

Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Makeup mirror with wireless charger

Test Model: VANITY-CHRG-SPKR

Environmental Conditions

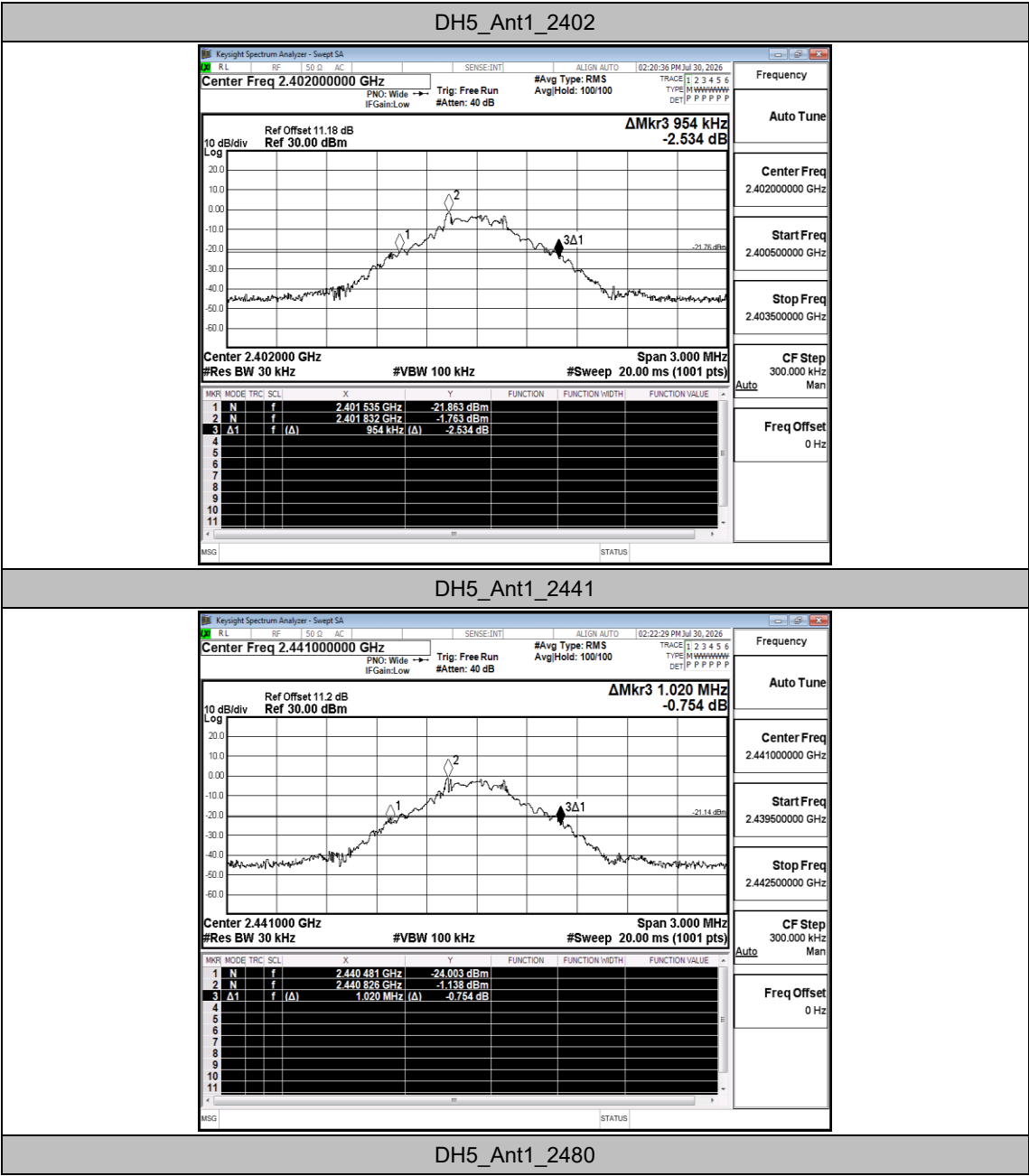
Temperature:	24.5°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang hai
Supervised by:	Fengliu Tang

