

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Gramophone Turntable

Test Model: MT-TFT01

Environmental Conditions

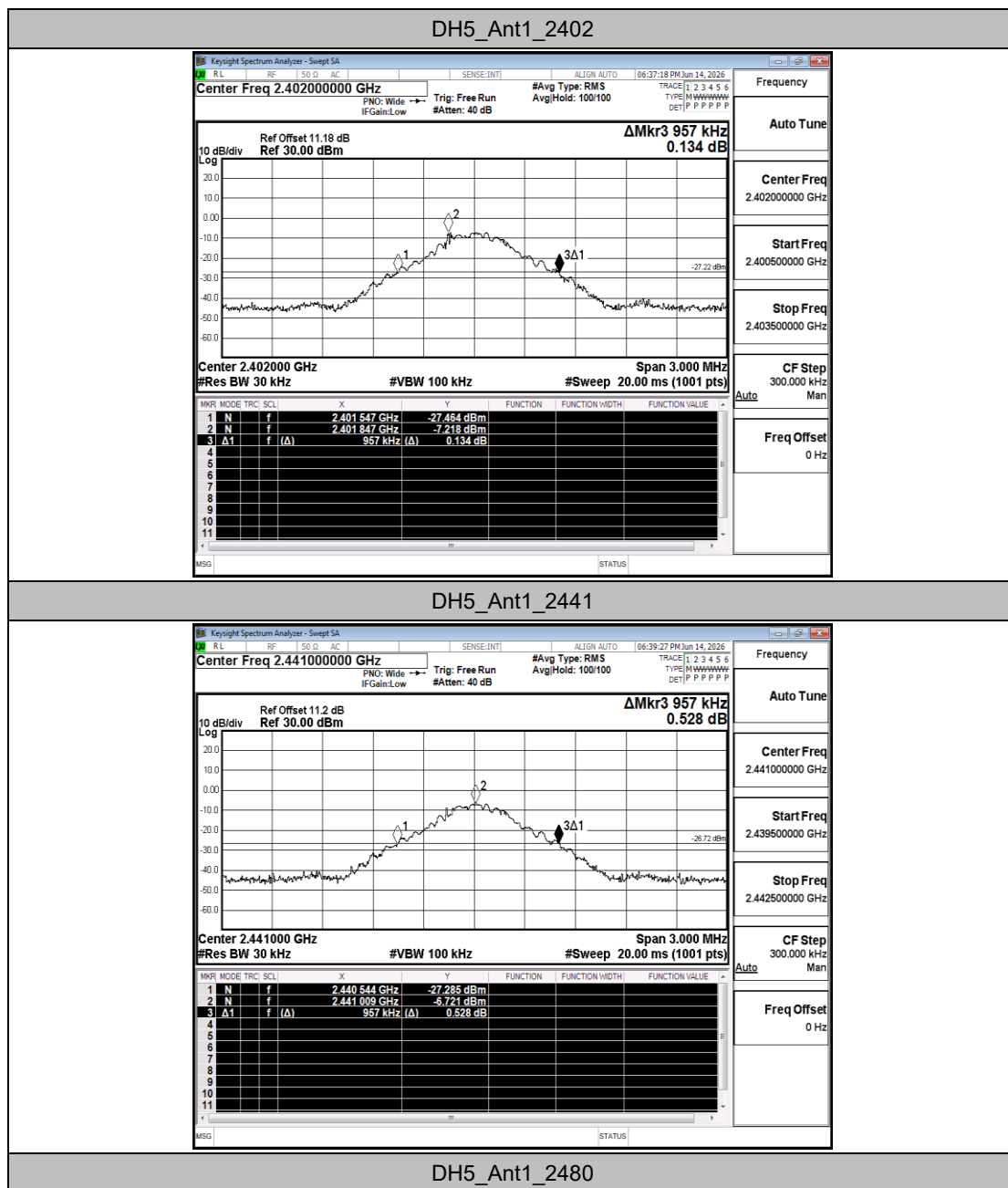
Temperature:	24.5°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	zhao xing hai
Supervised by:	Fengliu Tang

