

Appendix A: 6dB Emission Bandwidth (EBW)

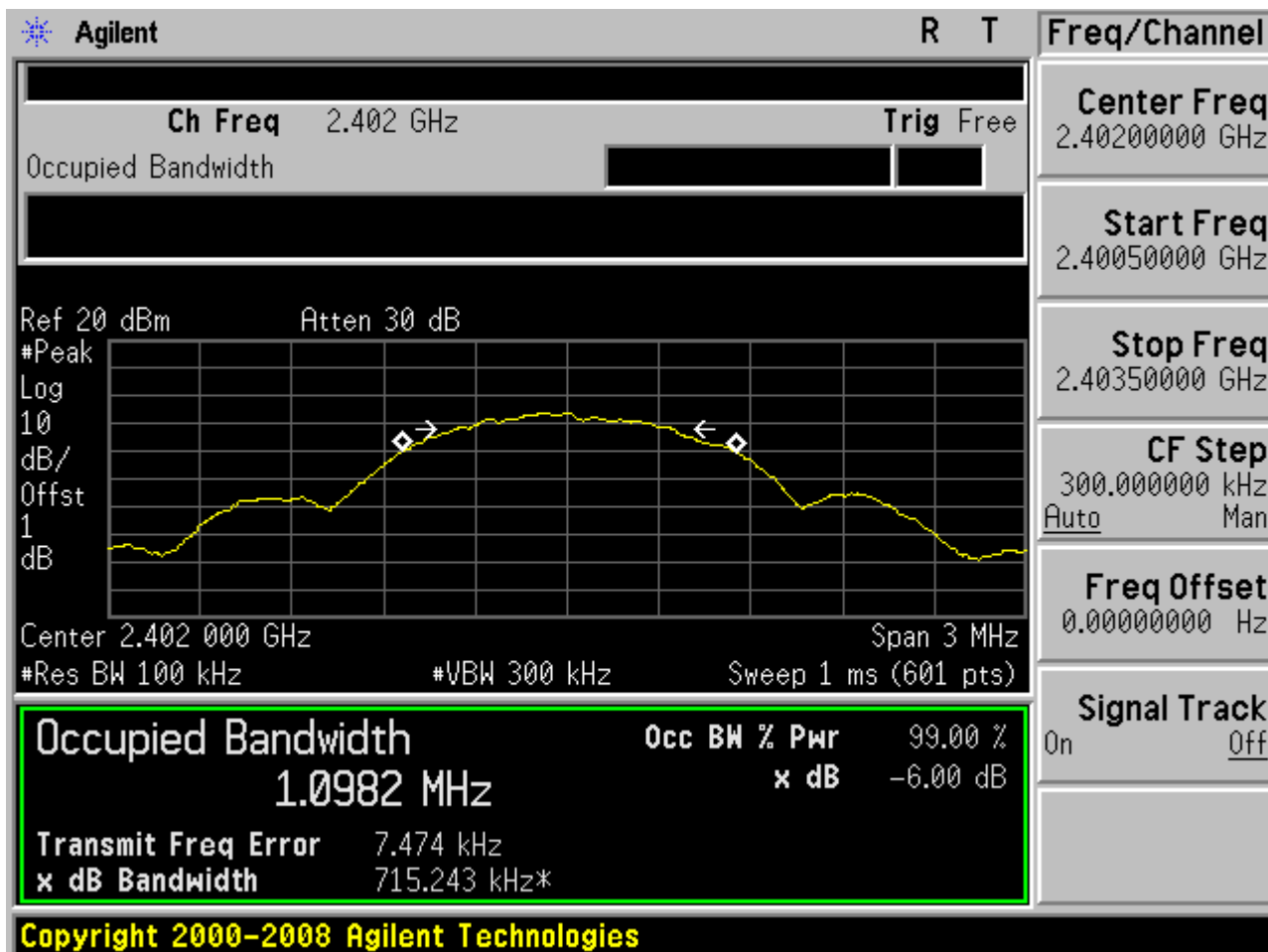


1 Result Table

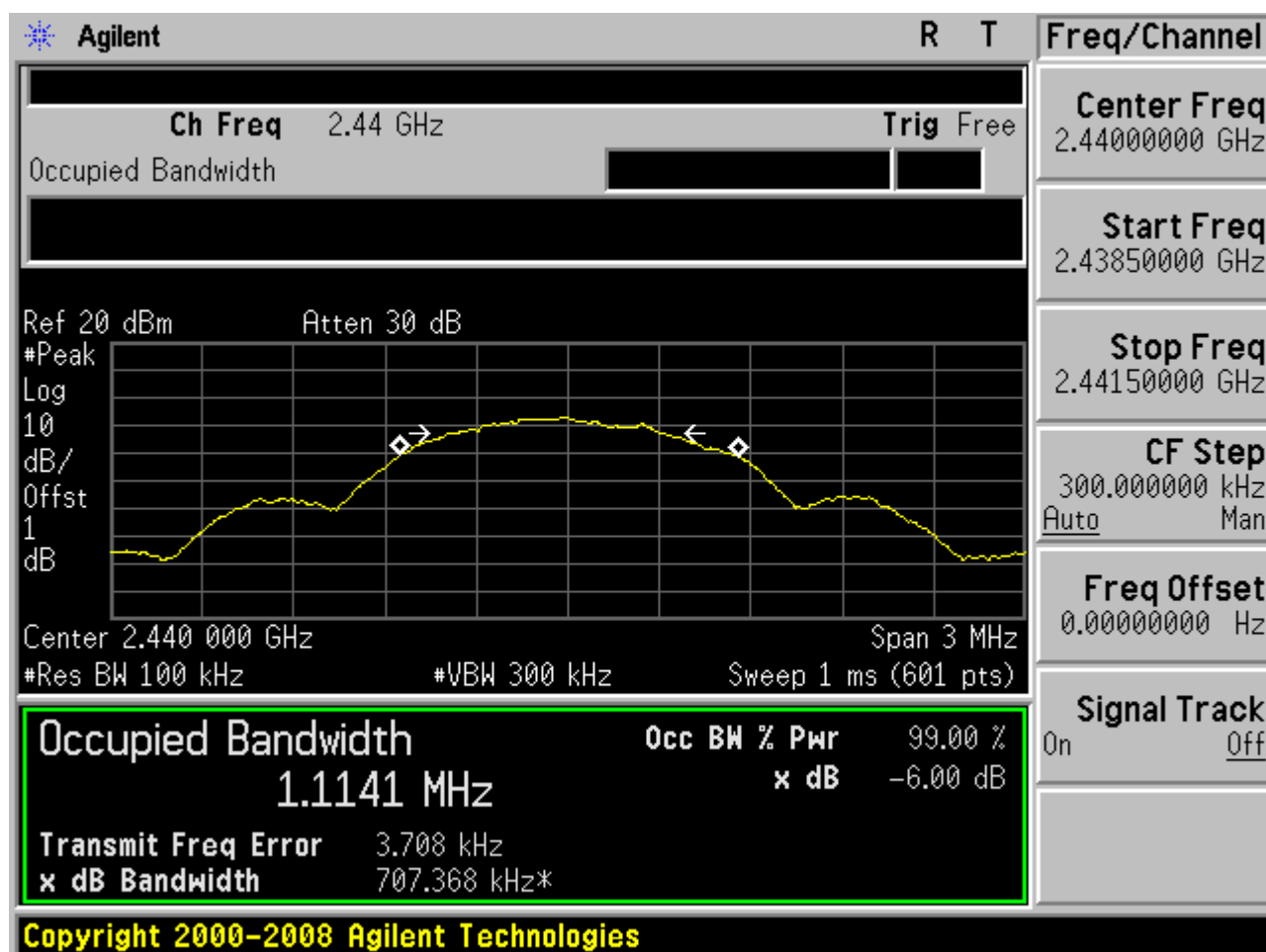
EUT Conf.	EBW [KHz]	Verdict
TM1_DH5_Ch0	715.243	Pass
TM1_DH5_Ch19	707.368	Pass
TM1_DH5_Ch39	715.654	Pass

2 Test Plot

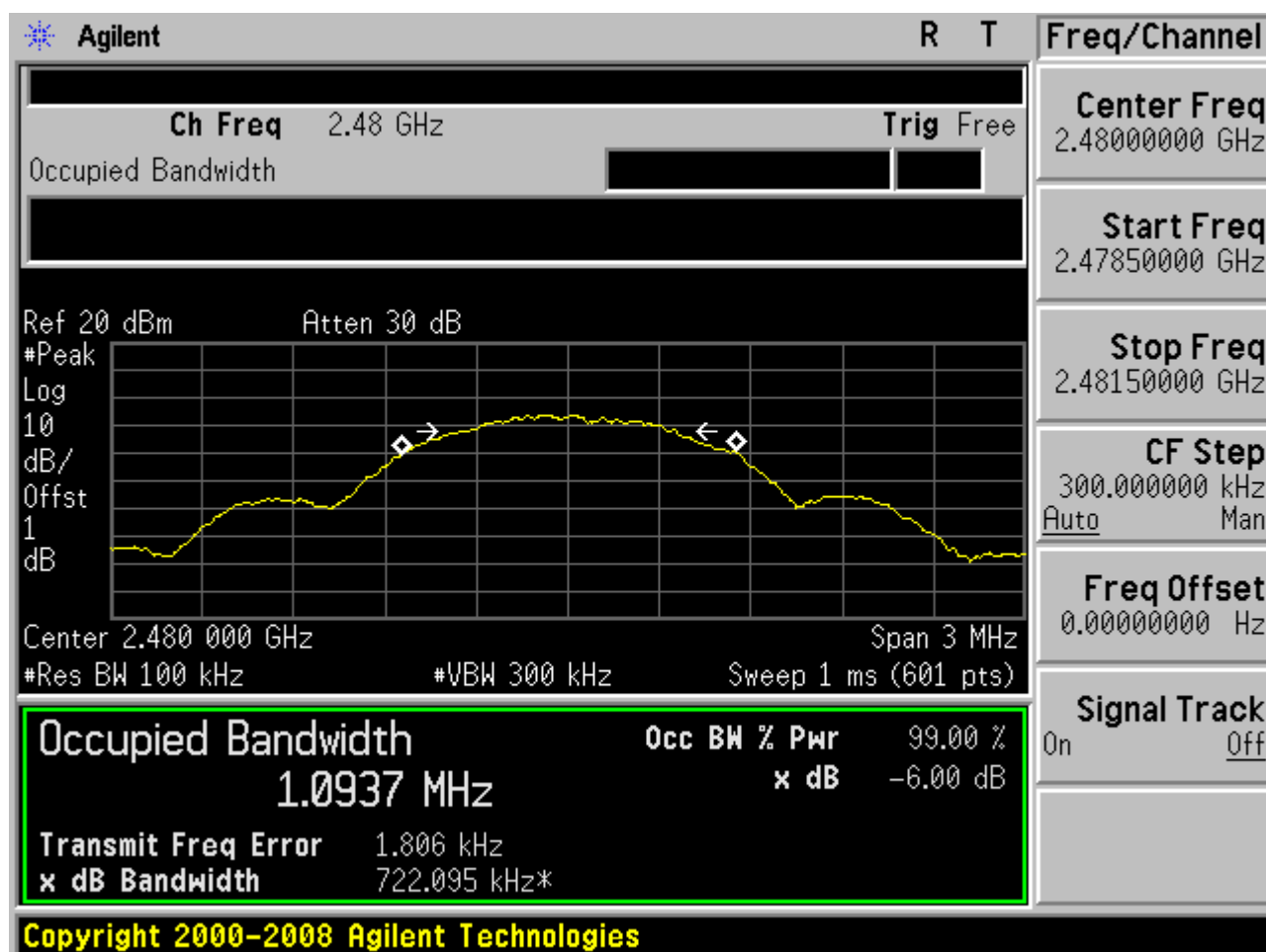
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



Appendix B: Maximum Average Conducted Output Power

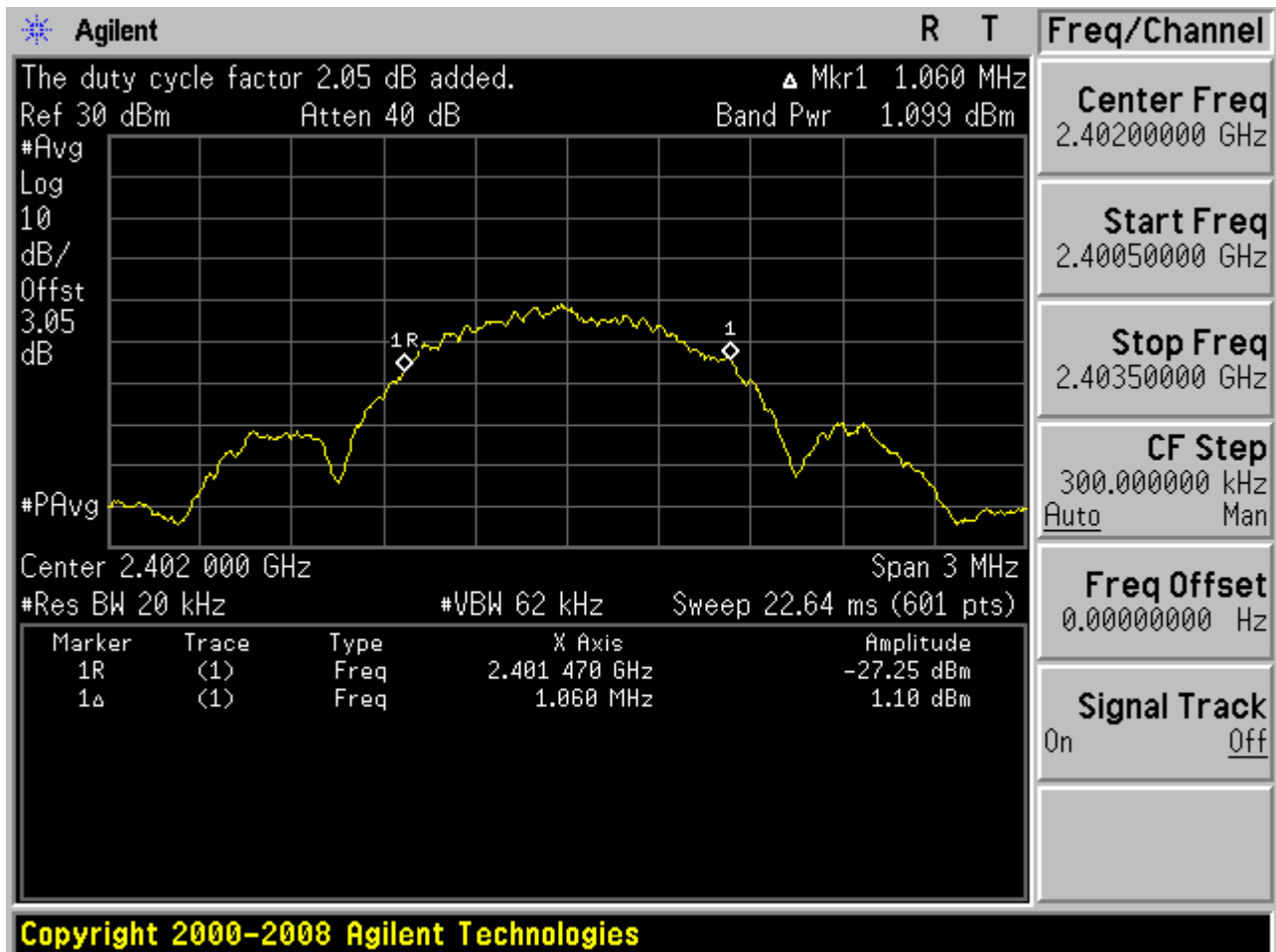


1 Result Table

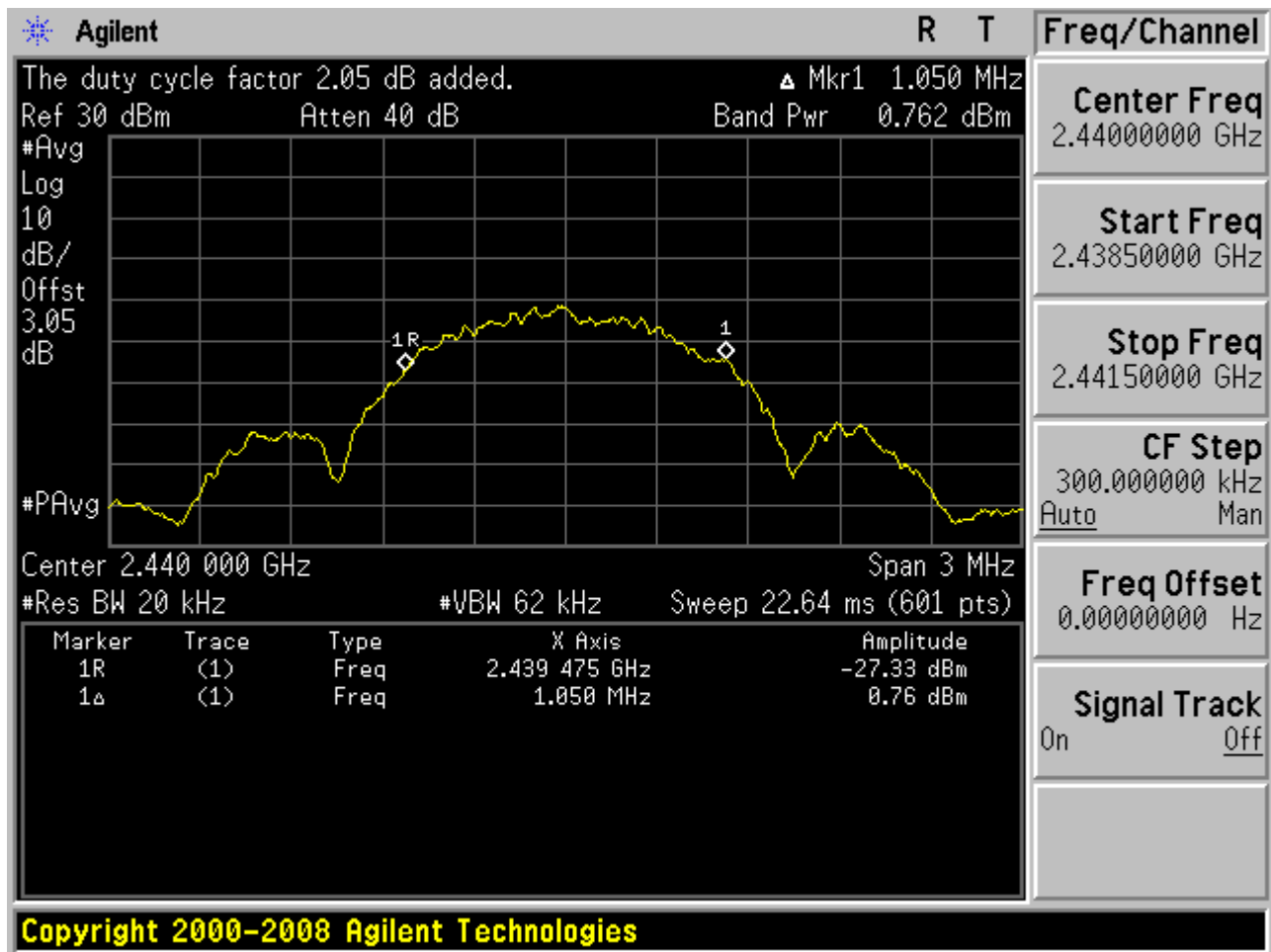
EUT Conf.	Max. Avg Power [dBm]	Verdict
TM1_DH5_Ch0	1.099	Pass
TM1_DH5_Ch19	0.762	Pass
TM1_DH5_Ch39	1.553	Pass

