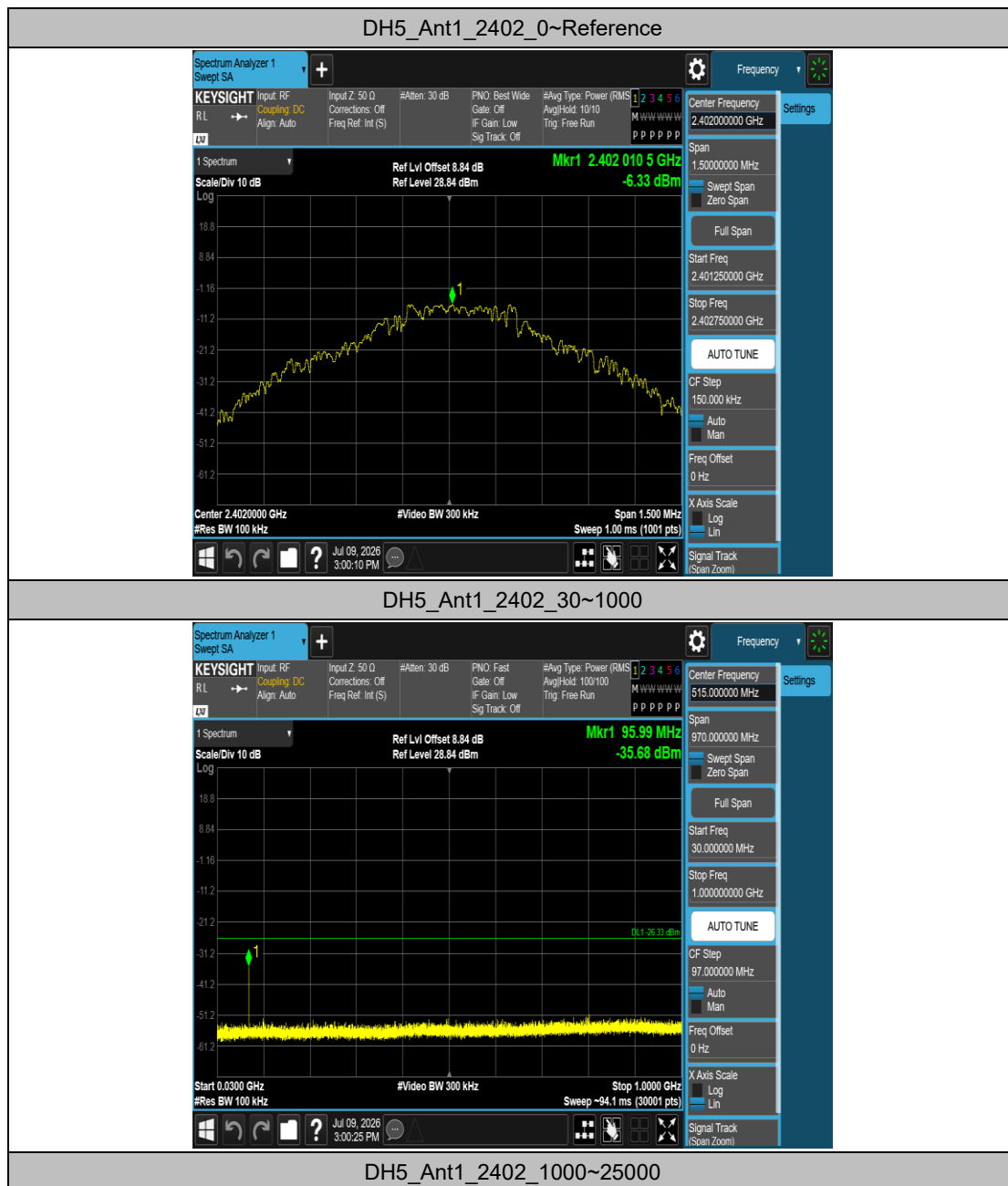


Appendix H: Conducted Spurious Emission

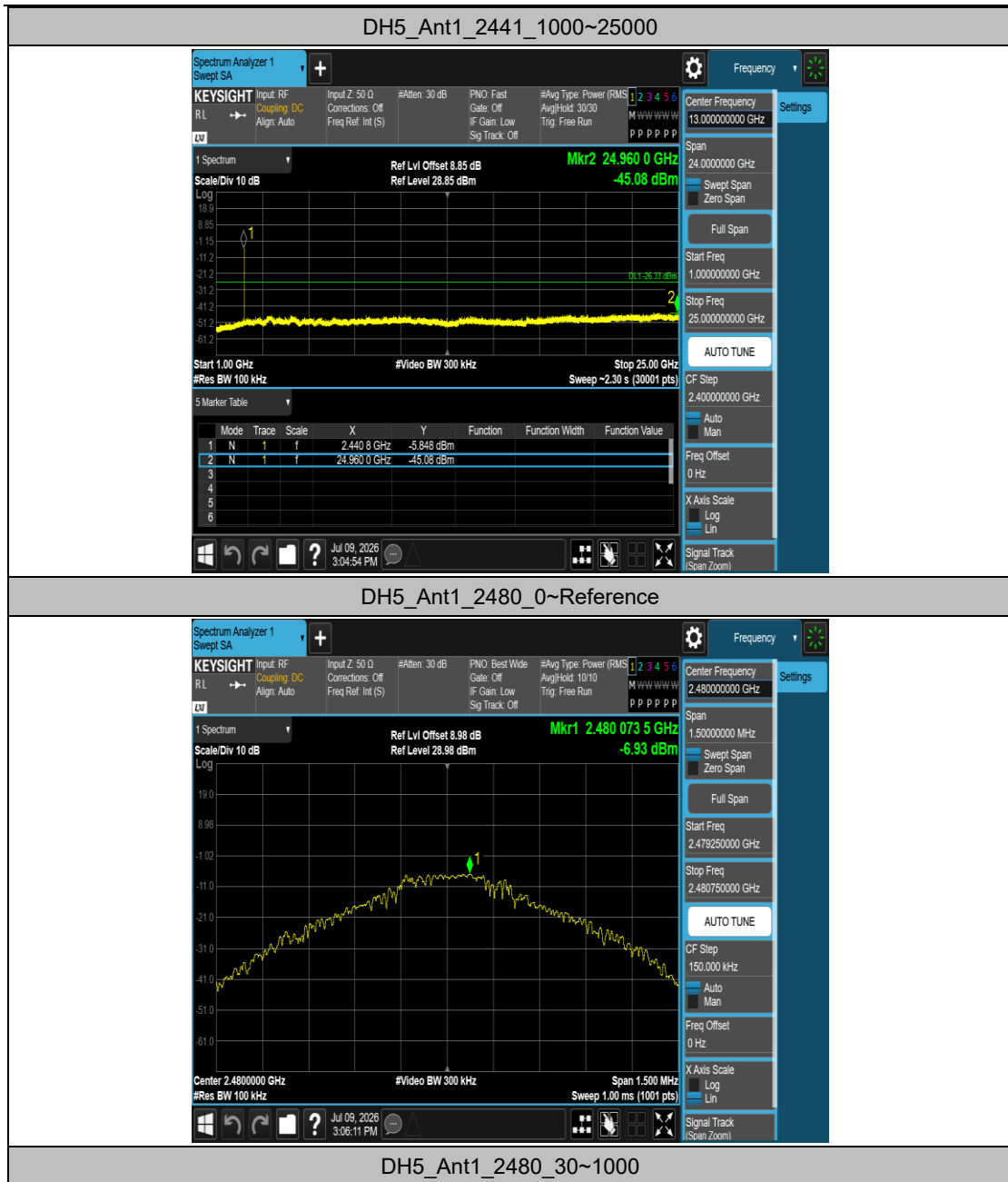
Test Result

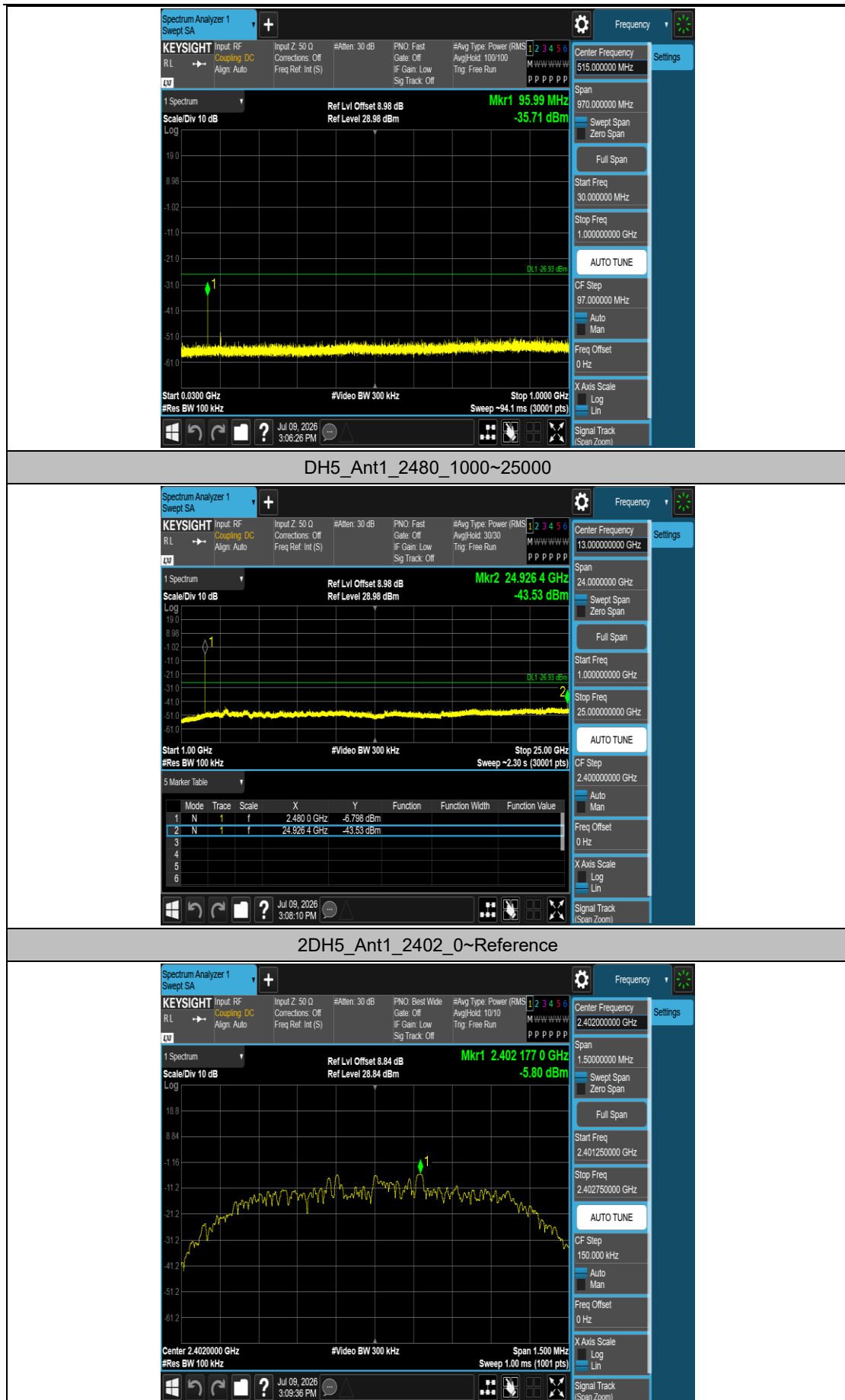
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-6.33	-6.33	---	PASS
			30~1000	-6.33	-35.68	≤-26.33	PASS
			1000~25000	-6.33	-44.98	≤-26.33	PASS
		2441	Reference	-6.33	-6.33	---	PASS
			30~1000	-6.33	-34.43	≤-26.33	PASS
			1000~25000	-6.33	-45.08	≤-26.33	PASS
		2480	Reference	-6.93	-6.93	---	PASS
			30~1000	-6.93	-35.71	≤-26.93	PASS
			1000~25000	-6.93	-43.53	≤-26.93	PASS
2DH5	Ant1	2402	Reference	-5.80	-5.80	---	PASS
			30~1000	-5.80	-37	≤-25.8	PASS
			1000~25000	-5.80	-44.52	≤-25.8	PASS
		2441	Reference	-5.70	-5.70	---	PASS
			30~1000	-5.70	-35.68	≤-25.7	PASS
			1000~25000	-5.70	-44.11	≤-25.7	PASS
		2480	Reference	-10.52	-10.52	---	PASS
			30~1000	-10.52	-35.22	≤-30.52	PASS
			1000~25000	-10.52	-44.41	≤-30.52	PASS
3DH5	Ant1	2402	Reference	-5.72	-5.72	---	PASS
			30~1000	-5.72	-35.31	≤-25.72	PASS
			1000~25000	-5.72	-44.14	≤-25.72	PASS
		2441	Reference	-5.90	-5.90	---	PASS
			30~1000	-5.90	-35.22	≤-25.9	PASS
			1000~25000	-5.90	-44.35	≤-25.9	PASS
		2480	Reference	-8.41	-8.41	---	PASS
			30~1000	-8.41	-34.81	≤-28.41	PASS
			1000~25000	-8.41	-43.88	≤-28.41	PASS