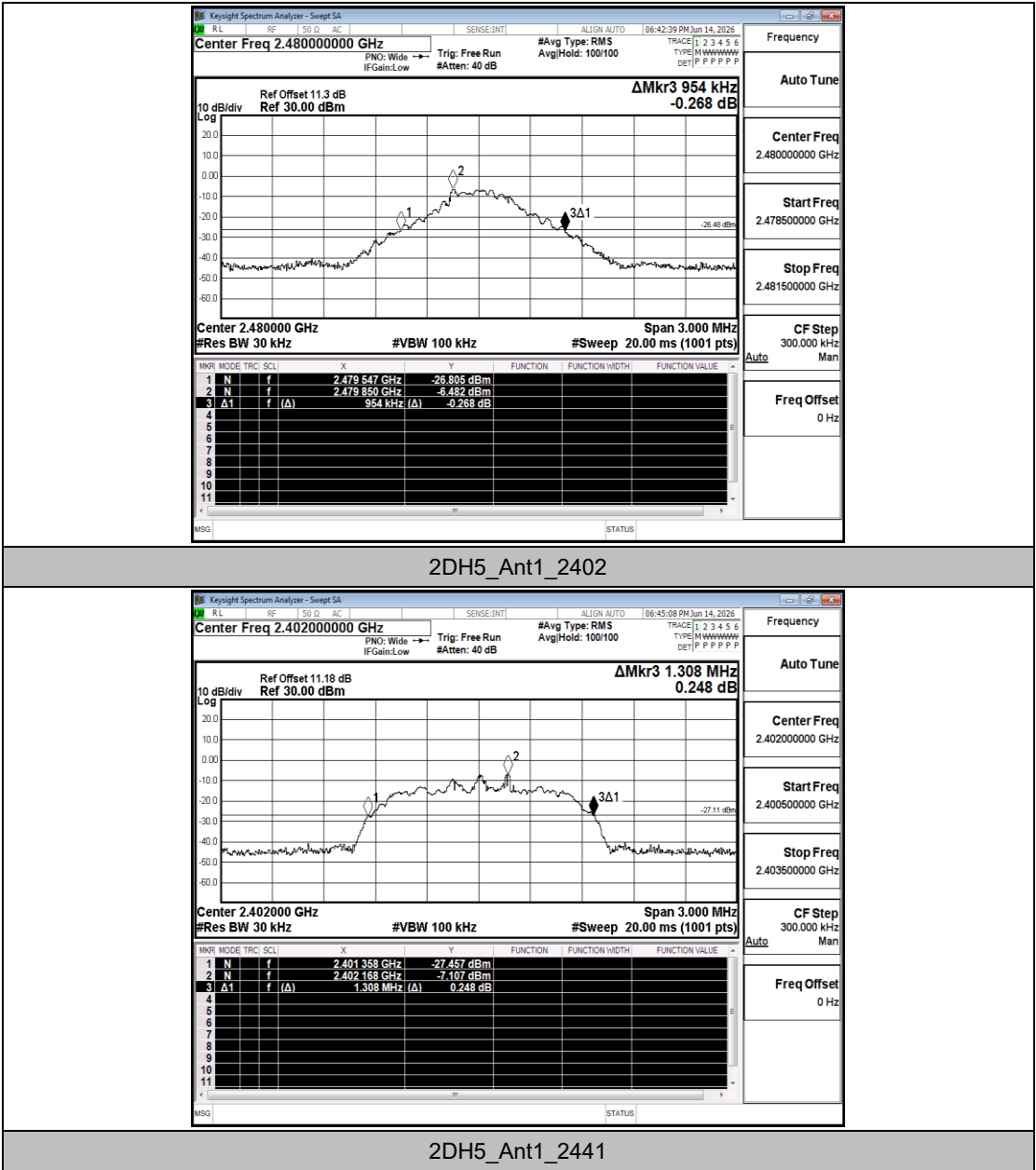
A.1 20dB Emission Bandwidth

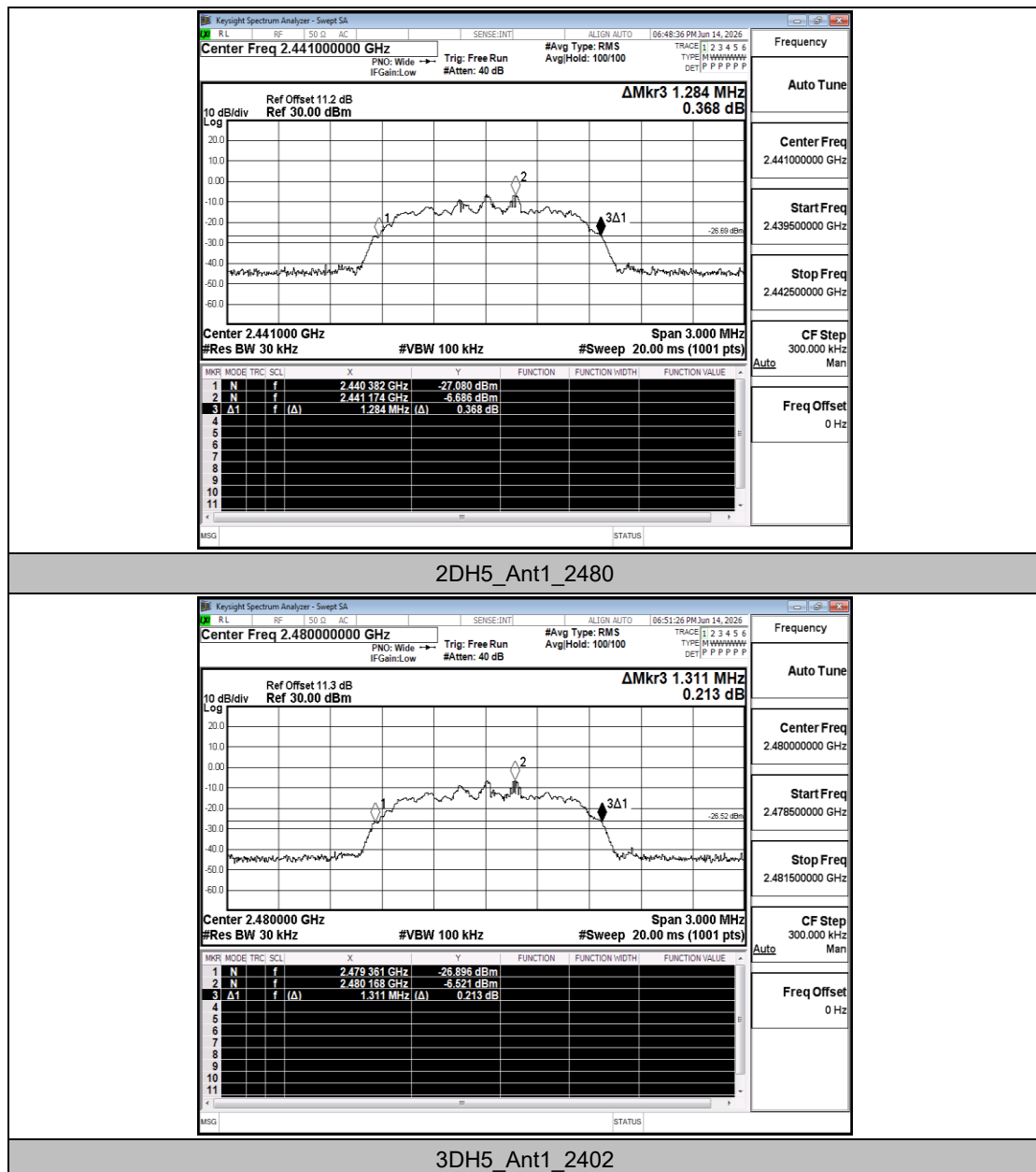
Test Result

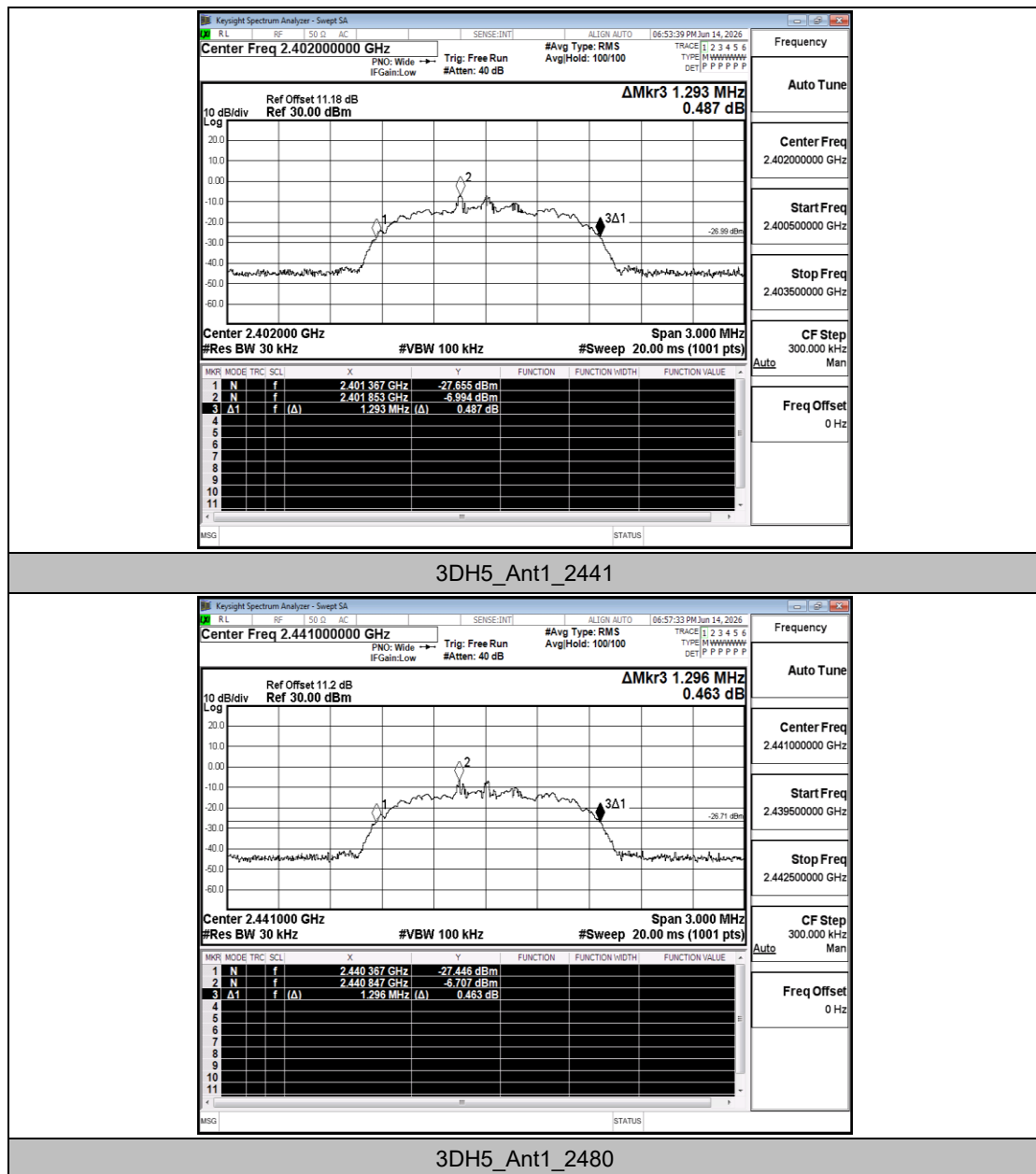
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.957	2401.547	2402.504	---	---
		2441	0.957	2440.544	2441.501	---	---
		2480	0.954	2479.547	2480.501	---	---
2DH5	Ant1	2402	1.308	2401.358	2402.666	---	---
		2441	1.284	2440.382	2441.666	---	---
		2480	1.311	2479.361	2480.672	---	---
3DH5	Ant1	2402	1.293	2401.367	2402.660	---	---
		2441	1.296	2440.367	2441.663	---	---
		2480	1.296	2479.370	2480.666	---	---

