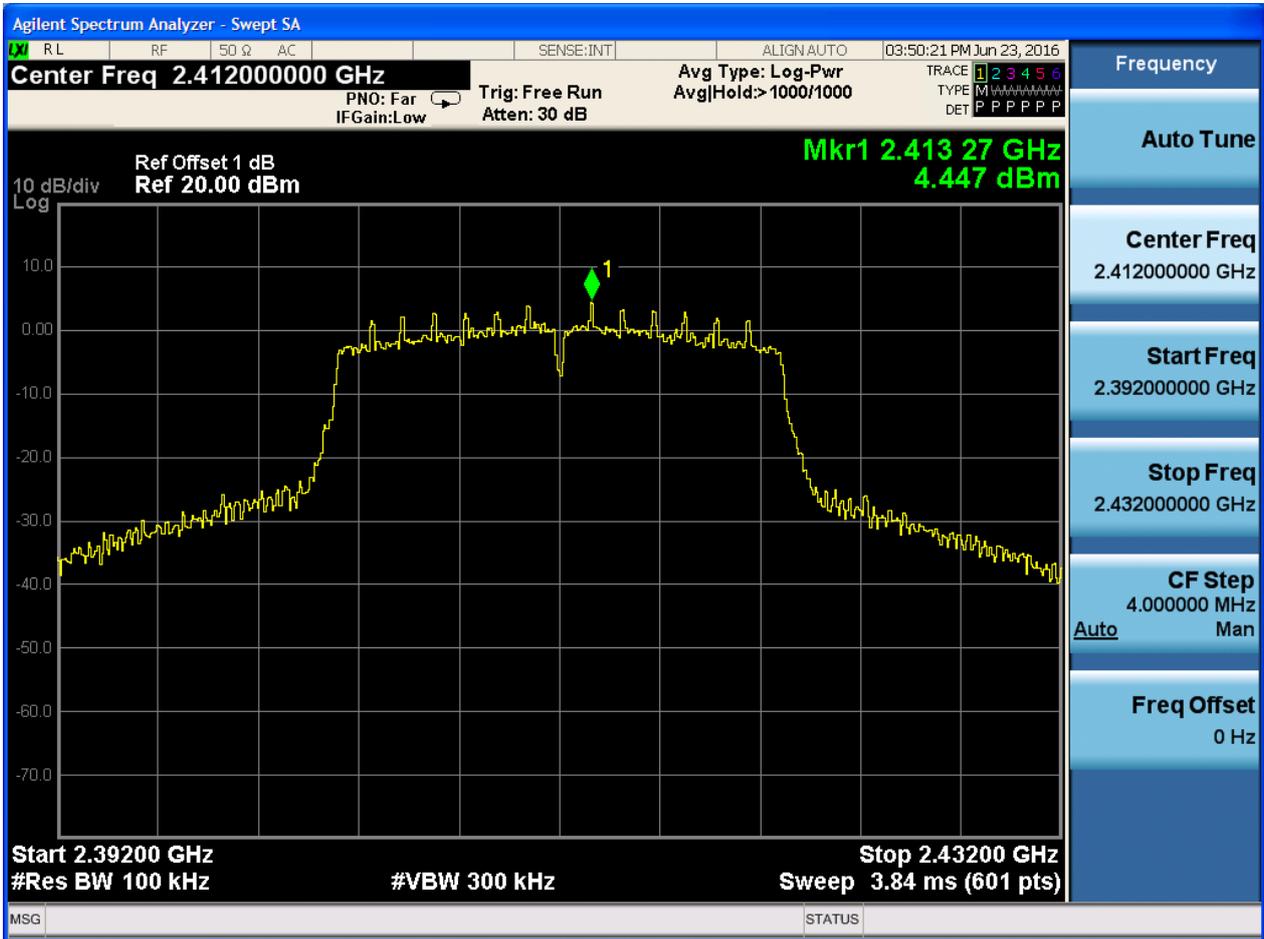




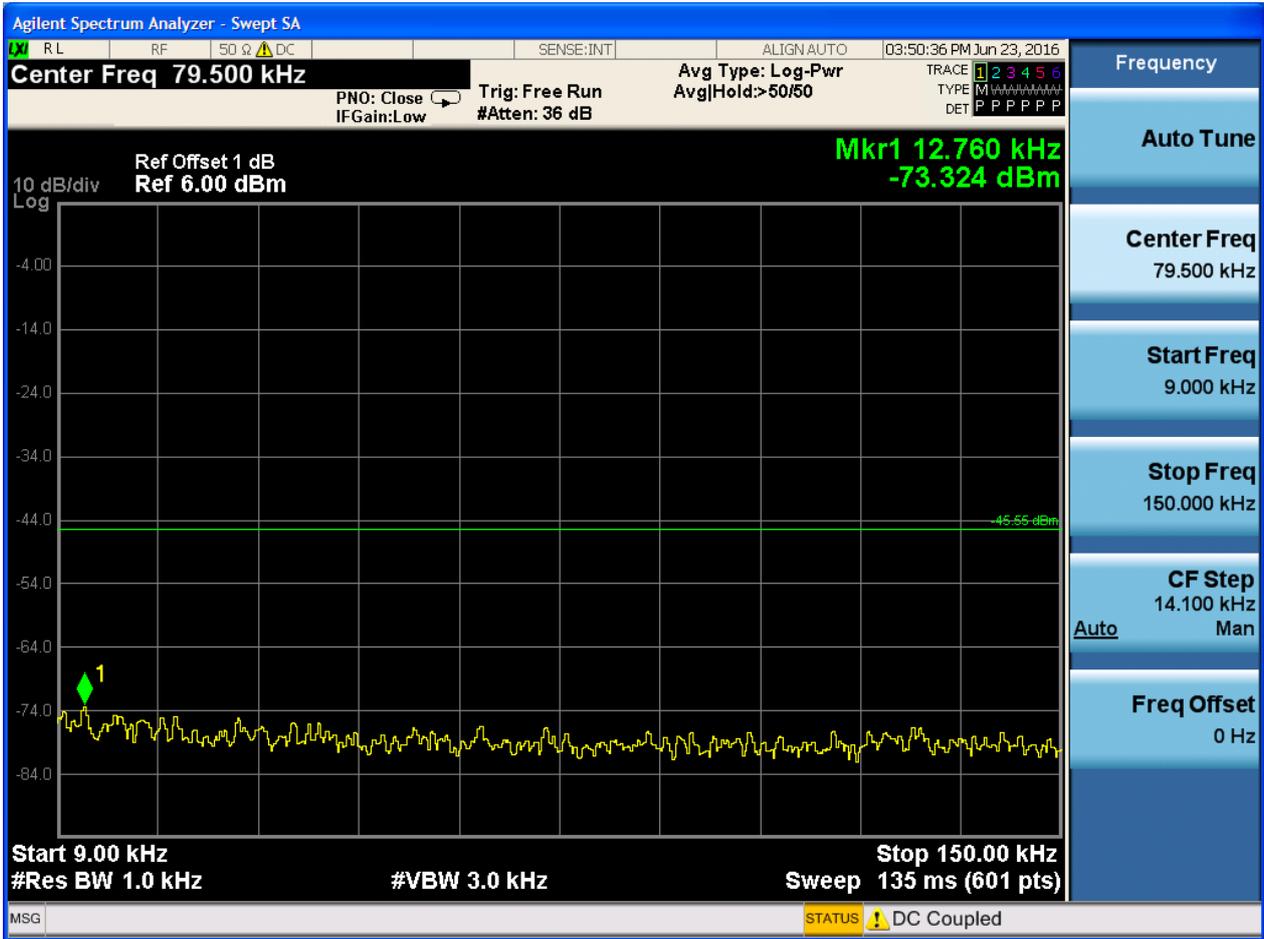
2.7 11N20_L@Ant 1

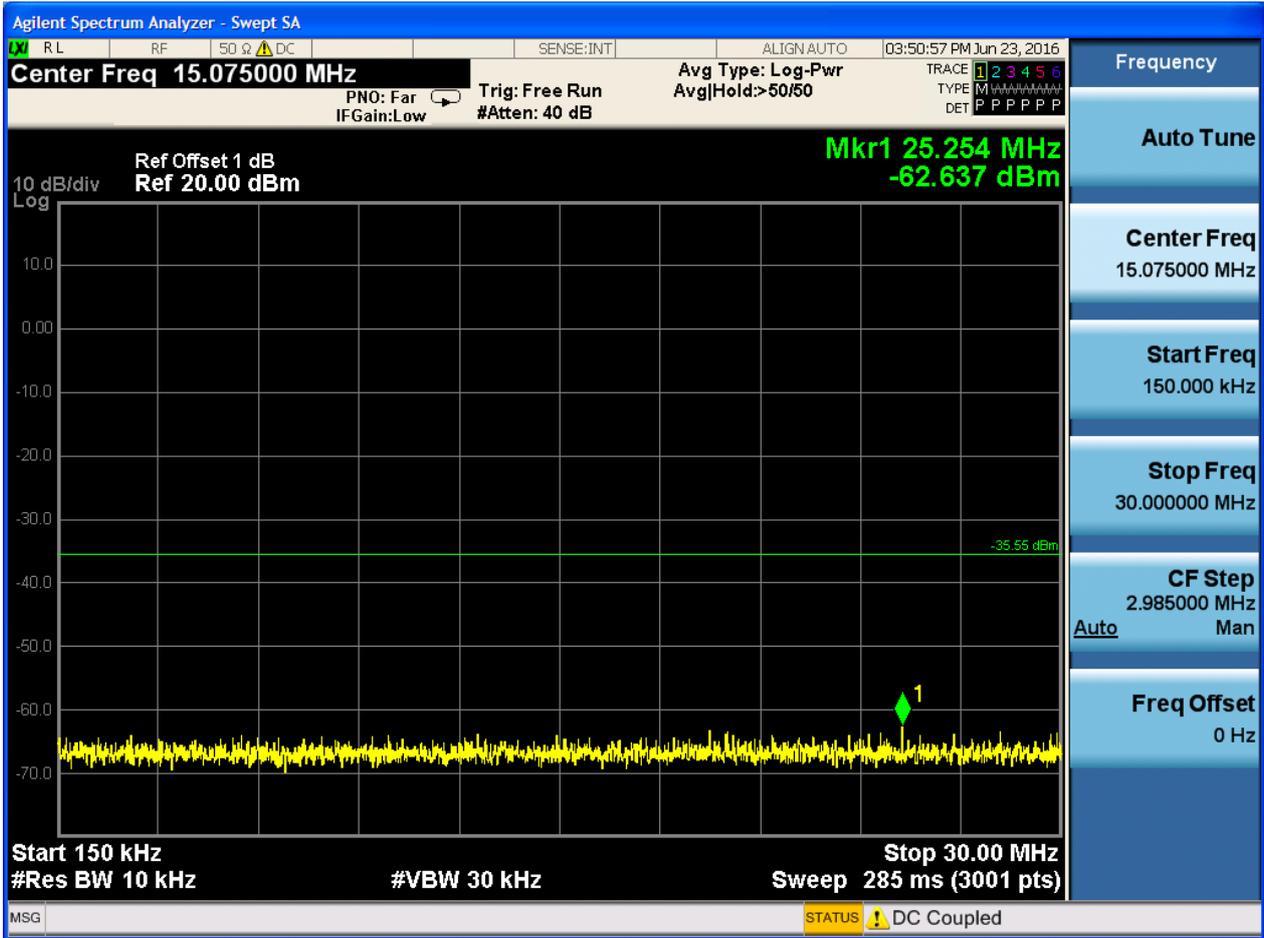
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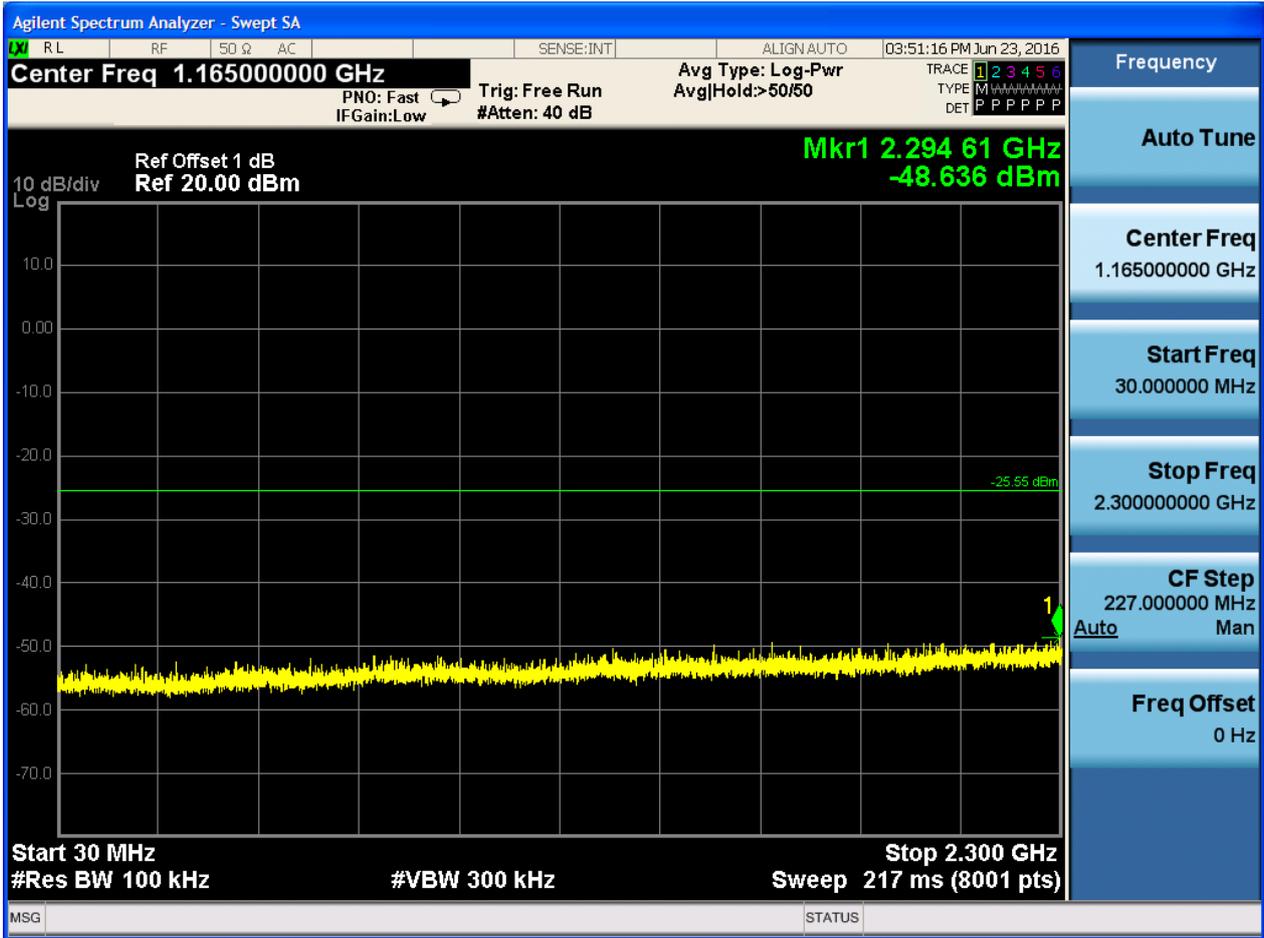


