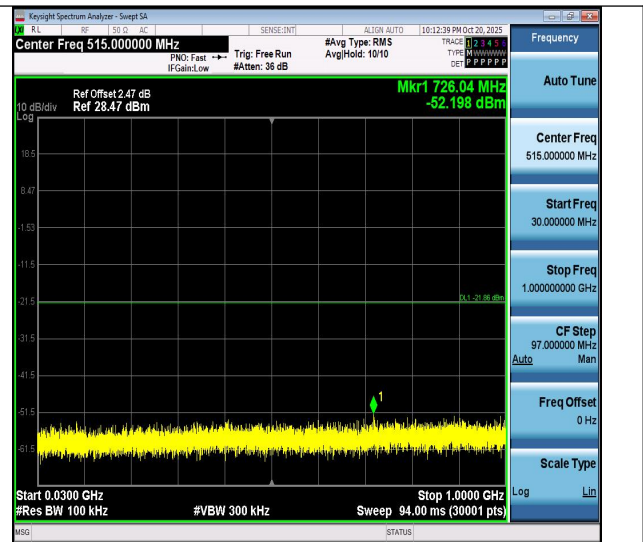
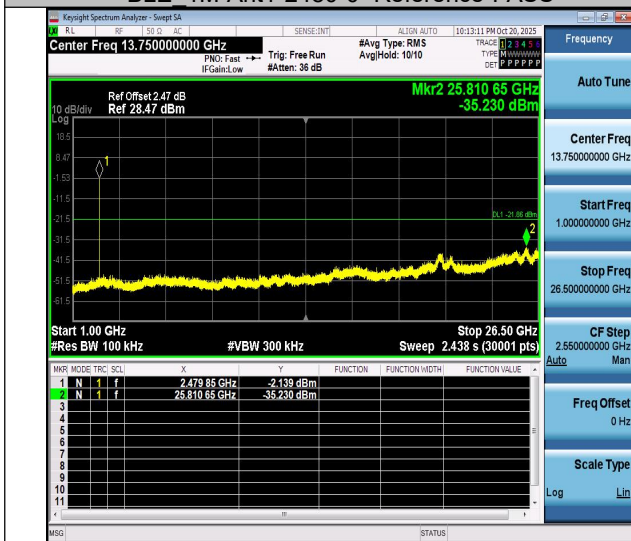