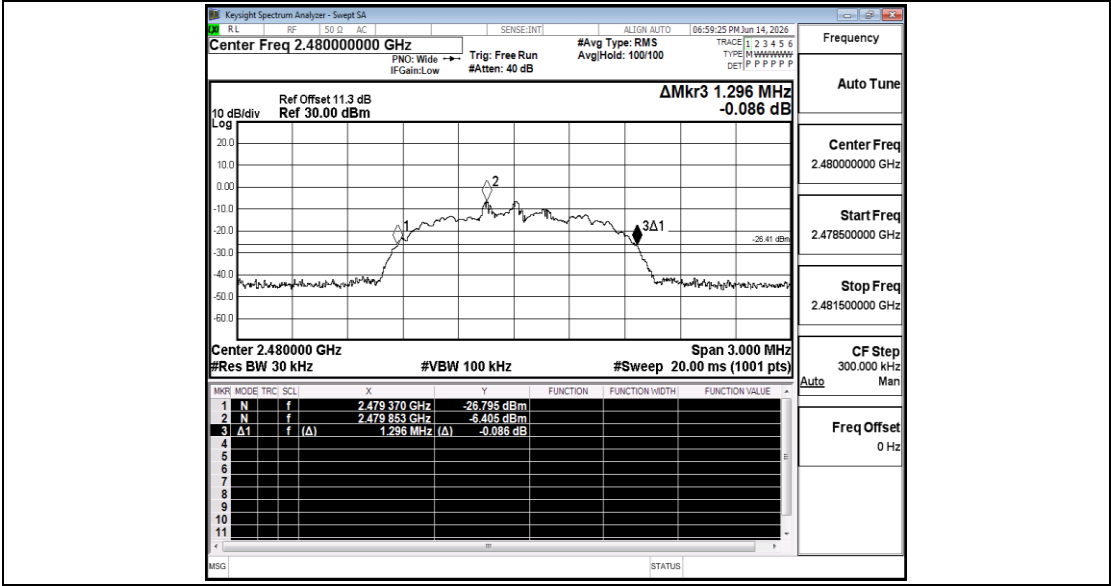
Test Graphs









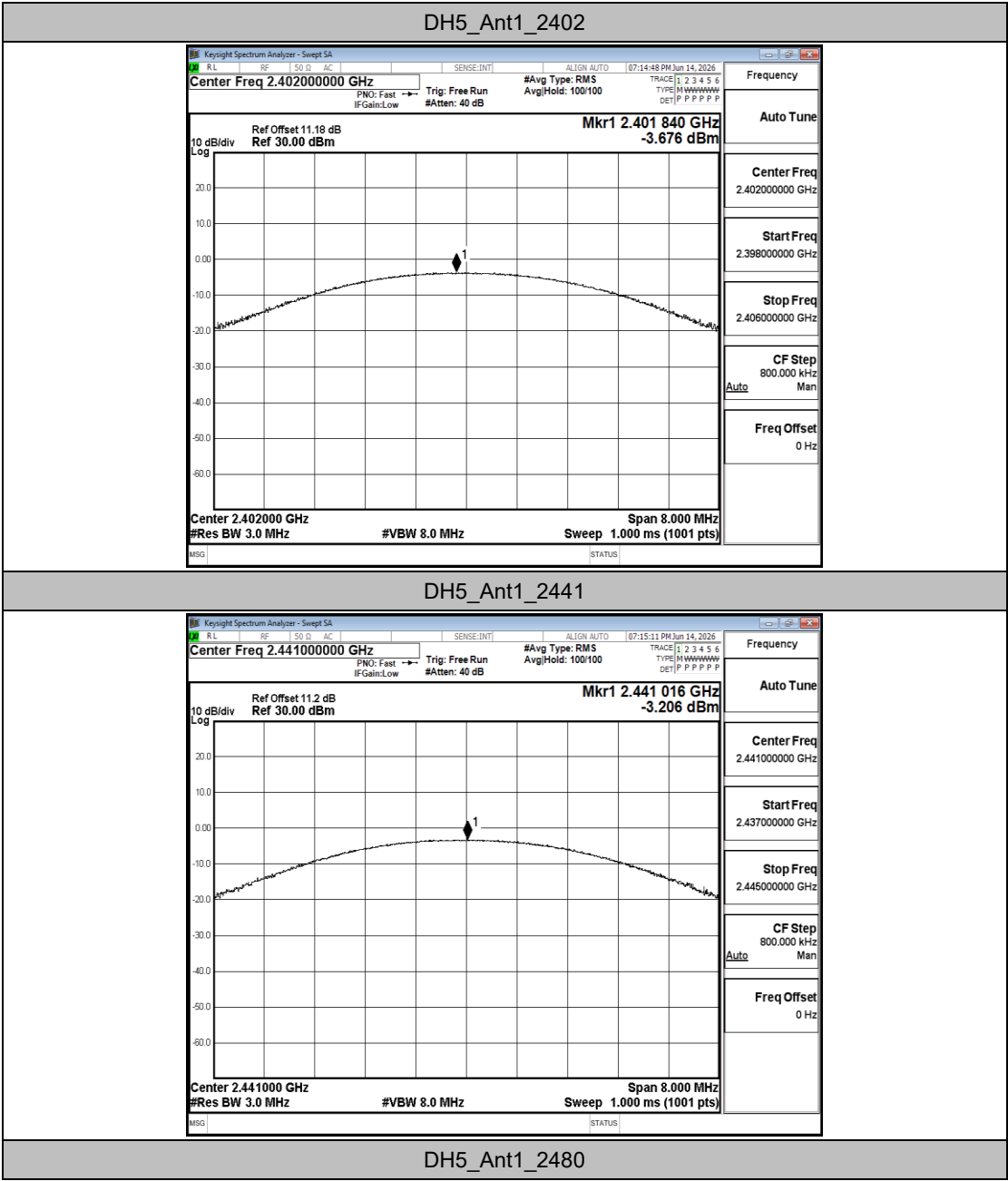


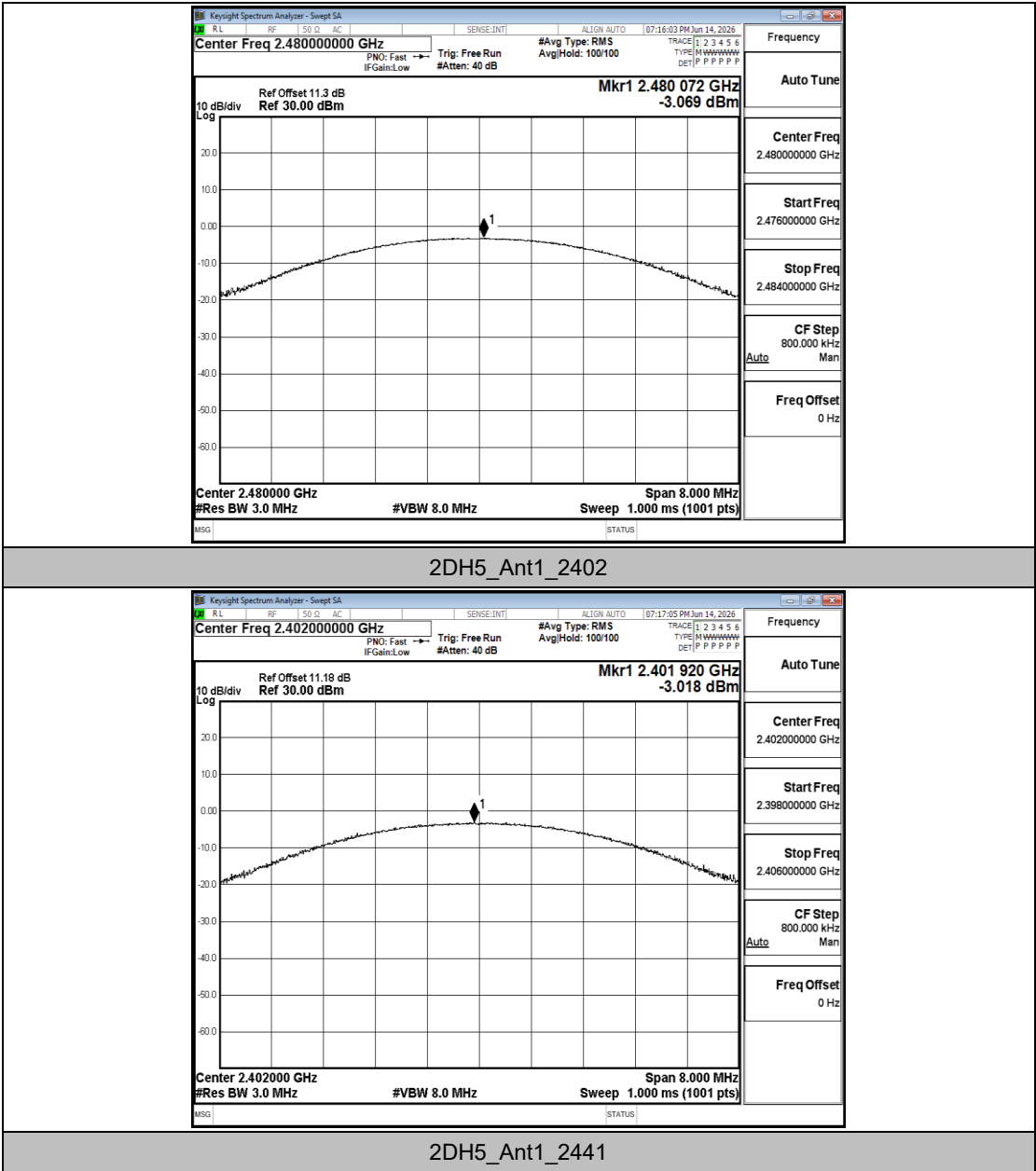
A.2 Maximum Peak conducted output power

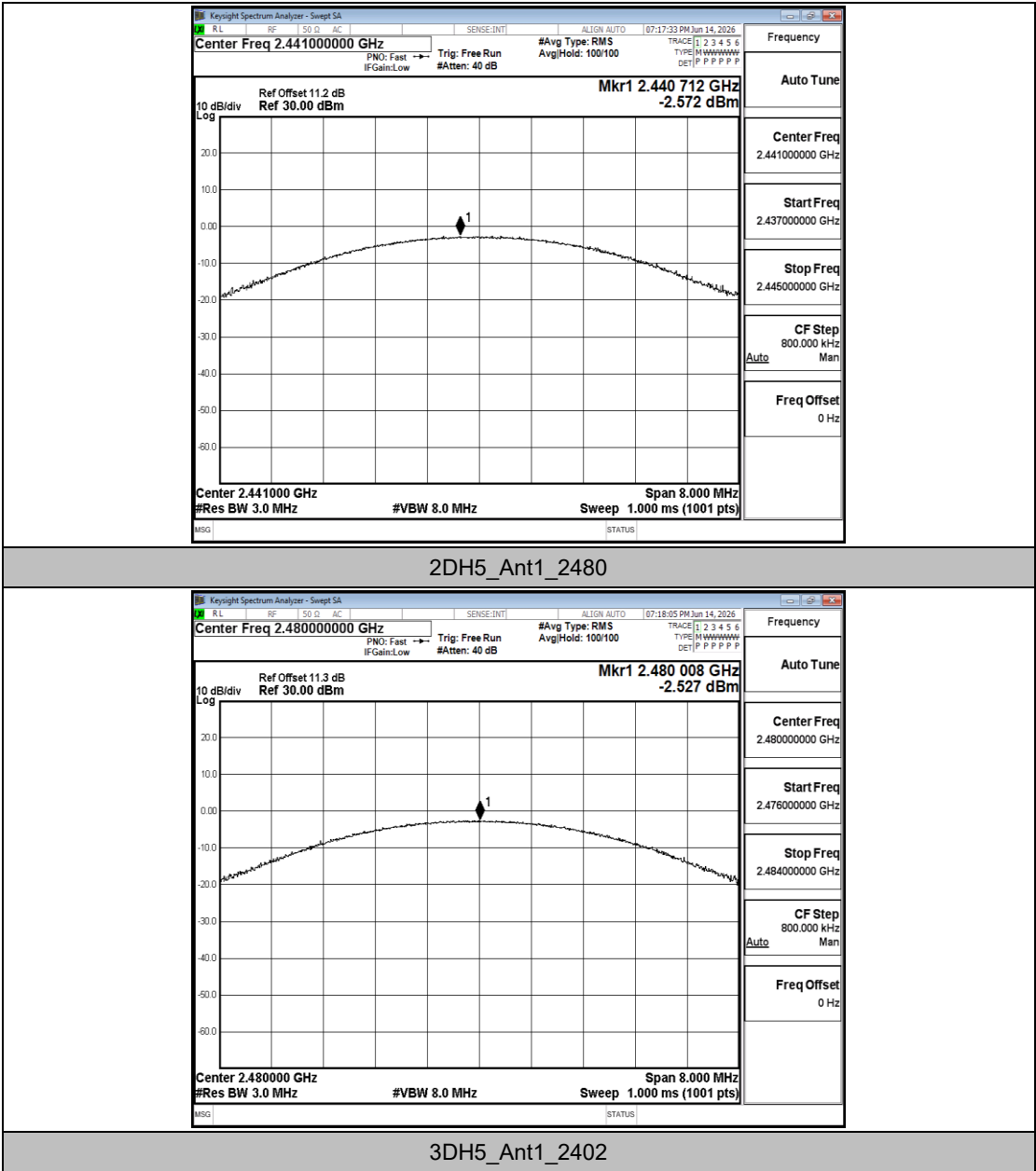
Test Result Peak

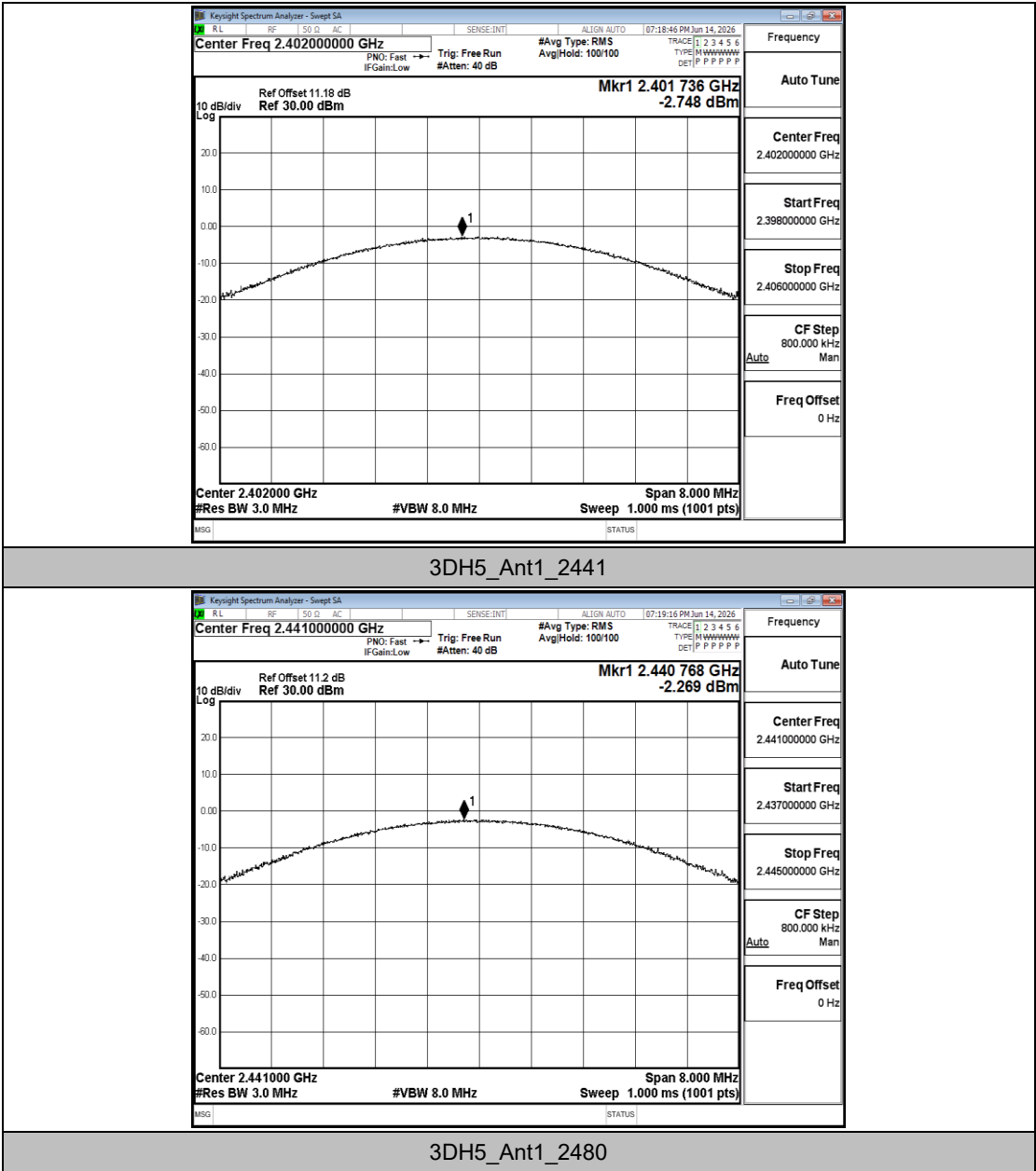
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-3.68	≤30	PASS
		2441	-3.21	≤30	PASS
		2480	-3.07	≤30	PASS
2DH5	Ant1	2402	-3.02	≤30	PASS
		2441	-2.57	≤30	PASS
		2480	-2.53	≤30	PASS
3DH5	Ant1	2402	-2.75	≤30	PASS
		2441	-2.27	≤30	PASS
		2480	-2.19	≤30	PASS

