

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: FUNLOGY Earbuds SE

Test Model: FLU01

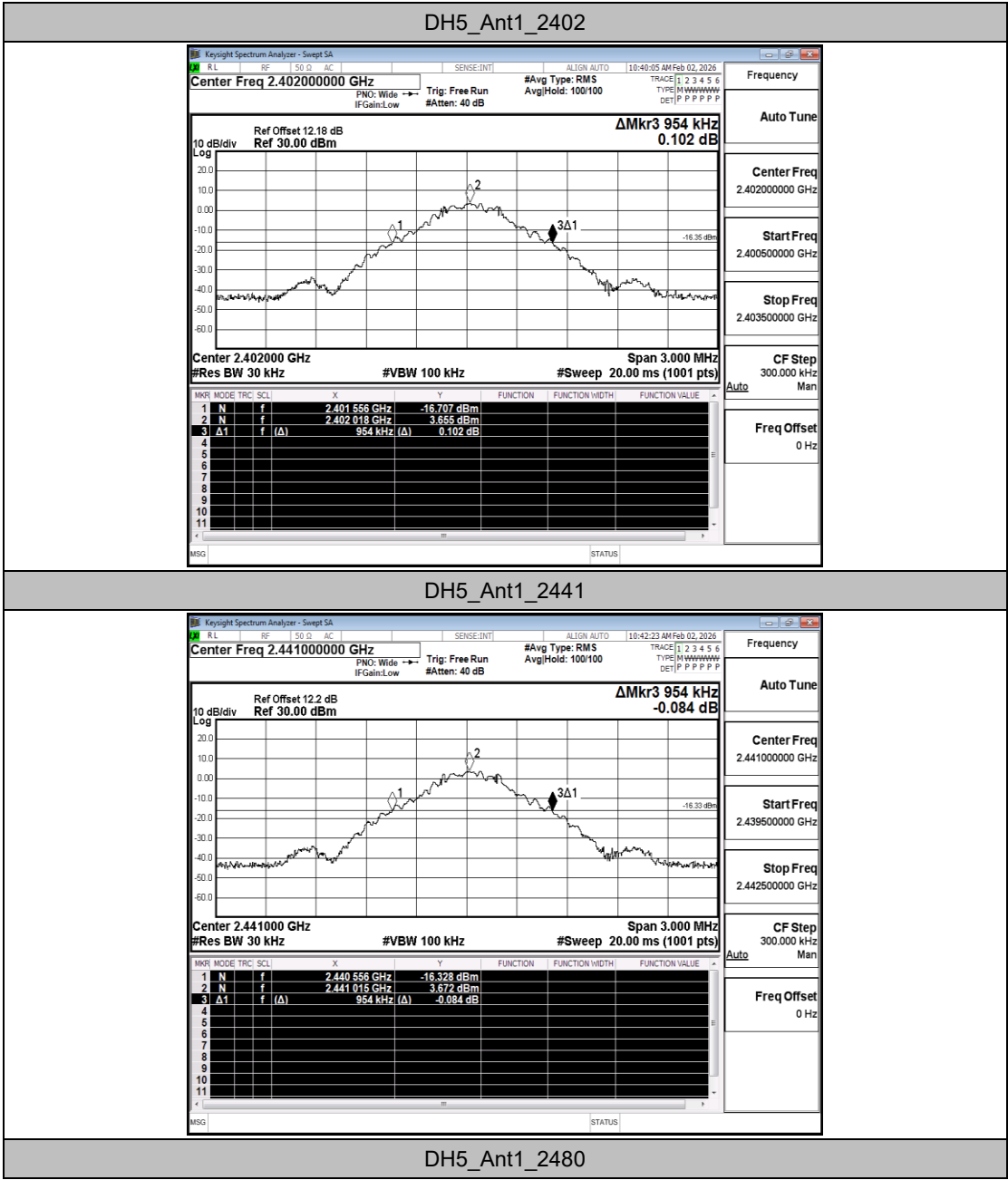
Environmental Conditions	
Temperature:	24.1°C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Yan Chen
Supervised by:	Fengliu Tang

