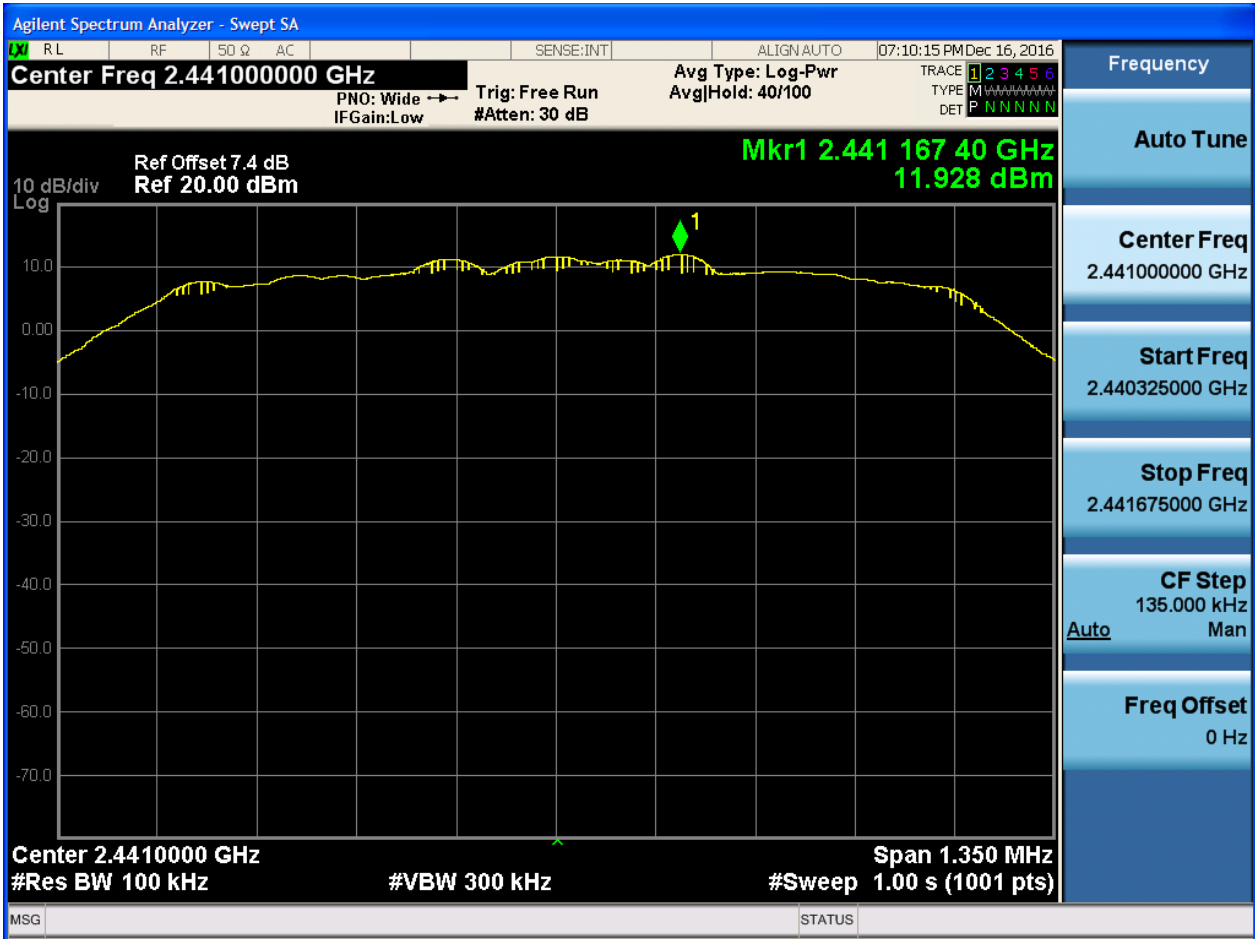


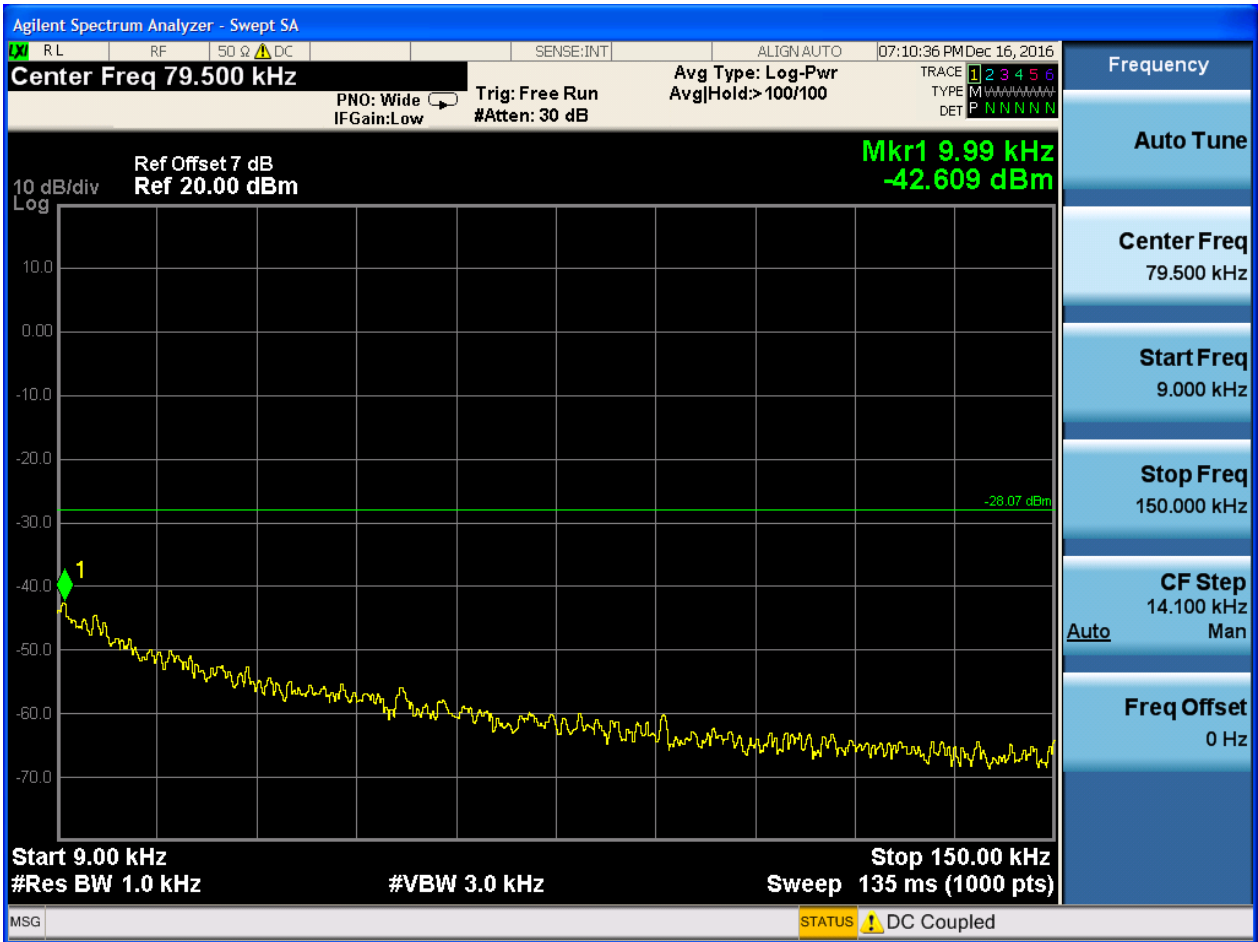


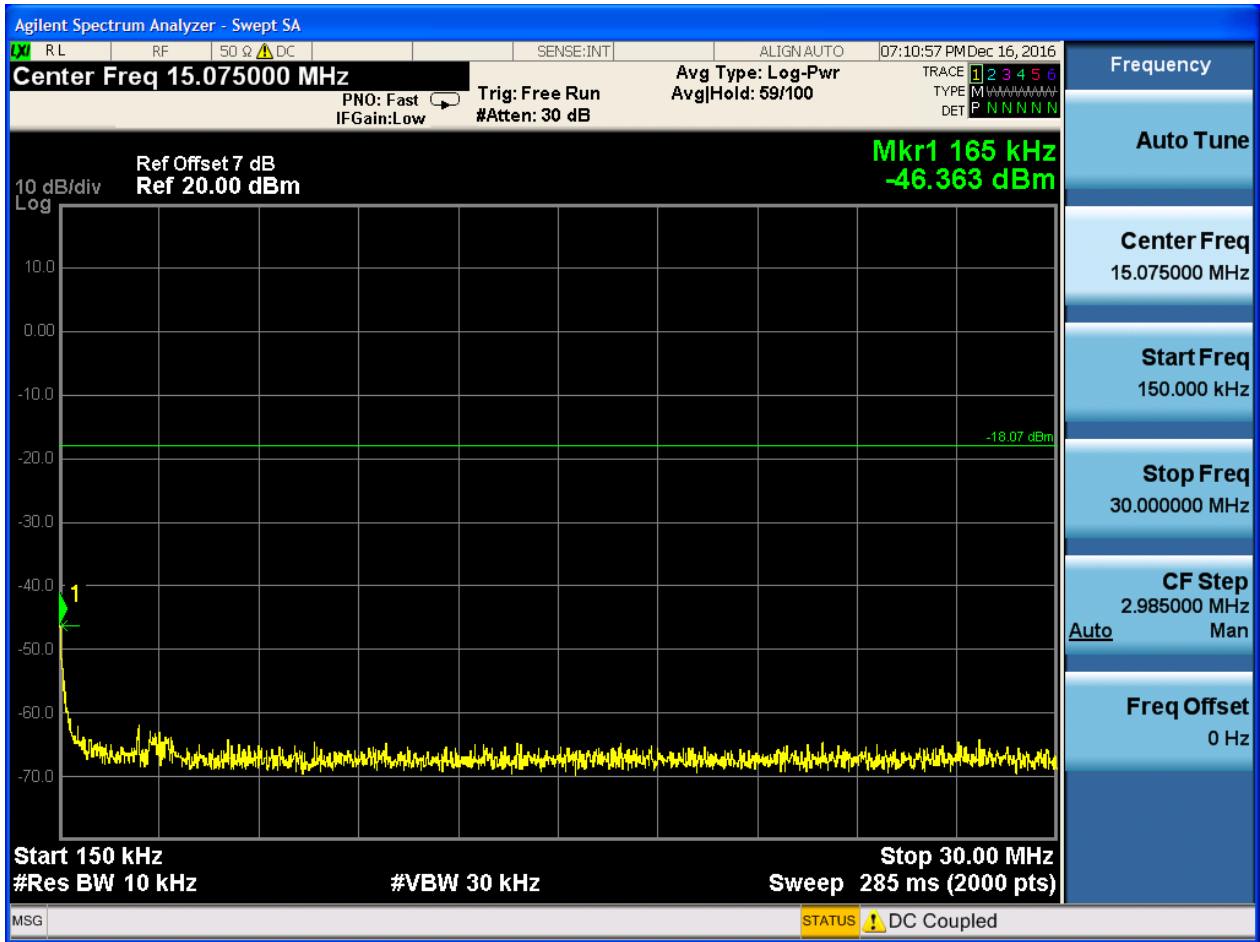
2.8 TM3_3DH5_Ch39

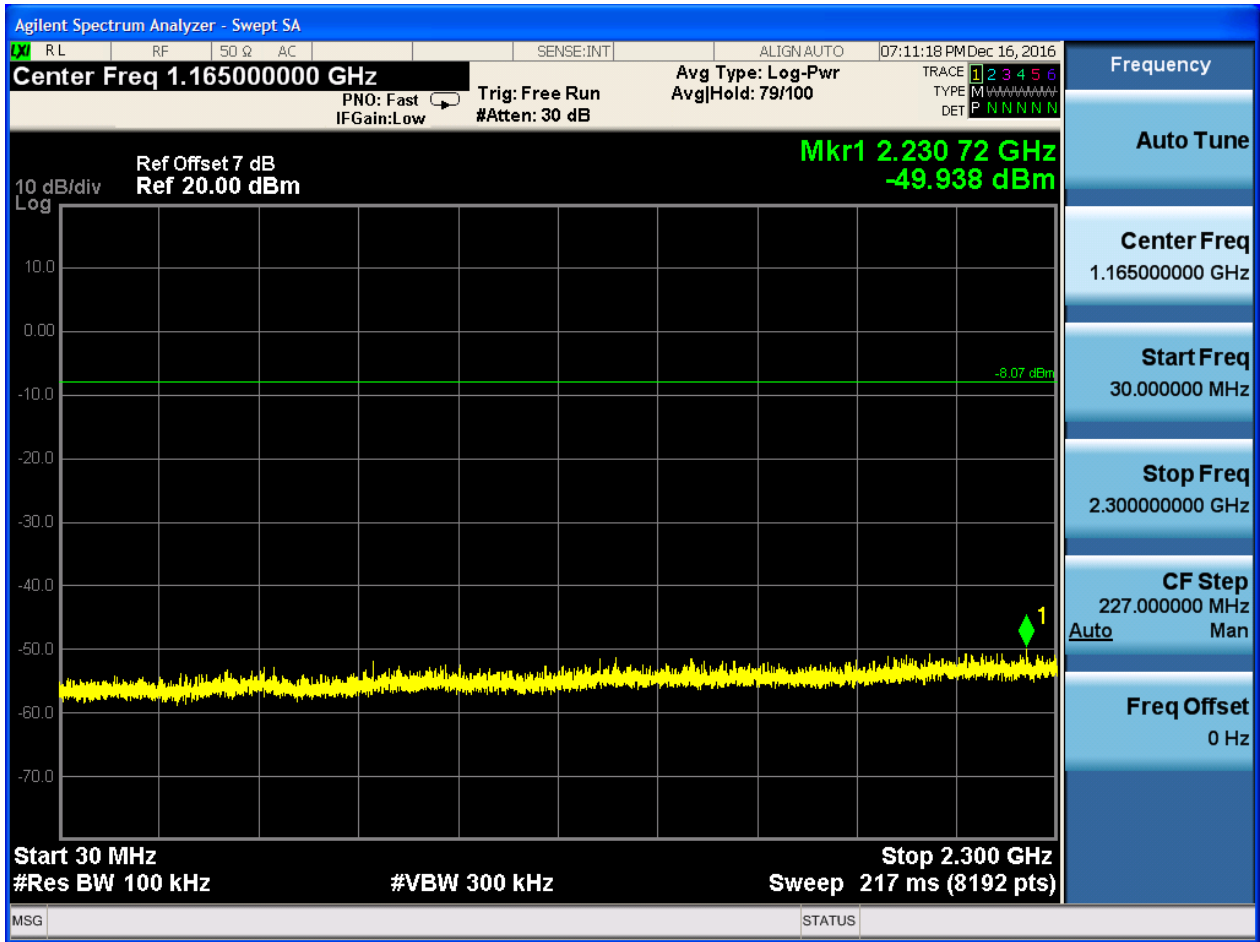
2.8.1 Pref

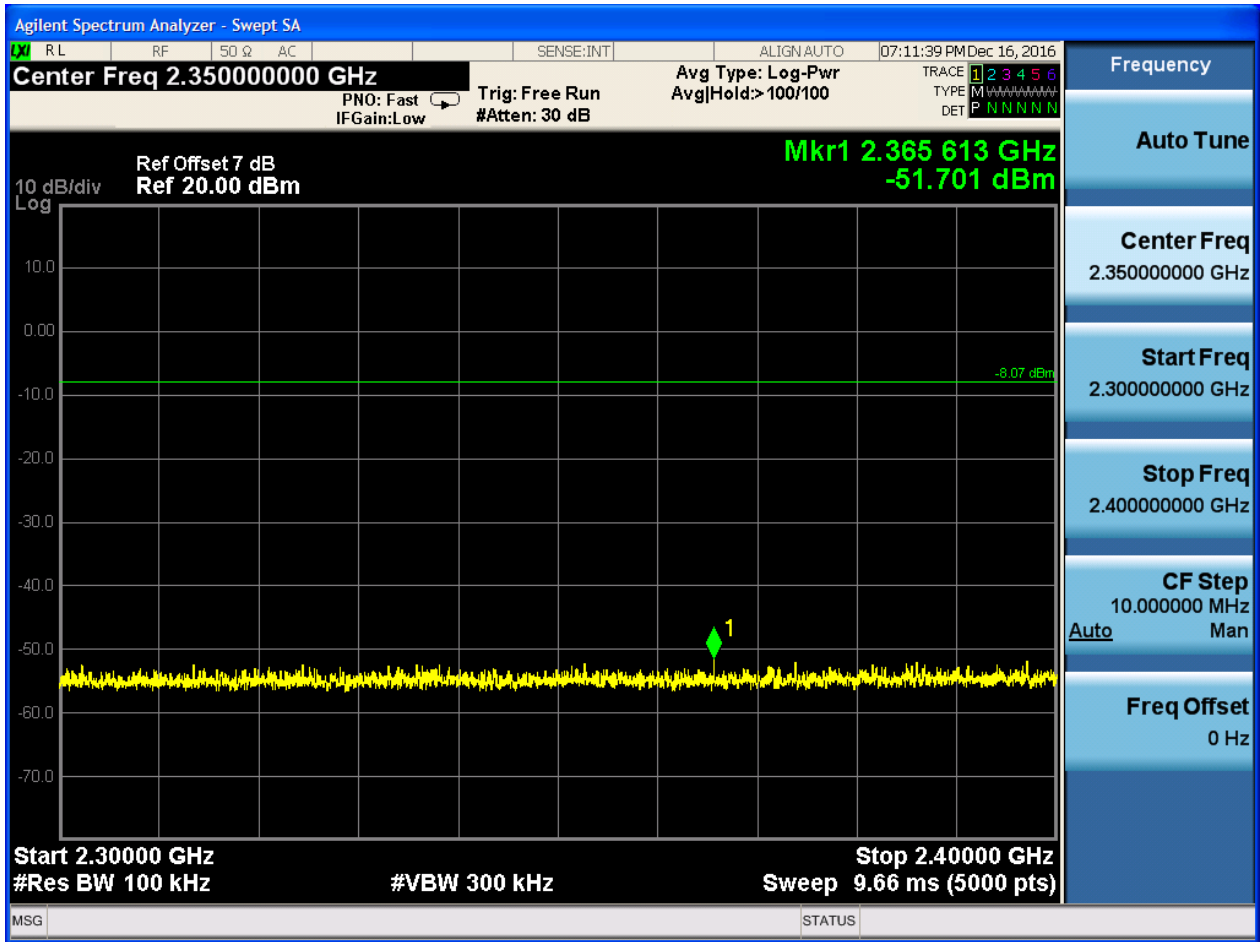


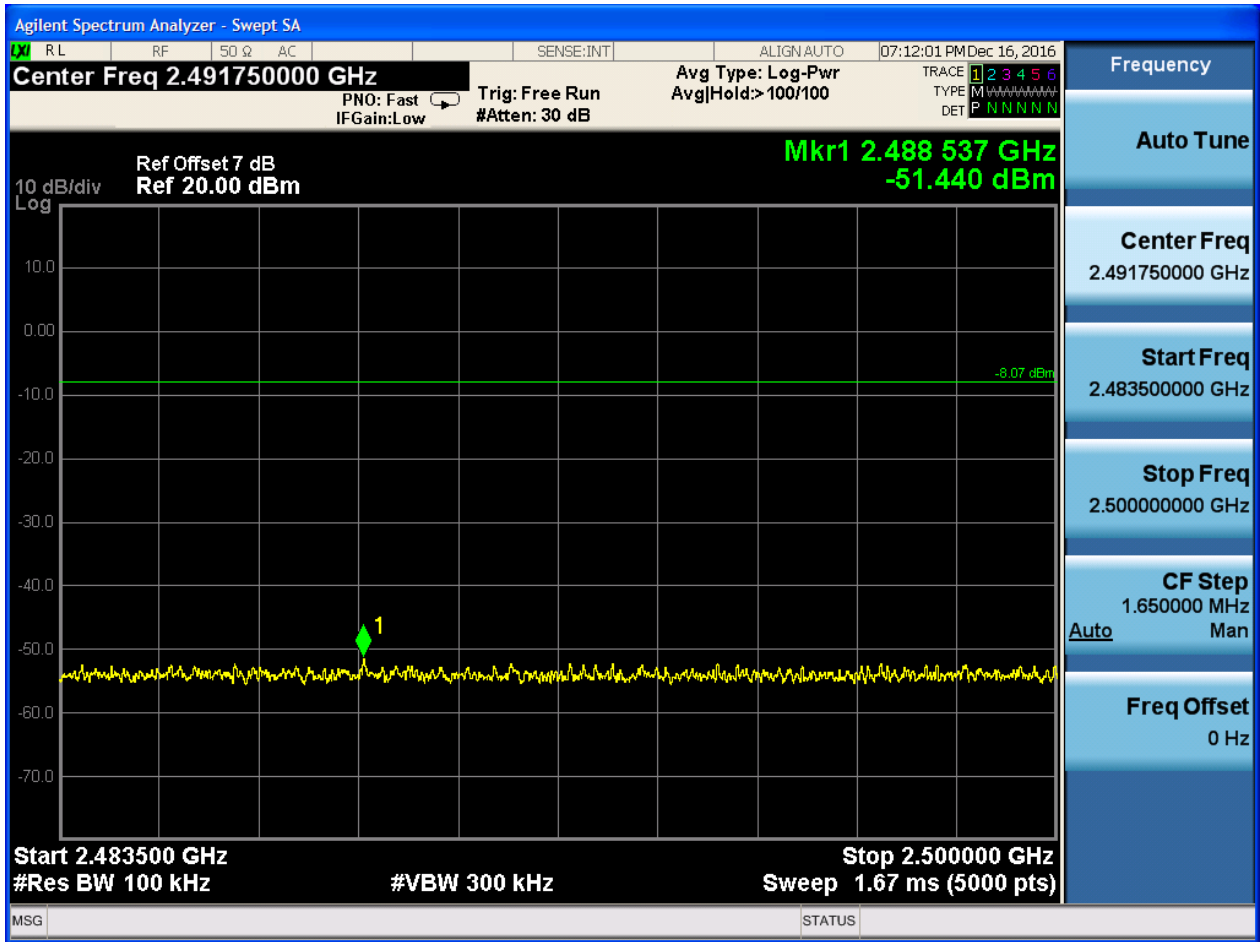
2.8.2 Puw

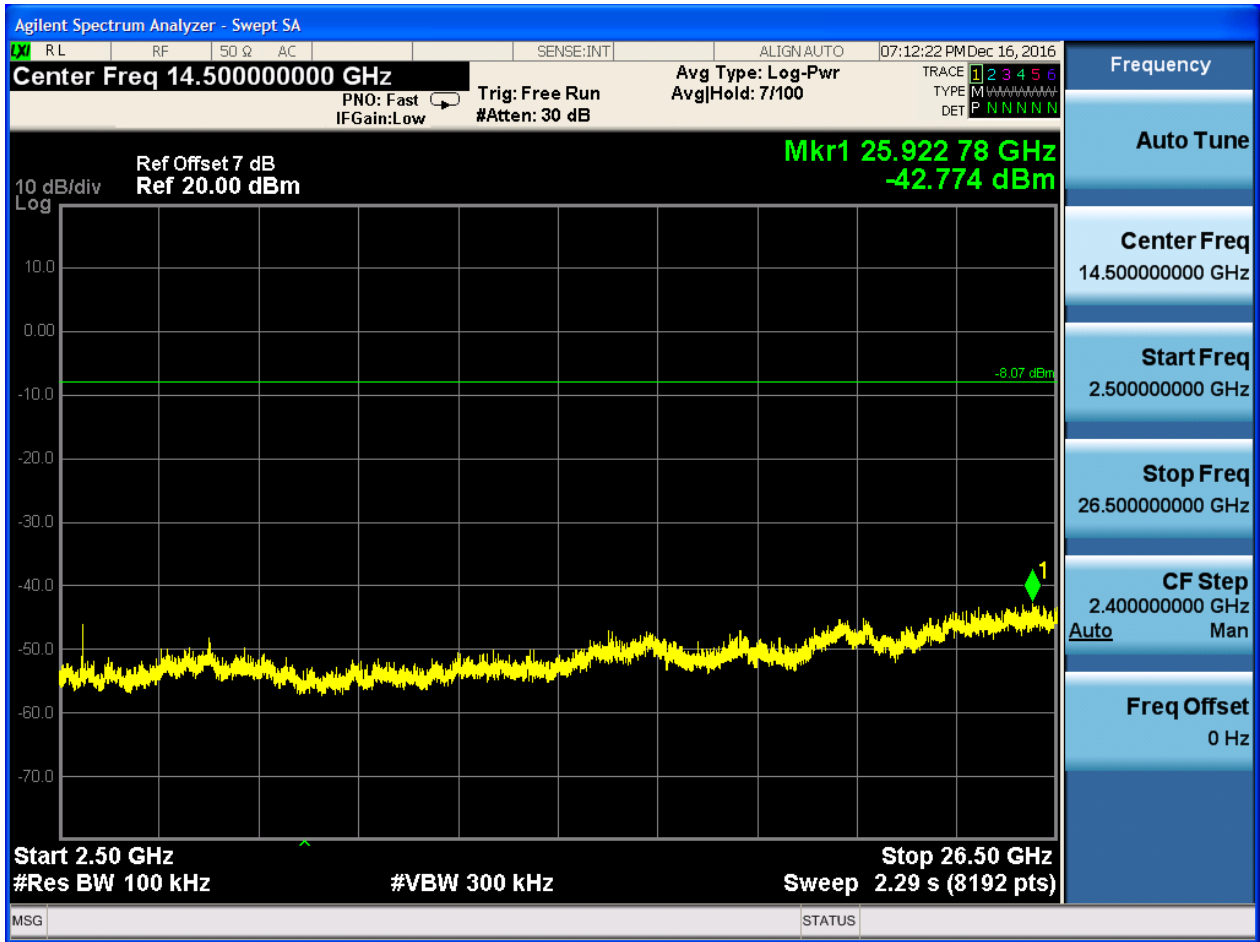














