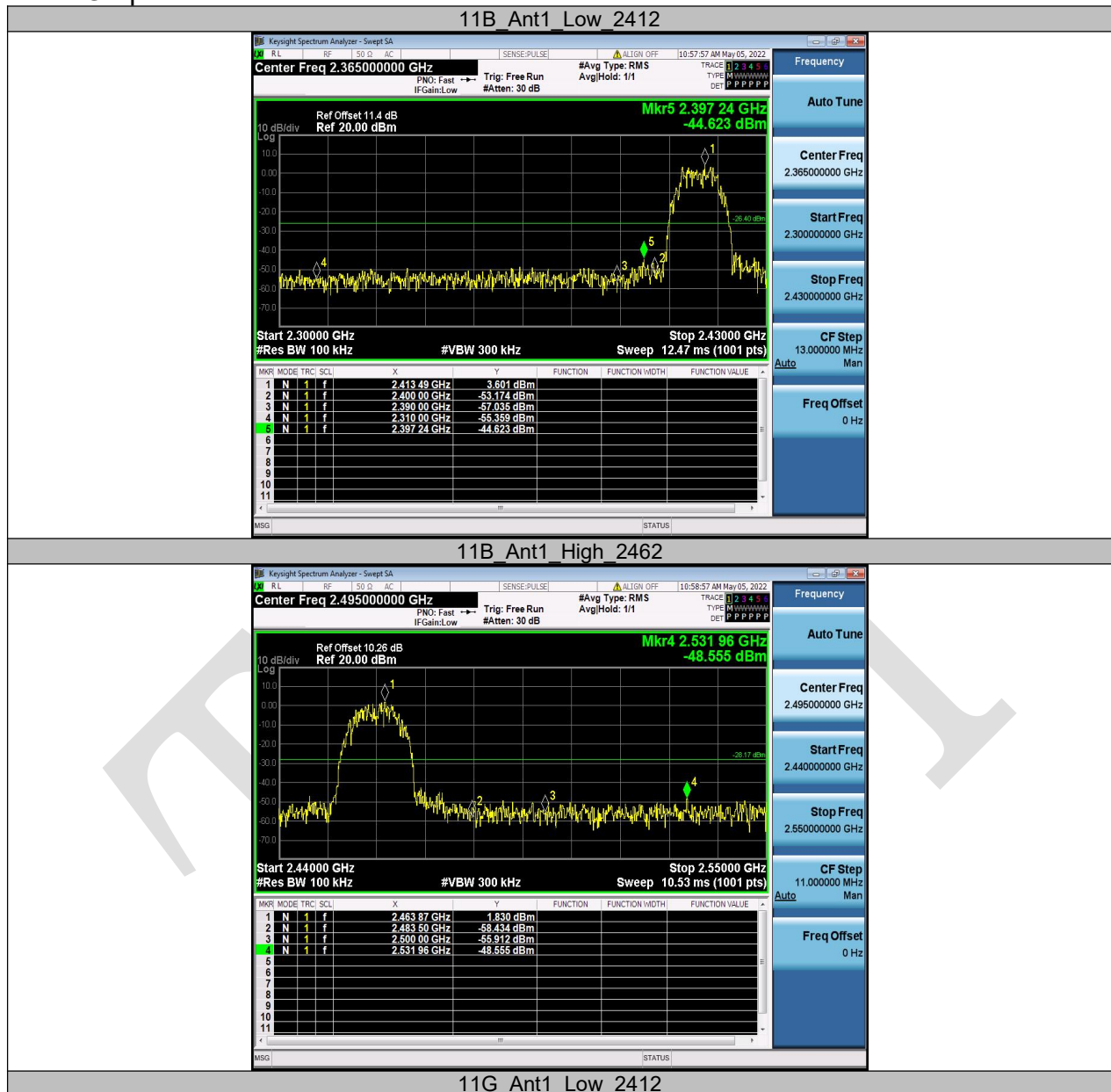


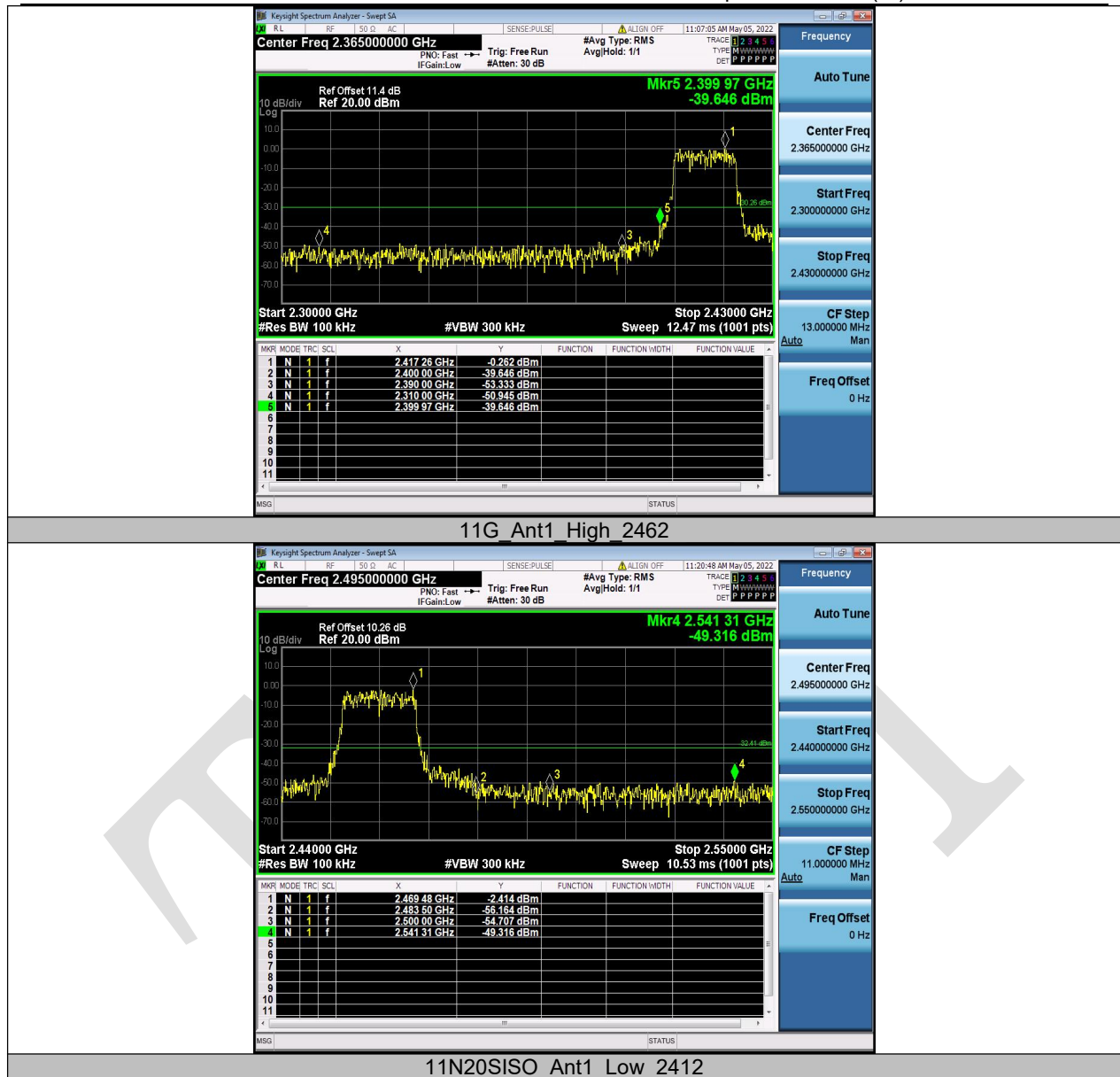


Test Graphs:



