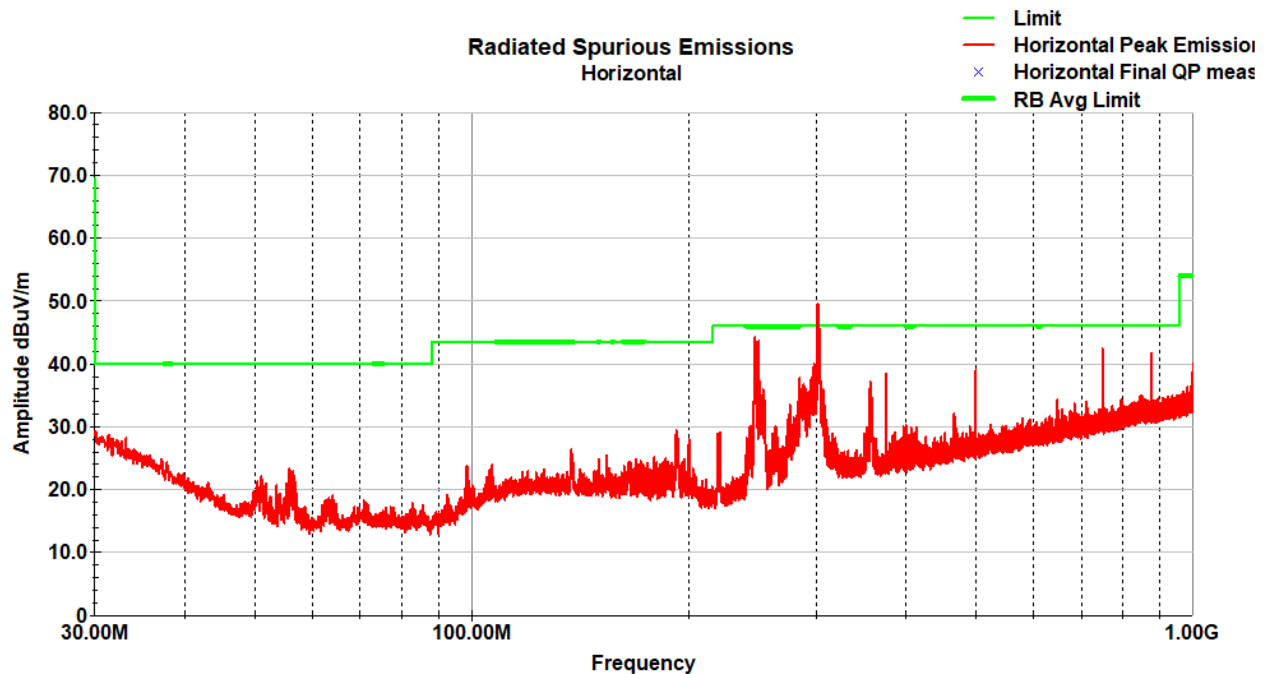
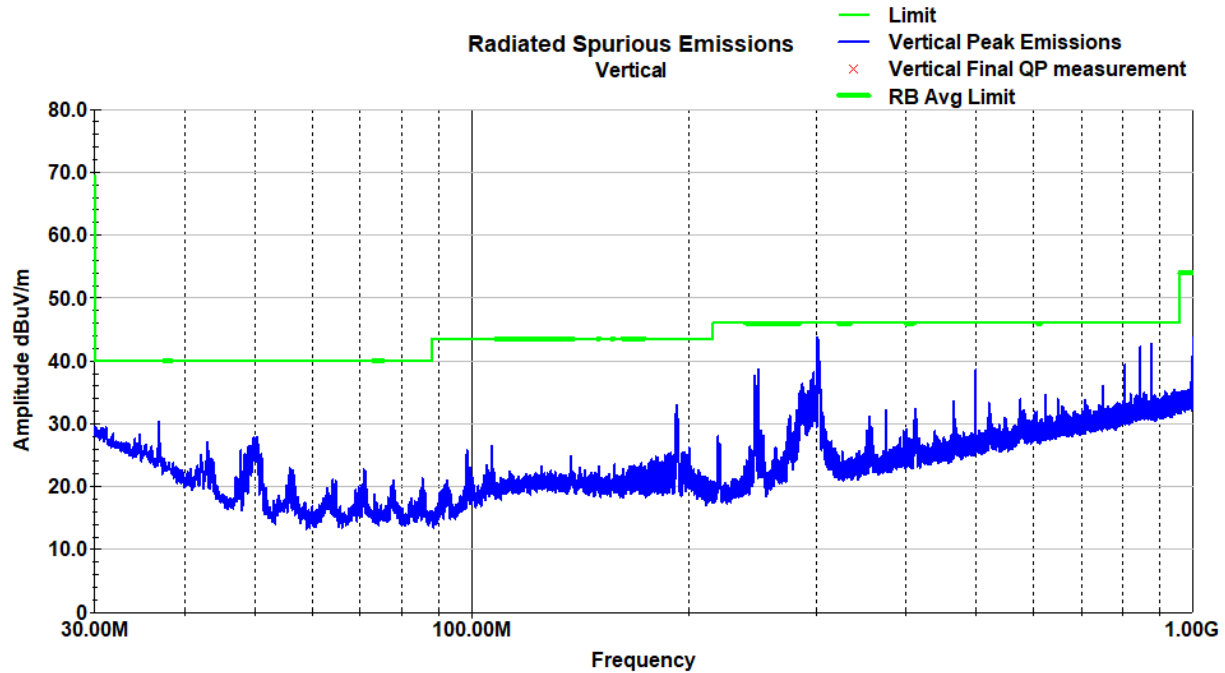


3.9 Test Data: 7-inch Display – U-NII Band 3 – 802.11n

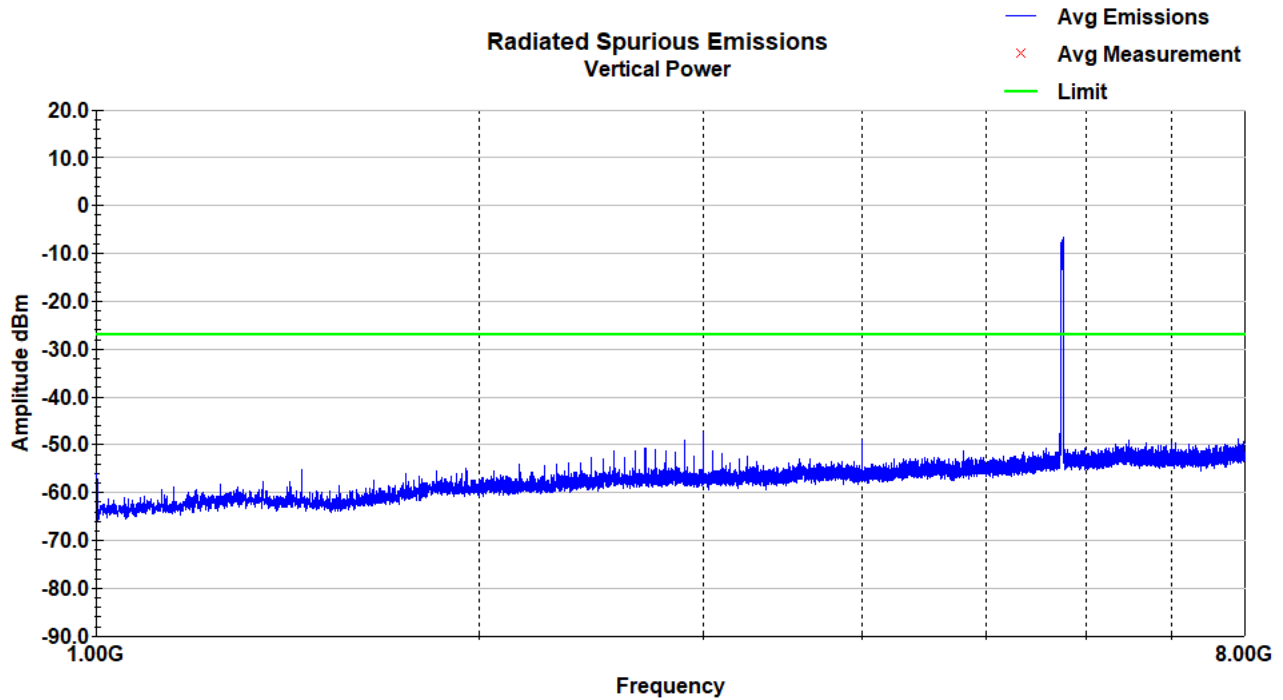
3.9.1 30-1000 MHz

Emissions were confirmed to be non-radio emissions. All channels had similar plots (worst case shown).



3.9.2 1-18 GHz

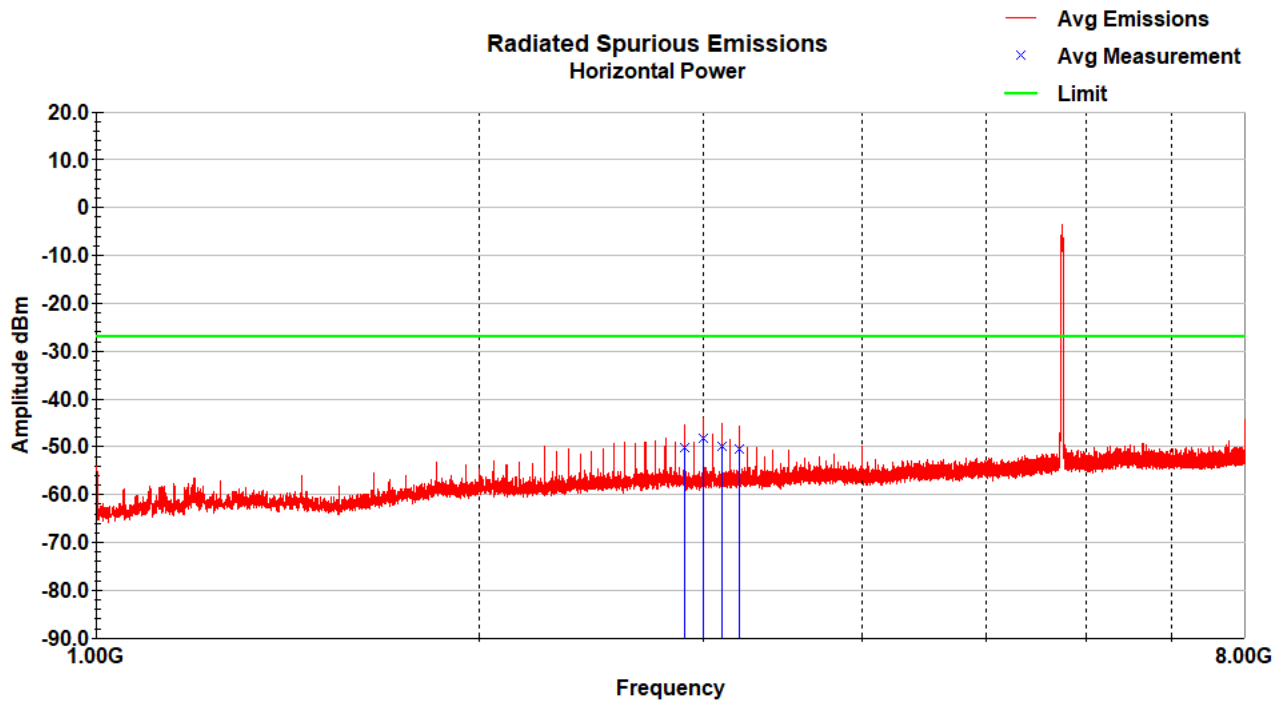
Vertical Plot – 1-8GHz – Low Channel



Vertical Data – 1-8GHz – Low Channel

No emissions within 20dB of limit

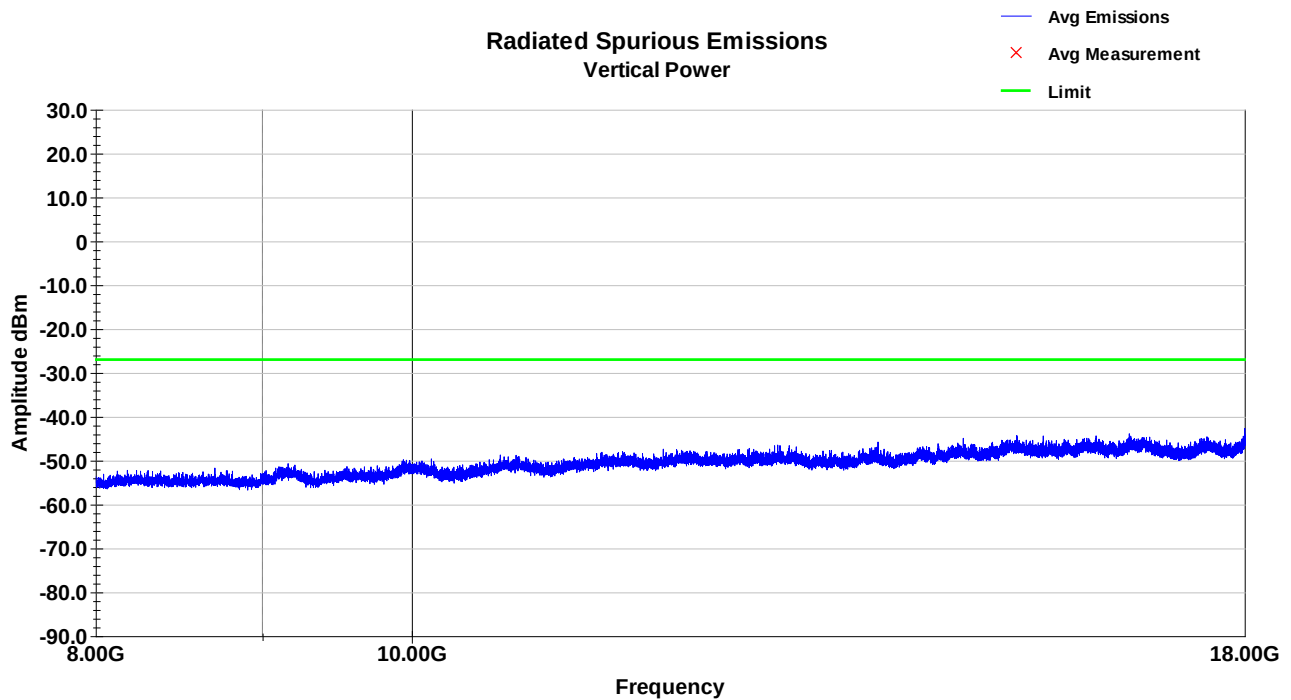
Horizontal Plot – 1-8GHz – Low Channel



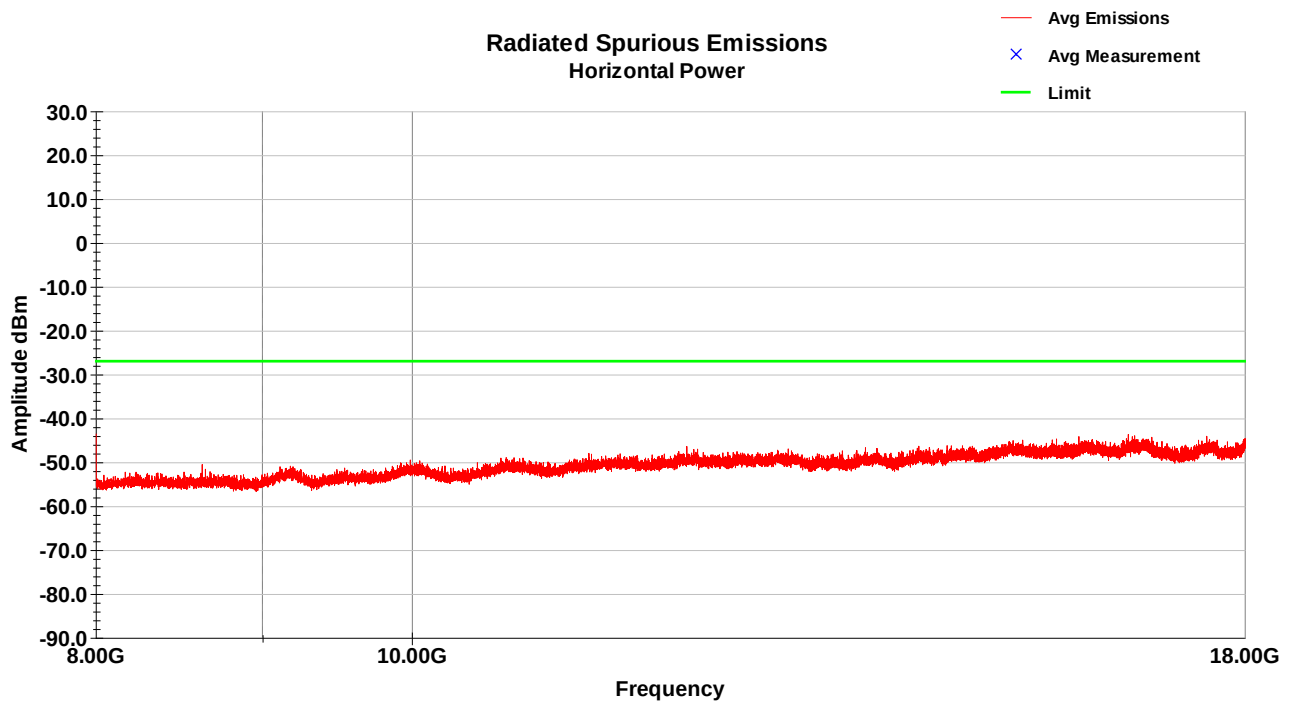
Horizontal Data – 1-8GHz – Low Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.71	-43.2	H	251.0	185.0	32.3	2.7	42.0	-50.2	-27.0	-23.2
3000.05	-41.5	H	233.0	117.0	32.4	2.8	42.0	-48.2	-27.0	-21.2
3099.67	-43.6	H	254.0	156.0	32.8	2.8	41.9	-50.0	-27.0	-23.0
3199.90	-44.2	H	253.0	163.0	32.8	2.9	41.8	-50.4	-27.0	-23.4
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