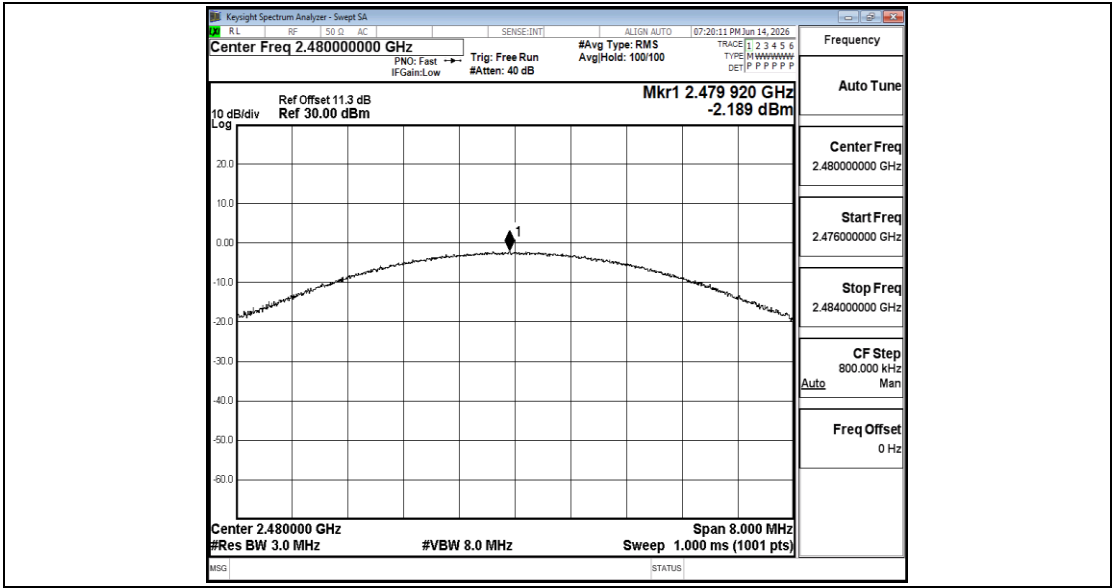
Test Graphs









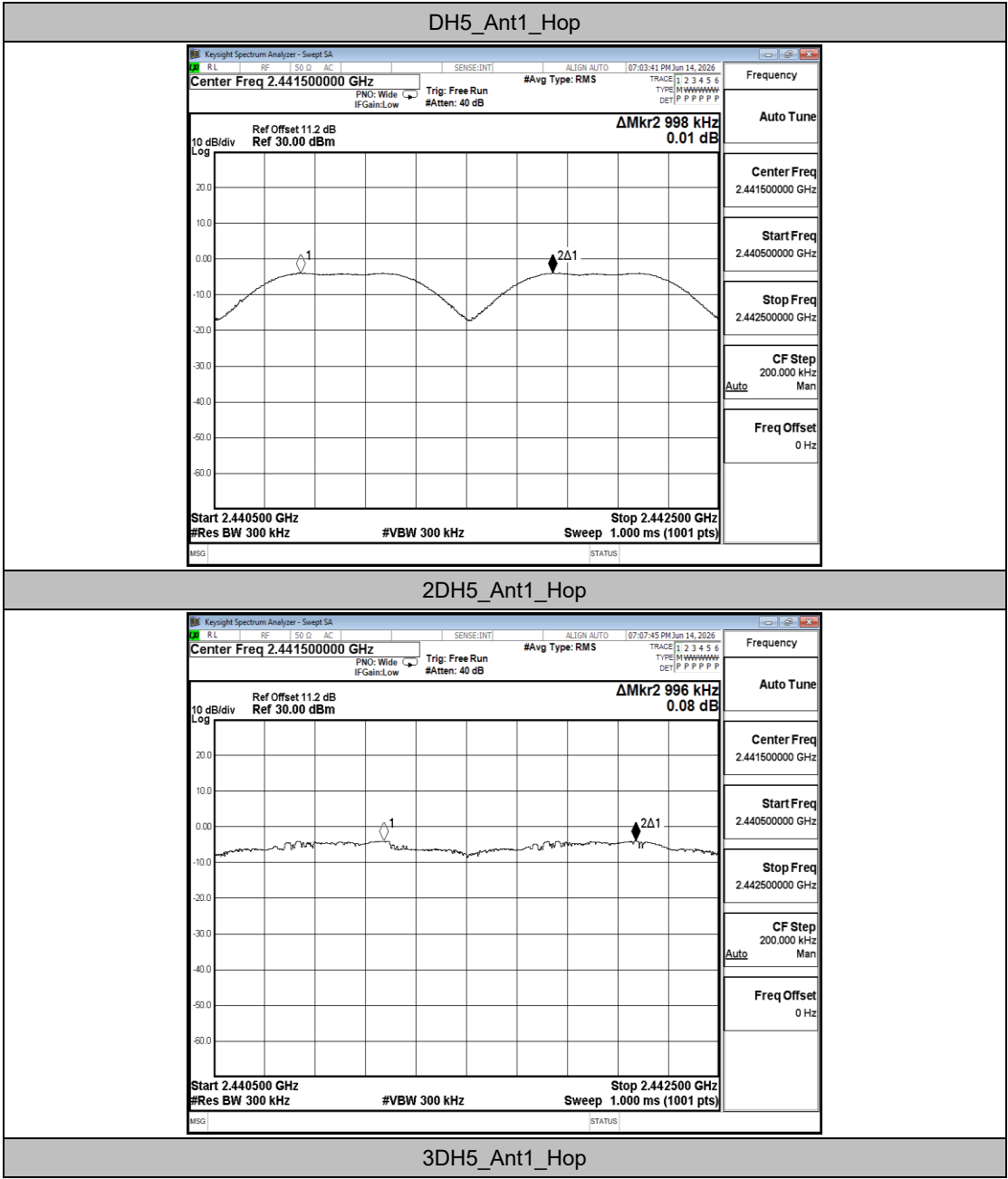


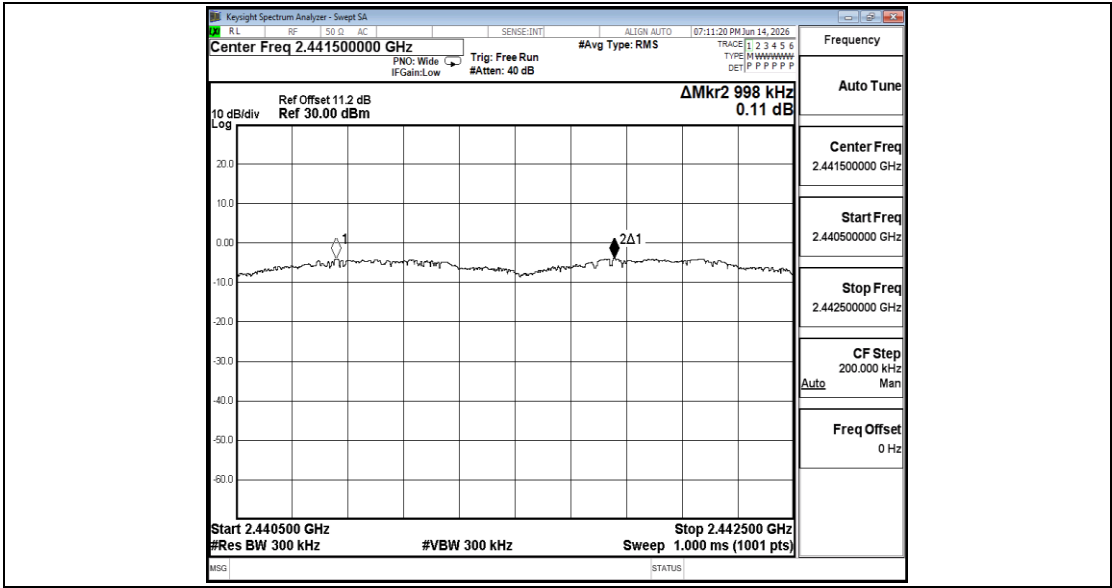
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.957	PASS
2DH5	Ant1	Hop	0.996	≥ 0.874	PASS
3DH5	Ant1	Hop	0.998	≥ 0.864	PASS

