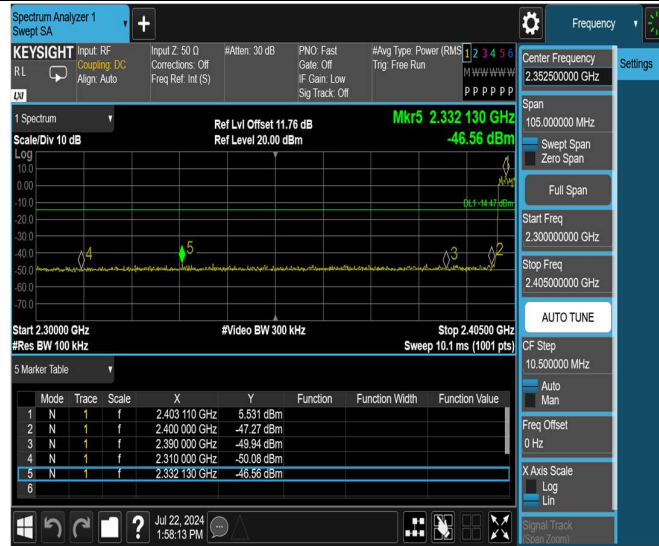
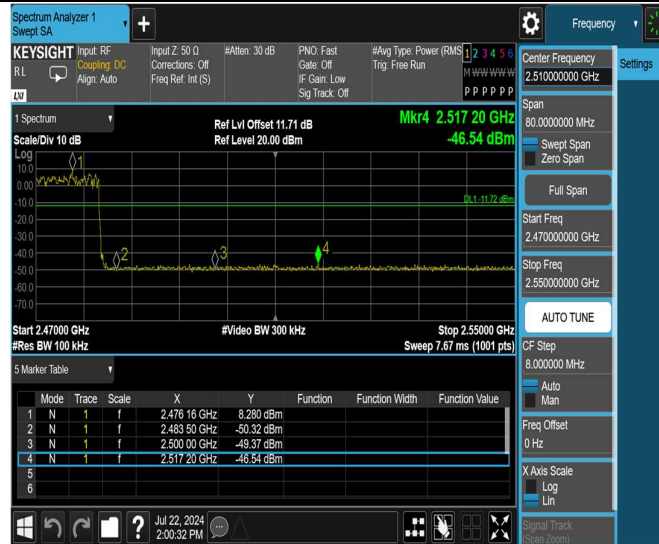


3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480



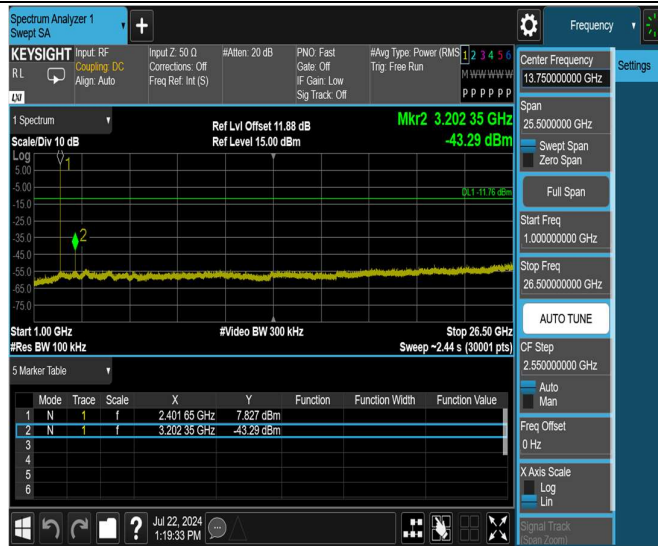
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	8.24	8.24	---	PASS
			30~1000	8.24	-41.85	≤-11.76	PASS
			1000~26500	8.24	-43.29	≤-11.76	PASS
		2441	Reference	8.85	8.85	---	PASS
			30~1000	8.85	-41.31	≤-11.15	PASS
			1000~26500	8.85	-45.37	≤-11.15	PASS
		2480	Reference	8.49	8.49	---	PASS
			30~1000	8.49	-40.37	≤-11.51	PASS
			1000~26500	8.49	-47.48	≤-11.51	PASS
2DH5	Ant1	2402	Reference	8.31	8.31	---	PASS
			30~1000	8.31	-43.04	≤-11.69	PASS
			1000~26500	8.31	-43.2	≤-11.69	PASS
		2441	Reference	8.97	8.97	---	PASS
			30~1000	8.97	-41.43	≤-11.03	PASS
			1000~26500	8.97	-45.65	≤-11.03	PASS
		2480	Reference	8.49	8.49	---	PASS
			30~1000	8.49	-41.18	≤-11.51	PASS
			1000~26500	8.49	-47.59	≤-11.51	PASS
3DH5	Ant1	2402	Reference	8.28	8.28	---	PASS
			30~1000	8.28	-41.9	≤-11.72	PASS
			1000~26500	8.28	-43.62	≤-11.72	PASS
		2441	Reference	8.83	8.83	---	PASS
			30~1000	8.83	-41.17	≤-11.17	PASS
			1000~26500	8.83	-45.54	≤-11.17	PASS
		2480	Reference	7.95	7.95	---	PASS
			30~1000	7.95	-41.25	≤-12.05	PASS
			1000~26500	7.95	-47.57	≤-12.05	PASS

