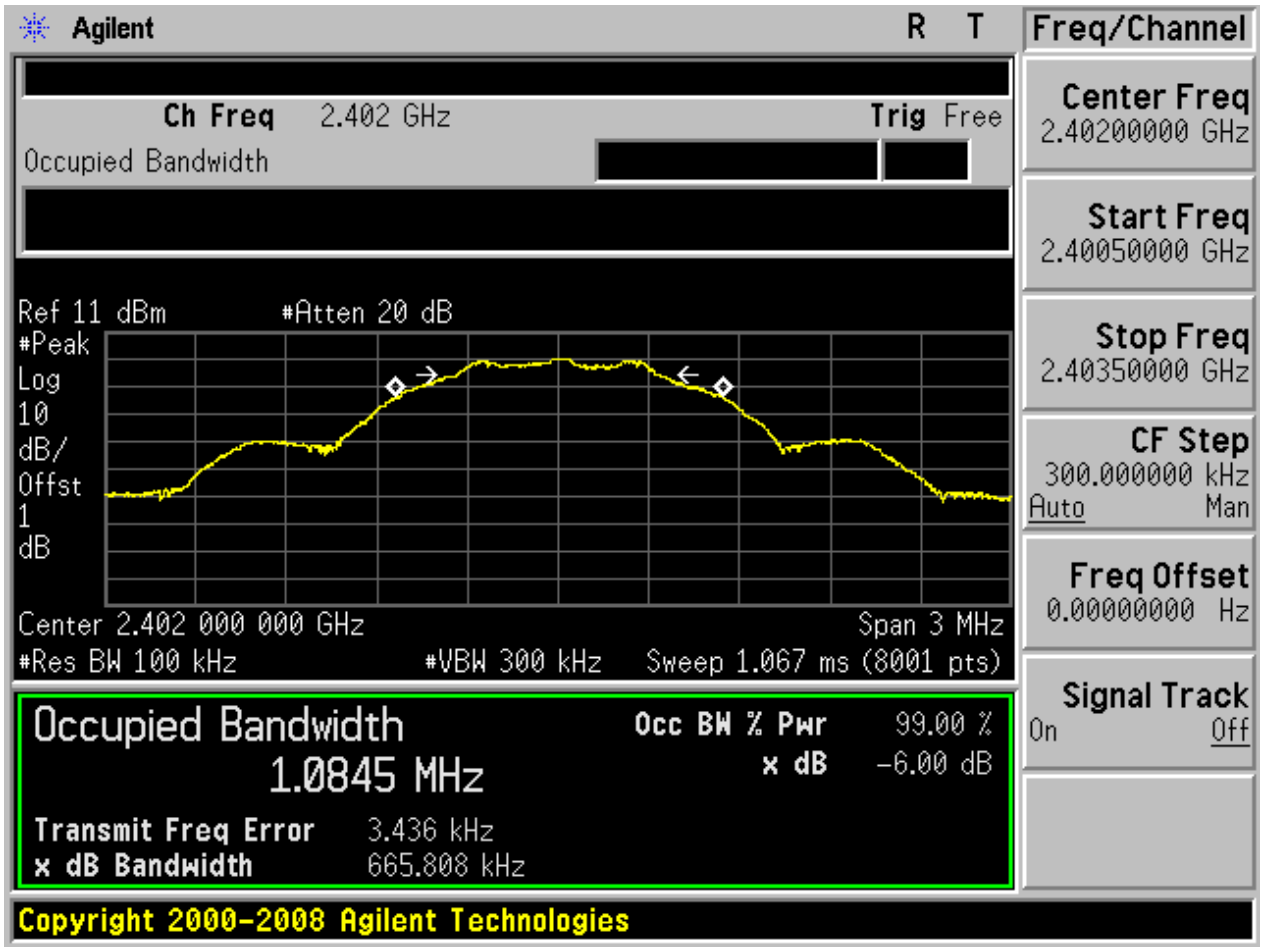
Appendix A: 6dB Emission Bandwidth (EBW)

1 Result Table

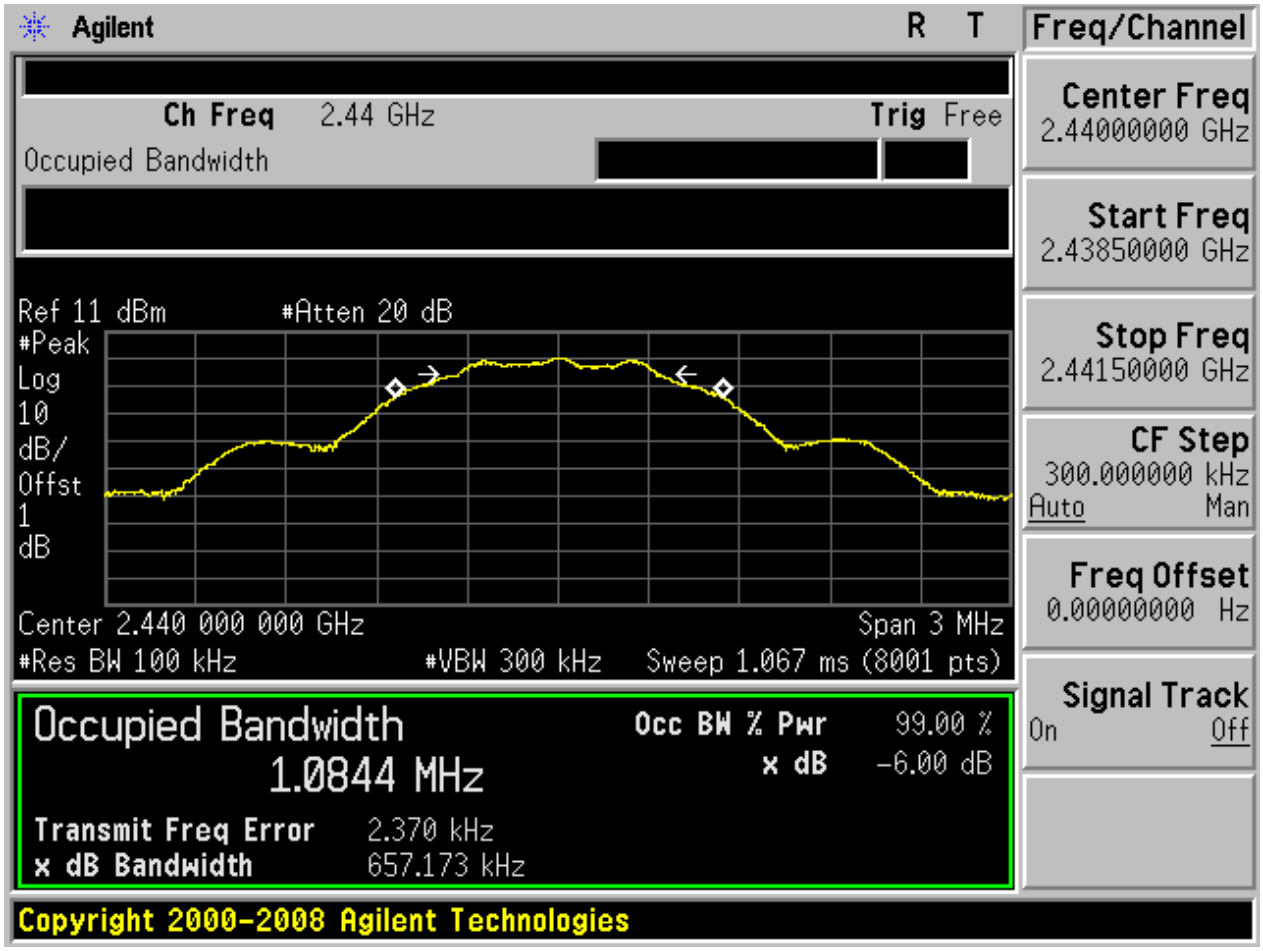
EUT Conf.	EBW [KHz]	Verdict
TM1_DH5_Ch0	665.81	Pass
TM1_DH5_Ch19	657.17	Pass
TM1_DH5_Ch39	667.27	Pass

2 Test Plot

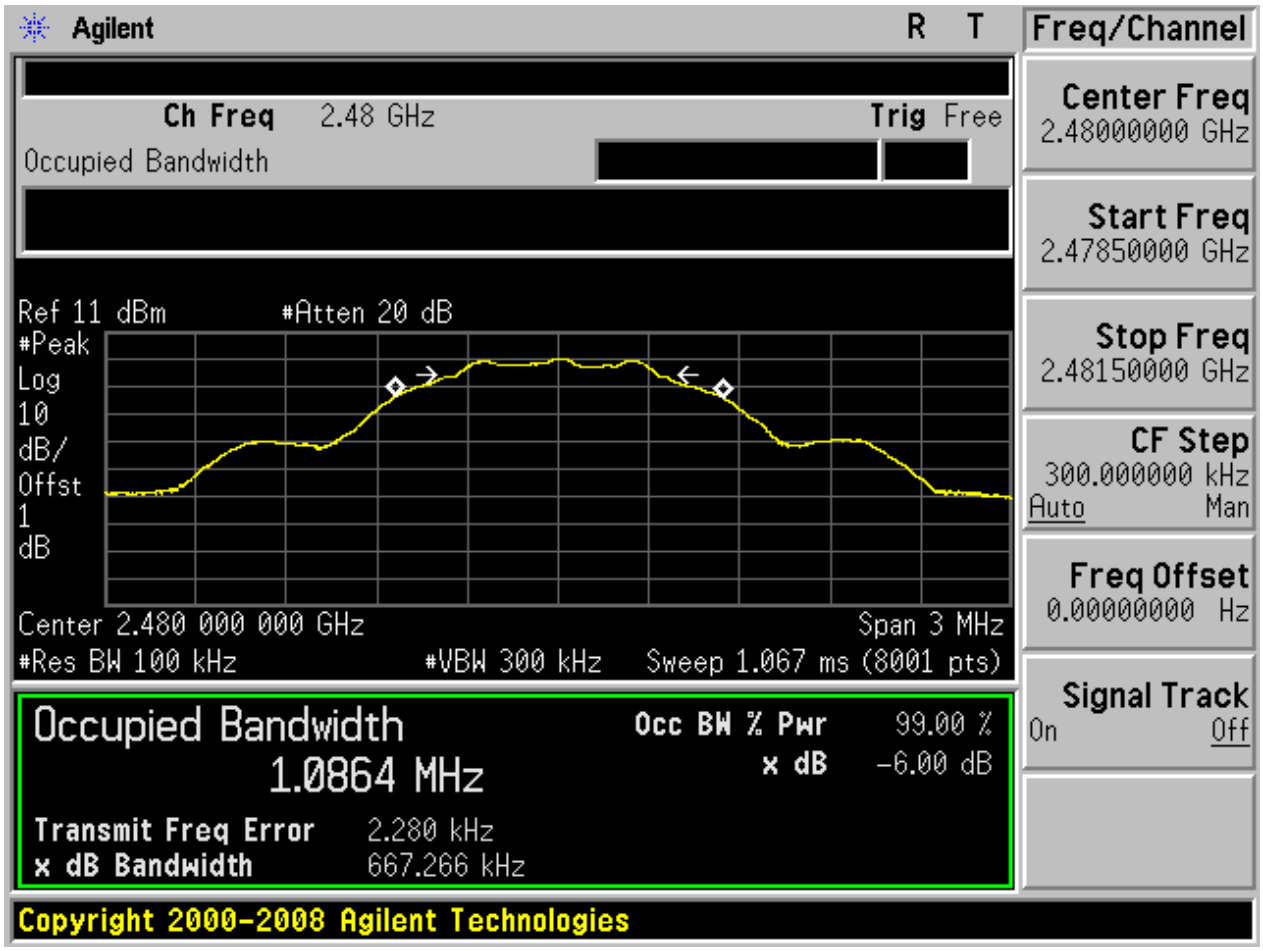
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



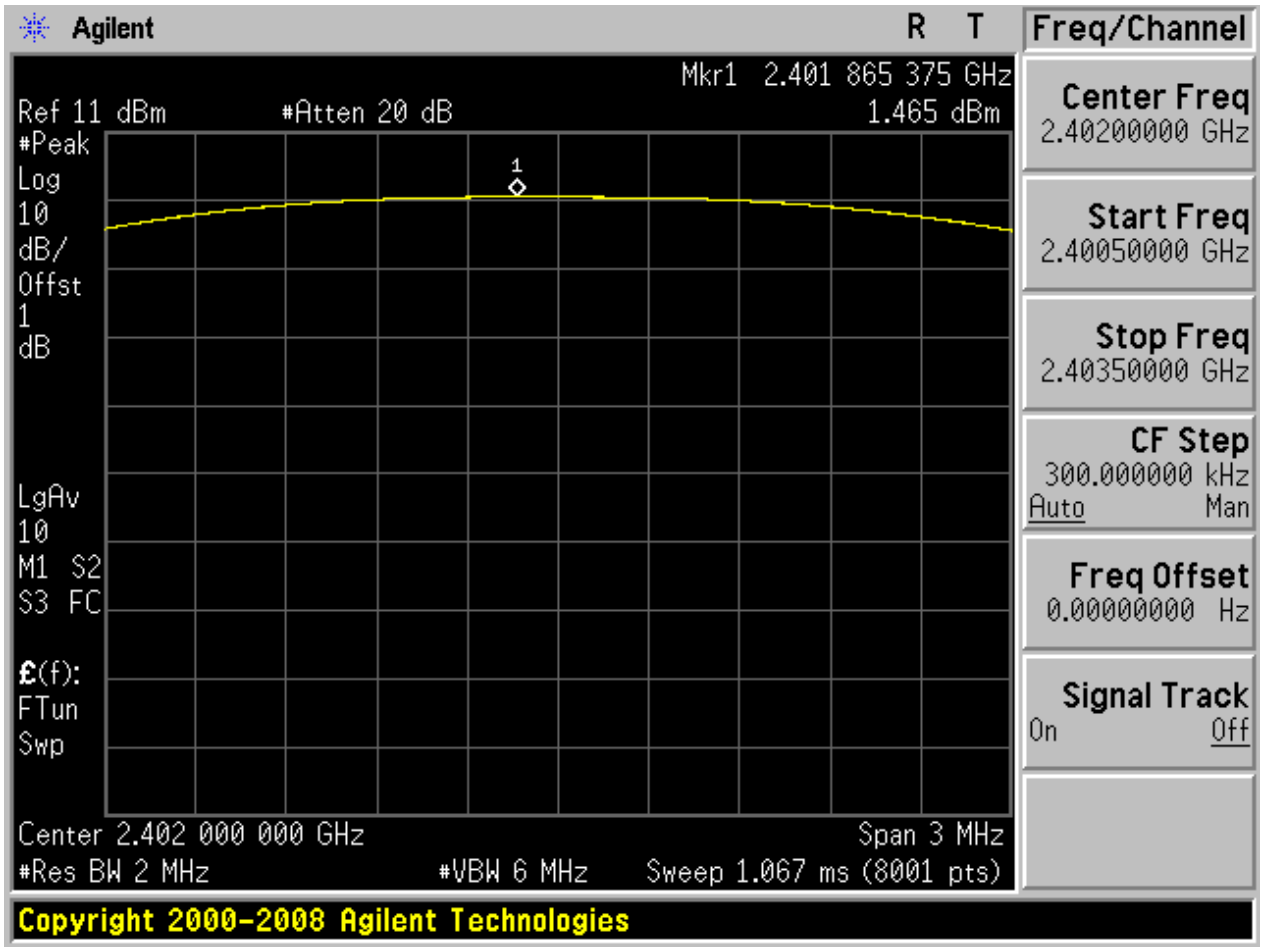
Appendix B: Maximum Peak Conducted Output Power

1 Result Table

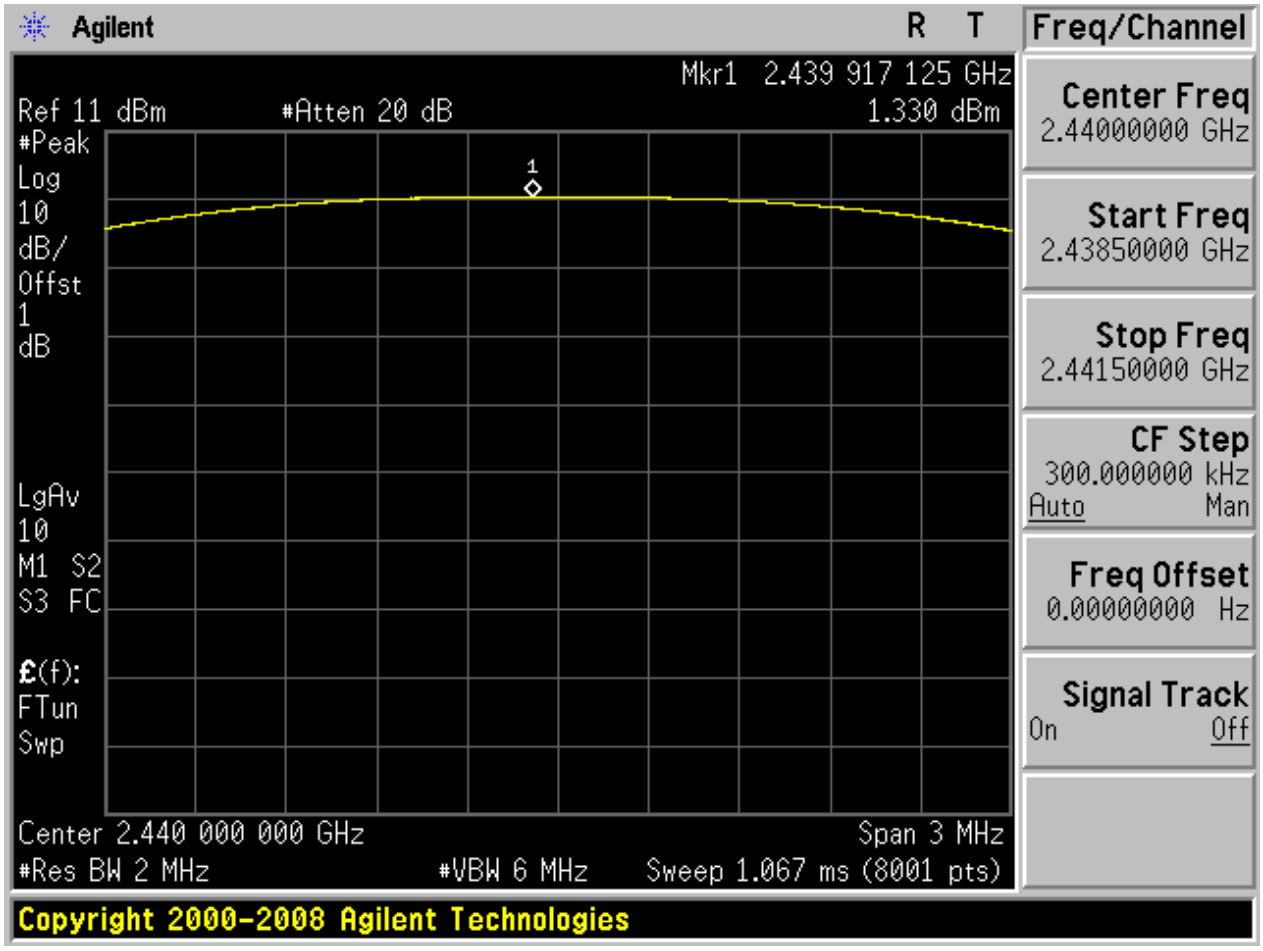
EUT Conf.	Max. Peak Power [dBm]	Verdict
TM1_DH5_Ch0	1.57	Pass
TM1_DH5_Ch19	1.33	Pass
TM1_DH5_Ch39	1.41	Pass

