

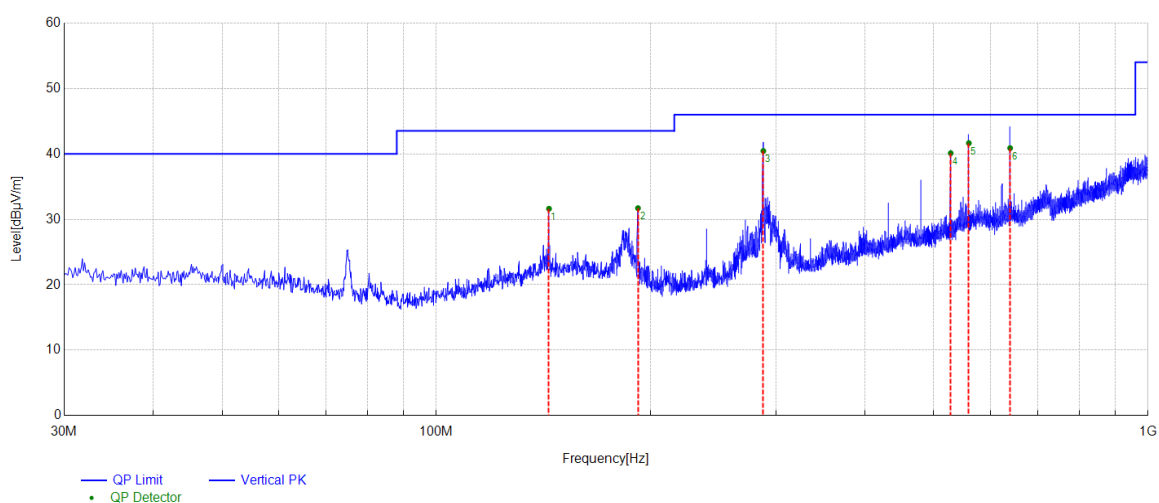
Appendix I: Spurious emissions

Test Result

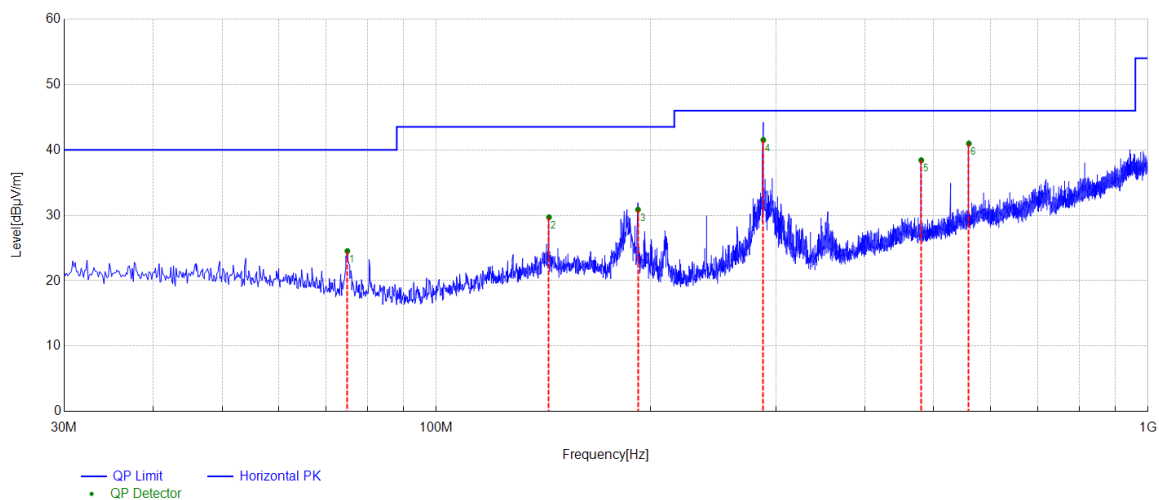
Note:

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 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.



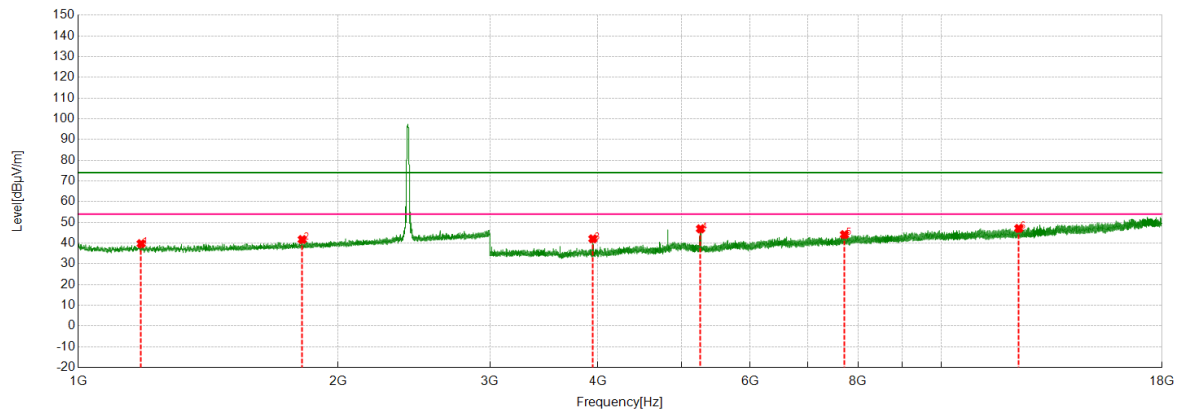
QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	143.9750	-16.26	31.63	43.50	11.87	100	246	Vertical	PASS
2	191.9900	-18.66	31.71	43.50	11.79	100	200	Vertical	PASS
3	288.0200	-16.49	40.45	46.00	5.55	200	104	Vertical	PASS
4	528.0950	-10.75	40.11	46.00	5.89	100	68	Vertical	PASS
5	559.9838	-9.75	41.65	46.00	4.35	200	123	Vertical	PASS
6	640.0088	-7.53	40.88	46.00	5.12	100.1	197	Vertical	PASS



QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	74.9838	-19.14	24.55	40.00	15.45	100	150	Horizontal	PASS
2	143.9750	-16.26	29.72	43.50	13.78	200	99	Horizontal	PASS
3	191.9900	-18.66	30.87	43.50	12.63	100	307	Horizontal	PASS
4	287.9950	-16.49	41.52	46.00	4.48	100	49	Horizontal	PASS
5	480.0800	-11.77	38.41	46.00	7.59	200	102	Horizontal	PASS
6	559.9838	-9.75	40.97	46.00	5.03	100	120	Horizontal	PASS

