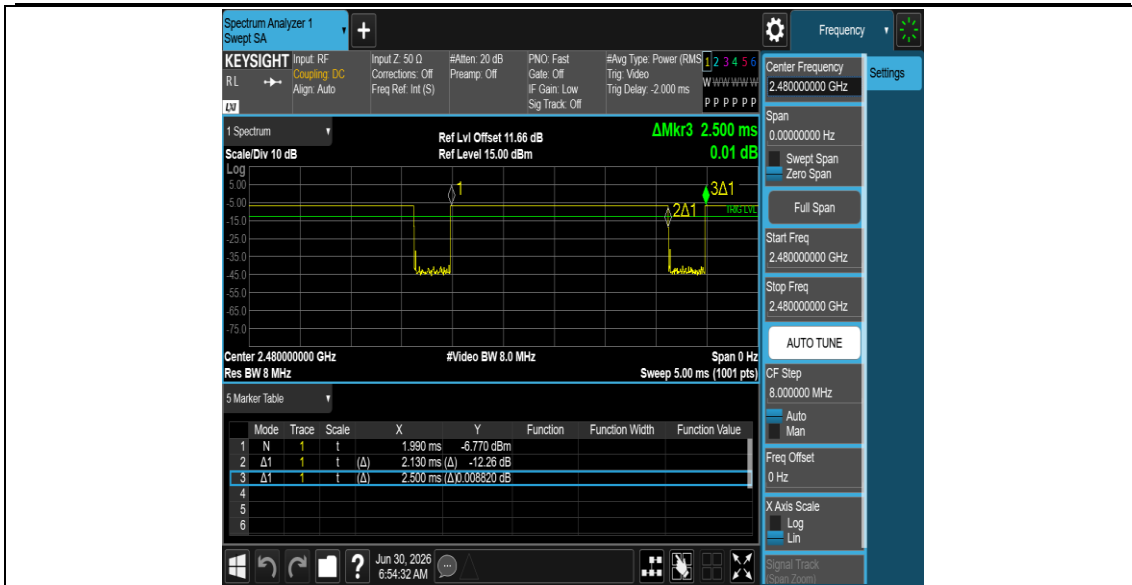
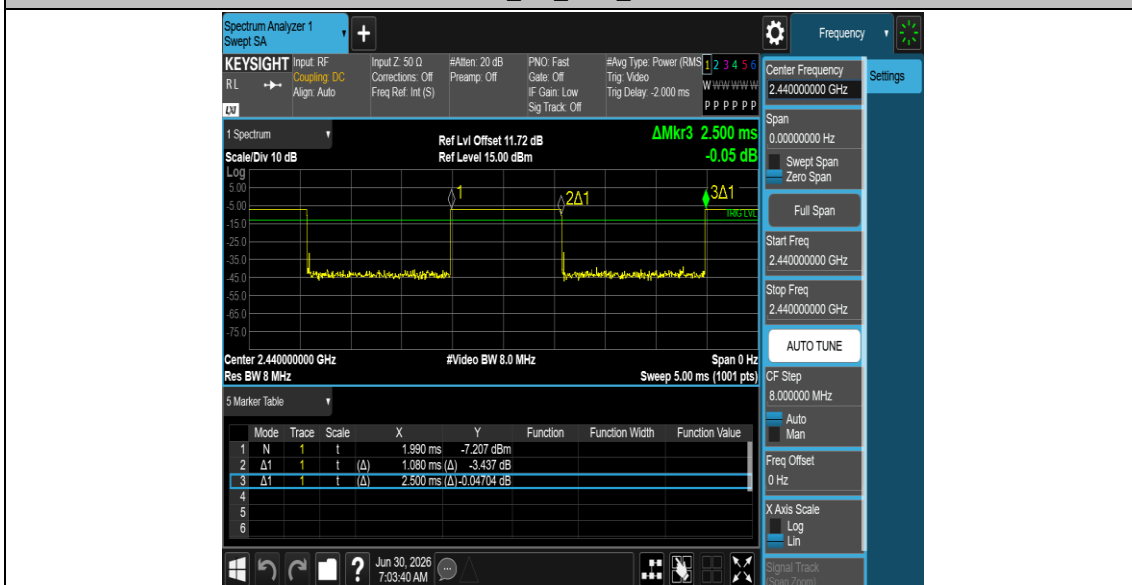
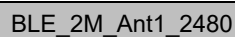


