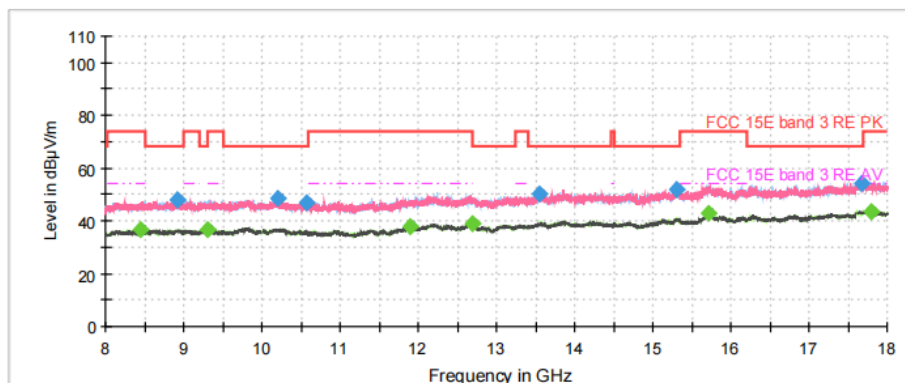


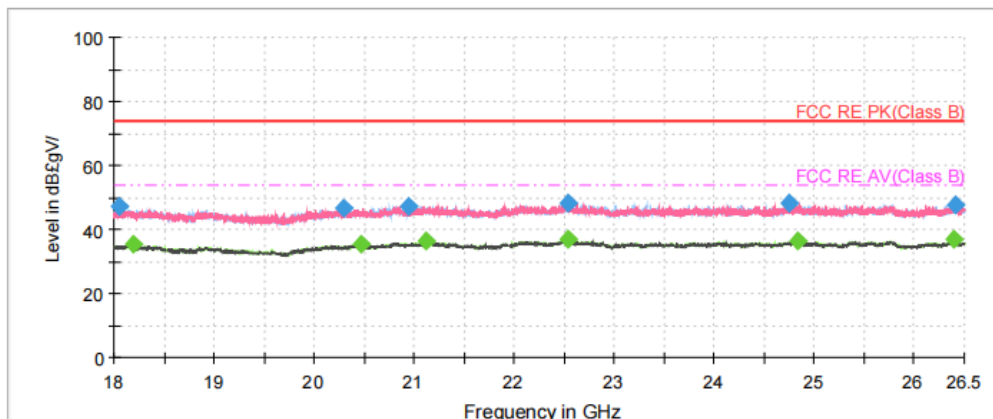


Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
8452.500000	---	36.55	54.00	17.45	500.0	200.0	H	90.0	2.9
8917.500000	47.70	---	68.20	20.50	500.0	100.0	V	4.0	3.3
9303.750000	---	36.75	54.00	17.25	500.0	200.0	V	0.0	3.0
10211.250000	48.29	---	68.20	19.91	500.0	100.0	H	65.0	2.7
10580.000000	47.06	---	68.20	21.14	500.0	200.0	V	87.0	2.3
11906.250000	---	37.78	54.00	16.22	500.0	200.0	H	24.0	3.7
12696.250000	---	39.15	54.00	14.85	500.0	100.0	H	90.0	5.1
13547.500000	50.46	---	68.20	17.74	500.0	200.0	H	24.0	5.6
15301.250000	51.94	---	68.20	16.26	500.0	100.0	V	67.0	5.4
15717.500000	---	42.83	54.00	11.17	500.0	100.0	V	0.0	5.9
17671.250000	54.30	---	68.20	13.90	500.0	200.0	H	55.0	9.8
17797.500000	---	43.56	54.00	10.44	500.0	100.0	V	0.0	10.0

Radiates Emission from 8GHz to 18GHz

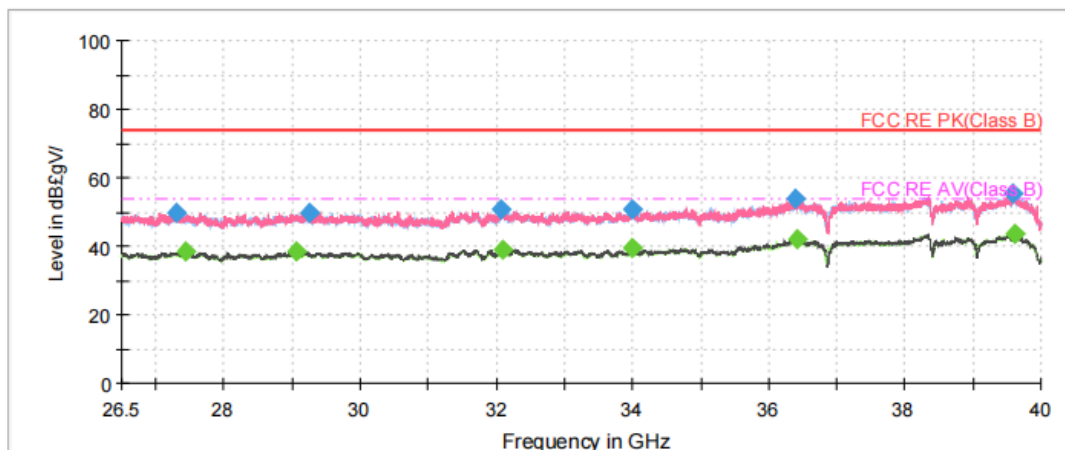
During the test, the Radiates Emission from 18GHz to 40GHz was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18060.562500	47.34	---	74.00	26.66	500.0	100.0	H	164.0	-5.7
18184.875000	---	35.15	54.00	18.85	500.0	100.0	V	103.0	-5.8
20303.500000	46.59	---	74.00	27.41	500.0	200.0	H	243.0	-5.6
20470.312500	---	35.38	54.00	18.62	500.0	200.0	V	86.0	-4.8
20941.000000	47.32	---	74.00	26.68	500.0	200.0	H	217.0	-4.7
21115.250000	---	36.19	54.00	17.81	500.0	200.0	H	146.0	-4.1
22537.937500	48.38	---	74.00	25.62	500.0	200.0	V	0.0	-3.4
22545.375000	---	36.69	54.00	17.31	500.0	200.0	V	0.0	-3.4
24747.937500	48.26	---	74.00	25.74	500.0	200.0	H	325.0	-2.7
24836.125000	---	36.35	54.00	17.65	500.0	200.0	H	103.0	-2.8
26386.312500	---	36.82	54.00	17.18	500.0	200.0	H	243.0	-2.2
26409.687500	47.87	---	74.00	26.13	500.0	200.0	H	103.0	-2.1

Radiates Emission from 18GHz to 26.5GHz



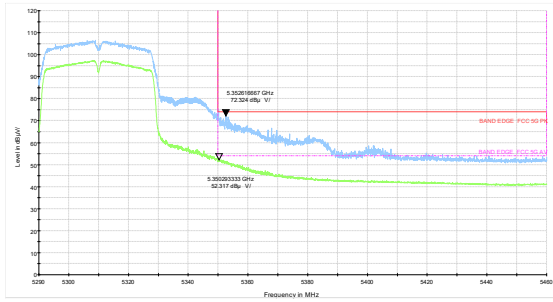
Final Result

Frequency (MHz)	MaxPeak (dBµgV/m)	Average (dBµgV/m)	Limit (dBµgV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
27294.812500	49.73	---	74.00	24.27	500.0	100.0	H	134.0	-0.5
27439.937500	---	38.39	54.00	15.61	500.0	200.0	H	186.0	-0.3
29065.000000	---	38.37	54.00	15.63	500.0	200.0	V	190.0	0.1
29242.187500	49.95	---	74.00	24.05	500.0	100.0	H	19.0	0.0
32077.187500	50.62	---	74.00	23.38	500.0	200.0	H	61.0	-0.9
32094.062500	---	39.16	54.00	14.84	500.0	200.0	V	0.0	-0.9
33989.125000	50.78	---	74.00	23.22	500.0	200.0	H	259.0	-0.3
33992.500000	---	39.37	54.00	14.63	500.0	200.0	V	0.0	-0.3
36402.250000	53.63	---	74.00	20.37	500.0	200.0	H	240.0	4.1
36427.562500	---	41.87	54.00	12.13	500.0	100.0	H	143.0	4.2
39600.062500	55.19	---	74.00	18.81	500.0	100.0	V	347.0	4.4
39611.875000	---	43.65	54.00	10.35	500.0	100.0	V	149.0	4.3