2 Test Plot

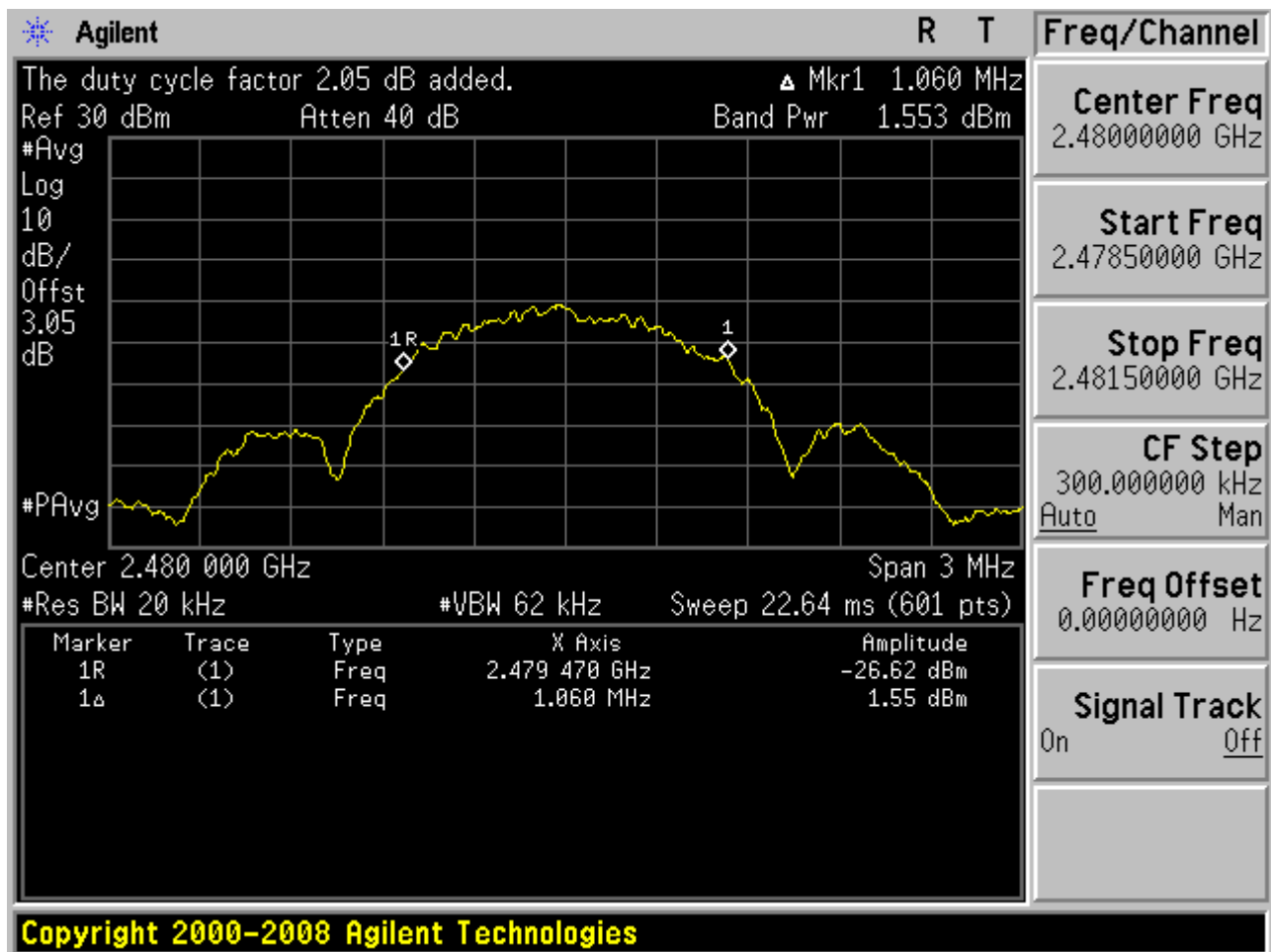
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39



Appendix C: Maximum Power Spectral Density Level

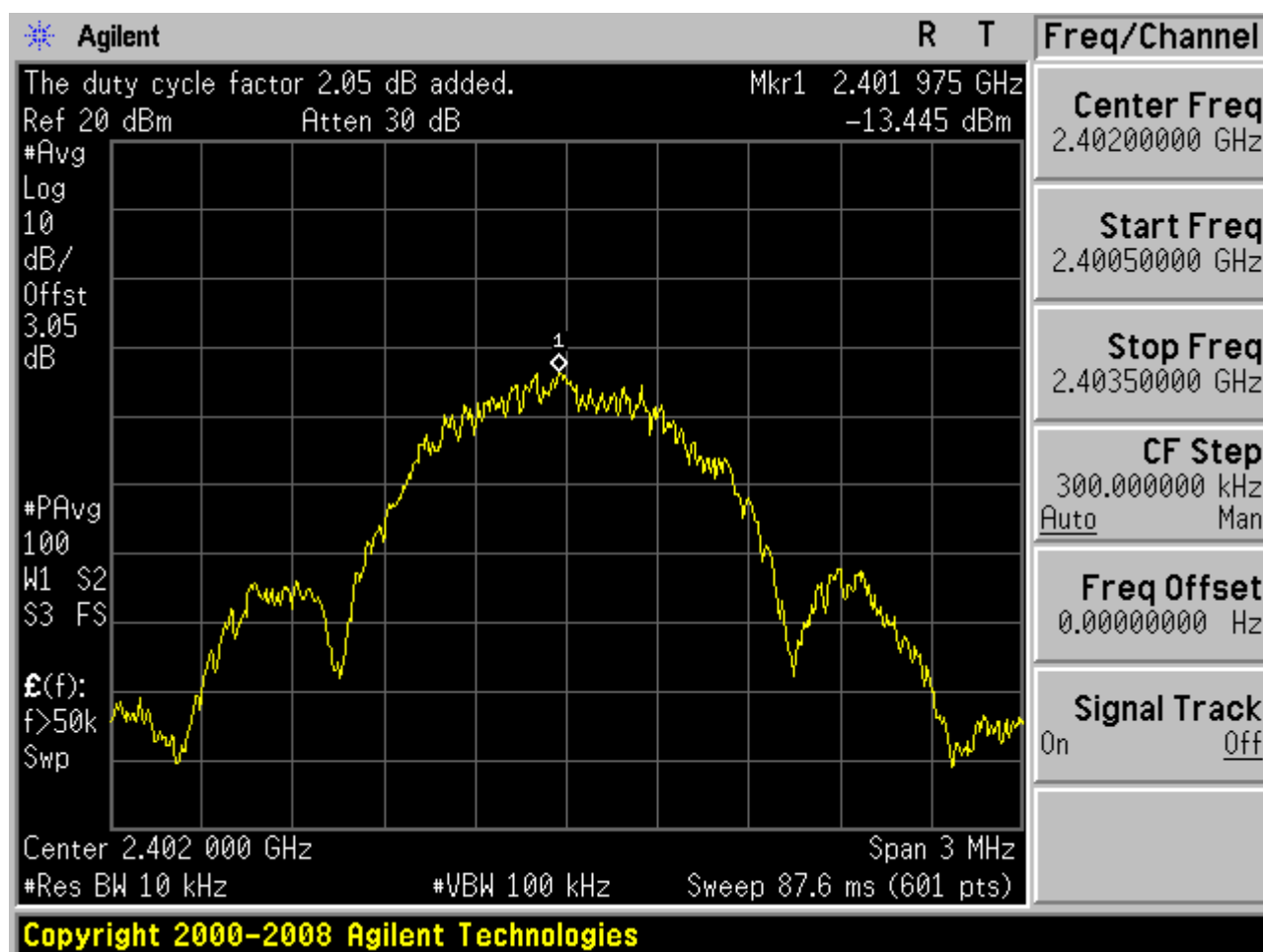


1 Result Table

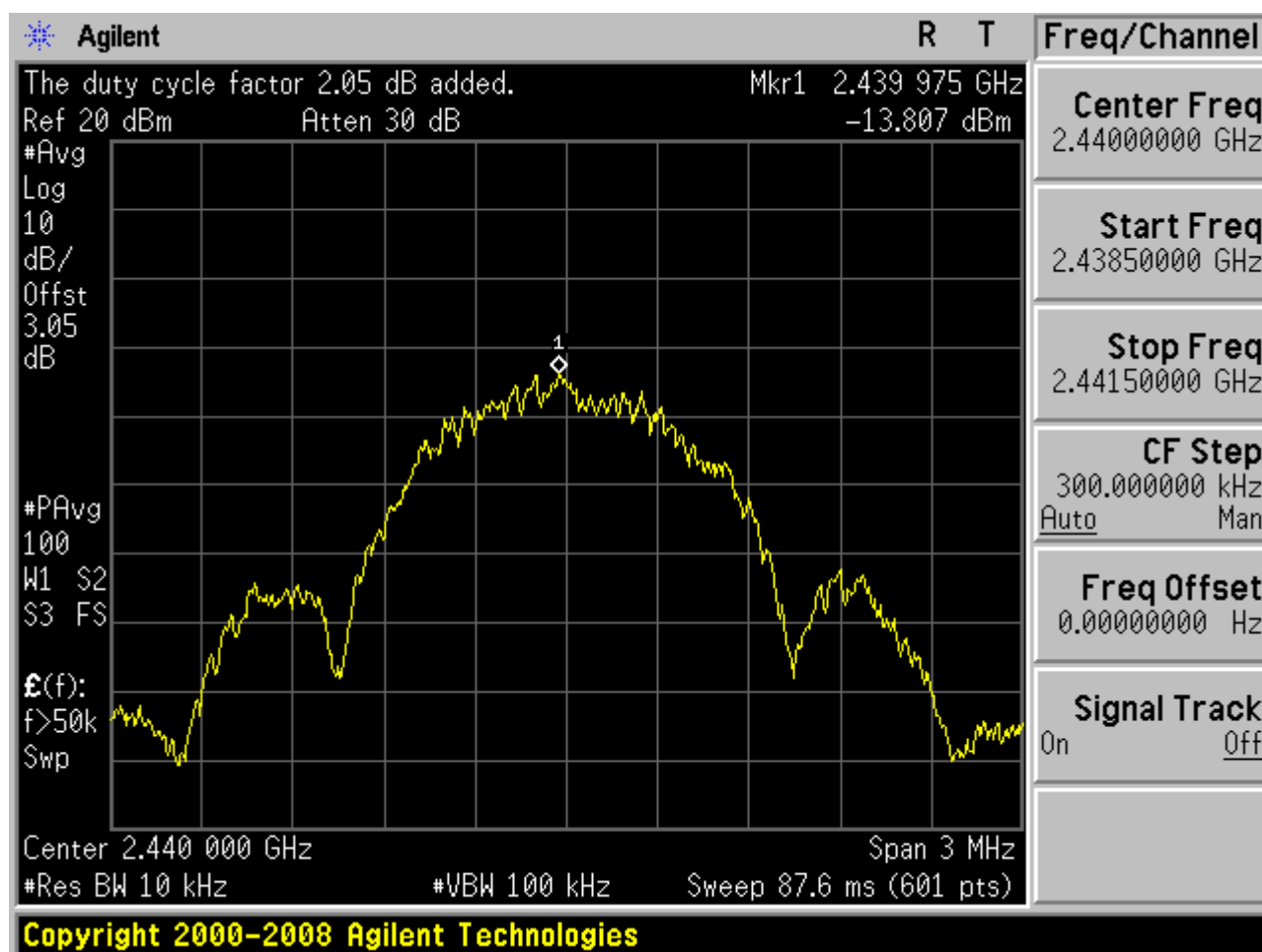
EUT Conf.	Max. Power Spectral Density Level [dBm]	Verdict
TM1_DH5_Ch0	-13.445	Pass
TM1_DH5_Ch19	-13.807	Pass
TM1_DH5_Ch39	-12.799	Pass

