



Appendix A: 6dB Emission Bandwidth (EBW)



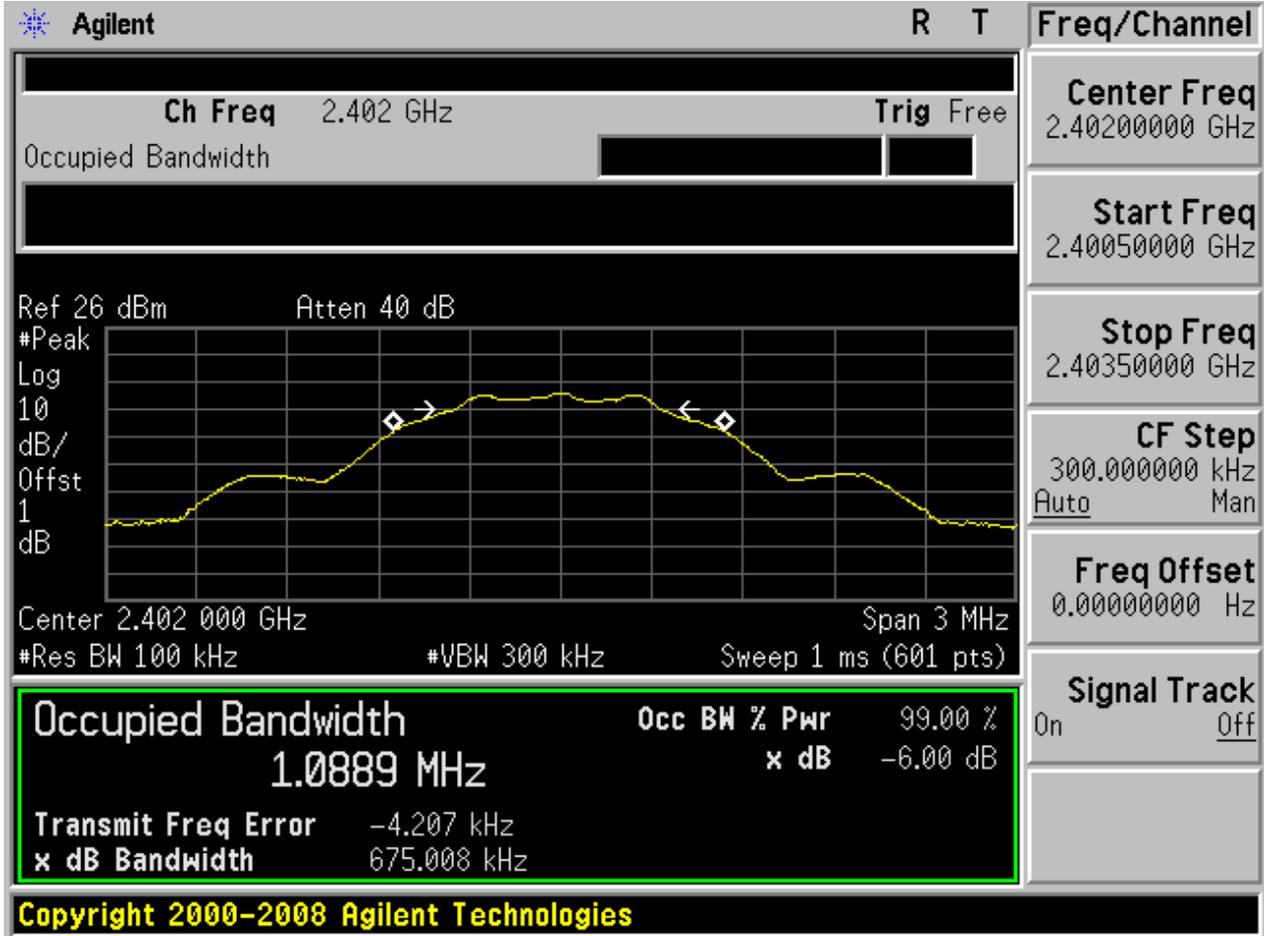
1 Result Table

EUT Conf.	EBW [MHz]	Verdict
TM1_DH5_Ch0	1.09	Pass
TM1_DH5_Ch19	1.09	Pass
TM1_DH5_Ch39	1.09	Pass

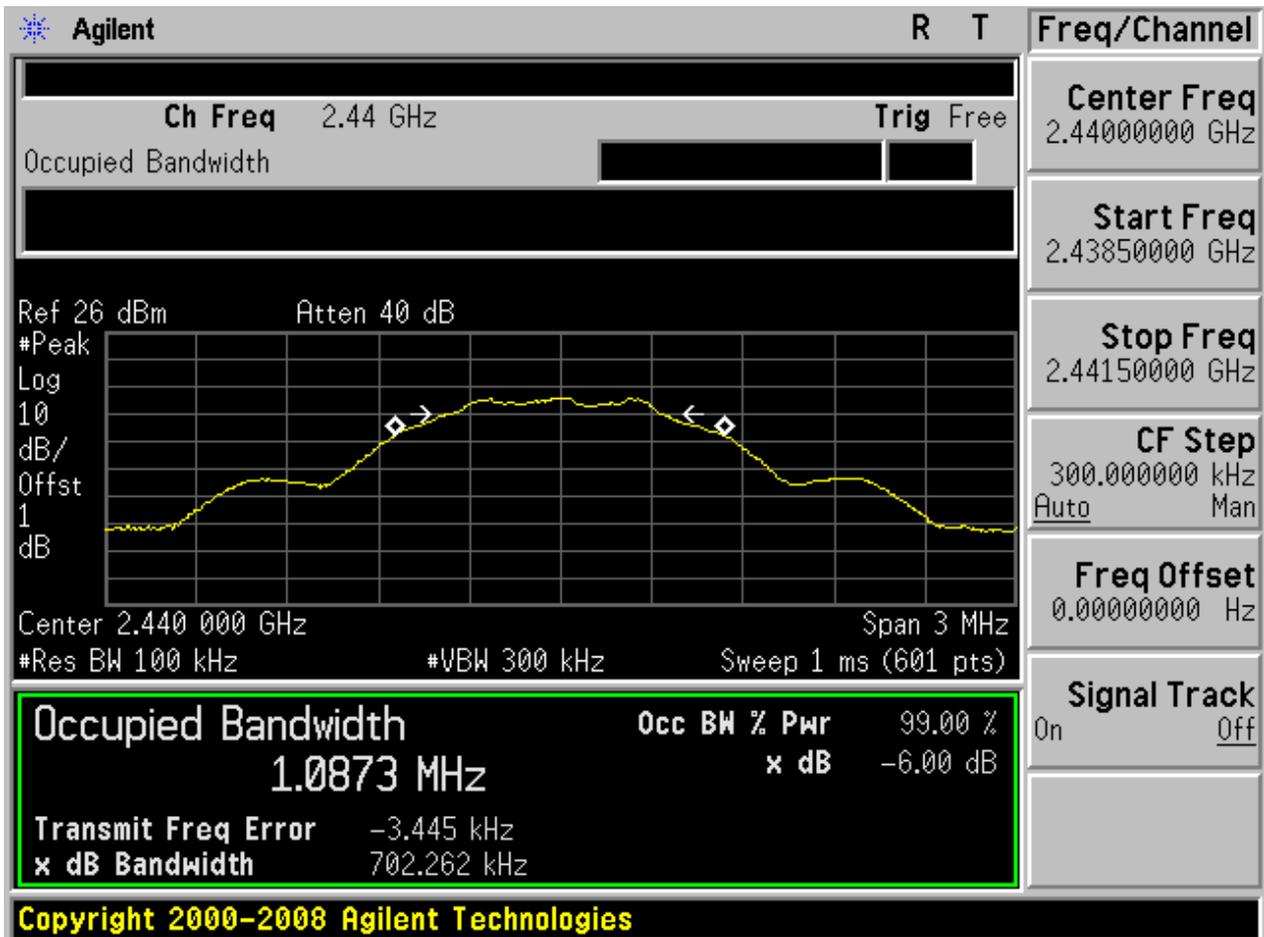


2 Test Plot

2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





Appendix B: Maximum Peak Conducted Output Power



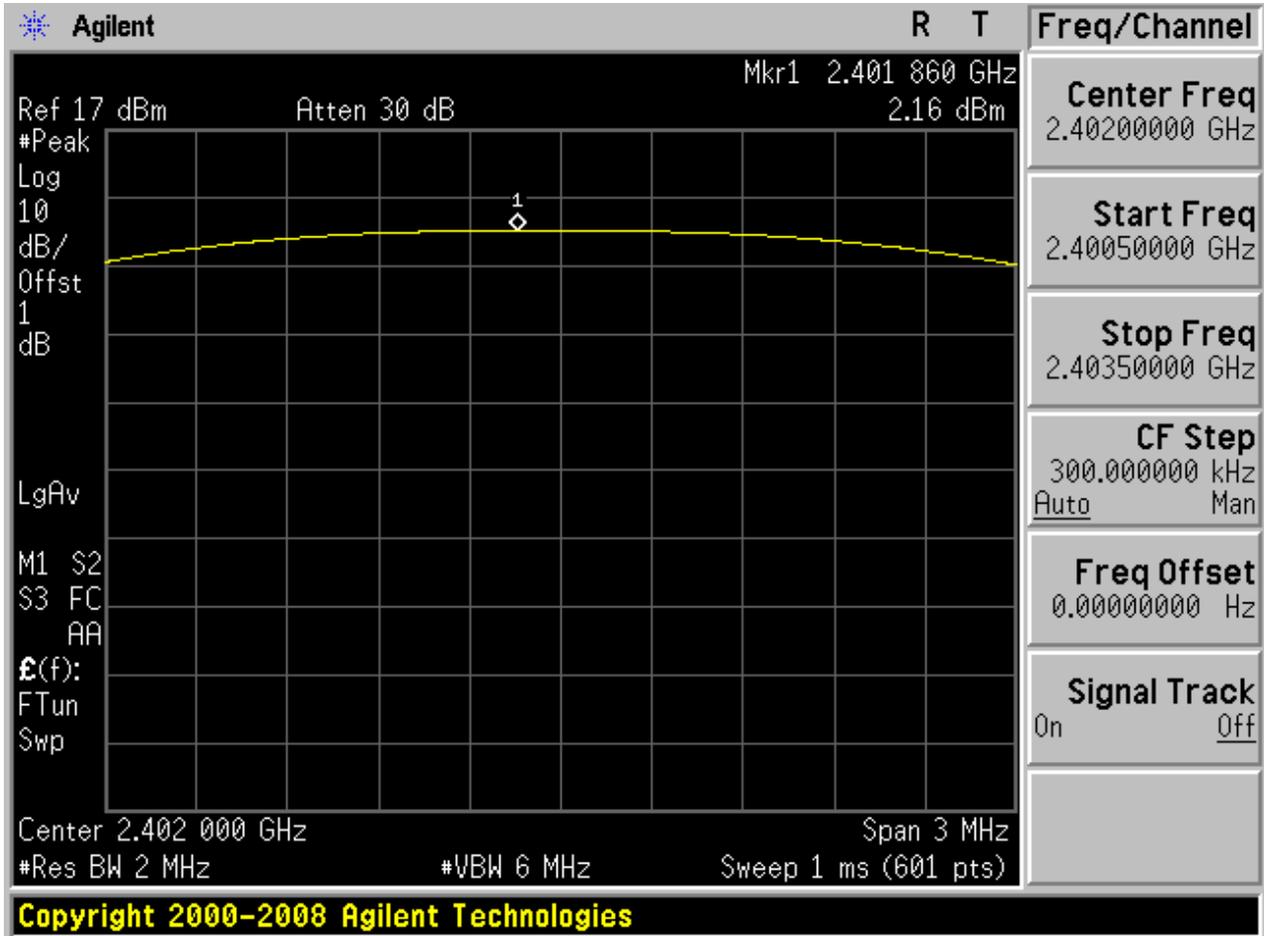
1 Result Table

EUT Conf.	Max. Peak Power [dBm]	Verdict
TM1_DH5_Ch0	2.16	Pass
TM1_DH5_Ch19	2.26	Pass
TM1_DH5_Ch39	3.27	Pass