Test Graphs



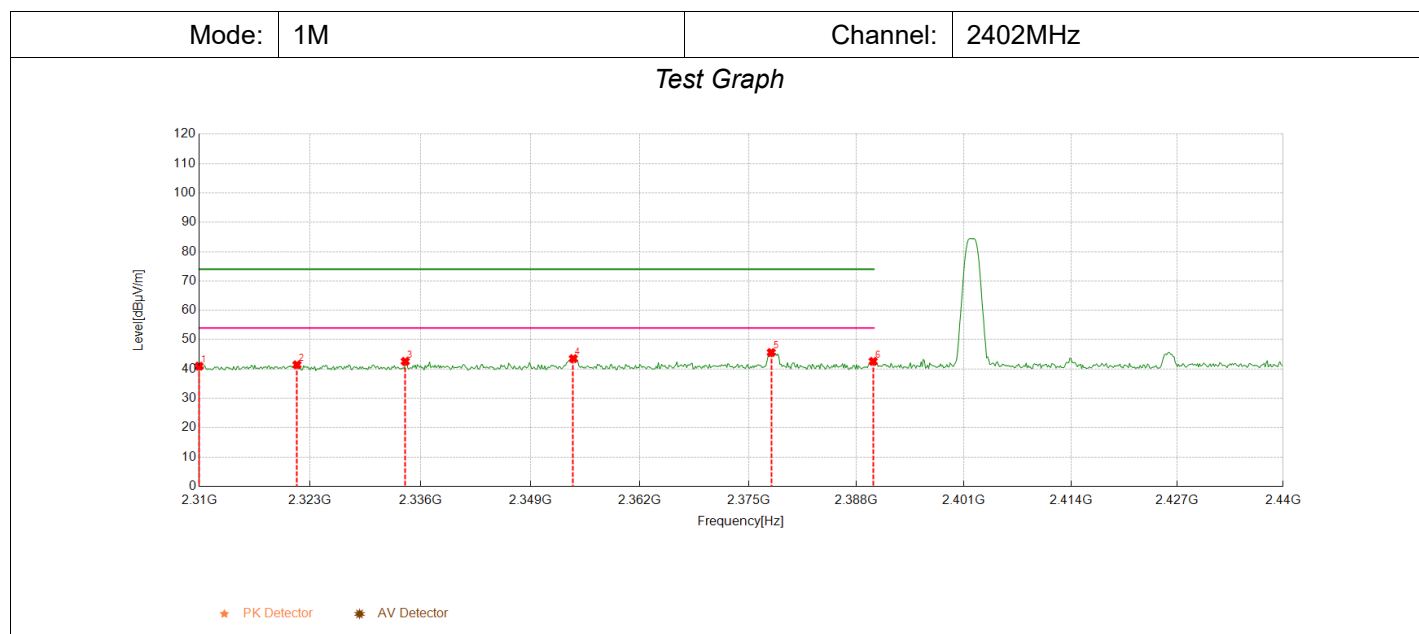

BLE_1M_Ant1_2480

BLE_2M_Ant1_2402




Appendix H: Emissions in Restricted Bands

Test Result



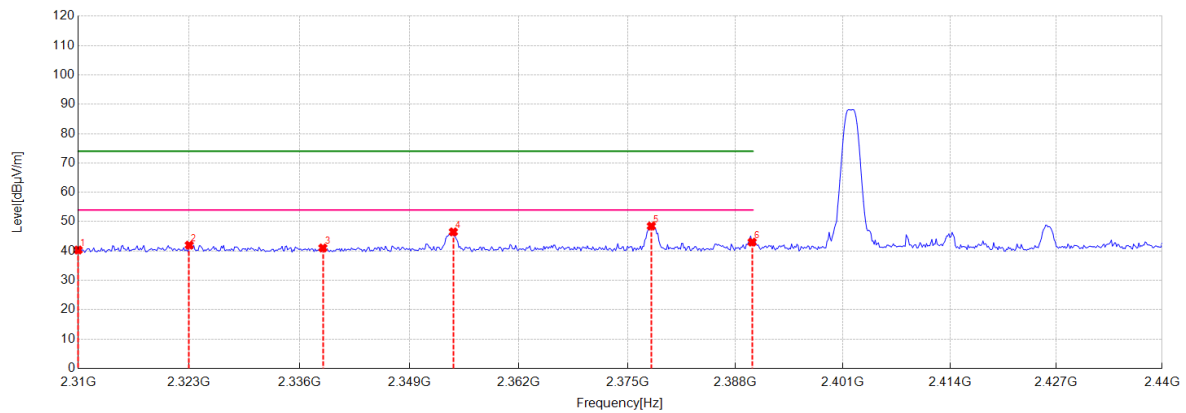
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	38.29	40.96	2.67	74.00	33.04	150	180	PK	Vertical	PASS
2	2321.4400	38.54	41.44	2.90	74.00	32.56	150	237	PK	Vertical	PASS
3	2334.1800	39.80	42.59	2.79	74.00	31.41	150	272	PK	Vertical	PASS
4	2354.0700	40.57	43.54	2.97	74.00	30.46	150	22	PK	Vertical	PASS
5	2377.7300	42.55	45.63	3.08	74.00	28.37	150	48	PK	Vertical	PASS
6	2390.0000	39.65	42.60	2.95	74.00	31.40	150	185	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2402MHz