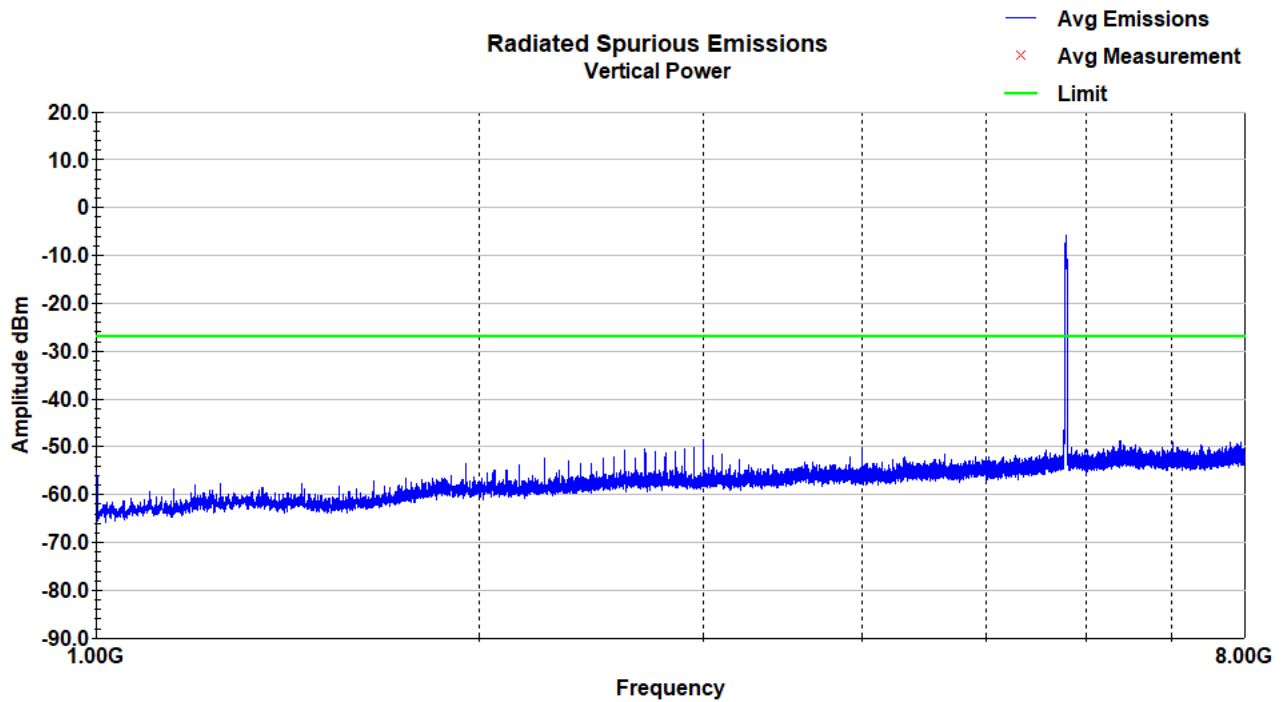
Vertical Plot – 8-18GHz – Low Channel



Horizontal Plot – 8-18GHz – Low Channel



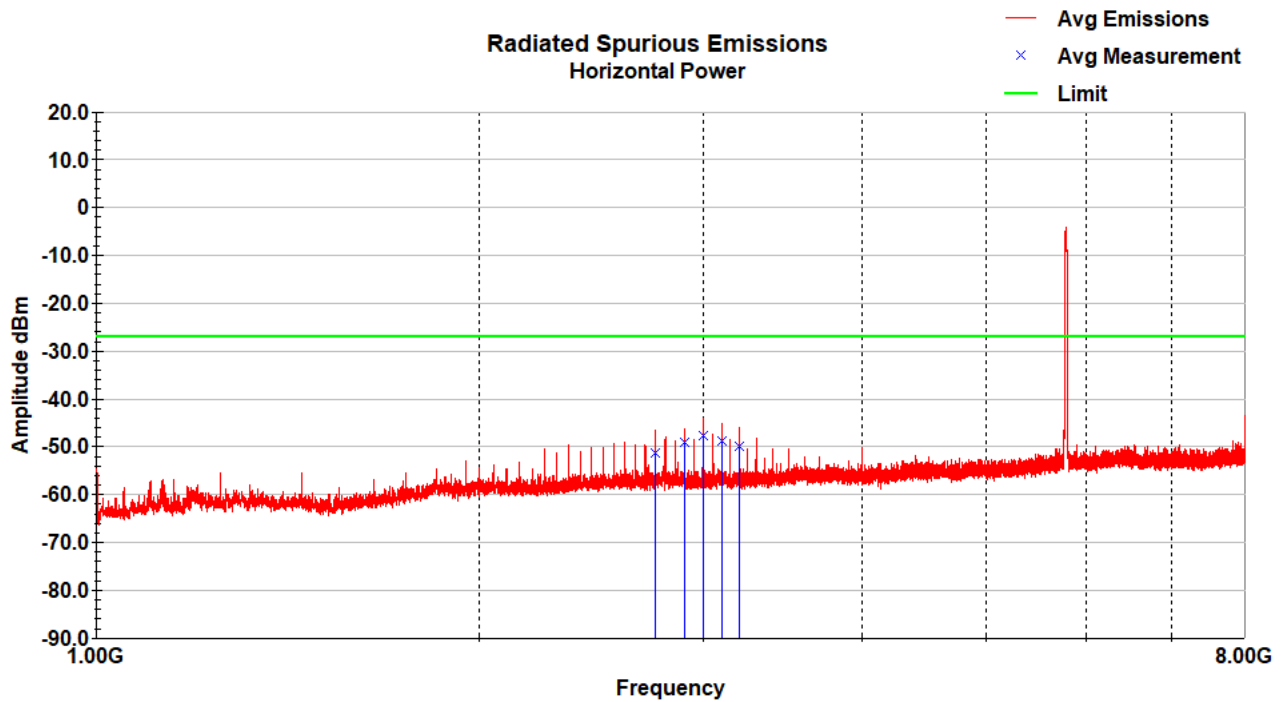
Vertical Plot – 1-8GHz – Mid Channel



Vertical Data – 1-8GHz – Mid Channel

No emissions within 20dB of limit

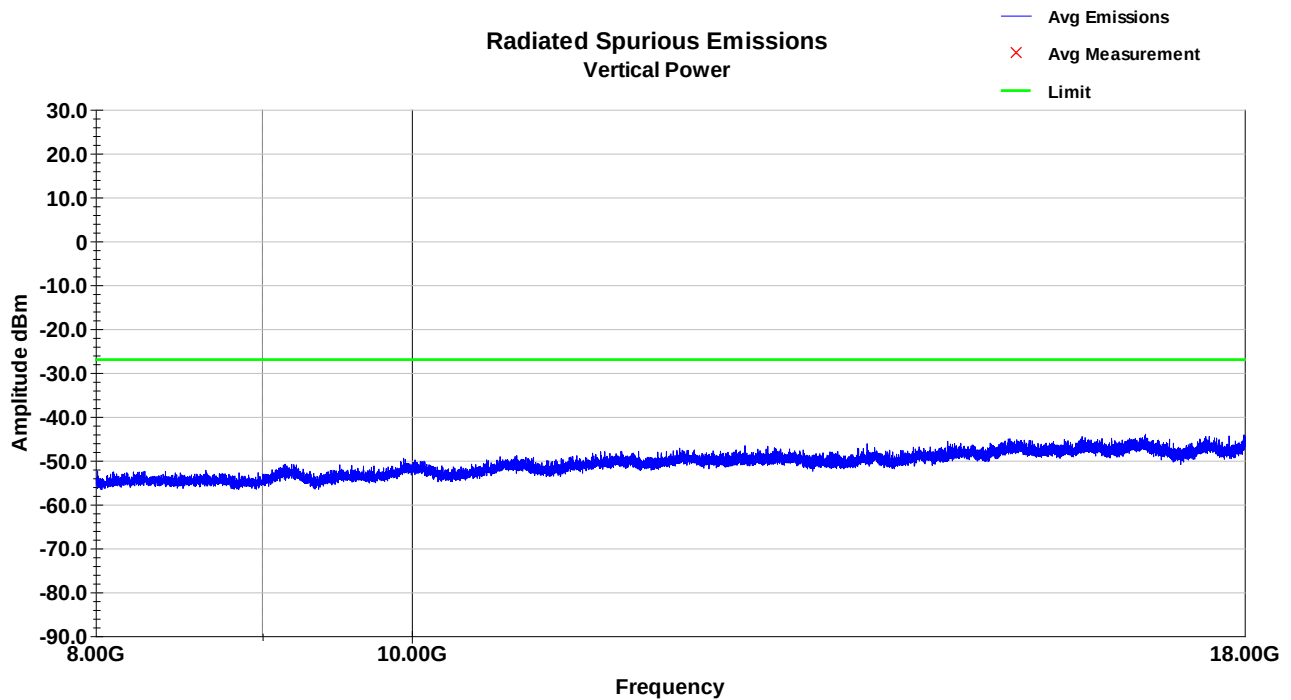
Horizontal Plot – 1-8GHz – Mid Channel



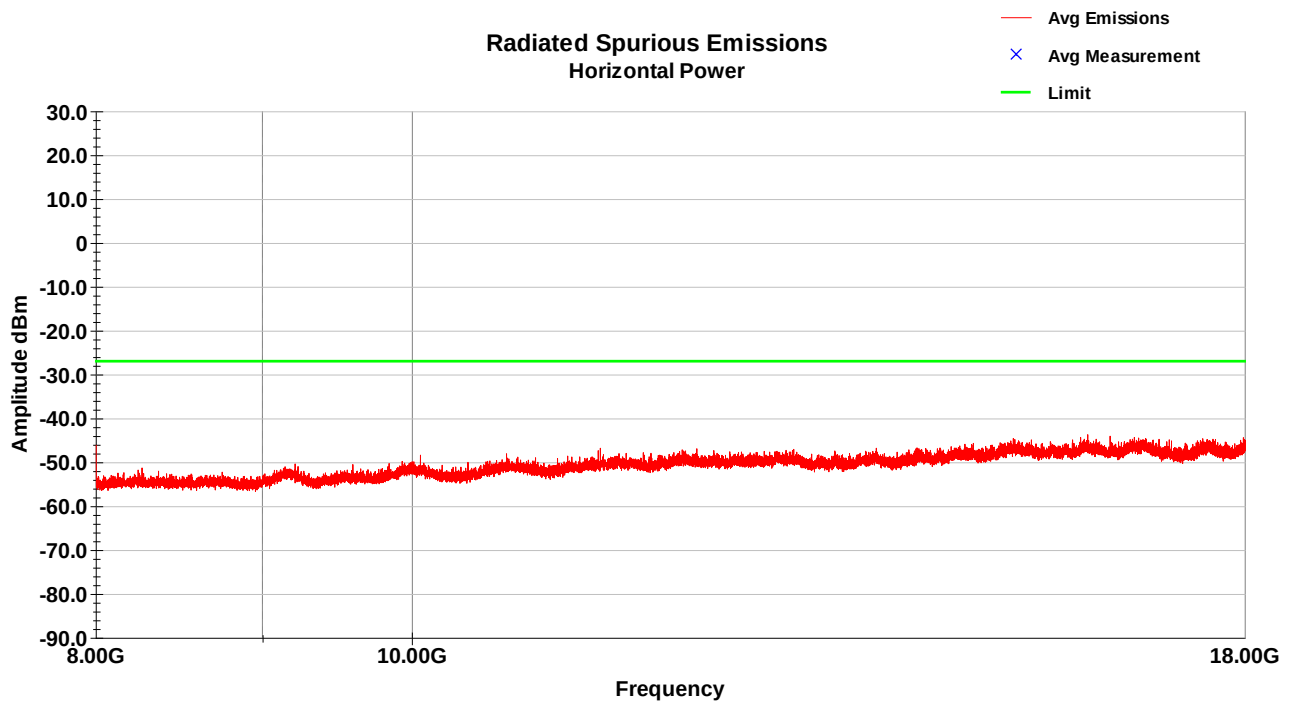
Horizontal Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2749.92	-44.4	H	221.0	118.0	32.4	2.7	42.1	-51.4	-27.0	-24.4
2900.07	-42.2	H	255.0	181.0	32.3	2.7	42.0	-49.2	-27.0	-22.2
2999.93	-40.9	H	239.0	174.0	32.4	2.8	42.0	-47.7	-27.0	-20.7
3100.03	-42.5	H	225.0	100.0	32.8	2.8	41.9	-48.8	-27.0	-21.8
3200.01	-43.8	H	257.0	156.0	32.8	2.9	41.8	-50.0	-27.0	-23.0
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

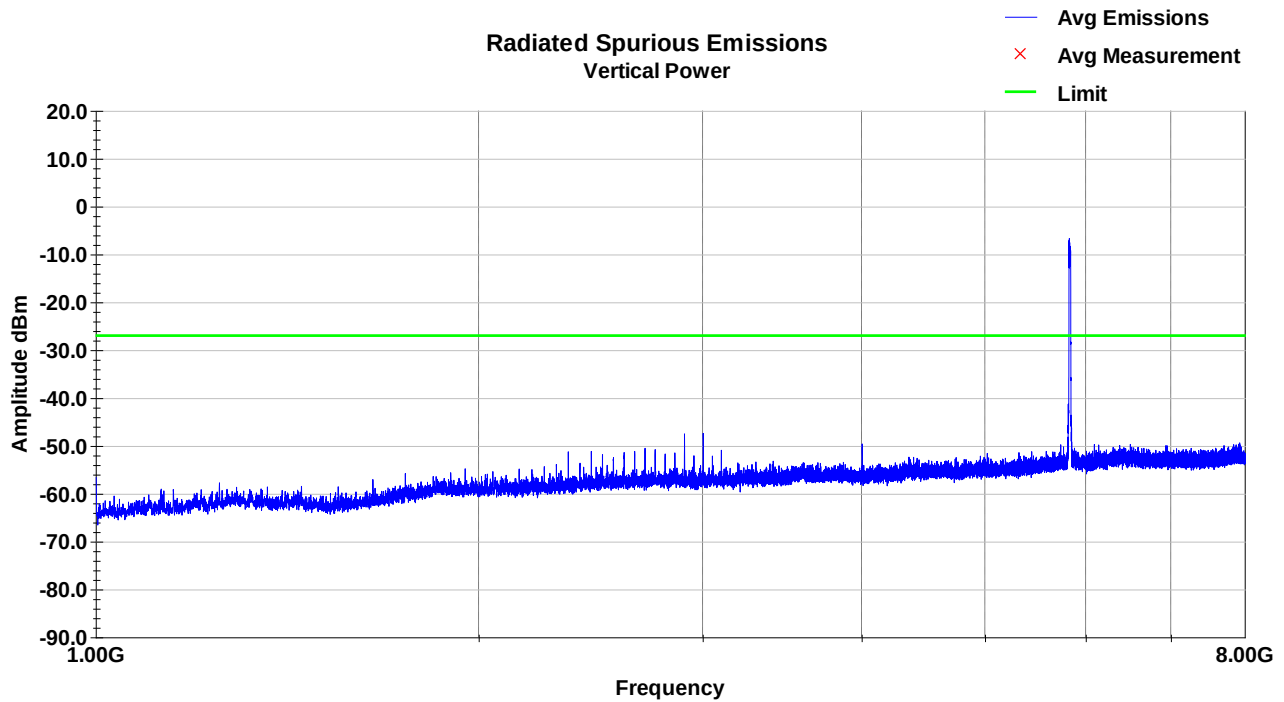
Vertical Plot – 8-18GHz – Mid Channel



Horizontal Plot – 8-18GHz – Mid Channel



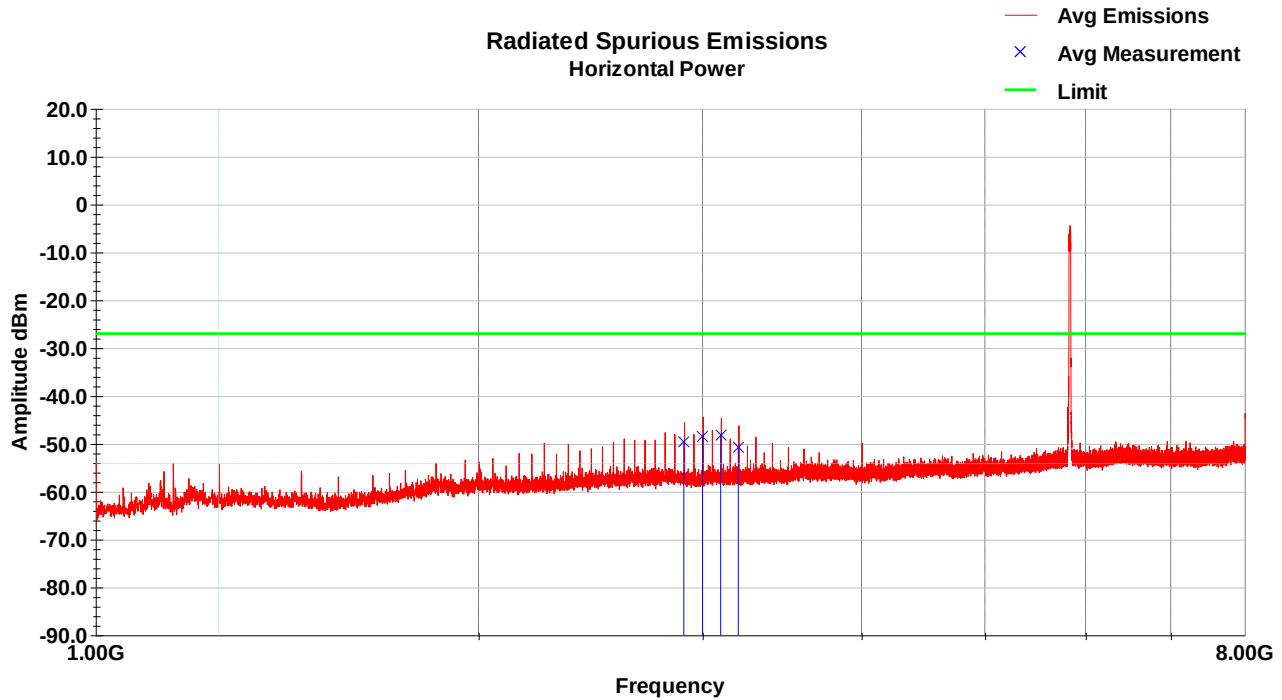
Vertical Plot – 1-8GHz – High Channel



Vertical Data – 1-8GHz – High Channel

No emissions within 20dB of limit

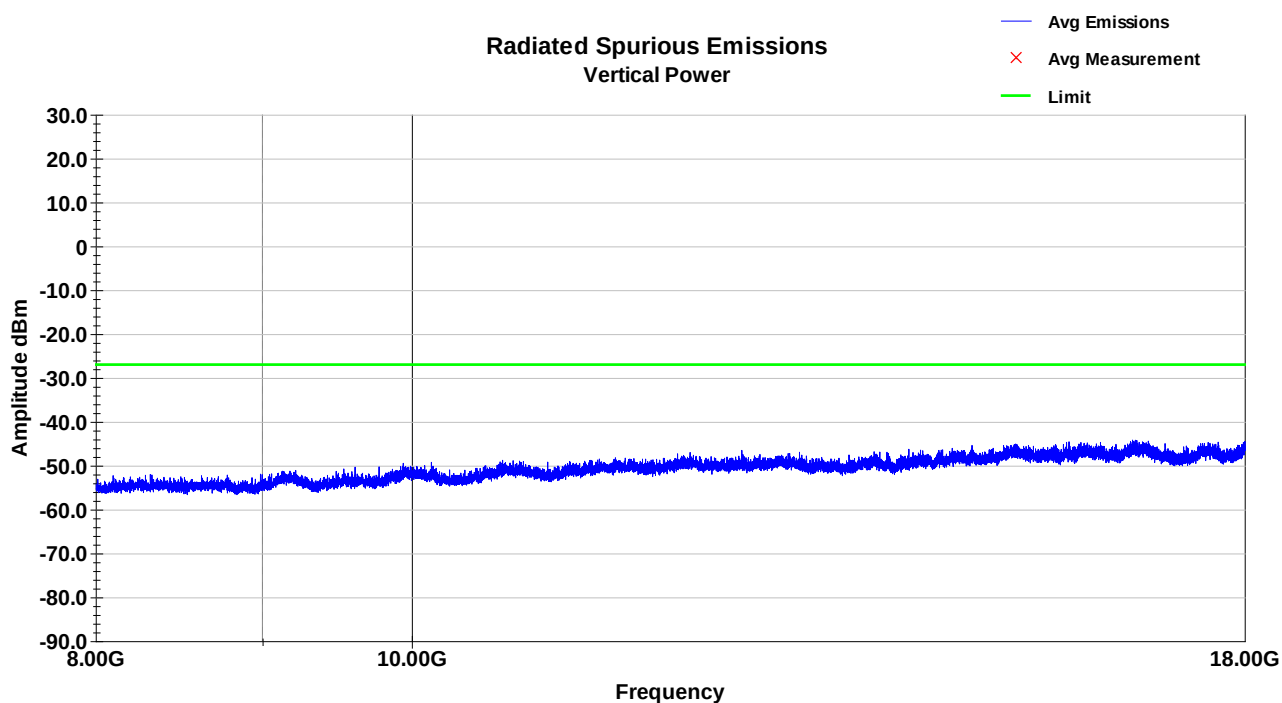
Horizontal Plot – 1-8GHz – High Channel



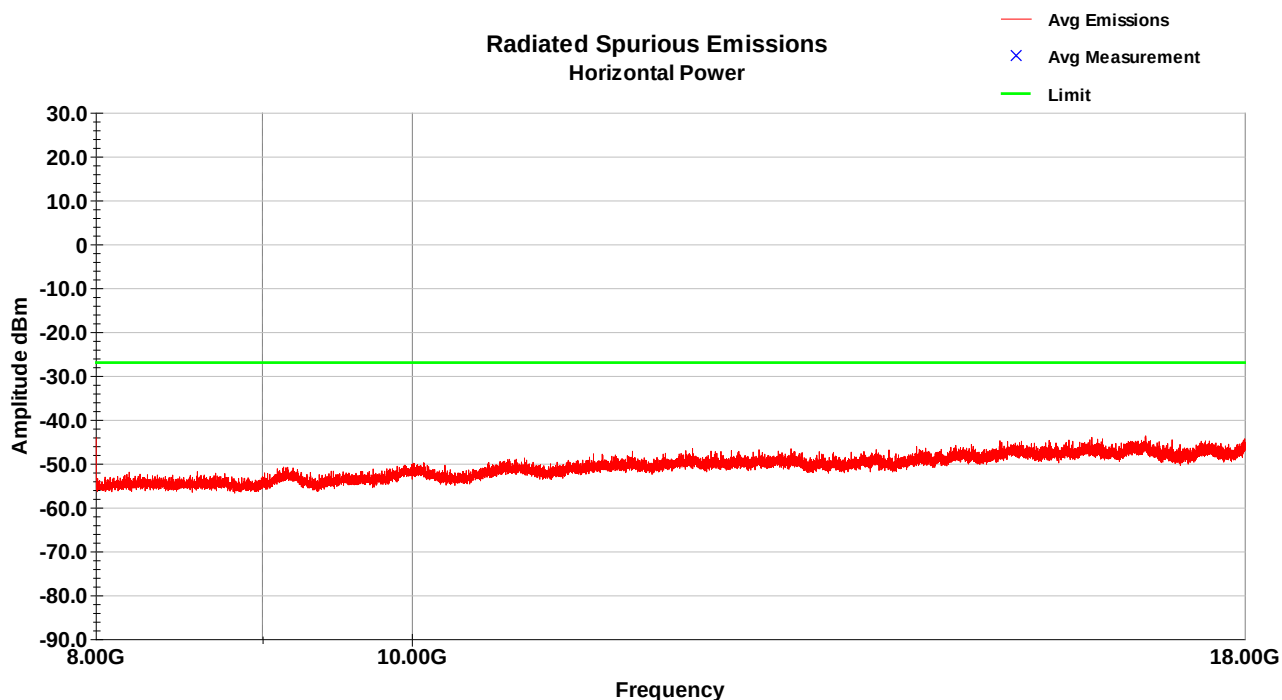
Horizontal Data – 1-8GHz – High Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.84	-42.7	H	251.0	178.0	32.3	2.7	42.0	-49.7	-27.0	-22.7
2999.94	-41.7	H	234.0	139.0	32.4	2.8	42.0	-48.5	-27.0	-21.5
3099.92	-41.8	H	253.0	185.0	32.8	2.8	41.9	-48.1	-27.0	-21.1
3200.02	-44.7	H	228.0	125.0	32.8	2.9	41.8	-50.8	-27.0	-23.8
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

