

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Test Model: K11 Pro

Environmental Conditions

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

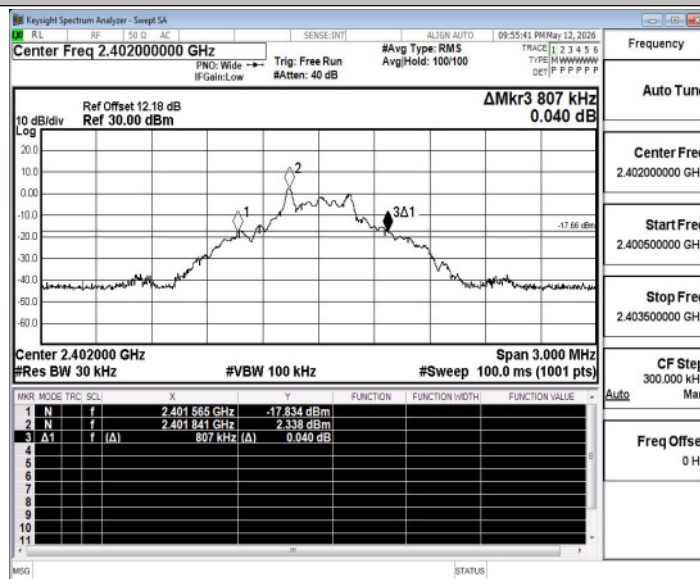
A.1 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.807	2401.565	2402.372	---	---
		2441	0.801	2440.571	2441.372	---	---
		2480	0.801	2479.577	2480.378	---	---
2DH5	Ant1	2402	1.104	2401.442	2402.546	---	---
		2441	1.107	2440.439	2441.546	---	---
		2480	1.101	2479.442	2480.543	---	---
3DH5	Ant1	2402	1.161	2401.421	2402.582	---	---
		2441	1.158	2440.421	2441.579	---	---
		2480	1.158	2479.424	2480.582	---	---