Test Graphs

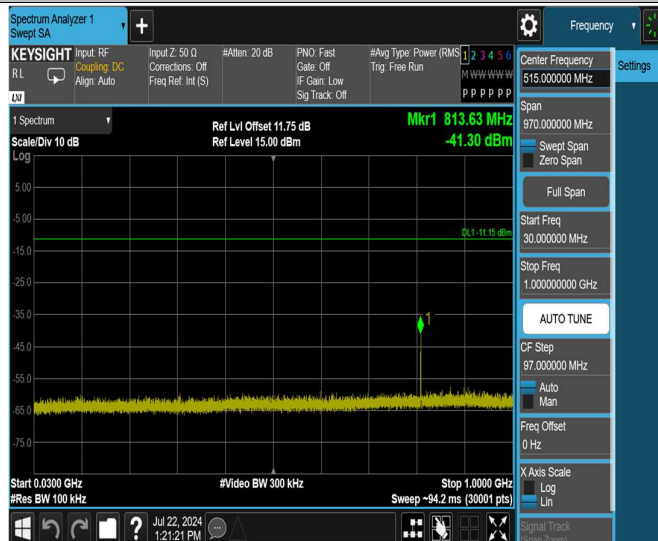




DH5_Ant1_2441_0~Reference



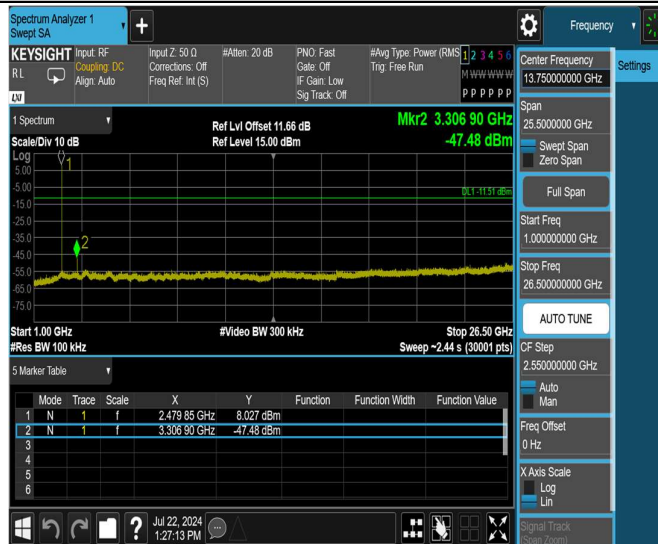
DH5_Ant1_2441_30~1000







DH5_Ant1_2480_1000~26500



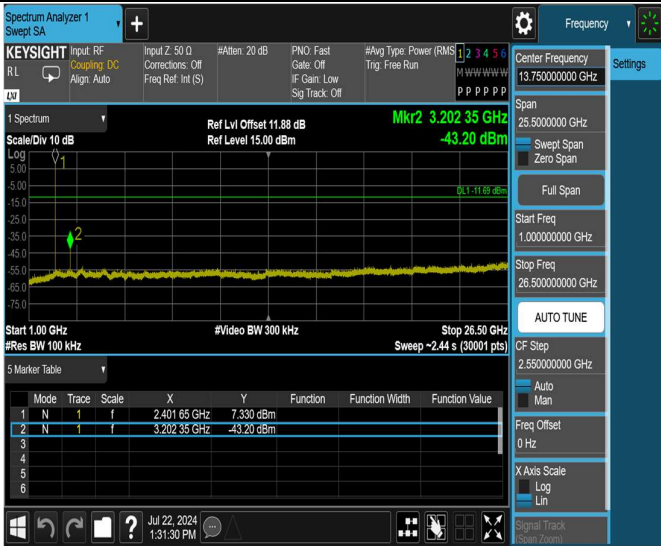
2DH5_Ant1_2402_0~Reference



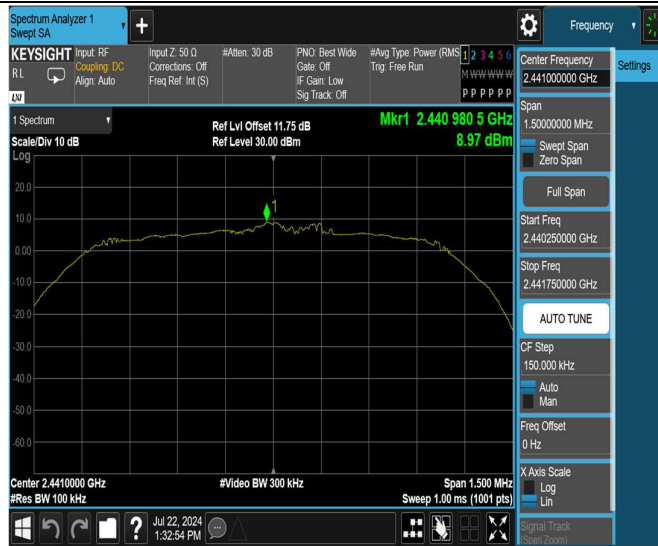
2DH5_Ant1_2402_30~1000



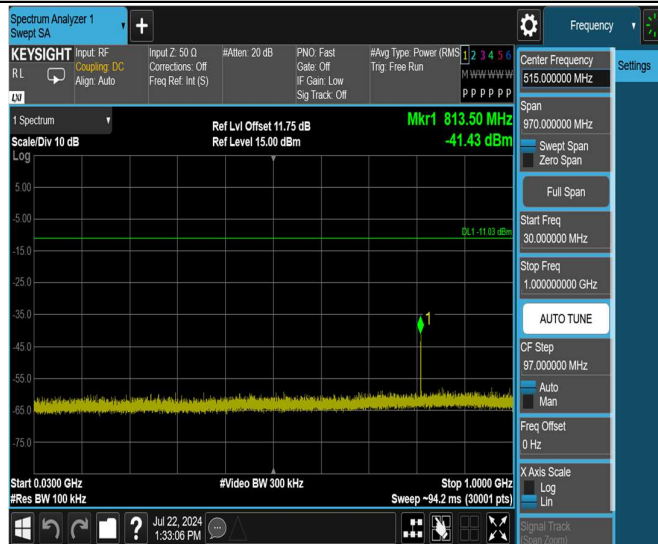