Test Graphs



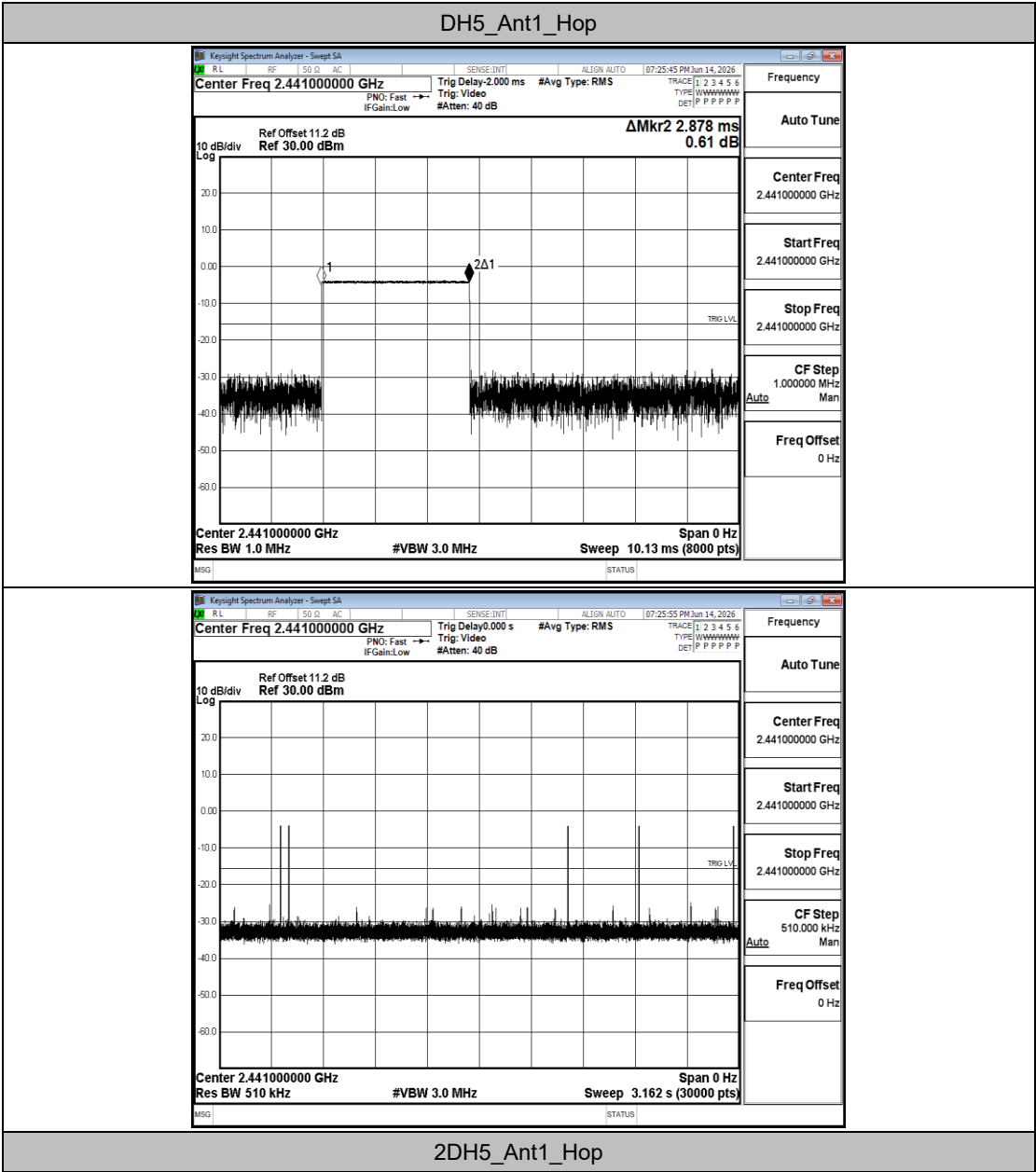


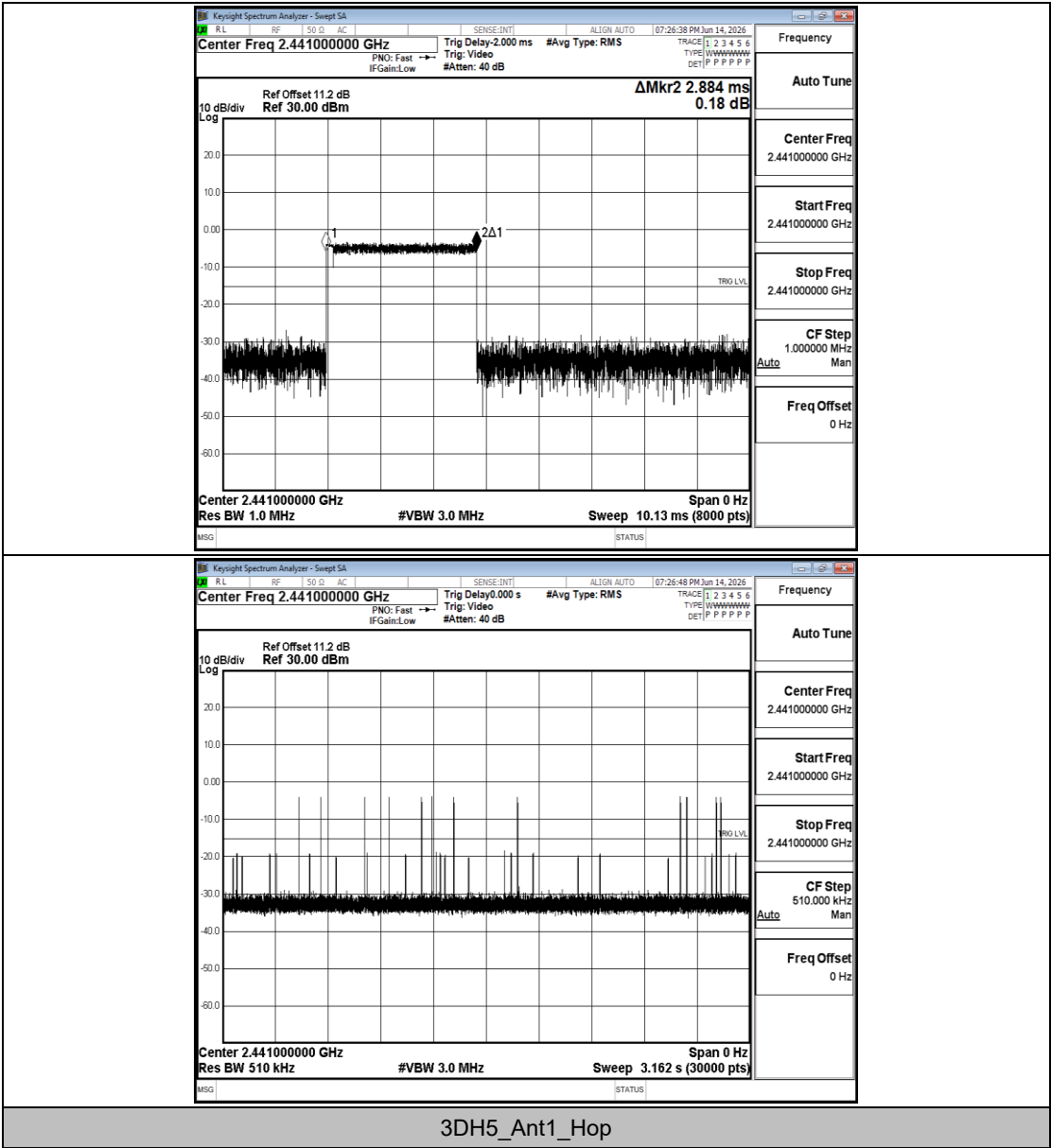
A.4 Time of occupancy

Test Result

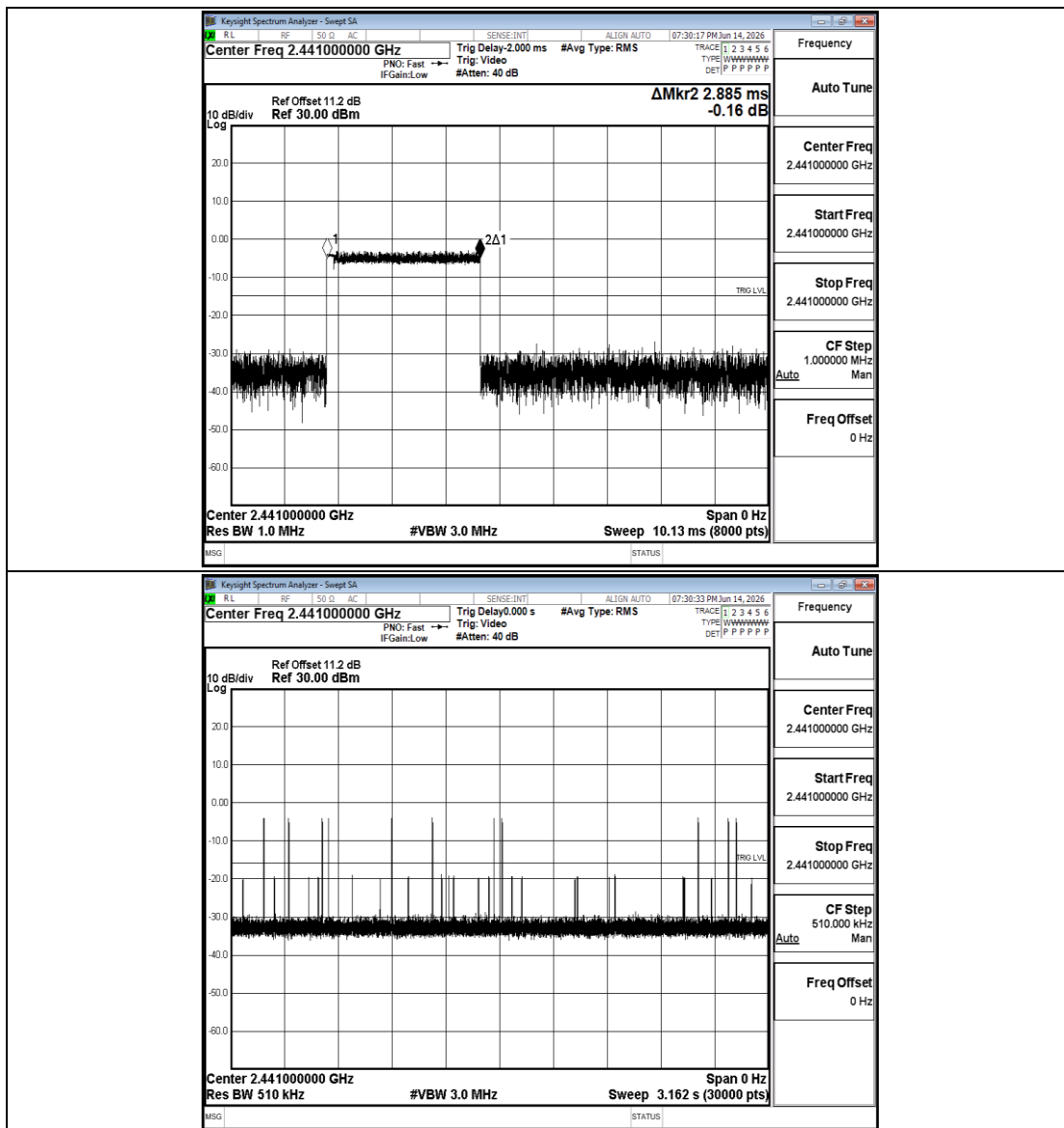
TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.878	60	0.173	≤0.4	PASS
2DH5	Ant1	Hop	2.884	130	0.375	≤0.4	PASS
3DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