Test Graphs

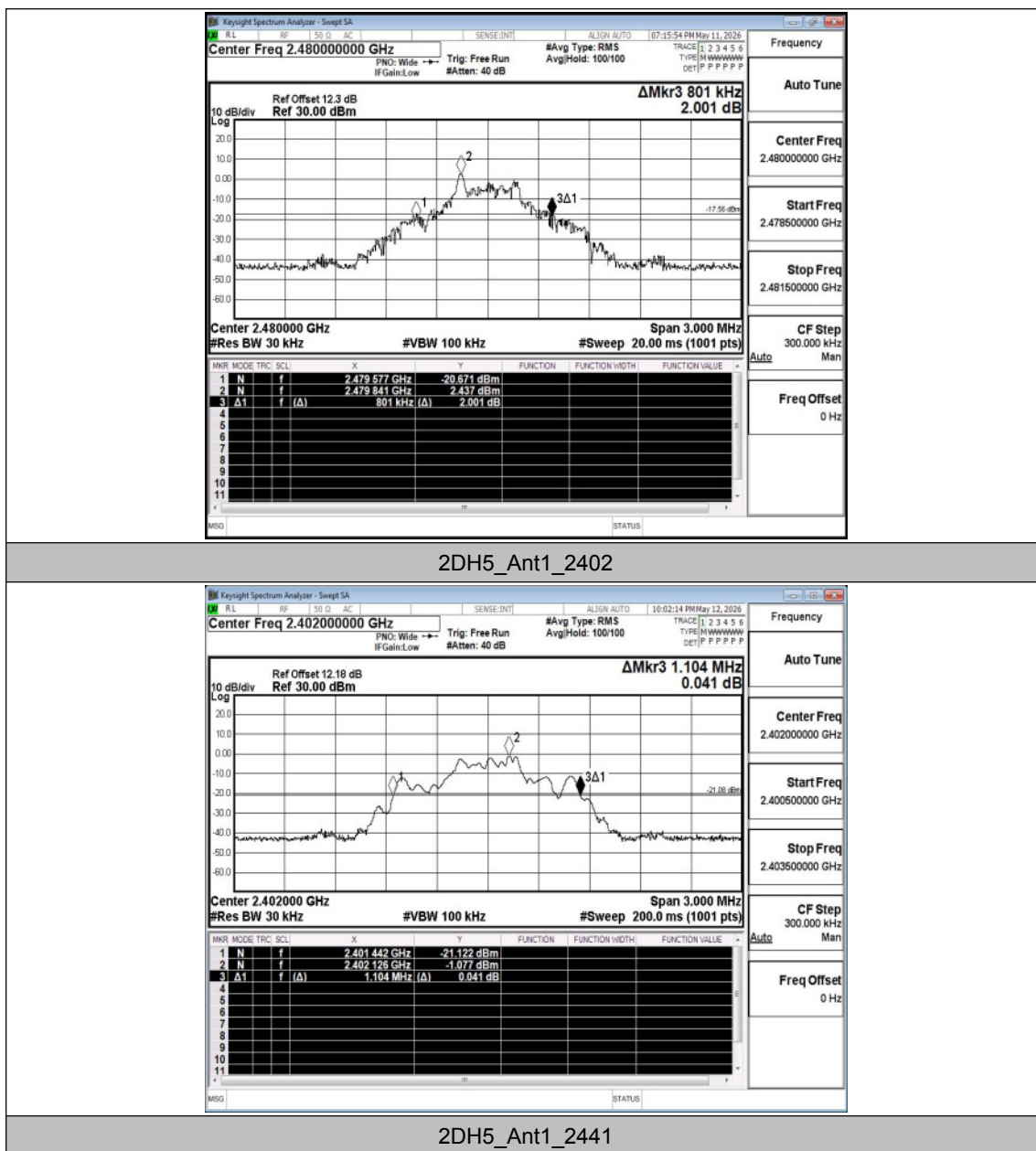
DH5_Ant1_2402

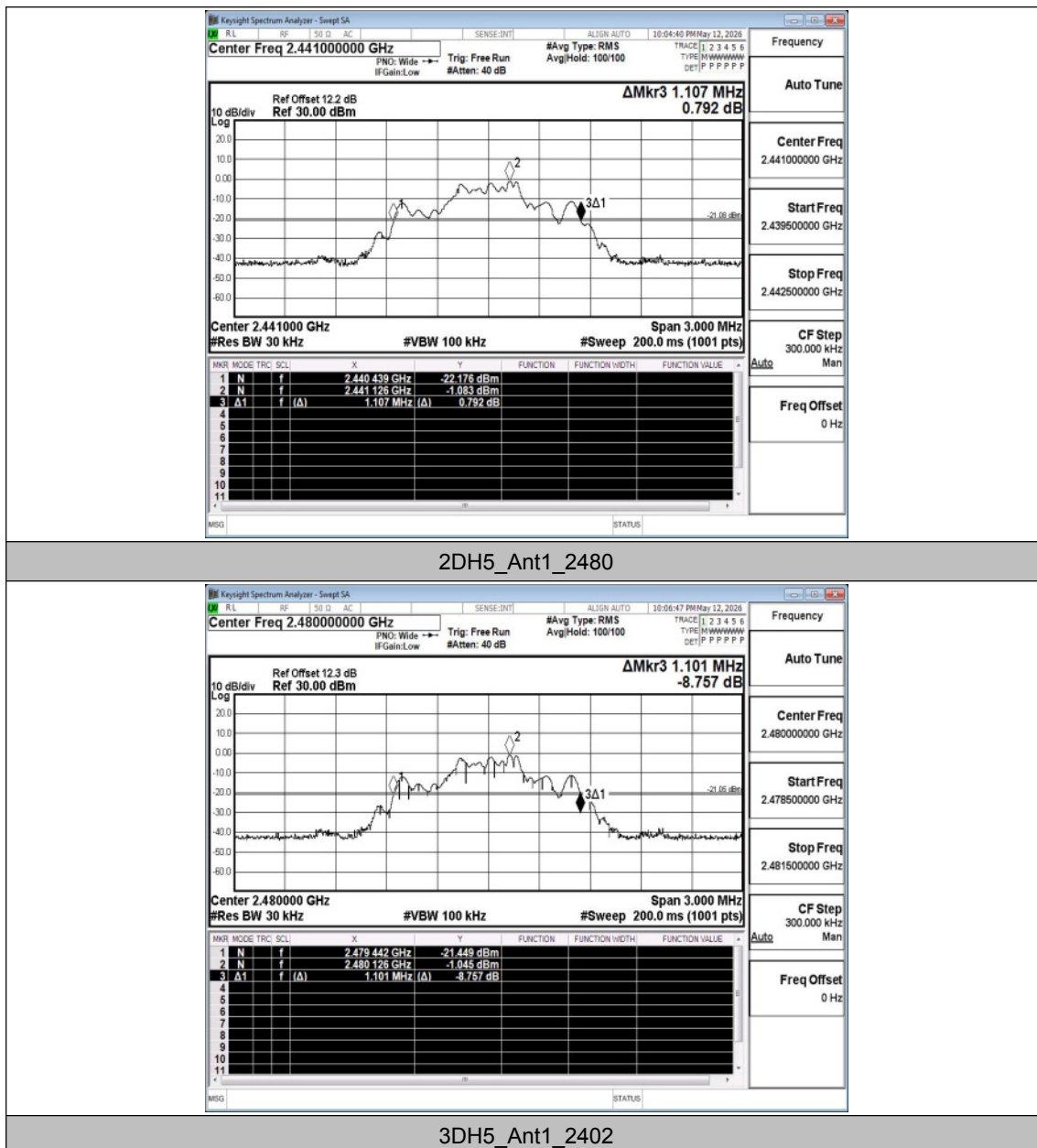


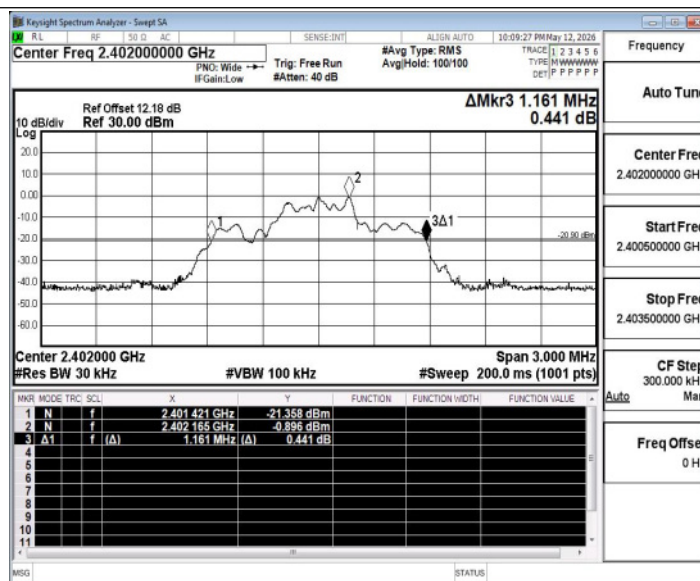
DH5_Ant1_2441



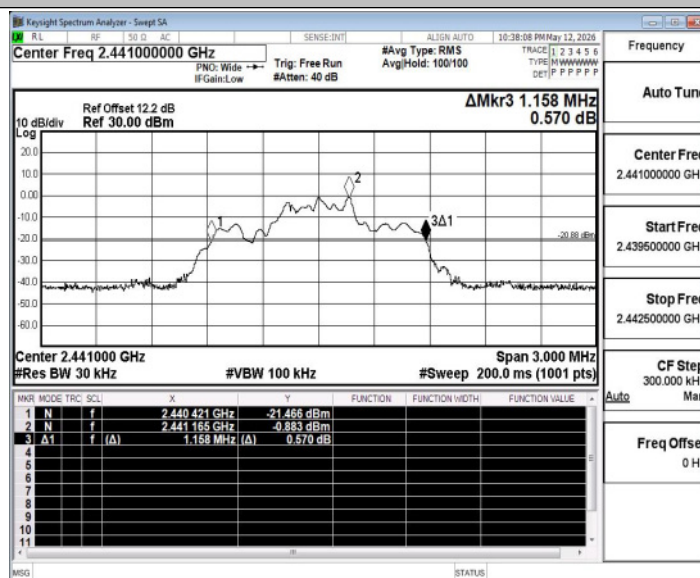
DH5_Ant1_2480



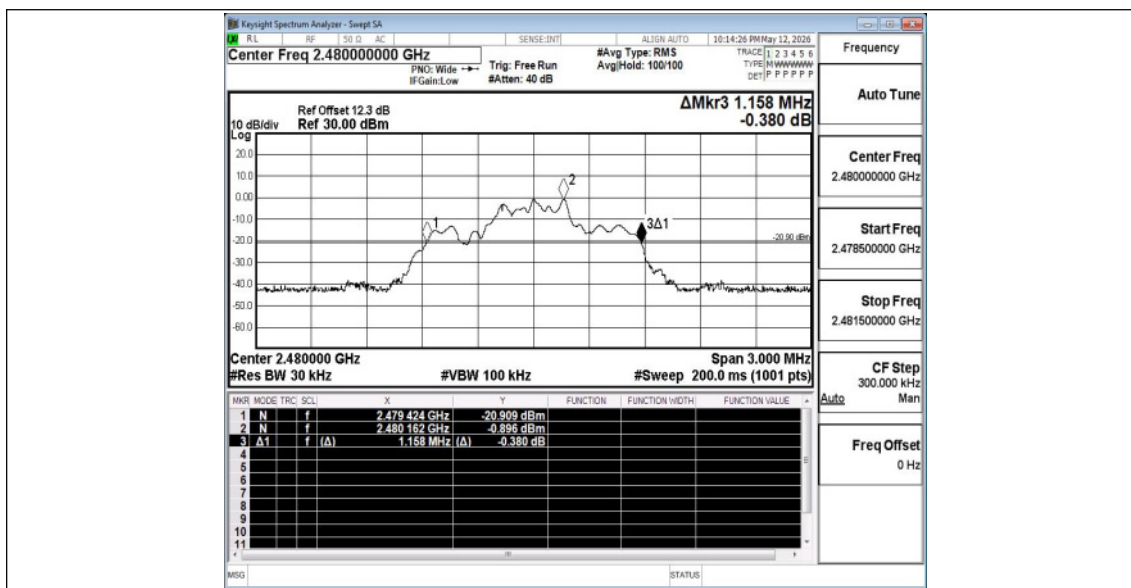




3DH5_Ant1_2441



3DH5_Ant1_2480

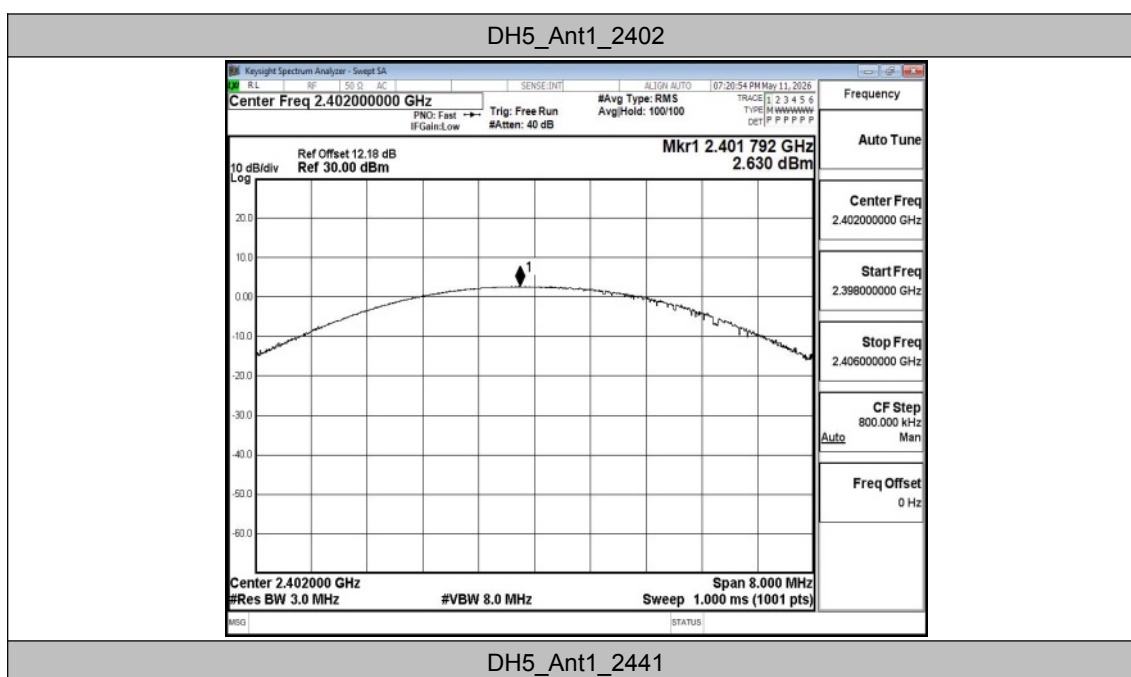


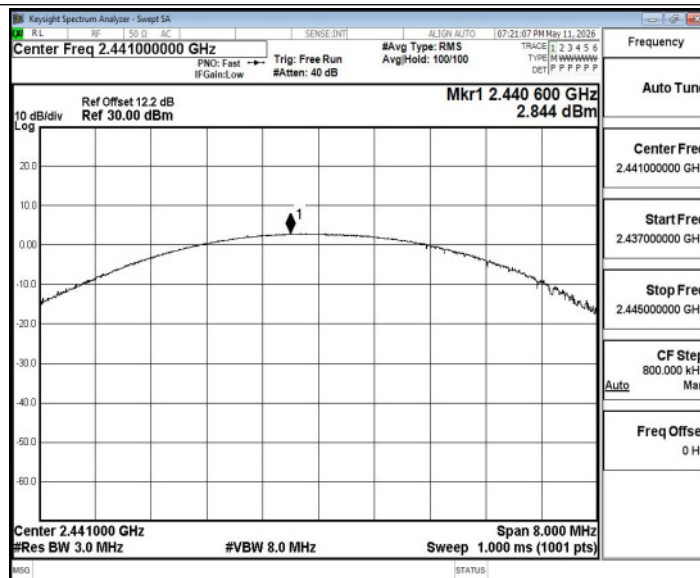
A.2 Maximum Peak conducted output power

Test Result Peak

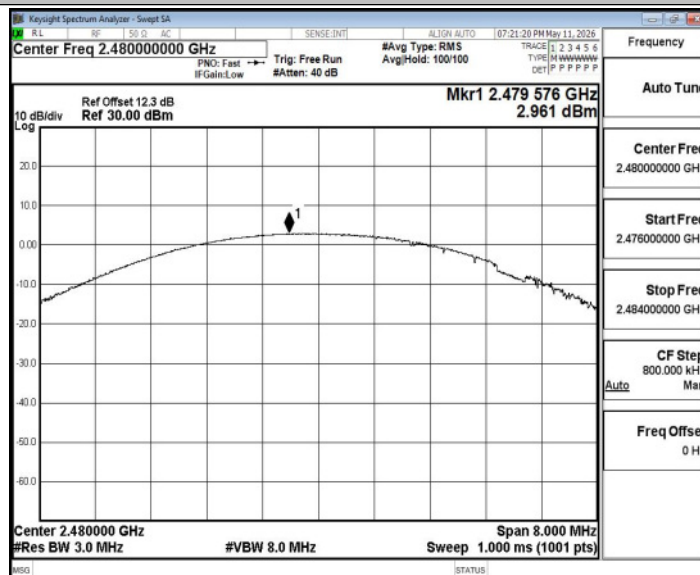
Test Mode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.63	≤30	PASS
		2441	2.84	≤30	PASS
		2480	2.96	≤30	PASS
2DH5	Ant1	2402	2.01	≤20.97	PASS
		2441	1.99	≤20.97	PASS
		2480	2.06	≤20.97	PASS
3DH5	Ant1	2402	2.01	≤20.97	PASS
		2441	1.77	≤20.97	PASS
		2480	2.22	≤20.97	PASS