2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000



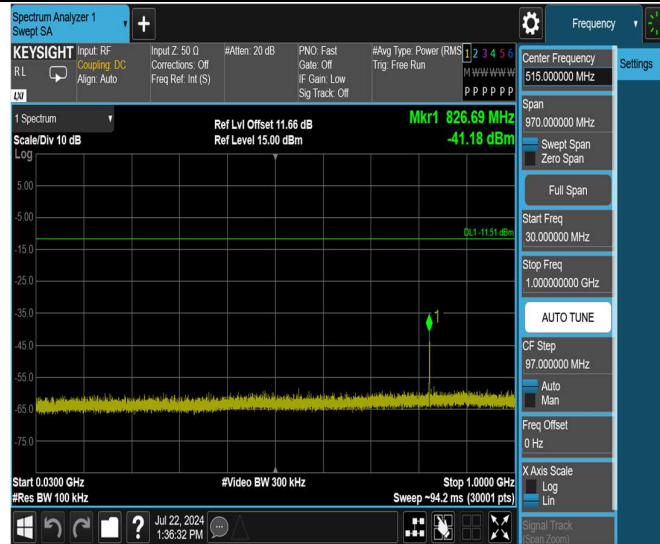
2DH5_Ant1_2441_1000~26500



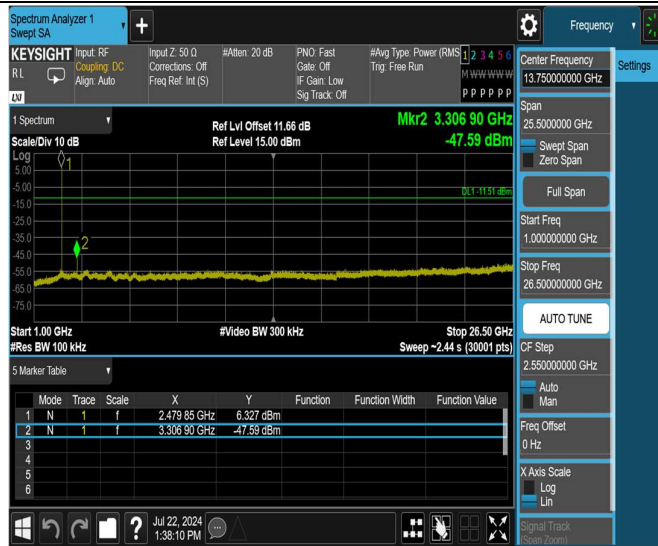
2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



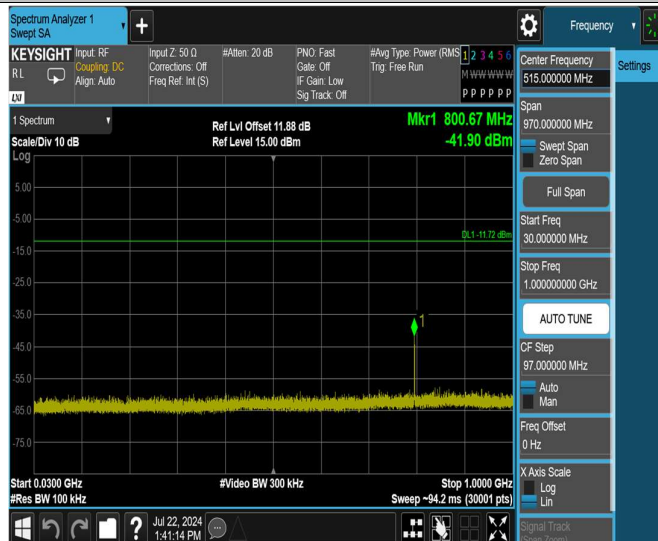
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