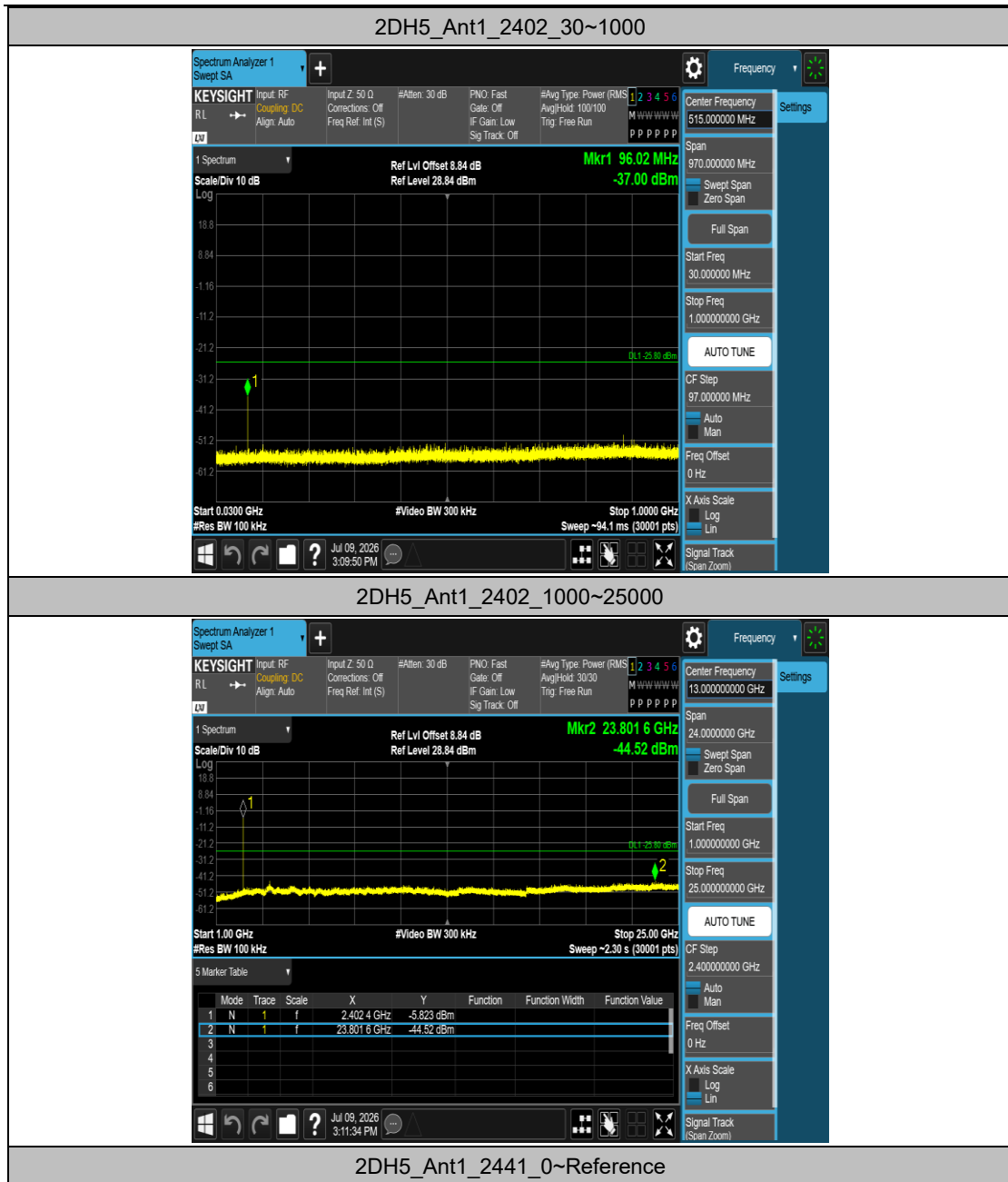
Test Graphs

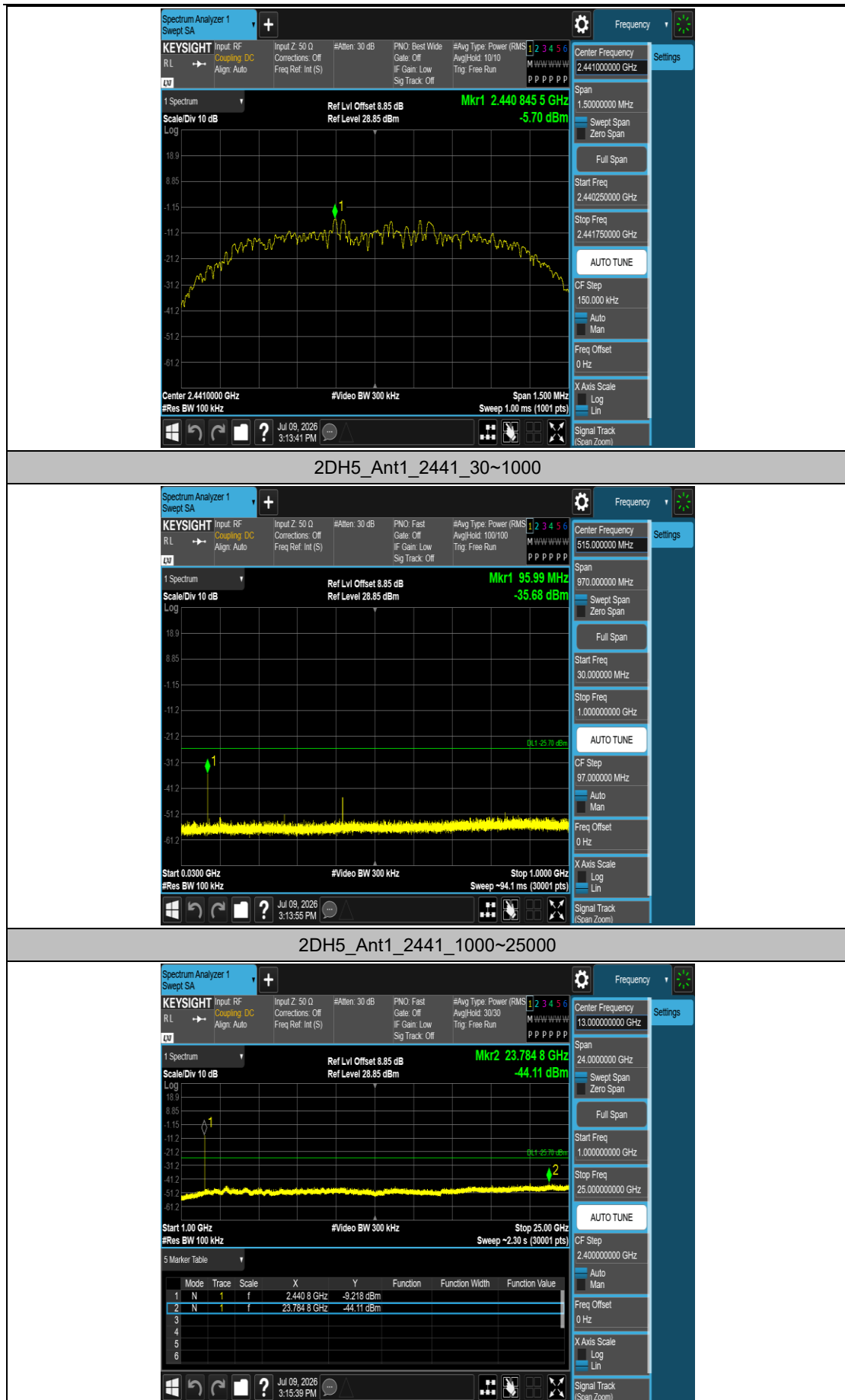


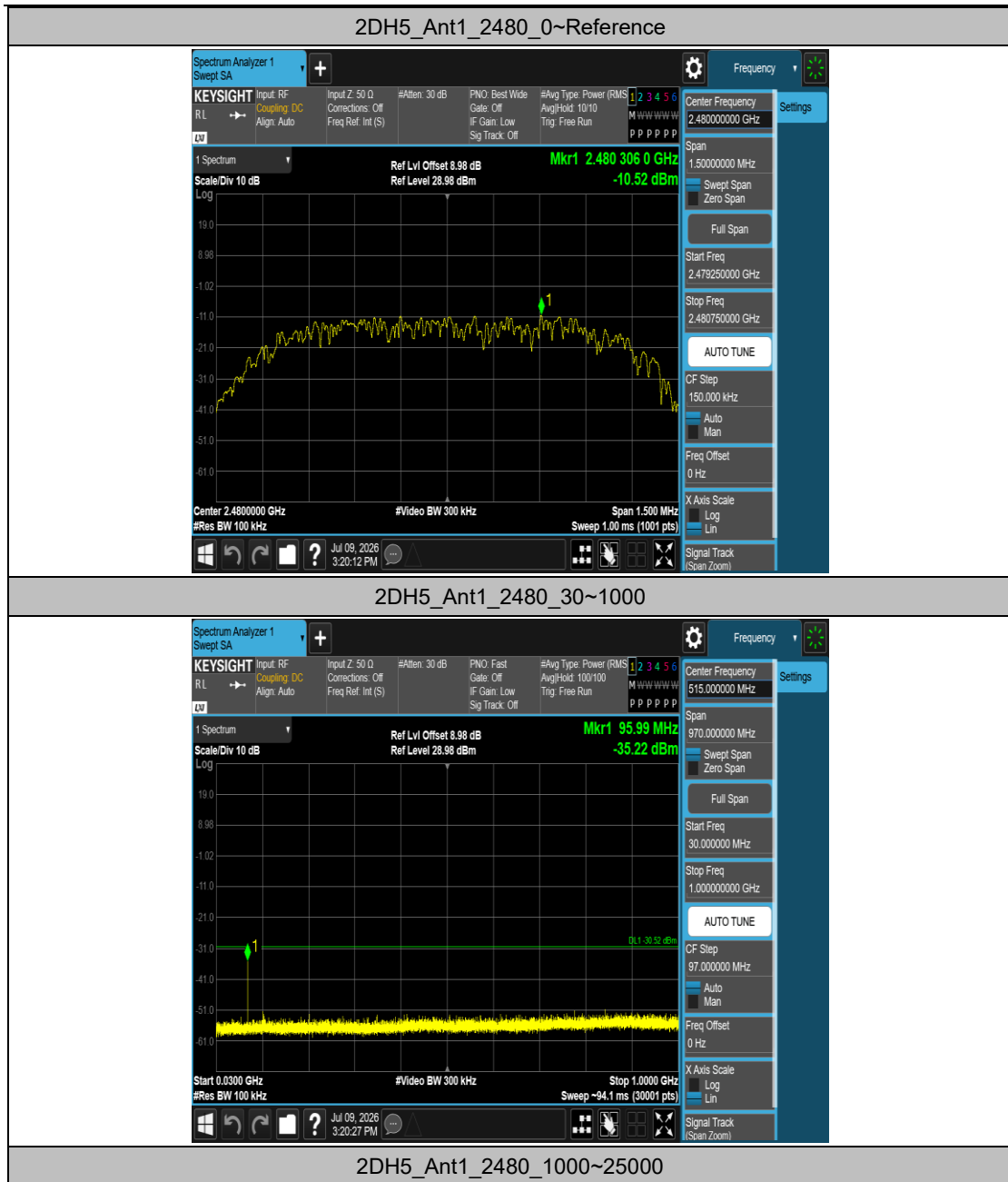




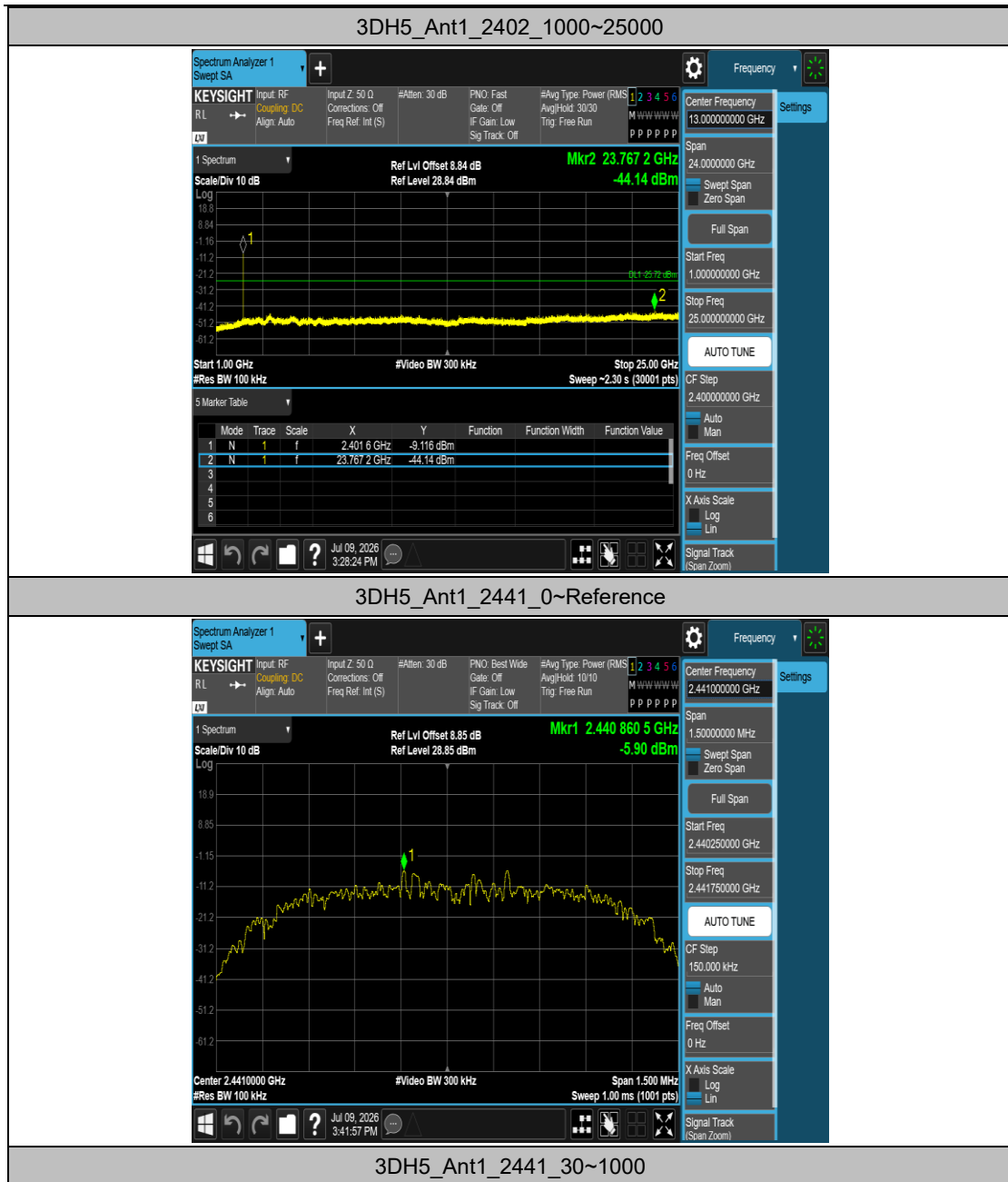


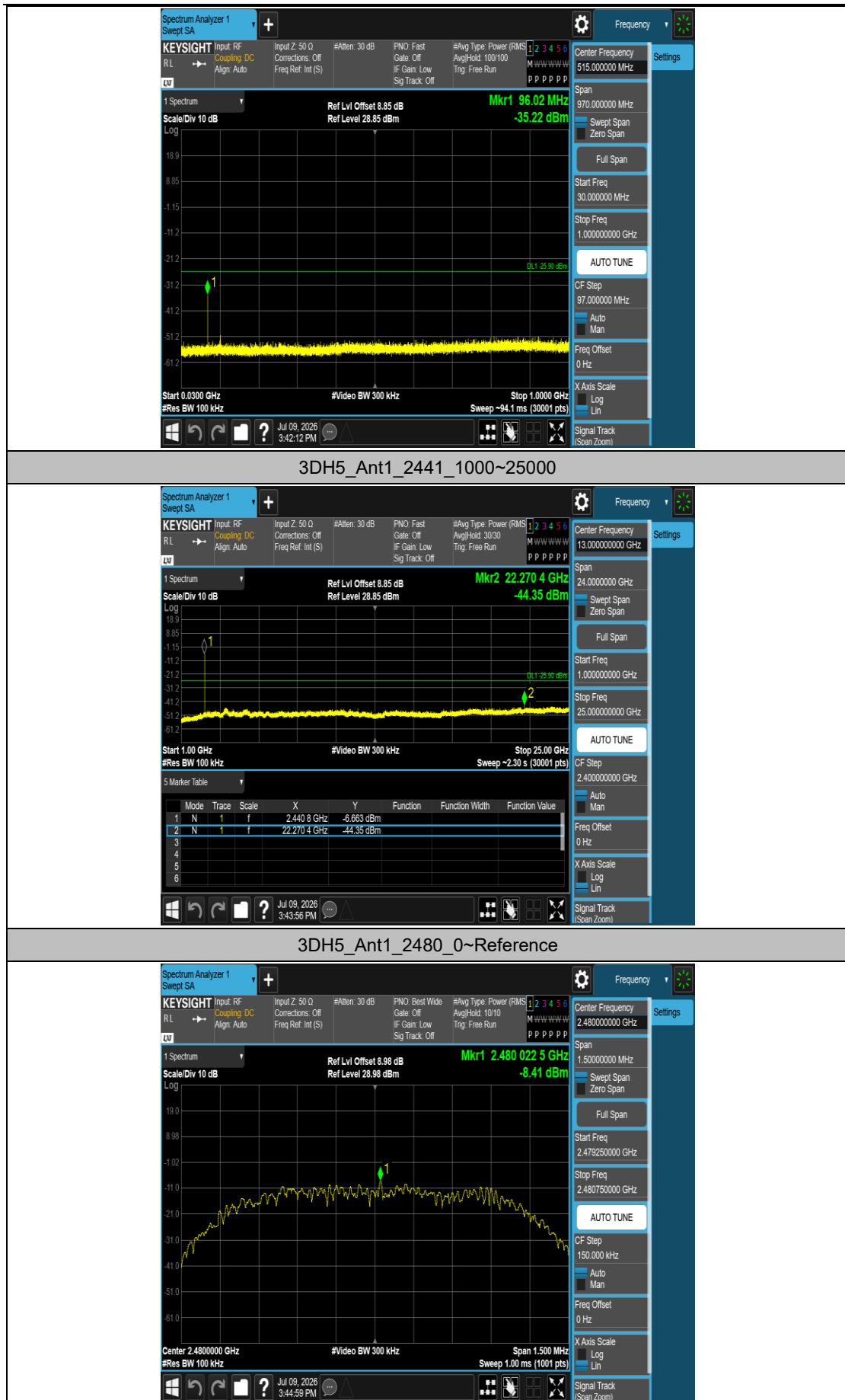


