

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: PicassoTab_ Z13

Test Model: PicassoTab_ Z13

Environmental Conditions

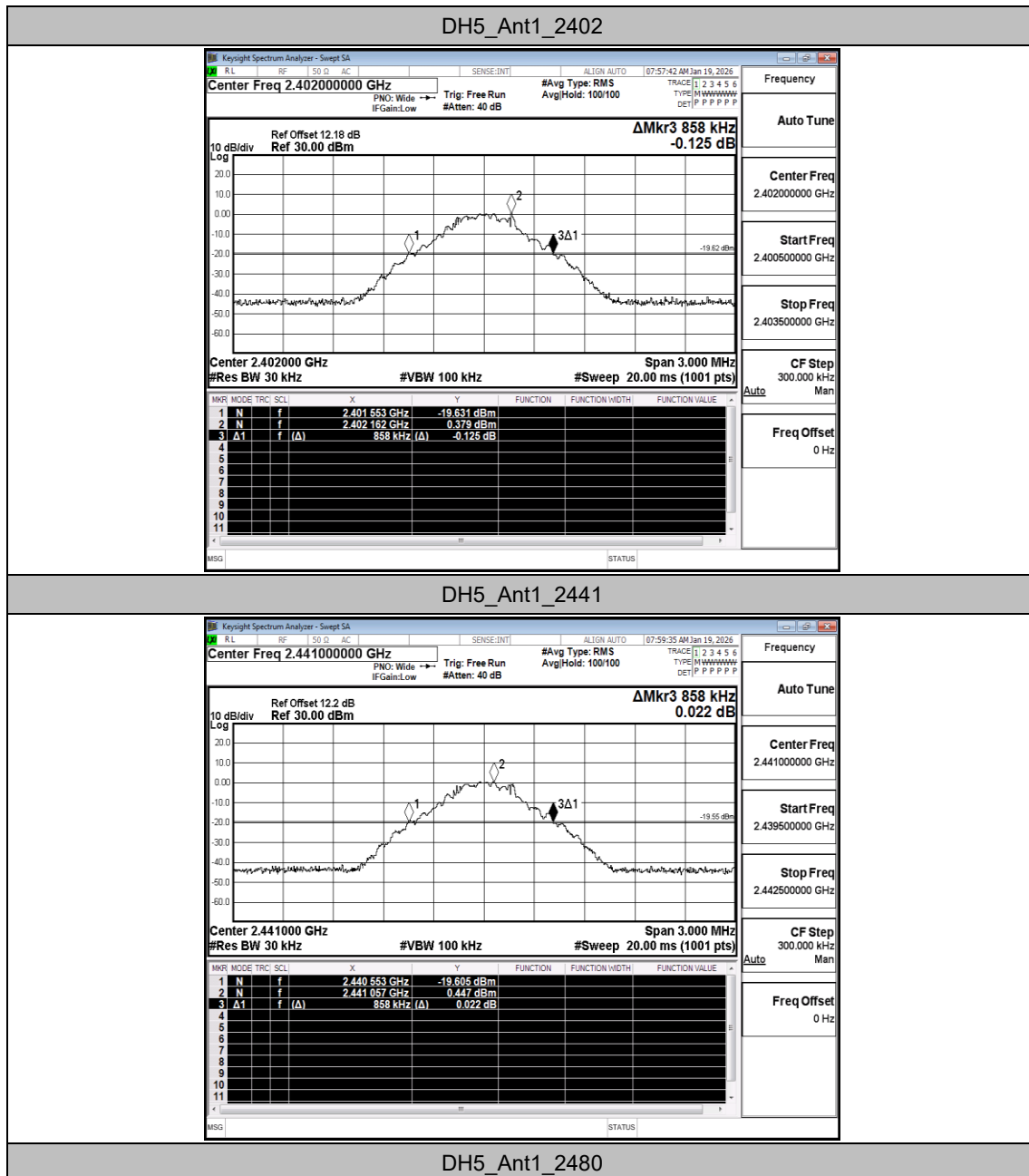
Temperature:	23.1°C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

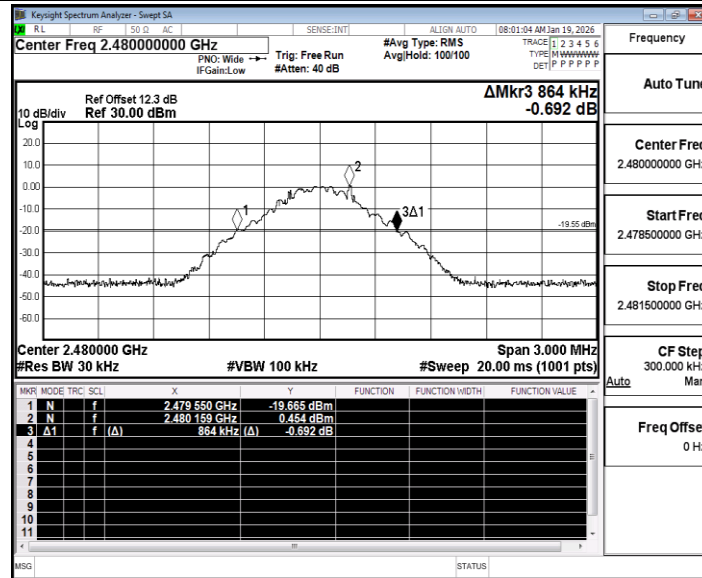
A.1 20dB Emission Bandwidth

Test Result

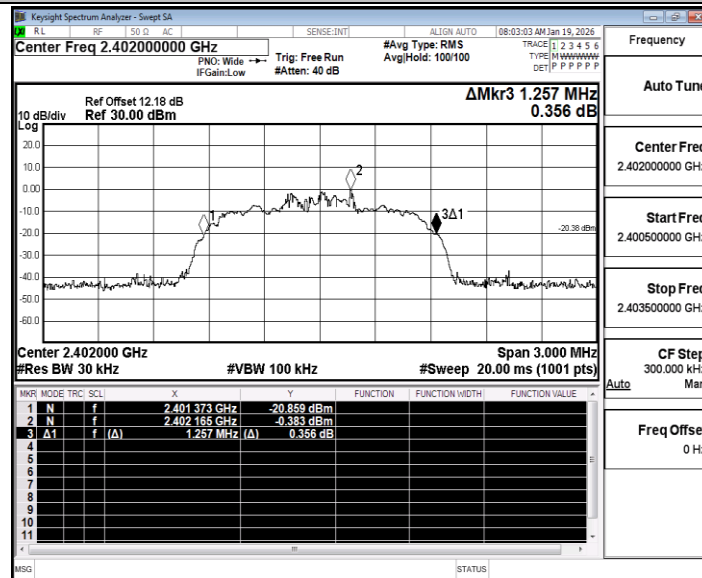
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.858	2401.553	2402.411	---	---
		2441	0.858	2440.553	2441.411	---	---
		2480	0.864	2479.550	2480.414	---	---
2DH5	Ant1	2402	1.257	2401.373	2402.630	---	---
		2441	1.266	2440.370	2441.636	---	---
		2480	1.278	2479.367	2480.645	---	---
3DH5	Ant1	2402	1.269	2401.361	2402.630	---	---
		2441	1.257	2440.364	2441.621	---	---
		2480	1.272	2479.358	2480.630	---	---