BLE 1M-Ant1-2480-0~Reference-PASS



BLE 1M-Ant1-2480-30~1000-PASS



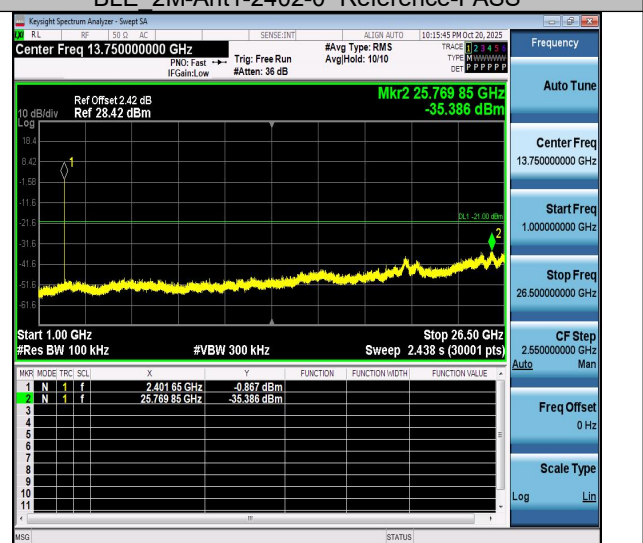
BLE 1M-Ant1-2480-1000~2650-PASS



BLE 2M-Ant1-2402-0~Reference-PASS



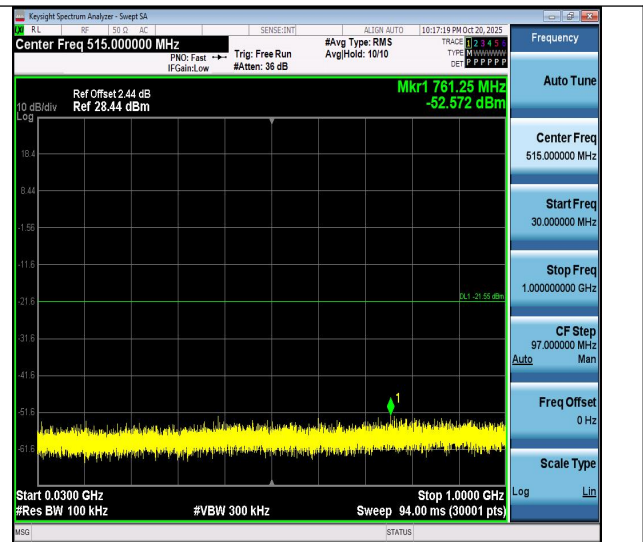
BLE 2M-Ant1-2402-30~1000-PASS



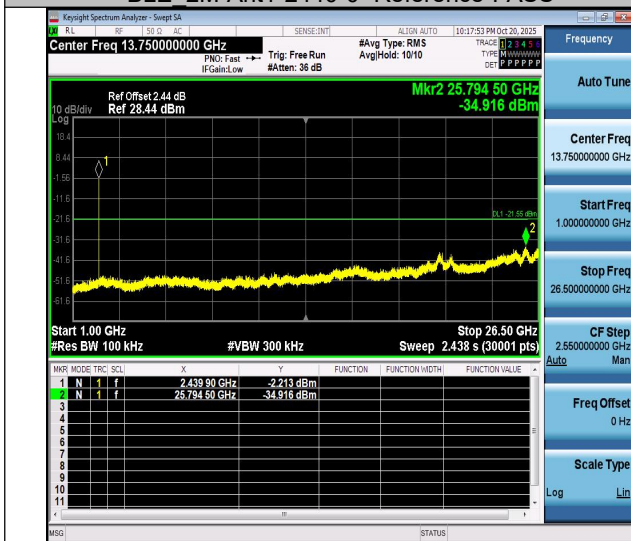
BLE 2M-Ant1-2402-1000~2650-PASS



BLE 2M-Ant1-2440-0~Reference-PASS



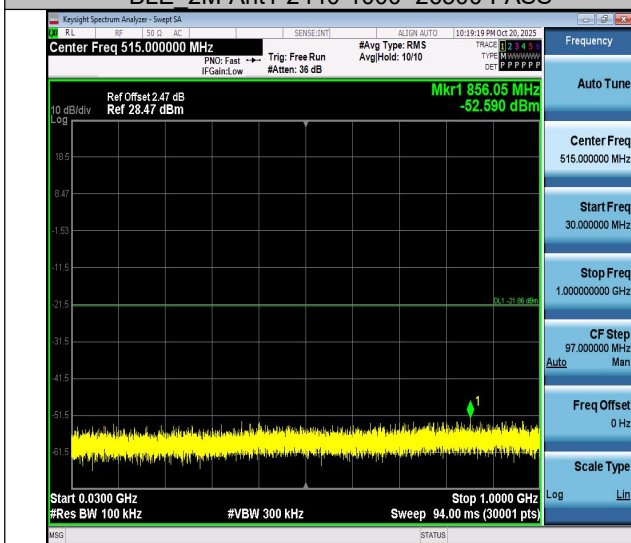
BLE 2M-Ant1-2440-30~1000-PASS



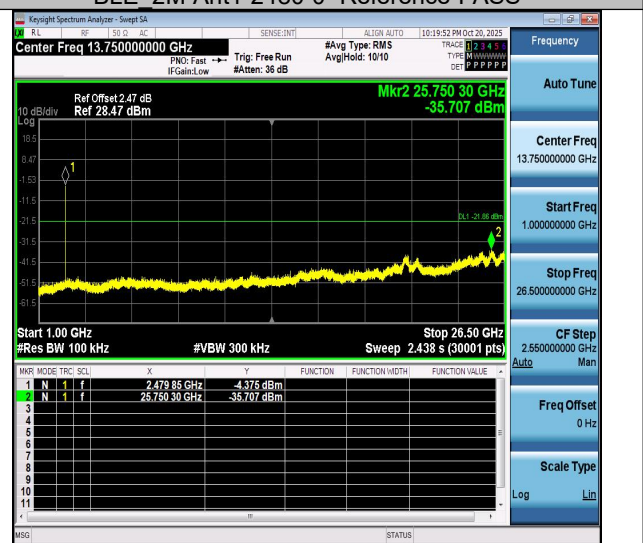
BLE 2M-Ant1-2440-1000~2650-PASS



BLE 2M-Ant1-2480-0~Reference-PASS



BLE 2M-Ant1-2480-30~1000-PASS

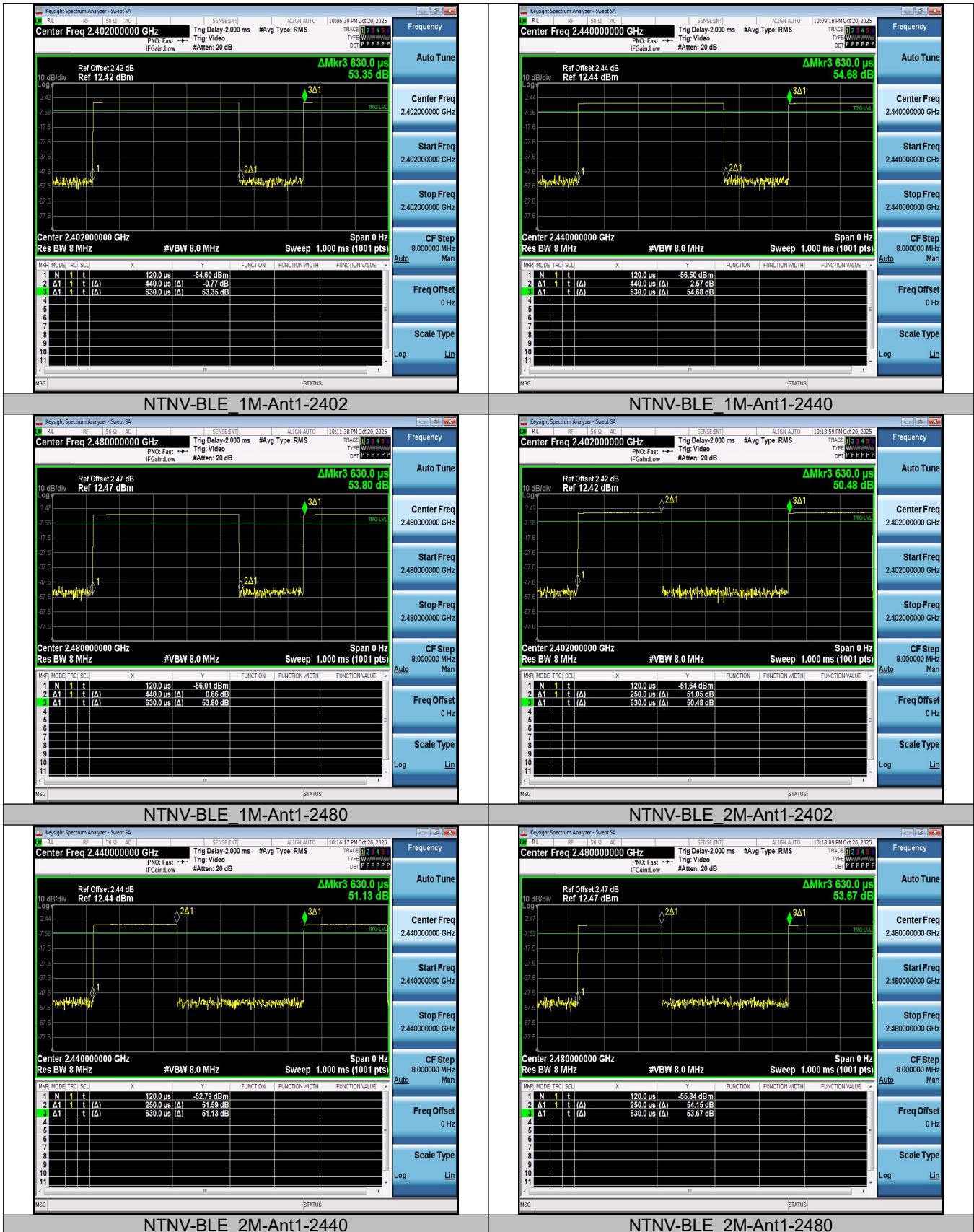


BLE 2M-Ant1-2480-1000~2650-PASS

Duty Cycle Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.44	0.63	69.84	1.56
BLE_1M	Ant1	2440	0.44	0.63	69.84	1.56
BLE_1M	Ant1	2480	0.44	0.63	69.84	1.56
BLE_2M	Ant1	2402	0.25	0.63	39.68	4.01
BLE_2M	Ant1	2440	0.25	0.63	39.68	4.01
BLE_2M	Ant1	2480	0.25	0.63	39.68	4.01