3DH5_Ant1_2402_1000~26500



3DH5_Ant1_2441_0~Reference



3DH5_Ant1_2441_30~1000



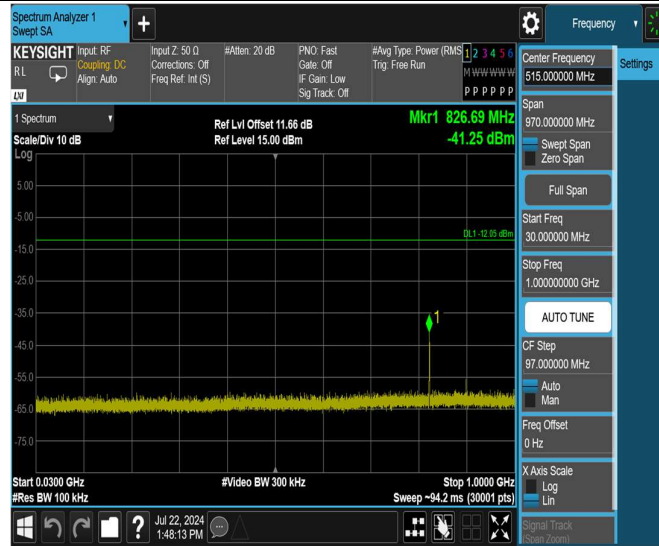
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



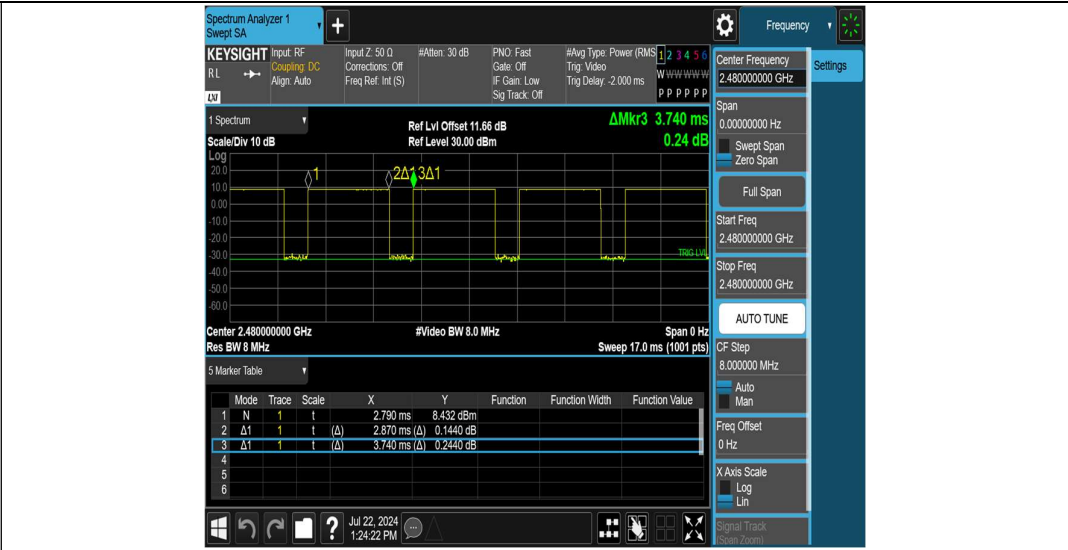
Appendix I: Duty Cycle

Test Result

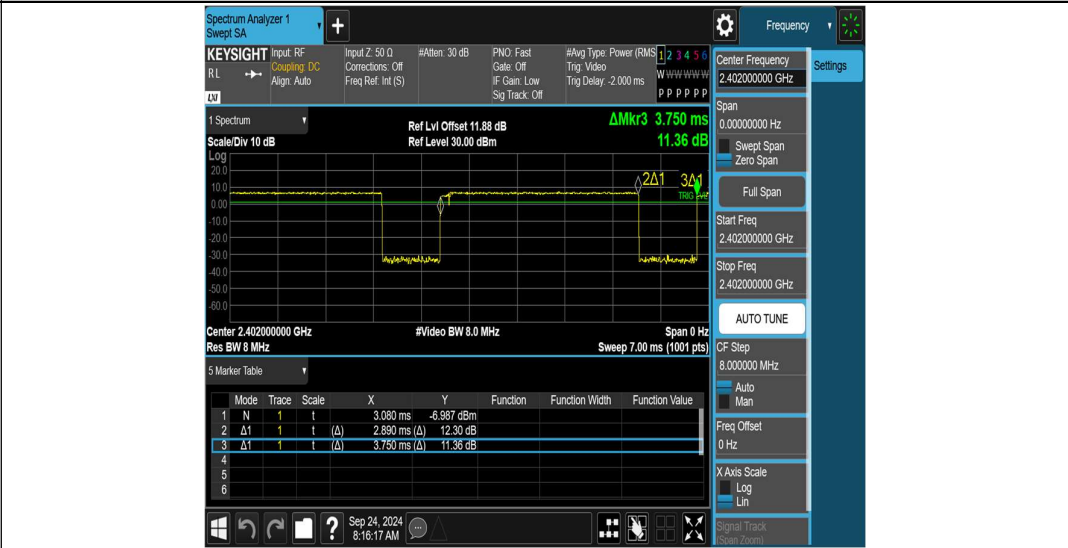
TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
		2441	2.88	3.75	76.80	1.15
		2480	2.87	3.74	76.74	1.15
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
		2441	2.89	3.75	77.07	1.13
		2480	2.88	3.75	76.80	1.15
3DH5	Ant1	2402	2.89	3.75	77.07	1.13
		2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13