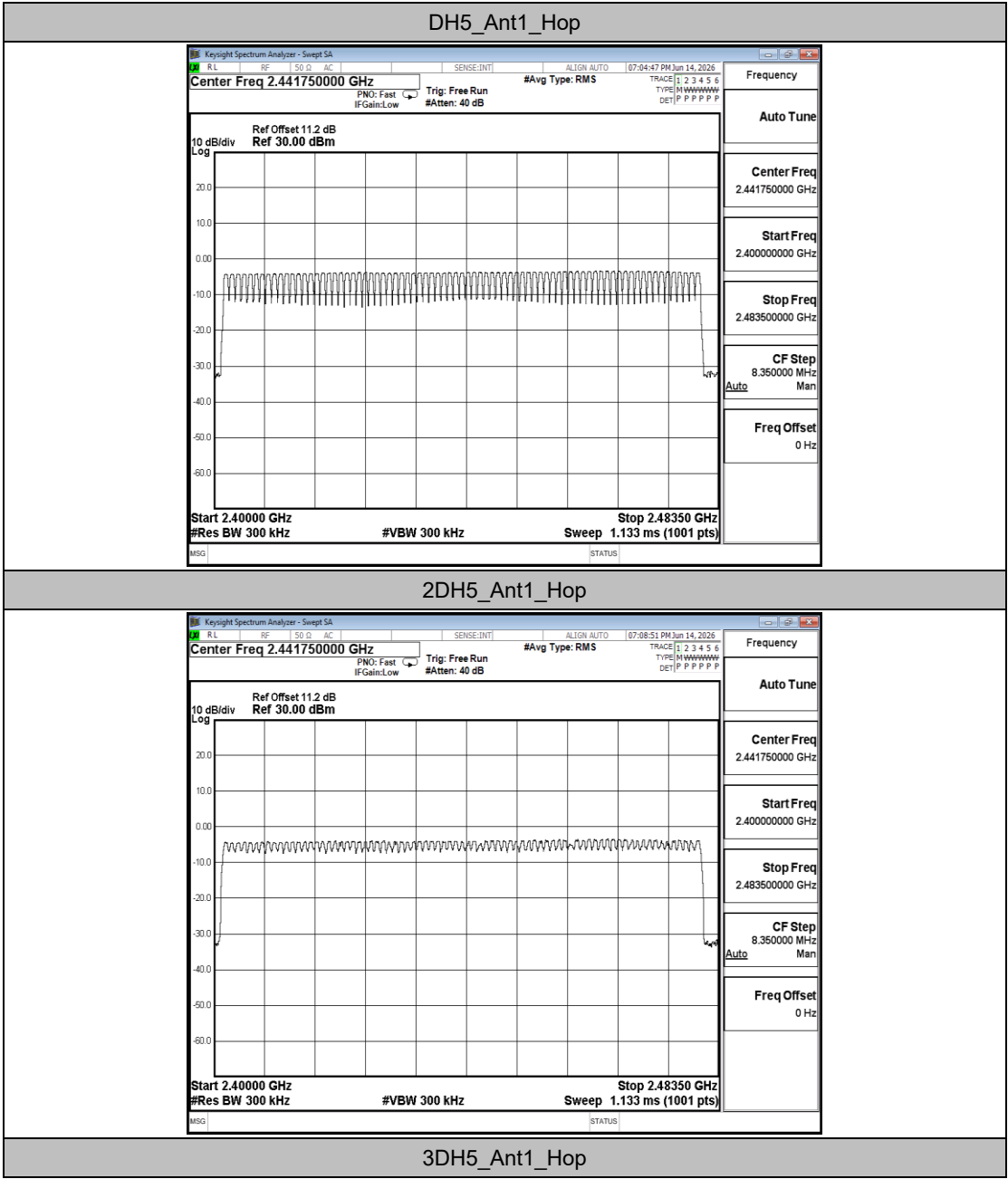


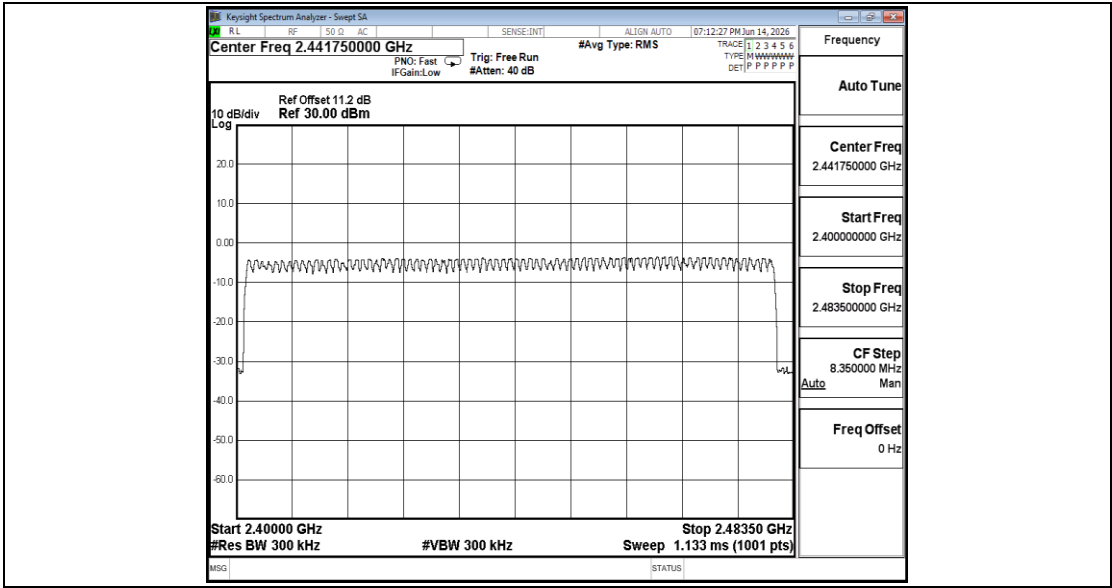
A.5 Number of hopping channels

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



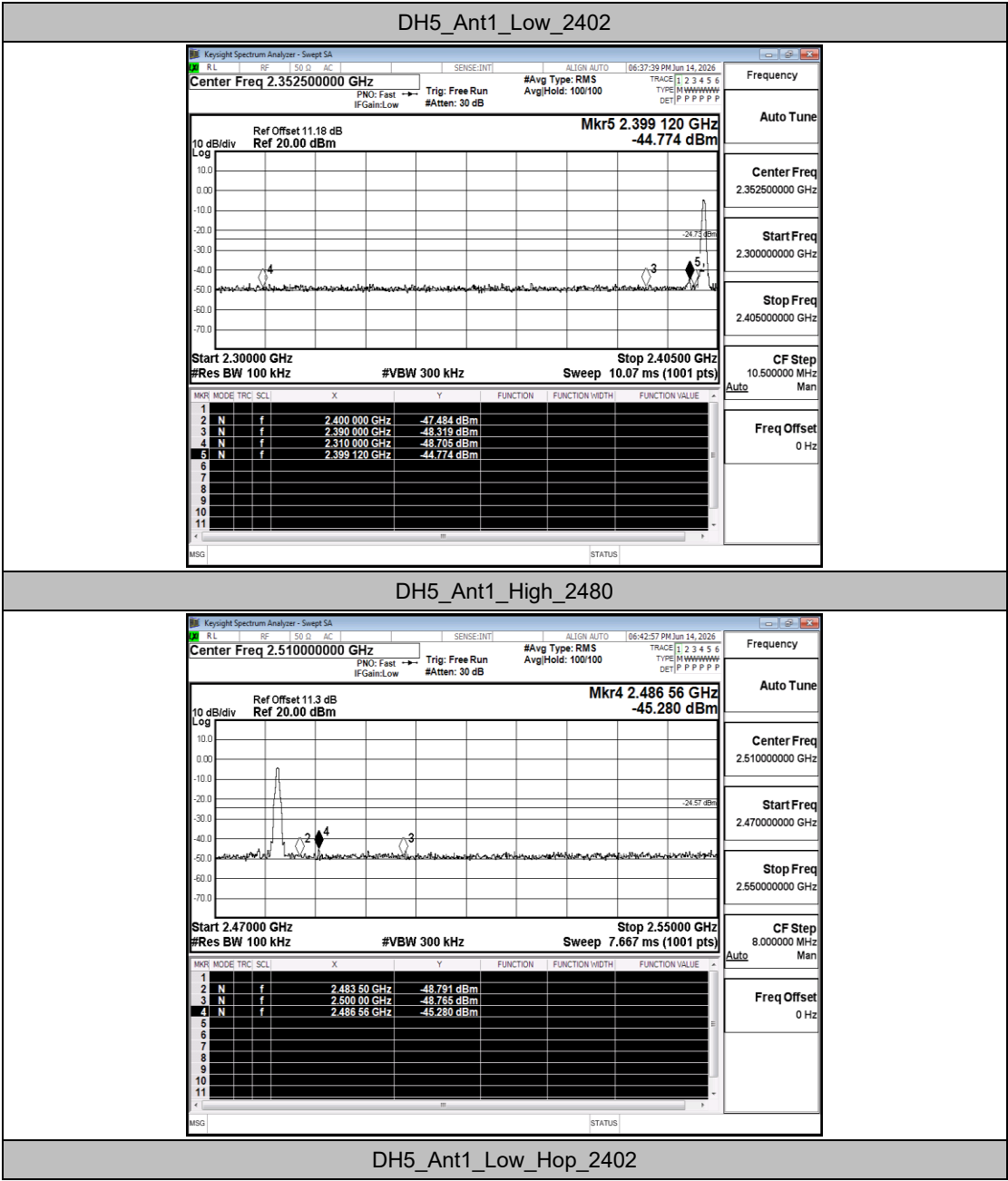


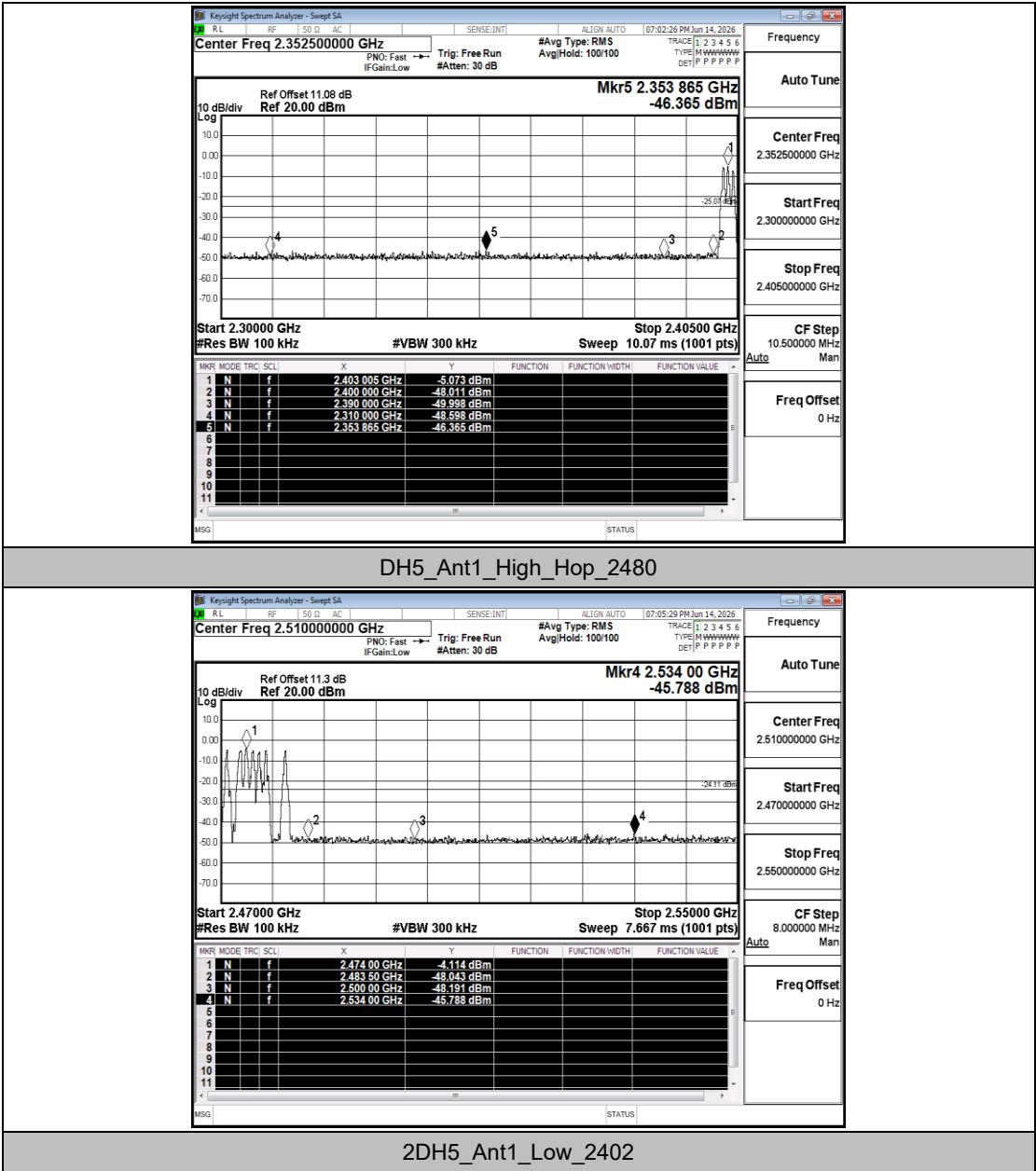
A.6 Band edge measurements

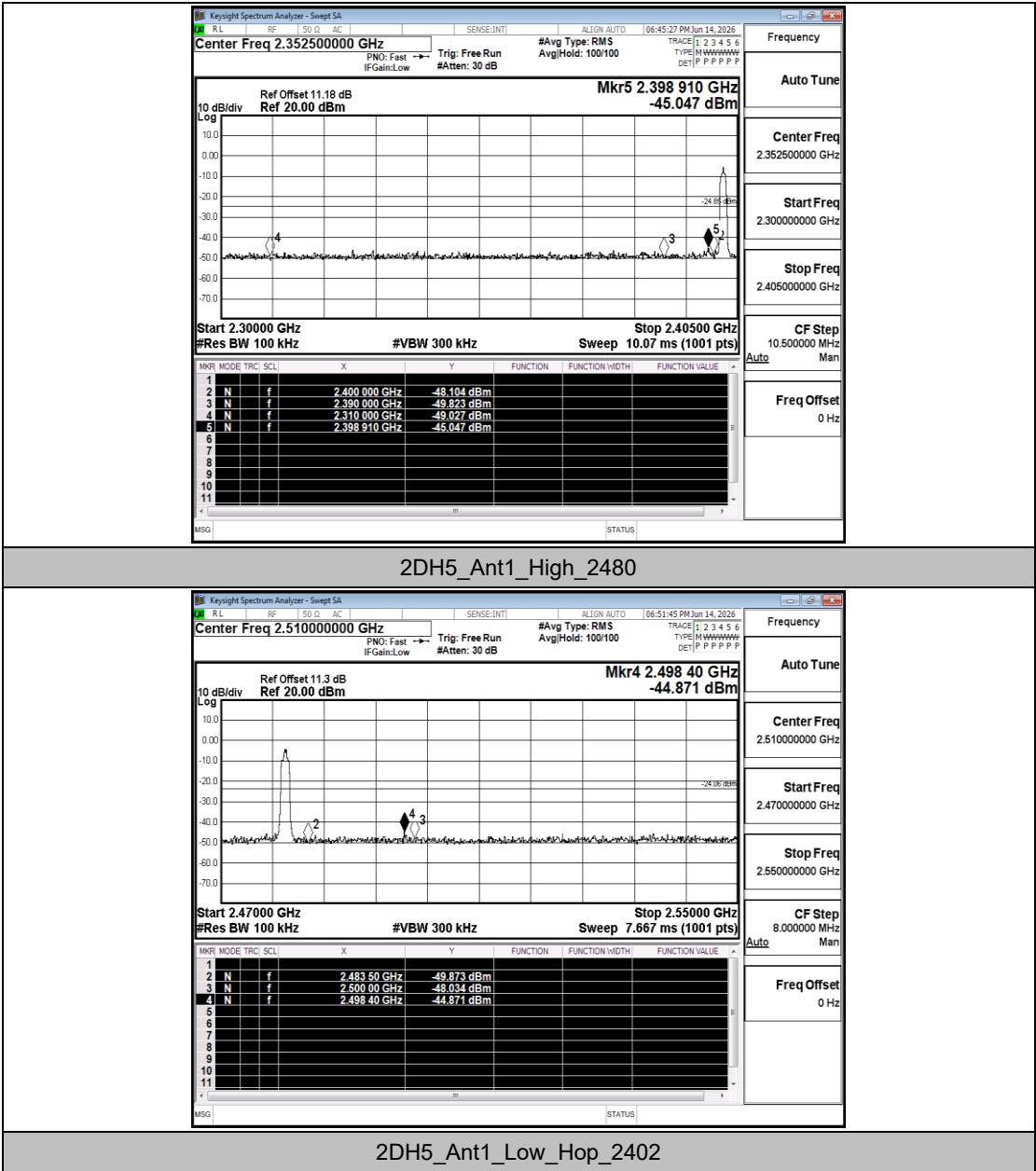
Test Result

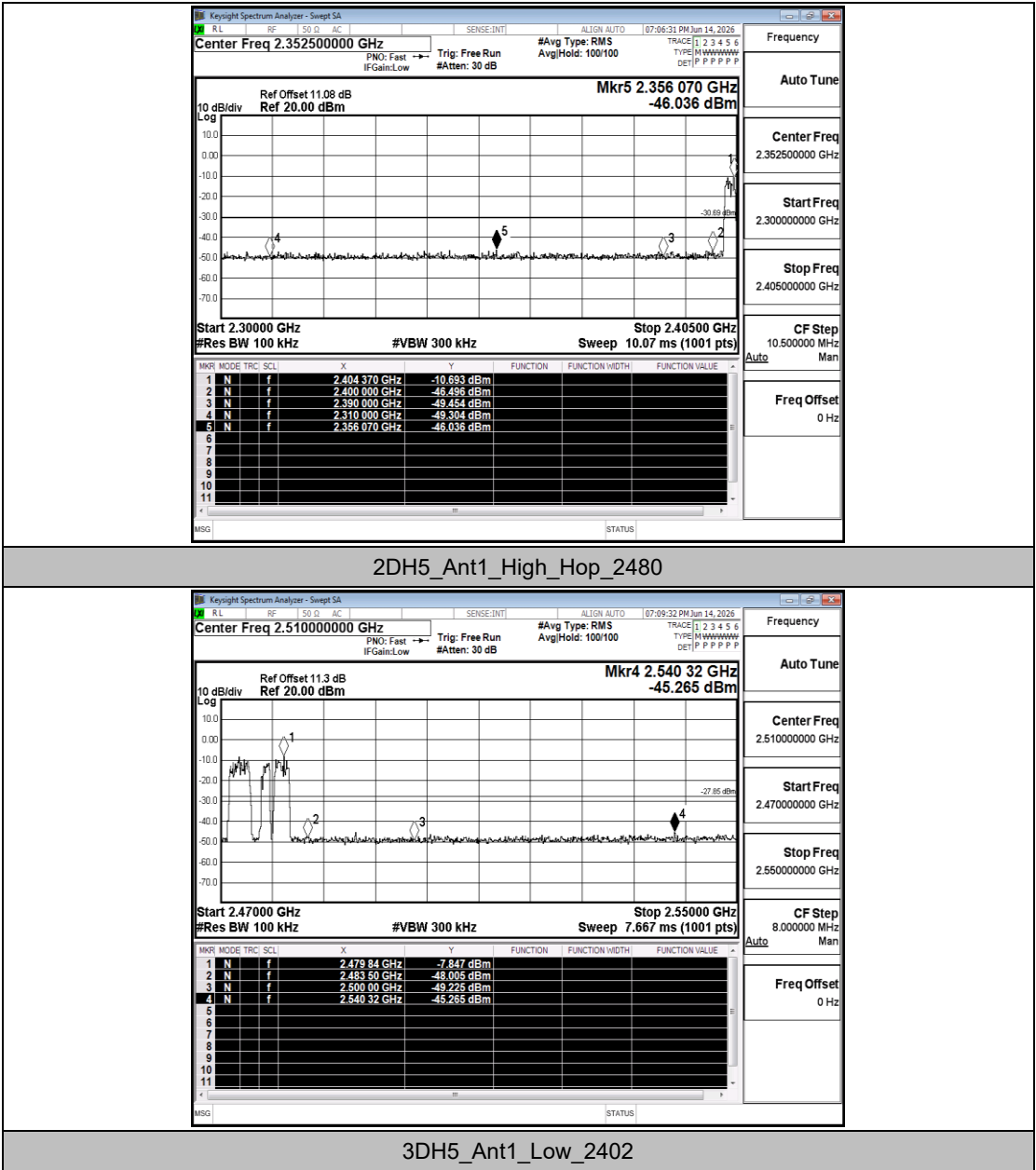
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-4.73	-44.77	≤ -24.73	PASS
		High	2480	-4.57	-45.28	≤ -24.57	PASS
		Low	Hop_2402	-5.07	-46.37	≤ -25.07	PASS
		High	Hop_2480	-4.11	-45.79	≤ -24.11	PASS
2DH5	Ant1	Low	2402	-4.85	-45.05	≤ -24.85	PASS
		High	2480	-4.06	-44.87	≤ -24.06	PASS
		Low	Hop_2402	-10.69	-46.04	≤ -30.69	PASS
		High	Hop_2480	-7.85	-45.27	≤ -27.85	PASS
3DH5	Ant1	Low	2402	-5.10	-45.83	≤ -25.1	PASS
		High	2480	-4.66	-45.21	≤ -24.66	PASS
		Low	Hop_2402	-11.34	-46.52	≤ -31.34	PASS
		High	Hop_2480	-7.48	-46.14	≤ -27.48	PASS

