



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: TABLET DVD COMBO

Test Model: SLTDVD1024-B

Environmental Conditions

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



A.1 20dB Emission Bandwidth

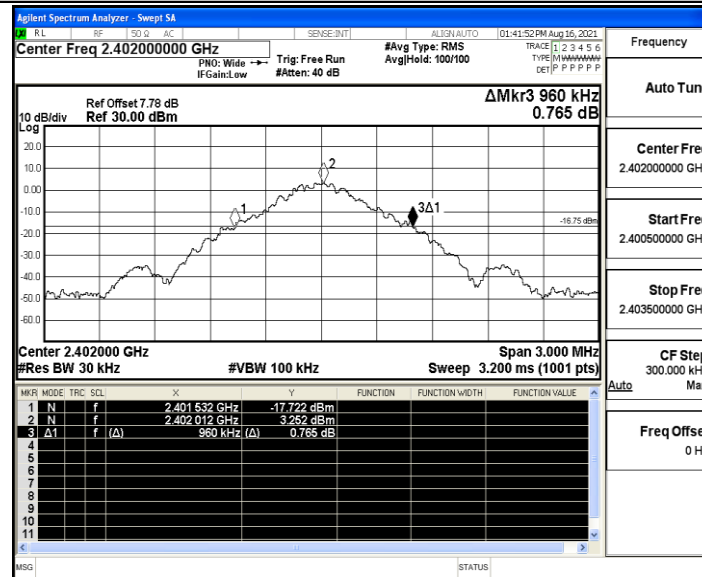
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.532	2402.492	---	PASS
		2441	0.981	2440.520	2441.501	---	PASS
		2480	0.969	2479.526	2480.495	---	PASS
2DH5	Ant1	2402	1.317	2401.343	2402.660	---	PASS
		2441	1.287	2440.364	2441.651	---	PASS
		2480	1.305	2479.349	2480.654	---	PASS
3DH5	Ant1	2402	1.290	2401.352	2402.642	---	PASS
		2441	1.308	2440.349	2441.657	---	PASS
		2480	1.341	2479.328	2480.669	---	PASS

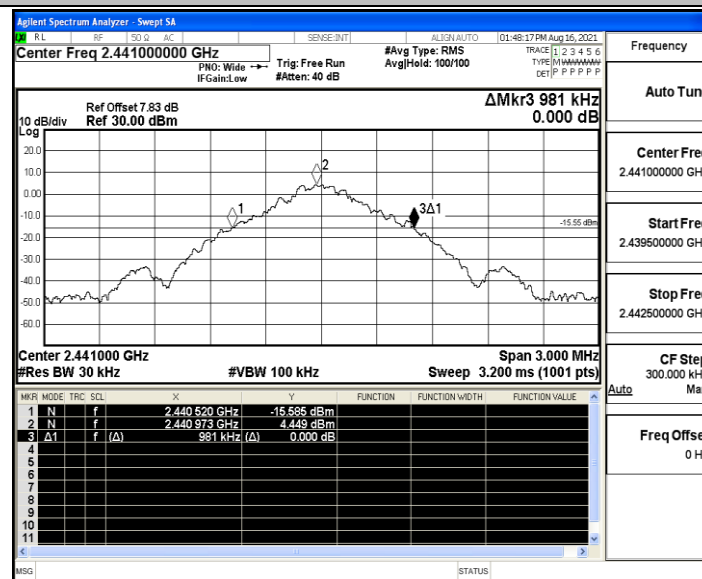


Test Graphs

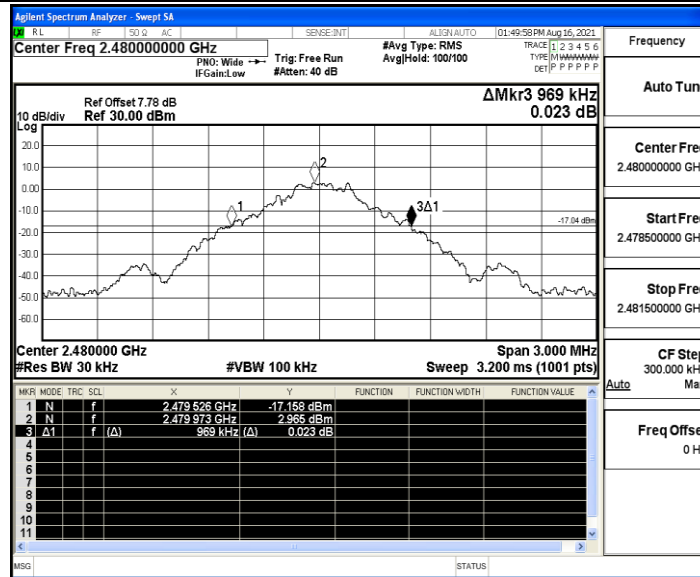
DH5_Ant1_2402



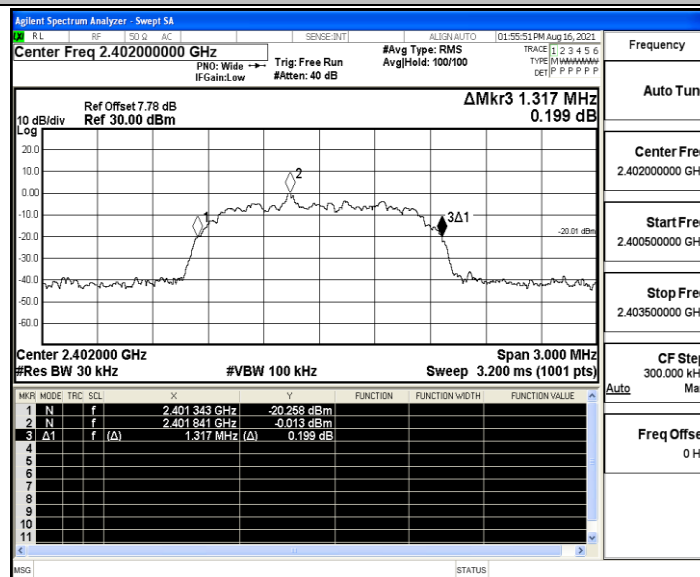
DH5_Ant1_2441



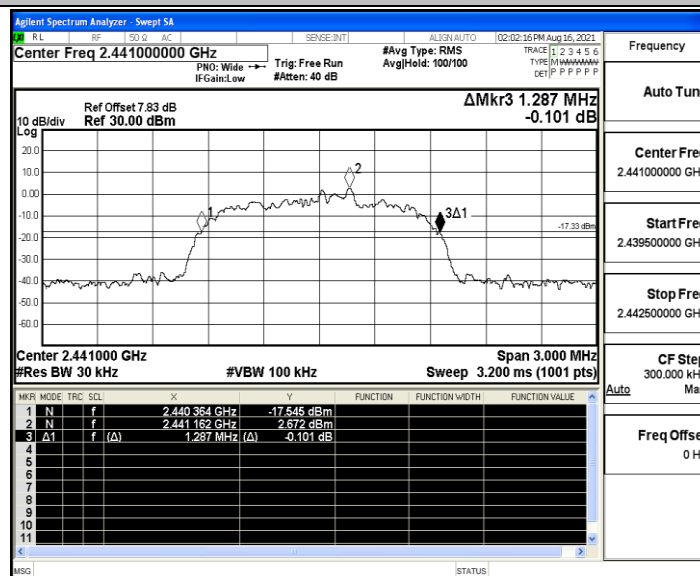
DH5_Ant1_2480



2DH5_Ant1_2402

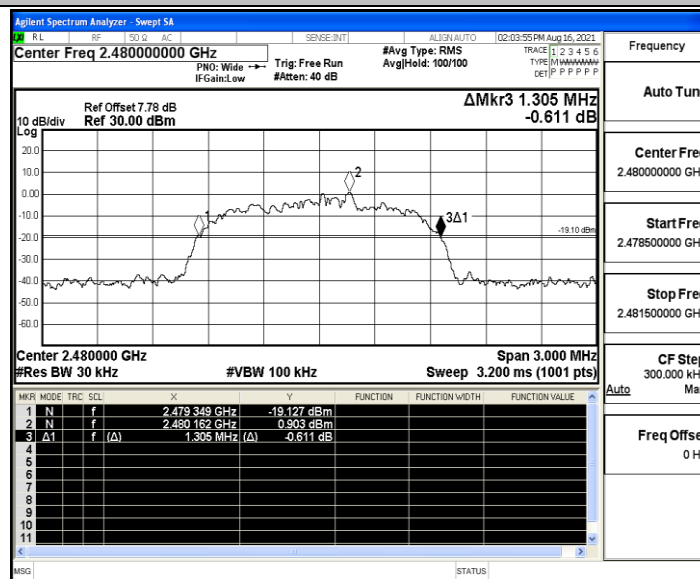


2DH5_Ant1_2441

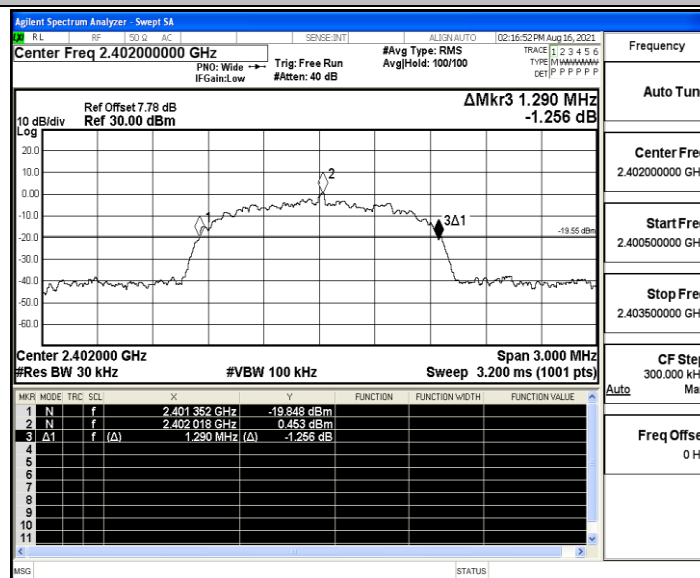




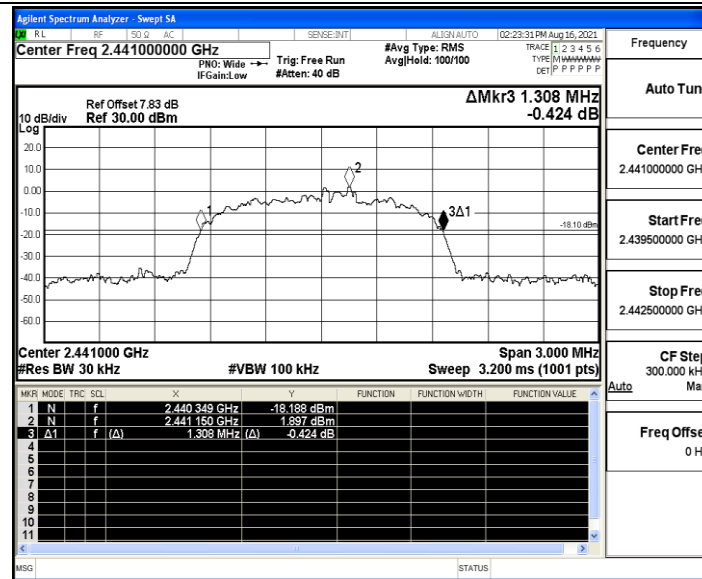
2DH5_Ant1_2480



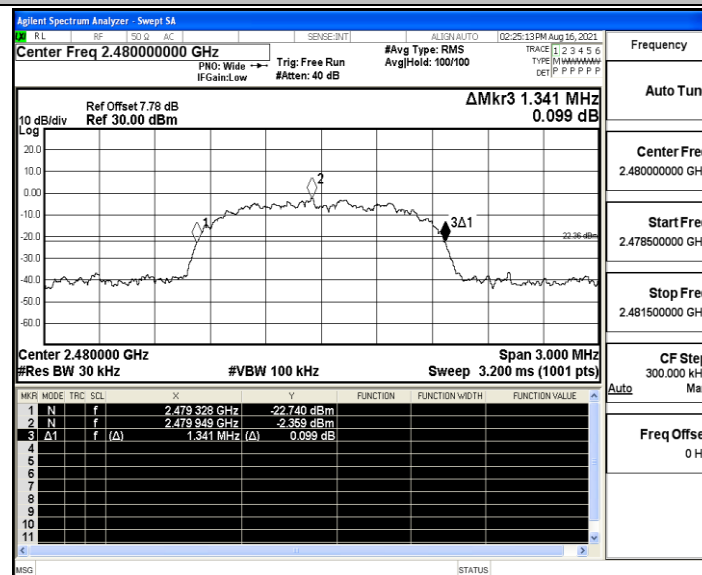
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





