



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Tablet

Trade Mark: CRAVE

Test Model: T3

Environmental Conditions

Temperature:	21.1° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Wunder Wu
Supervised by:	Li Huan

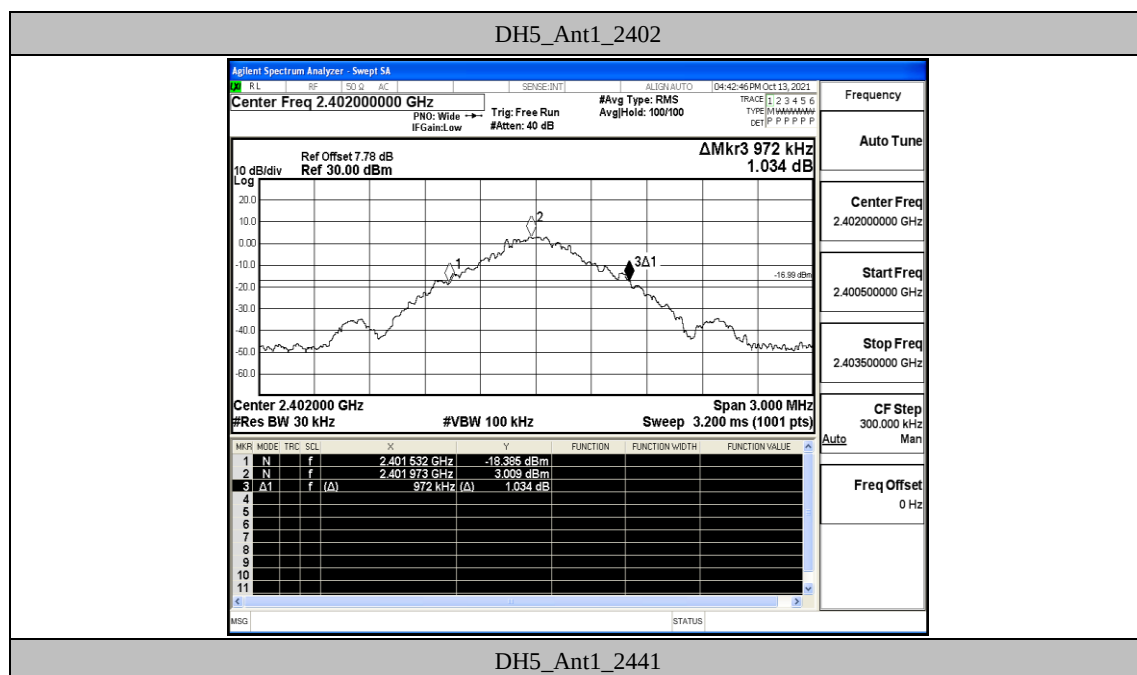


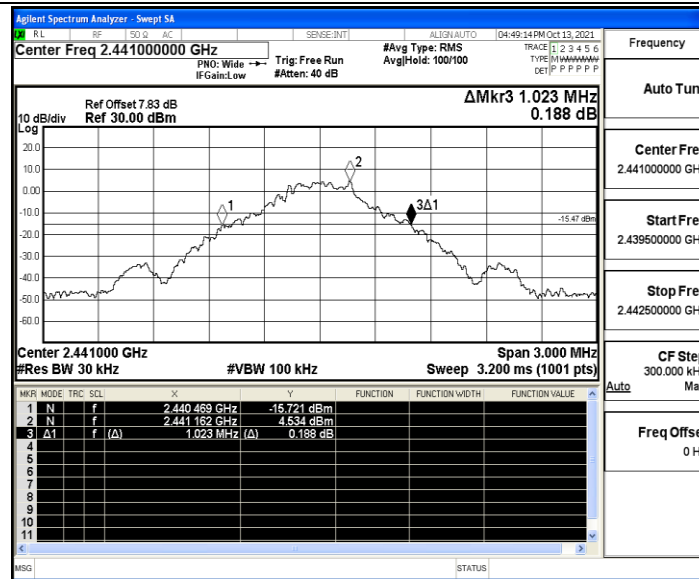
A.120dB Emission Bandwidth

Test Result

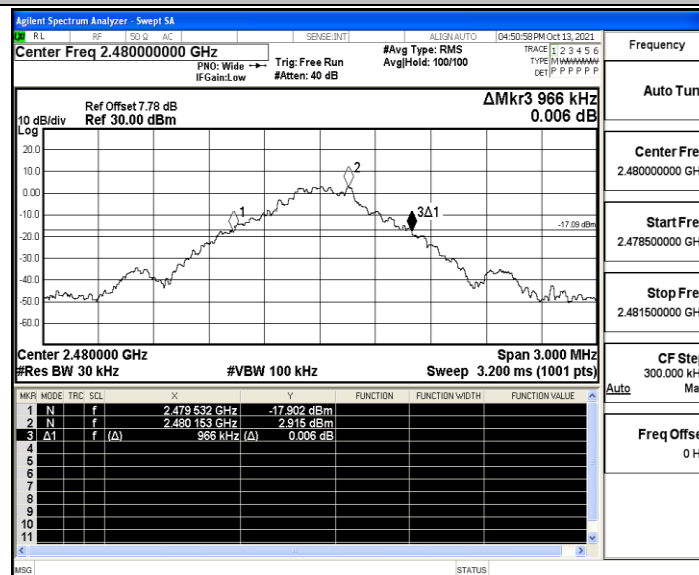
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.972	2401.532	2402.504	---	PASS
		2441	1.023	2440.469	2441.492	---	PASS
		2480	0.966	2479.532	2480.498	---	PASS
2DH5	Ant1	2402	1.341	2401.325	2402.666	---	PASS
		2441	1.323	2440.334	2441.657	---	PASS
		2480	1.296	2479.358	2480.654	---	PASS
3DH5	Ant1	2402	1.317	2401.340	2402.657	---	PASS
		2441	1.284	2440.349	2441.633	---	PASS
		2480	1.323	2479.337	2480.660	---	PASS

Test Graphs

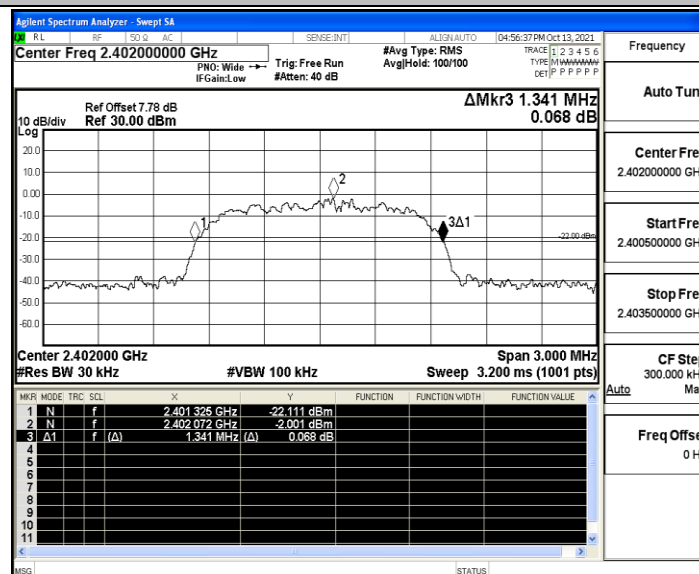




DH5_Ant1_2480

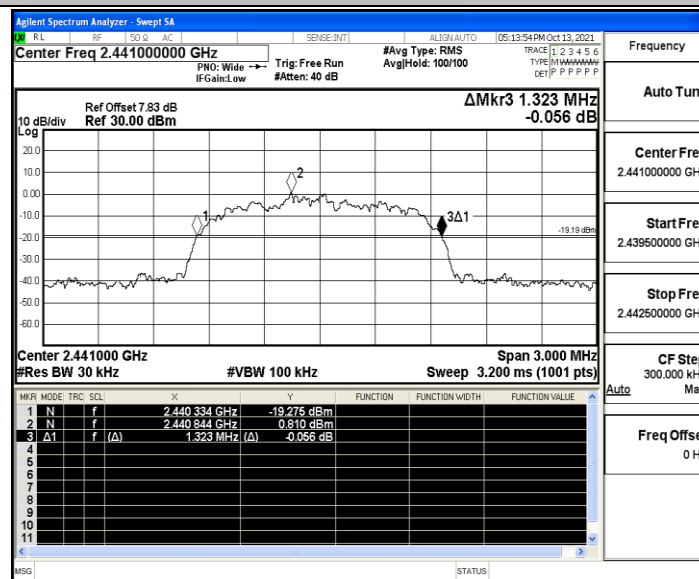


2DH5_Ant1_2402

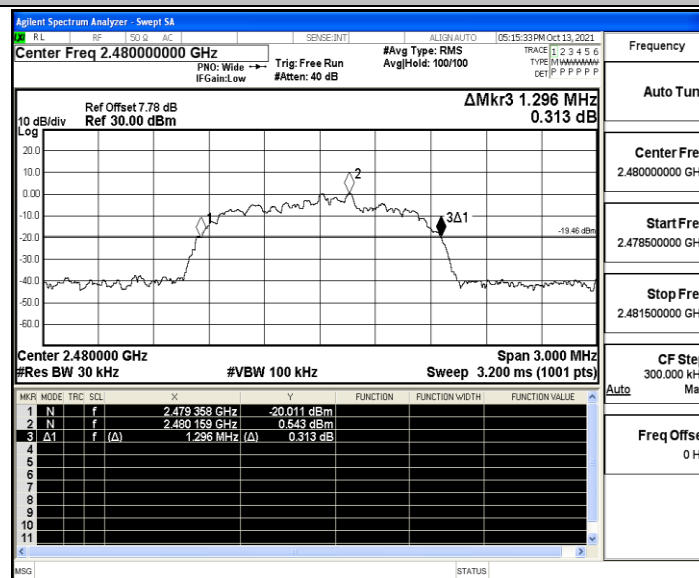




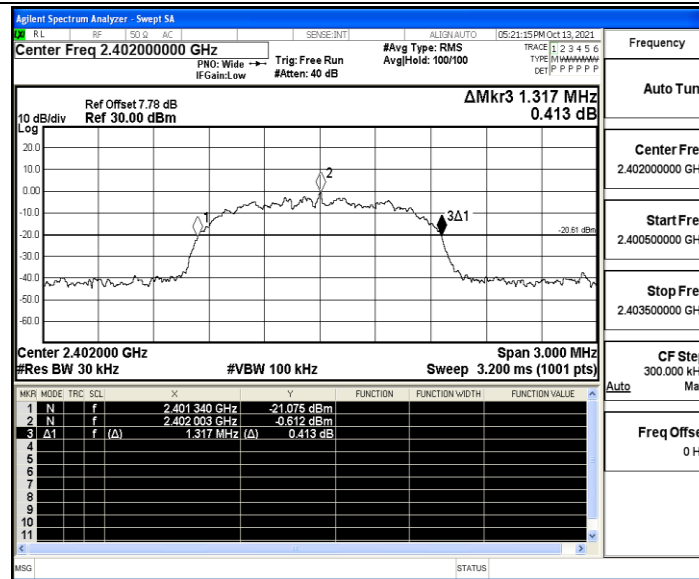
2DH5_Ant1_2441



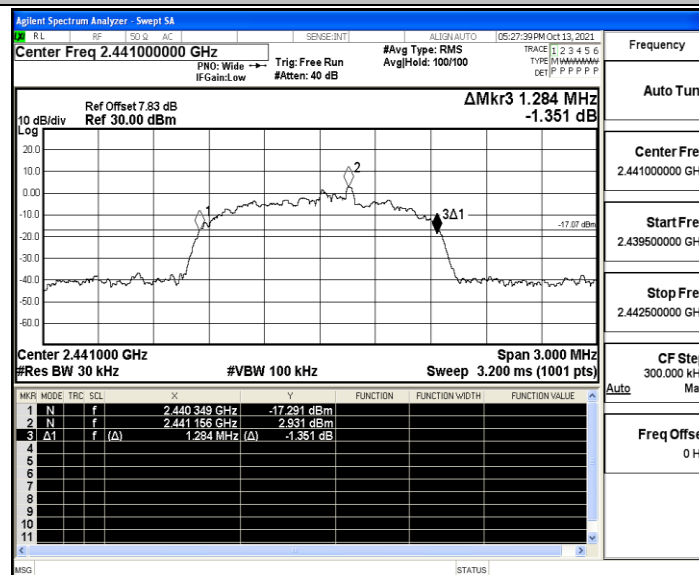
2DH5_Ant1_2480



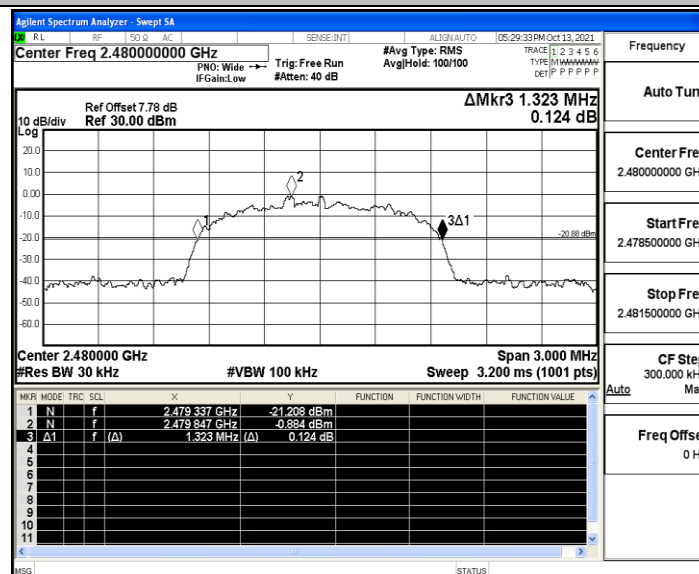
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