Test Graphs

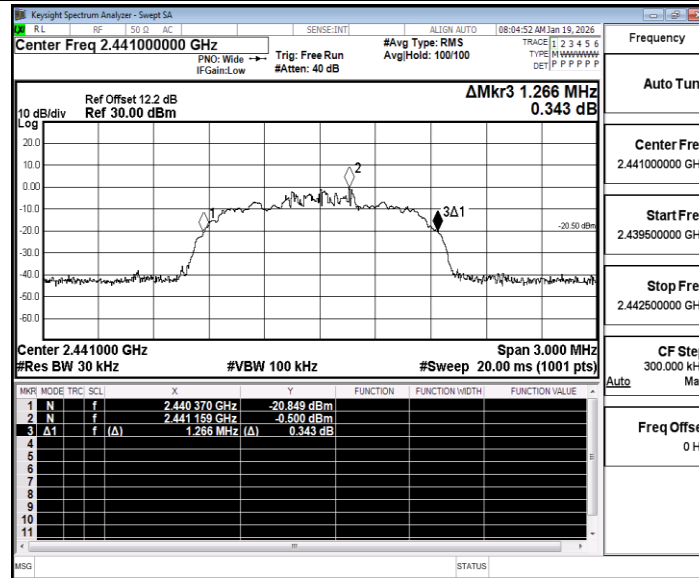




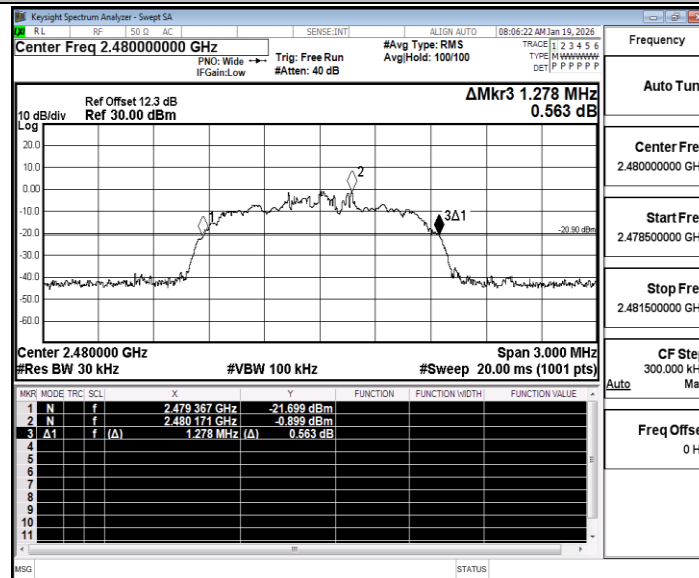
2DH5_Ant1_2402



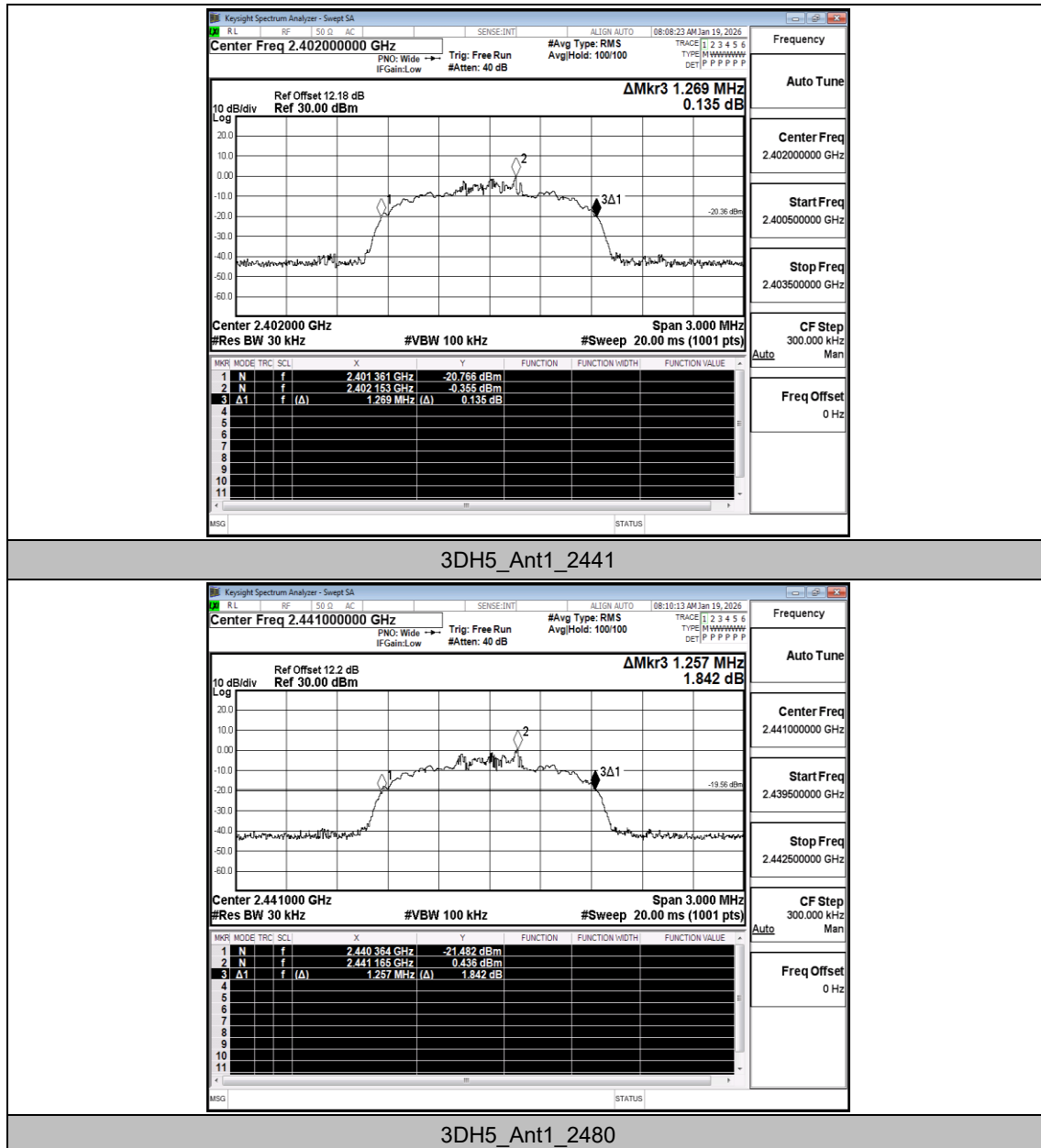
2DH5_Ant1_2441

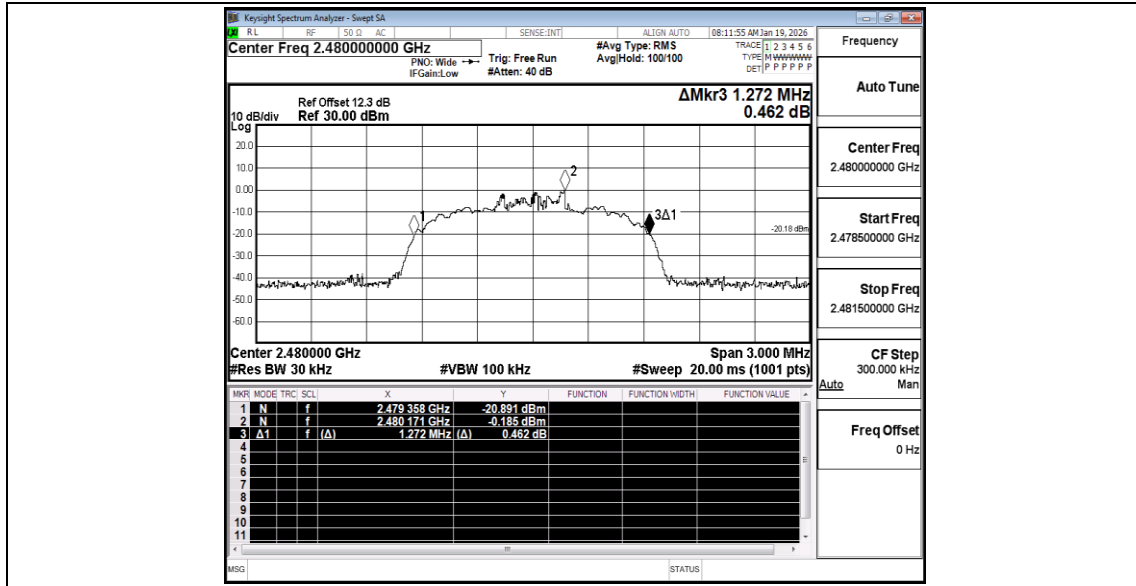


2DH5_Ant1_2480



3DH5_Ant1_2402



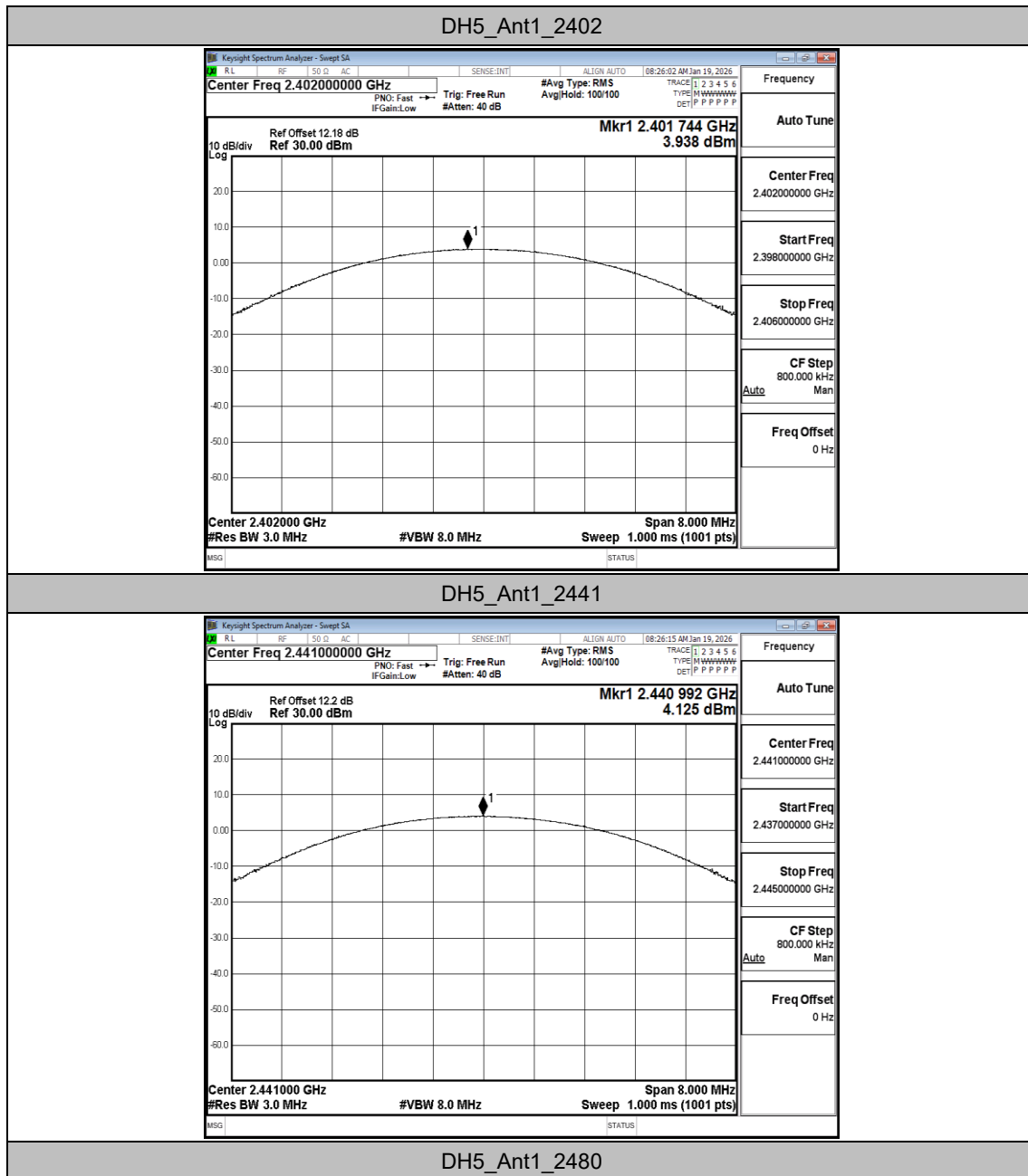


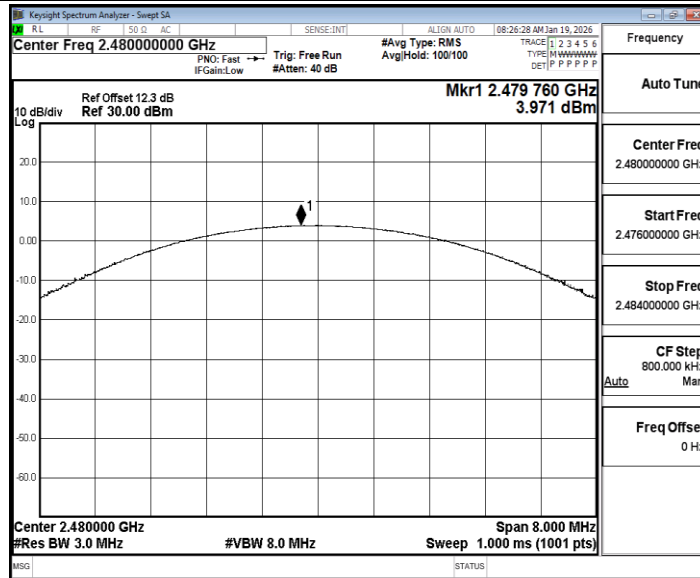
A.2 Maximum Peak conducted output power

Test Result Peak

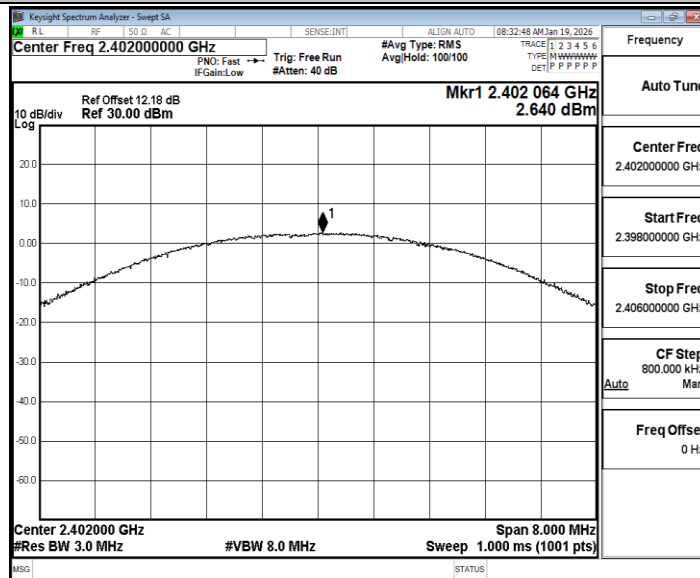
Test Mode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	3.94	≤30	PASS