Test Graph

Suspected Data List

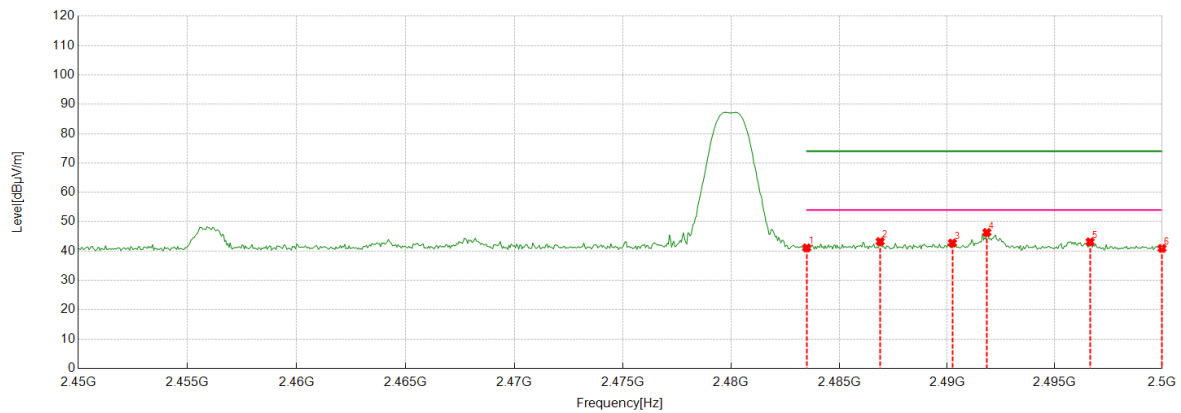
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	37.67	40.34	2.67	74.00	33.66	150	158	PK	Horizontal	PASS
2	2323.0000	39.12	41.99	2.87	74.00	32.01	150	94	PK	Horizontal	PASS
3	2338.7300	38.21	41.04	2.83	74.00	32.96	150	160	PK	Horizontal	PASS
4	2354.2000	43.54	46.51	2.97	74.00	27.49	150	14	PK	Horizontal	PASS
5	2377.8600	45.42	48.50	3.08	74.00	25.50	150	226	PK	Horizontal	PASS
6	2390.0000	40.07	43.02	2.95	74.00	30.98	150	205	PK	Horizontal	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Mode: 1M

Channel: 2480MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

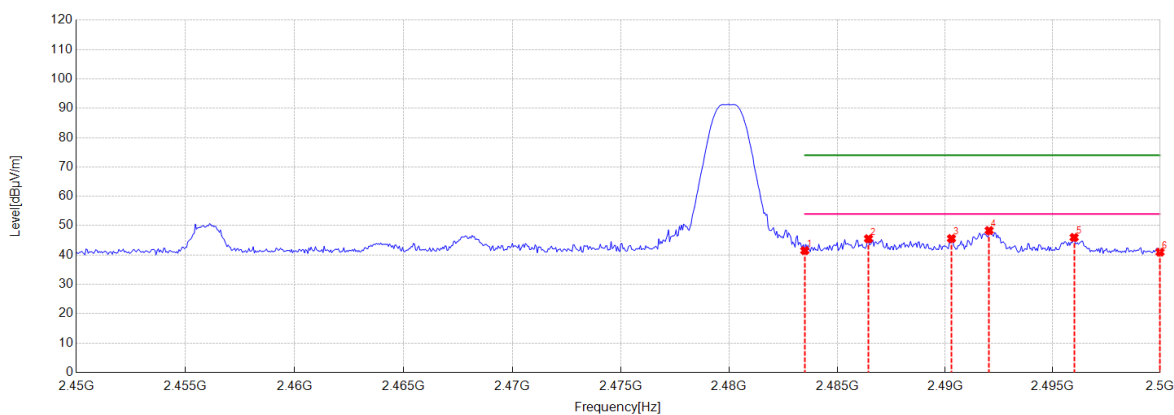
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.60	41.06	3.46	74.00	32.94	150	322	PK	Vertical	PASS
2	2486.9000	39.69	43.22	3.53	74.00	30.78	150	64	PK	Vertical	PASS
3	2490.2500	39.16	42.72	3.56	74.00	31.28	150	95	PK	Vertical	PASS
4	2491.8500	42.76	46.32	3.56	74.00	27.68	150	54	PK	Vertical	PASS
5	2496.6500	39.55	43.13	3.58	74.00	30.87	150	61	PK	Vertical	PASS
6	2500.0000	37.40	40.90	3.50	74.00	33.10	150	4	PK	Vertical	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Mode: 1M

Channel: 2480MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	38.03	41.49	3.46	74.00	32.51	150	259	PK	Horizontal	PASS
2	2486.4500	42.06	45.56	3.50	74.00	28.44	150	227	PK	Horizontal	PASS
3	2490.3000	42.06	45.62	3.56	74.00	28.38	150	227	PK	Horizontal	PASS
4	2492.0500	44.80	48.36	3.56	74.00	25.64	150	188	PK	Horizontal	PASS
5	2496.0000	42.43	45.99	3.56	74.00	28.01	150	224	PK	Horizontal	PASS
6	2500.0000	37.47	40.97	3.50	74.00	33.03	150	200	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Appendix I: Spurious emissions

