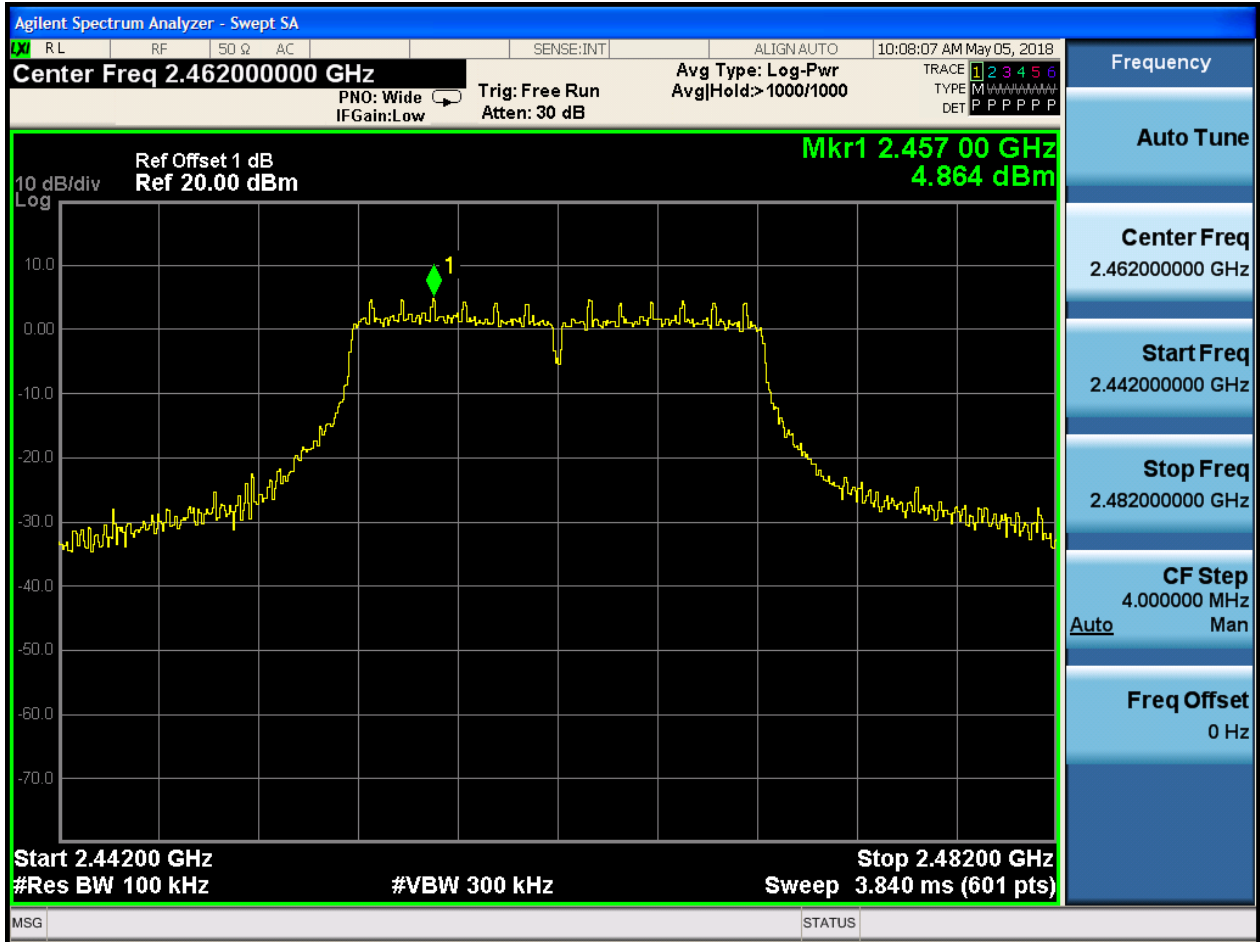


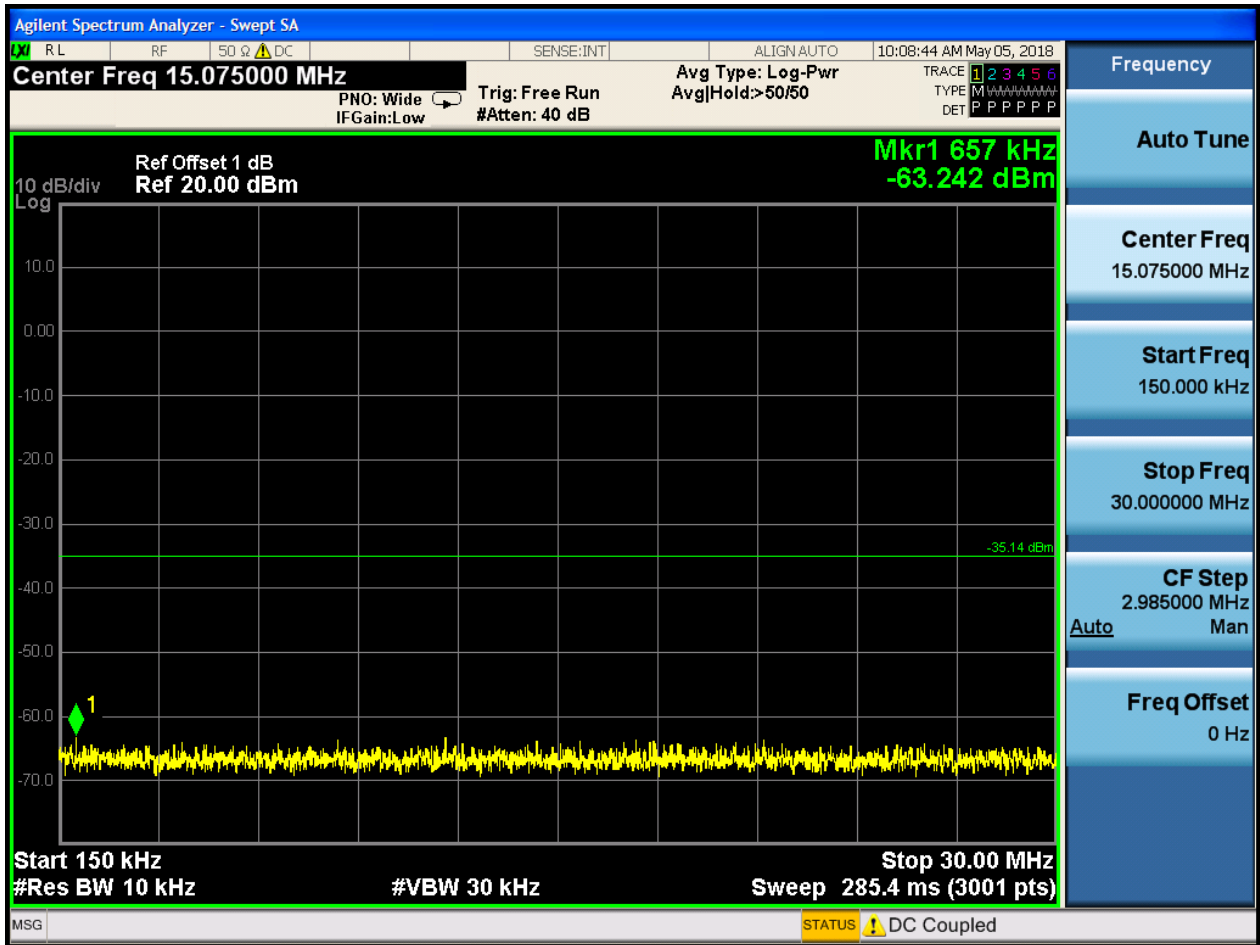


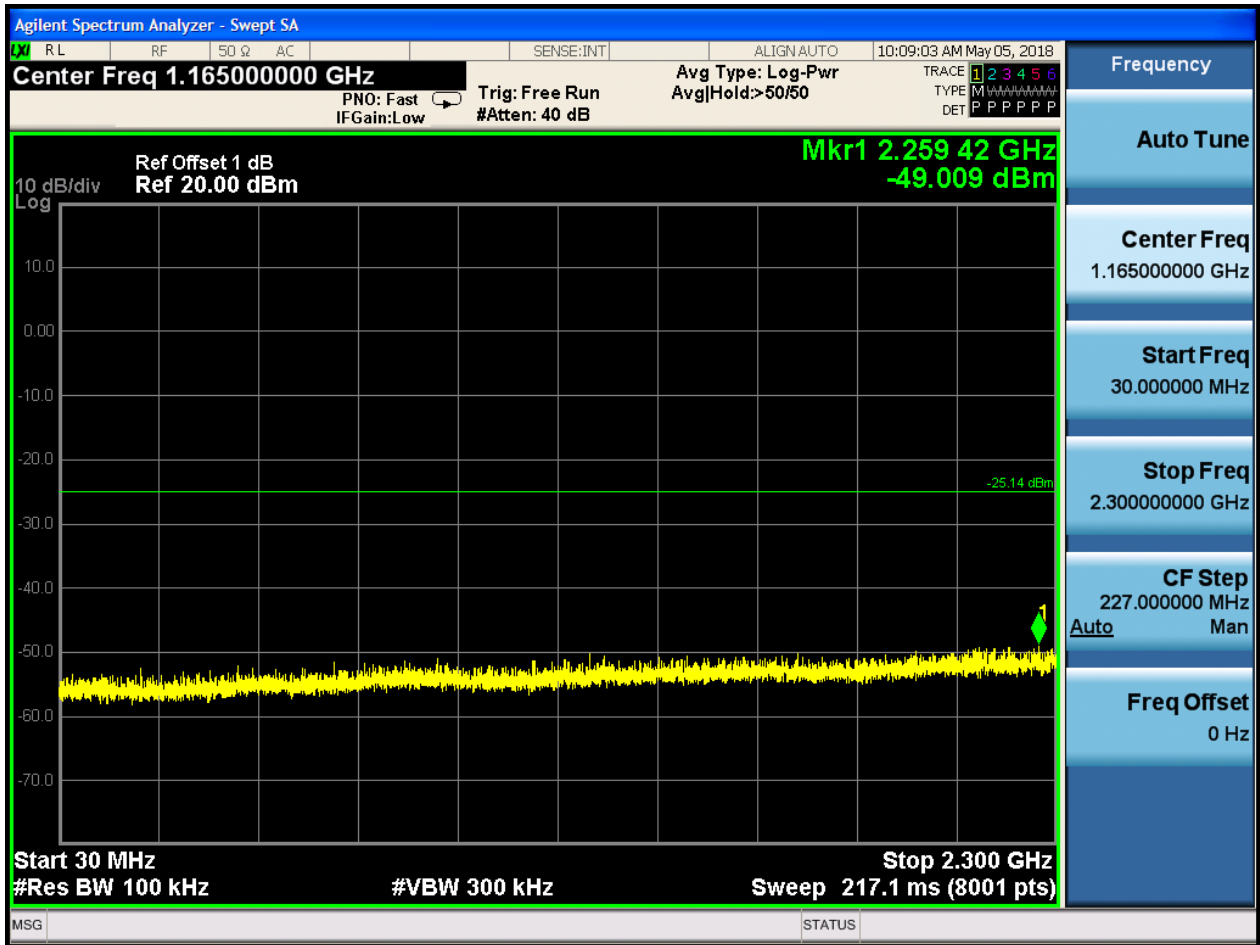


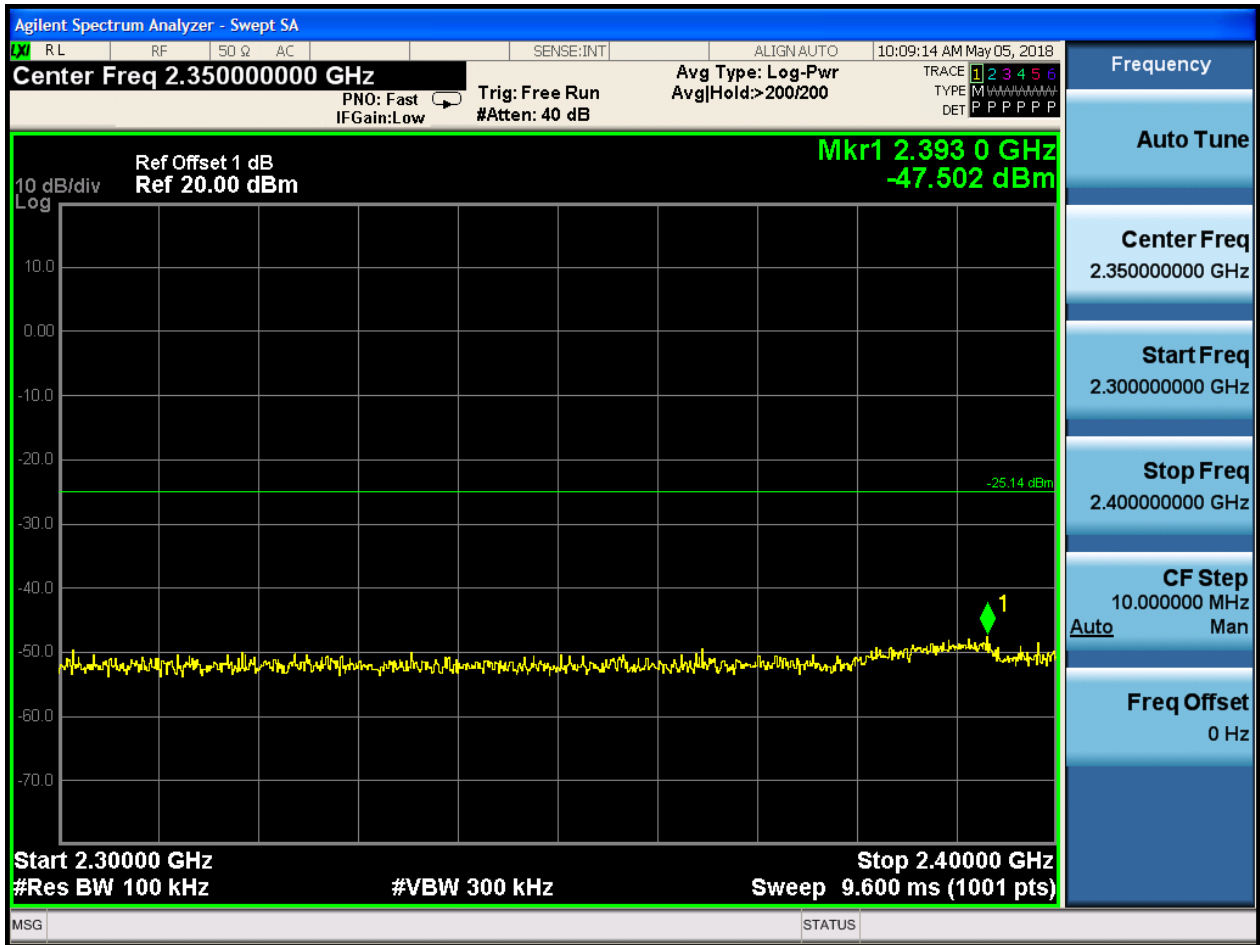
2.8 11G_H_2462@Ant 1

Pref:













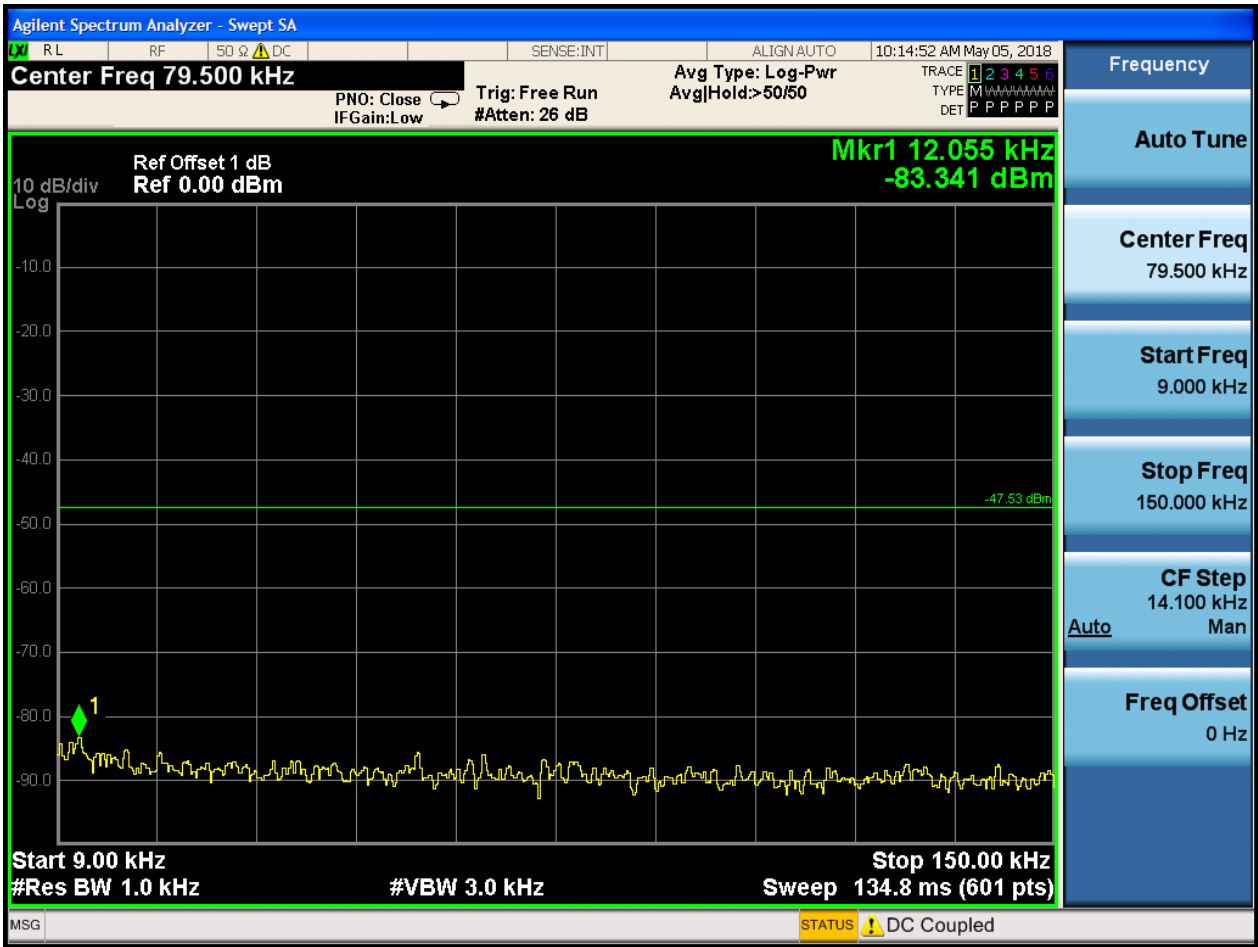
2.9 11N20_L_2412@Ant 1

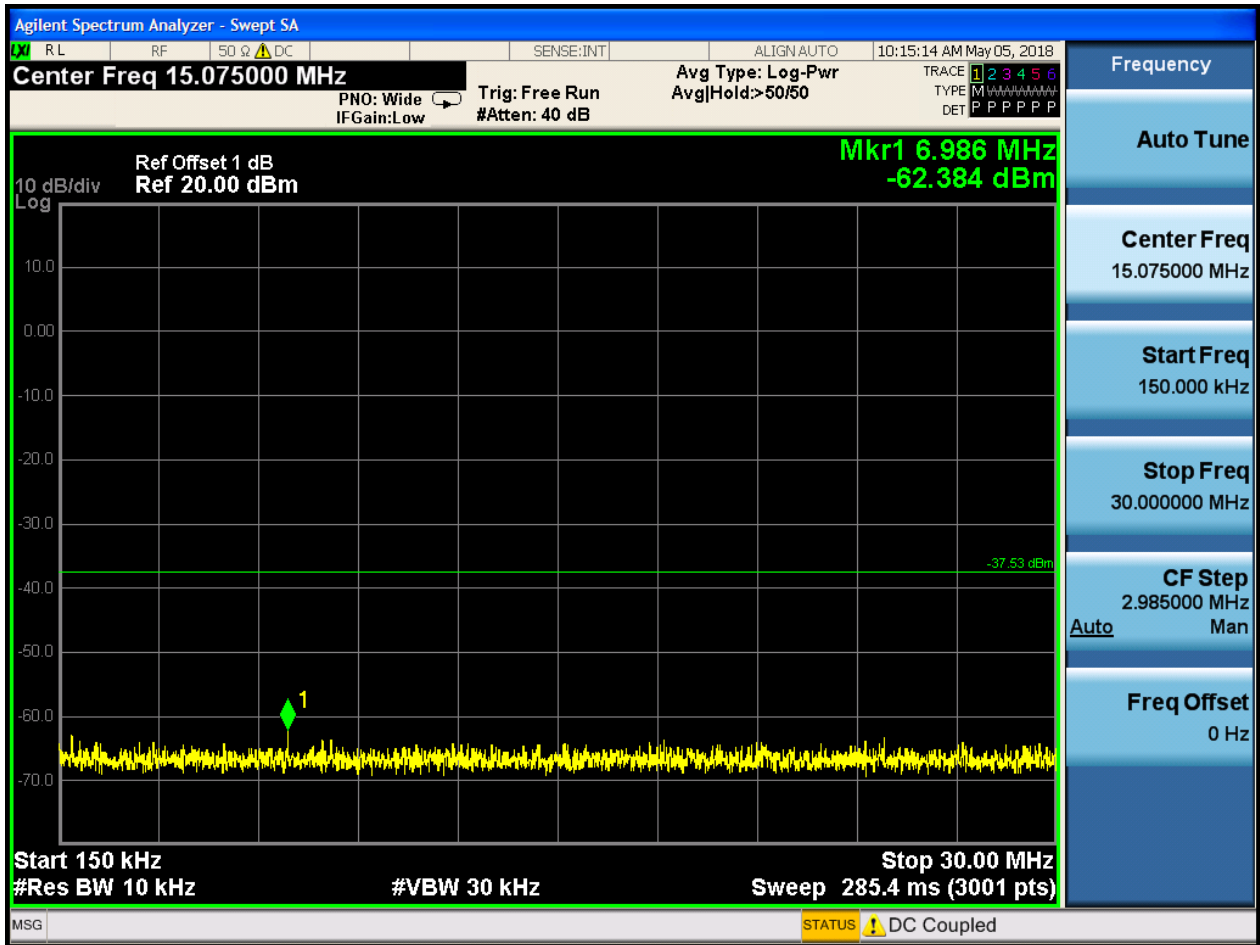
Pref:

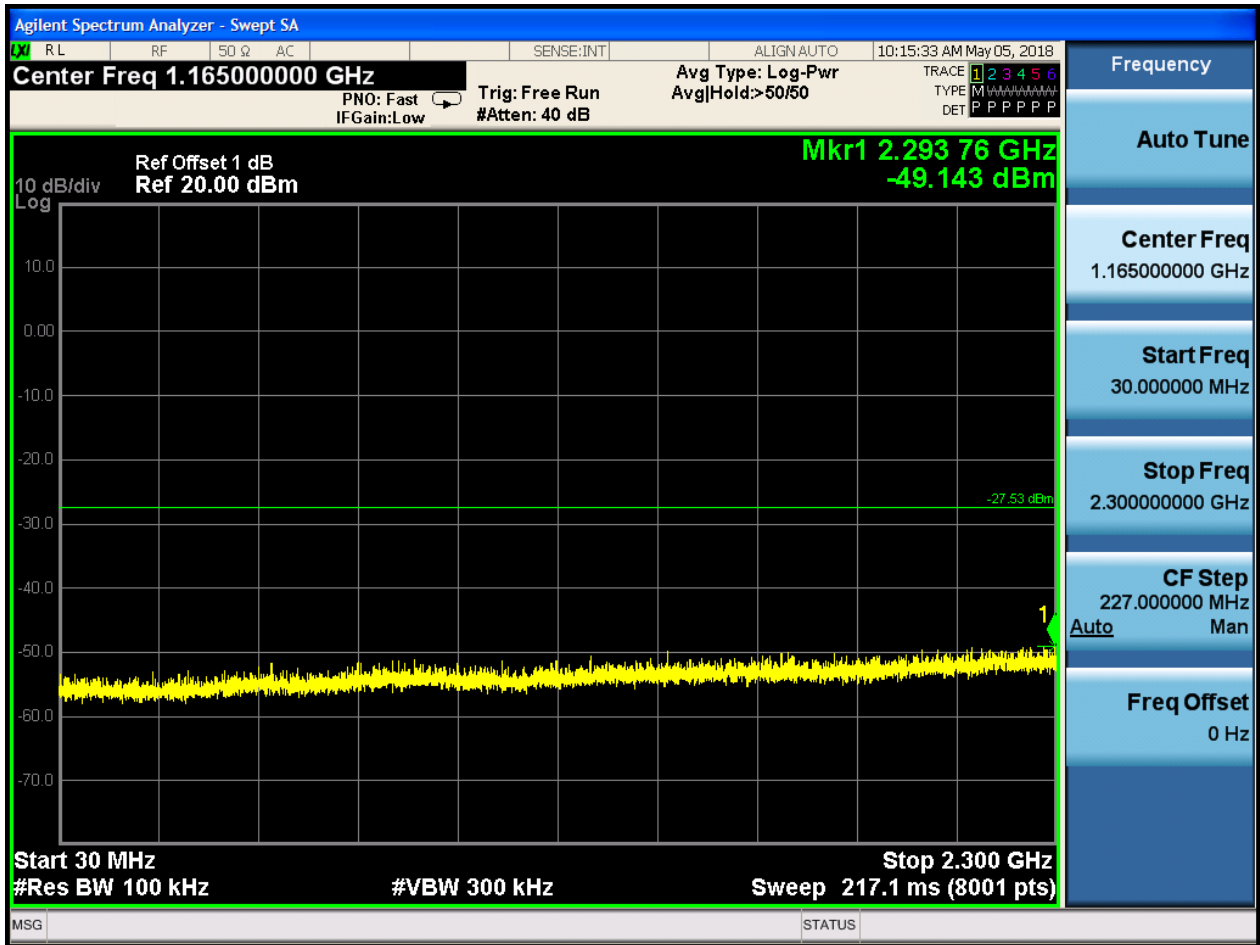


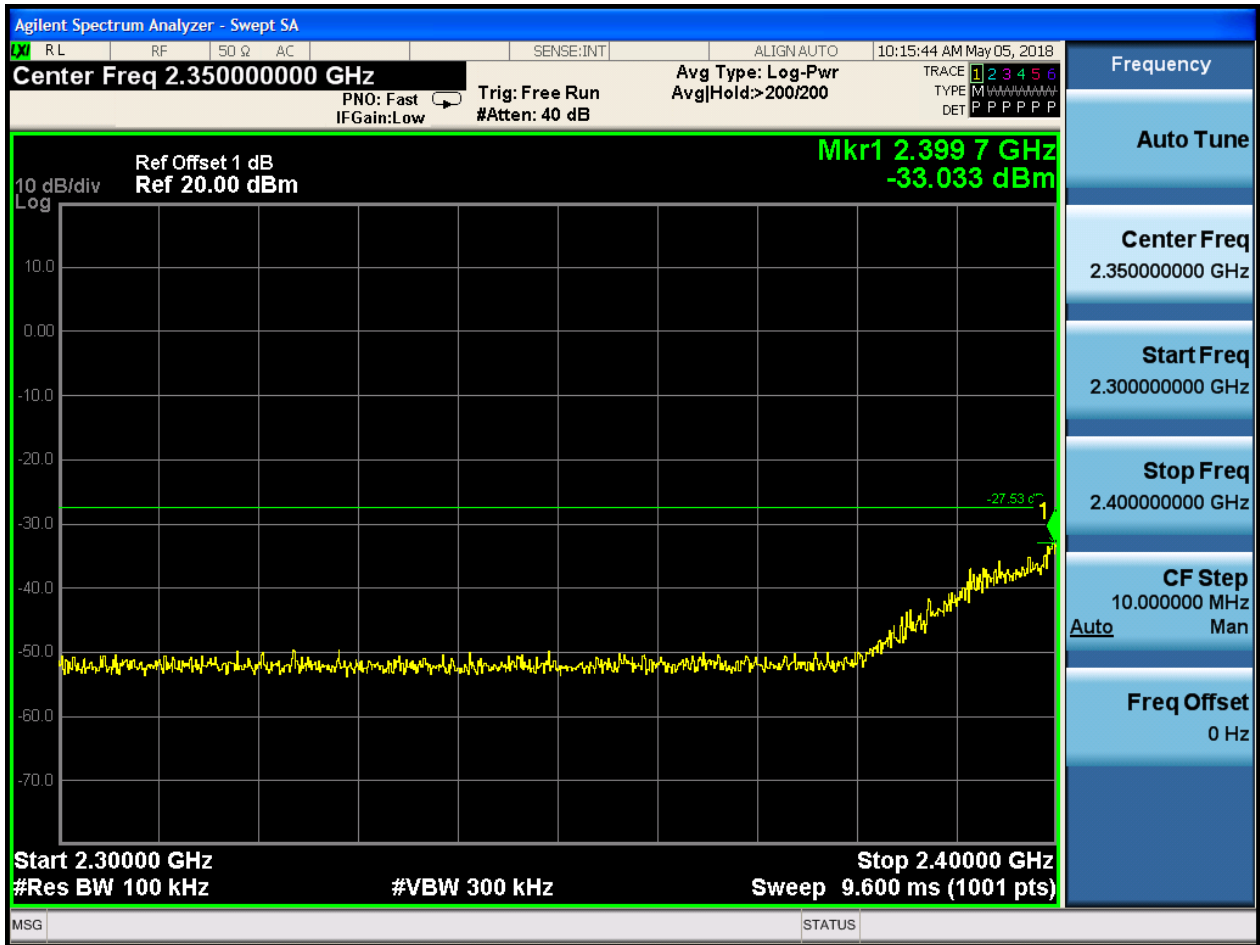


Puw:







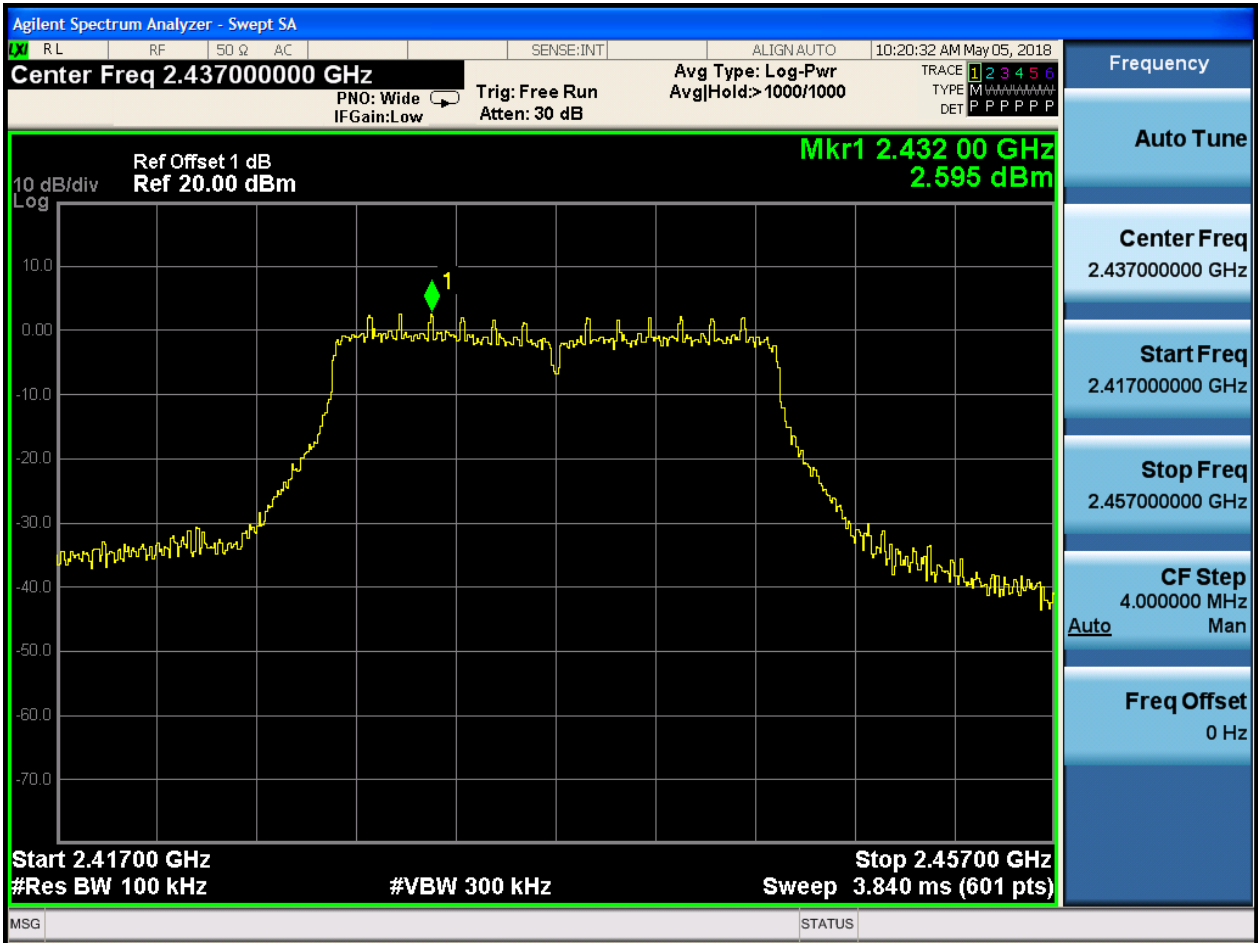






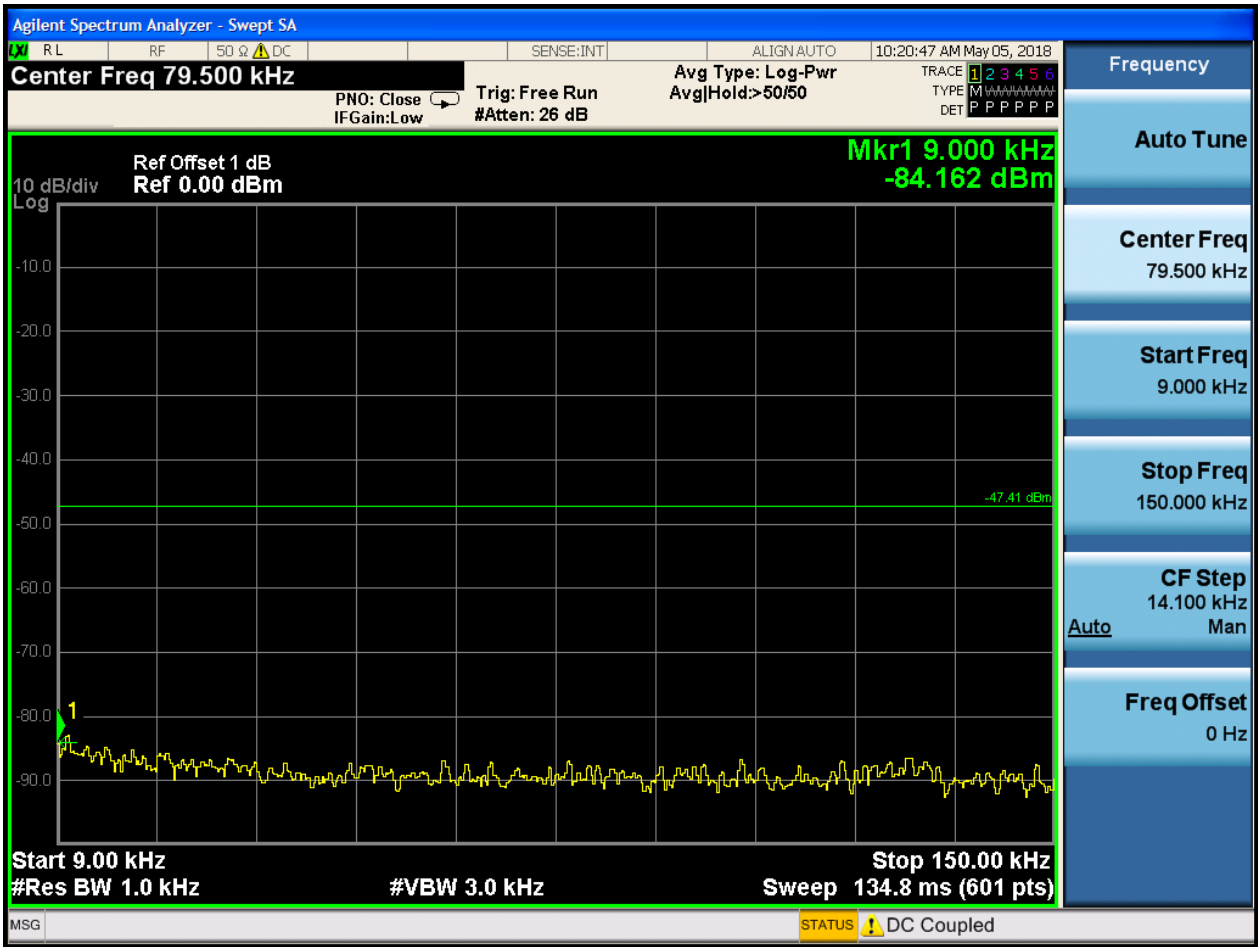
2.10 11N20_M_2437@Ant 1

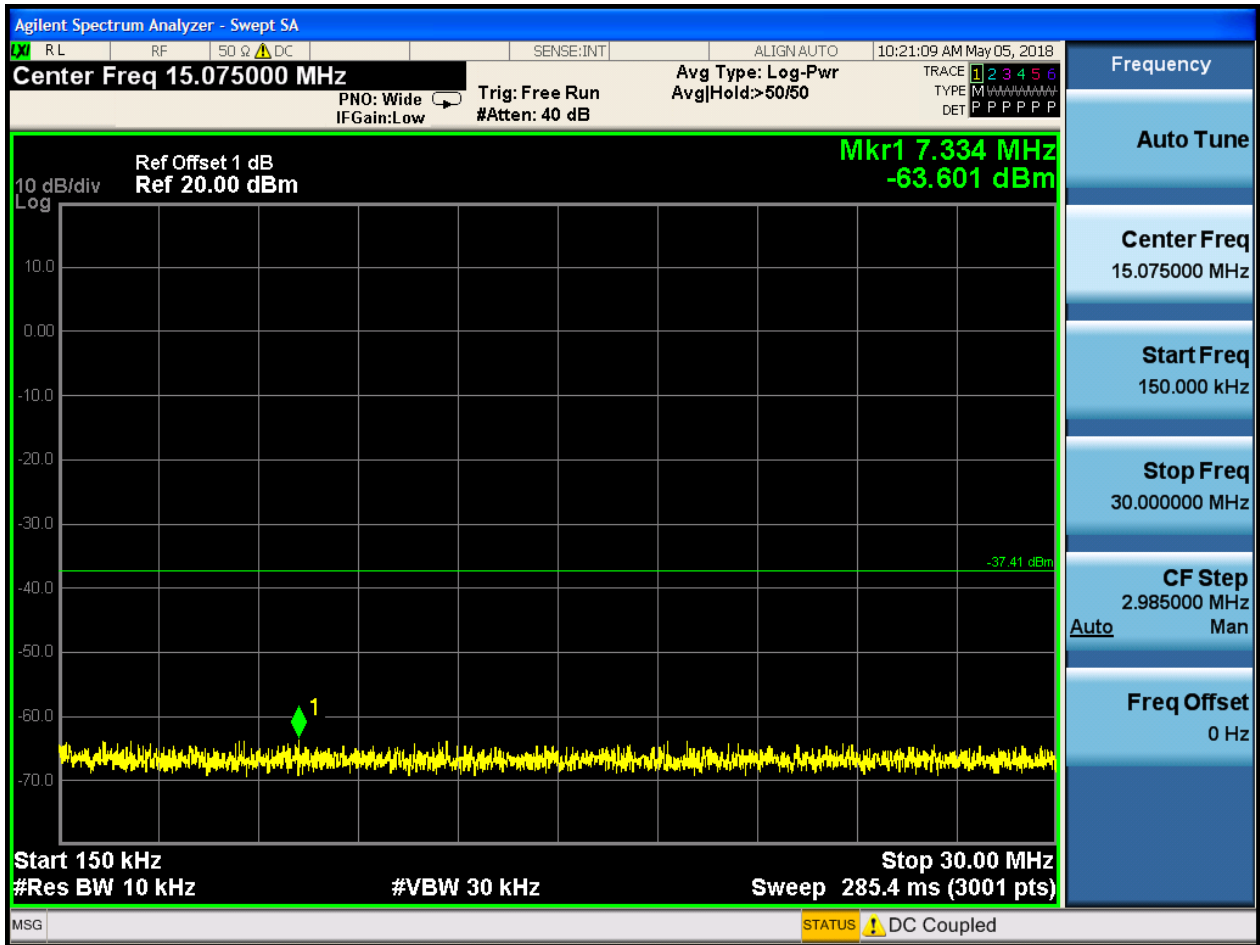
Pref:

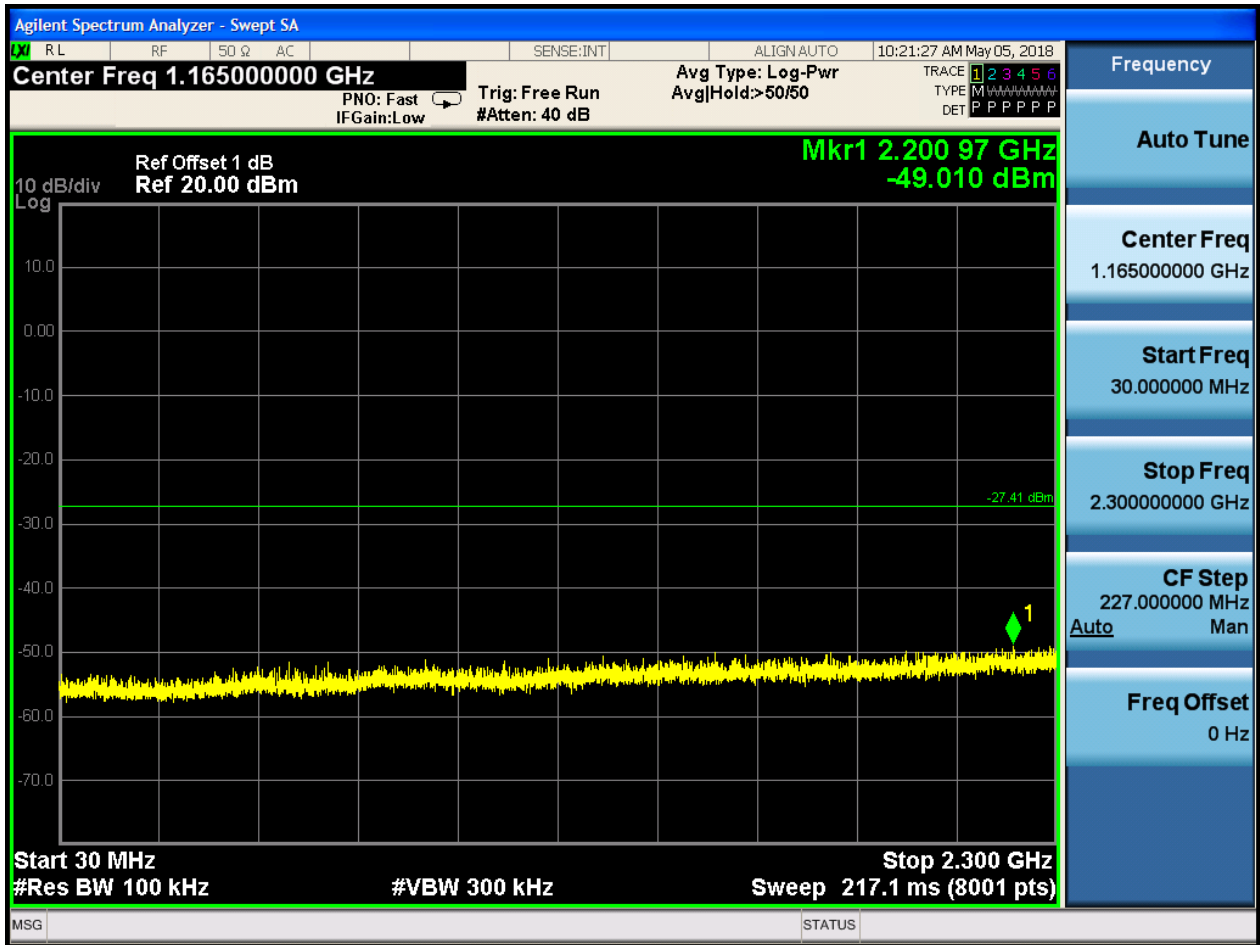


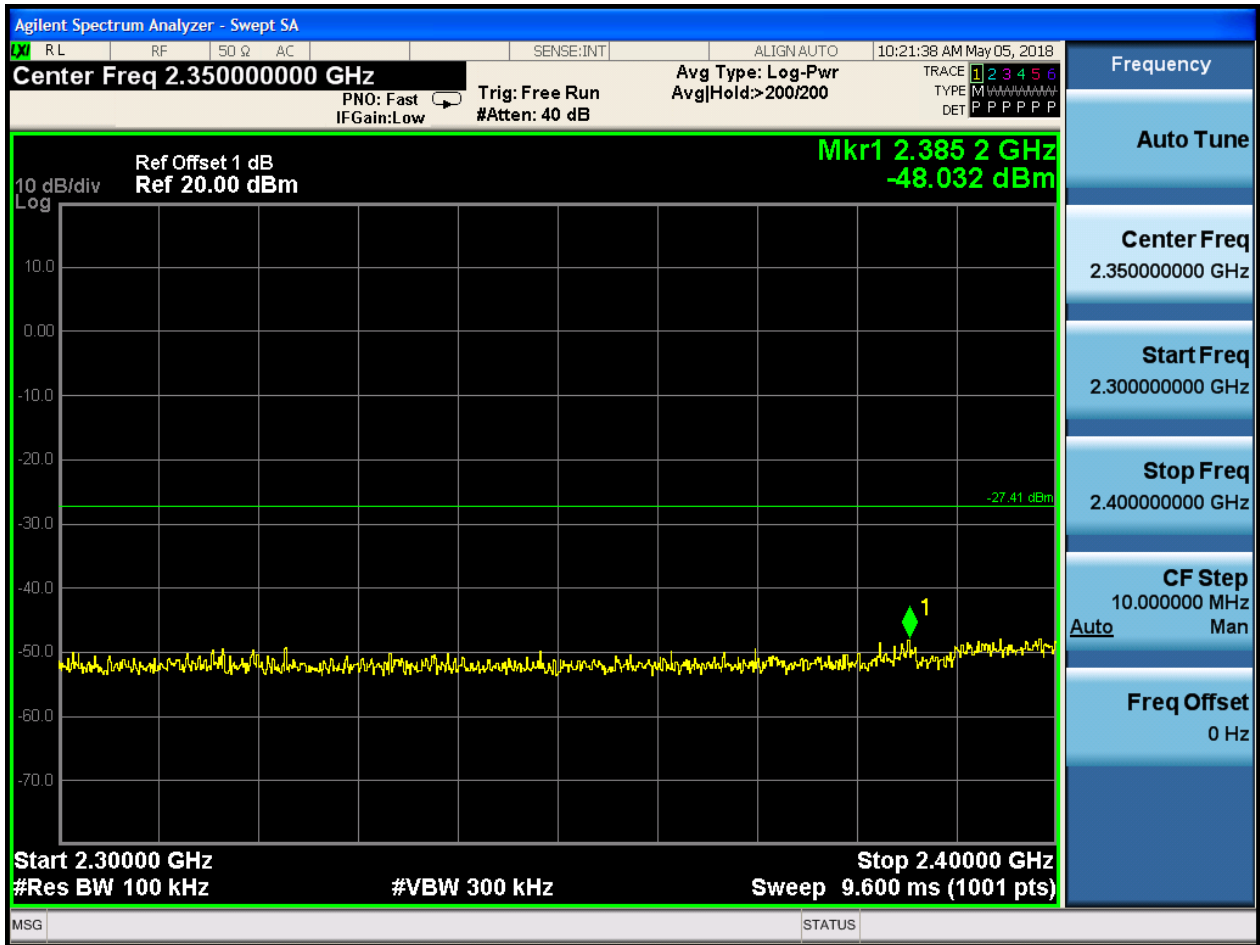


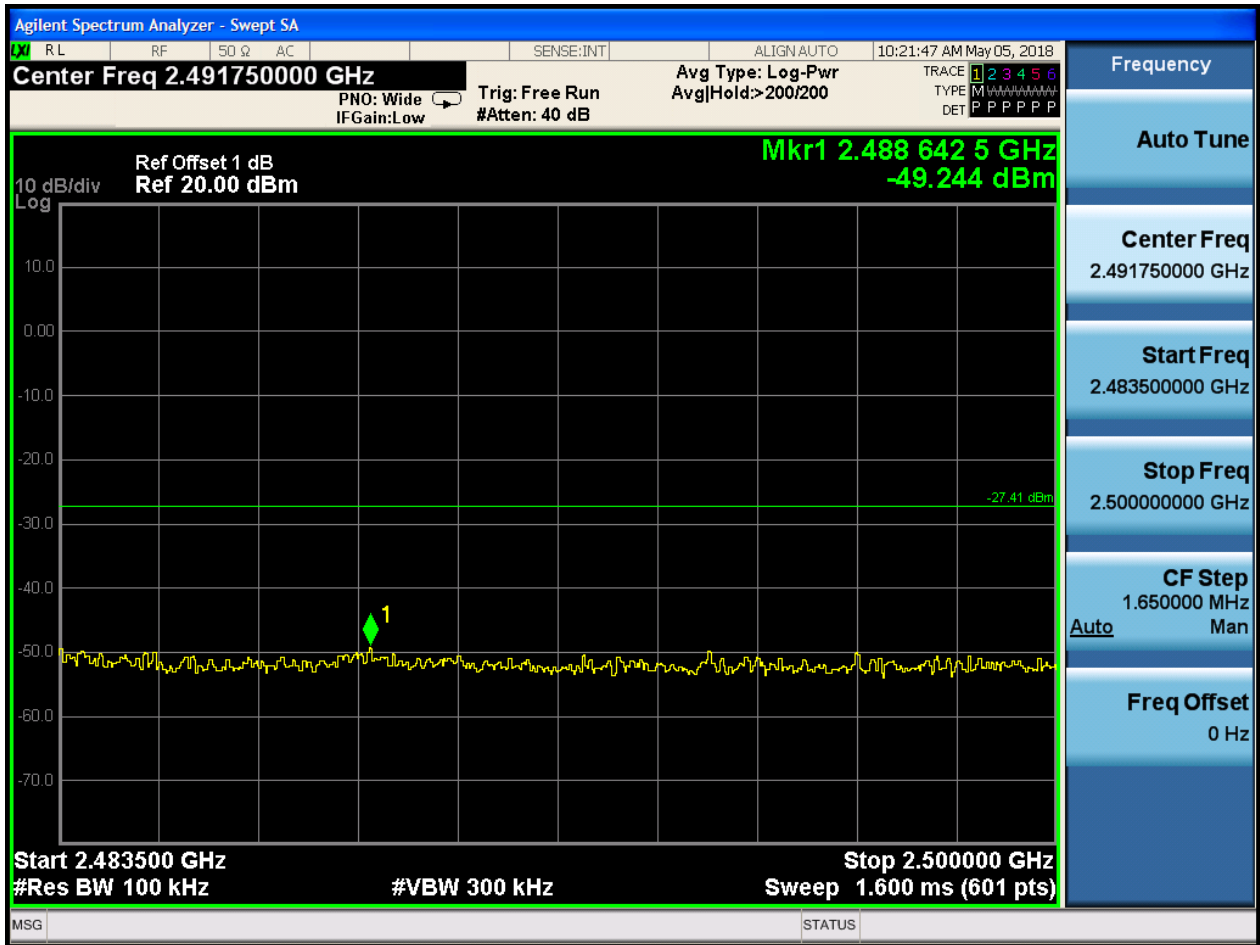
P_{uw}:















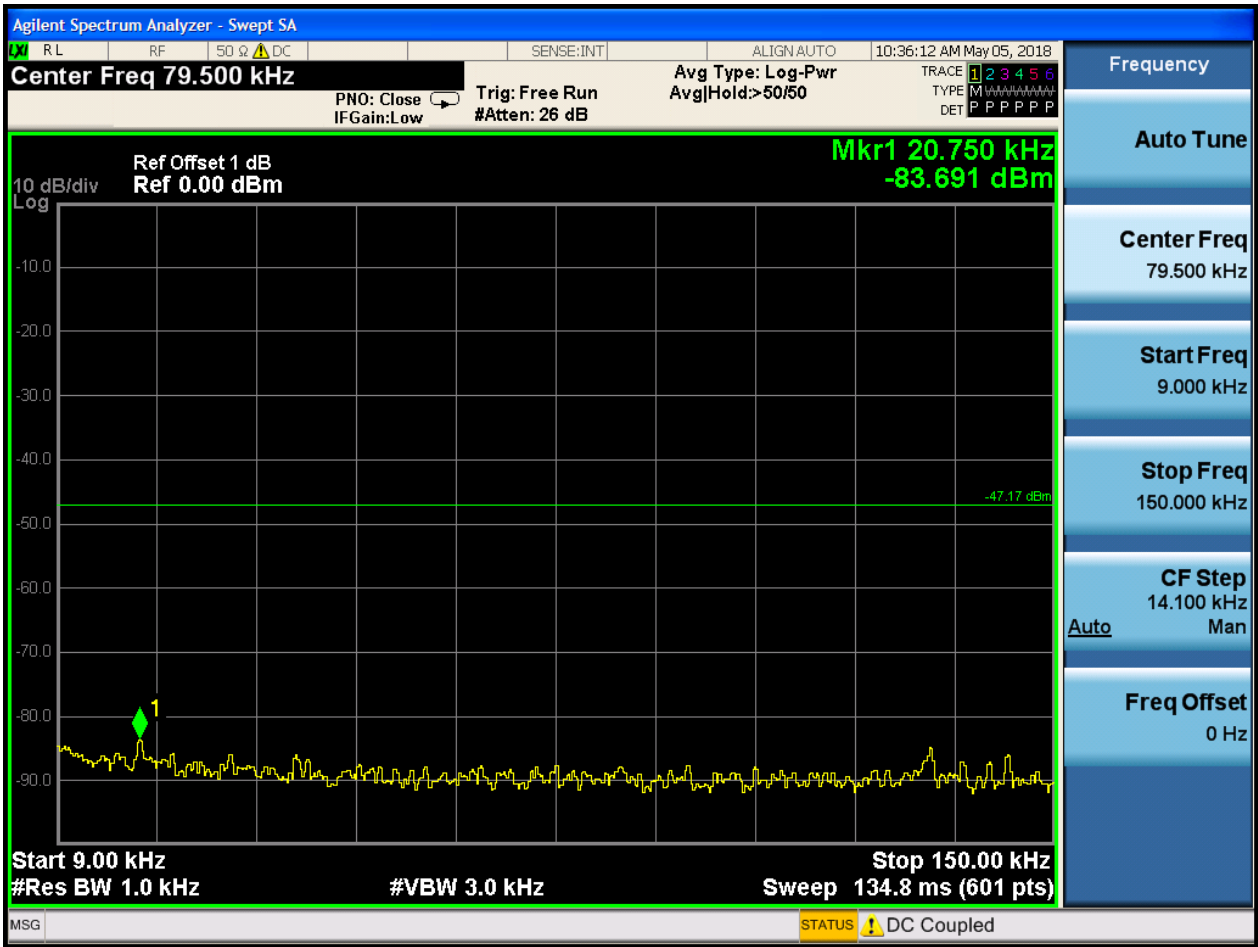
2.11 11N20_H_2462@Ant 1

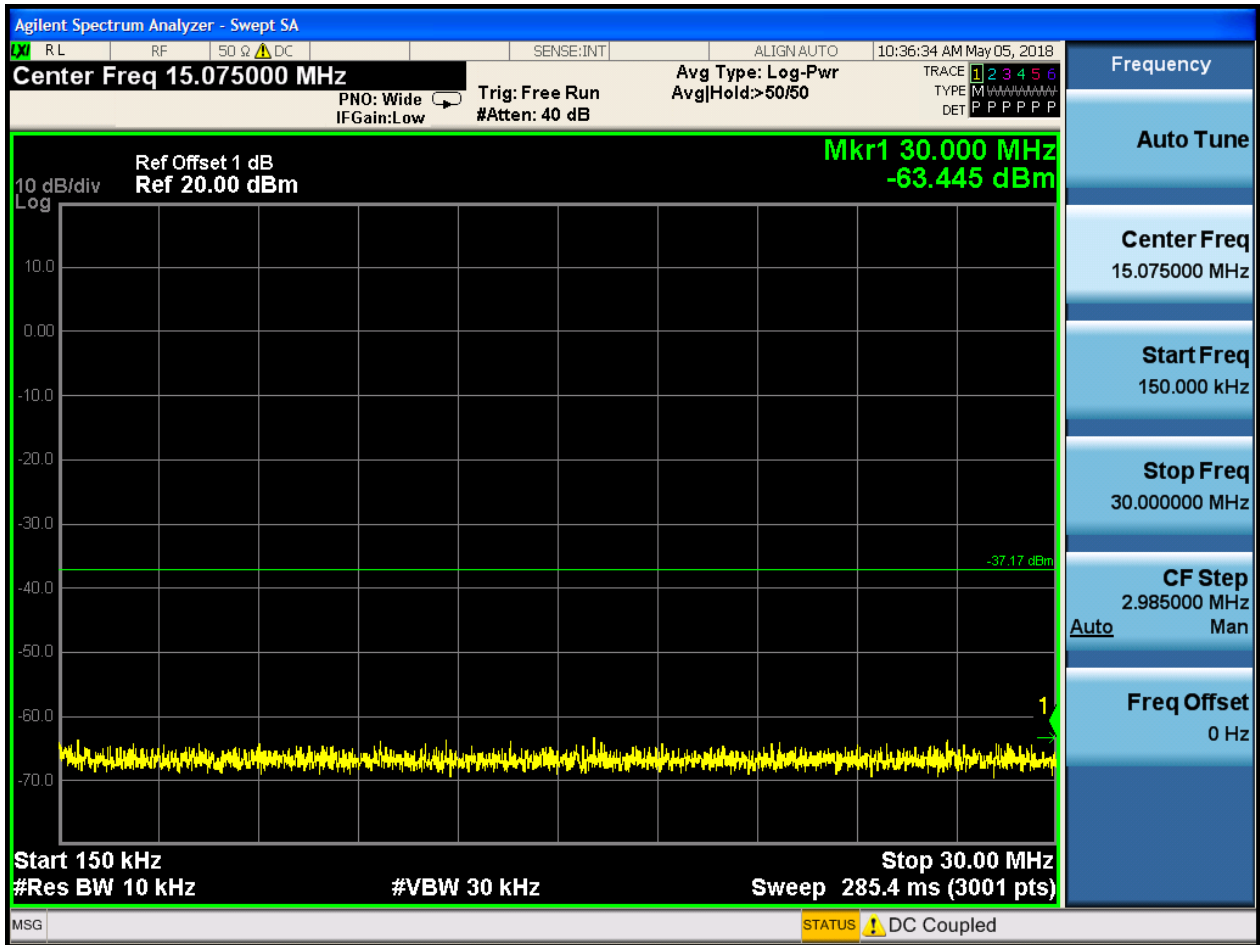
Pref:

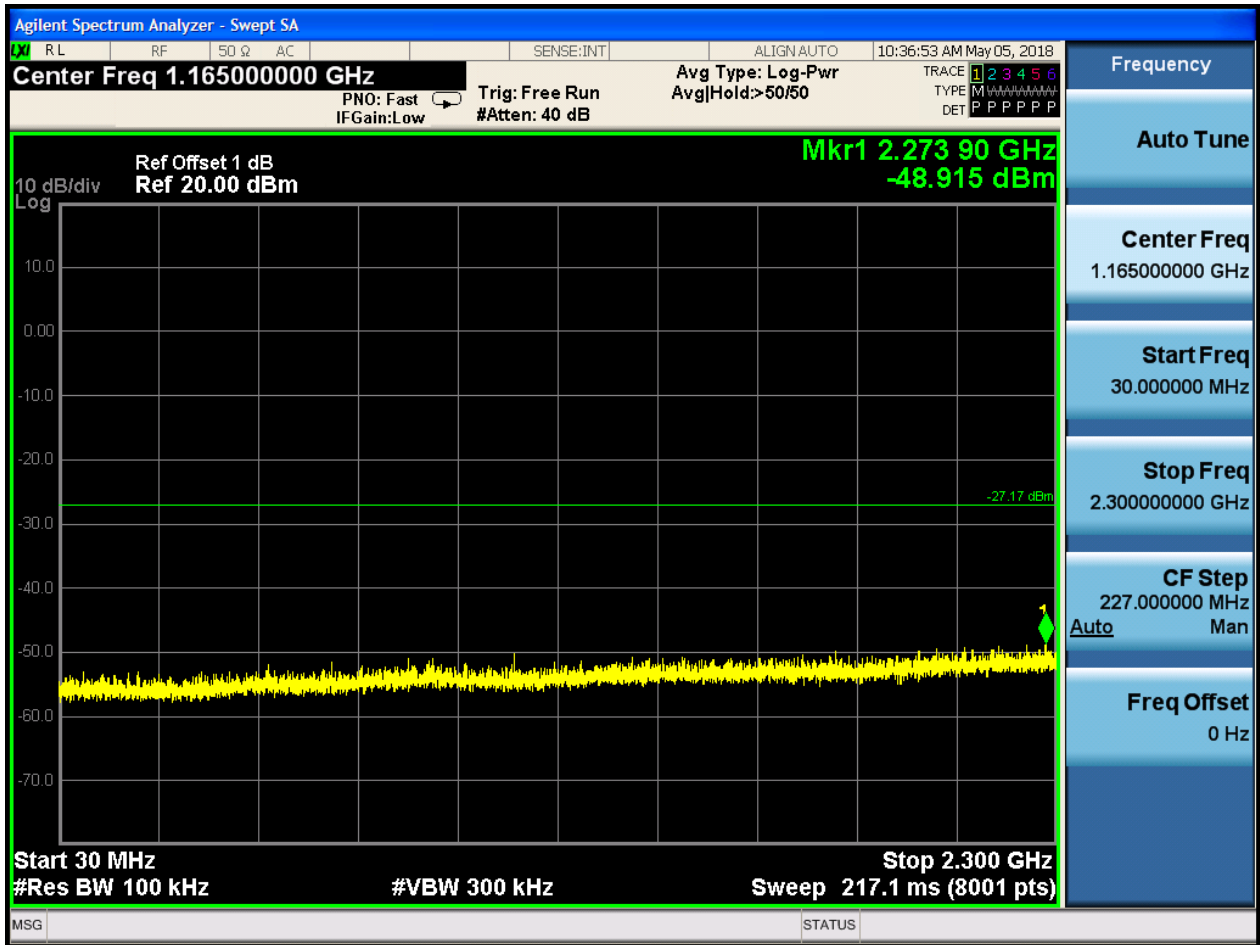


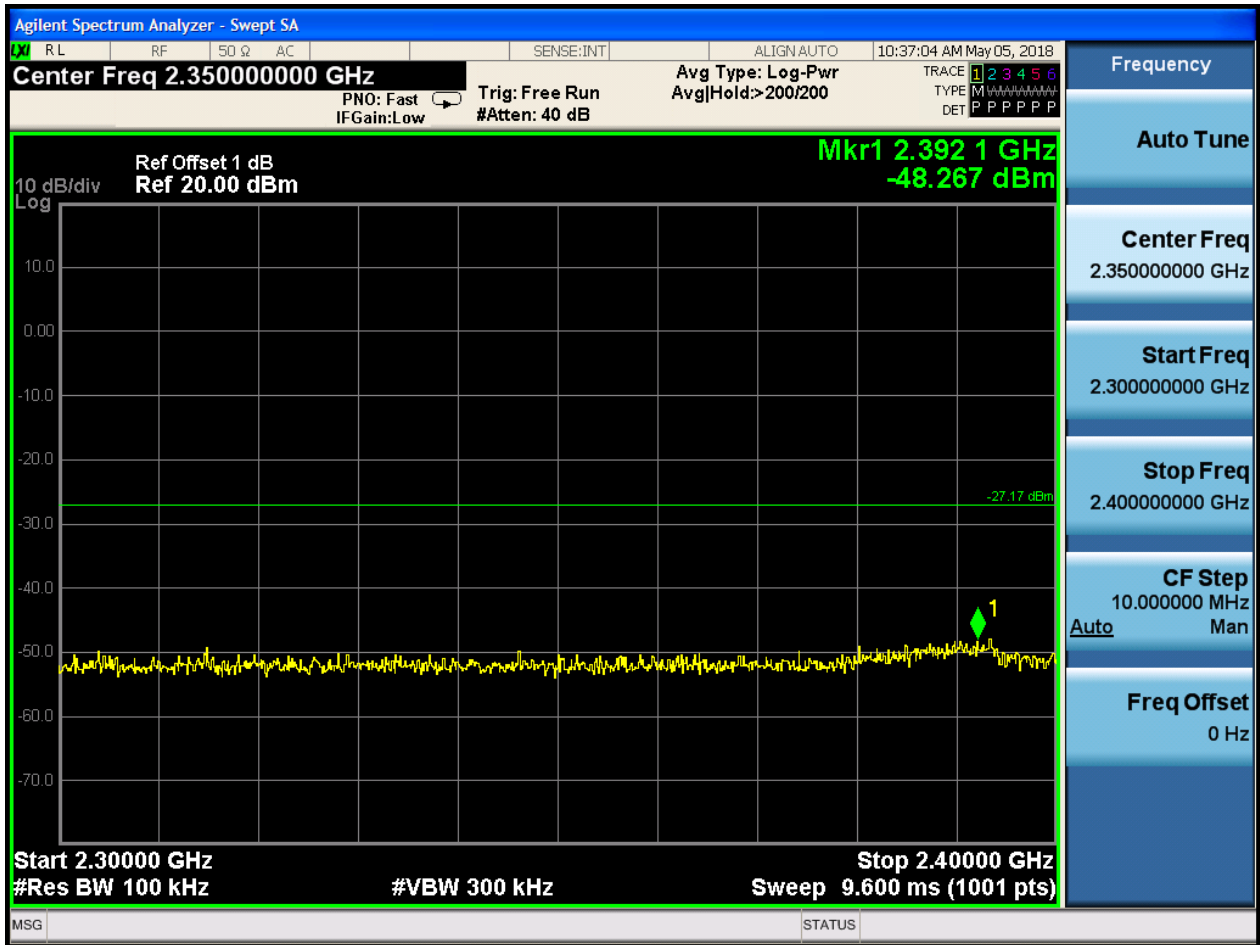


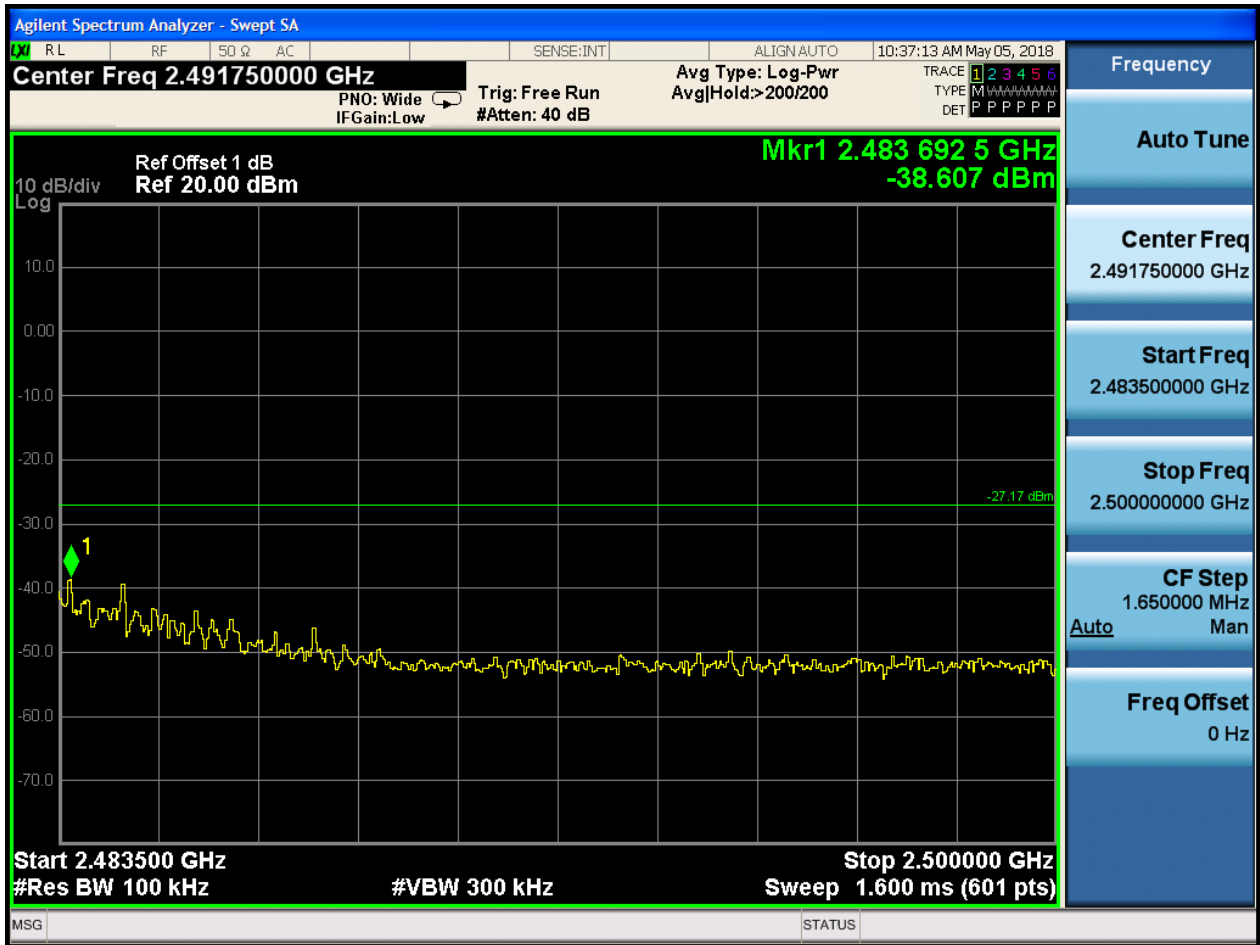
P_{uw}:









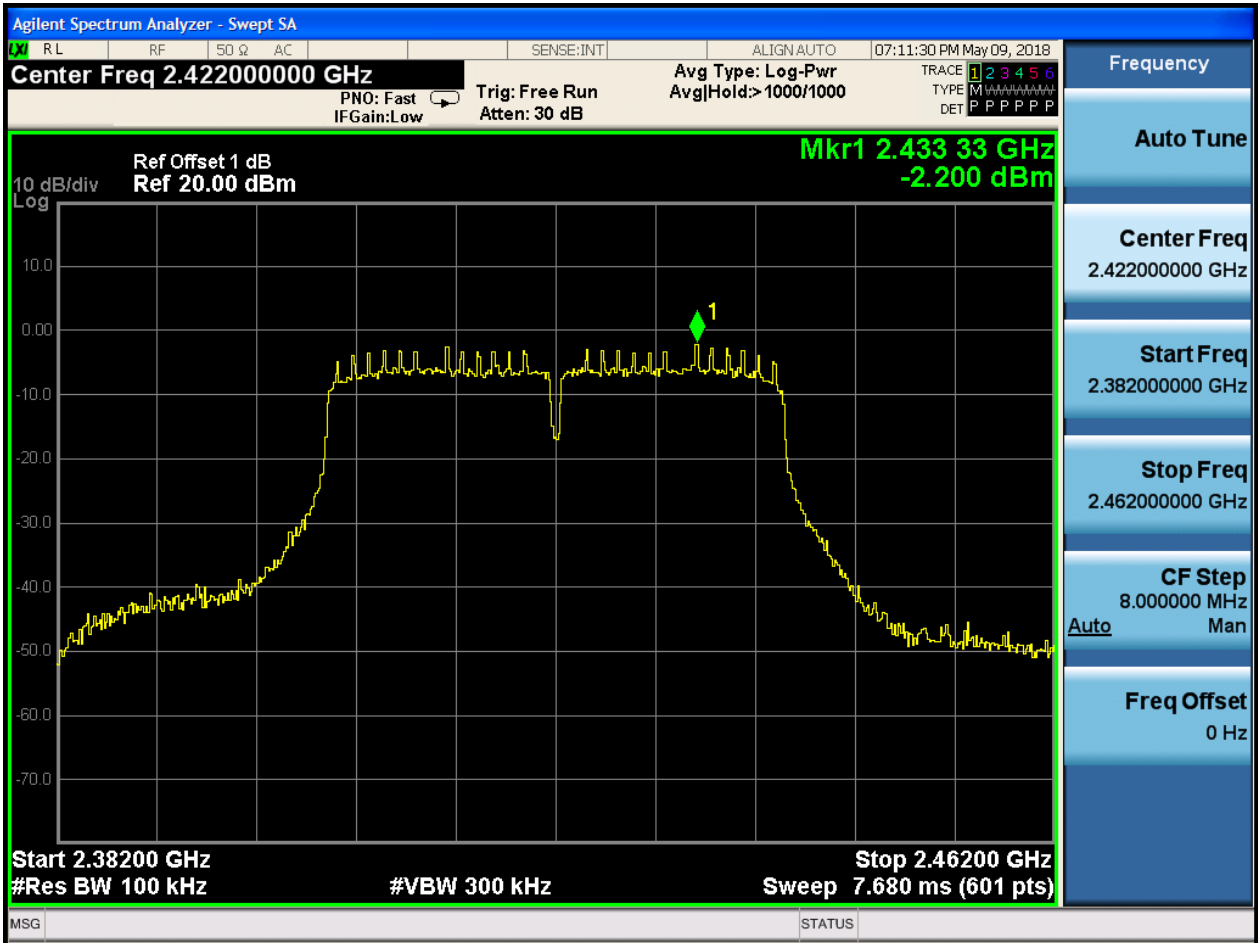






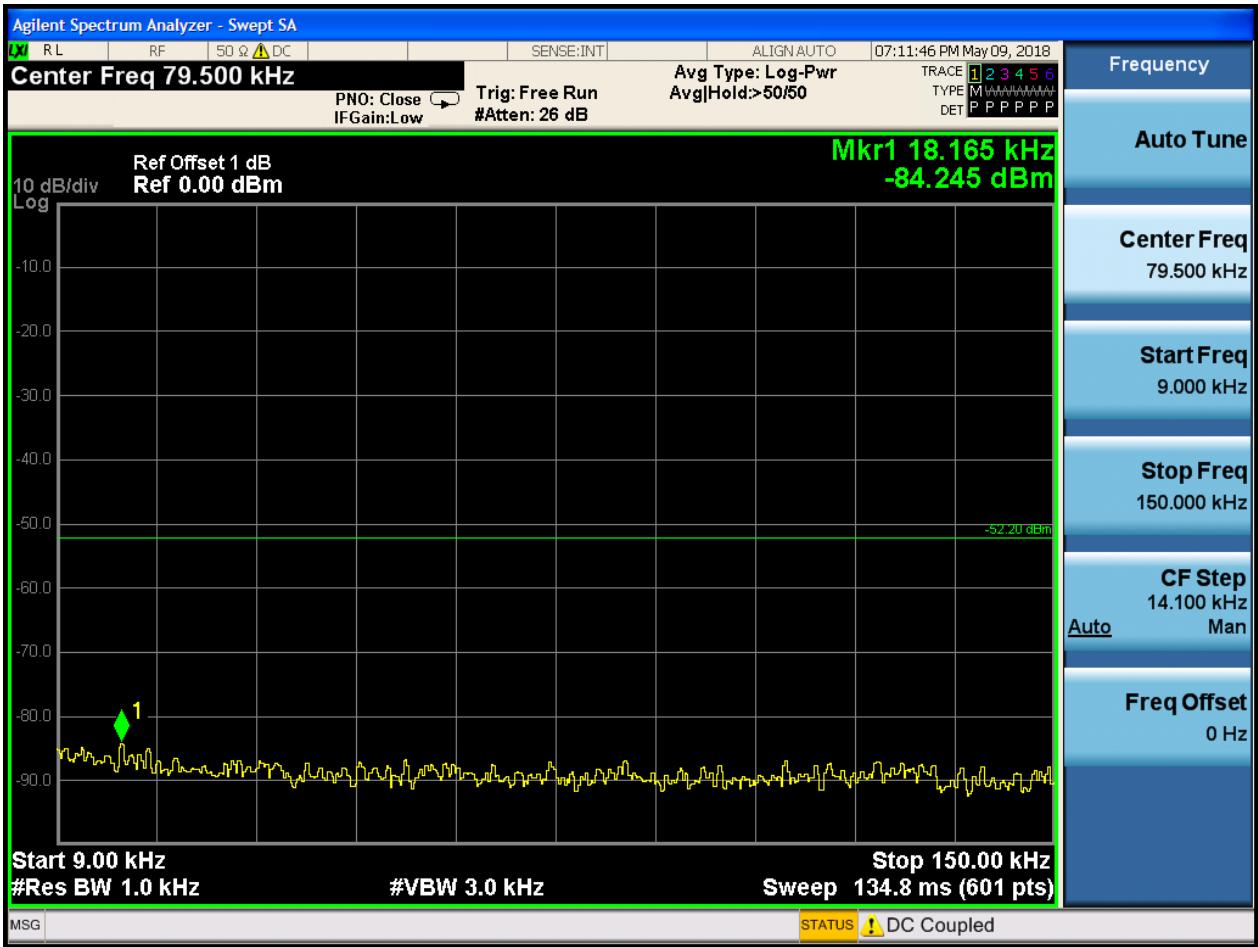
2.12 11N40_L_2422@Ant 1

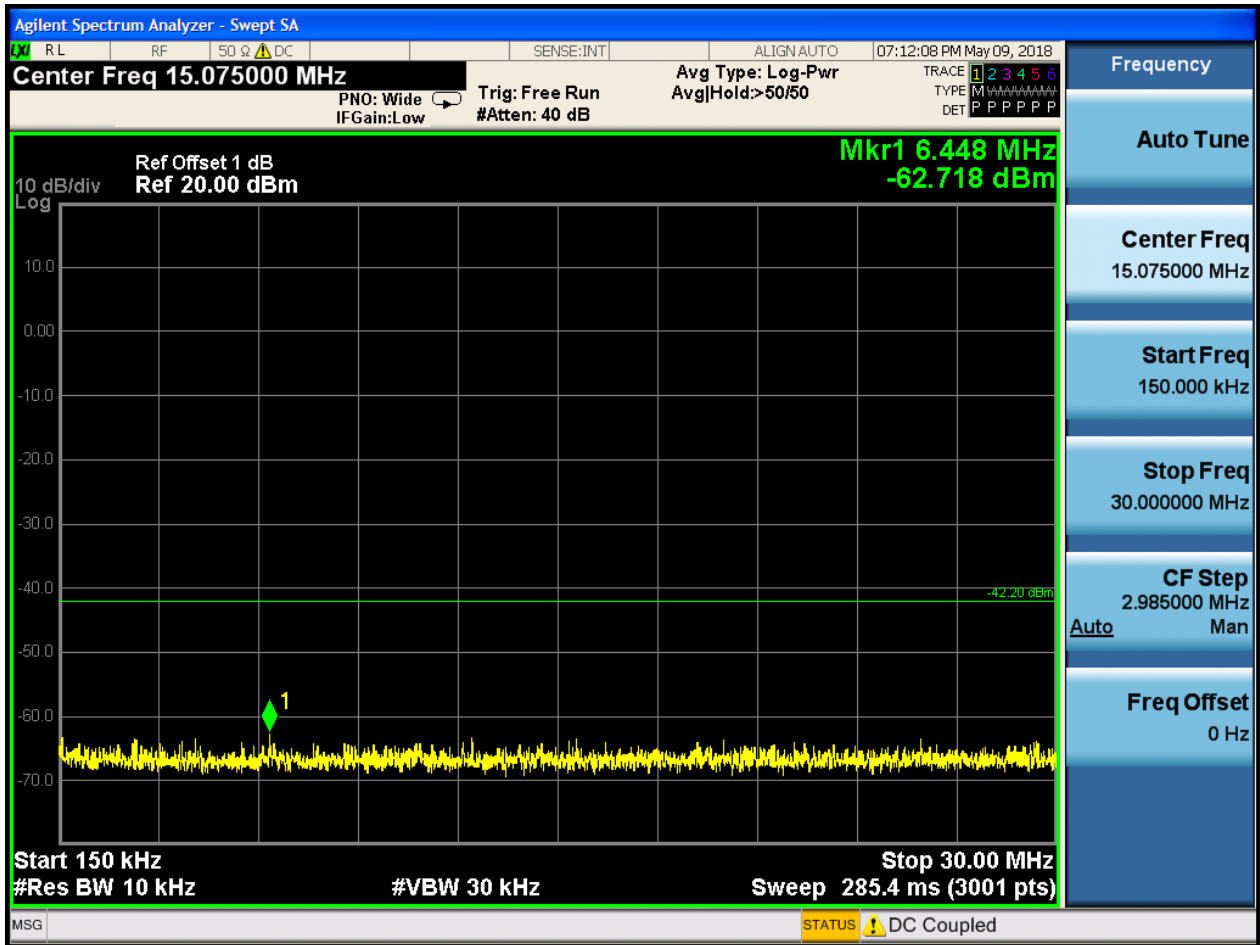
Pref:



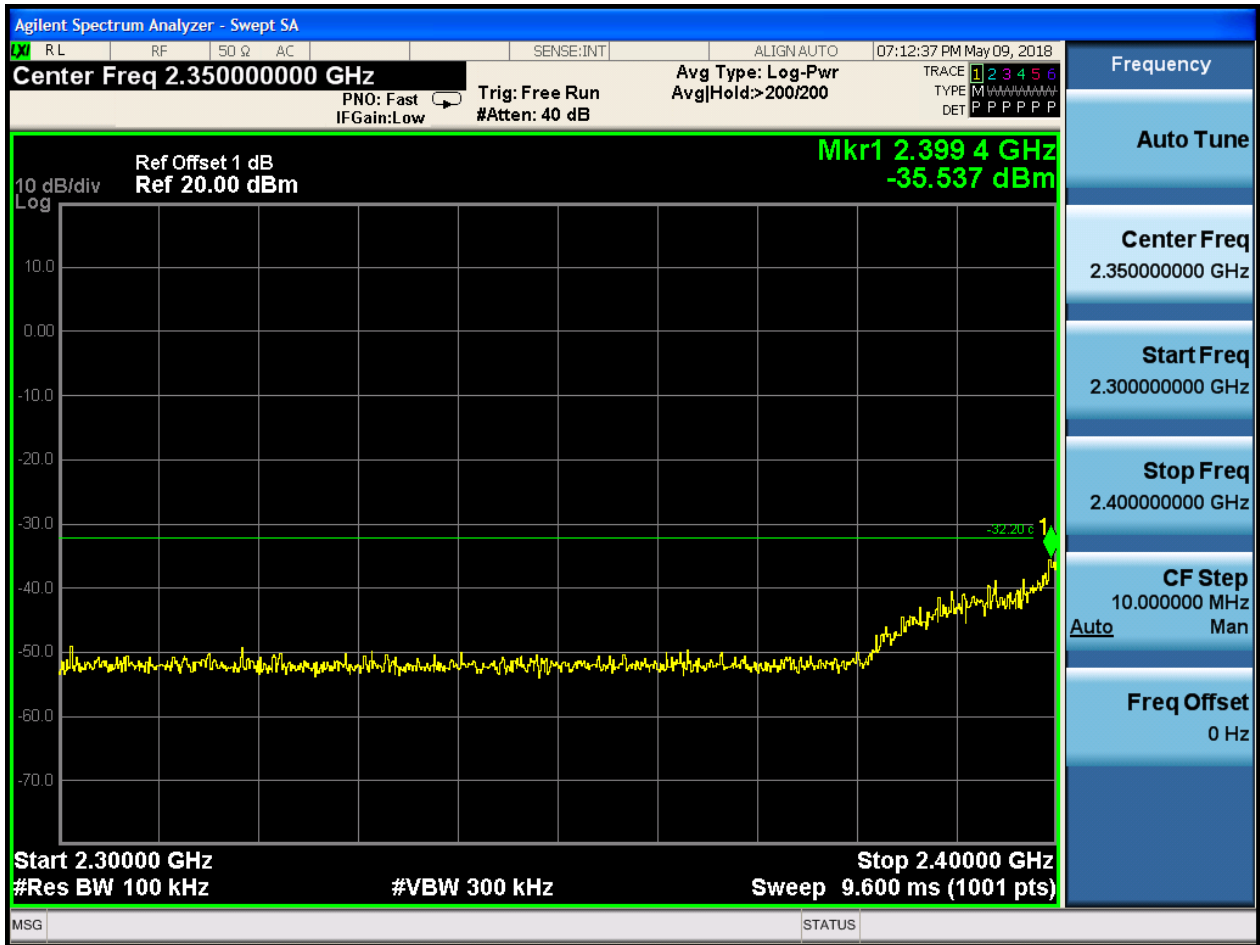


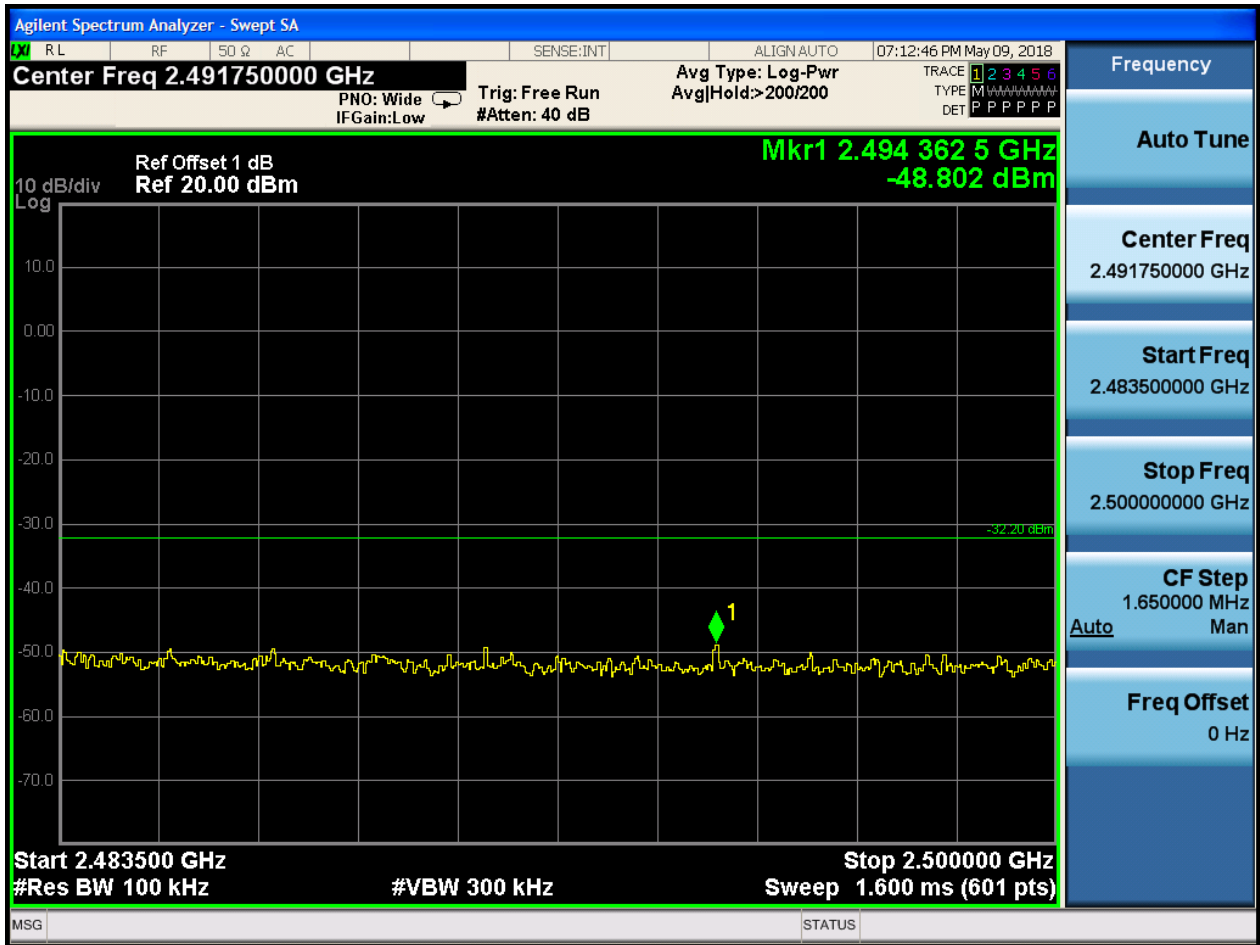
P_uw:









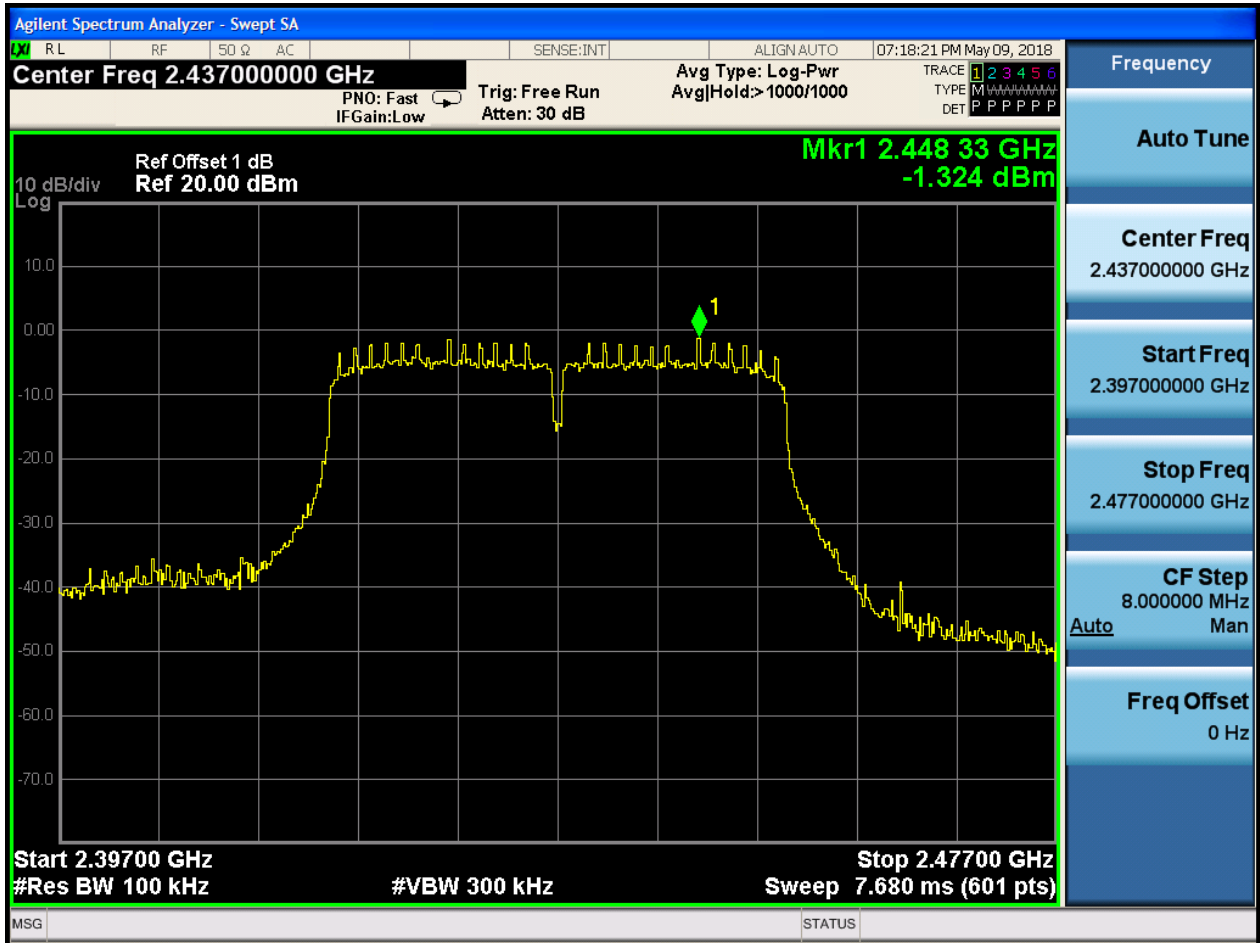






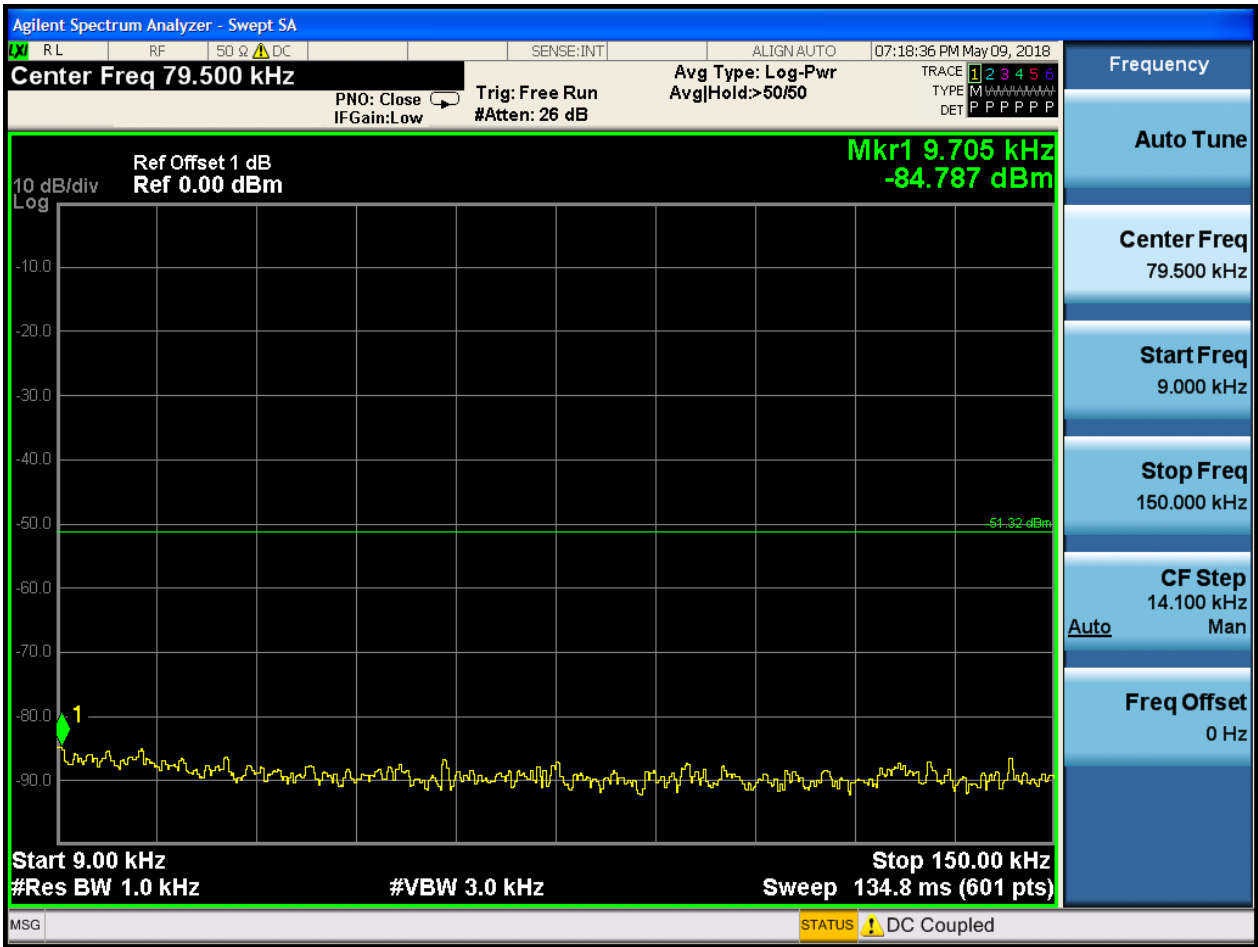
2.13 11N40_M_2437@Ant 1

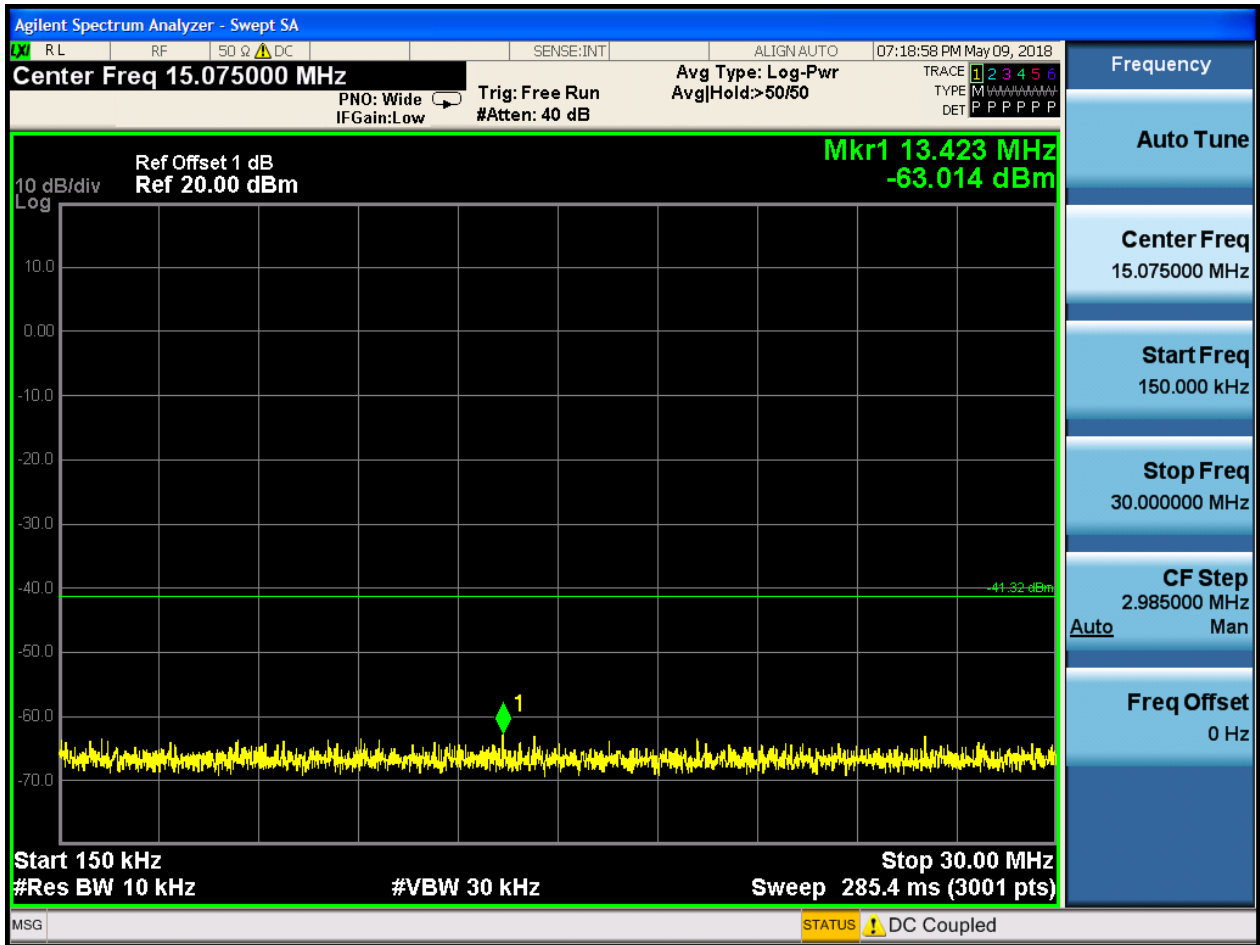
Pref:

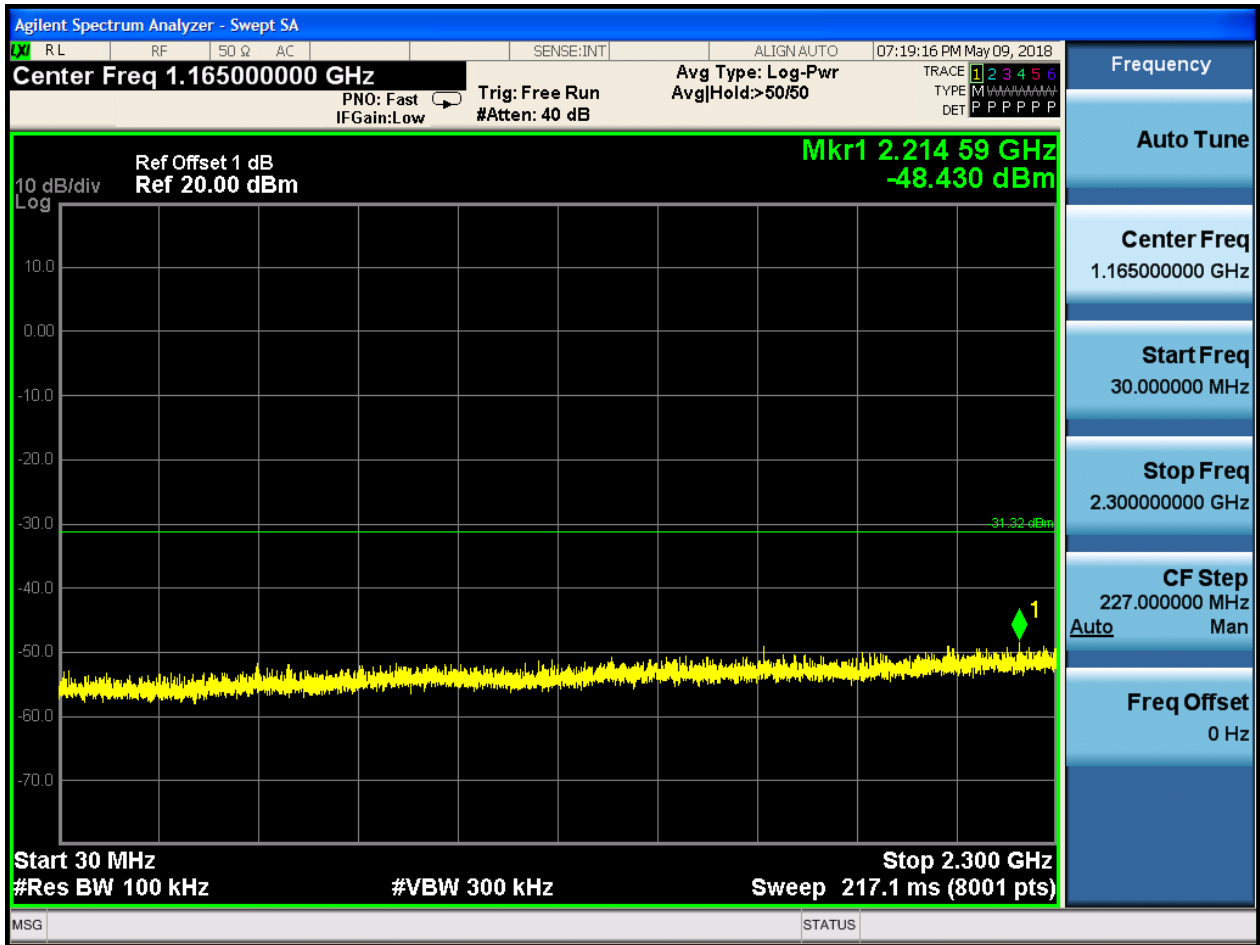


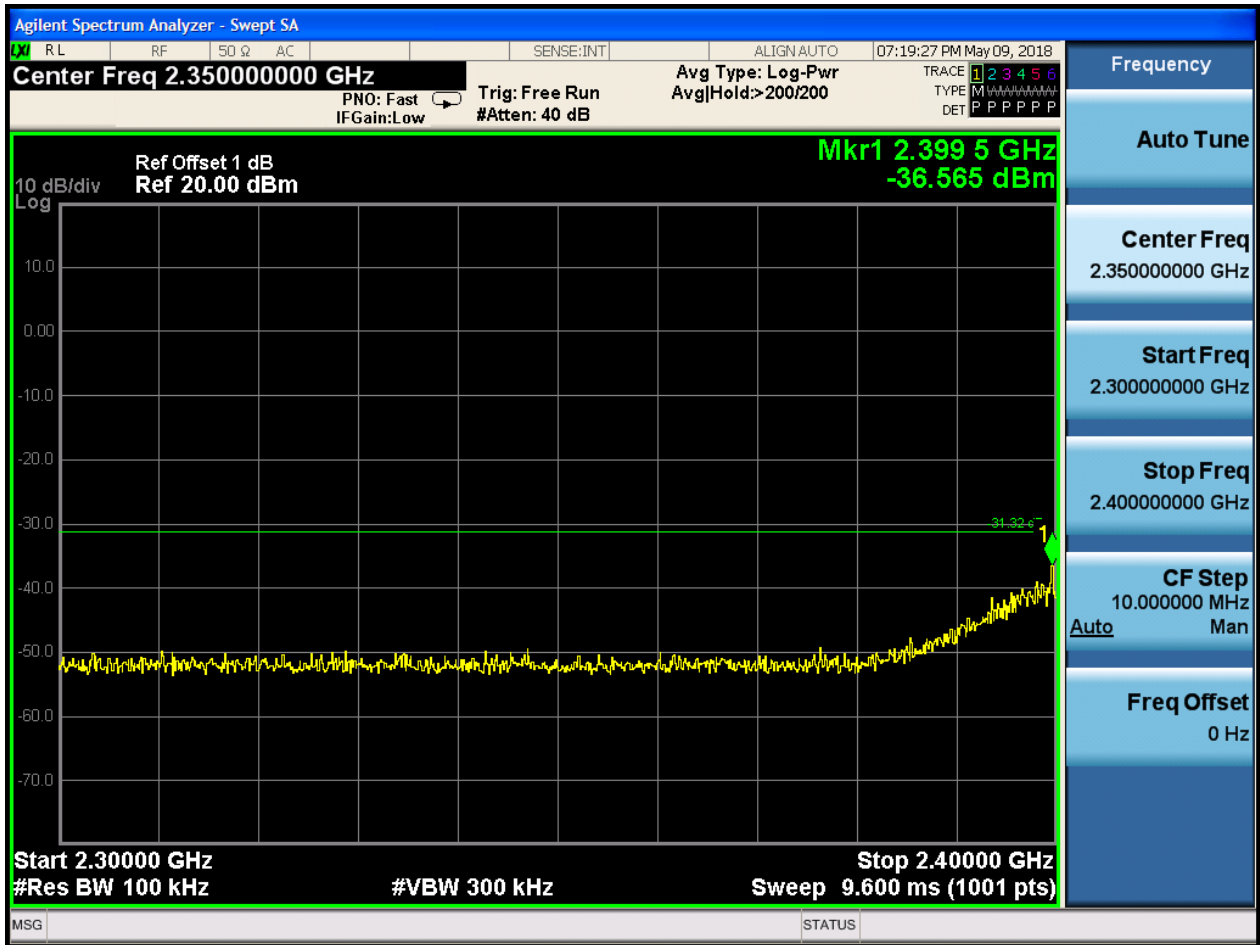


P_{uw}:













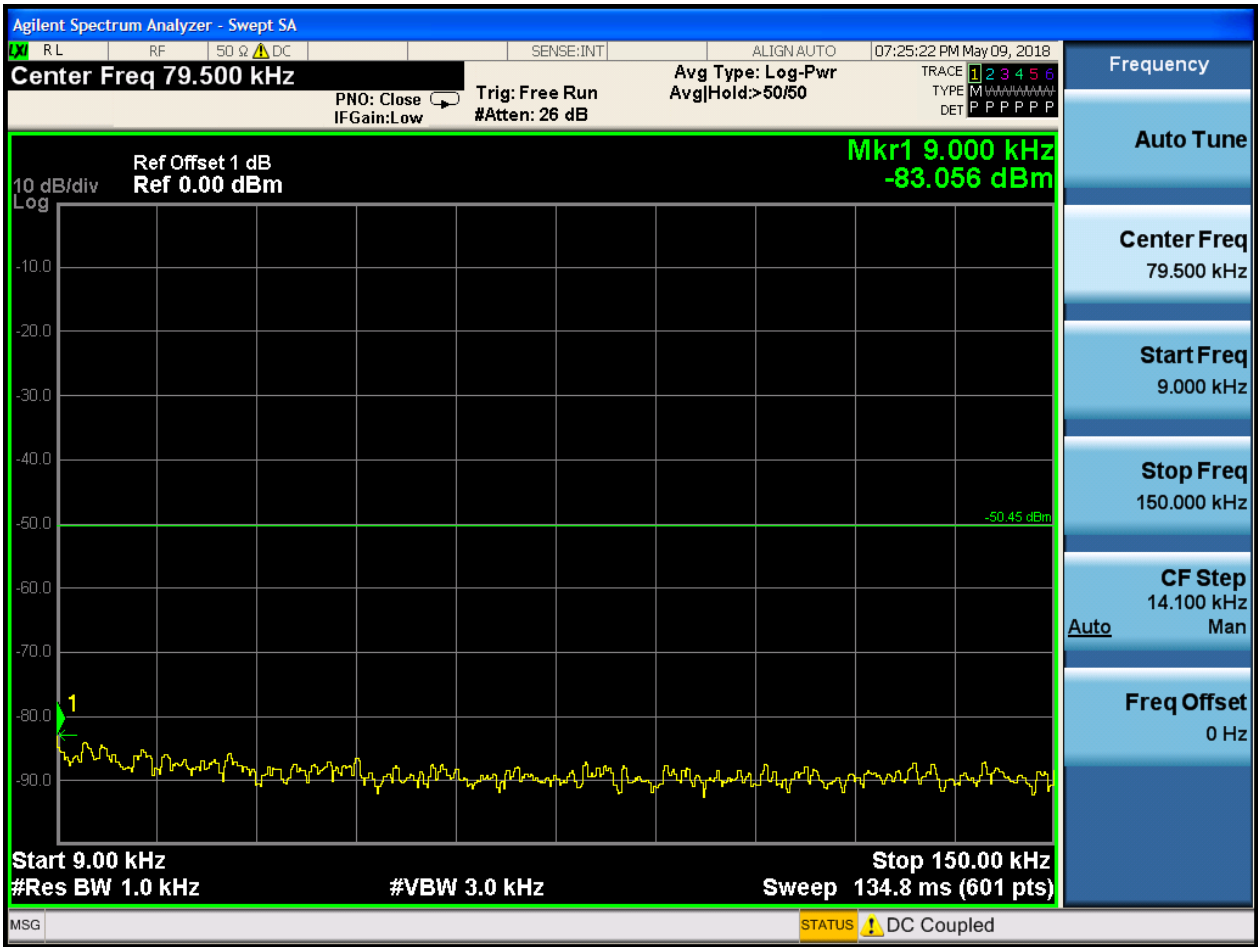
2.14 11N40_H_2452@Ant 1

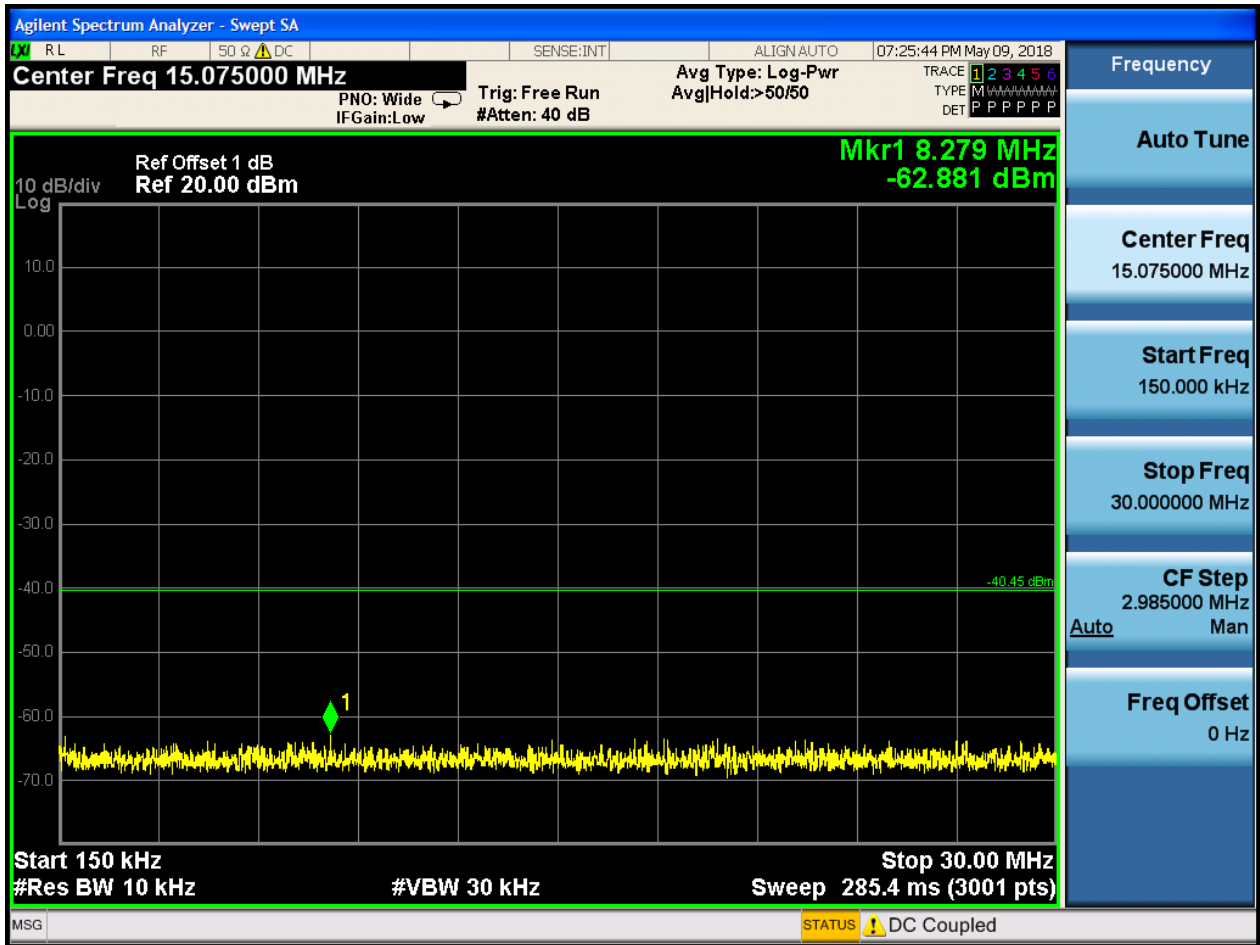
Pref:

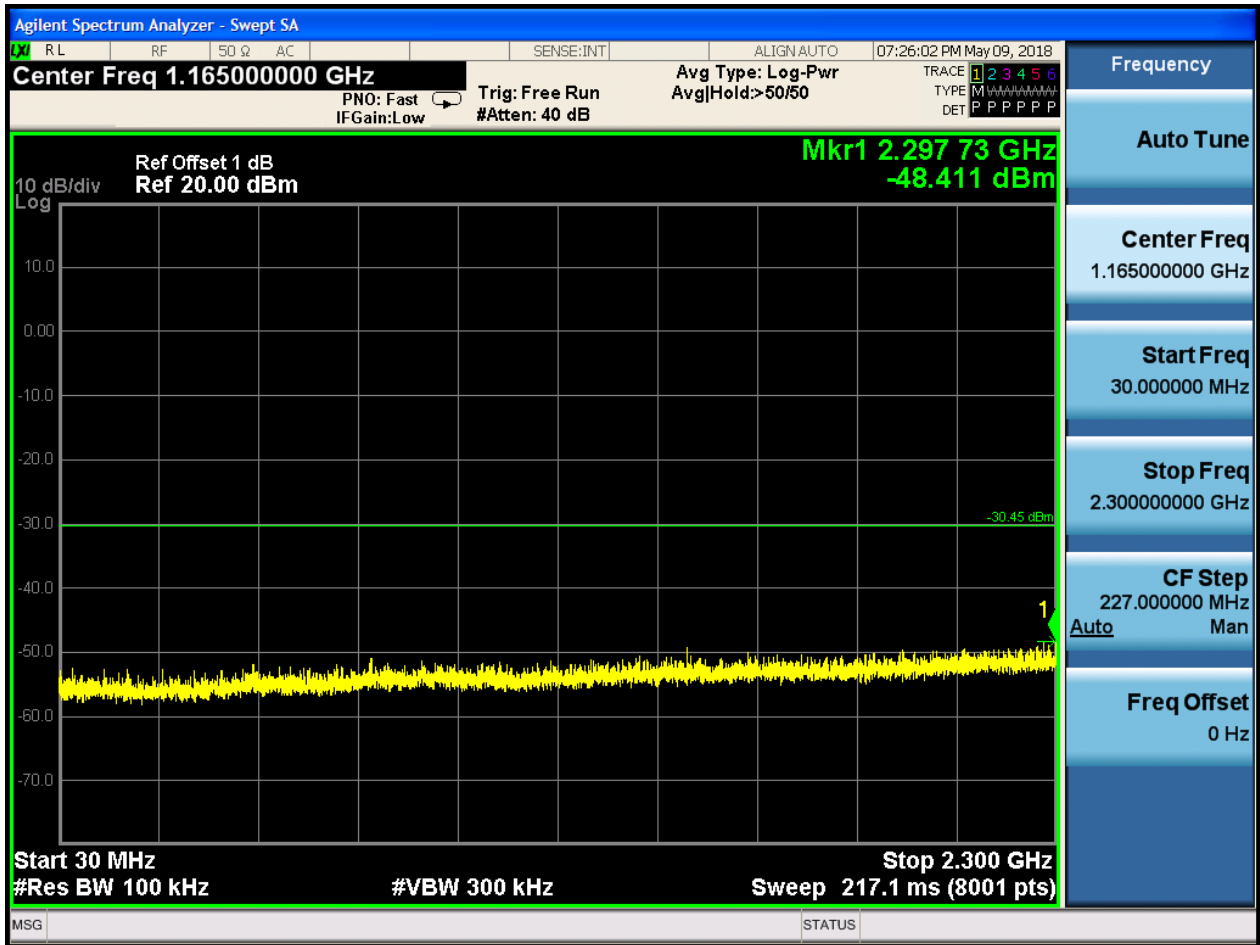


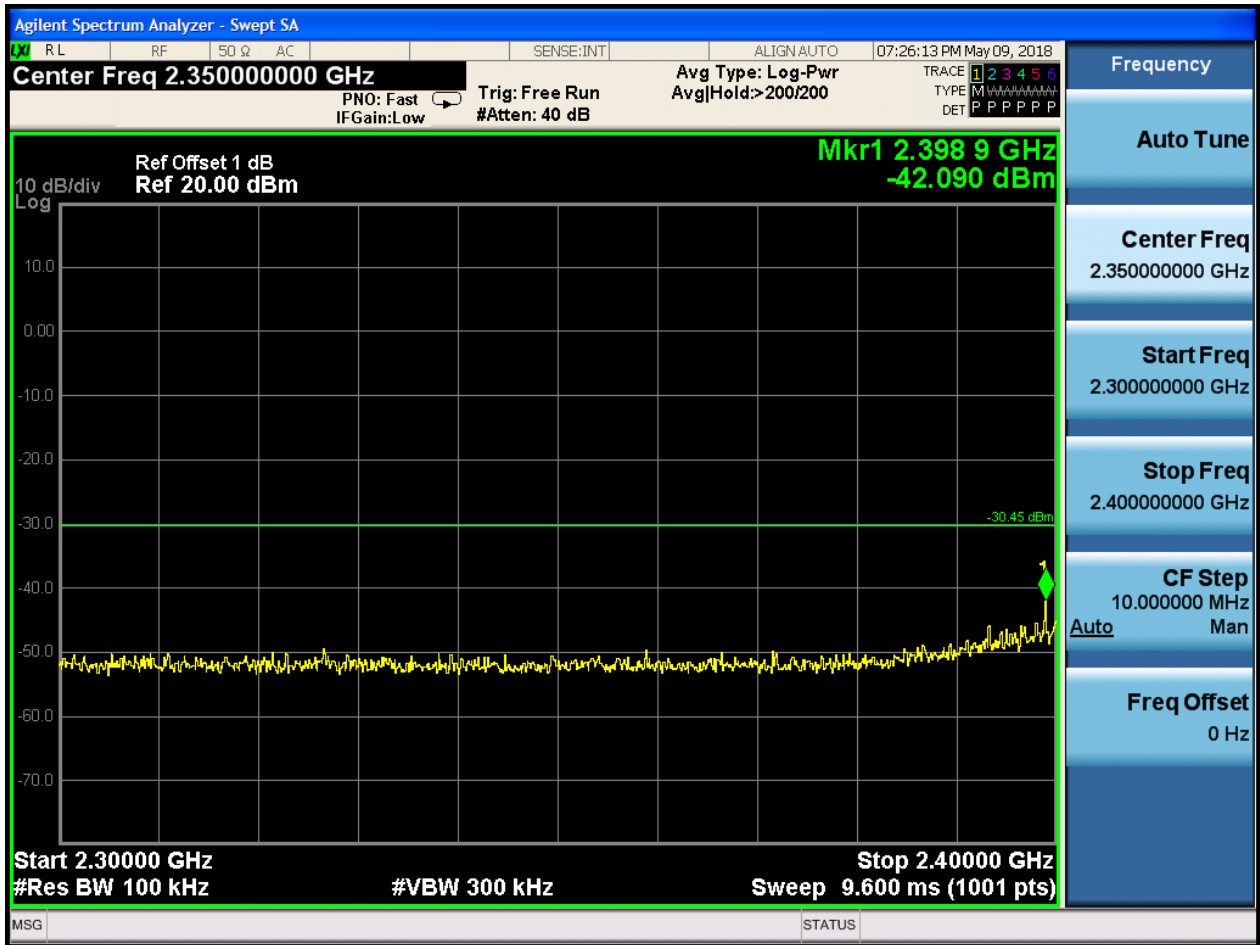


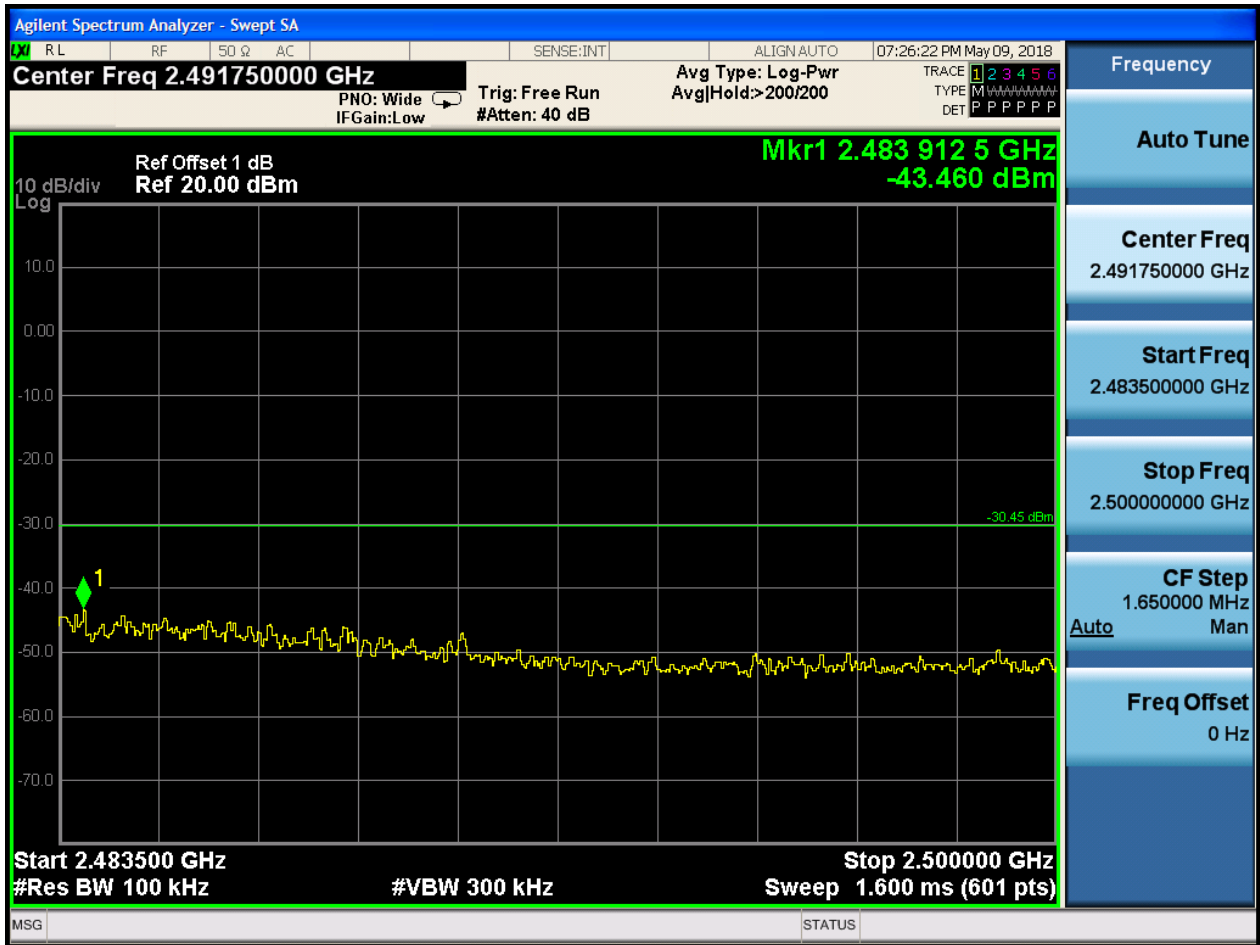
P_{uw}:















Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note: We tested all modes, but the data presented below is the worst case.