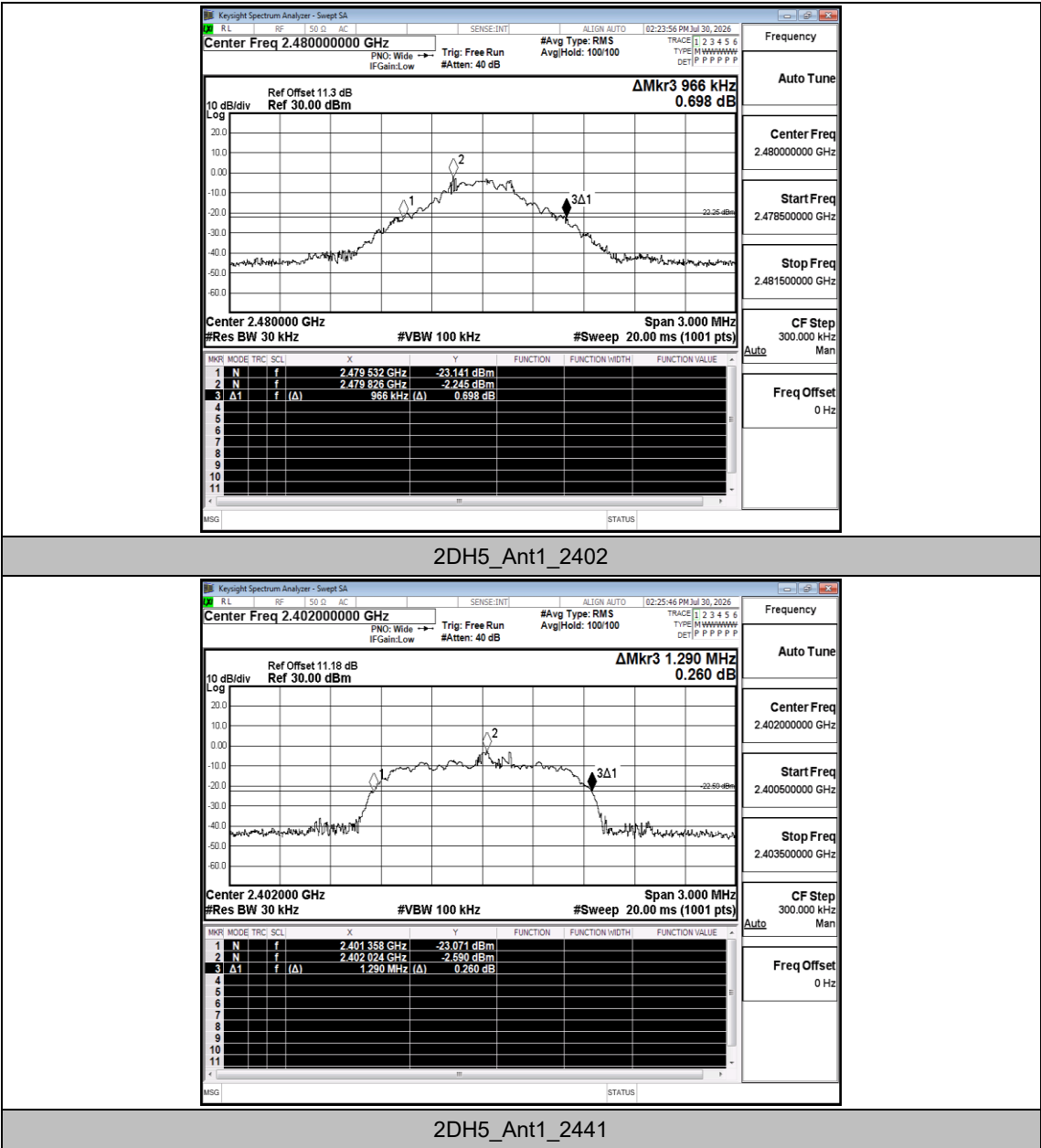
A.1 20dB Emission Bandwidth

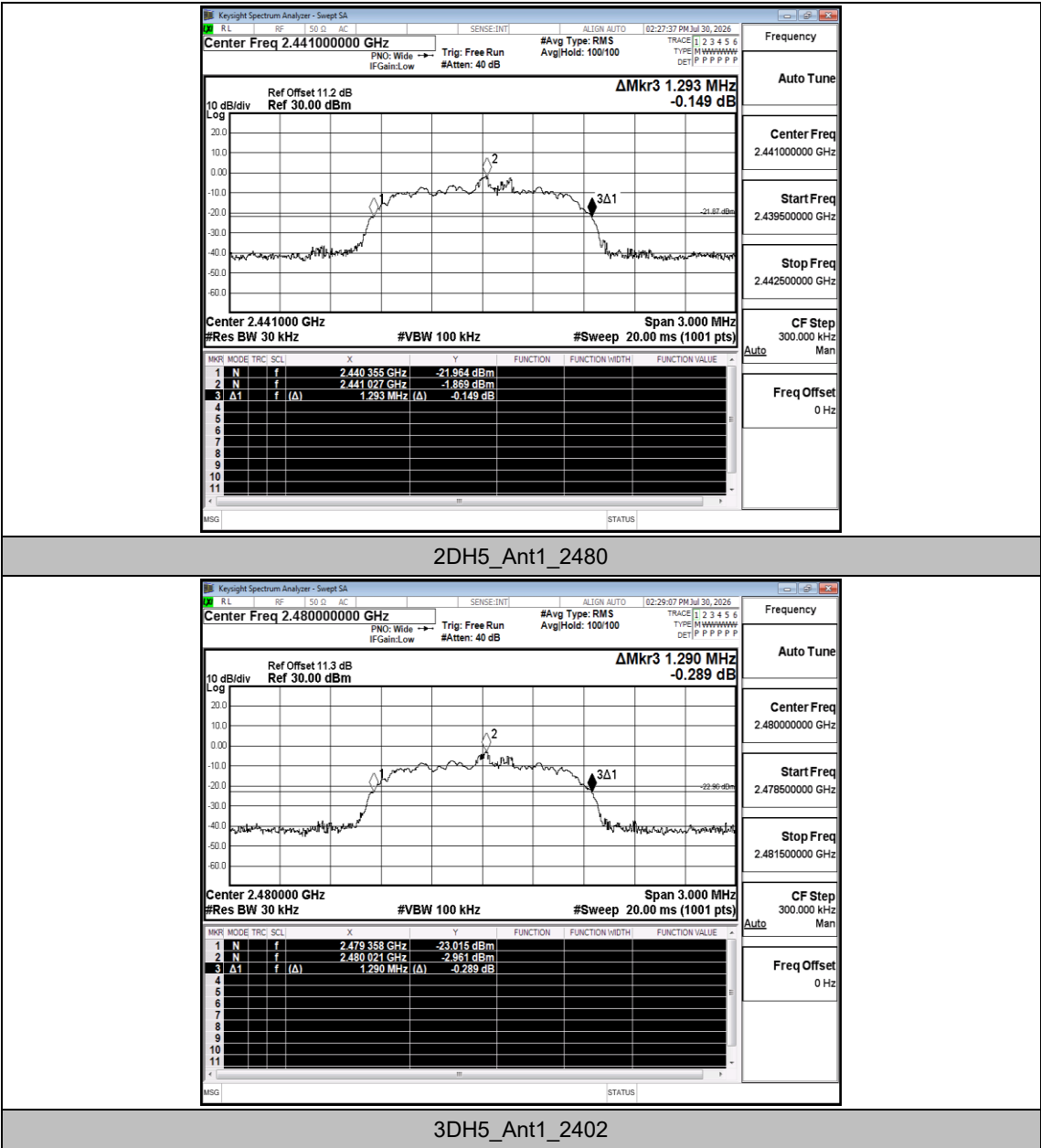
Test Result

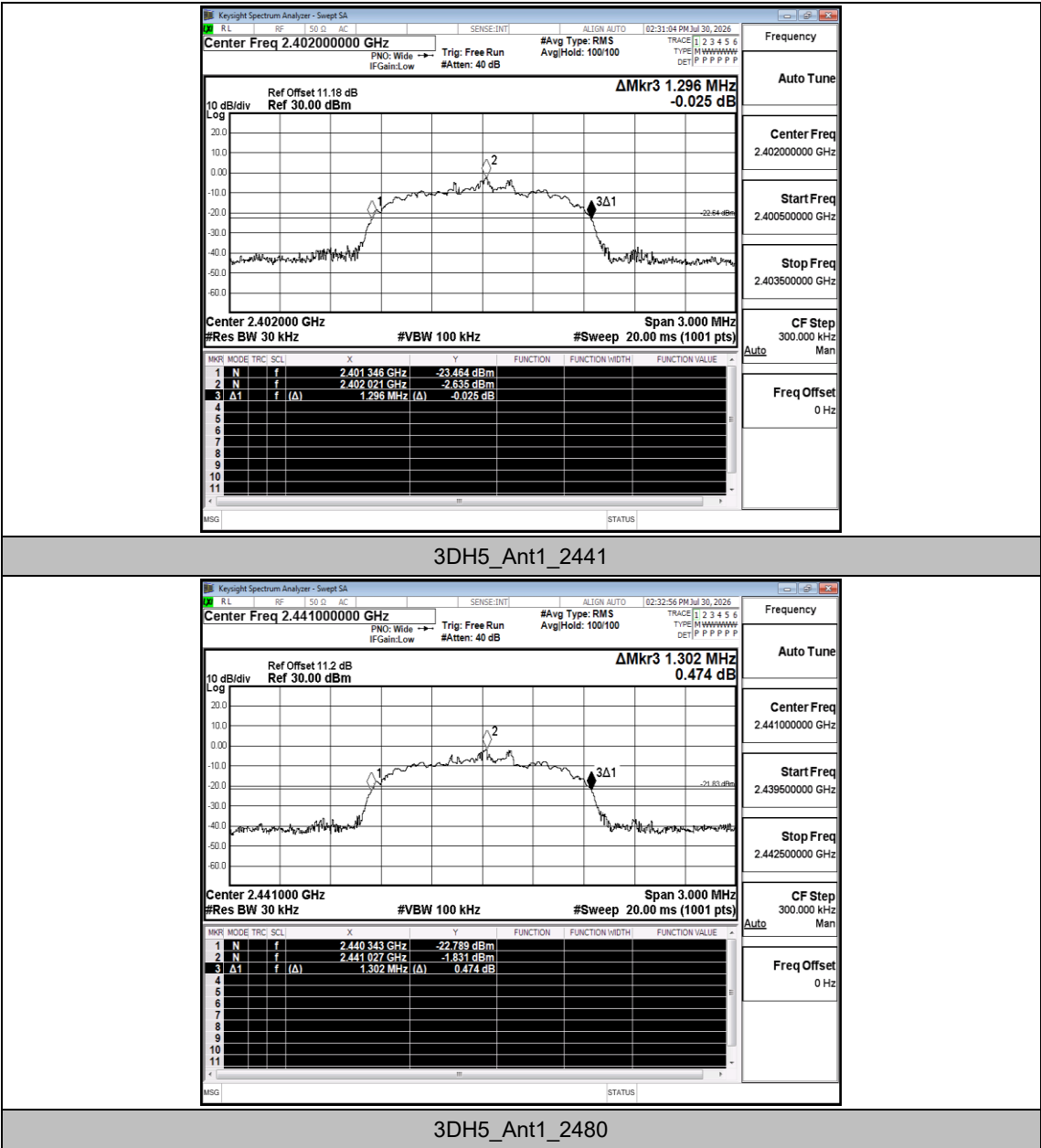
TestMode	Antenna	Freq (MHz)	20dB EBW[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
DH5	Ant1	2402	0.954	2401.535	2402.489	---	---
		2441	1.020	2440.481	2441.501	---	---
		2480	0.966	2479.532	2480.498	---	---
2DH5	Ant1	2402	1.290	2401.358	2402.648	---	---
		2441	1.293	2440.355	2441.648	---	---
		2480	1.290	2479.358	2480.648	---	---
3DH5	Ant1	2402	1.296	2401.346	2402.642	---	---
		2441	1.302	2440.343	2441.645	---	---
		2480	1.296	2479.346	2480.642	---	---