Vertical Plot – 8-18GHz – High Channel



Horizontal Plot – 8-18GHz – High Channel

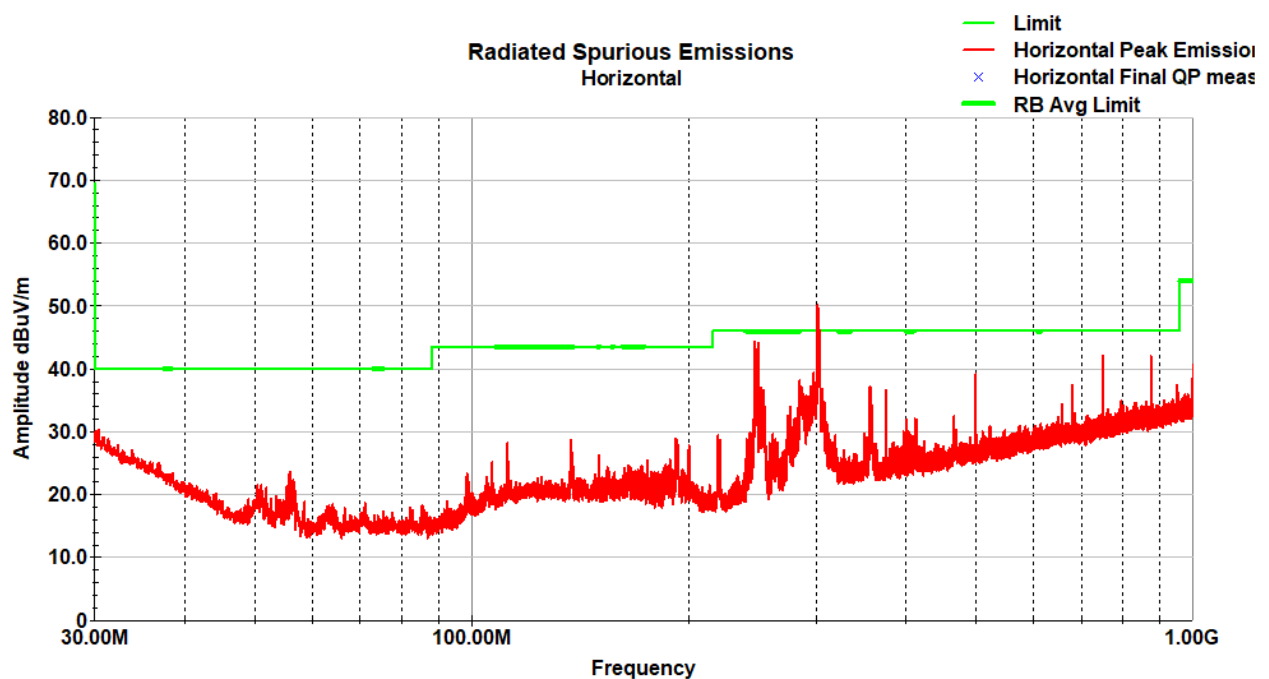
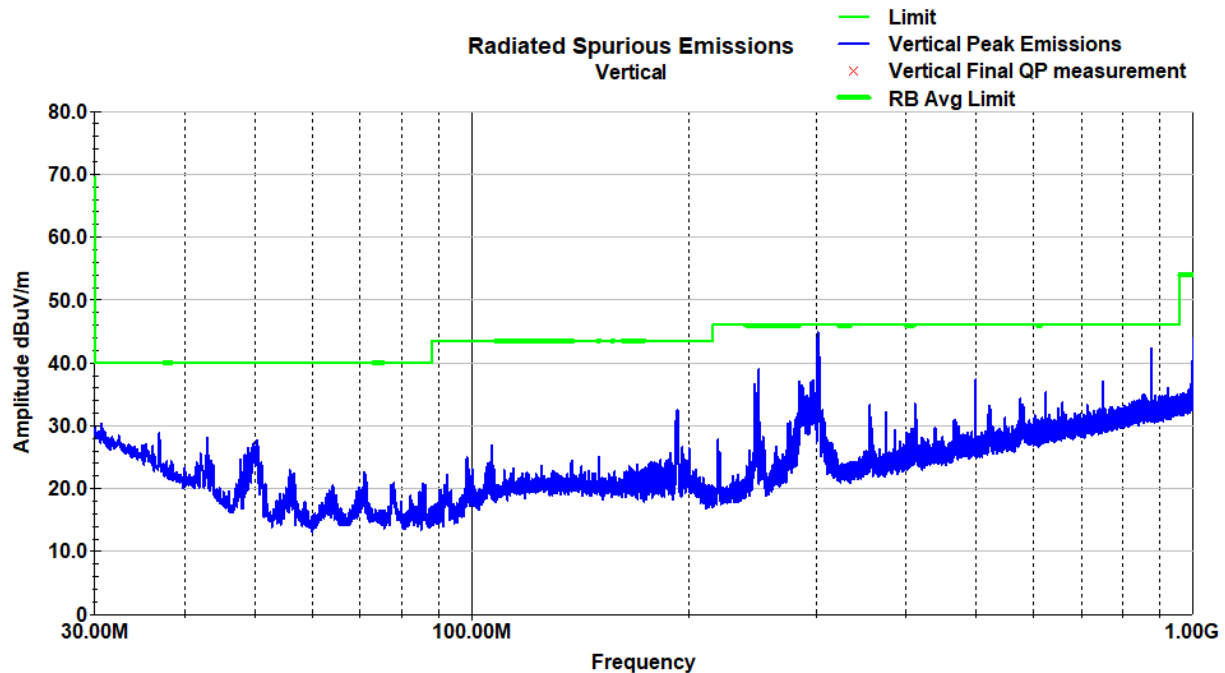


The worst-case final data in this section of -47.7dBm is below the restricted band limit of -41.2dBm. Emissions in the 18-40GHz frequency range were similar to those shown in section 3.5.3 above.

3.10 Test Data: 7-inch Display – U-NII Band 3 – 802.11ac

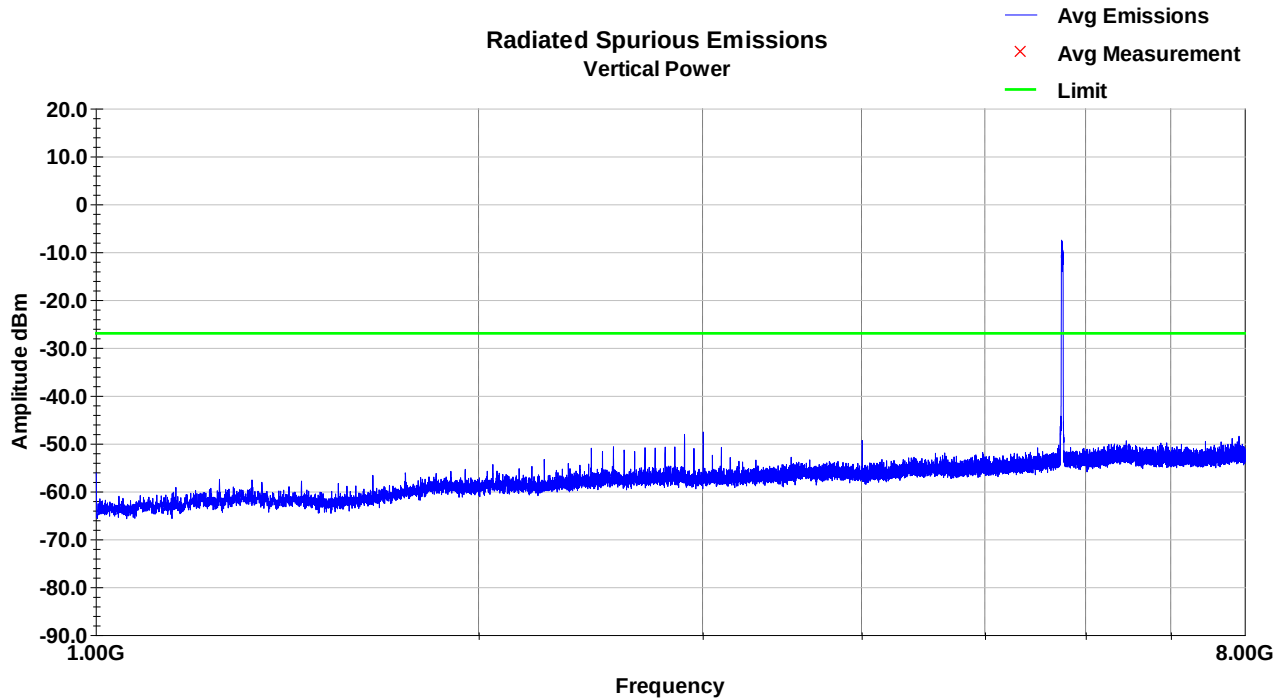
3.10.1 30-1000 MHz

Emissions were confirmed to be non-radio emissions. All channels had similar plots (worst case shown).



3.10.2 1-18 GHz

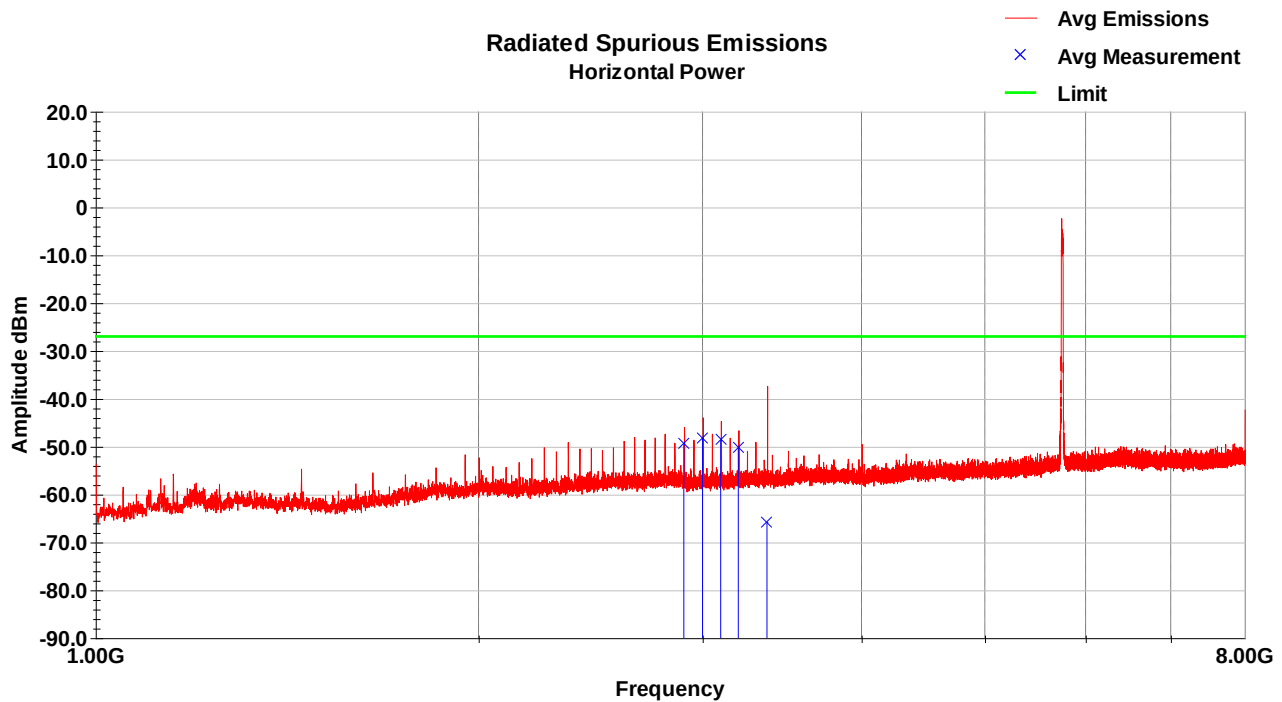
Vertical Plot – 1-8GHz – Low Channel



Vertical Data – 1-8GHz – Low Channel

No emissions within 20dB of limit

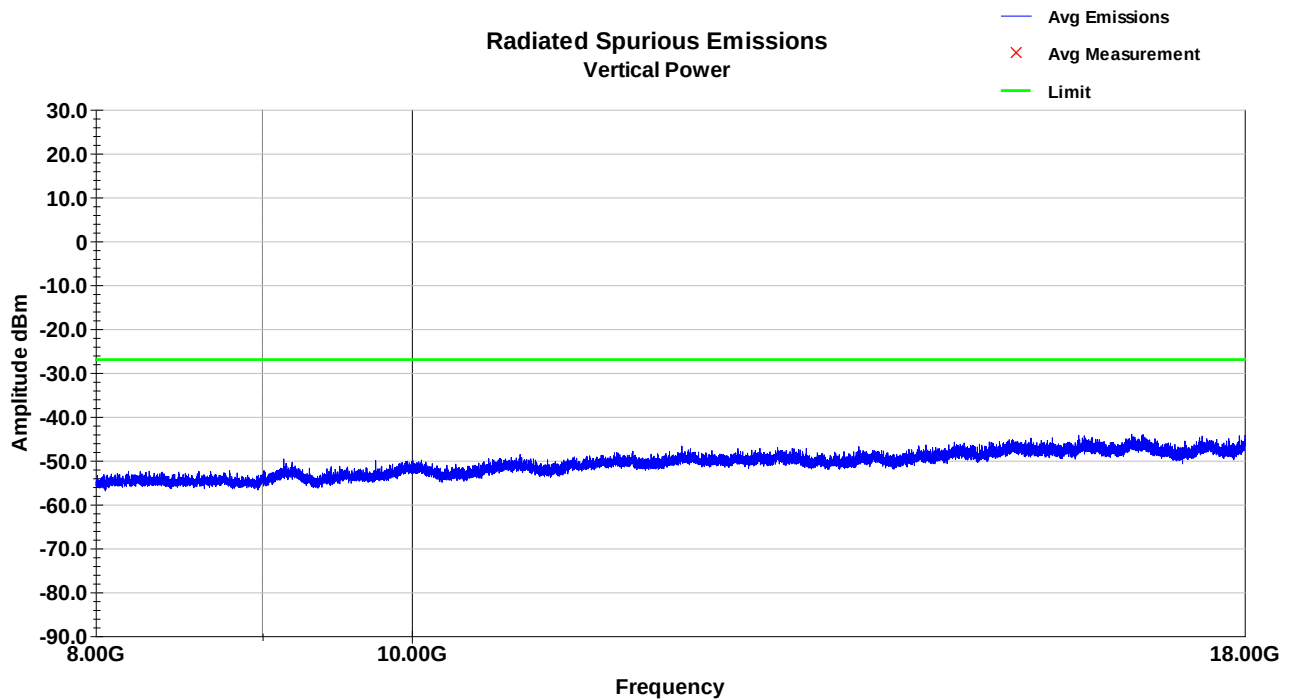
Horizontal Plot – 1-8GHz – Low Channel



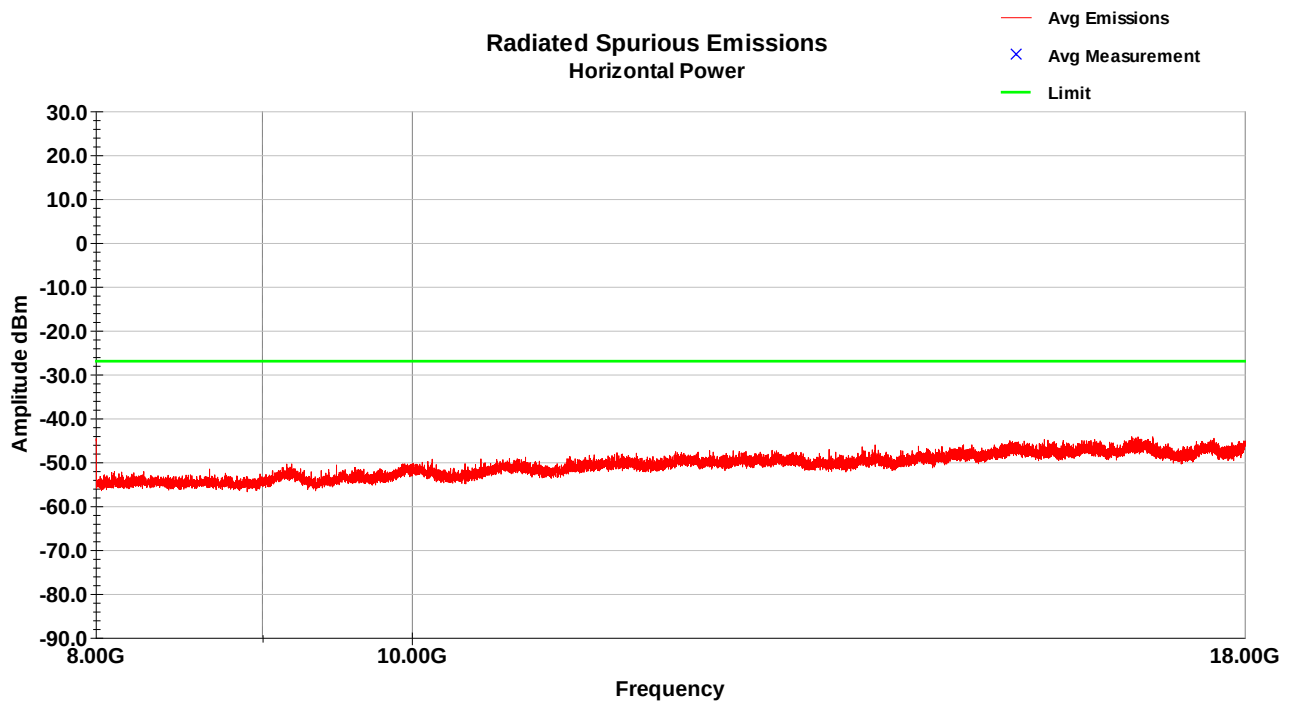
Horizontal Data – 1-8GHz – Low Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.95	-42.4	H	257.0	187.0	32.3	2.7	42.0	-49.4	-27.0	-22.4
2999.94	-41.5	H	234.0	117.0	32.4	2.8	42.0	-48.2	-27.0	-21.2
3100.04	-42.3	H	230.0	100.0	32.8	2.8	41.9	-48.6	-27.0	-21.6
3200.14	-44.0	H	250.0	129.0	32.8	2.9	41.8	-50.2	-27.0	-23.2
3371.18	-59.4	H	277.0	124.0	32.6	3.0	41.9	-65.7	-27.0	-38.7
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