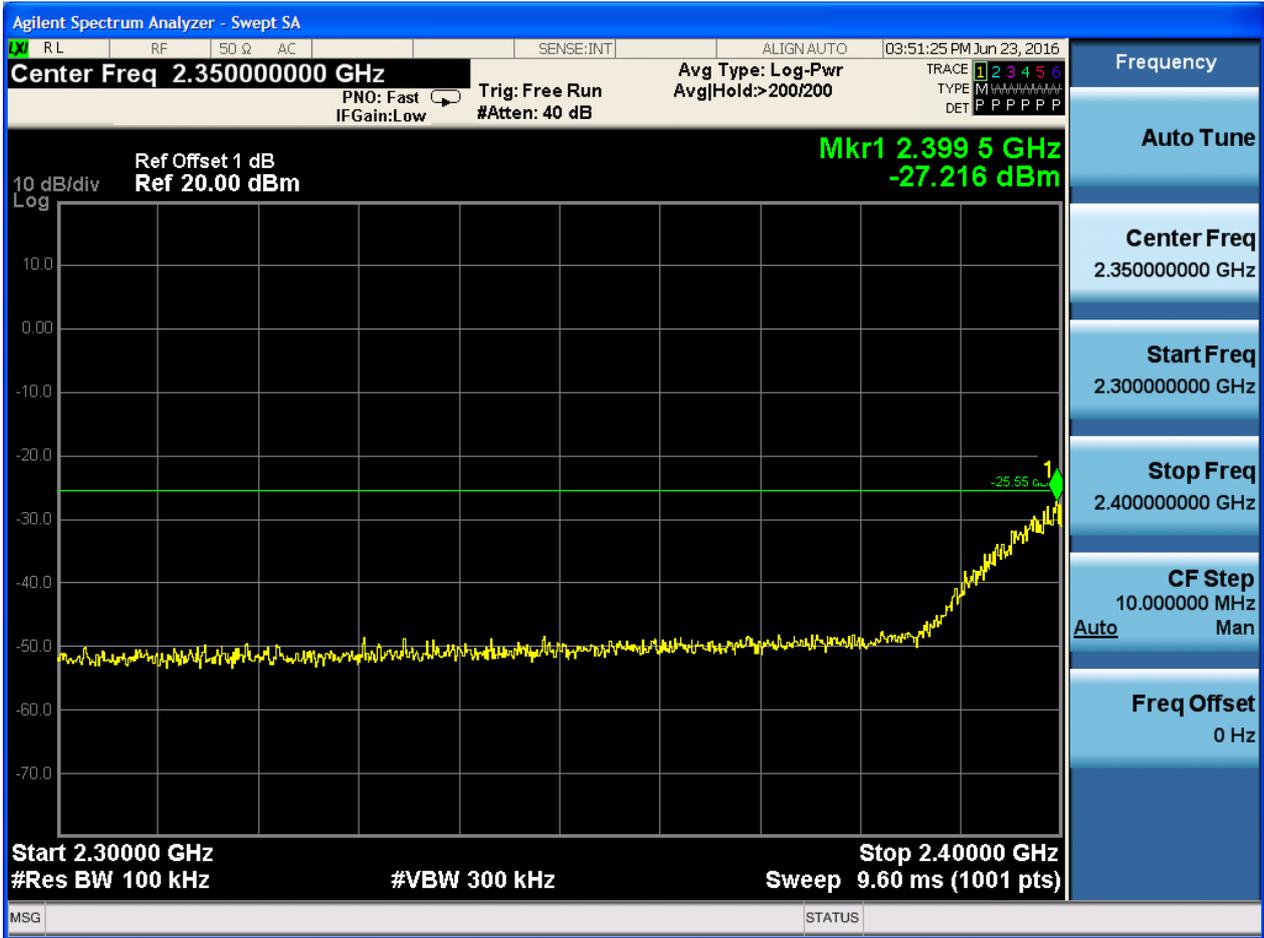


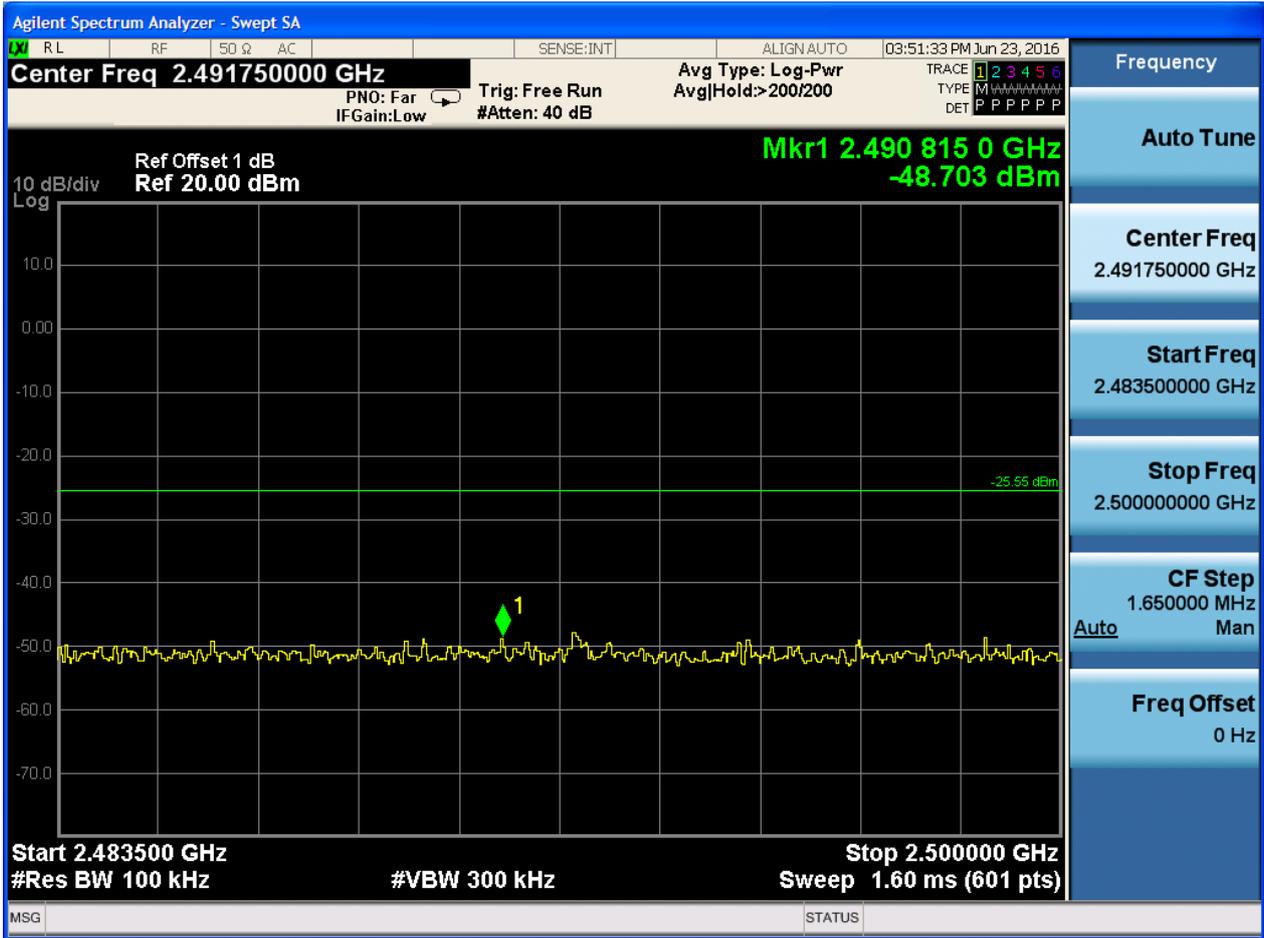
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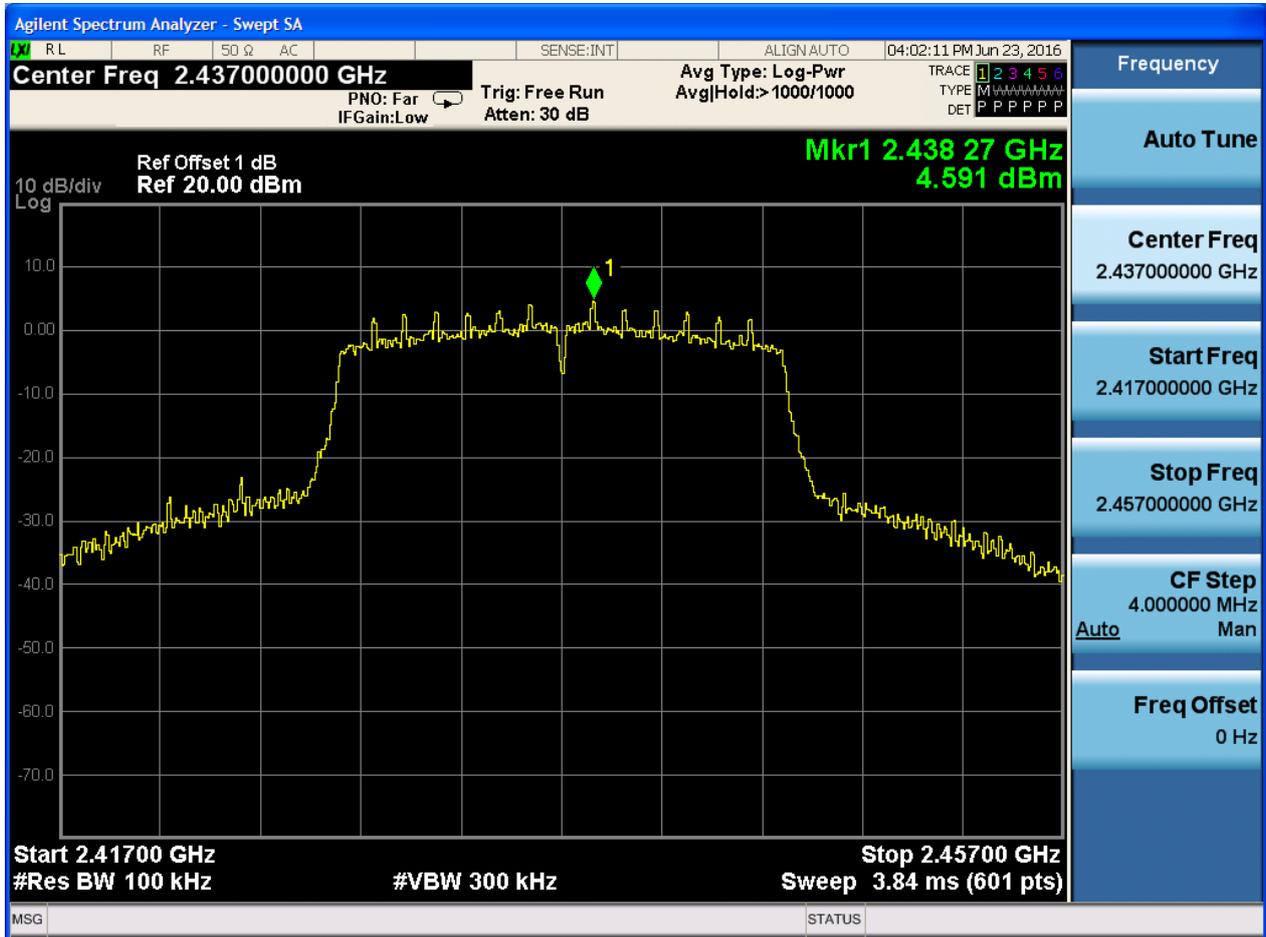






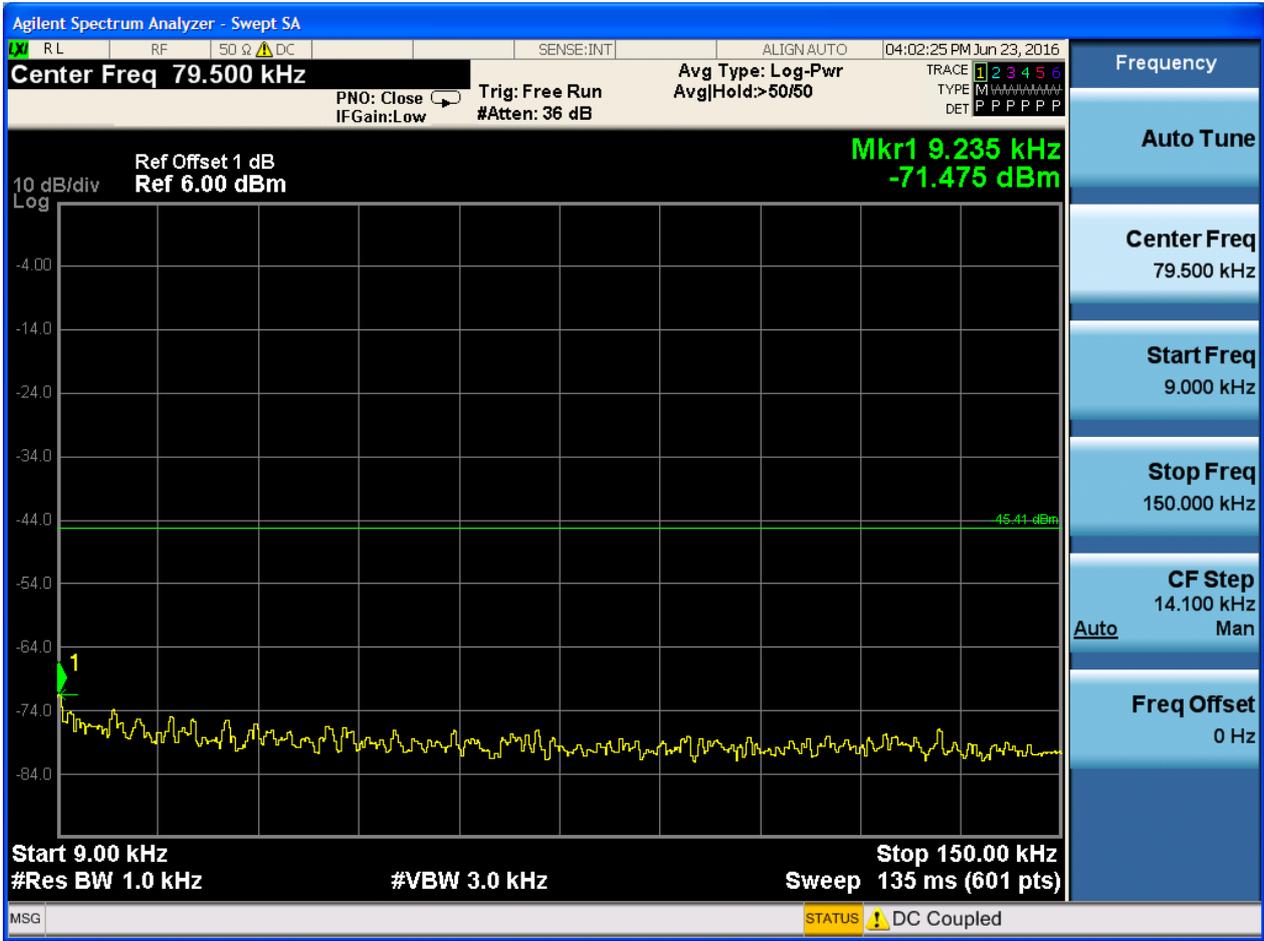
2.8 11N20_M@Ant 1

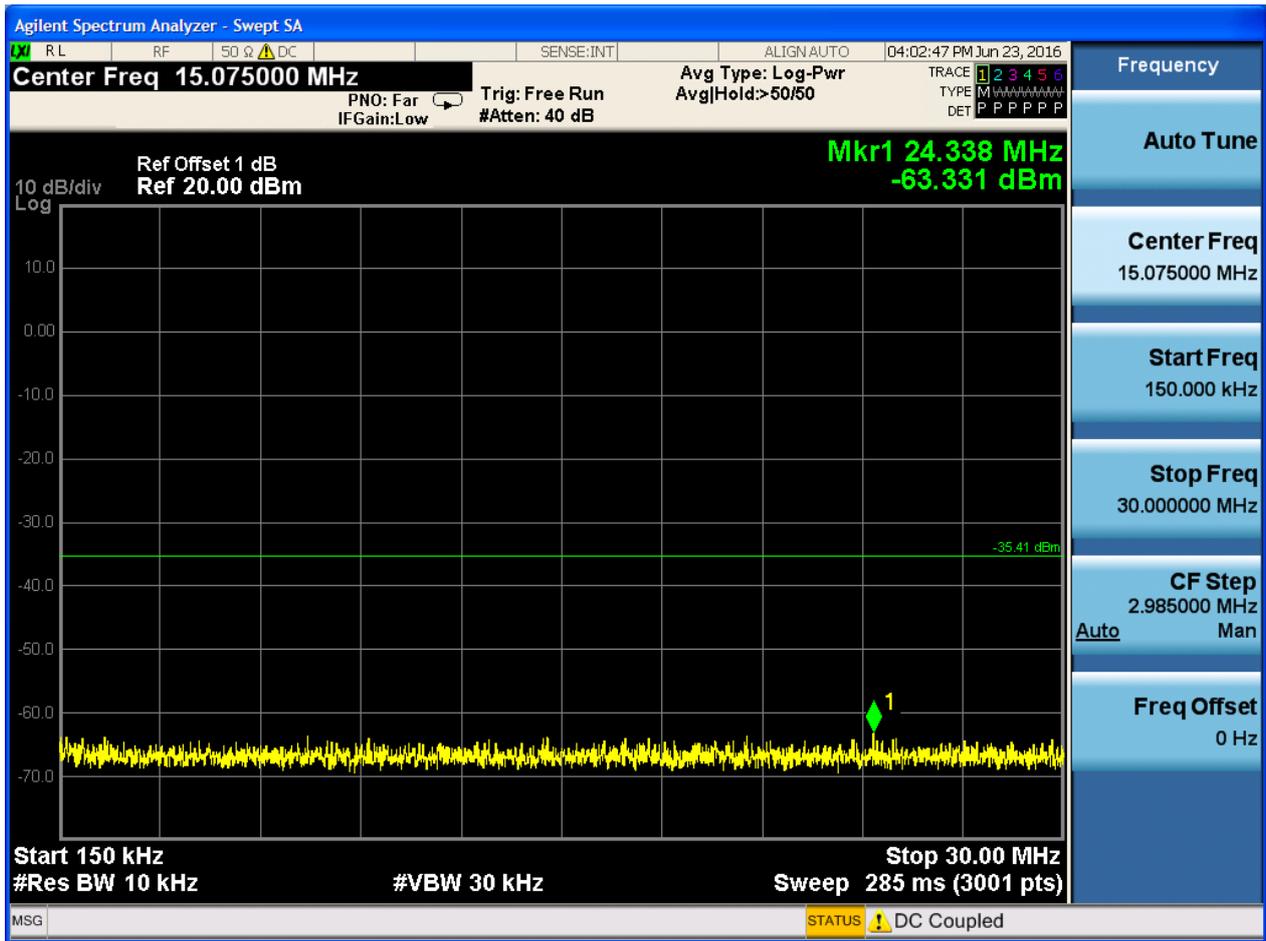
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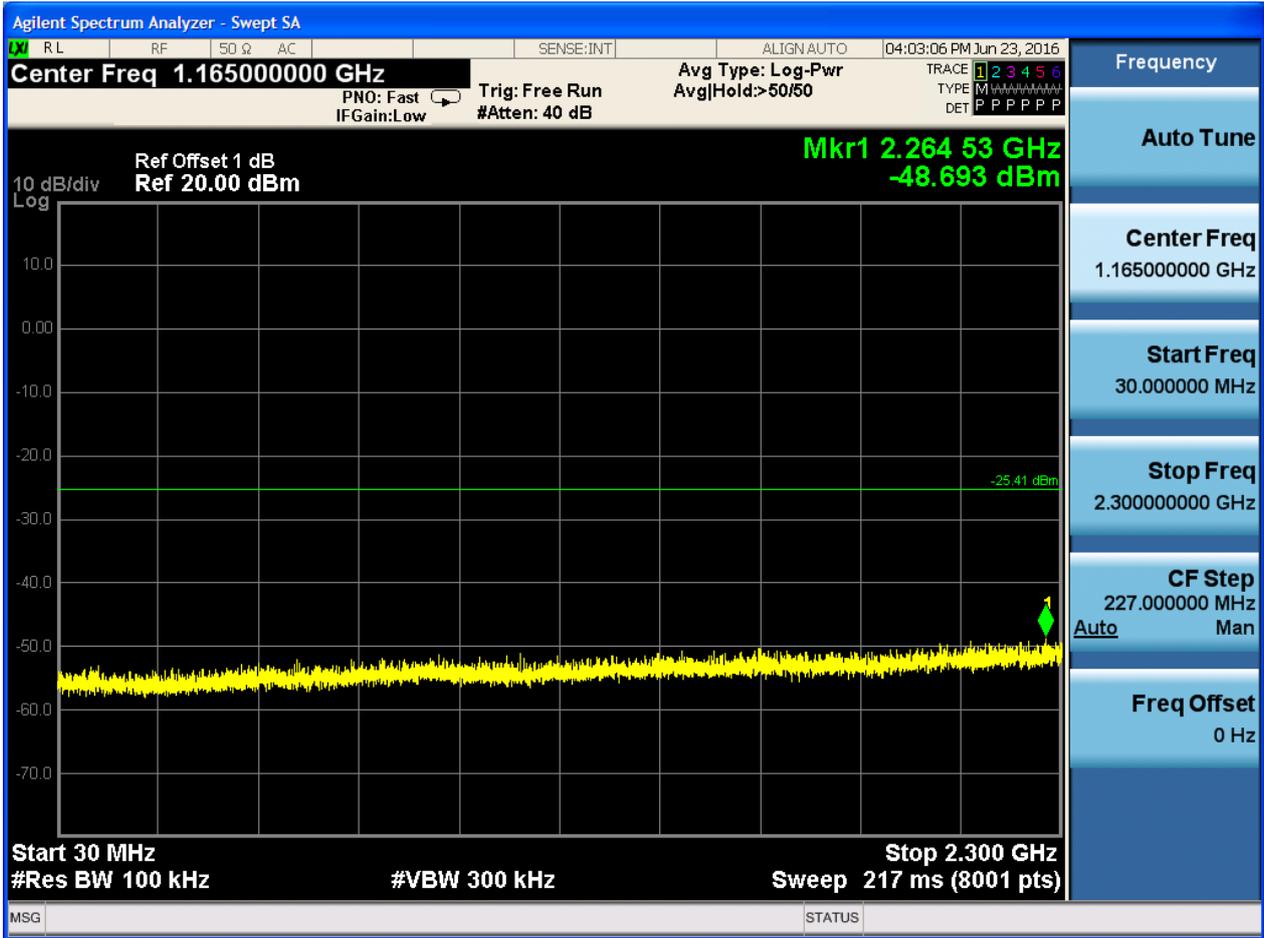


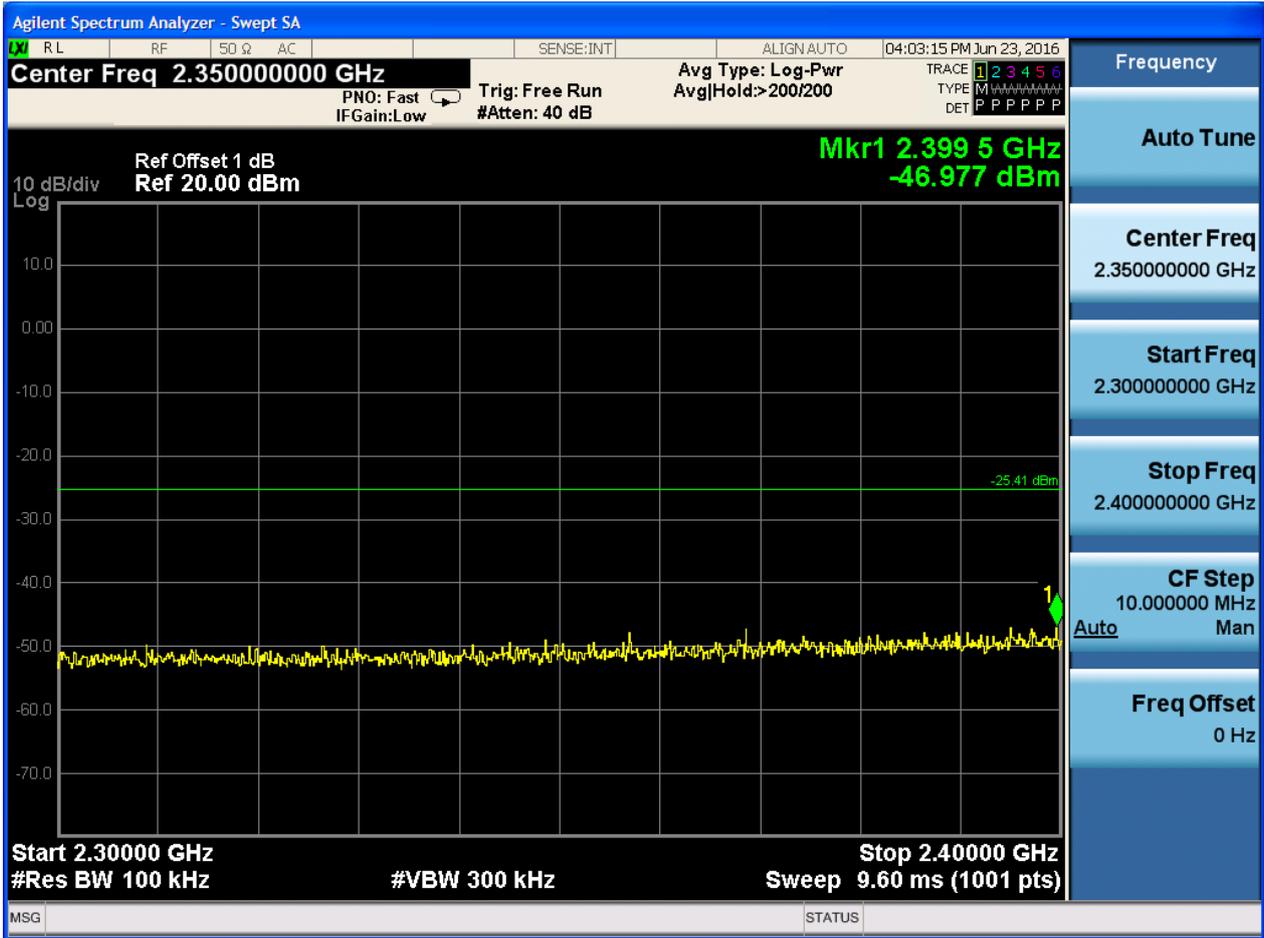


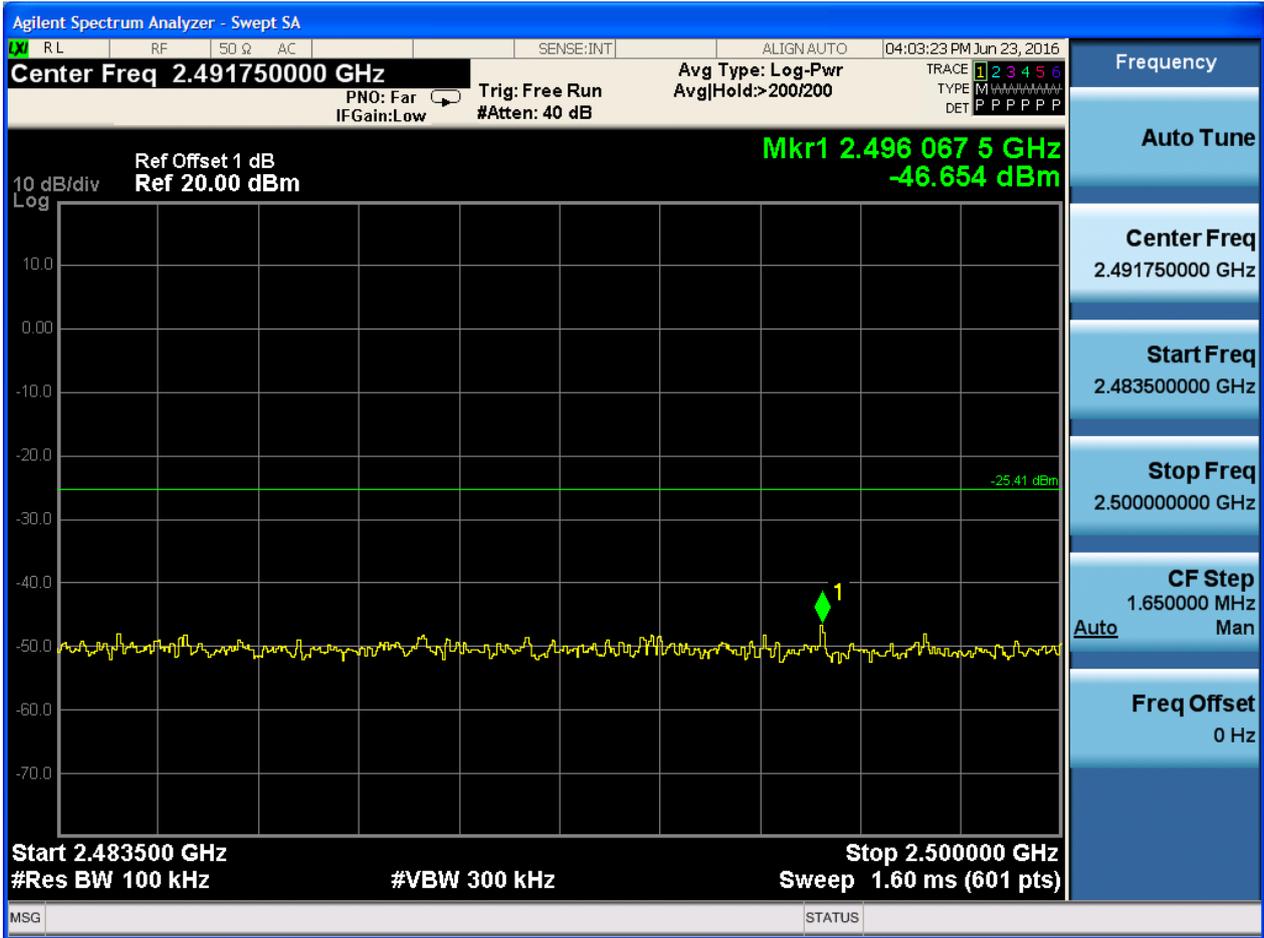
P_uw:

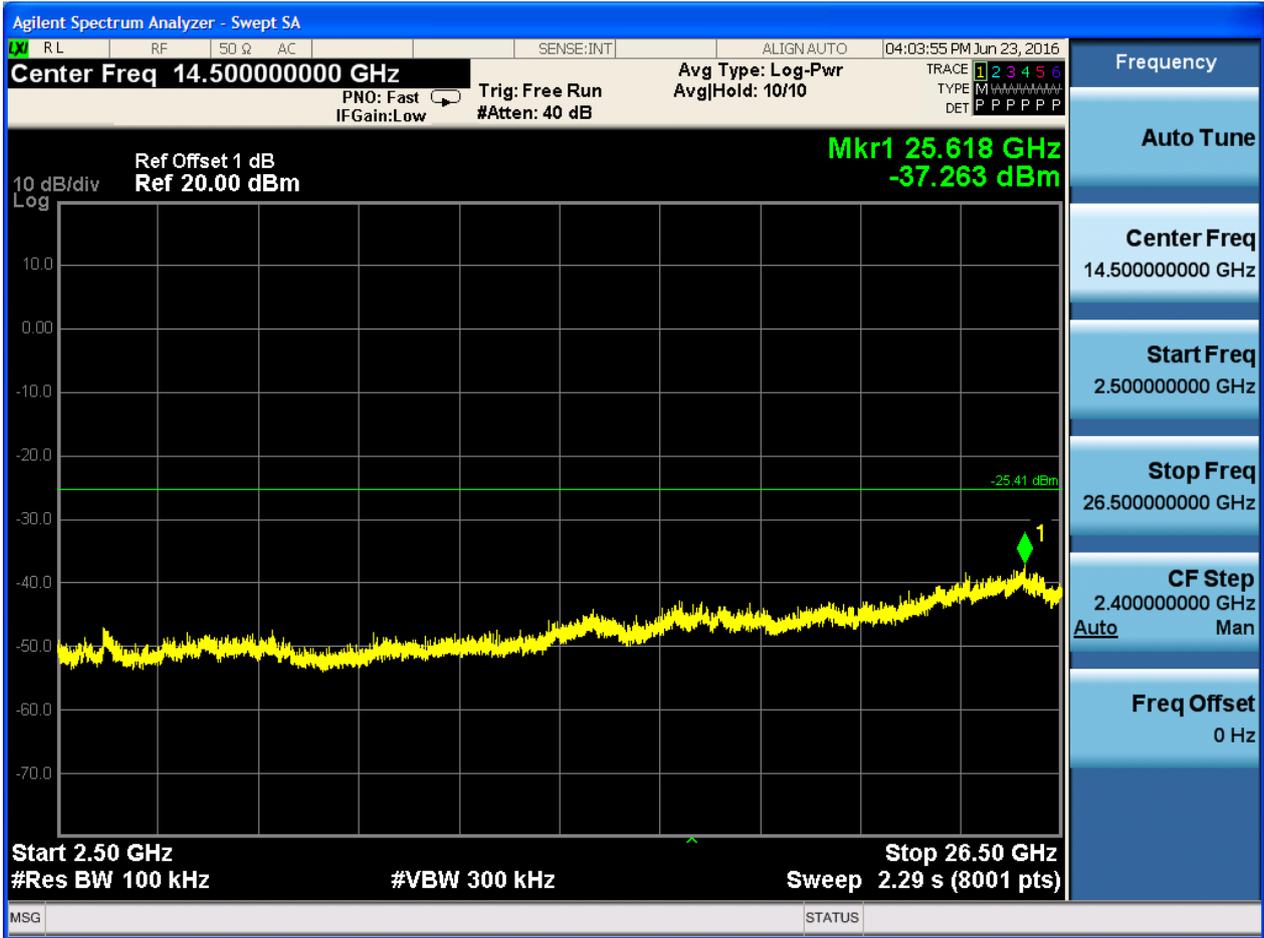








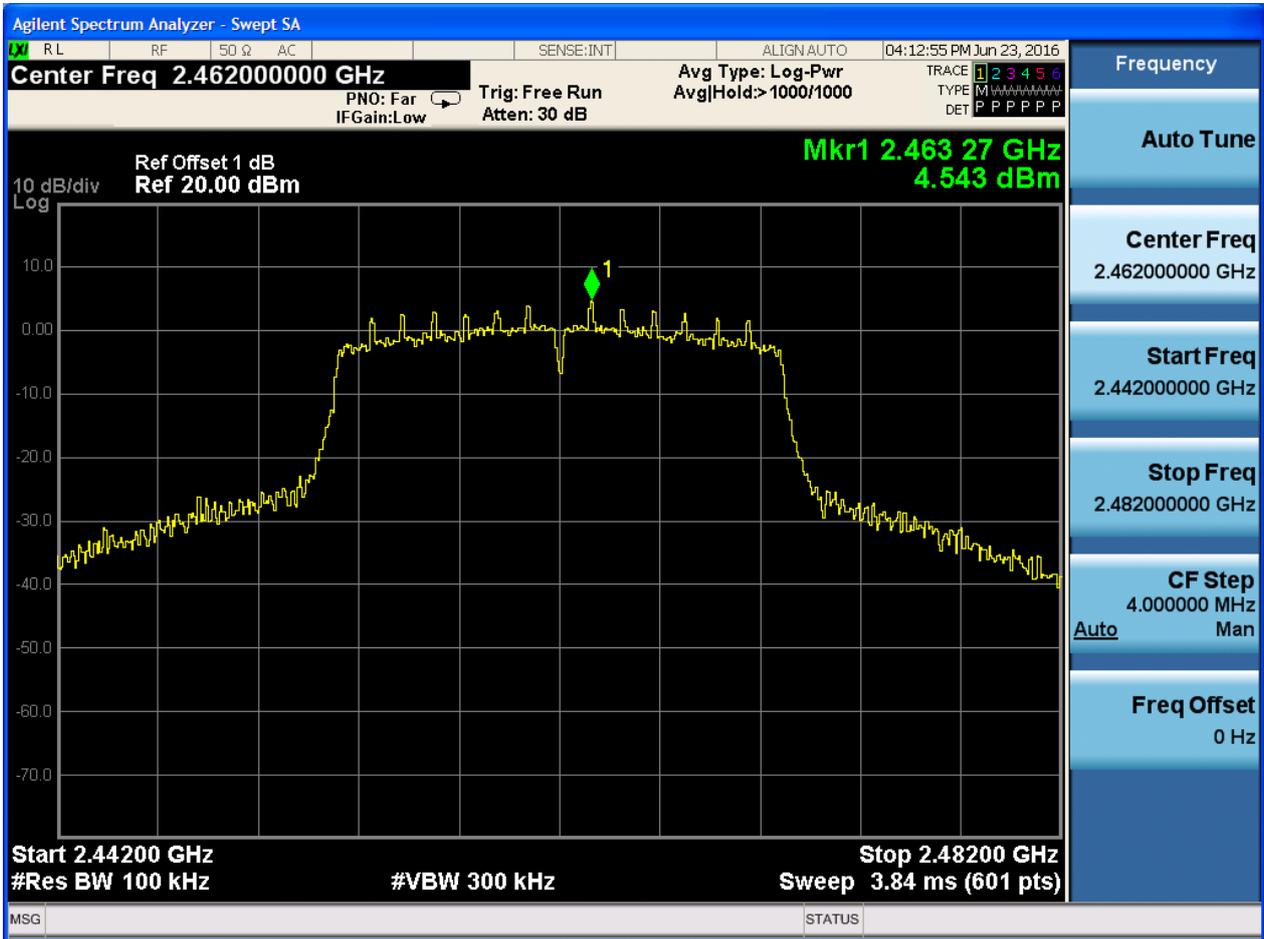






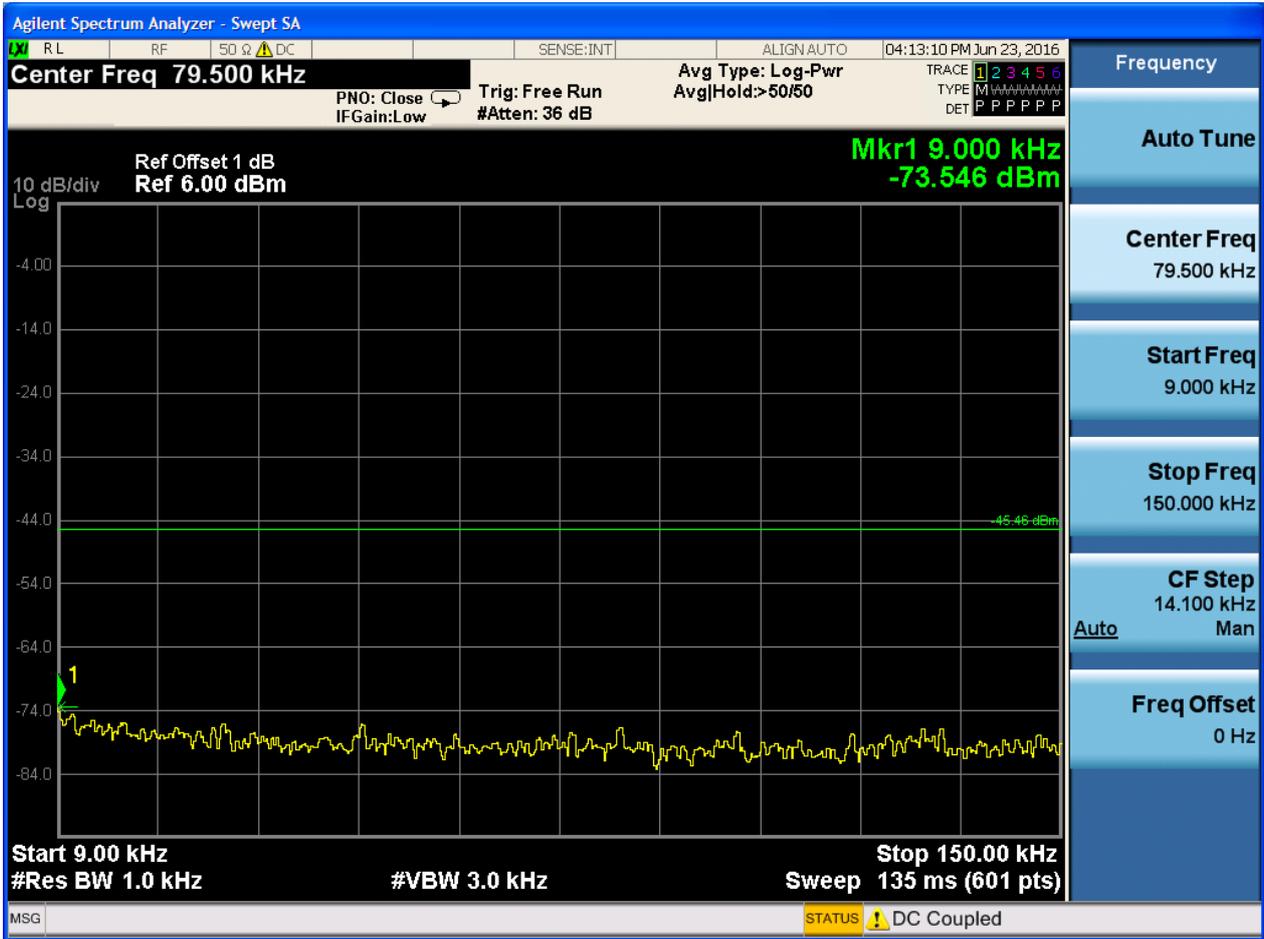
2.9 11N20_H@Ant 1

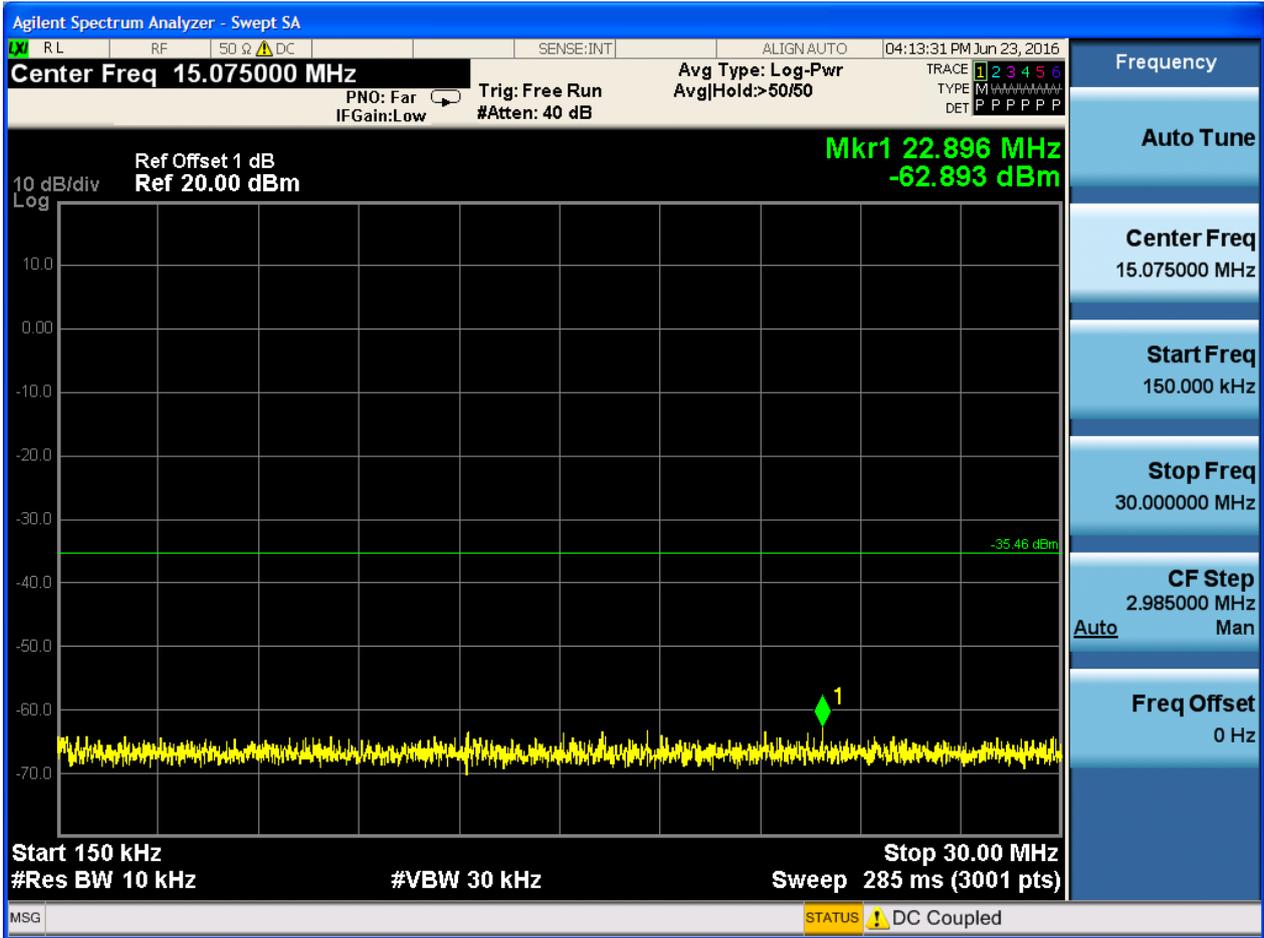
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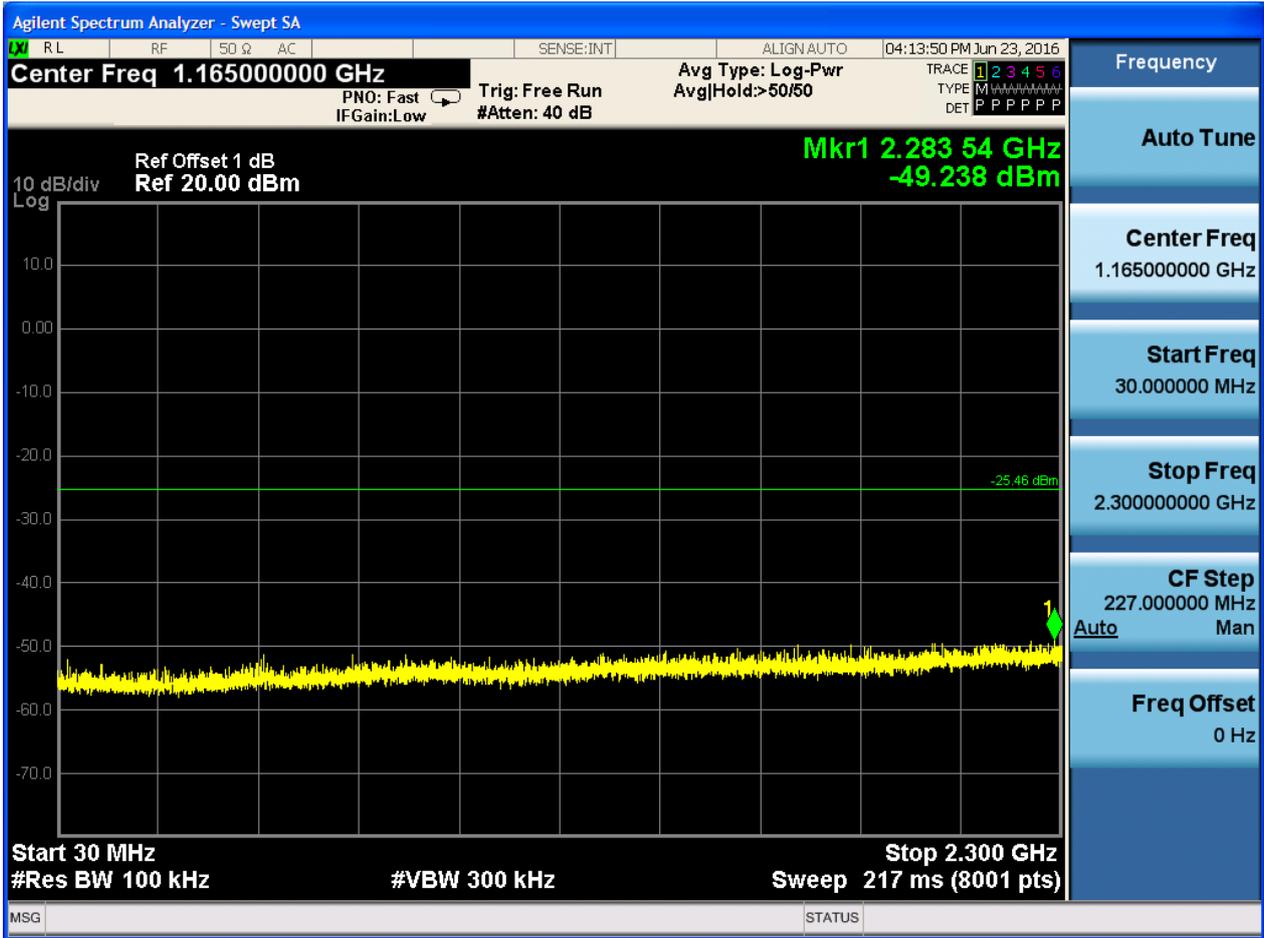