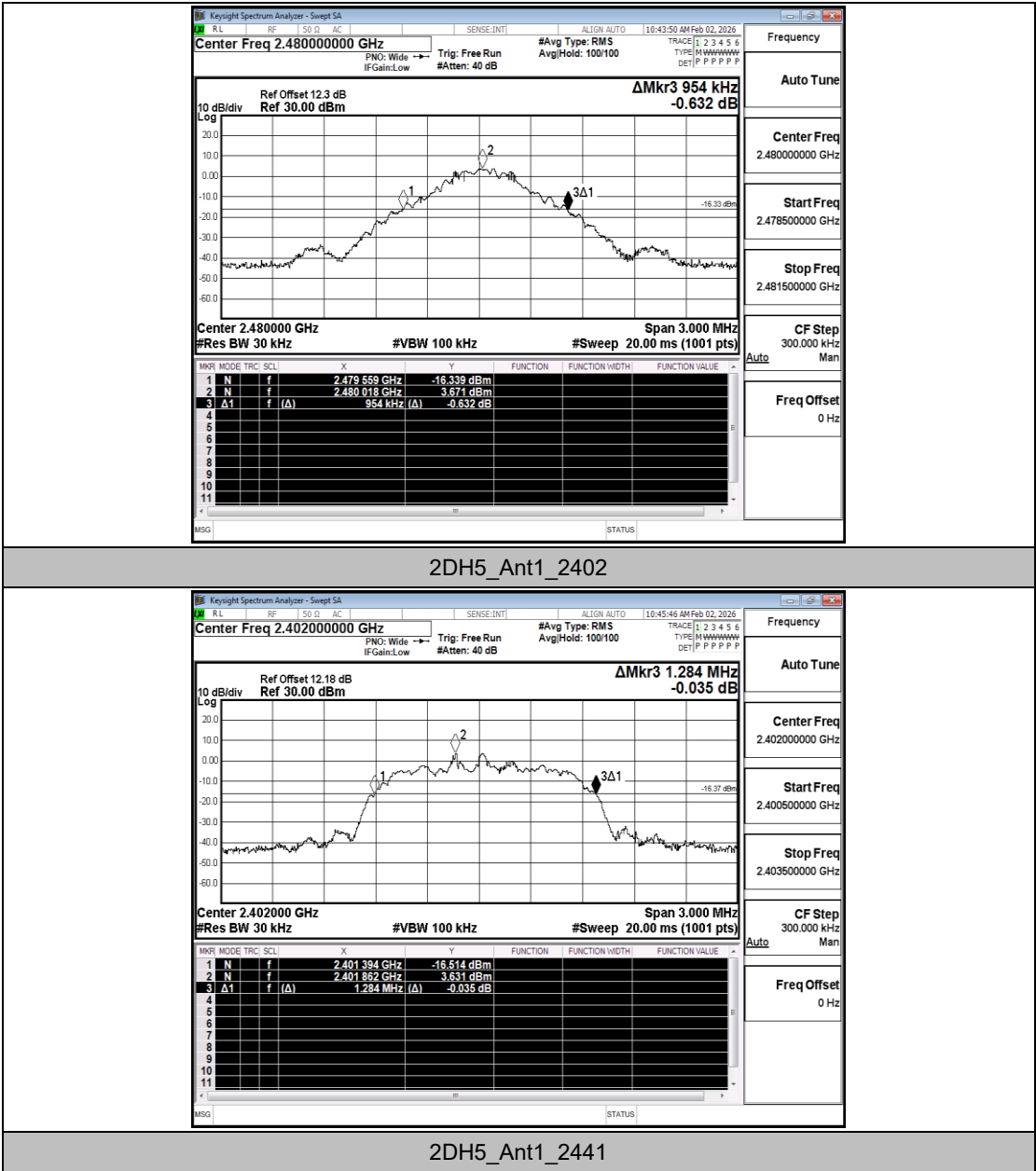
A.1 20dB Emission Bandwidth

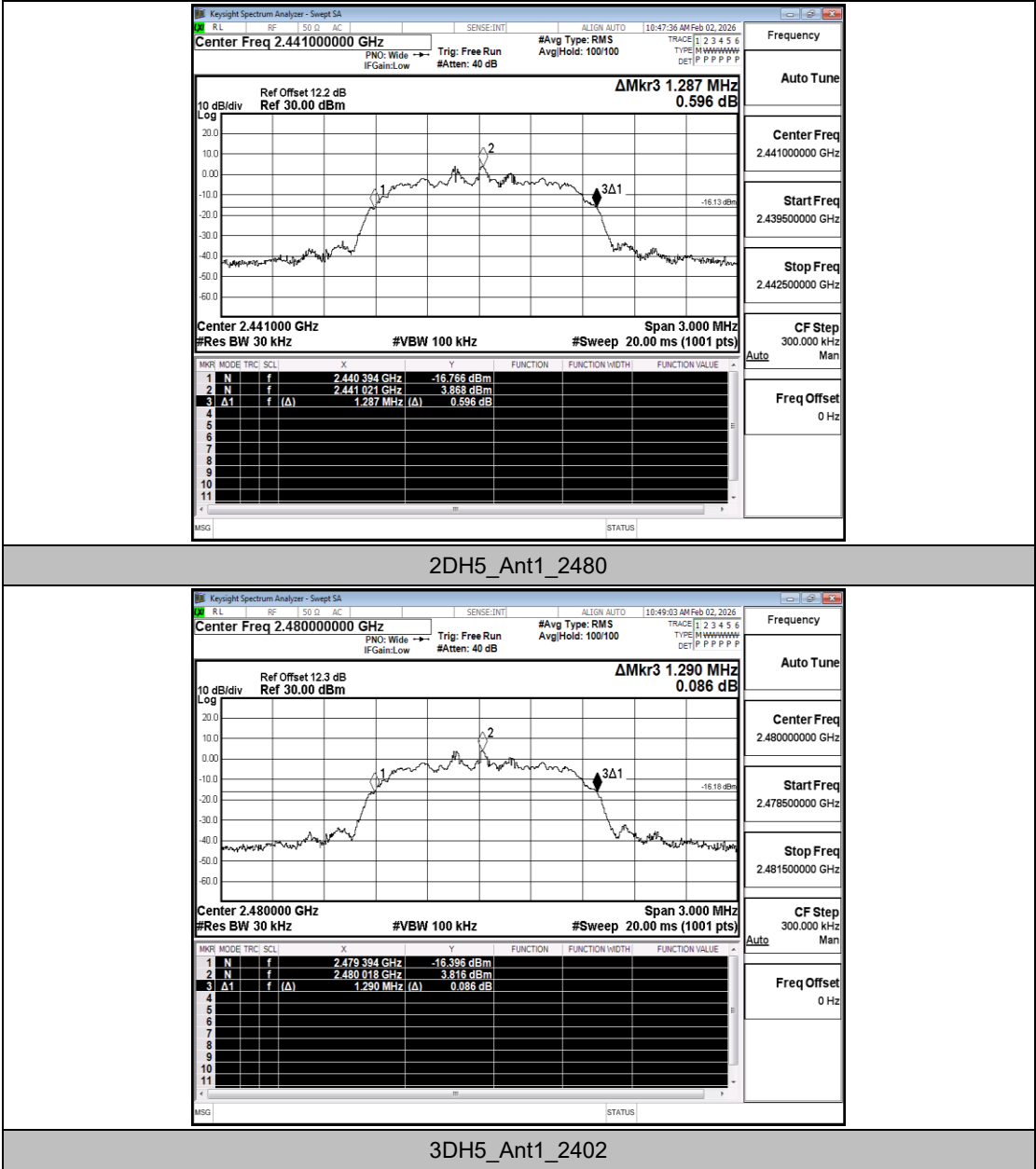
Test Result

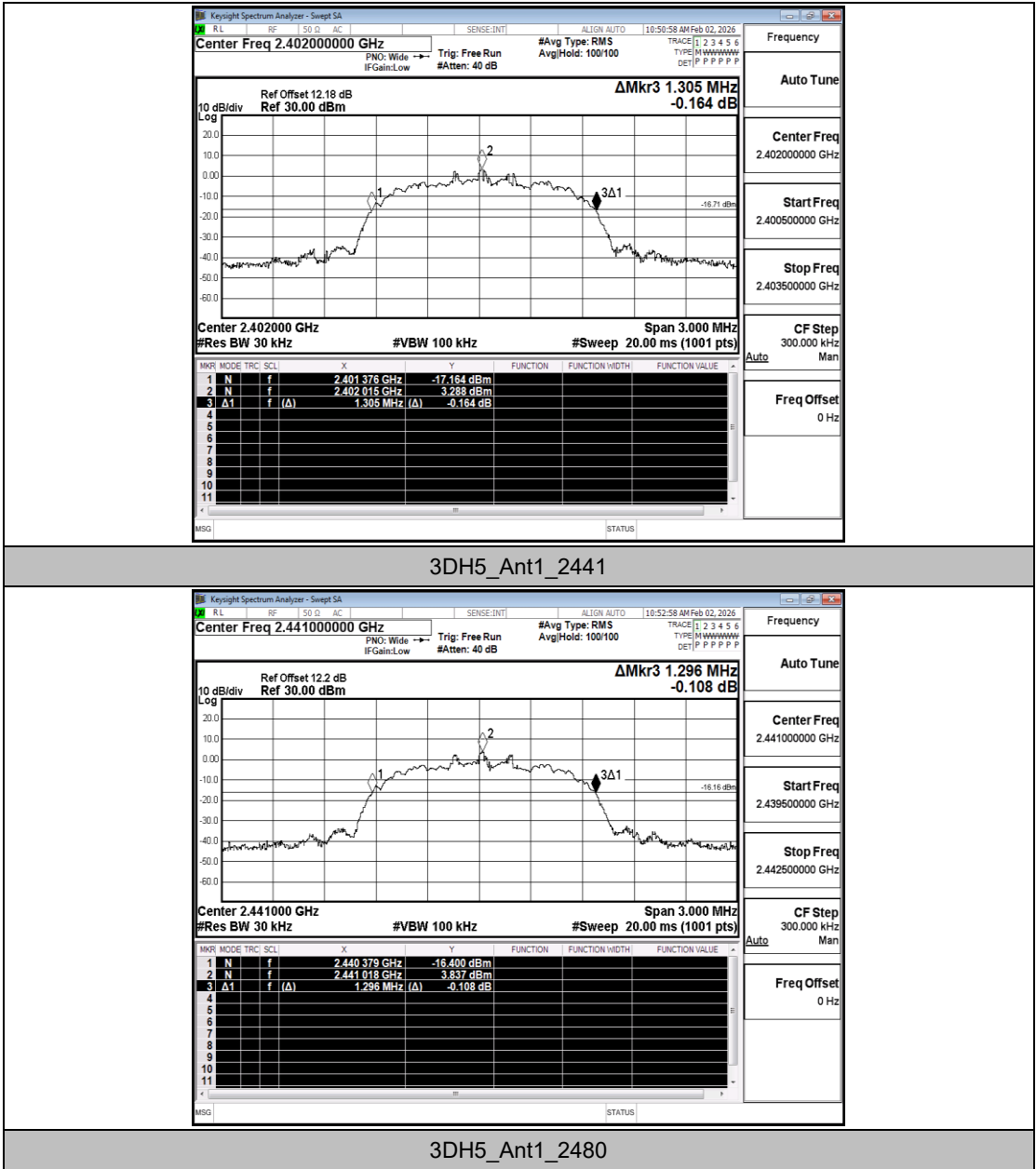
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.954	2401.556	2402.510	---	---
		2441	0.954	2440.556	2441.510	---	---
		2480	0.954	2479.559	2480.513	---	---
2DH5	Ant1	2402	1.284	2401.394	2402.678	---	---
		2441	1.287	2440.394	2441.681	---	---
		2480	1.290	2479.394	2480.684	---	---
3DH5	Ant1	2402	1.305	2401.376	2402.681	---	---
		2441	1.296	2440.379	2441.675	---	---
		2480	1.308	2479.376	2480.684	---	---

