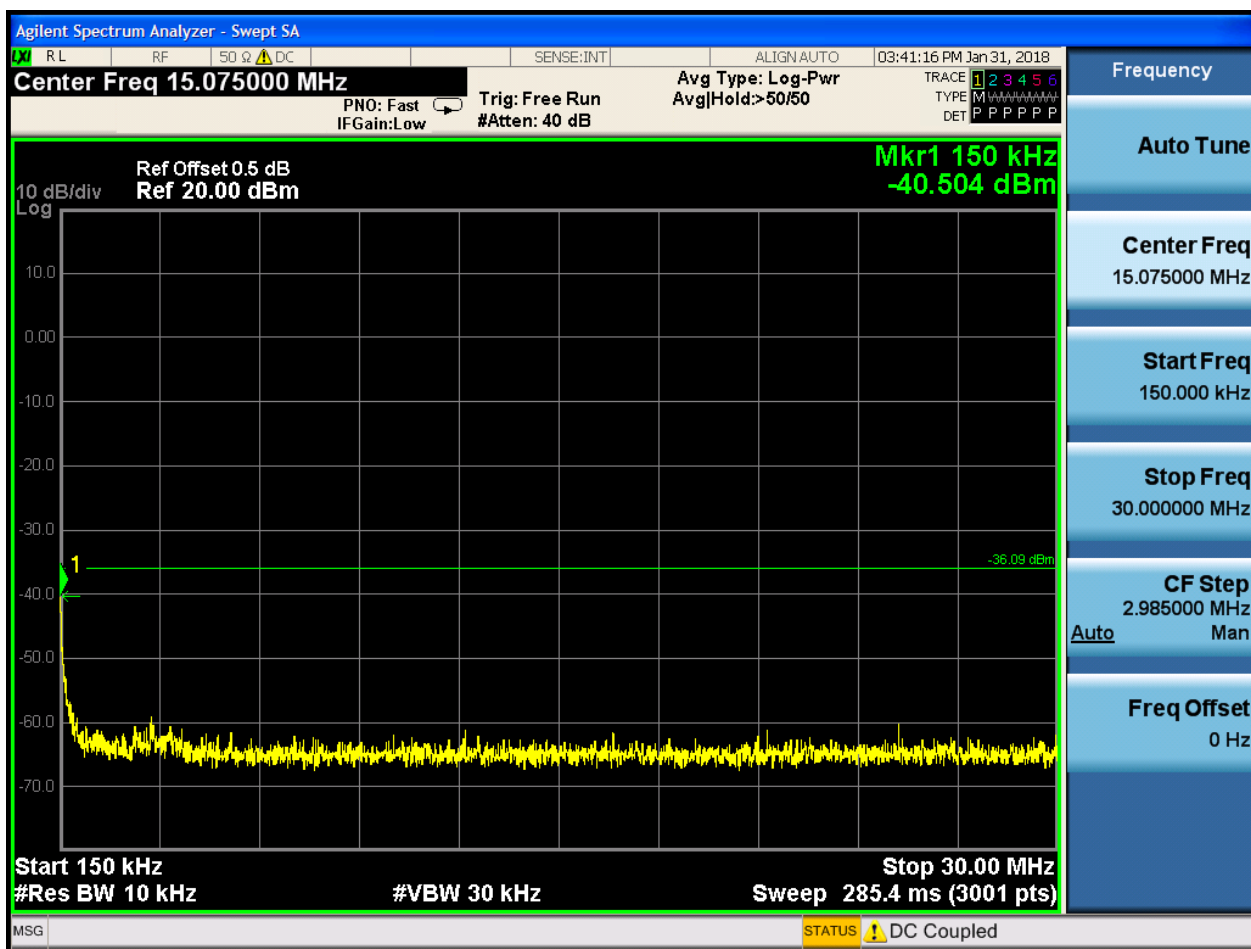
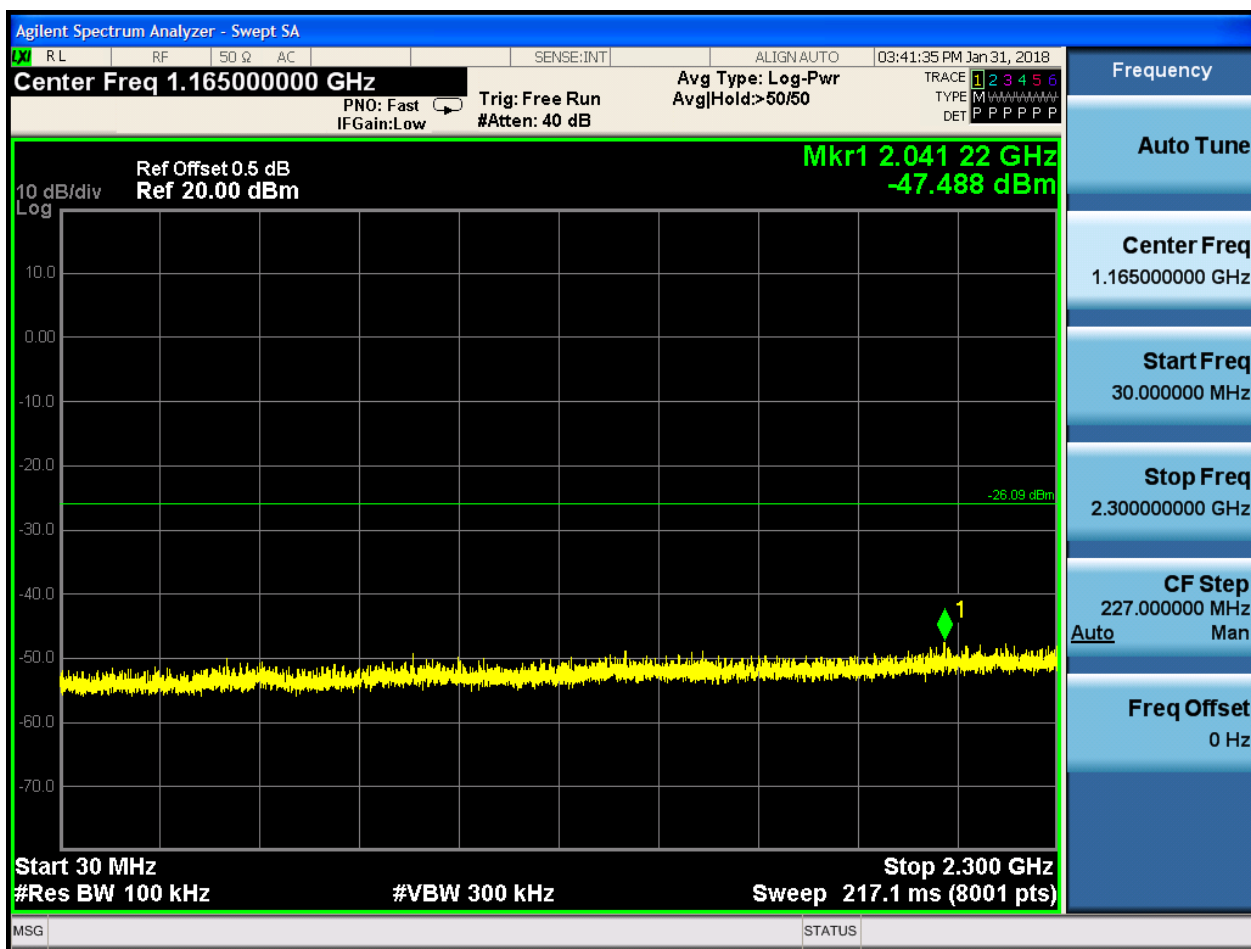
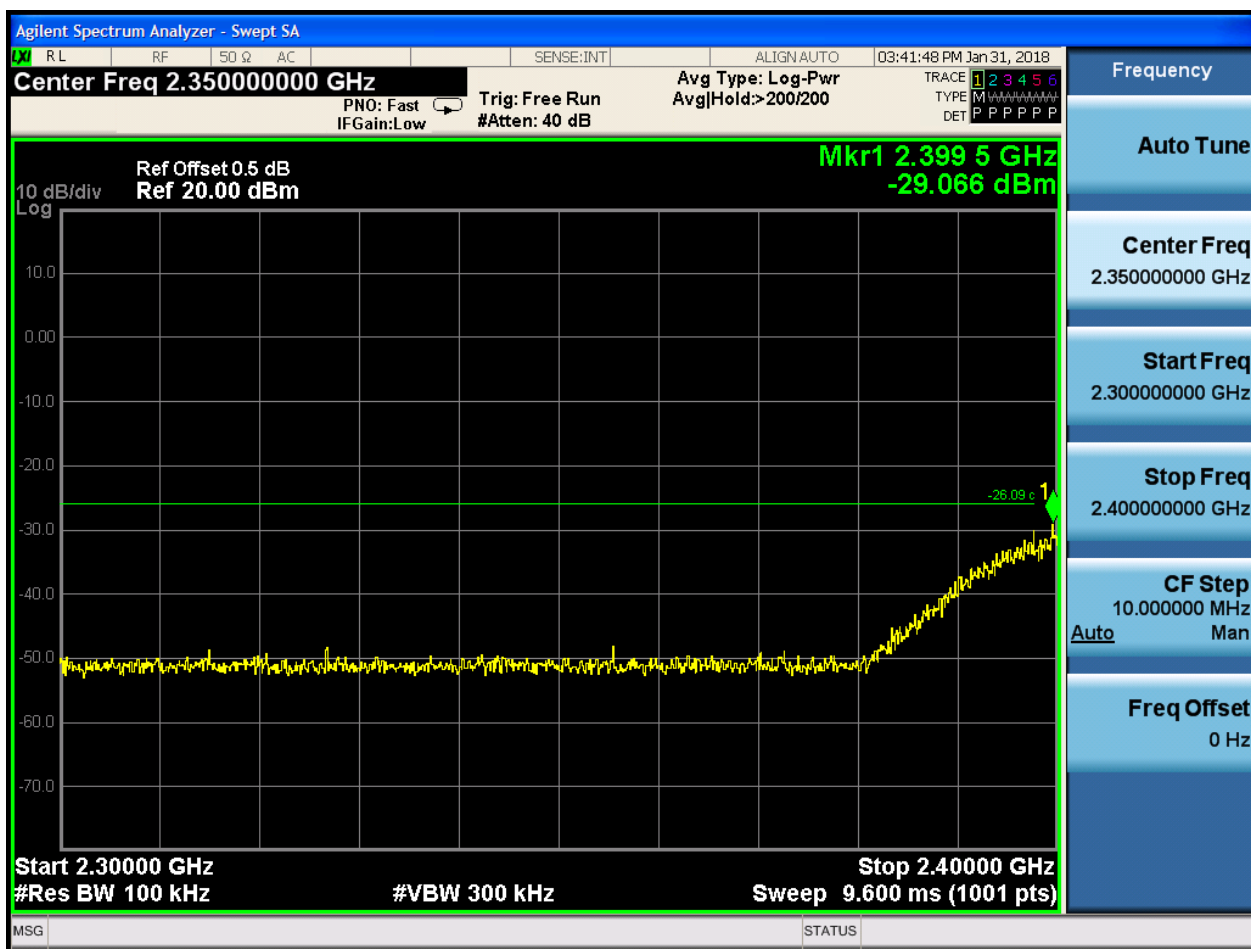
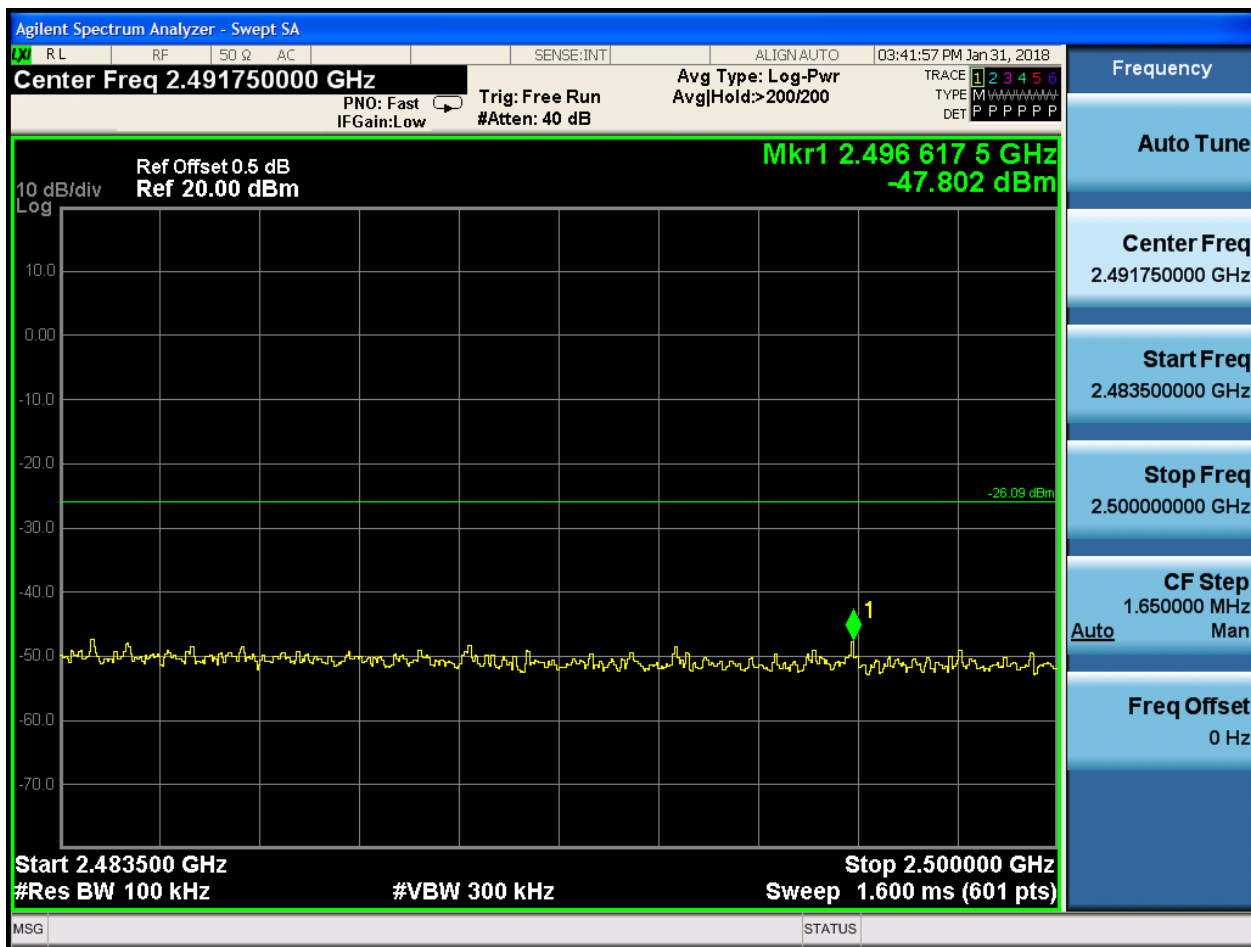
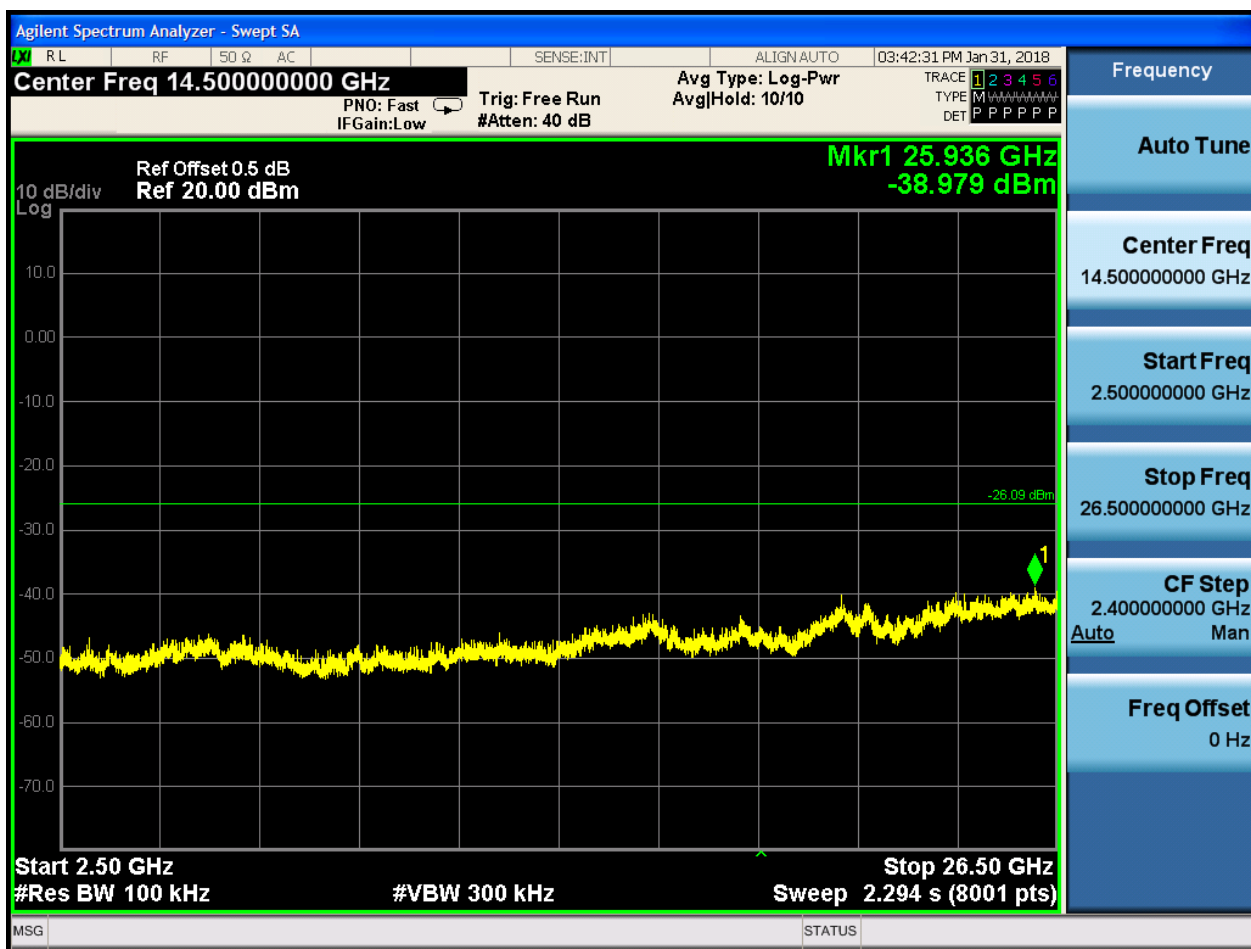








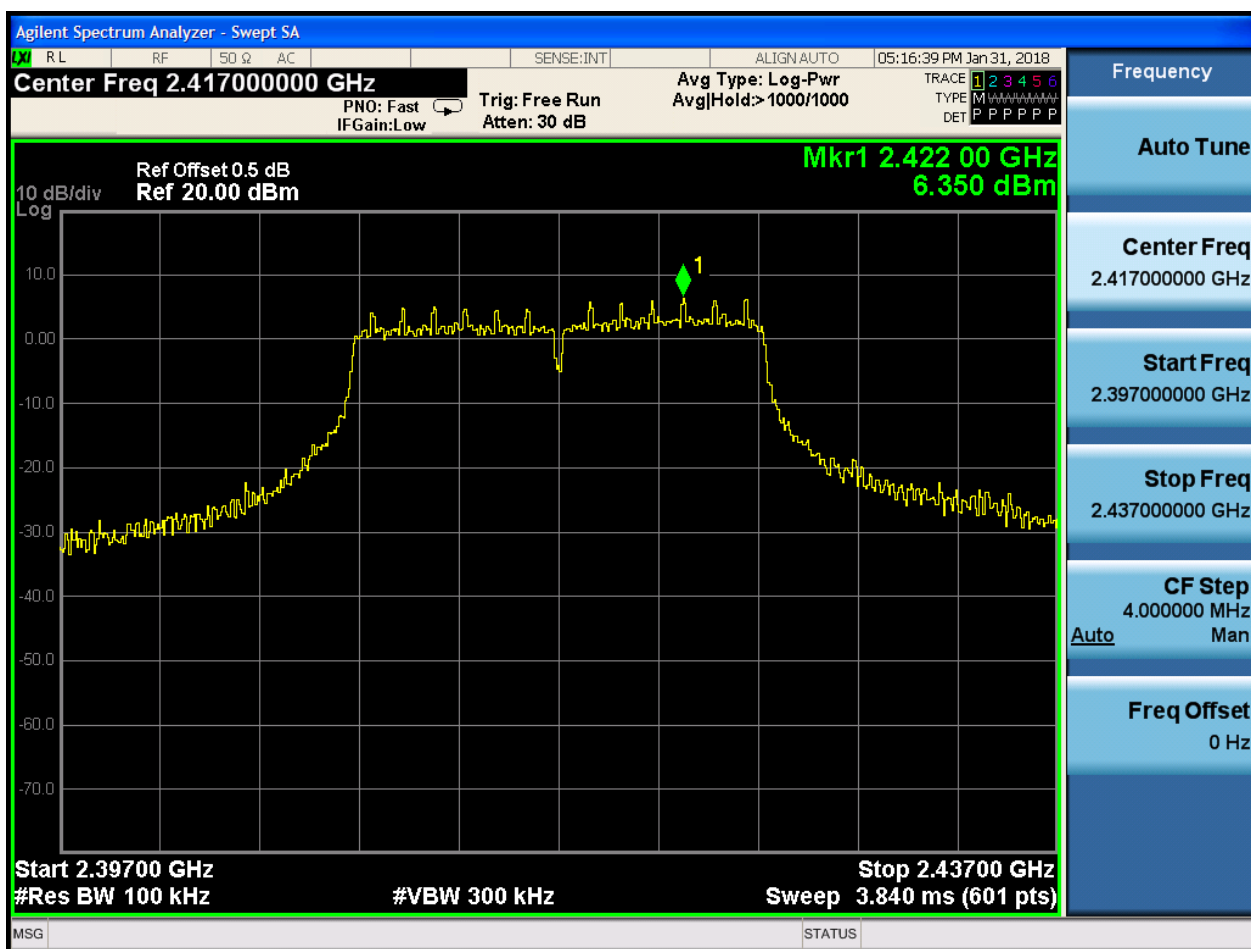






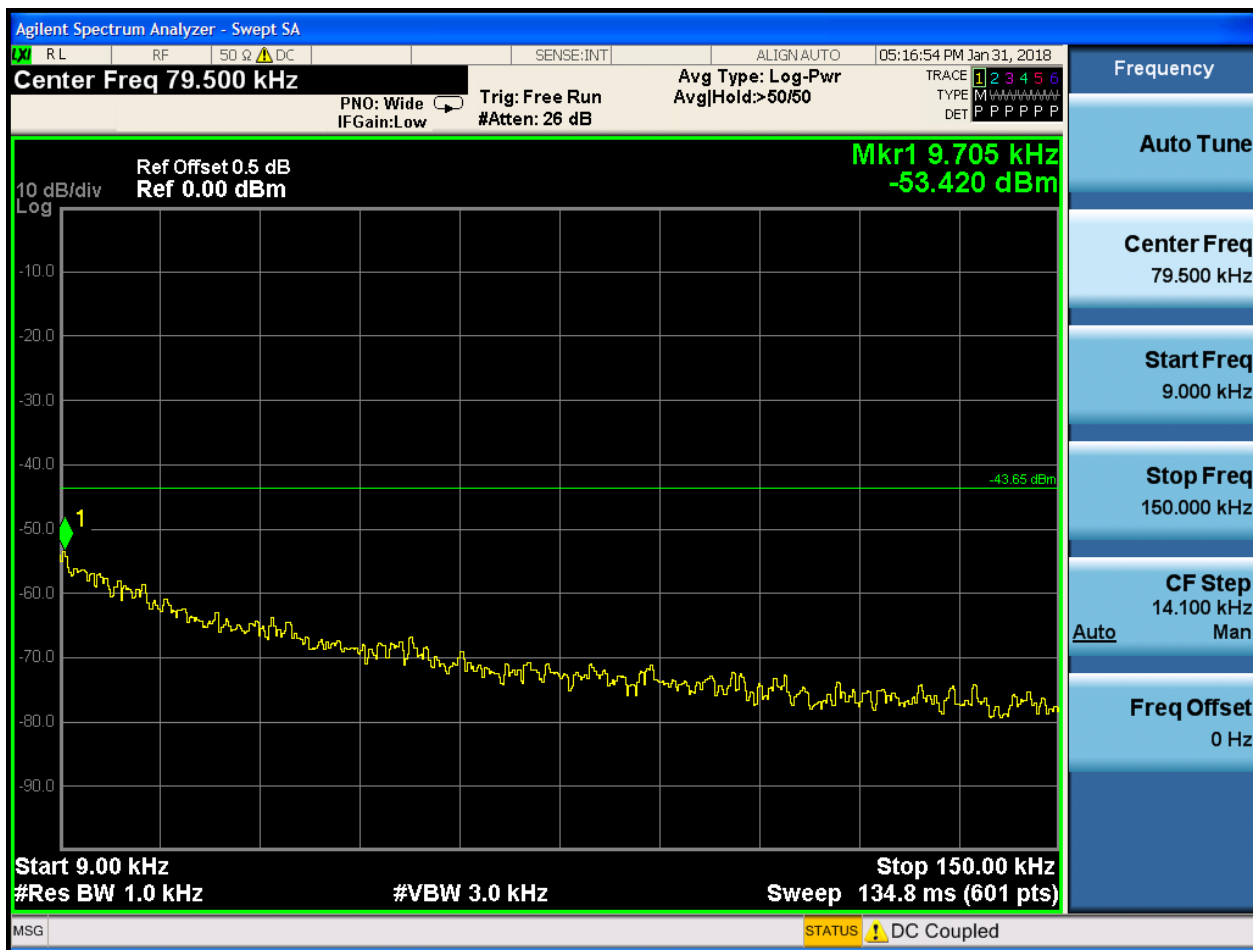
2.5 11G_L_2417@Ant 1

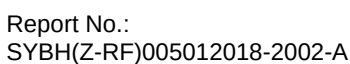
Pref:

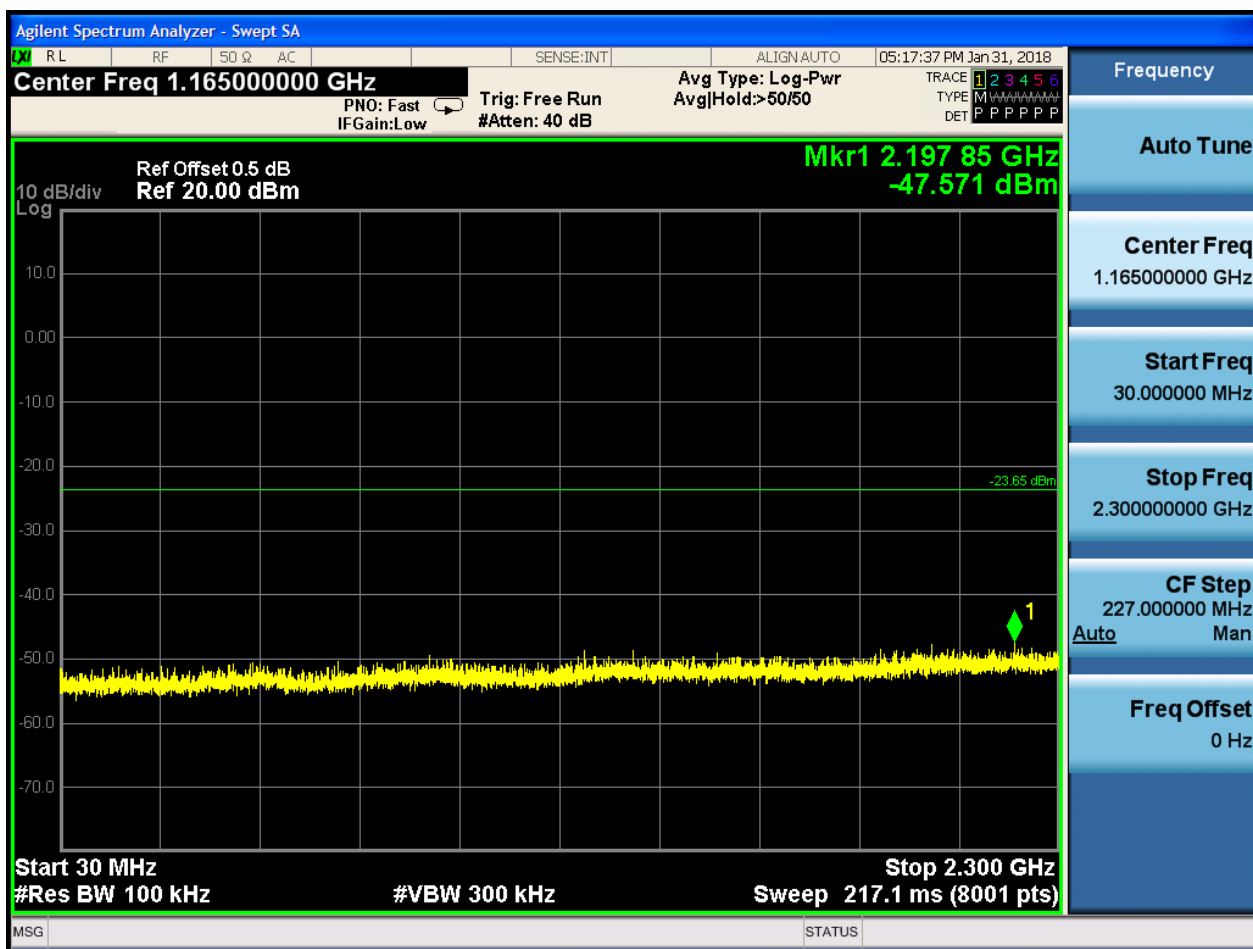


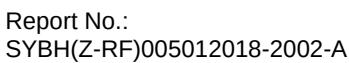


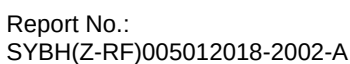
Puw:

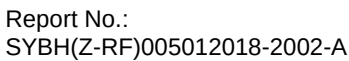








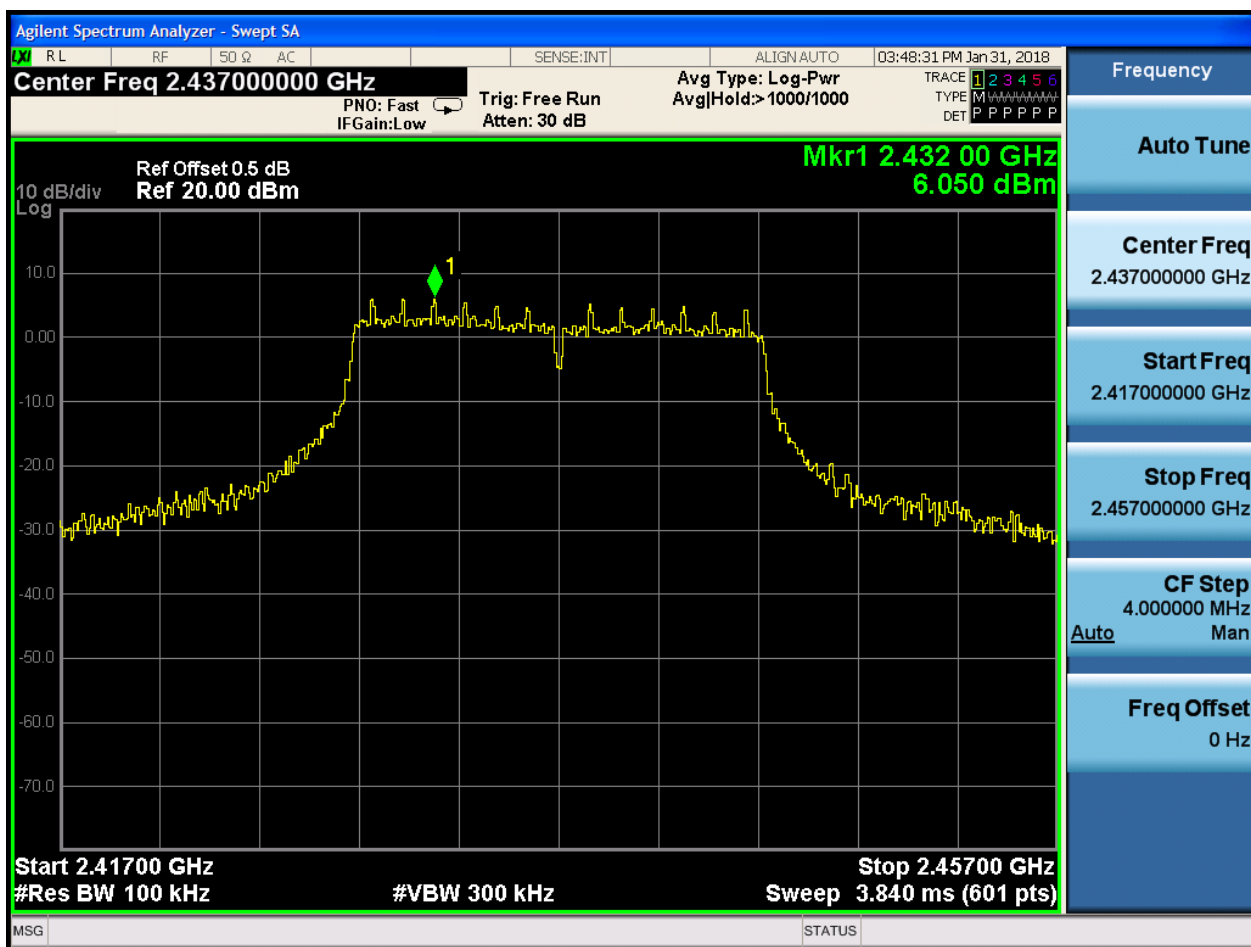






2.6 11G_M@Ant 1

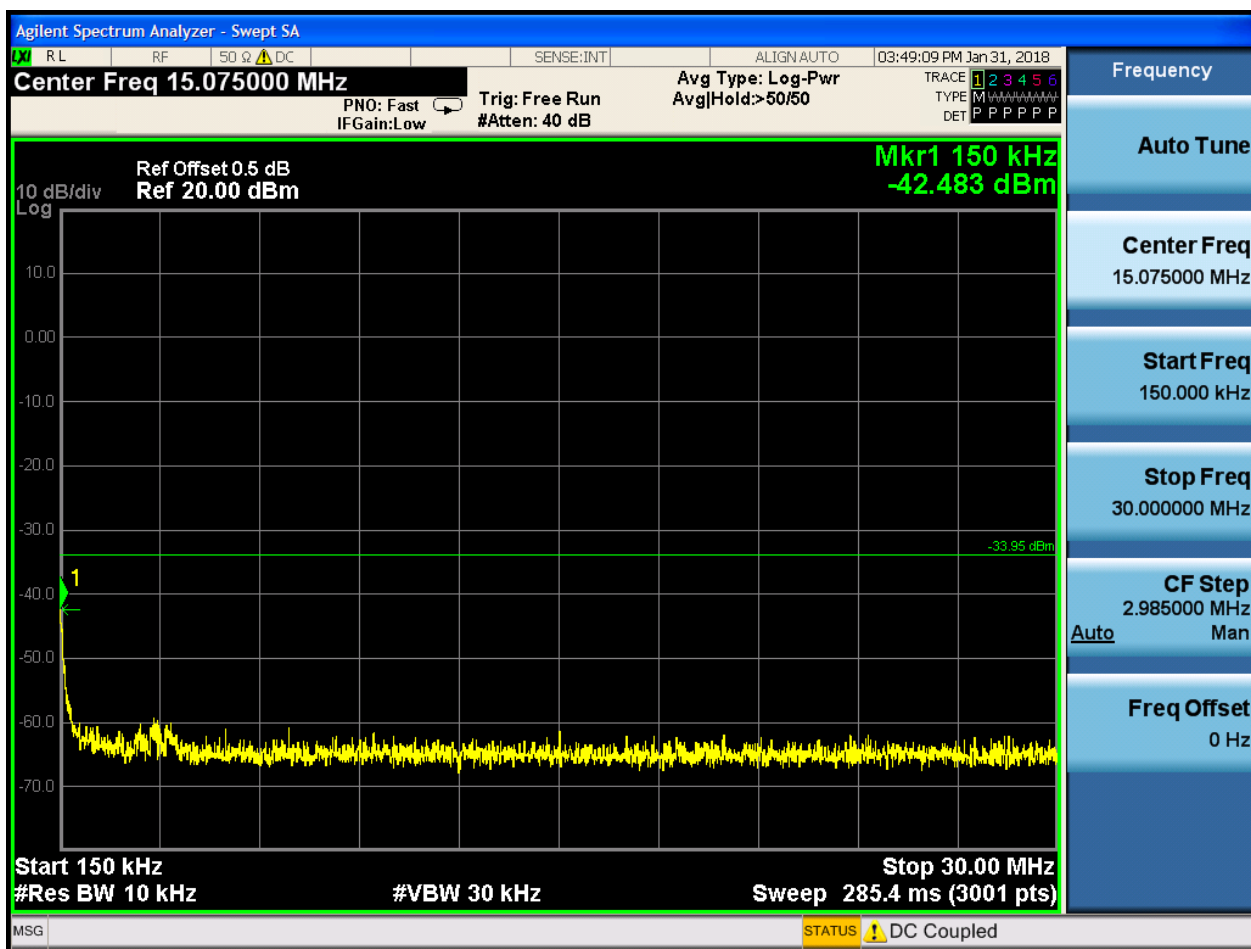
Pref:

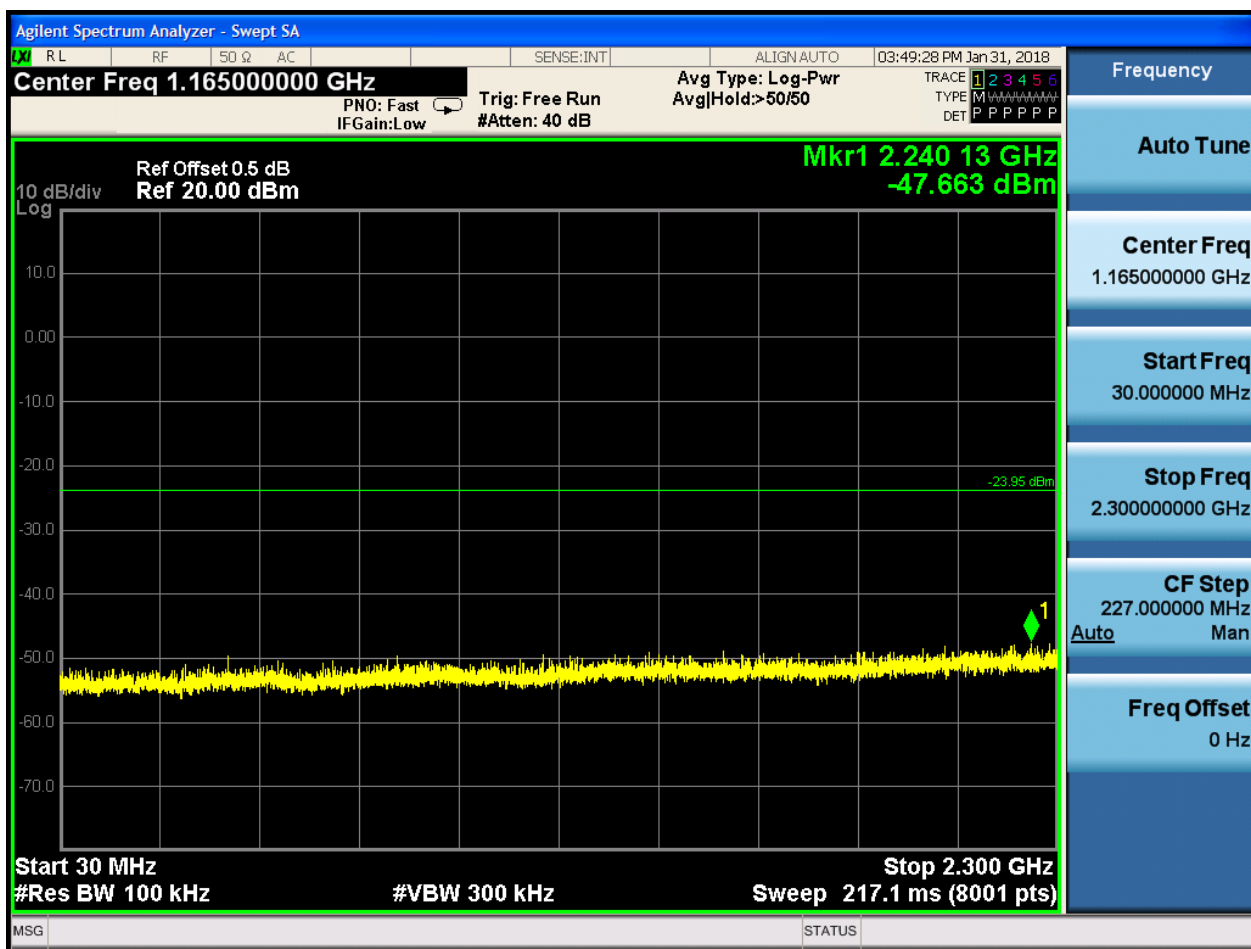


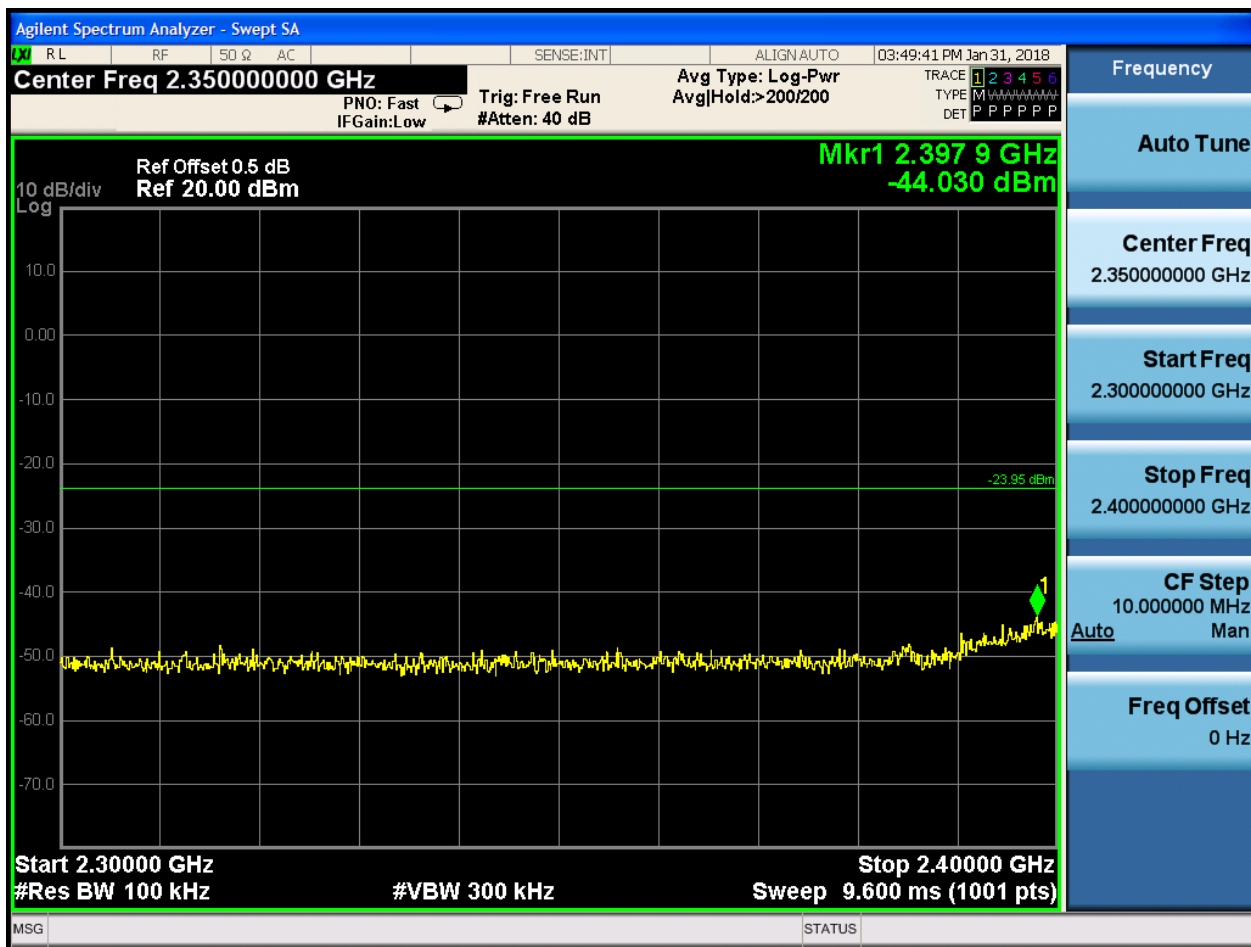


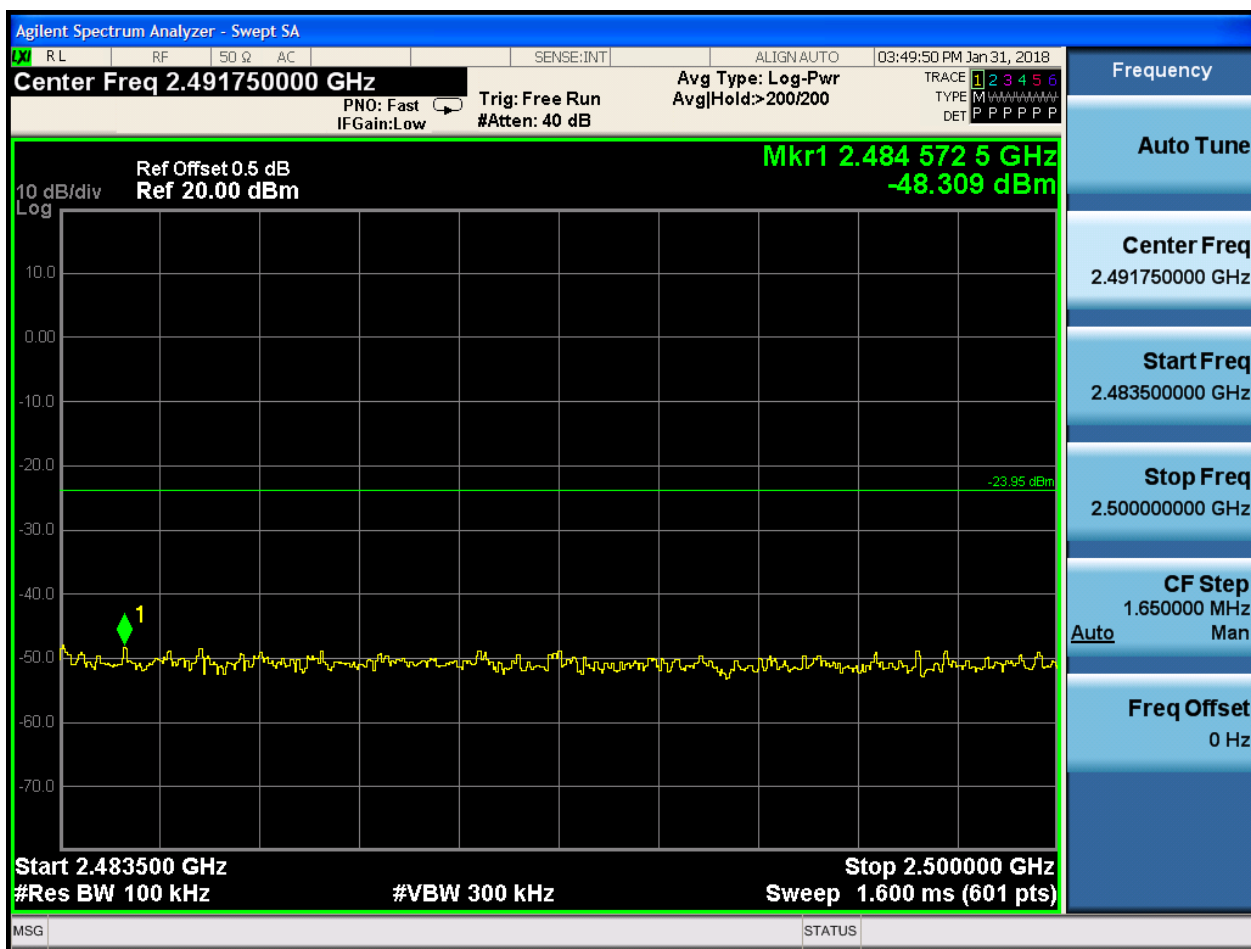
Puw:

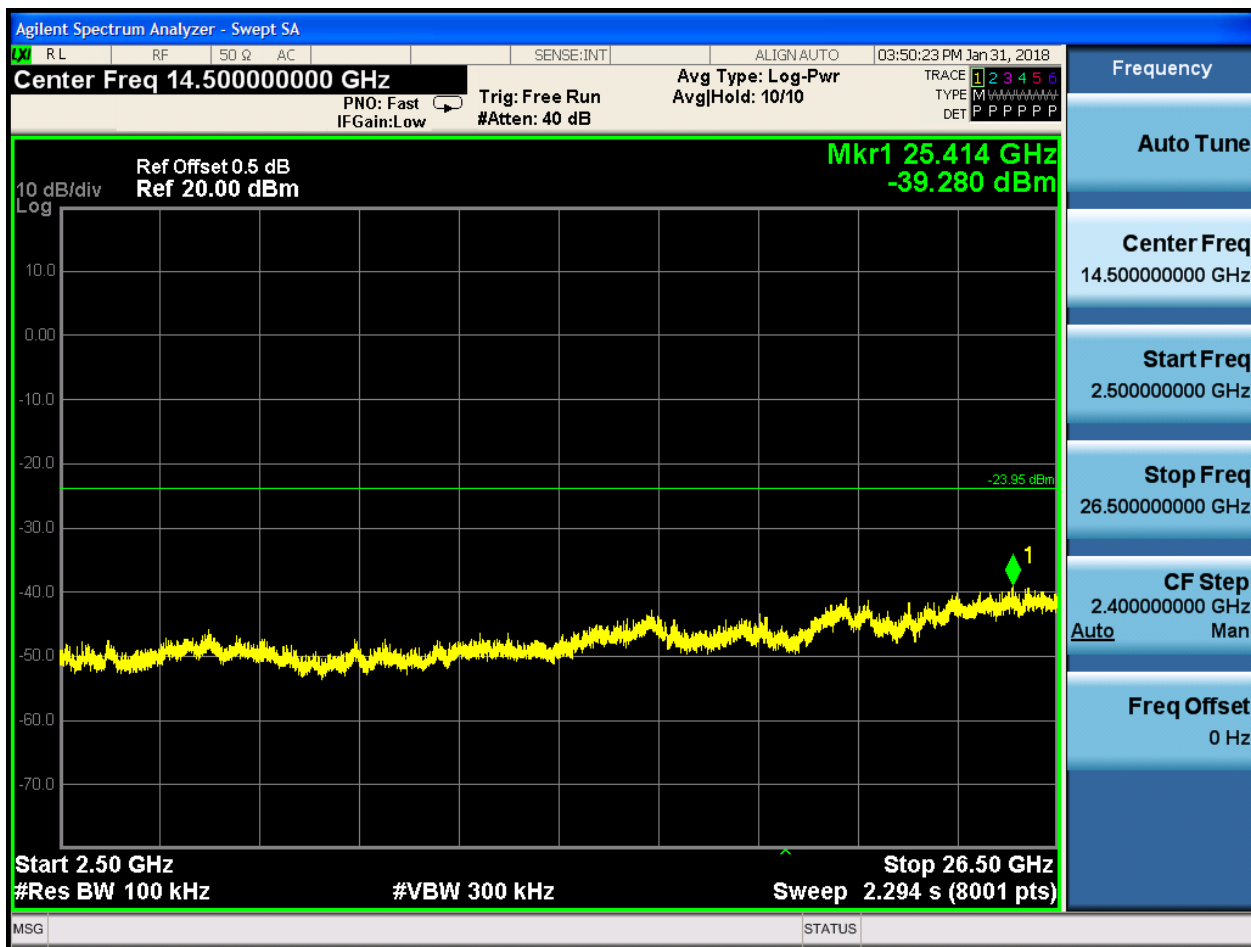








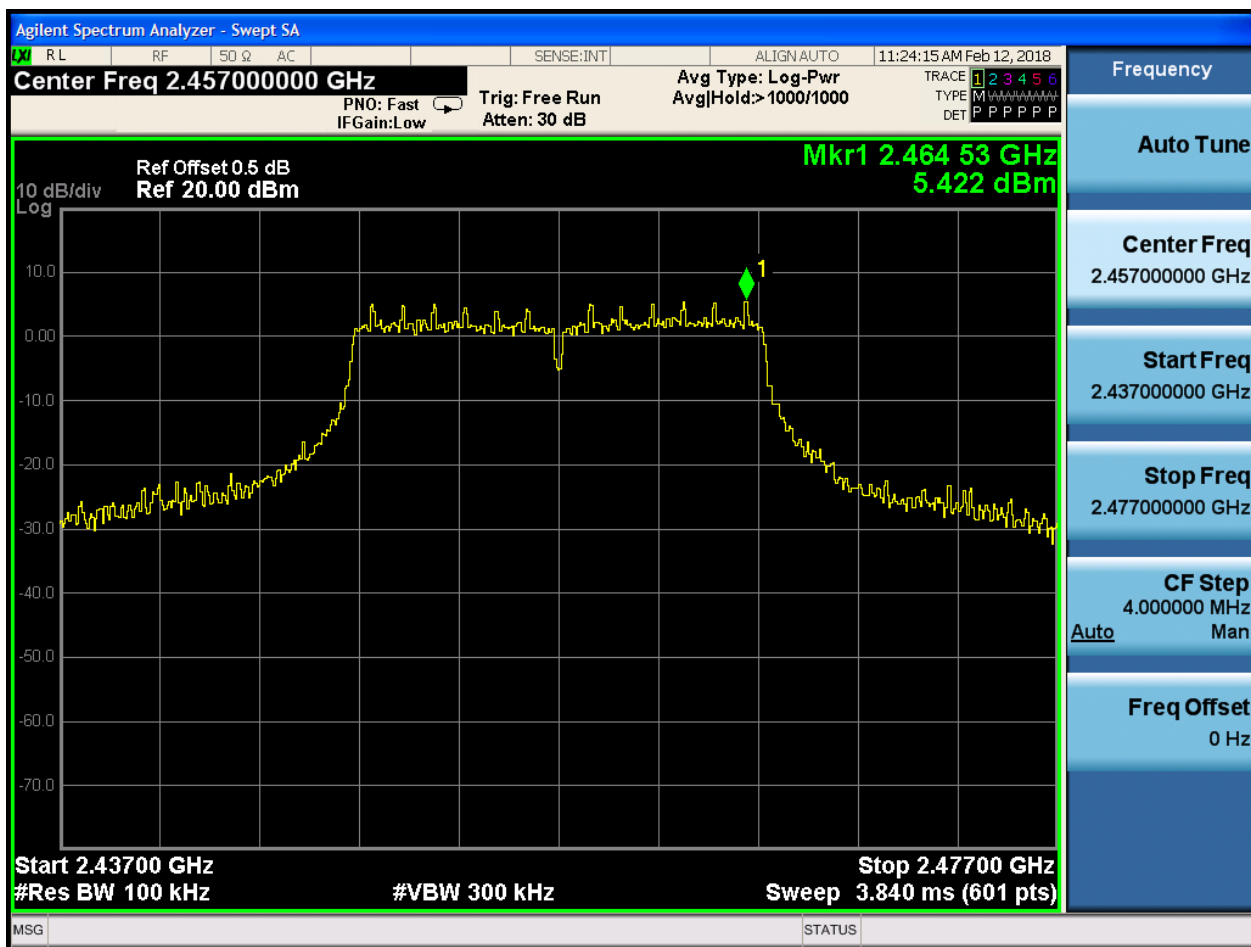






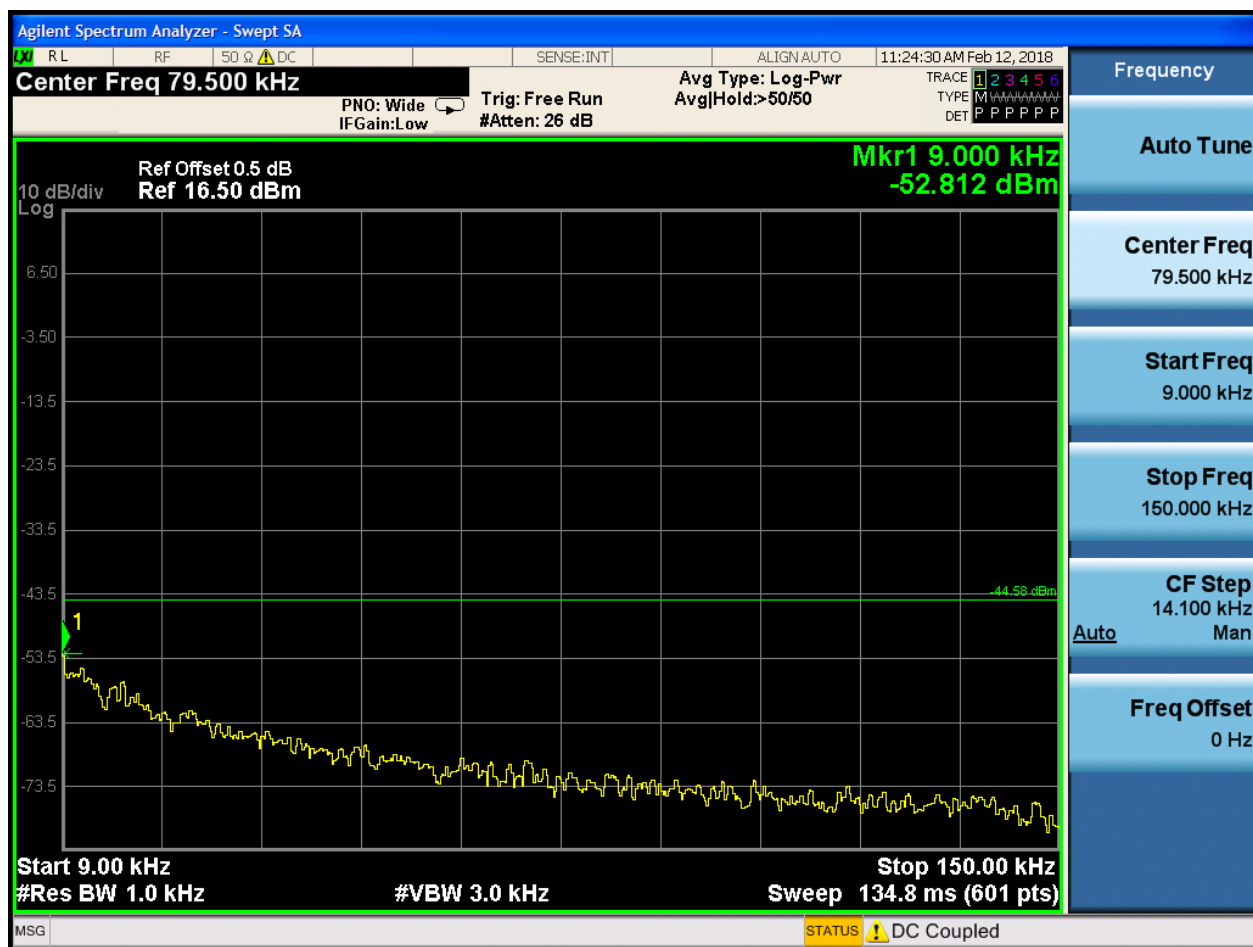
2.7 11G_H_2457@Ant 1

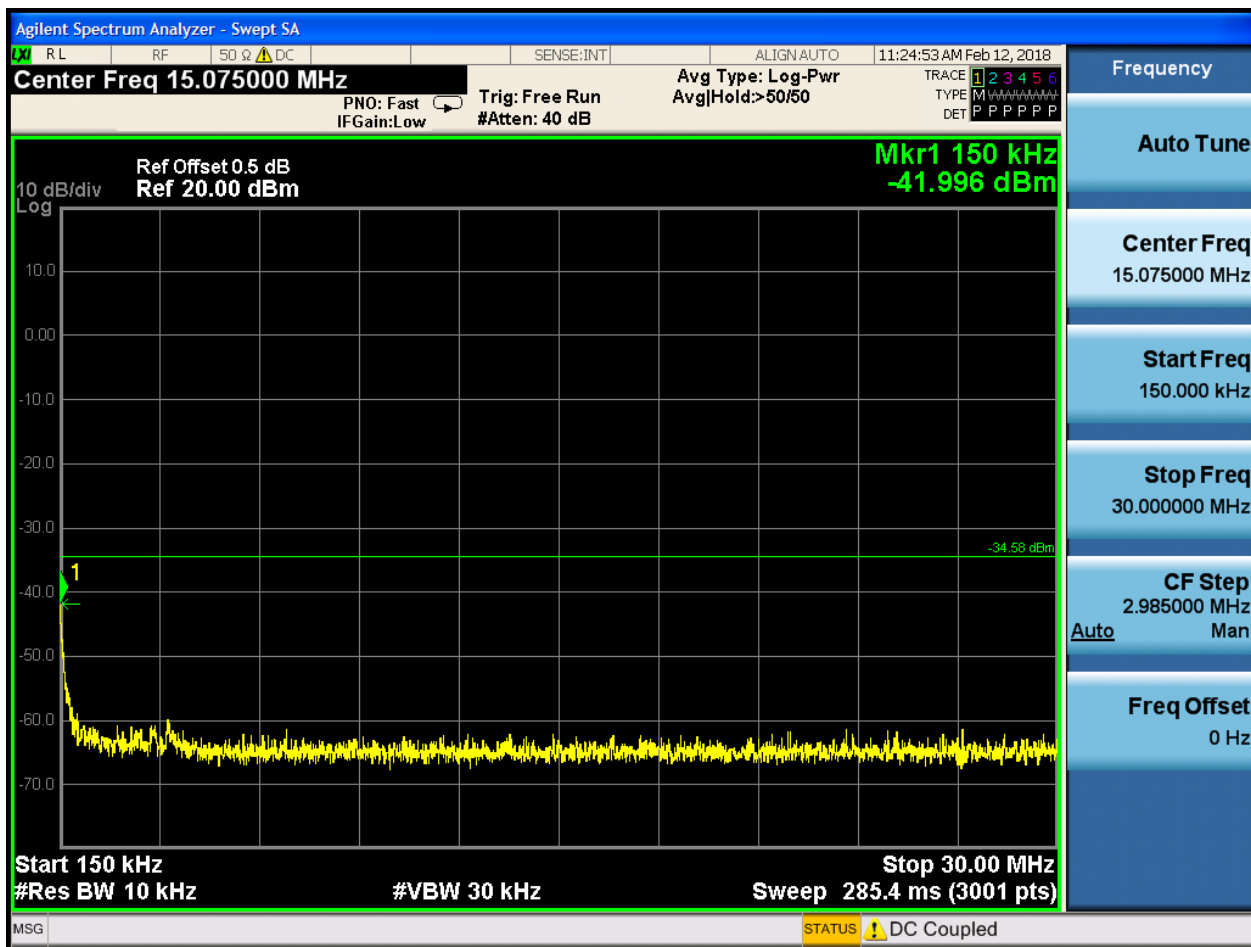
Pref:

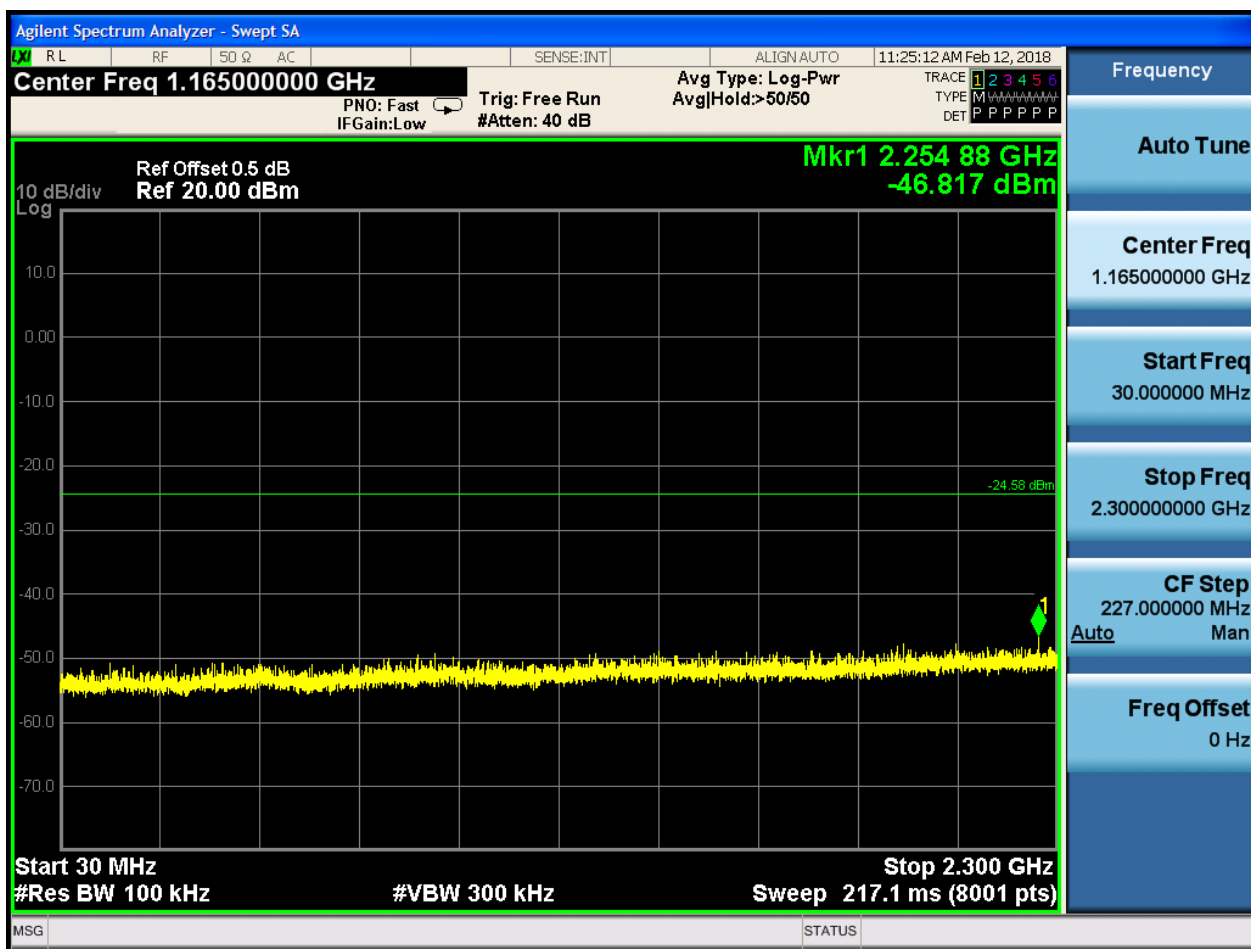


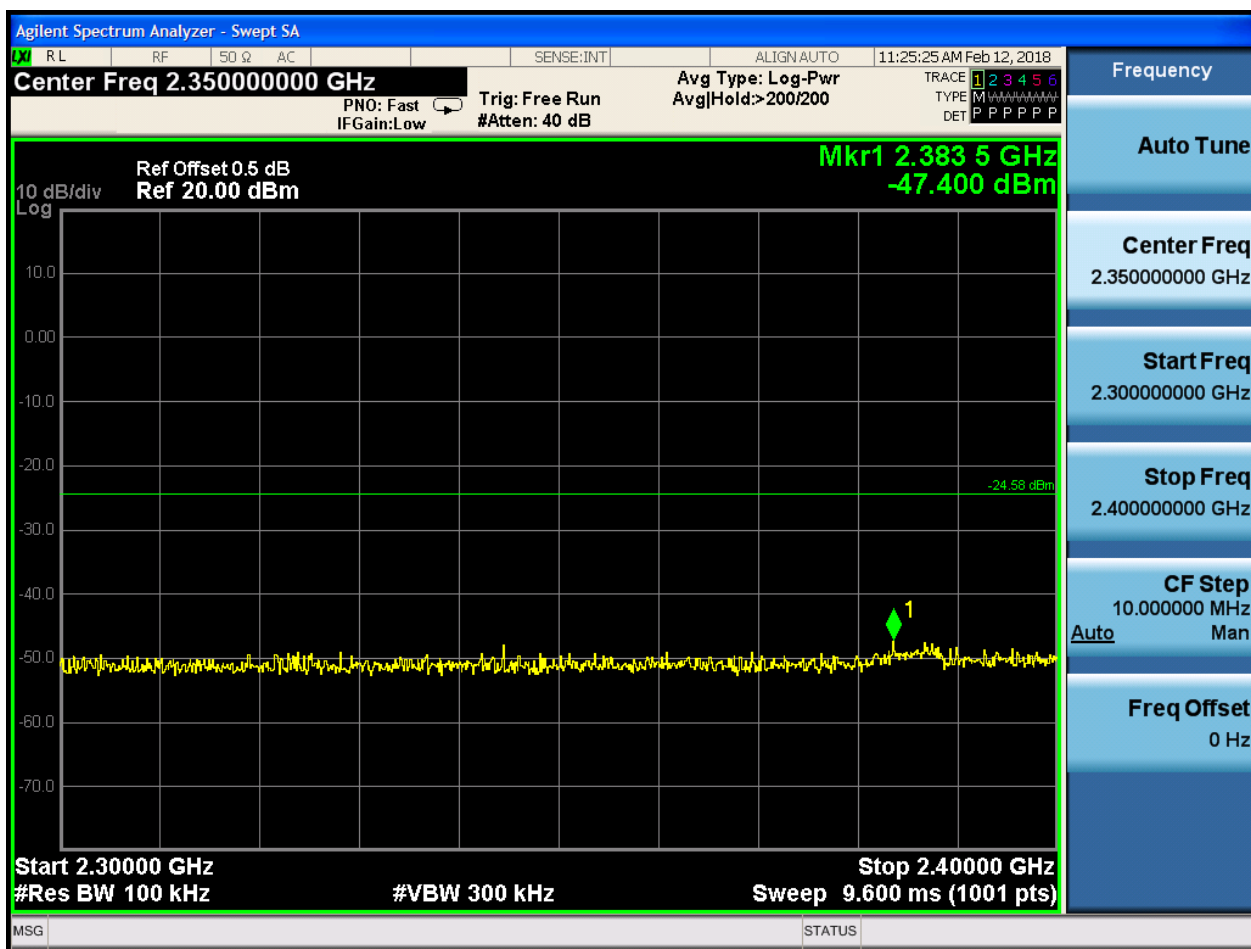


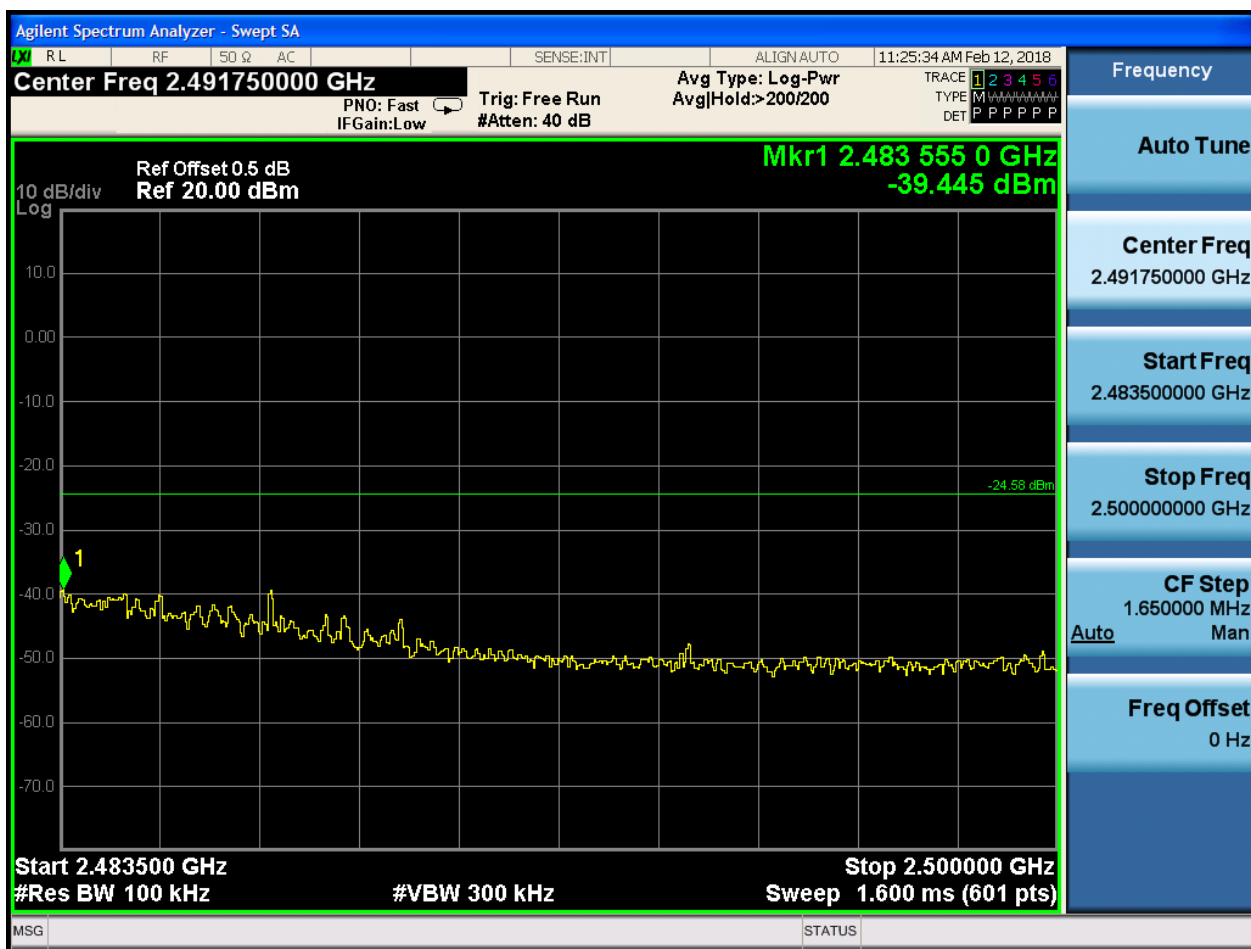
Puw:

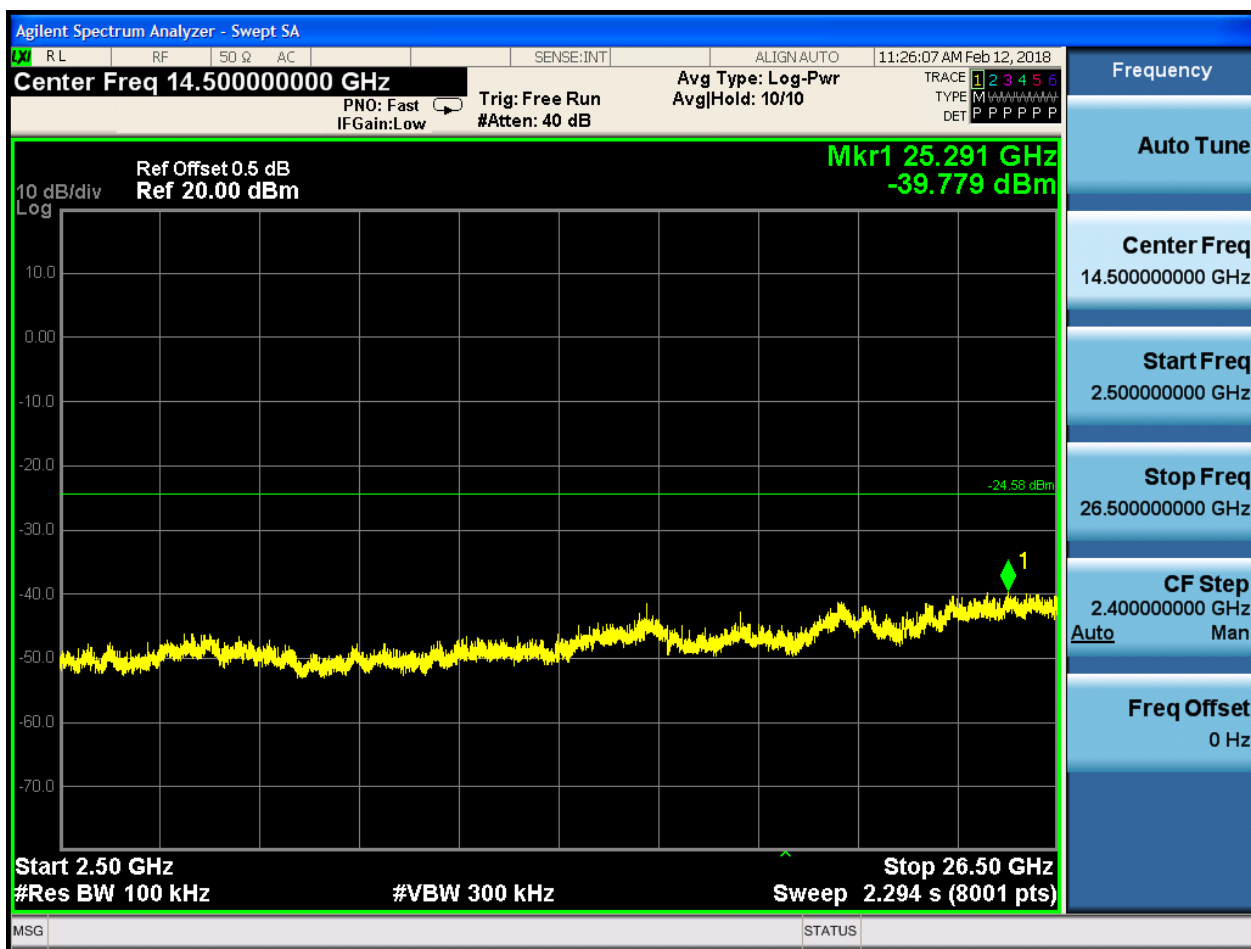








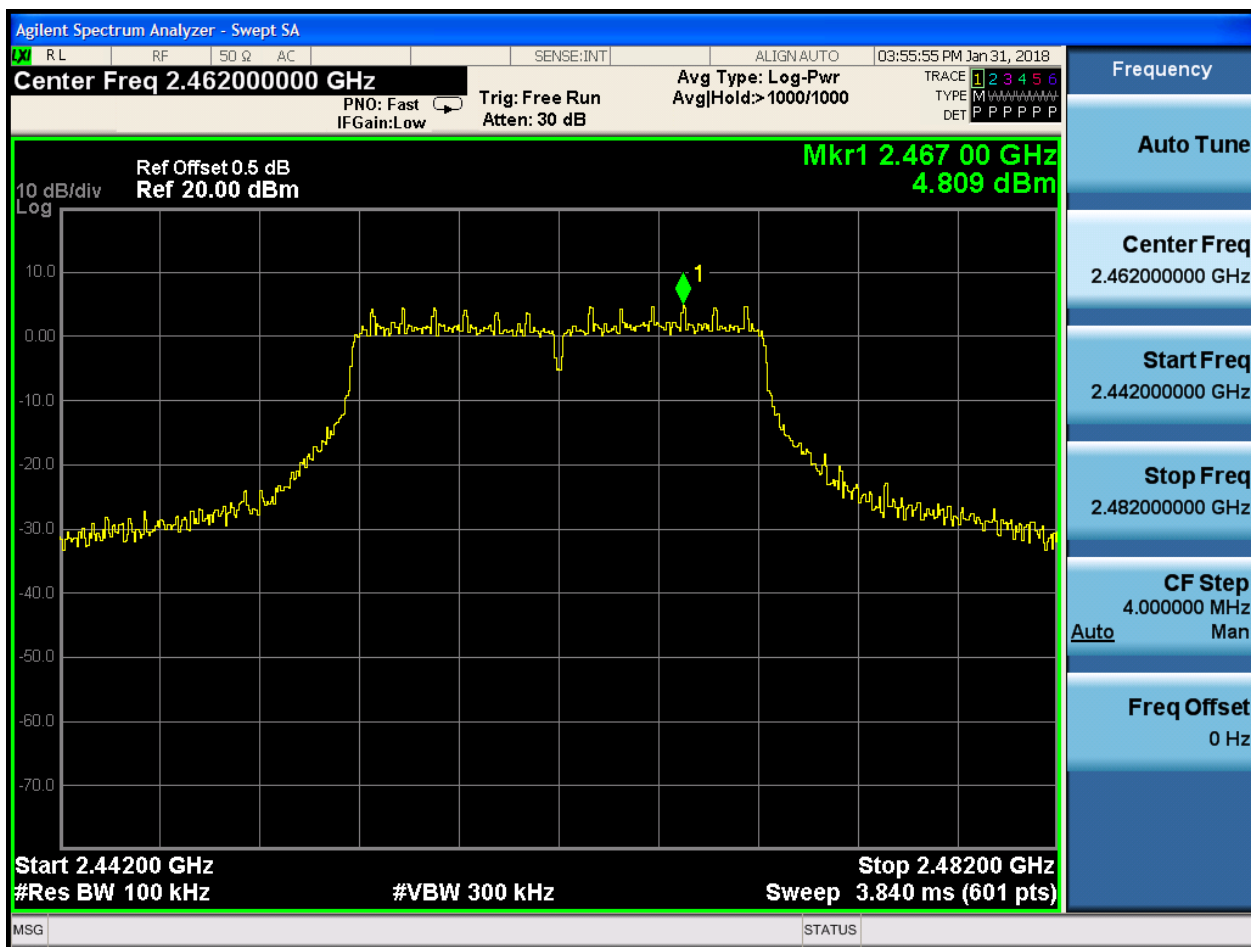






2.8 11G_H_2462@Ant 1

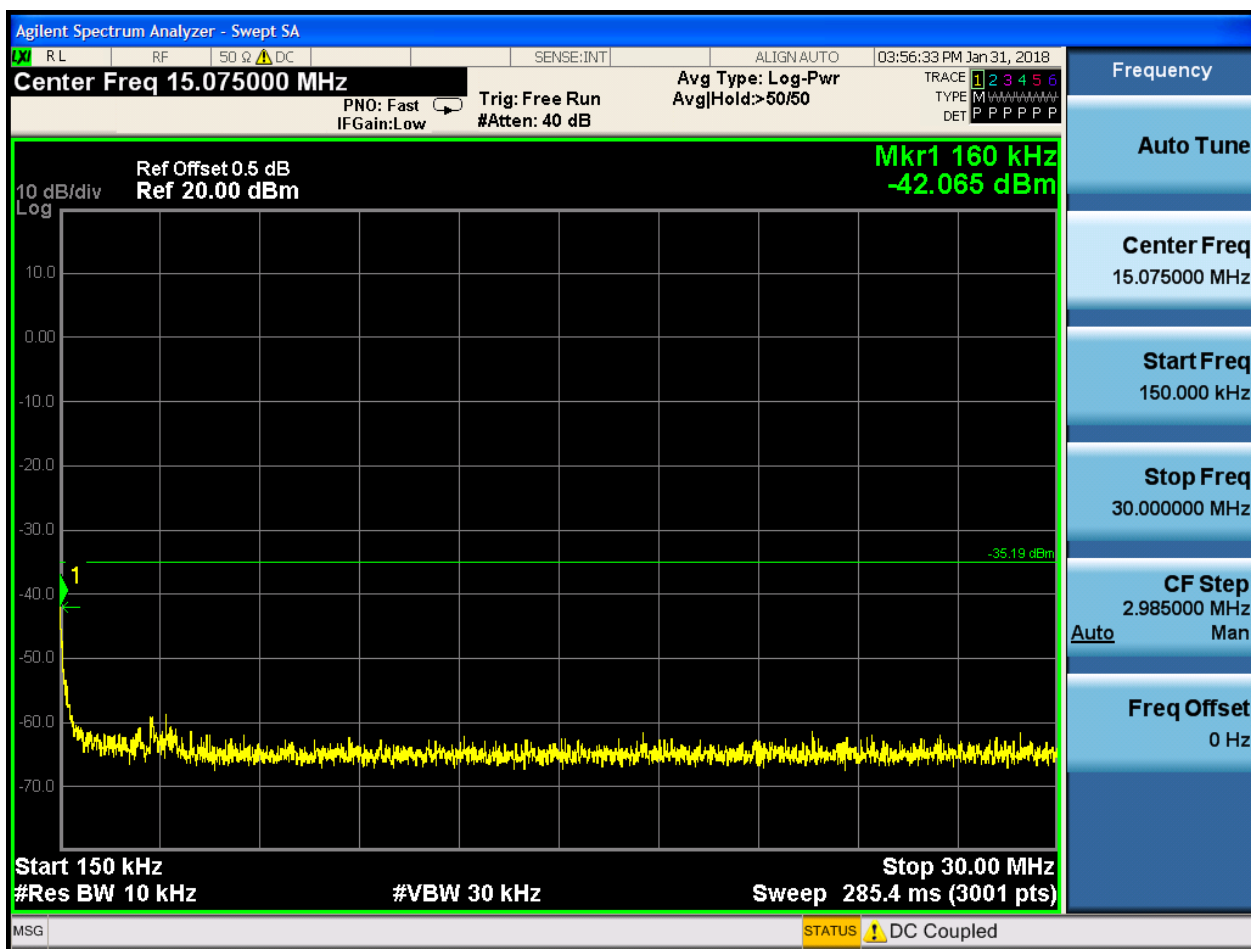
Pref:

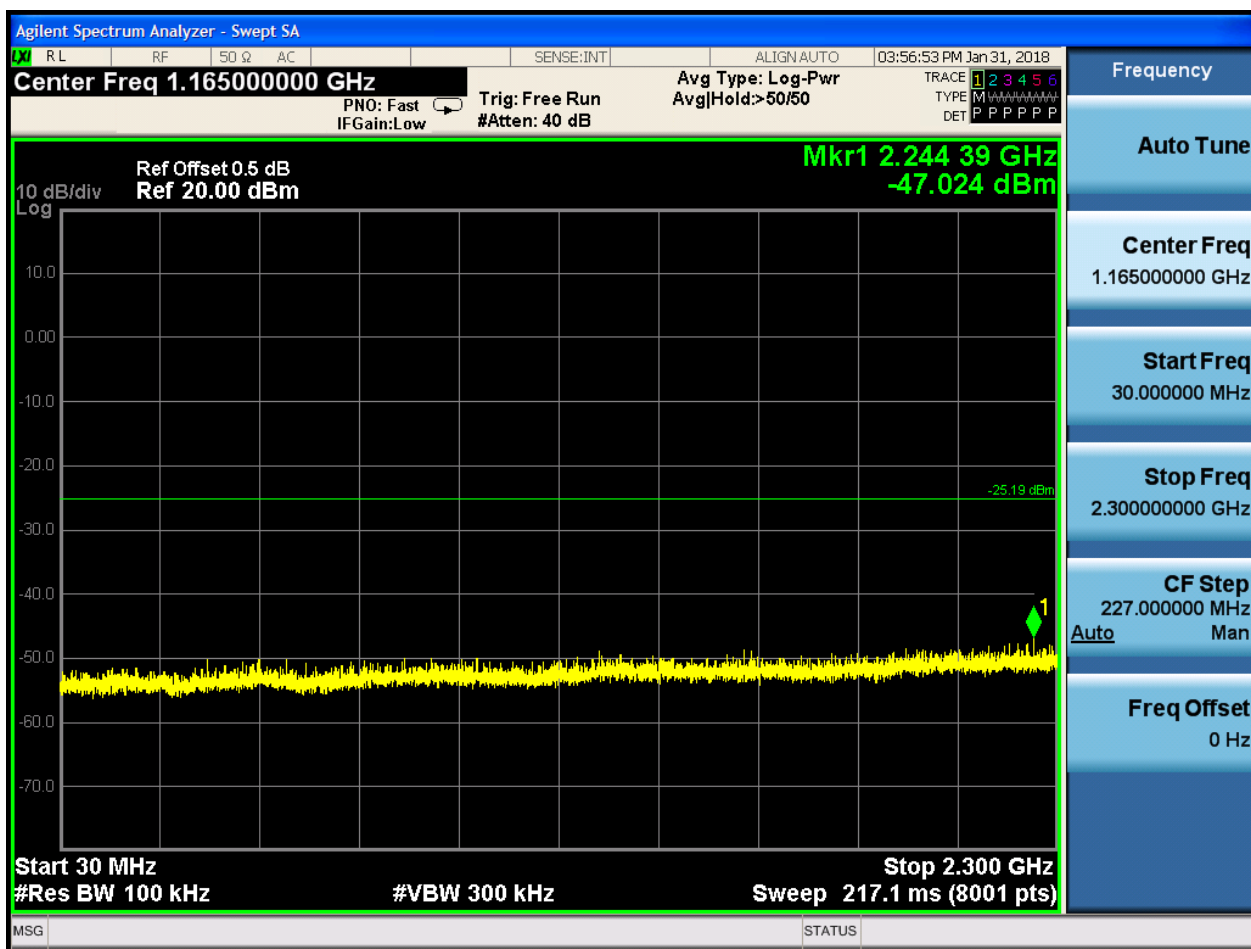


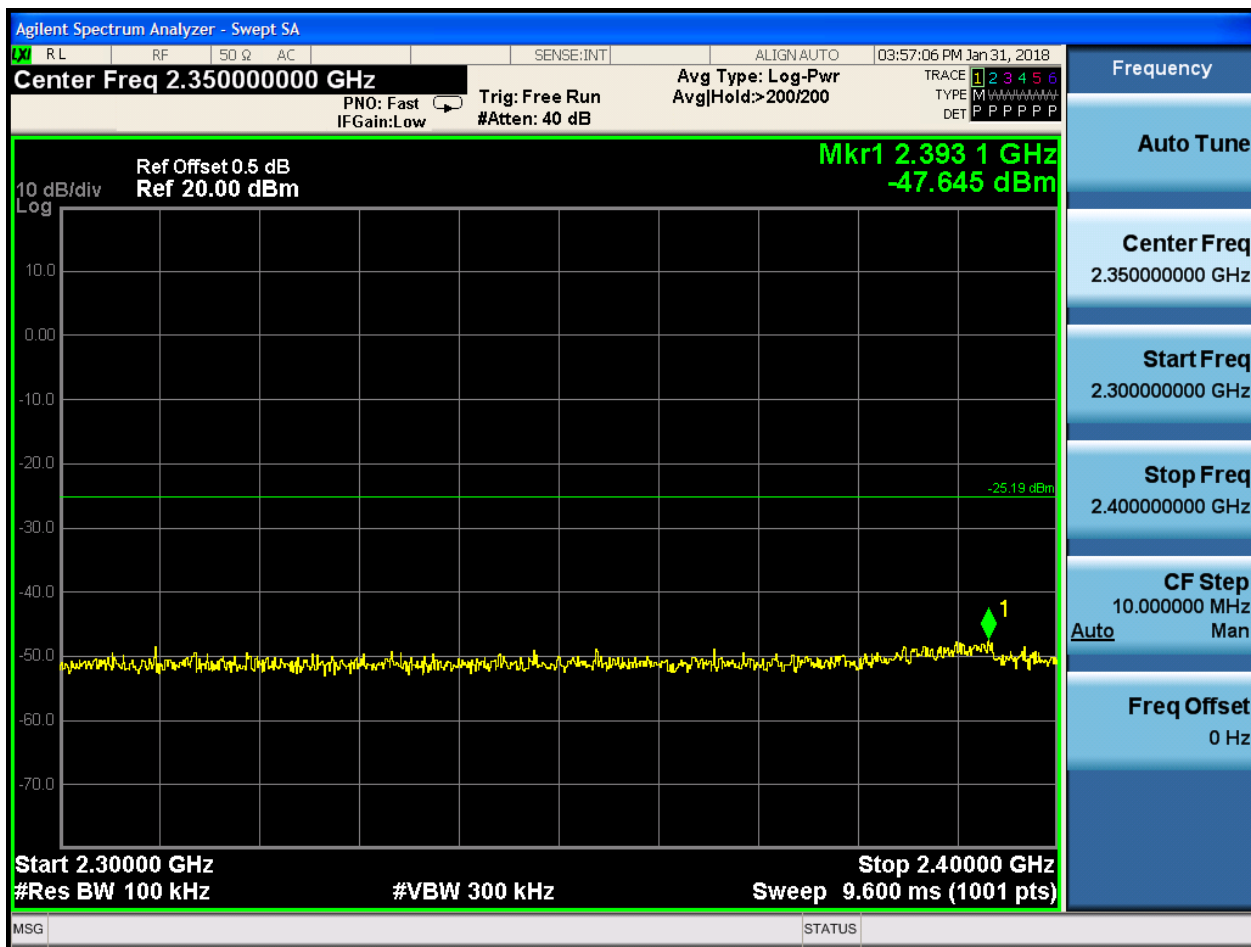


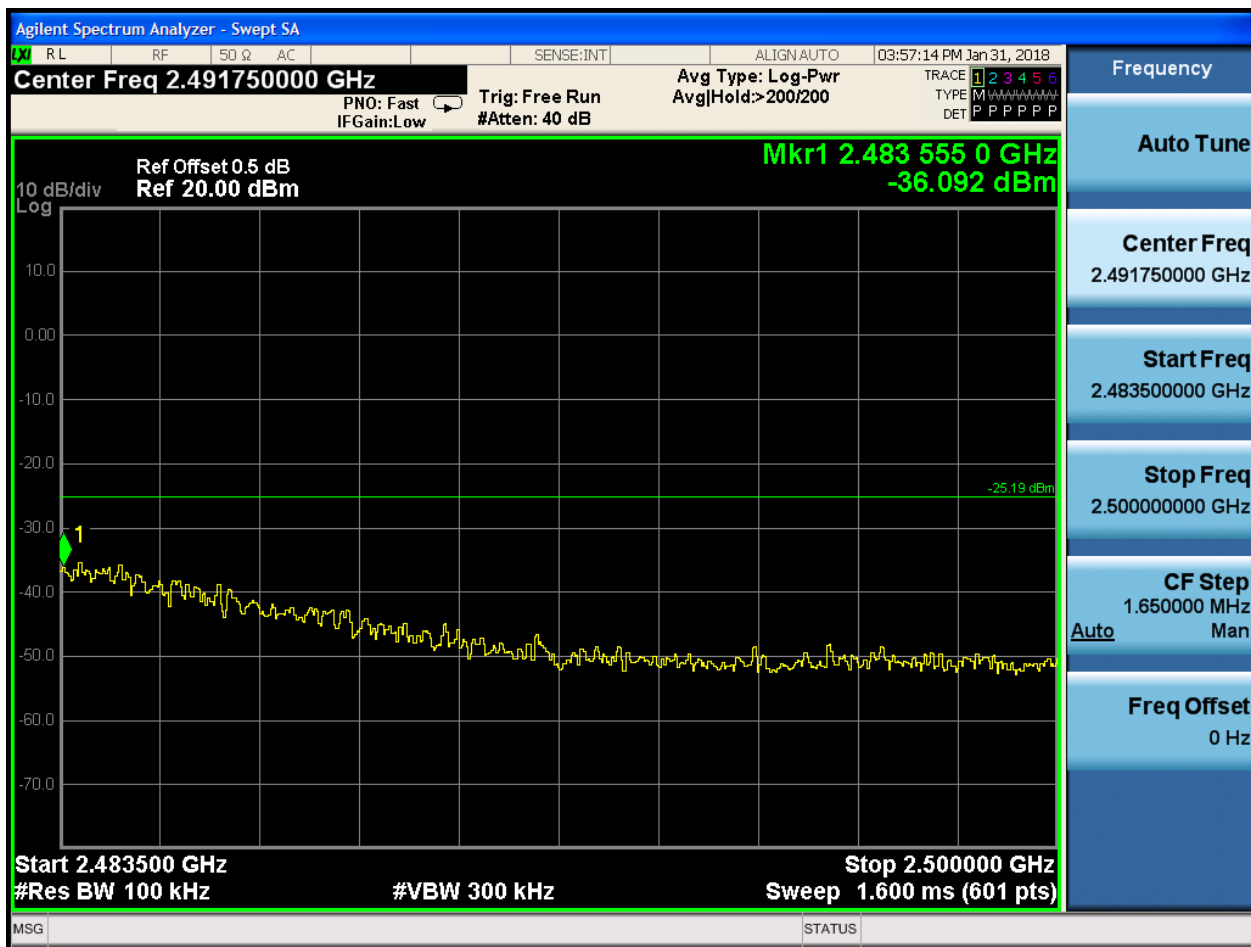
Puw:

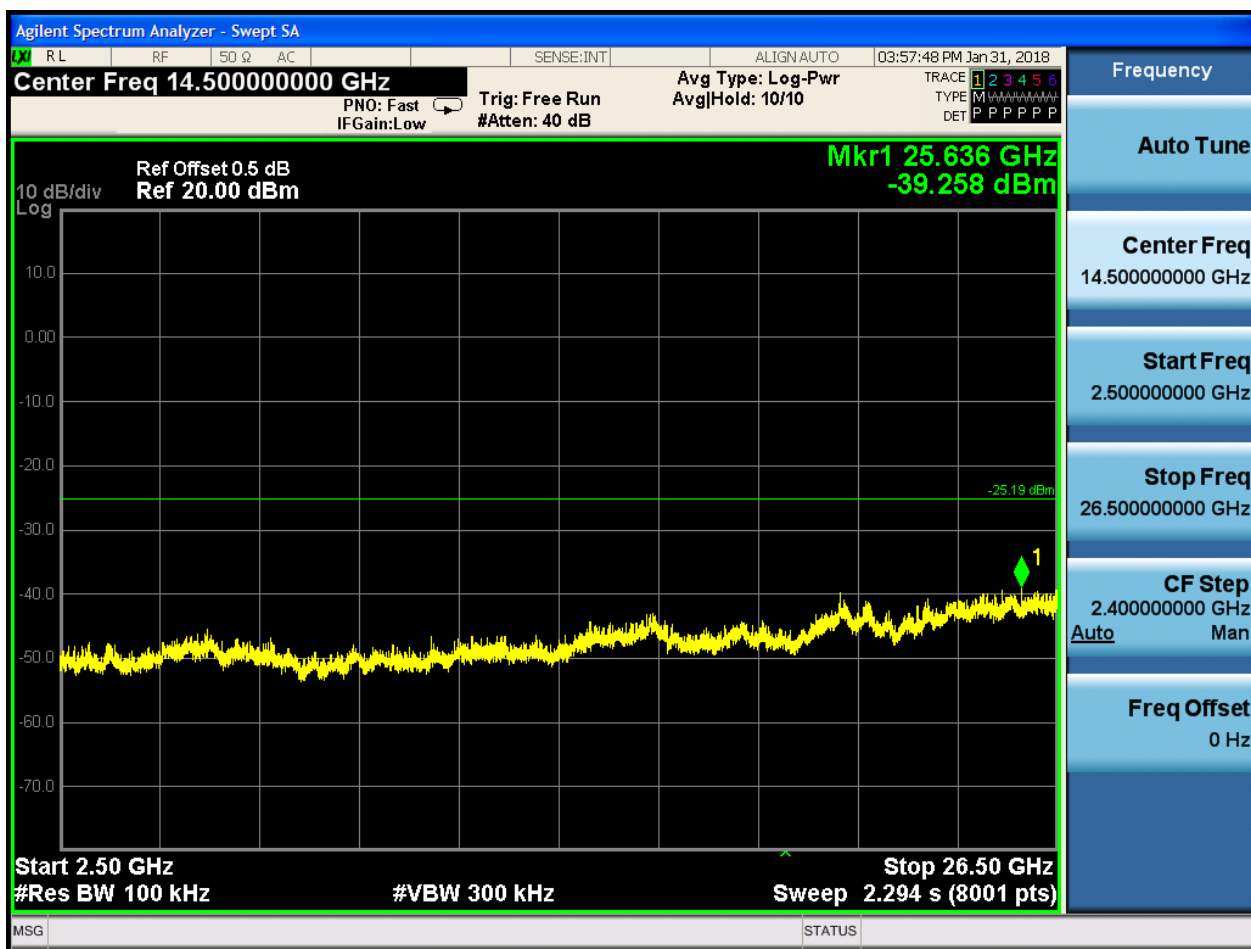








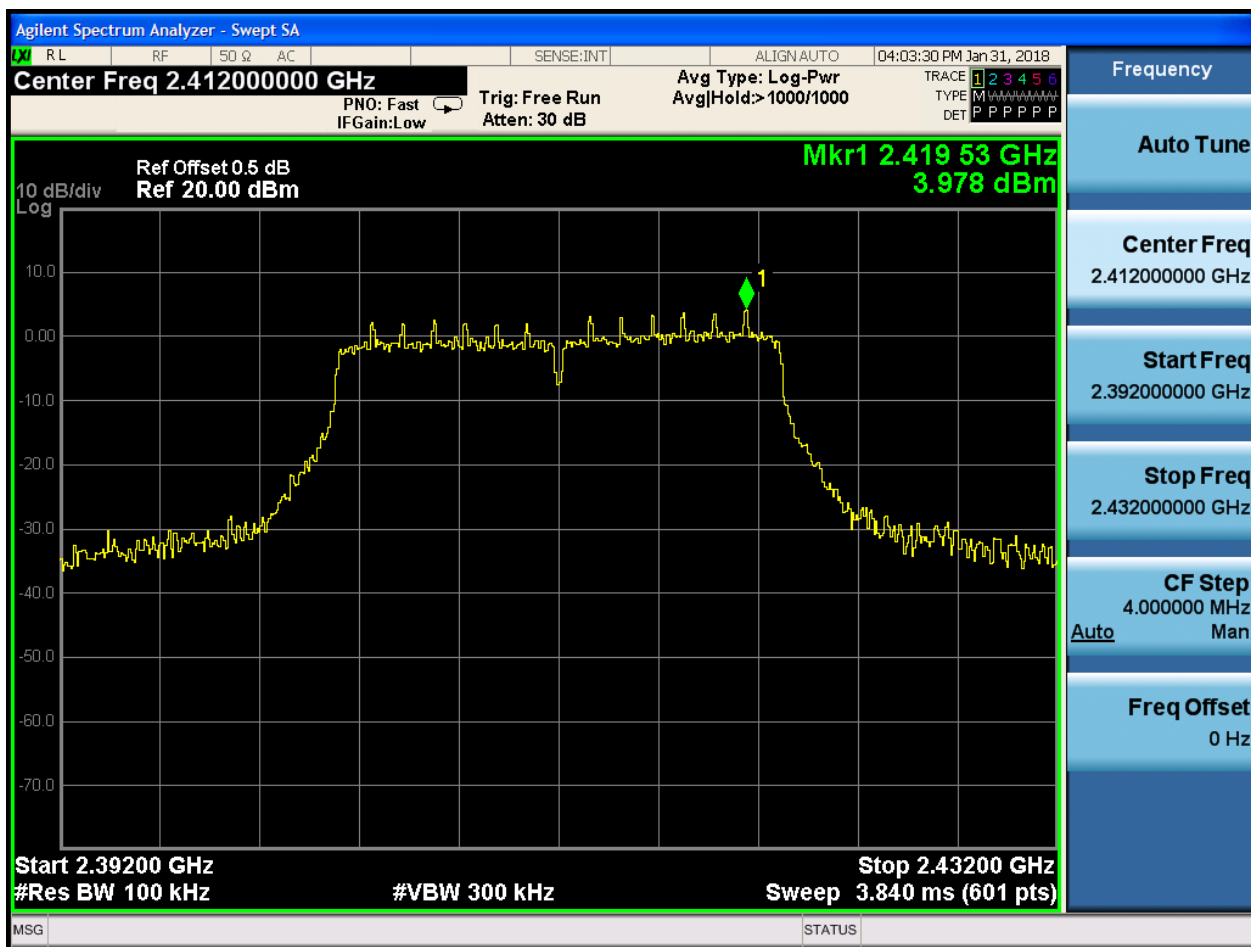






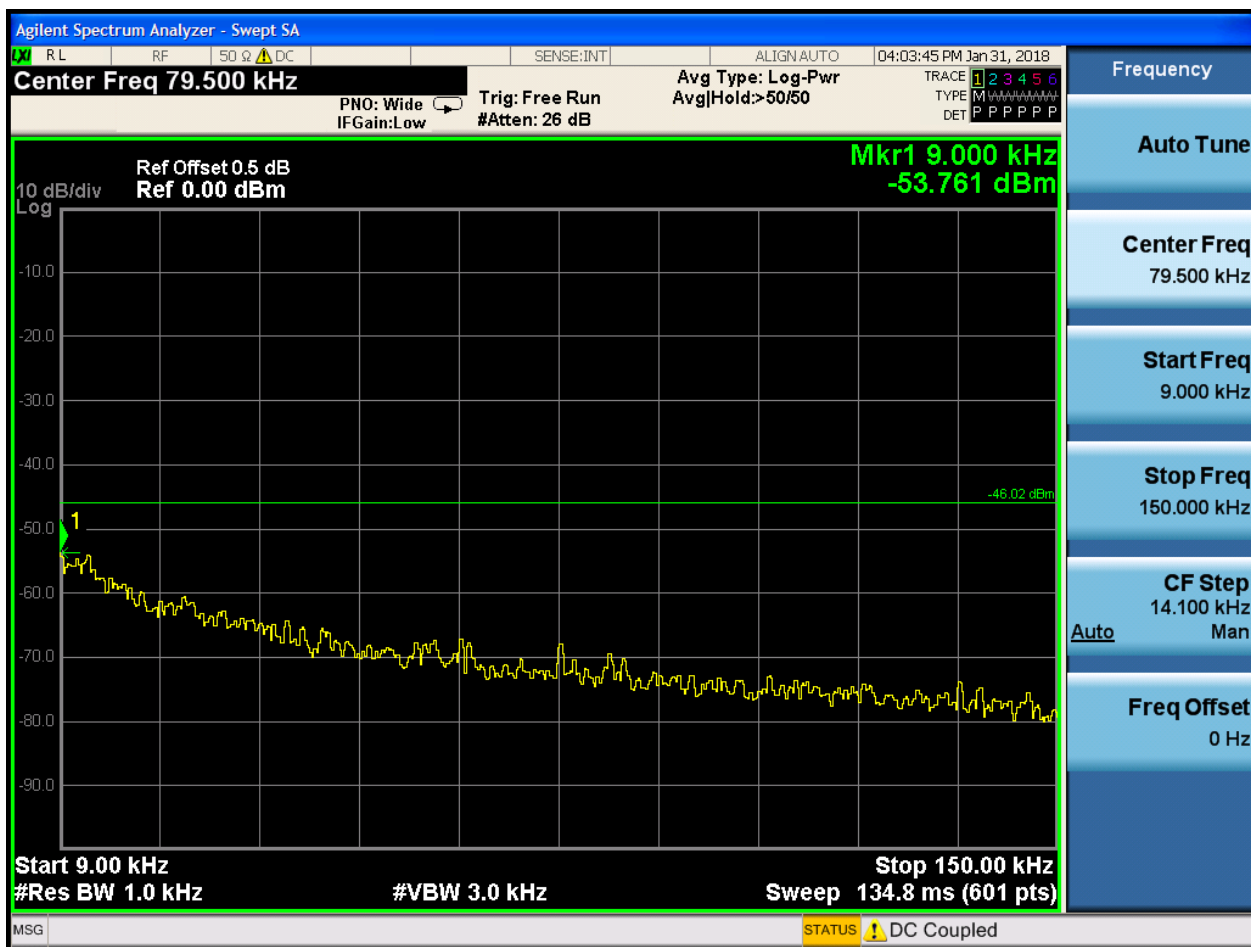
2.9 11N20_L@Ant 1

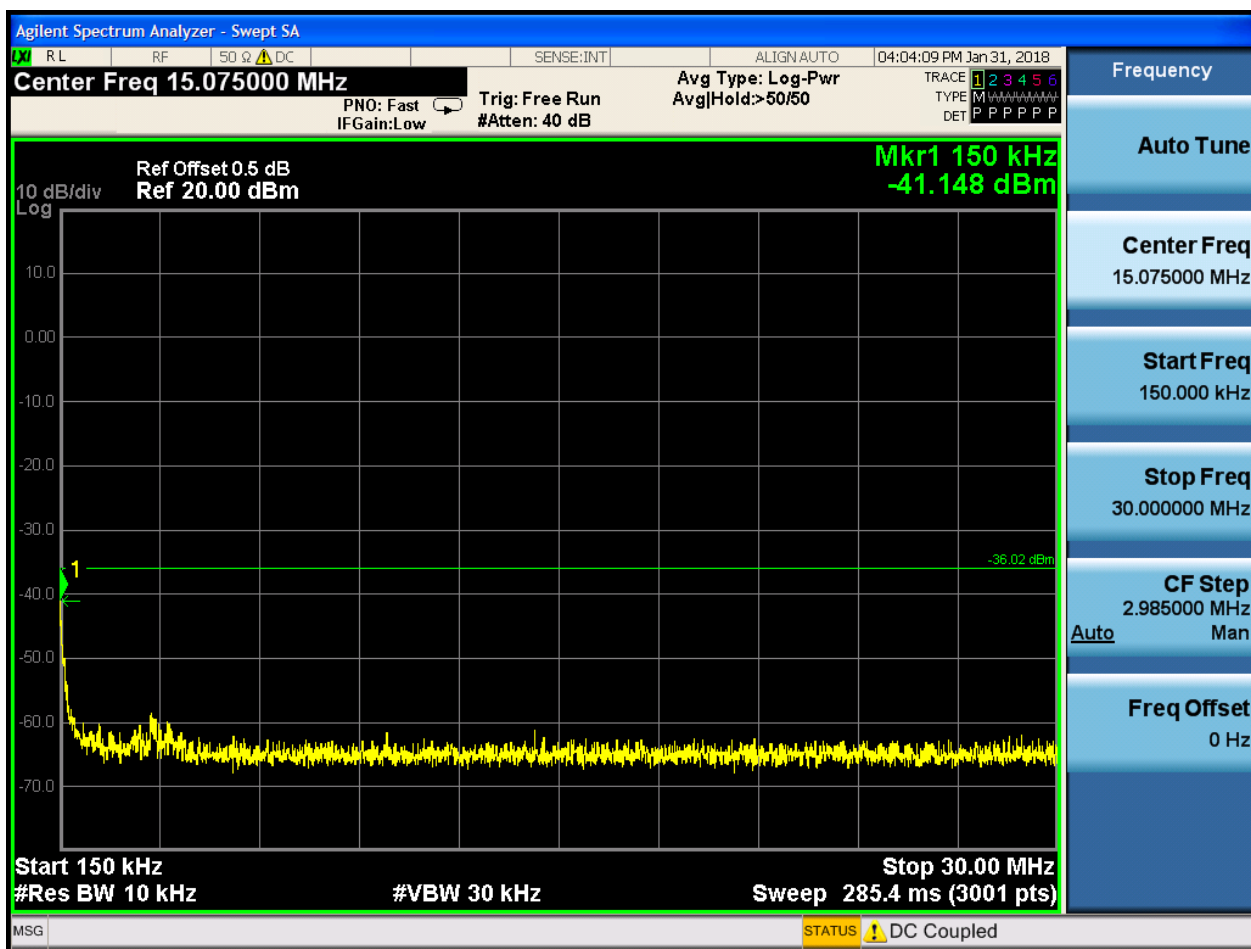
Pref:

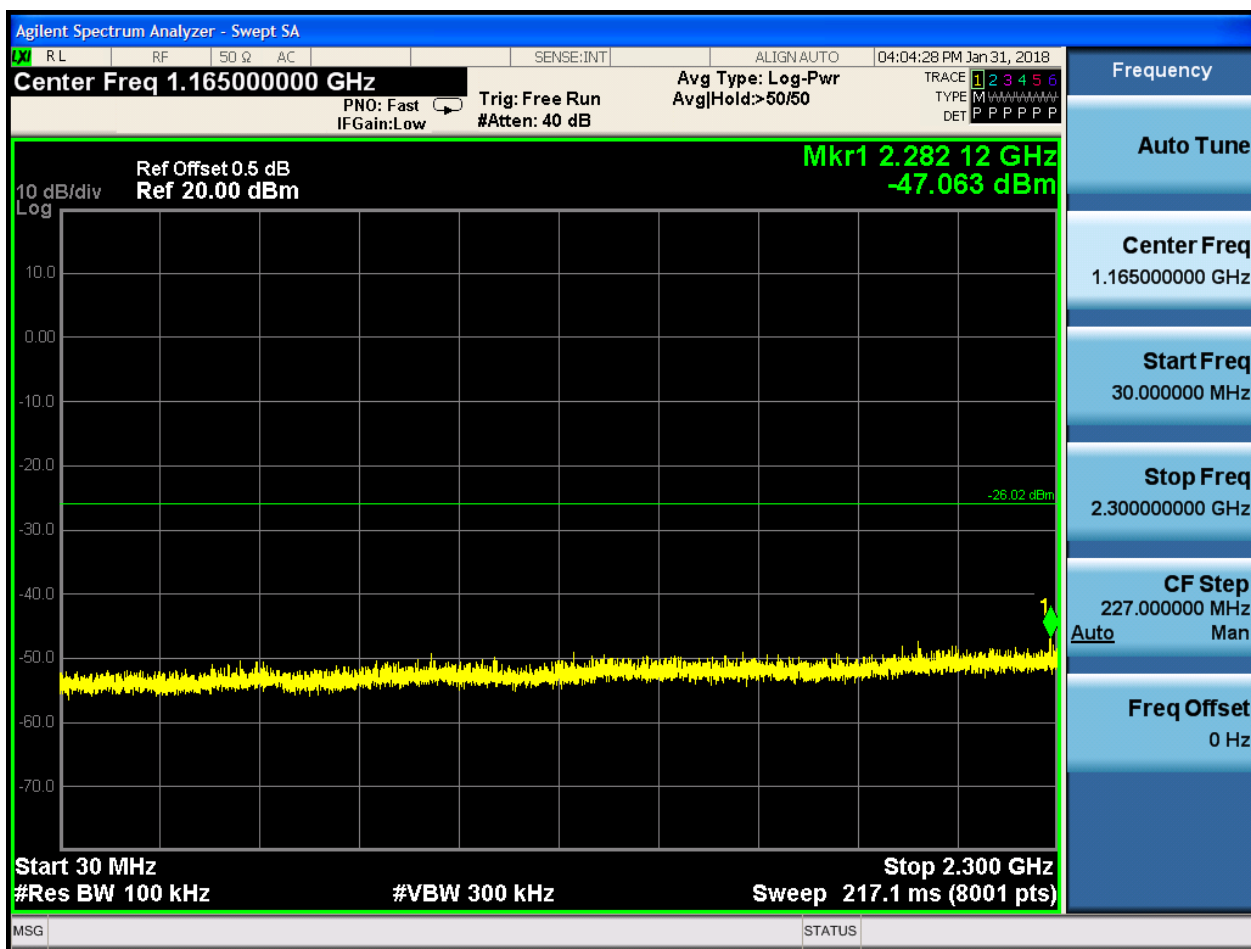


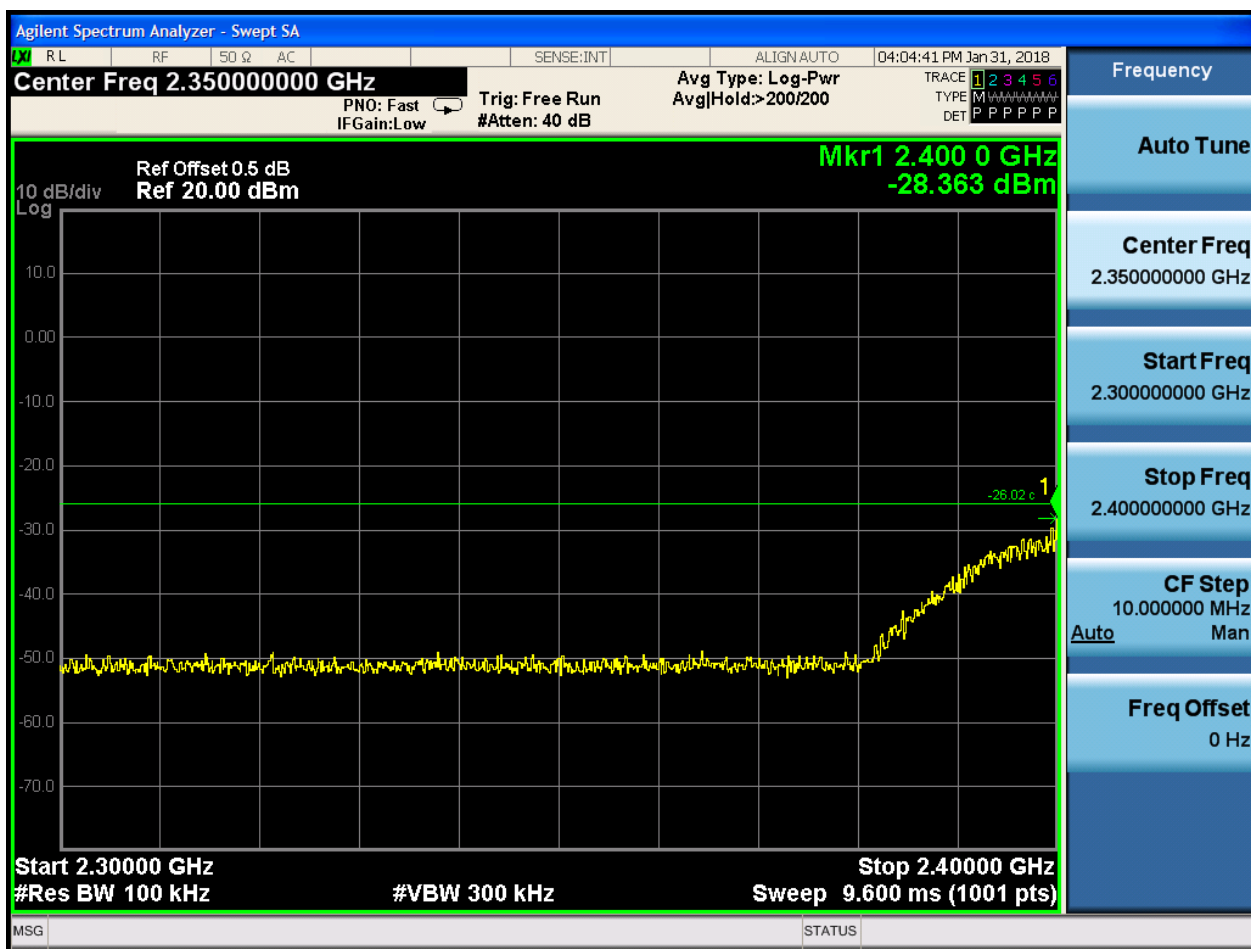


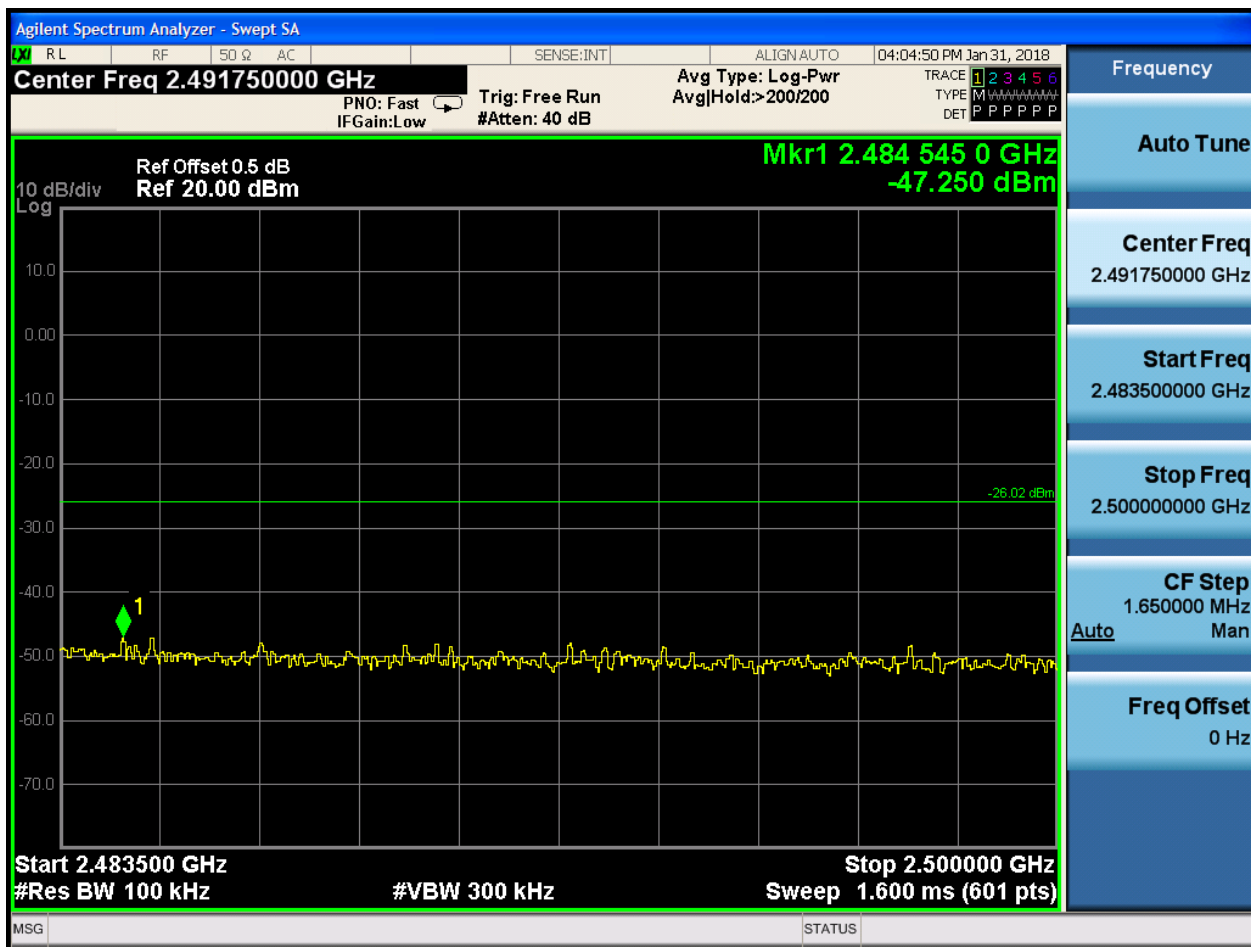
Puw:

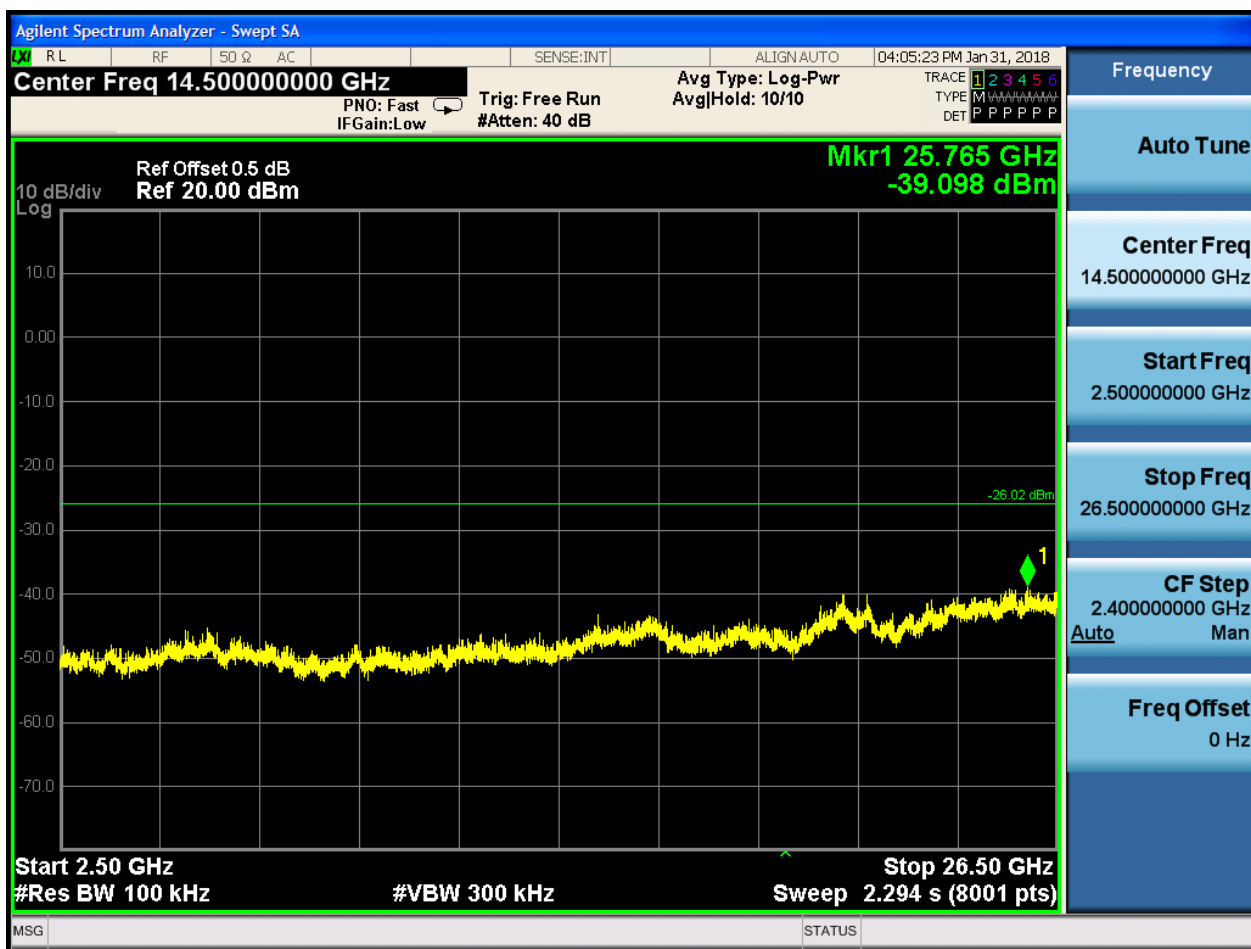








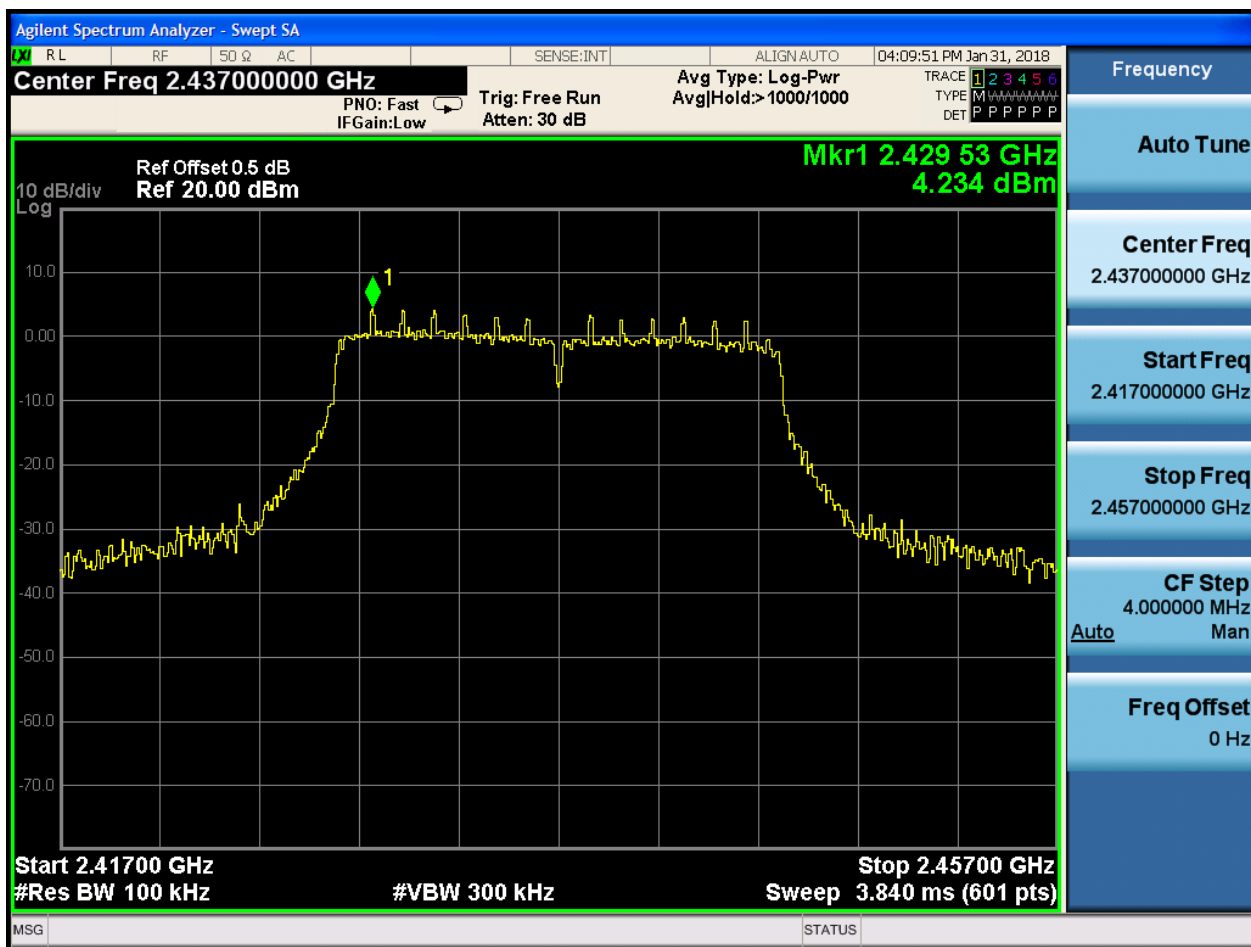






2.10 11N20_M@Ant 1

Pref:





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 04:10:06 PM Jan 31, 2018

Center Freq 79.500 kHz

PNO: Wide IFGain:Low Trig: Free Run #Atten: 26 dB

Avg Type: Log-Pwr Avg/Hold: >50/50

TRACE 1 2 3 4 5 6
TYPE M
DET P P P P P P

Ref Offset 0.5 dB
Ref 0.00 dBm

Mkr1 9.000 kHz
-54.819 dBm

10 dB/div
Log

-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
Sweep 134.8 ms (601 pts)