Radiates Emission from 26.5GHz to 40GHz

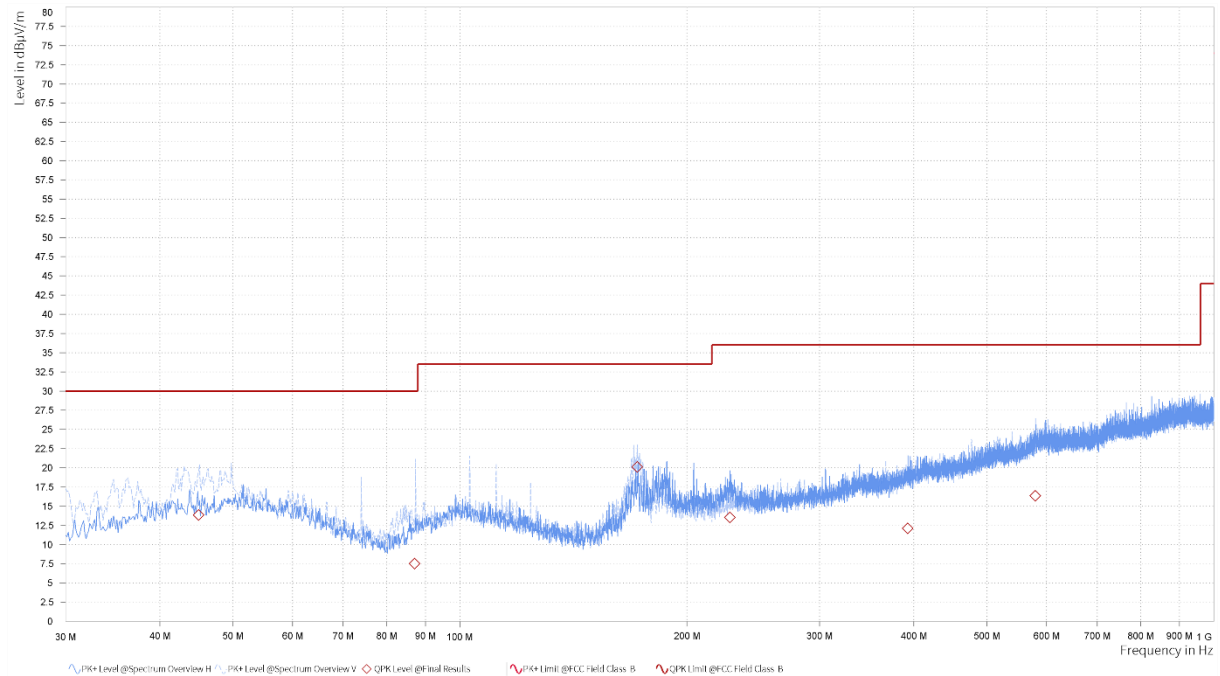
Configurations 2

802.11n HT40-Channel 62: Peak + Average



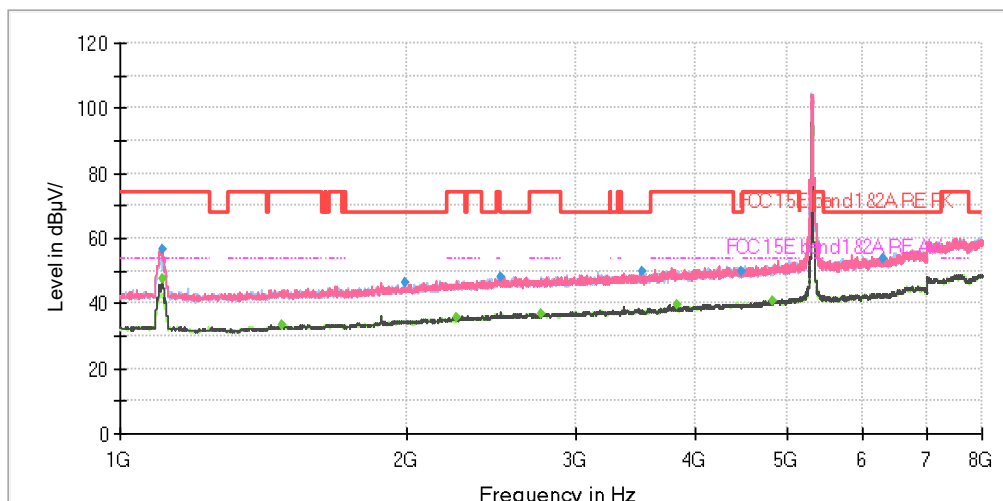
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBµV/m]	QPK Limit [dBµV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]	Meas. Time [s]
45.022	13.85	30.00	16.15	-8.57	V	218.3	1.00	120.000	1.000
87.099	7.51	30.00	22.49	-12.38	V	216.6	2.00	120.000	1.000
171.895	20.11	33.50	13.39	-12.04	V	117.6	1.00	120.000	1.000
227.987	13.53	36.00	22.47	-9.19	H	250.4	2.00	120.000	1.000
392.591	12.09	36.00	23.91	-5.03	H	257.3	2.00	120.000	1.000
579.693	16.36	36.00	19.64	-1.52	V	194.5	1.00	120.000	1.000

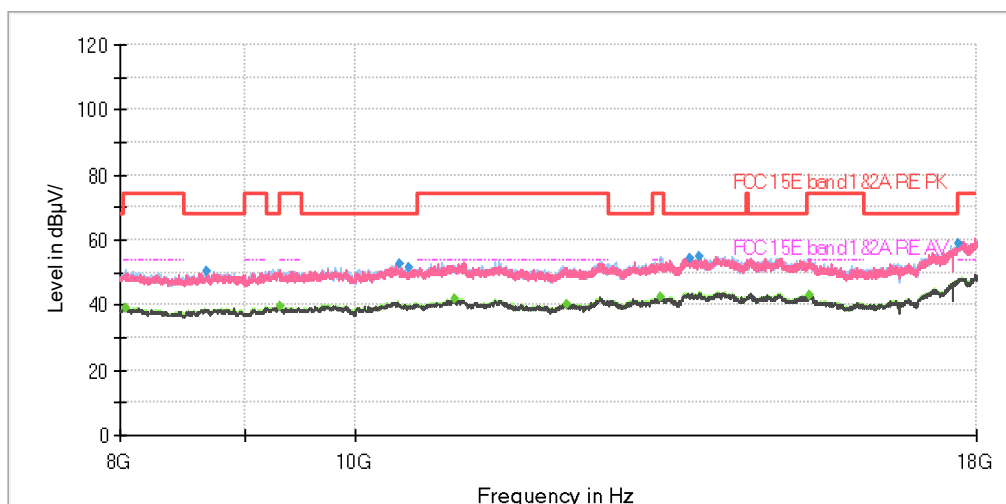
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1105.00	---	47.54	54.00	6.46	500.00	100.0	V	172.00	-3
1105.88	56.65	---	74.00	17.35	500.00	100.0	V	172.00	-3
1476.00	---	33.64	54.00	20.36	500.00	100.0	V	308.00	-3
1991.38	46.25	---	68.20	21.95	500.00	100.0	V	342.00	-1
2251.25	---	35.40	54.00	18.60	500.00	200.0	H	217.00	-1
2500.63	48.05	---	68.20	20.15	500.00	100.0	V	94.00	0
2762.25	---	36.96	54.00	17.04	500.00	200.0	H	255.00	1
3520.00	49.65	---	68.20	18.55	500.00	100.0	H	152.00	2
3833.25	---	39.52	54.00	14.48	500.00	100.0	H	184.00	2
4470.25	49.99	---	68.20	18.21	500.00	200.0	V	216.00	3
4833.38	---	40.85	54.00	13.15	500.00	200.0	H	61.00	4
6308.63	53.99	---	68.20	14.21	500.00	200.0	V	314.00	8

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



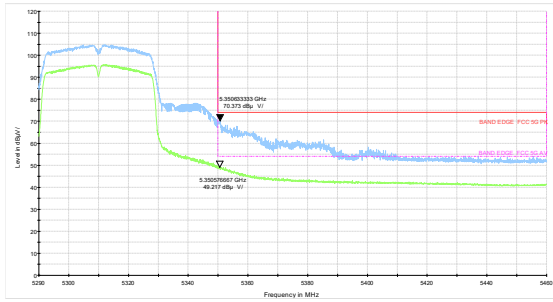
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8035.00	---	39.30	54.00	14.70	500.00	100.0	H	299.00	1
8677.50	50.26	---	68.20	17.94	500.00	200.0	V	49.00	2
9302.50	---	39.66	54.00	14.34	500.00	200.0	H	272.00	2
10415.00	52.85	---	68.20	15.35	500.00	200.0	H	249.00	3
10511.25	51.40	---	68.20	16.80	500.00	200.0	H	61.00	3
10972.50	---	42.00	54.00	12.00	500.00	200.0	H	0.00	4
12215.00	---	40.41	54.00	13.59	500.00	200.0	H	340.00	5
13352.50	---	42.54	54.00	11.46	500.00	100.0	H	325.00	7
13712.50	54.58	---	68.20	13.62	500.00	100.0	H	180.00	8
13847.50	55.08	---	68.20	13.12	500.00	100.0	H	85.00	9
15372.50	---	42.81	54.00	11.19	500.00	100.0	H	0.00	7
17683.75	58.79	---	68.20	9.41	500.00	100.0	H	2.00	11