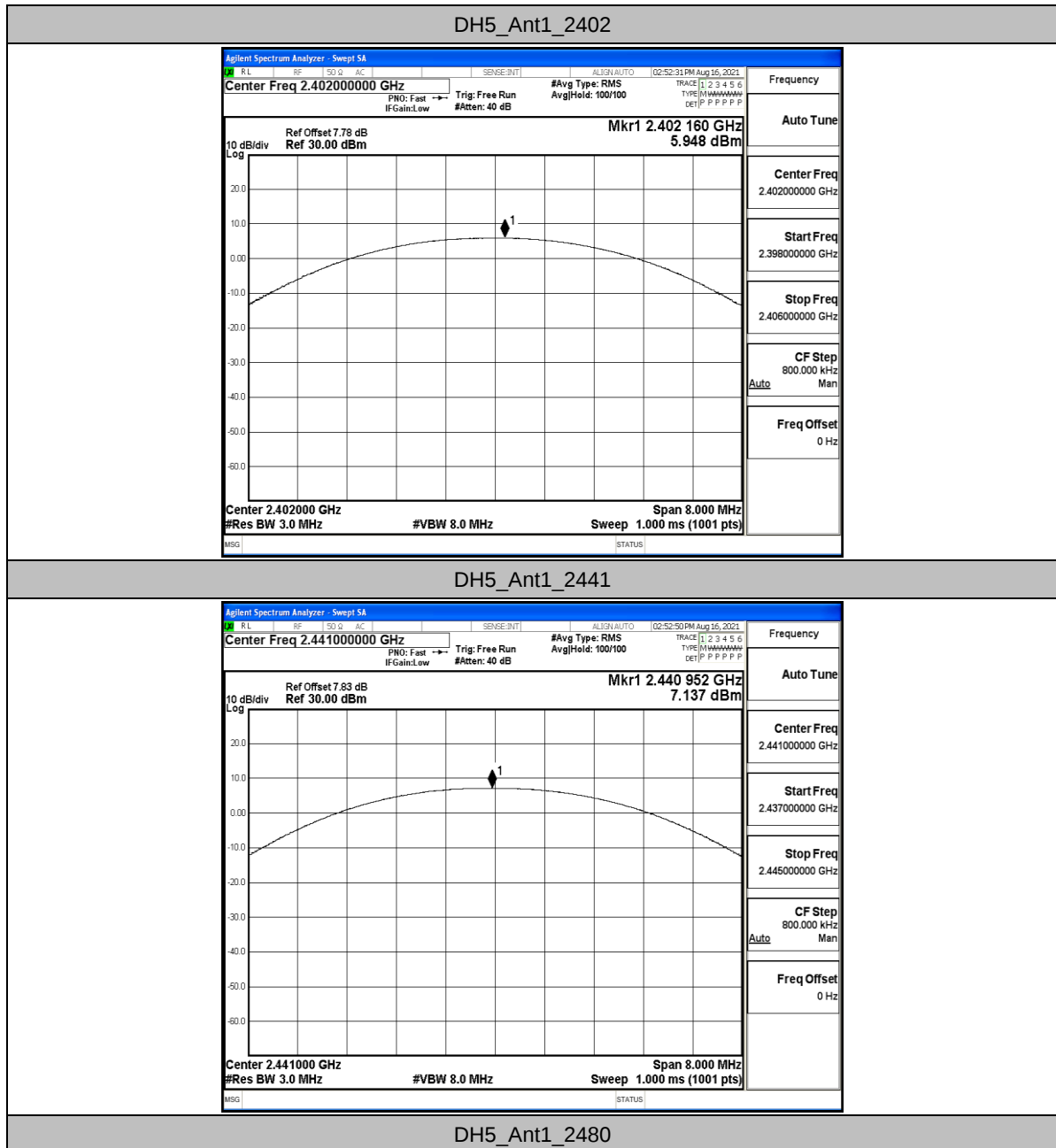
A.2 Maximum conducted output power

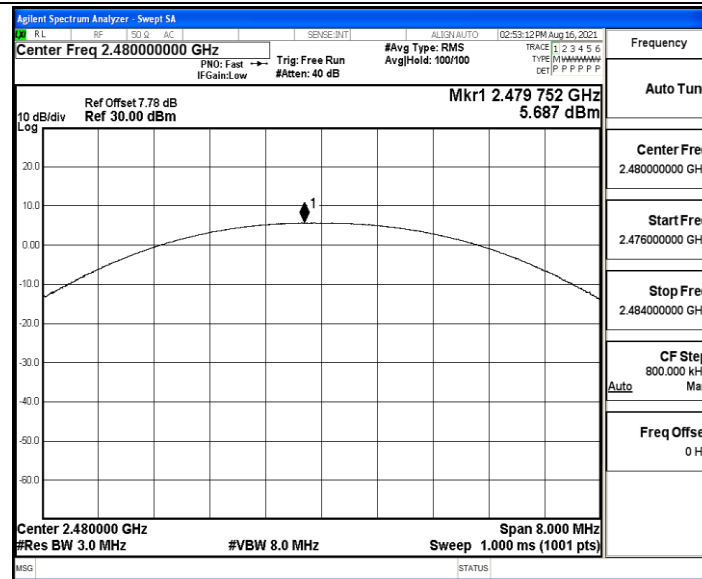
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	5.95	30.00	PASS
		2441	7.14	30.00	PASS
		2480	5.69	30.00	PASS
2DH5	Ant1	2402	5.12	21.00	PASS
		2441	6.23	21.00	PASS
		2480	4.85	21.00	PASS
3DH5	Ant1	2402	5.15	21.00	PASS
		2441	6.42	21.00	PASS
		2480	5.01	21.00	PASS