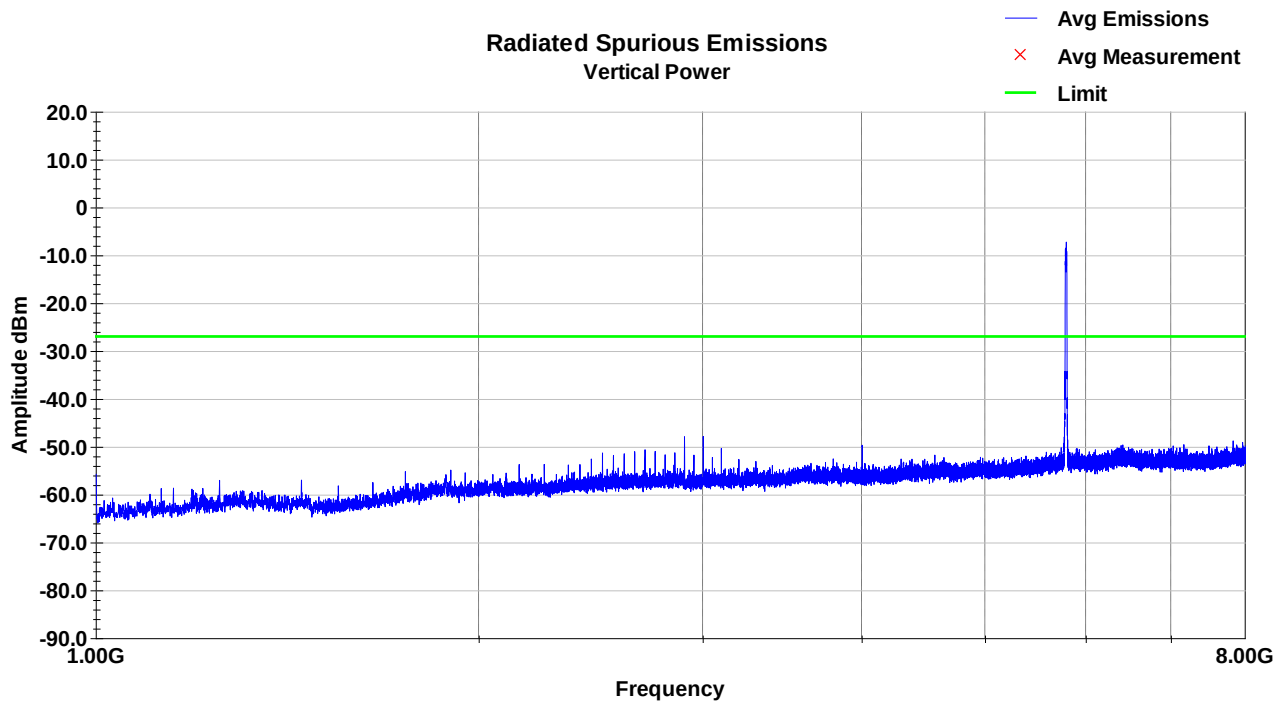
Vertical Plot – 8-18GHz – Low Channel



Horizontal Plot – 8-18GHz – Low Channel



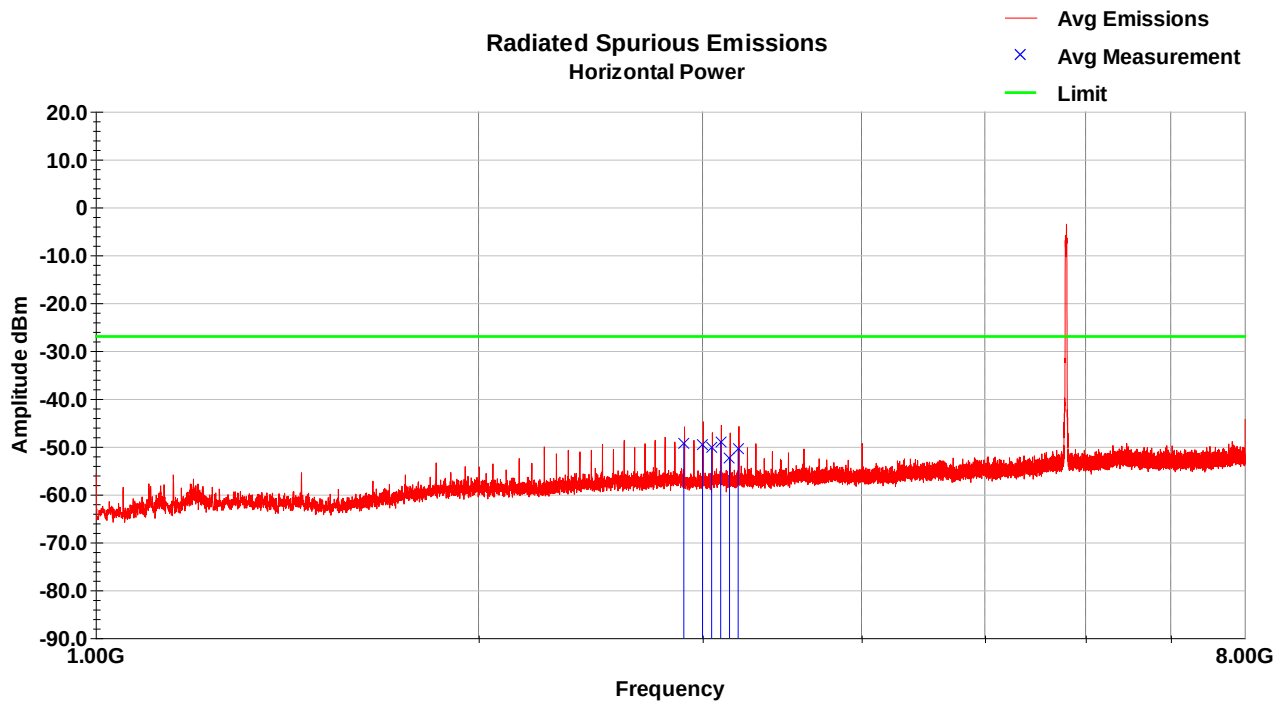
Vertical Plot – 1-8GHz – Mid Channel



Vertical Data – 1-8GHz – Mid Channel

No emissions within 20dB of limit

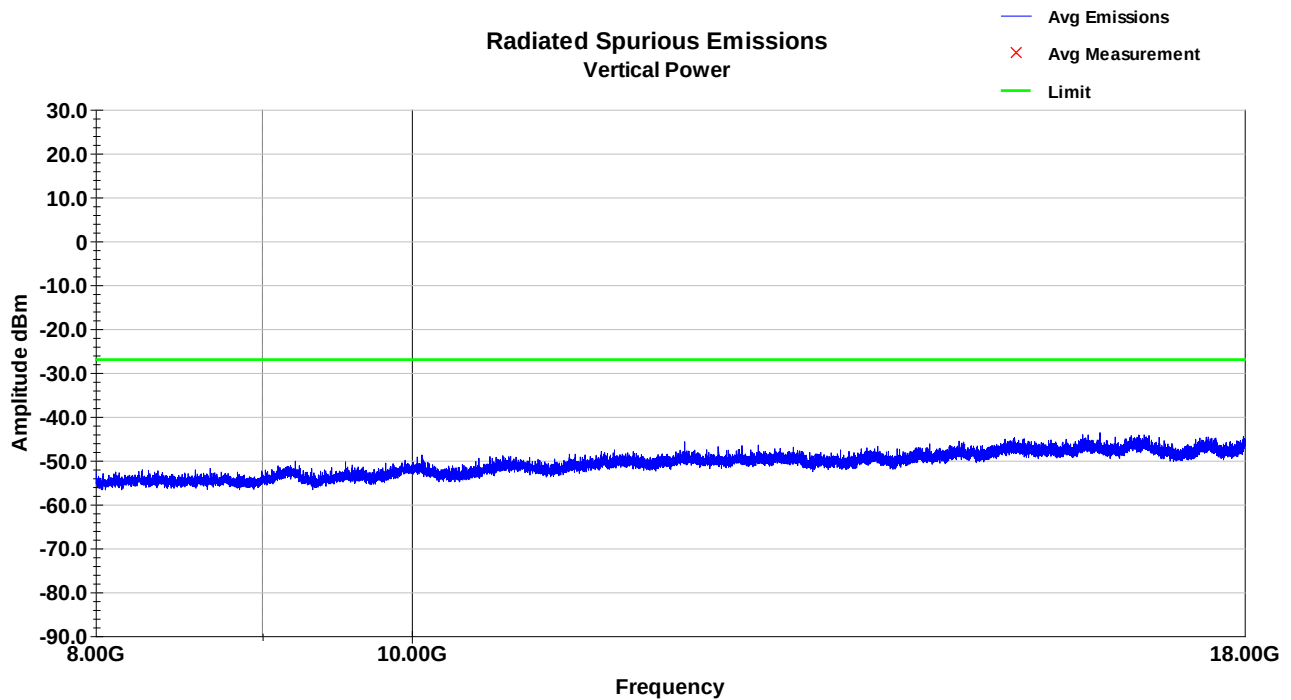
Horizontal Plot – 1-8GHz – Mid Channel



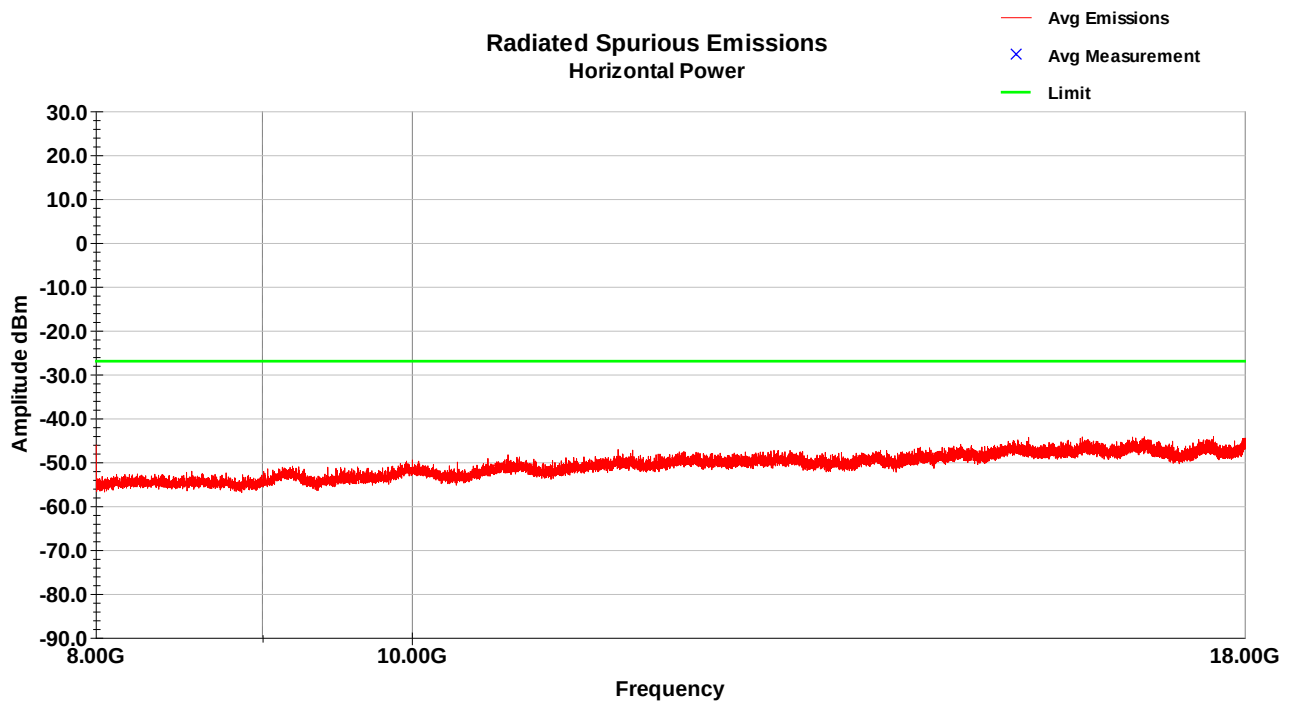
Horizontal Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2900.07	-42.4	H	250.0	185.0	32.3	2.7	42.0	-49.4	-27.0	-22.4
2999.94	-42.9	H	126.0	249.0	32.4	2.8	42.0	-49.7	-27.0	-22.7
3049.98	-43.8	H	229.0	105.0	32.7	2.8	42.0	-50.3	-27.0	-23.3
3099.92	-42.7	H	231.0	117.0	32.8	2.8	41.9	-49.0	-27.0	-22.0
3150.09	-46.1	H	236.0	116.0	32.6	2.9	41.9	-52.5	-27.0	-25.5
3199.90	-44.2	H	240.0	100.0	32.8	2.9	41.8	-50.4	-27.0	-23.4
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

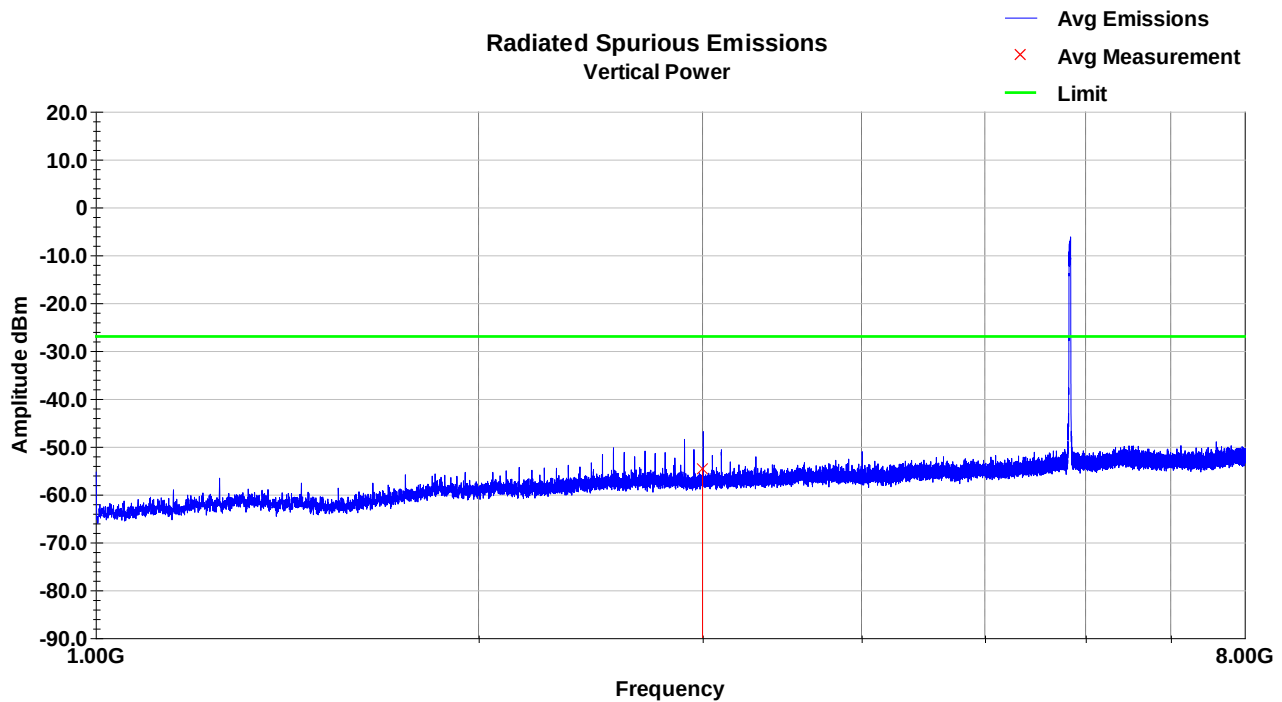
Vertical Plot – 8-18GHz – Mid Channel



Horizontal Plot – 8-18GHz – Mid Channel



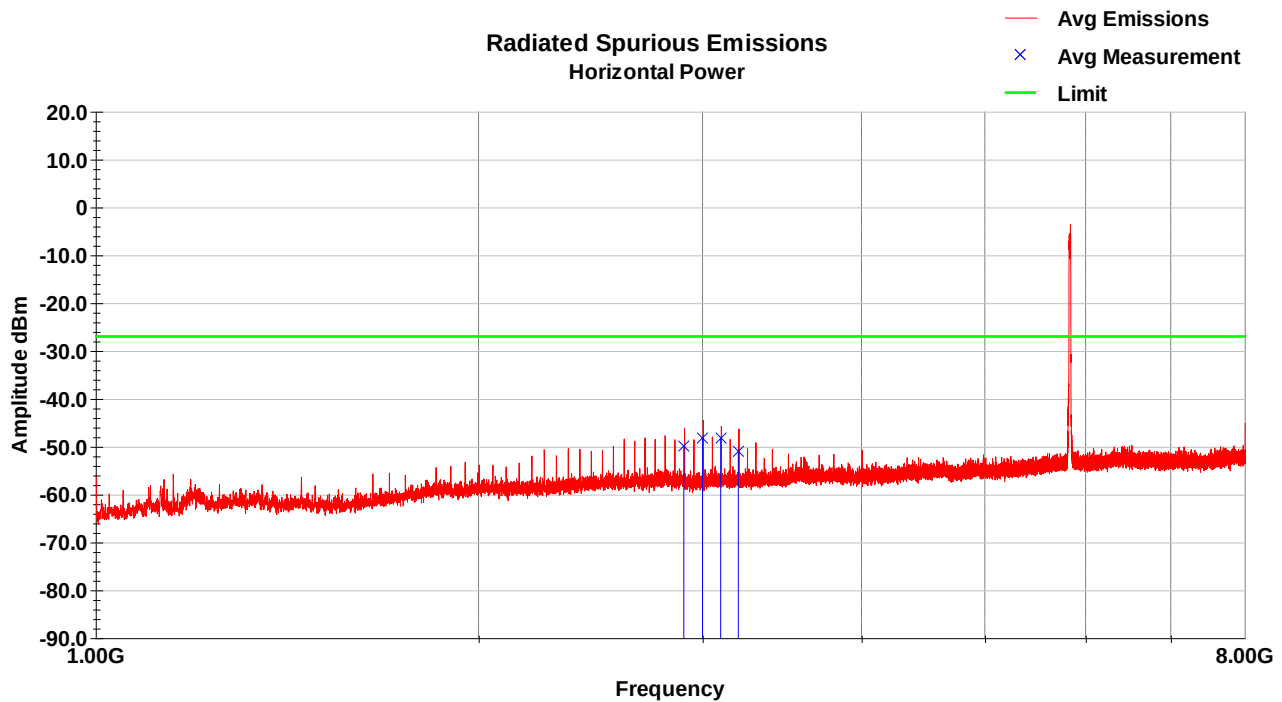
Vertical Plot – 1-8GHz – High Channel



Vertical Data – 1-8GHz – High Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2999.93	-47.8	V	162.0	100.0	32.4	2.8	42.0	-54.5	-27.0	-27.5
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

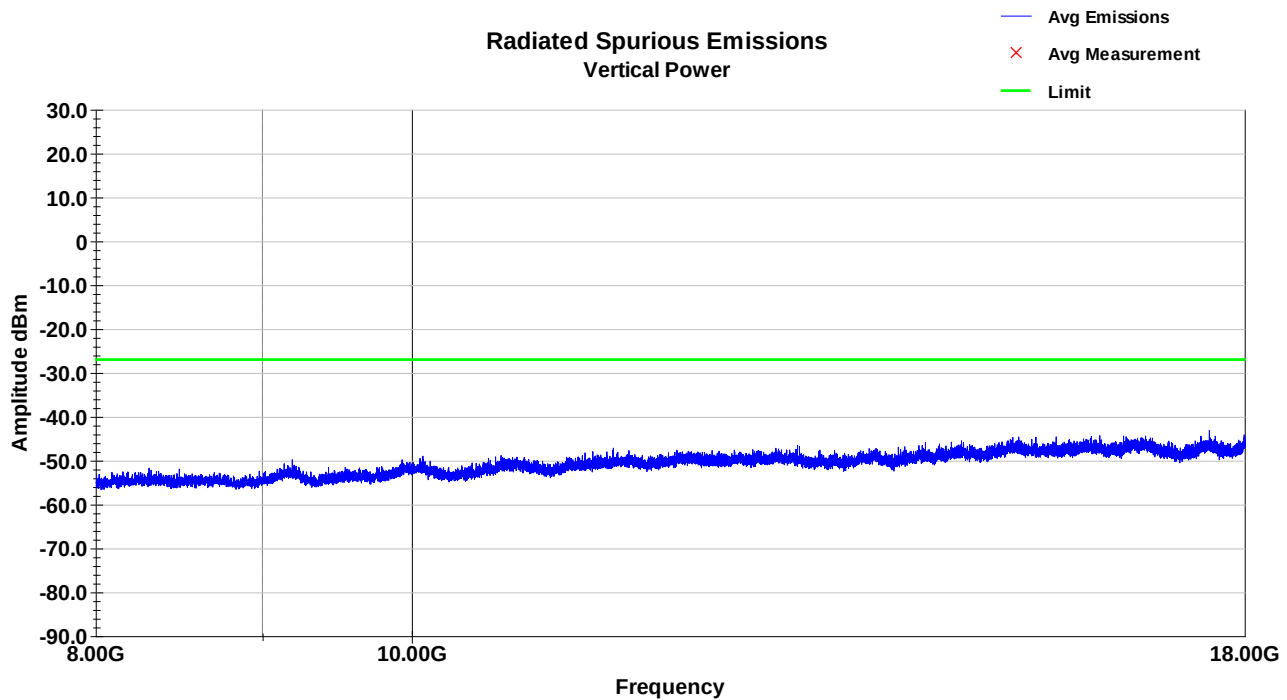
Horizontal Plot – 1-8GHz – High Channel



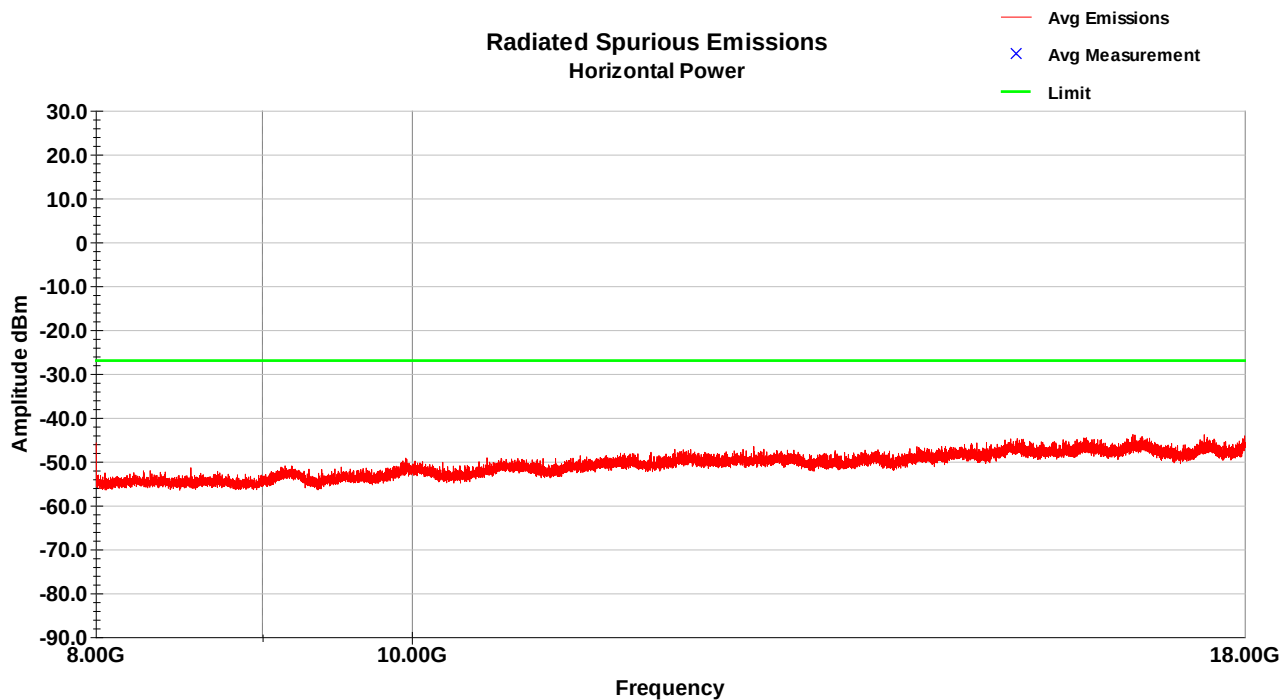
Horizontal Data – 1-8GHz – High Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.92	-42.9	H	233.0	100.0	32.3	2.7	42.0	-49.9	-27.0	-22.9
2999.93	-41.5	H	238.0	100.0	32.4	2.8	42.0	-48.2	-27.0	-21.2
3099.92	-41.9	H	253.0	166.0	32.8	2.8	41.9	-48.2	-27.0	-21.2
3200.02	-44.7	H	228.0	126.0	32.8	2.9	41.8	-50.9	-27.0	-23.9
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

Vertical Plot – 8-18GHz – High Channel



Horizontal Plot – 8-18GHz – High Channel

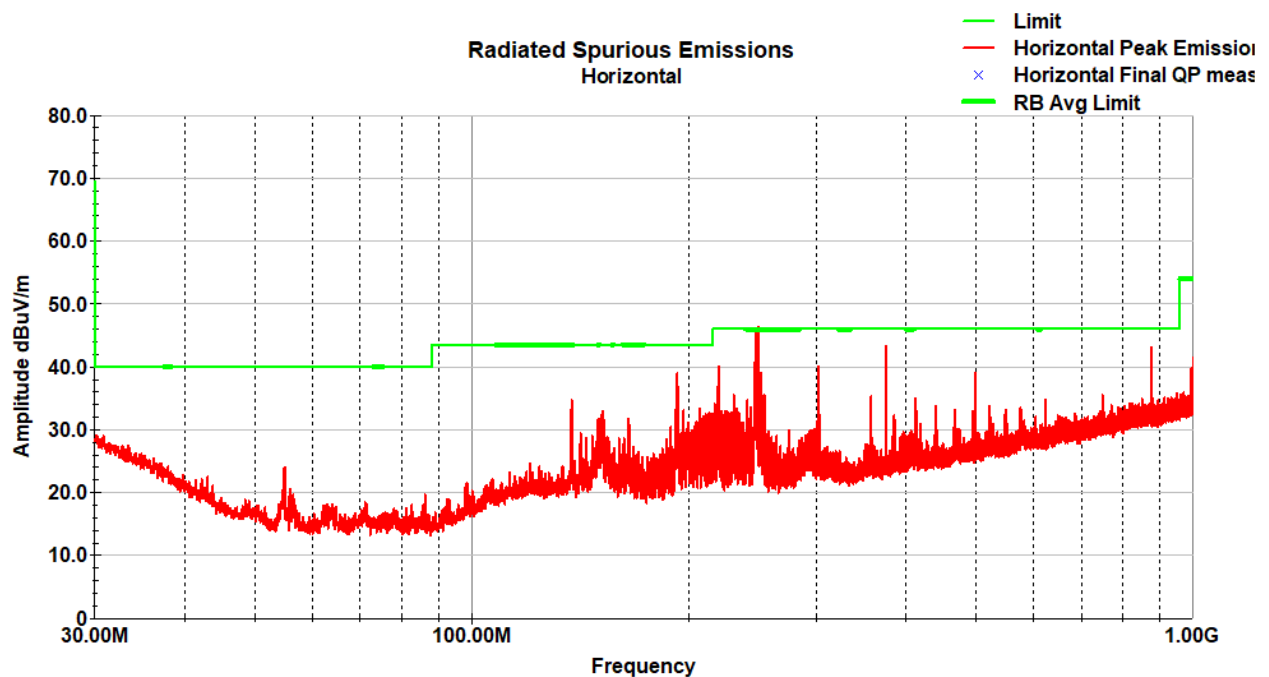
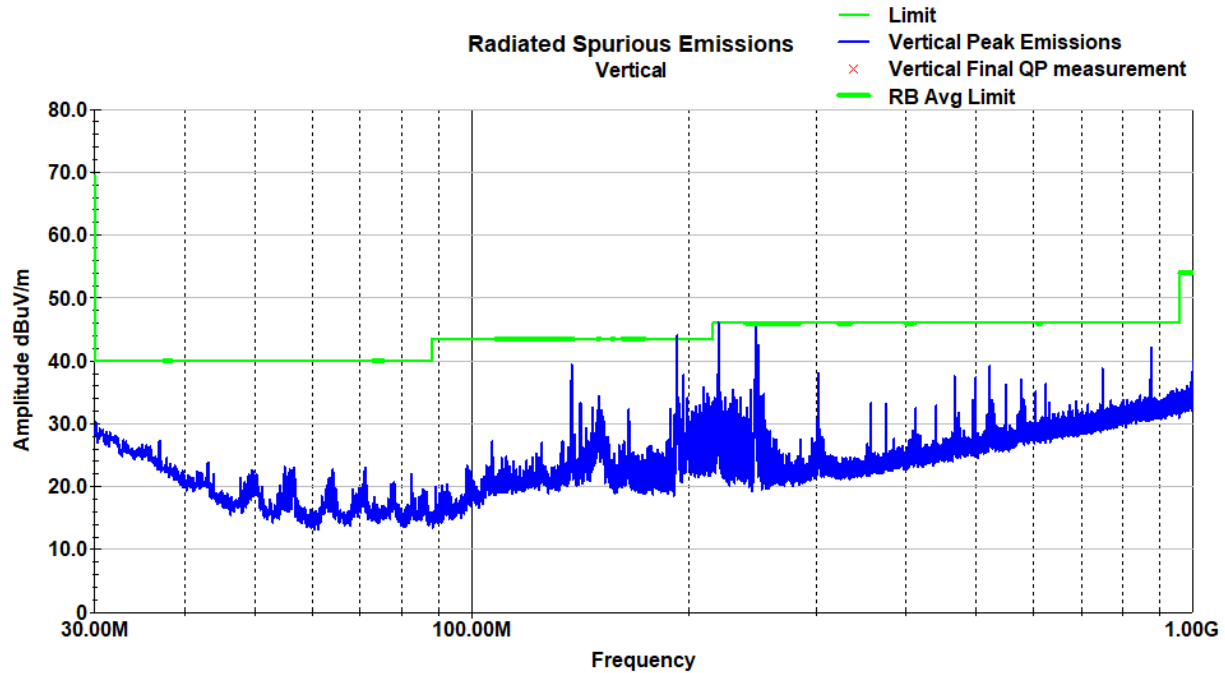


The worst-case final data in this section of -48.2dBm is below the restricted band limit of -41.2dBm. Emissions in the 18-40GHz frequency range were similar to those shown in section 3.5.3 above.