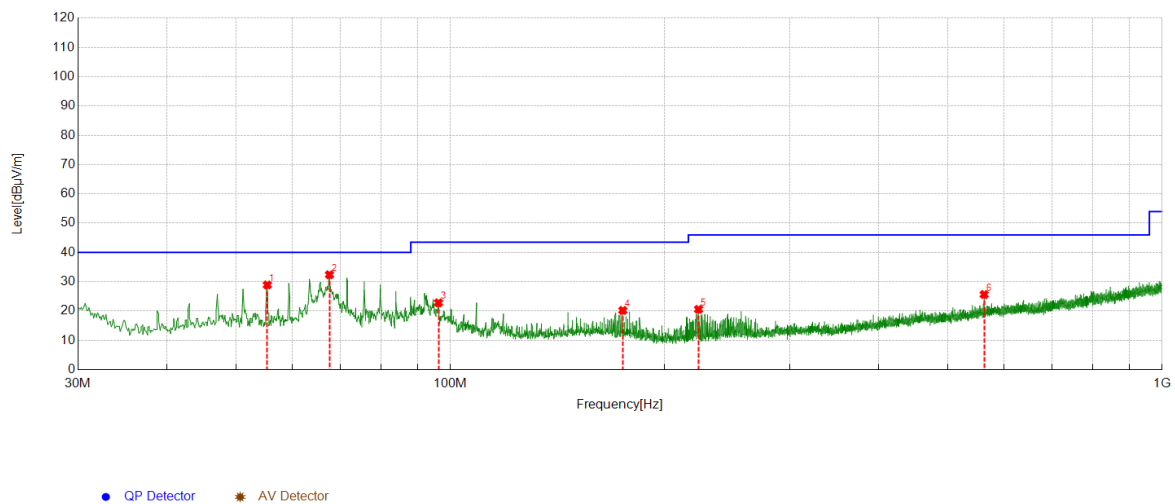
Test Result

Note:

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels. The test data of the worst-case (1M-2402MHz) condition was recorded in this report. The measurement results above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz are reported.

Test Graph



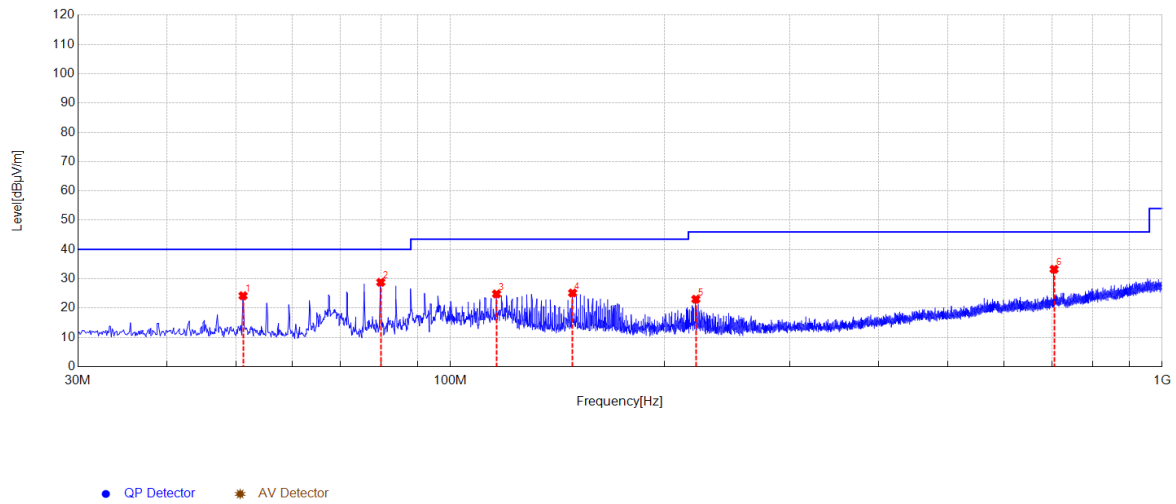
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	55.3195	45.45	28.93	-16.52	40.00	11.07	150	159	PK	Vertical	PASS
2	67.6398	50.05	32.41	-17.64	40.00	7.59	150	175	PK	Vertical	PASS
3	96.2576	42.73	22.83	-19.90	43.50	20.67	150	141	PK	Vertical	PASS
4	174.7385	37.12	20.23	-16.89	43.50	23.27	150	115	PK	Vertical	PASS
5	223.2433	39.72	20.58	-19.14	46.00	25.42	150	52	PK	Vertical	PASS
6	562.4862	35.27	25.66	-9.61	46.00	20.34	150	62	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Test Graph