2 Test Plot

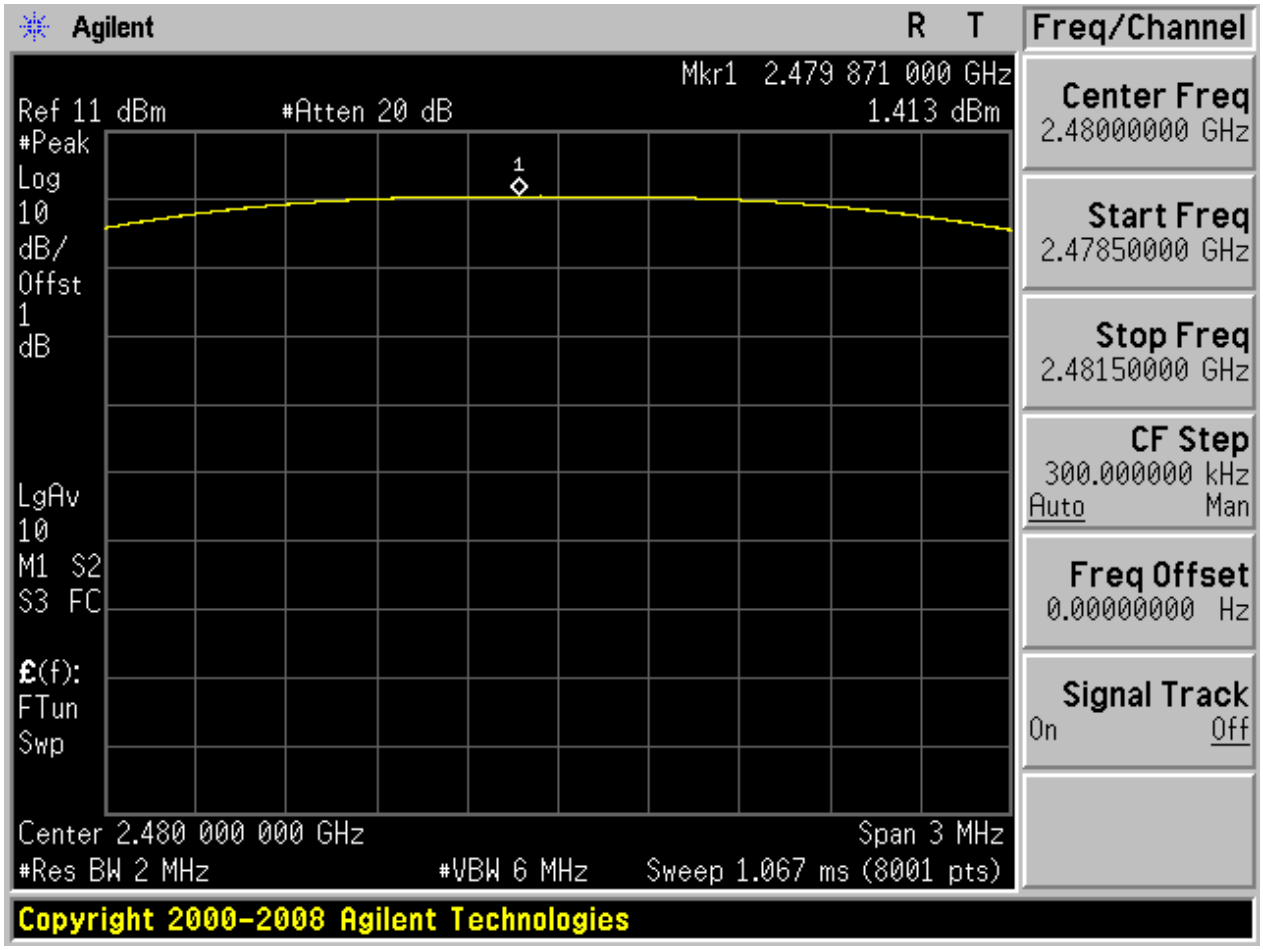
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



Appendix C: Average Power

EUT Conf.	Average Power [dBm]	Verdict
TM1_DH5_Ch0	-1.44	Pass
TM1_DH5_Ch19	-1.53	Pass
TM1_DH5_Ch39	-1.27	Pass

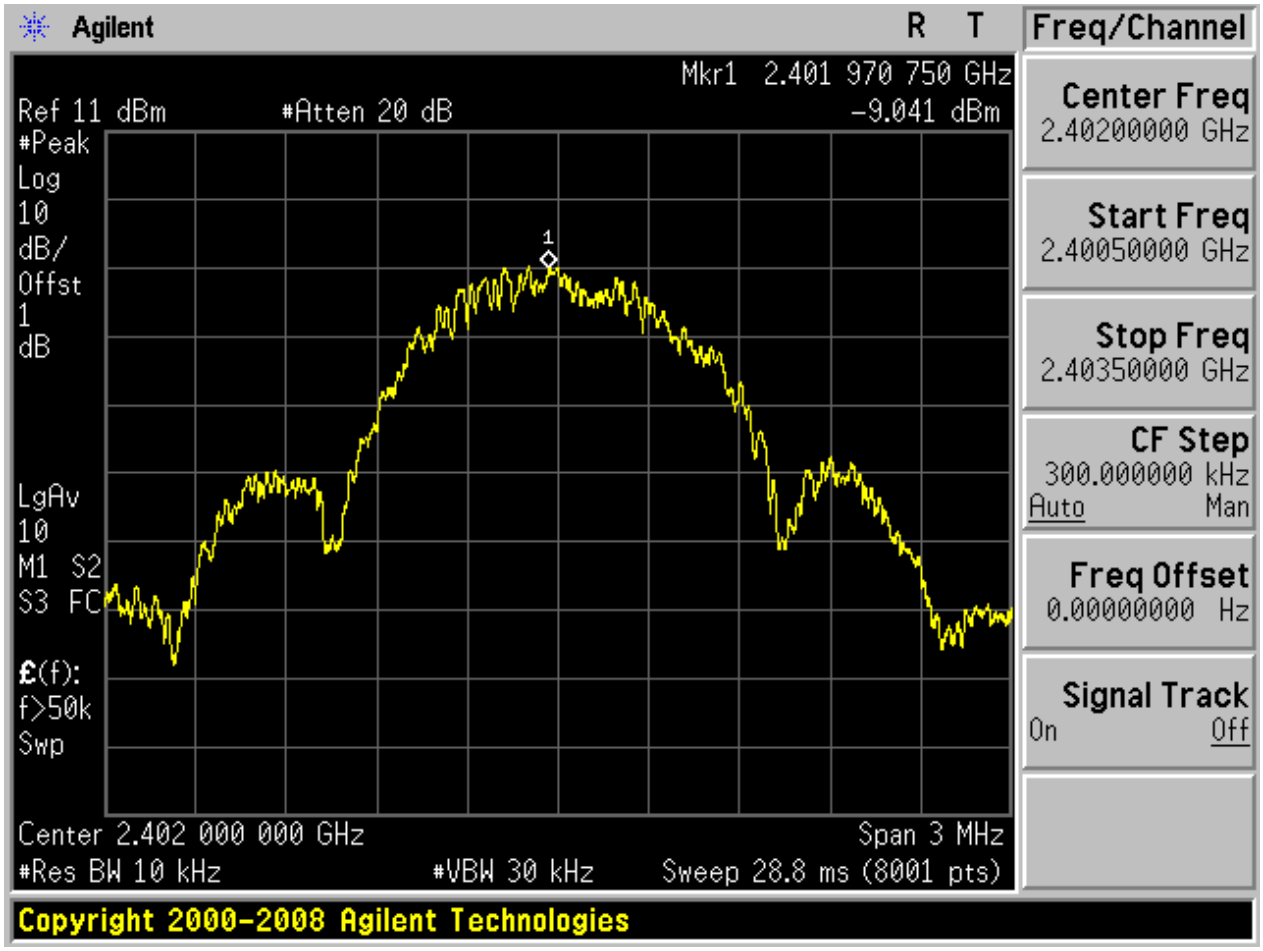
Appendix D: Maximum Power Spectral Density Level

1 Result Table

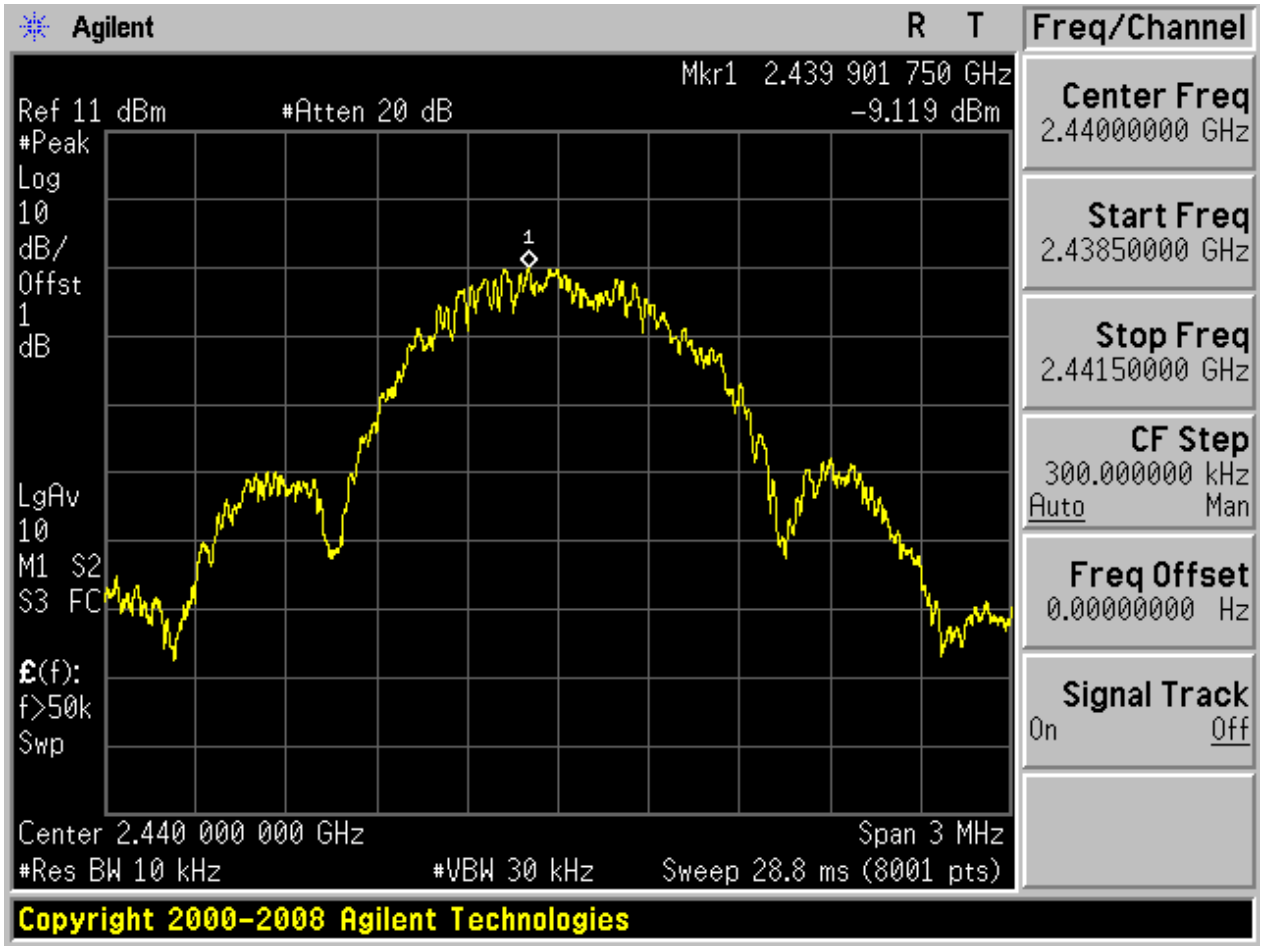
EUT Conf.	Max. Power Spectral Density Level [dBm]	Verdict
TM1_DH5_Ch0	-9.04	Pass
TM1_DH5_Ch19	-9.12	Pass
TM1_DH5_Ch39	-8.98	Pass

2 Test Plot

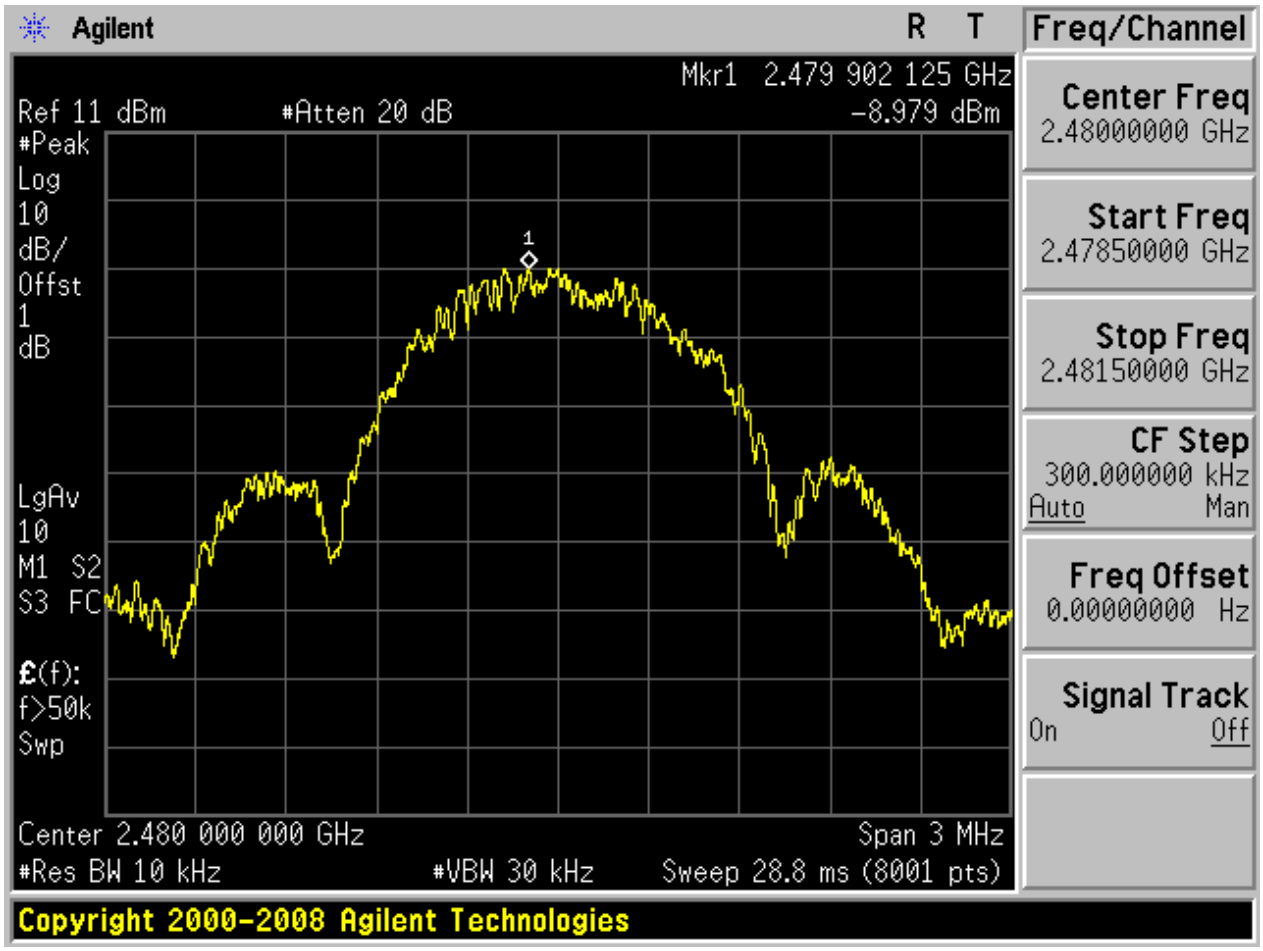
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