3.11 Test Data: 10-inch Display – U-NII Band 1 – 802.11a

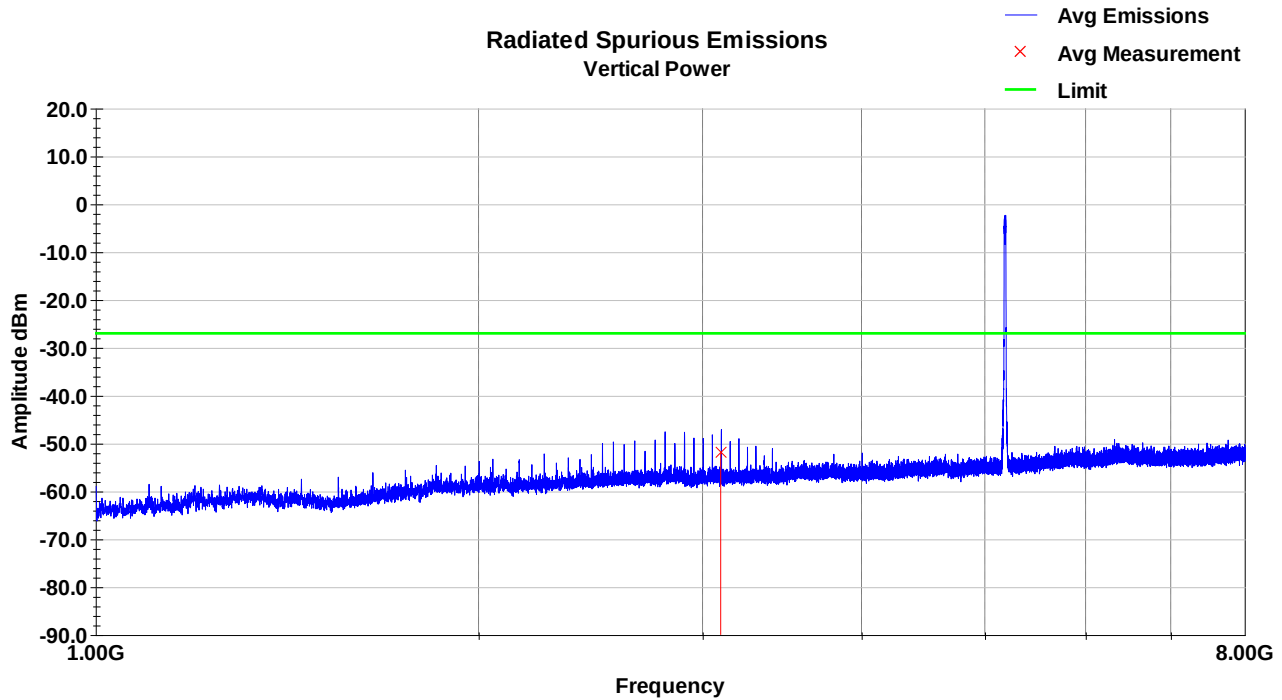
3.11.1 30-1000 MHz

Emissions were confirmed to be non-radio emissions. All channels had similar plots (worst case shown).



3.11.2 1-18 GHz

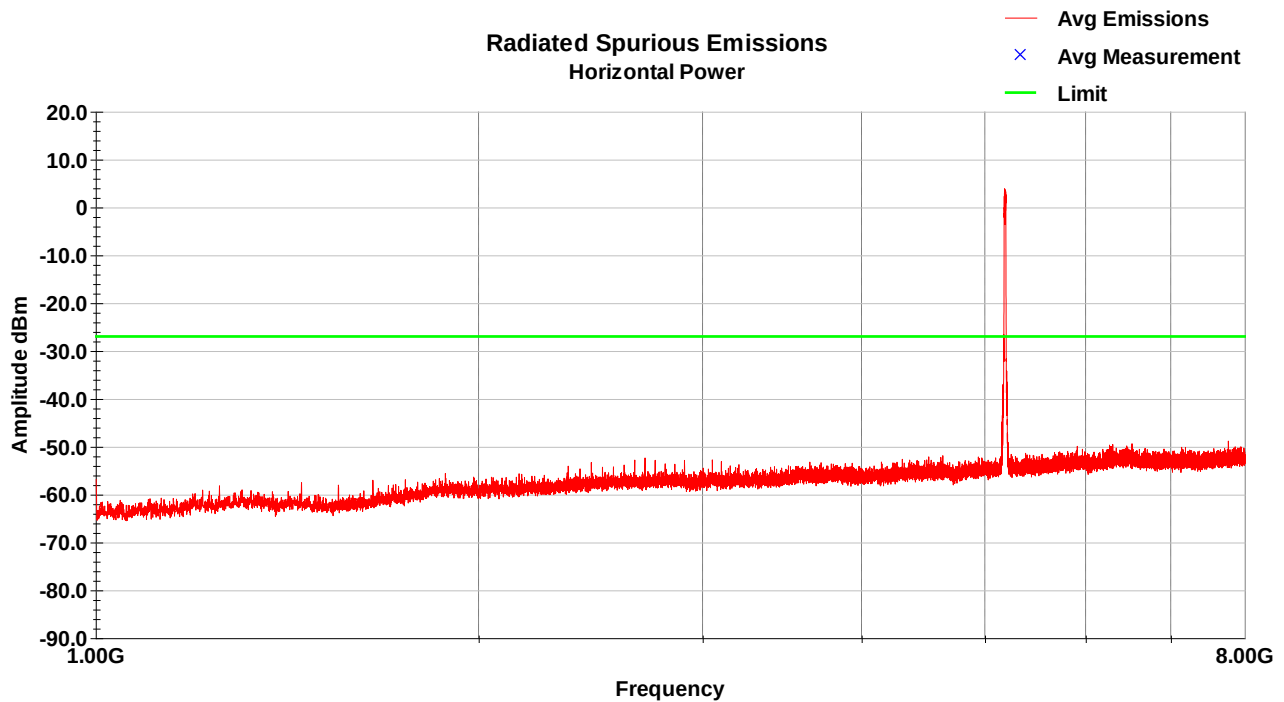
Vertical Plot – 1-8GHz – Low Channel



Vertical Data – 1-8GHz – Low Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
3099.92	-45.6	V	25.0	128.0	32.8	2.8	41.9	-51.9	-27.0	-24.9
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

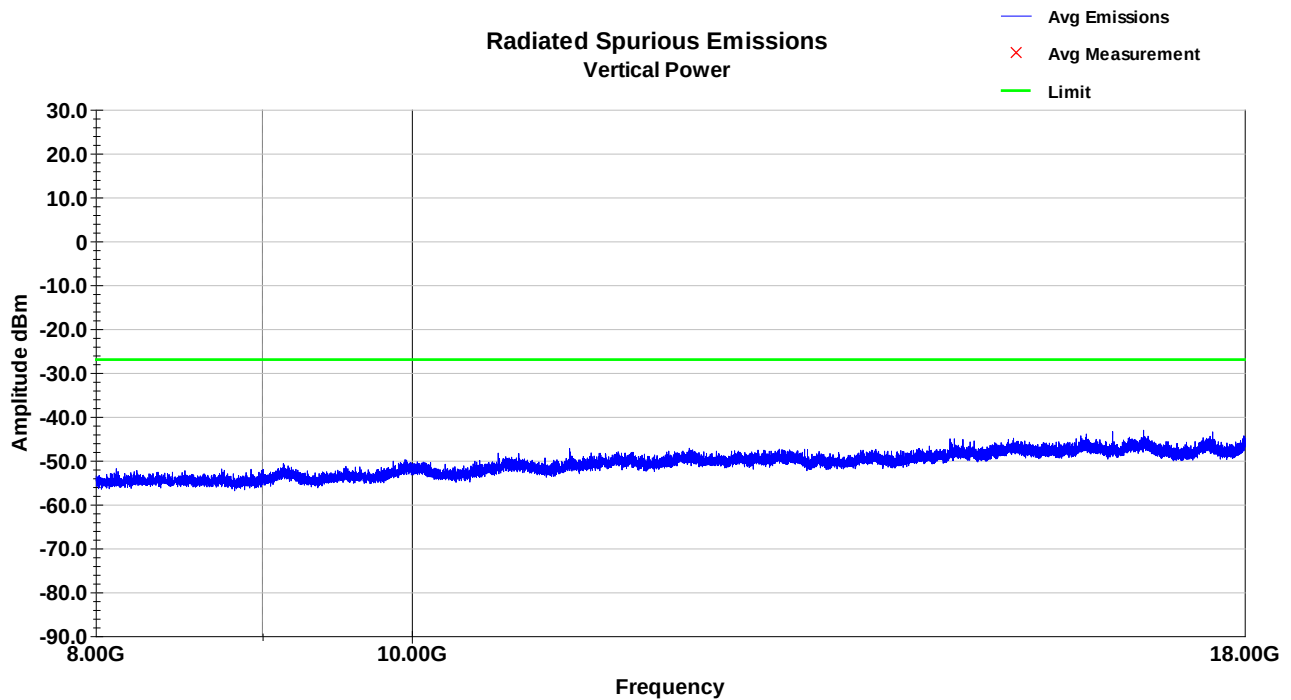
Horizontal Plot – 1-8GHz – Low Channel



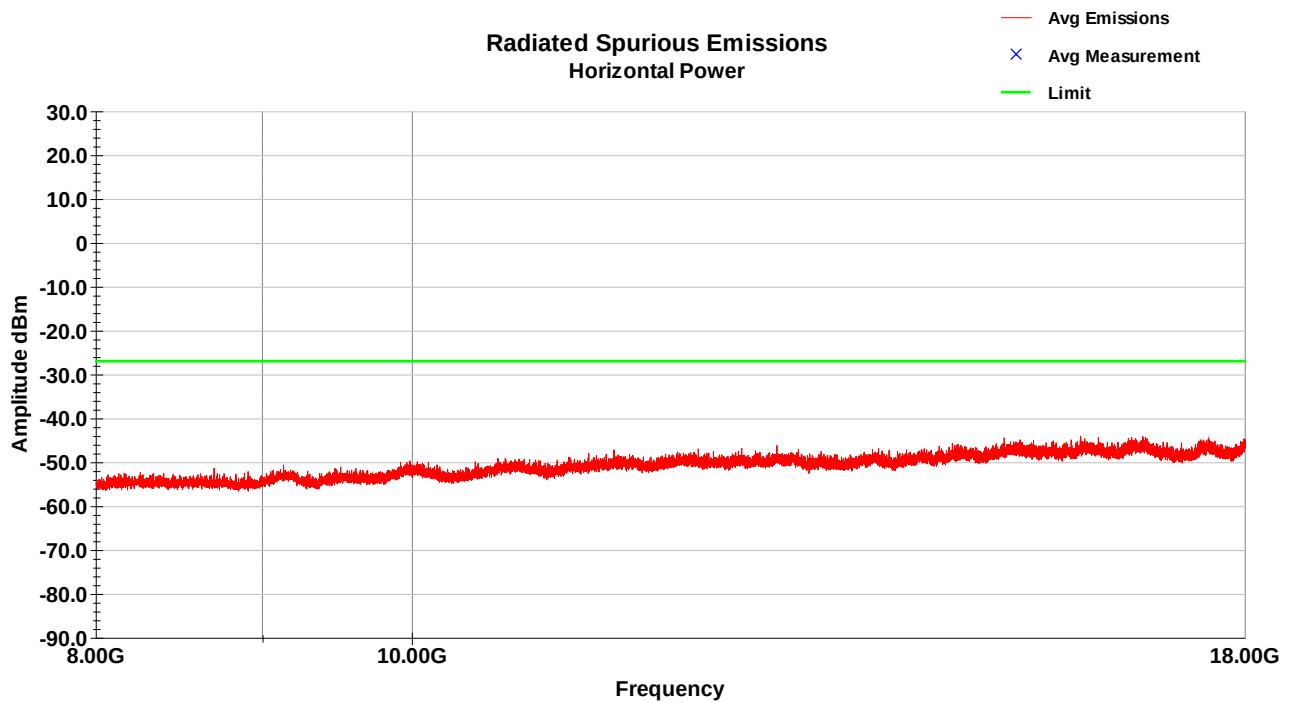
Horizontal Data – 1-8GHz – Low Channel

No emissions within 20dB of limit

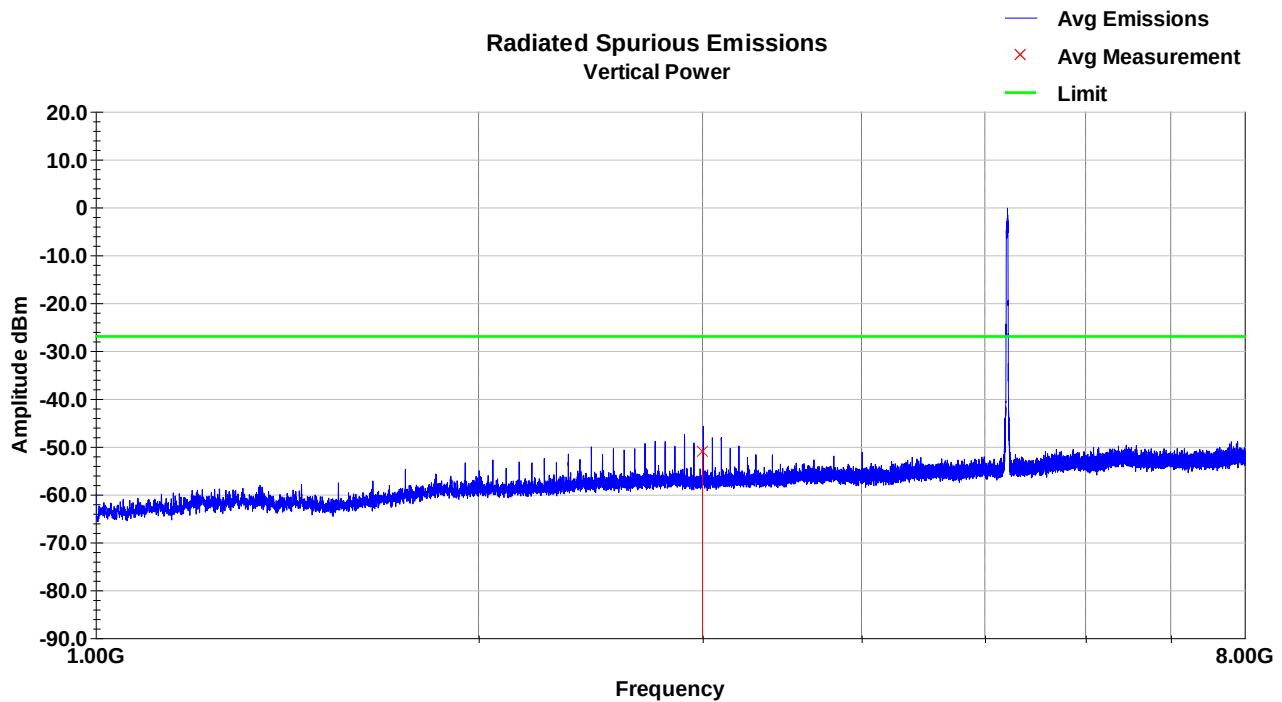
Vertical Plot – 8-18GHz – Low Channel



Horizontal Plot – 8-18GHz – Low Channel



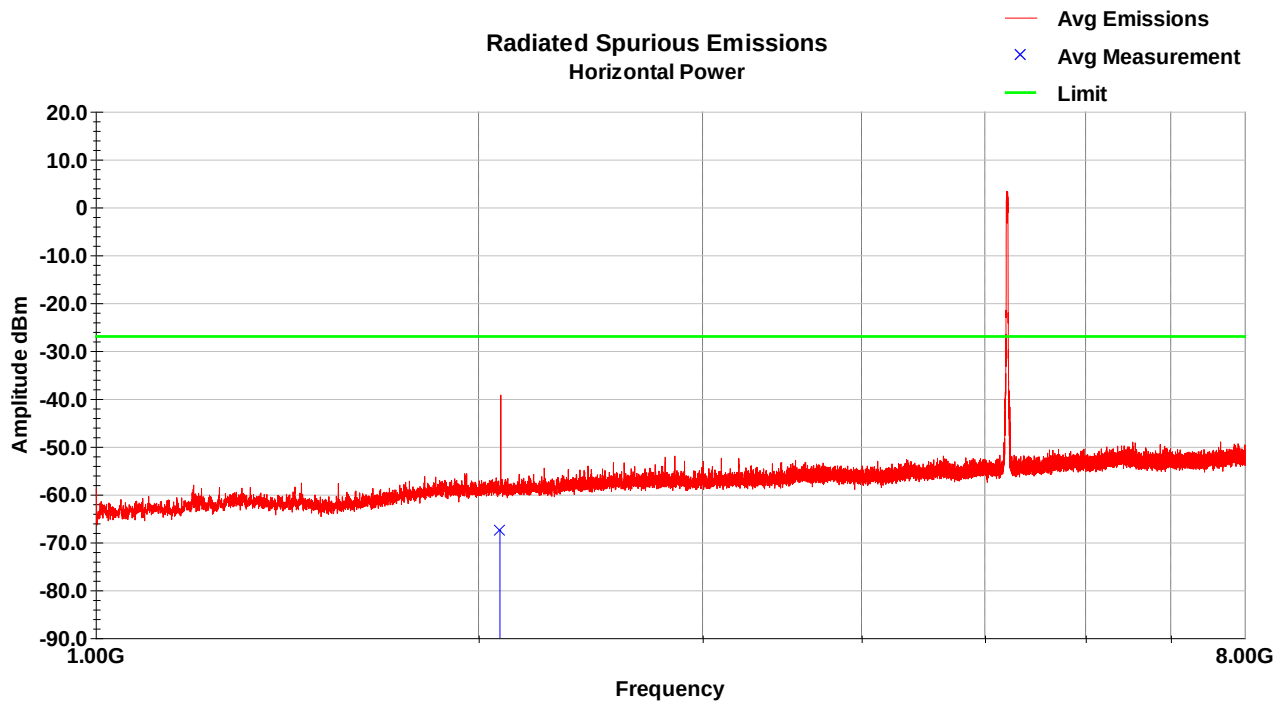
Vertical Plot – 1-8GHz – Mid Channel



Vertical Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2999.80	-44.2	V	28.0	105.0	32.4	2.8	42.0	-51.0	-27.0	-24.0
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