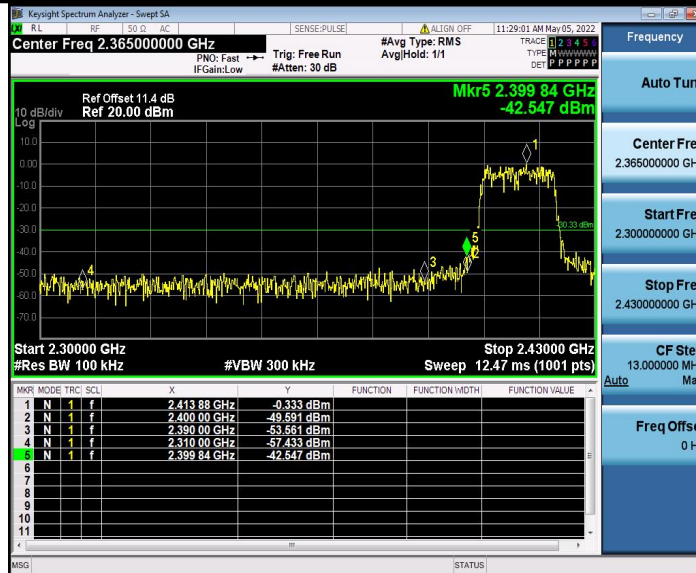


Test report No.: RZBG(W)20220421003-1

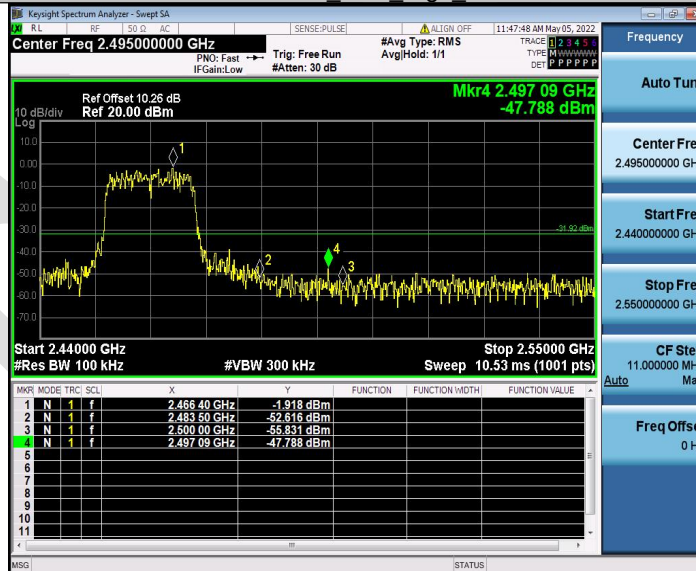




Test report No.: RZBG(W)20220421003-1



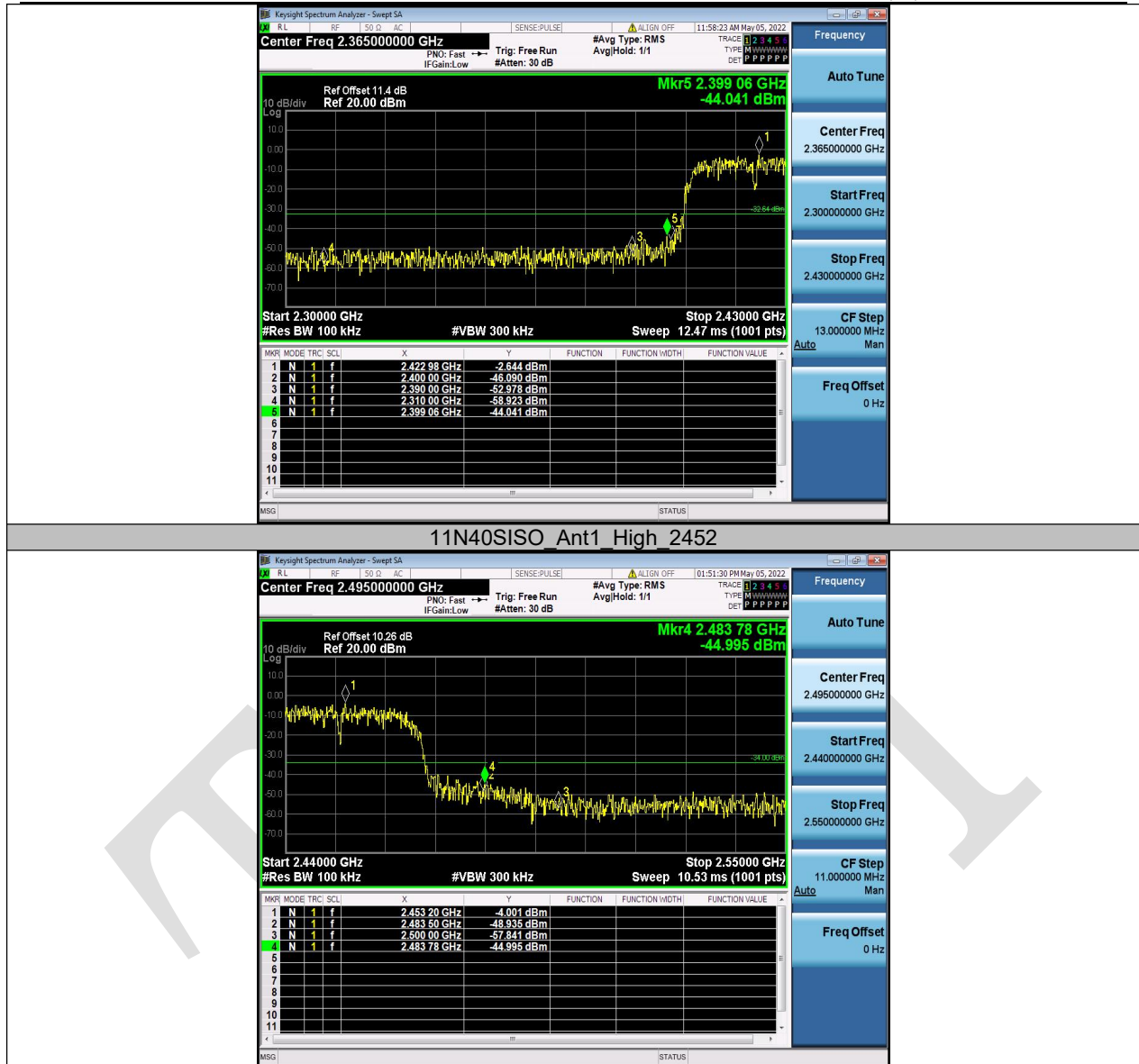
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



Test report No.: RZBG(W)20220421003-1



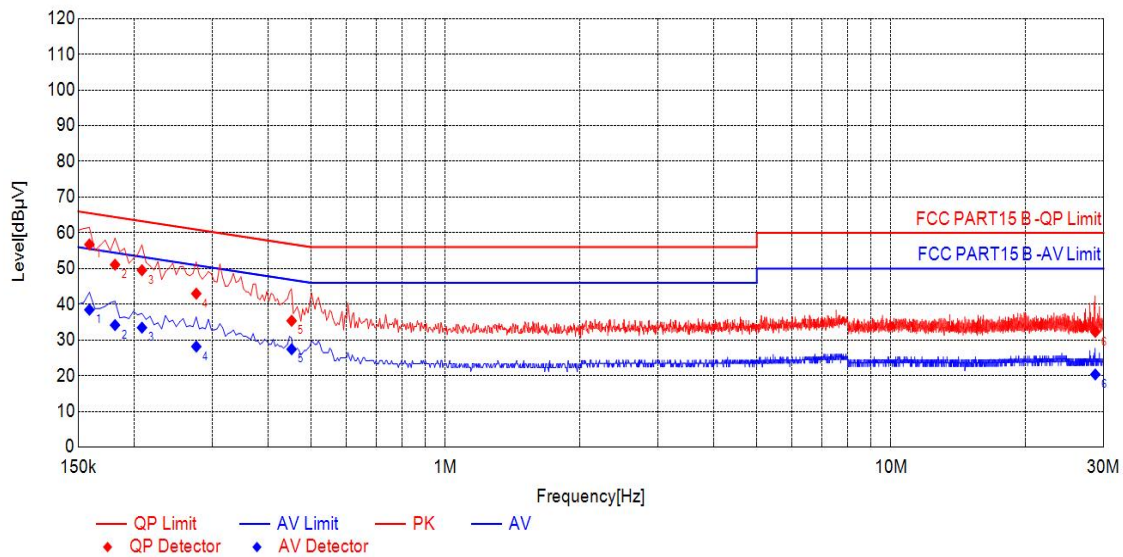


A.5 AC Power Line Conducted Emission

Note 1: The EUT is working in the Normal link mode.

Test Data and Plots:

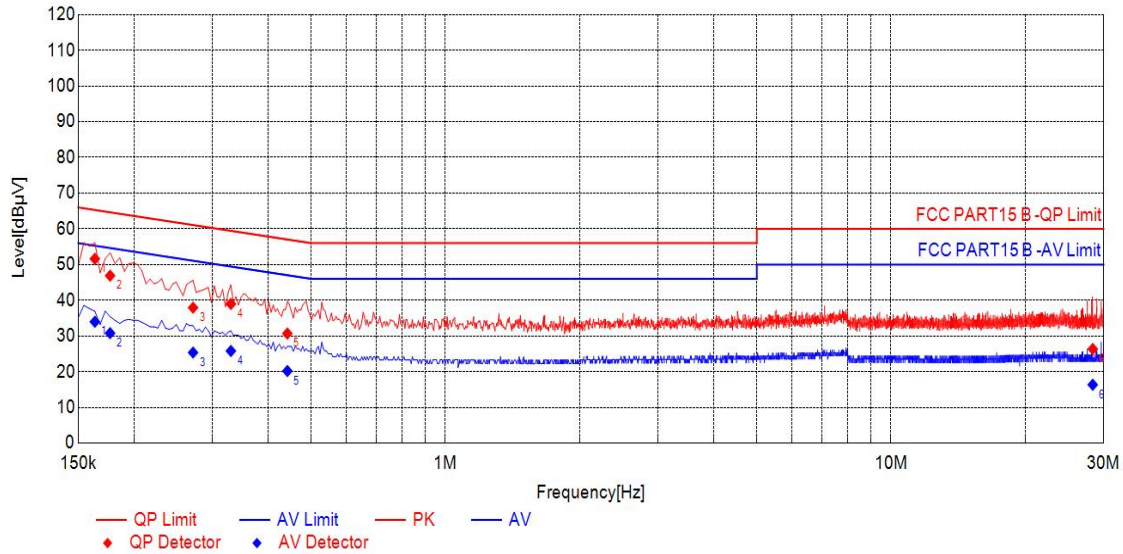
PHASE L



NO.	Freq. [MHz]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Result	Type
1	0.1590	37.01	56.75	65.52	8.77	18.73	38.47	55.52	17.05	PASS	L
2	0.1815	31.35	51.09	64.42	13.33	14.43	34.17	54.42	20.25	PASS	L
3	0.2086	29.79	49.53	63.26	13.73	13.71	33.45	53.26	19.81	PASS	L
4	0.2762	23.22	42.97	60.93	17.96	8.41	28.16	50.93	22.77	PASS	L
5	0.4519	15.65	35.37	56.84	21.47	7.69	27.41	46.84	19.43	PASS	L
6	28.7341	11.94	32.27	60.00	27.73	0.01	20.34	50.00	29.66	PASS	L



PHASE N



NO.	Freq. [MHz]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Result	Type
1	0.1635	31.82	51.63	65.28	13.65	14.17	33.98	55.28	21.30	PASS	N
2	0.1769	27.06	46.89	64.63	17.74	10.96	30.79	54.63	23.84	PASS	N
3	0.2716	18.13	37.93	61.07	23.14	5.56	25.36	51.07	25.71	PASS	N
4	0.3302	19.20	38.97	59.45	20.48	6.03	25.80	49.45	23.65	PASS	N
5	0.4422	10.96	30.69	57.02	26.33	0.46	20.19	47.02	26.83	PASS	N
6	28.3512	6.03	26.36	60.00	33.64	-3.98	16.35	50.00	33.65	PASS	N



A.6 Radiated Emission

Note 1: The symbol of “--” in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