Mode: B

Channel: 2412 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

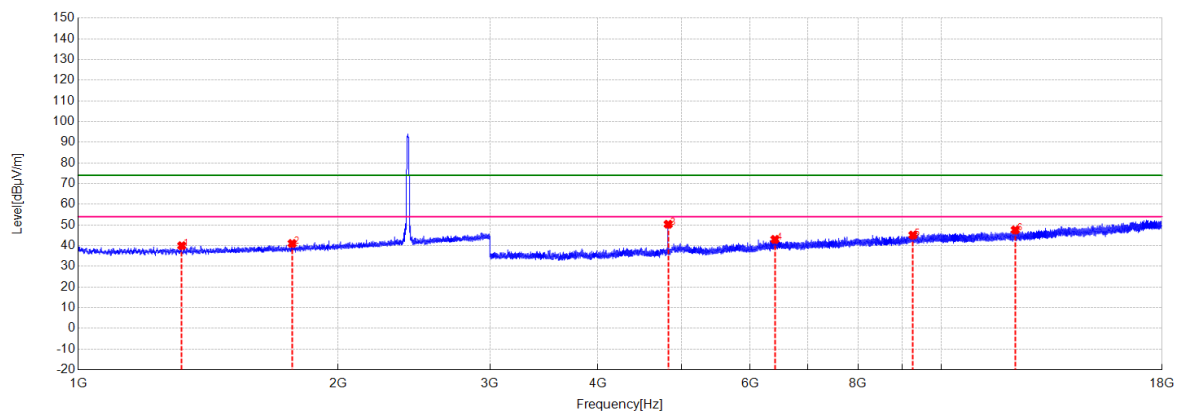
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1183.0000	40.05	39.74	-0.31	74.00	34.26	150	222	PK	Vertical	PASS
2	1817.8000	40.59	41.73	1.14	74.00	32.27	150	114	PK	Vertical	PASS
3	3946.0000	59.58	42.07	-17.51	74.00	31.93	150	124	PK	Vertical	PASS
4	5258.0000	60.19	46.91	-13.28	74.00	27.09	150	136	PK	Vertical	PASS
5	7717.0000	52.32	44.09	-8.23	74.00	29.91	150	186	PK	Vertical	PASS
6	12285.500	48.42	47.10	-1.32	74.00	26.90	150	312	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2412 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

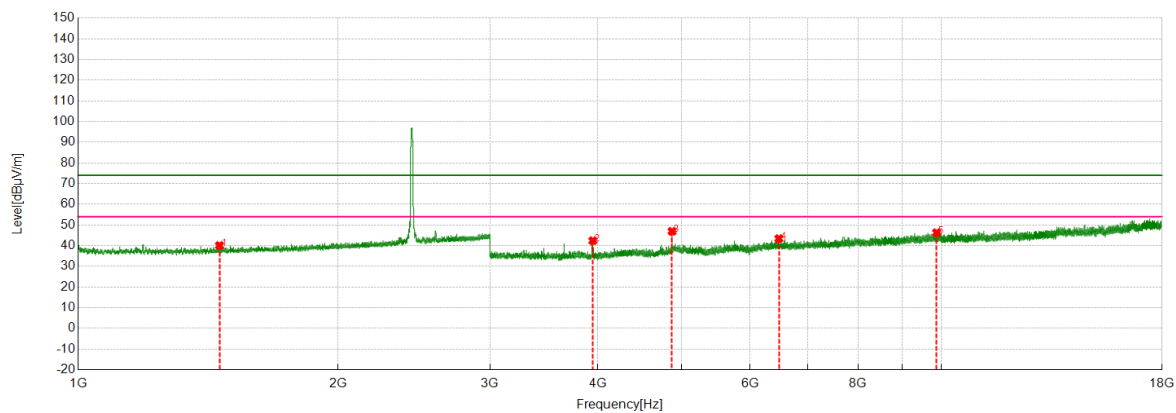
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1318.4000	40.22	39.97	-0.25	74.00	34.03	150	59	PK	Horizontal	PASS
2	1769.6000	40.04	41.02	0.98	74.00	32.98	150	110	PK	Horizontal	PASS
3	4823.5000	65.26	50.33	-14.93	74.00	23.67	150	69	PK	Horizontal	PASS
4	6412.0000	53.41	42.99	-10.42	74.00	31.01	150	326	PK	Horizontal	PASS
5	9263.5000	49.77	45.09	-4.68	74.00	28.91	150	231	PK	Horizontal	PASS
6	12170.000	48.86	47.58	-1.28	74.00	26.42	150	24	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2437 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

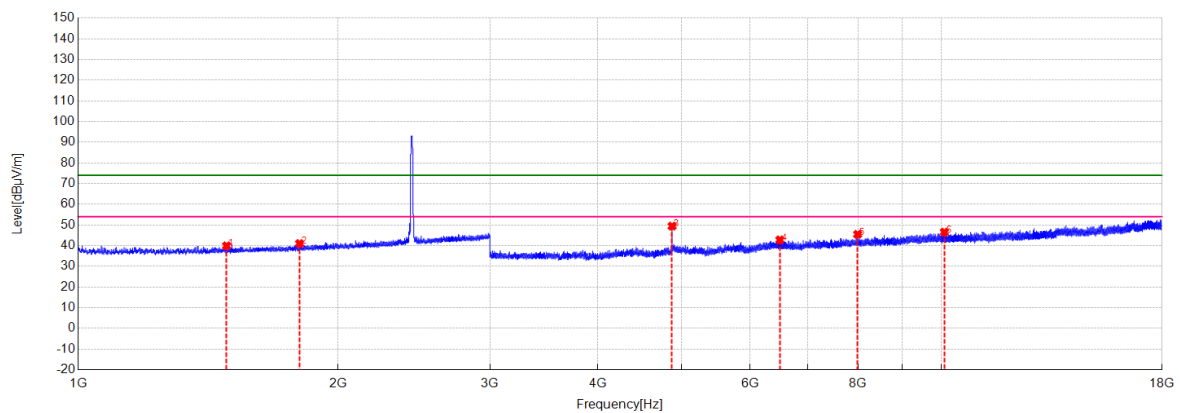
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1457.8000	40.12	40.05	-0.07	74.00	33.95	150	358	PK	Vertical	PASS
2	3945.0000	59.96	42.39	-17.57	74.00	31.61	150	124	PK	Vertical	PASS
3	4873.5000	61.14	46.93	-14.21	74.00	27.07	150	55	PK	Vertical	PASS
4	6479.0000	53.72	43.38	-10.34	74.00	30.62	150	18	PK	Vertical	PASS
5	9867.5000	50.59	46.24	-4.35	74.00	27.76	150	186	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2437 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

