



Appendix A: 6dB Emission Bandwidth (EBW)



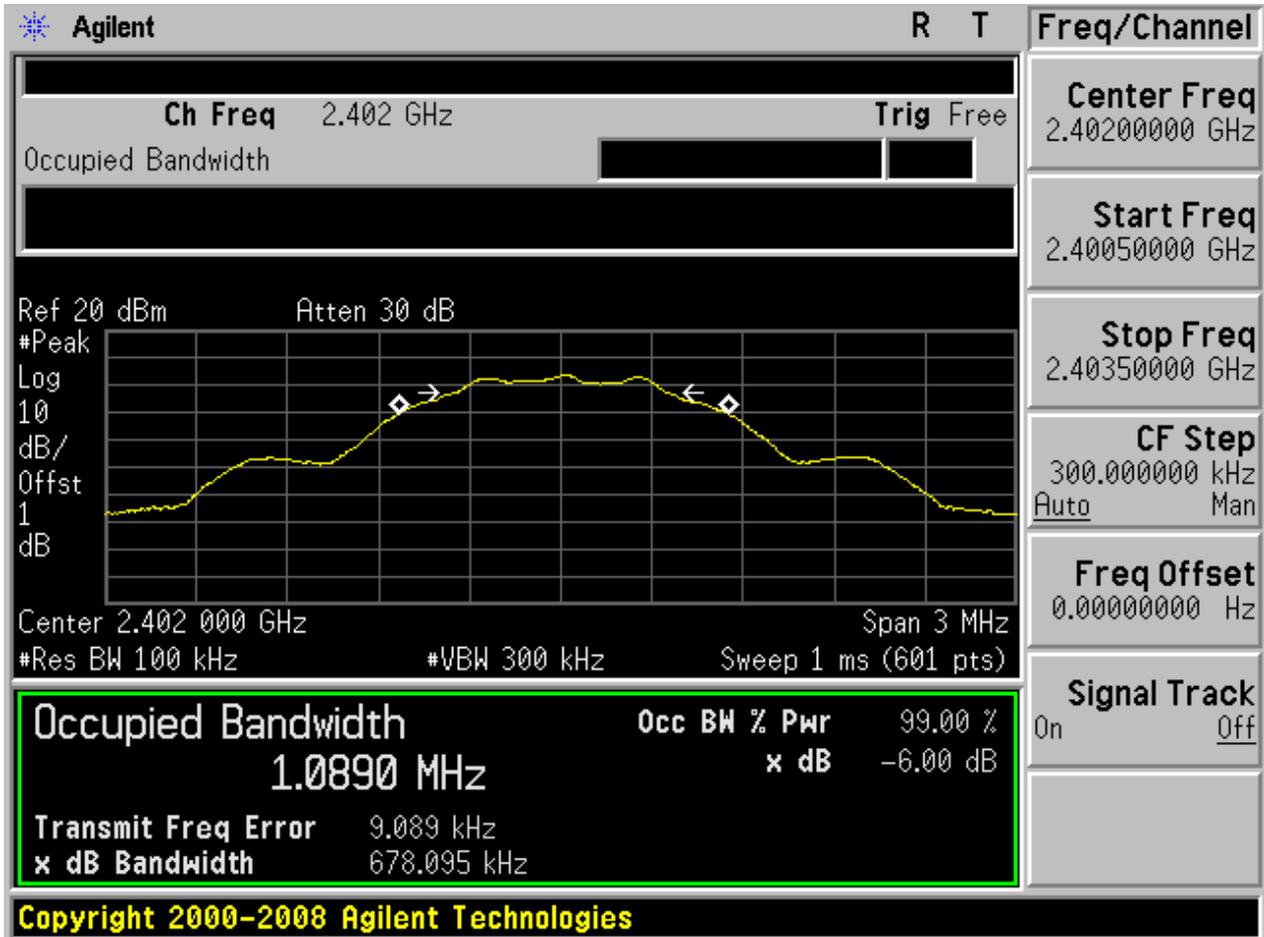
1 Result Table

EUT Conf.	EBW [KHz]	Verdict
TM1_DH5_Ch0	678.10	Pass
TM1_DH5_Ch19	677.45	Pass
TM1_DH5_Ch39	676.67	Pass



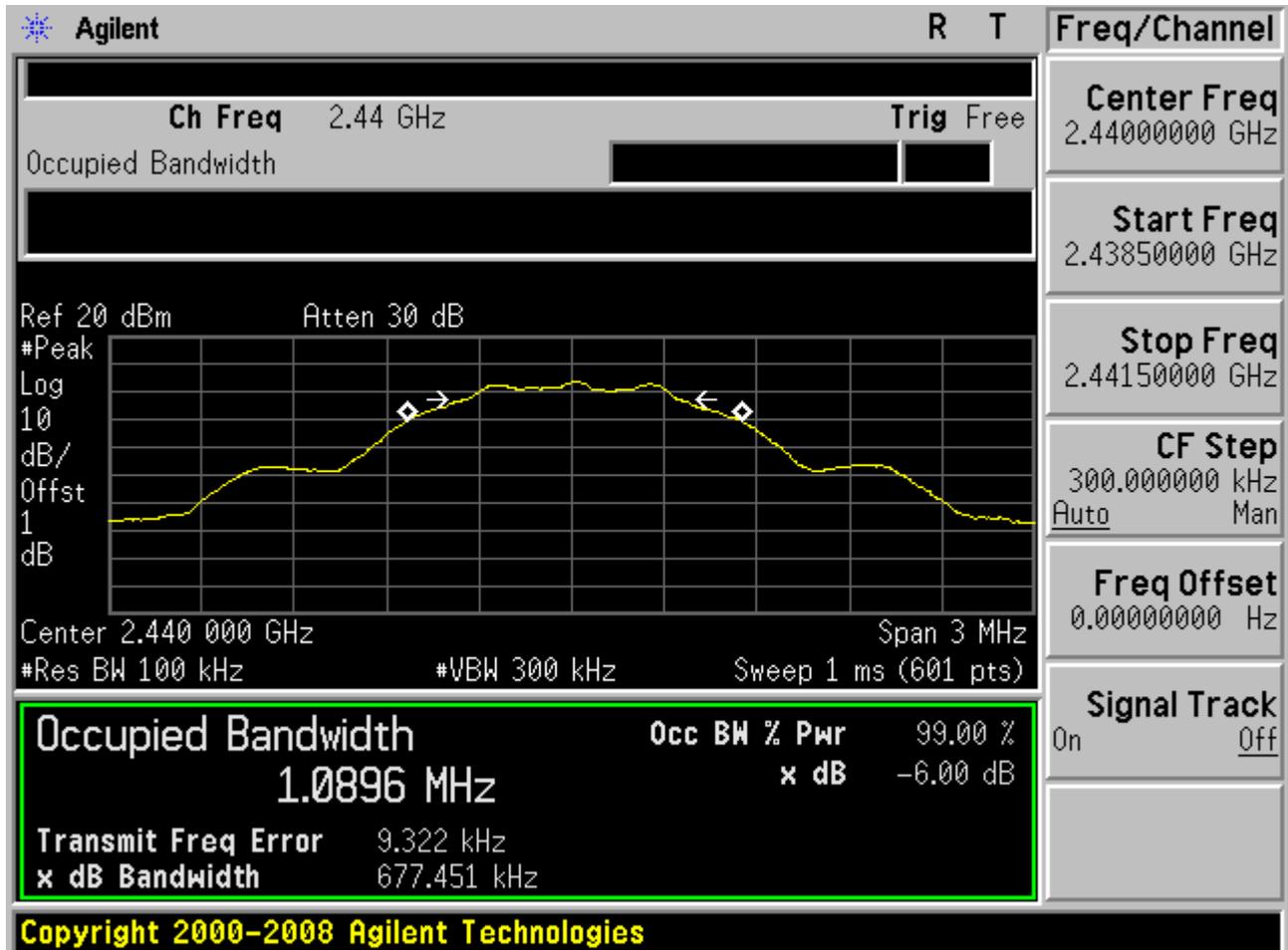
2 Test Plot

2.1 TM1_DH5_Ch0



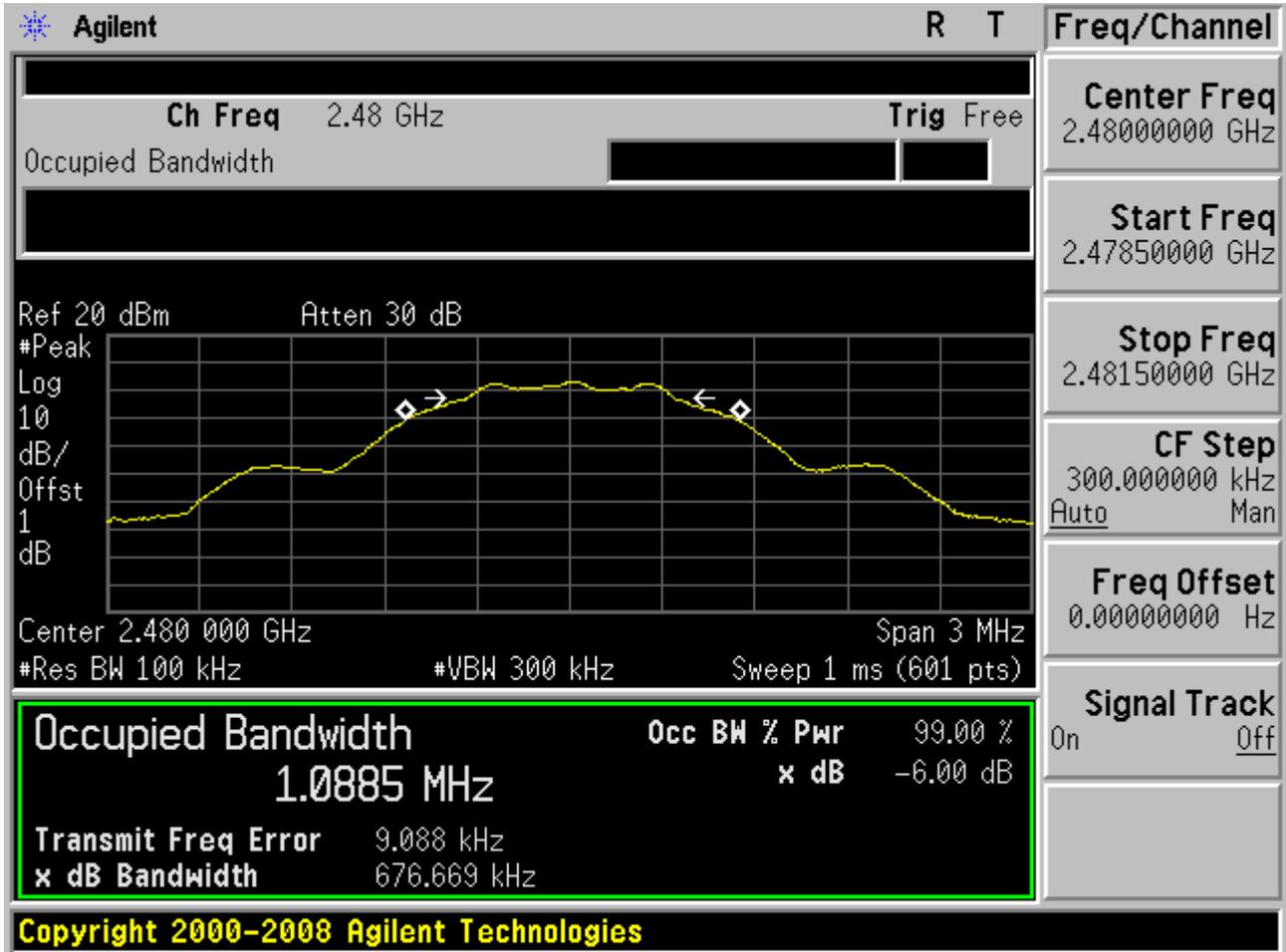


2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





Appendix B: Maximum Peak Conducted Output Power



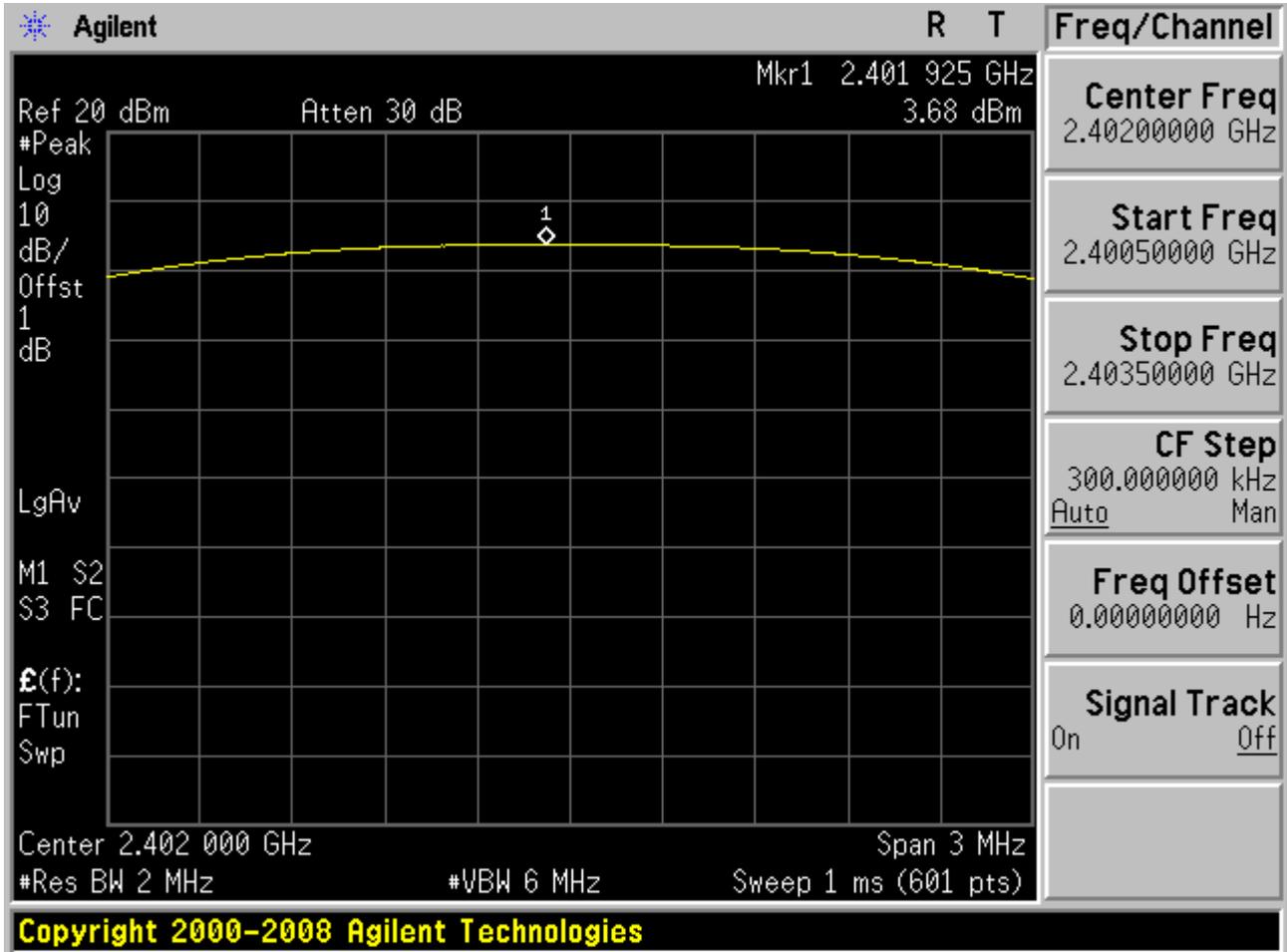
1 Result Table

EUT Conf.	Max. Peak Power [dBm]	Verdict
TM1_DH5_Ch0	3.68	Pass
TM1_DH5_Ch19	3.58	Pass
TM1_DH5_Ch39	3.32	Pass