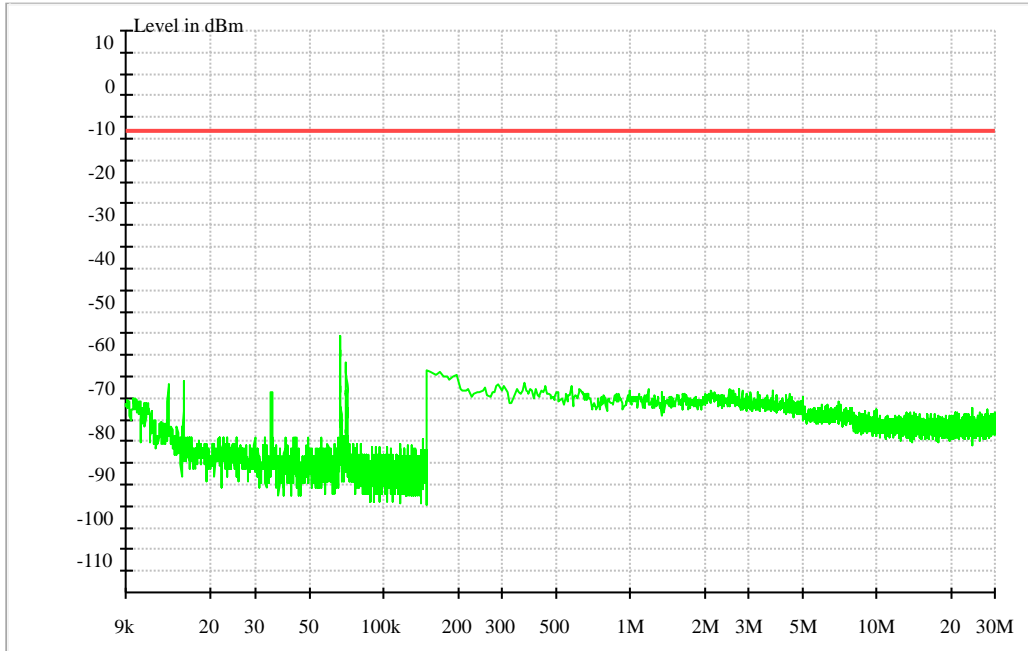
Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

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”

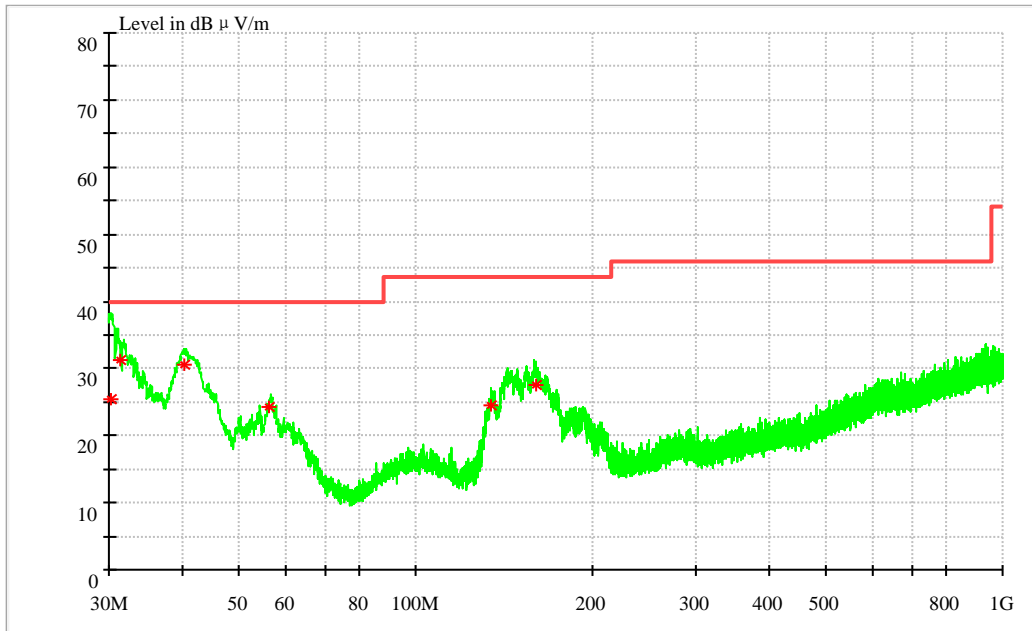
Note 1: The test results and plot for testing range of “9 kHz to 30MHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.



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 (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
30.242362	25.36	40	14.64	162	V	265	13.1
31.248760	31.21	40	8.79	101	V	310	13.1
40.230100	30.60	40	9.40	100	V	4	14.4
56.109000	24.25	40	15.75	101	V	257	14.0
134.318540	24.52	43.5	18.98	100	V	249	10.2
160.189480	27.62	43.5	15.88	100	V	233	10.5

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

1.3Part 3: Testing Range of “1 GHz to 3 GHz”

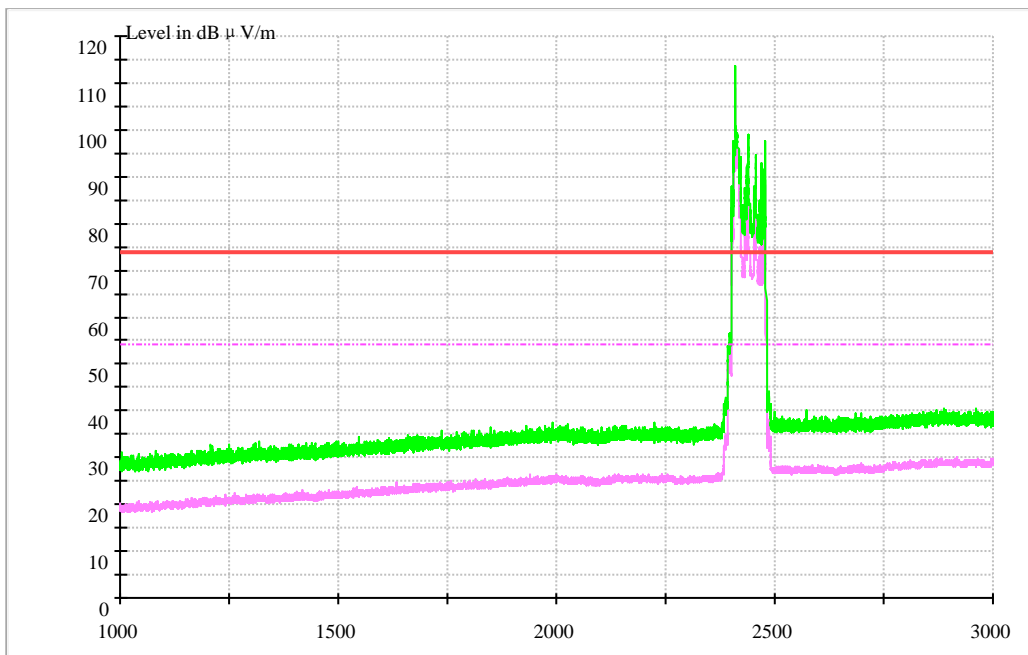
Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.

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).

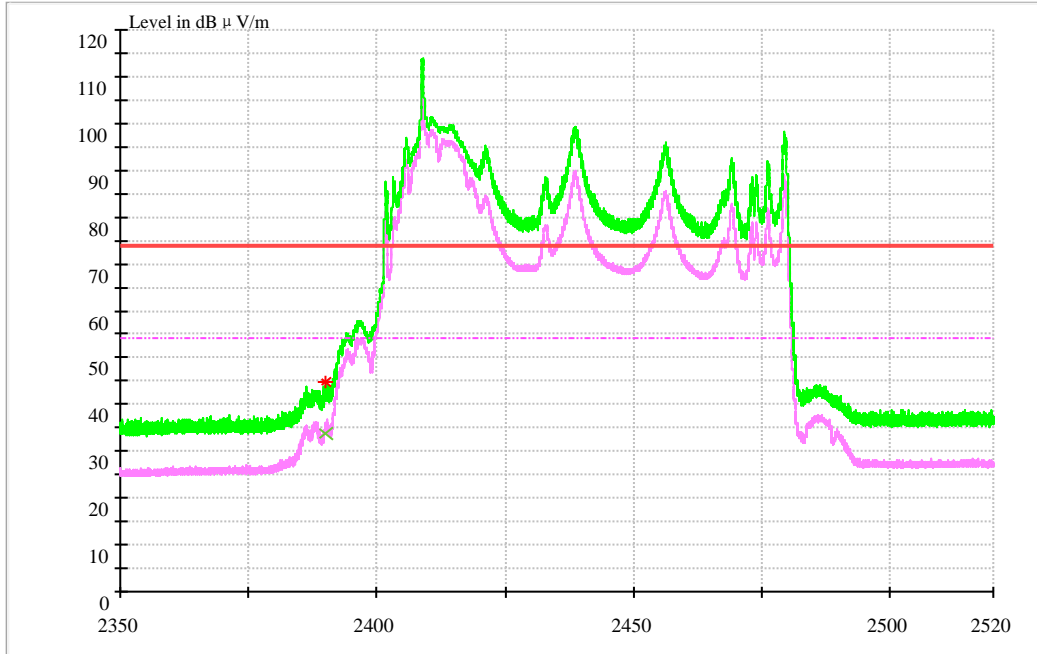
Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode:

1.3.1Test Mode: 11B



1.3.1.1 Channel 1 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	33.91	54.00	20.09	150.0	H	45.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390	44.88	74.00	29.12	150.0	H	45.0	-10.2

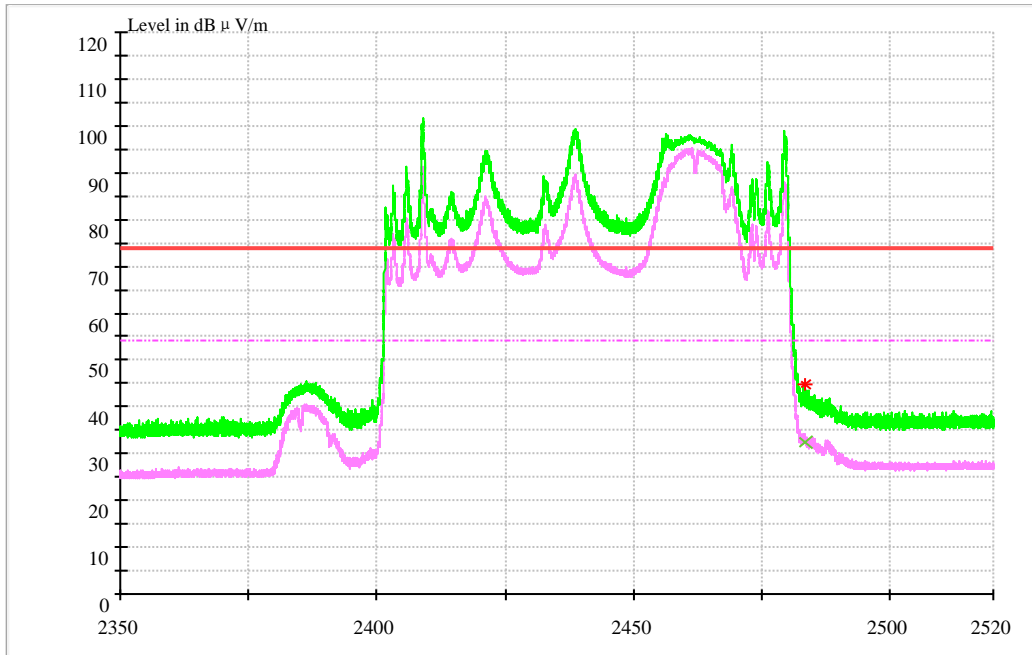
Note:

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

1.3.1.2 Channel 11@Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	32.49	54.00	21.51	150.0	H	35.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	44.70	74.00	29.30	150.0	H	45.0	-6.8

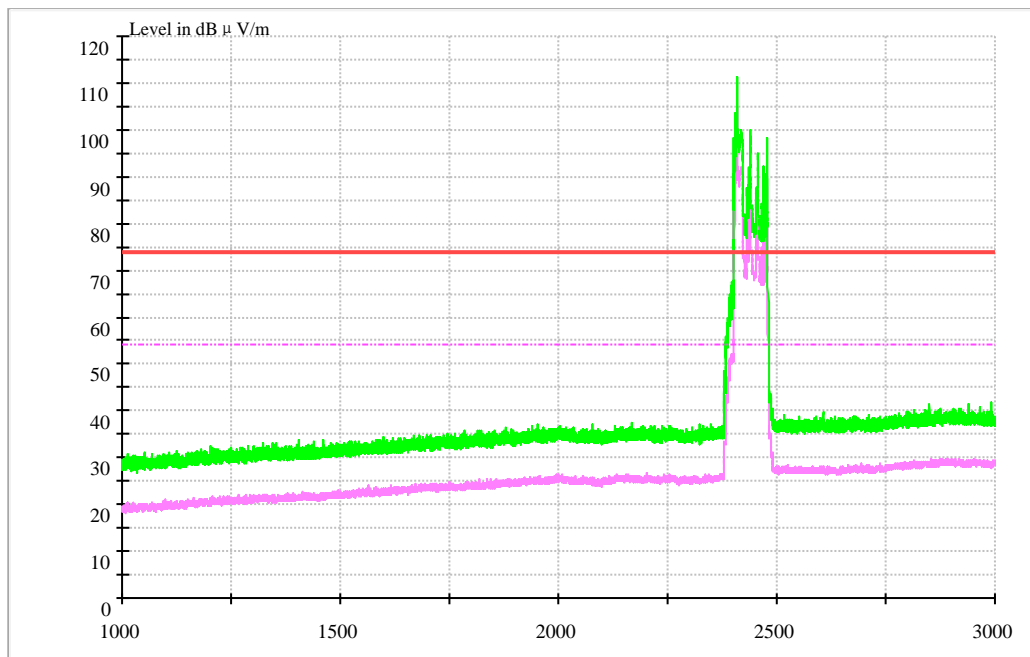
Note:

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

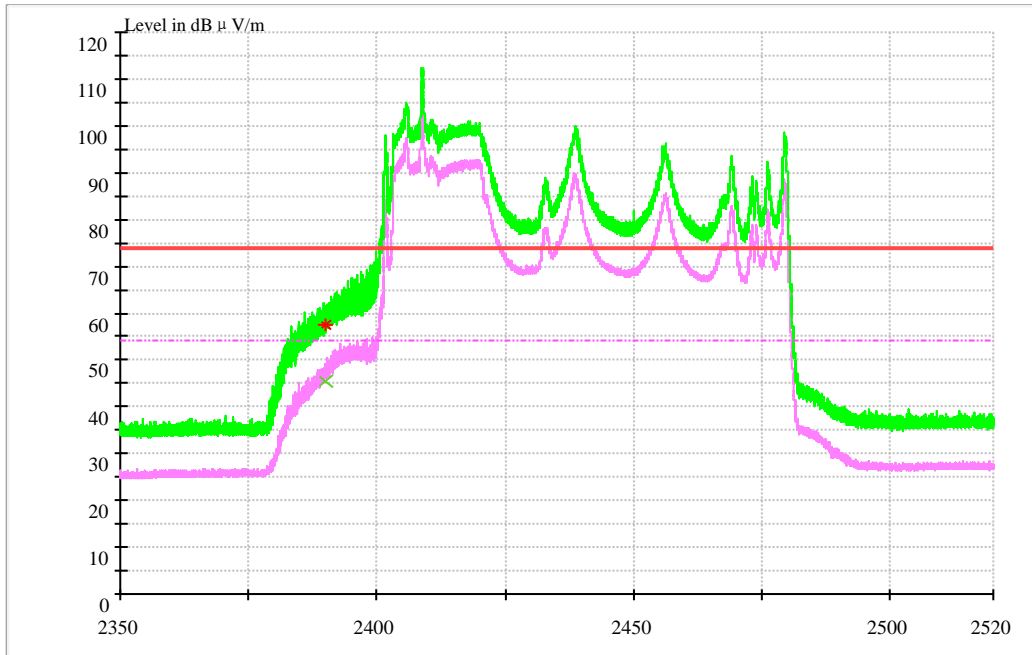
The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

1.3.2 Test Mode: 11G



1.3.2.1 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	45.42	54.00	8.58	150.0	H	45.0	-10.2

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	57.46	74.00	16.54	150.0	H	125.0	-10.2

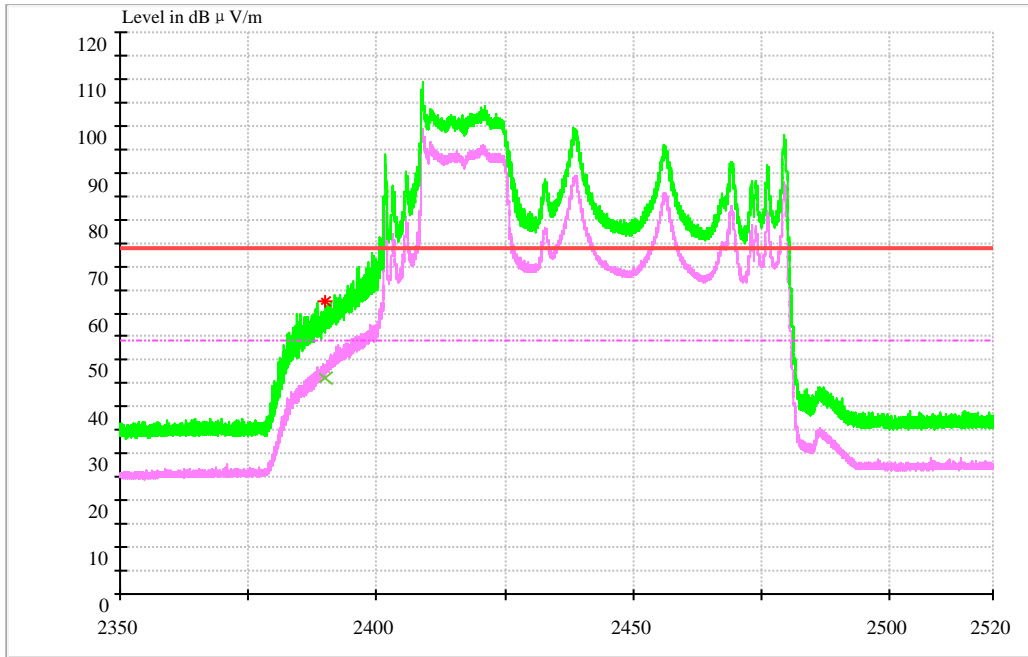
Note:

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

1.3.2.2 Channel 2 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	46.19	54.00	7.81	150.0	H	45.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390	62.35	74.00	11.65	150.0	H	135.0	-10.2

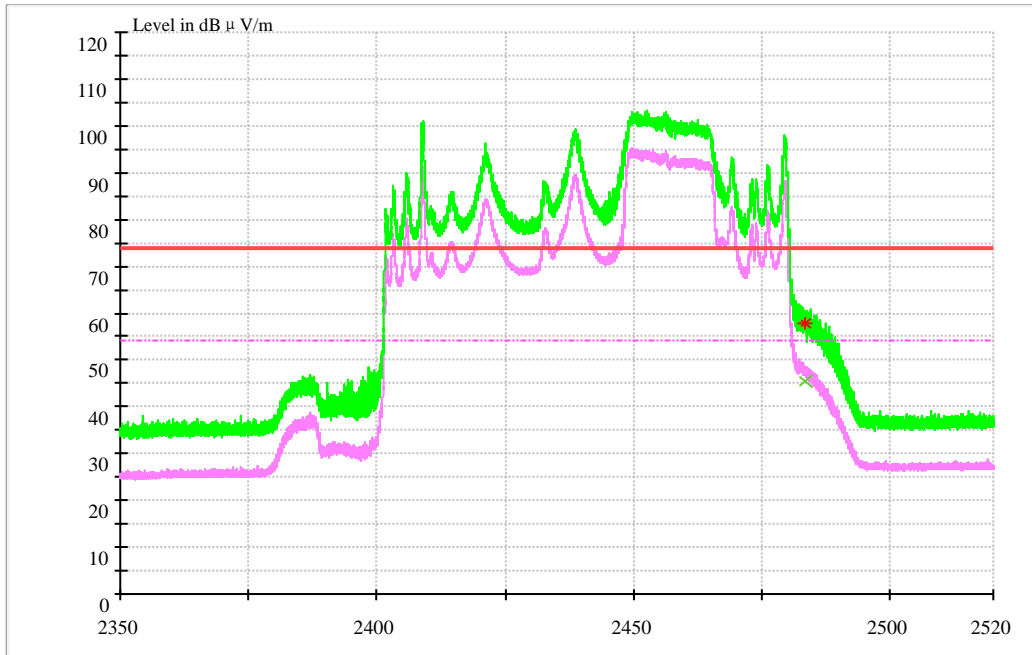
Note:

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

1.3.2.3 Channel 10 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	45.32	54.00	8.68	150.0	H	58.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	57.83	74.00	16.17	150.0	H	111.0	-6.8

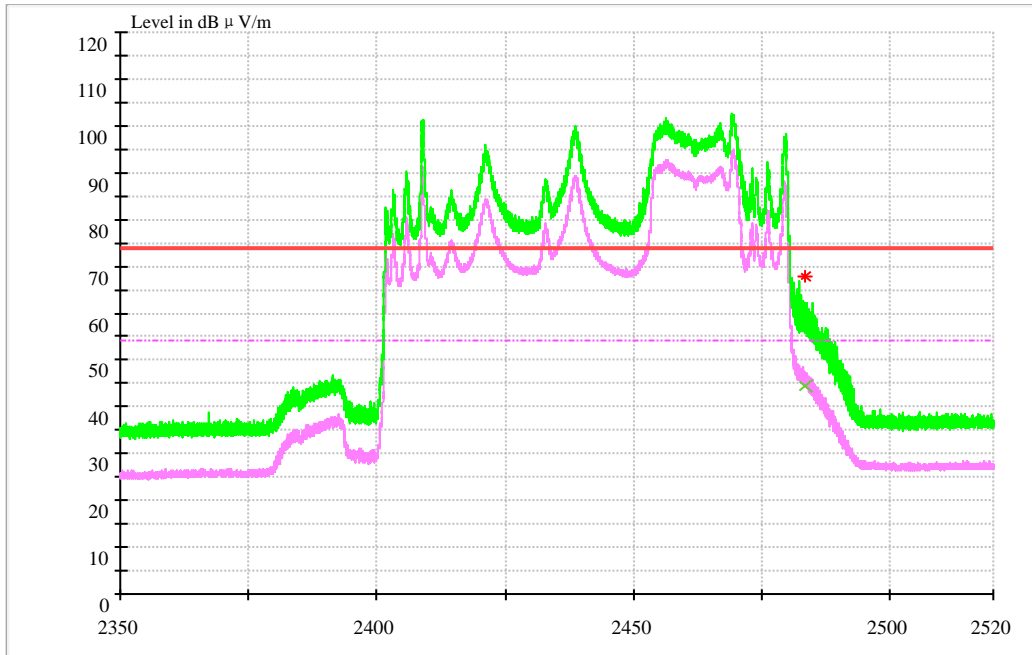
Note:

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

1.3.2.4 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	44.32	54.00	9.68	150.0	H	51.0	-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	67.91	74.00	6.09	150.0	H	19.0	-6.8