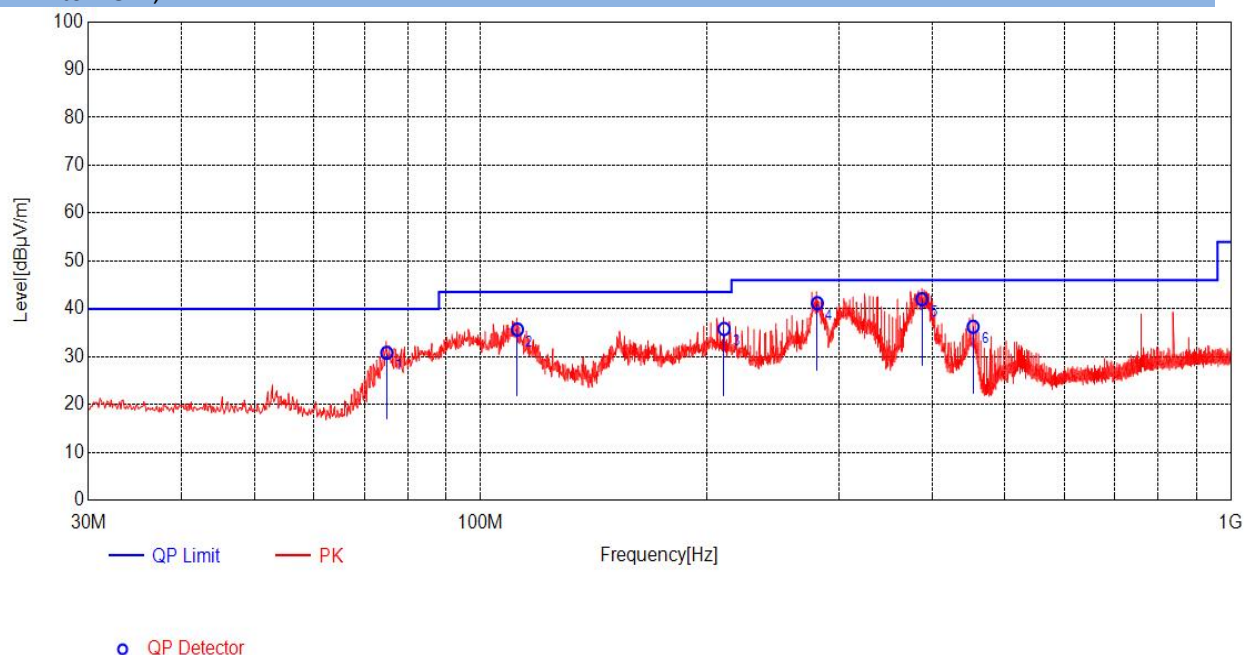
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz.

Note 5: The emission in 18GHz-25GHz only show the worst test data, because of they are noisy.

Test Data and Plots:

30 MHz to 1 GHz, ANT H



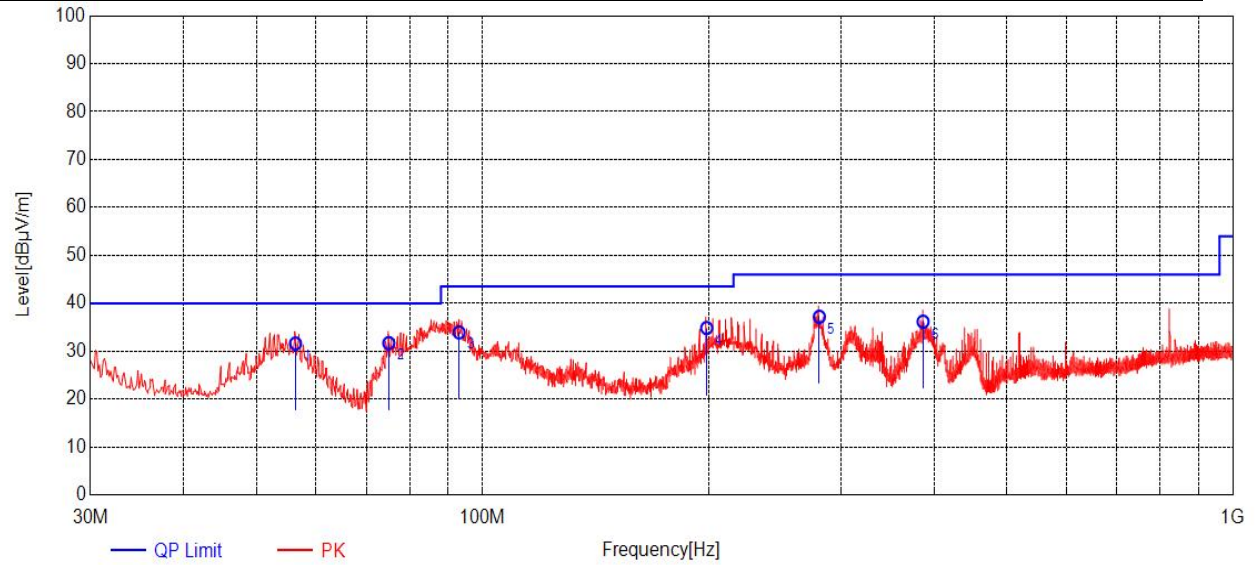
Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	74.9838	11.58	30.81	40.00	9.19	200	27	Horizontal
2	111.9650	14.45	35.68	43.50	7.82	200	41	Horizontal
3	211.1475	12.43	35.82	43.50	7.68	100	80	Horizontal
4	281.1088	14.05	41.18	46.00	4.82	100	283	Horizontal
5	387.5663	16.11	42.00	46.00	4.00	100	276	Horizontal
6	453.4050	17.42	36.26	46.00	9.74	200	311	Horizontal

30 MHz to 1 GHz, ANT V



Test report No.: RZBG(W)20220421003-1



○ QP Detector

Final Data List

NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	56.3113	14.50	31.61	40.00	8.39	100	109	Vertical
2	74.9838	11.58	31.70	40.00	8.30	100	122	Vertical
3	93.0500	11.08	33.93	43.50	9.57	100	219	Vertical
4	198.9013	12.18	34.84	43.50	8.66	100	158	Vertical
5	281.1088	14.05	37.19	46.00	8.81	200	105	Vertical
6	386.4750	16.09	36.18	46.00	9.82	100	169	Vertical



above 1GHz(1GHz-18GHz):

802.11b CH1, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	54.46	50.60	74.00	23.40	Peak	100	326
2	4823.241	0.78	50.36	51.14	74.00	22.86	Peak	150	122
3	8053.653	8.98	34.77	43.76	74.00	30.24	Peak	200	22
4	10522.180	13.06	34.40	47.45	74.00	26.55	Peak	150	318
5	11525.150	14.61	34.37	48.98	74.00	25.02	Peak	100	198
6	13962.570	18.21	31.77	49.98	74.00	24.02	Peak	150	83

802.11b CH1, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	55.45	51.59	74.00	22.41	Peak	200	113
2	4824.984	0.79	49.95	50.74	74.00	23.26	Peak	100	104
3	6242.694	3.88	38.14	42.02	74.00	31.98	Peak	100	192
4	8343.918	9.26	34.84	44.10	74.00	29.90	Peak	200	103
5	11458.720	14.35	35.53	49.88	74.00	24.12	Peak	100	74
6	14320.200	18.10	32.76	50.86	74.00	23.14	Peak	150	208

802.11b CH6, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	54.23	50.49	74.00	23.51	Peak	200	336
2	4874.043	0.98	49.82	50.80	74.00	23.20	Peak	150	122
3	7829.860	8.85	35.32	44.17	74.00	29.83	Peak	200	237
4	9742.805	10.55	33.96	44.51	74.00	29.49	Peak	200	110
5	11080.100	14.70	34.90	49.61	74.00	24.39	Peak	100	0
6	14309.860	18.11	32.16	50.27	74.00	23.73	Peak	150	24

802.11b CH6, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	54.62	50.87	74.00	23.13	Peak	150	248
2	4874.043	0.98	48.72	49.70	74.00	24.30	Peak	150	60
3	6453.684	4.76	36.82	41.59	74.00	32.41	Peak	150	110
4	7390.070	7.62	36.12	43.74	74.00	30.26	Peak	150	159
5	10881.740	13.79	34.21	48.00	74.00	26.00	Peak	100	152
6	14612.890	17.59	32.13	49.72	74.00	24.28	Peak	150	139



802.11b CH11, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	4275.174	-2.73	39.55	36.82	74.00	37.18	Peak	150	270
2	4924.181	0.57	50.31	50.89	74.00	23.11	Peak	150	122
3	7386.894	7.22	37.09	44.32	74.00	29.68	Peak	200	41
4	9848.182	12.22	35.10	47.32	74.00	26.68	Peak	100	71
5	11373.400	15.83	32.89	48.72	74.00	25.28	Peak	200	198
6	13787.320	17.40	32.42	49.82	74.00	24.18	Peak	200	228

802.11b CH11, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3282.697	-3.74	54.22	50.48	74.00	23.52	Peak	200	74
2	4923.600	1.20	48.36	49.56	74.00	24.44	Peak	200	83
3	6474.703	4.92	36.06	40.98	74.00	33.02	Peak	150	100
4	7387.401	7.59	36.85	44.44	74.00	29.56	Peak	100	320
5	11064.100	14.56	33.67	48.24	74.00	25.76	Peak	200	181
6	14408.430	18.04	31.85	49.89	74.00	24.11	Peak	100	339

802.11G CH1, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	54.47	50.61	74.00	23.39	Peak	150	128
2	3734.628	-2.45	39.28	36.83	74.00	37.17	Peak	200	63
3	4786.785	0.68	38.05	38.73	74.00	35.27	Peak	100	329
4	6977.503	5.89	37.49	43.38	74.00	30.62	Peak	100	54
5	11278.000	14.47	34.53	49.00	74.00	25.00	Peak	200	330
6	14263.400	18.07	32.33	50.40	74.00	23.60	Peak	150	79

802.11G CH1, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	55.69	51.83	74.00	22.17	Peak	100	140
2	6231.427	3.87	36.12	39.98	74.00	34.02	Peak	200	286
3	7920.911	9.12	35.09	44.21	74.00	29.79	Peak	100	267
4	8998.373	9.84	34.72	44.56	74.00	29.44	Peak	150	64
5	11241.390	14.33	33.68	48.01	74.00	25.99	Peak	100	170
6	14729.500	17.57	32.83	50.40	74.00	23.60	Peak	100	307



802.11G CH6, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	55.41	51.67	74.00	22.33	Peak	100	230
2	4077.334	-1.08	37.78	36.70	74.00	37.30	Peak	150	117
3	6159.797	3.66	35.57	39.22	74.00	34.78	Peak	150	16
4	7940.969	9.21	34.55	43.76	74.00	30.24	Peak	150	185
5	11092.120	14.81	33.39	48.20	74.00	25.80	Peak	150	83
6	13967.620	18.25	31.45	49.71	74.00	24.29	Peak	100	360

802.11G CH6, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	48.76	45.02	74.00	28.98	Peak	150	140
2	3901.516	-1.45	38.16	36.70	74.00	37.30	Peak	100	85
3	5709.729	2.65	36.46	39.12	74.00	34.88	Peak	100	74
4	7422.180	7.66	35.29	42.95	74.00	31.05	Peak	150	185
5	9027.681	9.75	34.89	44.64	74.00	29.36	Peak	100	62
6	11052.110	14.46	33.57	48.03	74.00	25.97	Peak	100	51