Radiates Emission from 3GHz to 18GHz

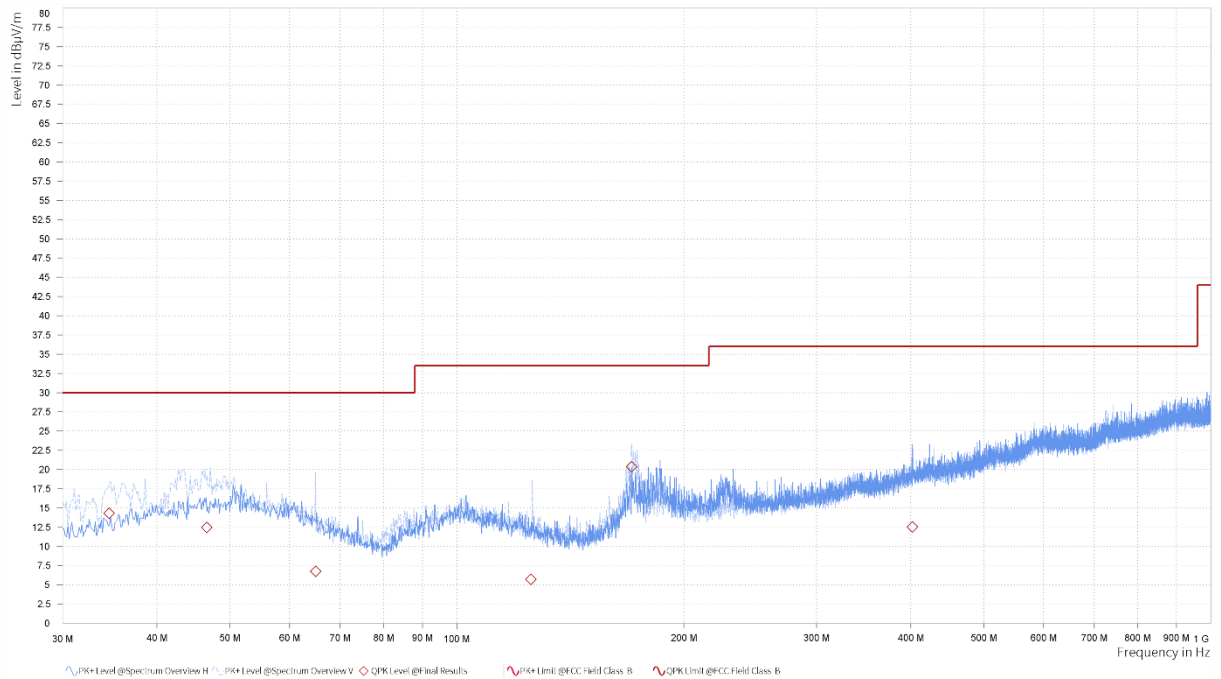
Configurations 3

802.11n HT40-Channel 62: Peak + Average



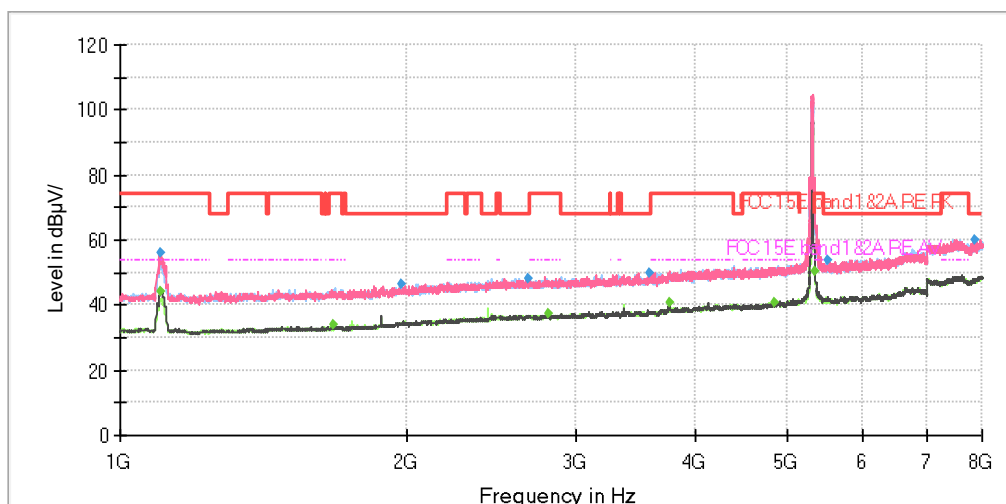
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
34.585	14.29	30.00	15.71	-10.84	V	311.1	1.00
46.579	12.45	30.00	17.55	-8.37	V	164.6	1.00
65.006	6.74	30.00	23.26	-10.86	V	109.1	1.00
125.319	5.69	33.50	27.81	-12.02	V	182.7	1.00
170.476	20.34	33.50	13.16	-12.10	V	140	1.00
401.873	12.51	36.00	23.49	-4.72	H	1.3	2.00

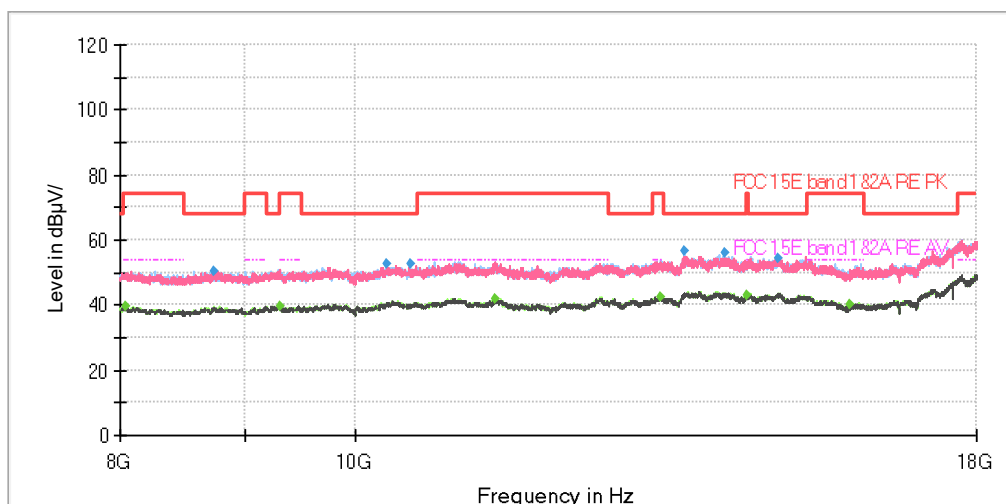
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1104.13	---	44.26	54.00	9.74	500.00	100.0	V	106.00	-3
1104.13	55.86	---	74.00	18.14	500.00	200.0	V	101.00	-3
1670.25	---	33.70	54.00	20.30	500.00	200.0	V	180.00	-3
1973.00	46.15	---	68.20	22.05	500.00	200.0	H	242.00	-2
2677.38	48.25	---	68.20	19.95	500.00	200.0	V	0.00	1
2805.13	---	37.12	54.00	16.88	500.00	200.0	V	160.00	1
3591.75	49.97	---	68.20	18.23	500.00	200.0	V	180.00	2
3759.75	---	40.47	54.00	13.53	500.00	200.0	V	180.00	2
4845.63	---	40.70	54.00	13.30	500.00	200.0	H	0.00	4
5353.13	---	50.14	54.00	3.86	500.00	200.0	V	120.00	5
5516.75	53.51	---	68.20	14.69	500.00	100.0	H	11.00	5
7866.13	59.85	---	68.20	8.35	500.00	200.0	V	275.00	11

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz



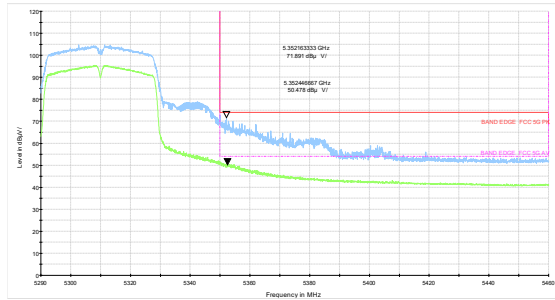
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8042.50	---	39.62	54.00	14.38	500.00	200.0	H	345.00	1
8746.25	50.61	---	68.20	17.59	500.00	100.0	H	106.00	1
9303.75	---	39.65	54.00	14.35	500.00	200.0	H	284.00	2
10302.50	52.74	---	68.20	15.46	500.00	200.0	H	163.00	3
10523.75	52.43	---	68.20	15.77	500.00	200.0	H	258.00	3
11406.25	---	42.16	54.00	11.84	500.00	100.0	H	58.00	4
13345.00	---	42.61	54.00	11.39	500.00	100.0	V	264.00	7
13645.00	56.64	---	68.20	11.56	500.00	100.0	H	2.00	9
14182.50	55.78	---	68.20	12.42	500.00	100.0	H	0.00	9
14475.00	---	42.78	54.00	11.22	500.00	100.0	V	359.00	9
14928.75	54.59	---	68.20	13.61	500.00	200.0	H	187.00	9
15976.25	---	40.01	54.00	13.99	500.00	200.0	V	87.00	5

Radiates Emission from 3GHz to 18GHz

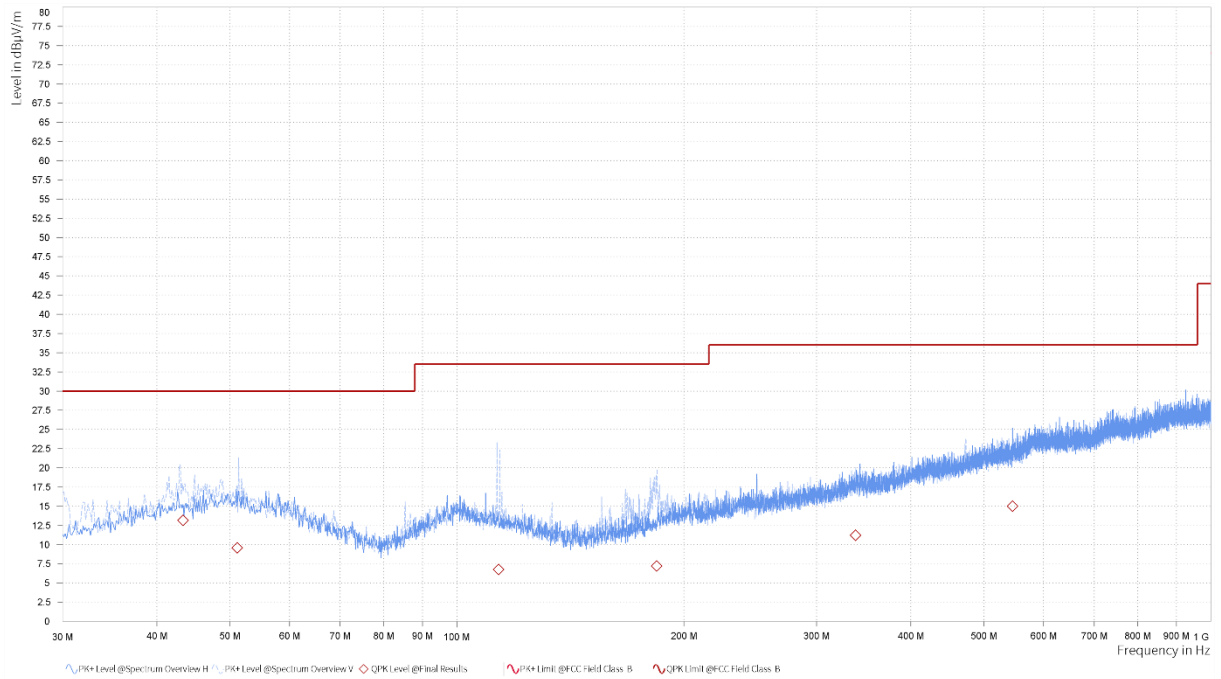
Configurations 4

802.11n HT40-Channel 62: Peak + Average



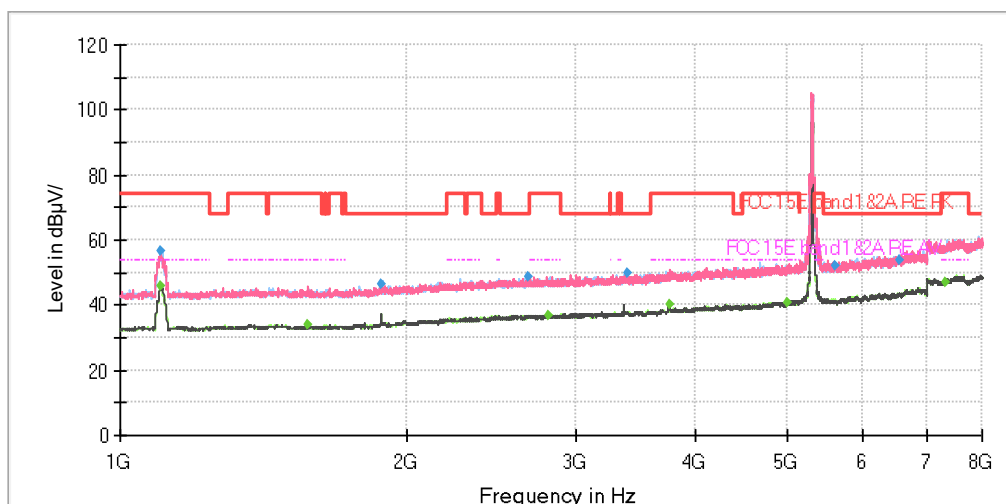
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
43.321	13.14	30.00	16.86	-8.79	V	309.3	1.00
51.116	9.58	30.00	20.42	-8.12	V	99.6	2.00
113.576	6.74	33.50	26.76	-10.91	V	97.9	1.00
184.054	7.21	33.50	26.29	-11.27	V	122.8	1.00
337.826	11.19	36.00	24.81	-5.99	V	66.7	1.00
545.858	15.00	36.00	21.00	-2.50	H	166.2	2.00