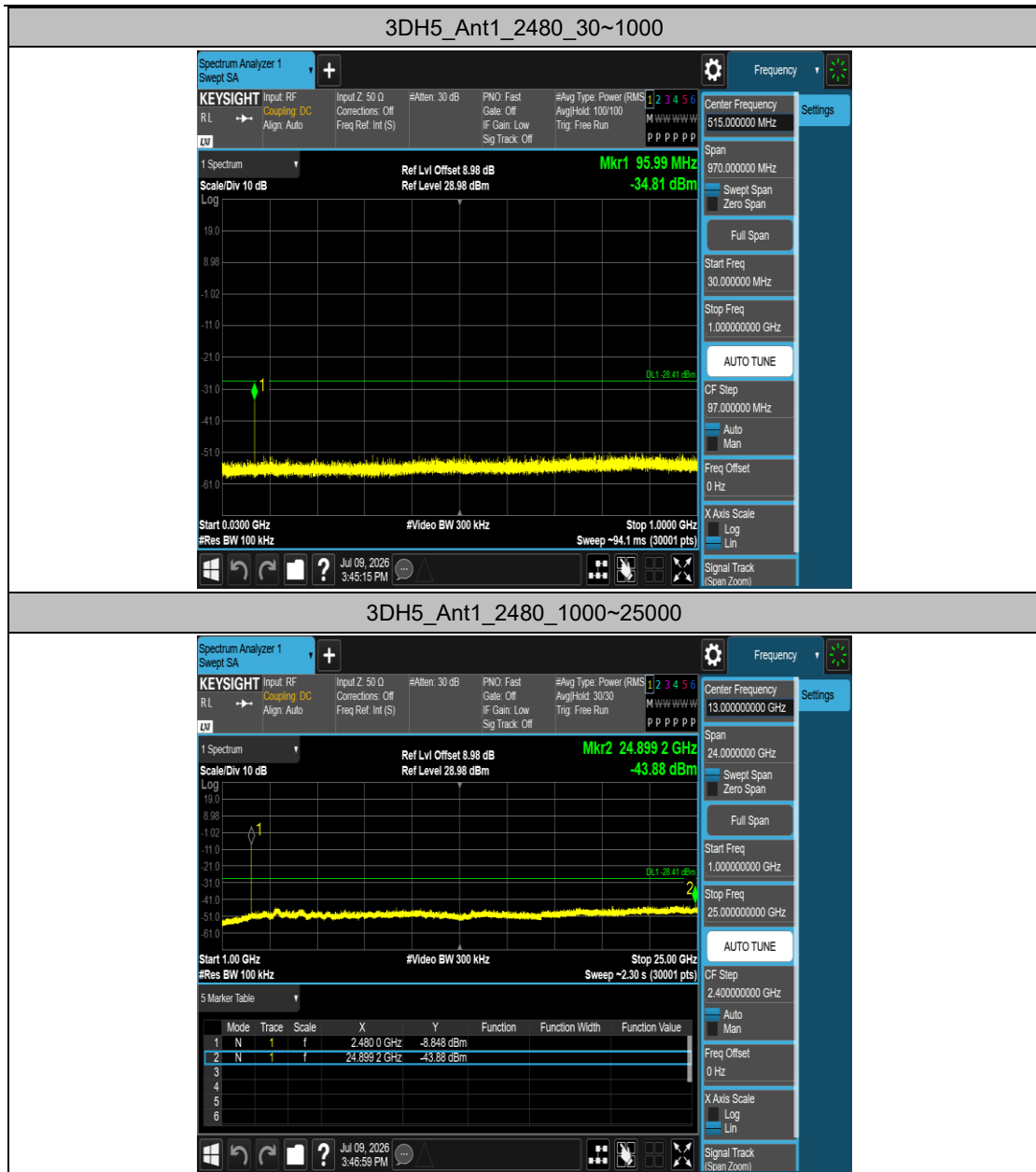












Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]
DH5	Ant1	2402	2.89	3.75	0.7707	77.07
		2441	2.88	3.75	0.7680	76.80
		2480	2.88	3.75	0.7680	76.80
2DH5	Ant1	2402	2.90	3.76	0.7713	77.13
		2441	2.89	3.75	0.7707	77.07
		2480	2.89	3.74	0.7727	77.27
3DH5	Ant1	2402	2.90	3.75	0.7733	77.33
		2441	2.89	3.75	0.7707	77.07
		2480	2.89	3.75	0.7707	77.07

