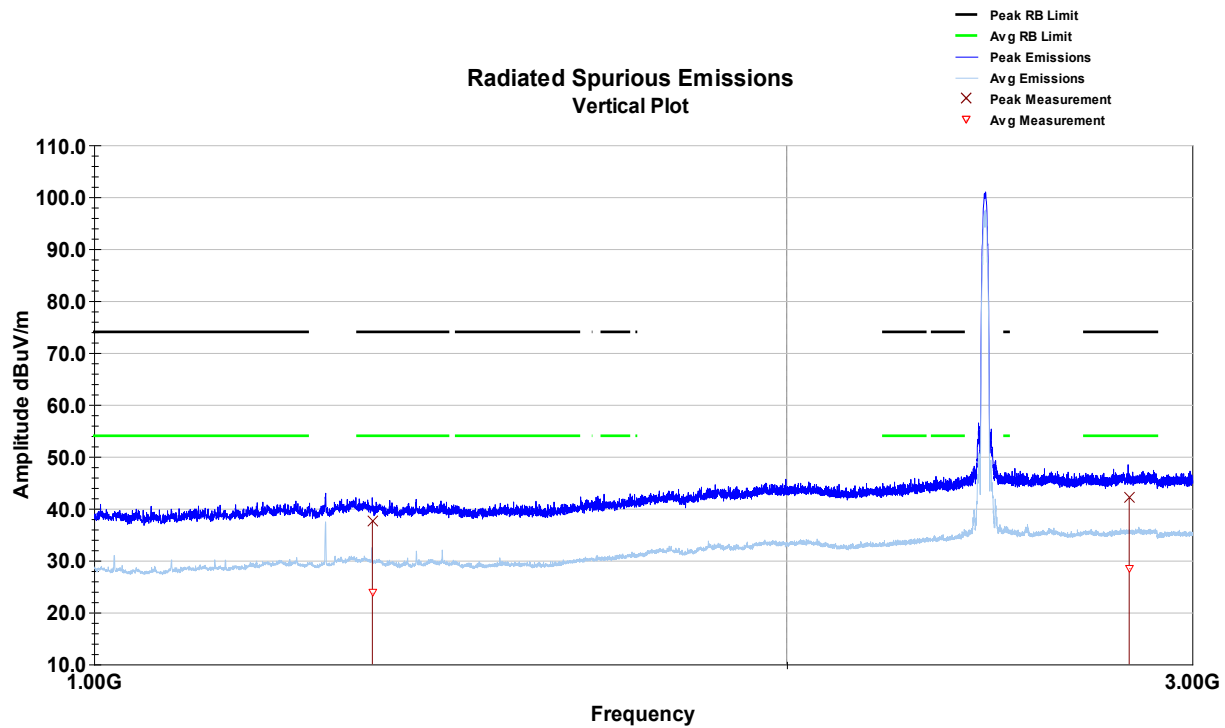


Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11b MCH)



Vertical Radiated Spurious Emissions Data – 1-3GHz (802.11b MCH)

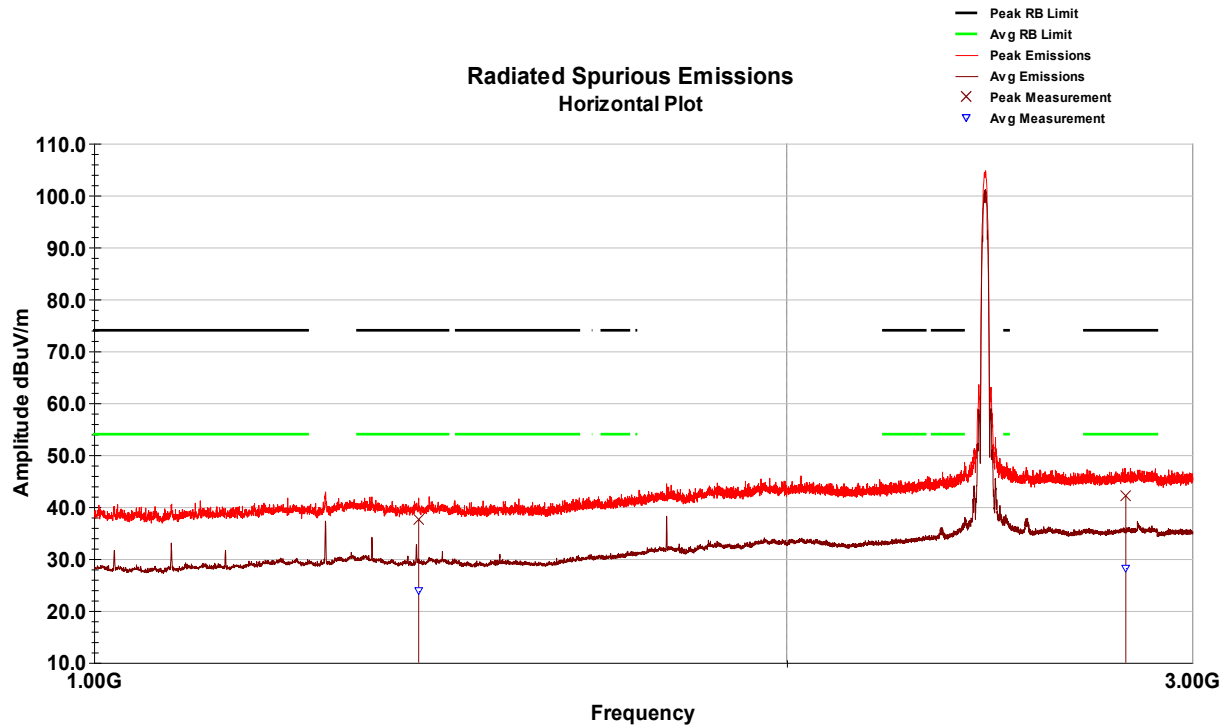
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1321.22	V	253.0	395.0	42.0	28.9	1.3	0.0	34.6	37.6	74.0	-36.4
2816.88	V	138.0	214.0	42.2	32.2	1.9	0.0	34.2	42.1	74.0	-31.9
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1321.22	V	253.0	395.0	28.2	28.9	1.3	0.0	34.6	23.8	54.0	-30.2
2816.88	V	138.0	214.0	28.7	32.2	1.9	0.0	34.2	28.5	54.0	-25.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11b MCH)



Horizontal Radiated Spurious Emissions Data – 1-3GHz (802.11b MCH)

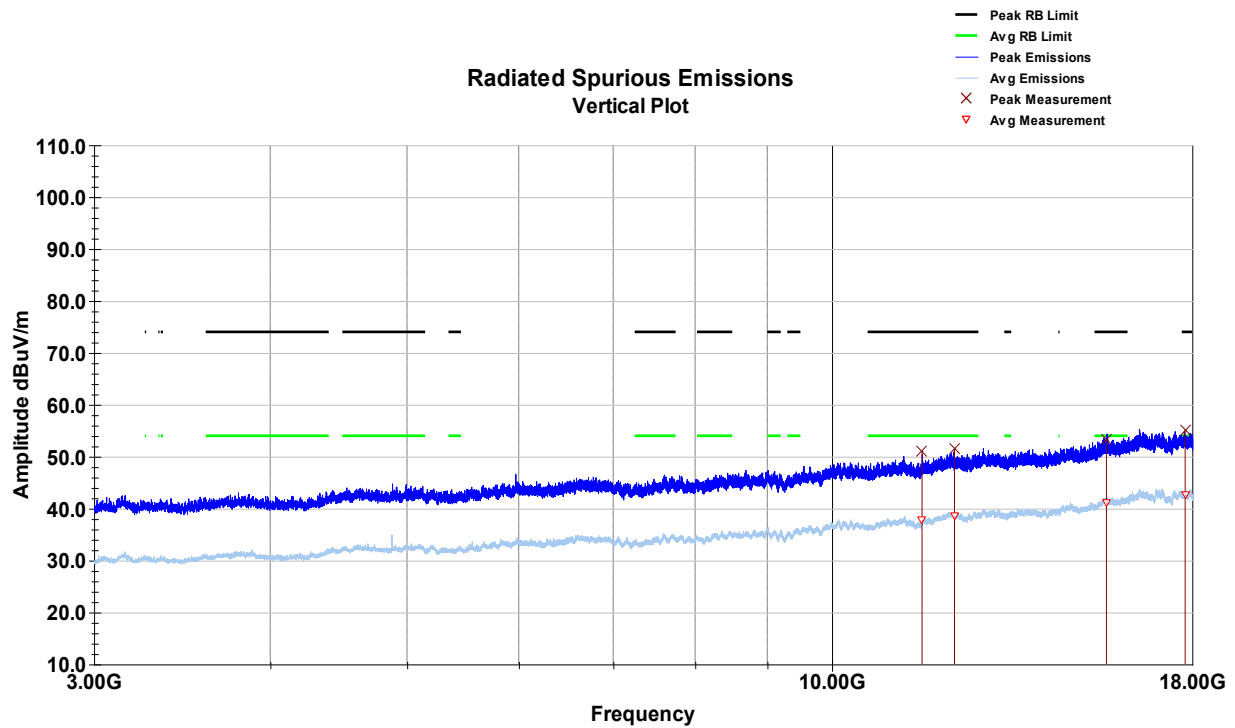
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1383.90	H	0.0	105.0	42.5	28.2	1.3	0.0	34.5	37.6	74.0	-36.4
2807.57	H	0.0	361.0	42.2	32.2	1.9	0.0	34.2	42.2	74.0	-31.8
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1383.90	H	0.0	105.0	28.8	28.2	1.3	0.0	34.5	23.8	54.0	-30.2
2807.57	H	0.0	361.0	28.3	32.2	1.9	0.0	34.2	28.2	54.0	-25.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11b MCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11b MCH)

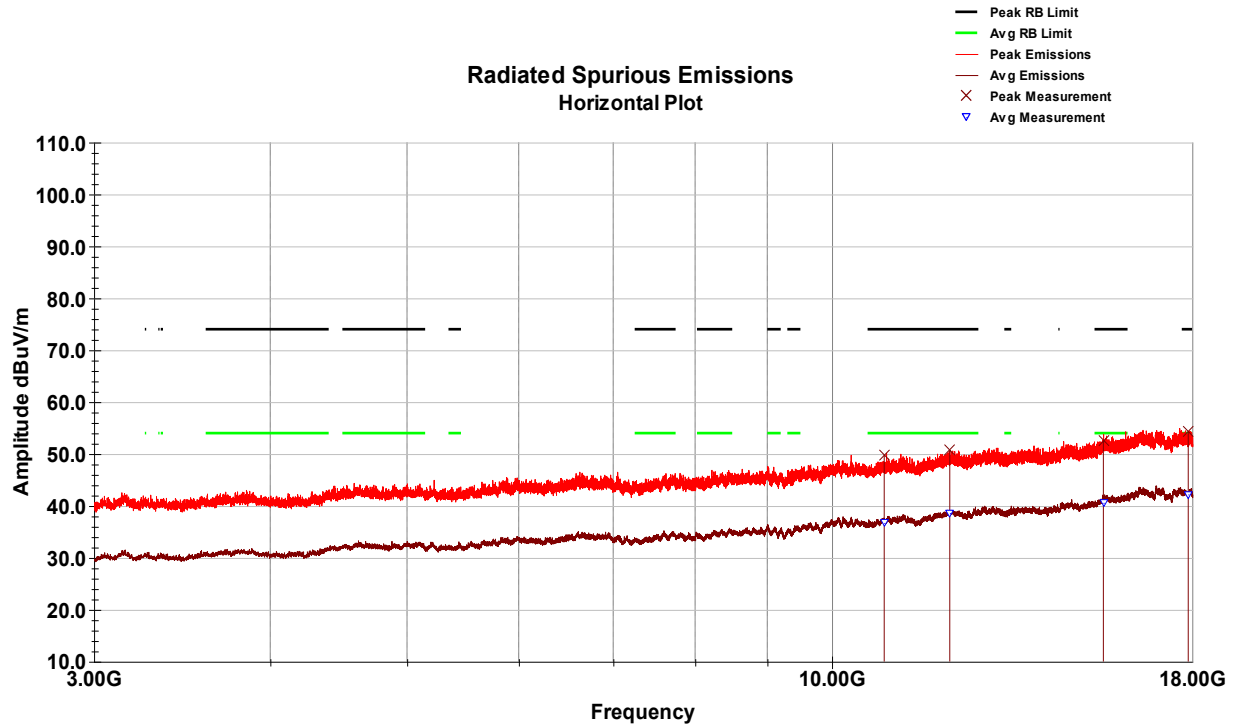
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
11585.40	V	48.0	100.0	44.6	38.5	3.6	0.0	35.6	51.1	74.0	-22.9
12214.12	V	240.0	175.0	44.8	39.1	3.7	0.0	35.9	51.7	74.0	-22.3
15652.65	V	236.0	135.0	44.6	40.5	4.5	0.0	36.2	53.4	74.0	-20.6
17796.94	V	39.0	115.0	45.7	41.3	4.8	0.0	36.6	55.2	74.0	-18.8
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
11585.40	V	48.0	100.0	31.2	38.5	3.6	0.0	35.6	37.7	54.0	-16.2
12214.12	V	240.0	175.0	31.6	39.1	3.7	0.0	35.9	38.5	54.0	-15.5
15652.65	V	236.0	135.0	32.4	40.5	4.5	0.0	36.2	41.2	54.0	-12.8
17796.94	V	39.0	115.0	33.2	41.3	4.8	0.0	36.6	42.7	54.0	-11.3
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11b MCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11b MCH)

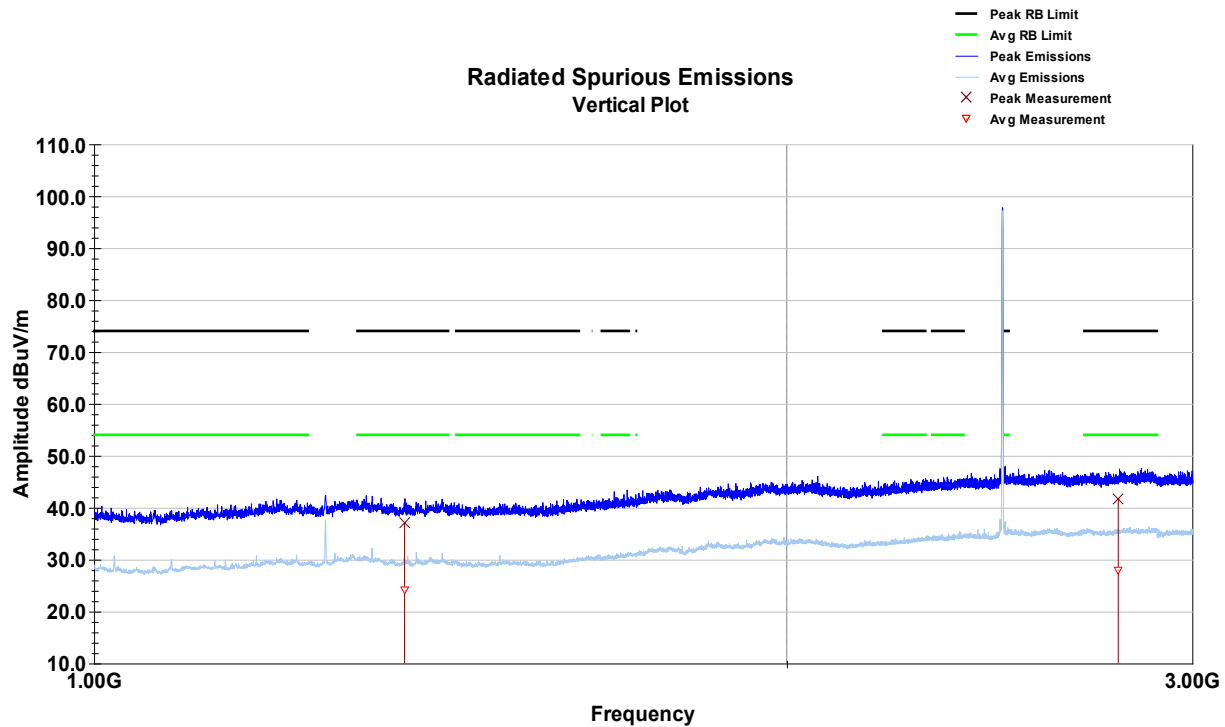
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10892.07	H	0.0	400.0	43.8	38.0	3.6	0.0	35.7	49.7	74.0	-24.3
12122.33	H	0.0	174.0	43.8	39.0	3.7	0.0	35.9	50.7	74.0	-23.3
15573.77	H	0.0	377.0	43.9	40.4	4.4	0.0	36.2	52.5	74.0	-21.5
17887.05	H	0.0	214.0	44.9	41.3	4.8	0.0	36.8	54.3	74.0	-19.7
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10892.07	H	0.0	400.0	30.8	38.0	3.6	0.0	35.7	36.7	54.0	-17.3
12122.33	H	0.0	174.0	31.7	39.0	3.7	0.0	35.9	38.6	54.0	-15.4
15573.77	H	0.0	377.0	32.0	40.4	4.4	0.0	36.2	40.6	54.0	-13.4
17887.05	H	0.0	214.0	32.8	41.3	4.8	0.0	36.8	42.2	54.0	-11.8
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11b HCH)



Vertical Radiated Spurious Emissions Data – 1-3GHz (802.11b HCH)

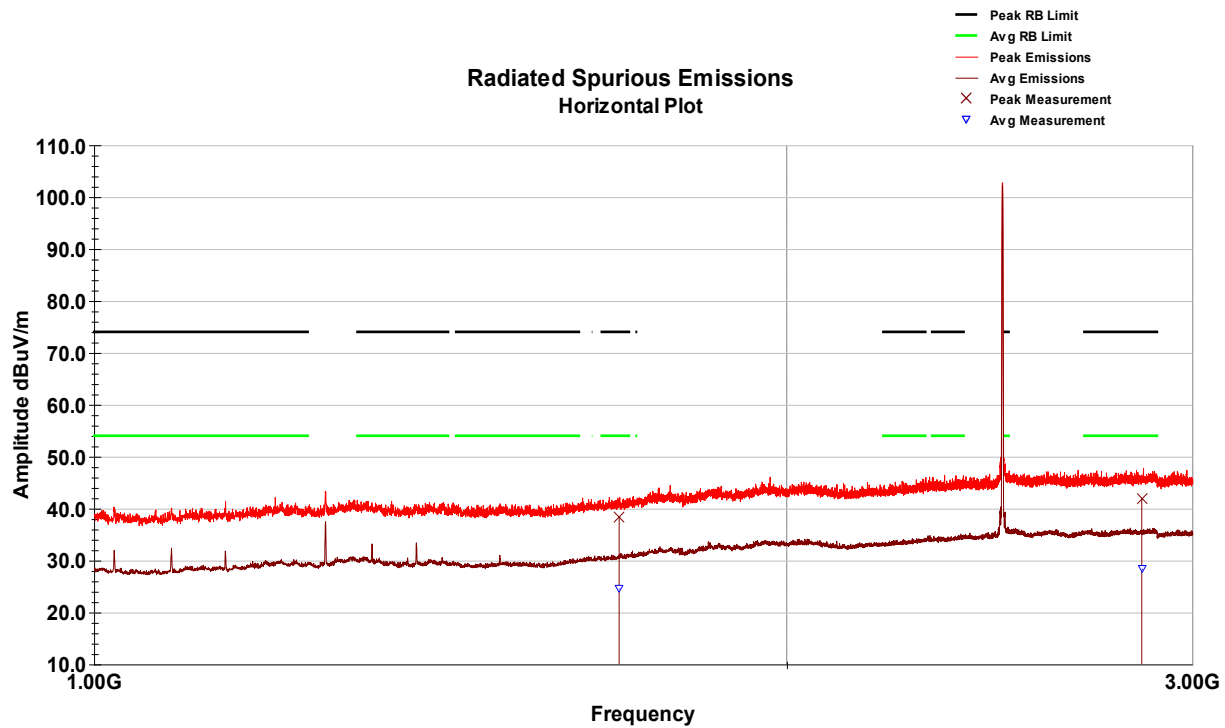
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1364.54	V	105.0	133.0	42.1	28.6	1.2	0.0	34.8	37.2	74.0	-36.8
2786.43	V	278.0	246.0	41.9	32.2	1.9	0.0	34.2	41.7	74.0	-32.3
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1364.54	V	105.0	133.0	29.0	28.6	1.2	0.0	34.8	24.0	54.0	-29.9
2786.43	V	278.0	246.0	28.2	32.2	1.9	0.0	34.2	28.1	54.0	-25.9
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11b HCH)