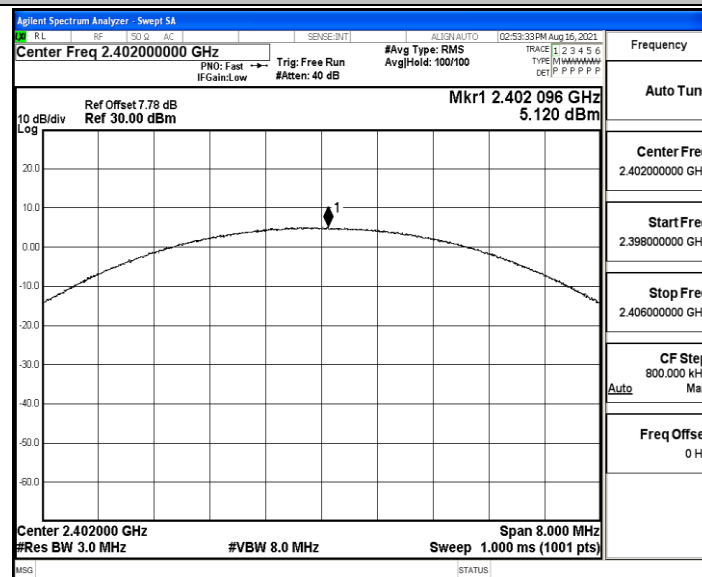


Test Graphs

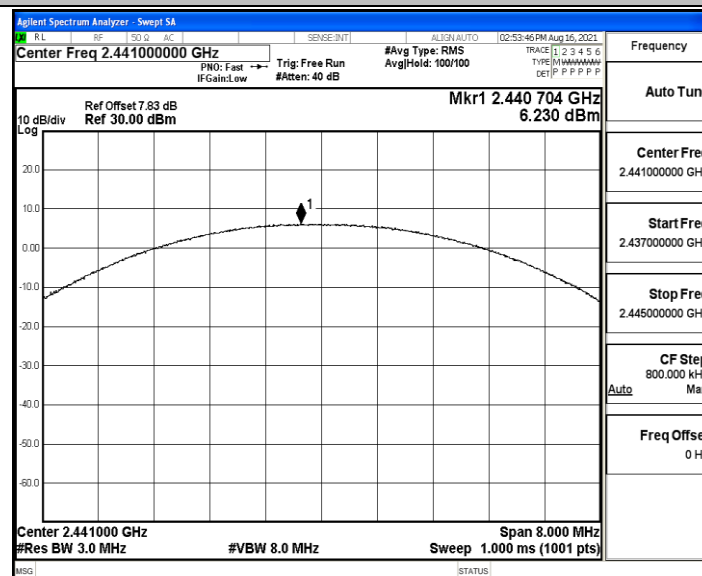




2DH5_Ant1_2402

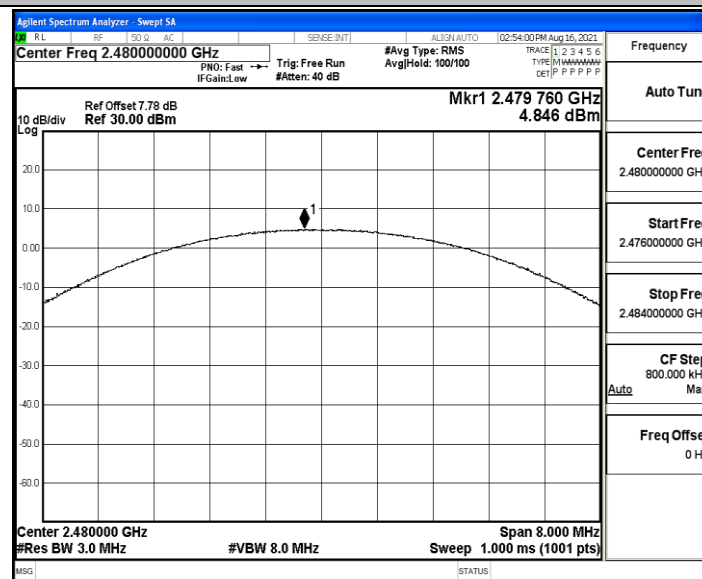


2DH5_Ant1_2441

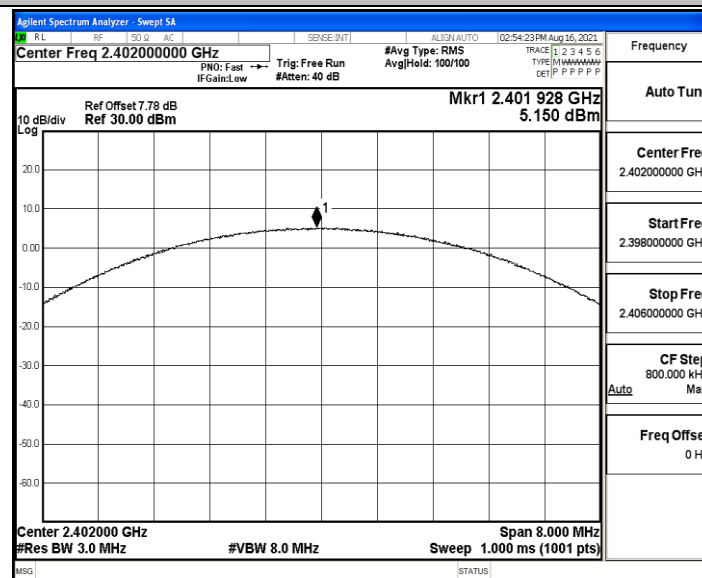




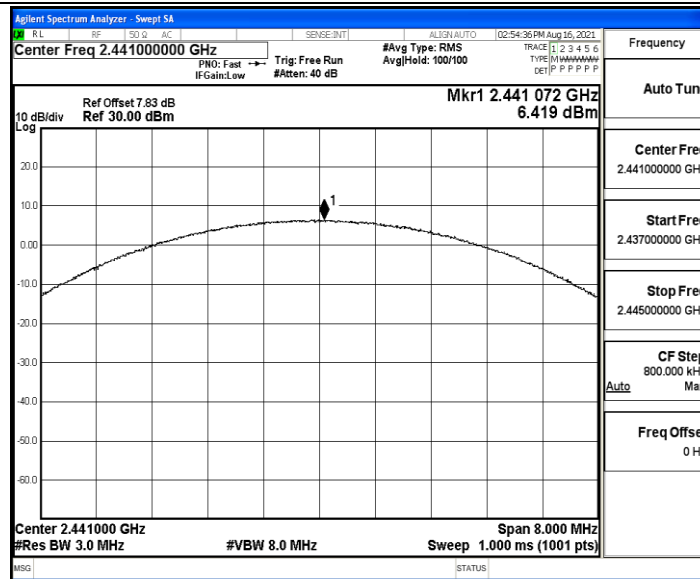
2DH5_Ant1_2480



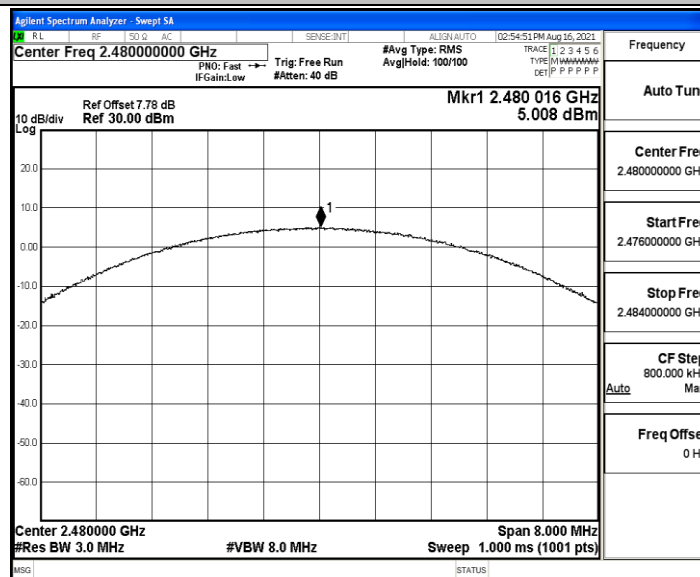
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



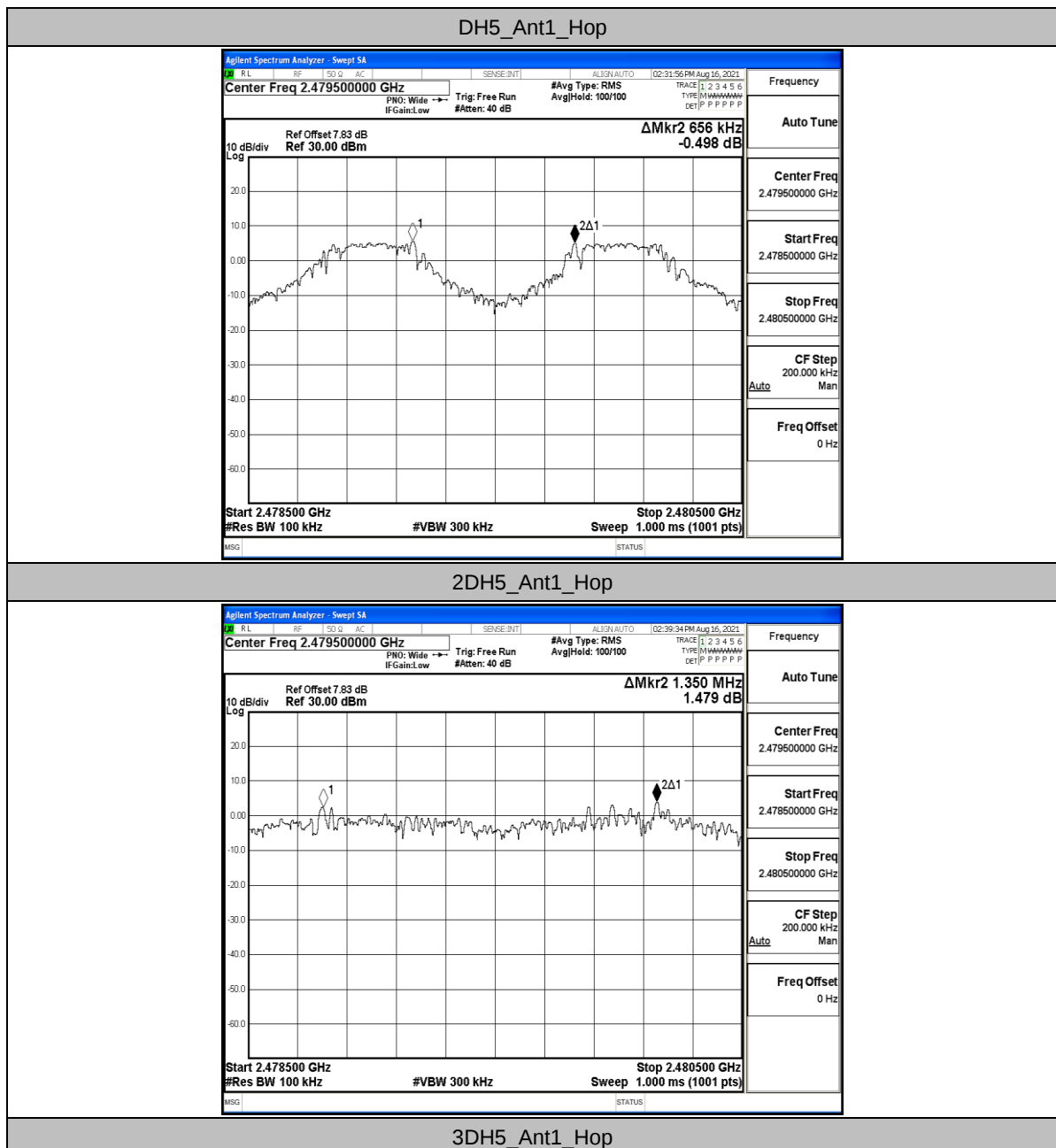


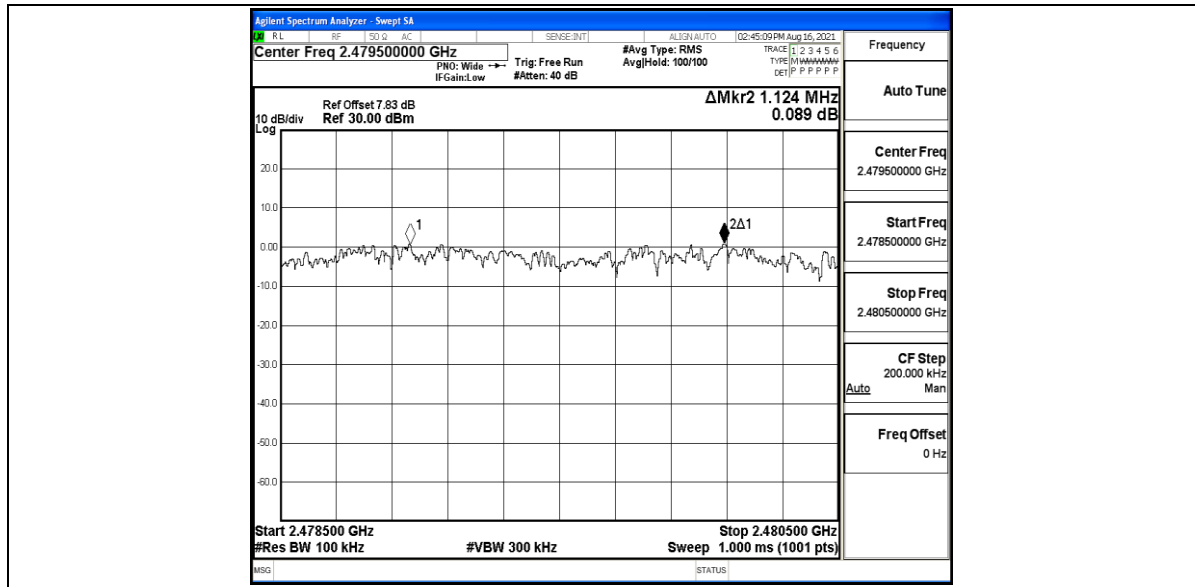
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	0.656	≥0.646	PASS
2DH5	Ant1	Hop	1.350	≥0.870	PASS
3DH5	Ant1	Hop	1.124	≥0.894	PASS