2 Test Plot

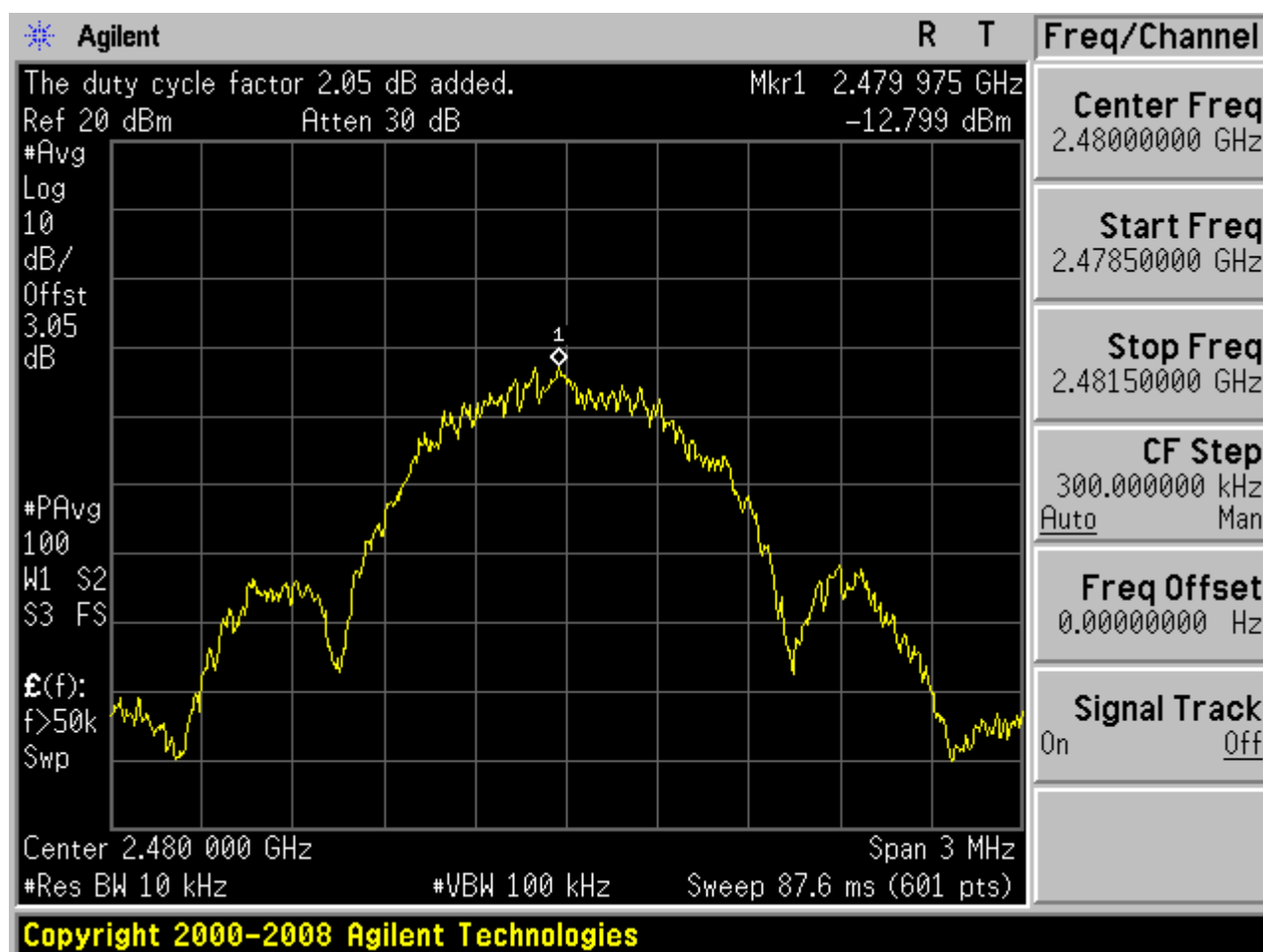
2.1 TM1_DH5_Ch0



2.2 TM1_DH5_Ch19



2.3 TM1_DH5_Ch39





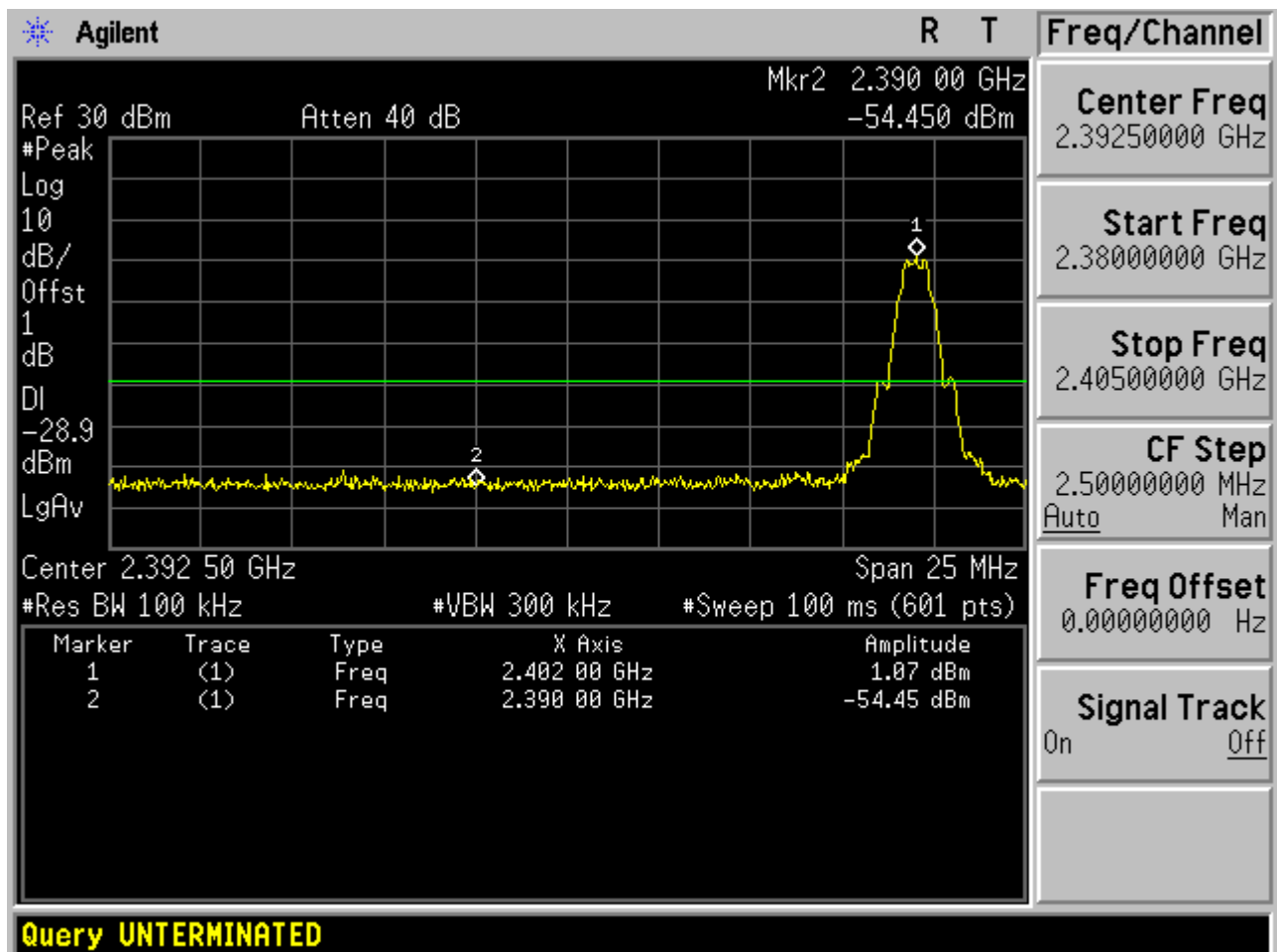
Appendix D: Band edge spurious emission

3 Result Table

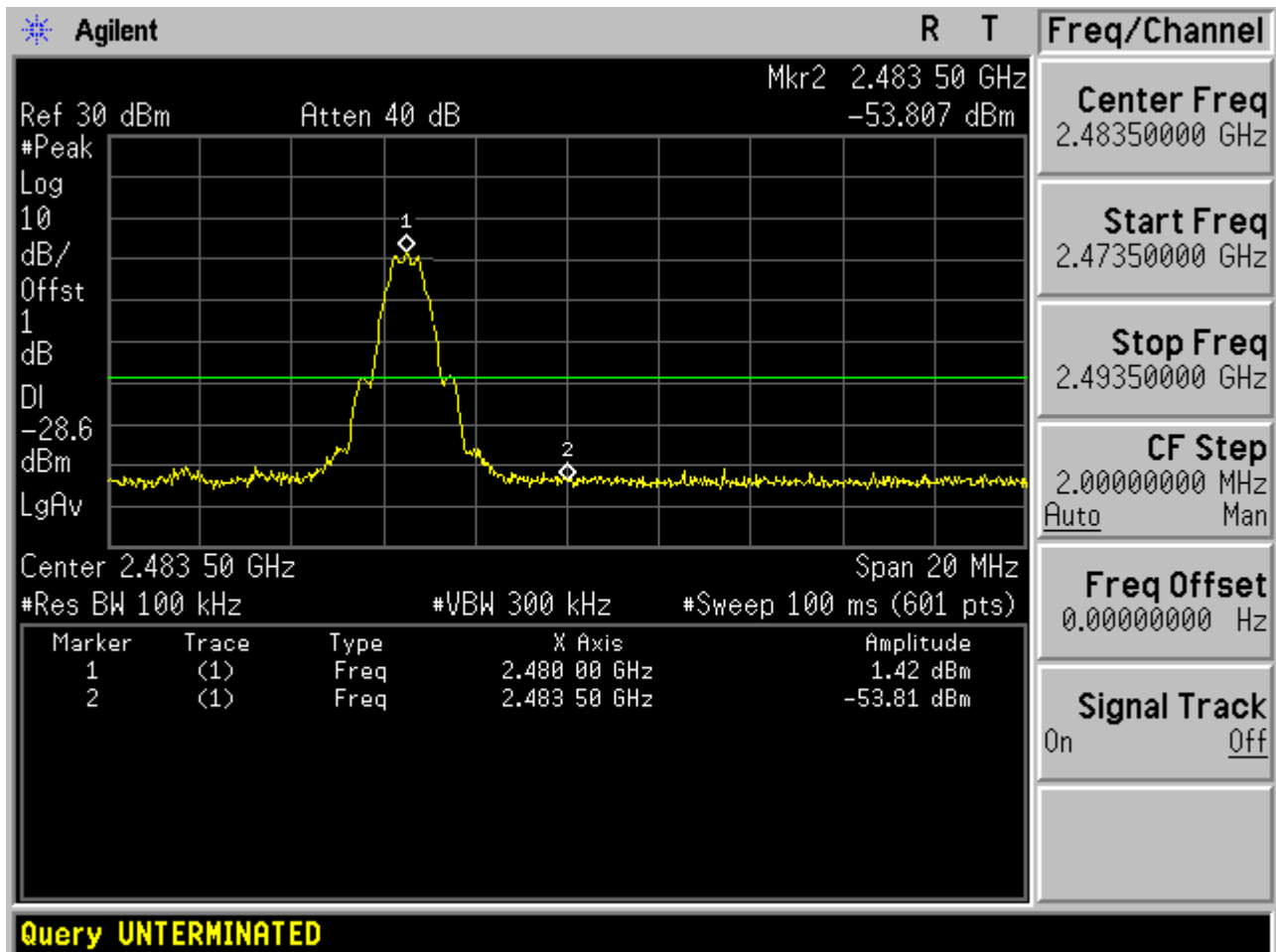
EUT Conf.	Channel No.	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max. Spurious Level [dBm]	Limit [dBm]	Result
TM1_DH5_Ch0	0	2402	1.07	Off	-51.50	-18.5	Pass
TM1_DH5_Ch39	39	2480	1.42	Off	-53.81	-18.3	Pass

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.

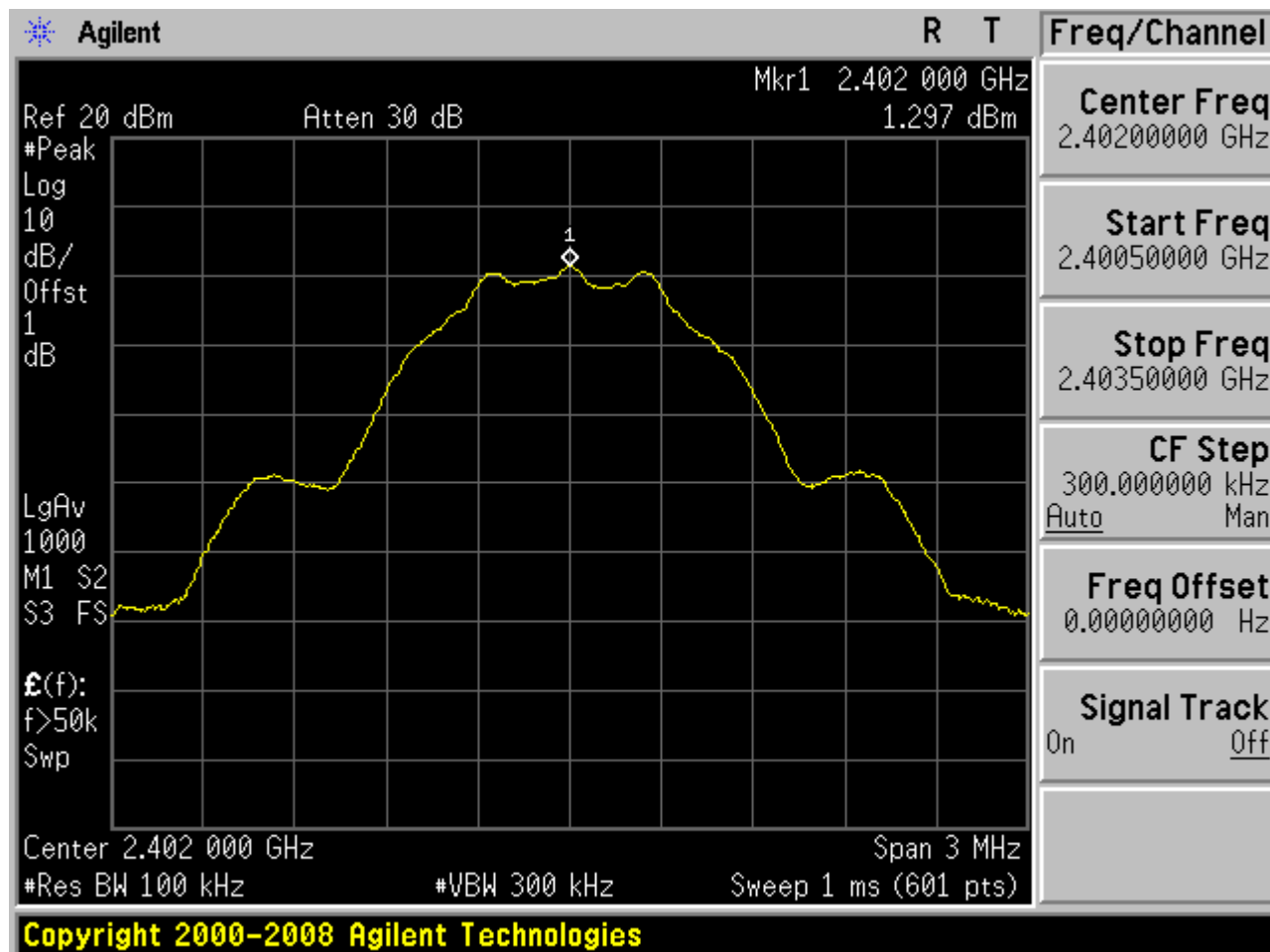
In the result table, the “< Limit” denotes that “The Puw [dBm] is less than Pref [dBm] - 20 [dB], see test plots for detailed”.

EUT Conf.	Pref [dBm/100 kHz]	Puw [dBm/100 kHz]	Verdict
TM1_DH5_Ch0	1.297	< Limit	Pass
TM1_DH5_Ch39	0.885	< Limit	Pass
TM1_DH5_Ch78	1.554	< Limit	Pass