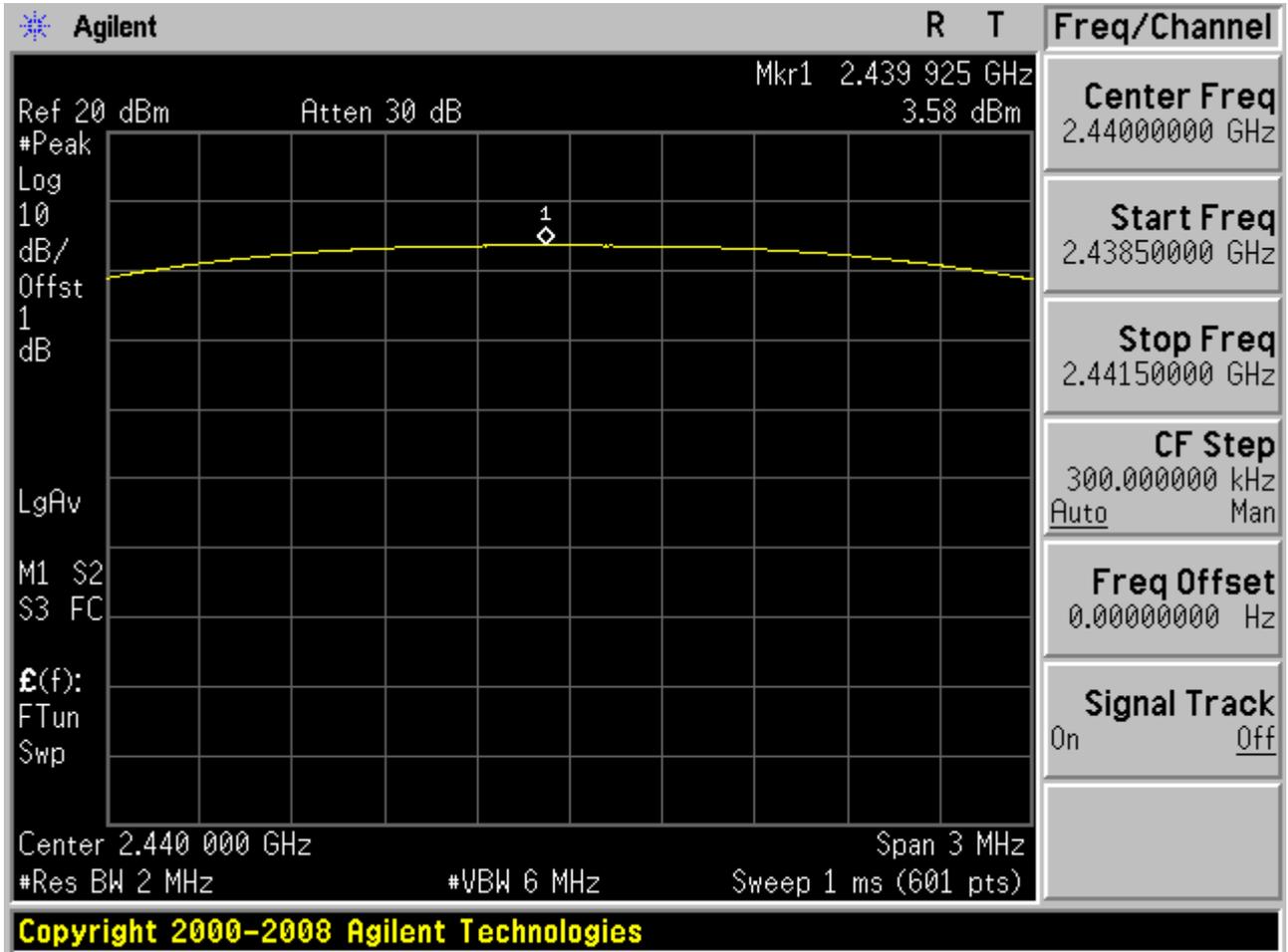
2 Test Plot

2.1 TM1_DH5_Ch0



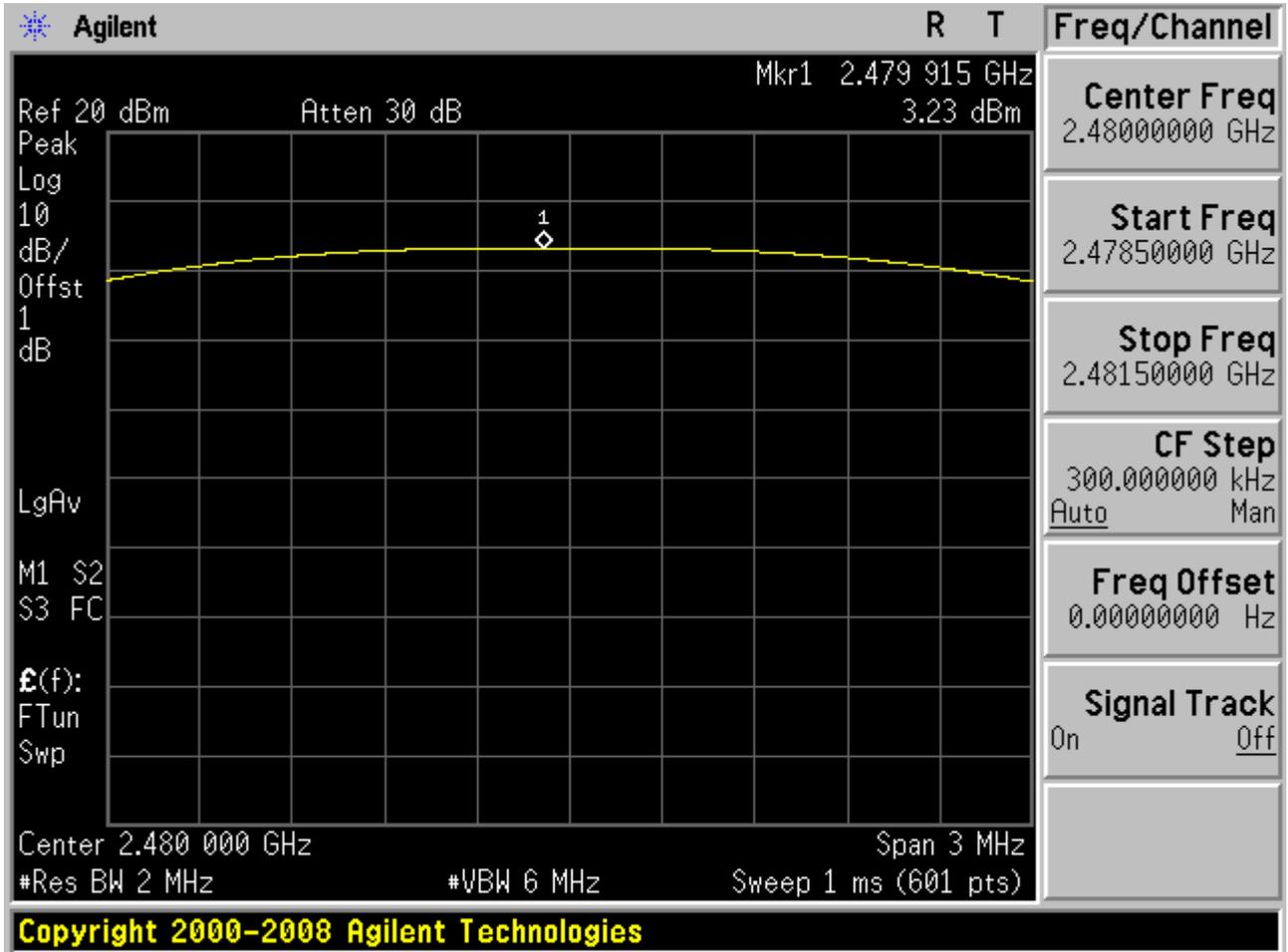


2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





Appendix C: Maximum Power Spectral Density Level



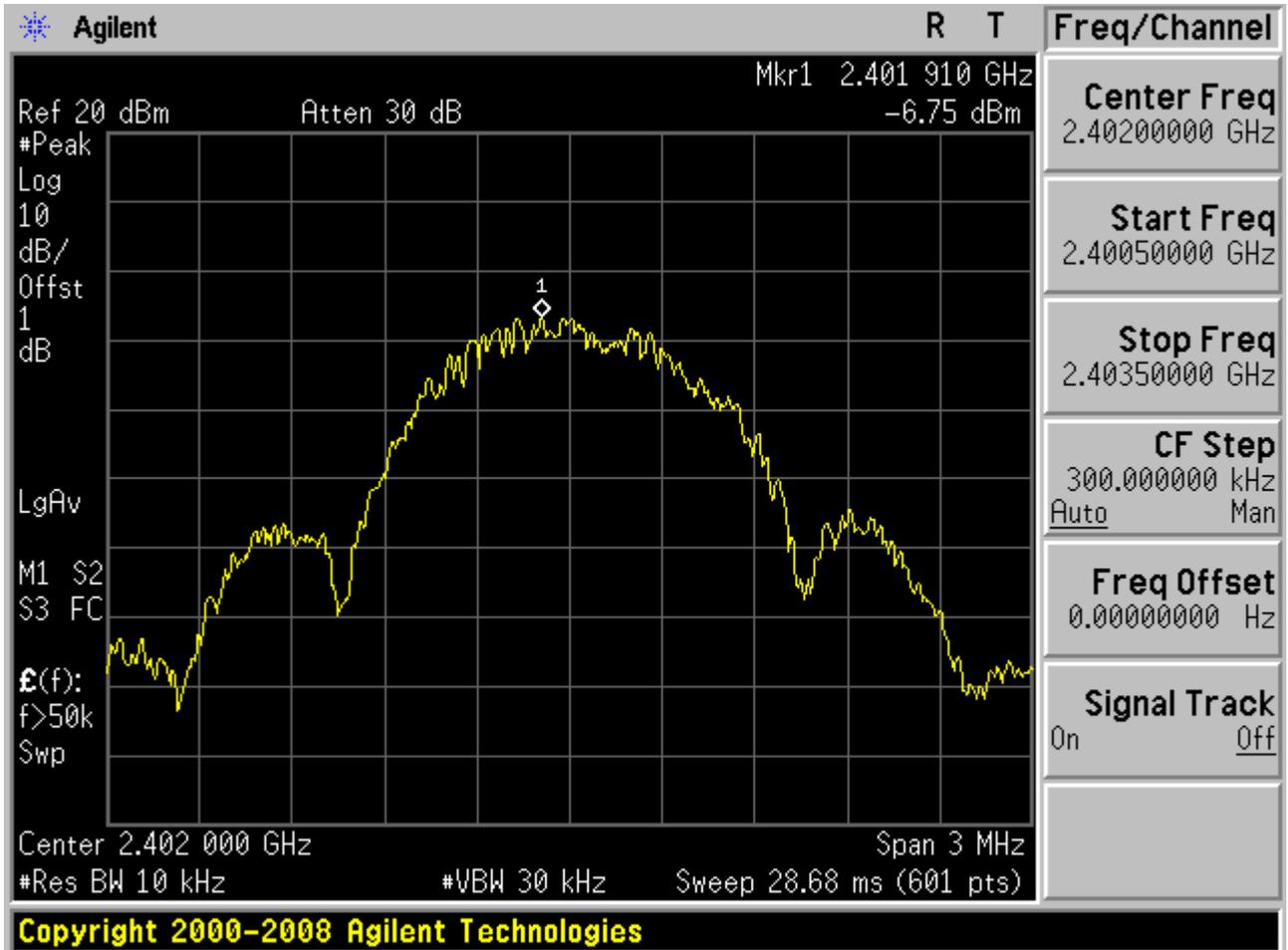
1 Result Table

EUT Conf.	Max. Power Spectral Density Level [dBm]	Verdict
TM1_DH5_Ch0	-6.75	Pass
TM1_DH5_Ch19	-6.83	Pass
TM1_DH5_Ch39	-7.20	Pass