		2441	4.13	≤30	PASS
		2480	3.97	≤30	PASS
2DH5	Ant1	2402	2.64	≤30	PASS
		2441	3.29	≤20.97	PASS
		2480	3.30	≤20.97	PASS
3DH5	Ant1	2402	3.16	≤20.97	PASS
		2441	3.51	≤20.97	PASS
		2480	3.39	≤20.97	PASS

Test Graphs

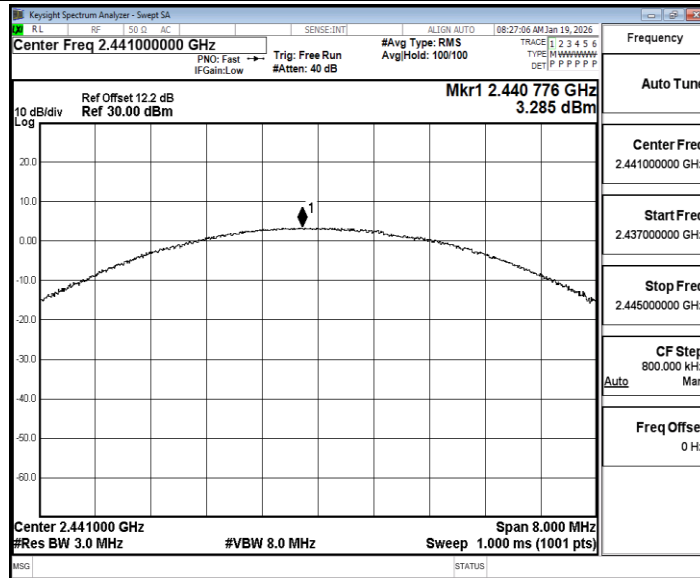




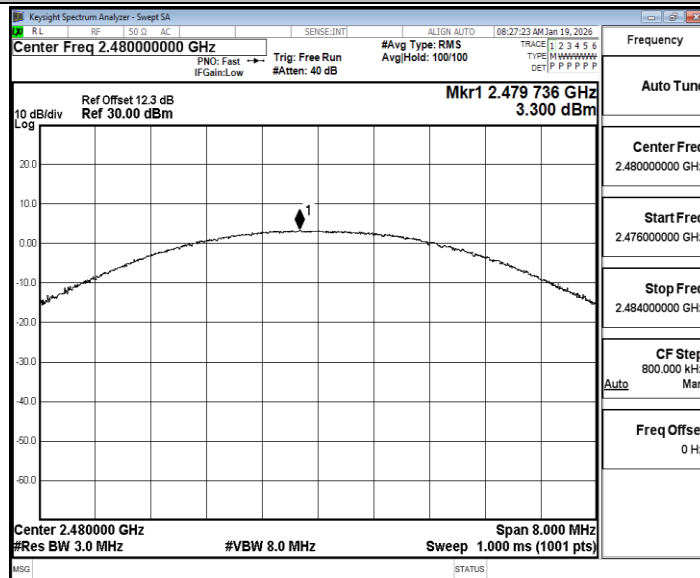
2DH5_Ant1_2402



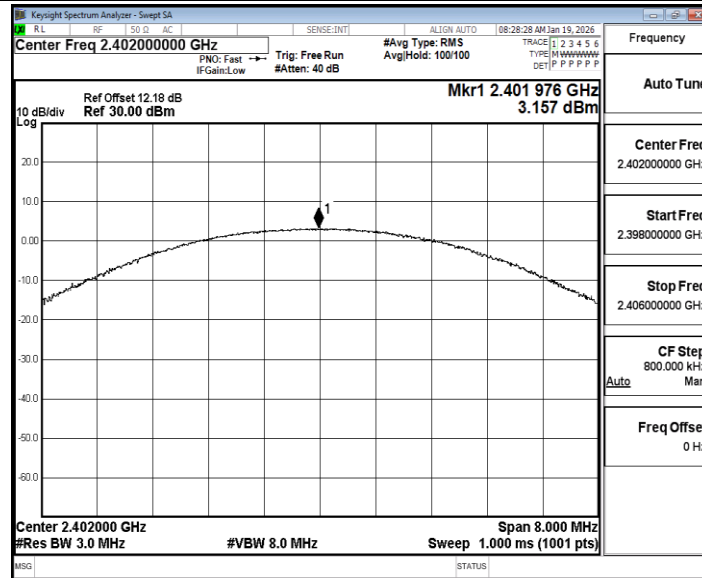
2DH5_Ant1_2441



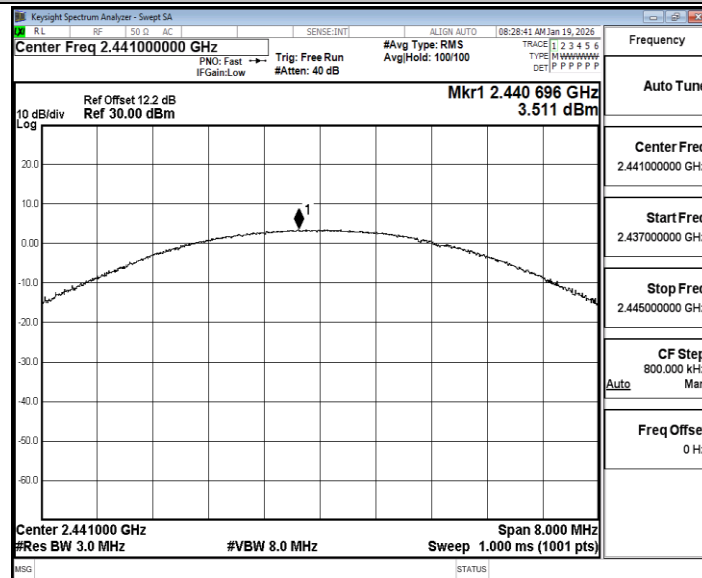
2DH5_Ant1_2480



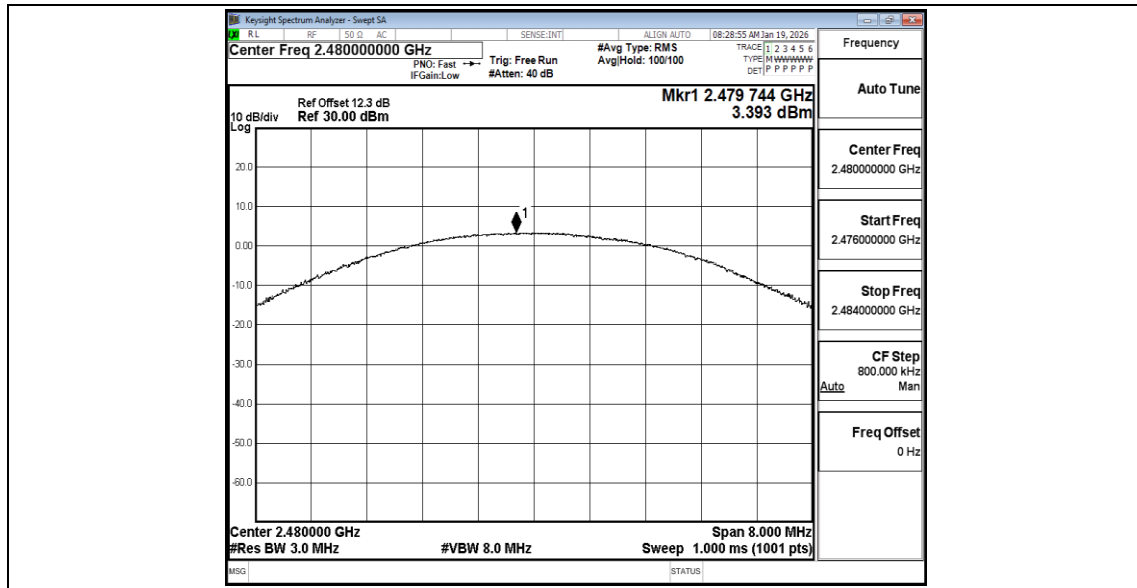
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

