
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.644	2401.656	2402.300	0.5	PASS
		2440	0.656	2439.644	2440.300	0.5	PASS
		2480	0.624	2479.660	2480.284	0.5	PASS

Test Graphs



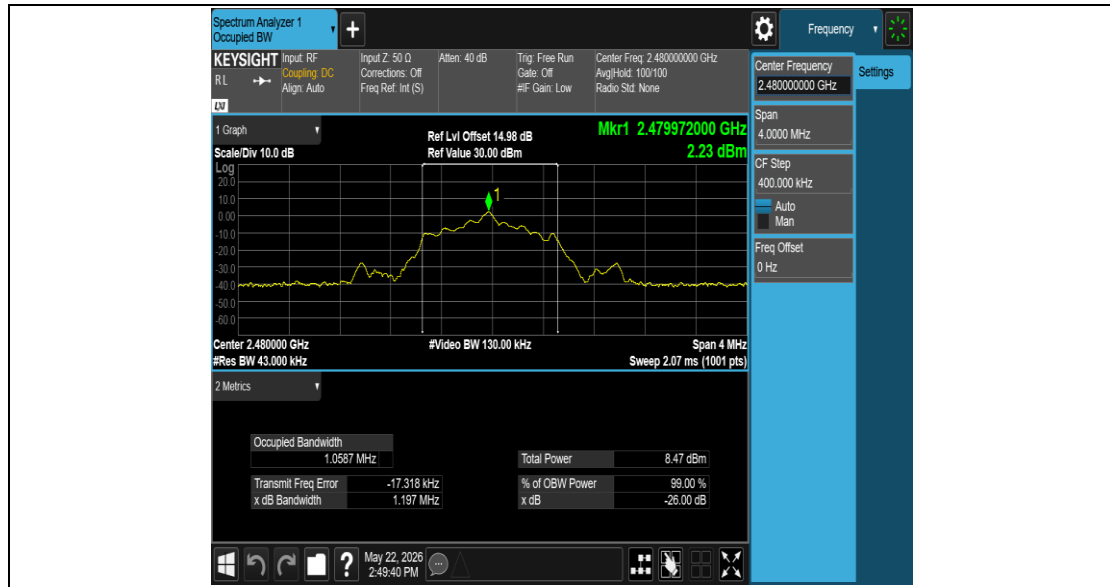
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0587	2401.4550	2402.5137	---	---
		2440	1.0539	2439.4535	2440.5074	---	---
		2480	1.0587	2479.4533	2480.5120	---	---

Test Graphs



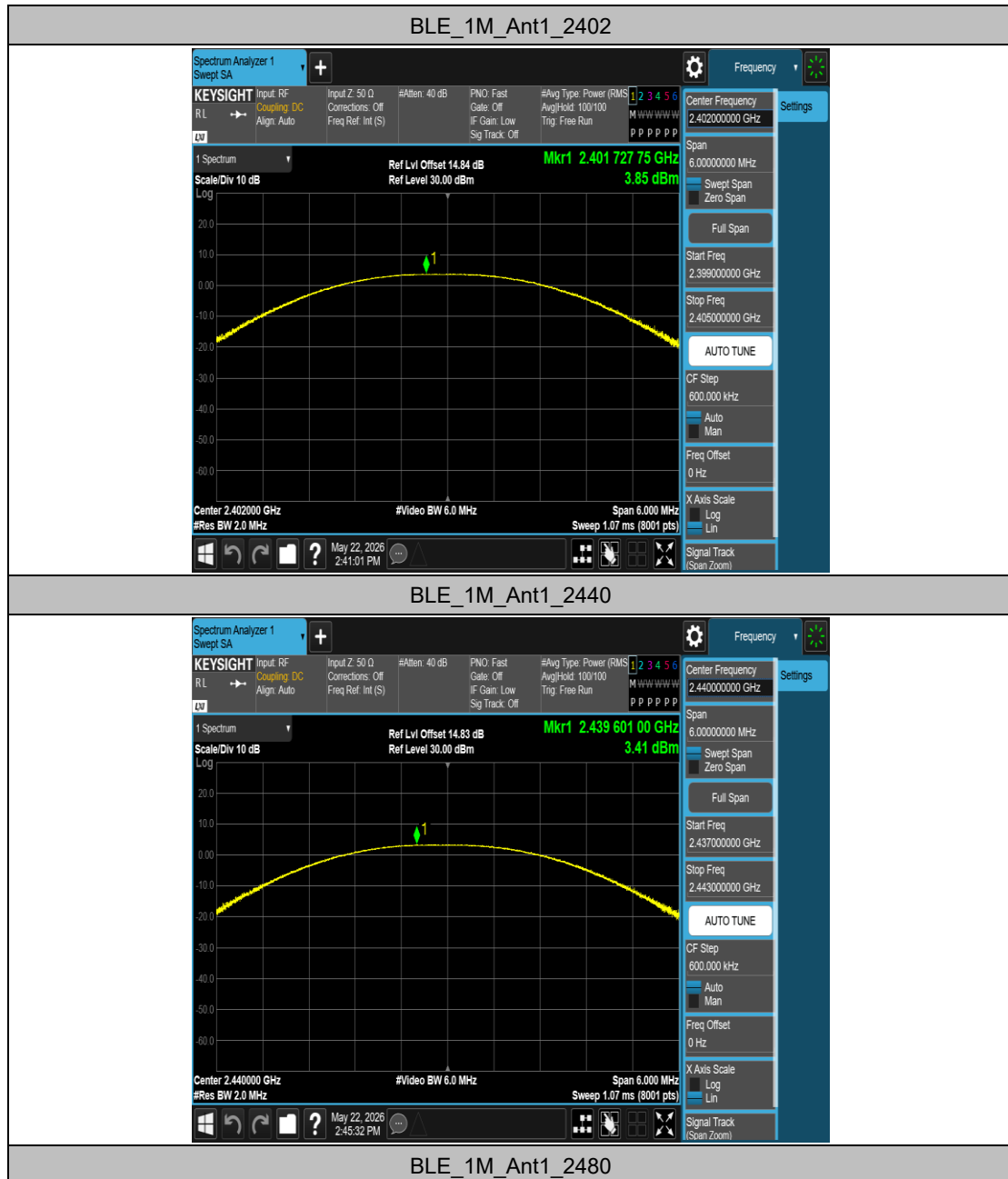


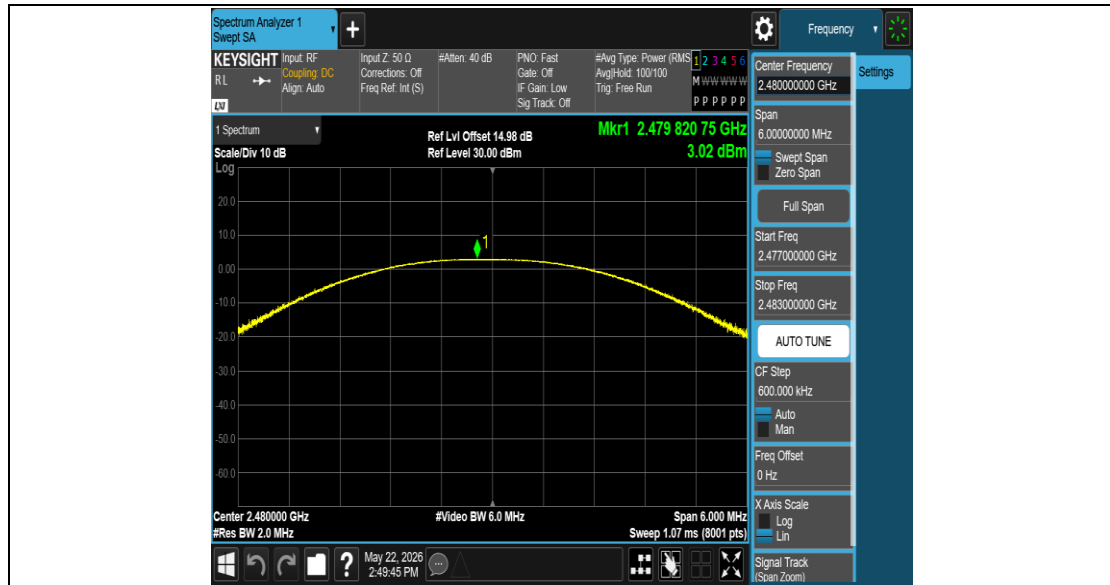
Appendix C: Maximum conducted output power

Test Result

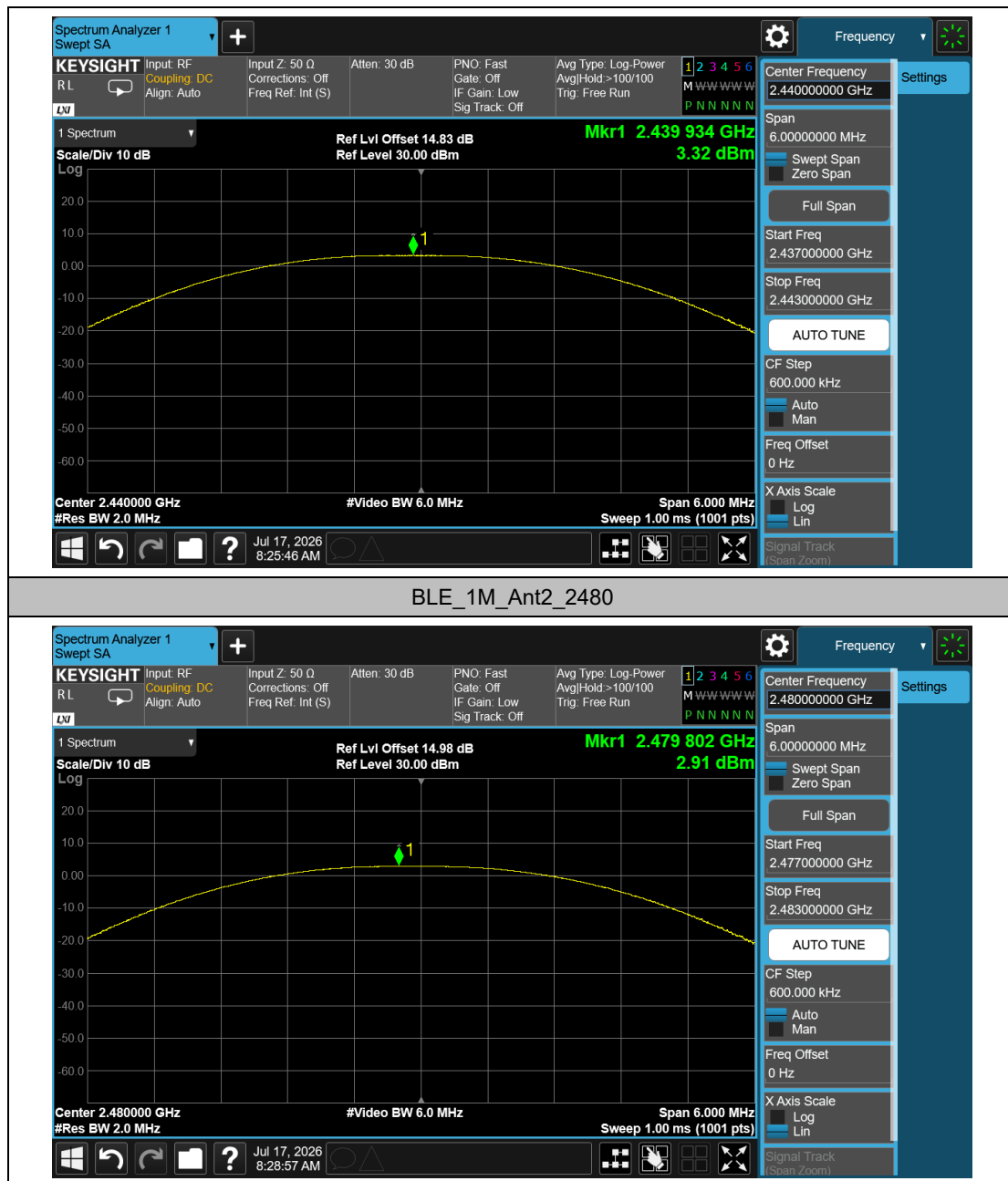
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.85	≤30	PASS
		2440	3.41	≤30	PASS
		2480	3.02	≤30	PASS
	Ant2	2402	3.75	≤30	PASS
		2440	3.32	≤30	PASS
		2480	2.91	≤30	PASS
	Ant3	2402	3.73	≤30	PASS
		2440	3.33	≤30	PASS
		2480	2.95	≤30	PASS
	Ant4	2402	3.76	≤30	PASS
		2440	3.31	≤30	PASS
		2480	2.92	≤30	PASS

