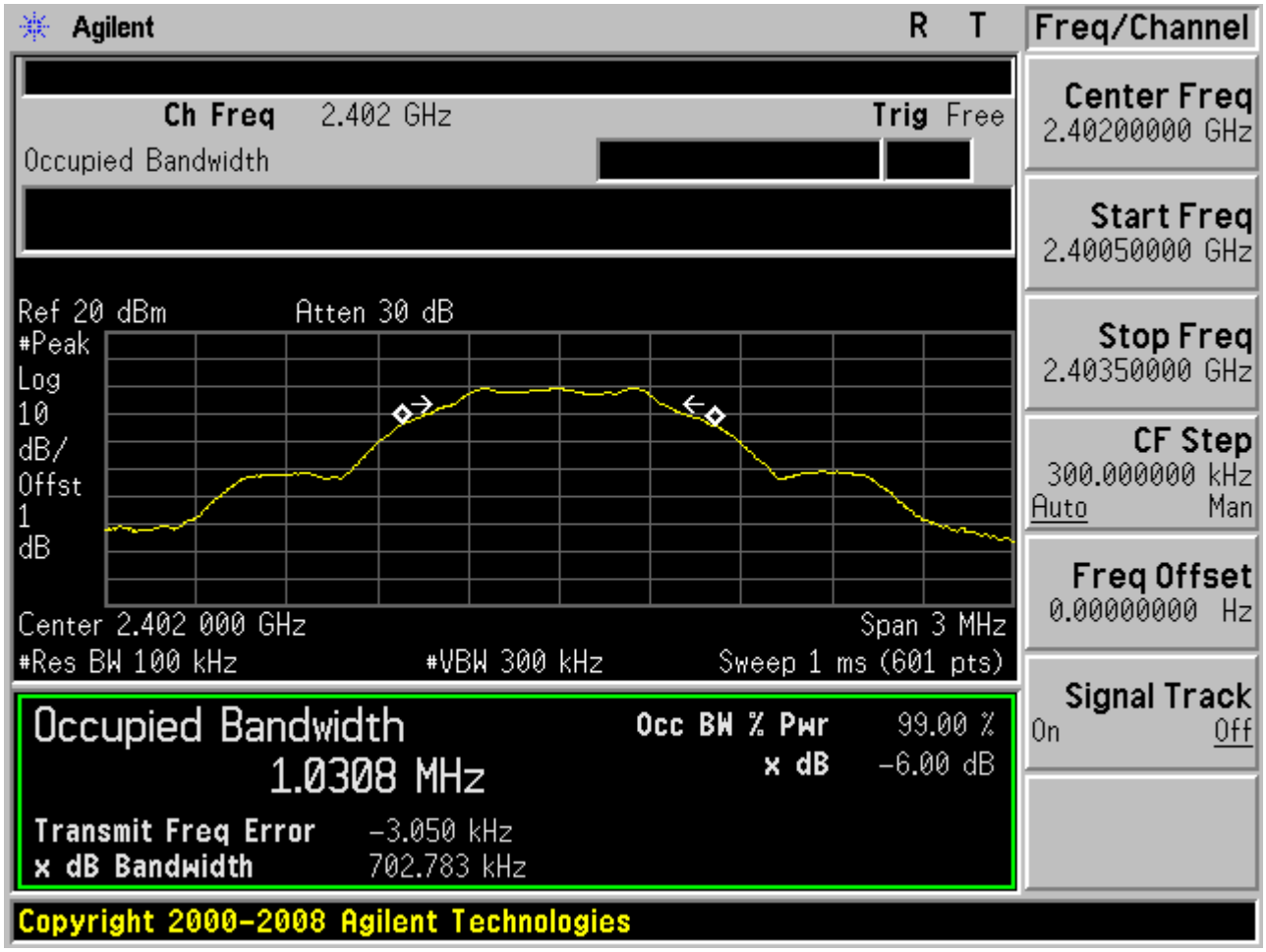
Appendix A: 6dB Emission Bandwidth (EBW)

1 Result Table

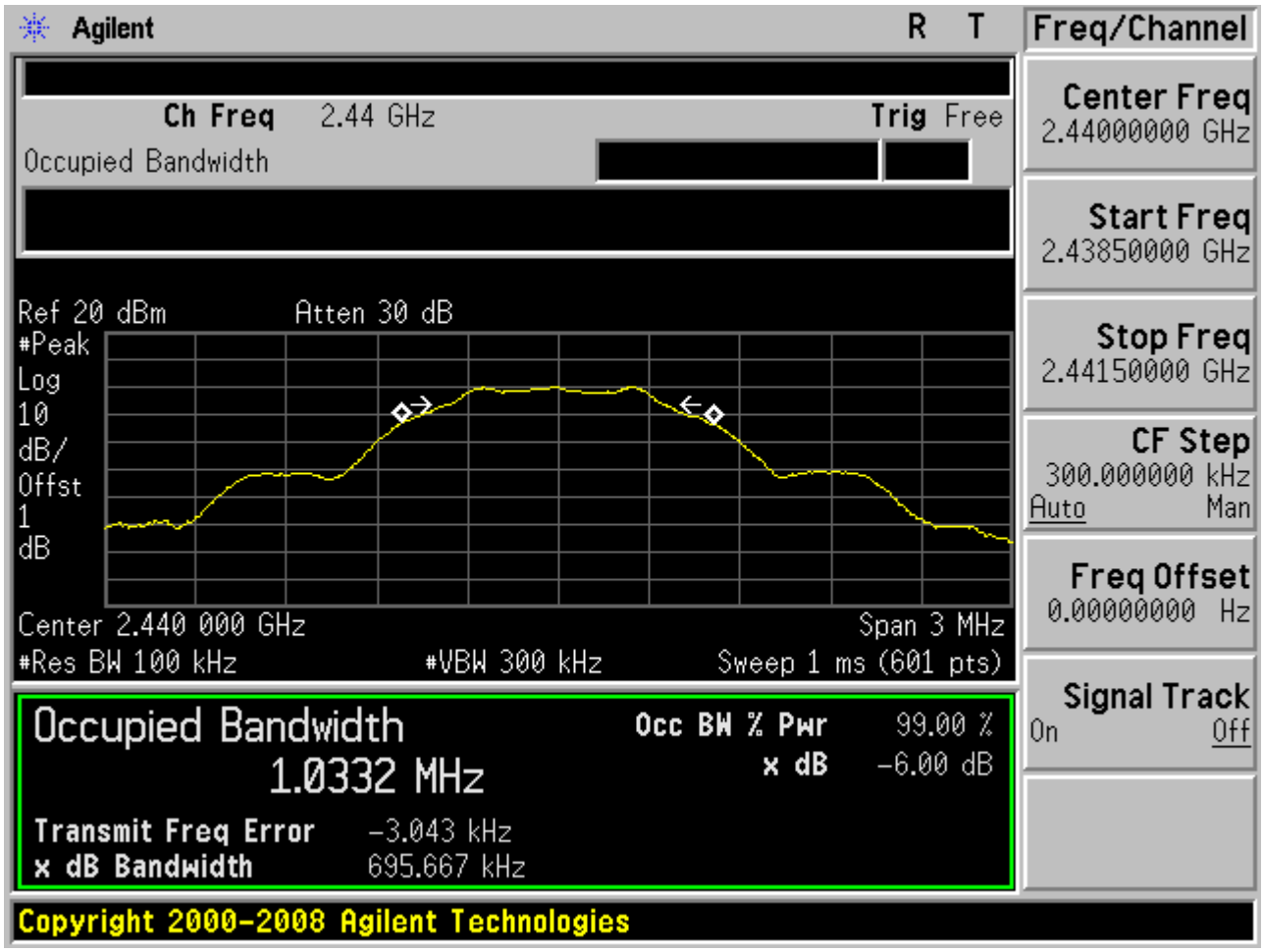
EUT Conf.	EBW [KHz]	Verdict
TM1_DH5_Ch0	702.78	Pass
TM1_DH5_Ch19	695.67	Pass
TM1_DH5_Ch39	705.80	Pass

2 Test Plot

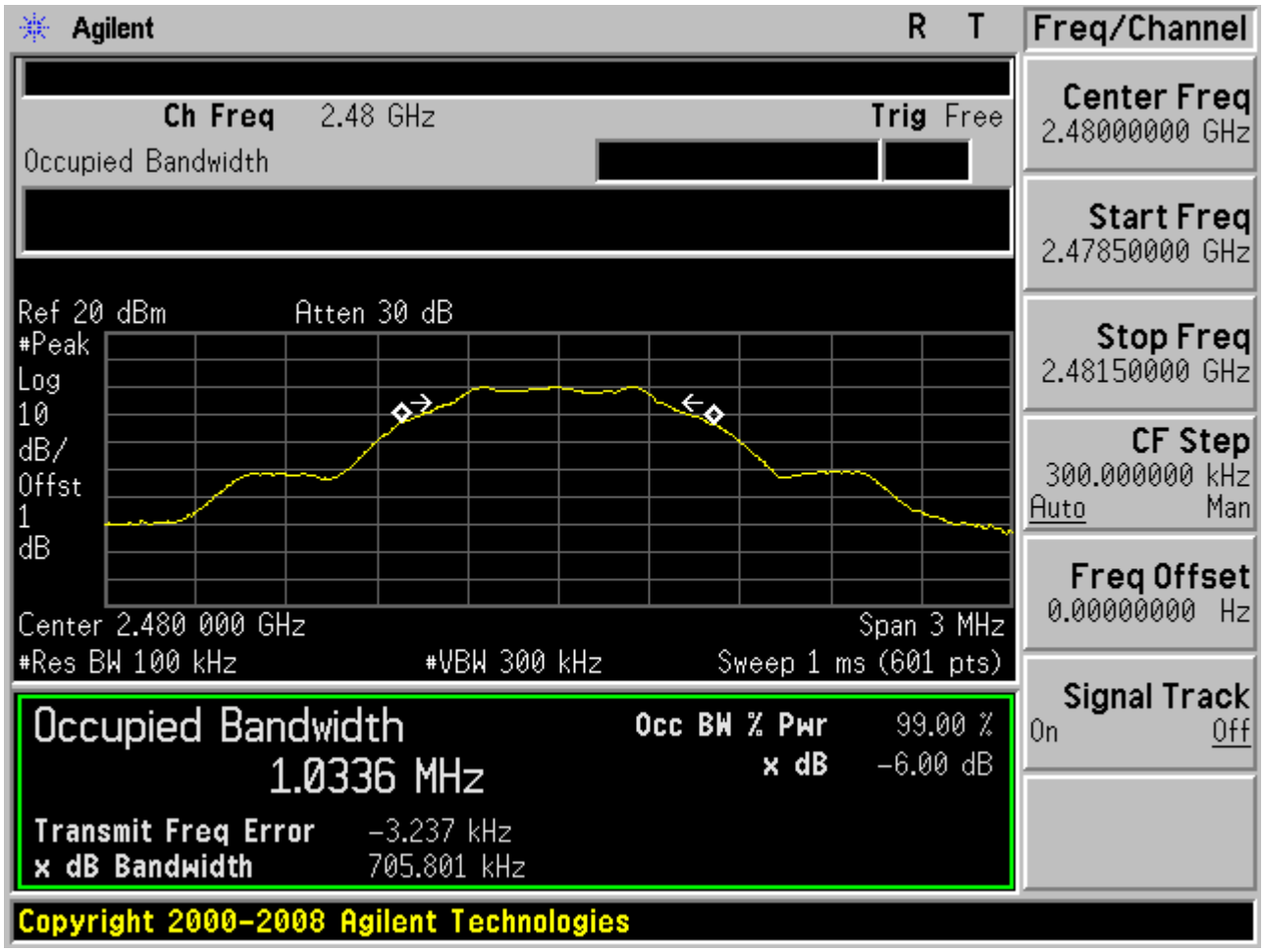
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



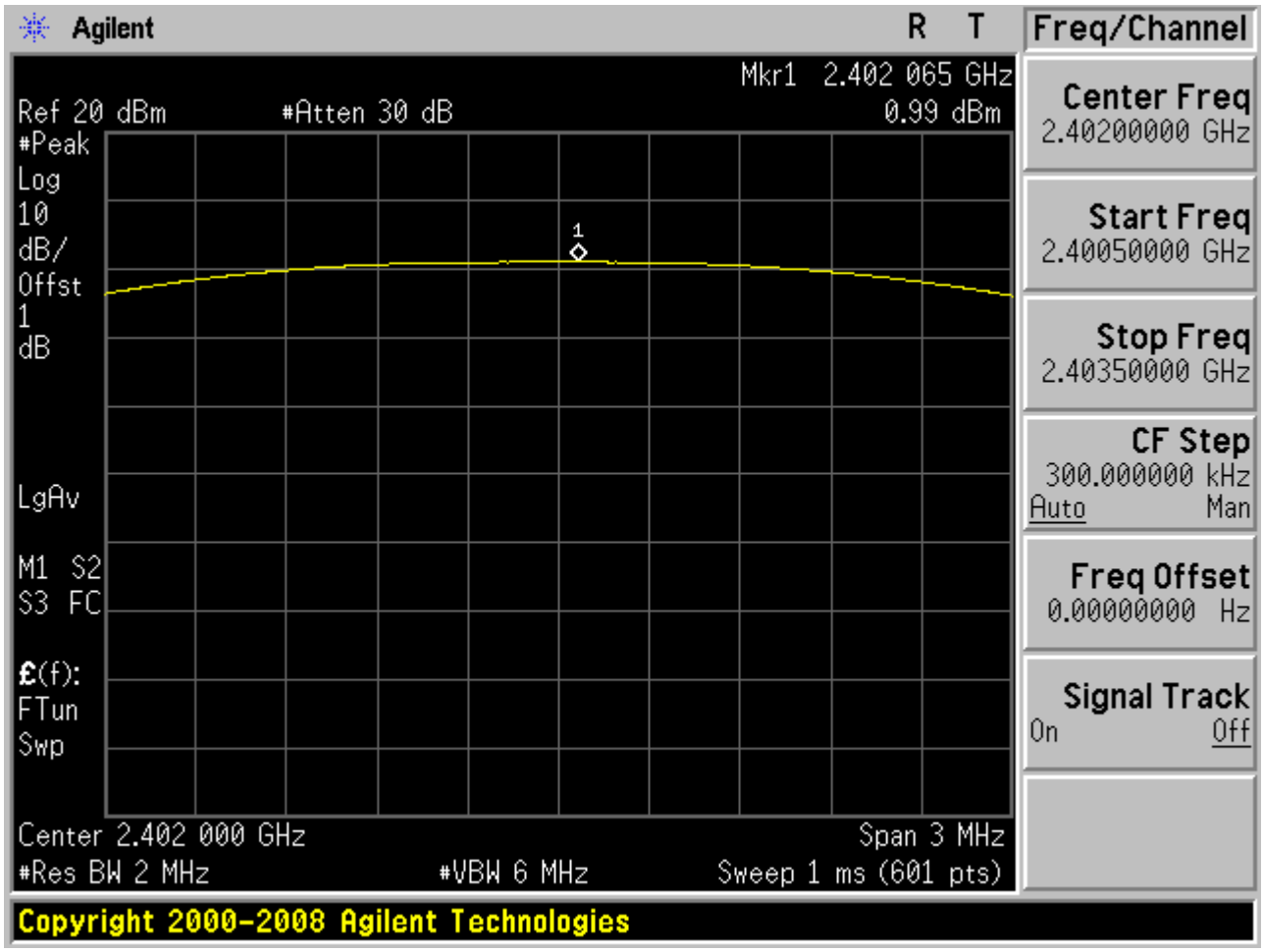
Appendix B: Maximum Peak Conducted Output Power

1 Result Table

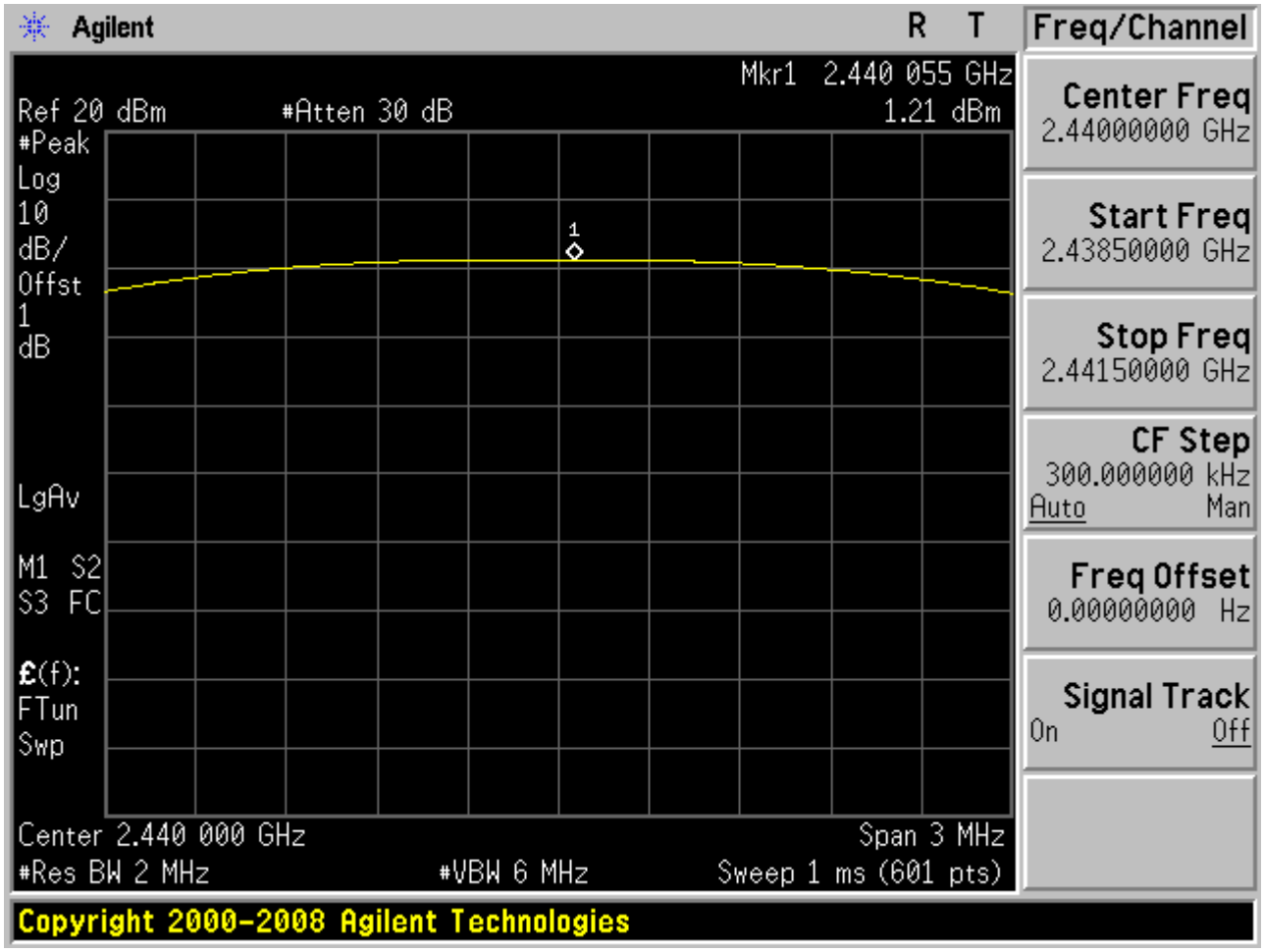
EUT Conf.	Max. Peak Power [dBm]	Verdict
TM1_DH5_Ch0	0.99	Pass
TM1_DH5_Ch19	1.21	Pass
TM1_DH5_Ch39	0.87	Pass

