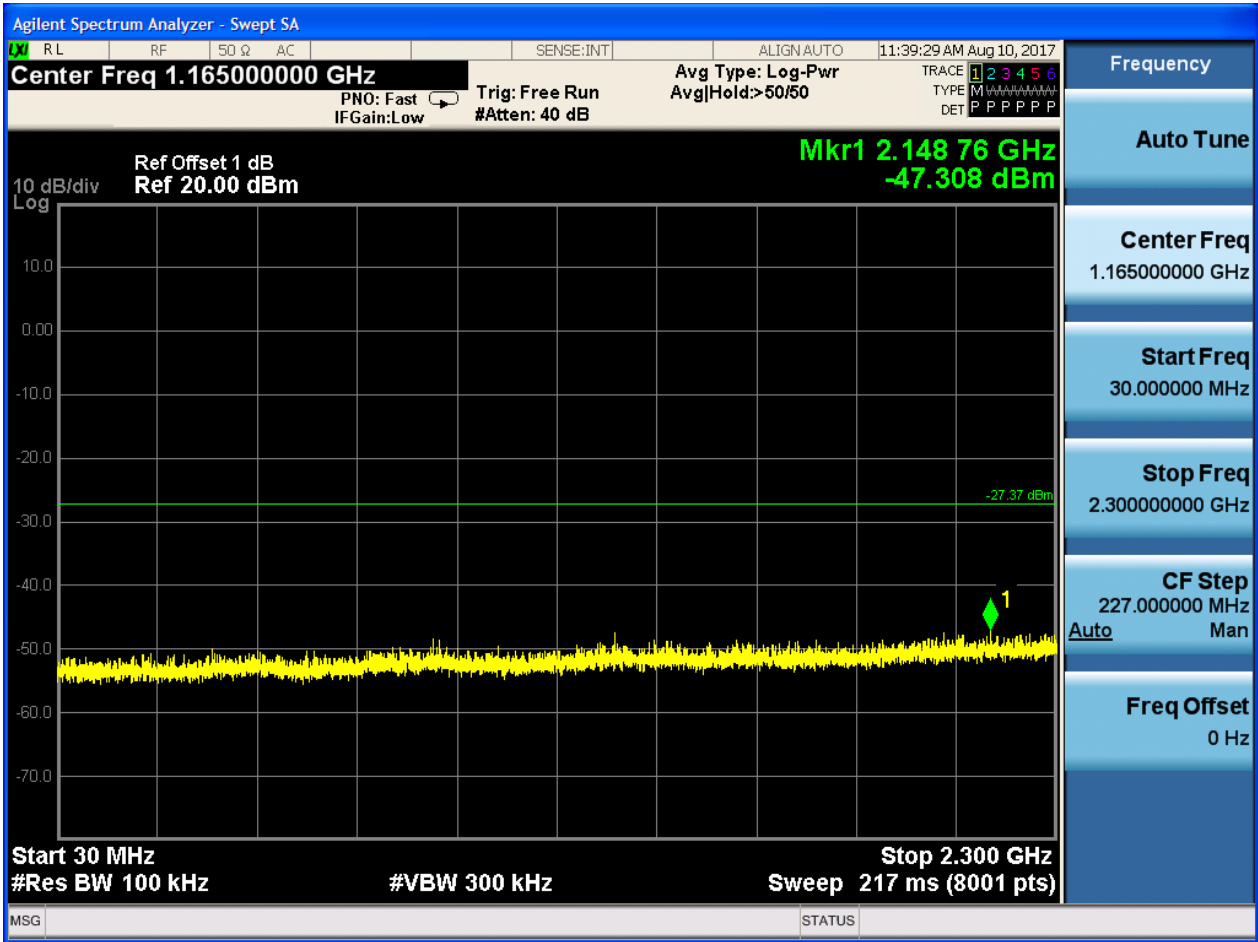


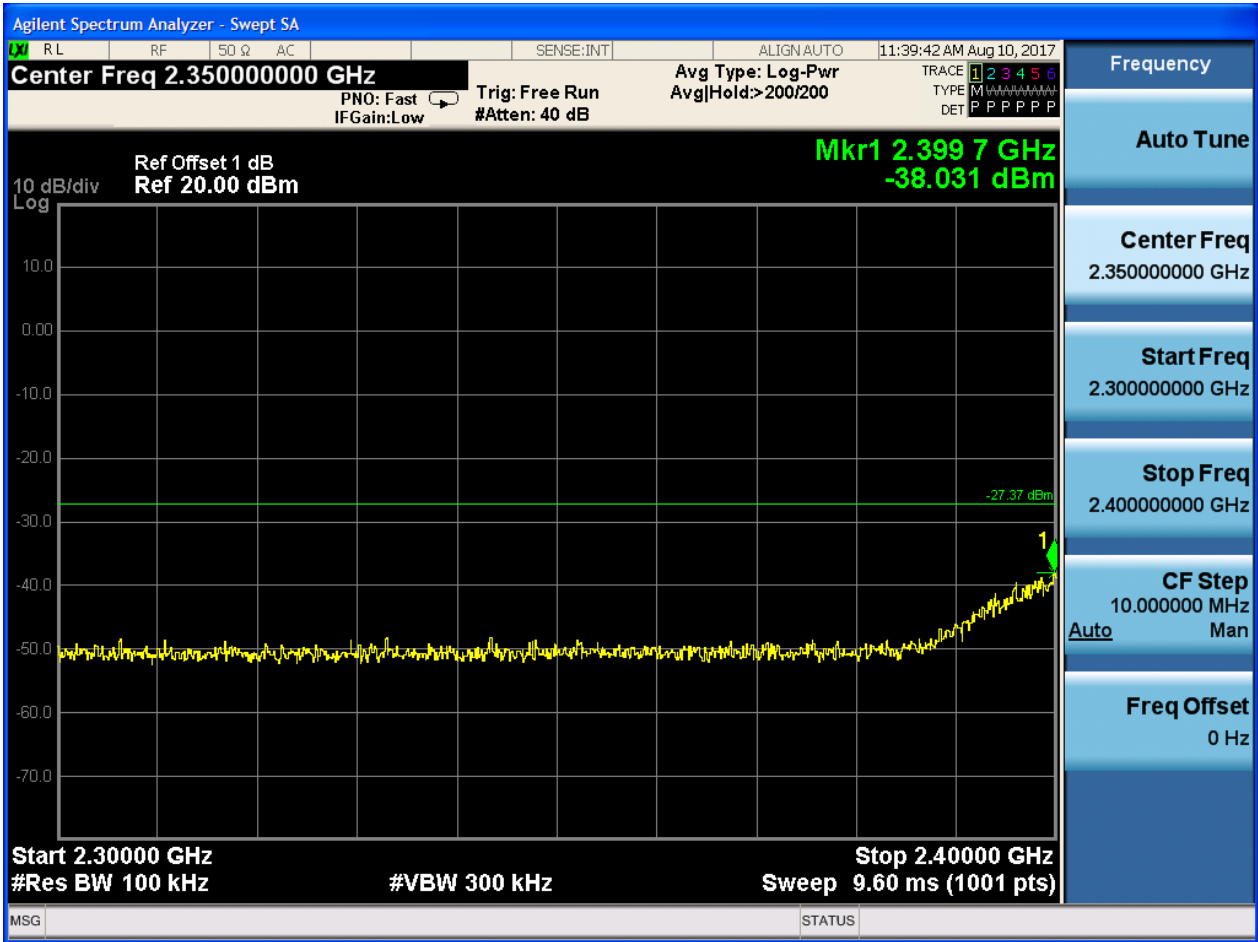


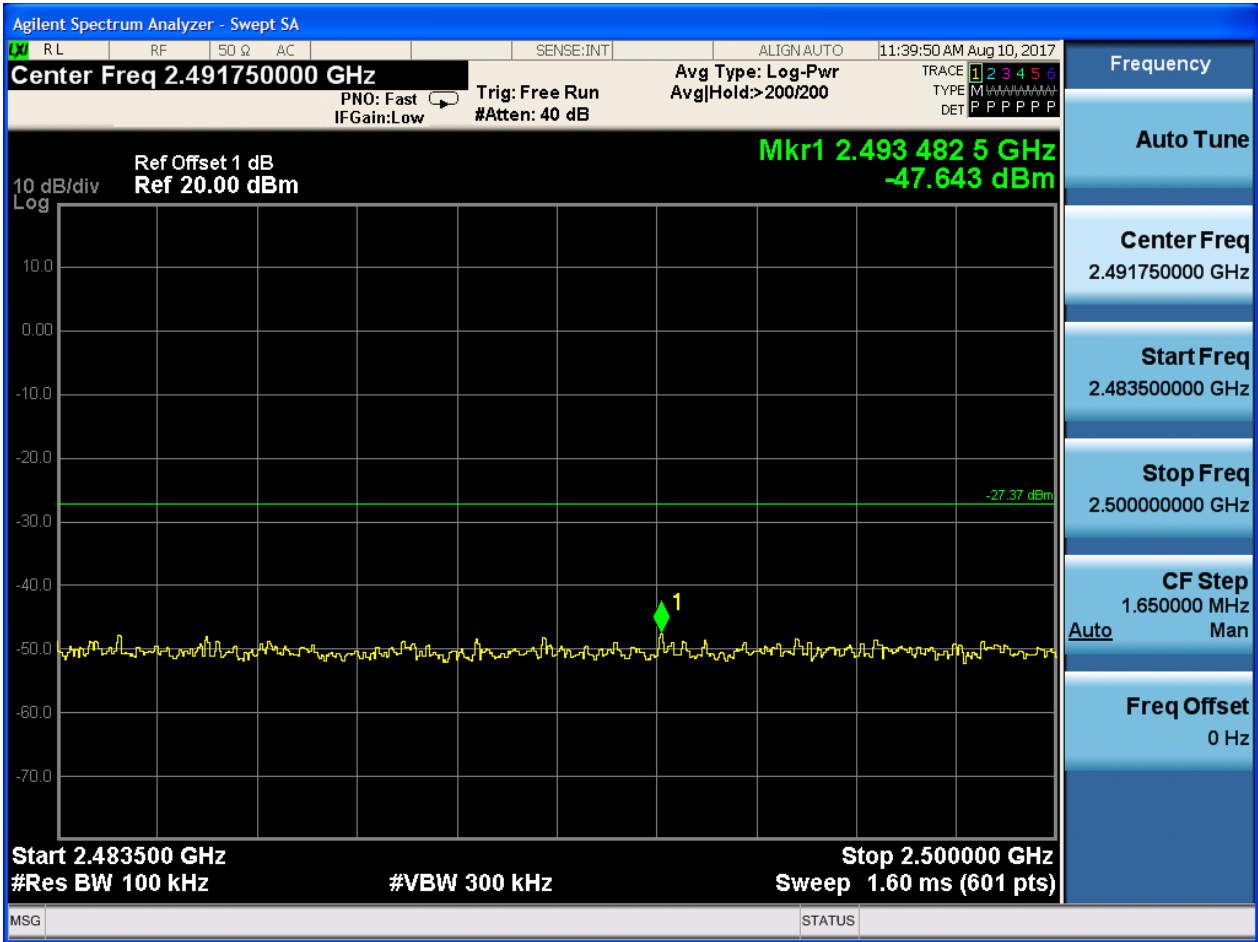
P_{uw}:

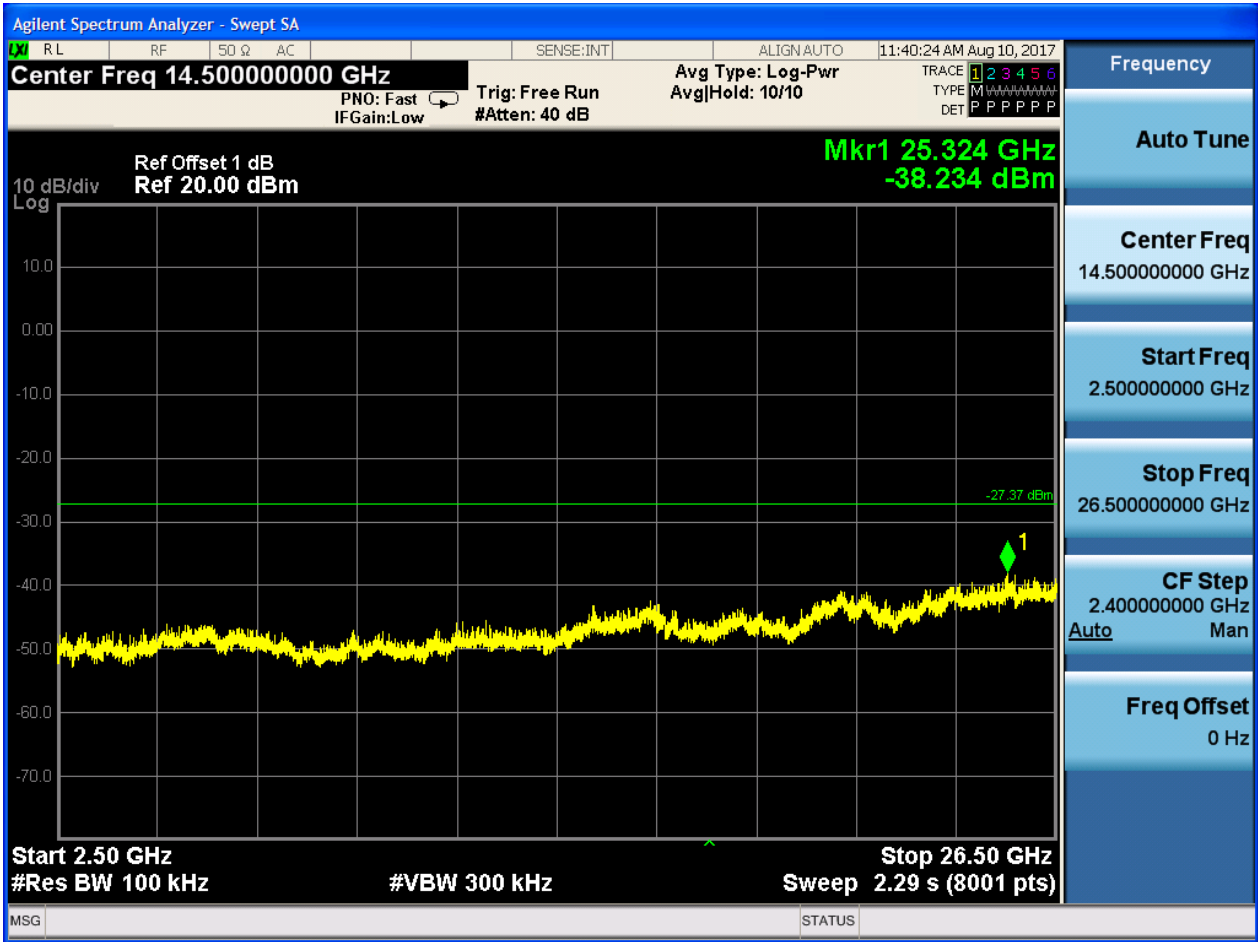








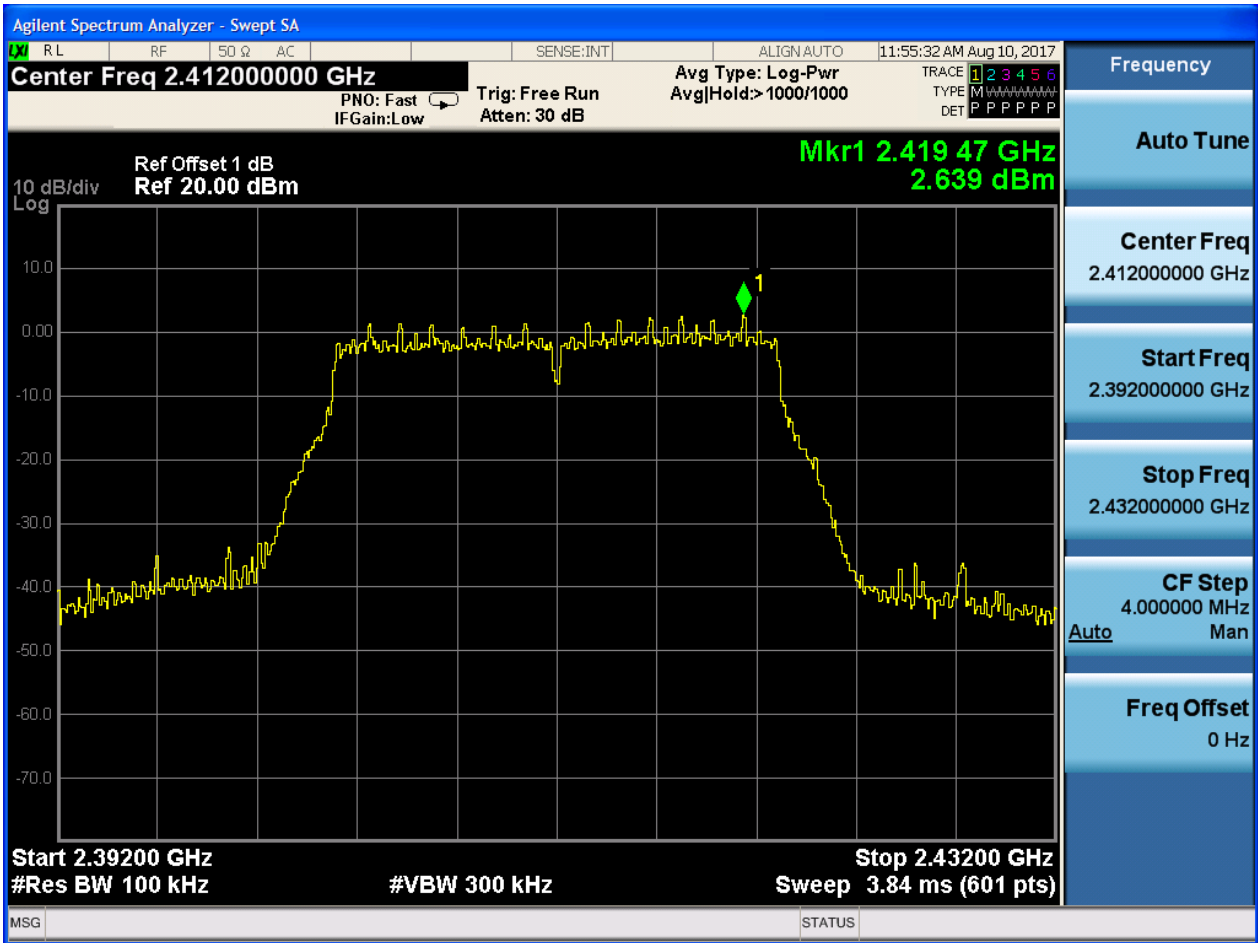






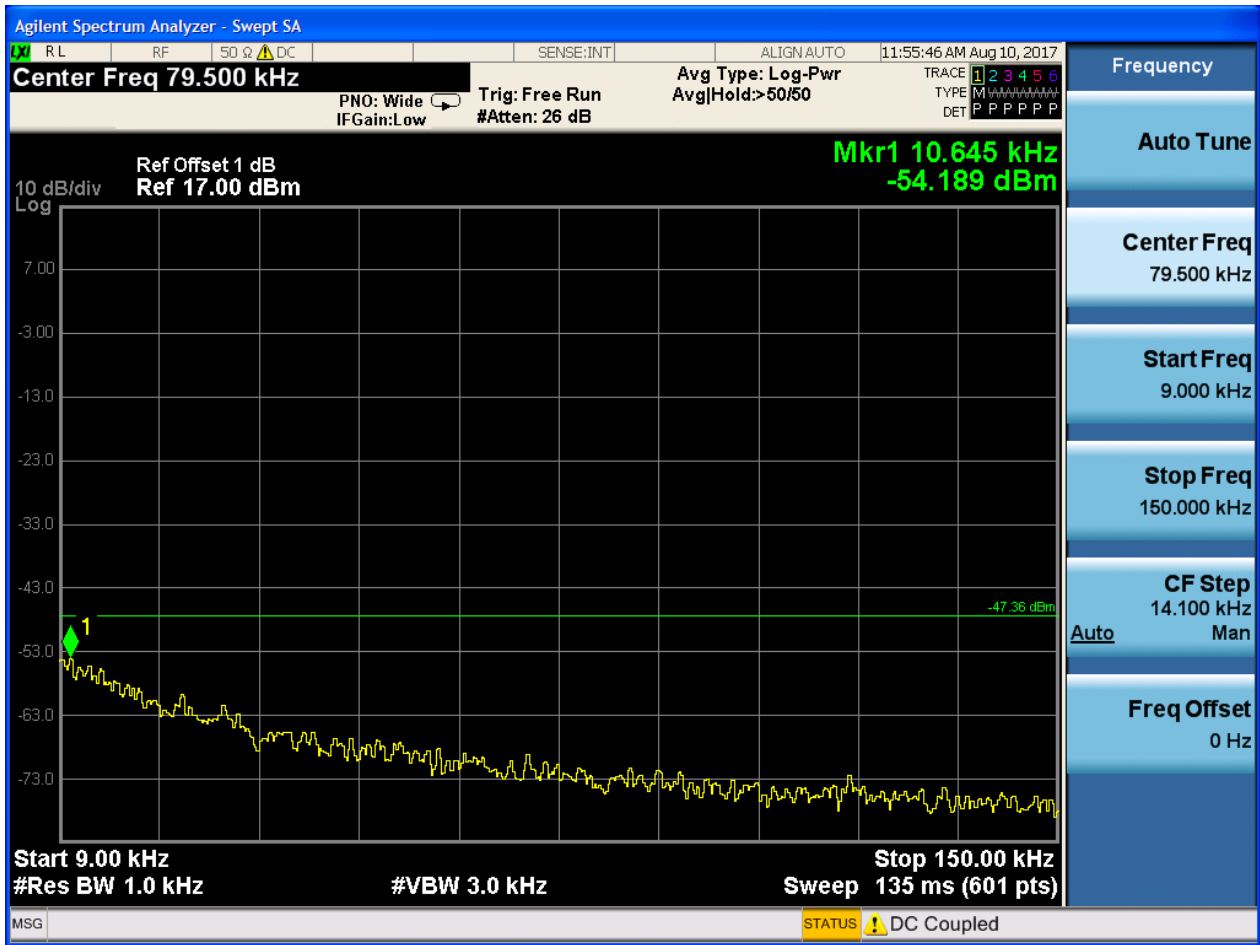
2.20 11N20m_L@Ant 2

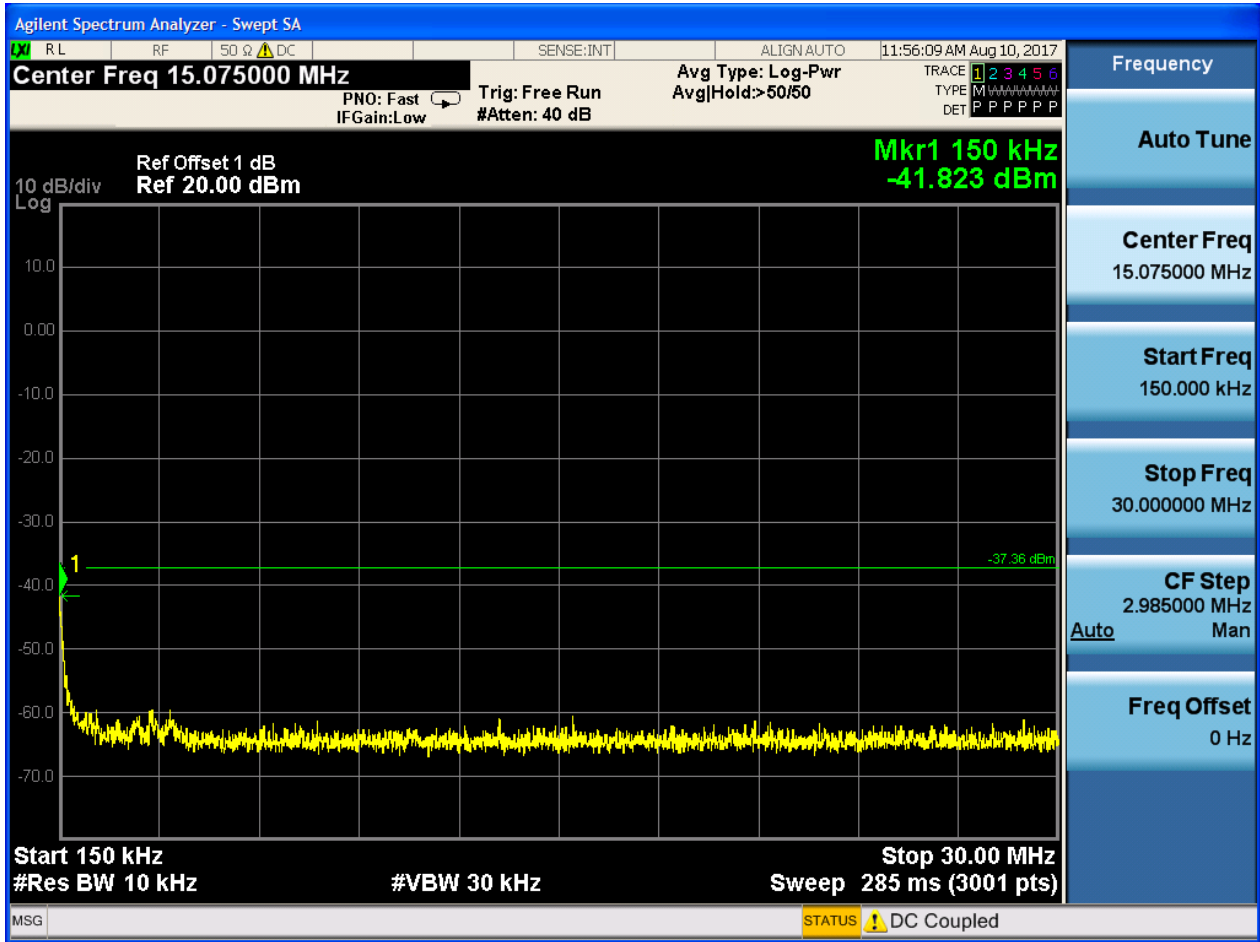
Pref:

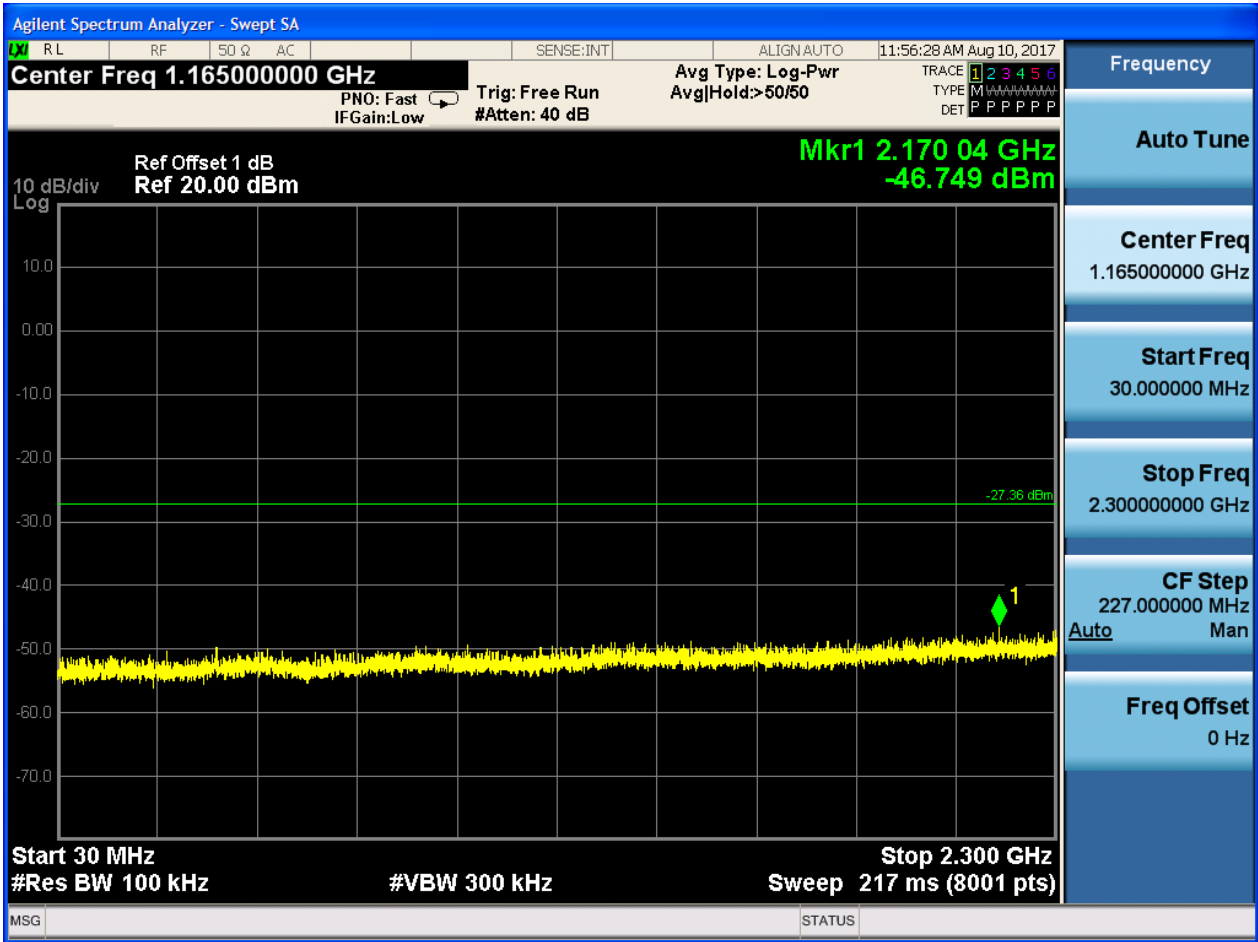


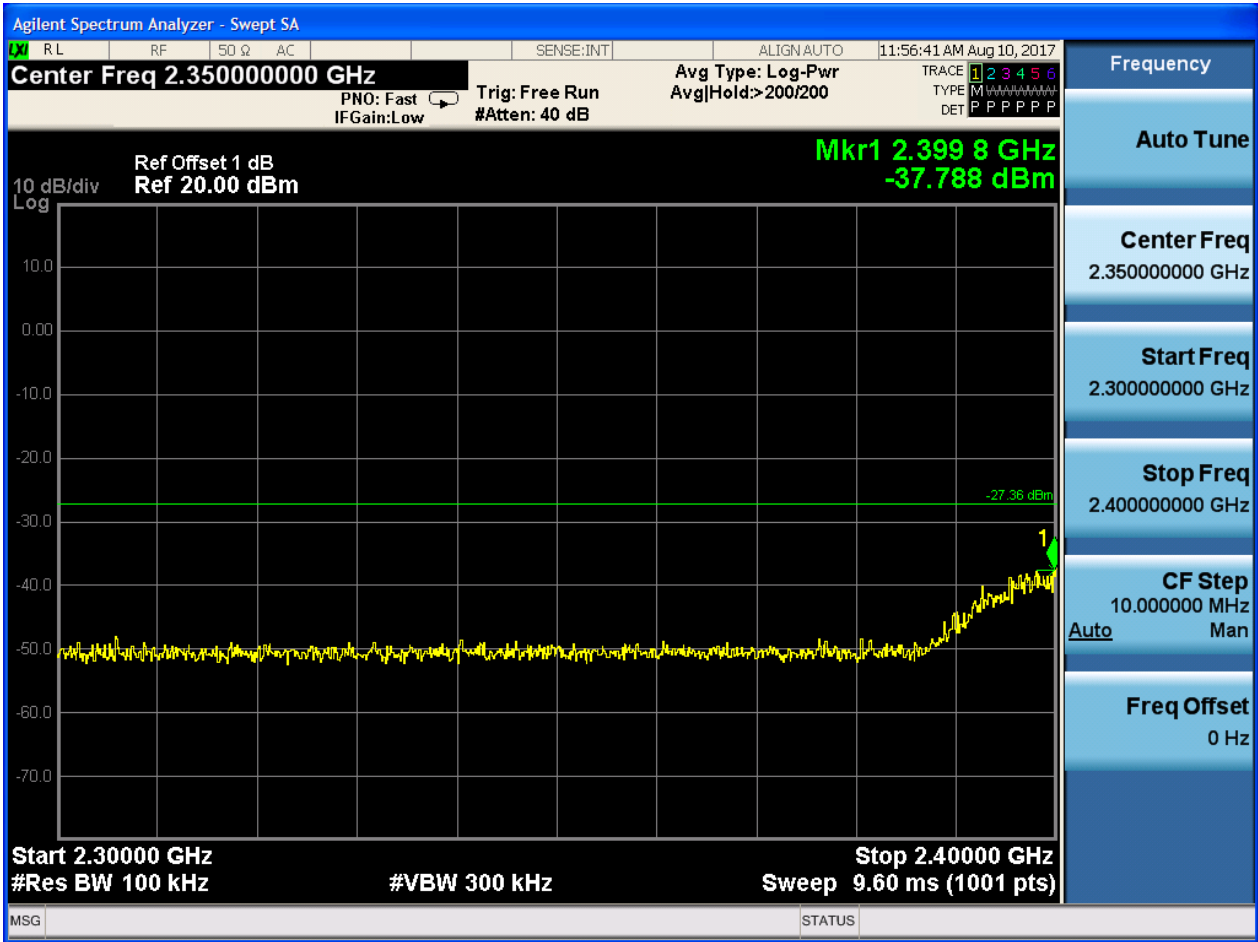


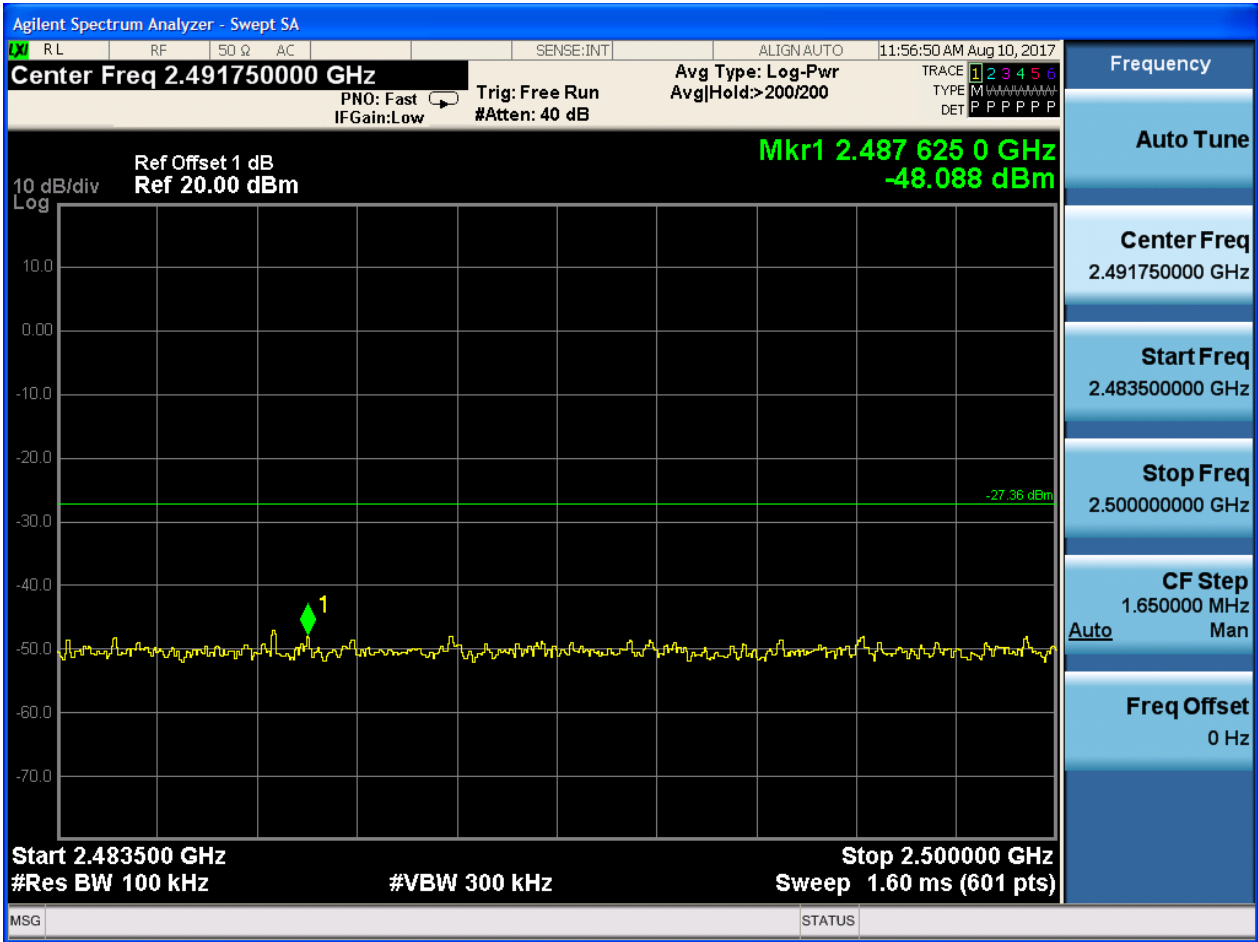
P_{uw}:

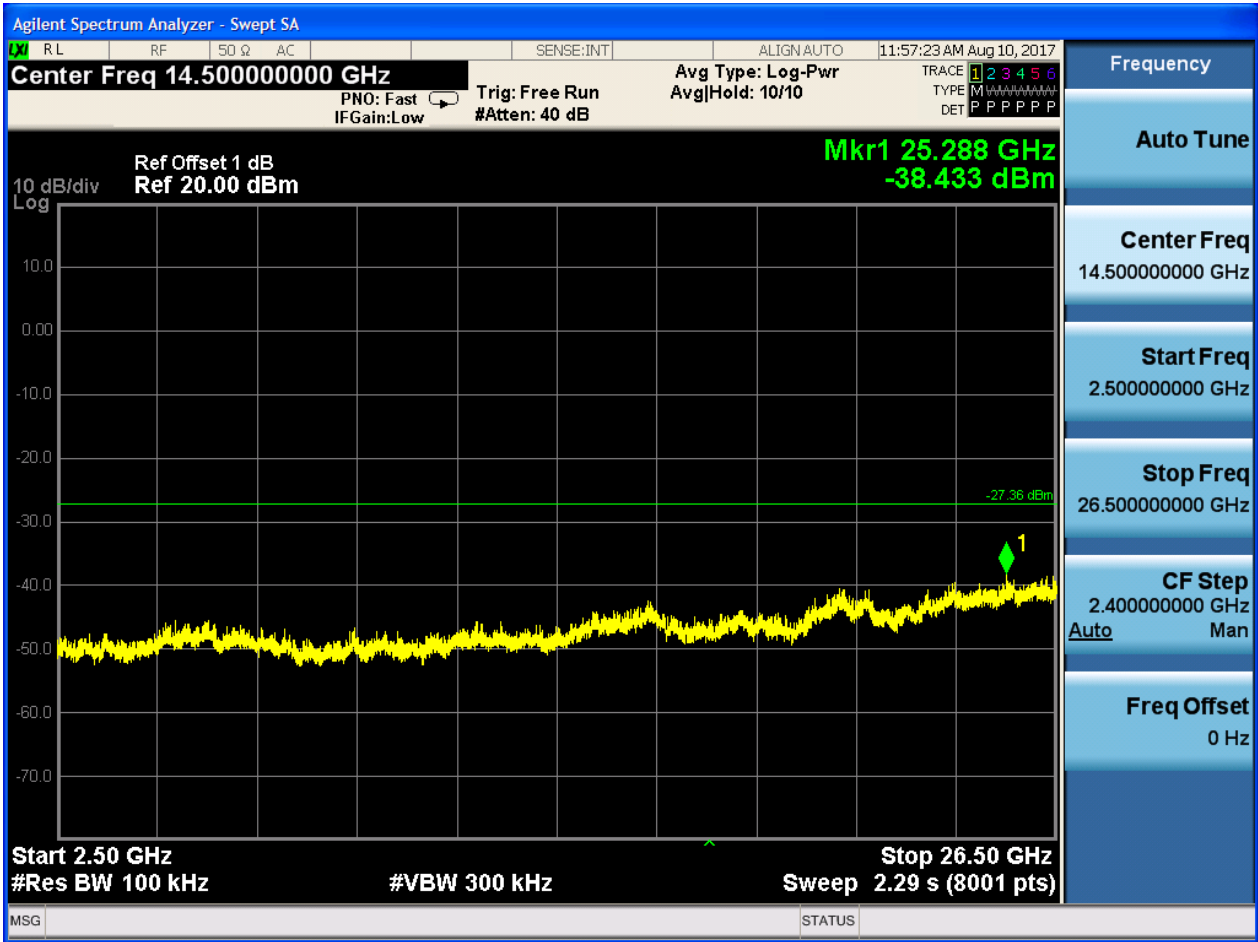








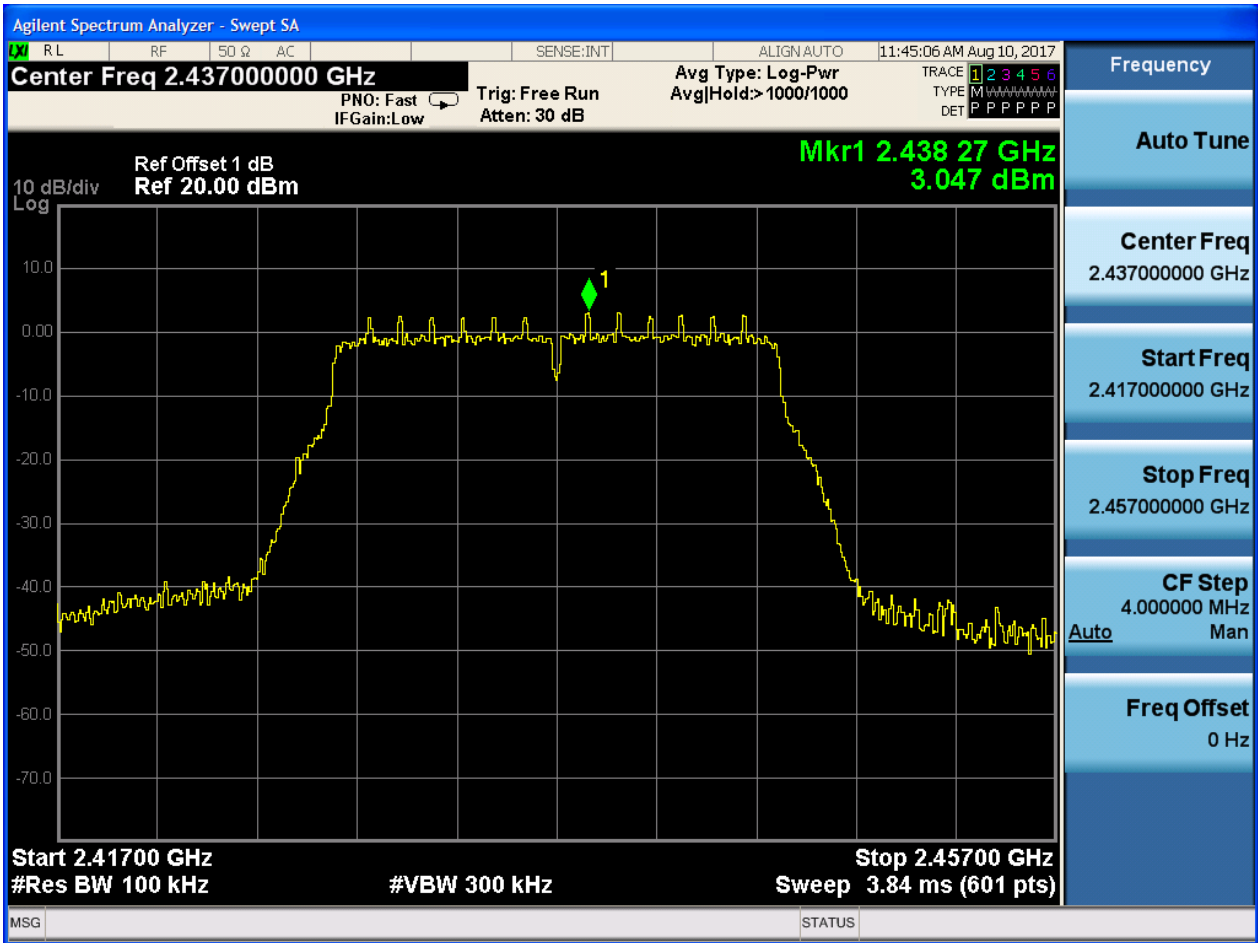






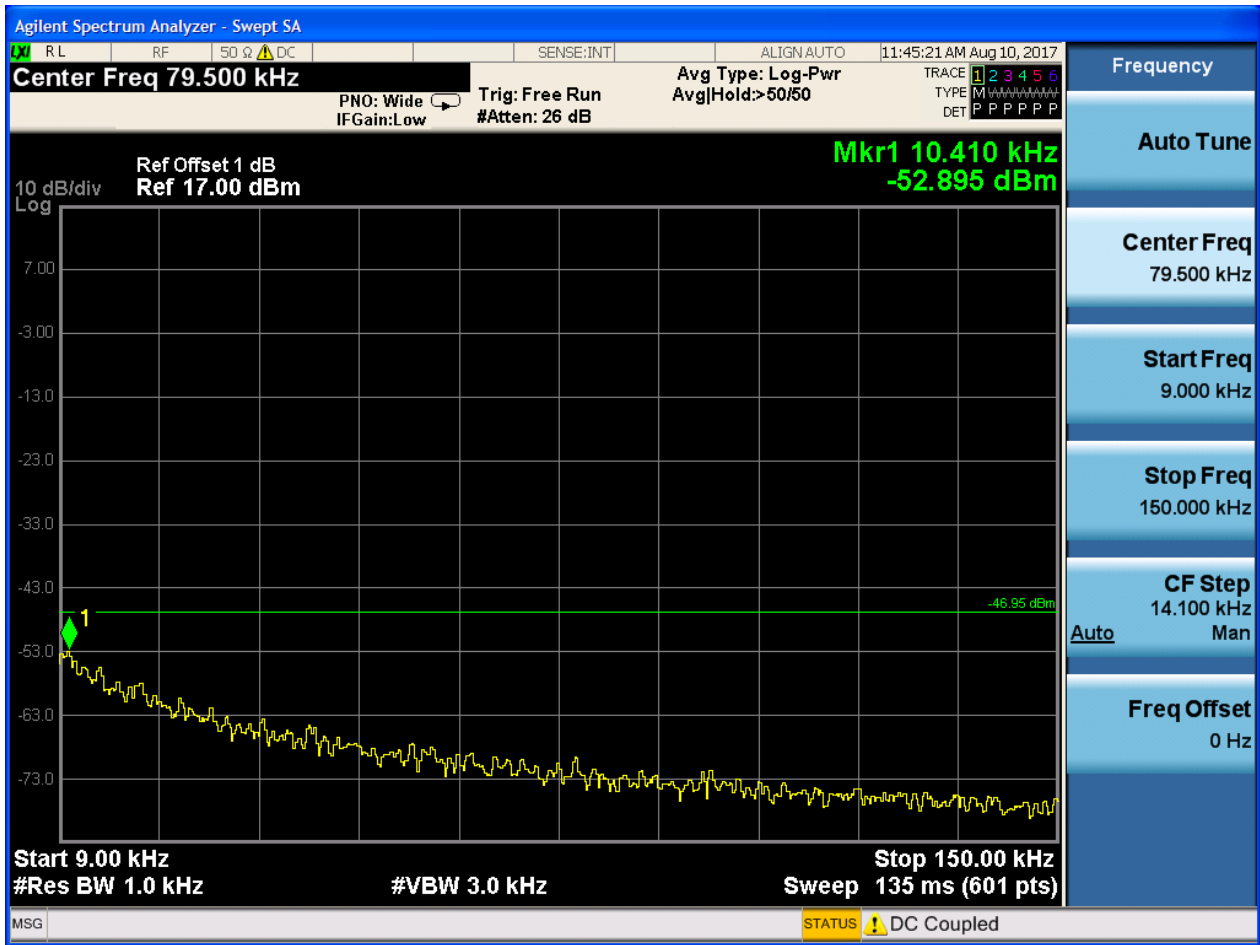
2.21 11N20m_M@Ant 1

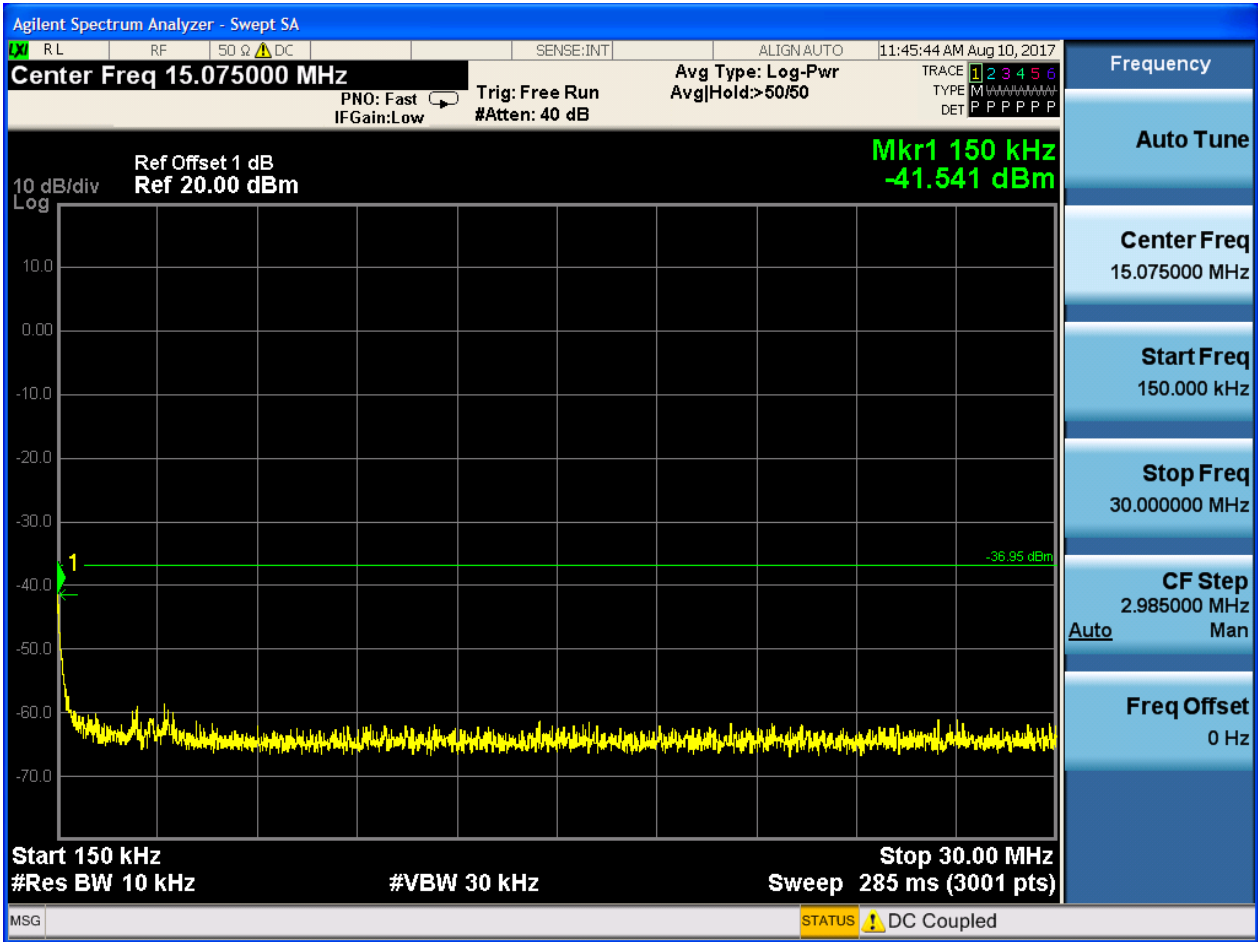
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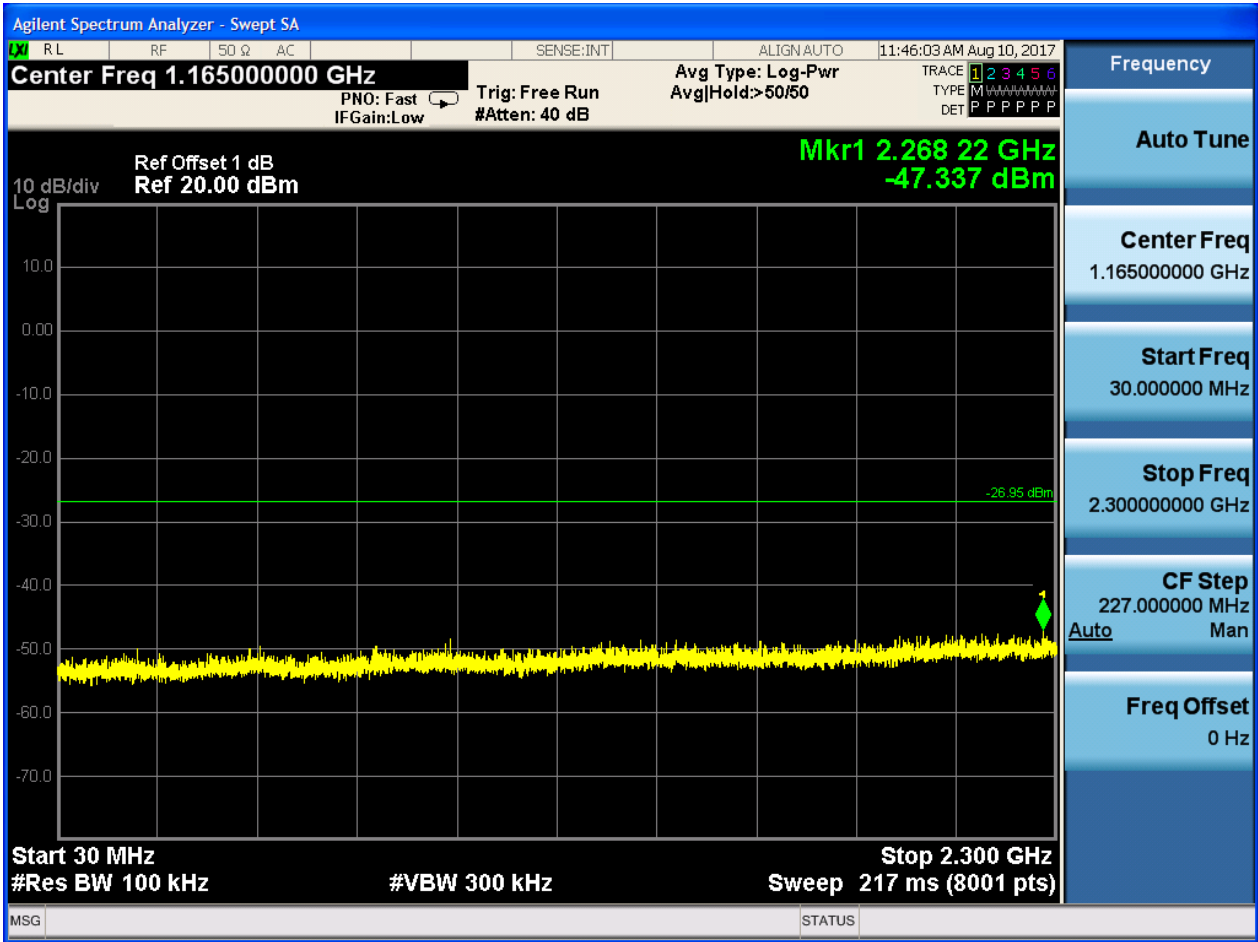


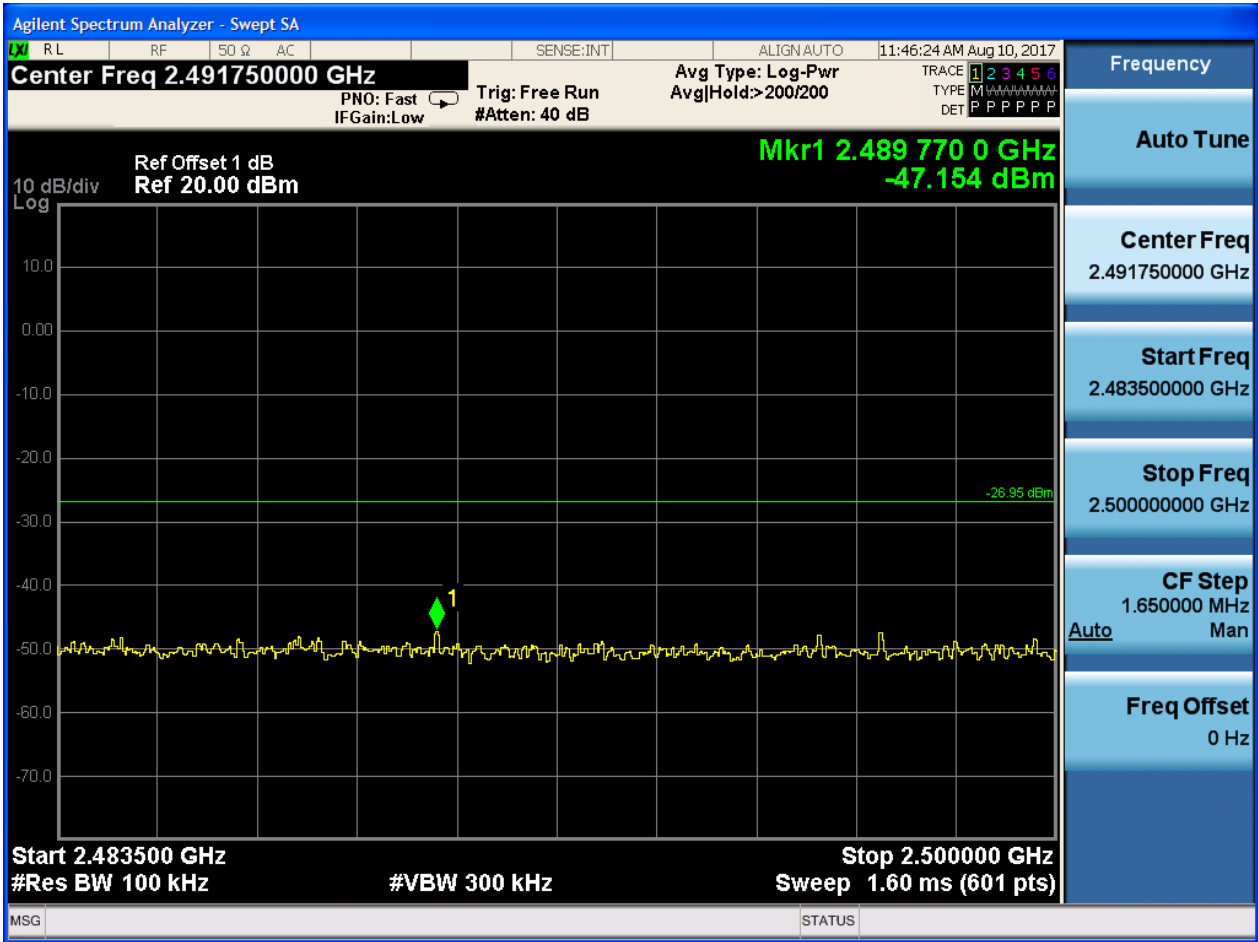


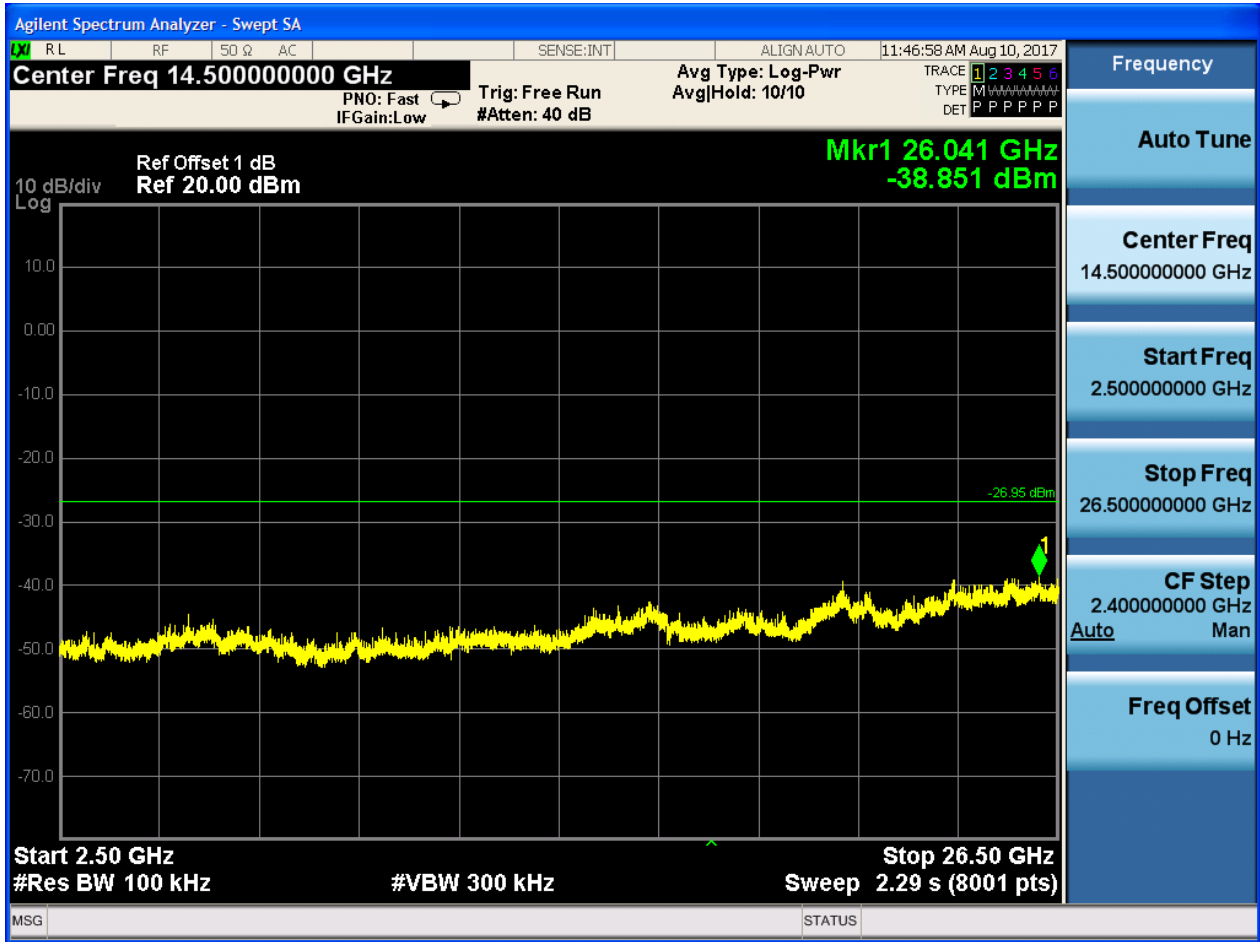
P_{uw}:







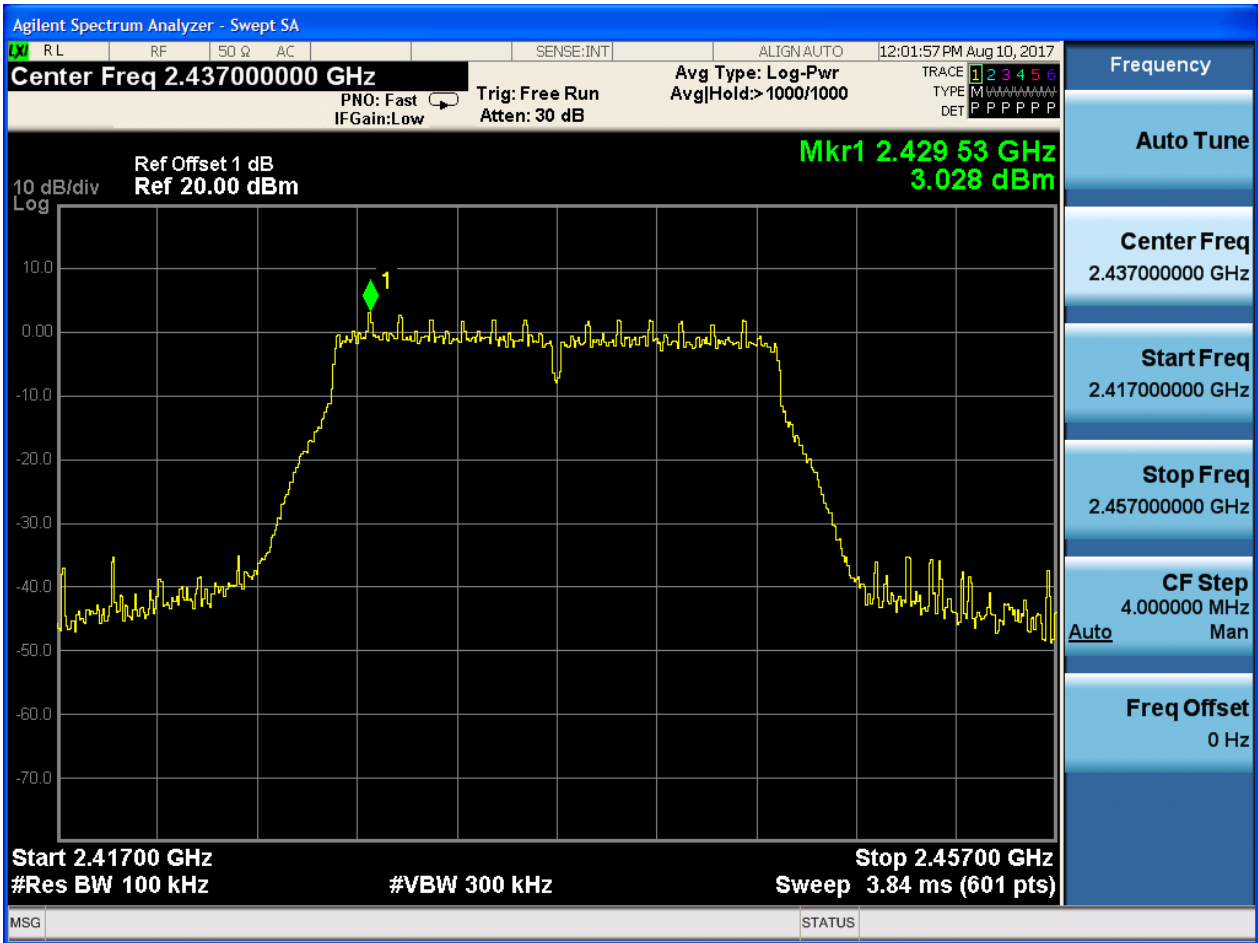






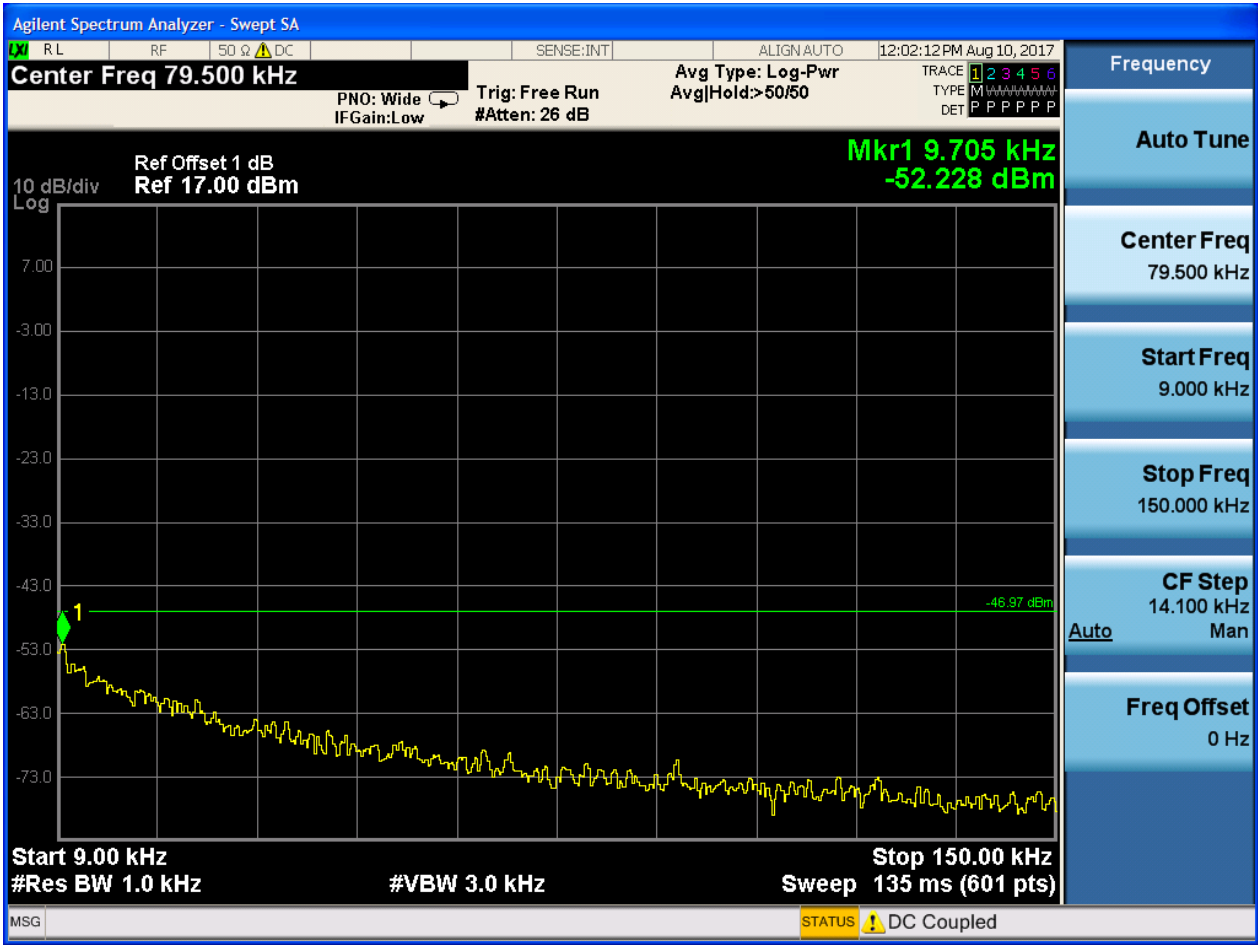
2.22 11N20m_M@Ant 2

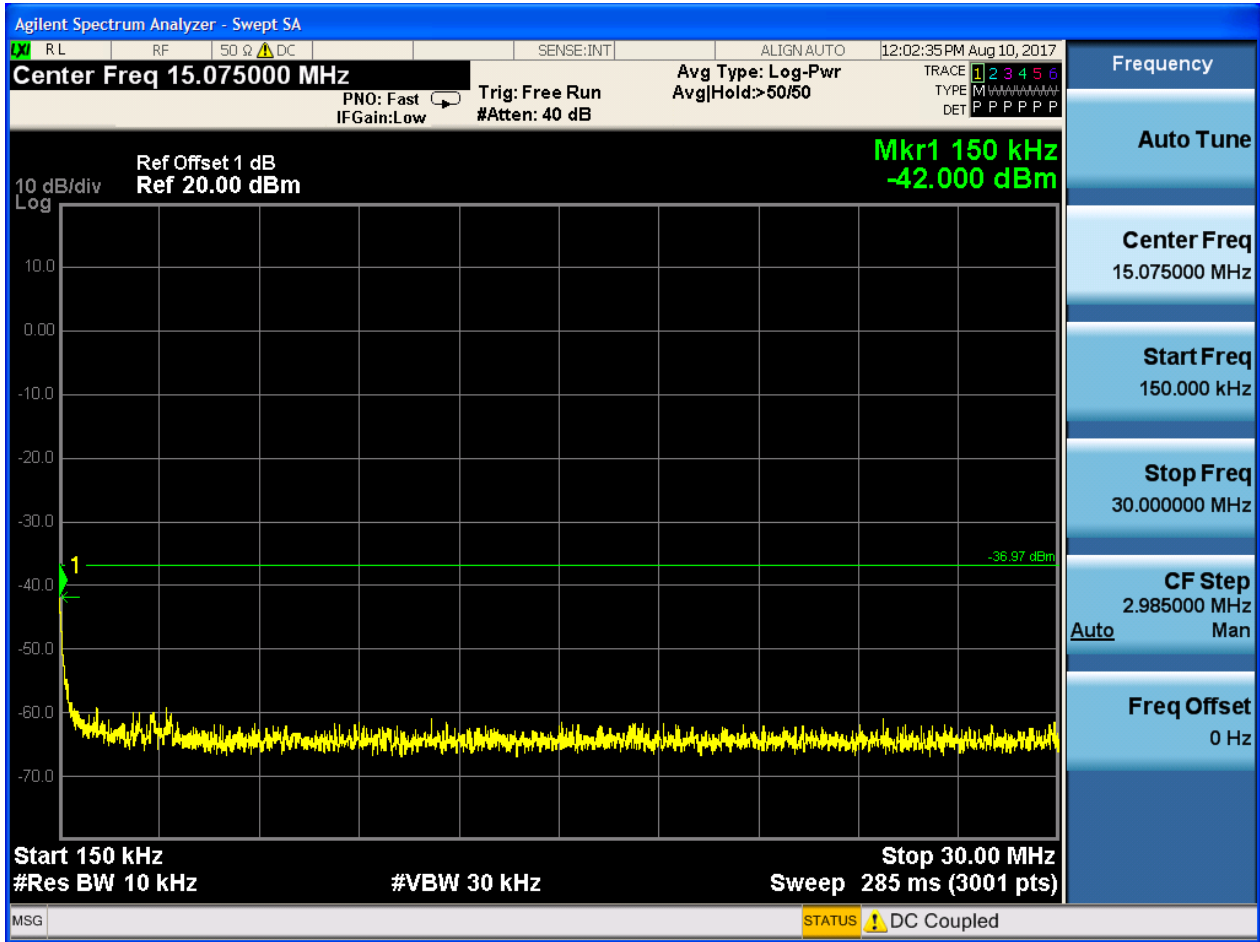
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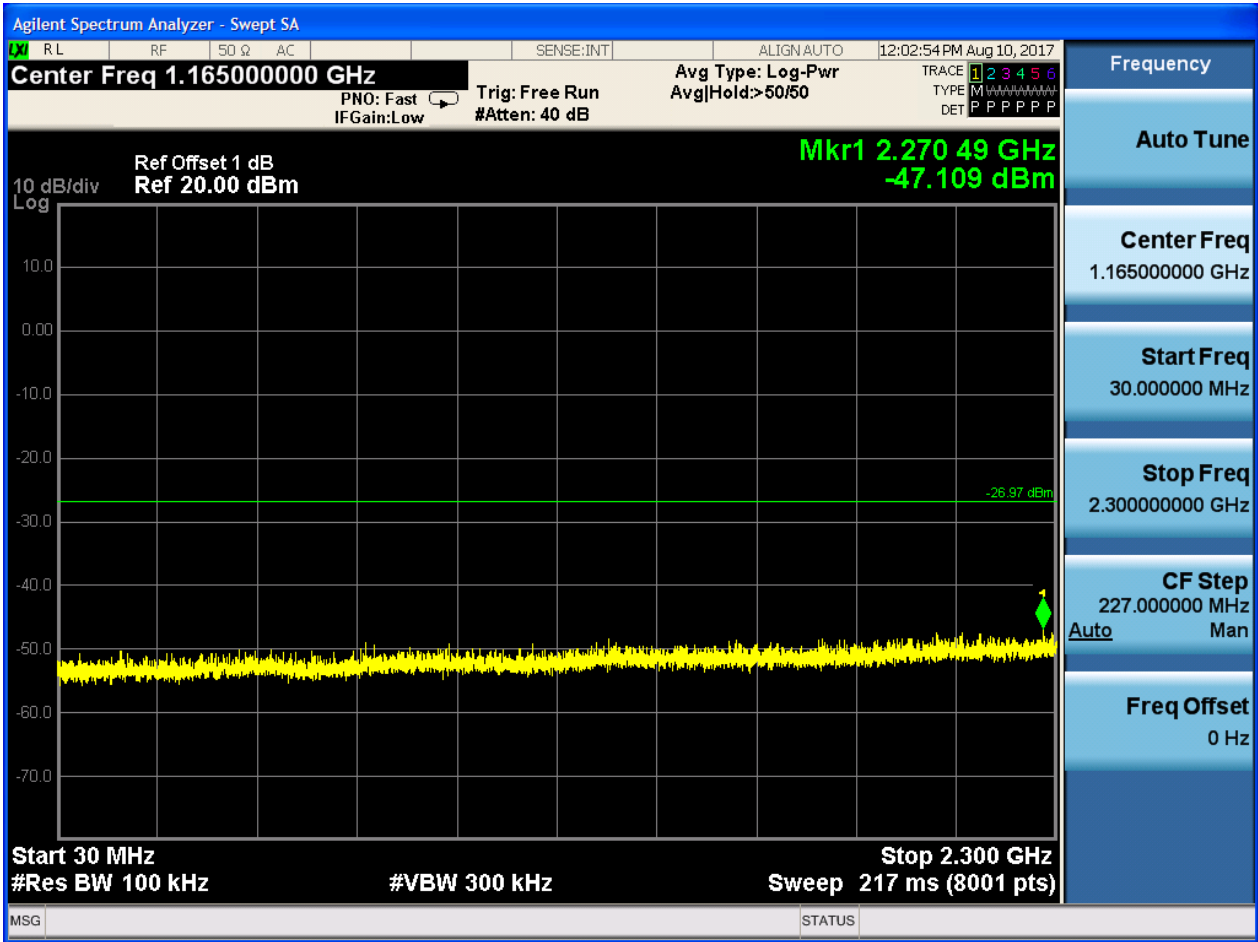