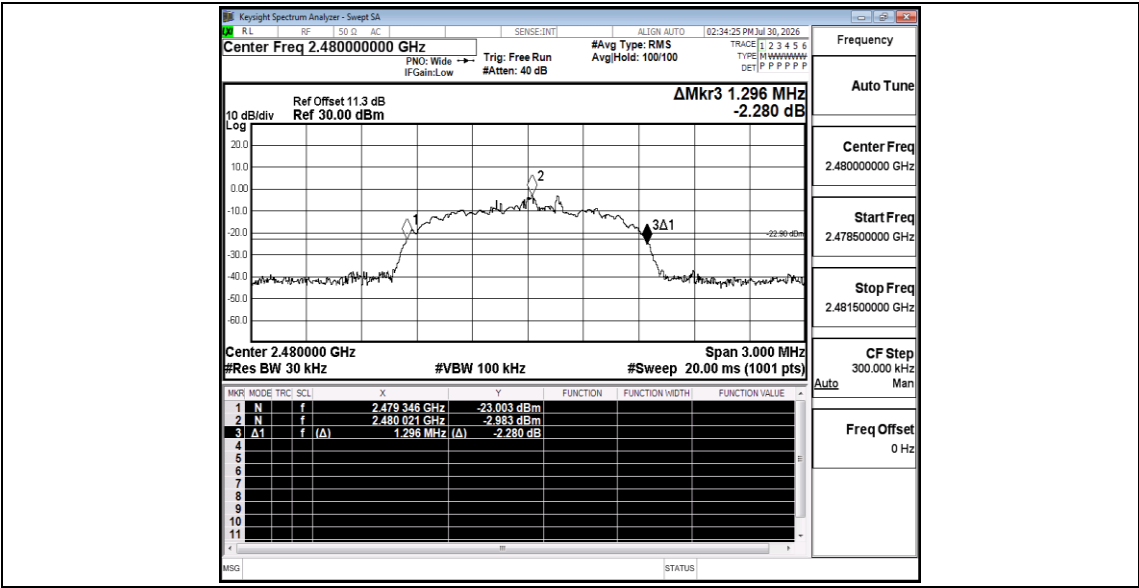
Test Graphs









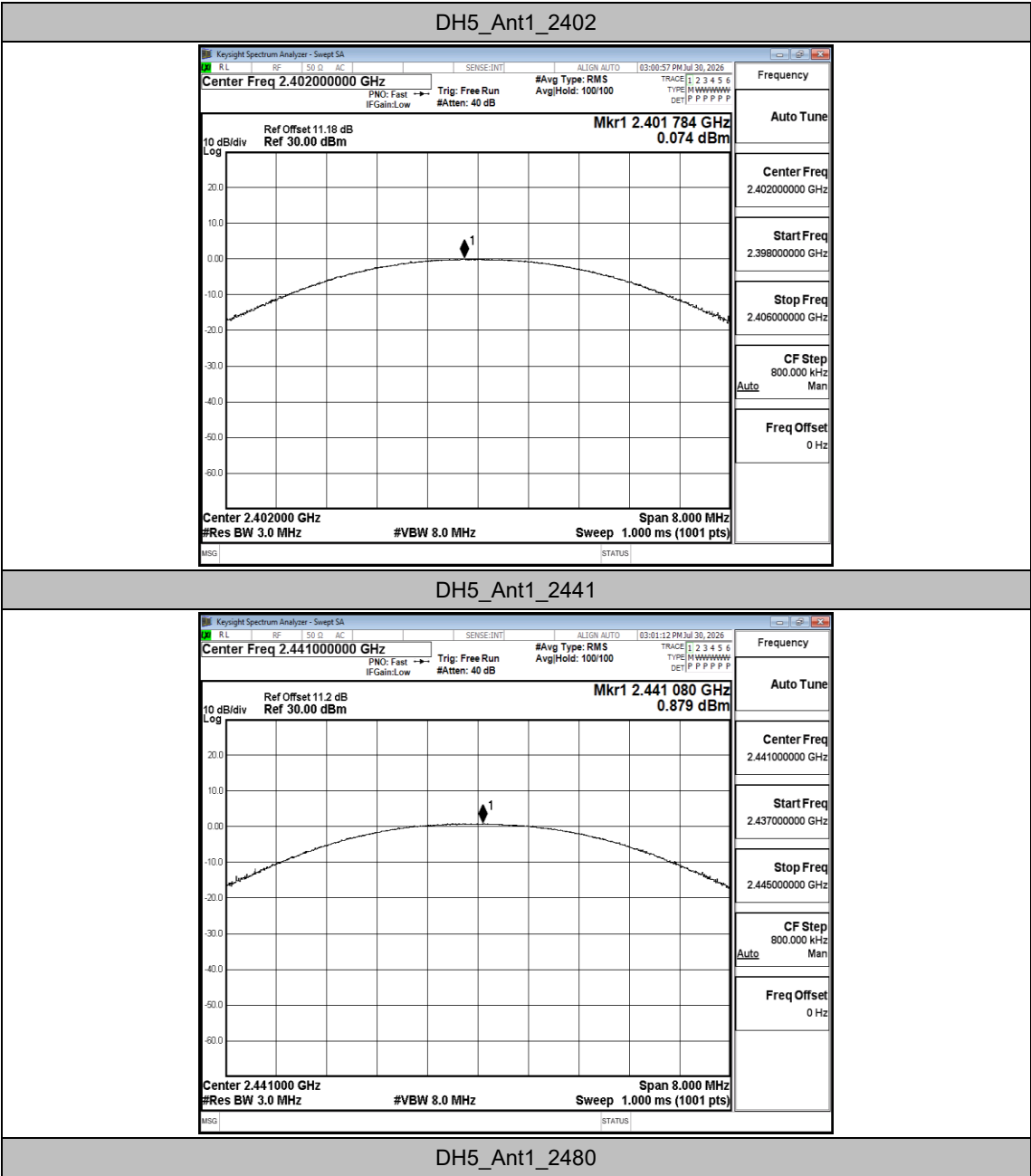


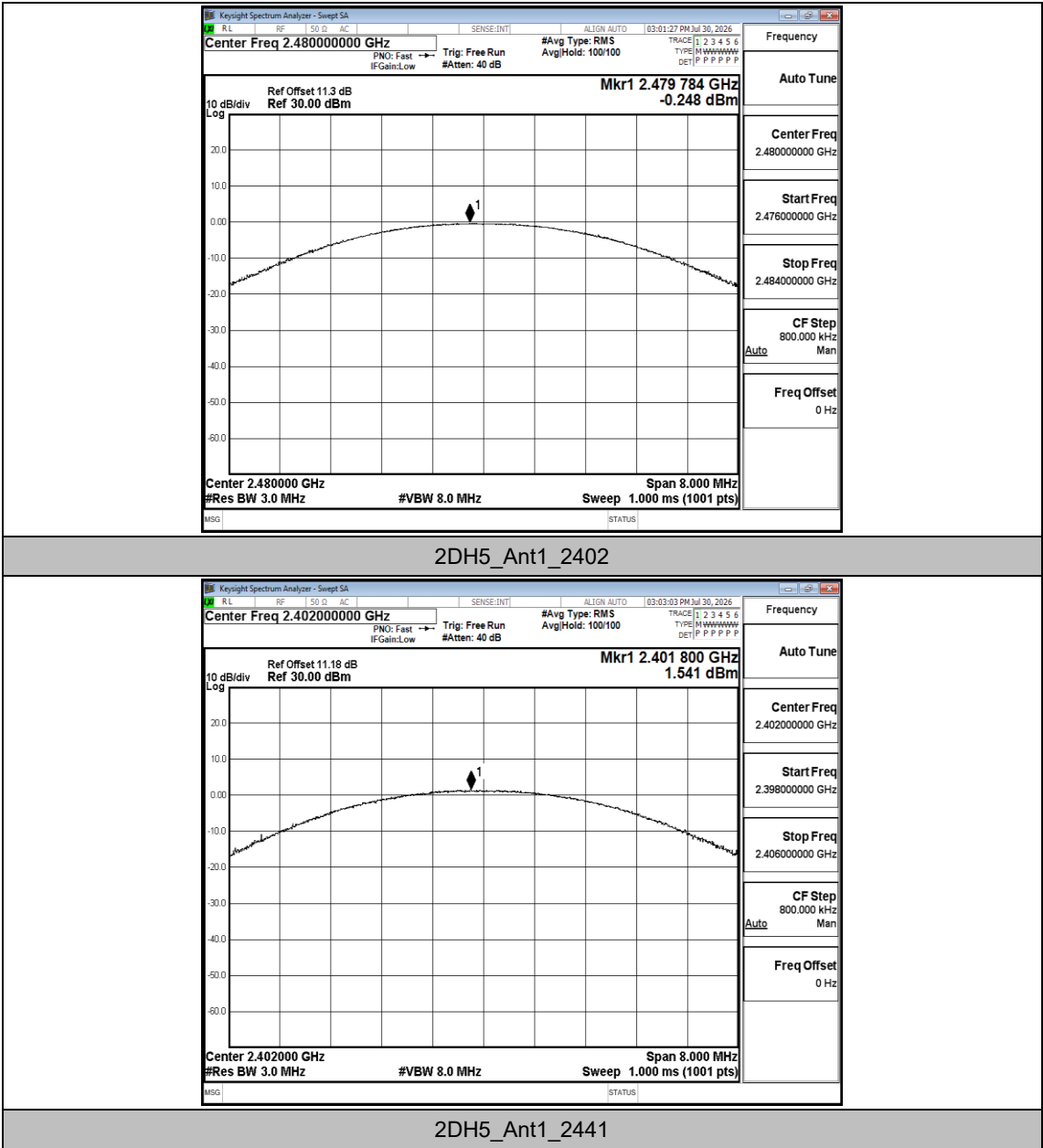
A.2 Maximum Peak conducted output power

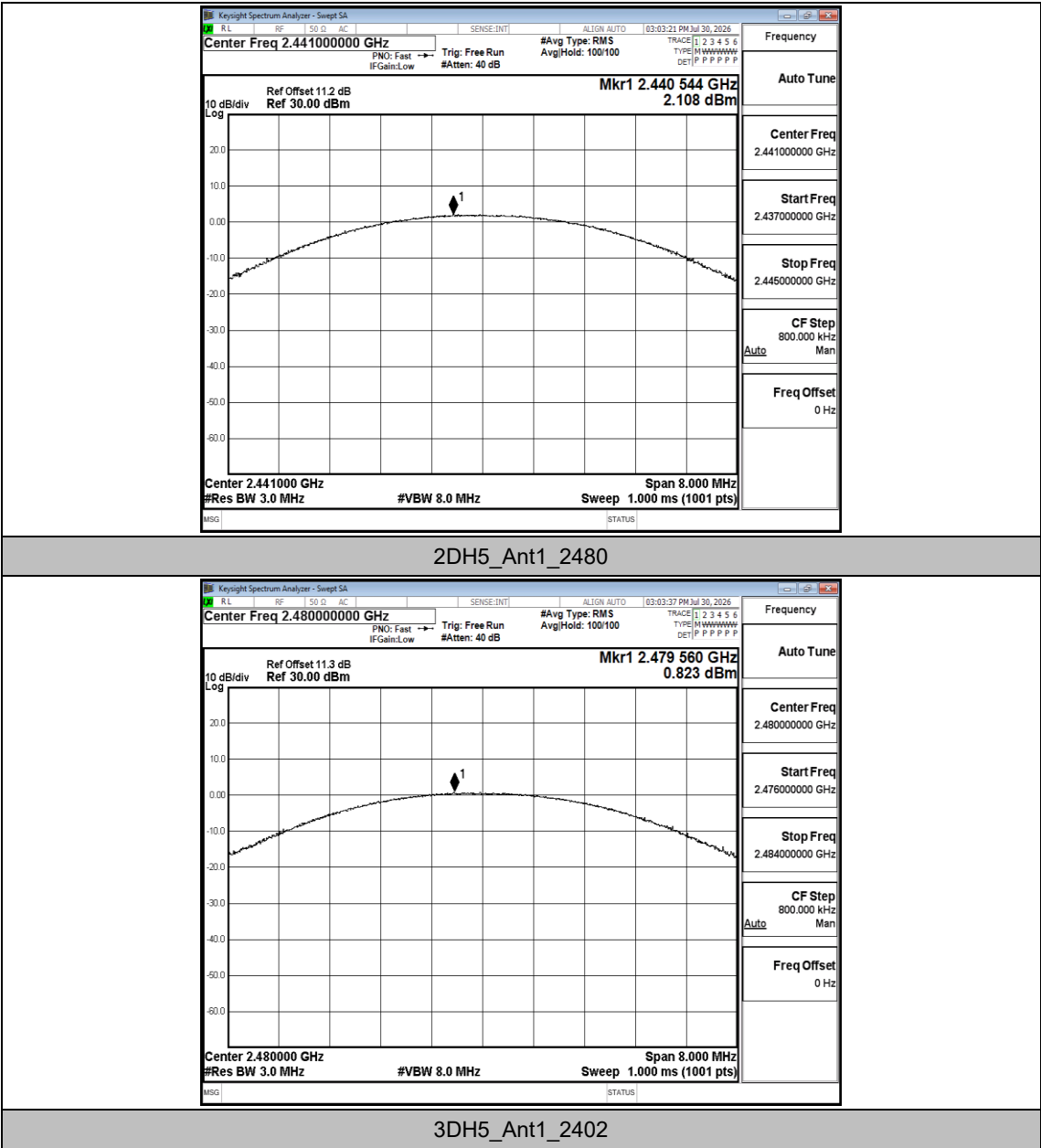
Test Result

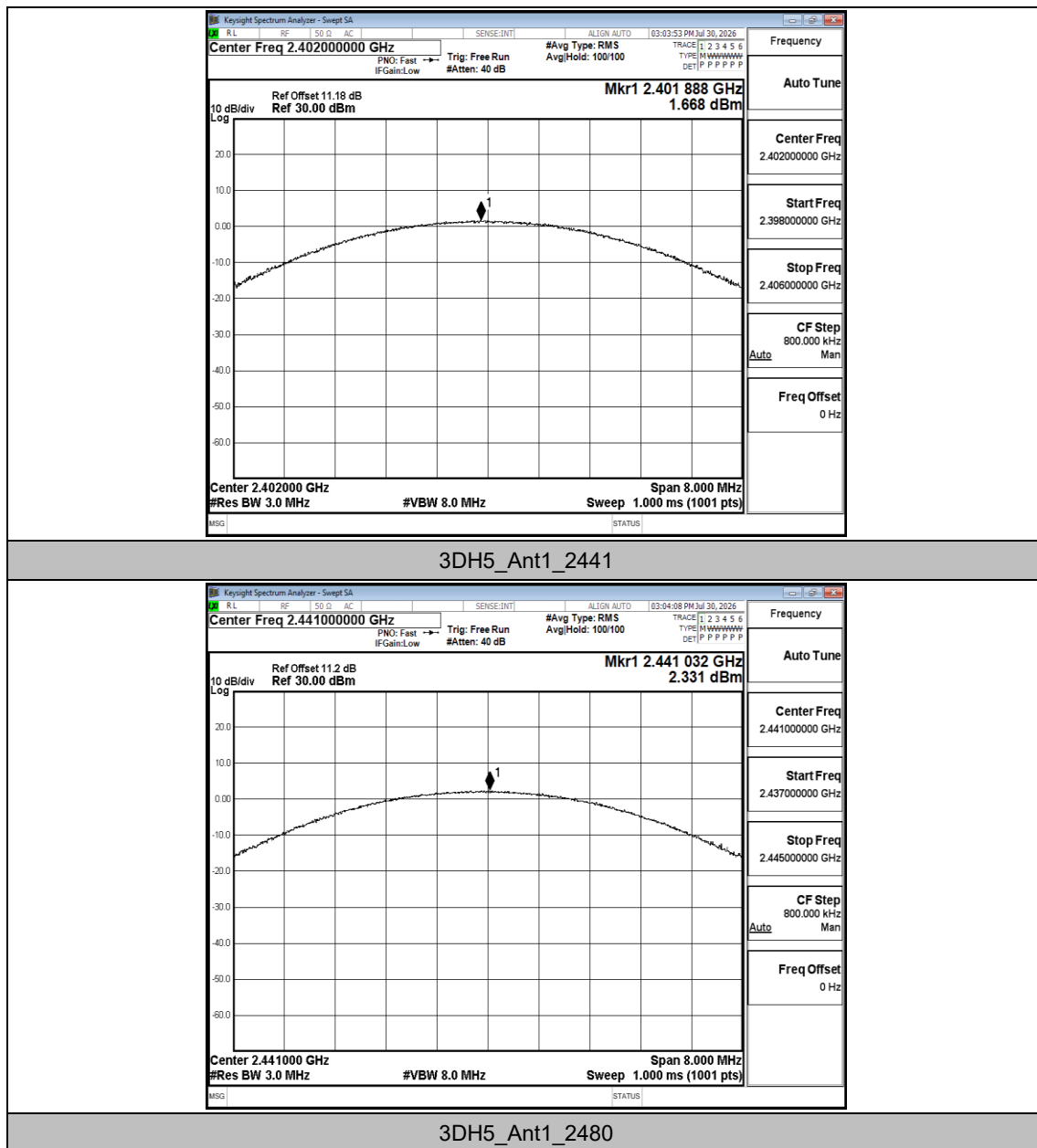
TestMode	Antenna	Freq (MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.07	≤20.97	PASS
		2441	0.88	≤20.97	PASS
		2480	-0.25	≤20.97	PASS
2DH5	Ant1	2402	1.54	≤20.97	PASS
		2441	2.11	≤20.97	PASS
		2480	0.82	≤20.97	PASS
3DH5	Ant1	2402	1.67	≤30	PASS
		2441	2.33	≤30	PASS
		2480	0.80	≤30	PASS