2 Test Plot

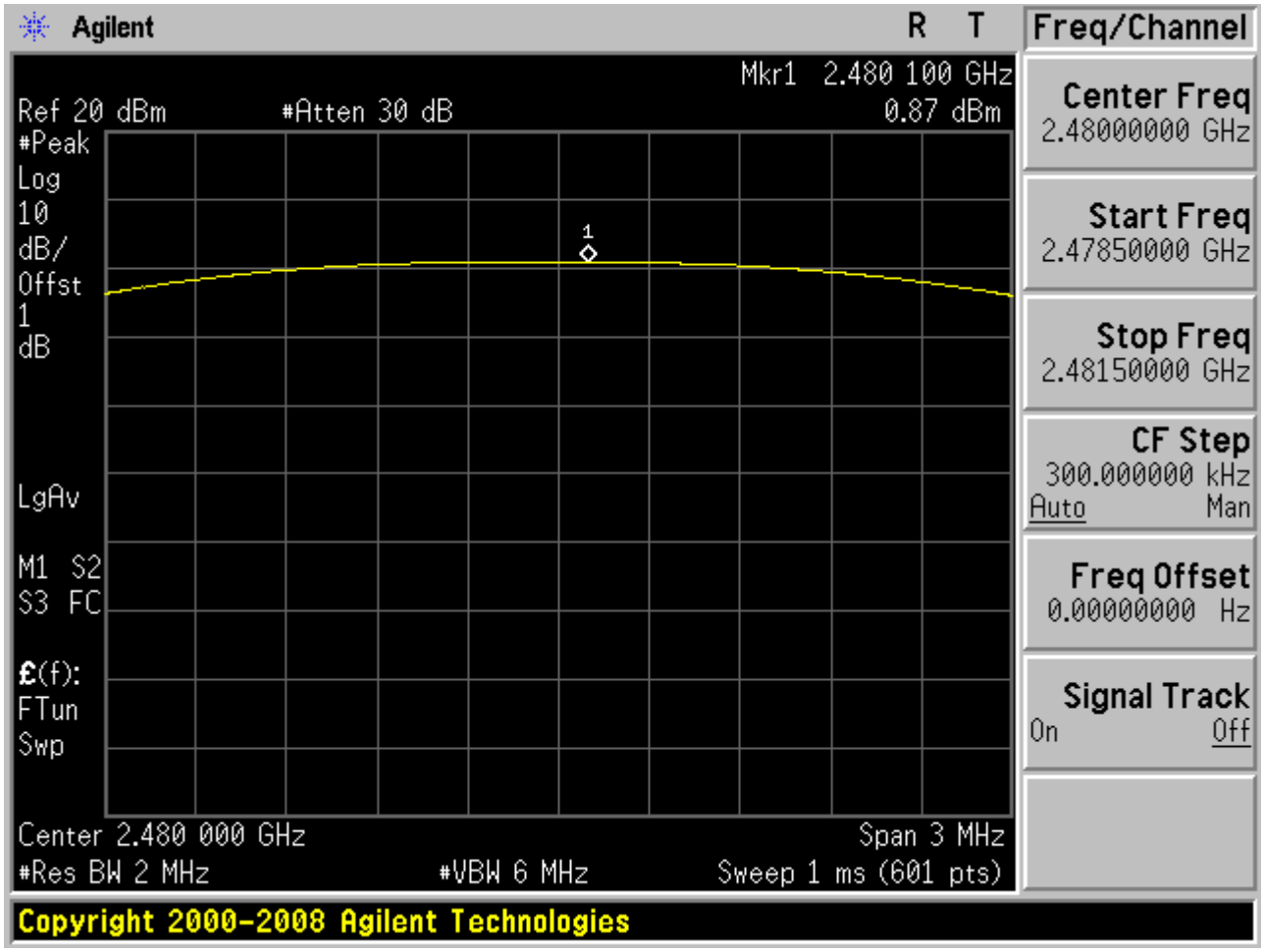
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



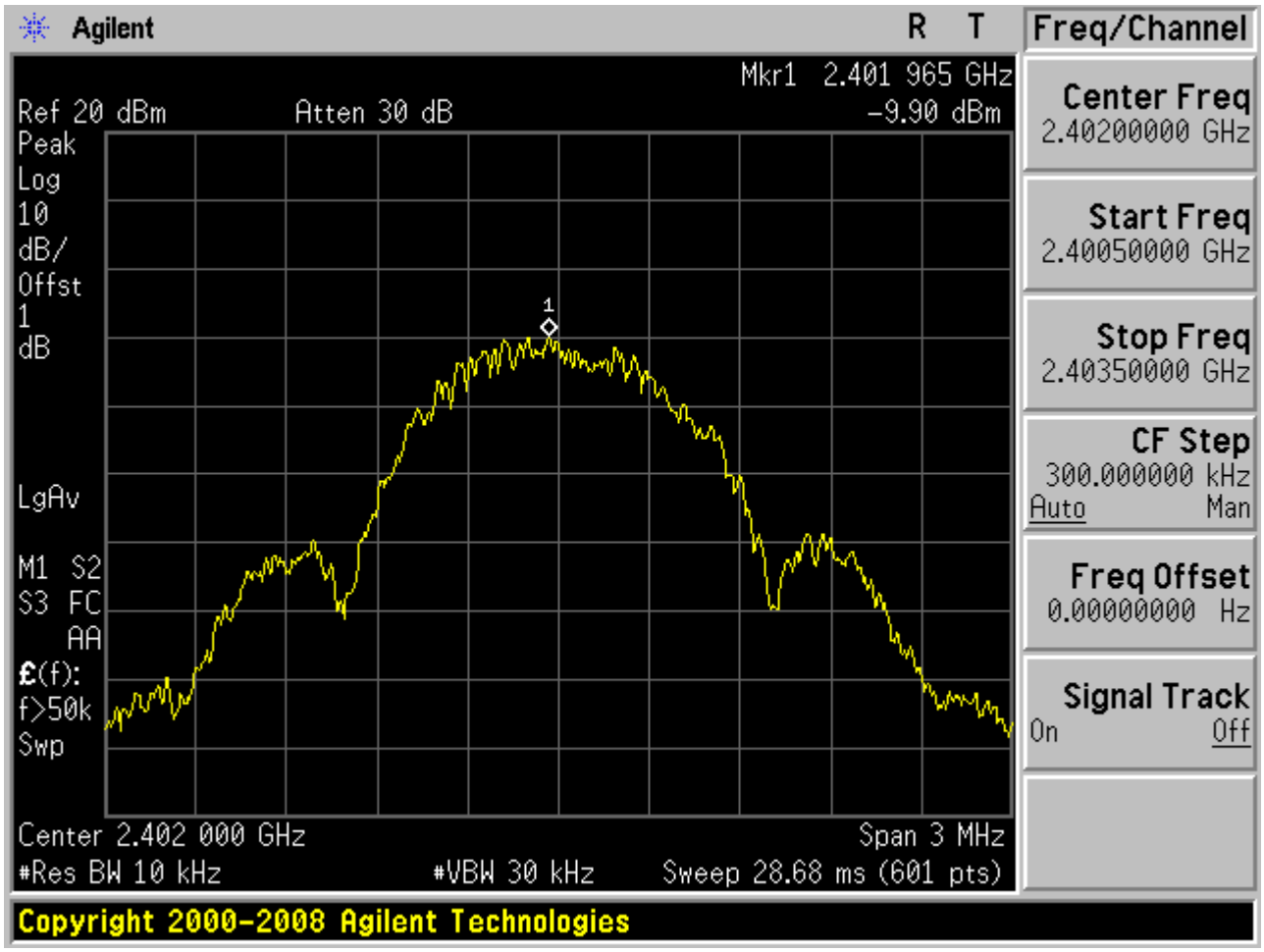
Appendix C: Maximum Power Spectral Density Level

1 Result Table

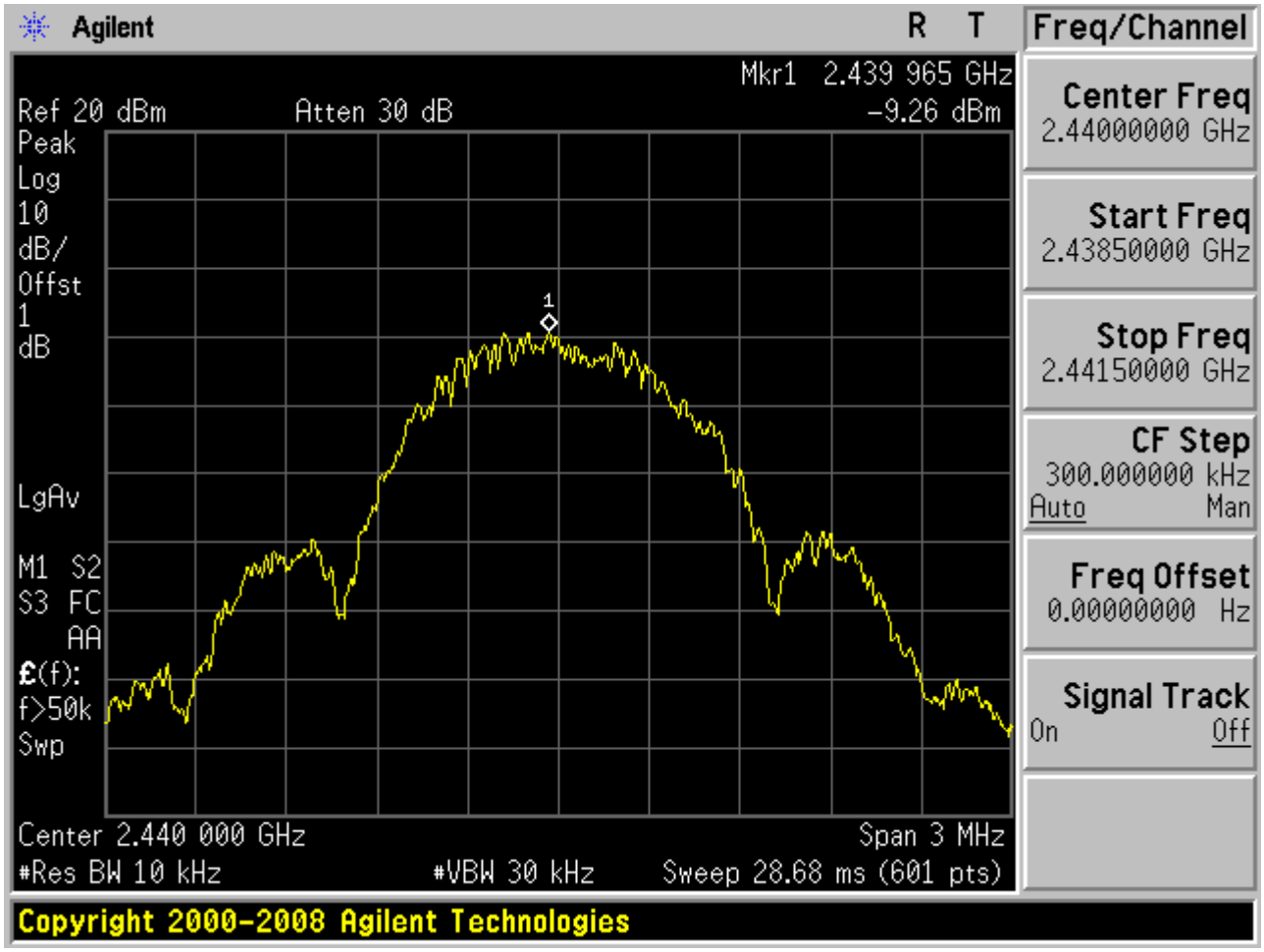
EUT Conf.	Max. Power Spectral Density Level [dBm]	Verdict
TM1_DH5_Ch0	-9.90	Pass
TM1_DH5_Ch19	-9.26	Pass
TM1_DH5_Ch39	-9.18	Pass

2 Test Plot

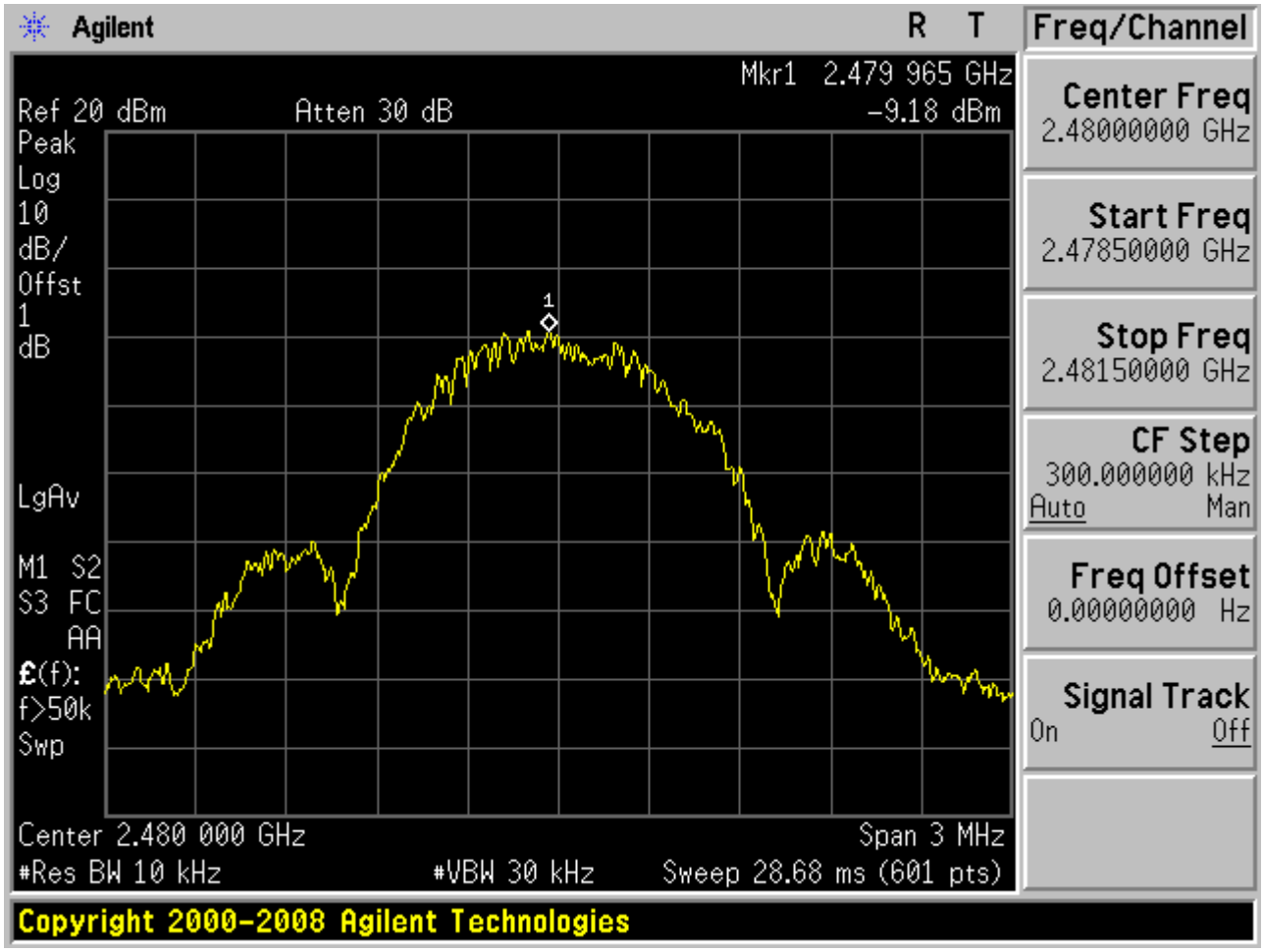
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