Test Graphs

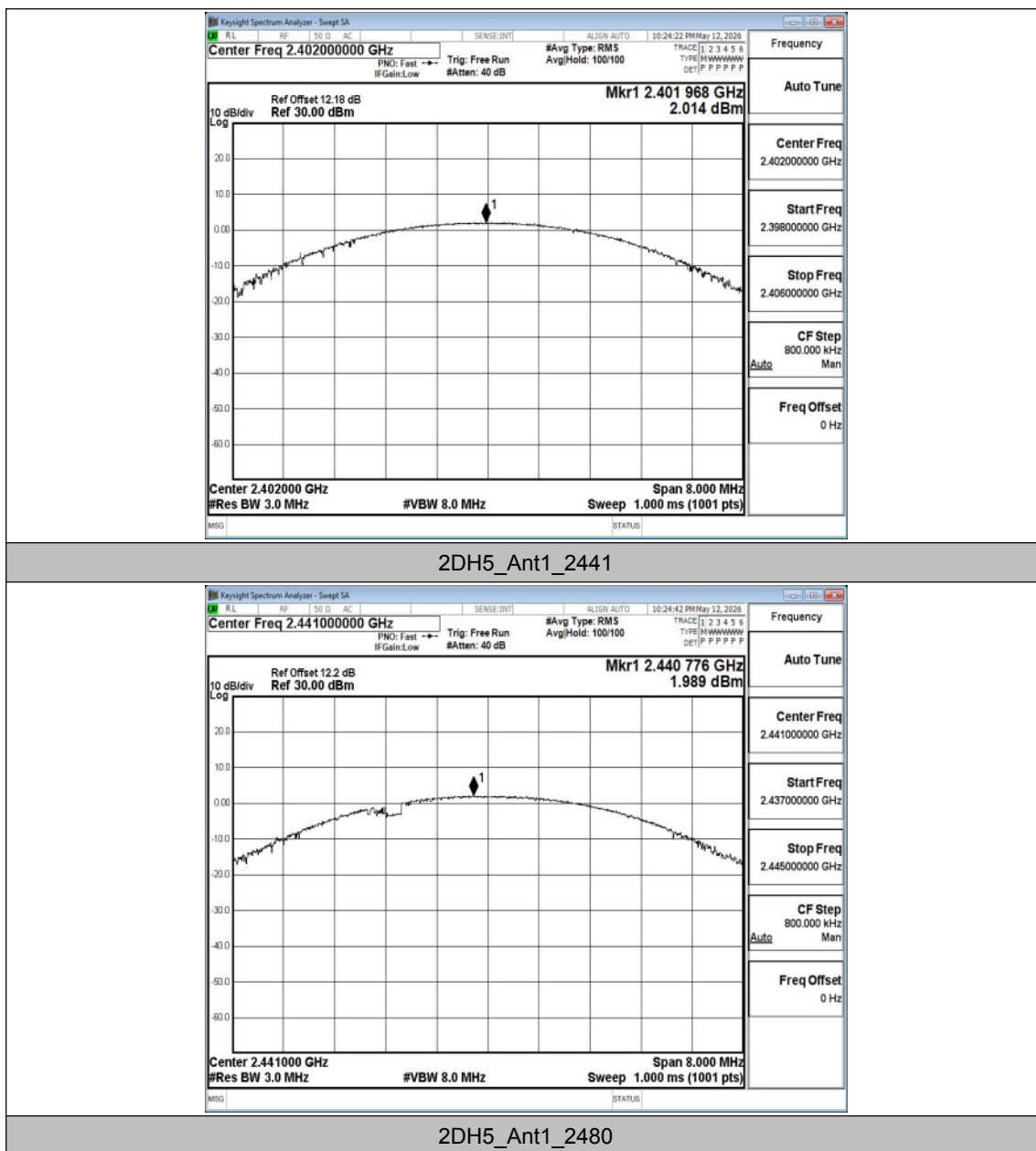


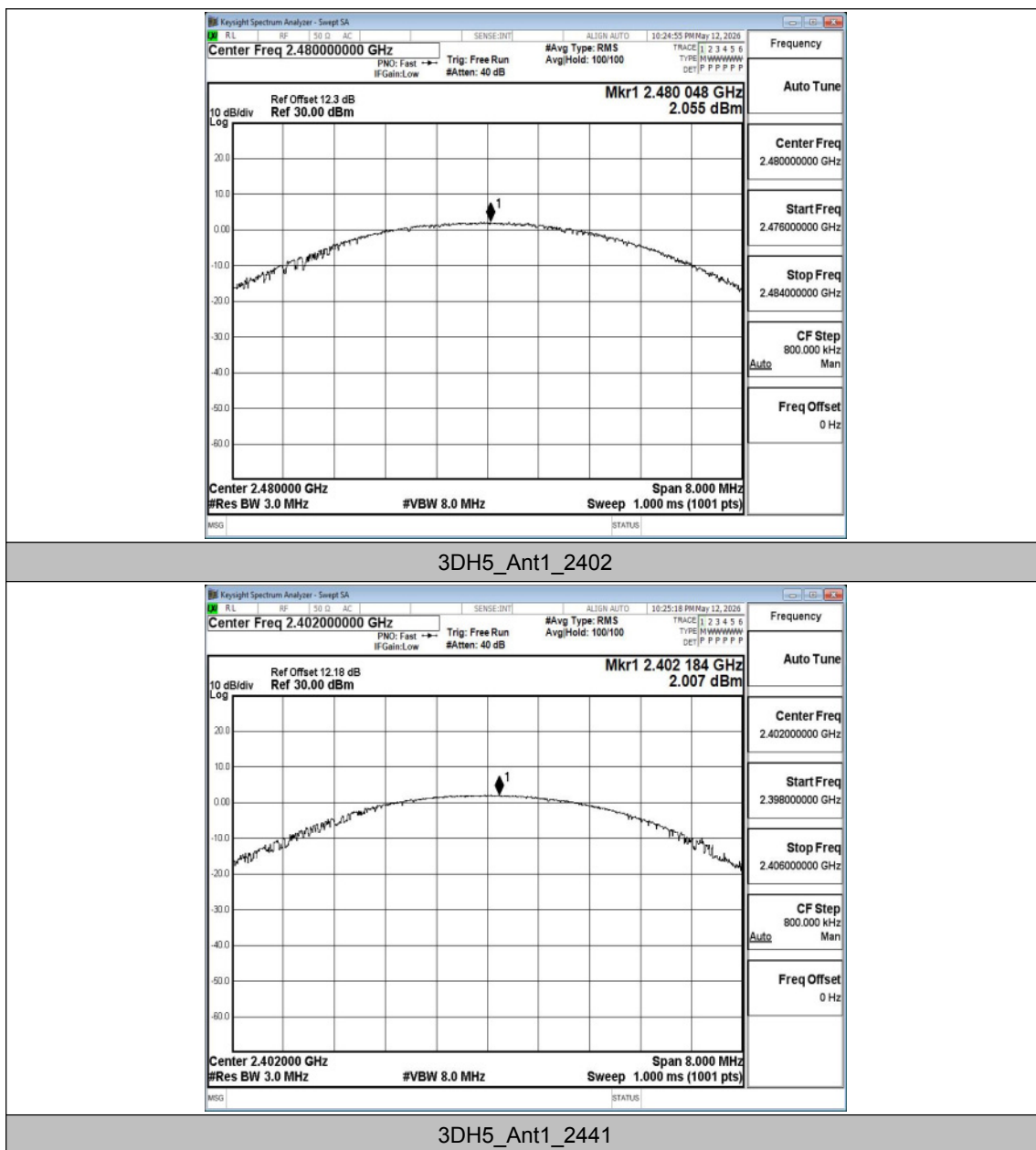


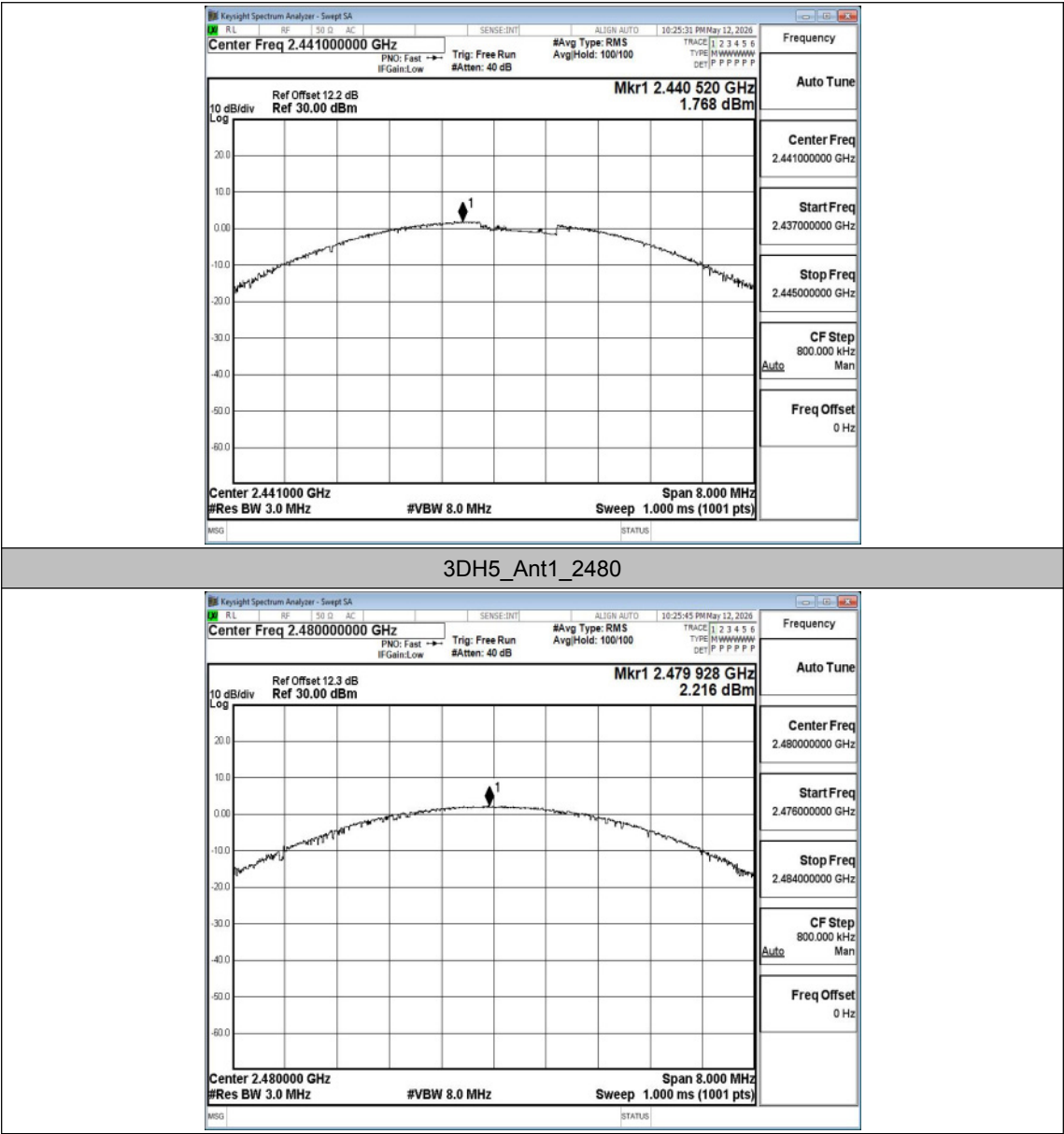
DH5_Ant1_2480



2DH5_Ant1_2402







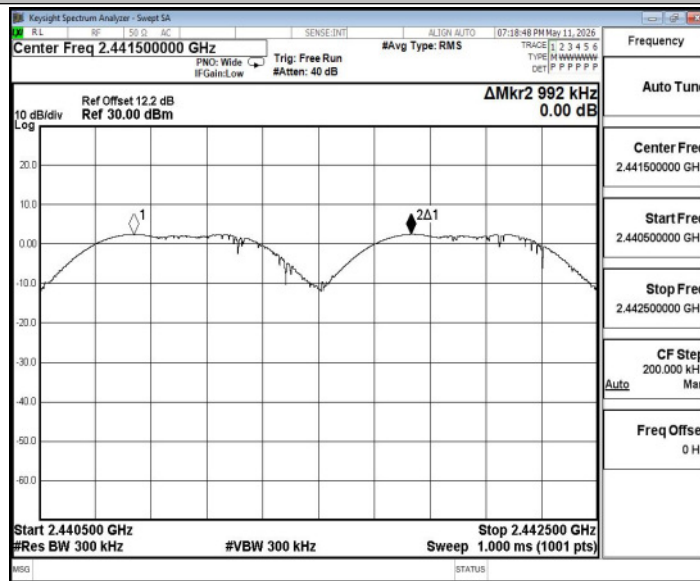
A.3 Carrier frequency separation

Test Result

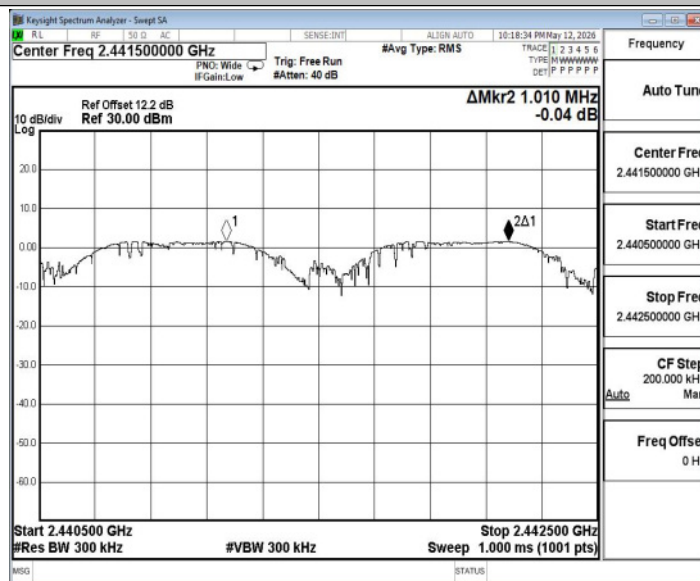
TestMode	Antenna	Freq(MHz)	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.992	≥ 0.538	PASS
2DH5	Ant1	Hop	1.01	≥ 0.738	PASS
3DH5	Ant1	Hop	0.992	≥ 0.774	PASS