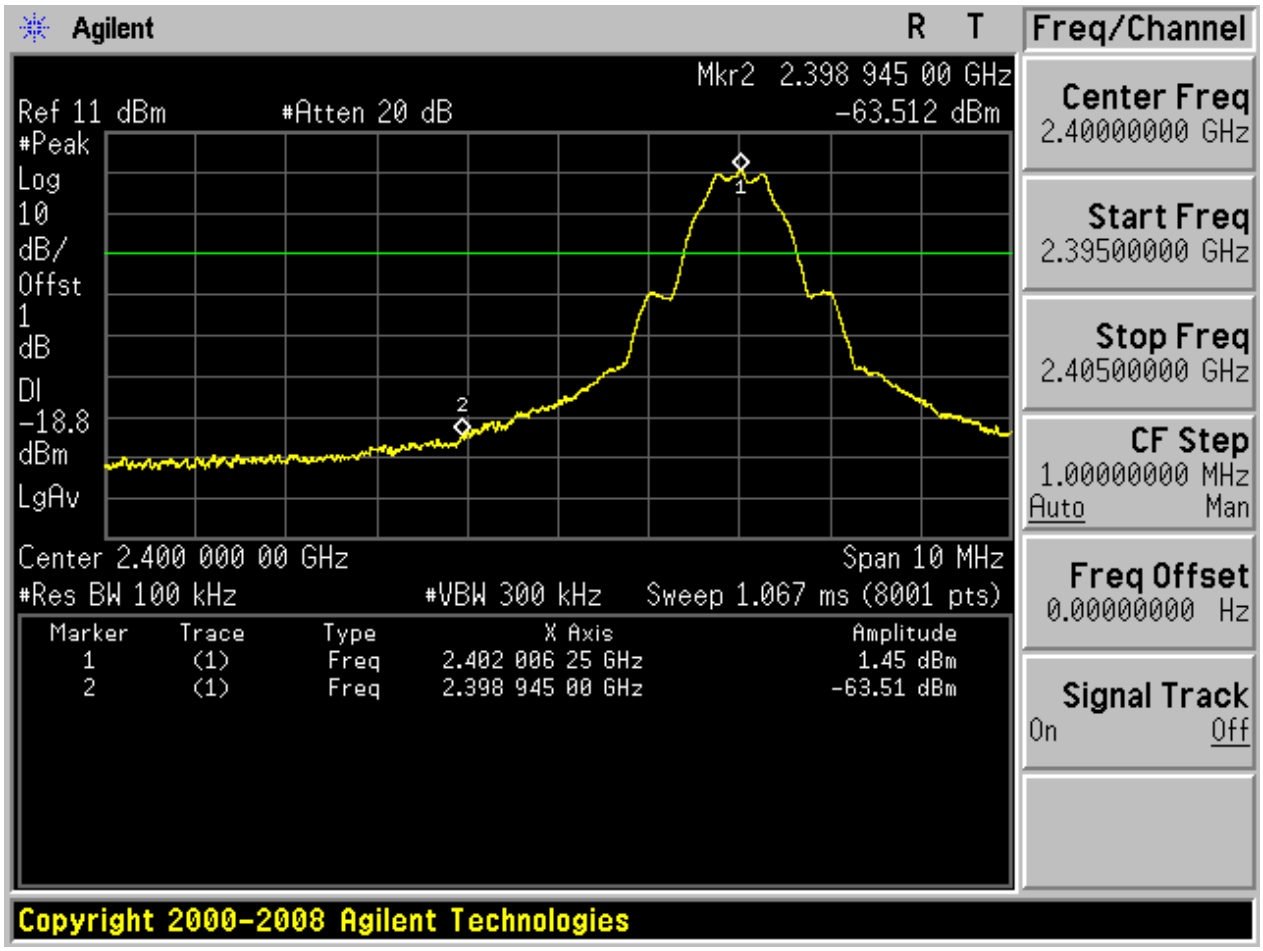
Appendix E: Band edge spurious emission

3 Result Table

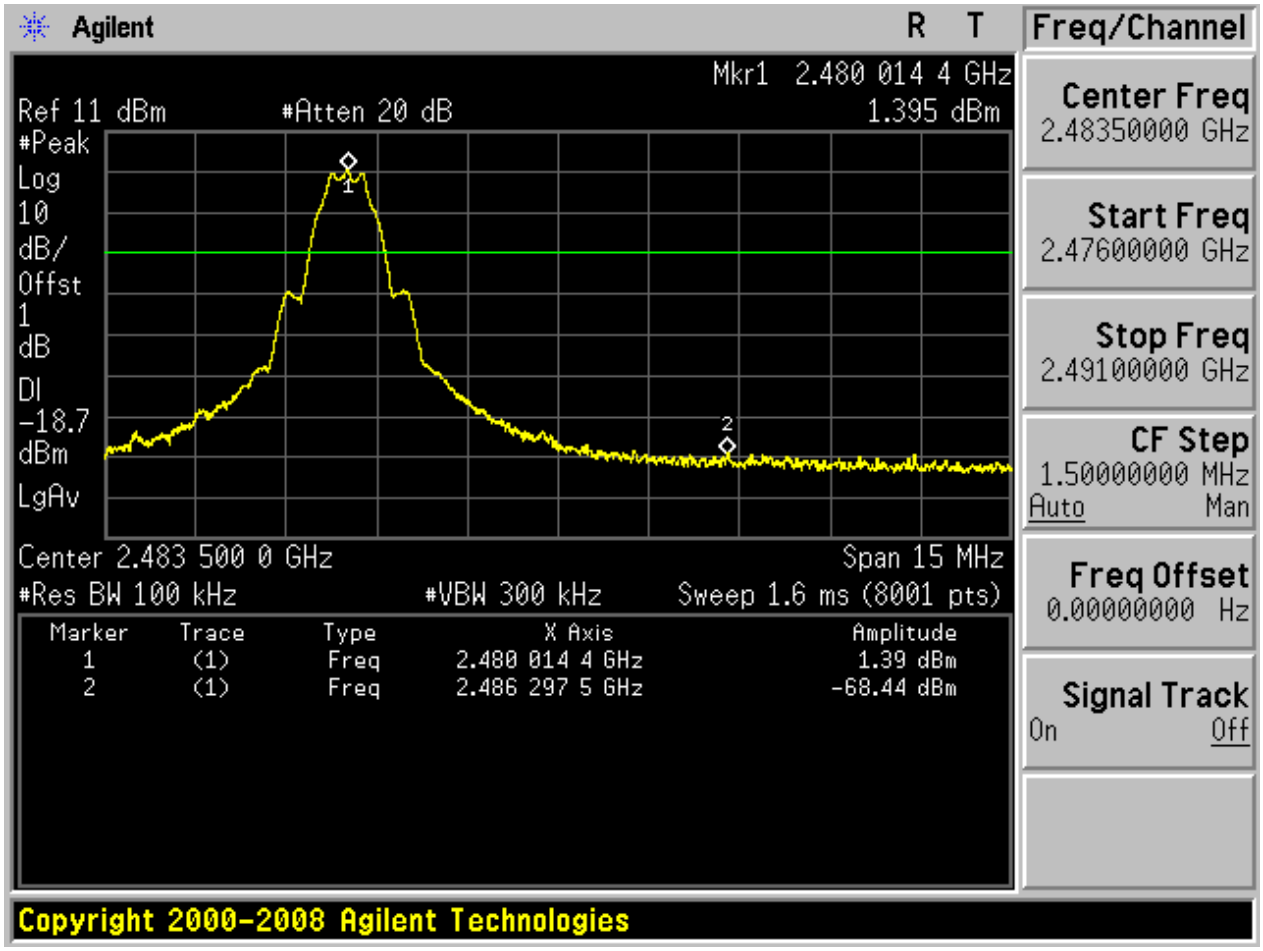
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max. Spurious Level [dBm]	Limit [dBm]	Result
TM1_DH5_Ch0	0	2402	1.45	Off	-63.51		Pass
TM1_DH5_Ch39	39	2480	1.39	Off	-68.44		Pass

2 Test Plot

2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch39



Appendix F: 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” referrers 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 x lg(100 [kHz]/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.

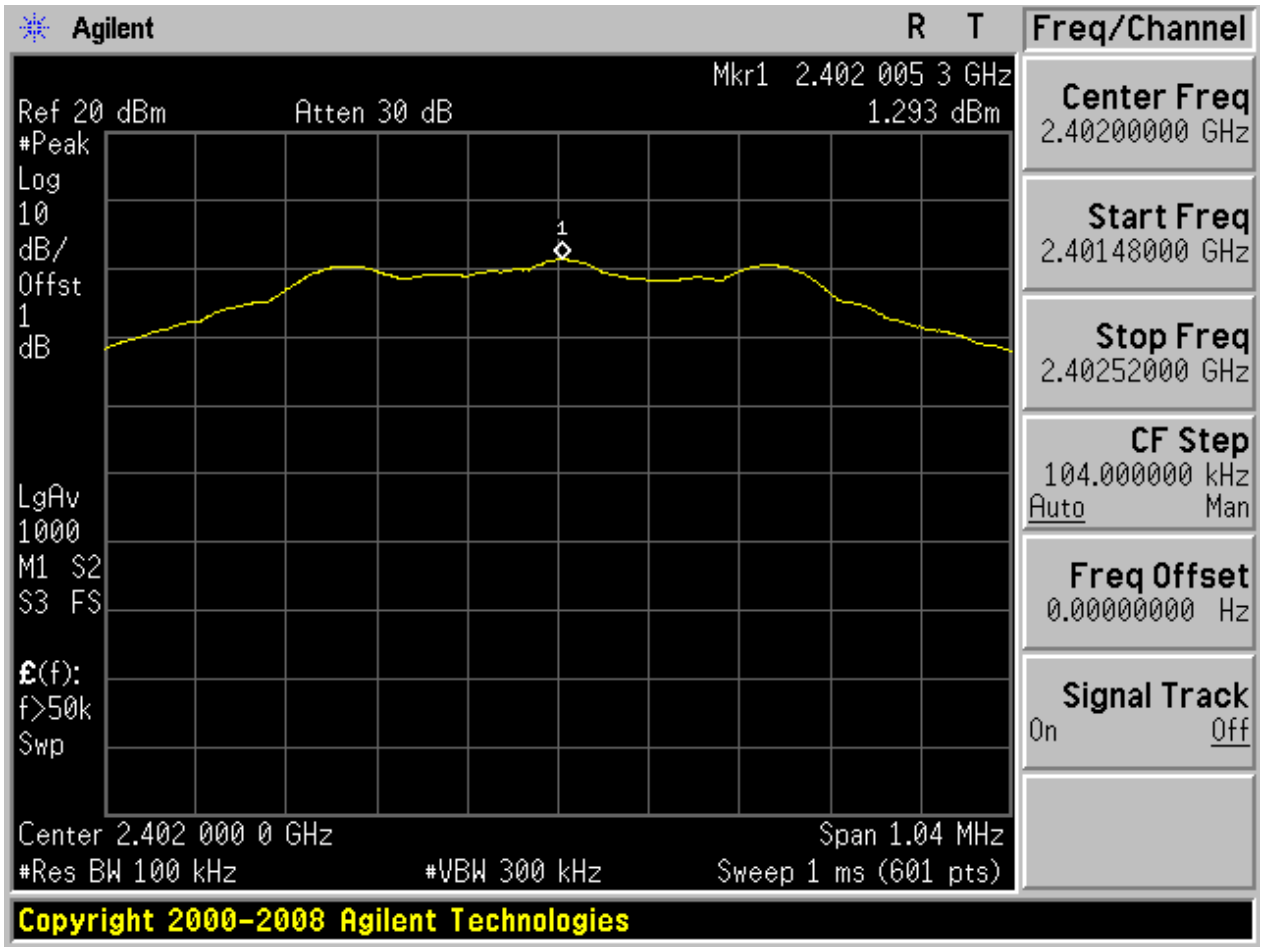
In the result table, the “< Limit” denotes that “The Puw [dBm] is less than Pref [dBm] - 20 [dB], see test plots for detailed”.

EUT Conf.	Pref [dBm/100 kHz]	Puw [dBm/100 kHz]	Verdict
TM1_DH5_Ch0	1.29	< Limit	Pass
TM1_DH5_Ch39	1.15	< Limit	Pass
TM1_DH5_Ch78	1.16	< Limit	Pass