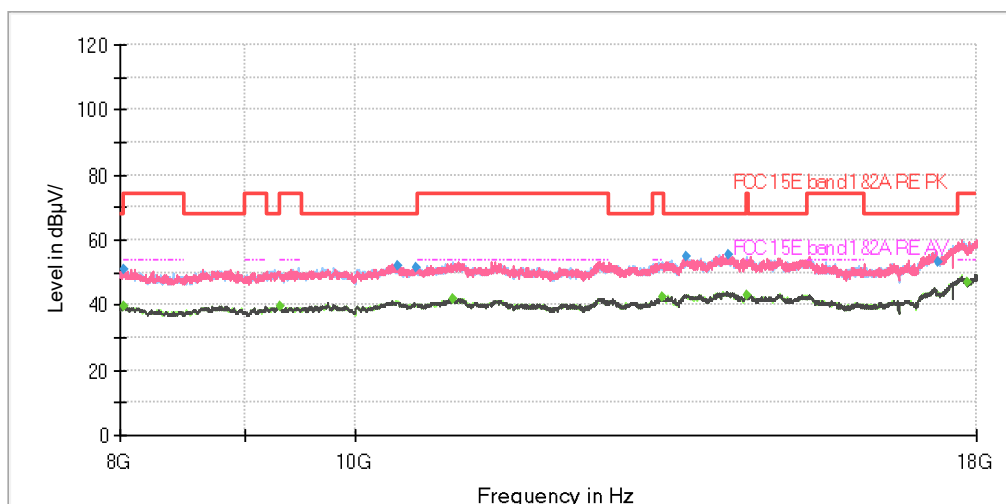
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1102.38	56.67	---	74.00	17.33	500.00	100.0	V	8.00	-3
1104.13	---	45.63	54.00	8.37	500.00	100.0	V	16.00	-3
1573.13	---	34.05	54.00	19.95	500.00	100.0	V	0.00	-3
1874.13	46.26	---	68.20	21.94	500.00	200.0	V	0.00	-2
2670.38	48.72	---	68.20	19.48	500.00	100.0	H	0.00	1
2805.13	---	36.96	54.00	17.04	500.00	100.0	H	227.00	1
3403.63	49.88	---	68.20	18.32	500.00	100.0	H	265.00	1
3759.75	---	40.13	54.00	13.87	500.00	200.0	V	105.00	2
5011.00	---	40.65	54.00	13.35	500.00	200.0	H	350.00	5
5602.50	52.23	---	68.20	15.97	500.00	100.0	H	45.00	6
6539.63	53.69	---	68.20	14.51	500.00	200.0	H	75.00	9
7309.63	---	47.10	54.00	6.90	500.00	200.0	H	212.00	10

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz



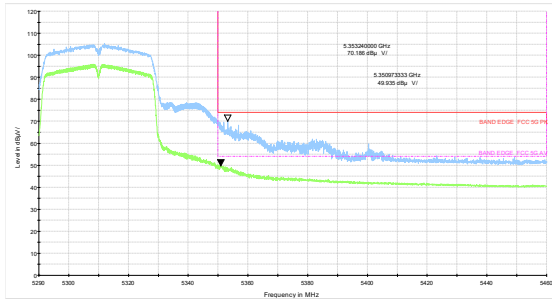
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8021.25	51.15	---	68.20	17.05	500.00	100.0	H	109.00	1
8033.75	---	39.63	54.00	14.37	500.00	200.0	H	0.00	1
9300.00	---	39.42	54.00	14.58	500.00	200.0	H	84.00	2
10412.50	52.00	---	68.20	16.20	500.00	100.0	V	153.00	3
10586.25	51.33	---	68.20	16.87	500.00	100.0	V	9.00	4
10968.75	---	42.06	54.00	11.94	500.00	200.0	V	254.00	4
13365.00	---	42.39	54.00	11.61	500.00	100.0	H	179.00	7
13671.25	54.70	---	68.20	13.50	500.00	100.0	V	22.00	9
14237.50	55.23	---	68.20	12.97	500.00	200.0	H	108.00	9
14472.50	---	42.92	54.00	11.08	500.00	100.0	V	89.00	9
17351.25	53.34	---	68.20	14.86	500.00	200.0	H	227.00	9
17847.50	---	47.07	54.00	6.93	500.00	100.0	H	0.00	12

Radiates Emission from 3GHz to 18GHz

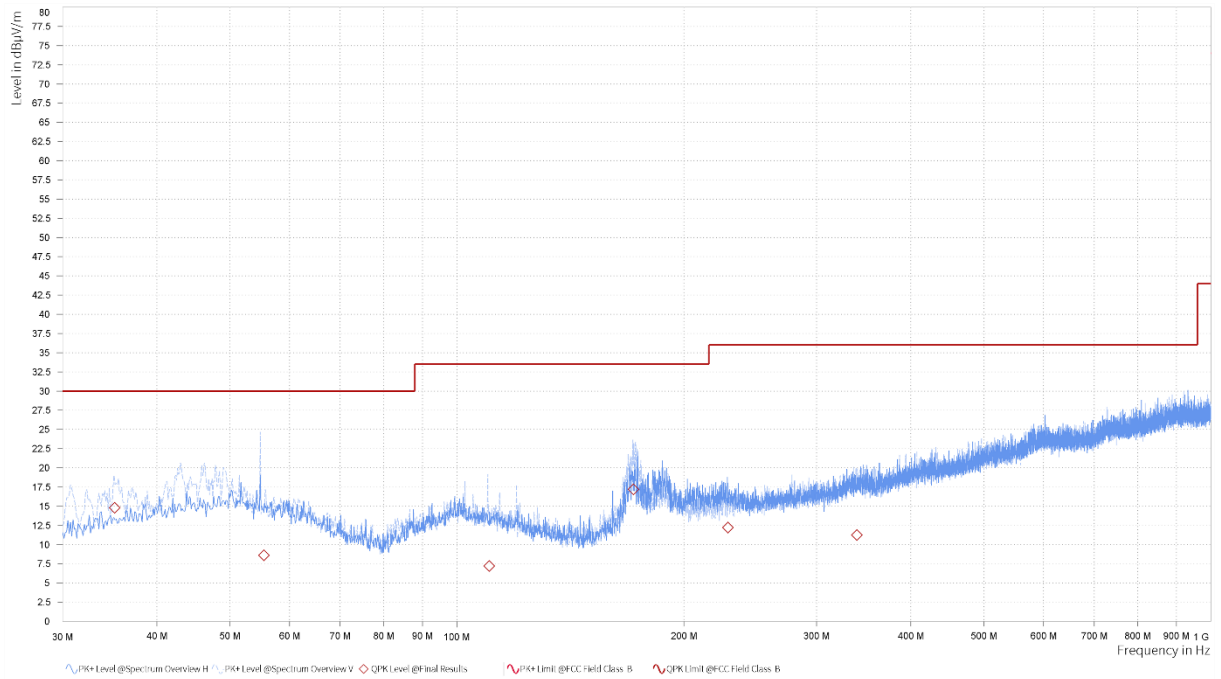
Configurations 5

802.11n HT40-Channel 62: Peak + Average



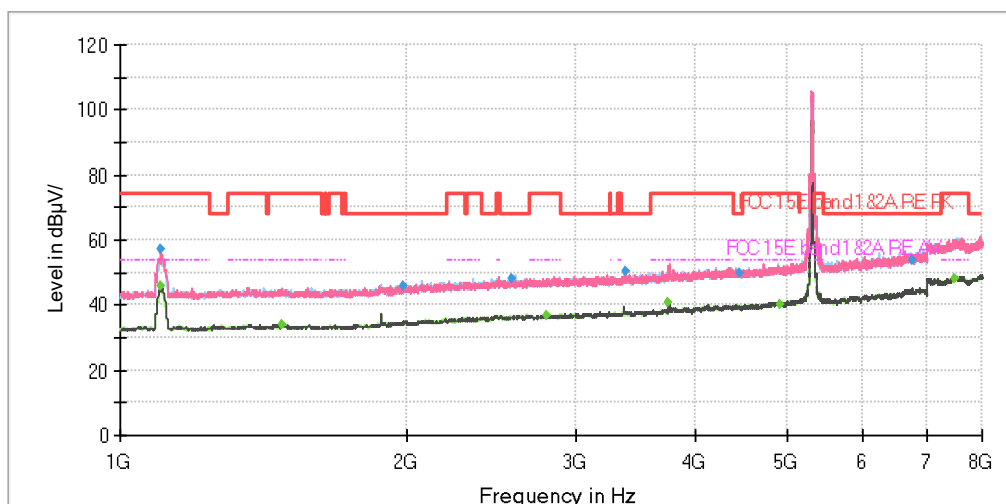
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
35.162	14.77	30.00	15.23	-10.66	V	306.8	1.25
55.456	8.60	30.00	21.40	-8.71	V	62.5	2.08
110.427	7.19	33.50	26.31	-10.63	V	127.9	1.25
171.400	17.18	33.50	16.32	-12.06	V	140.9	1.00
228.721	12.22	36.00	23.78	-9.16	H	253.6	1.89
339.301	11.24	36.00	24.76	-5.91	V	73.6	1.00