802.11G CH11, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3282.697	-3.74	54.34	50.60	74.00	23.40	Peak	100	72
2	5205.312	2.07	36.15	38.22	74.00	35.78	Peak	150	106
3	7508.489	7.77	36.24	44.01	74.00	29.99	Peak	150	95
4	10075.730	11.42	35.24	46.66	74.00	27.34	Peak	150	61
5	11060.100	14.53	33.99	48.52	74.00	25.48	Peak	150	50
6	14361.650	18.07	32.16	50.23	74.00	23.77	Peak	150	322

802.11G CH11, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3282.697	-3.74	48.04	44.30	74.00	29.70	Peak	150	173
2	3842.759	-1.81	38.53	36.72	74.00	37.28	Peak	150	49
3	6064.839	3.27	36.30	39.57	74.00	34.43	Peak	100	277
4	7430.229	7.64	35.12	42.76	74.00	31.24	Peak	100	140
5	8972.402	9.89	35.22	45.11	74.00	28.89	Peak	150	105
6	11156.420	14.39	33.80	48.19	74.00	25.81	Peak	100	16



802.11N20 CH1, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	48.49	44.63	74.00	29.37	Peak	100	186
2	5026.048	1.54	36.03	37.57	74.00	36.43	Peak	200	105
3	7363.418	7.38	36.16	43.54	74.00	30.46	Peak	150	28
4	9437.914	10.49	33.94	44.43	74.00	29.57	Peak	150	360
5	10992.380	14.63	33.87	48.49	74.00	25.51	Peak	200	241
6	14315.030	18.10	32.34	50.44	74.00	23.56	Peak	200	354

802.11N20 CH1, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3215.785	-3.86	55.02	51.16	74.00	22.84	Peak	100	360
2	3615.144	-2.73	38.94	36.21	74.00	37.79	Peak	200	299
3	6047.335	3.26	36.81	40.07	74.00	33.93	Peak	200	118
4	7940.969	9.21	35.47	44.68	74.00	29.32	Peak	200	28
5	11160.450	14.40	33.98	48.38	74.00	25.62	Peak	100	311
6	14232.510	18.06	30.92	48.98	74.00	25.02	Peak	135	344

802.11N20 CH6, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	49.25	45.51	74.00	28.49	Peak	150	299
2	4870.522	0.96	50.83	51.78	74.00	22.22	Peak	150	118
3	7313.044	7.35	37.29	44.64	74.00	29.36	Peak	100	106
4	10061.180	11.45	33.99	45.44	74.00	28.56	Peak	100	209
5	11048.120	14.45	33.05	47.50	74.00	26.50	Peak	100	27
6	13927.300	17.97	31.29	49.26	74.00	24.74	Peak	150	73

802.11N20 CH6, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	51.87	48.13	74.00	25.87	Peak	100	184
2	4877.566	1.00	48.04	49.04	74.00	24.96	Peak	100	61
3	7094.436	6.27	36.85	43.12	74.00	30.88	Peak	150	266
4	9202.215	9.73	34.31	44.03	74.00	29.97	Peak	150	164
5	10866.020	13.68	33.74	47.41	74.00	26.59	Peak	200	265
6	13797.090	17.57	31.64	49.22	74.00	24.78	Peak	200	310



802.11N20 CH11, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3282.697	-3.74	52.79	49.04	74.00	24.96	Peak	100	254
2	4927.159	1.21	50.15	51.36	74.00	22.64	Peak	200	152
3	7414.140	7.68	36.62	44.30	74.00	29.70	Peak	150	38
4	11265.790	14.40	33.80	48.20	74.00	25.80	Peak	150	61
5	13977.710	18.33	31.26	49.58	74.00	24.42	Peak	200	310
6	14565.450	17.85	31.94	49.79	74.00	24.21	Peak	200	61

802.11N20 CH11, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3282.697	-3.74	53.89	50.15	74.00	23.85	Peak	200	355
2	4920.044	1.19	47.53	48.72	74.00	25.28	Peak	150	49
3	7790.356	8.54	35.15	43.69	74.00	30.31	Peak	100	288
4	11084.100	14.74	34.22	48.96	74.00	25.04	Peak	100	95
5	13927.300	17.97	32.34	50.31	74.00	23.69	Peak	200	243
6	14665.780	17.60	32.40	50.00	74.00	24.00	Peak	200	129

802.11N40 CH3, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3229.758	-3.81	54.29	50.47	74.00	23.53	Peak	100	186
2	4844.198	0.83	46.12	46.95	74.00	27.05	Peak	150	119
3	7926.636	9.15	35.06	44.21	74.00	29.79	Peak	100	355
4	11096.120	14.85	34.11	48.95	74.00	25.05	Peak	150	288
5	13937.370	18.04	31.85	49.88	74.00	24.12	Peak	150	198
6	14895.400	17.51	31.90	49.40	74.00	24.60	Peak	150	360

802.11N40 CH3, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3229.758	-3.81	54.70	50.89	74.00	23.11	Peak	100	175
2	4861.731	0.91	44.81	45.72	74.00	28.28	Peak	150	311
3	7336.863	7.29	35.01	42.30	74.00	31.70	Peak	100	85
4	9956.313	11.12	34.42	45.54	74.00	28.46	Peak	100	164
5	11298.390	14.58	33.59	48.17	74.00	25.83	Peak	150	311
6	14320.200	18.10	31.75	49.85	74.00	24.15	Peak	150	130



802.11N40 CH6, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	49.25	45.50	74.00	28.50	Peak	150	39
2	4874.043	0.98	48.72	49.70	74.00	24.30	Peak	150	106
3	7228.981	6.76	36.31	43.07	74.00	30.93	Peak	100	287
4	9454.979	10.49	33.94	44.44	74.00	29.56	Peak	150	140
5	11124.220	14.64	33.39	48.03	74.00	25.97	Peak	150	84
6	14008.050	18.46	31.30	49.76	74.00	24.24	Peak	150	152

802.11N40 CH6, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3249.656	-3.74	54.74	50.99	74.00	23.01	Peak	100	116
2	4874.043	0.98	50.04	51.02	74.00	22.98	Peak	150	73
3	7236.821	6.76	36.55	43.31	74.00	30.69	Peak	100	322
4	10192.900	11.66	33.51	45.18	74.00	28.82	Peak	150	129
5	11376.220	14.26	33.66	47.93	74.00	26.07	Peak	150	343
6	14232.510	18.06	31.36	49.42	74.00	24.58	Peak	150	73

802.11N40 CH9, ANT V

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3269.677	-3.74	53.25	49.50	74.00	24.50	Peak	100	4
2	4907.616	1.15	51.06	52.21	74.00	21.79	Peak	150	106
3	7358.100	7.33	36.61	43.94	74.00	30.06	Peak	150	129
4	7932.366	9.17	35.89	45.06	74.00	28.94	Peak	100	333
5	11076.100	14.67	33.25	47.92	74.00	26.08	Peak	100	355
6	14392.820	18.03	32.44	50.47	74.00	23.53	Peak	150	129

802.11N40 CH9, ANT H

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	3269.677	-3.74	54.50	50.76	74.00	23.24	Peak	150	94
2	4911.164	1.16	49.32	50.48	74.00	23.52	Peak	100	118
3	7844.018	8.98	35.84	44.82	74.00	29.18	Peak	150	105
4	11221.100	14.38	33.96	48.34	74.00	25.66	Peak	100	107
5	13967.620	18.25	31.22	49.47	74.00	24.53	Peak	100	152
6	14554.920	17.93	32.05	49.98	74.00	24.02	Peak	100	51



802.11b CH6, ANT V(18GHz-25GHz)

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	21418.800	-18.01	60.52	42.51	74.00	31.49	Peak	200	44
2	22371.400	-18.03	59.77	41.75	74.00	32.25	Peak	100	337
3	22967.600	-19.33	60.92	41.59	74.00	32.41	Peak	100	4

802.11b CH6, ANT H(18GHz-25GHz)

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	21465.410	-17.76	58.18	40.42	74.00	33.58	Peak	100	260
2	22444.810	-18.13	58.73	40.60	74.00	33.40	Peak	100	184
3	22982.090	-19.30	59.56	40.26	74.00	33.74	Peak	200	358

A.7 Band Edge (Restricted band-edge)

Test Result

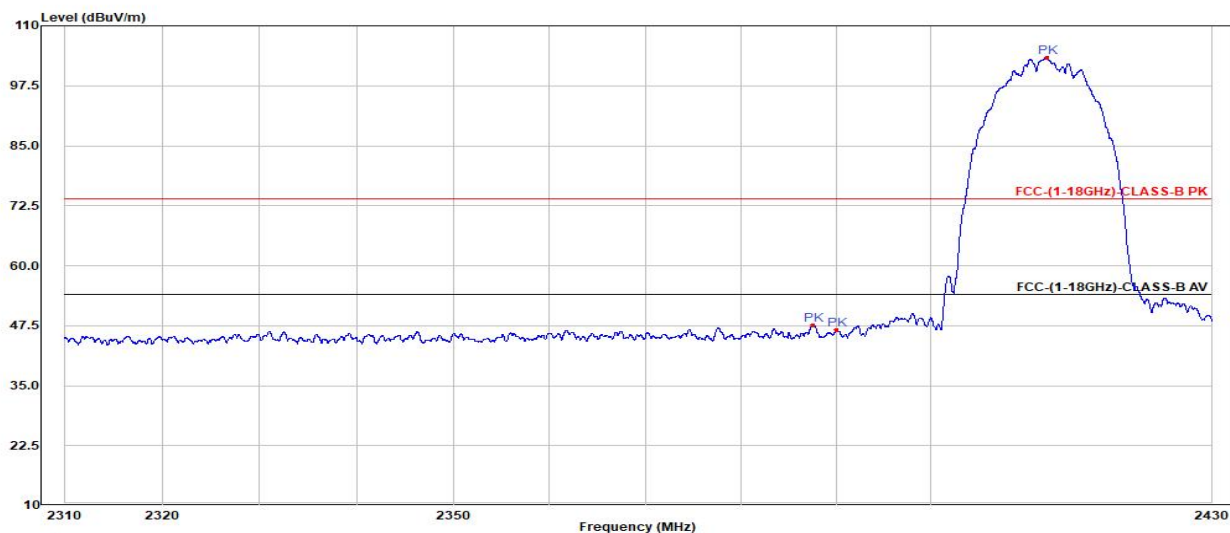
Note:

1. The lowest and highest channels are tested to verify the band edge emissions. Please refer to the following the plots for emissions values.
2. The test data all are tested in the vertical and horizontal antenna which the trace is max hold. So these plots have shown the worst case.
3. According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement



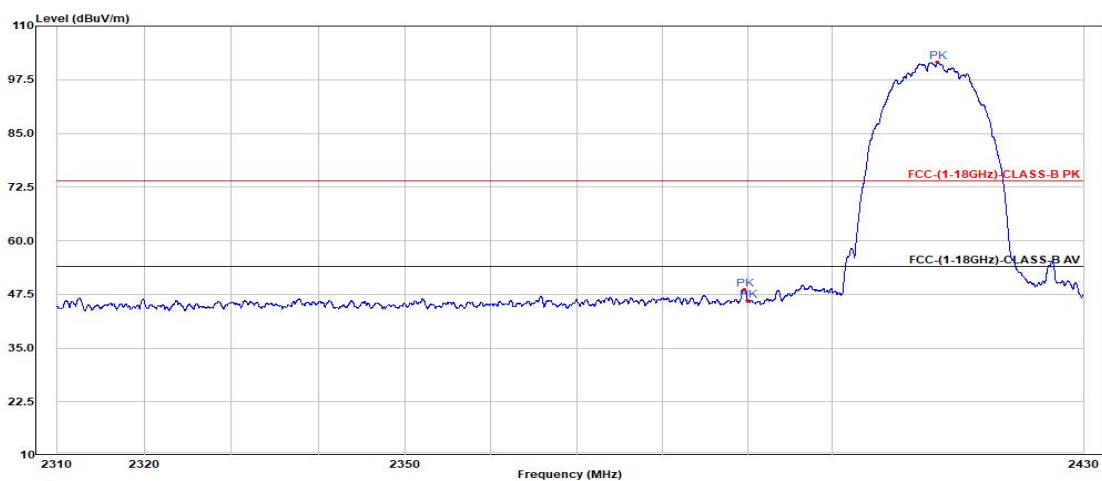
Test Graphs:

11B-2412-H



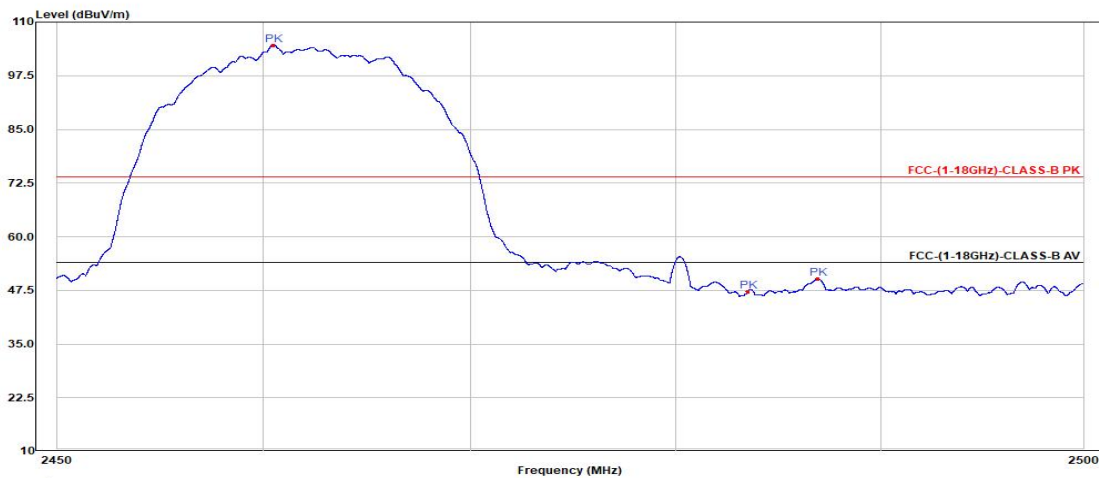
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2387.610	33.98	13.67	47.65	74.00	26.35	Peak	100	213
2	2389.995	33.98	12.64	46.63	74.00	27.37	Peak	100	0
3	2412.330	33.99	69.35	103.35	74.00	N/A	Peak	100	0

11B-2412-V



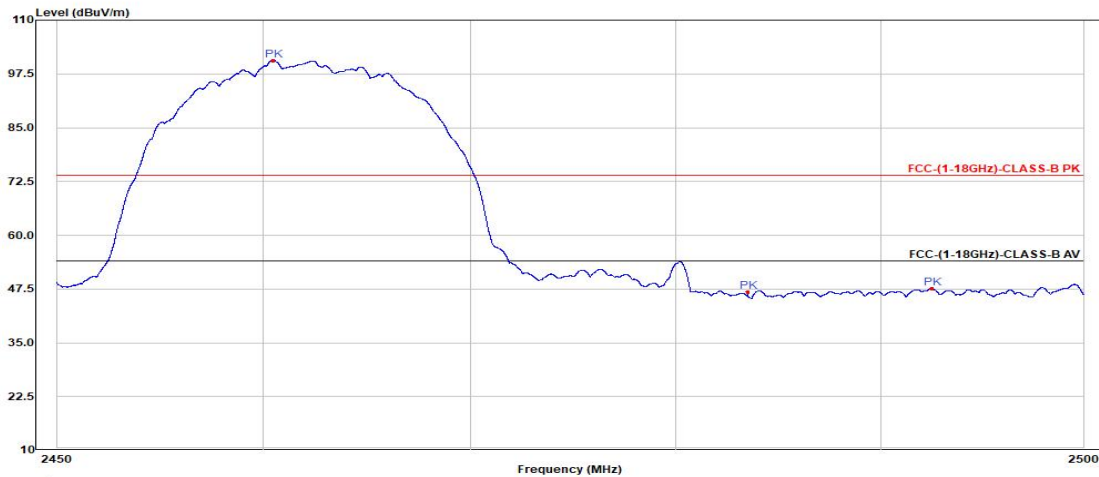
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.605	33.98	14.71	48.69	74.00	25.31	Peak	100	41
2	2389.995	33.98	12.08	46.06	74.00	27.94	Peak	200	79
3	2412.525	33.99	67.71	101.70	74.00	N/A	Peak	150	0

11B-2462-H



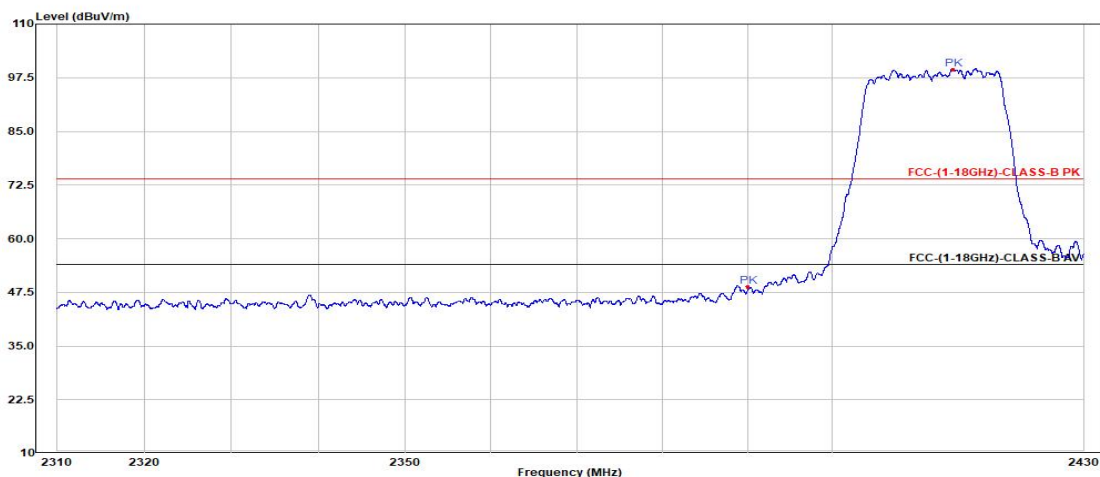
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2460.475	34.20	70.41	104.61	74.00	N/A	Peak	150	41
2	2483.500	34.27	12.95	47.22	74.00	26.78	Peak	100	360
3	2486.950	34.29	15.85	50.14	74.00	23.86	Peak	150	0

11B-2462-V



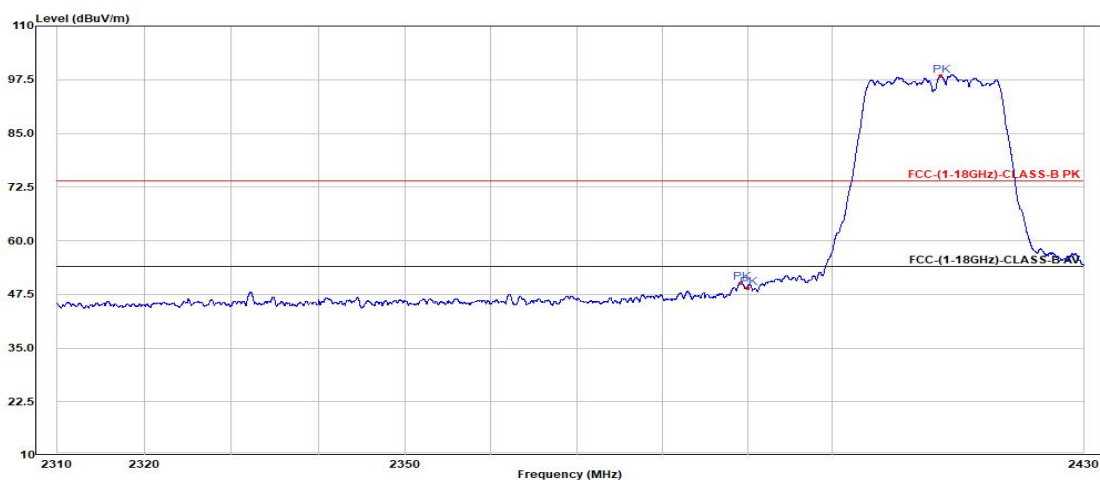
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2460.450	34.20	66.50	100.70	74.00	N/A	Peak	100	41
2	2483.500	34.27	12.53	46.80	74.00	27.20	Peak	150	125
3	2492.500	34.33	13.26	47.58	74.00	26.42	Peak	150	42