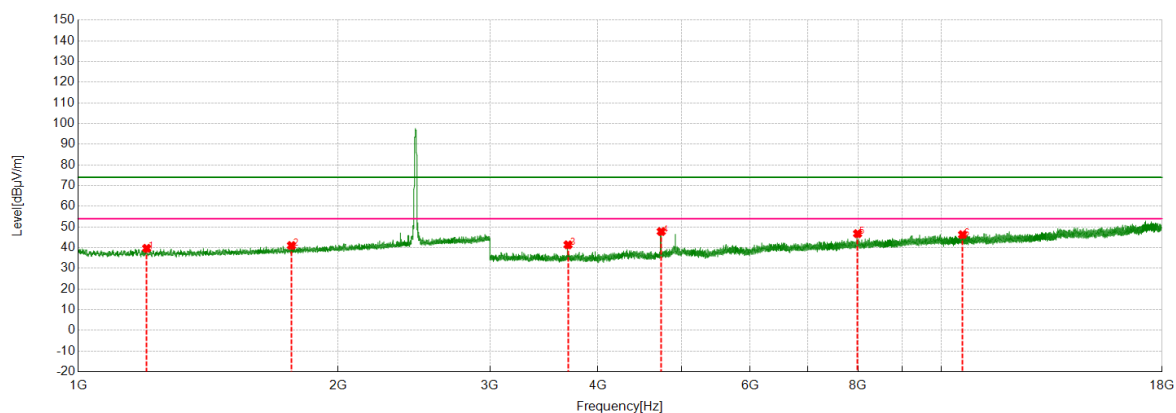
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1485.8000	39.88	39.88	0.00	74.00	34.12	150	138	PK	Horizontal	PASS
2	1804.8000	39.99	41.00	1.01	74.00	33.00	150	316	PK	Horizontal	PASS
3	4874.0000	63.64	49.44	-14.20	74.00	24.56	150	68	PK	Horizontal	PASS
4	6497.0000	52.74	42.76	-9.98	74.00	31.24	150	63	PK	Horizontal	PASS
5	7993.5000	52.96	45.47	-7.49	74.00	28.53	150	281	PK	Horizontal	PASS
6	10073.500	50.89	46.51	-4.38	74.00	27.49	150	68	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2462 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

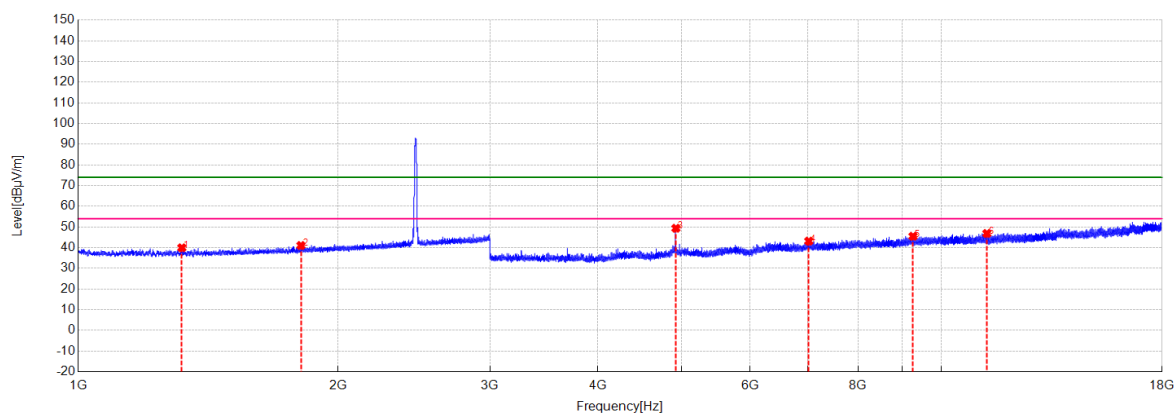
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1200.6000	39.94	39.66	-0.28	74.00	34.34	150	217	PK	Vertical	PASS
2	1766.2000	40.07	41.01	0.94	74.00	32.99	150	94	PK	Vertical	PASS
3	3693.0000	60.72	41.35	-19.37	74.00	32.65	150	93	PK	Vertical	PASS
4	4735.0000	63.01	47.78	-15.23	74.00	26.22	150	42	PK	Vertical	PASS
5	7992.5000	54.19	46.75	-7.44	74.00	27.25	150	168	PK	Vertical	PASS
6	10574.500	50.04	46.26	-3.78	74.00	27.74	150	331	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: B

Channel: 2462 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

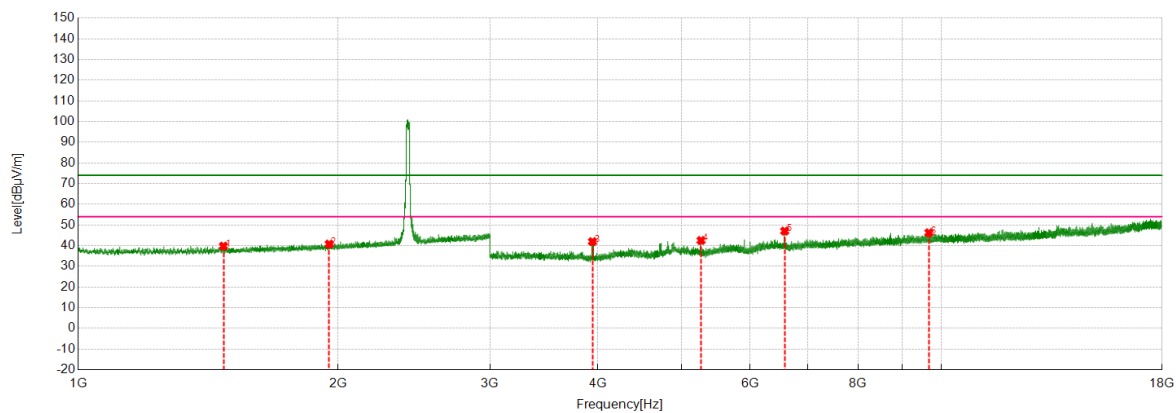
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1318.6000	40.17	39.92	-0.25	74.00	34.08	150	169	PK	Horizontal	PASS
2	1811.4000	40.00	41.02	1.02	74.00	32.98	150	162	PK	Horizontal	PASS
3	4923.5000	63.02	49.36	-13.66	74.00	24.64	150	230	PK	Horizontal	PASS
4	7018.0000	52.59	43.13	-9.46	74.00	30.87	150	324	PK	Horizontal	PASS
5	9266.0000	50.32	45.49	-4.83	74.00	28.51	150	311	PK	Horizontal	PASS
6	11283.500	49.72	46.85	-2.87	74.00	27.15	150	356	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2412 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