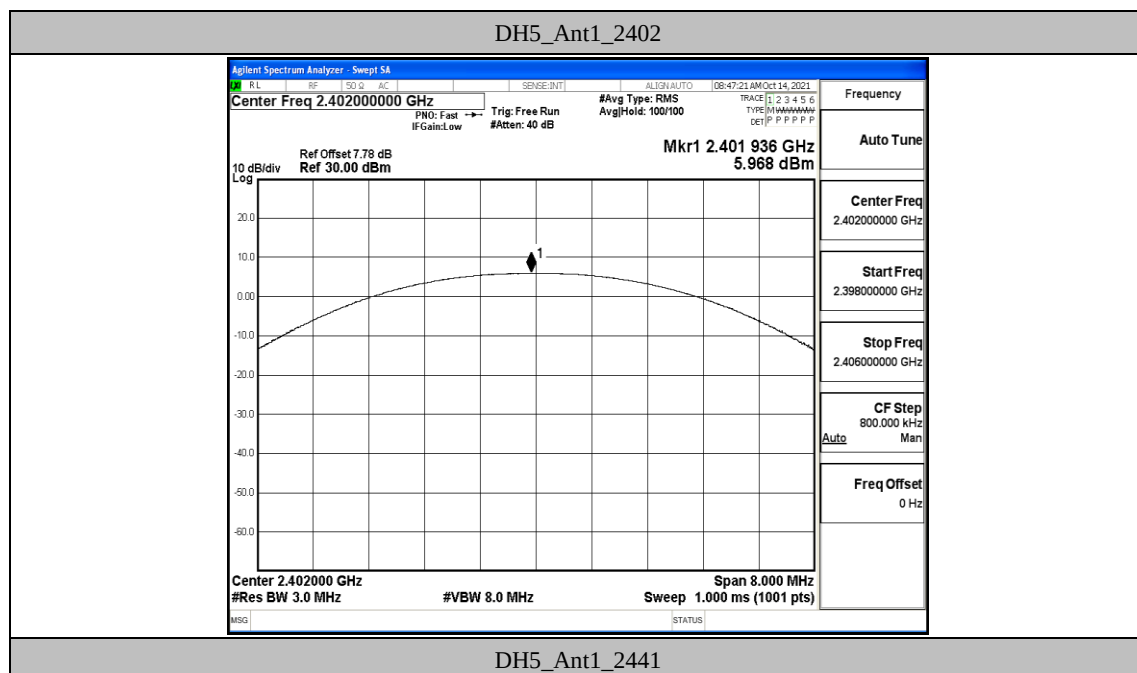


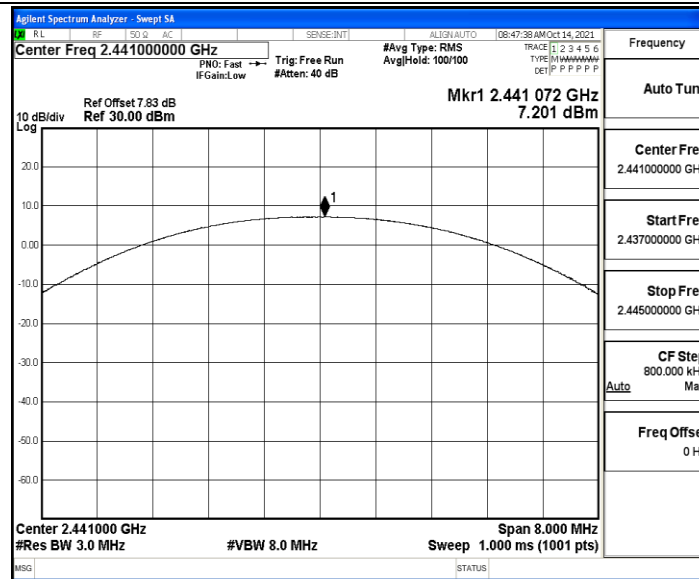
A.2 Maximum conducted output power

Test Result

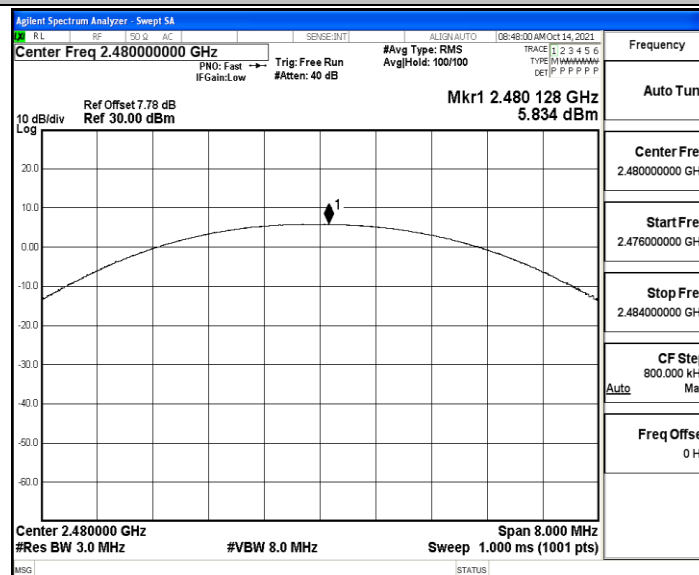
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.97	≤ 20.97	PASS
		2441	7.20	≤ 20.97	PASS
		2480	5.83	≤ 20.97	PASS
2DH5	Ant1	2402	5.05	≤ 20.97	PASS
		2441	6.30	≤ 20.97	PASS
		2480	4.88	≤ 20.97	PASS
3DH5	Ant1	2402	5.22	≤ 20.97	PASS
		2441	6.52	≤ 20.97	PASS
		2480	5.08	≤ 20.97	PASS

Test Graphs

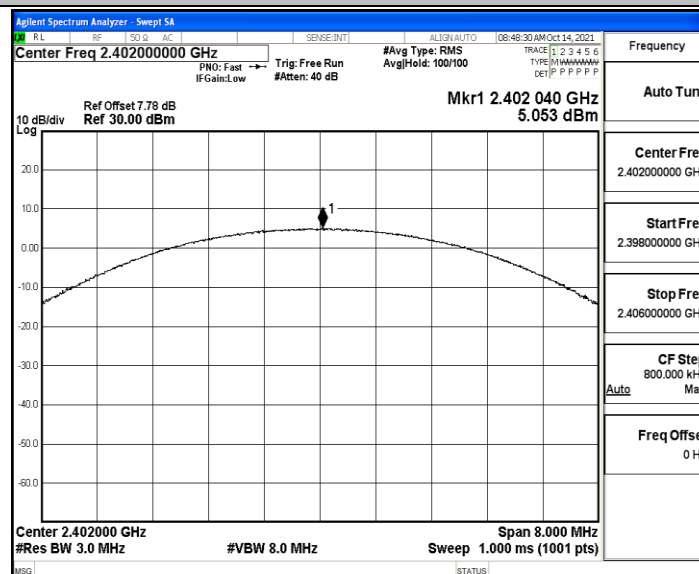




DH5_Ant1_2480

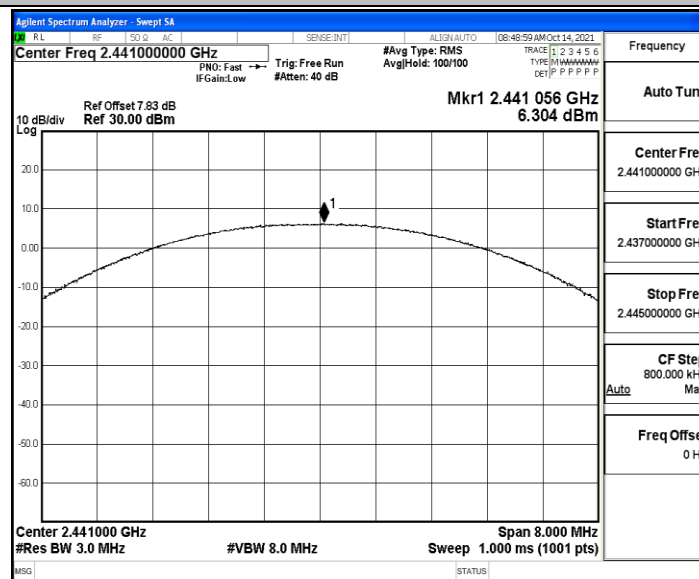


2DH5_Ant1_2402

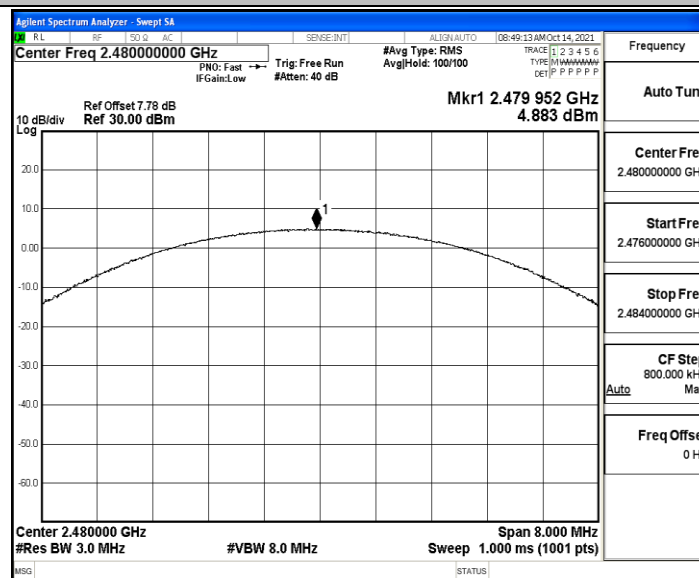




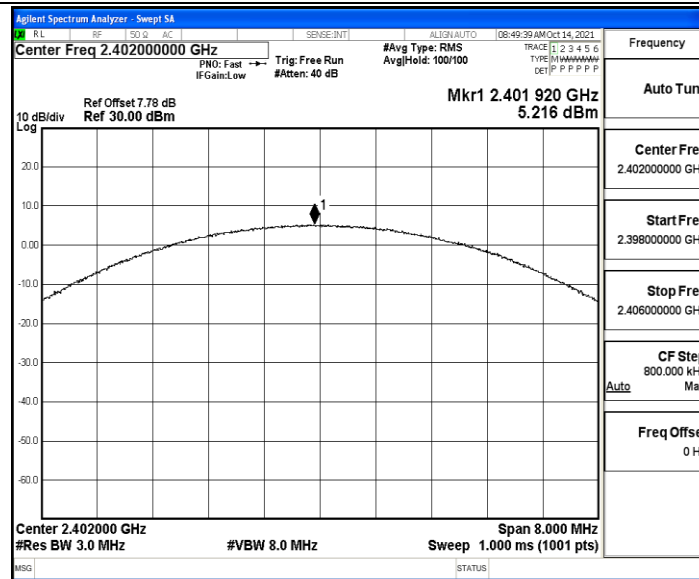
2DH5_Ant1_2441



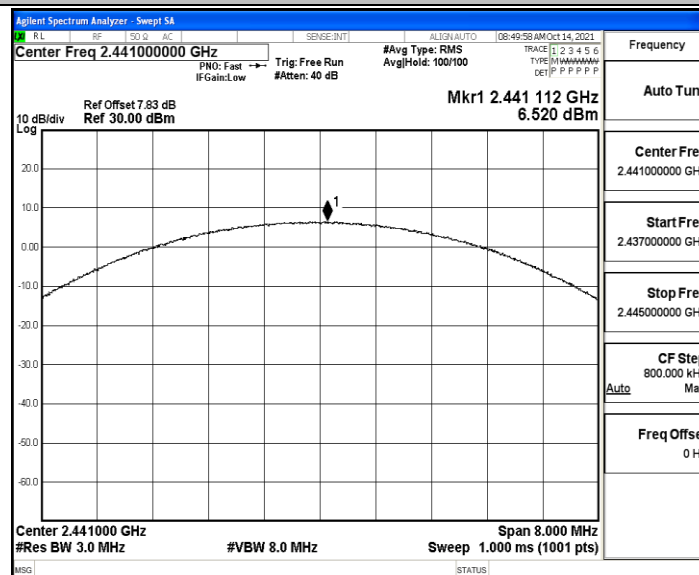
2DH5_Ant1_2480



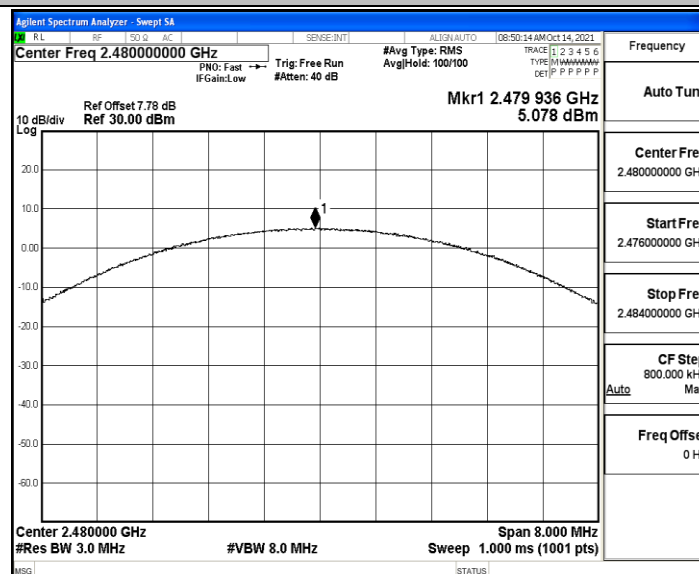
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