Test Graphs





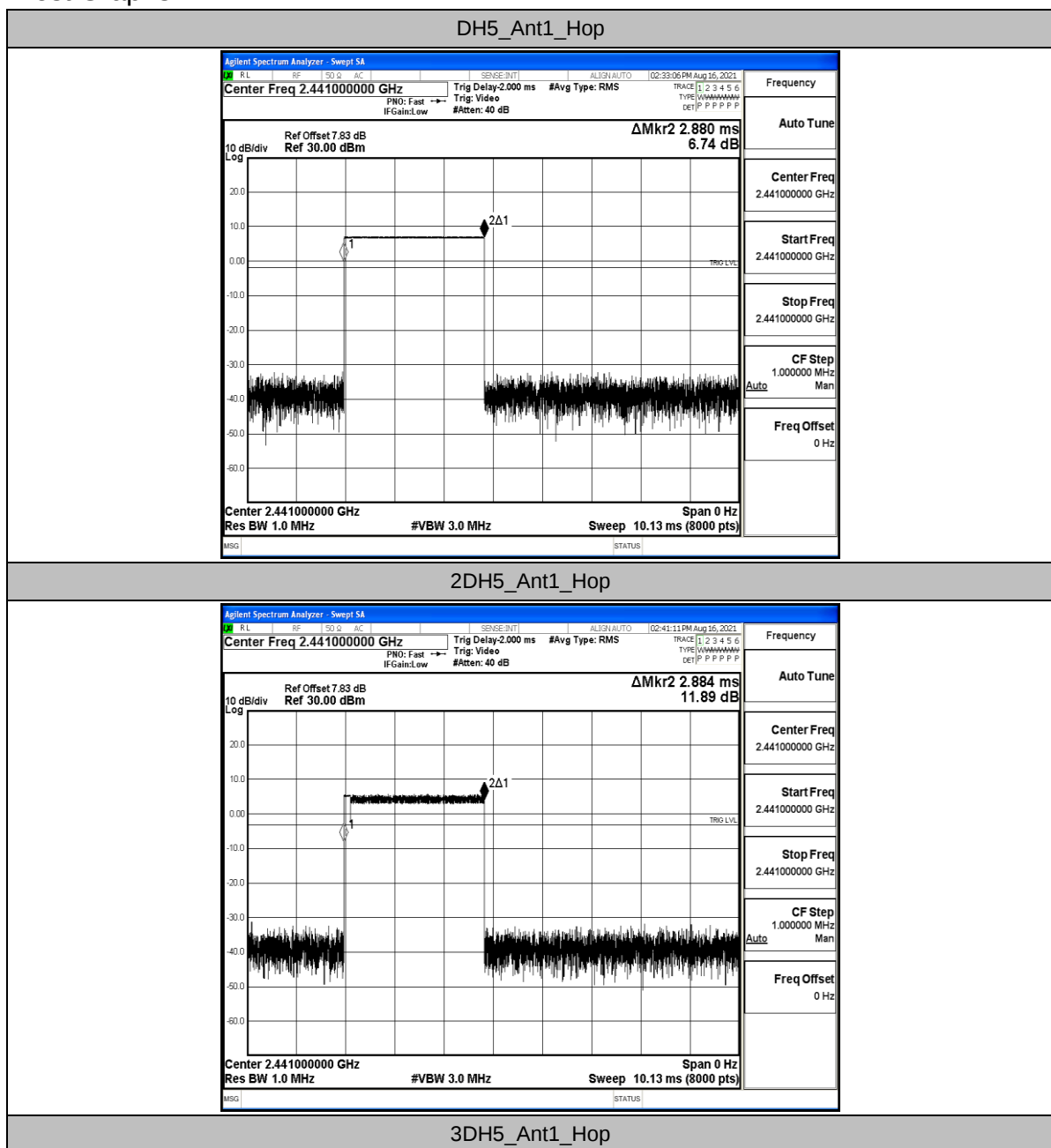


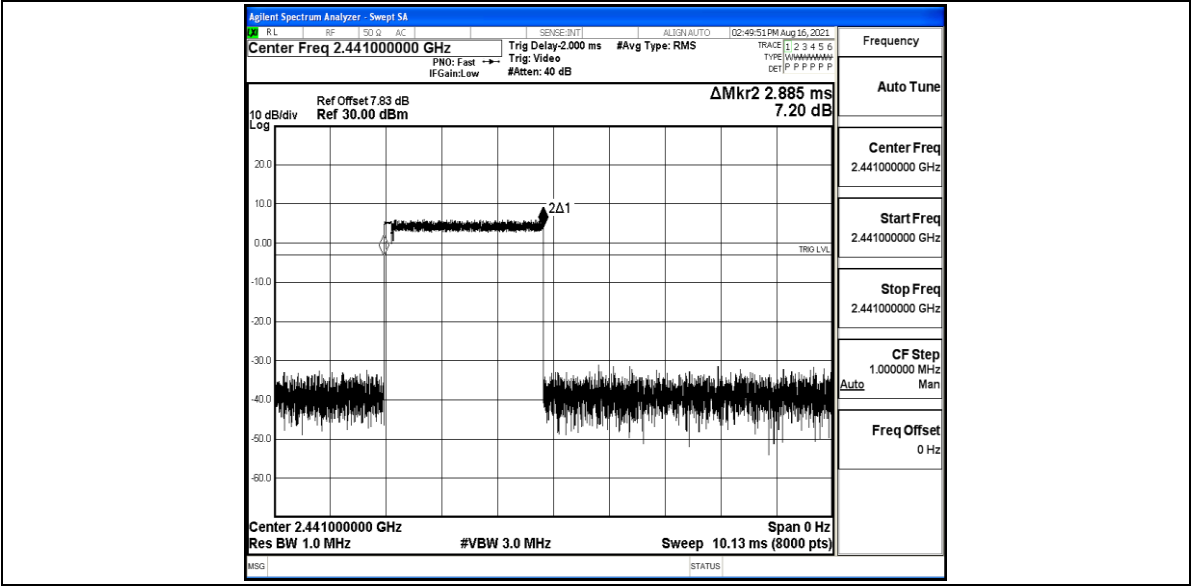
A.4 Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.88	101	0.291	≤0.4	PASS
3DH5	Ant1	Hop	2.89	100	0.289	≤0.4	PASS

Test Graphs





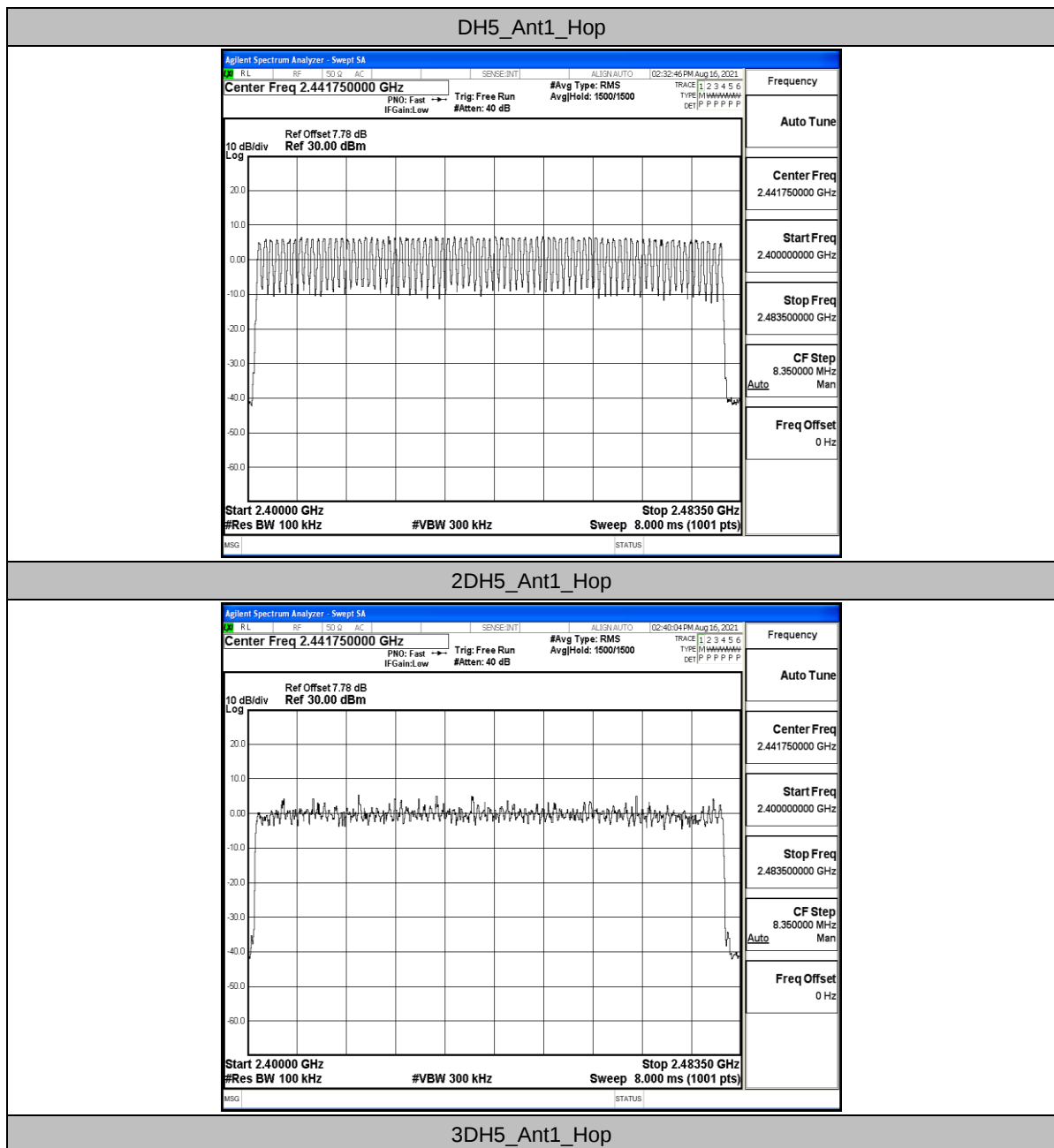


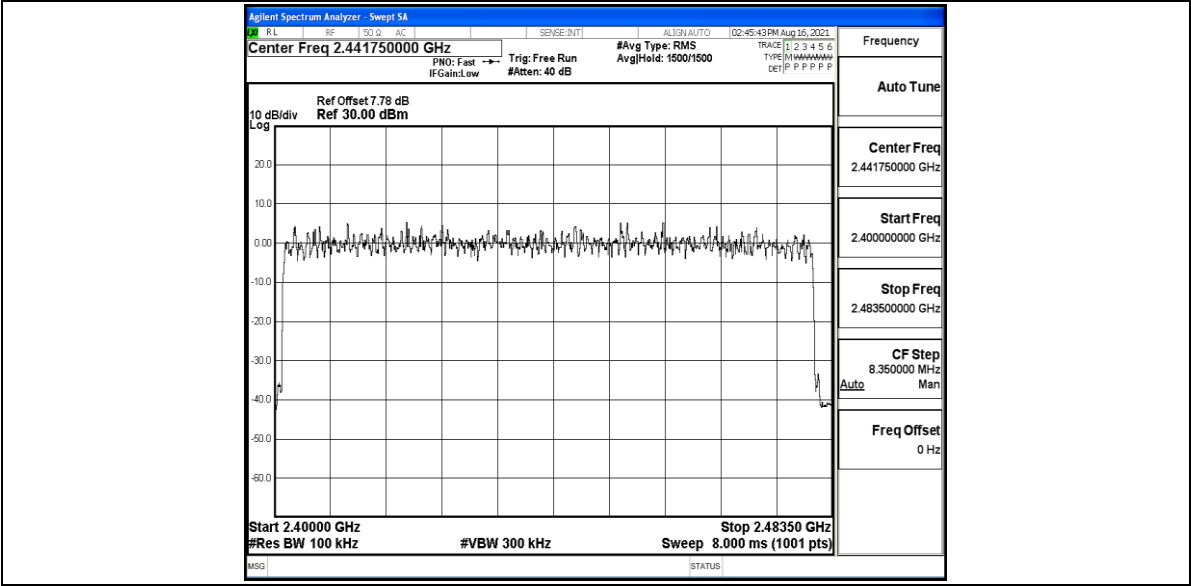
A.5 Number of hopping channels

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 Band edge measurements

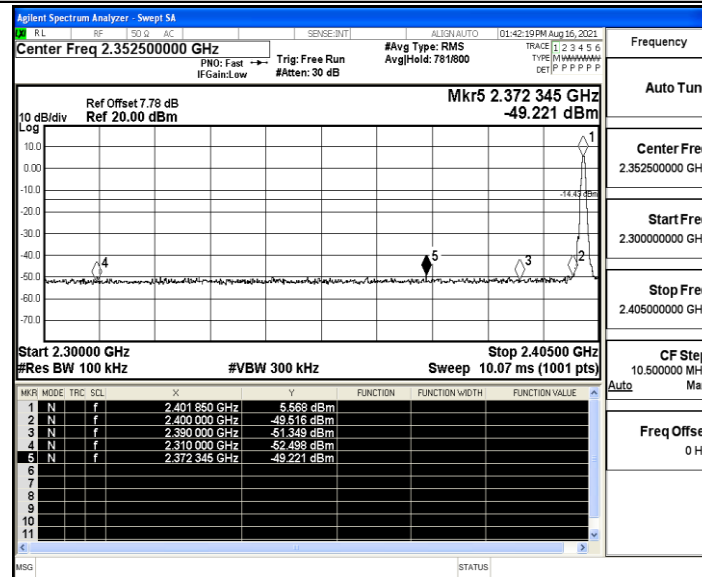
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.57	-49.22	≤ -14.43	PASS
		High	2480	5.47	-48.1	≤ -14.53	PASS
		Low	Hop_2402	5.22	-49.35	≤ -14.78	PASS
		High	Hop_2480	5.67	-48.4	≤ -14.34	PASS
2DH5	Ant1	Low	2402	3.66	-49.36	≤ -16.34	PASS
		High	2480	3.92	-47.65	≤ -16.08	PASS
		Low	Hop_2402	1.32	-49.56	≤ -18.68	PASS
		High	Hop_2480	3.86	-48.92	≤ -16.14	PASS
3DH5	Ant1	Low	2402	3.72	-49.86	≤ -16.28	PASS
		High	2480	4.21	-48.82	≤ -15.8	PASS
		Low	Hop_2402	1.95	-49.25	≤ -18.05	PASS
		High	Hop_2480	4.27	-48.68	≤ -15.73	PASS