Test Graphs

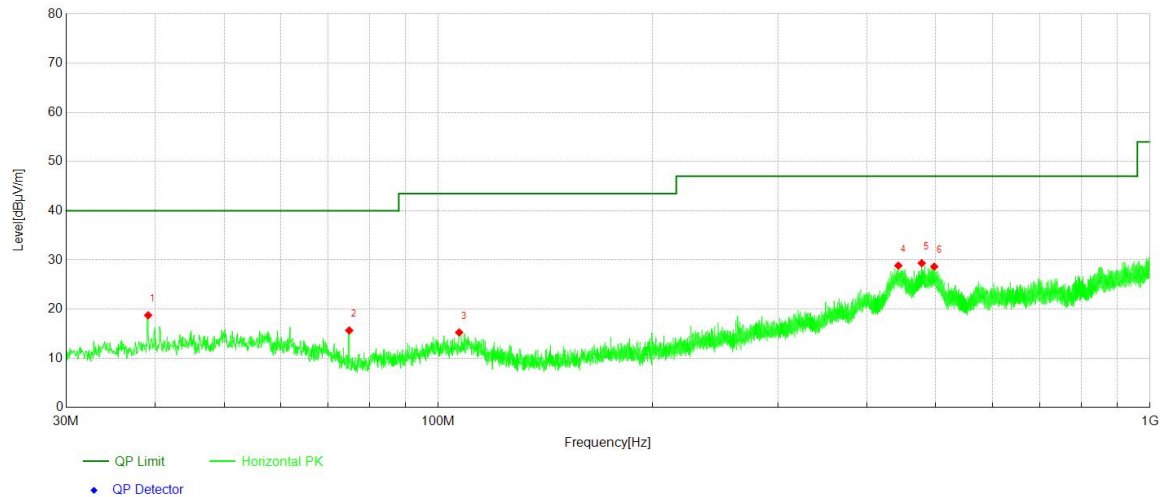


Radiated Spurious Emissions

Test Result Below 1GHz

Project Information			
Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph

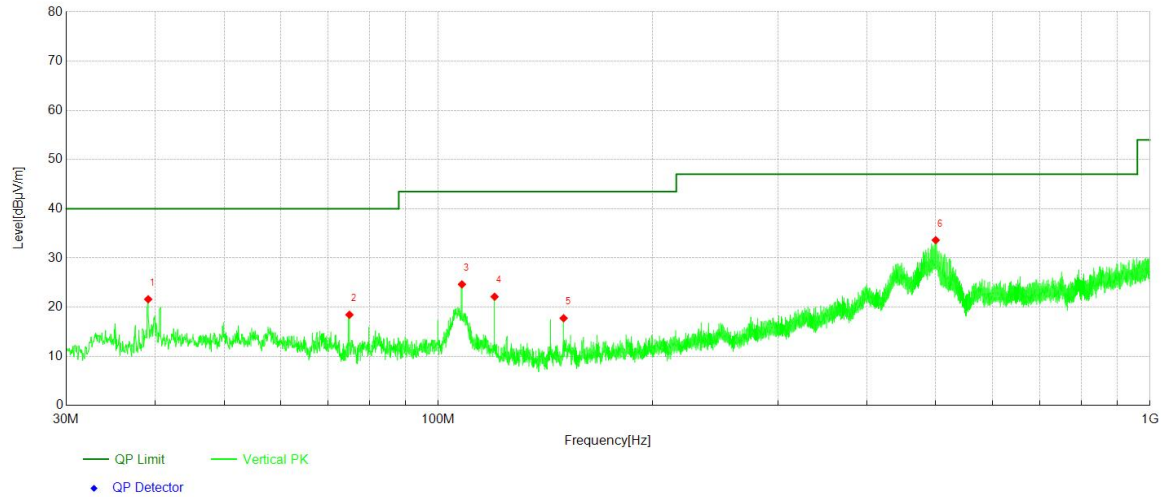


Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	39.12	43.23	-24.49	18.74	40.00	21.26	Horizontal	PASS
2	74.96	42.53	-26.87	15.66	40.00	24.34	Horizontal	PASS
3	106.97	38.08	-22.82	15.26	43.50	28.24	Horizontal	PASS
4	443.05	37.62	-8.79	28.83	47.00	18.17	Horizontal	PASS
5	477.77	37.93	-8.59	29.34	47.00	17.66	Horizontal	PASS
6	497.51	37.00	-8.36	28.64	47.00	18.36	Horizontal	PASS

Project Information

Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



Data List

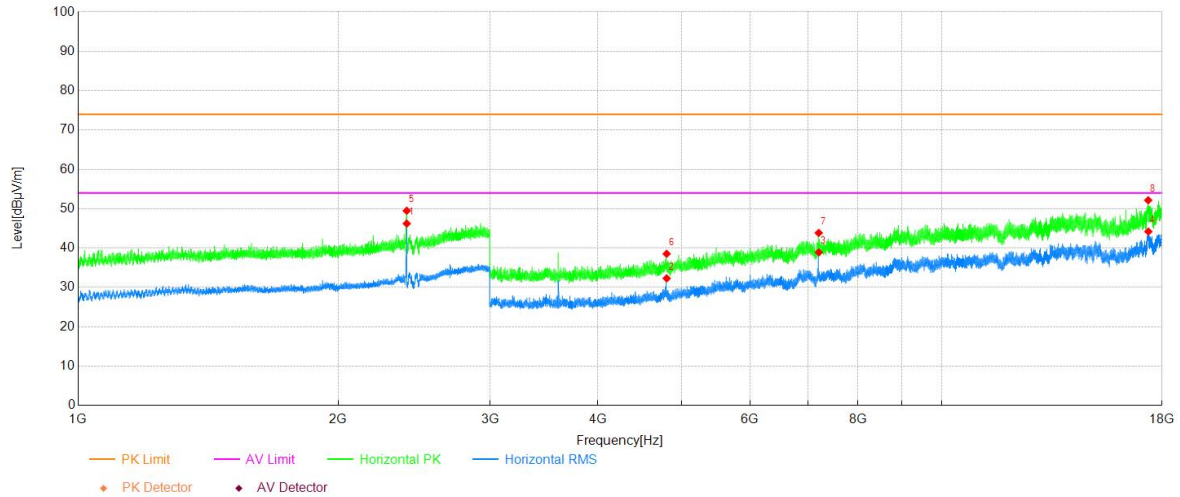
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	39.12	46.48	-24.88	21.60	40.00	18.40	Vertical	PASS
2	75.01	45.82	-27.38	18.44	40.00	21.56	Vertical	PASS
3	107.94	47.99	-23.36	24.63	43.50	18.87	Vertical	PASS
4	119.97	46.16	-24.04	22.12	43.50	21.38	Vertical	PASS
5	150.00	44.22	-26.48	17.74	43.50	25.76	Vertical	PASS
6	499.89	41.97	-8.35	33.62	47.00	13.38	Vertical	PASS

Note: Radiation stray between 30MHz and 1GHz has been tested, all other modes have been tested, and BLE-2M is the worst mode