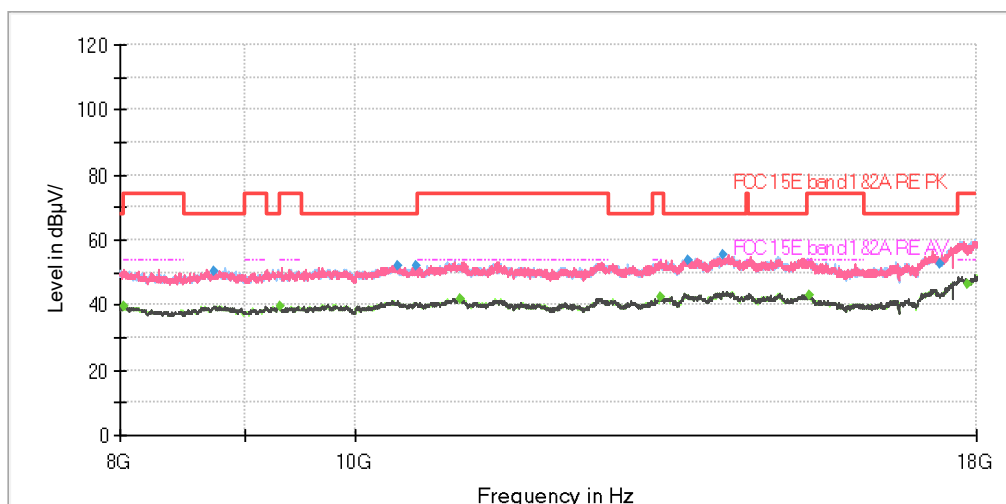
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1103.25	---	45.91	54.00	8.09	500.00	200.0	V	89.00	-3
1103.25	57.21	---	74.00	16.79	500.00	200.0	V	89.00	-3
1480.38	---	33.82	54.00	20.18	500.00	100.0	V	84.00	-3
1983.50	45.88	---	68.20	22.32	500.00	100.0	V	64.00	-1
2567.13	48.18	---	68.20	20.02	500.00	200.0	V	0.00	0
2801.63	---	36.92	54.00	17.08	500.00	200.0	H	359.00	1
3379.13	50.18	---	68.20	18.02	500.00	100.0	V	314.00	1
3756.25	---	40.70	54.00	13.30	500.00	200.0	V	12.00	2
4451.88	49.67	---	68.20	18.53	500.00	100.0	H	229.00	3
4911.25	---	40.40	54.00	13.60	500.00	100.0	V	3.00	4
6746.13	53.52	---	68.20	14.68	500.00	100.0	H	0.00	9
7471.50	---	47.88	54.00	6.12	500.00	100.0	H	210.00	10

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz



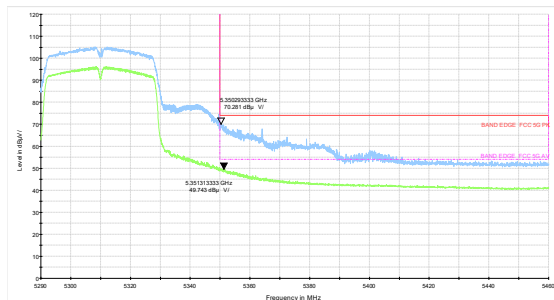
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8028.75	---	39.63	54.00	14.37	500.00	200.0	H	0.00	1
8743.75	50.58	---	68.20	17.62	500.00	200.0	V	250.00	1
9300.00	---	39.87	54.00	14.13	500.00	200.0	H	64.00	2
10411.25	52.22	---	68.20	15.98	500.00	200.0	V	59.00	3
10592.50	52.03	---	68.20	16.17	500.00	200.0	V	297.00	4
11032.50	---	42.08	54.00	11.92	500.00	200.0	H	40.00	4
13350.00	---	42.26	54.00	11.74	500.00	200.0	H	22.00	7
13691.25	54.03	---	68.20	14.17	500.00	100.0	H	336.00	8
14162.50	55.70	---	68.20	12.50	500.00	200.0	H	348.00	9
15360.00	---	43.08	54.00	10.92	500.00	100.0	V	30.00	7
17372.50	52.52	---	68.20	15.68	500.00	100.0	H	359.00	9
17851.25	---	46.64	54.00	7.36	500.00	200.0	H	64.00	12

Radiates Emission from 3GHz to 18GHz

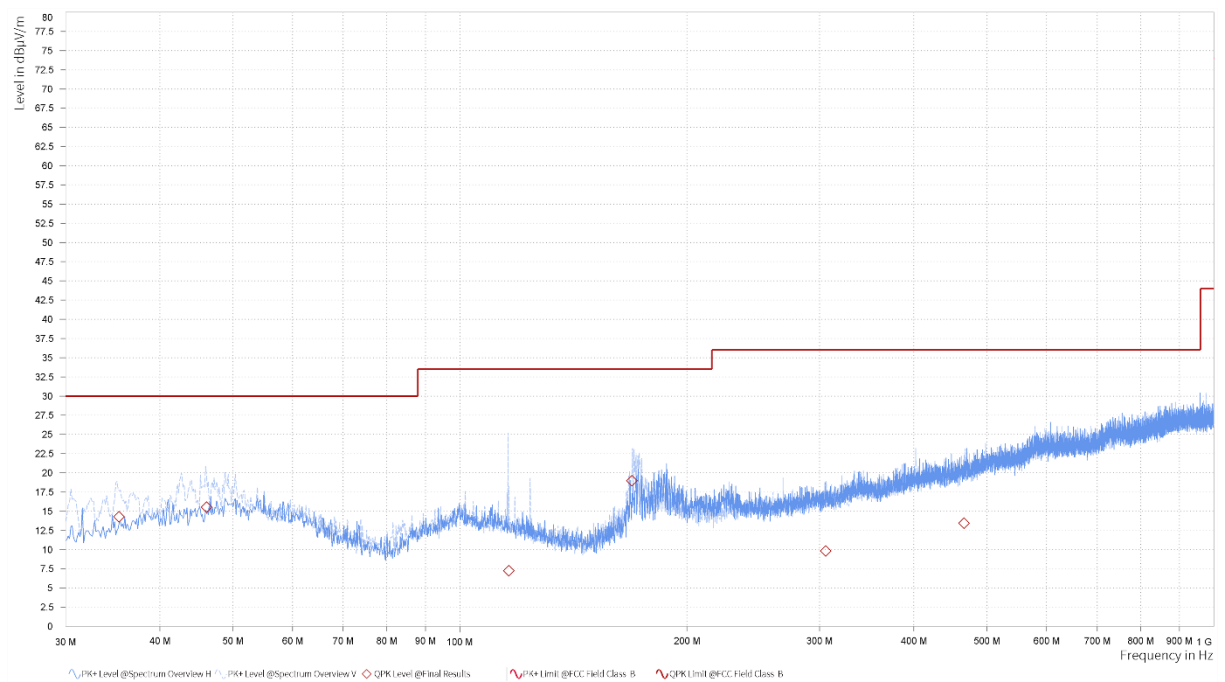
Configurations 6

802.11n HT40-Channel 62: Peak + Average

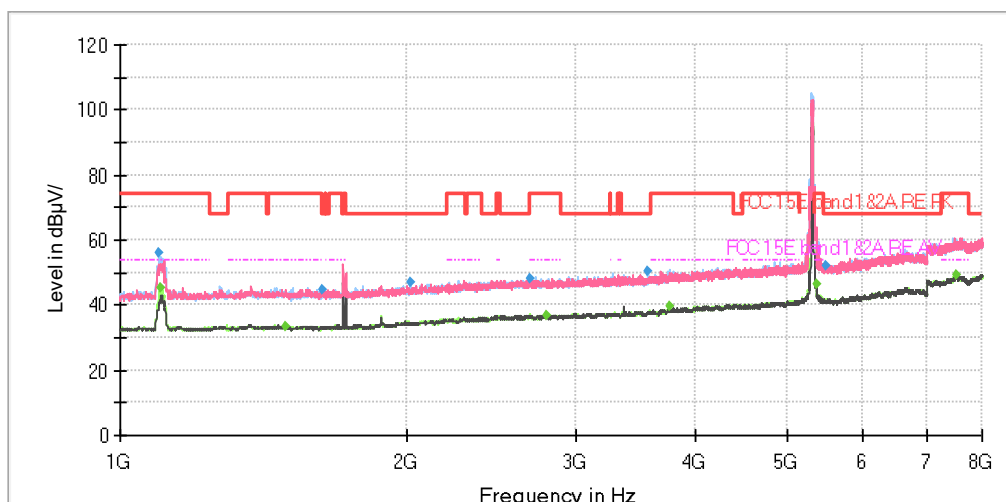


802.11n (HT40) CH62

Spectrum Overview H/V



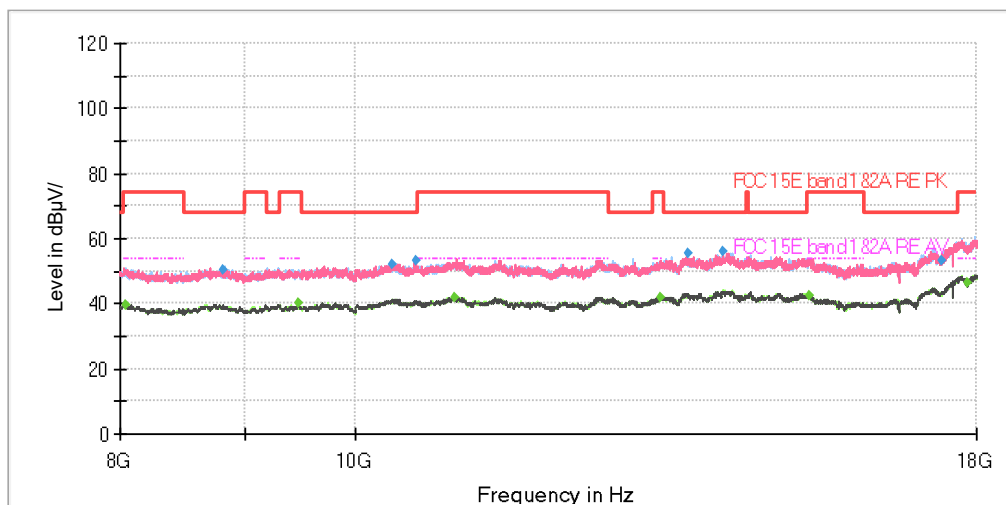
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1098.00	56.13	---	74.00	17.87	500.00	100.0	H	174.00	-3
1103.25	---	45.17	54.00	8.83	500.00	100.0	H	174.00	-3
1492.63	---	33.42	54.00	20.58	500.00	200.0	H	126.00	-3
1631.75	44.76	---	68.20	23.44	500.00	100.0	V	180.00	-3
2012.38	46.85	---	68.20	21.35	500.00	200.0	H	185.00	-2
2687.88	48.15	---	68.20	20.05	500.00	100.0	H	2.00	1
2793.75	---	37.03	54.00	16.97	500.00	200.0	V	0.00	1
3576.88	50.36	---	68.20	17.84	500.00	100.0	H	234.00	2
3764.13	---	39.77	54.00	14.23	500.00	200.0	H	164.00	2
5358.38	---	46.68	54.00	7.32	500.00	100.0	V	351.00	5
5494.88	52.28	---	68.20	15.92	500.00	200.0	H	354.00	5
7516.13	---	49.01	54.00	4.99	500.00	200.0	H	262.00	10