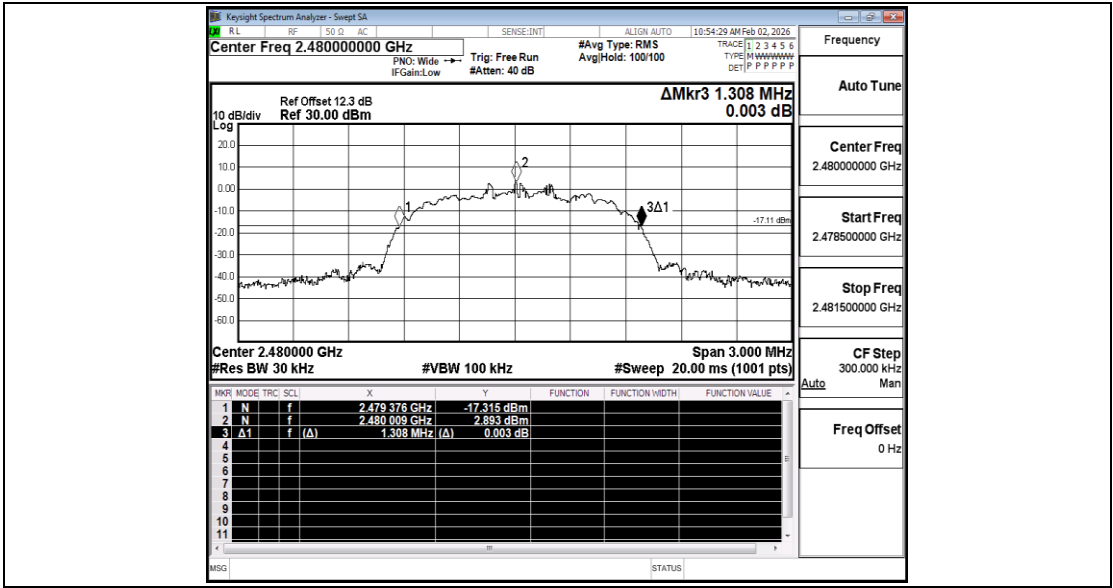
Test Graphs









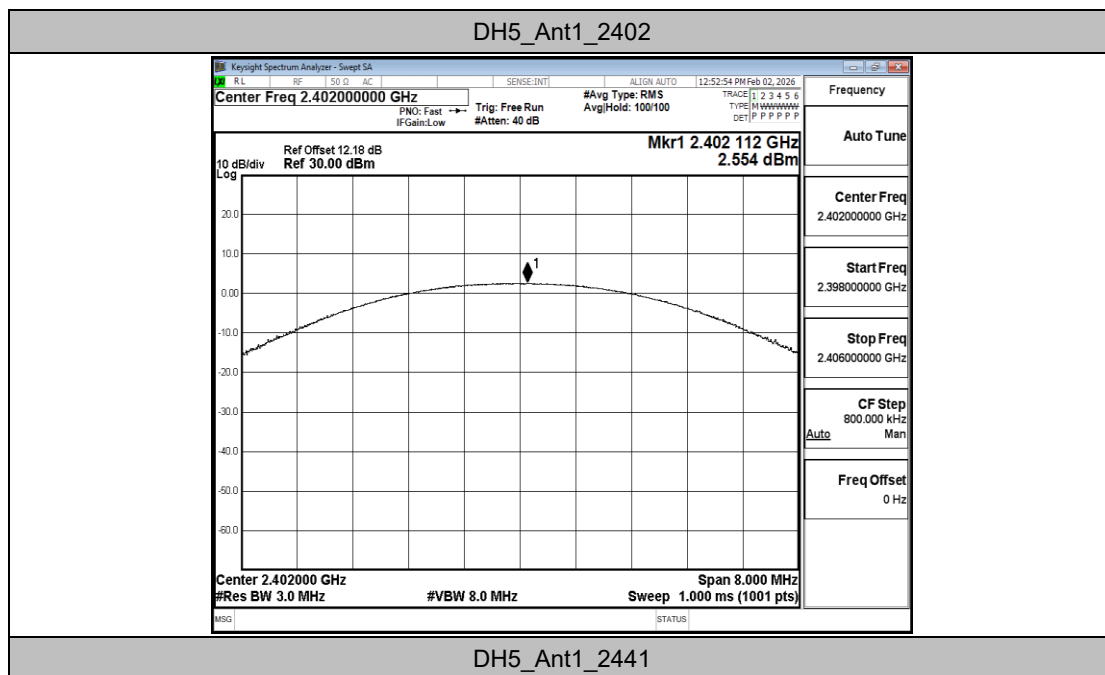


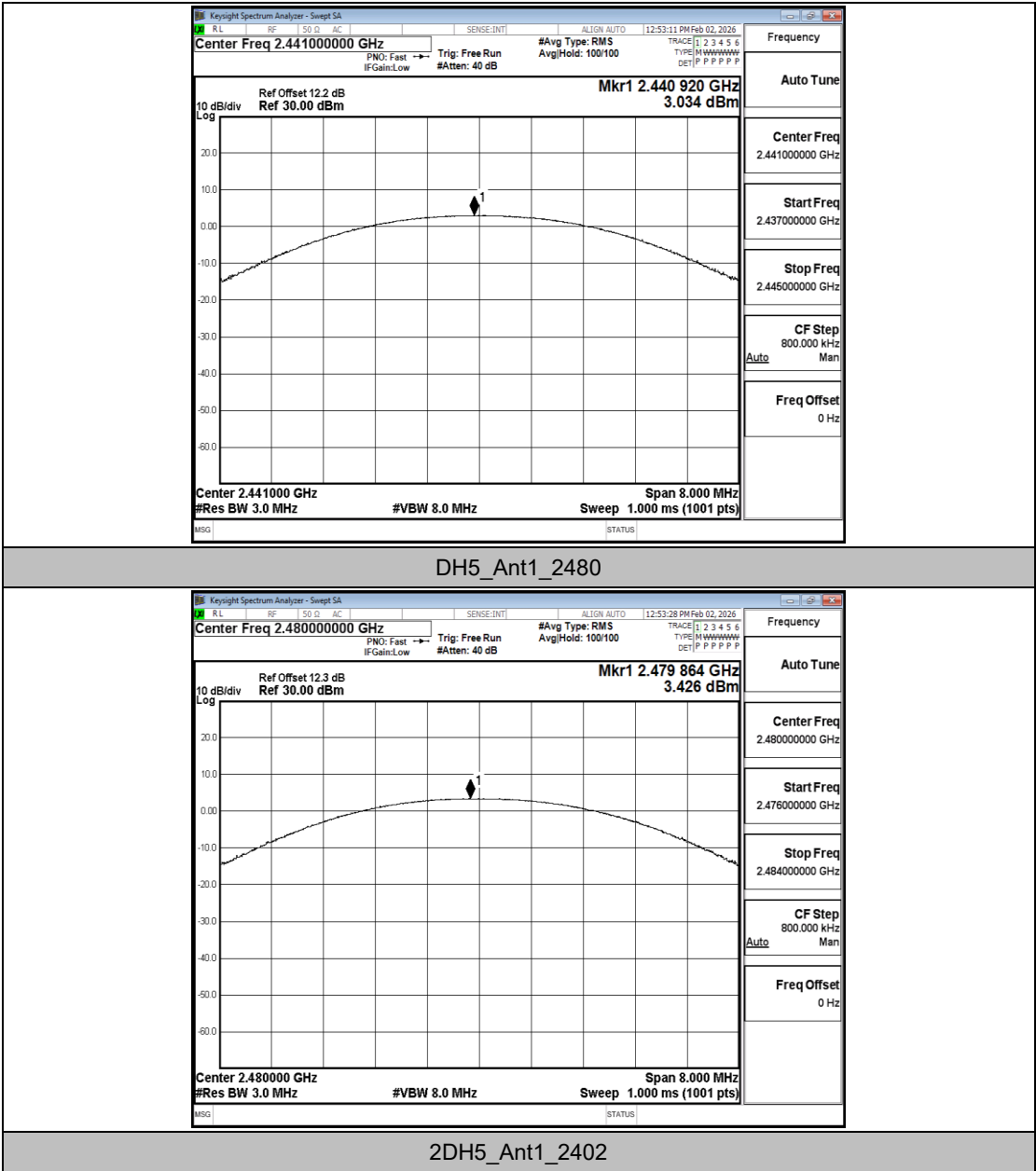
A.2 Maximum Peak conducted output power

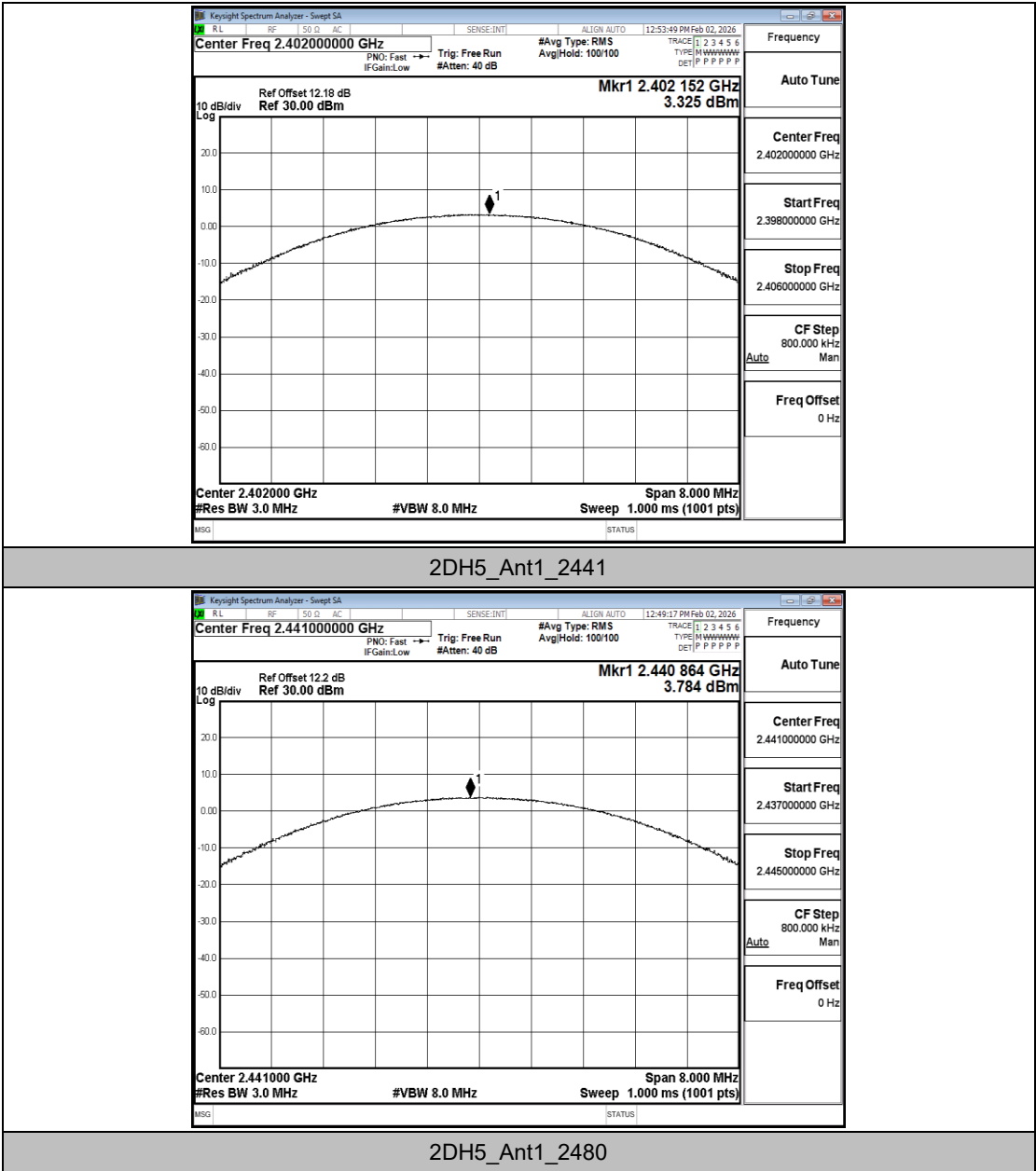
Test Result Peak

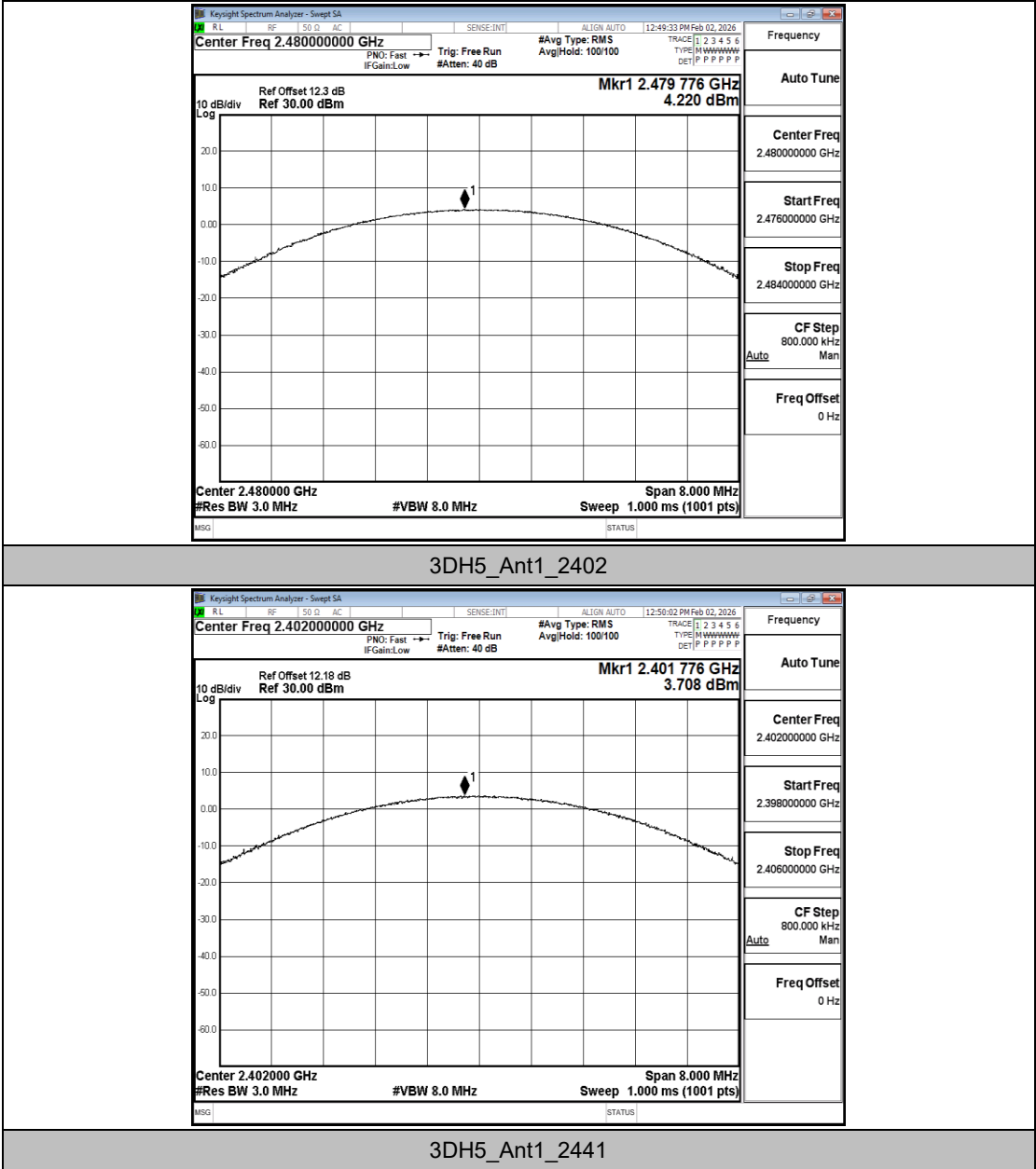
Test Mode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.55	≤20.97	PASS
		2441	3.03	≤20.97	PASS
		2480	3.43	≤20.97	PASS
2DH5	Ant1	2402	3.33	≤30	PASS
		2441	3.78	≤30	PASS
		2480	4.22	≤30	PASS
3DH5	Ant1	2402	3.71	≤20.97	PASS
		2441	4.13	≤20.97	PASS
		2480	4.64	≤20.97	PASS