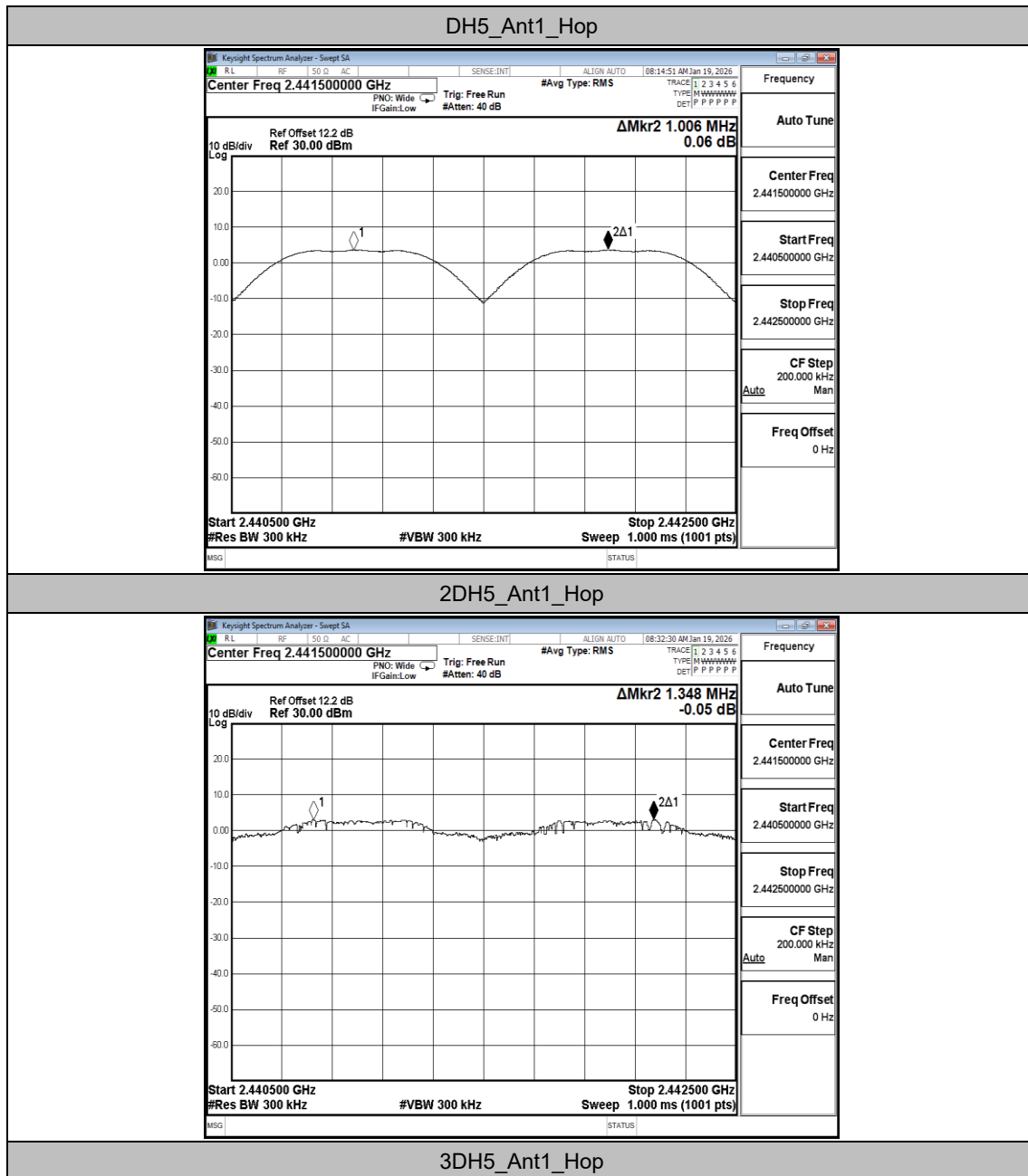


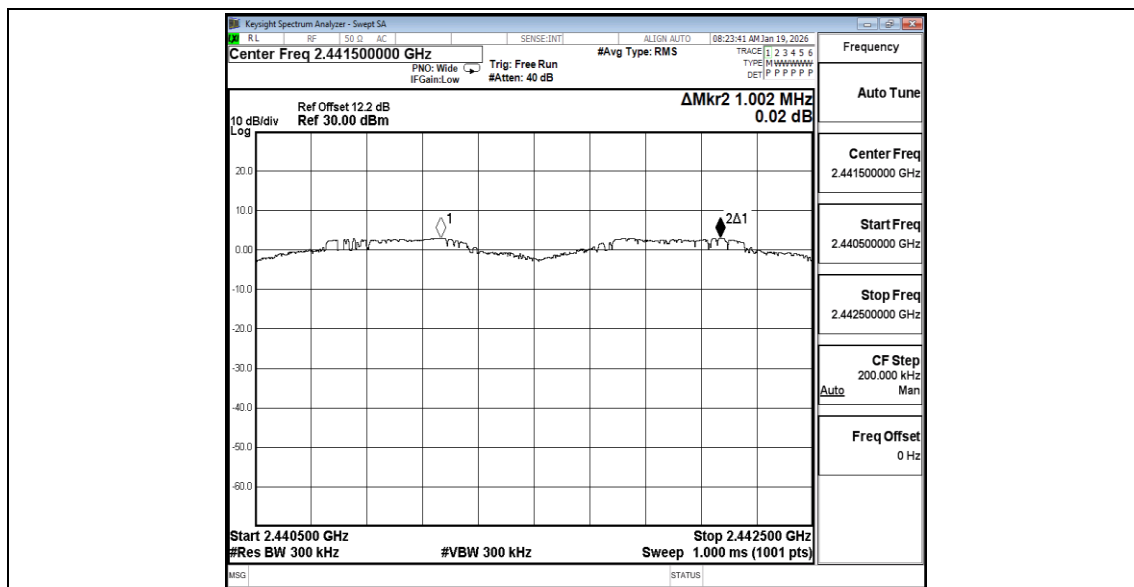
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.006	≥ 0.864	PASS
2DH5	Ant1	Hop	1.348	≥ 1.278	PASS
3DH5	Ant1	Hop	1.002	≥ 0.848	PASS