Horizontal Radiated Spurious Emissions Data – 1-3GHz (802.11b HCH)

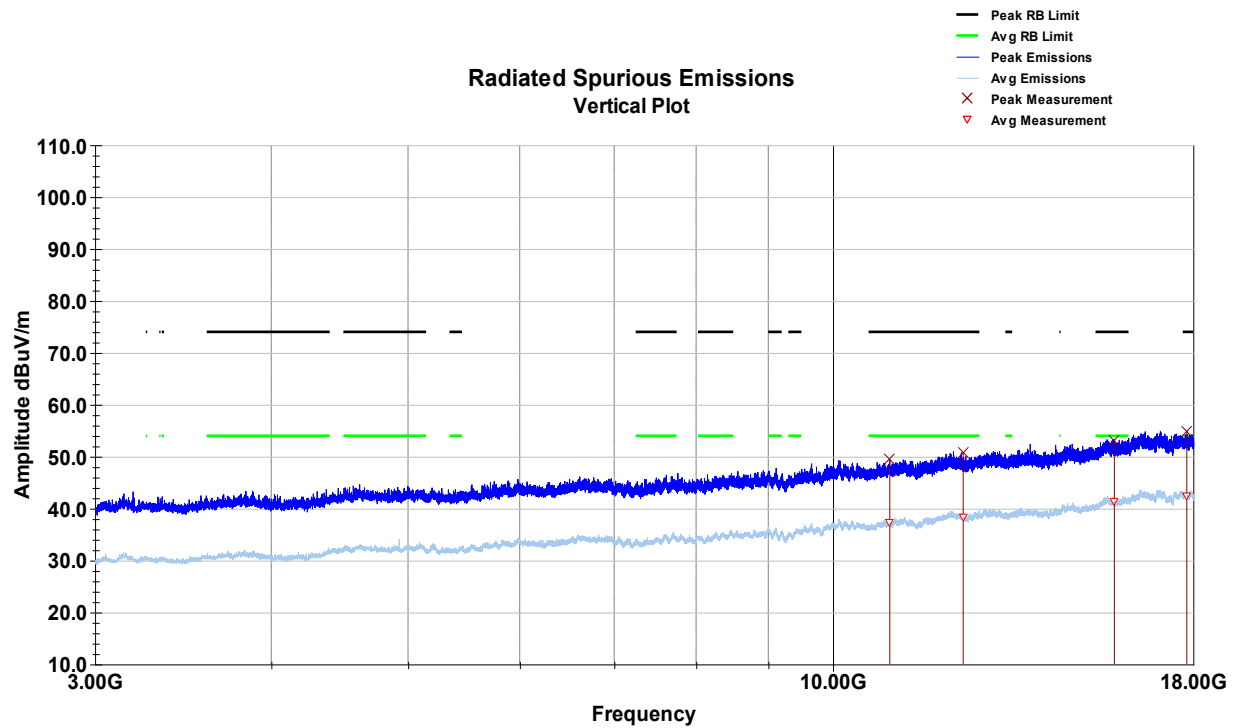
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1691.24	H	271.0	175.0	42.5	29.1	1.4	0.0	34.6	38.4	74.0	-35.6
2852.69	H	202.0	205.0	42.3	32.2	1.8	0.0	34.4	41.9	74.0	-32.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1691.24	H	271.0	175.0	28.7	29.1	1.4	0.0	34.6	24.6	54.0	-29.4
2852.69	H	202.0	205.0	28.7	32.2	1.8	0.0	34.4	28.4	54.0	-25.6
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11b HCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11b HCH)

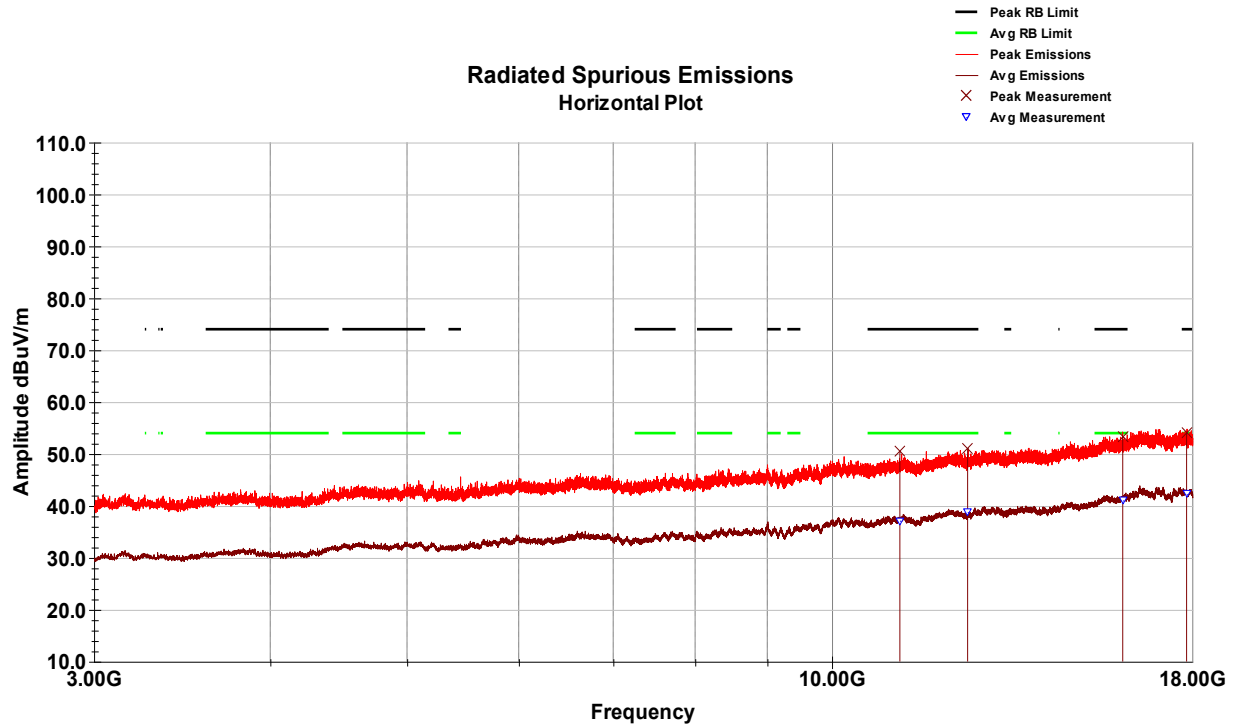
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10974.66	V	314.0	224.0	43.1	38.0	3.7	0.0	35.4	49.4	74.0	-24.6
12368.08	V	140.0	395.0	43.7	39.1	3.6	0.0	35.7	50.7	74.0	-23.3
15829.39	V	307.0	214.0	43.9	40.7	4.5	0.0	36.0	53.1	74.0	-20.9
17816.11	V	125.0	185.0	45.3	41.3	4.9	0.0	36.6	54.9	74.0	-19.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10974.66	V	314.0	224.0	31.0	38.0	3.7	0.0	35.4	37.2	54.0	-16.8
12368.08	V	140.0	395.0	31.3	39.1	3.6	0.0	35.7	38.3	54.0	-15.7
15829.39	V	307.0	214.0	32.1	40.7	4.5	0.0	36.0	41.3	54.0	-12.7
17816.11	V	125.0	185.0	33.0	41.3	4.9	0.0	36.6	42.5	54.0	-11.5
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11b HCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11b HCH)

Peak

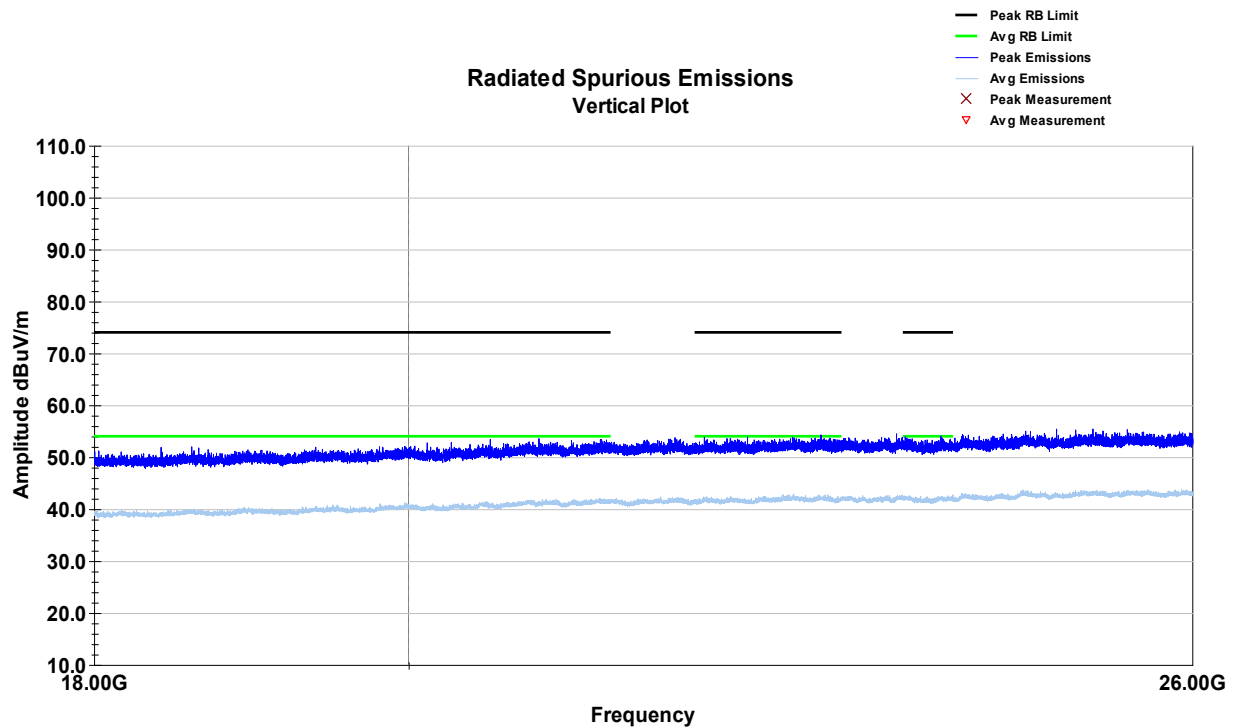
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
11173.79	H	0.0	246.0	44.4	38.0	3.3	0.0	35.2	50.5	74.0	-23.5
12479.61	H	0.0	296.0	43.9	39.1	3.8	0.0	35.7	51.1	74.0	-22.9
16075.18	H	0.0	224.0	43.9	40.9	4.5	0.0	35.9	53.3	74.0	-20.7
17838.79	H	0.0	246.0	44.7	41.3	4.8	0.0	36.7	54.1	74.0	-19.9
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

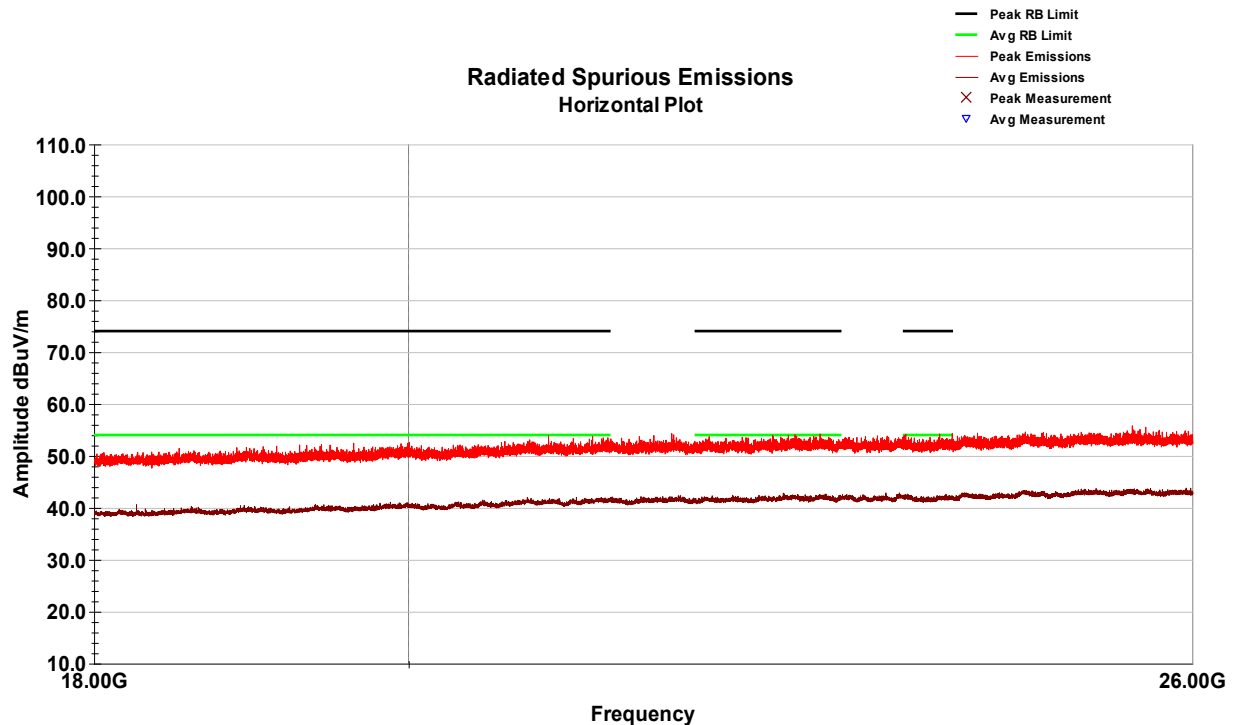
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
11173.79	H	0.0	246.0	31.0	38.0	3.3	0.0	35.2	37.2	54.0	-16.8
12479.61	H	0.0	296.0	31.6	39.1	3.8	0.0	35.7	38.8	54.0	-15.1
16075.18	H	0.0	224.0	31.6	40.9	4.5	0.0	35.9	41.1	54.0	-12.9
17838.79	H	0.0	246.0	32.8	41.3	4.8	0.0	36.7	42.3	54.0	-11.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

In the 18-26GHz range, there was little deviation with respect to axis, modulation or channel (worst case shown).

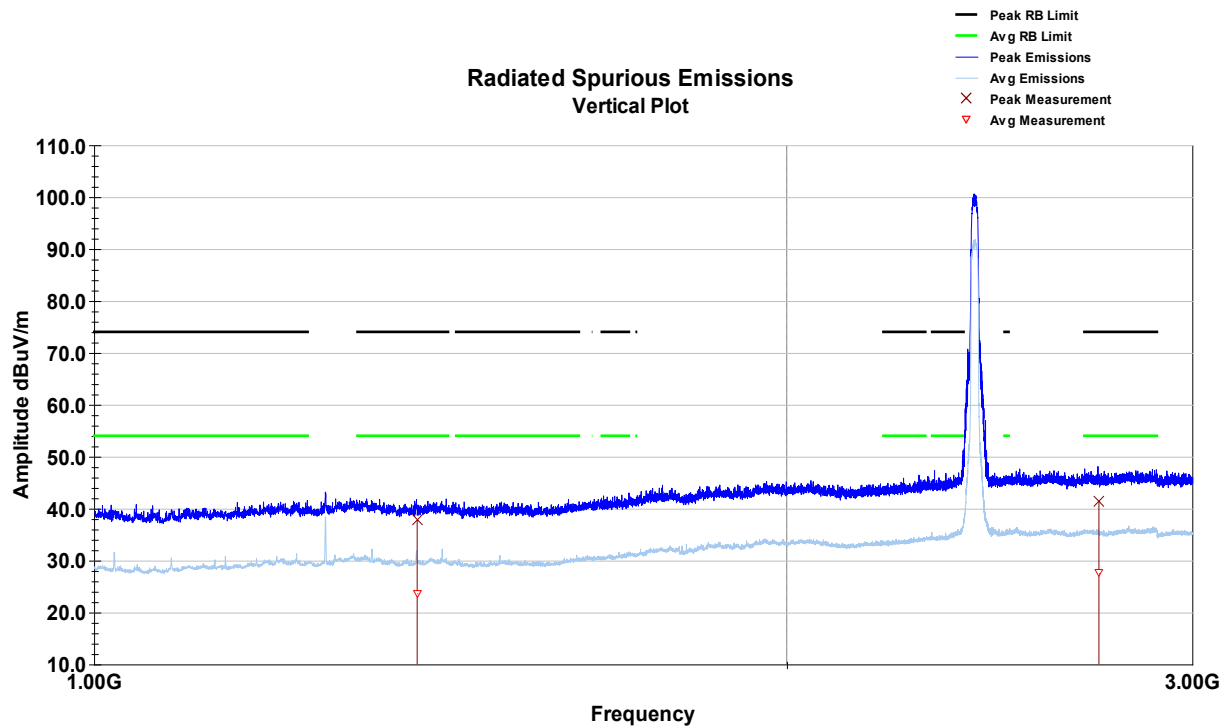
Vertical Radiated Spurious Emissions Plot – 18-26GHz (802.11b MCH)



Horizontal Radiated Spurious Emissions Plot – 18-26GHz (802.11b MCH)



Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11g LCH)



Vertical Radiated Spurious Emissions Data – 1-3GHz (802.11g LCH)