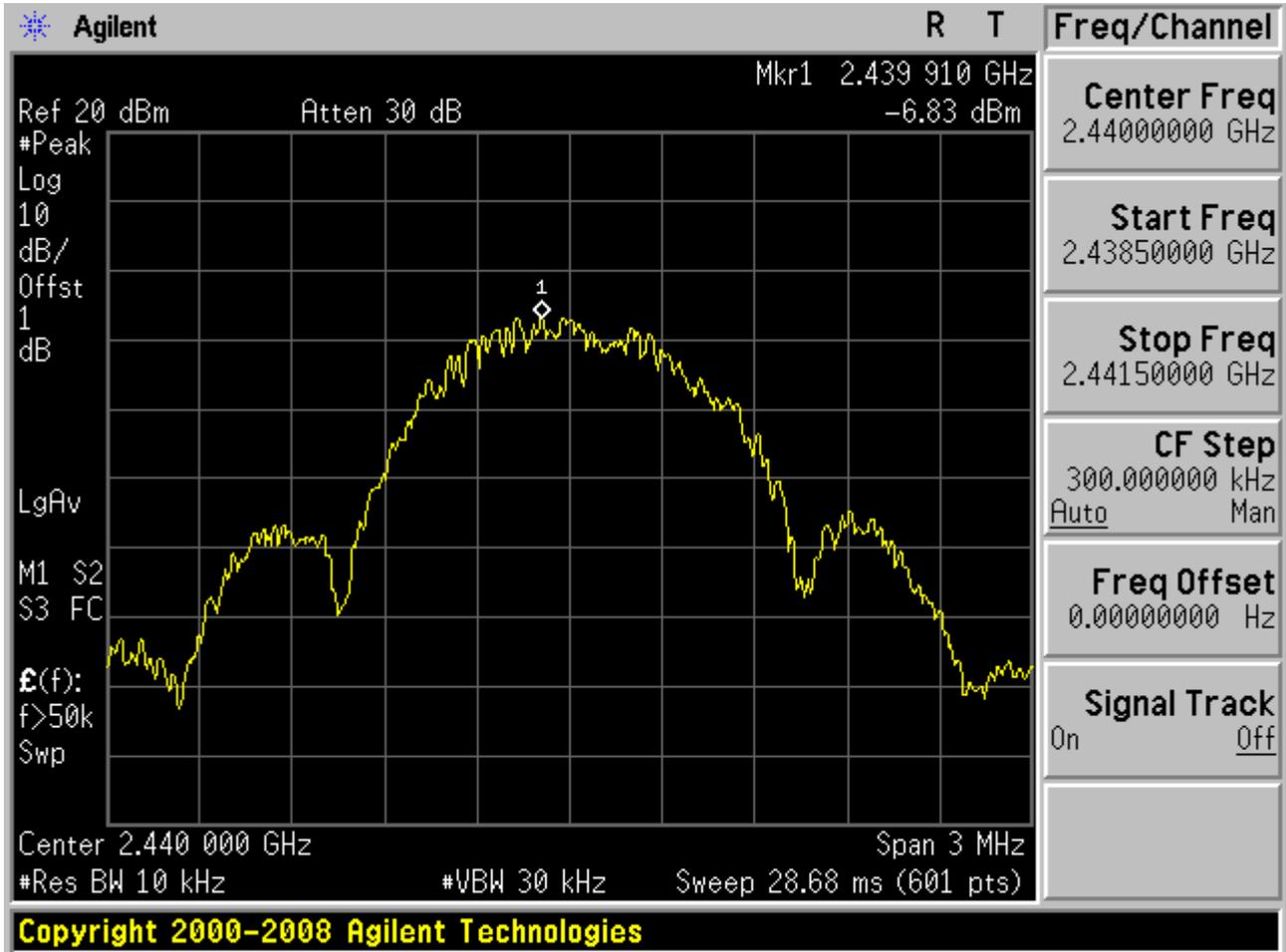


2 Test Plot

2.1 TM1_DH5_Ch0

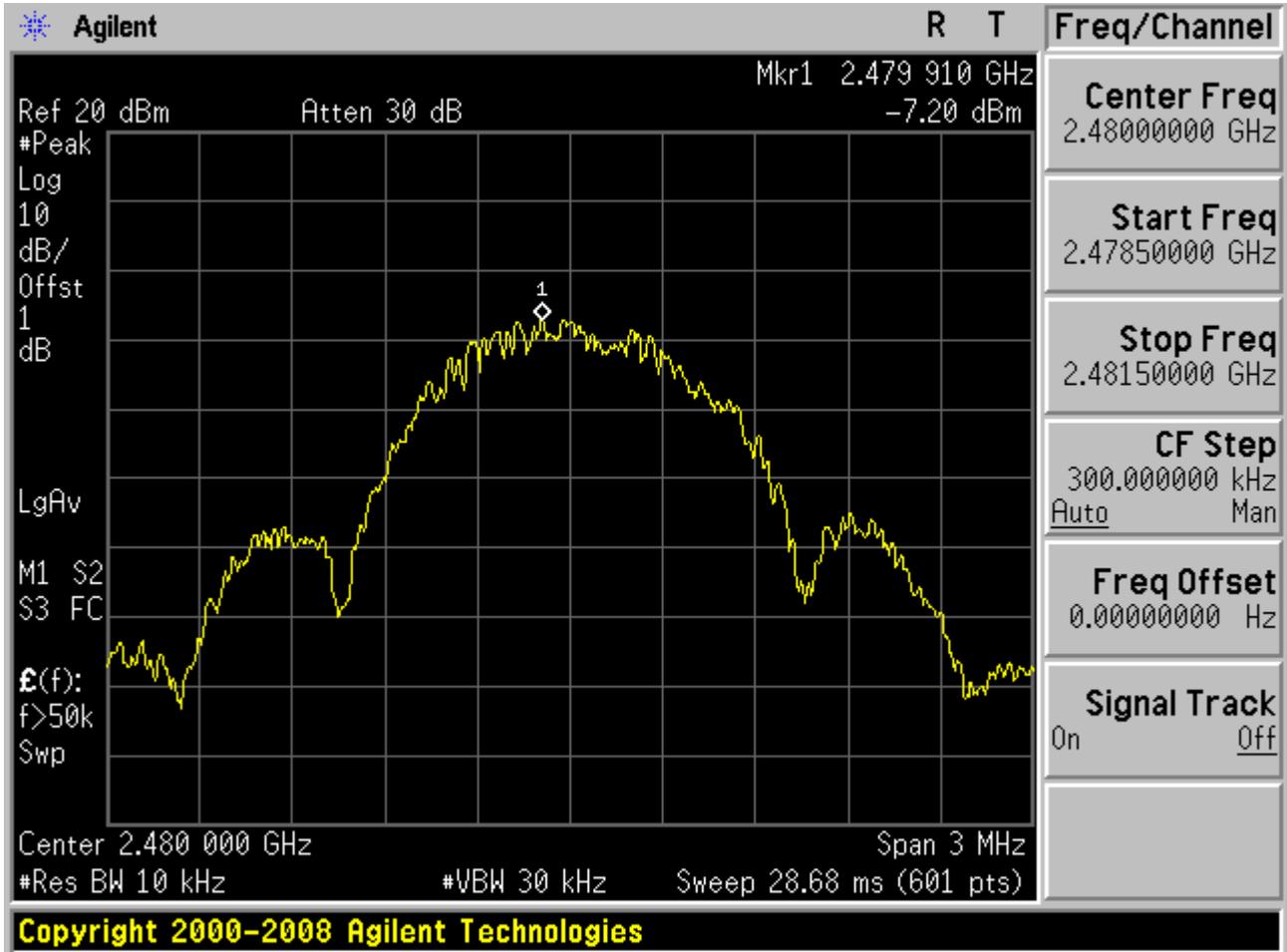


2.2 TM1_DH5_Ch19





2.3 TM1_DH5_Ch39





Appendix D: Band edge spurious emission

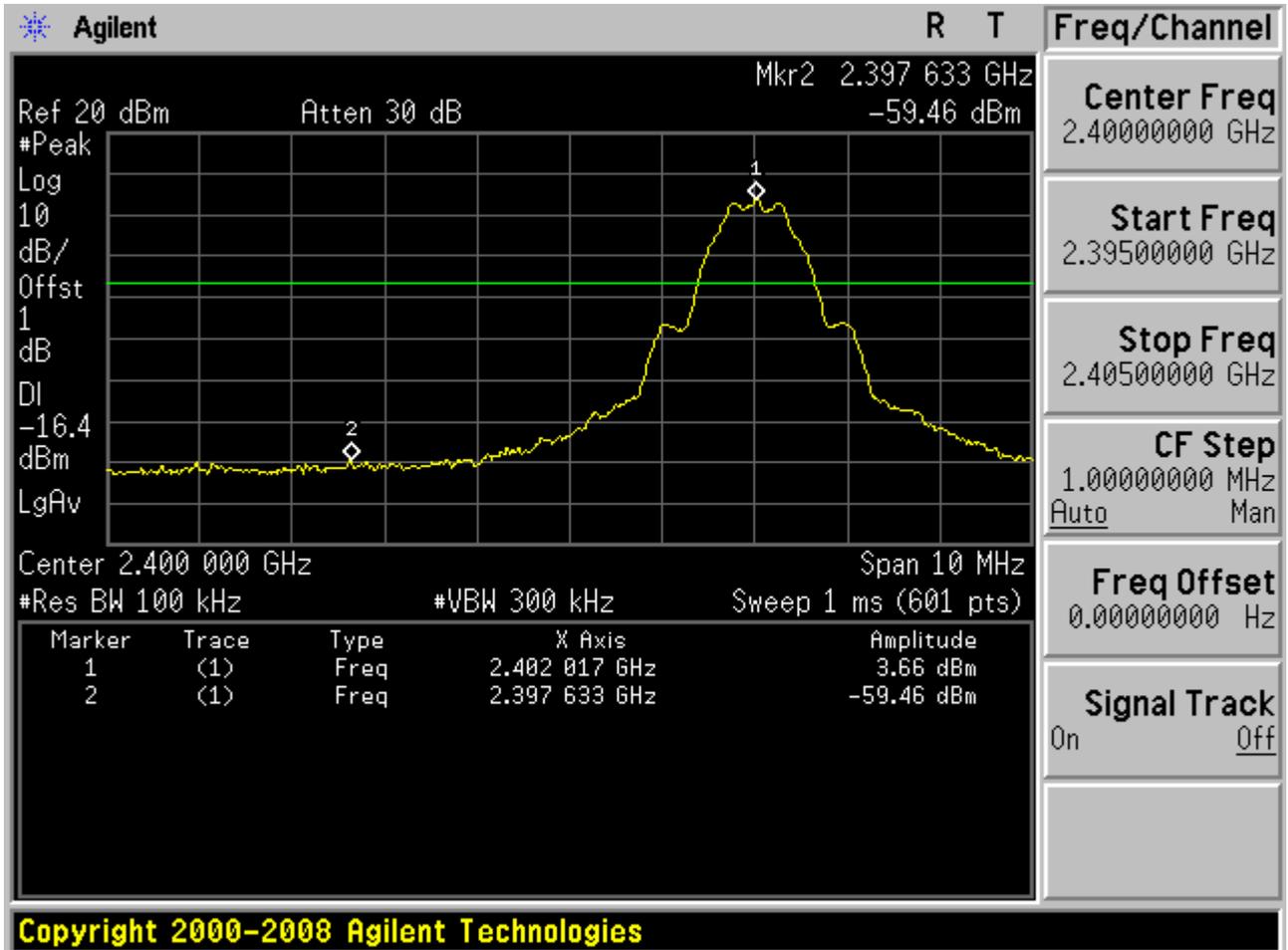


3 Result Table

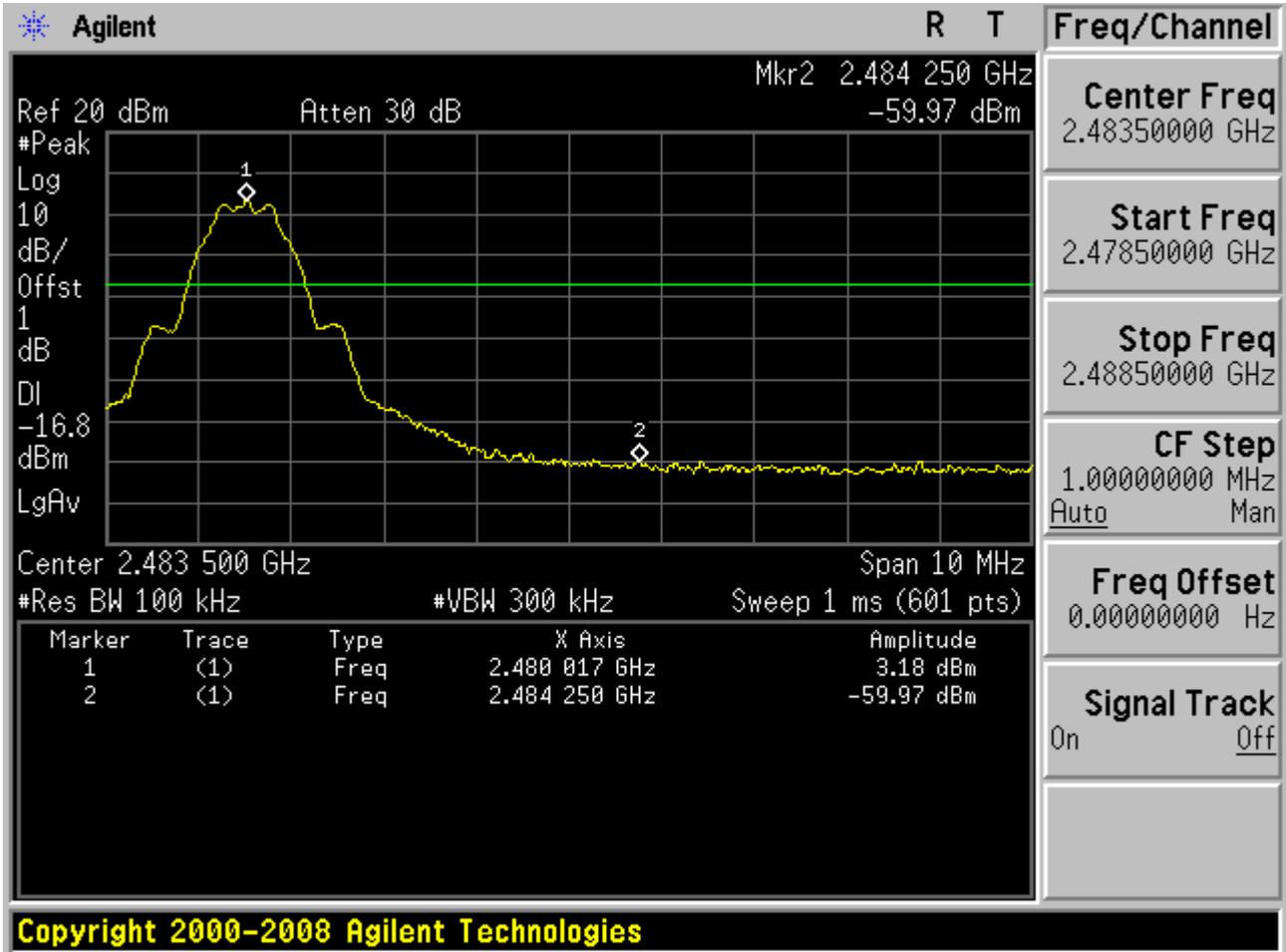
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max. Spurious Level [dBm]	Limit [dBm]	Result
TM1_DH5_Ch0	0	2402	3.66	Off	-59.46	-16.44	Pass
TM1_DH5_Ch39	39	2480	3.18	Off	-59.97	-16.82	Pass

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”.

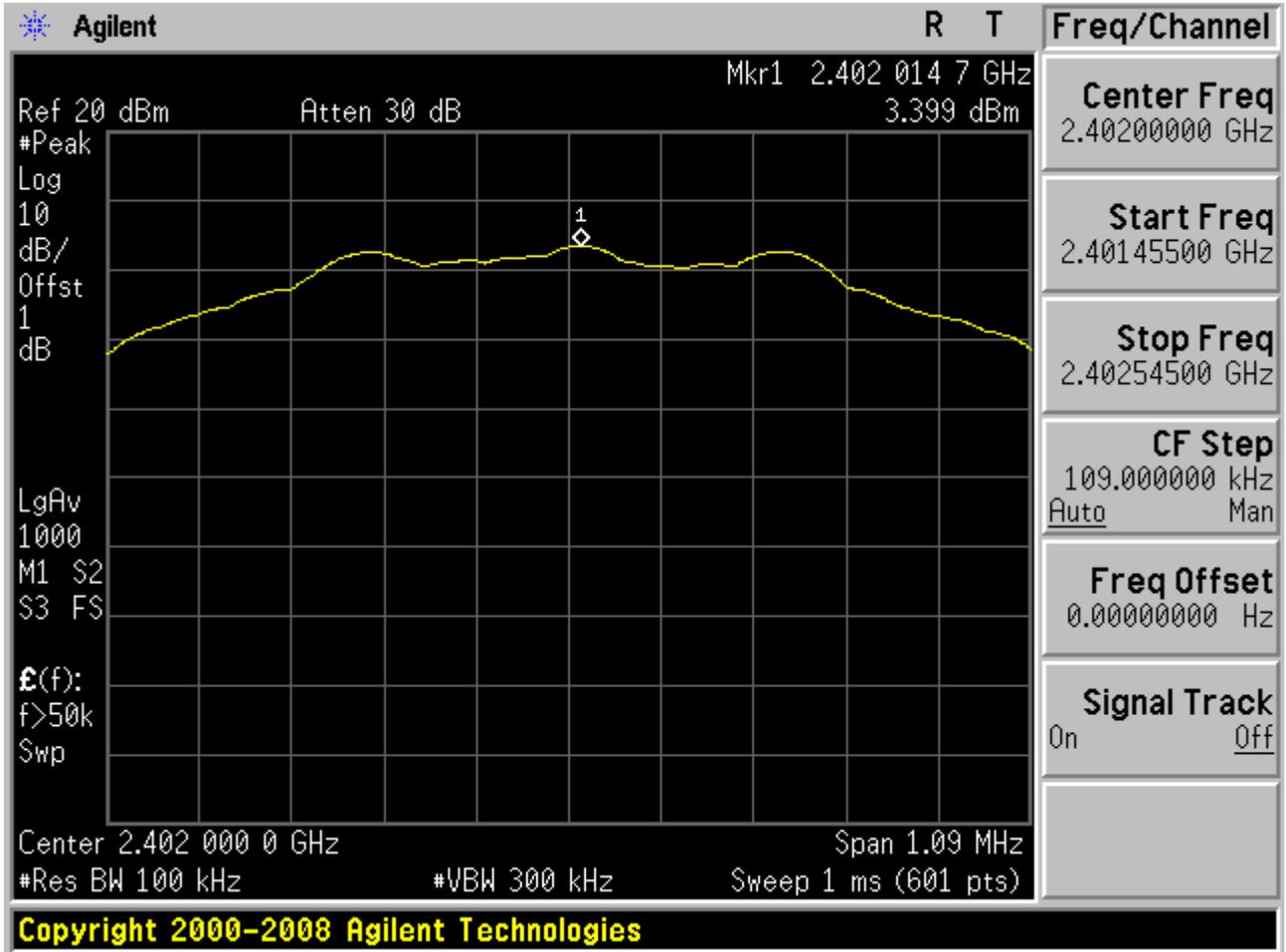
EUT Conf.	Pref [dBm/100 kHz]	Puw [dBm/100 kHz]	Verdict
TM1_DH5_Ch0	3.40	< Limit	Pass
TM1_DH5_Ch39	3.29	< Limit	Pass
TM1_DH5_Ch78	2.95	< Limit	Pass