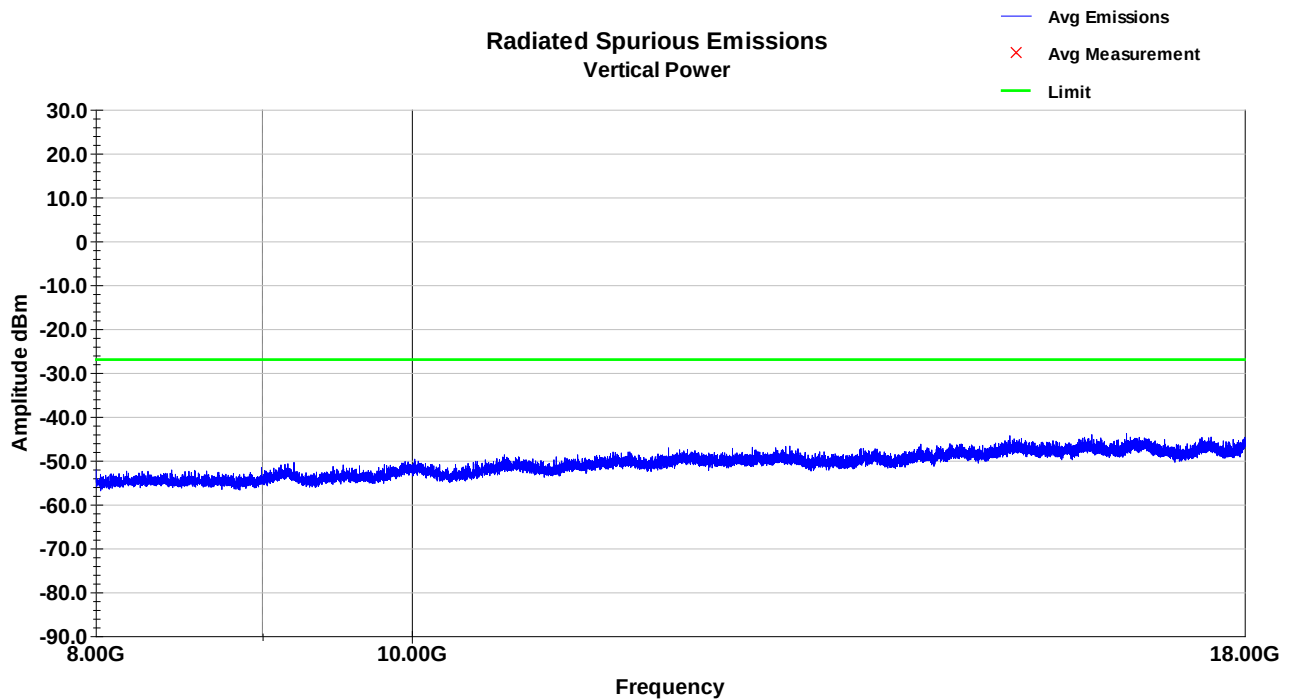
Horizontal Plot – 1-8GHz – Mid Channel



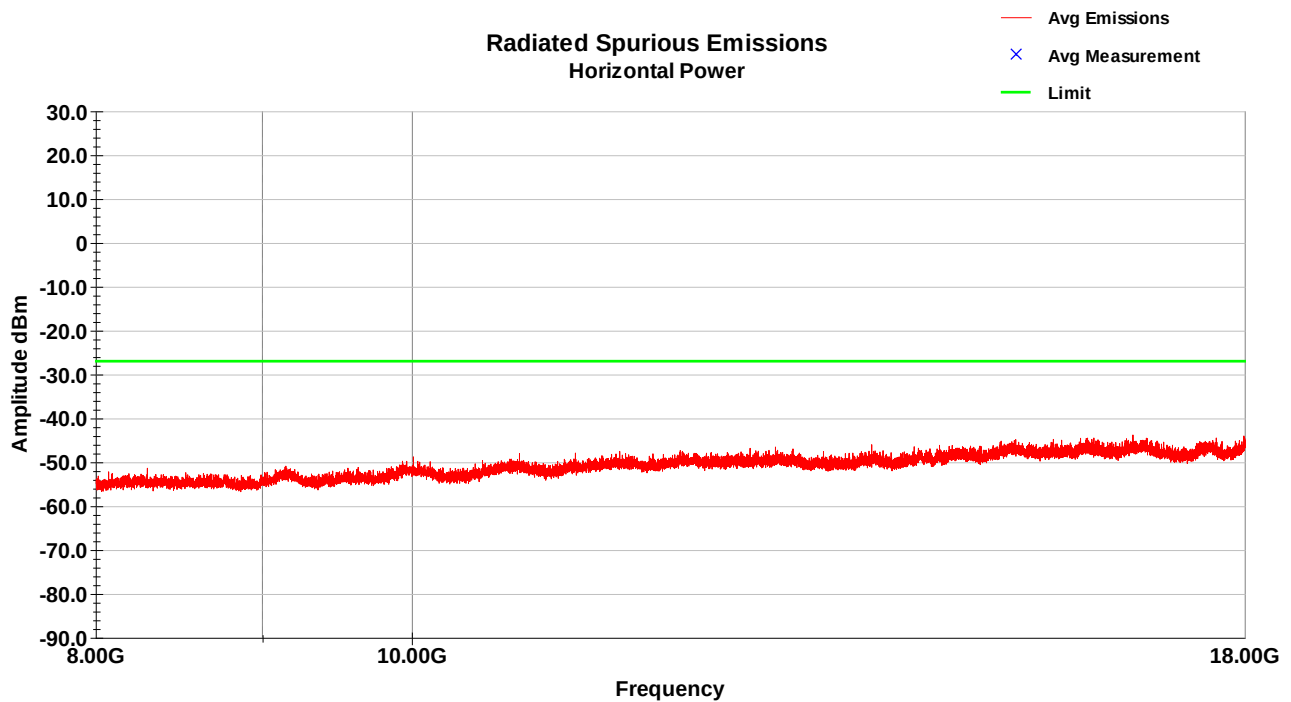
Horizontal Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2079.08	-58.8	H	154.0	128.0	31.4	2.3	42.3	-67.4	-27.0	-40.4
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

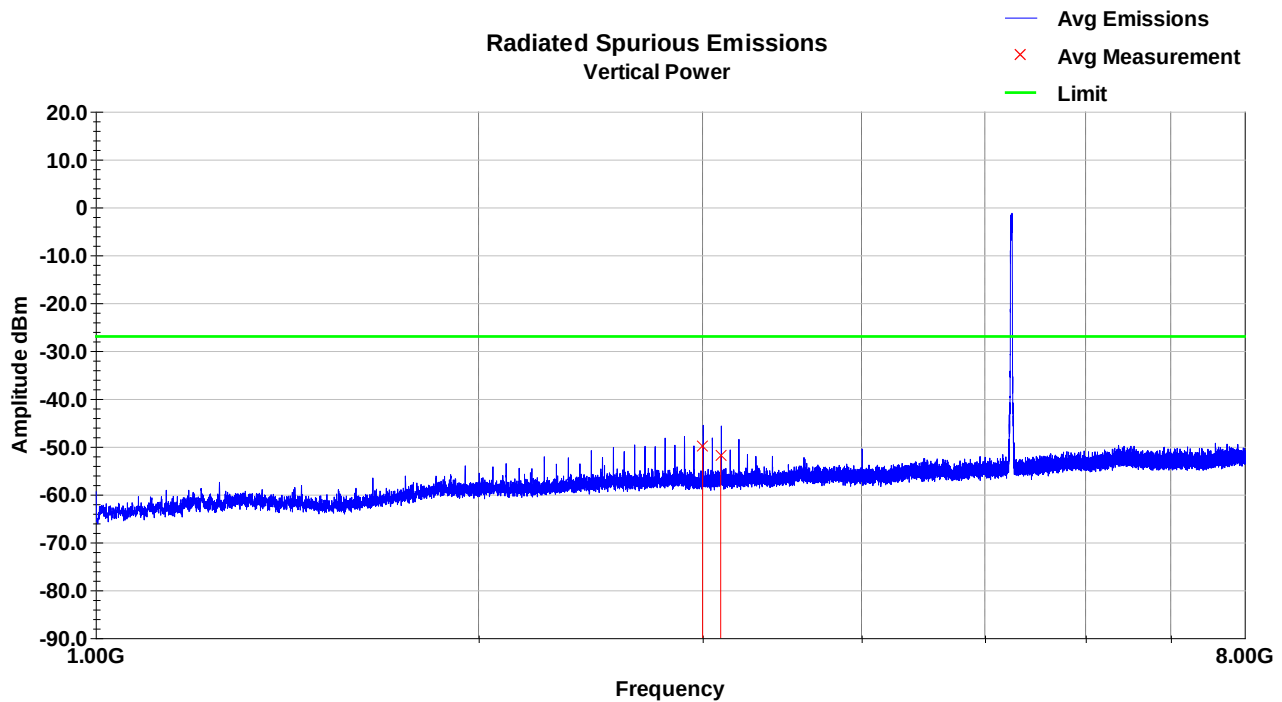
Vertical Plot – 8-18GHz – Mid Channel



Horizontal Plot – 8-18GHz – Mid Channel



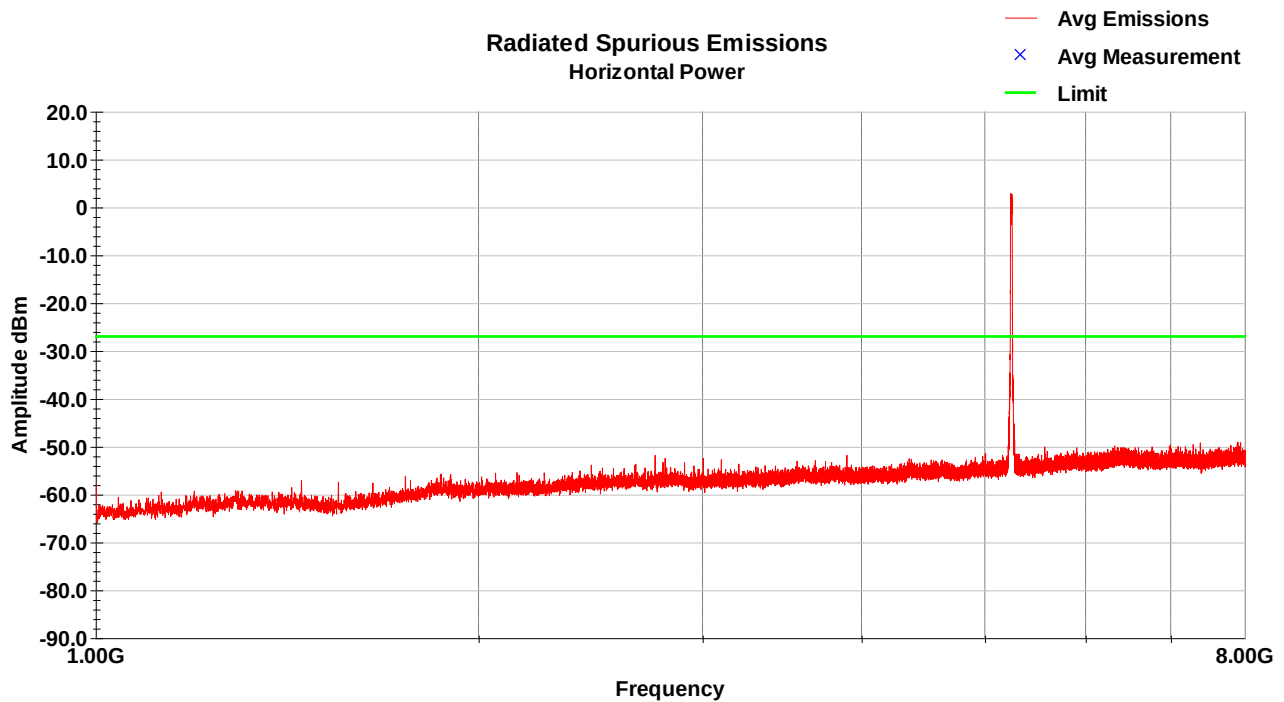
Vertical Plot – 1-8GHz – High Channel



Vertical Data – 1-8GHz – High Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
3000.16	-43.2	V	28.0	105.0	32.4	2.8	42.0	-50.0	-27.0	-23.0
3100.04	-45.6	V	28.0	128.0	32.8	2.8	41.9	-51.9	-27.0	-24.9
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

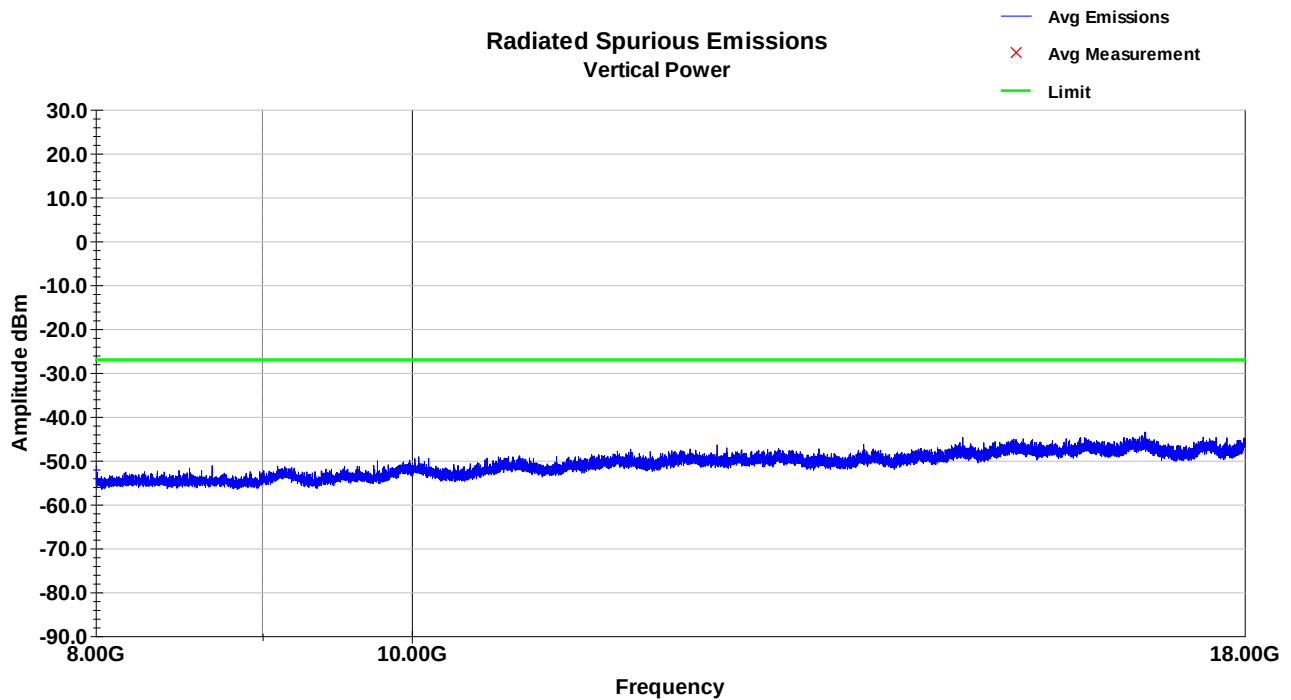
Horizontal Plot – 1-8GHz – High Channel



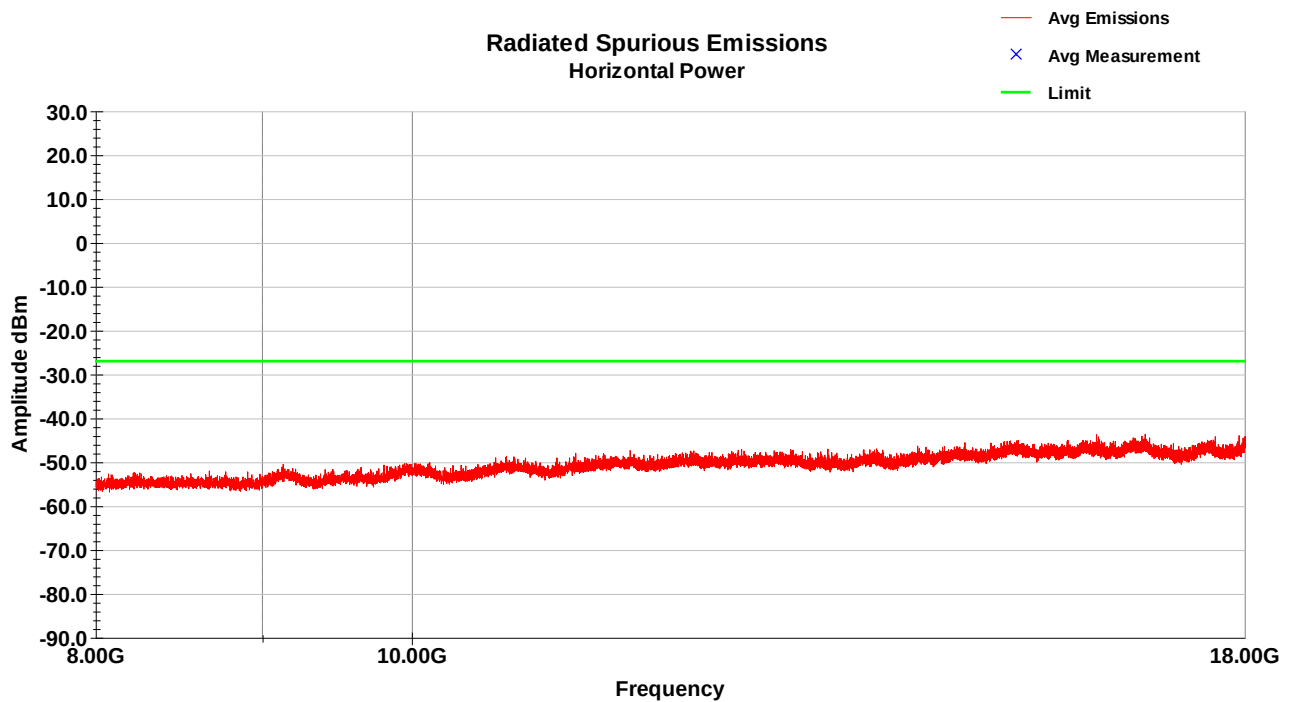
Horizontal Data – 1-8GHz – High Channel

No emissions within 20dB of limit

Vertical Plot – 8-18GHz – High Channel



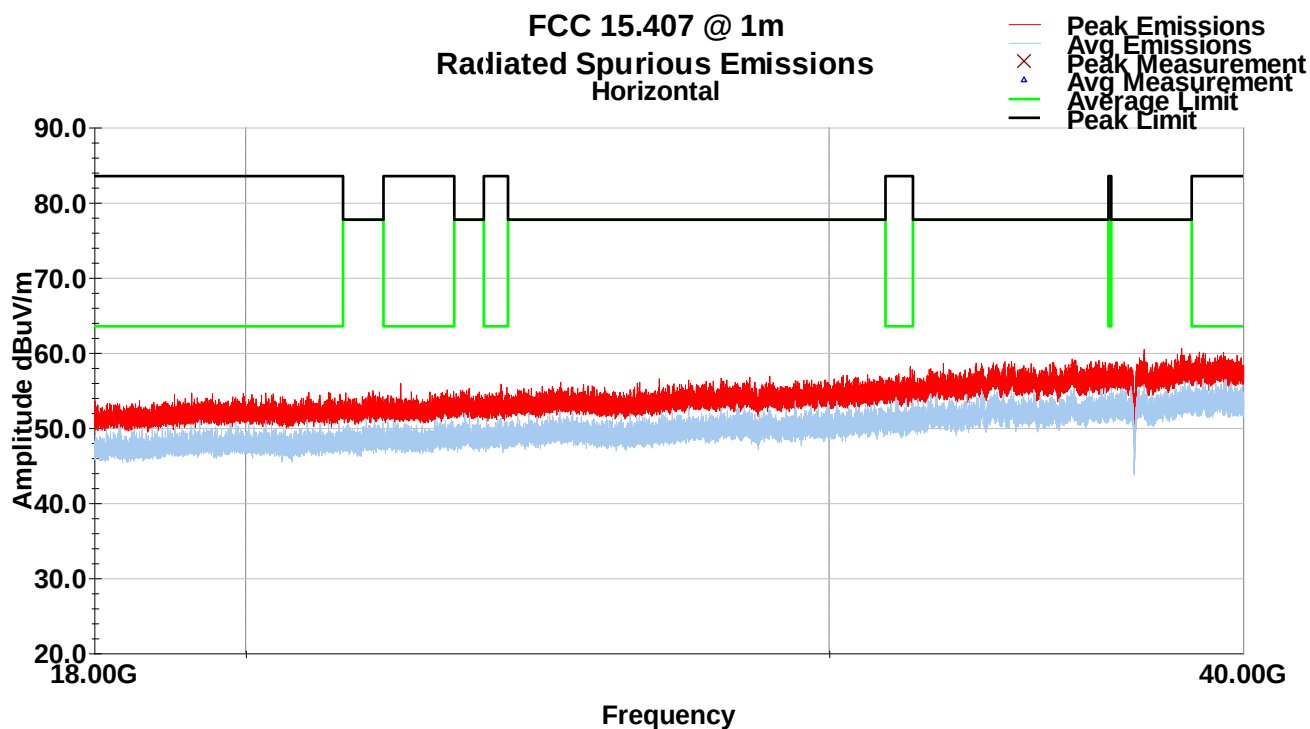
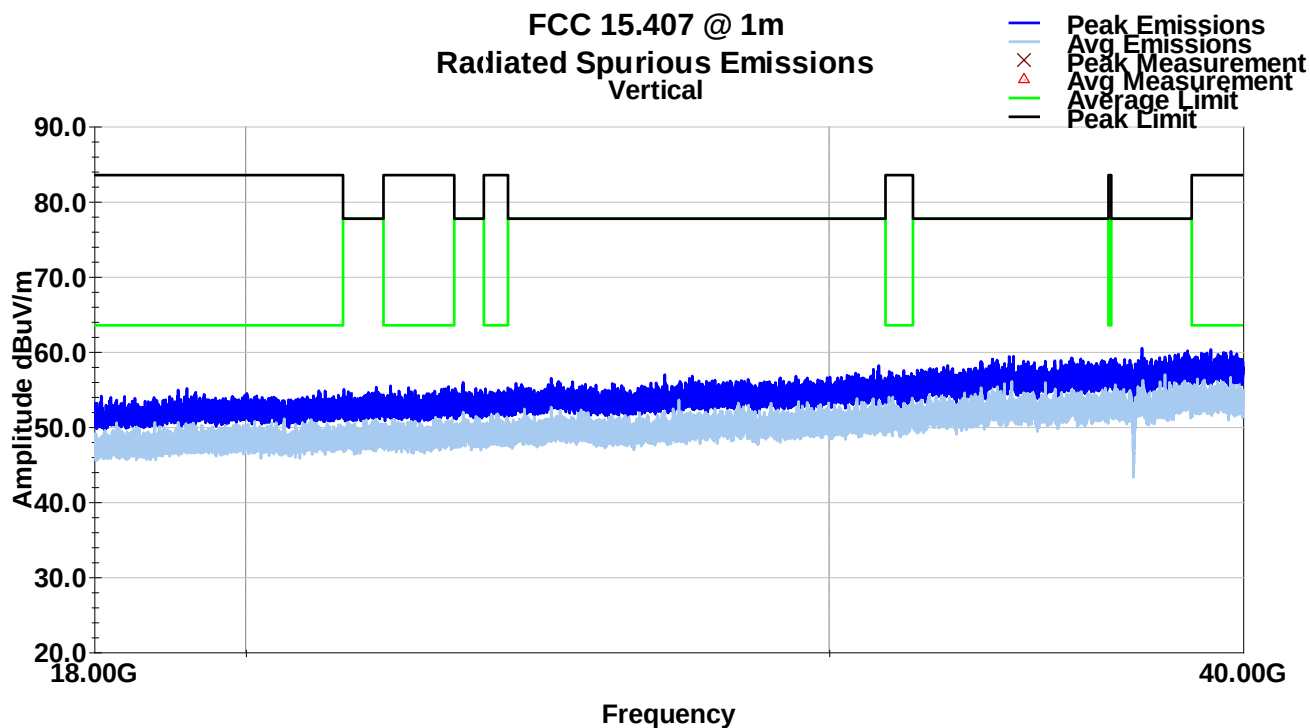
Horizontal Plot – 8-18GHz – High Channel



The worst-case final data in this section of -50.0dBm is below the restricted band limit of -41.2dBm.