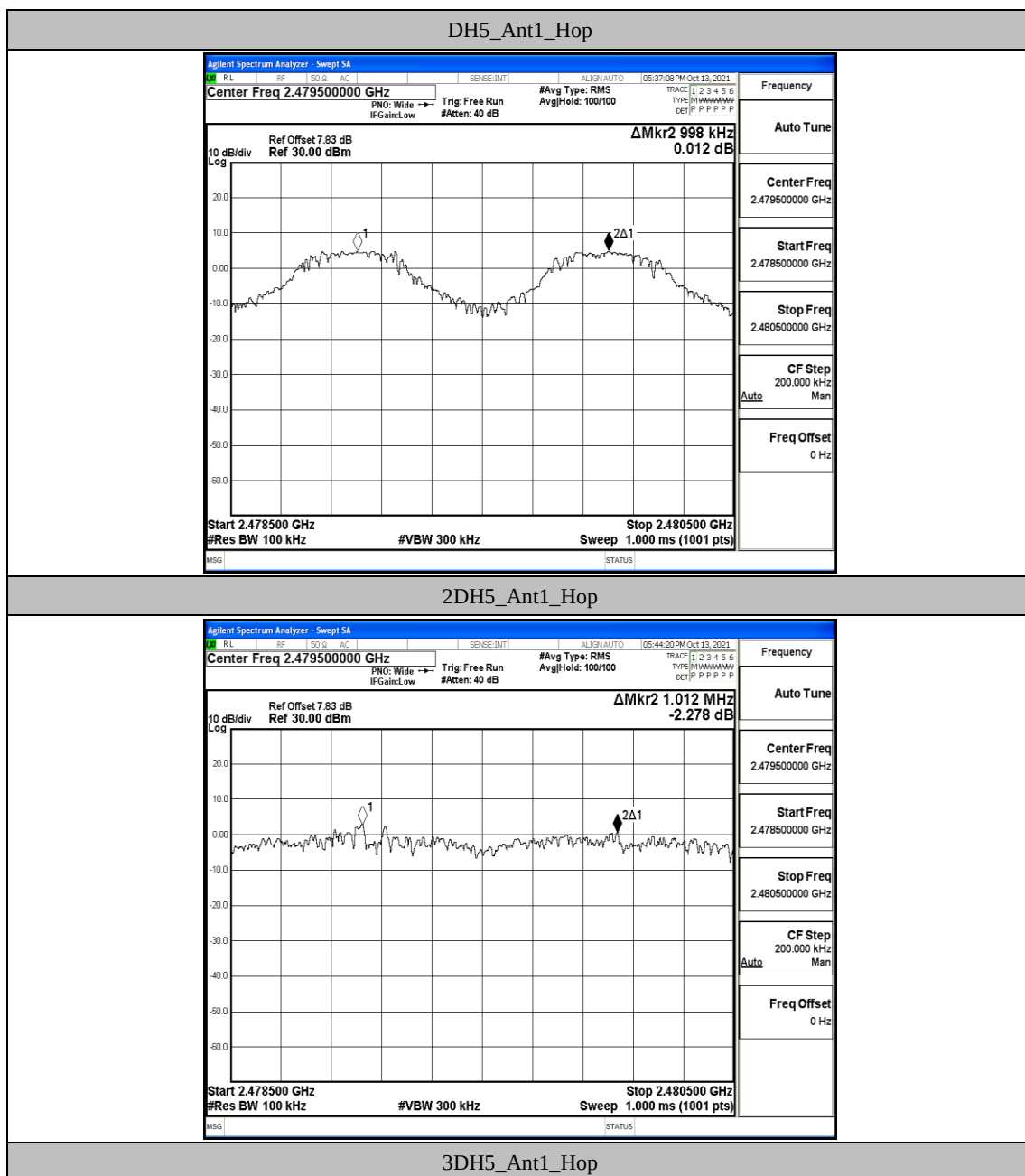


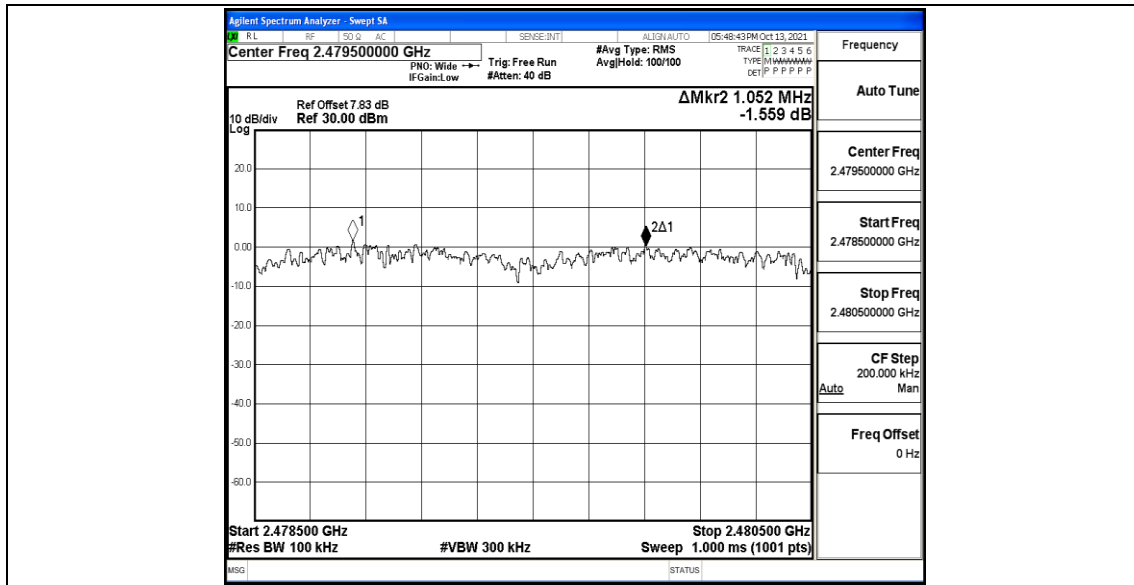
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.998	≥ 0.644	PASS
2DH5	Ant1	Hop	1.012	≥ 0.864	PASS
3DH5	Ant1	Hop	1.052	≥ 0.882	PASS

Test Graphs





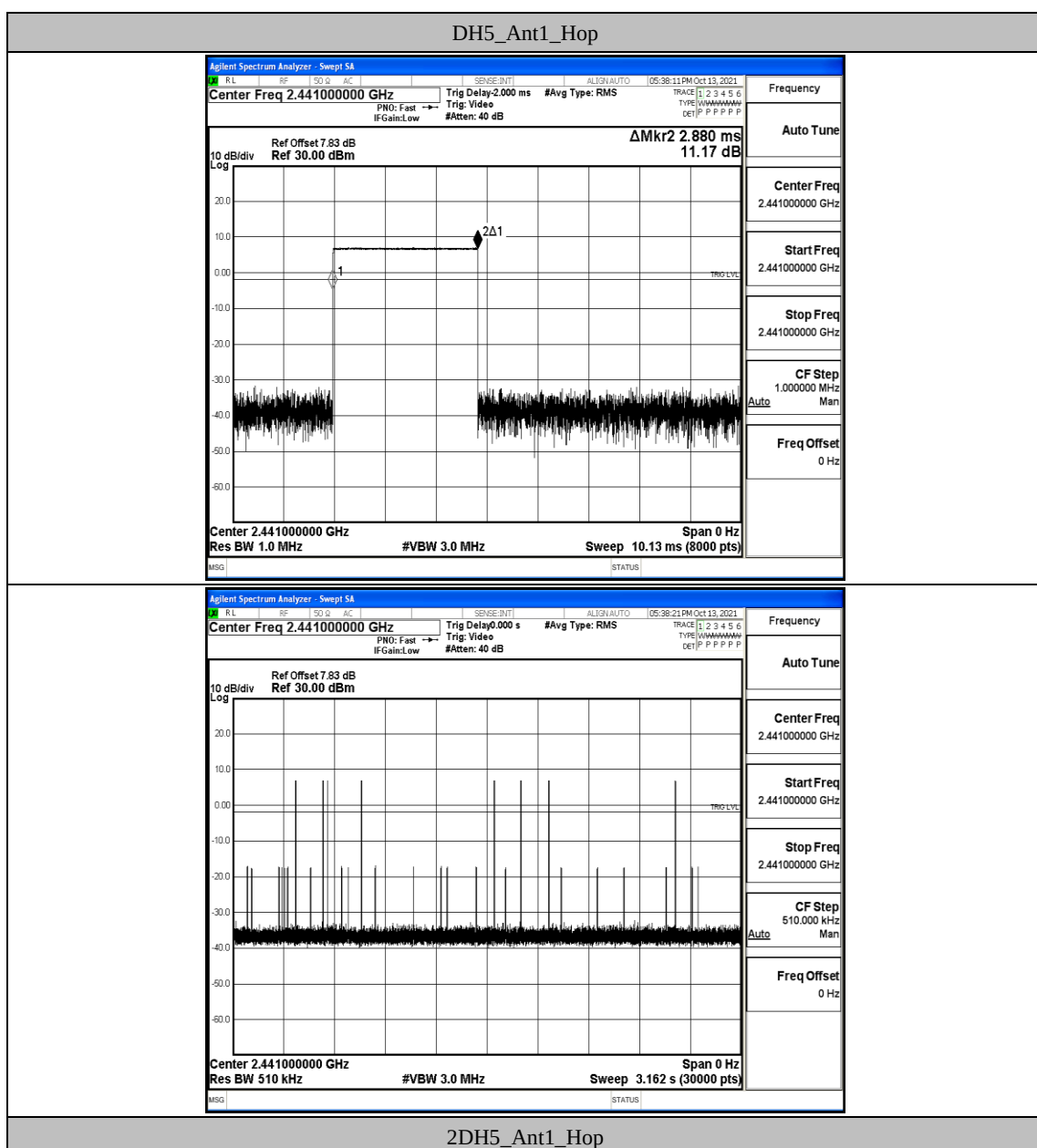


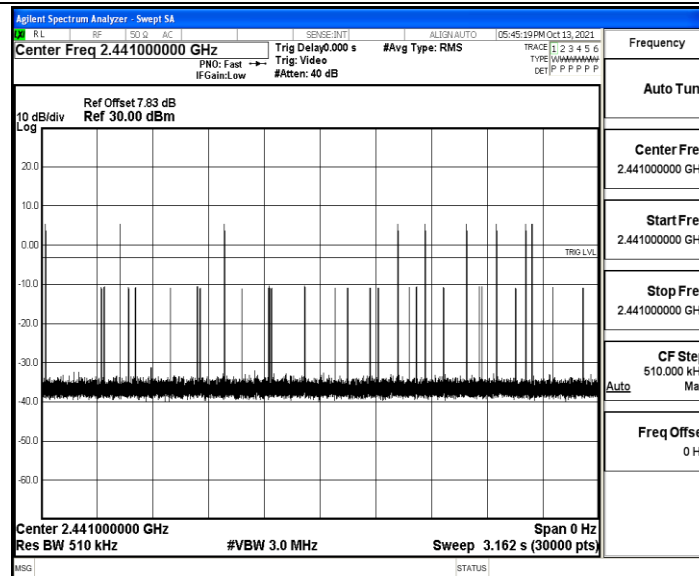
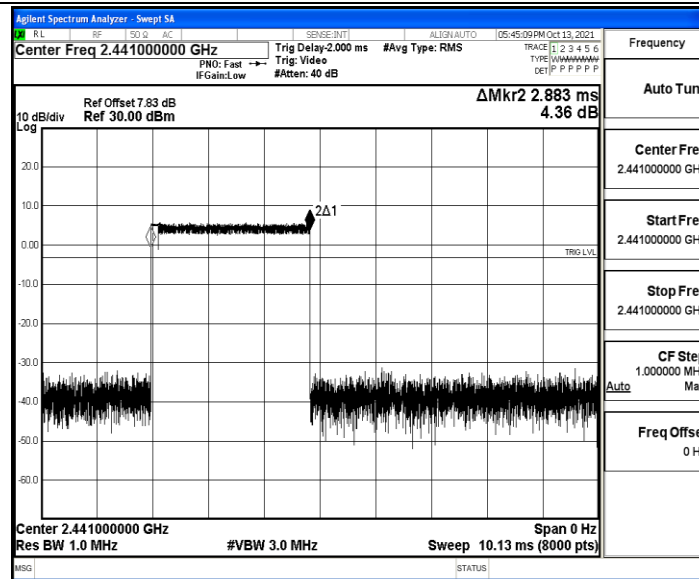
A.4 Time of occupancy

Test Result

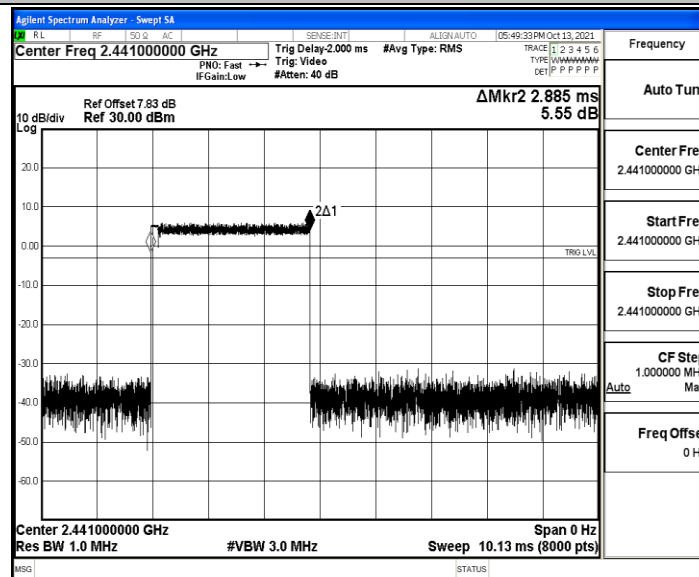
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	90	0.259	≤0.4	PASS
2DH5	Ant1	Hop	2.88	110	0.317	≤0.4	PASS
3DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS

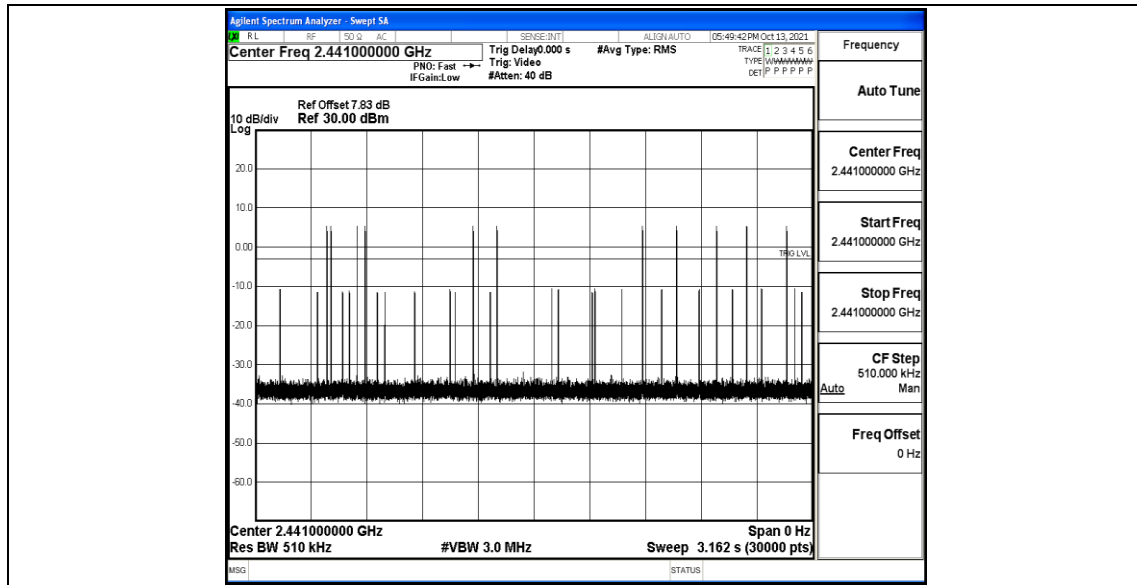
Test Graphs





3DH5_Ant1_Hop





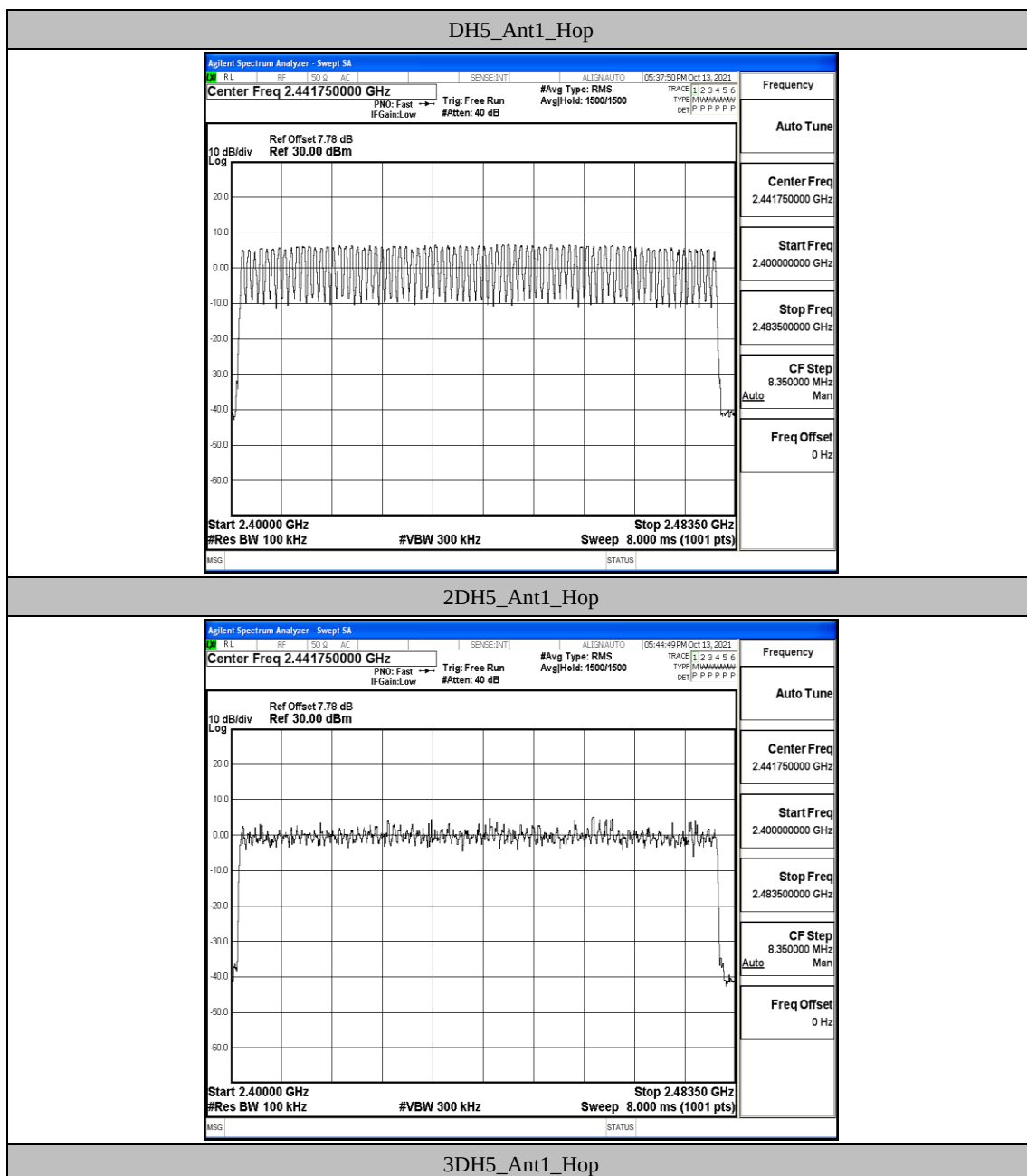


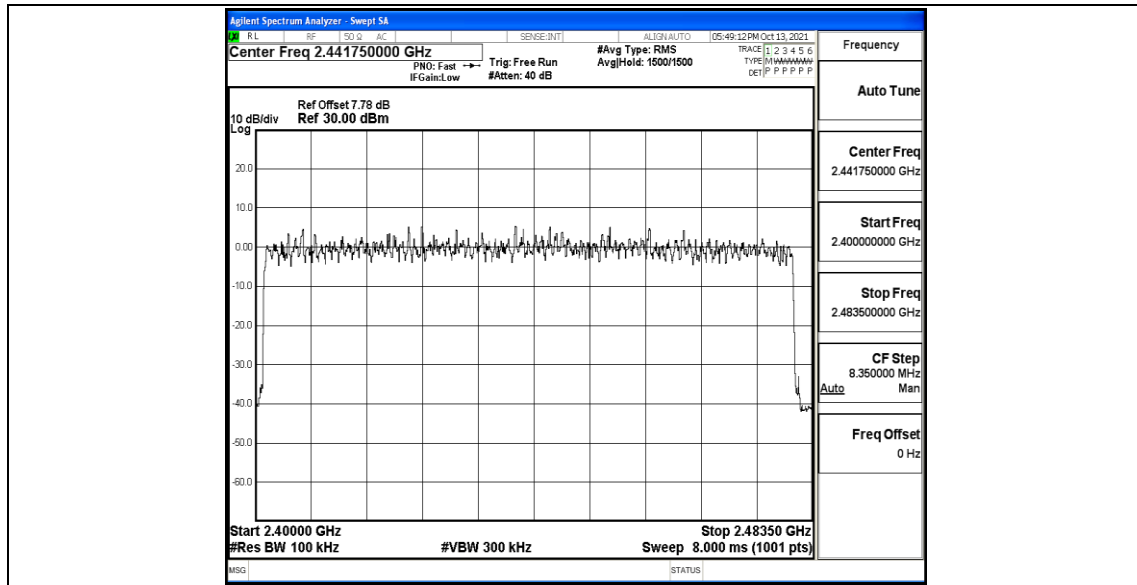
A.5 Number of hopping channels

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





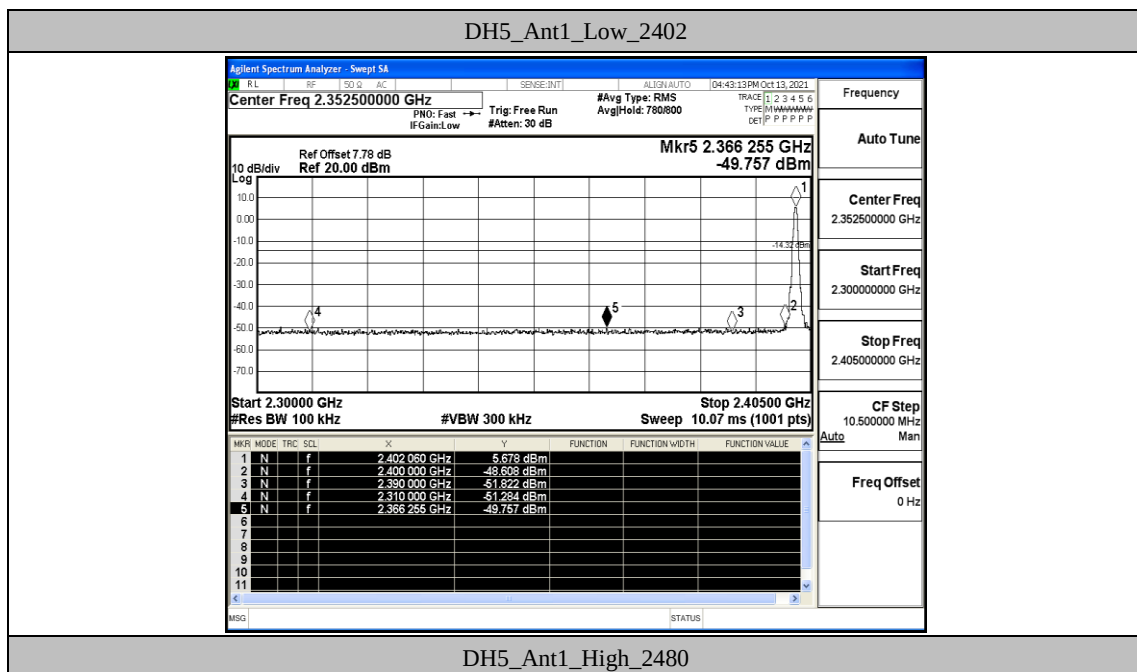


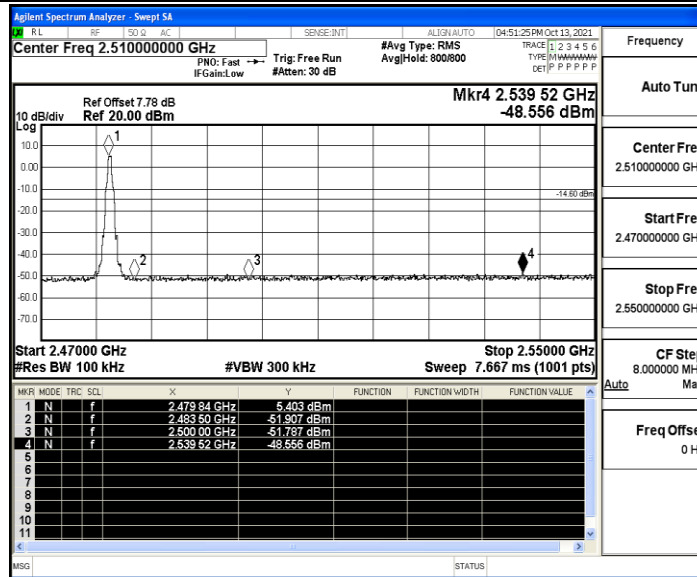
A.6 Band edge measurements

Test Result

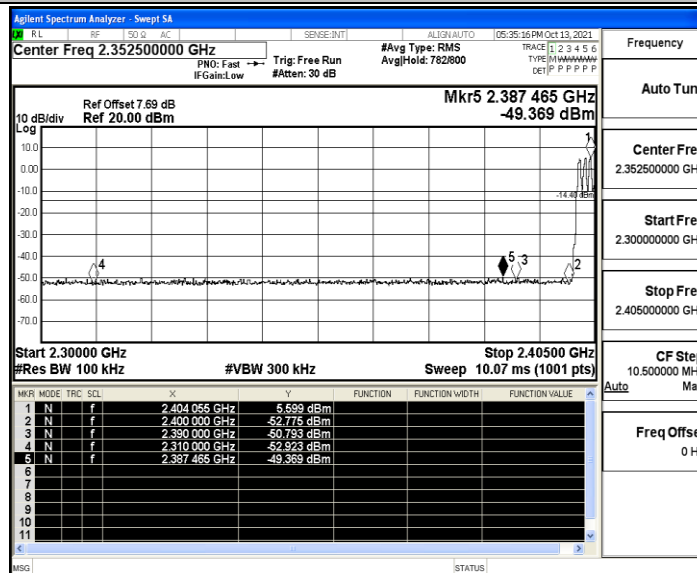
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.68	-49.76	≤-14.32	PASS
		High	2480	5.40	-48.56	≤-14.6	PASS
		Low	Hop_2402	5.60	-49.37	≤-14.4	PASS
		High	Hop_2480	5.47	-47.97	≤-14.53	PASS
2DH5	Ant1	Low	2402	4.11	-49.27	≤-15.89	PASS
		High	2480	4.02	-40.53	≤-15.98	PASS
		Low	Hop_2402	2.64	-49.69	≤-17.36	PASS
		High	Hop_2480	1.68	-44.2	≤-18.32	PASS
3DH5	Ant1	Low	2402	4.10	-48.82	≤-15.91	PASS
		High	2480	4.00	-48.03	≤-16	PASS
		Low	Hop_2402	0.71	-49.3	≤-19.29	PASS
		High	Hop_2480	2.13	-42.49	≤-17.87	PASS

Test Graphs

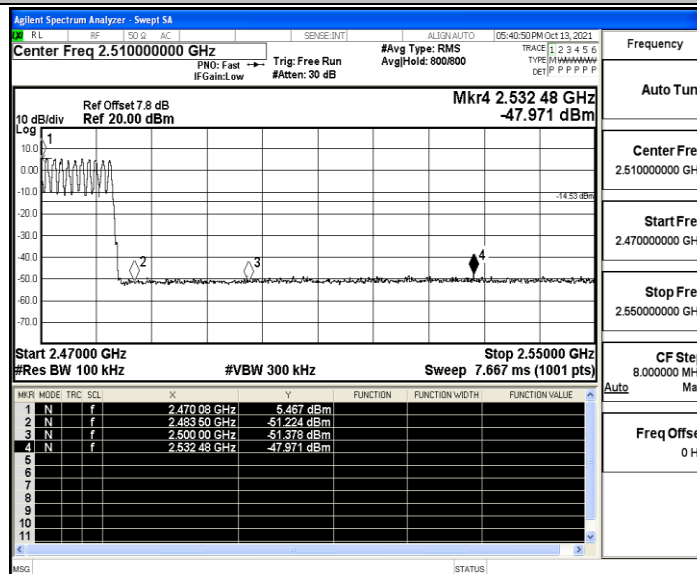




DH5_Ant1_Low_Hop_2402

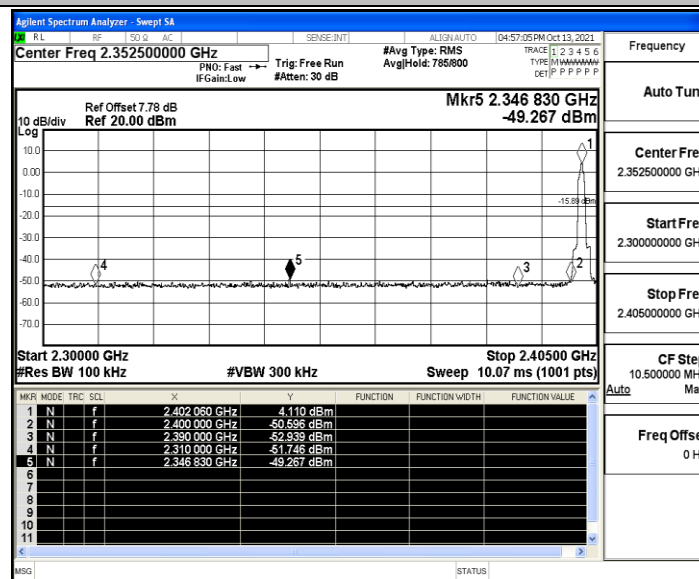


DH5_Ant1_High_Hop_2480

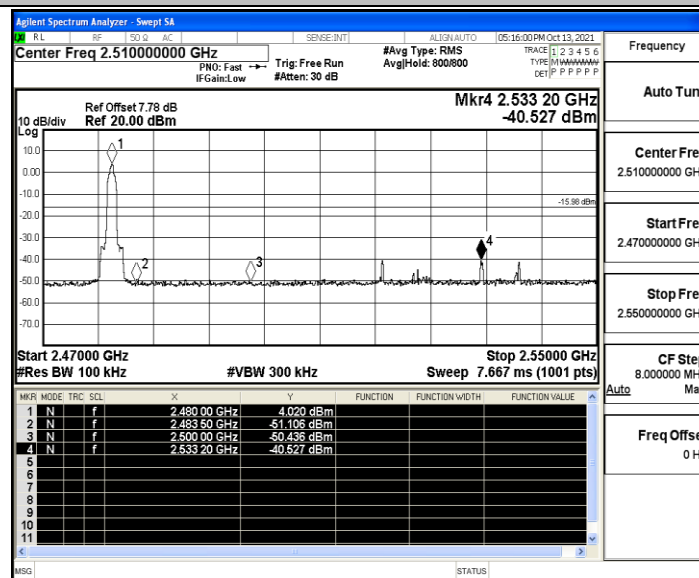




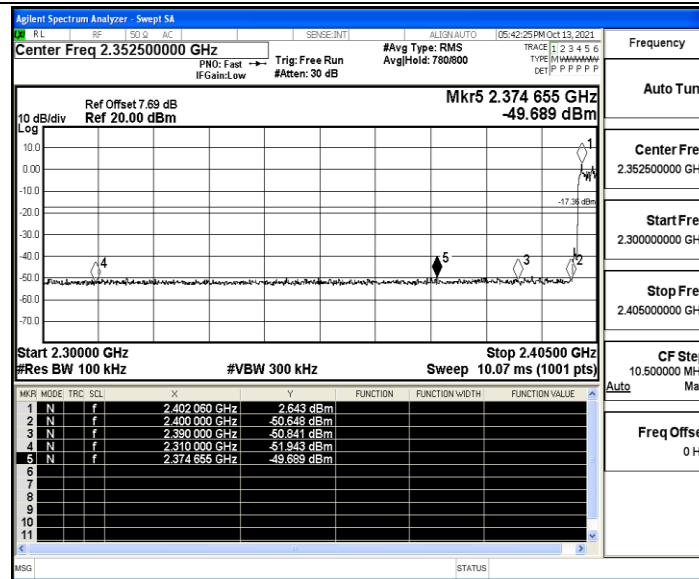
2DH5_Ant1_Low_2402



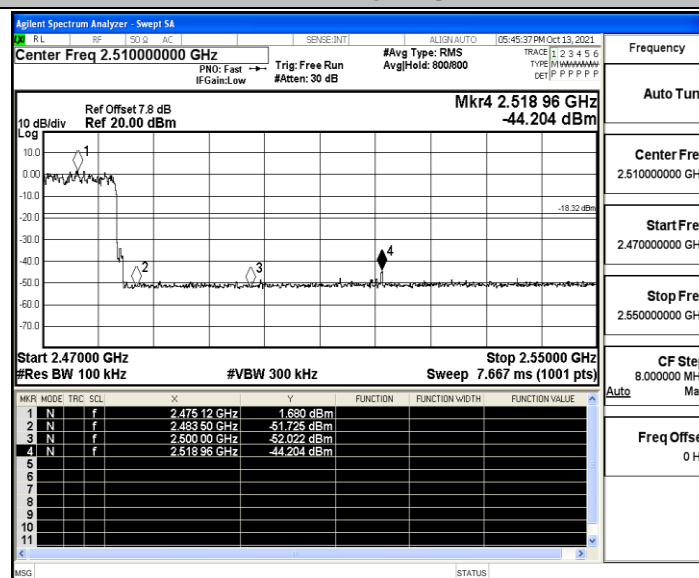
2DH5_Ant1_High_2480



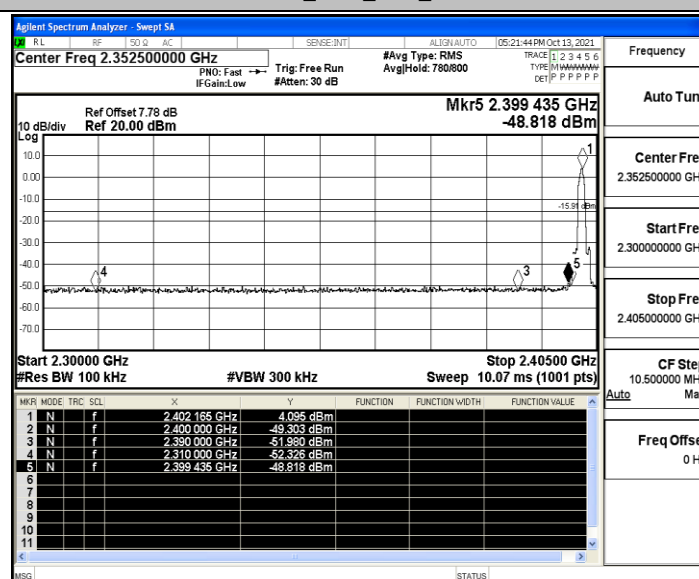
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