Test Graphs





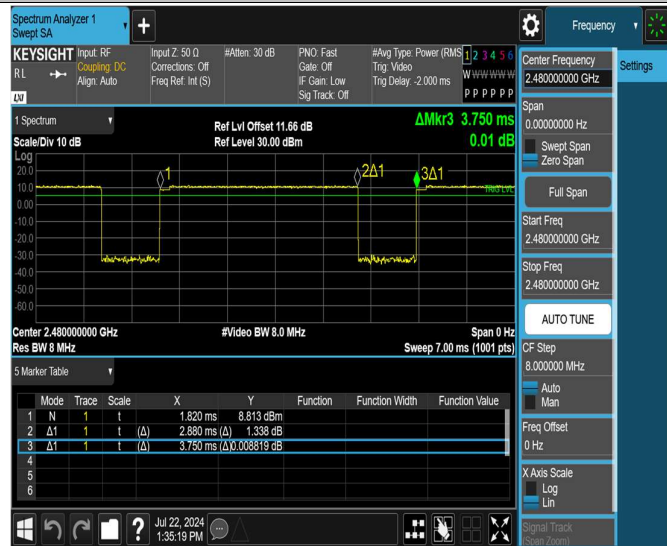
2DH5_Ant1_2402



2DH5_Ant1_2441



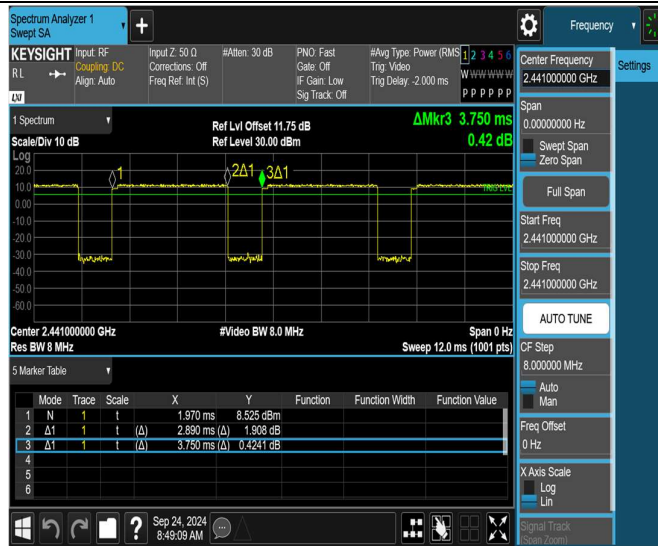
2DH5_Ant1_2480



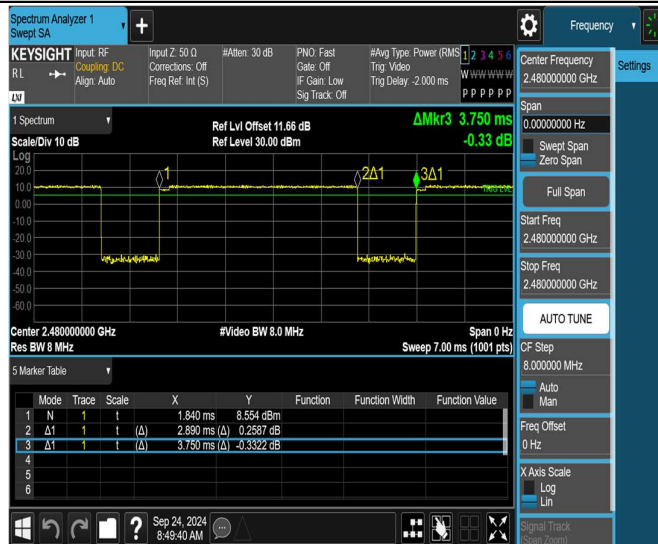
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402
-------	----------

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	47.85	8.69	74.00	26.15	150	154	Vertical	PASS
2	2321.6	49.66	8.80	74.00	24.34	150	81	Vertical	PASS
3	2330.16	49.72	8.85	74.00	24.28	150	140	Vertical	PASS
4	2343.52	50.41	8.99	74.00	23.59	150	360	Vertical	PASS
5	2369.44	50.67	9.15	74.00	23.33	150	348	Vertical	PASS
6	2390	51.69	11.47	74.00	22.31	150	57	Vertical	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	48.38	8.69	74.00	25.62	150	288	Horizontal	PASS
2	2317.44	50.49	8.71	74.00	23.51	150	97	Horizontal	PASS
3	2340.4	51.01	8.87	74.00	22.99	150	133	Horizontal	PASS
4	2357.6	50.54	9.14	74.00	23.46	150	60	Horizontal	PASS
5	2375.28	50.48	9.33	74.00	23.52	150	260	Horizontal	PASS
6	2390	51.14	11.47	74.00	22.86	150	154	Horizontal	PASS

Mode:	DH5-2480
-------	----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	48.88	9.16	74.00	25.12	150	224	Vertical	PASS
2	2488.03	51.03	9.19	74.00	22.97	150	139	Vertical	PASS
3	2490.14	50.52	9.21	74.00	23.48	150	68	Vertical	PASS
4	2491.50	50.51	9.22	74.00	23.49	150	202	Vertical	PASS
5	2497.75	50.24	9.25	74.00	23.76	150	141	Vertical	PASS
6	2500	48.98	9.27	74.00	25.02	150	274	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	51.34	9.16	74.00	22.66	150	29	Horizontal	PASS
2	2484.09	54.74	9.17	74.00	19.26	150	83	Horizontal	PASS
3	2484.22	53.75	9.17	74.00	20.25	150	238	Horizontal	PASS
4	2486.45	52.21	9.19	74.00	21.79	150	81	Horizontal	PASS
5	2489.06	52.79	9.20	74.00	21.21	150	263	Horizontal	PASS
6	2500	49.86	9.27	74.00	24.14	150	292	Horizontal	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2484.09	46.49	9.17	54.00	7.51	150	83	Horizontal	PASS