Test Graphs

DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop

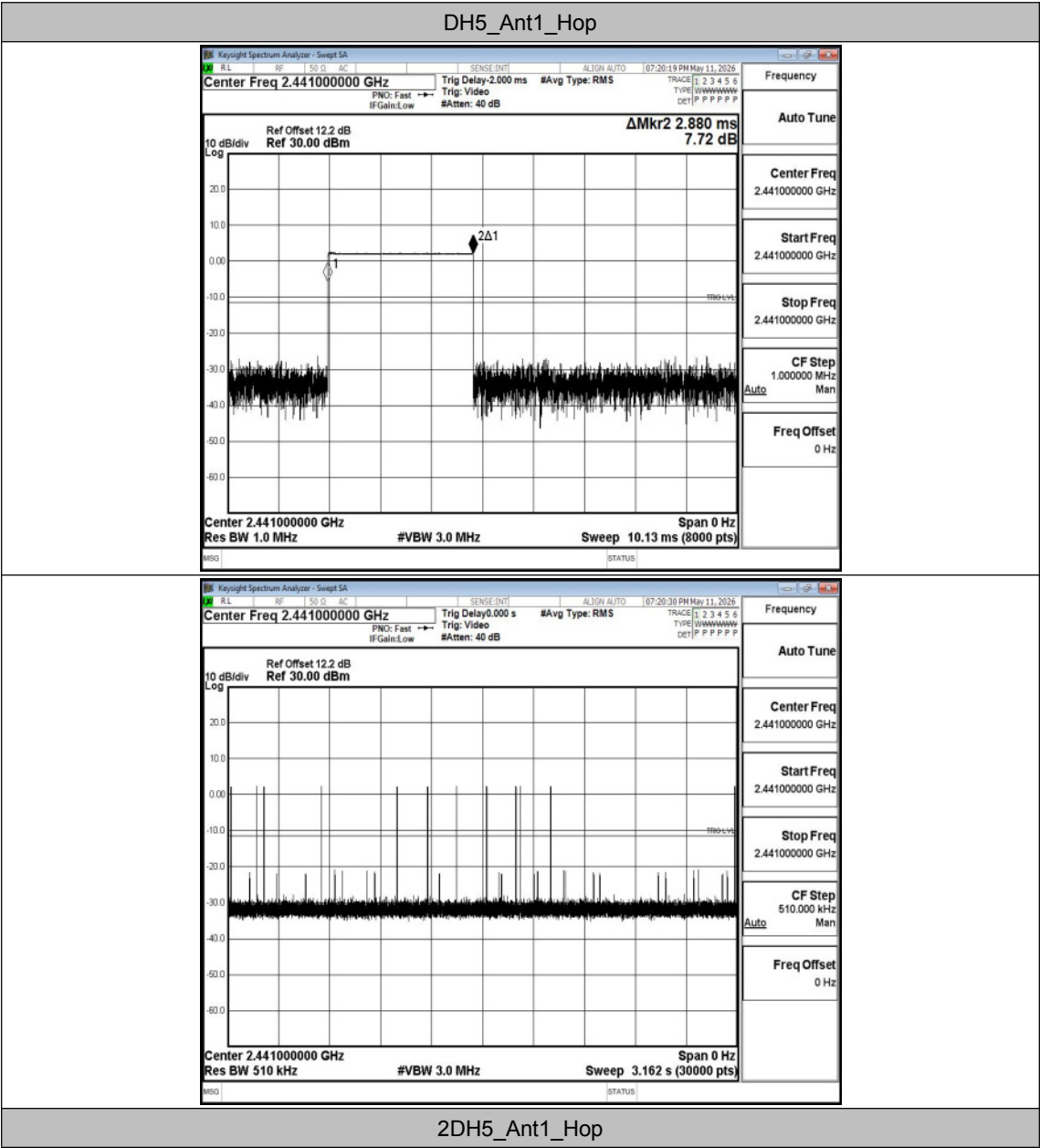


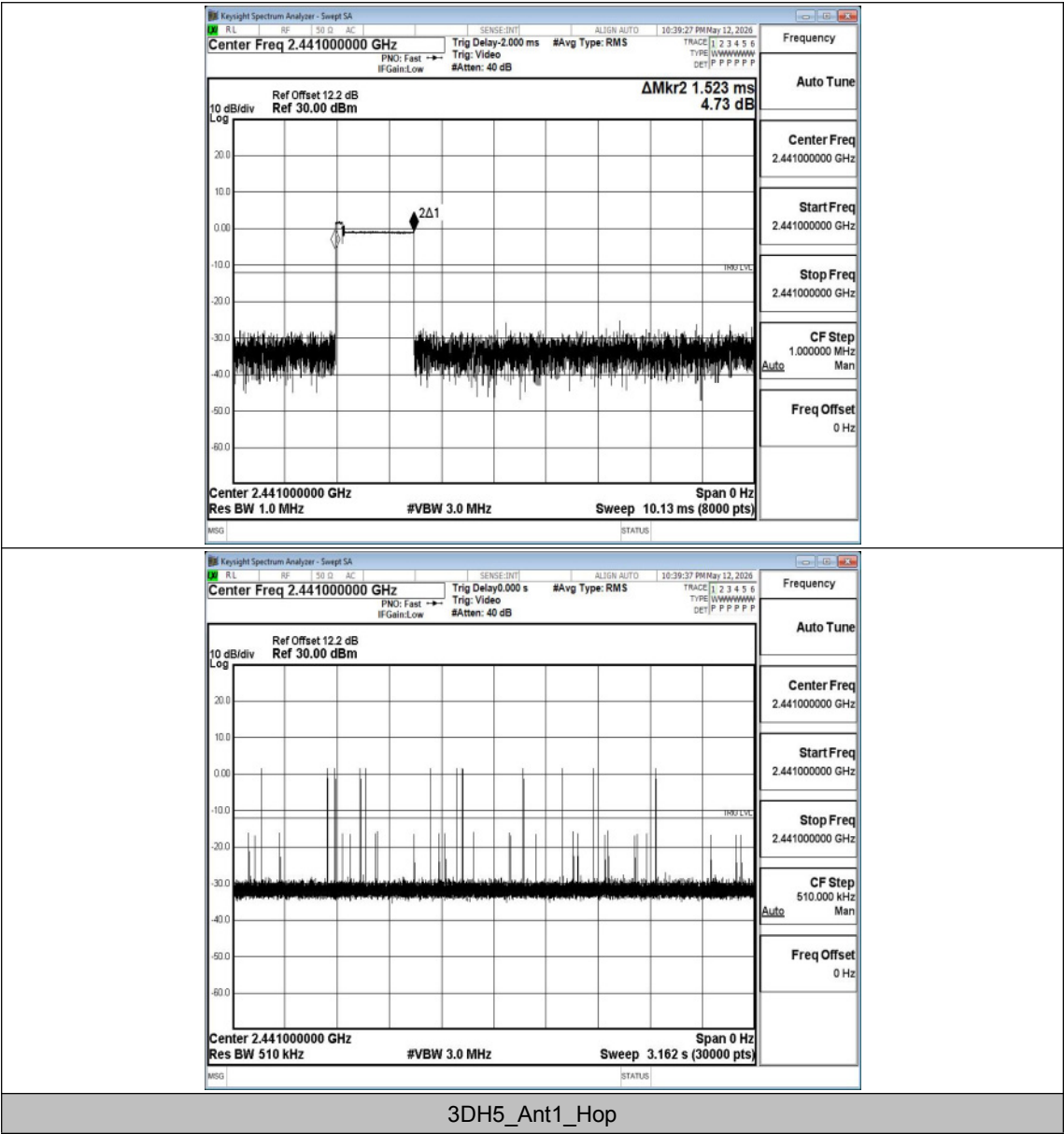
A4 Time of occupancy

Test Result

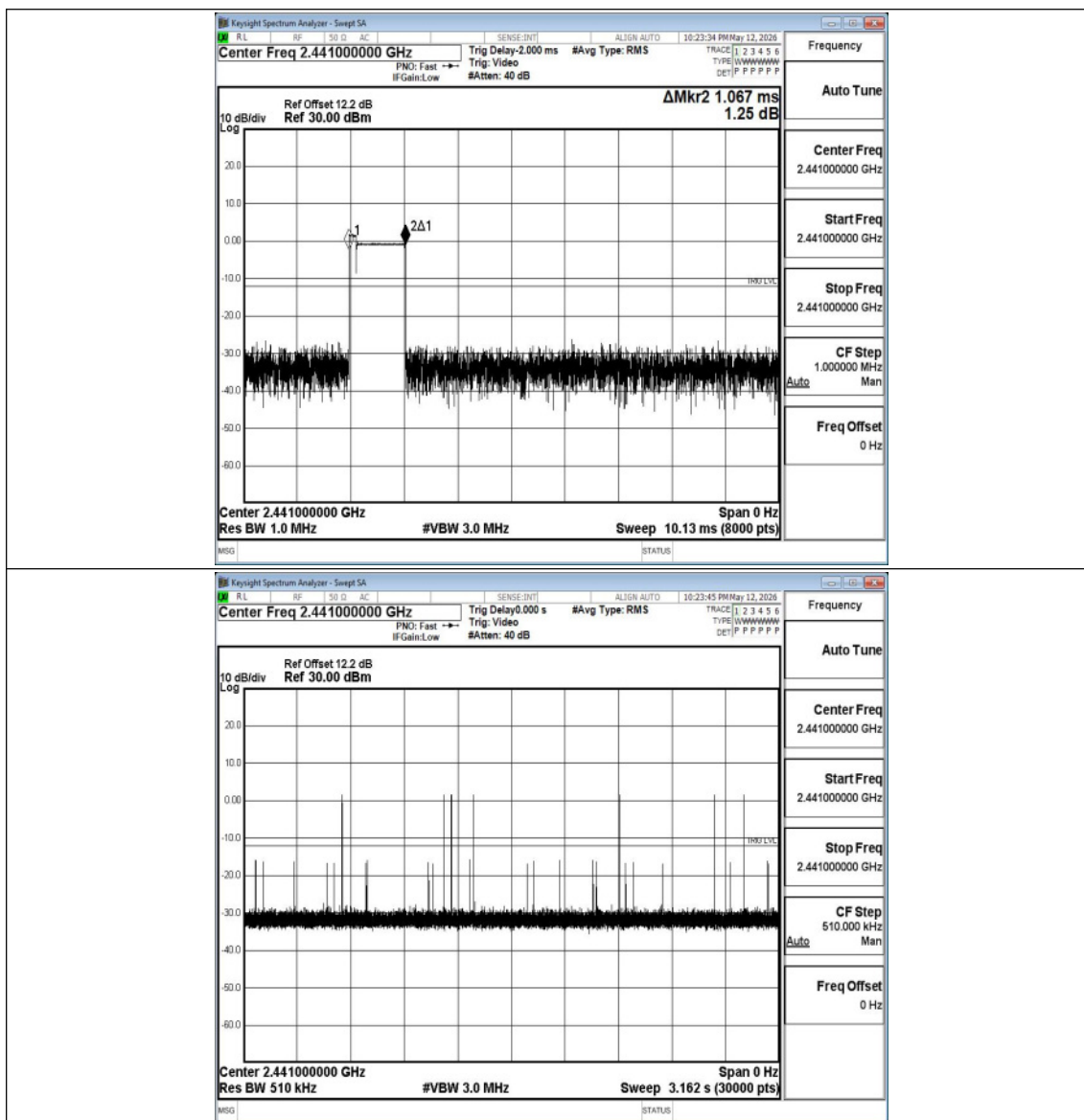
TestMode	Antenna	Freq(MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.880	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	1.523	130	0.198	≤0.4	PASS
3DH5	Ant1	Hop	1.067	80	0.085	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