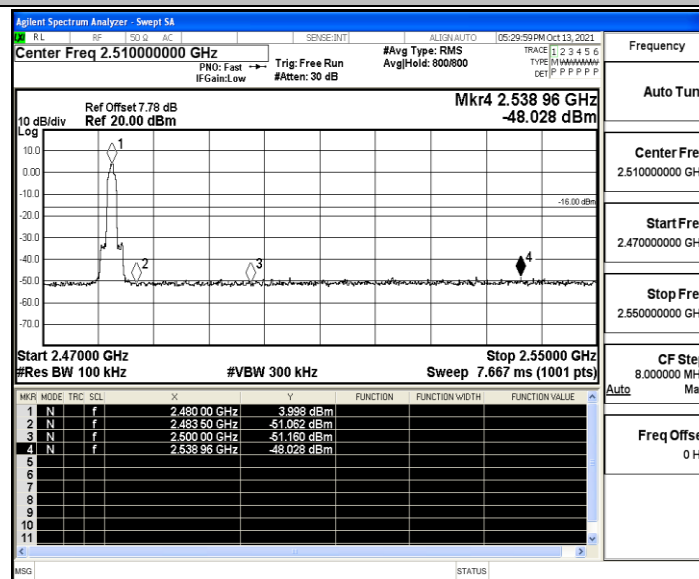


3DH5_Ant1_Low_2402

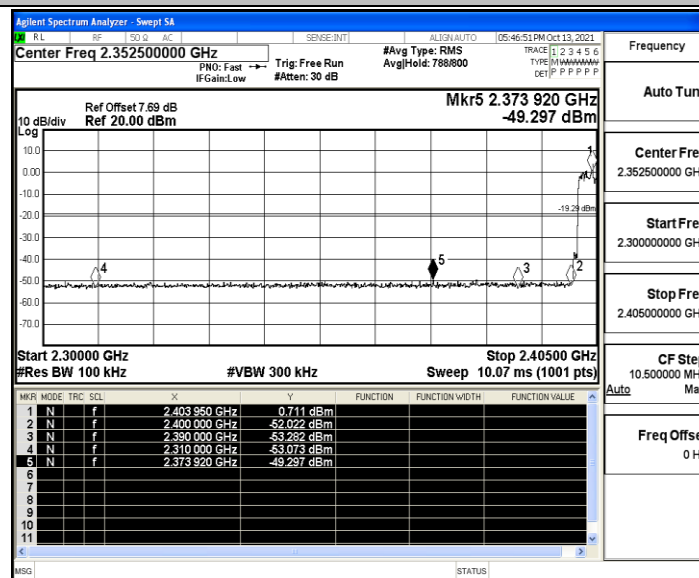




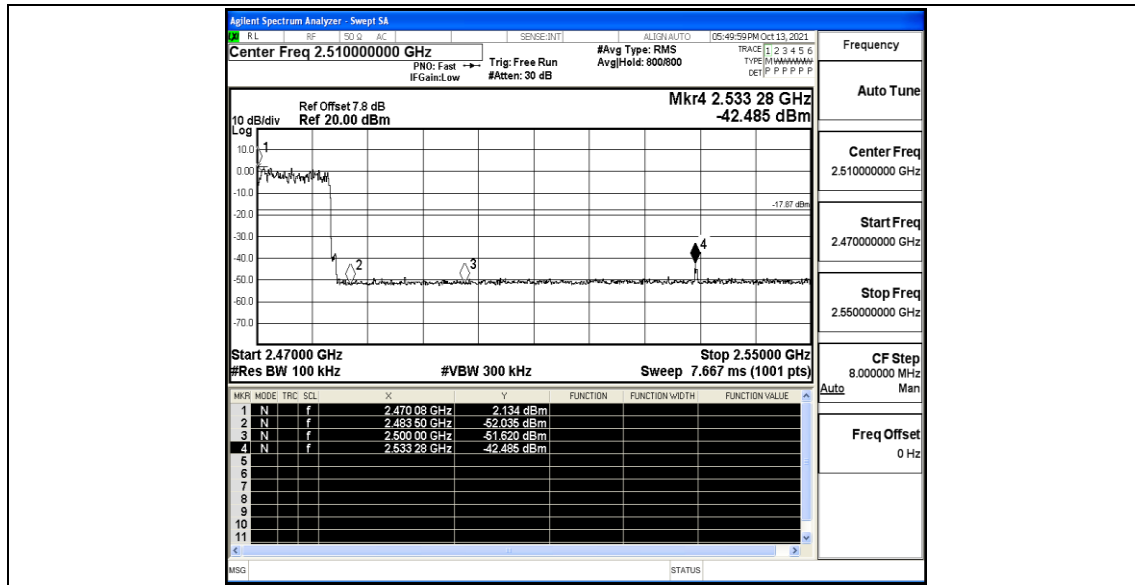
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





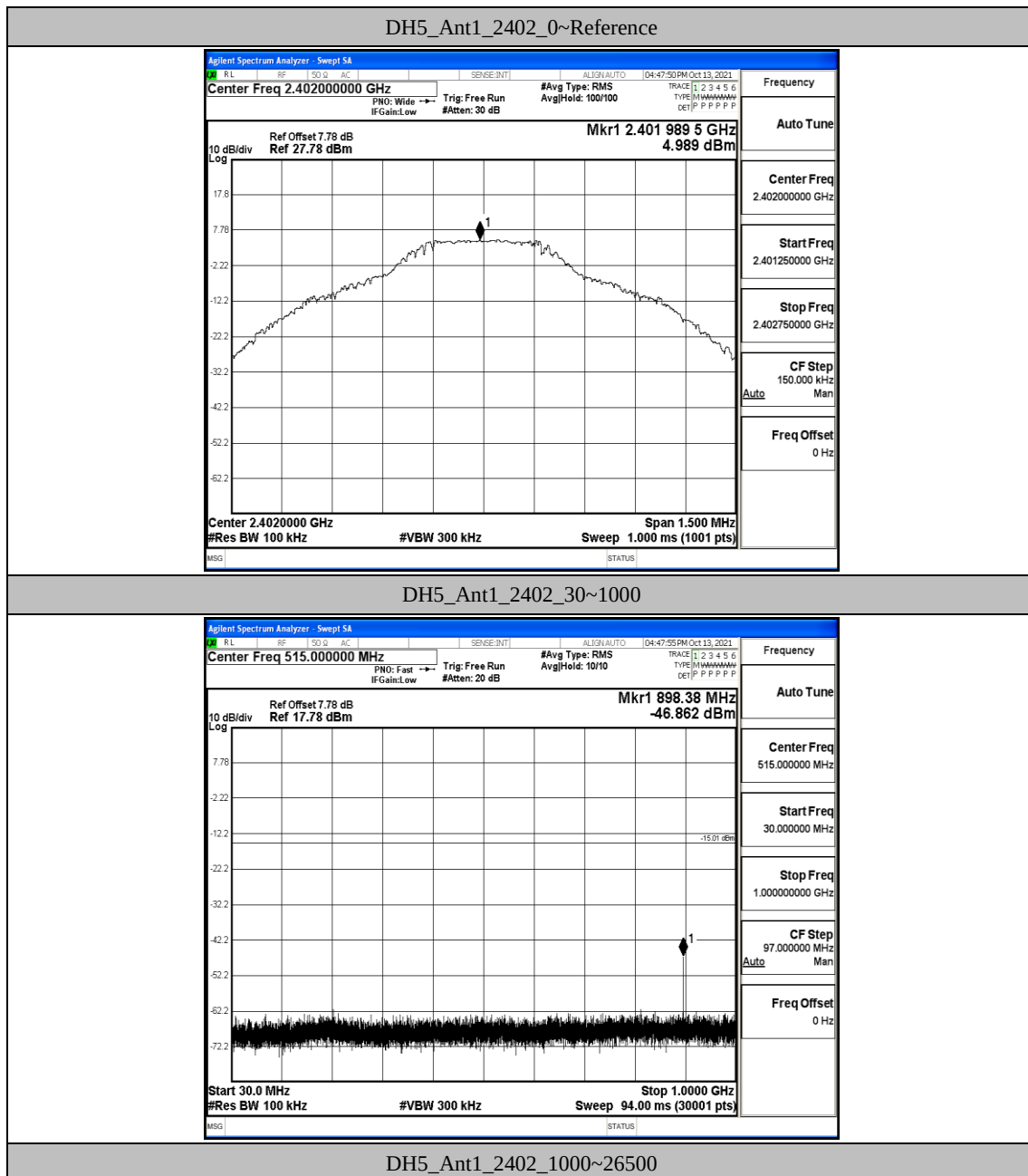
A.7 Conducted Spurious Emission

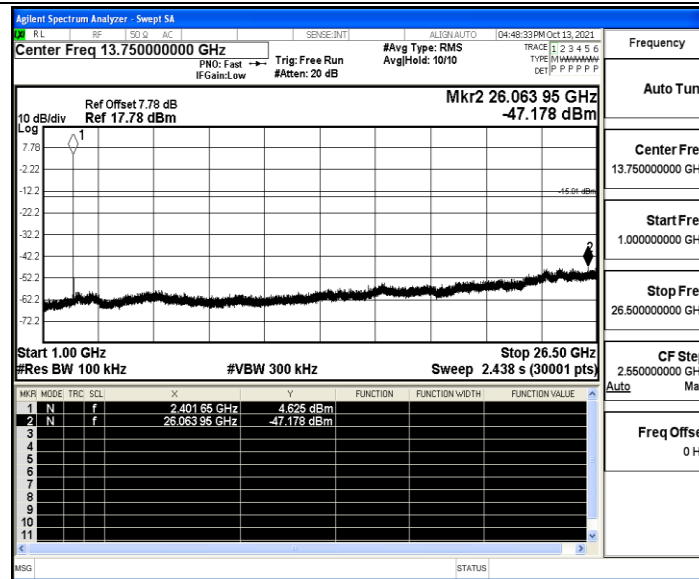
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.99	4.99	---	PASS
			30~1000	4.99	-46.86	≤ -15.01	PASS
			1000~26500	4.99	-47.18	≤ -15.01	PASS
		2441	Reference	6.66	6.66	---	PASS
			30~1000	6.66	-61.9	≤ -13.34	PASS
			1000~26500	6.66	-47.65	≤ -13.34	PASS
		2480	Reference	4.77	4.77	---	PASS
			30~1000	4.77	-60.92	≤ -15.23	PASS
			1000~26500	4.77	-47.1	≤ -15.23	PASS
2DH5	Ant1	2402	Reference	3.77	3.77	---	PASS
			30~1000	3.77	-61.42	≤ -16.23	PASS
			1000~26500	3.77	-47.33	≤ -16.23	PASS
		2441	Reference	1.93	1.93	---	PASS
			30~1000	1.93	-61.48	≤ -18.07	PASS
			1000~26500	1.93	-47.58	≤ -18.07	PASS
		2480	Reference	3.58	3.58	---	PASS
			30~1000	3.58	-61.37	≤ -16.42	PASS
			1000~26500	3.58	-46.87	≤ -16.42	PASS
3DH5	Ant1	2402	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-62.16	≤ -16.78	PASS
			1000~26500	3.22	-47.49	≤ -16.78	PASS
		2441	Reference	5.05	5.05	---	PASS
			30~1000	5.05	-61.77	≤ -14.95	PASS
			1000~26500	5.05	-47.39	≤ -14.95	PASS
		2480	Reference	3.86	3.86	---	PASS
			30~1000	3.86	-61.49	≤ -16.14	PASS
			1000~26500	3.86	-47.41	≤ -16.14	PASS