2 Test Plot

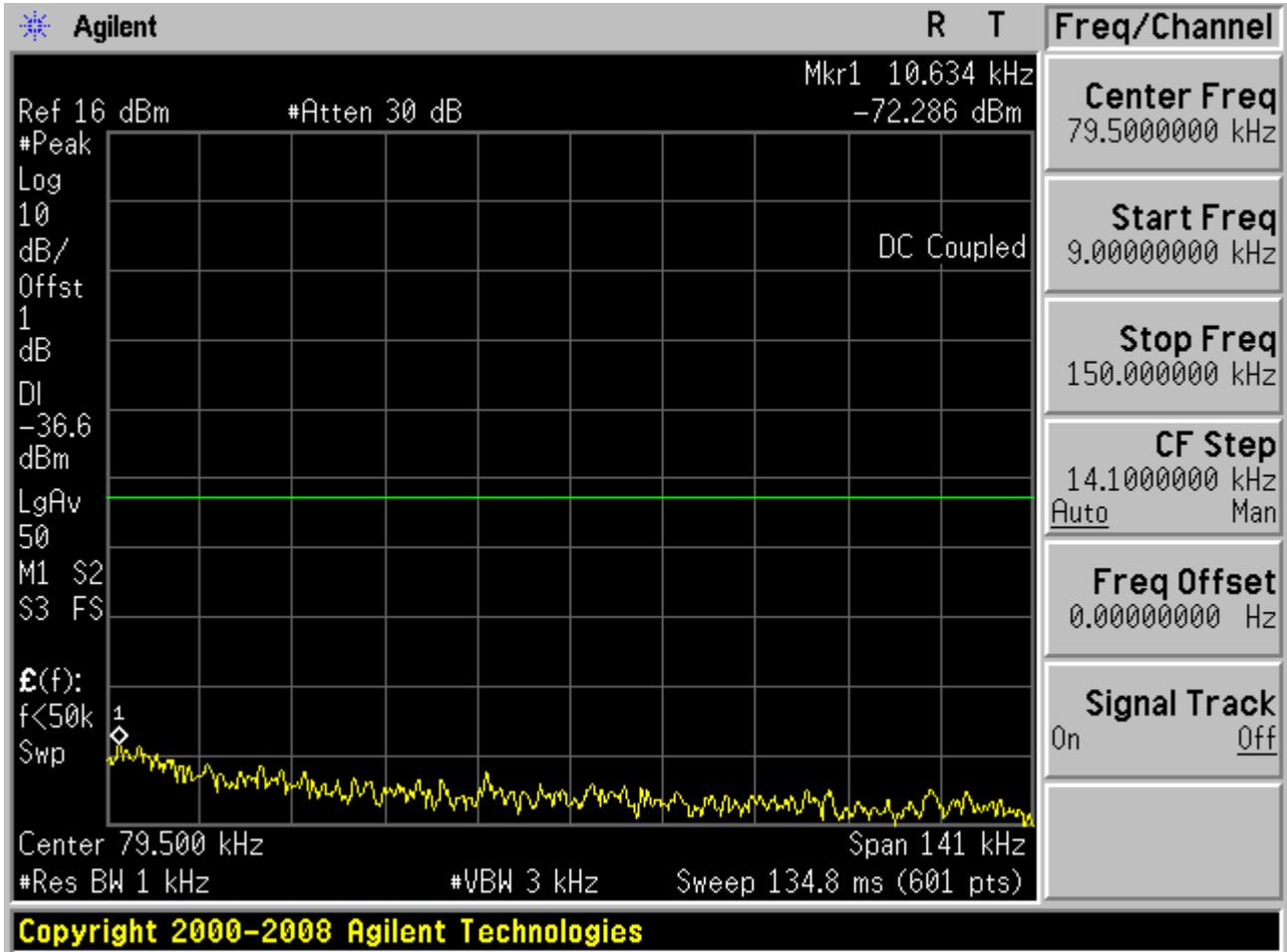
2.1 TM1_DH5_Ch0

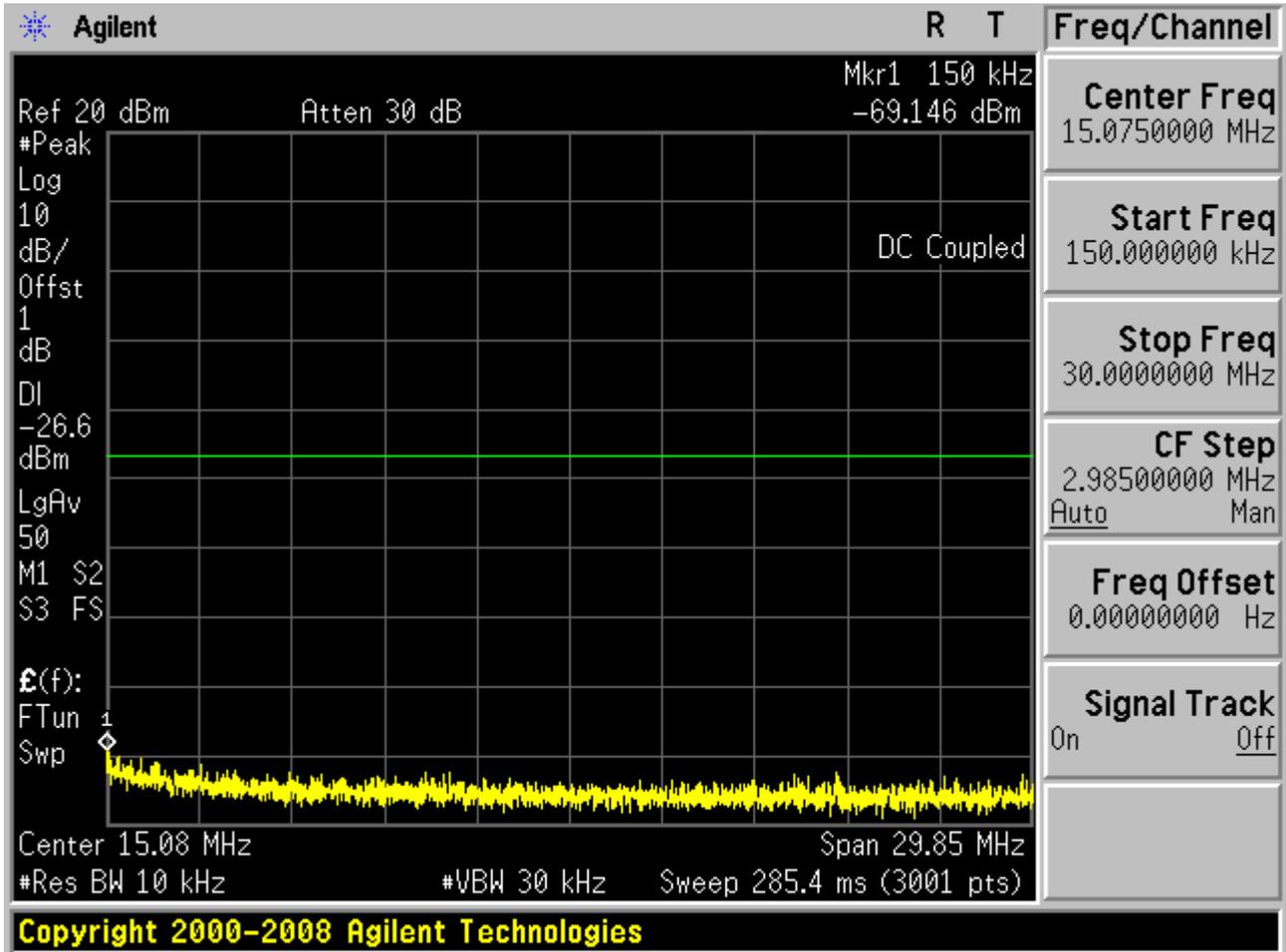
2.1.1 Pref

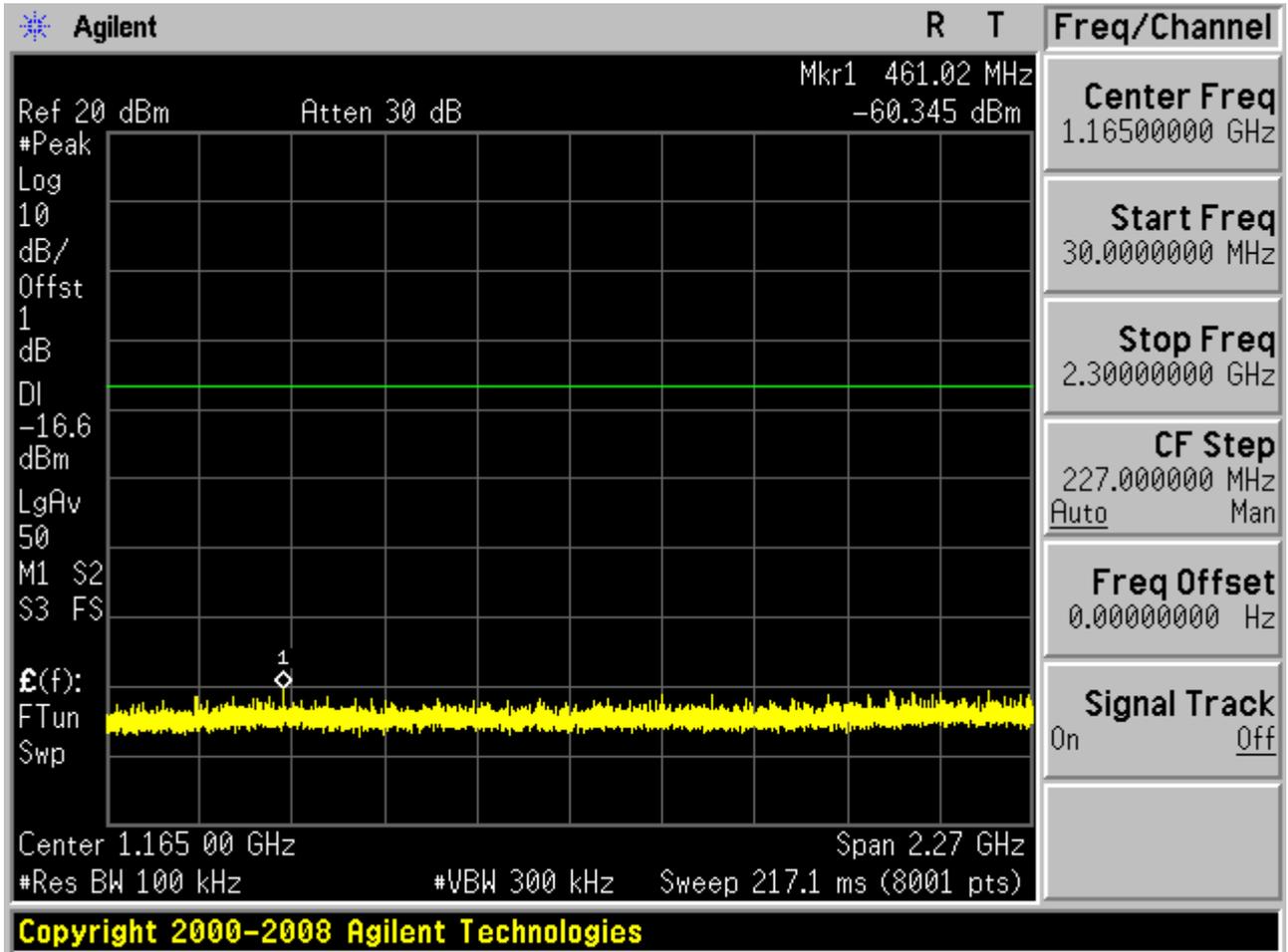


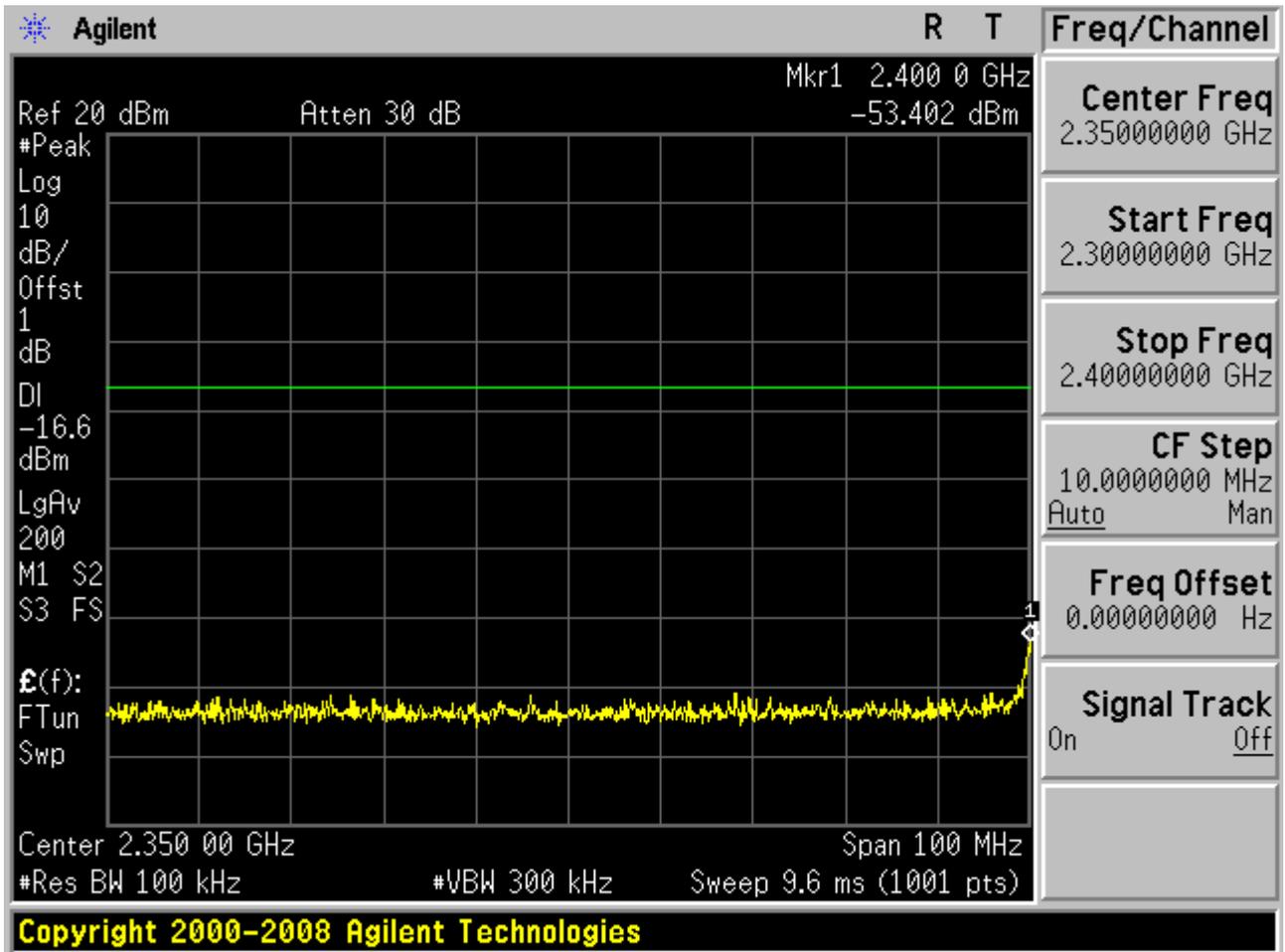


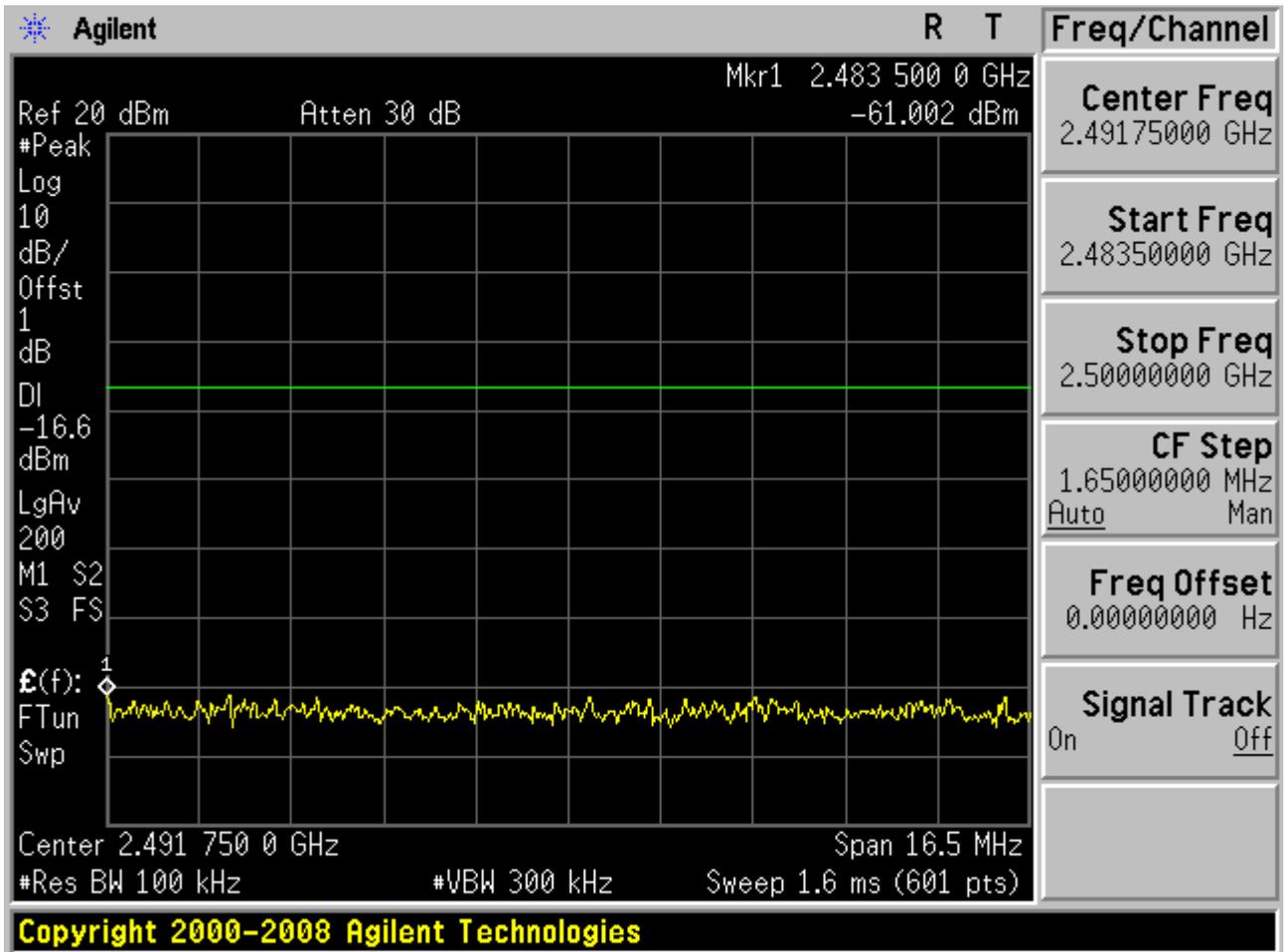
2.1.2 Puw

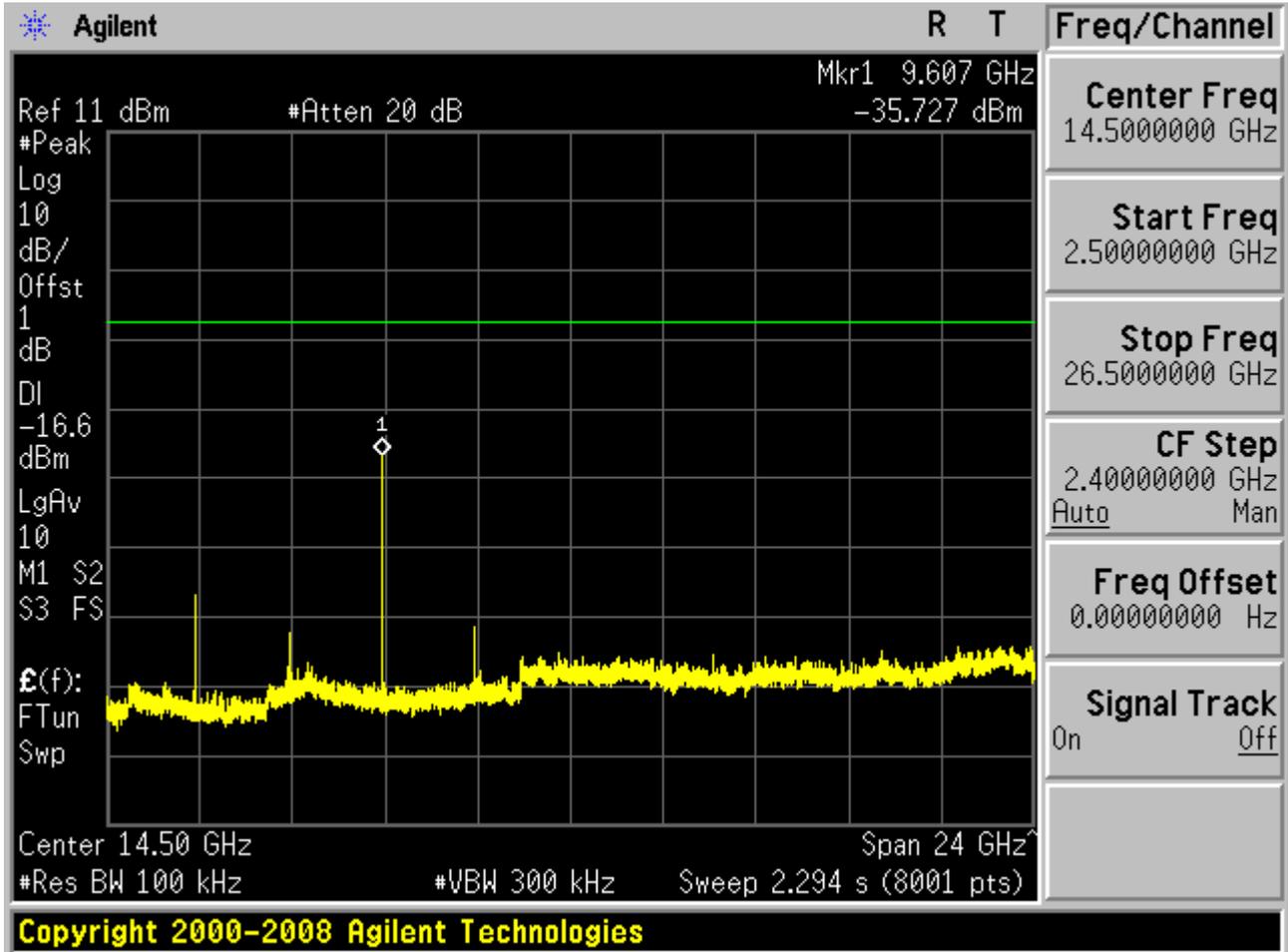