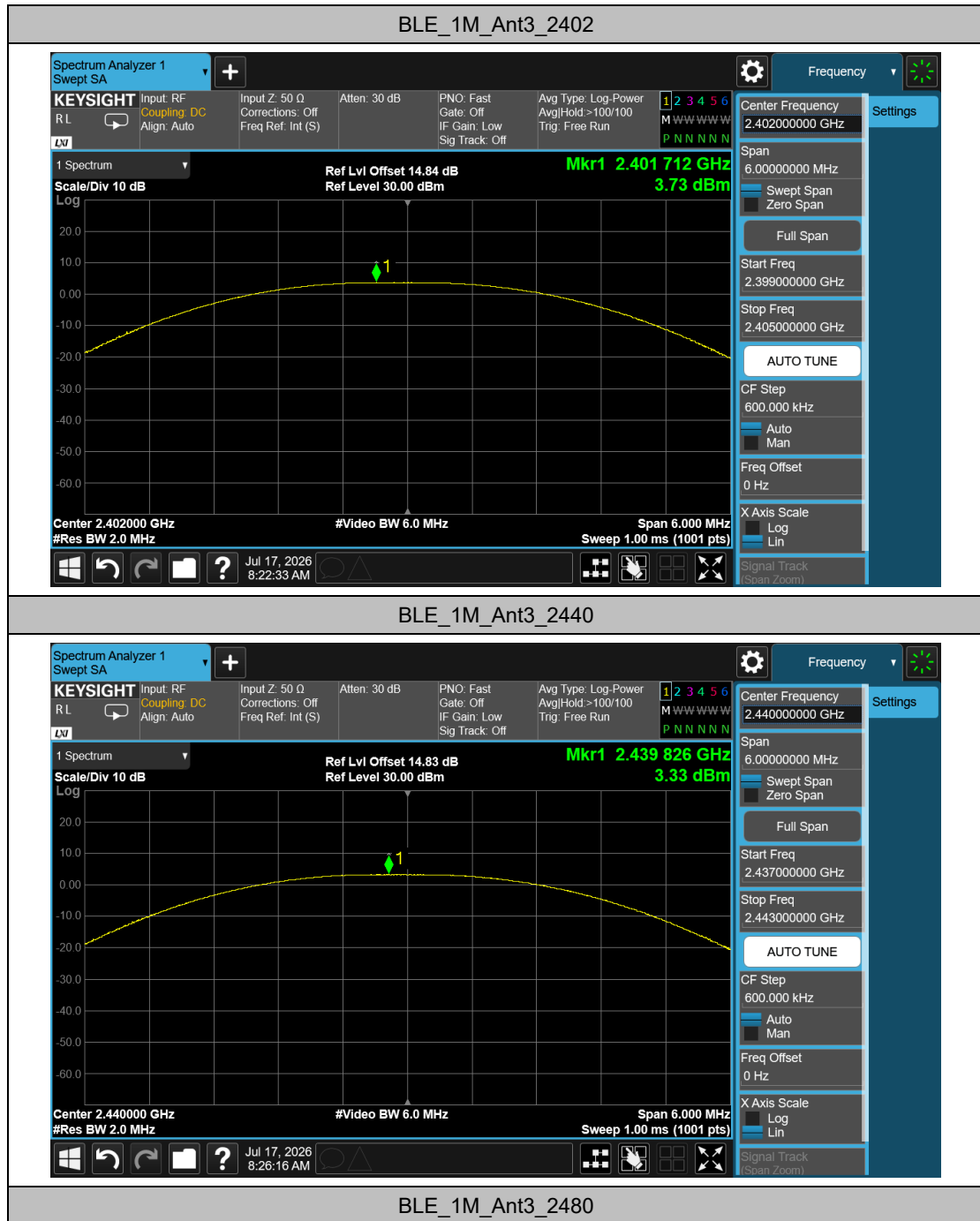
Test Graphs

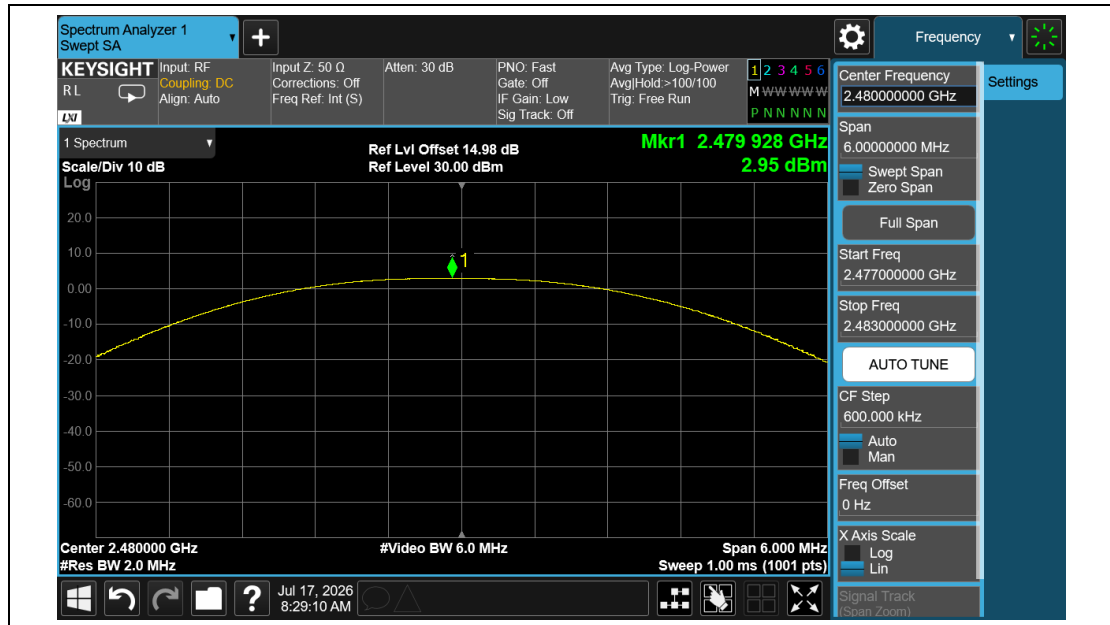


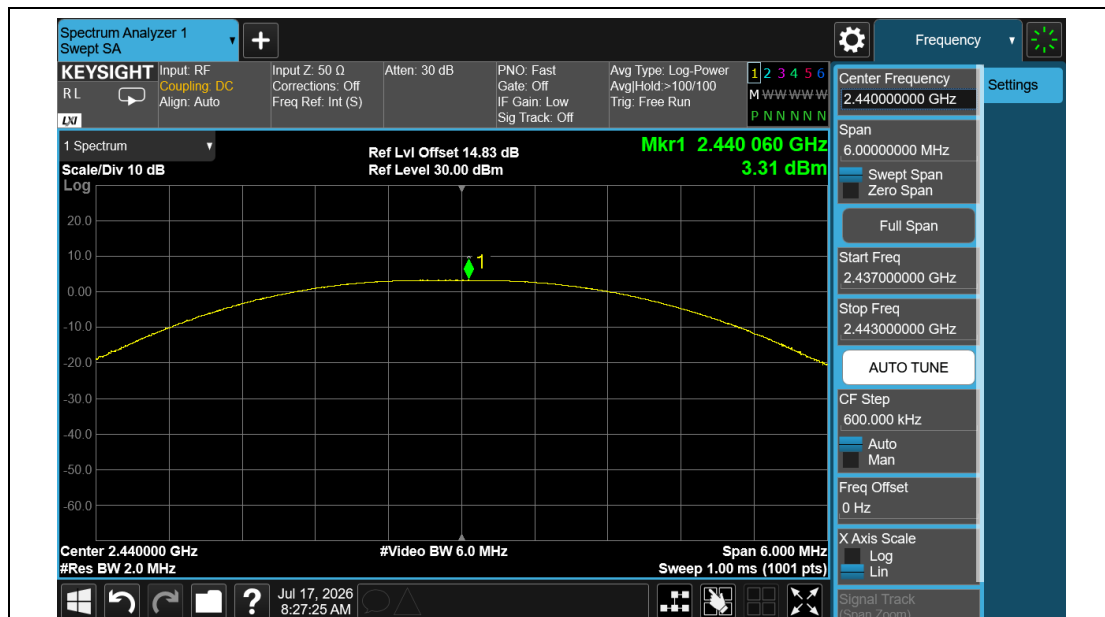


BLE_1M_Ant2_2440

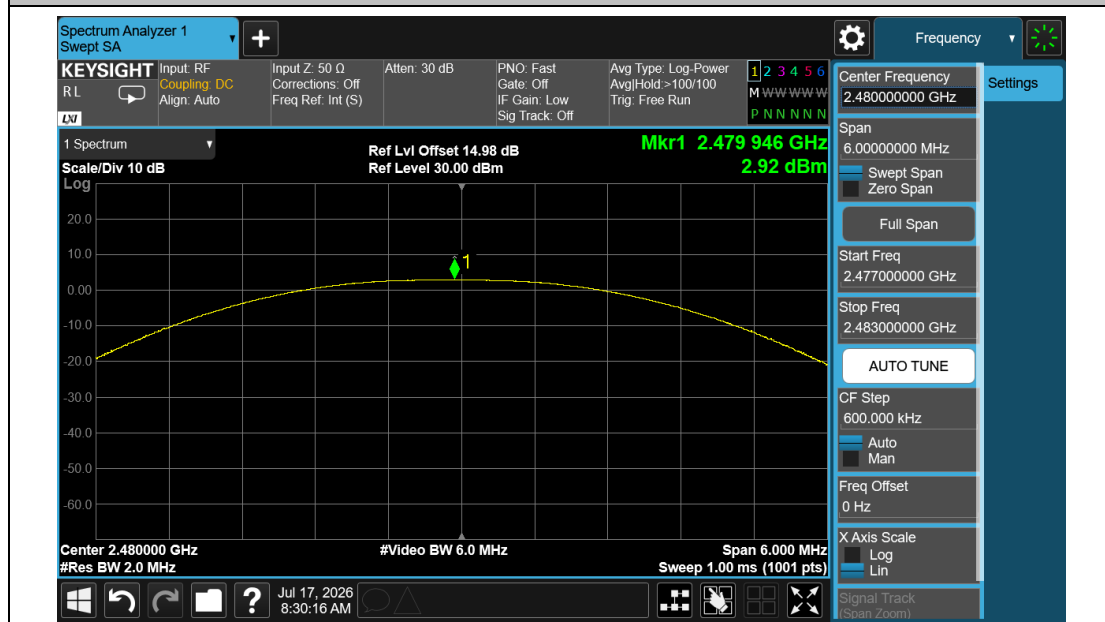








BLE_1M_Ant4_2480

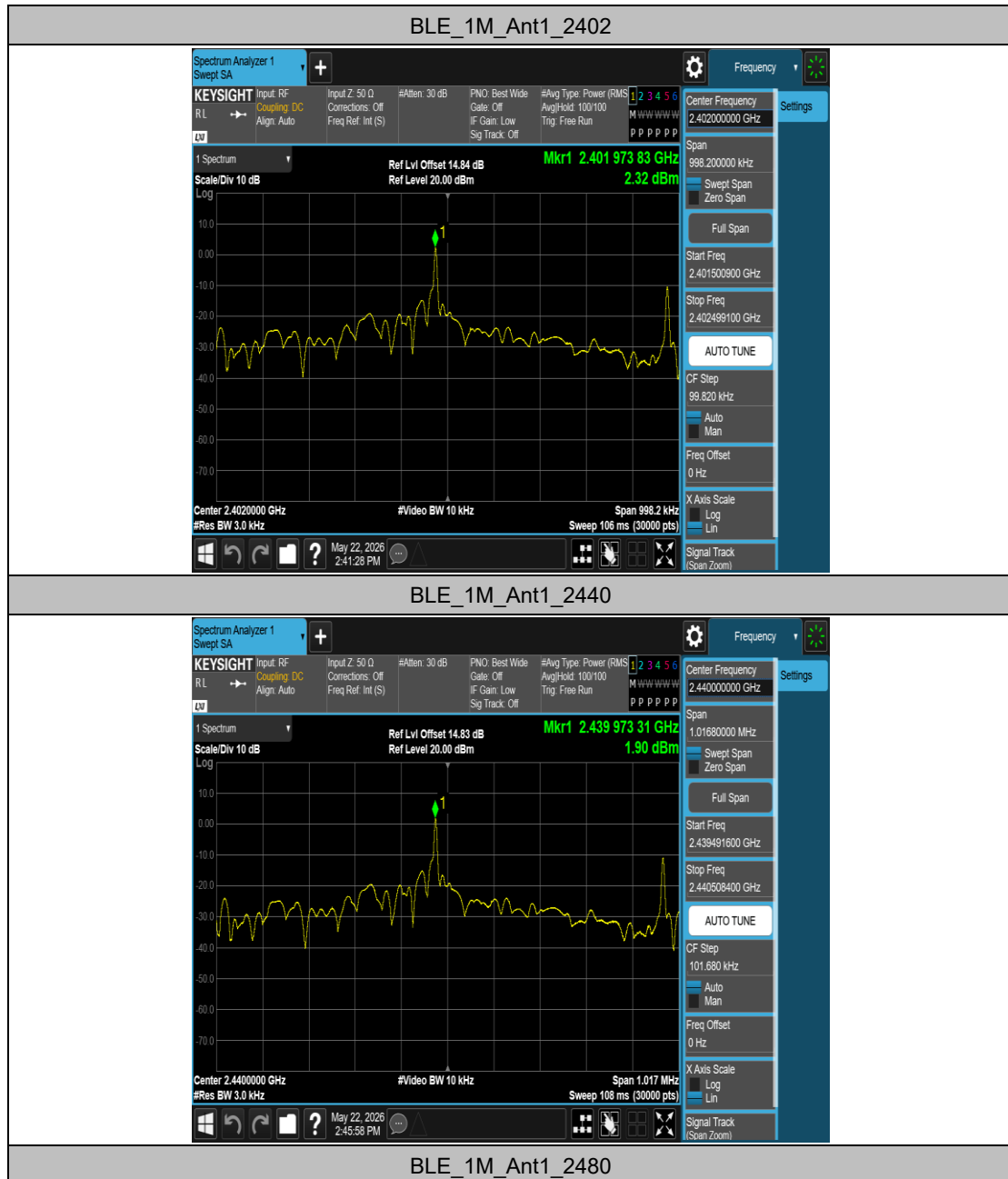


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	2.32	≤8.00	PASS
		2440	1.90	≤8.00	PASS
		2480	1.47	≤8.00	PASS

Test Graphs



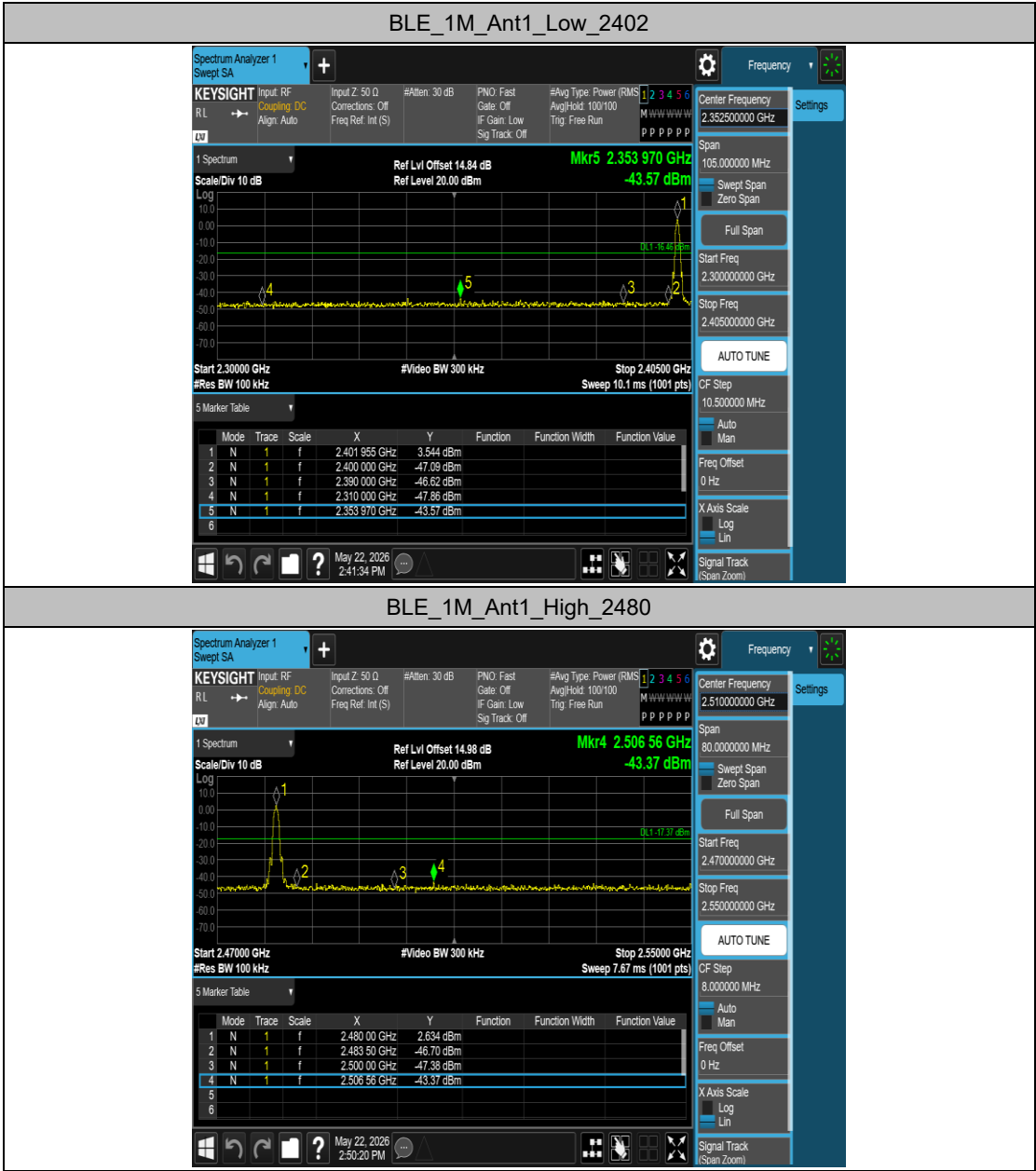


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.54	-43.57	≤-16.46	PASS