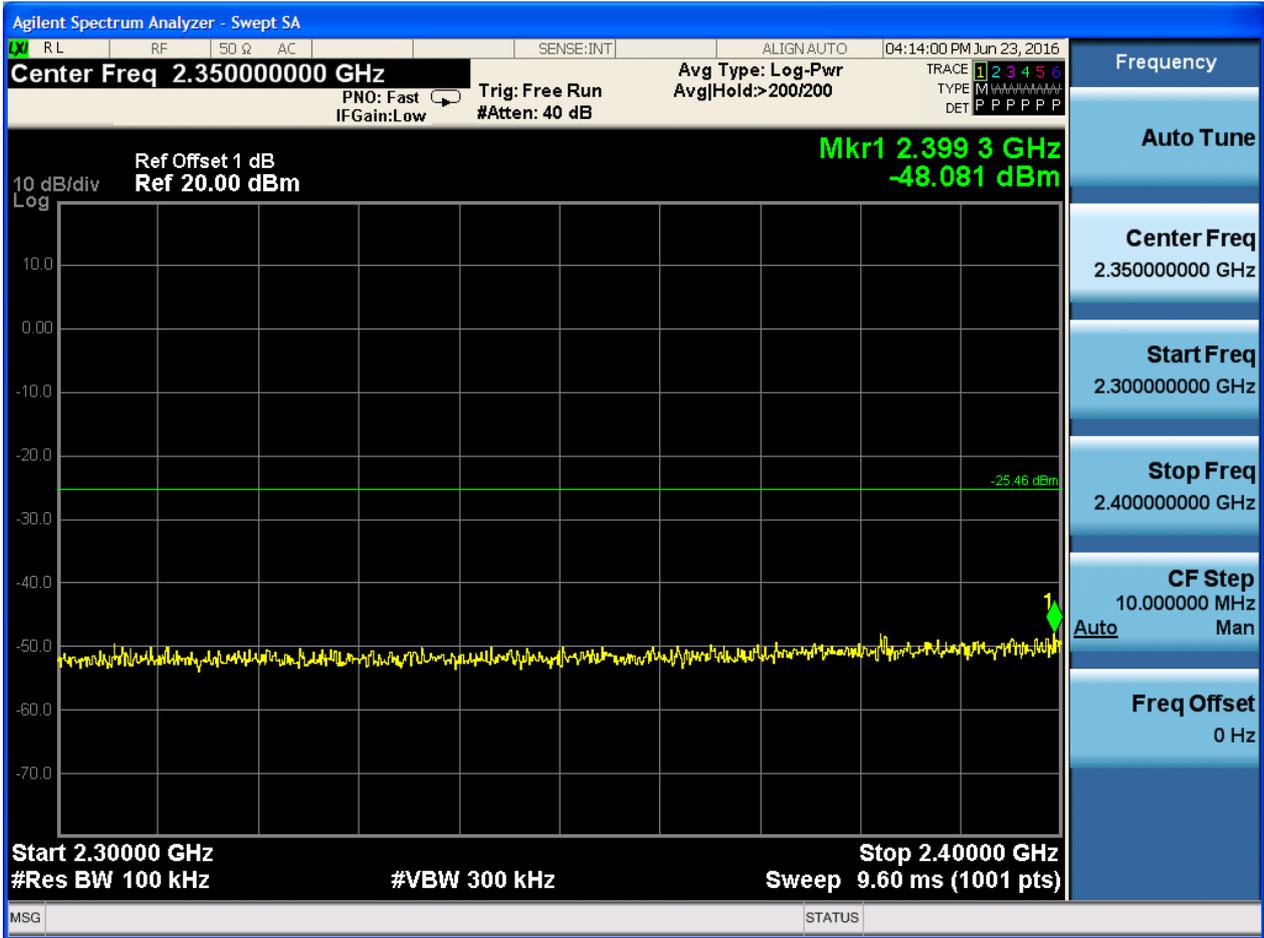


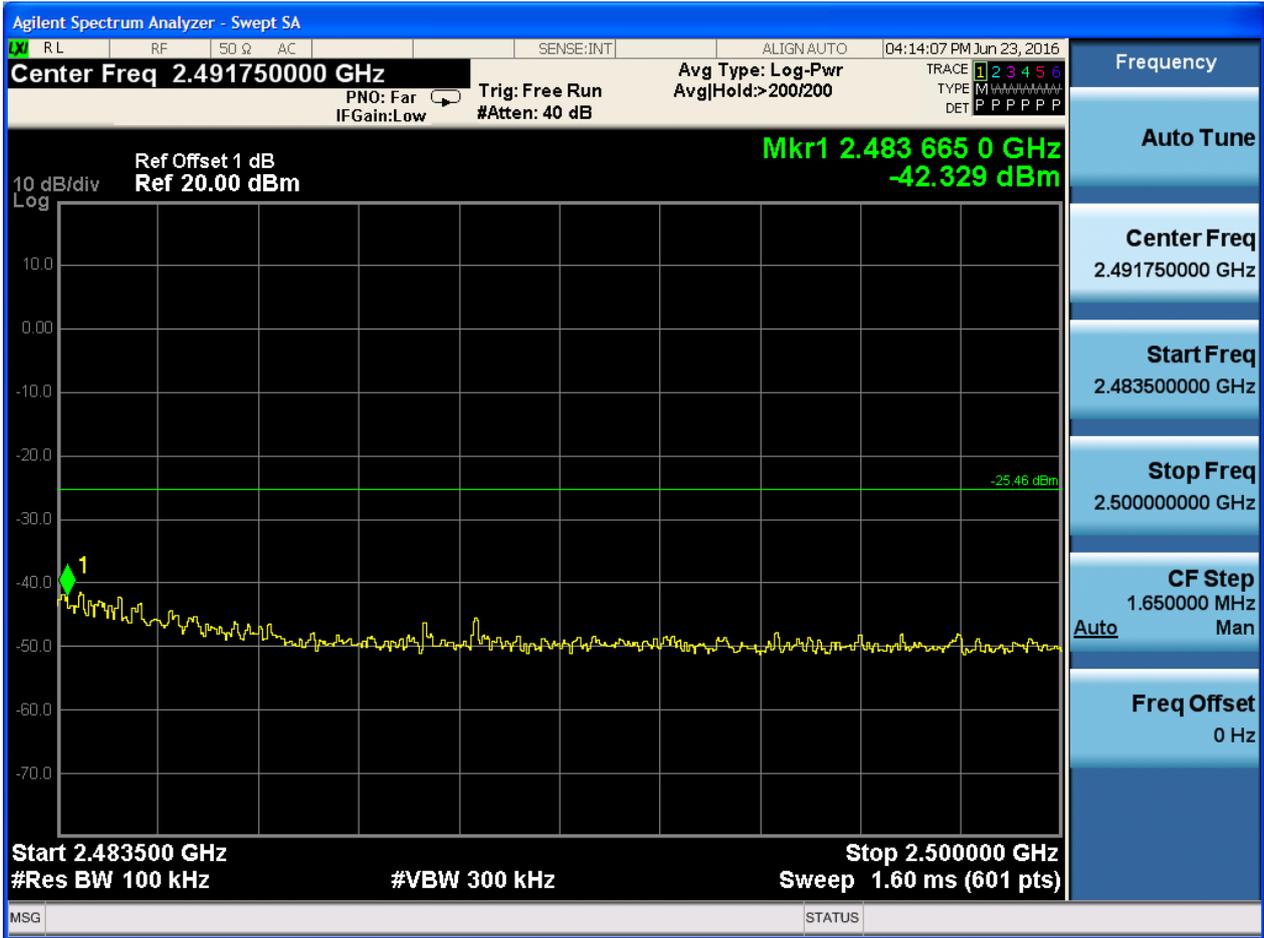
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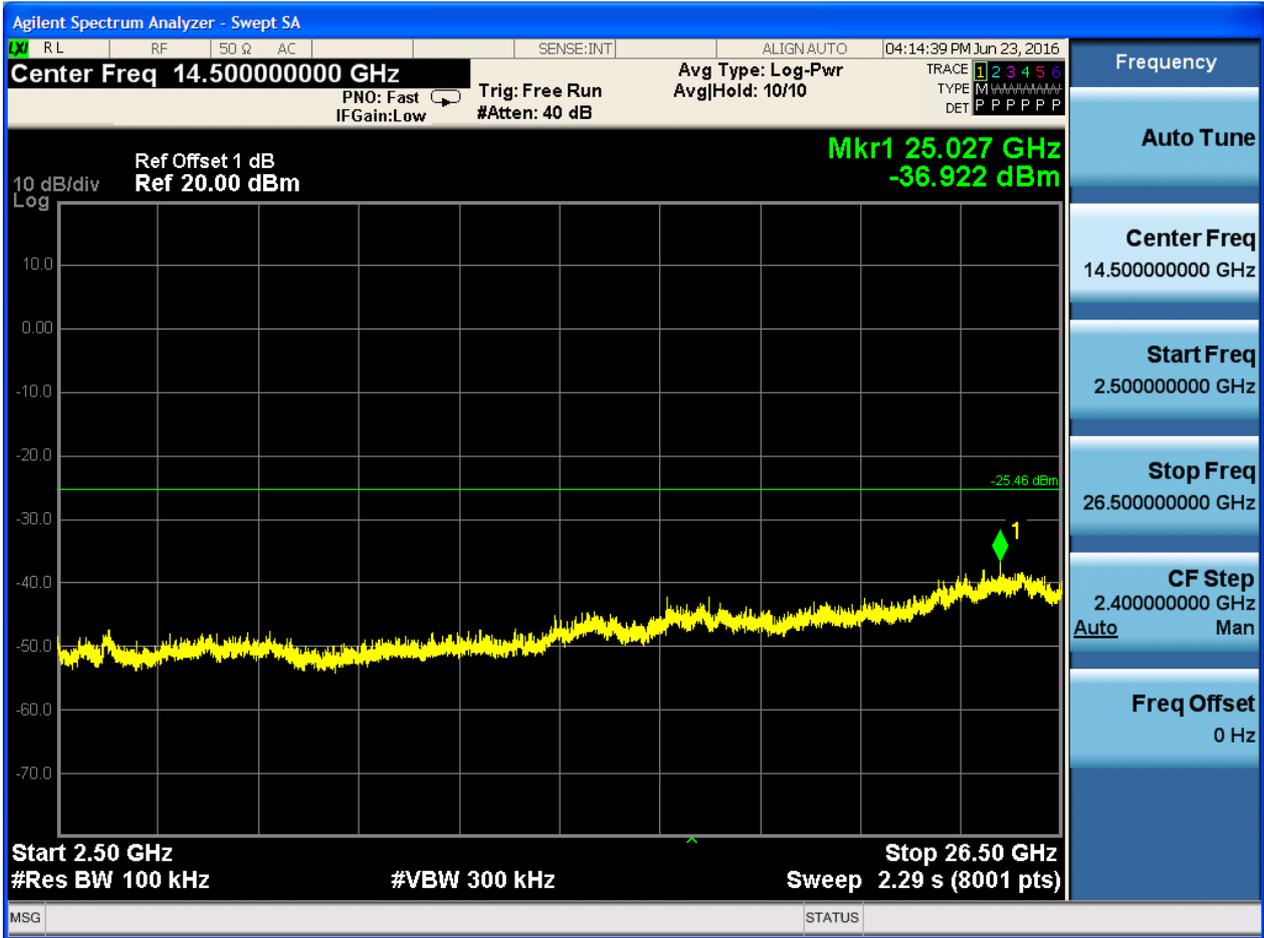








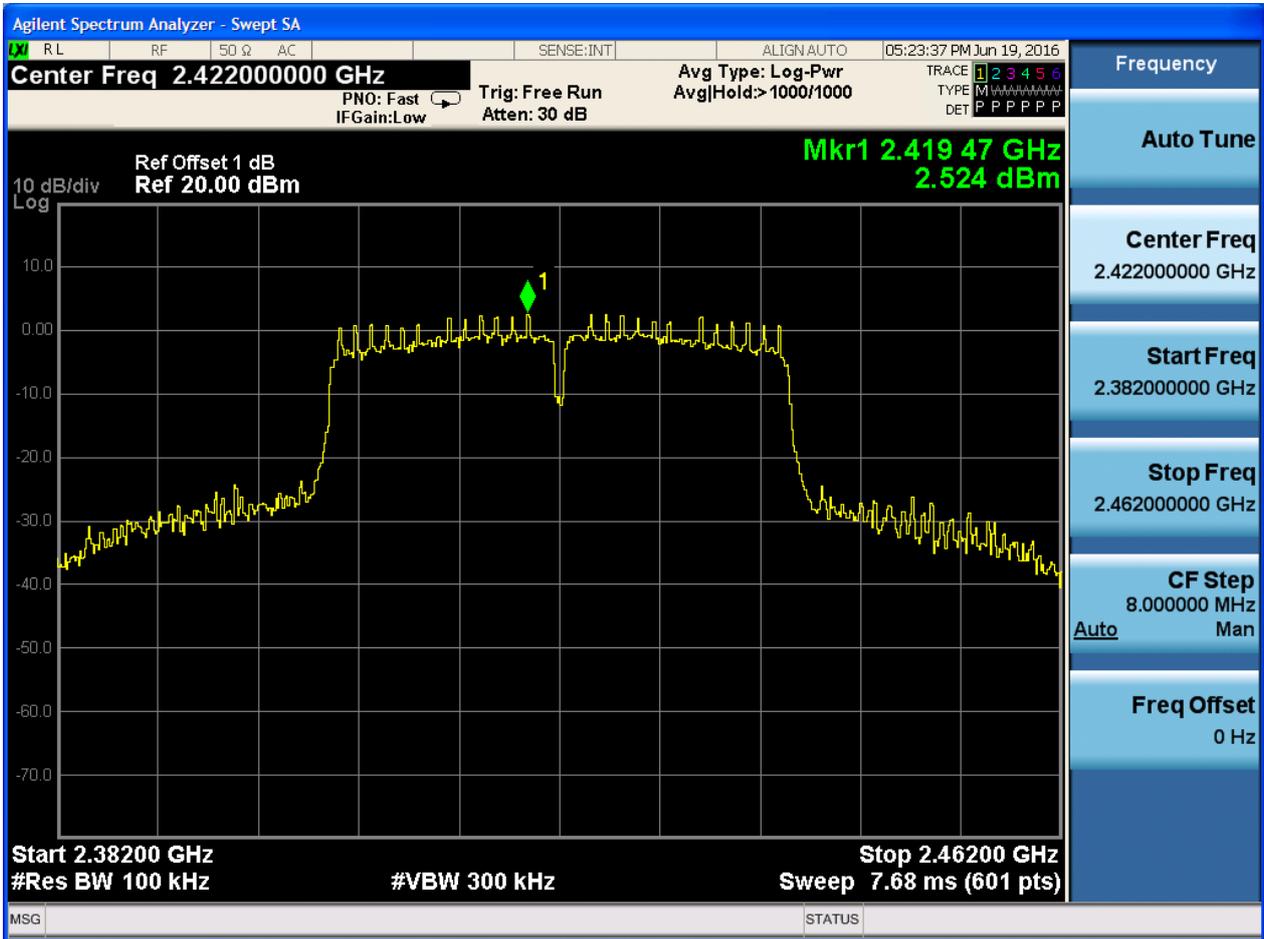






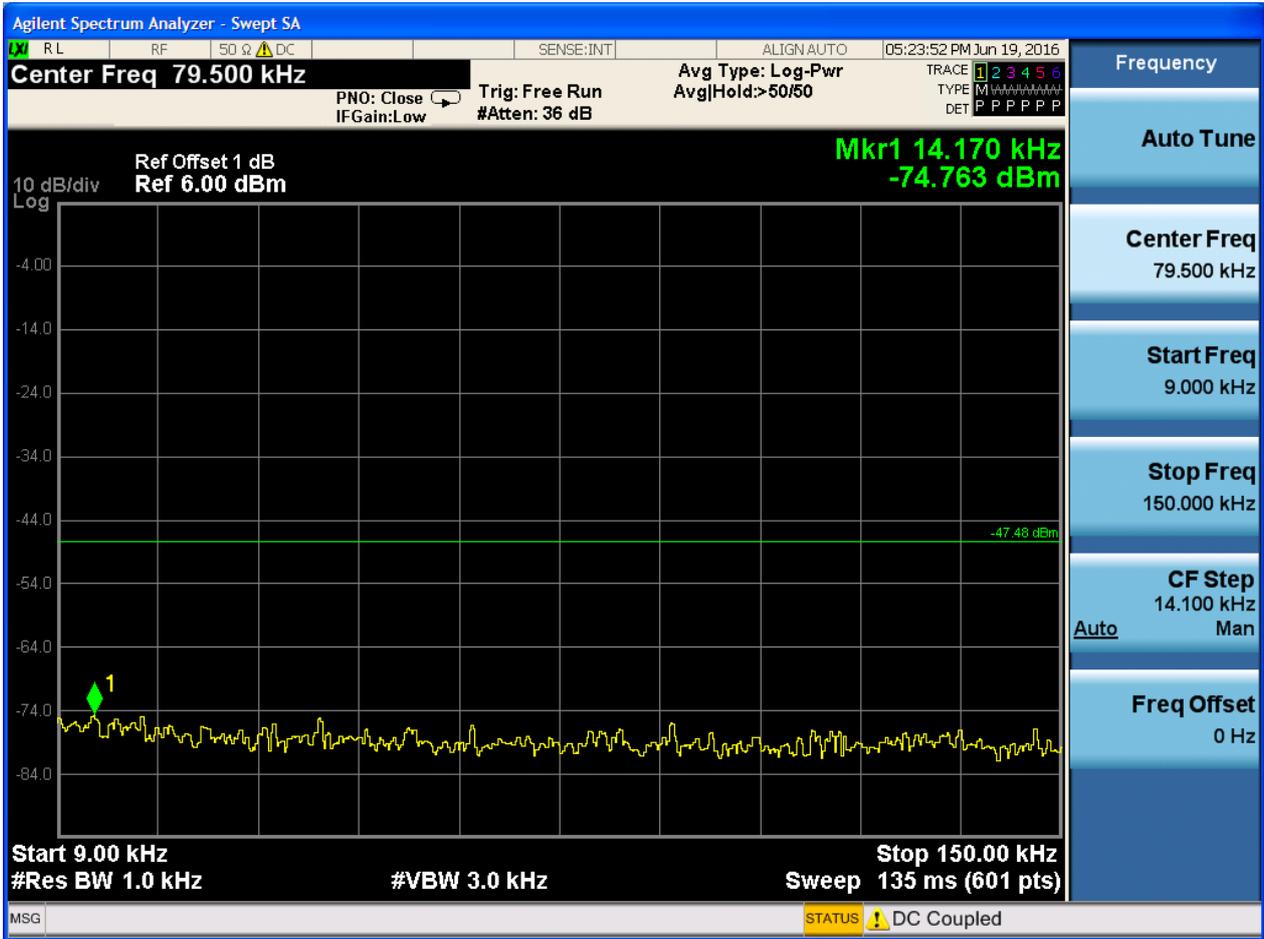
2.10 11N40_L@Ant 1

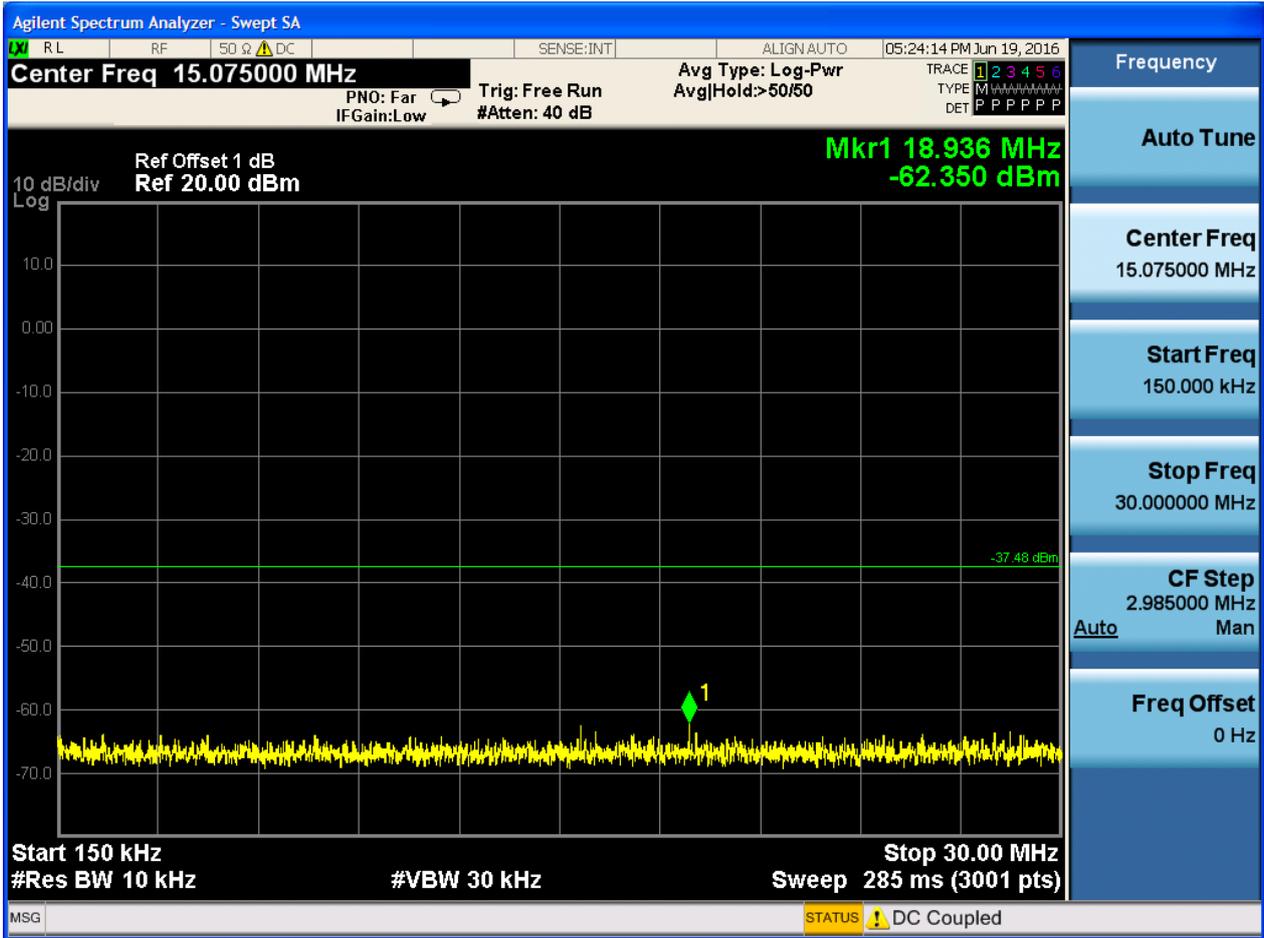
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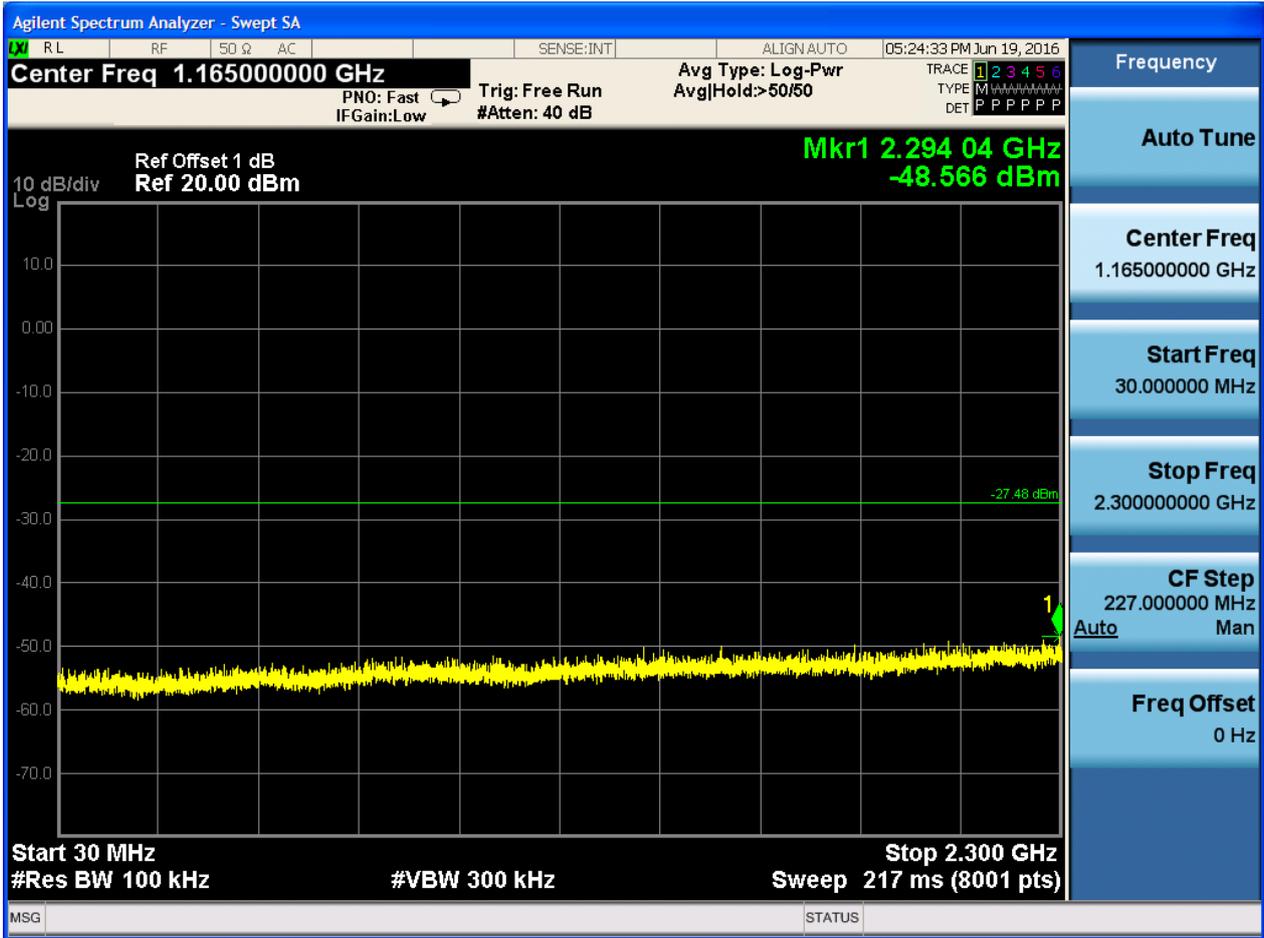


