



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Urbanista Los Angeles

Test Model: Urbanista Los Angeles

Environmental Conditions

Temperature:	21.6° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan



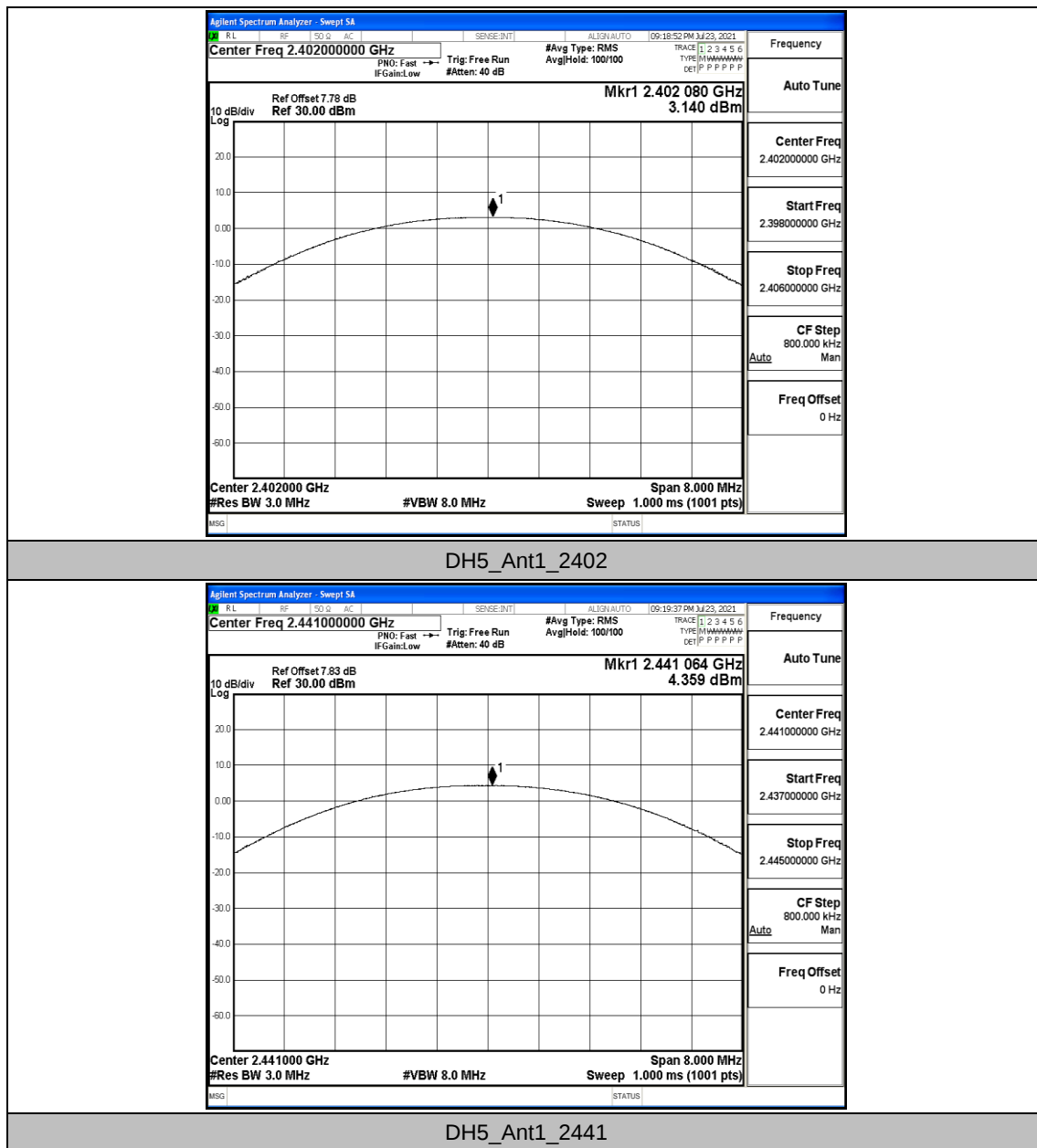
A.1 Maximum conducted output power

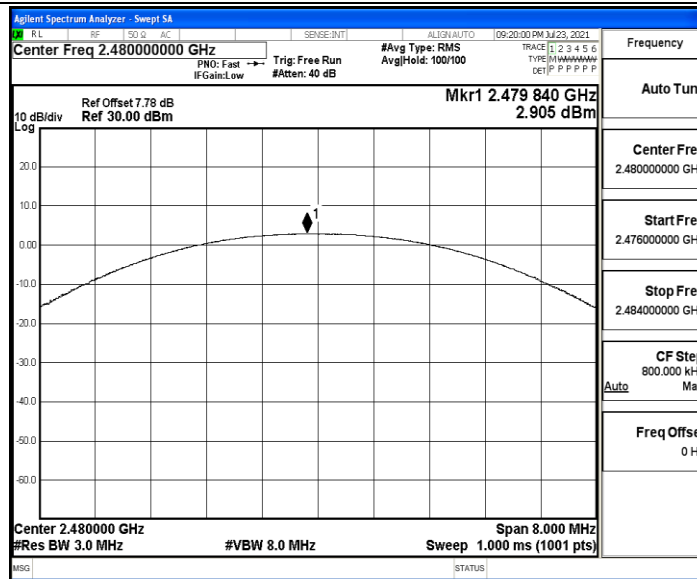
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	3.14	≤30	PASS
		2441	4.36	≤30	PASS
		2480	2.91	≤30	PASS
2DH5	Ant1	2402	2.19	≤20.97	PASS
		2441	3.38	≤20.97	PASS
		2480	2.09	≤20.97	PASS
3DH5	Ant1	2402	2.35	≤20.97	PASS
		2441	3.64	≤20.97	PASS
		2480	2.29	≤20.97	PASS