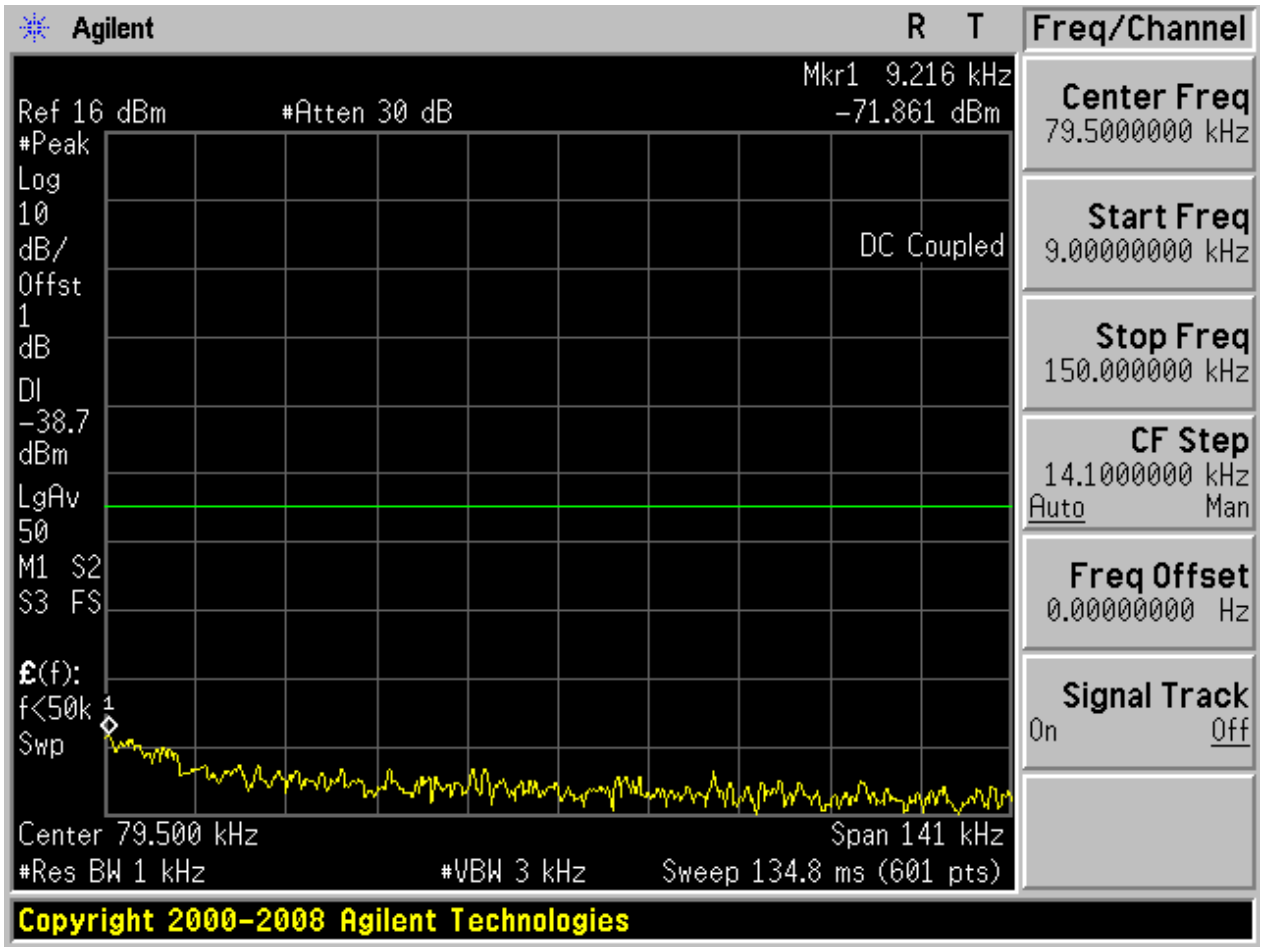
2 Test Plot

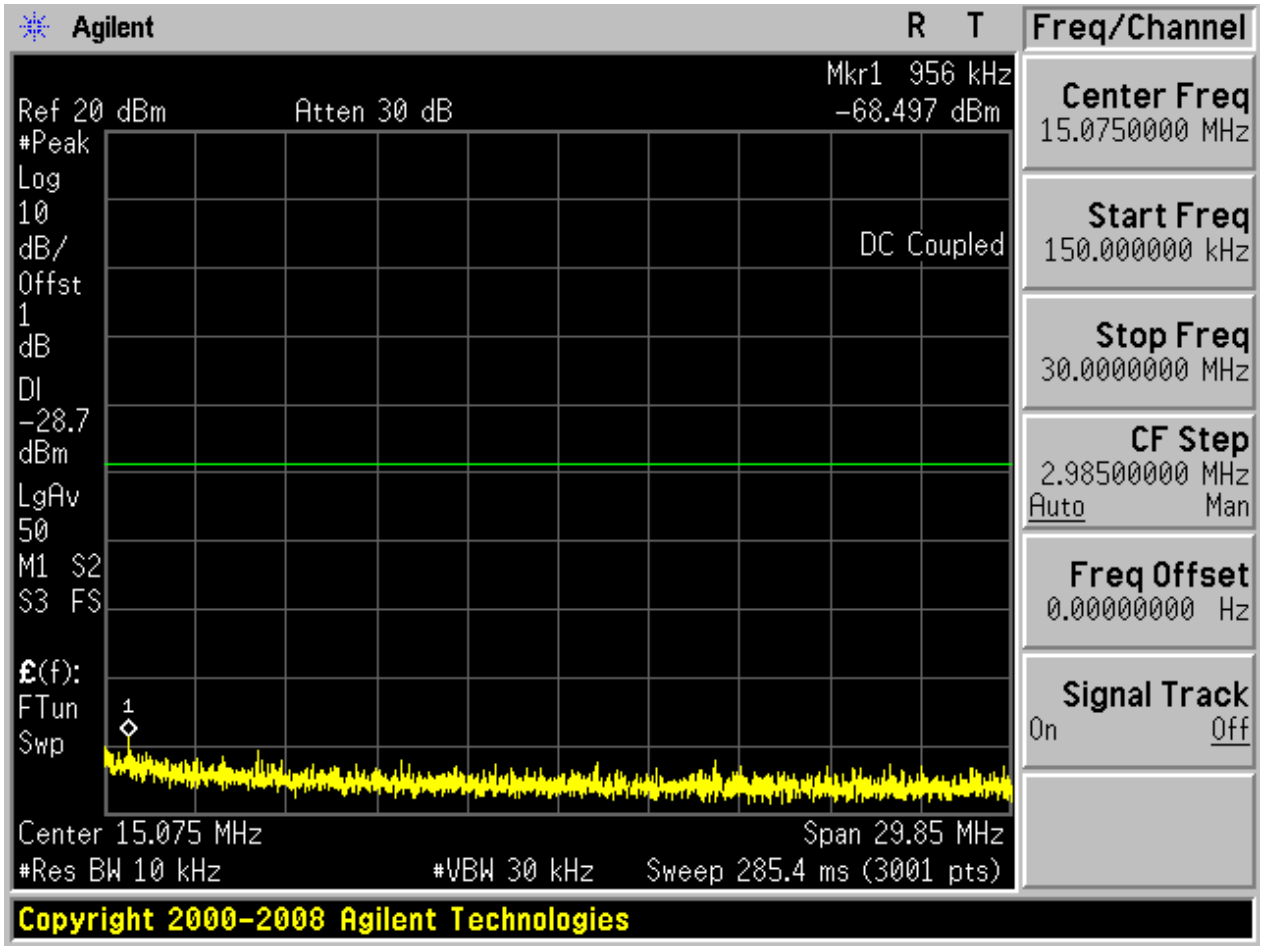
2.1 TM1_DH5_Ch0

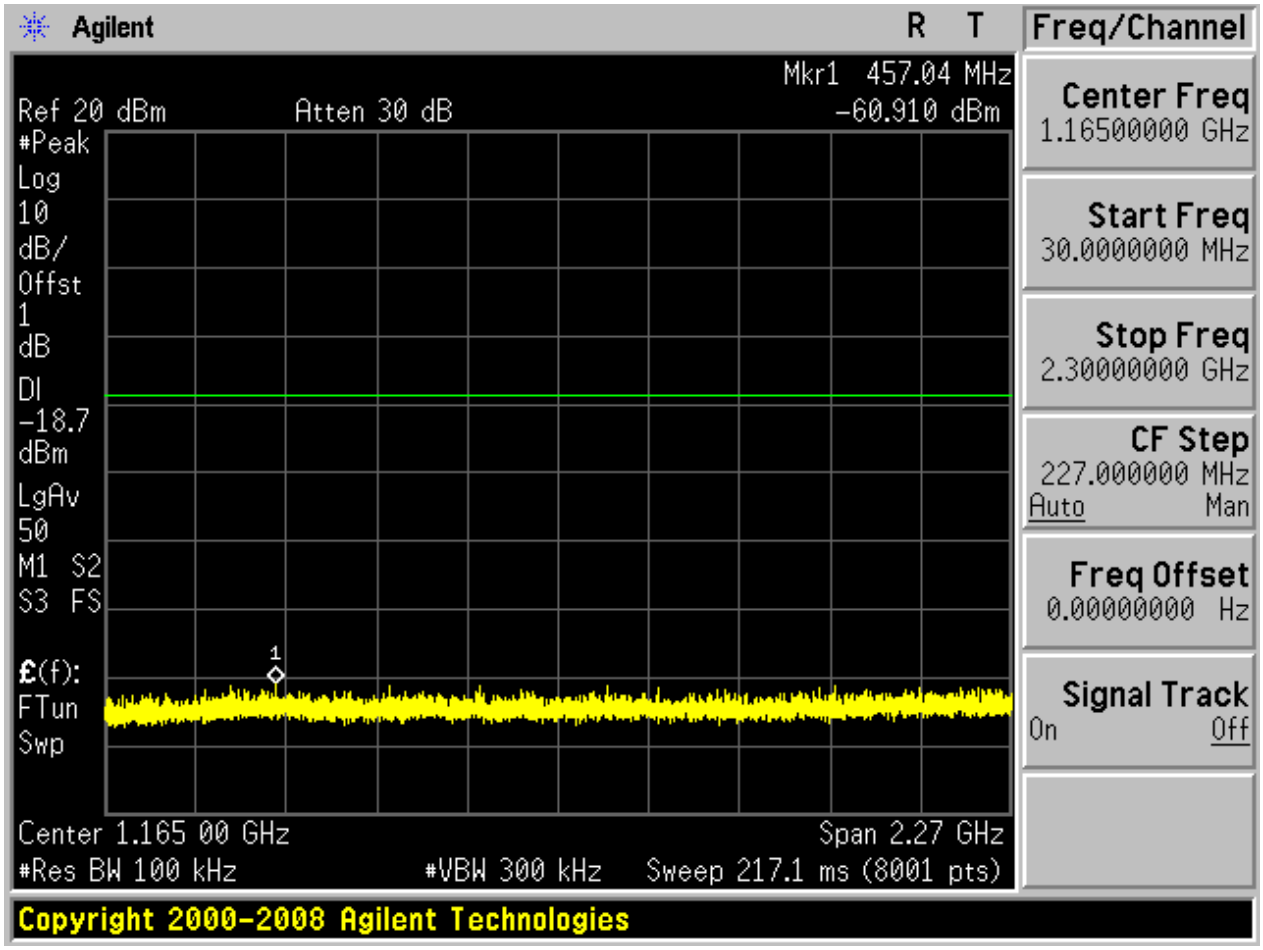
2.1.1 Pref

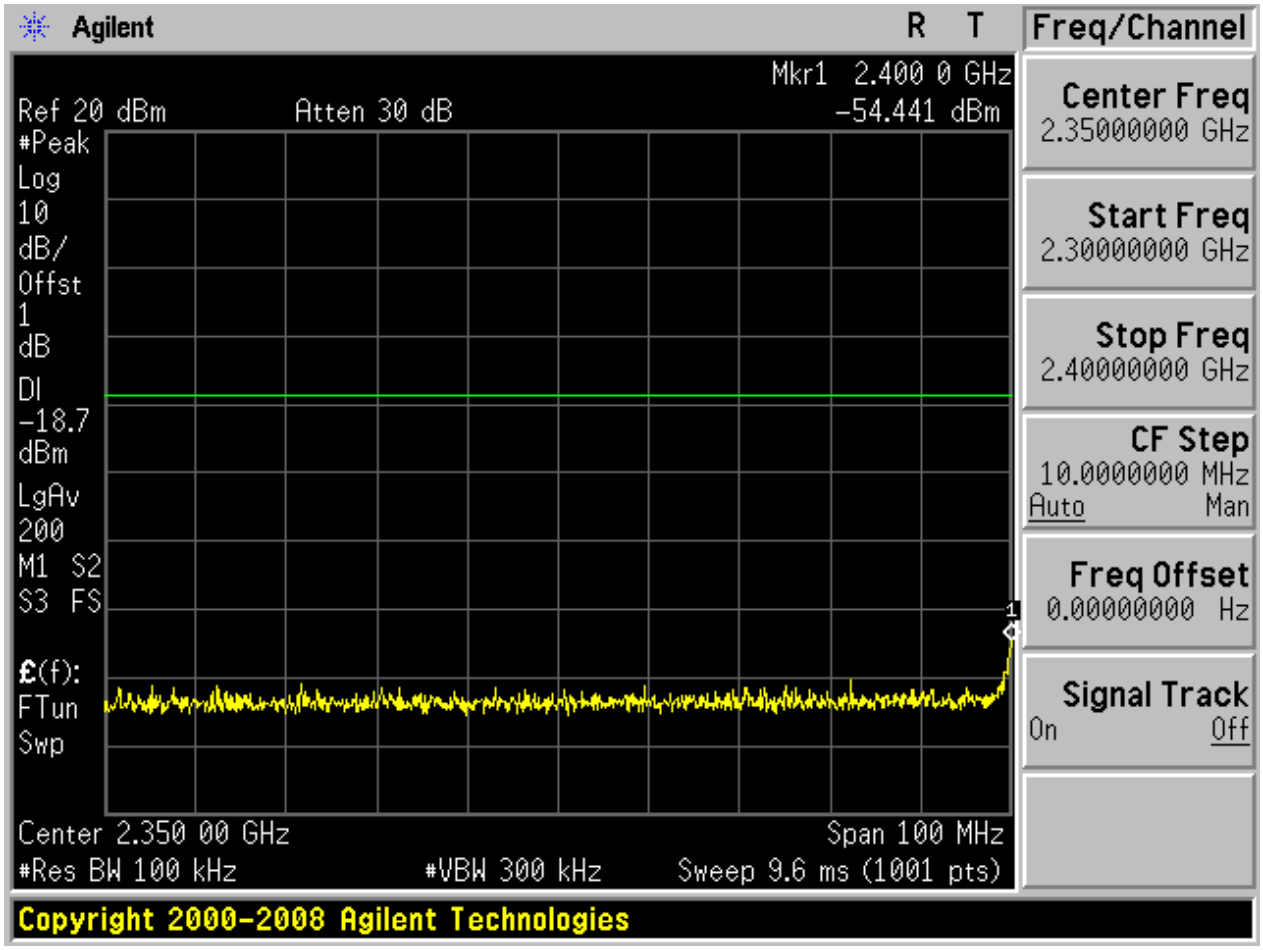


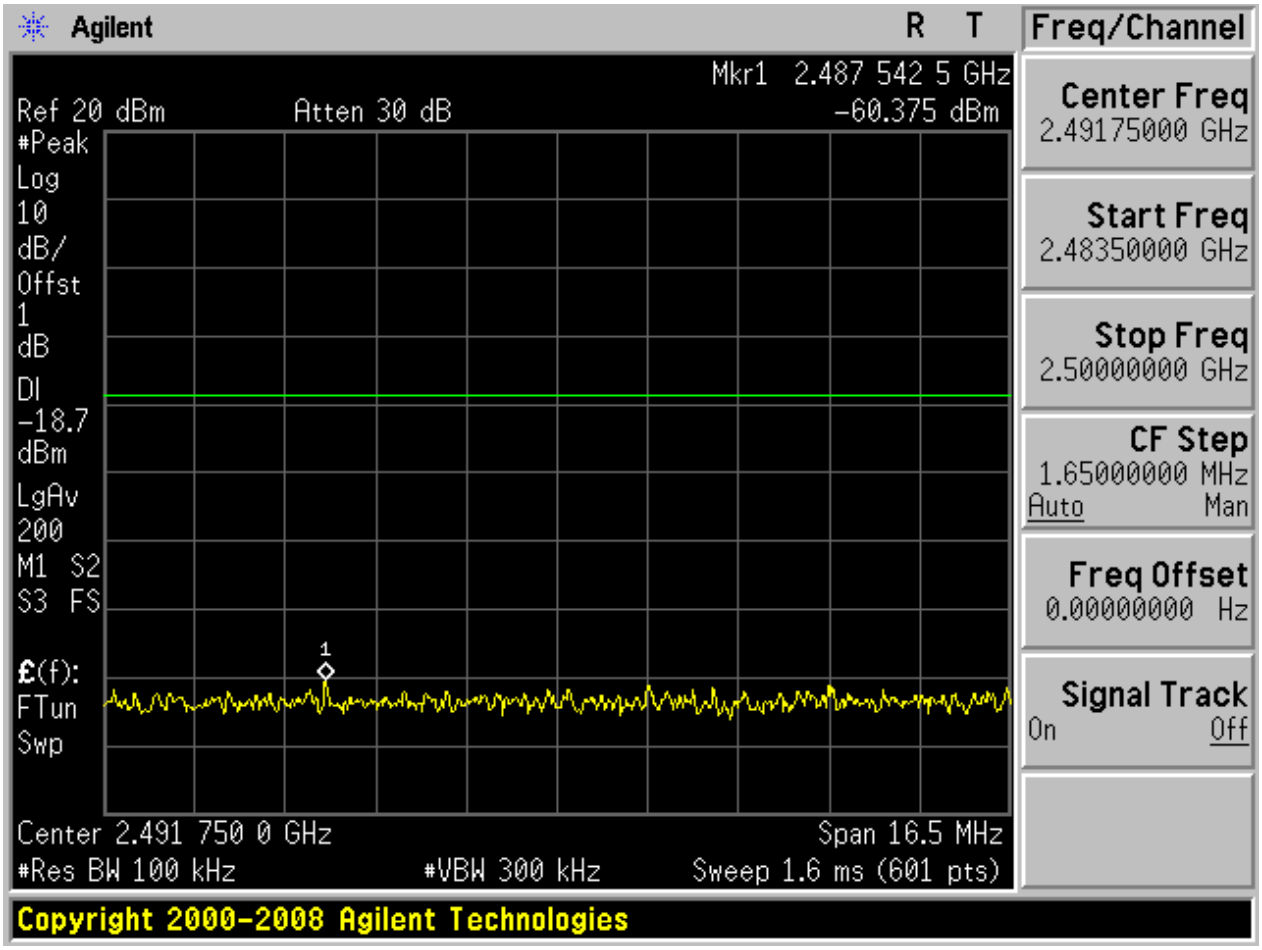
2.1.2 Puw

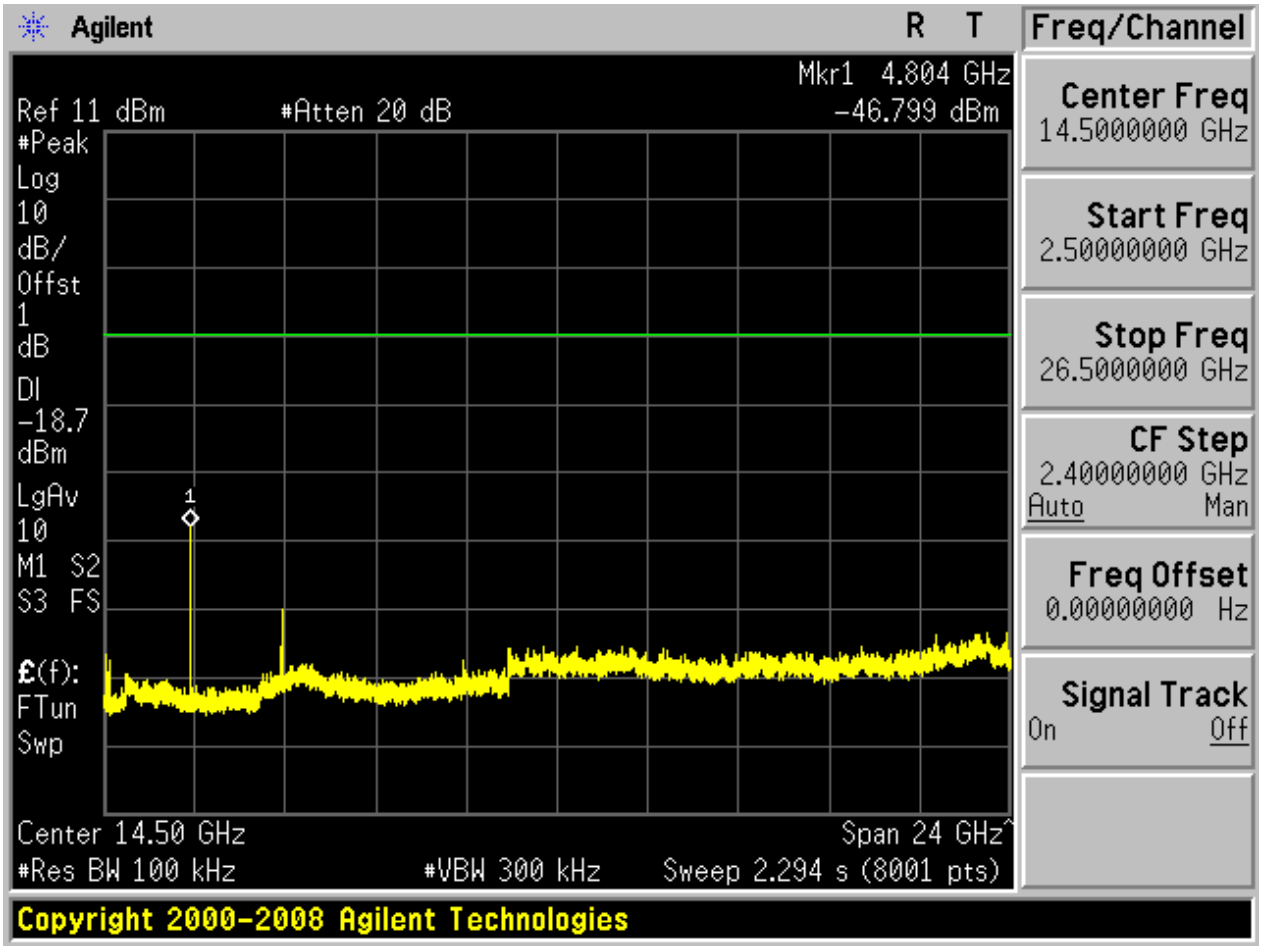