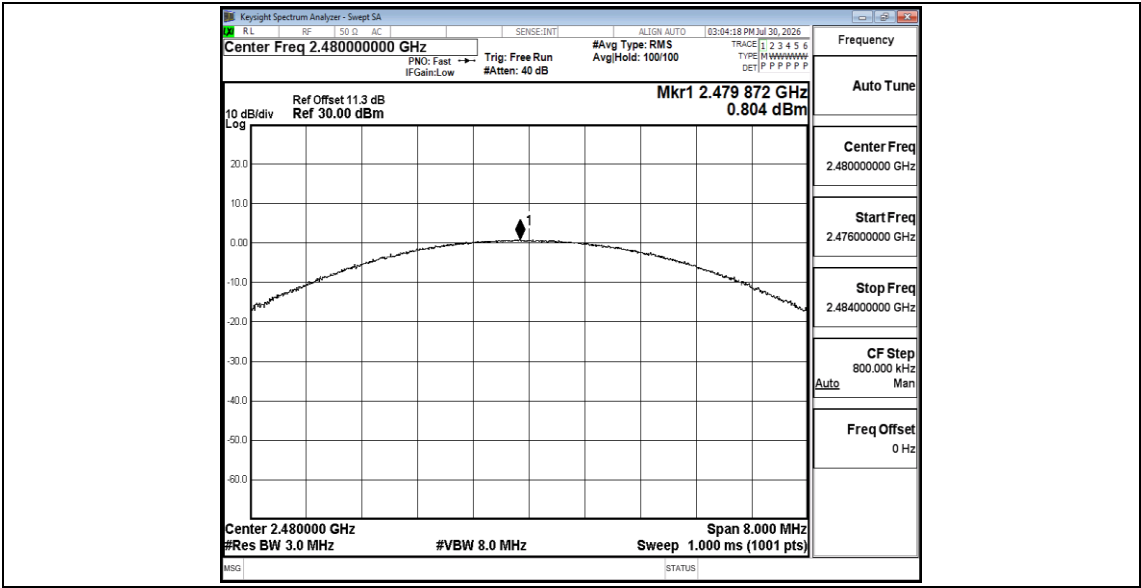
Test Graphs









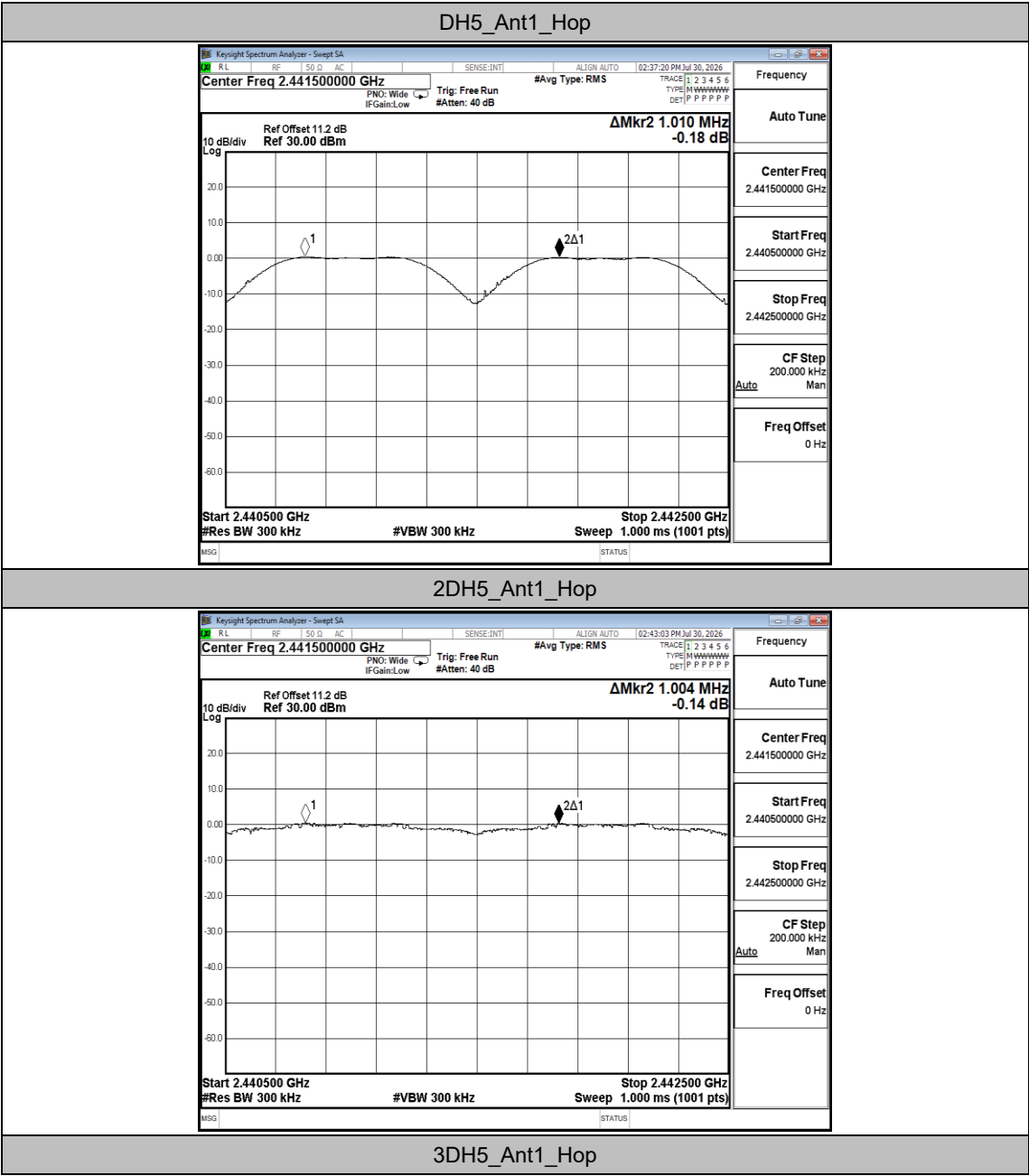


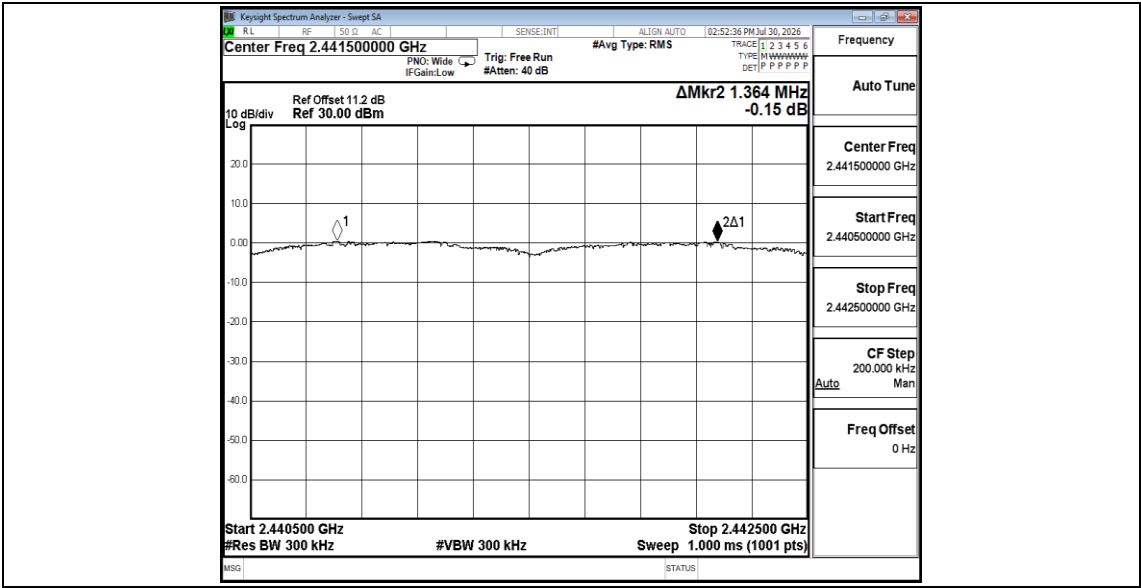
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
DH5	Ant1	Hop	1.01	≥0.680	PASS
2DH5	Ant1	Hop	1.004	≥0.862	PASS
3DH5	Ant1	Hop	1.364	≥0.868	PASS