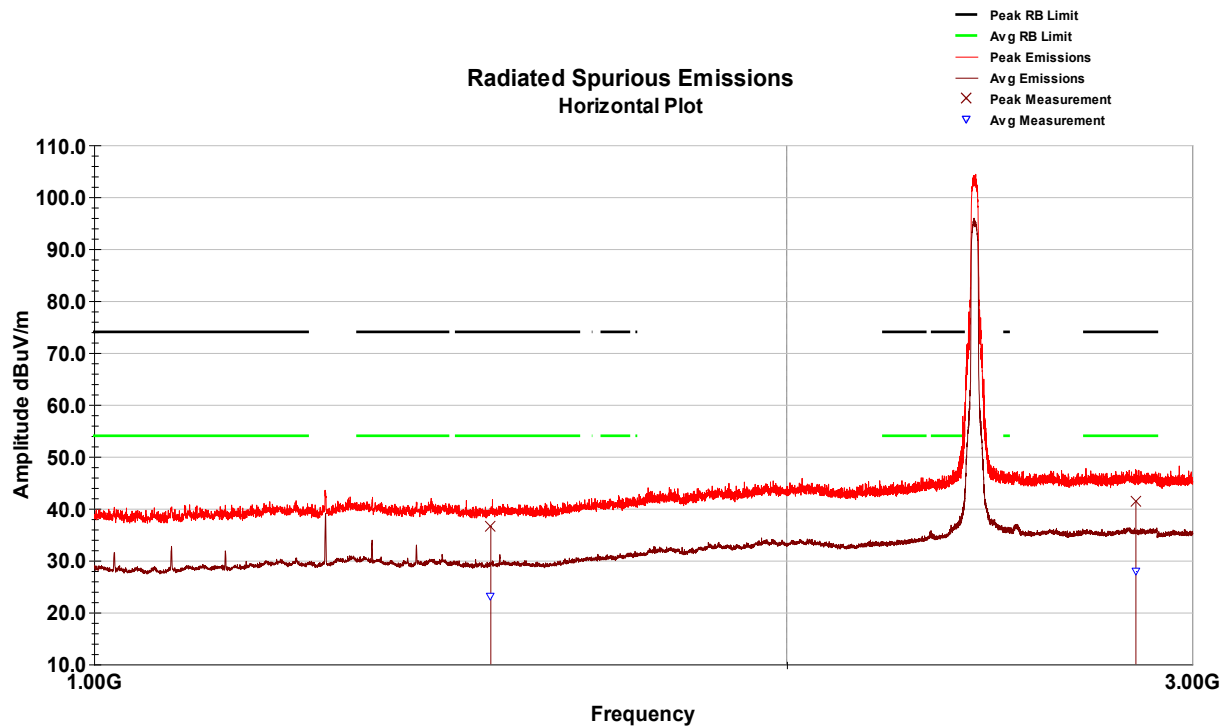
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1381.82	V	34.0	204.0	42.8	28.3	1.3	0.0	34.5	37.8	74.0	-36.2
2733.05	V	332.0	225.0	41.8	32.1	1.9	0.0	34.3	41.4	74.0	-32.6
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1381.82	V	34.0	204.0	28.7	28.3	1.3	0.0	34.5	23.7	54.0	-30.3
2733.05	V	332.0	225.0	27.9	32.1	1.9	0.0	34.3	27.6	54.0	-26.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11g LCH)



Horizontal Radiated Spurious Emissions Data – 1-3GHz (802.11g LCH)

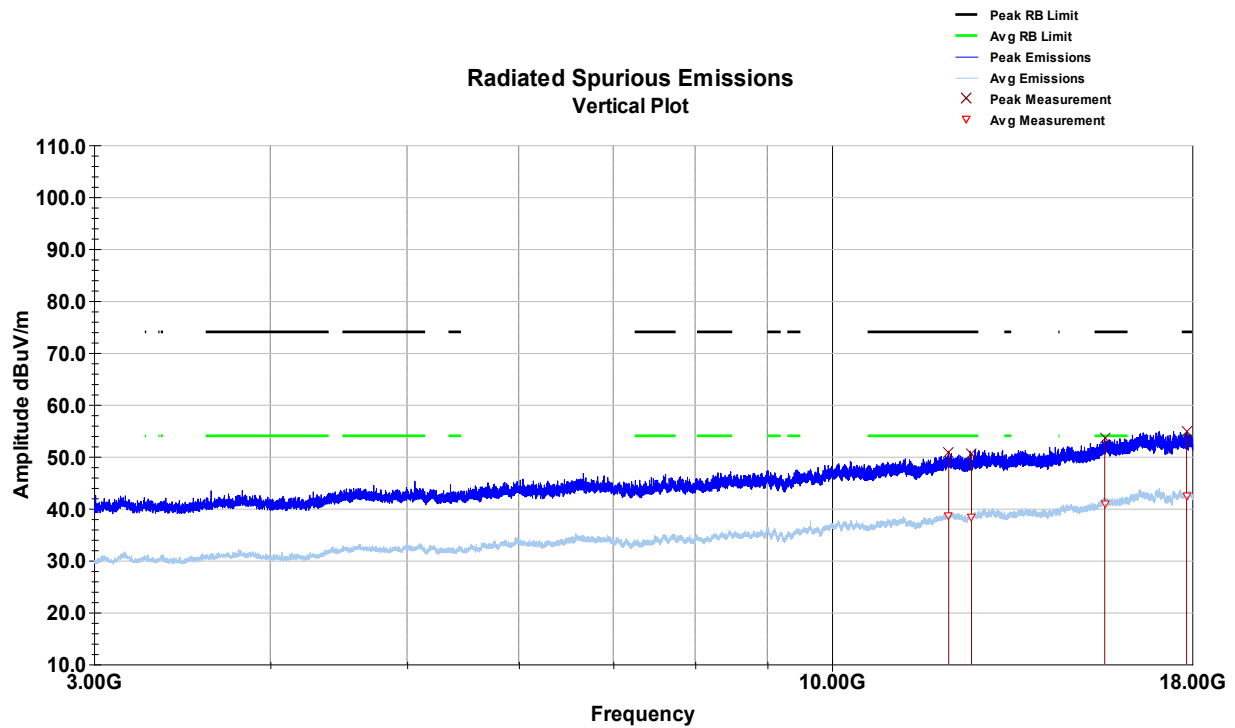
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
1487.46	H	208.0	100.0	42.1	27.6	1.3	0.0	34.4	36.6	74.0	-37.4
2835.98	H	187.0	100.0	41.7	32.2	1.9	0.0	34.3	41.4	74.0	-32.6
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
1487.46	H	208.0	100.0	28.5	27.6	1.3	0.0	34.4	23.0	54.0	-31.0
2835.98	H	187.0	100.0	28.3	32.2	1.9	0.0	34.3	28.0	54.0	-26.0
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11g LCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11g LCH)

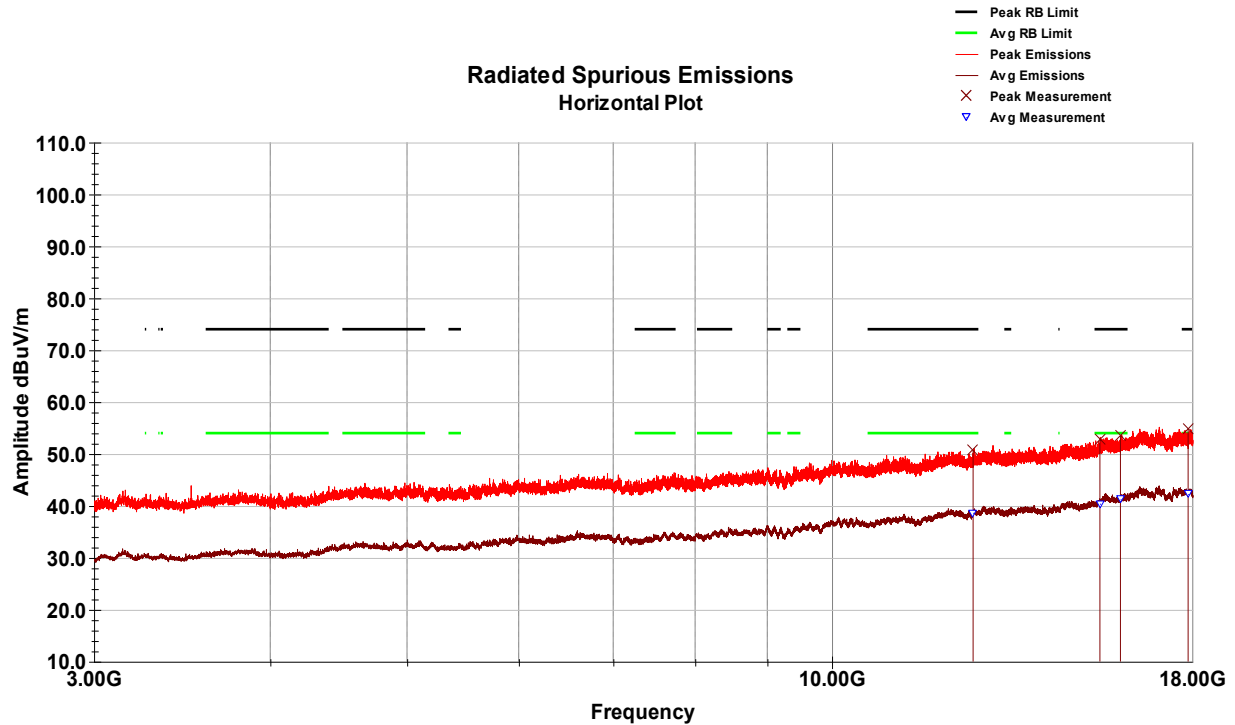
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
12100.55	V	298.0	254.0	44.0	39.0	3.8	0.0	36.0	50.8	74.0	-23.2
12559.81	V	275.0	133.0	43.4	39.2	3.7	0.0	35.8	50.5	74.0	-23.5
15607.07	V	281.0	115.0	45.1	40.4	4.4	0.0	36.3	53.6	74.0	-20.4
17838.78	V	136.0	135.0	45.3	41.3	4.8	0.0	36.7	54.8	74.0	-19.2
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
12100.55	V	298.0	254.0	31.8	39.0	3.8	0.0	36.0	38.6	54.0	-15.4
12559.81	V	275.0	133.0	31.3	39.2	3.7	0.0	35.8	38.4	54.0	-15.6
15607.07	V	281.0	115.0	32.3	40.4	4.4	0.0	36.3	40.8	54.0	-13.2
17838.78	V	136.0	135.0	32.8	41.3	4.8	0.0	36.7	42.3	54.0	-11.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11g LCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11g LCH)

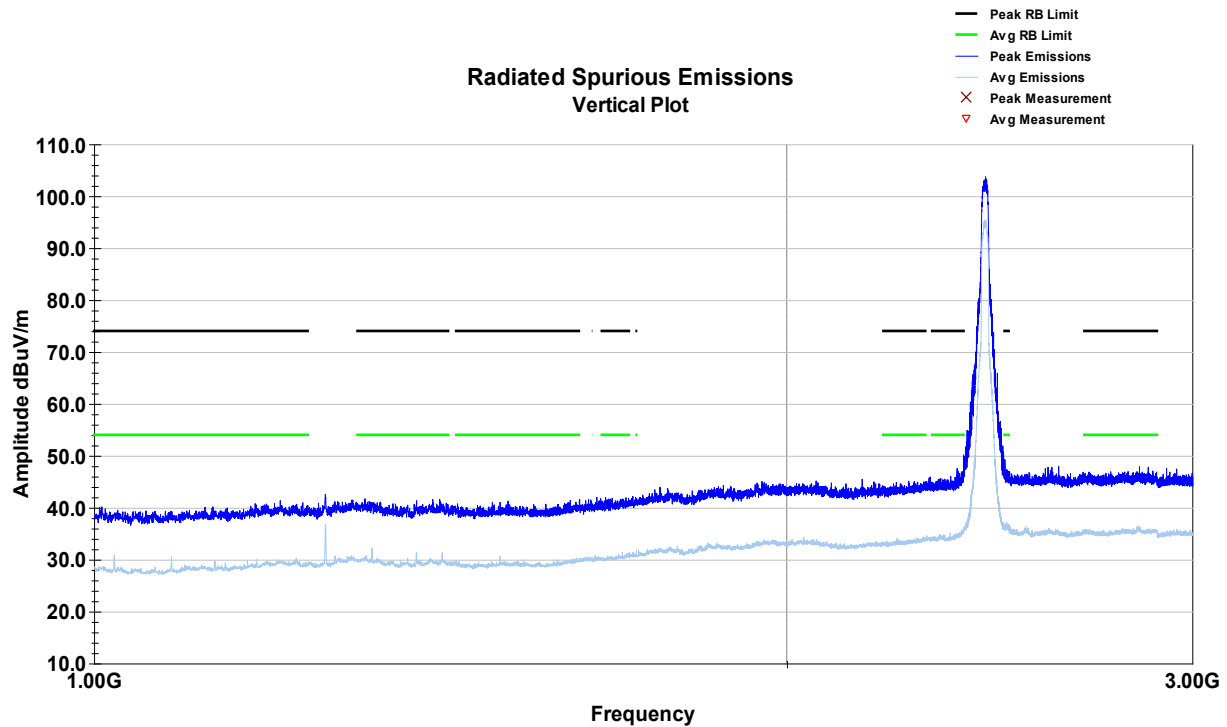
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
12592.39	H	0.0	175.0	43.3	39.3	3.8	0.0	35.6	50.8	74.0	-23.2
15487.08	H	0.0	336.0	44.4	40.3	4.3	0.0	36.3	52.7	74.0	-21.3
16013.32	H	0.0	123.0	44.0	40.8	4.6	0.0	35.9	53.5	74.0	-20.5
17884.70	H	0.0	296.0	45.5	41.3	4.8	0.0	36.8	54.9	74.0	-19.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

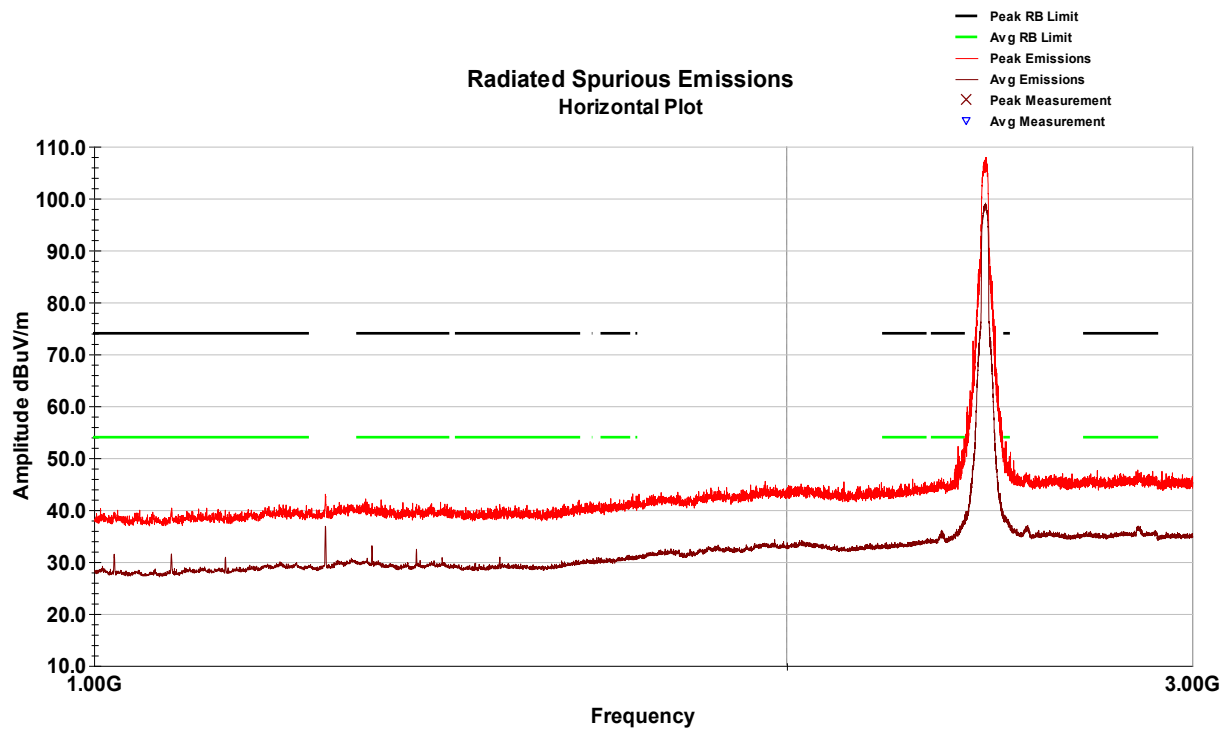
Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
12592.39	H	0.0	175.0	31.2	39.3	3.8	0.0	35.6	38.7	54.0	-15.3
15487.08	H	0.0	336.0	32.1	40.3	4.3	0.0	36.3	40.4	54.0	-13.6
16013.32	H	0.0	123.0	31.8	40.8	4.6	0.0	35.9	41.3	54.0	-12.7
17884.70	H	0.0	296.0	32.9	41.3	4.8	0.0	36.8	42.3	54.0	-11.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

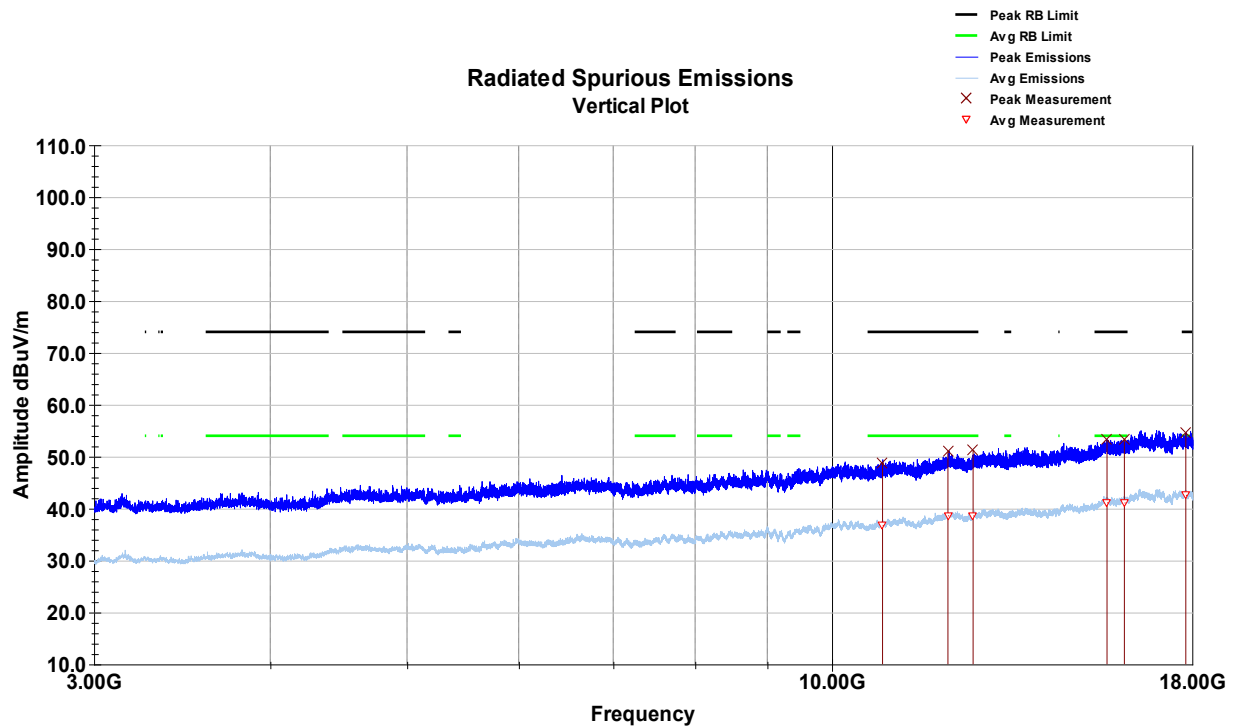
Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11g MCH)



Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11g MCH)



Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11g MCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11g MCH)