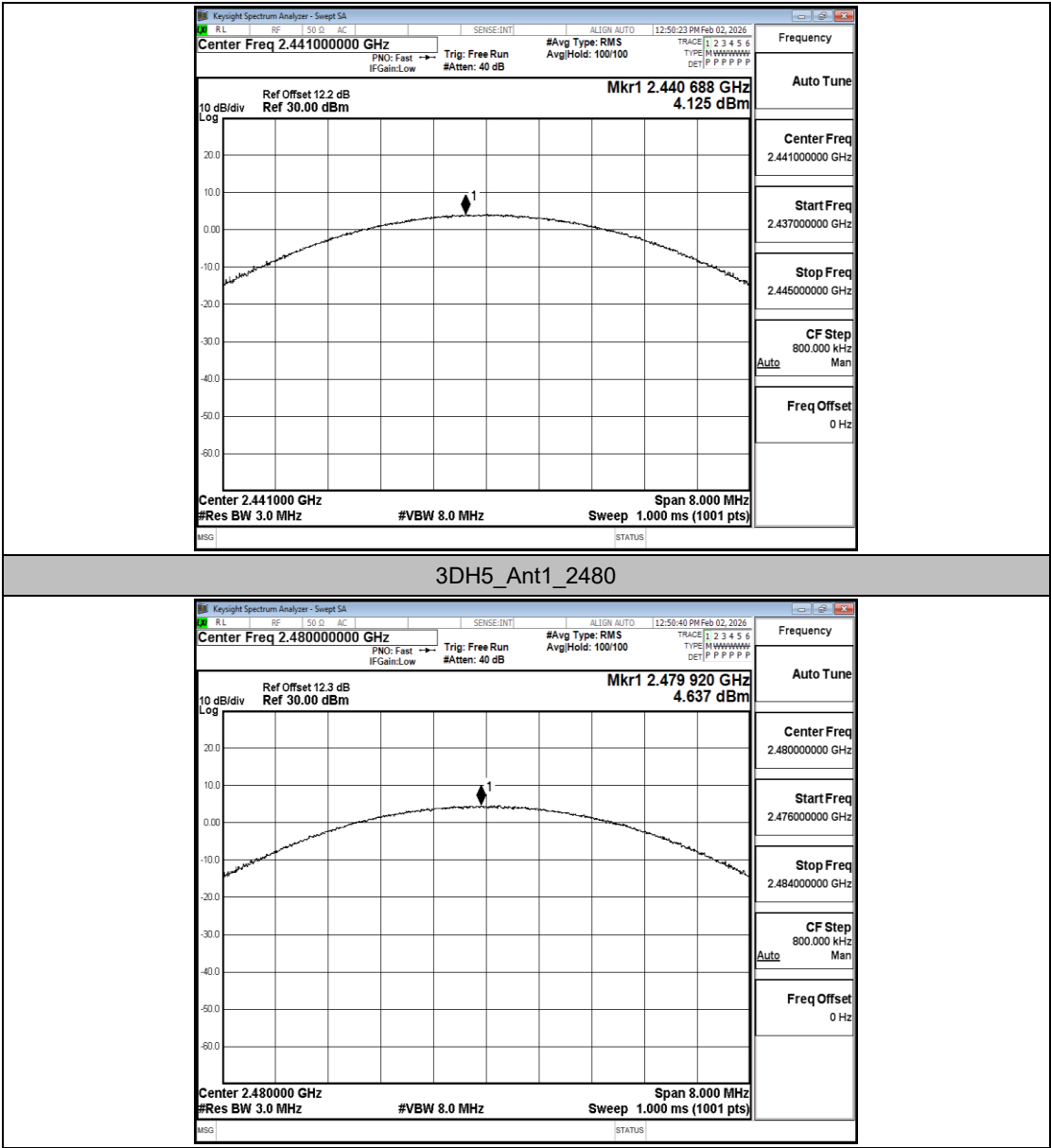
Test Graphs









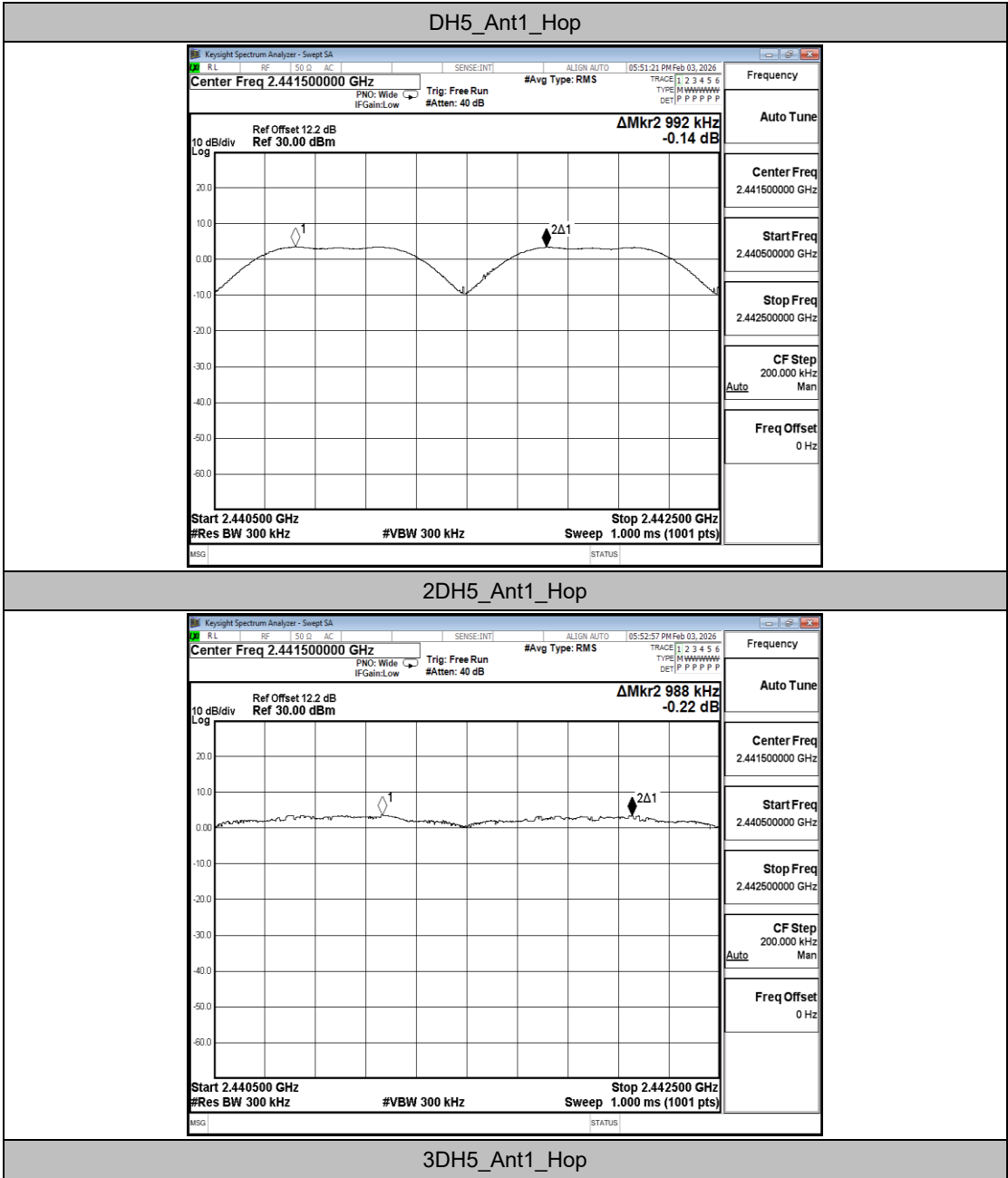


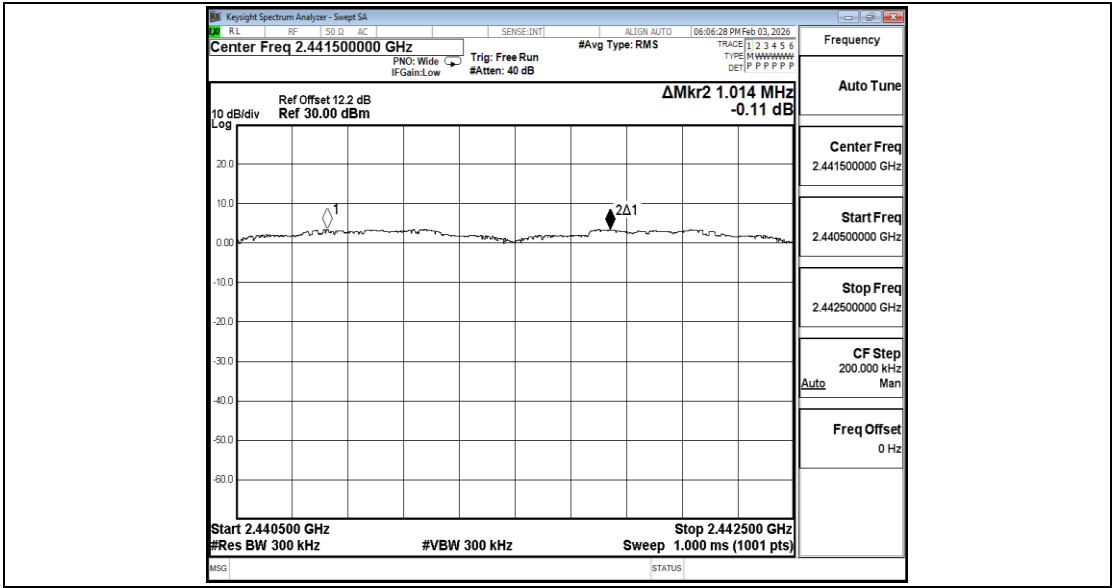
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.992	≥0.636	PASS
2DH5	Ant1	Hop	0.988	≥0.860	PASS
3DH5	Ant1	Hop	1.014	≥0.872	PASS