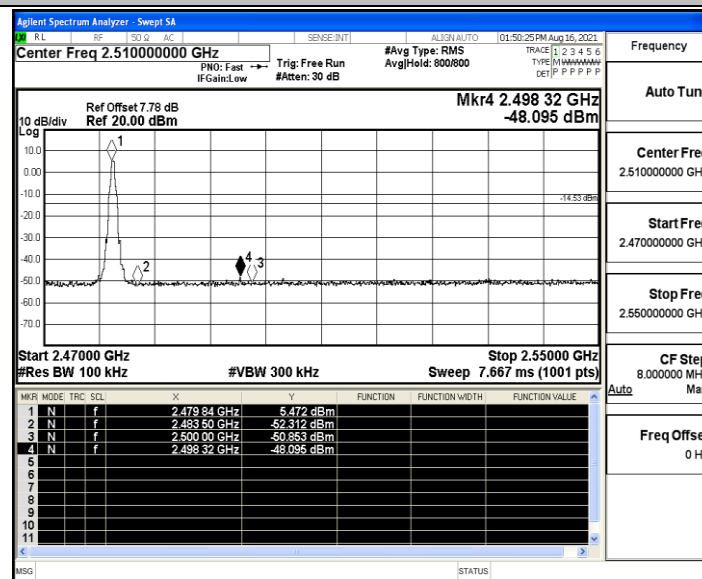


Test Graphs

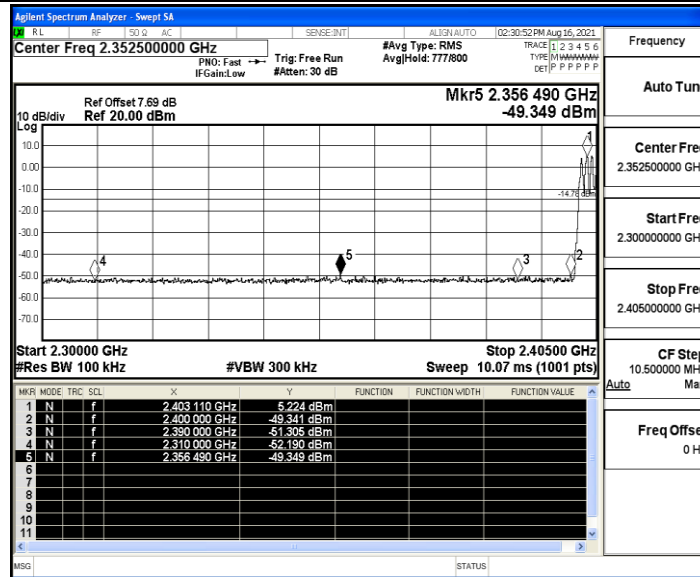
DH5_Ant1_Low_2402



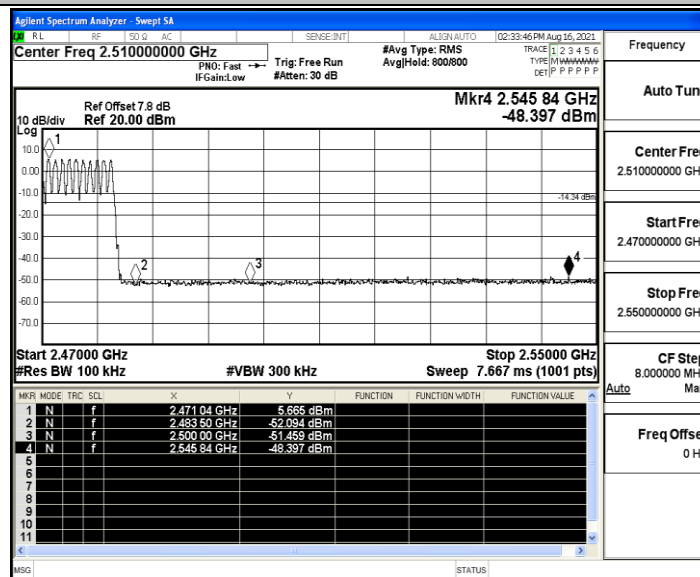
DH5_Ant1_High_2480



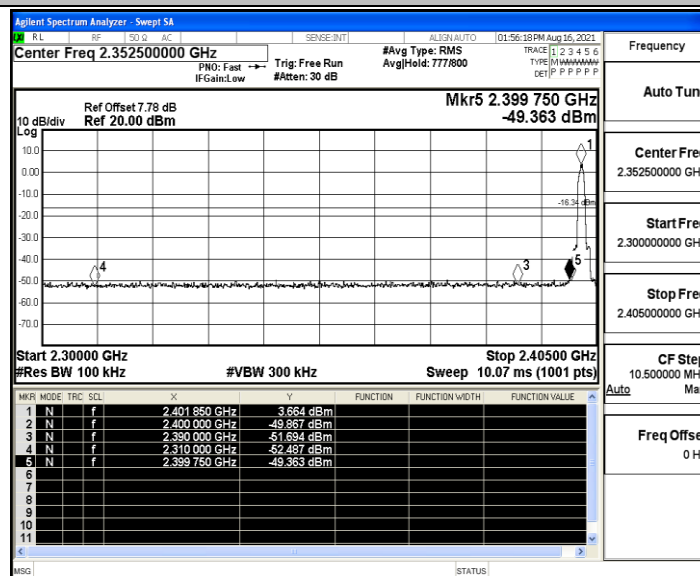
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