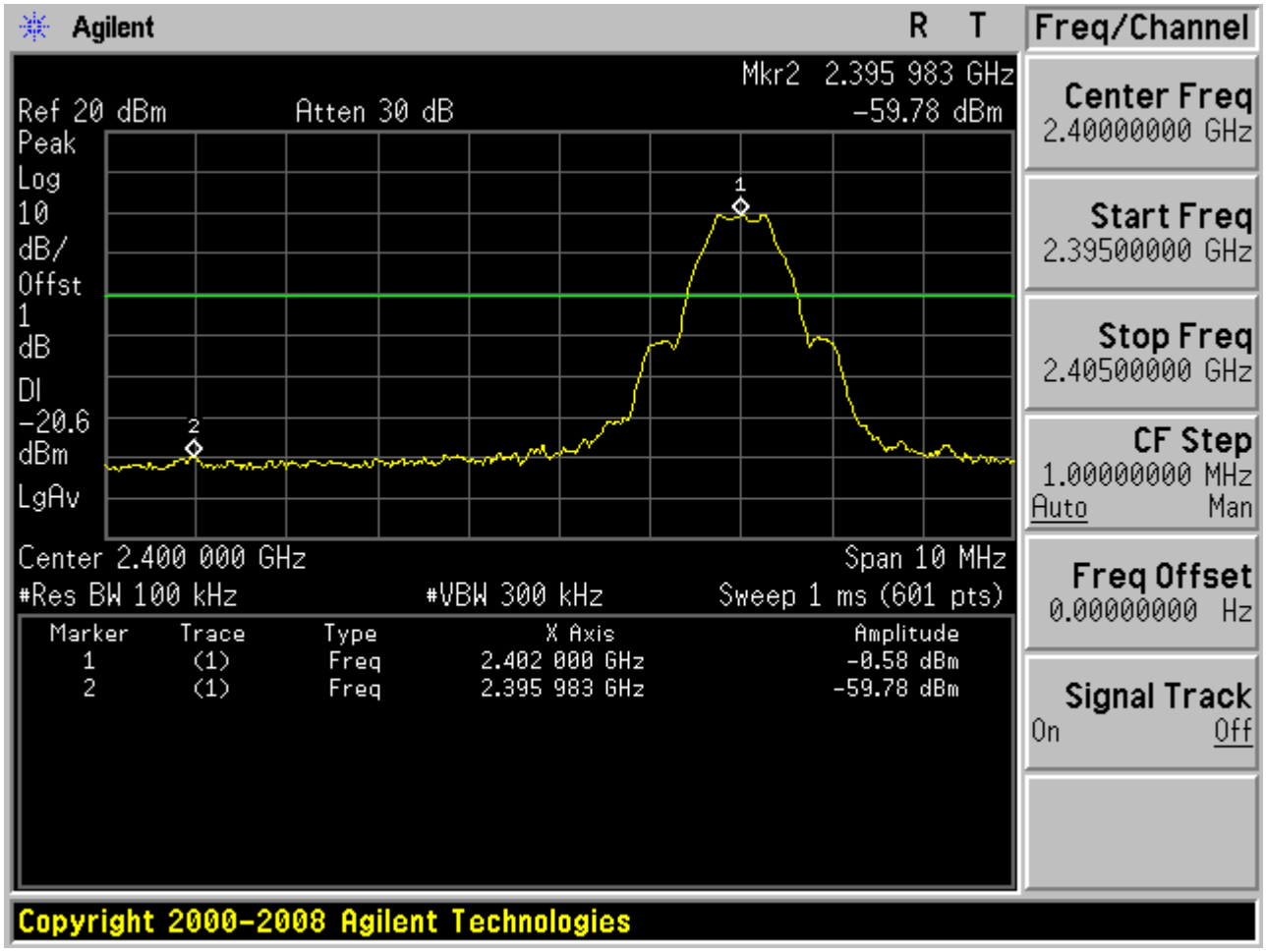
Appendix D: Band edge spurious emission

3 Result Table

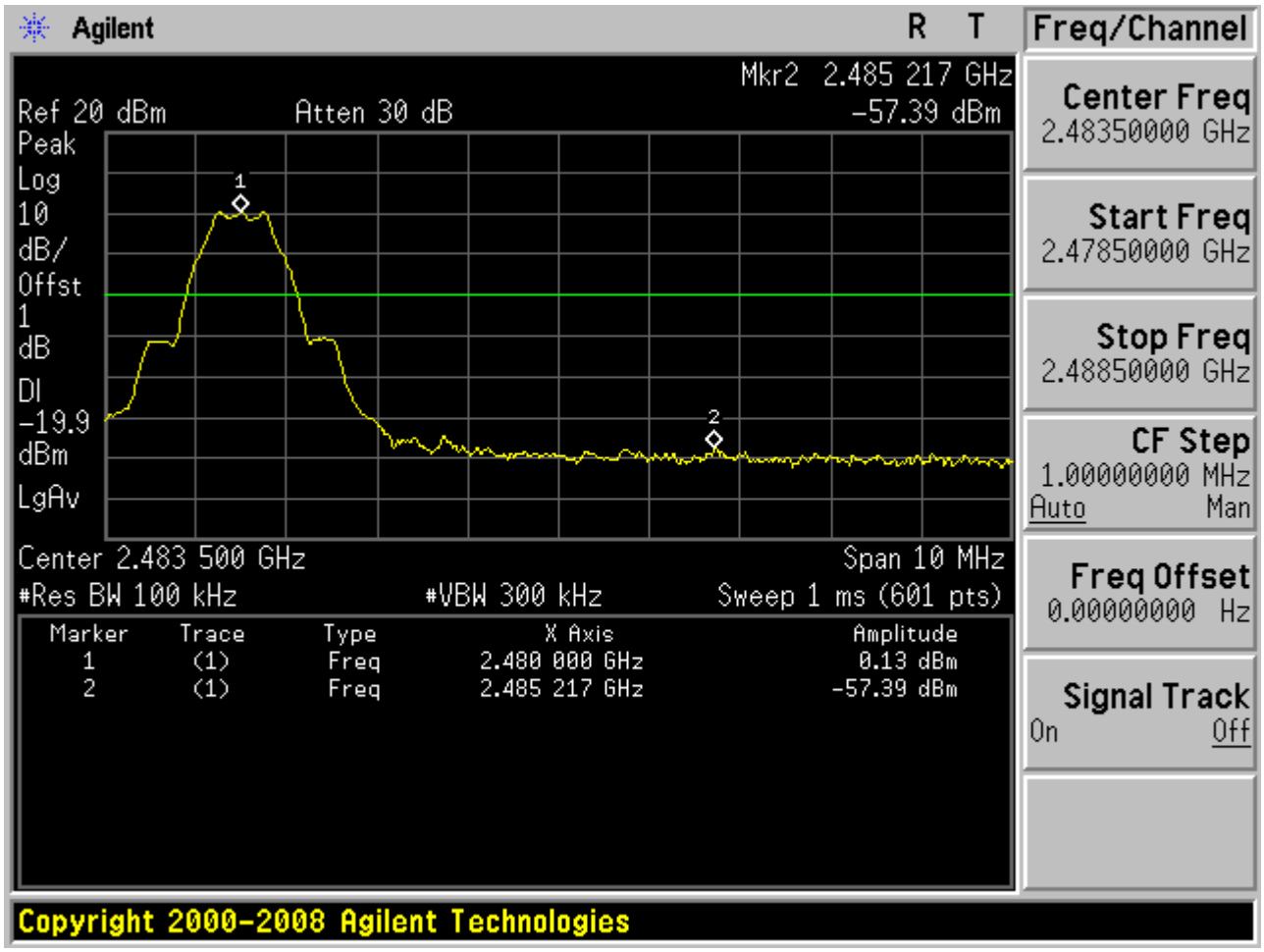
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max. Spurious Level [dBm]	Limit [dBm]	Result
TM1_DH5_Ch0	0	2402	-0.58	Off	-59.78	-20.58	Pass
TM1_DH5_Ch39	39	2480	0.13	Off	-57.39	-19.87	Pass

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” 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.

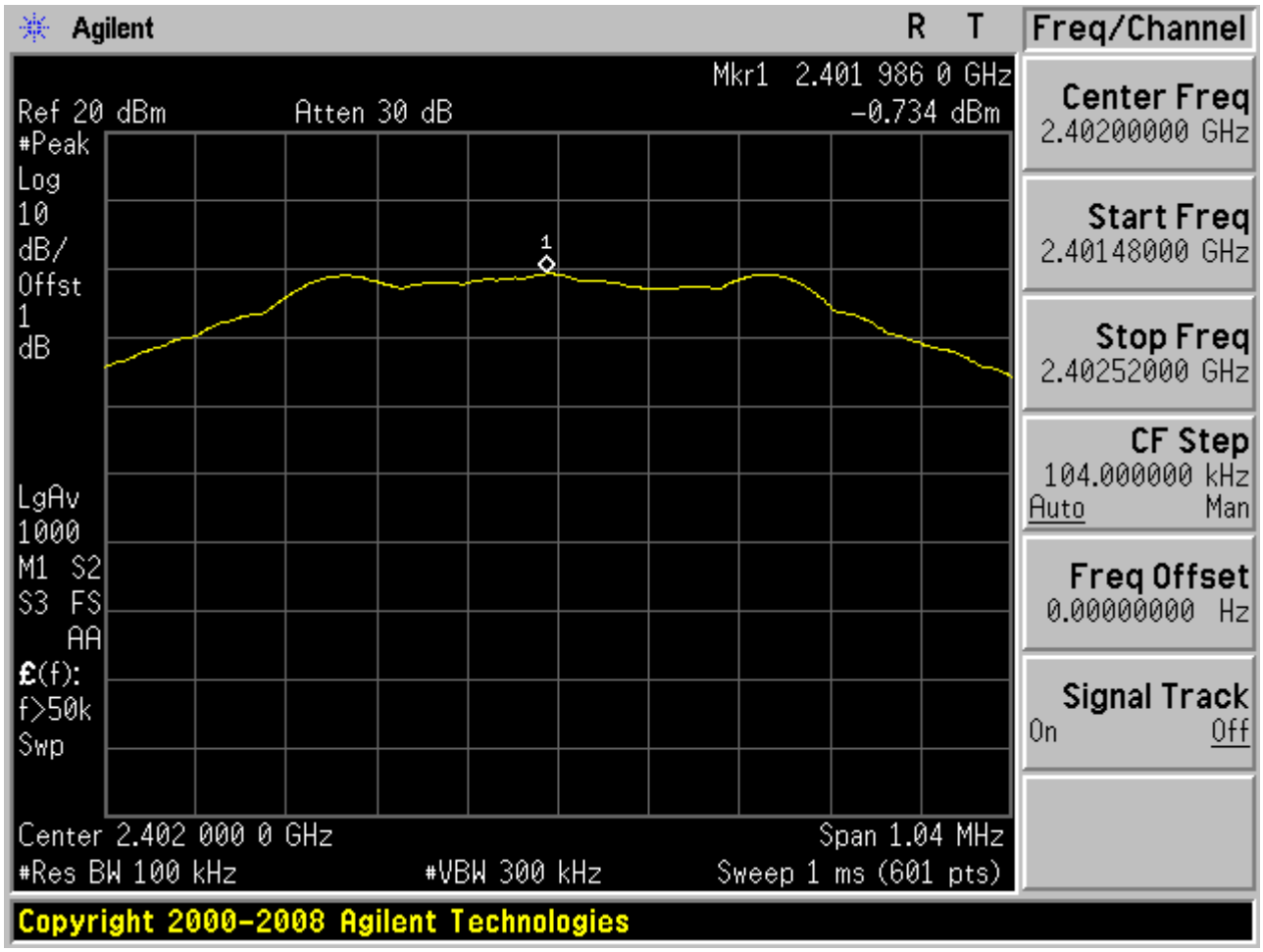
In the result table, the “< Limit” denotes that “The Puw [dBm] is less than Pref [dBm] - 20 [dB], see test plots for detailed”.

EUT Conf.	Pref [dBm/100 kHz]	Puw [dBm/100 kHz]	Verdict
TM1_DH5_Ch0	-0.73	< Limit	Pass
TM1_DH5_Ch39	-0.12	< Limit	Pass
TM1_DH5_Ch78	-0.03	< Limit	Pass