3.11.3 18-40 GHz

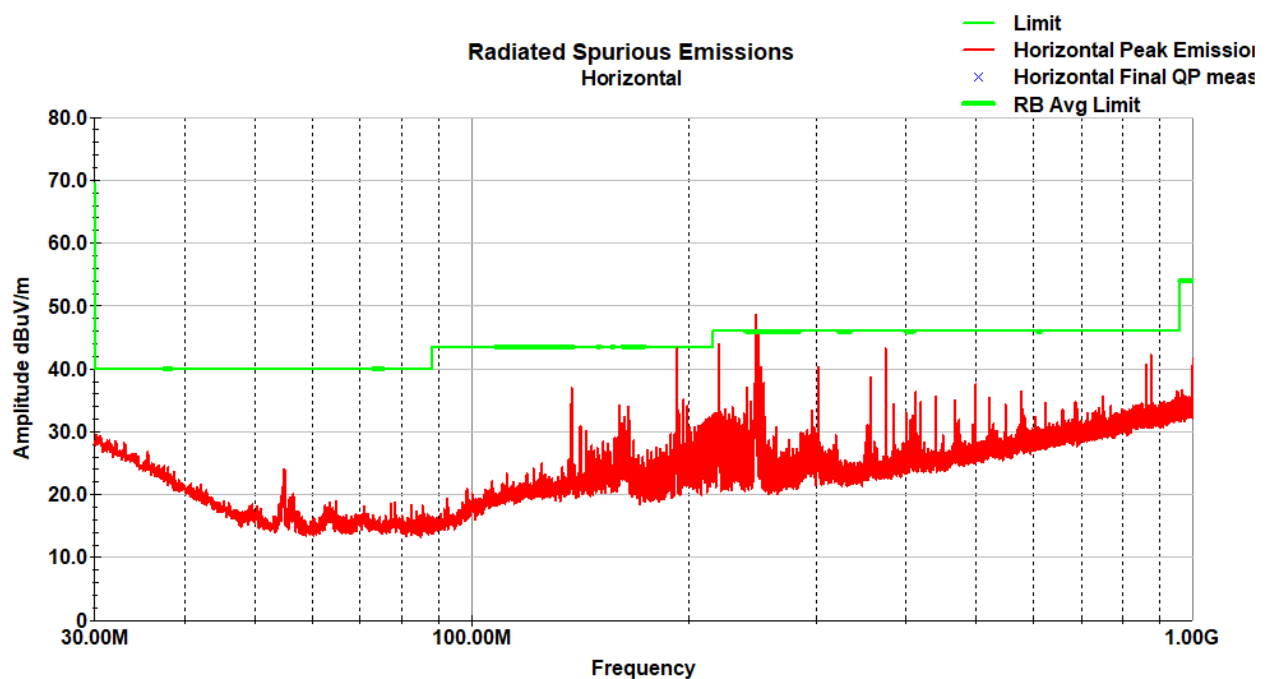
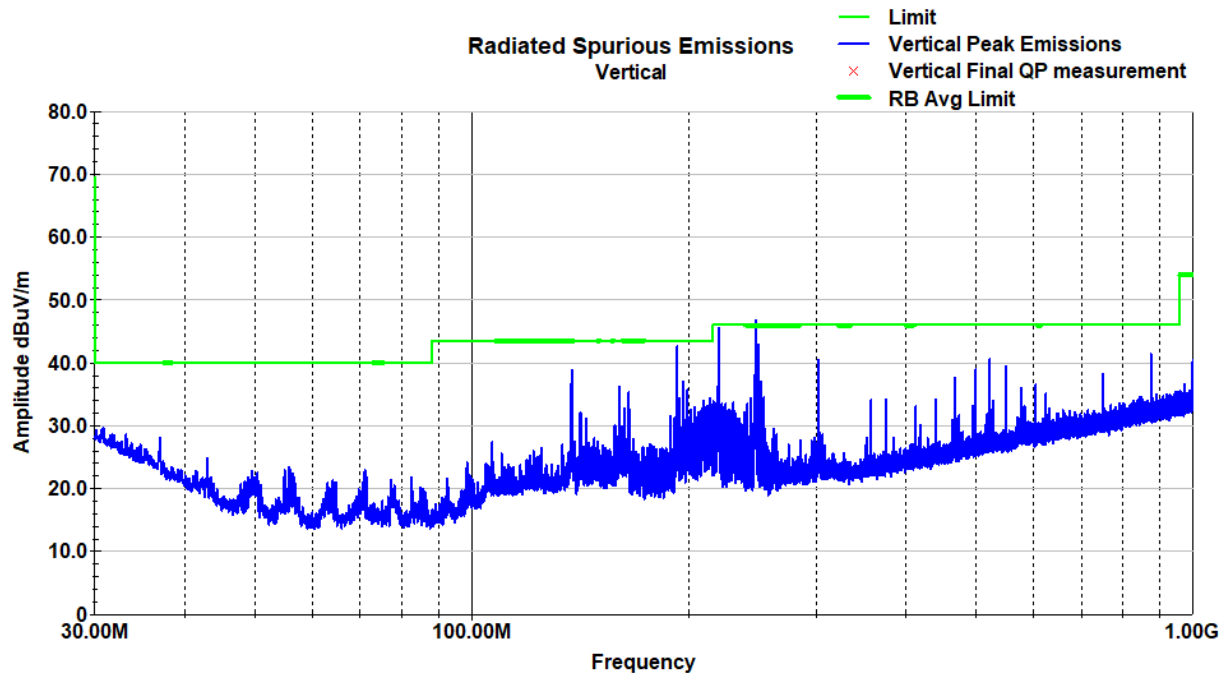
All channels and data modes had similar plots in the 18-40GHz frequency range.



3.12 Test Data: 10-inch Display – U-NII Band 1 – 802.11n

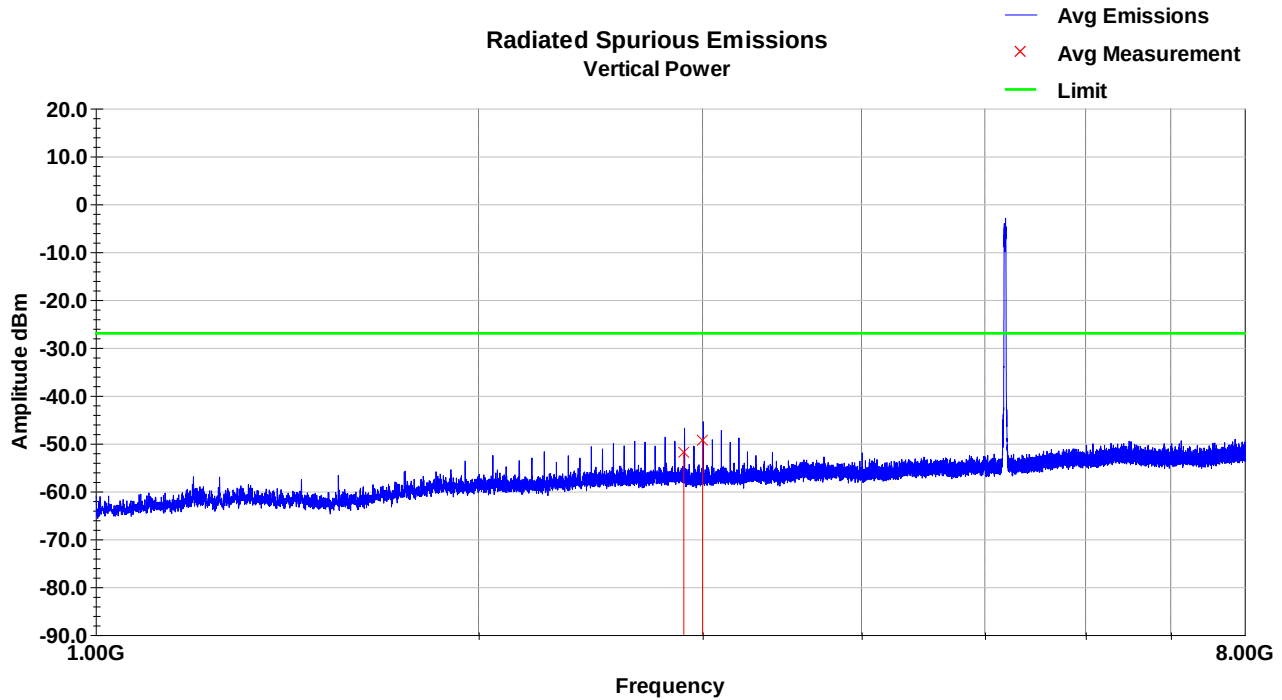
3.12.1 30-1000 MHz

Emissions were confirmed to be non-radio emissions. All channels had similar plots (worst case shown).



3.12.2 1-18 GHz

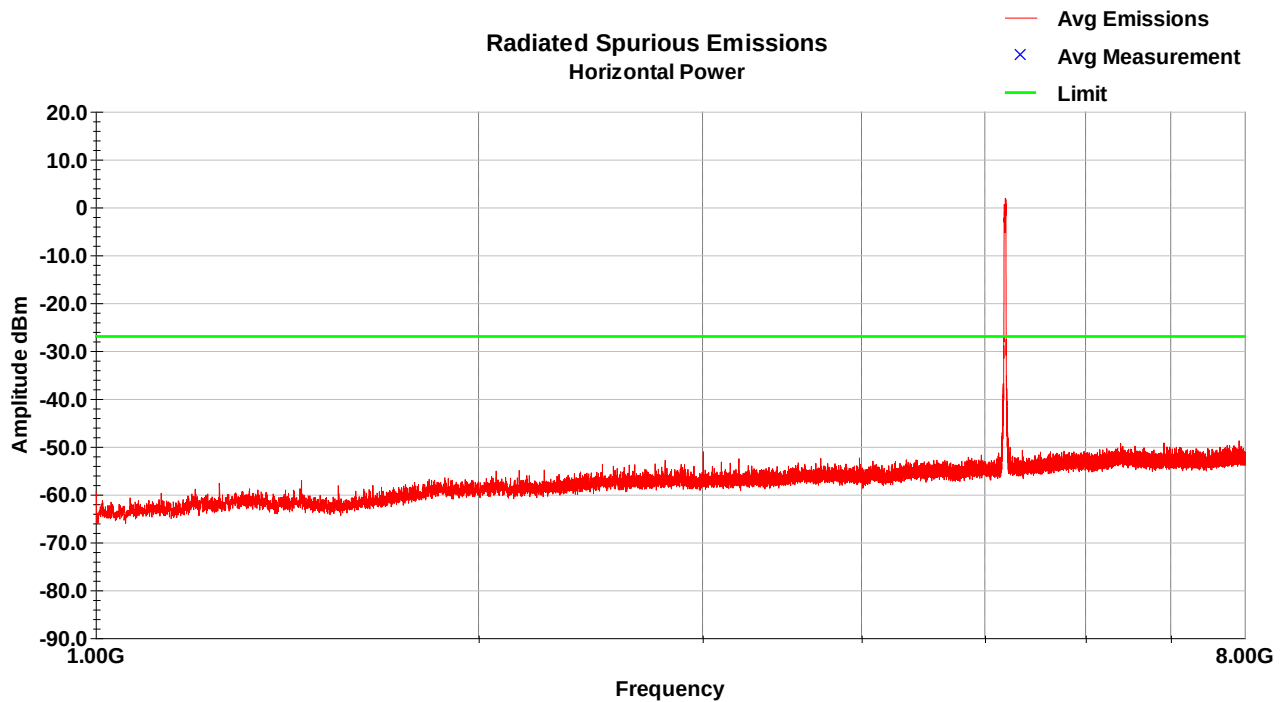
Vertical Plot – 1-8GHz – Low Channel



Vertical Data – 1-8GHz – Low Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.80	-44.8	V	354.0	103.0	32.3	2.7	42.0	-51.8	-27.0	-24.8
3000.16	-42.5	V	10.0	117.0	32.4	2.8	42.0	-49.3	-27.0	-22.3
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

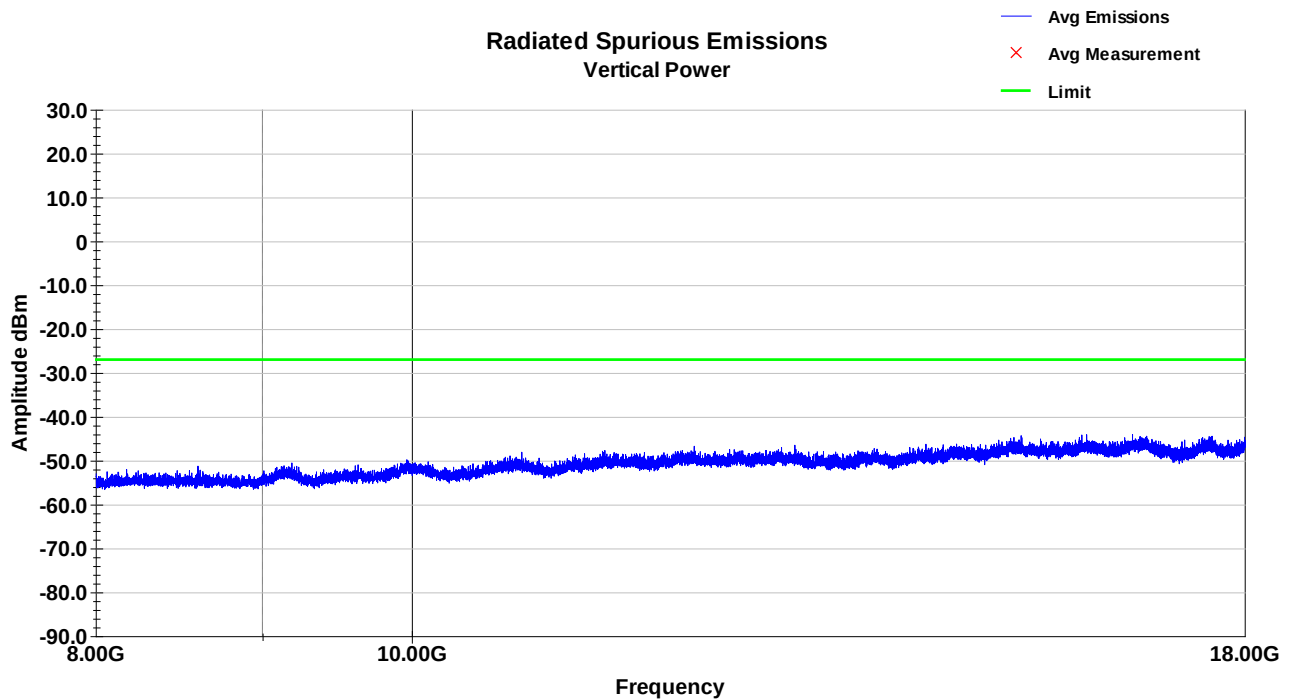
Horizontal Plot – 1-8GHz – Low Channel



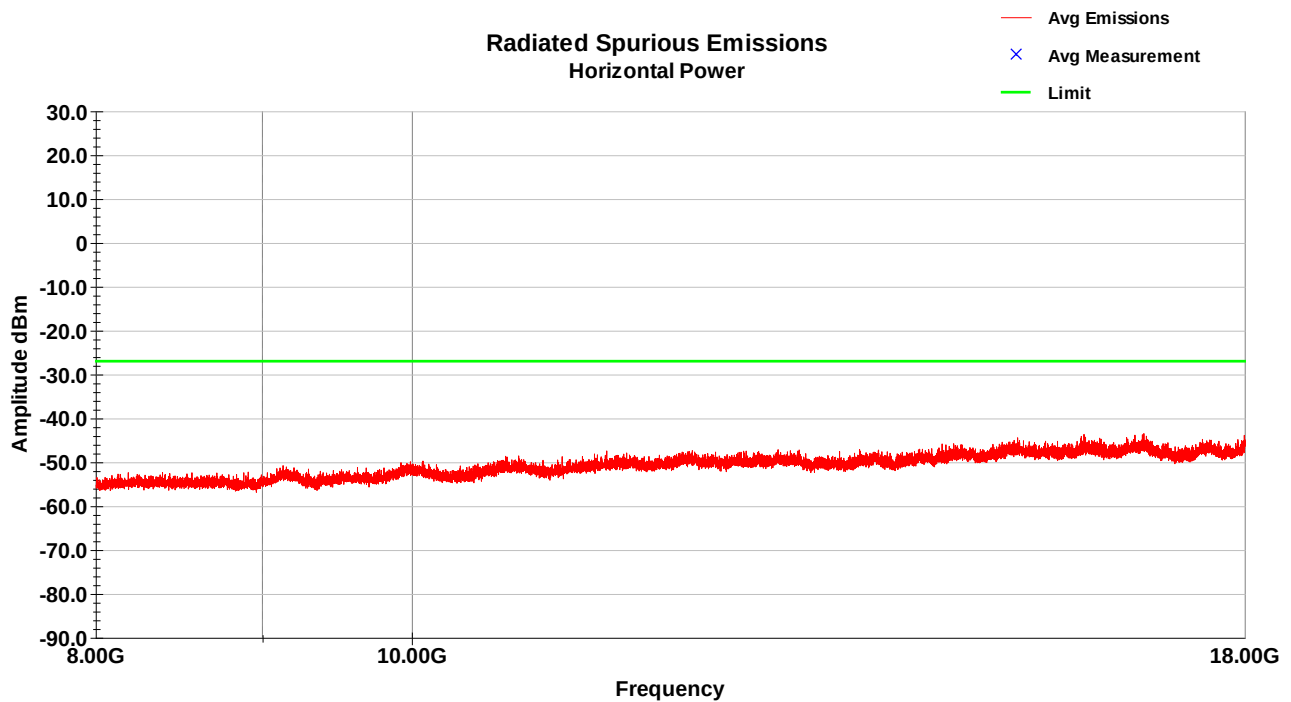
Horizontal Data – 1-8GHz – Low Channel

No emissions within 20dB of limit

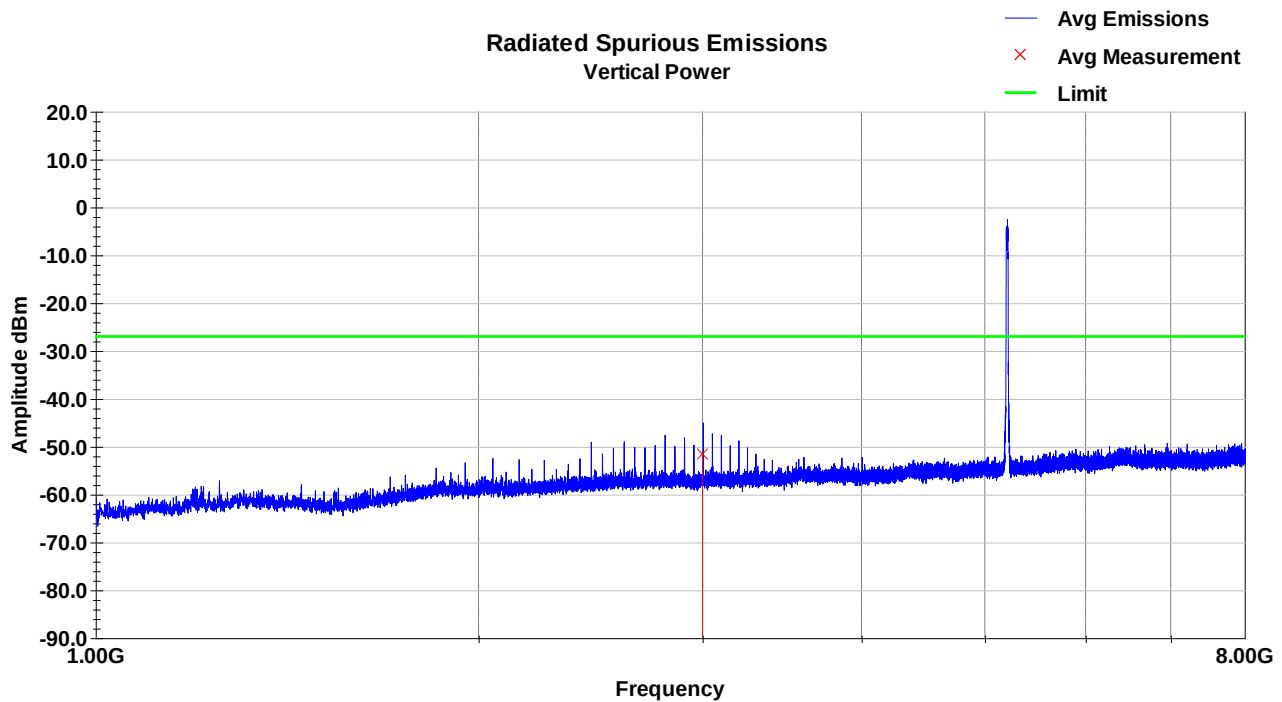
Vertical Plot – 8-18GHz – Low Channel



Horizontal Plot – 8-18GHz – Low Channel



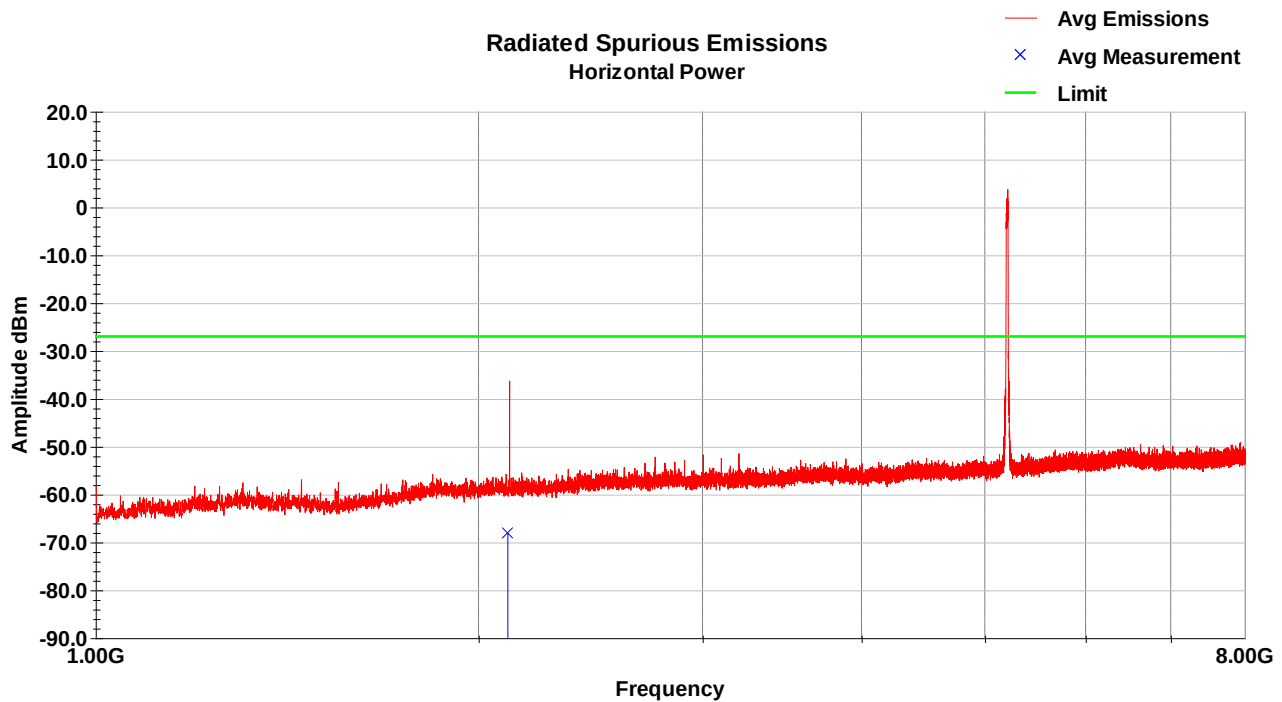
Vertical Plot – 1-8GHz – Mid Channel



Vertical Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
3000.40	-44.8	V	23.0	115.0	32.4	2.8	42.0	-51.5	-27.0	-24.5
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

