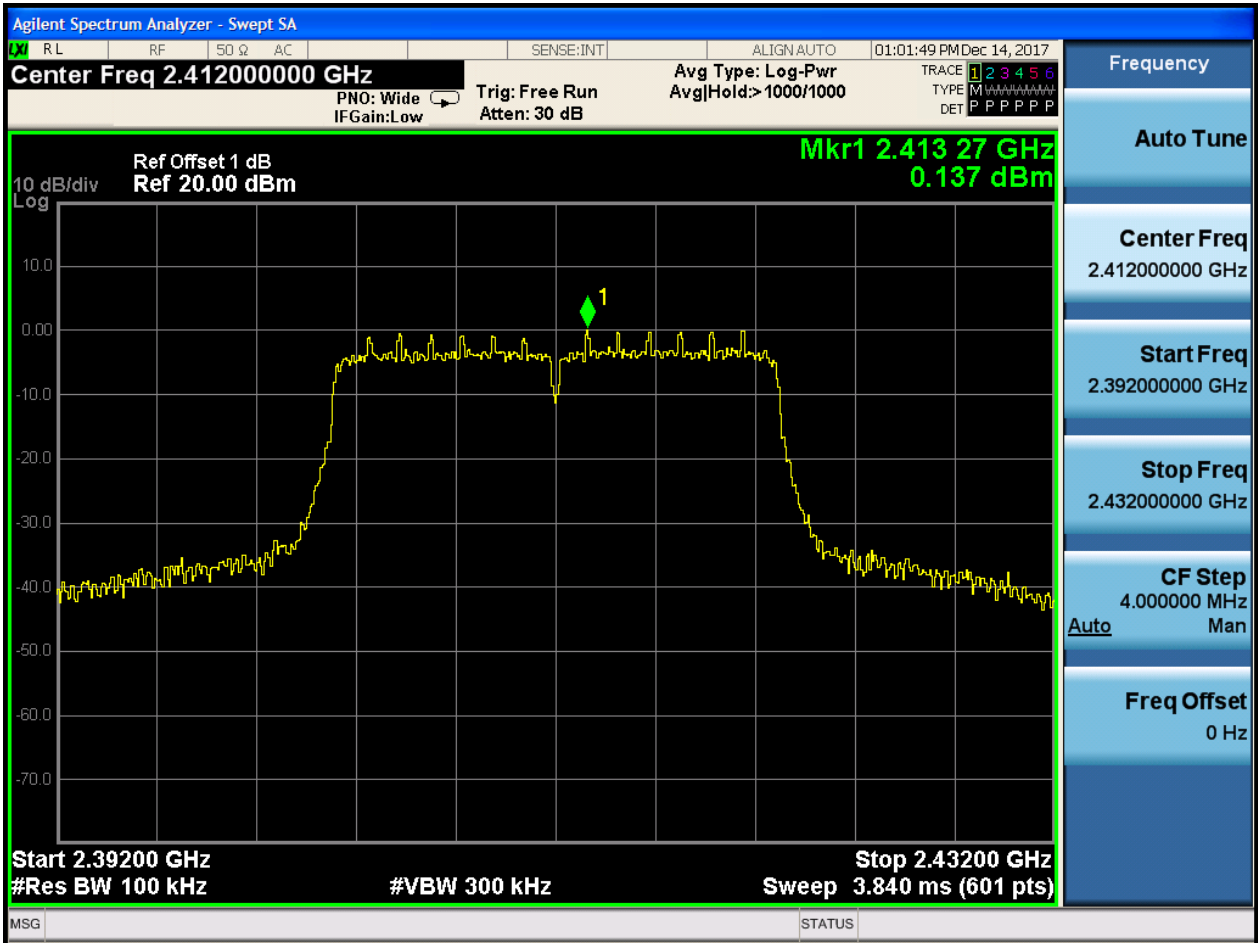




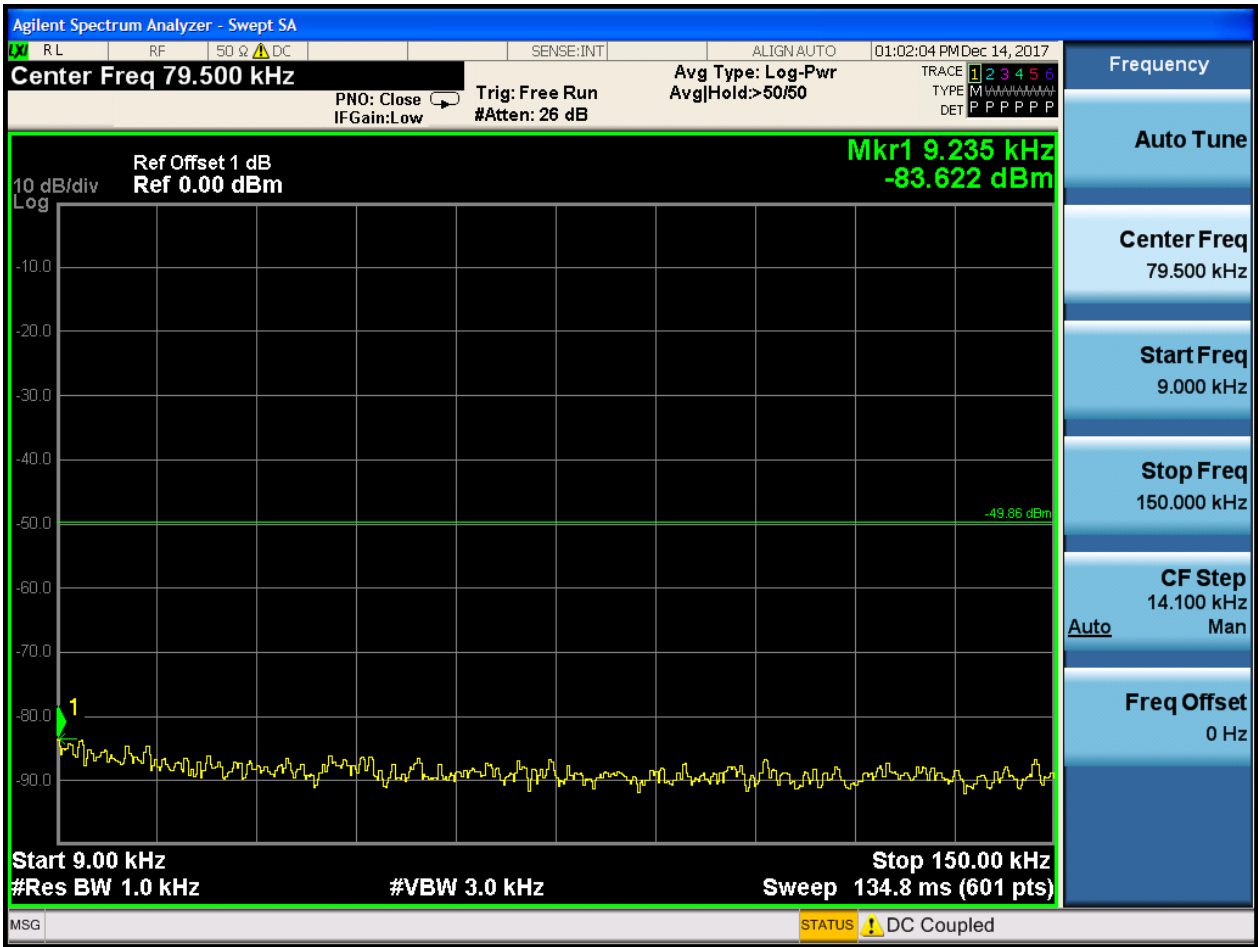
2.7 11N20\_L\_2412@Ant 1

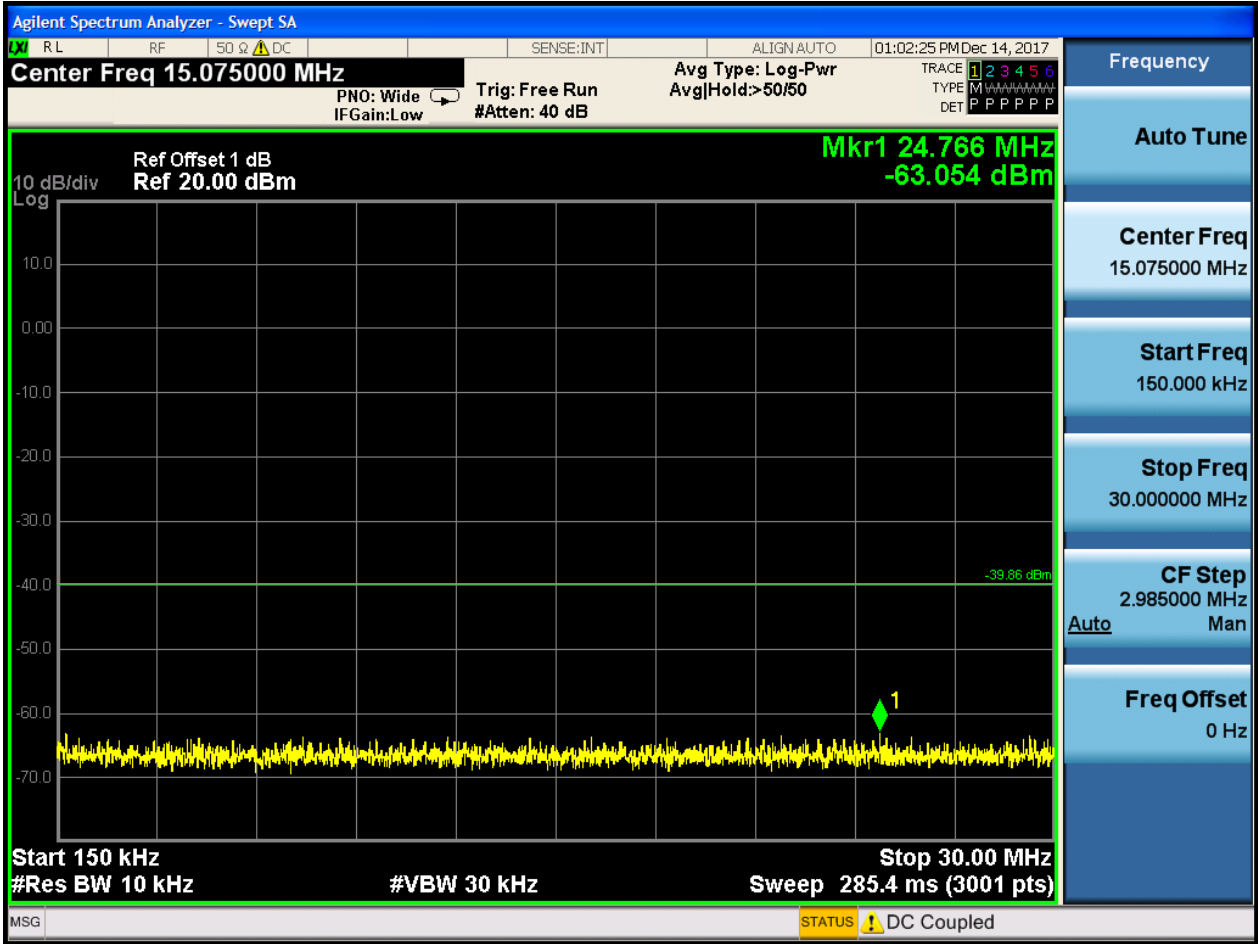
Pref:

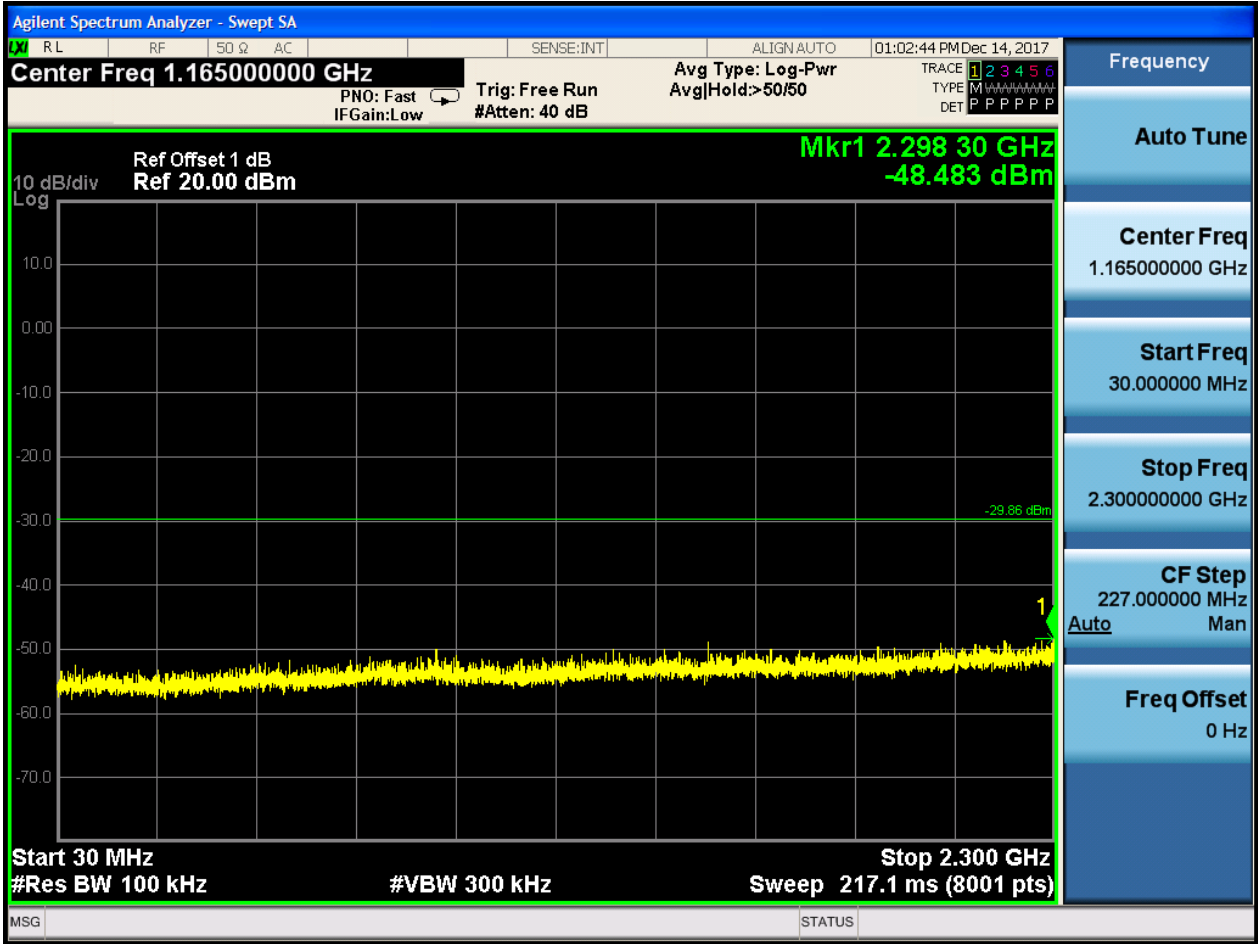


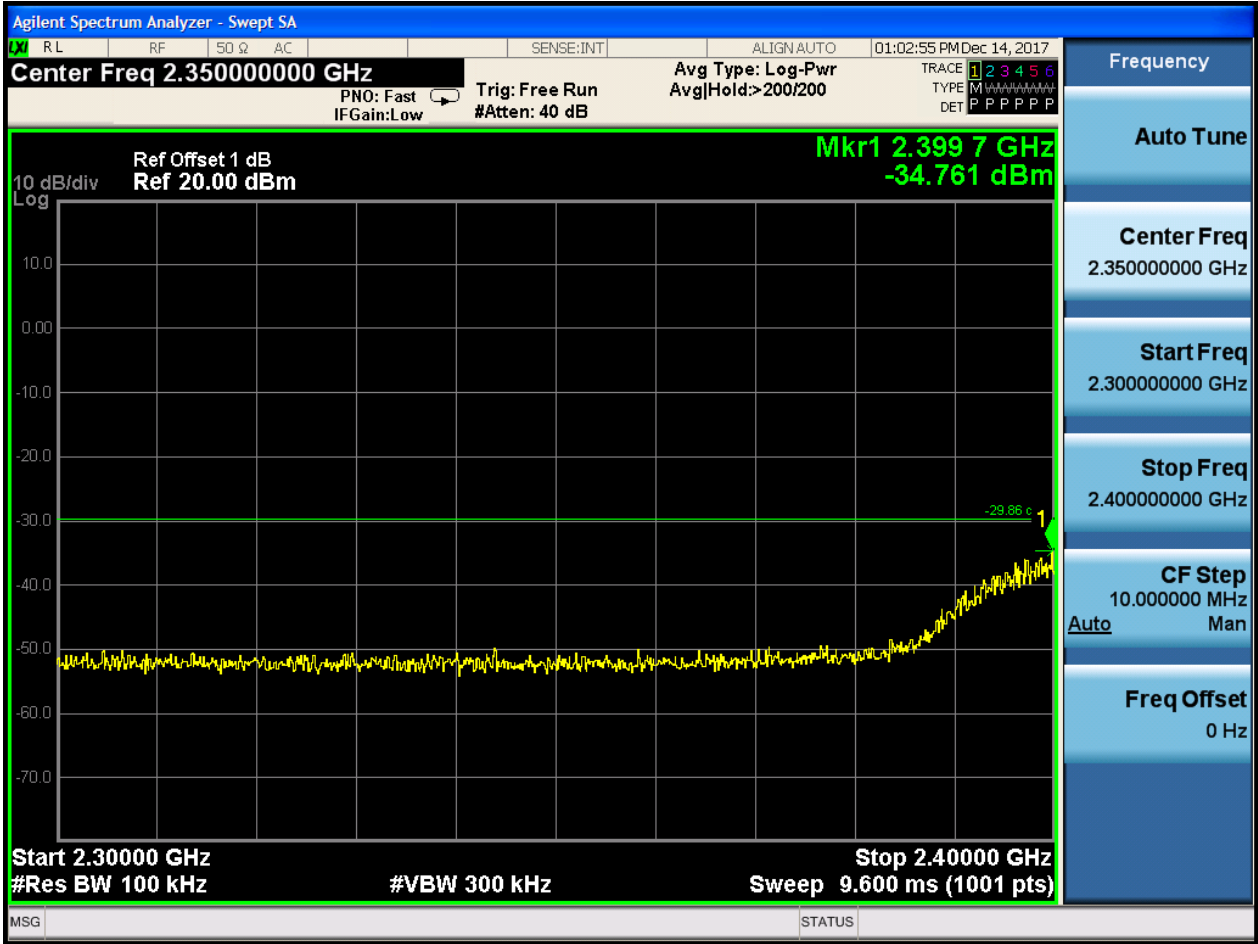


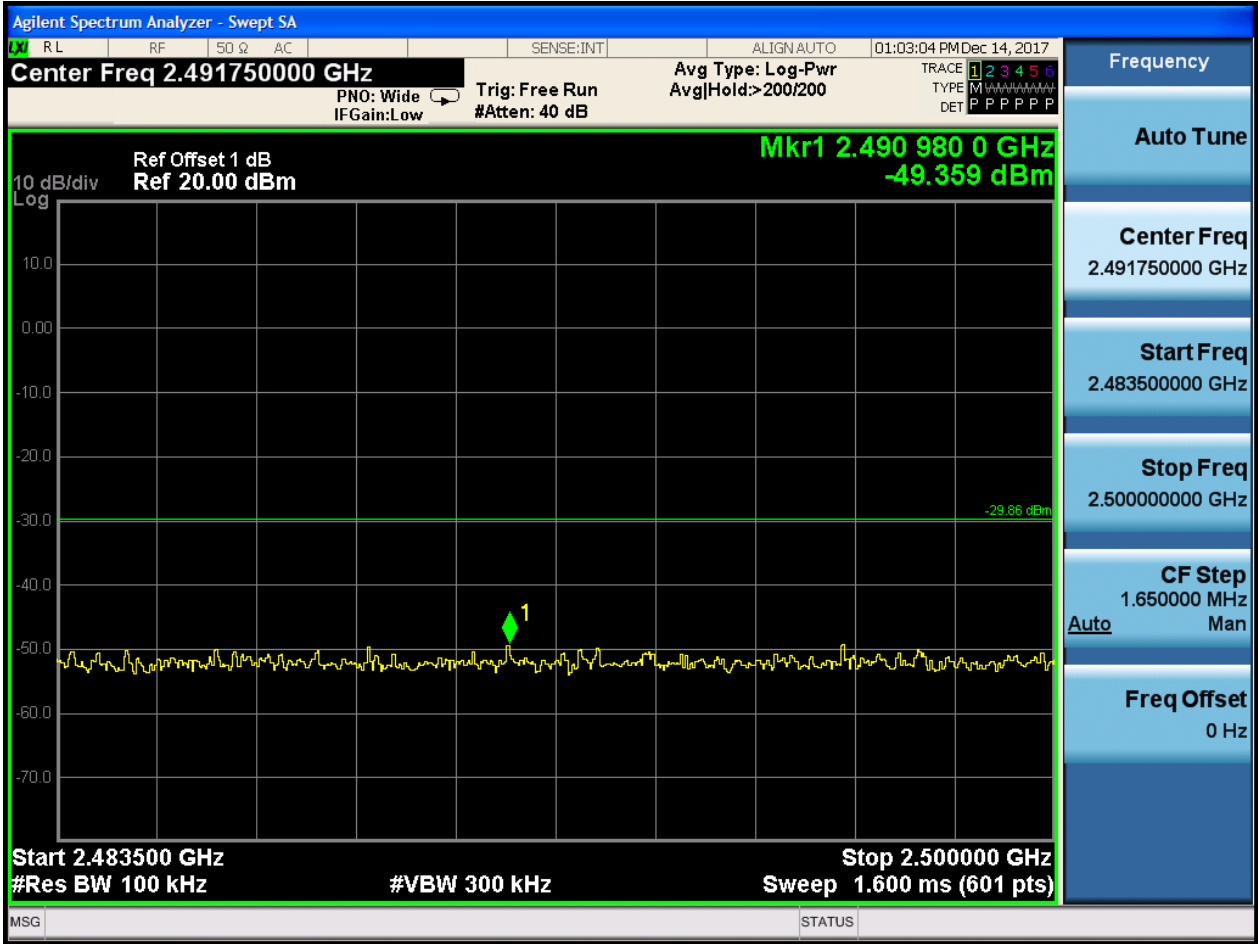
P<sub>uw</sub>:









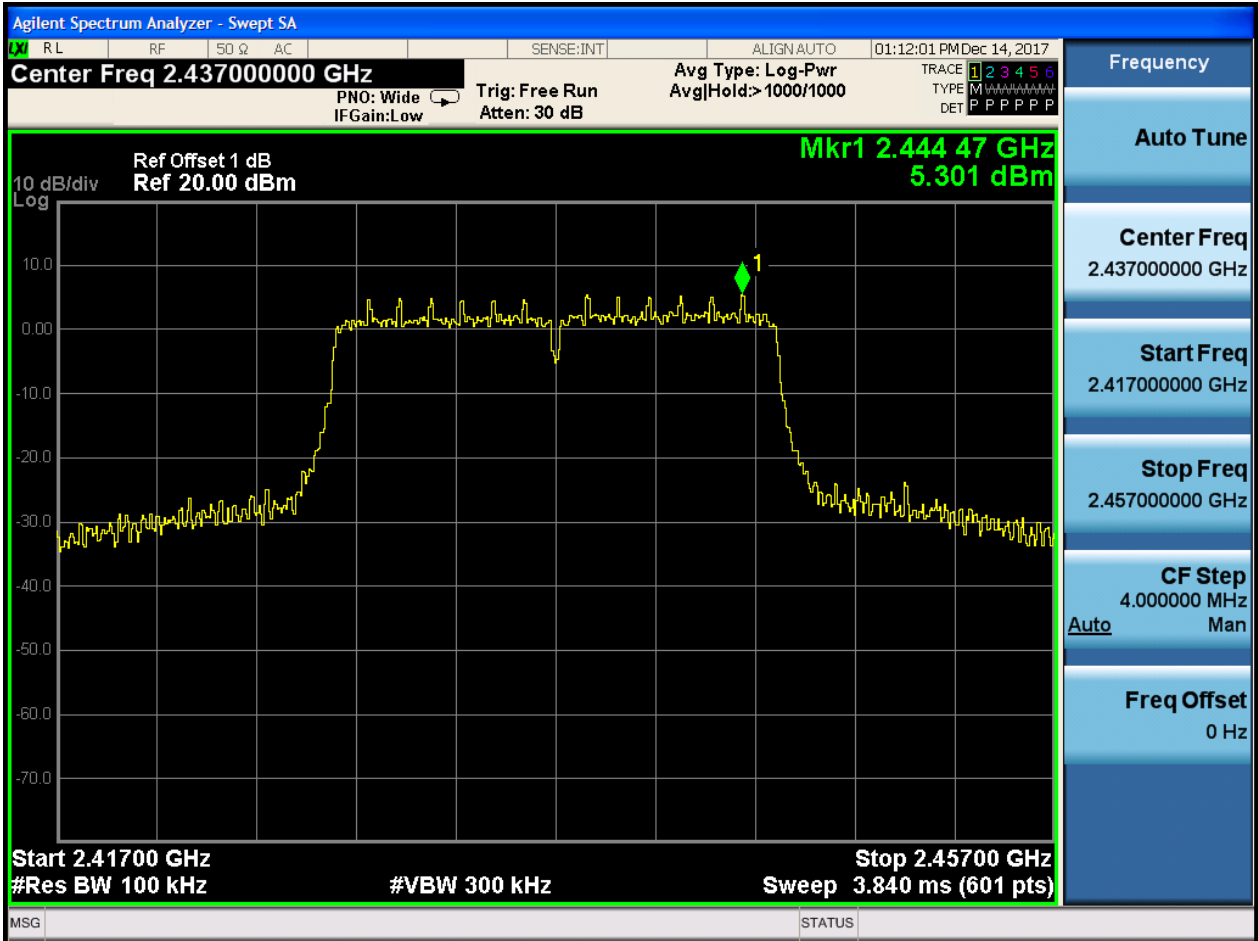






2.8 11N20\_M\_2437@Ant 1

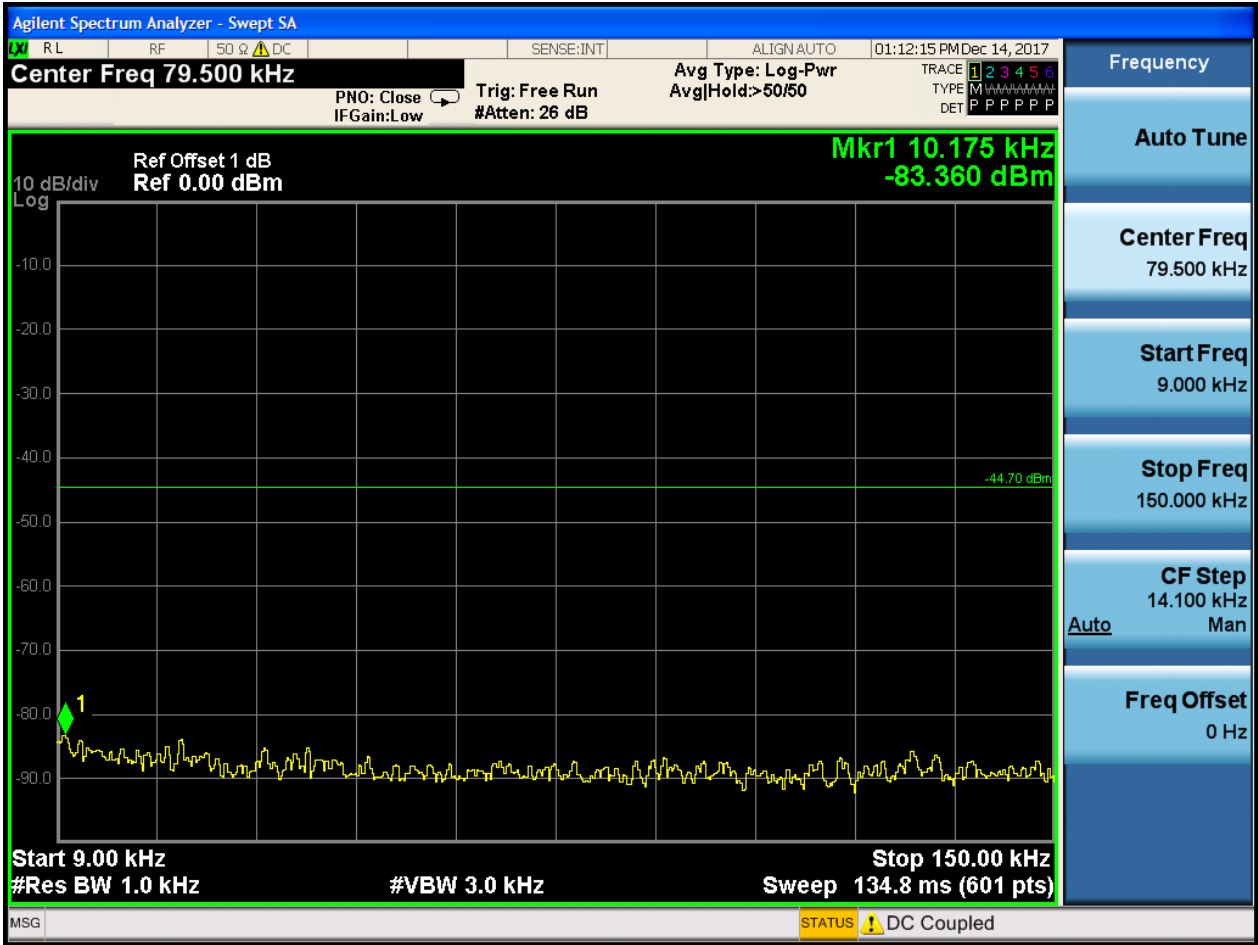
Pref:

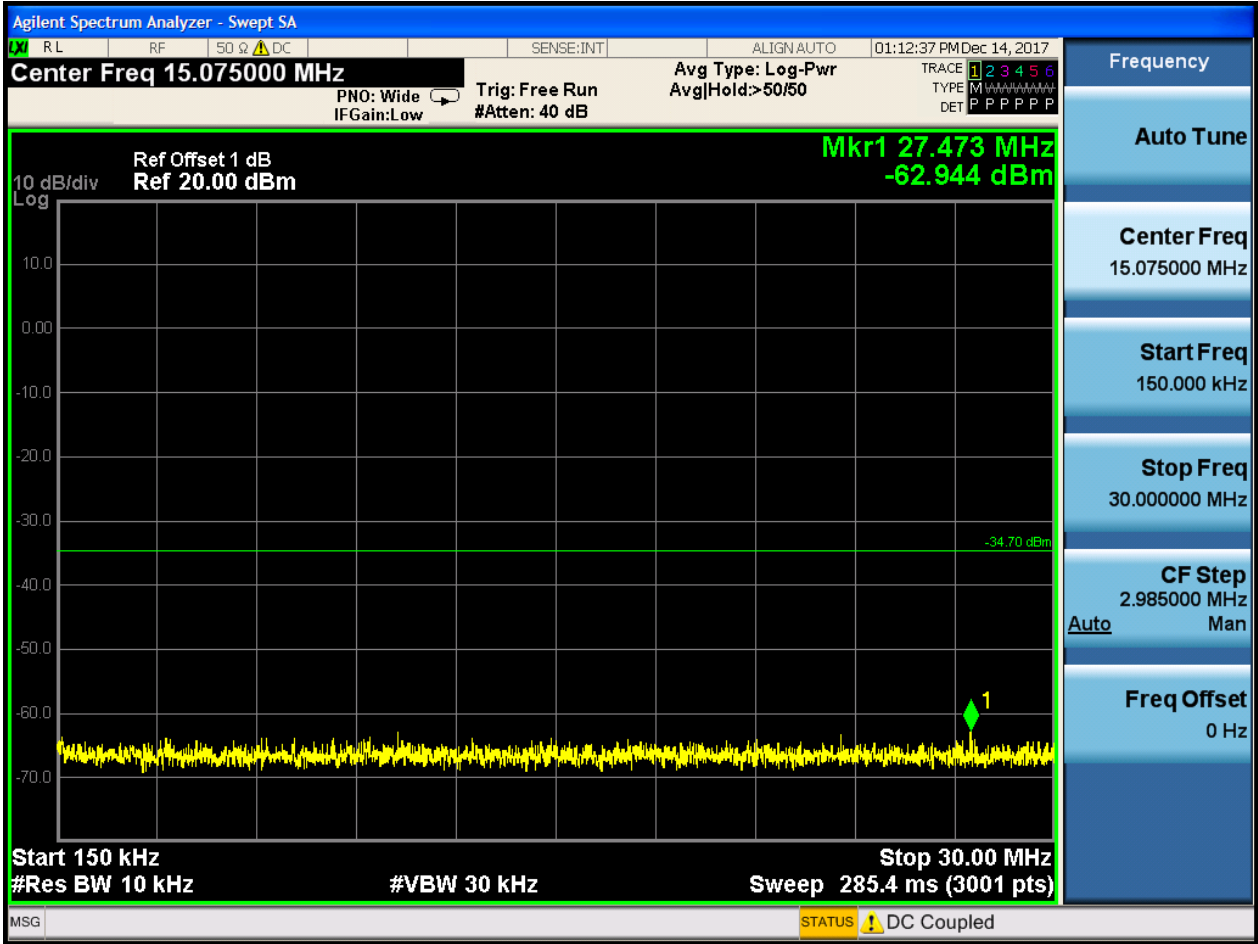


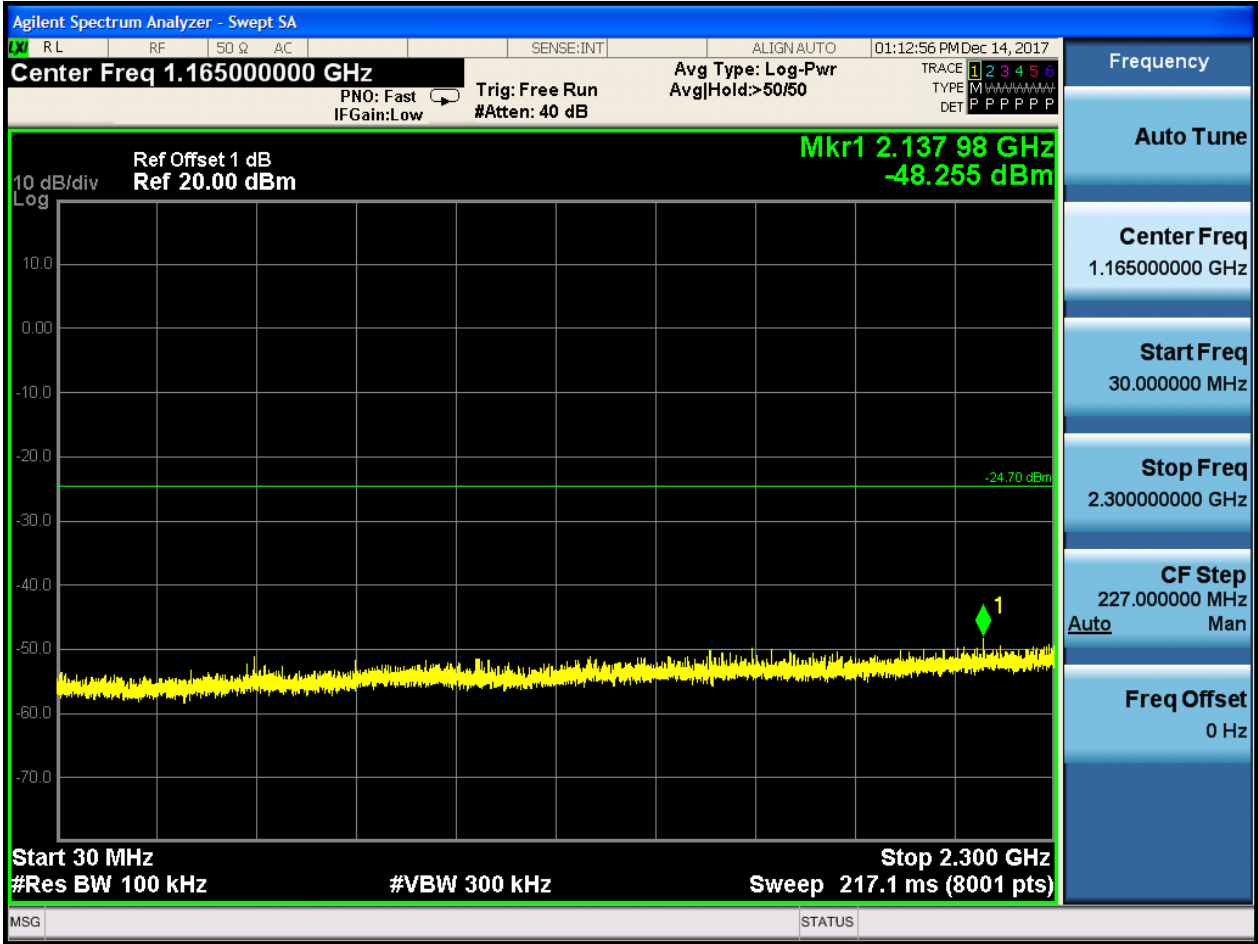


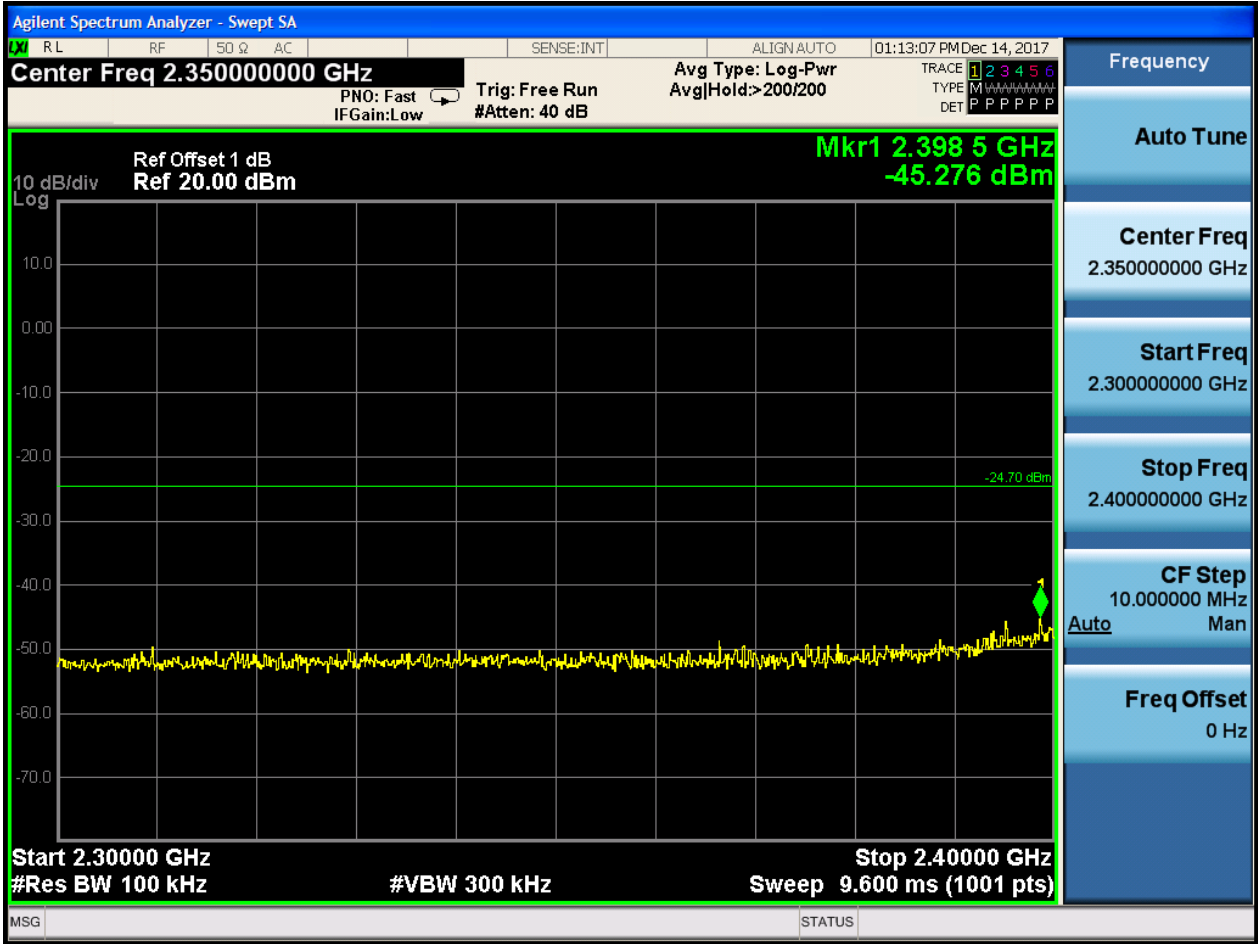


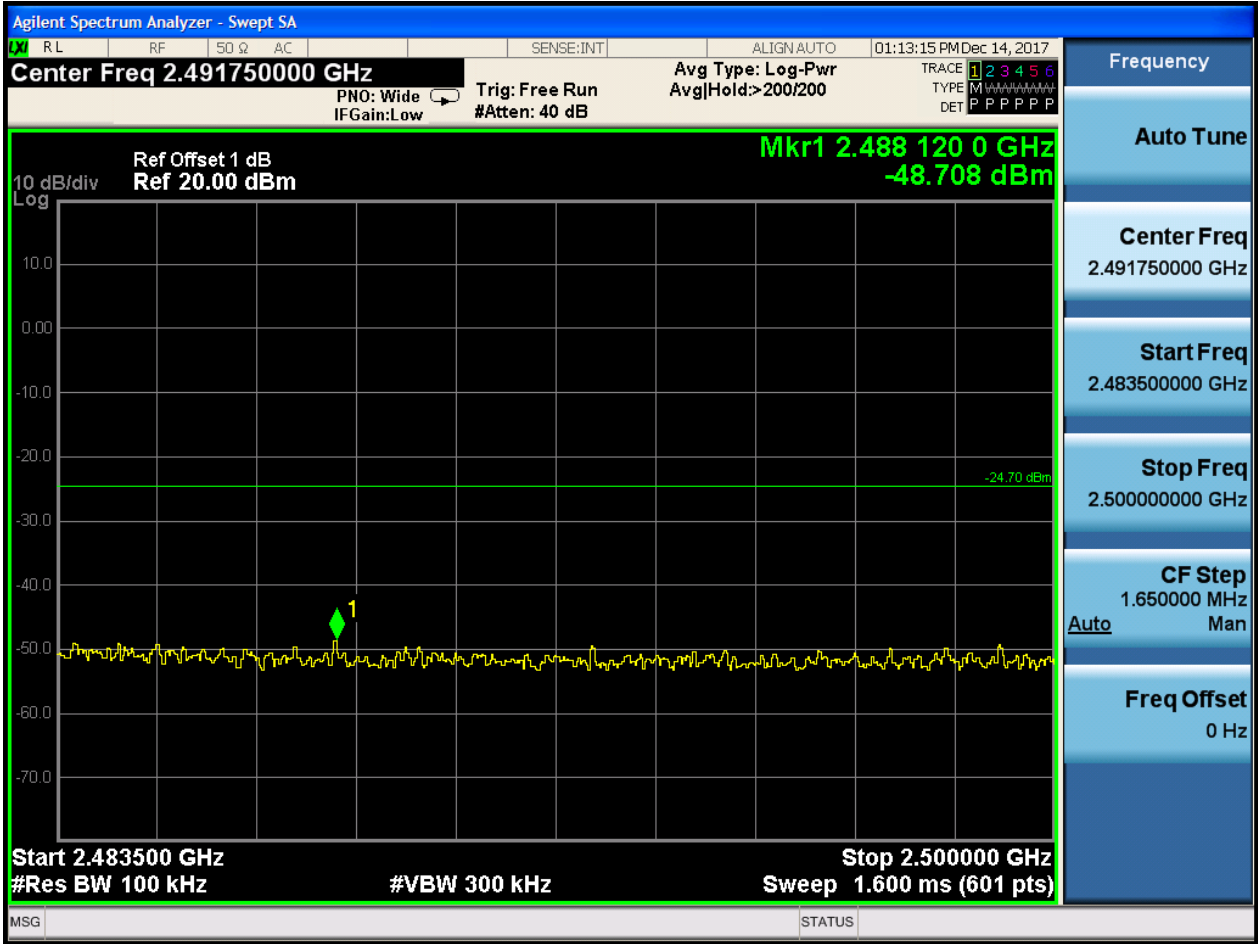
P<sub>u</sub>w:















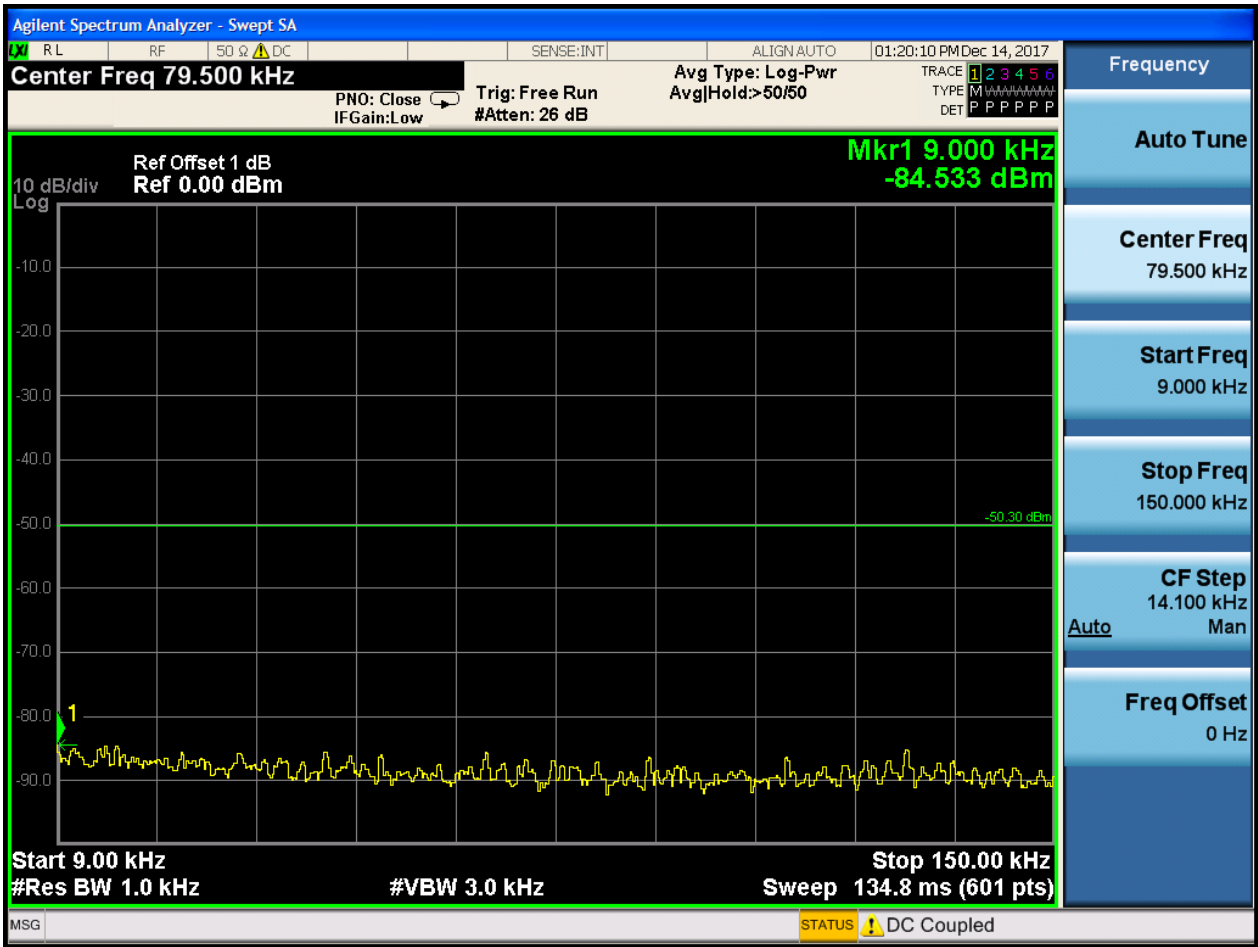
2.9 11N20\_H\_2462@Ant 1

Pref:

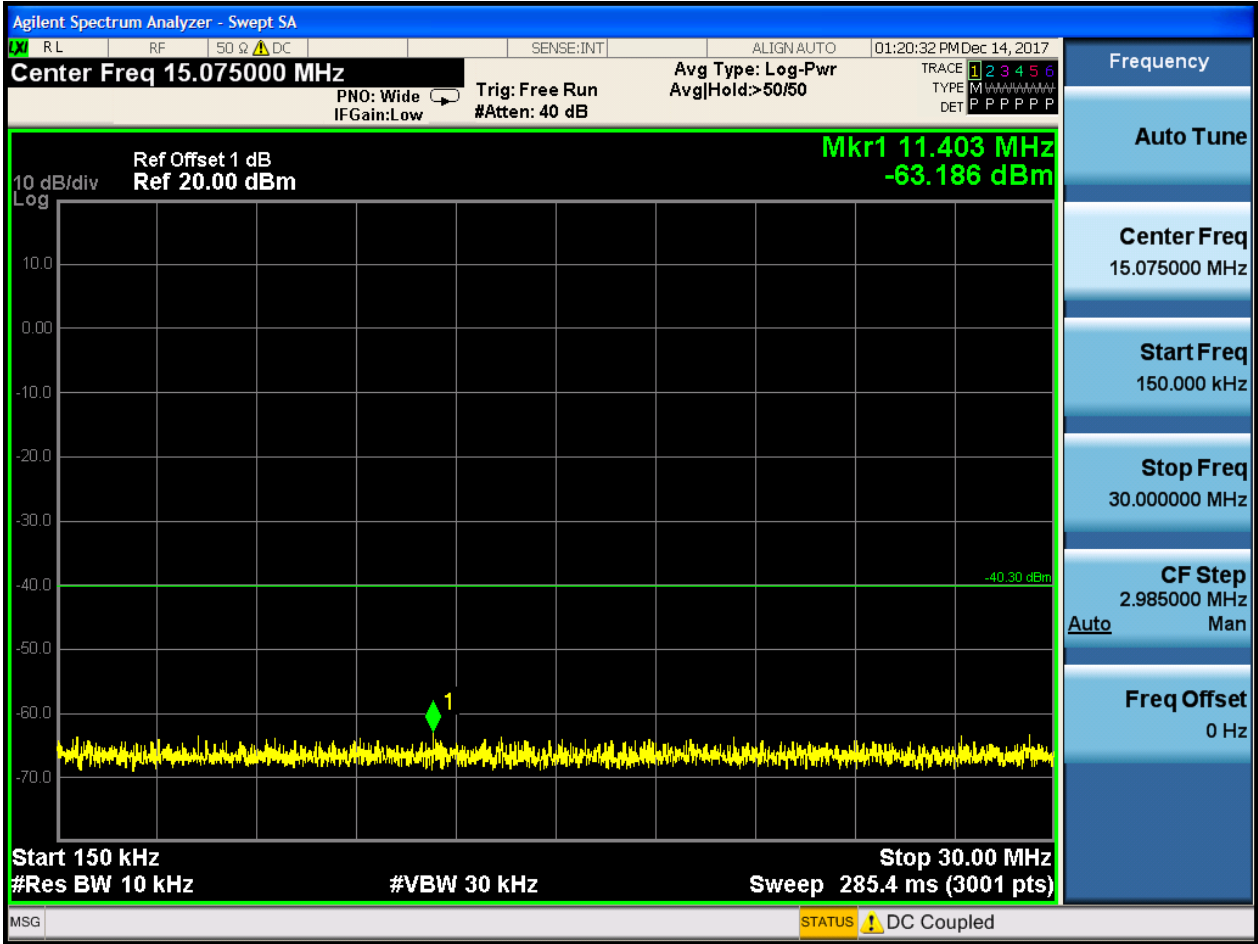


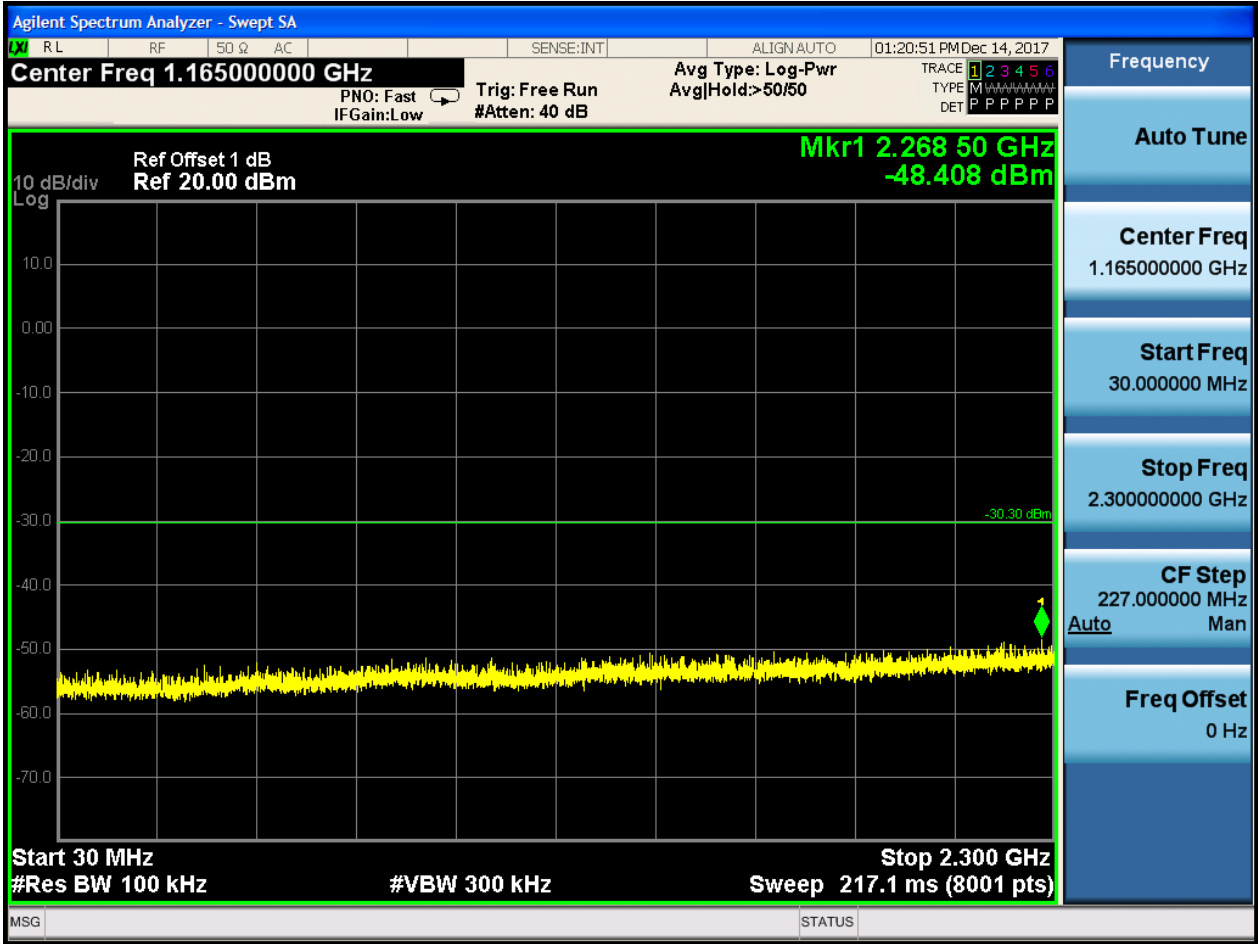


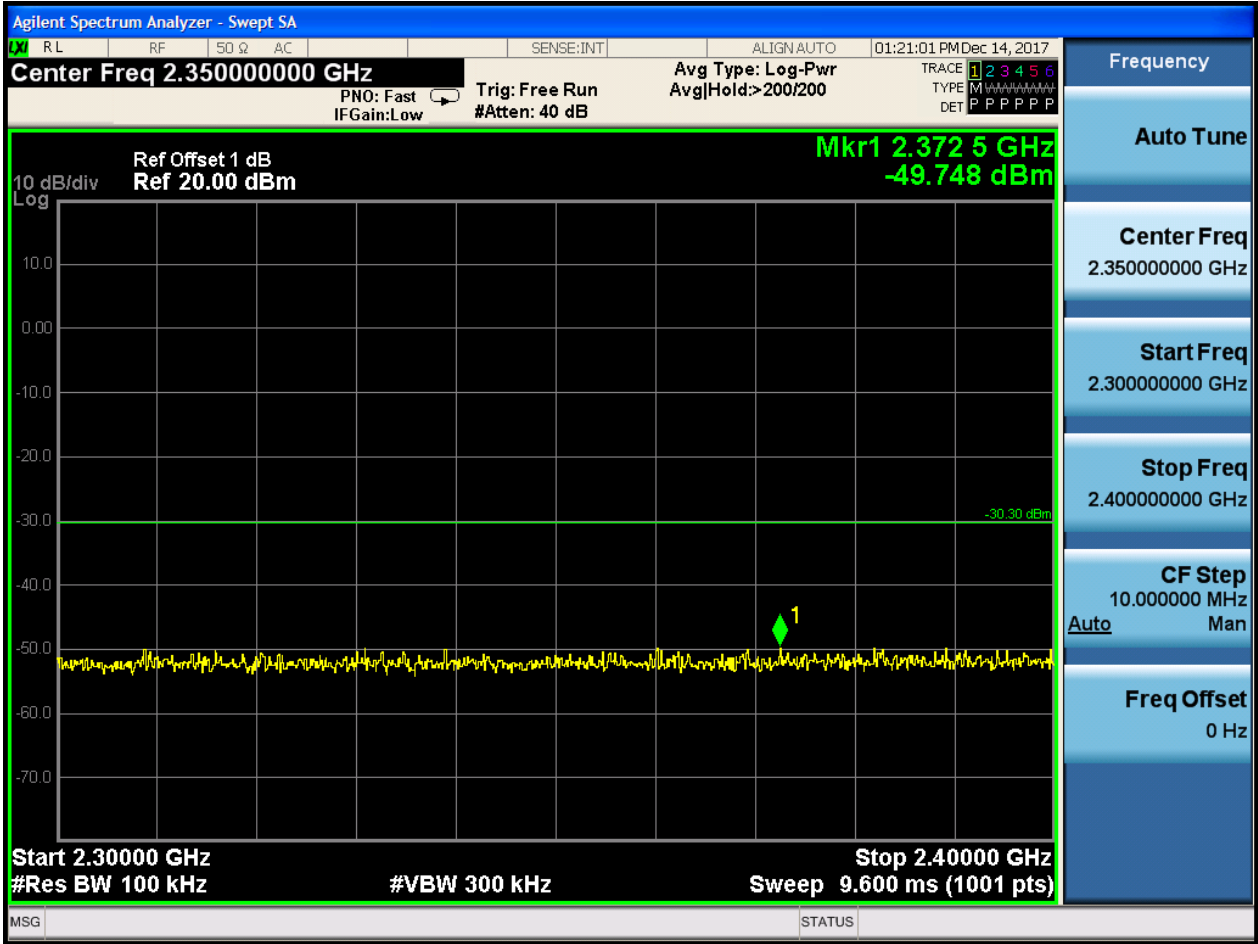
P<sub>u</sub>w:

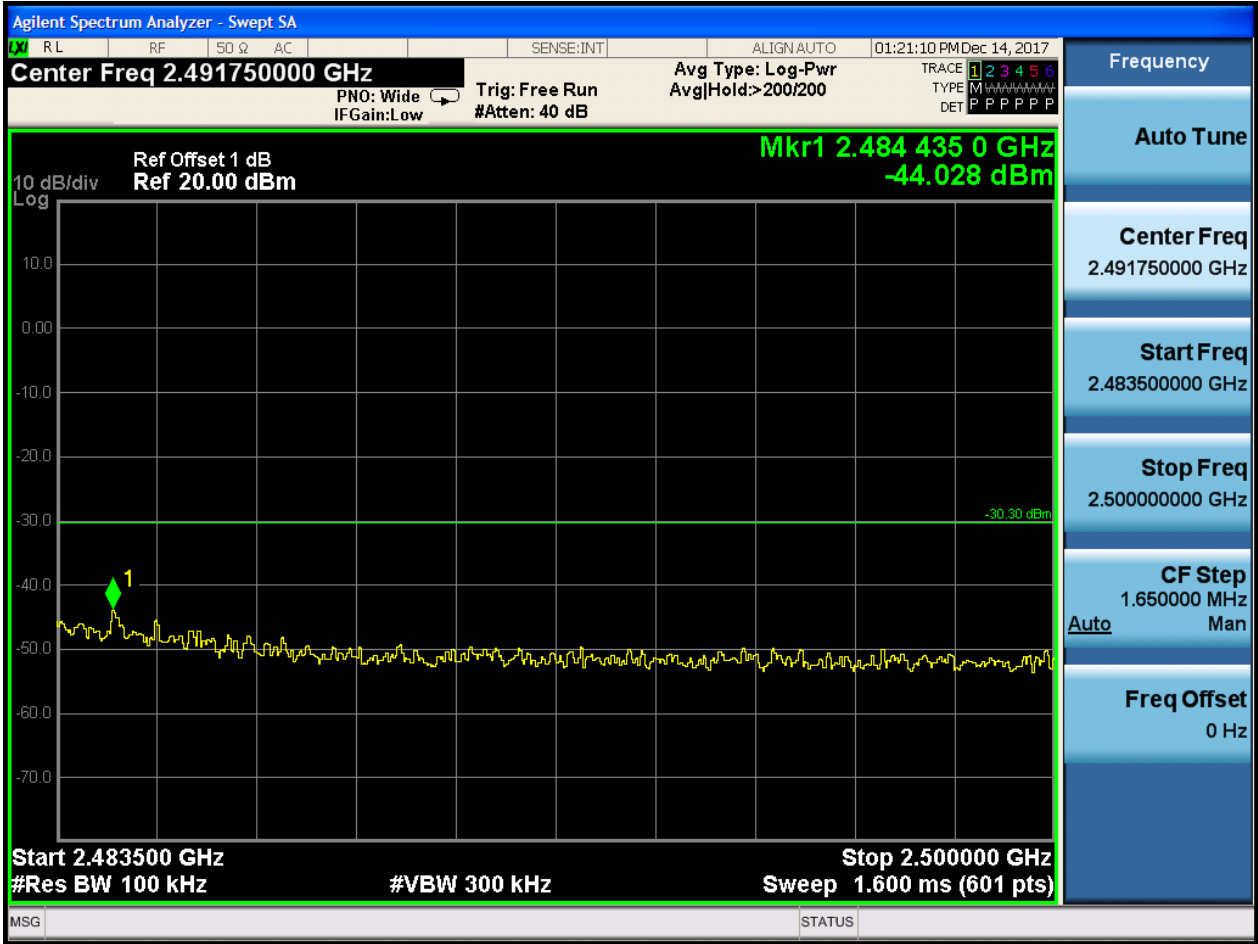










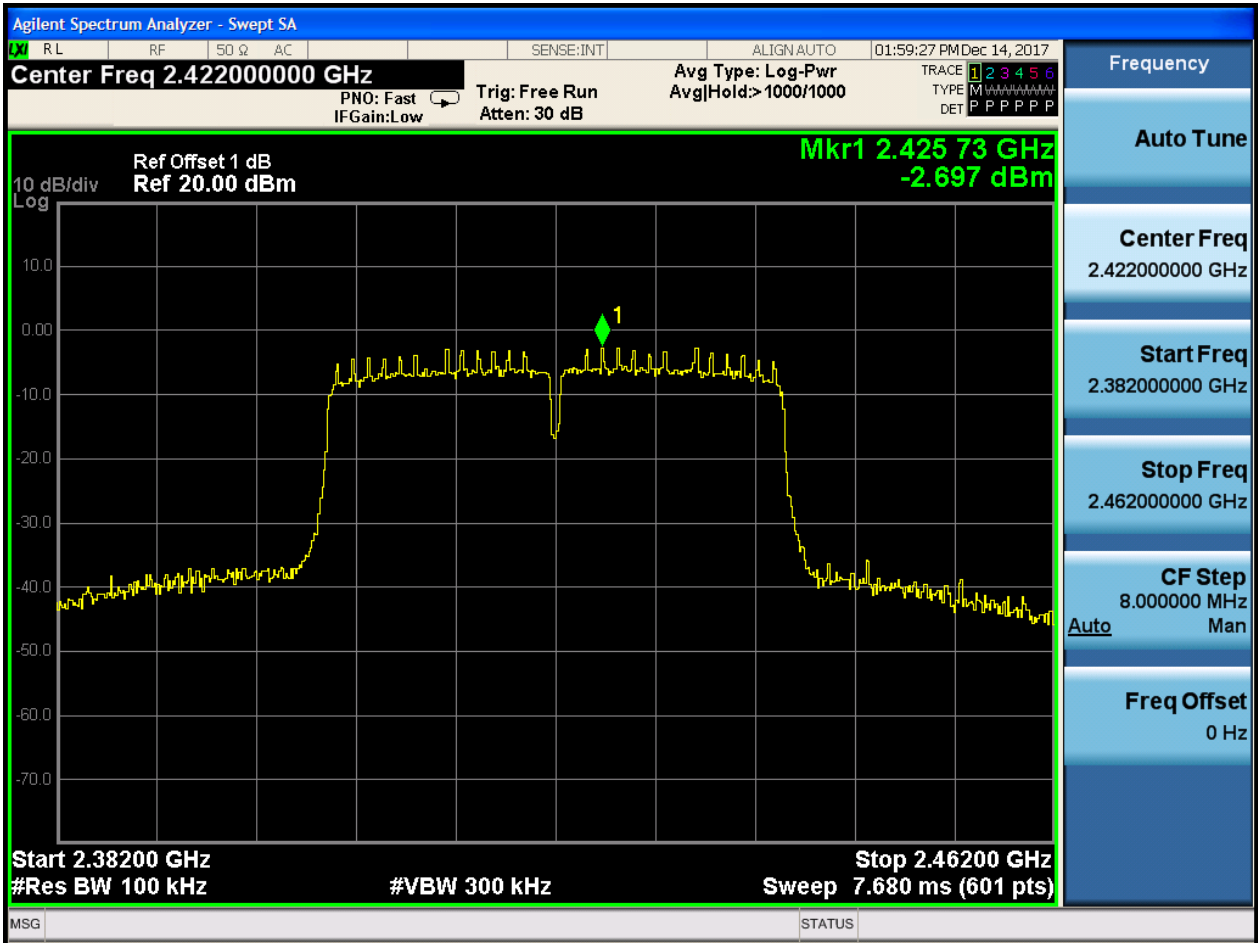






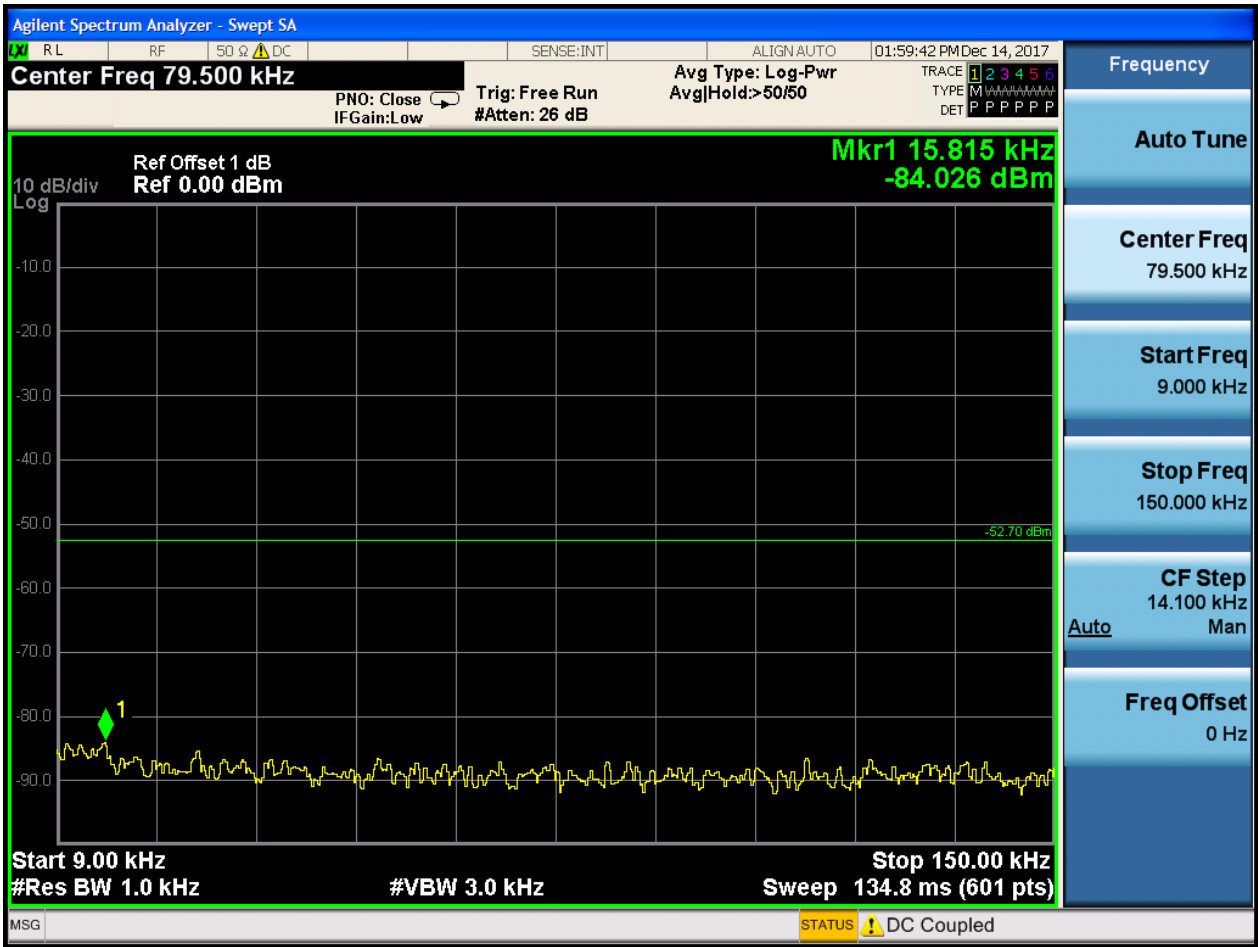
2.10 11N40\_L@Ant 1

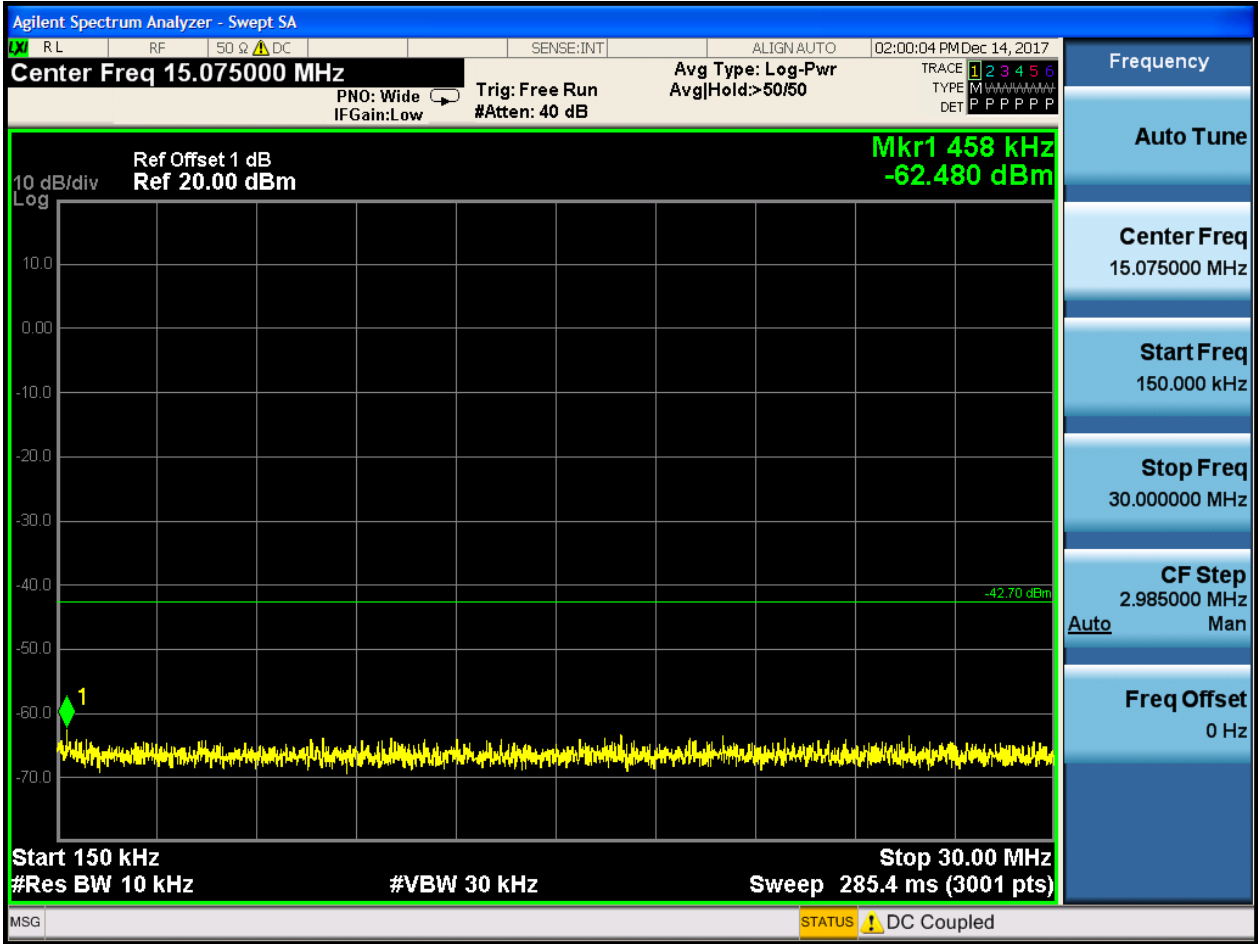
Pref:



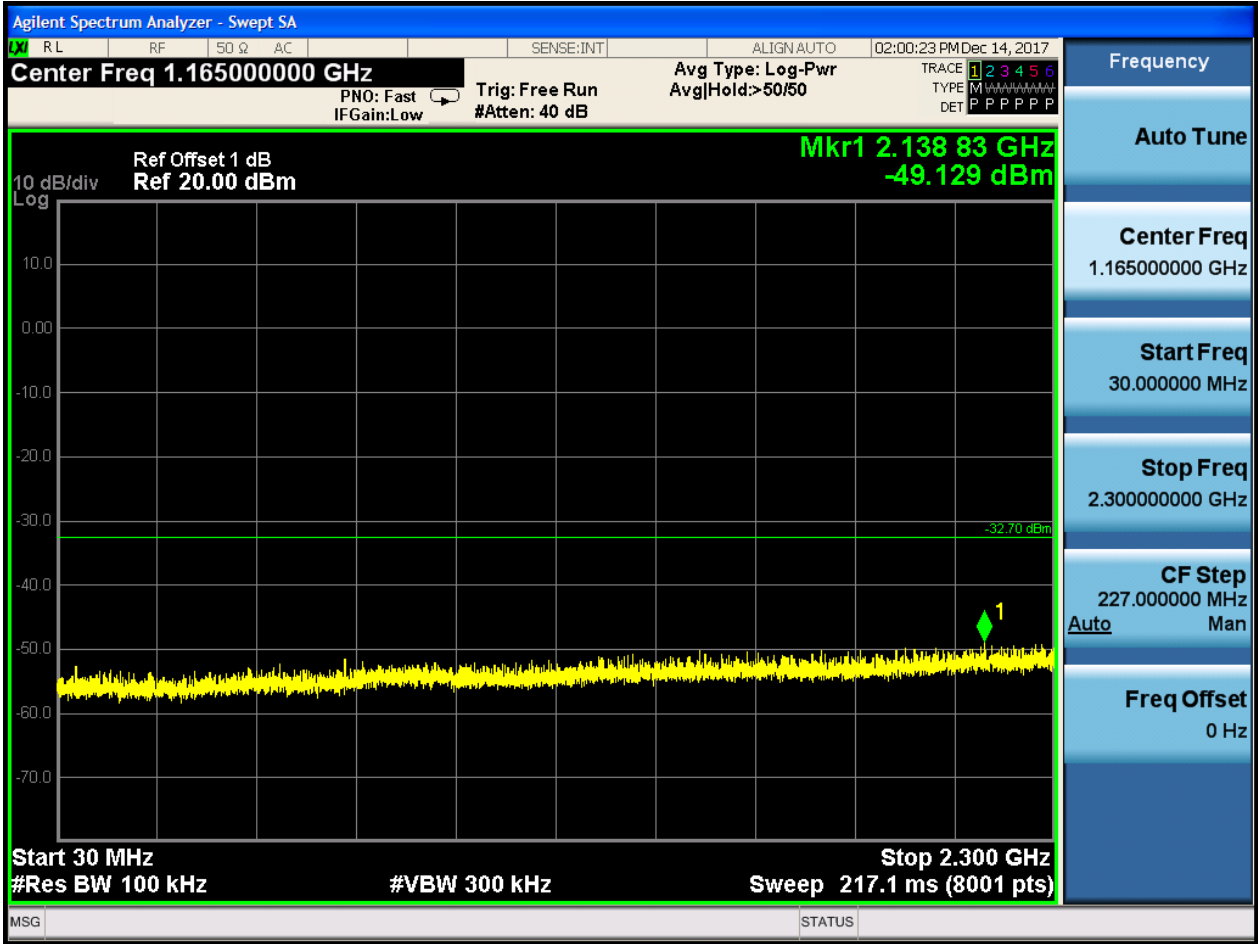


Puw:

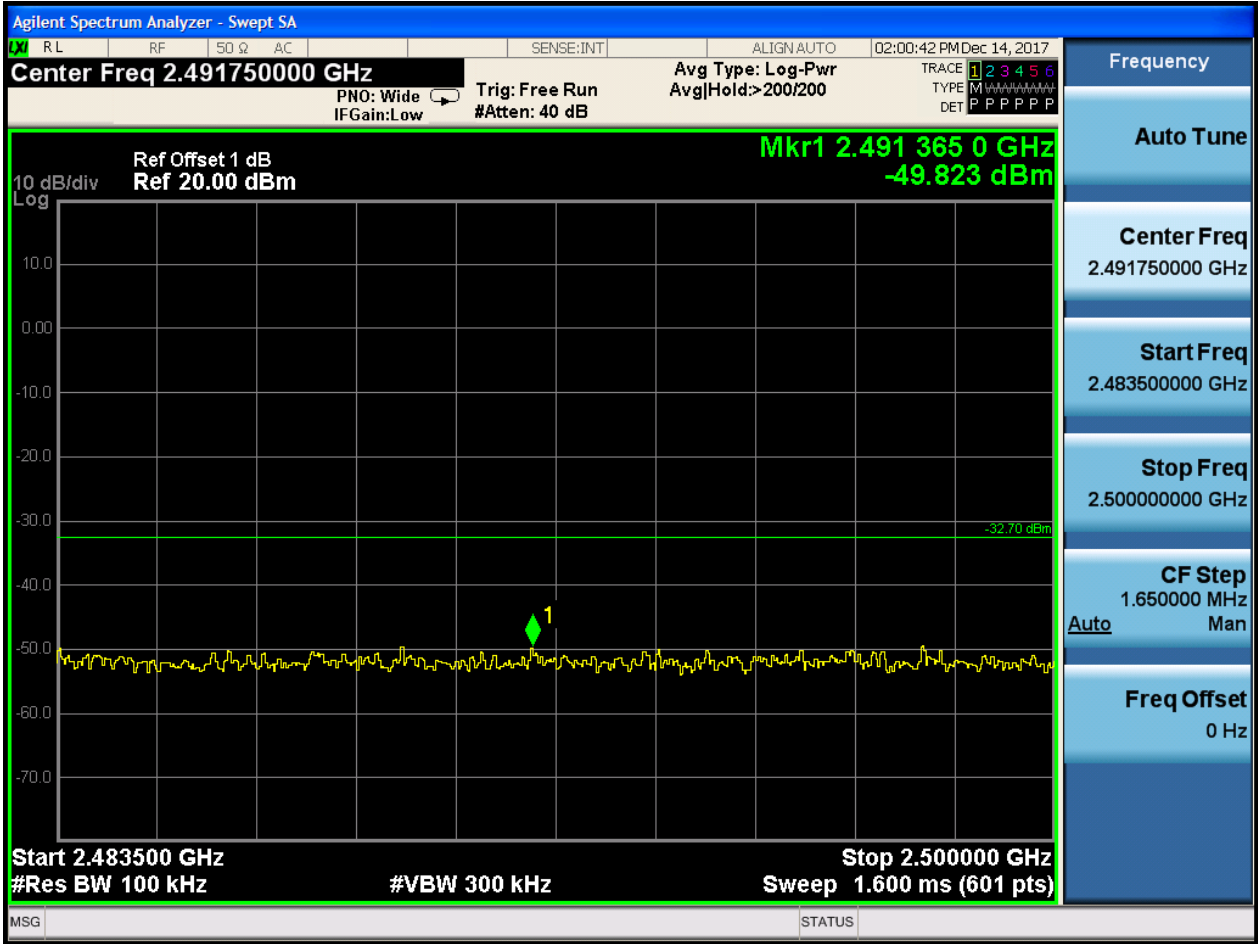










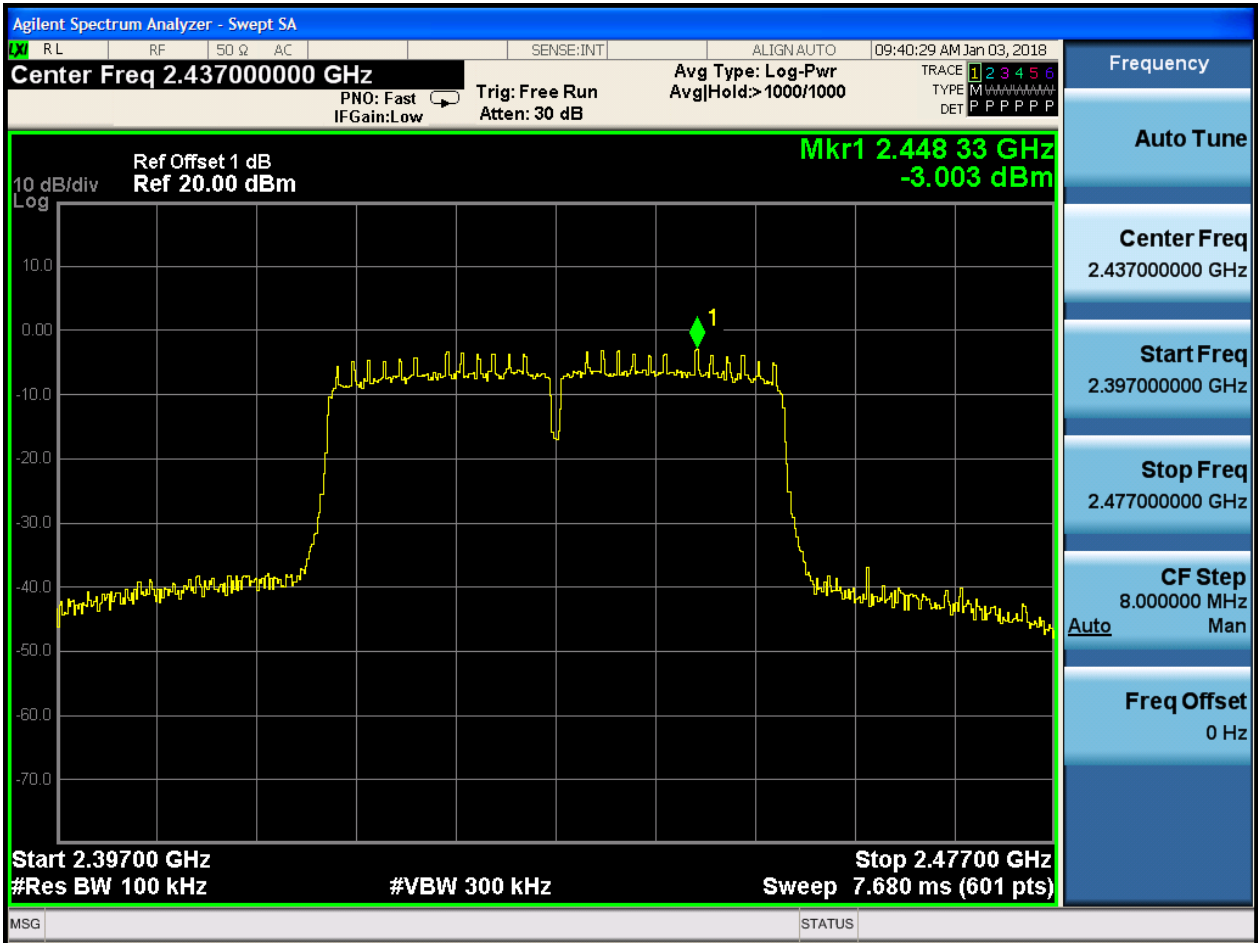






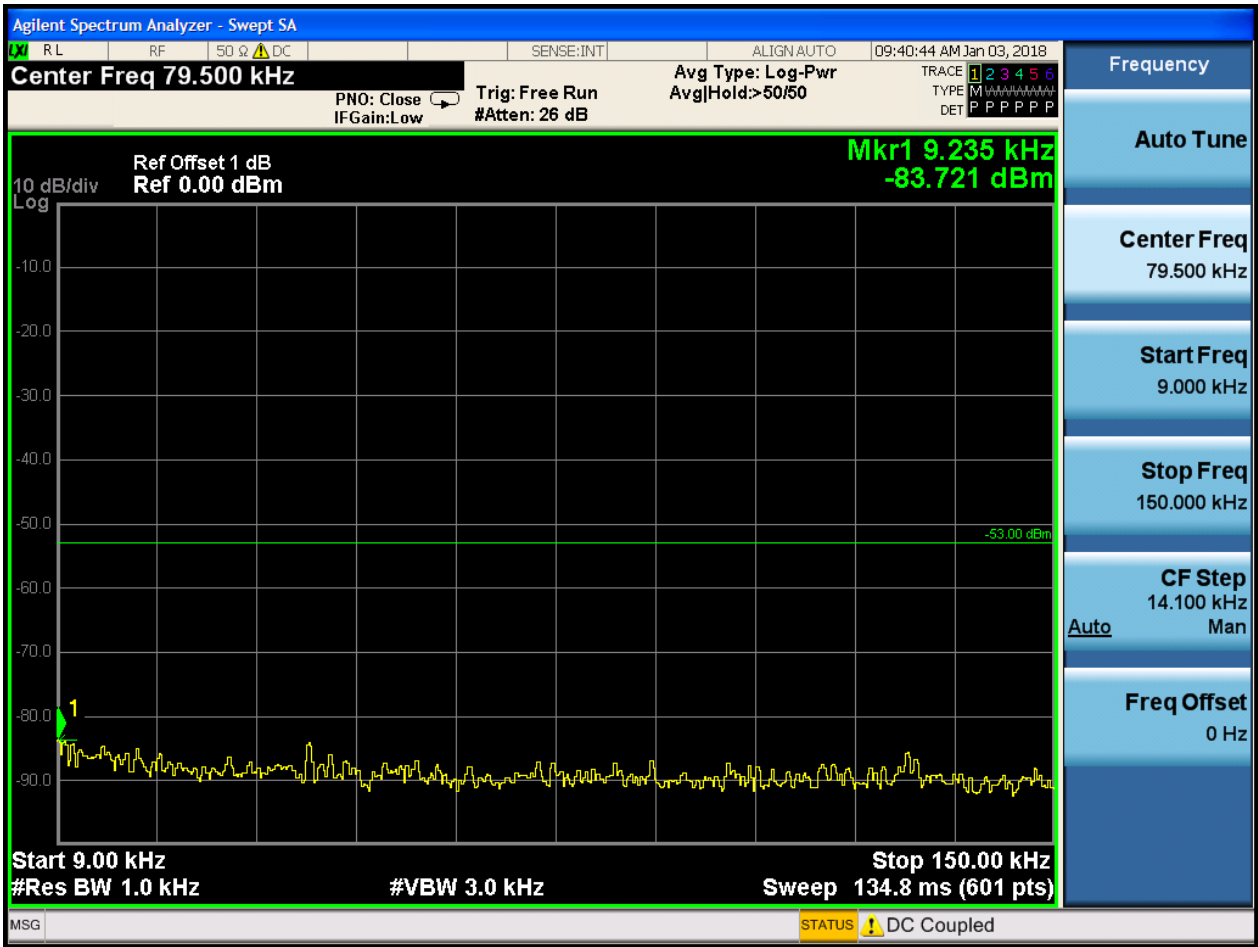
2.11 11N40\_M@Ant 1

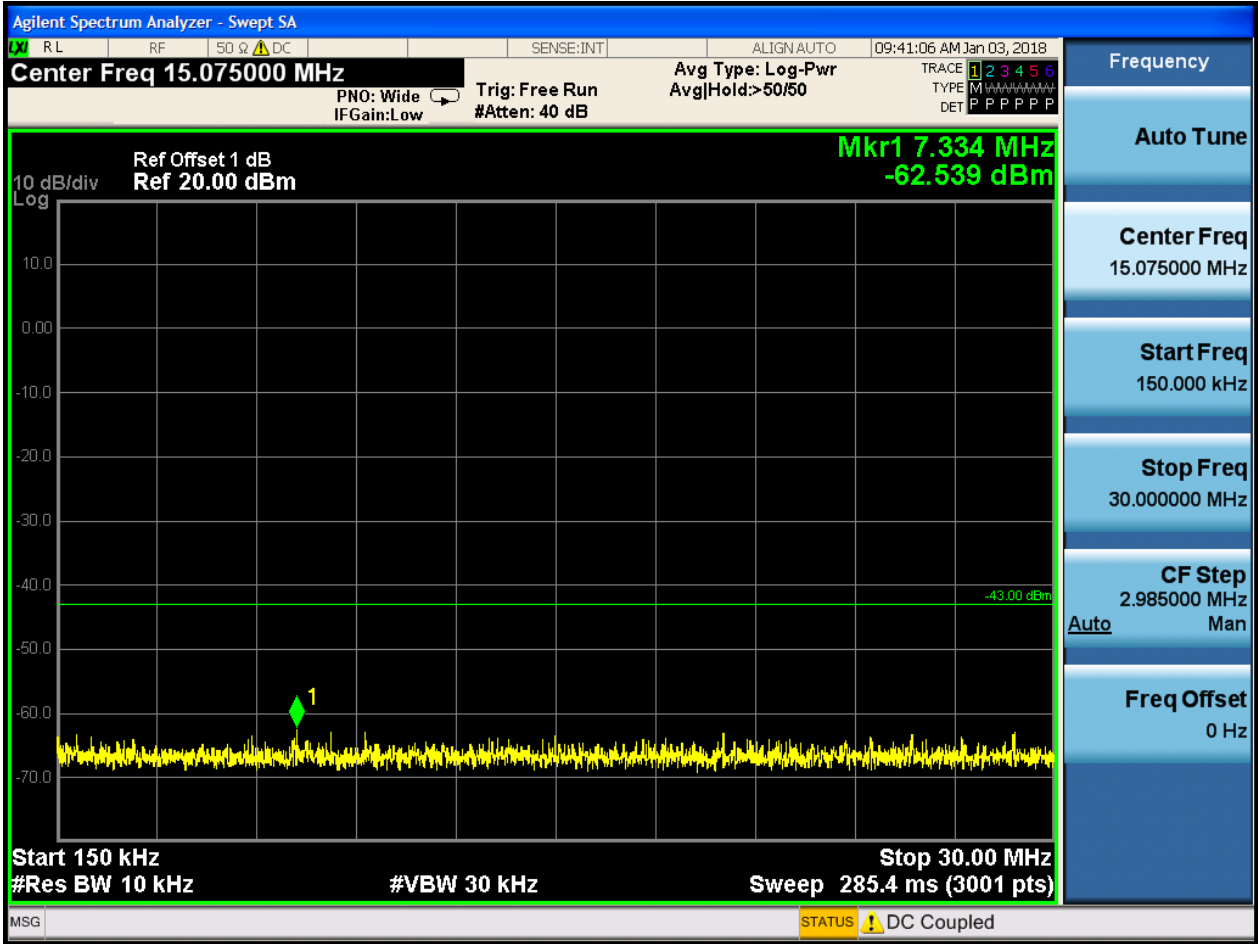
Pref:

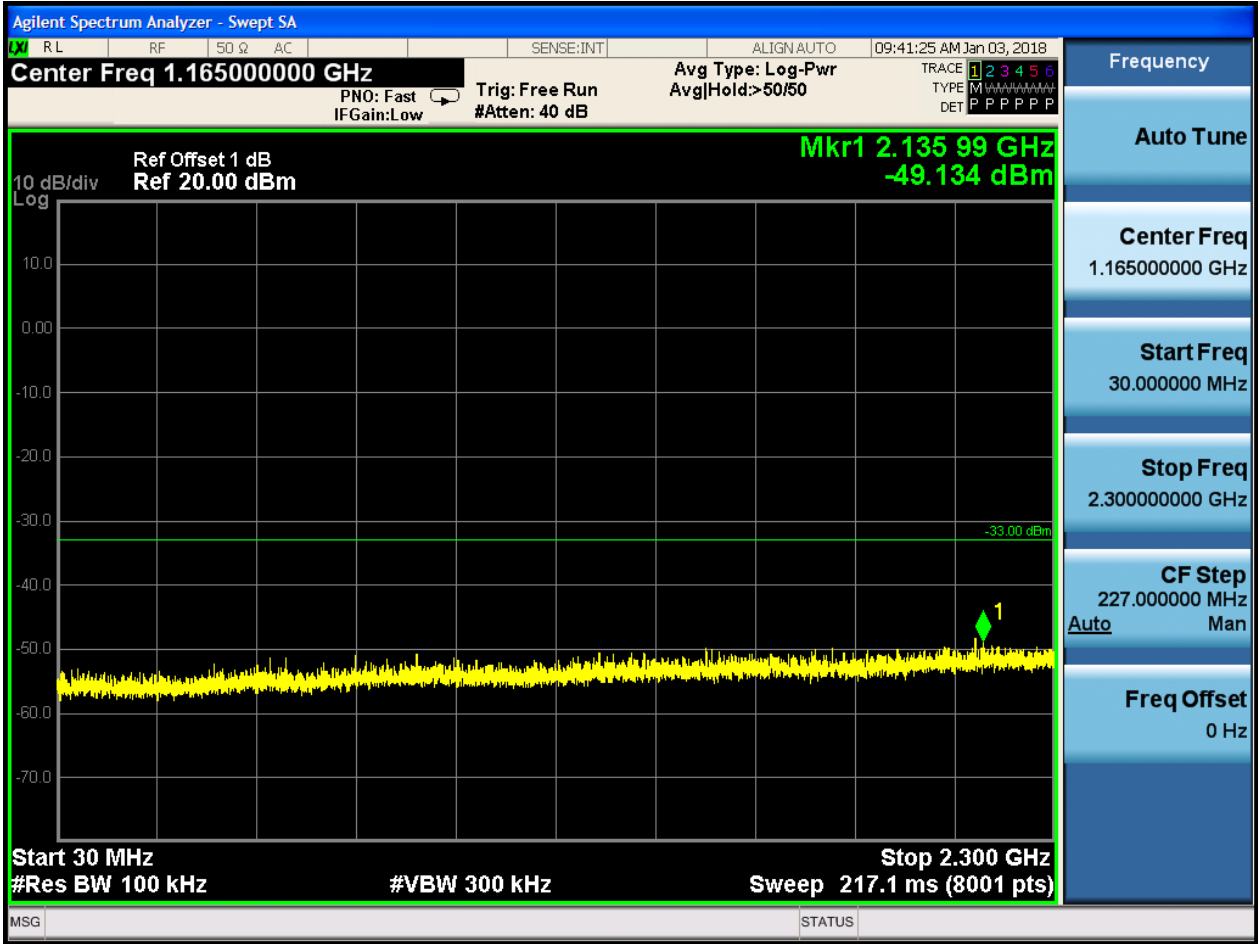




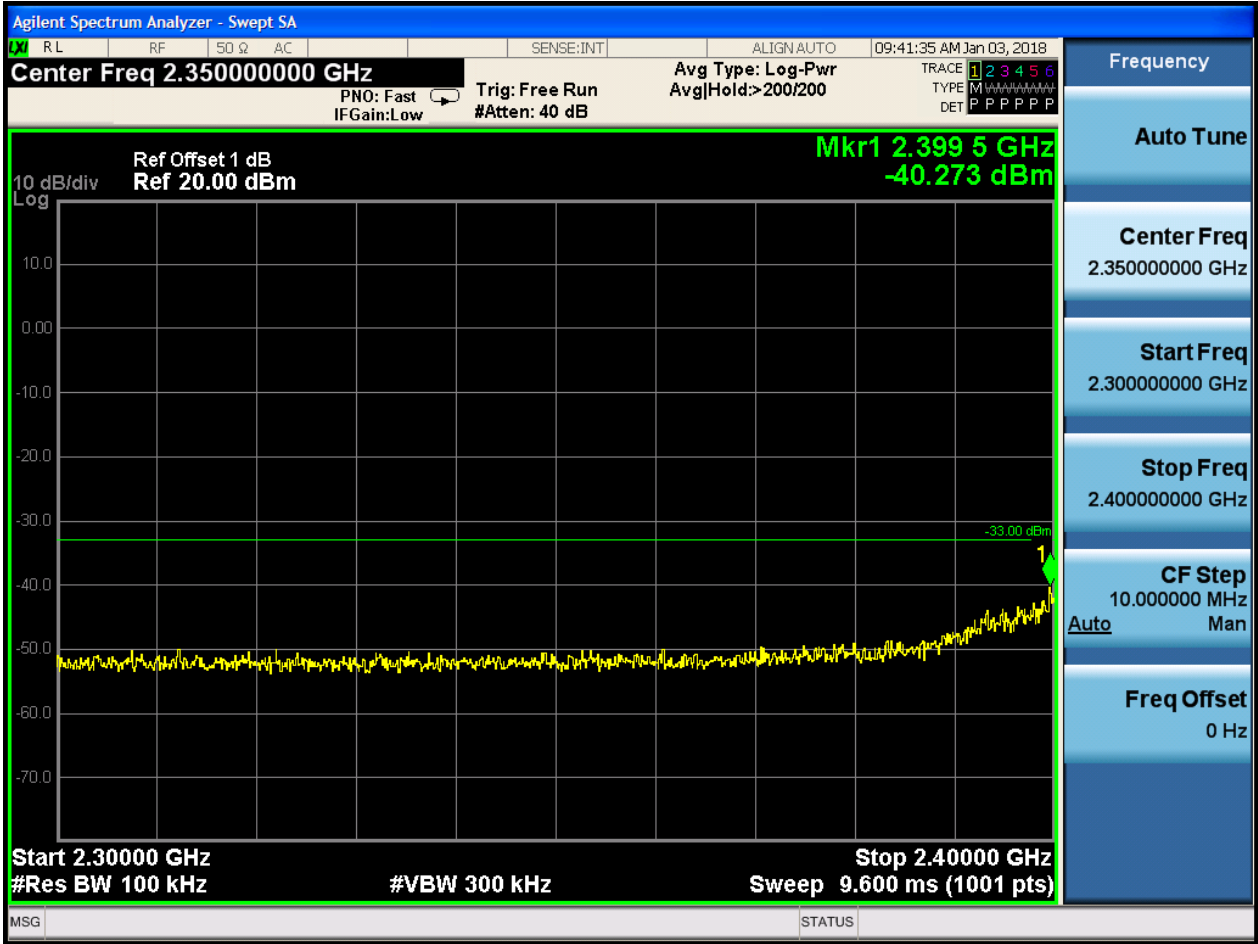
P<sub>uw</sub>:

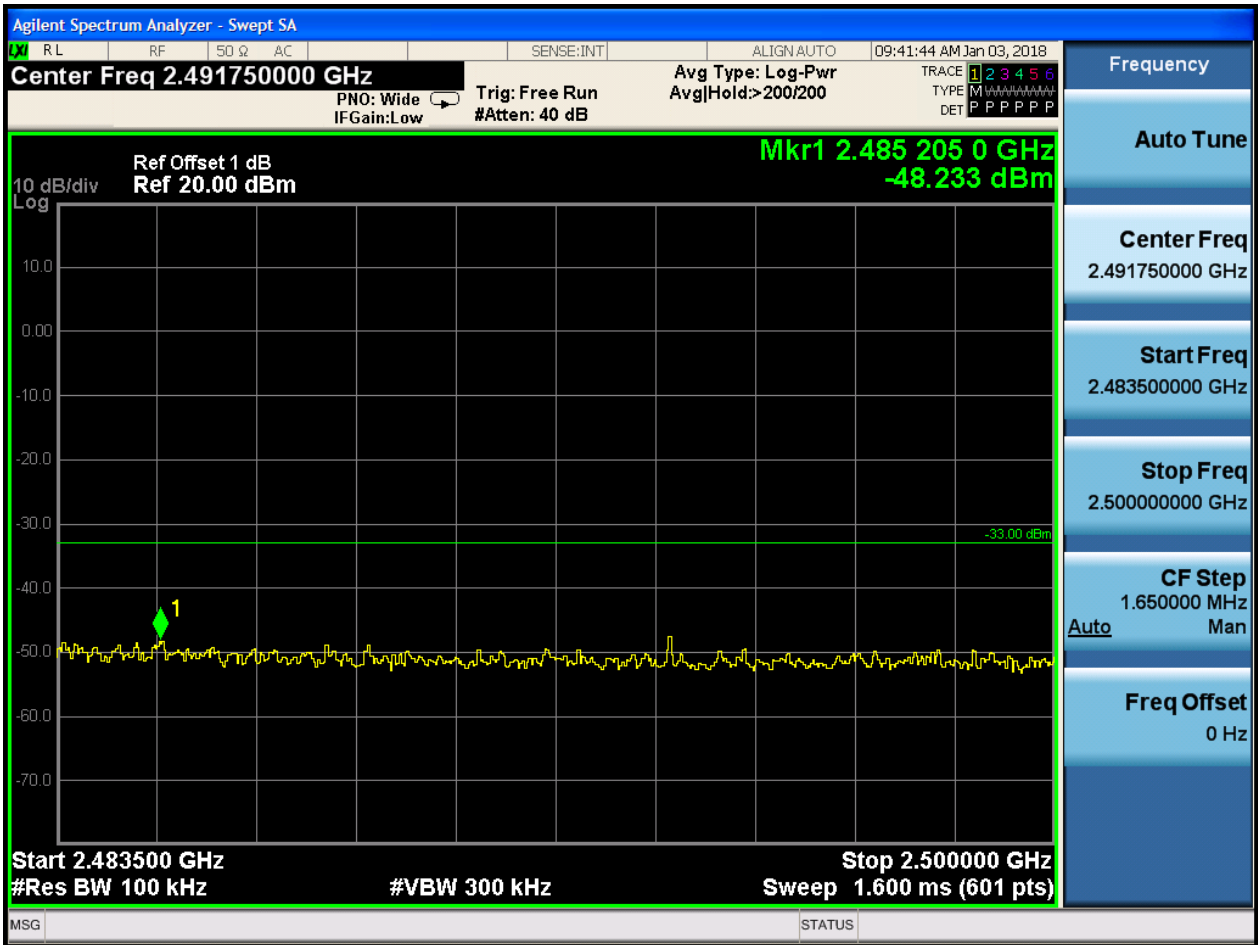










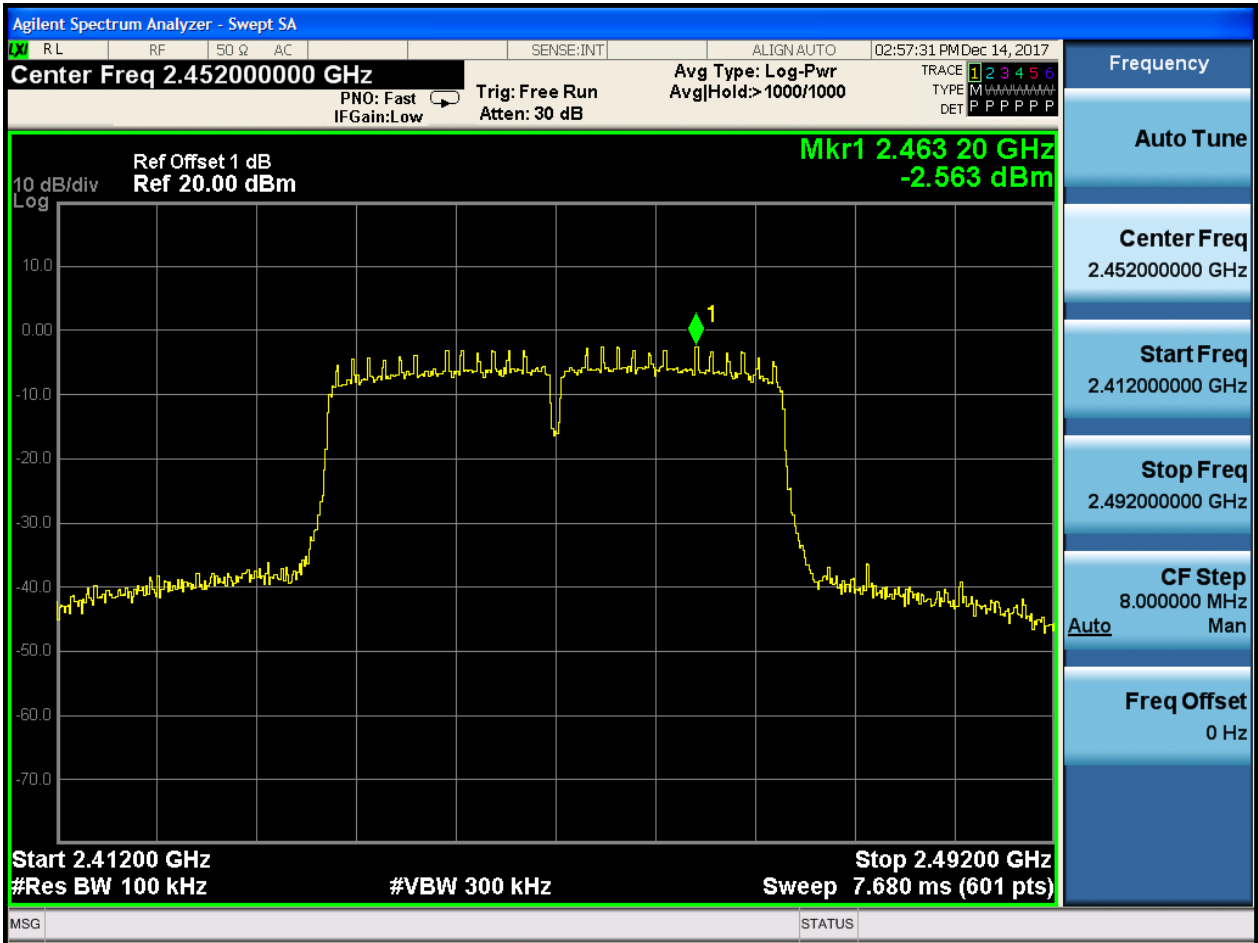






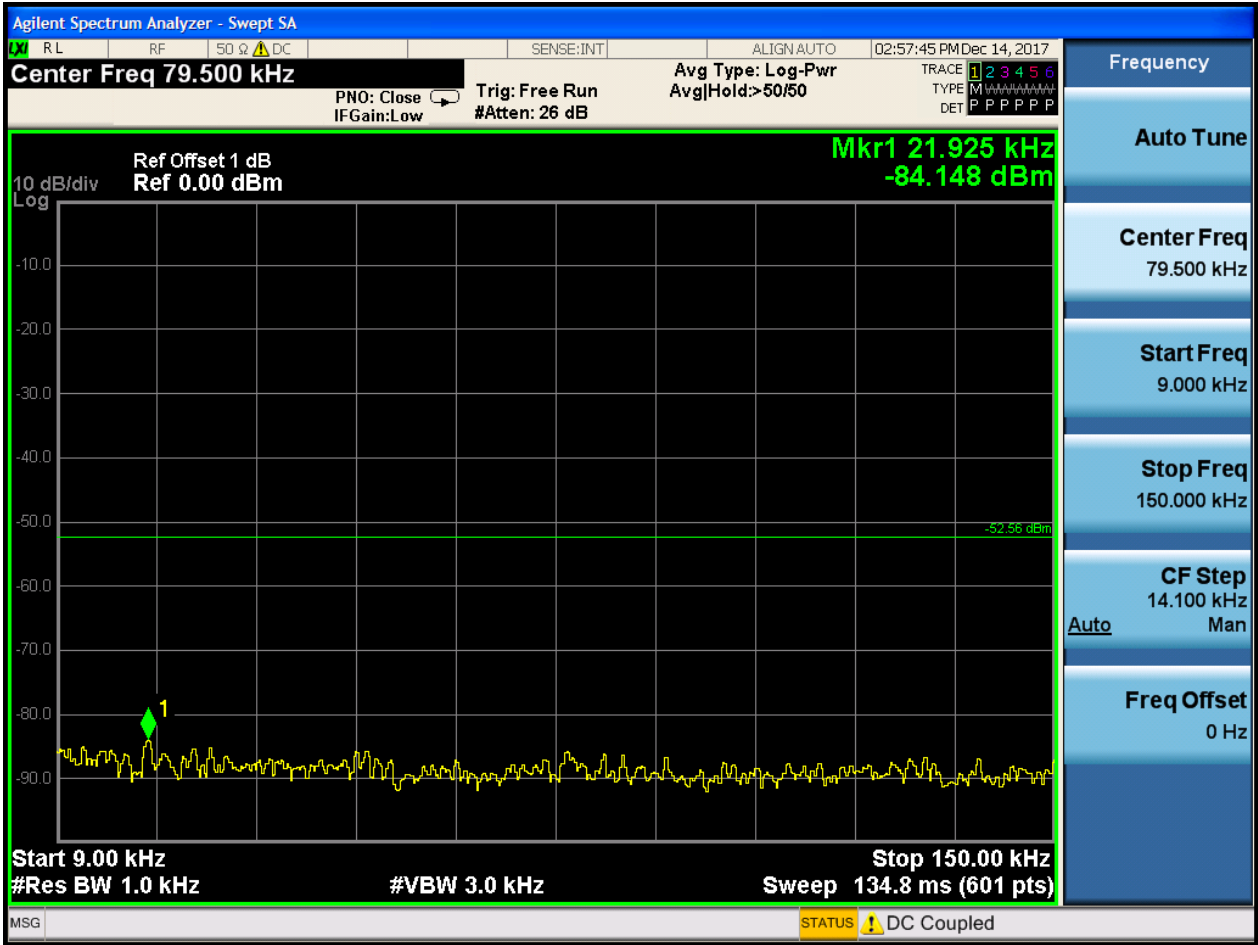
2.12 11N40\_H@Ant 1

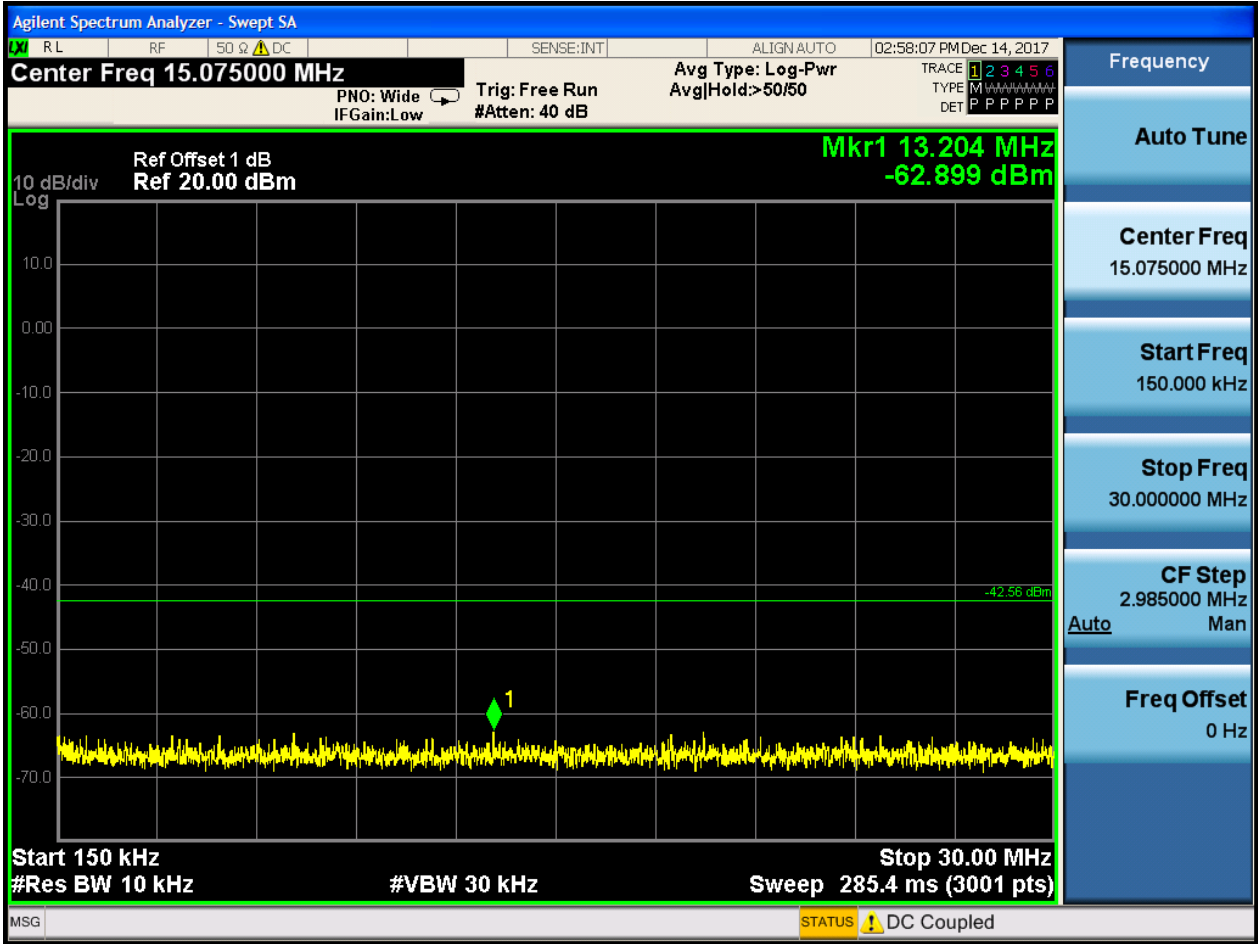
Pref:

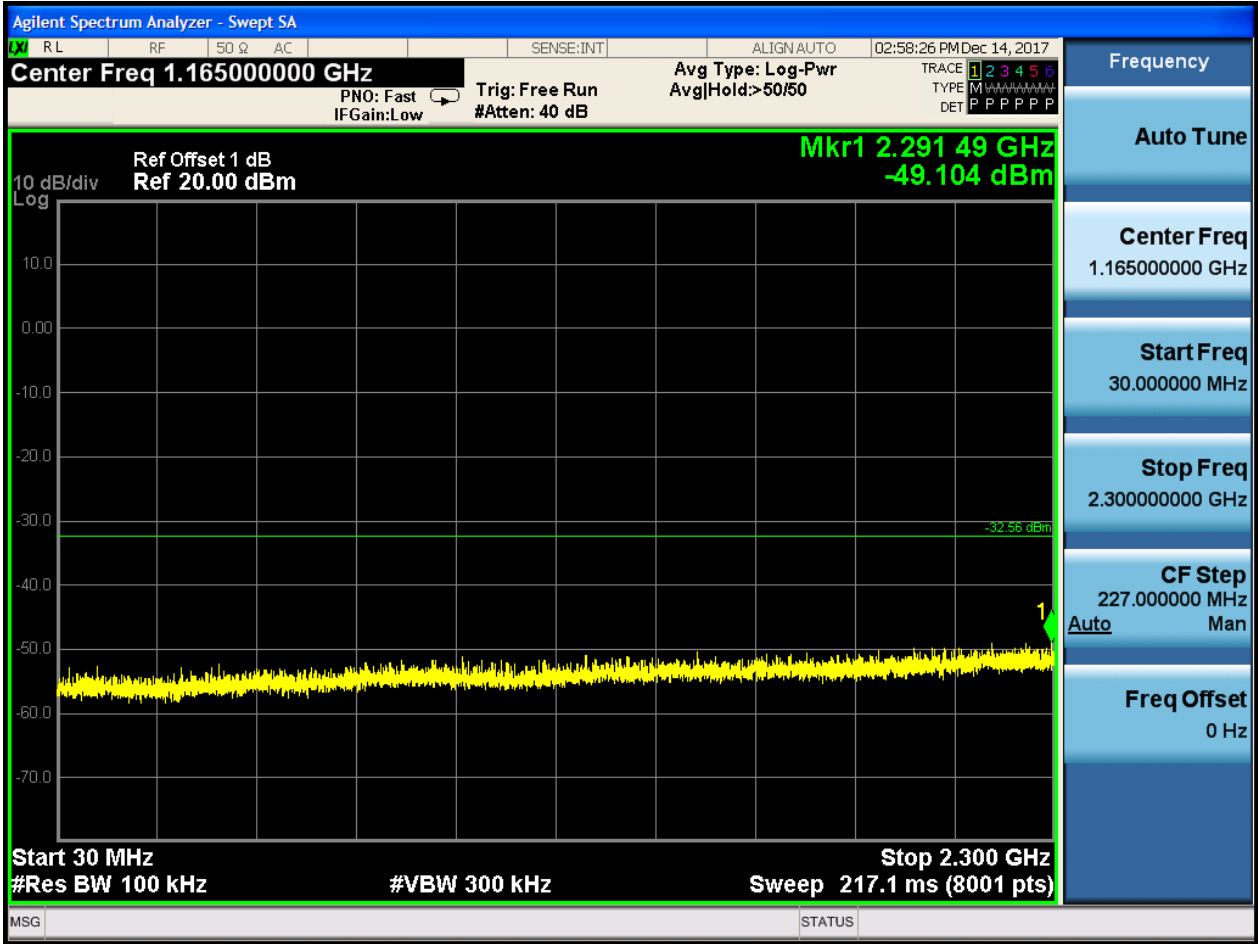


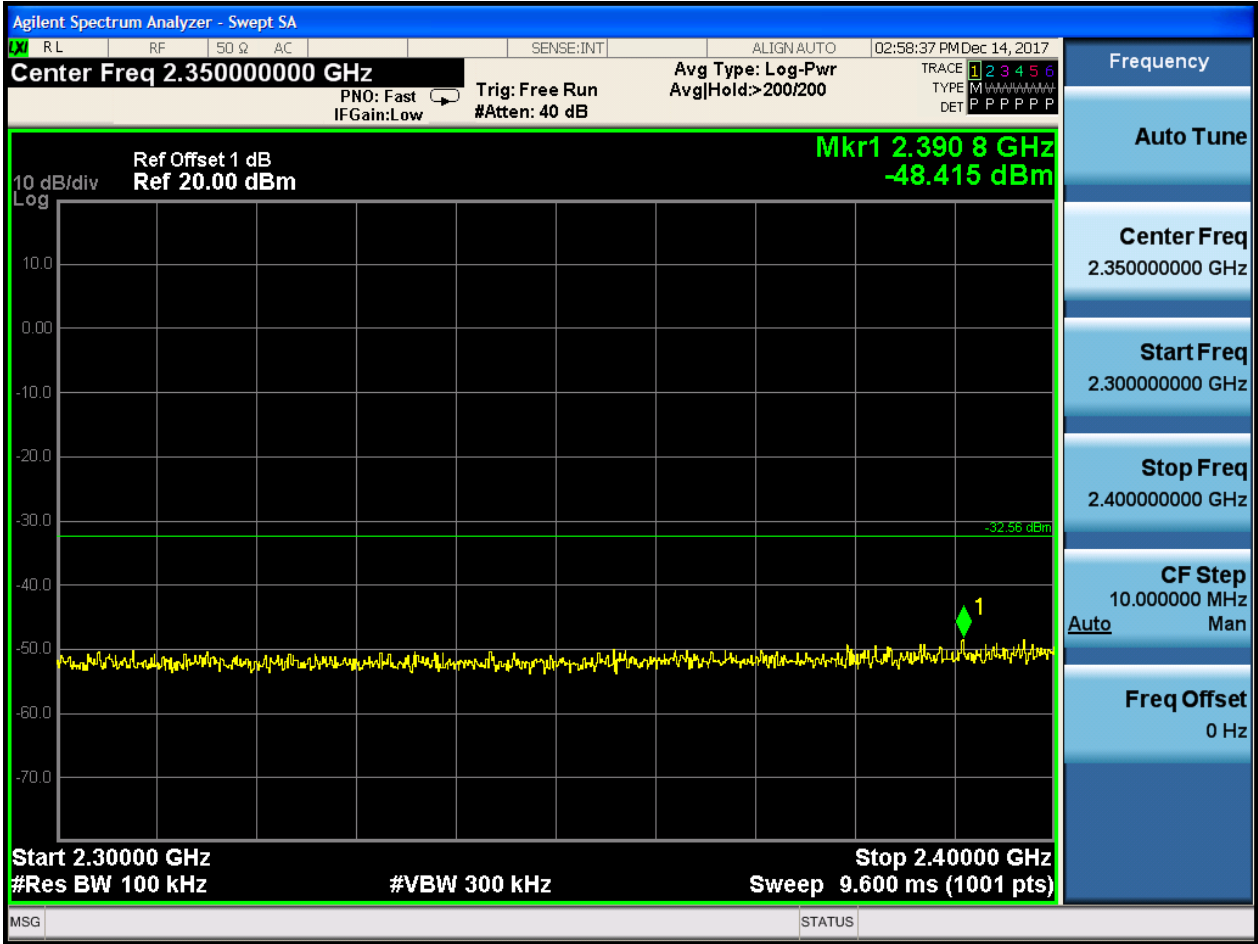


Puw:

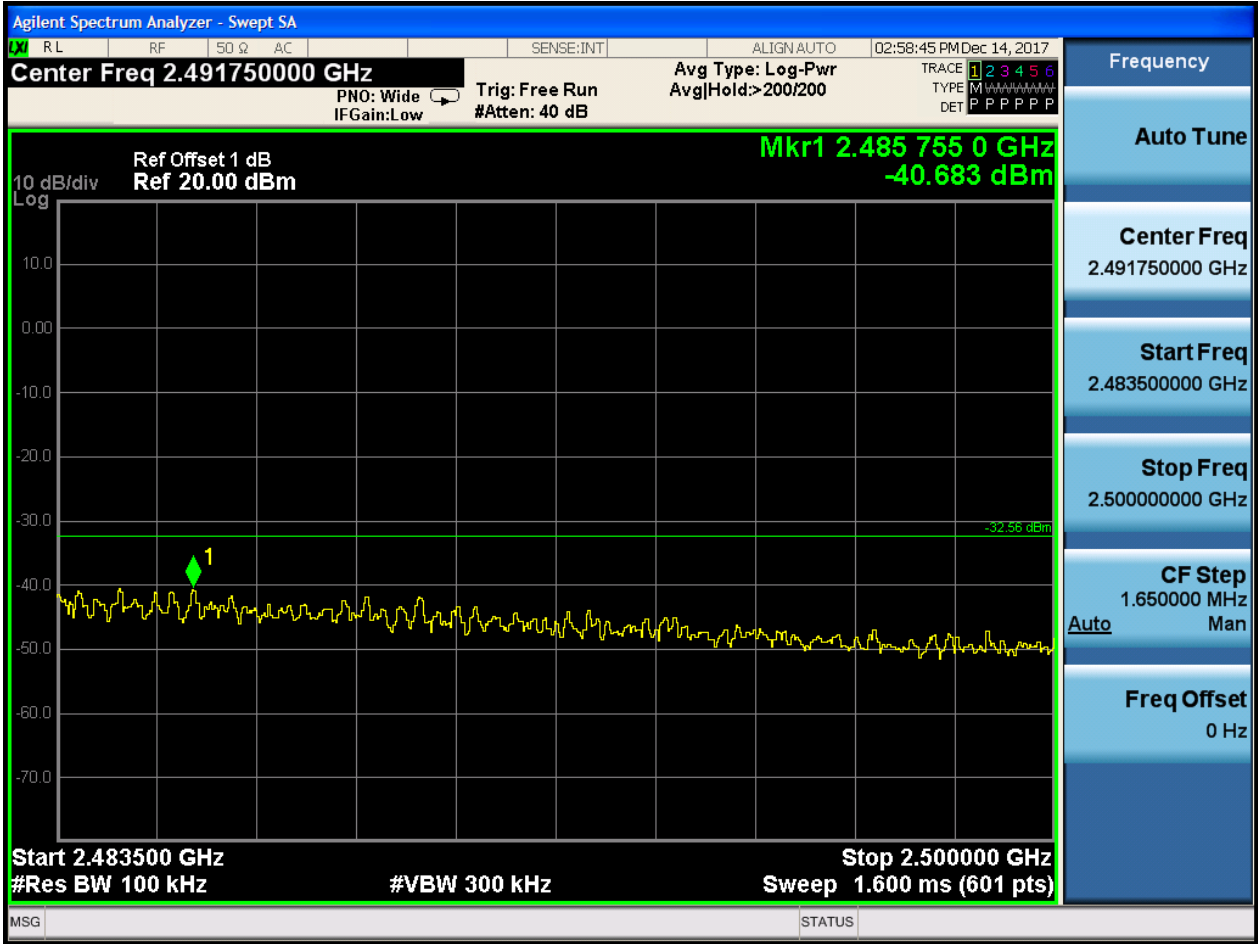














## Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

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

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

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

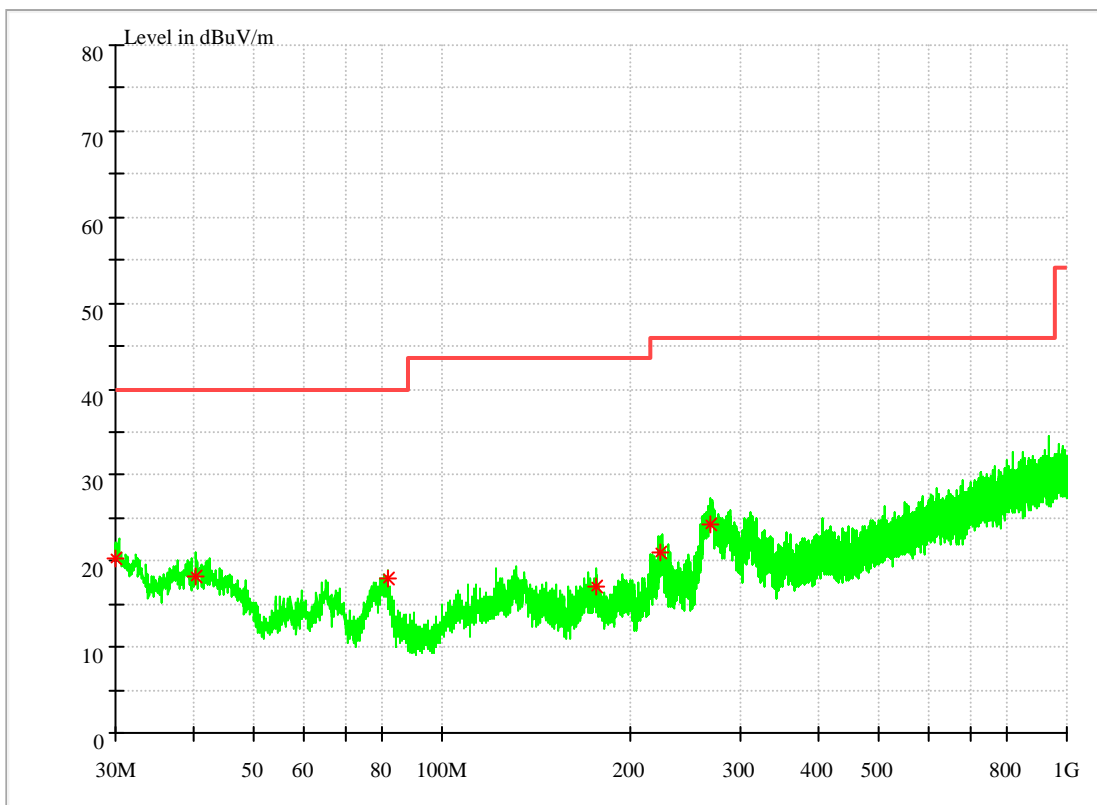
### 1.1 Part 1: Testing Range of “9 kHz to 30MHz”

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 (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
30.097000	20.24	40.00	19.76	100.0	H	230.0	13.5
40.427500	18.30	40.00	21.70	100.0	H	147.0	17.3
81.895000	17.86	40.00	22.14	100.0	H	221.0	8.4
176.179000	17.03	43.50	26.47	100.0	H	2.0	11.3
223.515000	20.91	46.00	25.09	100.0	H	209.0	14.0
268.911000	24.26	46.00	21.74	100.0	H	21.0	14.9

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.