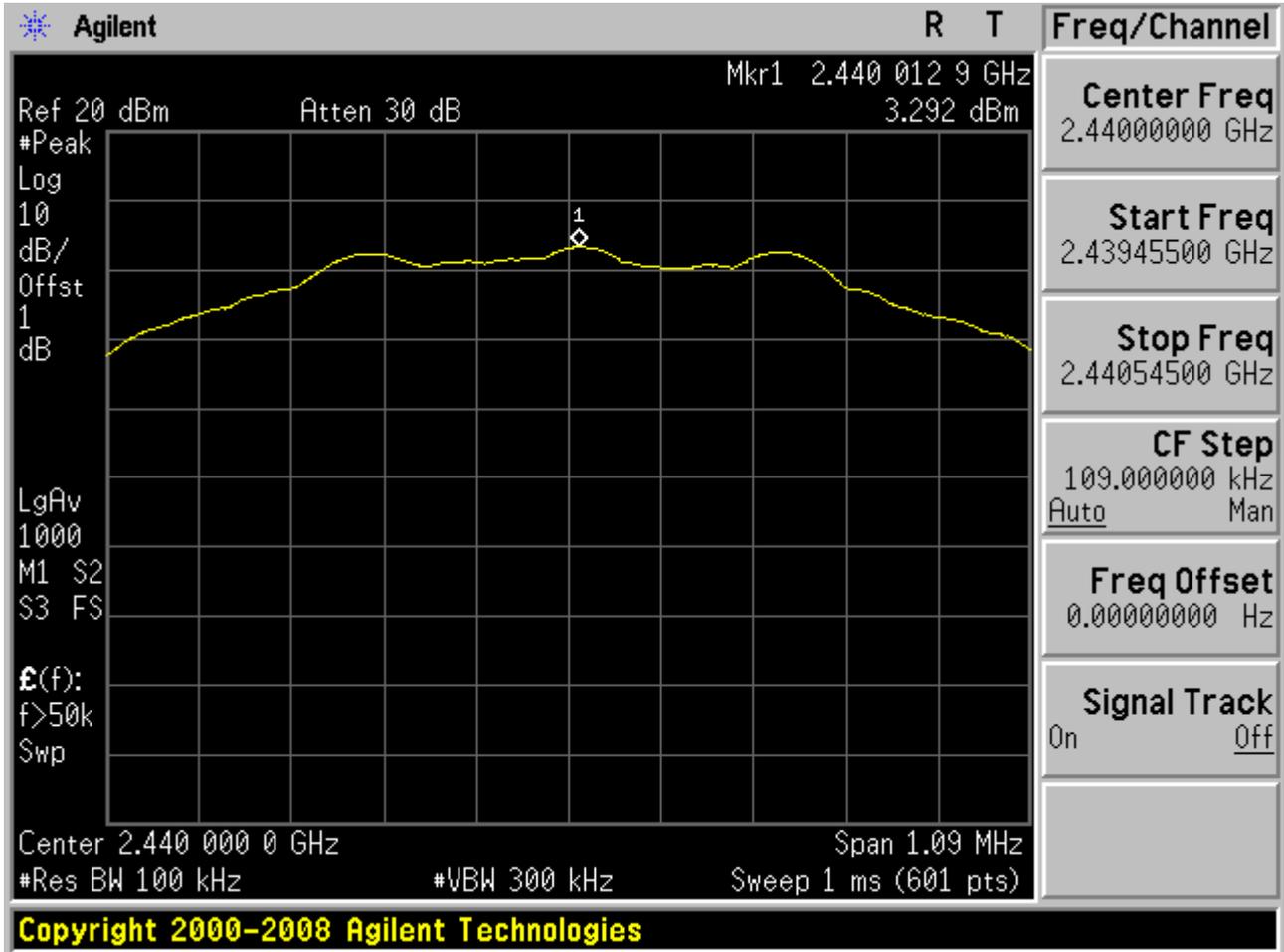






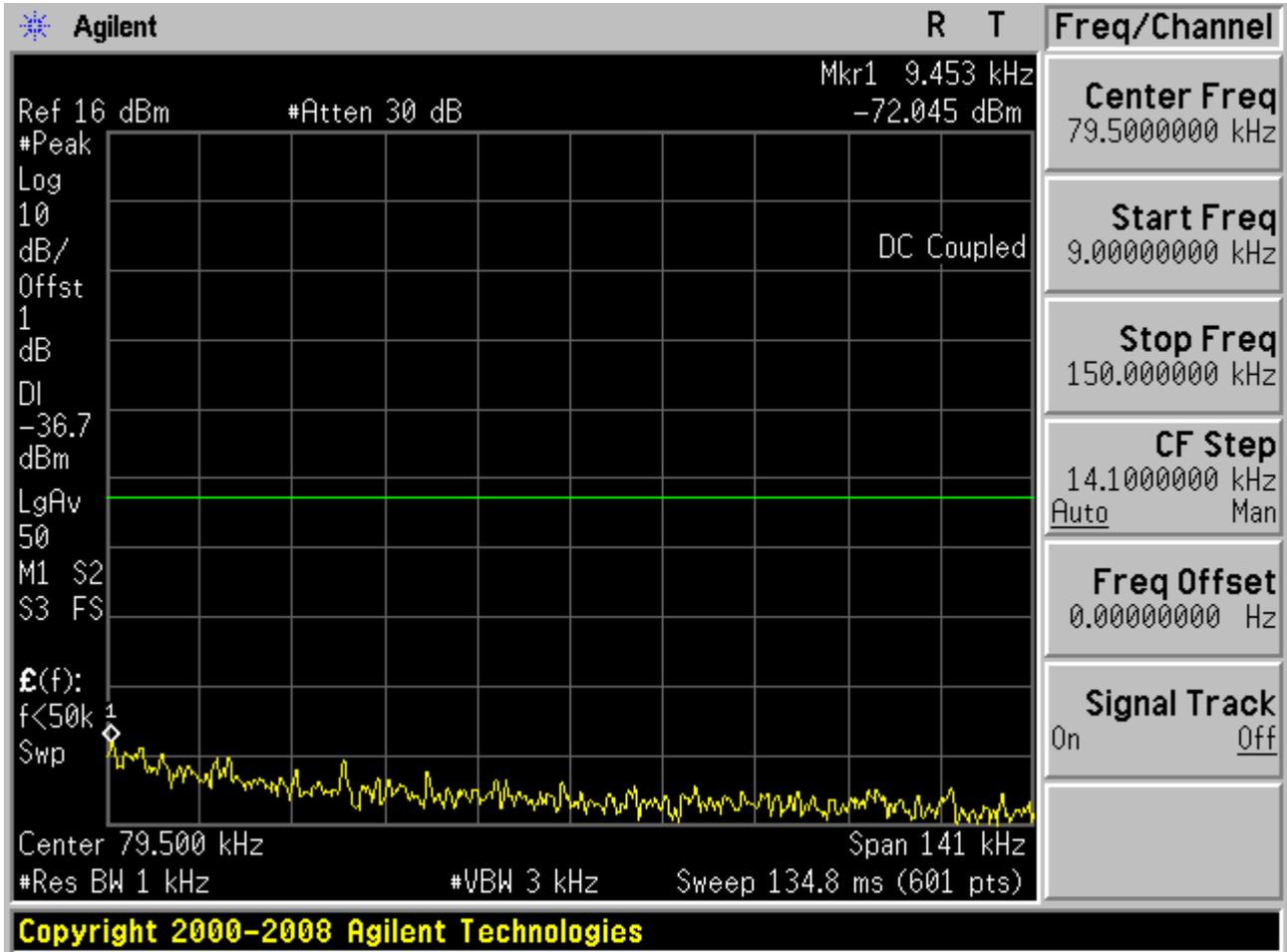
2.2 TM1_DH5_Ch19

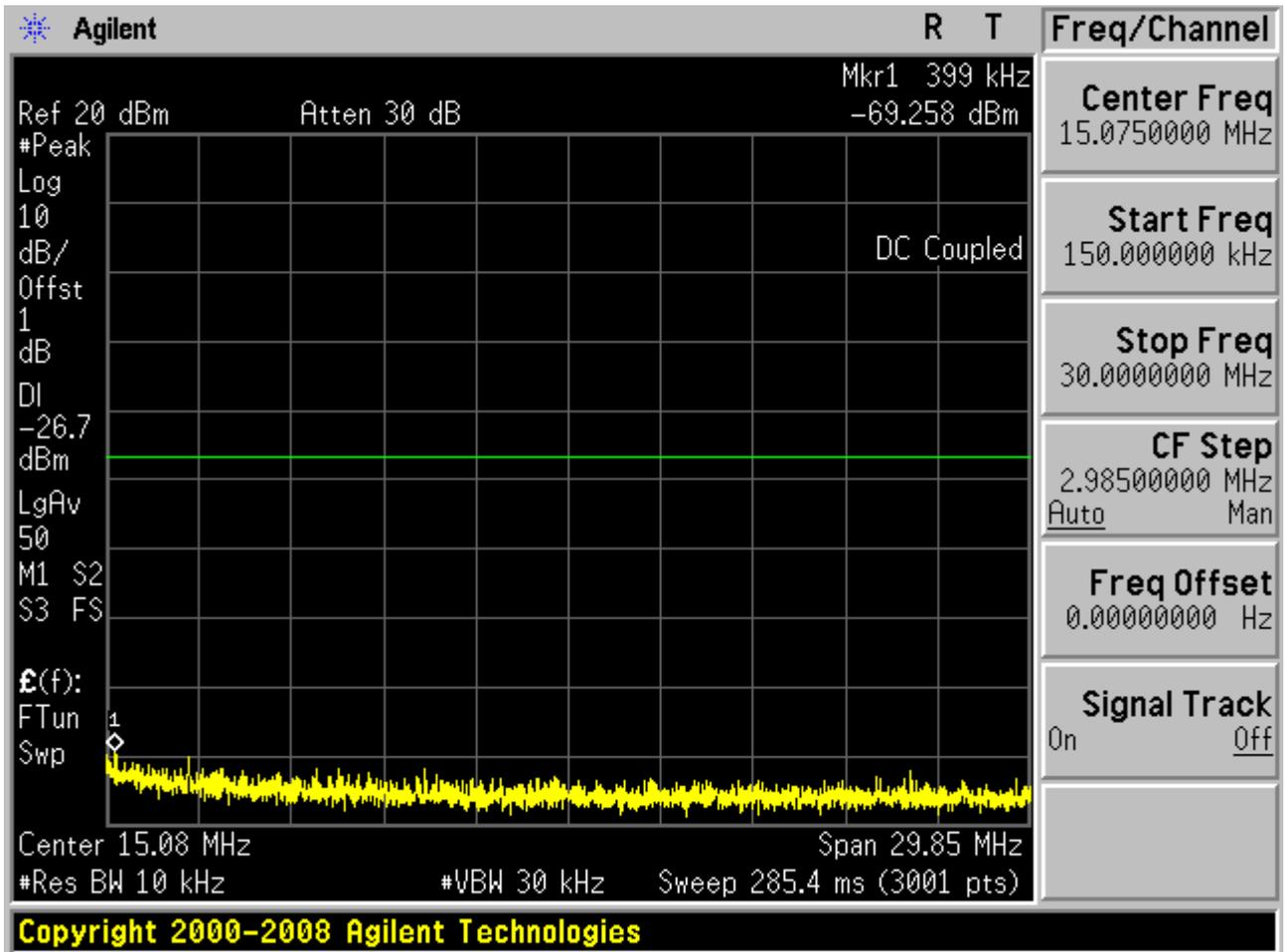
2.2.1 Pref

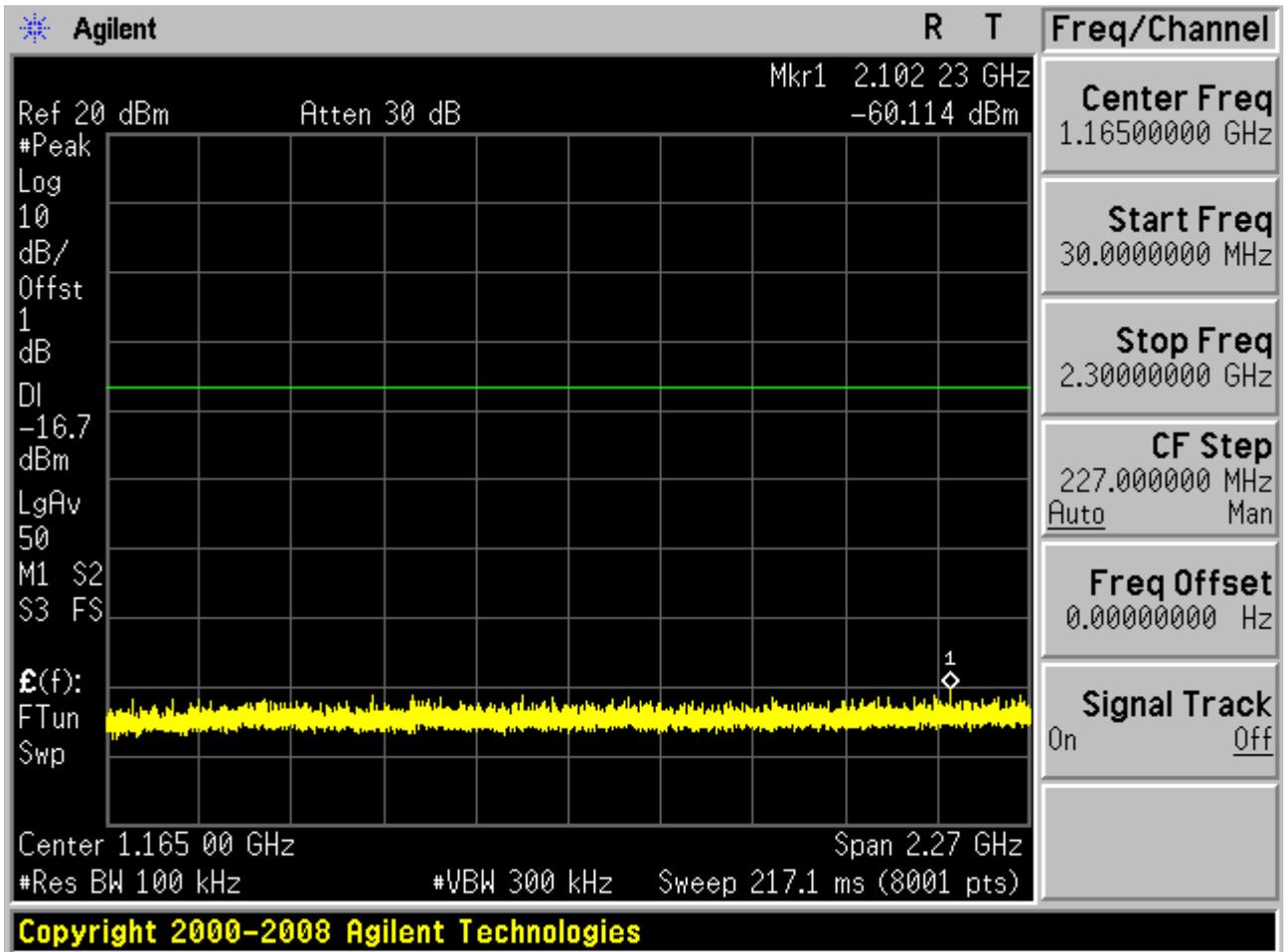


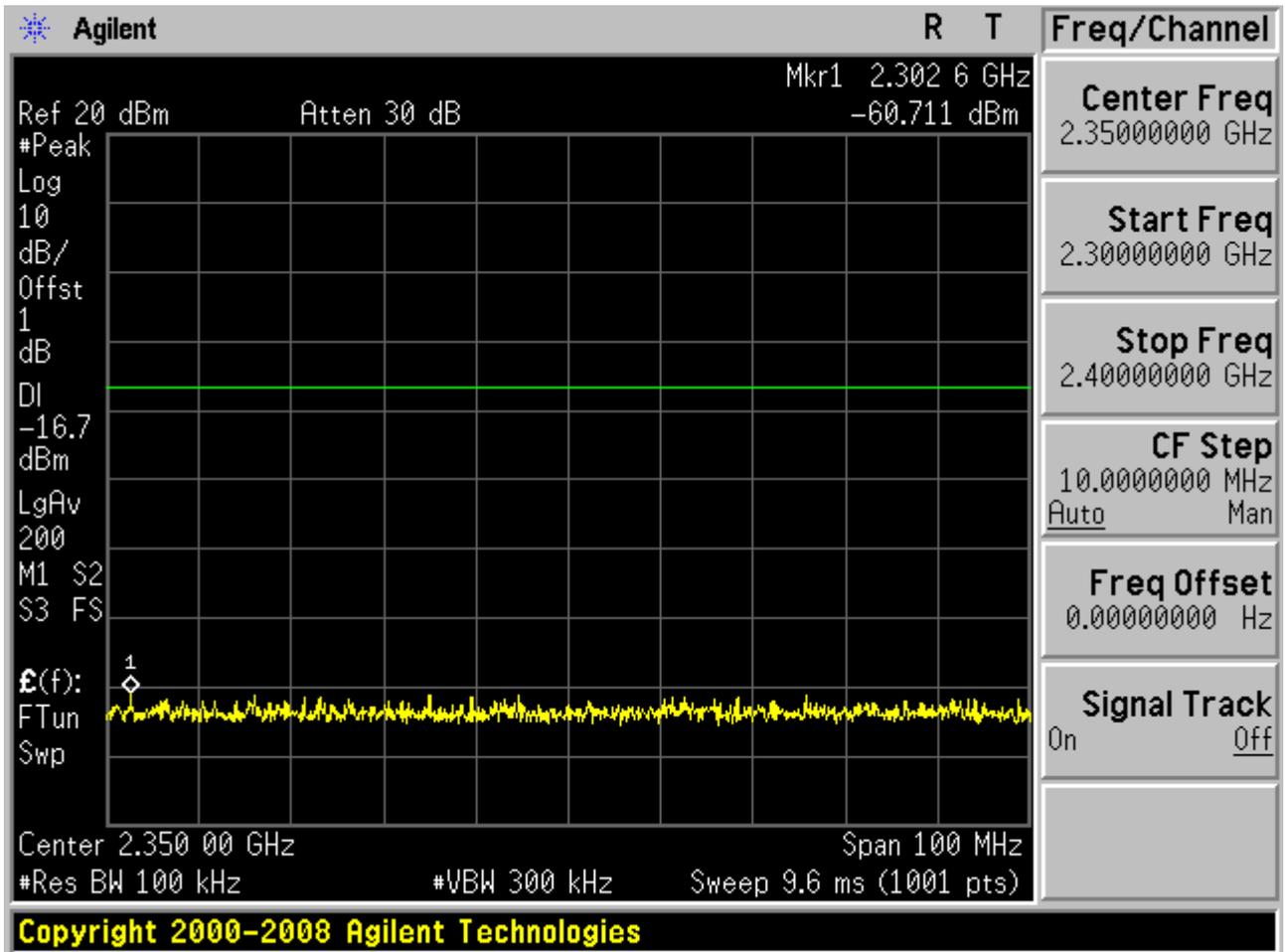