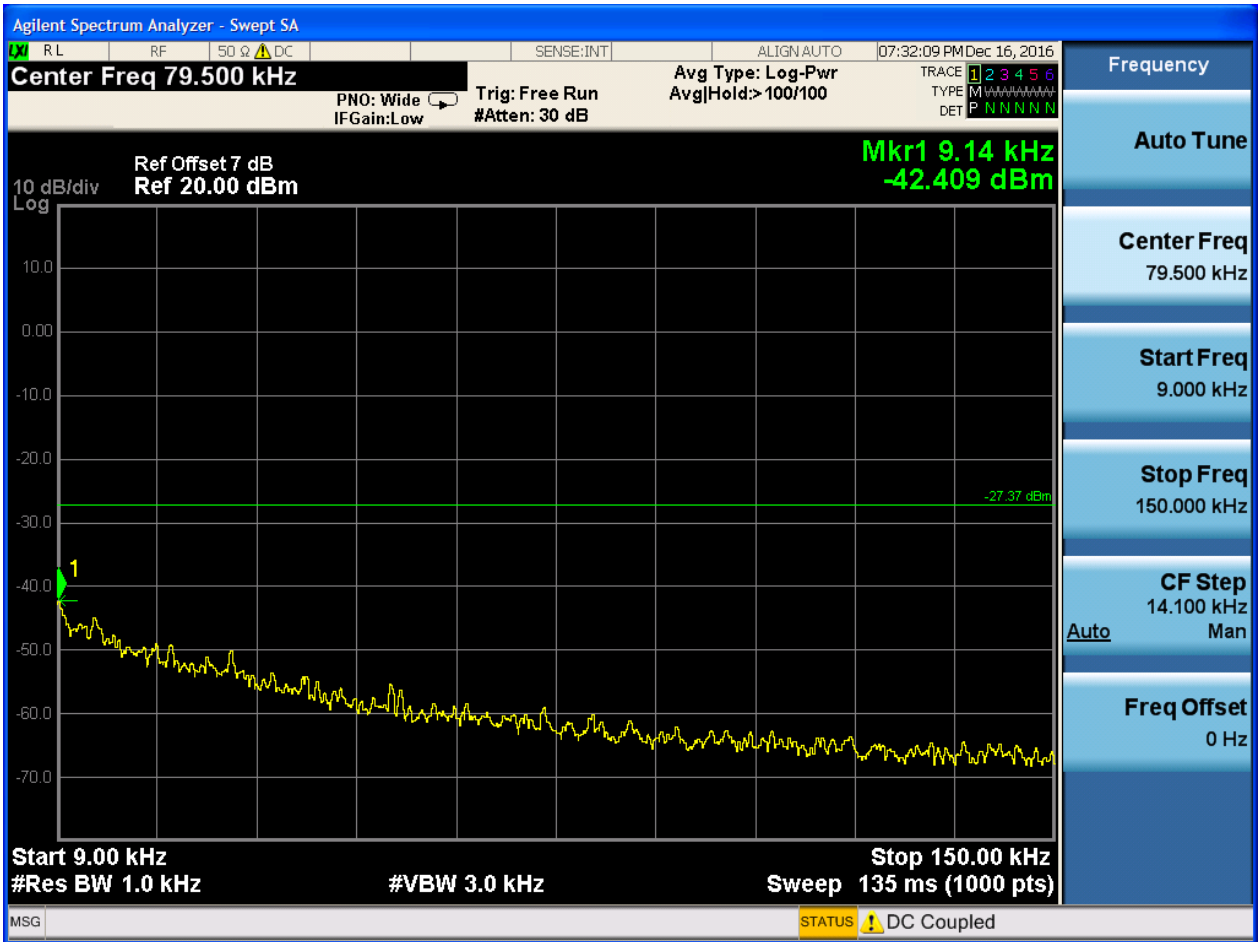
2.9 TM3_3DH5_Ch78

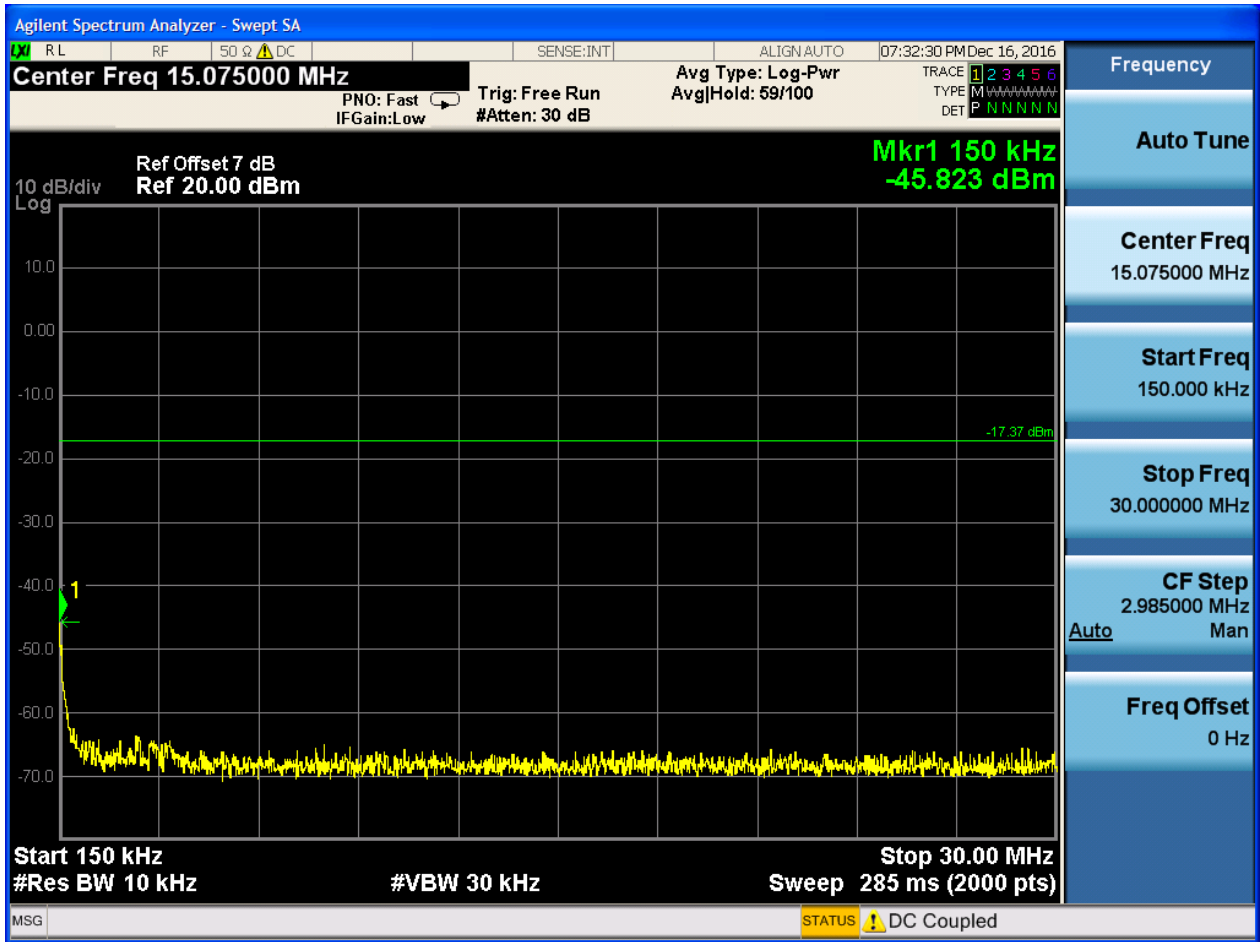
2.9.1 Pref

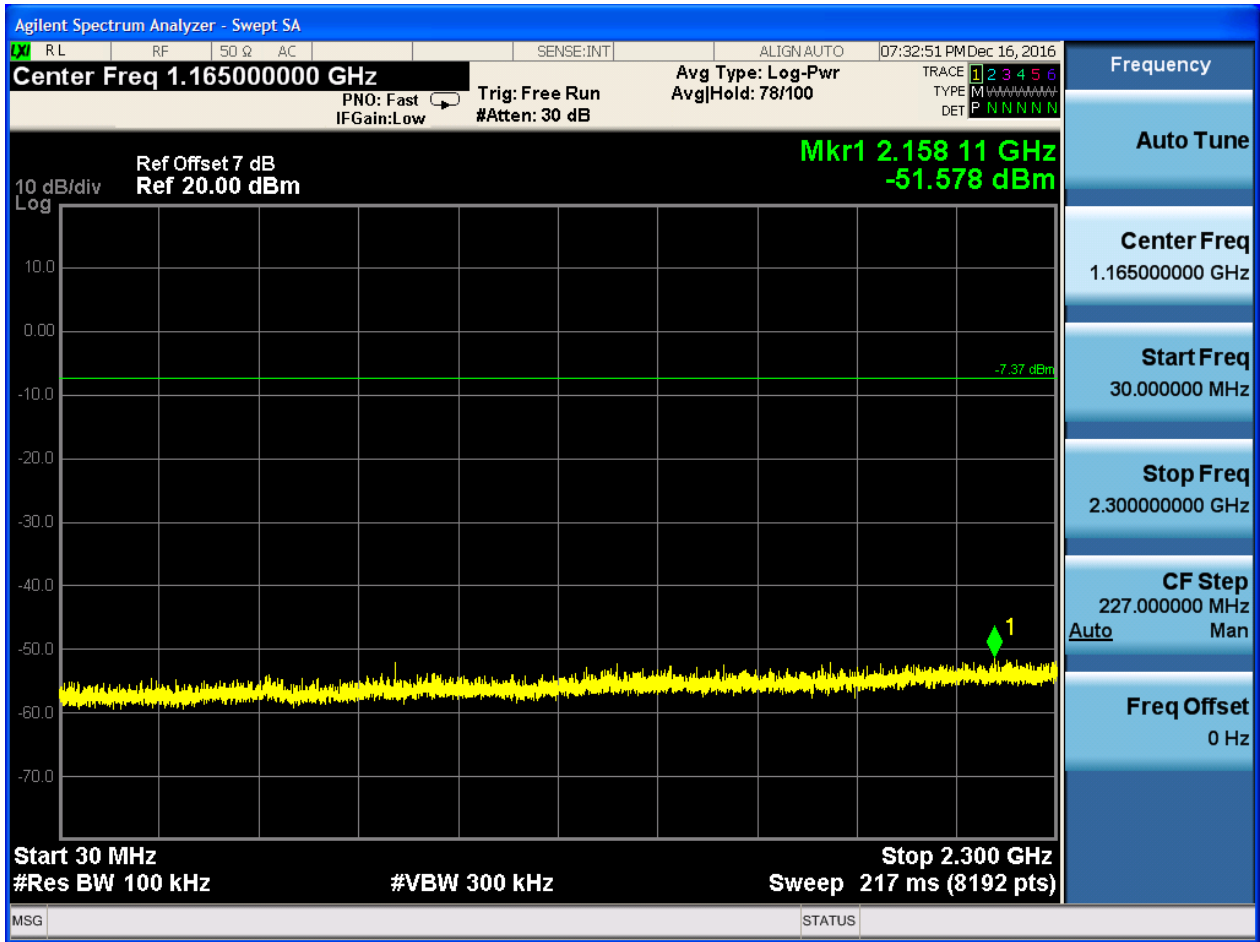


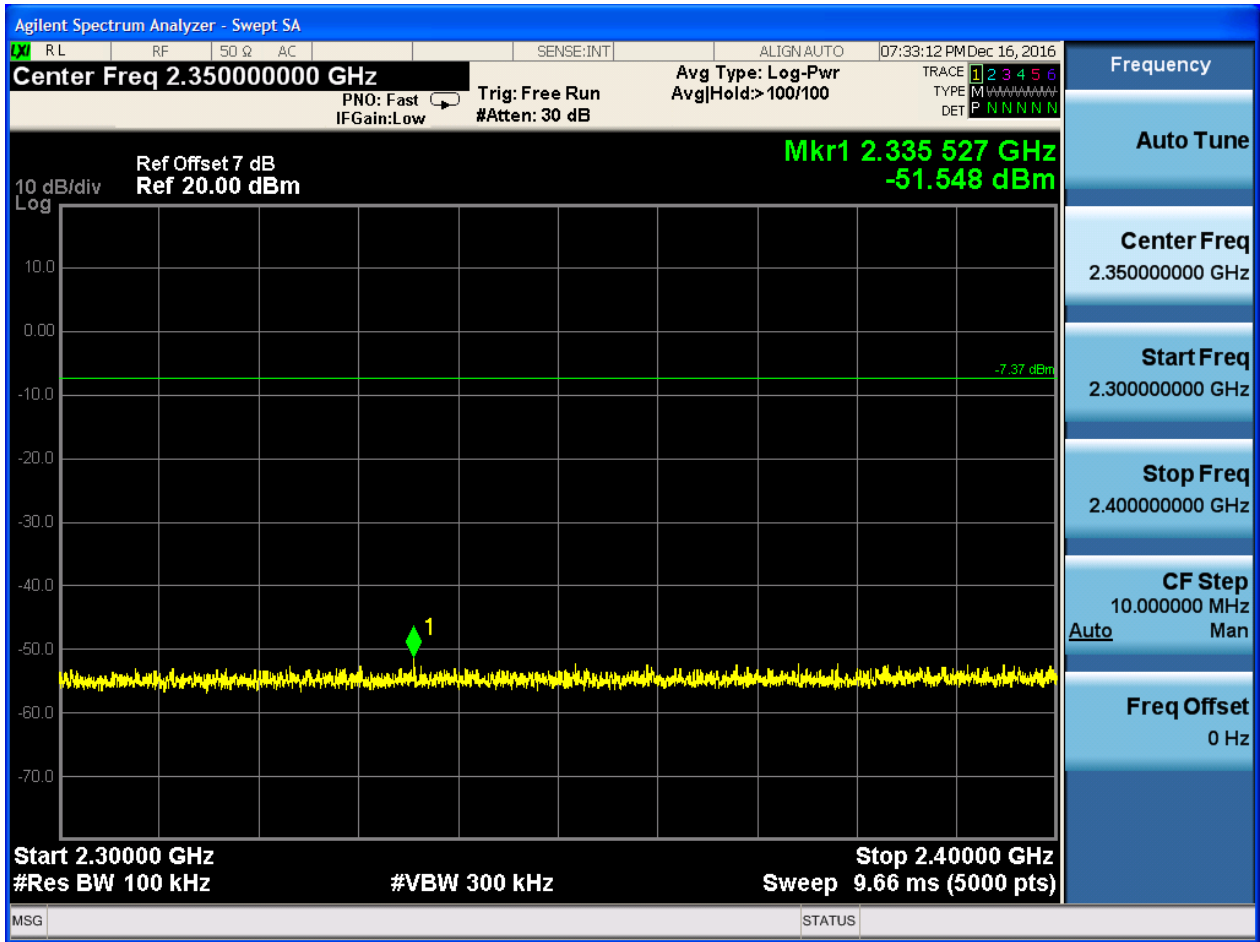


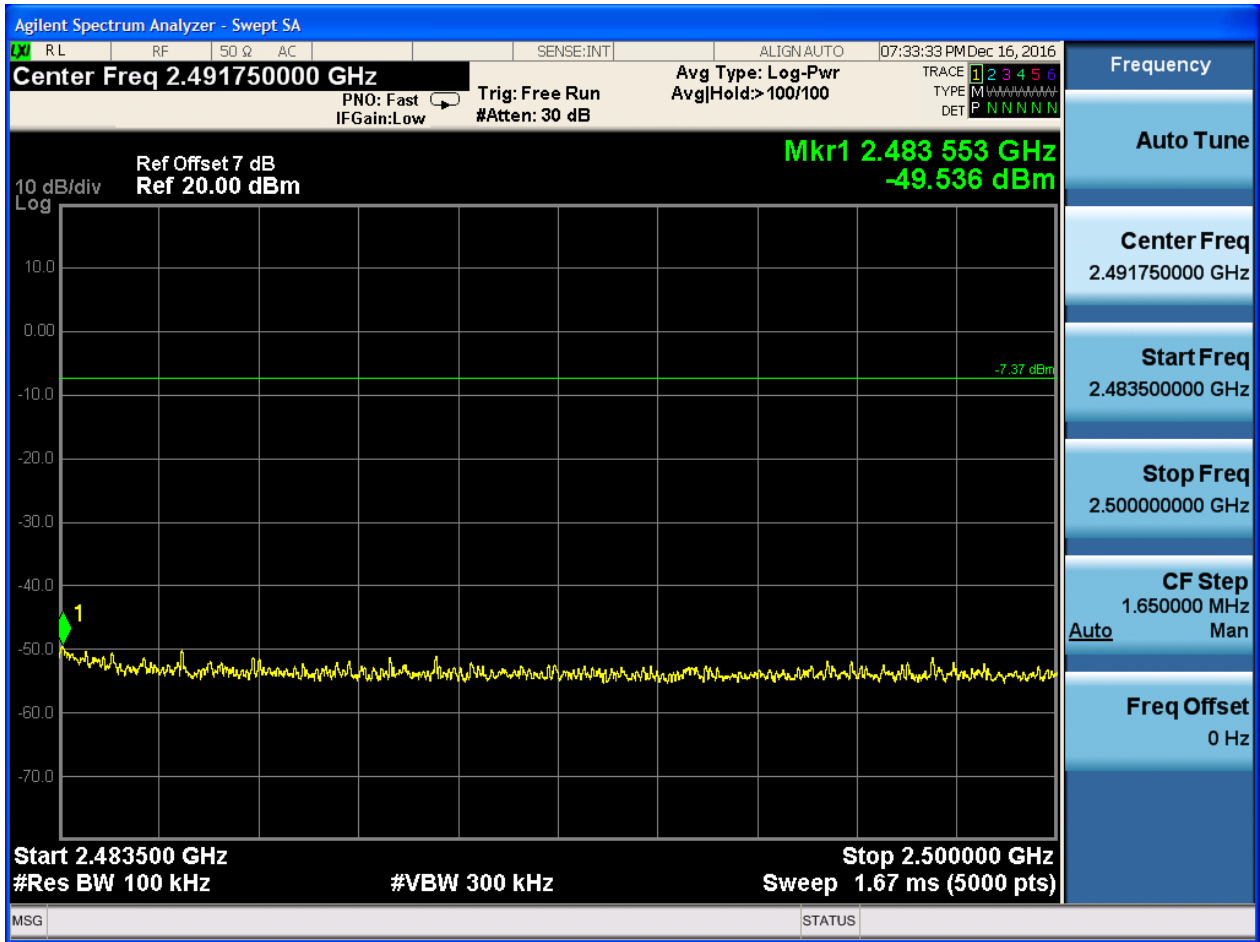
2.9.2 Puw

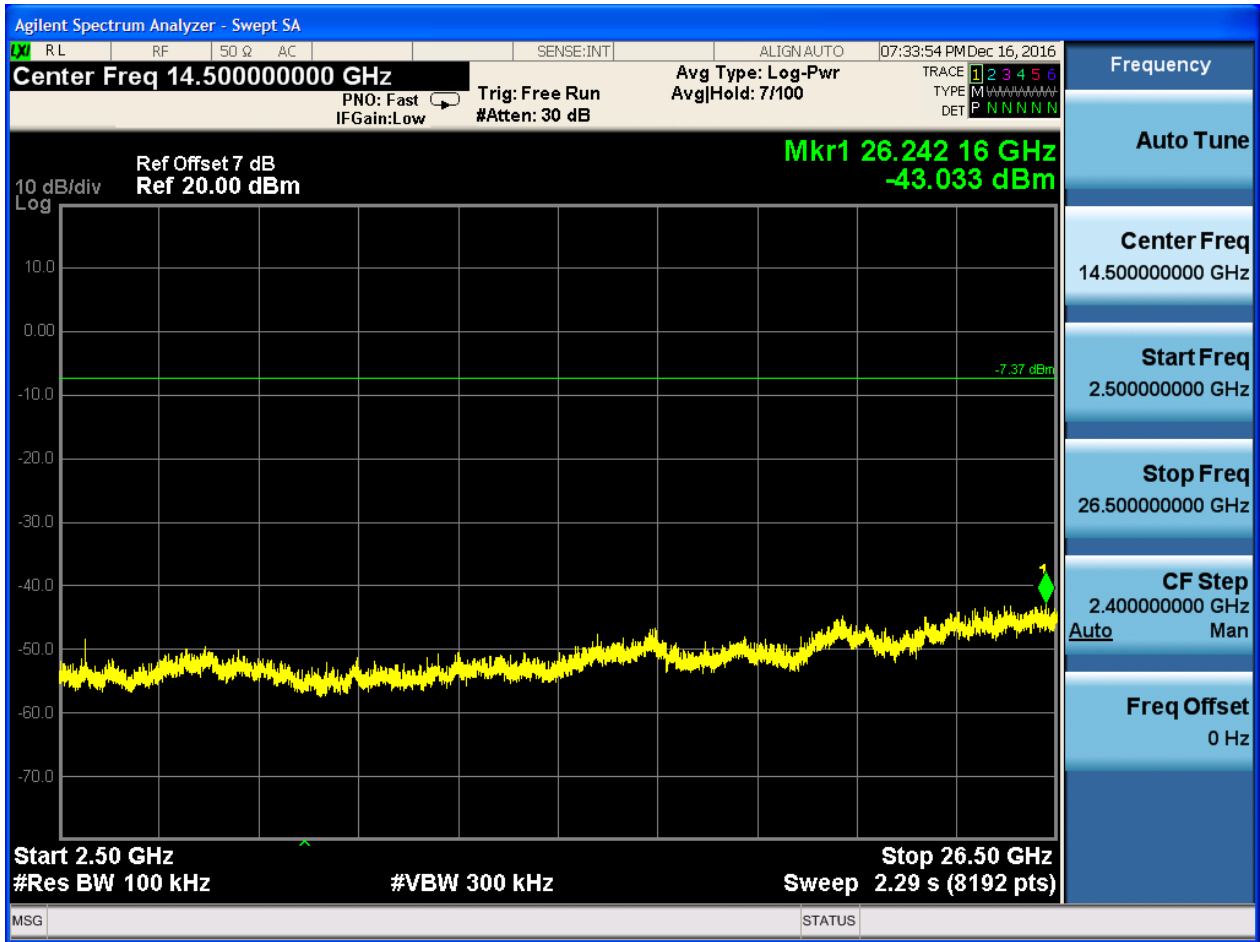














Appendix H: Radiated Emissions in the Restricted Bands