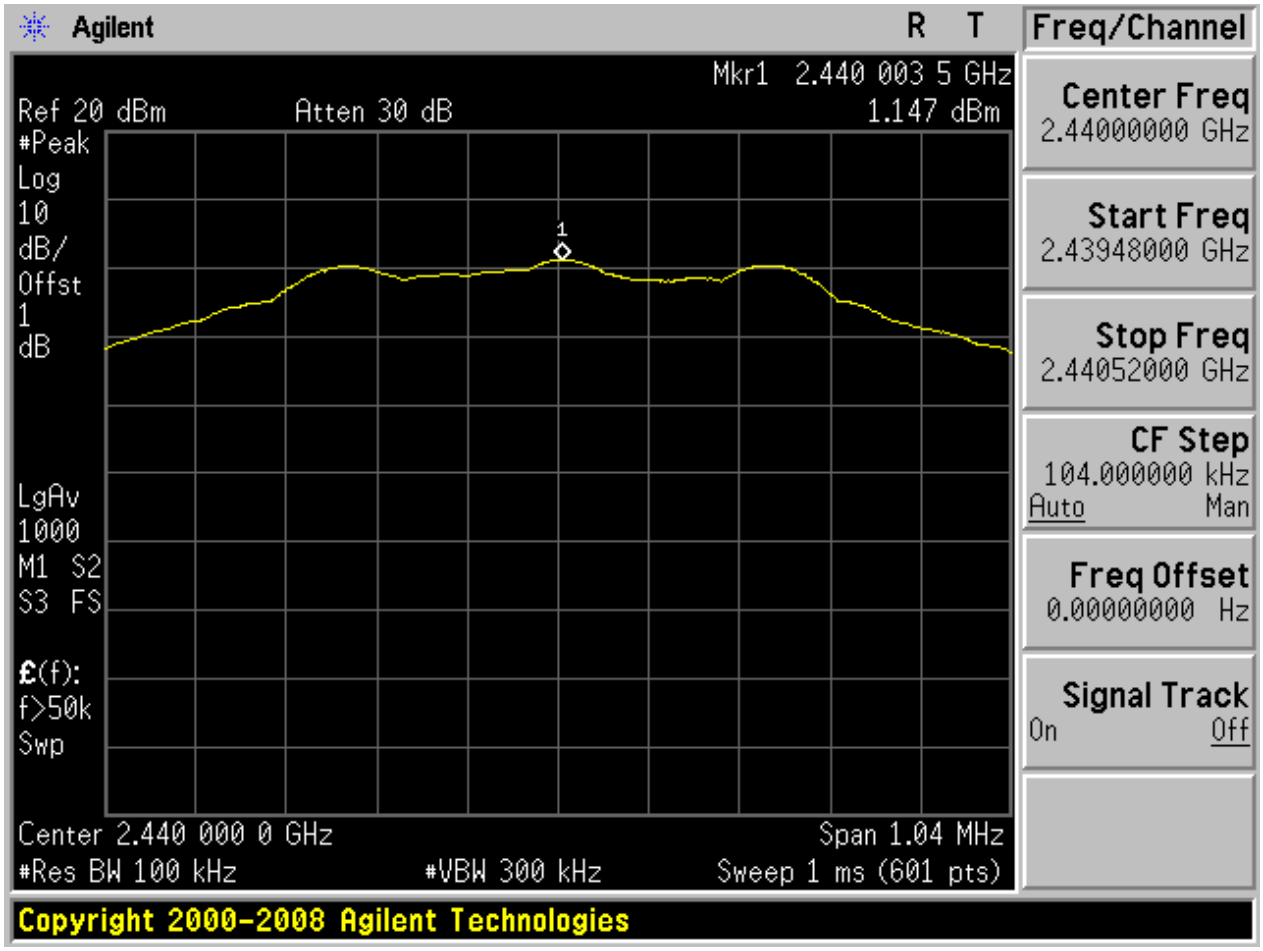




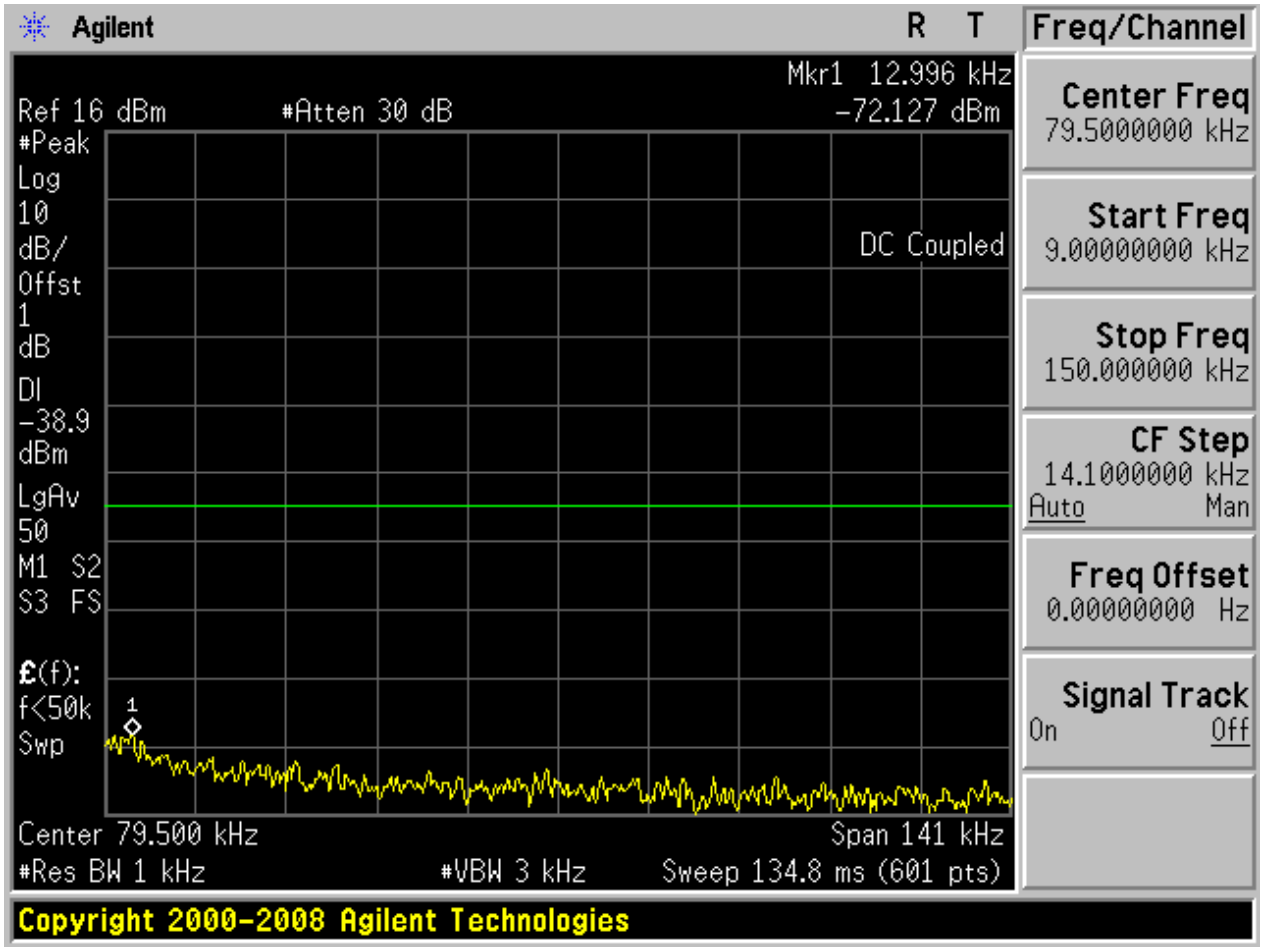


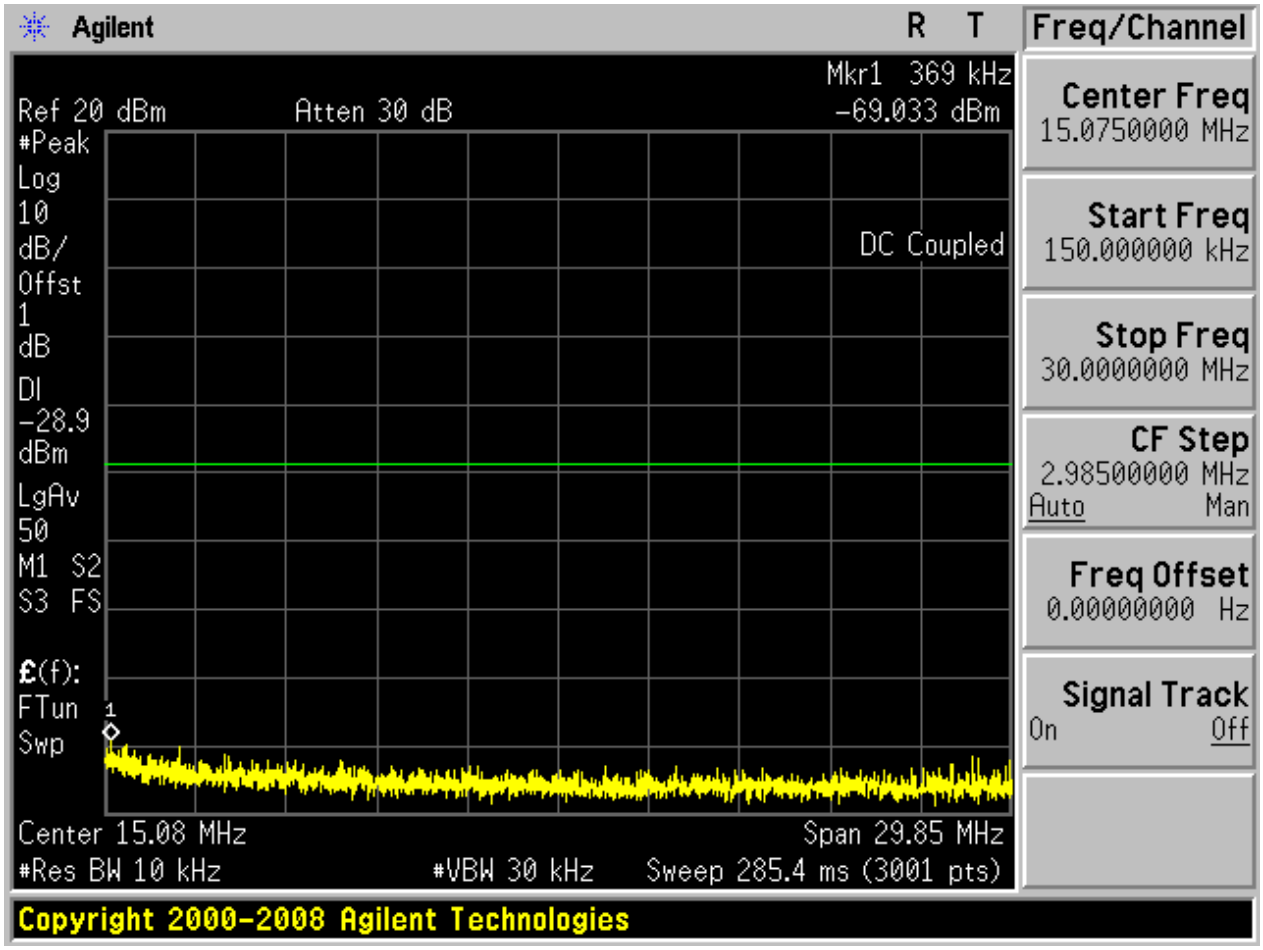
2.2 TM1_DH5_Ch19

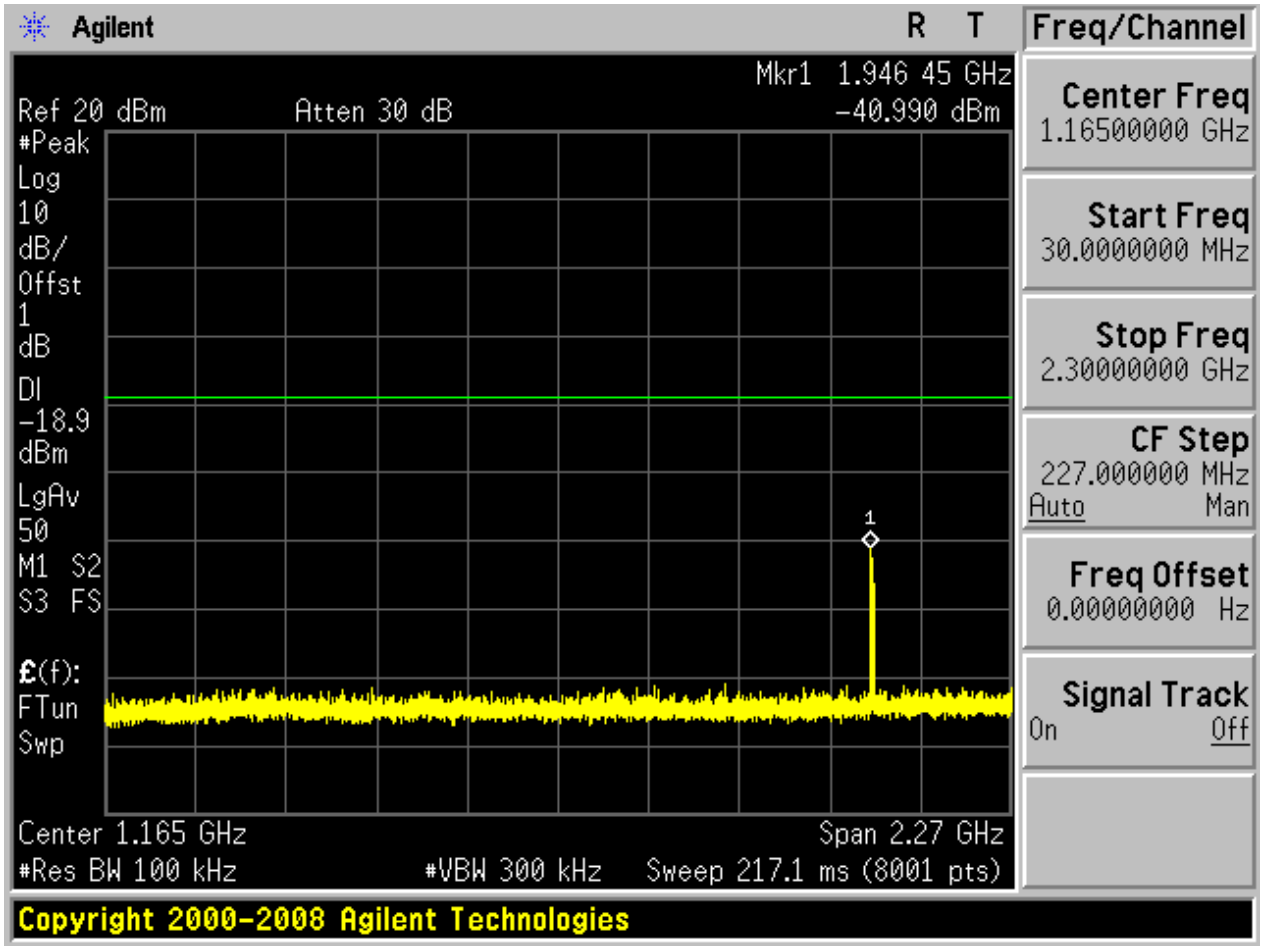
2.2.1 Pref

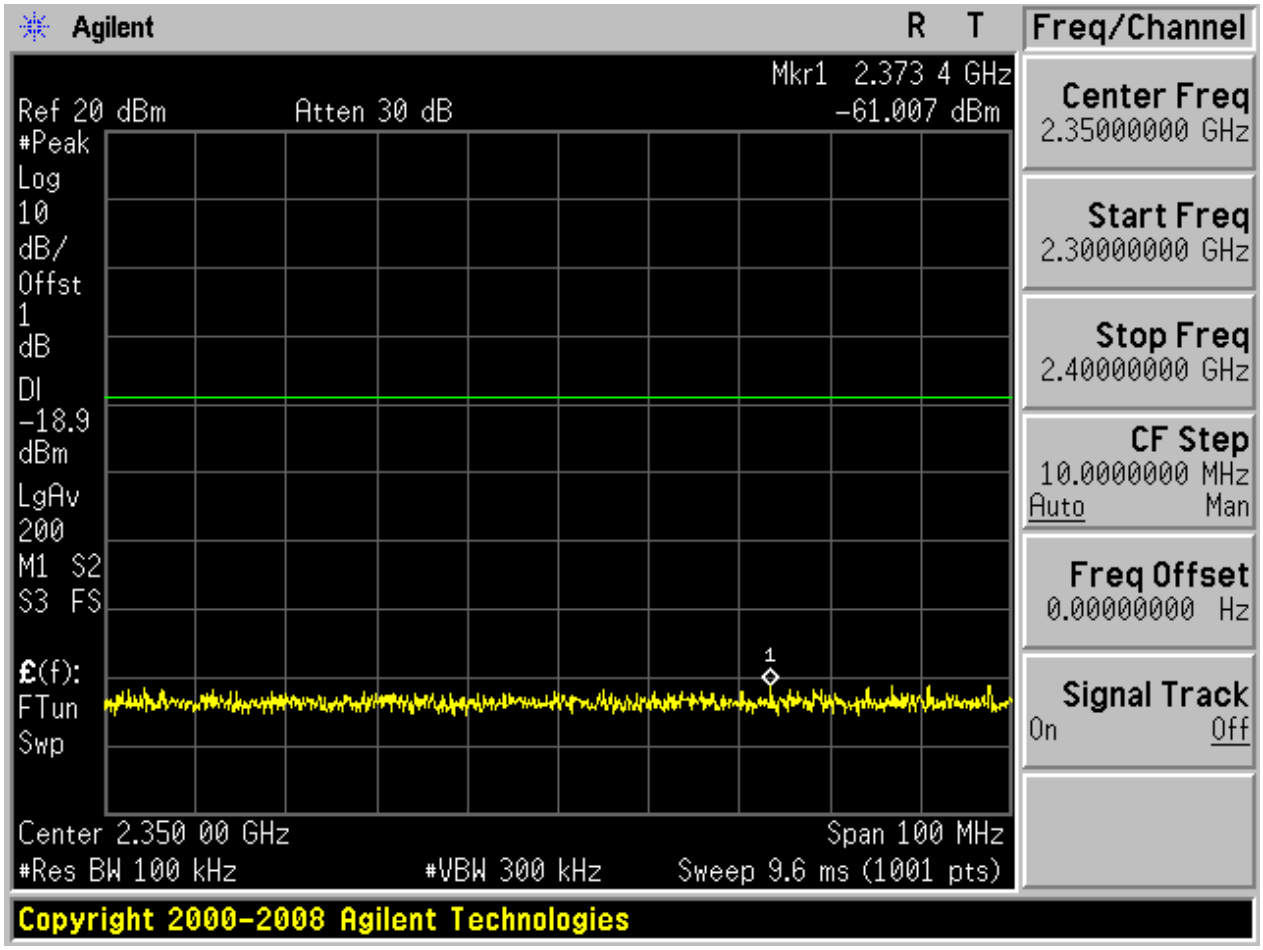