Test Graphs



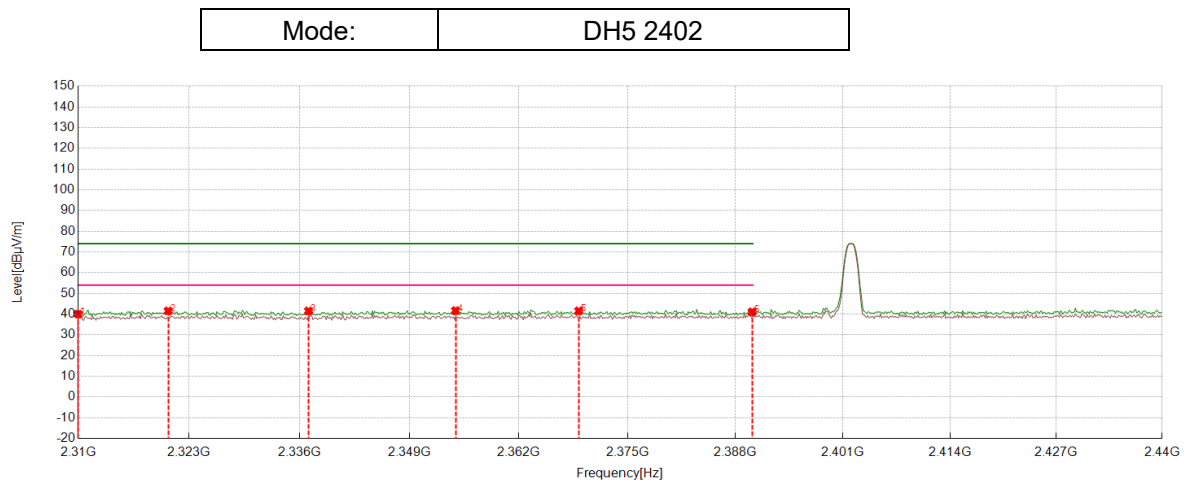






Appendix J: Emissions in Restricted Bands

Test Result

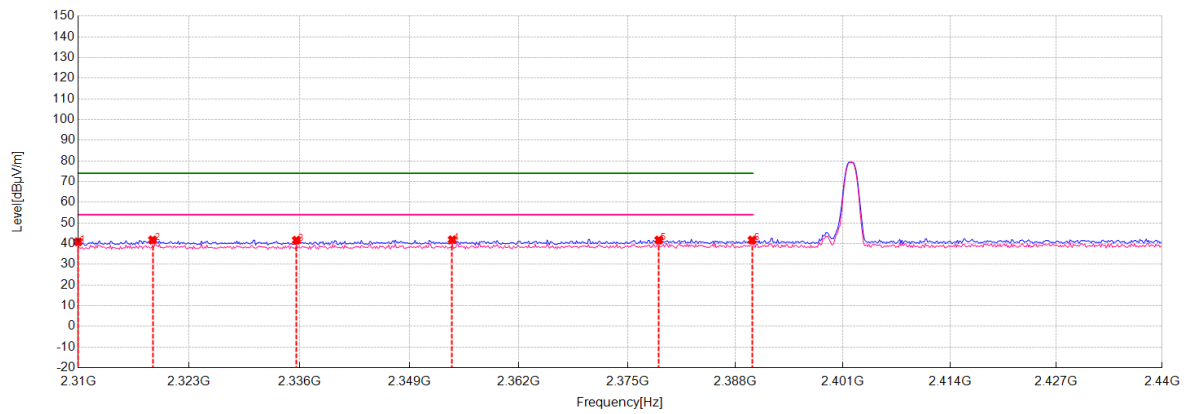


★ PK Detector ★ AV Detector

Suspected Data List									
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	39.97	2.67	74.00	34.03	150	67	Vertical	PASS
2	2320.53	41.52	2.92	74.00	32.48	150	267	Vertical	PASS
3	2337.04	41.51	2.81	74.00	32.49	150	256	Vertical	PASS
4	2354.46	41.68	2.97	74.00	32.32	150	216	Vertical	PASS
5	2369.15	41.53	3.02	74.00	32.47	150	88	Vertical	PASS
6	2390.00	41.05	2.95	74.00	32.95	150	324	Vertical	PASS

Mode:

DH5 2402



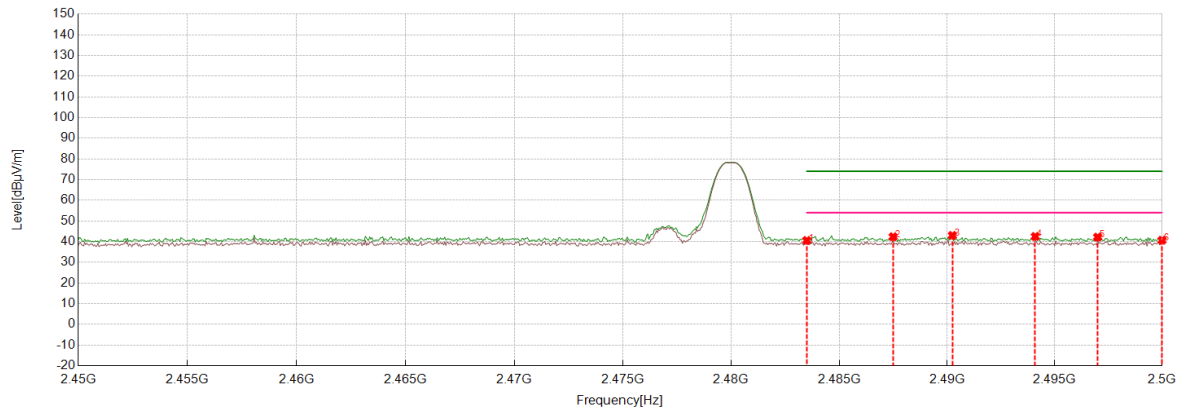
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	40.89	2.67	74.00	33.11	150	33	Horizontal	PASS
2	2318.71	41.78	2.91	74.00	32.22	150	295	Horizontal	PASS
3	2335.61	41.63	2.81	74.00	32.37	150	353	Horizontal	PASS
4	2354.07	41.87	2.97	74.00	32.13	150	335	Horizontal	PASS
5	2378.77	41.74	3.06	74.00	32.26	150	100	Horizontal	PASS
6	2390.00	41.72	2.95	74.00	32.28	150	105	Horizontal	PASS

Mode:

DH5 2480



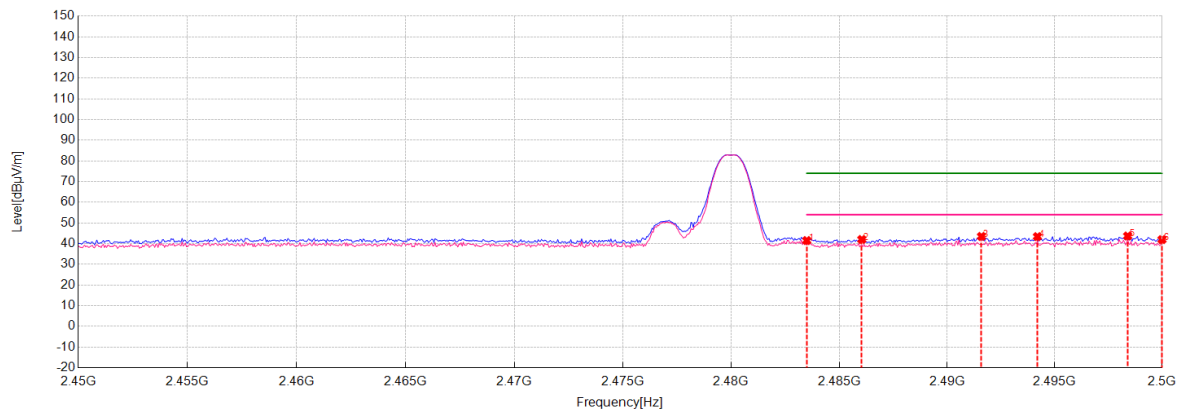
★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	40.56	3.46	74.00	33.44	150	327	Vertical	PASS
2	2487.50	42.36	3.50	74.00	31.64	150	32	Vertical	PASS
3	2490.25	43.00	3.56	74.00	31.00	150	228	Vertical	PASS
4	2494.10	42.48	3.59	74.00	31.52	150	42	Vertical	PASS
5	2497.00	42.17	3.59	74.00	31.83	150	280	Vertical	PASS
6	2500.00	40.66	3.50	74.00	33.34	150	45	Vertical	PASS

Mode:

DH5 2480



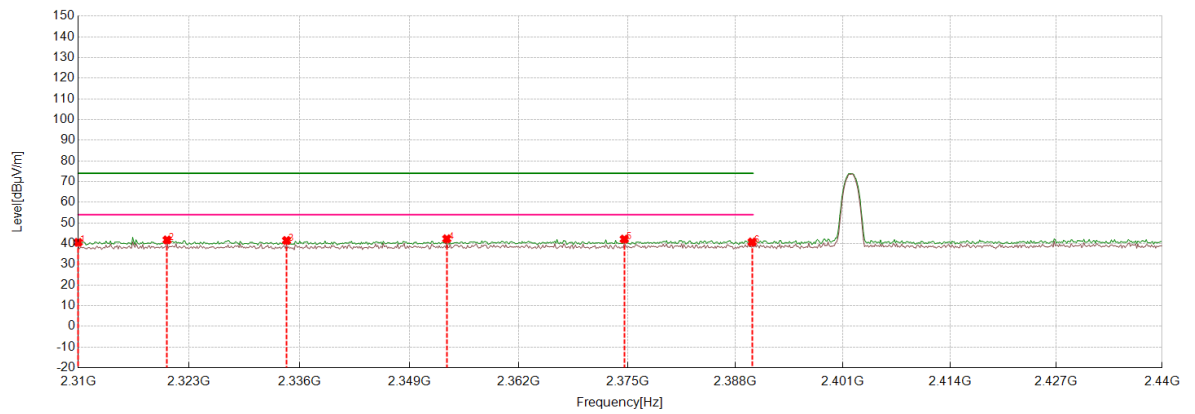
★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	41.49	3.46	74.00	32.51	150	196	Horizontal	PASS
2	2486.05	42.01	3.47	74.00	31.99	150	152	Horizontal	PASS
3	2491.60	43.48	3.56	74.00	30.52	150	155	Horizontal	PASS
4	2494.20	43.39	3.58	74.00	30.61	150	54	Horizontal	PASS
5	2498.40	43.68	3.55	74.00	30.32	150	38	Horizontal	PASS
6	2500.00	41.94	3.50	74.00	32.06	150	44	Horizontal	PASS