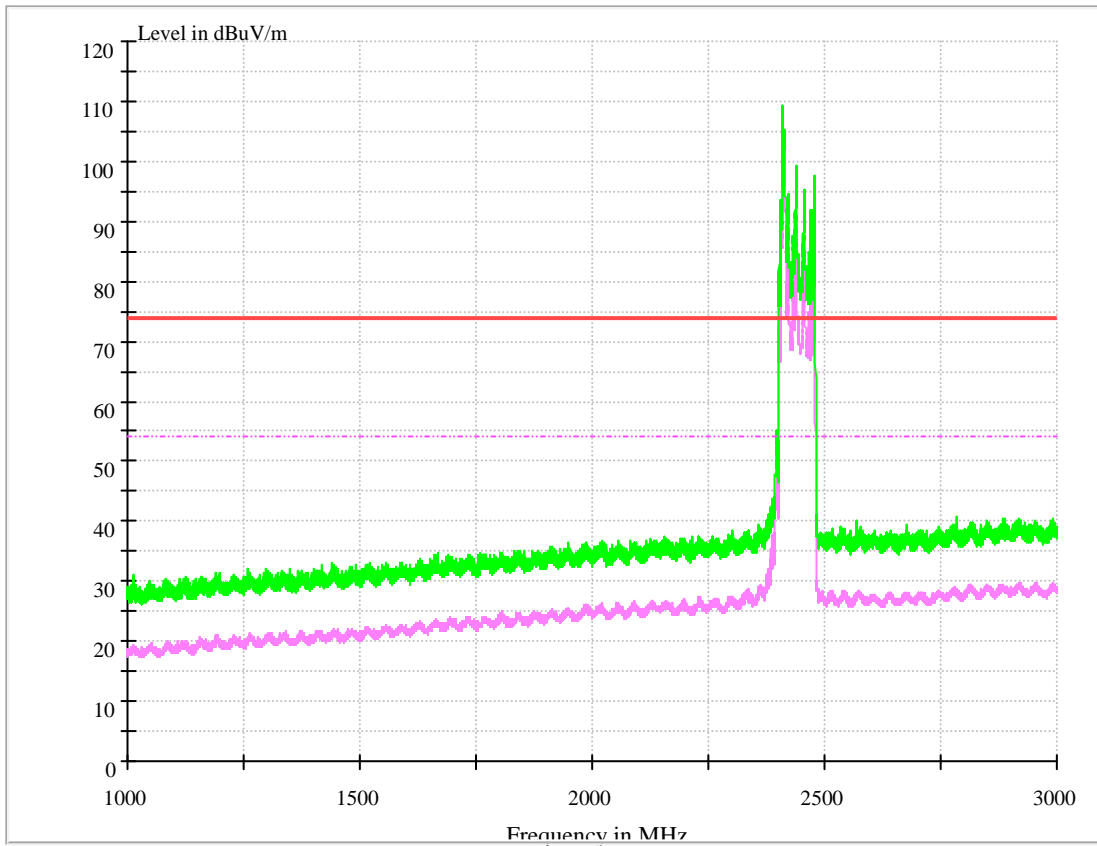
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).

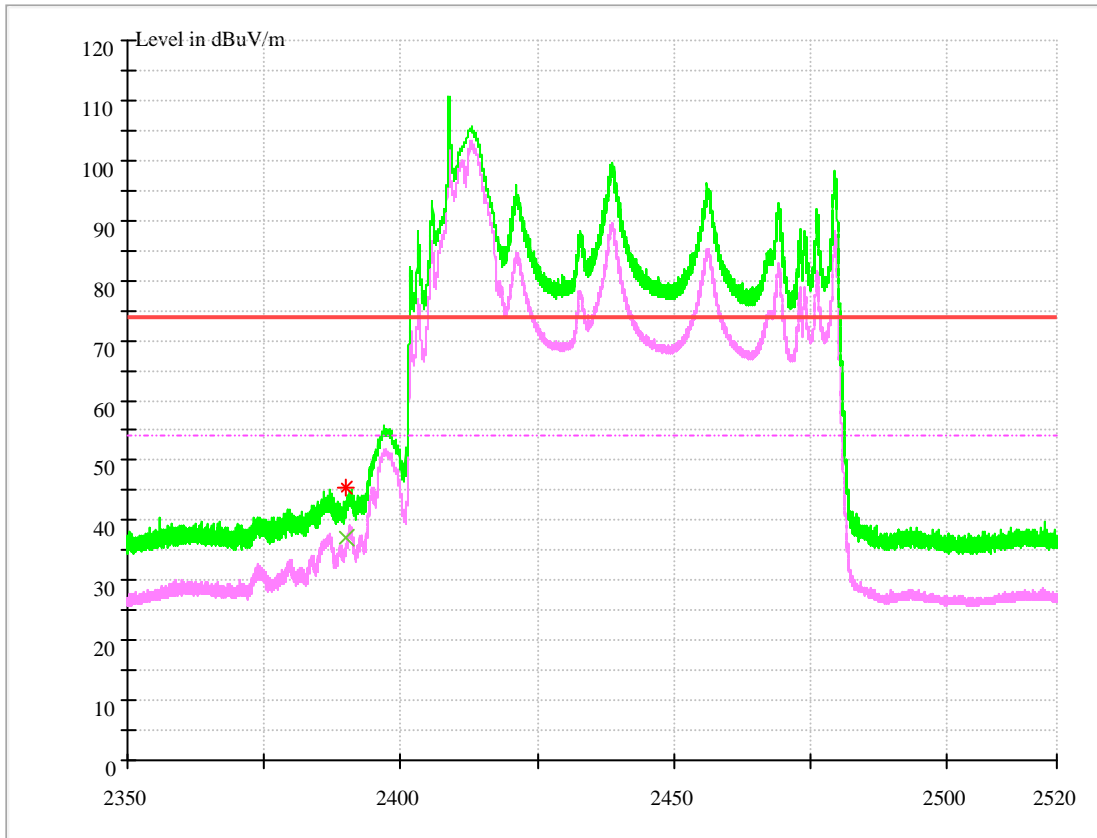
Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode:

#### 1.3.1Test Mode: 11B

##### 1.3.1.1 Channel 1





MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.0000	36.98	54.00	17.02	150.0	H	346.0	-8.5

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.0000	45.50	74.00	28.50	150.0	H	354.0	-8.5

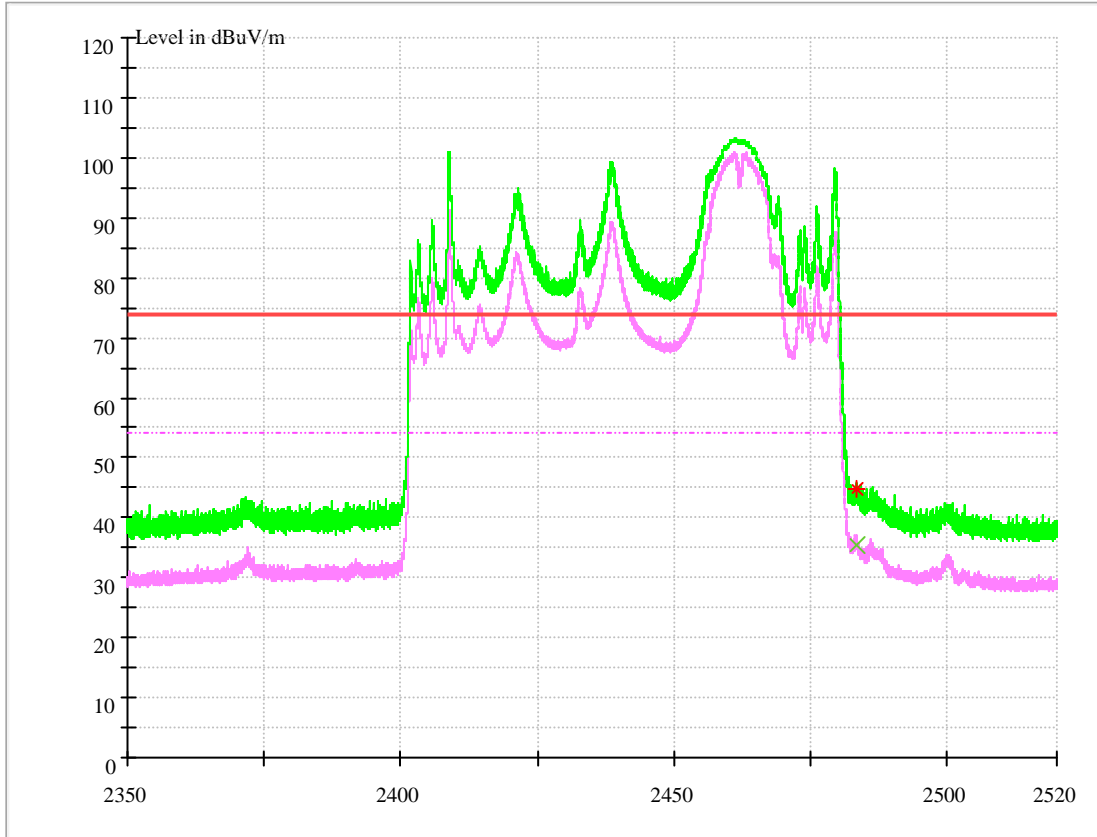
Note:

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

1.3.1.2 Channel 11



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.5000	35.40	54.00	18.60	150.0	H	254.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.5000	44.82	74.00	29.18	150.0	H	228.0	-6.8

Note:

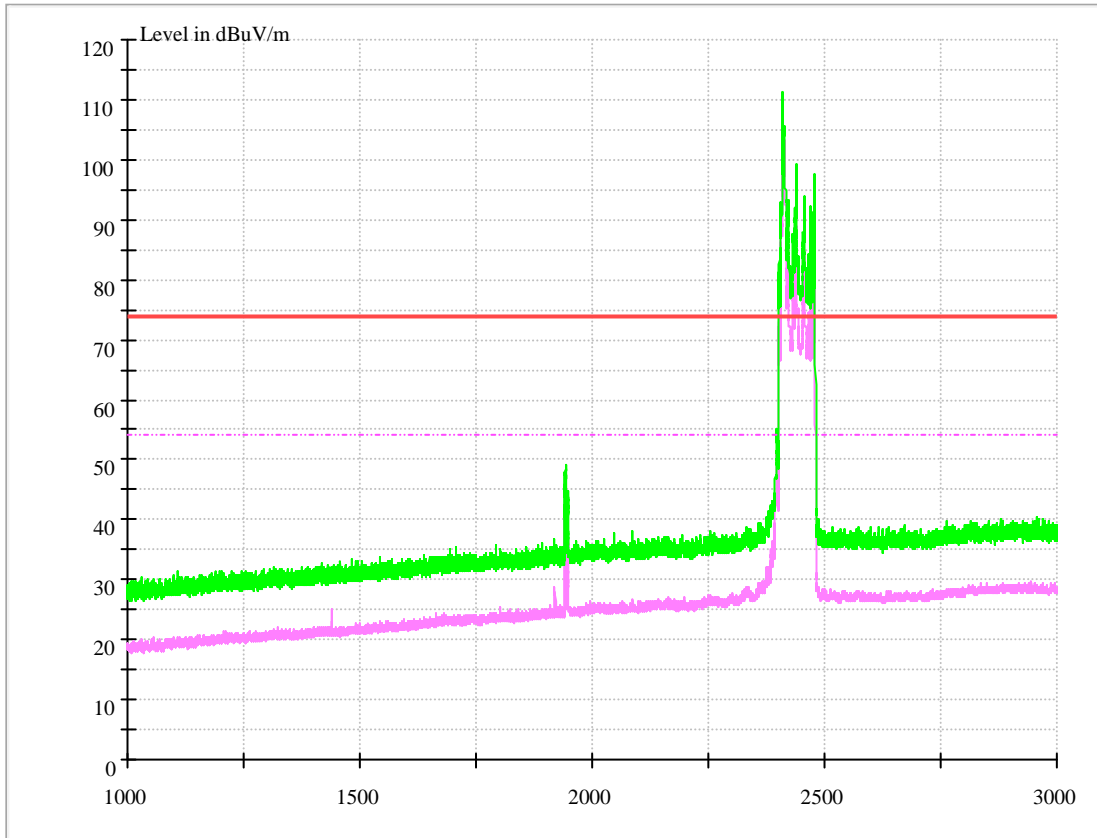
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

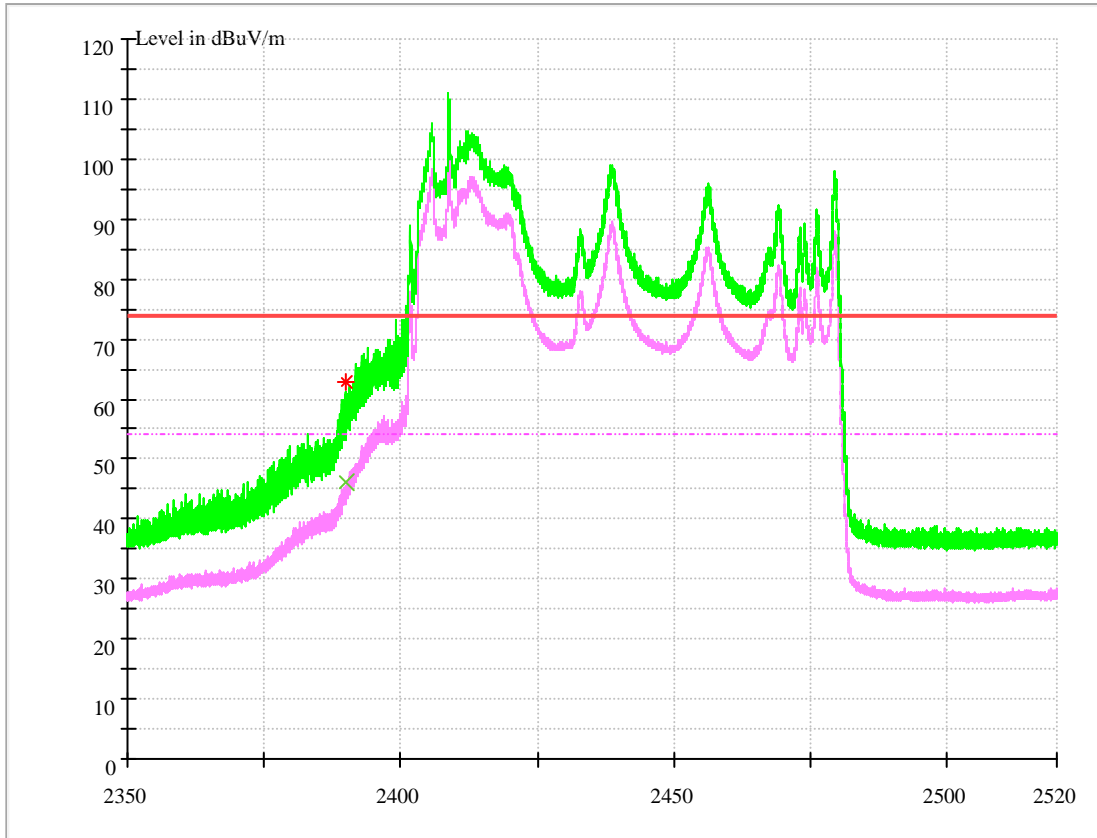
2, Margin=Limit - Level

### 1.3.2 Test Mode: 11G

#### 1.3.2.1 Channel 1







MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.0000	46.05	54.00	7.95	150.0	H	267.0	-8.5

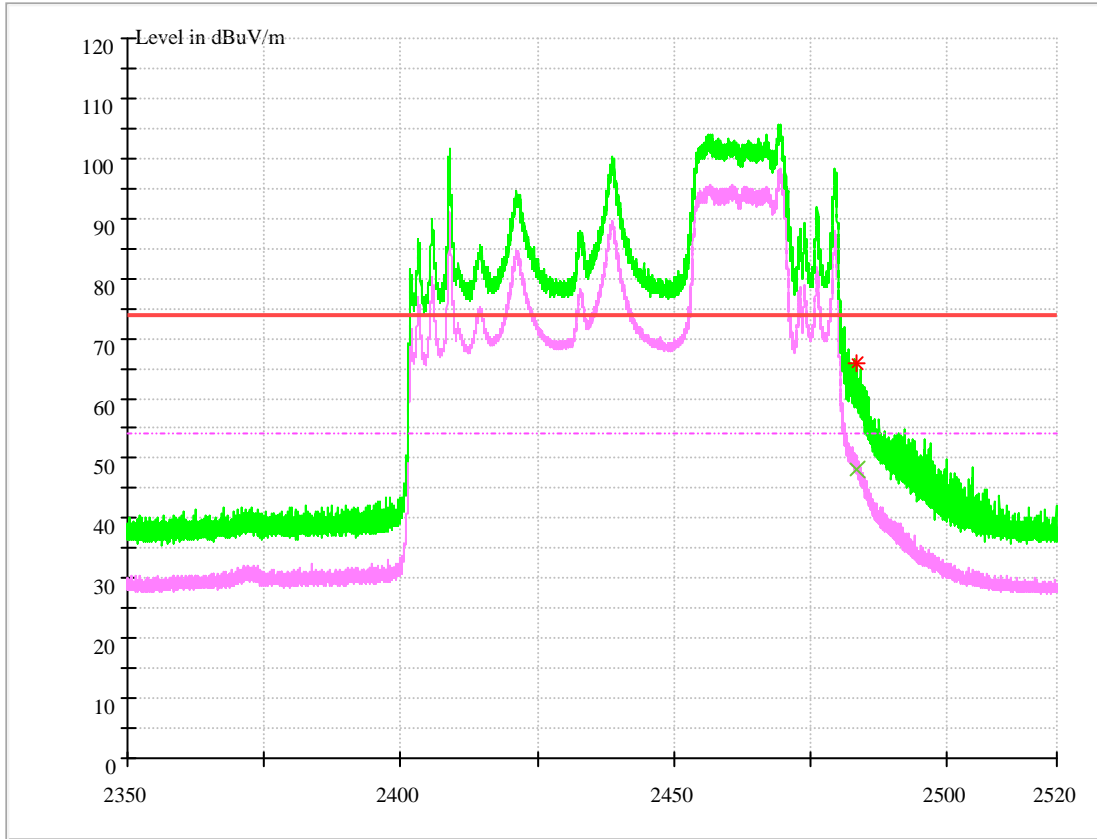
MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.0000	62.86	74.00	11.14	150.0	H	236.0	-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

1.3.2.2 Channel 11



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	48.01	54.00	5.99	150.0	H	252.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	65.72	74.00	8.28	150.0	H	231.0	-6.8

Note:

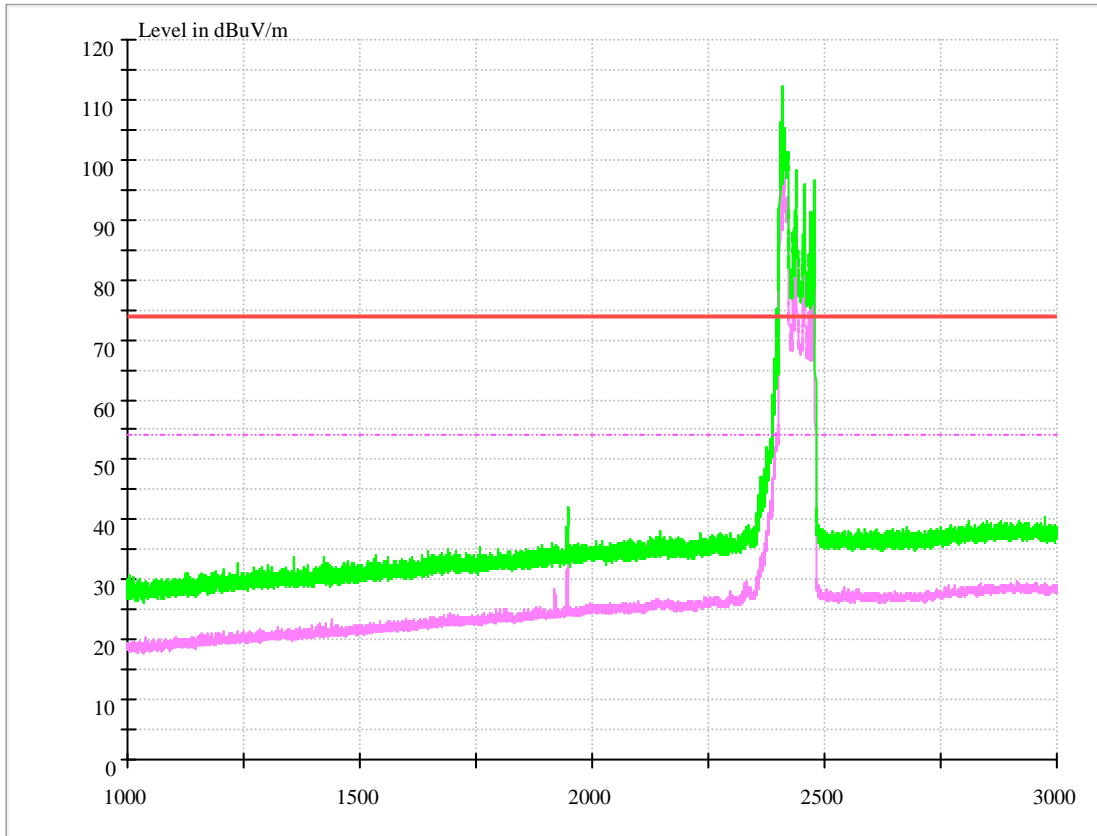
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