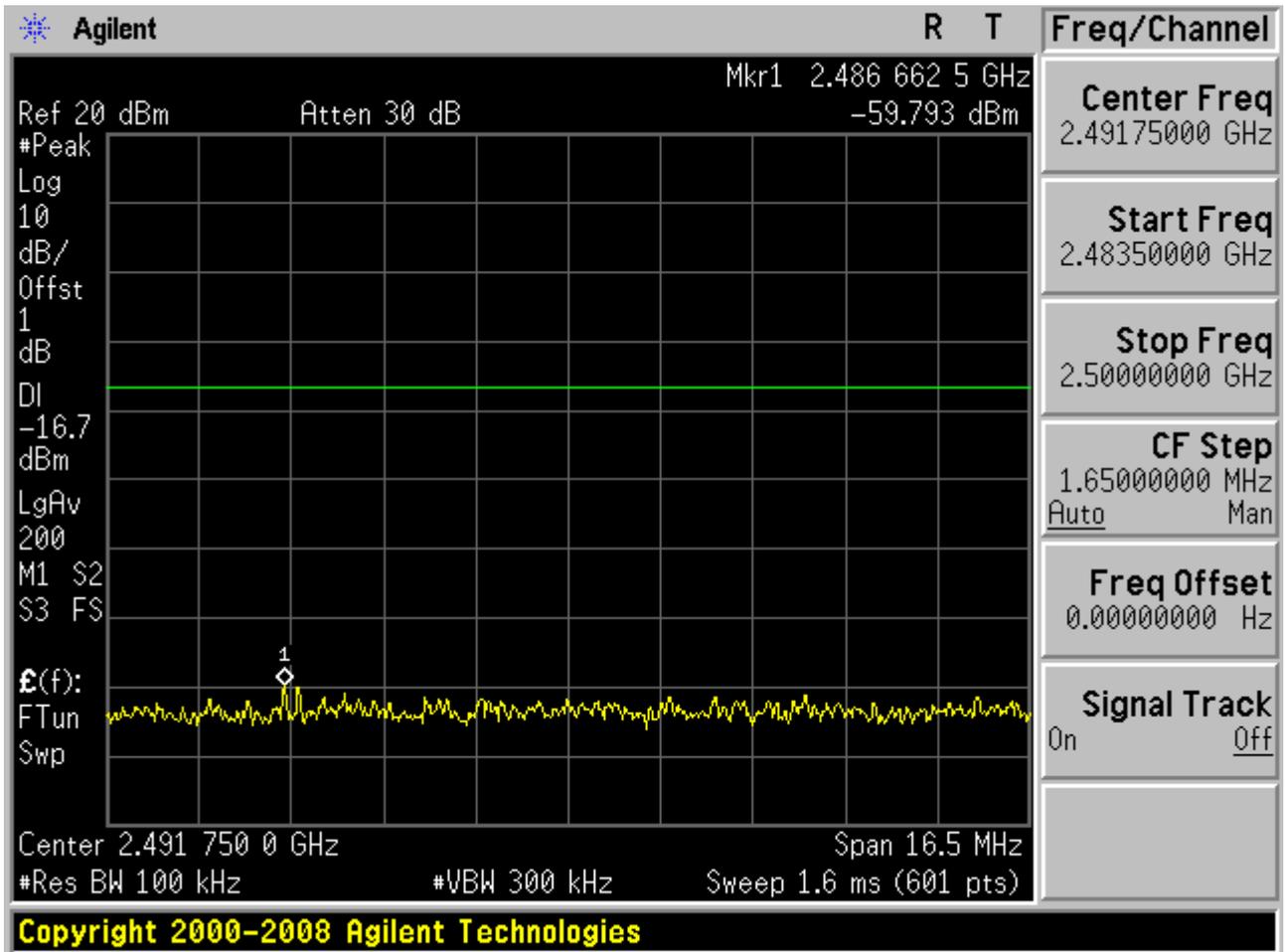
2.2.2 Puw

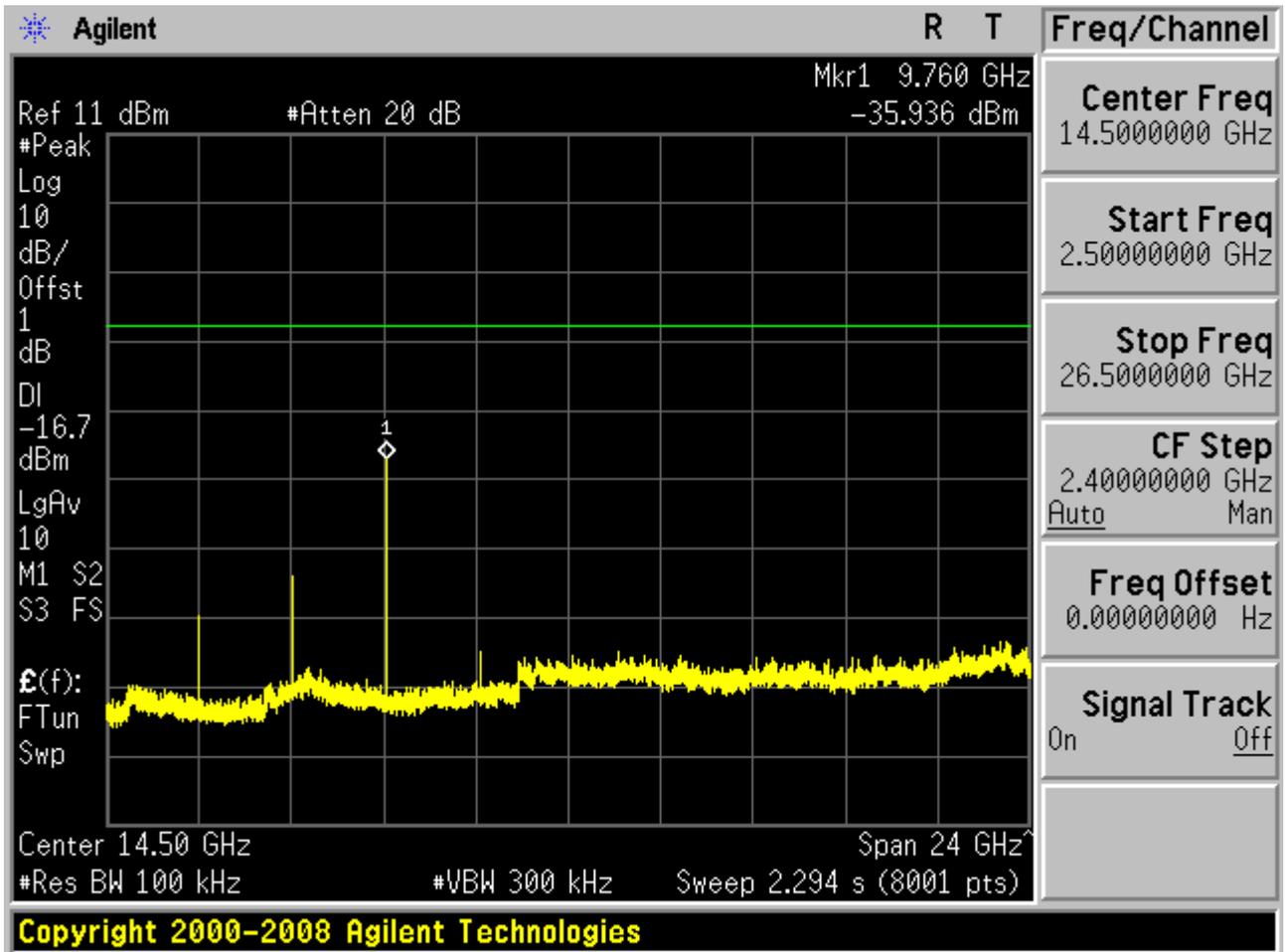








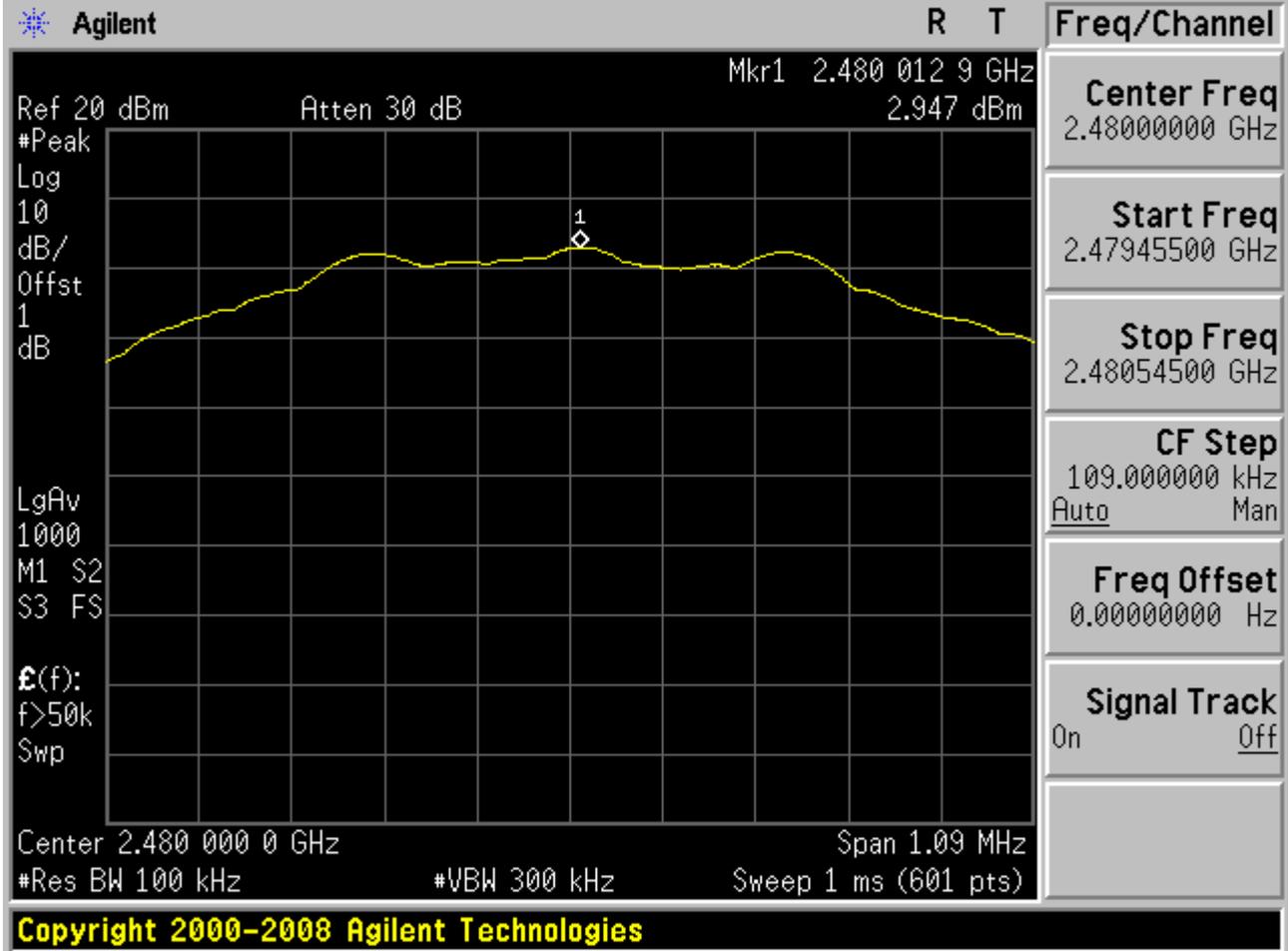






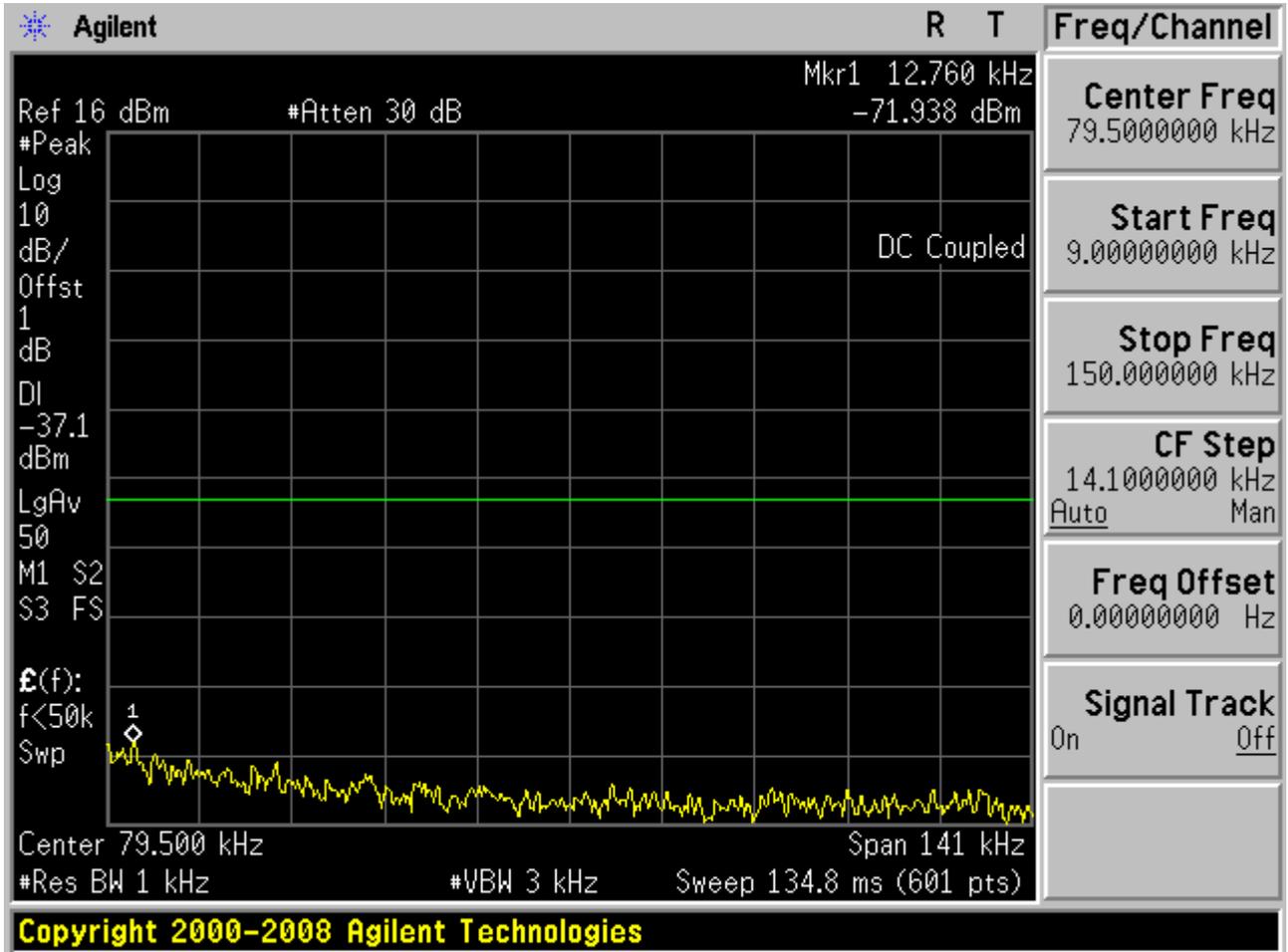
2.3 TM1_DH5_Ch39

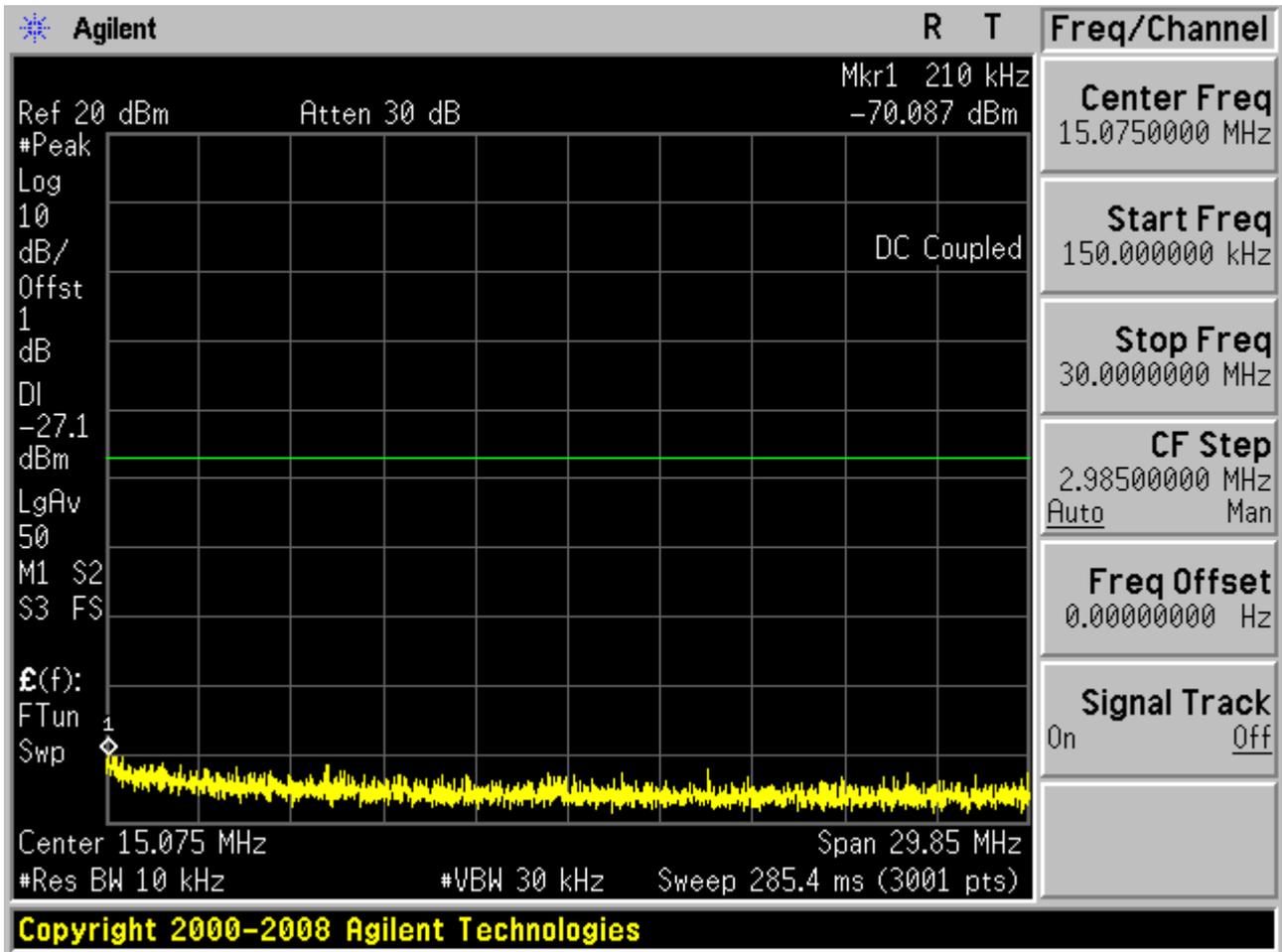
2.3.1 Pref

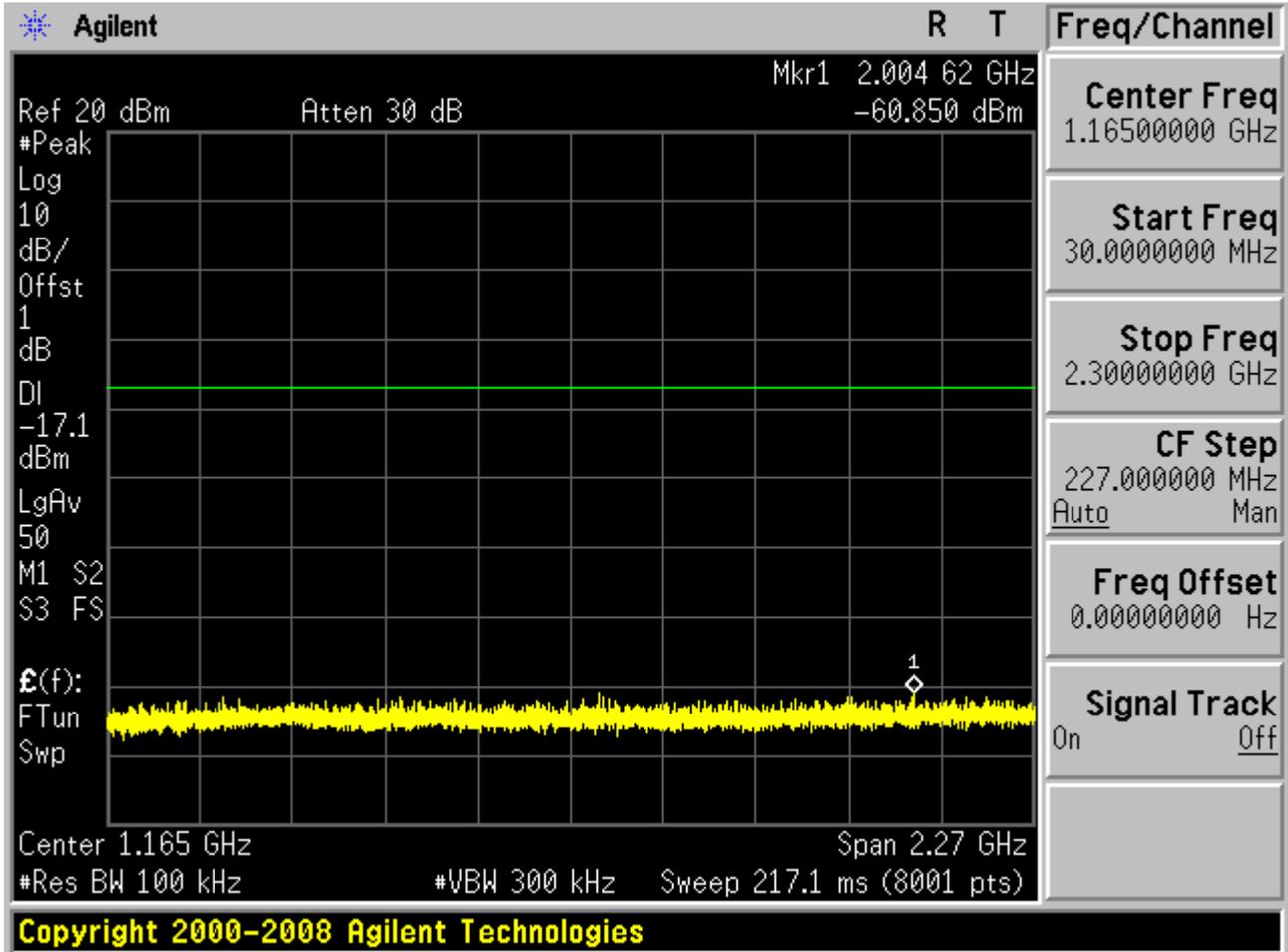