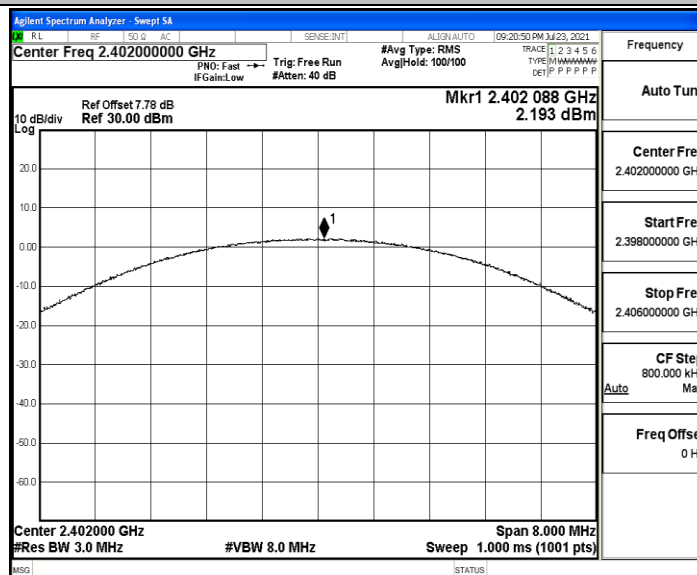


Test Graphs

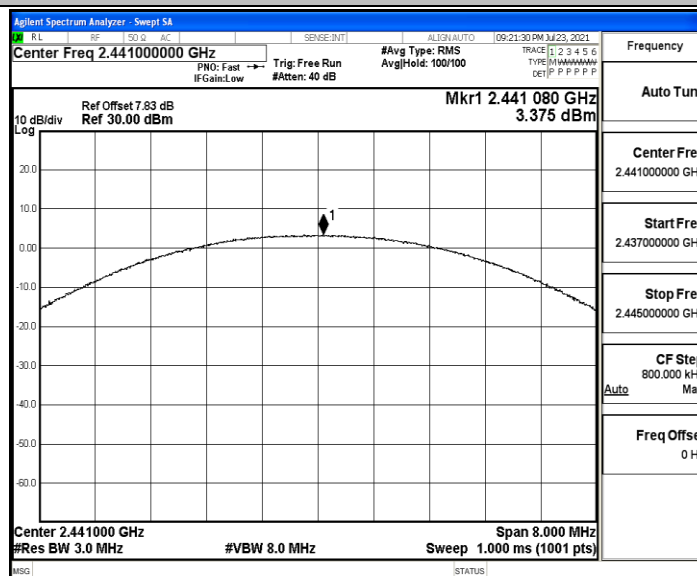




DH5_Ant1_2480

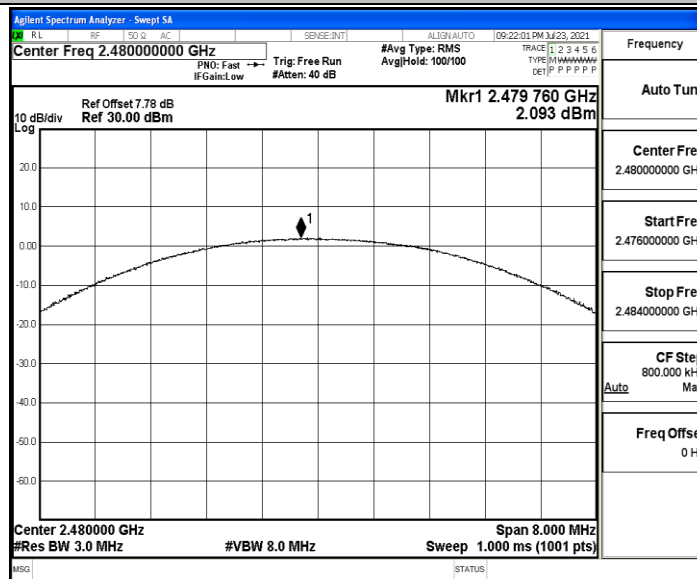


2DH5_Ant1_2402

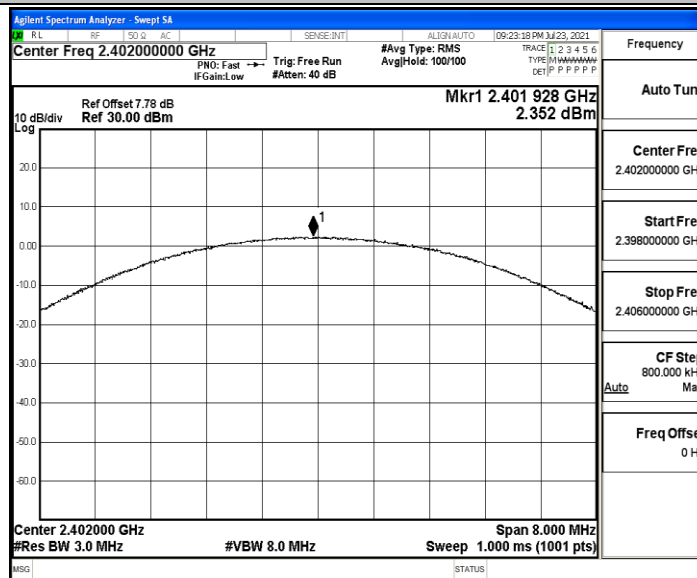




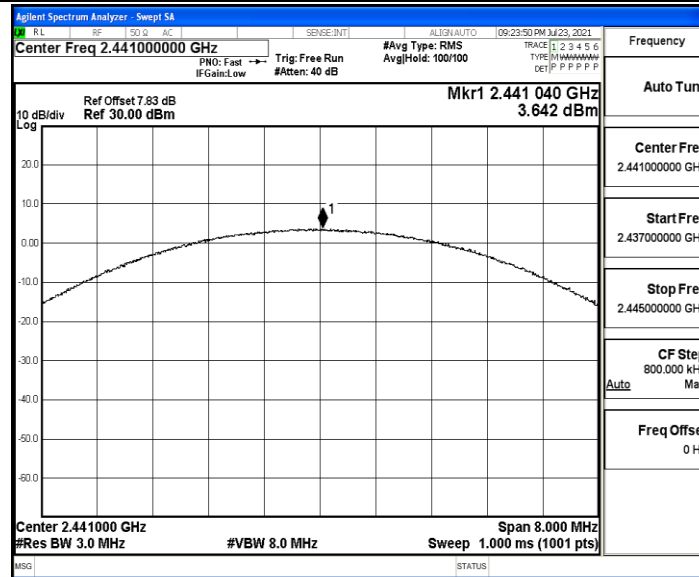
2DH5_Ant1_2441



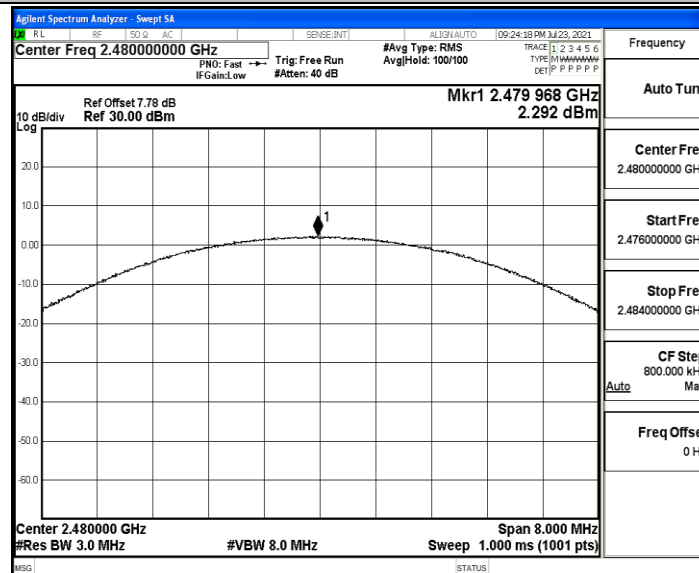
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



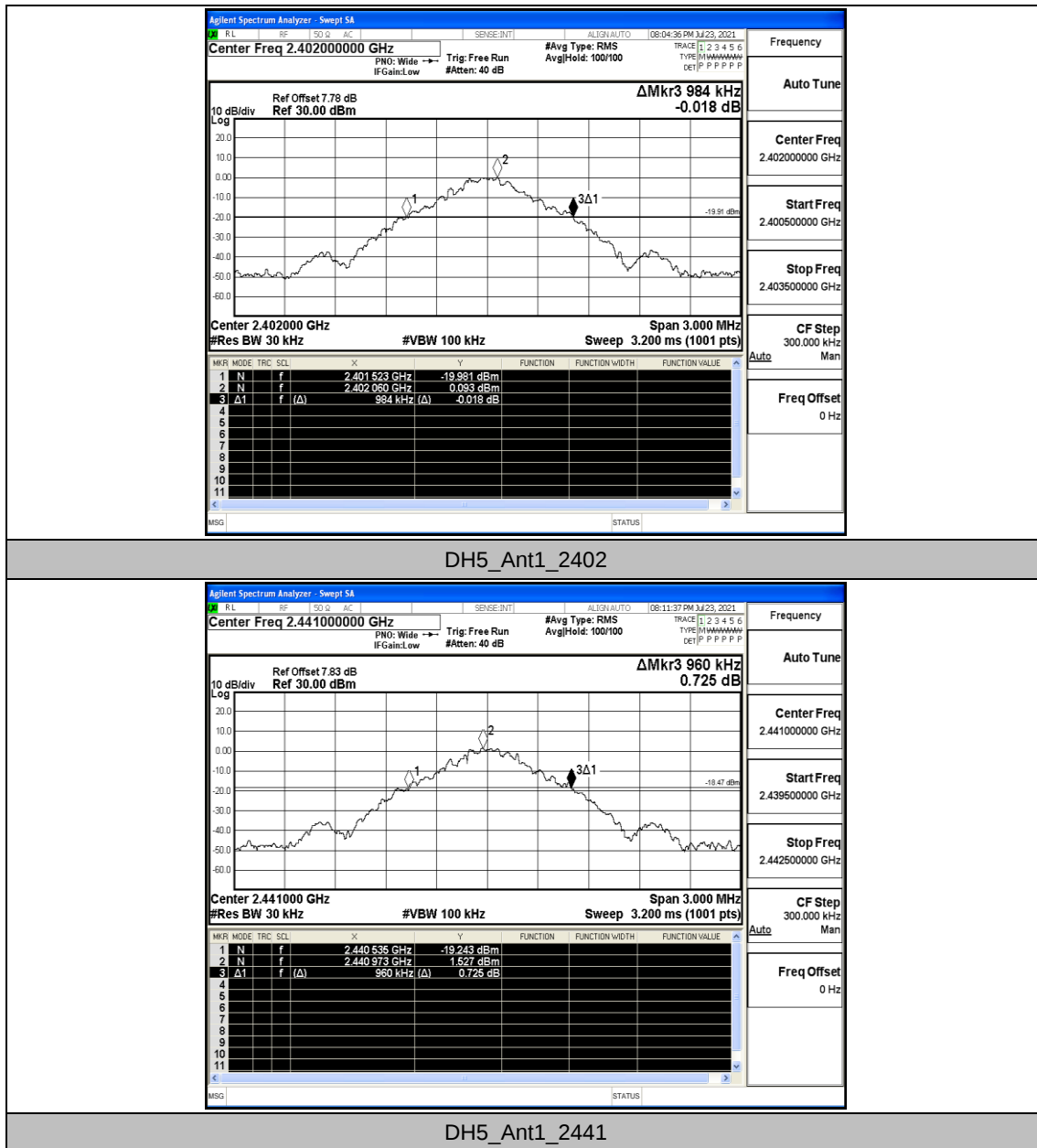
A.2 20dB Emission Bandwidth

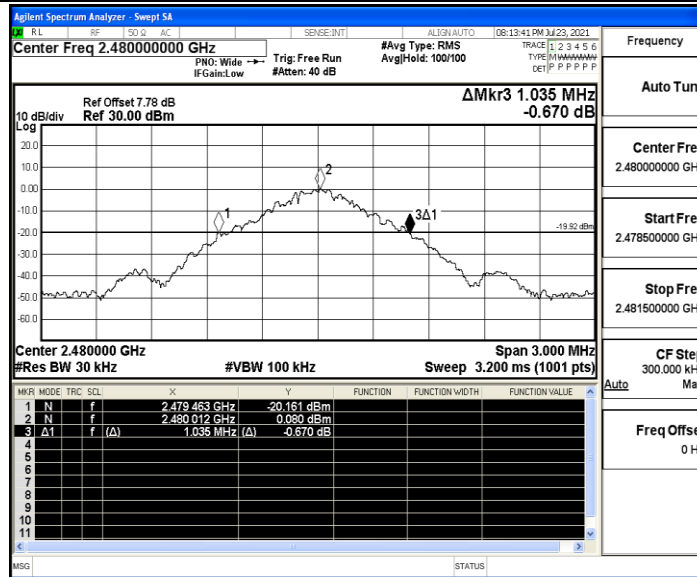
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.984	2401.523	2402.507	---	PASS
		2441	0.960	2440.535	2441.495	---	PASS
		2480	1.035	2479.463	2480.498	---	PASS
2DH5	Ant1	2402	1.314	2401.343	2402.657	---	PASS
		2441	1.359	2440.325	2441.684	---	PASS
		2480	1.302	2479.358	2480.660	---	PASS
3DH5	Ant1	2402	1.308	2401.346	2402.654	---	PASS
		2441	1.350	2440.322	2441.672	---	PASS
		2480	1.275	2479.355	2480.630	---	PASS