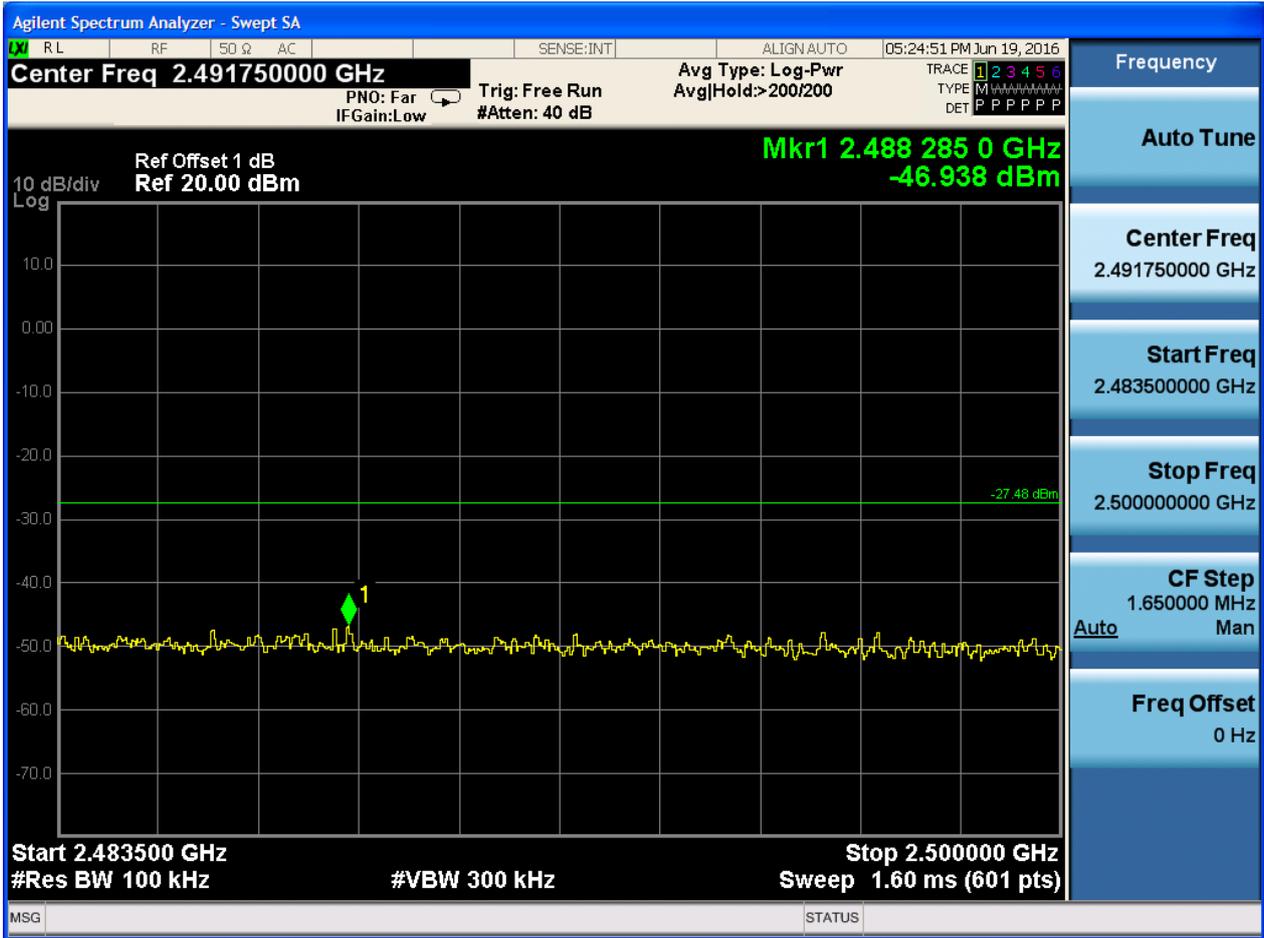


Puw:







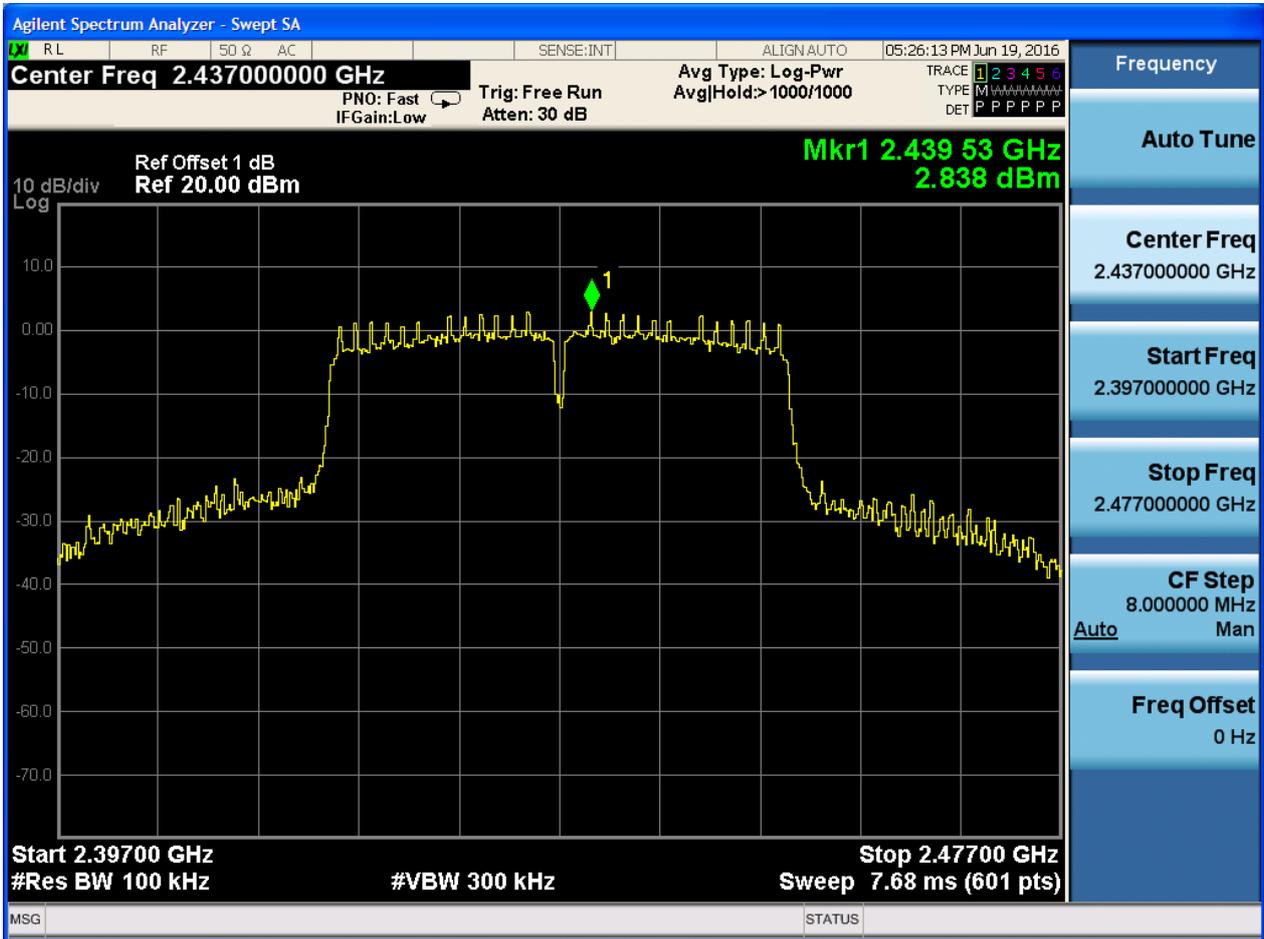






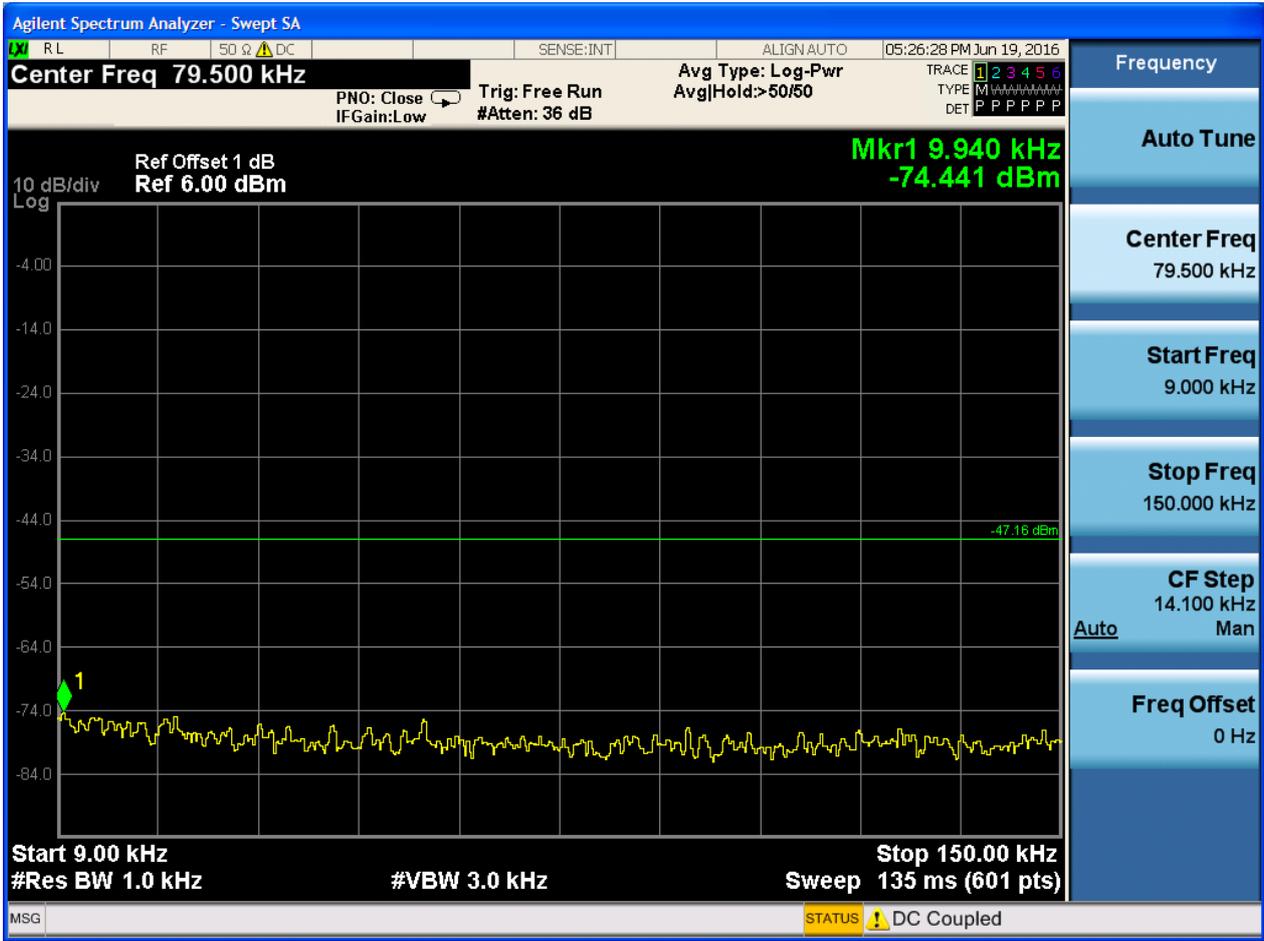
2.11 11N40_M@Ant 1

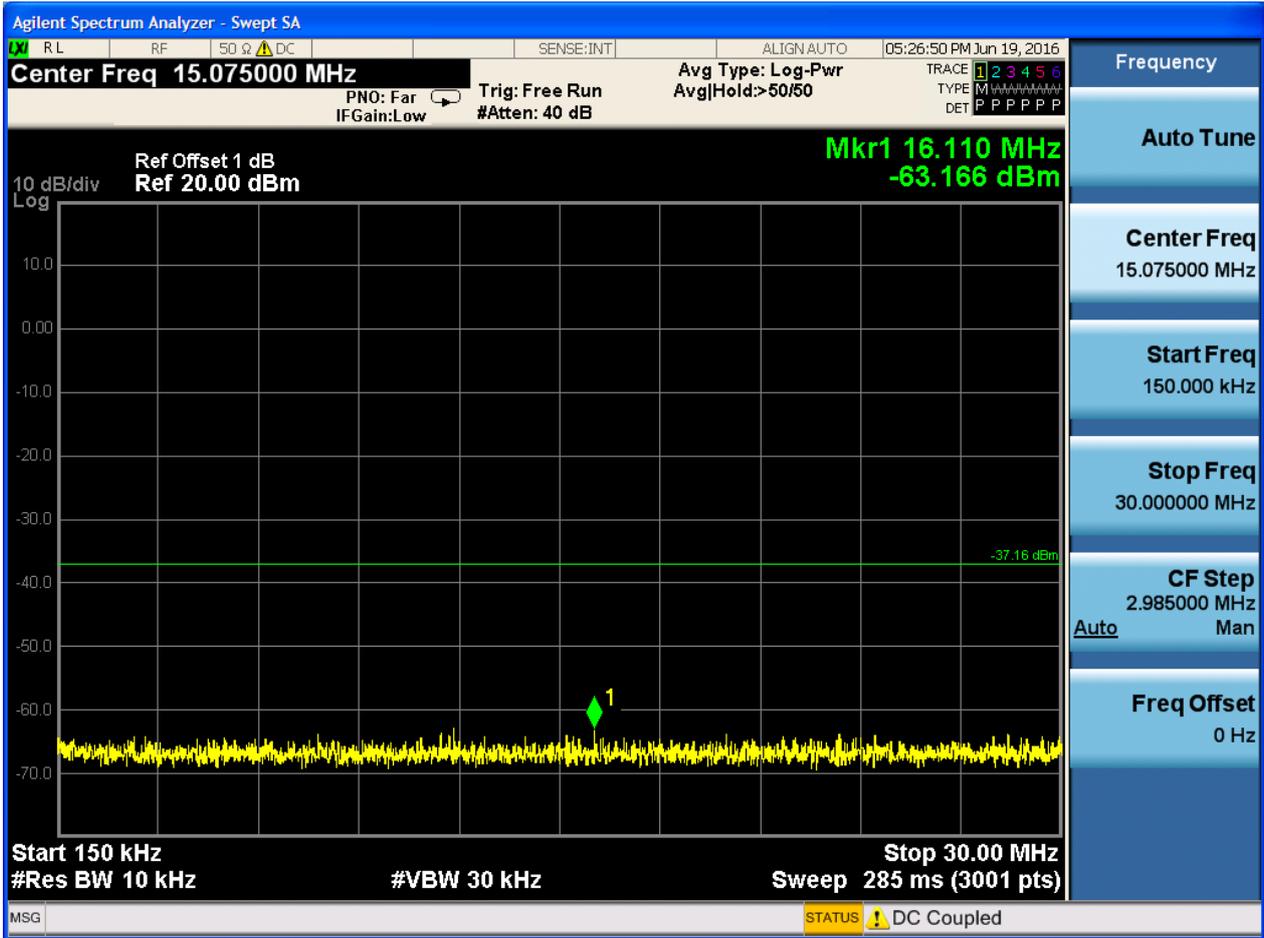
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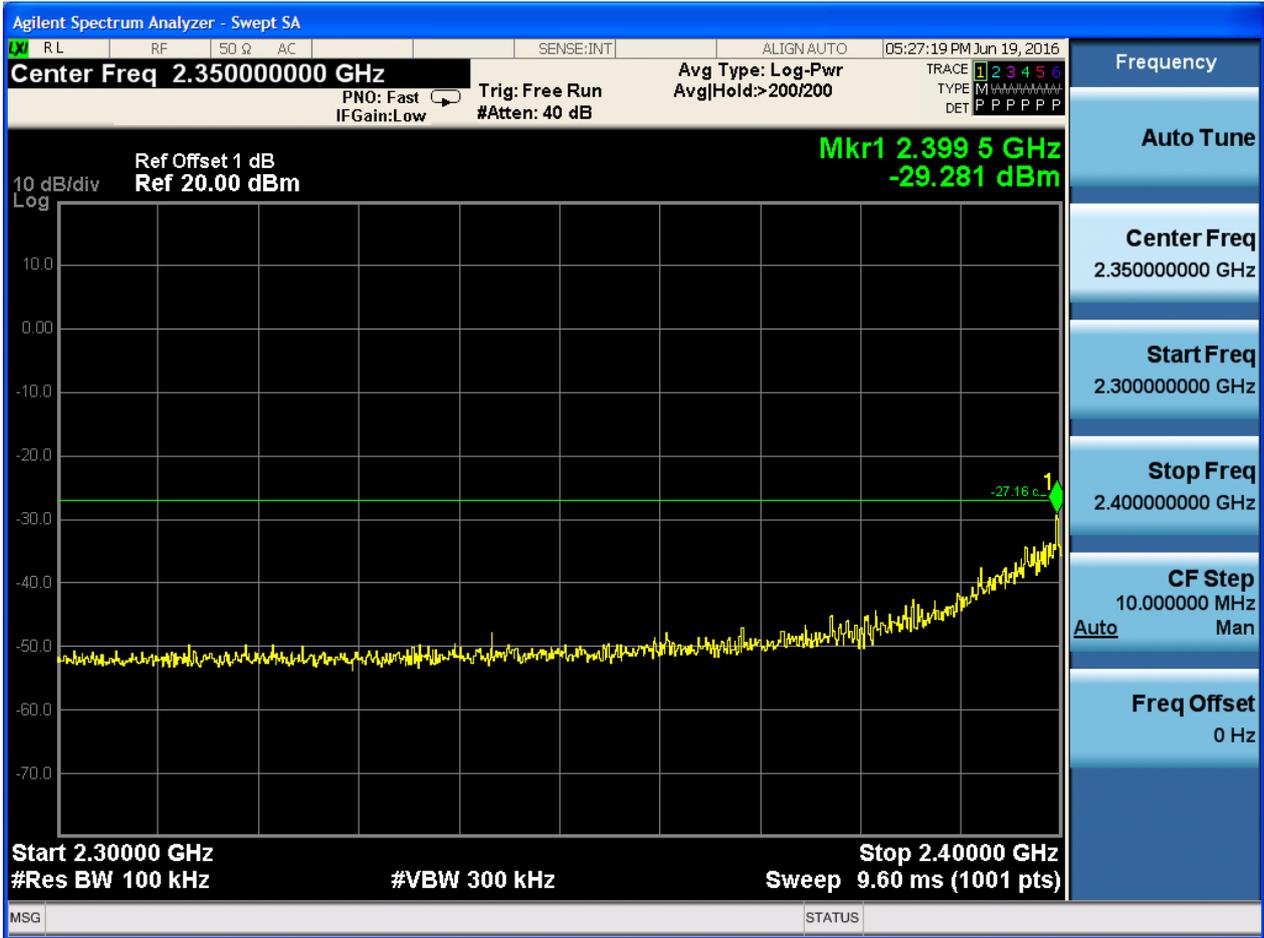