Test Graphs



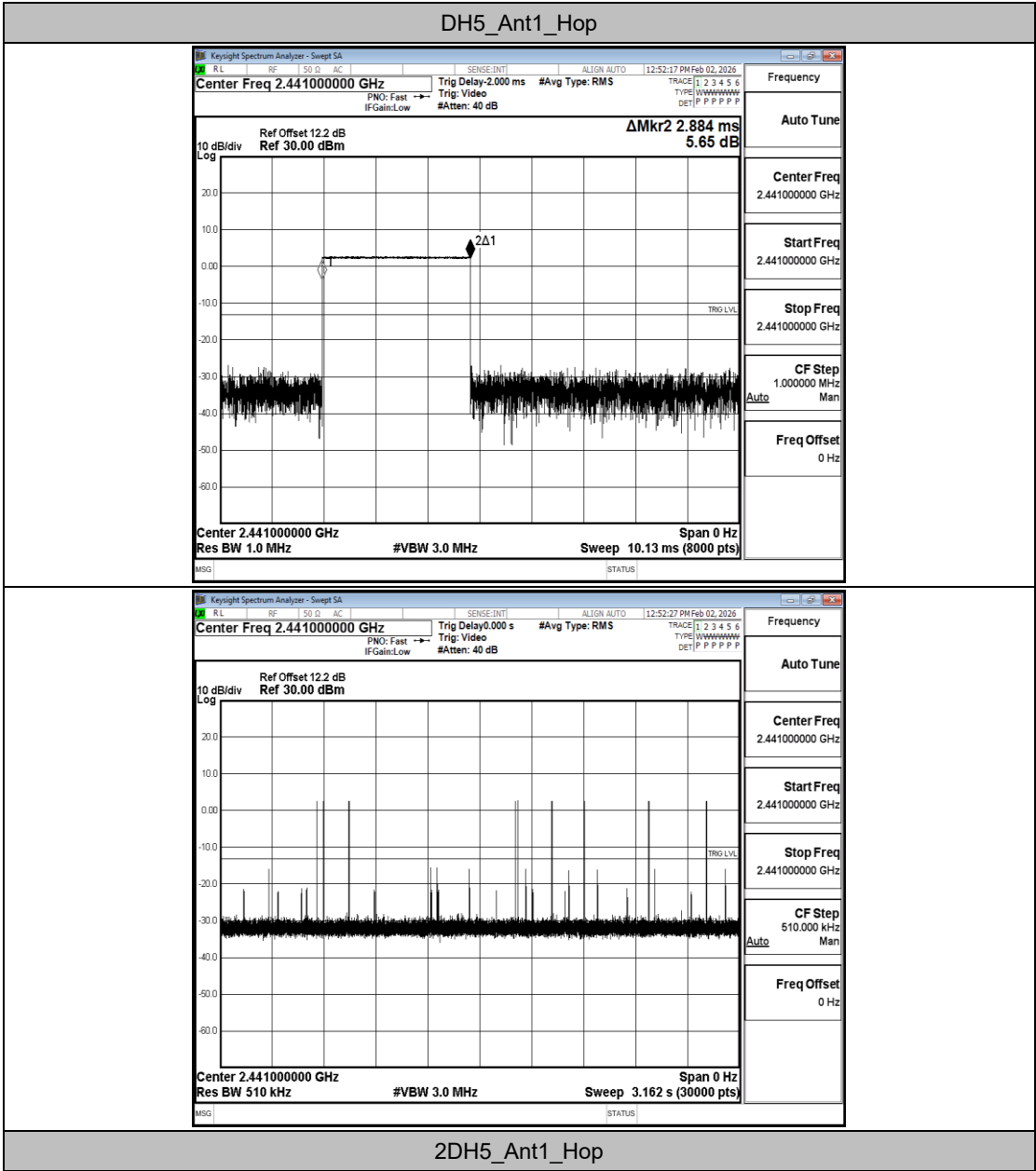


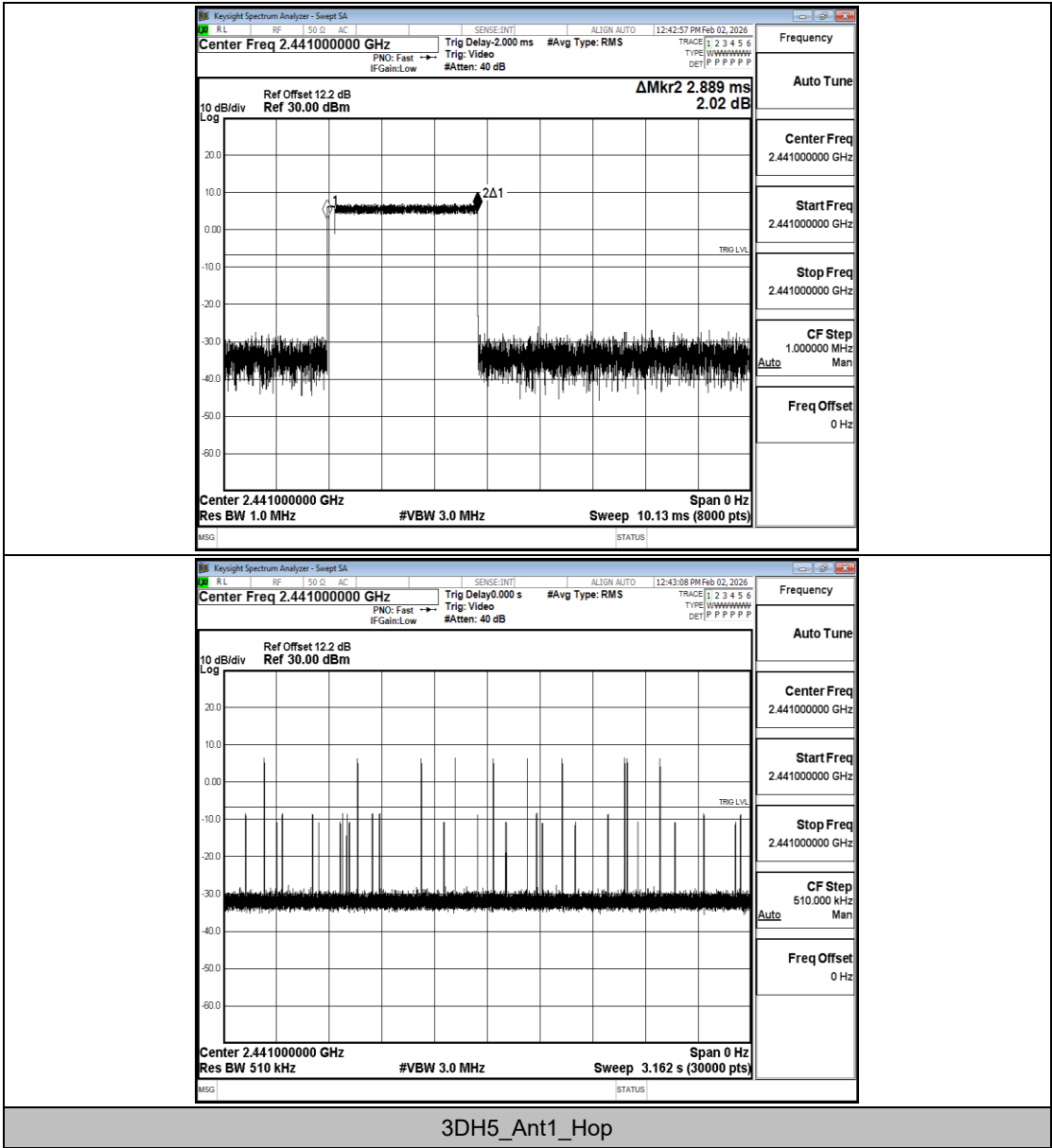
A.4 Time of occupancy

Test Result

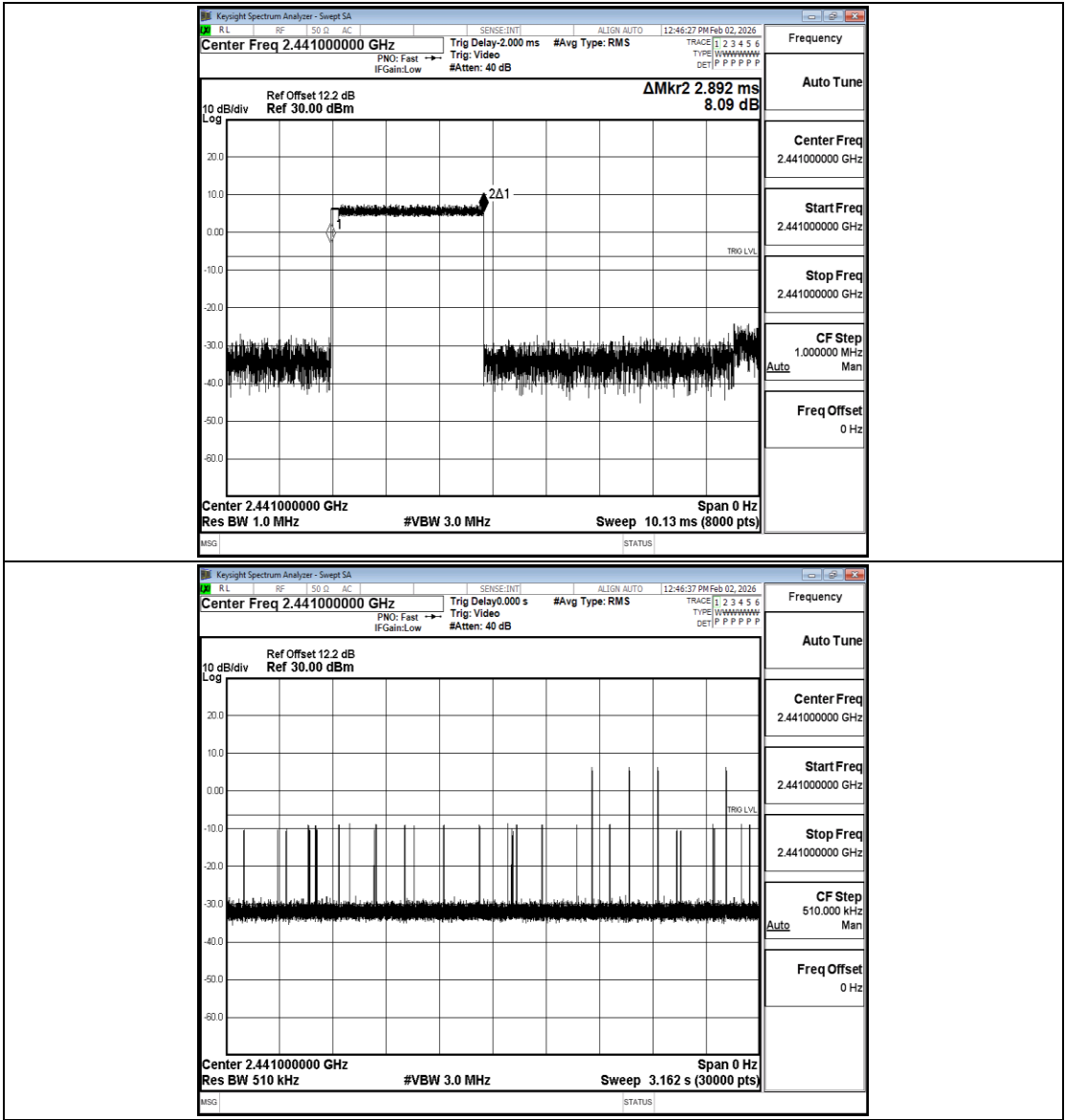
TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS
2DH5	Ant1	Hop	2.889	110	0.318	≤0.4	PASS
3DH5	Ant1	Hop	2.892	50	0.145	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