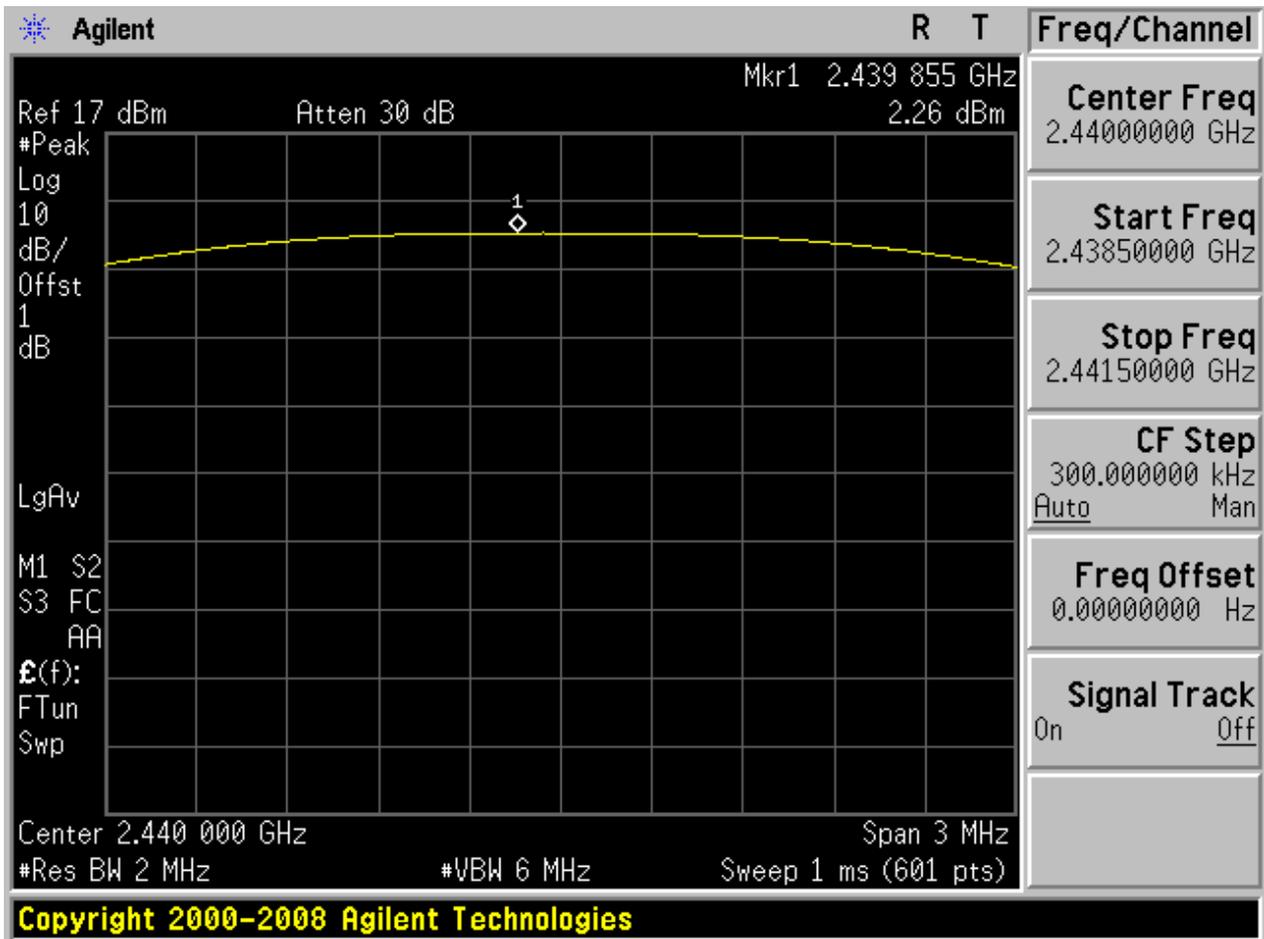
2 Test Plot

2.1 TM1_DH5_Ch0



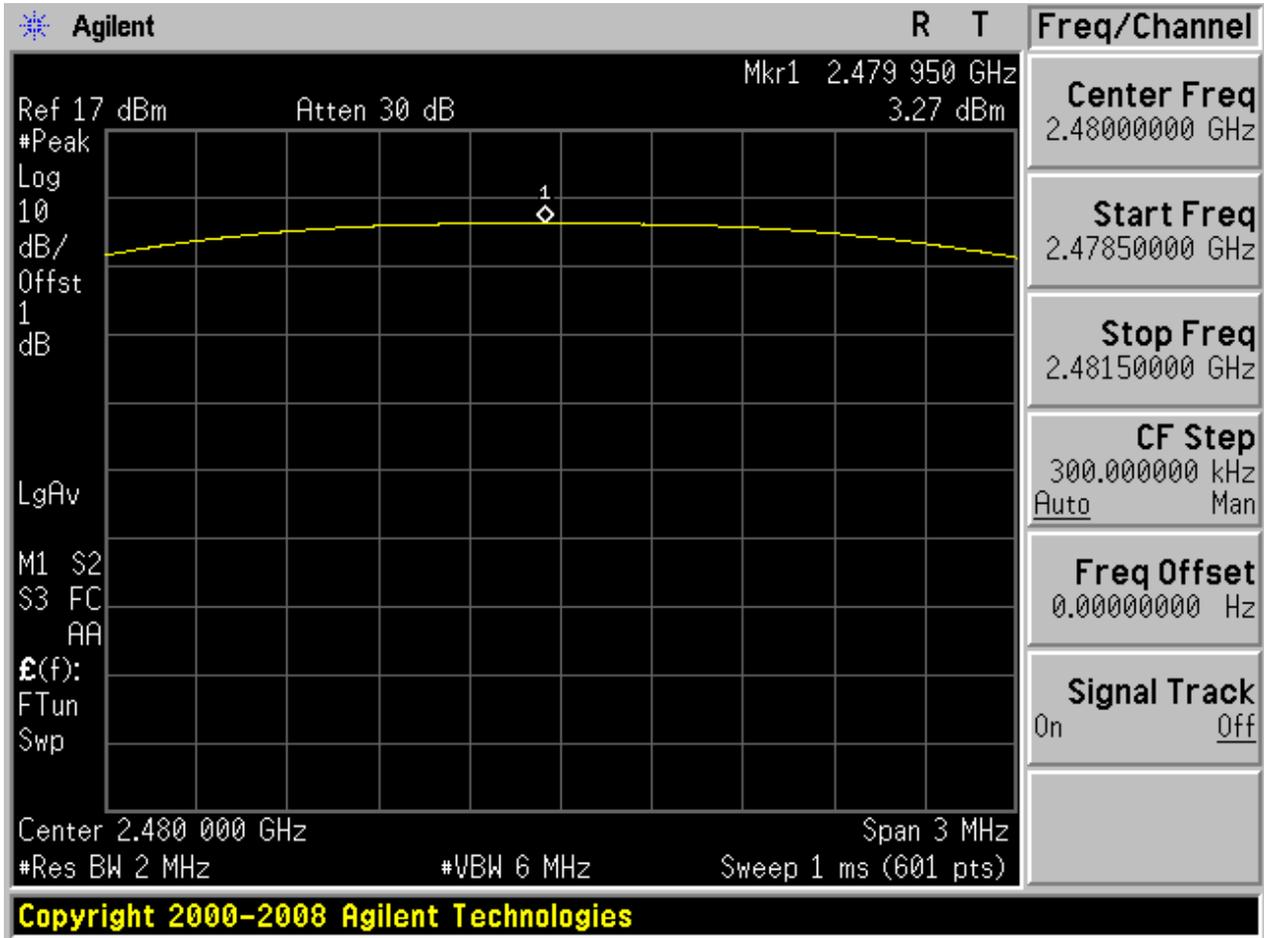


2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





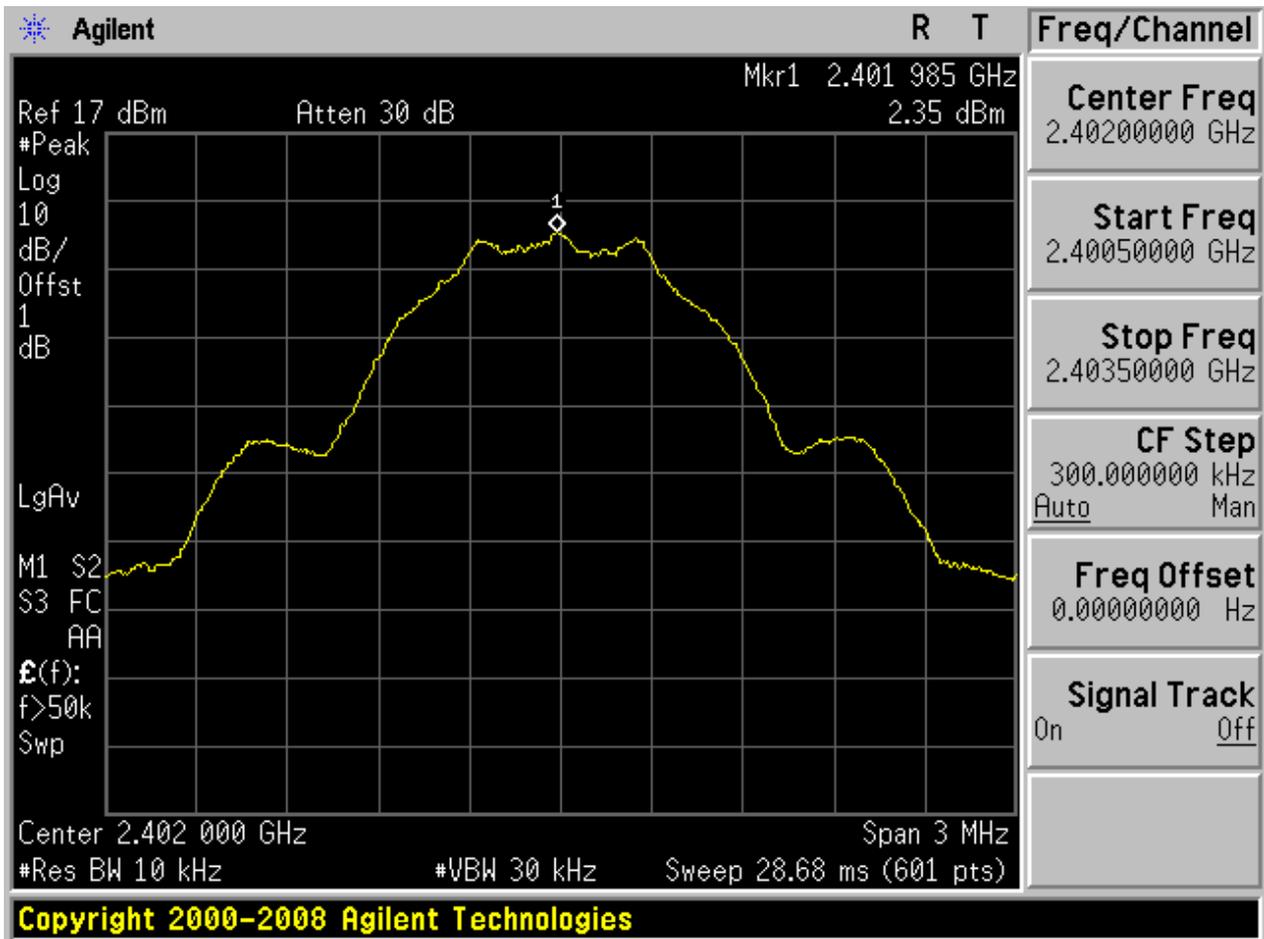
Appendix C: Maximum Power Spectral Density Level

**1 Result Table**

EUT Conf.	Max. Power Spectral Density Level [dBm]	Verdict
TM1_DH5_Ch0	2.35	Pass
TM1_DH5_Ch19	-7.70	Pass
TM1_DH5_Ch39	-7.67	Pass