Test Result Above 1GHz

Project Information			
Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph

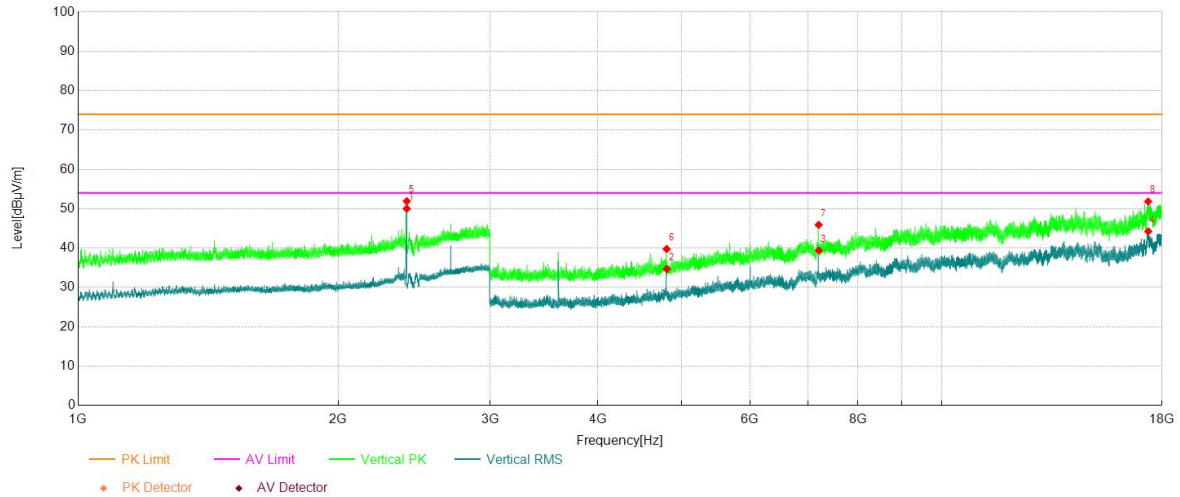


Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2402.00	44.01	2.22	46.23	-	-	Horizontal	NA
2	4804.00	39.89	-7.58	32.31	54.00	21.69	Horizontal	PASS
3	7207.00	40.27	-1.37	38.90	54.00	15.10	Horizontal	PASS
4	17356.50	31.60	12.61	44.21	54.00	9.79	Horizontal	PASS
5	2401.80	47.27	2.22	49.49	-	-	Horizontal	NA
6	4803.50	46.14	-7.58	38.56	74.00	35.44	Horizontal	PASS
7	7205.50	45.22	-1.36	43.86	74.00	30.14	Horizontal	PASS
8	17348.50	39.37	12.79	52.16	74.00	21.84	Horizontal	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



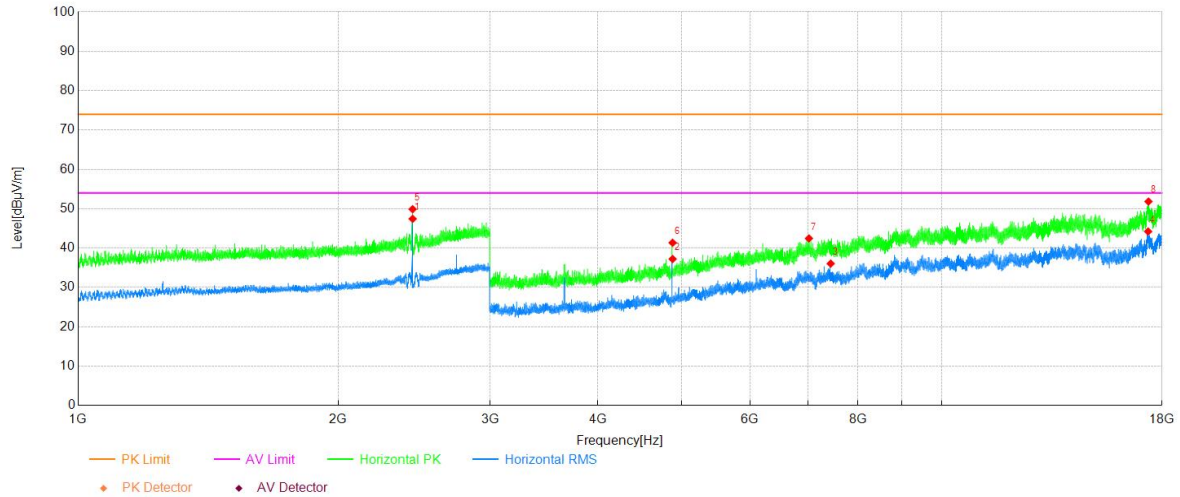
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2402.20	47.80	2.22	50.02	-	-	Vertical	NA
2	4805.00	42.29	-7.60	34.69	54.00	19.31	Vertical	PASS
3	7206.00	40.79	-1.37	39.42	54.00	14.58	Vertical	PASS
4	17350.50	31.41	12.84	44.25	54.00	9.75	Vertical	PASS
5	2402.00	49.70	2.22	51.92	-	-	Vertical	NA
6	4804.00	47.35	-7.58	39.77	74.00	34.23	Vertical	PASS
7	7205.00	47.27	-1.36	45.91	74.00	28.09	Vertical	PASS
8	17346.50	39.14	12.70	51.84	74.00	22.16	Vertical	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	19
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



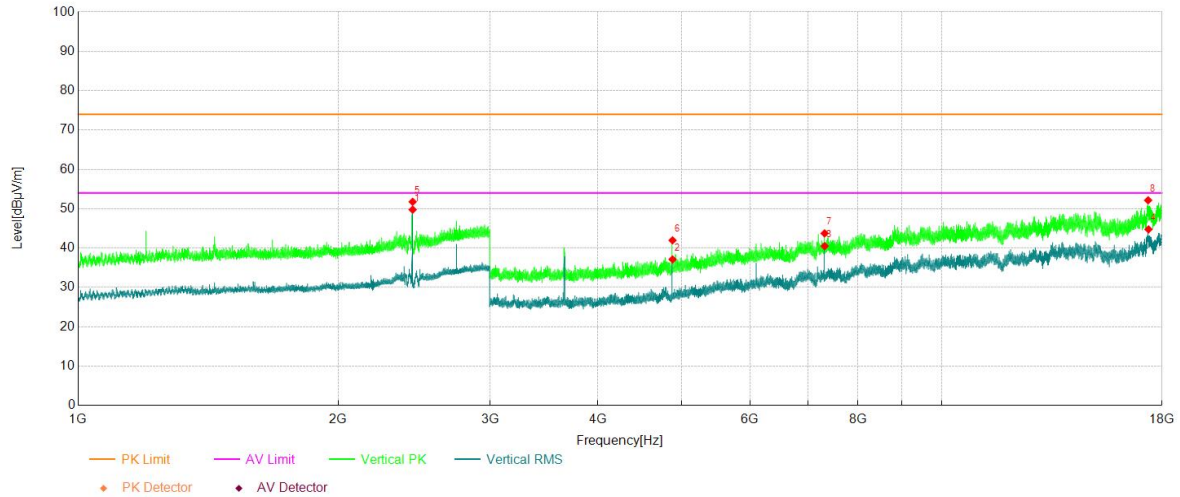
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2440.20	45.15	2.29	47.44	-	-	Horizontal	NA
2	4880.50	45.27	-8.05	37.22	54.00	16.78	Horizontal	PASS
3	7439.50	37.70	-1.64	36.06	54.00	17.94	Horizontal	PASS
4	17344.00	31.65	12.58	44.23	54.00	9.77	Horizontal	PASS
5	2439.60	47.60	2.29	49.89	-	-	Horizontal	NA
6	4880.00	49.42	-8.05	41.37	74.00	32.63	Horizontal	PASS
7	7020.00	44.37	-1.91	42.46	74.00	31.54	Horizontal	PASS
8	17361.00	39.41	12.43	51.84	74.00	22.16	Horizontal	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	19
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