		High	2480	2.63	-43.37	≤-17.37	PASS

Test Graphs

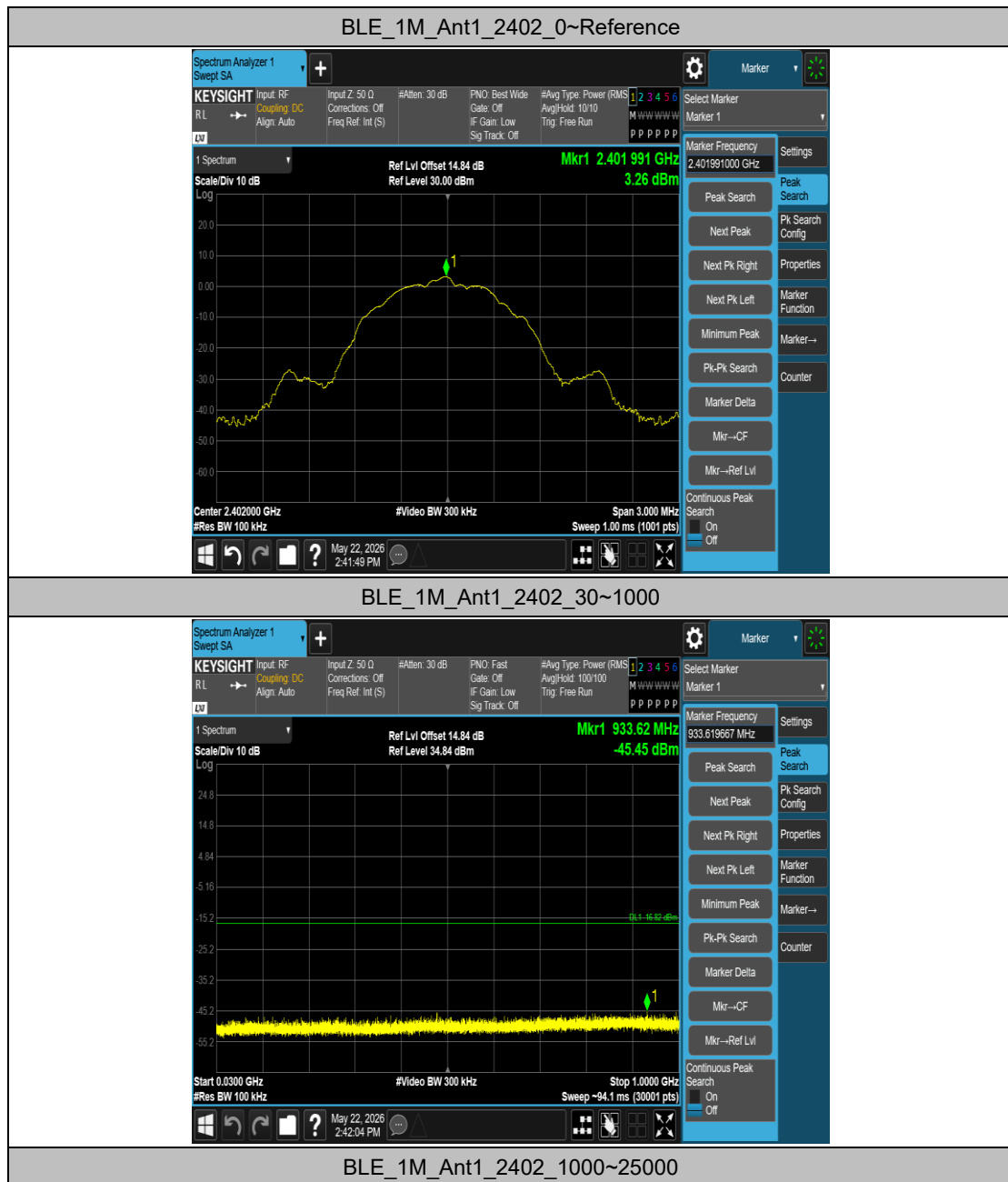


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	3.18	3.18	---	PASS
			30~1000	3.18	-45.45	≤-16.82	PASS
			1000~25000	3.18	-38.71	≤-16.82	PASS
		2440	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-45.26	≤-17.37	PASS
			1000~25000	2.63	-38.94	≤-17.37	PASS
		2480	Reference	2.16	2.16	---	PASS
			30~1000	2.16	-45.05	≤-17.84	PASS
			1000~25000	2.16	-38.53	≤-17.84	PASS