#VBW 3.0 kHz

Auto Tune

Center Freq
79.500 kHz

Start Freq
9.000 kHz

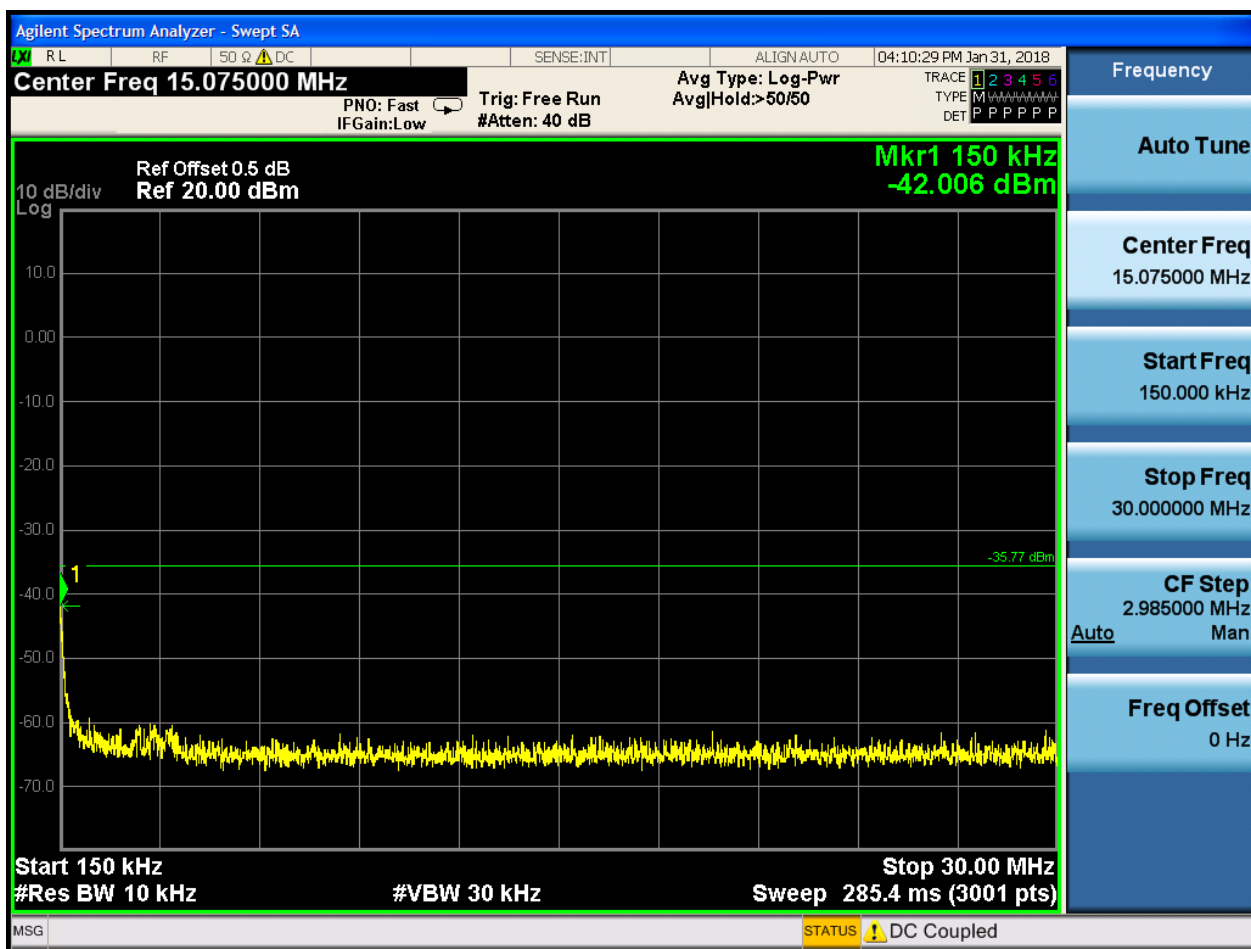
Stop Freq
150.000 kHz

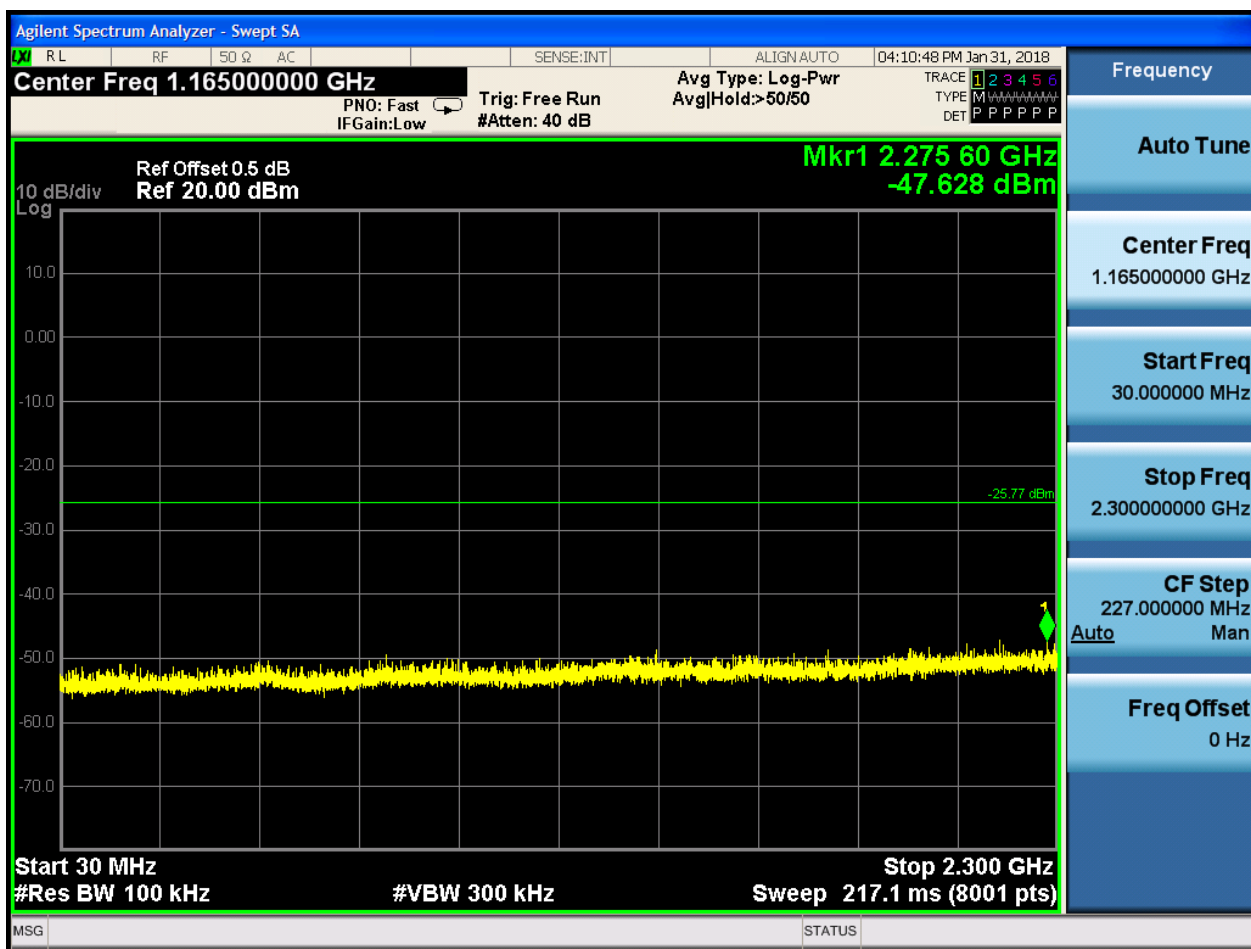
CF Step
14.100 kHz
Man

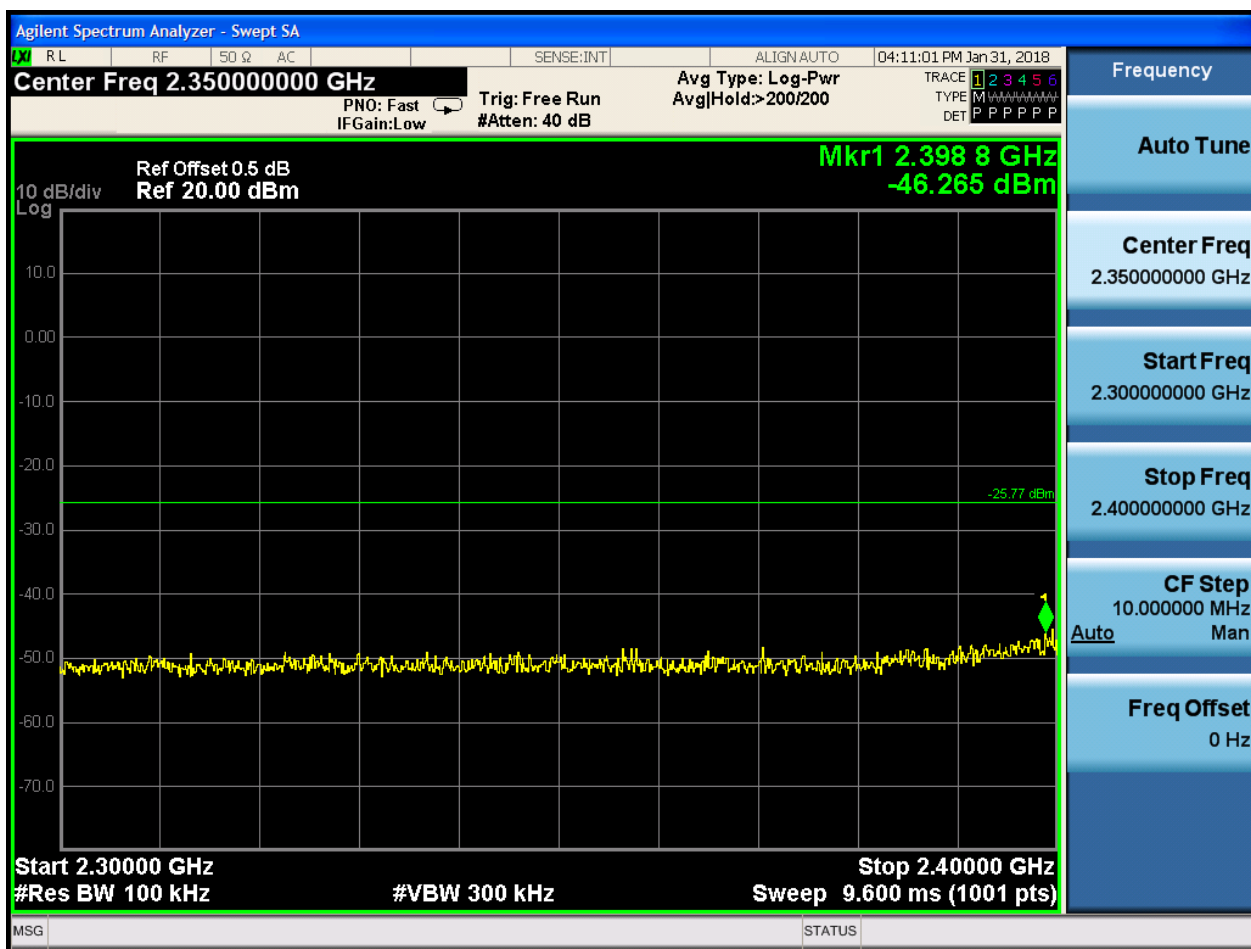
Auto

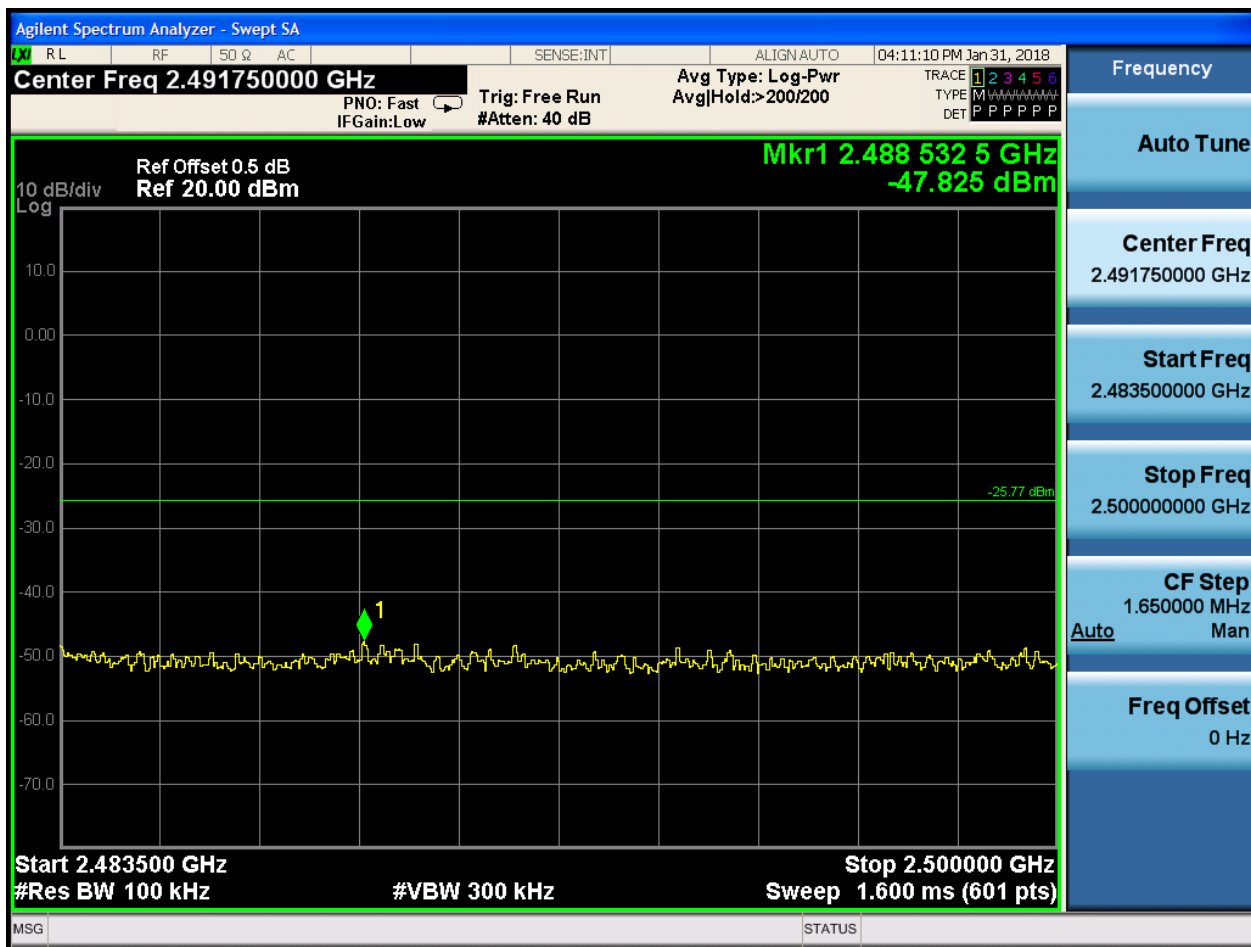
Freq Offset
0 Hz

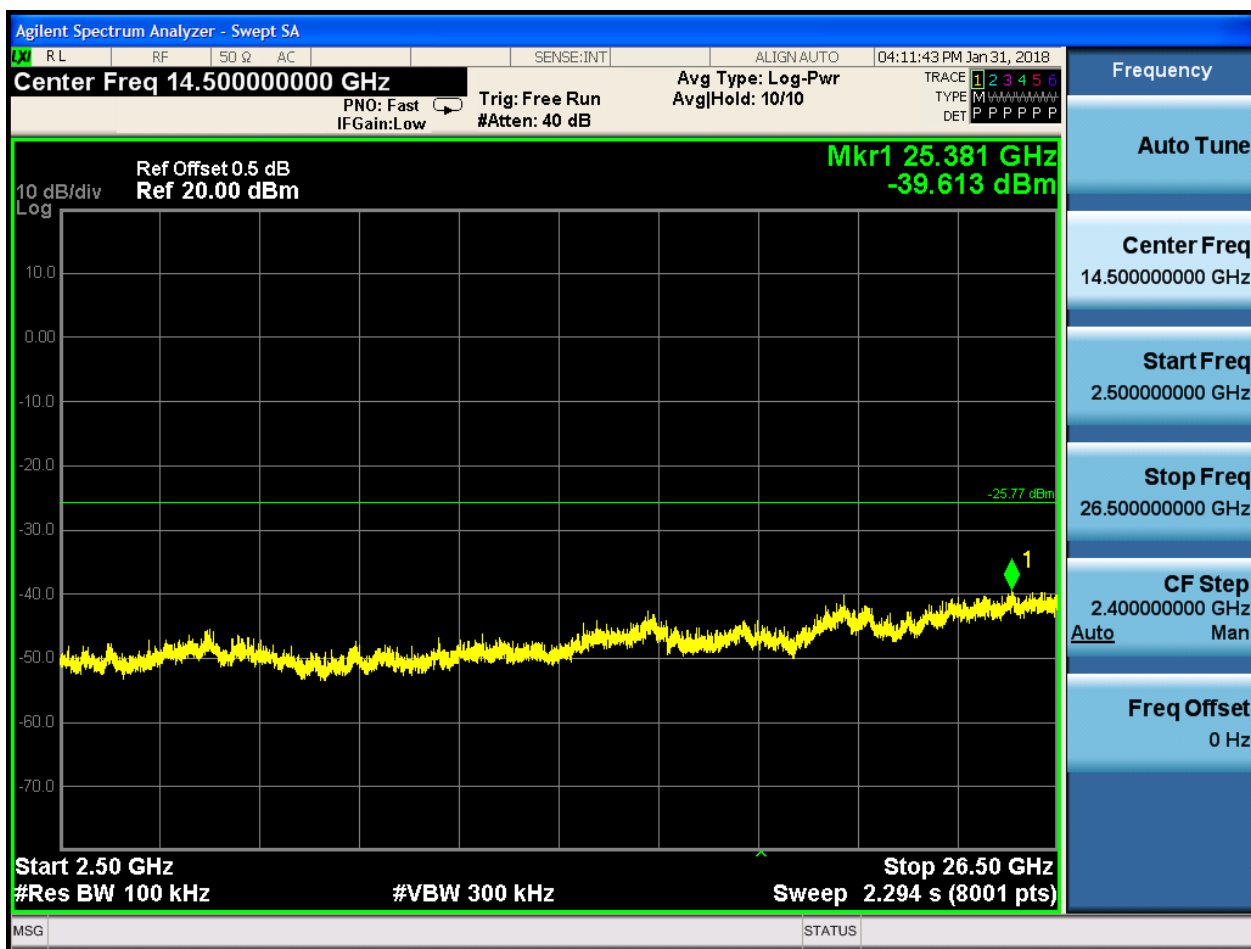
MSG STATUS DC Coupled







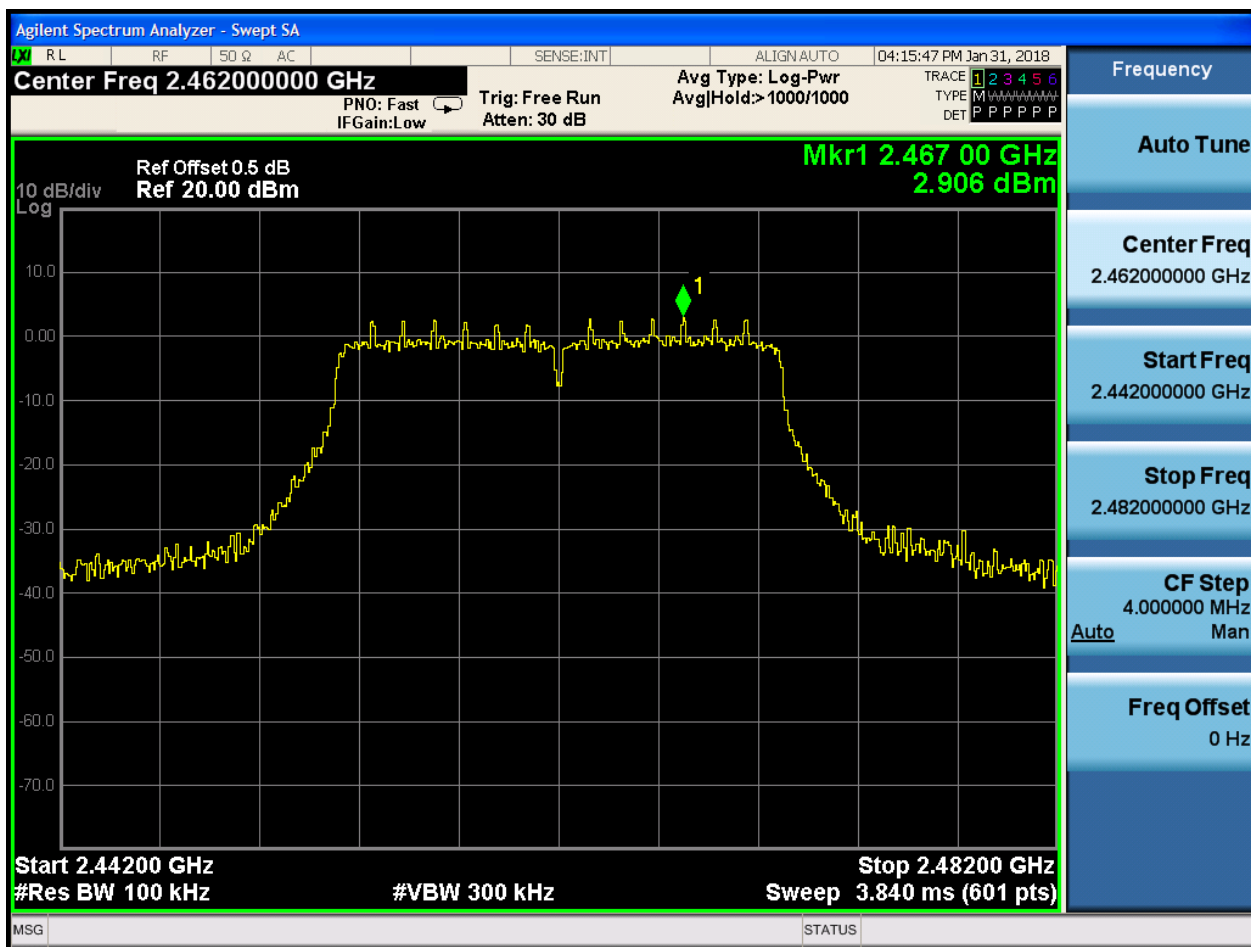






2.11 11N20_H@Ant 1

Pref:





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN:AUTO 04:16:02 PM Jan 31, 2018

Center Freq 79.500 kHz

PNO: Wide Trg: Free Run Avg Type: Log-Pwr
IFGain:Low #Atten: 26 dB AvgHld: >50/50

TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET P P P P P P

Ref Offset 0.5 dB
Ref 0.00 dBm

Mkr1 9.000 kHz
-52.419 dBm

10 dB/div
Log

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
#VBW 3.0 kHz
Sweep 134.8 ms (601 pts)