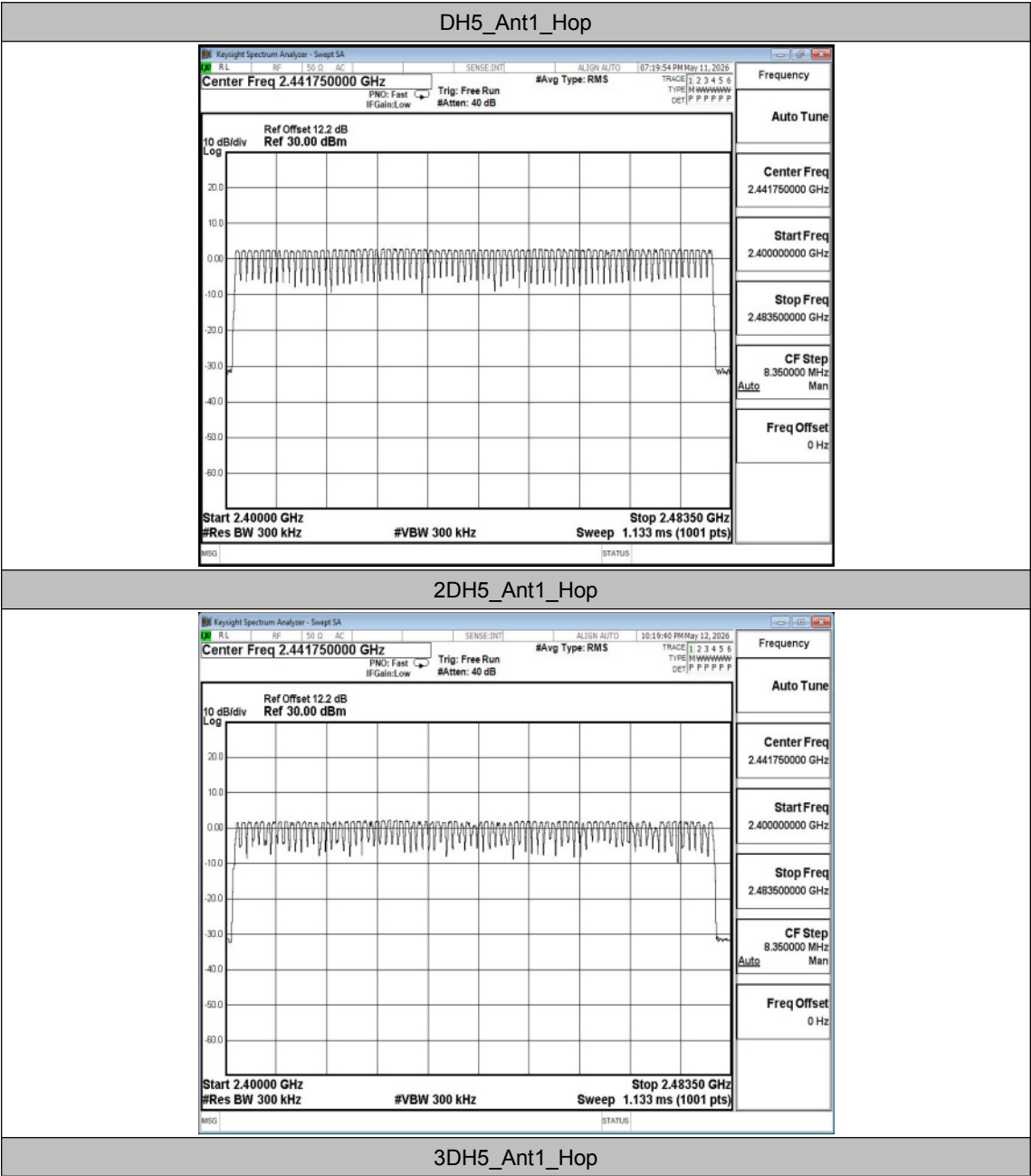


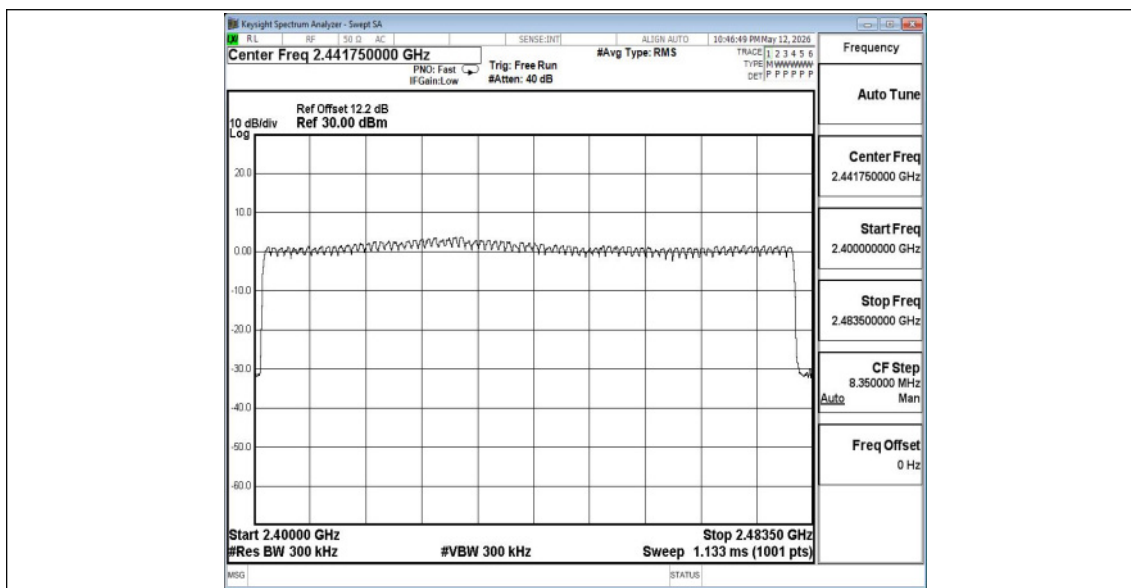
A.5 Number of hopping channels

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





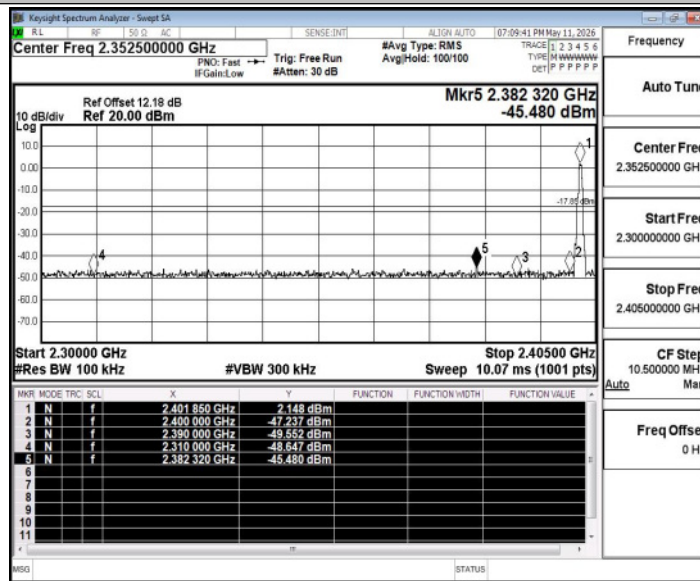
A.6 Band edge measurements

Test Result

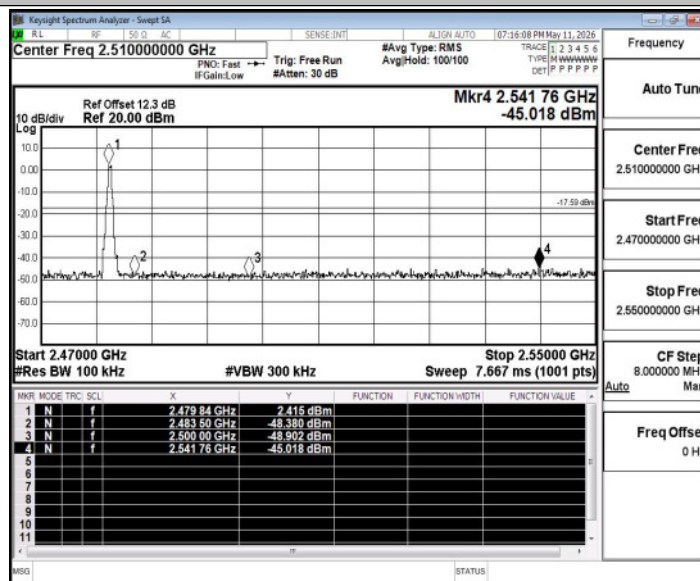
TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.15	-45.48	≤ -17.85	PASS
		High	2480	2.42	-45.02	≤ -17.59	PASS
		Low	Hop_2402	2.04	-45.73	≤ -17.96	PASS
		High	Hop_2480	2.69	-44.29	≤ -17.31	PASS
2DH5	Ant1	Low	2402	0.51	-45.01	≤ -19.49	PASS
		High	2480	1.36	-44.64	≤ -18.64	PASS
		Low	Hop_2402	-1.21	-45.76	≤ -21.21	PASS
		High	Hop_2480	-0.94	-44.79	≤ -20.94	PASS
3DH5	Ant1	Low	2402	1.46	-45.57	≤ -18.54	PASS
		High	2480	1.25	-44.88	≤ -18.75	PASS
		Low	Hop_2402	-0.03	-45.79	≤ -20.03	PASS
		High	Hop_2480	1.41	-44.65	≤ -18.59	PASS