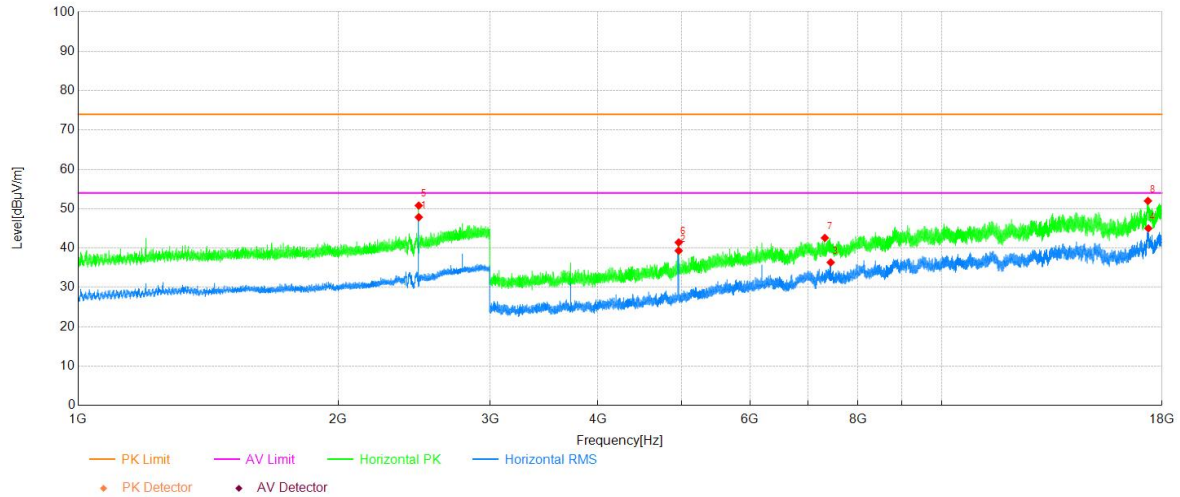
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2440.20	47.48	2.29	49.77	-	-	Vertical	NA
2	4880.00	45.17	-8.05	37.12	54.00	16.88	Vertical	PASS
3	7320.50	41.86	-1.34	40.52	54.00	13.48	Vertical	PASS
4	17362.00	32.37	12.39	44.76	54.00	9.24	Vertical	PASS
5	2440.00	49.48	2.29	51.77	-	-	Vertical	NA
6	4879.50	50.03	-8.05	41.98	74.00	32.02	Vertical	PASS
7	7319.00	45.07	-1.33	43.74	74.00	30.26	Vertical	PASS
8	17344.00	39.57	12.58	52.15	74.00	21.85	Vertical	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



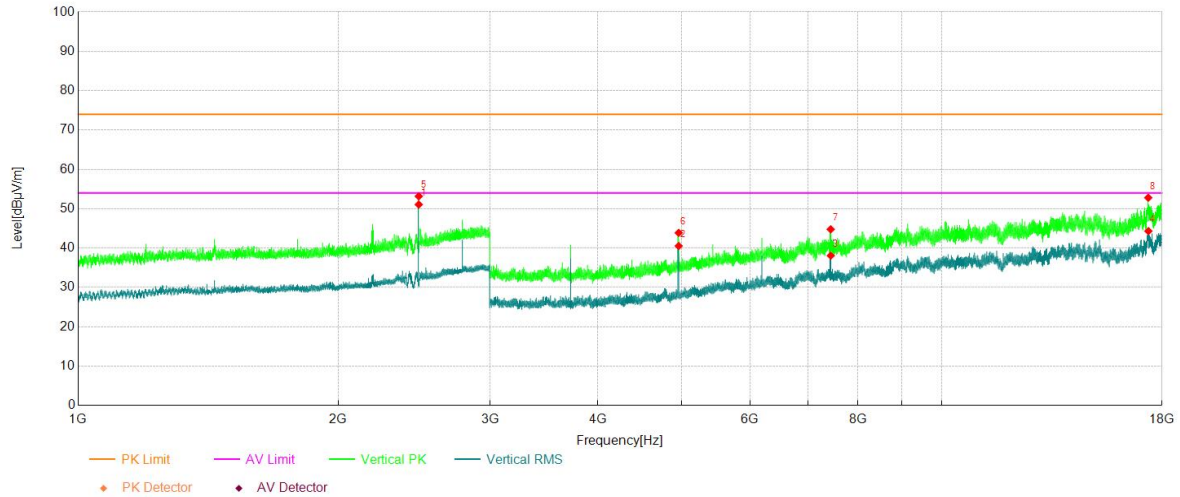
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2480.40	45.49	2.37	47.86	-	-	Horizontal	NA
2	4960.50	46.88	-7.55	39.33	54.00	14.67	Horizontal	PASS
3	7439.50	38.00	-1.64	36.36	54.00	17.64	Horizontal	PASS
4	17355.00	32.33	12.67	45.00	54.00	9.00	Horizontal	PASS
5	2480.00	48.44	2.37	50.81	-	-	Horizontal	NA
6	4960.00	48.99	-7.55	41.44	74.00	32.56	Horizontal	PASS
7	7324.50	43.97	-1.37	42.60	74.00	31.40	Horizontal	PASS
8	17335.50	39.79	12.20	51.99	74.00	22.01	Horizontal	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2480.20	48.70	2.37	51.07	-	-	Vertical	NA
2	4960.50	48.09	-7.55	40.54	54.00	13.46	Vertical	PASS
3	7441.00	39.73	-1.65	38.08	54.00	15.92	Vertical	PASS
4	17356.50	31.71	12.61	44.32	54.00	9.68	Vertical	PASS
5	2480.20	50.80	2.37	53.17	-	-	Vertical	NA
6	4960.00	51.43	-7.55	43.88	74.00	30.12	Vertical	PASS
7	7439.50	46.42	-1.64	44.78	74.00	29.22	Vertical	PASS
8	17350.00	39.95	12.86	52.81	74.00	21.19	Vertical	PASS