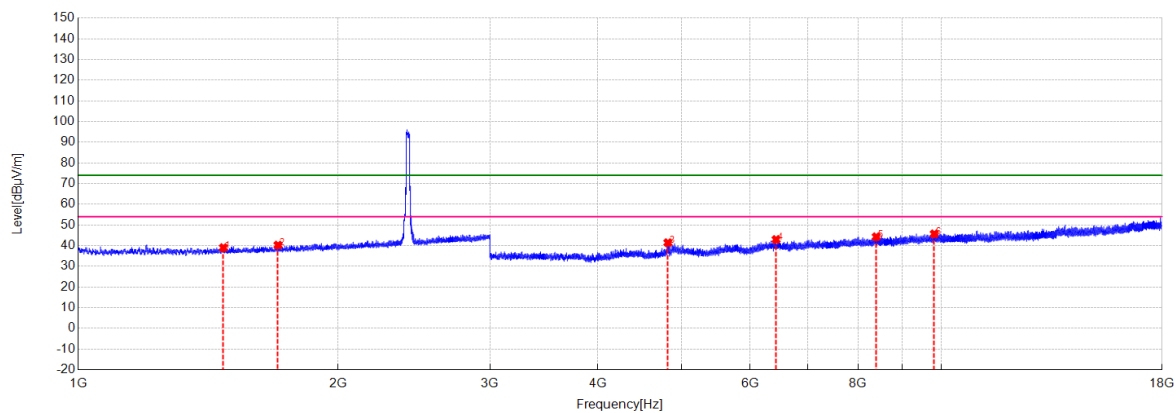
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1473.4000	39.82	39.76	-0.06	74.00	34.24	150	225	PK	Vertical	PASS
2	1953.4000	39.18	40.76	1.58	74.00	33.24	150	115	PK	Vertical	PASS
3	3941.5000	59.76	41.95	-17.81	74.00	32.05	150	125	PK	Vertical	PASS
4	5265.0000	55.92	42.49	-13.43	74.00	31.51	150	100	PK	Vertical	PASS
5	6580.5000	57.05	47.04	-10.01	74.00	26.96	150	144	PK	Vertical	PASS
6	9667.0000	50.95	46.24	-4.71	74.00	27.76	150	206	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2412 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

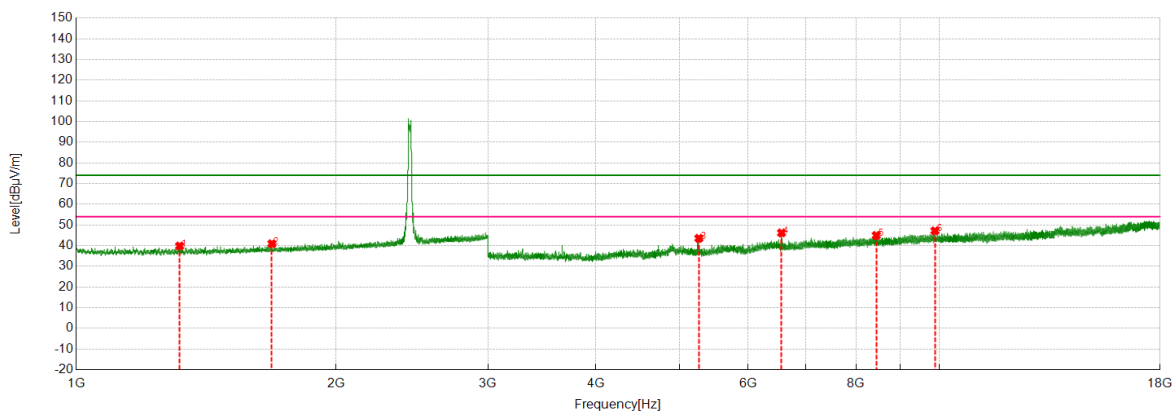
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1473.2000	39.06	39.00	-0.06	74.00	35.00	150	54	PK	Horizontal	PASS
2	1704.0000	39.63	40.25	0.62	74.00	33.75	150	317	PK	Horizontal	PASS
3	4819.5000	56.45	41.41	-15.04	74.00	32.59	150	85	PK	Horizontal	PASS
4	6431.5000	53.52	42.95	-10.57	74.00	31.05	150	294	PK	Horizontal	PASS
5	8400.5000	51.84	44.28	-7.56	74.00	29.72	150	41	PK	Horizontal	PASS
6	9806.5000	50.12	45.69	-4.43	74.00	28.31	150	123	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2437 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