Test Graphs

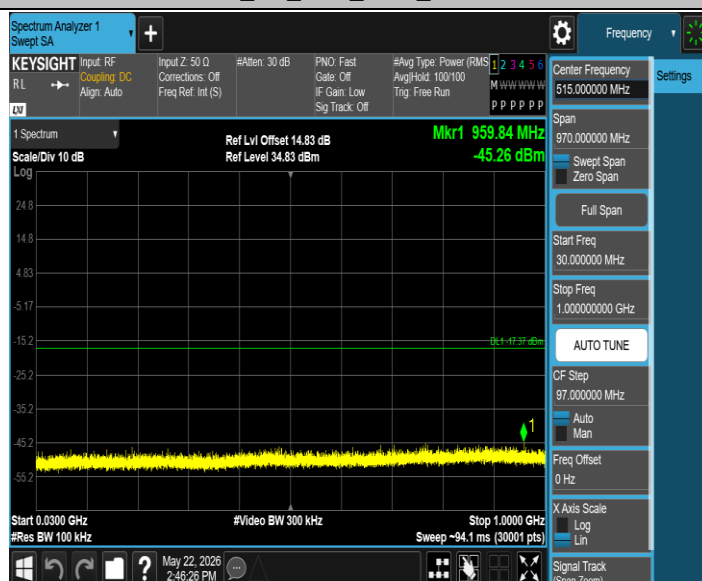




BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



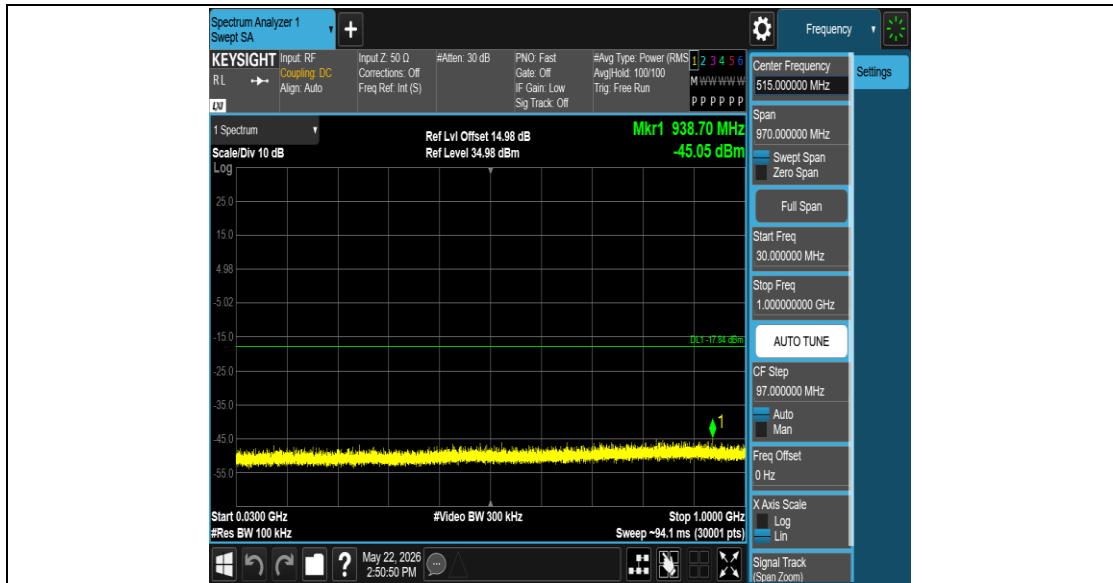
BLE_1M_Ant1_2440_1000~25000



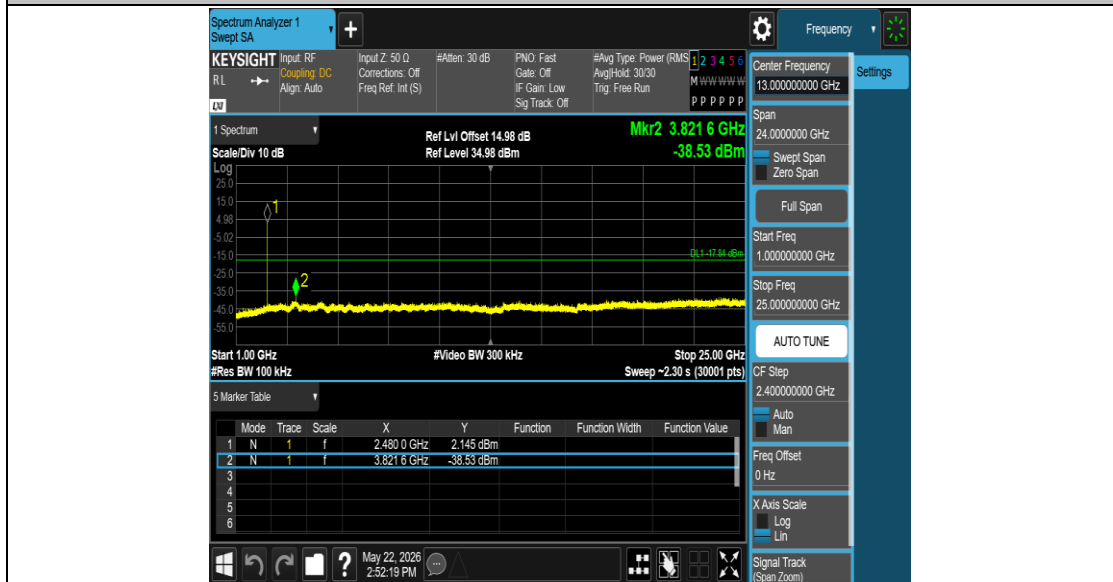
BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~25000



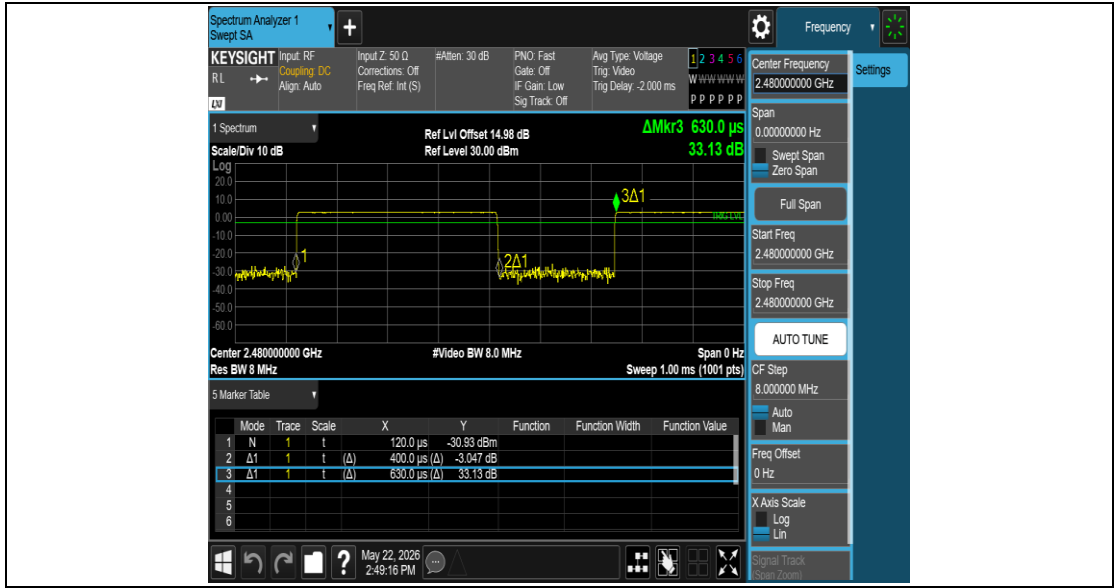
Appendix G: Duty Cycle

Test Result

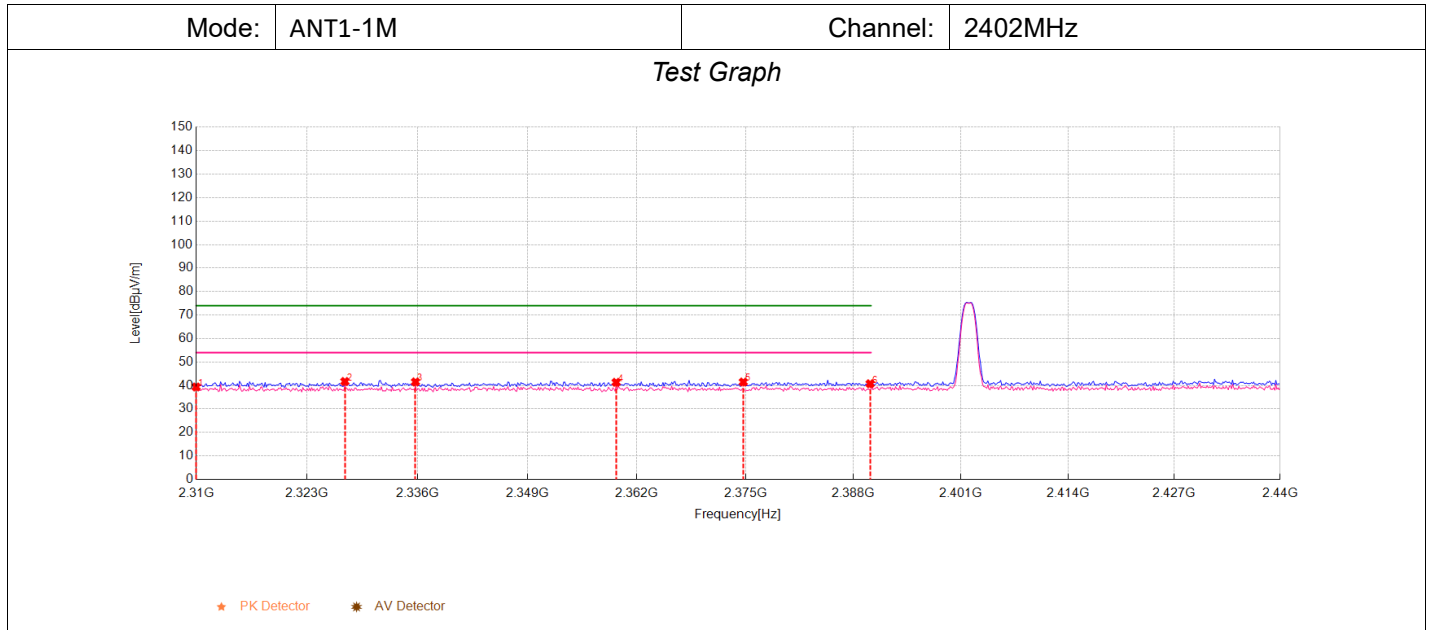
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
BLE_1M	Ant1	2402	0.40	0.63	0.6349	63.49
		2440	0.40	0.63	0.6349	63.49
		2480	0.40	0.63	0.6349	63.49