Test Graphs

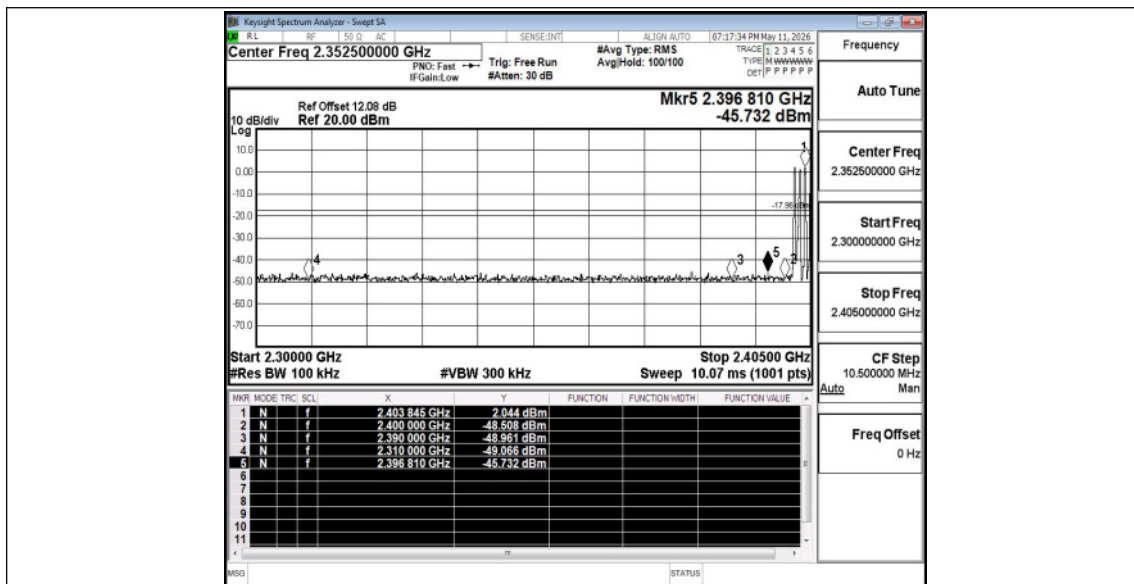
DH5_Ant1_Low_2402



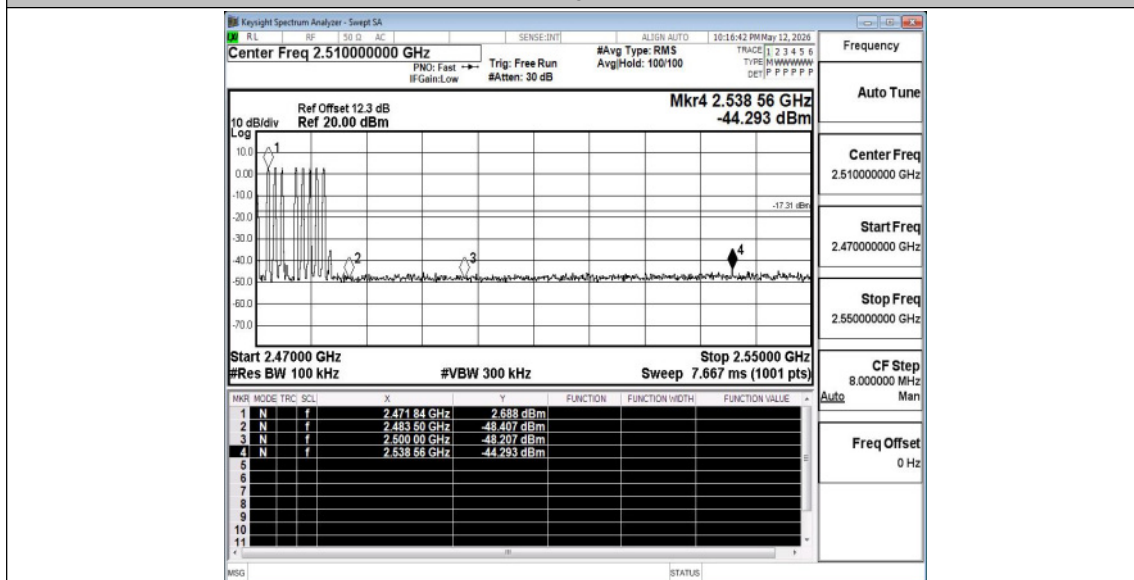
DH5_Ant1_High_2480



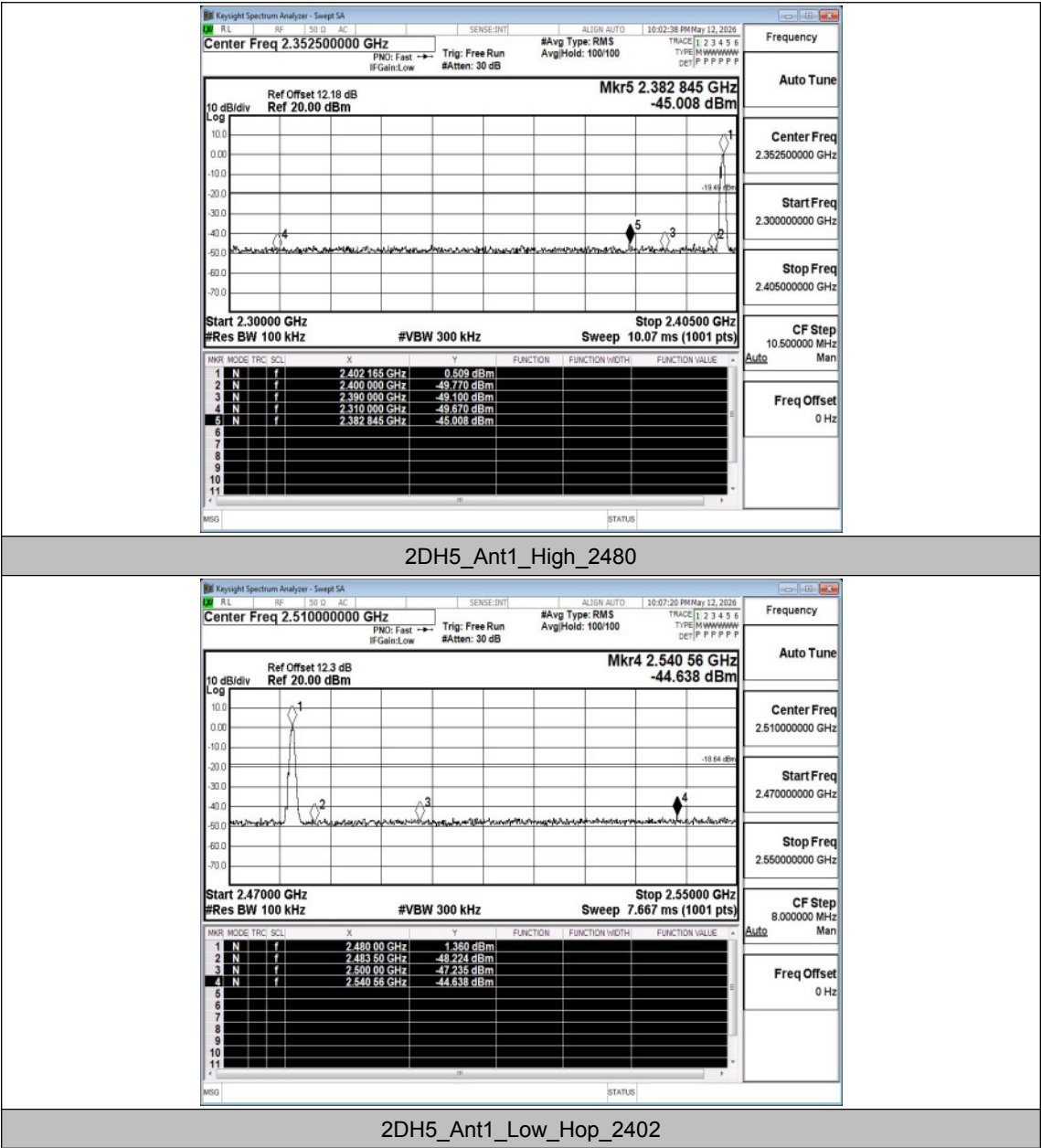
DH5_Ant1_Low_Hop_2402

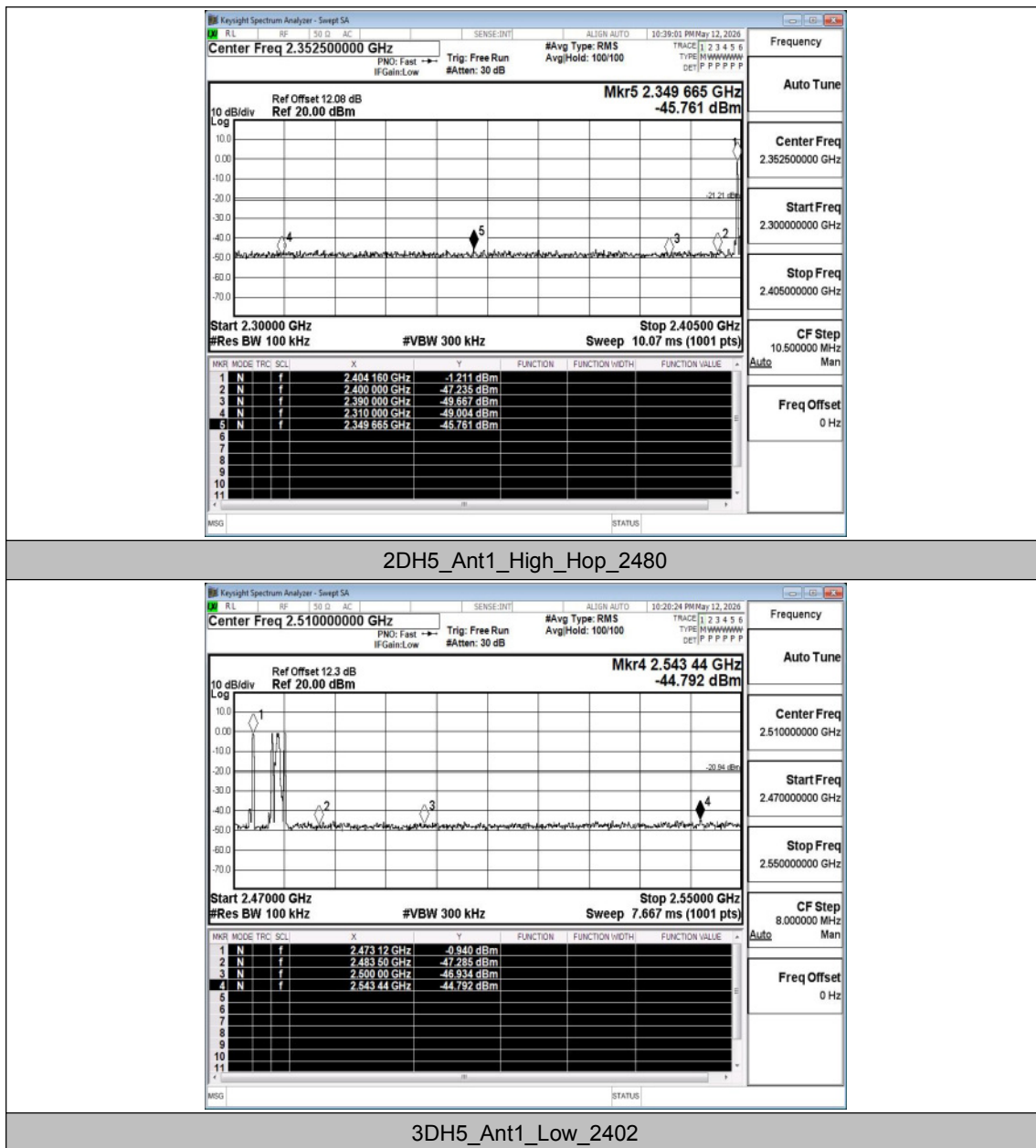


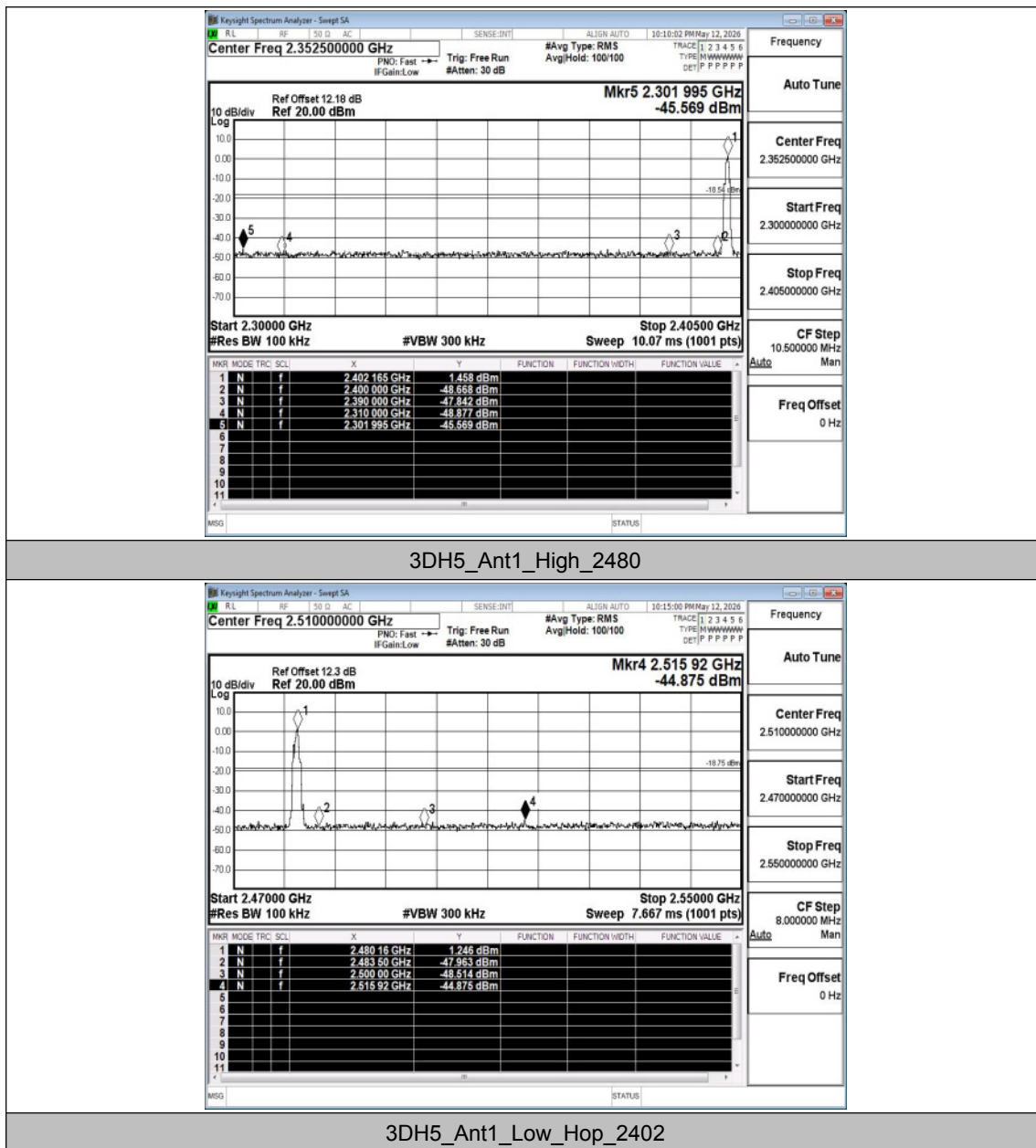
DH5_Ant1_High_Hop_2480

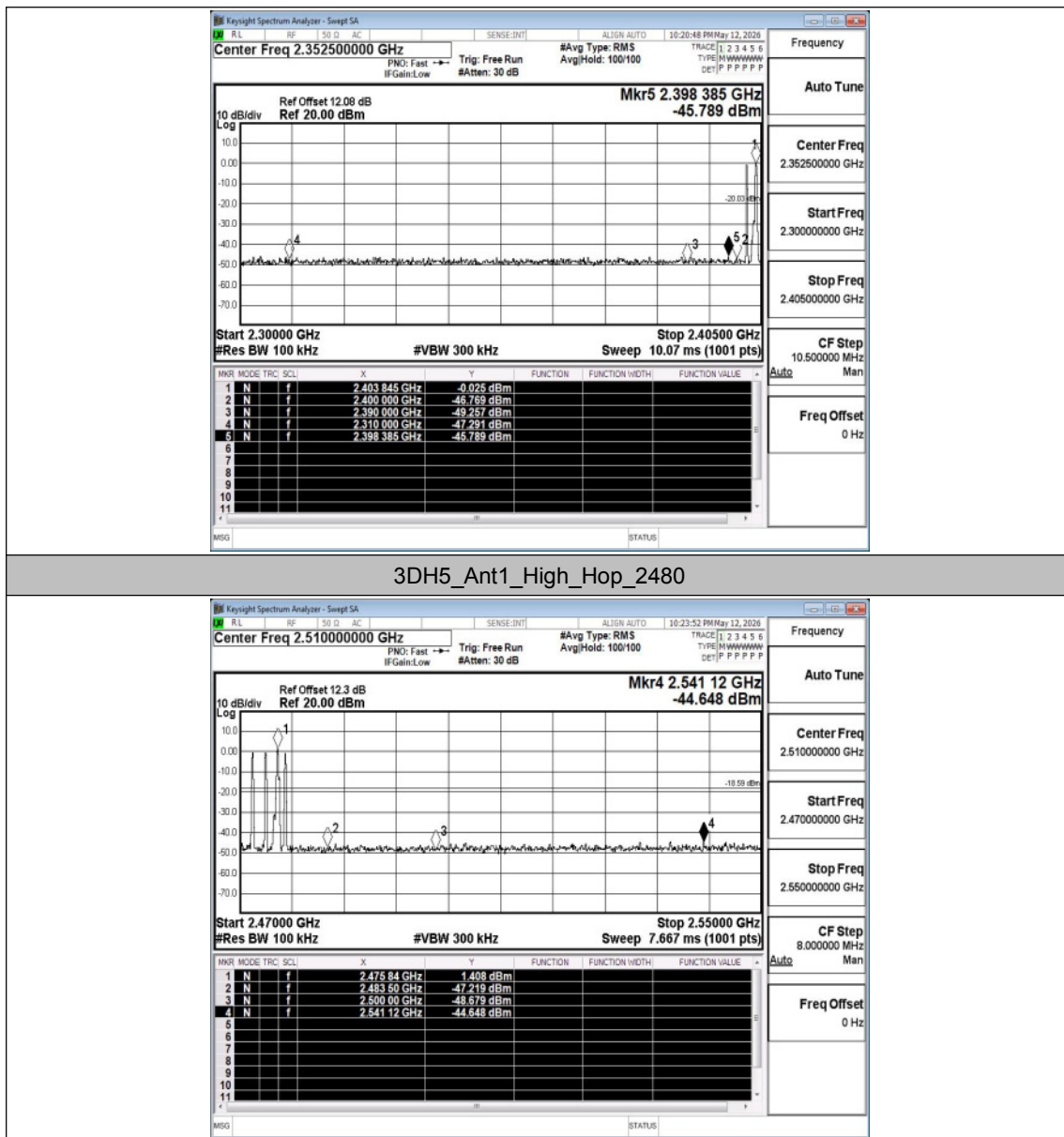


2DH5_Ant1_Low_2402







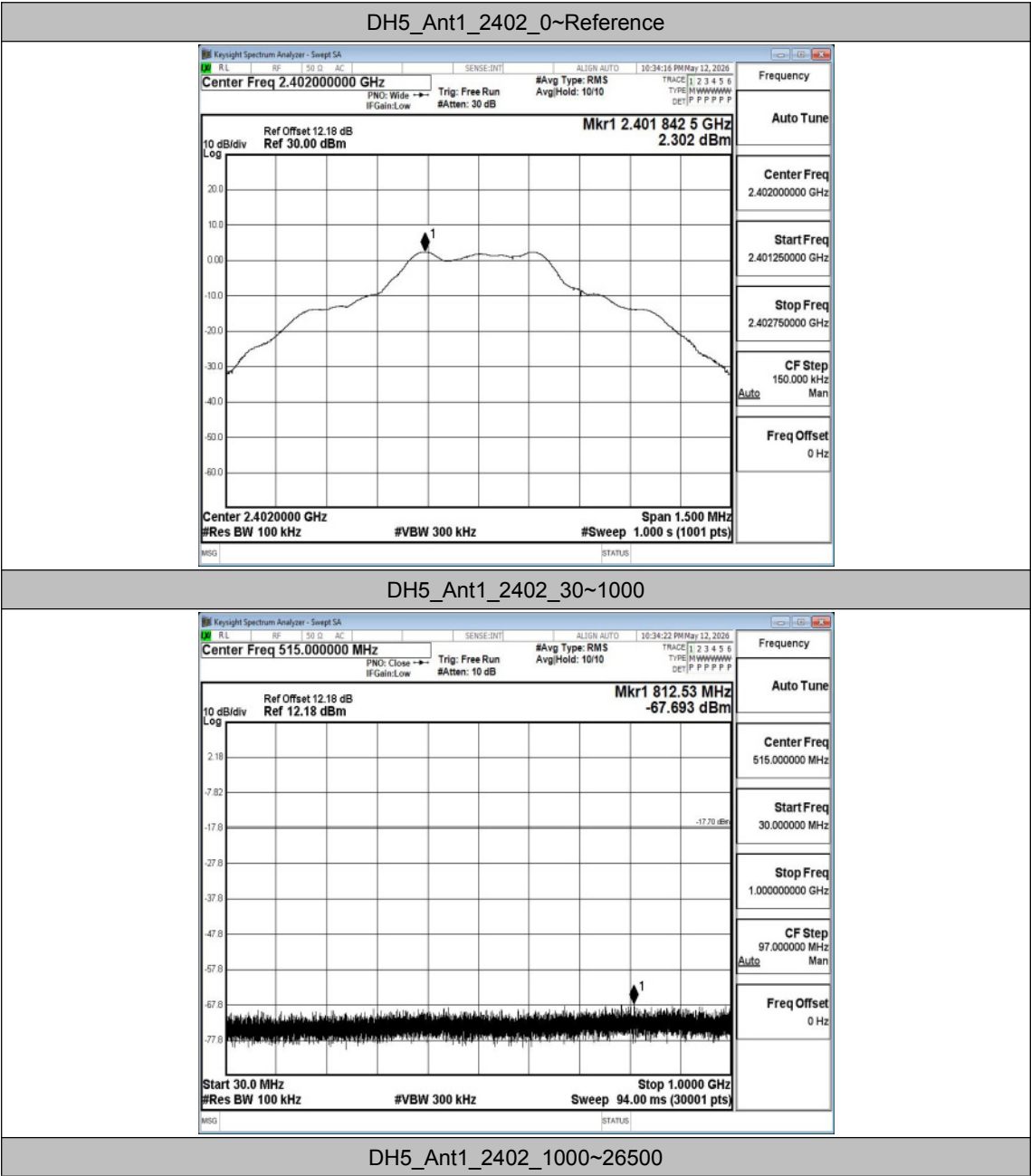


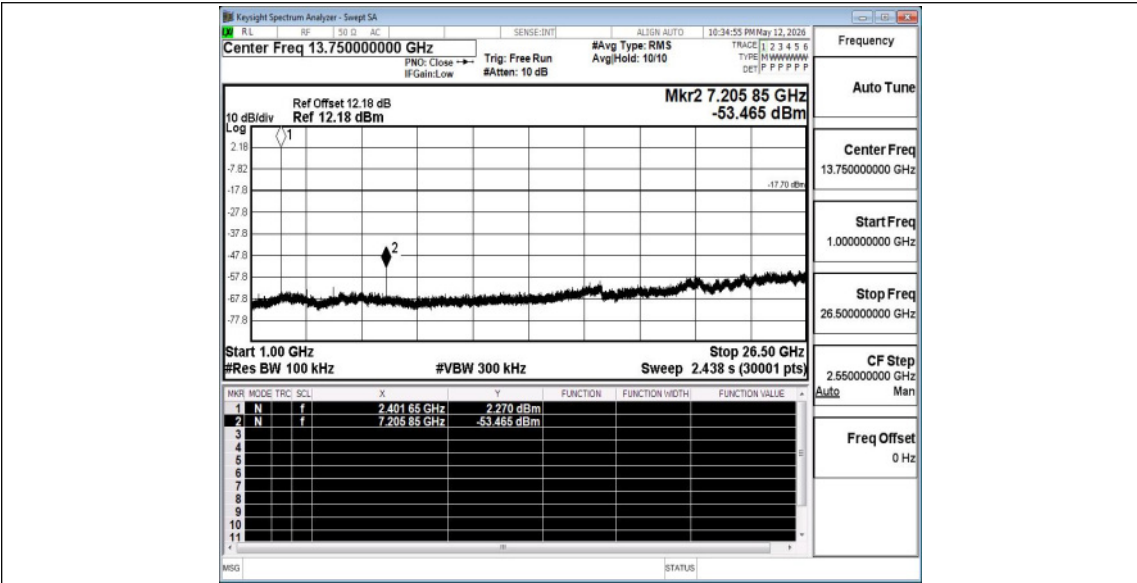
A.7 Conducted Spurious Emission

Test Result

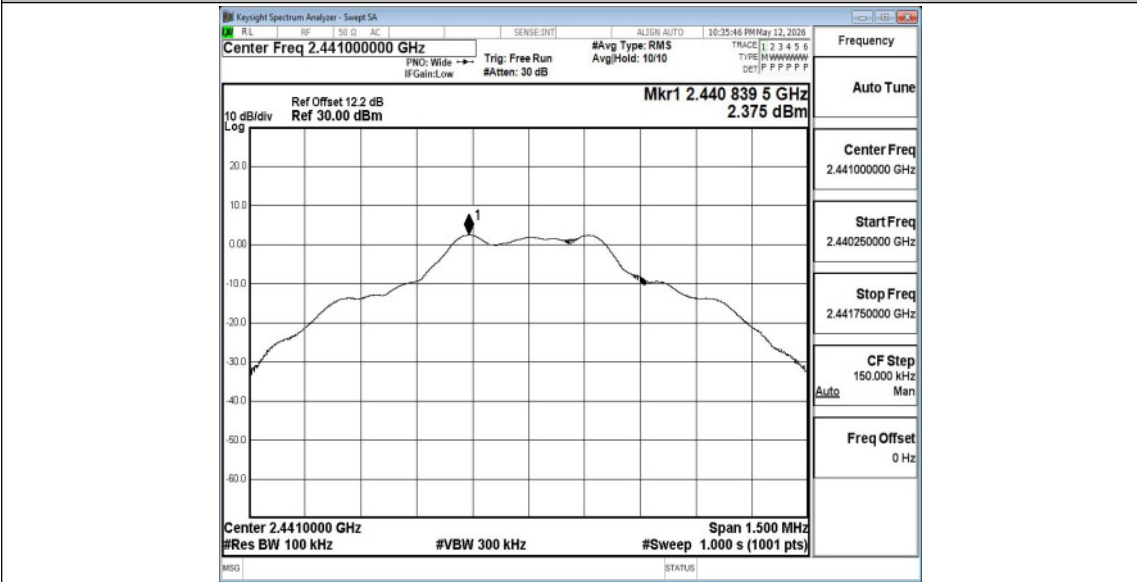