Test Graphs



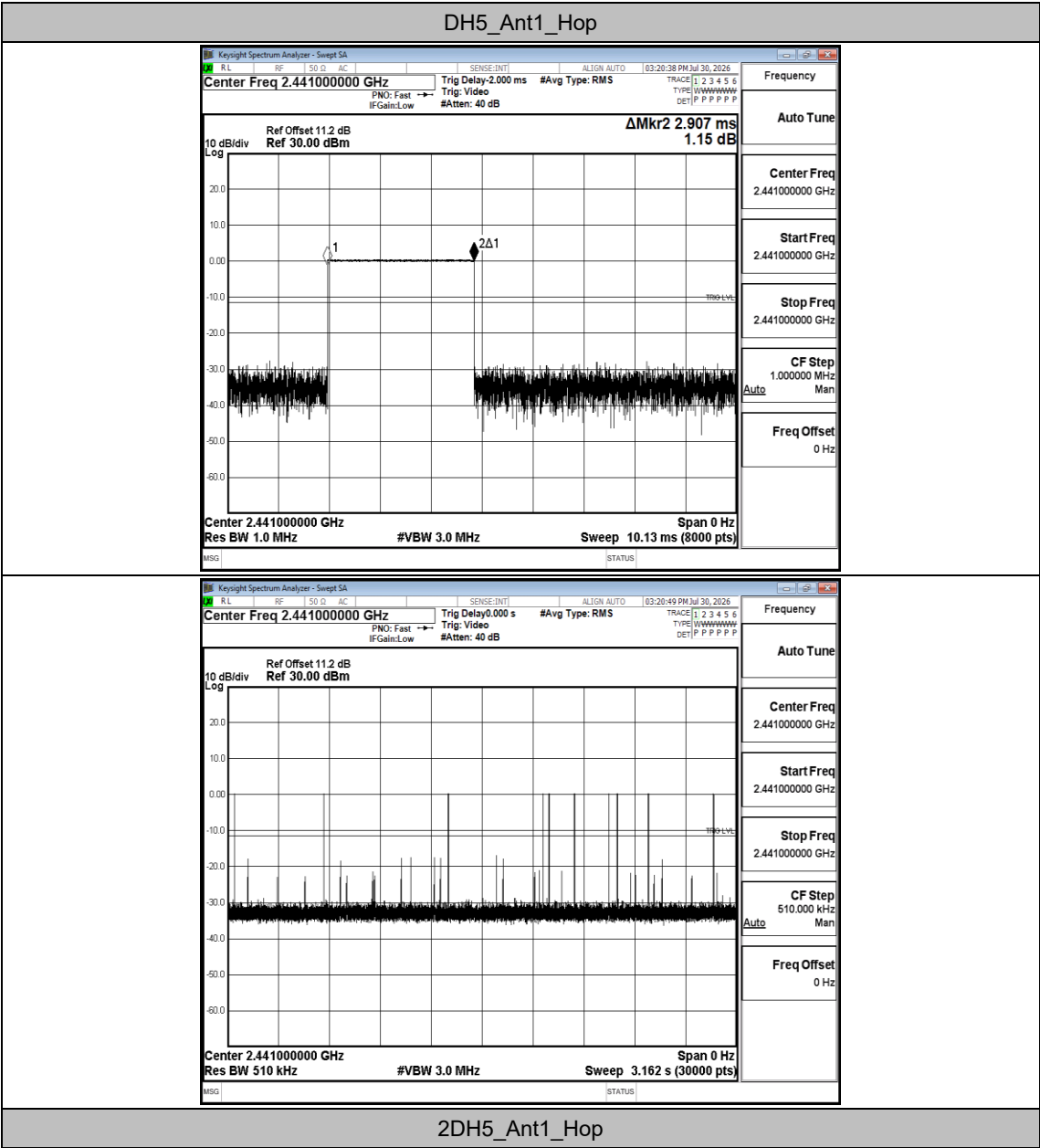


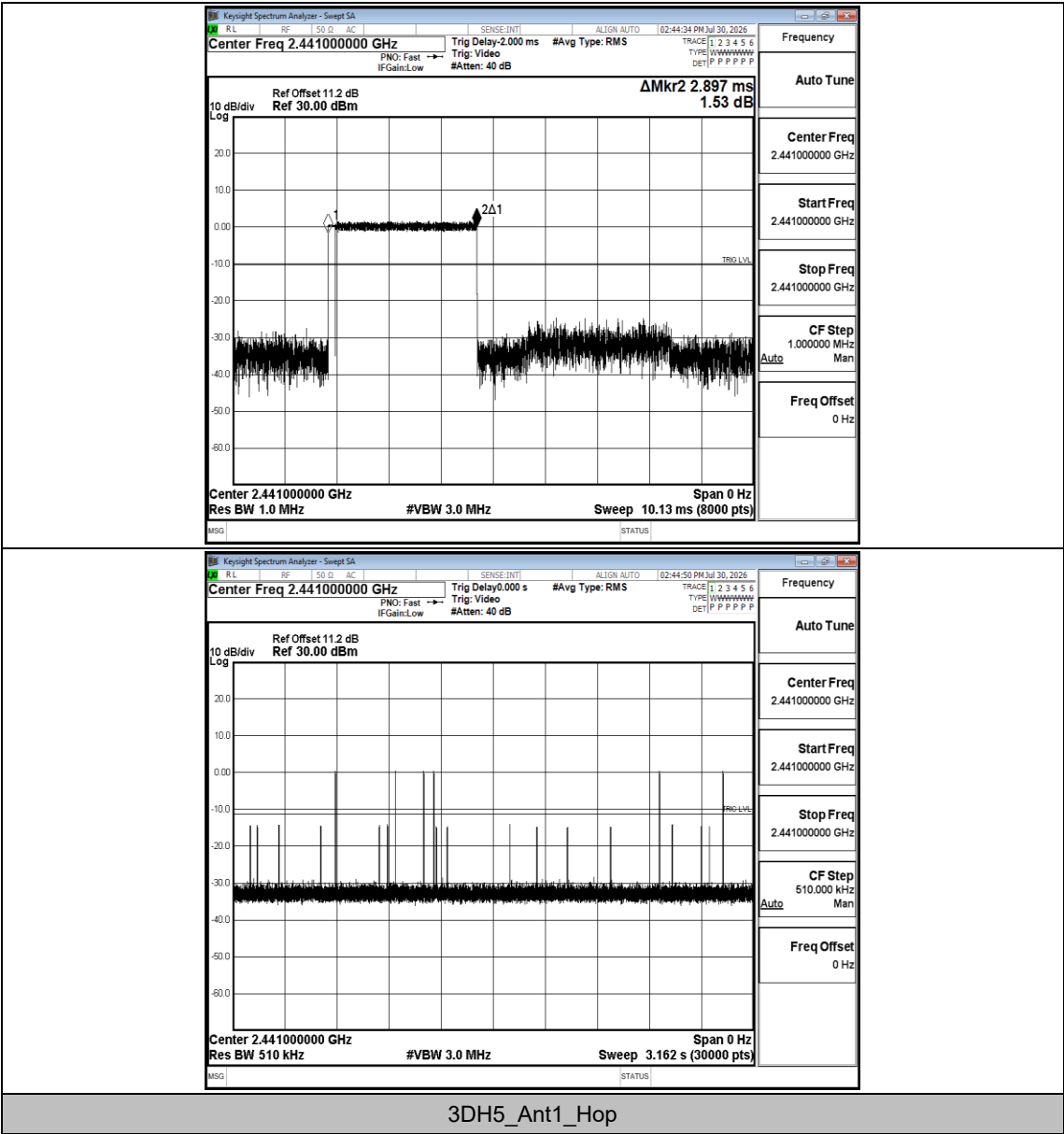
A.4 Time of occupancy

Test Result

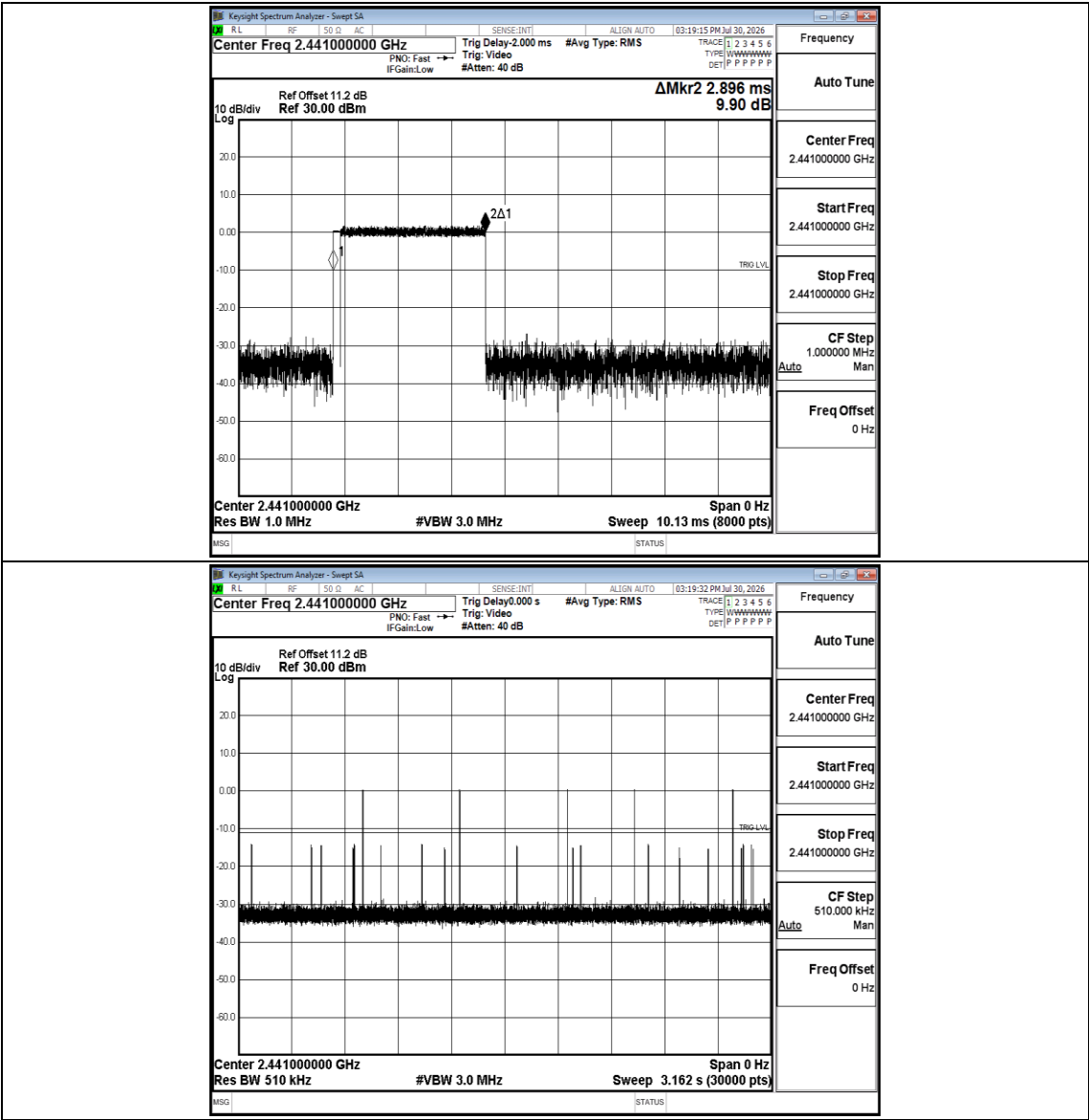
TestMode	Antenna	Freq (MHz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.907	110	0.32	≤0.4	PASS
2DH5	Ant1	Hop	2.897	70	0.203	≤0.4	PASS
3DH5	Ant1	Hop	2.896	60	0.174	≤0.4	PASS