Test Graphs





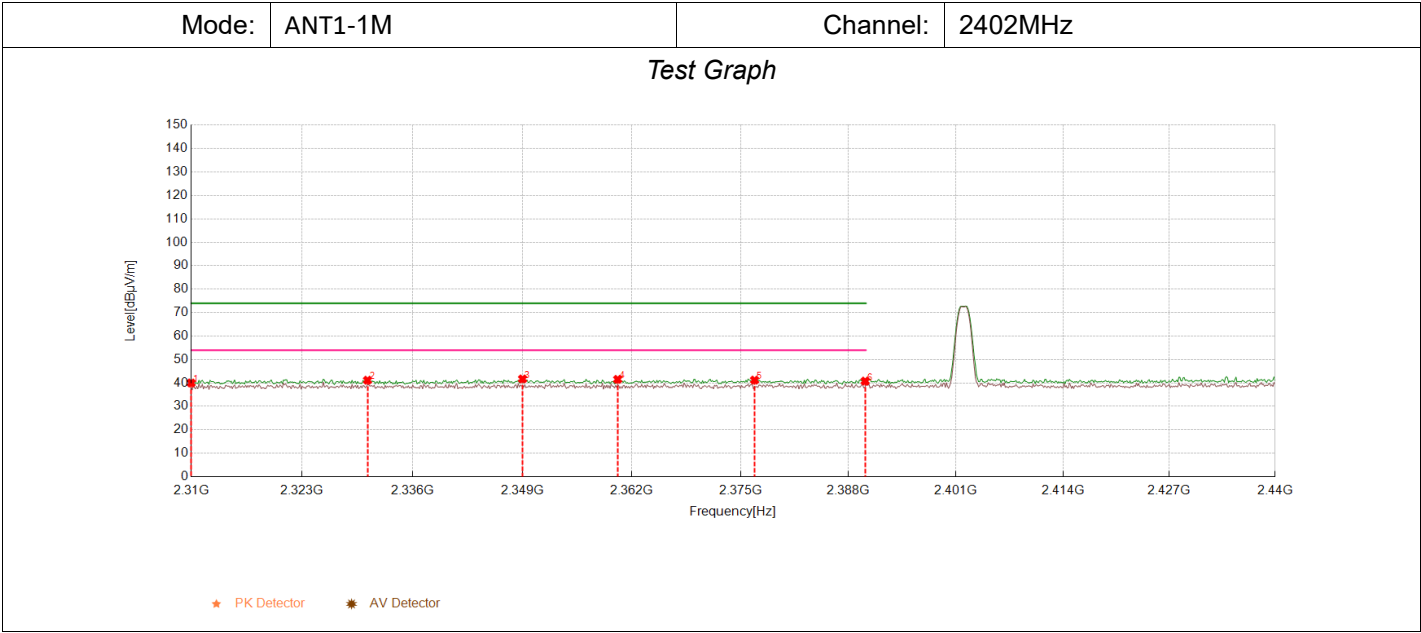
Appendix H: Restricted Band



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	36.69	39.36	2.67	74.00	34.64	150	147	PK	Horizontal	PASS
2	2327.4200	38.83	41.70	2.87	74.00	32.30	150	202	PK	Horizontal	PASS
3	2335.7400	38.71	41.52	2.81	74.00	32.48	150	224	PK	Horizontal	PASS
4	2359.5300	38.38	41.34	2.96	74.00	32.66	150	349	PK	Horizontal	PASS
5	2374.7400	38.48	41.47	2.99	74.00	32.53	150	253	PK	Horizontal	PASS
6	2390.0000	37.79	40.74	2.95	74.00	33.26	150	50	PK	Horizontal	PASS

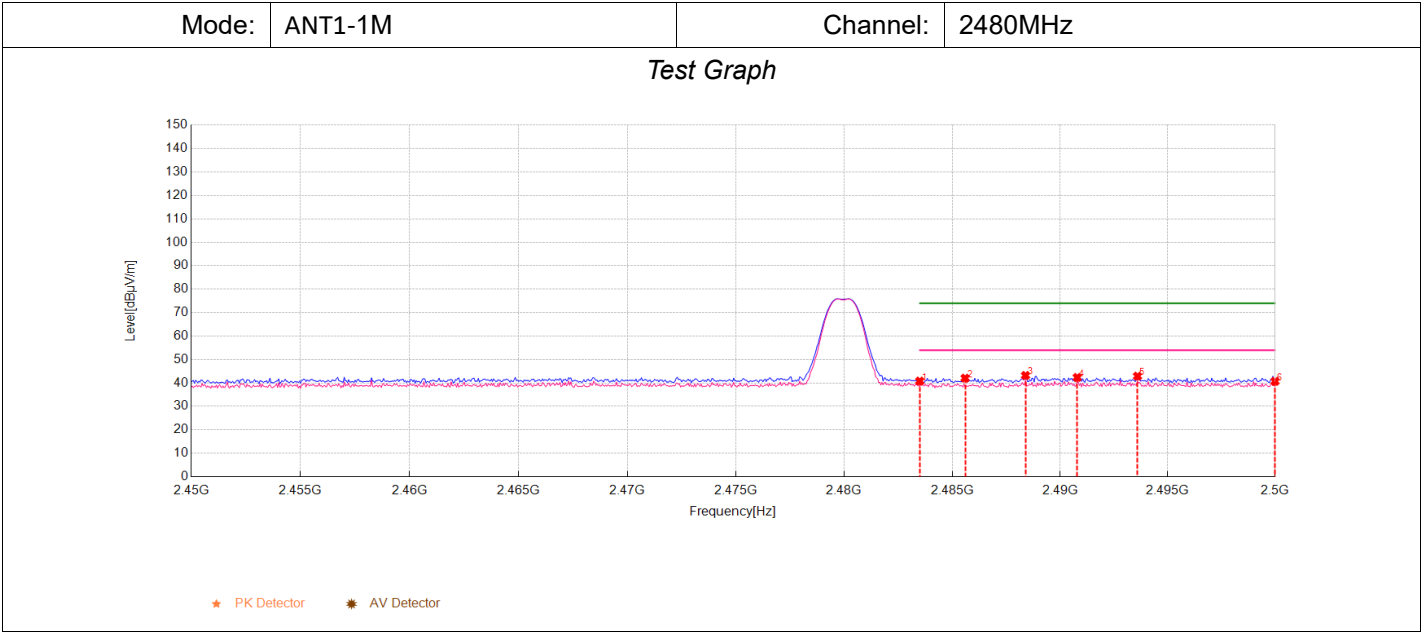
Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level



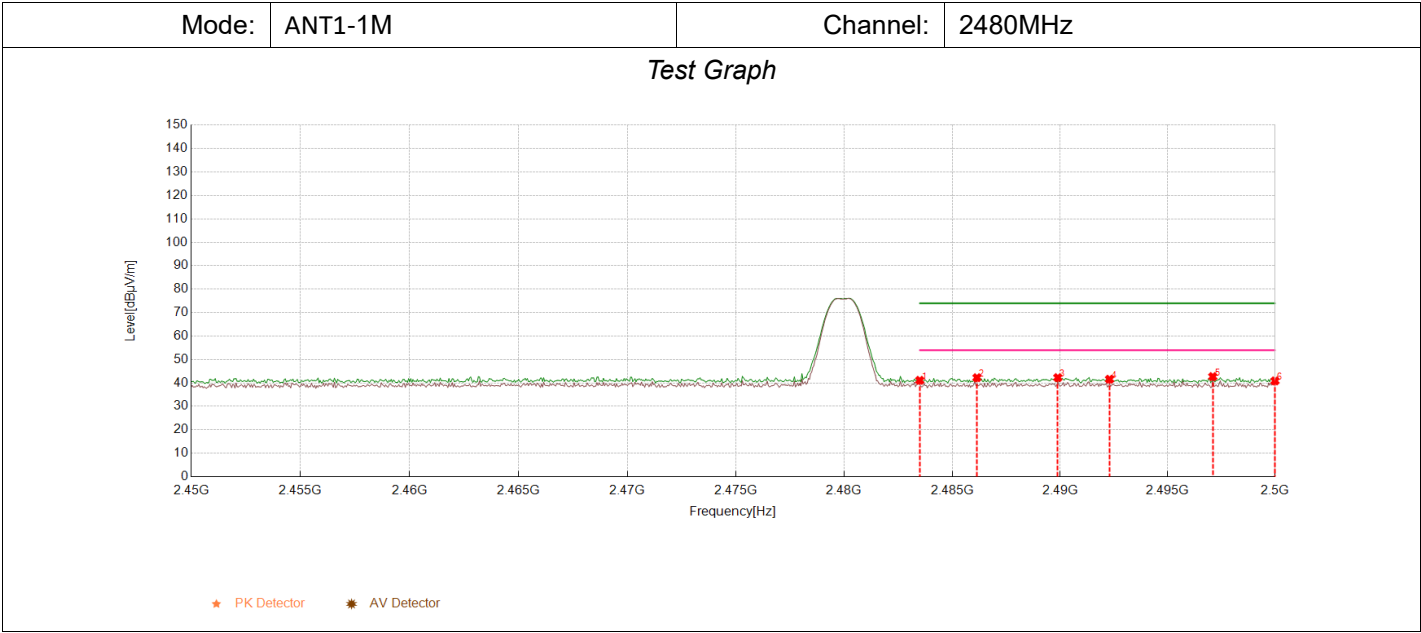
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	37.31	39.98	2.67	74.00	34.02	150	33	PK	Vertical	PASS
2	2330.6700	38.36	41.15	2.79	74.00	32.85	150	188	PK	Vertical	PASS
3	2349.0000	38.69	41.70	3.01	74.00	32.30	150	218	PK	Vertical	PASS
4	2360.3100	38.58	41.53	2.95	74.00	32.47	150	7	PK	Vertical	PASS
5	2376.6900	38.14	41.20	3.06	74.00	32.80	150	151	PK	Vertical	PASS
6	2390.0000	37.83	40.78	2.95	74.00	33.22	150	205	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