1 Result Table

The whole testing range is from “30 MHz to 26.5 GHz (10th harmonics)” is divided into 4 parts according to the test site settings, which are:

- (Part 1): Test range of “30 MHz to 1 GHz”,
- (Part 2): Test range of “18 GHz to 26.5 GHz”.
- (Part 3): Test range of “3 GHz to 18 GHz”, and
- (Part 4): Test range of “1 GHz to 3 GHz”.

In this Appendix, only the test results and plots under the worst case can be reported. In the result table, the “< Limit” denotes that “Not found obvious spikes or see marked spikes on plots and listed emissions records”.

Test Range	EUT Conf.	Emissions	Verdict
30 MHz to 1 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass
1 GHz to 3 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass
	TM1_DH5_Ch78 (Worst Conf.)	< Limit	Pass
3 GHz to 18 GHz	TM1_DH5_Ch0 (Worse Conf.)	< Limit	Pass
18 GHz to 26.5 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass

2 Result Plot

2.1 Test range of “9KHz MHz to 30MHz”

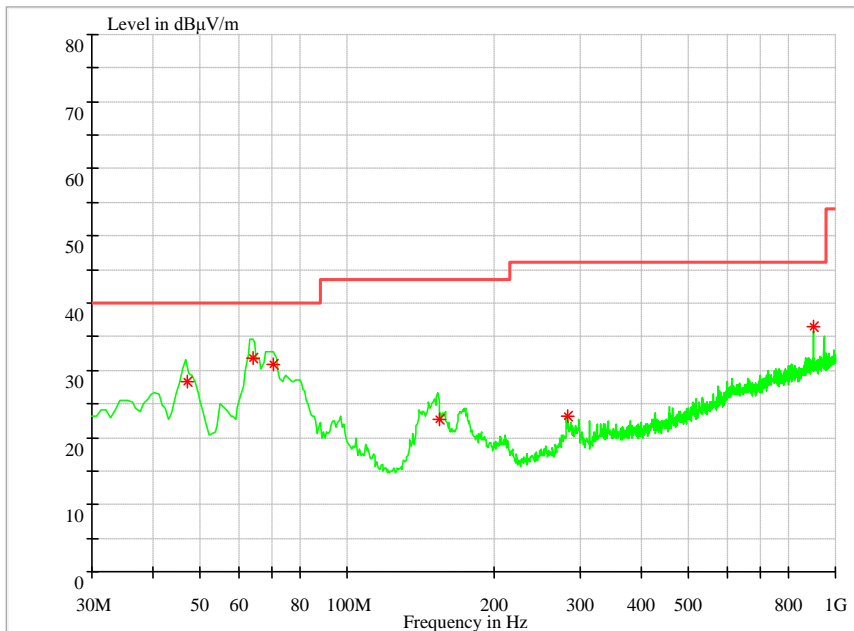
NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

2.2 Test 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).

2.2.1 TM1_DH5_Ch0 (Worst Conf.)



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
47.141142	28.32	40.00	11.68	119.0	V	149.0	15.3
64.277429	31.73	40.00	8.27	100.0	V	149.0	11.7
70.479142	30.76	40.00	9.24	100.0	V	220.0	10.5
154.064000	22.72	43.50	20.78	100.0	V	282.0	10.1
282.270000	23.13	46.00	22.87	117.0	H	64.0	15.0
902.425714	36.44	46.00	9.56	177.0	H	261.0	25.2

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

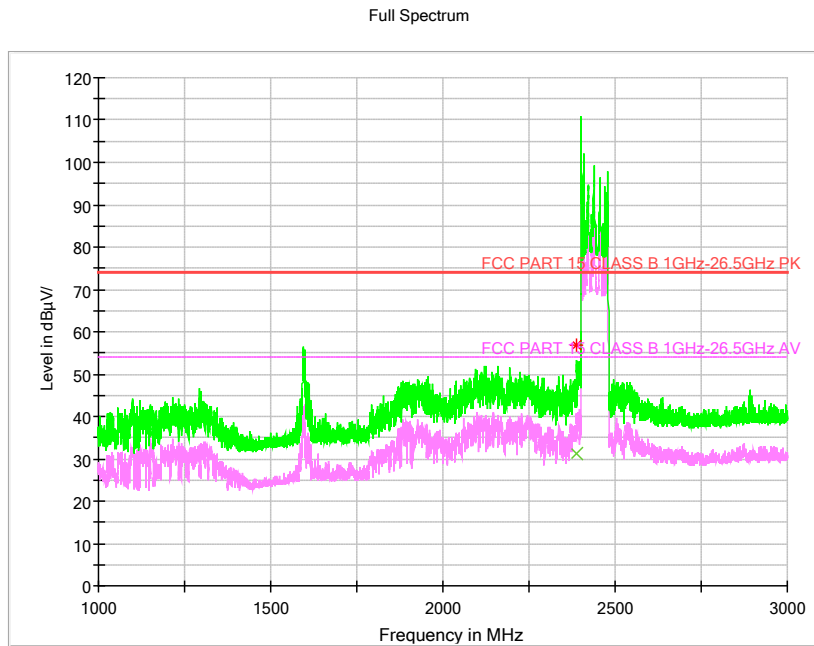
2.3 Test range of “1 GHz to 3 GHz”

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.