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.30	2.30	---	PASS
			30~1000	2.30	-67.69	≤-17.7	PASS
			1000~26500	2.30	-53.47	≤-17.7	PASS
		2441	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-66.89	≤-17.62	PASS
			1000~26500	2.38	-53.46	≤-17.62	PASS
		2480	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-67.25	≤-17.43	PASS
			1000~26500	2.57	-54.28	≤-17.43	PASS
2DH5	Ant1	2402	Reference	1.42	1.42	---	PASS
			30~1000	1.42	-66.99	≤-18.58	PASS
			1000~26500	1.42	-54.3	≤-18.58	PASS
		2441	Reference	1.37	1.37	---	PASS
			30~1000	1.37	-67.15	≤-18.63	PASS
			1000~26500	1.37	-55.09	≤-18.63	PASS
		2480	Reference	1.49	1.49	---	PASS
			30~1000	1.49	-66.62	≤-18.51	PASS
			1000~26500	1.49	-54.8	≤-18.51	PASS
3DH5	Ant1	2402	Reference	1.42	1.42	---	PASS
			30~1000	1.42	-67.11	≤-18.58	PASS
			1000~26500	1.42	-53.69	≤-18.58	PASS
		2441	Reference	1.40	1.40	---	PASS
			30~1000	1.40	-67.39	≤-18.6	PASS
			1000~26500	1.40	-53.03	≤-18.6	PASS
		2480	Reference	1.50	1.50	---	PASS
			30~1000	1.50	-68.07	≤-18.5	PASS
			1000~26500	1.50	-54.11	≤-18.5	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