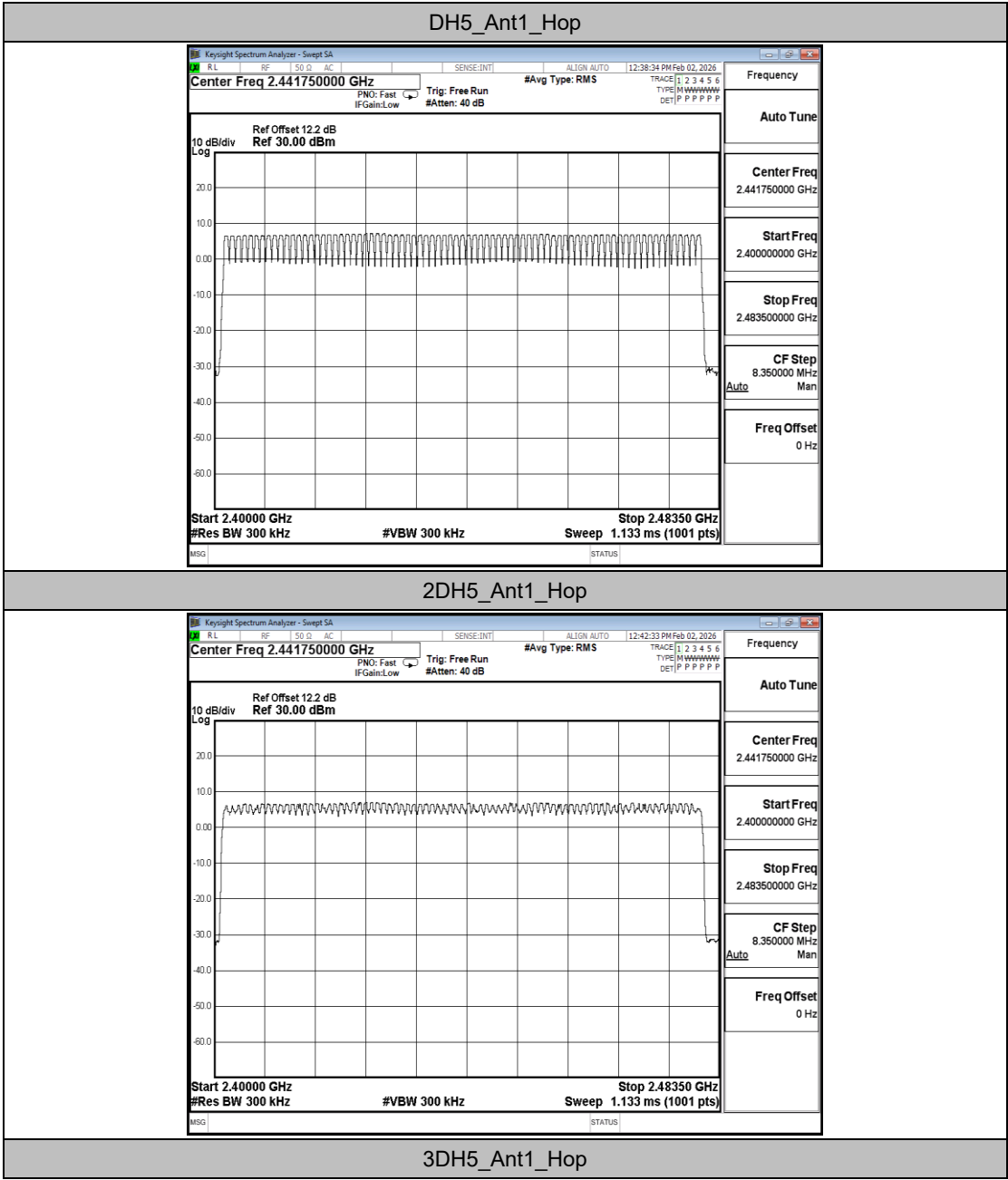


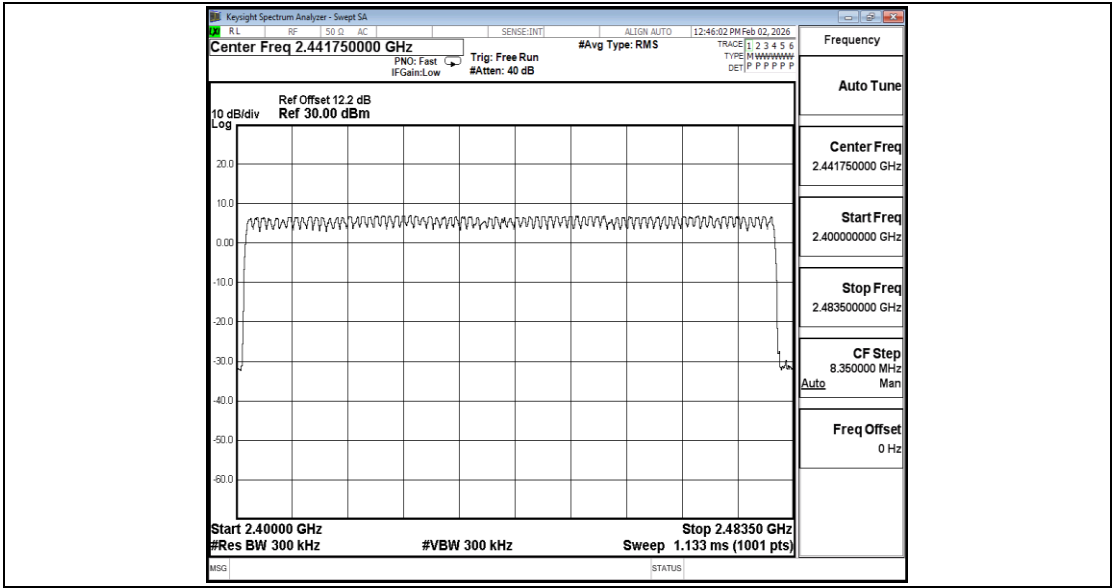
A.5 Number of hopping channels

Test Result

TestMode	Antenna	Freq (MHz)	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