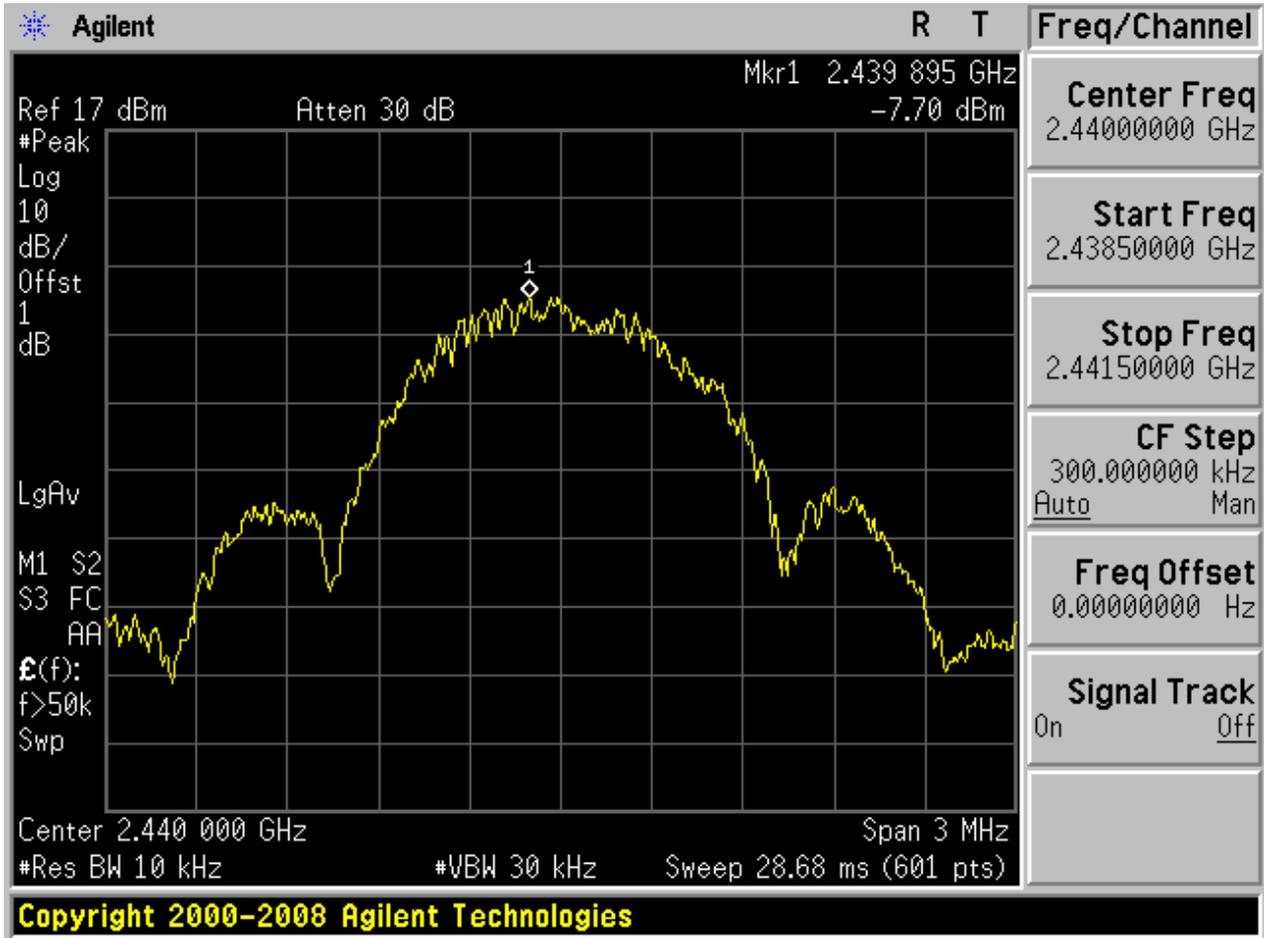


2 Test Plot
 2.1 TM1_DH5_Ch0



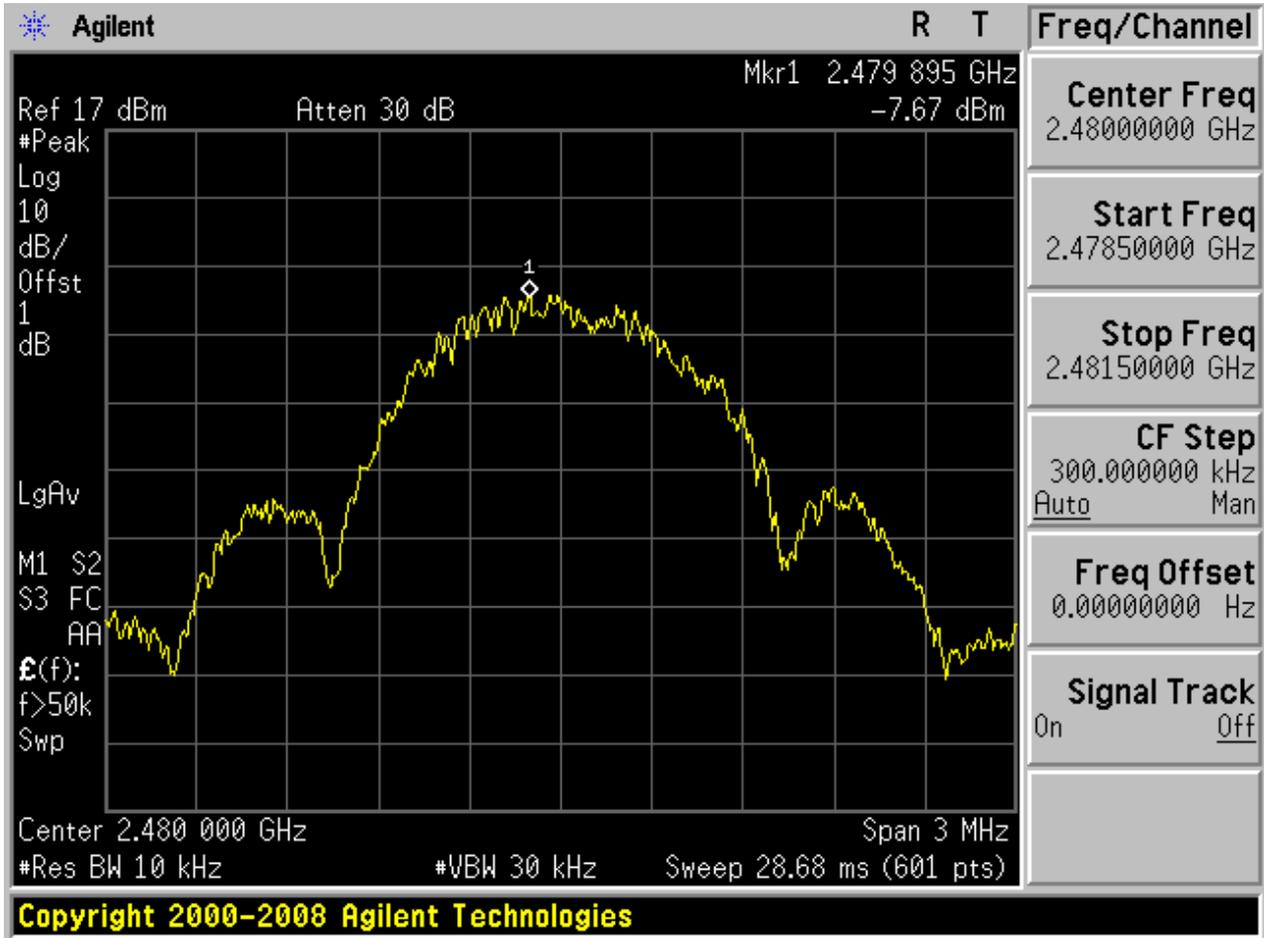


2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





Appendix D: Band edge spurious emission

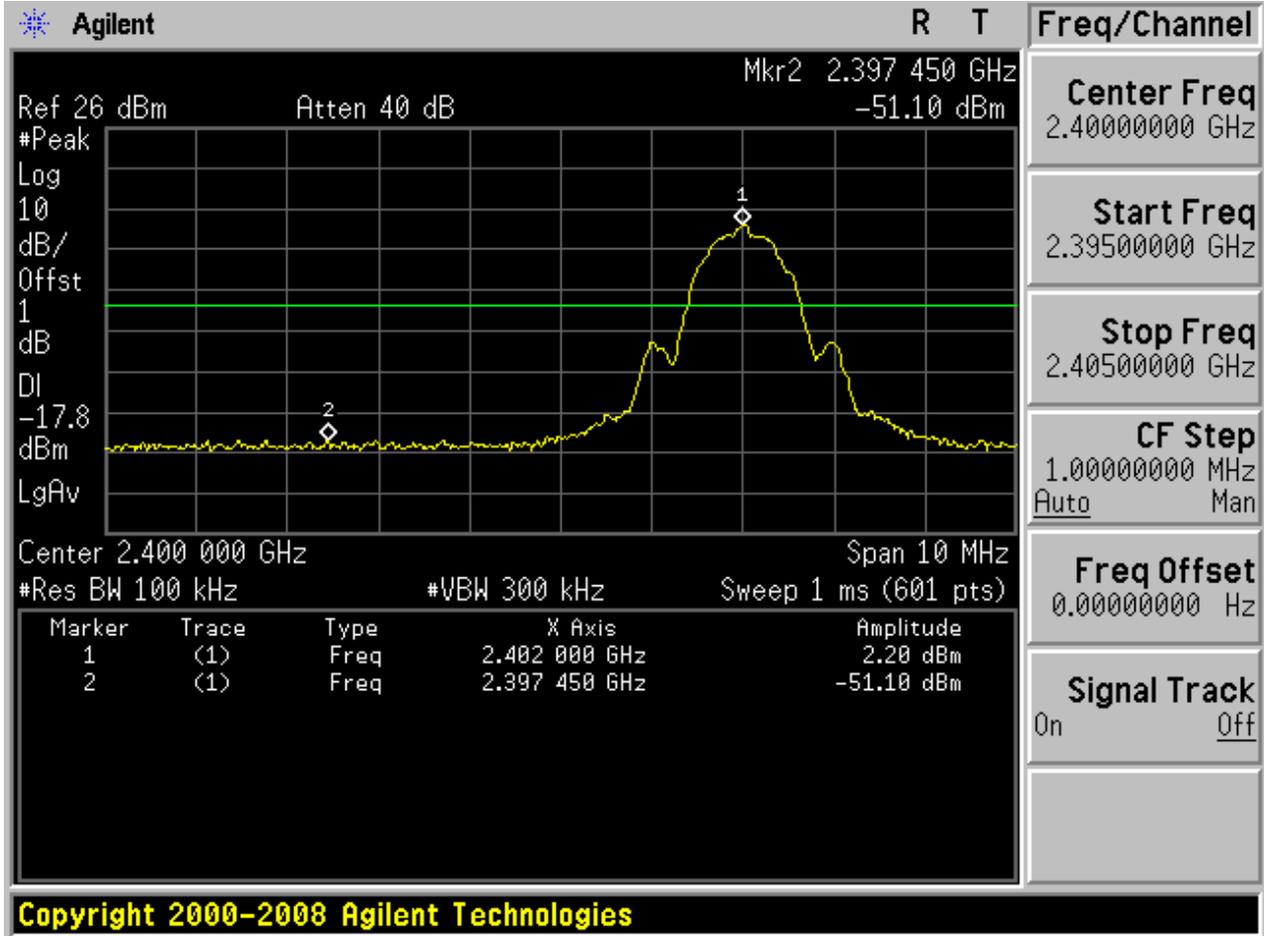


3 Result Table

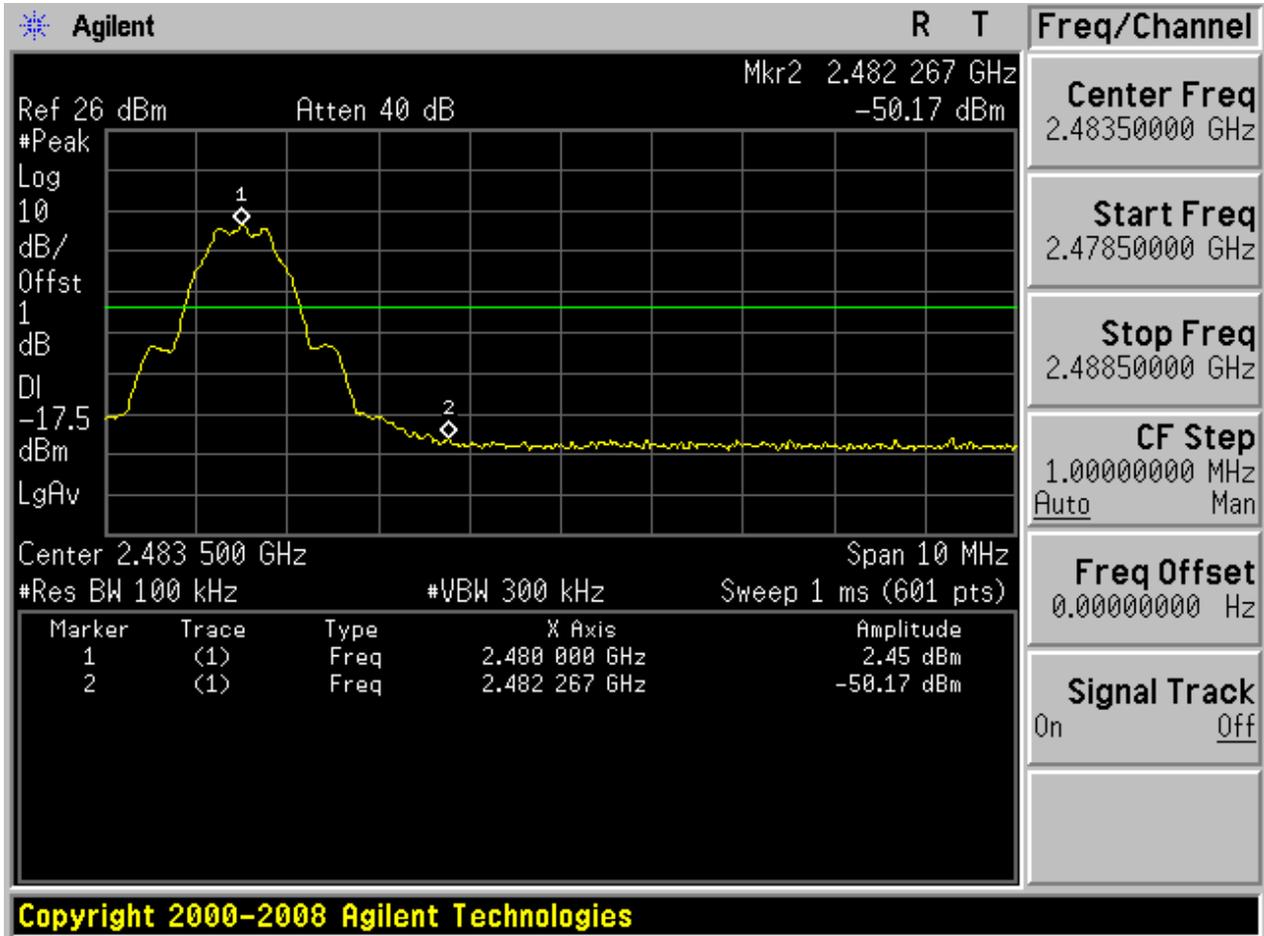
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max. Spurious Level [dBm]	Limit [dBm]	Result
TM1_DH5_C h0	0	2402	2.20	Off	-50.20	-17.80	Pass
TM1_DH5_C h39	39	2480	2.45	Off	-51.66	-17.55	Pass

2 Test Plot

2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch39





Appendix E: Conducted RF Spurious Emission

1 Result Table

In this Appendix, the “Pref” refers to the peak power level in any 100 kHz bandwidth within the fundamental emission which is used as the reference level, the “Puw” refers to the maximum emission power in 100 kHz band segments outside of the authorized frequency band.

Considering that the higher ratio of RBW to the span for the frequency ranges below 30 MHz makes the results determination be complicated, a narrower RBW other than 100 kHz is used for these ranges. The measured value should add a RBW correction factor (RBWCF) where $RBWCF [dB] = 10 \times \lg(100 [kHz]/\text{narrower RBW [kHz]})$. As to this Appendix, the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

In the result table, the “< Limit” denotes that “The Puw [dBm] is less than Pref [dBm] - 20 [dB], see test plots for detailed”.

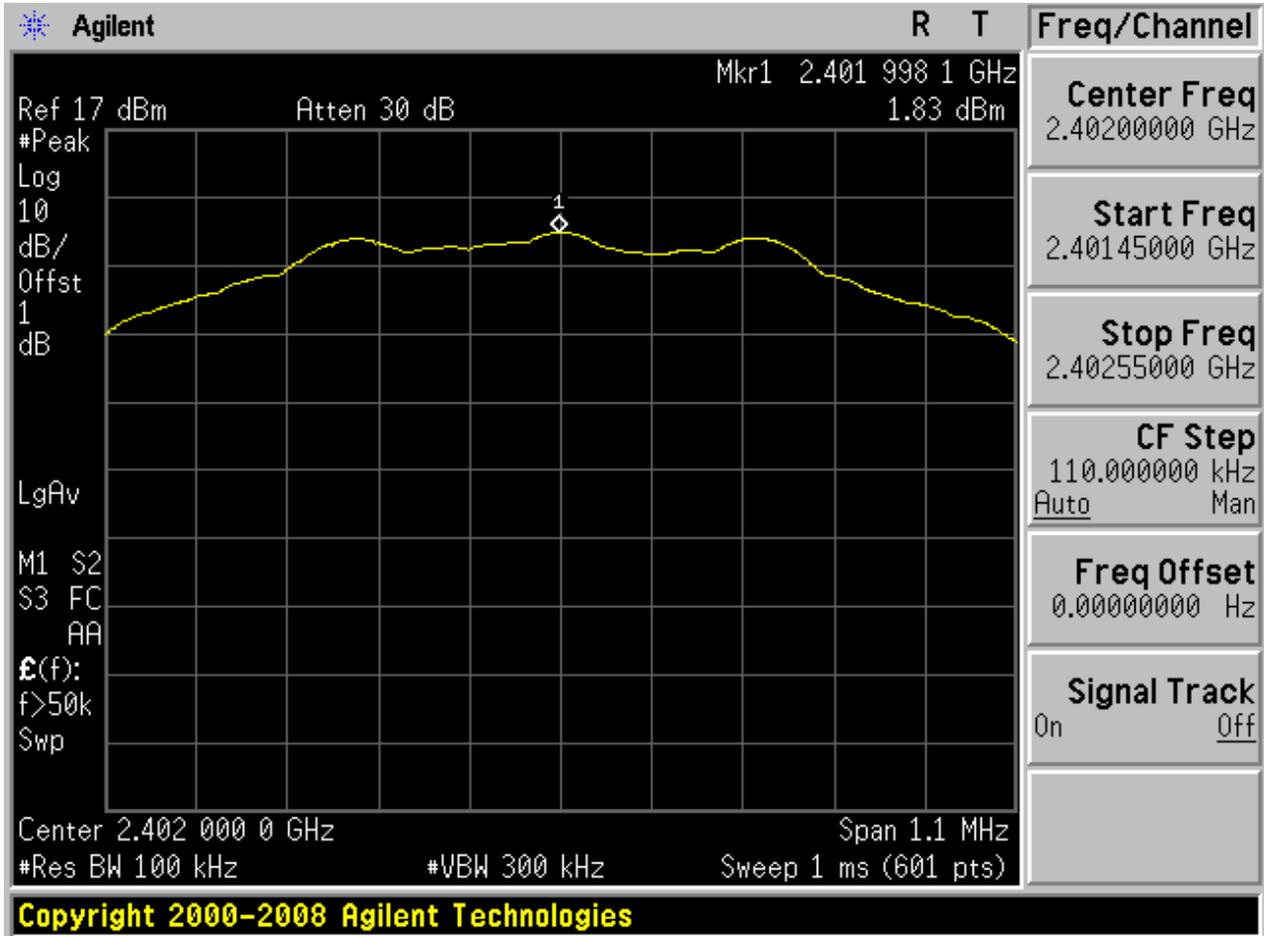
EUT Conf.	Pref [dBm/100 kHz]	Puw [dBm/100 kHz]	Verdict
TM1_DH5_Ch0	1.83	< Limit	Pass
TM1_DH5_Ch39	2.36	< Limit	Pass
TM1_DH5_Ch78	2.28	< Limit	Pass