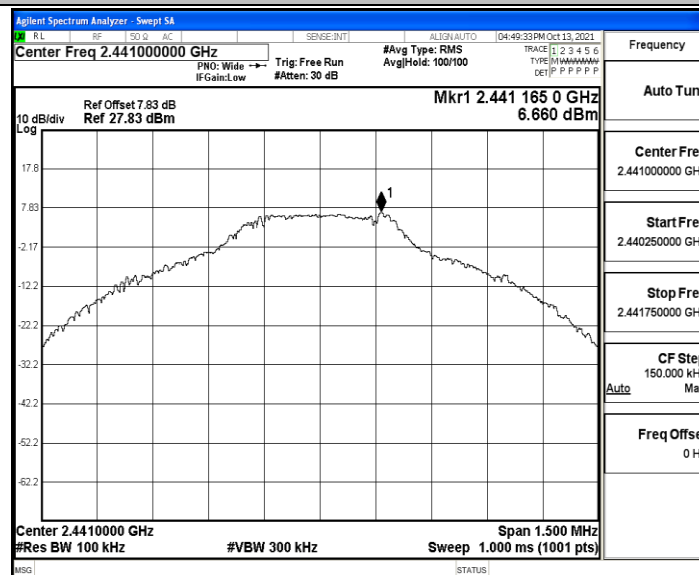


Test Graphs

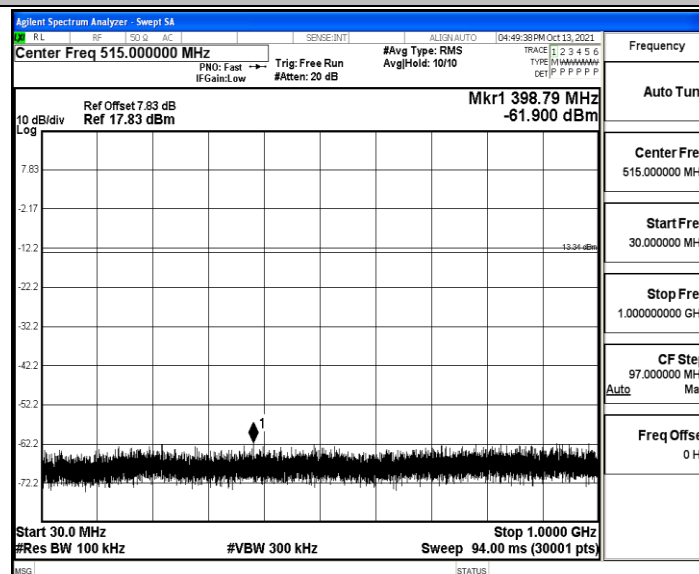




DH5_Ant1_2441_0~Reference

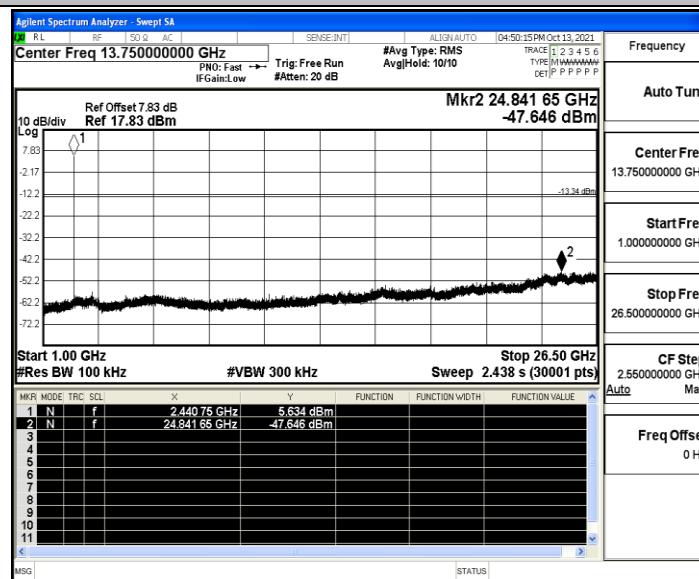


DH5_Ant1_2441_30~1000

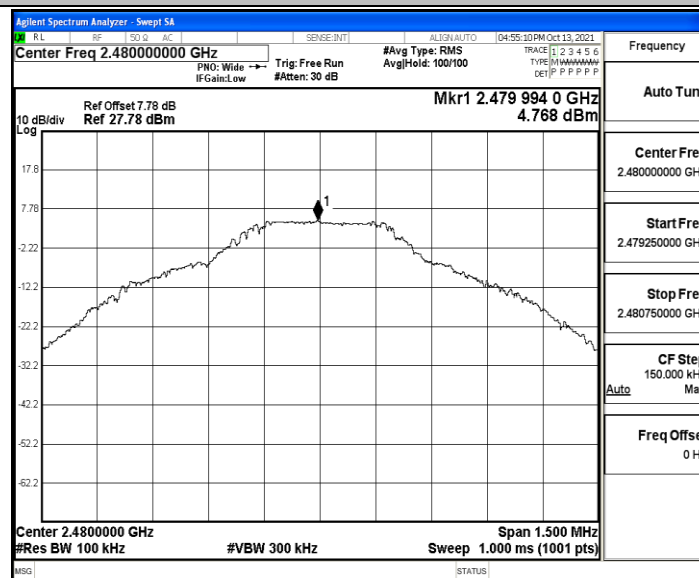




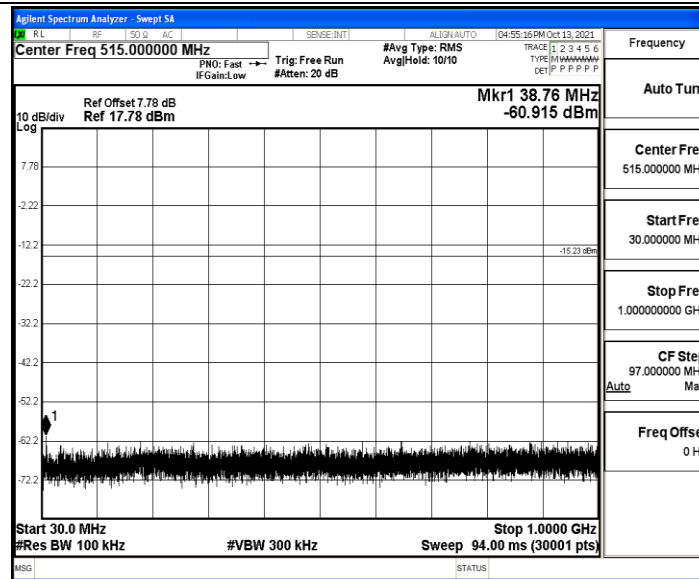
DH5_Ant1_2441_1000~26500



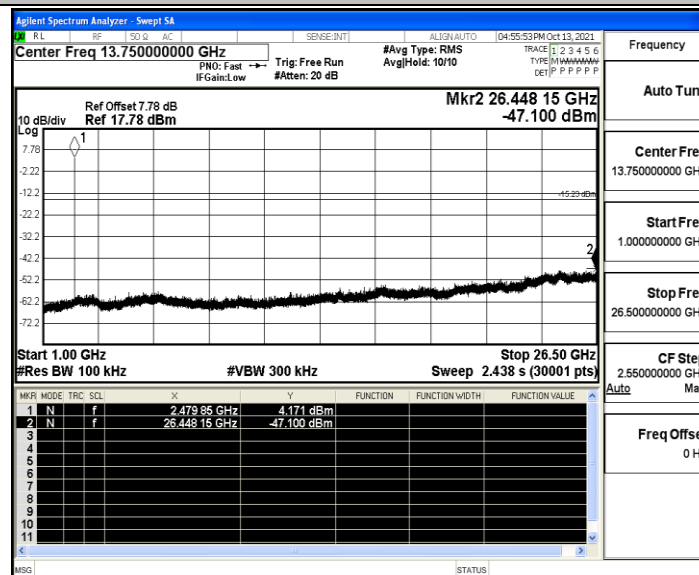
DH5_Ant1_2480_0~Reference



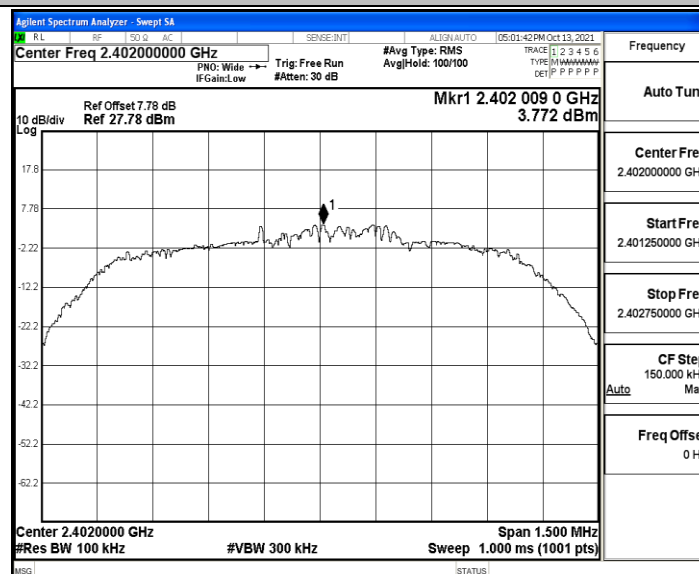
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

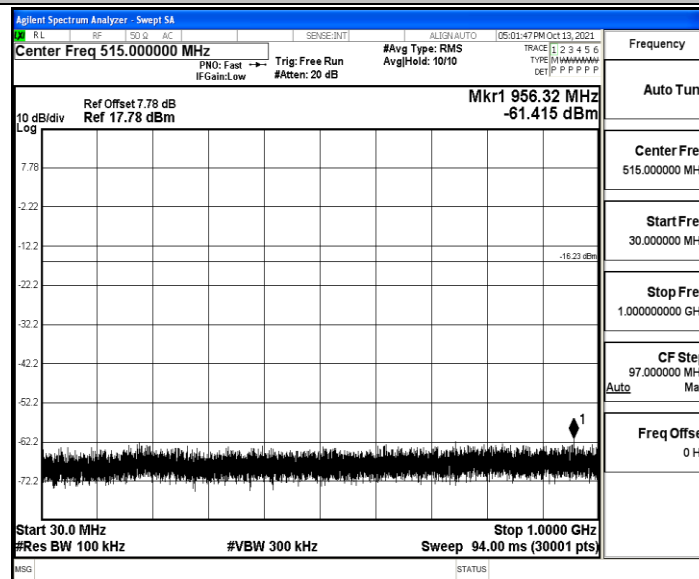


2DH5_Ant1_2402_0~Reference

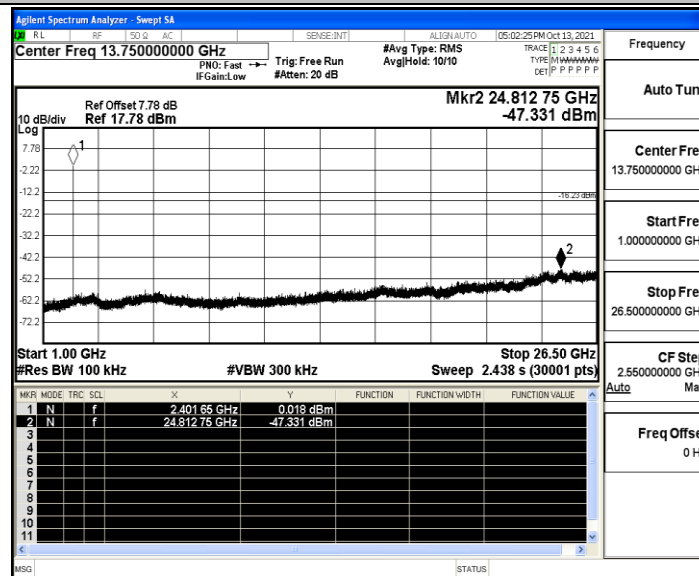




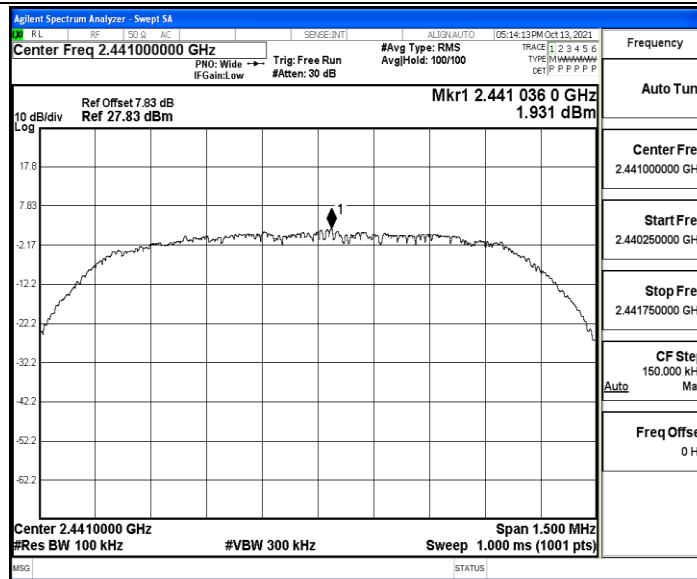
2DH5_Ant1_2402_30~1000



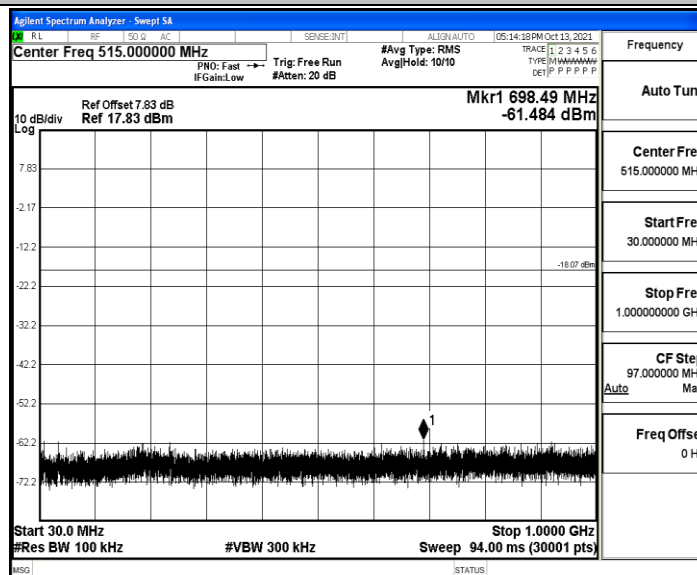
2DH5_Ant1_2402_1000~26500



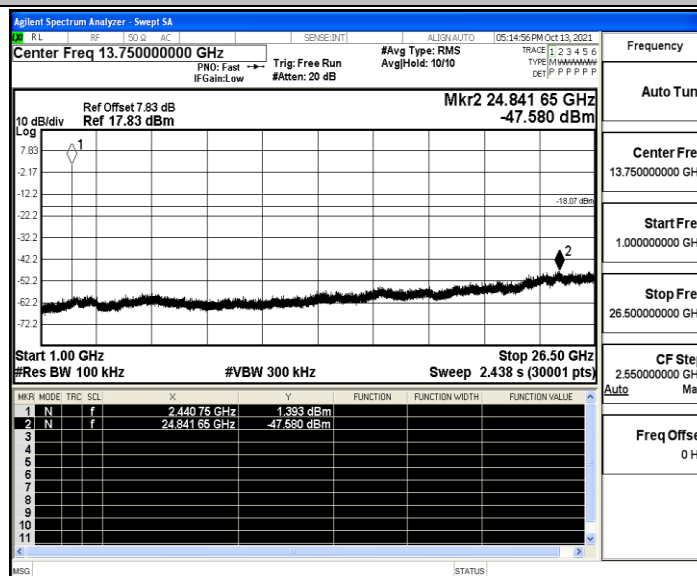
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