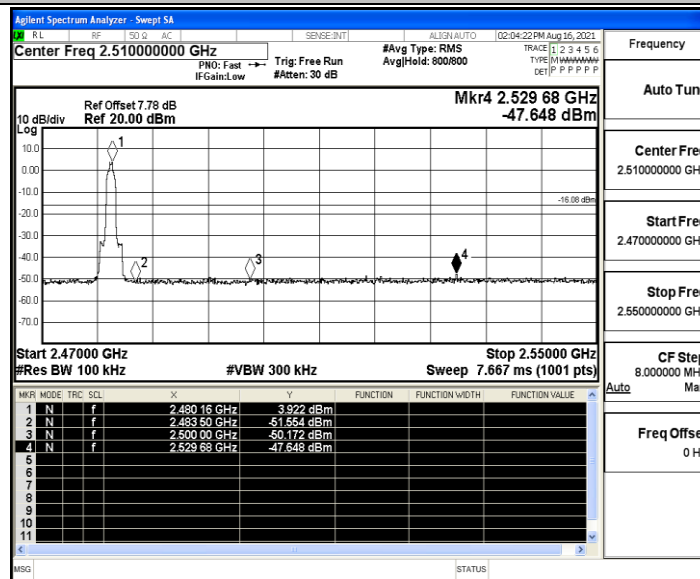


2DH5_Ant1_Low_2402

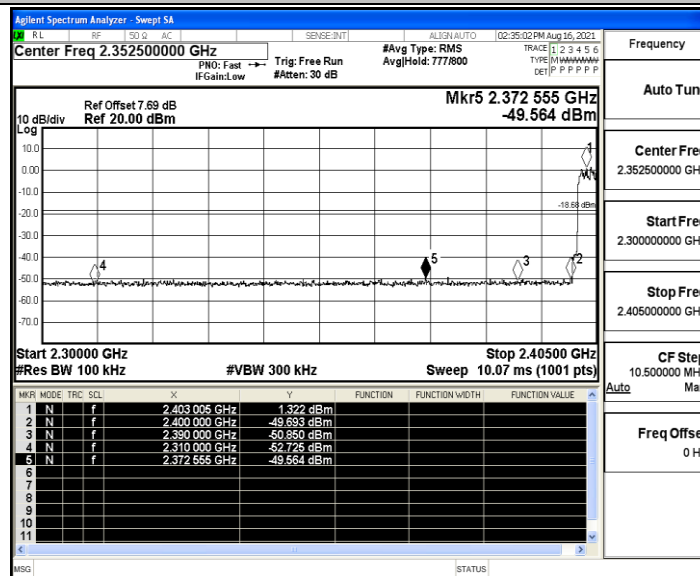




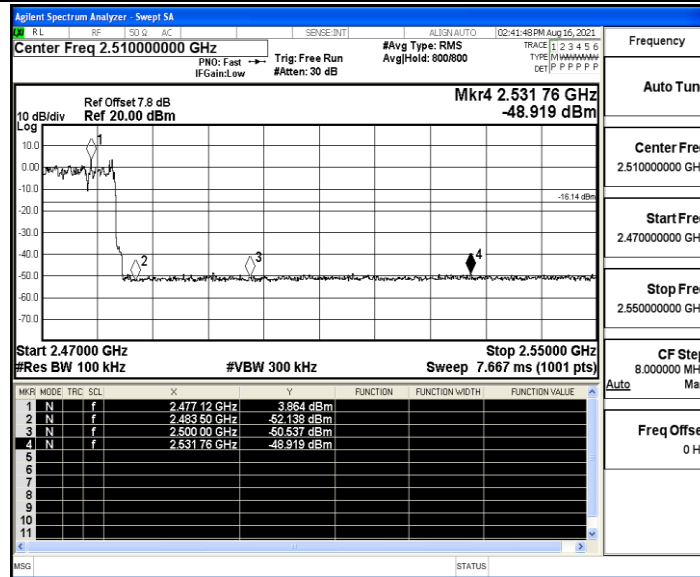
2DH5_Ant1_High_2480



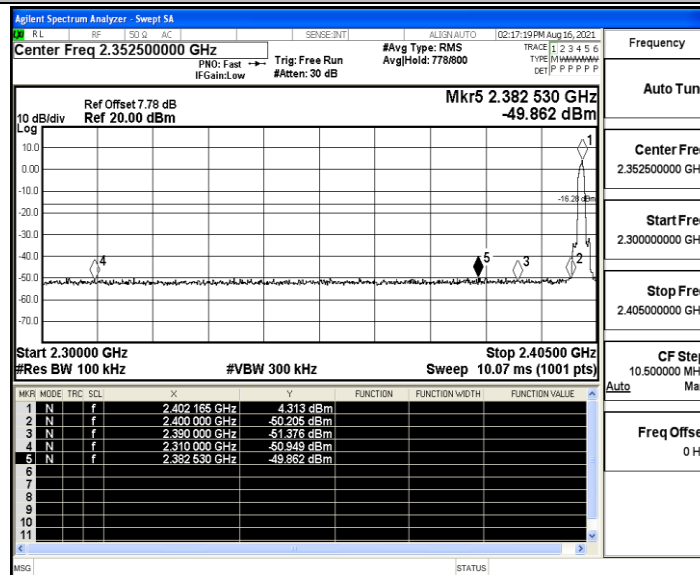
2DH5_Ant1_Low_Hop_2402



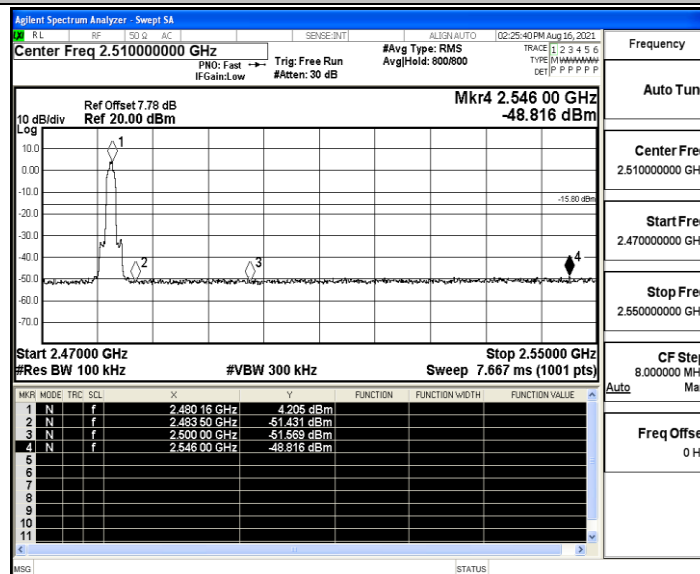
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

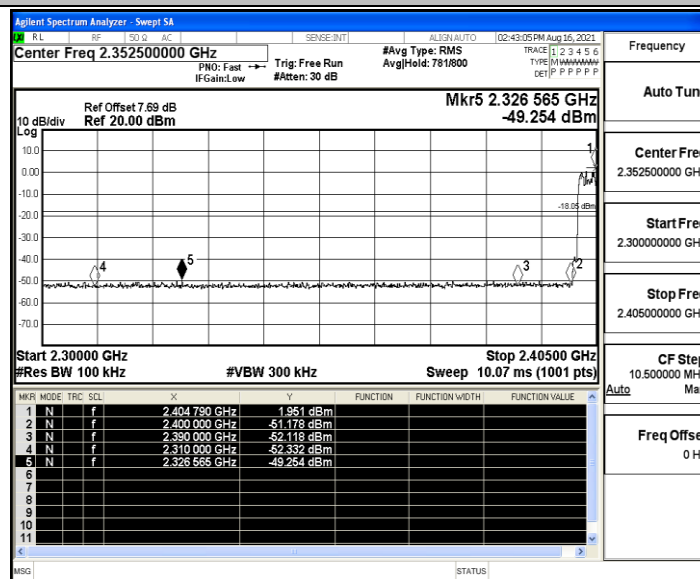


3DH5_Ant1_High_2480

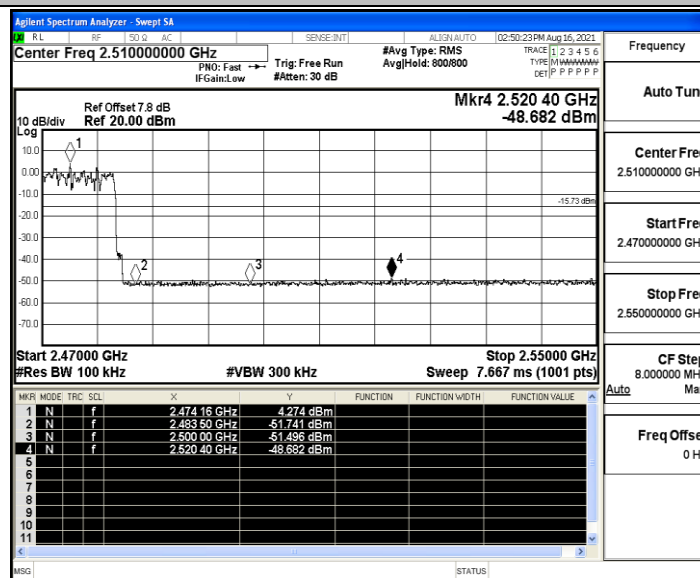




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





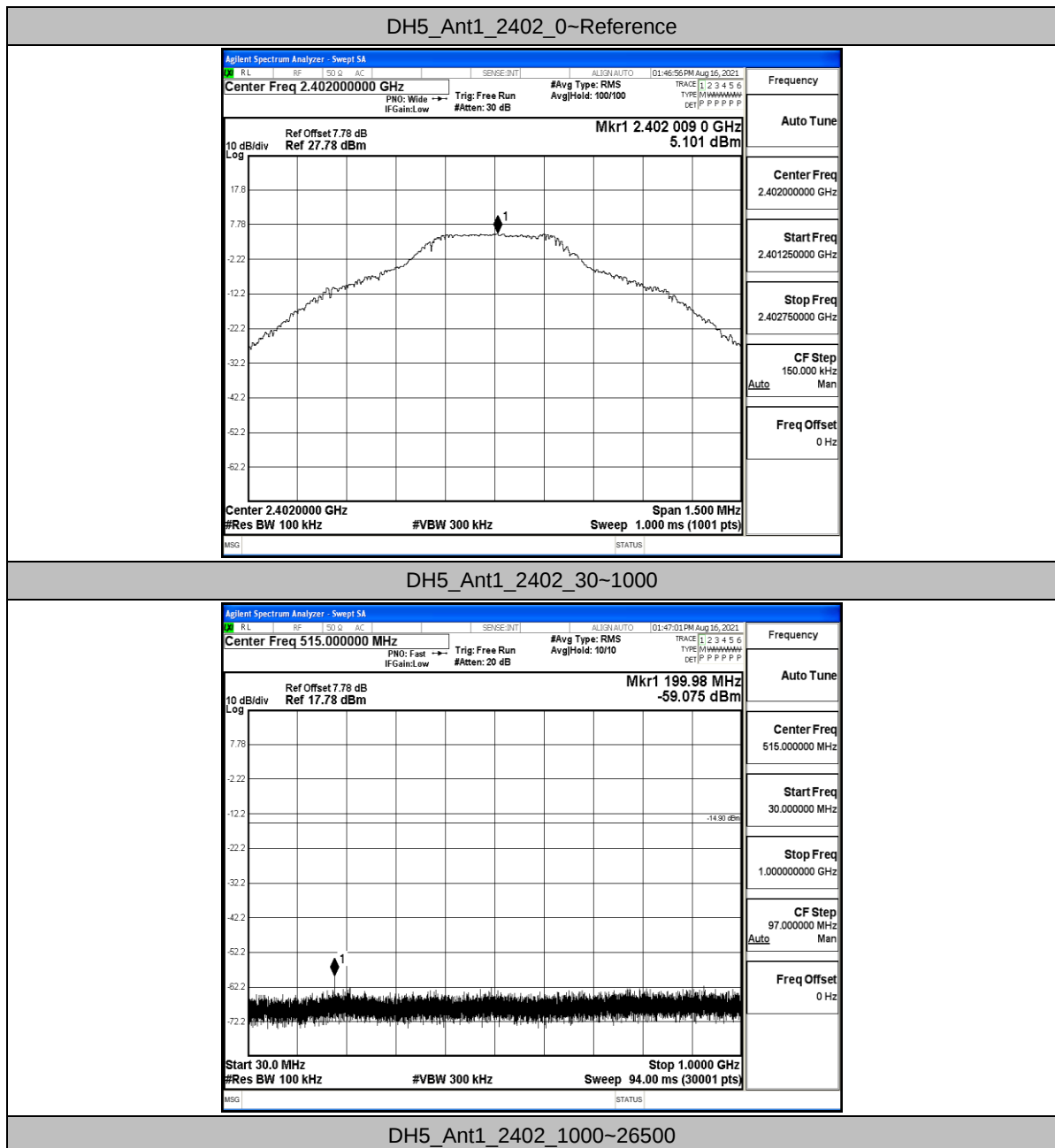
A.7 Conducted Spurious Emission

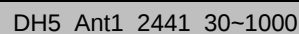
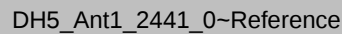
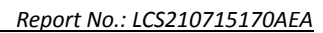
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-59.08	≤-14.9	PASS
			1000~26500	5.10	-47.11	≤-14.9	PASS
		2441	Reference	6.43	6.43	---	PASS
			30~1000	6.43	-58.37	≤-13.57	PASS
			1000~26500	6.43	-47.67	≤-13.57	PASS
		2480	Reference	5.25	5.25	---	PASS
			30~1000	5.25	-59.17	≤-14.75	PASS
			1000~26500	5.25	-47.31	≤-14.75	PASS
2DH5	Ant1	2402	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-60.27	≤-16.1	PASS
			1000~26500	3.90	-47.78	≤-16.1	PASS
		2441	Reference	5.21	5.21	---	PASS
			30~1000	5.21	-59.61	≤-14.79	PASS
			1000~26500	5.21	-47.78	≤-14.79	PASS
		2480	Reference	2.95	2.95	---	PASS
			30~1000	2.95	-57.44	≤-17.05	PASS
			1000~26500	2.95	-47.24	≤-17.05	PASS
3DH5	Ant1	2402	Reference	3.60	3.60	---	PASS
			30~1000	3.60	-59.54	≤-16.4	PASS
			1000~26500	3.60	-47.62	≤-16.4	PASS
		2441	Reference	5.13	5.13	---	PASS
			30~1000	5.13	-58.37	≤-14.87	PASS
			1000~26500	5.13	-47.13	≤-14.87	PASS
		2480	Reference	3.79	3.79	---	PASS
			30~1000	3.79	-59.76	≤-16.21	PASS
			1000~26500	3.79	-47.44	≤-16.21	PASS