2 Test Plot

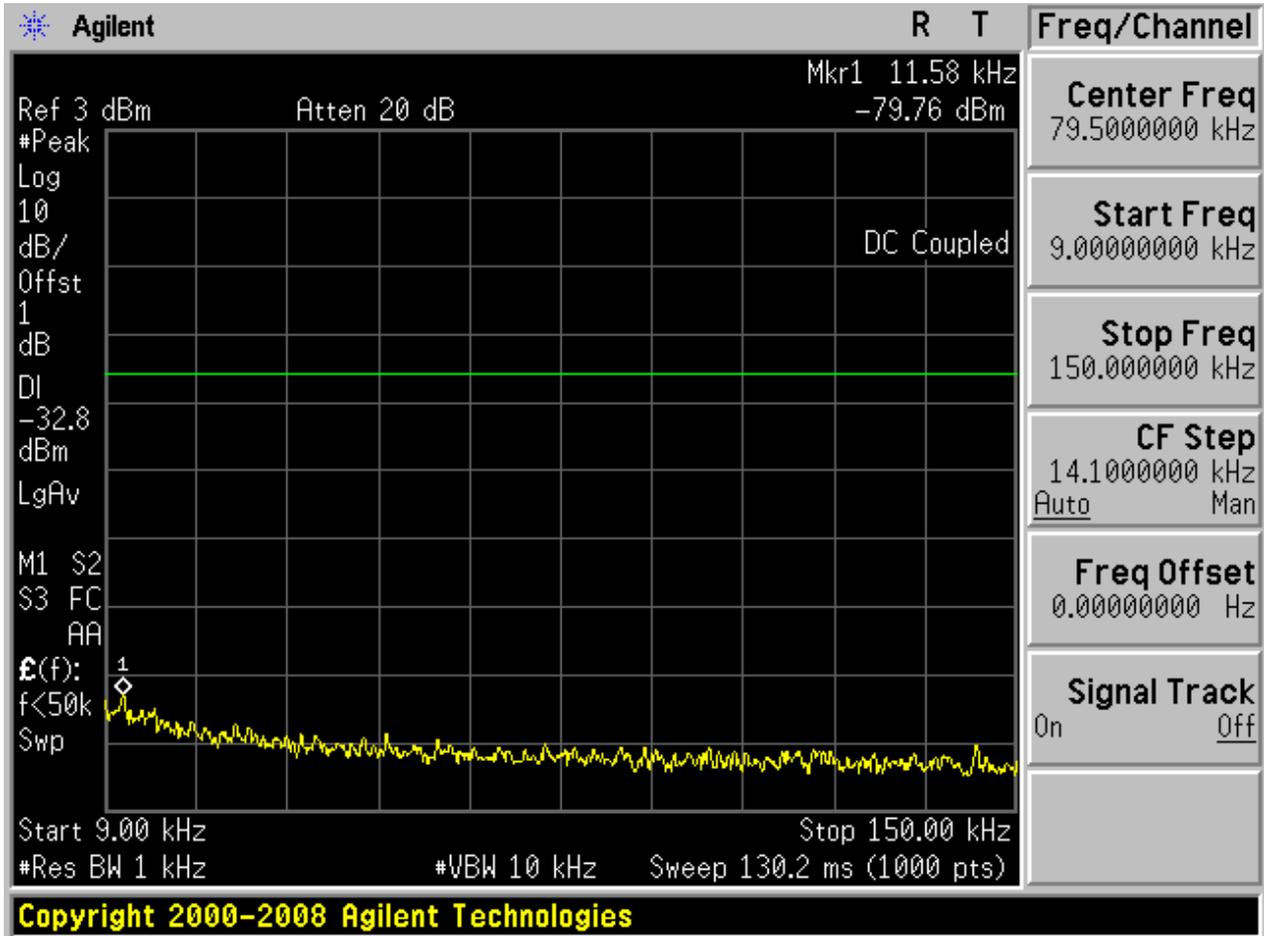
2.1 TM1_DH5_Ch0

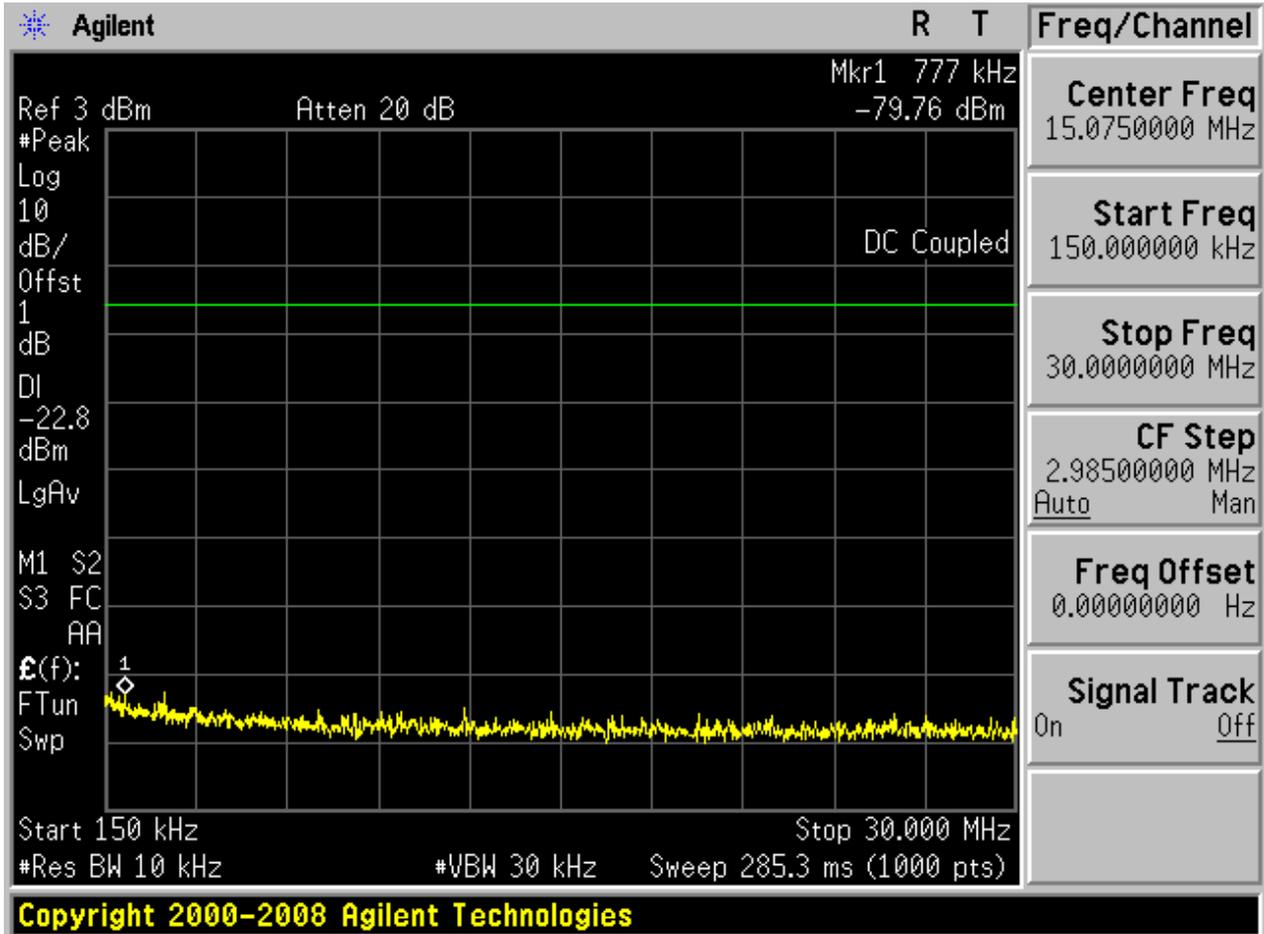
2.1.1 Pref

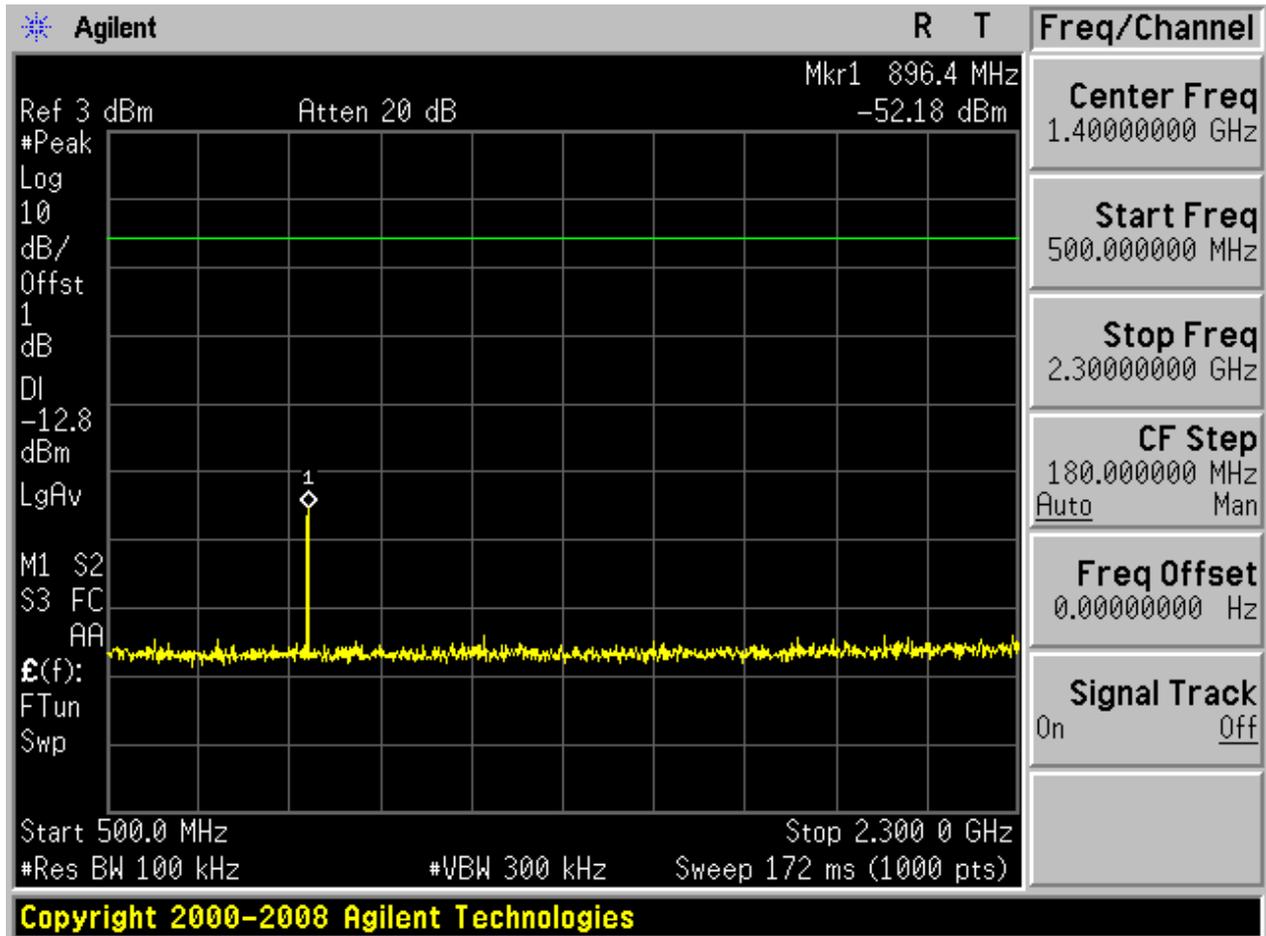


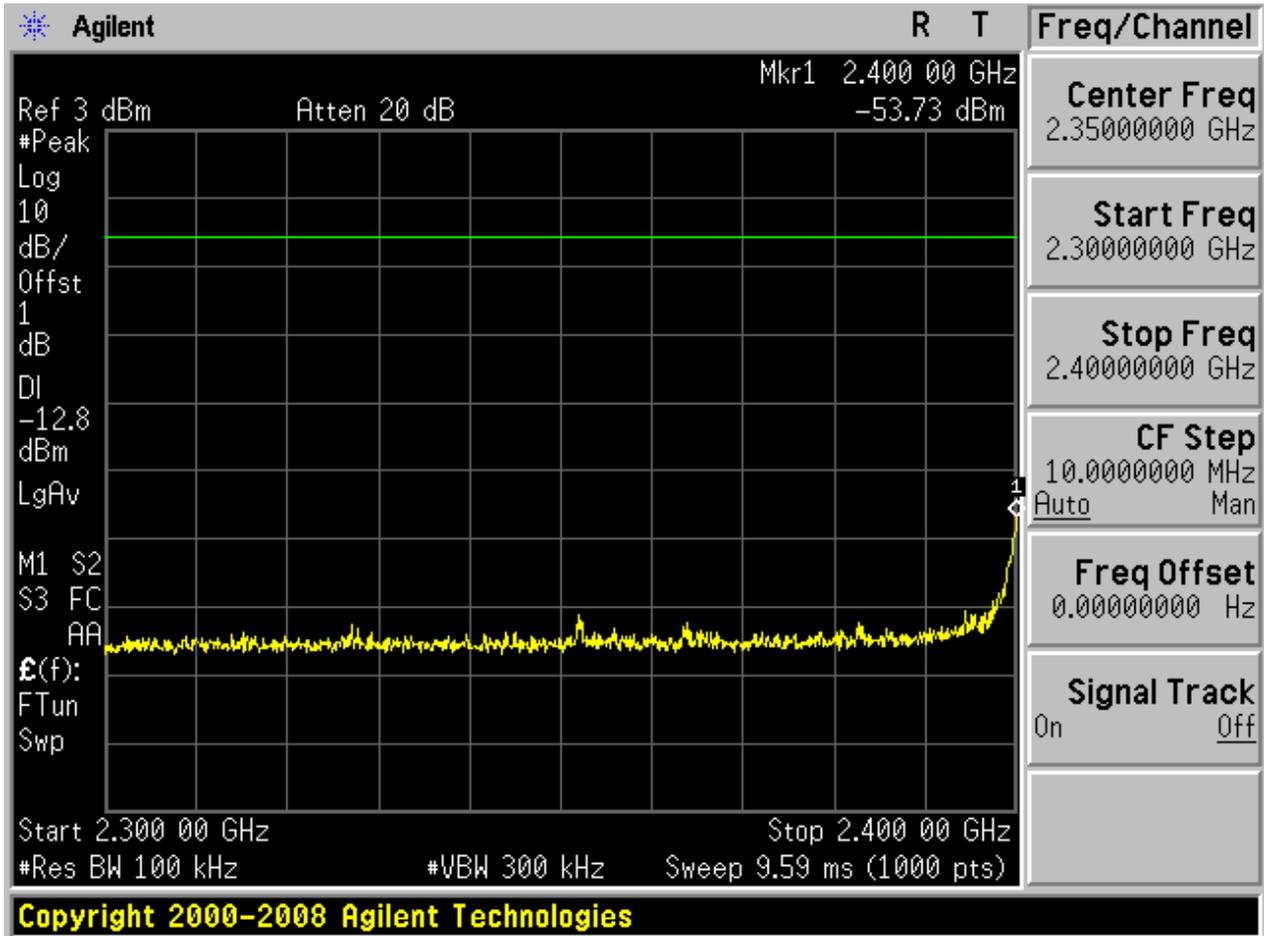


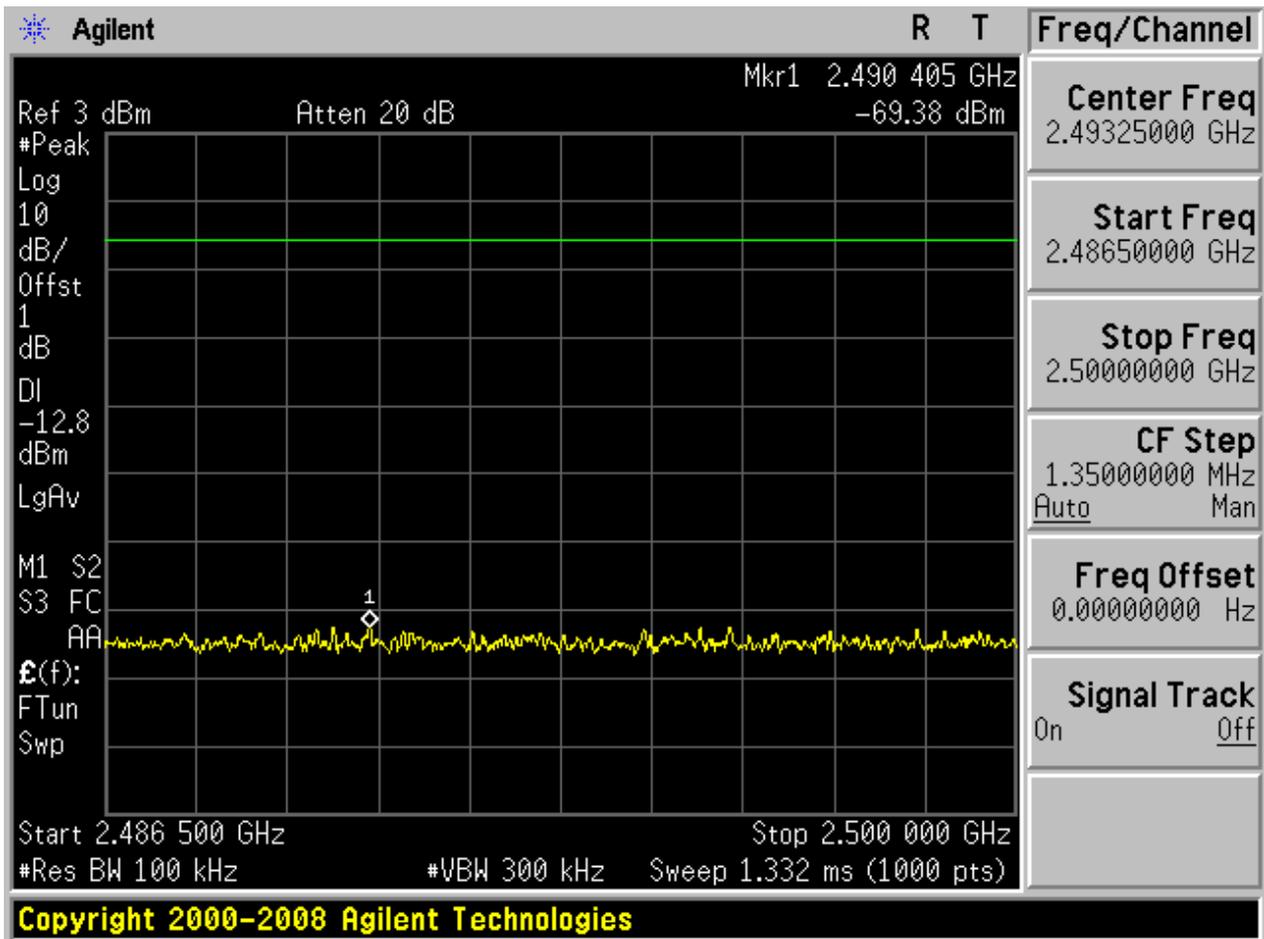
2.1.2 Puw