Suspected Data List

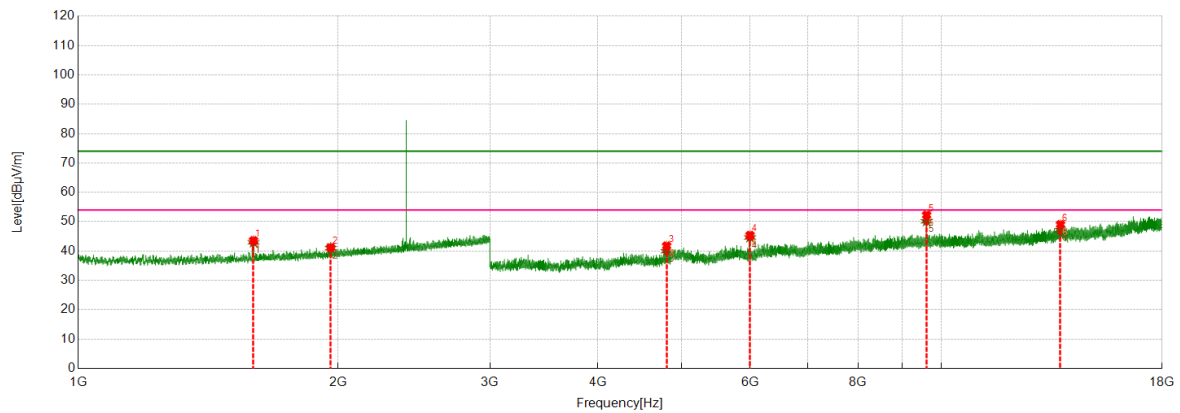
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	51.1481	40.42	24.20	-16.22	40.00	15.80	150	356	PK	Horizontal	PASS
2	79.8630	48.55	28.80	-19.75	40.00	11.20	150	117	PK	Horizontal	PASS
3	116.1446	42.82	24.82	-18.00	43.50	18.68	150	102	PK	Horizontal	PASS
4	148.5459	41.27	25.16	-16.11	43.50	18.34	150	44	PK	Horizontal	PASS
5	221.3031	42.14	23.01	-19.13	46.00	22.99	150	269	PK	Horizontal	PASS
6	705.2845	40.86	33.25	-7.61	46.00	12.75	150	234	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2402MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

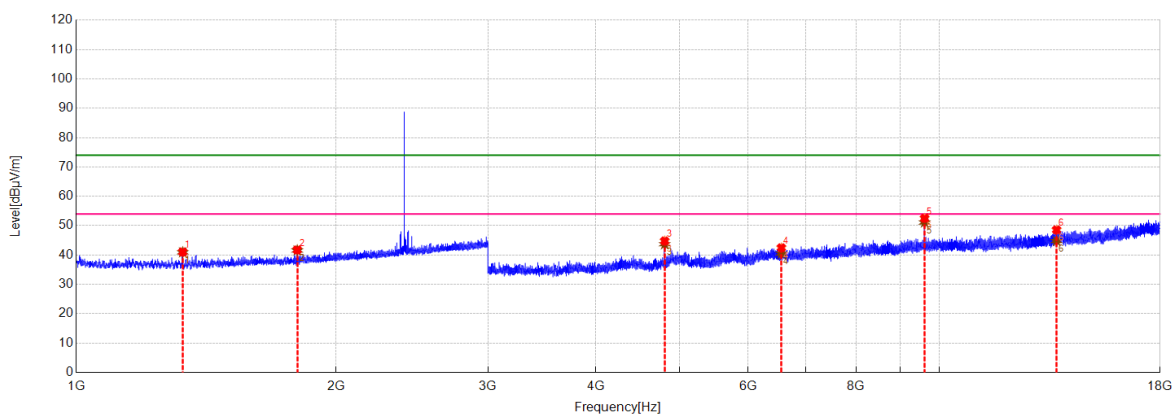
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1596.4000	43.24	43.57	0.33	74.00	30.43	150	125	PK	Vertical	PASS
2	1961.2000	39.37	41.14	1.77	74.00	32.86	150	130	PK	Vertical	PASS
3	4803.5000	56.32	41.76	-14.56	74.00	32.24	150	294	PK	Vertical	PASS
4	5999.5000	56.99	45.37	-11.62	74.00	28.63	150	25	PK	Vertical	PASS
5	9608.0000	57.33	52.26	-5.07	74.00	21.74	150	270	PK	Vertical	PASS
6	13730.000	48.75	49.05	0.30	74.00	24.95	150	128	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2402MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