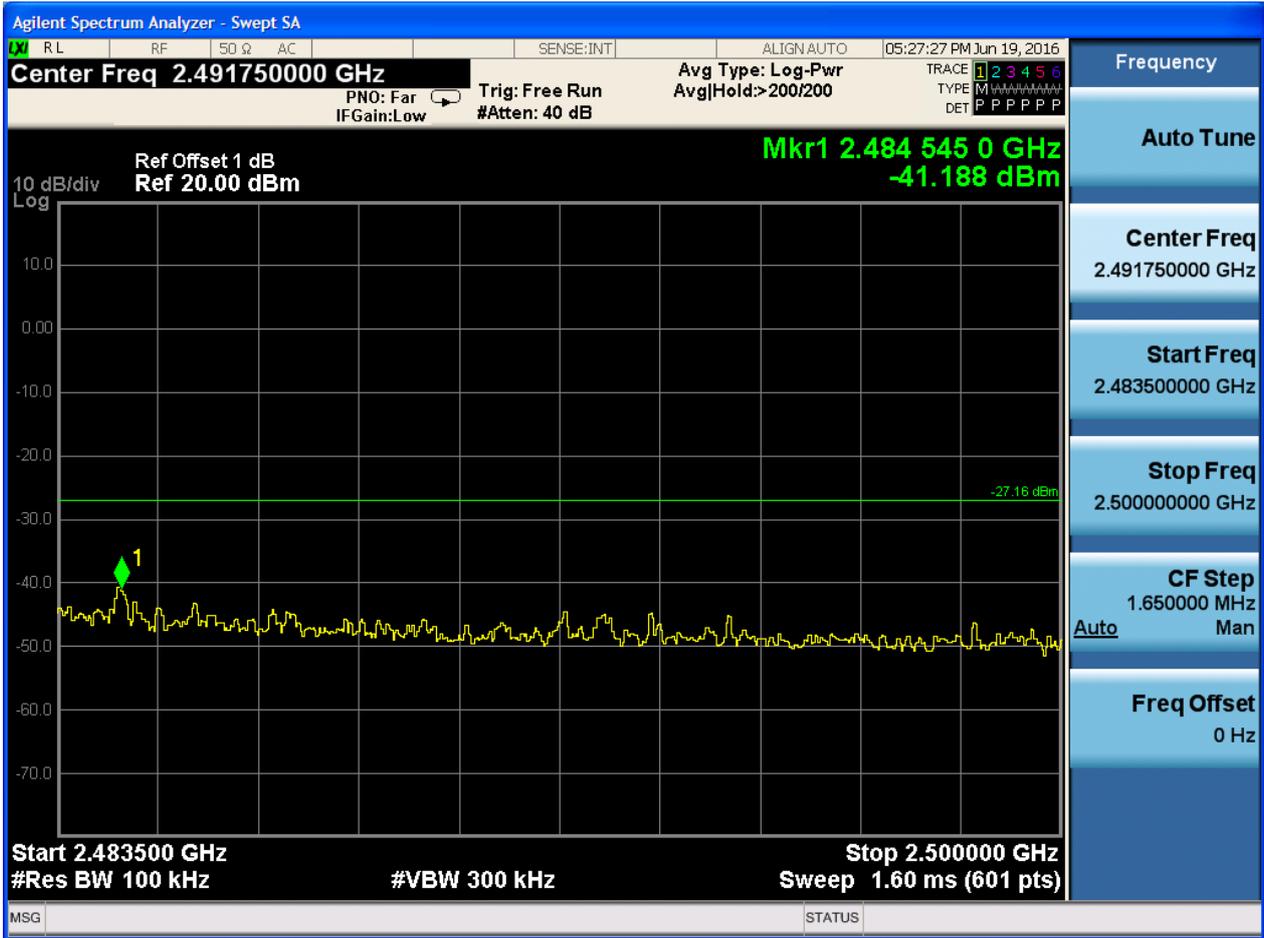
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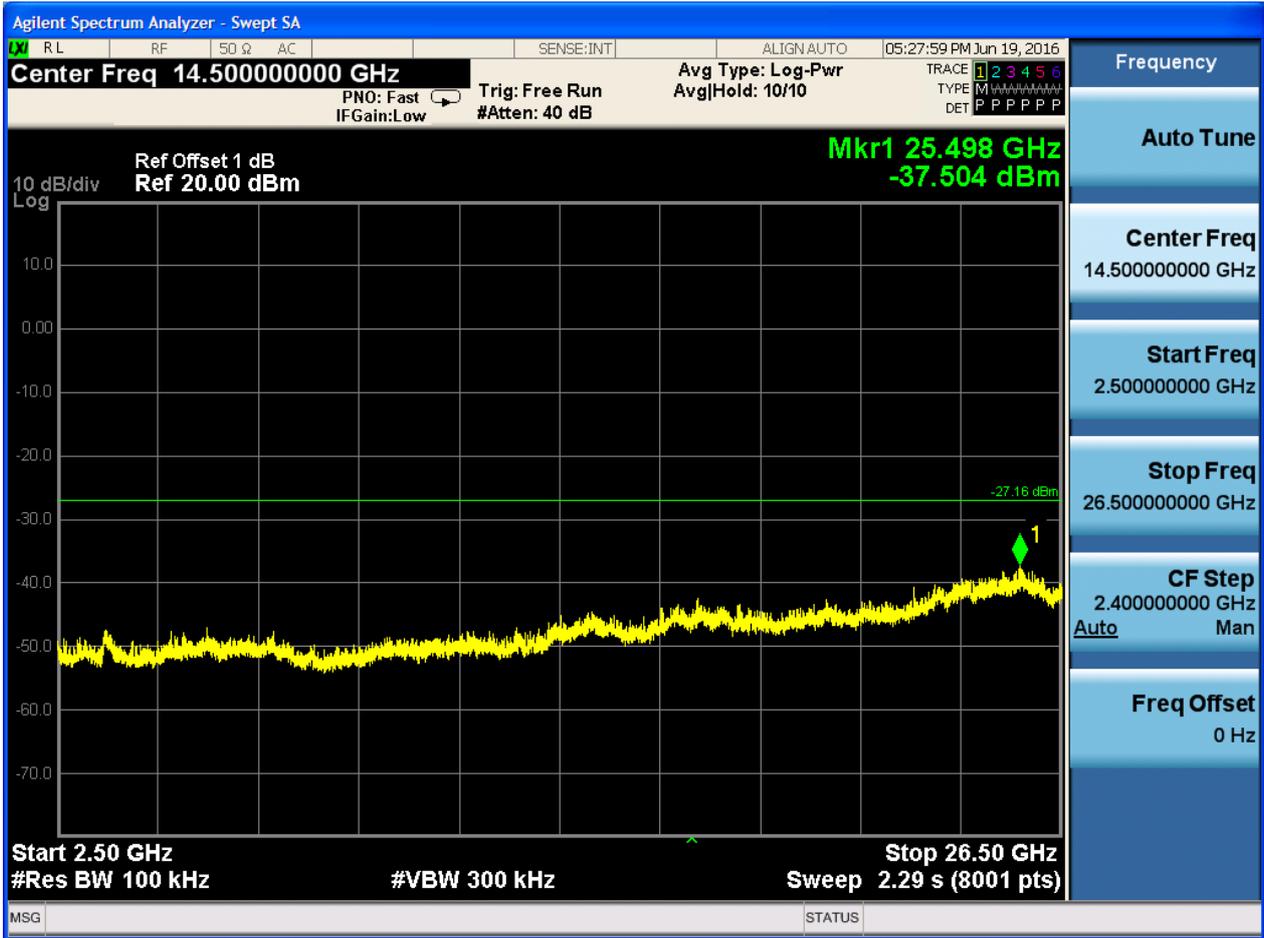








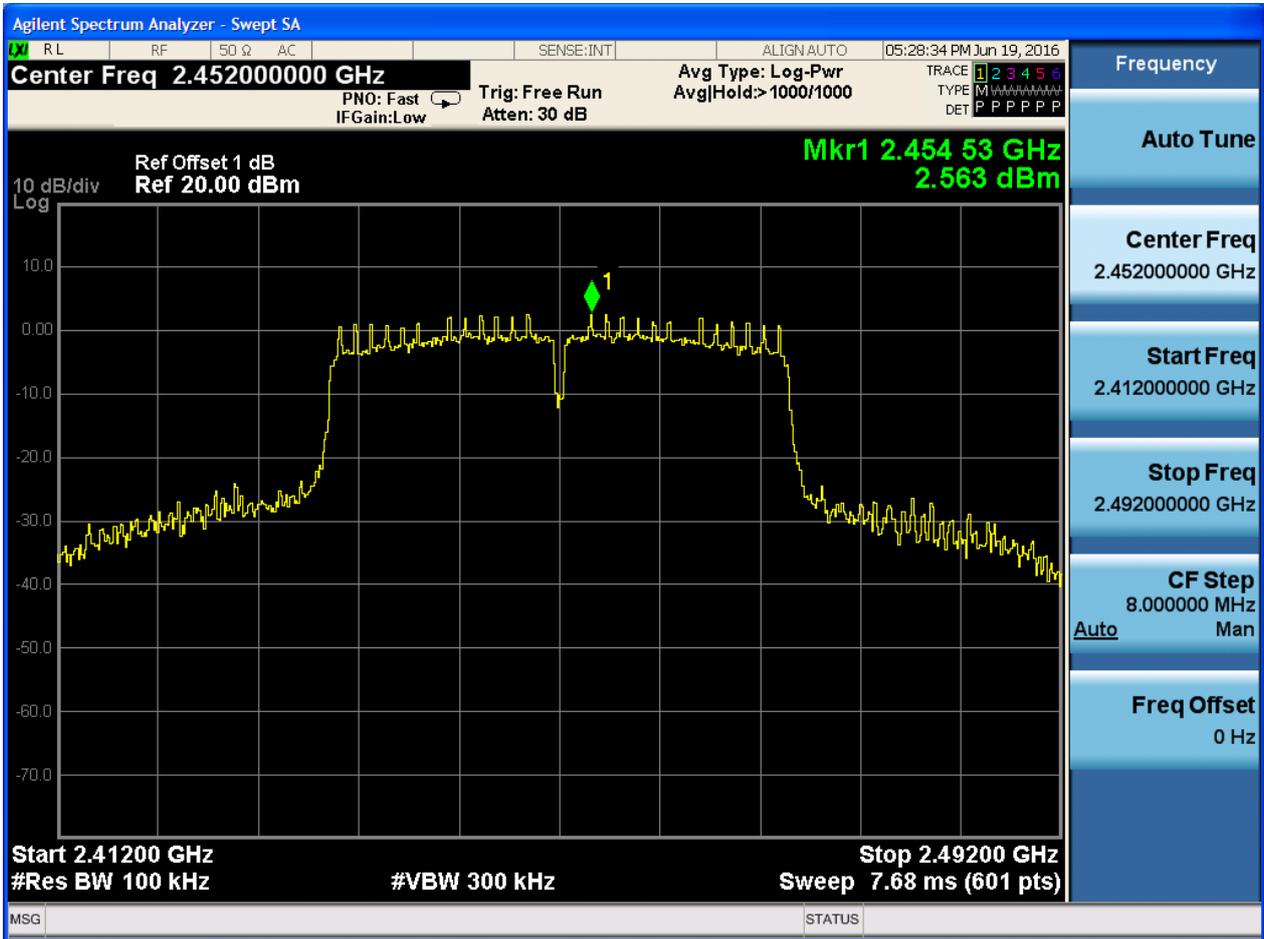






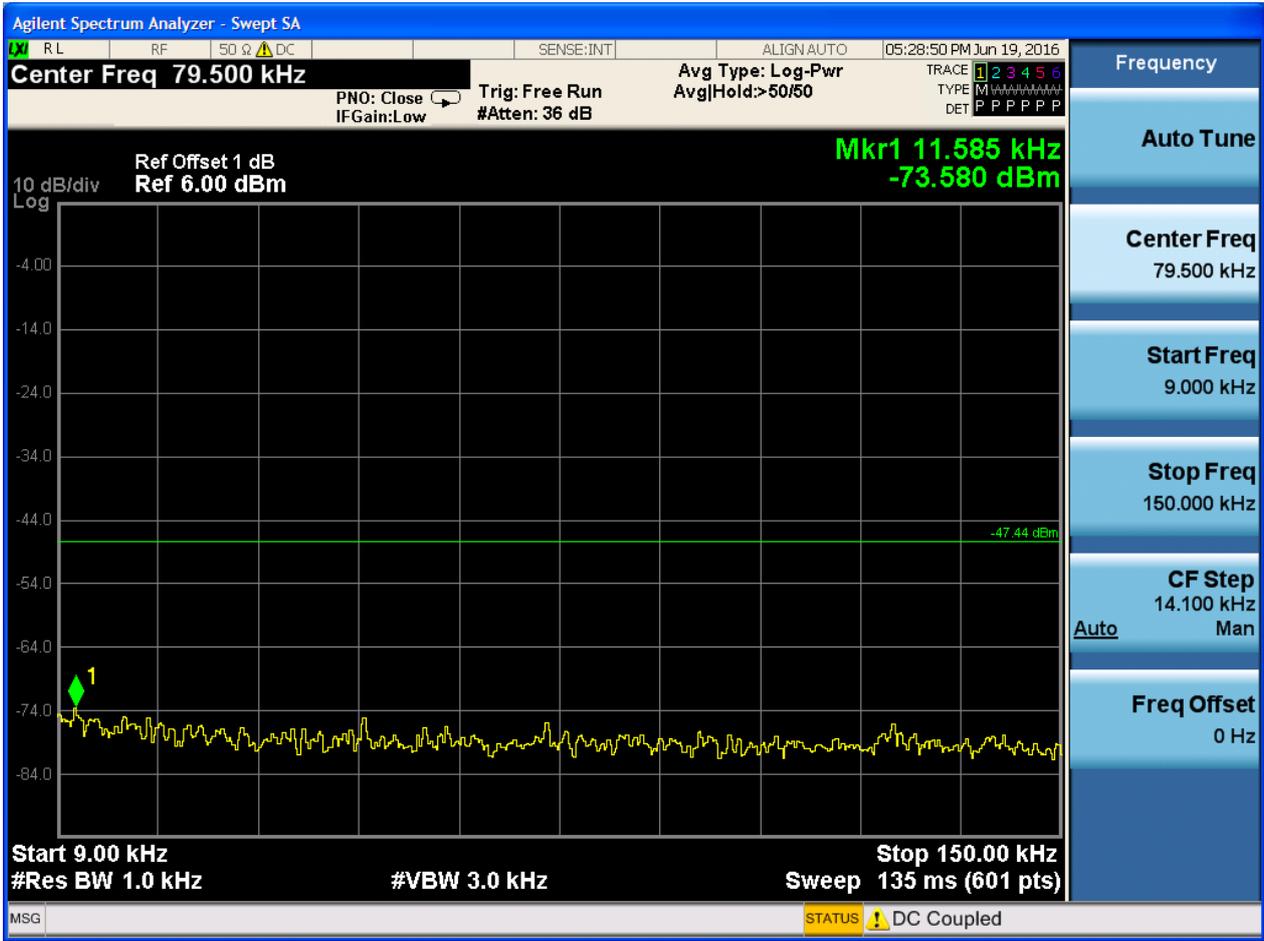
2.12 11N40_H@Ant 1

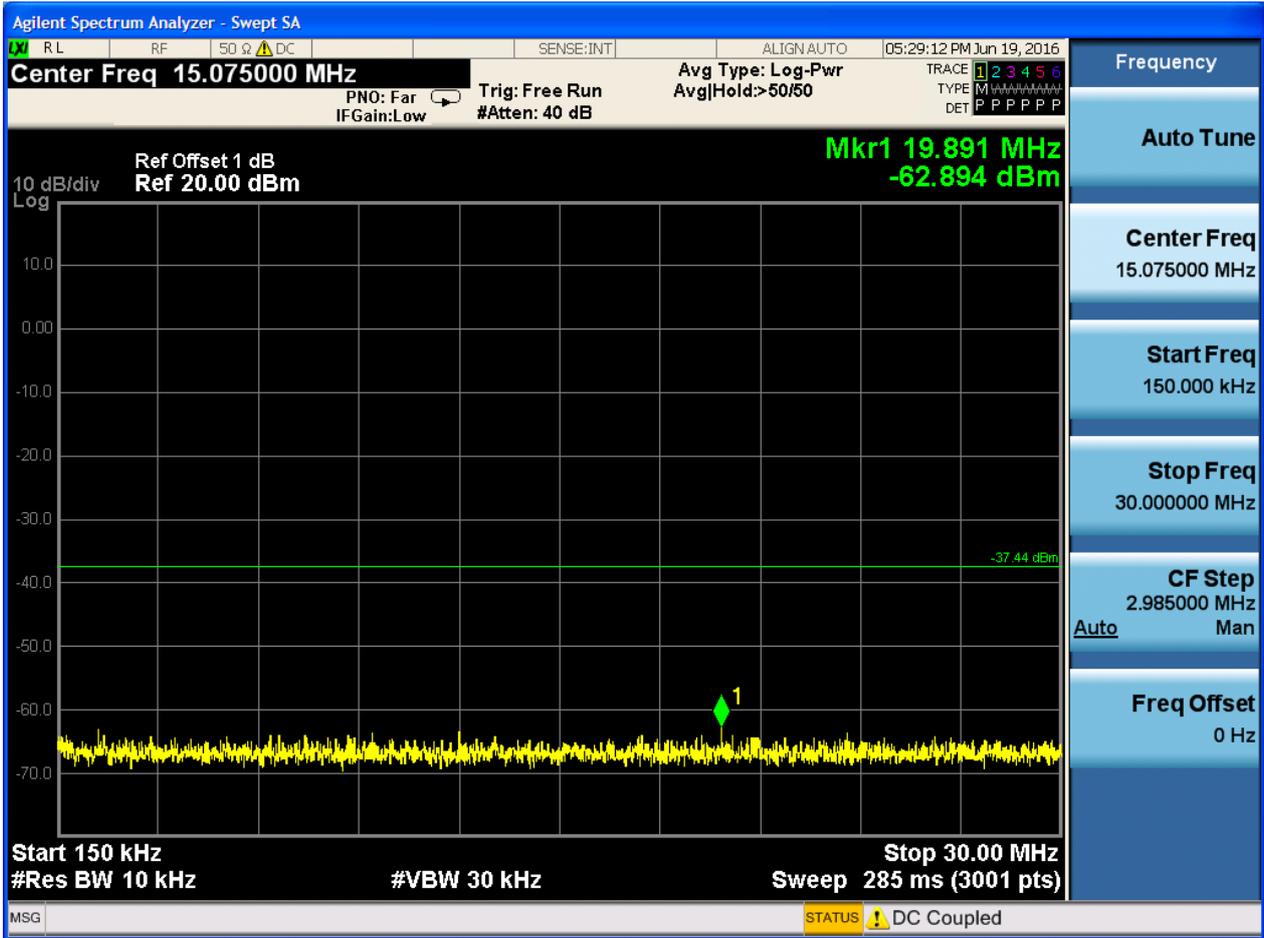
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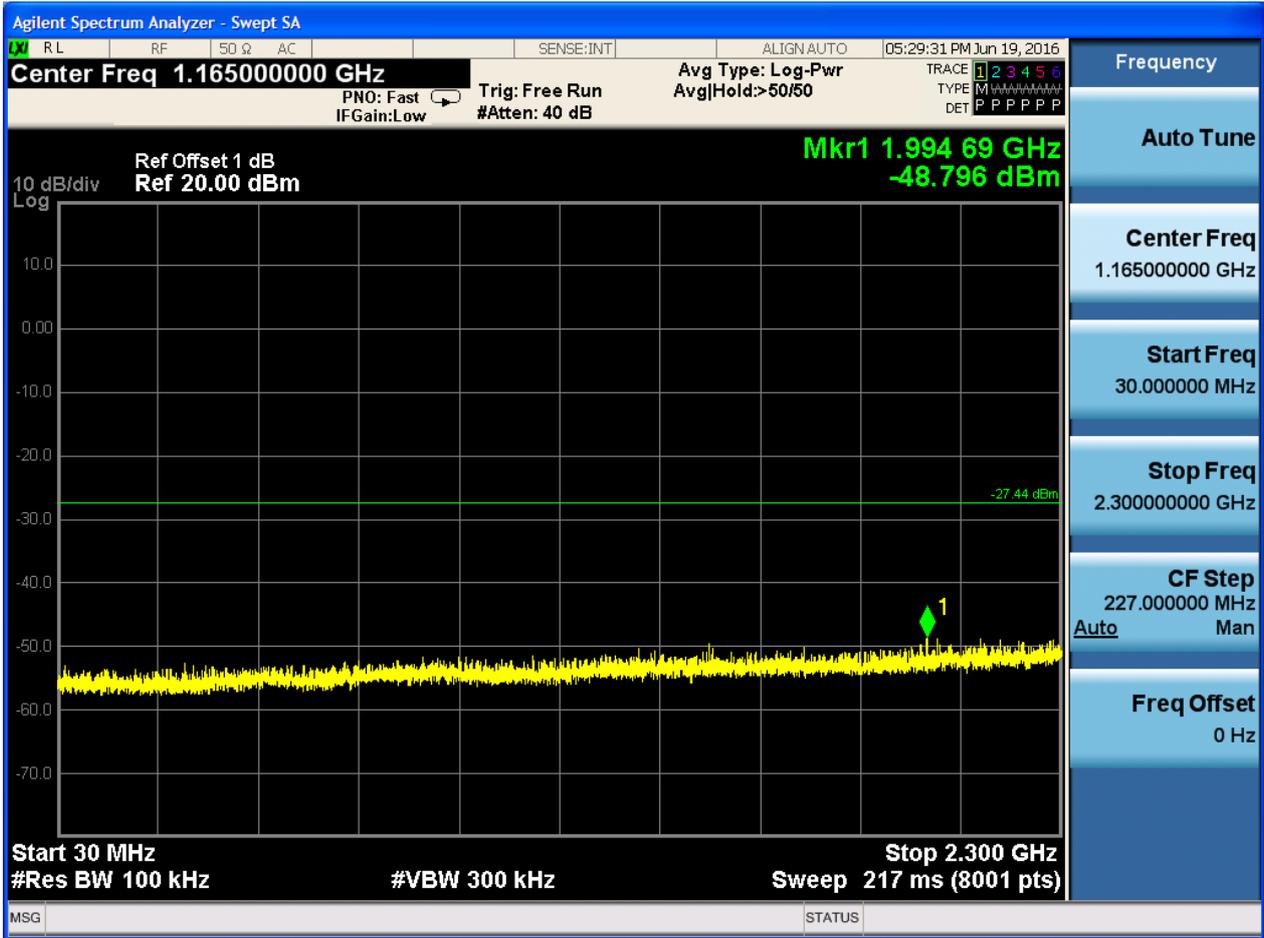