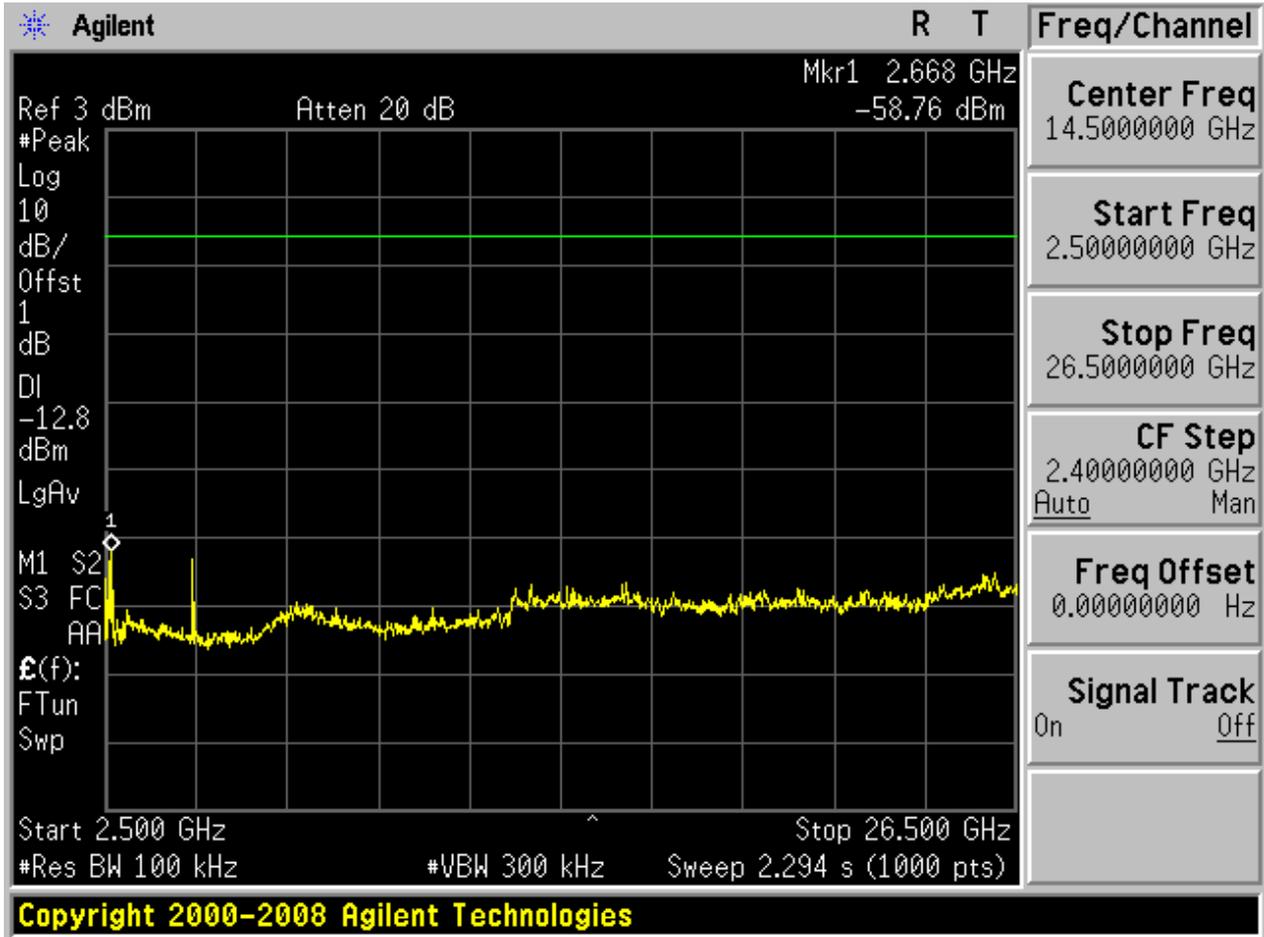






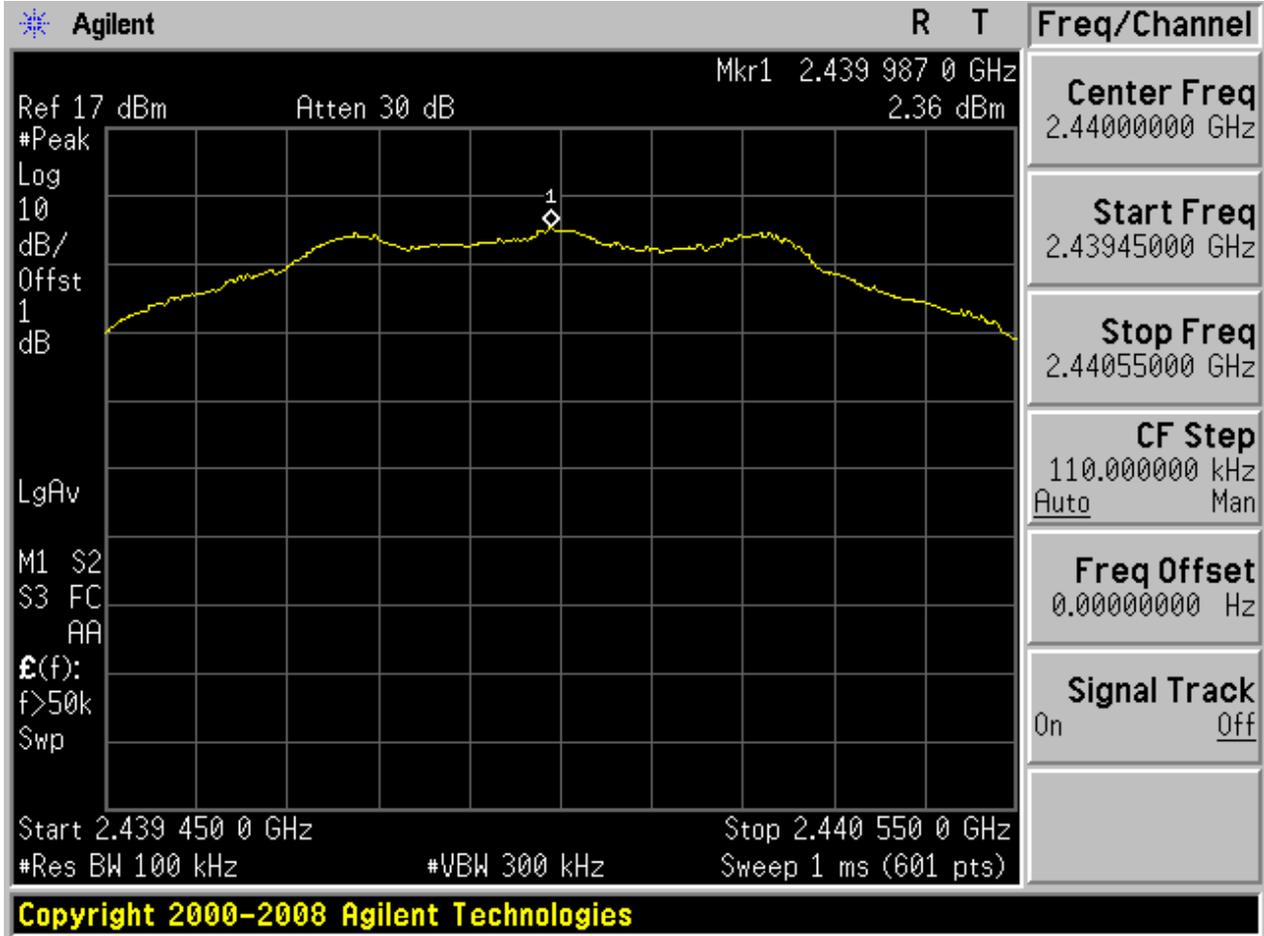




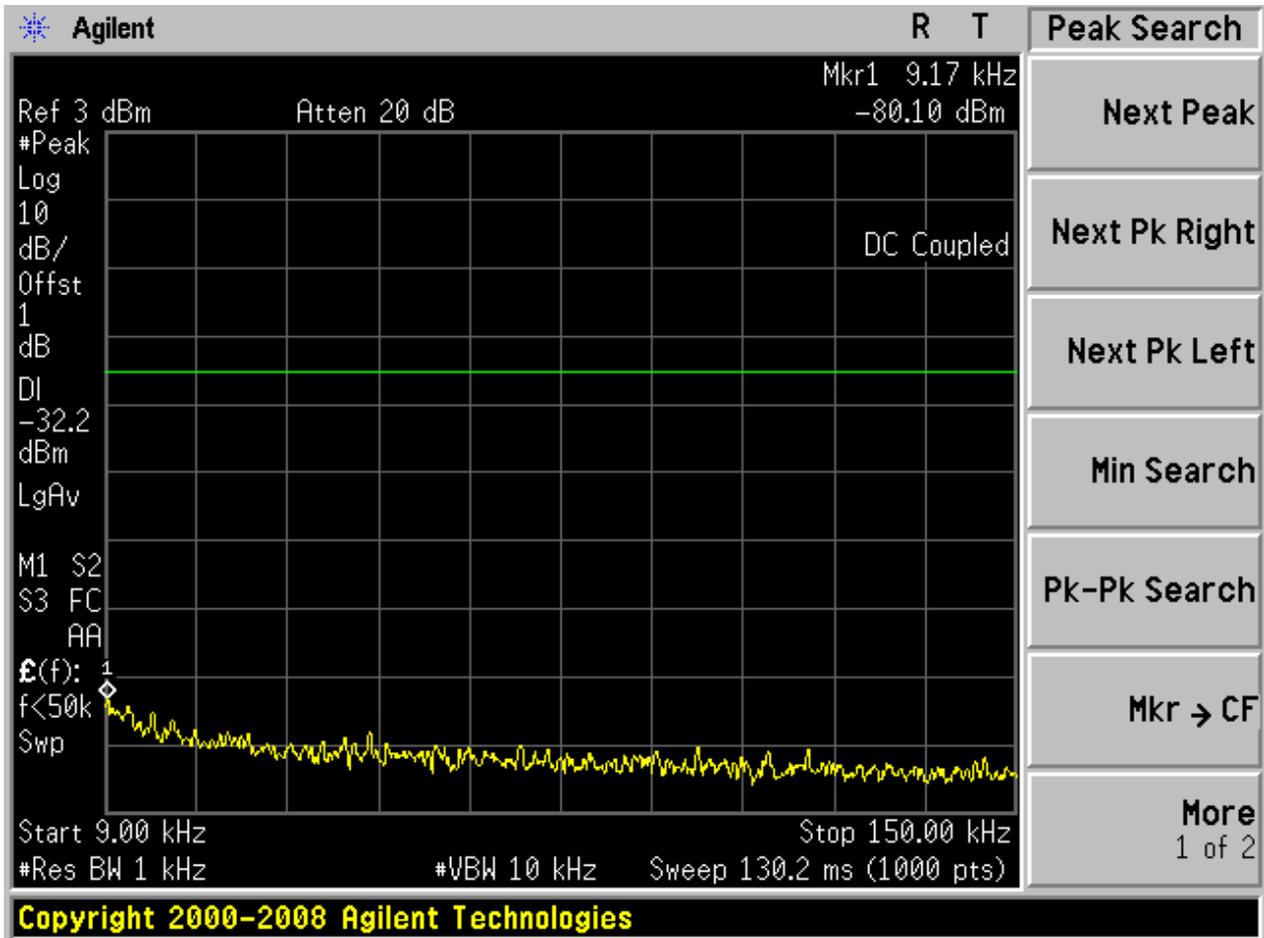


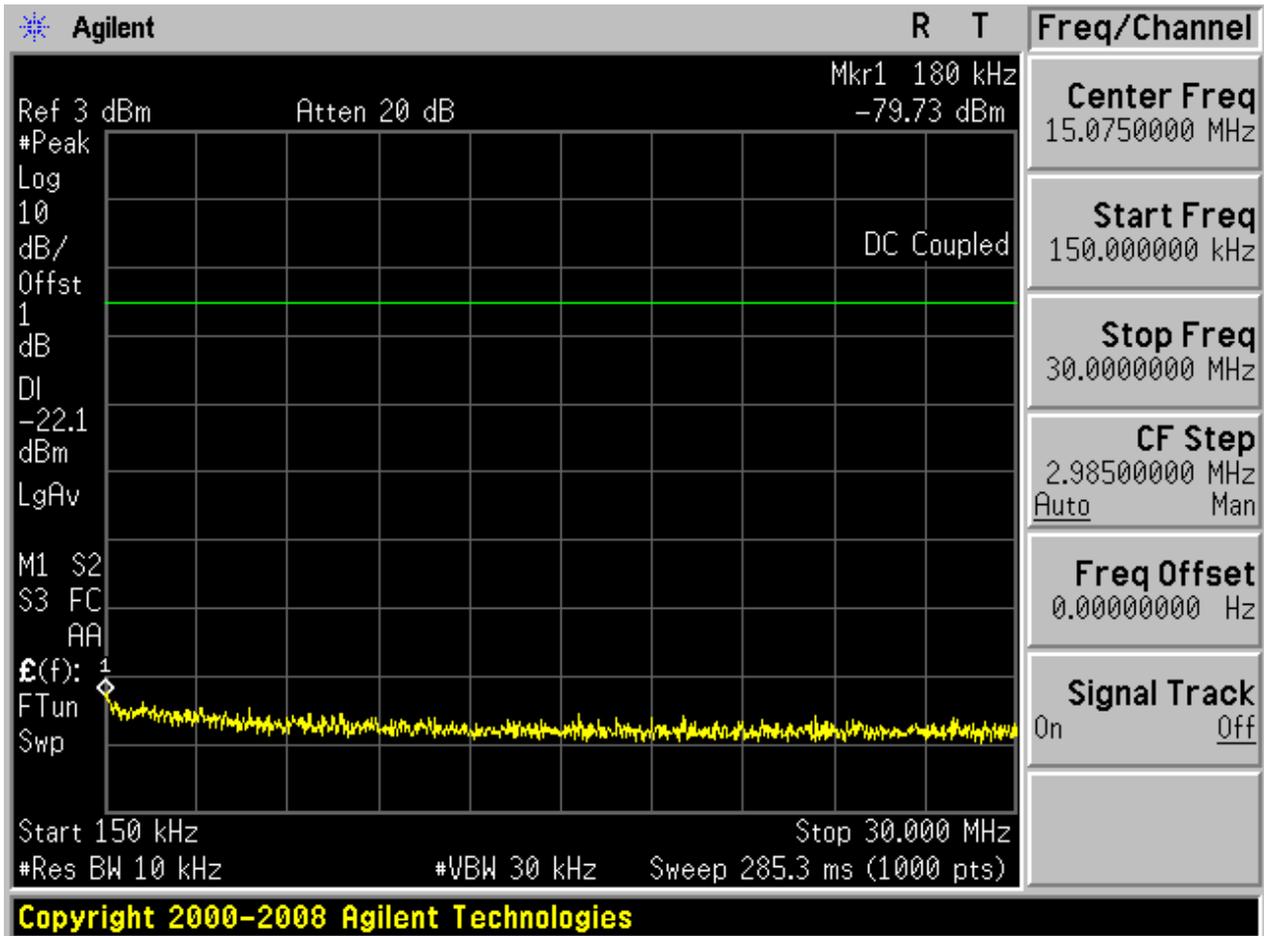
2.2 TM1_DH5_Ch19

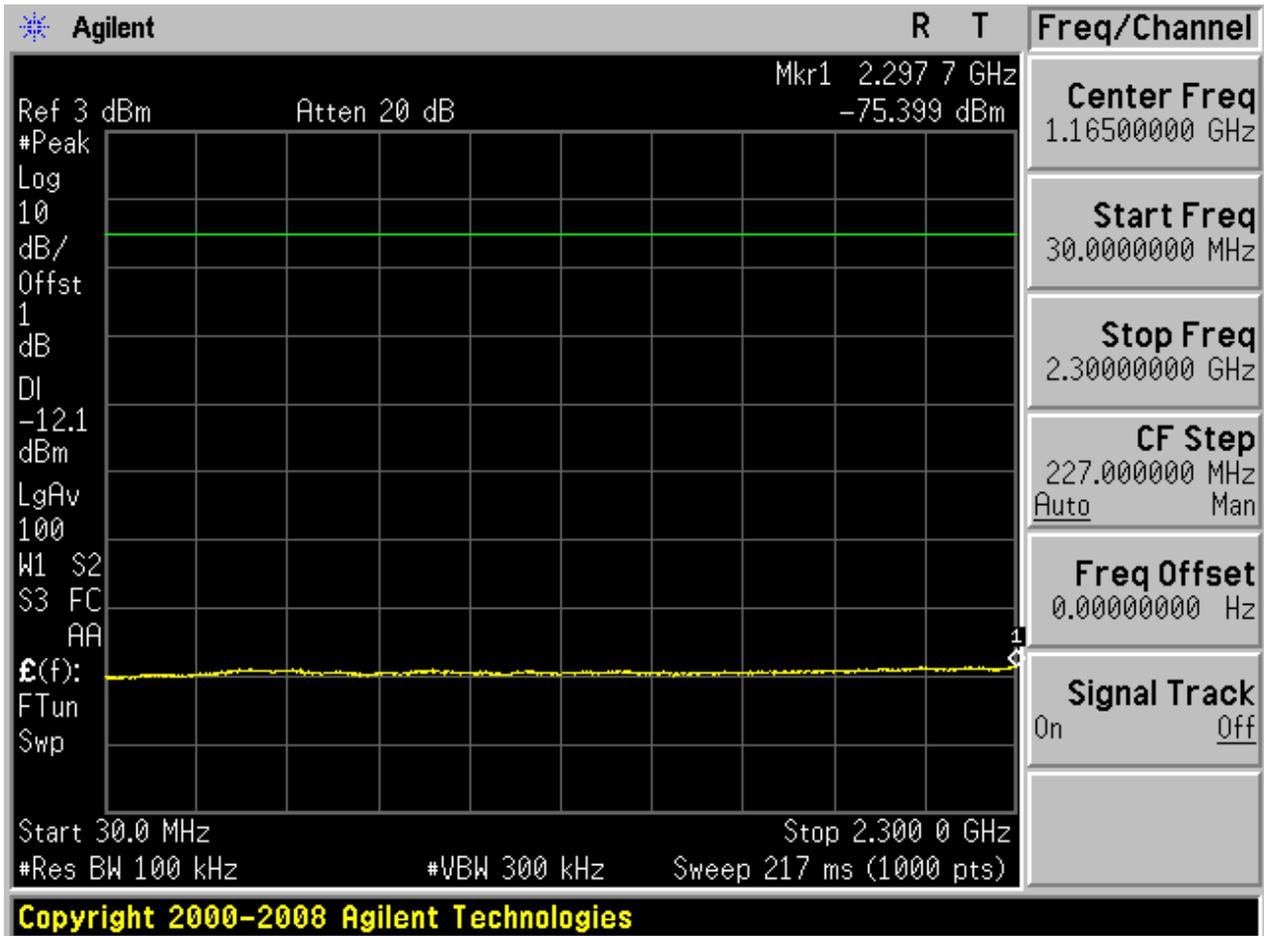
2.2.1 Pref

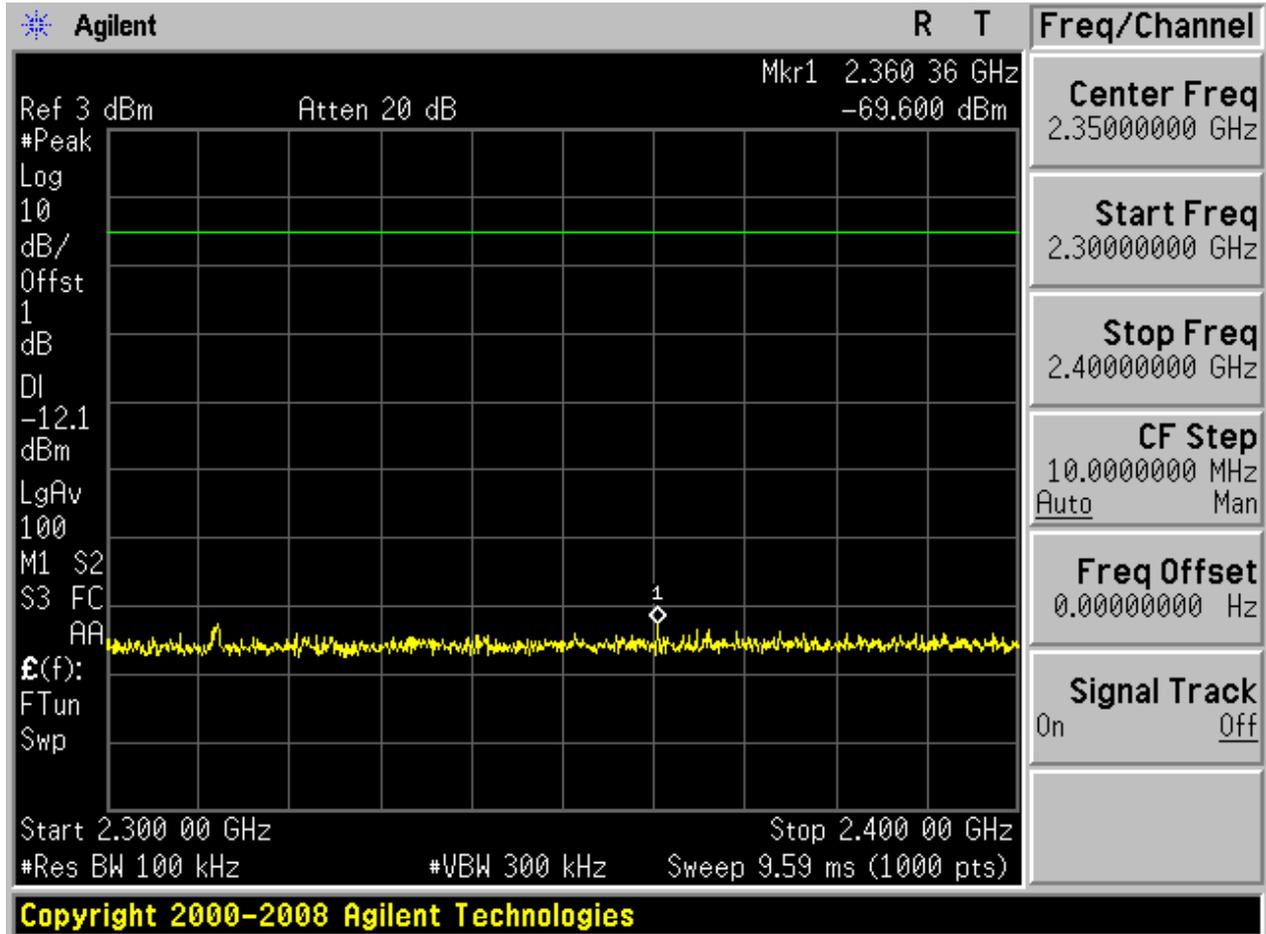