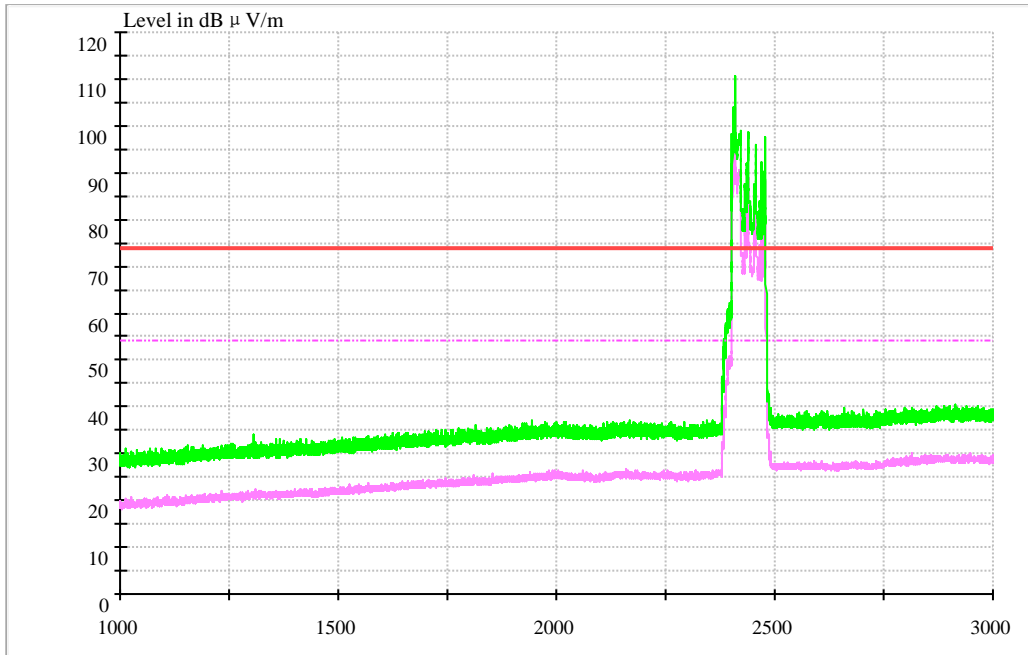
Note:

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

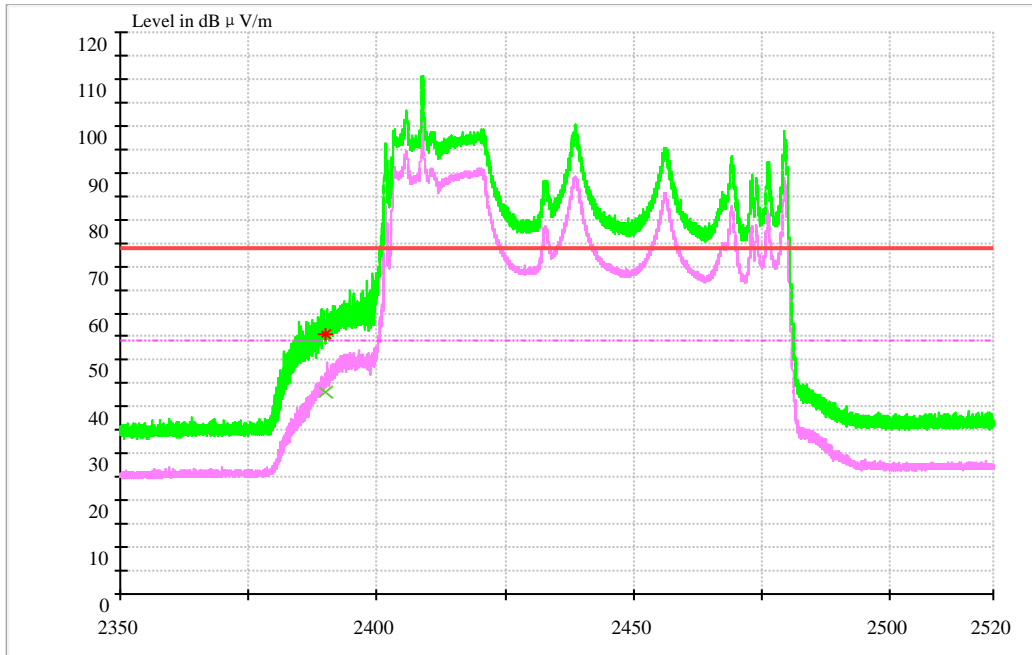
The reading level is calculated by software which is not shown in the sheet.

2, Margin = Limit - Level

1.3.3 Test Mode: 11N20



1.3.3.1 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	43.20	54.00	10.80	150.0	H	46.0	-10.2

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	55.45	74.00	18.55	150.0	H	117.0	-10.2

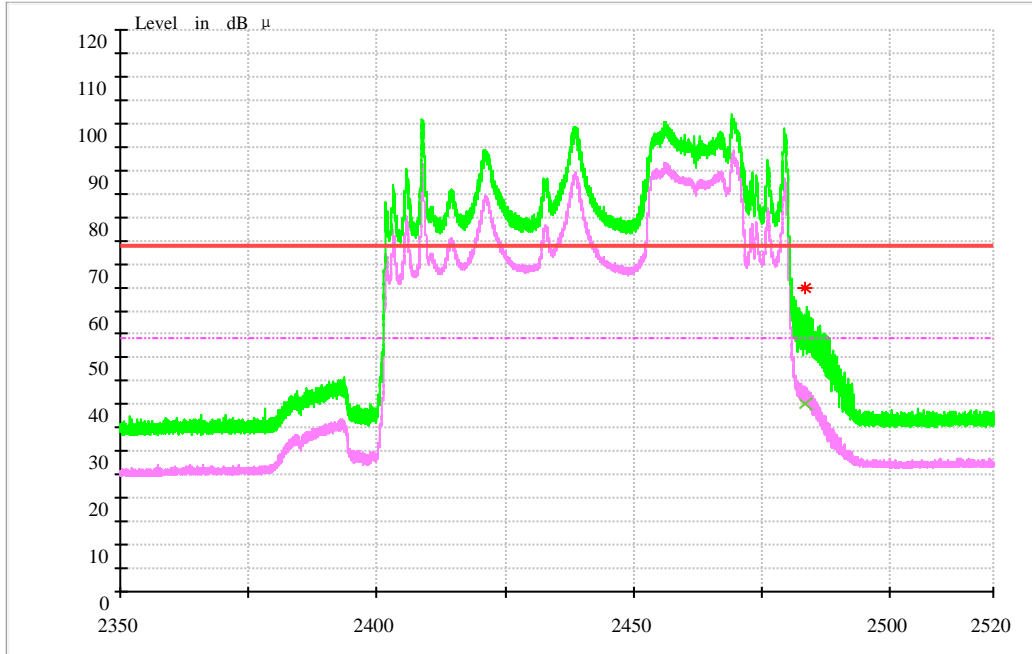
Note:

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

1.3.3.1 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	40.00	54.00	14.00	150.0	H	36.0	-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	64.74	74.00	9.26	150.0	H	26.0	-6.8

Note:

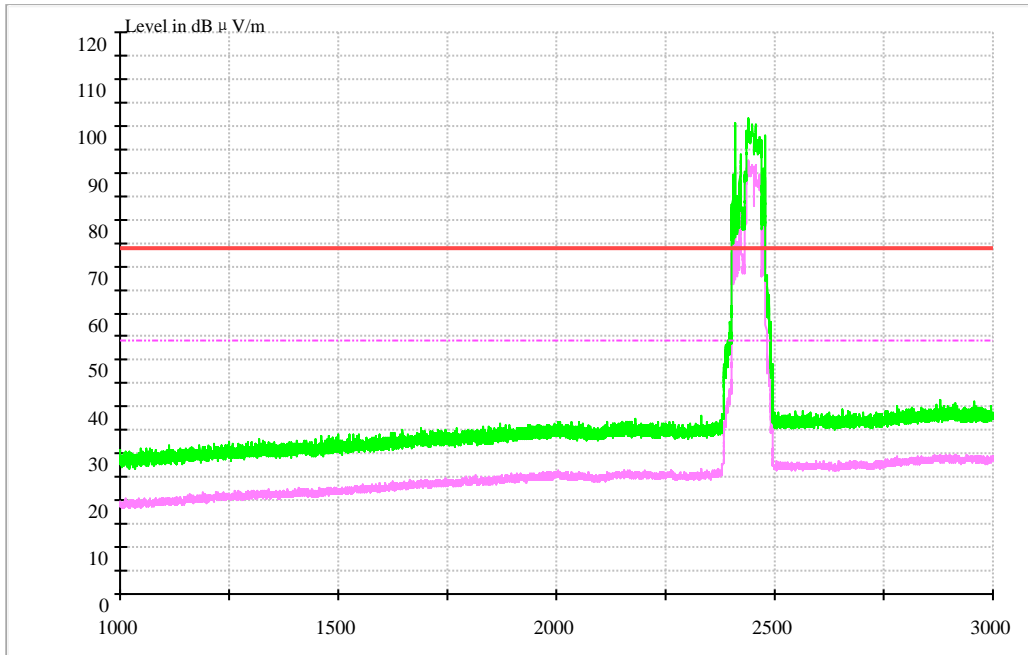
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

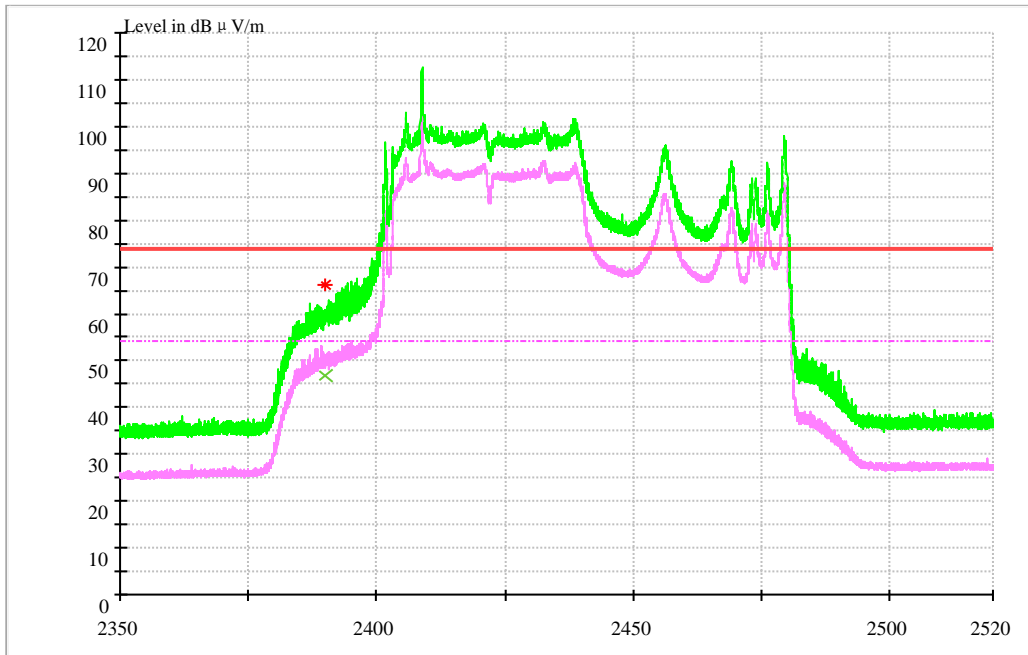
2, Margin=Limit - Level



1.3.4 Test Mode: 11N40



1.3.4.1 Channel 3 @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	46.82	54.00	7.18	150.0	H	6.0	-10.2

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	66.11	74.00	7.89	150.0	H	35.0	-10.2

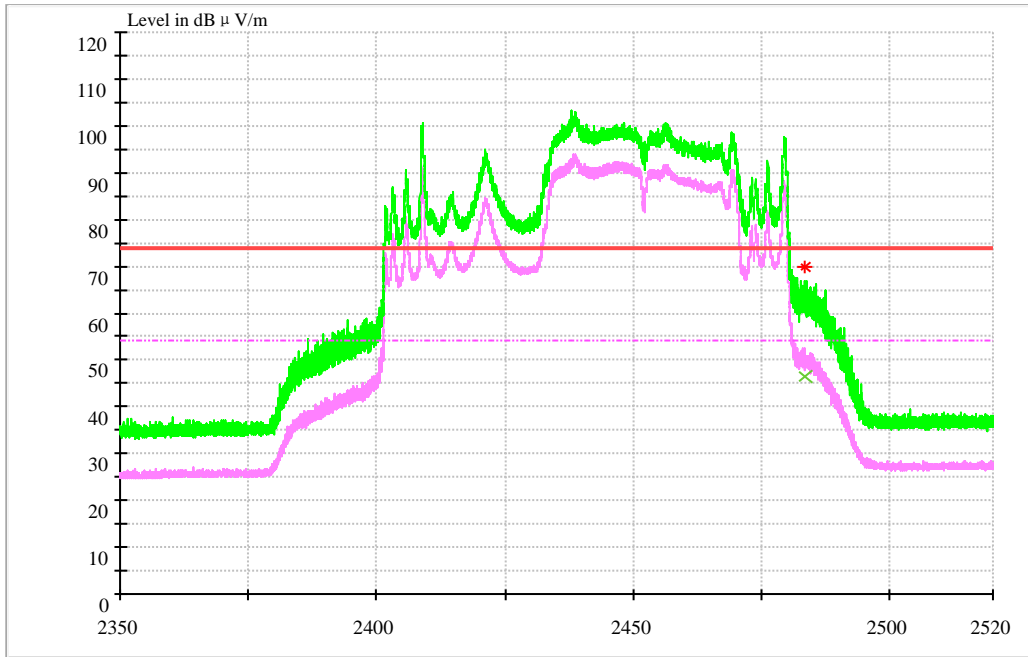
Note:

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

1.3.4.2 Channel 9@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	46.53	54.00	7.47	150.0	V	357.0	-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	69.71	74.00	4.29	150.0	V	126.0	-6.8

Note:

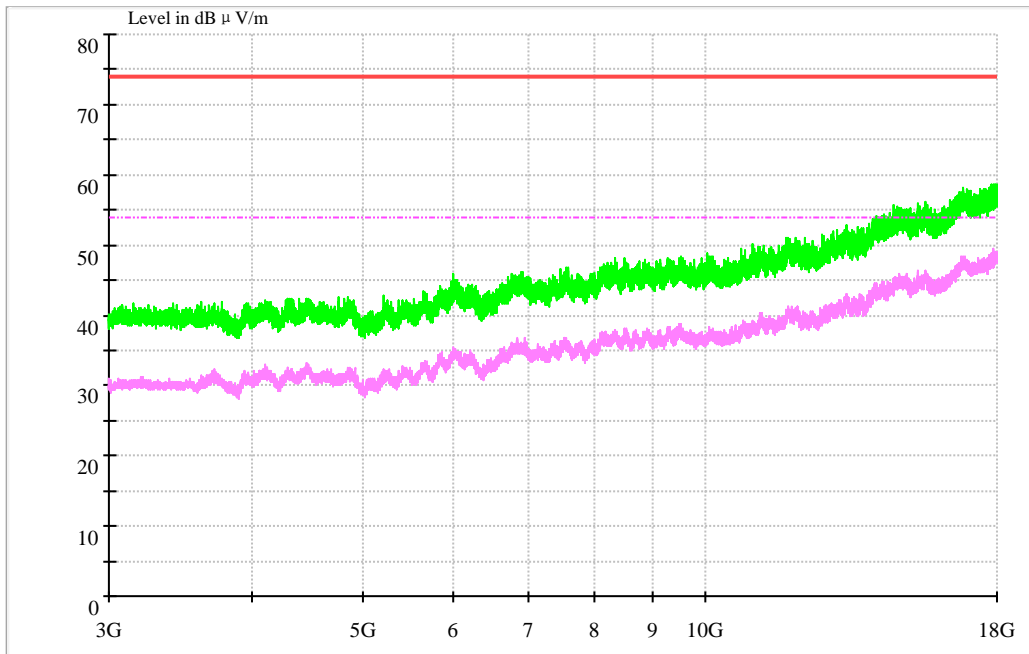
1, Level = Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

2, Margin = Limit - Level

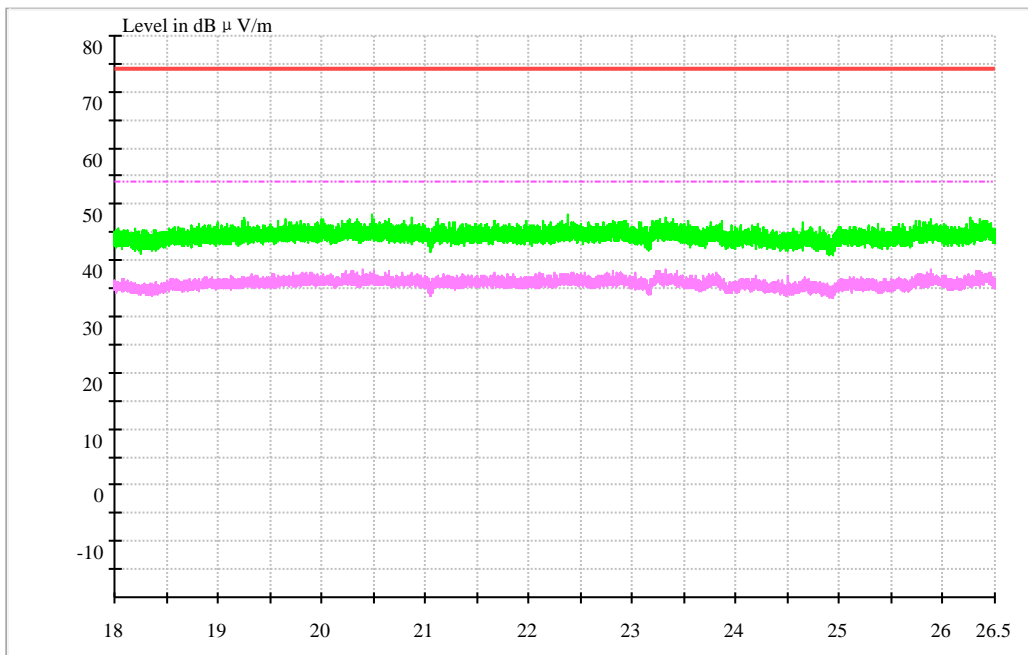
1.4 Part 4: Testing Range of “3 GHz to 18 GHz”

- 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).



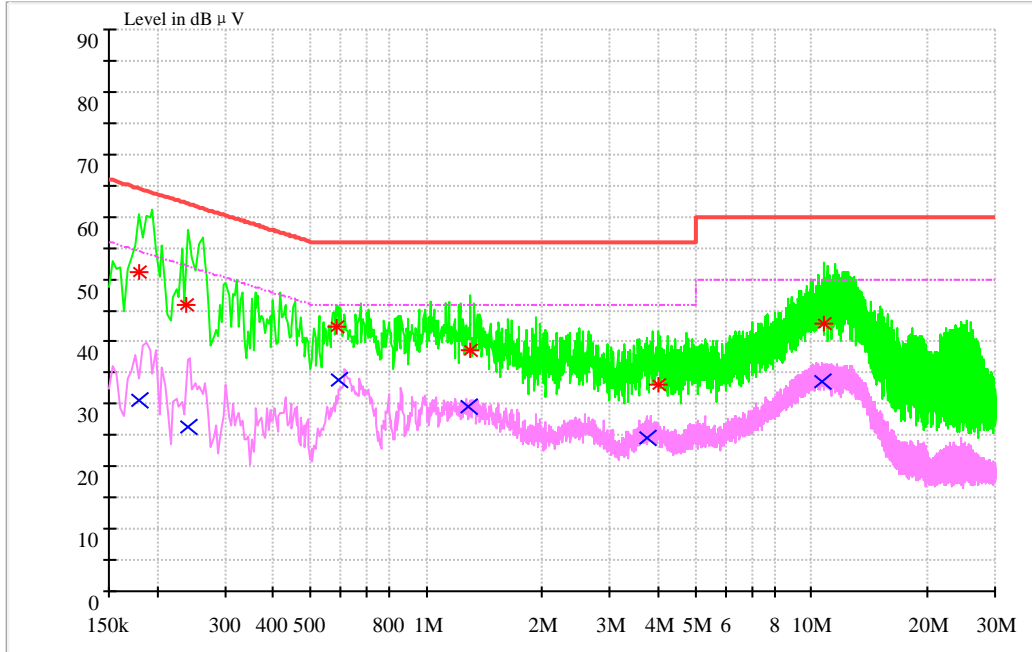
1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

- Note 1: The test results and plot for testing range of “18 GHz to 26.5 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 “18 GHz to 26.5 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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB μV)	Limit (dB μV)	Transd. (dB)	Margin (dB)	Line	PE
0.18851	32.07	54.11	9.7	22.04	N	FLO
0.232344	24.63	52.36	9.7	27.73	N	FLO
0.29227	22.69	50.46	9.7	27.77	N	FLO
1.119765	33.55	46	9.7	12.45	L1	FLO
11.180428	32.23	50	10	17.77	L1	FLO
24.72941	21.79	50	10.2	28.21	L1	FLO

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μV)	Limit (dB μV)	Transd. (dB)	Margin (dB)	Line	PE
0.189344	51.91	64.08	9.7	12.17	N	FLO
0.233674	45.55	62.31	9.7	16.76	N	FLO
0.291753	38.65	60.47	9.7	21.82	N	FLO
1.060946	43.68	56	9.7	12.32	L1	FLO
9.816728	39.3	60	10	20.7	N	FLO
23.049518	35.32	60	10.2	24.68	L1	FLO



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

END