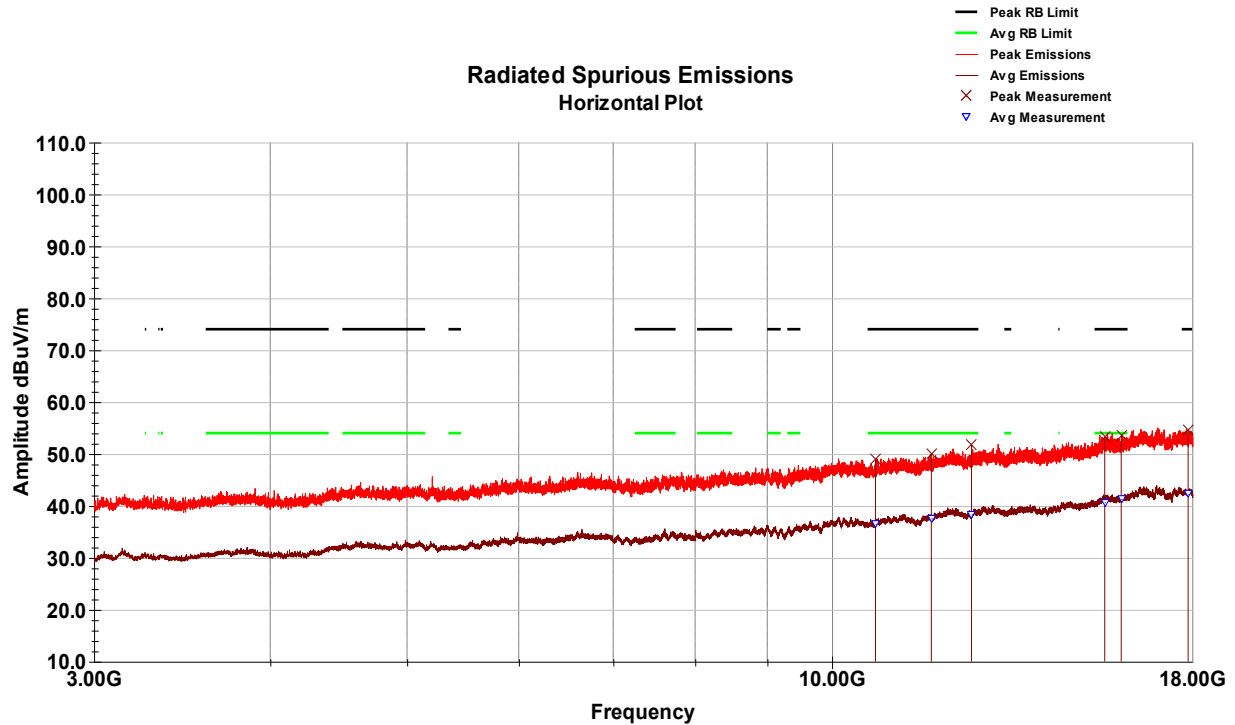
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10862.04	V	206.0	194.0	42.6	38.0	3.6	0.0	35.4	48.8	74.0	-25.2
12084.89	V	86.0	115.0	44.1	39.0	3.8	0.0	35.9	51.0	74.0	-23.0
12592.26	V	302.0	215.0	43.7	39.3	3.8	0.0	35.6	51.2	74.0	-22.8
15667.36	V	236.0	256.0	44.5	40.5	4.5	0.0	36.2	53.2	74.0	-20.8
16116.80	V	54.0	204.0	43.9	40.9	4.6	0.0	36.0	53.3	74.0	-20.7
17815.75	V	16.0	377.0	44.9	41.3	4.9	0.0	36.6	54.5	74.0	-19.5
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10862.04	V	206.0	194.0	30.6	38.0	3.6	0.0	35.4	36.8	54.0	-17.1
12084.89	V	86.0	115.0	31.9	39.0	3.8	0.0	35.9	38.7	54.0	-15.3
12592.26	V	302.0	215.0	31.2	39.3	3.8	0.0	35.6	38.7	54.0	-15.3
15667.36	V	236.0	256.0	32.5	40.5	4.5	0.0	36.2	41.2	54.0	-12.8
16116.80	V	54.0	204.0	31.7	40.9	4.6	0.0	36.0	41.2	54.0	-12.8
17815.75	V	16.0	377.0	33.1	41.3	4.9	0.0	36.6	42.6	54.0	-11.3
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11g MCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11g MCH)

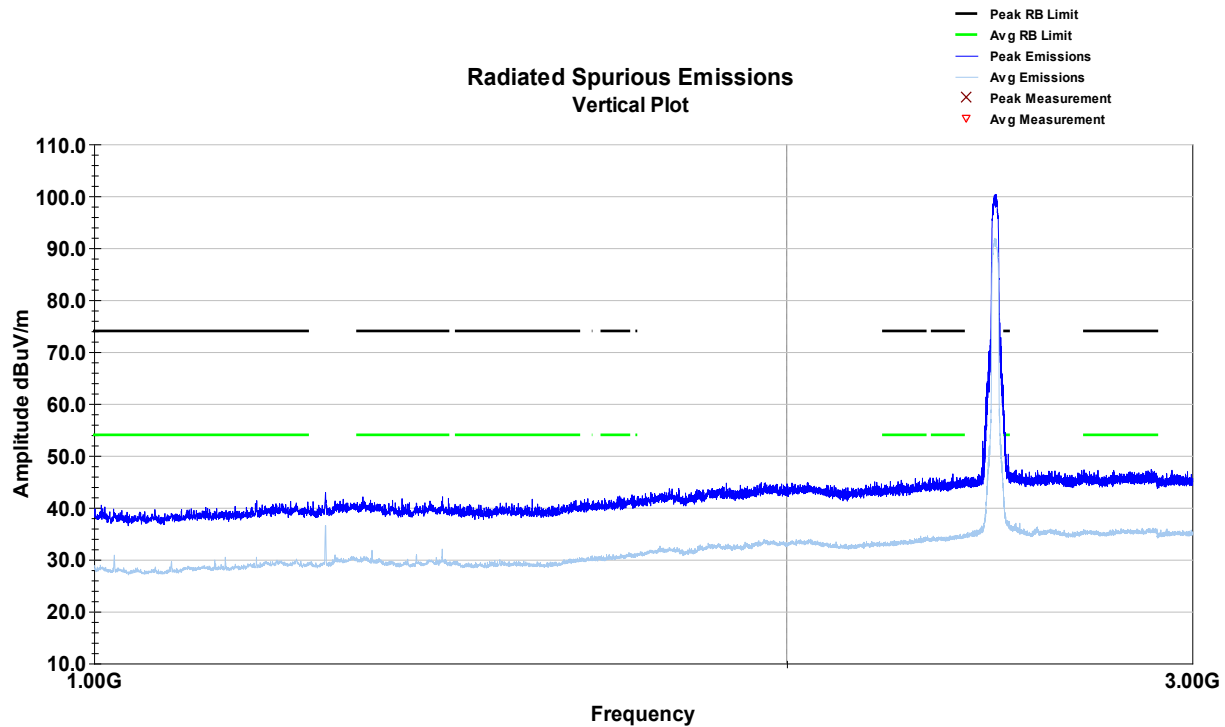
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10737.37	H	0.0	123.0	42.8	37.9	3.6	0.0	35.4	48.9	74.0	-25.1
11763.23	H	0.0	316.0	43.7	38.8	3.4	0.0	35.8	50.0	74.0	-24.0
12560.06	H	0.0	315.0	44.7	39.2	3.7	0.0	35.8	51.7	74.0	-22.3
15606.96	H	0.0	133.0	44.8	40.4	4.4	0.0	36.3	53.3	74.0	-20.7
16033.91	H	0.0	145.0	44.1	40.9	4.5	0.0	35.9	53.6	74.0	-20.4
17884.70	H	0.0	185.0	45.2	41.3	4.8	0.0	36.8	54.6	74.0	-19.4
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

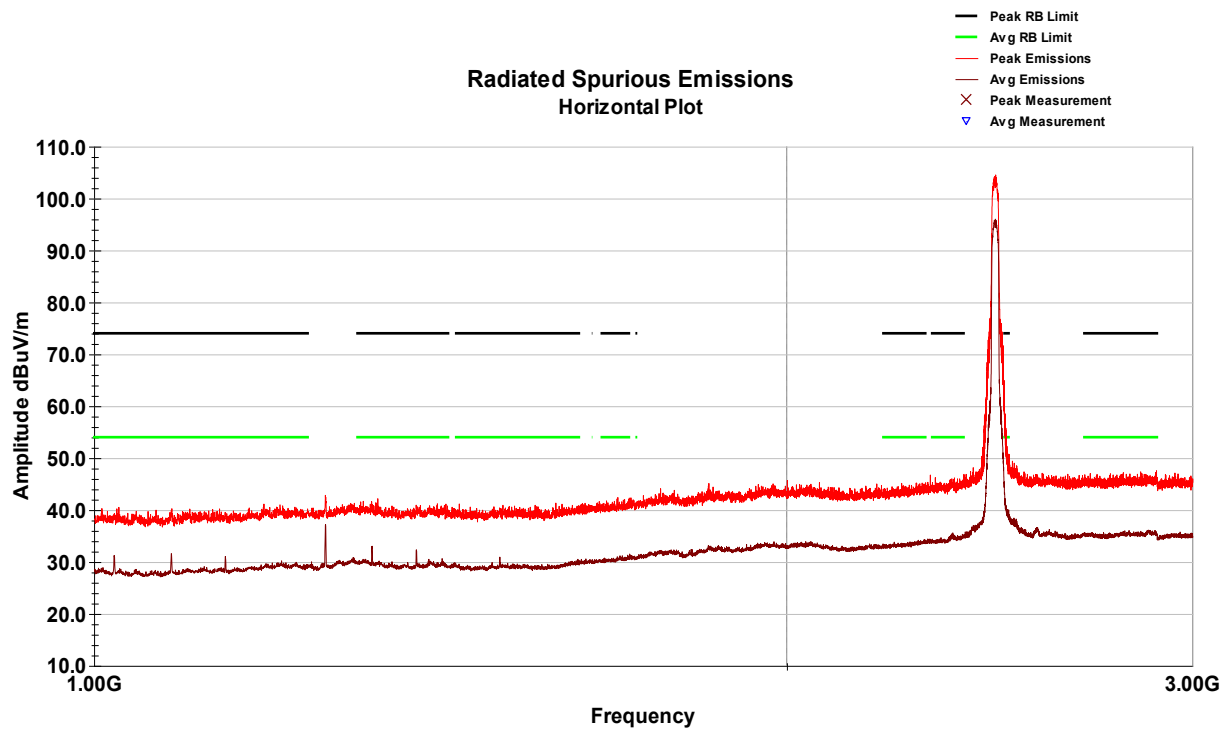
Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10737.37	H	0.0	123.0	30.4	37.9	3.6	0.0	35.4	36.5	54.0	-17.5
11763.23	H	0.0	316.0	31.3	38.8	3.4	0.0	35.8	37.6	54.0	-16.4
12560.06	H	0.0	315.0	31.3	39.2	3.7	0.0	35.8	38.4	54.0	-15.6
15606.96	H	0.0	133.0	32.2	40.4	4.4	0.0	36.3	40.7	54.0	-13.2
16033.91	H	0.0	145.0	31.9	40.9	4.5	0.0	35.9	41.3	54.0	-12.6
17884.70	H	0.0	185.0	32.9	41.3	4.8	0.0	36.8	42.3	54.0	-11.7
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

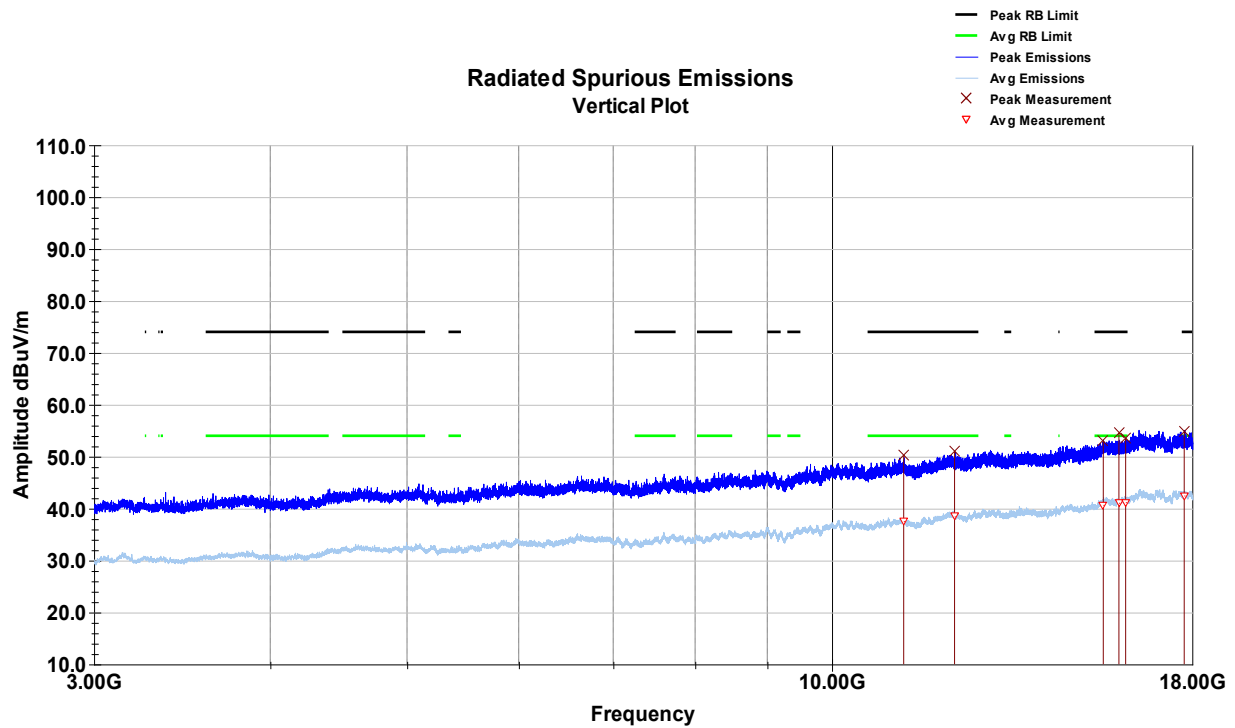
Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11g HCH)



Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11g HCH)



Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11g HCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11g HCH)

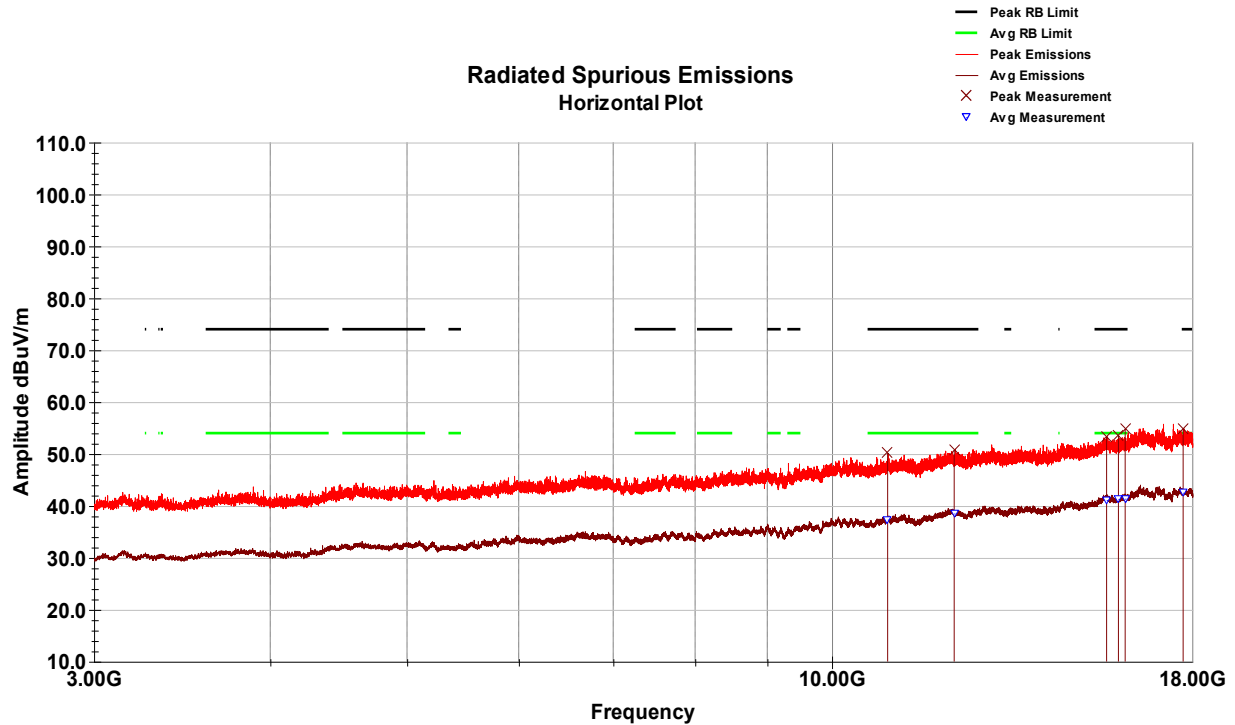
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
11243.14	V	96.0	335.0	43.9	38.1	3.4	0.0	35.2	50.2	74.0	-23.8
12217.64	V	198.0	295.0	44.1	39.1	3.7	0.0	35.9	50.9	74.0	-23.1
15571.07	V	13.0	174.0	44.4	40.4	4.5	0.0	36.2	53.0	74.0	-21.0
15972.81	V	136.0	145.0	45.2	40.8	4.5	0.0	35.9	54.6	74.0	-19.4
16150.80	V	87.0	306.0	44.2	40.9	4.4	0.0	36.0	53.5	74.0	-20.5
17769.11	V	146.0	194.0	45.4	41.3	4.8	0.0	36.7	54.8	74.0	-19.2
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
11243.14	V	96.0	335.0	31.3	38.1	3.4	0.0	35.2	37.6	54.0	-16.4
12217.64	V	198.0	295.0	31.7	39.1	3.7	0.0	35.9	38.5	54.0	-15.5
15571.07	V	13.0	174.0	32.1	40.4	4.5	0.0	36.2	40.7	54.0	-13.3
15972.81	V	136.0	145.0	31.7	40.8	4.5	0.0	35.9	41.1	54.0	-12.9
16150.80	V	87.0	306.0	32.0	40.9	4.4	0.0	36.0	41.2	54.0	-12.7
17769.11	V	146.0	194.0	33.2	41.3	4.8	0.0	36.7	42.5	54.0	-11.5
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11g HCH)



Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11g HCH)