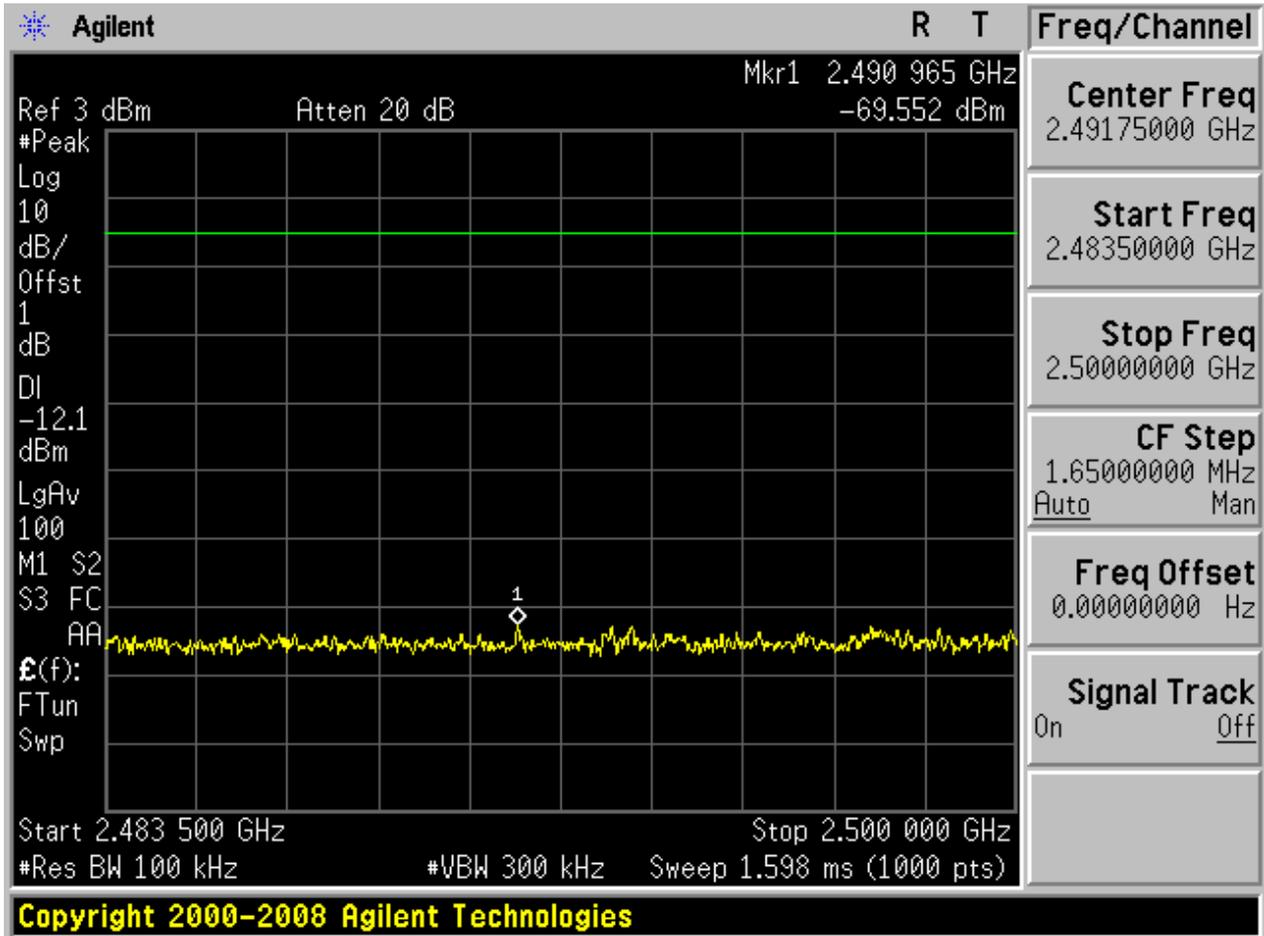
2.2.2 Puw

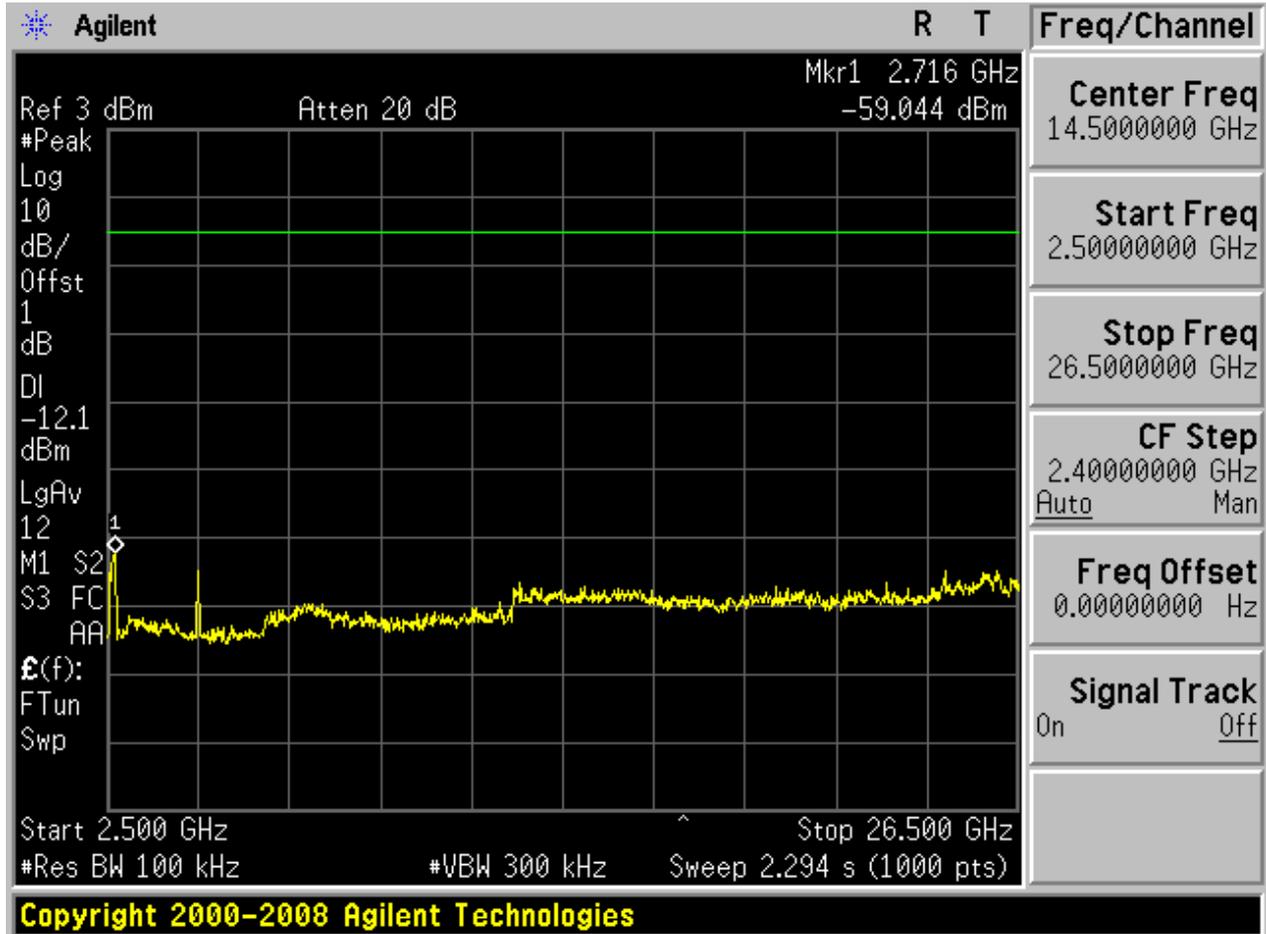








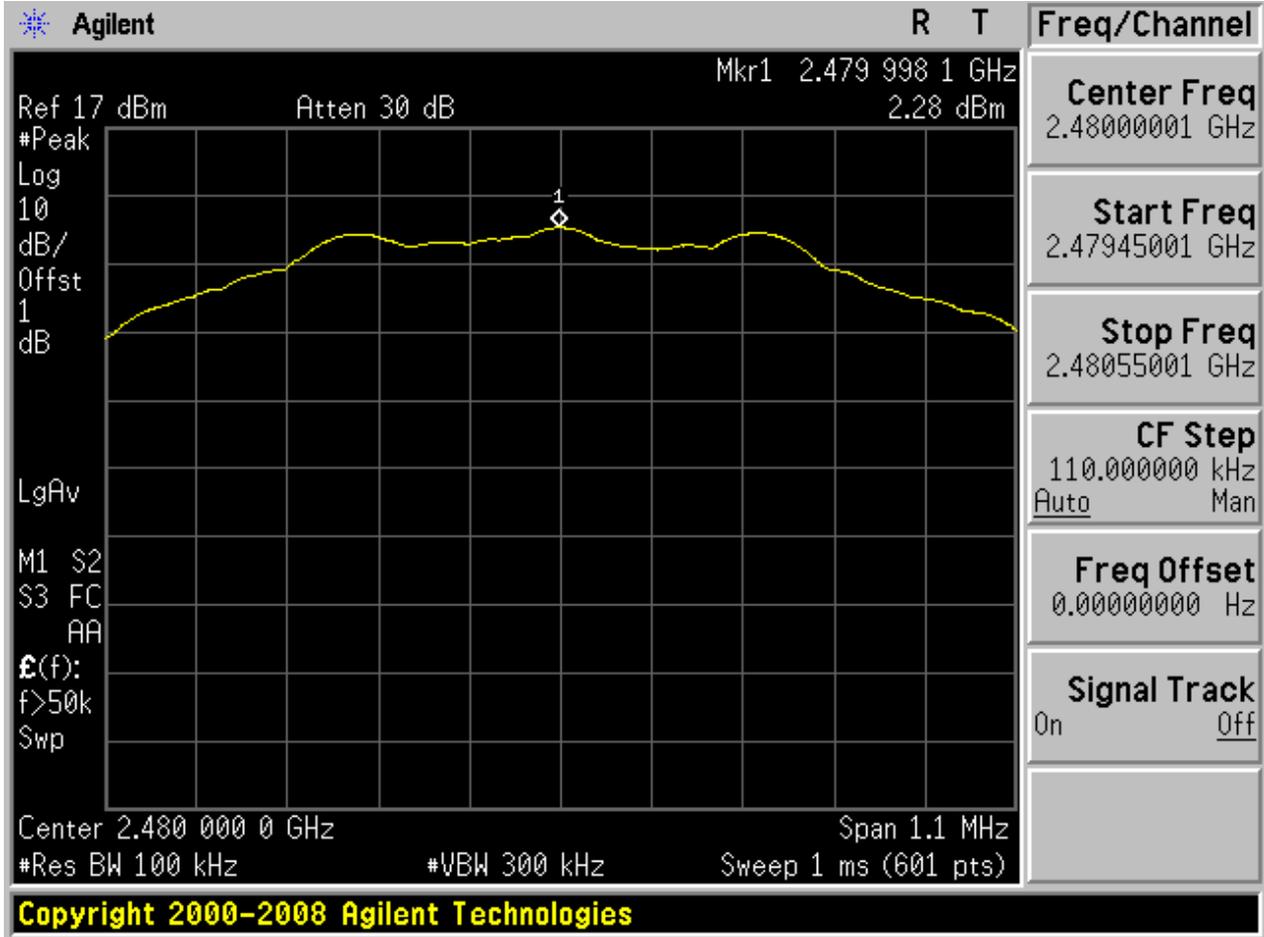






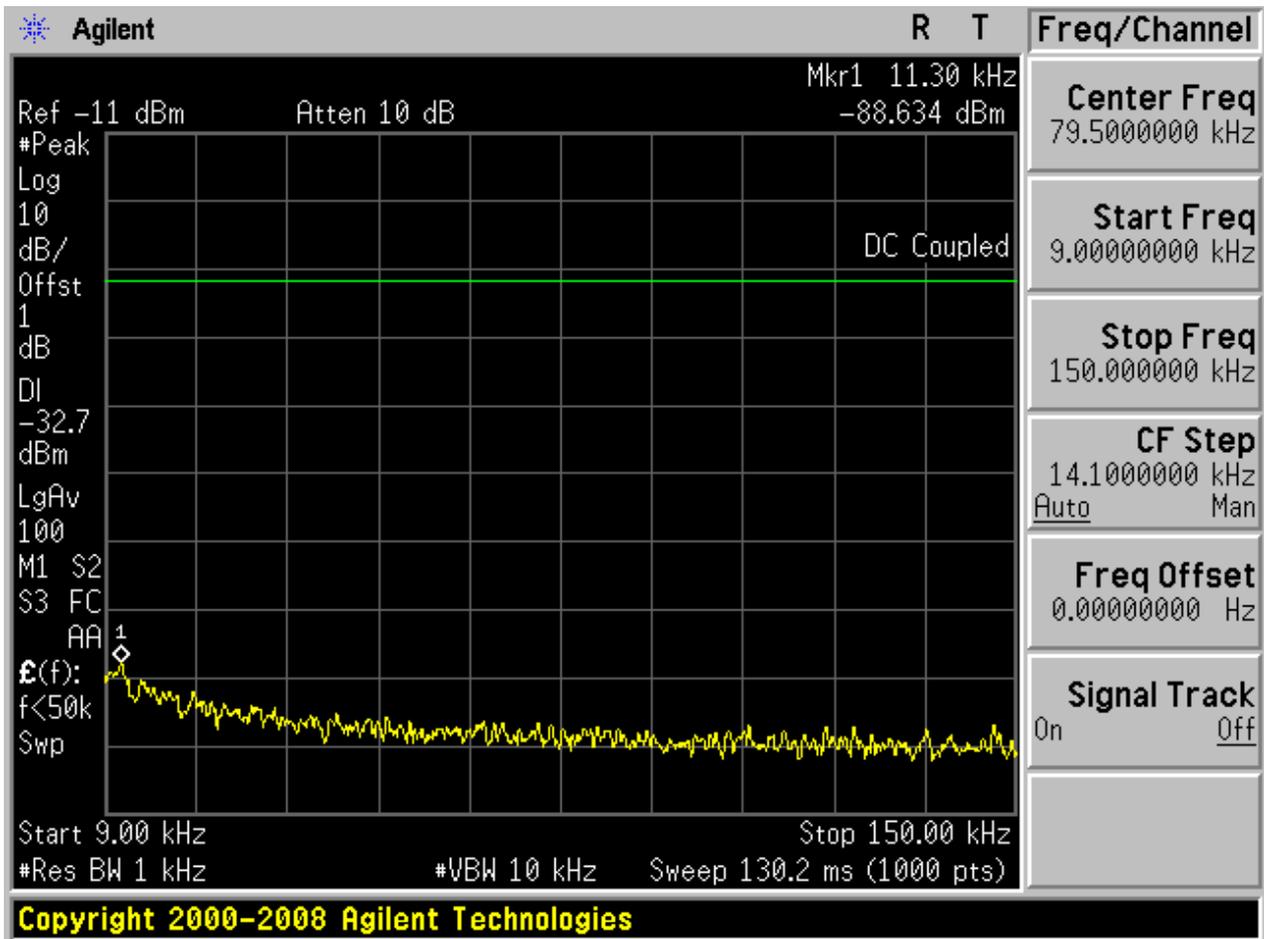
2.3 TM1_DH5_Ch39

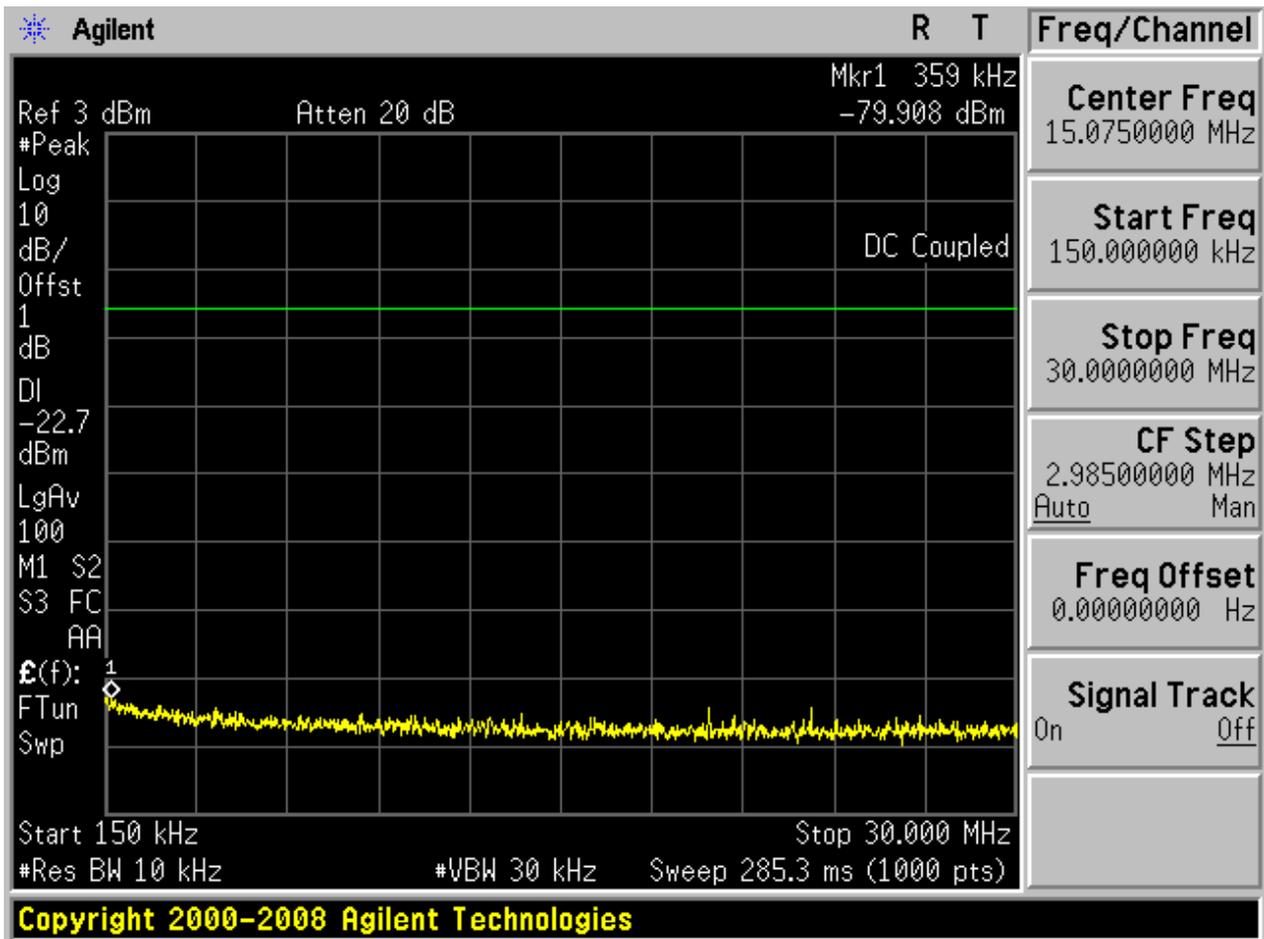
2.3.1 Pref

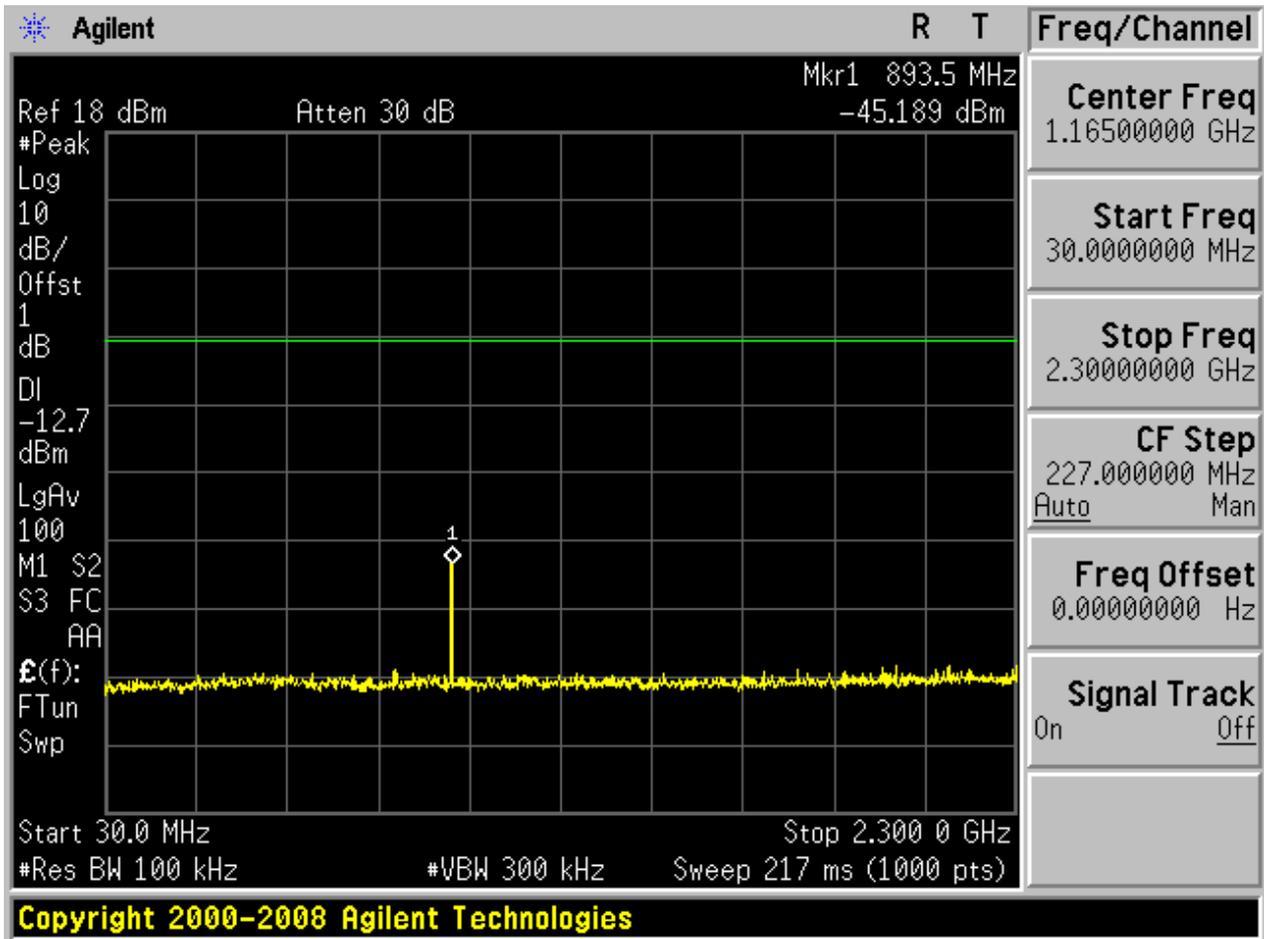