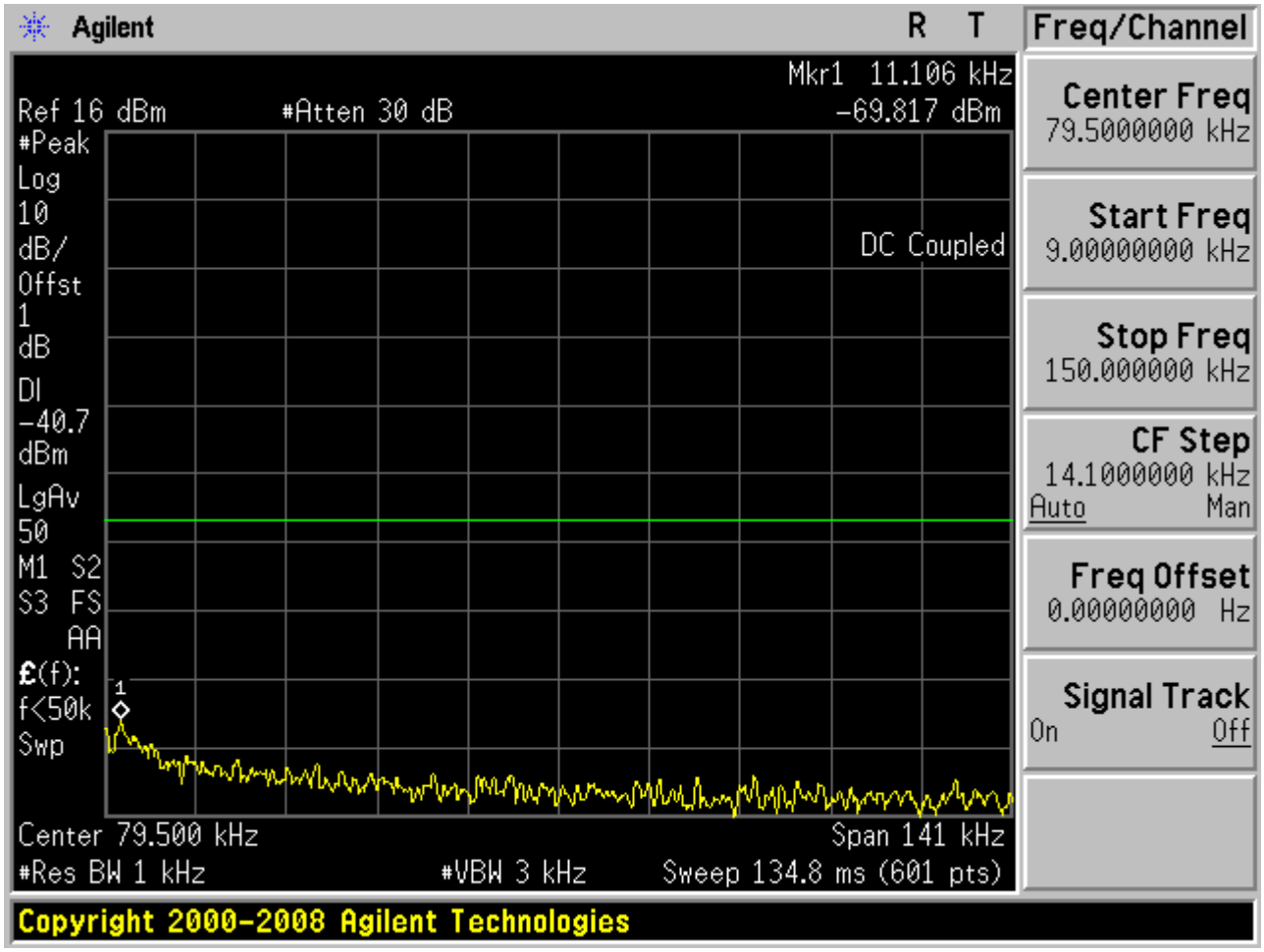
2 Test Plot

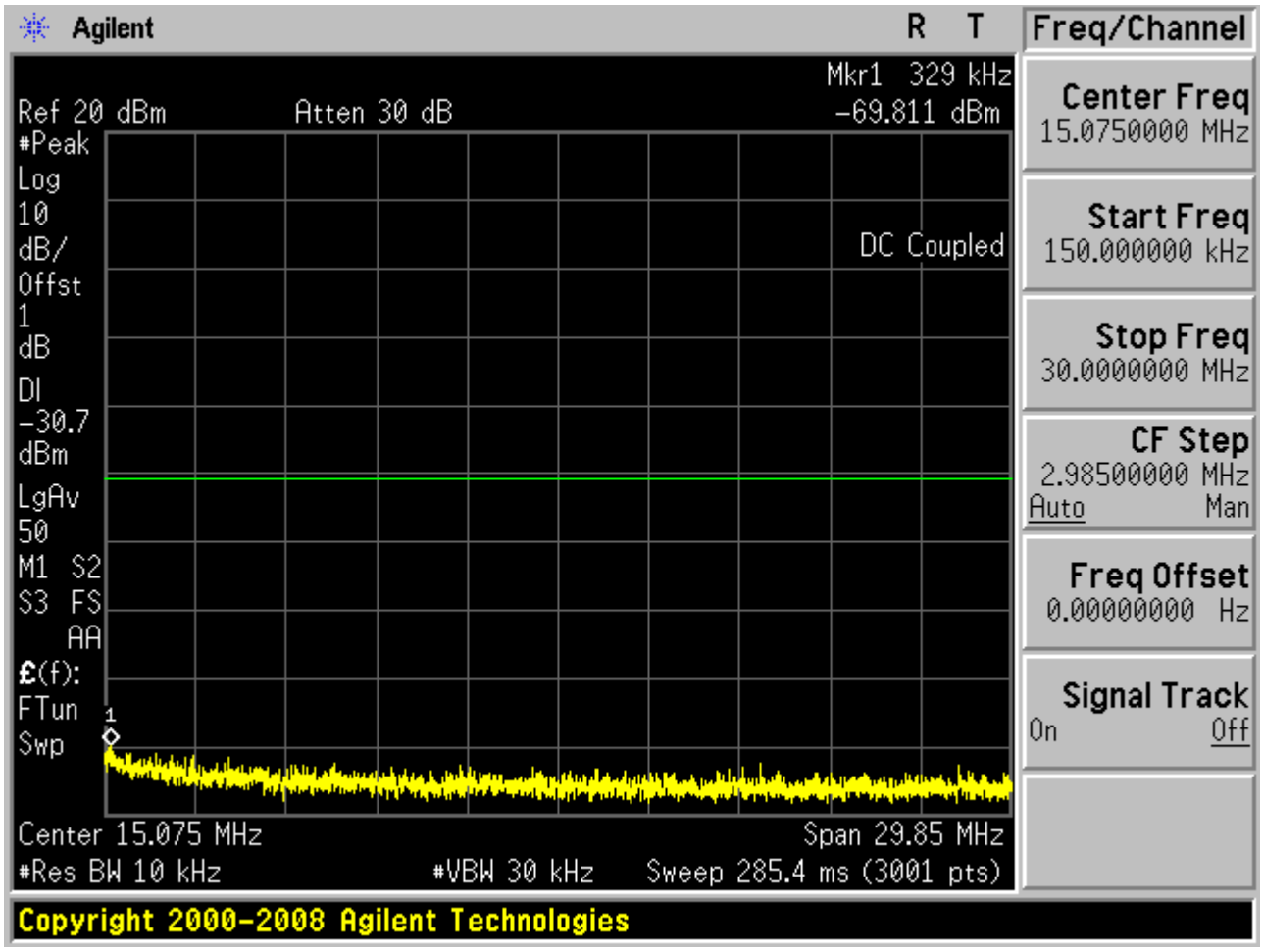
2.1 TM1_DH5_Ch0

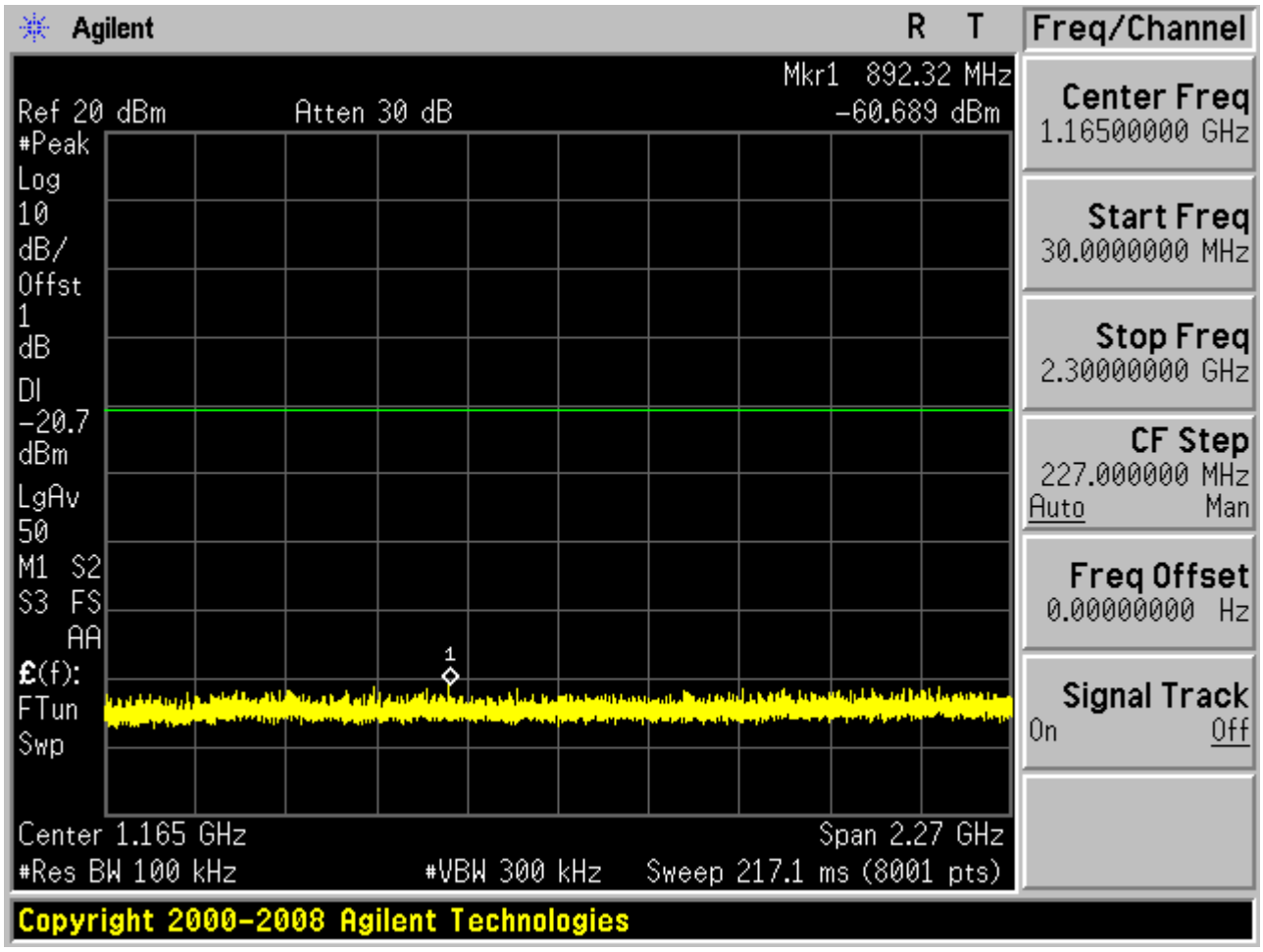
2.1.1 Pref

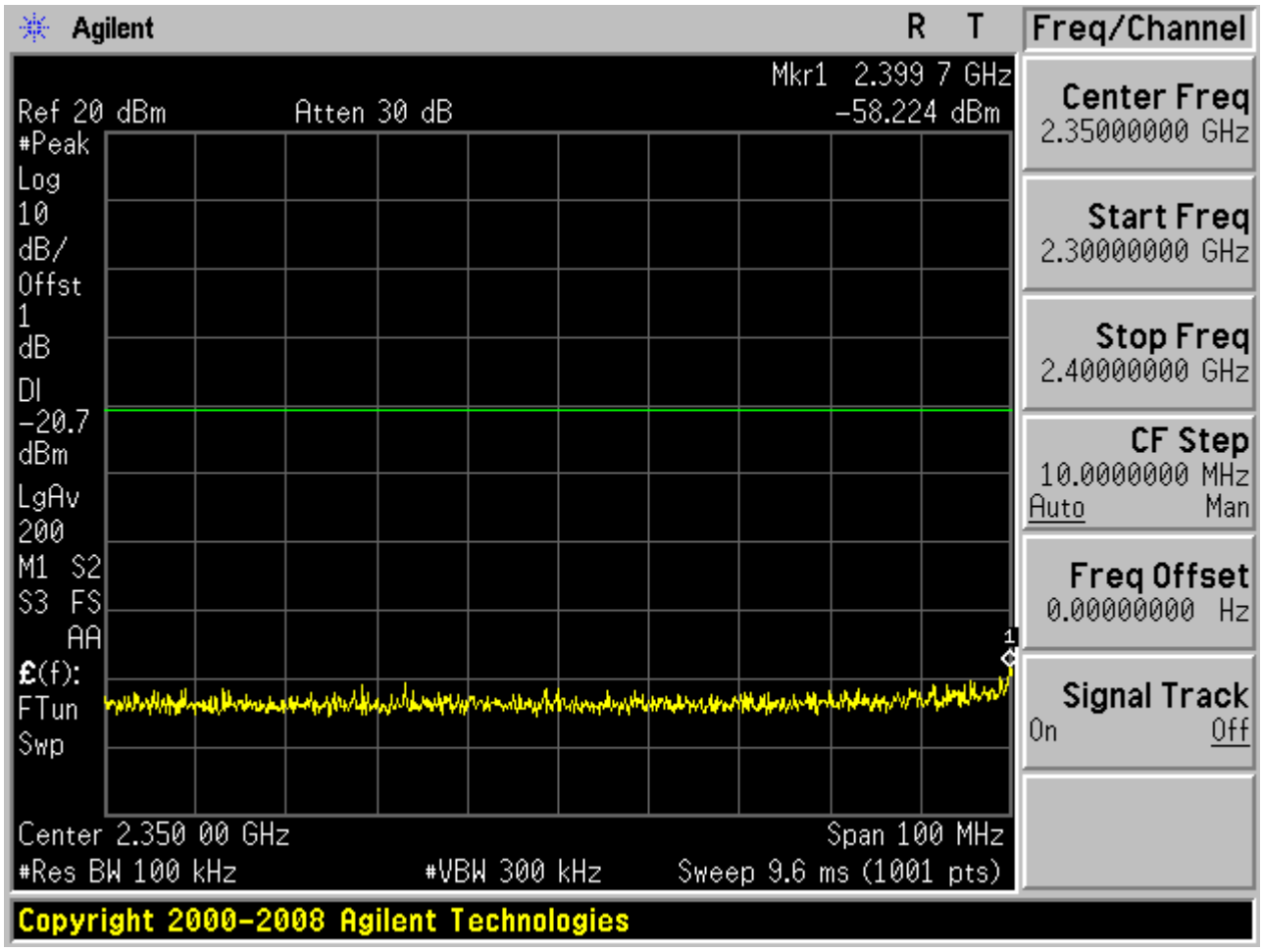


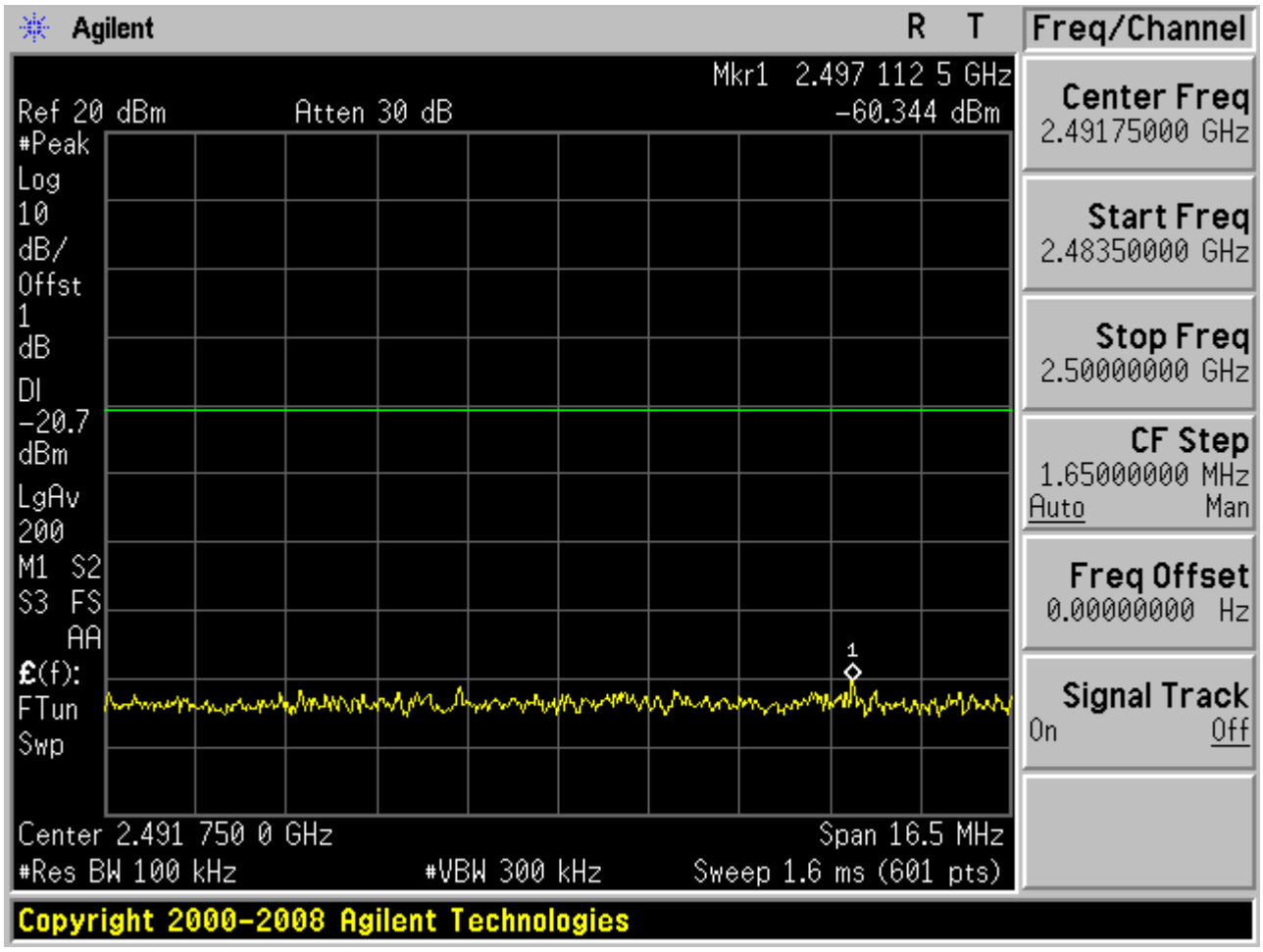
2.1.2 Puw

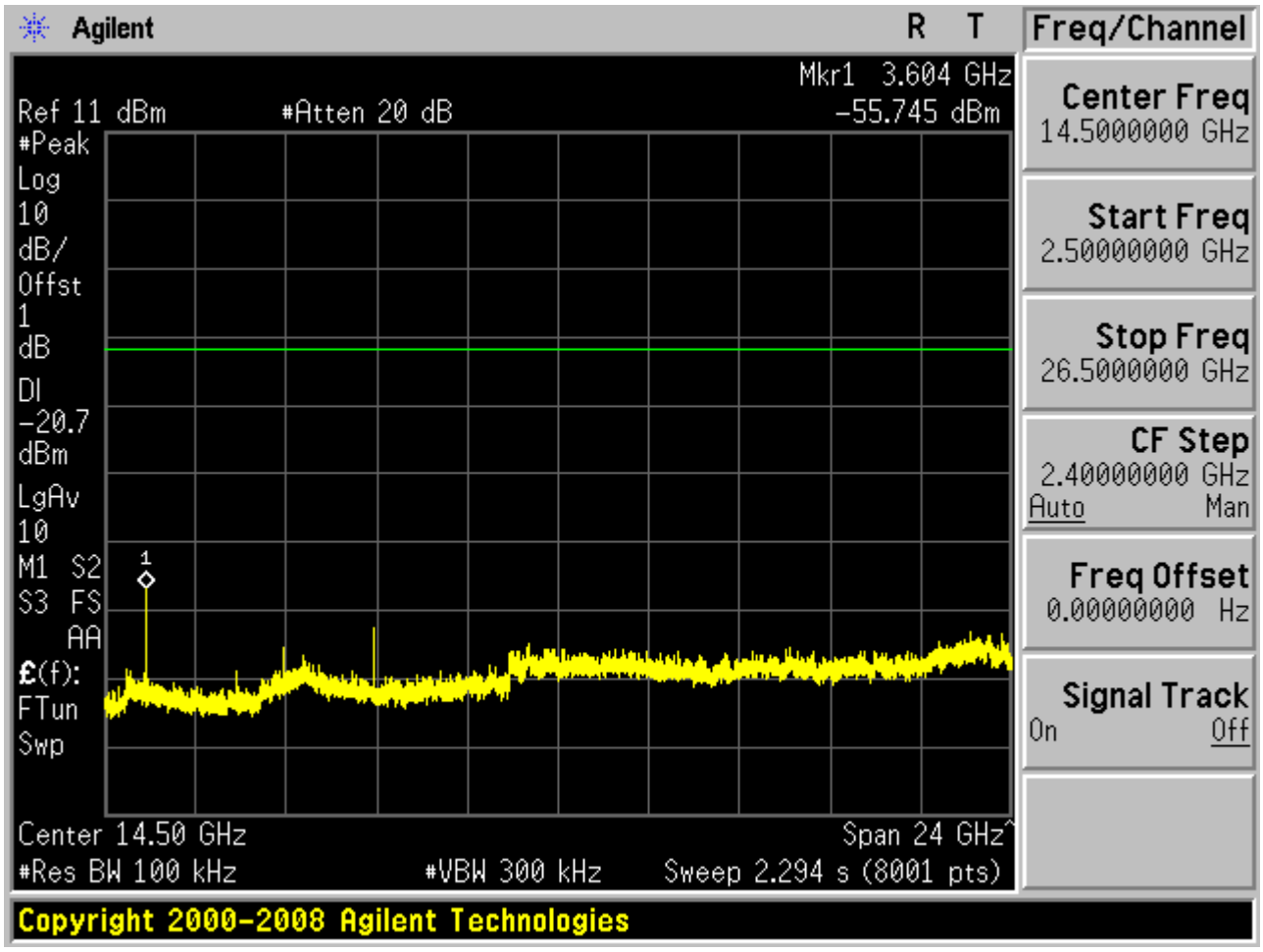






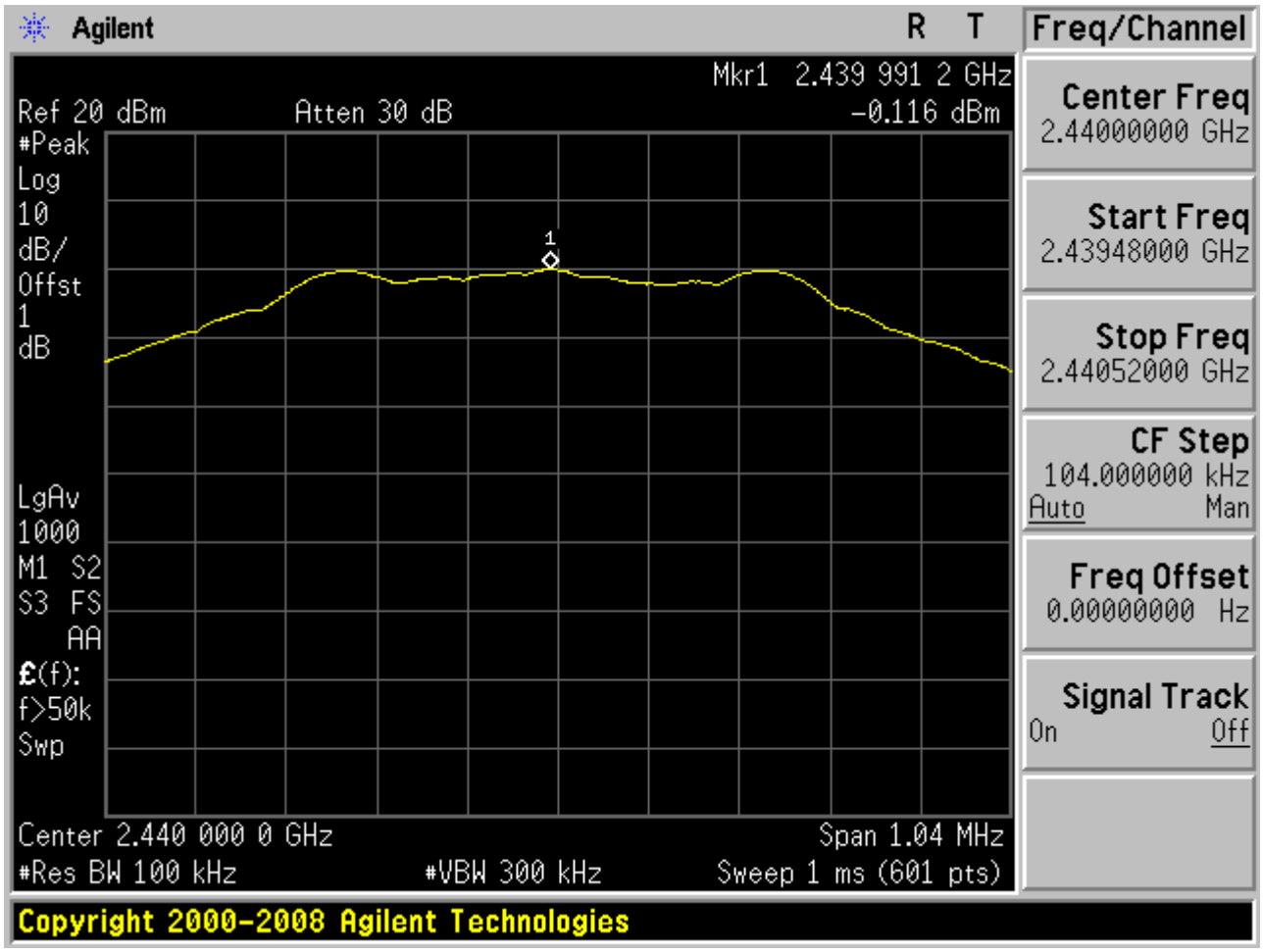




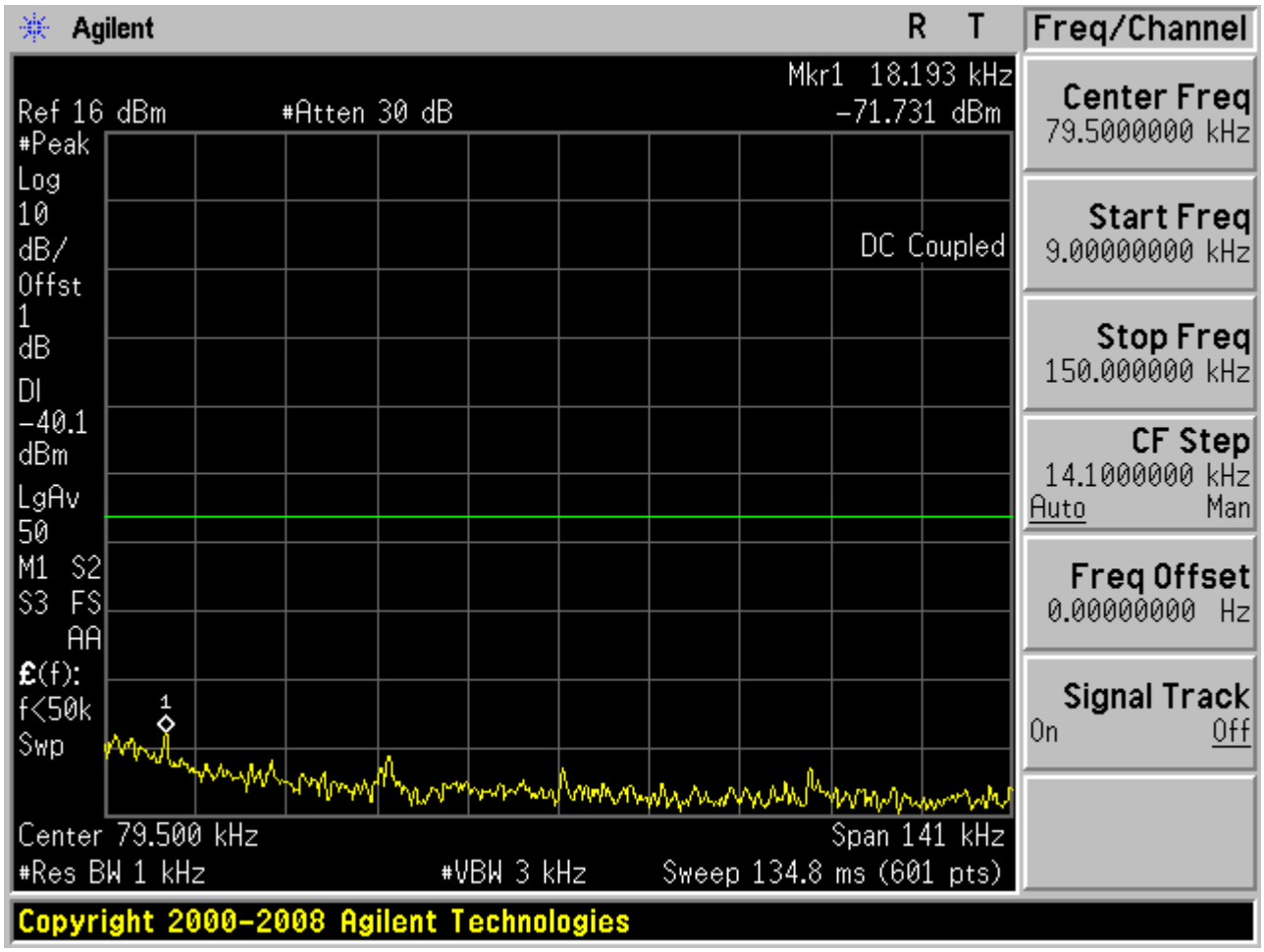


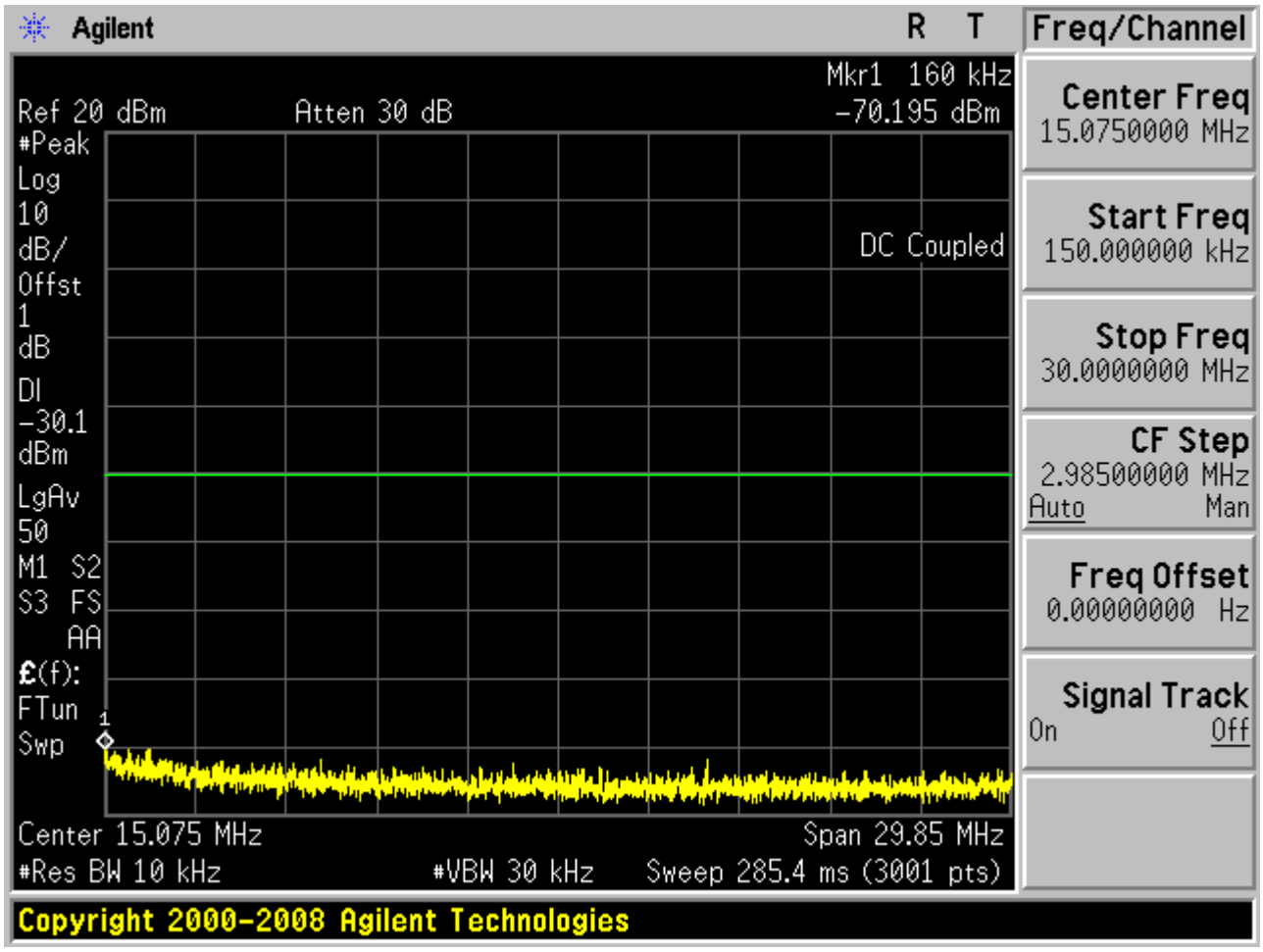
2.2 TM1_DH5_Ch19

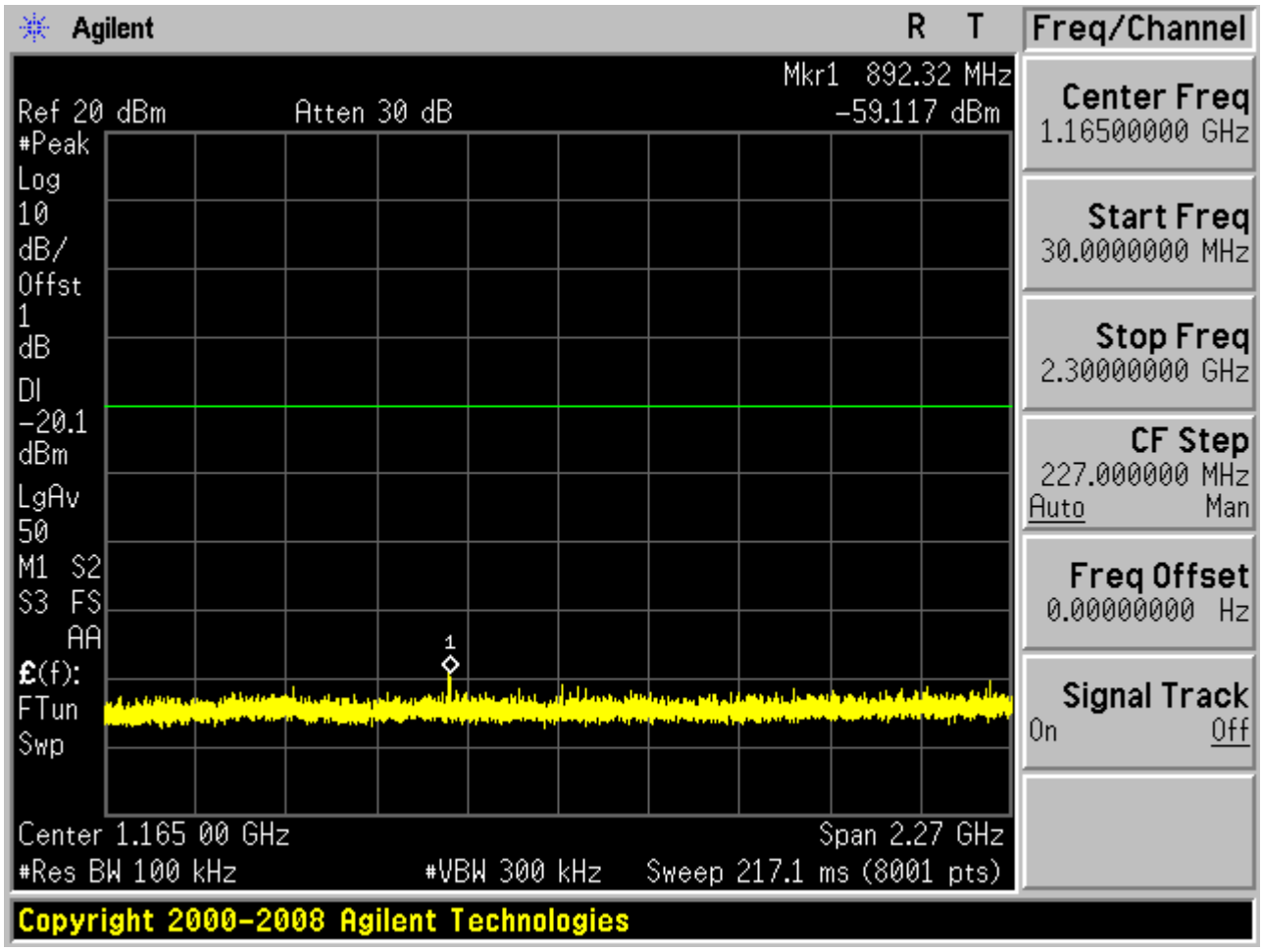
2.2.1 Pref

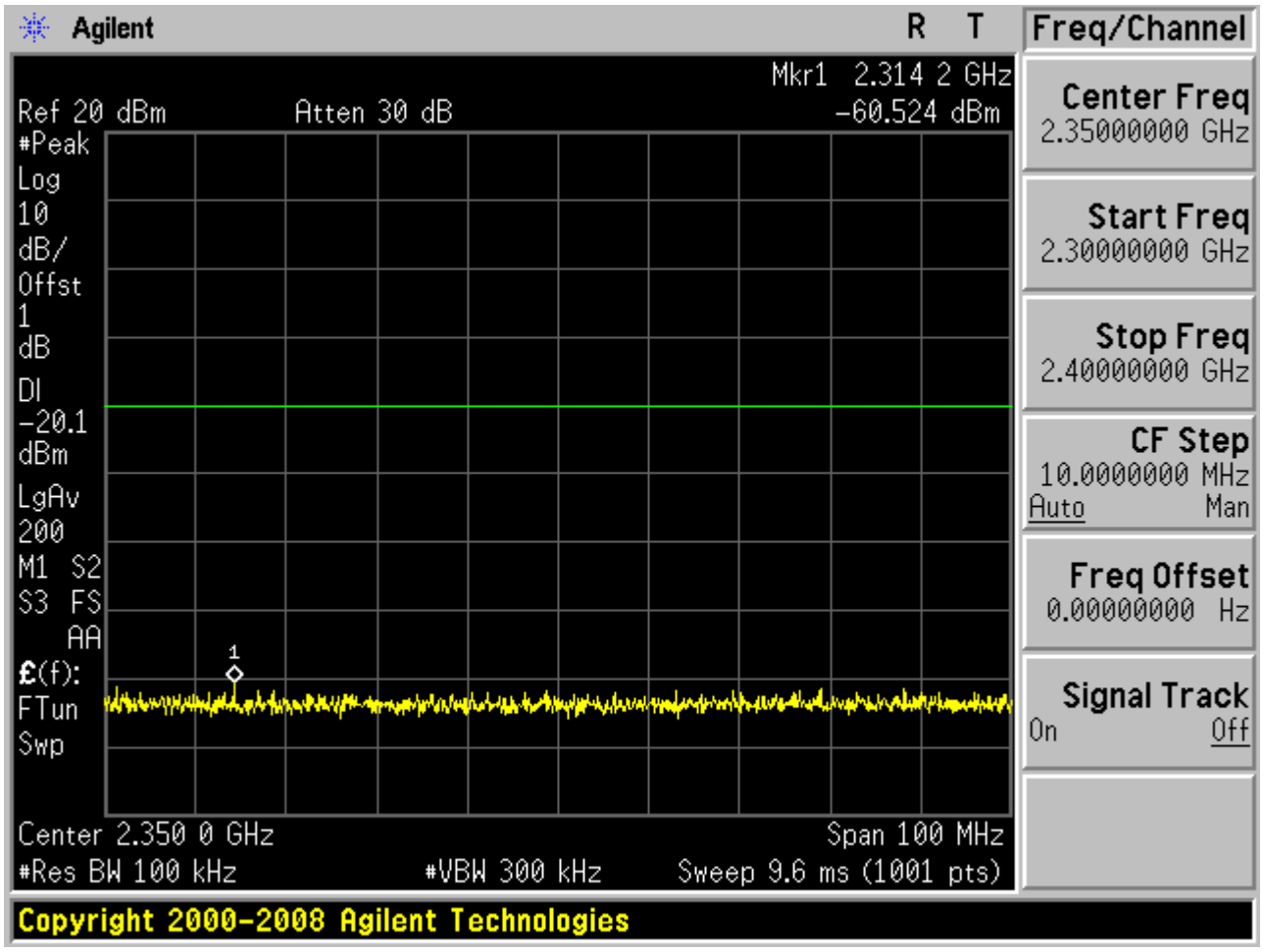


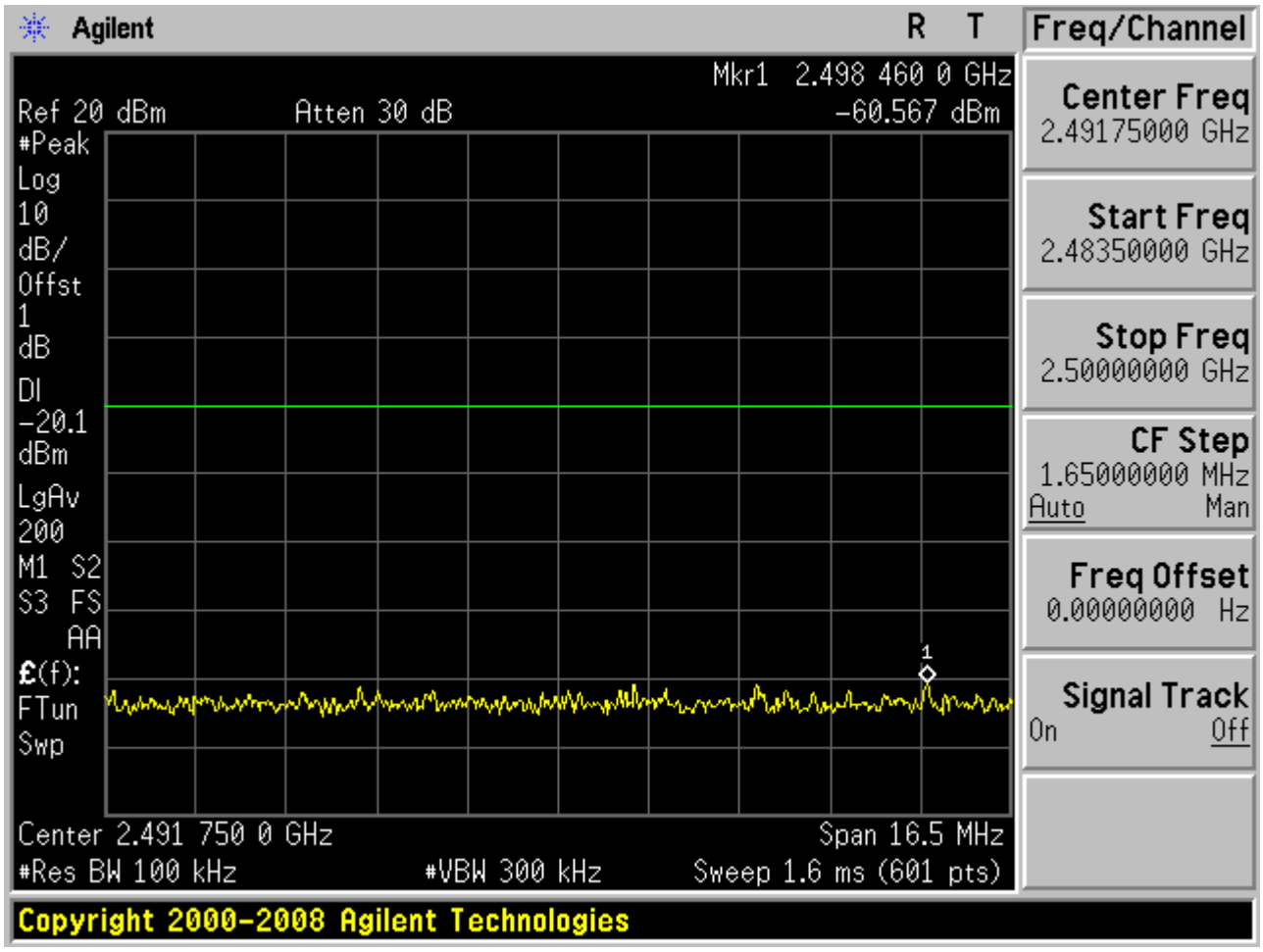
2.2.2 Puw

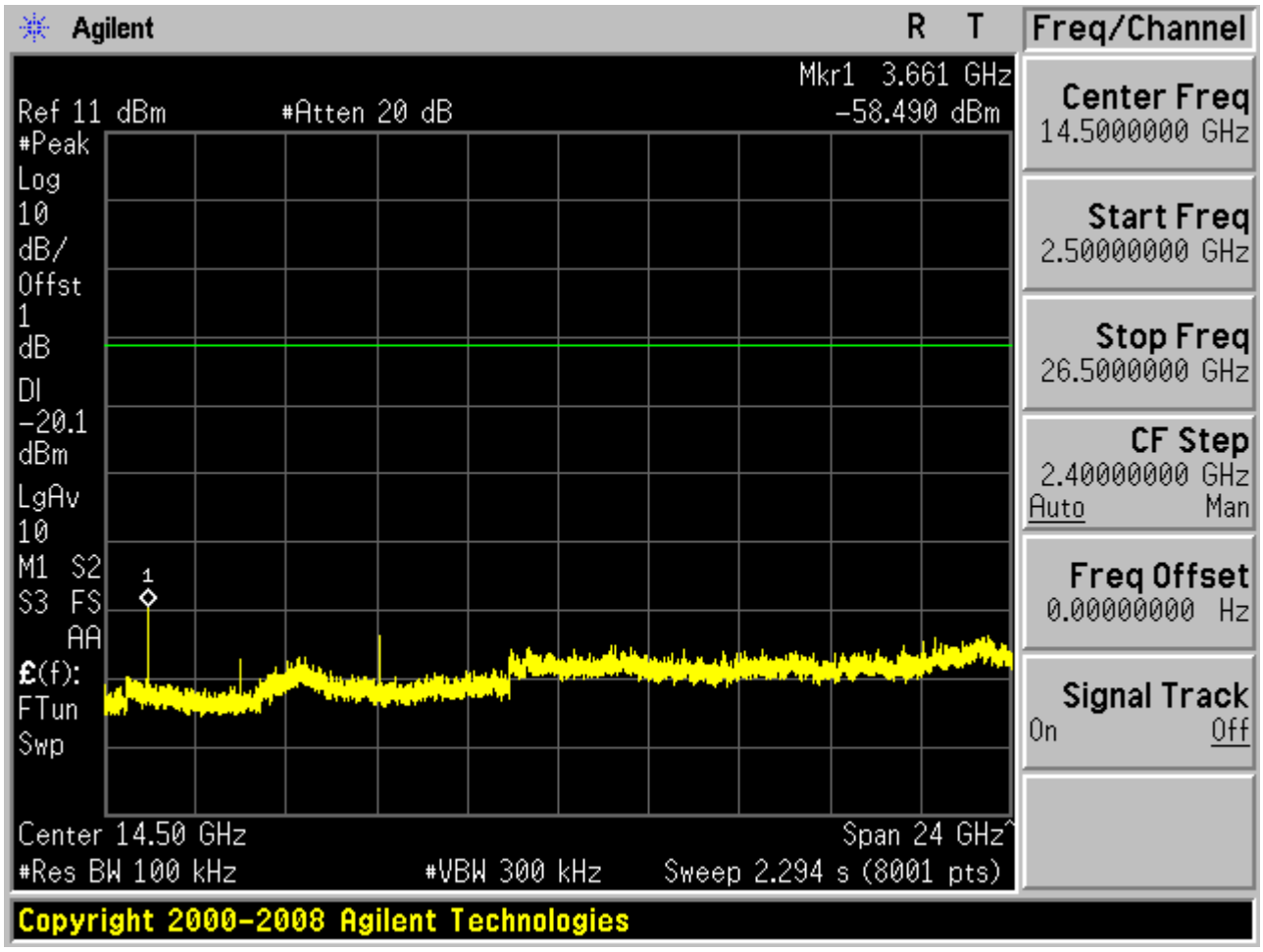






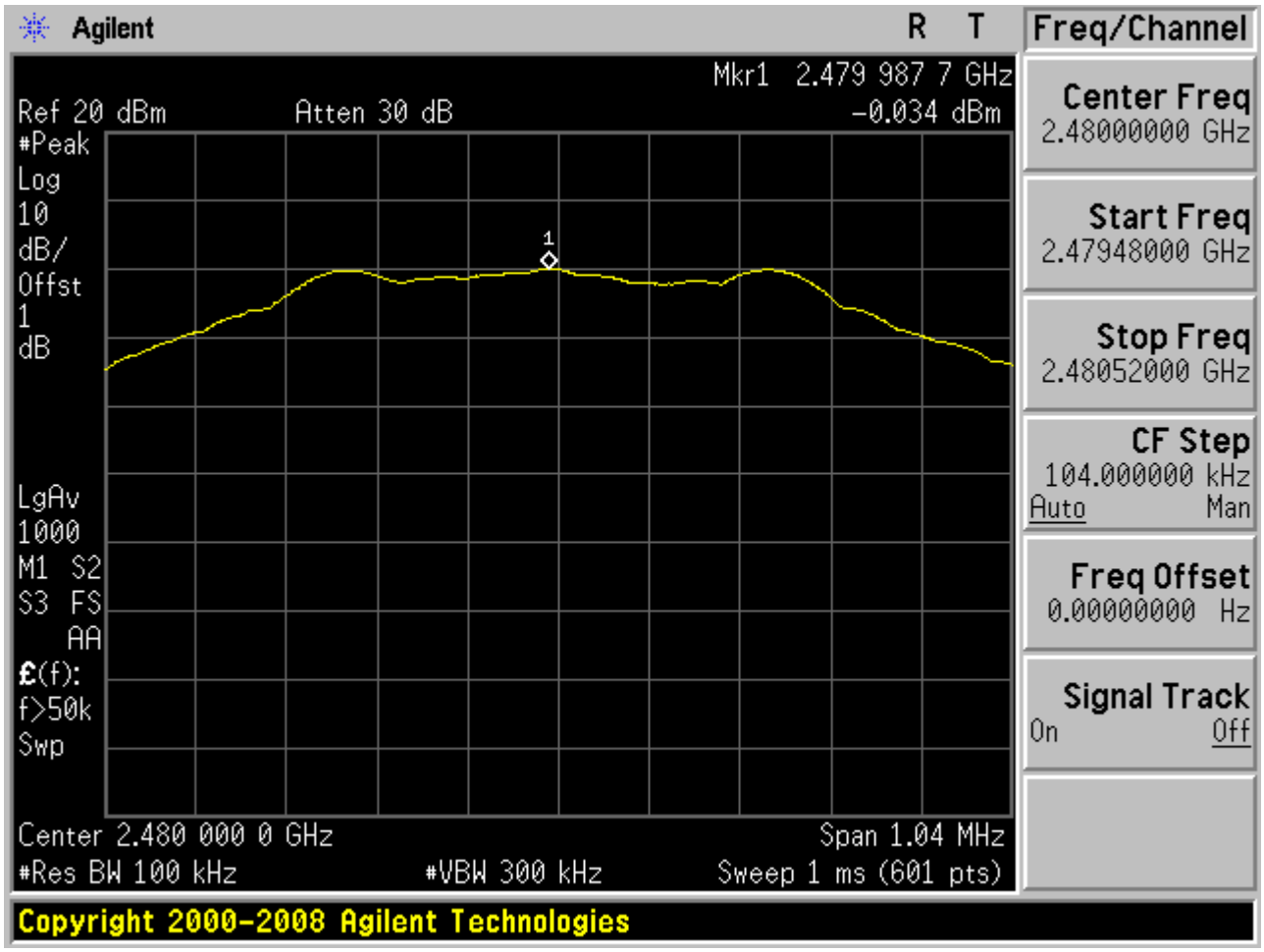