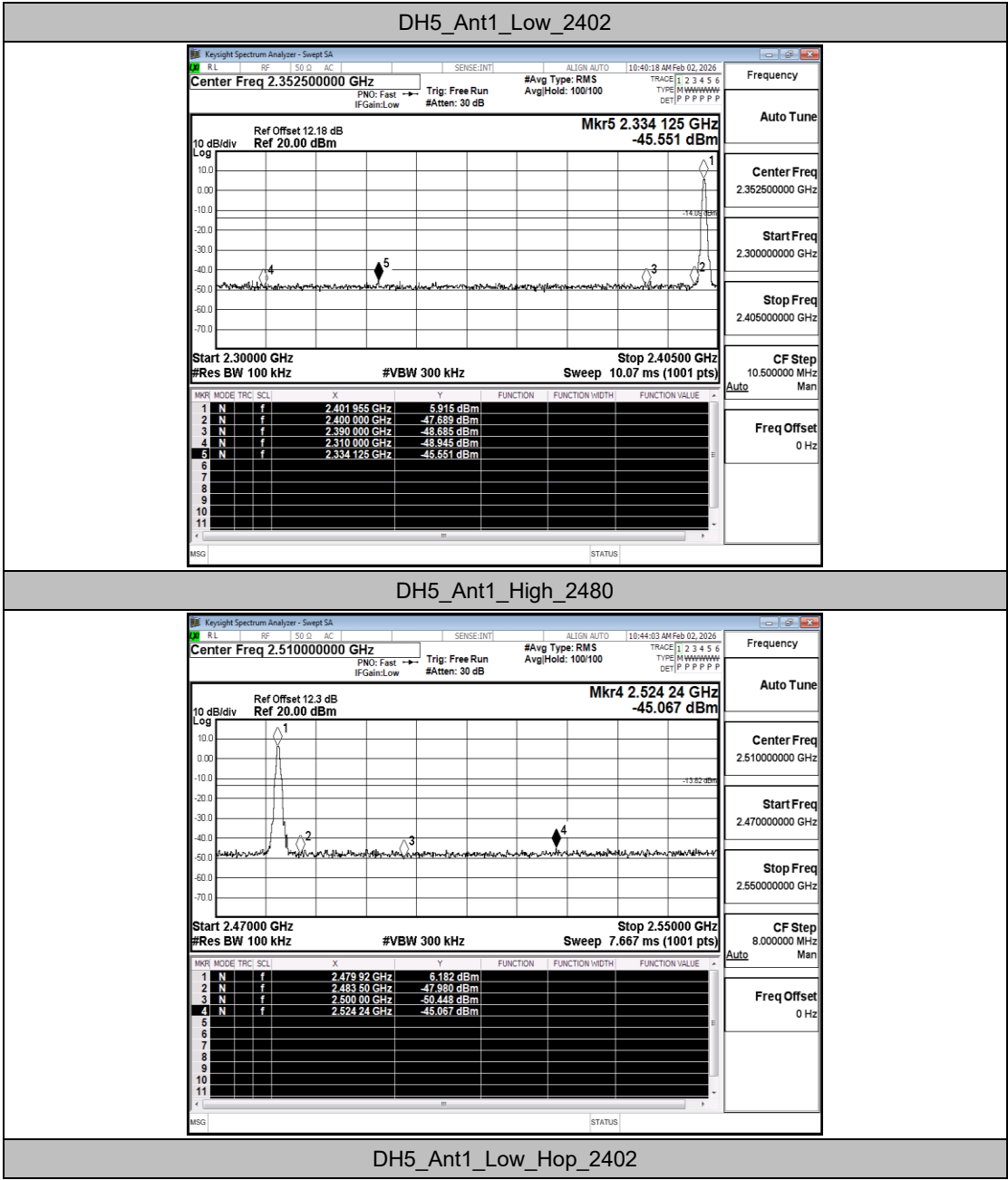


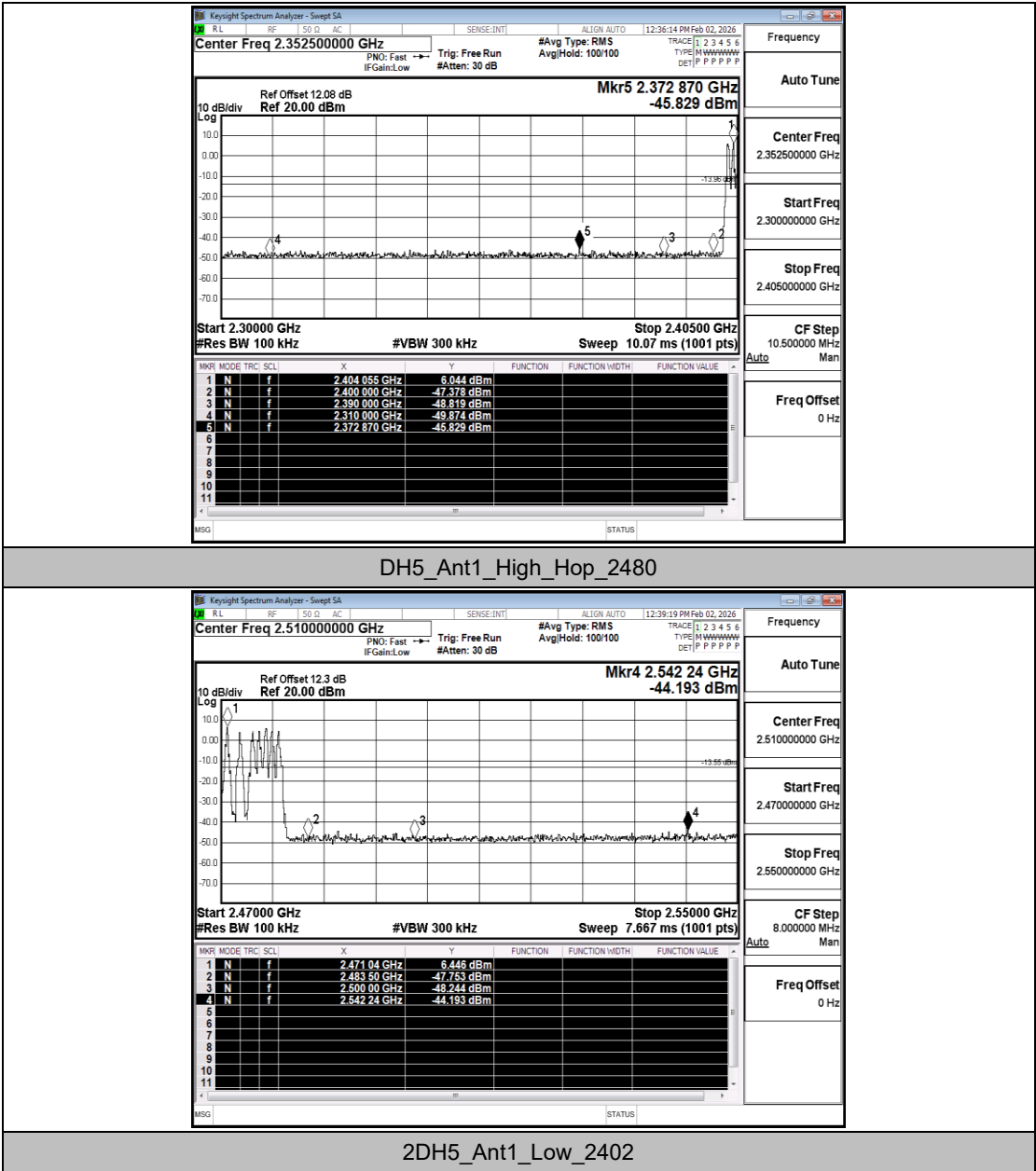
A.6 Band edge measurements

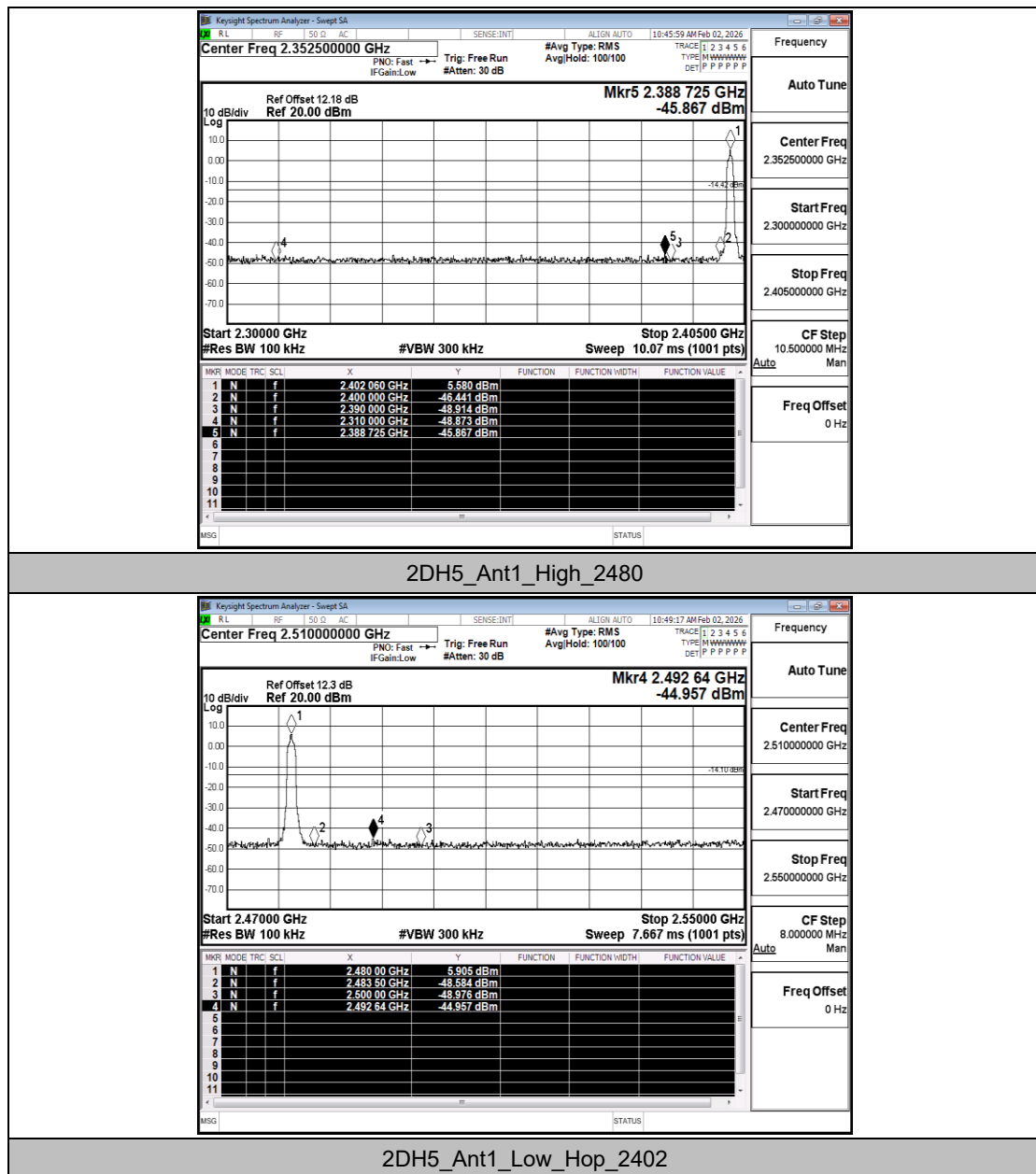
Test Result

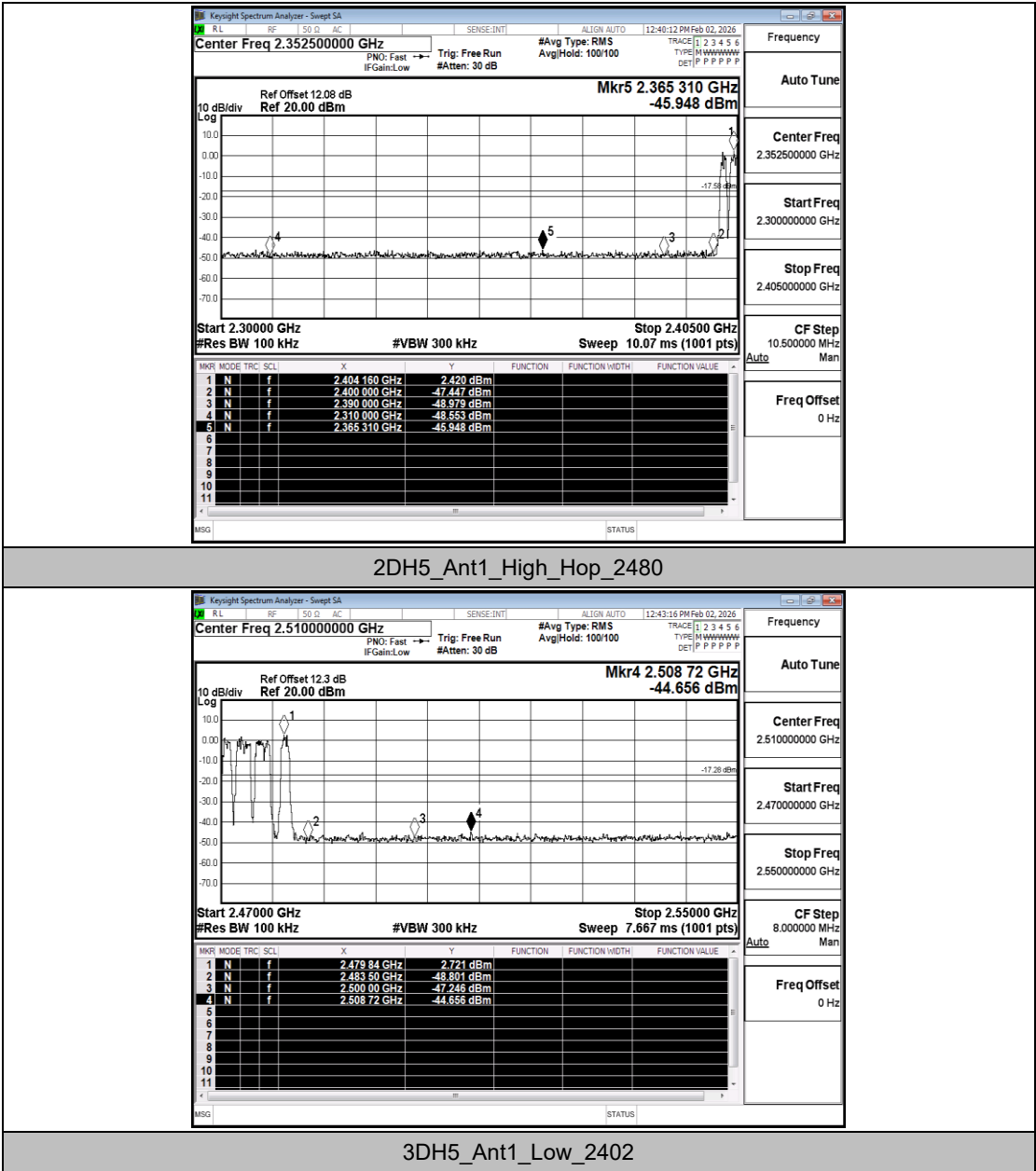
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.92	-45.55	≤ -14.09	PASS
		High	2480	6.18	-45.07	≤ -13.82	PASS
		Low	Hop_2402	6.04	-45.83	≤ -13.96	PASS
		High	Hop_2480	6.45	-44.19	≤ -13.55	PASS
2DH5	Ant1	Low	2402	5.58	-45.87	≤ -14.42	PASS
		High	2480	5.91	-44.96	≤ -14.1	PASS
		Low	Hop_2402	2.42	-45.95	≤ -17.58	PASS
		High	Hop_2480	2.72	-44.66	≤ -17.28	PASS
3DH5	Ant1	Low	2402	5.80	-45.03	≤ -14.2	PASS
		High	2480	5.08	-43.99	≤ -14.92	PASS
		Low	Hop_2402	1.72	-45.37	≤ -18.28	PASS
		High	Hop_2480	2.79	-45.24	≤ -17.21	PASS