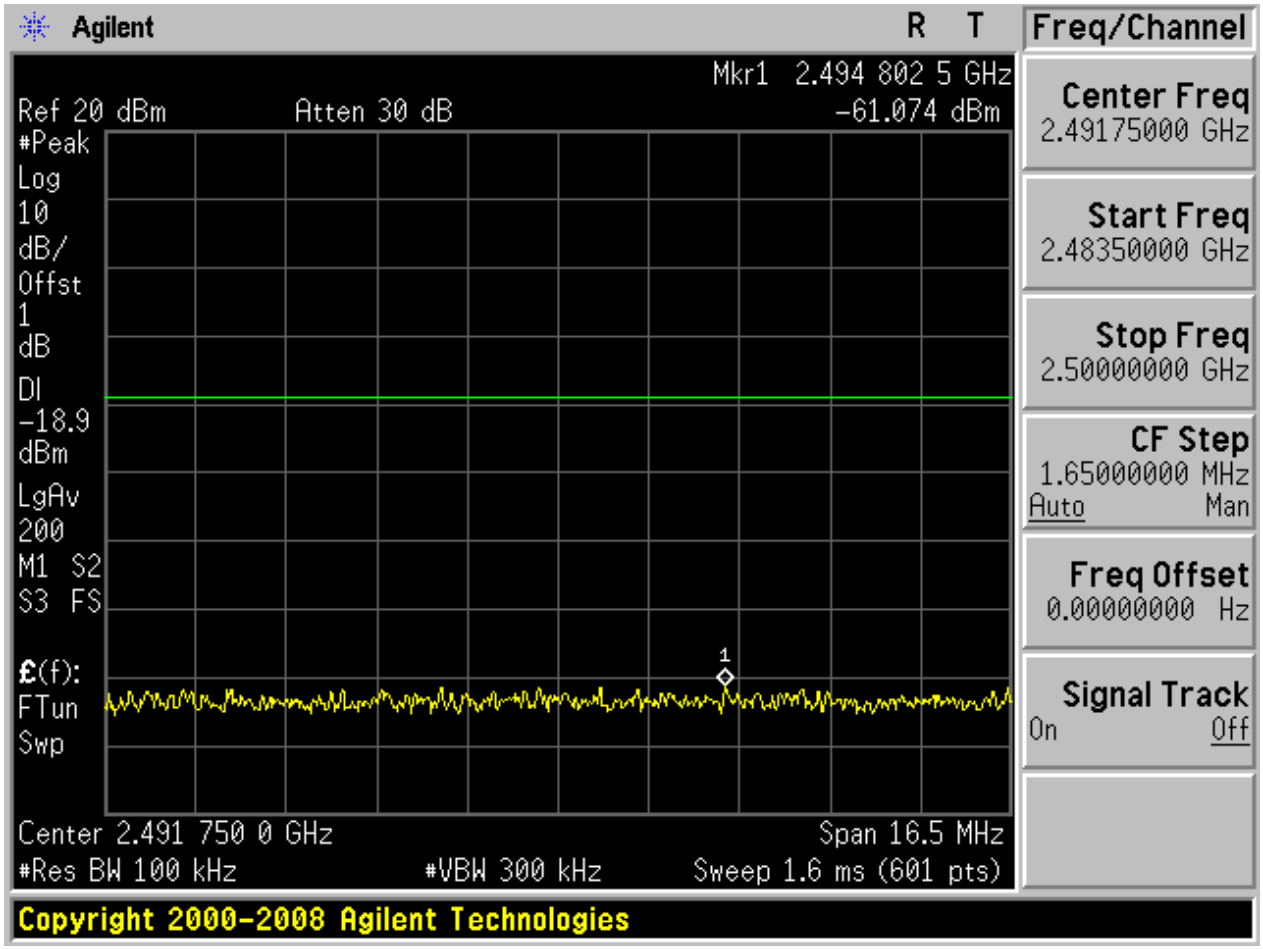
2.2.2 Puw

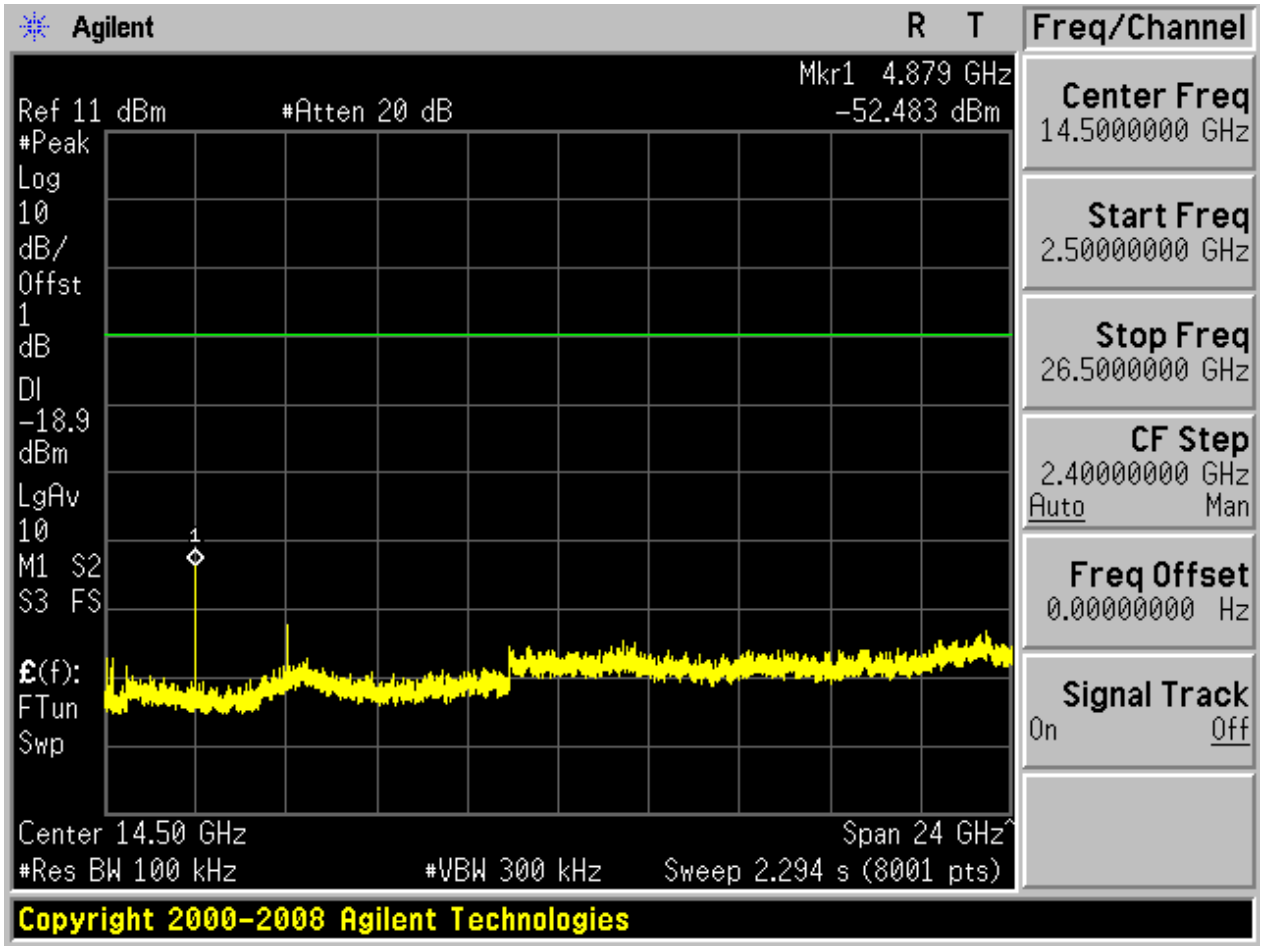






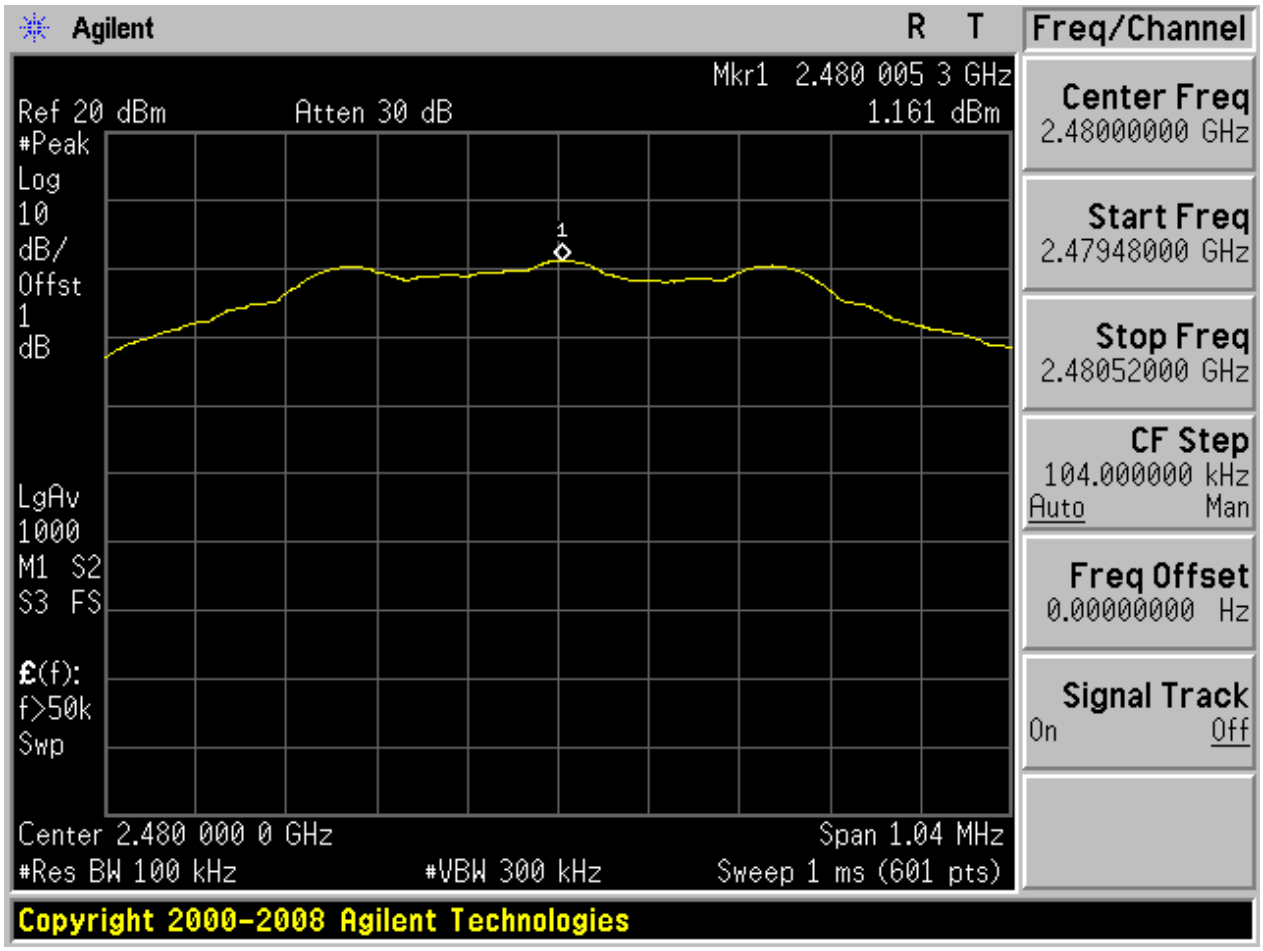




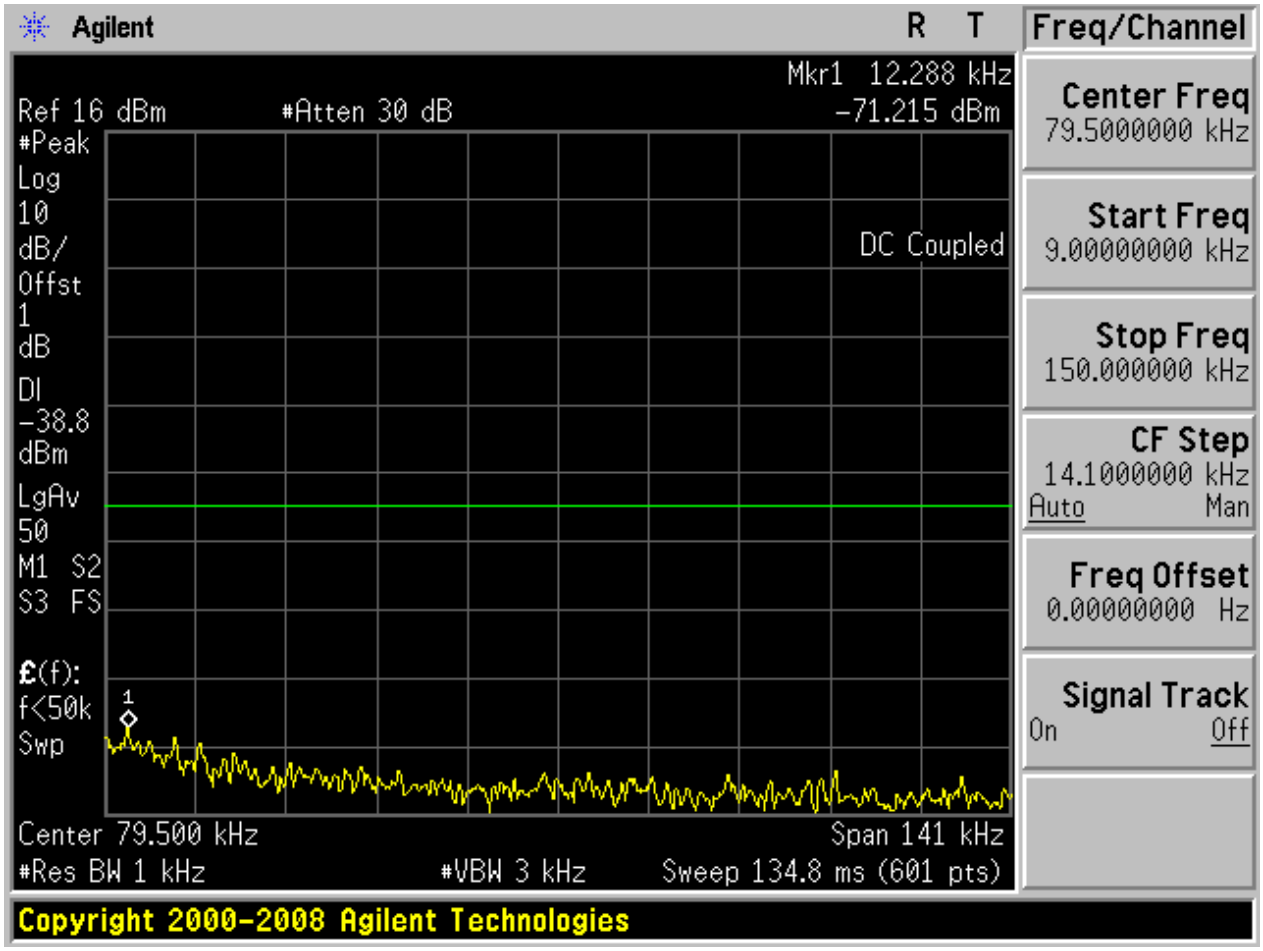


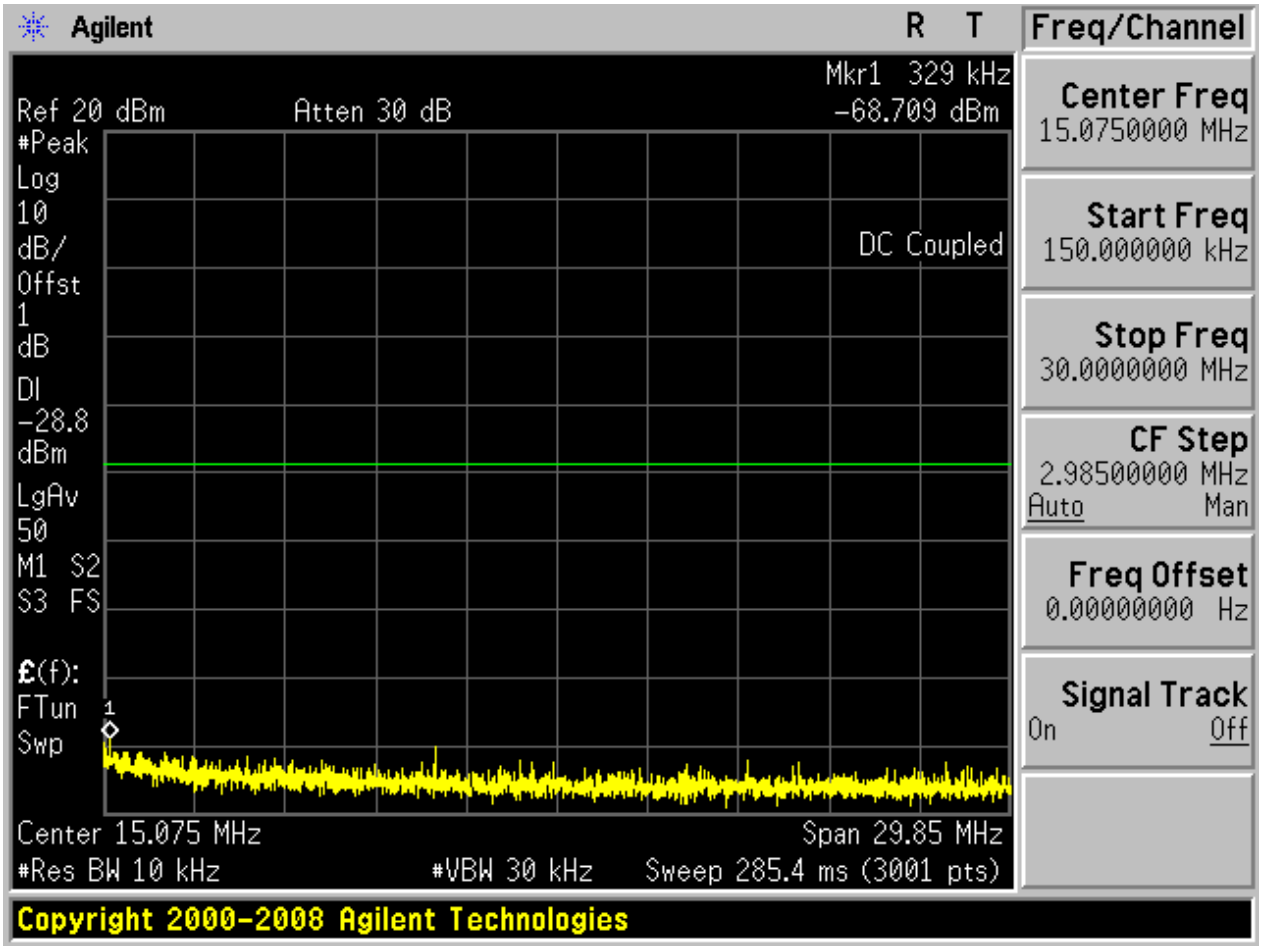
2.3 TM1_DH5_Ch39

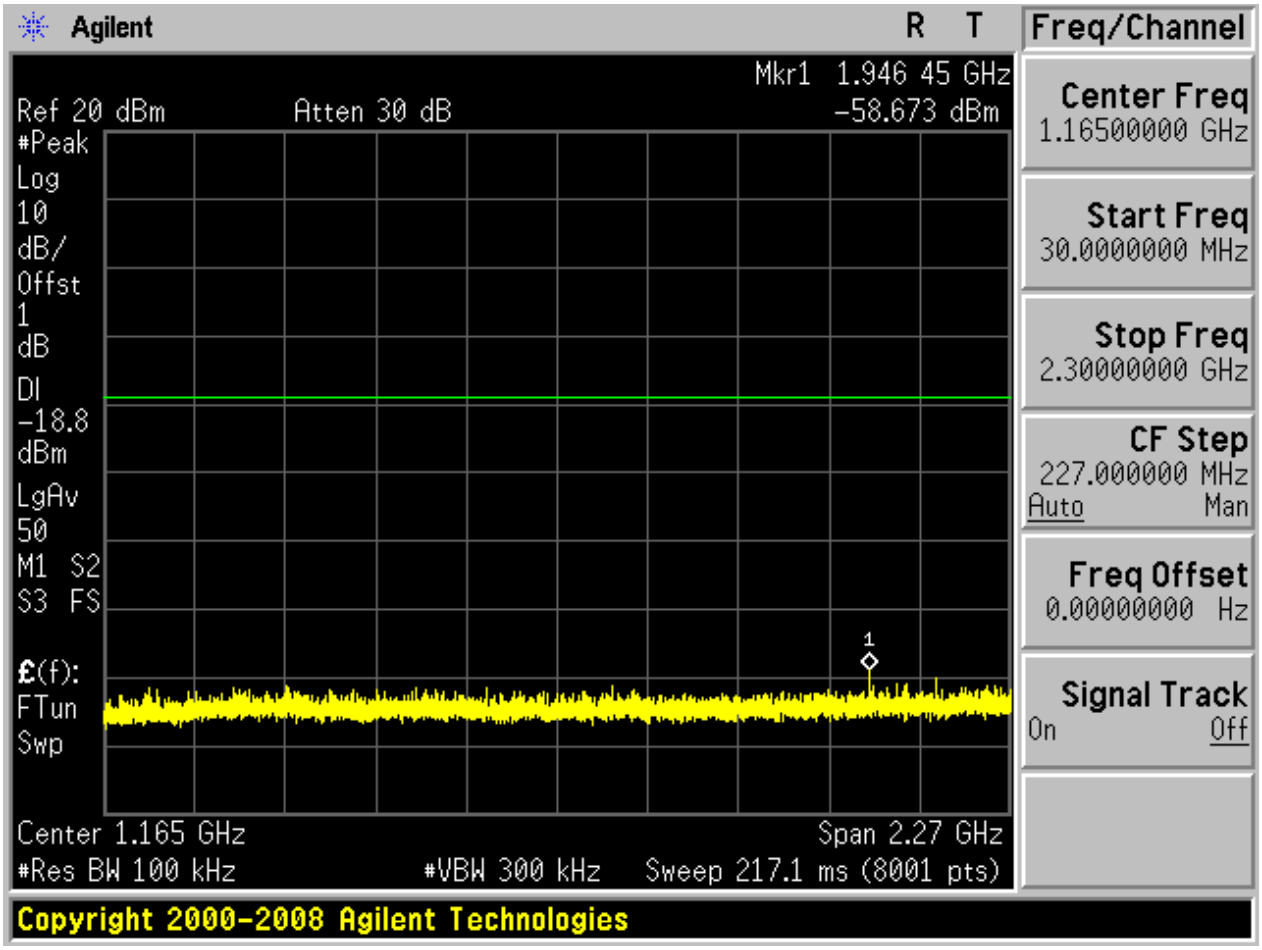
2.3.1 Pref