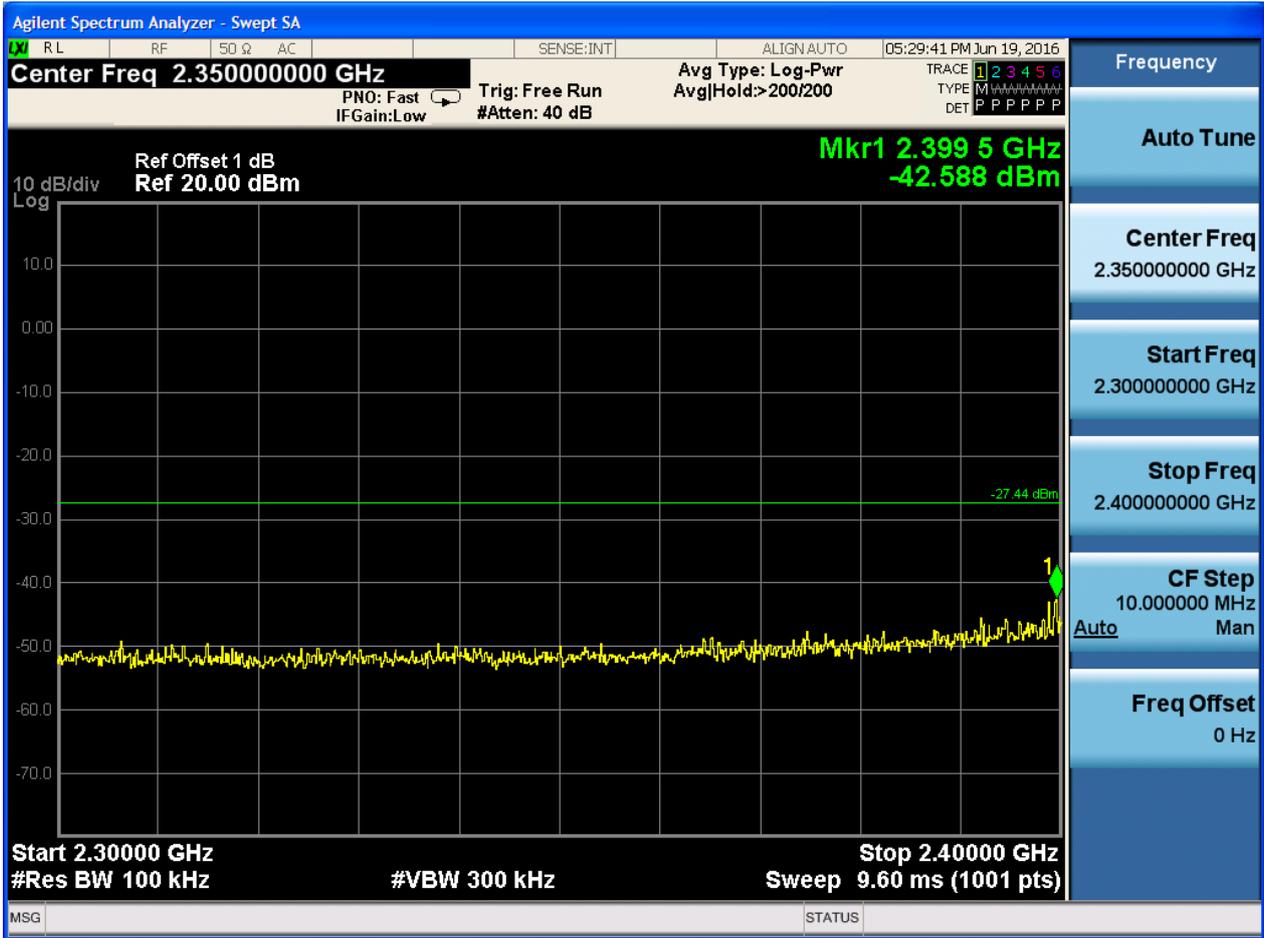


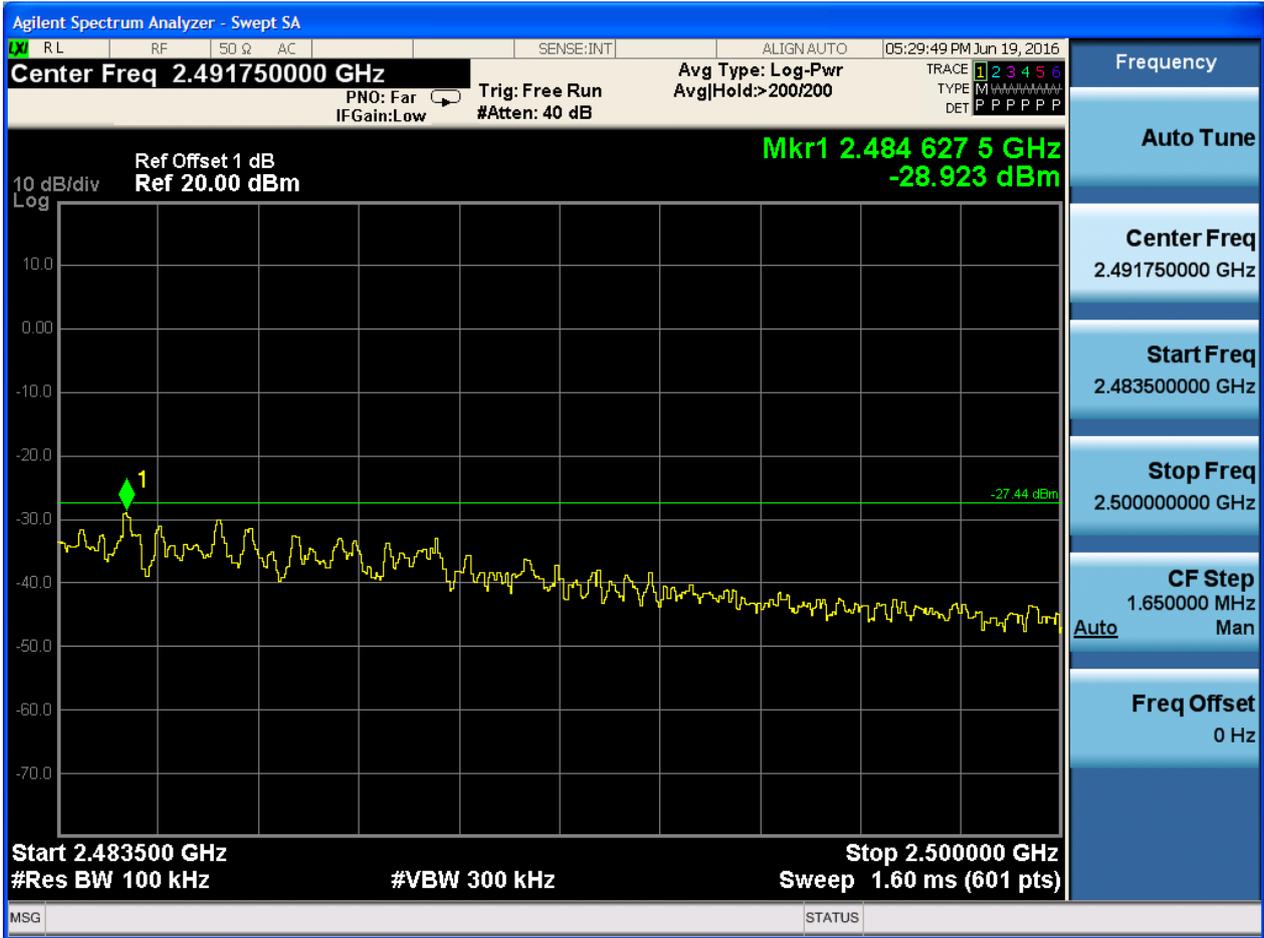
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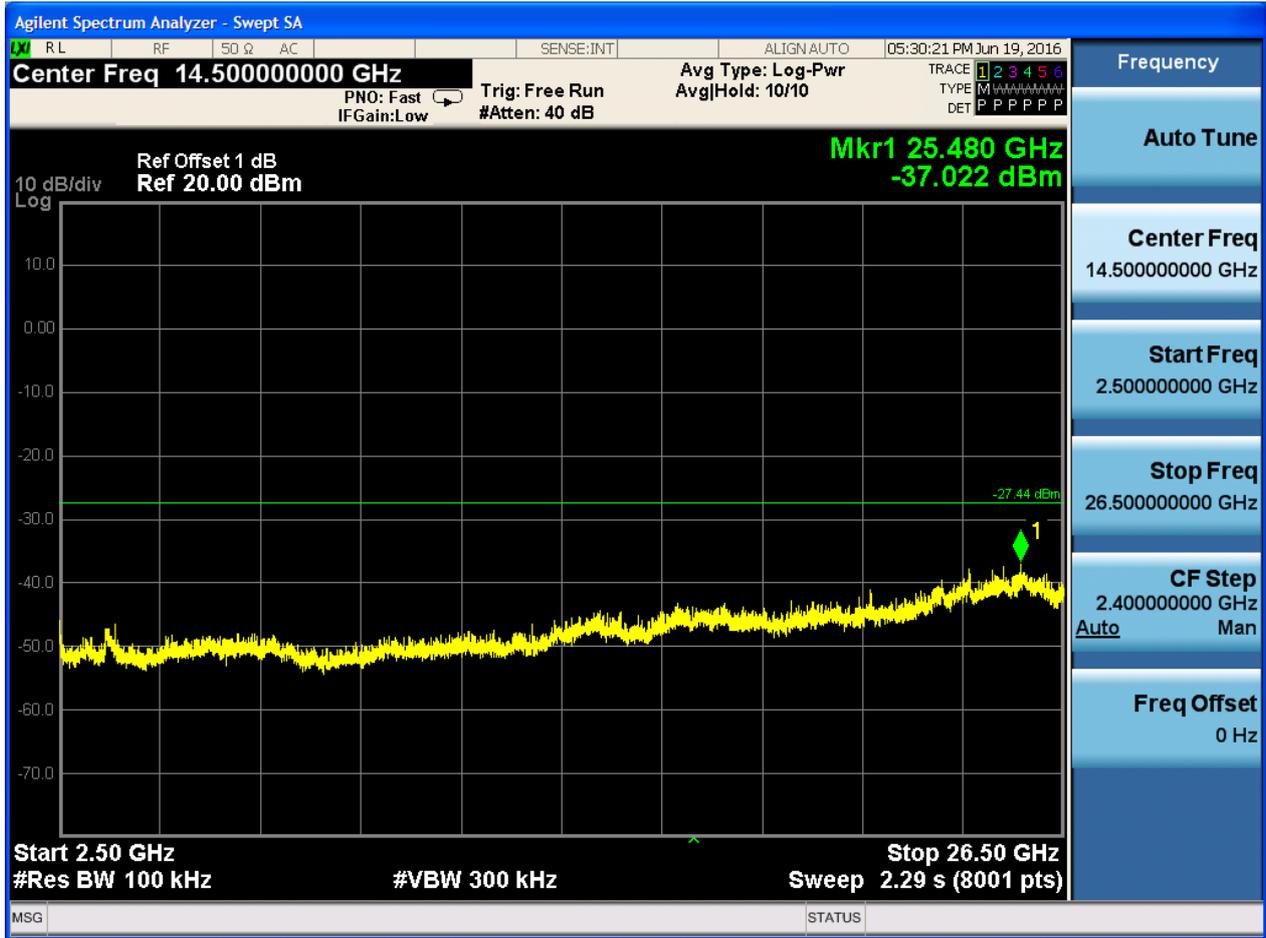














Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

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

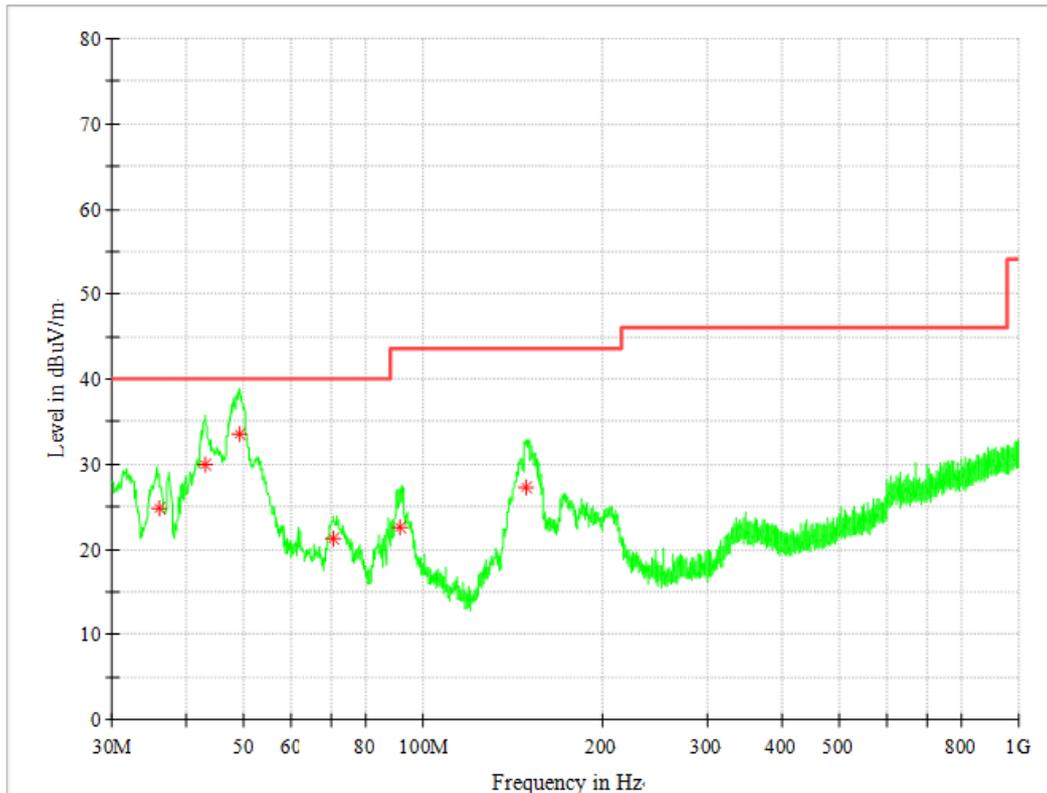
1.1 Part 1: Testing Range of “9 kHz to 30MHz”

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

1.2 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)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
35.969500	24.89	40.00	15.11	117.0	V	223.0	15.2
43.120500	29.91	40.00	10.09	100.0	V	337.0	15.3
49.031550	33.60	40.00	6.40	107.0	H	30.0	15.2
70.437550	21.25	40.00	18.75	200.0	V	182.0	11.2
91.359300	22.59	43.50	20.91	138.0	H	76.0	12.5
148.732050	27.31	43.50	16.19	117.0	V	34.0	10.3

Note:

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

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.3Part 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.

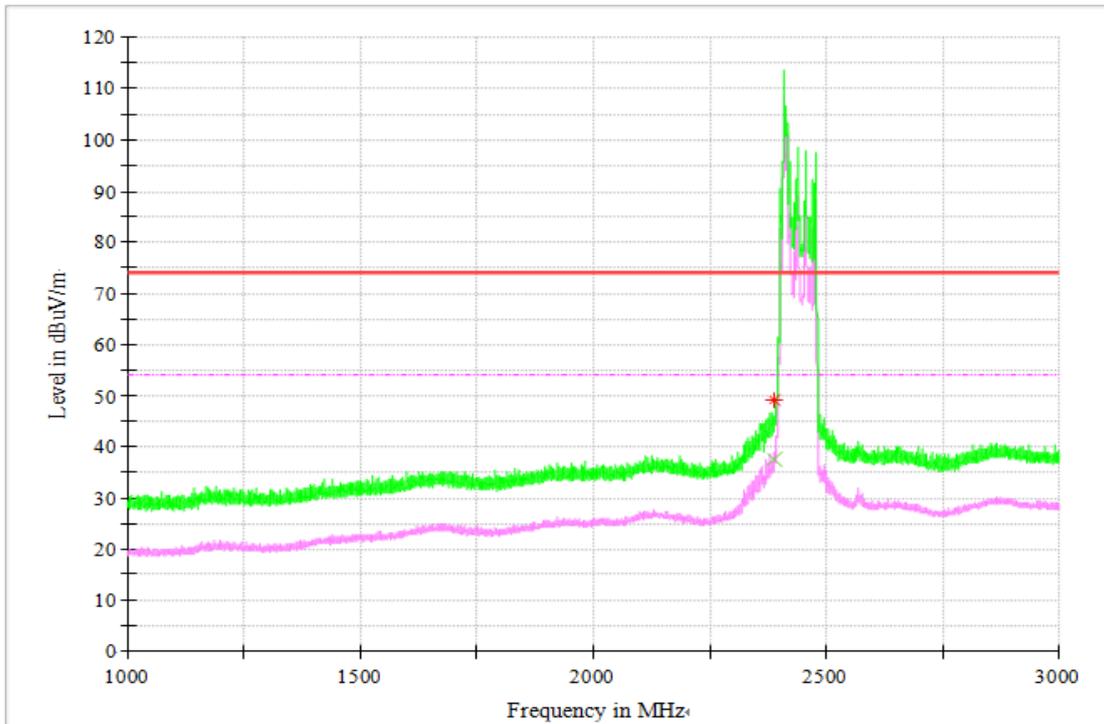
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

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

Test Mode:

1.4.1Test Mode: 11B

1.4.1.1 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)
2390.000000	37.48	54.00	16.52	110.0	H	174.0	-7.6

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)
2390.000000	49.04	74.00	24.96	176.0	H	173.0	-7.6

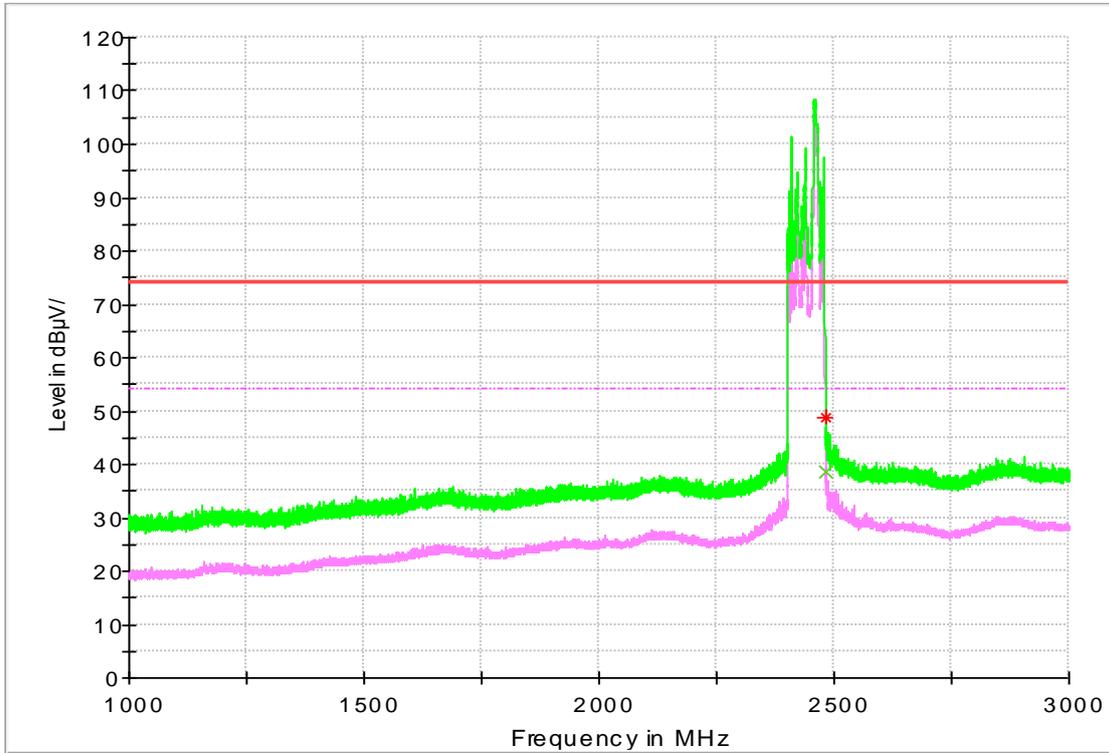
Note2:

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

Margin=Limit-Level. The reading level is calculated by software which is not shown in the sheet.