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 3GHz



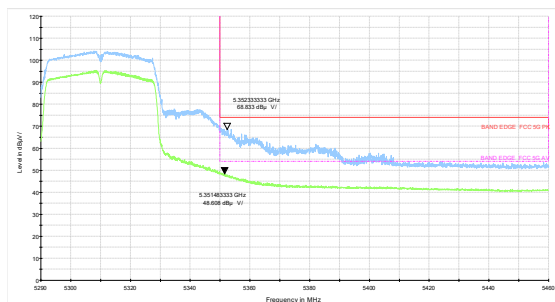
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8036.25	---	39.56	54.00	14.44	500.00	200.0	H	107.00	1
8816.25	50.66	---	68.20	17.54	500.00	100.0	V	274.00	1
9465.00	---	39.96	54.00	14.04	500.00	100.0	V	358.00	2
10343.75	52.25	---	68.20	15.95	500.00	100.0	V	131.00	3
10587.50	52.96	---	68.20	15.24	500.00	200.0	V	338.00	4
10988.75	---	42.08	54.00	11.92	500.00	200.0	V	351.00	4
13352.50	---	42.15	54.00	11.85	500.00	200.0	V	154.00	7
13697.50	55.71	---	68.20	12.49	500.00	100.0	H	236.00	8
14157.50	55.78	---	68.20	12.42	500.00	100.0	H	0.00	9
15371.25	---	42.71	54.00	11.29	500.00	200.0	H	107.00	7
17427.50	53.48	---	68.20	14.72	500.00	100.0	H	0.00	10
17843.75	---	46.57	54.00	7.43	500.00	100.0	H	354.00	12

Radiates Emission from 3GHz to 18GHz

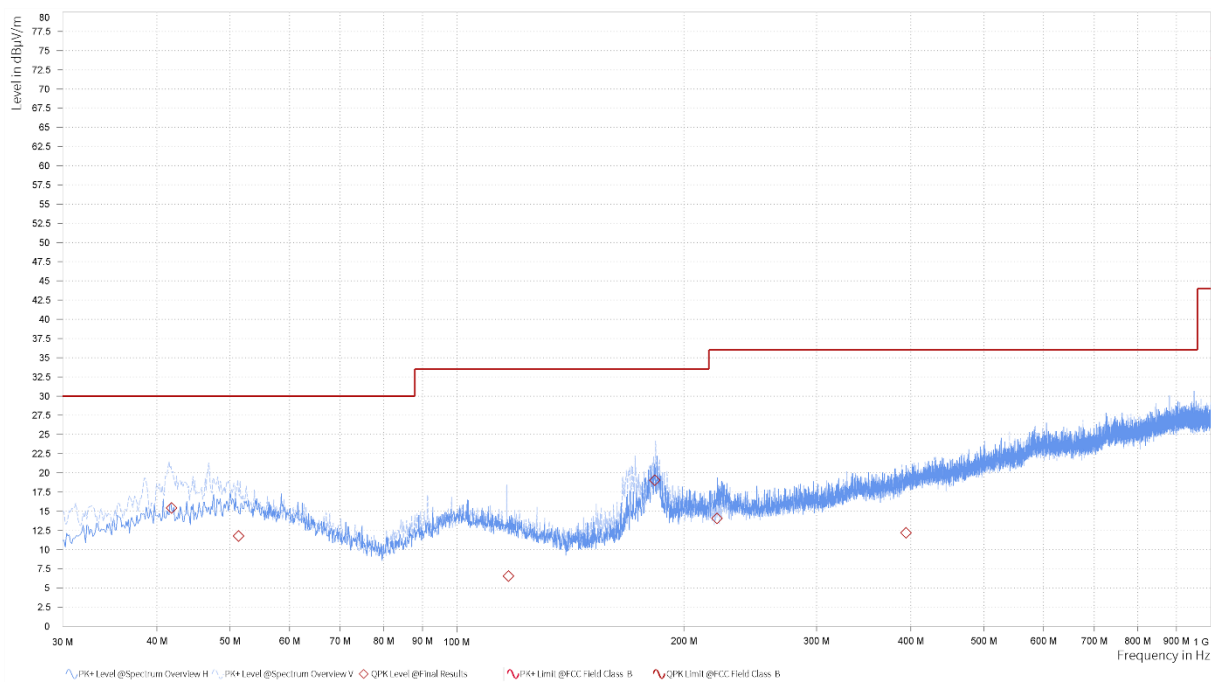
Configurations 7

802.11n HT40-Channel 62: Peak + Average



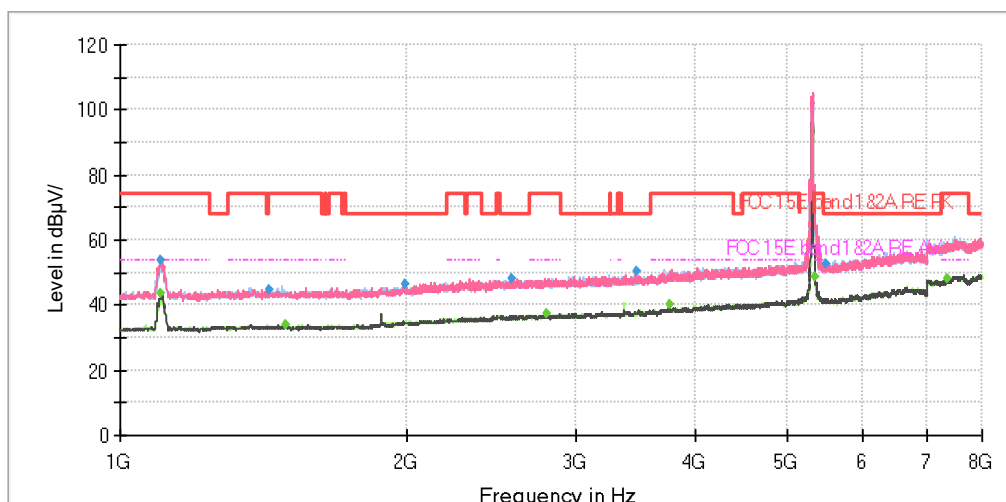
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
41.832	15.41	30.00	14.59	-9.00	V	1.3	1.00
51.347	11.74	30.00	18.26	-8.15	V	321.7	1.00
117.050	6.55	33.50	26.95	-11.22	V	49	1.00
182.997	19.03	33.50	14.47	-11.37	V	134.9	1.00
221.288	14.06	36.00	21.94	-9.53	H	97.2	2.00
394.061	12.16	36.00	23.84	-4.98	H	109.5	2.00

Radiates Emission from 30MHz to 1GHz

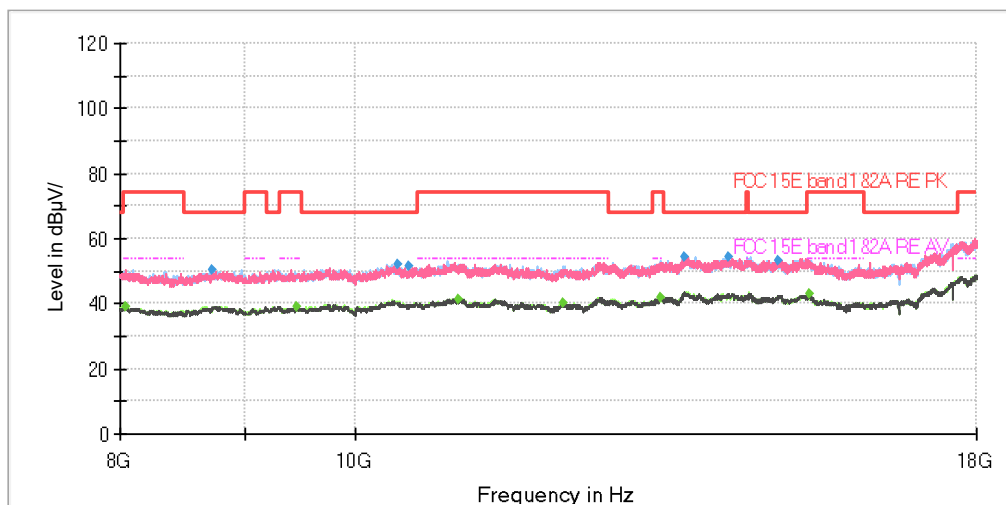


Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1103.25	53.85	---	74.00	20.15	500.00	200.0	H	12.00	-3
1104.13	---	43.83	54.00	10.17	500.00	100.0	V	104.00	-3
1433.13	44.90	---	68.20	23.30	500.00	100.0	V	318.00	-3
1487.38	---	34.01	54.00	19.99	500.00	200.0	V	171.00	-3
1991.38	46.24	---	68.20	21.96	500.00	100.0	H	82.00	-1
2568.00	48.08	---	68.20	20.12	500.00	100.0	V	299.00	0
2801.63	---	37.20	54.00	16.80	500.00	200.0	H	358.00	1
3472.75	50.13	---	68.20	18.07	500.00	200.0	H	184.00	2
3759.75	---	39.98	54.00	14.02	500.00	200.0	V	0.00	2
5353.13	---	48.81	54.00	5.19	500.00	100.0	V	359.00	5
5483.50	52.41	---	68.20	15.79	500.00	200.0	V	5.00	5
7363.88	---	48.12	54.00	5.88	500.00	200.0	V	10.00	10

Note: The signal beyond the limit is carrier.