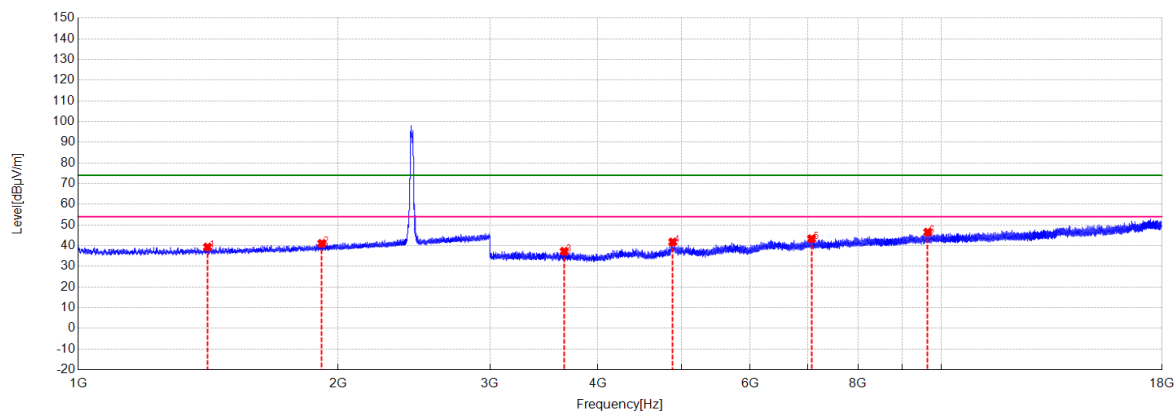
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1317.8000	40.06	39.81	-0.25	74.00	34.19	150	213	PK	Vertical	PASS
2	1685.4000	40.40	40.91	0.51	74.00	33.09	150	349	PK	Vertical	PASS
3	5263.0000	56.88	43.54	-13.34	74.00	30.46	150	117	PK	Vertical	PASS
4	6560.5000	56.59	46.16	-10.43	74.00	27.84	150	136	PK	Vertical	PASS
5	8446.0000	51.97	44.93	-7.04	74.00	29.07	150	254	PK	Vertical	PASS
6	9877.0000	51.38	47.16	-4.22	74.00	26.84	150	161	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2437 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

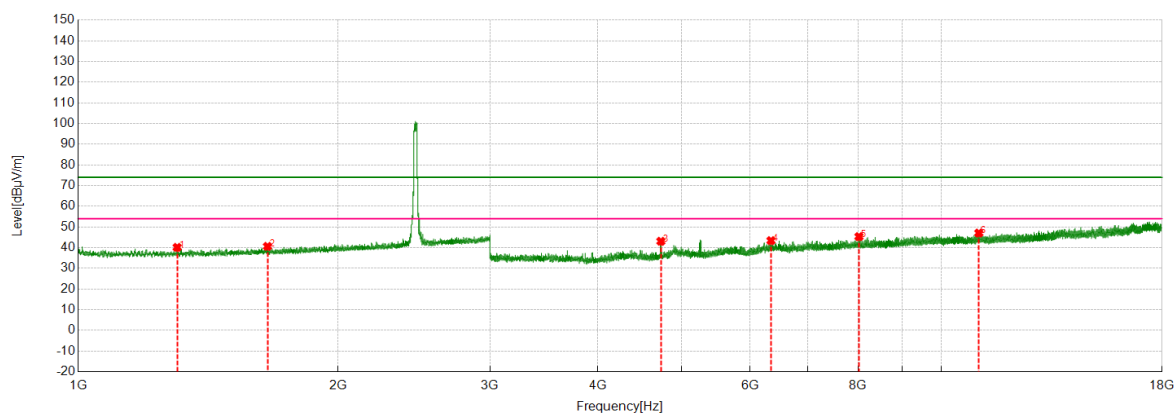
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1412.2000	39.60	39.30	-0.30	74.00	34.70	150	296	PK	Horizontal	PASS
2	1915.6000	39.67	41.05	1.38	74.00	32.95	150	95	PK	Horizontal	PASS
3	3655.5000	56.54	37.25	-19.29	74.00	36.75	150	294	PK	Horizontal	PASS
4	4883.0000	55.71	41.75	-13.96	74.00	32.25	150	104	PK	Horizontal	PASS
5	7069.5000	52.91	43.33	-9.58	74.00	30.67	150	238	PK	Horizontal	PASS
6	9637.0000	51.26	46.49	-4.77	74.00	27.51	150	85	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2462 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

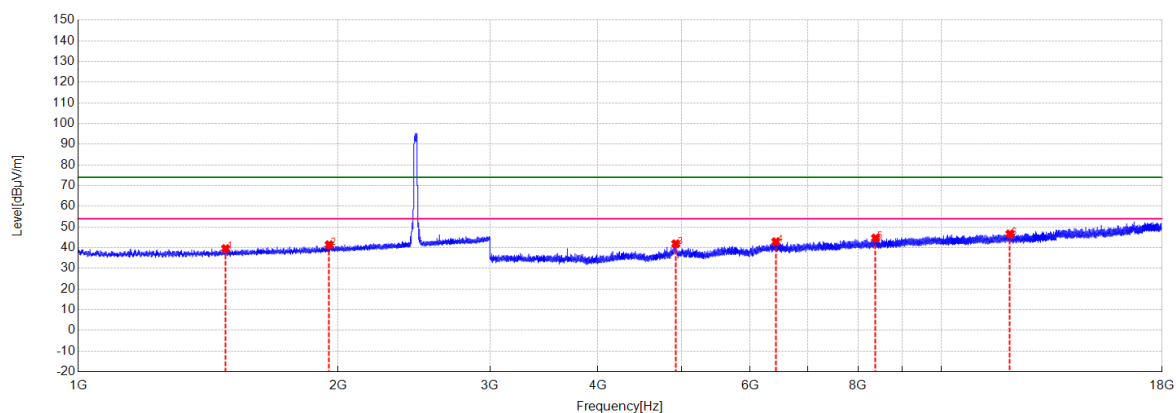
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1302.2000	40.56	40.12	-0.44	74.00	33.88	150	219	PK	Vertical	PASS
2	1656.8000	40.13	40.60	0.47	74.00	33.40	150	34	PK	Vertical	PASS
3	4730.0000	58.24	43.06	-15.18	74.00	30.94	150	73	PK	Vertical	PASS
4	6344.5000	53.67	43.38	-10.29	74.00	30.62	150	332	PK	Vertical	PASS
5	8022.0000	52.73	45.32	-7.41	74.00	28.68	150	84	PK	Vertical	PASS
6	11043.500	49.75	47.05	-2.70	74.00	26.95	150	180	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX20