MSG STATUS ! DC Coupled

Frequency

Auto Tune

Center Freq
79.500 kHz

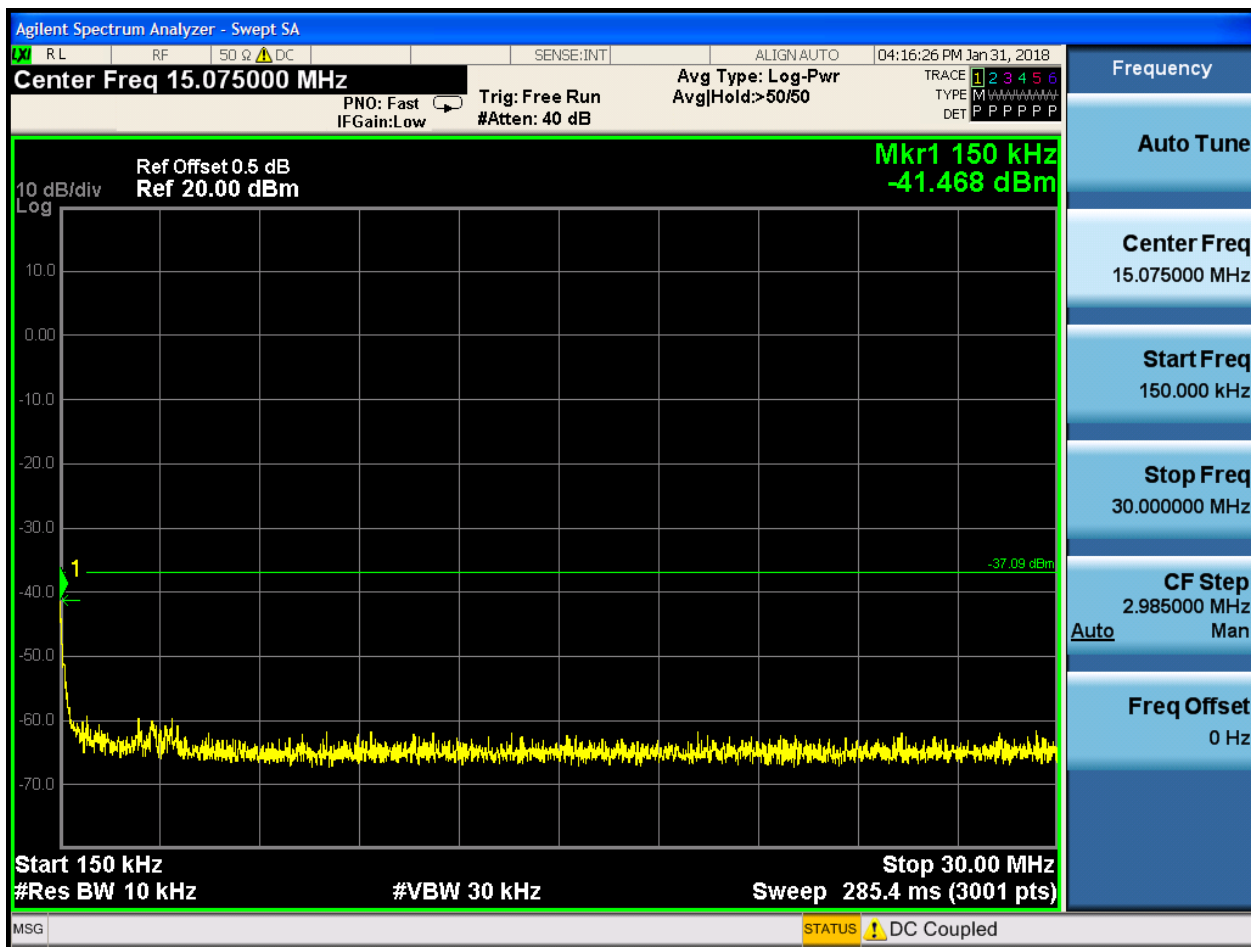
Start Freq
9.000 kHz

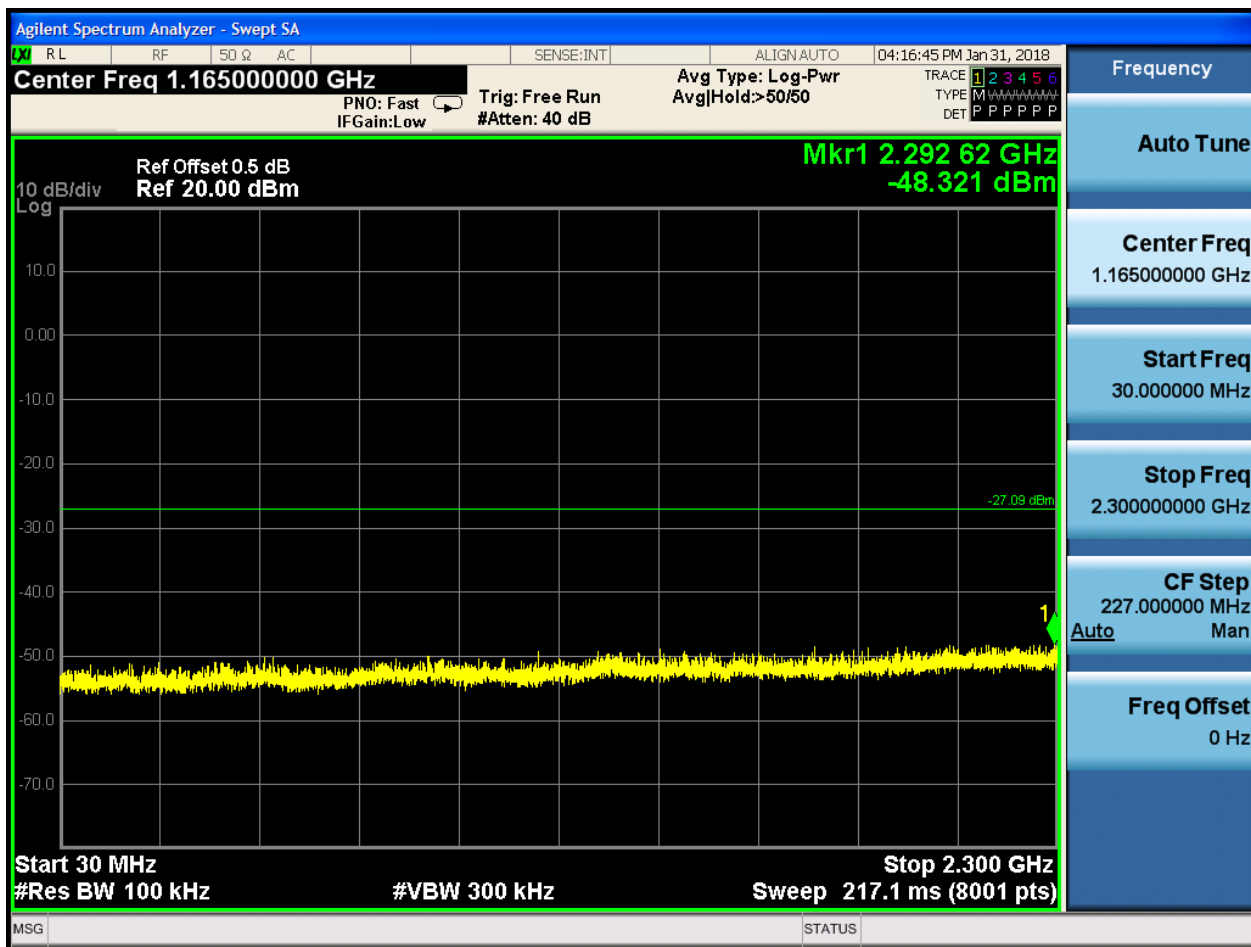
Stop Freq
150.000 kHz

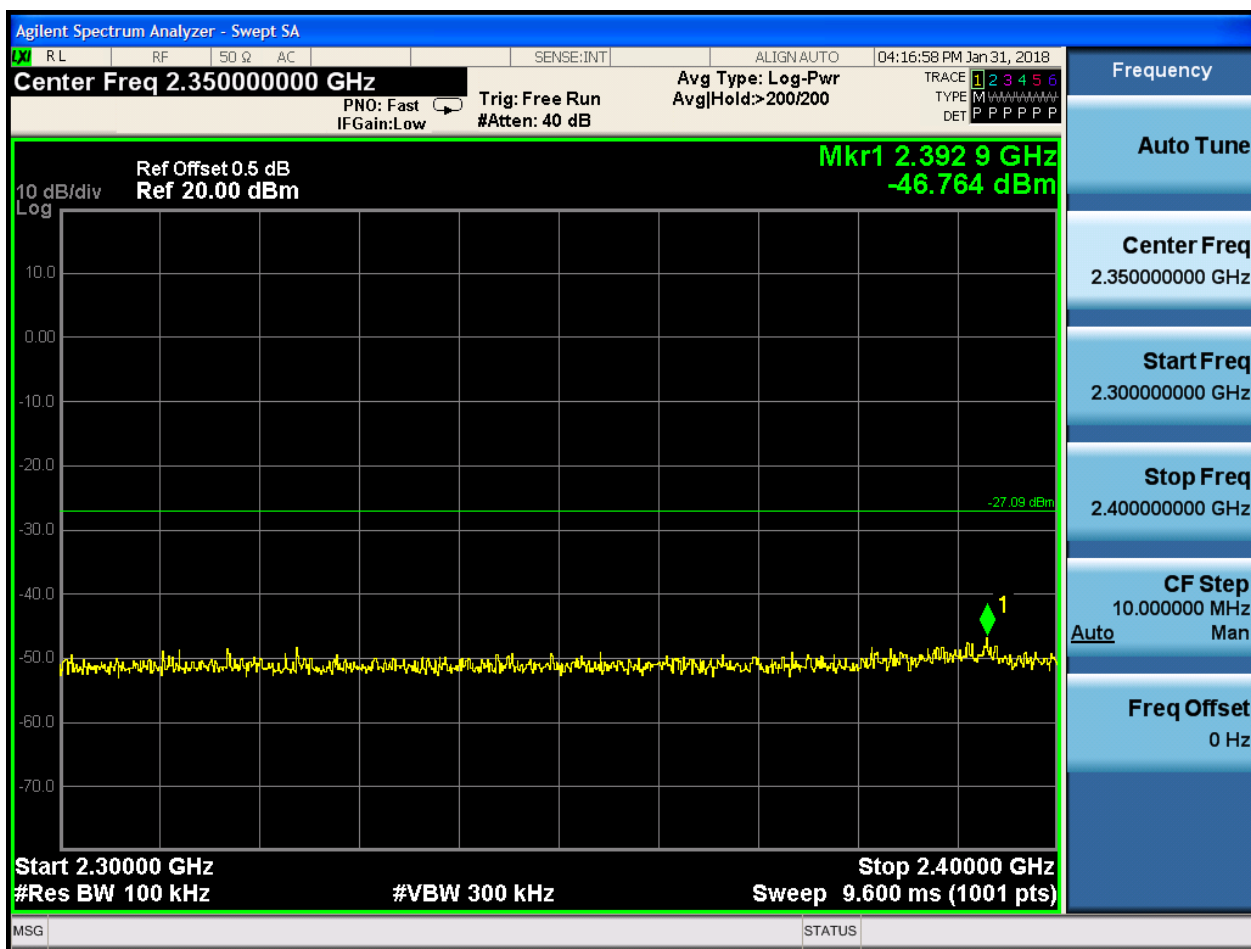
CF Step
14.100 kHz
Man

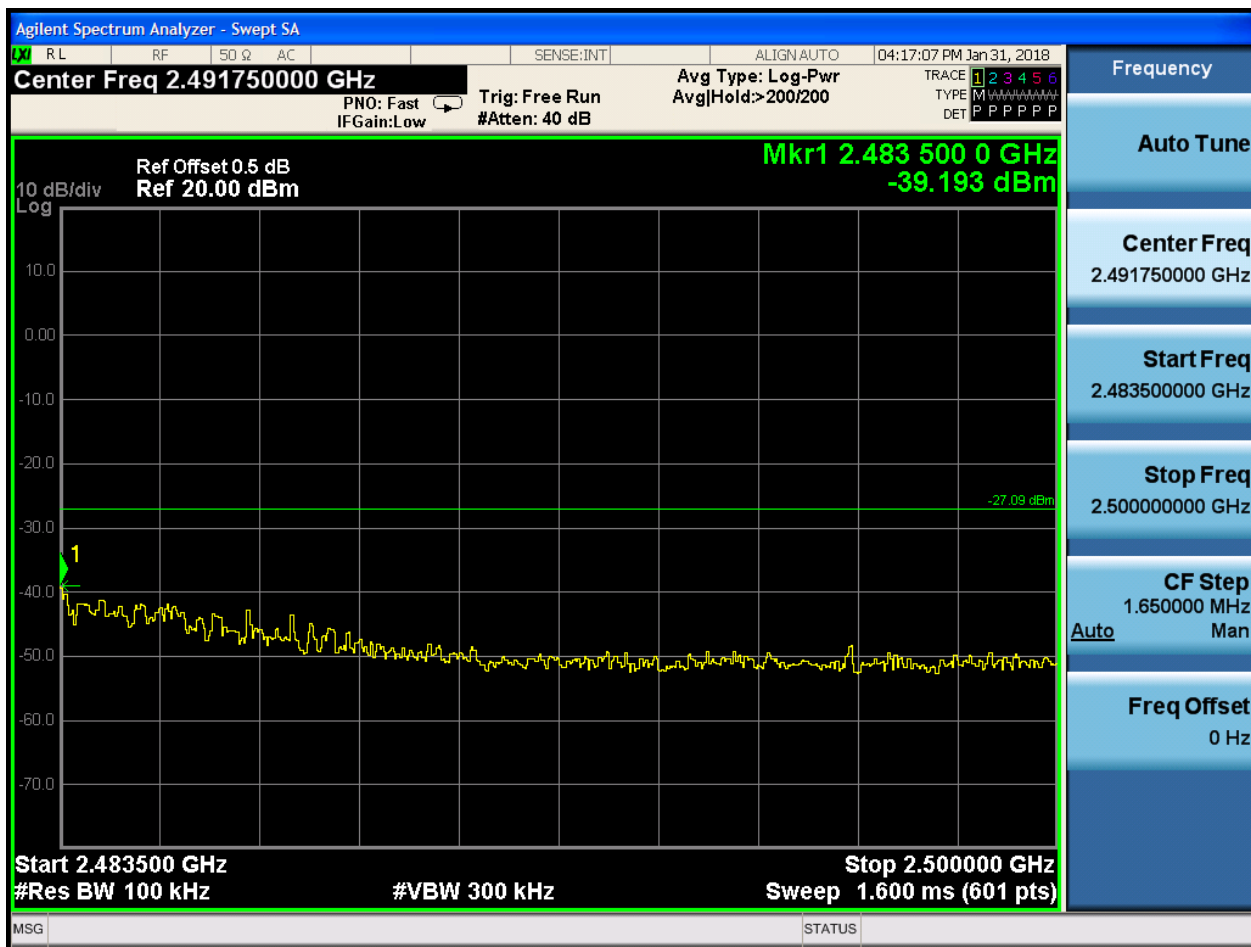
Auto

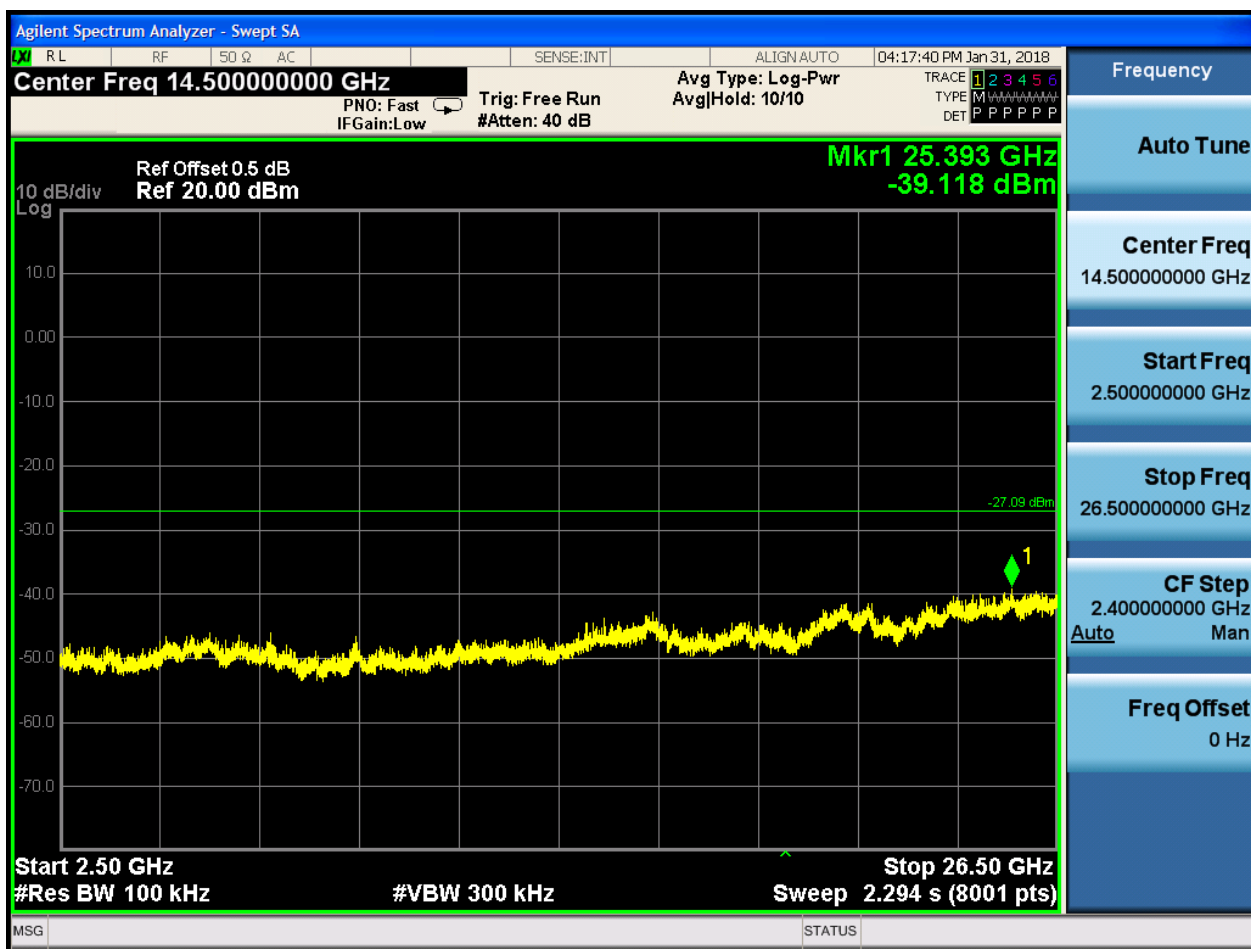
Freq Offset
0 Hz







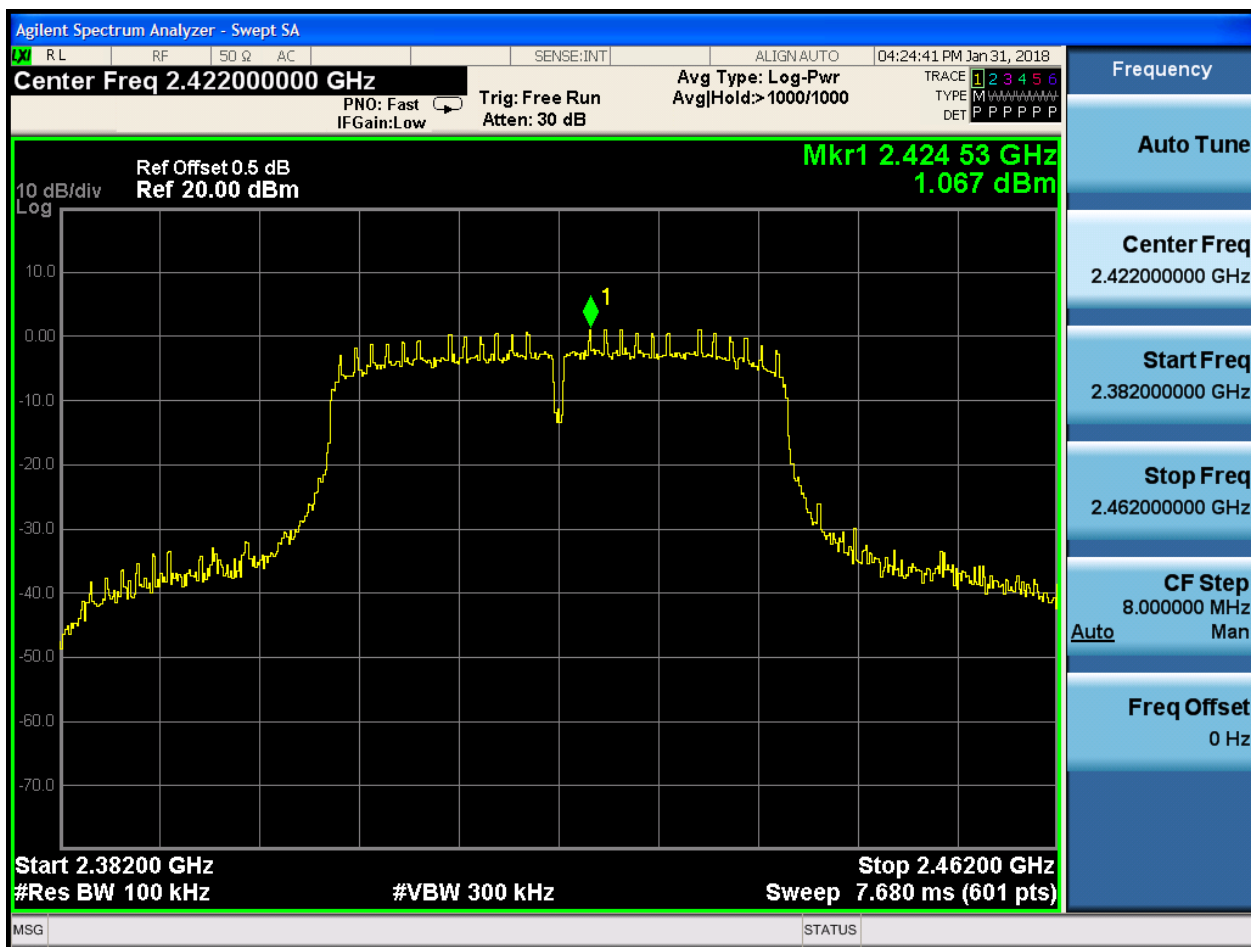






2.12 11N40_L@Ant 1

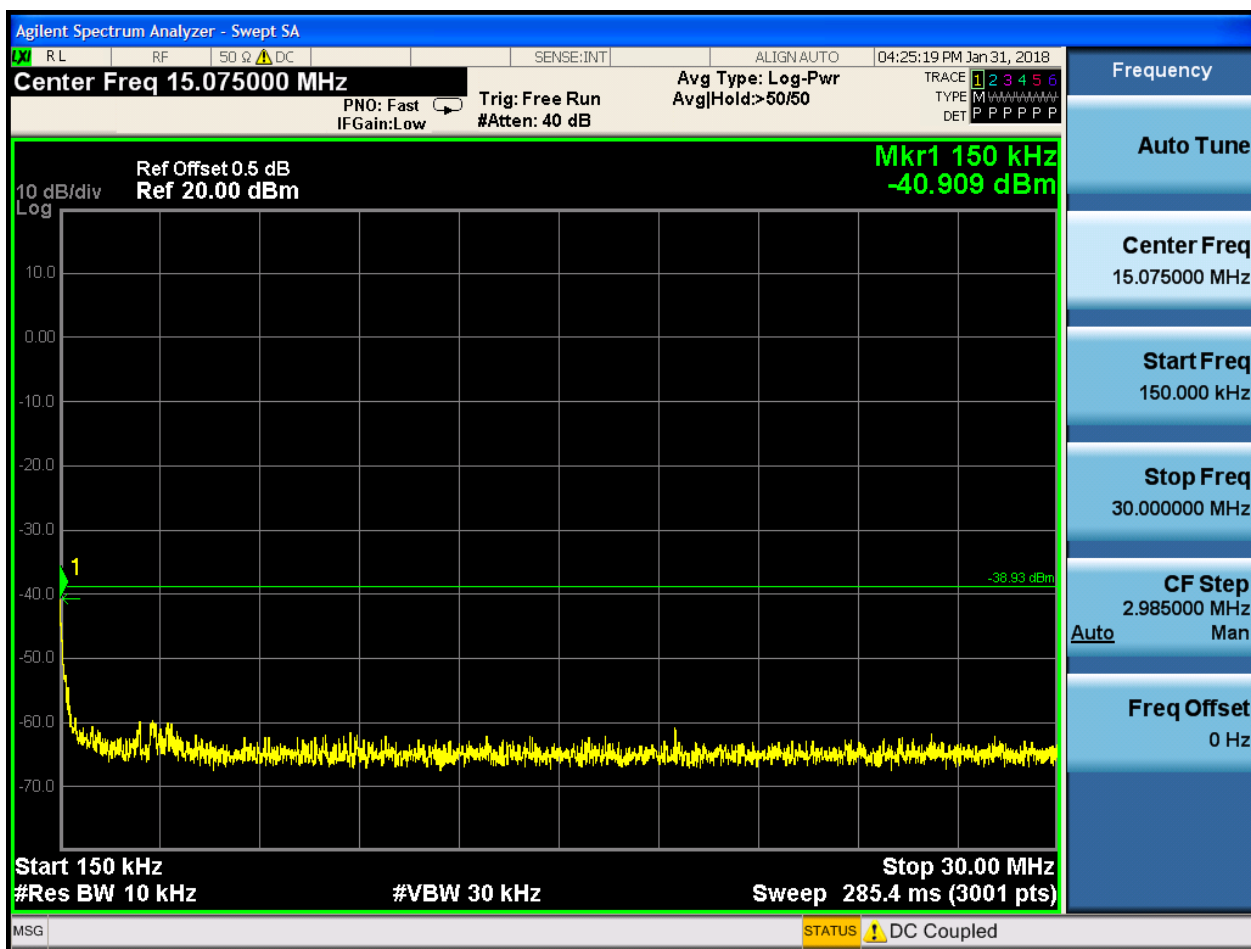
Pref:

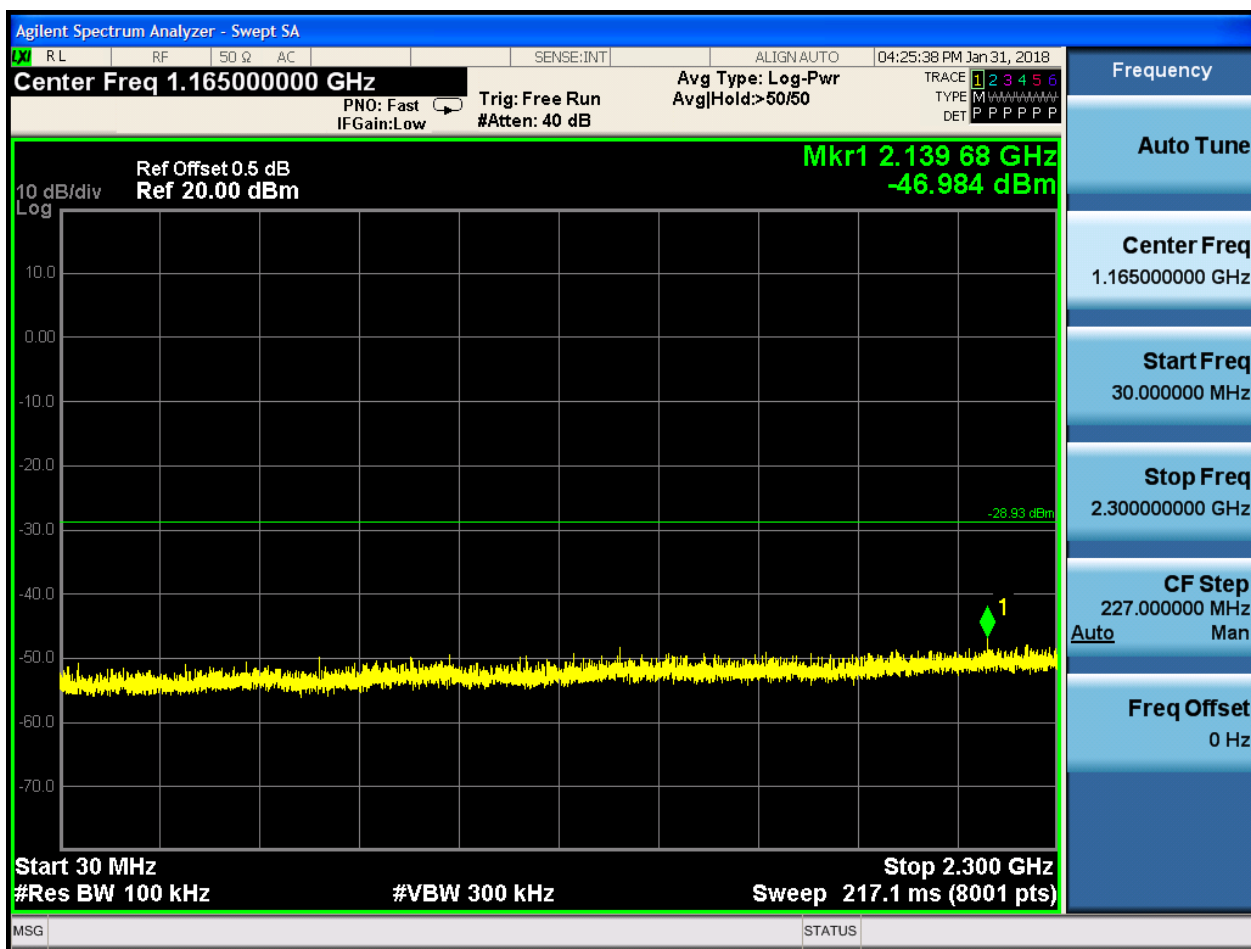


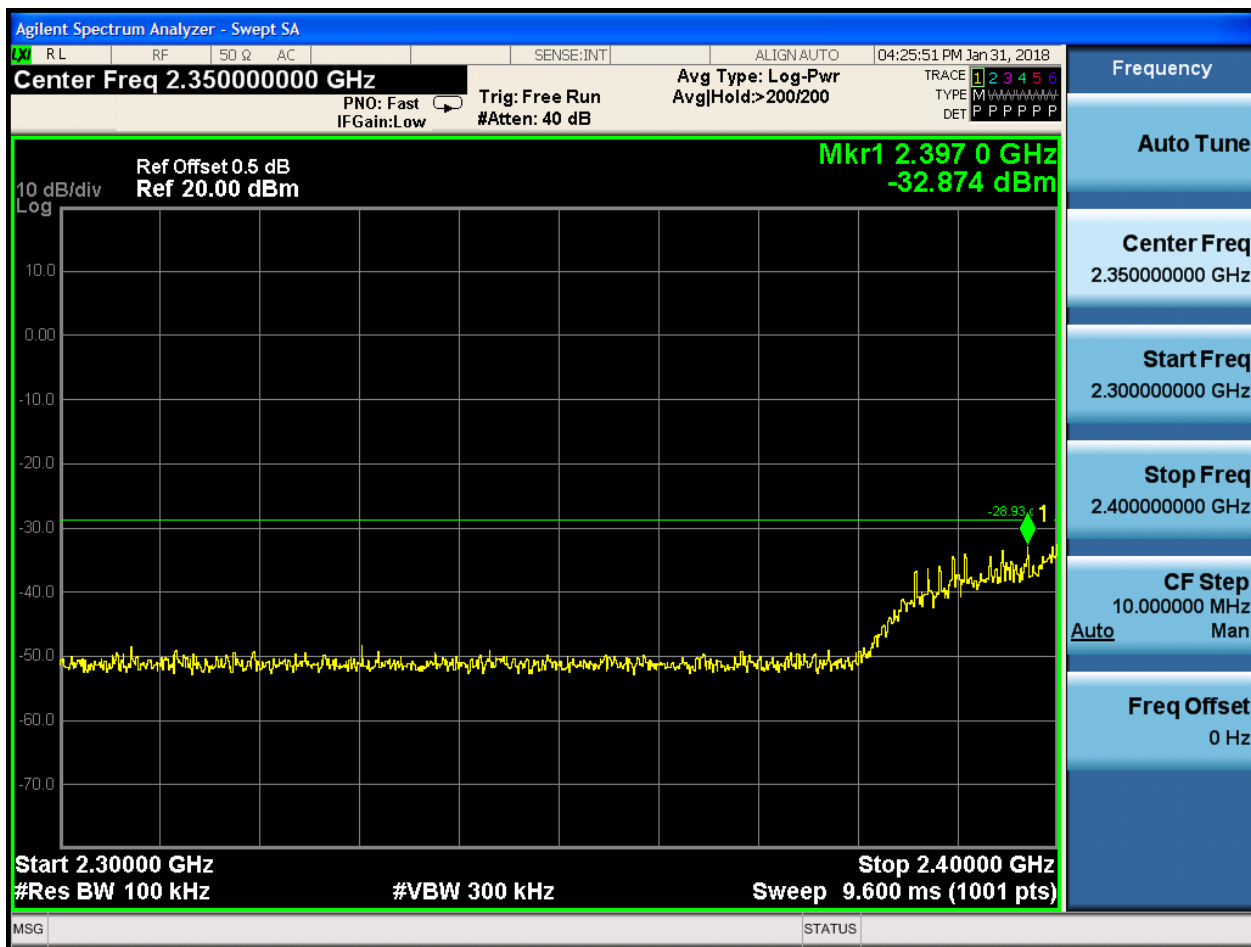


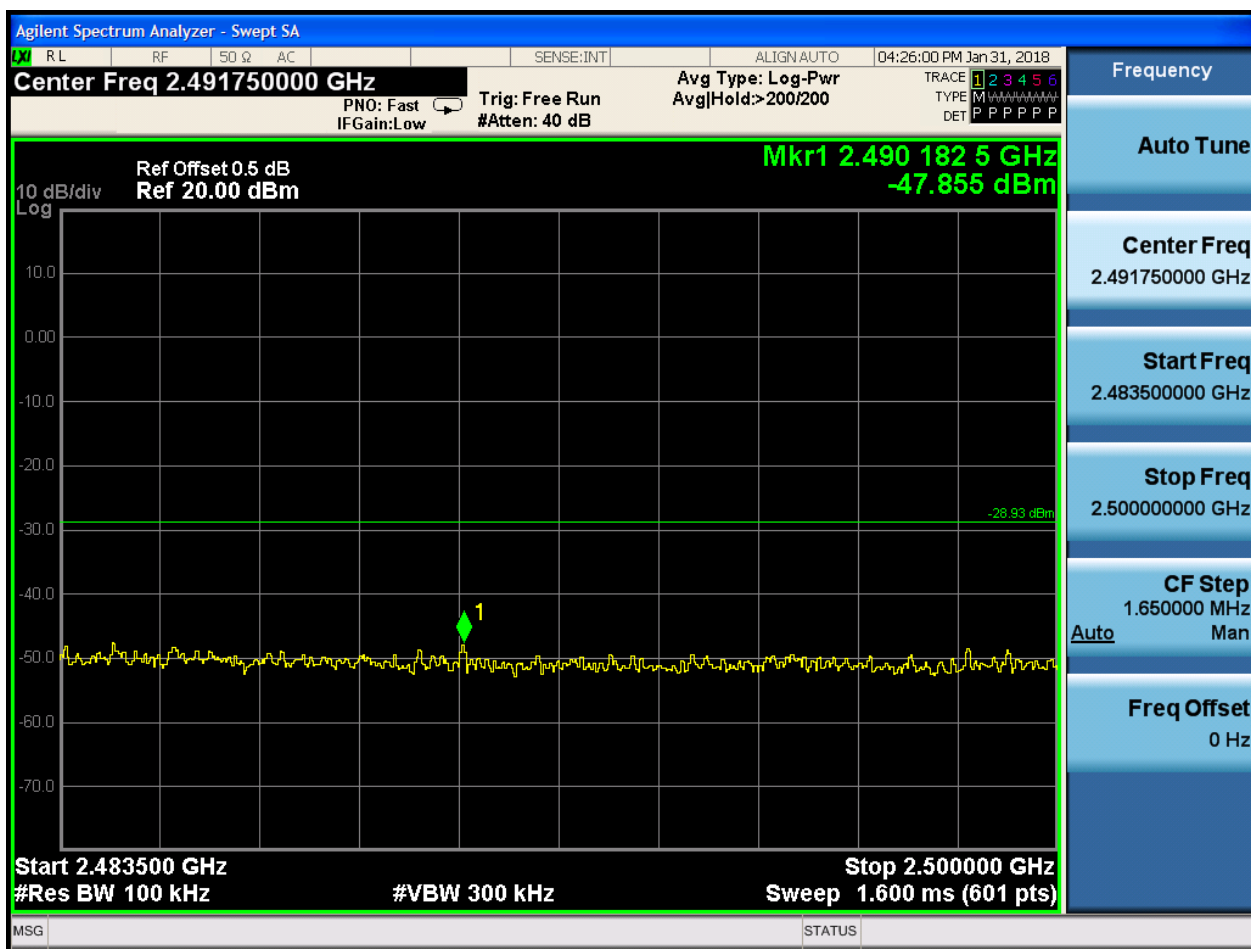
Puw:

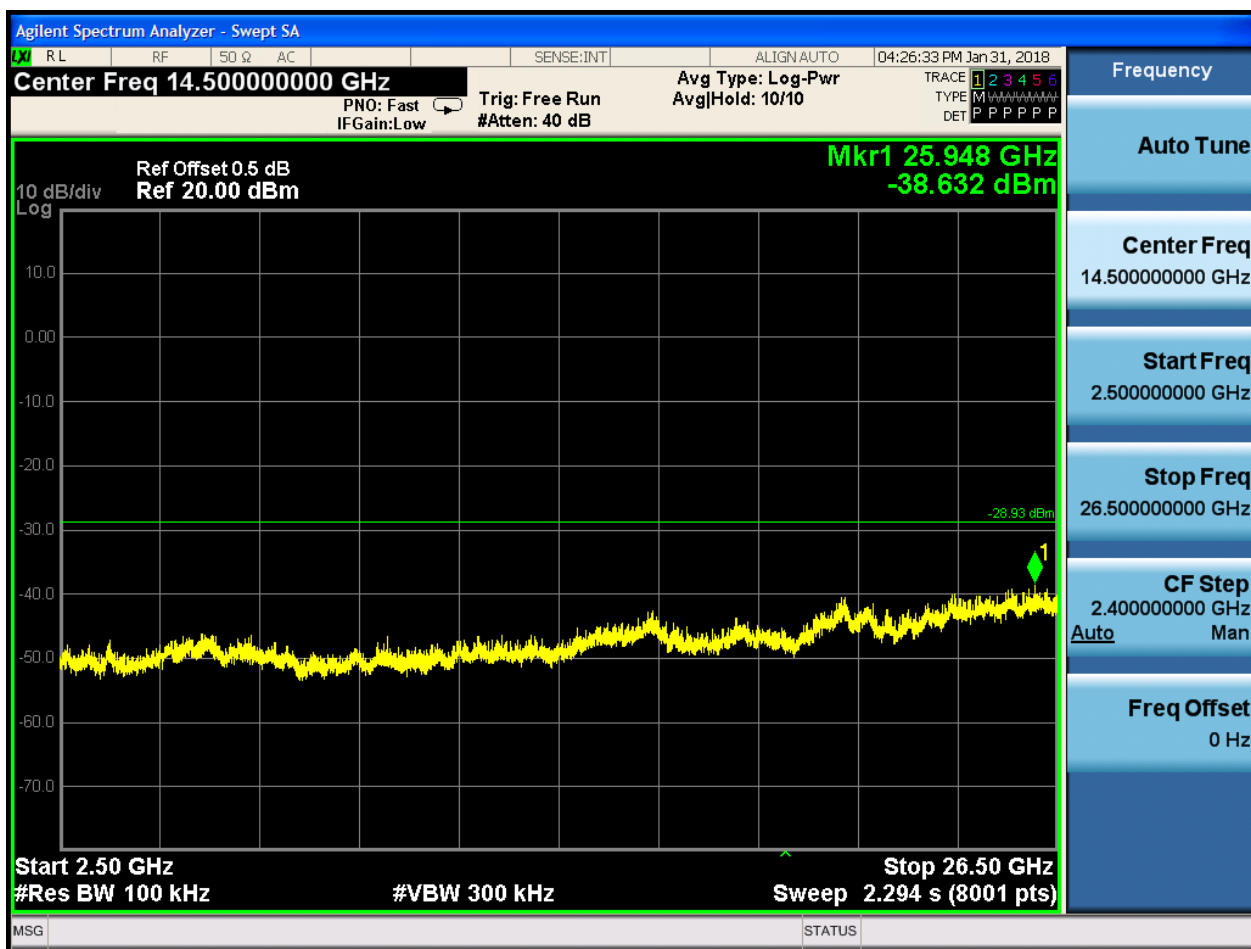






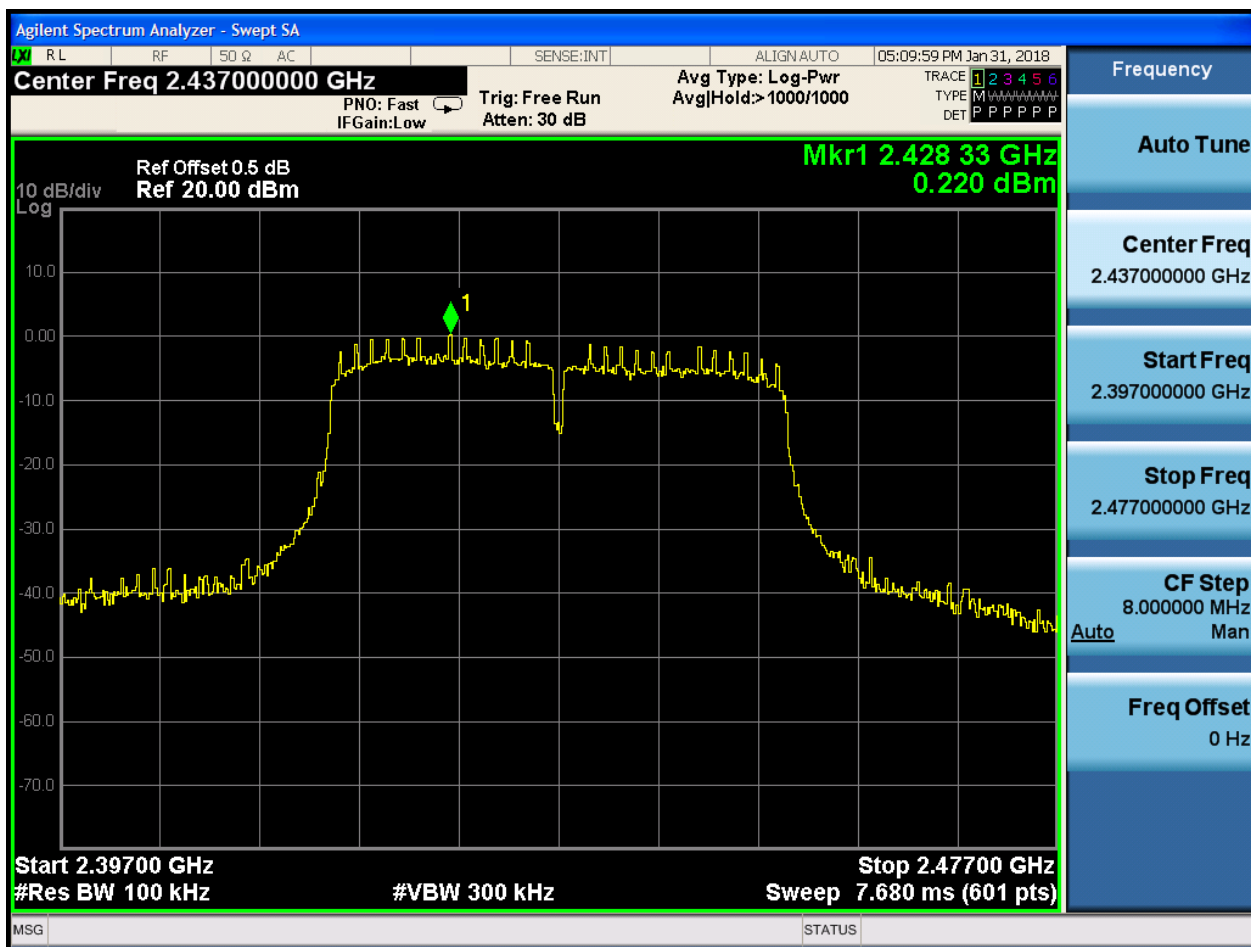




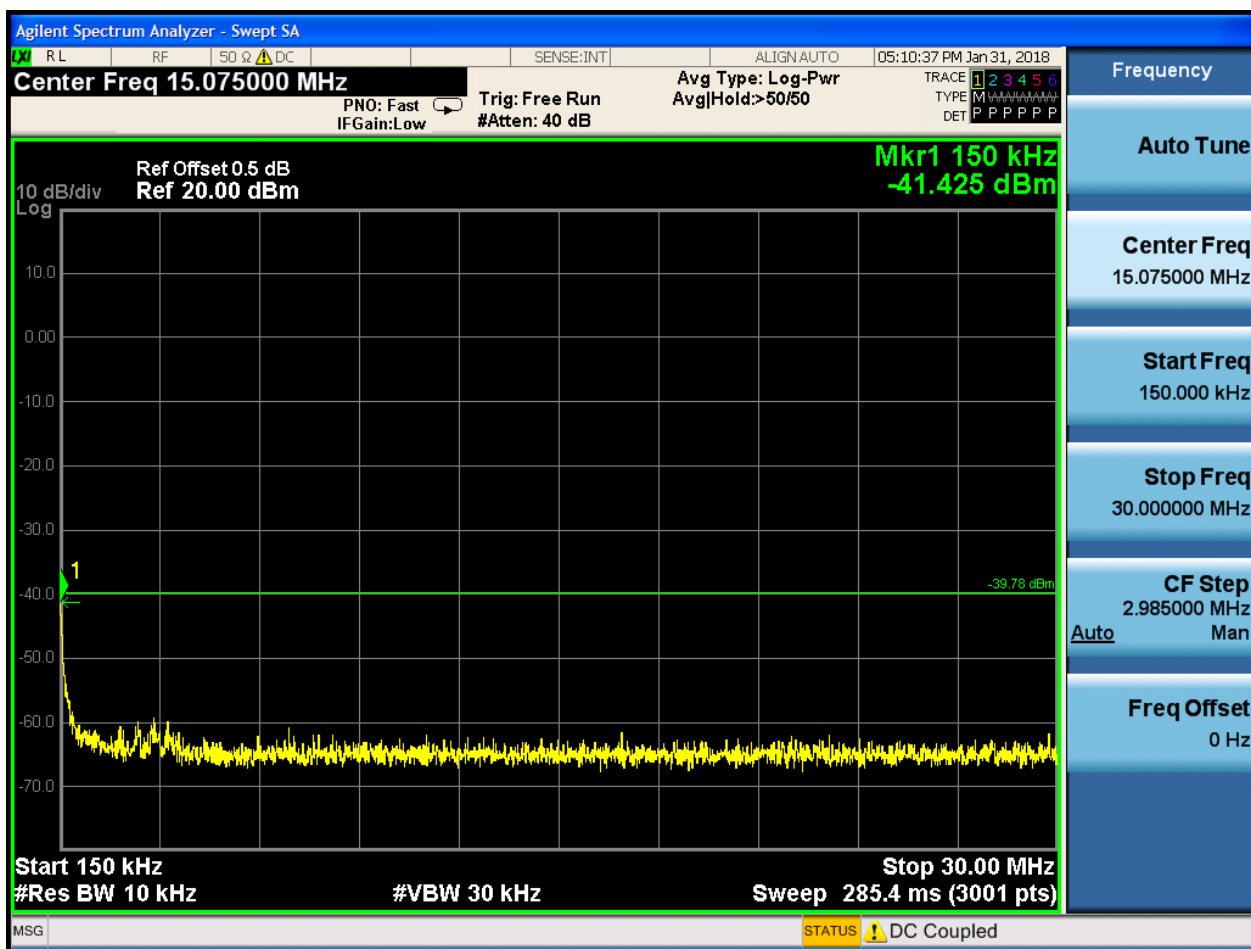


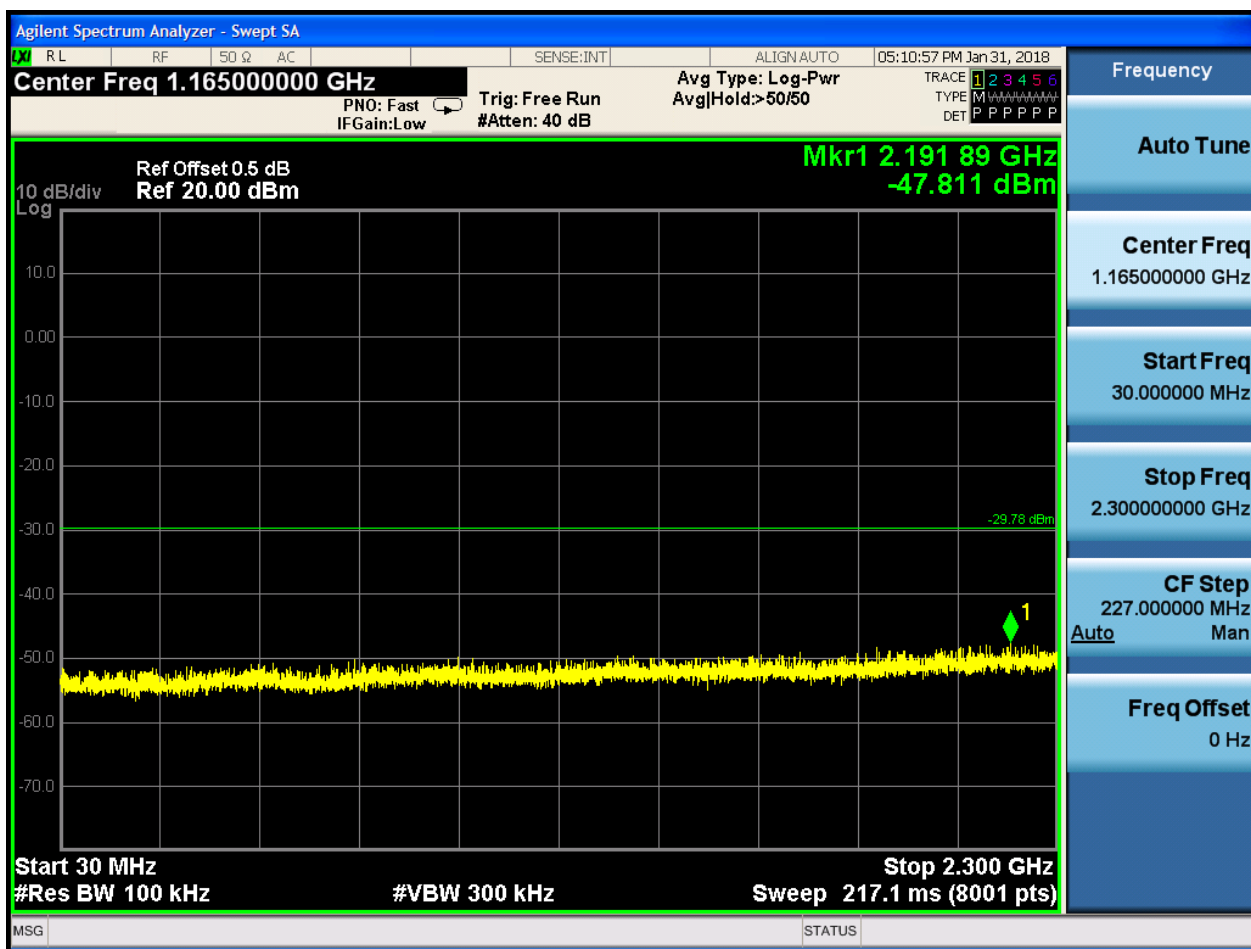
2.13 11N40_M@Ant 1

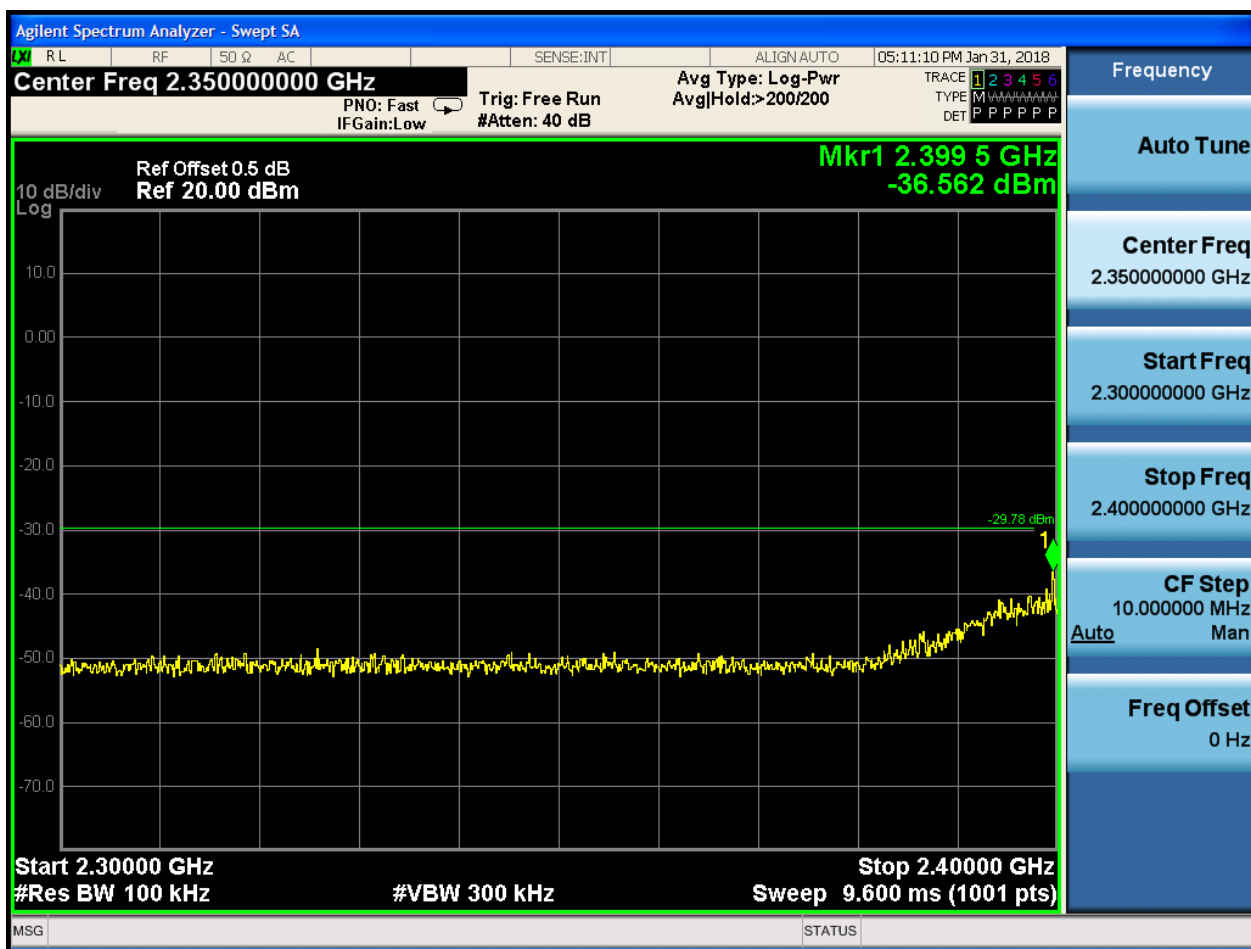
Pref:

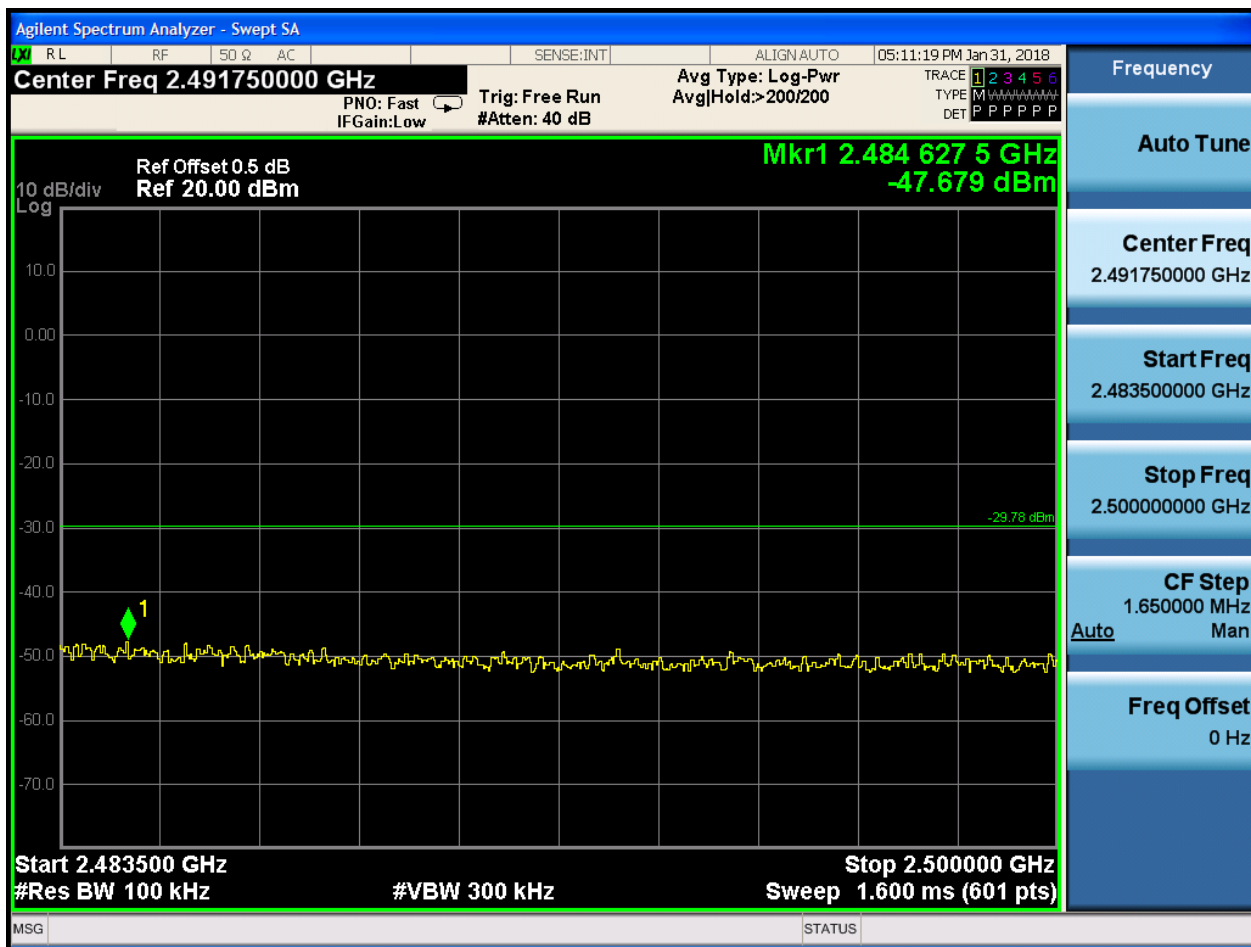


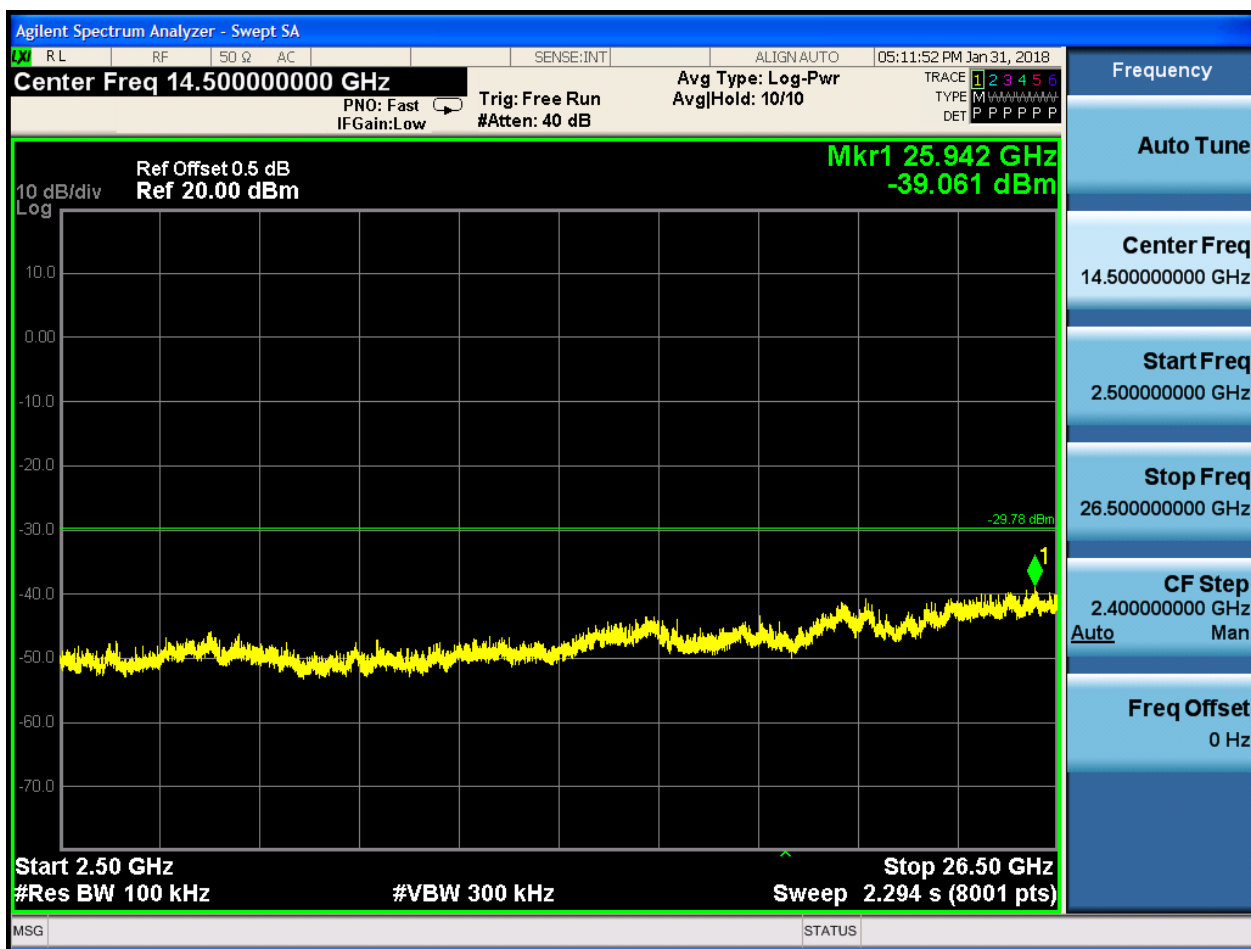
[illegible]







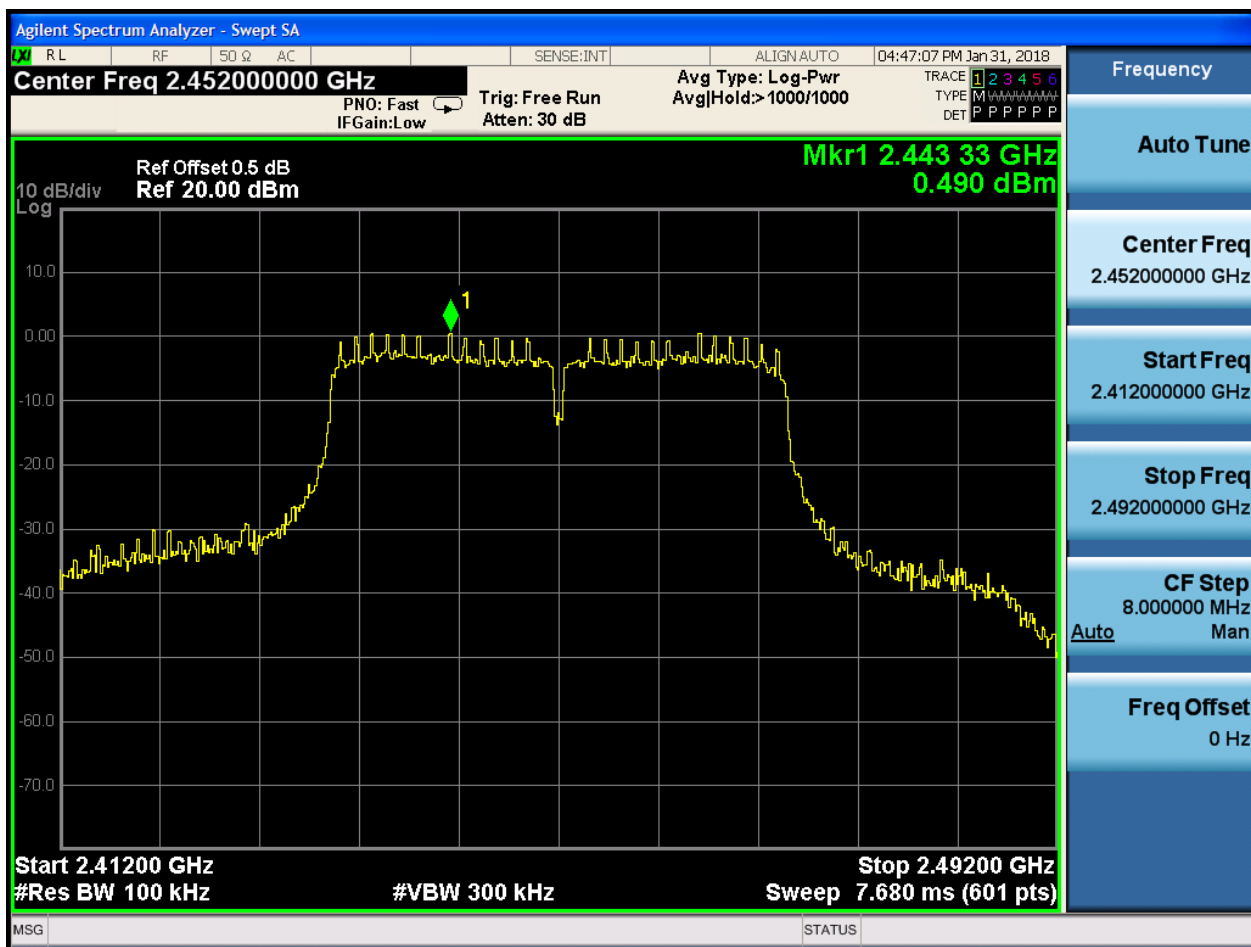






2.14 11N40_H@Ant 1

Pref:





Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω DC SENSE:INT ALIGN: AUTO 04:47:22 PM Jan 31, 2018

Center Freq 79.500 kHz

PNO: Wide Trg: Free Run Avg Type: Log-Pwr
IFGain: Low #Atten: 26 dB AvgHold: >50/50

TRACE 1 2 3 4 5 6
TYPE M U U U U U U U
DET P P P P P P

Ref Offset 0.5 dB
Ref 0.00 dBm

Mkr1 9.000 kHz
-54.233 dBm

10 dB/div
Log

-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0

-49.51 dBm

Start 9.00 kHz
#Res BW 1.0 kHz

Stop 150.00 kHz
Sweep 134.8 ms (601 pts)

#VBW 3.0 kHz

Frequency

Auto Tune

Center Freq
79.500 kHz

Start Freq
9.000 kHz

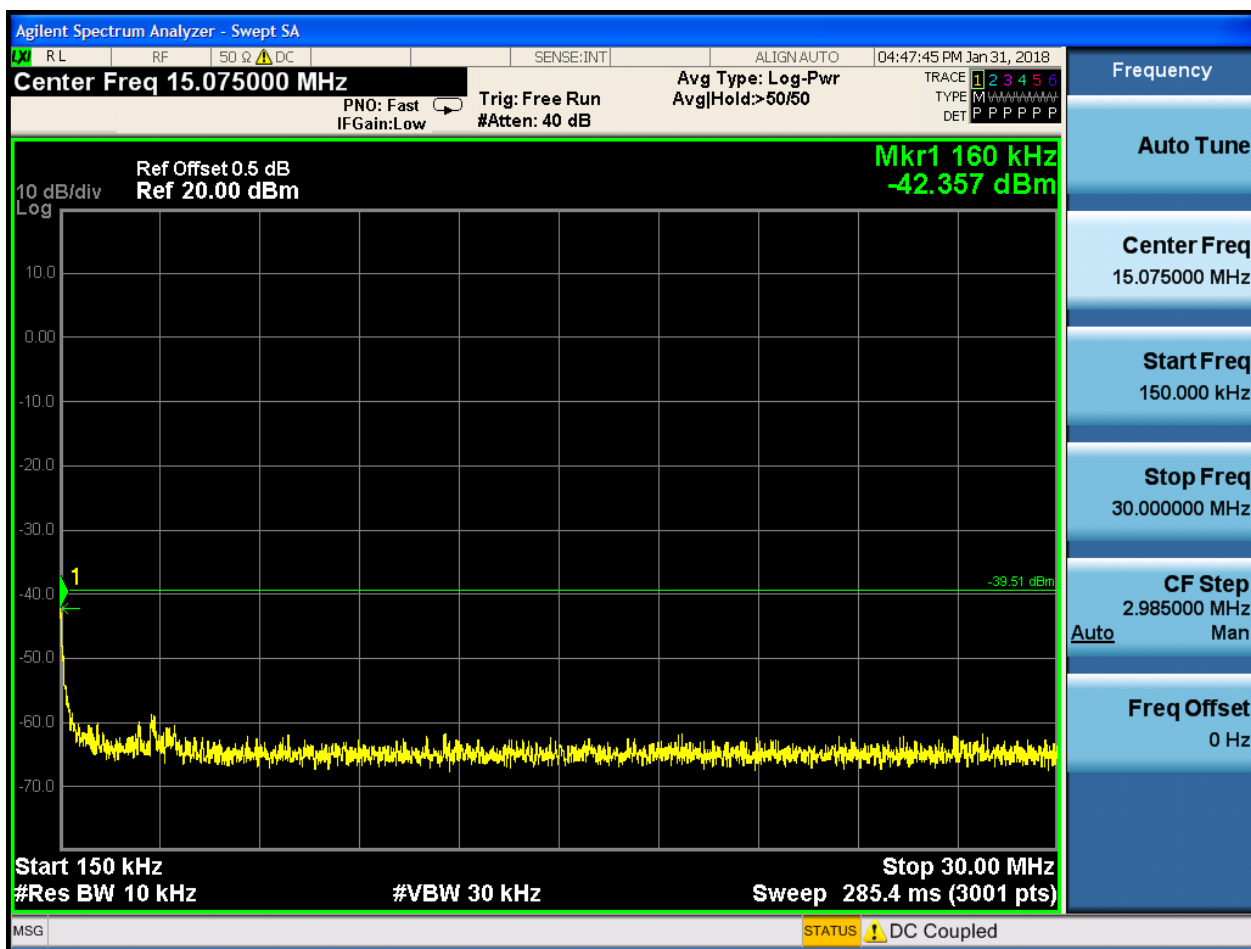
Stop Freq
150.000 kHz

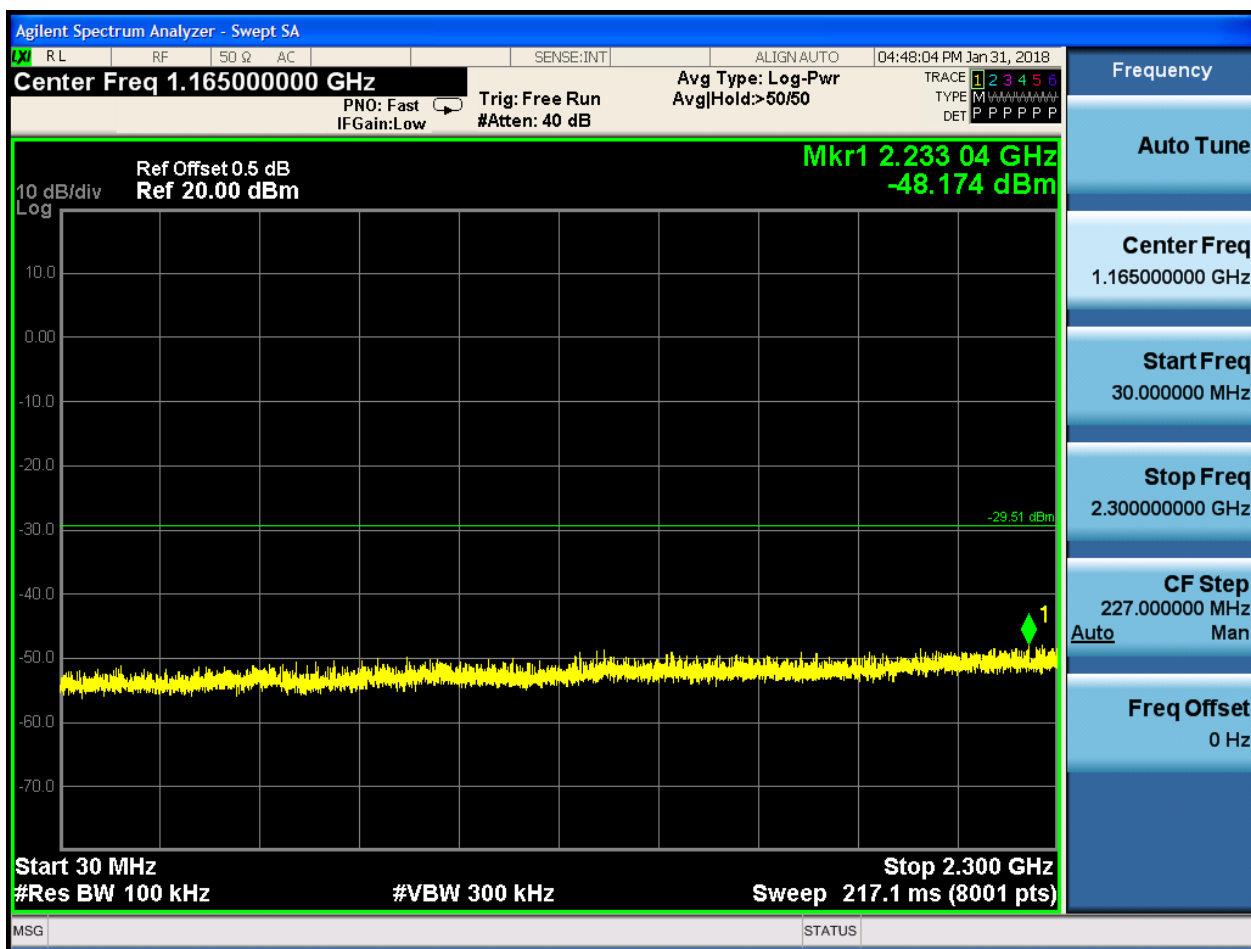
CF Step
14.100 kHz
Man

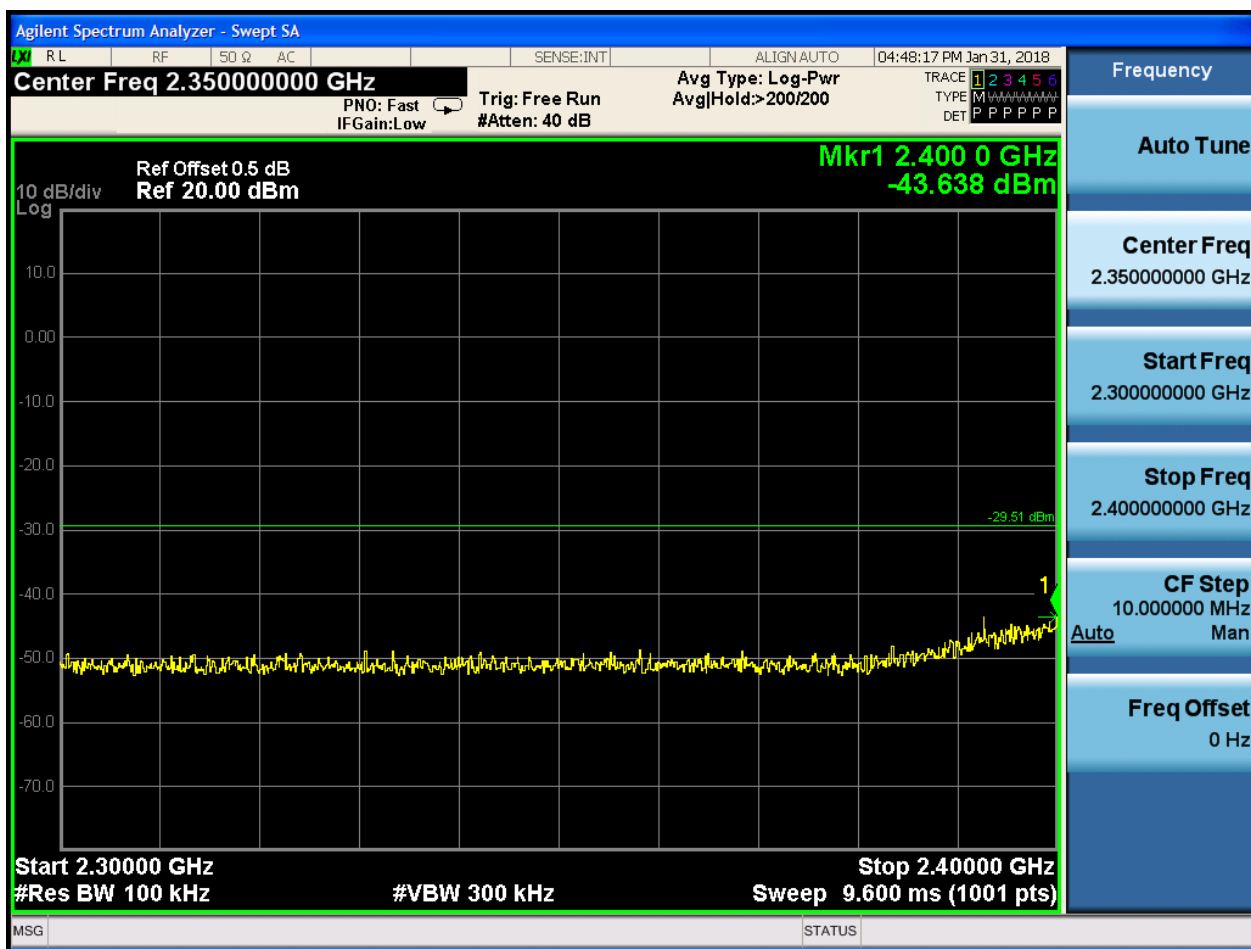
Auto

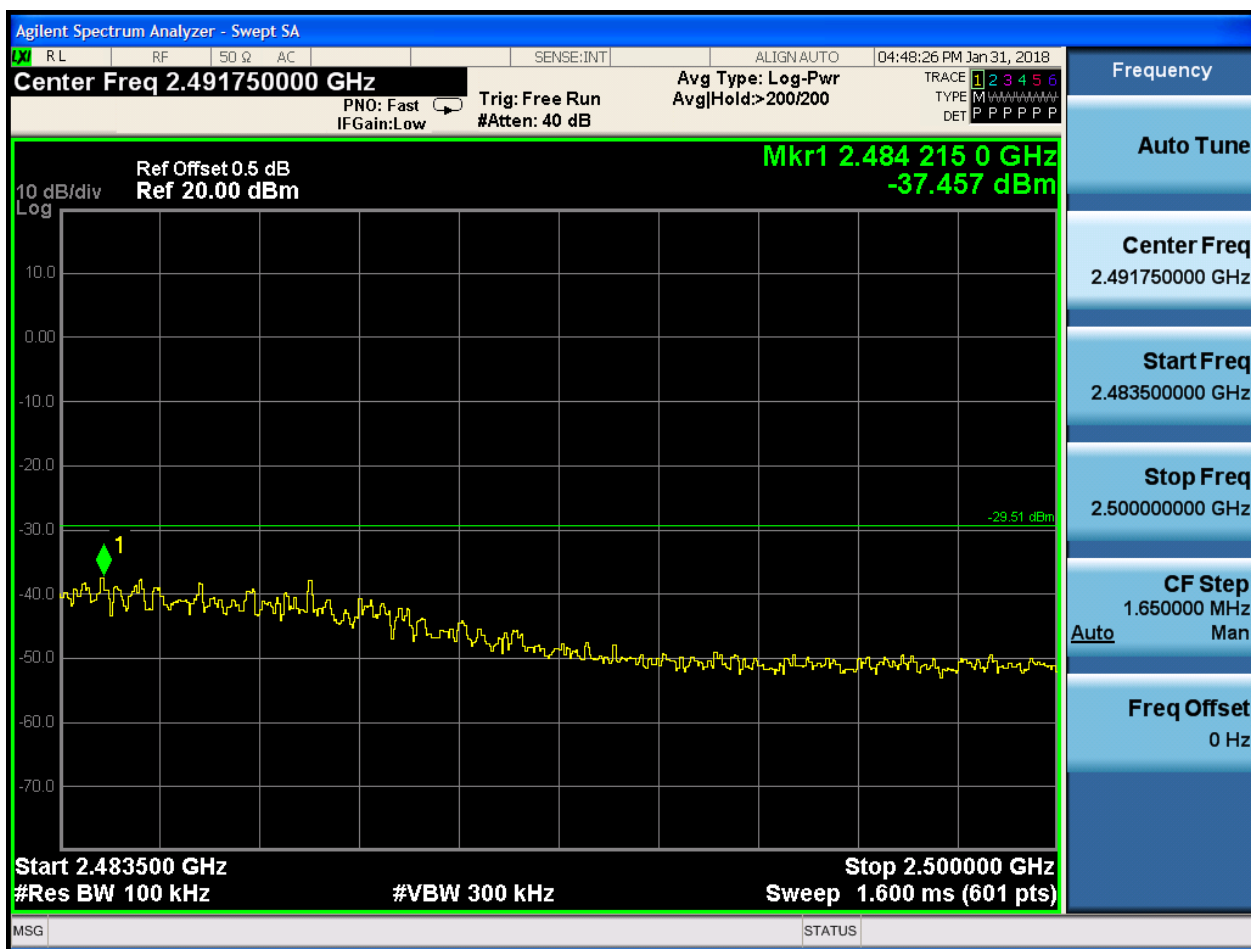
Freq Offset
0 Hz

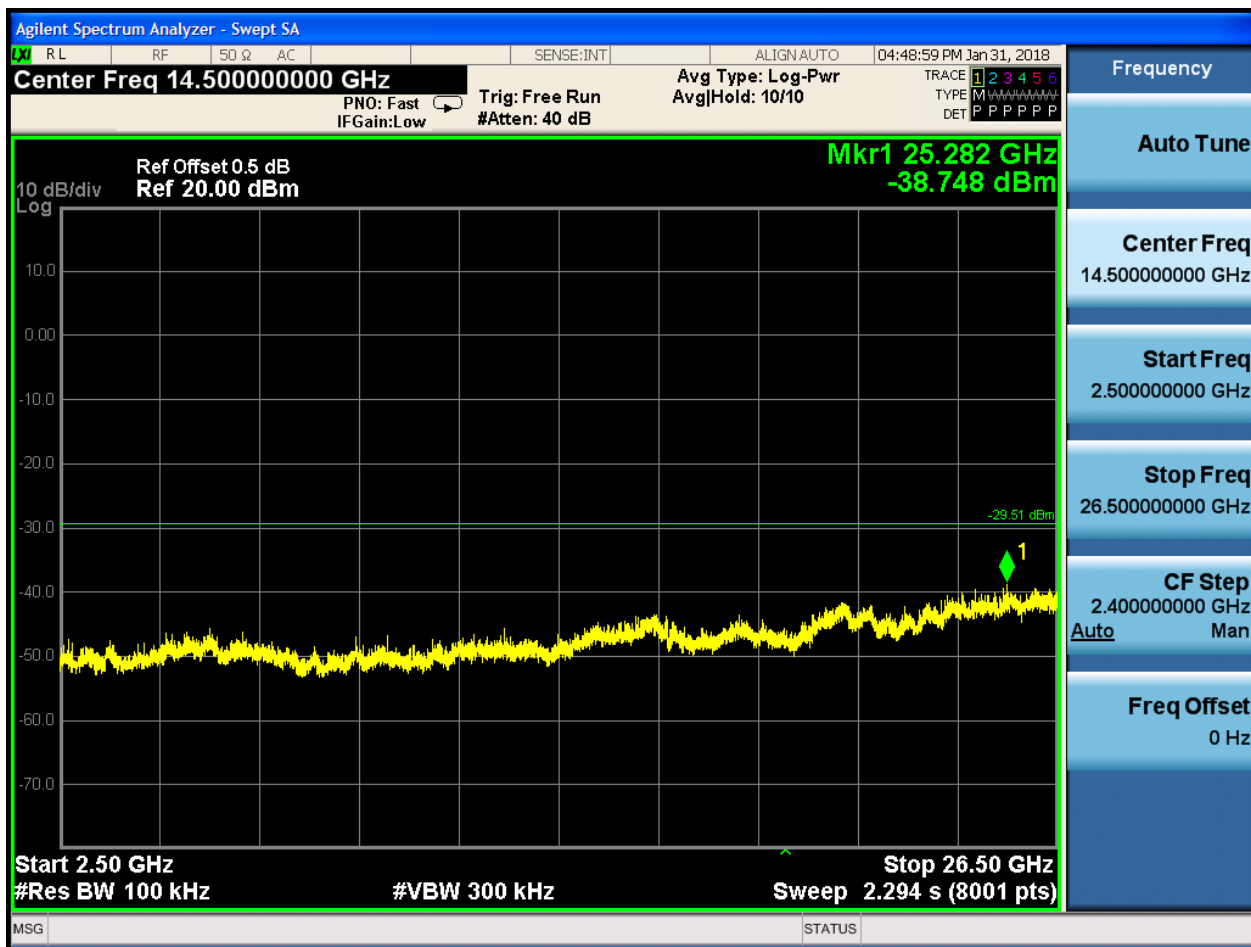
MSG STATUS DC Coupled











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

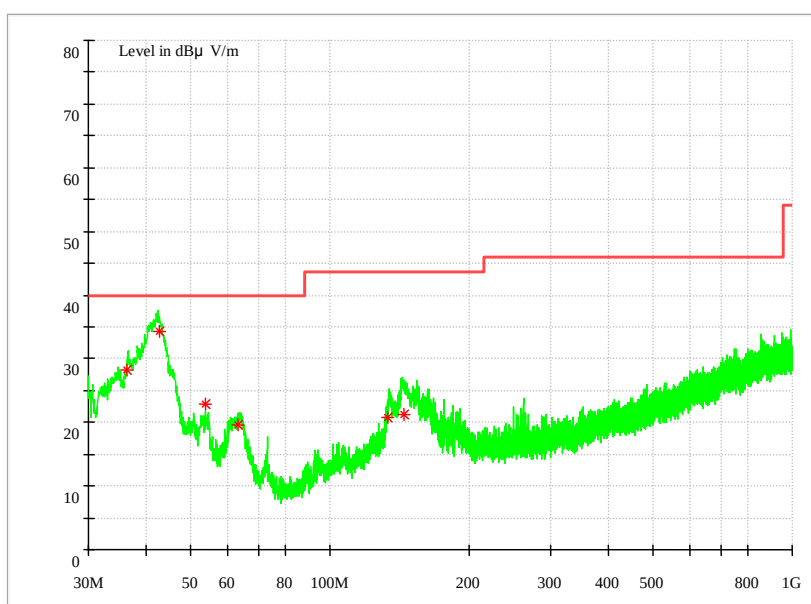
1.1 Part 1: Testing Range of “9 kHz to 30MHz”