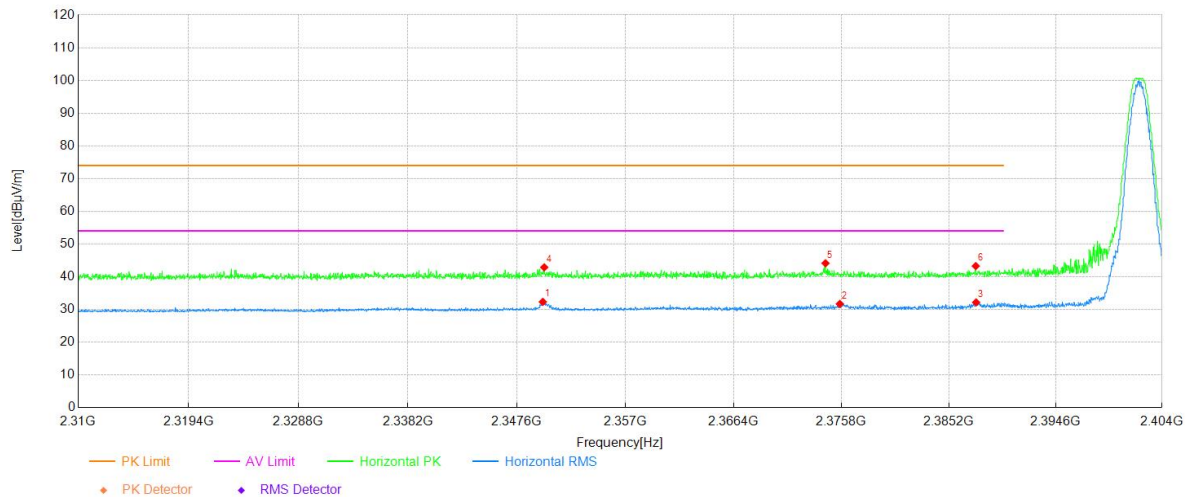
Note: Conducted tests on radiation stray at 1-18GHz, all other modes have been tested, and BLE-1M is the worst mode

Radiated Band Edge

Test Result

Project Information			
Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph

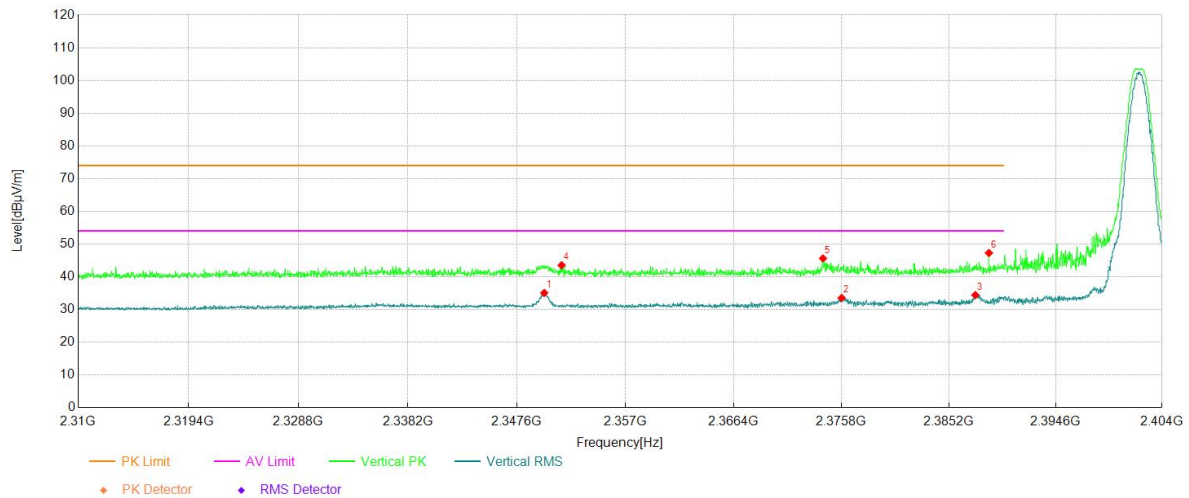


Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2349.84	30.88	1.45	32.33	54.00	21.67	Horizontal	PASS
2	2375.67	30.28	1.43	31.71	54.00	22.29	Horizontal	PASS
3	2387.61	30.74	1.43	32.17	54.00	21.83	Horizontal	PASS
4	2349.96	41.44	1.45	42.89	74.00	31.11	Horizontal	PASS
5	2374.41	42.70	1.44	44.14	74.00	29.86	Horizontal	PASS
6	2387.58	41.84	1.43	43.27	74.00	30.73	Horizontal	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



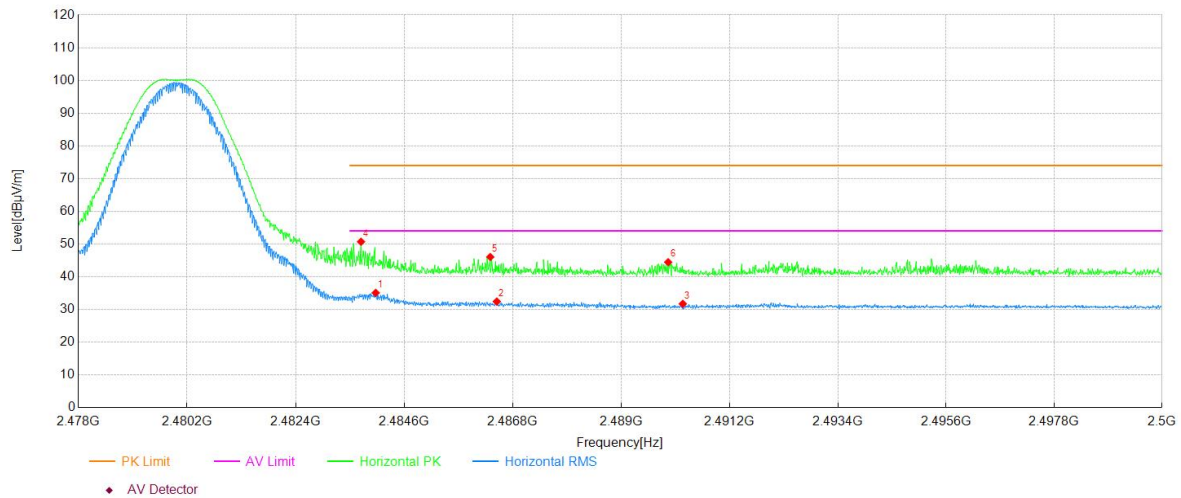
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2349.96	33.62	1.45	35.07	54.00	18.93	Vertical	PASS
2	2375.82	32.11	1.43	33.54	54.00	20.46	Vertical	PASS
3	2387.54	32.98	1.43	34.41	54.00	19.59	Vertical	PASS
4	2351.47	42.07	1.45	43.52	74.00	30.48	Vertical	PASS
5	2374.19	44.17	1.44	45.61	74.00	28.39	Vertical	PASS
6	2388.74	45.83	1.43	47.26	74.00	26.74	Vertical	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