Radiates Emission from 1GHz to 3GHz



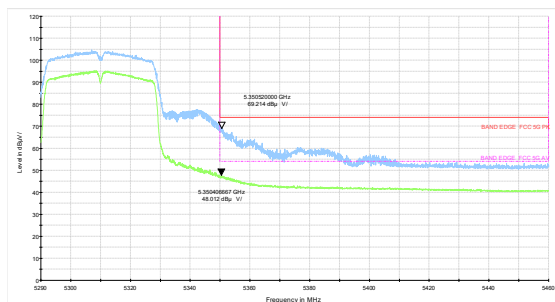
Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8036.25	---	39.14	54.00	14.86	500.00	200.0	H	0.00	1
8728.75	50.45	---	68.20	17.75	500.00	200.0	V	226.00	1
9461.25	---	39.32	54.00	14.68	500.00	200.0	H	64.00	2
10396.25	52.04	---	68.20	16.16	500.00	200.0	H	158.00	3
10521.25	51.77	---	68.20	16.43	500.00	200.0	V	13.00	3
11018.75	---	41.51	54.00	12.49	500.00	100.0	H	0.00	4
12175.00	---	40.06	54.00	13.94	500.00	100.0	V	5.00	5
13342.50	---	42.14	54.00	11.86	500.00	200.0	H	158.00	7
13646.25	54.51	---	68.20	13.69	500.00	100.0	V	0.00	9
14242.50	54.61	---	68.20	13.59	500.00	100.0	H	351.00	9
14910.00	53.23	---	68.20	14.98	500.00	200.0	H	42.00	9
15360.00	---	42.80	54.00	11.20	500.00	100.0	H	13.00	7

Radiates Emission from 3GHz to 18GHz

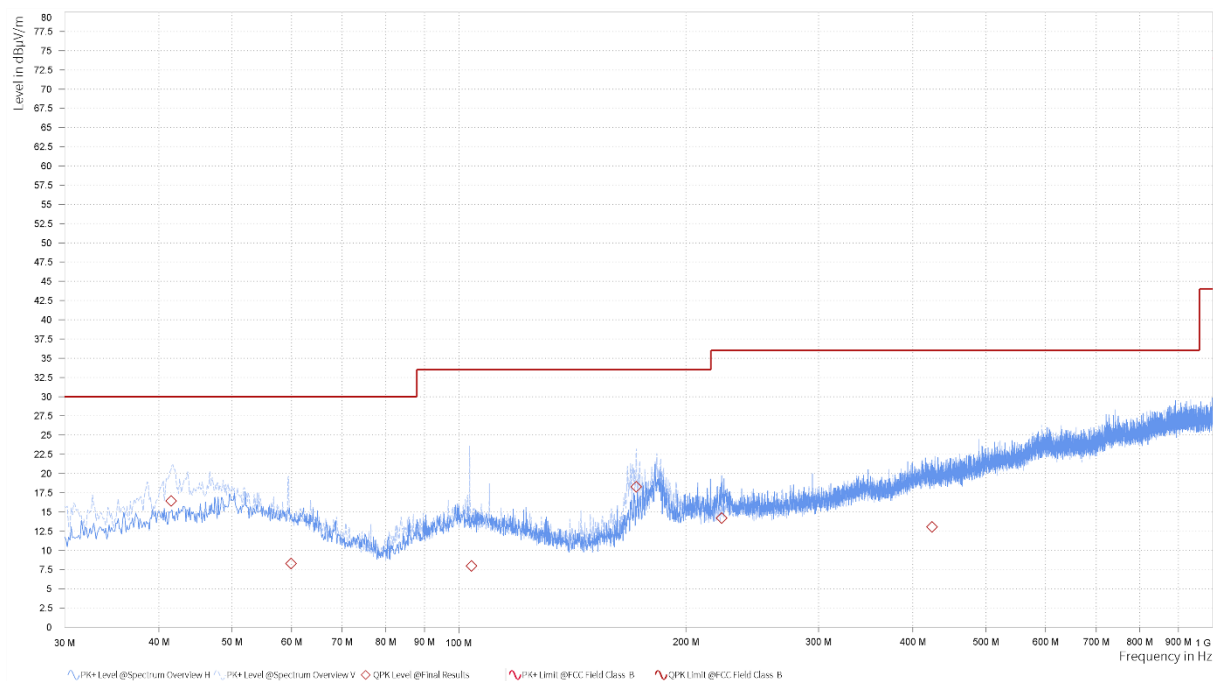
Configurations 8

802.11n HT40-Channel 62: Peak + Average



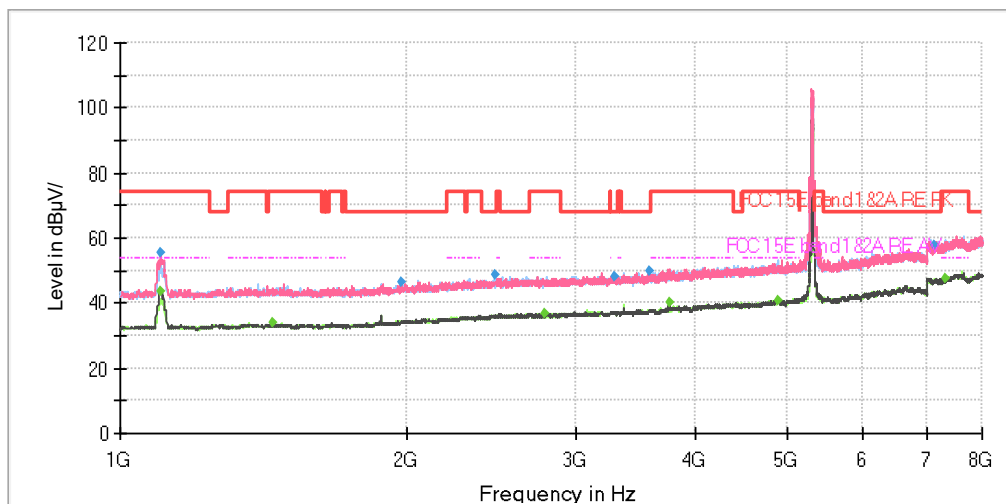
802.11n (HT40) CH62

Spectrum Overview H/V



Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]	Meas. Time [s]
41.548	16.42	30.00	13.58	-9.04	V	7.5	2.00	120.000	1.000
59.917	8.27	30.00	21.73	-9.27	V	209	2.00	120.000	1.000
103.896	7.97	33.50	25.53	-10.02	V	114.5	1.00	120.000	1.000
171.863	18.25	33.50	15.25	-12.04	V	236.2	1.00	120.000	1.000
223.103	14.18	36.00	21.82	-9.44	H	71.5	2.00	120.000	1.000
424.242	13.04	36.00	22.96	-4.34	H	35	2.00	120.000	1.000

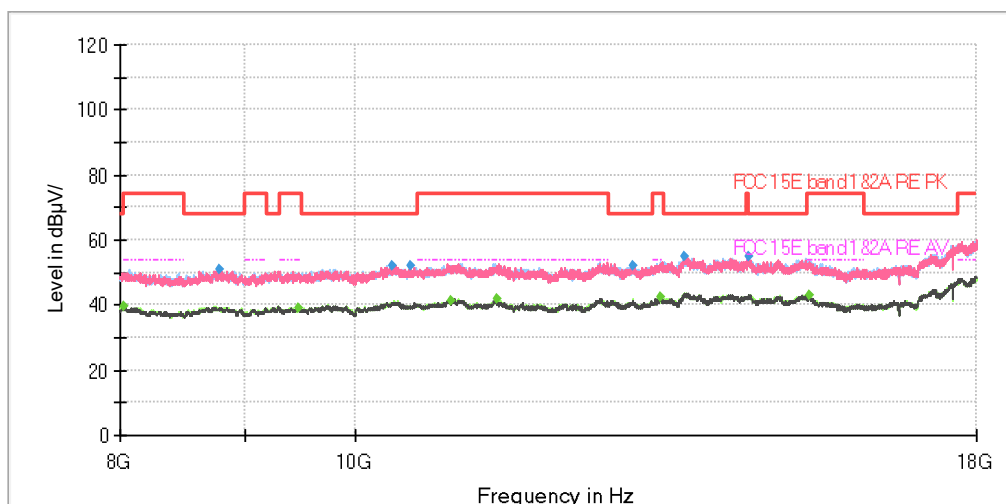
Radiates Emission from 30MHz to 1GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1101.50	---	43.69	54.00	10.31	500.00	100.0	V	104.00	-3
1101.50	55.40	---	74.00	18.60	500.00	100.0	V	104.00	-3
1444.50	---	33.99	54.00	20.01	500.00	200.0	H	10.00	-3
1973.88	46.23	---	68.20	21.97	500.00	200.0	V	0.00	-2
2472.63	48.44	---	68.20	19.76	500.00	200.0	H	2.00	0
2785.00	---	37.01	54.00	16.99	500.00	200.0	V	27.00	1
3302.13	48.28	---	68.20	19.92	500.00	200.0	H	119.00	1
3591.75	49.73	---	68.20	18.47	500.00	100.0	V	123.00	2
3762.38	---	40.05	54.00	13.95	500.00	100.0	V	183.00	2
4888.50	---	40.99	54.00	13.01	500.00	100.0	V	144.00	4
7118.00	57.94	---	68.20	10.26	500.00	100.0	H	0.00	10
7310.50	---	47.34	54.00	6.66	500.00	200.0	V	335.00	10

Note: The signal beyond the limit is carrier.
Radiates Emission from 1GHz to 8GHz



Final_Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
8027.50	---	39.34	54.00	14.66	500.00	200.0	H	245.00	1
8792.50	50.87	---	68.20	17.33	500.00	100.0	H	225.00	1
9470.00	---	39.18	54.00	14.82	500.00	200.0	H	0.00	2
10357.50	52.27	---	68.20	15.93	500.00	200.0	V	251.00	3
10525.00	51.83	---	68.20	16.37	500.00	100.0	V	70.00	3
10945.00	---	41.27	54.00	12.73	500.00	100.0	V	93.00	4
11420.00	---	41.65	54.00	12.35	500.00	100.0	H	225.00	4
12995.00	52.15	---	68.20	16.05	500.00	100.0	H	271.00	6
13336.25	---	42.25	54.00	11.75	500.00	200.0	V	107.00	7
13643.75	55.04	---	68.20	13.16	500.00	200.0	V	351.00	9
14512.50	54.81	---	68.20	13.39	500.00	100.0	H	0.00	9
15360.00	---	42.89	54.00	11.11	500.00	100.0	V	302.00	7

Radiates Emission from 3GHz to 18GHz

5.6. Conducted Emission

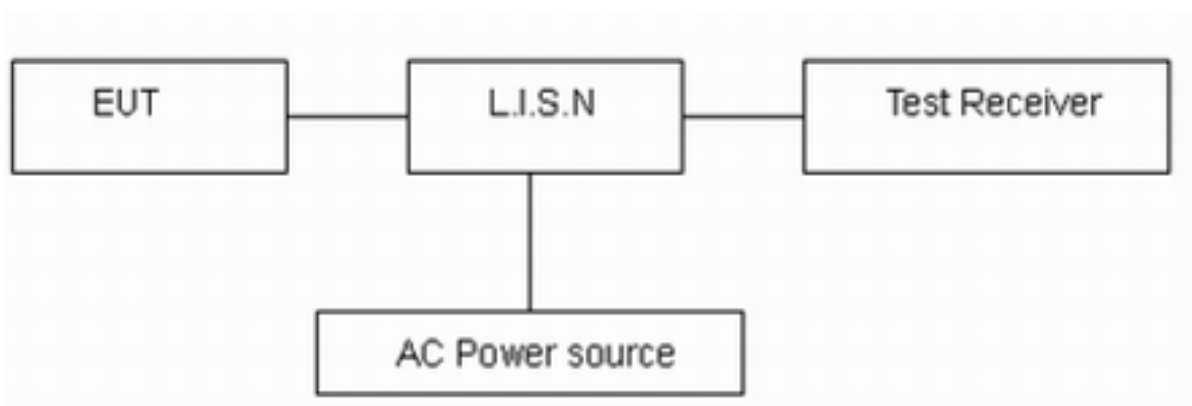
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.
The test is in transmitting mode.