11G-2412-H



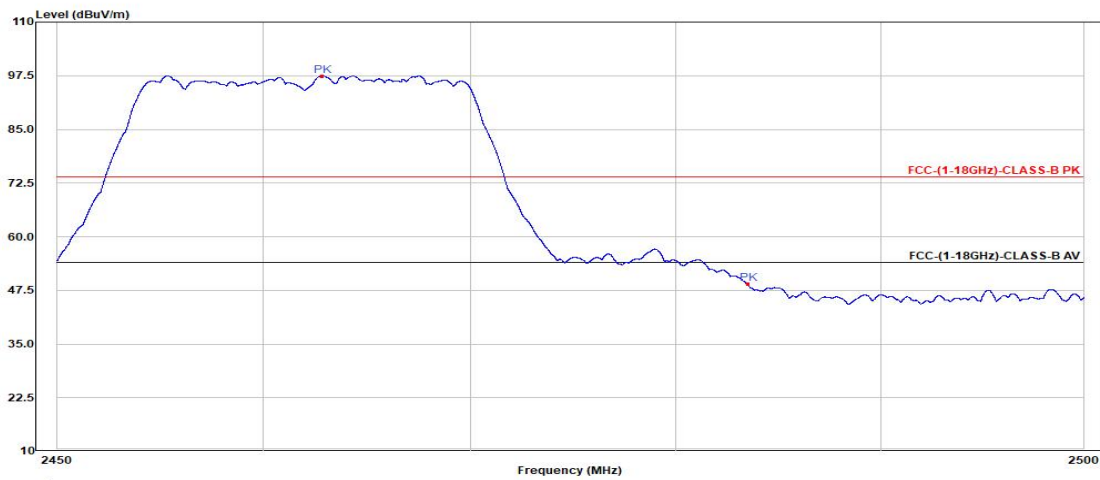
Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.995	33.98	14.81	48.80	74.00	25.20	Peak	100	89
2	2414.325	33.99	65.49	99.48	74.00	N/A	Peak	100	254

11G-2412-V



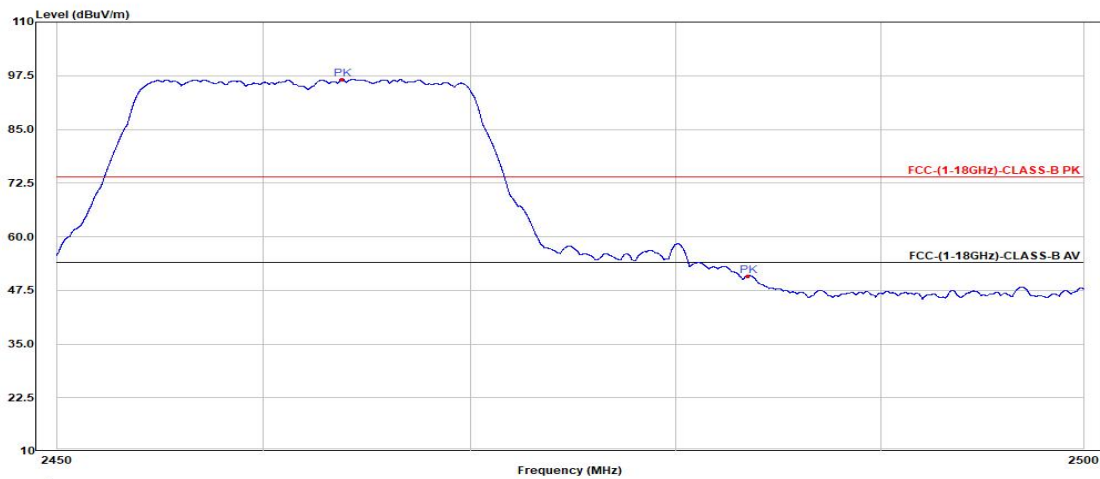
Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.260	33.98	16.31	50.29	74.00	23.71	Peak	100	67
2	2389.995	33.98	15.10	49.09	74.00	24.91	Peak	150	196
3	2412.840	33.99	64.40	98.39	74.00	N/A	Peak	150	33

11G-2462-H



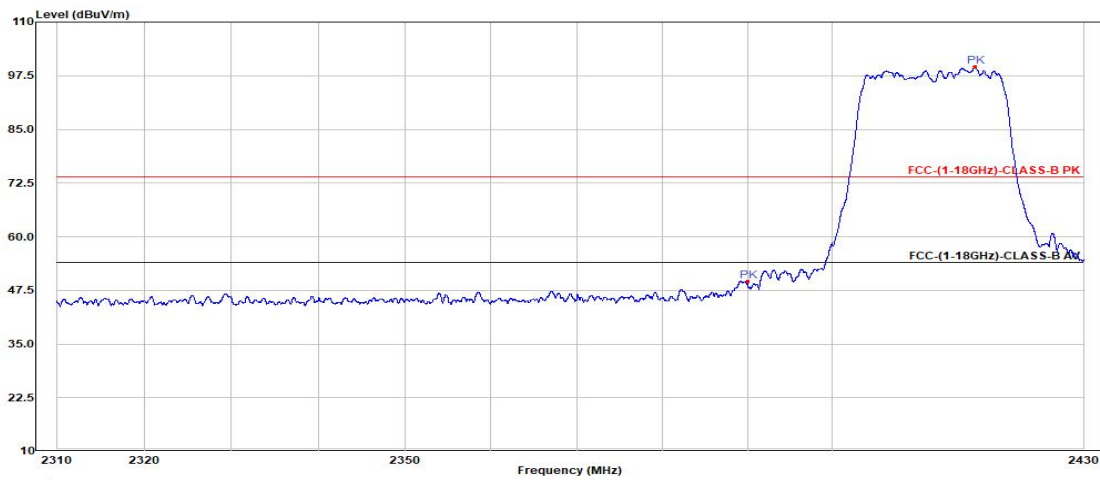
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2462.825	34.20	63.26	97.46	74.00	N/A	Peak	150	357
2	2483.500	34.27	14.76	49.03	74.00	24.97	Peak	100	3

11G-2462-V



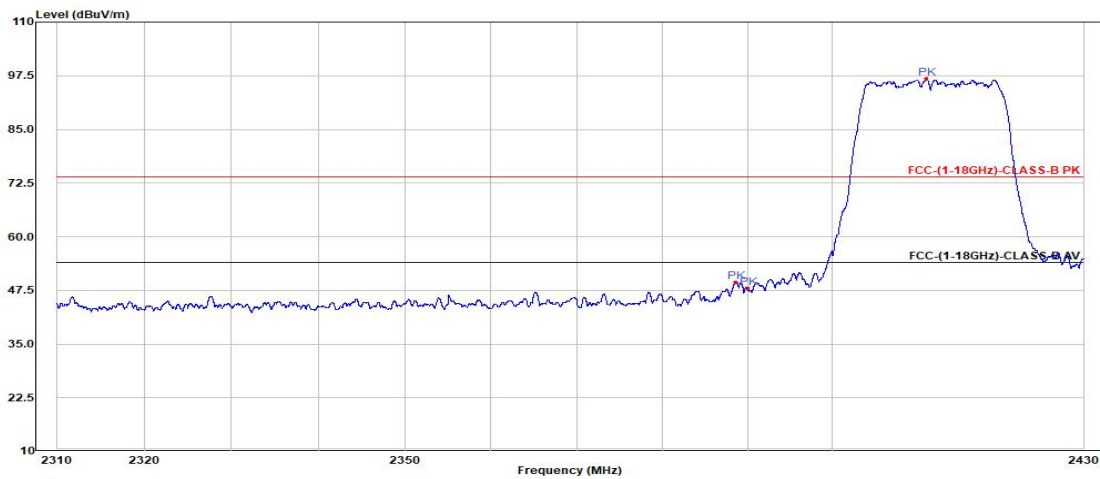
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2463.806	34.20	62.45	96.65	74.00	N/A	Peak	150	128
2	2483.500	34.27	16.58	50.84	74.00	23.16	Peak	150	128

11N20-2412-H



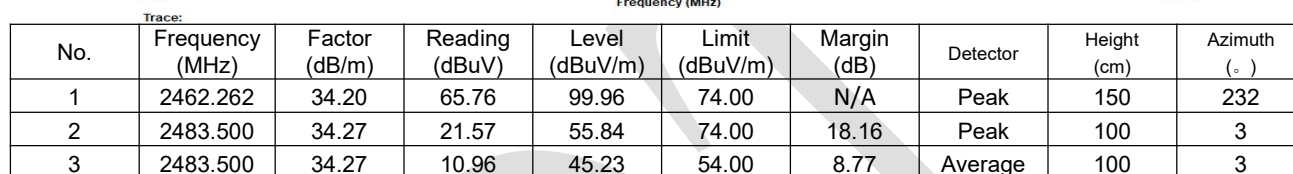
Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.995	33.98	15.68	49.66	74.00	24.34	Peak	100	88
2	2416.920	33.99	65.57	99.56	74.00	N/A	Peak	150	269

11N20-2412-V

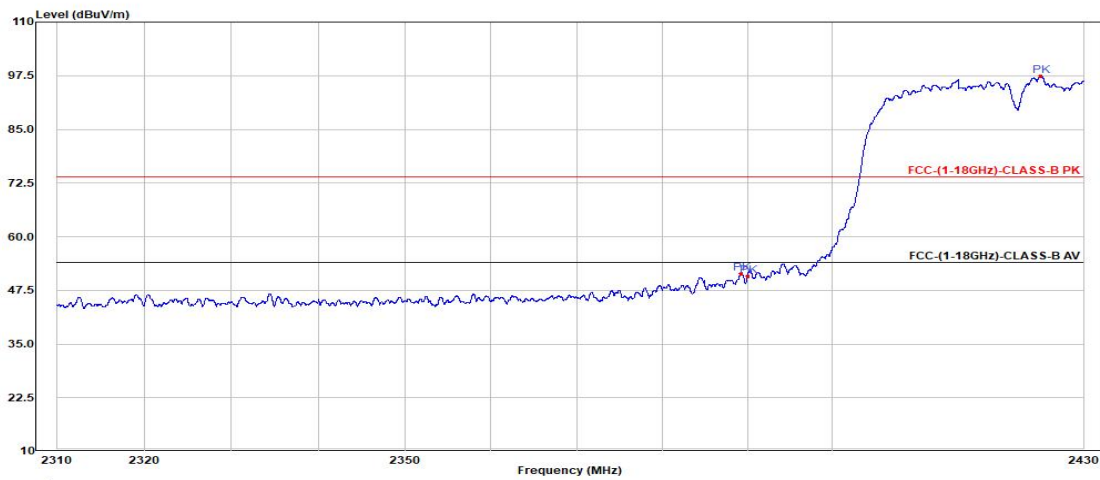


Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2388.660	33.98	15.53	49.51	74.00	24.49	Peak	150	115
2	2389.995	33.98	13.99	47.98	74.00	26.02	Peak	100	358
3	2411.175	33.99	62.82	96.81	74.00	N/A	Peak	100	115