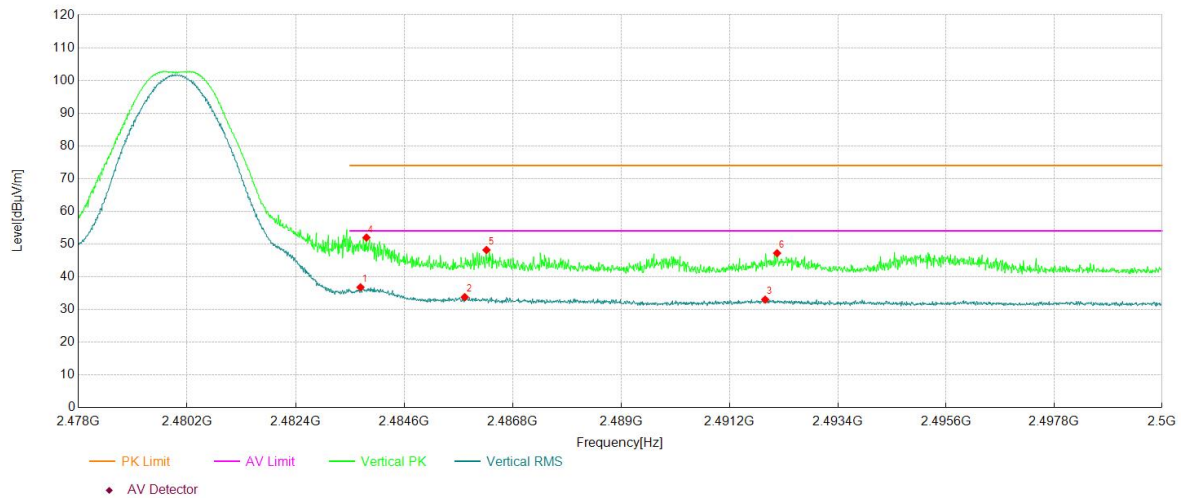
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2484.02	33.21	1.87	35.08	54.00	18.92	Horizontal	PASS
2	2486.47	30.55	1.89	32.44	54.00	21.56	Horizontal	PASS
3	2490.25	29.81	1.93	31.74	54.00	22.26	Horizontal	PASS
4	2483.72	48.85	1.86	50.71	74.00	23.29	Horizontal	PASS
5	2486.34	44.16	1.89	46.05	74.00	27.95	Horizontal	PASS
6	2489.95	42.53	1.93	44.46	74.00	29.54	Horizontal	PASS

Project Information

Mode:	BLE_1M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



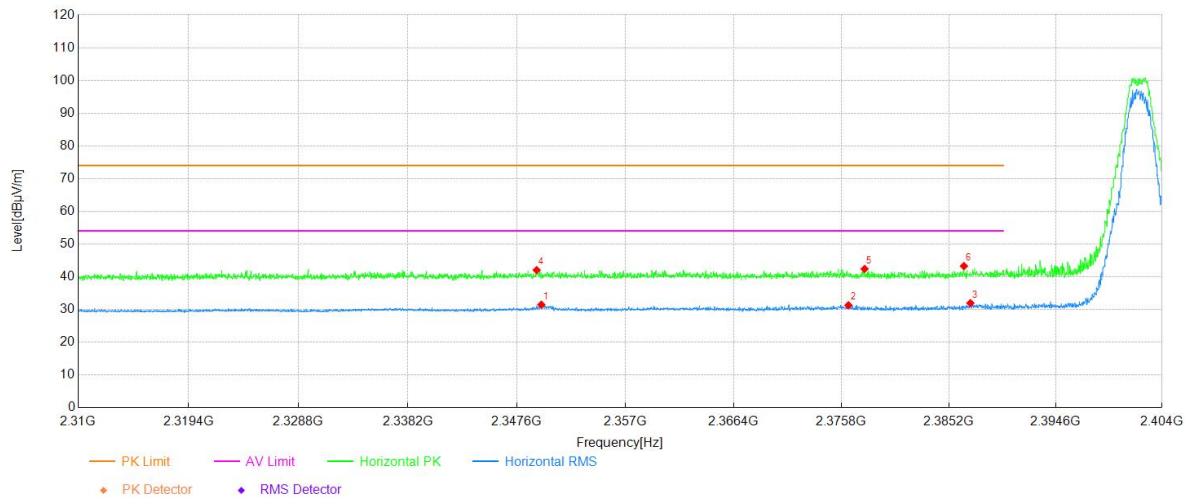
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.71	34.92	1.86	36.78	54.00	17.22	Vertical	PASS
2	2485.82	31.90	1.88	33.78	54.00	20.22	Vertical	PASS
3	2491.92	31.08	1.95	33.03	54.00	20.97	Vertical	PASS
4	2483.83	50.11	1.87	51.98	74.00	22.02	Vertical	PASS
5	2486.27	46.30	1.89	48.19	74.00	25.81	Vertical	PASS
6	2492.16	45.26	1.95	47.21	74.00	26.79	Vertical	PASS

Project Information

Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



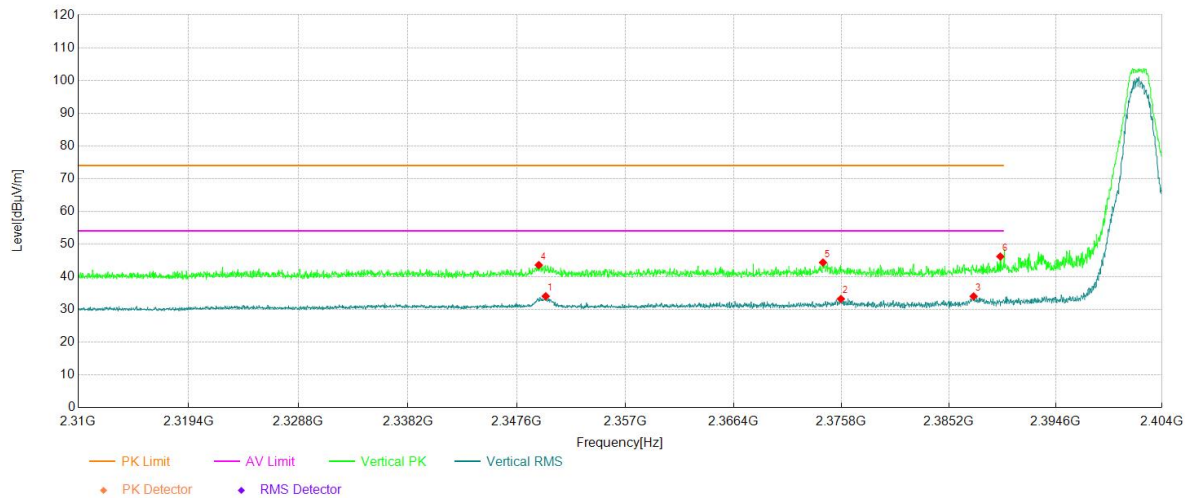
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2349.71	30.02	1.45	31.47	54.00	22.53	Horizontal	PASS
2	2376.42	29.87	1.43	31.30	54.00	22.70	Horizontal	PASS
3	2387.11	30.53	1.42	31.95	54.00	22.05	Horizontal	PASS
4	2349.31	40.61	1.44	42.05	74.00	31.95	Horizontal	PASS
5	2377.83	40.96	1.44	42.40	74.00	31.60	Horizontal	PASS
6	2386.54	41.84	1.42	43.26	74.00	30.74	Horizontal	PASS