2.3.1 TM1_DH5_Ch0



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	31.22	54.00	22.78	100.0	V	313.0	-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	56.73	74.00	17.27	100.0	V	315.0	-7.6

Note2:

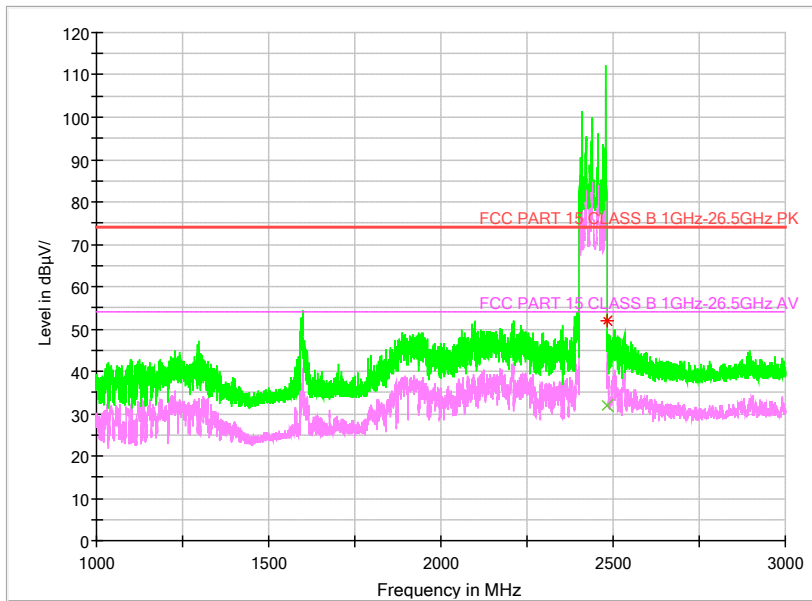
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

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

2, Margin=Limit - Level

2.3.2 TM1_DH5_Ch78

Full Spectrum



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)
2483.500000	31.76	54.00	22.24	100.0	V	253.0	-5.4

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)
2483.500000	51.84	74.00	22.16	100.0	V	252.0	-5.4

Note2:

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

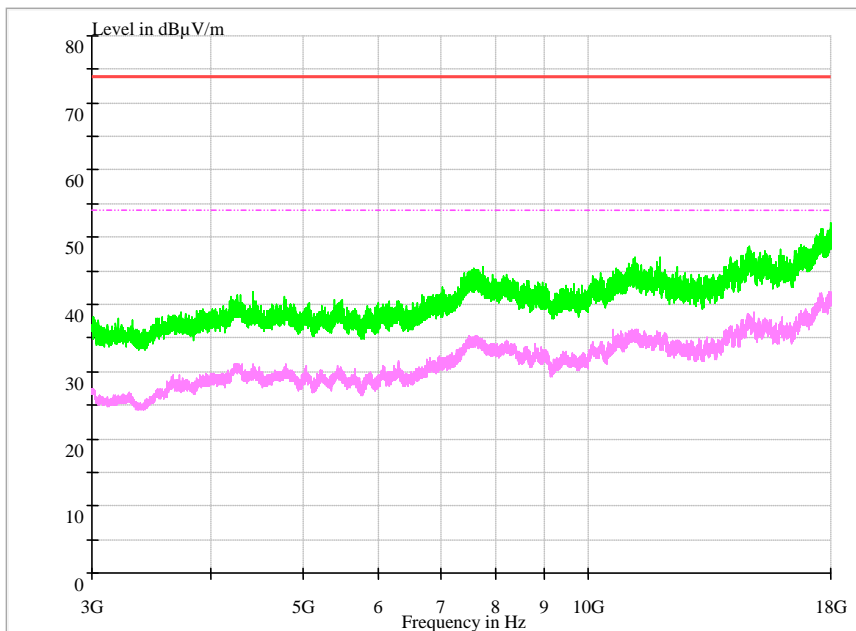
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

2.4 Test 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).

2.4.1 TM1_DH5_Ch0 (Worst Conf.)



2.5 Test range of “18 GHz to 26.5 GHz”

NOTE1: No peak found in the Test Range of “18 GHz to 26.5GHz”



Appendix I: AC Power Line Conducted Emissions



1 Result Table

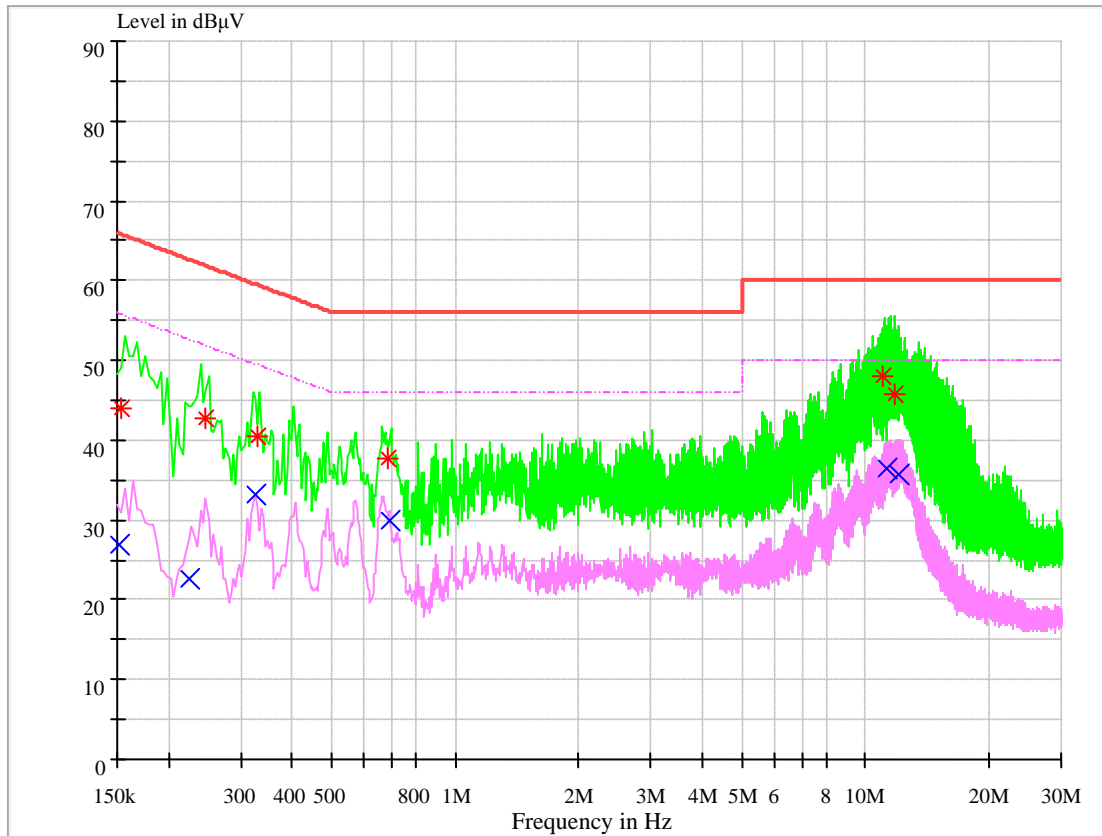
In this Appendix, only the test results and plots under the worst case can be reported.

EUT Conf.	Maximum Emissions	Verdict
TM1_DH5_Ch39	Not found obvious spikes or see marked spikes on plots and listed emissions records.	Pass

2 Result Plot

2.1 TM1_DH5_Ch39

Channel 39



**MEASUREMENT RESULT: AV Detector**

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.151902	26.94	55.9	9.7	28.96	L1	FLO
0.224757	22.57	52.64	9.7	30.07	L1	FLO
0.326159	33.28	49.55	9.7	16.27	L1	FLO
0.689562	29.94	46	9.7	16.06	L1	FLO
11.219021	36.35	50	10	13.65	N	FLO
12.09759	35.77	50	10	14.23	N	FLO

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dB μ V)	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.15412	43.99	65.78	9.7	21.79	N	FLO
0.245234	42.72	61.92	9.7	19.2	N	FLO
0.329274	40.54	59.47	9.7	18.93	N	FLO
0.683306	37.78	56	9.7	18.22	L1	FLO
11.077846	47.94	60	10	12.06	N	FLO
11.838109	45.88	60	10	14.12	N	FLO

Note2:

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