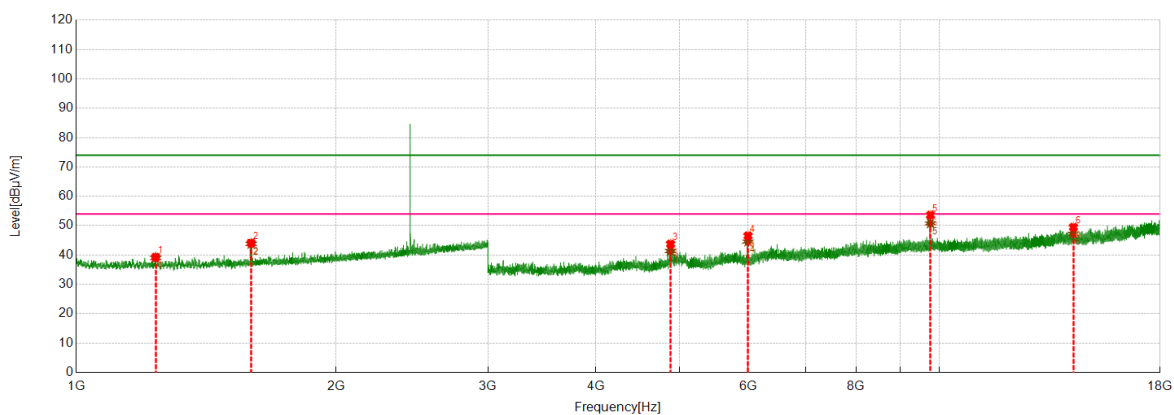
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1328.8000	41.63	41.06	-0.57	74.00	32.94	150	205	PK	Horizontal	PASS
2	1803.2000	40.71	41.73	1.02	74.00	32.27	150	170	PK	Horizontal	PASS
3	4804.0000	59.34	44.81	-14.53	74.00	29.19	150	103	PK	Horizontal	PASS
4	6557.5000	52.89	42.47	-10.42	74.00	31.53	150	356	PK	Horizontal	PASS
5	9607.5000	57.59	52.52	-5.07	74.00	21.48	150	156	PK	Horizontal	PASS
6	13661.000	47.29	48.58	1.29	74.00	25.42	150	95	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2440MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

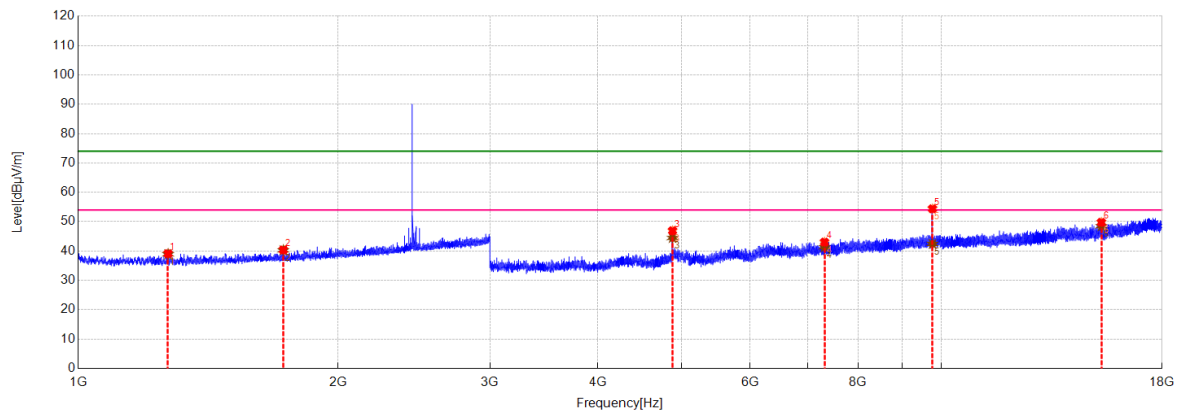
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1236.4000	39.69	39.24	-0.45	74.00	34.76	150	166	PK	Vertical	PASS
2	1595.0000	43.71	44.04	0.33	74.00	29.96	150	190	PK	Vertical	PASS
3	4880.0000	57.81	43.74	-14.07	74.00	30.26	150	294	PK	Vertical	PASS
4	5999.5000	58.17	46.55	-11.62	74.00	27.45	150	5	PK	Vertical	PASS
5	9760.0000	58.19	53.60	-4.59	74.00	20.40	150	264	PK	Vertical	PASS
6	14288.500	47.97	49.47	1.50	74.00	24.53	150	194	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2440MHz