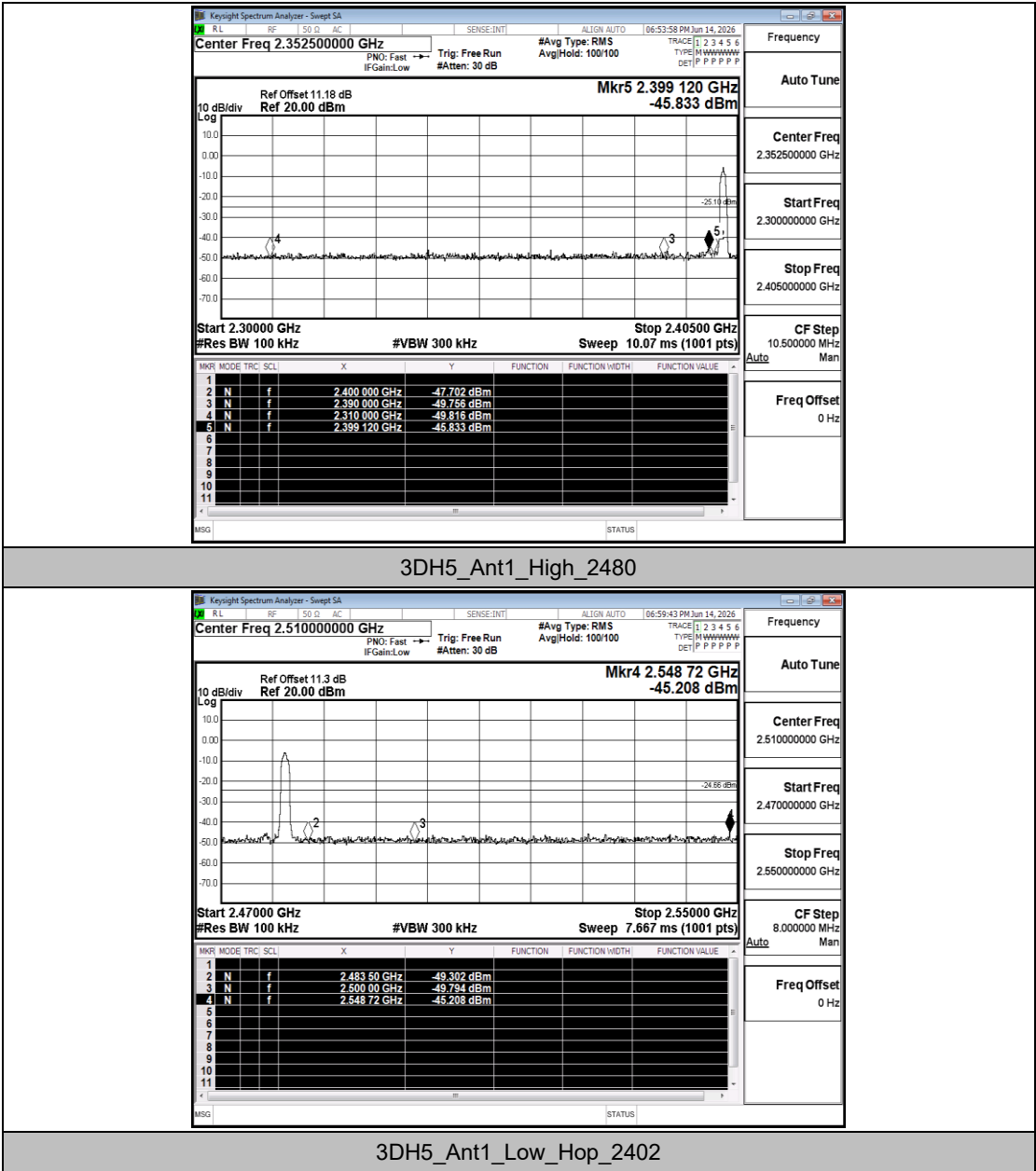
Test Graphs



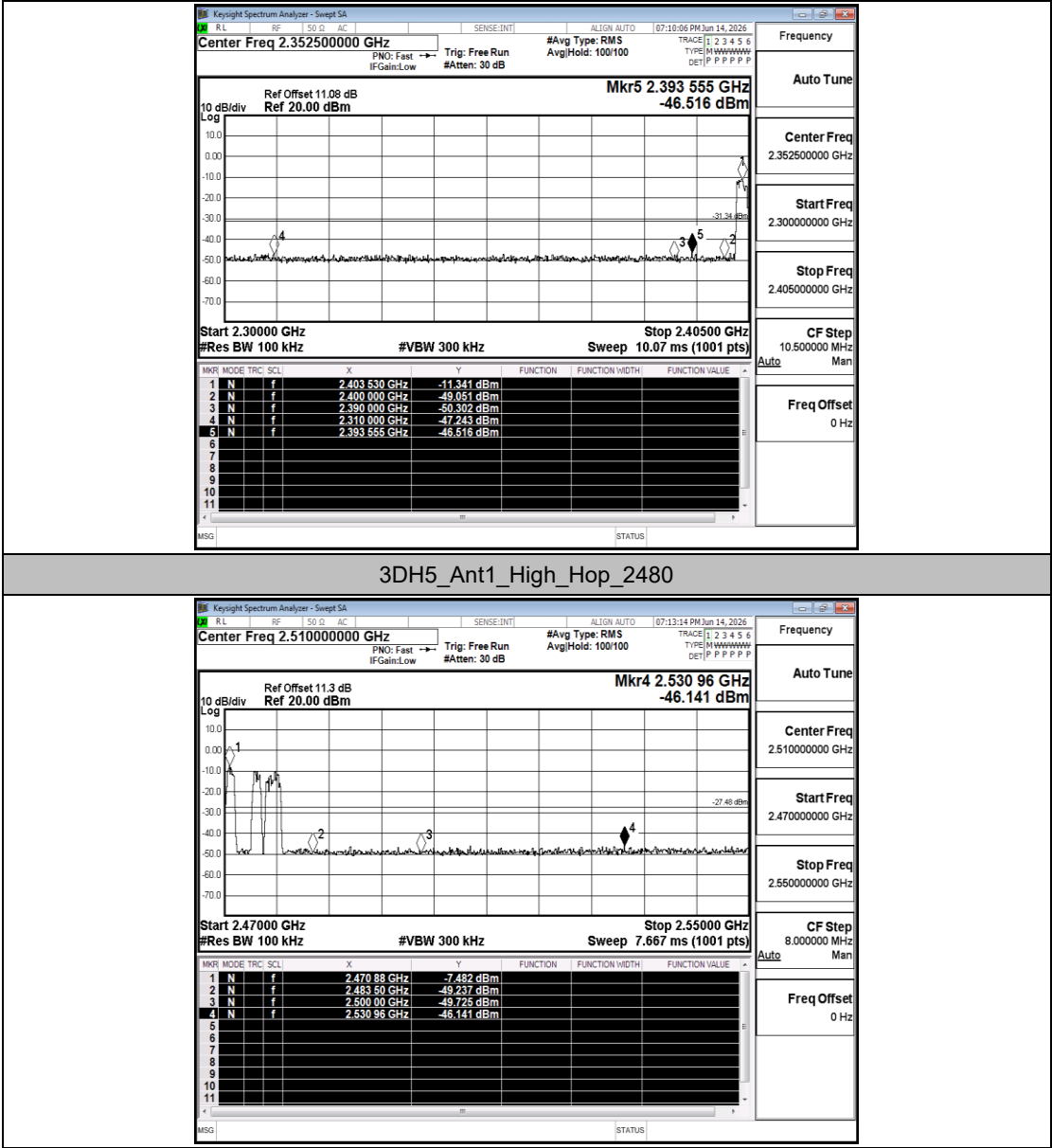








3DH5_Ant1_Low_Hop_2402



A.7 Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-4.61	-4.61	---	PASS
			30~1000	-4.61	-57.5	≤-24.61	PASS
			1000~26500	-4.61	-42.55	≤-24.61	PASS
		2441	Reference	-4.19	-4.19	---	PASS
			30~1000	-4.19	-56.4	≤-24.19	PASS
			1000~26500	-4.19	-42.18	≤-24.19	PASS
		2480	Reference	-3.98	-3.98	---	PASS
			30~1000	-3.98	-56.12	≤-23.98	PASS
			1000~26500	-3.98	-41.27	≤-23.98	PASS
2DH5	Ant1	2402	Reference	-4.60	-4.60	---	PASS
			30~1000	-4.60	-38.24	≤-24.6	PASS
			1000~26500	-4.60	-41.93	≤-24.6	PASS
		2441	Reference	-4.20	-4.20	---	PASS
			30~1000	-4.20	-58.2	≤-24.2	PASS
			1000~26500	-4.20	-42.51	≤-24.2	PASS
		2480	Reference	-4.00	-4.00	---	PASS
			30~1000	-4.00	-55.55	≤-24	PASS
			1000~26500	-4.00	-42.76	≤-24	PASS
3DH5	Ant1	2402	Reference	-4.59	-4.59	---	PASS
			30~1000	-4.59	-56.13	≤-24.59	PASS
			1000~26500	-4.59	-42.4	≤-24.59	PASS
		2441	Reference	-4.18	-4.18	---	PASS
			30~1000	-4.18	-53.81	≤-24.18	PASS
			1000~26500	-4.18	-42.62	≤-24.18	PASS
		2480	Reference	-3.98	-3.98	---	PASS
			30~1000	-3.98	-38.07	≤-23.98	PASS
			1000~26500	-3.98	-42.78	≤-23.98	PASS

Test Graphs