Channel: 2462 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

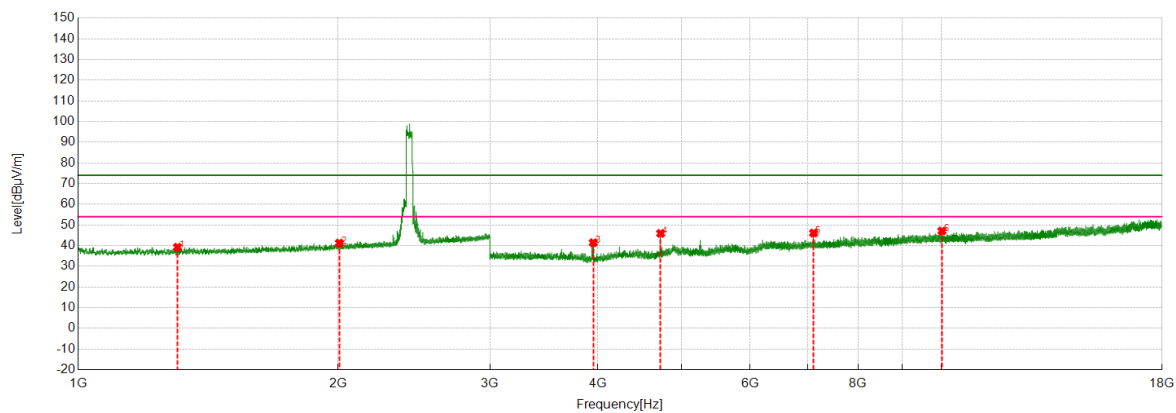
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1481.8000	39.50	39.52	0.02	74.00	34.48	150	352	PK	Horizontal	PASS
2	1953.4000	39.83	41.41	1.58	74.00	32.59	150	90	PK	Horizontal	PASS
3	4921.5000	55.42	41.85	-13.57	74.00	32.15	150	201	PK	Horizontal	PASS
4	6428.0000	53.42	42.86	-10.56	74.00	31.14	150	10	PK	Horizontal	PASS
5	8386.0000	51.97	44.61	-7.36	74.00	29.39	150	10	PK	Horizontal	PASS
6	12000.000	48.35	46.63	-1.72	74.00	27.37	150	132	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2422 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

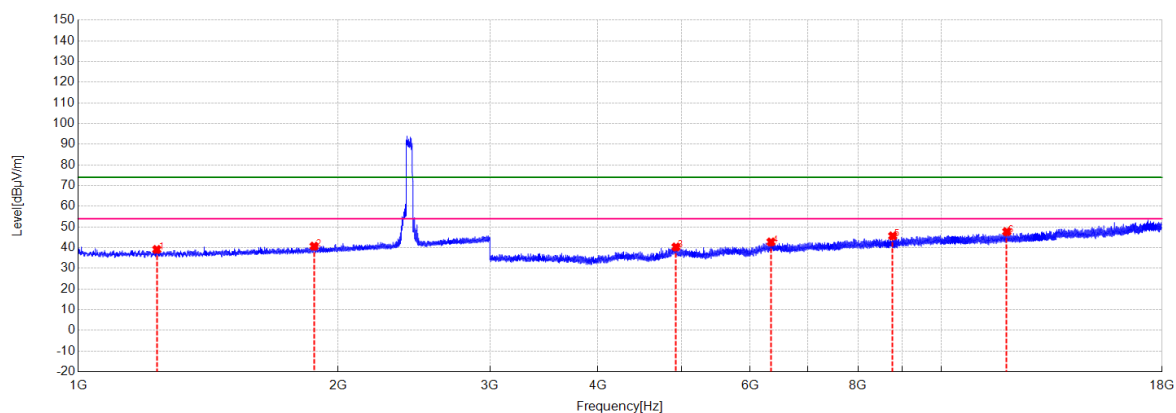
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1303.2000	39.63	39.21	-0.42	74.00	34.79	150	209	PK	Vertical	PASS
2	2007.0000	39.44	41.22	1.78	74.00	32.78	150	127	PK	Vertical	PASS
3	3950.0000	58.64	41.40	-17.24	74.00	32.60	150	206	PK	Vertical	PASS
4	4727.5000	61.11	45.91	-15.20	74.00	28.09	150	124	PK	Vertical	PASS
5	7108.0000	56.03	46.10	-9.93	74.00	27.90	150	105	PK	Vertical	PASS
6	10010.000	51.54	47.08	-4.46	74.00	26.92	150	206	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2422 MHz

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	1233.4000	39.59	39.11	-0.48	74.00	34.89	150	355	PK	Horizontal	PASS
2	1876.2000	39.25	40.69	1.44	74.00	33.31	150	233	PK	Horizontal	PASS
3	4924.5000	54.02	40.31	-13.71	74.00	33.69	150	242	PK	Horizontal	PASS
4	6345.5000	53.00	42.74	-10.26	74.00	31.26	150	109	PK	Horizontal	PASS
5	8777.0000	52.19	45.66	-6.53	74.00	28.34	150	33	PK	Horizontal	PASS
6	11899.000	49.39	47.72	-1.67	74.00	26.28	150	58	PK	Horizontal	PASS

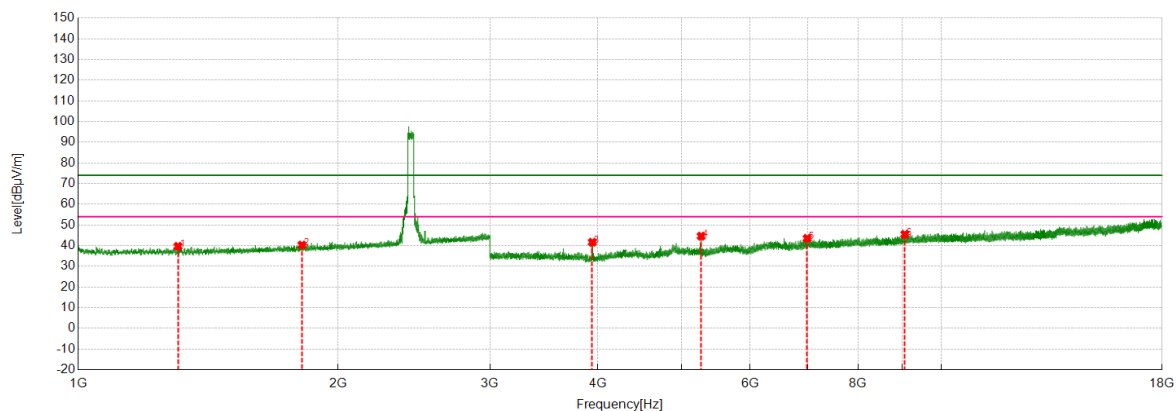
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2437 MHz