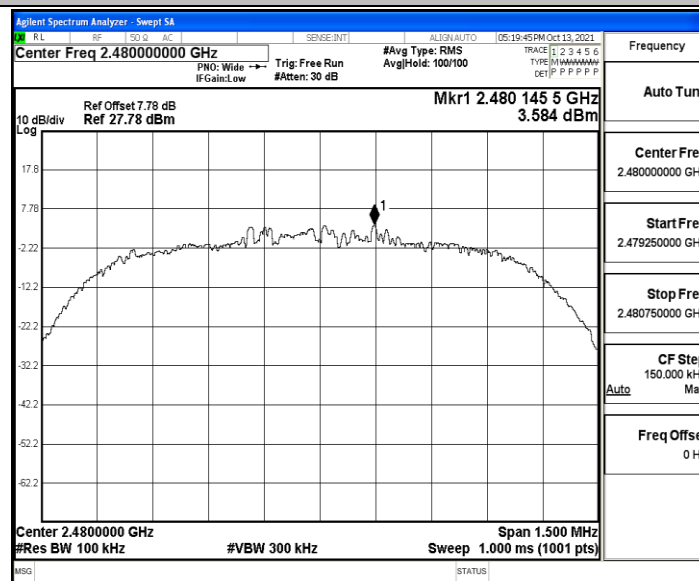


2DH5_Ant1_2441_1000~26500

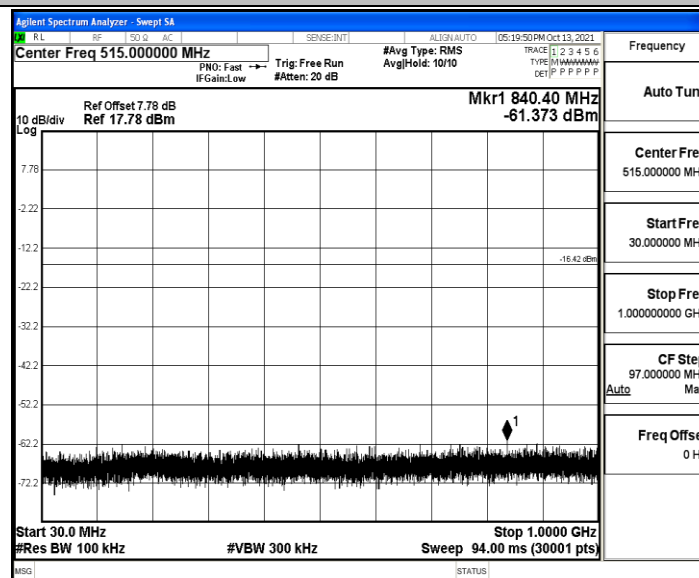




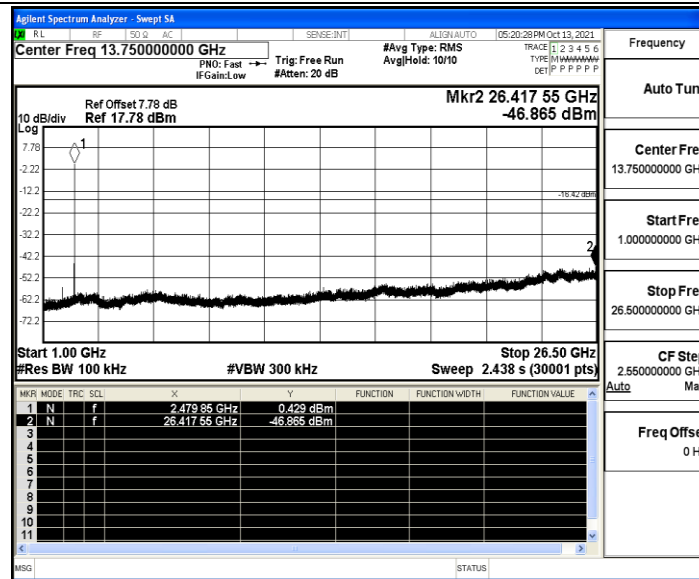
2DH5_Ant1_2480_0~Reference



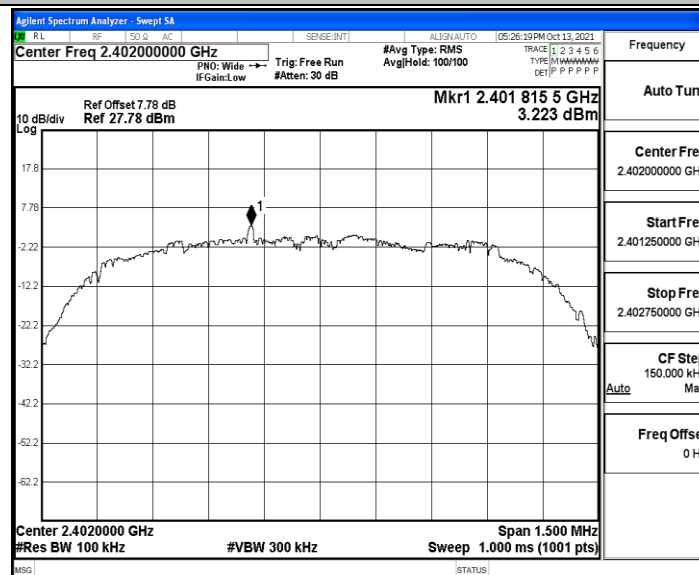
2DH5_Ant1_2480_30~1000



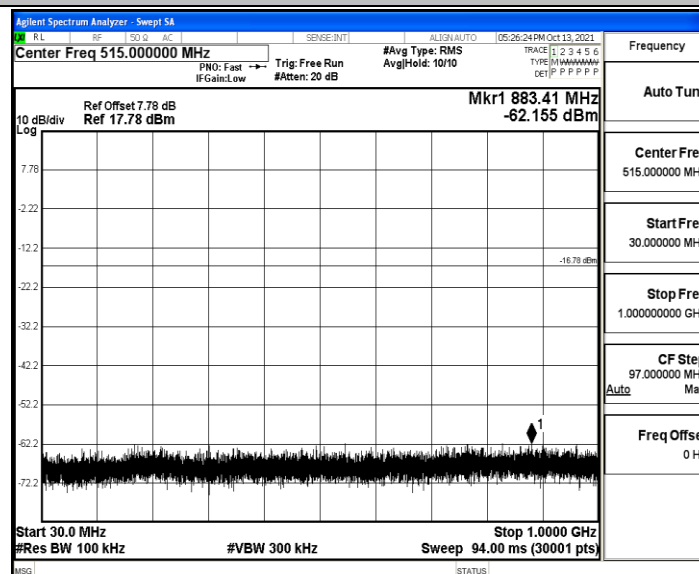
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

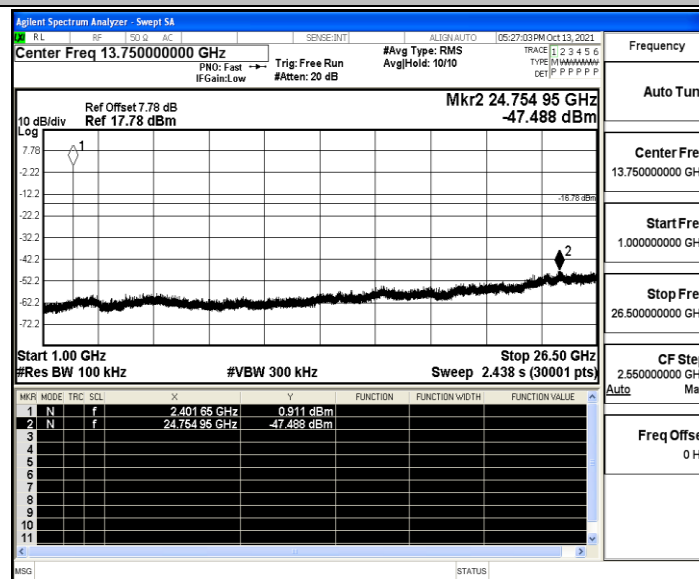


3DH5_Ant1_2402_30~1000

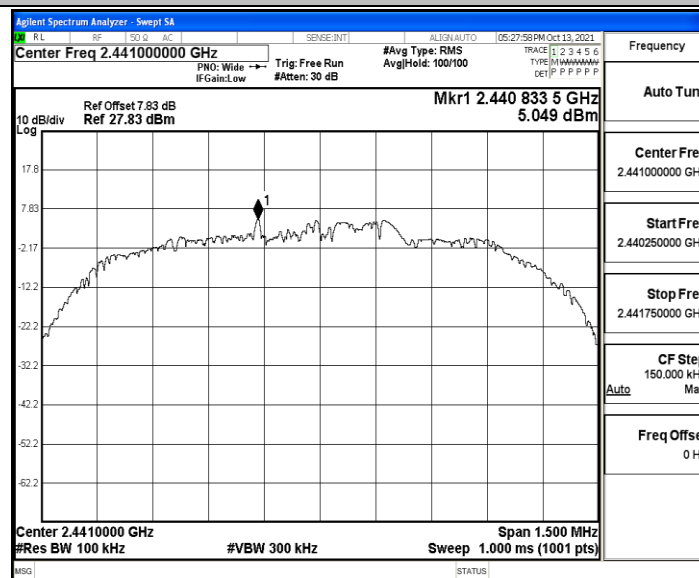




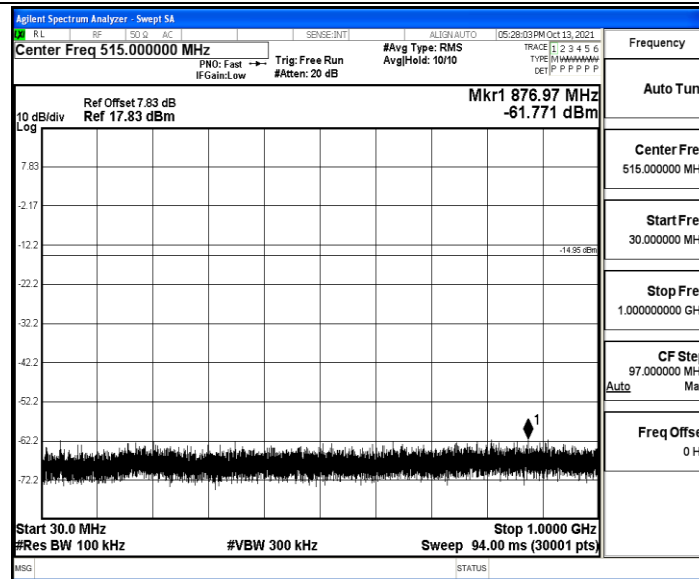
3DH5_Ant1_2402_1000~26500



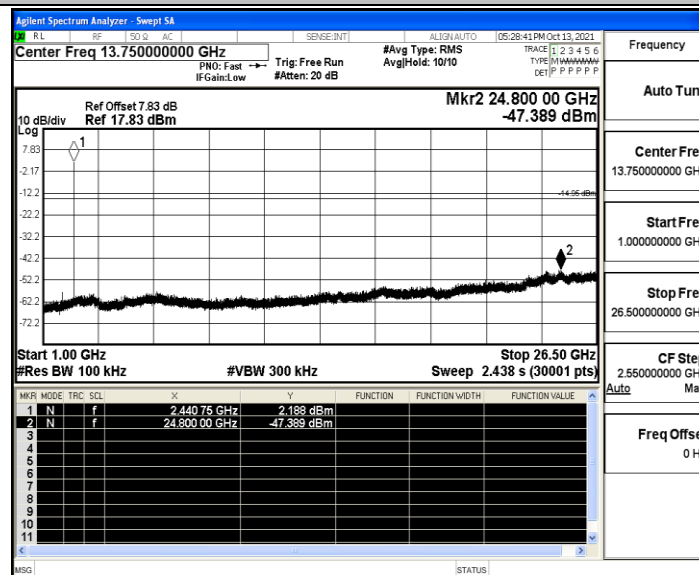
3DH5_Ant1_2441_0~Reference



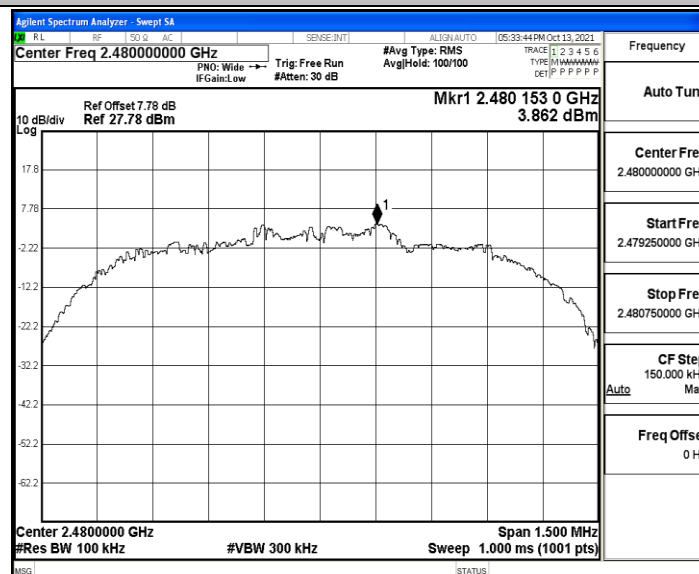
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

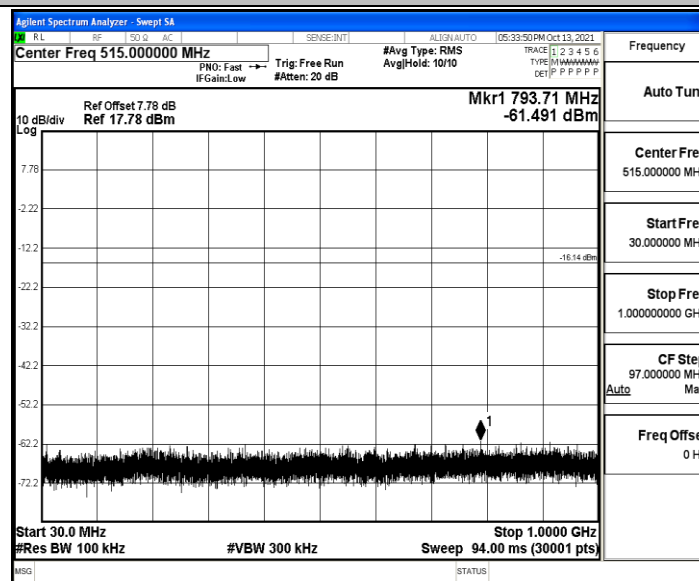


3DH5_Ant1_2480_0~Reference

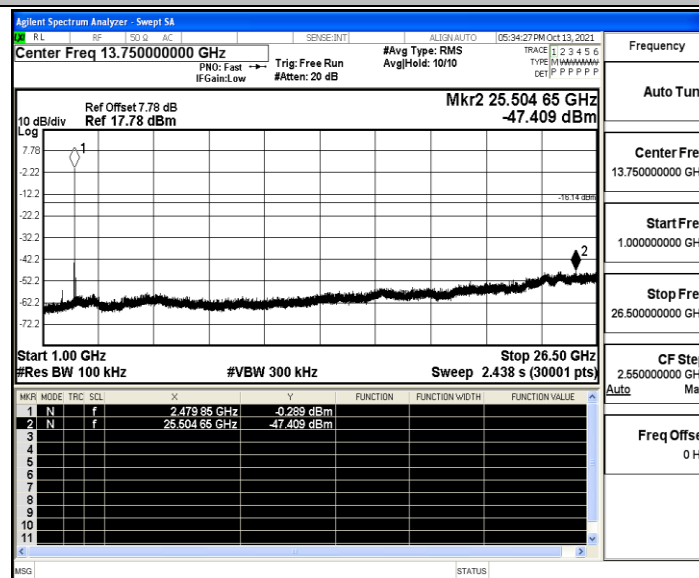




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2387.675	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2390.000	-48.52	≤-41.20	46.68	≤54	PASS
				Peak	2310.000	-40.86	≤-21.20	54.34	≤74	PASS
				Peak	2342.630	-37.84	≤-21.20	57.36	≤74	PASS
				Peak	2390.000	-39.46	≤-21.20	55.74	≤74	PASS
		High	2480	AV	2483.500	-47.25	≤-41.20	47.95	≤54	PASS
				AV	2483.520	-47.25	≤-41.20	47.95	≤54	PASS
				AV	2500.000	-47.97	≤-41.20	47.23	≤54	PASS
				Peak	2483.500	-38.85	≤-21.20	56.35	≤74	PASS
				Peak	2498.080	-37.9	≤-21.20	57.30	≤74	PASS
				Peak	2500.000	-39.44	≤-21.20	55.76	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.81	≤-41.20	46.39	≤54	PASS
				AV	2385.575	-48.42	≤-41.20	46.78	≤54	PASS
				AV	2390.000	-48.53	≤-41.20	46.67	≤54	PASS
				Peak	2310.000	-41.07	≤-21.20	54.13	≤74	PASS
				Peak	2387.885	-38.01	≤-21.20	57.19	≤74	PASS
				Peak	2390.000	-40.49	≤-21.20	54.71	≤74	PASS
		High	2480	AV	2483.500	-47.04	≤-41.20	48.16	≤54	PASS
				AV	2483.520	-47.04	≤-41.20	48.16	≤54	PASS
				AV	2500.000	-47.97	≤-41.20	47.23	≤54	PASS
				Peak	2483.500	-39.94	≤-21.20	55.26	≤74	PASS
				Peak	2494.480	-37.67	≤-21.20	57.53	≤74	PASS
				Peak	2500.000	-39.35	≤-21.20	55.85	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.91	≤-41.20	46.29	≤54	PASS
				AV	2379.275	-48.42	≤-41.20	46.78	≤54	PASS
				AV	2390.000	-48.5	≤-41.20	46.70	≤54	PASS
				Peak	2310.000	-40.95	≤-21.20	54.25	≤74	PASS
				Peak	2315.225	-38.21	≤-21.20	56.99	≤74	PASS
				Peak	2390.000	-39.7	≤-21.20	55.50	≤74	PASS
		High	2480	AV	2483.500	-46.97	≤-41.20	48.23	≤54	PASS
				AV	2483.520	-46.97	≤-41.20	48.23	≤54	PASS
				AV	2500.000	-47.99	≤-41.20	47.21	≤54	PASS
				Peak	2483.500	-38.82	≤-21.20	56.38	≤74	PASS
				Peak	2497.680	-37.66	≤-21.20	57.54	≤74	PASS
				Peak	2500.000	-39.55	≤-21.20	55.65	≤74	PASS