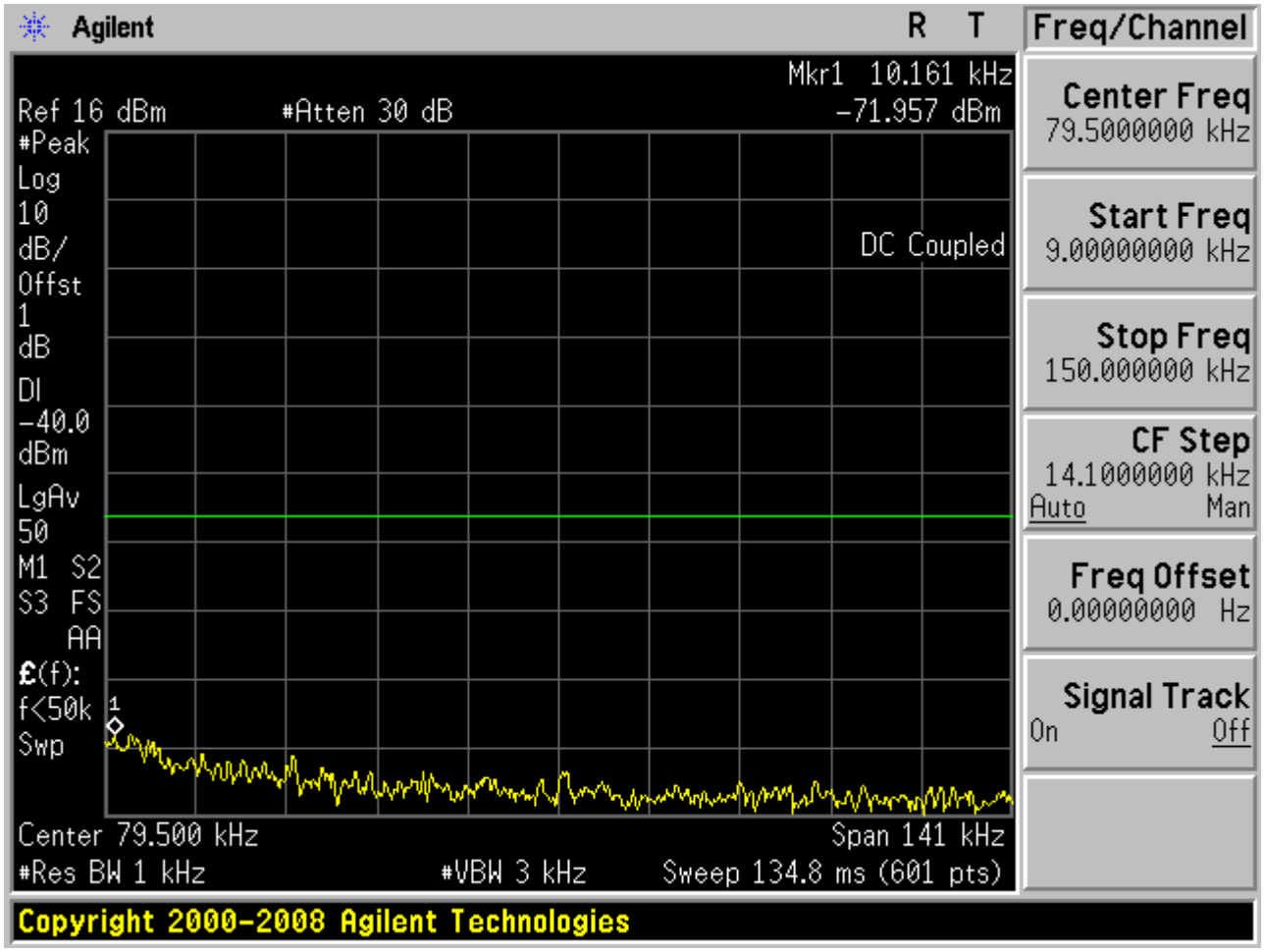


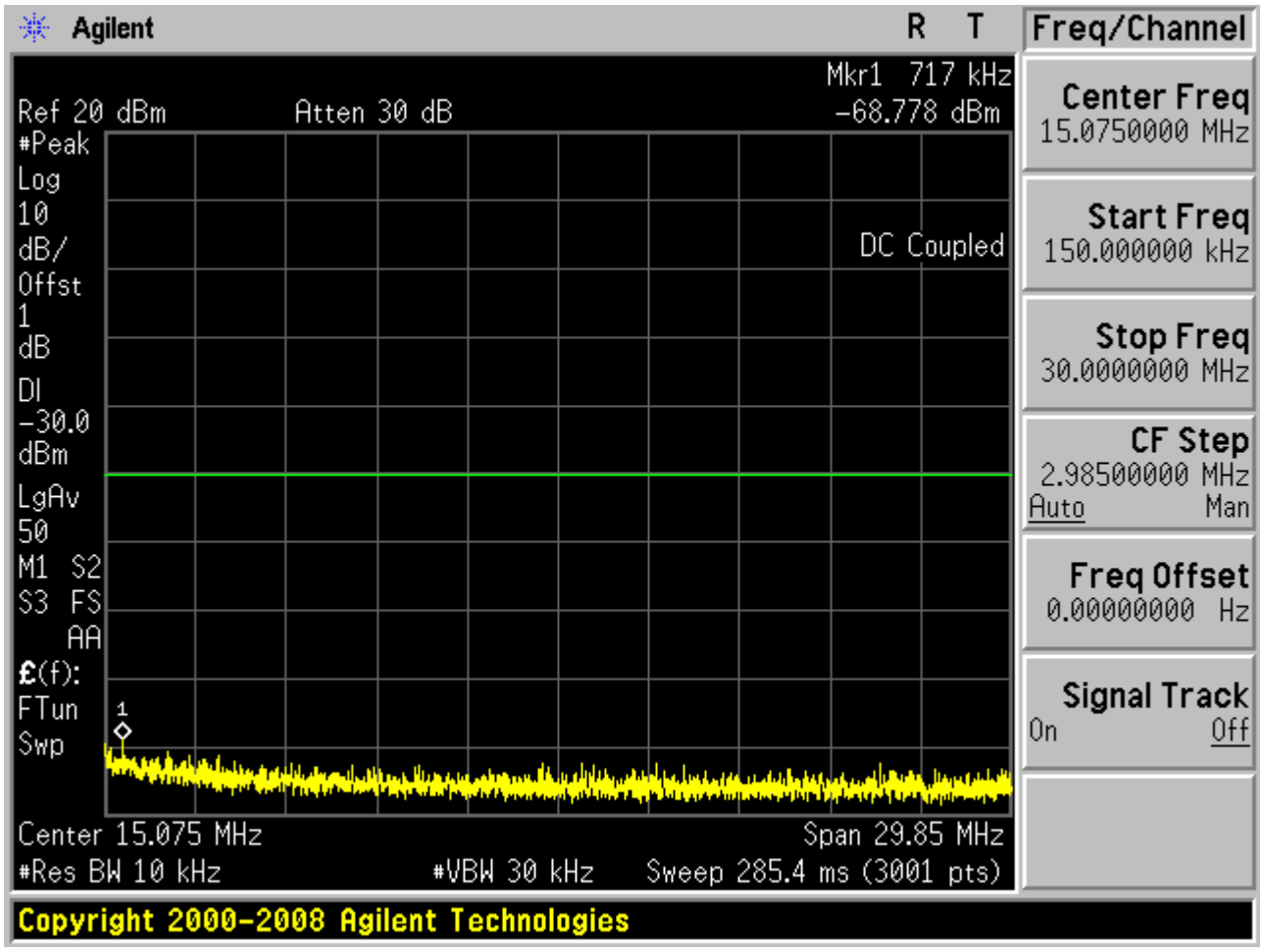
2.3 TM1_DH5_Ch39

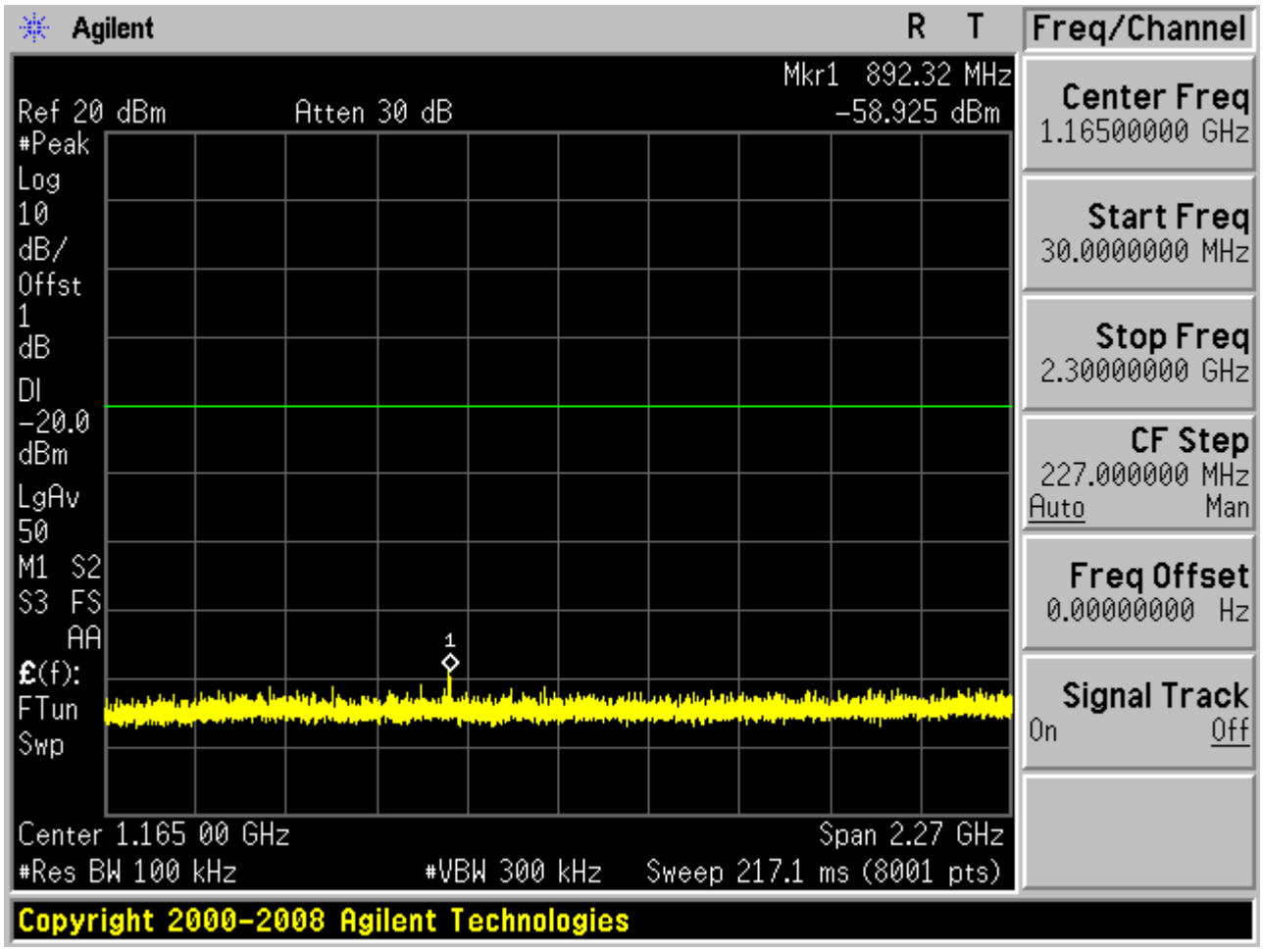
2.3.1 Pref

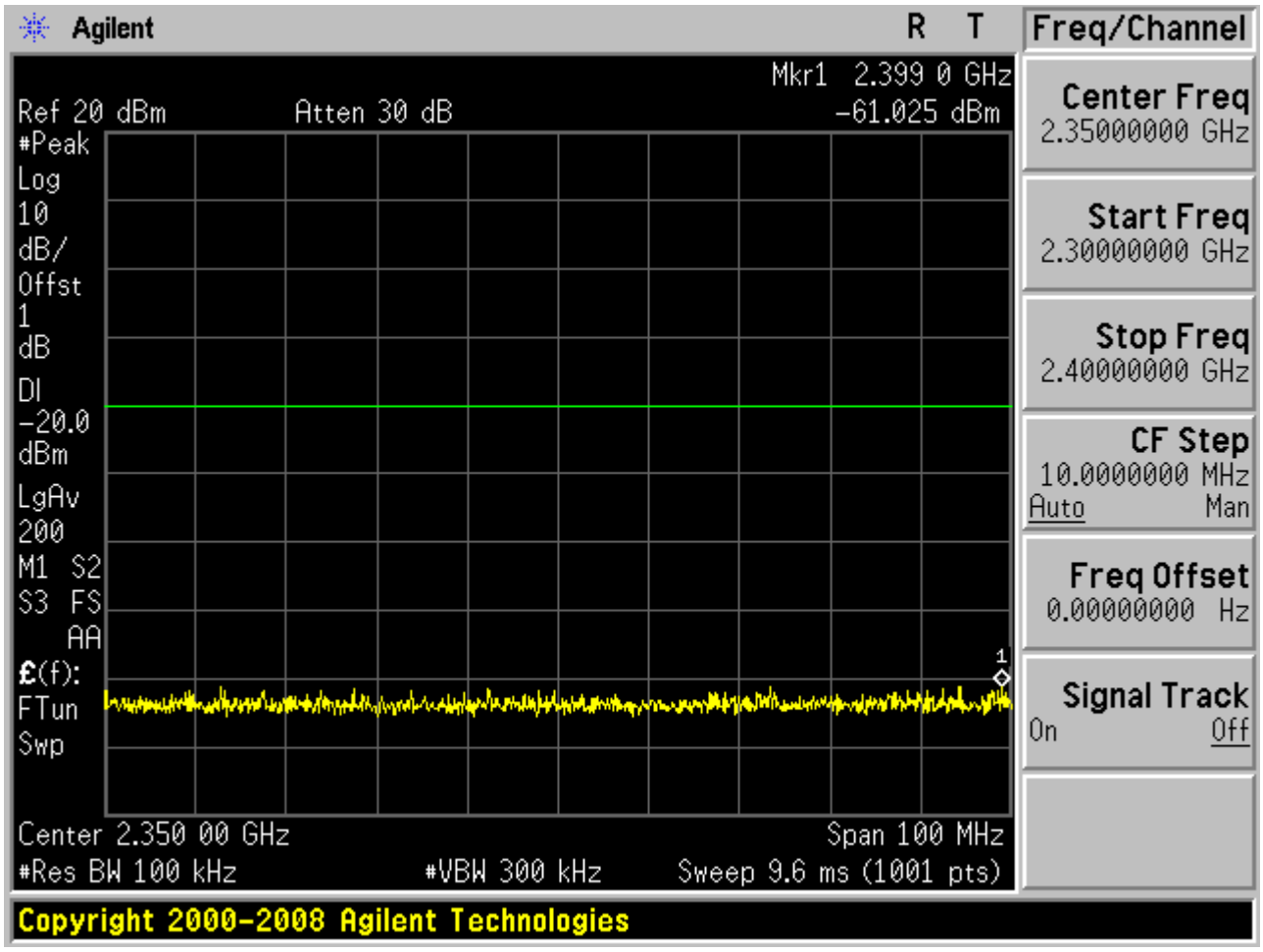


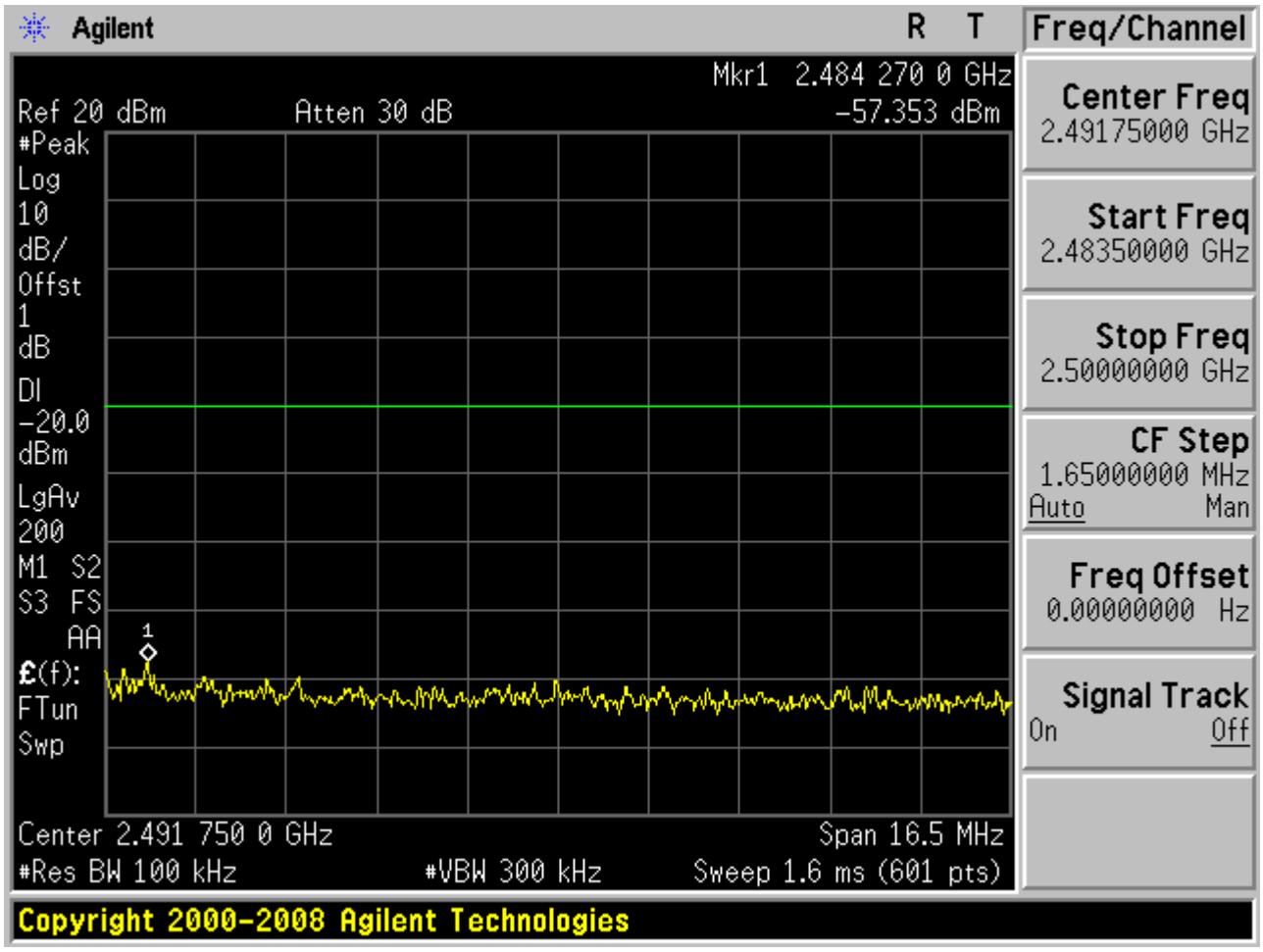
2.3.2 Puw

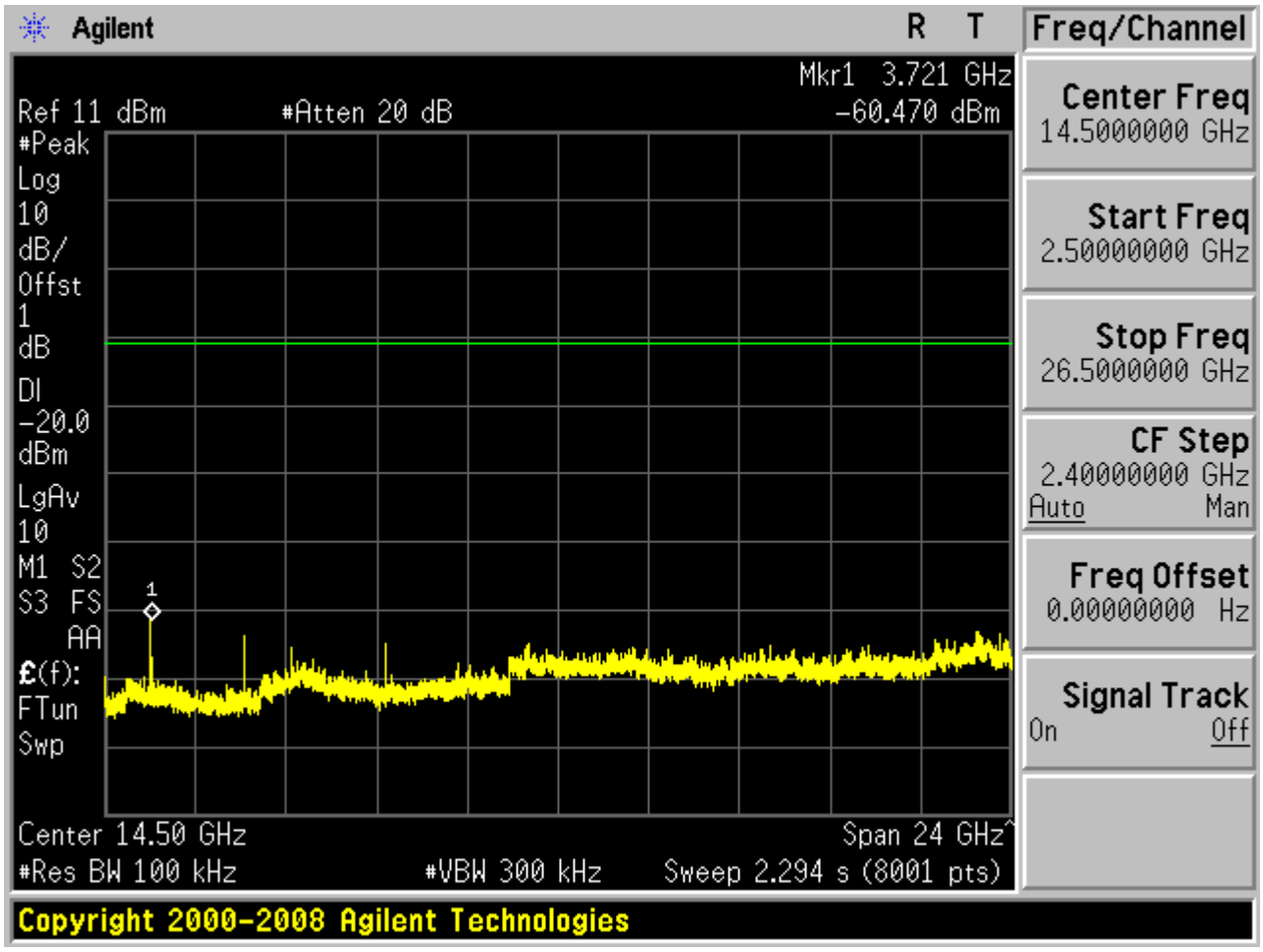










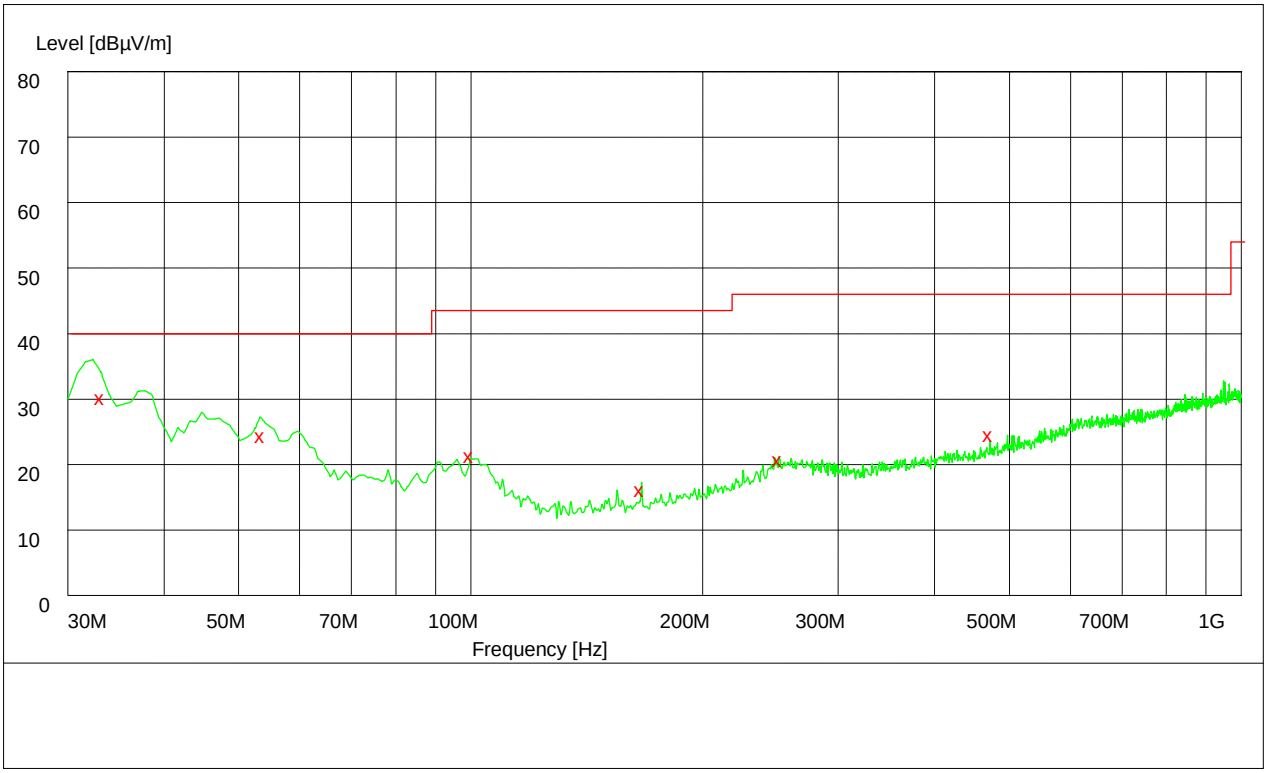


Appendix F: Radiated spurious emission

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

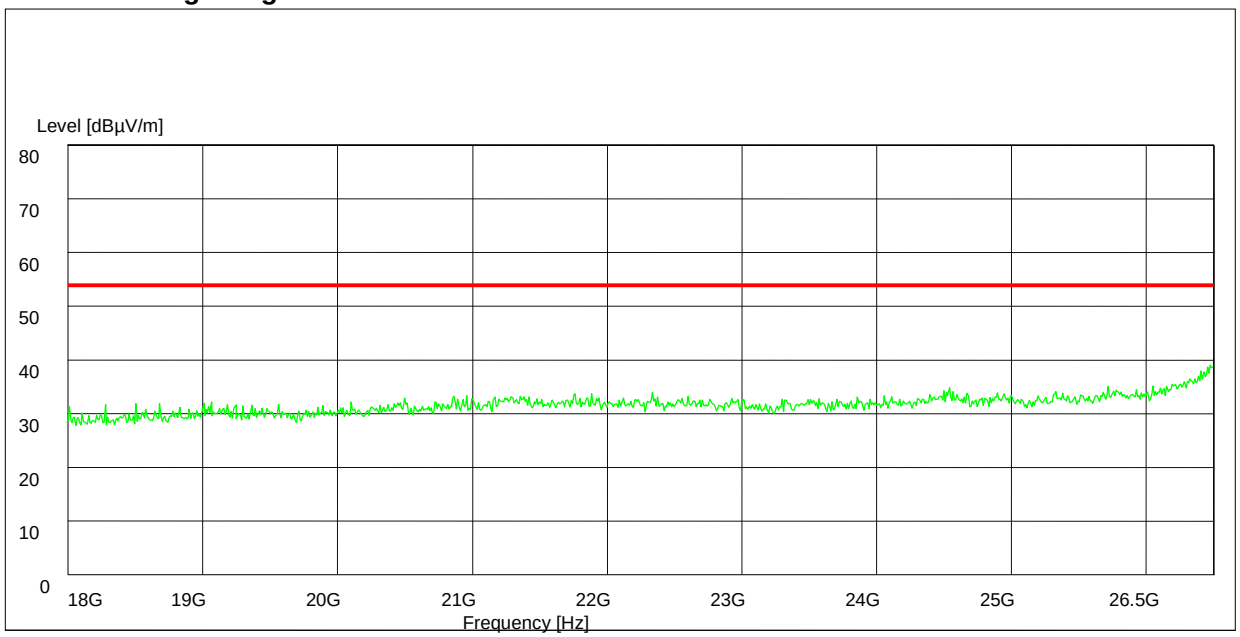
Note 1: The test results and plot for testing range of "30 MHz to 1 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

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
33.180000	31.60	14.2	40.0	8.4	100.0	103.00	VERTICAL