11N20-2462-H

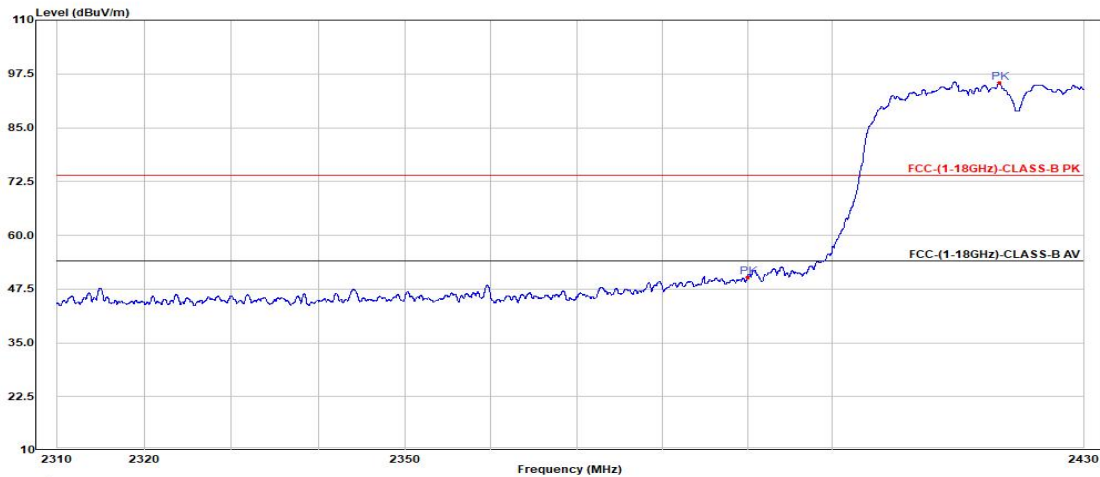


Trace:		Frequency (MHz)								
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)	
1	2461.131	34.20	61.47	95.67	74.00	N/A	Peak	150	137	
2	2483.500	34.27	16.09	50.35	74.00	23.65	Peak	150	127	



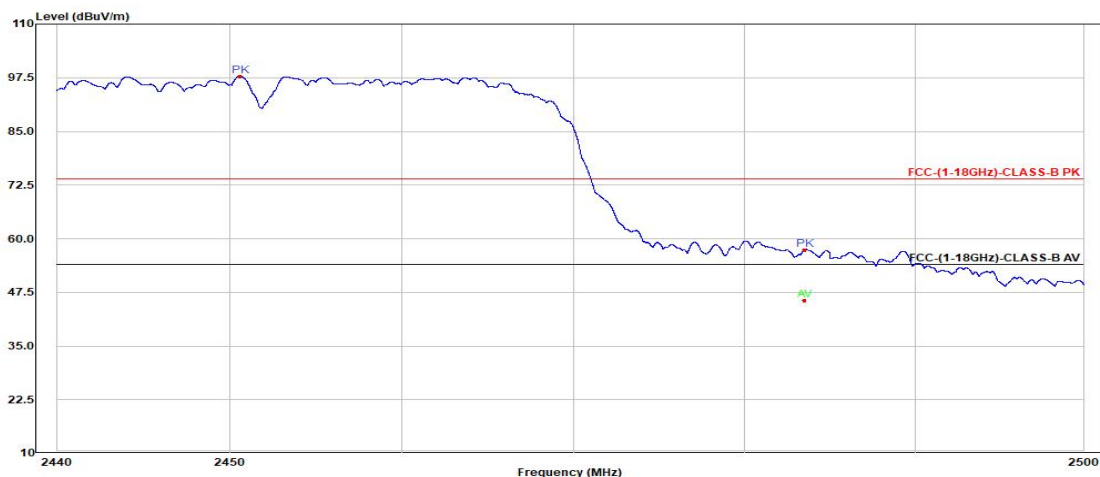
Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.290	33.98	17.44	51.42	74.00	22.58	Peak	150	99
2	2389.995	33.98	16.85	50.83	74.00	23.17	Peak	100	360
3	2424.810	33.98	63.45	97.44	74.00	N/A	Peak	150	360

11N40-2422-V



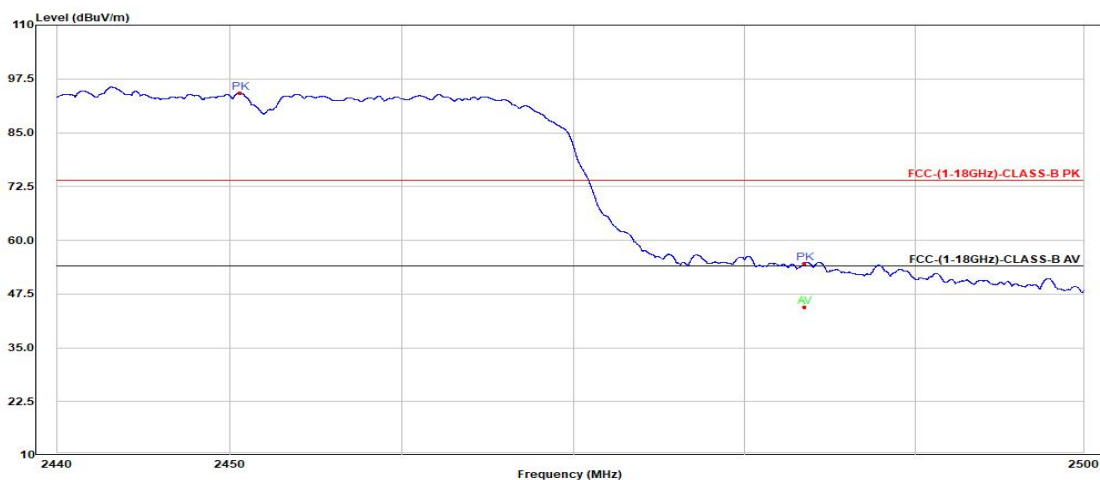
Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2389.995	33.98	16.25	50.23	74.00	23.77	Peak	100	128
2	2419.830	33.99	61.49	95.47	74.00	N/A	Peak	150	68

11N40-2452-H



Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2450.613	34.20	63.67	97.87	74.00	N/A	Peak	100	222
2	2483.500	34.27	23.07	57.34	74.00	16.66	Peak	100	252
3	2483.500	34.27	11.35	45.62	54.00	8.38	Average	100	252

11N40-2452-V



Trace:									
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (°)
1	2450.590	34.20	60.01	94.21	74.00	N/A	Peak	100	226
2	2483.500	34.27	20.28	54.55	74.00	19.45	Peak	150	125
3	2483.500	34.27	10.12	44.39	54.00	9.61	Average	150	125



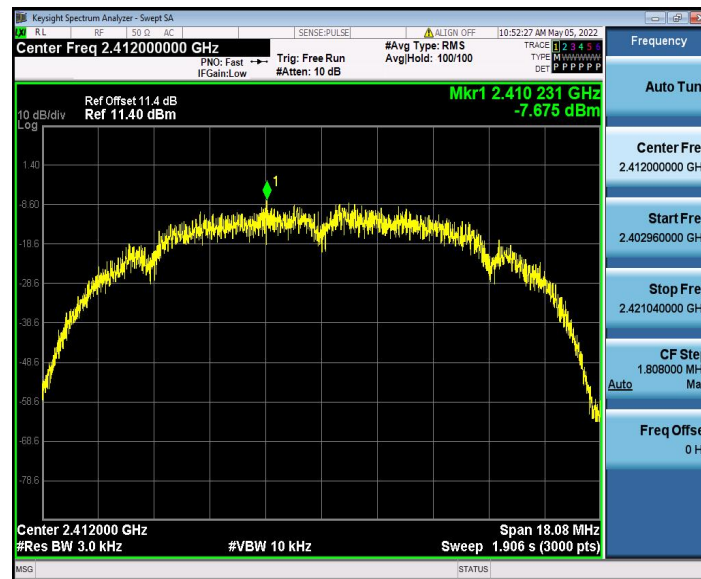
A.8 Power Spectral Density

Test Result:

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.68	<=8	PASS
		2437	-8.94	<=8	PASS
		2462	-10.2	<=8	PASS
11G	Ant1	2412	-13.05	<=8	PASS
		2437	-13.72	<=8	PASS
		2462	-14.97	<=8	PASS
11N20SISO	Ant1	2412	-12.92	<=8	PASS
		2437	-13.42	<=8	PASS
		2462	-15.08	<=8	PASS
11N40SISO	Ant1	2422	-17.93	<=8	PASS
		2437	-16.31	<=8	PASS
		2452	-17.03	<=8	PASS