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)
36.33964	28.15	40	11.85	100	V	43	16.3
42.60876	34.29	40	5.71	100	V	0	17.5
53.56508	22.85	40	17.15	100	V	1	11.3
63.12326	19.58	40	20.42	100	V	305	10.7
133.54852	20.64	43.5	22.86	252	V	183	13.7
144.1983	21.3	43.5	22.2	100	V	325	13

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

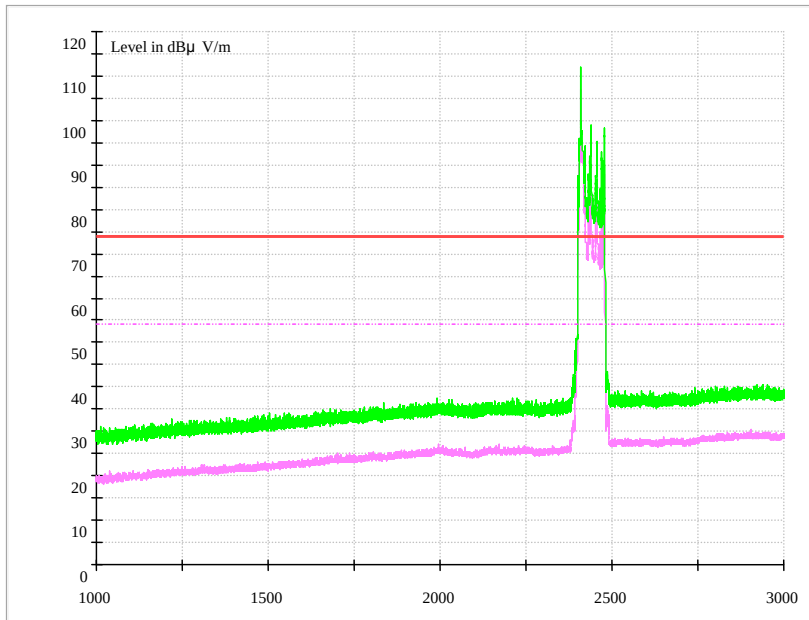
Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.

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).

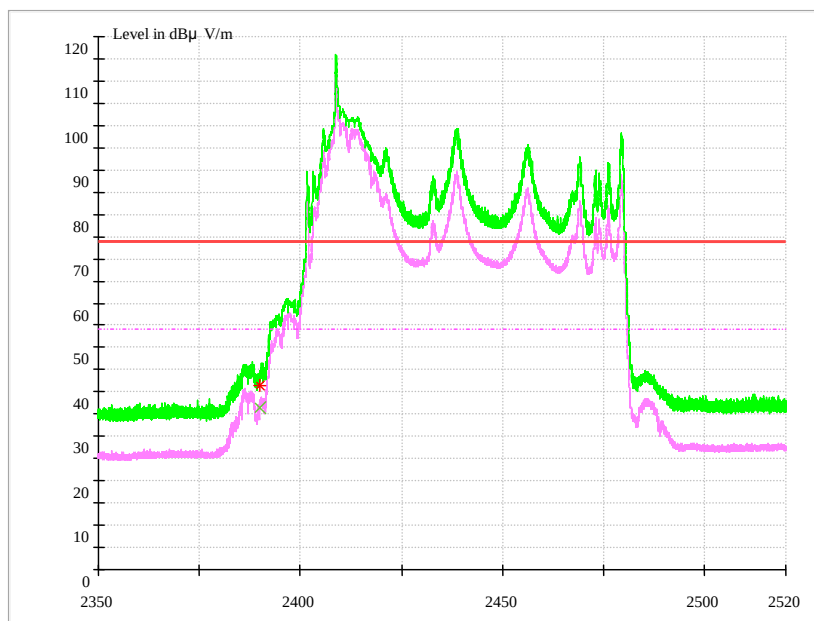
Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode:

1.3.1 Test Mode: 11B



1.3.1.1 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	36.49	54.00	17.51	150.0	H	225.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	41.42	74.00	32.68	150.0	H	194.0	-10.2

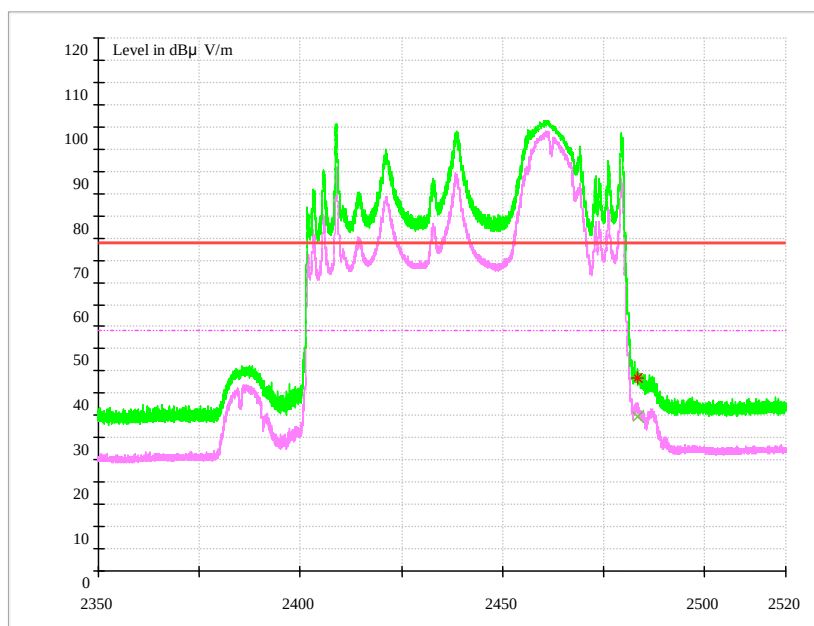
Note:

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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.5	34.76	54.00	19.24	150.0	H	177.0	-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)
2483.5	43.40	74.00	30.60	150.0	H	220.0	-6.8

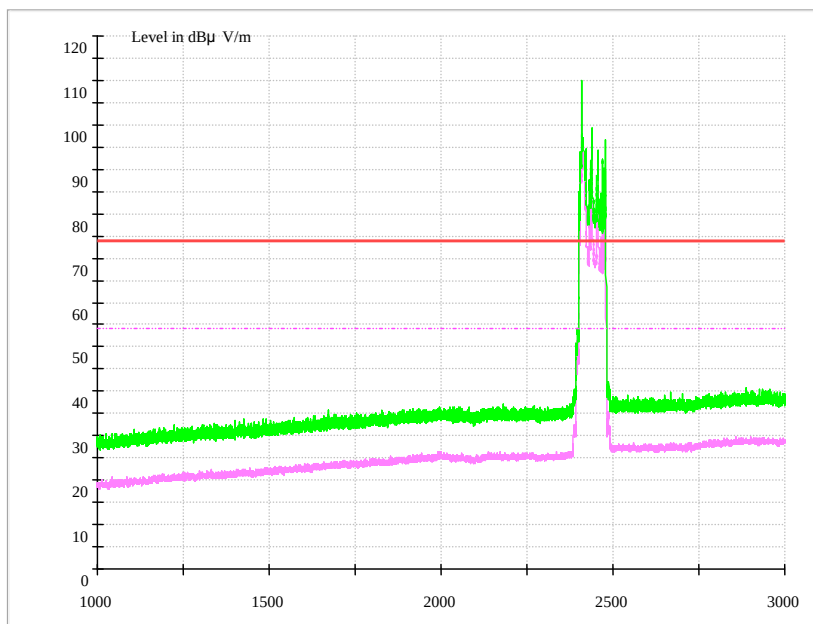
Note:

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

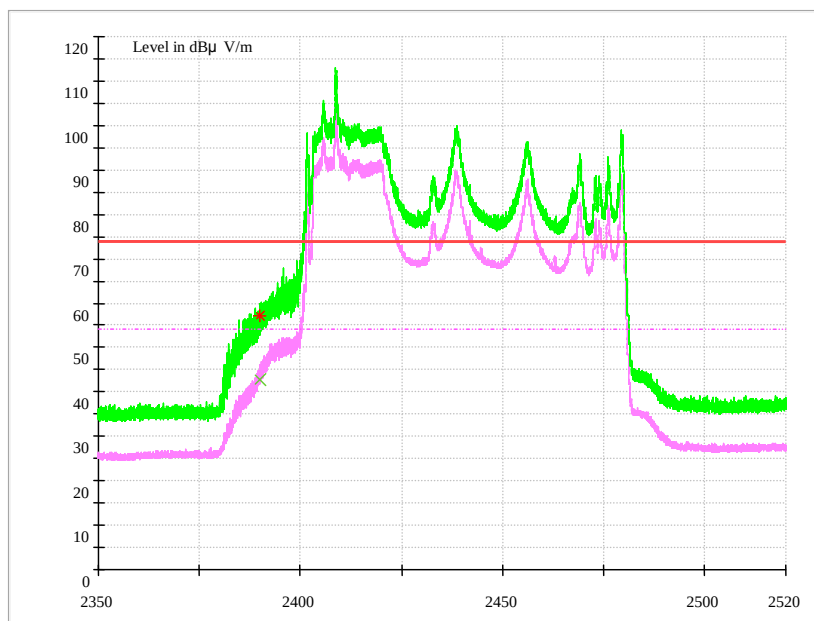
The reading level is calculated by software which is not shown in the sheet.

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	42.43	54.00	11.27	150.0	H	225.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	57.10	74.00	16.90	150.0	H	188.0	-10.2

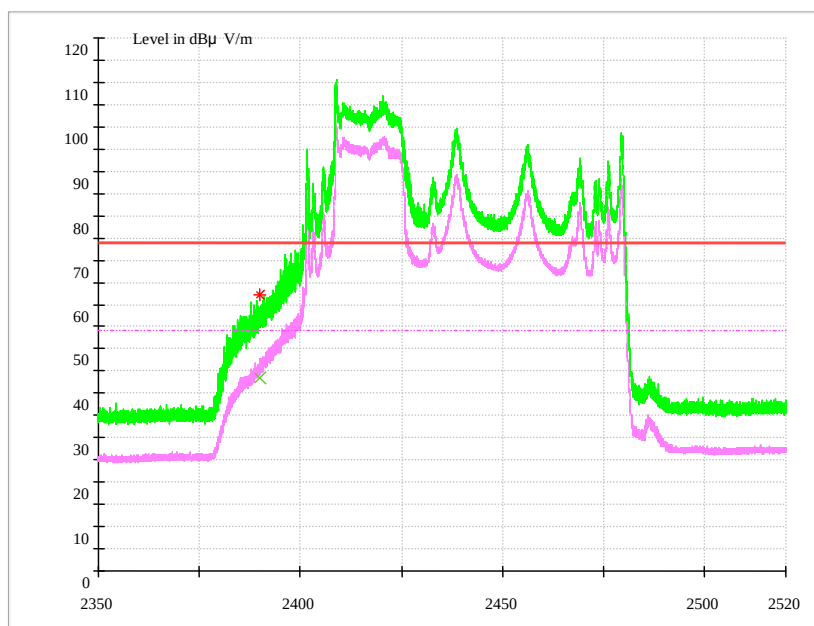
Note:

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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth(deg) (deg)	Transd. (dB)
2390	43.5	54.00	10.51	150.0	H	175.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	62.10	74.00	11.90	150.0	H	197.0	-10.2

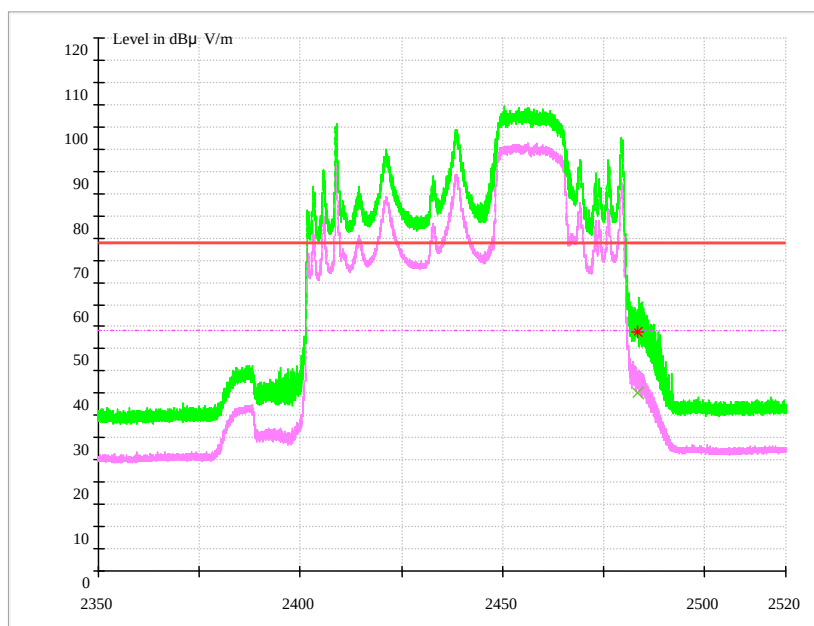
Note:

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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.5	40.20	54.00	13.80	150.0	H	176.0	-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)
2483.5	53.97.14	74.00	20.03	150.0	H	214.0	-6.8

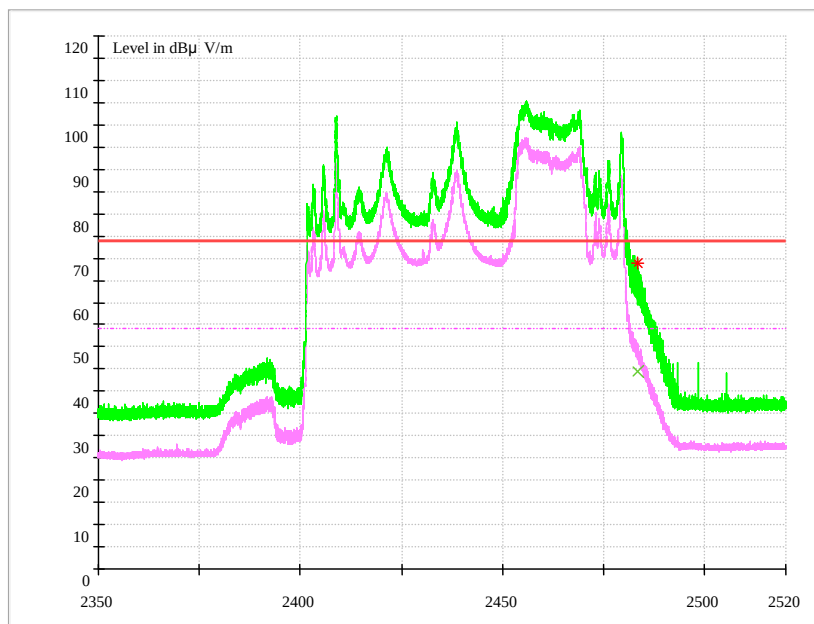
Note:

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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2483.5	44.58	54.00	9.42	150.0	H	1.0	-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)
2483.5	68.79	74.00	5.21	150.0	H	45.0	-6.8

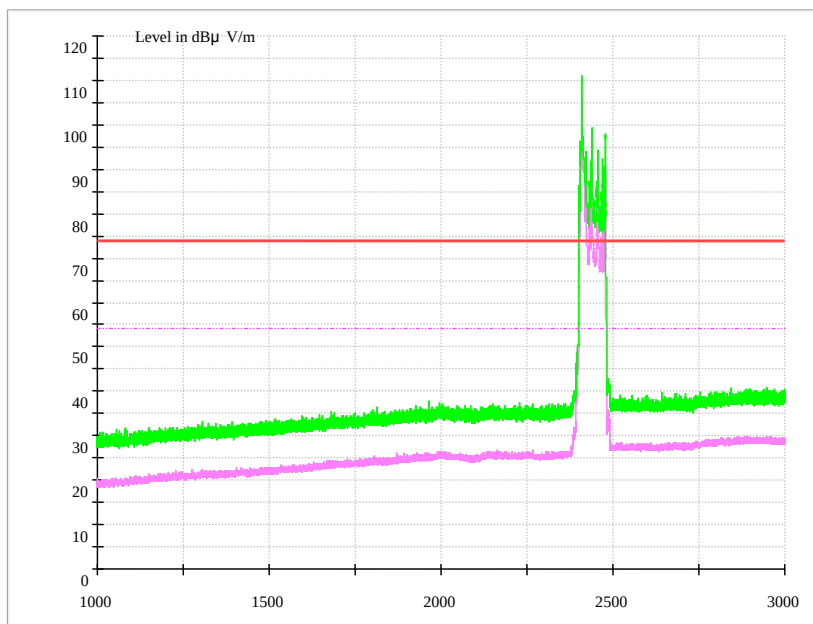
Note:

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

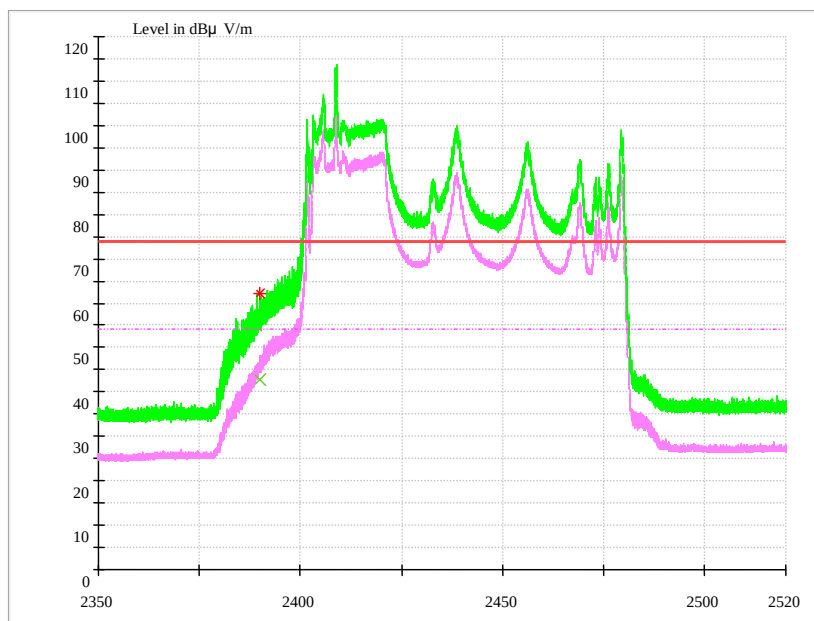
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

1.3.3 Test Mode: 11N20



1.3.3.1 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	42.89	54.00	11.11	150.0	H	175.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	62.17	74.00	11.83	150.0	H	197.0	-10.2

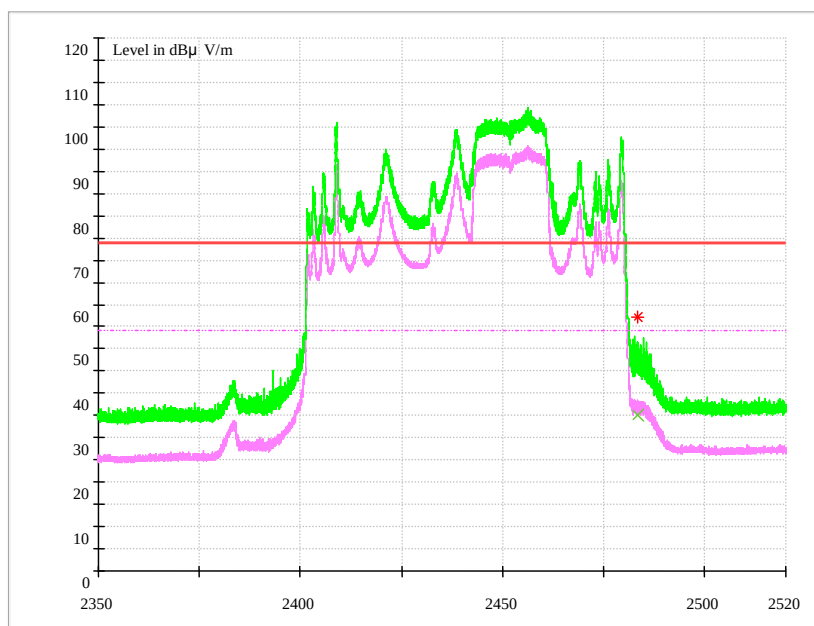
Note:

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

1.3.3.2 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)
2483.5	35.15	54.00	18.85	150.0	H	45.0	-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)
2483.5	57.13	74.00	16.87	150.0	H	64.0	-6.8

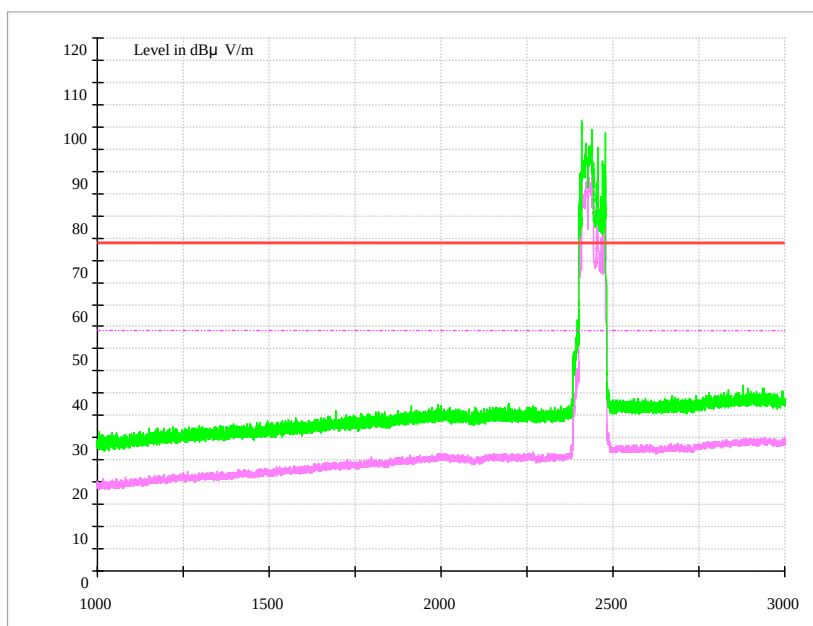
Note:

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

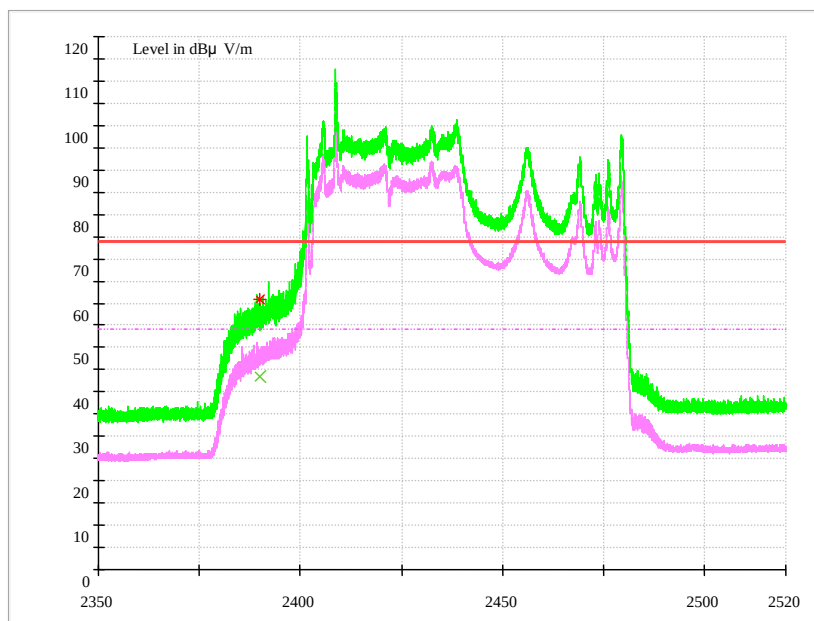
The reading level is calculated by software which is not shown in the sheet.

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)
2390	43.42	54.00	10.58	150.0	H	174.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2390	60.99	74.00	13.01	150.0	H	206.0	-10.2

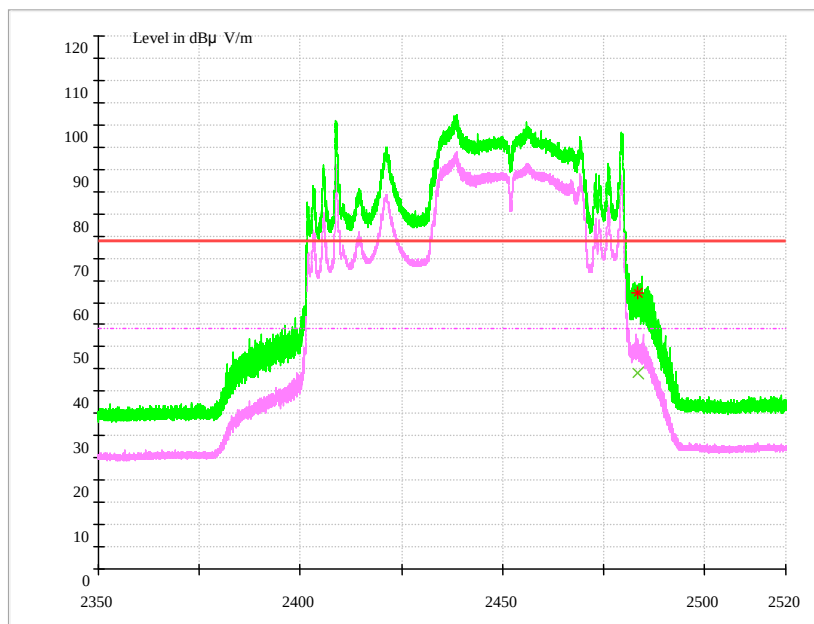
Note:

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



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBμ V/m)	Limit (dBμ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
2484.538500	44.13	54.00	9.87	150.0	H	176.0	-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)
2484.836600	62.17	74.00	11.83	150.0	H	214.0	-6.8

Note:

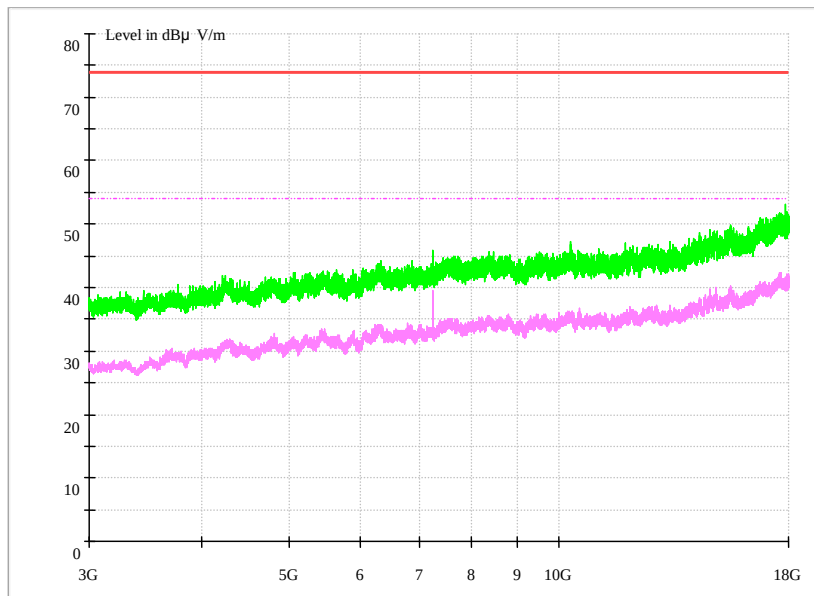
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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).



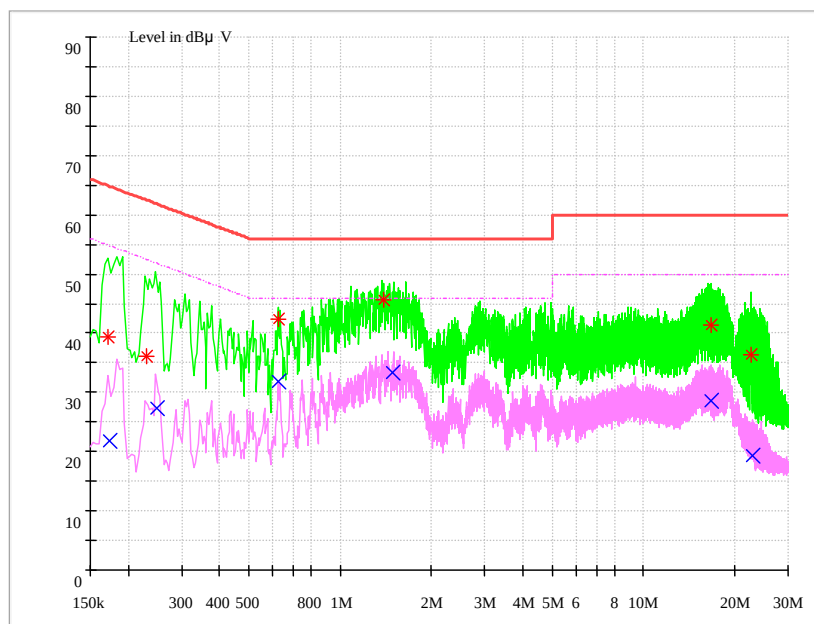


1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

NOTE: 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 (dBμV)	Limit (dBμV)	Transd. (dB)	Margin (dB)	Line	PE
0.173017	21.8	54.81	9.7	33.01	N	FLO
0.248996	27.36	51.79	9.7	24.43	N	FLO
0.623167	31.9	46	9.7	14.1	N	FLO
1.495948	33.38	46	9.7	12.62	N	FLO
16.683794	28.47	50	10.1	21.53	N	FLO
22.874107	19.31	50	10.2	30.69	N	FLO

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBμ V)	Limit (dBμ V)	Transd. (dB)	Margin (dB)	Line	PE
0.172583	39.39	64.83	9.7	25.44	N	FLO
0.229462	36.18	62.47	9.7	26.29	N	FLO
0.623208	42.28	56	9.7	13.72	N	FLO

1.396458	45.59	56	9.7	10.41	N	FLO
16.714466	41.26	60	10.1	18.74	N	FLO
22.661363	36.33	60	10.2	23.67	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

END