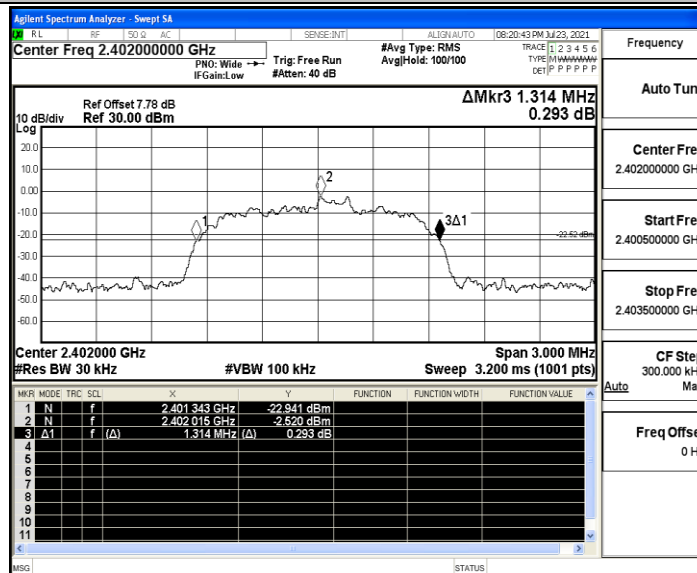


Test Graphs

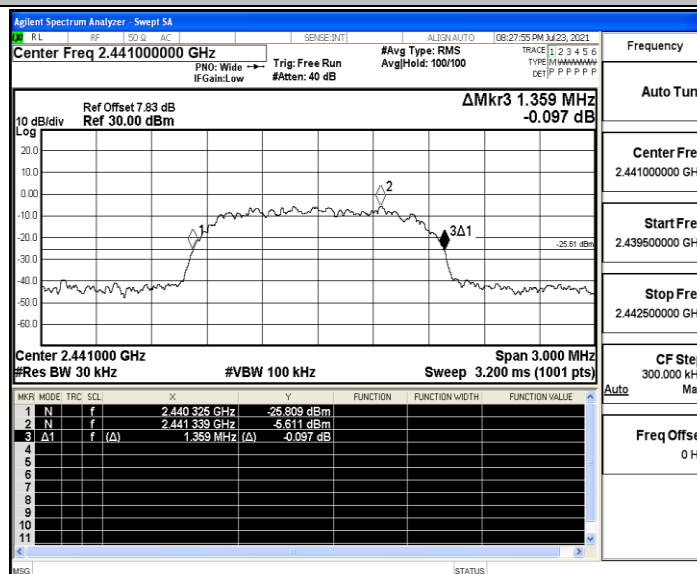




DH5_Ant1_2480

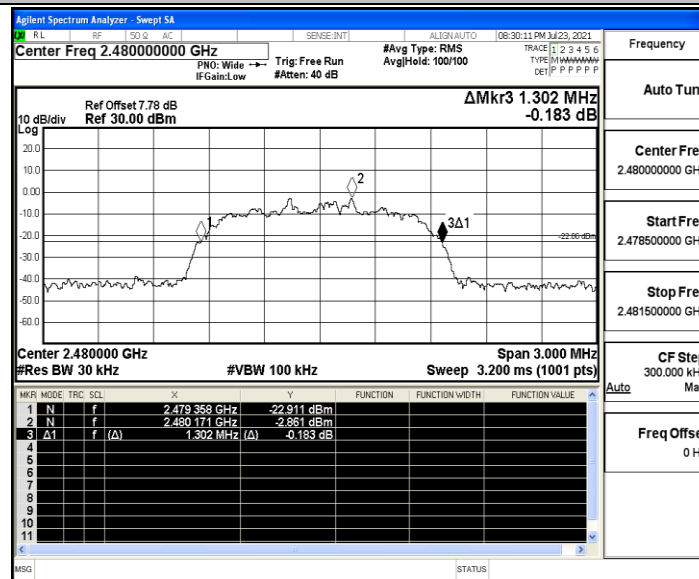


2DH5_Ant1_2402

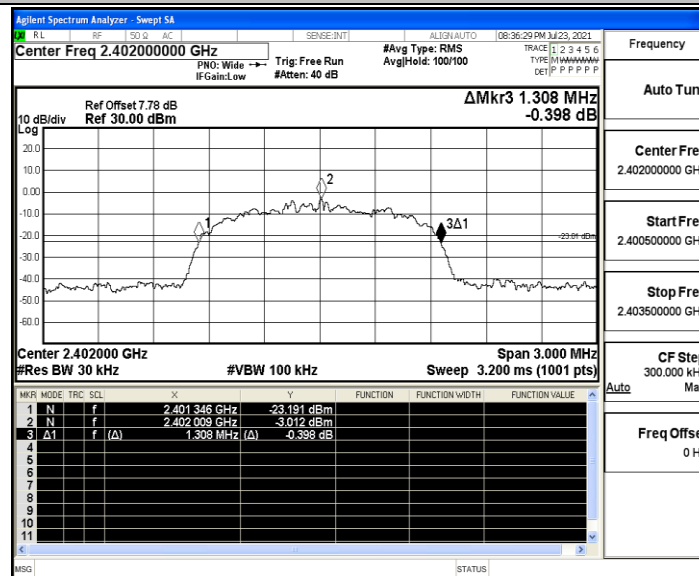




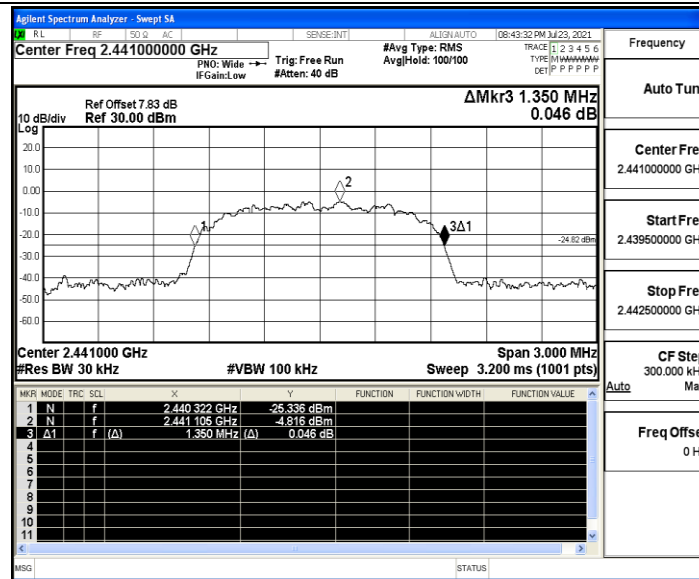
2DH5_Ant1_2441



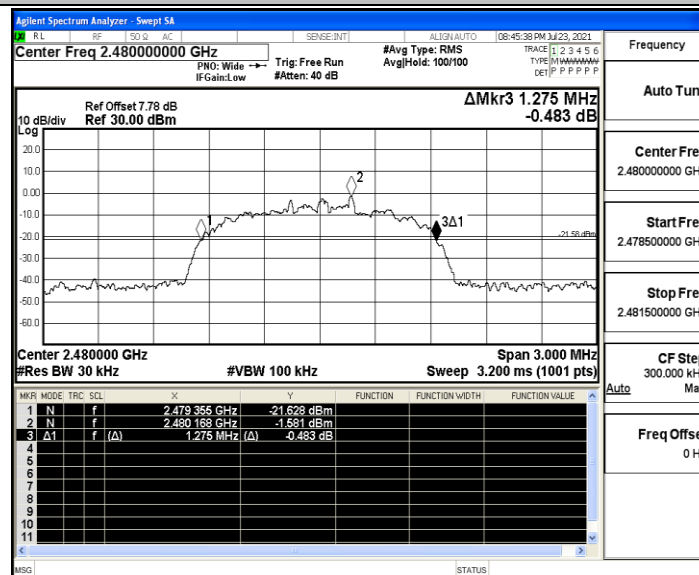
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