Mode:

2DH5 2402



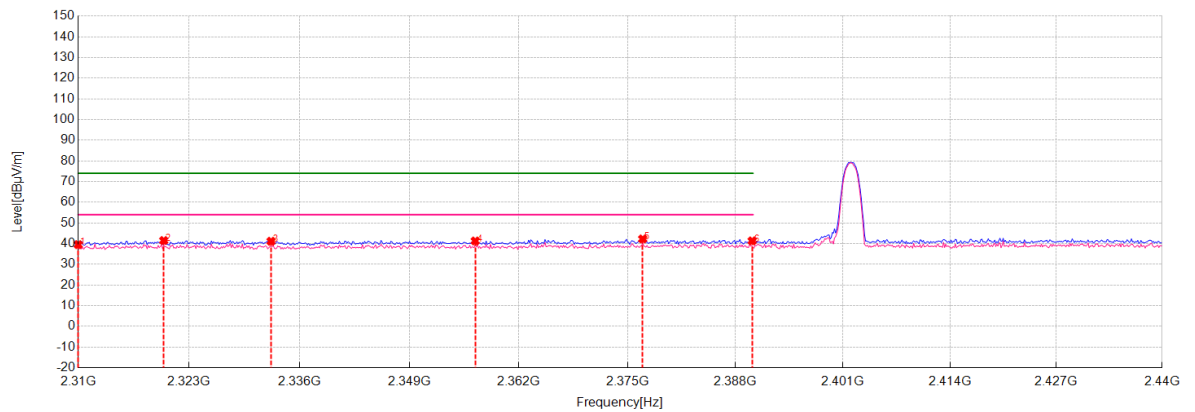
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	40.60	2.67	74.00	33.40	150	360	Vertical	PASS
2	2320.40	41.80	2.91	74.00	32.20	150	359	Vertical	PASS
3	2334.44	41.51	2.80	74.00	32.49	150	136	Vertical	PASS
4	2353.42	42.34	2.96	74.00	31.66	150	264	Vertical	PASS
5	2374.61	42.18	2.99	74.00	31.82	150	351	Vertical	PASS
6	2390.00	40.78	2.95	74.00	33.22	150	138	Vertical	PASS

Mode:

2DH5 2402



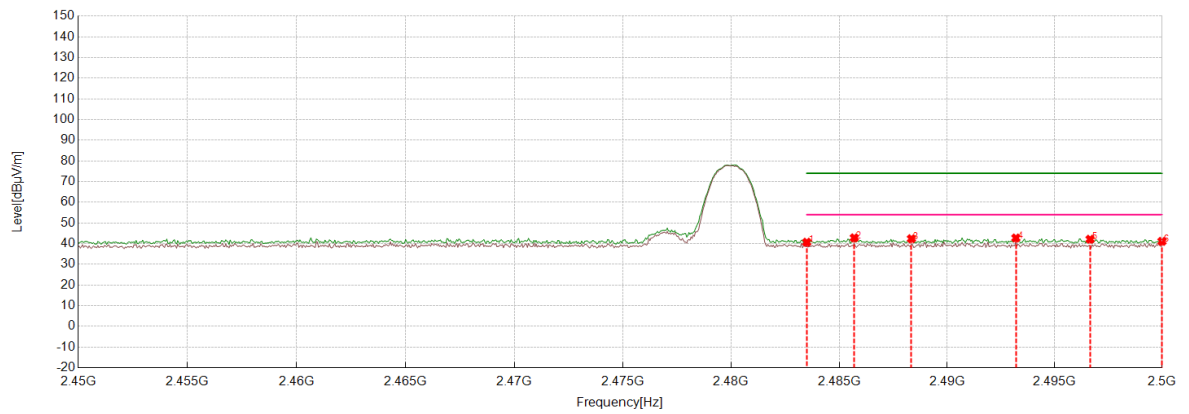
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	39.51	2.67	74.00	34.49	150	198	Horizontal	PASS
2	2320.01	41.50	2.92	74.00	32.50	150	258	Horizontal	PASS
3	2332.62	41.14	2.75	74.00	32.86	150	32	Horizontal	PASS
4	2356.80	41.27	2.95	74.00	32.73	150	190	Horizontal	PASS
5	2376.82	42.26	3.07	74.00	31.74	150	279	Horizontal	PASS
6	2390.00	41.32	2.95	74.00	32.68	150	308	Horizontal	PASS

Mode:

2DH5 2480



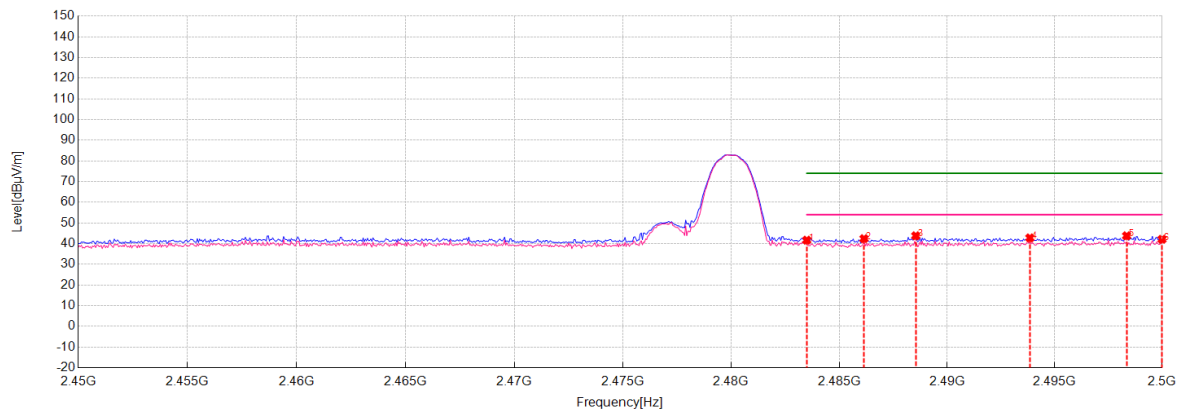
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	40.68	3.46	74.00	33.32	150	101	Vertical	PASS
2	2485.70	42.81	3.49	74.00	31.19	150	292	Vertical	PASS
3	2488.35	42.38	3.49	74.00	31.62	150	256	Vertical	PASS
4	2493.20	42.72	3.58	74.00	31.28	150	63	Vertical	PASS
5	2496.65	42.12	3.58	74.00	31.88	150	138	Vertical	PASS
6	2500.00	41.09	3.50	74.00	32.91	150	337	Vertical	PASS

Mode:

2DH5 2480



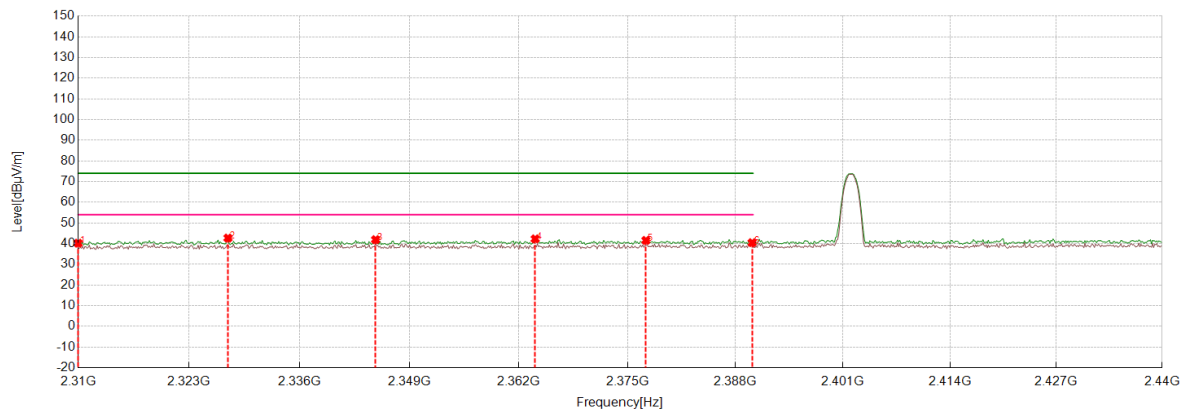
★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	41.66	3.46	74.00	32.34	150	94	Horizontal	PASS
2	2486.15	42.40	3.48	74.00	31.60	150	57	Horizontal	PASS
3	2488.55	43.80	3.51	74.00	30.20	150	47	Horizontal	PASS
4	2493.85	42.75	3.59	74.00	31.25	150	166	Horizontal	PASS
5	2498.35	43.77	3.55	74.00	30.23	150	54	Horizontal	PASS
6	2500.00	42.07	3.50	74.00	31.93	150	153	Horizontal	PASS