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	1305.0000	40.04	39.66	-0.38	74.00	34.34	150	151	PK	Vertical	PASS
2	1816.4000	39.18	40.30	1.12	74.00	33.70	150	119	PK	Vertical	PASS
3	3939.5000	59.54	41.63	-17.91	74.00	32.37	150	199	PK	Vertical	PASS
4	5267.0000	58.10	44.58	-13.52	74.00	29.42	150	150	PK	Vertical	PASS
5	6988.0000	52.99	43.51	-9.48	74.00	30.49	150	174	PK	Vertical	PASS
6	9066.0000	51.50	45.45	-6.05	74.00	28.55	150	94	PK	Vertical	PASS

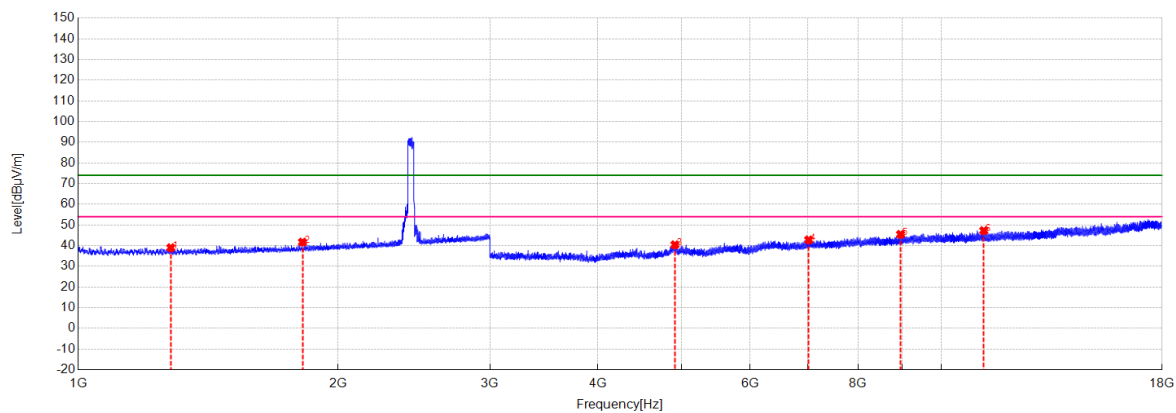
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2437 MHz

Test Graph



★ PK Detector ✱ AV Detector

Suspected Data List

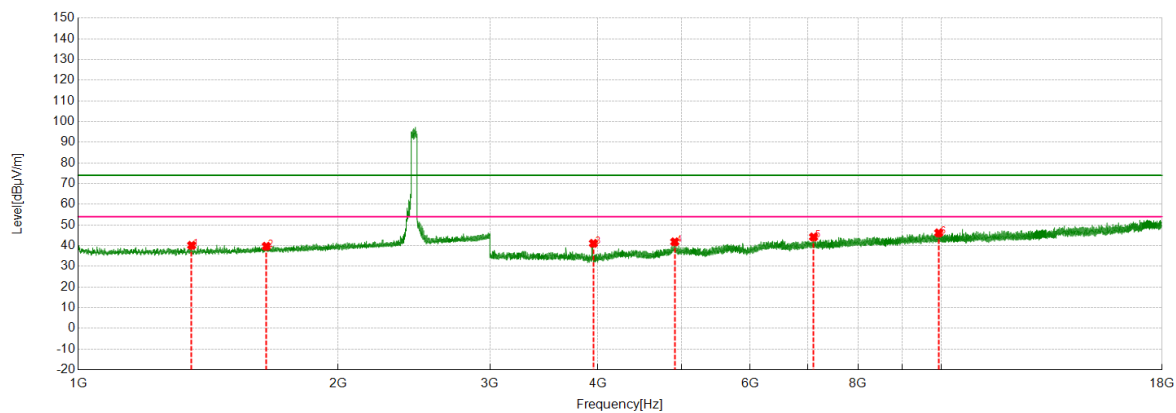
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1280.4000	39.38	38.99	-0.39	74.00	35.01	150	206	PK	Horizontal	PASS
2	1818.8000	40.54	41.69	1.15	74.00	32.31	150	285	PK	Horizontal	PASS
3	4911.0000	53.56	40.42	-13.14	74.00	33.58	150	218	PK	Horizontal	PASS
4	7017.0000	52.19	42.77	-9.42	74.00	31.23	150	325	PK	Horizontal	PASS
5	8964.0000	51.91	45.44	-6.47	74.00	28.56	150	344	PK	Horizontal	PASS
6	11189.500	50.05	47.25	-2.80	74.00	26.75	150	161	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2452 MHz

Test Graph


★ PK Detector ★ AV Detector

Suspected Data List

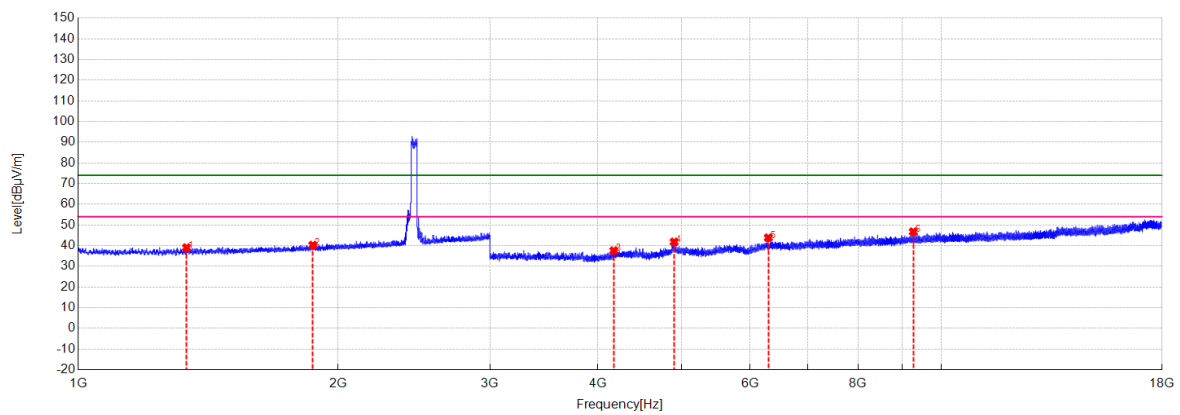
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1353.4000	40.51	40.13	-0.38	74.00	33.87	150	64	PK	Vertical	PASS
2	1651.6000	39.23	39.68	0.45	74.00	34.32	150	285	PK	Vertical	PASS
3	3951.0000	58.39	41.08	-17.31	74.00	32.92	150	55	PK	Vertical	PASS
4	4908.5000	54.98	41.81	-13.17	74.00	32.19	150	255	PK	Vertical	PASS
5	7107.0000	54.08	44.18	-9.90	74.00	29.82	150	102	PK	Vertical	PASS
6	9923.5000	50.44	46.15	-4.29	74.00	27.85	150	143	PK	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