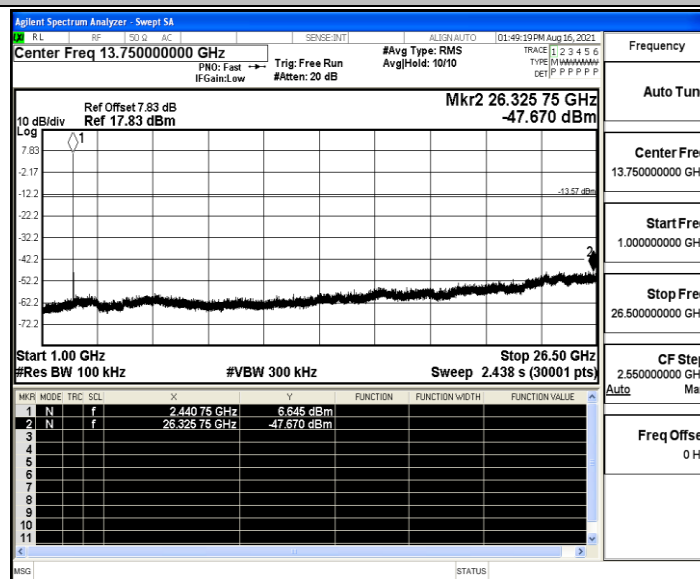
Test Graphs



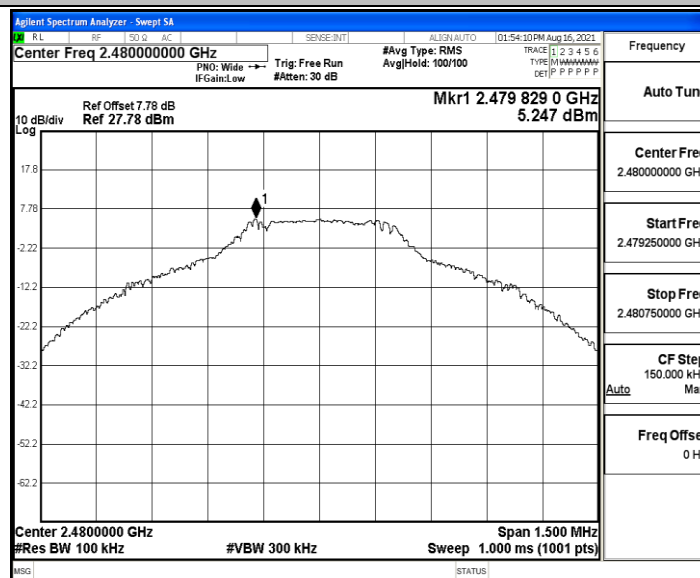




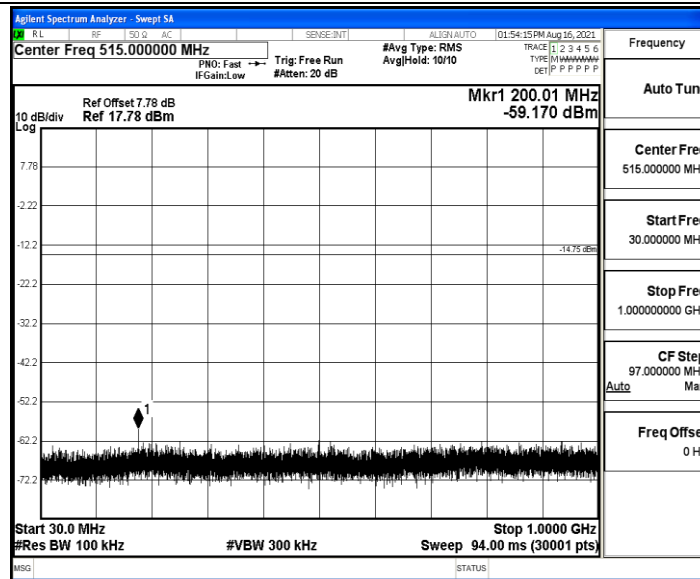
DH5_Ant1_2441_1000~26500



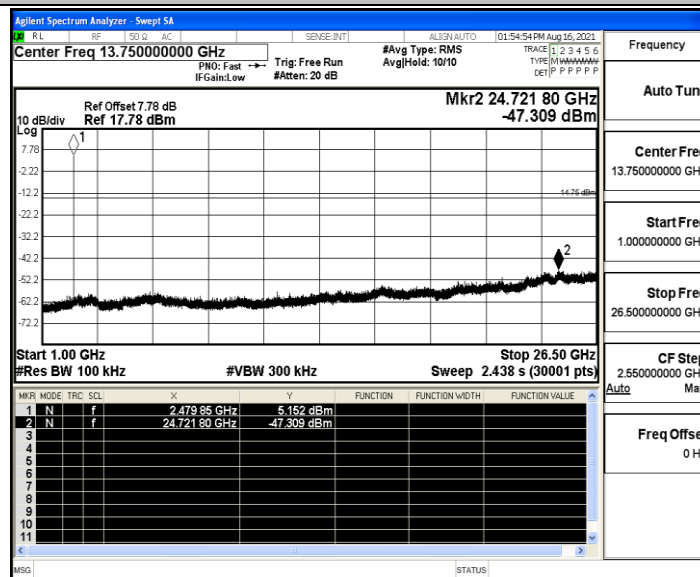
DH5_Ant1_2480_0~Reference



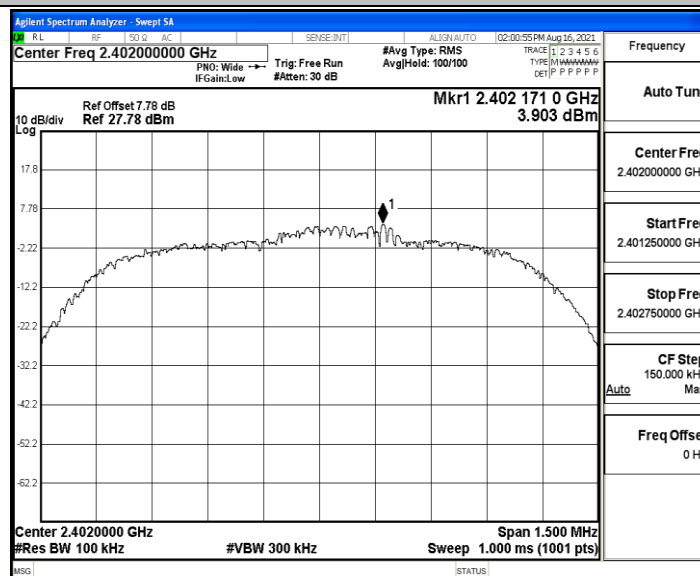
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

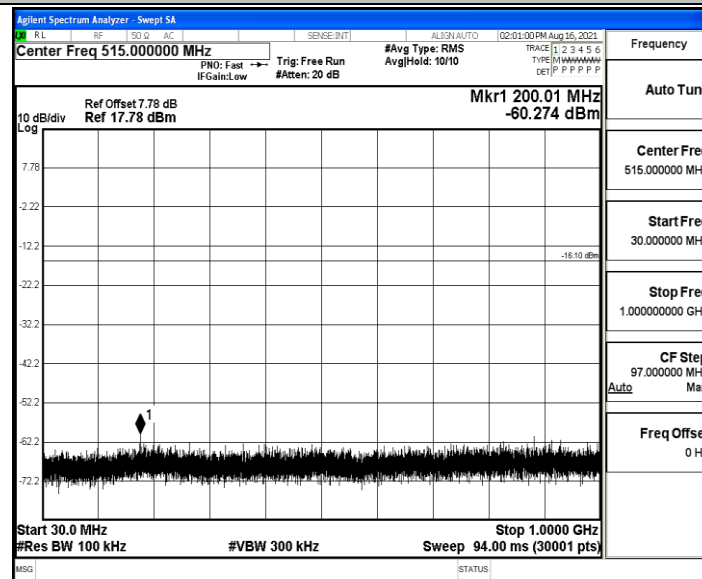


2DH5_Ant1_2402_0~Reference

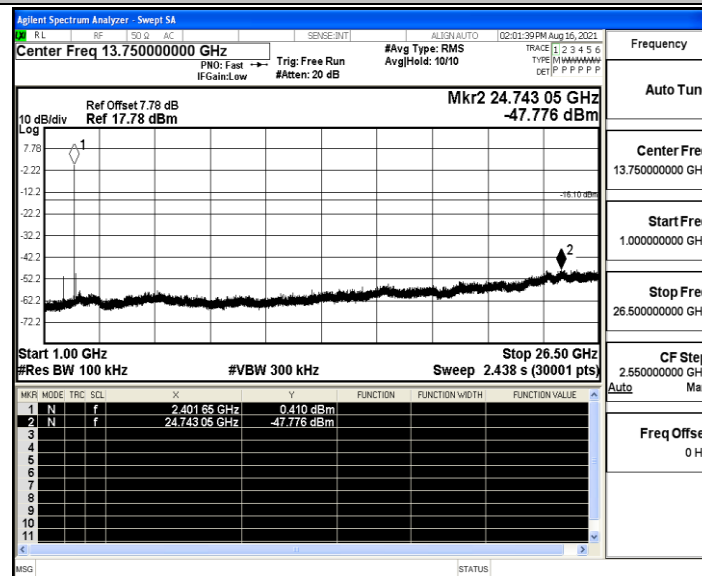




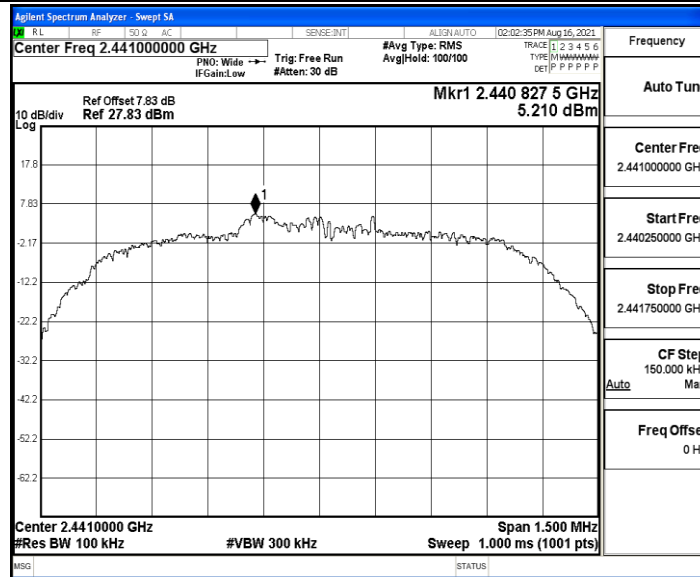
2DH5_Ant1_2402_30~1000



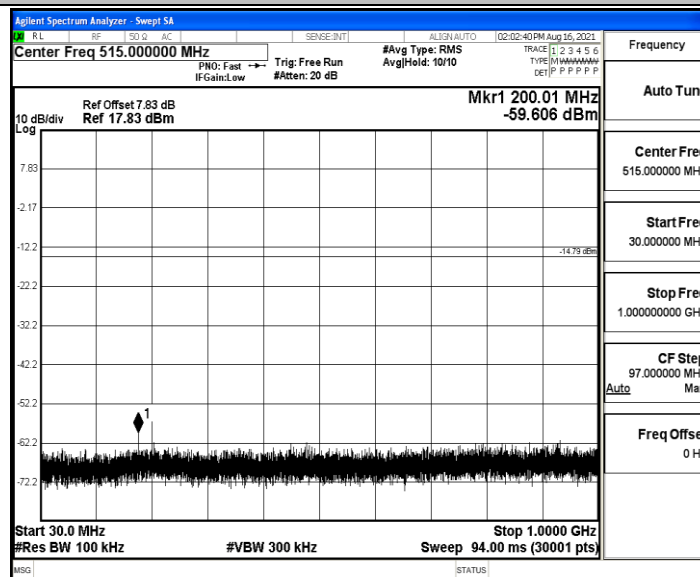
2DH5_Ant1_2402_1000~26500



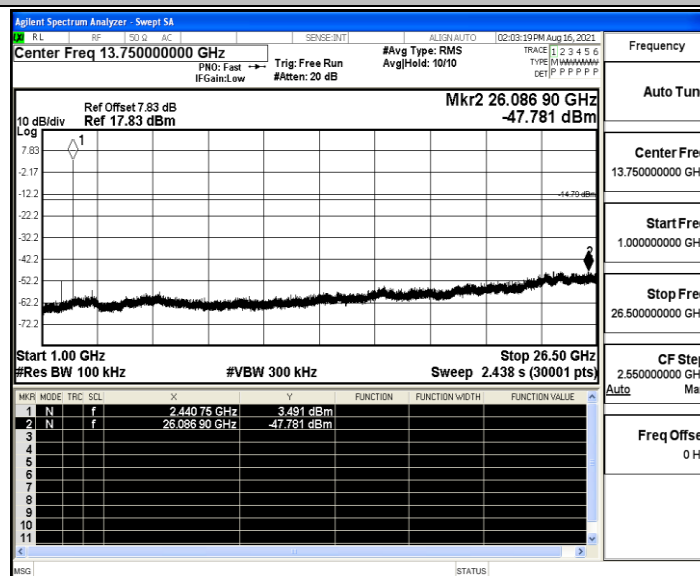
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