1.4.2.1 Channel 11 @Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.500000	38.46	54.00	15.54	105.0	H	143.0	-5.1

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.500000	48.72	74.00	25.28	180.0	H	146.0	-5.1

Note2:

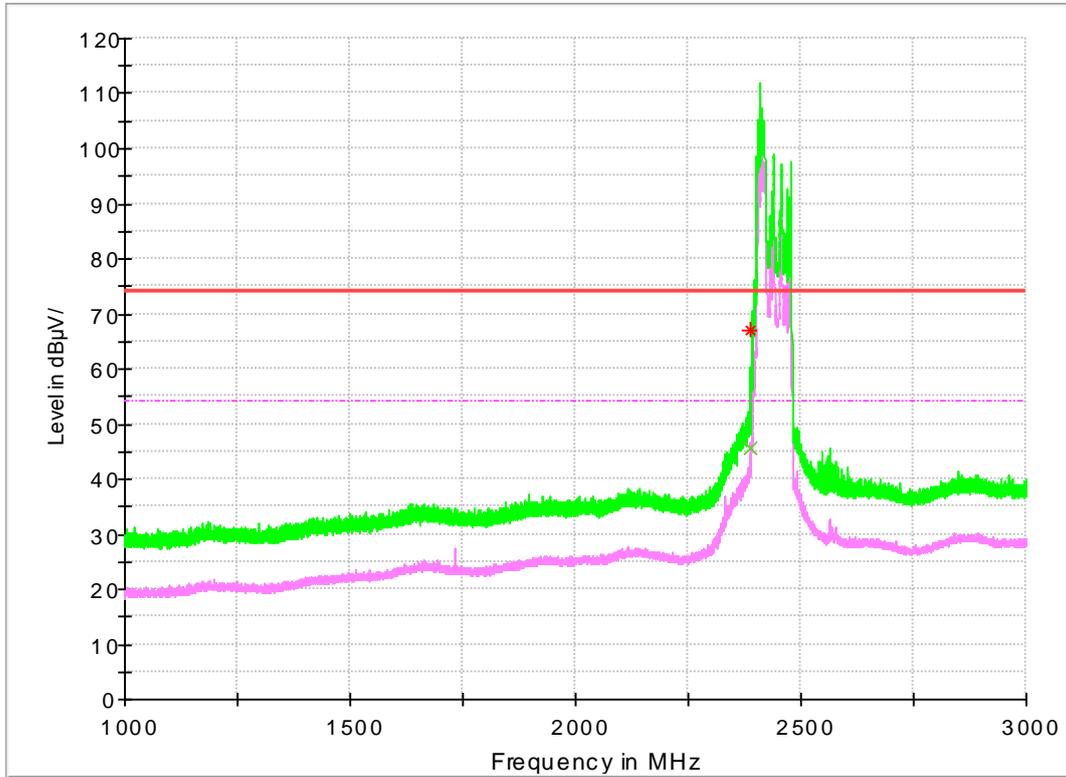
Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.4.2 Test Mode: 11G

1.4.2.1 Channel 1 @Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390.000000	45.56	54.00	8.44	150.0	H	175.0	-7.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390.000000	66.88	74.00	7.12	150.0	H	171.0	-7.6

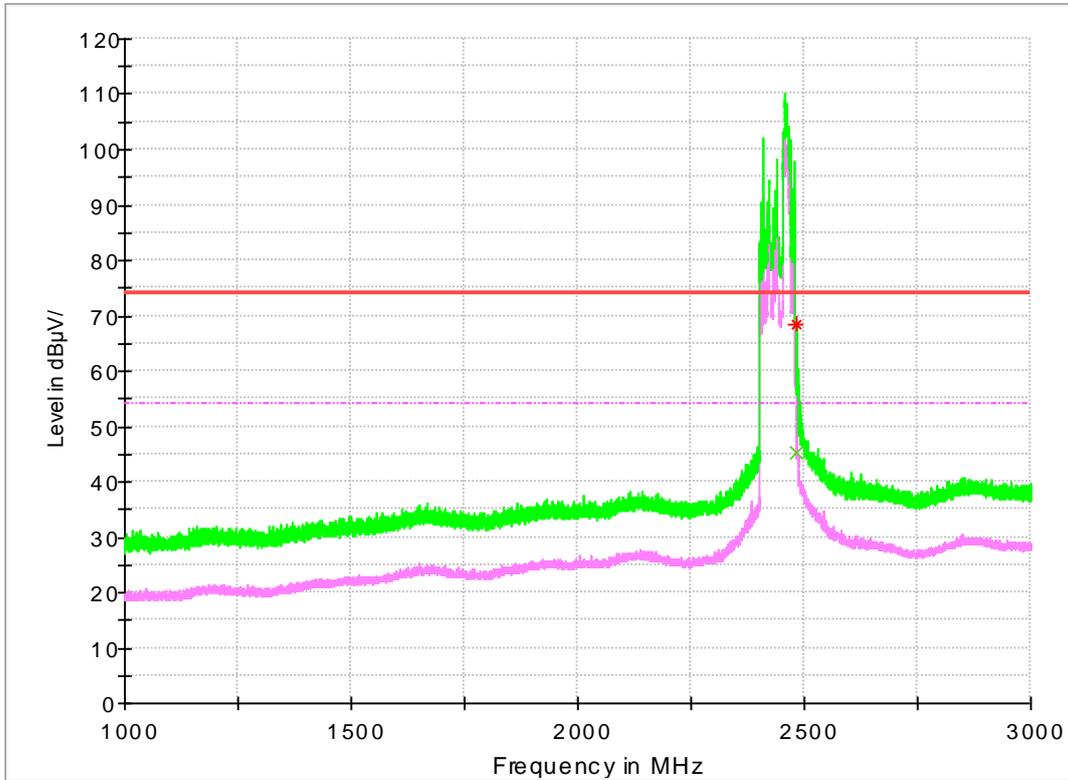
Note2:

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

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.4.2.2 Channel 11@Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.500000	45.12	54.00	8.88	156.0	H	144.0	-5.5

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.500000	58.84	74.00	-15.16	100.0	H	304.0	-5.5

Note2:

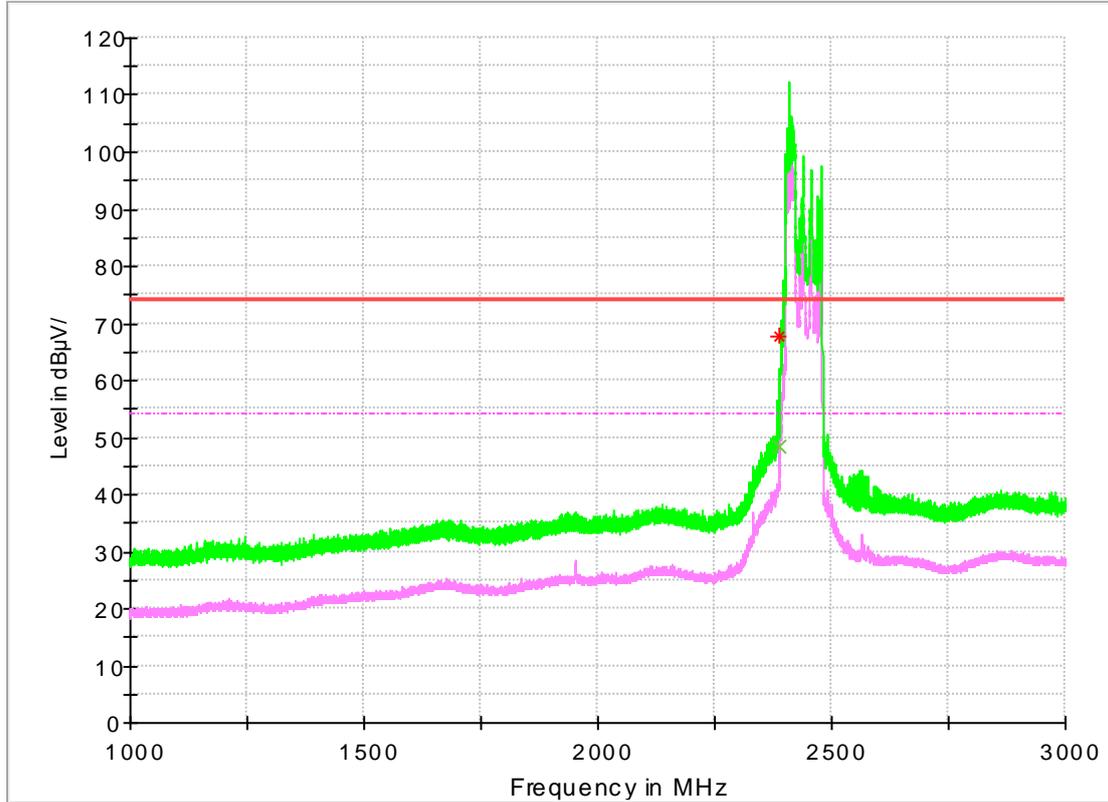
Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

Margin=Limit-Level. The reading level is calculated by software which is not shown in the sheet.

1.4.3 Test Mode: 11N20

1.4.3.1 Channel 1 @Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390.000000	48.34	54.00	5.66	150.0	H	172.0	-7.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390.000000	67.60	74.00	6.40	100.0	V	334.0	-7.6

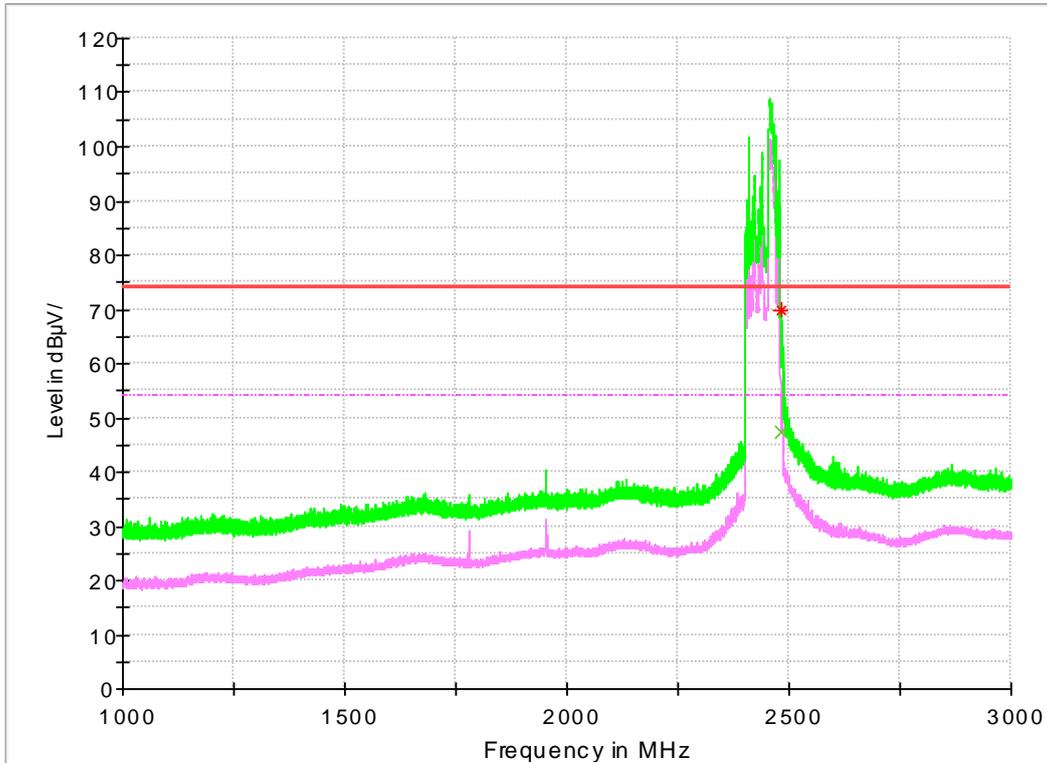
Note2:

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

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.4.3.2 Channel 11@Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.500000	47.19	54.00	6.81	158.0	H	4.0	-5.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.500000	69.84	74.00	4.16	109.0	H	3.0	-5.6

Note2:

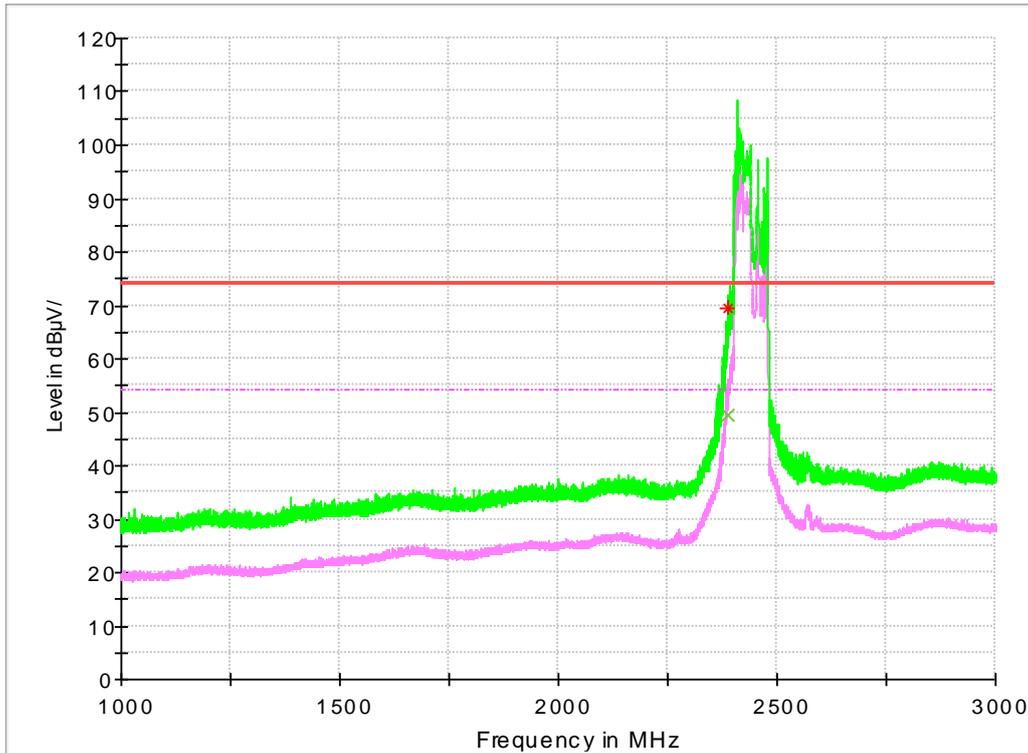
Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.4.4 Test Mode: 11N40

1.4.4.1 Channel 3 @Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390.000000	49.44	54.00	4.56	118.0	H	155.0	-7.6

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390.000000	69.57	74.00	4.43	158.0	H	155.0	-7.6

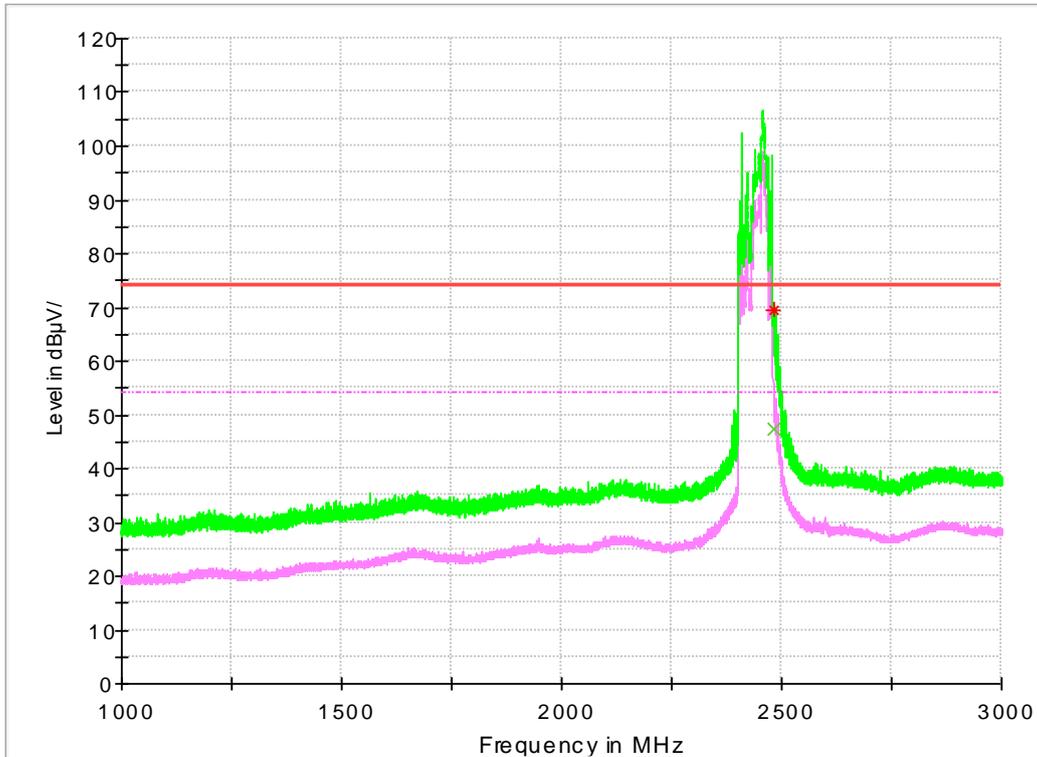
Note2:

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

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

1.4.4.2 Channel 9 @Ant 1

Full Spectrum



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.500000	47.47	54.00	6.53	100.0	H	149.0	-5.9

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.500000	69.64	74.00	4.36	178.0	H	149.0	-5.9

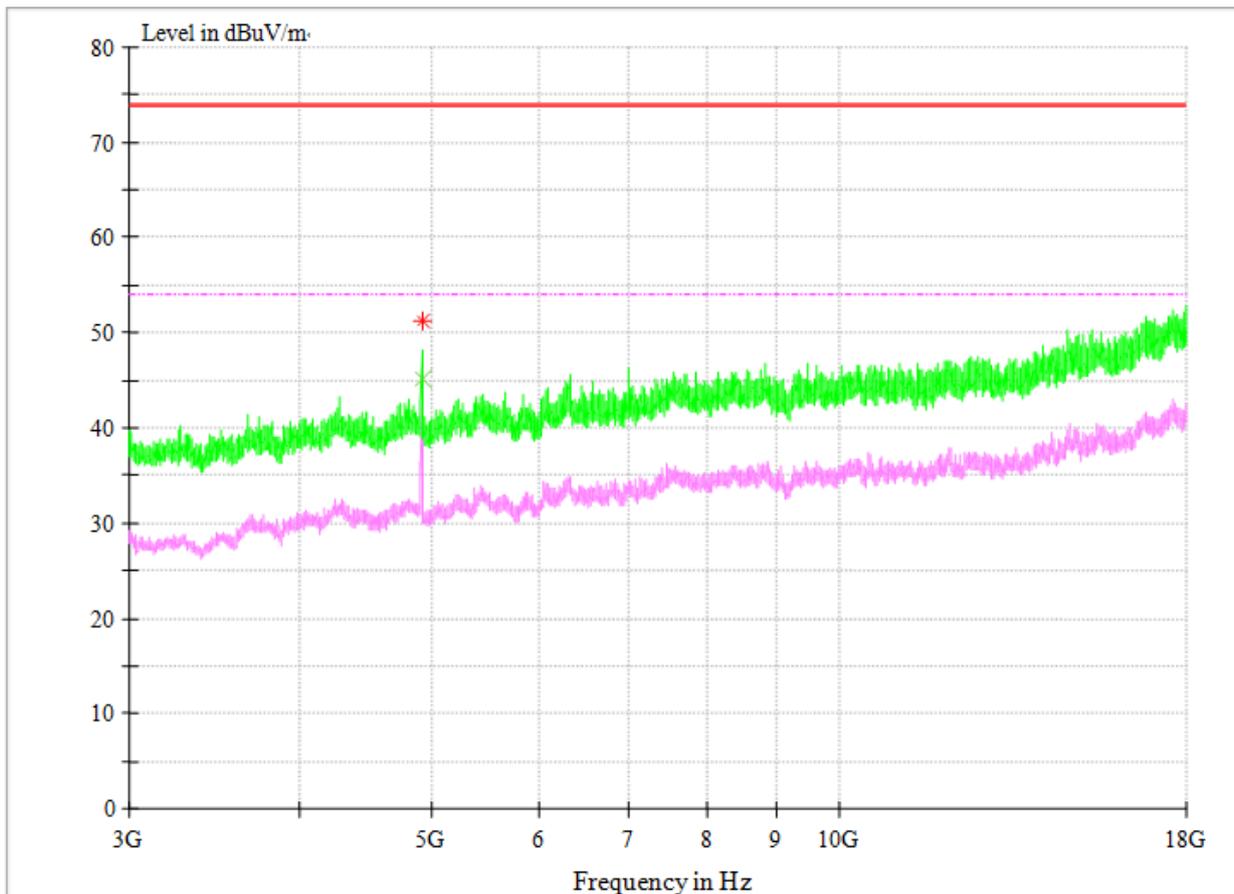
Note2:

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

Margin=Limit-Level. The reading level is calculated by software which is not shown in the sheet.

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

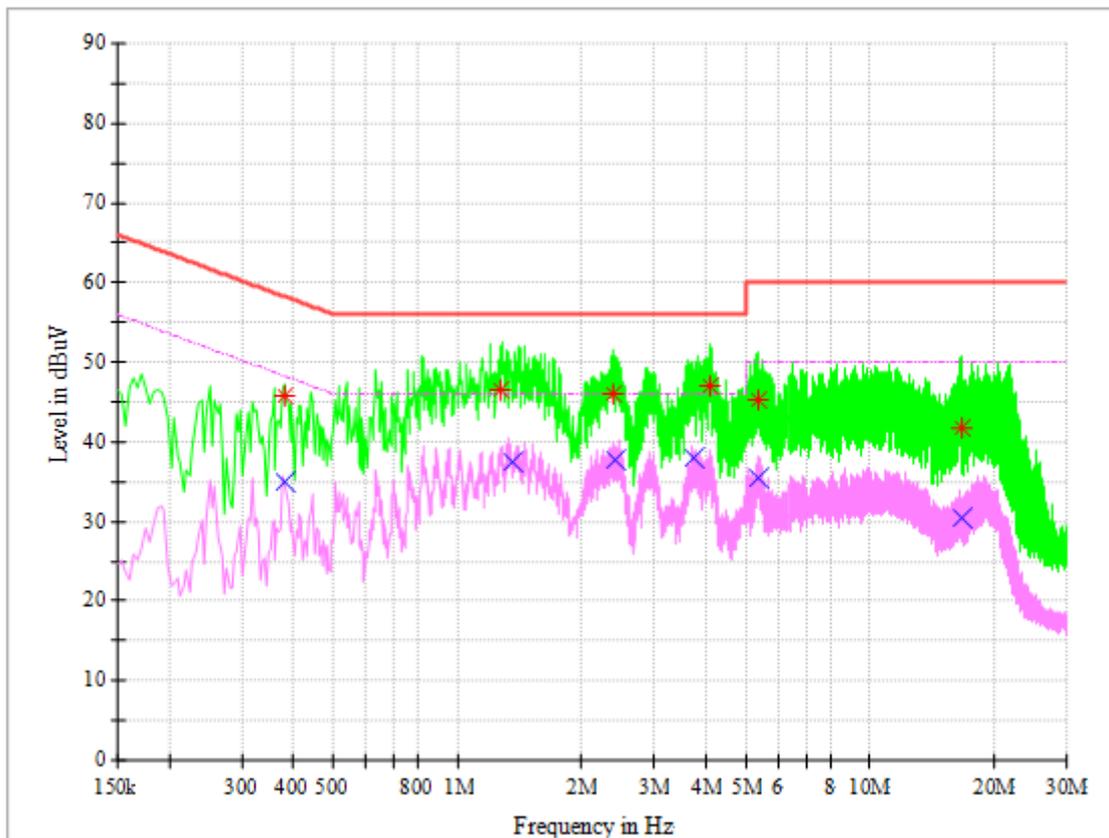


1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

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



**MEASUREMENT RESULT: AV Detector**

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.379604	34.90	48.29	9.7	13.39	N	FLO
1.359556	37.40	46.00	9.7	8.60	N	FLO
2.424294	37.65	46.00	9.7	8.35	L	FLO
3.727063	37.99	46.00	9.7	8.01	N	FLO
5.341109	35.47	50.00	9.8	14.53	L	FLO
16.621478	30.39	50.00	10.1	19.62	N	FLO

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.381541	45.70	58.25	9.7	12.55	L	FLO
1.274767	46.58	56.00	9.7	9.42	N	FLO
2.383434	45.96	56.00	9.7	10.04	L	FLO
4.107604	46.99	56.00	9.8	9.01	N	FLO
5.351671	45.30	60.00	9.8	14.70	L	FLO
16.704708	41.67	60.00	10.1	18.33	N	FLO

Note2:

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

Margin = Limit - Level. The reading level is calculated by software which is not shown in the sheet.

END