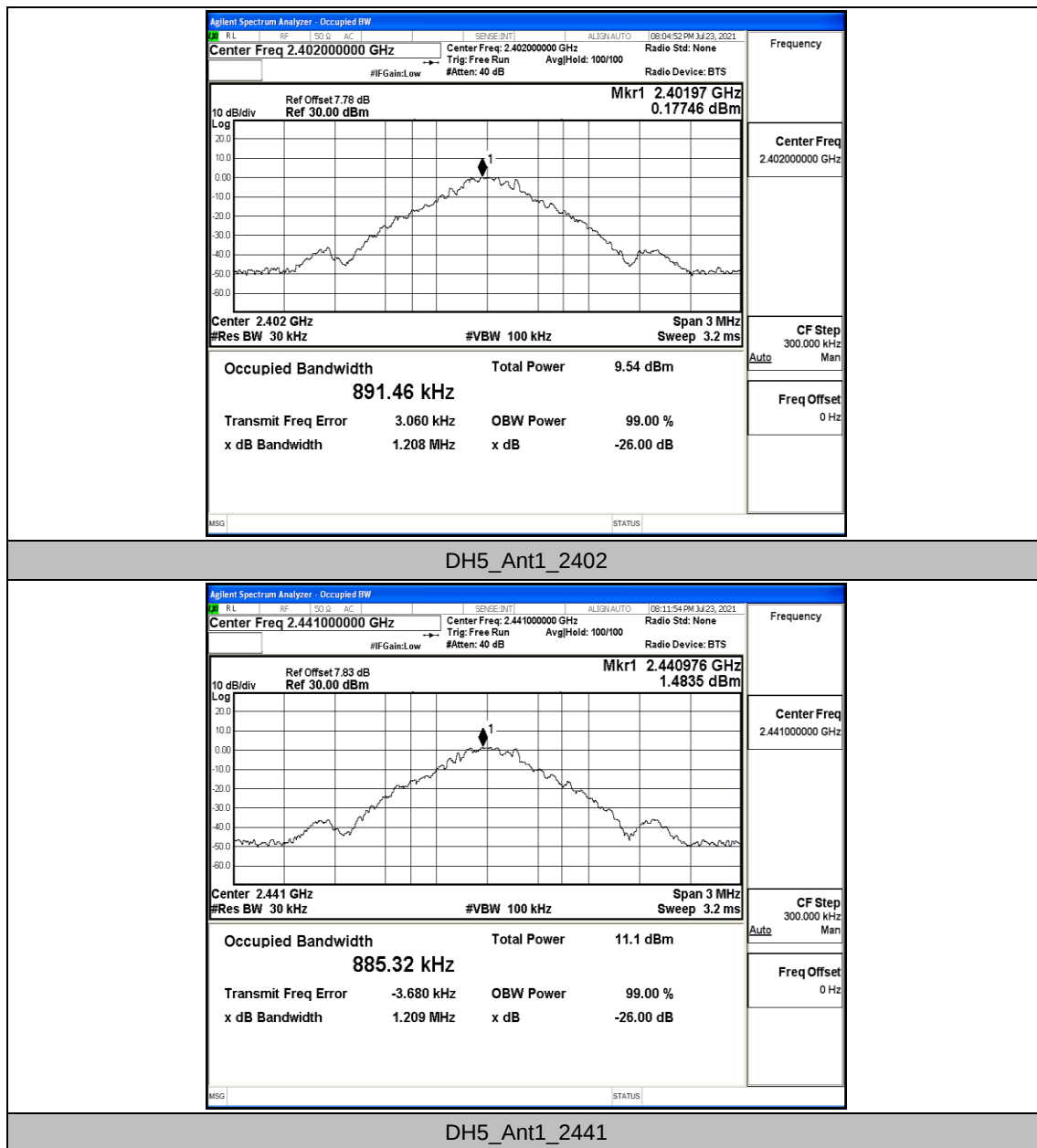
A.3 Occupied Channel Bandwidth

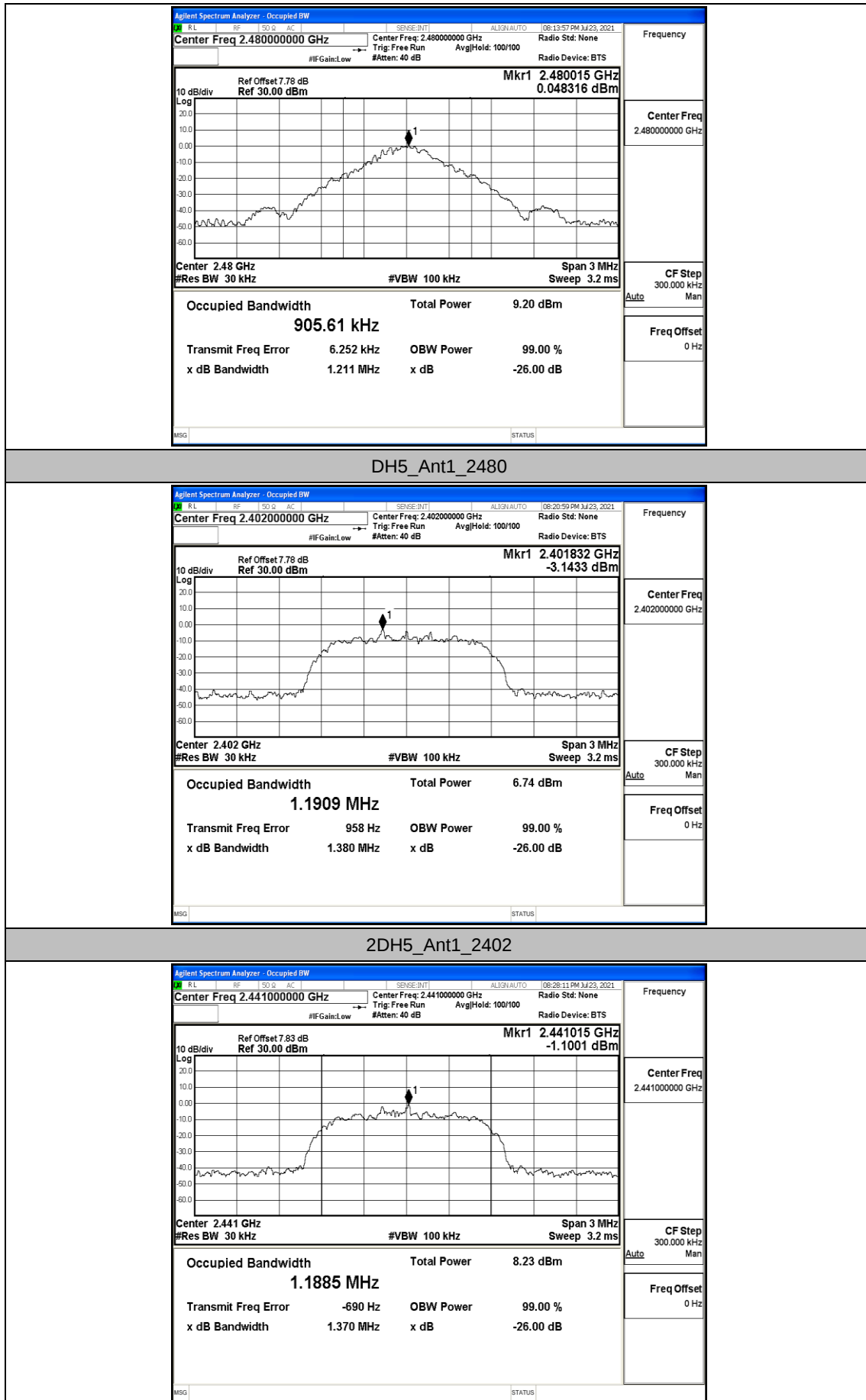
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89146	2401.557	2402.449	---	PASS
		2441	0.88532	2440.554	2441.439	---	PASS
		2480	0.90561	2479.553	2480.459	---	PASS
2DH5	Ant1	2402	1.1909	2401.406	2402.596	---	PASS
		2441	1.1885	2440.405	2441.594	---	PASS
		2480	1.1891	2479.405	2480.594	---	PASS
3DH5	Ant1	2402	1.1807	2401.416	2402.597	---	PASS
		2441	1.1894	2440.407	2441.596	---	PASS
		2480	1.1929	2479.402	2480.595	---	PASS