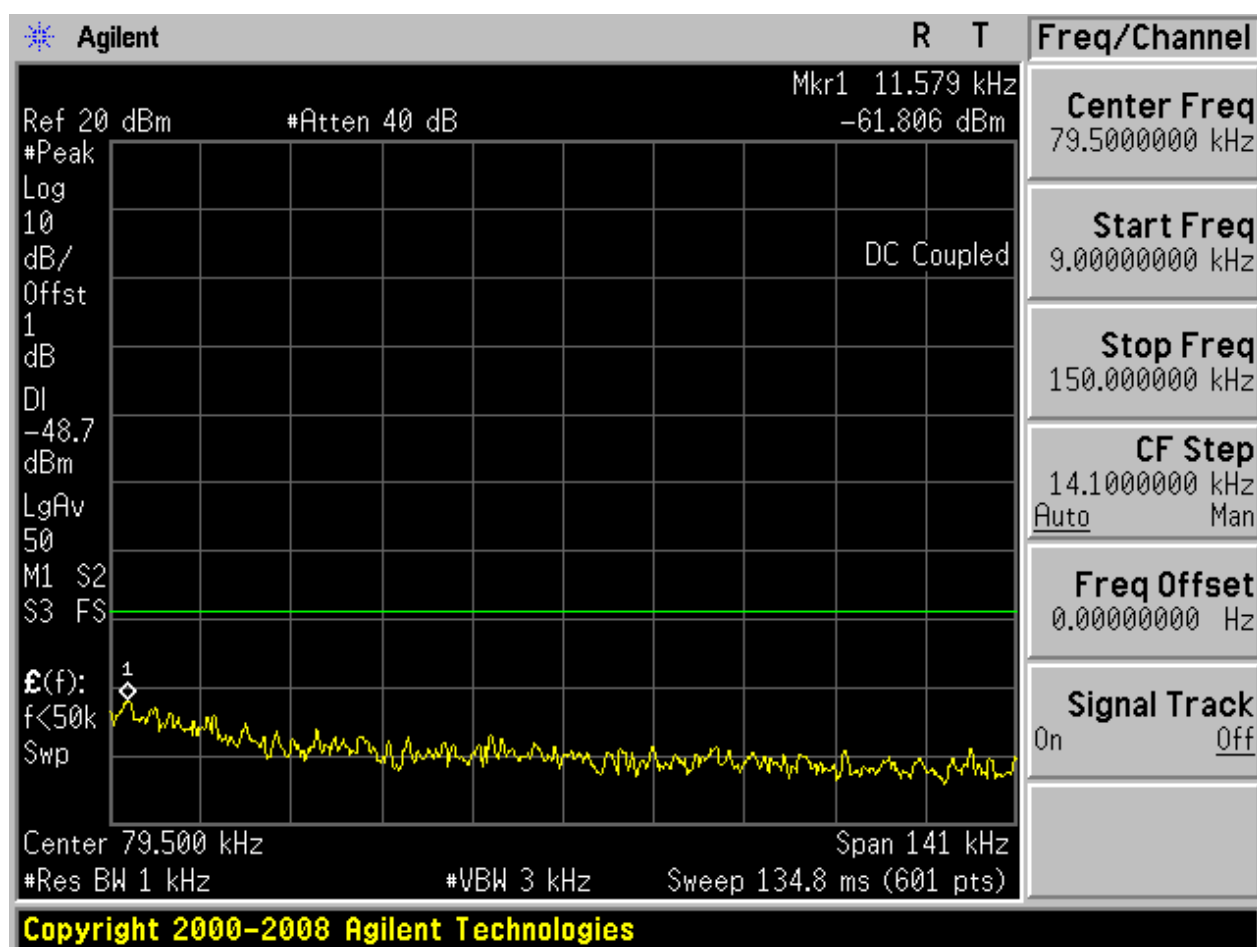
2 Test Plot

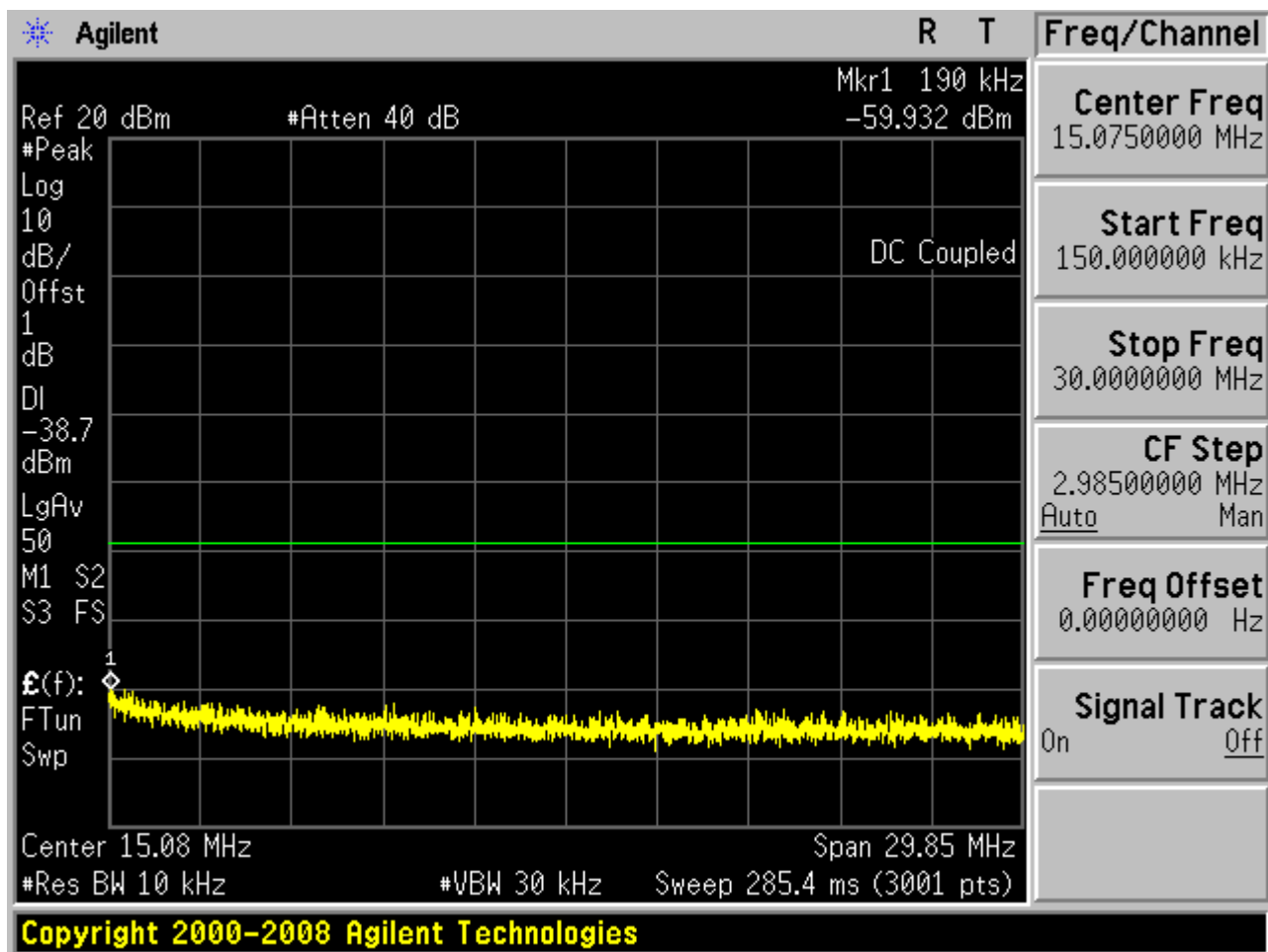
2.1 TM1_DH5_Ch0

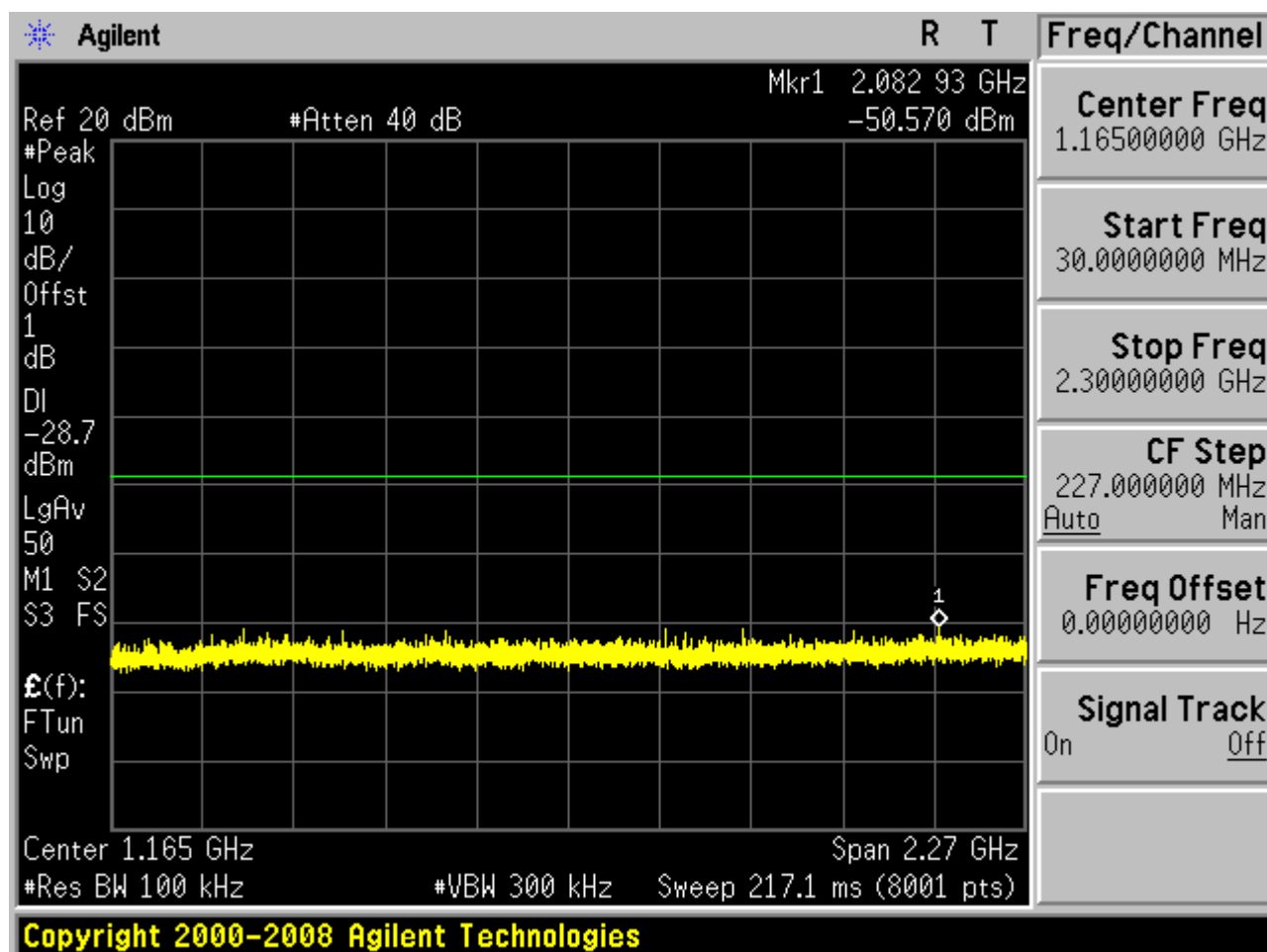
2.1.1 Pref

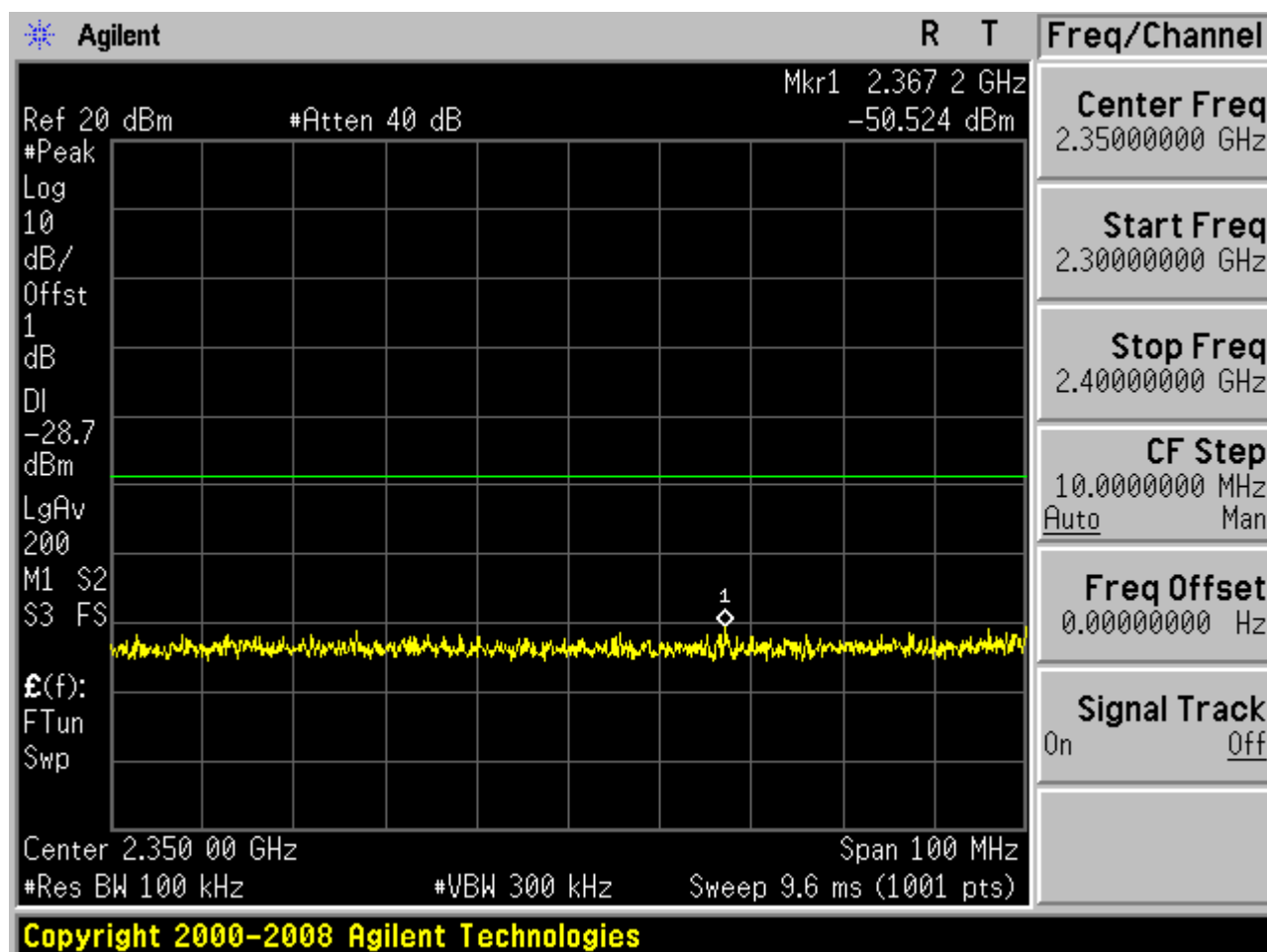


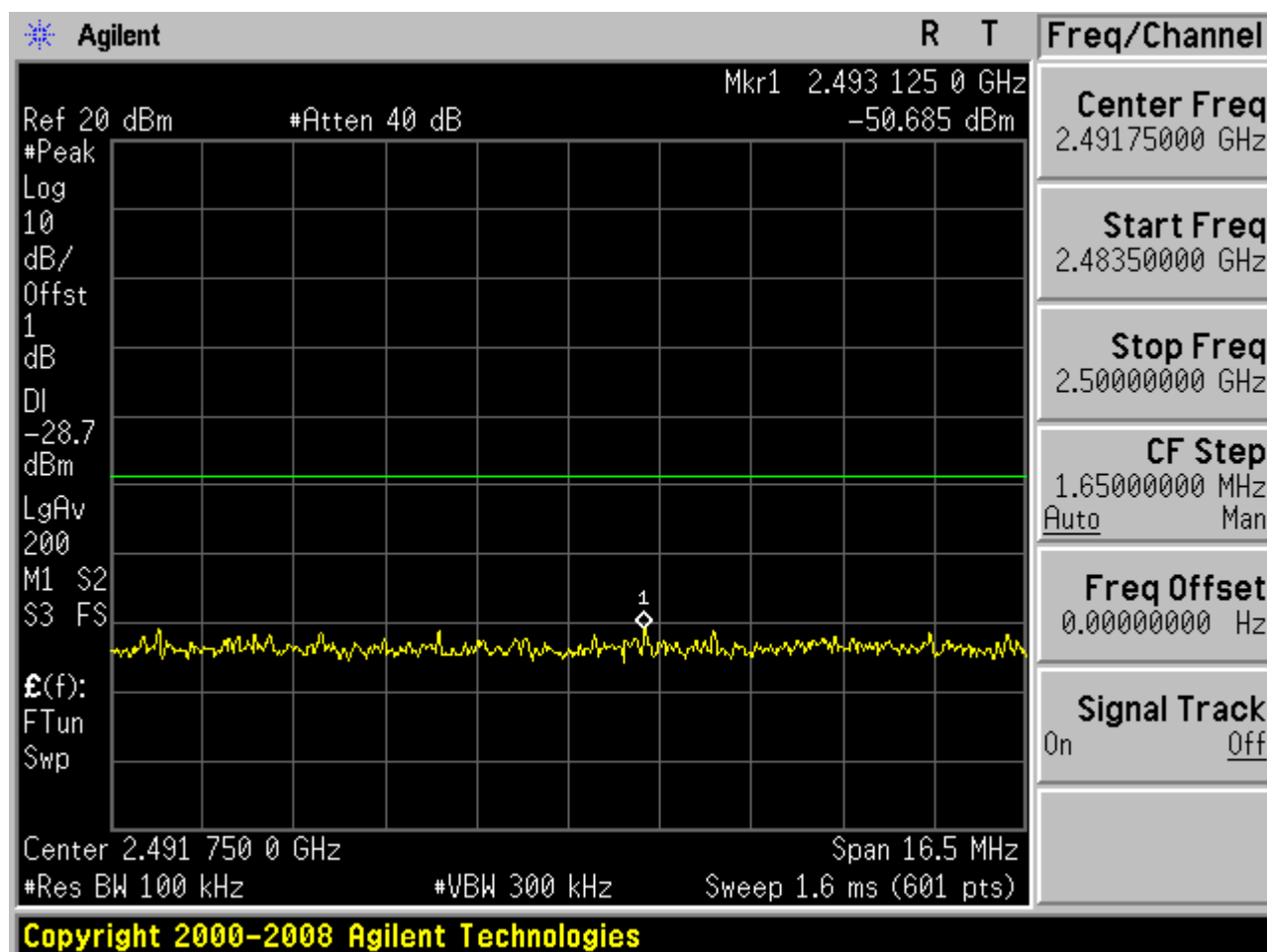
2.1.2 Puw