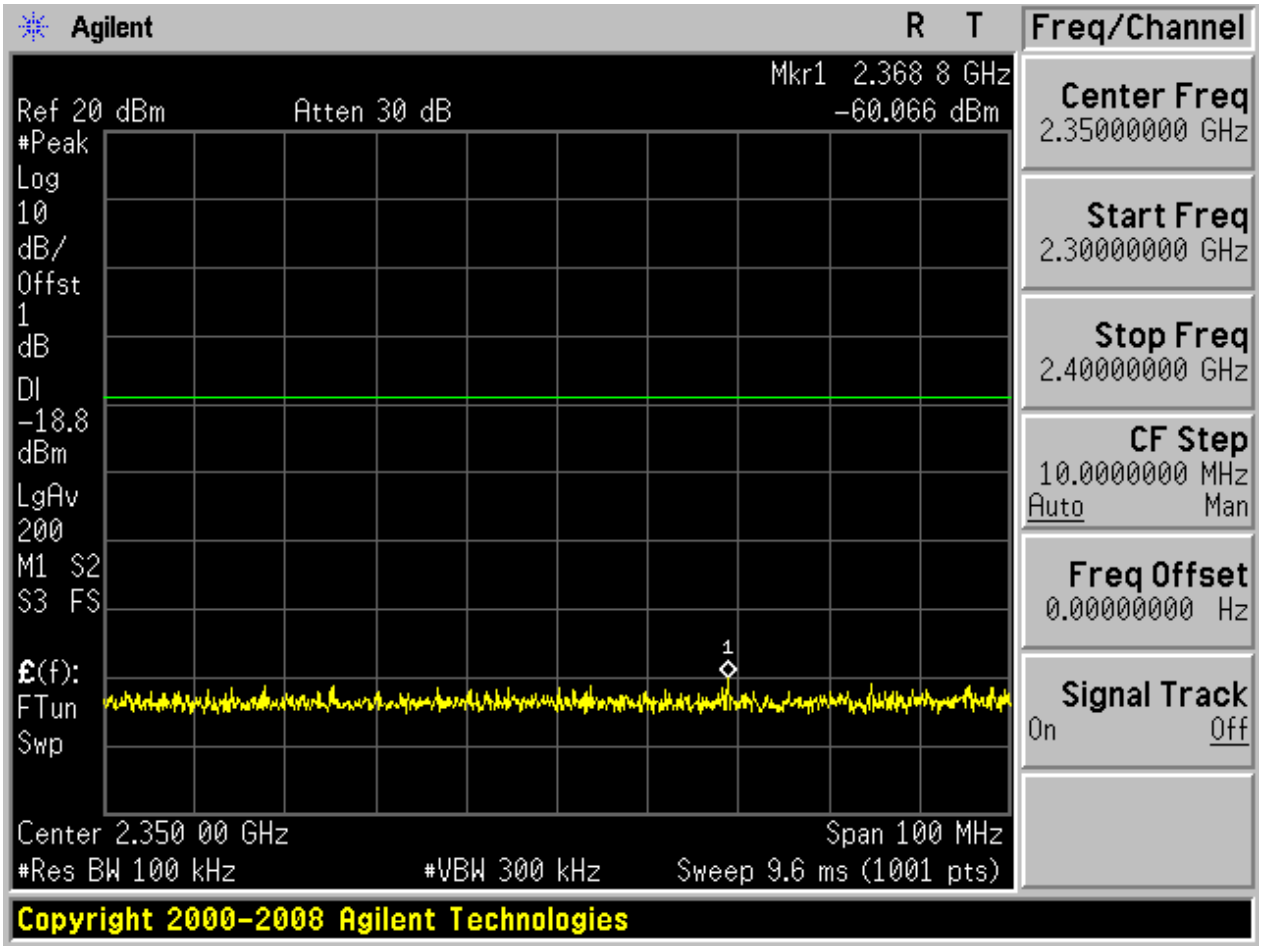


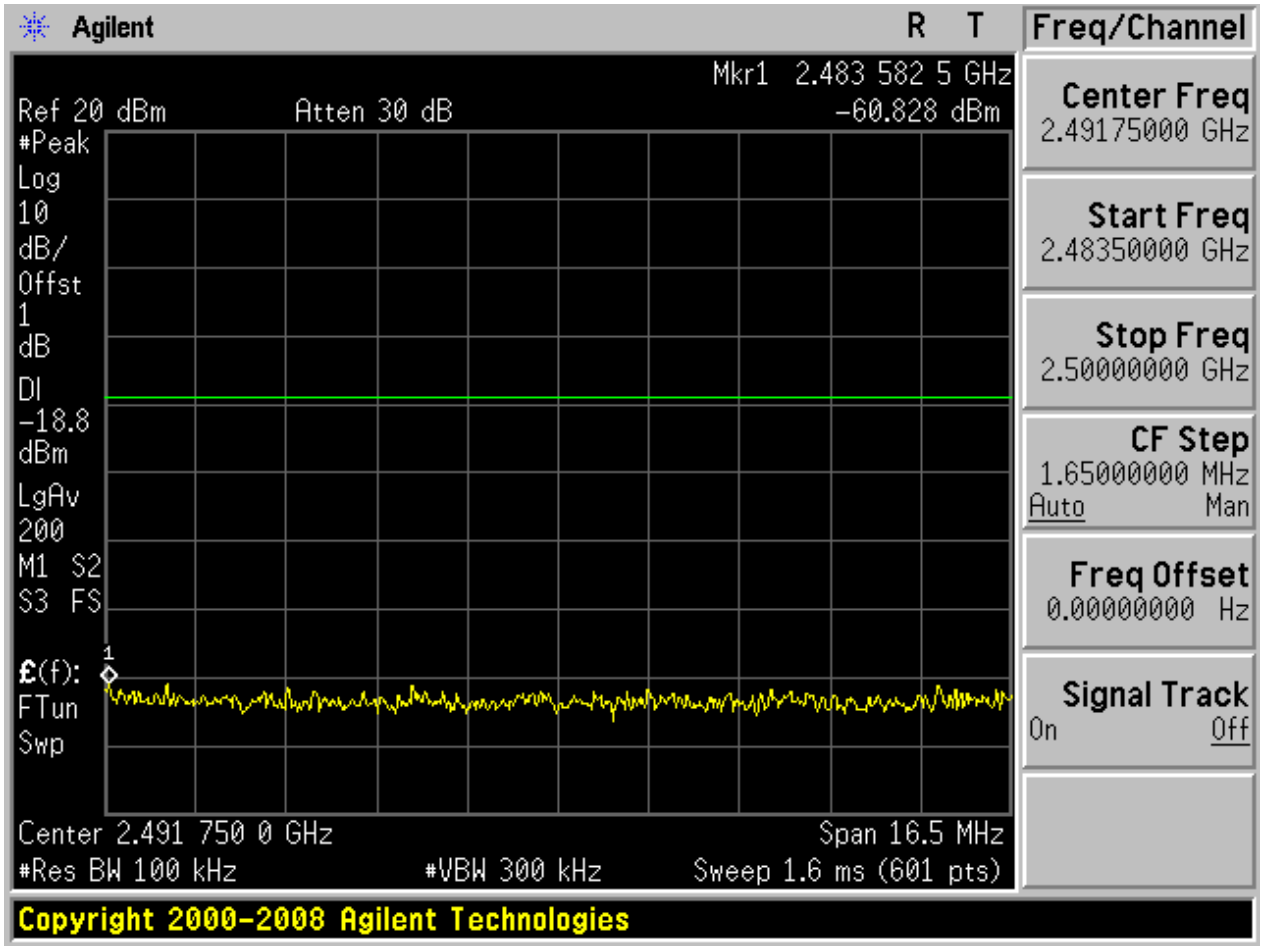
2.3.2 Puw

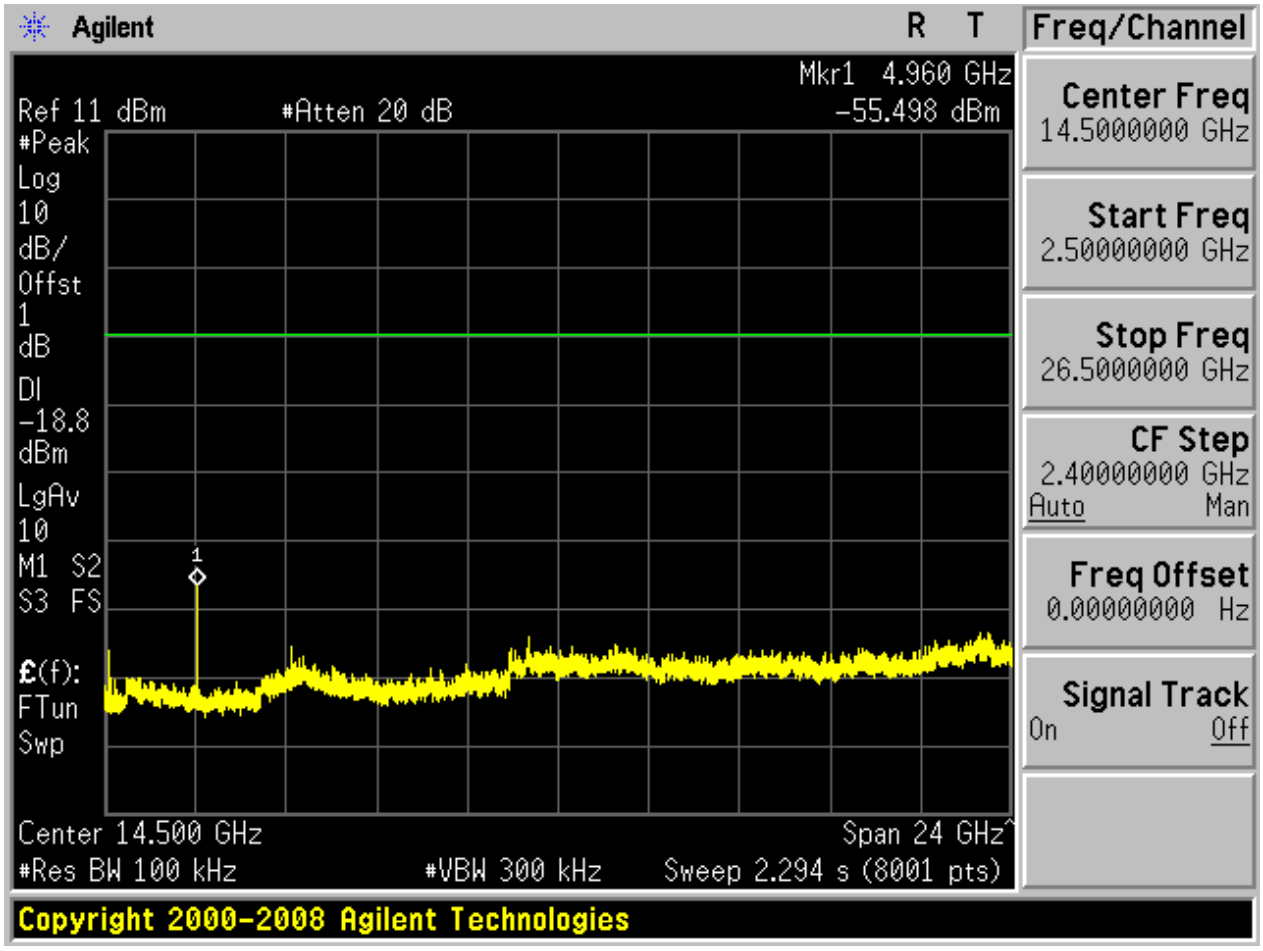










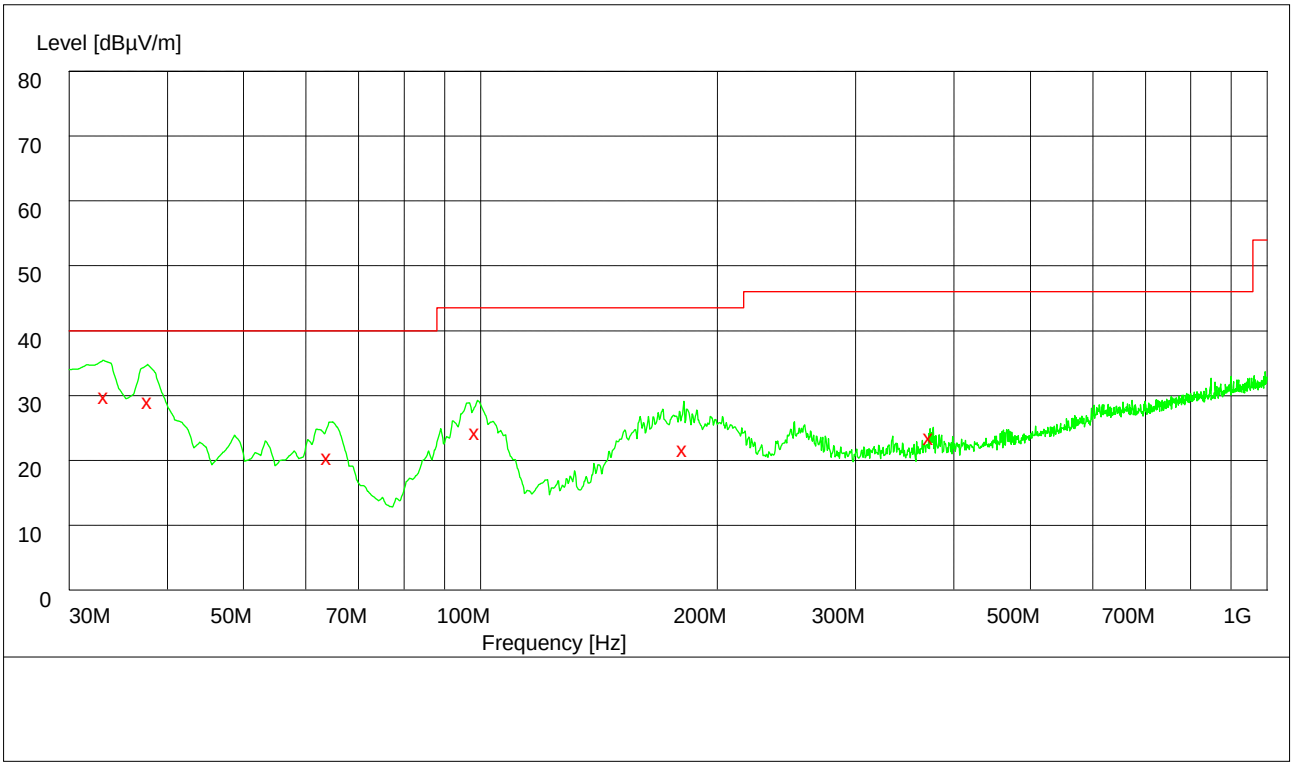


Appendix G: Radiated Emissions in the Restricted Bands

Part 1: Testing Range of "30 MHz to 1 GHz"