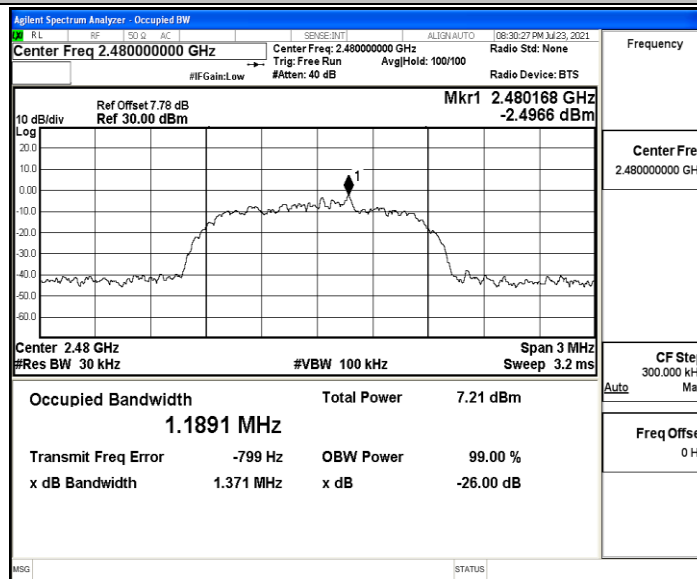
Test Graphs



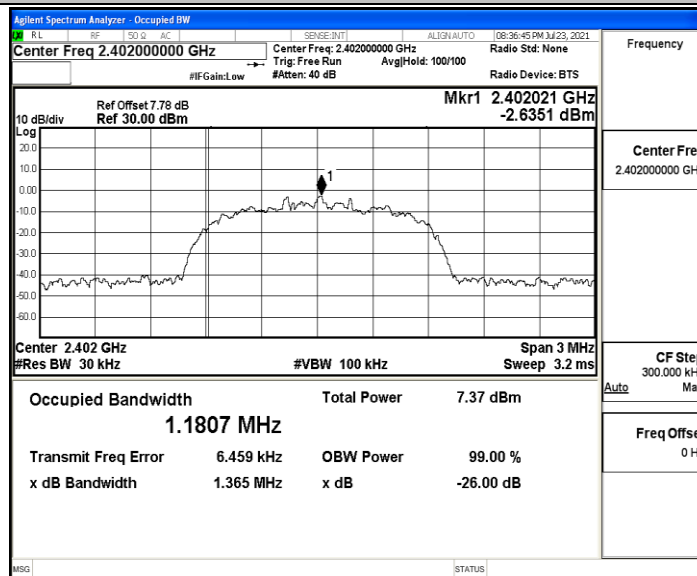




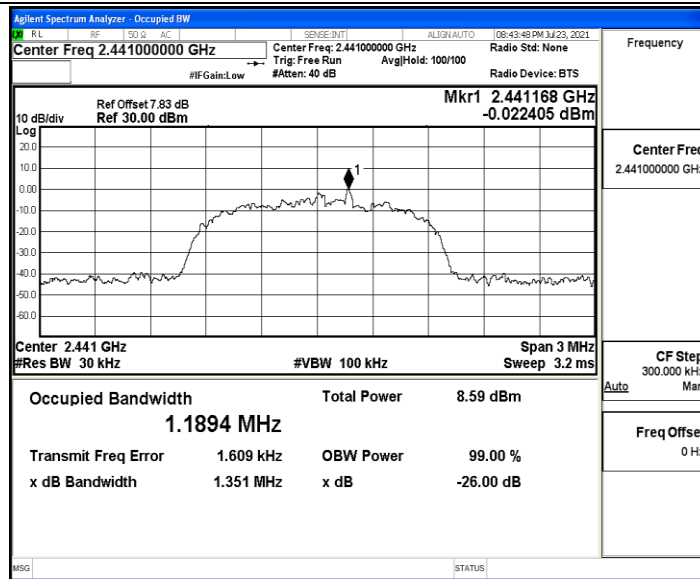
2DH5_Ant1_2441



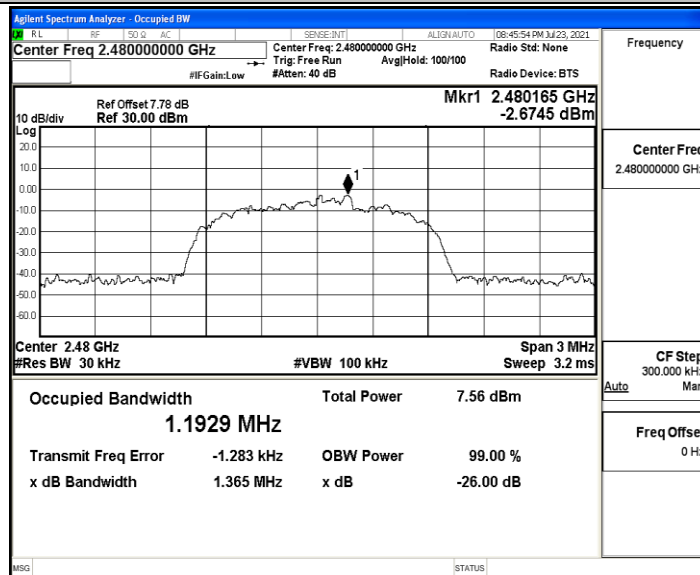
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



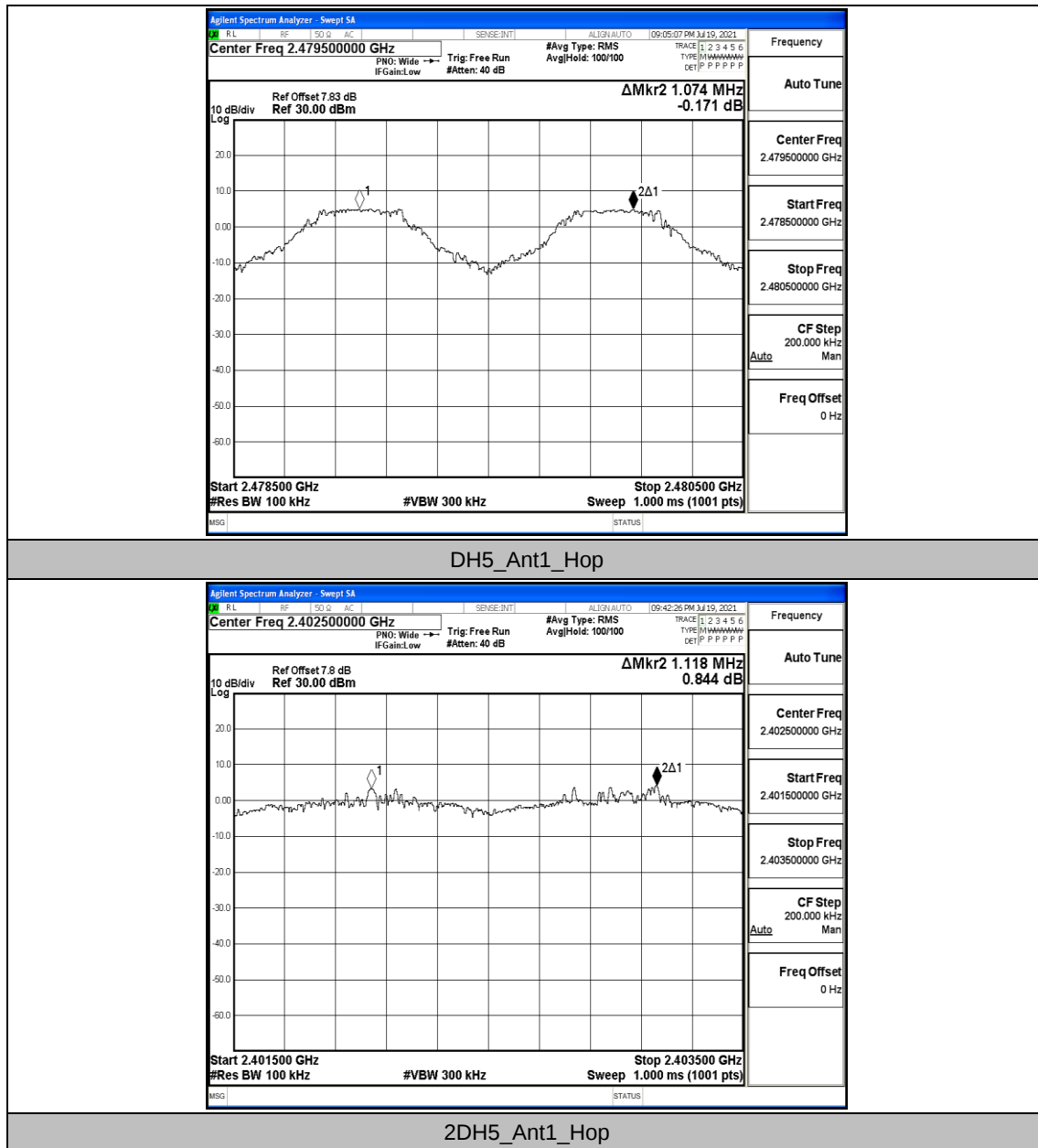
A.4 Frequency Separation

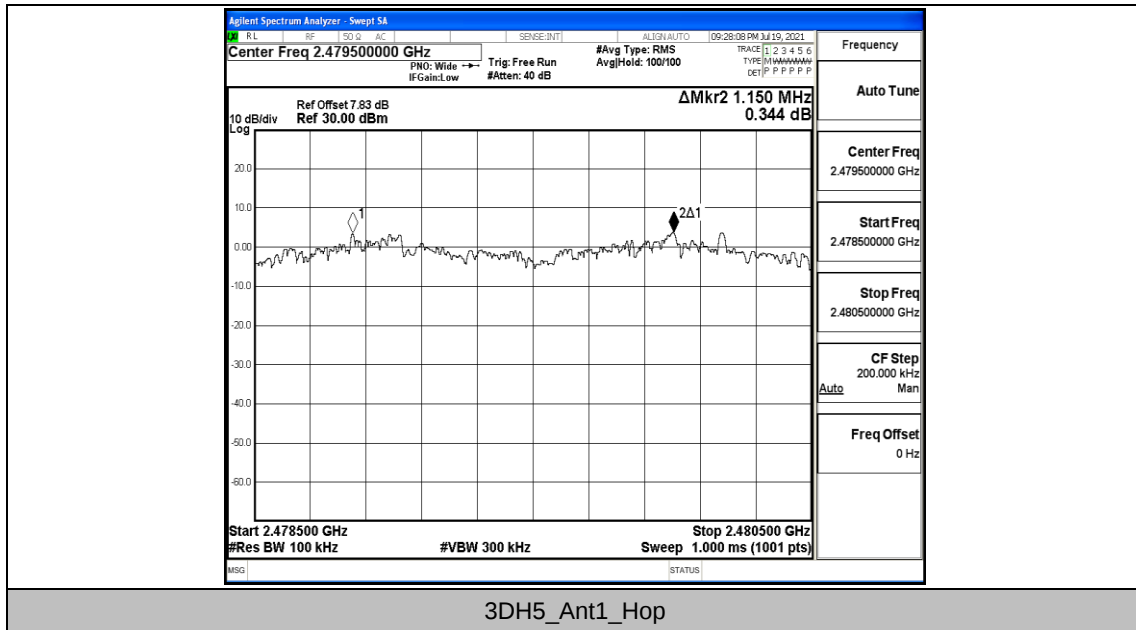
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	1.074	≥ 1.026	PASS
2DH5	Ant1	Hop	1.118	≥ 0.898	PASS
3DH5	Ant1	Hop	1.15	≥ 0.872	PASS



