



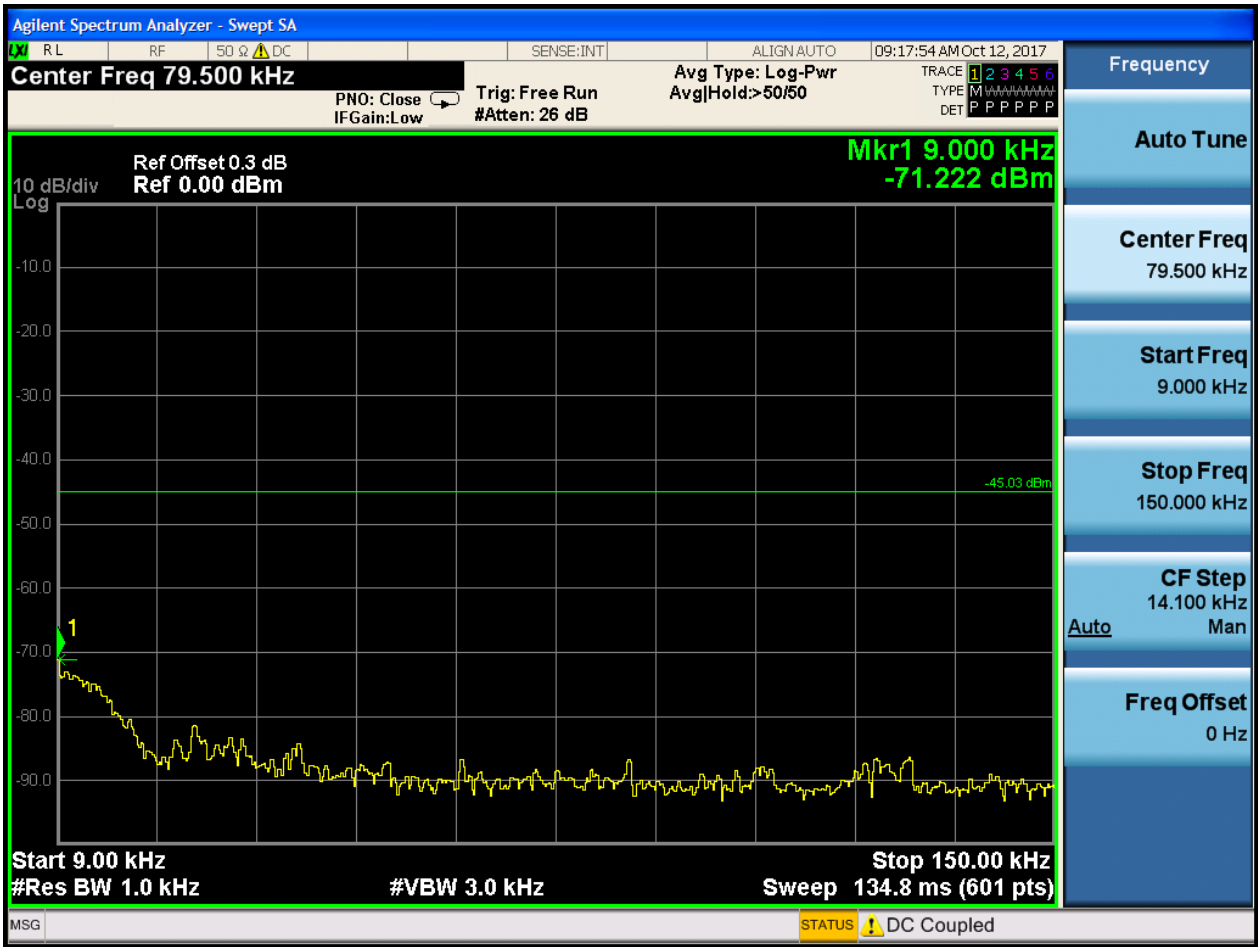
### 2.7 11N20\_L@Ant 1

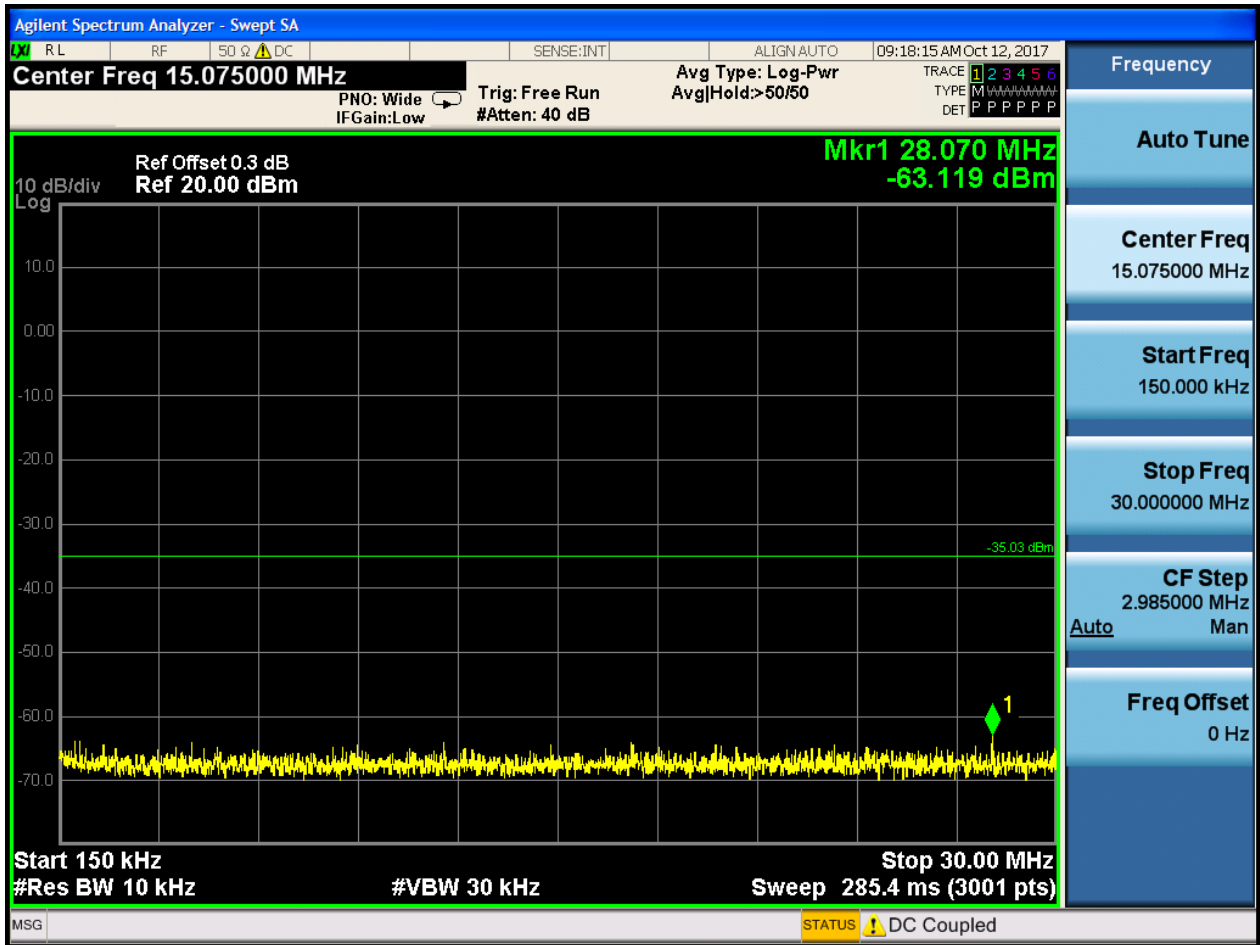
Pref:

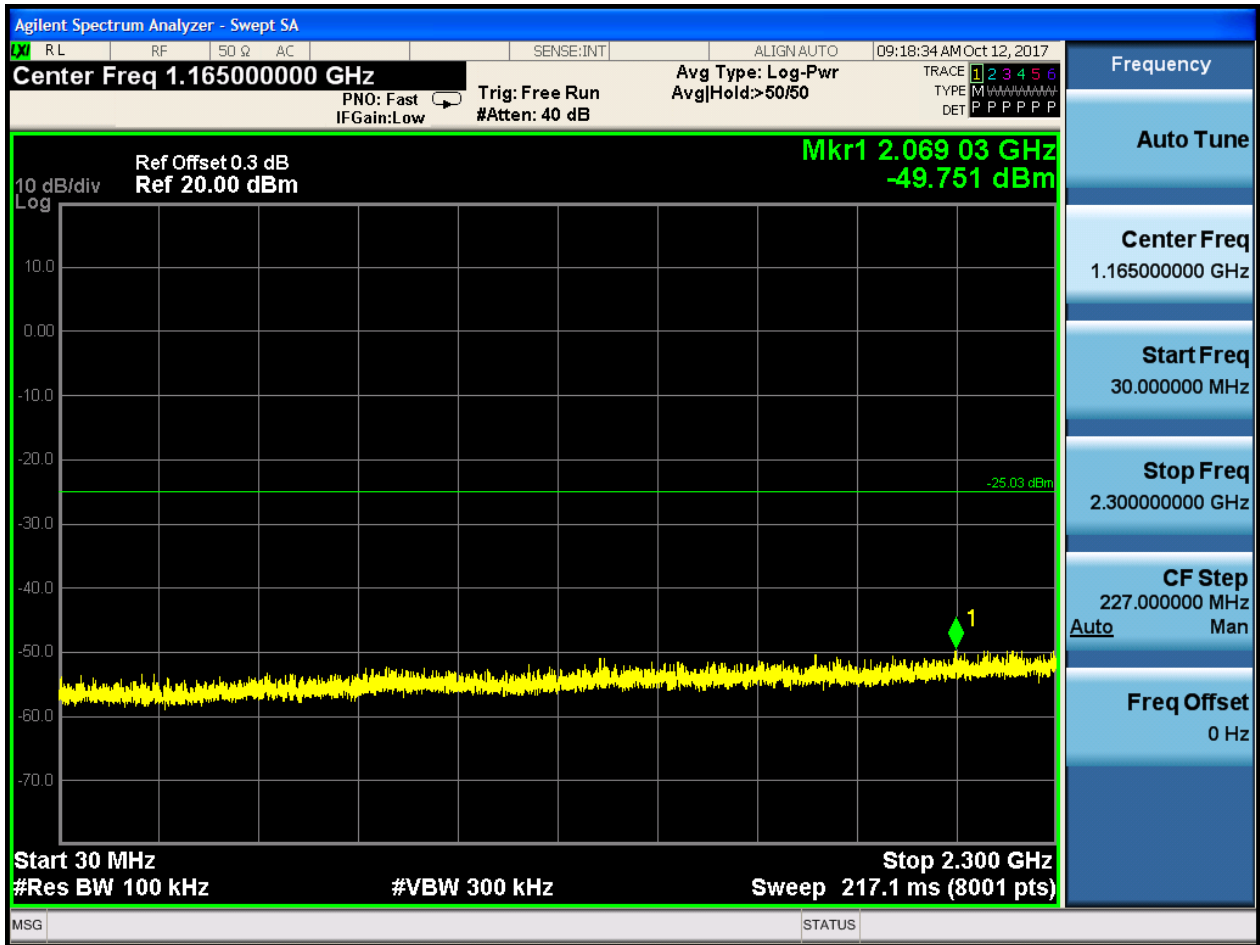




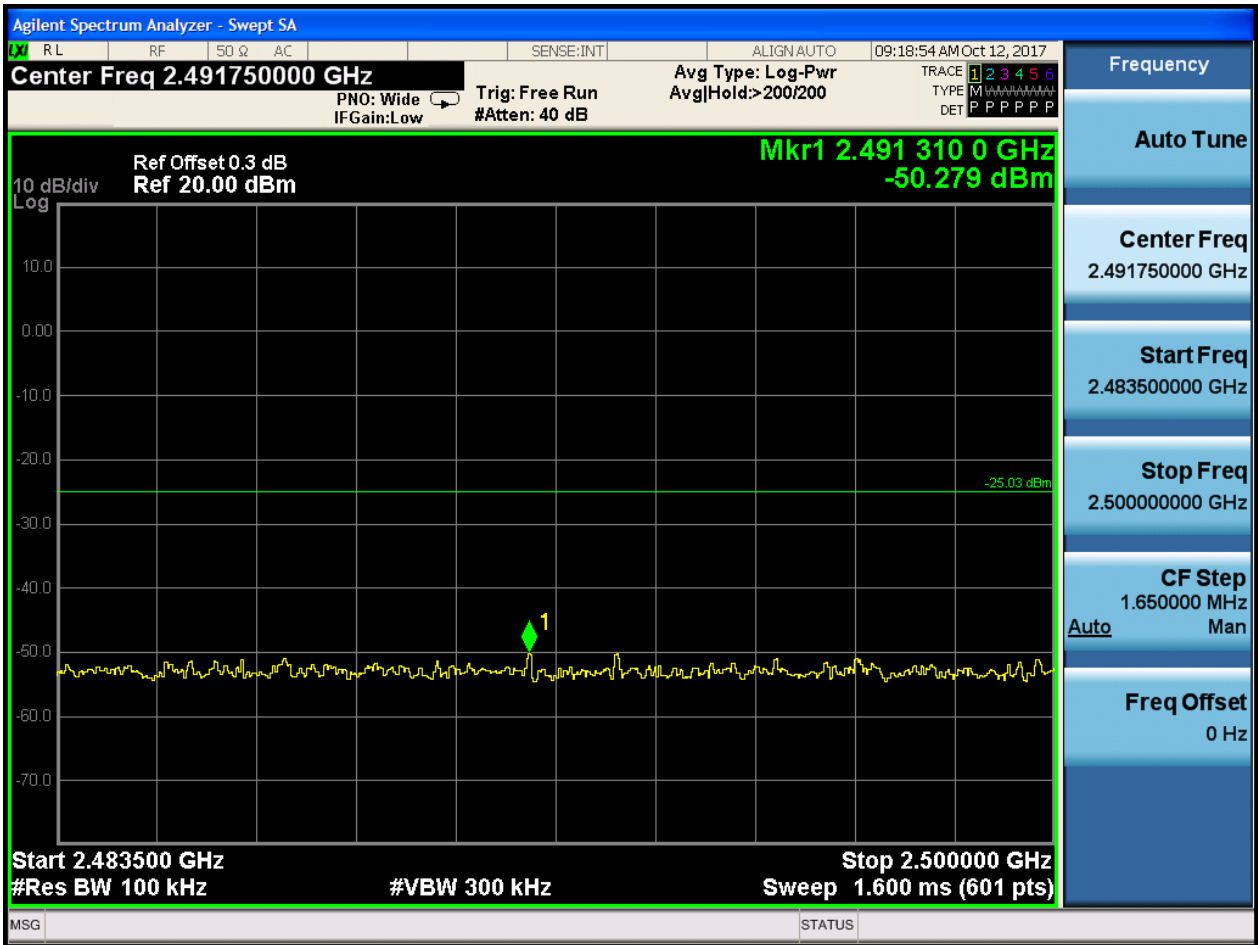
Puw:















### 2.8 11N20\_M@Ant 1

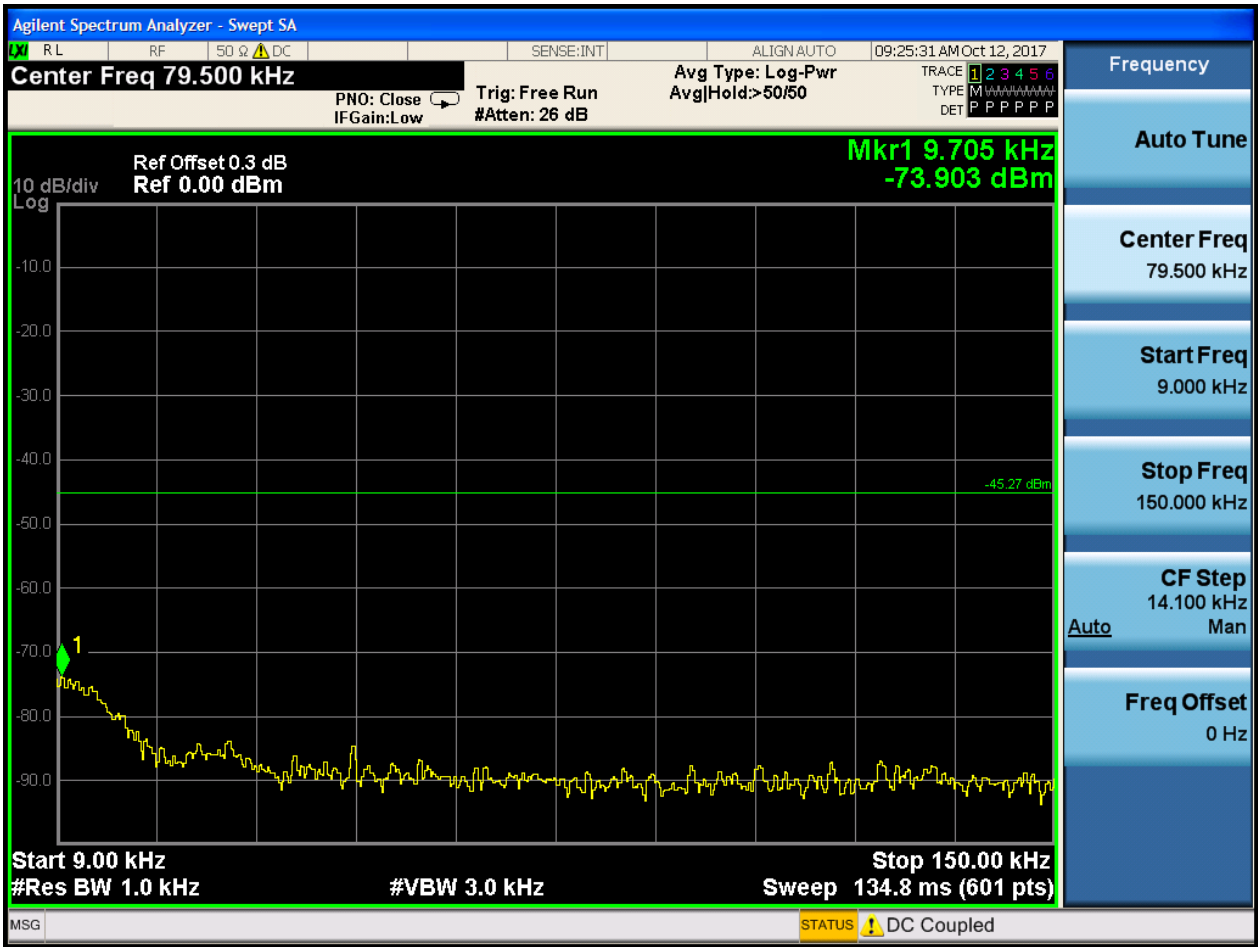
Pref:

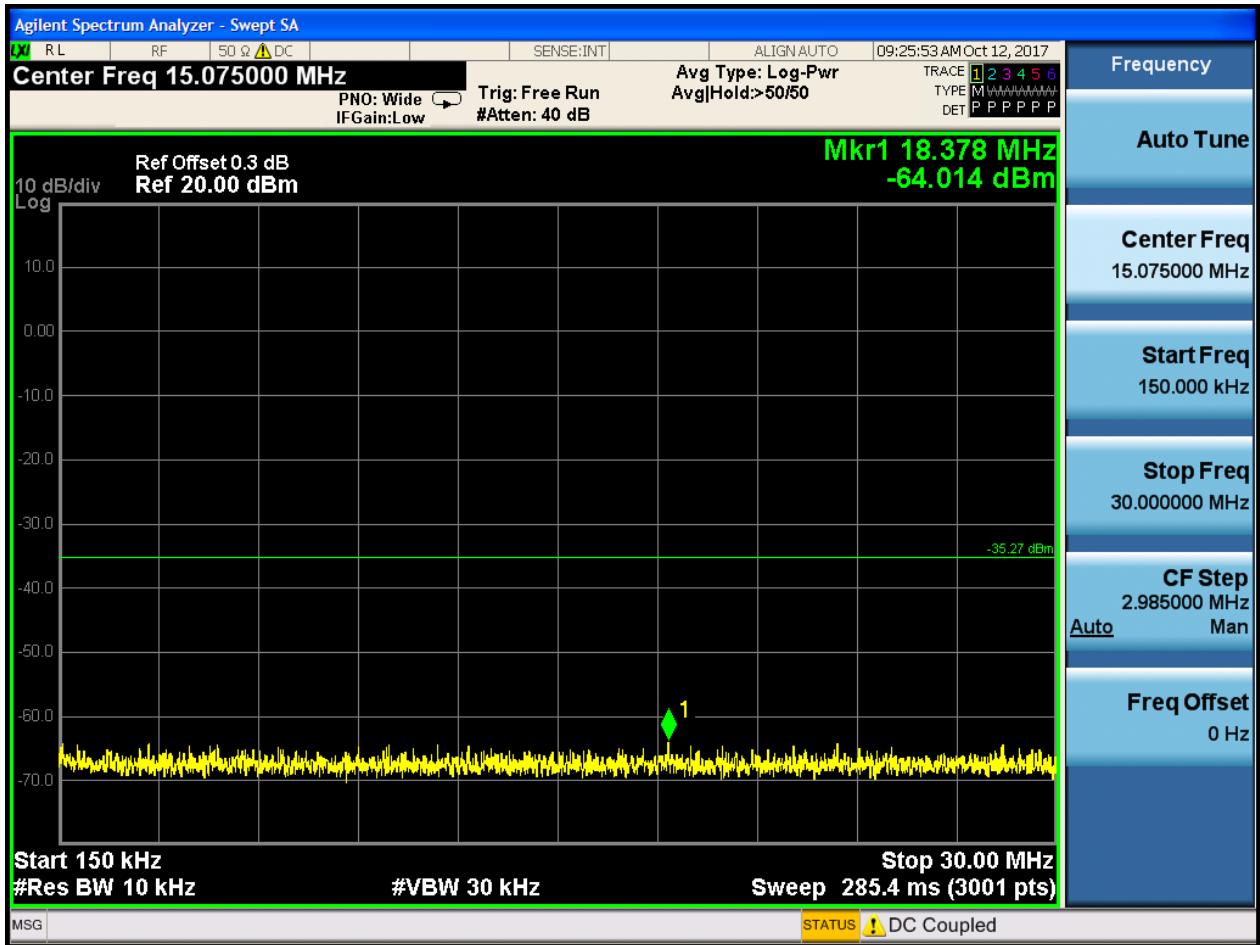


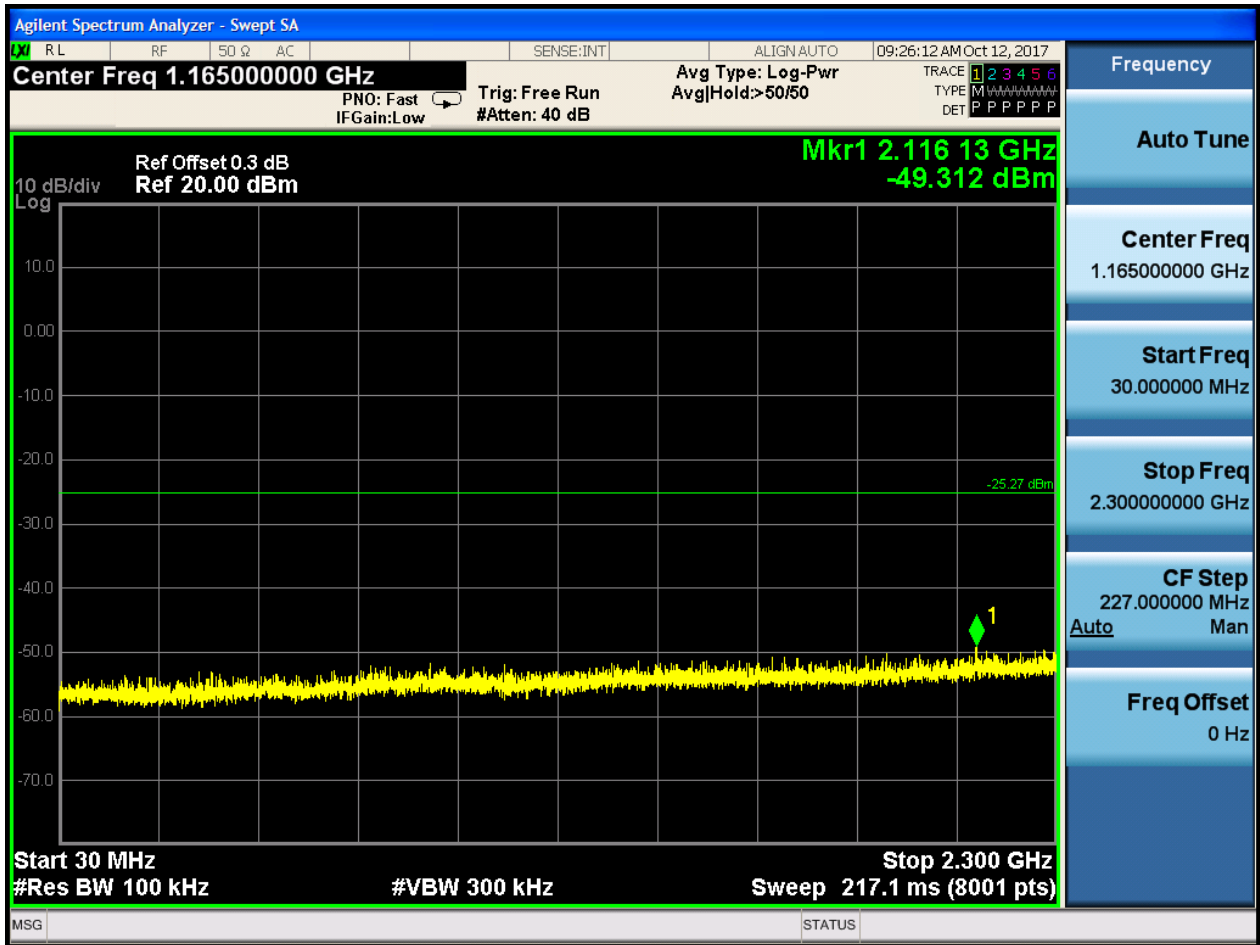


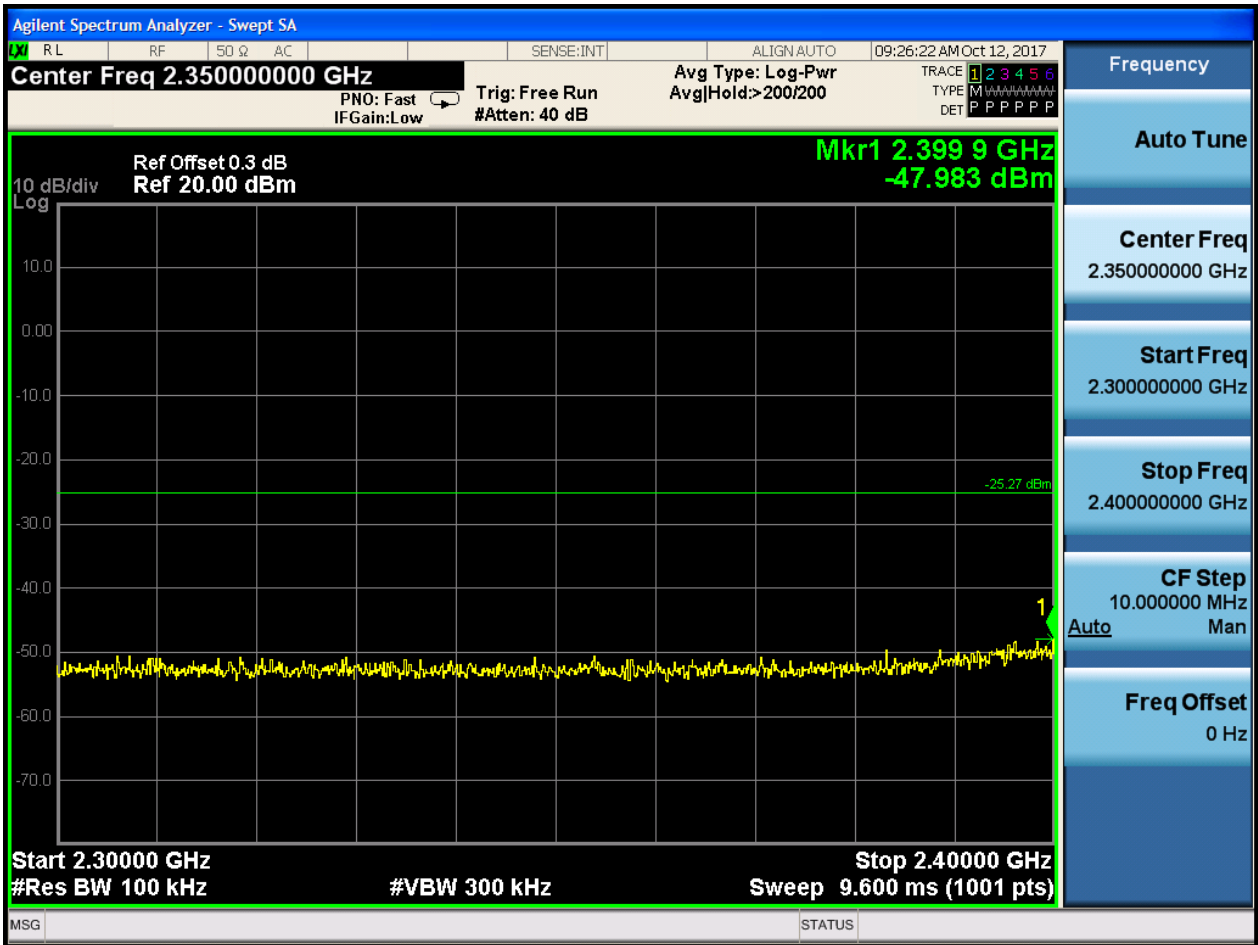


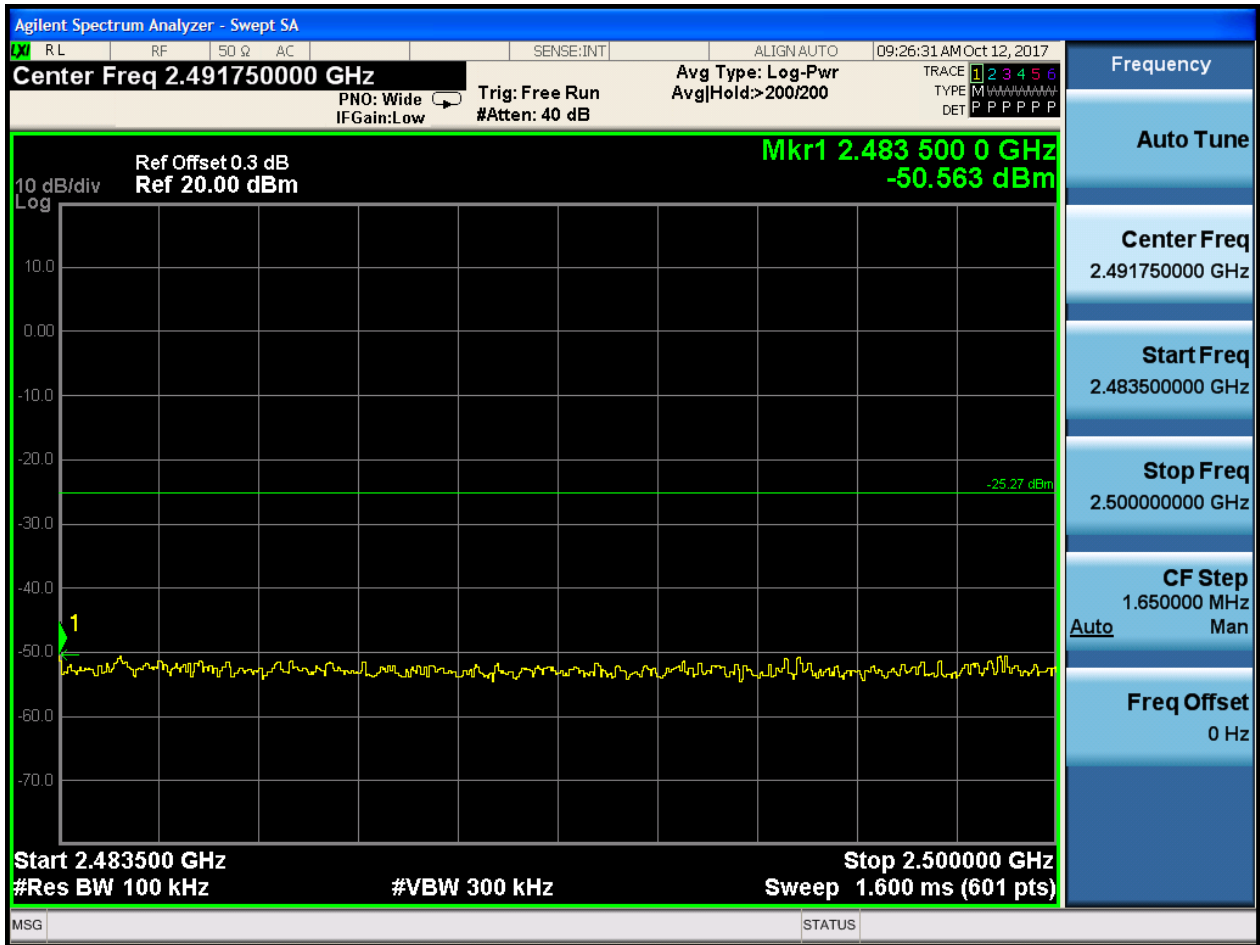
Puw:















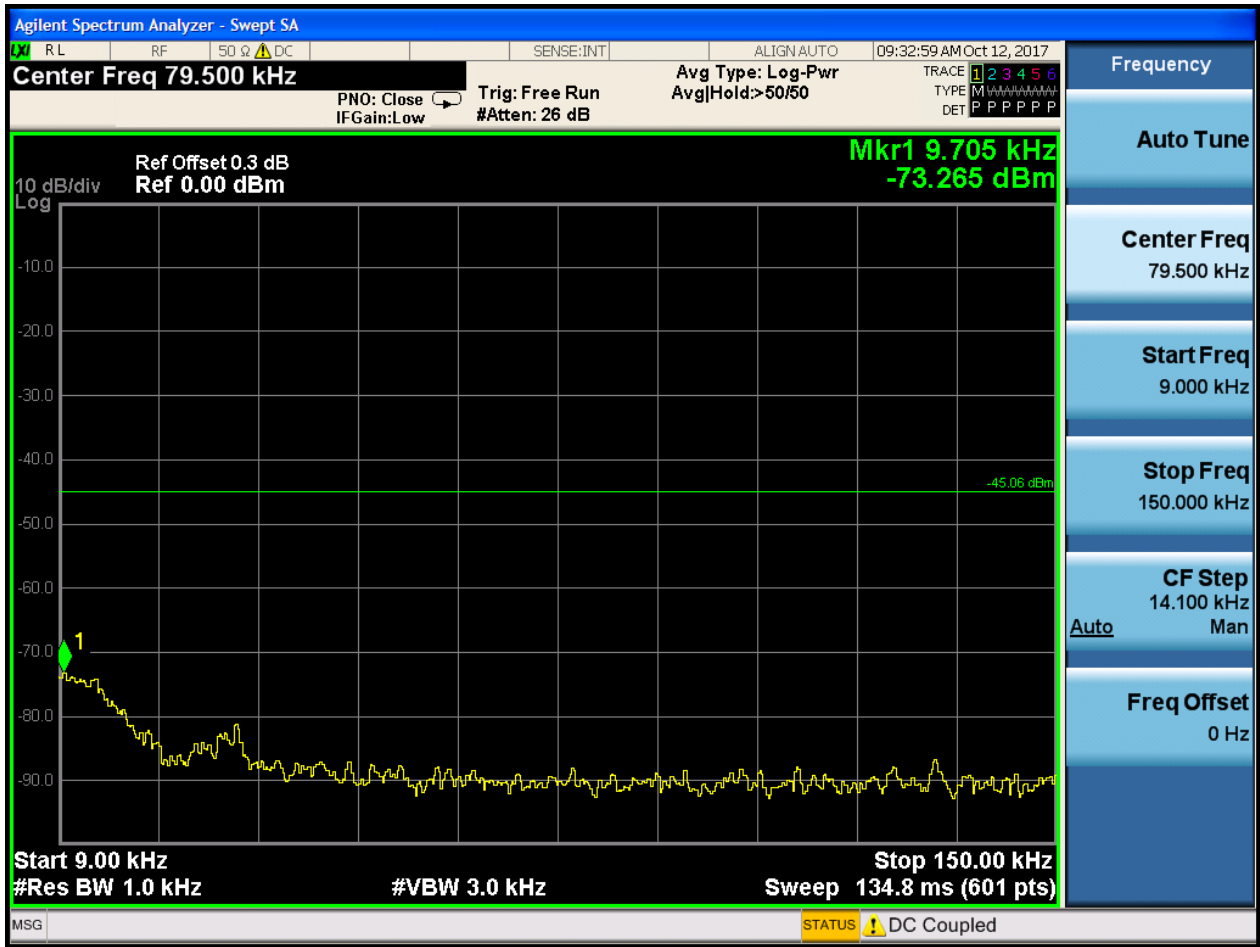
### 2.9 11N20\_H@Ant 1

Pref:

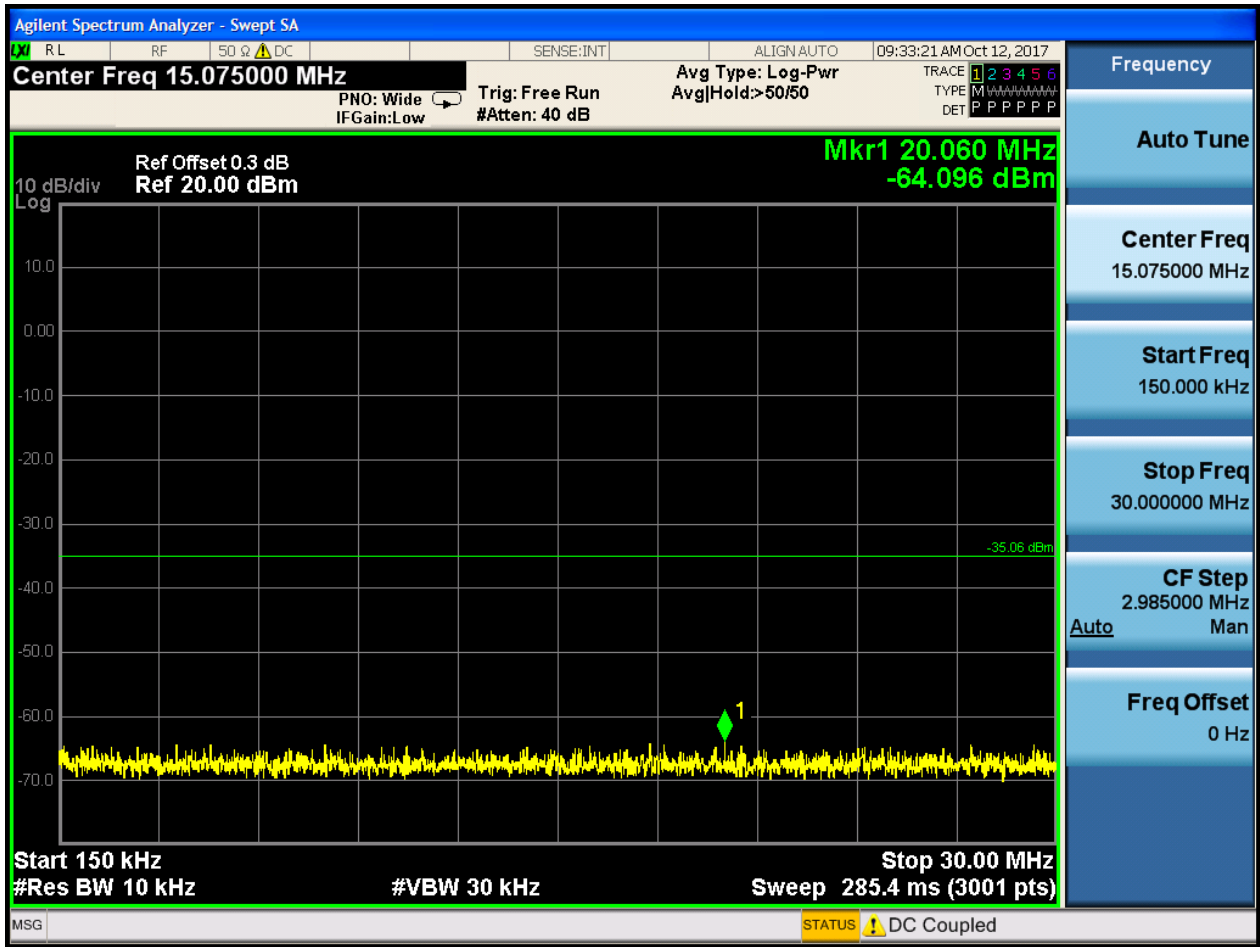


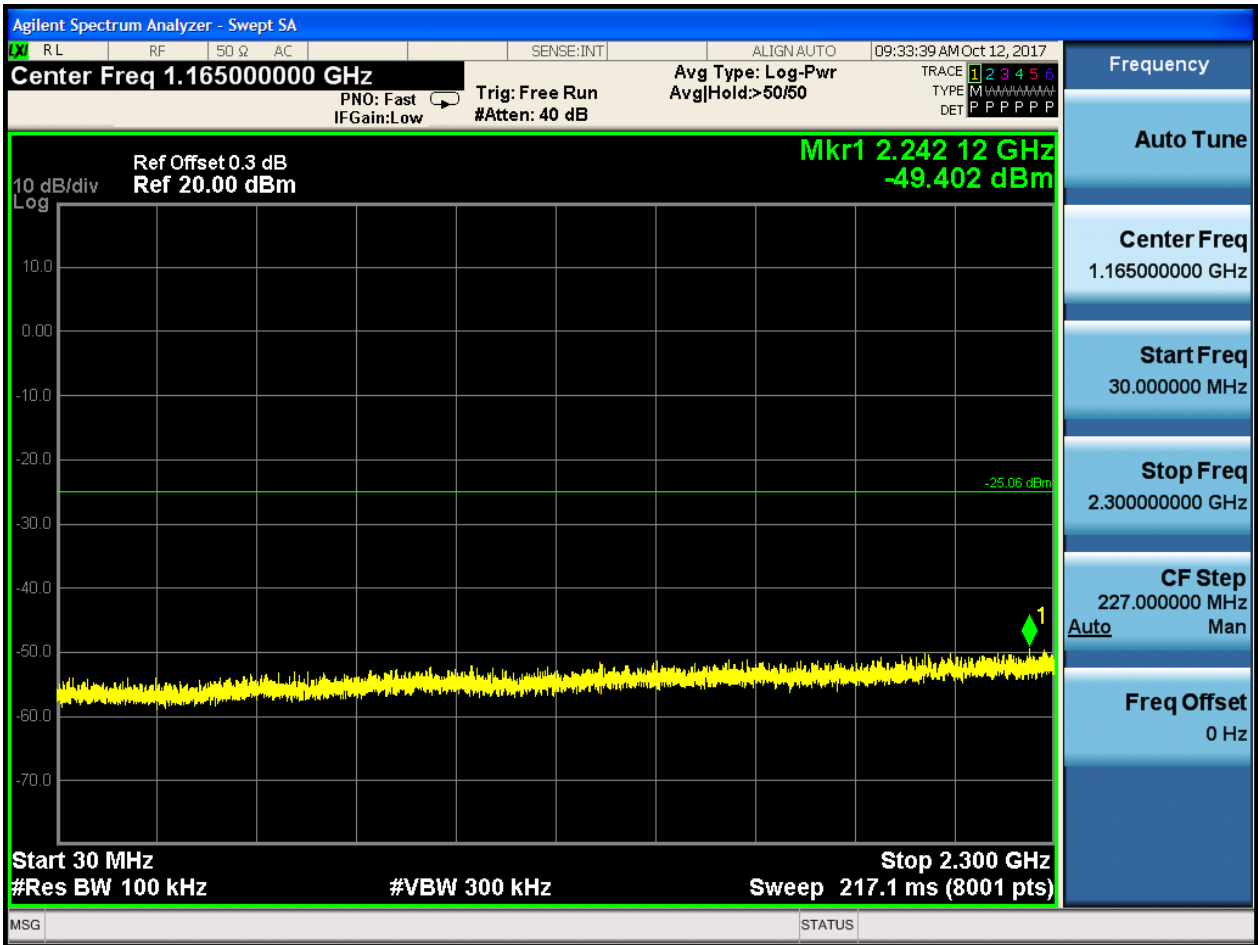


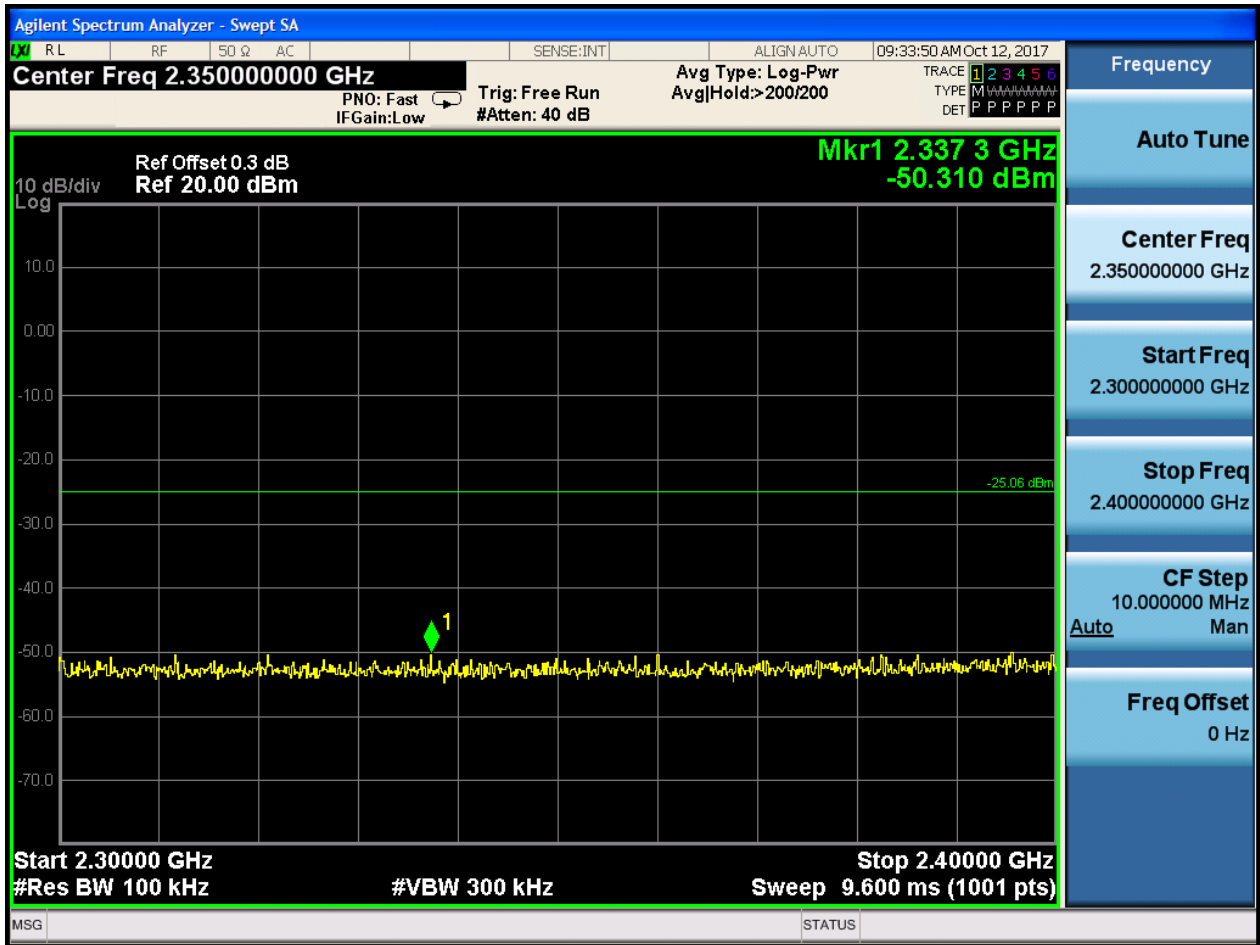
Puw:

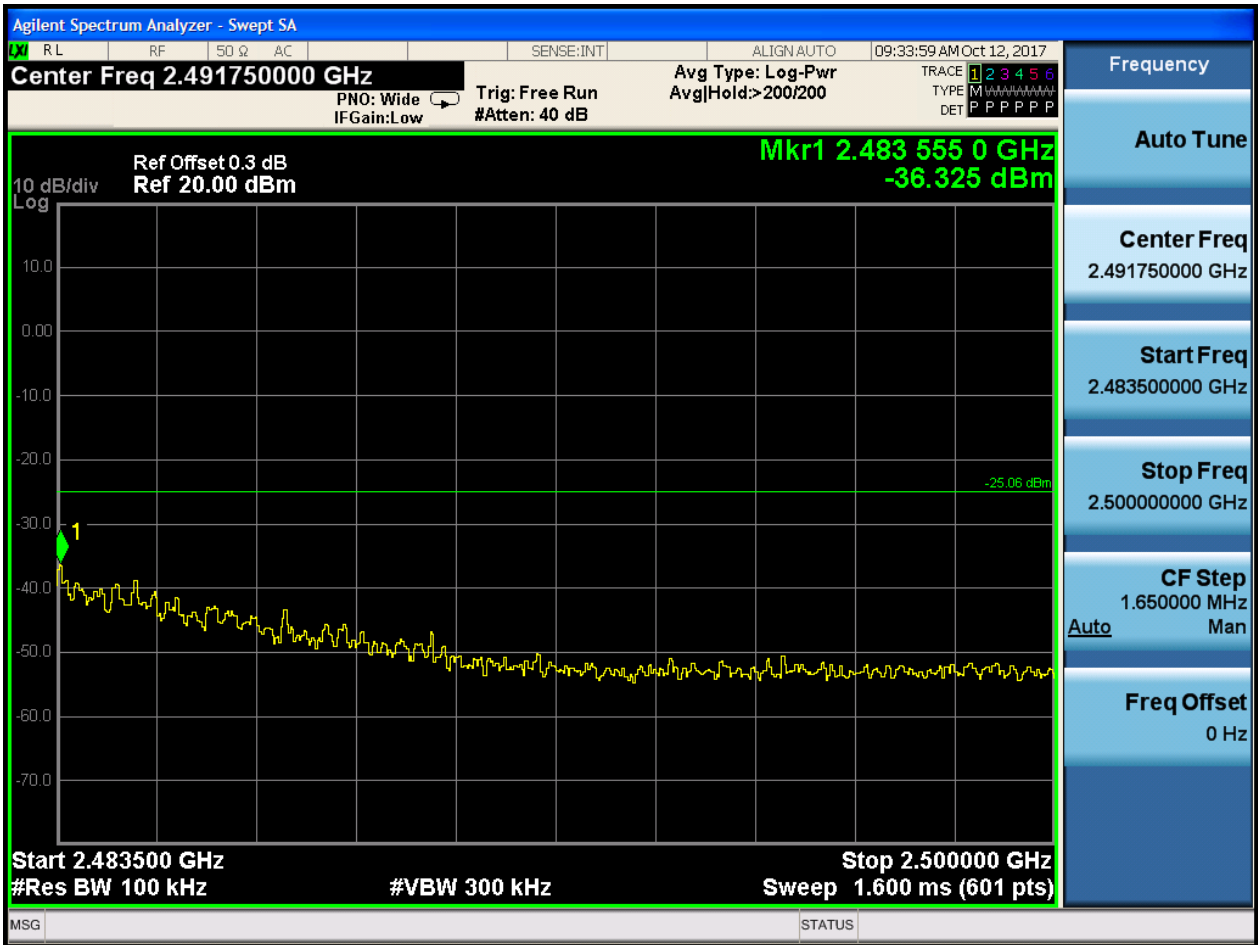


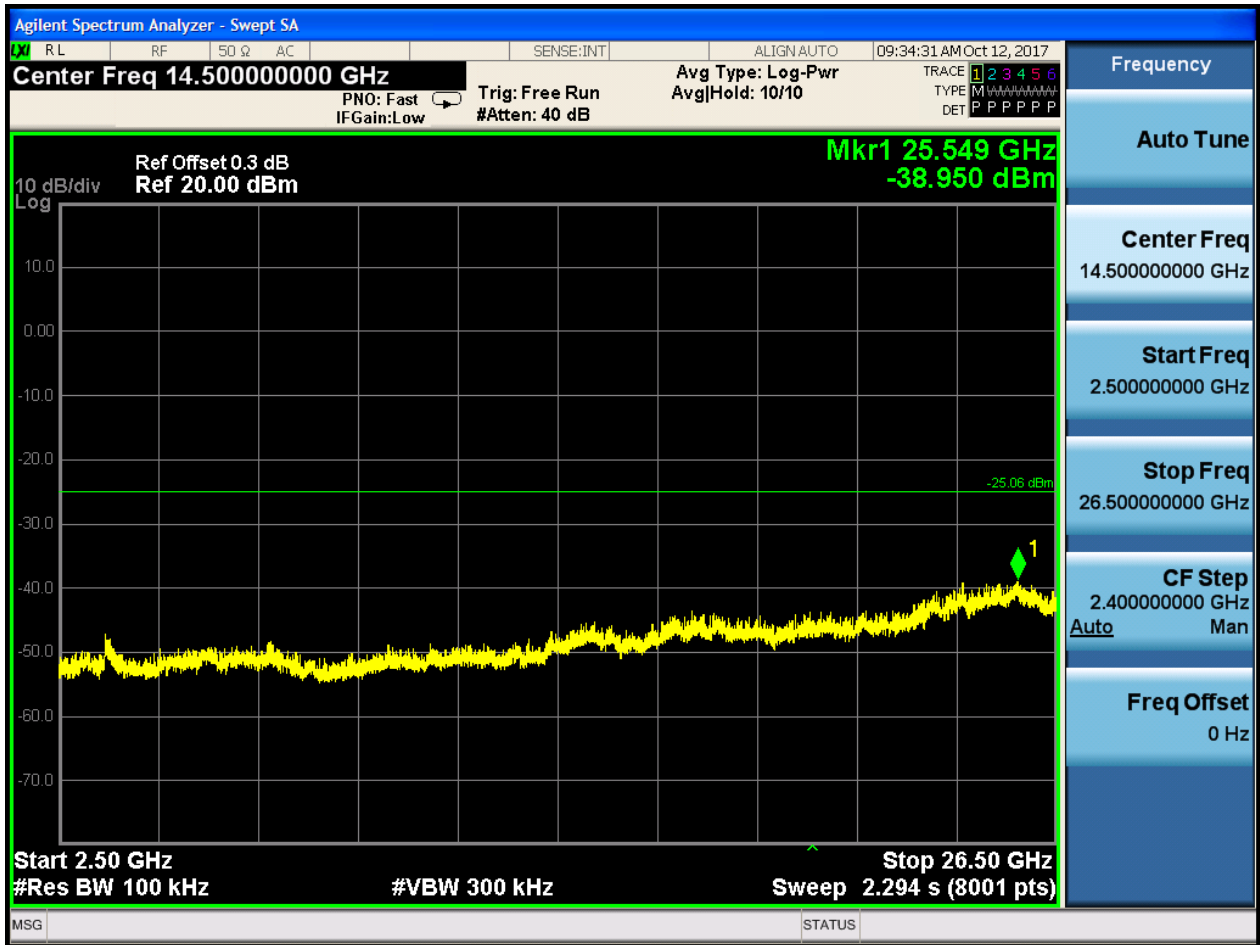








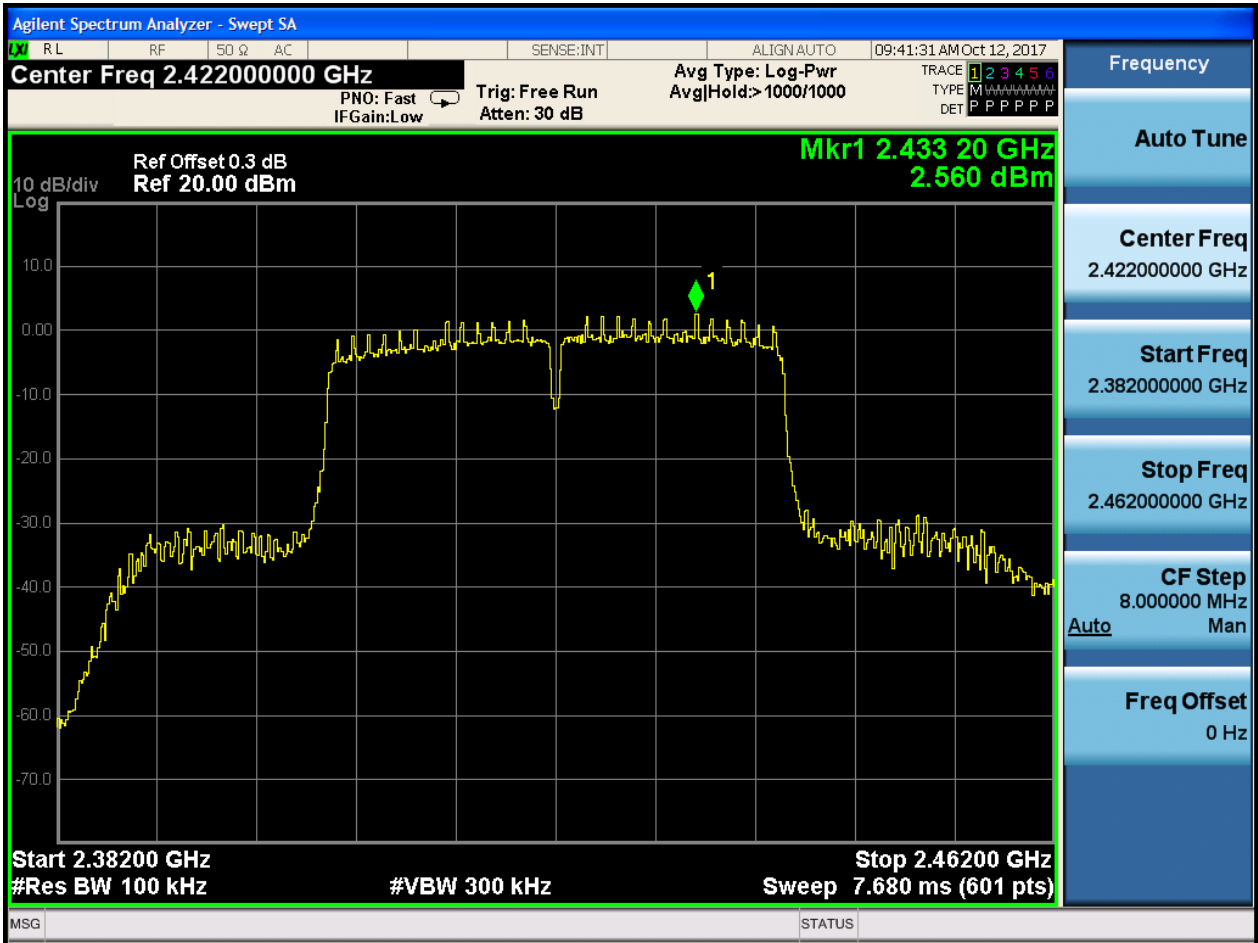






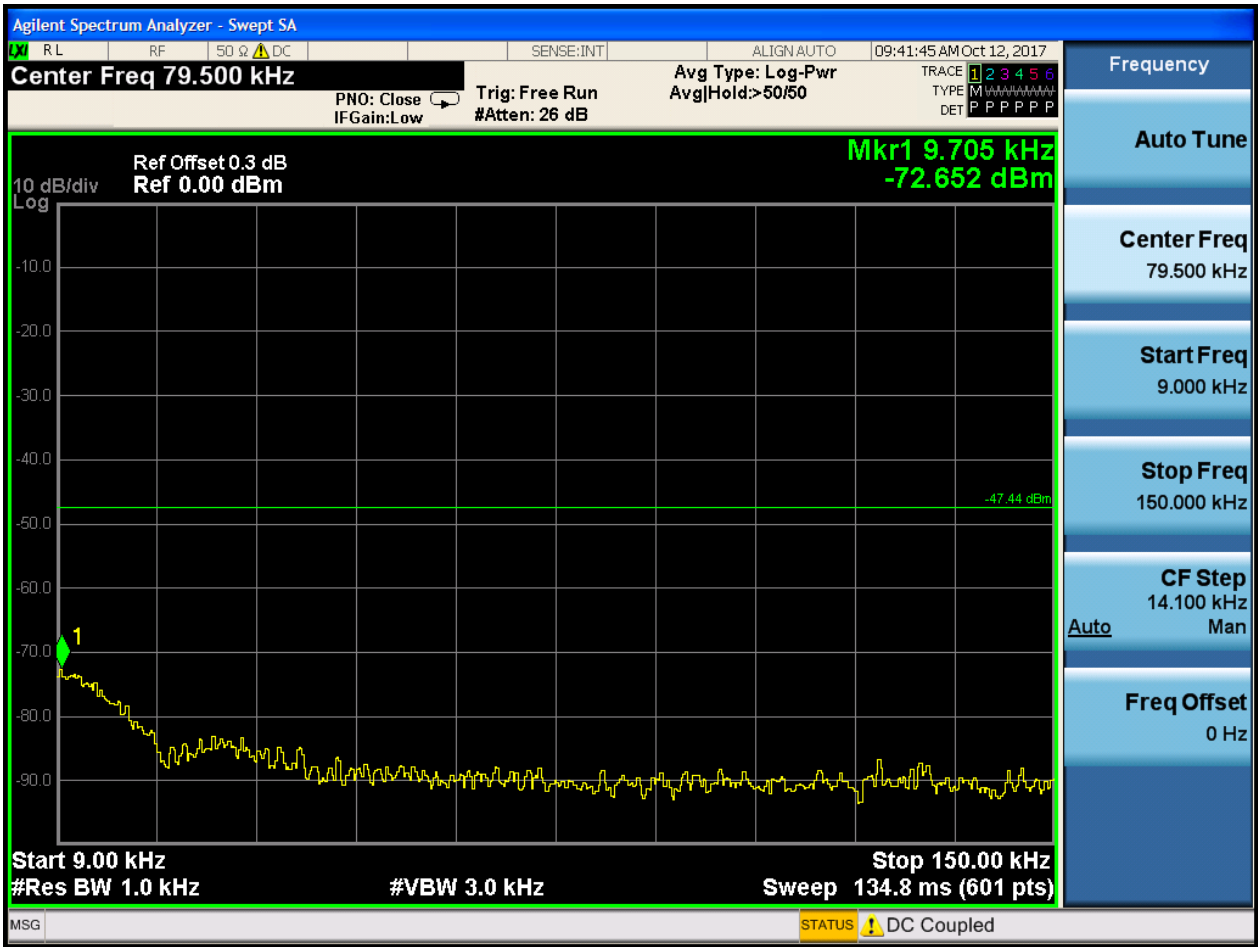
### 2.10 11N40\_L@Ant 1

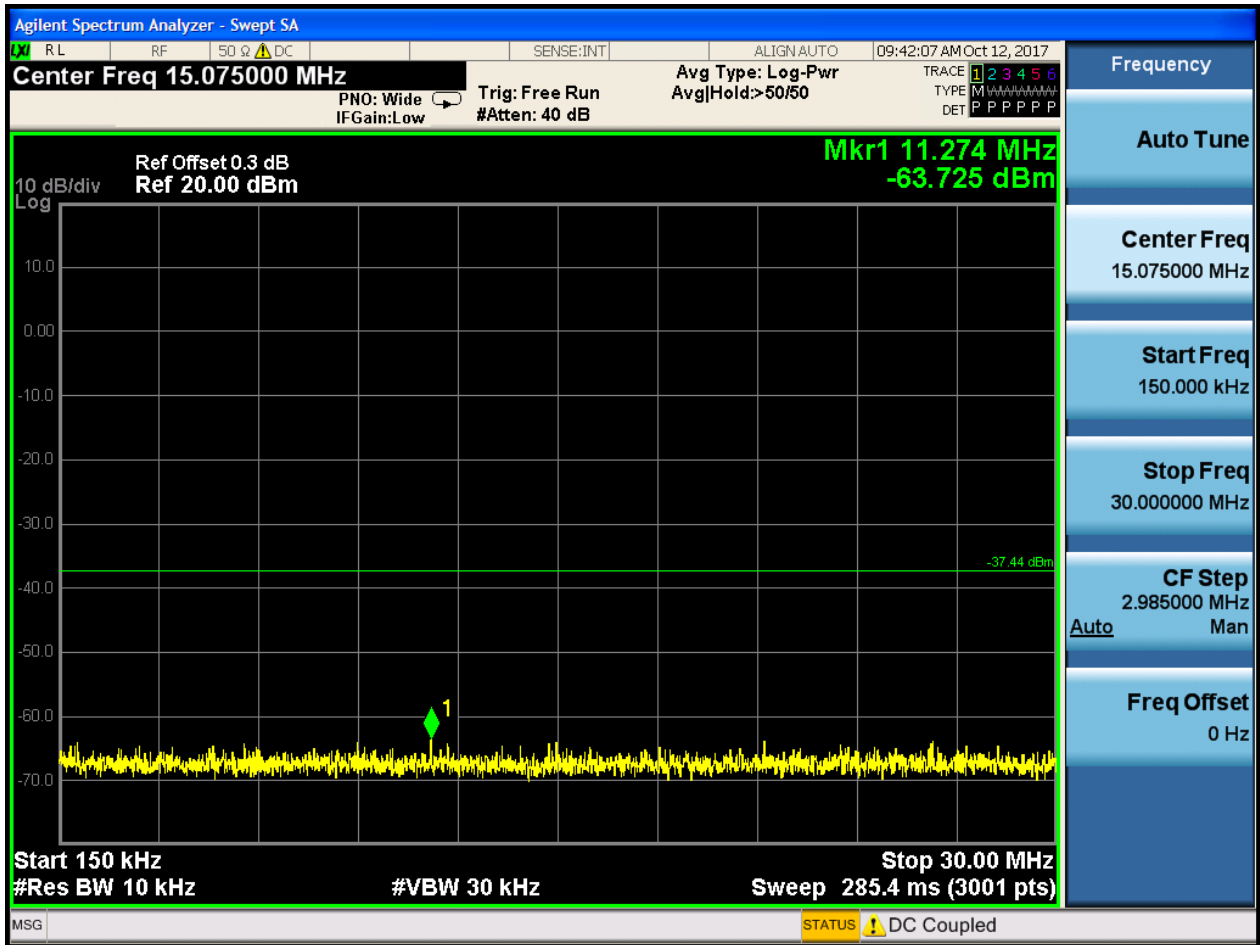
Pref:



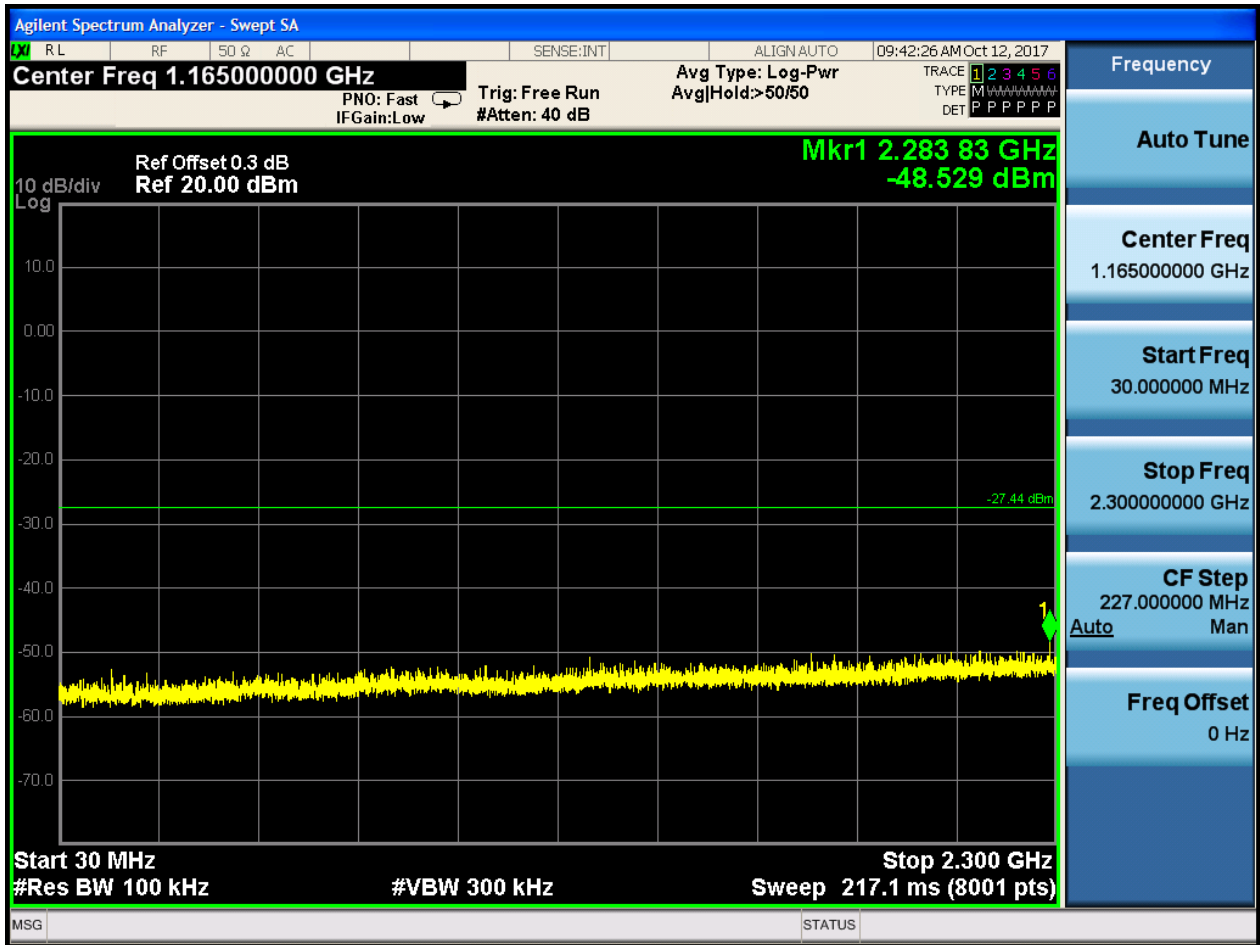


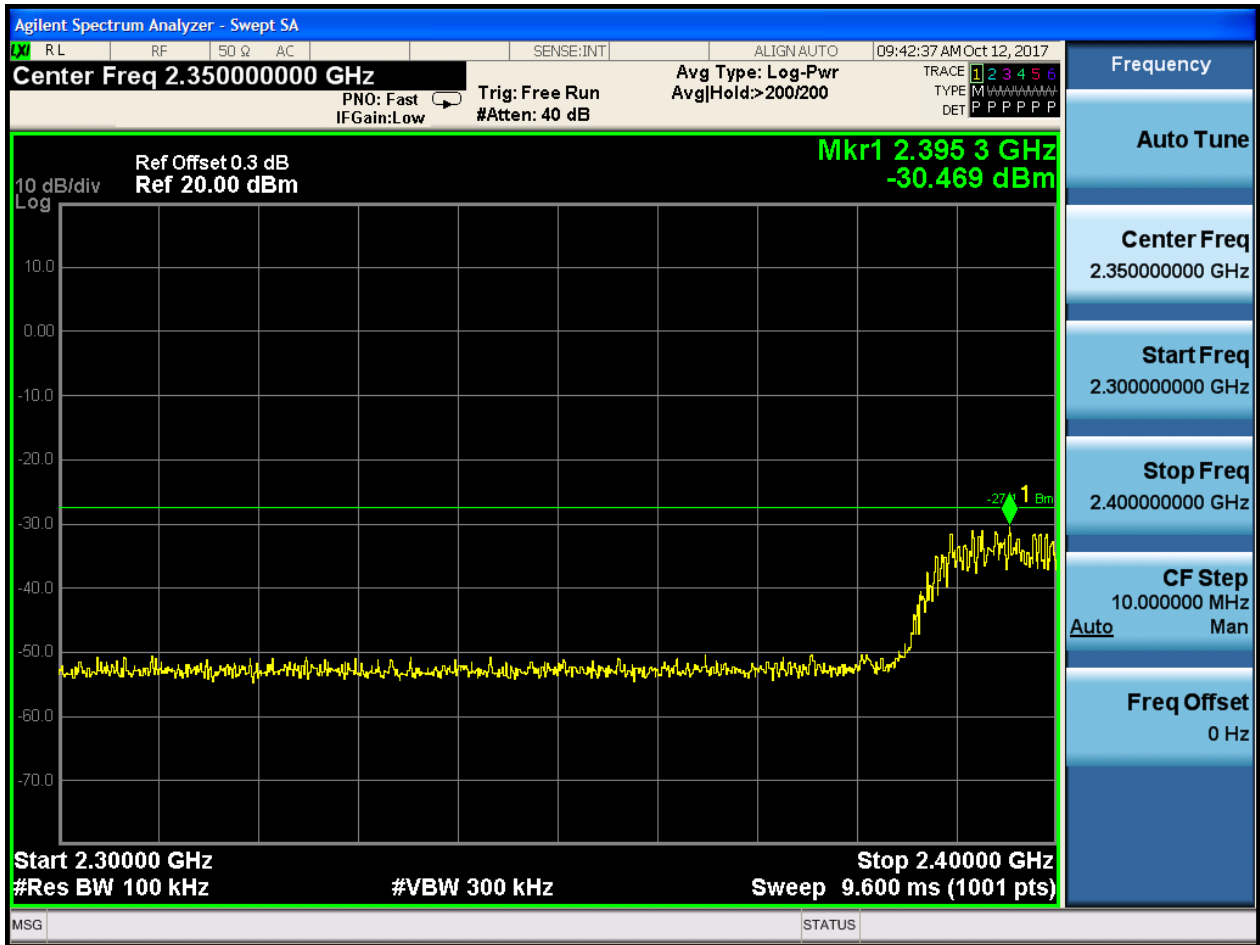
Puw:

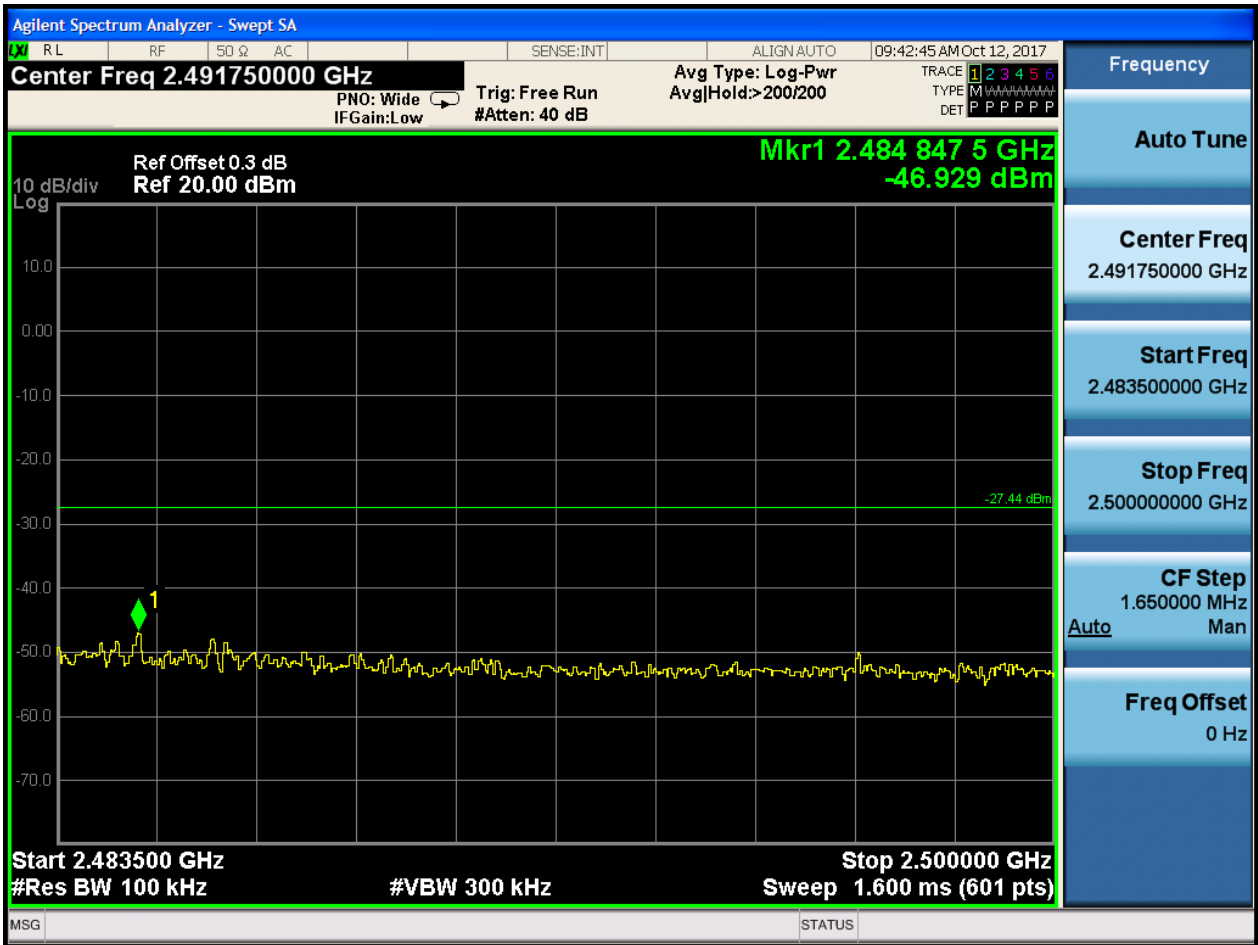










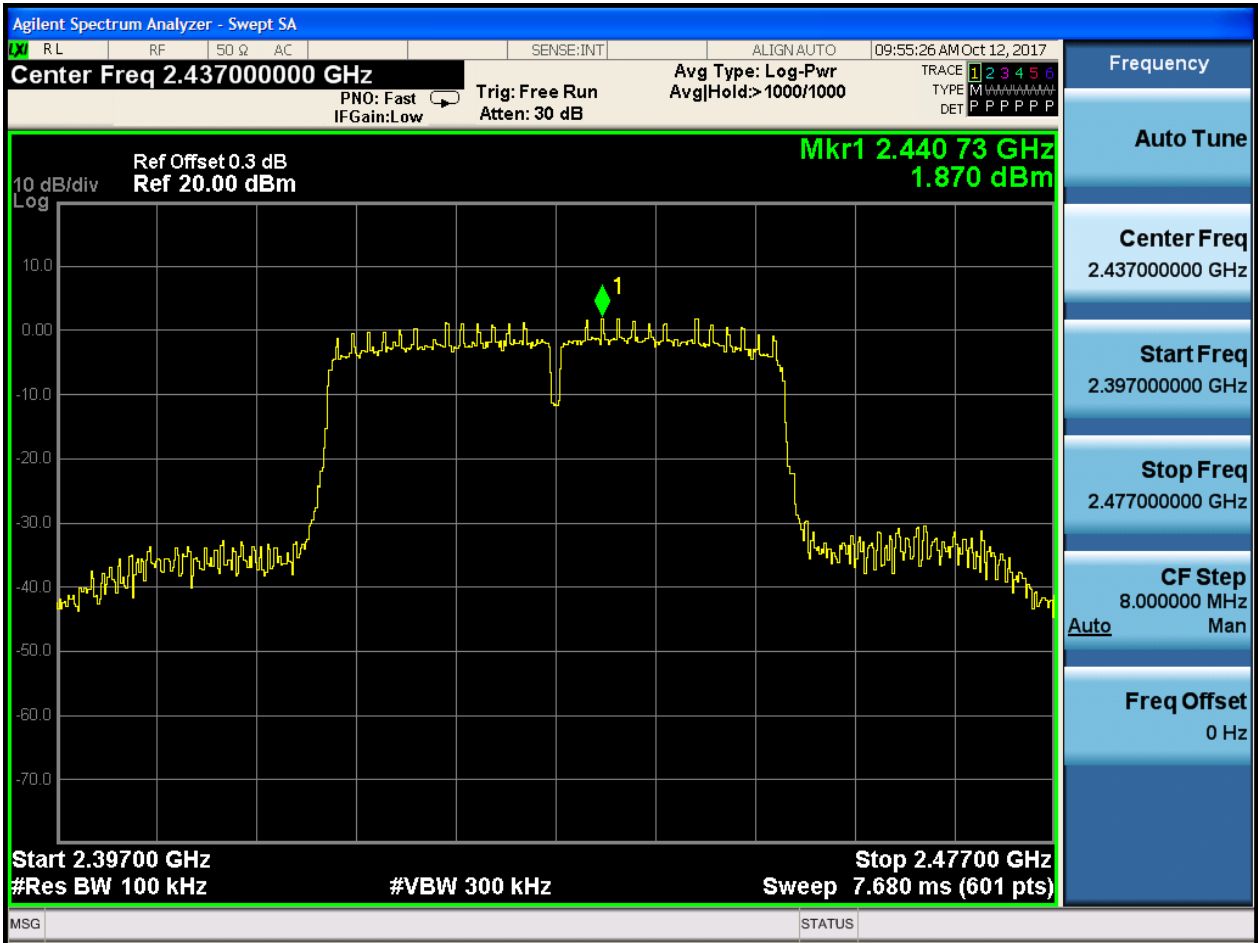






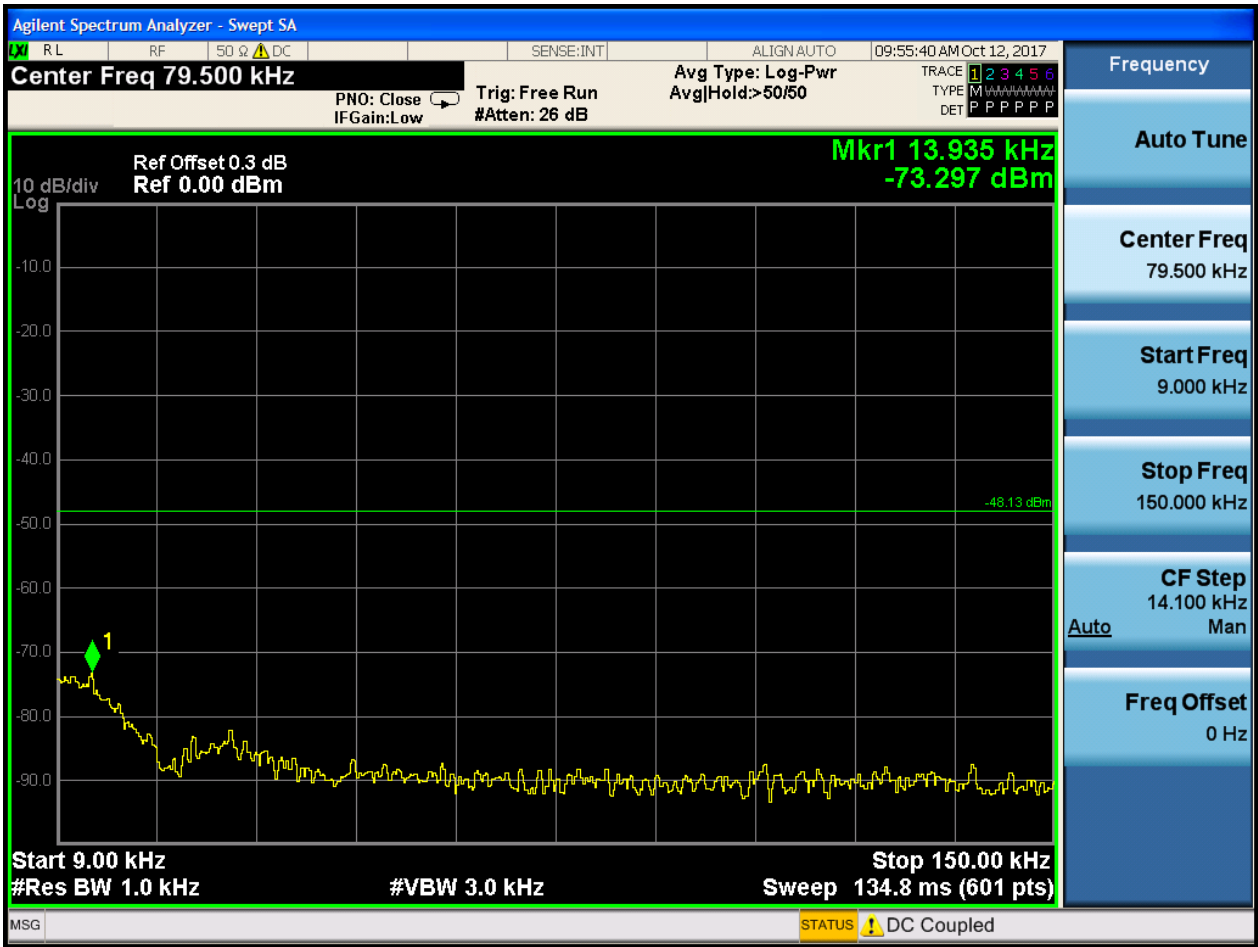
### 2.11 11N40\_M@Ant 1

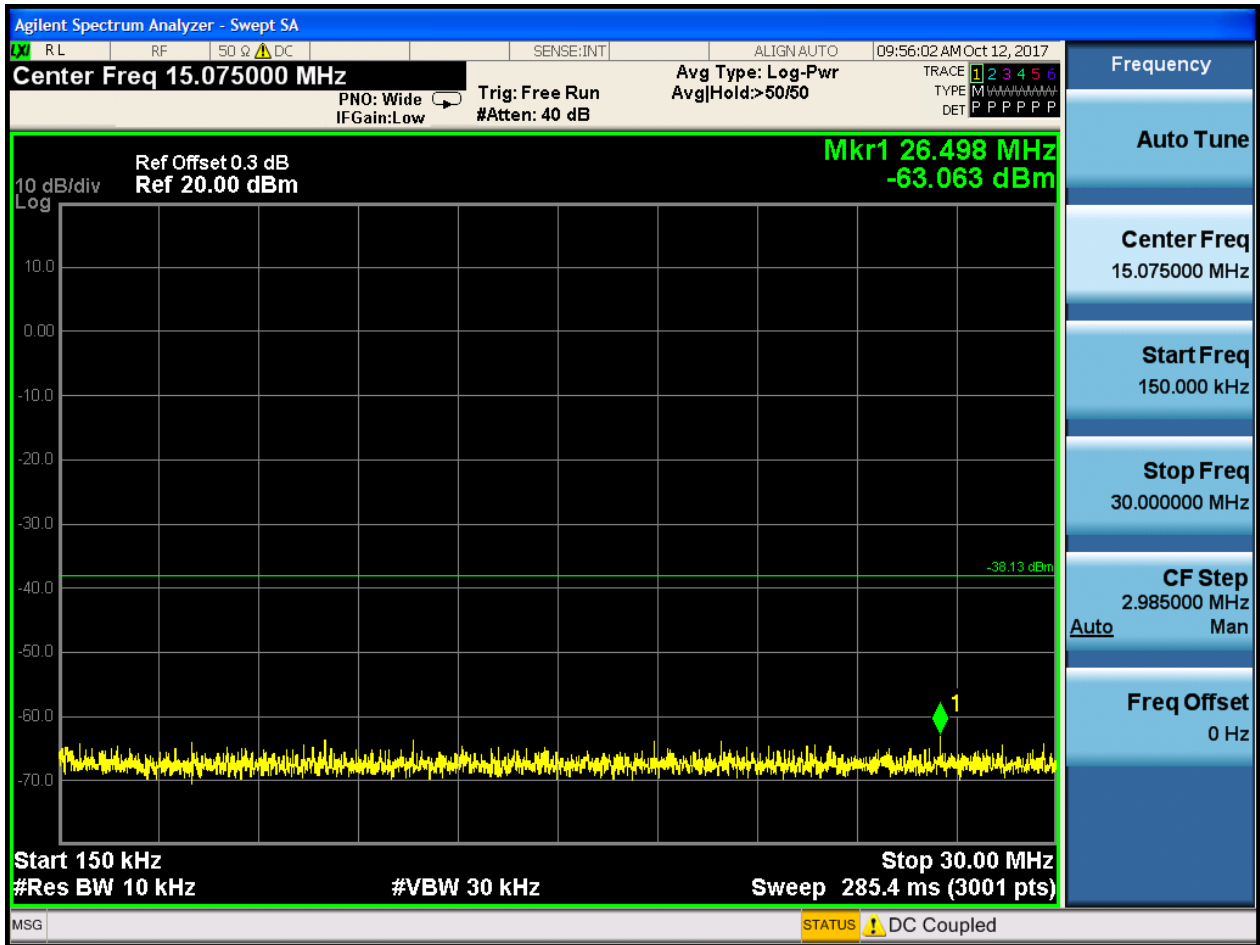
Pref:





Puw:

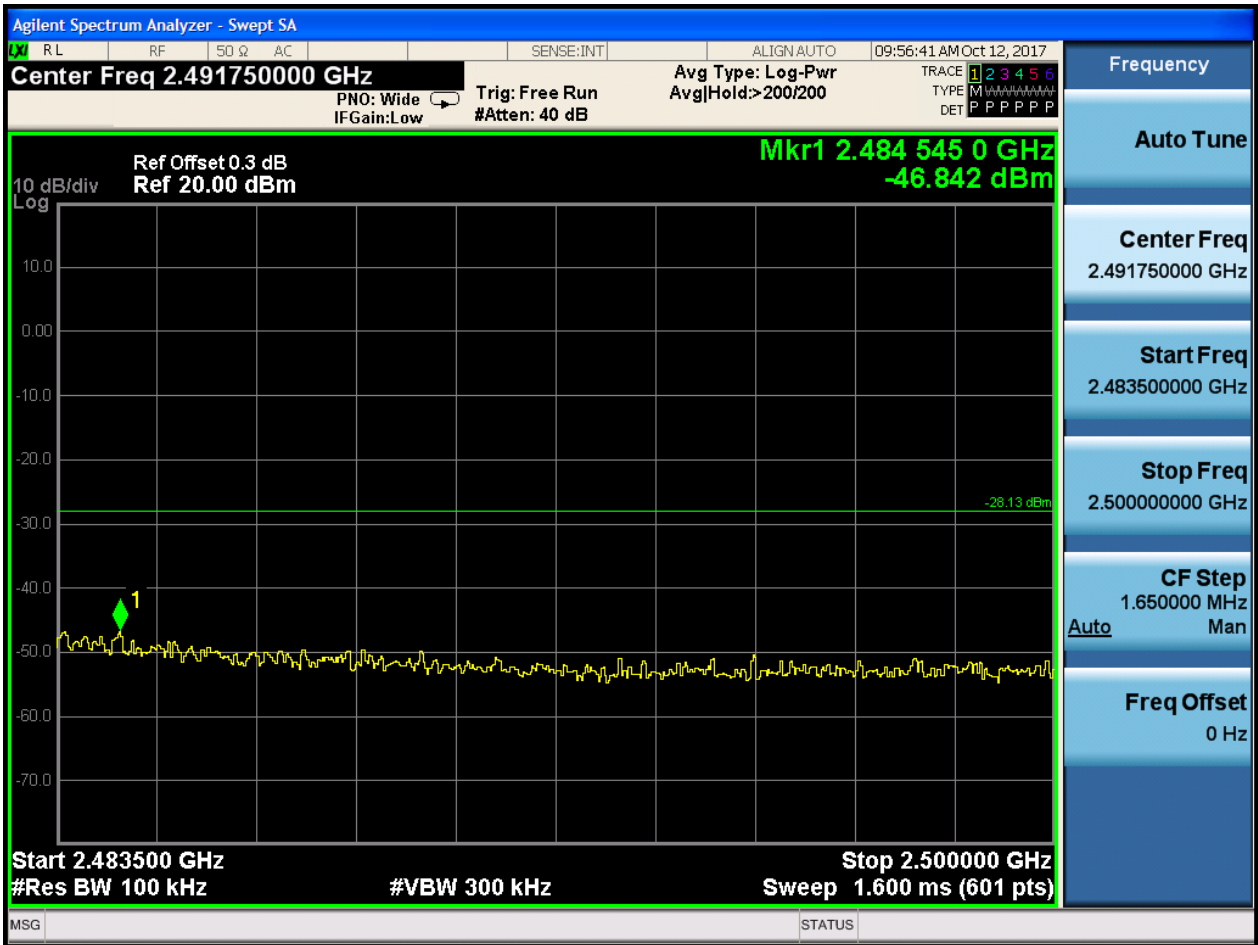










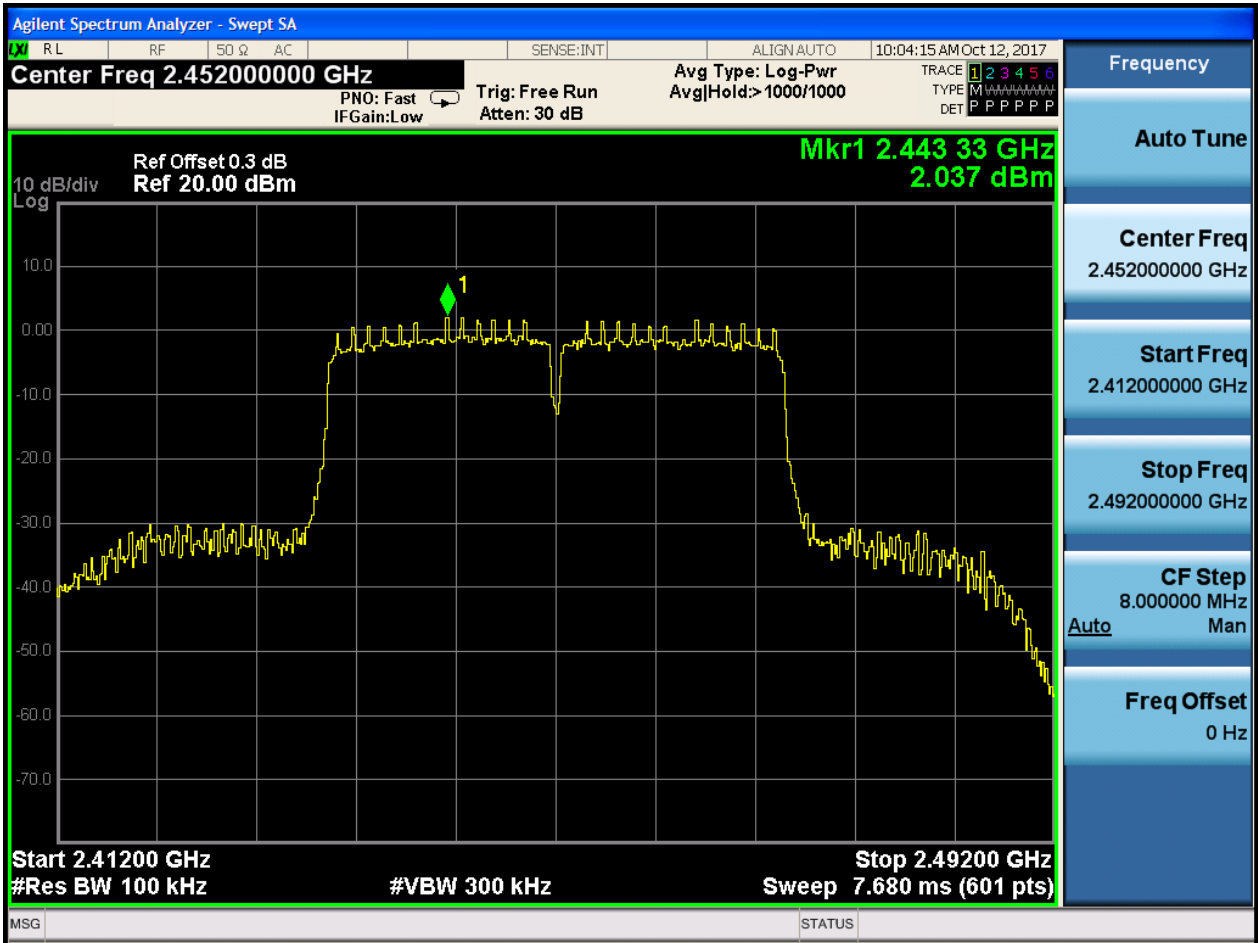






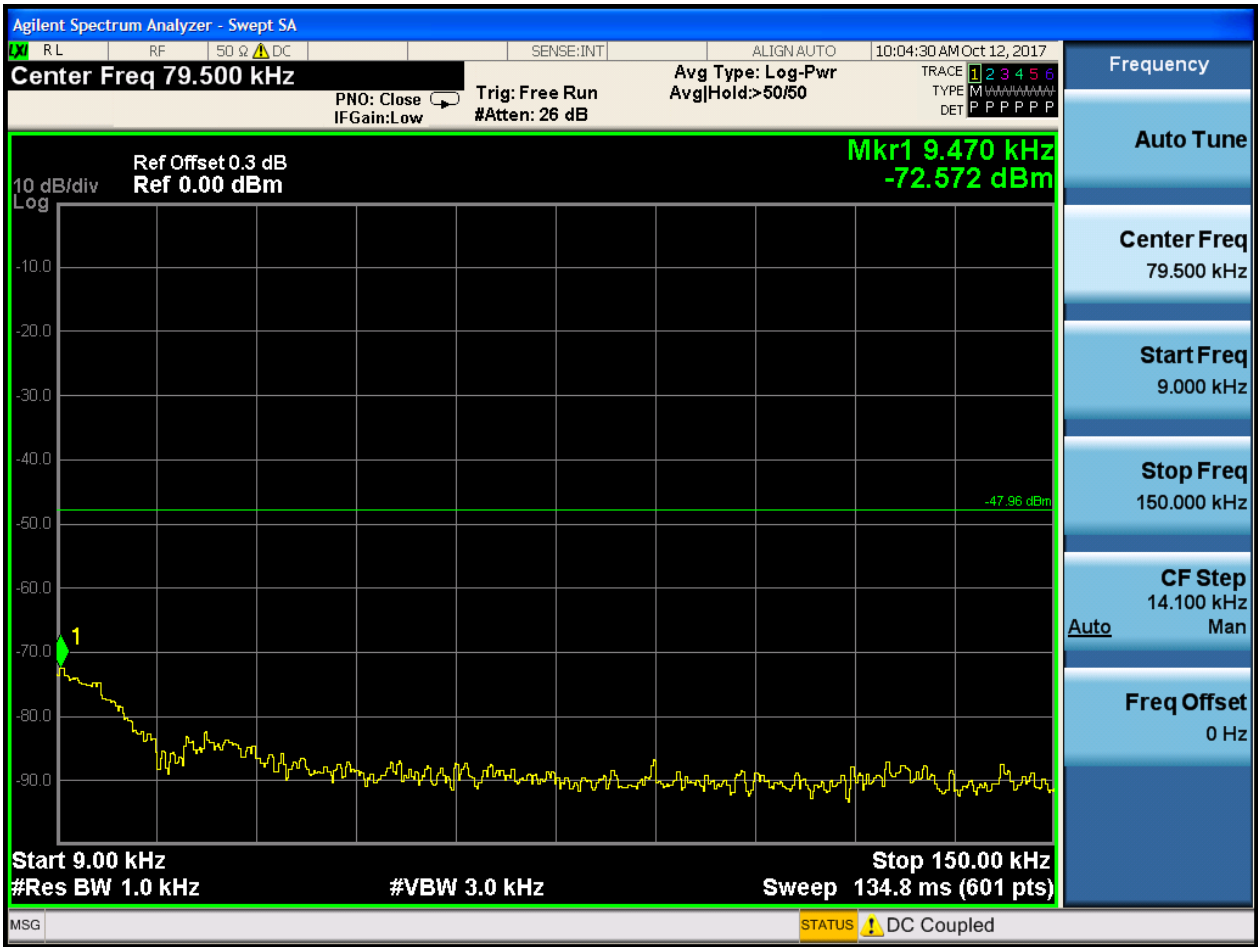
### 2.12 11N40\_H@Ant 1

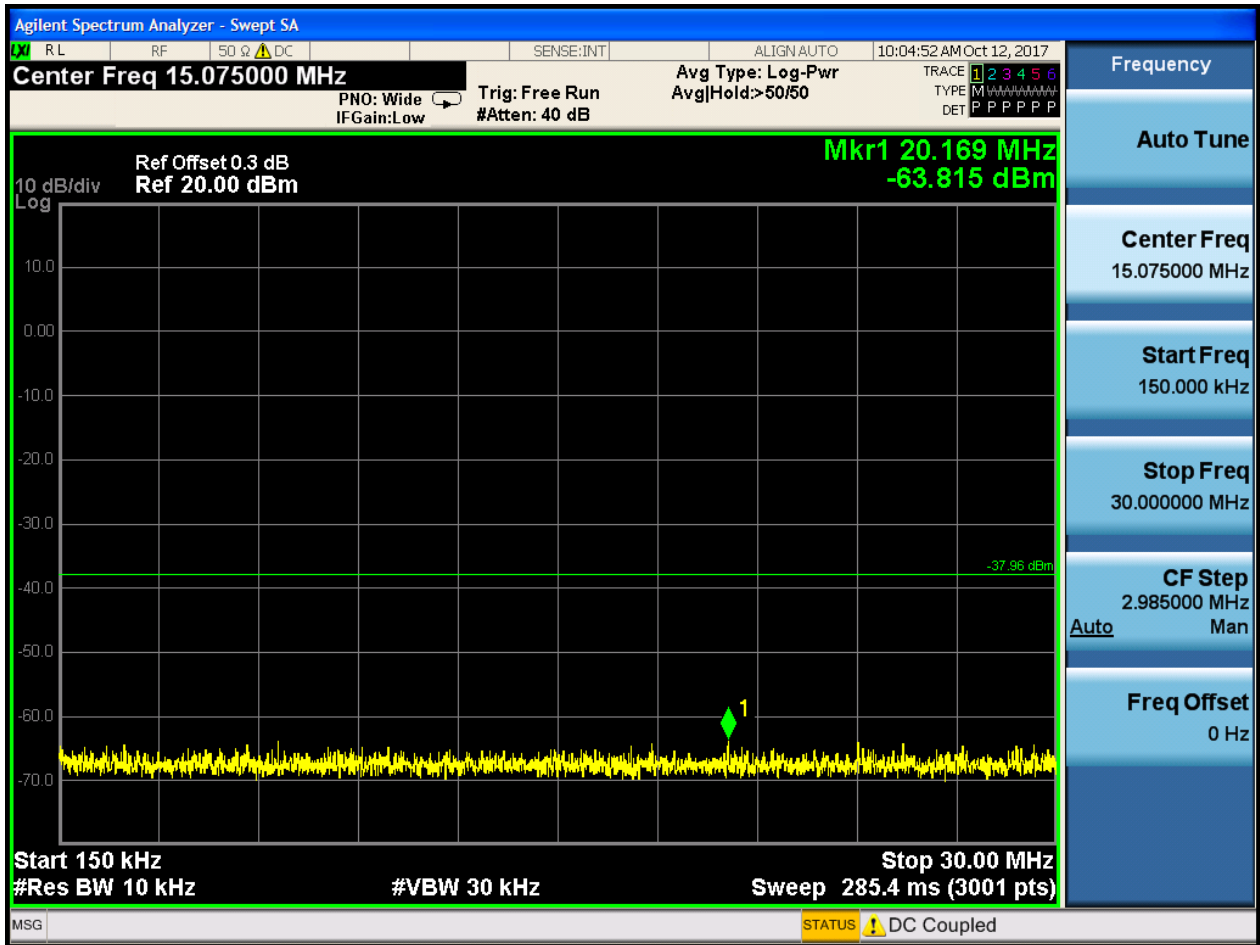
Pref:

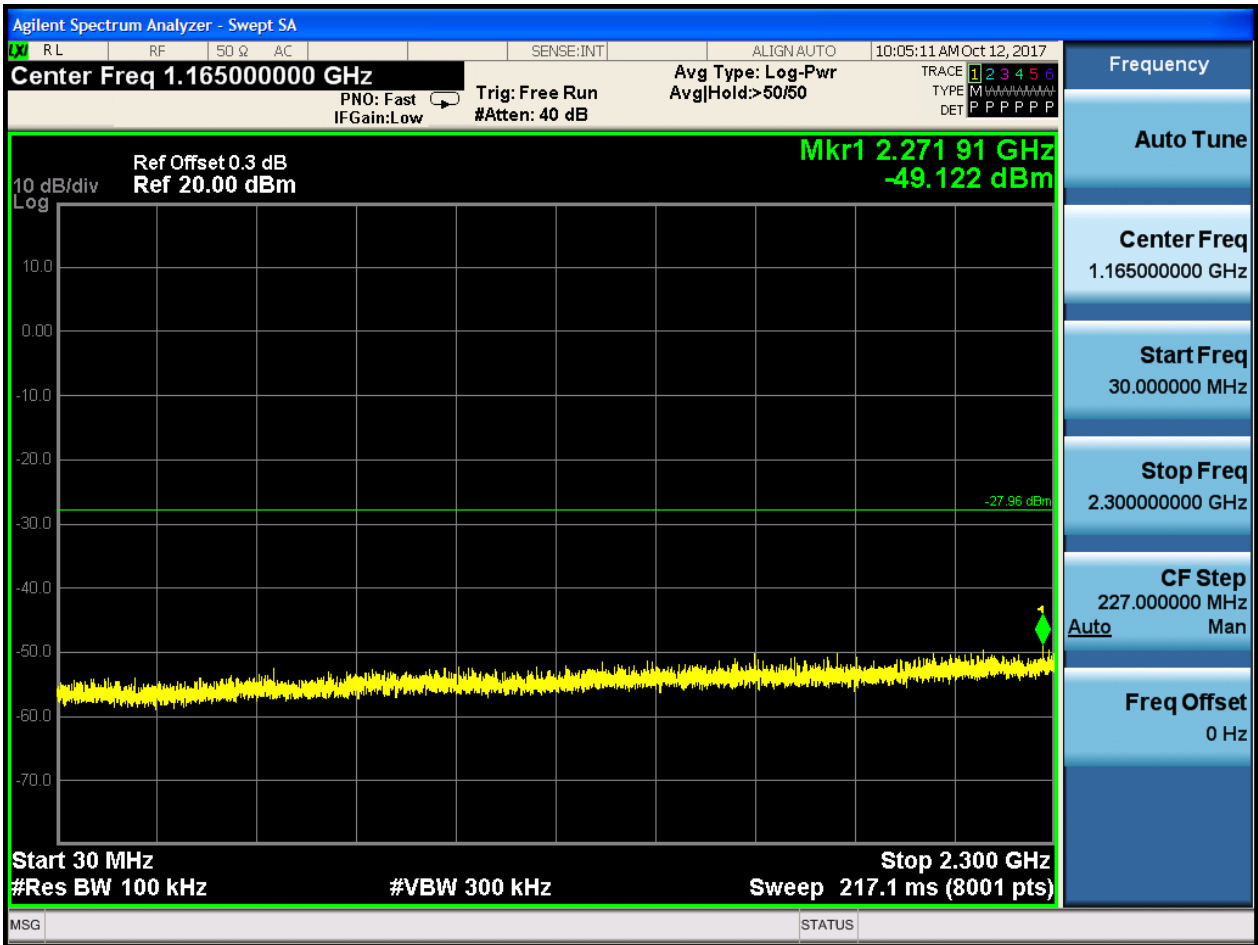


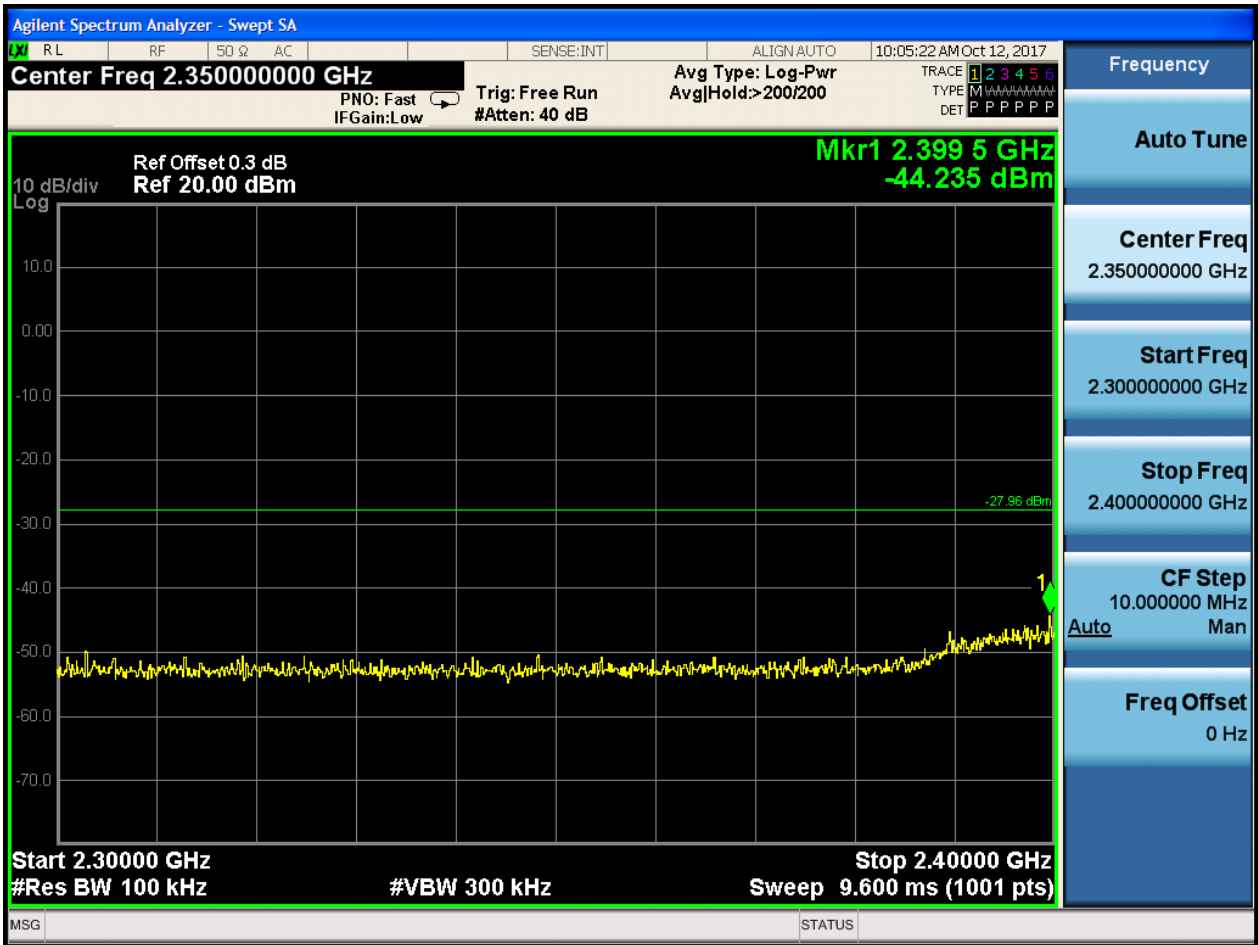


Puw:

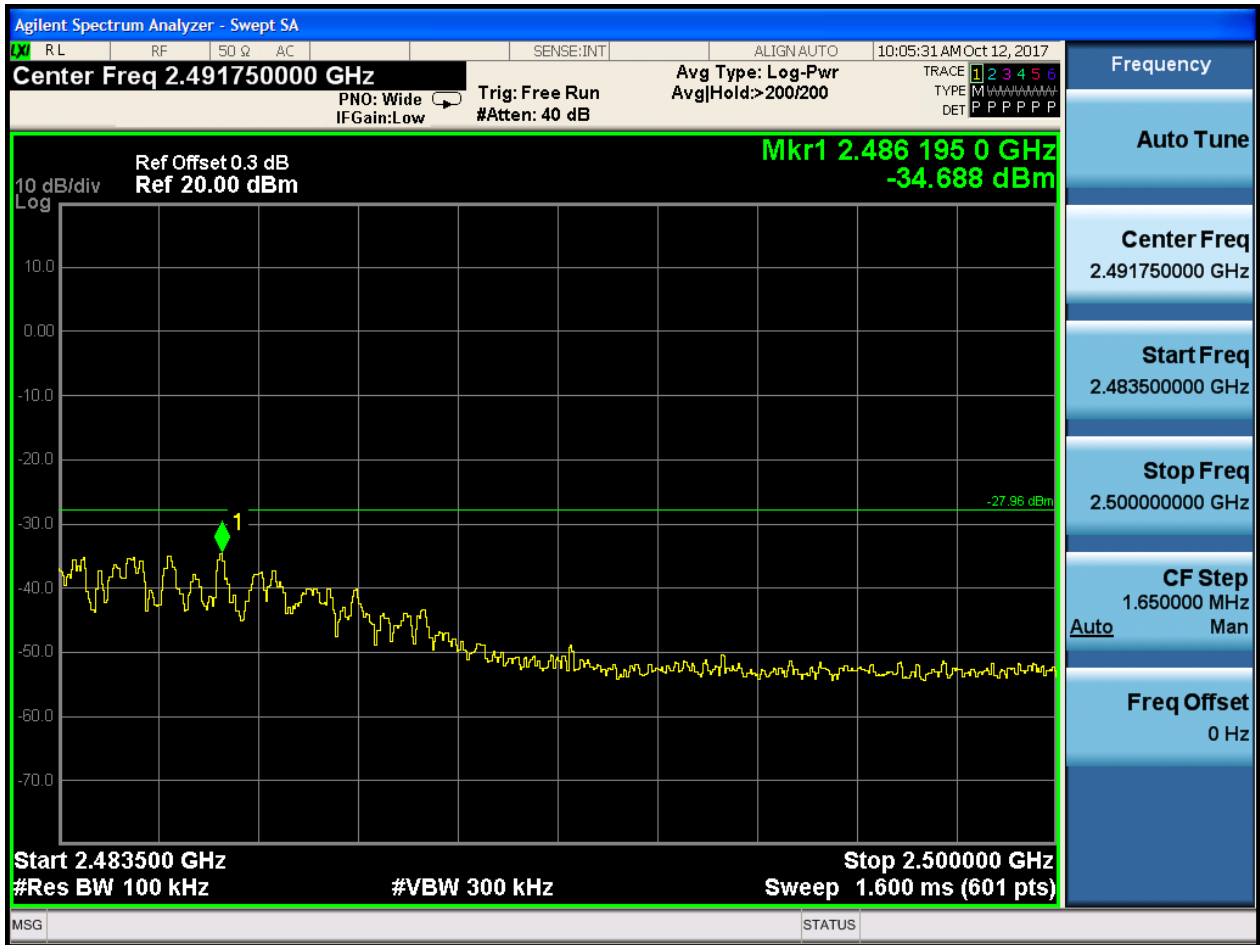
















## **Appendix H: Radiated Spurious Emission & Spurious in Restricted Band**

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

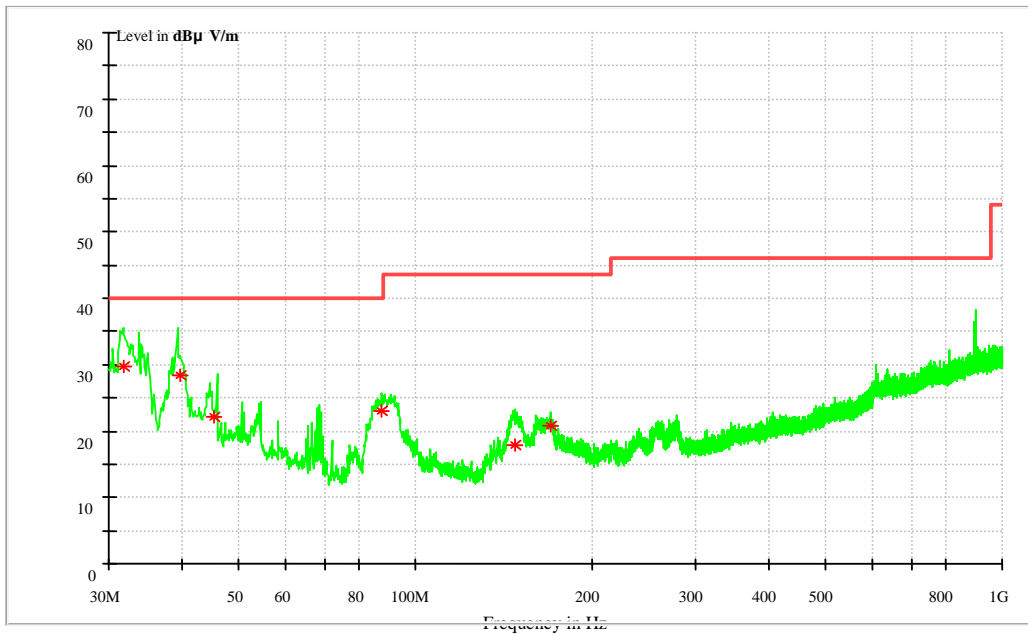
### 2.1 Part 1: Testing Range of “9 kHz to 30MHz”

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)
31.791900	29.77	40.00	10.23	106.0	V	138.0	14.8
39.694000	28.39	40.00	11.61	100.0	V	272.0	15.5
45.487900	22.17	40.00	17.83	140.0	V	206.0	15.2
87.761800	23.11	40.00	16.89	155.0	V	224.0	11.8
147.452600	17.90	43.50	25.60	100.0	V	278.0	10.3
169.526650	20.72	43.50	22.78	162.0	V	244.0	11.0

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

### 2.3Part 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.

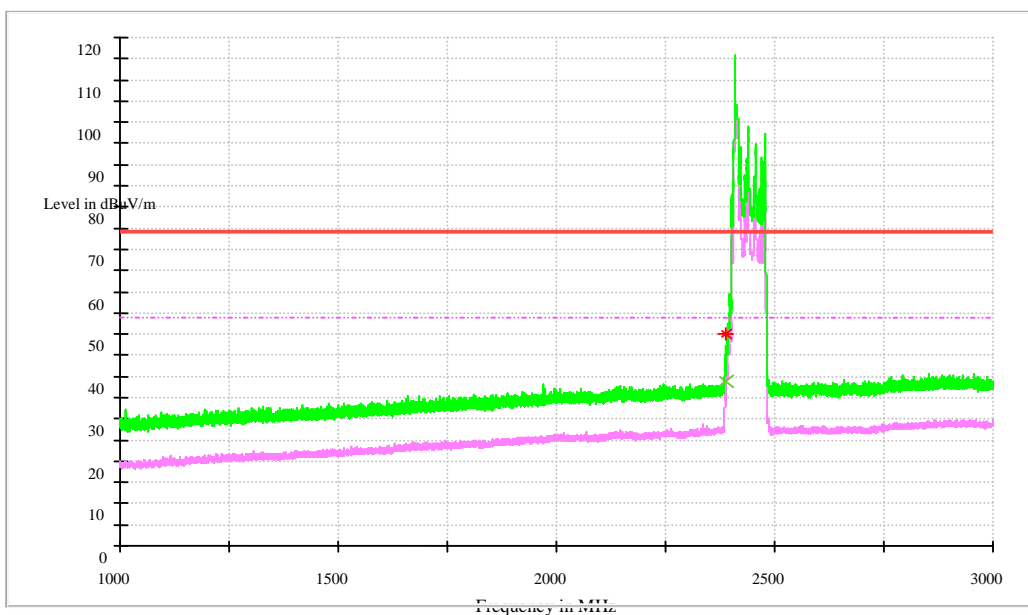
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).

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

Test Mode:

#### 2.3.1Test Mode: 11B

##### 2.3.1.1 Channel 1 @Ant 1



#### MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	38.69	54.00	15.31	150.0	H	244.0	-8.6

#### MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2390	50.17	74.00	23.83	150.0	H	244.0	-8.6

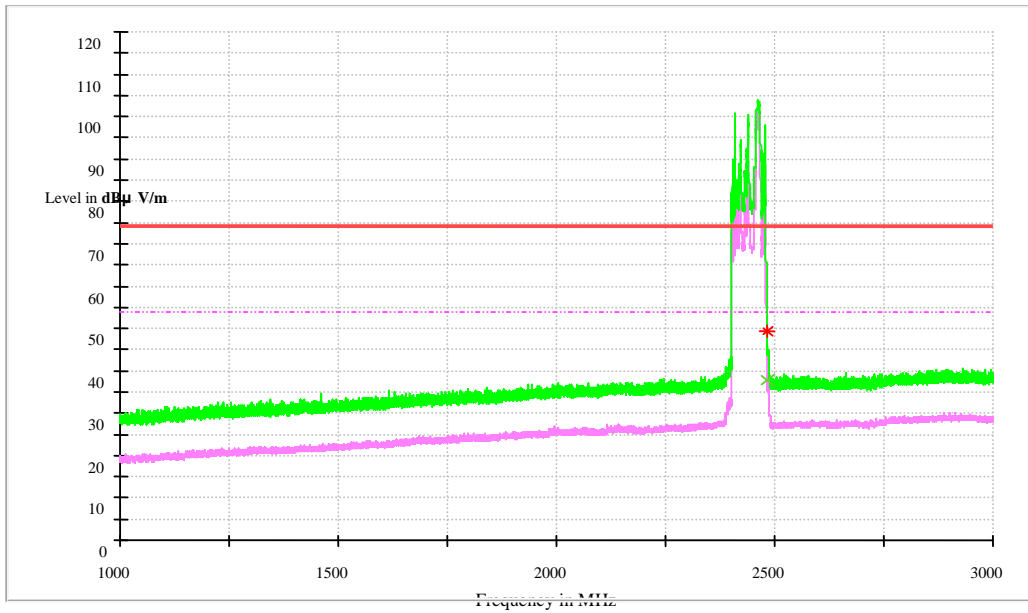
Note:

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

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

2, Margin=Limit – Level

**2.3.1.2 Channel 11@Ant 1**



**MEASUREMENT RESULT: AV Detector**

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	37.78	54.00	16.22	100.0	H	248.0	-6.4

**MEASUREMENT RESULT: PK Detector**

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5529	49.42	74.00	24.58	100.0	H	257.0	-6.8

Note:

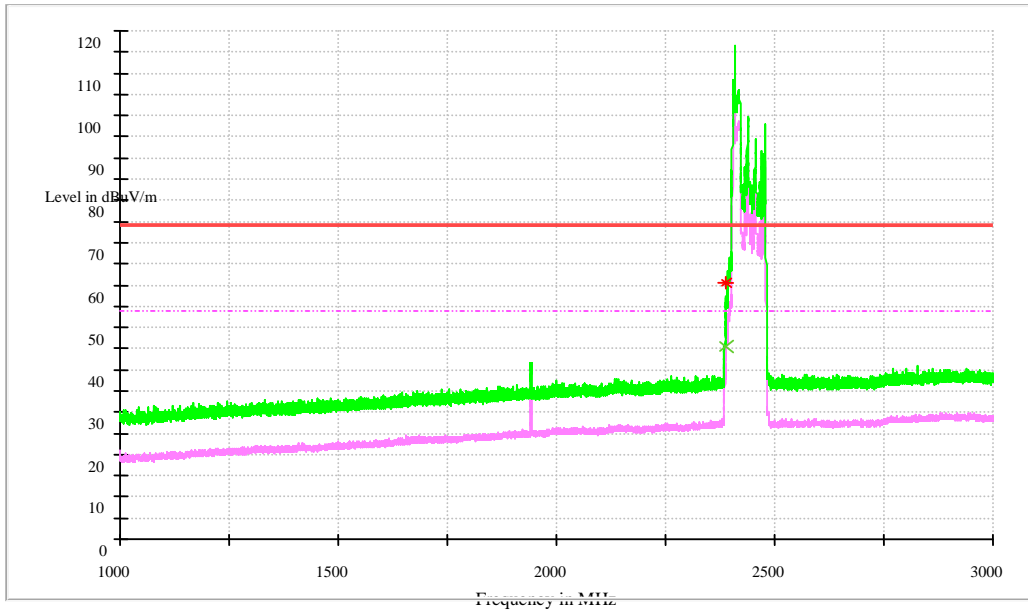
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

2, Margin=Limit - Level

**2.3.2 Test Mode: 11G**

**2.3.2.1 Channel 1 @Ant 1**



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2390	45.50	54.00	8.50	100.0	H	245.0	-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	60.51	74.00	13.49	100.0	H	269.0	-8.6

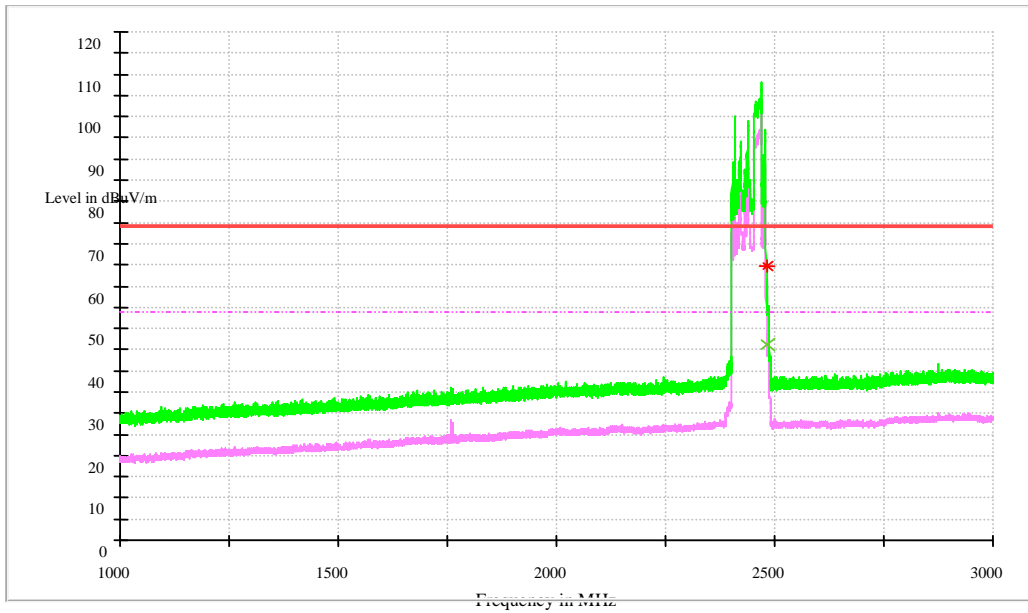
Note:

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

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

2, Margin=Limit - Level

2.3.2.2 Channel 11 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.579150	46.05	54.00	7.95	150.0	H	242.0	-6.0

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.540600	64.59	74.00	9.41	150.0	H	247.0	-6.5

Note:

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

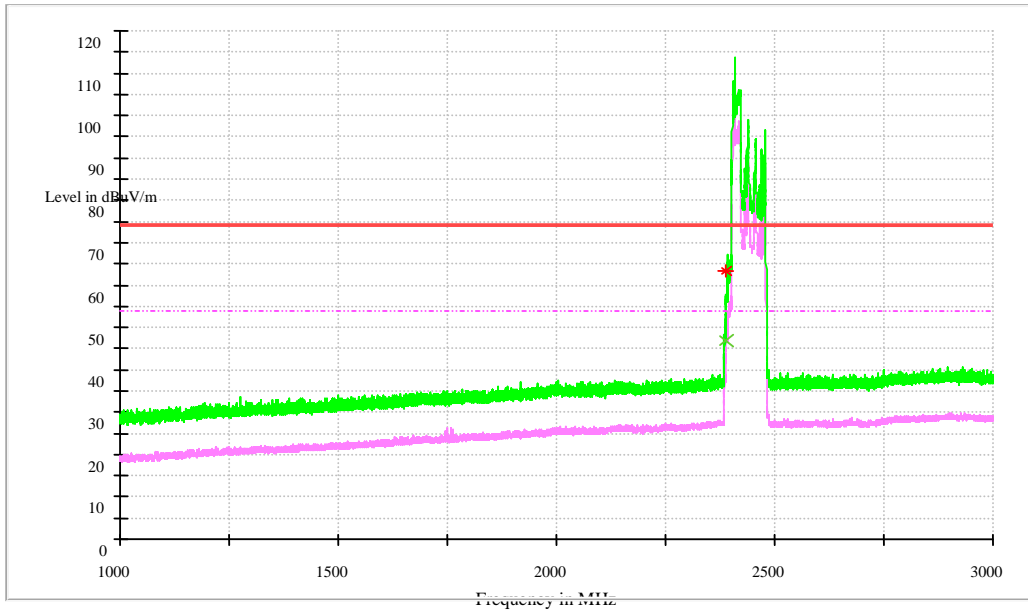
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level



**2.3.3 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	46.96	54.00	7.04	150.0	H	244.0	-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	63.48	74.00	10.52	150.0	H	270.0	-8.6

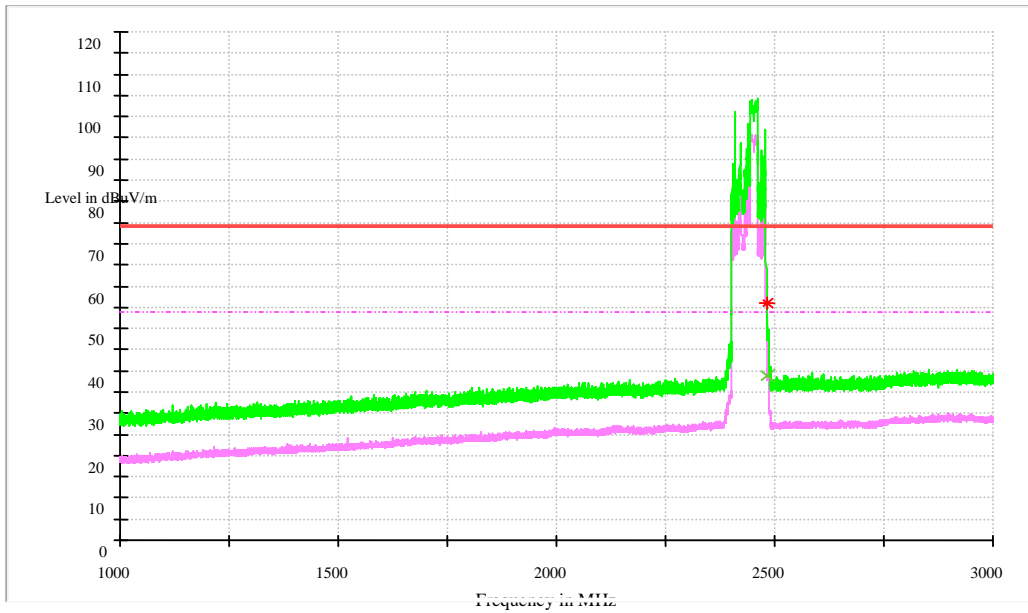
Note:

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

2.3.3.1 Channel 11 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h	Transd. (dB)
2483.5	38.77	74.00	15.23	150.0	H	247.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2483.5	56.08	54.00	17.92	150.0	H	225.0	-6.8

Note:

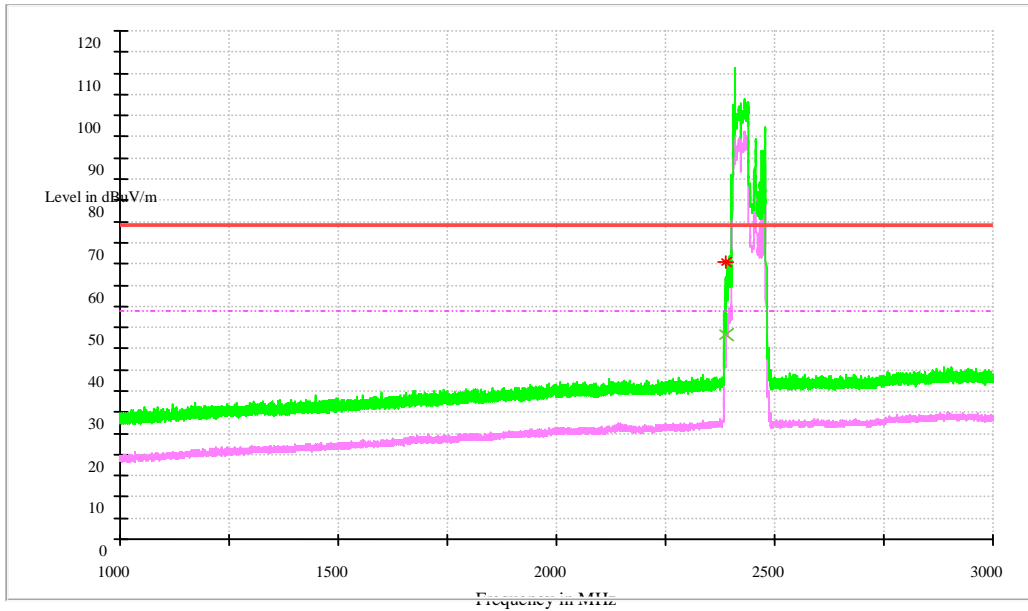
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

2, Margin=Limit – Level

**2.3.4 Test Mode: 11N40**

**2.3.4.1 Channel 3 @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	48.40	54.00	5.60	150.0	H	248.0	-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	65.29	74.00	8.71	150.0	H	253.0	-8.6

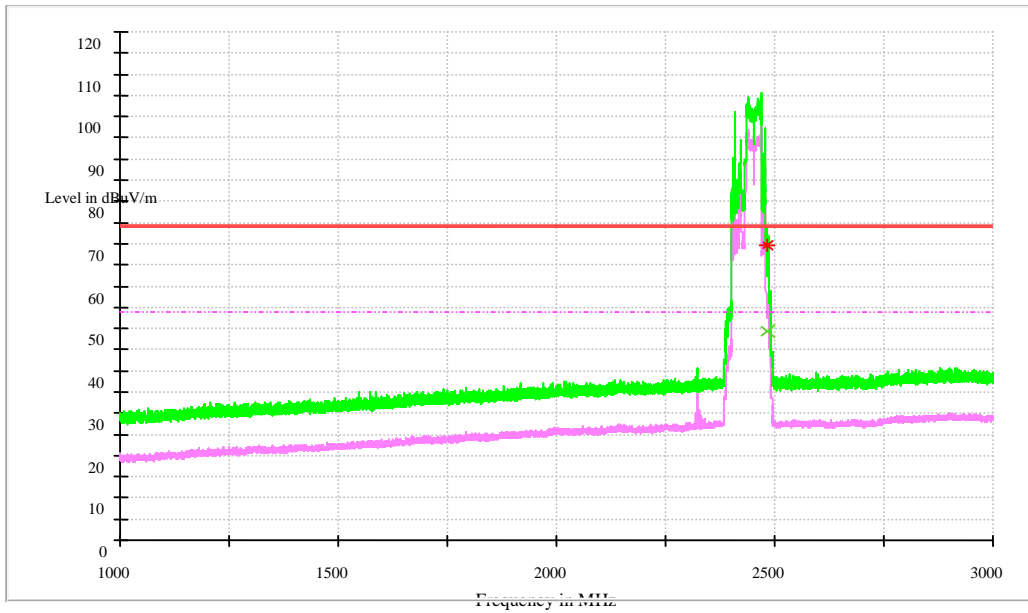
Note:

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

**2.3.4.2 Channel 9 @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)
2484.538500	49.41	54.00	4.59	150.0	H	231.0	-7.2

**MEASUREMENT RESULT: PK Detector**

Frequency (MHz)	Level (dBµ V/m)	Limit (dBµ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth h (deg)	Transd. (dB)
2484.836600	69.57	74.00	4.43	150.0	H	228.0	-7.3

Note:

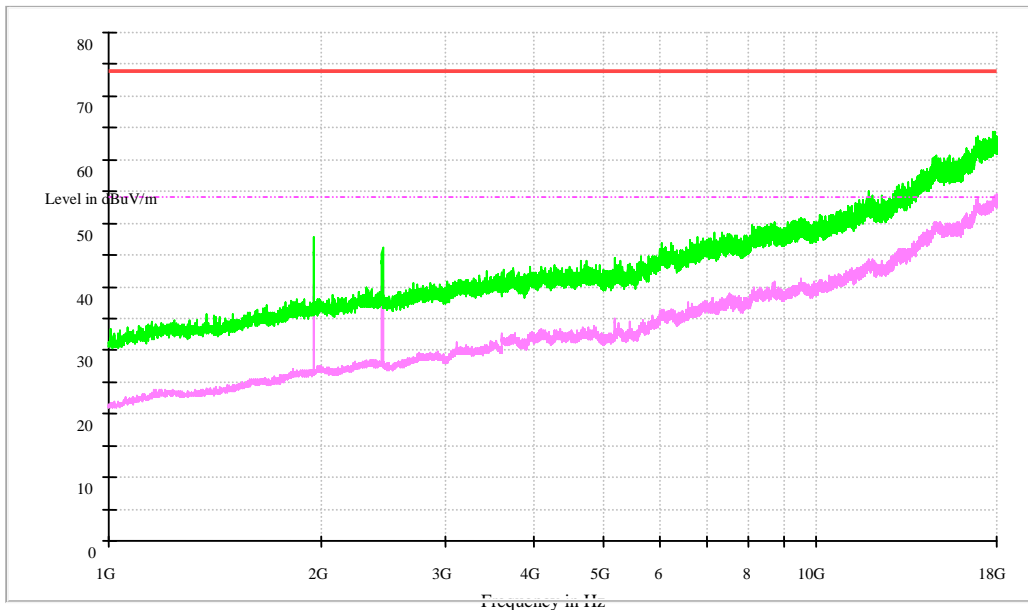
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

2, Margin=Limit - Level

## 2.4 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).



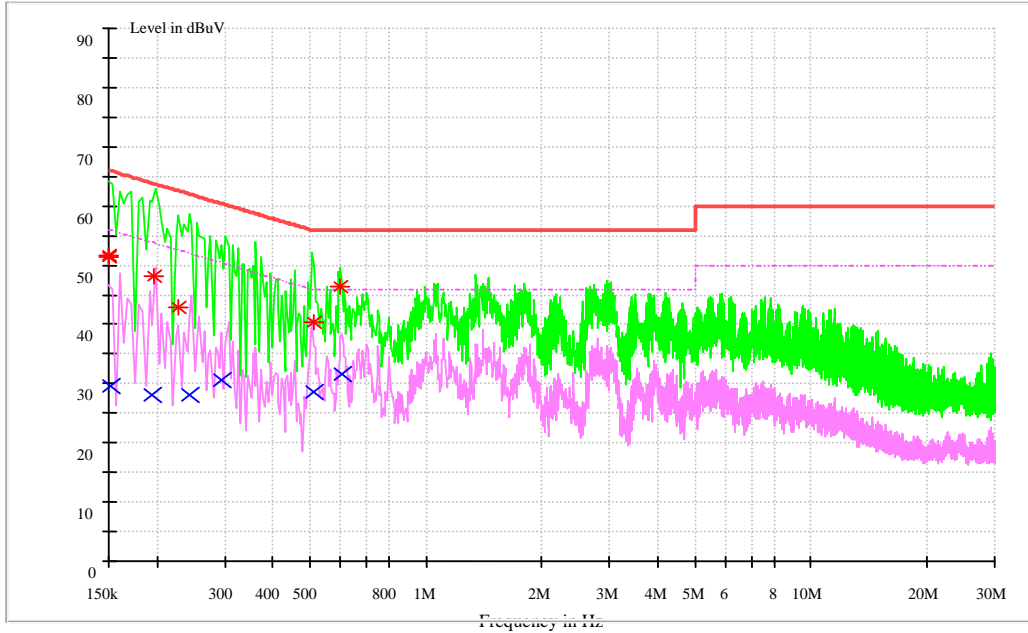


## 2.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

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 $\mu$ V)	Limit (dB $\mu$ V)	Transd. (dB)	Margin (dB)	Line	PE
0.15219	29.63	55.88	9.7	26.25	N	FLO
0.195176	28.04	53.81	9.7	25.77	N	FLO
0.244087	28.05	51.95	9.7	23.9	N	FLO
0.293122	30.57	50.44	9.7	19.87	L1	FLO
0.51045	28.61	46	9.7	17.39	L1	FLO
0.608051	31.64	60	9.7	14.36	L1	FLO

**MEASUREMENT RESULT: PK Detector**

Frequency (MHz)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Transd. (dB)	Margin (dB)	Line	PE
0.150525	51.7	65.97	9.7	14.27	N	FLO
0.150539	51.4	65.97	9.7	14.57	L1	FLO
0.196841	48.16	63.75	9.7	15.59	N	FLO
0.227486	42.87	62.54	9.7	19.67	N	FLO
0.51342	40.41	56	9.7	15.59	N	FLO
0.601076	46.36	56	9.7	9.64	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