Project Information

Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	0
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



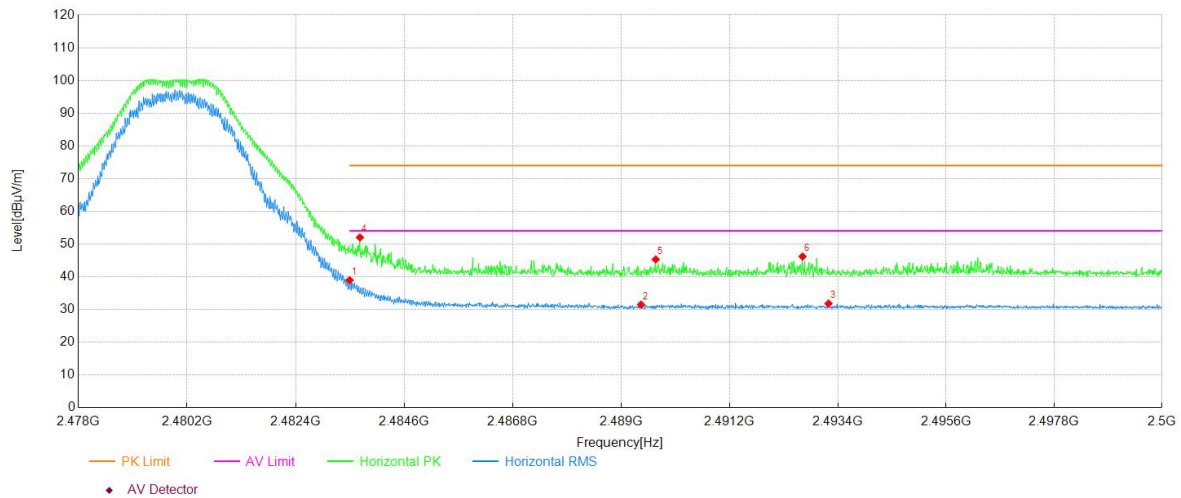
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2350.09	32.60	1.45	34.05	54.00	19.95	Vertical	PASS
2	2375.76	31.80	1.43	33.23	54.00	20.77	Vertical	PASS
3	2387.39	32.60	1.42	34.02	54.00	19.98	Vertical	PASS
4	2349.49	42.13	1.45	43.58	74.00	30.42	Vertical	PASS
5	2374.19	42.92	1.44	44.36	74.00	29.64	Vertical	PASS
6	2389.74	44.76	1.43	46.19	74.00	27.81	Vertical	PASS

Project Information

Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



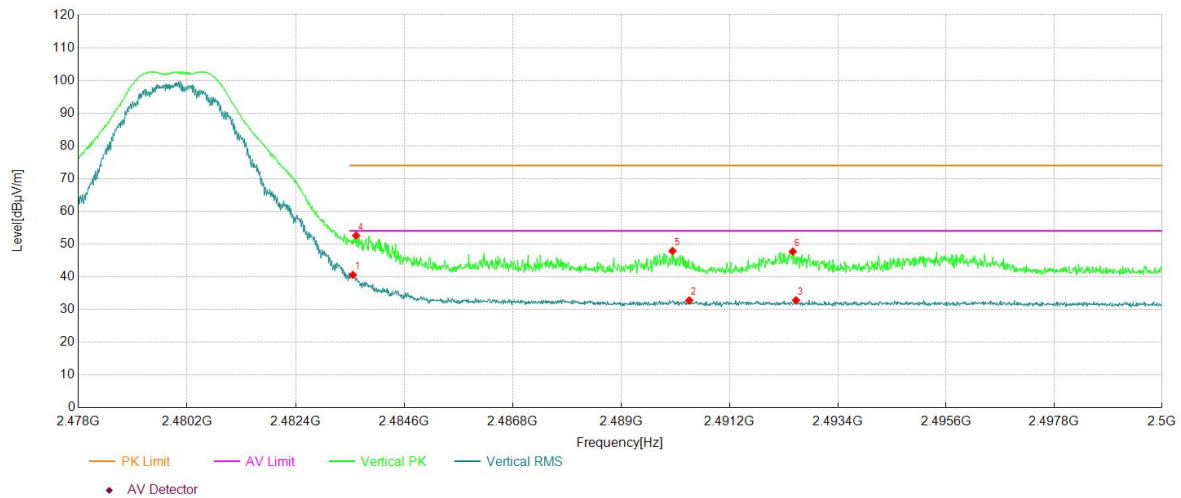
Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.49	37.10	1.85	38.95	-	-	Horizontal	NA
2	2489.40	29.57	1.92	31.49	54.00	22.51	Horizontal	PASS
3	2493.21	29.85	1.96	31.81	54.00	22.19	Horizontal	PASS
4	2483.70	50.16	1.86	52.02	74.00	21.98	Horizontal	PASS
5	2489.70	43.38	1.92	45.30	74.00	28.70	Horizontal	PASS
6	2492.68	44.24	1.95	46.19	74.00	27.81	Horizontal	PASS

Project Information

Mode:	BLE_2M	Band:	-
Bandwidth	-	Channel	39
SN:		Engineer:	Tian Shuo
Remark:			

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.56	38.73	1.85	40.58	54.00	13.42	Vertical	PASS
2	2490.38	30.86	1.93	32.79	54.00	21.21	Vertical	PASS
3	2492.55	30.88	1.95	32.83	54.00	21.17	Vertical	PASS
4	2483.62	50.73	1.86	52.59	74.00	21.41	Vertical	PASS
5	2490.04	45.96	1.93	47.89	74.00	26.11	Vertical	PASS
6	2492.48	45.75	1.95	47.70	74.00	26.30	Vertical	PASS

~The End~