Test Graphs







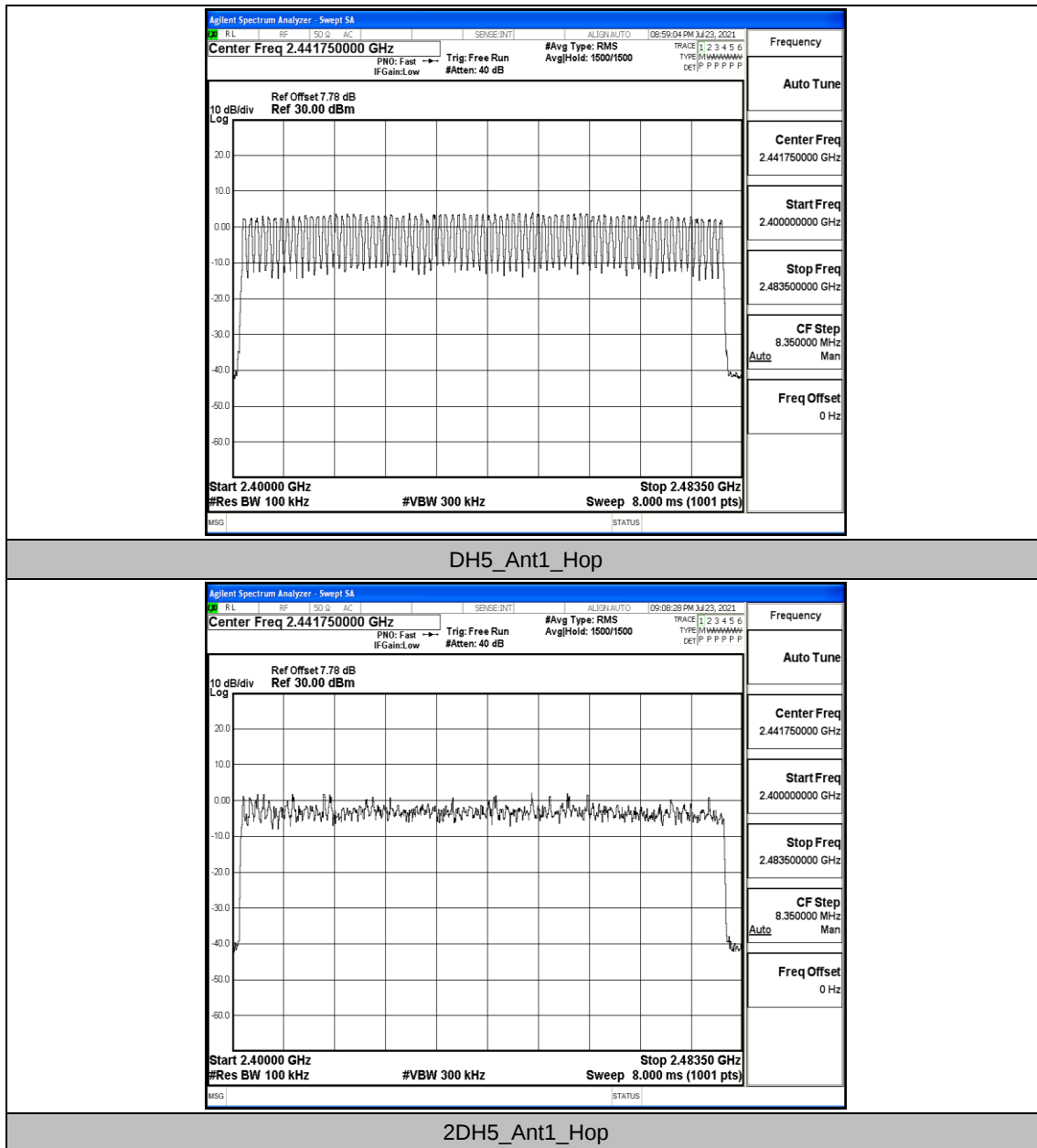
A.5 Number of hopping channels

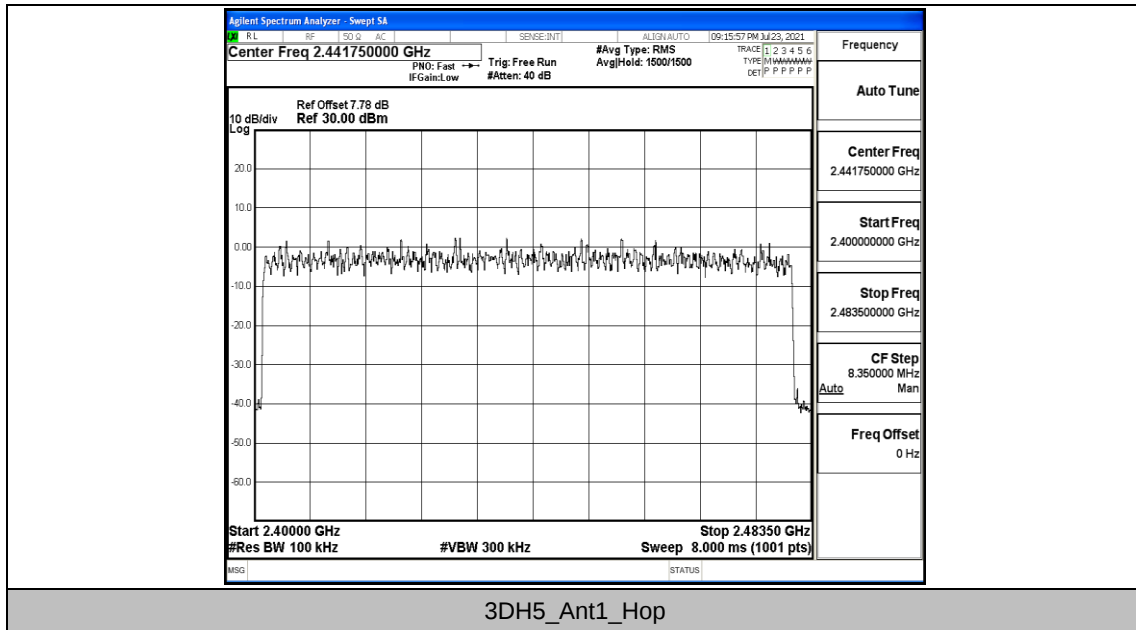
Test Result

TestMode	Antenna	Channel	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







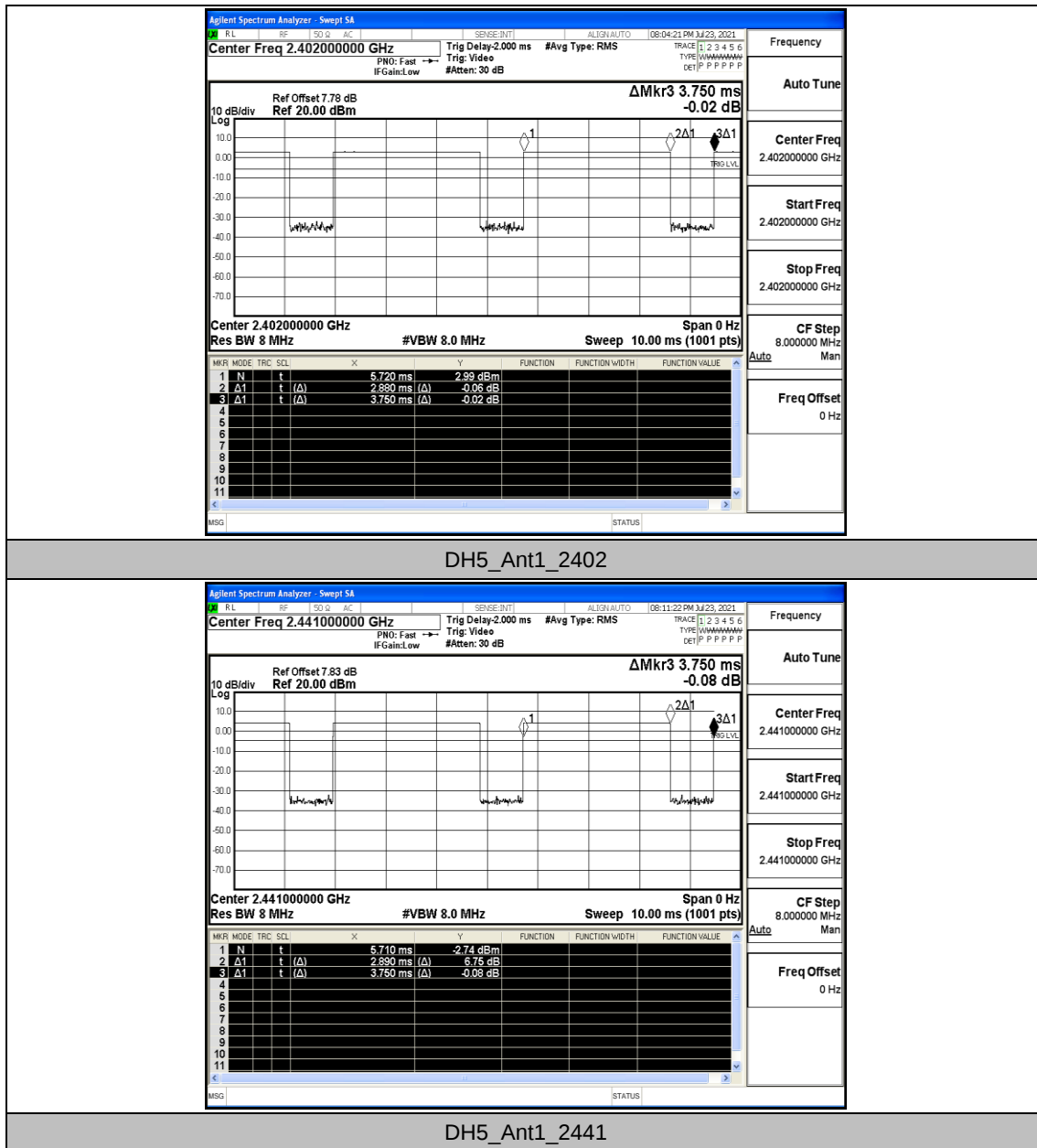
A.6 Time of occupancy

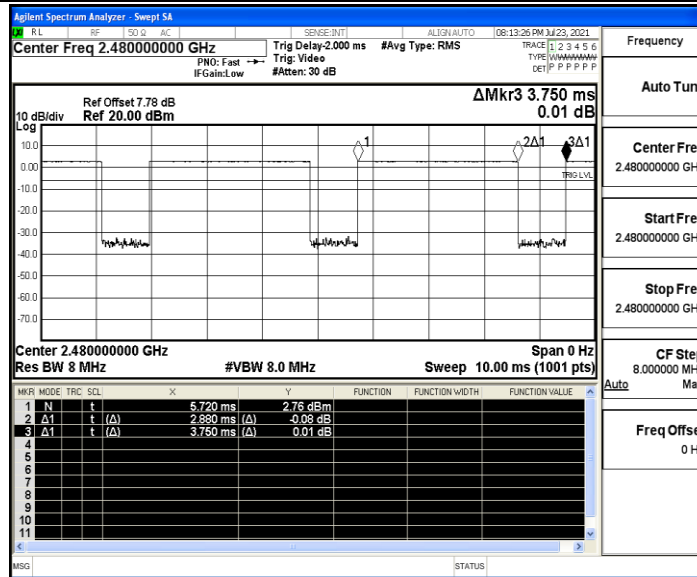
Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.88	3.75	0.7680	76.80	1.15	---	PASS
		2441	2.89	3.75	0.7707	77.07	1.13	---	PASS
		2480	2.88	3.75	0.7680	76.80	1.15	---	PASS
2DH5	Ant1	2402	2.89	3.75	0.7707	77.07	1.13	---	PASS