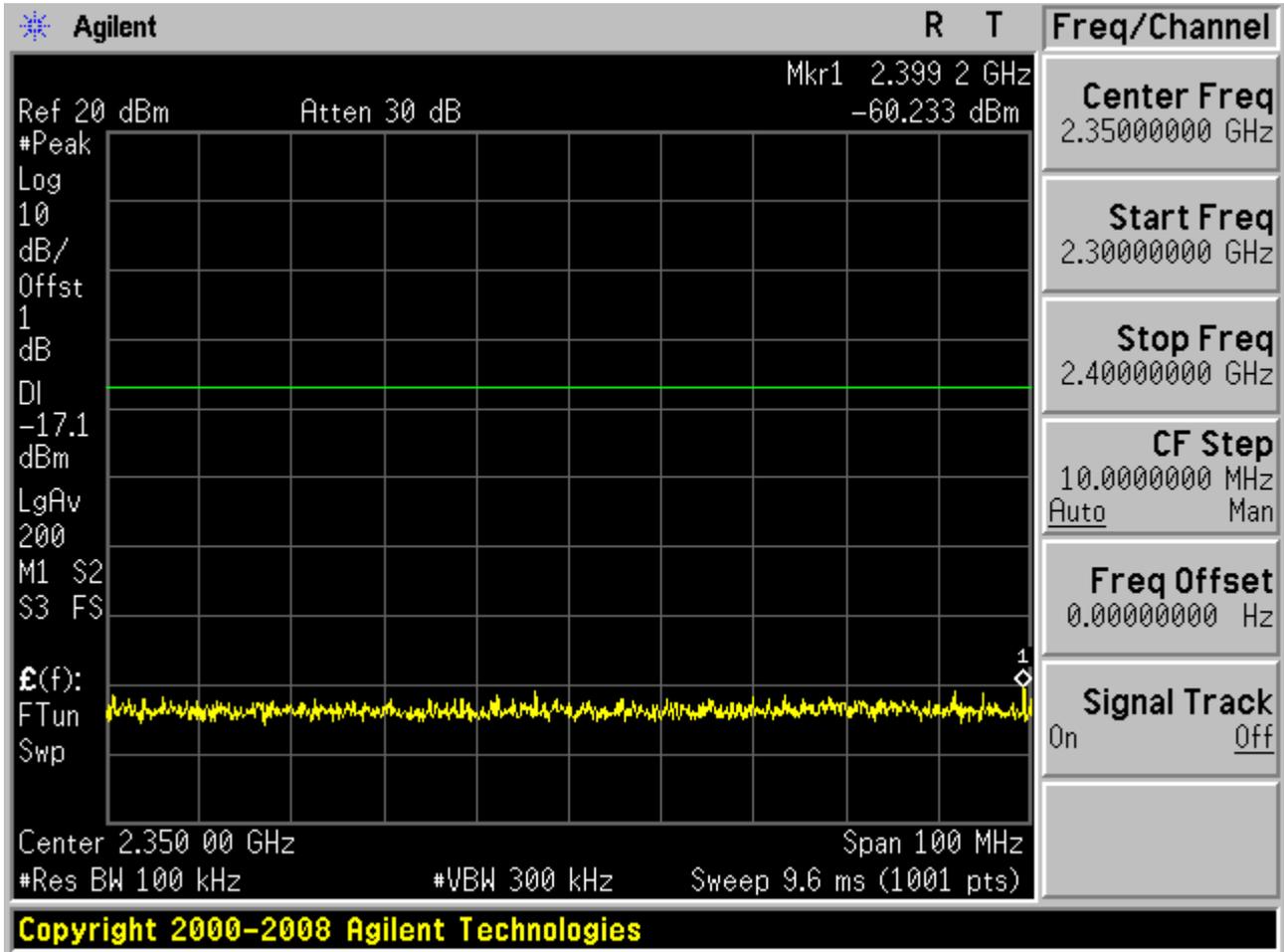


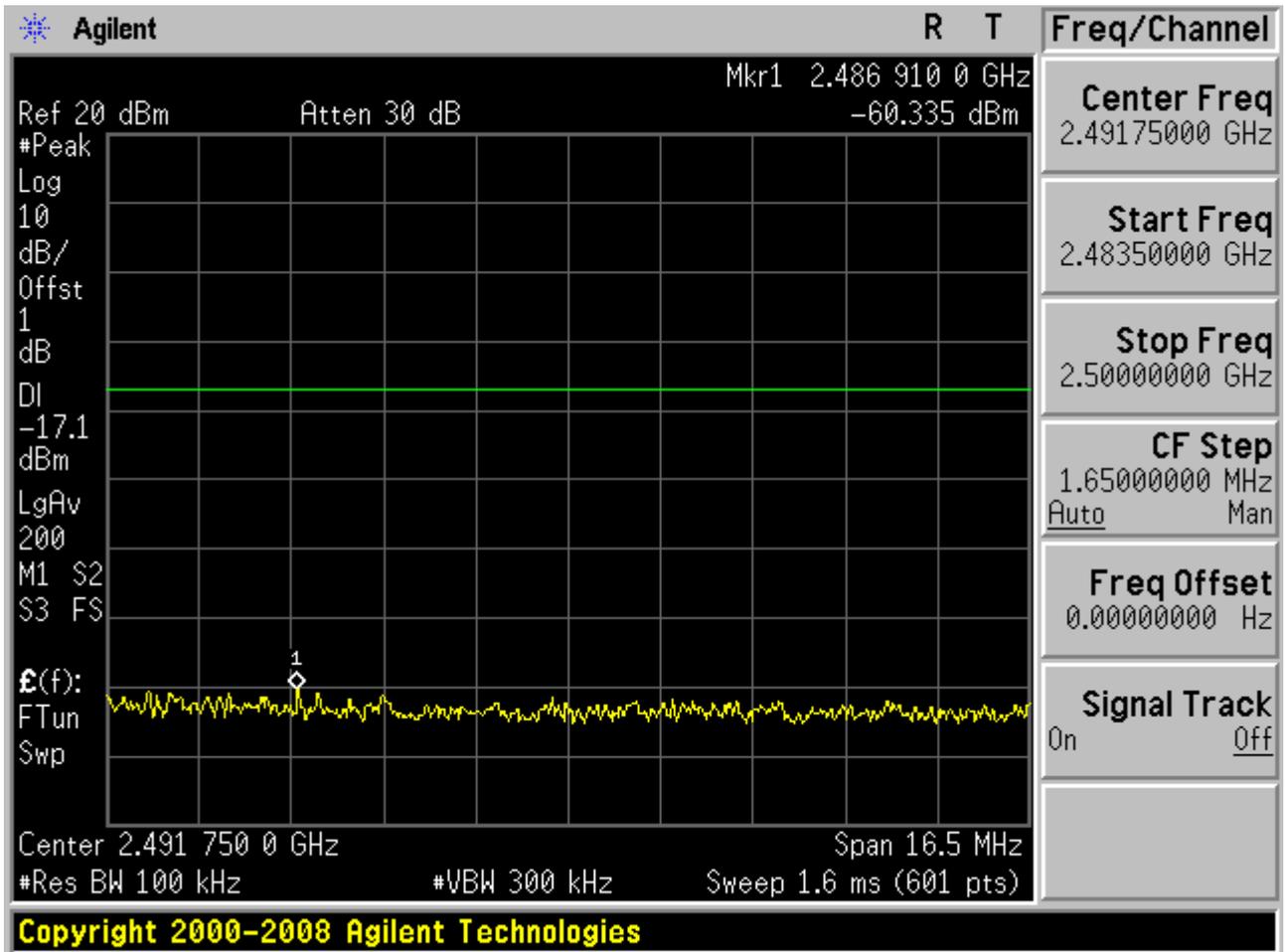
2.3.2 Puw

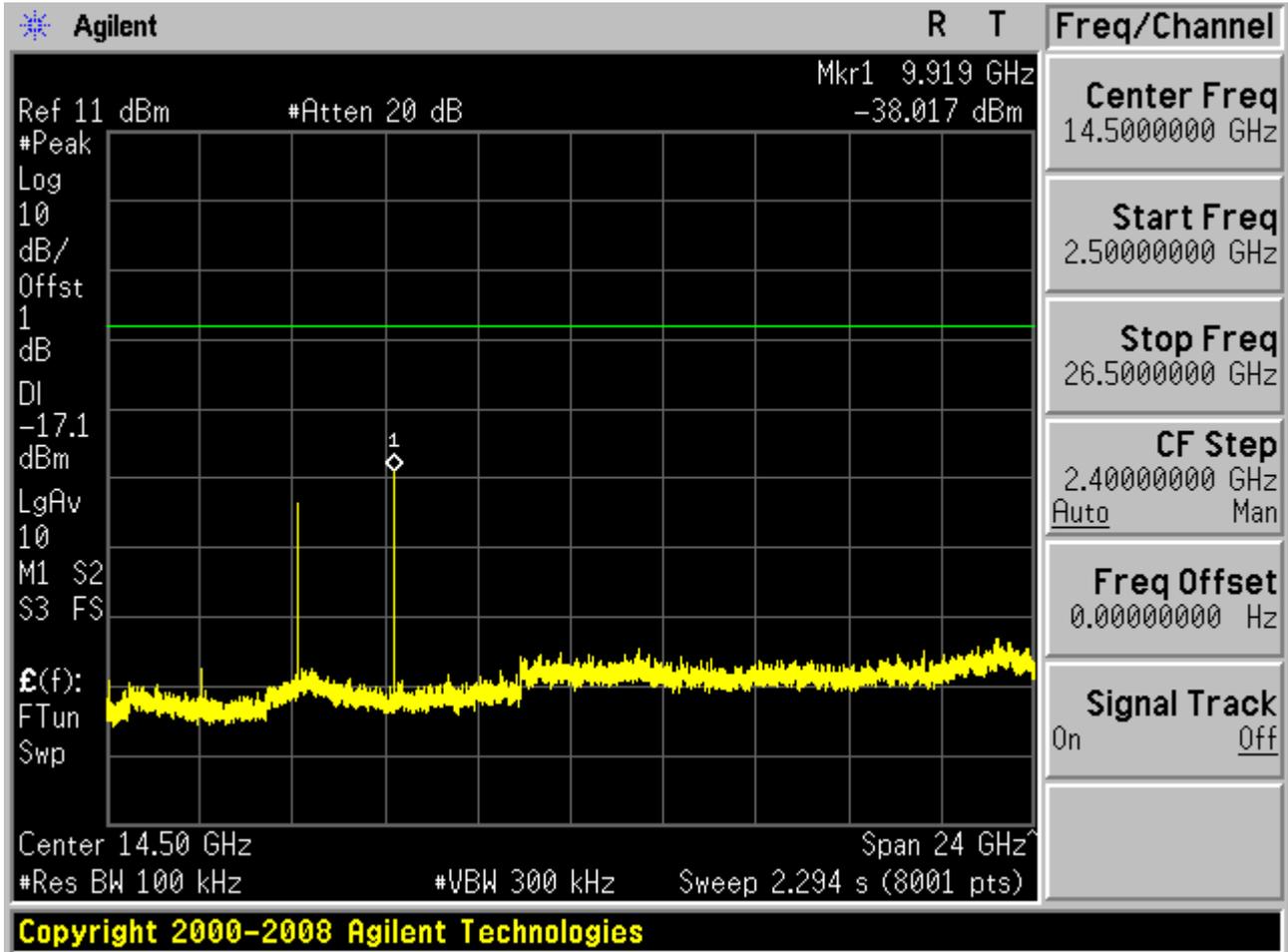














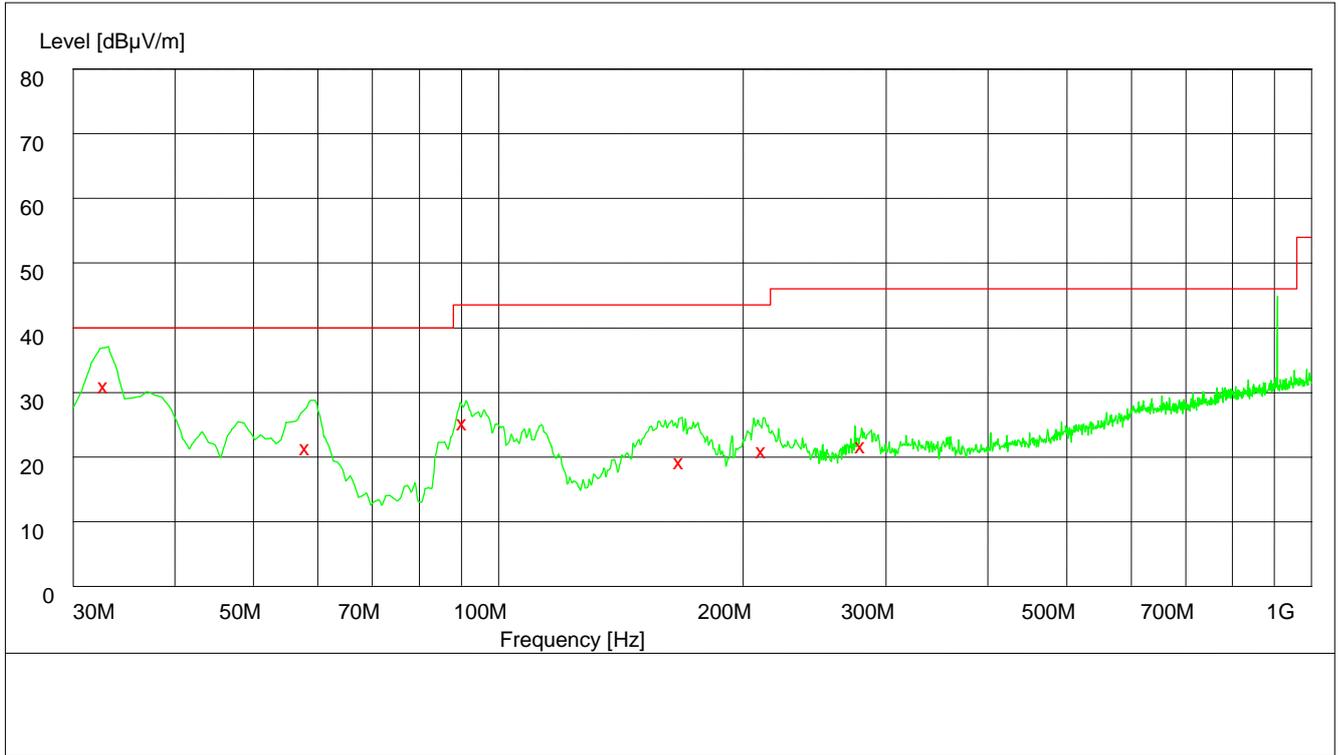
Appendix F: Radiated spurious emission



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.