Mode:

3DH5 2402



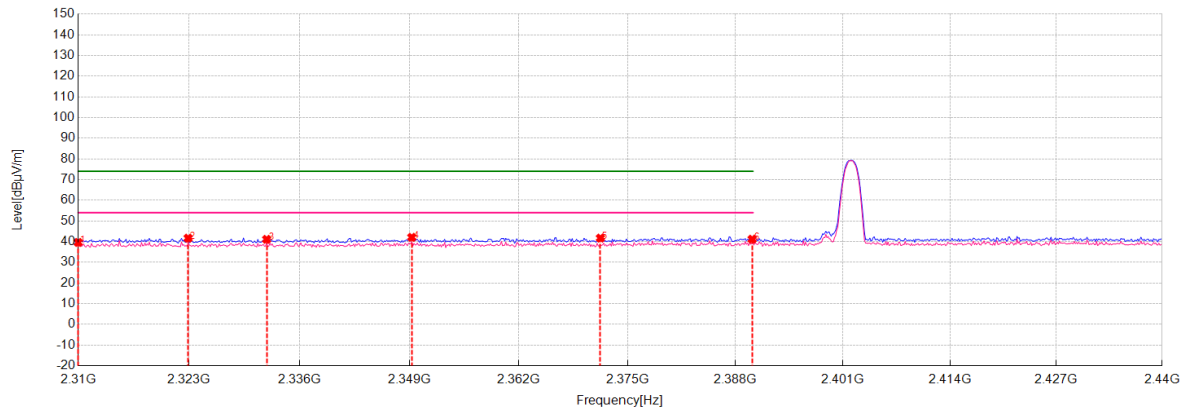
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	40.20	2.67	74.00	33.80	150	121	Vertical	PASS
2	2327.55	42.71	2.87	74.00	31.29	150	154	Vertical	PASS
3	2344.97	41.91	2.99	74.00	32.09	150	350	Vertical	PASS
4	2363.95	42.28	2.95	74.00	31.72	150	342	Vertical	PASS
5	2377.21	41.56	3.08	74.00	32.44	150	52	Vertical	PASS
6	2390.00	40.47	2.95	74.00	33.53	150	227	Vertical	PASS

Mode:

3DH5 2402



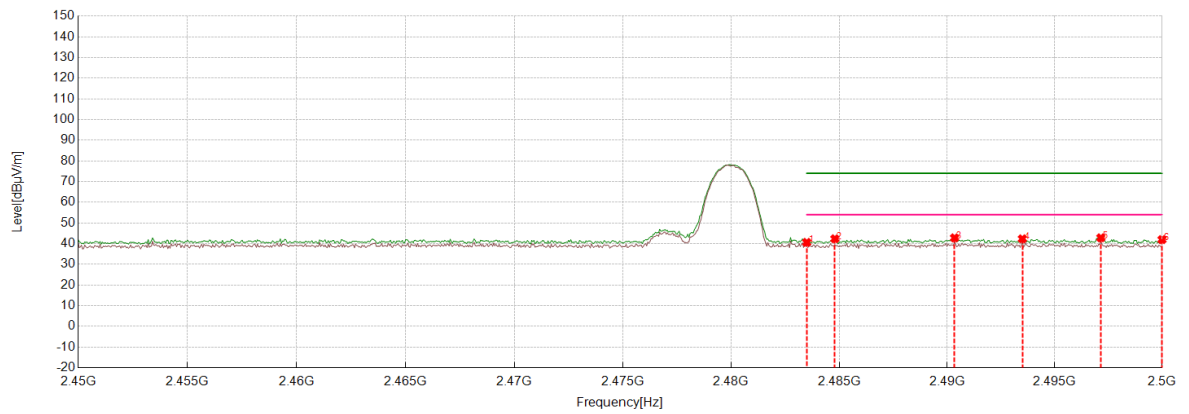
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.00	39.61	2.67	74.00	34.39	150	260	Horizontal	PASS
2	2322.87	41.67	2.87	74.00	32.33	150	115	Horizontal	PASS
3	2332.10	41.10	2.76	74.00	32.90	150	279	Horizontal	PASS
4	2349.26	42.07	3.02	74.00	31.93	150	7	Horizontal	PASS
5	2371.75	41.70	3.02	74.00	32.30	150	189	Horizontal	PASS
6	2390.00	41.18	2.95	74.00	32.82	150	155	Horizontal	PASS

Mode:

3DH5 2480



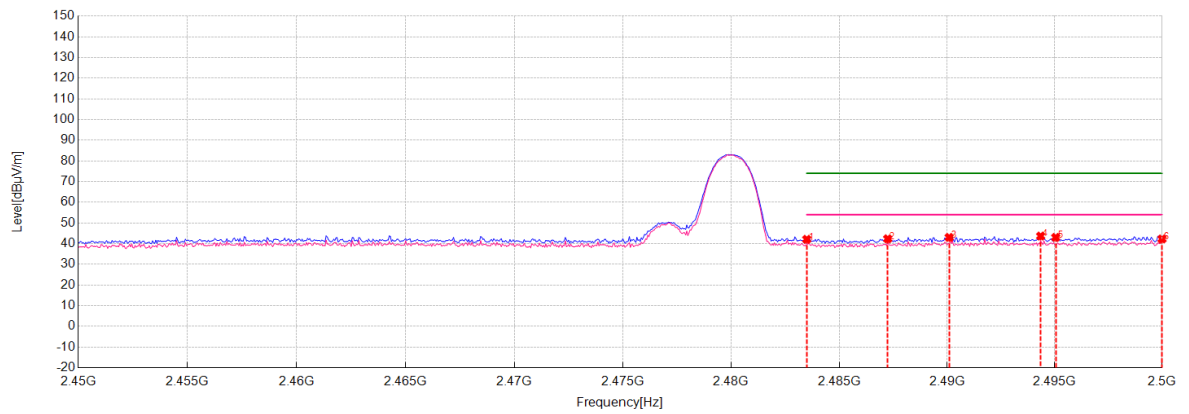
★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	40.60	3.46	74.00	33.40	150	360	Vertical	PASS
2	2484.80	42.34	3.52	74.00	31.66	150	129	Vertical	PASS
3	2490.35	42.78	3.56	74.00	31.22	150	359	Vertical	PASS
4	2493.50	42.32	3.58	74.00	31.68	150	110	Vertical	PASS
5	2497.15	42.81	3.59	74.00	31.19	150	136	Vertical	PASS
6	2500.00	41.94	3.50	74.00	32.06	150	180	Vertical	PASS

Mode:

3DH5 2480



★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.50	42.08	3.46	74.00	31.92	150	189	Horizontal	PASS
2	2487.25	42.33	3.52	74.00	31.67	150	92	Horizontal	PASS
3	2490.10	43.00	3.57	74.00	31.00	150	24	Horizontal	PASS
4	2494.35	43.64	3.58	74.00	30.36	150	92	Horizontal	PASS
5	2495.05	43.00	3.56	74.00	31.00	150	30	Horizontal	PASS
6	2500.00	42.24	3.50	74.00	31.76	150	169	Horizontal	PASS

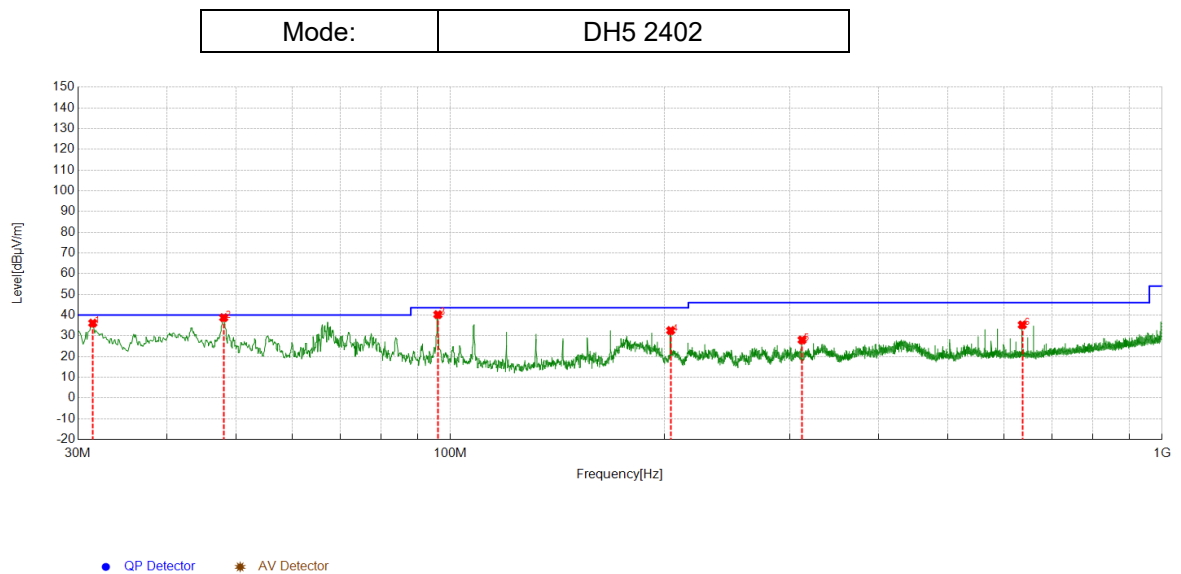
Appendix L: Radiated emissions

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 (DH5-2402MHz) 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.