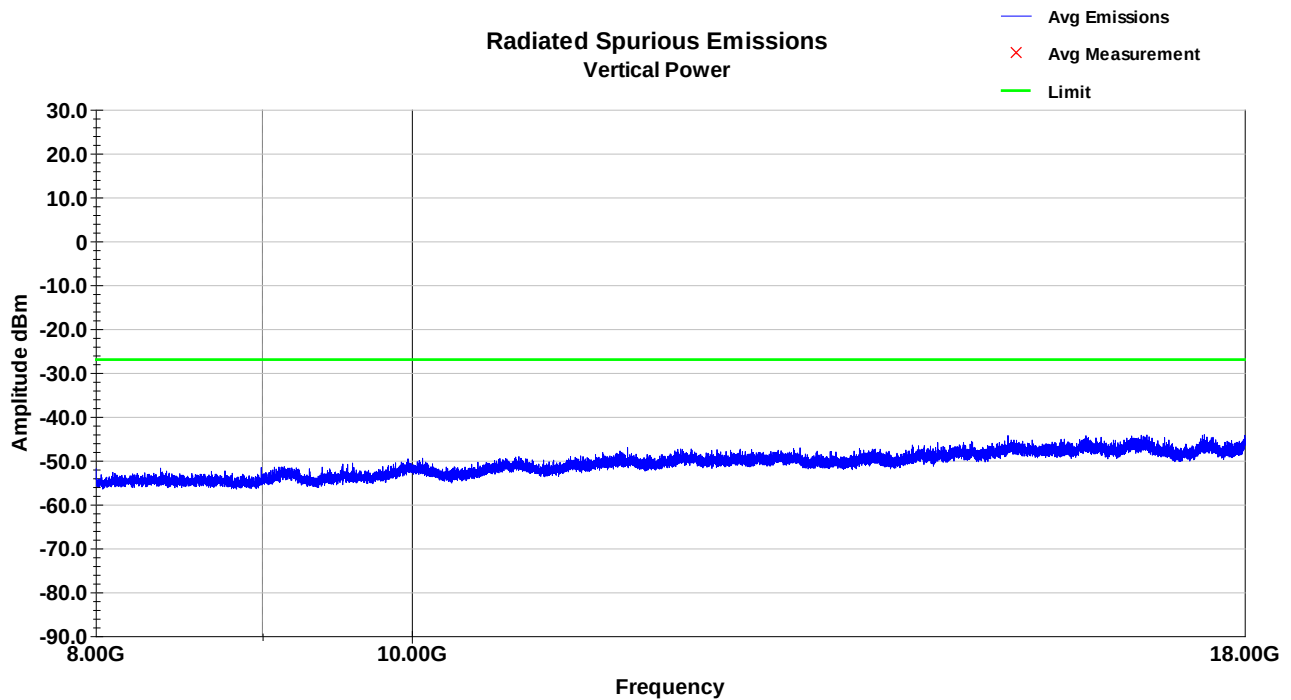
Horizontal Plot – 1-8GHz – Mid Channel



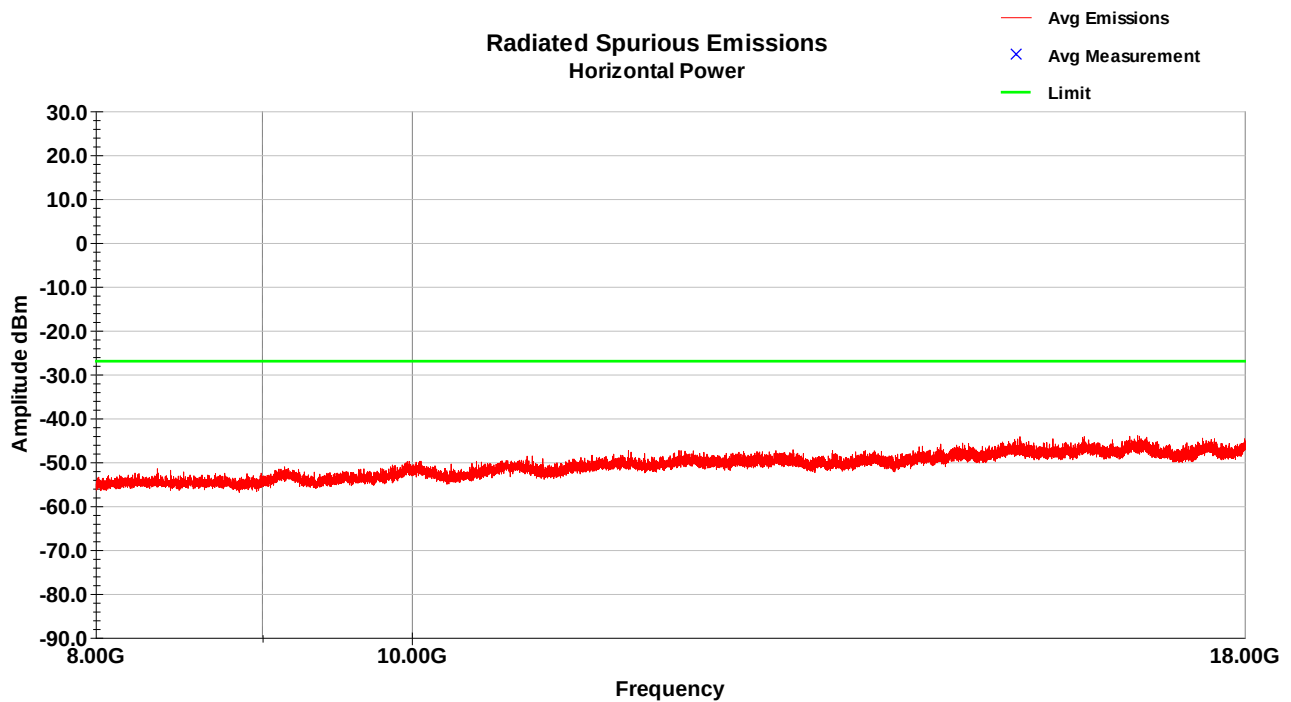
Horizontal Data – 1-8GHz – Mid Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2109.08	-59.5	H	335.0	127.0	31.3	2.3	42.3	-68.1	-27.0	-41.1
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

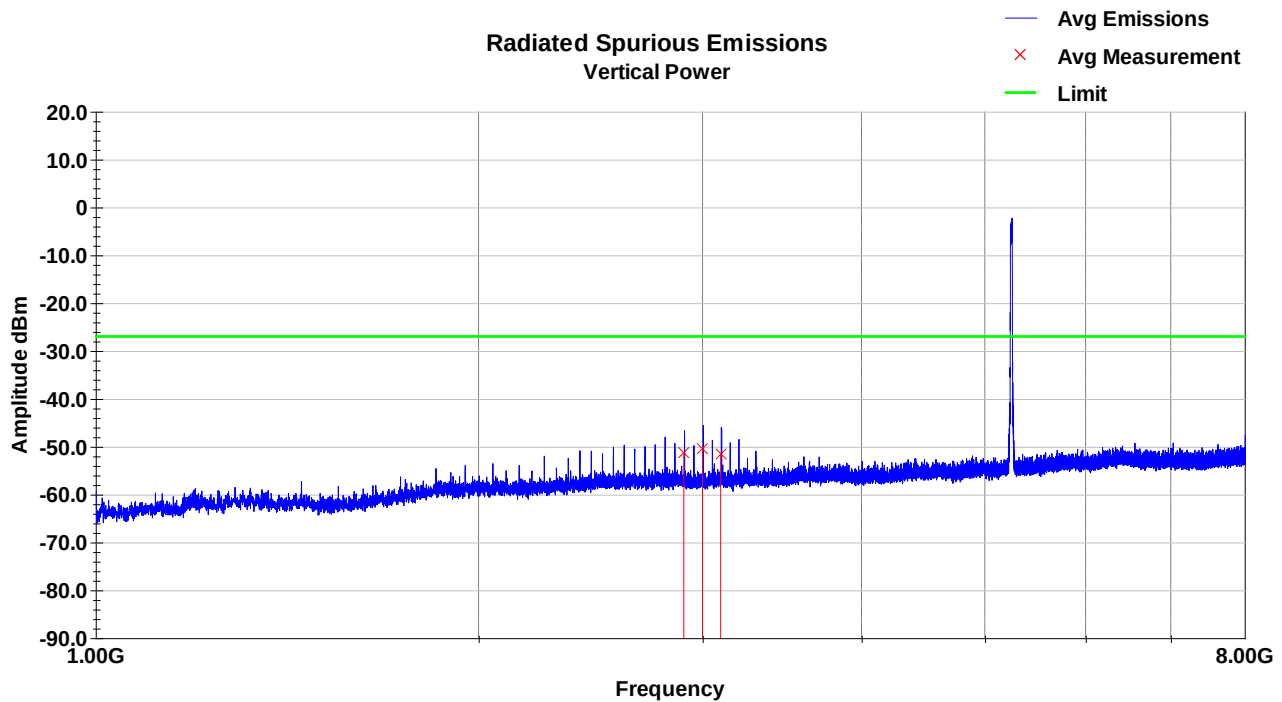
Vertical Plot – 8-18GHz – Mid Channel



Horizontal Plot – 8-18GHz – Mid Channel



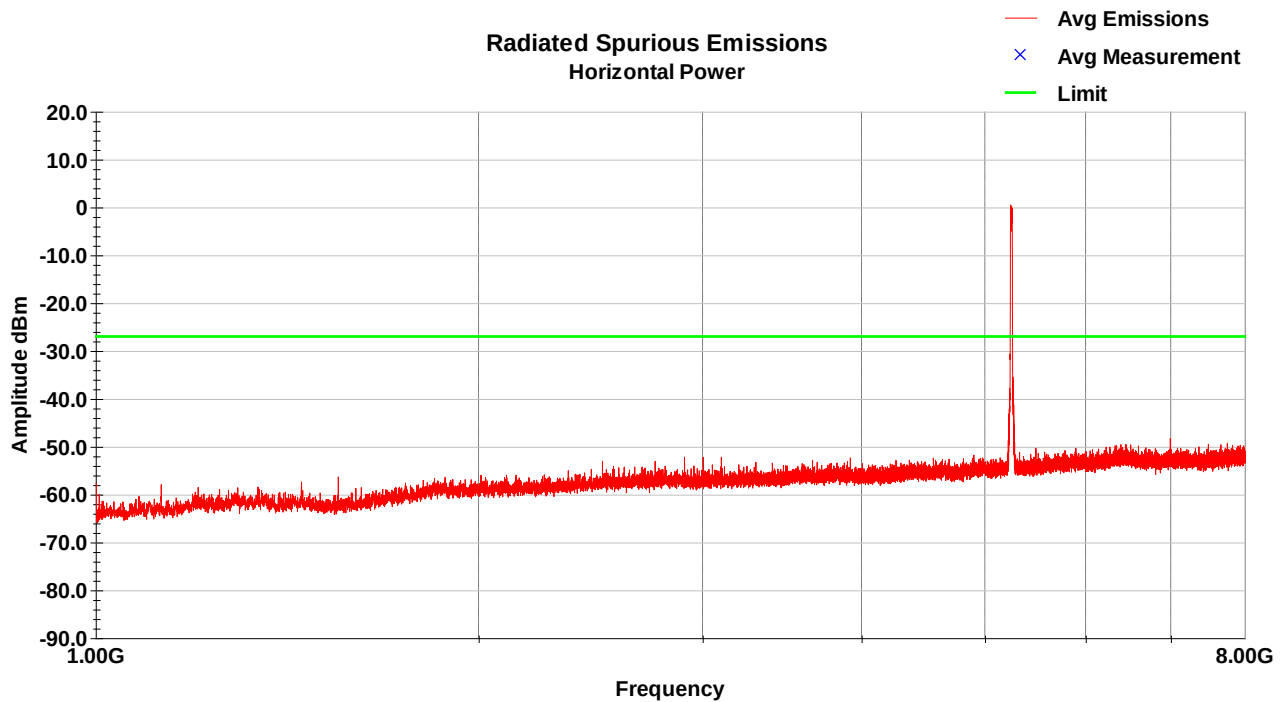
Vertical Plot – 1-8GHz – High Channel



Vertical Data – 1-8GHz – High Channel

Frequency MHz	Raw Avg dBm	Polarity V/H	Azimuth degrees	Height cm	AF dB/m	Loss dB	Amp dB	Avg Value dBm	Limit dBm	Margin dB
2899.80	-44.4	V	354.0	148.0	32.3	2.7	42.0	-51.4	-27.0	-24.4
2999.92	-43.7	V	357.0	100.0	32.4	2.8	42.0	-50.4	-27.0	-23.4
3099.92	-45.3	V	28.0	127.0	32.8	2.8	41.9	-51.7	-27.0	-24.7
Avg Value = Raw Avg + AF + Loss - Amp										
Margin = Avg Value - Limit										

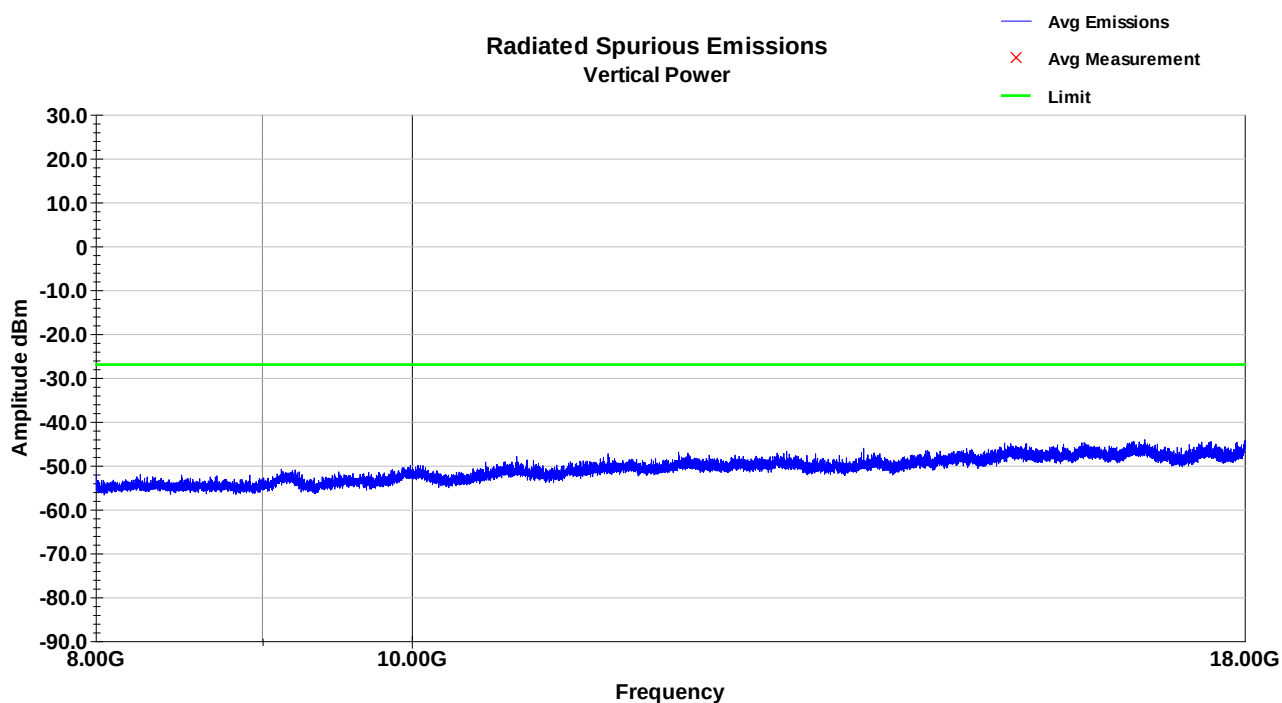
Horizontal Plot – 1-8GHz – High Channel



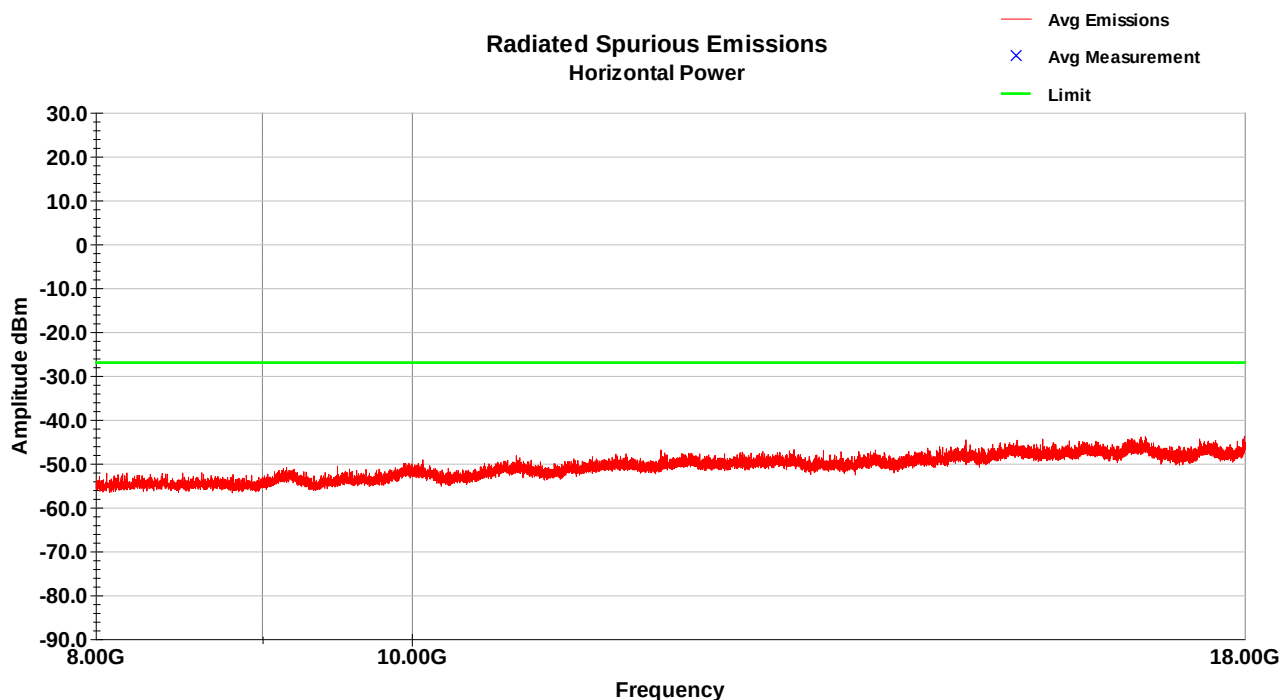
Horizontal Data – 1-8GHz – High Channel

No emissions within 20dB of limit

Vertical Plot – 8-18GHz – High Channel



Horizontal Plot – 8-18GHz – High Channel



The worst-case final data in this section of -49.3dBm is below the restricted band limit of -41.2dBm. Emissions in the 18-40GHz frequency range were similar to those shown in section 3.11.3 above.