Test Setup



Note: AC Power source is used to change the voltage 110V/60Hz.

Limits

Frequency (MHz)	Conducted Limits(dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46*
0.5 - 5	56	46
5 - 30	60	50
*: Decreases with the logarithm of the frequency.		

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$, $U = 2.69$ dB.

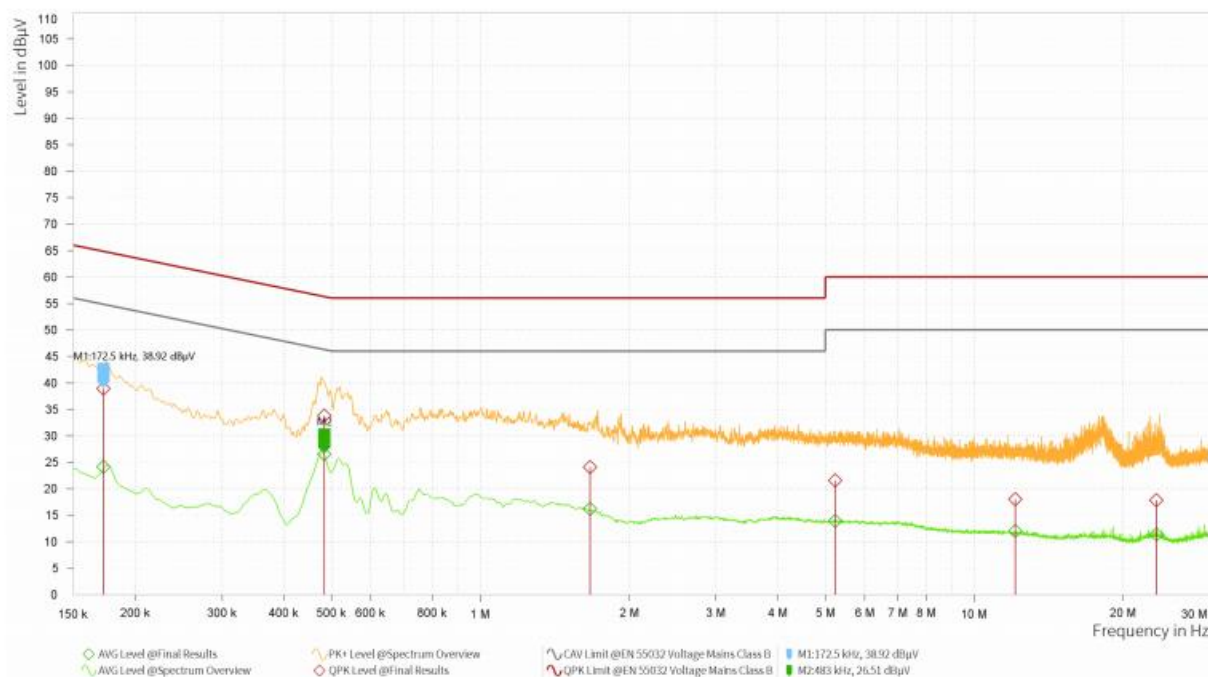
Test Results:

Test Results:

Following plots, Blue trace uses the peak detection and Green trace uses the average detection.

During the test, the Conducted Emission was performed in all modes with all channels. The test data of the worst-case condition was recorded in this report.

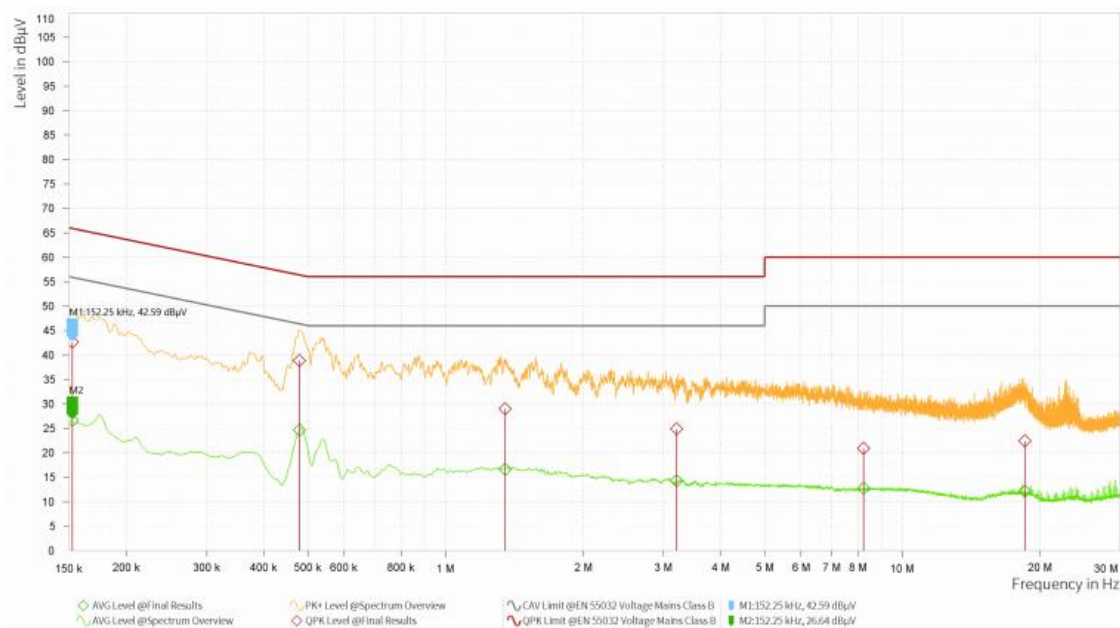
Remark: Correct factor=cable loss + LISN factor



Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
1	0.173	38.92	64.84	25.92	24.11	54.84	30.73	20.89	L1	9.000	1.000
1	0.483	33.81	56.29	22.47	26.51	46.29	19.77	20.79	L1	9.000	1.000
1	1.669	24.07	56.00	31.93	16.16	46.00	29.84	19.76	L1	9.000	1.000
1	5.231	21.53	60.00	38.47	13.88	50.00	36.12	19.40	L1	9.000	1.000
1	12.125	18.02	60.00	41.98	11.99	50.00	38.01	19.43	L1	9.000	1.000
1	23.399	17.82	60.00	42.18	11.39	50.00	38.61	19.74	L1	9.000	1.000

L line Conducted Emission from 150 kHz to 30 MHz

Remark: Correct factor=cable loss + LISN factor



Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	AVG Level [dBμV]	AVG: CAV Limit [dBμV]	AVG Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]	Meas. Time [s]
1	0.152	42.59	65.88	23.28	26.64	55.88	29.23	20.91	N	9.000	1.000
1	0.479	38.84	56.37	17.53	24.64	46.37	21.72	20.81	N	9.000	1.000
1	1.349	28.98	56.00	27.02	16.62	46.00	29.38	19.93	N	9.000	1.000
1	3.208	24.88	56.00	31.12	14.24	46.00	31.76	19.48	N	9.000	1.000
1	8.223	20.92	60.00	39.08	12.73	50.00	37.27	19.42	N	9.000	1.000
1	18.553	22.42	60.00	37.58	12.11	50.00	37.89	19.66	N	9.000	1.000

N line Conducted Emission from 150 kHz to 30 MHz

6. Main Test Instruments

Name	Manufacturer	Type	Serial Number	Calibration Date	Expiration Date
Power sensor	R&S	NRP18S	101954	2024-05-07	2025-05-06
				2025-05-06	2026-05-05
Spectrum Analyzer	KEYSIGHT	N9020A	MY51330870	2024-05-07	2025-05-06
				2025-05-06	2026-05-05
DC Power Supply	UNI-T	UTP1306S+	2205D0517426	2024-12-02	2025-12-01
Climate Chamber	ESPEC	SU-242	93000506	2024-12-02	2025-12-01
EMI Test Receiver	R&S	ESR	101667	2024-05-07	2025-05-06
				2025-05-06	2026-05-05
Software	R&S	EMC32	10.35.10	/	/
EMI Test Receiver	R&S	ESCI3	100948	2024-05-07	2025-05-06
				2025-05-06	2026-05-05
Signal Analyzer	R&S	FSV40	101186	2024-05-07	2025-05-06
				2025-05-06	2026-05-05
Loop Antenna	SCHWARZBECK	FMZB1519	1519-047	2023-04-16	2026-04-15
TRILOG Broadband Antenna	SCHWARZBECK	VULB 9163	1023	2023-07-14	2026-07-13
Horn Antenna	SCHWARZBECK	BBHA 9120D	430	2024-07-18	2027-07-17
Amplifier	MWPA.CN	MWLA-010200 G40	YQ2103039B0 1	2024-05-07	2025-05-06
	R&S	SCU18F	101022	2025-05-06	2026-05-05
Horn Antenna	ETS-Lindgren	3160-09	00102643	2024-09-24	2027-09-23
Horn Antenna	STEATITE	QSH-SL-26-40 -K-15	16779	2023-01-17	2026-01-16
Amplifier	MicroWave	KLNA-180400 50	220826001	2024-05-08	2025-05-07
Software	R&S	EMC32	9.26.01	/	/

ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

ANNEX B: Test Setup Photos

The Test Setup Photos are submitted separately.

***** END OF REPORT *****