Mode:	2DH5-2402
-------	-----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	47.56	8.10	74.00	26.44	150	33	Vertical	PASS
2	2324.48	49.29	8.12	74.00	24.71	150	240	Vertical	PASS
3	2336.88	50.26	8.14	74.00	23.74	150	30	Vertical	PASS
4	2352.16	49.12	8.18	74.00	24.88	150	53	Vertical	PASS
5	2367.12	49.73	8.31	74.00	24.27	150	208	Vertical	PASS
6	2390	48.22	8.50	74.00	25.78	150	171	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	48.03	8.10	74.00	25.97	150	253	Horizontal	PASS
2	2321.6	49.85	8.11	74.00	24.15	150	74	Horizontal	PASS
3	2340.32	49.90	8.14	74.00	24.10	150	39	Horizontal	PASS
4	2353.68	51.00	8.19	74.00	23.00	150	141	Horizontal	PASS
5	2370.64	50.30	8.33	74.00	23.70	150	1	Horizontal	PASS
6	2390	48.53	8.50	74.00	25.47	150	45	Horizontal	PASS

Mode:	2DH5-2480
-------	-----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	48.94	9.16	74.00	25.06	150	291	Vertical	PASS
2	2486.10	51.07	9.18	74.00	22.93	150	16	Vertical	PASS
3	2488.58	50.77	9.19	74.00	23.23	150	171	Vertical	PASS
4	2490.71	51.28	9.21	74.00	22.72	150	163	Vertical	PASS
5	2494.06	50.33	9.24	74.00	23.67	150	4	Vertical	PASS
6	2500	49.11	9.27	74.00	24.89	150	21	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	51.98	9.16	74.00	22.02	150	102	Horizontal	PASS
2	2485.61	52.22	9.18	74.00	21.78	150	213	Horizontal	PASS
3	2489.86	52.12	9.21	74.00	21.88	150	213	Horizontal	PASS
4	2493.23	52.24	9.22	74.00	21.76	150	266	Horizontal	PASS
5	2495.28	51.76	9.24	74.00	22.24	150	127	Horizontal	PASS
6	2500	49.52	9.27	74.00	24.48	150	312	Horizontal	PASS

Mode:	3DH5-2402
-------	-----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	47.48	8.10	74.00	26.52	150	180	Vertical	PASS
2	2317.6	49.67	8.11	74.00	24.33	150	22	Vertical	PASS
3	2337.44	49.08	8.14	74.00	24.92	150	94	Vertical	PASS
4	2351.12	49.61	8.17	74.00	24.39	150	88	Vertical	PASS
5	2377.6	49.71	8.40	74.00	24.29	150	168	Vertical	PASS
6	2390	48.25	8.50	74.00	25.75	150	186	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	47.73	8.10	74.00	26.27	150	126	Horizontal	PASS
2	2319.6	50.34	8.11	74.00	23.66	150	158	Horizontal	PASS
3	2329.2	49.90	8.13	74.00	24.10	150	105	Horizontal	PASS
4	2356.32	49.75	8.22	74.00	24.25	150	21	Horizontal	PASS
5	2363.44	49.95	8.27	74.00	24.05	150	47	Horizontal	PASS
6	2390	49.15	8.50	74.00	24.85	150	253	Horizontal	PASS

Mode:	3DH5-2480
-------	-----------

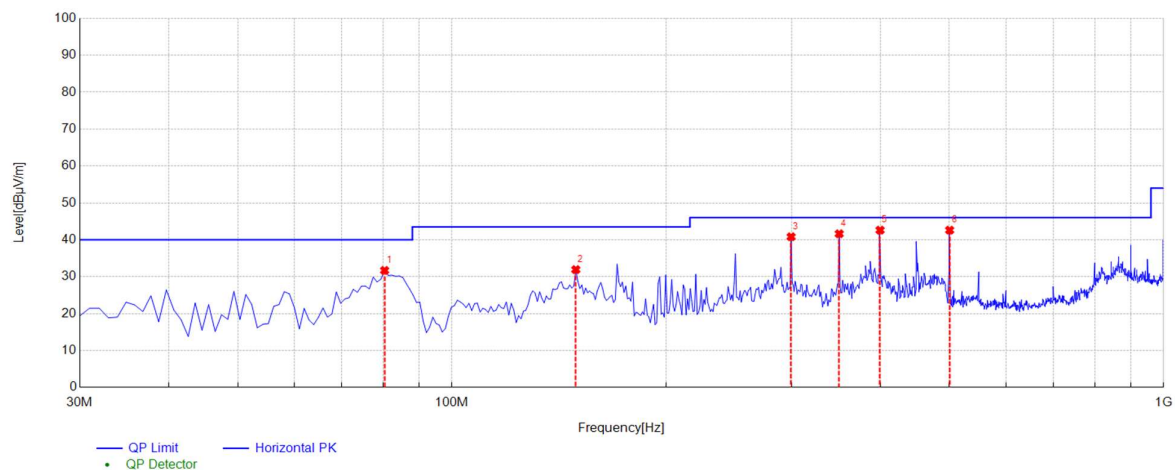
NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	48.93	9.16	74.00	25.07	150	219	Vertical	PASS
2	2489.29	50.75	9.20	74.00	23.25	150	50	Vertical	PASS
3	2492.59	50.66	9.22	74.00	23.34	150	26	Vertical	PASS
4	2494.91	50.32	9.24	74.00	23.68	150	88	Vertical	PASS
5	2496.88	50.58	9.25	74.00	23.42	150	260	Vertical	PASS
6	2500	49.41	9.27	74.00	24.59	150	267	Vertical	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	52.44	9.16	74.00	21.56	150	77	Horizontal	PASS
2	2486.25	52.21	9.19	74.00	21.79	150	170	Horizontal	PASS
3	2488.58	51.69	9.19	74.00	22.31	150	161	Horizontal	PASS
4	2490.59	51.90	9.21	74.00	22.10	150	146	Horizontal	PASS
5	2494.06	51.92	9.24	74.00	22.08	150	166	Horizontal	PASS
6	2500	49.60	9.27	74.00	24.40	150	262	Horizontal	PASS