Test Graph


★ PK Detector ★ AV Detector

Final Data List

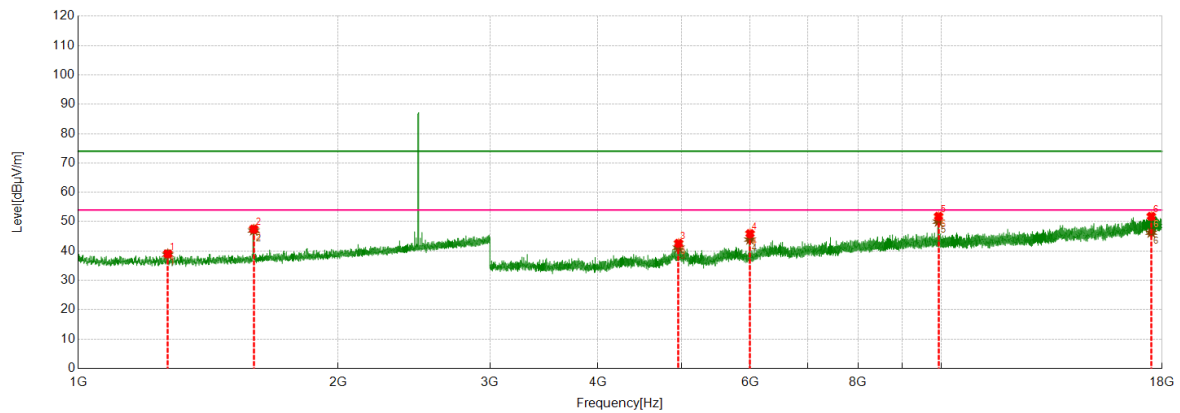
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1271.0000	-0.45	39.57	39.12	74.00	34.88	39.31	38.86	54.00	15.14	150	228	Horizontal	PASS
2	1728.2000	0.65	39.71	40.36	74.00	33.64	39.57	40.22	54.00	13.78	150	120	Horizontal	PASS
3	4879.5000	-14.09	61	46.91	74.00	27.09	58.54	44.45	54.00	9.55	150	317	Horizontal	PASS
4	7318.0000	-9.24	52.27	43.03	74.00	30.97	50.52	41.28	54.00	12.72	150	178	Horizontal	PASS
5	9759.5000	-4.59	58.98	54.39	74.00	19.61	46.99	42.40	54.00	11.60	150	132	Horizontal	PASS
6	15311.000	2.63	47.16	49.79	74.00	24.21	45.83	48.46	54.00	5.54	150	156	Horizontal	PASS

Note: (1) Level = Reading + Factor

(2) Margin = Limit - Level

Mode: 1M

Channel: 2480MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

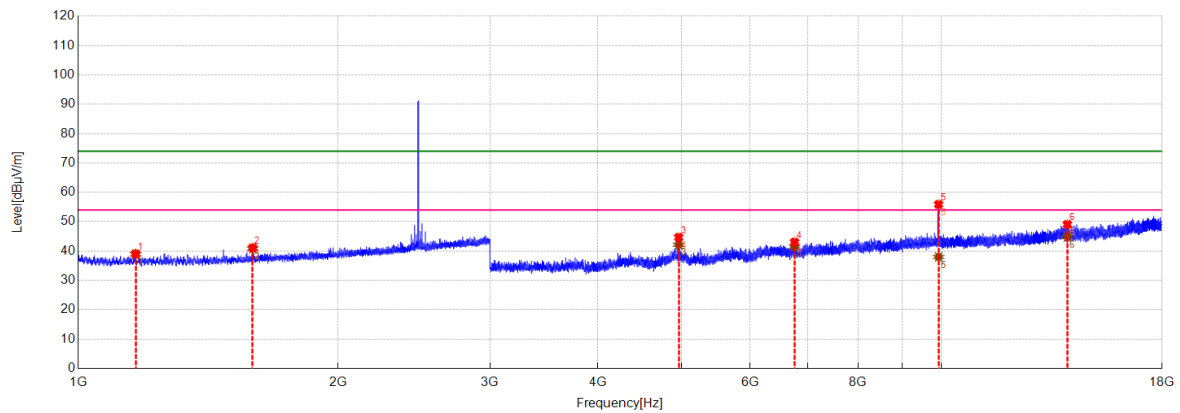
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1270.2000	39.51	39.05	-0.46	74.00	34.95	150	44	PK	Vertical	PASS
2	1597.2000	47.15	47.48	0.33	74.00	26.52	150	94	PK	Vertical	PASS
3	4959.5000	57.43	42.64	-14.79	74.00	31.36	150	279	PK	Vertical	PASS
4	5999.5000	57.56	45.94	-11.62	74.00	28.06	150	21	PK	Vertical	PASS
5	9919.5000	56.12	51.83	-4.29	74.00	22.17	150	263	PK	Vertical	PASS
6	17493.000	47.39	51.83	4.44	74.00	22.17	150	217	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: 1M