		2441	2.88	3.75	0.7680	76.80	1.15	---	PASS
		2480	2.89	3.75	0.7707	77.07	1.13	---	PASS
3DH5	Ant1	2402	2.89	3.75	0.7707	77.07	1.13	---	PASS
		2441	2.89	3.75	0.7707	77.07	1.13	---	PASS
		2480	2.89	3.75	0.7707	77.07	1.13	---	PASS

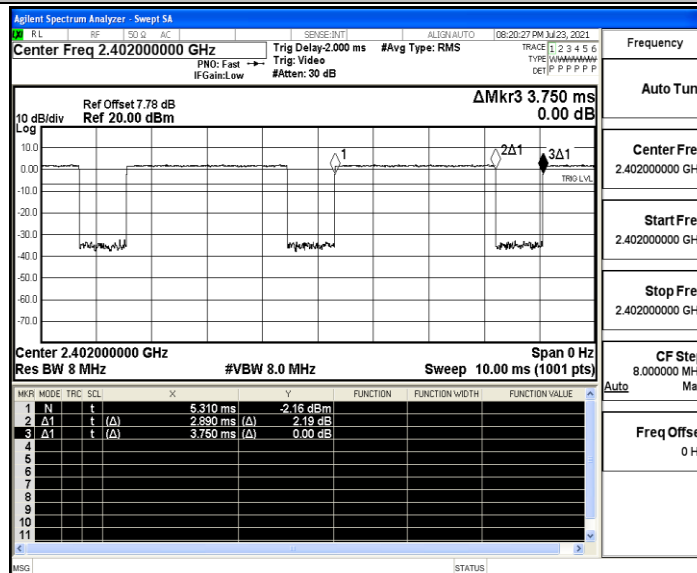


Test Graphs

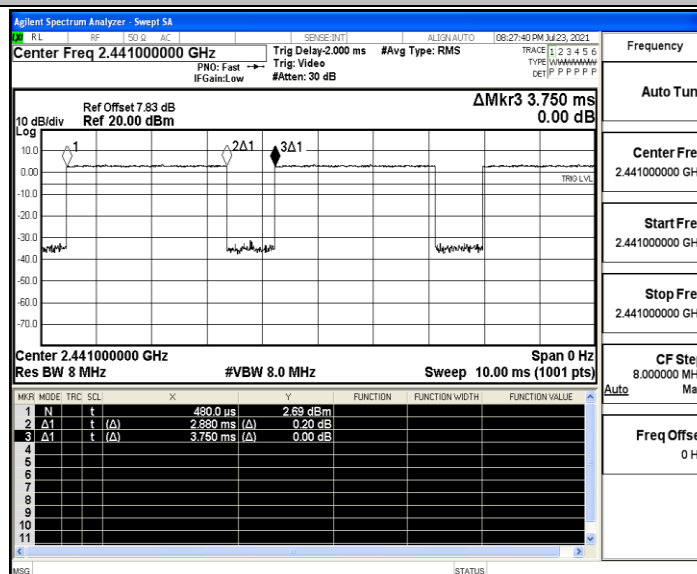




DH5_Ant1_2480

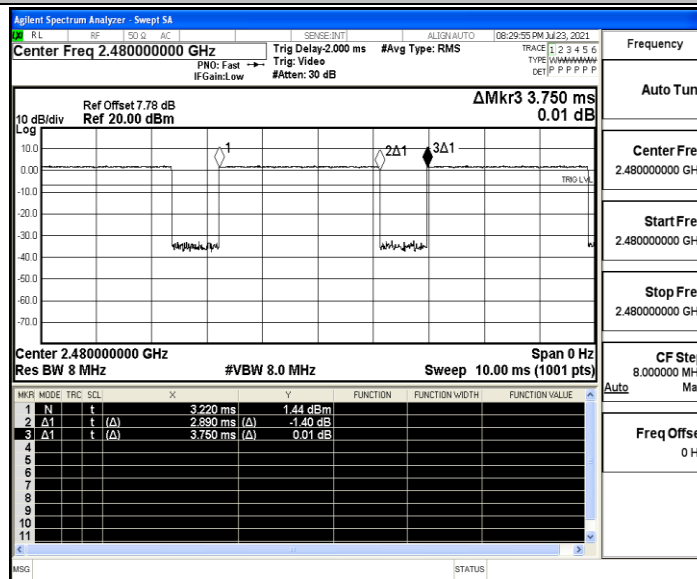


2DH5_Ant1_2402

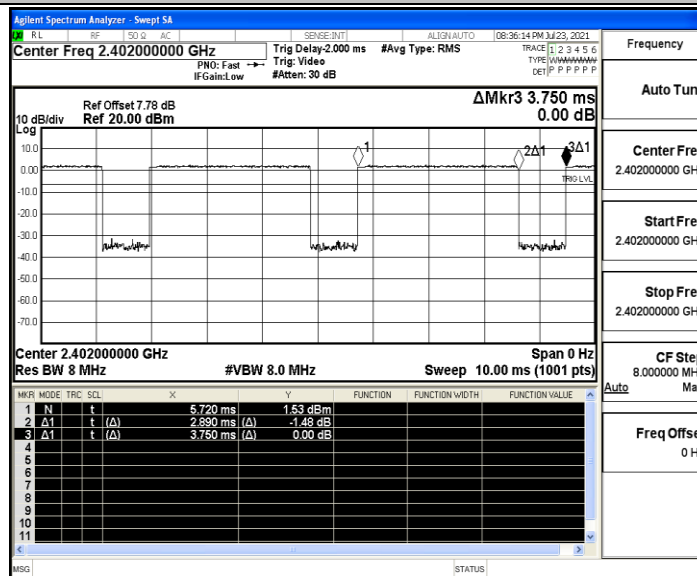




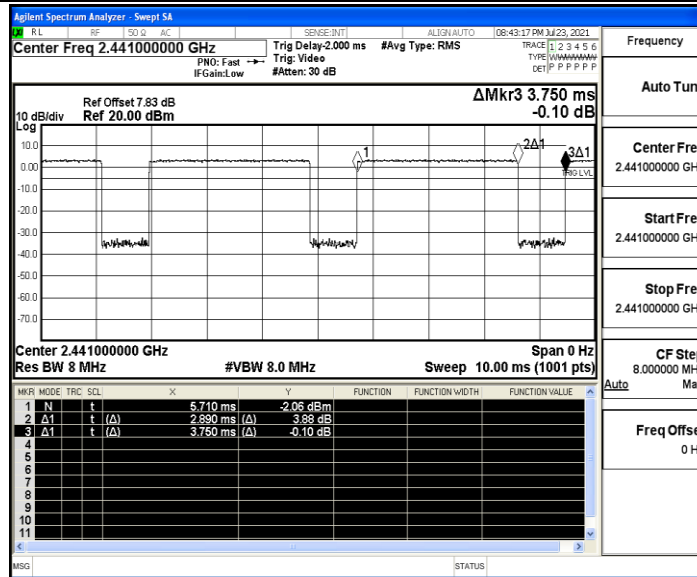
2DH5_Ant1_2441



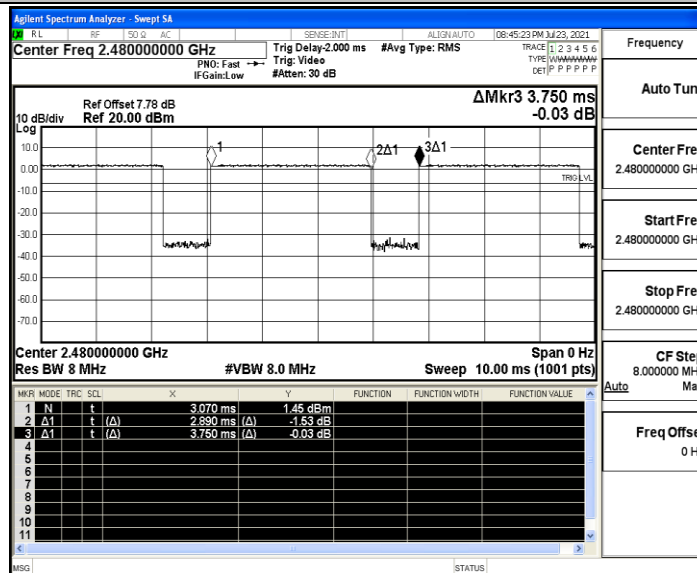
2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