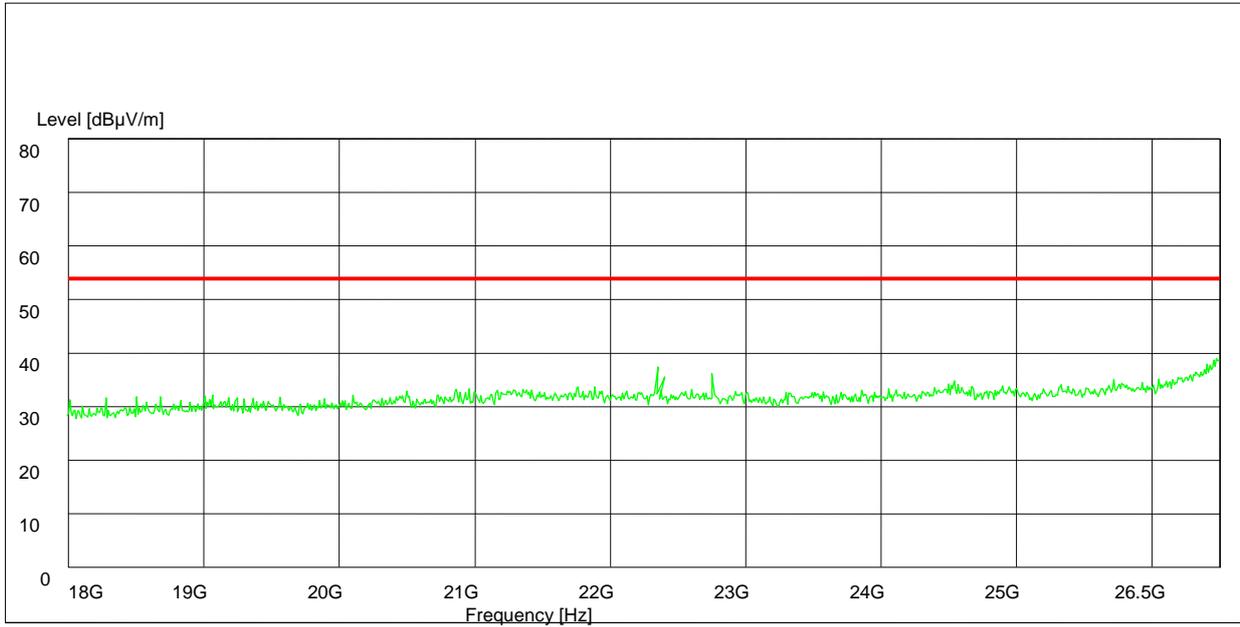
Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
32.880000	32.50	11.8	40.0	7.5	100.0	104.00	VERTICAL
58.200000	22.90	12.5	40.0	17.1	100.0	306.00	VERTICAL
90.960000	26.70	12.0	43.5	16.8	125.0	103.00	VERTICAL
167.820000	20.80	10.0	43.5	22.7	100.0	121.00	VERTICAL
211.980000	22.40	12.7	43.5	21.1	147.0	271.00	HORIZONTAL
280.560000	23.20	15.1	46.0	22.8	118.0	94.00	HORIZONTAL

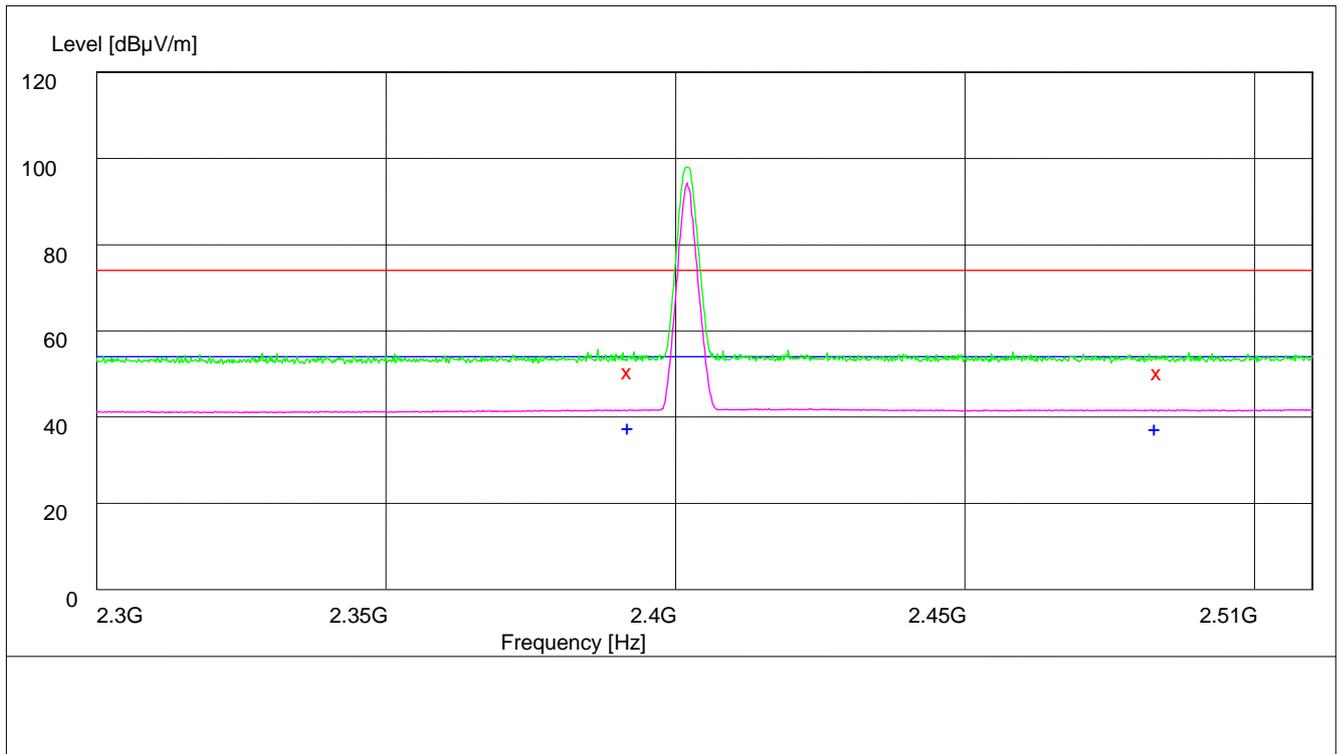
Part 2: Testing Range of “18 GHz to 26.5 GHz”

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 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.

3 Test Mode:**3.1 Channel 00**

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

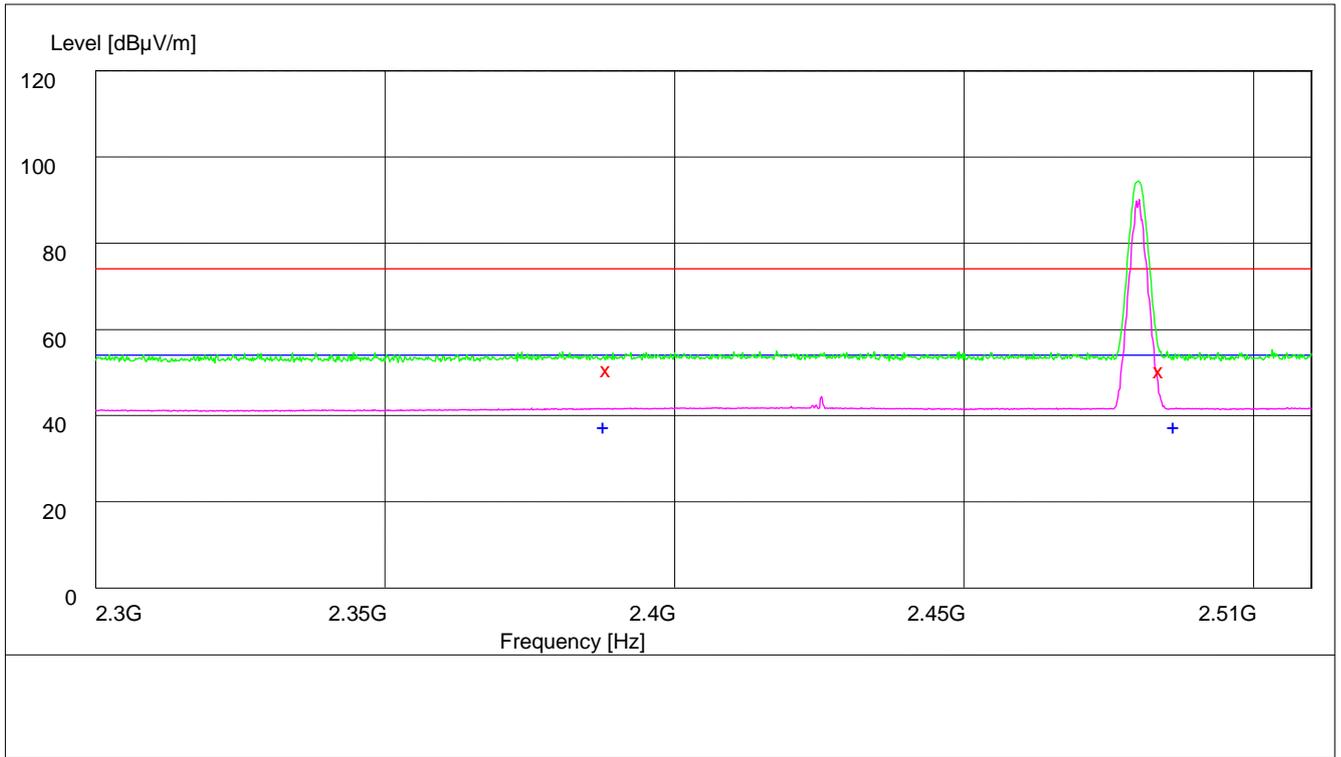
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2392.000000	52.60	34.7	74.0	21.4	119.0	180.00	HORIZONTAL
2483.500000	52.50	35.0	74.0	21.5	100.0	321.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2392.000000	39.60	34.7	54.0	14.4	182.0	261.00	HORIZONTAL
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

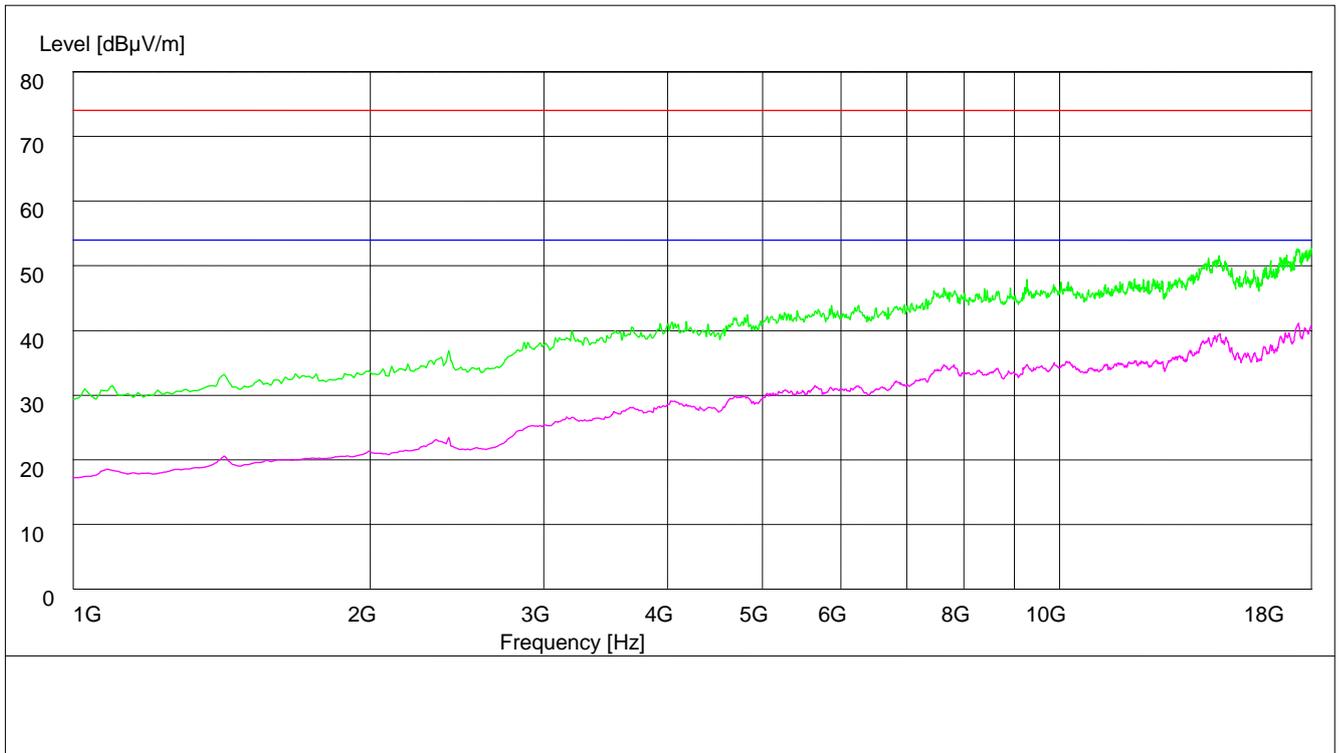
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	52.80	34.7	74.0	21.2	122.0	360.00	HORIZONTAL
2483.500000	52.50	35.0	74.0	21.5	100.0	360.00	VERTICAL

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
2483.500000	39.50	35.0	54.0	14.5	100.0	276.00	VERTICAL

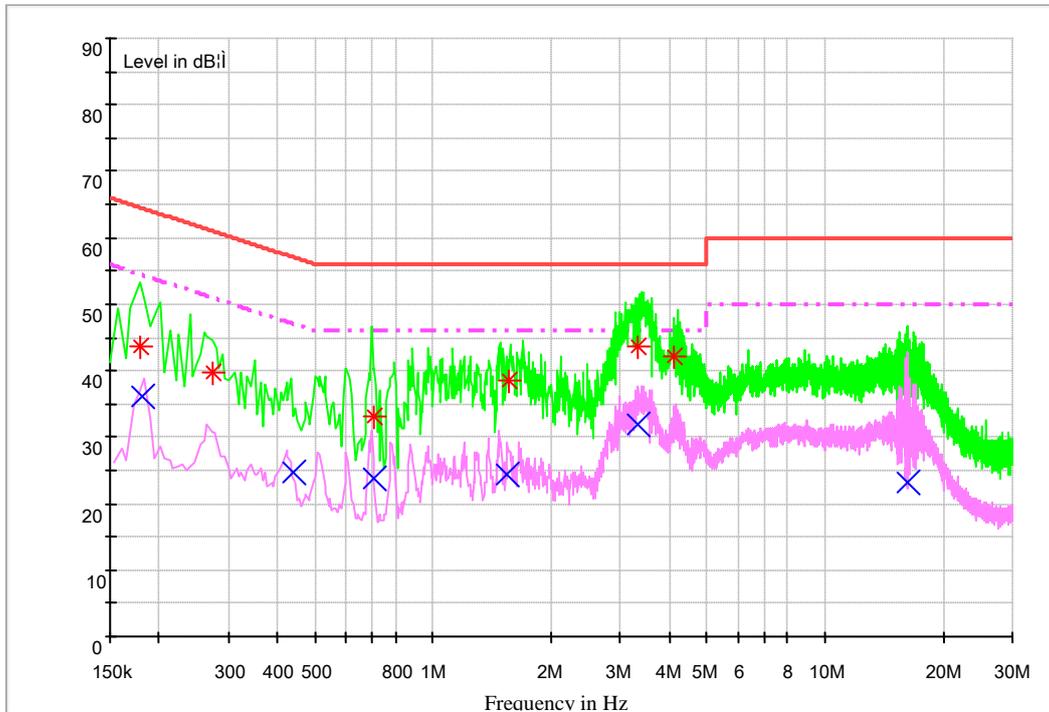
Part 4: Testing Range of “1 GHz to 18 GHz”

- 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: Conducted Emission at Power Port

Channel 19



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV	Line	Transd dB	Margin dB	Limit dBμV	PE
0.178750	43.6	L1	9.7	20.9	64.5	FLO
0.275753	39.7	N	9.7	21.2	60.9	FLO
0.709747	33.1	N	9.7	22.9	56.0	FLO
1.557248	38.4	N	9.7	17.6	56.0	FLO
3.343080	43.5	N	9.7	12.5	56.0	FLO
4.134686	42.1	L1	9.8	13.9	56.0	FLO



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V	Line	Transd dB	Margin dB	Limit dB μ V	PE
0.181235	36.1	L1	9.7	18.3	54.4	FLO
0.439800	24.8	N	9.7	22.3	47.1	FLO
0.704077	23.9	L1	9.7	22.1	46.0	FLO
1.542900	24.2	N	9.7	21.8	46.0	FLO
3.327859	31.9	N	9.7	14.1	46.0	FLO
16.161829	23.1	N	10.1	26.9	50.0	FLO

END