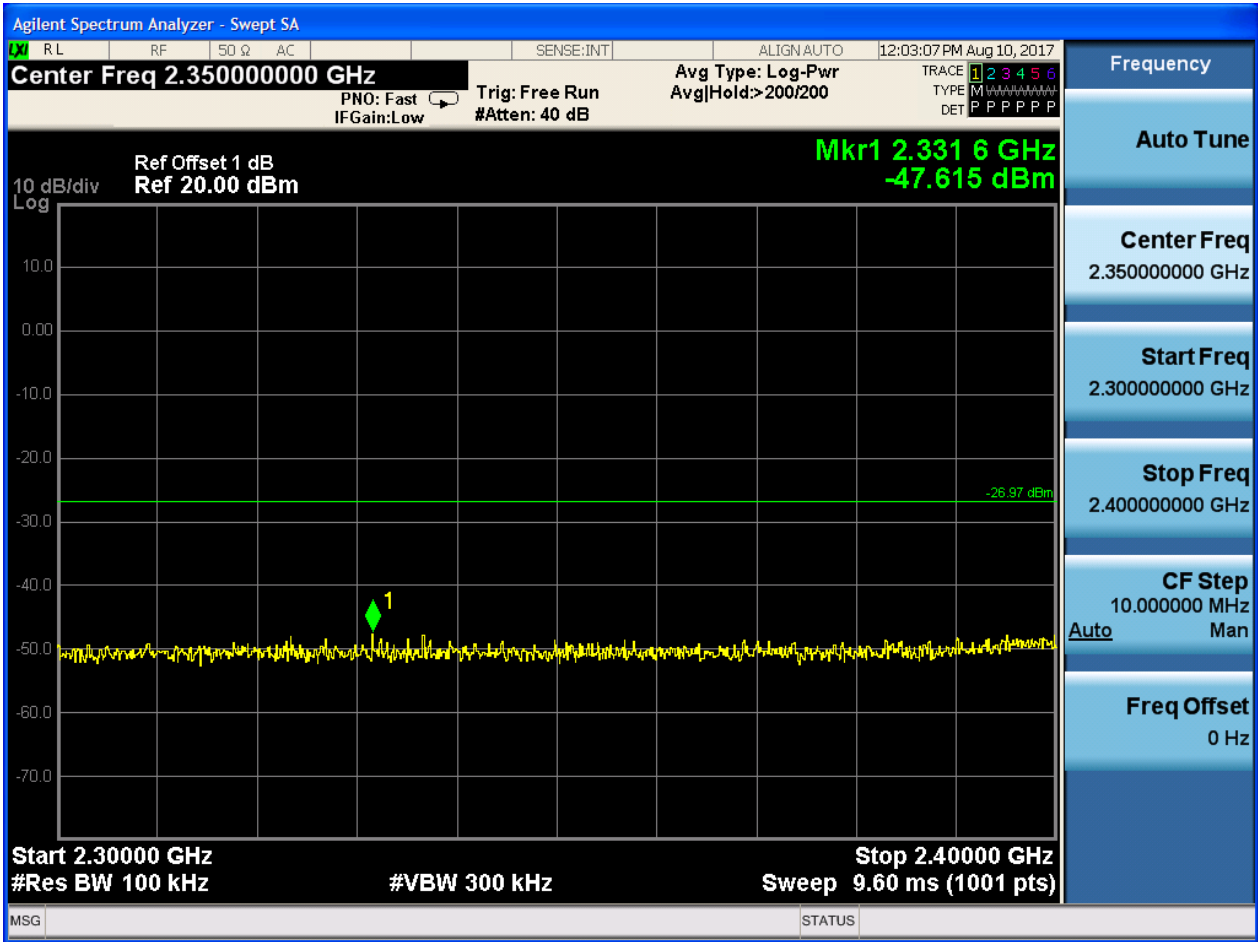


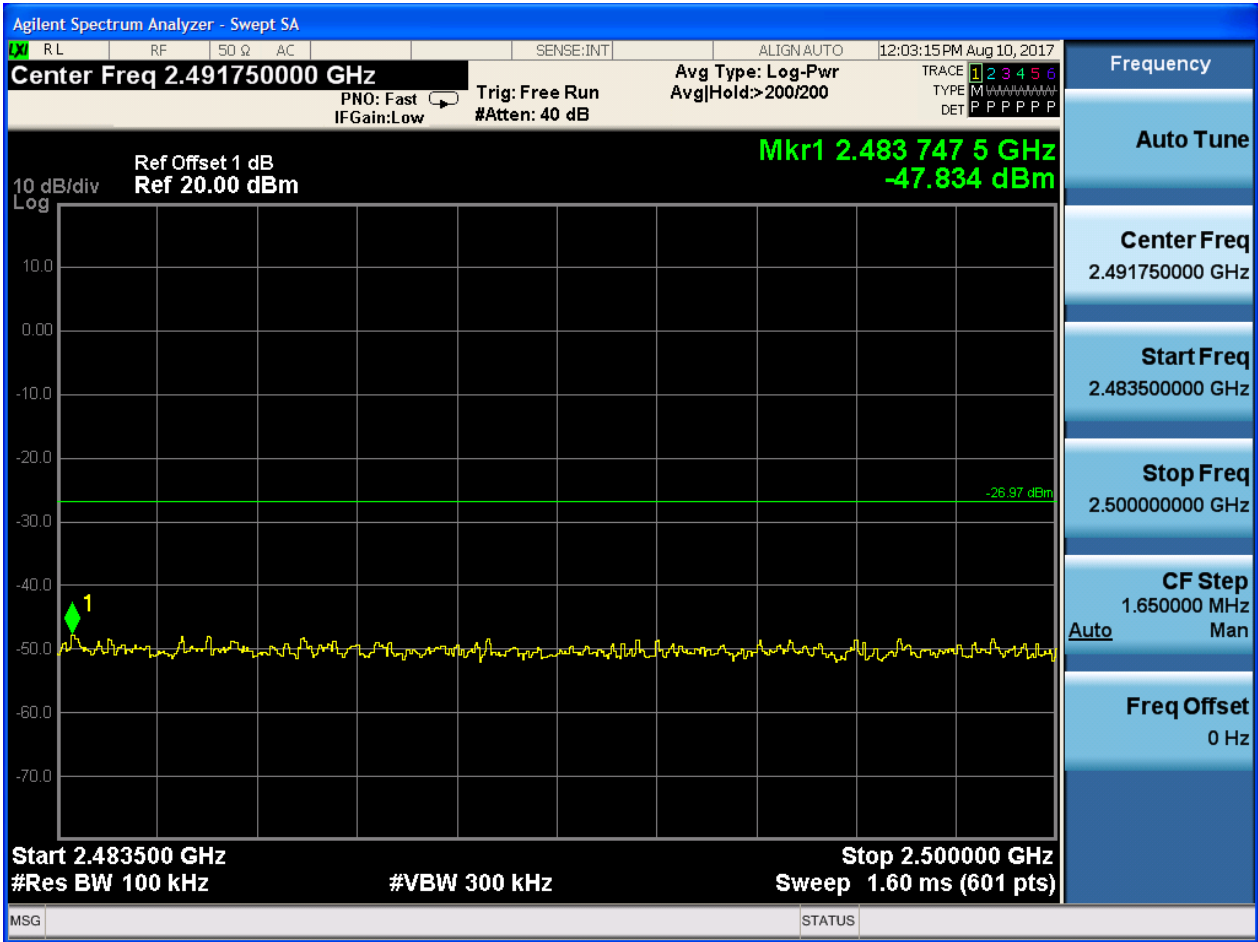
Puw:

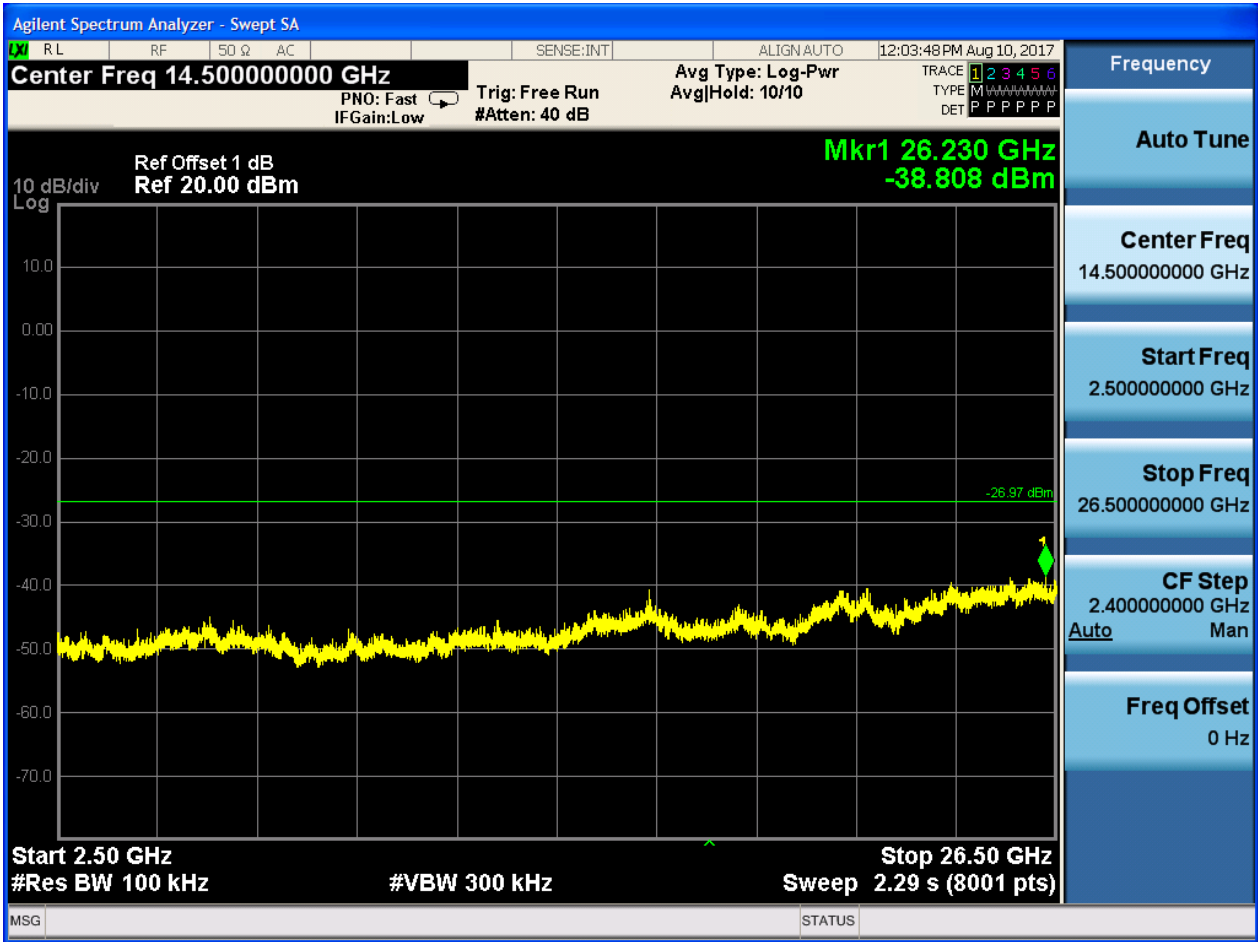








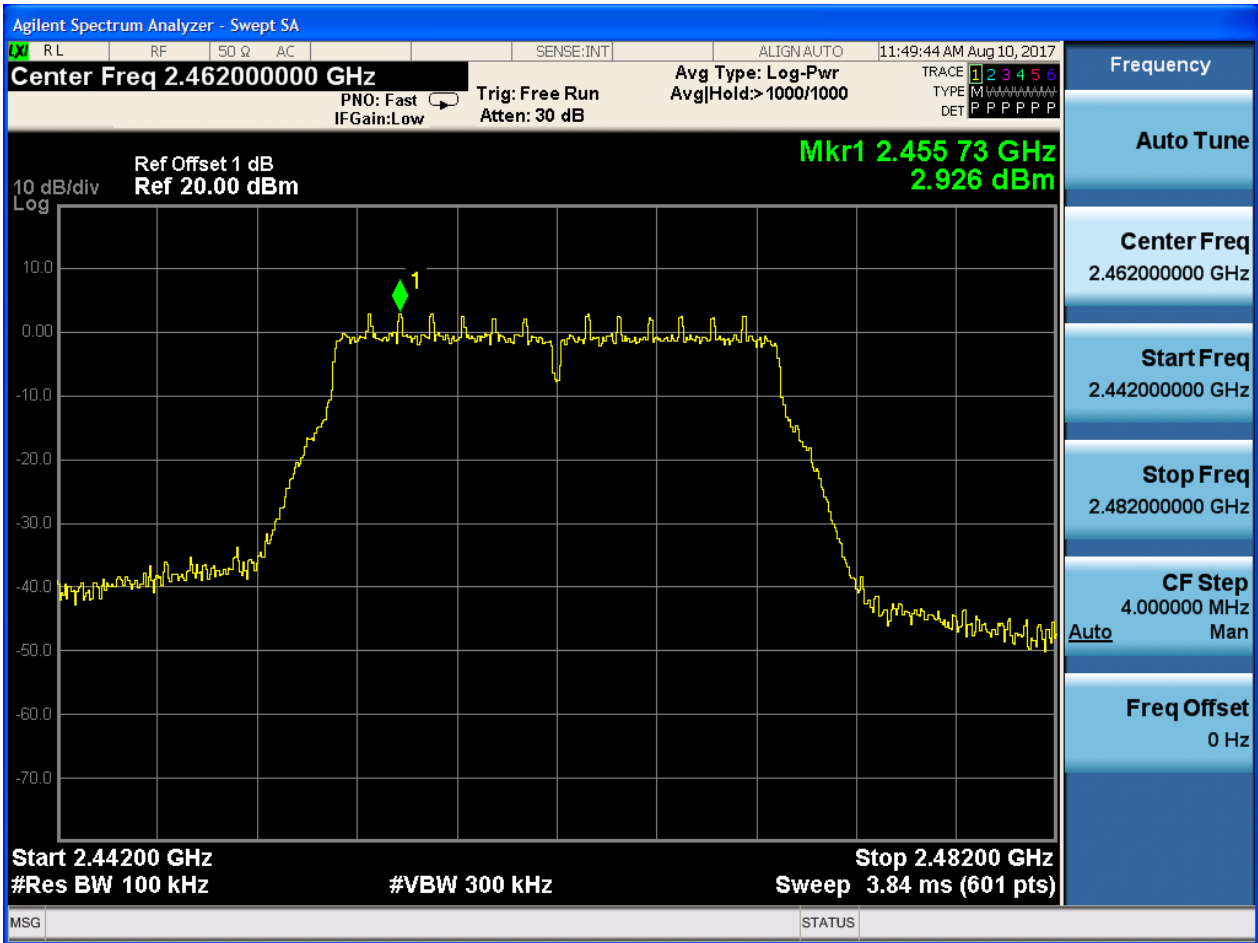






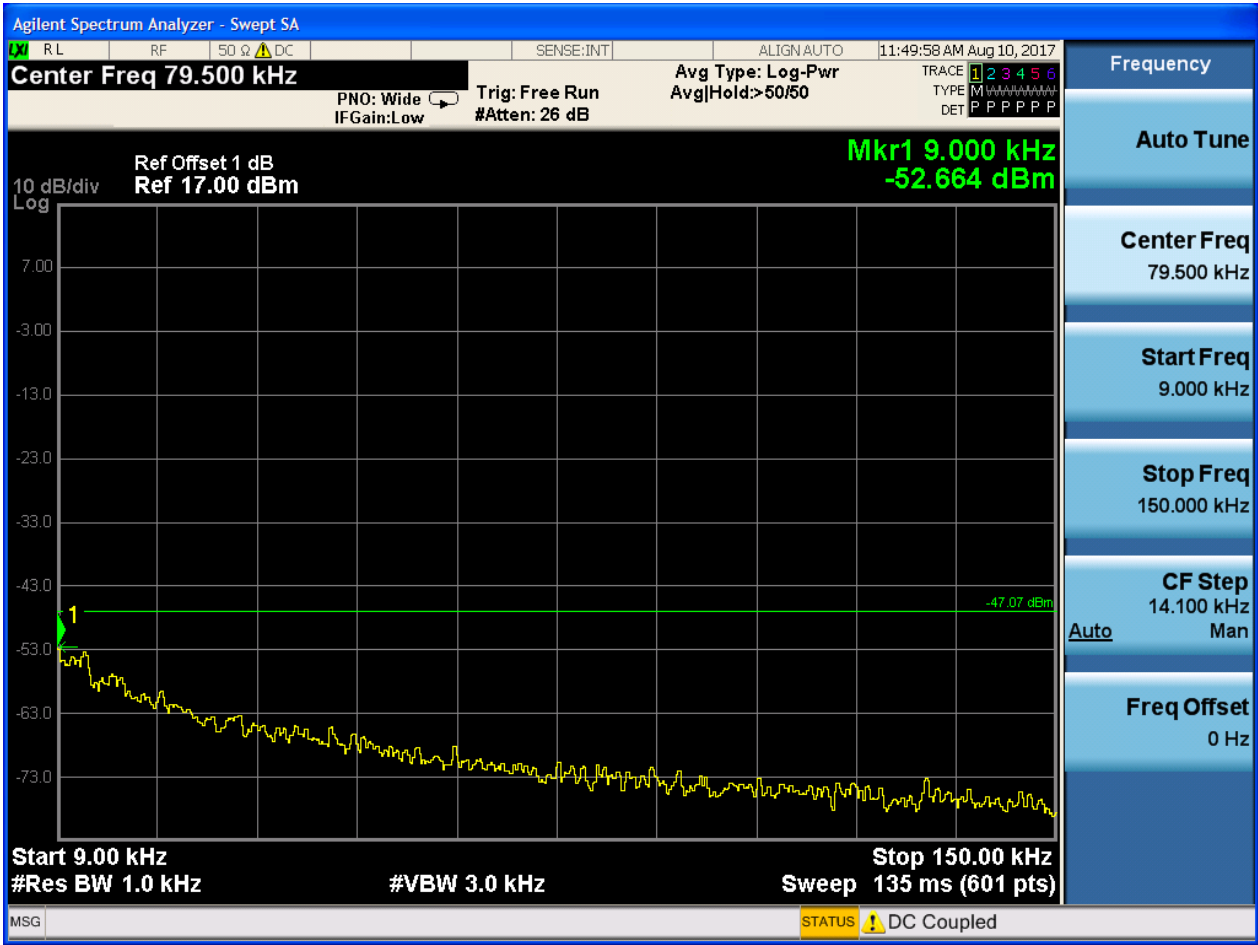
2.23 11N20m_H@Ant 1

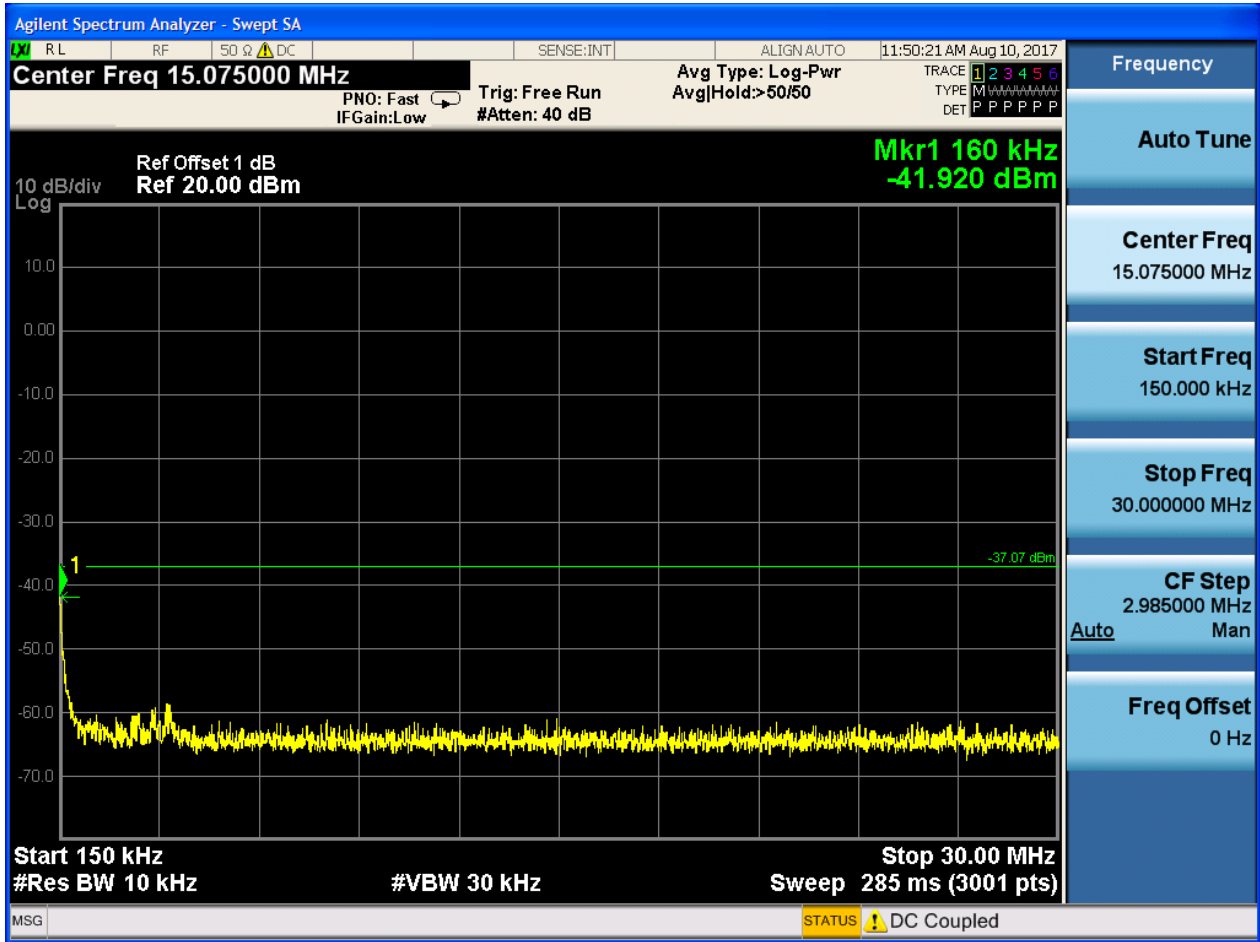
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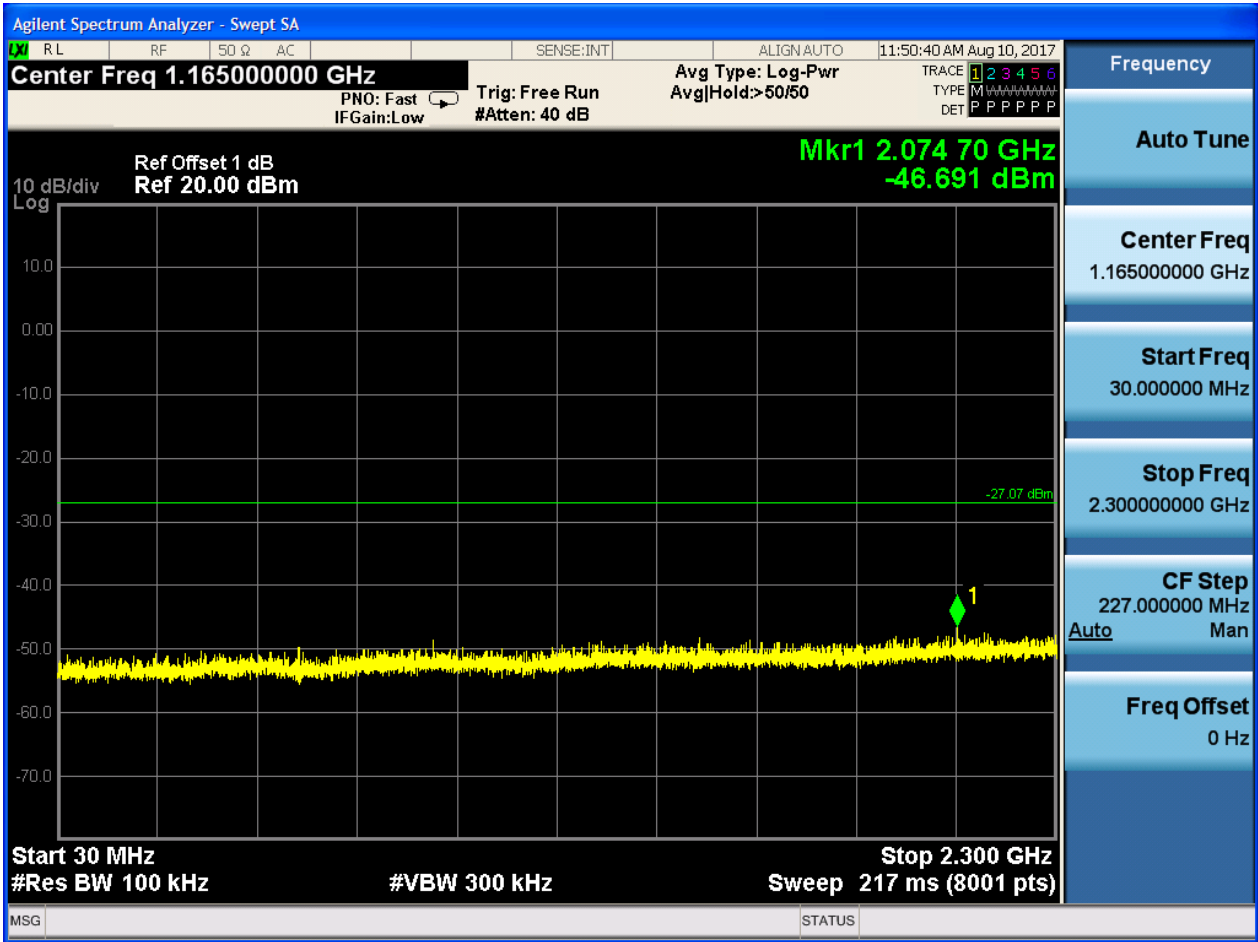


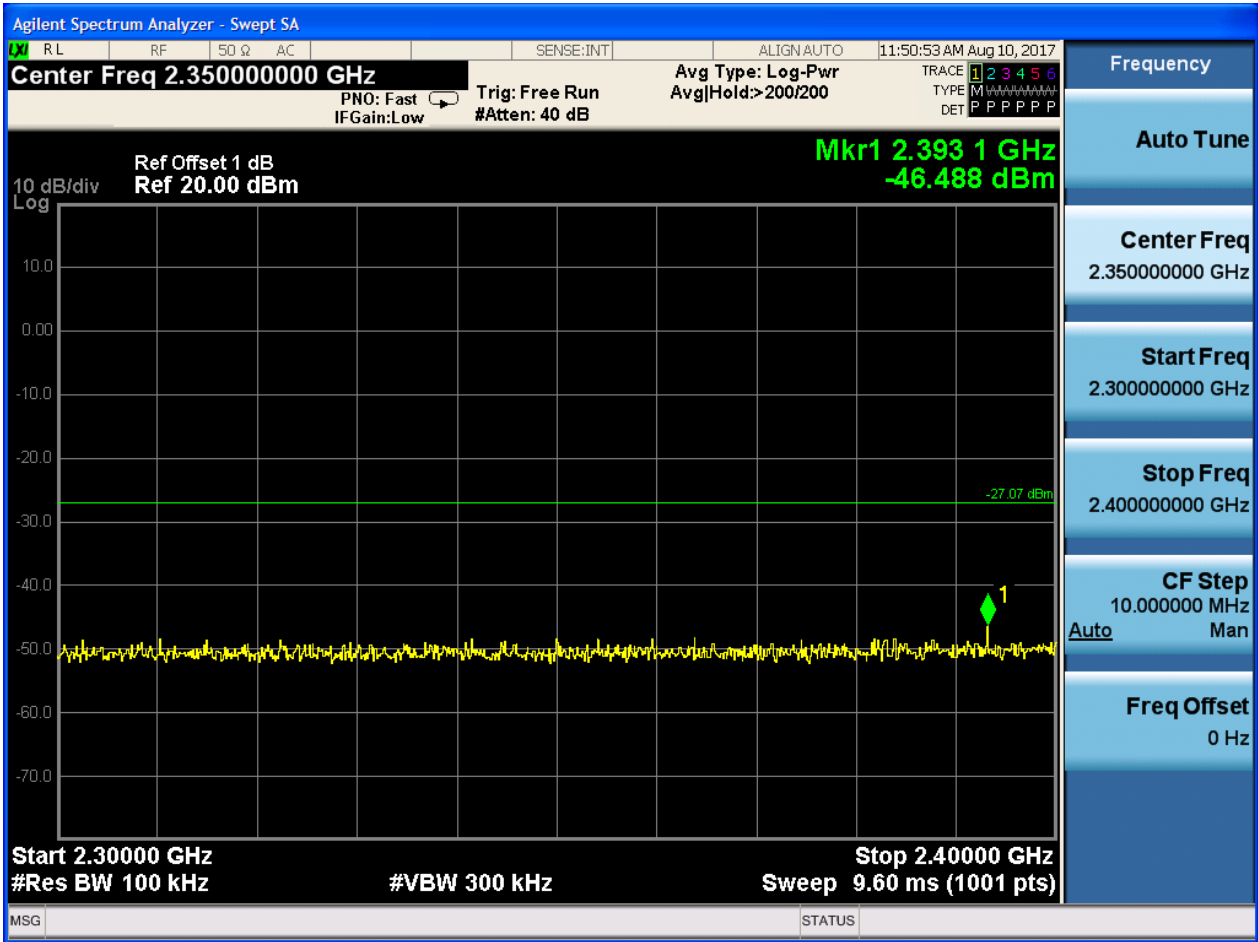


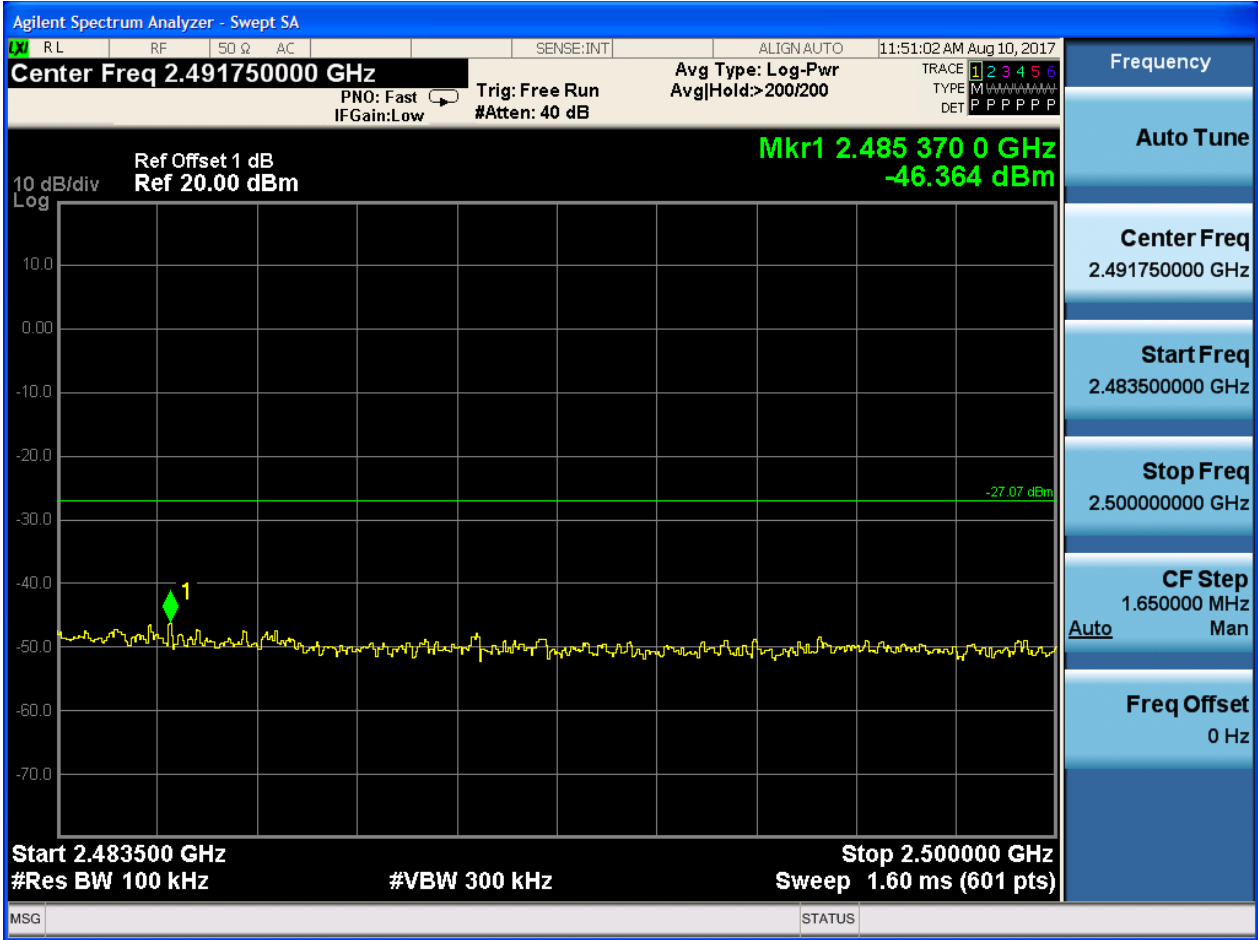
P_{uw}:









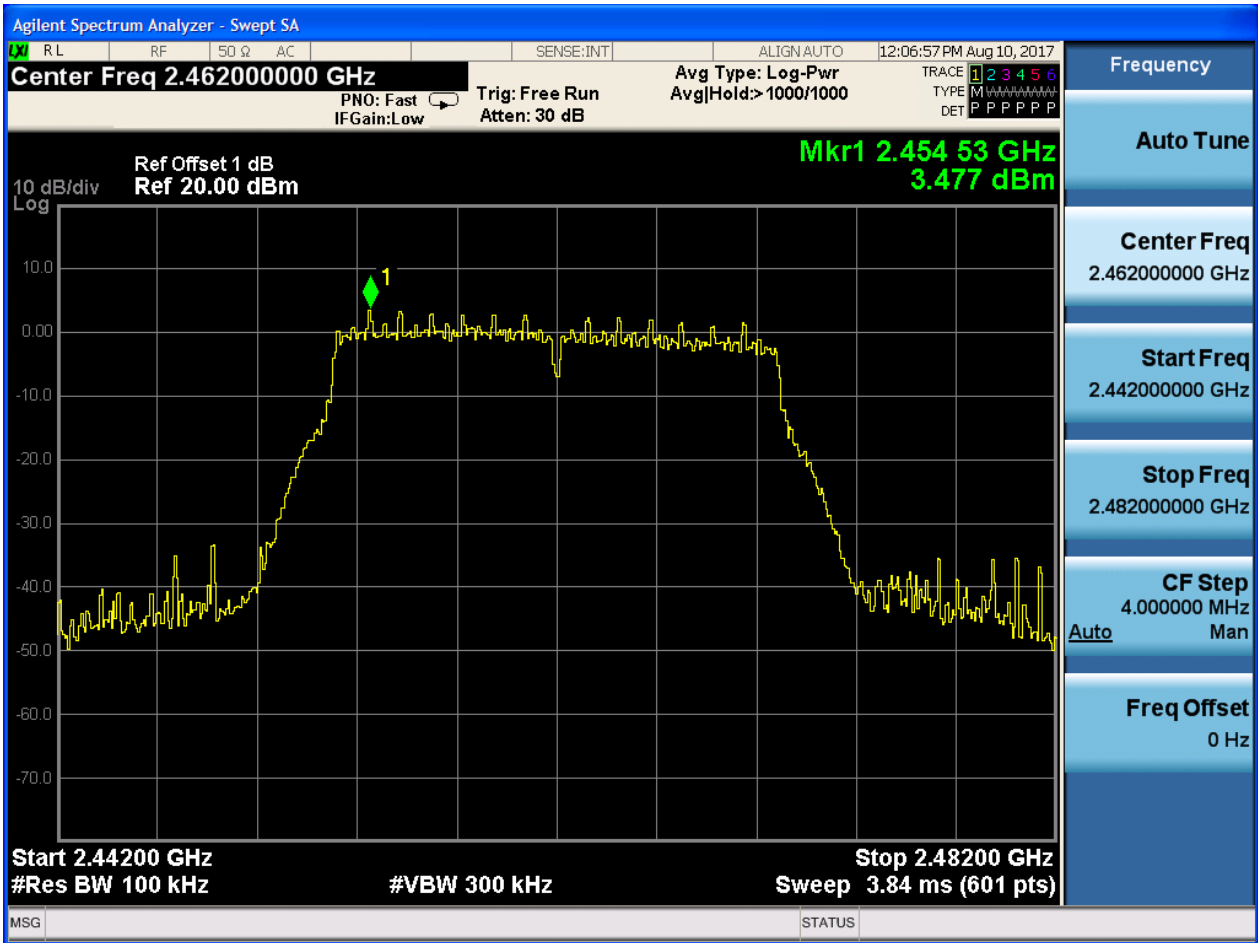






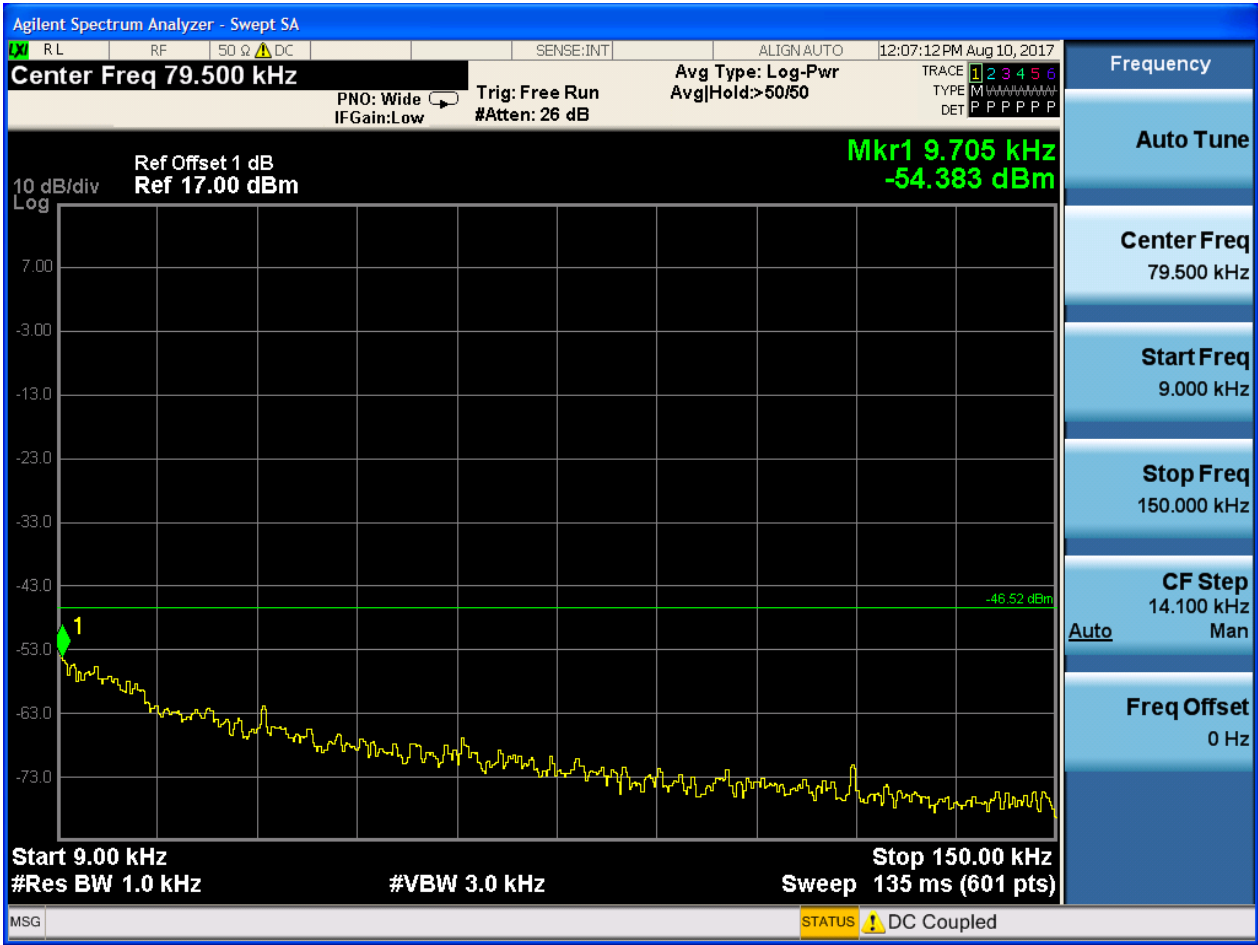
2.24 11N20m_H@Ant 2

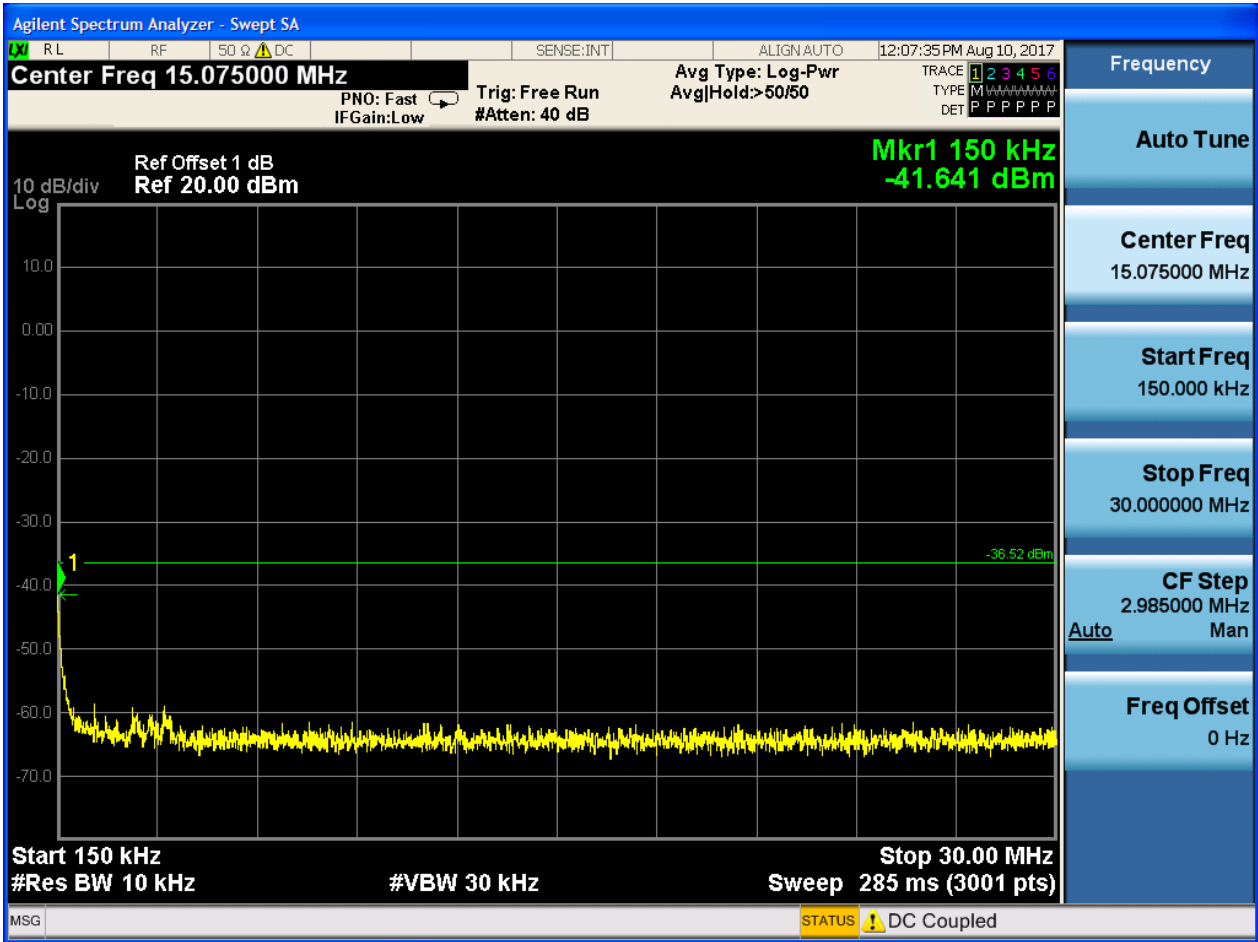
Pref:

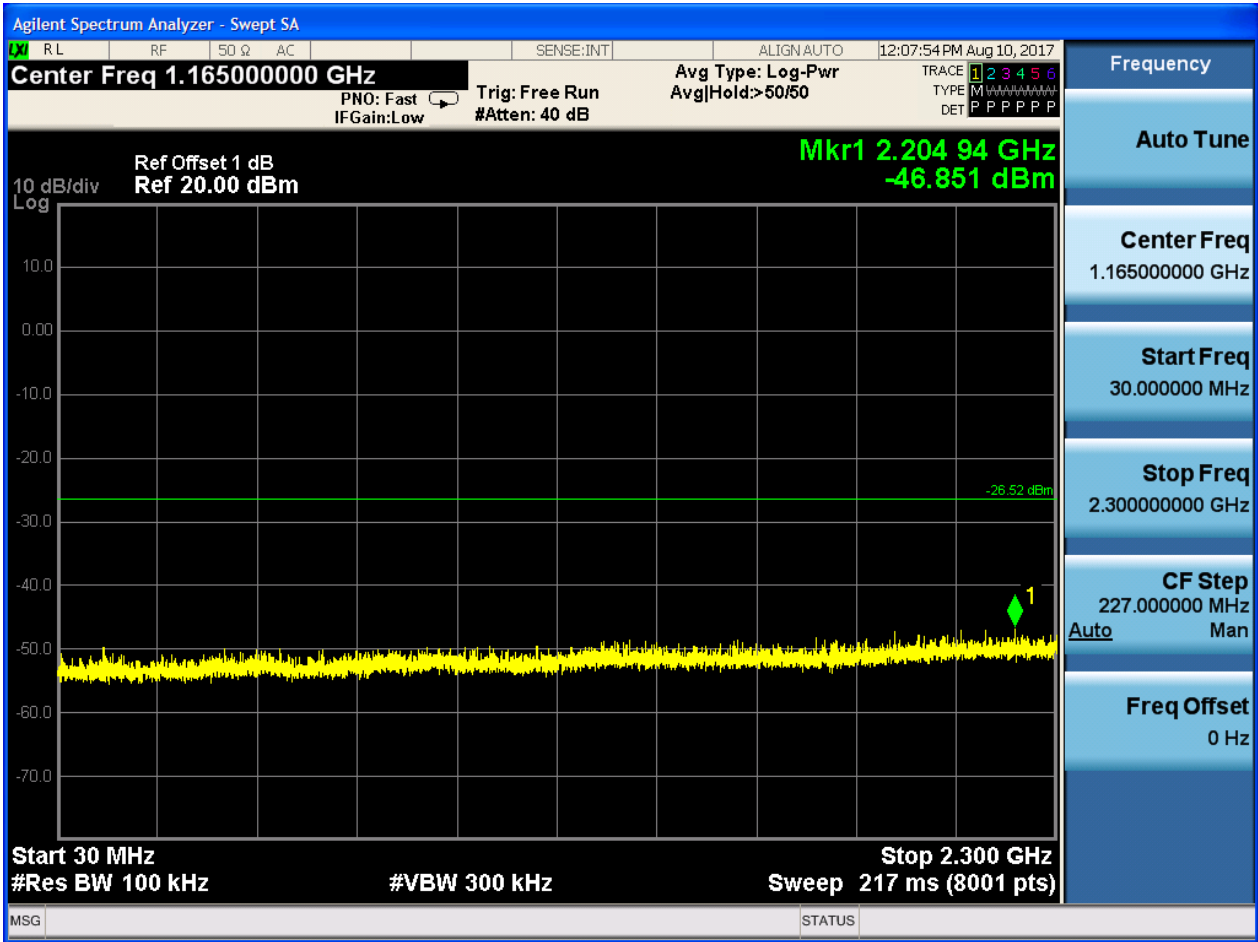


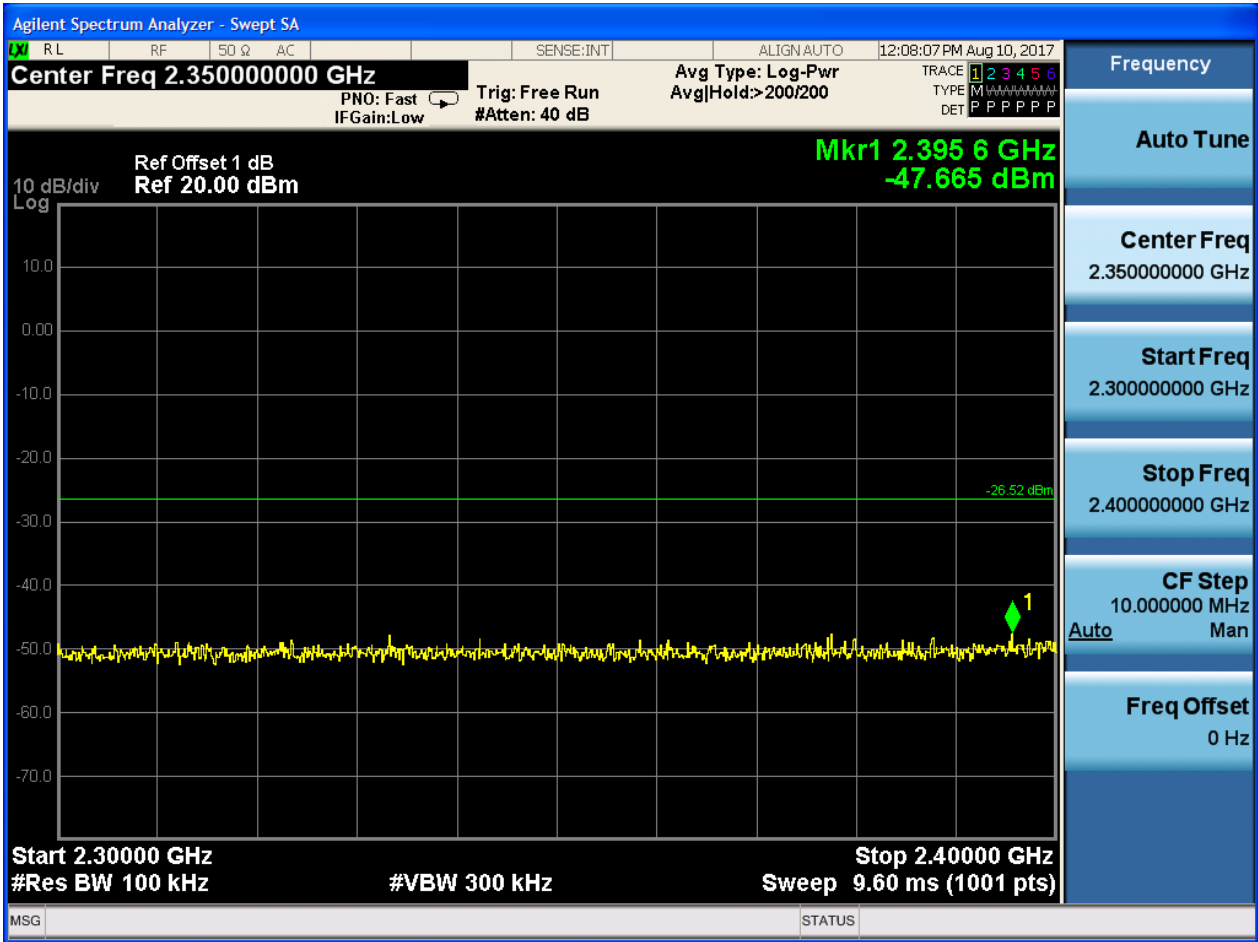


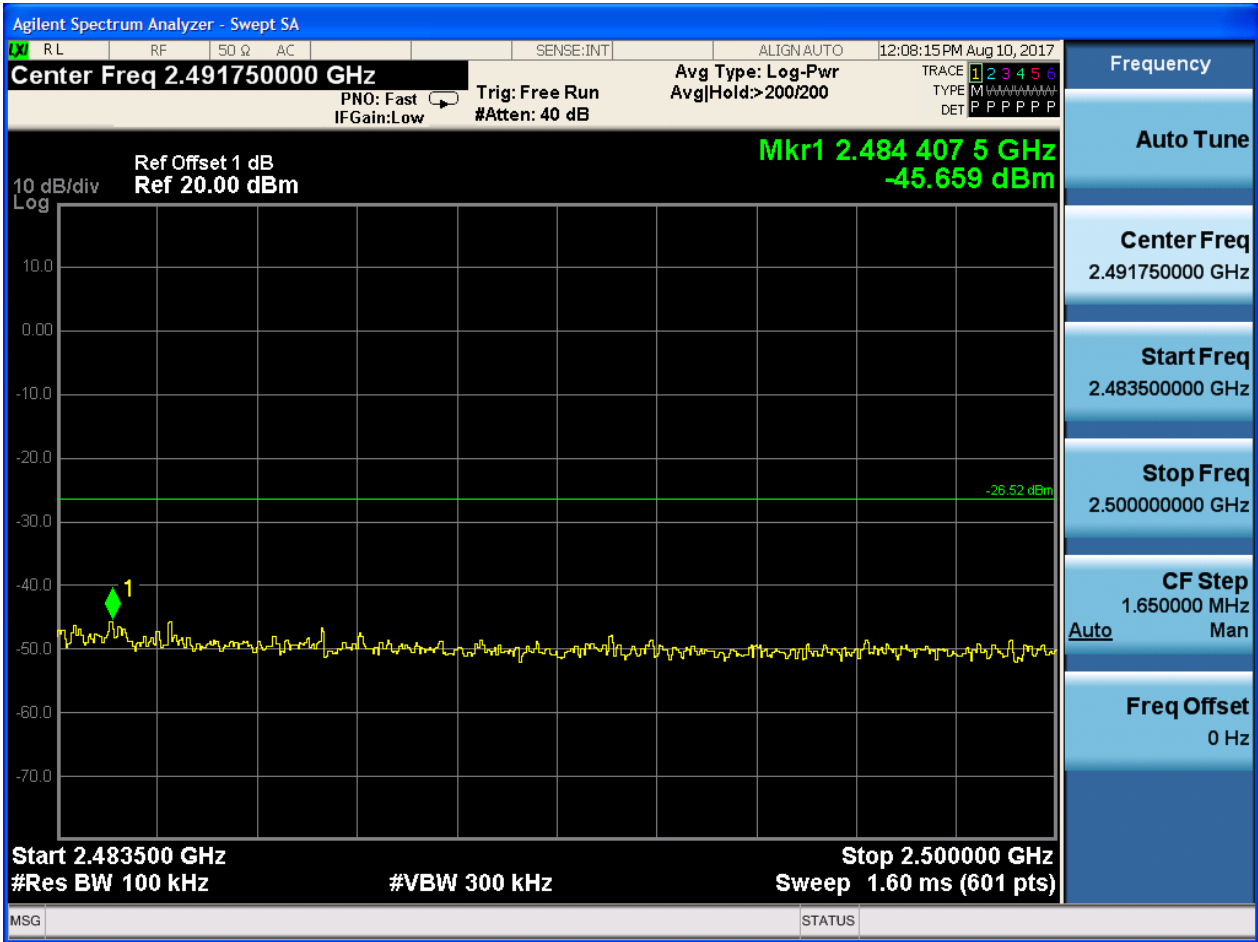
Puw:

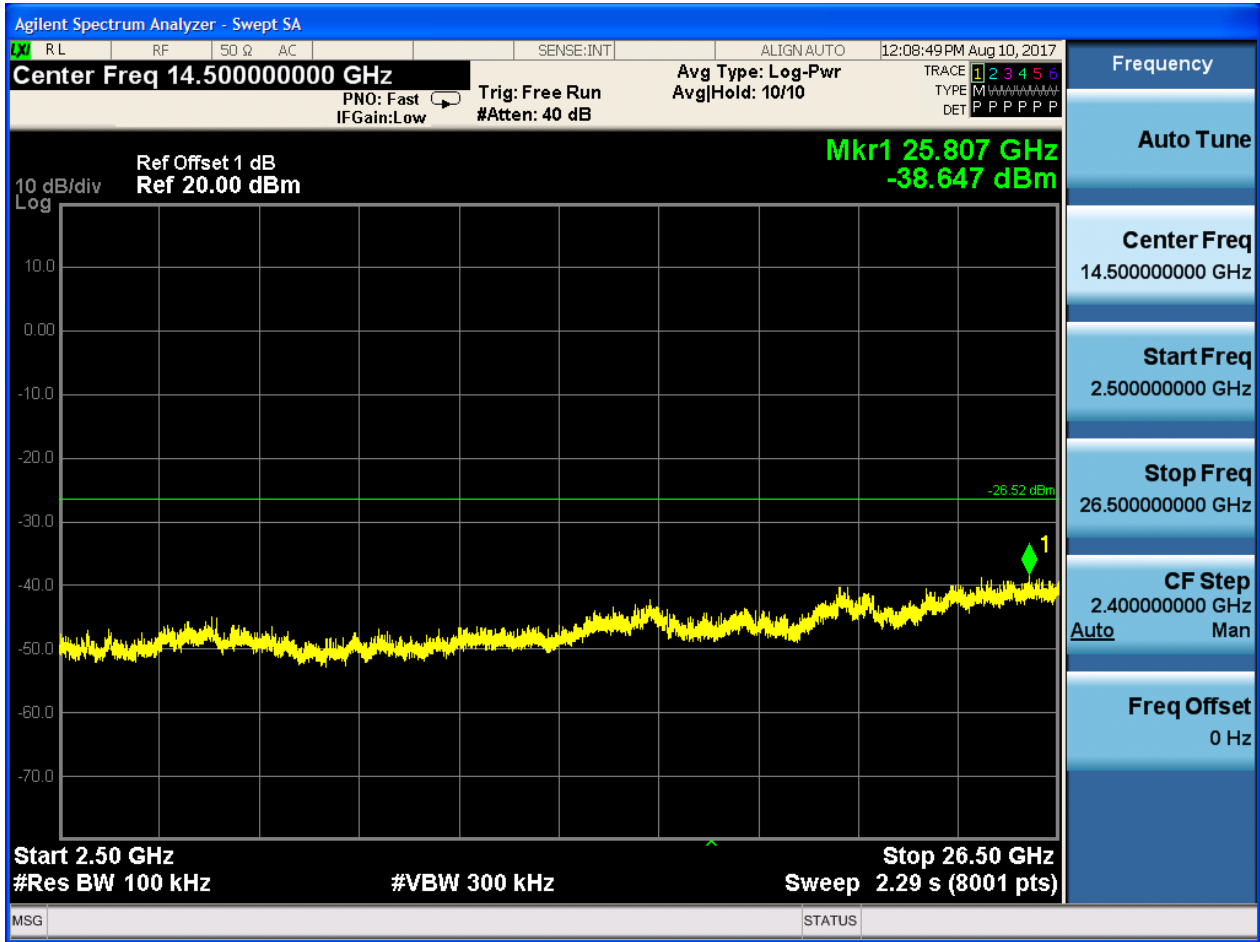






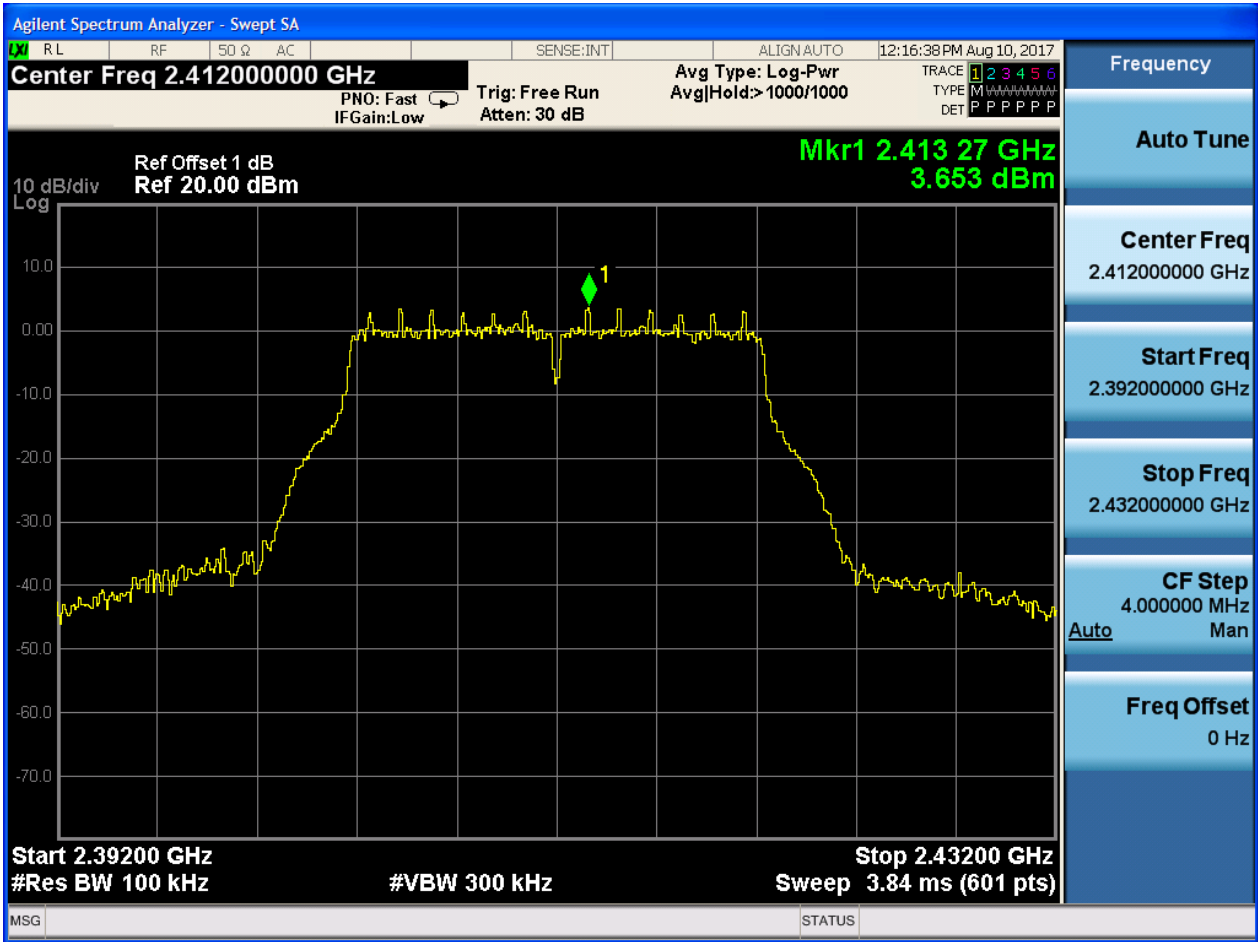






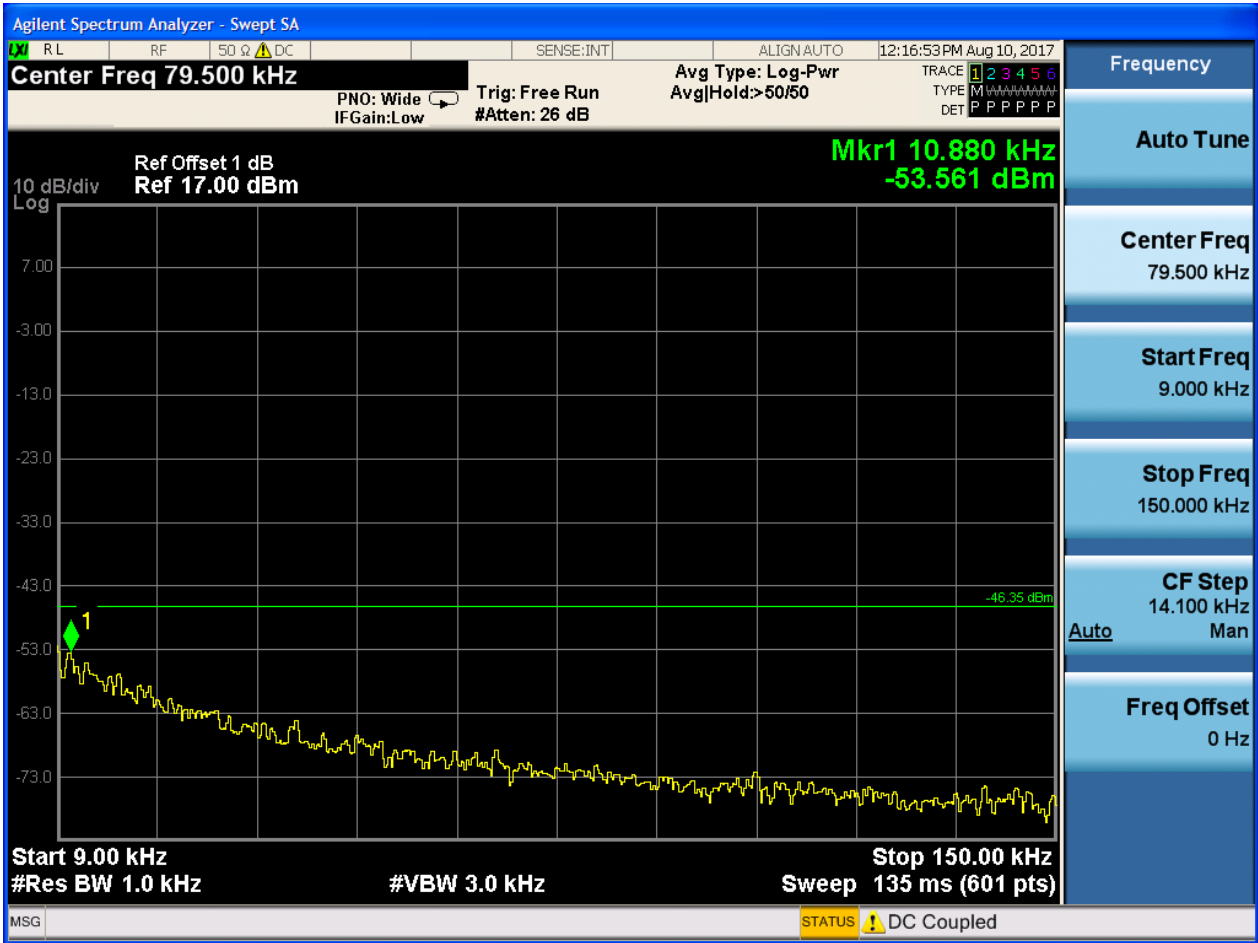
2.25 11G_CDD L@Ant 1

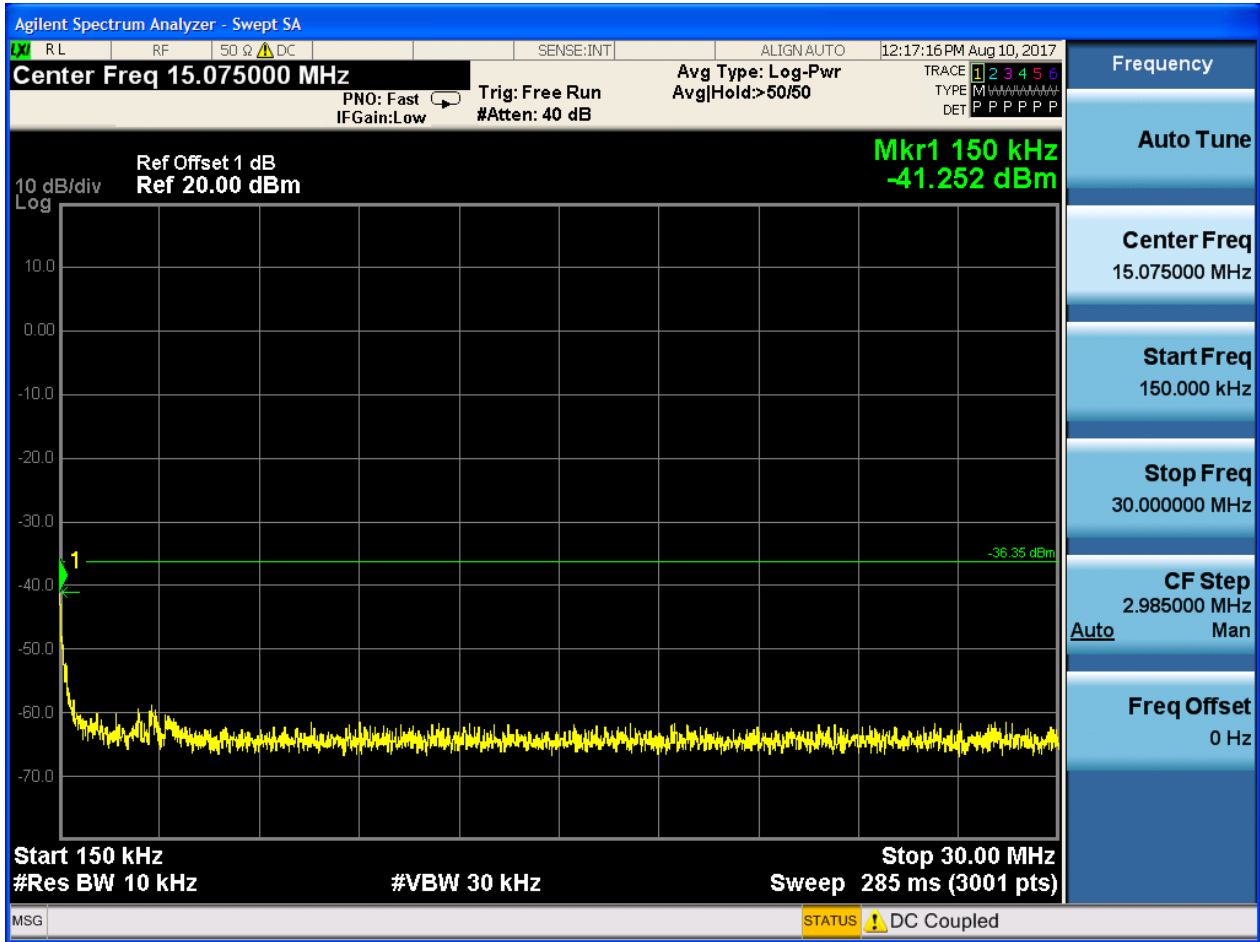
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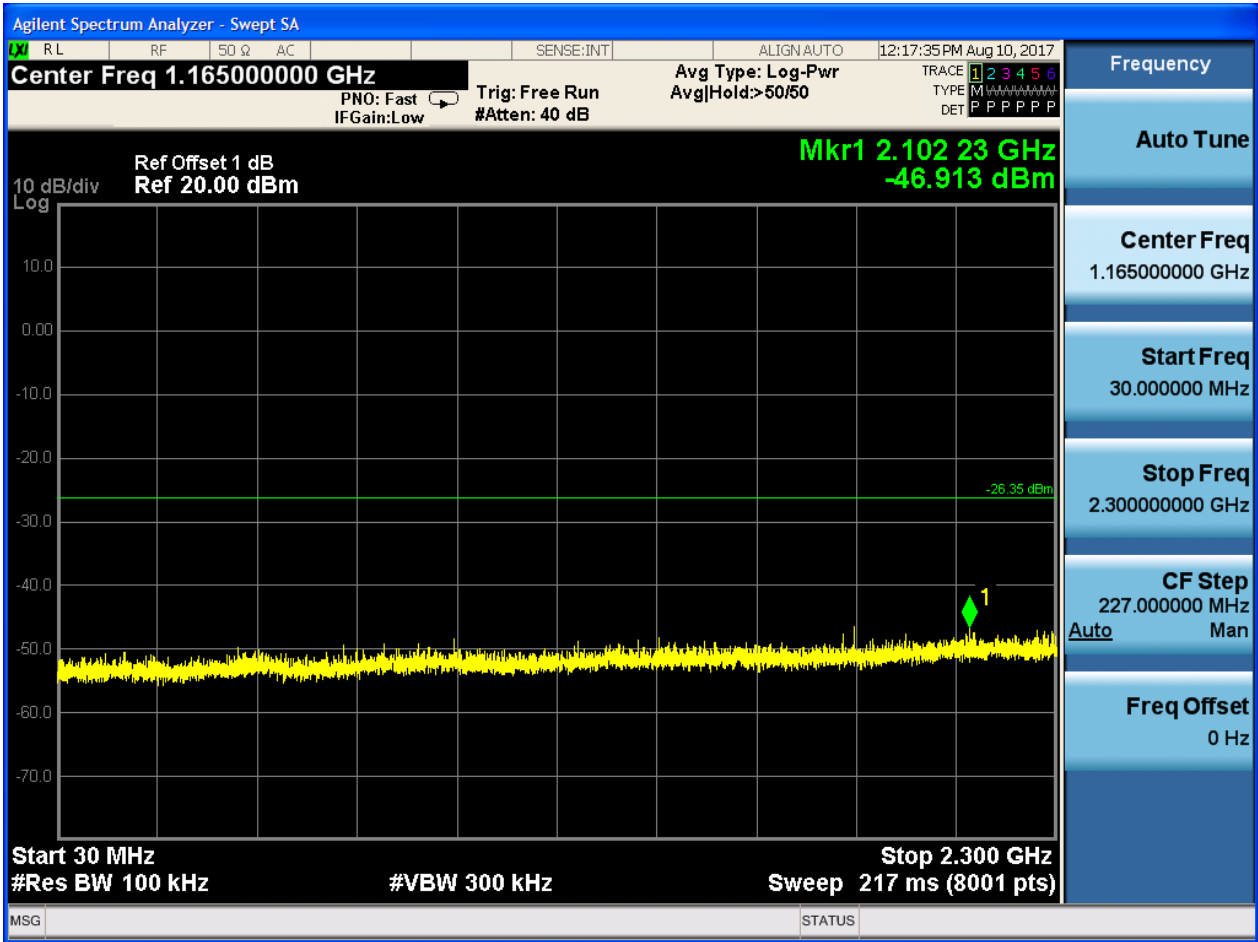