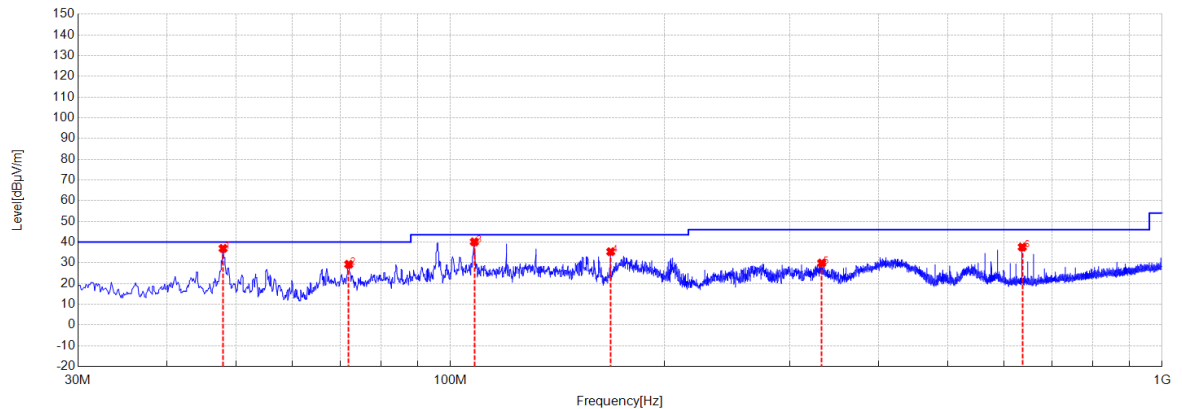


Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	31.4551	36.12	-16.53	40.00	3.88	150	173	Vertical	PASS
2	48.0438	38.74	-16.07	40.00	1.26	150	20	Vertical	PASS
3	96.0636	40.21	-19.88	43.50	3.29	150	68	Vertical	PASS
4	204.035	32.55	-19.00	43.50	10.95	150	77	Vertical	PASS
5	312.104	27.98	-15.05	46.00	18.02	150	55	Vertical	PASS
6	636.310	35.26	-8.23	46.00	10.74	150	52	Vertical	PASS

Mode:

DH5 2402



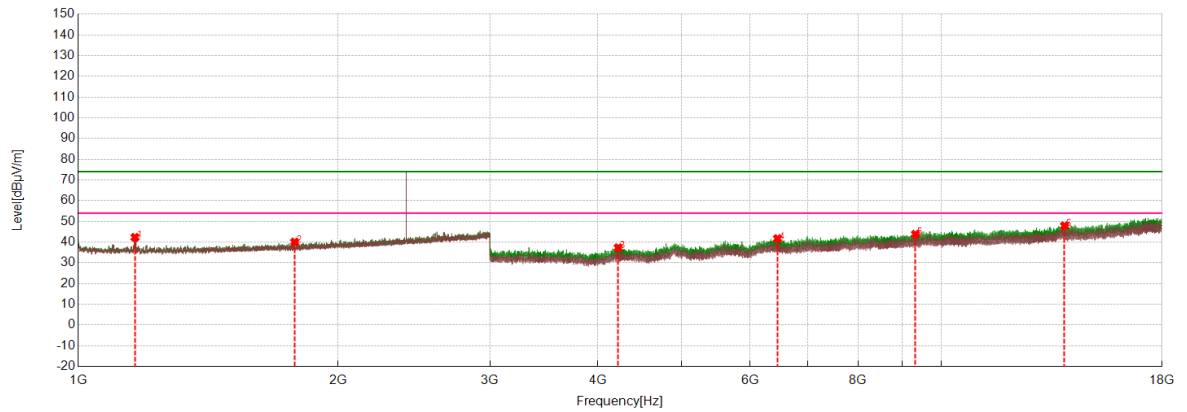
● QP Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.9468	36.95	-16.08	40.00	3.05	150	356	Horizontal	PASS
2	72.0052	29.28	-18.66	40.00	10.72	150	348	Horizontal	PASS
3	108.092	40.12	-18.95	43.50	3.38	150	114	Horizontal	PASS
4	168.044	35.36	-16.09	43.50	8.14	150	36	Horizontal	PASS
5	332.573	29.88	-15.03	46.00	16.12	150	179	Horizontal	PASS
6	636.310	37.60	-8.23	46.00	8.40	150	84	Horizontal	PASS

Mode:

DH5 2402



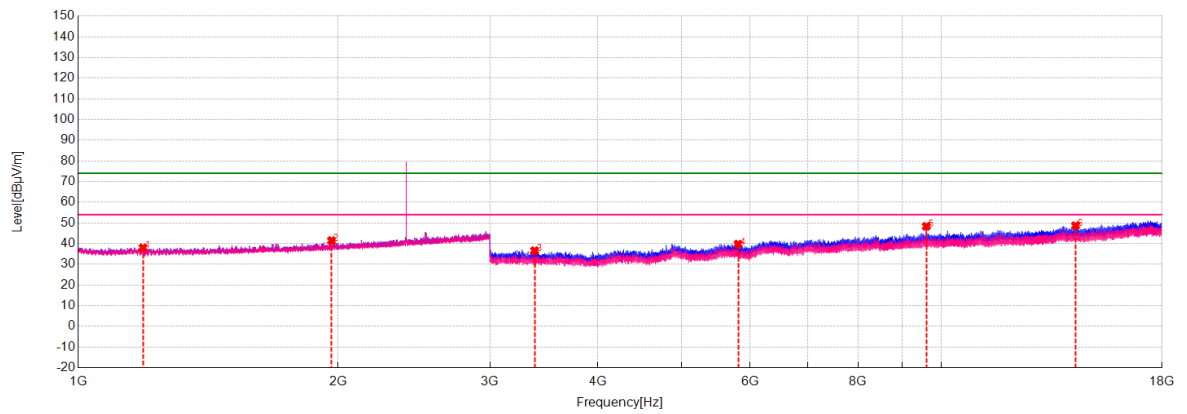
★ PK Detector ★ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1163.80	42.30	-0.24	74.00	31.70	150	114	Vertical	PASS
2	1781.40	40.02	0.95	74.00	33.98	150	43	Vertical	PASS
3	4221.50	37.27	-17.19	74.00	36.73	150	253	Vertical	PASS
4	6456.50	41.69	-10.11	74.00	32.31	150	72	Vertical	PASS
5	9326.00	43.79	-5.28	74.00	30.21	150	143	Vertical	PASS
6	13880.5	47.86	1.02	74.00	26.14	150	143	Vertical	PASS

Mode:

DH5 2402



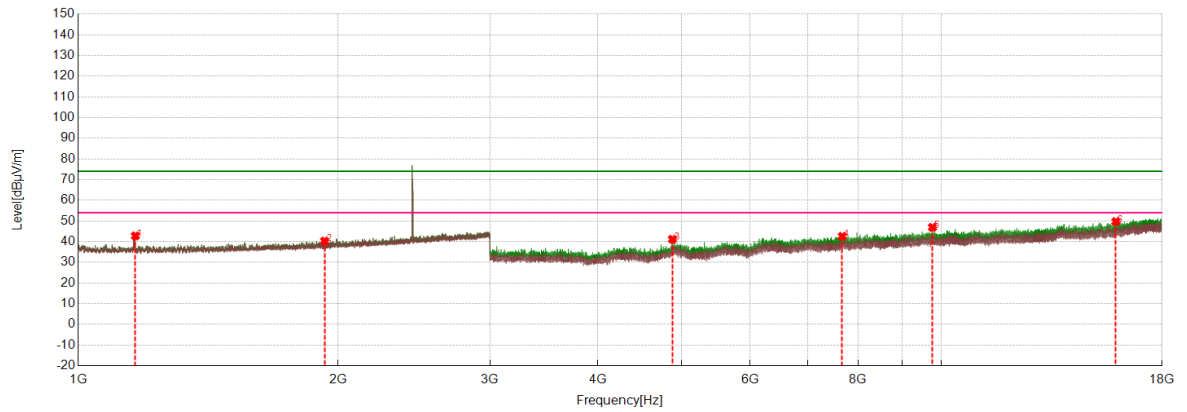
★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1188.80	37.99	-0.47	74.00	36.01	150	282	Horizontal	PASS
2	1965.40	41.47	1.73	74.00	32.53	150	287	Horizontal	PASS
3	3377.50	36.60	-19.70	74.00	37.40	150	356	Horizontal	PASS
4	5812.50	39.75	-12.42	74.00	34.25	150	239	Horizontal	PASS
5	9601.50	48.34	-5.09	74.00	25.66	150	169	Horizontal	PASS
6	14292.5	48.68	1.49	74.00	25.32	150	161	Horizontal	PASS

Mode:

DH5 2441



★ PK Detector ✱ AV Detector

Suspected Data List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1164.80	42.78	-0.22	74.00	31.22	150	93	Vertical	PASS
2	1929.20	40.29	1.47	74.00	33.71	150	55	Vertical	PASS
3	4878.50	41.14	-14.11	74.00	32.86	150	222	Vertical	PASS
4	7672.50	42.56	-8.70	74.00	31.44	150	99	Vertical	PASS
5	9758.00	46.90	-4.60	74.00	27.10	150	99	Vertical	PASS
6	15916.0	49.69	2.95	74.00	24.31	150	208	Vertical	PASS