Test Graphs



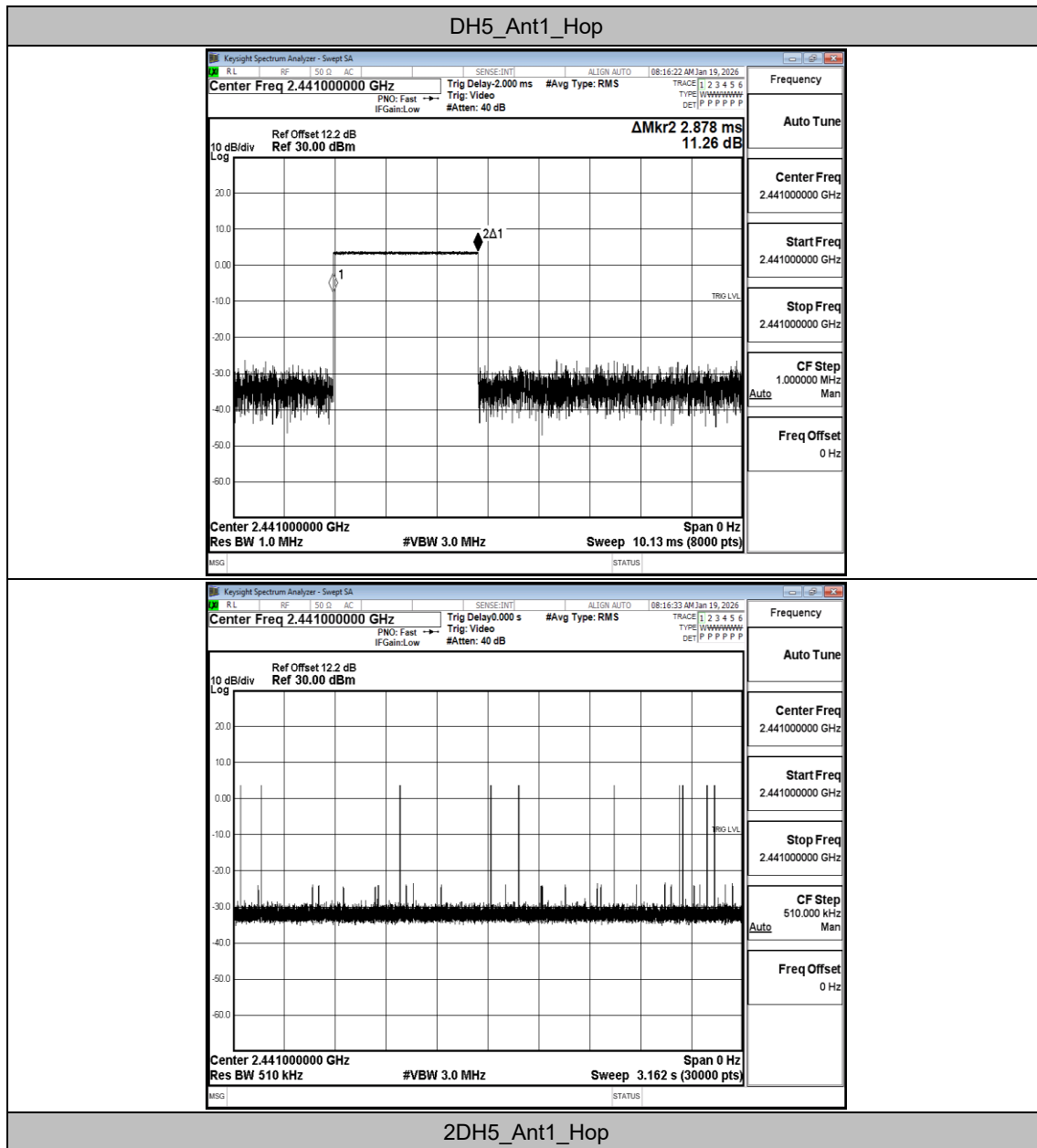


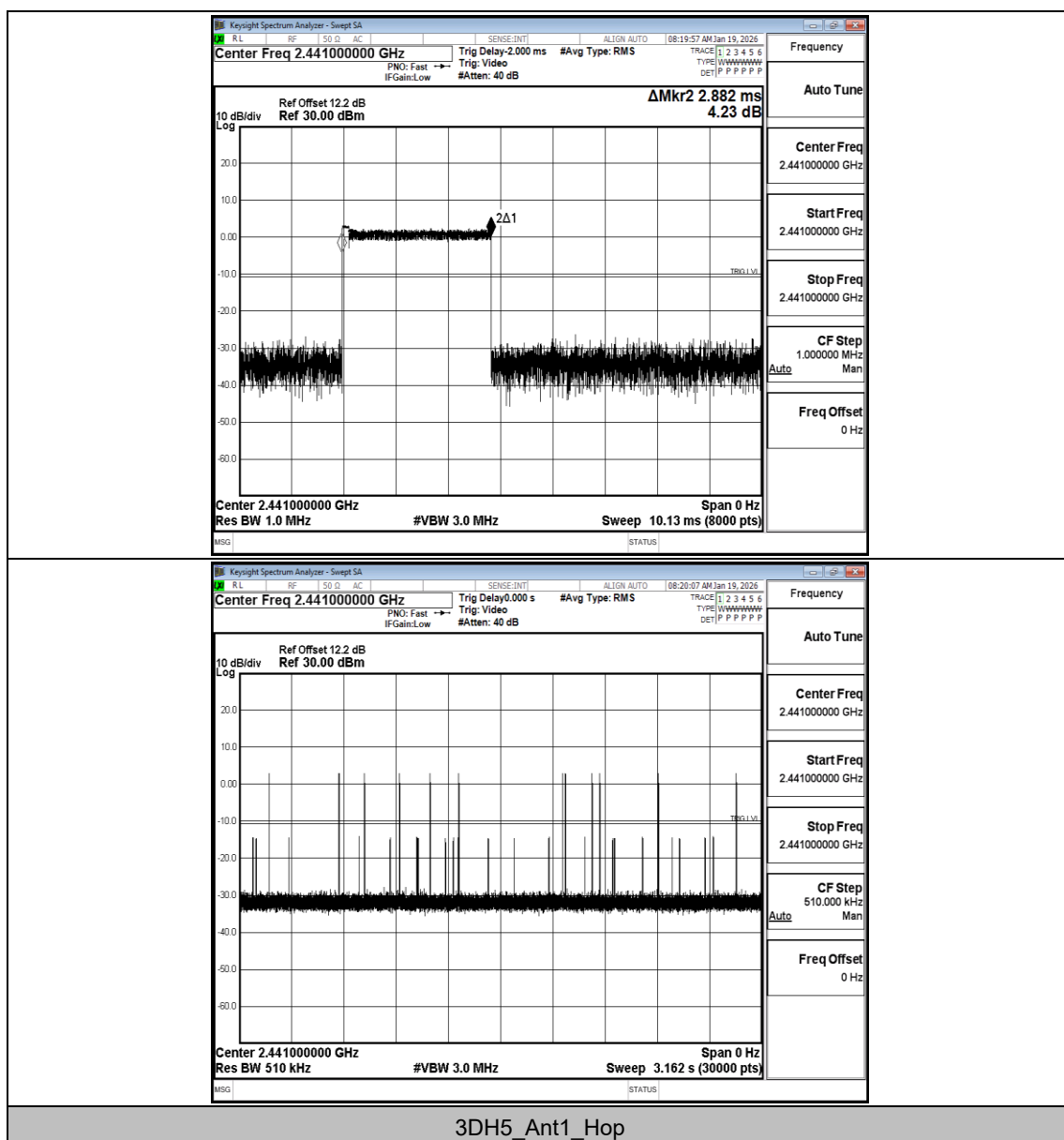
A.4 Time of occupancy

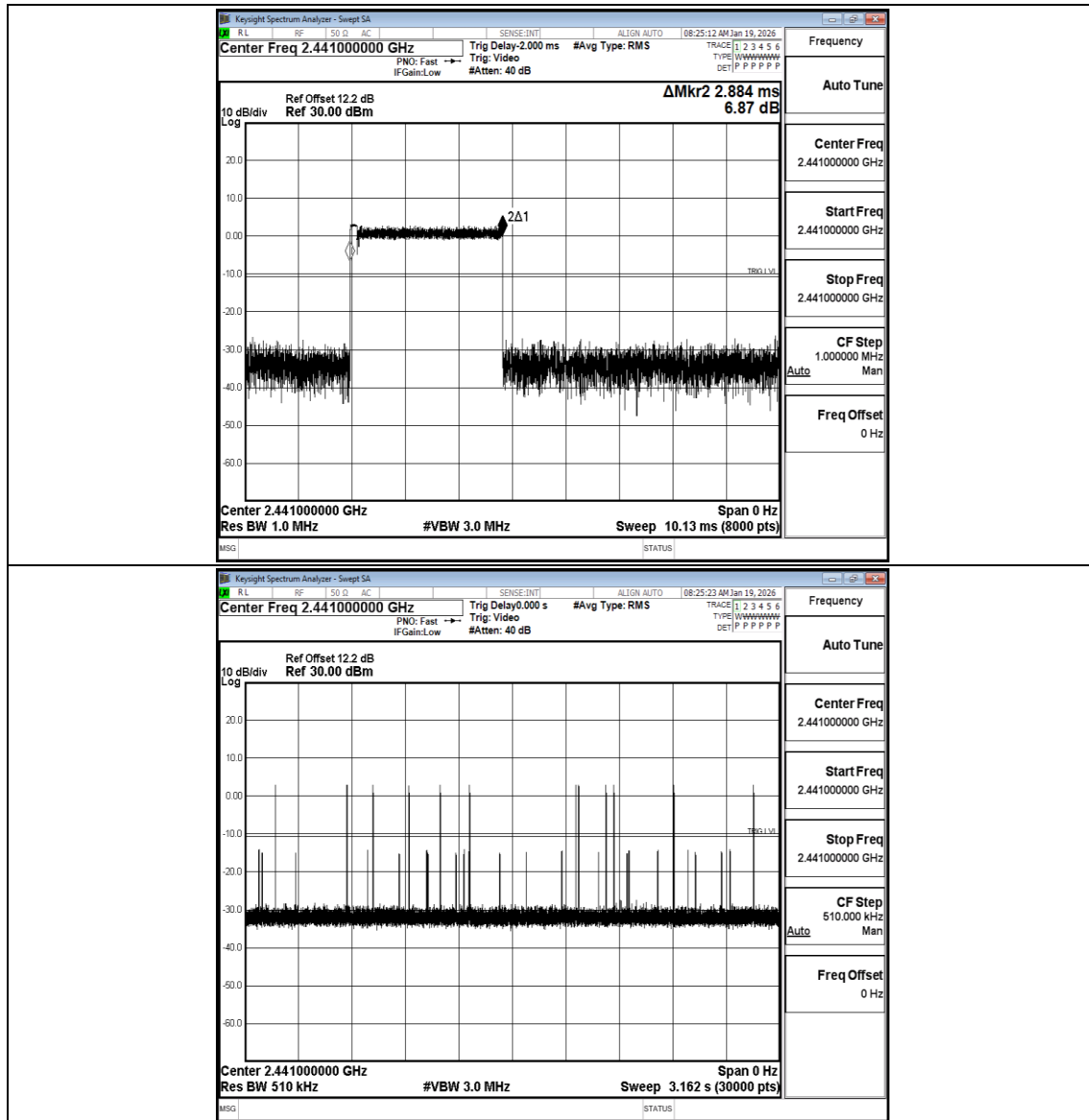
Test Result

TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.878	110	0.317	≤0.4	PASS
2DH5	Ant1	Hop	2.882	130	0.375	≤0.4	PASS
3DH5	Ant1	Hop	2.884	130	0.375	≤0.4	PASS