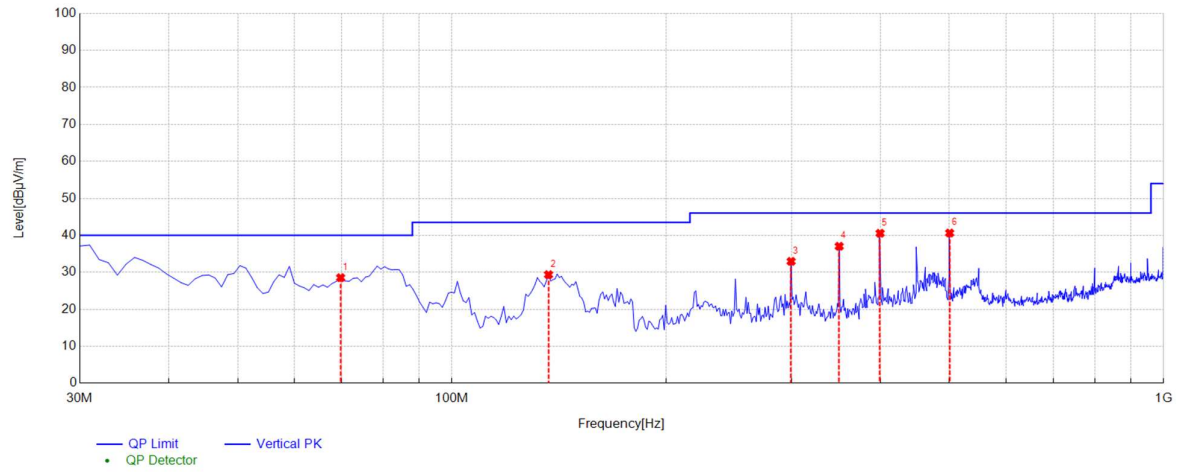
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dB μ V/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Appendix L: Radiated emissions



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	80.4400	31.71	-20.31	40.00	8.29	100	12	Horizontal	PASS
2	149.310	31.93	-16.38	43.50	11.57	100	186	Horizontal	PASS
3	299.660	40.83	-16.17	46.00	5.17	100	233	Horizontal	PASS
4	350.100	41.65	-14.60	46.00	4.35	100	40	Horizontal	PASS
5	399.570	42.62	-12.91	46.00	3.38	100	40	Horizontal	PASS
6	500.450	42.62	-10.89	46.00	3.38	100	12	Horizontal	PASS



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	69.7700	28.55	-18.45	40.00	11.45	100	134	Vertical	PASS
2	136.700	29.37	-16.70	43.50	14.13	100	223	Vertical	PASS
3	299.660	32.96	-16.17	46.00	13.04	100	248	Vertical	PASS
4	350.100	37.04	-14.60	46.00	8.96	100	348	Vertical	PASS
5	399.570	40.56	-12.91	46.00	5.44	100	126	Vertical	PASS
6	500.450	40.63	-10.89	46.00	5.37	100	348	Vertical	PASS

Mode:	DH5-2402
-------	----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1180	42.90	2.00	74.00	31.10	150	108	Vertical	PASS
2	1654	47.88	2.81	74.00	26.12	150	88	Vertical	PASS
3	3864	42.49	-17.13	74.00	31.51	150	353	Vertical	PASS
4	6408	44.04	-12.08	74.00	29.96	150	311	Vertical	PASS
5	8226	44.79	-10.17	74.00	29.21	150	237	Vertical	PASS
6	11805	47.88	-4.45	74.00	26.12	150	228	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1282	42.67	2.30	74.00	31.33	150	96	Horizontal	PASS
2	1592	47.11	2.15	74.00	26.89	150	86	Horizontal	PASS
3	4932	44.20	-14.91	74.00	29.80	150	77	Horizontal	PASS
4	6384	44.68	-12.07	74.00	29.32	150	194	Horizontal	PASS
5	10704	46.75	-6.85	74.00	27.25	150	235	Horizontal	PASS
6	11760	47.30	-4.90	74.00	26.70	150	235	Horizontal	PASS