Mode: AX40

Channel: 2452 MHz

Test Graph


★ PK Detector ✱ AV Detector

Suspected Data List

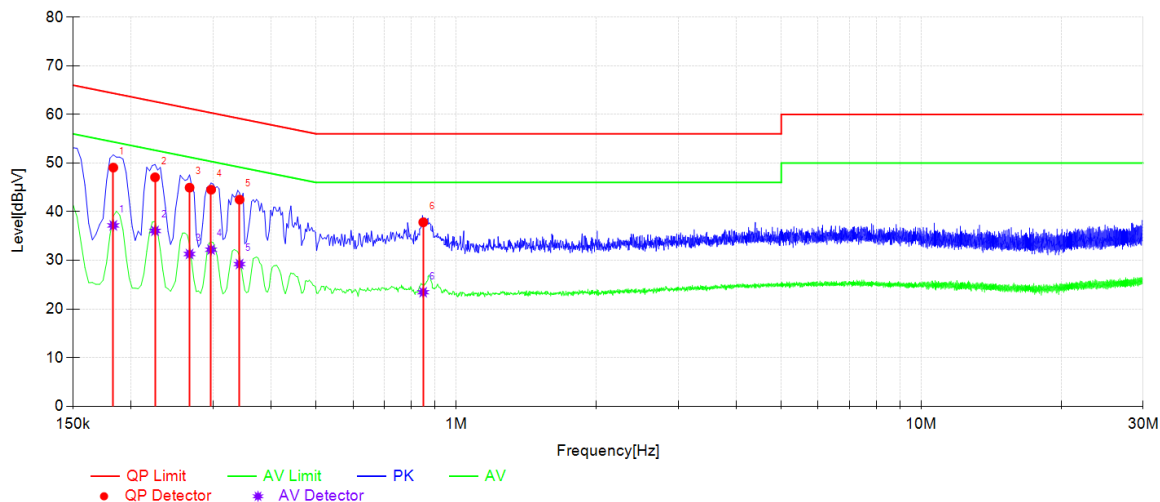
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1335.0000	39.52	39.02	-0.50	74.00	34.98	150	348	PK	Horizontal	PASS
2	1869.8000	38.80	40.24	1.44	74.00	33.76	150	261	PK	Horizontal	PASS
3	4172.0000	54.90	37.56	-17.34	74.00	36.44	150	196	PK	Horizontal	PASS
4	4900.5000	55.29	41.78	-13.51	74.00	32.22	150	148	PK	Horizontal	PASS
5	6299.5000	55.27	43.81	-11.46	74.00	30.19	150	8	PK	Horizontal	PASS
6	9272.0000	51.90	46.71	-5.19	74.00	27.29	150	240	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor

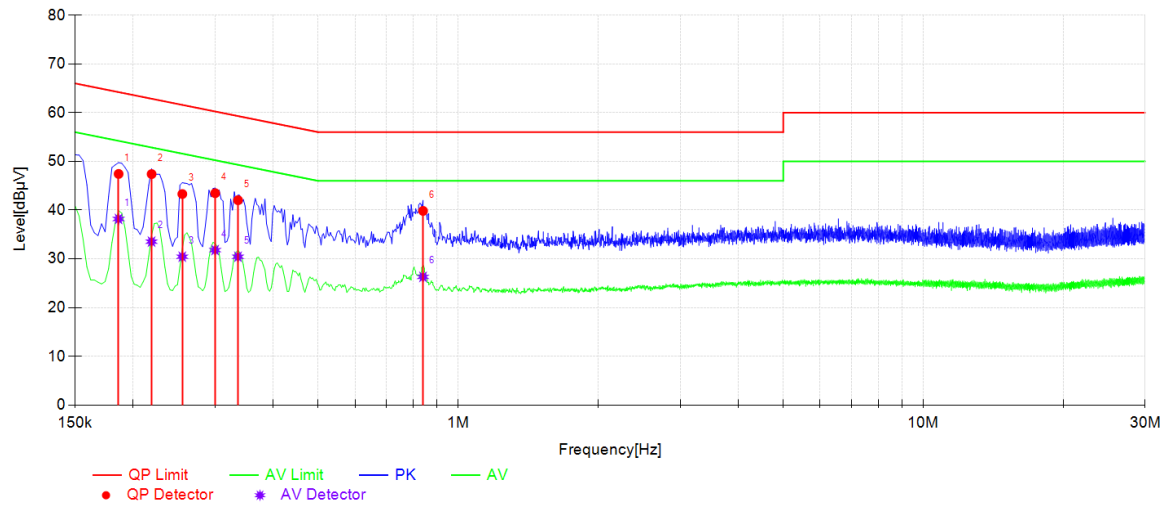
(2)Margin=Limit-Level

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	0.183	10.32	49.07	64.35	15.28	37.18	54.35	17.17	L1	PASS
2	0.225	10.34	47.08	62.63	15.55	36.06	52.63	16.57	L1	PASS
3	0.267	10.33	44.95	61.21	16.26	31.31	51.21	19.90	L1	PASS
4	0.297	10.32	44.53	60.33	15.80	32.20	50.33	18.13	L1	PASS
5	0.342	10.30	42.49	59.15	16.66	29.24	49.15	19.91	L1	PASS
6	0.849	10.31	37.83	56.00	18.17	23.45	46.00	22.55	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	0.186	10.35	47.44	64.21	16.77	38.19	54.21	16.02	N	PASS
2	0.219	10.34	47.40	62.86	15.46	33.54	52.86	19.32	N	PASS
3	0.255	10.33	43.31	61.59	18.28	30.45	51.59	21.14	N	PASS
4	0.3	10.32	43.48	60.24	16.76	31.80	50.24	18.44	N	PASS
5	0.336	10.30	42.05	59.30	17.25	30.44	49.30	18.86	N	PASS
6	0.84	10.26	39.85	56.00	16.15	26.31	46.00	19.69	N	PASS