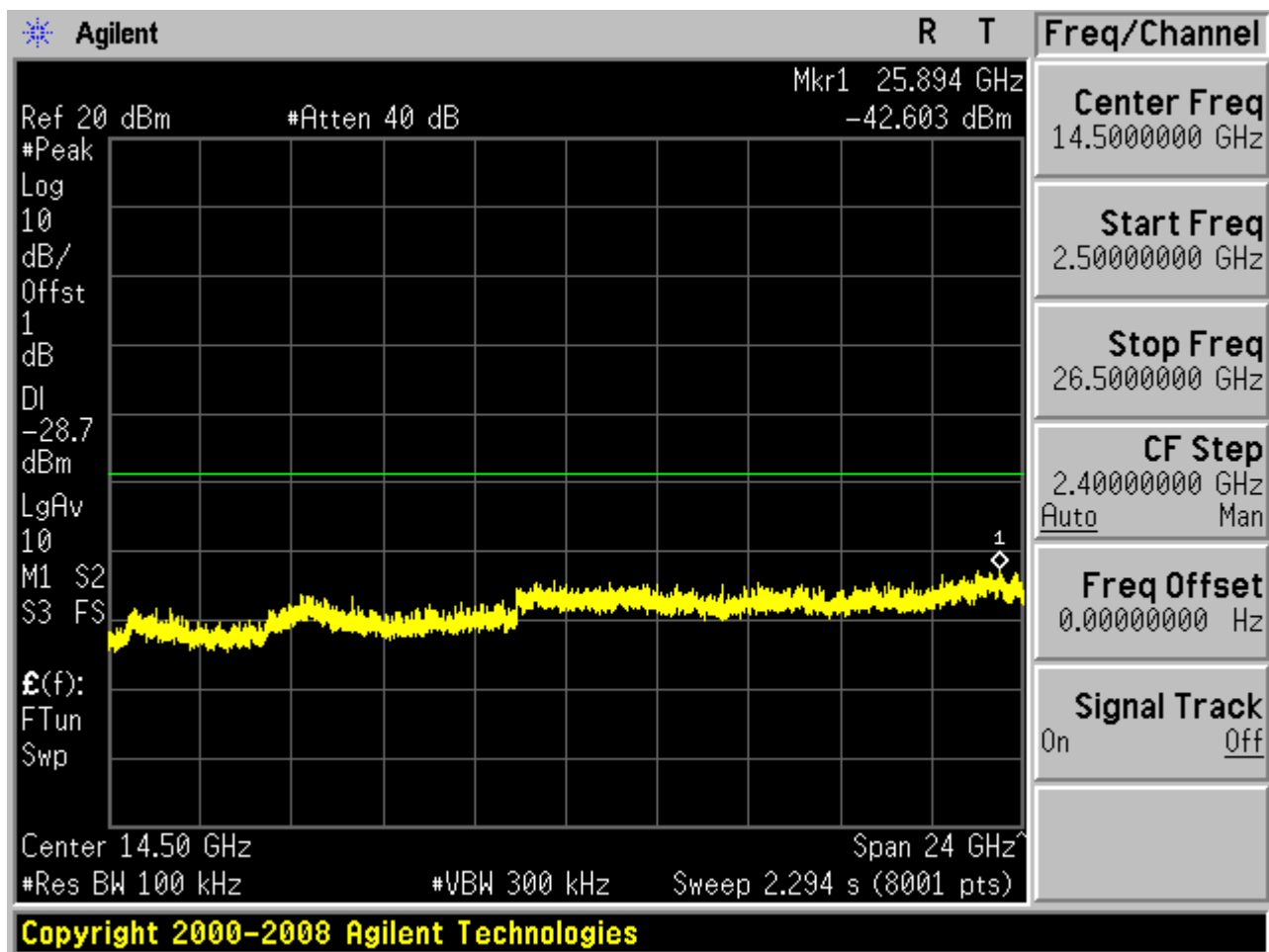




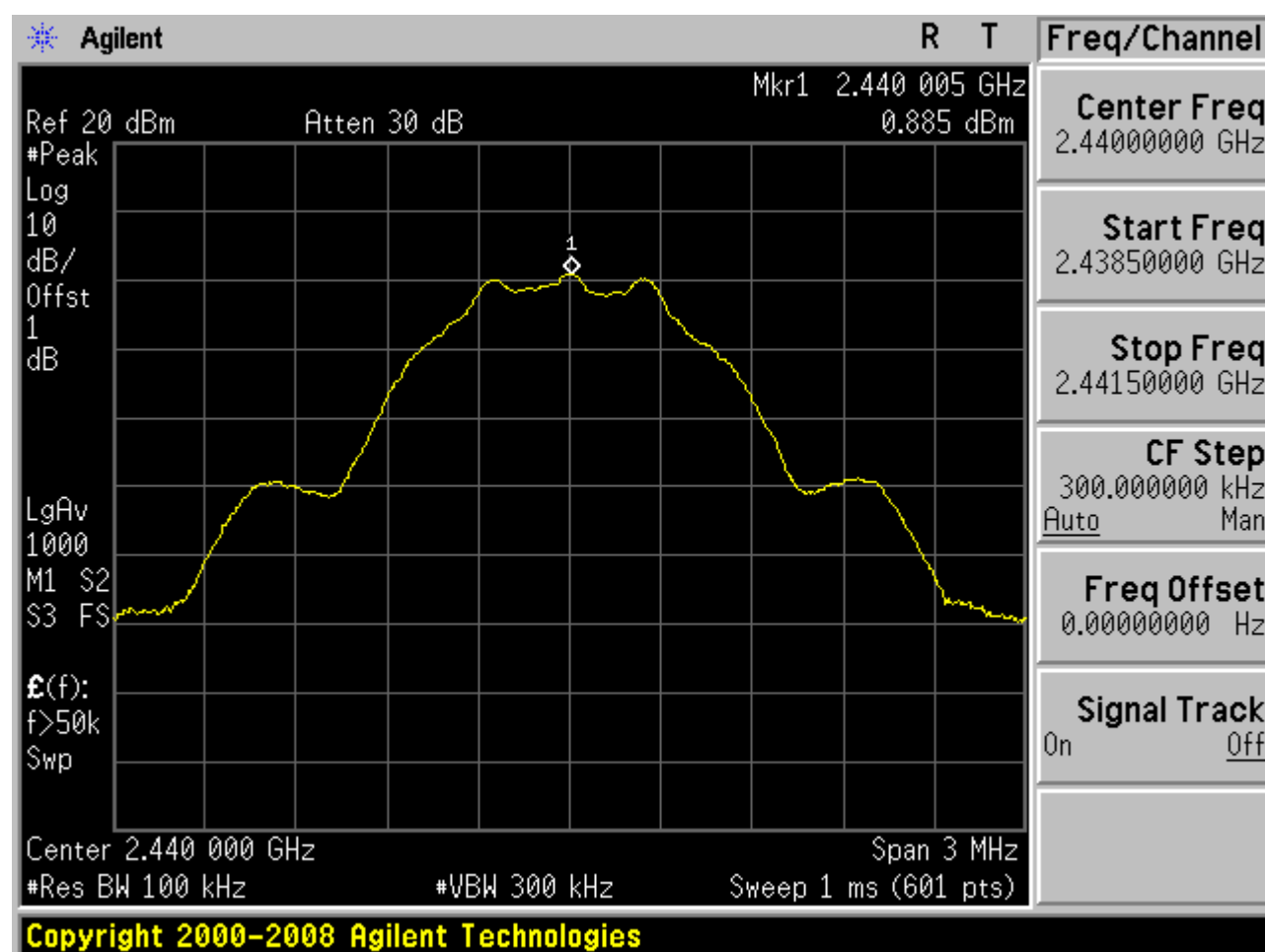


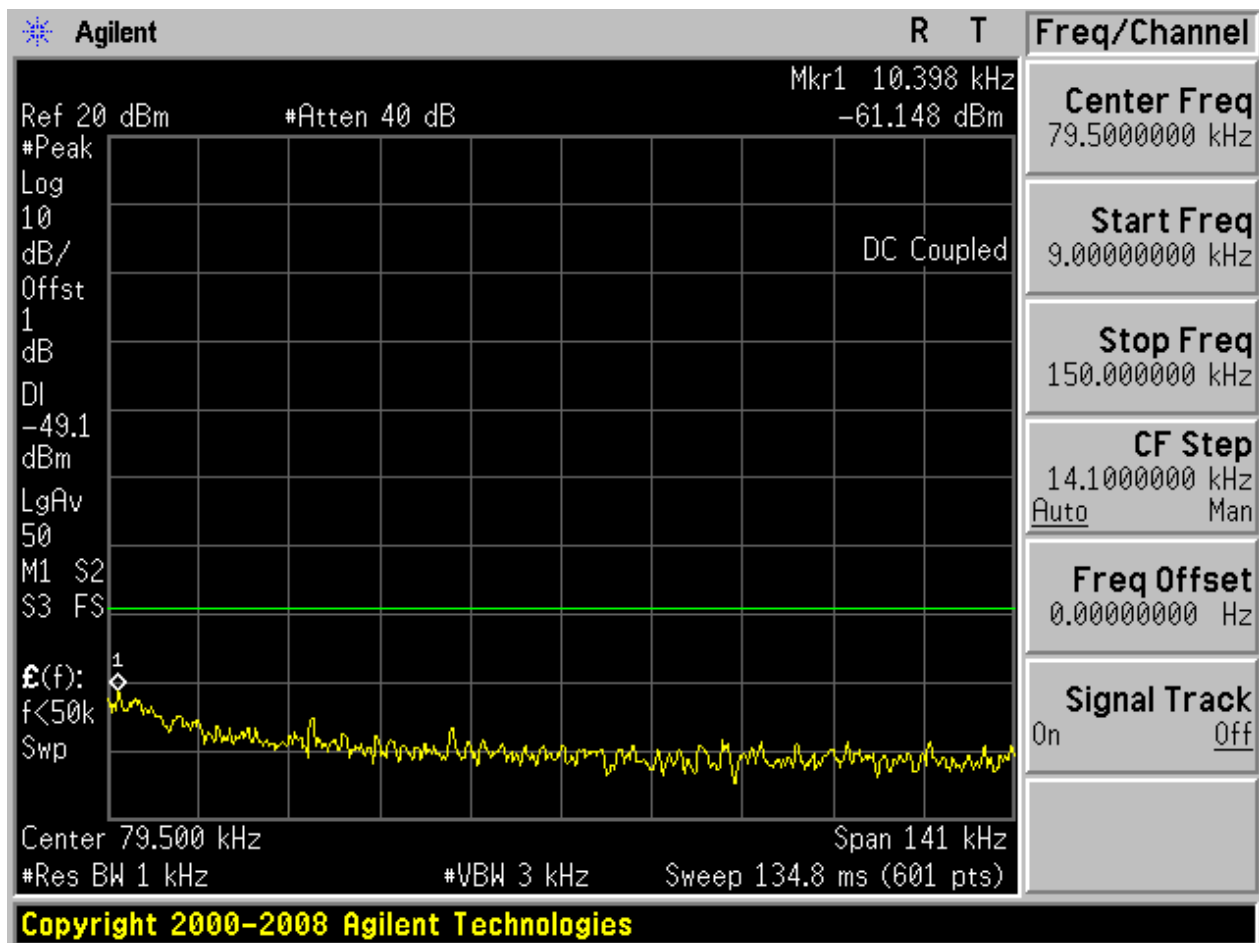


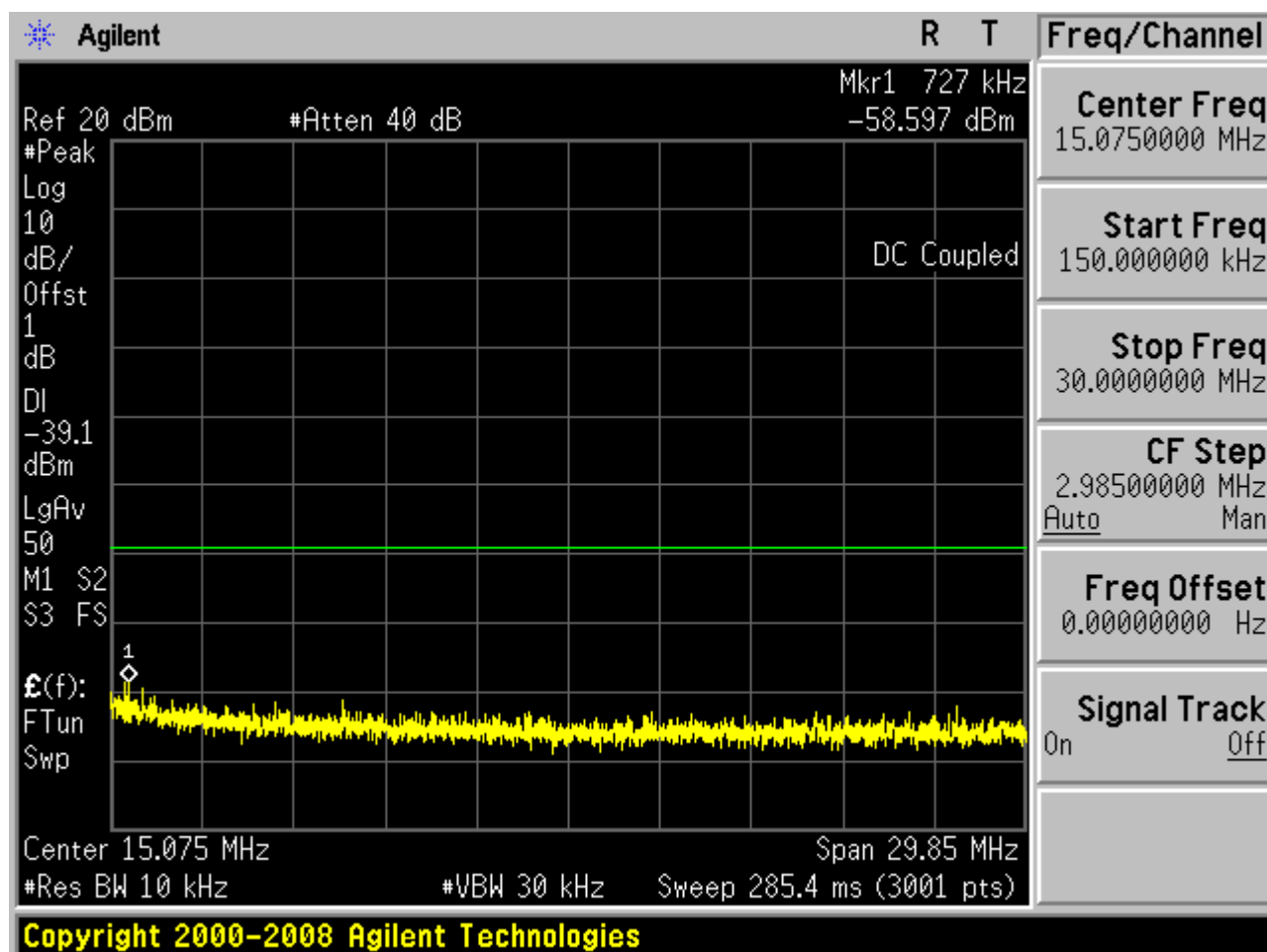


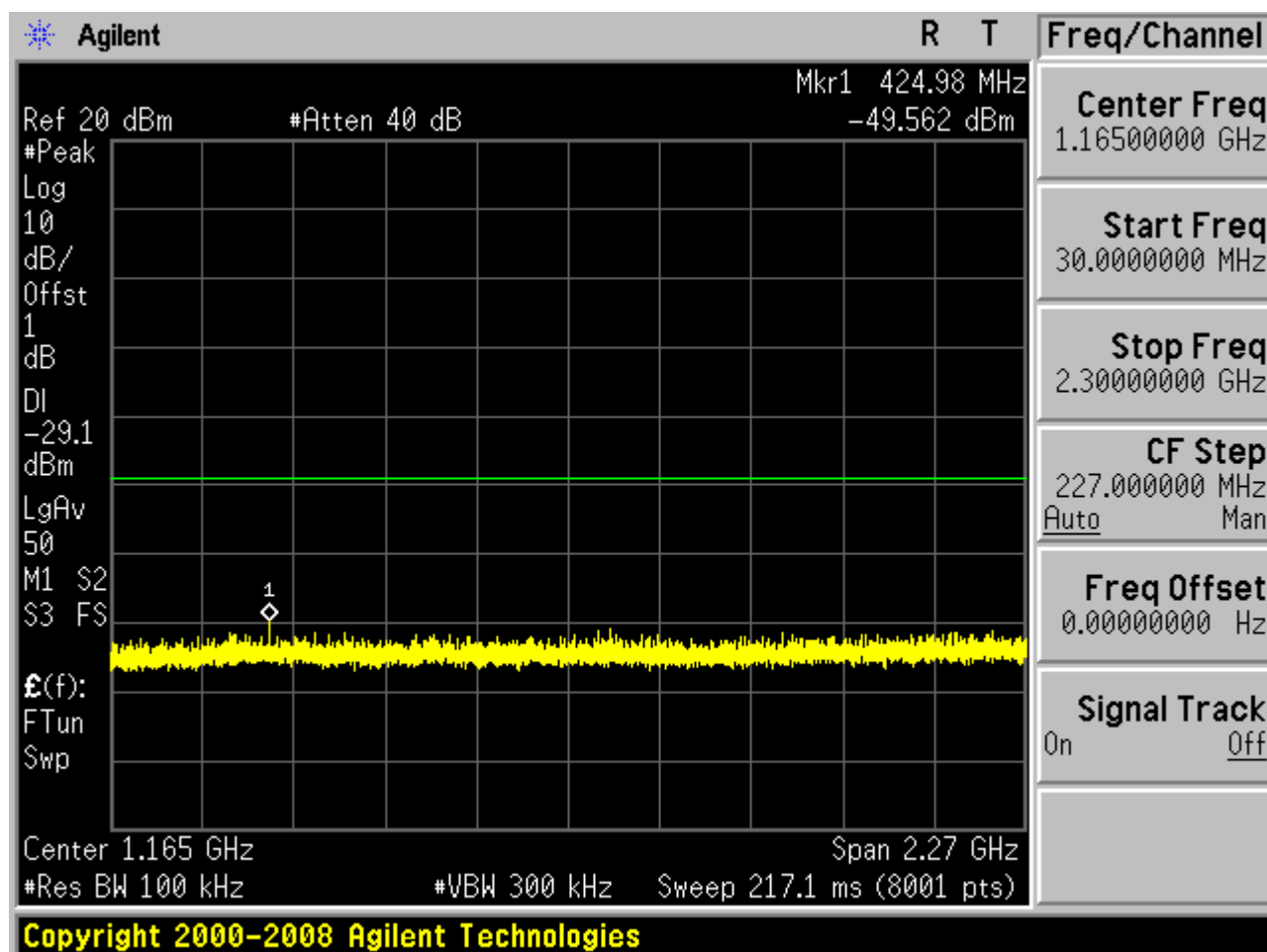


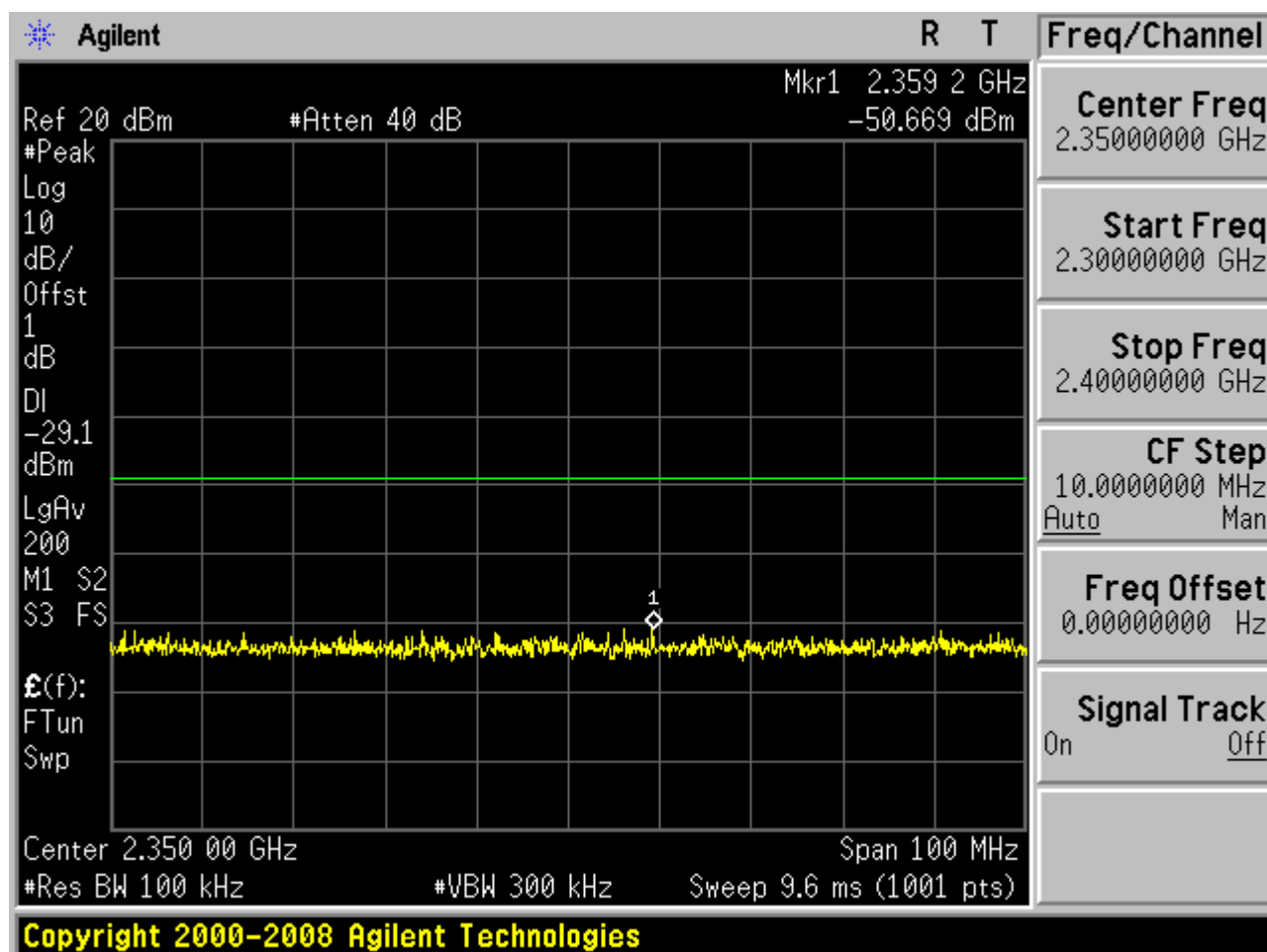
2.2 TM1_DH5_Ch19