Peak

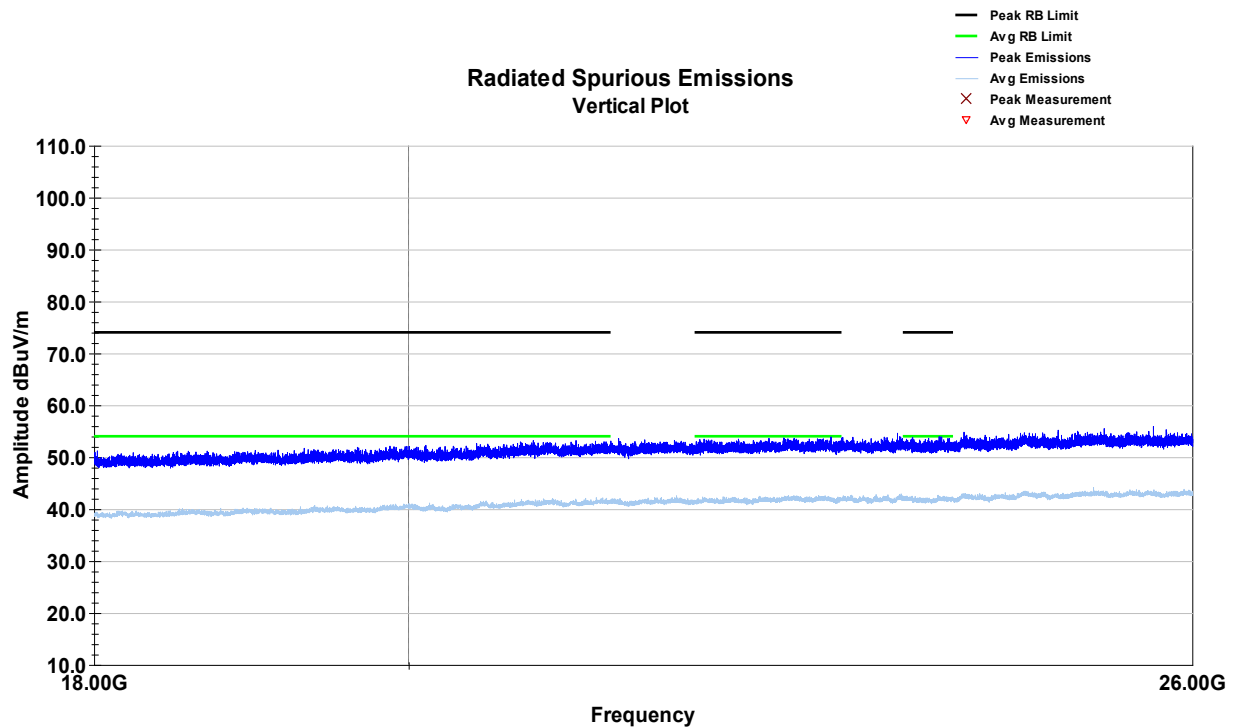
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10953.71	H	0.0	387.0	43.6	38.0	3.7	0.0	35.1	50.2	74.0	-23.8
12210.03	H	0.0	385.0	43.9	39.1	3.7	0.0	36.0	50.7	74.0	-23.3
15656.23	H	0.0	174.0	44.5	40.5	4.5	0.0	36.2	53.3	74.0	-20.7
15960.79	H	0.0	215.0	44.1	40.8	4.5	0.0	35.9	53.5	74.0	-20.5
16138.30	H	0.0	175.0	45.5	40.9	4.4	0.0	36.0	54.8	74.0	-19.2
17738.59	H	0.0	336.0	45.4	41.3	4.9	0.0	36.7	54.9	74.0	-19.1
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

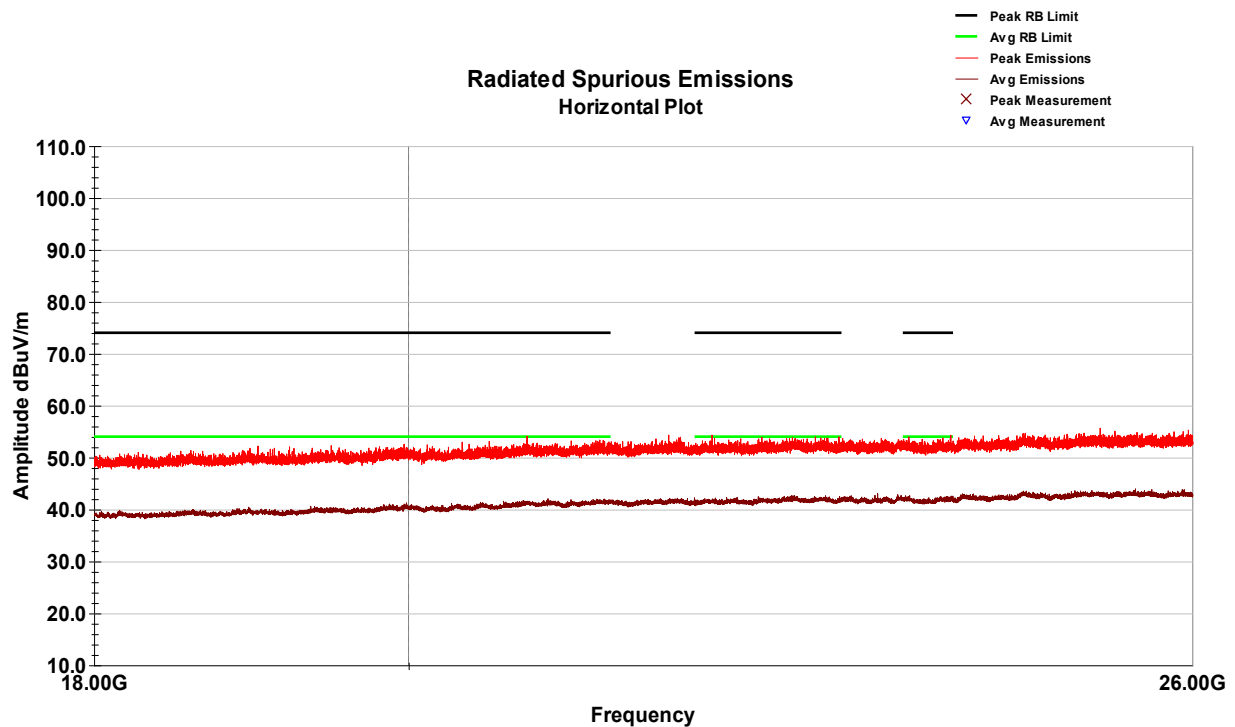
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10953.71	H	0.0	387.0	30.8	38.0	3.7	0.0	35.1	37.4	54.0	-16.6
12210.03	H	0.0	385.0	31.7	39.1	3.7	0.0	36.0	38.6	54.0	-15.4
15656.23	H	0.0	174.0	32.4	40.5	4.5	0.0	36.2	41.1	54.0	-12.9
15960.79	H	0.0	215.0	31.9	40.8	4.5	0.0	35.9	41.3	54.0	-12.6
16138.30	H	0.0	175.0	32.0	40.9	4.4	0.0	36.0	41.4	54.0	-12.6
17738.59	H	0.0	336.0	33.1	41.3	4.9	0.0	36.7	42.6	54.0	-11.4
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

In the 18-26GHz range, there was little deviation with respect to axis, modulation or channel (worst case shown).

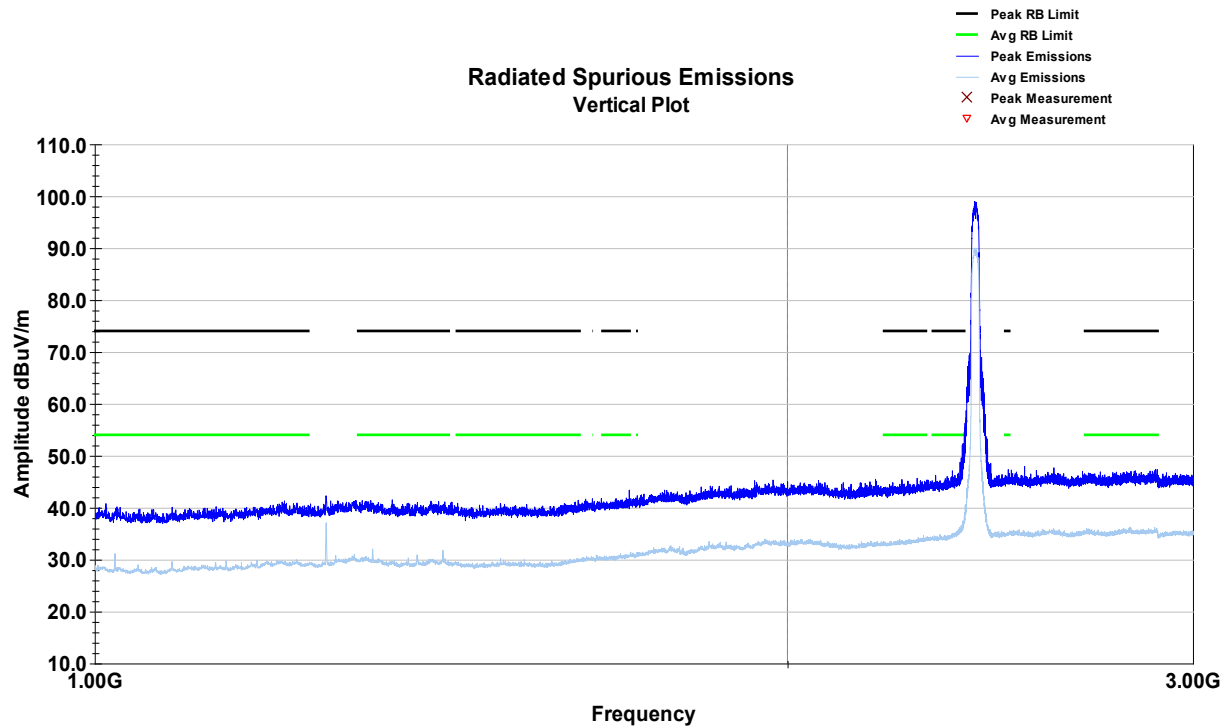
Vertical Radiated Spurious Emissions Plot – 18-26GHz (802.1g MCH)



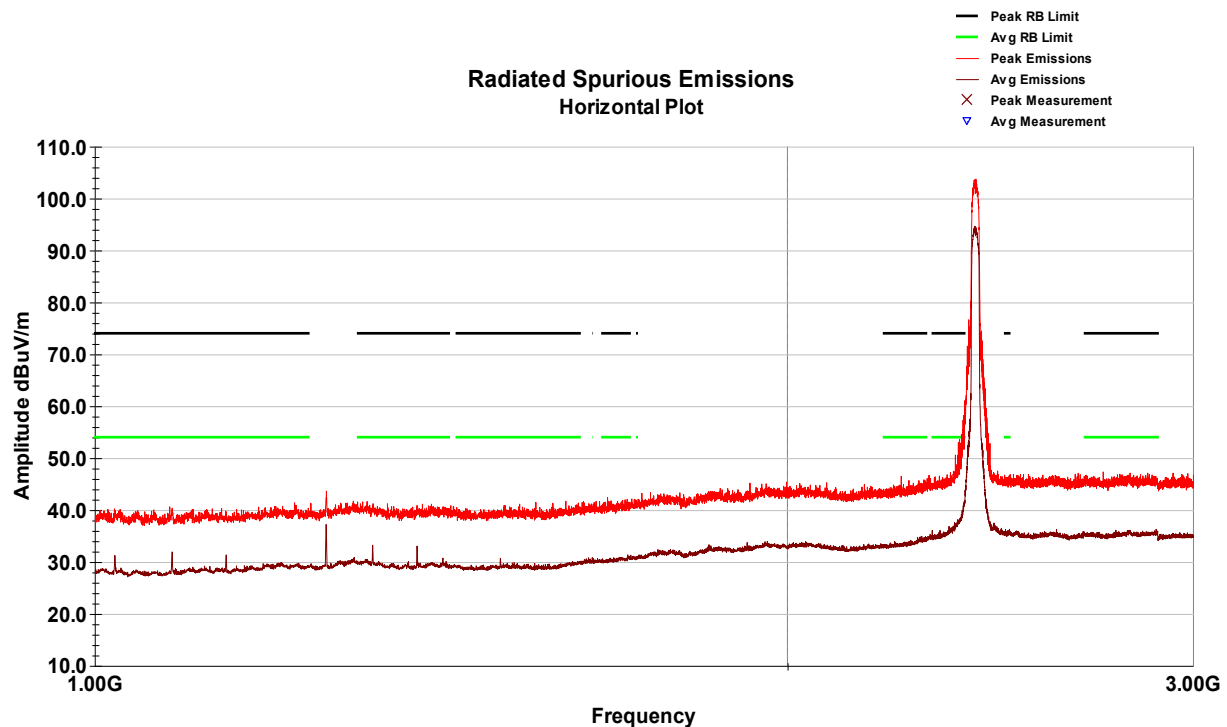
Horizontal Radiated Spurious Emissions Plot – 18-26GHz (802.11g MCH)



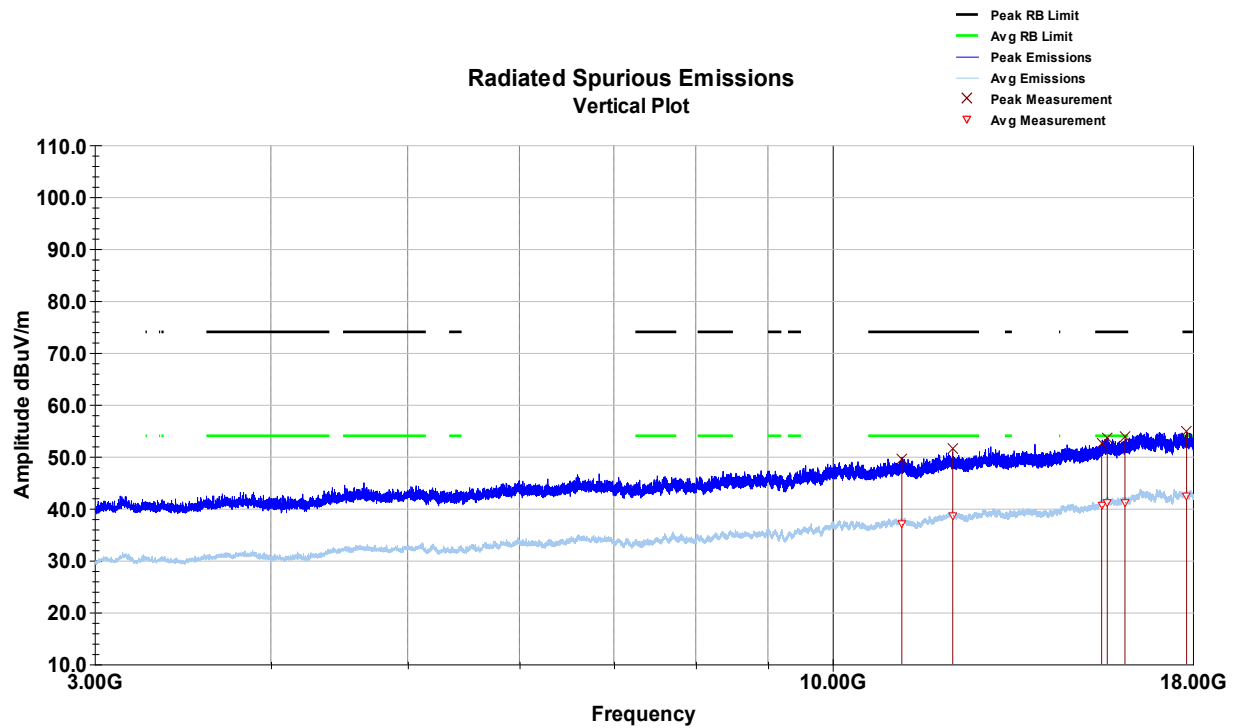
Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11n LCH)



Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11n LCH)



Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11n LCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11n LCH)

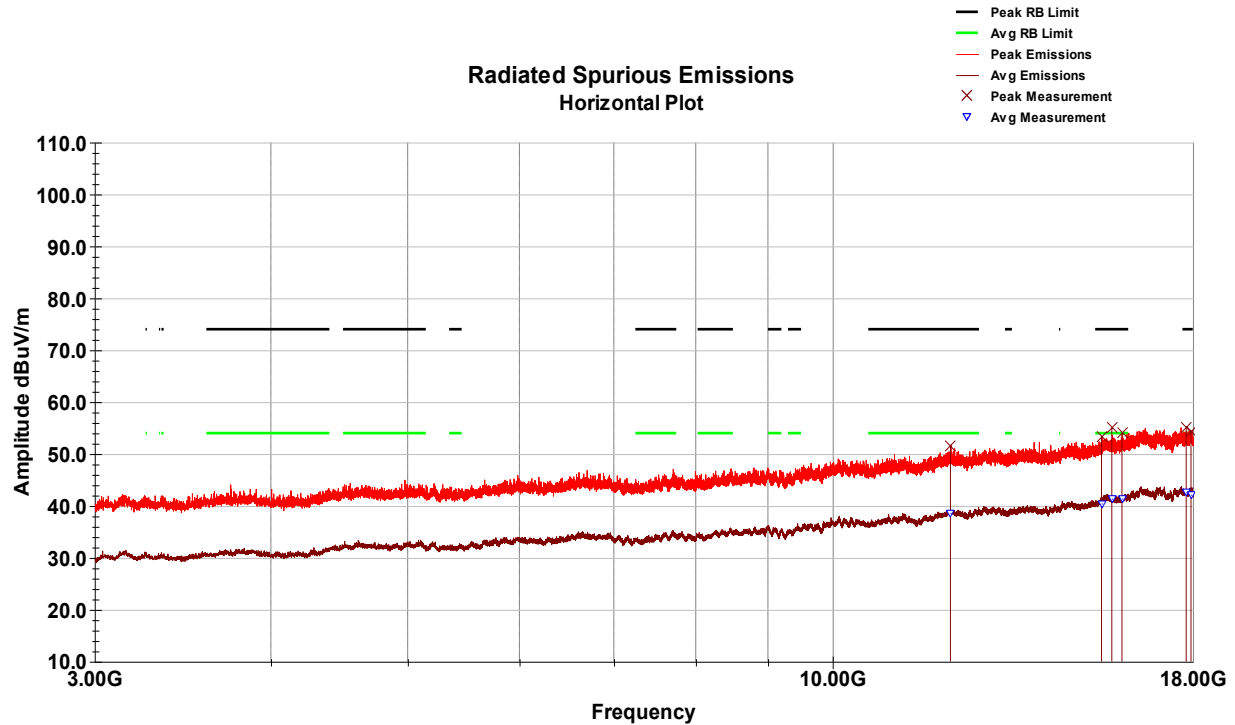
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
11197.25	V	31.0	244.0	43.6	38.0	3.3	0.0	35.3	49.6	74.0	-24.4
12167.66	V	257.0	185.0	44.5	39.1	3.8	0.0	35.9	51.4	74.0	-22.6
15512.57	V	344.0	316.0	44.1	40.3	4.4	0.0	36.3	52.4	74.0	-21.6
15655.86	V	305.0	355.0	44.8	40.5	4.5	0.0	36.2	53.6	74.0	-20.4
16114.66	V	299.0	100.0	44.4	40.9	4.6	0.0	36.0	53.9	74.0	-20.1
17817.75	V	150.0	336.0	45.2	41.3	4.9	0.0	36.6	54.8	74.0	-19.2
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
11197.25	V	31.0	244.0	31.0	38.0	3.3	0.0	35.3	37.0	54.0	-16.9
12167.66	V	257.0	185.0	31.7	39.1	3.8	0.0	35.9	38.7	54.0	-15.3
15512.57	V	344.0	316.0	32.1	40.3	4.4	0.0	36.3	40.5	54.0	-13.5
15655.86	V	305.0	355.0	32.4	40.5	4.5	0.0	36.2	41.2	54.0	-12.8
16114.66	V	299.0	100.0	31.7	40.9	4.6	0.0	36.0	41.2	54.0	-12.8
17817.75	V	150.0	336.0	33.0	41.3	4.9	0.0	36.6	42.5	54.0	-11.5
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11n LCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11n LCH)