53.700000	25.80	14.6	40.0	14.2	102.0	127.00	VERTICAL
100.020000	22.70	13.3	43.5	20.8	102.0	176.00	VERTICAL
166.680000	17.60	10.5	43.5	25.9	113.0	355.00	VERTICAL
251.700000	22.10	14.0	46.0	23.9	111.0	166.00	HORIZONTAL
473.220000	26.00	18.7	46.0	20.0	118.0	4.00	VERTICAL

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"

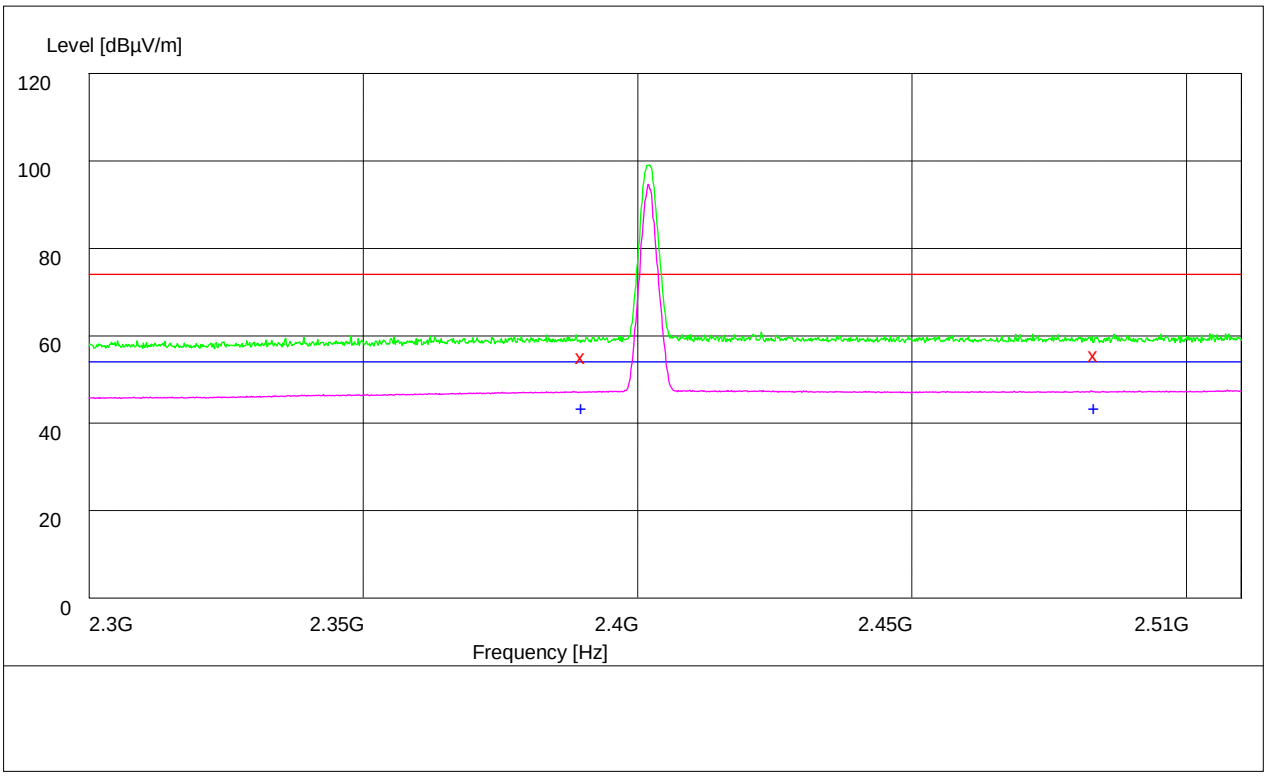
Note 1: The testing range of "2.3 GHz to 2.5 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.

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.

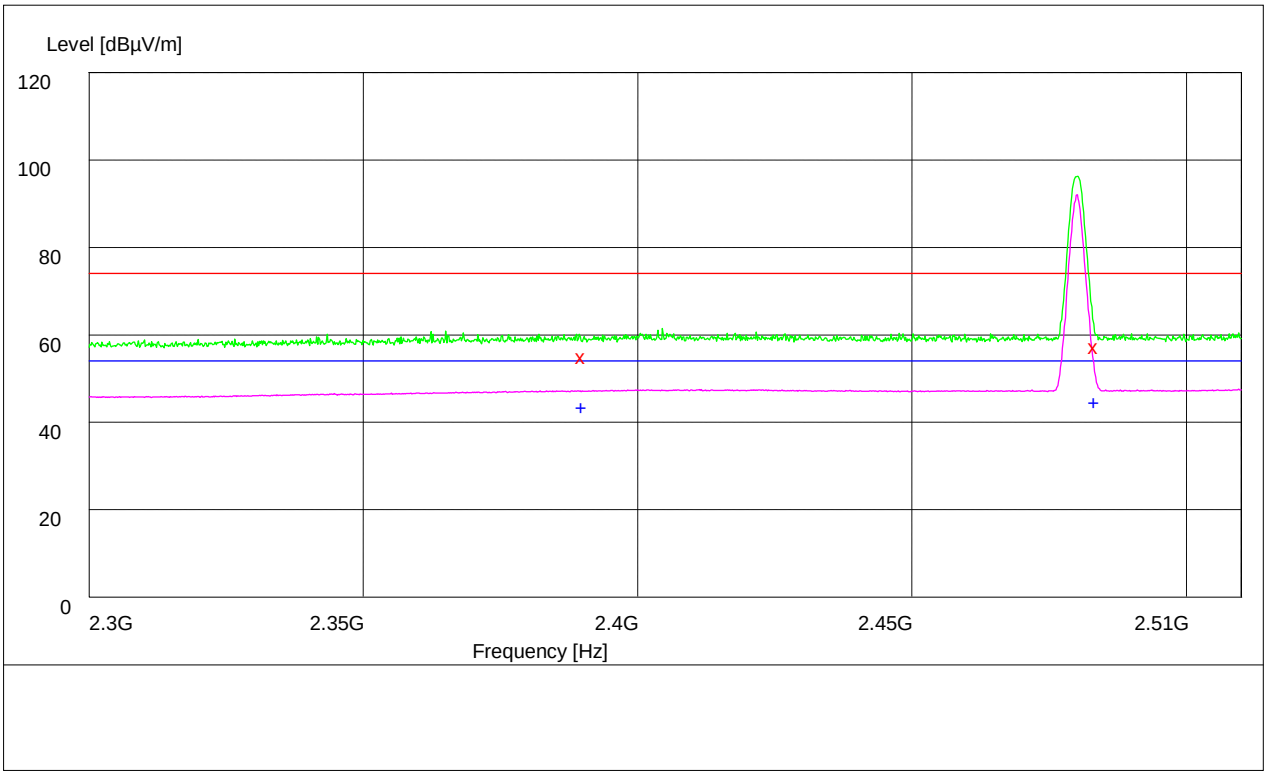
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.30	34.7	74.0	16.7	100.0	0.00	HORIZONTAL
2483.500000	57.70	35.0	74.0	16.3	170.0	202.00	HORIZONTAL