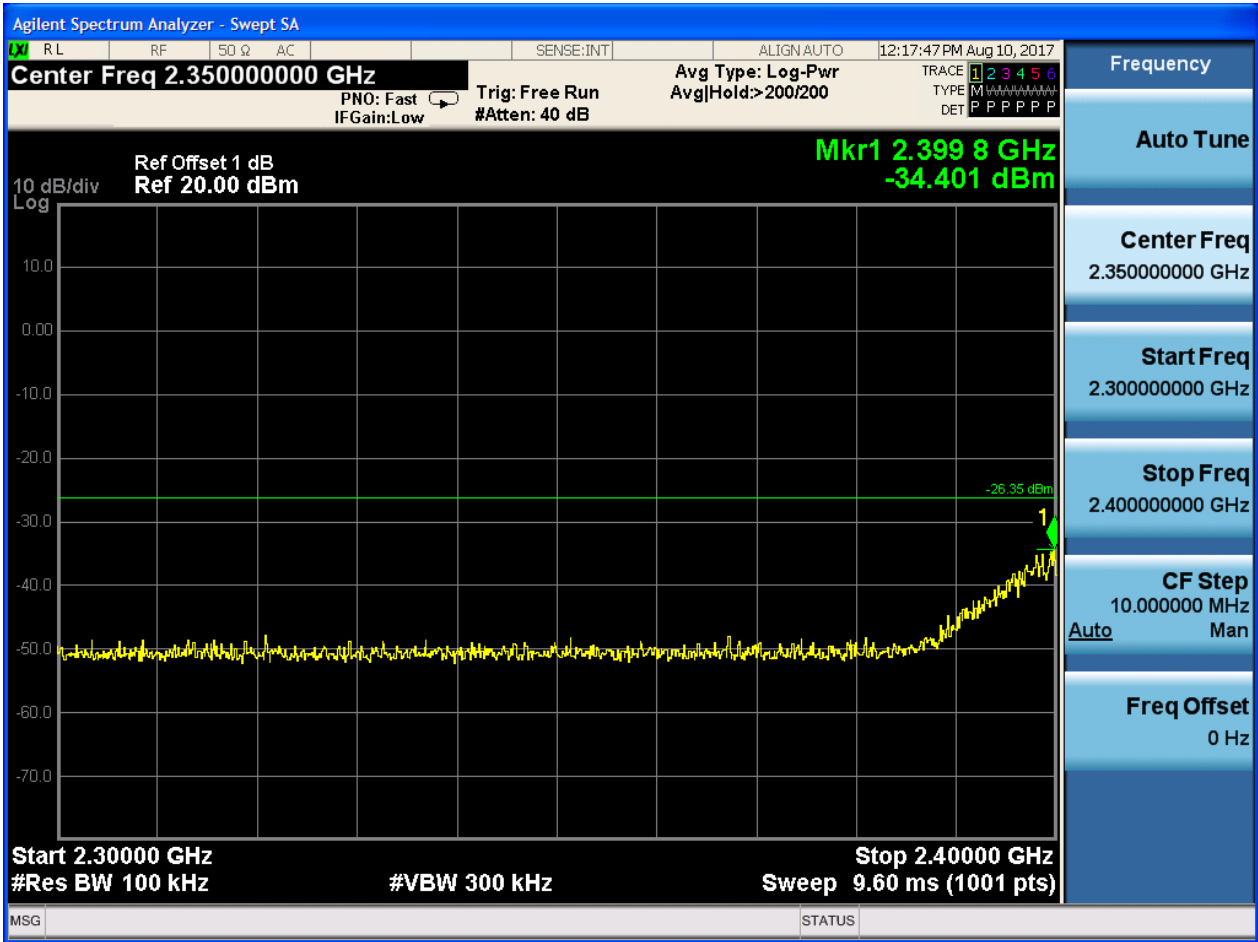


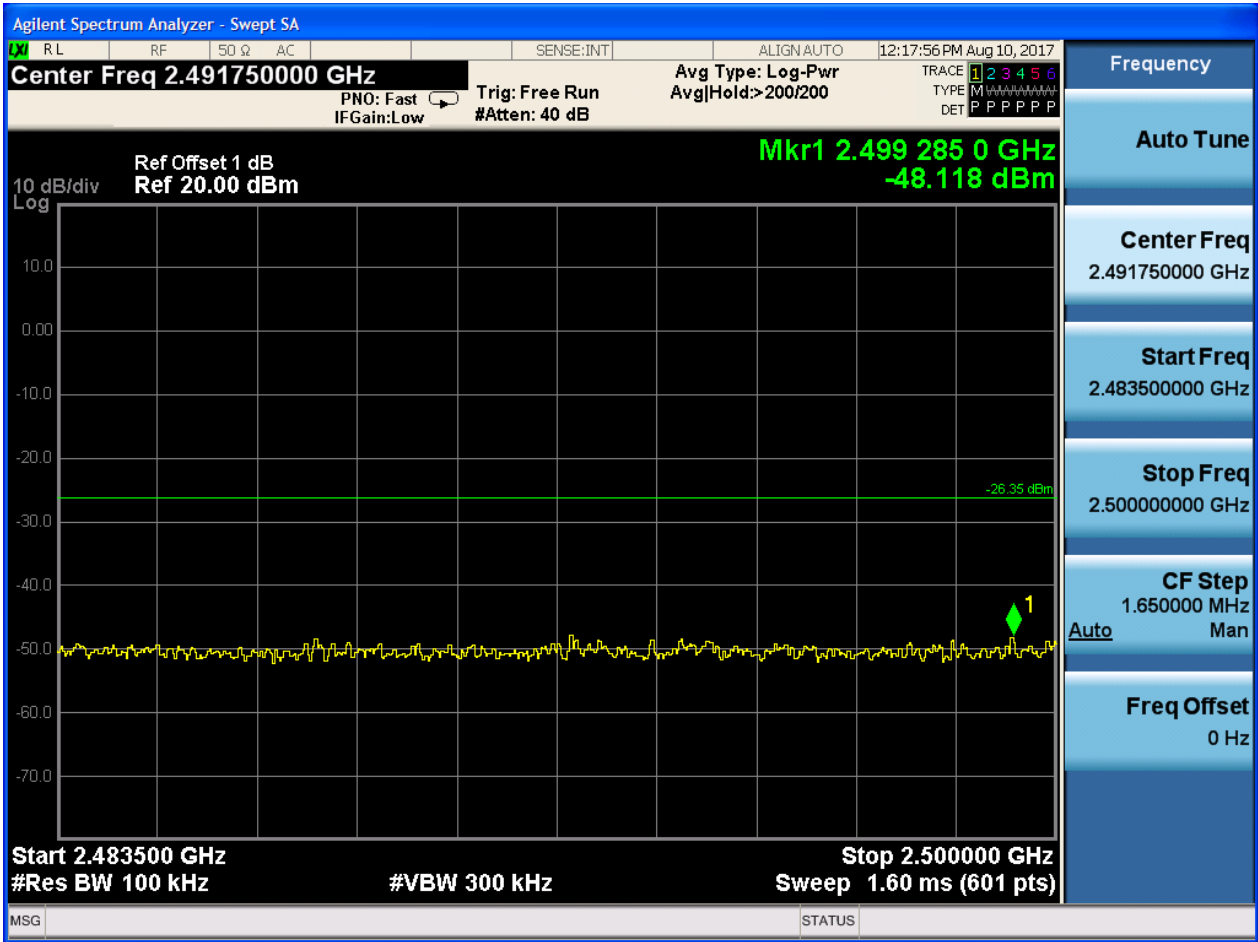
P_{uw}:

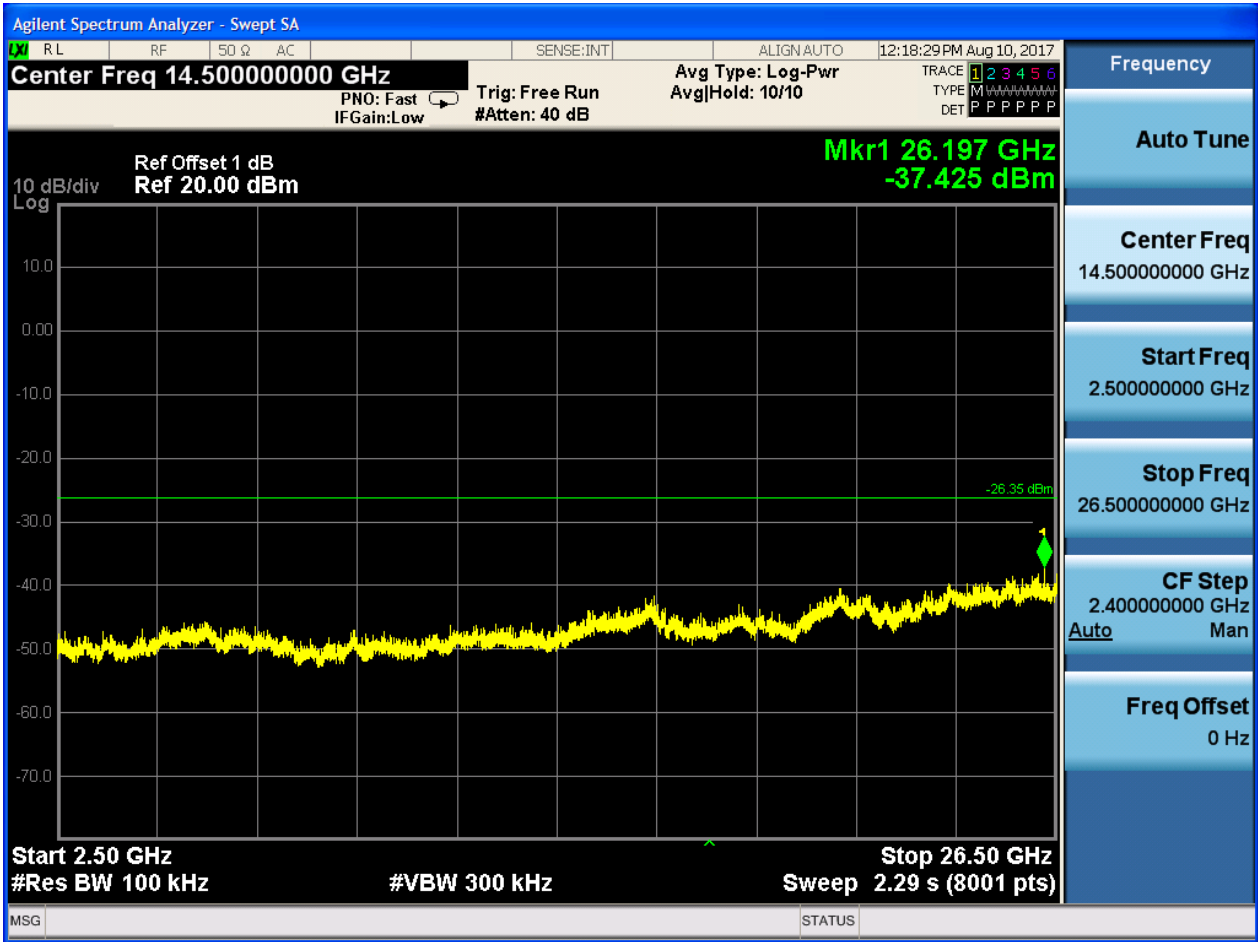








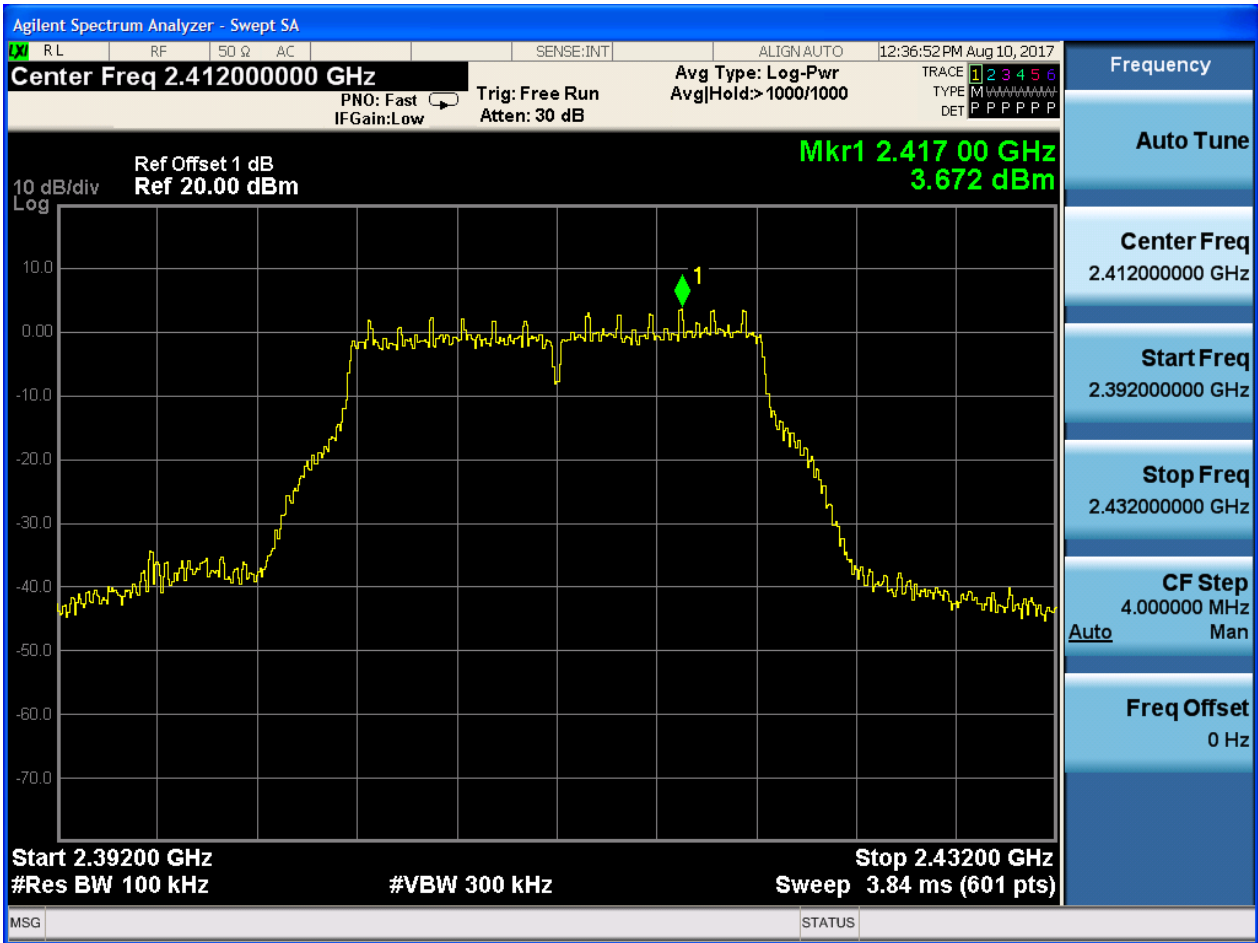






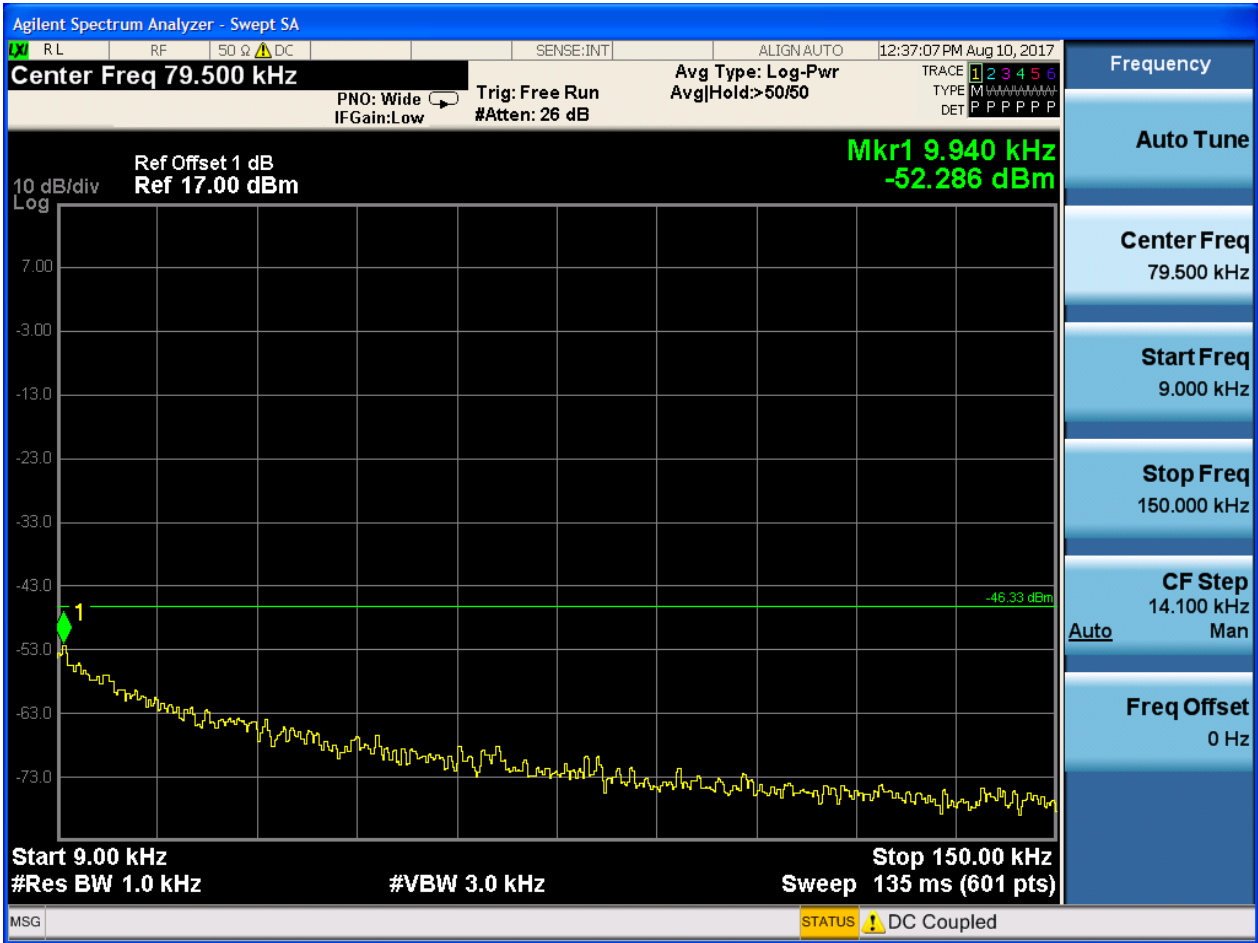
2.26 11G_CDD L@Ant 2

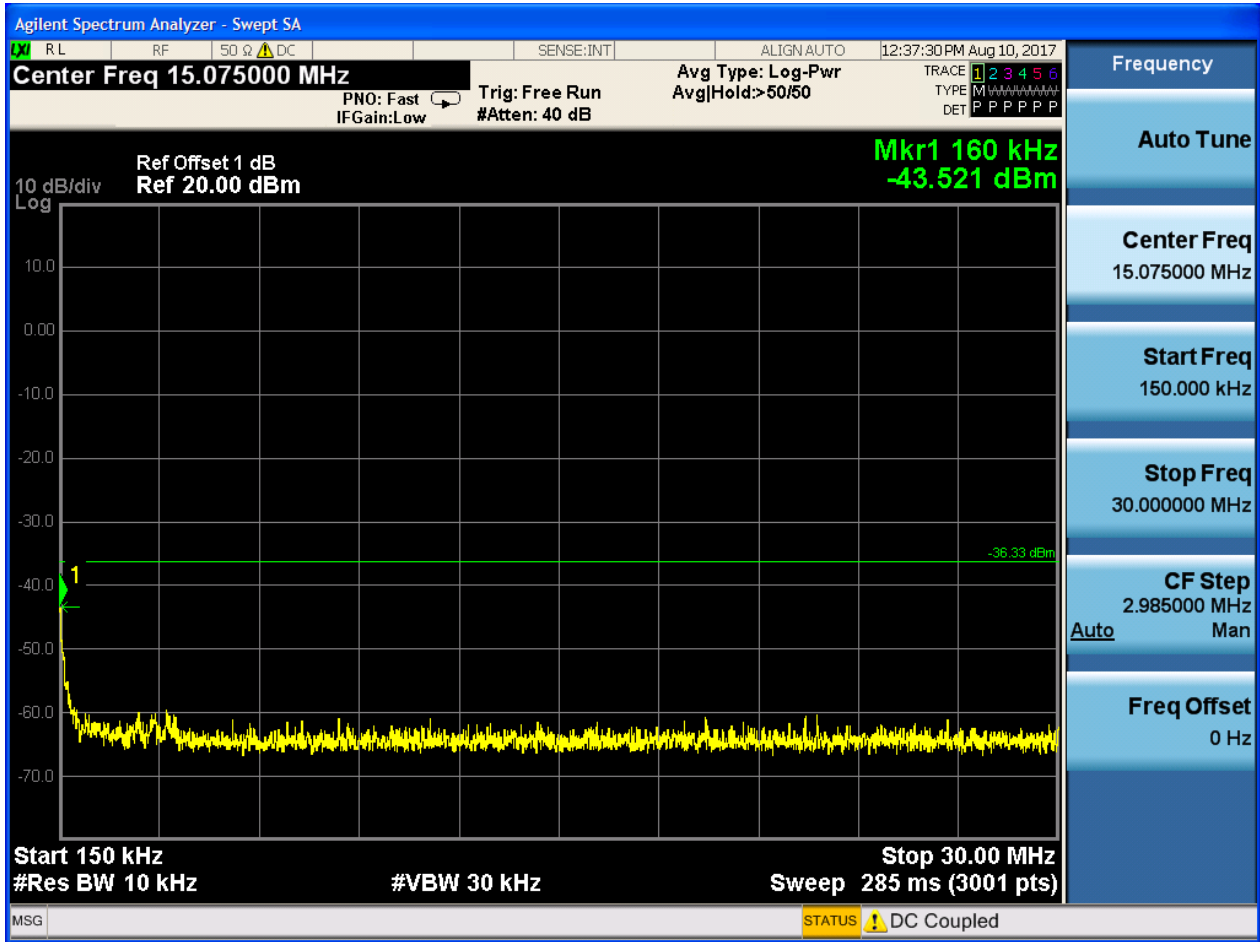
Pref:

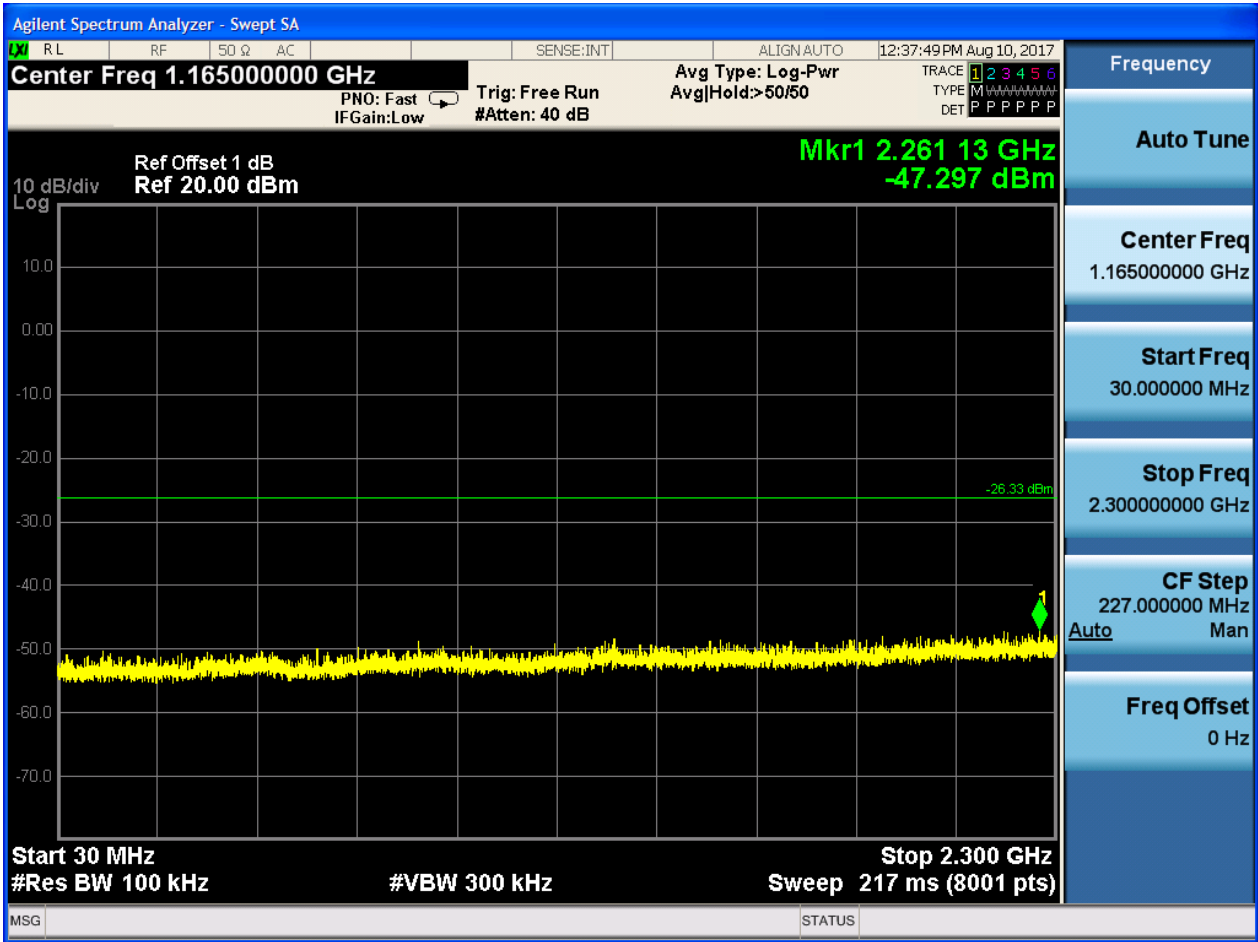


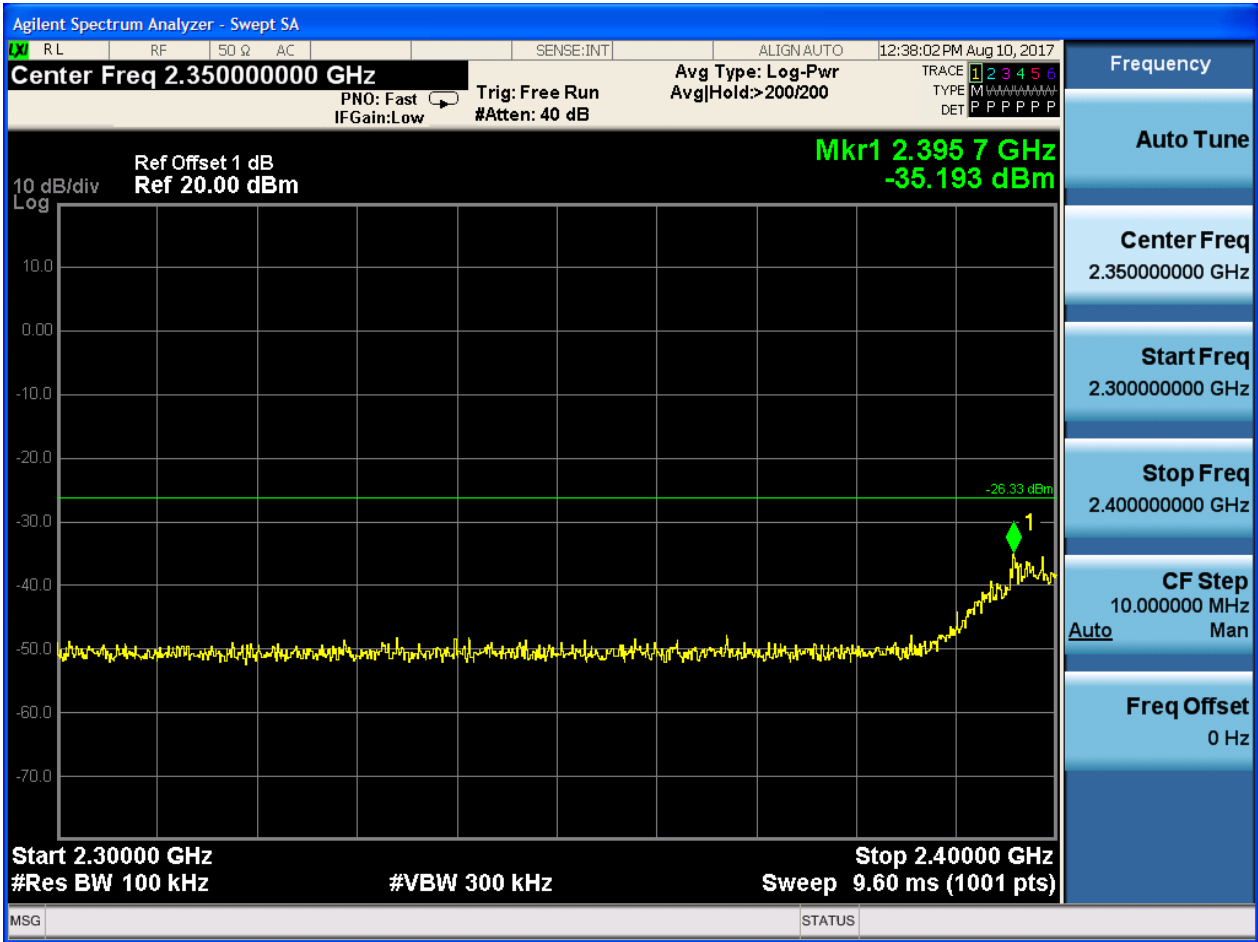


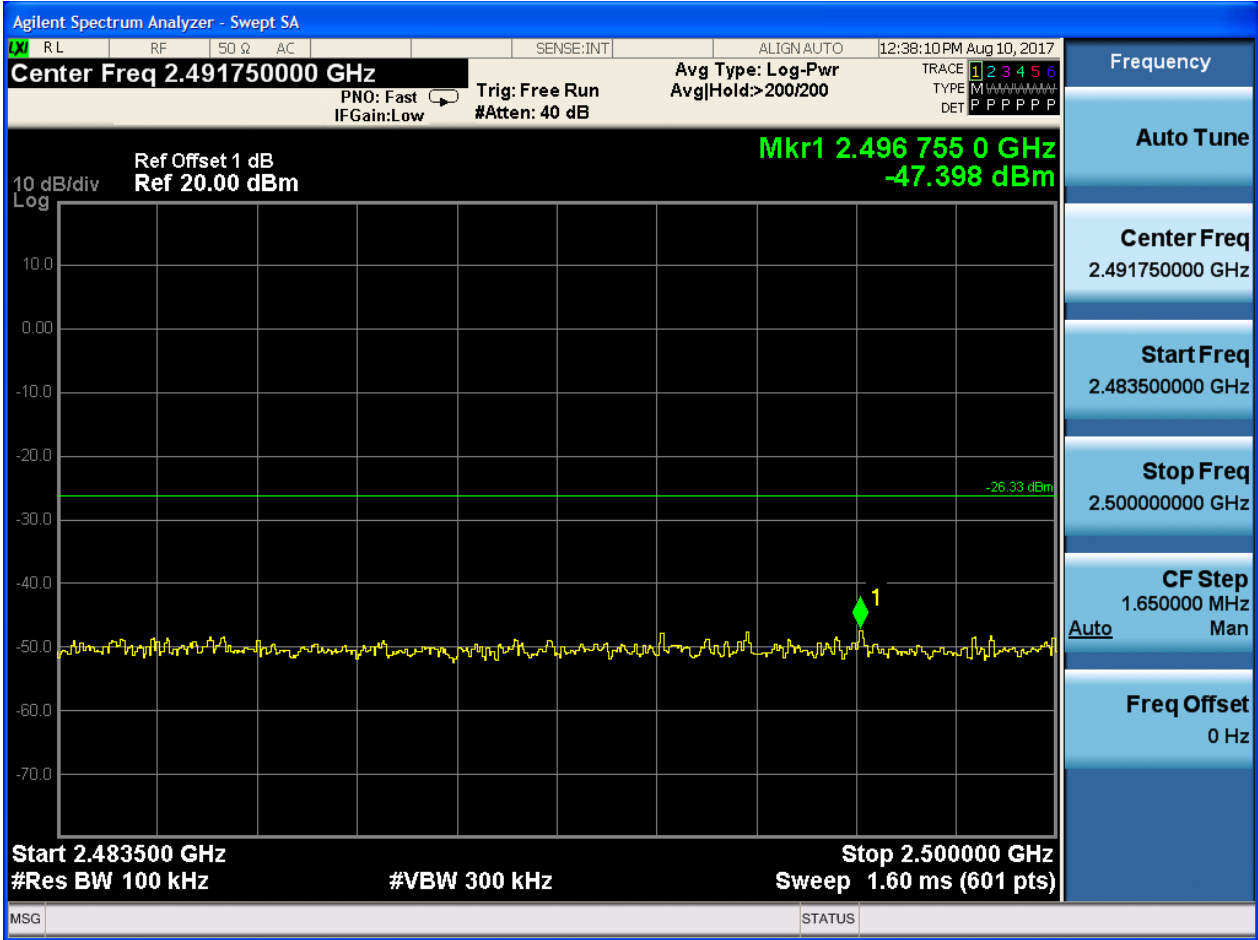
P_{uw}:

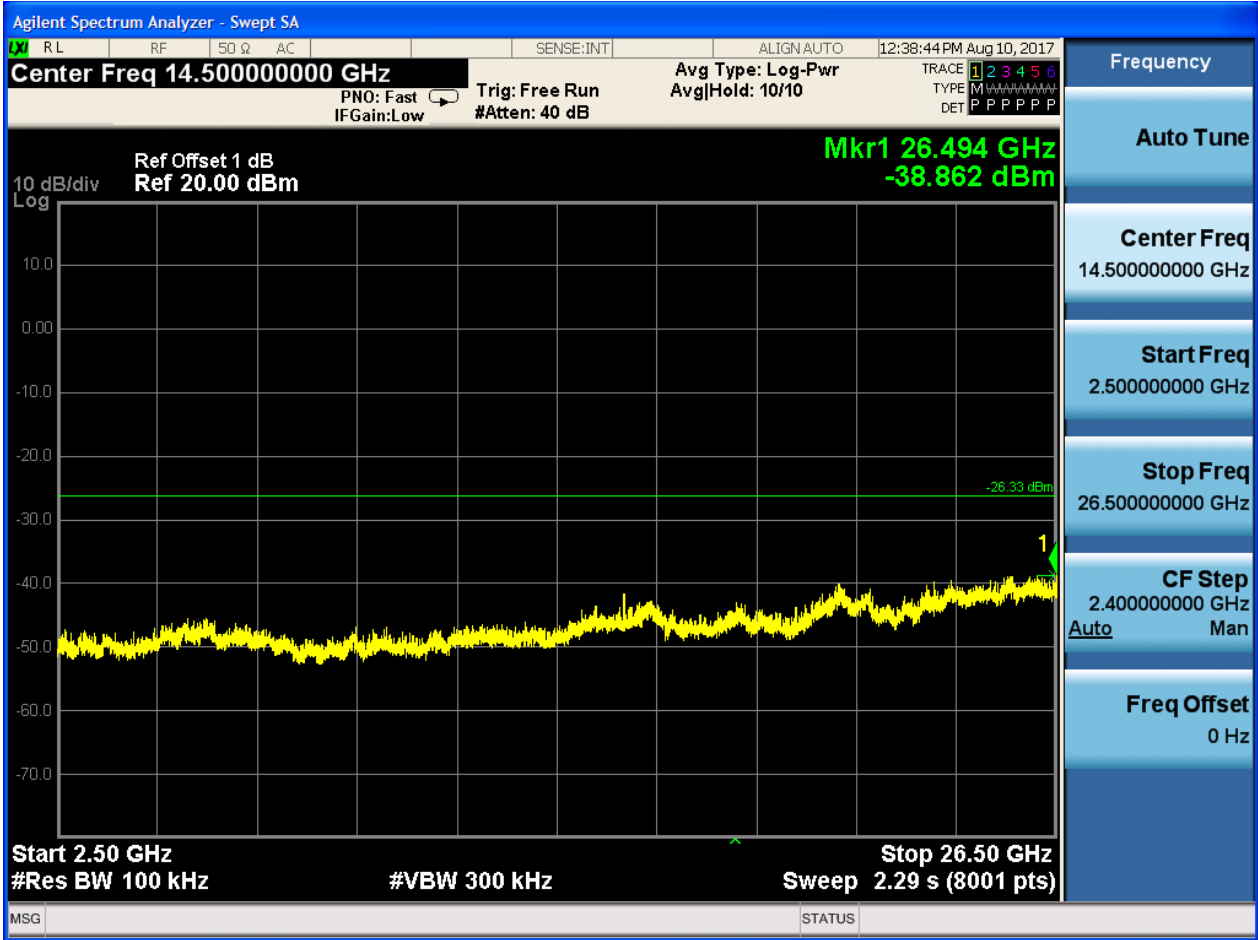








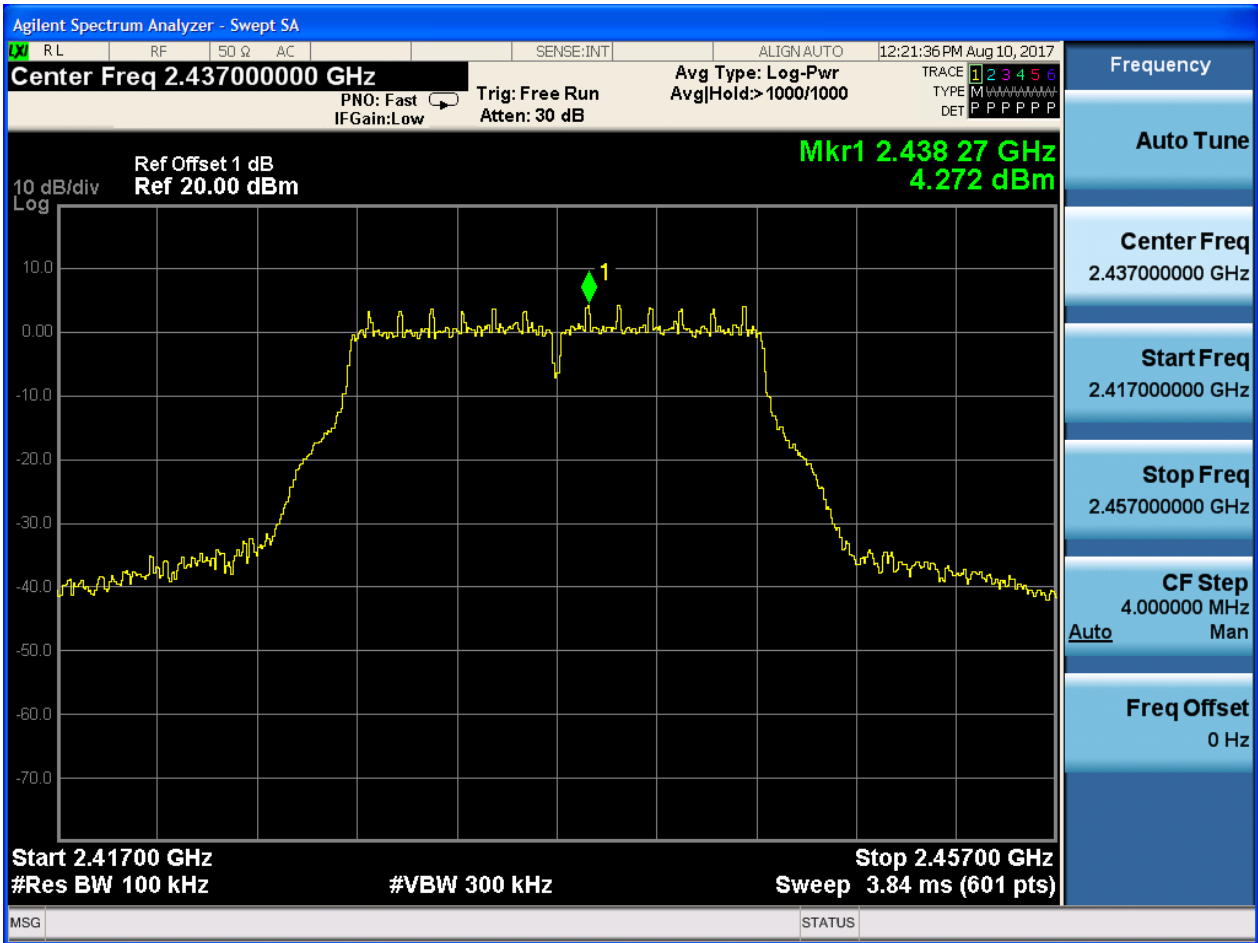






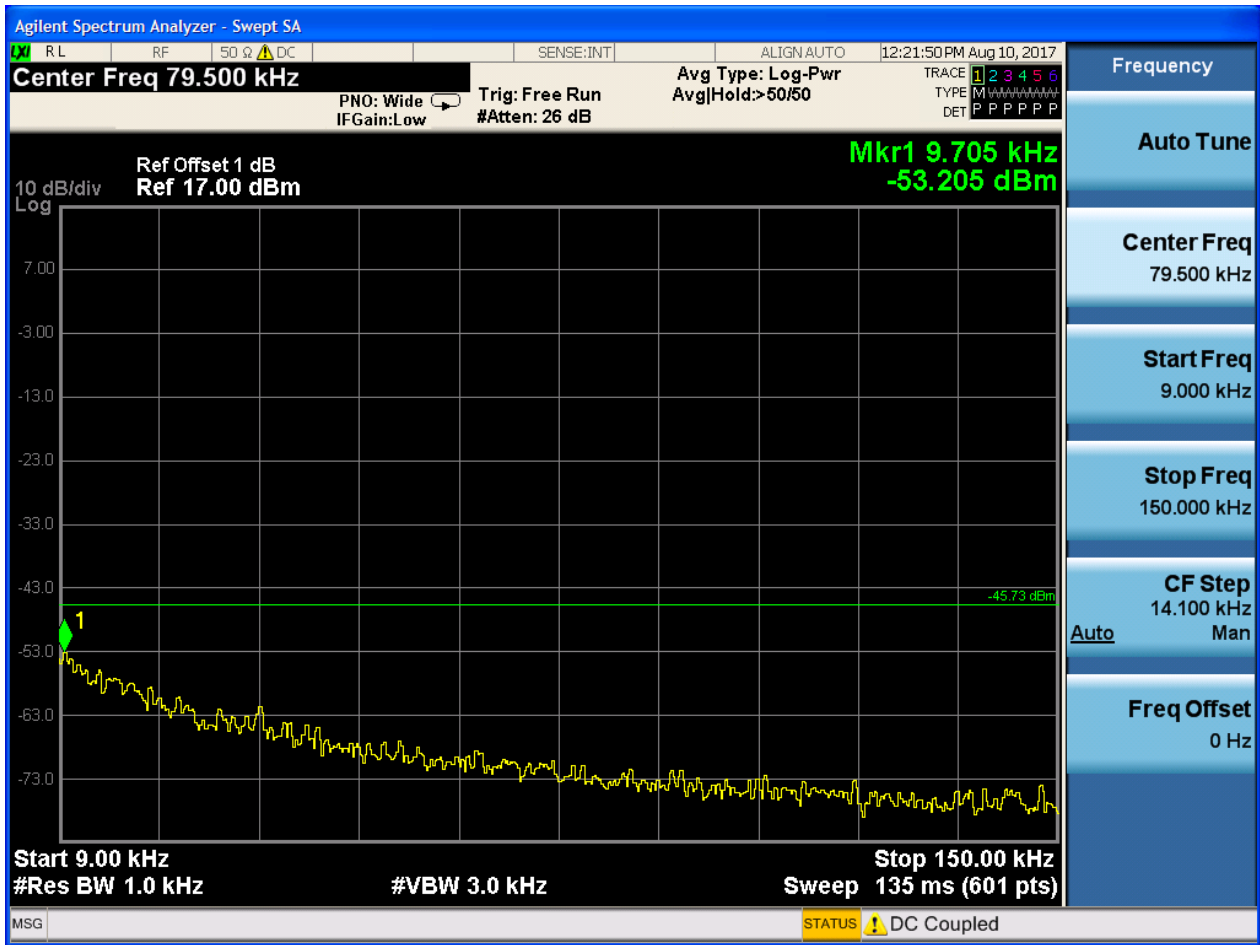
2.27 11G_CDD M@Ant 1

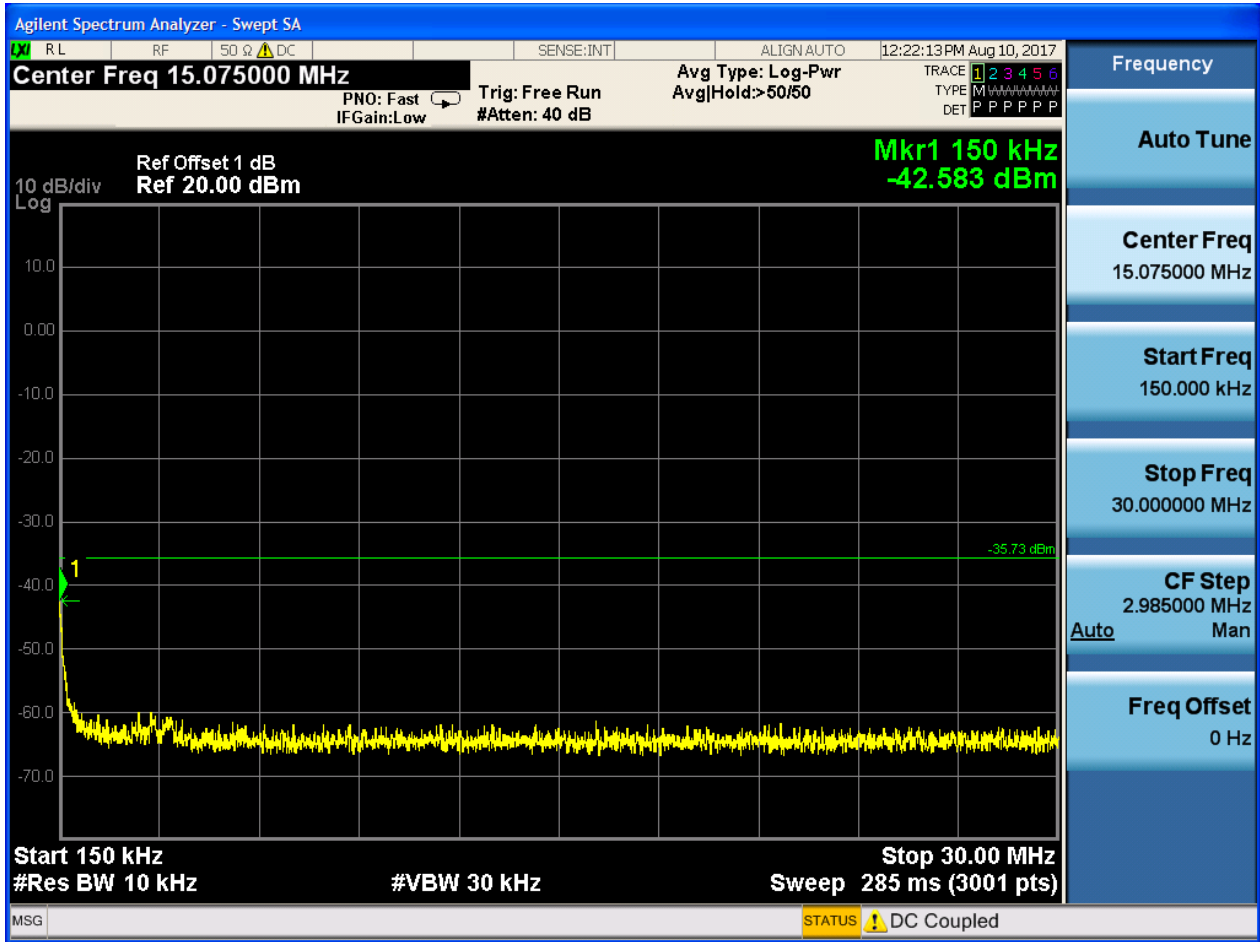
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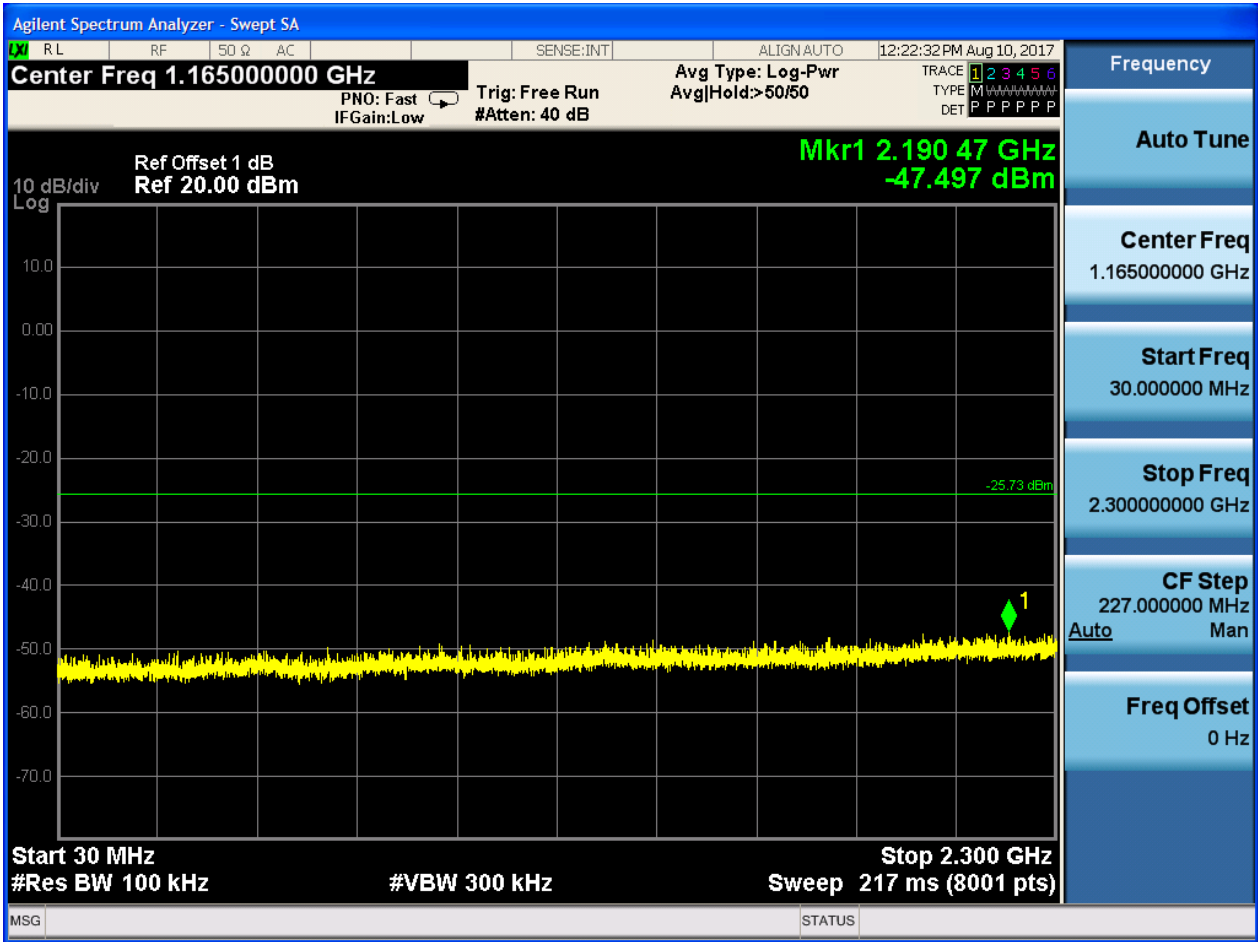


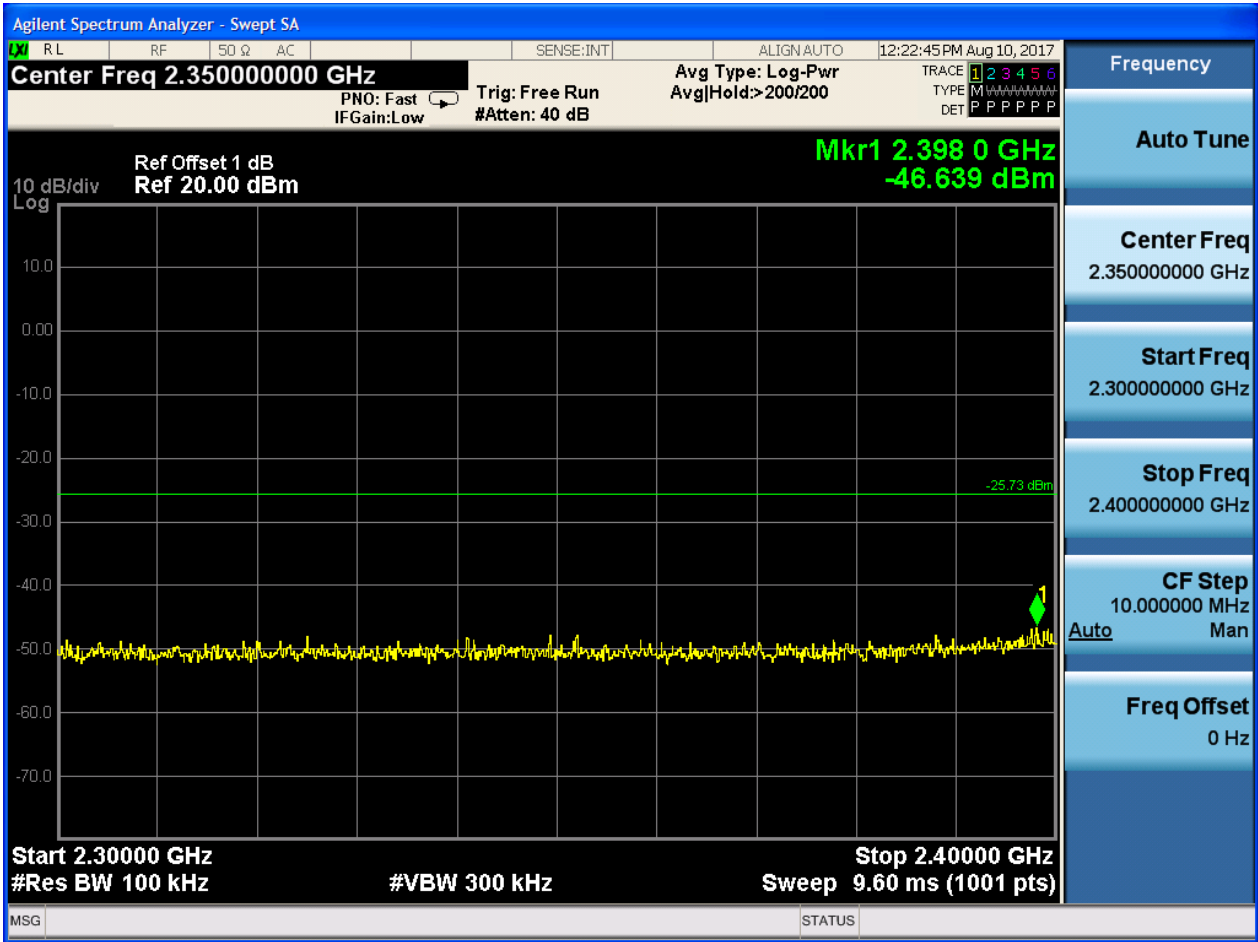


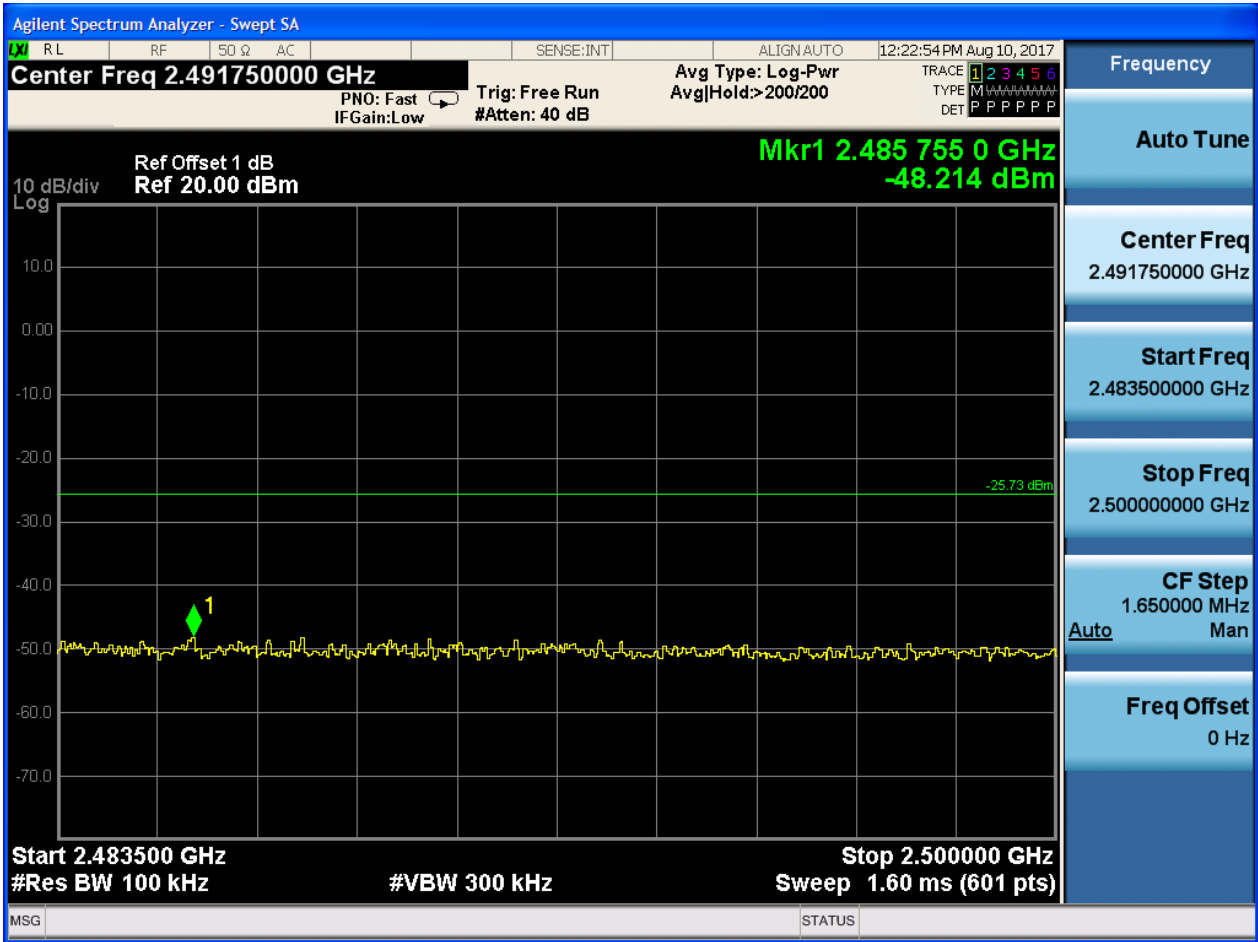
Puw:

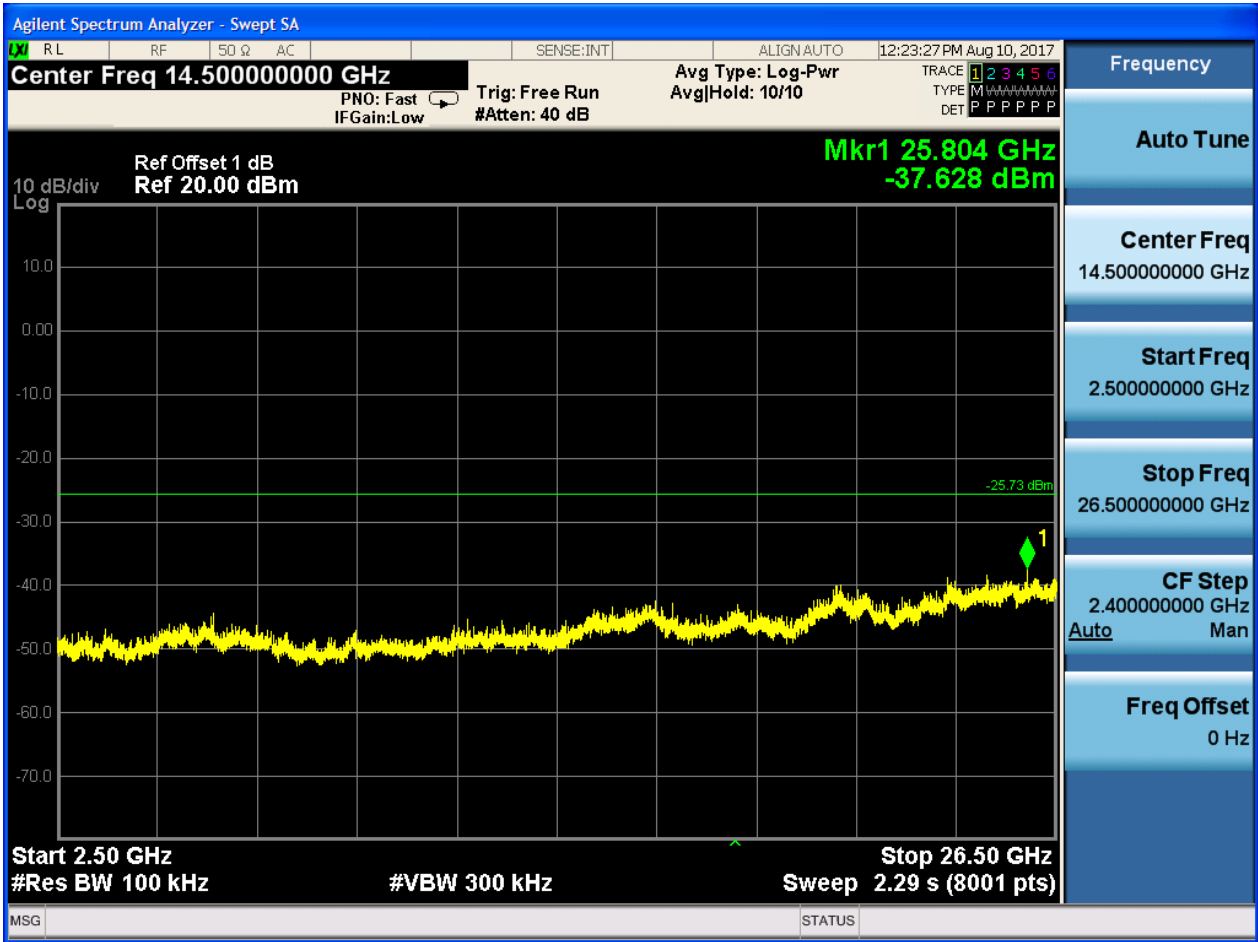










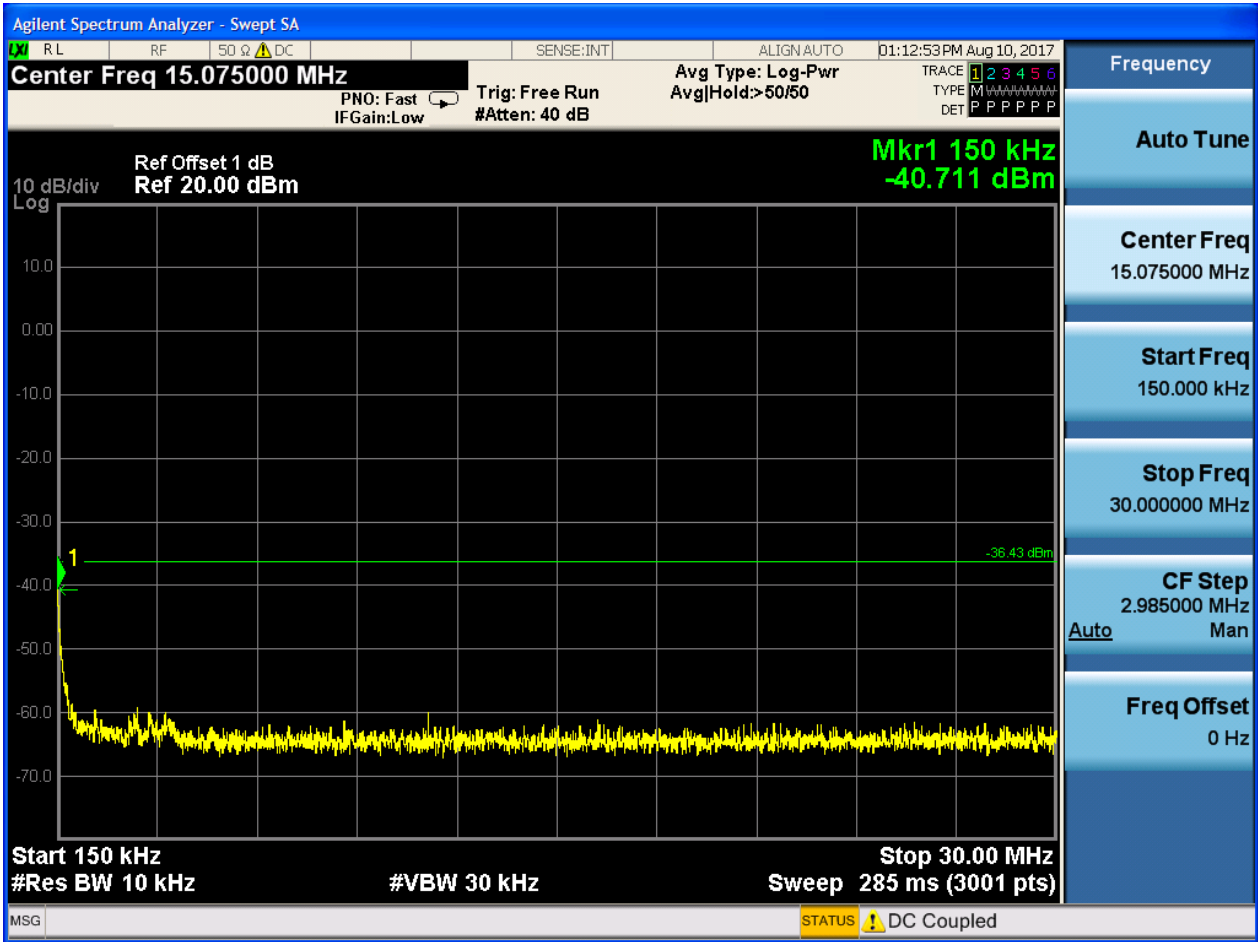


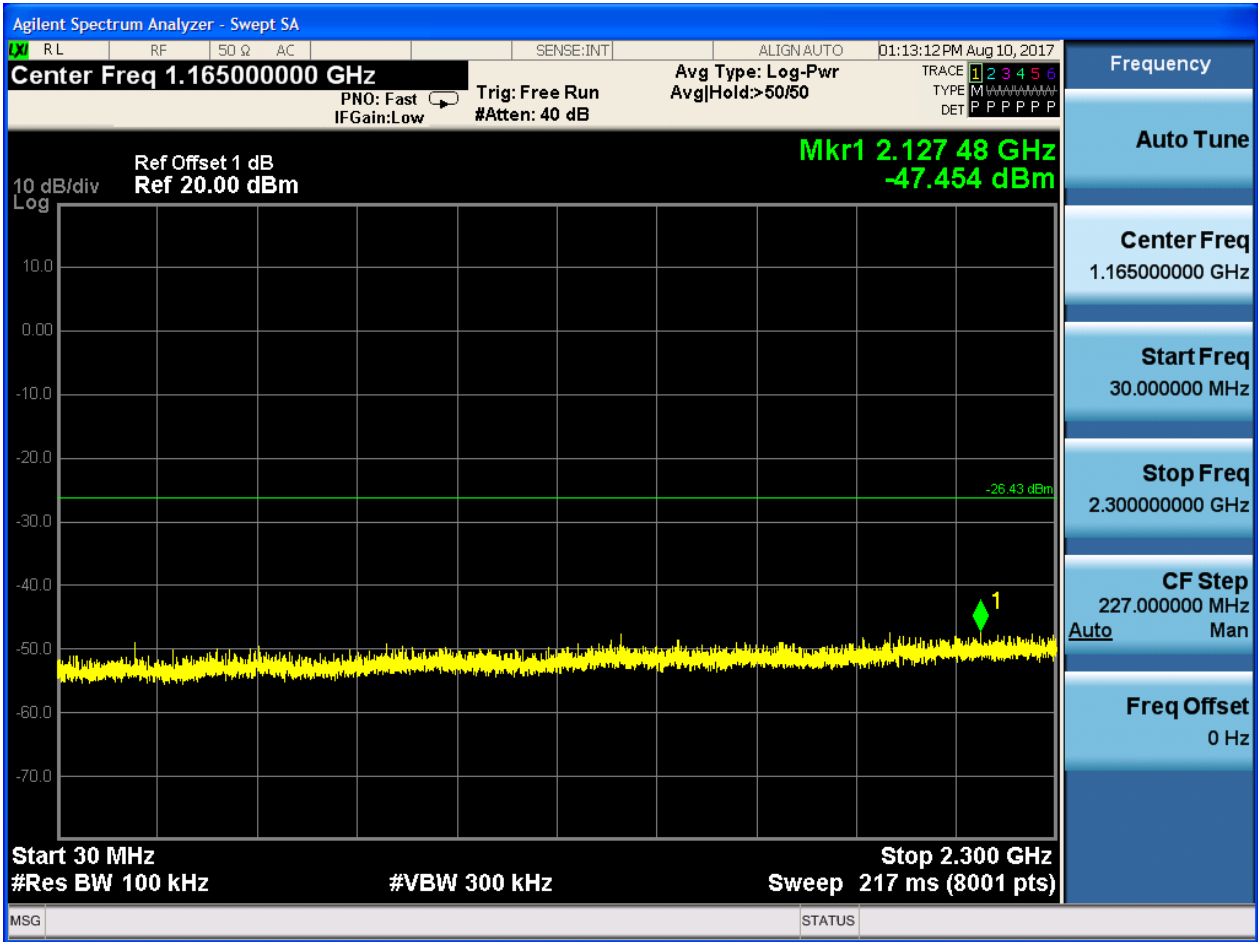


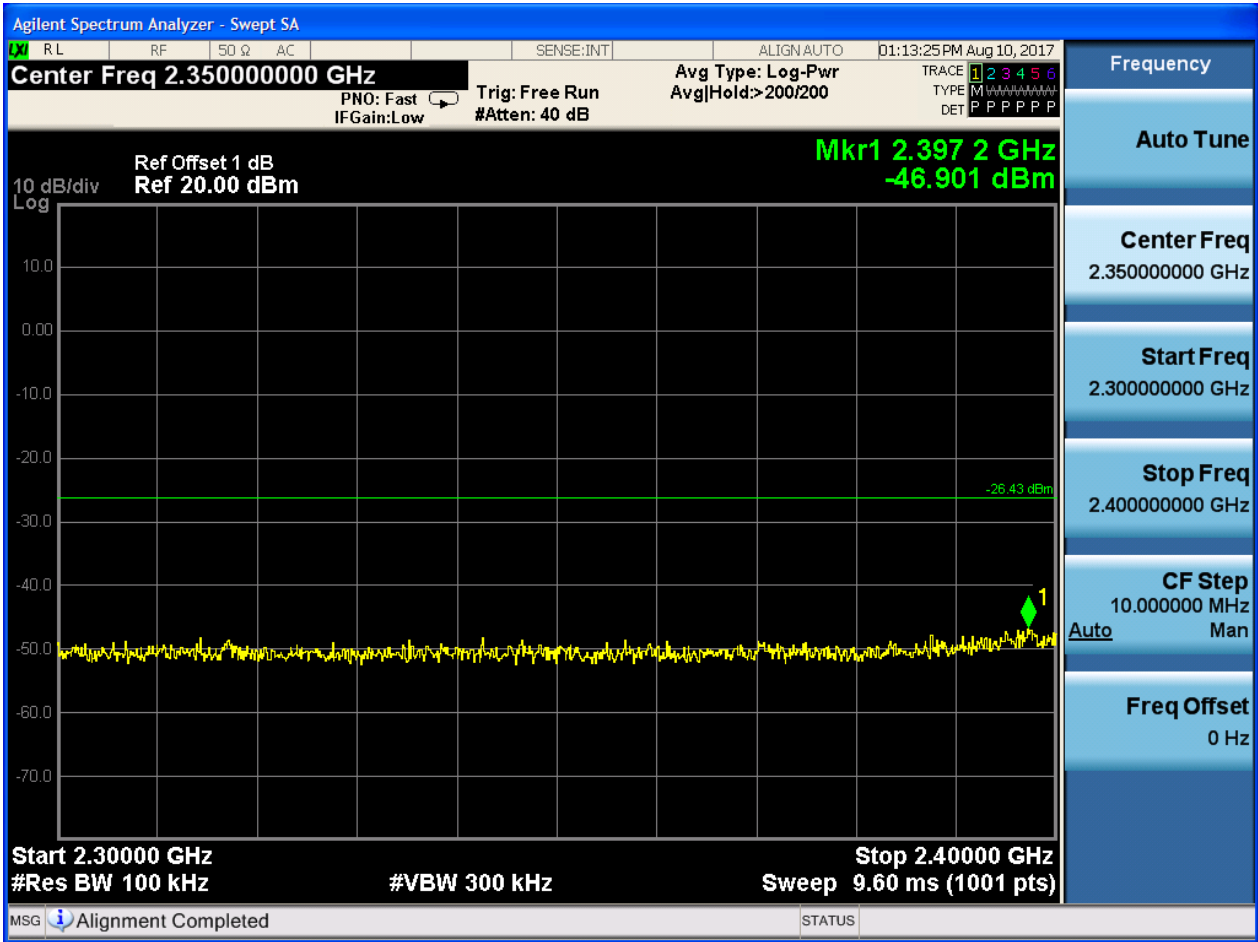
2.28 11G_CDD M@Ant 2

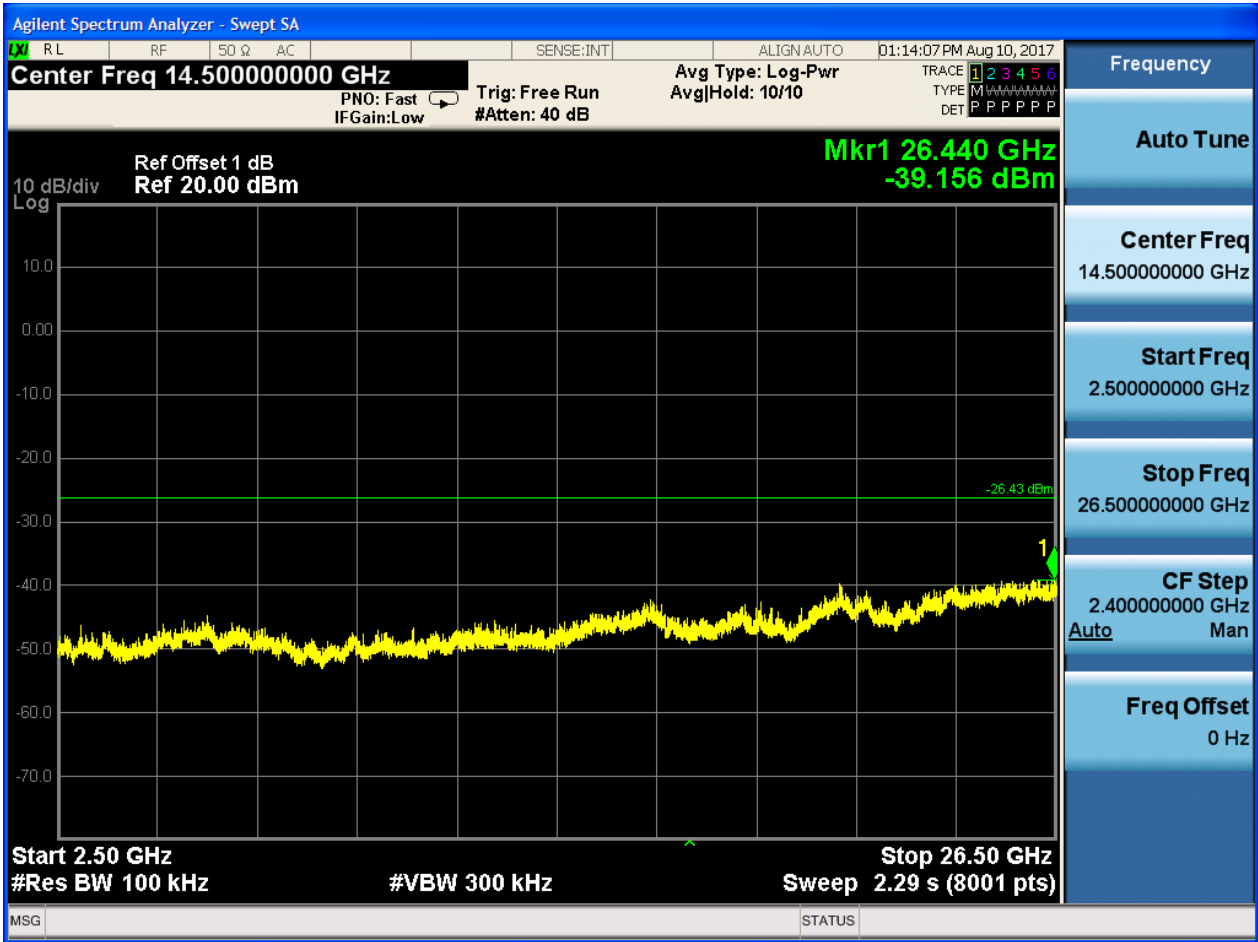
Pref:







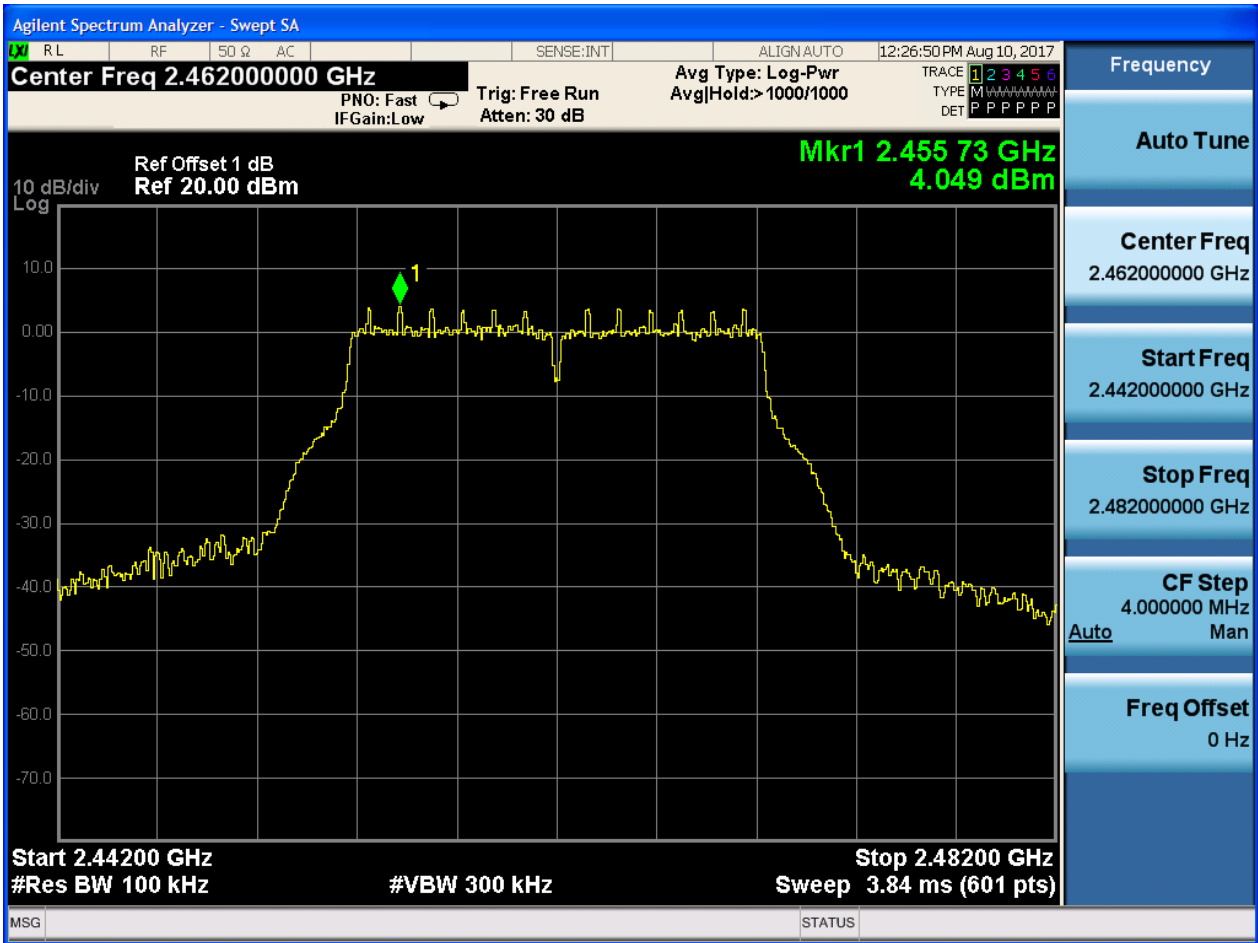






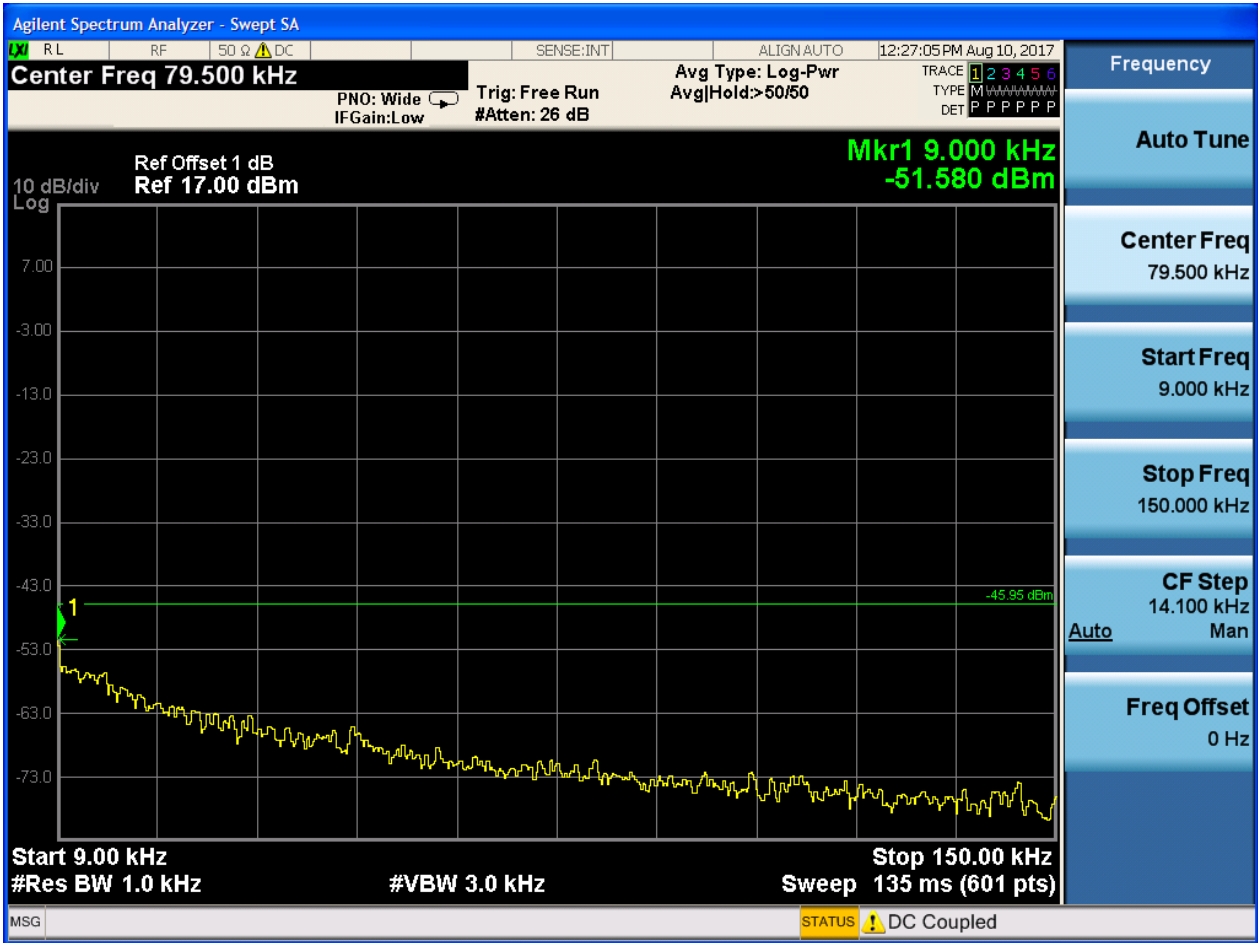
2.29 11G_CDD H@Ant 1

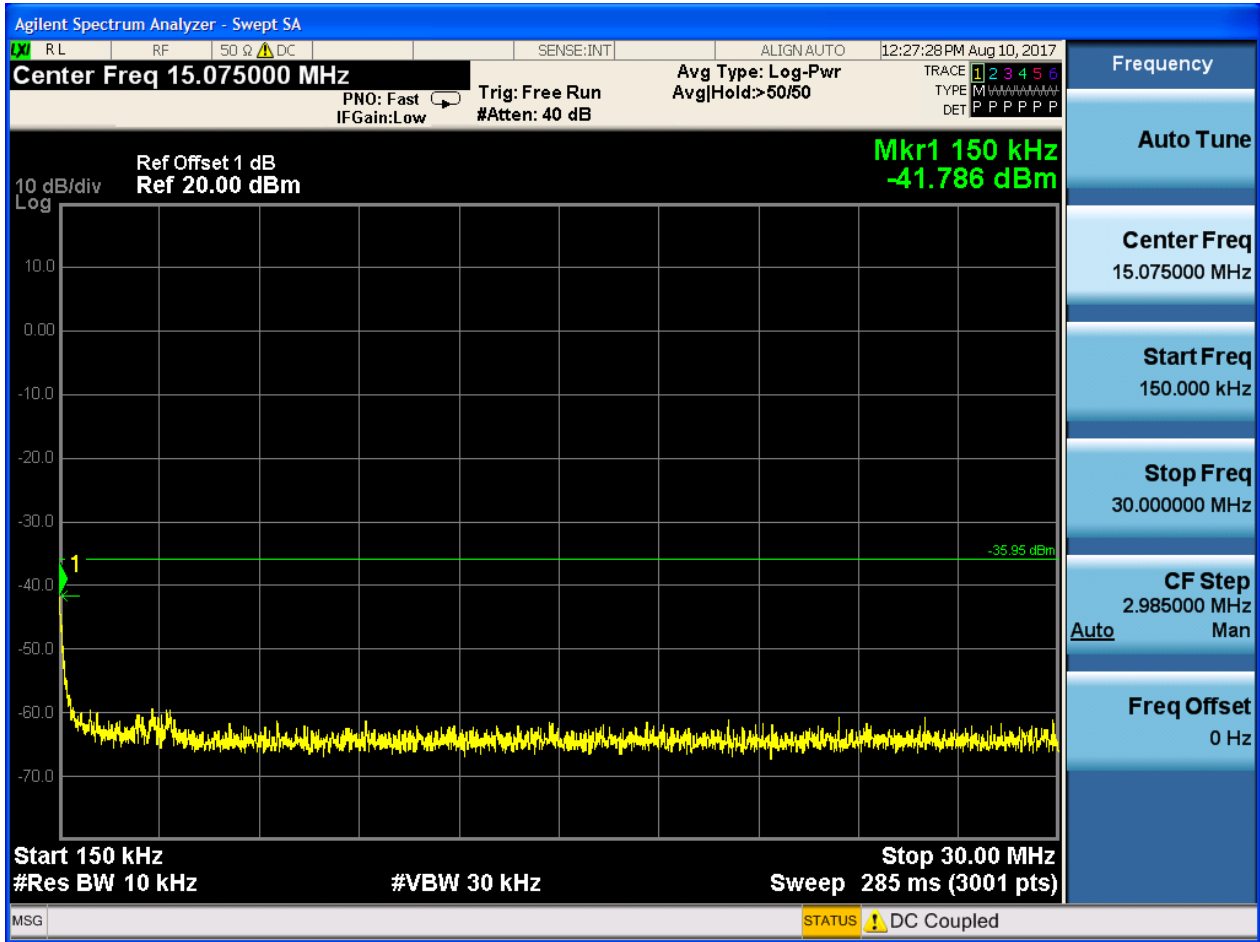
Pref:

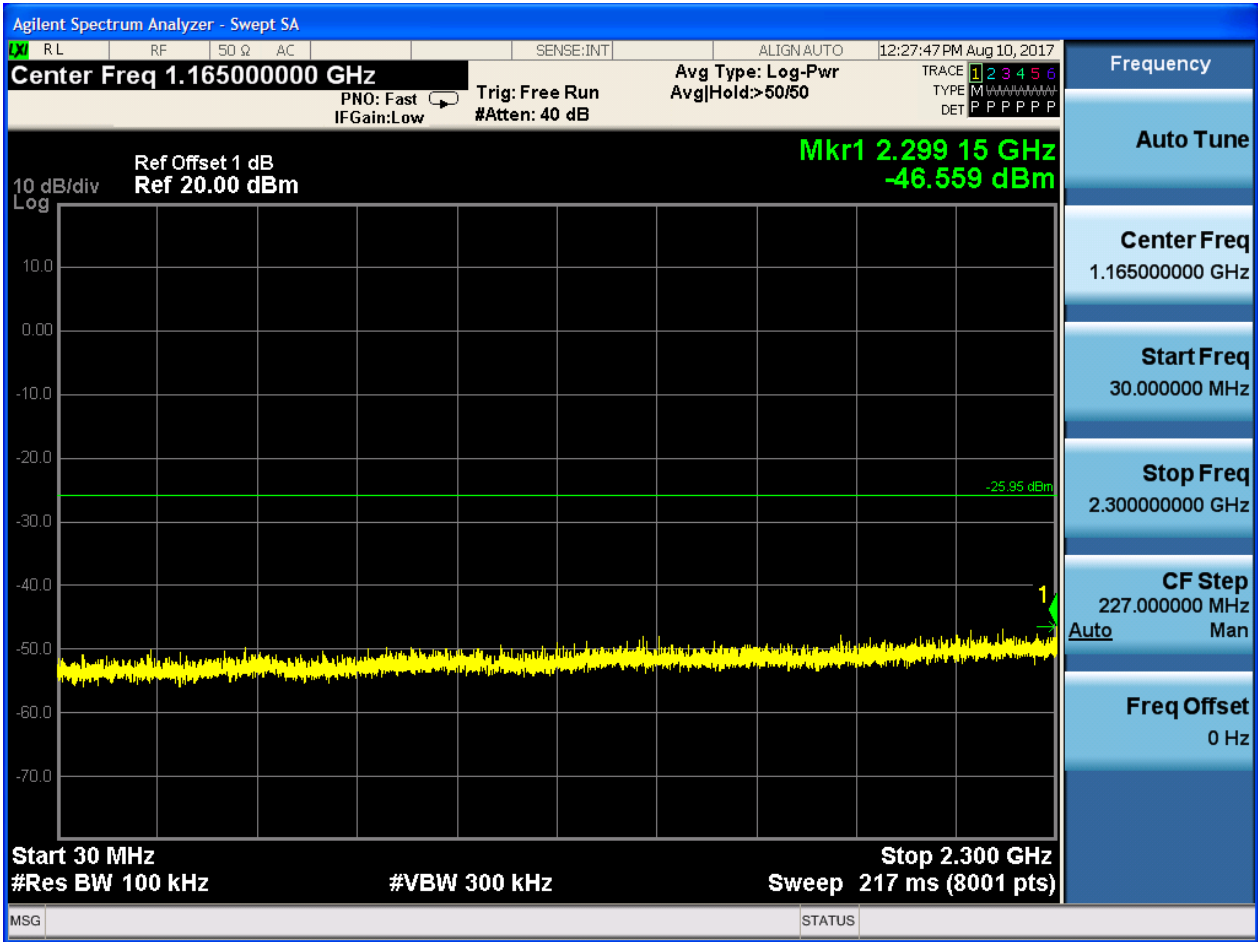


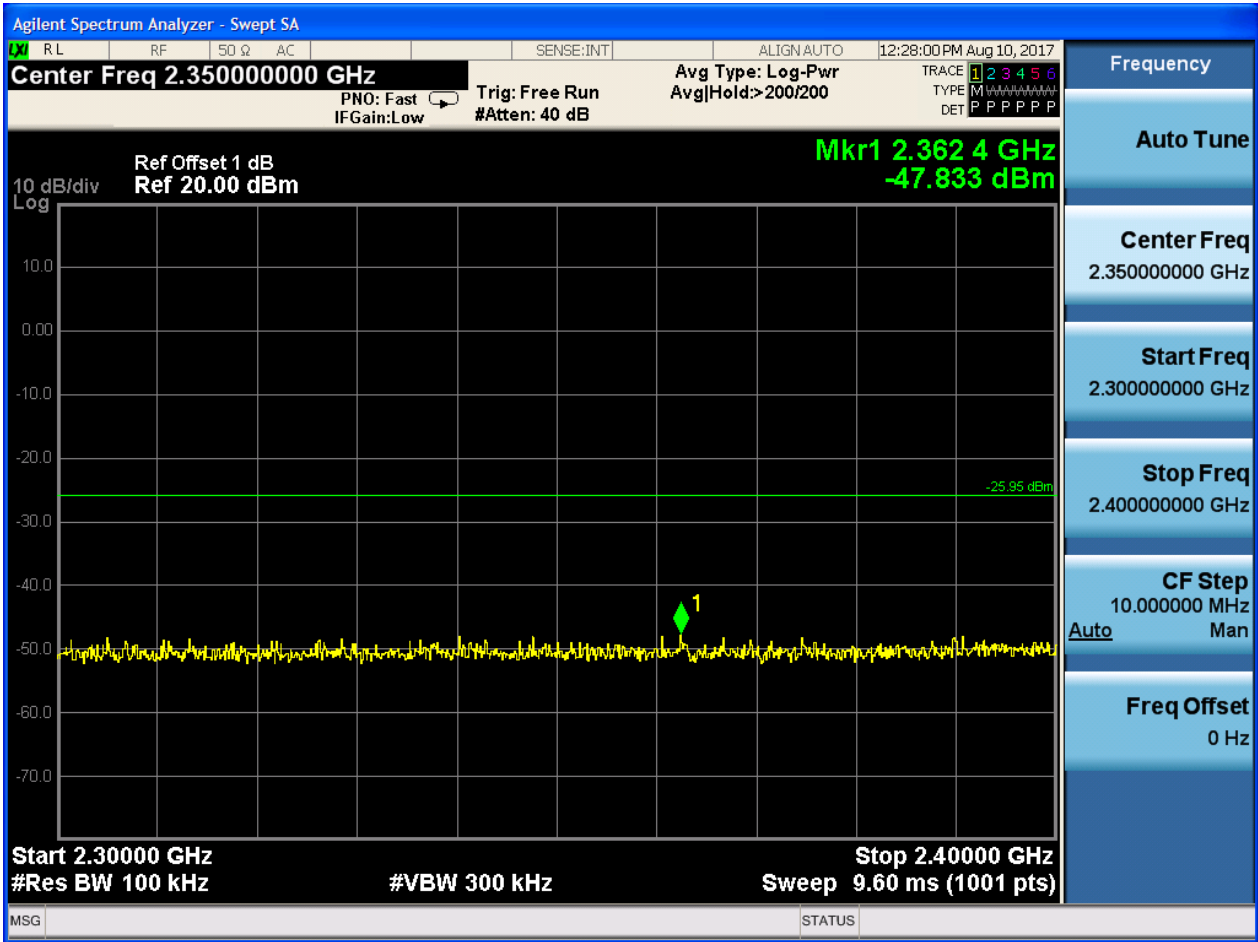


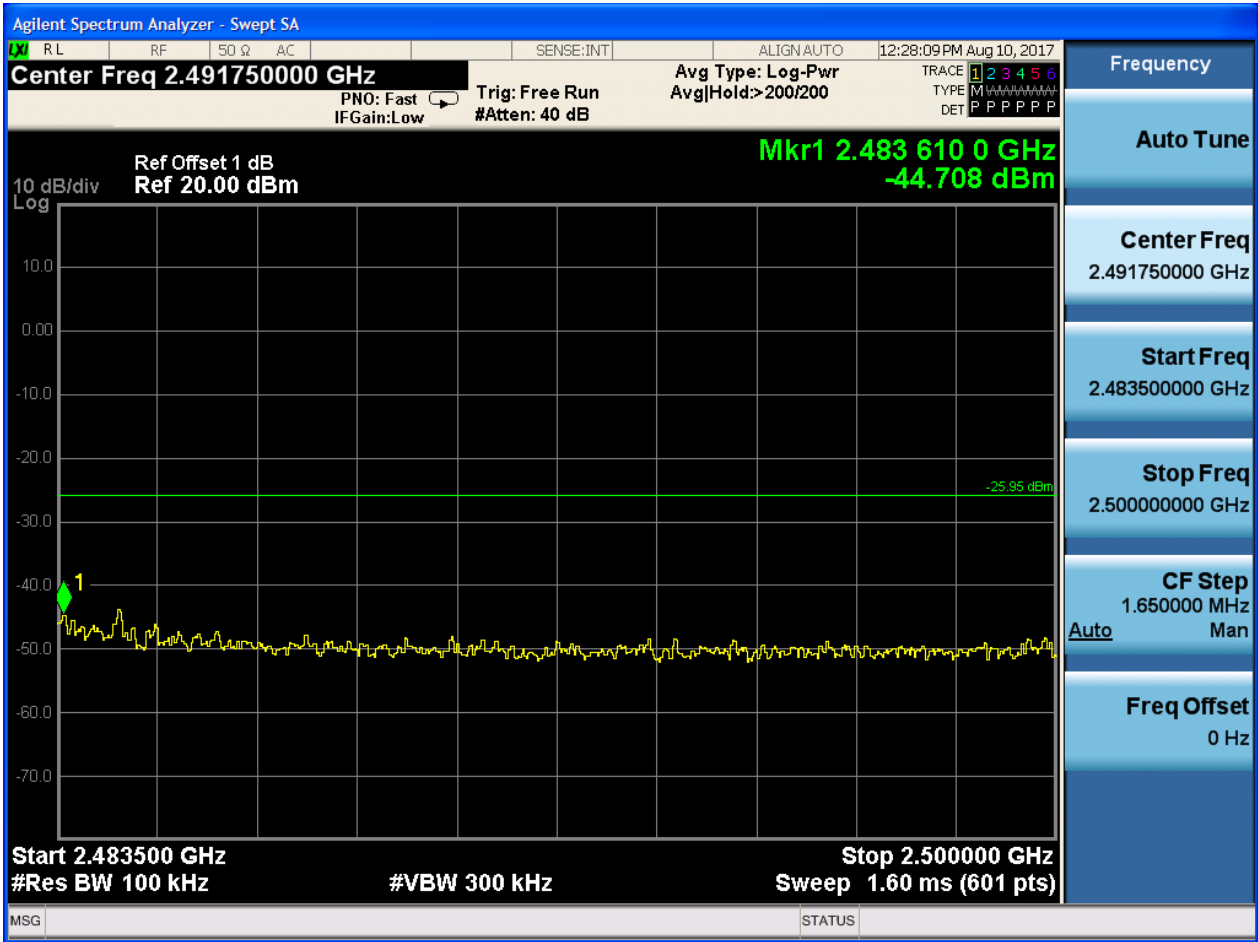
Puw:







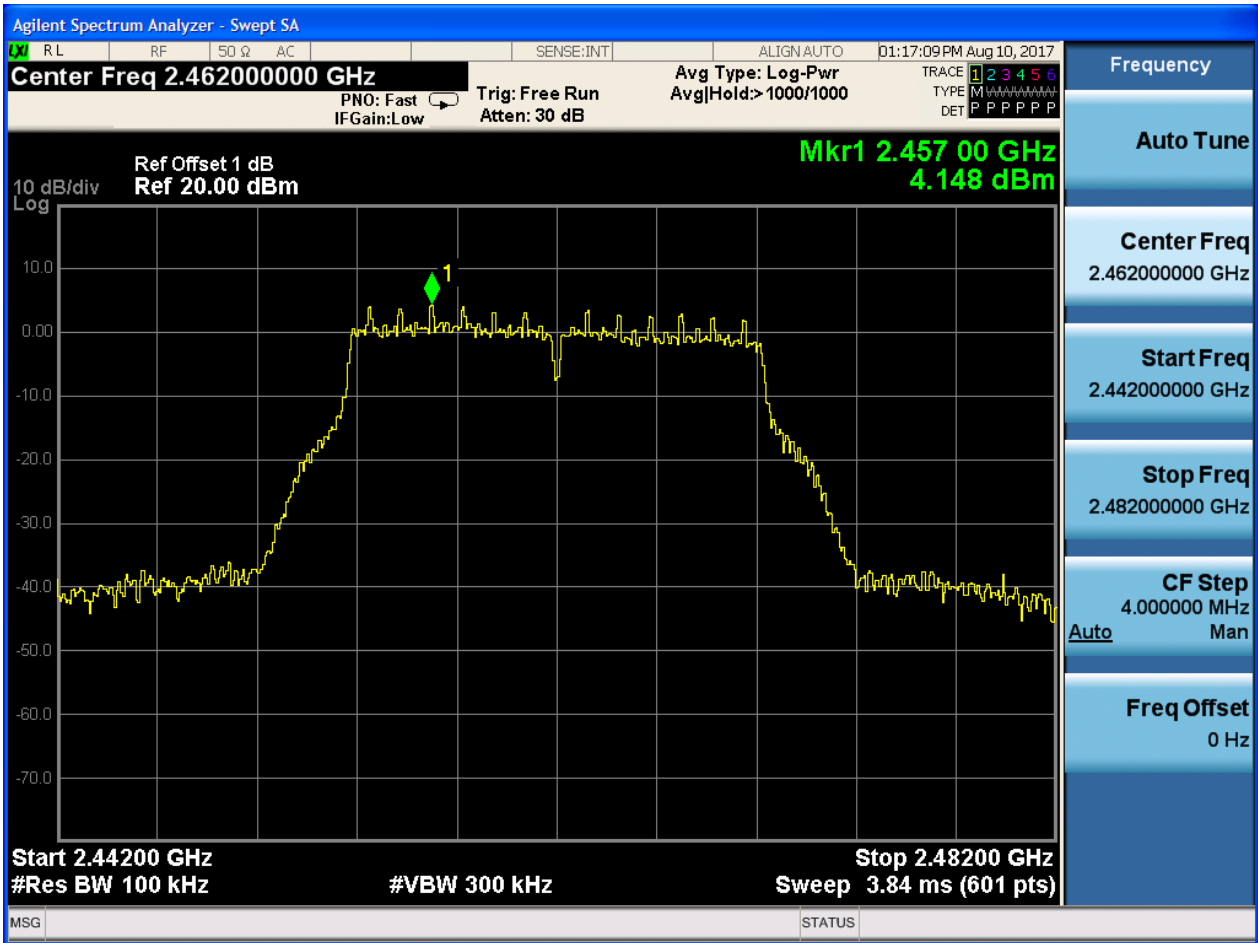






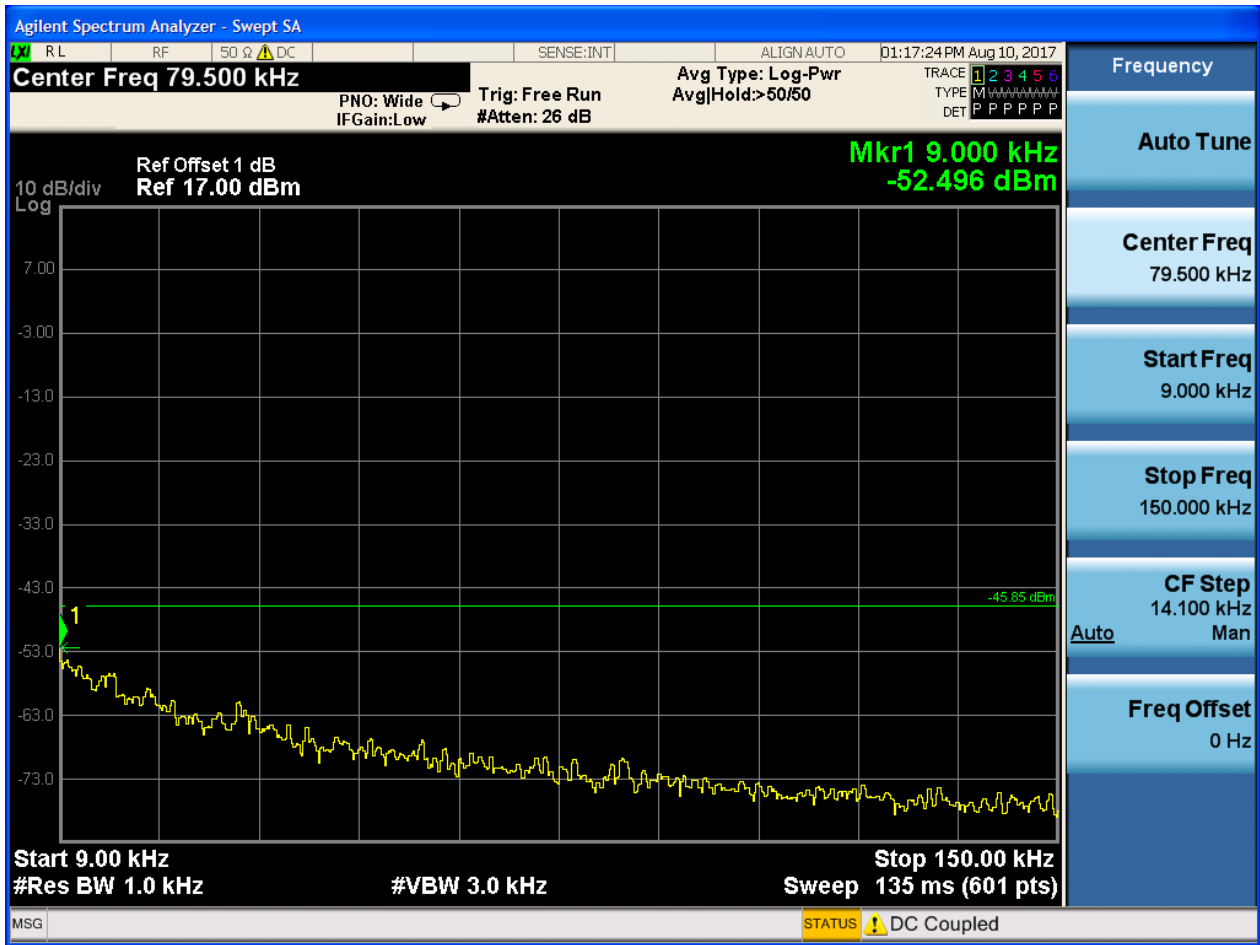
2.30 11G_CDD H@Ant 2

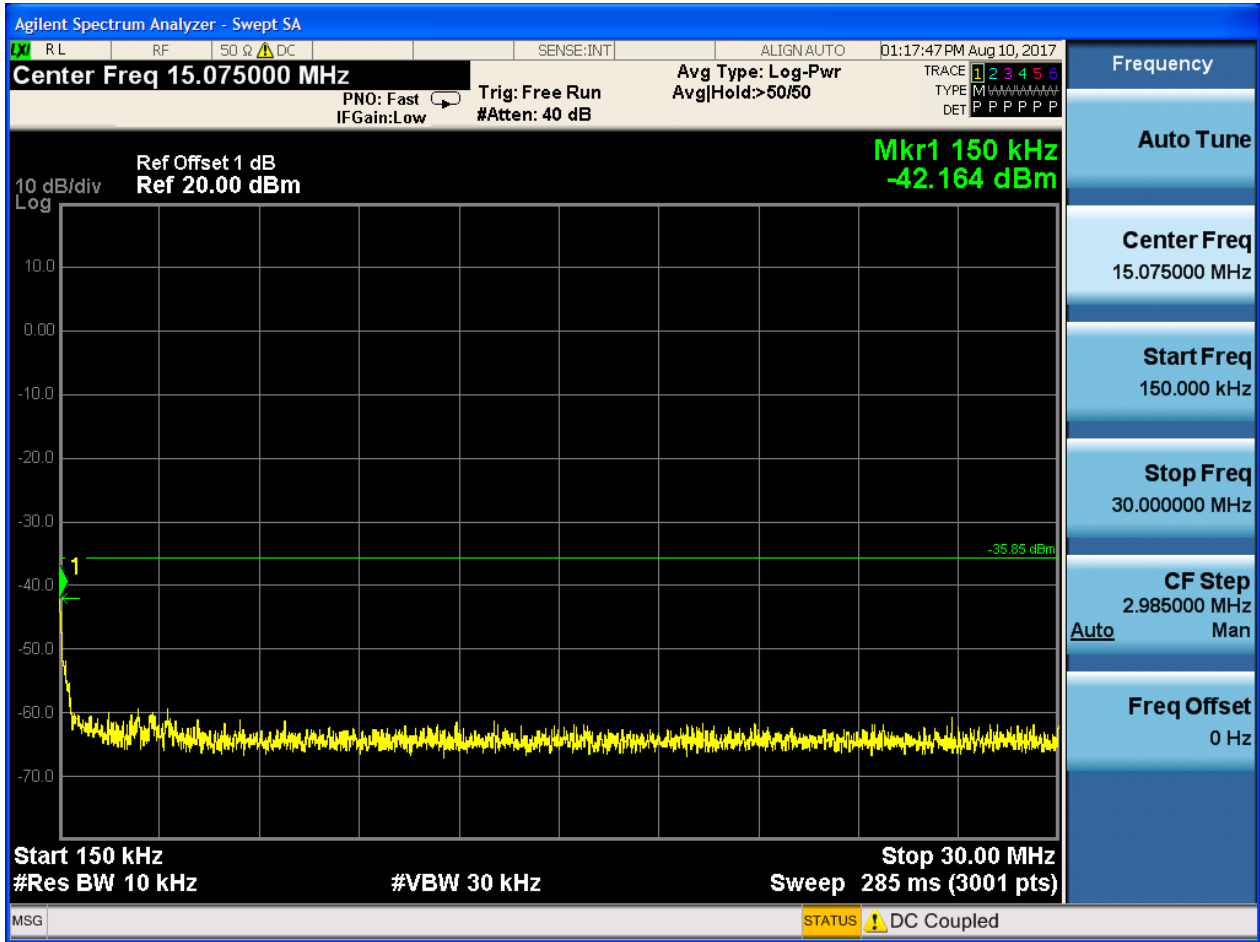
Pref:

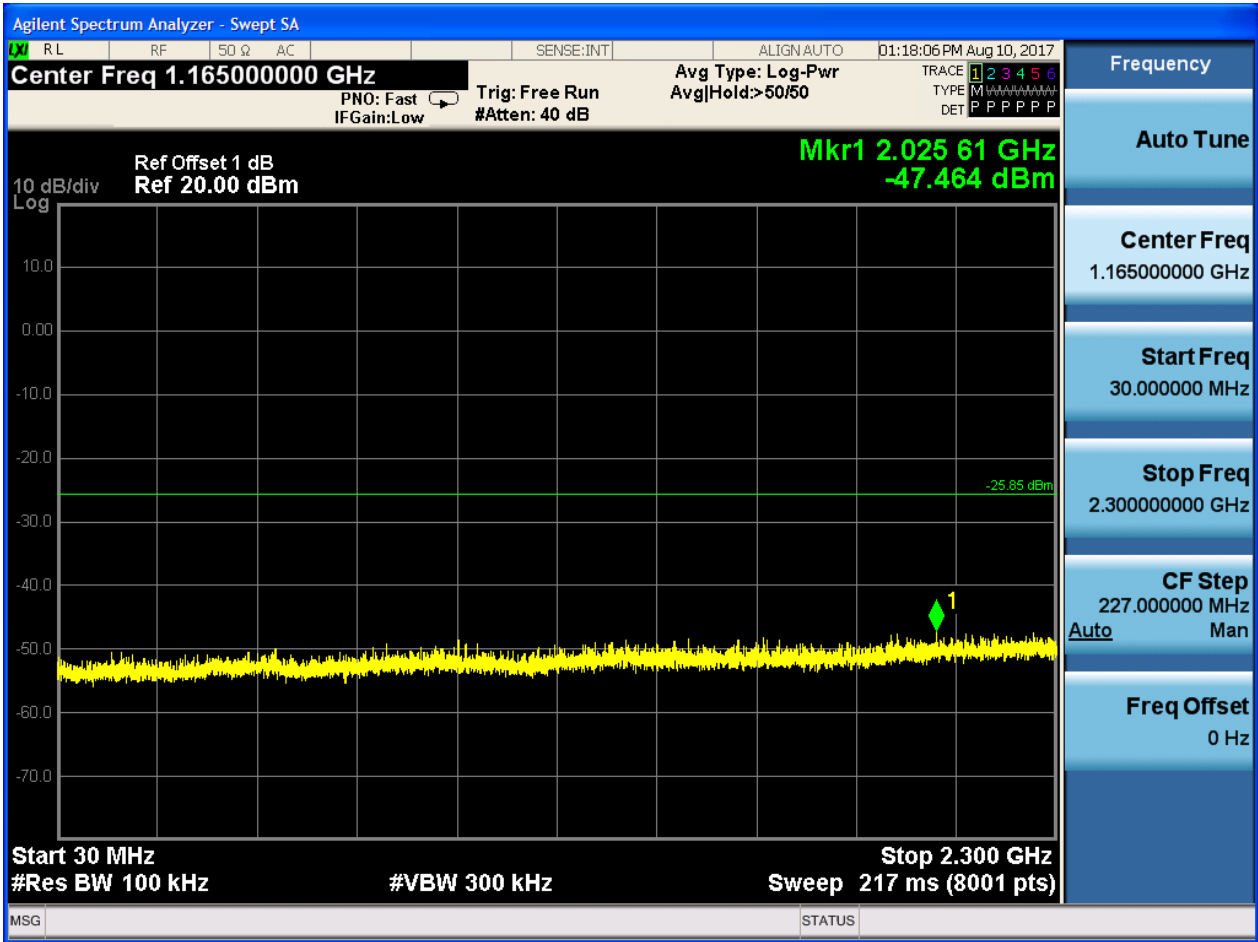


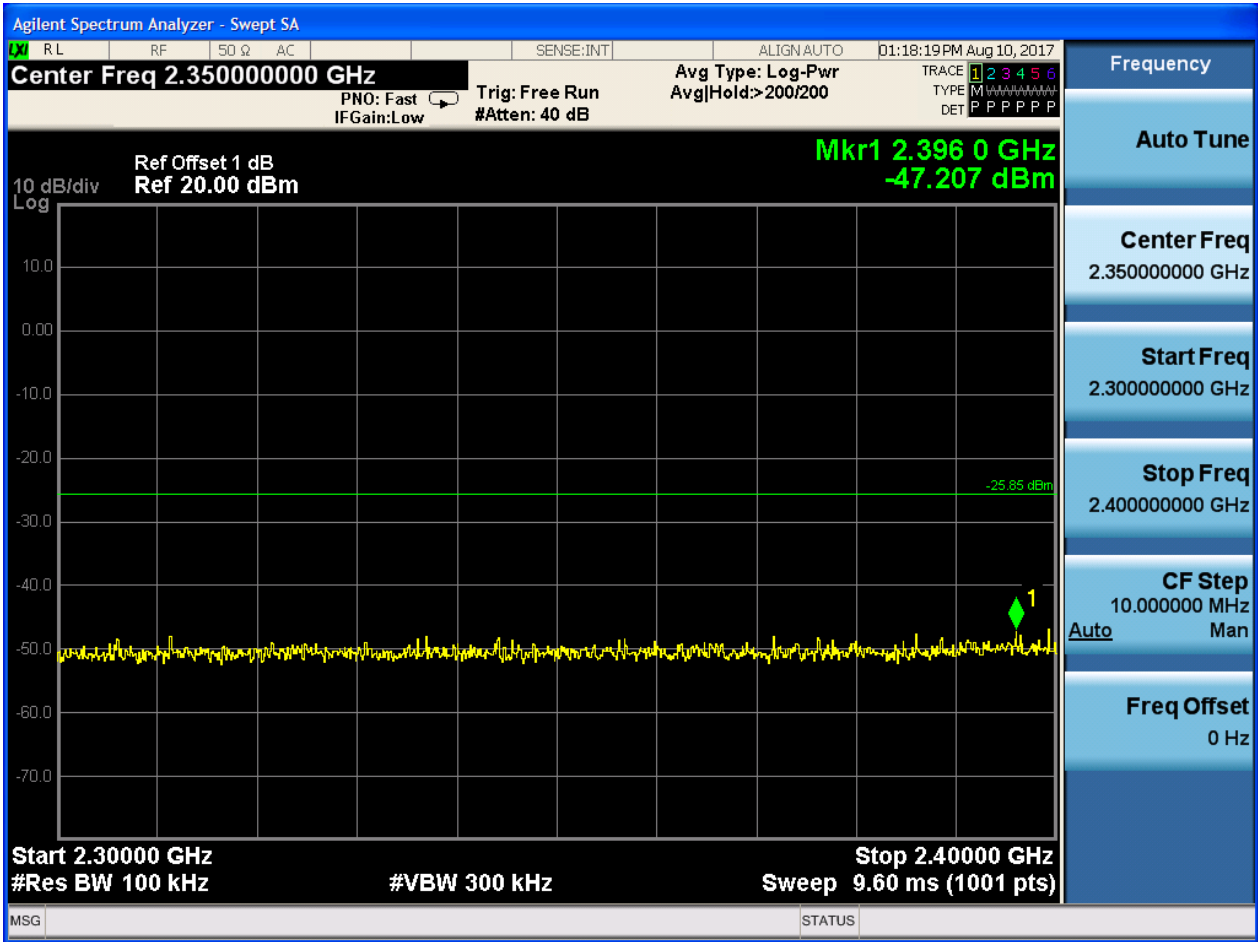


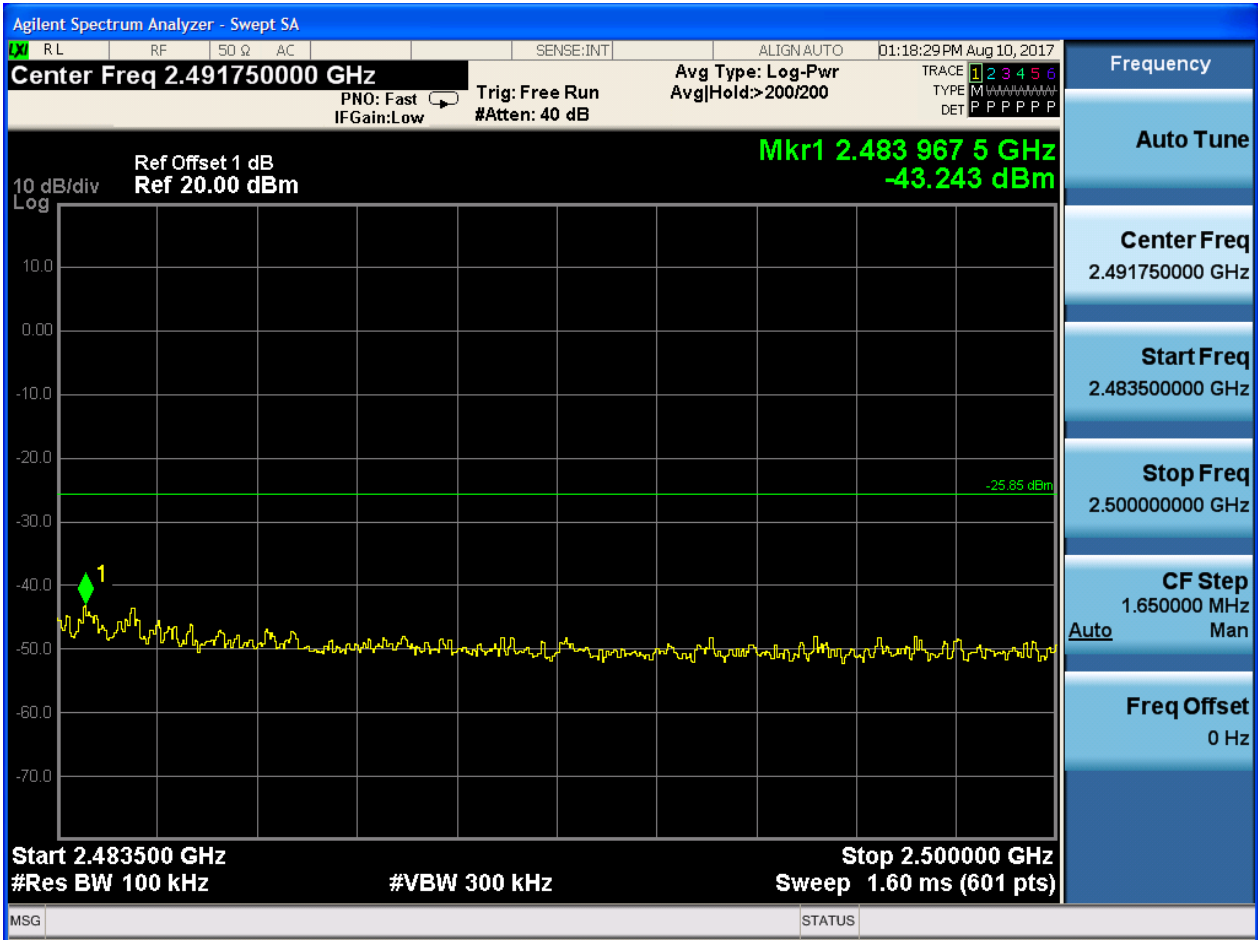
Puw:

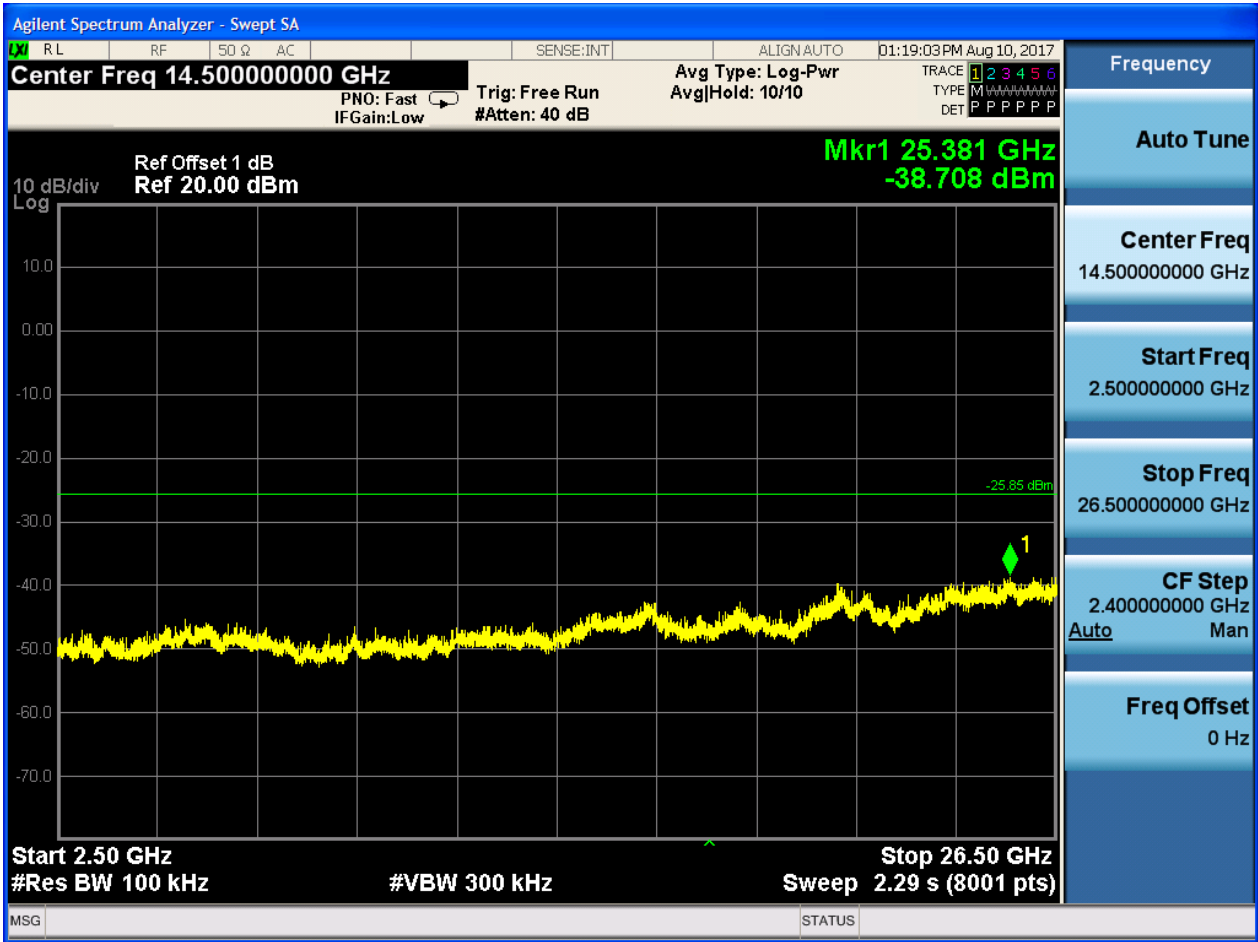












Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

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

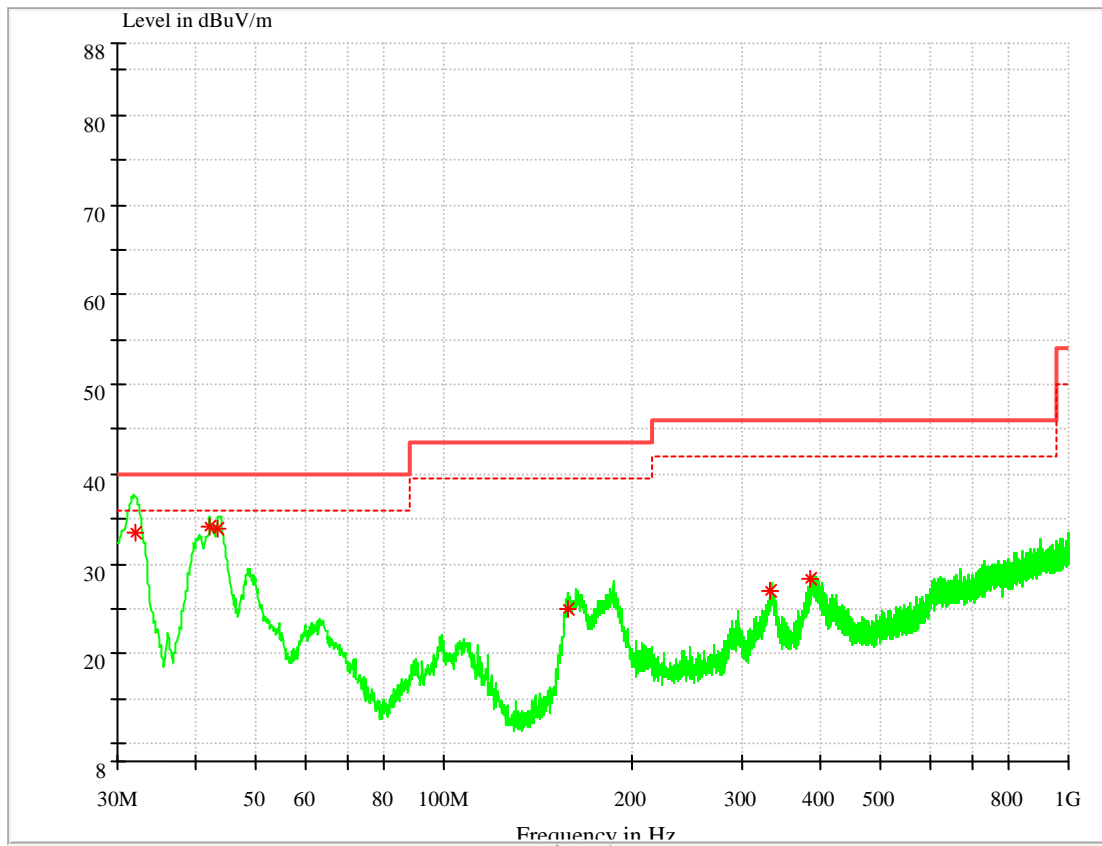
2.1 Part 1: Testing Range of “9 kHz to 30MHz”

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.

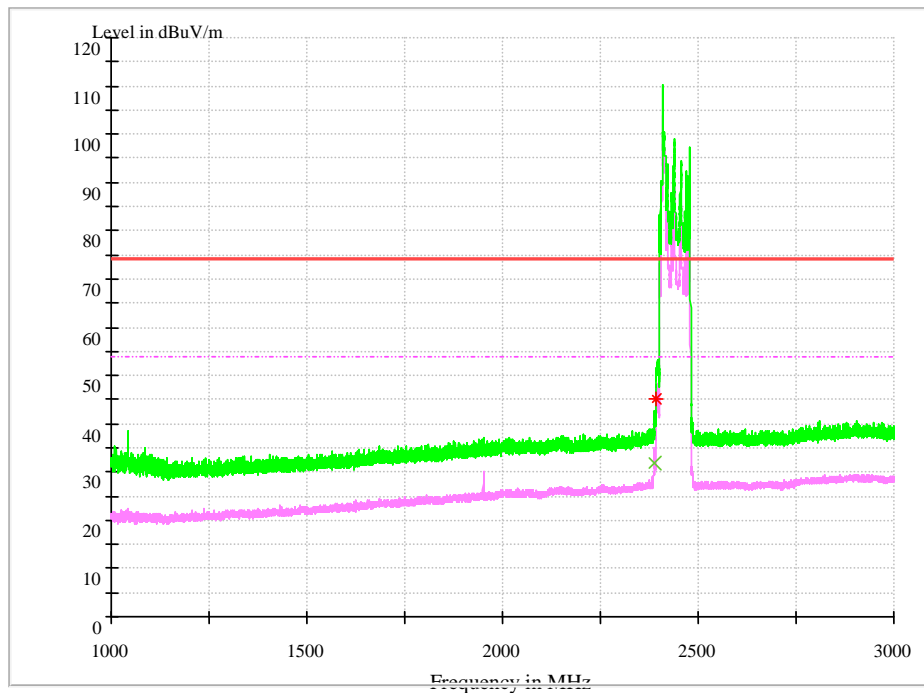
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

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 (dB μ V/m) | Limit (dB μ 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 (dB μ V/m) | Limit (dB μ 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 |

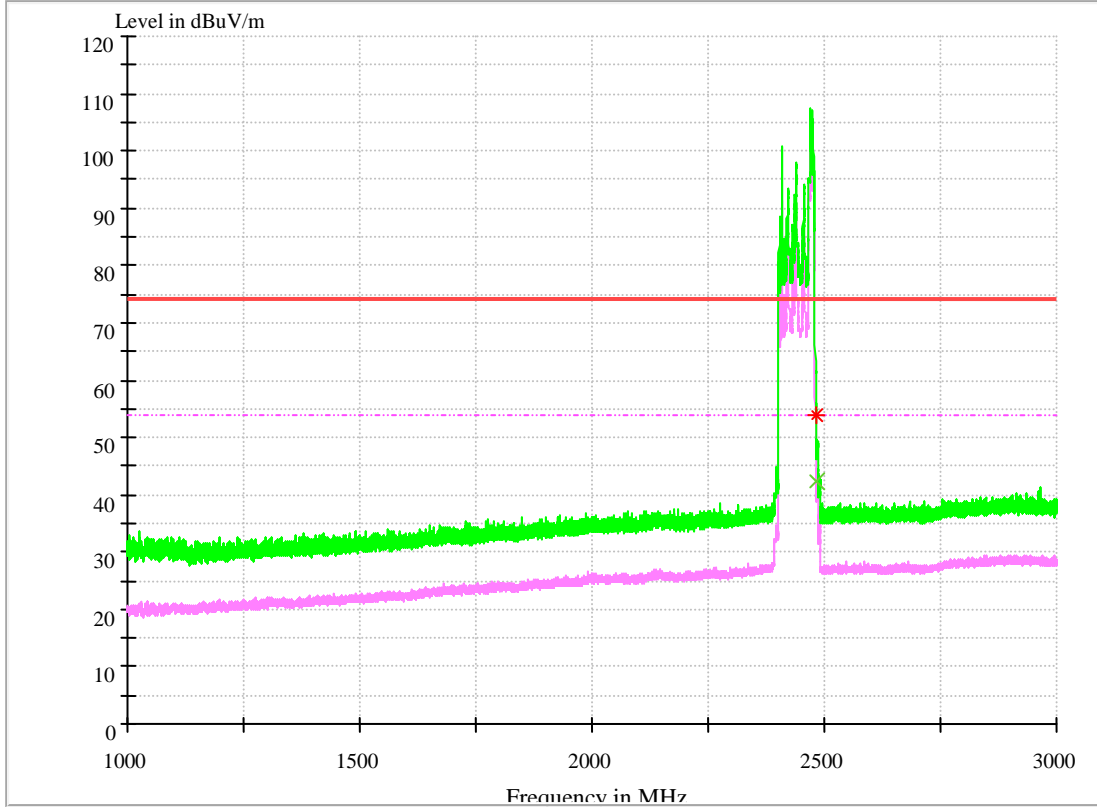
Note:

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 (dB μ V/m) | Limit (dB μ 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 (dB μ V/m) | Limit (dB μ 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:

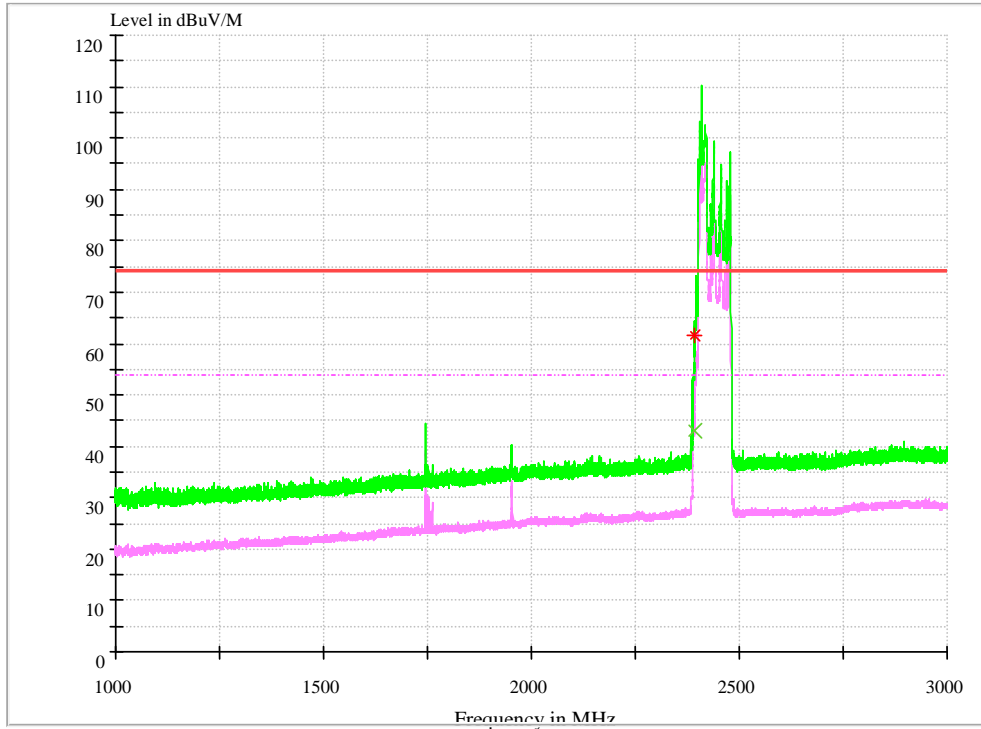
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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 (dB μ V/m) | Limit (dB μ V/m) | Margin (dB) | Height (cm) | Pol | Azimuth h | Transd. (dB) |
|-----------------|----------------------|----------------------|-------------|-------------|-----|-----------|--------------|
| 2390 | 43.00 | 54.00 | 11.00 | 100.0 | H | 82.0 | -8.6 |

MEASUREMENT RESULT: PK Detector

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

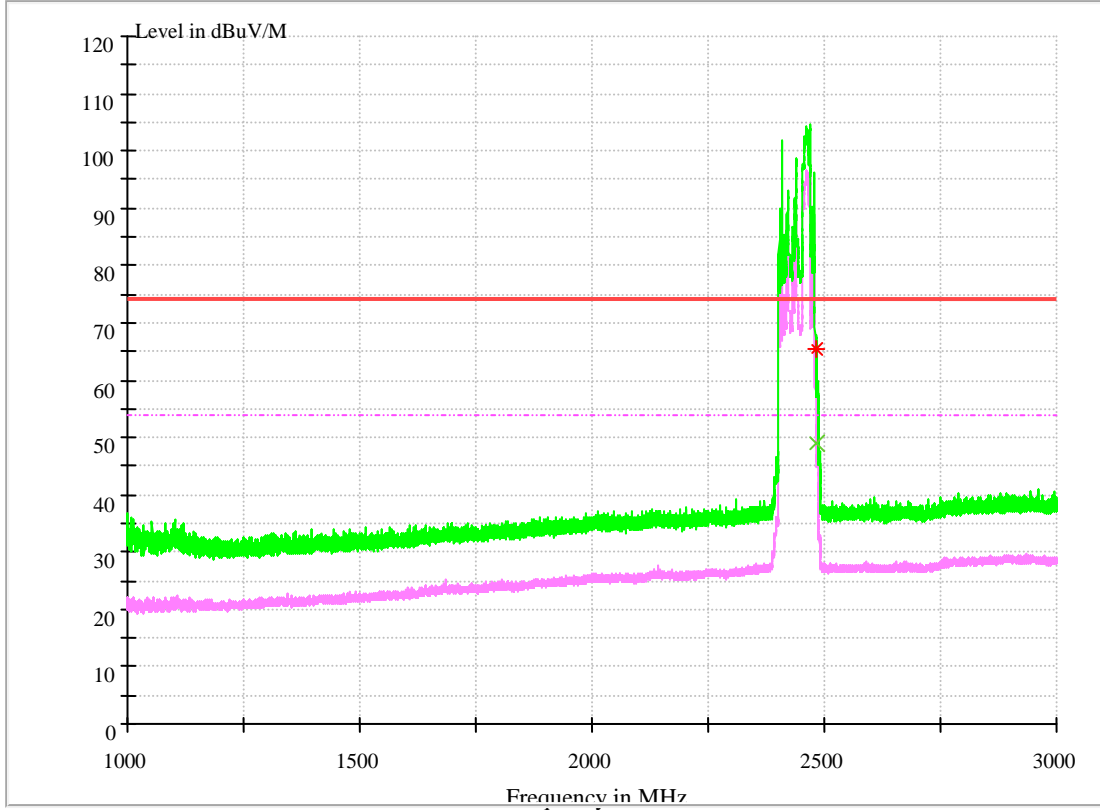
Note:

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 (dB μ V/m) | Limit (dB μ 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 (dB μ V/m) | Limit (dB μ 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:

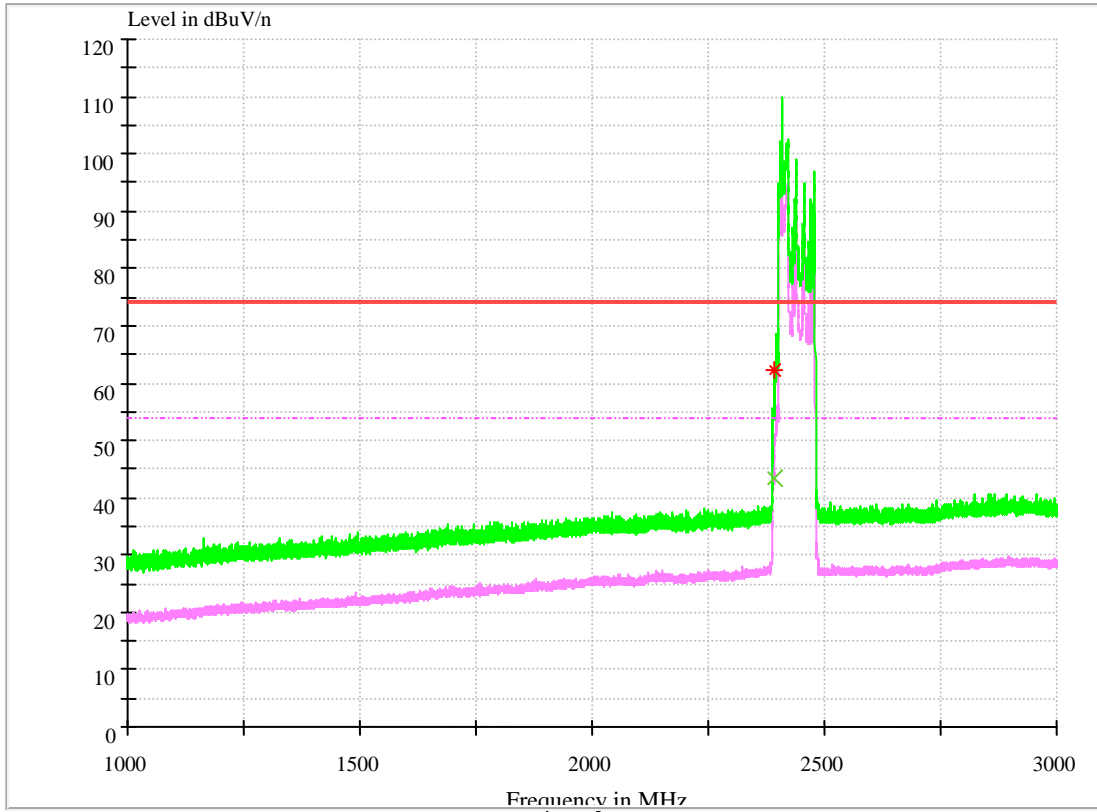
1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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 |

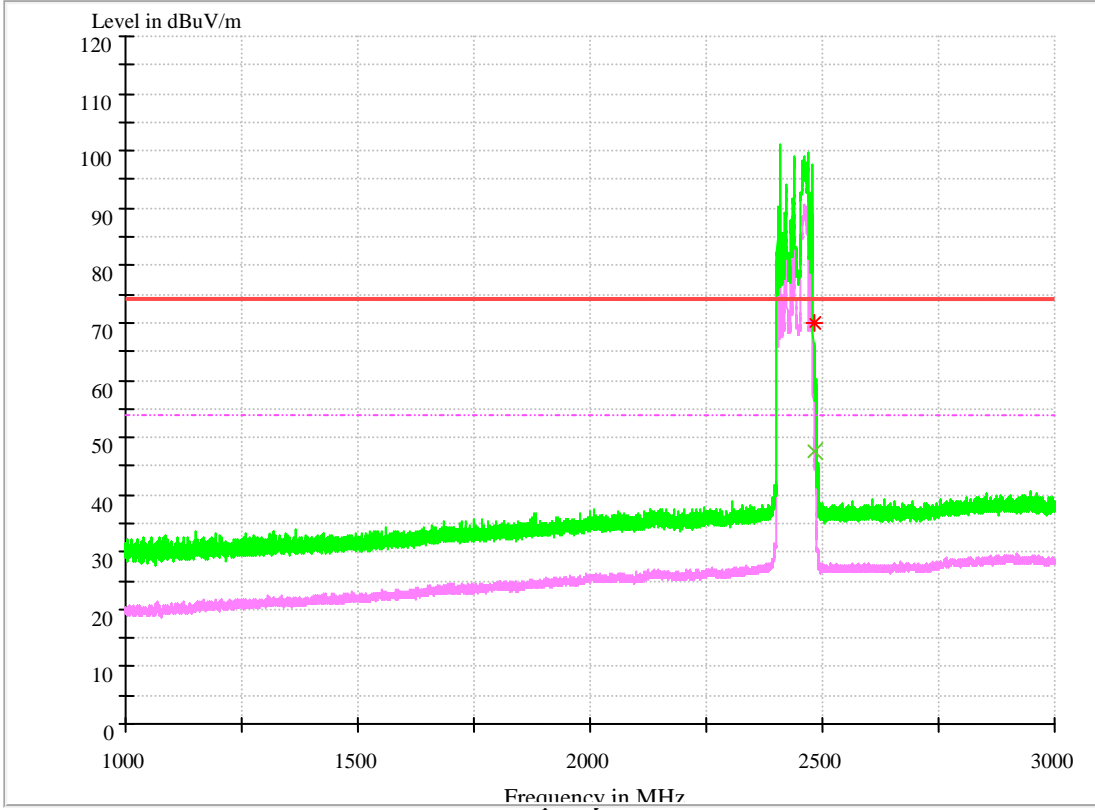
Note:

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 (dB μ V/m) | Limit (dB μ 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 (dB μ V/m) | Limit (dB μ 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:

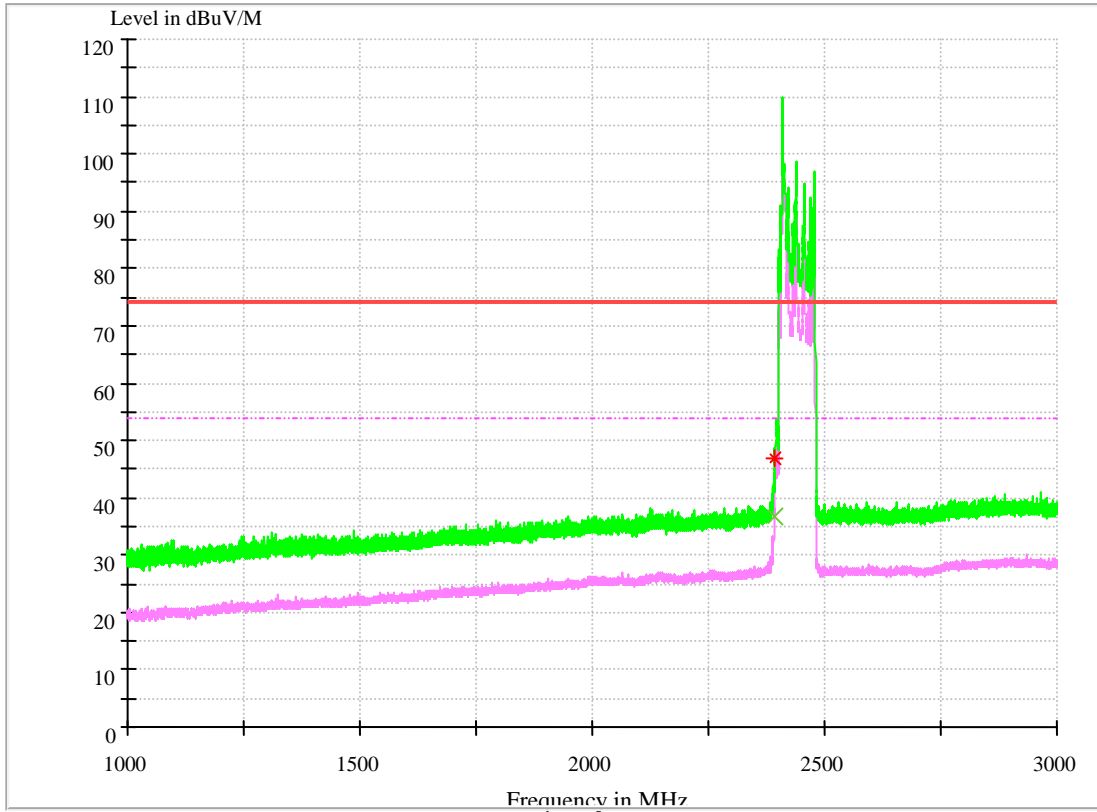
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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 h | 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 h (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