Test Graphs





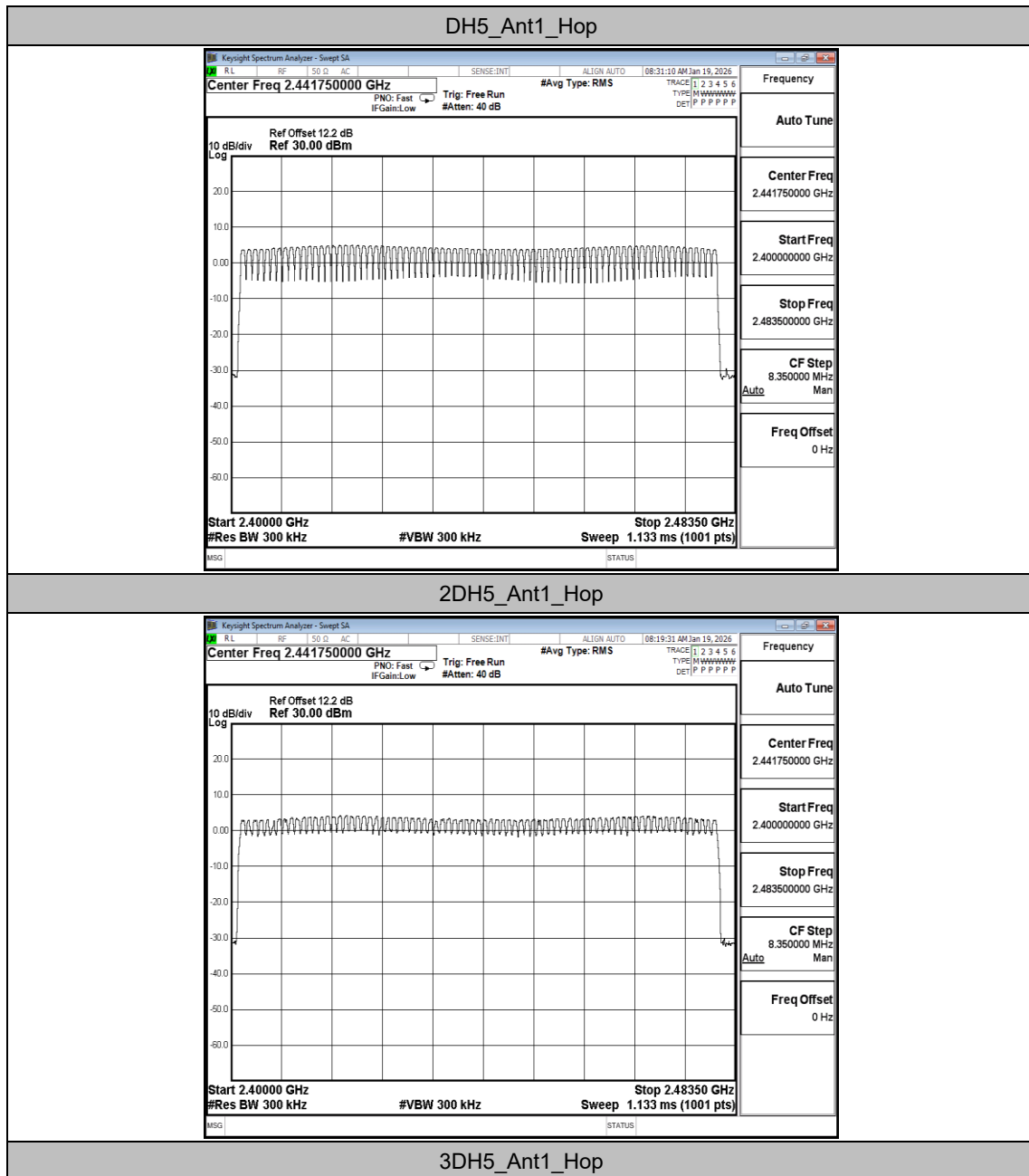


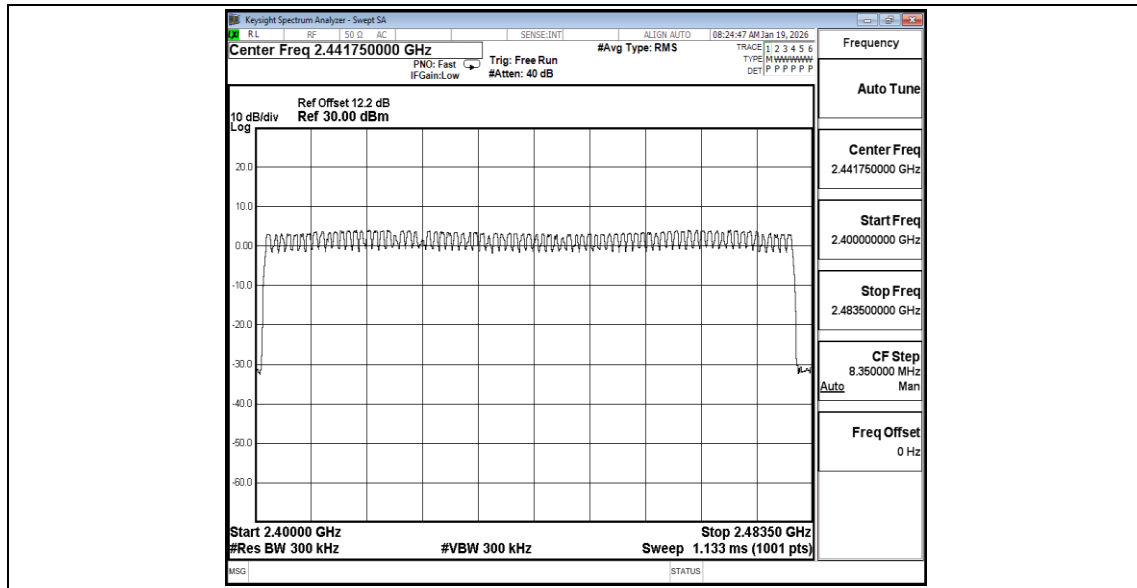
A.5 Number of hopping channels

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



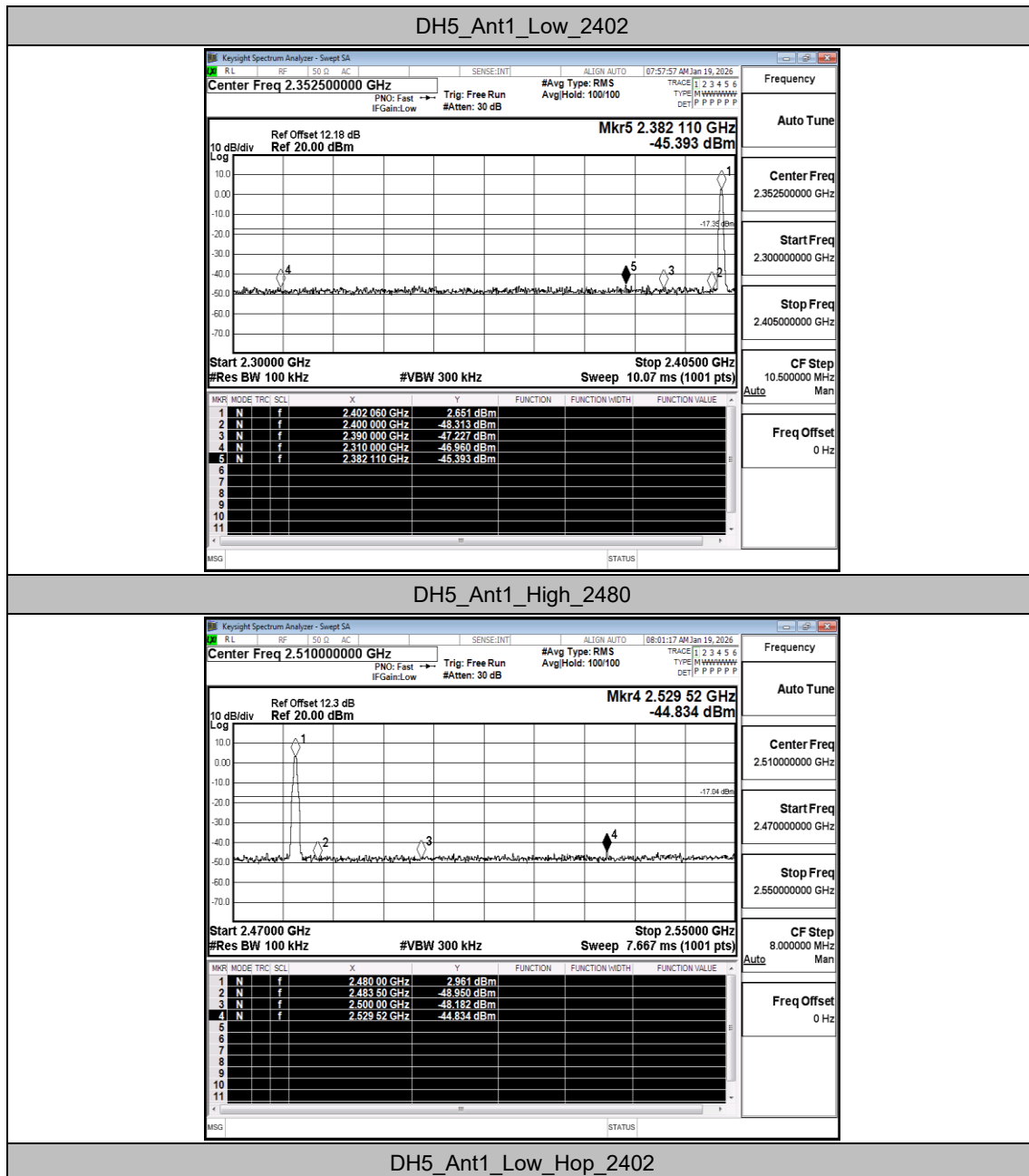


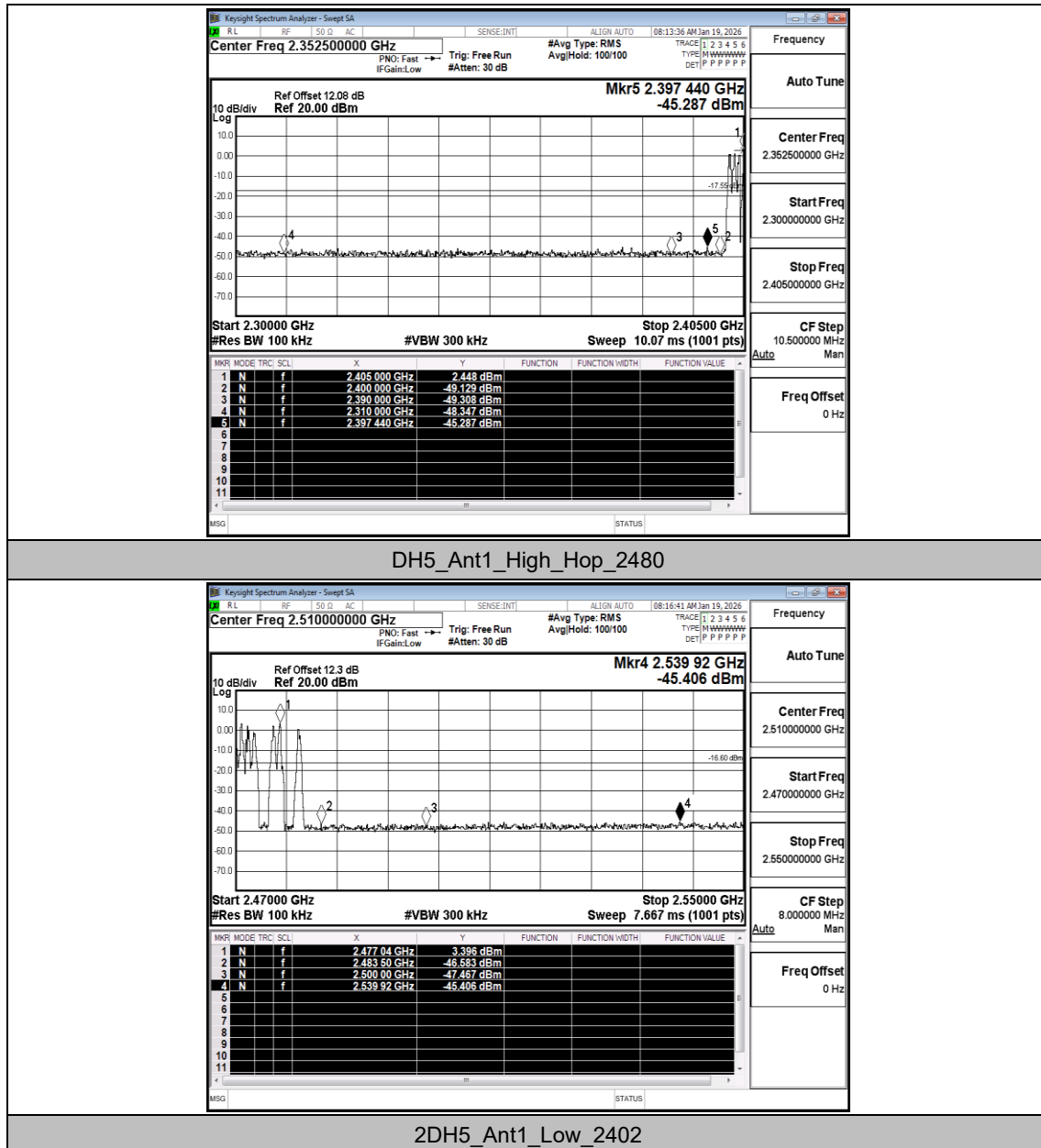
A.6 Band edge measurements

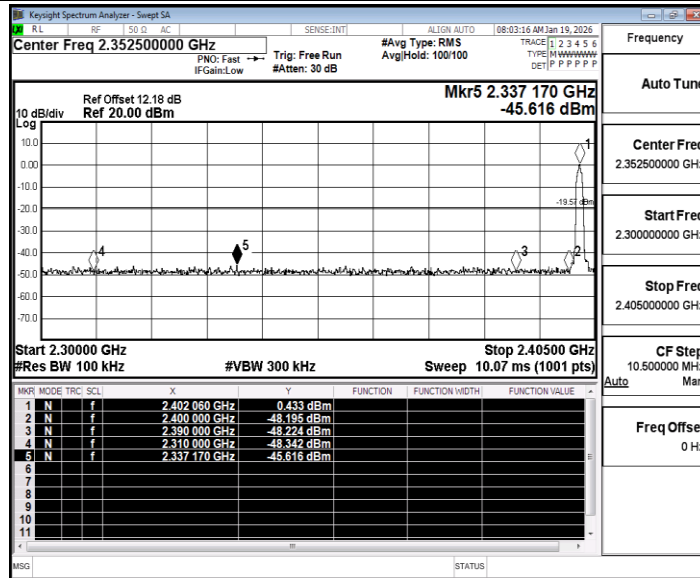
Test Result

TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.65	-45.39	≤ -17.35	PASS
		High	2480	2.96	-44.83	≤ -17.04	PASS
		Low	Hop_2402	2.45	-45.29	≤ -17.55	PASS
		High	Hop_2480	3.40	-45.41	≤ -16.6	PASS
2DH5	Ant1	Low	2402	0.43	-45.62	≤ -19.57	PASS
		High	2480	2.72	-45.31	≤ -17.28	PASS
		Low	Hop_2402	-4.37	-46	≤ -24.37	PASS
		High	Hop_2480	-3.40	-44.5	≤ -23.4	PASS
3DH5	Ant1	Low	2402	1.63	-45.28	≤ -18.37	PASS
		High	2480	2.36	-44.58	≤ -17.64	PASS
		Low	Hop_2402	-2.46	-45.56	≤ -22.46	PASS
		High	Hop_2480	1.59	-45.54	≤ -18.41	PASS