Channel: 2480MHz

Test Graph

Final Data List

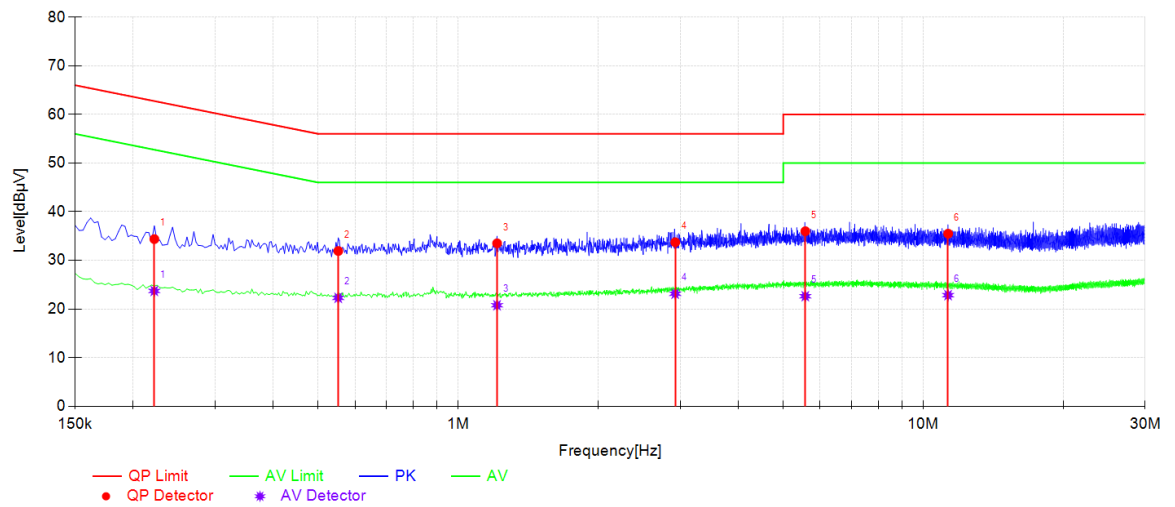
NO.	Frequency [MHz]	Factor [dB]	PK Reading [dBμV/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1165.8000	-0.18	39.21	39.03	74.00	34.97	39.02	38.84	54.00	15.16	150	10	Horizontal	PASS
2	1593.0000	0.32	40.73	41.05	74.00	32.95	40.47	40.79	54.00	13.21	150	107	Horizontal	PASS
3	4960.0000	-14.84	59.52	44.68	74.00	29.32	56.99	42.15	54.00	11.85	150	106	Horizontal	PASS
4	6756.5000	-9.28	52.34	43.06	74.00	30.94	50.70	41.42	54.00	12.58	150	122	Horizontal	PASS
5	9919.5000	-4.29	60.18	55.89	74.00	18.11	42.253	37.96	54.00	16.04	150	146	Horizontal	PASS
6	13984.500	1.20	47.87	49.07	74.00	24.93	43.55	44.75	54.00	9.25	150	114	Horizontal	PASS

Note: (1) Level = Reading + Factor

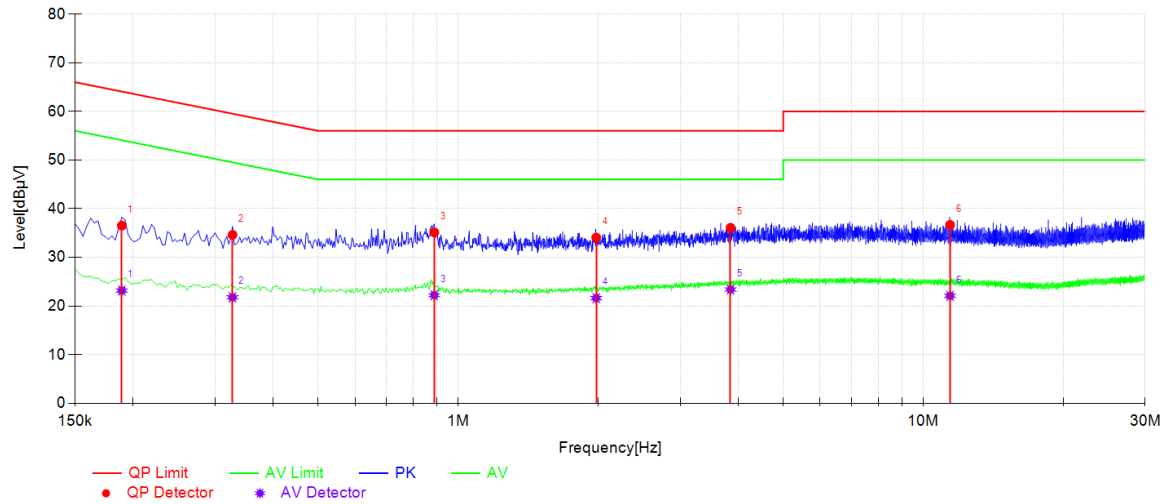
(2) Margin = Limit - Level

Appendix J: Conducted emission AC power port

Test Result



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.222	10.34	34.38	62.74	28.36	23.71	52.74	29.03	L1	PASS
2	0.552	10.25	31.93	56.00	24.07	22.30	46.00	23.70	L1	PASS
3	1.212	10.34	33.51	56.00	22.49	20.77	46.00	25.23	L1	PASS
4	2.928	10.29	33.73	56.00	22.27	23.14	46.00	22.86	L1	PASS
5	5.577	10.36	35.99	60.00	24.01	22.63	50.00	27.37	L1	PASS
6	11.311	10.47	35.49	60.00	24.51	22.84	50.00	27.16	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.189	10.35	36.54	64.08	27.54	23.18	54.08	30.90	N	PASS
2	0.327	10.31	34.64	59.53	24.89	21.78	49.53	27.75	N	PASS
3	0.888	10.26	35.13	56.00	20.87	22.23	46.00	23.77	N	PASS
4	1.98	10.38	34.07	56.00	21.93	21.62	46.00	24.38	N	PASS
5	3.852	10.40	36.08	56.00	19.92	23.40	46.00	22.60	N	PASS
6	11.419	10.50	36.68	60.00	23.32	22.09	50.00	27.91	N	PASS