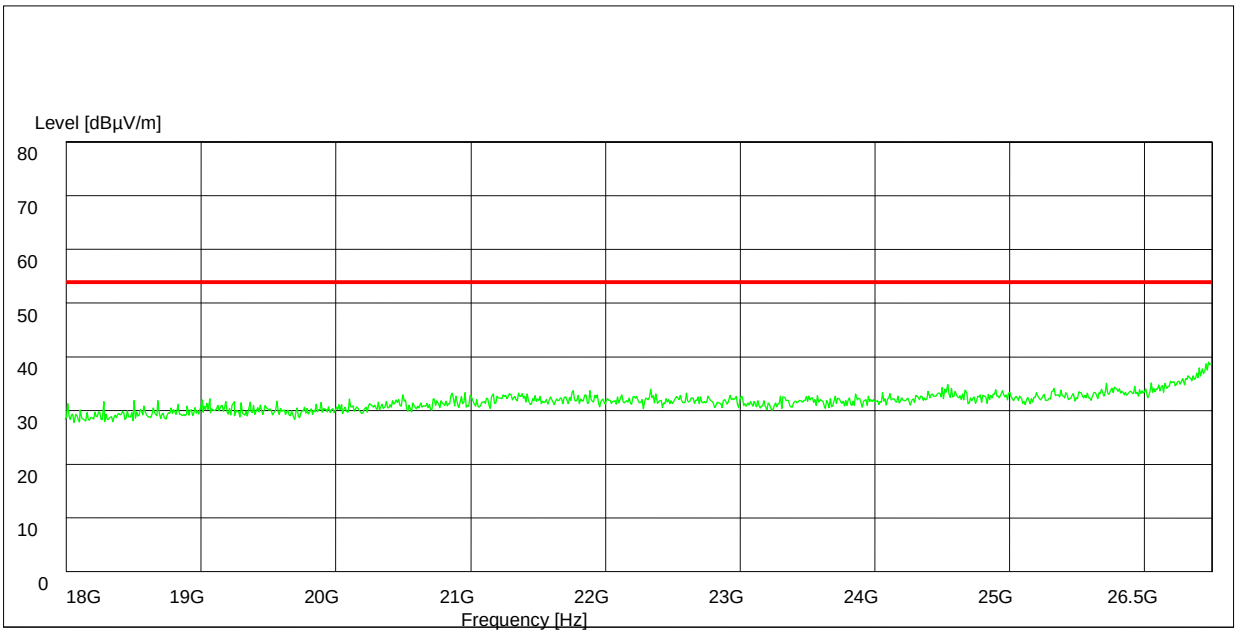
Note 1: The test results and plot for testing range of "30 MHz to 1 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

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
33.420000	31.30	11.8	40.0	8.7	100.0	141.00	VERTICAL
37.980000	30.50	12.6	40.0	9.5	100.0	54.00	VERTICAL
64.200000	21.90	10.8	40.0	18.1	112.0	57.00	VERTICAL
99.000000	25.80	13.0	43.5	17.7	100.0	43.00	VERTICAL
181.740000	23.20	11.1	43.5	20.3	117.0	305.00	HORIZONTAL
373.320000	25.00	17.5	46.0	21.0	100.0	282.00	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"

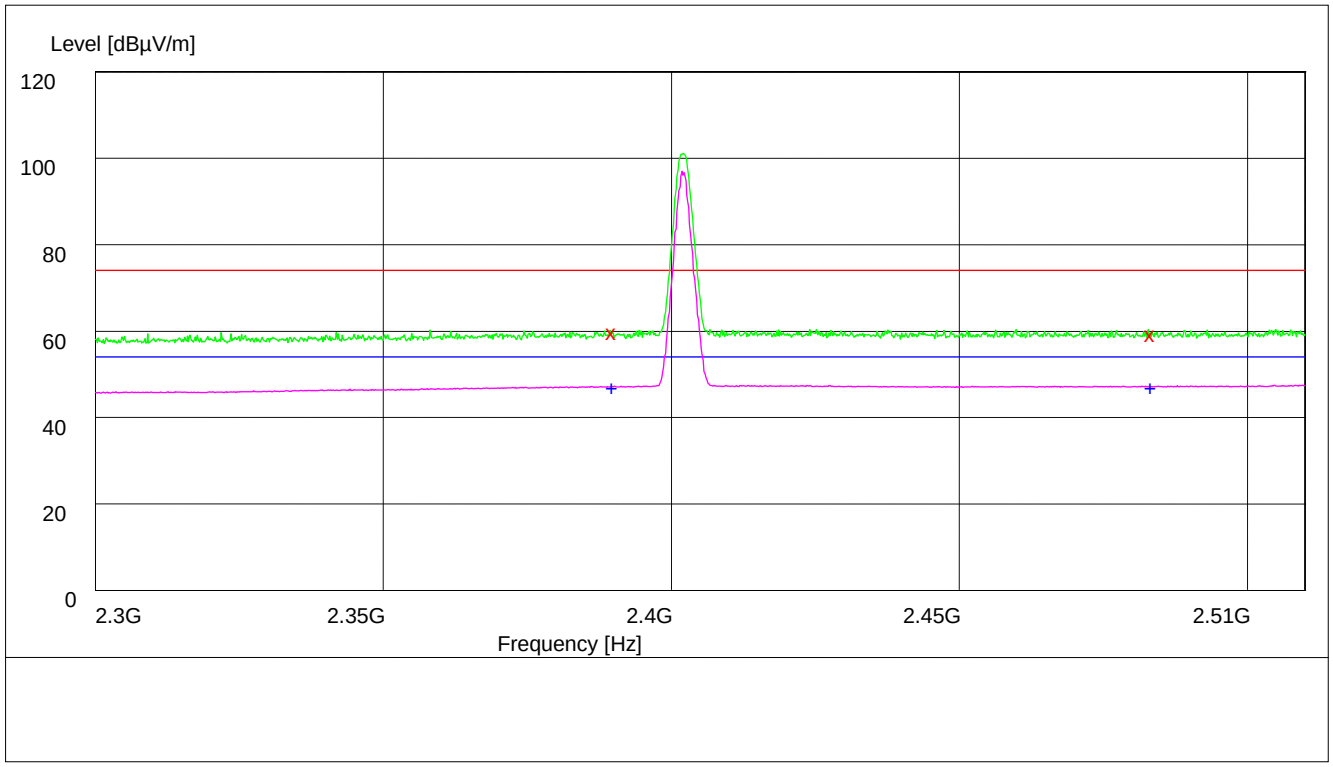
Note 1: The testing range of "2.3 GHz to 2.5 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.

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 0



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

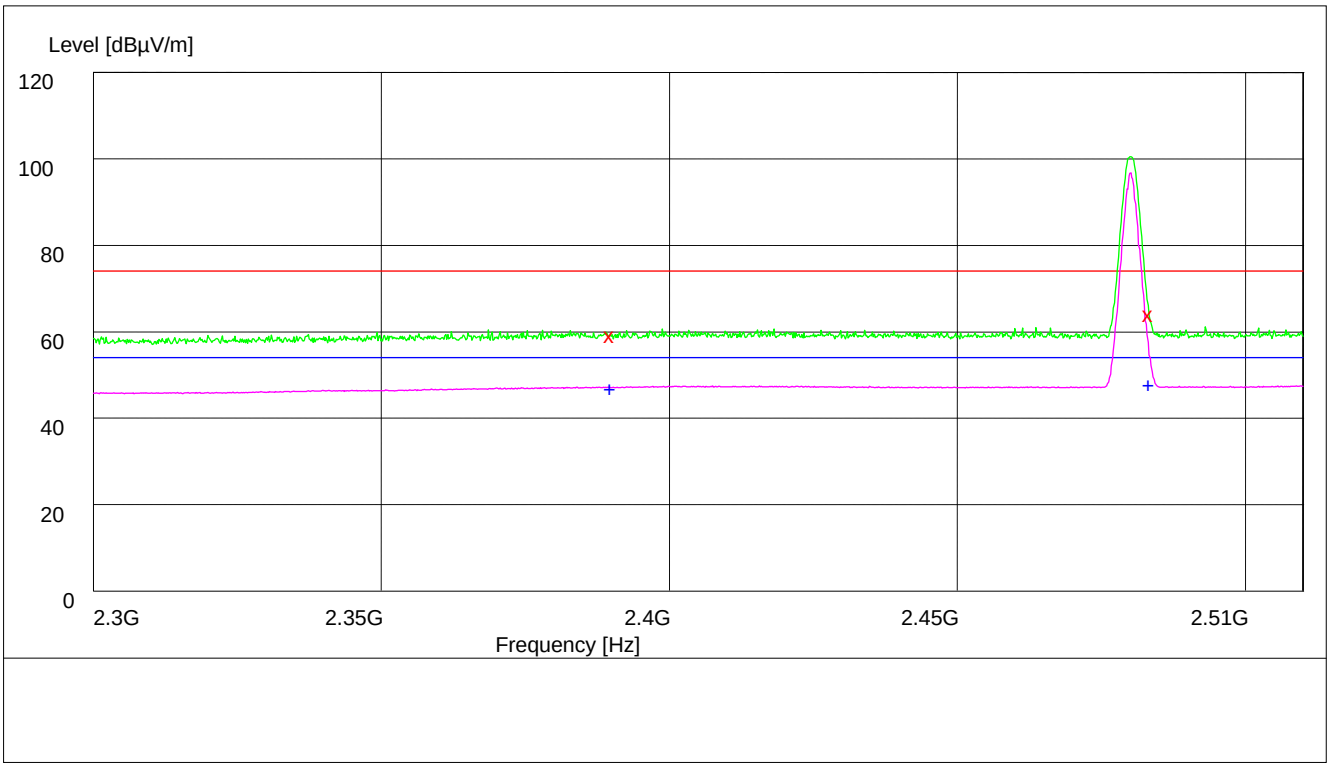
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.40	34.7	74.0	15.6	100.0	0.00	HORIZONTAL
2483.500000	58.30	35.0	74.0	15.7	100.0	72.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.70	34.7	54.0	8.3	100.0	330.00	HORIZONTAL
2483.500000	45.70	35.0	54.0	8.3	100.0	359.00	HORIZONTAL

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	58.00	34.7	74.0	16.0	100.0	49.00	VERTICAL
2483.500000	61.20	35.0	74.0	12.8	100.0	211.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

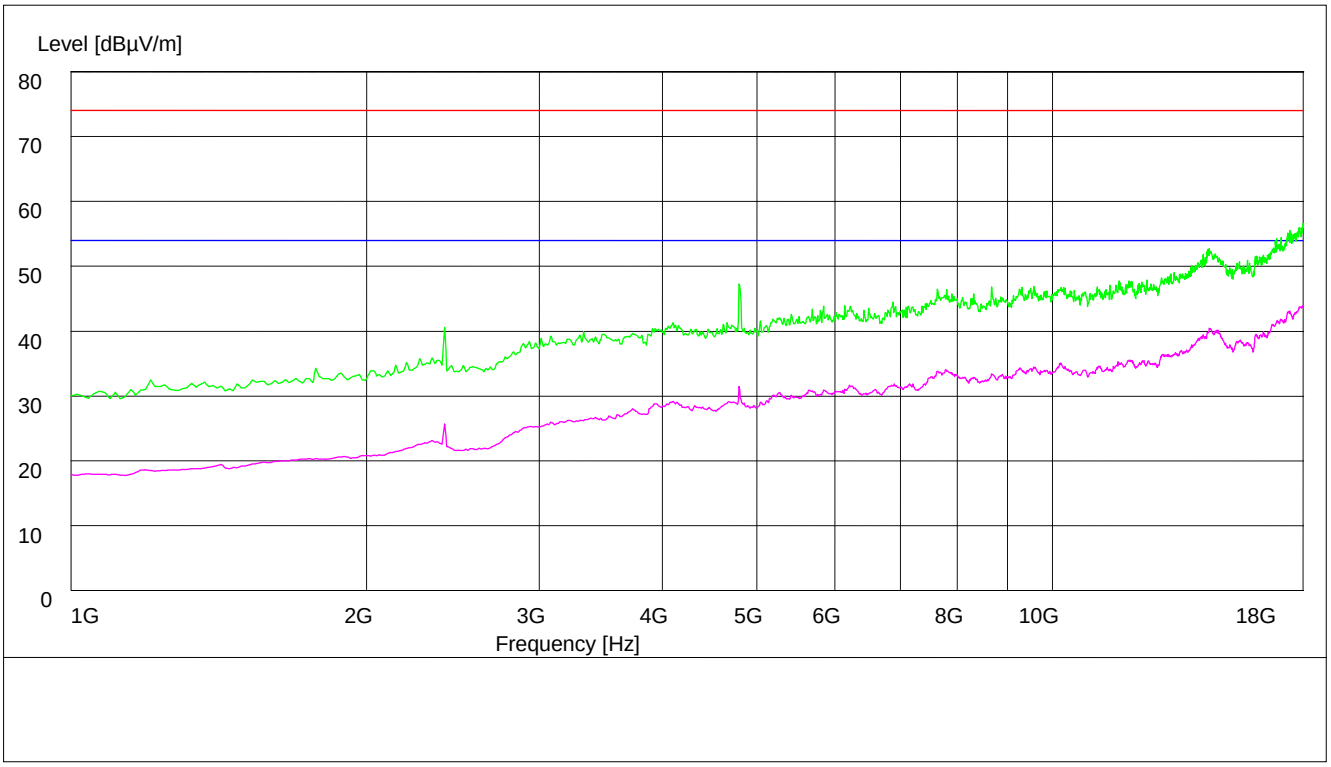
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.70	34.7	54.0	8.3	100.0	360.00	HORIZONTAL
2483.500000	46.60	35.0	54.0	7.4	100.0	214.00	HORIZONTAL

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.

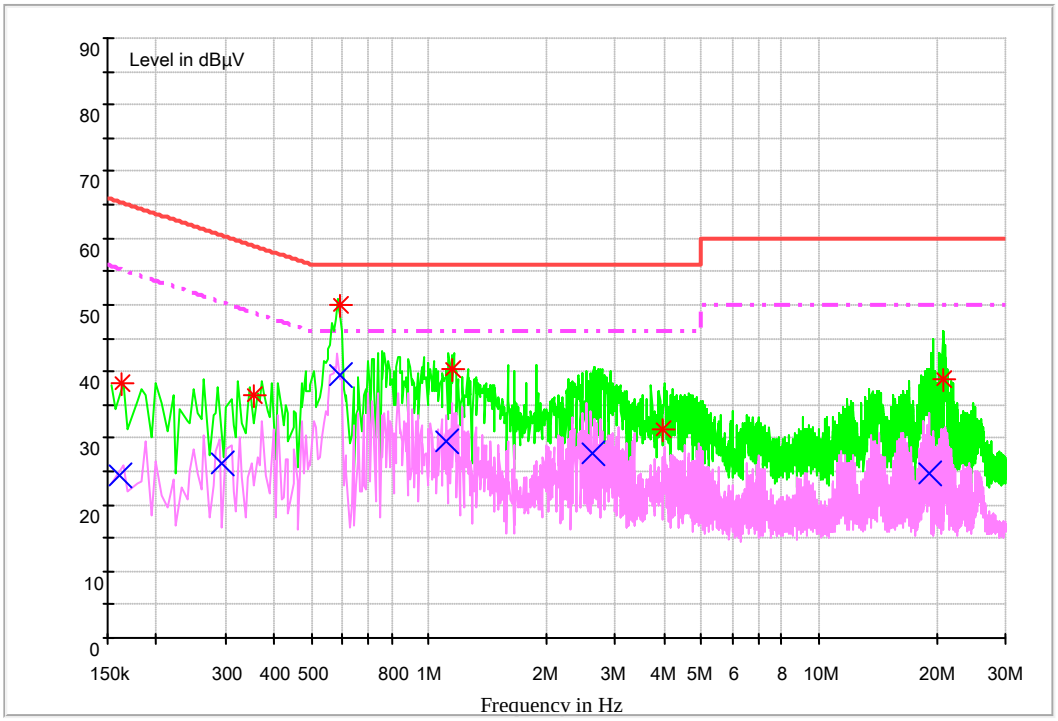
Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).



Appendix H: AC Power Line Conducted Emissions

Channel 19

MEASUREMENT RESULT: QP Detector



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.163123	38.1	N	9.7	27.2	65.3	FLO
0.356869	36.5	N	9.7	22.3	58.8	FLO
0.588585	49.8	N	9.7	6.2	56.0	FLO
1.146008	40.2	L1	9.7	15.8	56.0	FLO
3.988372	31.2	N	9.8	24.8	56.0	FLO
20.709494	38.9	N	10.1	21.1	60.0	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Line	Transd dB	Margin dB	Limit dBµV	PE
0.160803	24.5	N	9.7	30.9	55.4	FLO
0.293842	26.1	N	9.7	24.3	50.4	FLO
0.590520	39.6	N	9.7	6.4	46.0	FLO
1.107026	29.4	N	9.7	16.6	46.0	FLO
2.610314	27.6	L1	9.7	18.4	46.0	FLO
19.052722	24.6	N	10.1	25.4	50.0	FLO

Note: Level= Reading level+ Transd (cable loss + correction factor).The reading level is used to calculate by software which is not shown in the sheet.

END