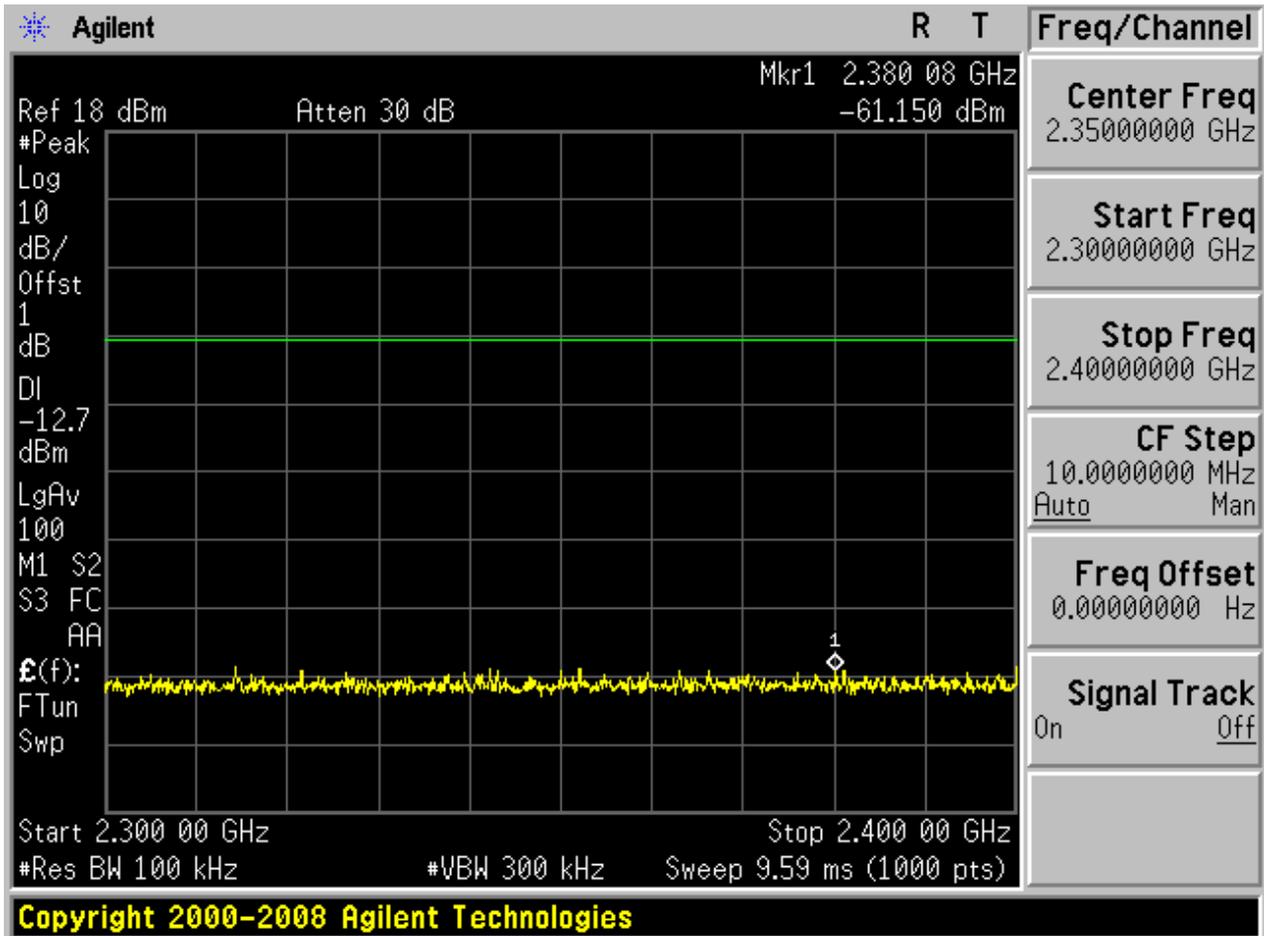


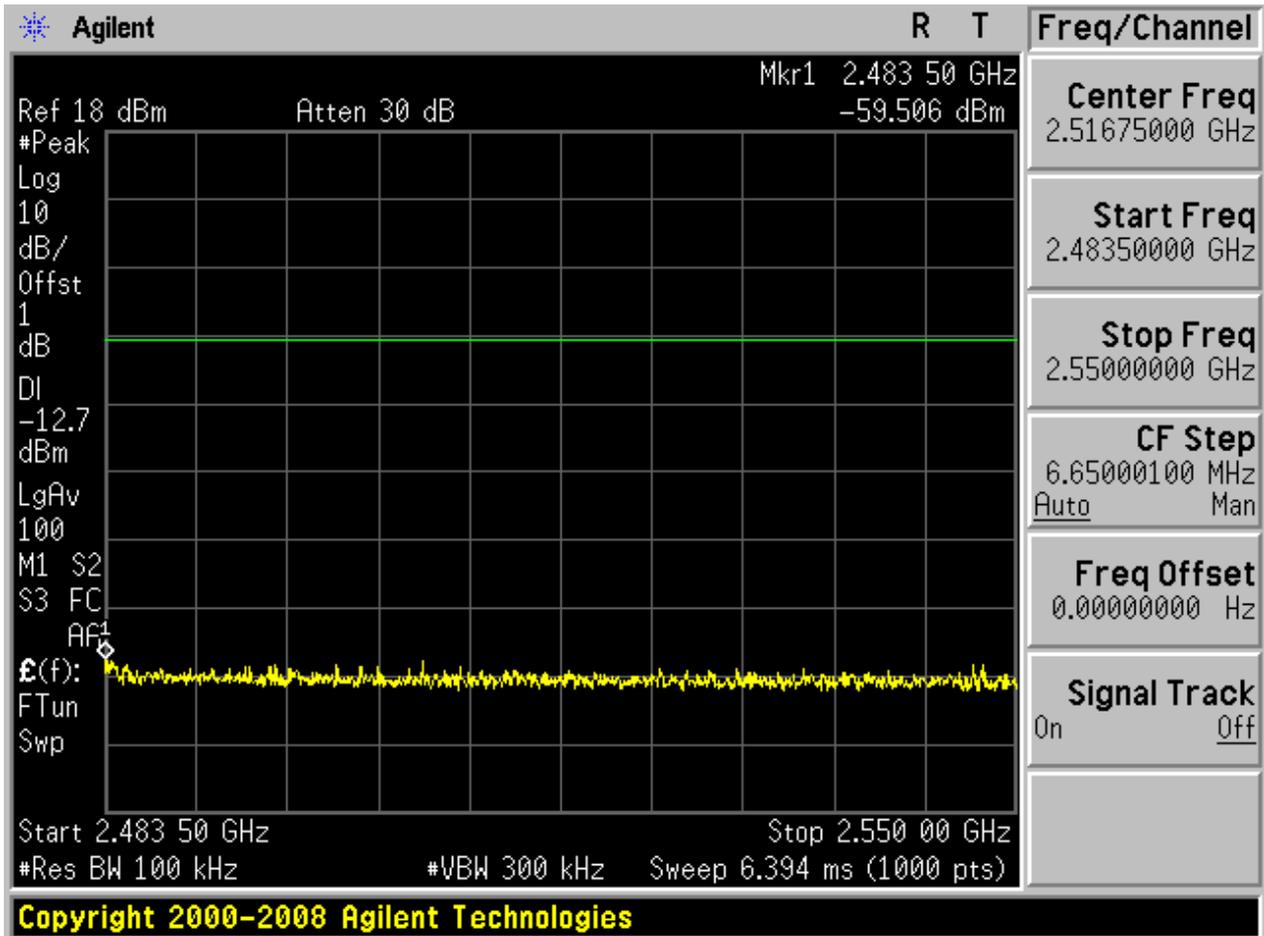
2.3.2 Puw













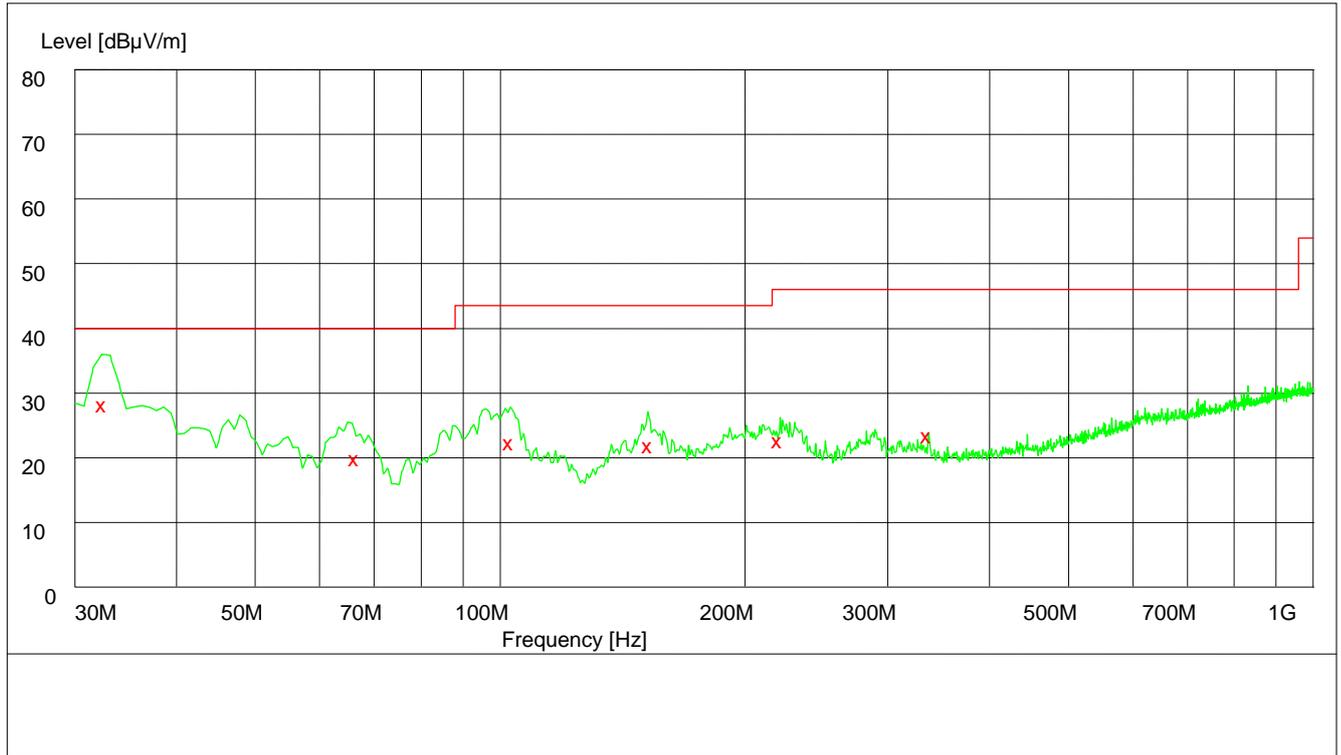


Appendix F: Radiated Emissions in the Restricted Bands

Part 1: 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.