MEASUREMENT RESULT: AVDetector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.60	34.7	54.0	8.4	188.0	57.00	VERTICAL
2483.500000	45.60	35.0	54.0	8.4	143.0	90.00	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	57.10	34.7	74.0	16.9	106.0	204.00	HORIZONTAL
2483.500000	59.30	35.0	74.0	14.7	100.0	46.00	VERTICAL

MEASUREMENT RESULT: AV Detector

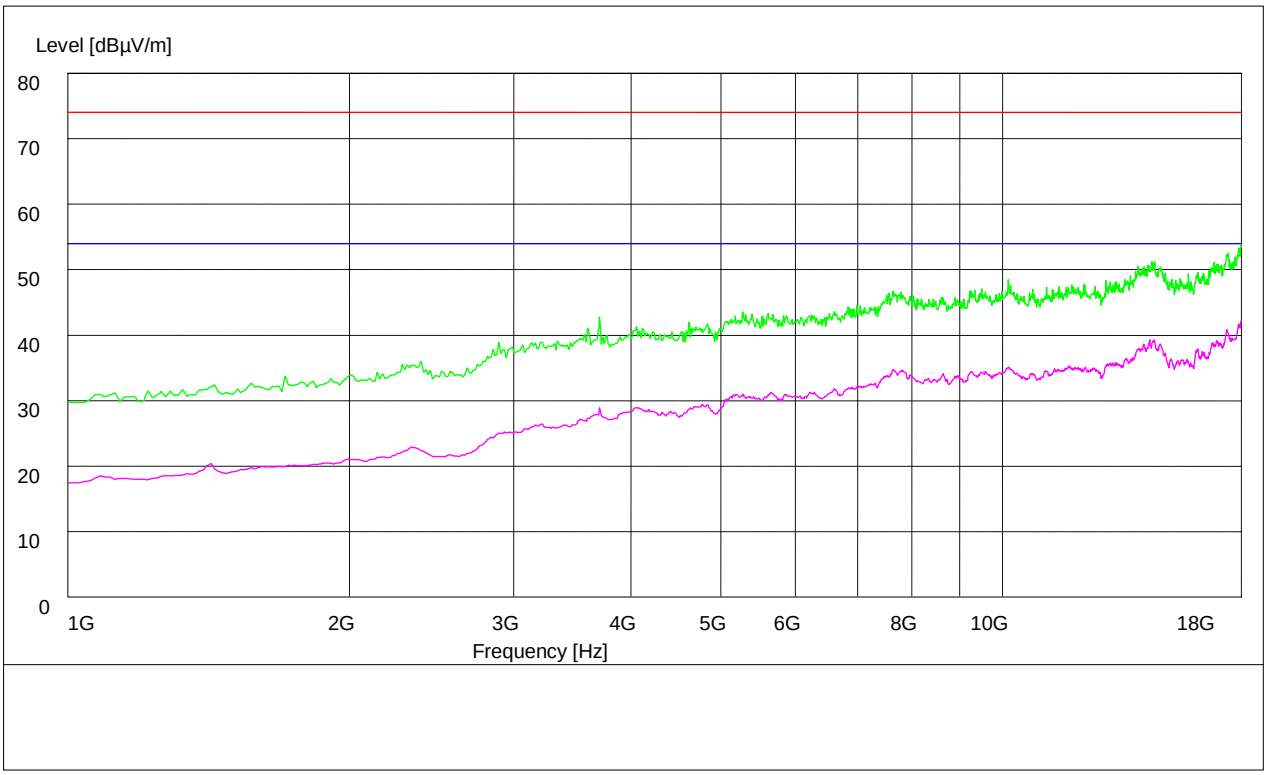
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.60	34.7	54.0	8.4	126.0	240.00	VERTICAL
2483.500000	46.60	35.0	54.0	7.4	107.0	357.00	HORIZONTAL

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.

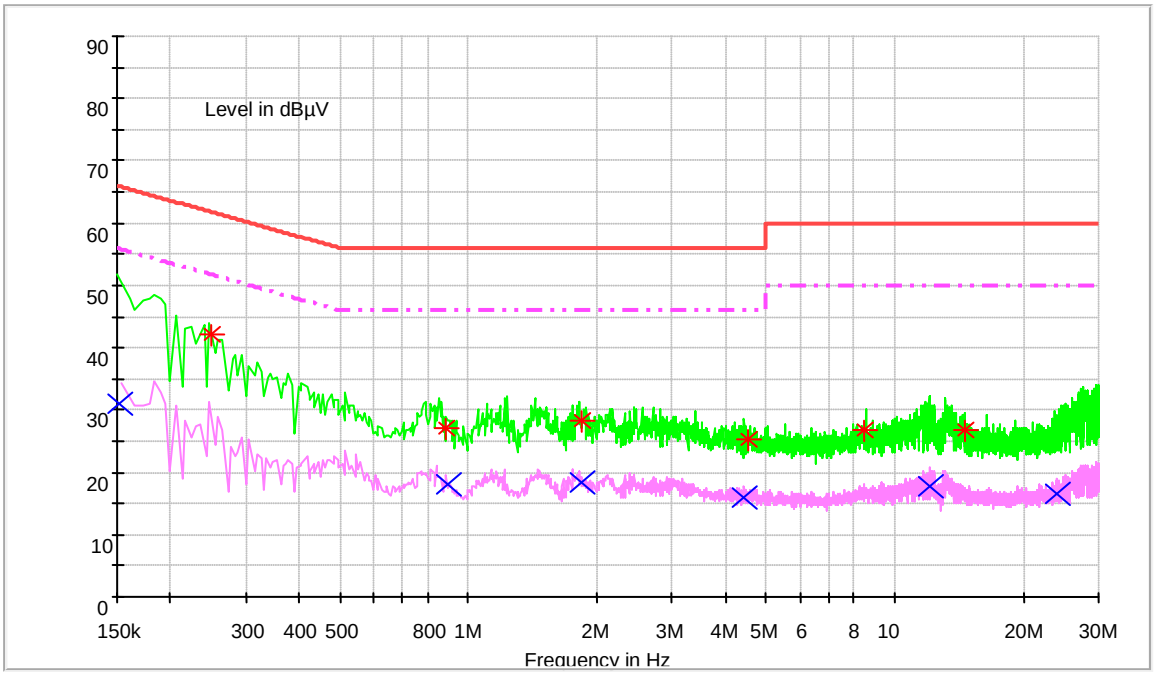
Note 2: The testing range of "1 GHz to 18 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

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 G: AC Power Line Conducted Emissions

Channel 19



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.248426	42.2	9.7	61.8	19.6	L1	FLO
0.88158	27.1	9.7	56	28.9	L1	FLO
1.84491	28.2	9.7	56	27.8	L1	FLO
4.544764	25.2	9.8	56	30.8	N	FLO
8.492167	26.7	9.9	60	33.3	N	FLO
14.61636	26.8	10.1	60	33.2	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBµV	dB	dBµV	dB		
0.151931	30.9	9.7	55.9	25	L1	FLO
0.891173	18.1	9.7	46	27.9	L1	FLO
1.835948	18.4	9.7	46	27.6	N	FLO
4.433021	15.8	9.8	46	30.2	N	FLO
12.08047	17.6	10	50	32.4	N	FLO
24.01677	16.5	10.3	50	33.5	N	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