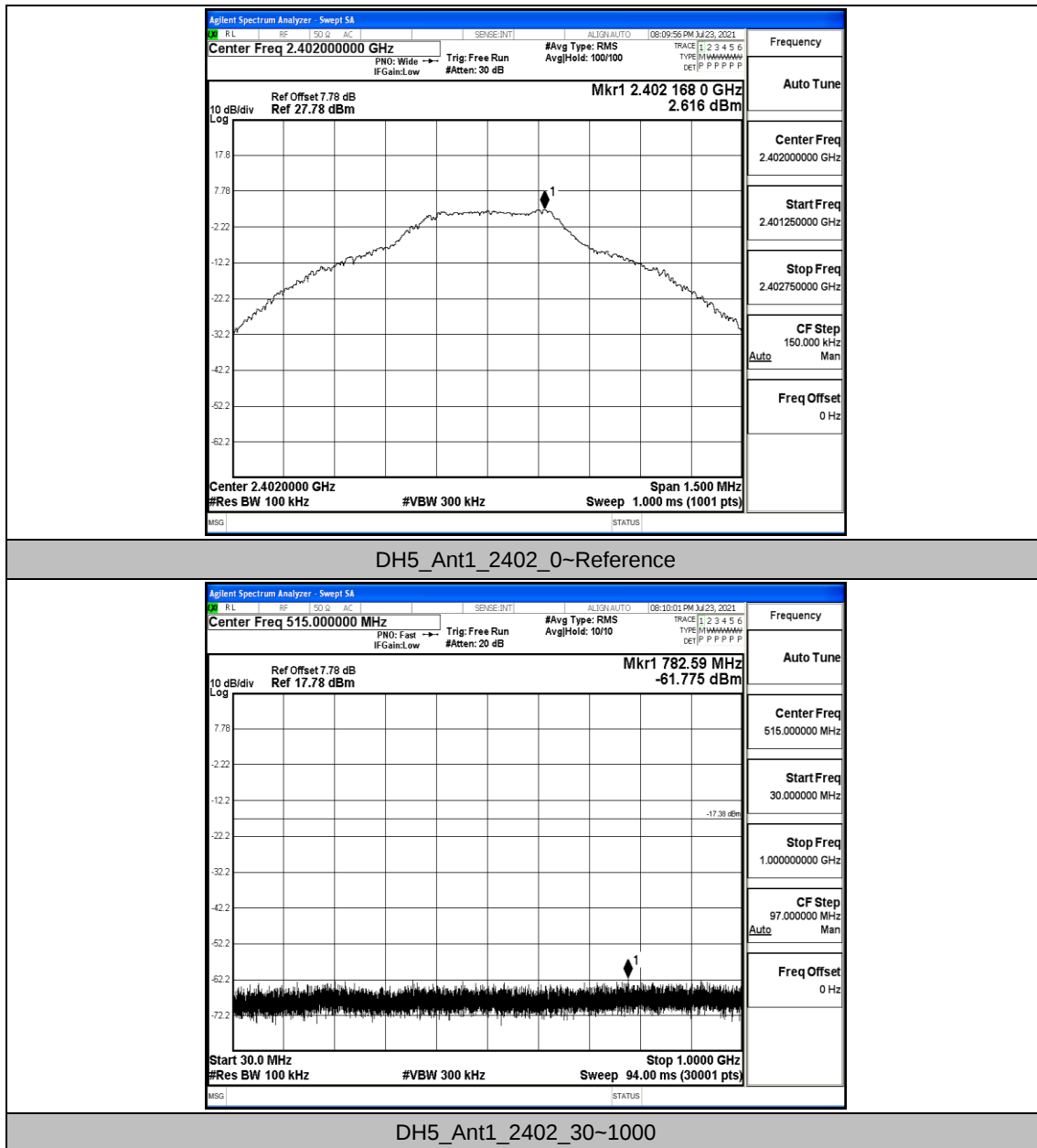
A.7 Conducted Spurious Emission

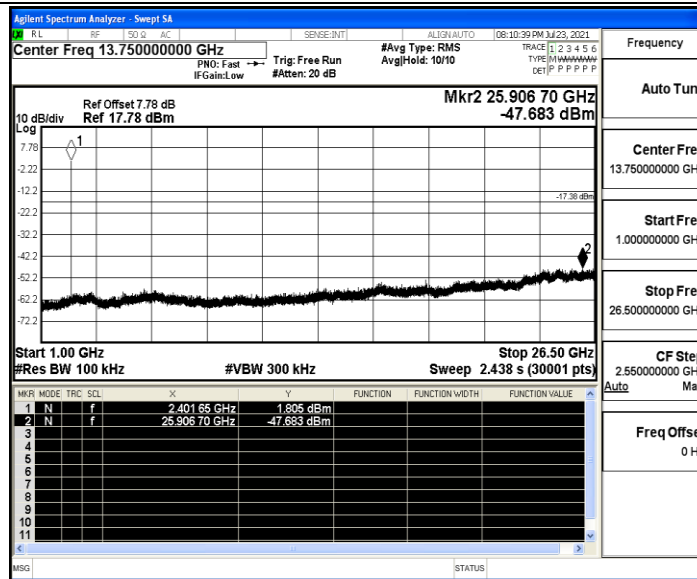
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.62	2.62	---	PASS
			30~1000	2.62	-61.78	≤-17.38	PASS
			1000~26500	2.62	-47.68	≤-17.38	PASS
		2441	Reference	3.37	3.37	---	PASS
			30~1000	3.37	-61.05	≤-16.63	PASS
			1000~26500	3.37	-47.33	≤-16.63	PASS
		2480	Reference	2.09	2.09	---	PASS
			30~1000	2.09	-61.59	≤-17.91	PASS
			1000~26500	2.09	-47.37	≤-17.91	PASS
2DH5	Ant1	2402	Reference	0.82	0.82	---	PASS
			30~1000	0.82	-61.07	≤-19.18	PASS
			1000~26500	0.82	-47.53	≤-19.18	PASS
		2441	Reference	2.28	2.28	---	PASS
			30~1000	2.28	-61.8	≤-17.72	PASS
			1000~26500	2.28	-47.34	≤-17.72	PASS
		2480	Reference	1.14	1.14	---	PASS
			30~1000	1.14	-61.88	≤-18.86	PASS
			1000~26500	1.14	-47.04	≤-18.86	PASS
3DH5	Ant1	2402	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-61.89	≤-21.08	PASS
			1000~26500	-1.08	-47.36	≤-21.08	PASS
		2441	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-61.8	≤-18.49	PASS
			1000~26500	1.51	-46.69	≤-18.49	PASS
		2480	Reference	-1.36	-1.36	---	PASS
			30~1000	-1.36	-61.98	≤-21.36	PASS
			1000~26500	-1.36	-47.74	≤-21.36	PASS

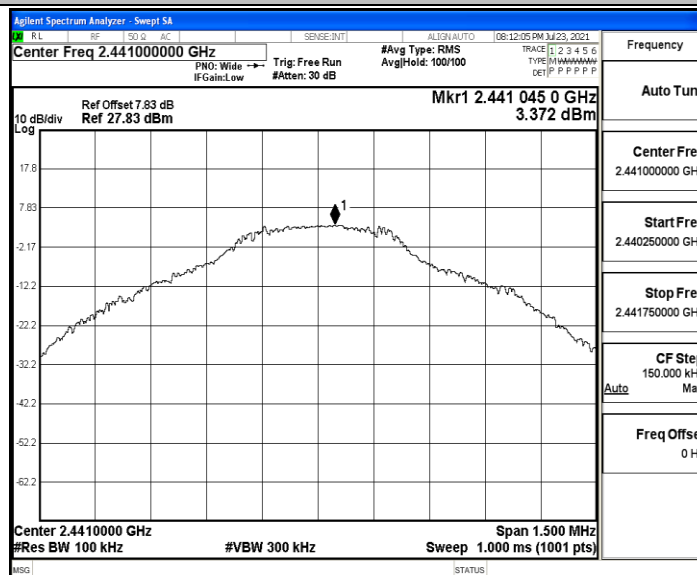


Test Graphs





DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