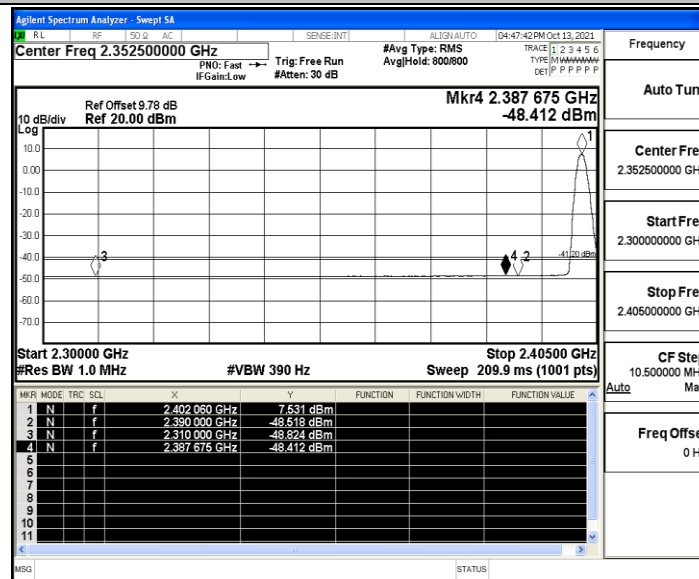
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

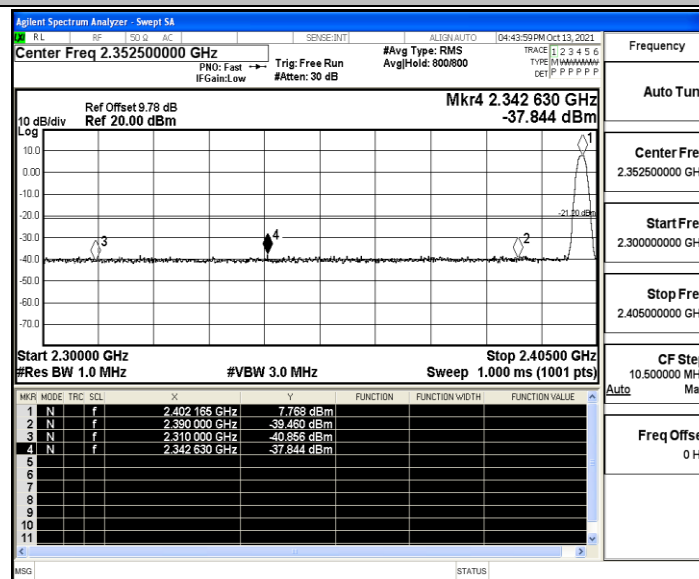


Test Graphs

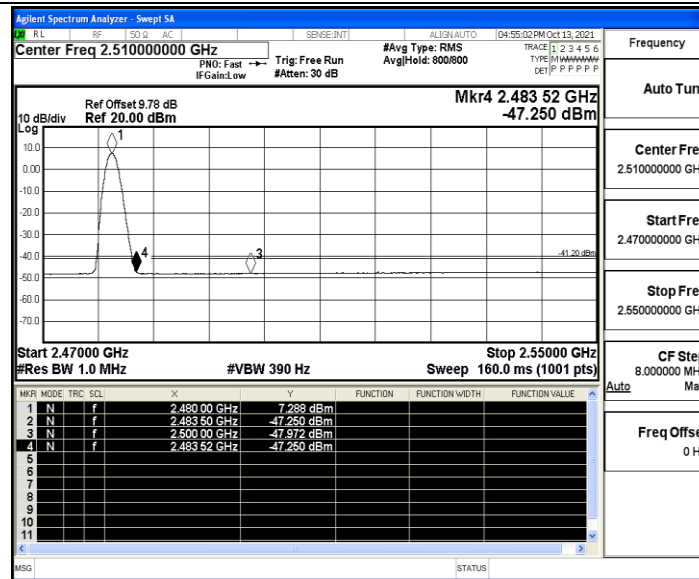
DH5_Ant1_Low_2402_AV



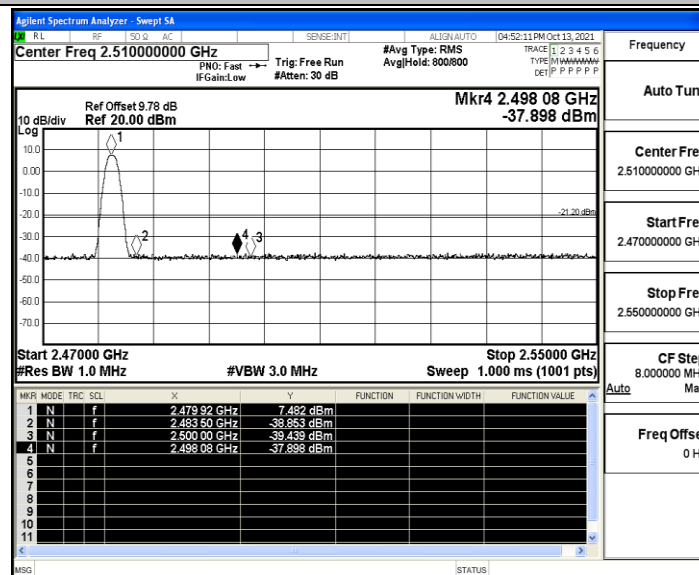
DH5_Ant1_Low_2402_Peak



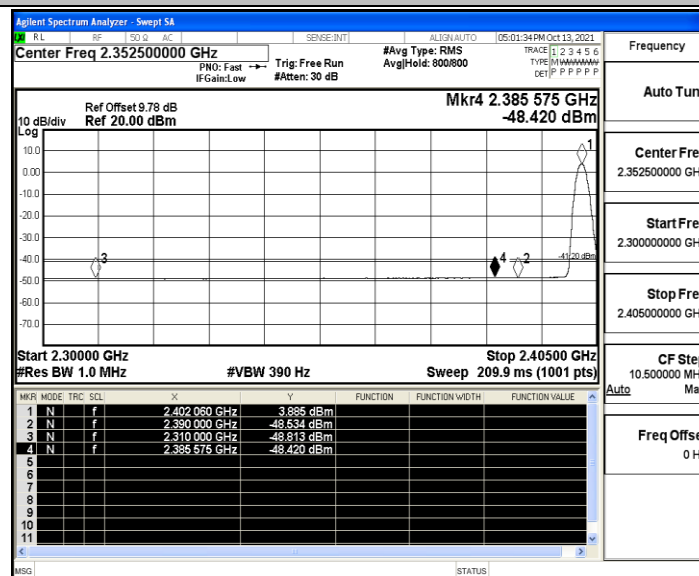
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

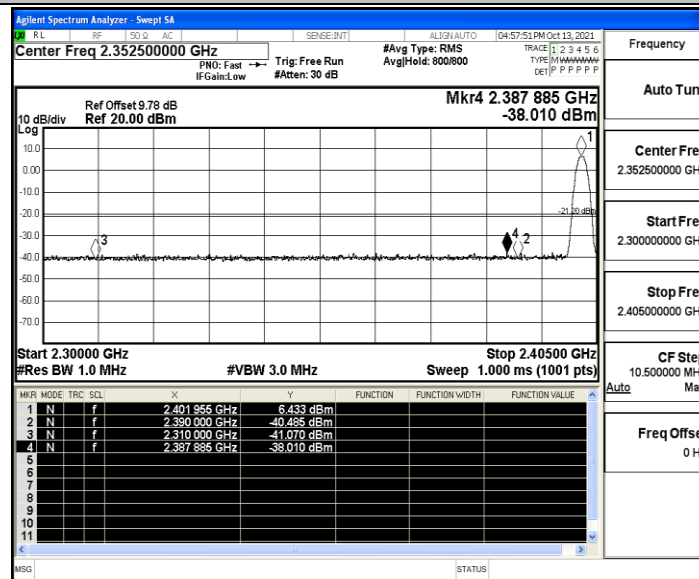


2DH5_Ant1_Low_2402_AV

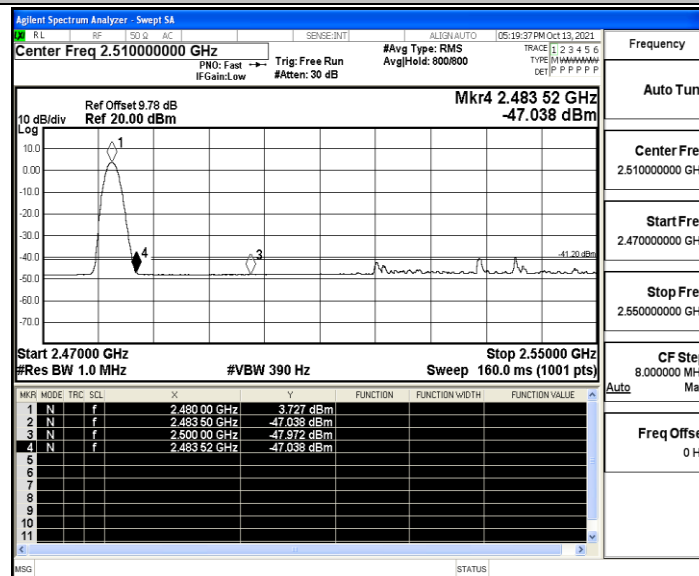




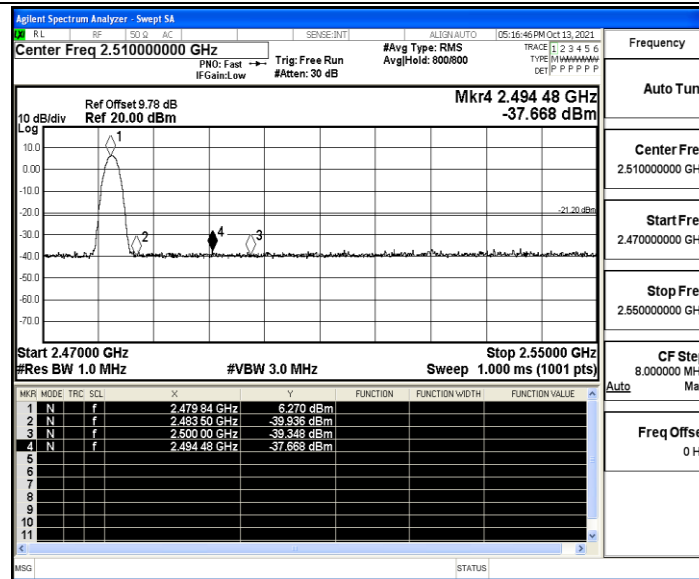
2DH5_Ant1_Low_2402_Peak



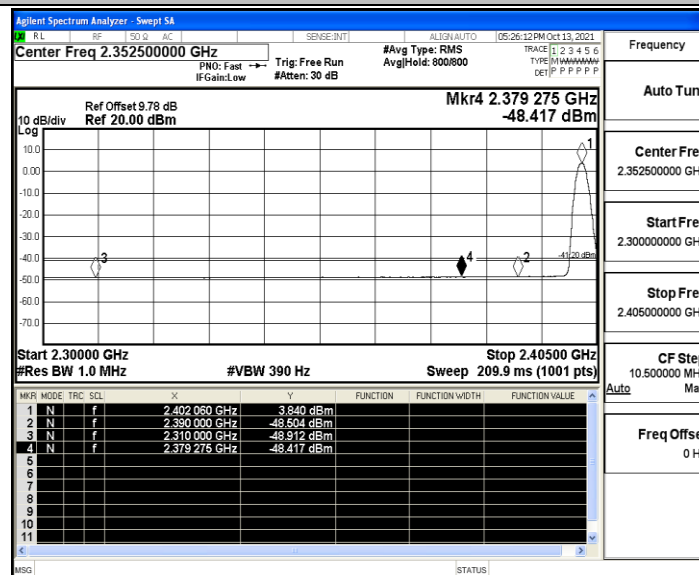
2DH5_Ant1_High_2480_AV



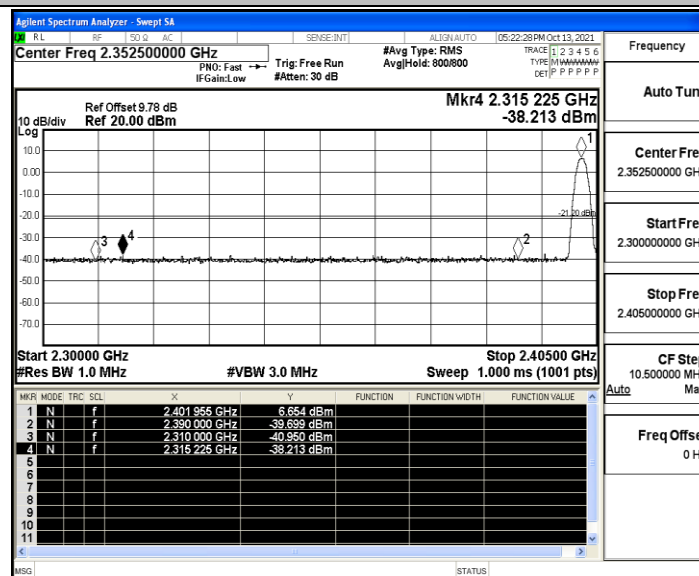
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

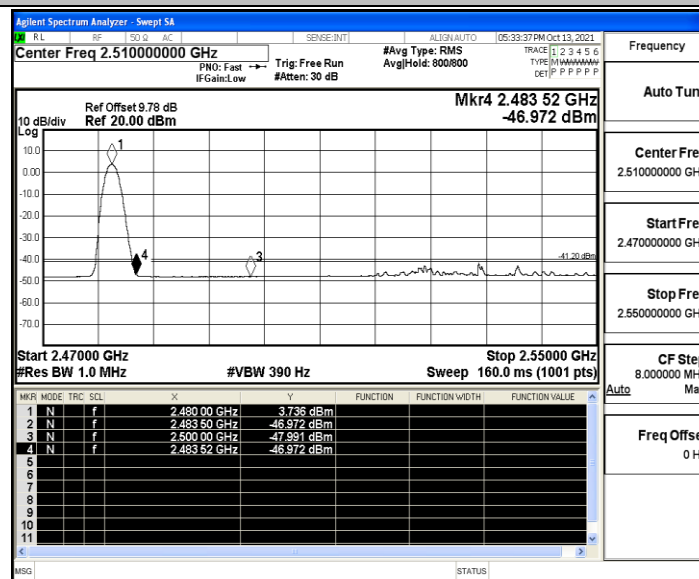


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