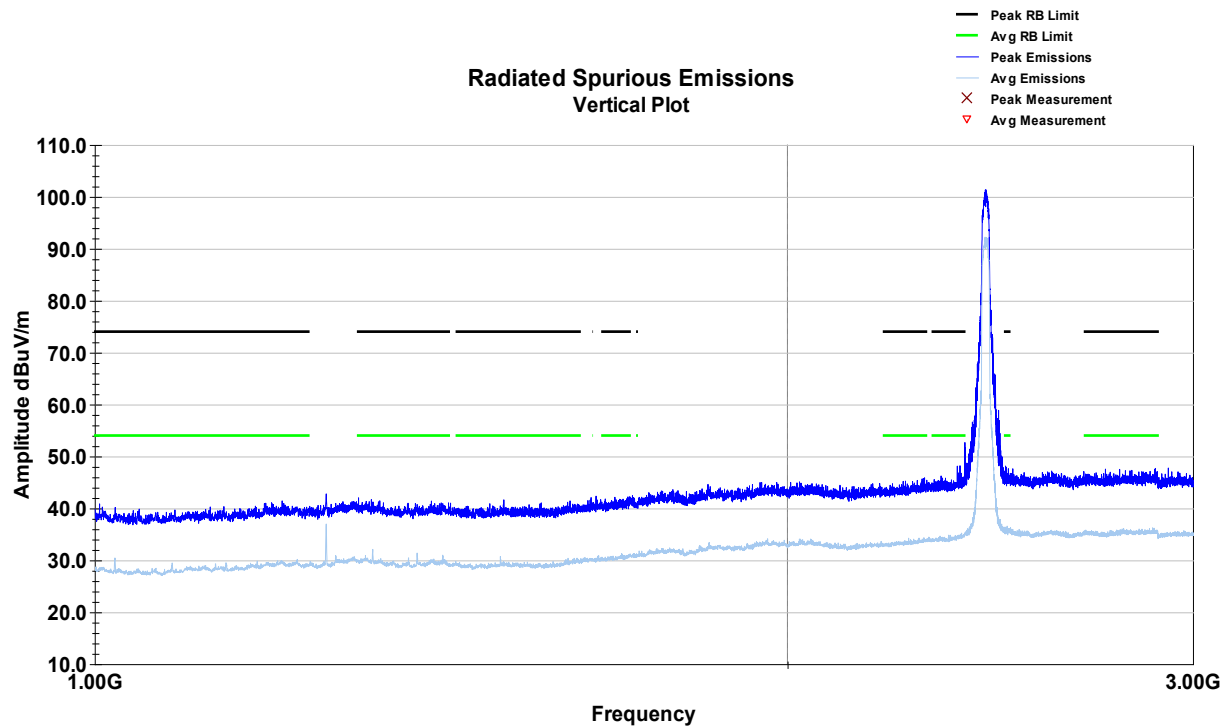
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
12121.31	H	0.0	164.0	44.8	39.0	3.7	0.0	35.9	51.6	74.0	-22.4
15511.45	H	0.0	225.0	45.1	40.3	4.4	0.0	36.3	53.4	74.0	-20.6
15771.41	H	0.0	105.0	46.0	40.6	4.4	0.0	36.1	55.0	74.0	-19.0
16035.73	H	0.0	400.0	44.6	40.9	4.5	0.0	35.9	54.0	74.0	-20.0
17808.59	H	0.0	154.0	45.6	41.3	4.9	0.0	36.6	55.1	74.0	-18.9
17947.84	H	0.0	296.0	44.9	41.3	4.8	0.0	36.7	54.3	74.0	-19.7
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

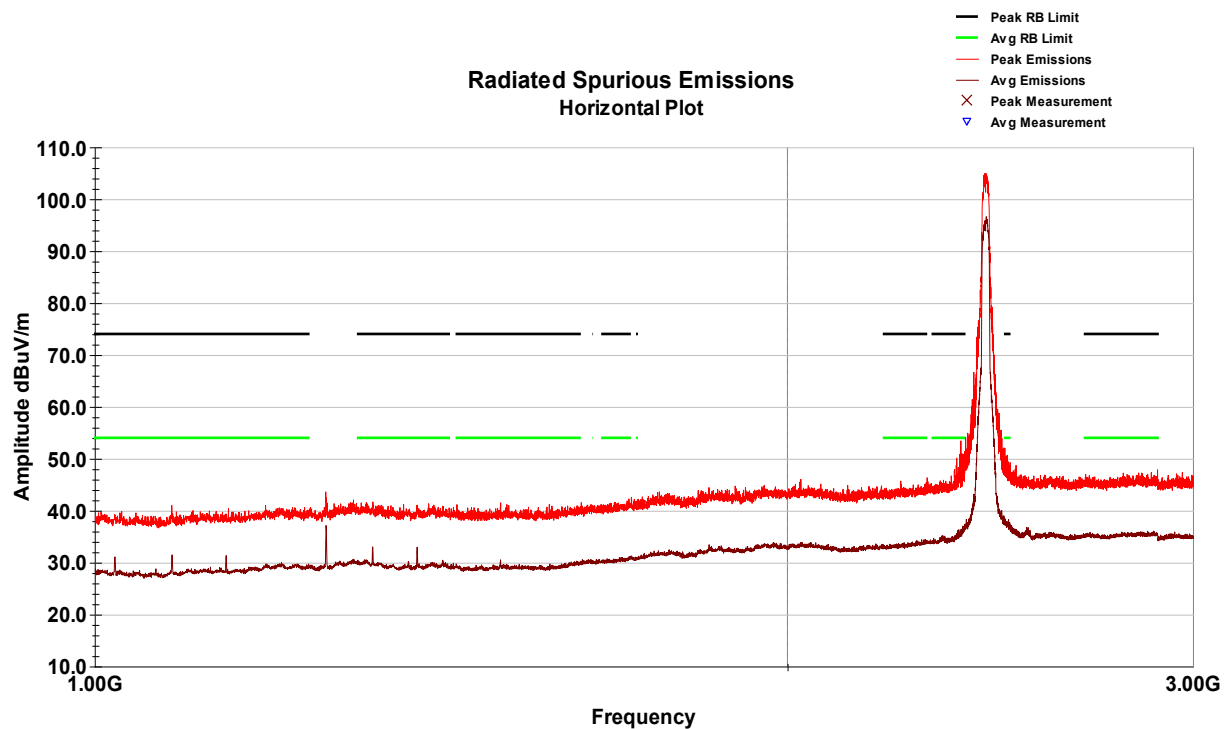
Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
12121.31	H	0.0	164.0	31.8	39.0	3.7	0.0	35.9	38.6	54.0	-15.3
15511.45	H	0.0	225.0	32.1	40.3	4.4	0.0	36.3	40.5	54.0	-13.5
15771.41	H	0.0	105.0	32.4	40.6	4.4	0.0	36.1	41.4	54.0	-12.6
16035.73	H	0.0	400.0	32.0	40.9	4.5	0.0	35.9	41.4	54.0	-12.6
17808.59	H	0.0	154.0	33.1	41.3	4.9	0.0	36.6	42.6	54.0	-11.4
17947.84	H	0.0	296.0	32.7	41.3	4.8	0.0	36.7	42.2	54.0	-11.8
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

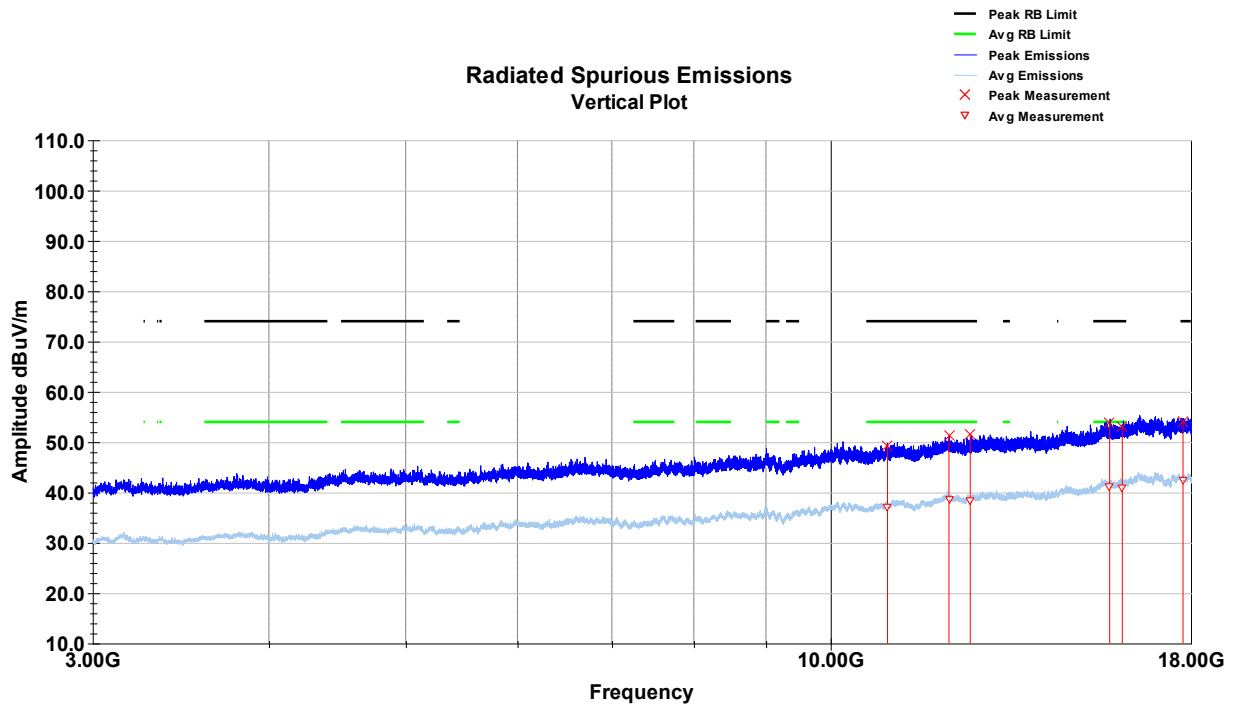
Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11n MCH)



Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11n MCH)



Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11n MCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11n MCH)

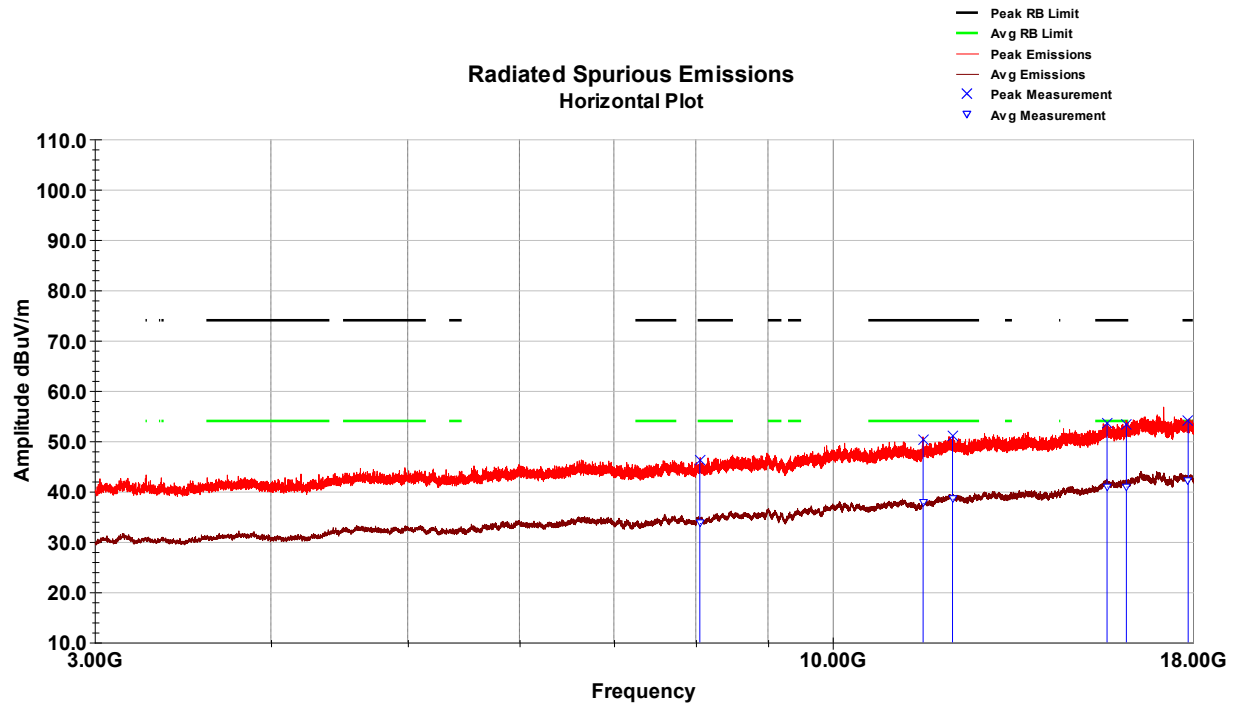
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
10974.30	V	173.0	295.0	43.1	38.0	3.7	0.0	35.4	49.3	74.0	-24.7
12131.82	V	227.0	355.0	44.3	39.0	3.7	0.0	35.9	51.2	74.0	-22.8
12560.05	V	92.0	154.0	44.4	39.2	3.7	0.0	35.8	51.5	74.0	-22.5
15768.36	V	111.0	247.0	44.8	40.6	4.4	0.0	36.1	53.8	74.0	-20.2
16095.60	V	45.0	326.0	43.6	40.9	4.6	0.0	35.9	53.1	74.0	-20.9
17770.40	V	260.0	182.0	44.8	41.3	4.8	0.0	36.7	54.1	74.0	-19.9
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
10974.30	V	173.0	295.0	30.8	38.0	3.7	0.0	35.4	37.1	54.0	-16.9
12131.82	V	227.0	355.0	31.6	39.0	3.7	0.0	35.9	38.5	54.0	-15.5
12560.05	V	92.0	154.0	31.1	39.2	3.7	0.0	35.8	38.2	54.0	-15.8
15768.36	V	111.0	247.0	32.2	40.6	4.4	0.0	36.1	41.2	54.0	-12.8
16095.60	V	45.0	326.0	31.4	40.9	4.6	0.0	35.9	41.0	54.0	-13.0
17770.40	V	260.0	182.0	33.1	41.3	4.8	0.0	36.7	42.4	54.0	-11.6
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11n MCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11n MCH)

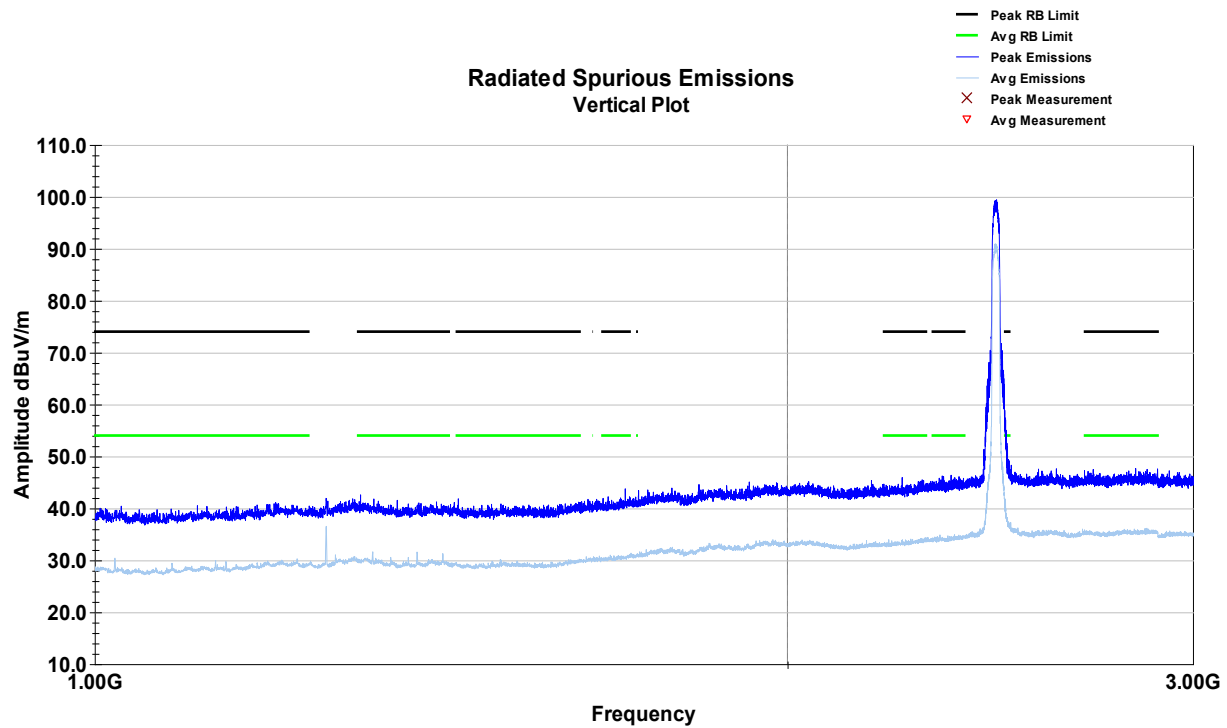
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
8052.69	H	93.0	400.0	42.2	35.8	2.8	0.0	34.5	46.3	74.0	-27.7
11592.59	H	0.0	100.0	43.7	38.5	3.6	0.0	35.5	50.2	74.0	-23.8
12161.50	H	0.0	115.0	44.0	39.0	3.8	0.0	35.8	51.0	74.0	-23.0
15649.32	H	0.0	187.0	44.8	40.5	4.5	0.0	36.2	53.6	74.0	-20.4
16150.42	H	0.0	346.0	44.1	40.9	4.4	0.0	36.0	53.4	74.0	-20.6
17864.35	H	0.0	133.0	44.8	41.3	4.7	0.0	36.7	54.2	74.0	-19.8
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

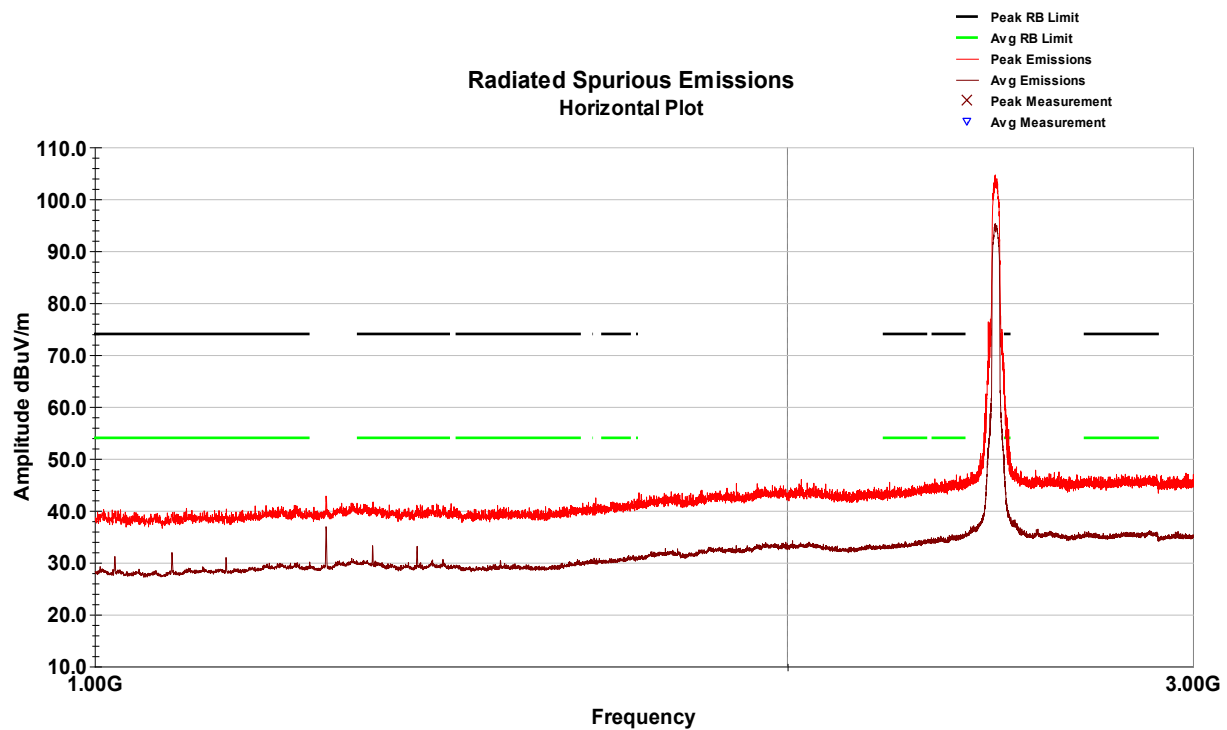
Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
8052.69	H	93.0	400.0	29.6	35.8	2.8	0.0	34.5	33.7	54.0	-20.2
11592.59	H	0.0	100.0	31.2	38.5	3.6	0.0	35.5	37.7	54.0	-16.3
12161.50	H	0.0	115.0	31.6	39.0	3.8	0.0	35.8	38.6	54.0	-15.4
15649.32	H	0.0	187.0	32.3	40.5	4.5	0.0	36.2	41.0	54.0	-13.0
16150.42	H	0.0	346.0	31.7	40.9	4.4	0.0	36.0	41.0	54.0	-13.0
17864.35	H	0.0	133.0	32.8	41.3	4.7	0.0	36.7	42.1	54.0	-11.8
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