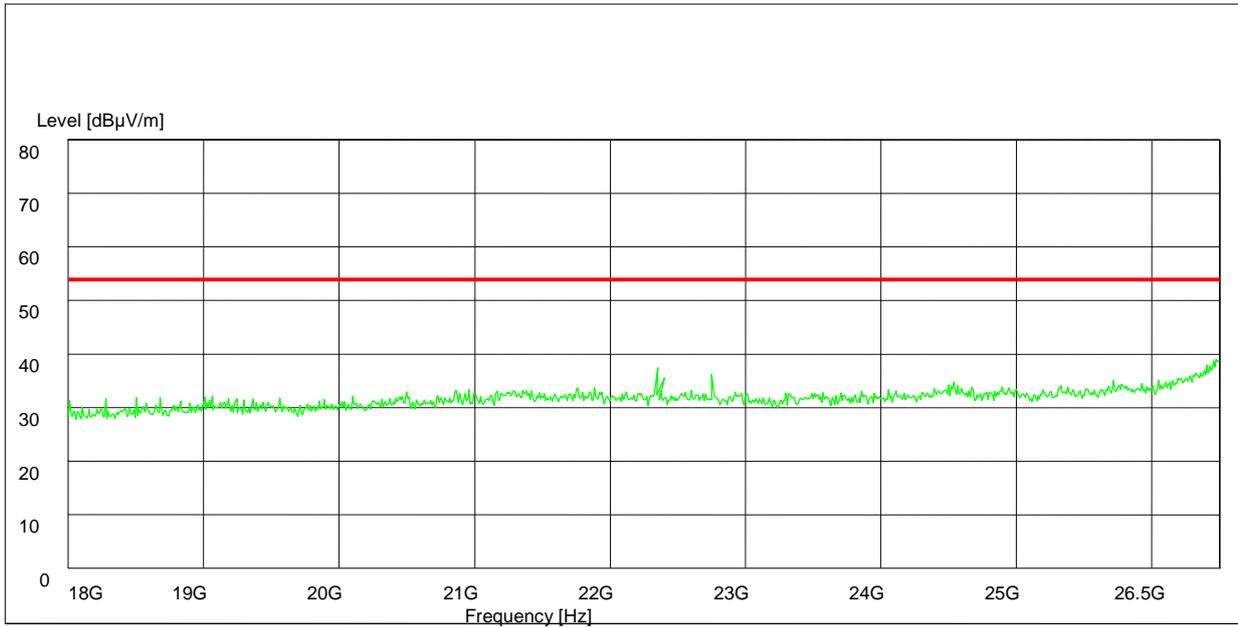
Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
32.520000	29.60	14.1	40.0	10.4	110.0	271.00	VERTICAL
66.540000	21.30	11.3	40.0	18.7	200.0	78.00	VERTICAL
103.200000	23.70	13.2	43.5	19.8	103.0	192.00	VERTICAL
152.880000	23.30	10.0	43.5	20.2	100.0	102.00	VERTICAL
220.800000	24.10	13.0	46.0	21.9	152.0	102.00	HORIZONTAL
336.000000	24.80	16.2	46.0	21.2	100.0	43.00	HORIZONTAL

Part 2: Testing Range of “18 GHz to 26.5 GHz”

Note: No peak found in pre- test.

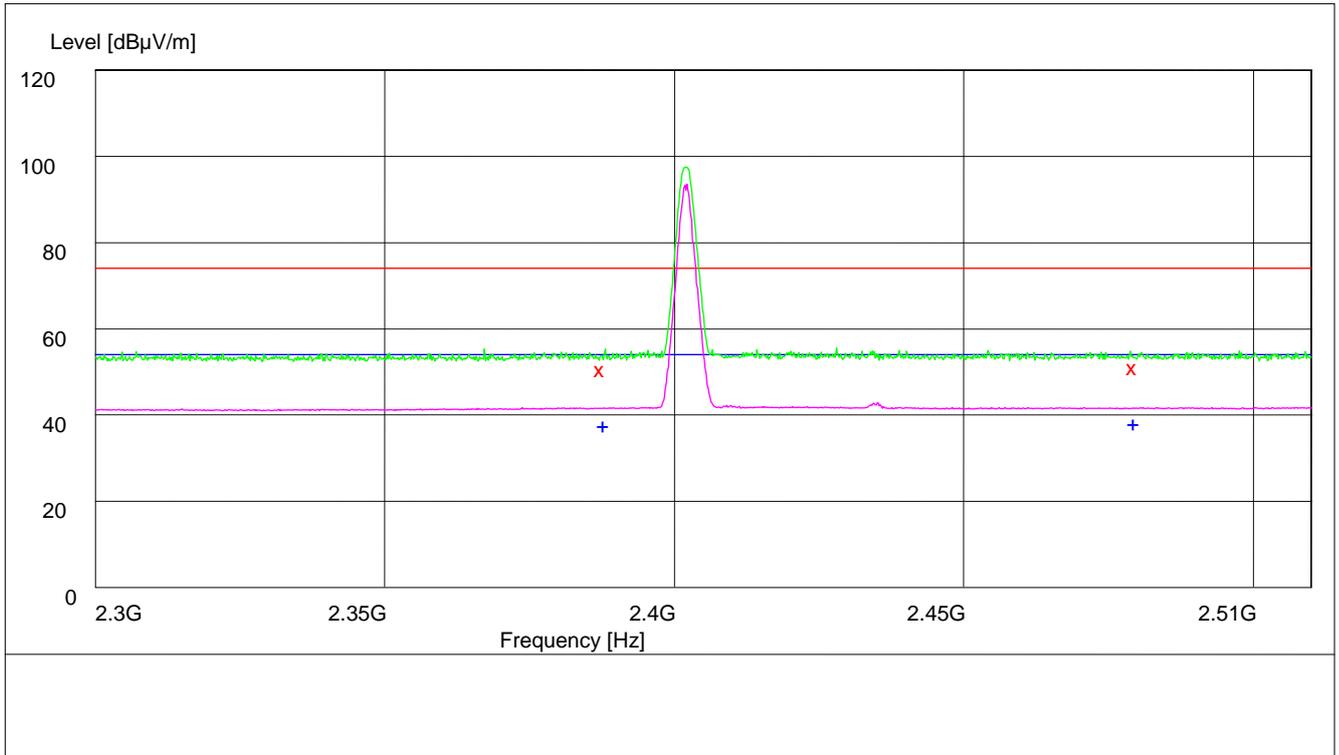


Part 3: Testing Range of “2.3GHz to 2.5GHz”

- Note 1: The testing range of “2.3 GHz to 2.5 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 dBμV/m) and Average Limit (54 dBμV/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

3 Test Mode:

3.1 Channel 00



Note: The peak exceeds the limit line is carrier frequency.

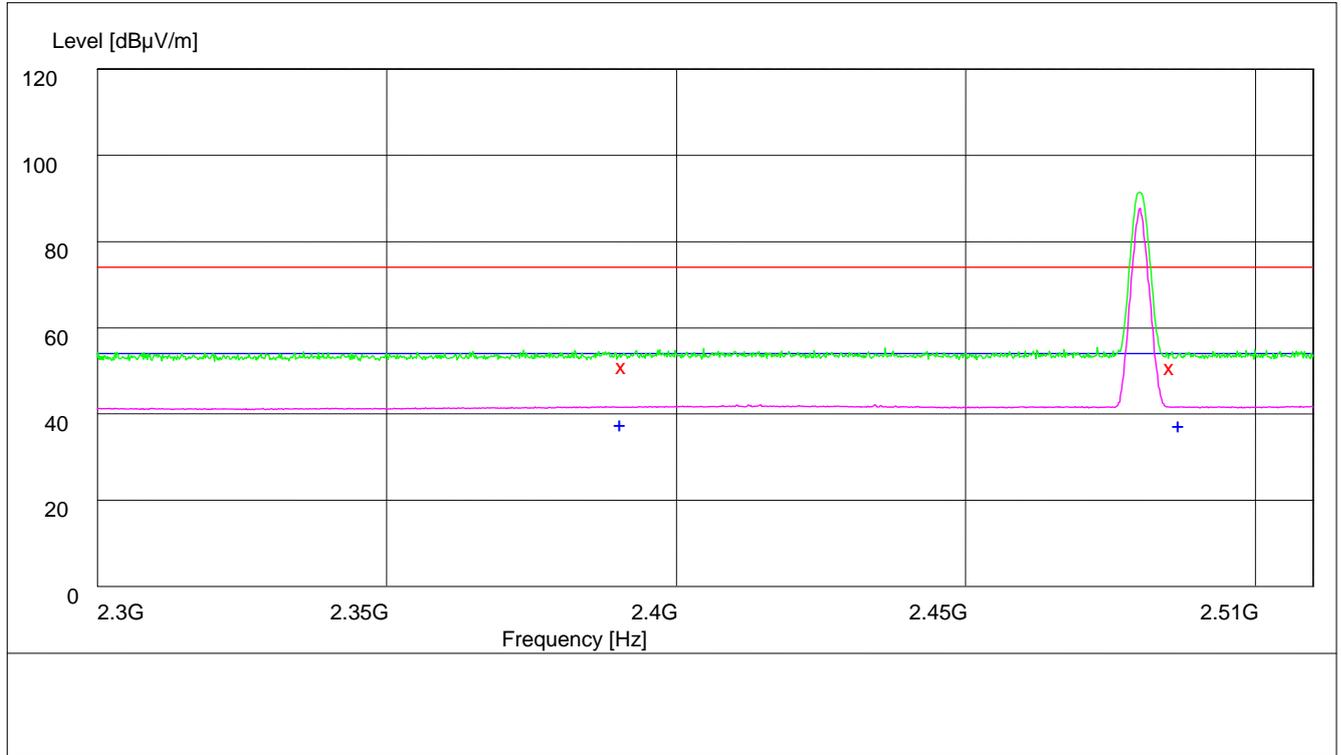
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2387.500000	52.60	34.7	74.0	21.4	177.0	220.00	HORIZONTAL
2483.500000	52.50	35.0	74.0	21.5	100.0	321.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2388.000000	39.70	34.7	54.0	14.3	200.0	44.00	VERTICAL
2483.000000	39.50	35.0	54.0	14.5	101.0	140.00	VERTICAL

3.2 Channel 39



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

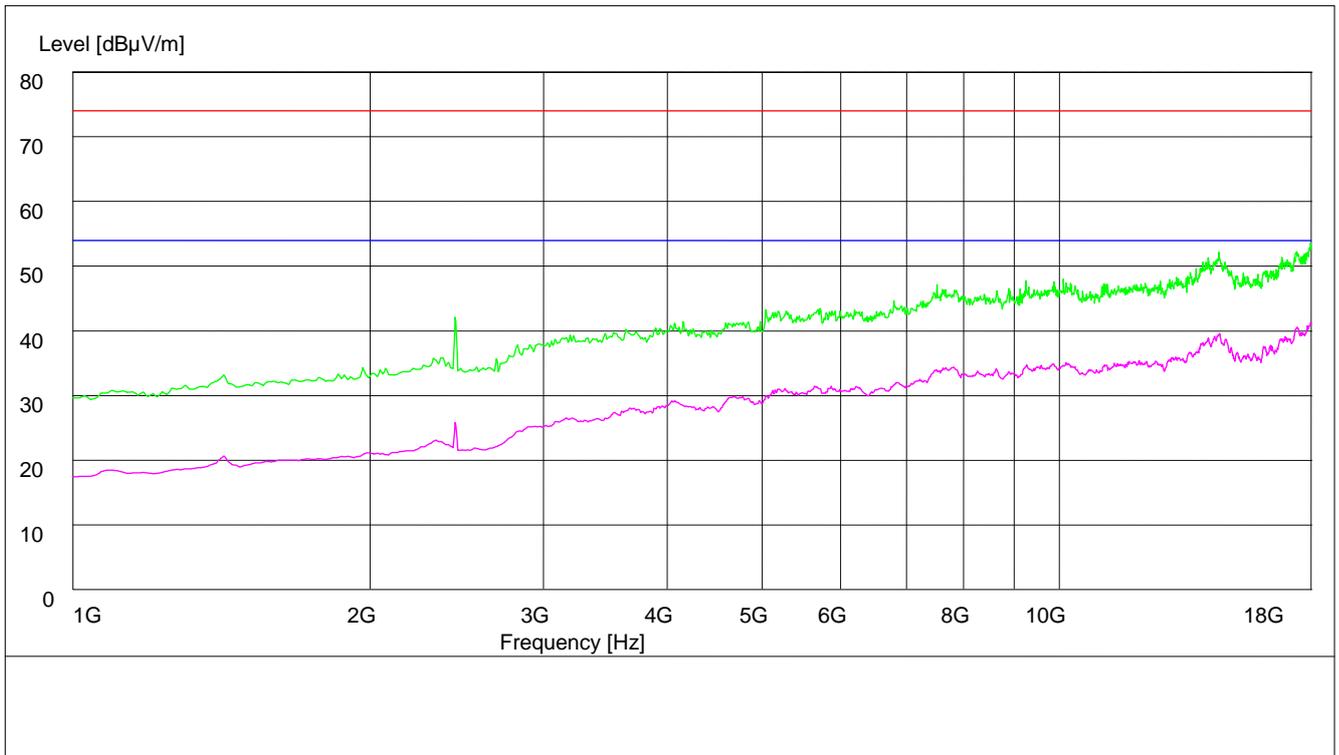
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	52.80	34.7	74.0	21.2	122.0	360.00	HORIZONTAL
2485.500000	53.00	35.0	74.0	21.0	122.0	162.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	39.60	34.7	54.0	14.4	190.0	0.00	VERTICAL
2487.000000	39.50	35.0	54.0	14.5	100.0	211.00	VERTICAL

Part 4: Testing Range of “1 GHz to 18 GHz”

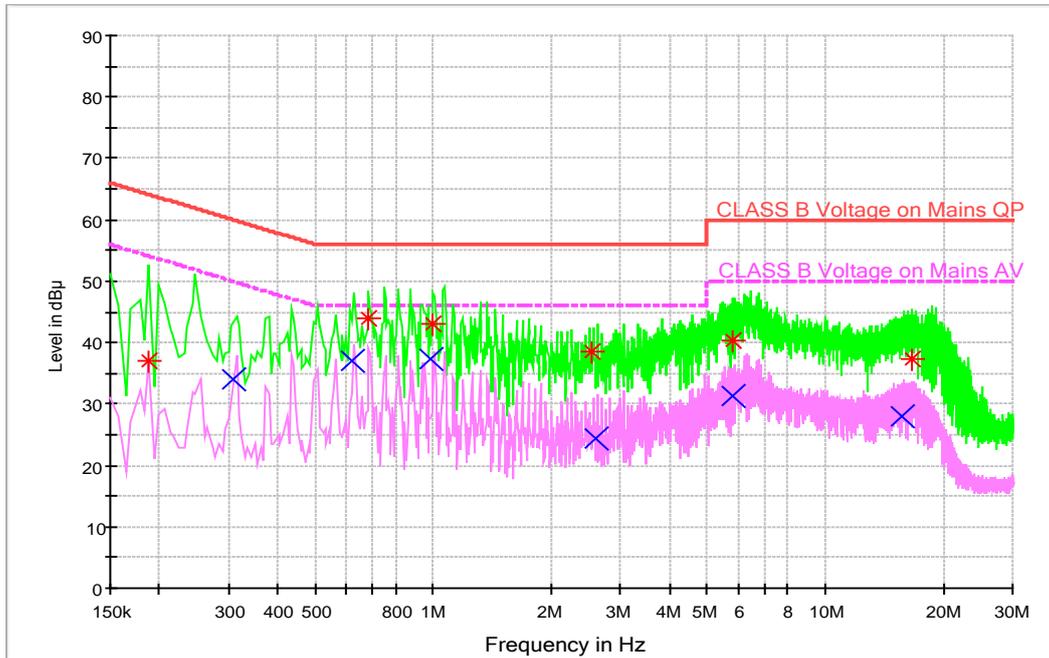
- Note 1: The test results and plot for testing range of “1 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “1 GHz to 18 GHz” is for checking radiated emissions located 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).



Appendix G: AC Power Line Conducted Emissions

Channel 19

CLASS B Voltage with ENV216



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.187140	36.9	L1	9.7	27.3	64.2	FLO
0.681312	44.0	N	9.7	12.0	56.0	FLO
0.990784	43.2	N	9.7	12.8	56.0	FLO
2.539688	38.6	N	9.7	17.4	56.0	FLO
5.829735	40.5	N	9.8	19.5	60.0	FLO
16.665491	37.4	N	10.1	22.6	60.0	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.309394	34.0	N	9.7	16.0	50.0	FLO
0.617502	36.9	N	9.7	9.1	46.0	FLO



0.987431	37.3	N	9.7	8.7	46.0	FLO
2.596954	24.4	L1	9.7	21.6	46.0	FLO
5.764586	31.2	N	9.8	18.8	50.0	FLO
15.723454	28.1	N	10.1	21.9	50.0	FLO

END