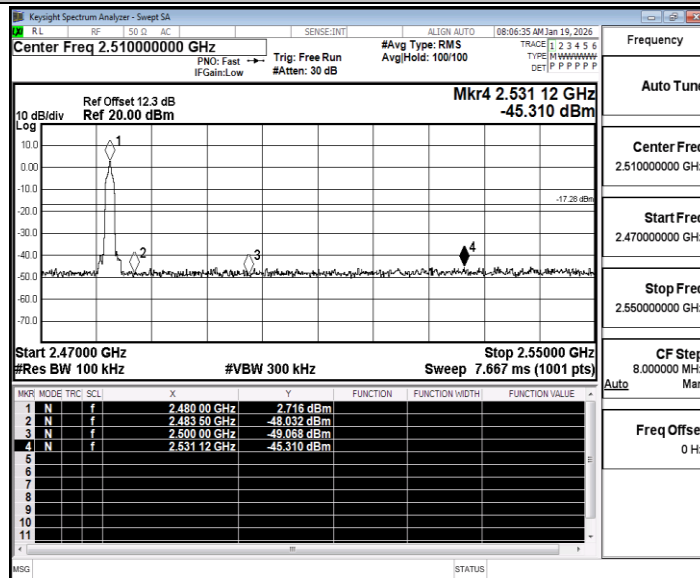
Test Graphs



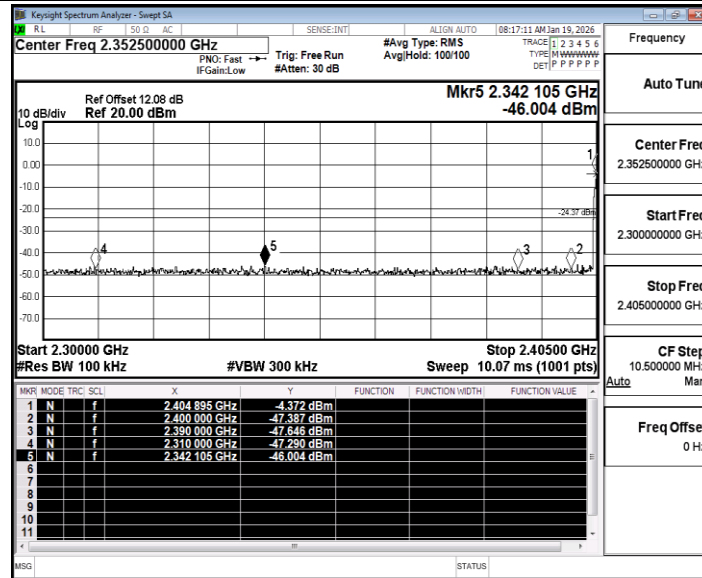




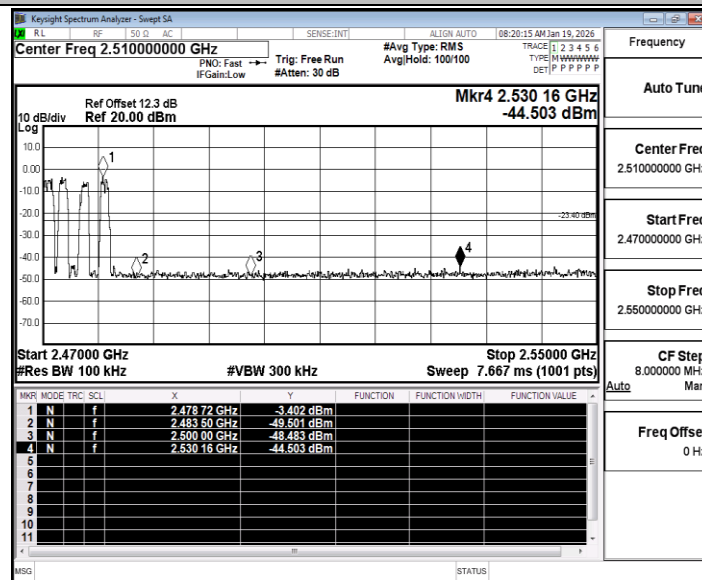
2D5_Ant1_High_2480



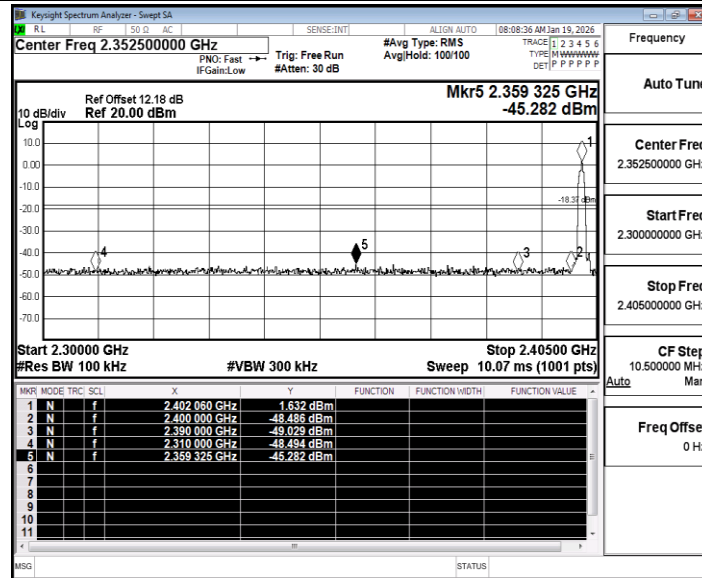
2D5_Ant1_Low_Hop_2402



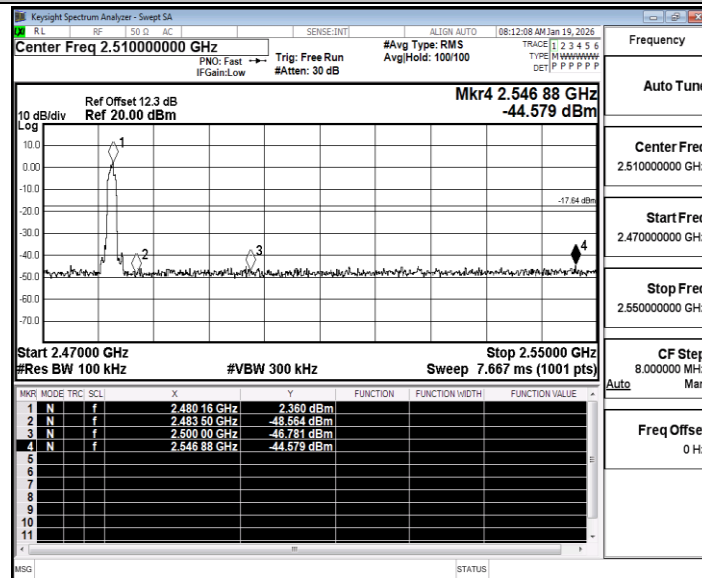
2DH5_Ant1_High_Hop_2480



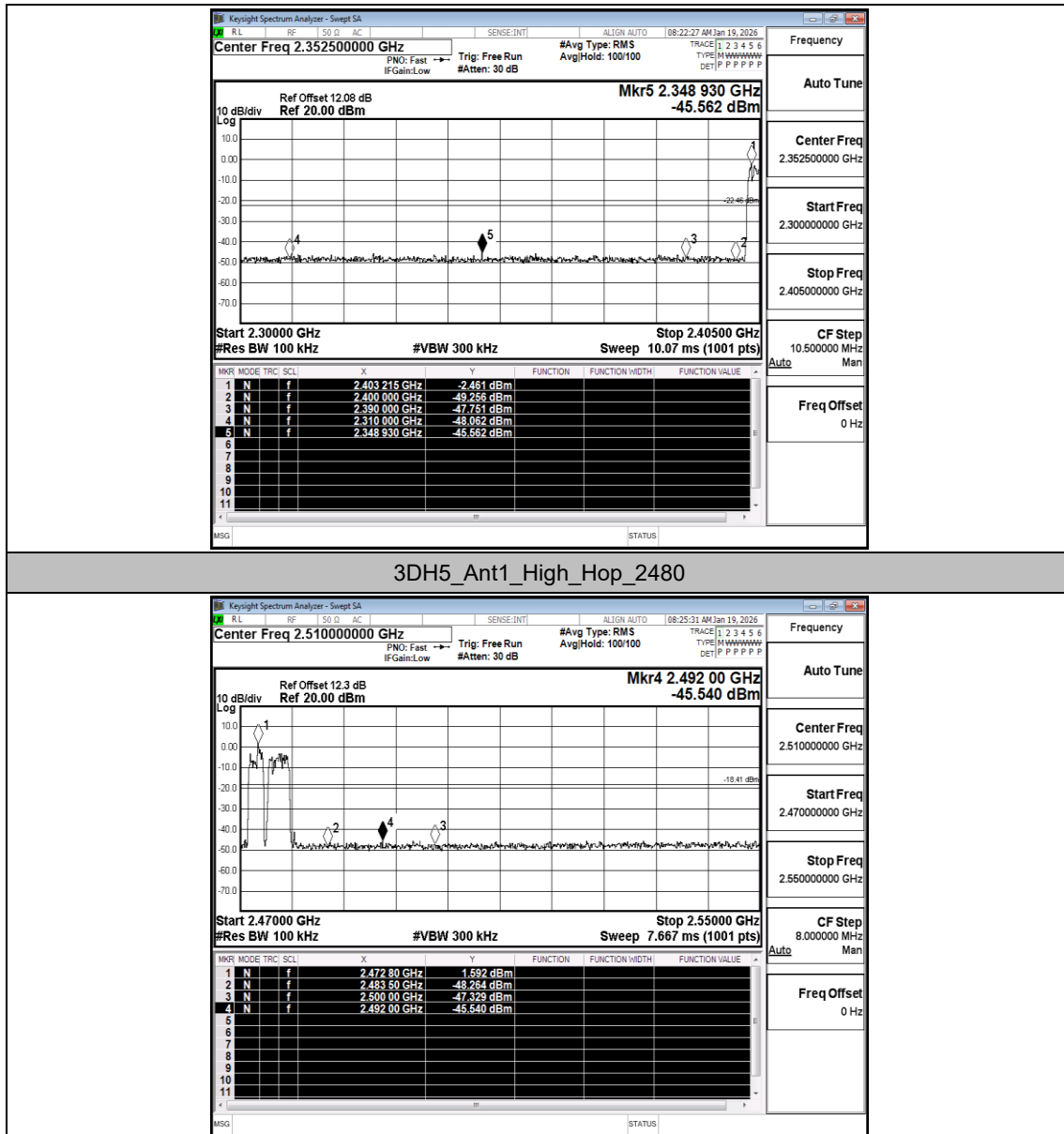
3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402

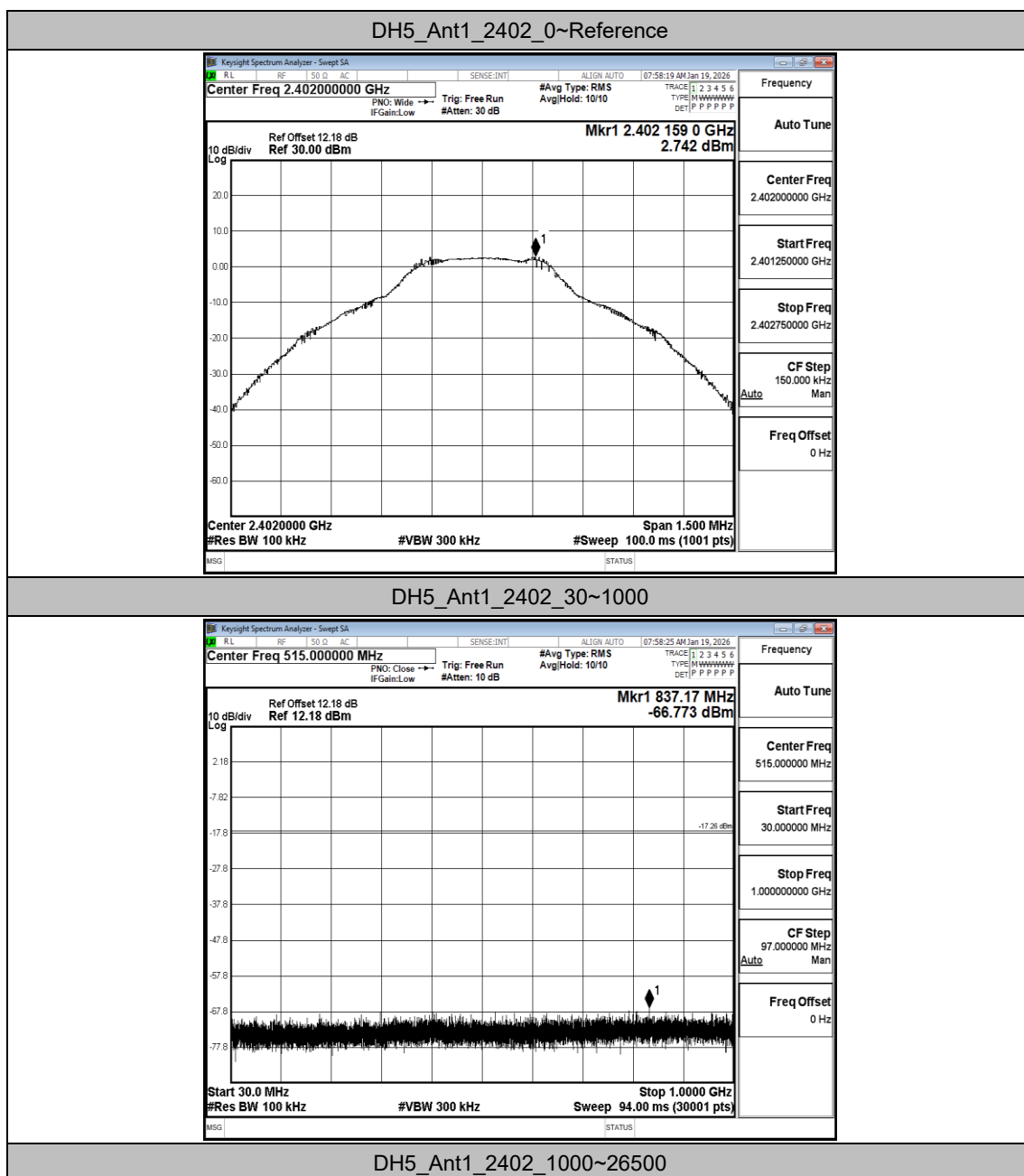


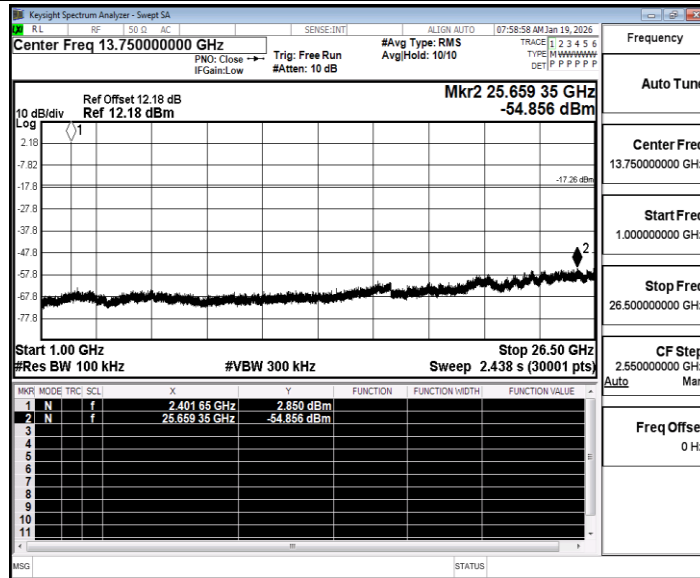
A.7 Conducted Spurious Emission

Test Result

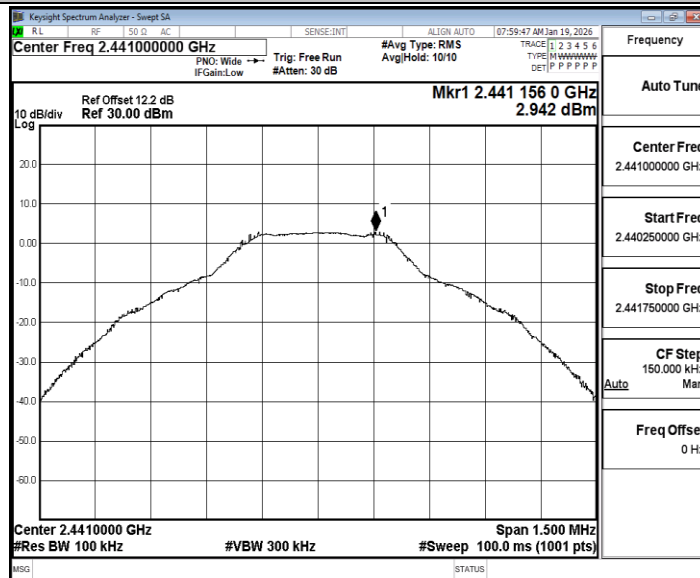
TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.74	2.74	---	PASS
			30~1000	2.74	-66.77	≤-17.26	PASS
			1000~26500	2.74	-54.86	≤-17.26	PASS
		2441	Reference	2.94	2.94	---	PASS
			30~1000	2.94	-67.43	≤-17.06	PASS
			1000~26500	2.94	-53.96	≤-17.06	PASS
		2480	Reference	3.27	3.27	---	PASS
			30~1000	3.27	-67.26	≤-16.73	PASS
			1000~26500	3.27	-55.19	≤-16.73	PASS
2DH5	Ant1	2402	Reference	2.63	2.63	---	PASS
			30~1000	2.63	-67.34	≤-17.37	PASS
			1000~26500	2.63	-55.39	≤-17.37	PASS
		2441	Reference	2.79	2.79	---	PASS
			30~1000	2.79	-66.65	≤-17.21	PASS
			1000~26500	2.79	-55.11	≤-17.21	PASS
		2480	Reference	2.84	2.84	---	PASS
			30~1000	2.84	-66.76	≤-17.16	PASS
			1000~26500	2.84	-55.04	≤-17.16	PASS
3DH5	Ant1	2402	Reference	2.61	2.61	---	PASS
			30~1000	2.61	-67.65	≤-17.39	PASS
			1000~26500	2.61	-55.29	≤-17.39	PASS
		2441	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-66.93	≤-17.2	PASS
			1000~26500	2.80	-55.11	≤-17.2	PASS
		2480	Reference	2.74	2.74	---	PASS
			30~1000	2.74	-66.41	≤-17.26	PASS
			1000~26500	2.74	-54.39	≤-17.26	PASS

Test Graphs





DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