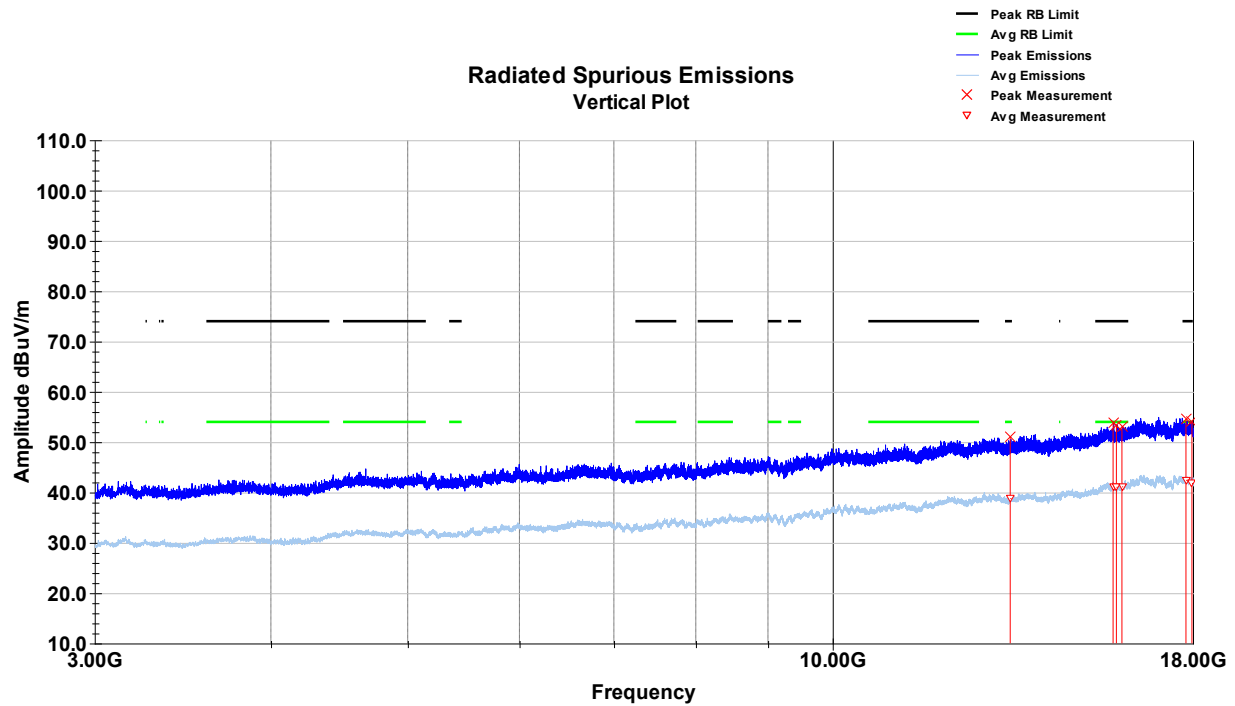
Vertical Radiated Spurious Emissions Plot – 1-3GHz (802.11n HCH)



Horizontal Radiated Spurious Emissions Plot – 1-3GHz (802.11n HCH)



Vertical Radiated Spurious Emissions Plot – 3-18GHz (802.11n HCH)



Vertical Radiated Spurious Emissions Data – 3-18GHz (802.11n HCH)

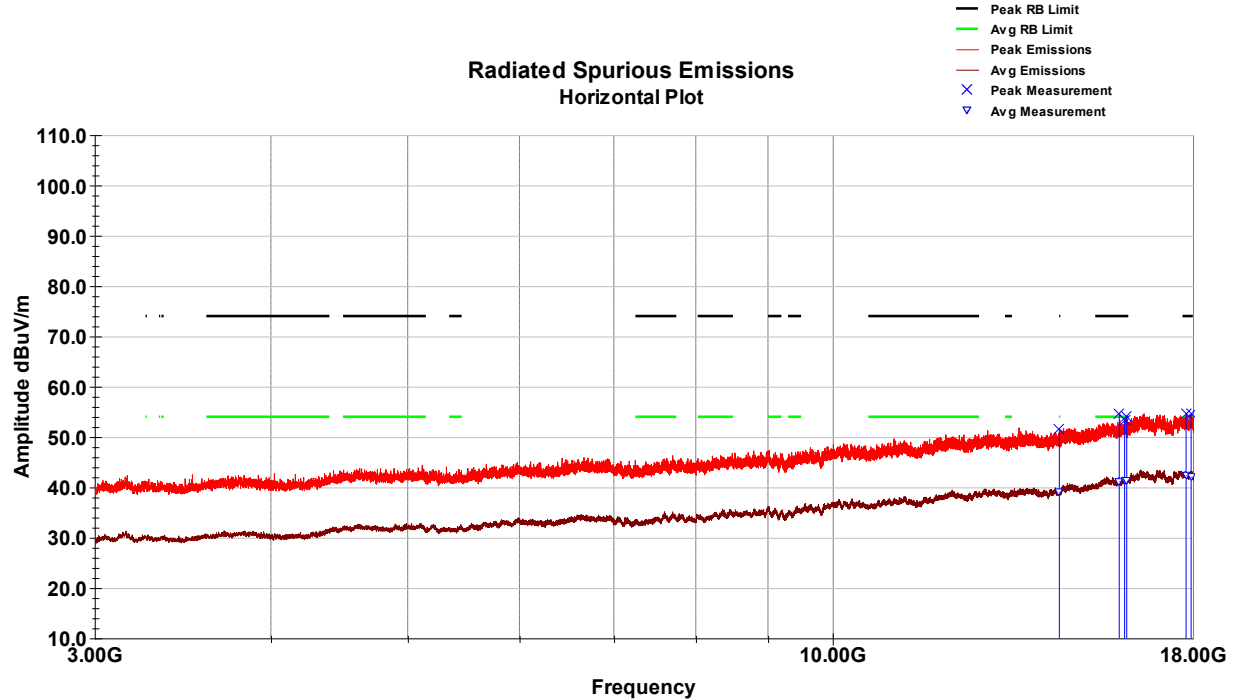
Peak

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
13361.71	V	3.0	374.0	43.3	39.8	4.0	0.0	36.0	51.1	74.0	-22.9
15804.90	V	202.0	365.0	44.6	40.7	4.4	0.0	36.0	53.7	74.0	-20.3
15889.66	V	173.0	224.0	44.1	40.8	4.4	0.0	35.9	53.3	74.0	-20.7
16034.58	V	99.0	298.0	43.7	40.9	4.5	0.0	35.9	53.1	74.0	-20.9
17800.26	V	179.0	222.0	45.0	41.3	4.8	0.0	36.6	54.5	74.0	-19.5
17973.19	V	210.0	387.0	44.9	41.3	4.8	0.0	36.9	54.1	74.0	-19.9
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
13361.71	V	3.0	374.0	31.1	39.8	4.0	0.0	36.0	38.9	54.0	-15.1
15804.90	V	202.0	365.0	32.2	40.7	4.4	0.0	36.0	41.2	54.0	-12.7
15889.66	V	173.0	224.0	31.9	40.8	4.4	0.0	35.9	41.1	54.0	-12.9
16034.58	V	99.0	298.0	31.8	40.9	4.5	0.0	35.9	41.2	54.0	-12.7
17800.26	V	179.0	222.0	33.0	41.3	4.8	0.0	36.6	42.5	54.0	-11.5
17973.19	V	210.0	387.0	32.6	41.3	4.8	0.0	36.9	41.9	54.0	-12.1
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

Horizontal Radiated Spurious Emissions Plot – 3-18GHz (802.11n HCH)



Horizontal Radiated Spurious Emissions Data – 3-18GHz (802.11n HCH)

Peak

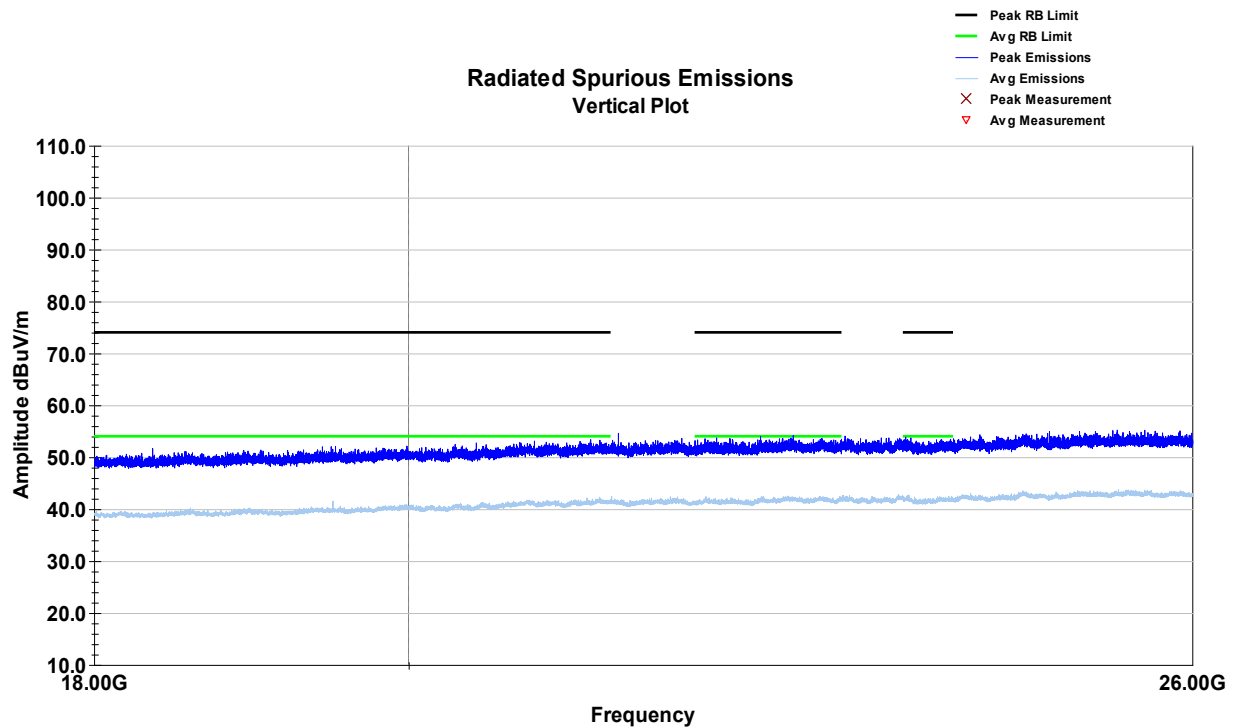
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Pk dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Pk dBuV/m	Limit dBuV/m	Margin dB
14477.83	H	50.0	385.0	44.2	39.5	4.3	0.0	36.4	51.6	74.0	-22.4
15963.92	H	0.0	400.0	45.2	40.8	4.5	0.0	35.9	54.6	74.0	-19.4
16105.26	H	0.0	400.0	43.8	40.9	4.6	0.0	35.9	53.3	74.0	-20.7
16159.50	H	0.0	214.0	44.8	40.9	4.4	0.0	36.0	54.2	74.0	-19.8
17803.29	H	0.0	298.0	45.1	41.3	4.8	0.0	36.6	54.7	74.0	-19.3
17950.33	H	0.0	202.0	45.1	41.3	4.8	0.0	36.7	54.5	74.0	-19.5
Final Pk = Raw Pk + AF + Loss + DCF - Amp											
Margin = Final Pk - Limit											

Average

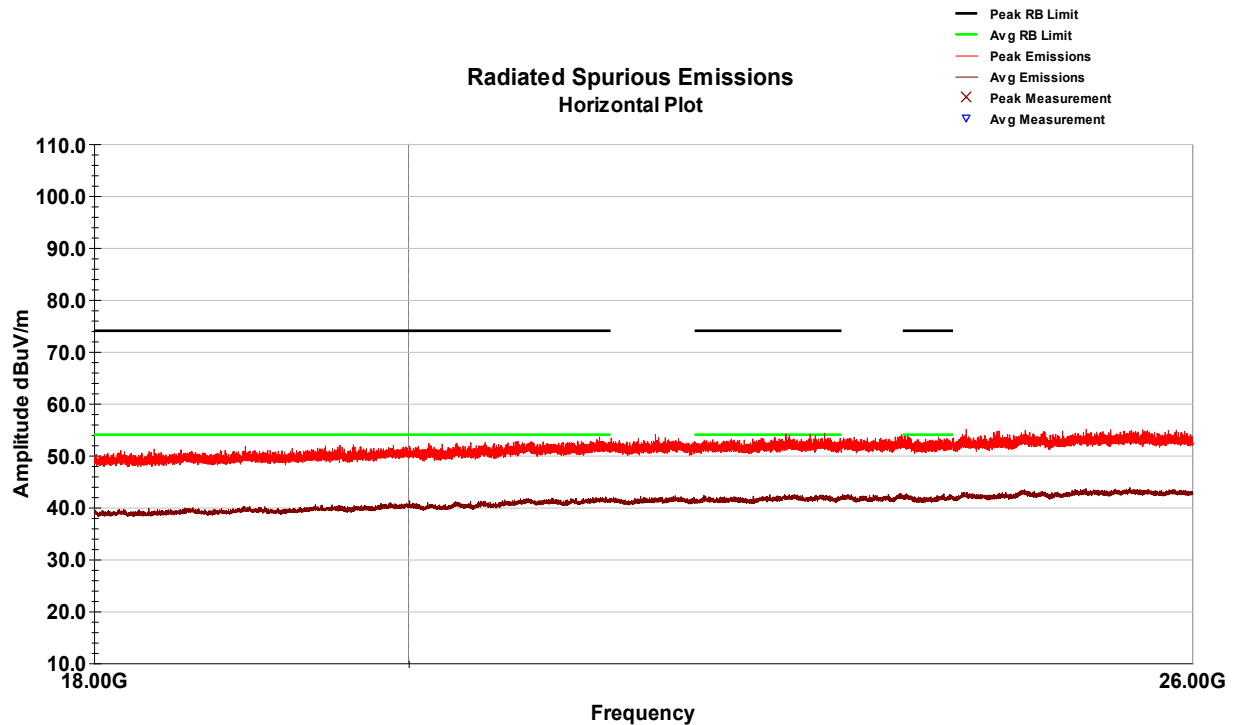
Frequency MHz	Polarity V/H	Azimuth degrees	Height cm	Raw Avg dBuV	AF dB/m	Loss dB	DCF dB	Amp dB	Final Avg dBuV/m	Limit dBuV/m	Margin dB
14477.83	H	50.0	385.0	31.7	39.5	4.3	0.0	36.4	39.0	54.0	-14.9
15963.92	H	0.0	400.0	31.8	40.8	4.5	0.0	35.9	41.2	54.0	-12.8
16105.26	H	0.0	400.0	31.8	40.9	4.6	0.0	35.9	41.3	54.0	-12.7
16159.50	H	0.0	214.0	32.0	40.9	4.4	0.0	36.0	41.3	54.0	-12.7
17803.29	H	0.0	298.0	32.9	41.3	4.8	0.0	36.6	42.4	54.0	-11.6
17950.33	H	0.0	202.0	32.7	41.3	4.8	0.0	36.7	42.1	54.0	-11.9
Final Avg = Raw Avg + AF + Loss + DCF - Amp											
Margin = Final Avg - Limit											

In the 18-26GHz range, there was little deviation with respect to axis, modulation or channel (worst case shown).

Vertical Radiated Spurious Emissions Plot – 18-26GHz (802.11n MCH)



Horizontal Radiated Spurious Emissions Plot – 18-26GHz (802.11n MCH)



8 Band Edge Emissions in Restricted Frequency Bands

8.1 Test Result

Test Description	Test Specification		Test Result
Band Edge Emissions in Restricted Frequency Bands	15.205, 15.209	RSS-GEN S8.9, S8.10	Compliant

8.2 Test Method

Measurements were made using the conducted methods defined in ANSI C63.10-2020 clause 11.12.2.