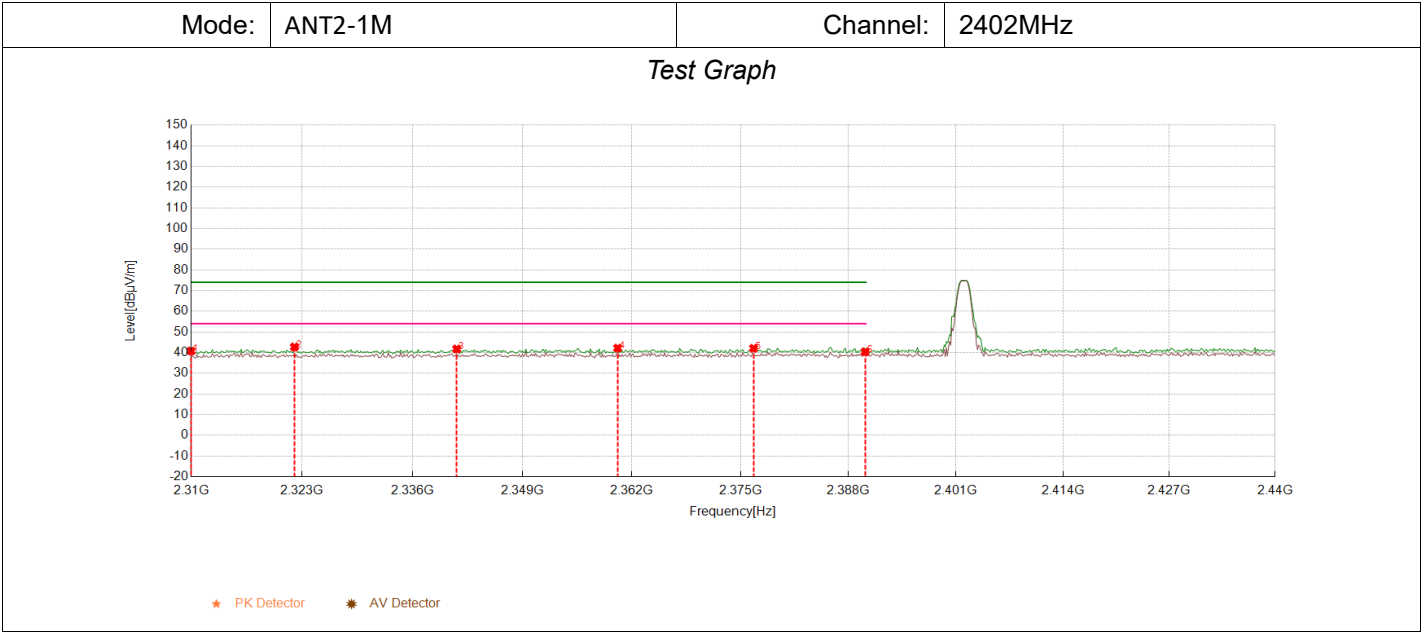
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.33	40.79	3.46	74.00	33.21	150	341	PK	Horizontal	PASS
2	2485.6000	38.52	42.02	3.50	74.00	31.98	150	92	PK	Horizontal	PASS
3	2488.4000	39.68	43.18	3.50	74.00	30.82	150	76	PK	Horizontal	PASS
4	2490.8000	38.79	42.34	3.55	74.00	31.66	150	43	PK	Horizontal	PASS
5	2493.6000	39.30	42.89	3.59	74.00	31.11	150	3	PK	Horizontal	PASS
6	2500.0000	37.17	40.67	3.50	74.00	33.33	150	143	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



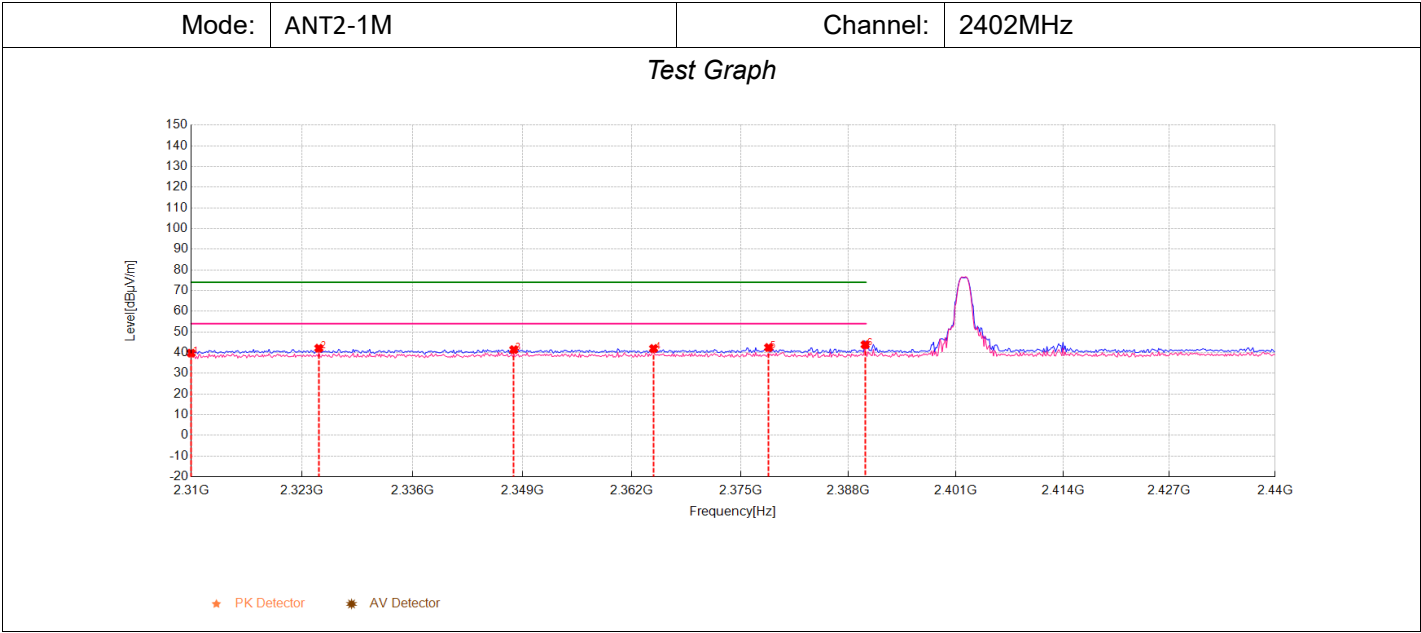
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.65	41.11	3.46	74.00	32.89	150	313	PK	Vertical	PASS
2	2486.1500	38.76	42.24	3.48	74.00	31.76	150	335	PK	Vertical	PASS
3	2489.9000	38.70	42.27	3.57	74.00	31.73	150	169	PK	Vertical	PASS
4	2492.3000	38.01	41.57	3.56	74.00	32.43	150	341	PK	Vertical	PASS
5	2497.1000	39.11	42.70	3.59	74.00	31.30	150	313	PK	Vertical	PASS
6	2500.0000	37.36	40.86	3.50	74.00	33.14	150	360	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



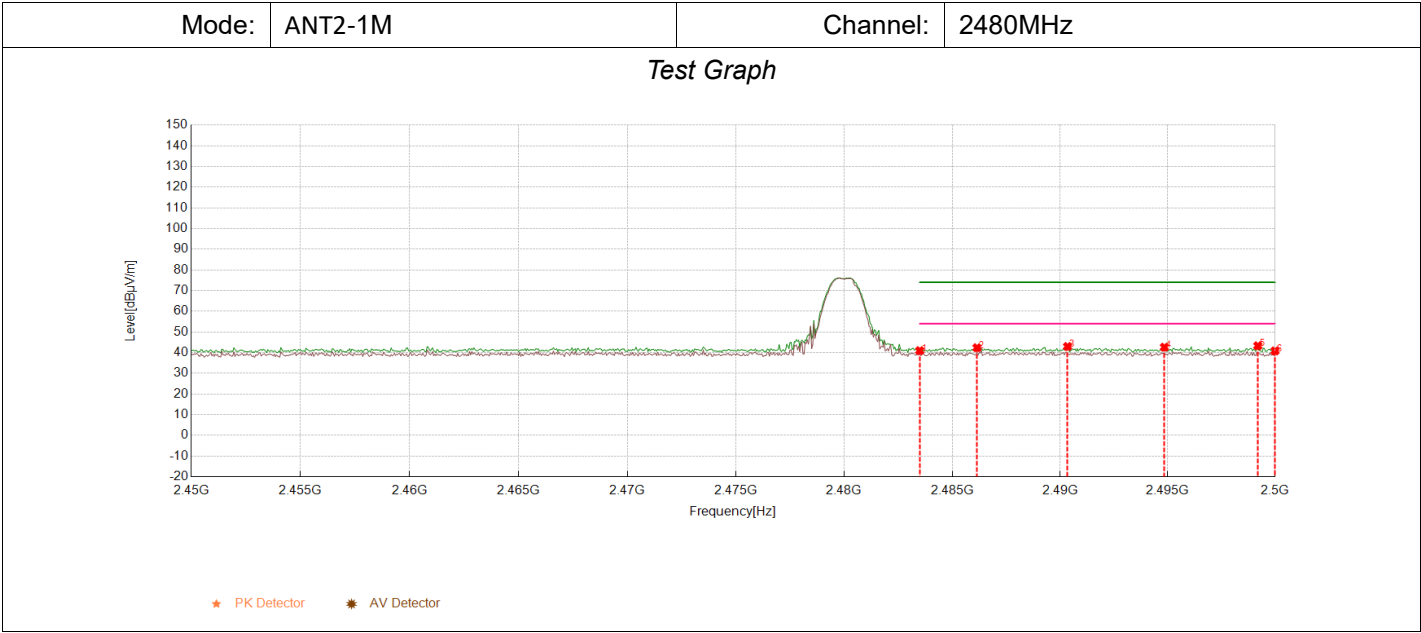
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	38.11	40.78	2.67	74.00	33.22	150	267	PK	Vertical	PASS
2	2322.0900	39.85	42.73	2.88	74.00	31.27	150	53	PK	Vertical	PASS
3	2341.2000	38.89	41.76	2.87	74.00	32.24	150	330	PK	Vertical	PASS
4	2360.3100	39.24	42.19	2.95	74.00	31.81	150	205	PK	Vertical	PASS
5	2376.5600	39.02	42.08	3.06	74.00	31.92	150	200	PK	Vertical	PASS
6	2390.0000	37.44	40.39	2.95	74.00	33.61	150	217	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



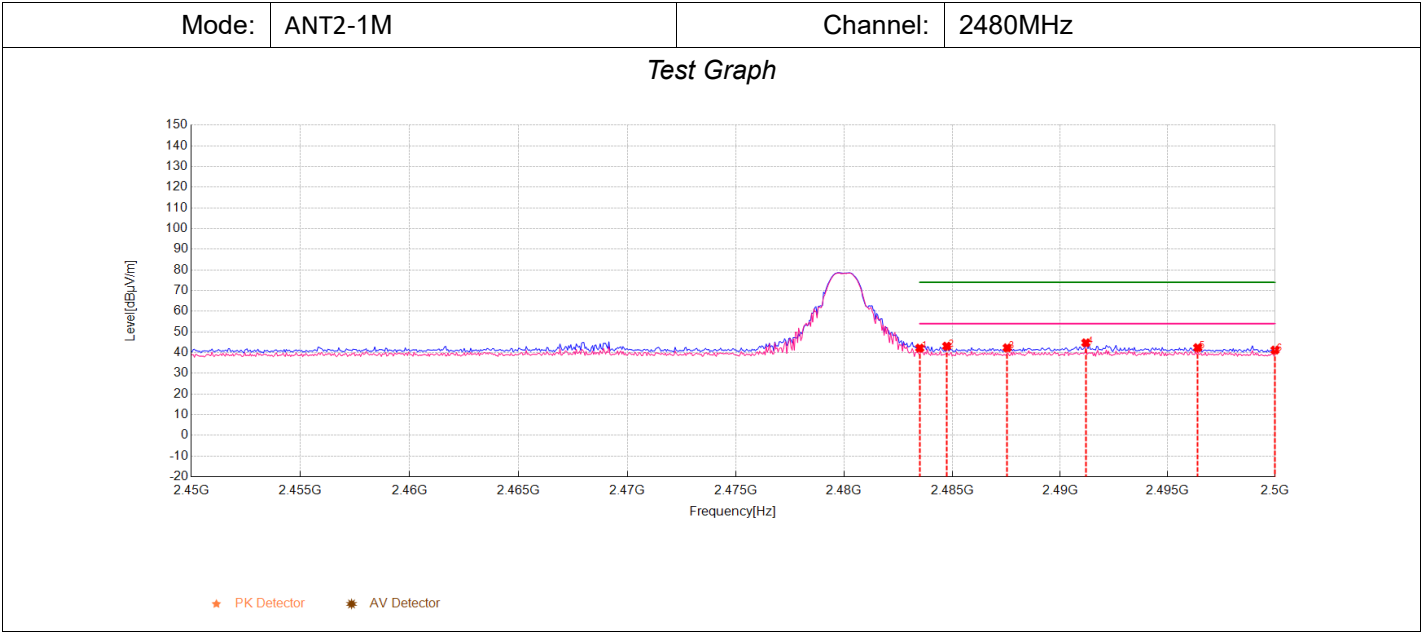
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	37.06	39.73	2.67	74.00	34.27	150	325	PK	Horizontal	PASS
2	2324.9500	39.27	42.12	2.85	74.00	31.88	150	9	PK	Horizontal	PASS
3	2347.9600	38.46	41.42	2.96	74.00	32.58	150	320	PK	Horizontal	PASS
4	2364.6000	39.01	41.98	2.97	74.00	32.02	150	80	PK	Horizontal	PASS
5	2378.3800	39.39	42.46	3.07	74.00	31.54	150	103	PK	Horizontal	PASS
6	2390.0000	40.88	43.83	2.95	74.00	30.17	150	98	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