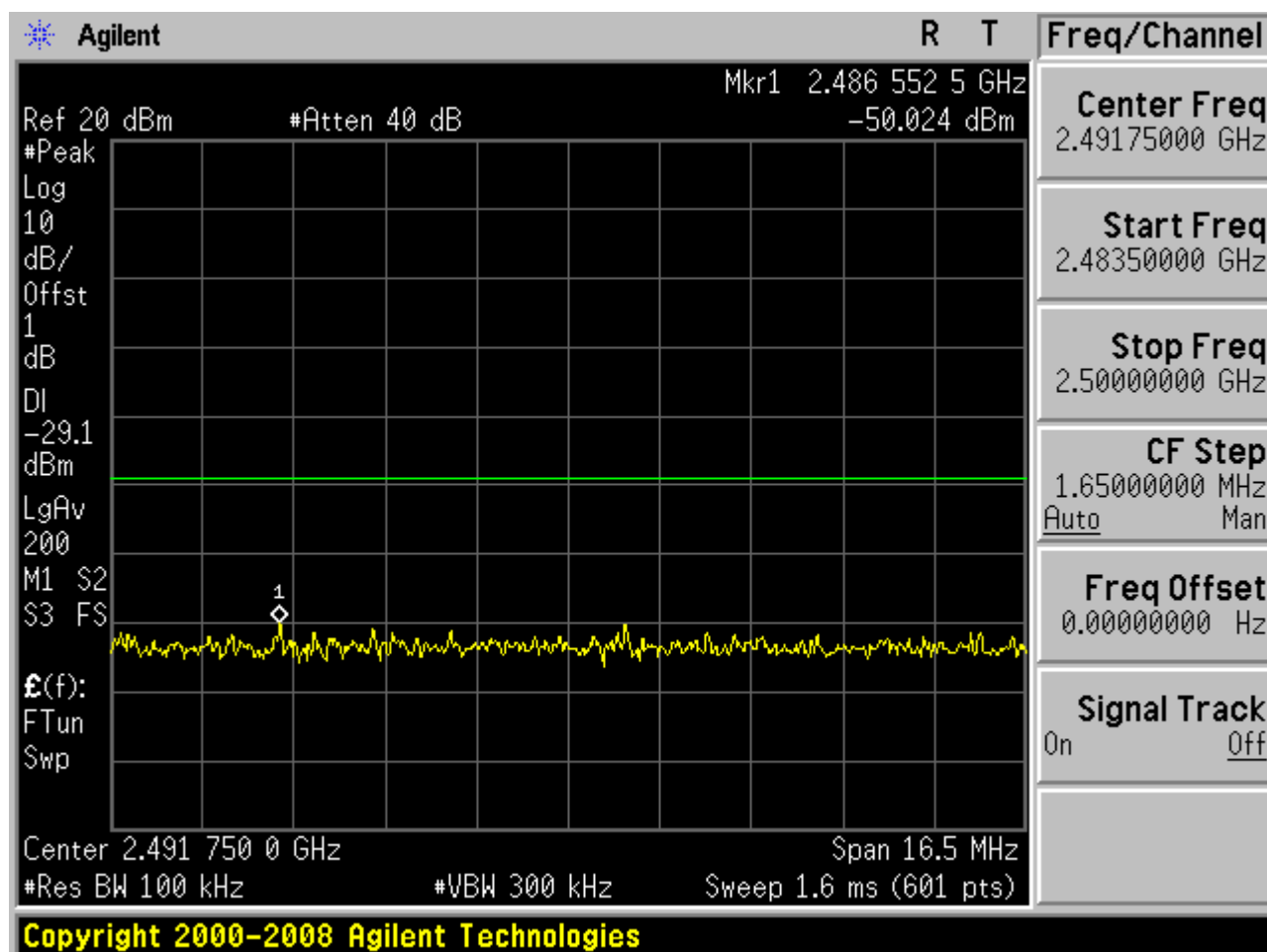


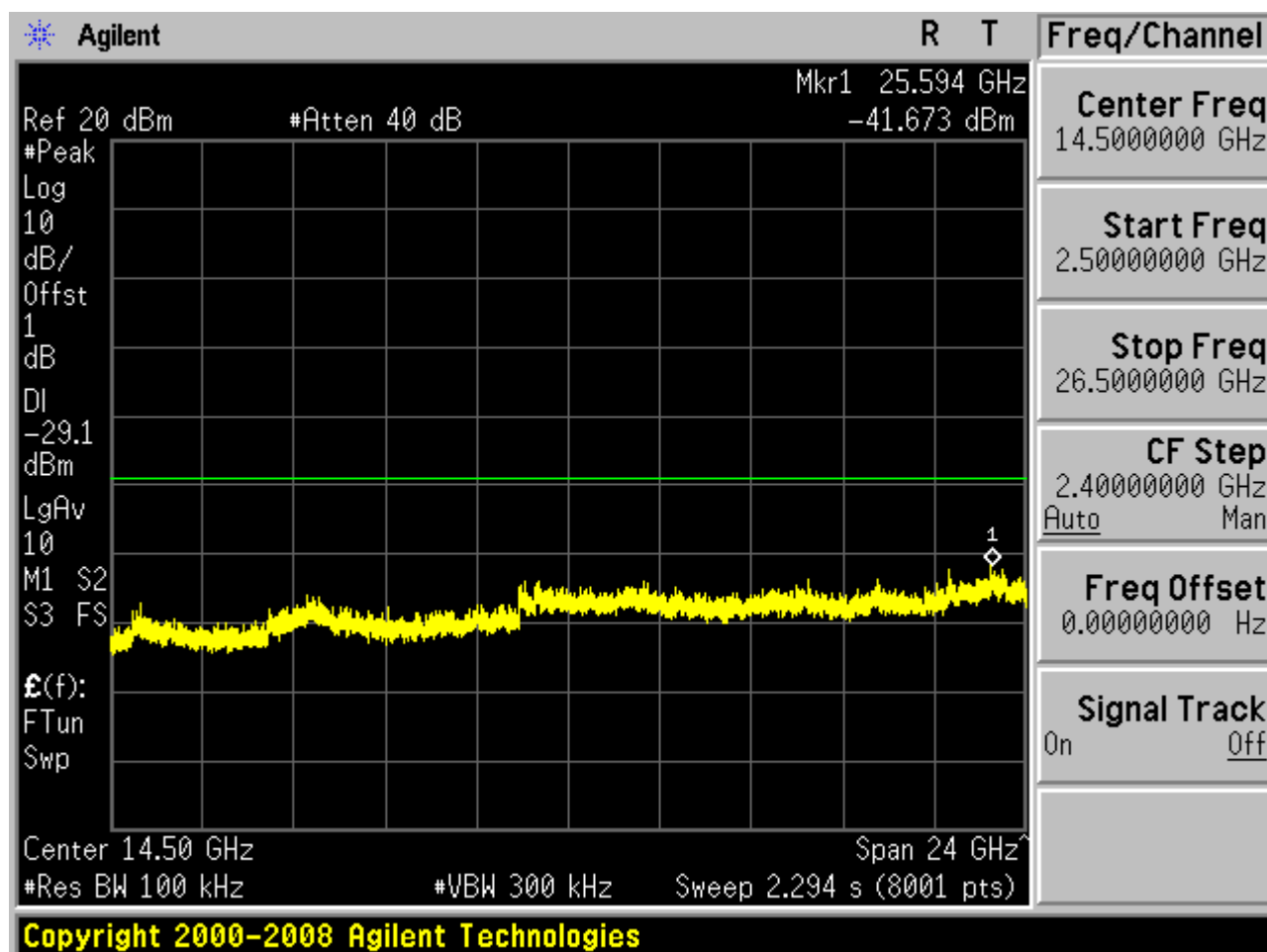






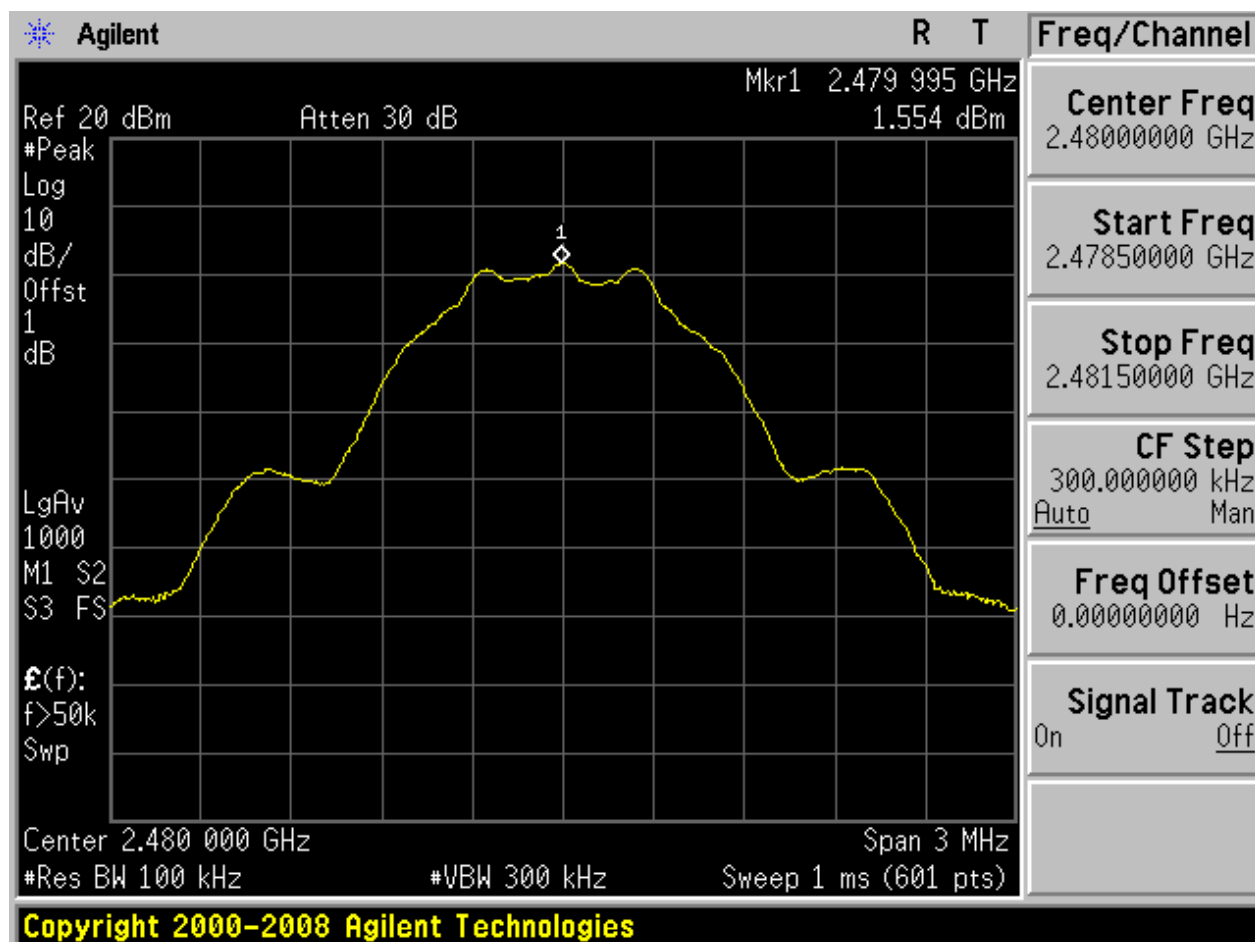




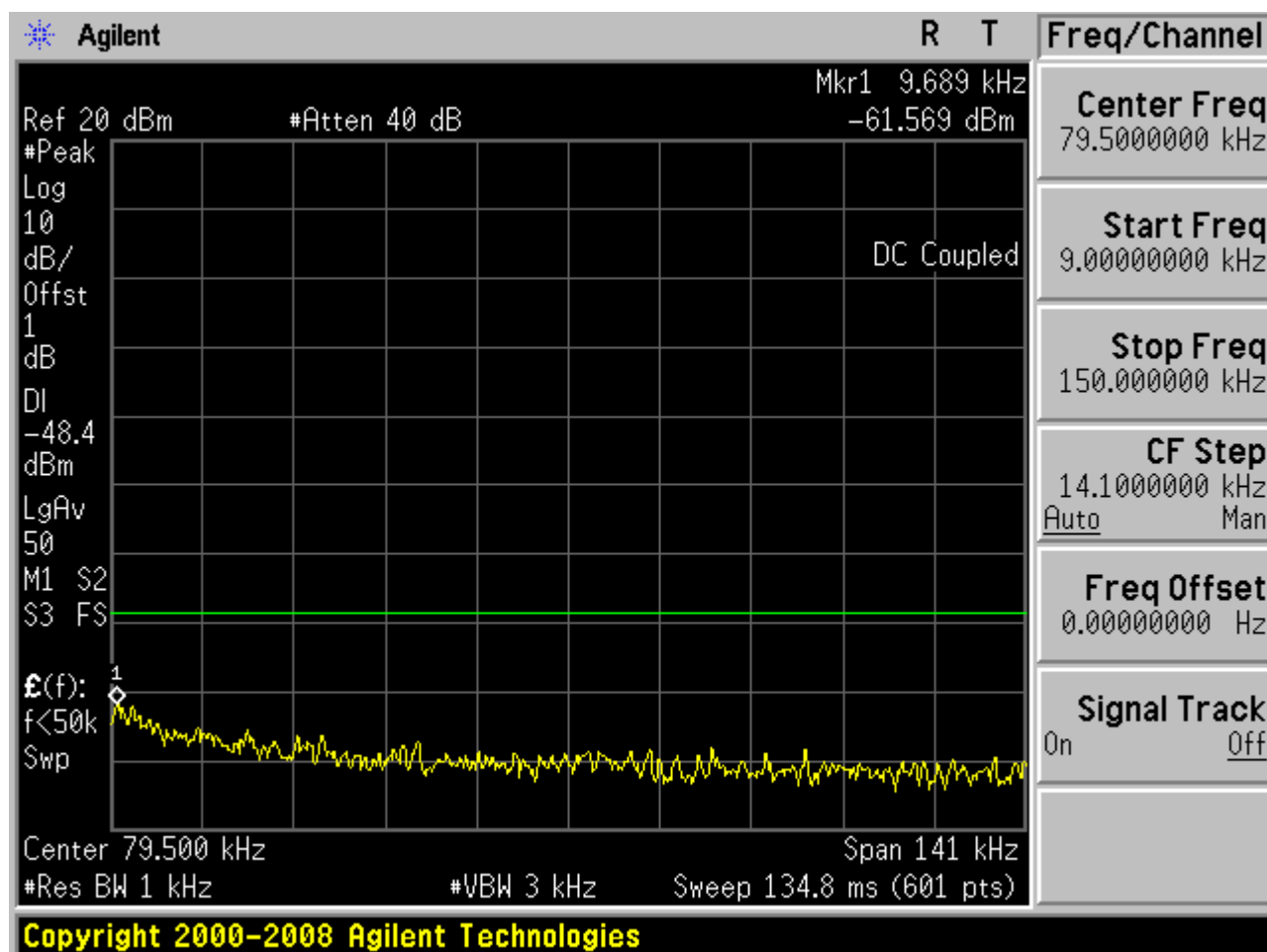


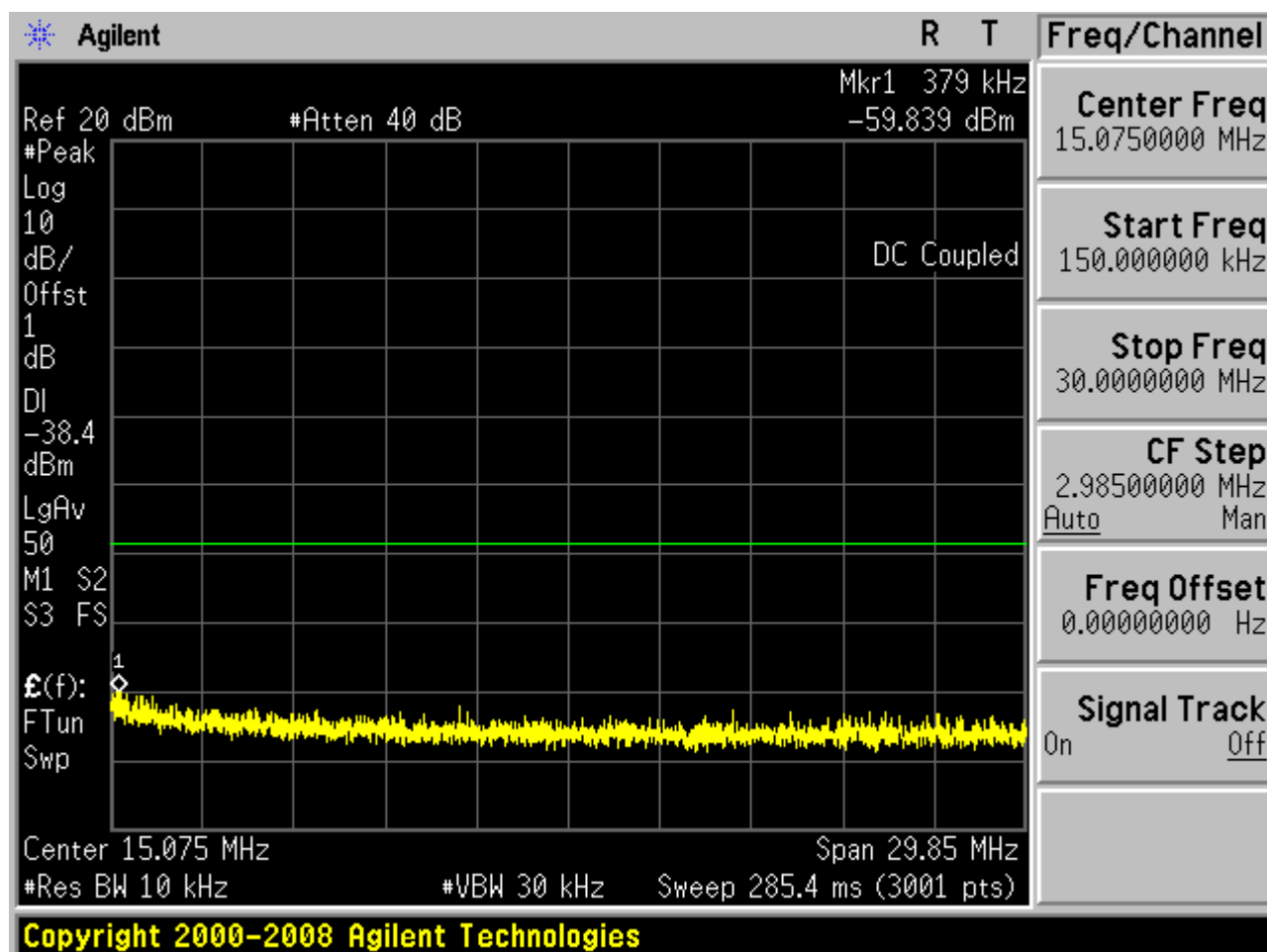
2.3 TM1_DH5_Ch39

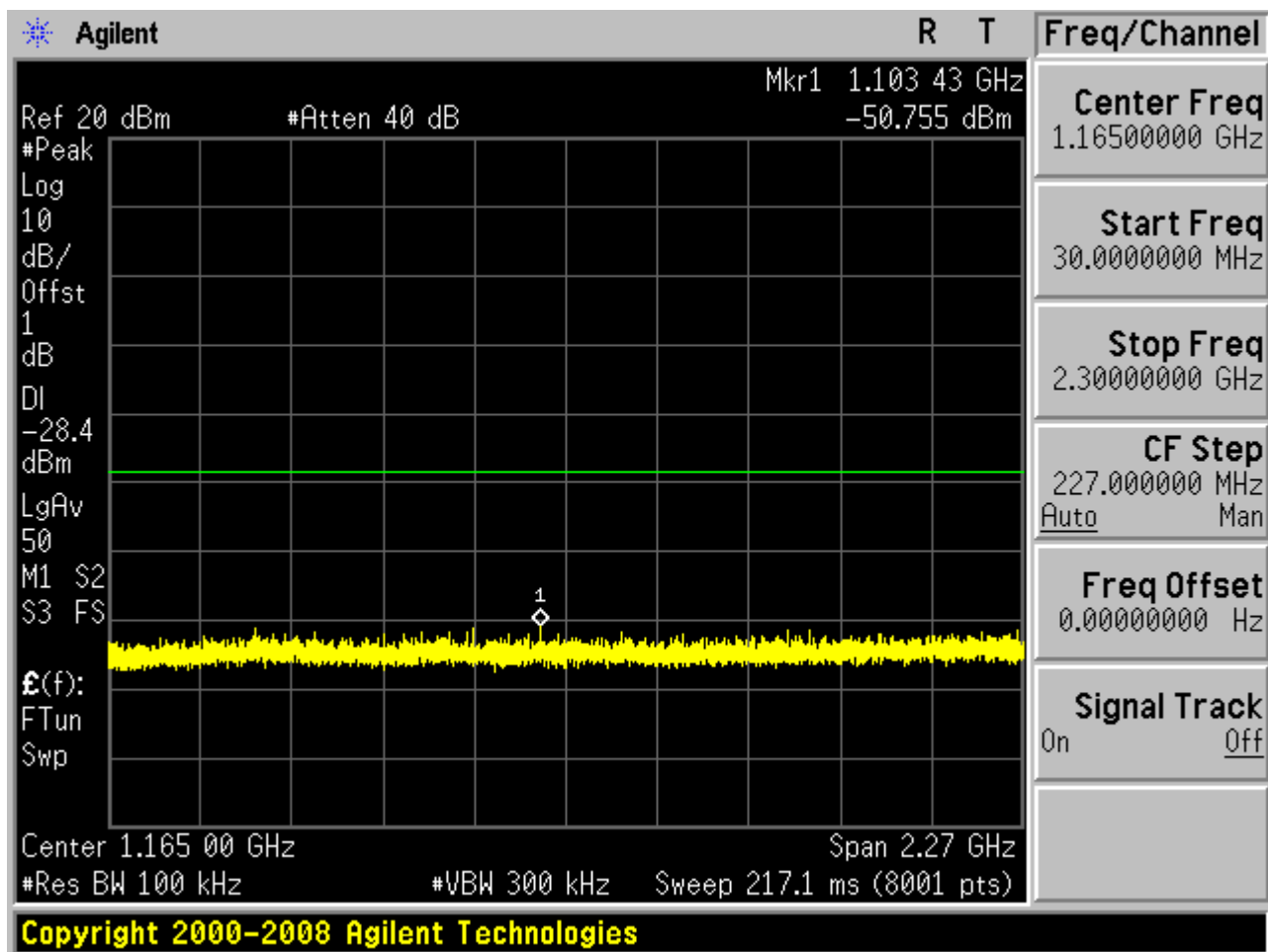