Mode:	DH5-2441
-------	----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1250	43.61	2.18	74.00	30.39	150	140	Vertical	PASS
2	1588	46.58	2.11	74.00	27.42	150	224	Vertical	PASS
3	3984	42.29	-16.74	74.00	31.71	150	73	Vertical	PASS
4	5205	44.22	-14.01	74.00	29.78	150	5	Vertical	PASS
5	7731	44.06	-11.50	74.00	29.94	150	243	Vertical	PASS
6	10626	46.36	-6.76	74.00	27.64	150	5	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1250	43.37	2.18	74.00	30.63	150	174	Horizontal	PASS
2	1596	46.47	2.18	74.00	27.53	150	164	Horizontal	PASS
3	4296	42.24	-16.29	74.00	31.76	150	344	Horizontal	PASS
4	5865	43.99	-12.97	74.00	30.01	150	149	Horizontal	PASS
5	8355	45.02	-10.01	74.00	28.98	150	243	Horizontal	PASS
6	12081	48.29	-4.04	74.00	25.71	150	314	Horizontal	PASS

Mode:	DH5-2480
-------	----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1338	42.95	2.15	74.00	31.05	150	170	Vertical	PASS
2	1594	47.61	2.16	74.00	26.39	150	92	Vertical	PASS
3	3936	42.31	-17.07	74.00	31.69	150	7	Vertical	PASS
4	7221	44.72	-12.16	74.00	29.28	150	258	Vertical	PASS
5	9186	45.13	-8.97	74.00	28.87	150	47	Vertical	PASS
6	12078	48.10	-4.11	74.00	25.90	150	90	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1200	42.74	2.14	74.00	31.26	150	304	Horizontal	PASS
2	1590	48.78	2.13	74.00	25.22	150	87	Horizontal	PASS
3	4206	42.68	-16.44	74.00	31.32	150	118	Horizontal	PASS
4	6792	44.10	-11.89	74.00	29.90	150	97	Horizontal	PASS
5	8091	44.89	-11.08	74.00	29.11	150	77	Horizontal	PASS
6	11388	47.73	-5.60	74.00	26.27	150	118	Horizontal	PASS

Mode:	2DH5-2402
-------	-----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1250	43.68	2.18	74.00	30.32	150	232	Vertical	PASS
2	1588	49.67	2.11	74.00	24.33	150	127	Vertical	PASS
3	4281	42.30	-16.42	74.00	31.70	150	90	Vertical	PASS
4	6093	44.37	-12.66	74.00	29.63	150	201	Vertical	PASS
5	10122	46.26	-7.13	74.00	27.74	150	298	Vertical	PASS
6	12744	49.19	-3.51	74.00	24.81	150	159	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1318	43.00	2.27	74.00	31.00	150	152	Horizontal	PASS
2	1596	48.68	2.18	74.00	25.32	150	87	Horizontal	PASS
3	5205	44.92	-14.01	74.00	29.08	150	194	Horizontal	PASS
4	6390	44.20	-12.05	74.00	29.80	150	261	Horizontal	PASS
5	8943	45.28	-9.64	74.00	28.72	150	267	Horizontal	PASS
6	13209	49.21	-2.29	74.00	24.79	150	296	Horizontal	PASS

Mode:	2DH5-2441
-------	-----------

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1100	43.43	1.25	74.00	30.57	150	108	Vertical	PASS
2	1590	48.62	2.13	74.00	25.38	150	108	Vertical	PASS
3	4119	42.15	-16.60	74.00	31.85	150	253	Vertical	PASS
4	5844	43.83	-13.05	74.00	30.17	150	182	Vertical	PASS
5	7719	44.56	-11.53	74.00	29.44	150	13	Vertical	PASS
6	11052	47.28	-5.82	74.00	26.72	150	202	Vertical	PASS

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1216	42.59	2.15	74.00	31.41	150	173	Horizontal	PASS
2	1528	48.02	1.77	74.00	25.98	150	91	Horizontal	PASS
3	4275	42.75	-16.47	74.00	31.25	150	143	Horizontal	PASS
4	5205	44.59	-14.01	74.00	29.41	150	182	Horizontal	PASS
5	6555	44.71	-12.11	74.00	29.29	150	316	Horizontal	PASS
6	9993	46.33	-7.68	74.00	27.67	150	125	Horizontal	PASS

Mode:	2DH5-2480
-------	-----------

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1100	44.45	1.25	74.00	29.55	150	238	Vertical	PASS
2	1590	49.62	2.13	74.00	24.38	150	133	Vertical	PASS
3	4185	42.96	-16.32	74.00	31.04	150	224	Vertical	PASS
4	6357	44.16	-12.20	74.00	29.84	150	40	Vertical	PASS
5	7434	44.42	-11.56	74.00	29.58	150	221	Vertical	PASS
6	10146	46.47	-7.03	74.00	27.53	150	28	Vertical	PASS

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	1428	43.76	1.95	74.00	30.24	150	229	Horizontal	PASS
2	1592	47.44	2.15	74.00	26.56	150	88	Horizontal	PASS
3	3831	43.03	-17.16	74.00	30.97	150	51	Horizontal	PASS
4	6732	44.59	-12.24	74.00	29.41	150	72	Horizontal	PASS
5	7794	45.08	-11.09	74.00	28.92	150	168	Horizontal	PASS
6	11130	46.73	-5.64	74.00	27.27	150	326	Horizontal	PASS