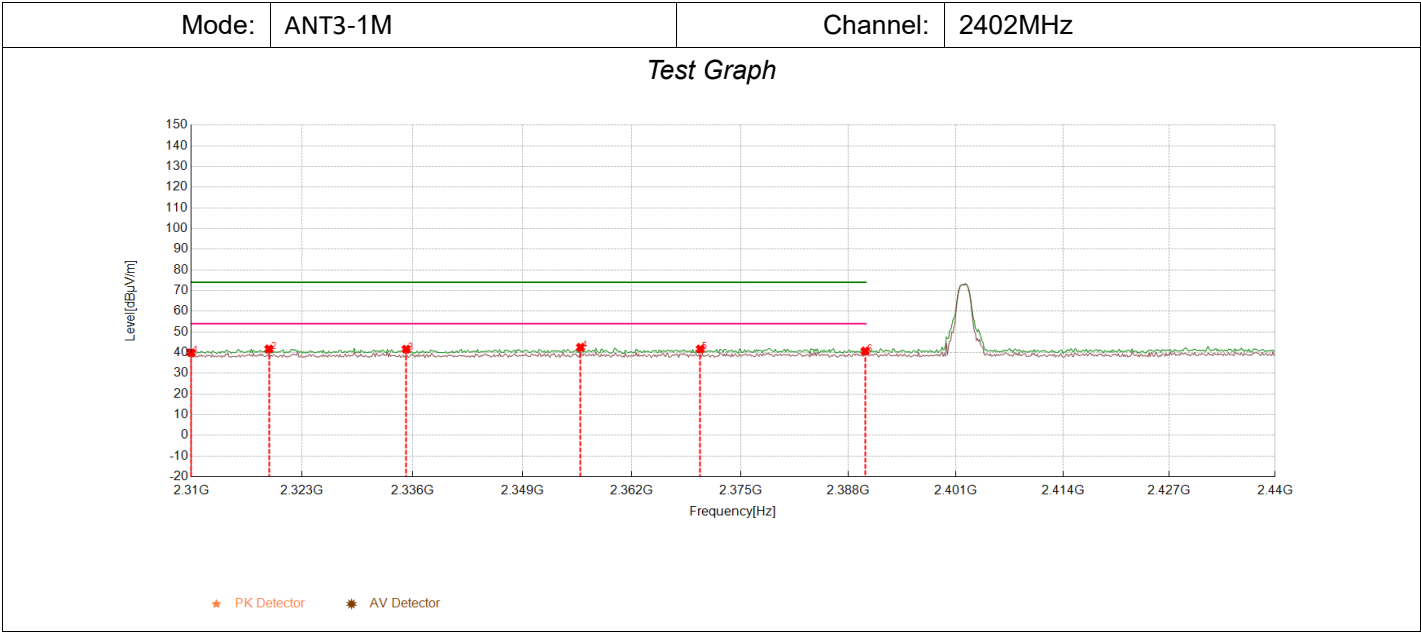
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.49	40.95	3.46	74.00	33.05	150	143	PK	Vertical	PASS
2	2486.1500	38.89	42.37	3.48	74.00	31.63	150	202	PK	Vertical	PASS
3	2490.3500	39.40	42.96	3.56	74.00	31.04	150	283	PK	Vertical	PASS
4	2494.8500	39.06	42.62	3.56	74.00	31.38	150	116	PK	Vertical	PASS
5	2499.2000	39.79	43.29	3.50	74.00	30.71	150	291	PK	Vertical	PASS
6	2500.0000	37.32	40.82	3.50	74.00	33.18	150	87	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



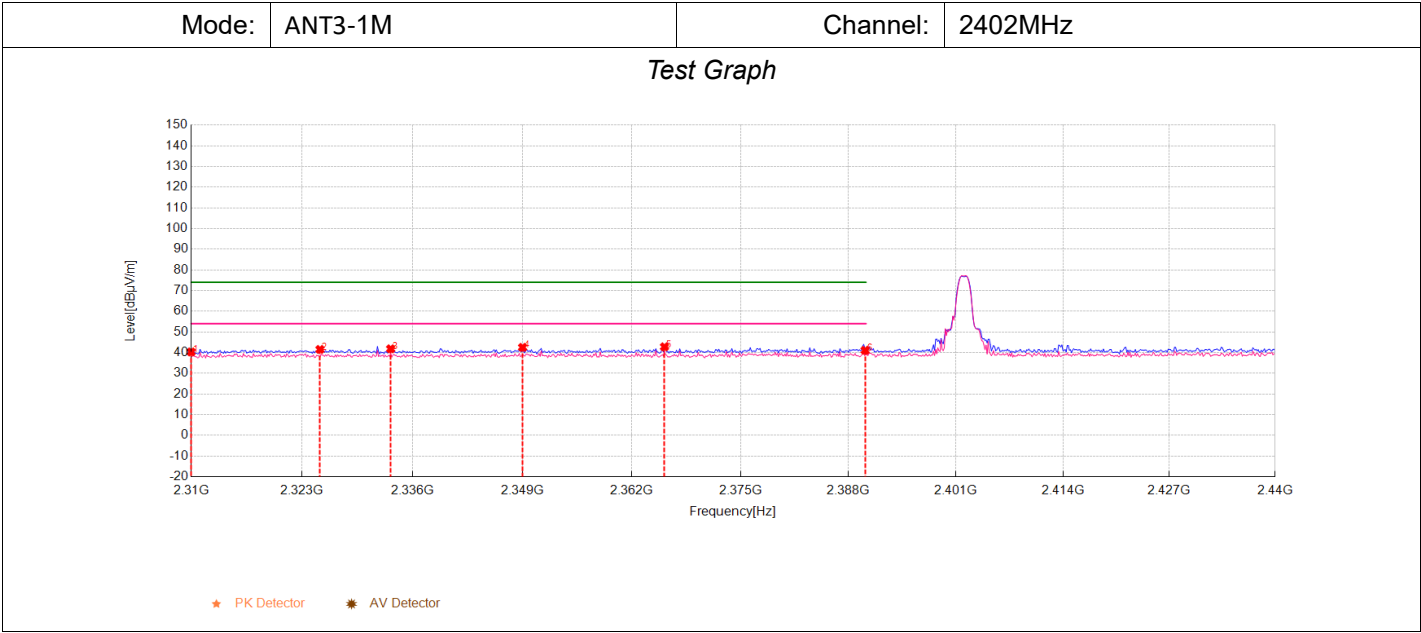
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	38.73	42.19	3.46	74.00	31.81	150	78	PK	Horizontal	PASS
2	2484.7500	39.60	43.12	3.52	74.00	30.88	150	313	PK	Horizontal	PASS
3	2487.5500	38.83	42.33	3.50	74.00	31.67	150	142	PK	Horizontal	PASS
4	2491.2000	41.19	44.74	3.55	74.00	29.26	150	26	PK	Horizontal	PASS
5	2496.4000	38.83	42.40	3.57	74.00	31.60	150	224	PK	Horizontal	PASS
6	2500.0000	37.73	41.23	3.50	74.00	32.77	150	197	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



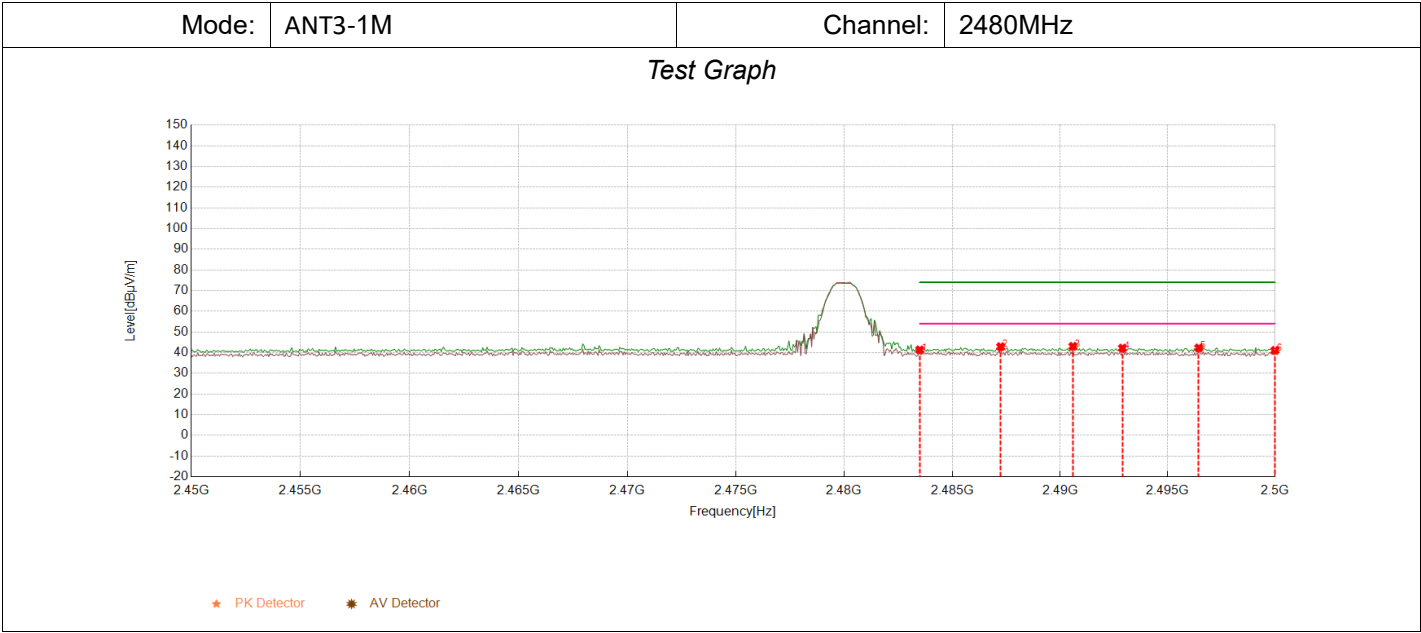
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	37.27	39.94	2.67	74.00	34.06	150	360	PK	Vertical	PASS
2	2319.1000	38.85	41.76	2.91	74.00	32.24	150	9	PK	Vertical	PASS
3	2335.2200	38.82	41.63	2.81	74.00	32.37	150	193	PK	Vertical	PASS
4	2355.8900	39.59	42.56	2.97	74.00	31.44	150	37	PK	Vertical	PASS
5	2370.1900	38.68	41.72	3.04	74.00	32.28	150	101	PK	Vertical	PASS
6	2390.0000	37.80	40.75	2.95	74.00	33.25	150	147	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