Test Graphs



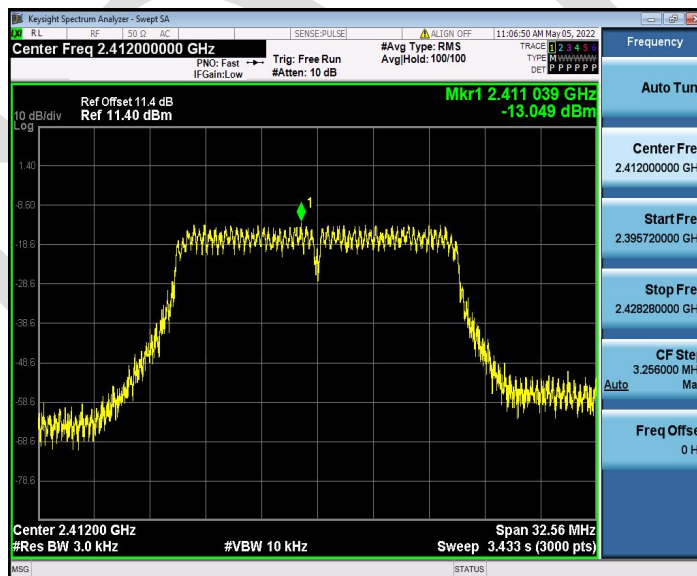
11B 2412



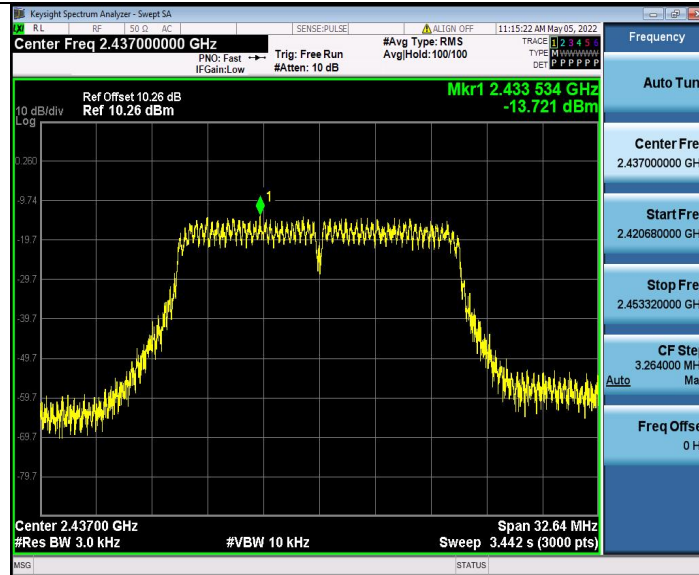
11B 2437



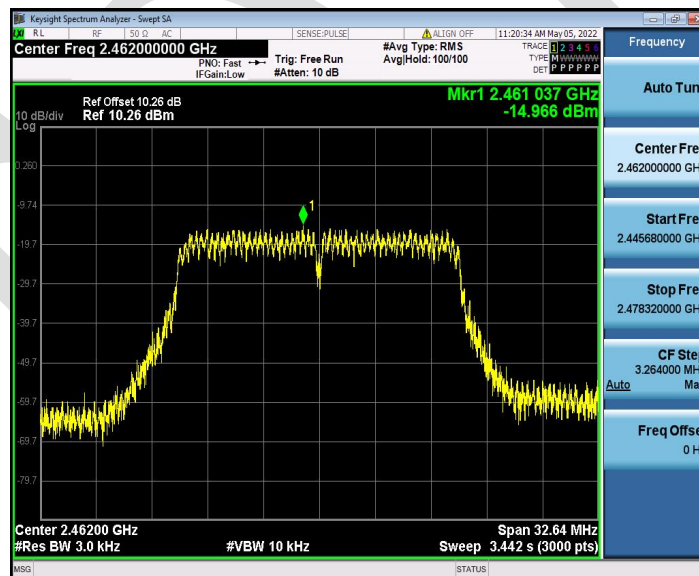
11B 2462



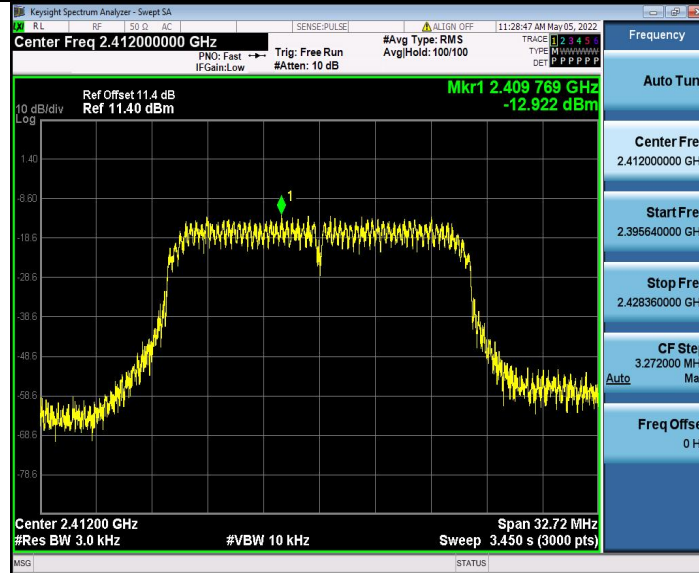
11G 2412



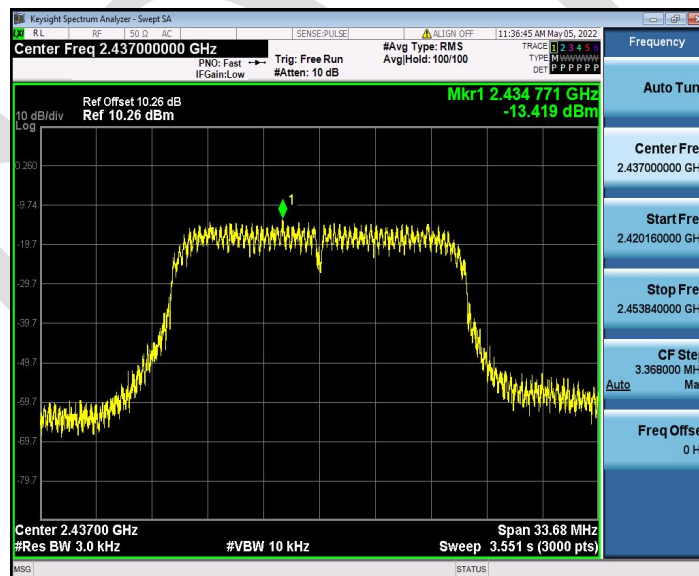
11G 2437



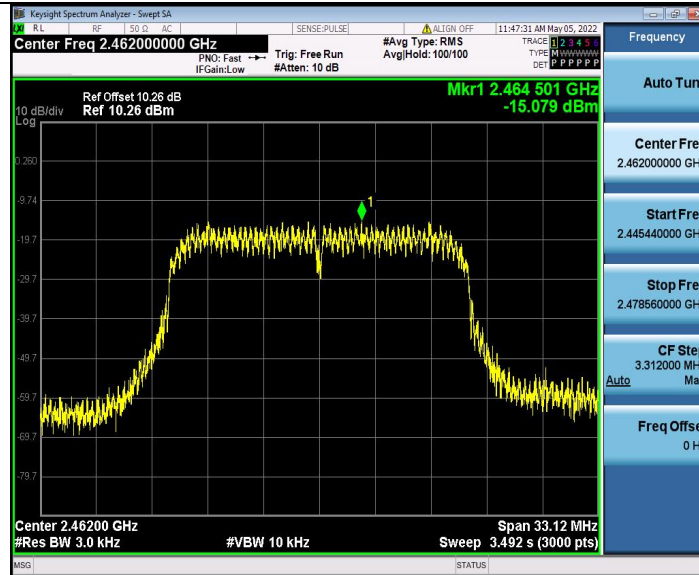
11G 2462



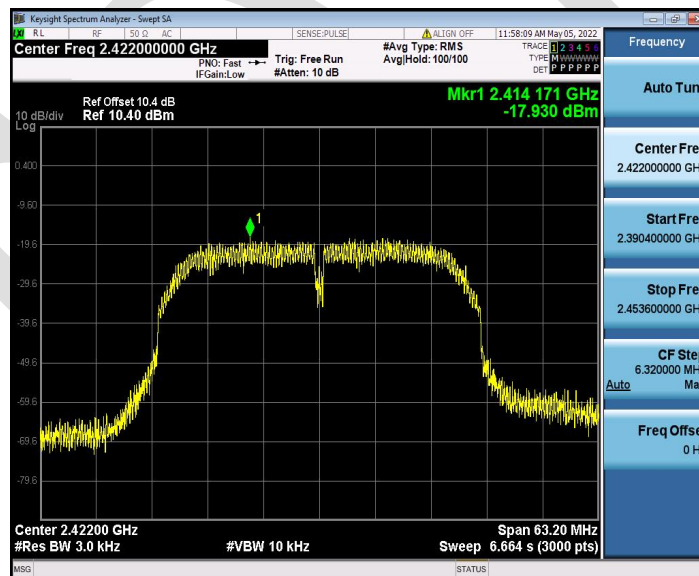
11N20 2412



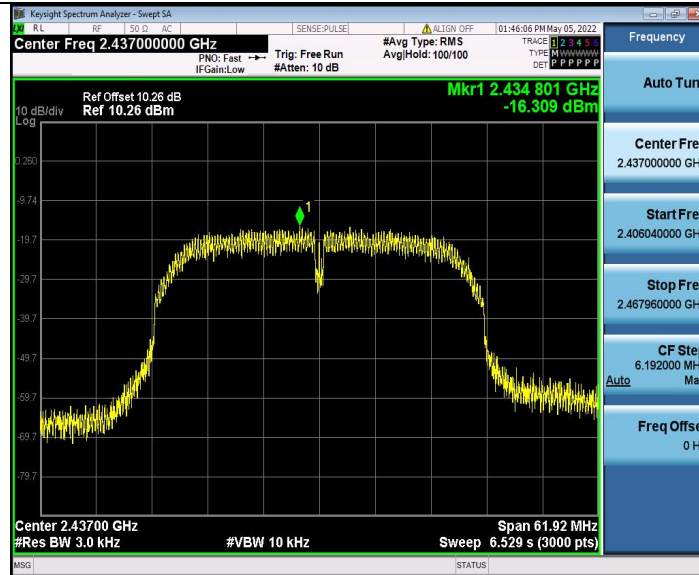
11N20 2437



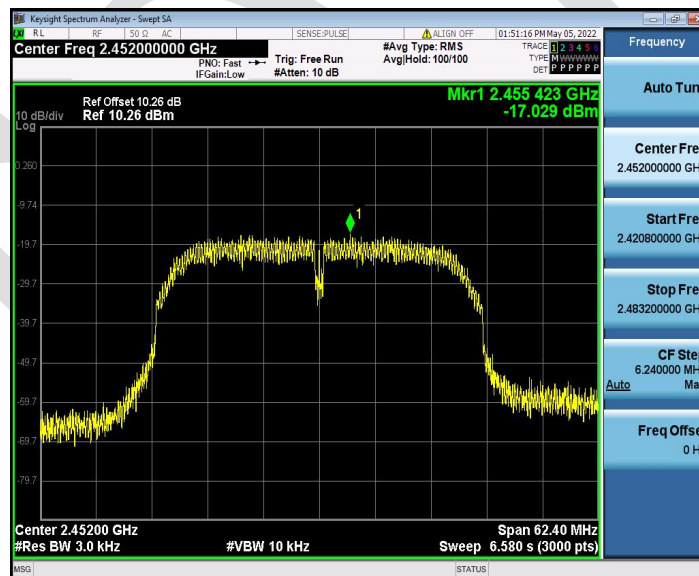
11N20 2462



11N40 2422



11N40 2437



11N40 2452



Annex B Test Setup Photograph

Please refer the document “RZBG(W)20220421003-2 RF Test Setup Photos”pdf

Annex C EUT Internal Photograph

Please refer the document “RZBG(W) 20220421003-3 EUT Internal Photos”pdf

Annex D EUT External Photograph

Please refer the document “RZBG(W) 20220421003-6 EUT External Photos”pdf



Annex E Revision History

Version	Issue Date	Revisions Content
Rev.01	May.18.2022	Initial Issue
Rev.02	Jun.01.2022	Revised the test report to address TCB's comments.
Rev.03	Jun.07.2022	Modify address and test program.
Rev.04	Jun.07.2022	Modify the address on the third page.

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