Test Graphs





3DH5_Ant1_Hop

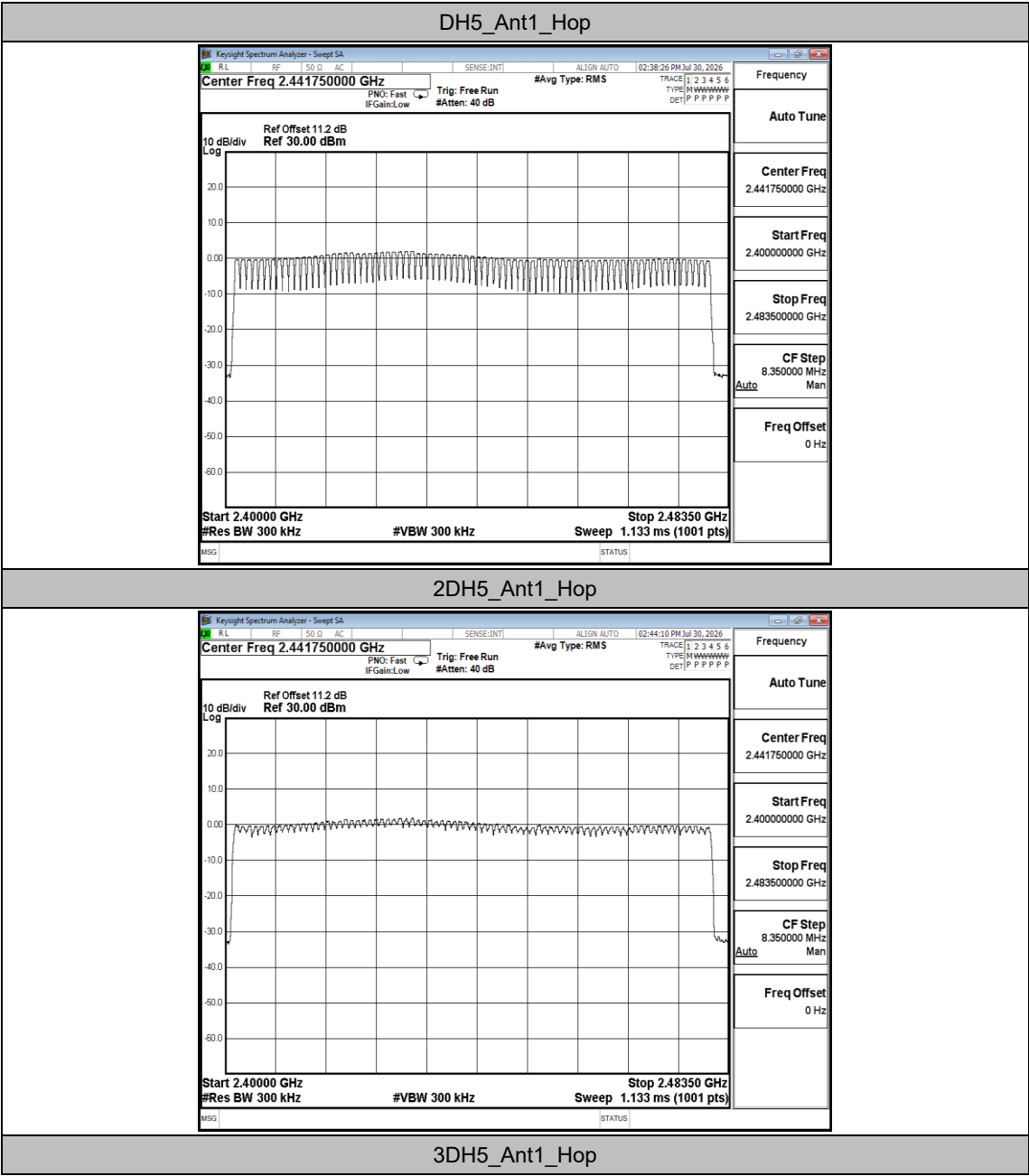


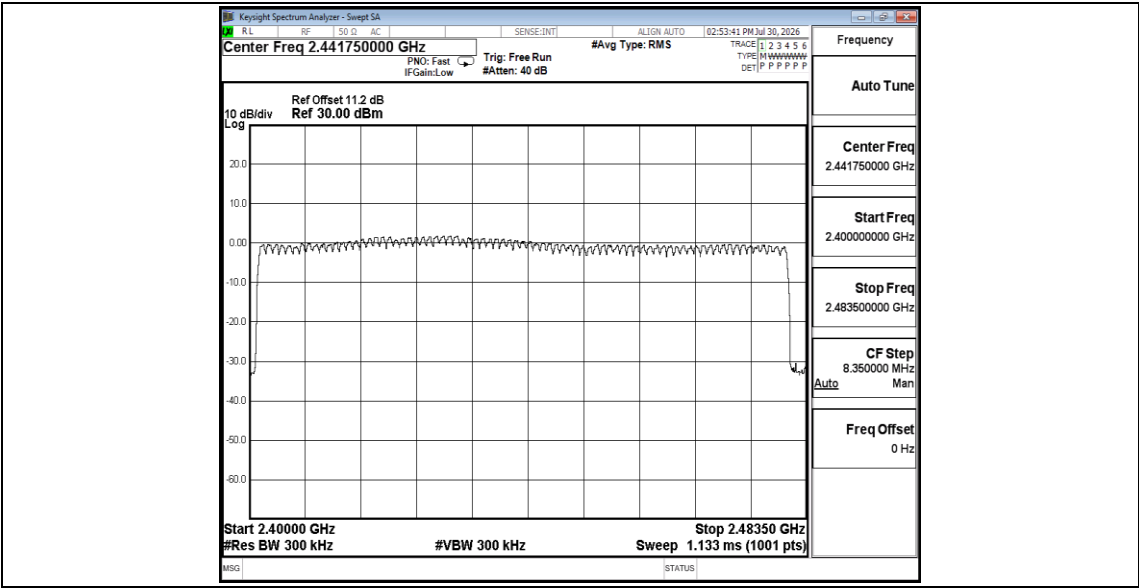
A.5 Number of hopping channels

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



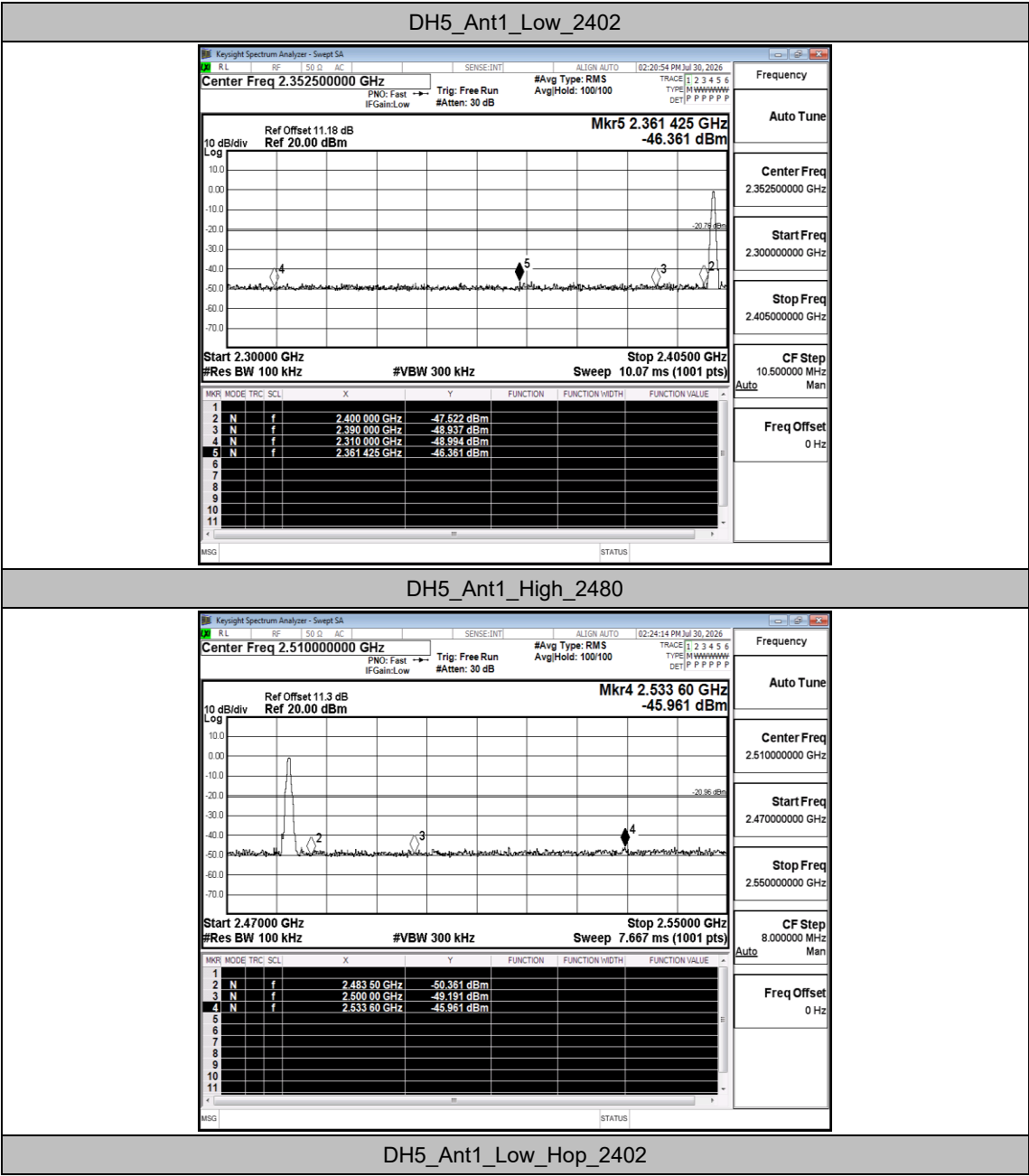


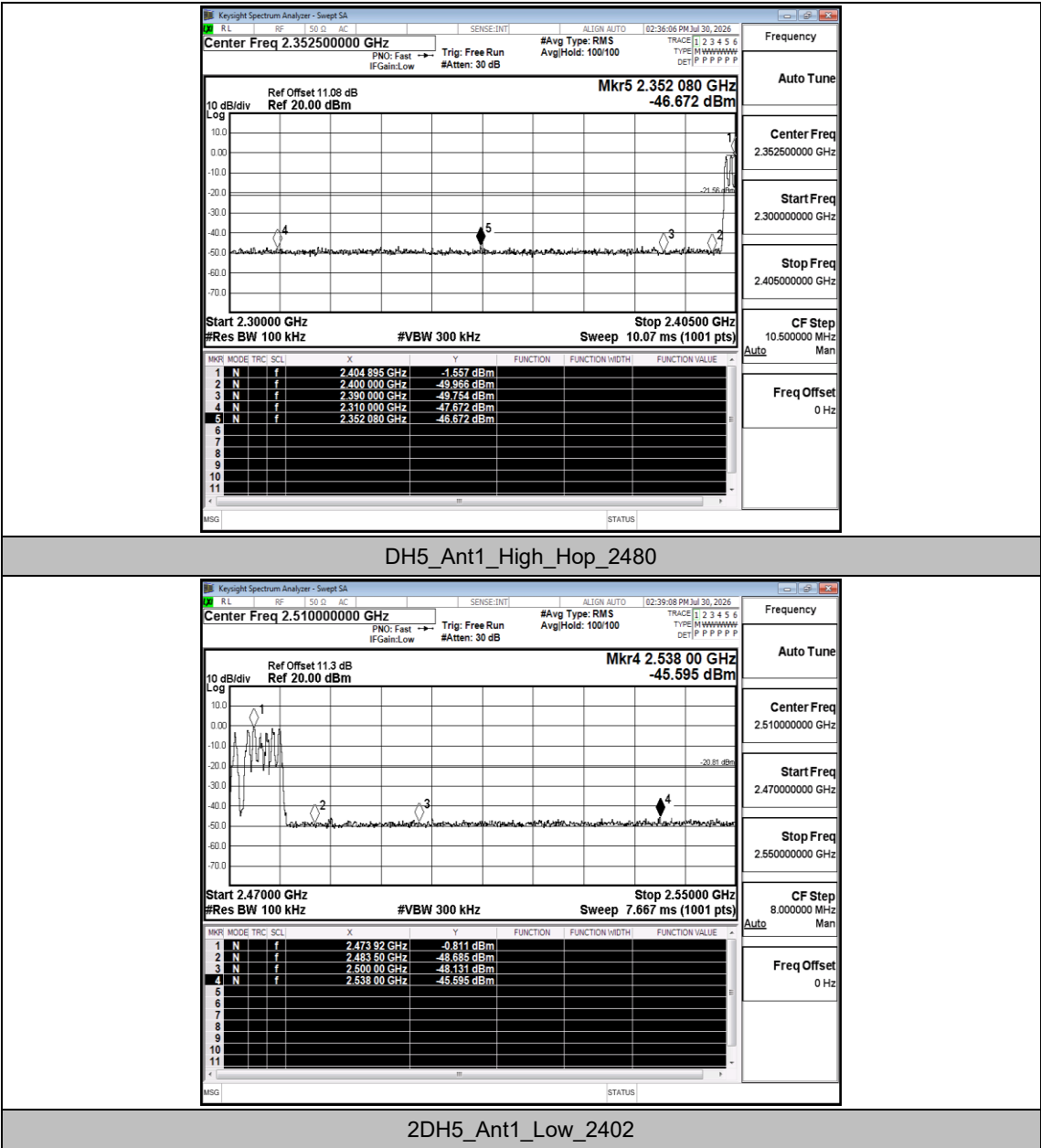
A.6 Band edge measurements

Test Result

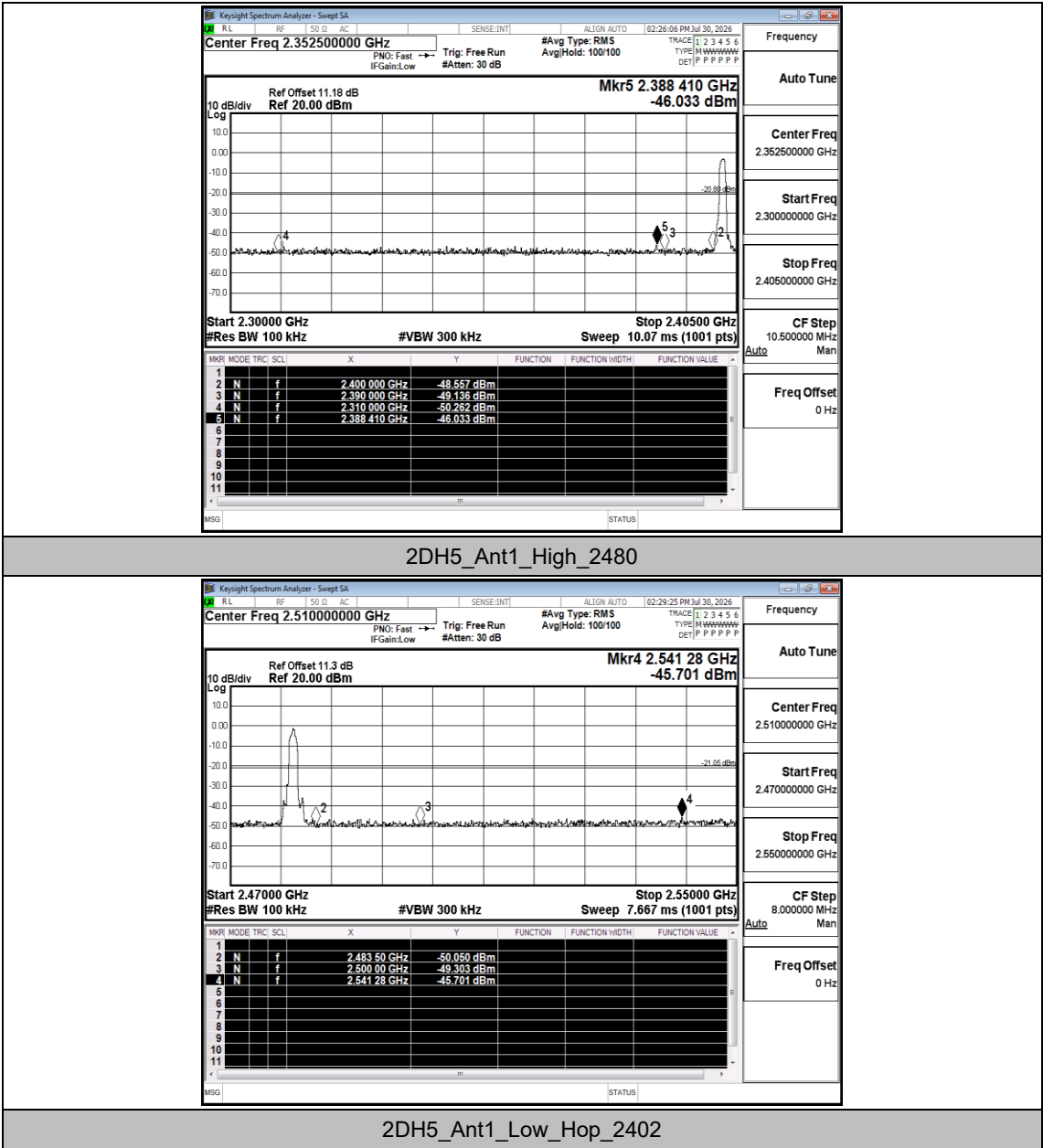
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-0.76	-46.36	≤ -20.76	PASS
		High	2480	-0.96	-45.96	≤ -20.96	PASS
		Low	Hop_2402	-1.56	-46.67	≤ -21.56	PASS
		High	Hop_2480	-0.81	-45.6	≤ -20.81	PASS
2DH5	Ant1	Low	2402	-0.80	-46.03	≤ -20.8	PASS
		High	2480	-1.05	-45.7	≤ -21.05	PASS
		Low	Hop_2402	-4.89	-47	≤ -24.89	PASS
		High	Hop_2480	-3.41	-45.97	≤ -23.41	PASS
3DH5	Ant1	Low	2402	-2.98	-46.34	≤ -22.98	PASS
		High	2480	-1.12	-45.72	≤ -21.12	PASS
		Low	Hop_2402	-5.89	-46.56	≤ -25.89	PASS
		High	Hop_2480	-5.57	-45.6	≤ -25.57	PASS