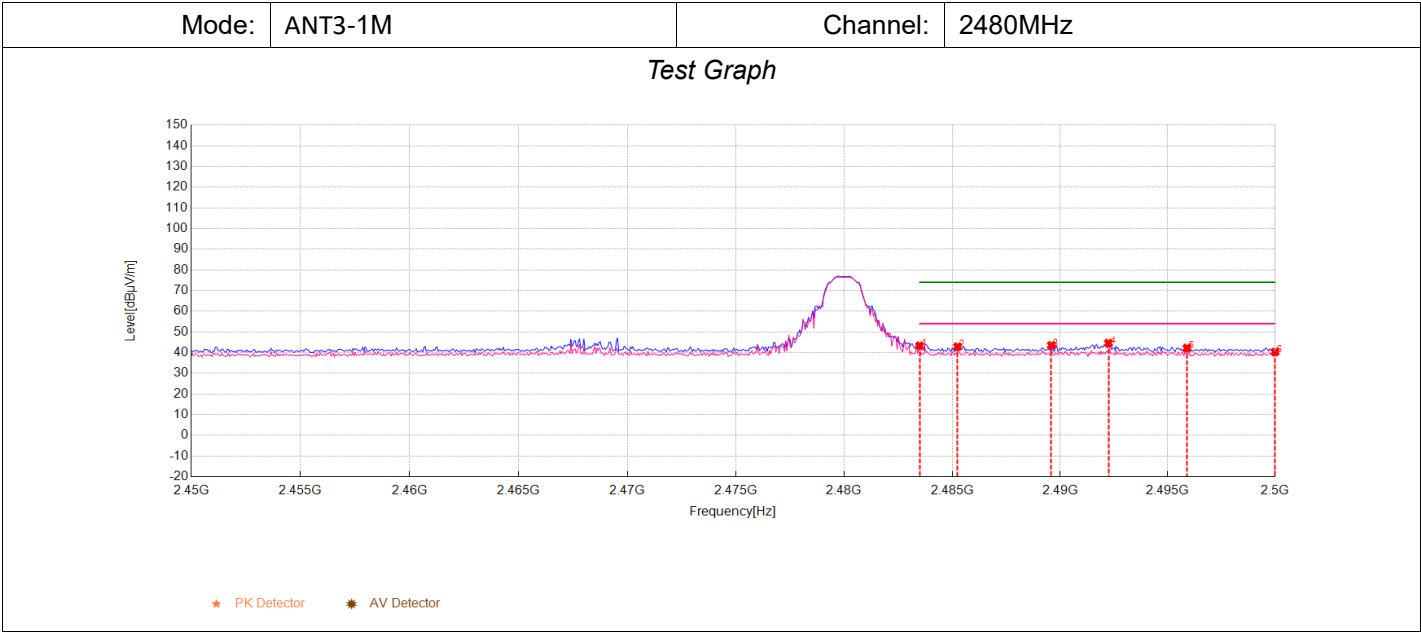
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2310.0000	37.66	40.33	2.67	74.00	33.67	150	92	PK	Horizontal	PASS
2	2325.0800	38.67	41.53	2.86	74.00	32.47	150	180	PK	Horizontal	PASS
3	2333.4000	39.06	41.83	2.77	74.00	32.17	150	97	PK	Horizontal	PASS
4	2349.0000	39.52	42.53	3.01	74.00	31.47	150	214	PK	Horizontal	PASS
5	2365.9000	39.80	42.79	2.99	74.00	31.21	150	89	PK	Horizontal	PASS
6	2390.0000	38.14	41.09	2.95	74.00	32.91	150	72	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



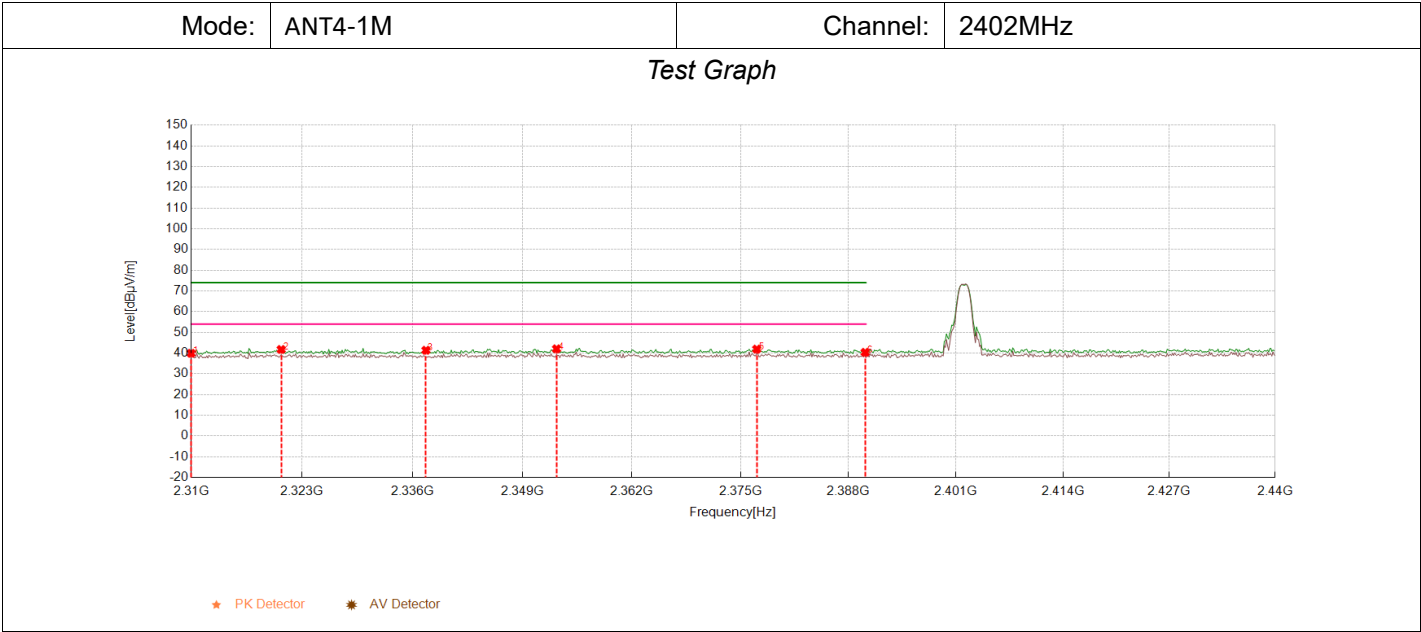
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	37.86	41.32	3.46	74.00	32.68	150	23	PK	Vertical	PASS
2	2487.2500	39.36	42.88	3.52	74.00	31.12	150	85	PK	Vertical	PASS
3	2490.6000	39.48	43.04	3.56	74.00	30.96	150	138	PK	Vertical	PASS
4	2492.9000	38.61	42.18	3.57	74.00	31.82	150	360	PK	Vertical	PASS
5	2496.4500	38.69	42.26	3.57	74.00	31.74	150	58	PK	Vertical	PASS
6	2500.0000	37.58	41.08	3.50	74.00	32.92	150	258	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



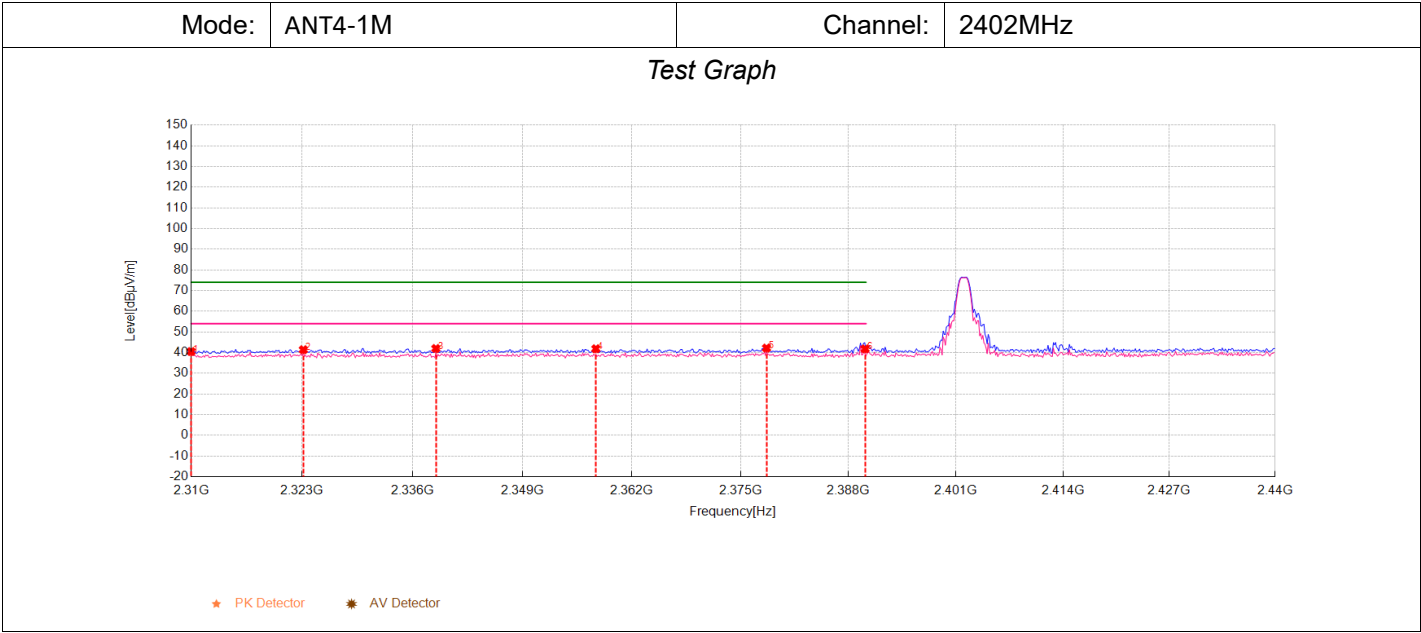
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2483.5000	39.87	43.33	3.46	74.00	30.67	150	104	PK	Horizontal	PASS
2	2485.2500	39.34	42.86	3.52	74.00	31.14	150	9	PK	Horizontal	PASS
3	2489.6000	39.96	43.53	3.57	74.00	30.47	150	9	PK	Horizontal	PASS
4	2492.2500	41.04	44.60	3.56	74.00	29.40	150	54	PK	Horizontal	PASS
5	2495.9000	38.67	42.23	3.56	74.00	31.77	150	329	PK	Horizontal	PASS
6	2500.0000	36.82	40.32	3.50	74.00	33.68	150	260	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



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	37.23	39.90	2.67	74.00	34.10	150	214	PK	Vertical	PASS
2	2320.5300	38.83	41.75	2.92	74.00	32.25	150	294	PK	Vertical	PASS
3	2337.5600	38.56	41.37	2.81	74.00	32.63	150	343	PK	Vertical	PASS
4	2353.0300	39.09	42.05	2.96	74.00	31.95	150	108	PK	Vertical	PASS
5	2376.9500	38.83	41.90	3.07	74.00	32.10	150	276	PK	Vertical	PASS
6	2390.0000	37.41	40.36	2.95	74.00	33.64	150	90	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level



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	37.86	40.53	2.67	74.00	33.47	150	73	PK	Horizontal	PASS
2	2323.1300	38.53	41.39	2.86	74.00	32.61	150	43	PK	Horizontal	PASS
3	2338.7300	39.14	41.97	2.83	74.00	32.03	150	230	PK	Horizontal	PASS
4	2357.7100	38.90	41.85	2.95	74.00	32.15	150	176	PK	Horizontal	PASS
5	2378.1200	39.13	42.21	3.08	74.00	31.79	150	333	PK	Horizontal	PASS
6	2390.0000	38.86	41.81	2.95	74.00	32.19	150	323	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level