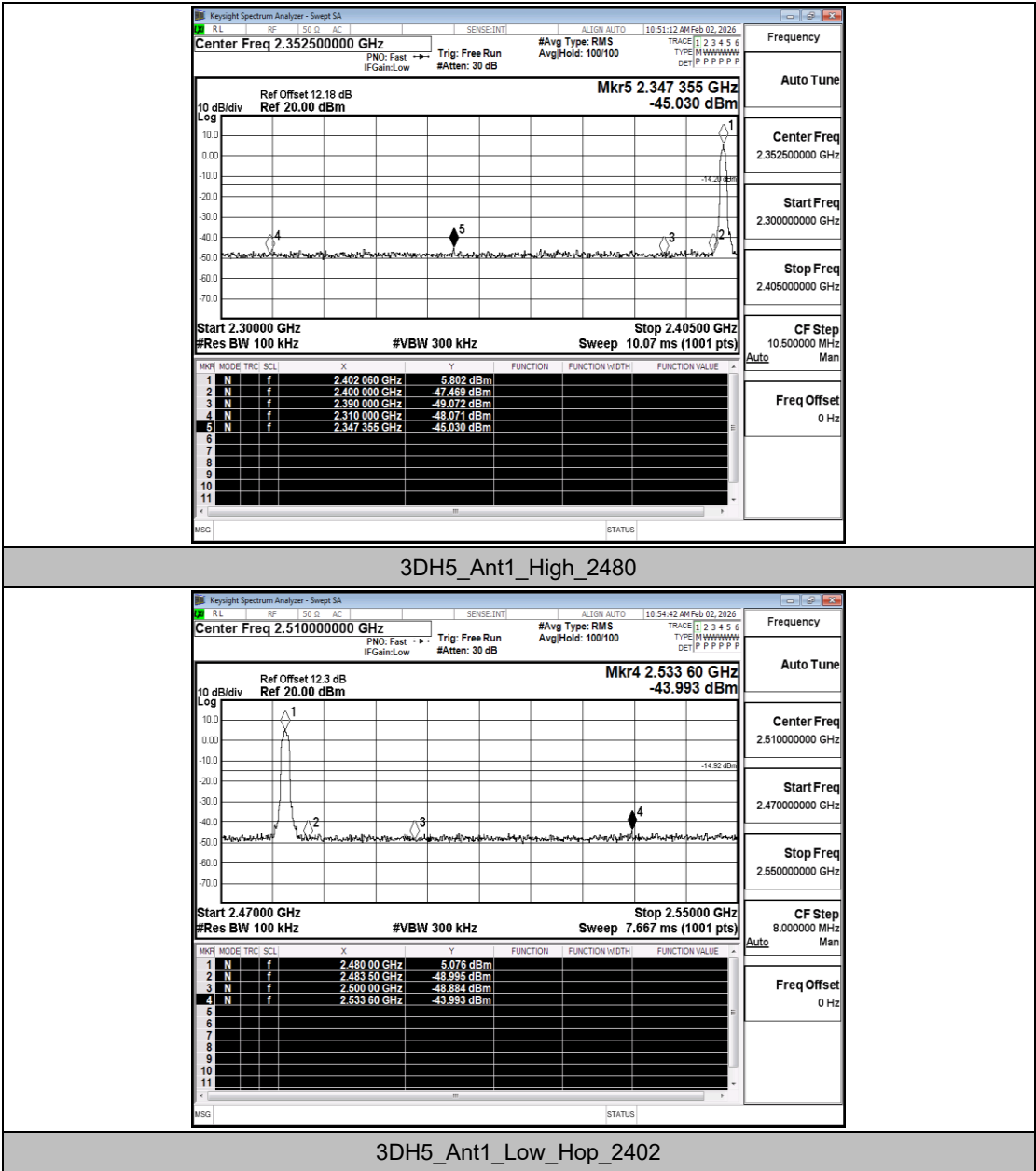
Test Graphs

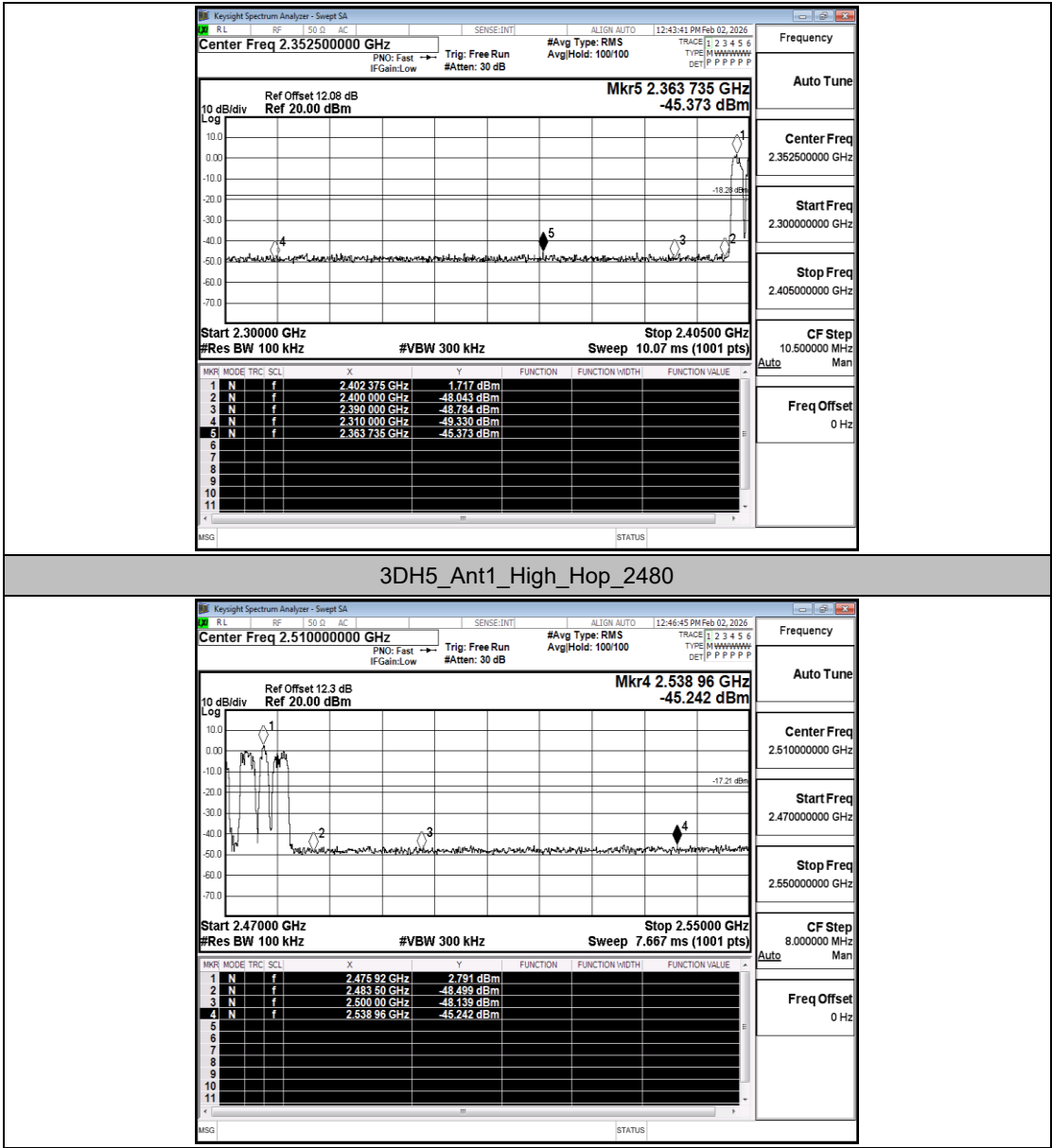












A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	6.13	6.13	---	PASS
			30~1000	6.13	-65.11	≤-13.87	PASS
			1000~26500	6.13	-35.35	≤-13.87	PASS
		2441	Reference	6.28	6.28	---	PASS
			30~1000	6.28	-65.54	≤-13.72	PASS
			1000~26500	6.28	-32.91	≤-13.72	PASS
		2480	Reference	6.41	6.41	---	PASS
			30~1000	6.41	-66.48	≤-13.59	PASS
			1000~26500	6.41	-32.19	≤-13.59	PASS
2DH5	Ant1	2402	Reference	6.10	6.10	---	PASS
			30~1000	6.10	-65.45	≤-13.9	PASS
			1000~26500	6.10	-34.35	≤-13.9	PASS
		2441	Reference	6.32	6.32	---	PASS
			30~1000	6.32	-64.85	≤-13.68	PASS
			1000~26500	6.32	-36.73	≤-13.68	PASS
		2480	Reference	6.46	6.46	---	PASS
			30~1000	6.46	-65.44	≤-13.54	PASS
			1000~26500	6.46	-35.55	≤-13.54	PASS
3DH5	Ant1	2402	Reference	6.08	6.08	---	PASS
			30~1000	6.08	-65.52	≤-13.92	PASS
			1000~26500	6.08	-38.84	≤-13.92	PASS
		2441	Reference	6.26	6.26	---	PASS
			30~1000	6.26	-64.56	≤-13.74	PASS
			1000~26500	6.26	-34.88	≤-13.74	PASS
		2480	Reference	6.47	6.47	---	PASS
			30~1000	6.47	-64.7	≤-13.53	PASS
			1000~26500	6.47	-34.73	≤-13.53	PASS

Test Graphs