2.3.1 Pref

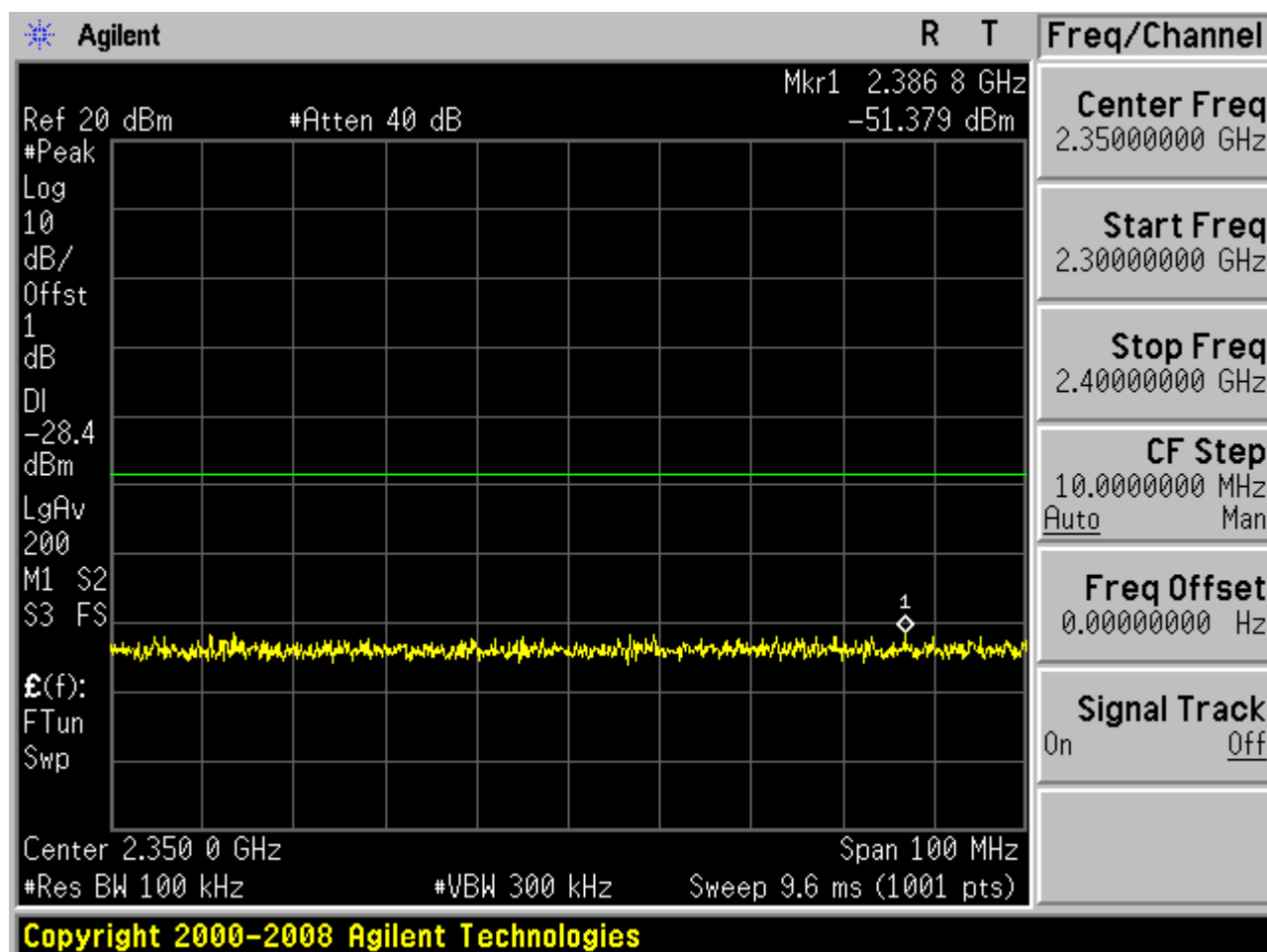


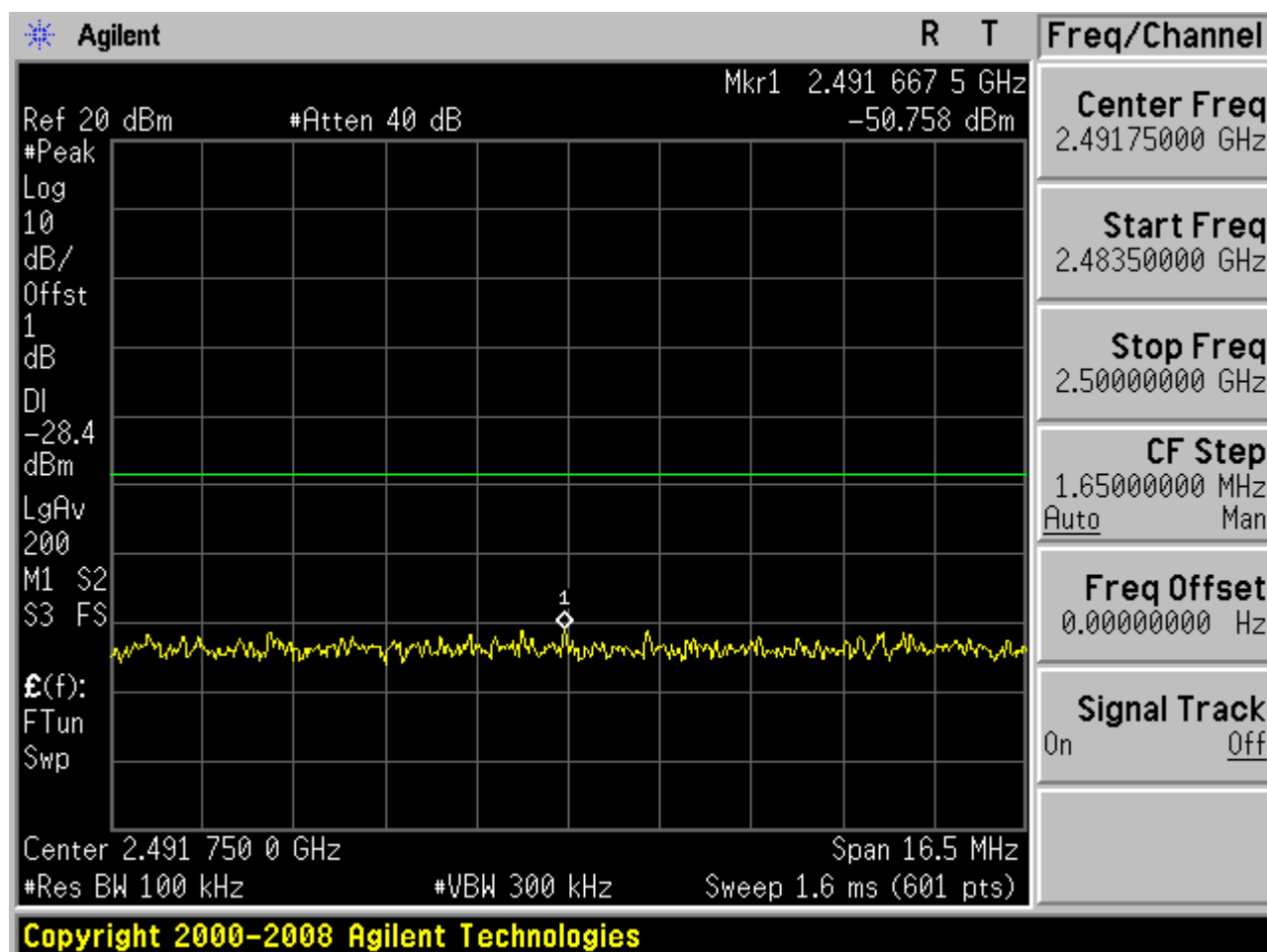
2.3.2 Puw

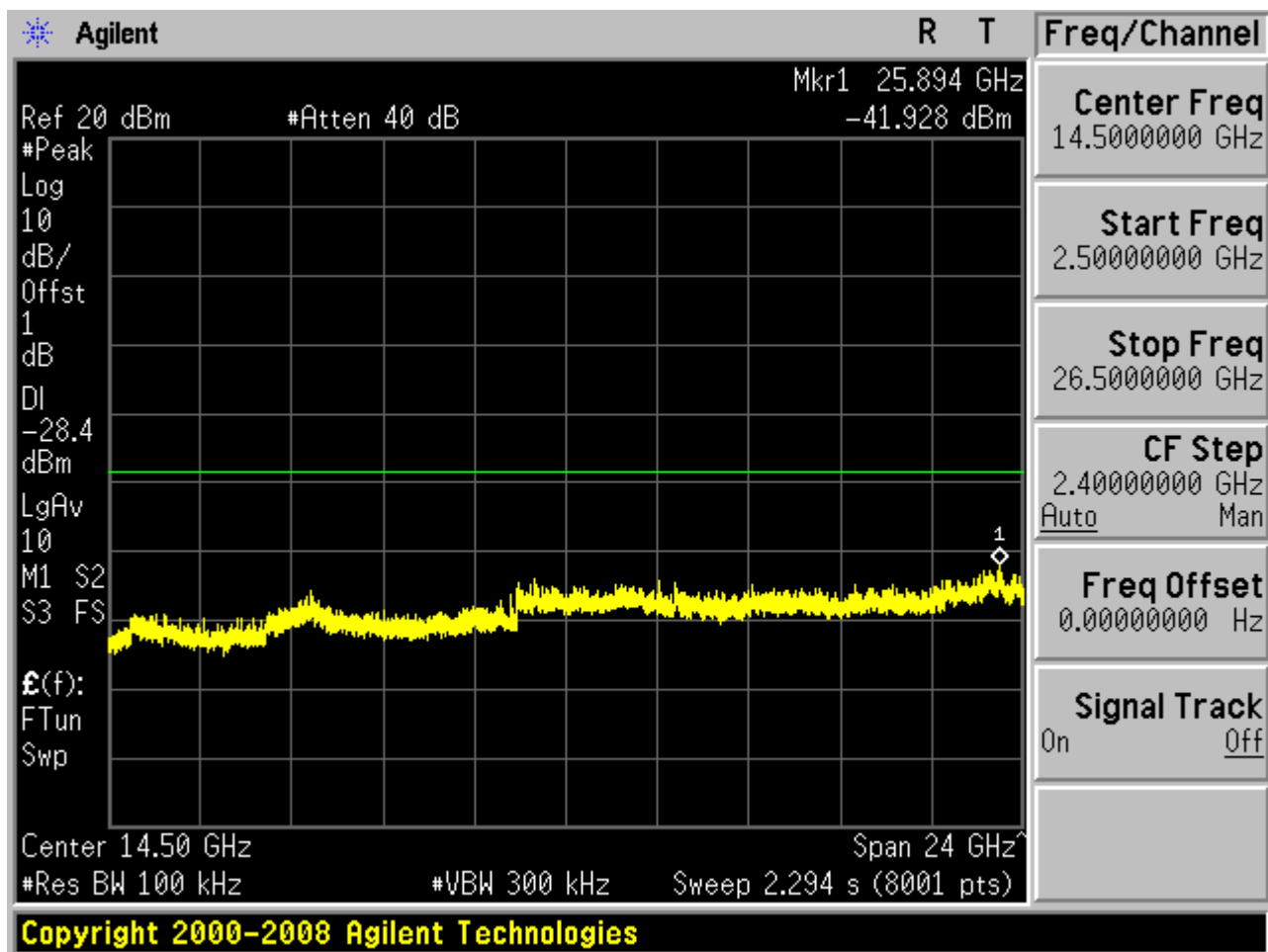












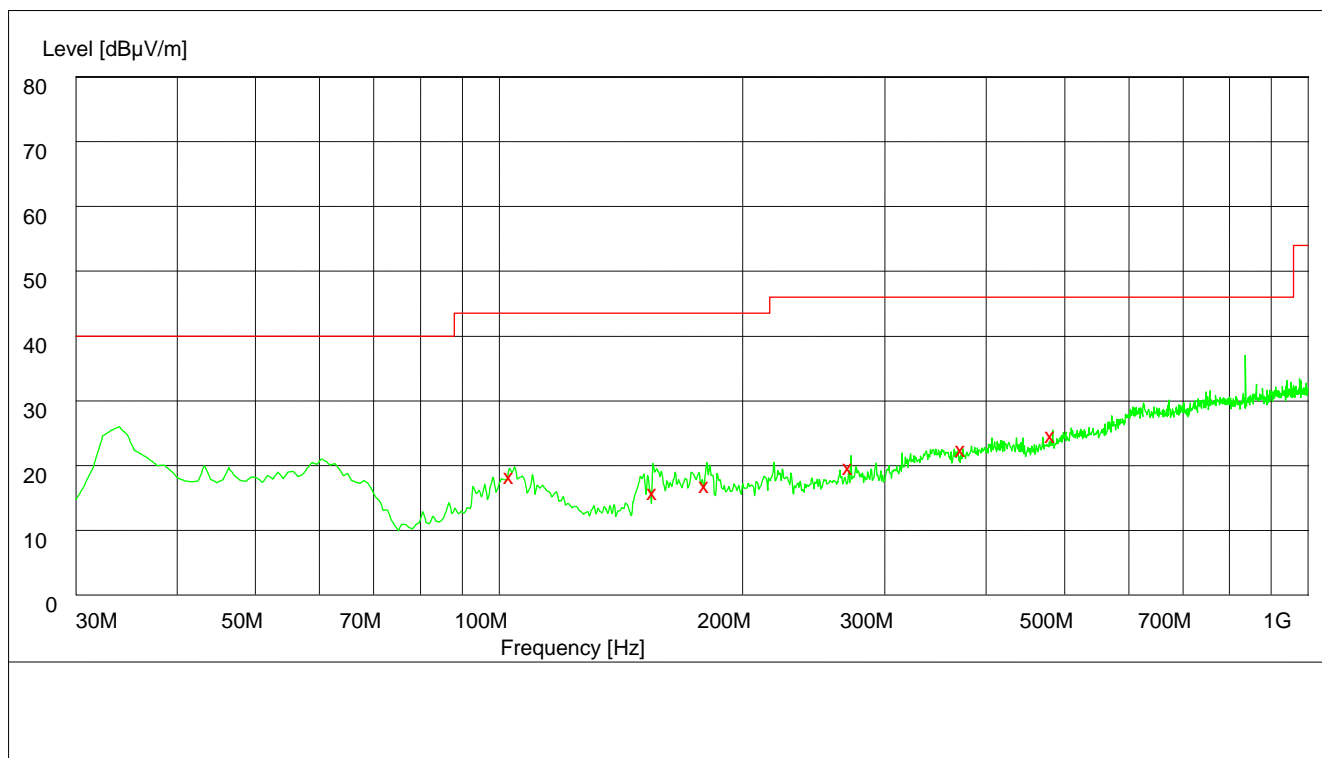
Appendix F

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.