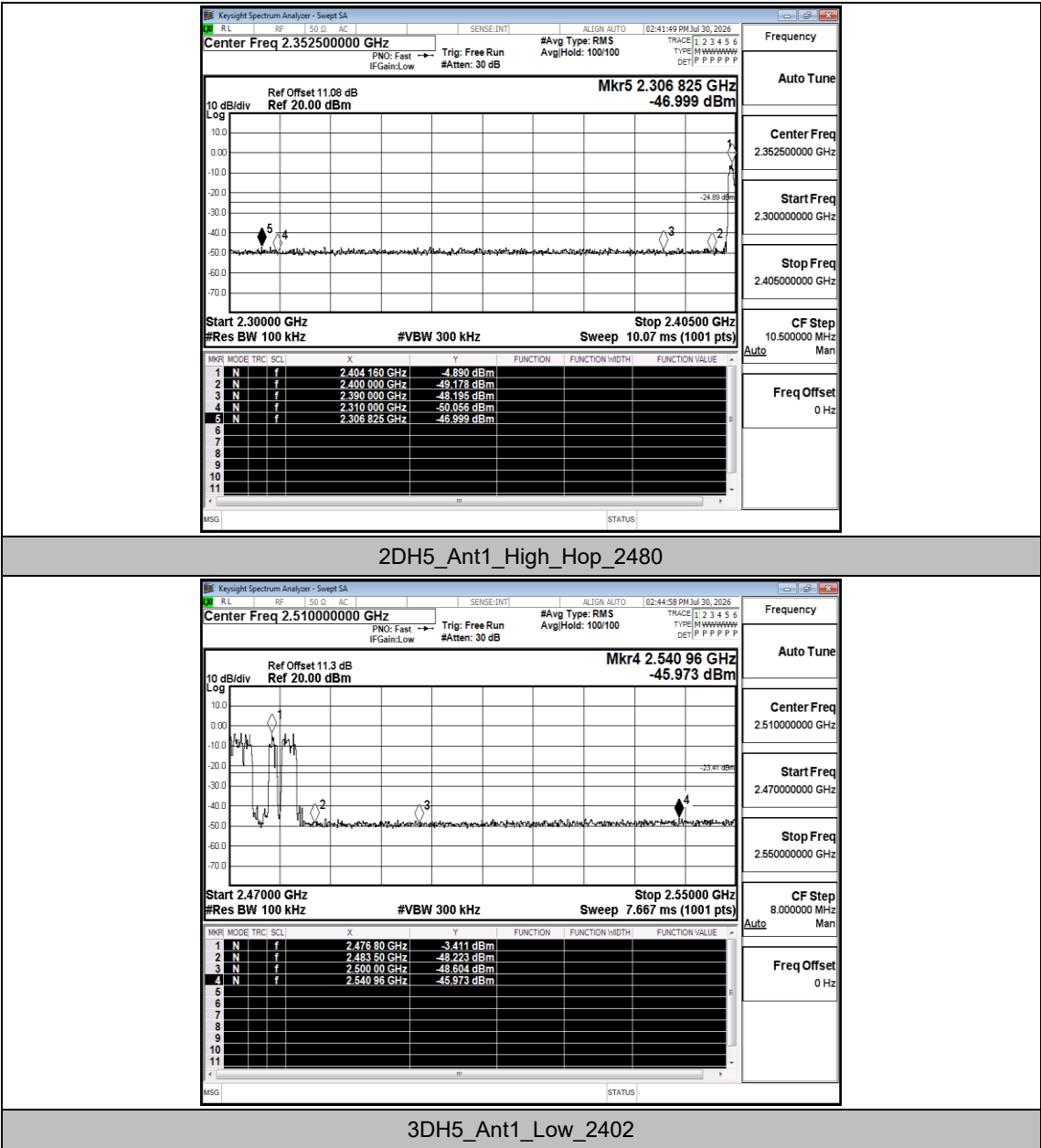
Test Graphs



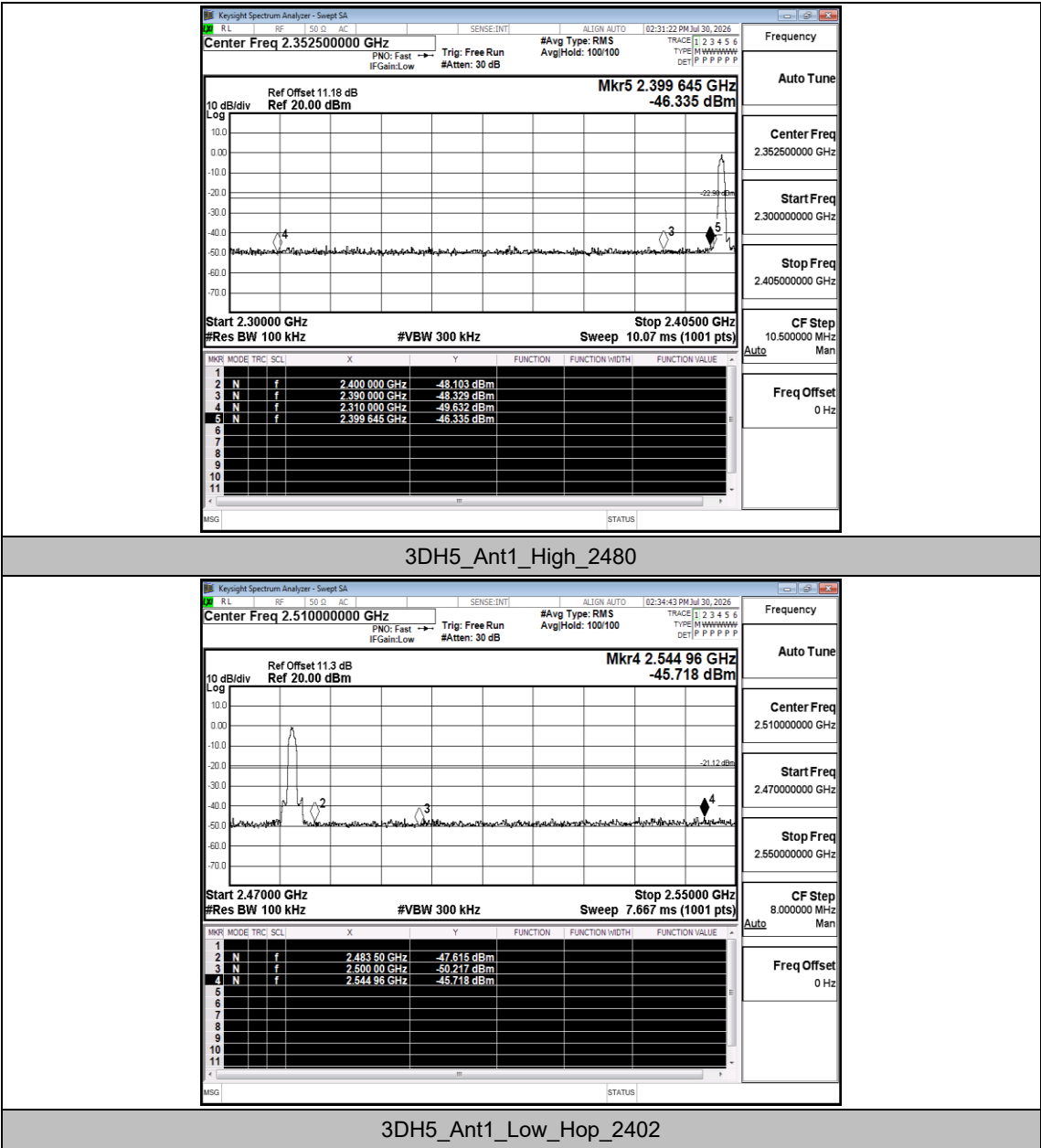


2DH5_Ant1_Low_2402

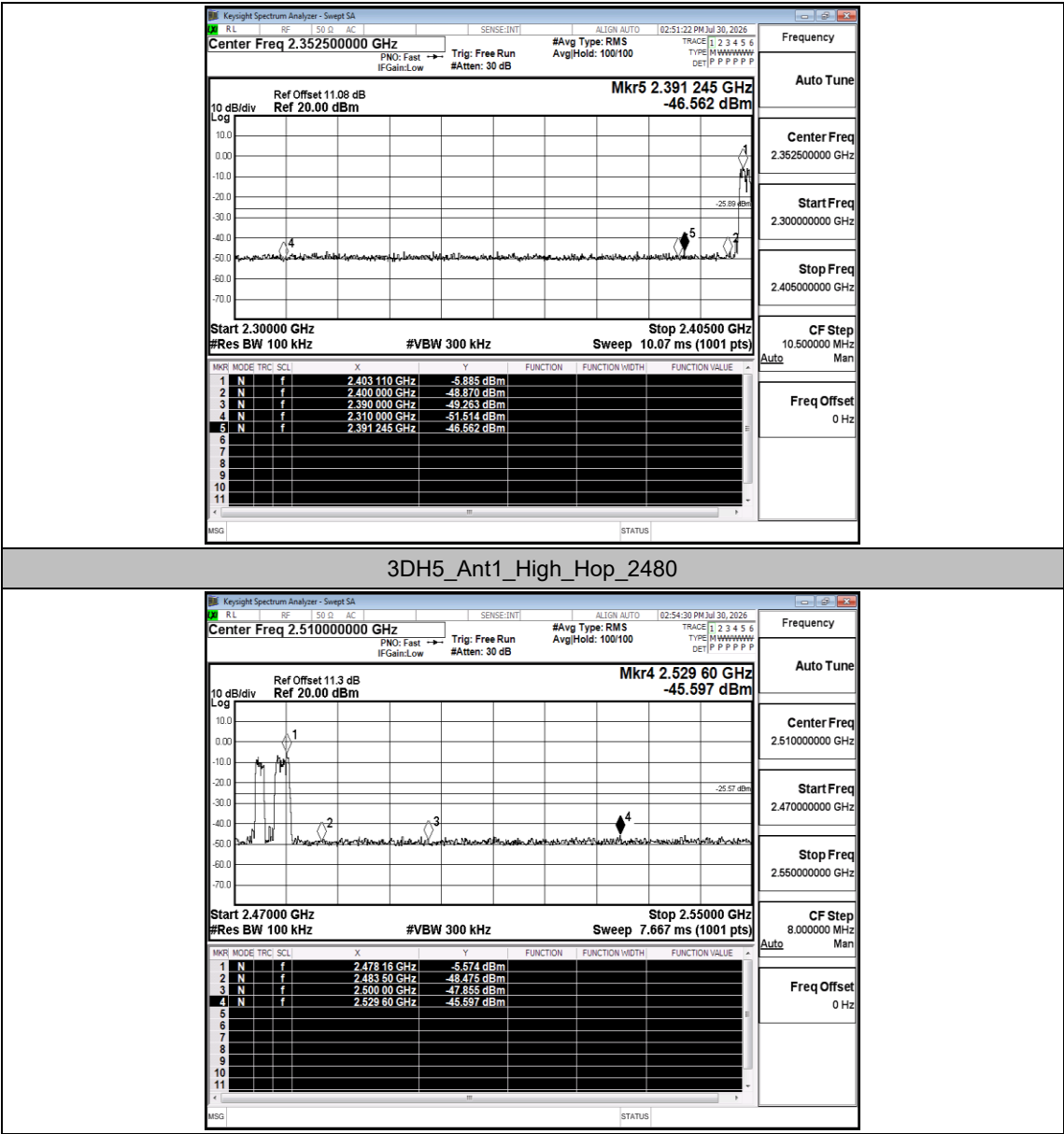




3DH5_Ant1_Low_2402



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480

KeySight Spectrum Analyzer - Sweep SA

RL

RF 150.0 AC

SENSE:INT

ALIGN AUTO

02:54:30 PM Jul 30, 2026

Center Freq 2.510000000 GHz

PNO: Fast IFGain:Low

Trig: Free Run #Atten: 30 dB

#Avg Type: RMS AvgHld: 100/100

TRACE 1 2 3 4 5 6

TYPE: M W W W W W W W

DET: P P P P P P P

Frequency

Auto Tune

Center Freq 2.510000000 GHz

Start Freq 2.470000000 GHz

Stop Freq 2.550000000 GHz

CF Step 8.000000 MHz

Auto Man

Freq Offset 0 Hz

10 dB/div

Log

Ref Offset 11.3 dB

Ref 20.00 dBm

Mkr4 2.529 60 GHz

-45.597 dBm

Start 2.47000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Sweep 7.667 ms (1001 pts)