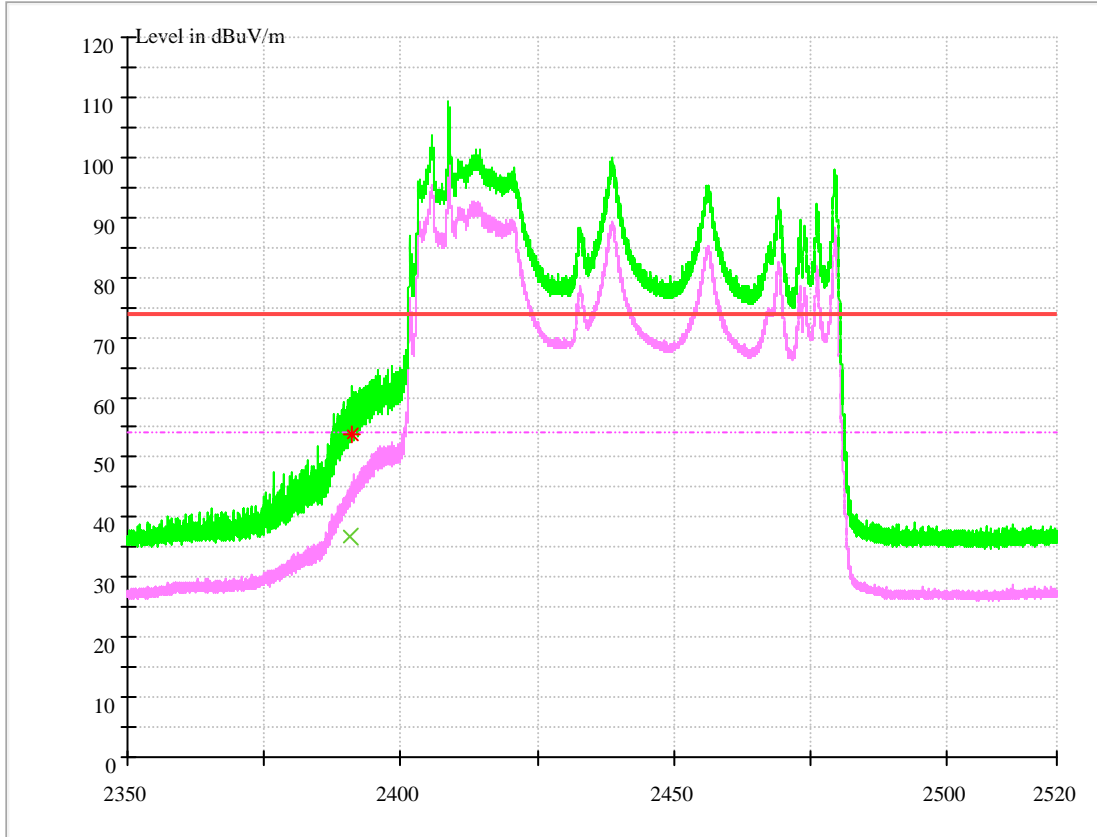
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

### 1.3.3 Test Mode: 11N20

#### 1.3.3.1 Channel 1





MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.000000	36.86	54.00	17.14	150.0	V	0.0	-8.5

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390.000000	53.86	74.00	20.14	150.0	V	269.0	-8.5

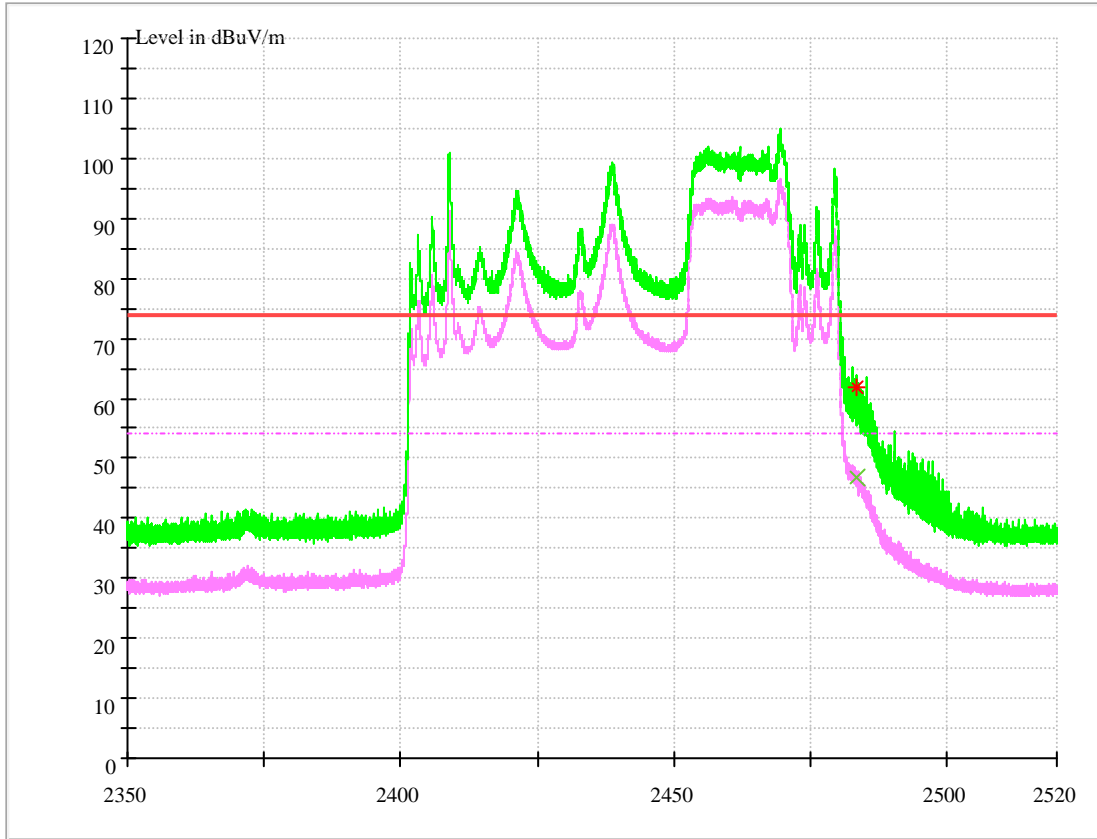
Note:

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

1.3.3.2 Channel 11



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	46.86	54.00	7.14	150.0	H	257.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	61.98	54.00	12.02	150.0	H	257.0	-6.8

Note:

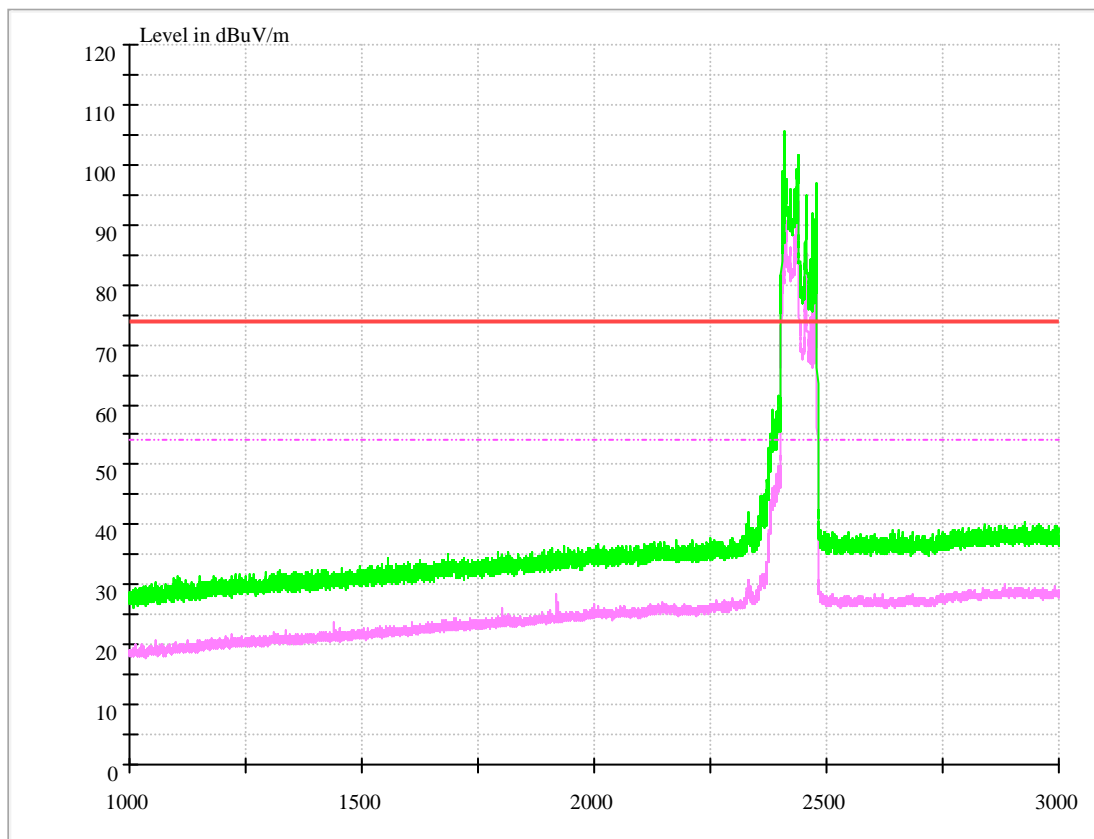
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

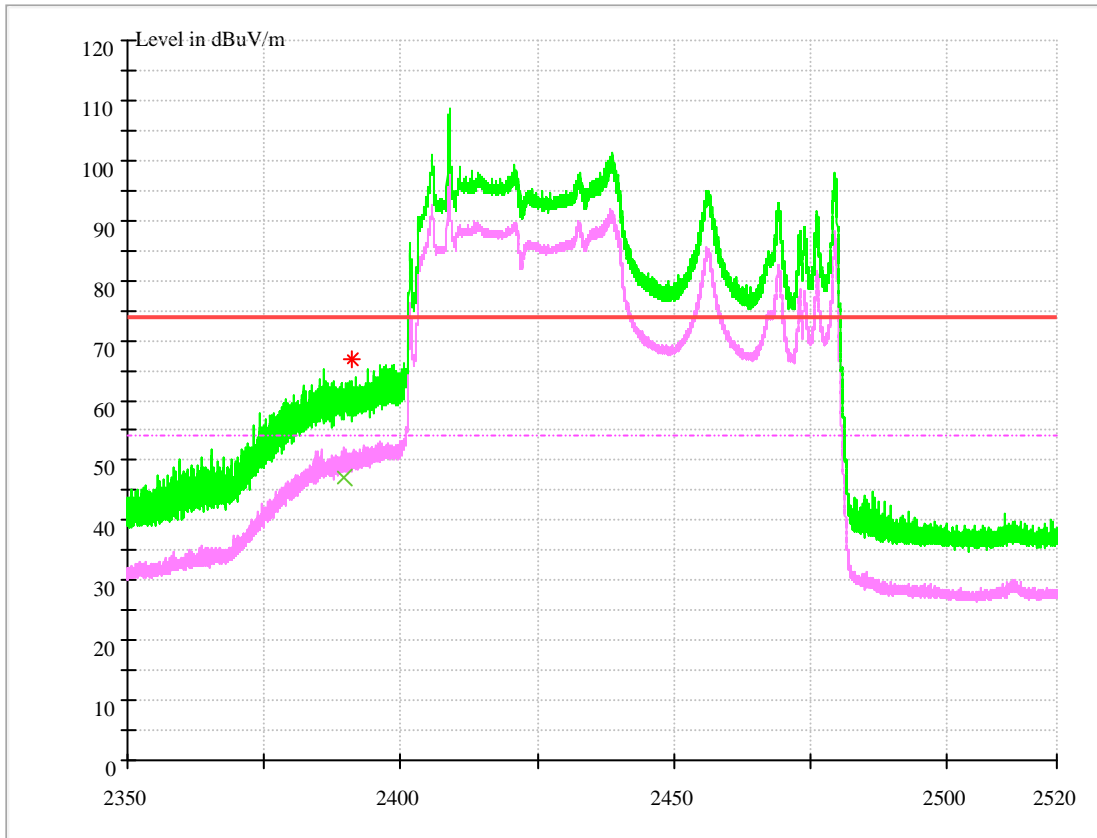
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit – Level

### 1.3.4 Test Mode: 11N40

#### 1.3.4.1 Channel 3





MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2389.3934	47.26	54.00	6.74	150.0	H	6.0	-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)
2390.0000	66.99	74.00	7.01	150.0	H	349.0	-8.5

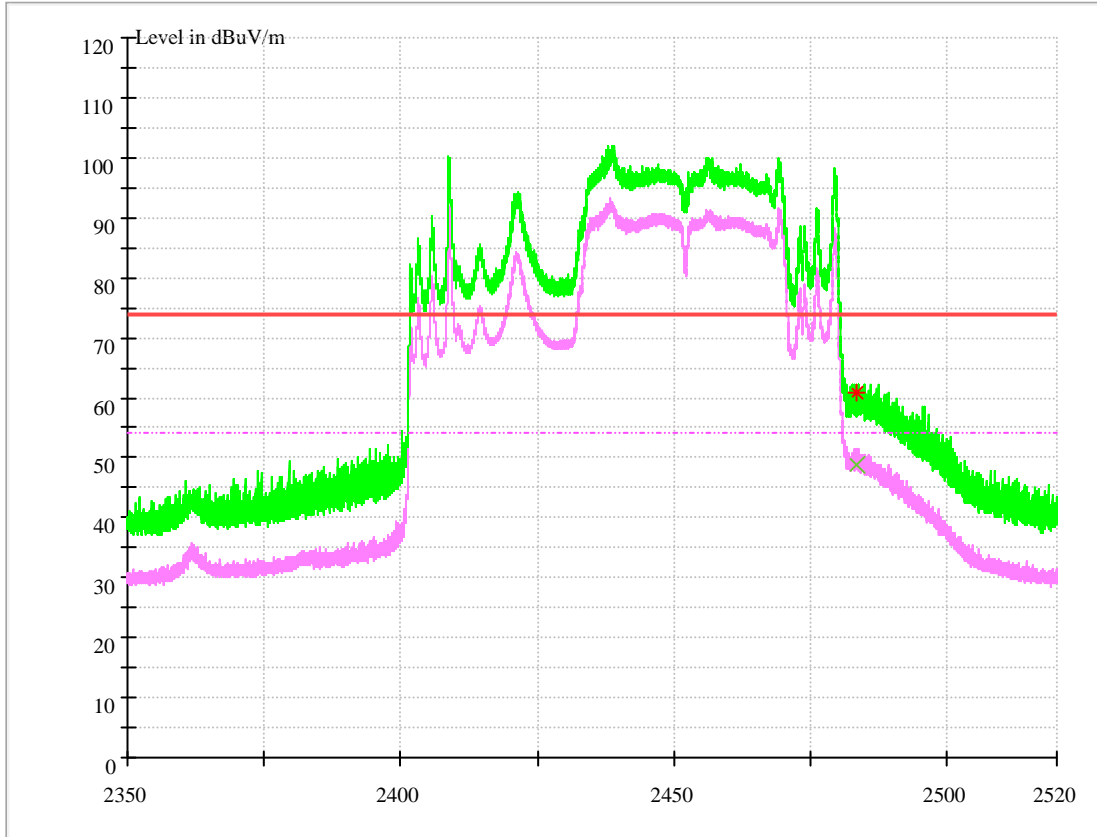
Note:

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

1.3.4.2 Channel 9



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	48.95	54.00	5.05	150.0	H	258.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.500000	60.78	74.00	13.22	150.0	H	258.0	-6.8

Note:

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

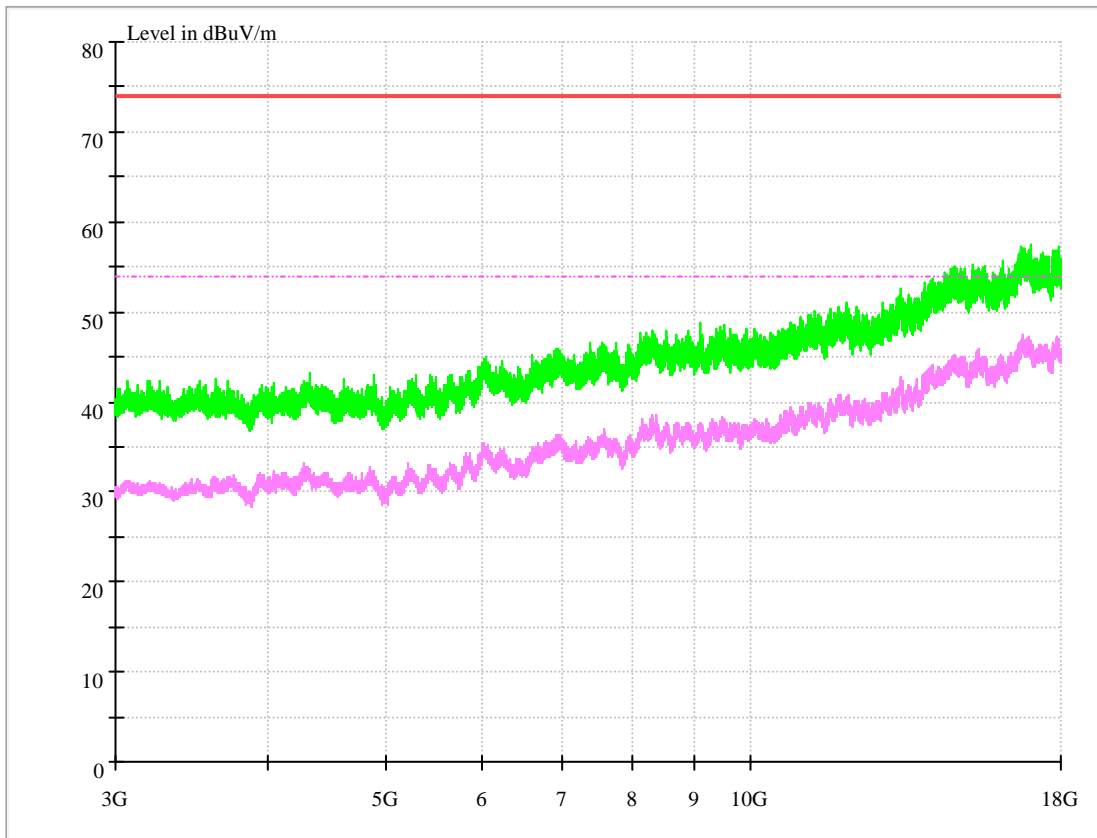
The reading level is calculated by software which is not shown in the sheet.

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 $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).



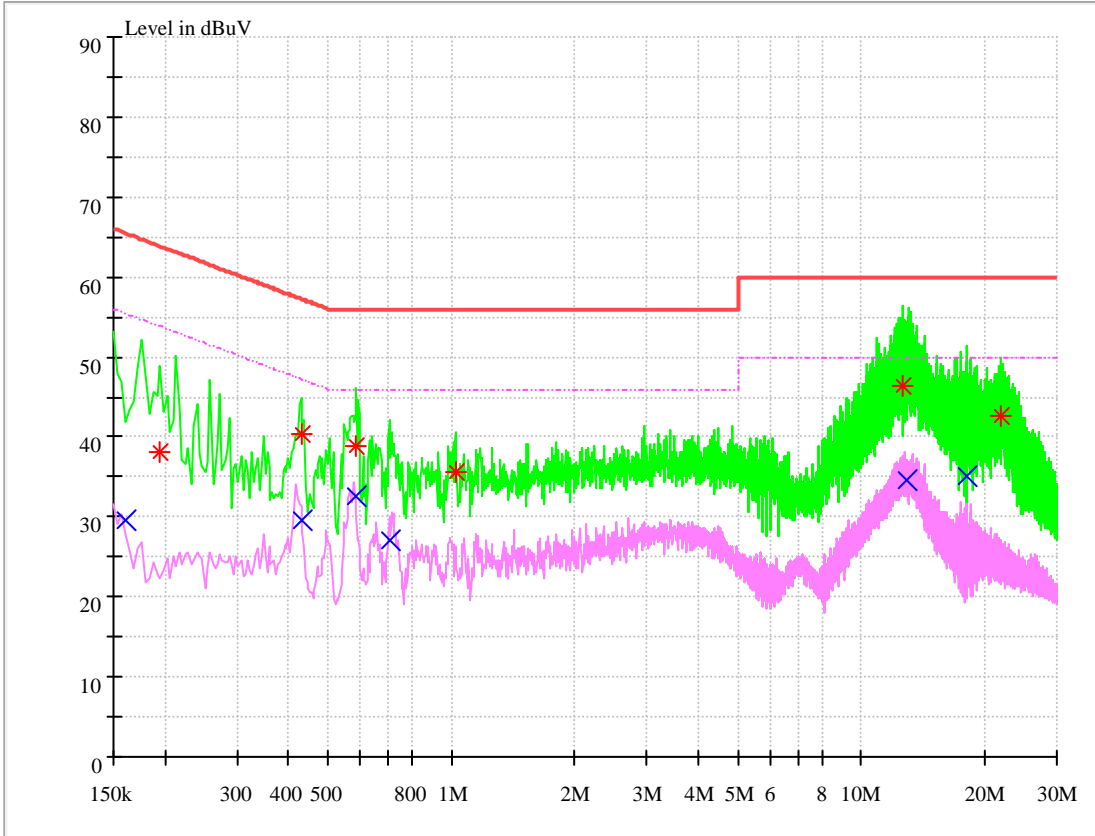


### 1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

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 (dBμ V)	Limit (dBμ V)	Transd. (dB)	Margin (dB)	Line	PE
0.159865	29.54	55.47	9.7	25.93	N	FLO
0.432602	29.55	47.20	9.7	17.65	N	FLO
0.582949	32.59	46.00	9.7	13.41	N	FLO
0.704824	27.11	46.00	9.7	18.89	N	FLO
12.846368	34.57	50.00	10.0	15.43	N	FLO
18.005091	35.19	50.00	10.1	14.81	N	FLO

**MEASUREMENT RESULT: PK Detector**

Frequency (MHz)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Transd. (dB)	Margin (dB)	Line	PE
0.193604	38.20	63.88	9.7	25.68	N	FLO
0.430532	40.45	57.24	9.7	16.79	N	FLO
0.585744	38.79	56.00	9.7	17.21	L1	FLO
1.022653	35.50	56.00	9.7	20.50	N	FLO
12.686191	46.30	60.00	10.0	13.70	L1	FLO
10.0	42.54	60.00	10.2	17.46	N	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

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END