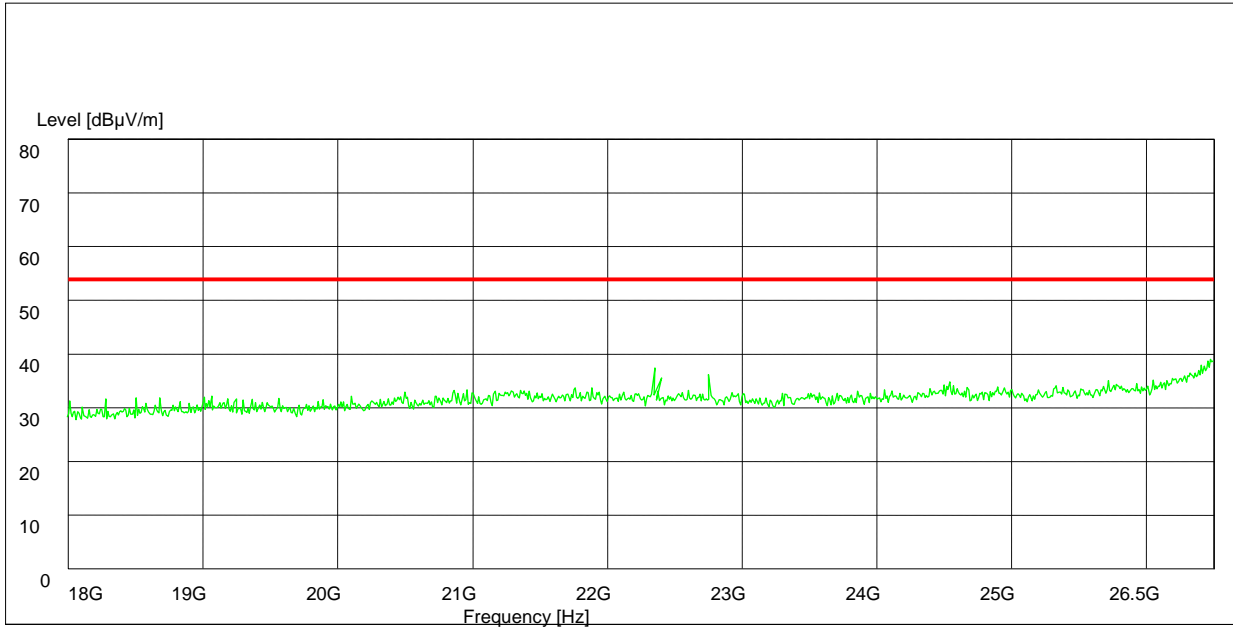
Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Plarization
103.596000	19.70	13.2	43.5	23.8	128.0	360.00	VERTICAL
155.776000	17.30	10.1	43.5	26.2	100.0	96.00	VERTICAL
180.784000	18.30	11.4	43.5	25.2	118.0	127.00	VERTICAL
271.632000	21.20	14.5	46.0	24.8	147.0	78.00	HORIZONTAL
374.124000	24.00	16.9	46.0	22.0	100.0	27.00	HORIZONTAL
483.484000	26.00	18.9	46.0	20.0	100.0	165.00	HORIZONTAL

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

Note: No peak found in pre- test.

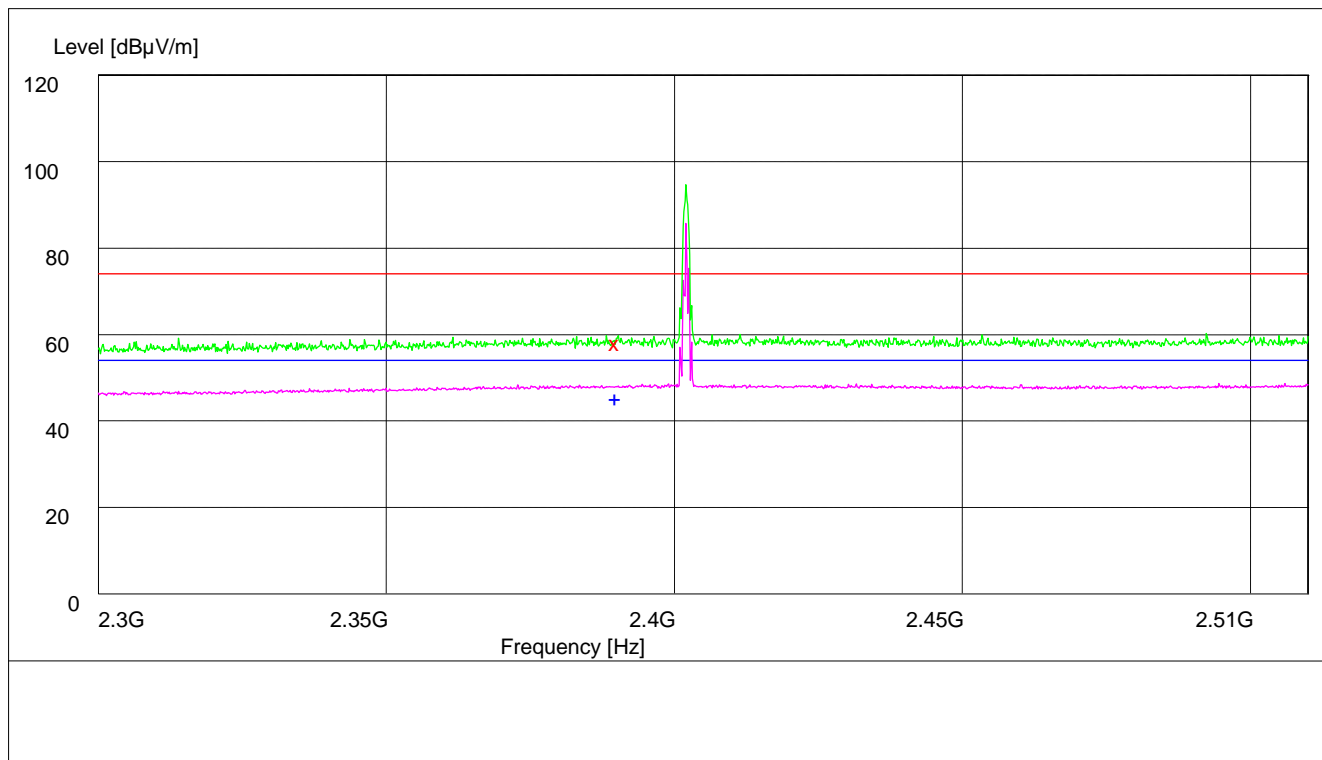


Part 3: Testing Range of “2.3GHz to 2.5GHz”

- 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.

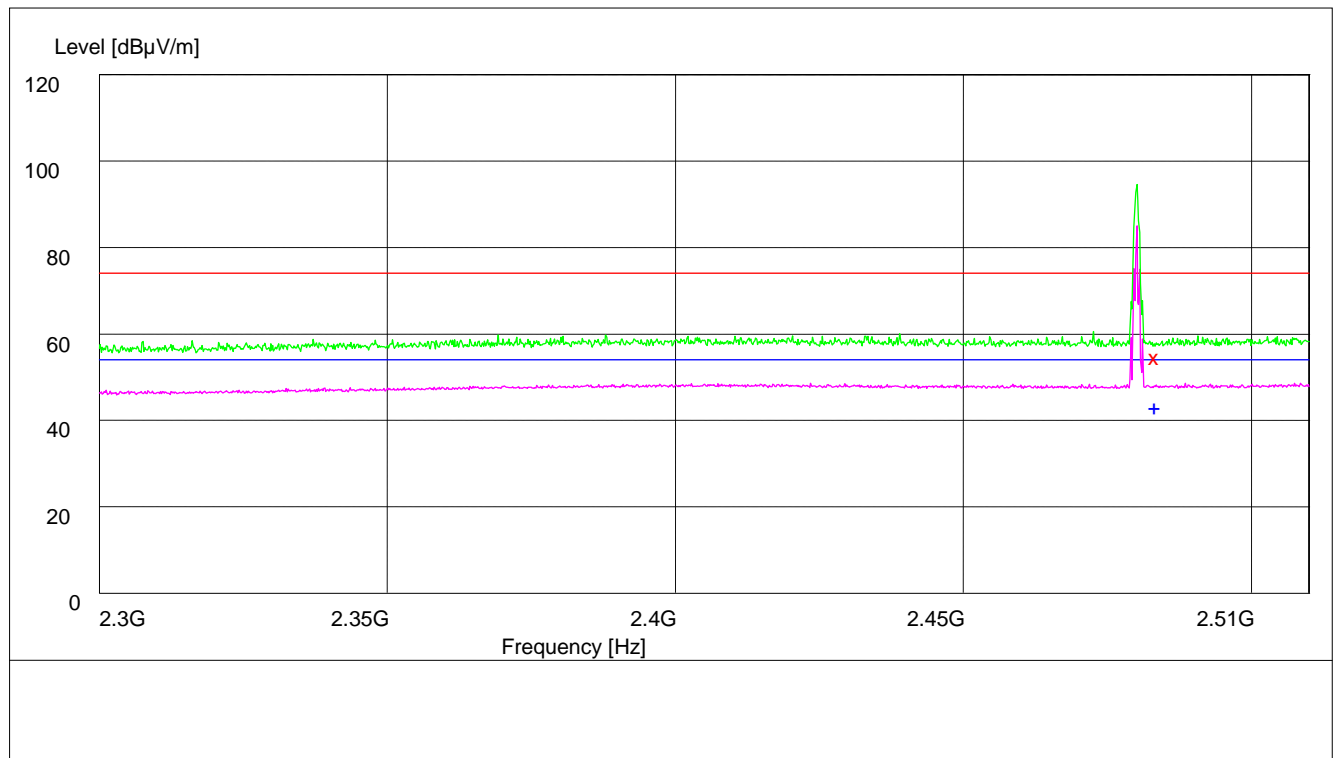
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.20	34.8	74.0	13.8	130.0	318.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.50	34.8	54.0	6.5	105.0	360.00	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
2483.500000	56.70	35.1	74.0	17.3	160.0	85.00	VERTICAL

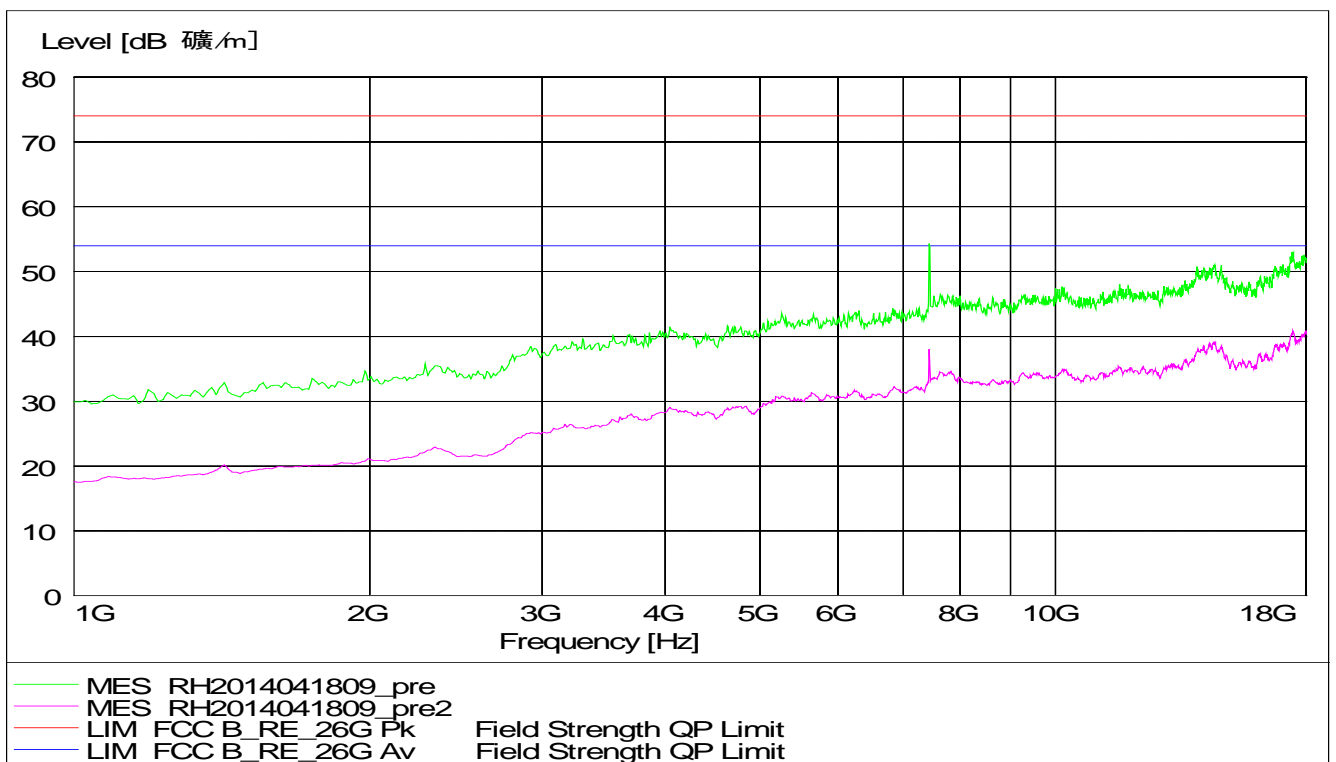
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	45.30	35.1	54.0	8.7	166.0	230.00	VERTICAL

3.3

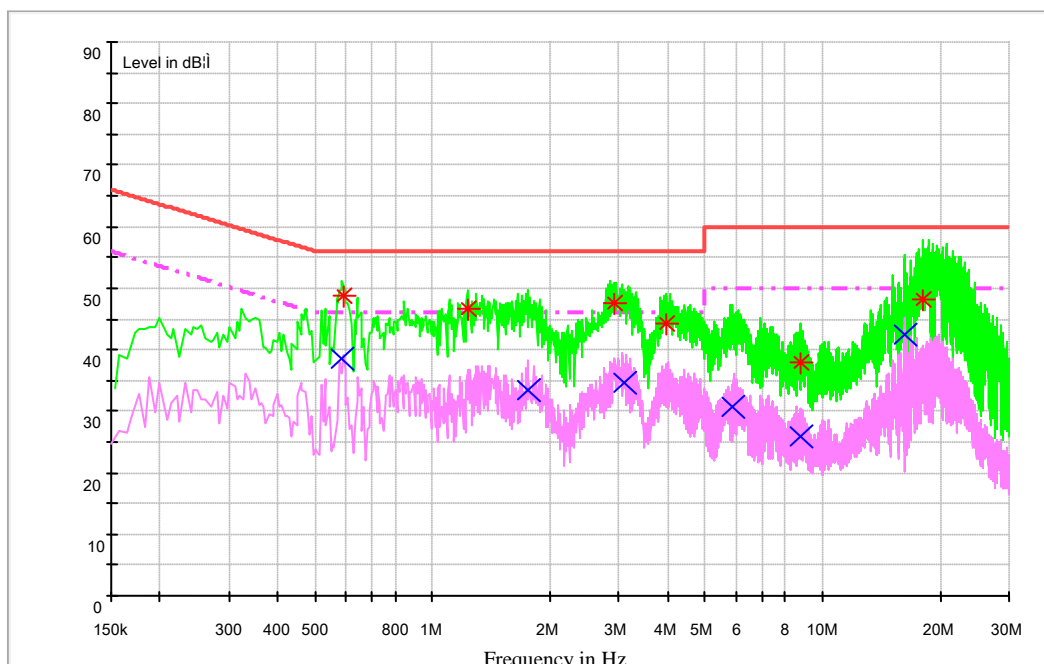
Part 4: Testing Range of “1 GHz to 18 GHz”

- 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



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV	Line	Transd dB	Margin dB	Limit dBμV	PE
0.588626	48.8	N	9.7	7.2	56.0	FLO
1.234602	46.5	N	9.7	9.5	56.0	FLO
2.922676	47.7	N	9.7	8.3	56.0	FLO
3.972106	44.4	N	9.8	11.6	56.0	FLO
8.764336	37.8	N	9.9	22.2	60.0	FLO
18.097732	48.1	N	10.1	11.9	60.0	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Line	Transd dB	Margin dB	Limit dBμV	PE
0.586036	38.4	N	9.7	7.6	46.0	FLO
1.762253	33.3	N	9.7	12.7	46.0	FLO
3.101534	34.6	N	9.7	11.4	46.0	FLO
5.850548	30.8	N	9.8	19.2	50.0	FLO
8.802990	25.9	N	9.9	24.1	50.0	FLO
16.309590	42.6	N	10.1	7.4	50.0	FLO

END