1

2

3

4

5

6

7

8

9

10

11

MSG

STATUS

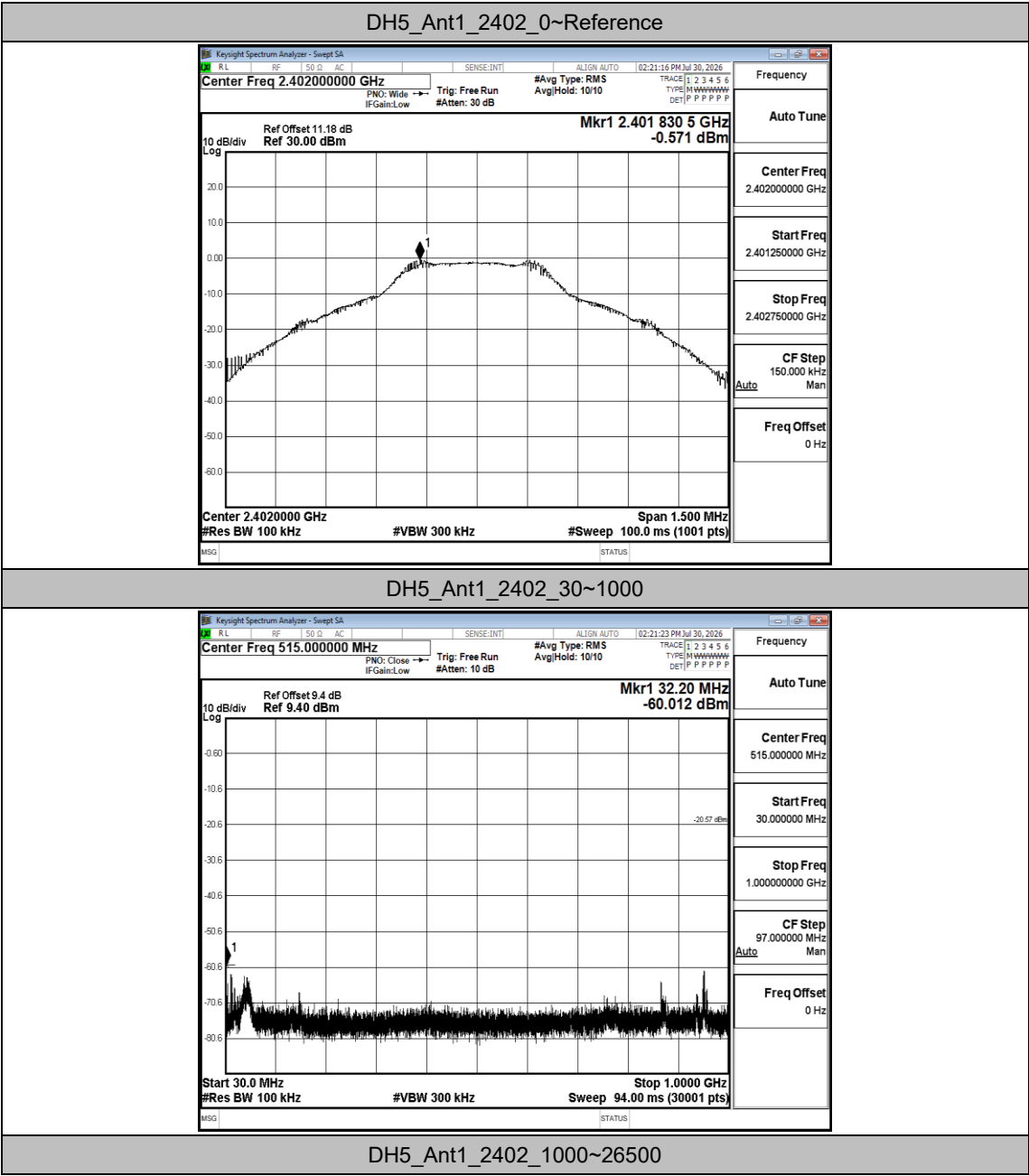
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.478 16 GHz	-5.574 dBm			
2	N	f		2.483 50 GHz	-49.475 dBm			
3	N	f		2.500 00 GHz	-47.855 dBm			
4	N	f		2.529 60 GHz	-45.597 dBm			
5								
6								
7								
8								
9								
10								
11								

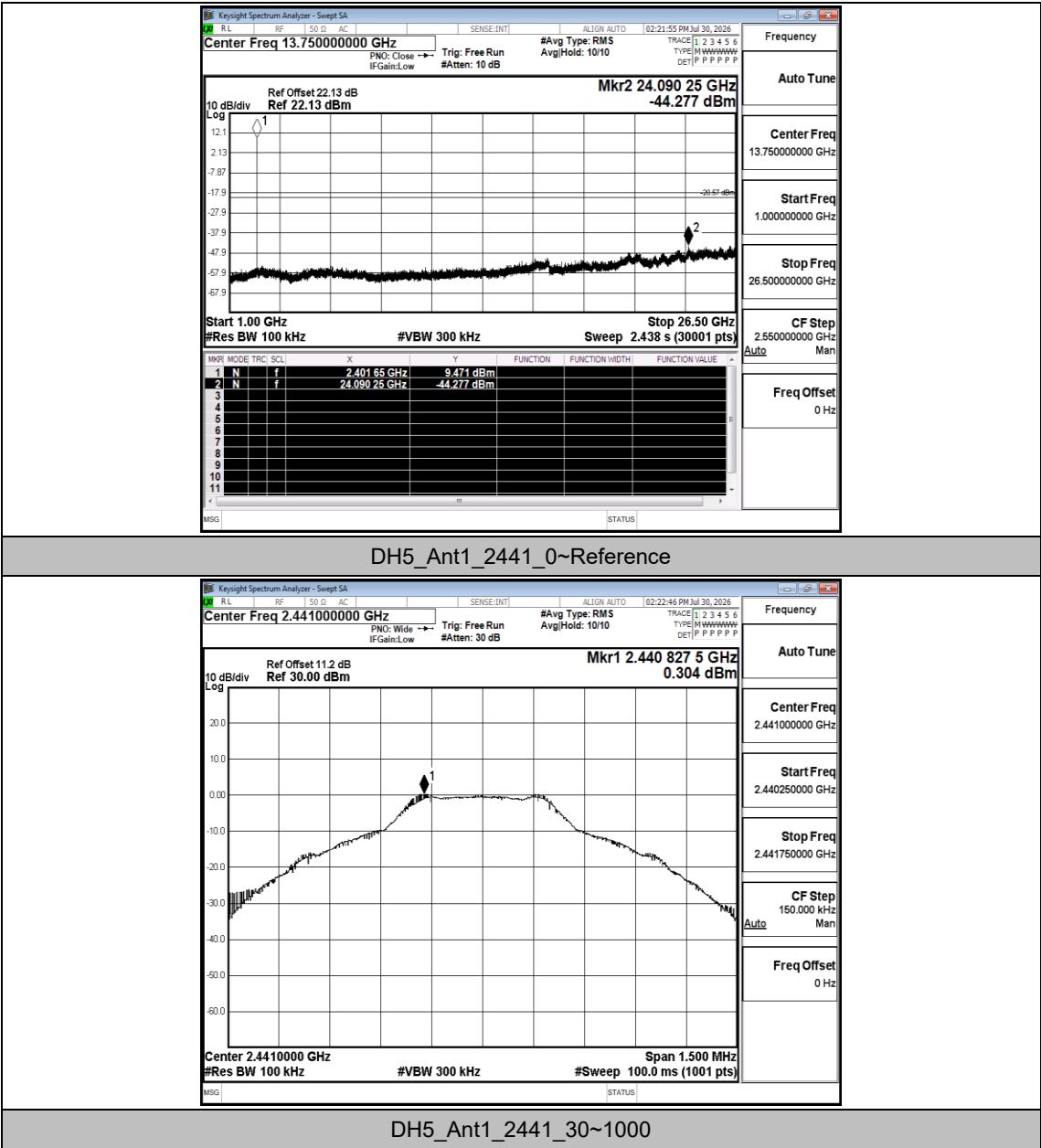
A.7 Conducted Spurious Emission

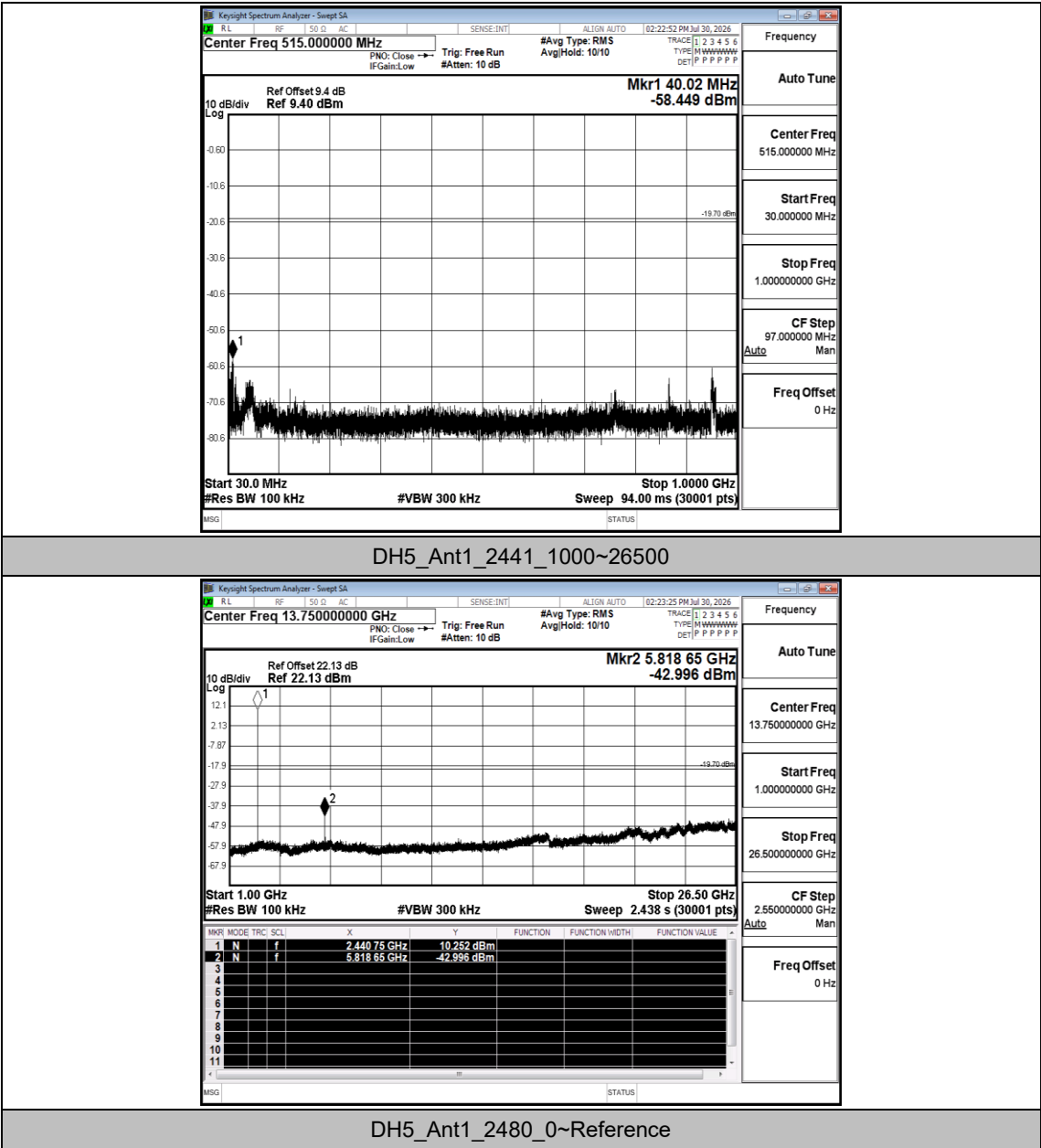
Test Result

TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.57	-0.57	---	PASS
			30~1000	-0.57	-60.01	≤-20.57	PASS
			1000~26500	-0.57	-44.28	≤-20.57	PASS
		2441	Reference	0.30	0.30	---	PASS
			30~1000	0.30	-58.45	≤-19.7	PASS
			1000~26500	0.30	-43	≤-19.7	PASS
		2480	Reference	-0.89	-0.89	---	PASS
			30~1000	-0.89	-60.92	≤-20.89	PASS
			1000~26500	-0.89	-43.99	≤-20.89	PASS
2DH5	Ant1	2402	Reference	-0.61	-0.61	---	PASS
			30~1000	-0.61	-58.61	≤-20.61	PASS
			1000~26500	-0.61	-44.58	≤-20.61	PASS
		2441	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-58.42	≤-19.87	PASS
			1000~26500	0.13	-44.96	≤-19.87	PASS
		2480	Reference	-1.01	-1.01	---	PASS
			30~1000	-1.01	-56.79	≤-21.01	PASS
			1000~26500	-1.01	-44.74	≤-21.01	PASS
3DH5	Ant1	2402	Reference	-0.46	-0.46	---	PASS
			30~1000	-0.46	-25.45	≤-20.46	PASS
			1000~26500	-0.46	-43.79	≤-20.46	PASS
		2441	Reference	0.33	0.33	---	PASS
			30~1000	0.33	-42.68	≤-19.67	PASS
			1000~26500	0.33	-43.99	≤-19.67	PASS
		2480	Reference	-0.82	-0.82	---	PASS
			30~1000	-0.82	-56.97	≤-20.82	PASS
			1000~26500	-0.82	-45.05	≤-20.82	PASS

Test Graphs







DH5_Ant1_2480_0~Reference