The test system reported the following duty-cycles used for correcting the average measurements:

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	32.950	33.138	99.43	0.02	0.00
		2437	32.950	33.150	99.40	0.03	0.04
		2462	32.950	33.150	99.40	0.03	0.04
802.11g	SISO	2412	5.487	5.531	99.20	0.03	0.27
		2437	5.481	5.701	96.14	0.17	0.14
		2462	5.481	5.702	96.12	0.17	0.14
802.11n (HT20)	SISO	2412	0.496	0.717	69.18	1.60	0.12
		2437	0.496	0.717	69.18	1.60	0.12
		2462	0.496	0.716	69.27	1.59	0.12
802.11n (HT40)	SISO	2422	0.258	0.478	53.97	2.68	0.07
		2437	0.258	0.478	53.97	2.68	0.13
		2452	0.258	0.478	53.97	2.68	0.13
802.11n (HT20)	MIMO	2412	0.359	0.579	62.00	2.08	0.13
		2437	0.358	0.579	61.83	2.09	0.13
		2462	0.359	0.579	62.00	2.08	0.13

8.3 Test Site

Environmental Conditions

Temperature: 20.3 °C

Relative Humidity: 33.6 %

Atmospheric Pressure: 98.2 kPa

8.4 Test Equipment

Test End Date: 11-Apr-2023

Tester: DA

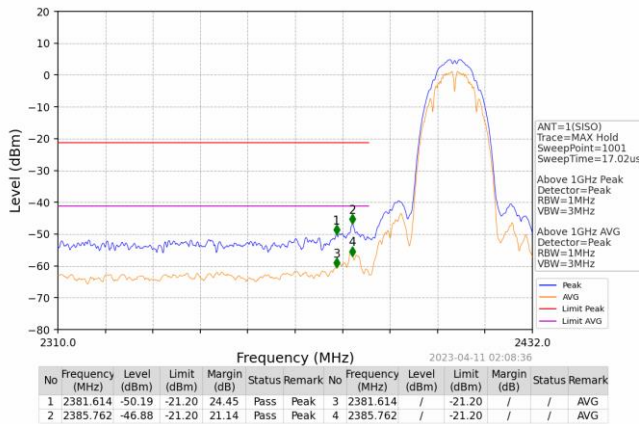
Equipment	Model	Manufacturer	Asset	Cal Date	Cal Due Date
SIGNAL ANALYZER (TS8997)	FSV30	ROHDE & SCHWARZ	B085749	7-Dec-2022	7-Dec-2023
RF CABLE SMA TO SMA, 0.01-40GHZ	084-0505-059	TELEDYNE STORM MICROWAVE	20108	13-Mar-2023	13-Mar-2024
RF CABLE SMA TO SMA, 0.01-40GHZ	084-0505-059	TELEDYNE STORM MICROWAVE	20109	13-Mar-2023	13-Mar-2024
TSTPASS SWITCHBOX	SB2	TSTPASS	23009	CNR	CNR

Software Profile:

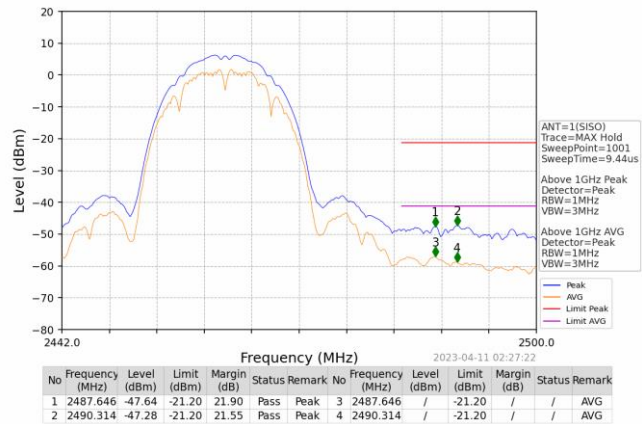
TSTPASS Version: 2.0

8.5 Test Data – Restricted Band Edges - SISO

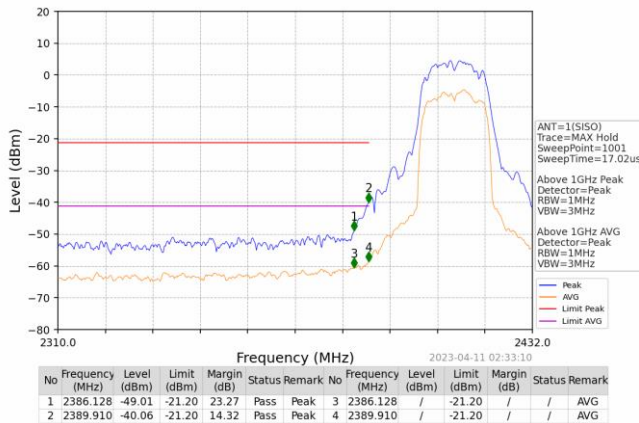
Low Channel(2412MHz) – 802.11b



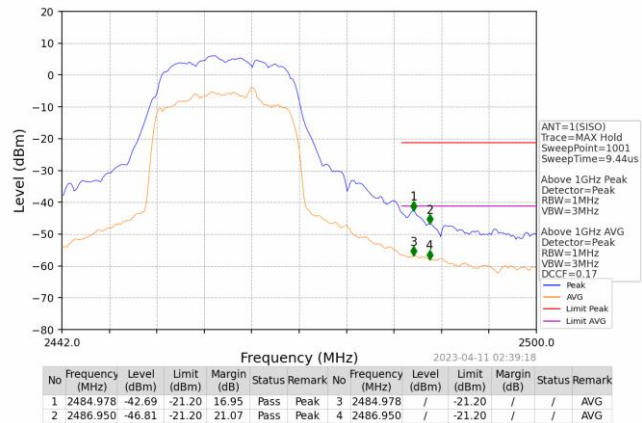
High Channel(2462MHz) – 802.11b



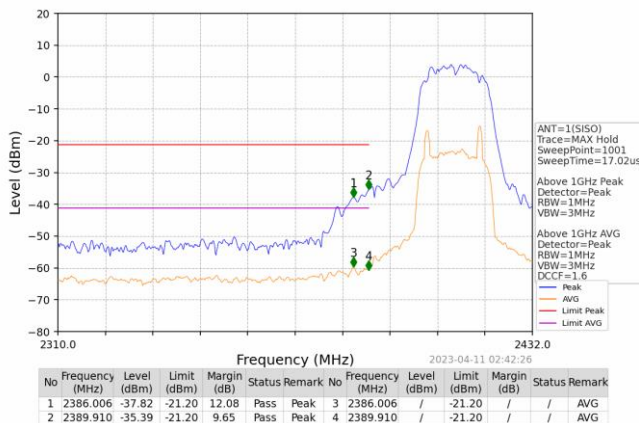
Low Channel(2412MHz) – 802.11g



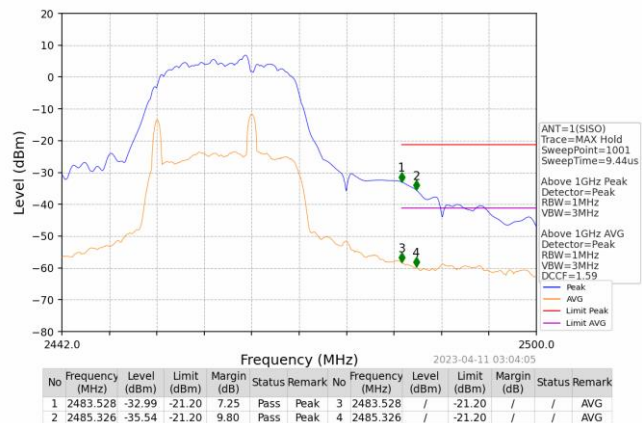
High Channel(2462MHz) – 802.11g



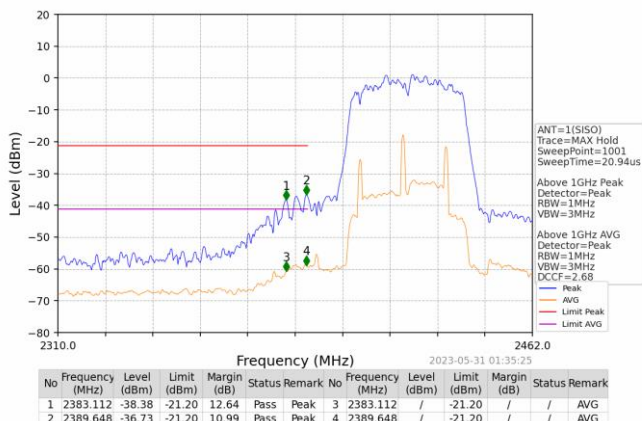
Low Channel(2412MHz) – 802.11n(HT20)



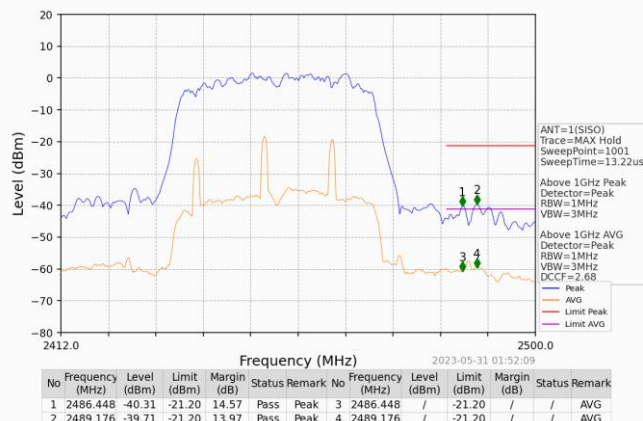
High Channel(2462MHz) – 802.11n(HT20)



Low Channel(2422MHz) – 802.11n(HT40)

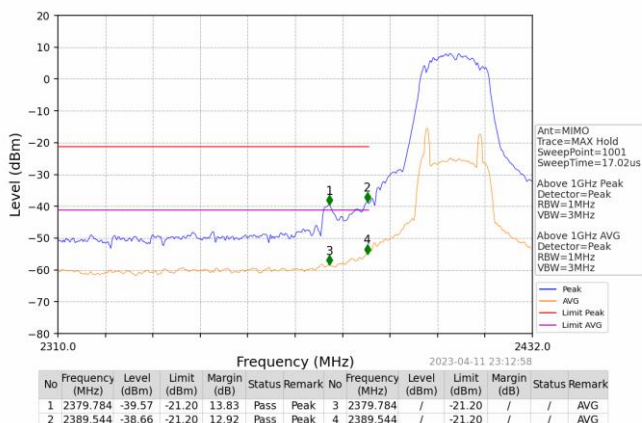


High Channel(2452MHz) – 802.11n(HT40)

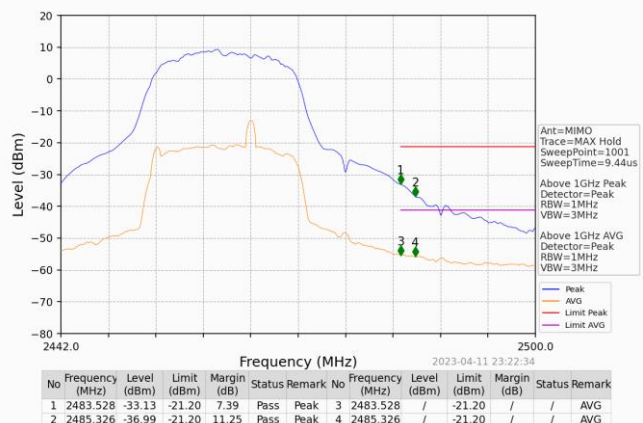


8.6 Test Data – Restricted Band Edges - MIMO

Low Channel(2412MHz) – 802.11n(HT20)



High Channel(2462MHz) – 802.11n(HT20)



9 AC Powerline Conducted Emissions

9.1 Test Result

Test Description	Test Specification		Test Result
AC Powerline Conducted Emissions	15.207	RSS-GEN S8.8	Compliant

9.2 Test Method

With the receiver's resolution bandwidth was set to 9 kHz, exploratory scans were performed over the measuring frequency range (0.15 MHz to 30 MHz) using a max hold mode incorporating a Peak detector and Average detector and using the TILE! software. The final test data was measured using a Quasi-Peak detector and Average detector and compared against the limits indicated in the table below.

Frequency Range	Limits (dBuV)
0.15 to 0.5 MHz	Avg 56 to 46 QP 66 to 56
0.5 to 5 MHz	Avg 46 Pk 56
5 to 30 MHz	Avg 50 Pk 60

9.3 Test Site

SGS EMC Laboratory, Suwanee, GA

Environmental Conditions:

Temperature: 22.7 °C
 Relative Humidity: 38.8 %
 Atmospheric Pressure 97.8 kPa

9.4 Test Equipment

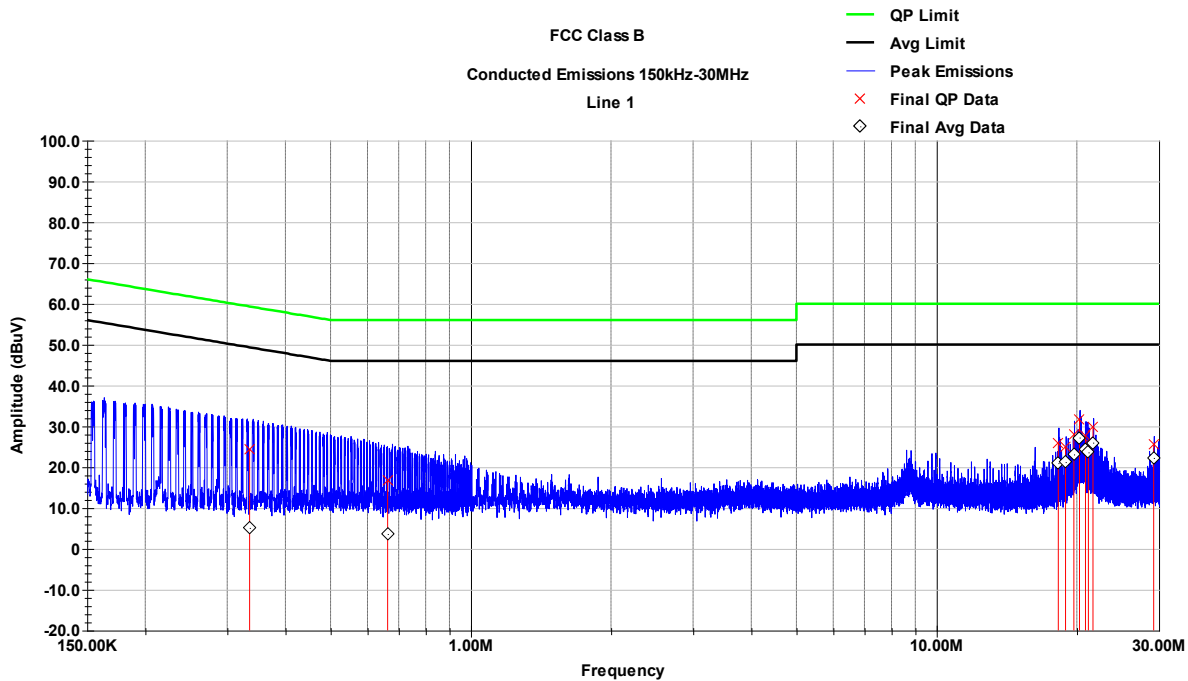
Test End Date: 13-Apr-2023

Tester: EW

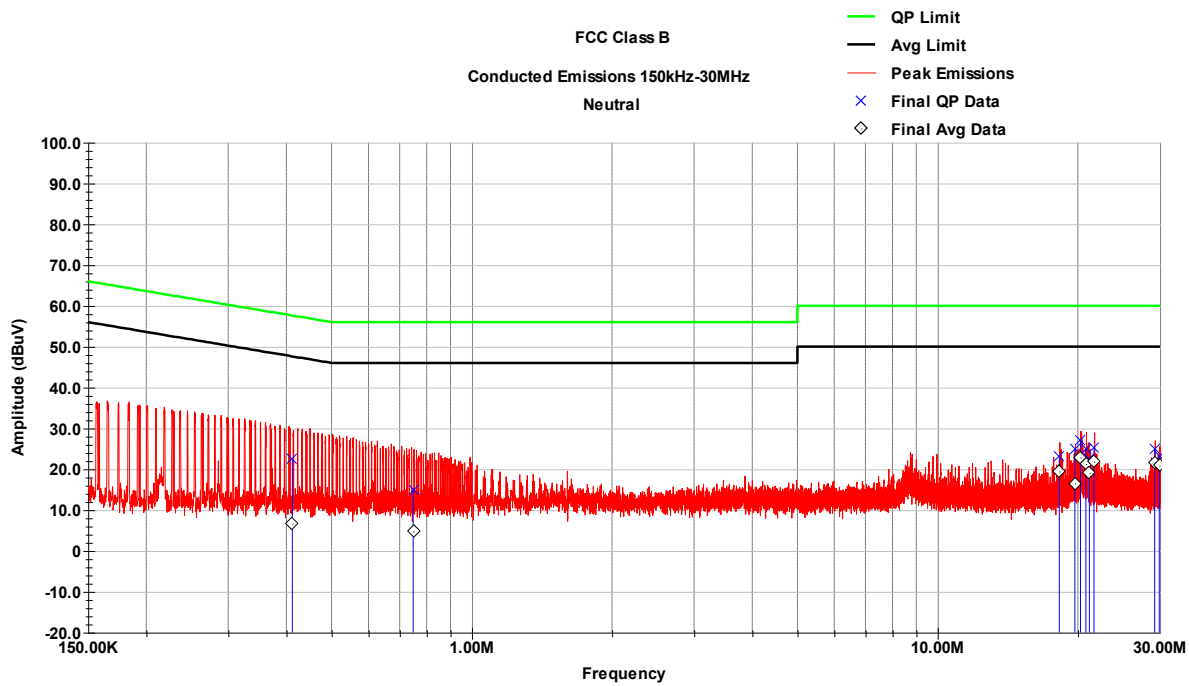
Equipment	Model	Manufacturer	Asset	Cal Date	Cal Due Date
LINE IMPEDANCE STABILIZATION NETWORK	NNB 51	TESEQ	B085882	15-Apr-2022	15-Apr-2023
RF CABLE	UC-N-MM-78	MAURY MICROWAVE	17017	25-Aug-2022	25-Aug-2023
EMI TEST RECEIVER	ESW44	ROHDE & SCHWARZ	22032	24-Nov-2022	24-Nov-2023

Software: Conducted Emissions 230206.til

9.5 Test Data



Frequency MHz	QP Value dBuV	QP Limit dBuV	QP Margin dB	Avg Value dBuV	Avg Limit dBuV	Avg Margin dB
0.335	24.3	59.3	-35.0	5.1	49.3	-44.2
0.663	16.7	56.0	-39.3	3.6	46.0	-42.4
18.244	25.8	60.0	-34.2	21.0	50.0	-29.0
18.913	24.9	60.0	-35.1	21.2	50.0	-28.8
19.708	28.1	60.0	-31.9	23.1	50.0	-26.9
20.257	31.5	60.0	-28.5	27.2	50.0	-22.8
20.868	27.8	60.0	-32.2	24.3	50.0	-25.7
21.174	26.3	60.0	-33.7	23.6	50.0	-26.4
21.663	29.7	60.0	-30.3	26.0	50.0	-24.0
29.235	25.5	60.0	-34.5	22.3	50.0	-27.7



Frequency MHz	QP Value dBuV	QP Limit dBuV	QP Margin dB	Avg Value dBuV	Avg Limit dBuV	Avg Margin dB
0.412	22.5	57.6	-35.1	6.7	47.6	-40.9
0.749	15.1	56.0	-40.9	4.7	46.0	-41.3
18.244	23.1	60.0	-36.9	19.4	50.0	-30.6
19.709	24.9	60.0	-35.1	16.5	50.0	-33.5
20.261	27.2	60.0	-32.8	22.9	50.0	-27.1
20.811	25.1	60.0	-34.9	21.3	50.0	-28.7
21.174	22.6	60.0	-37.4	19.1	50.0	-30.9
21.662	25.3	60.0	-34.7	21.8	50.0	-28.2
29.235	24.9	60.0	-35.1	21.7	50.0	-28.3
29.907	23.1	60.0	-36.9	20.8	50.0	-29.2

10 Measurement Uncertainty

The measurement uncertainty figures are be calculated in accordance with TR 100 028-1 [2] and correspond to an expansion factor (coverage factor) $k = 2$ (which provide confidence levels of 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Measurement uncertainty is not used to adjust the measurements to determine compliance.

Parameter	Expanded Uncertainty for Normal k factor equal to 2	
	Required	Laboratory Actual
Radio Frequency	$\pm 1 \times 10^{-5}$	$\pm 9.8 \times 10^{-8}$
total RF power, conducted	± 1.5 dB	± 1.2 dB
RF power density, conducted	± 3 dB	± 0.7 dB
spurious emissions, conducted	± 3 dB	± 2.1 dB
all emissions, radiated	± 6 dB	± 4.8 dB
temperature	$\pm 1^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$
humidity	± 5 %	$\pm 3.5\%$
DC and low frequency voltages	± 3 %	$\pm 0.4\%$

11 Revision History

Revision Level	Description of changes	Revision Date
0	Initial release	30 March 2026
1	- Added reference to ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 on title page - Updated RSS-247 section references for Issue 4 in section 1 - Added EUT firmware version (FVIN) in section 2.3 - Added note about data modes supporting MIMO in section 2.4 - Added test setup diagram for 9kHz-30MHz RSE in section 2.9 - Replaced Bandwidth data with newer results in sections 3.3 - 3.6 - Replaced KDB reference with ANSI reference in section 4.6 - Added duty cycle and output power plots in section 4.7	05 May 2026