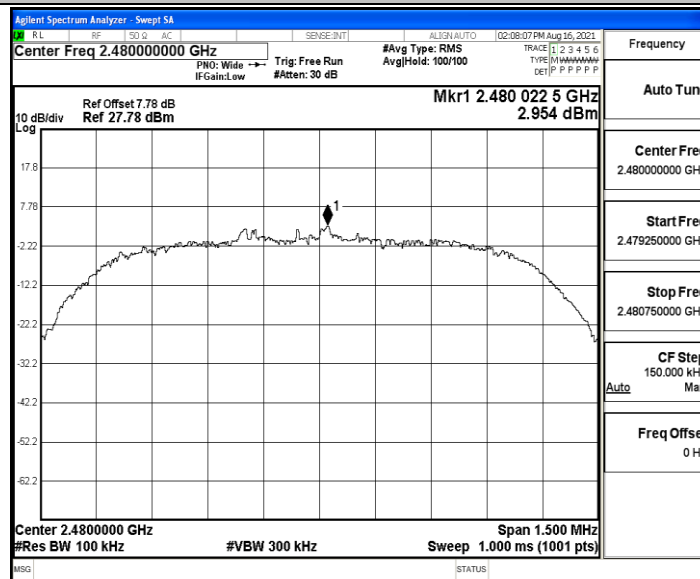


2DH5_Ant1_2441_1000~26500

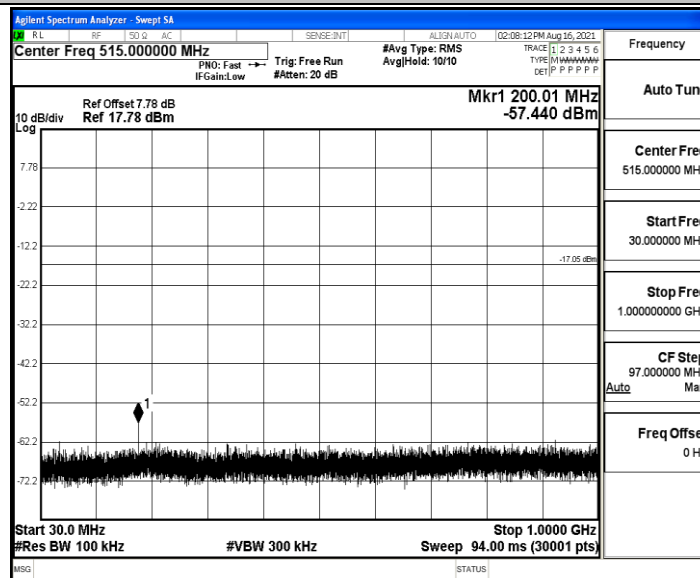




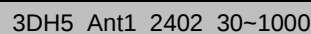
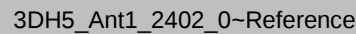
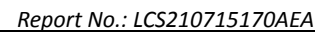
2DH5_Ant1_2480_0-Reference



2DH5_Ant1_2480_30-1000

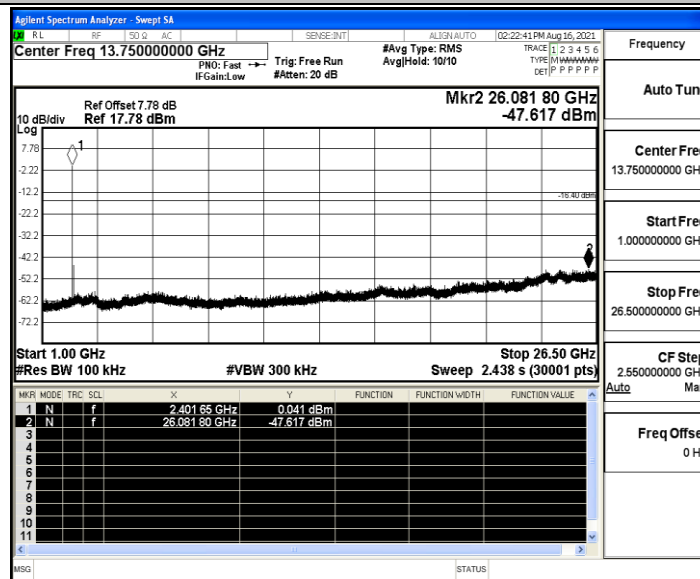


2DH5_Ant1_2480_1000~26500

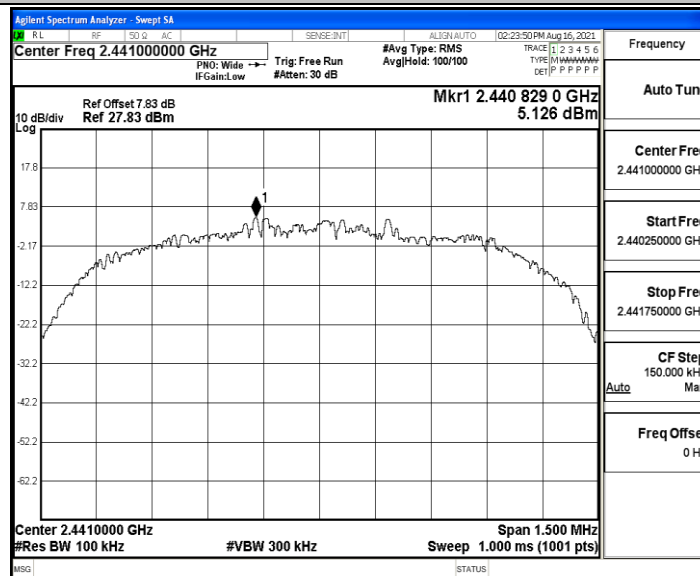




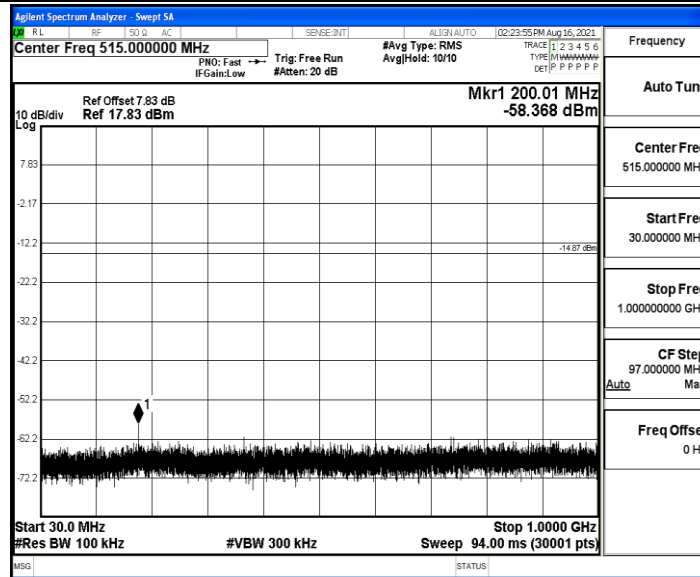
3DH5_Ant1_2402_1000~26500



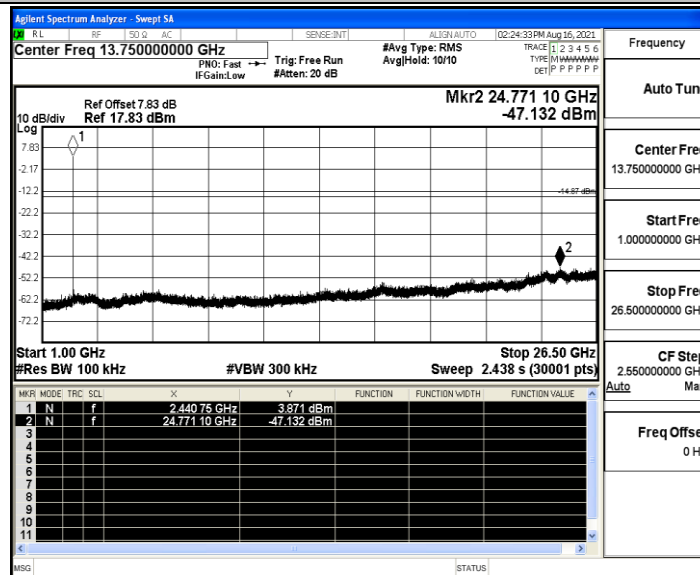
3DH5_Ant1_2441_0~Reference



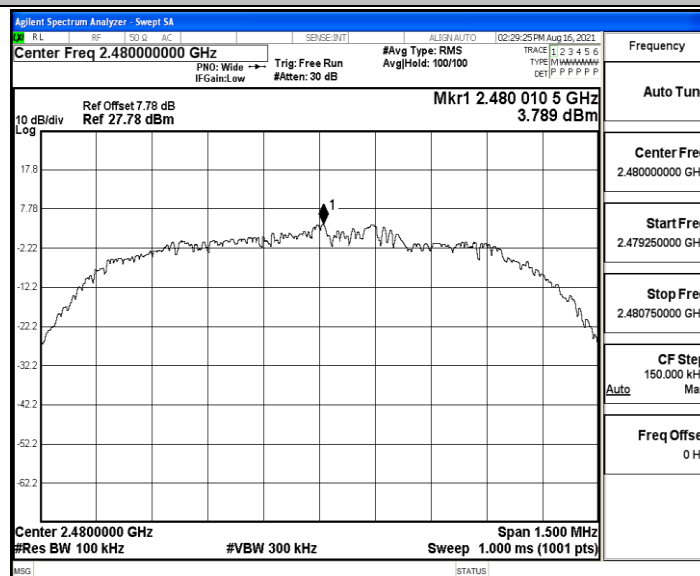
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

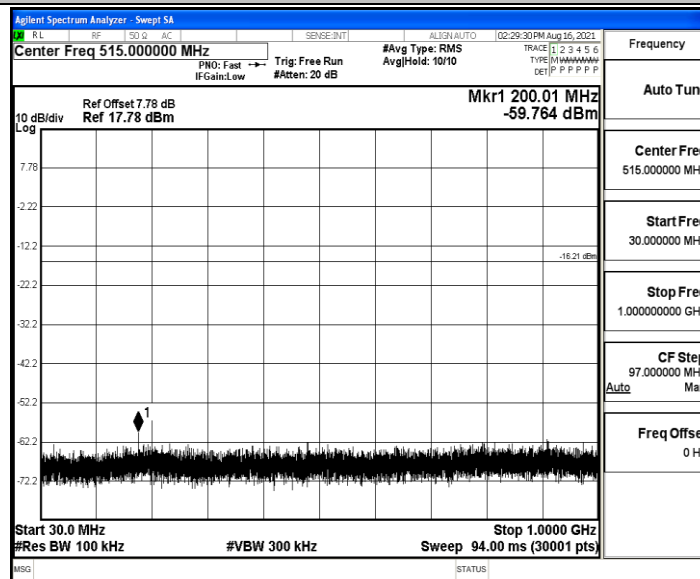


3DH5_Ant1_2480_0~Reference

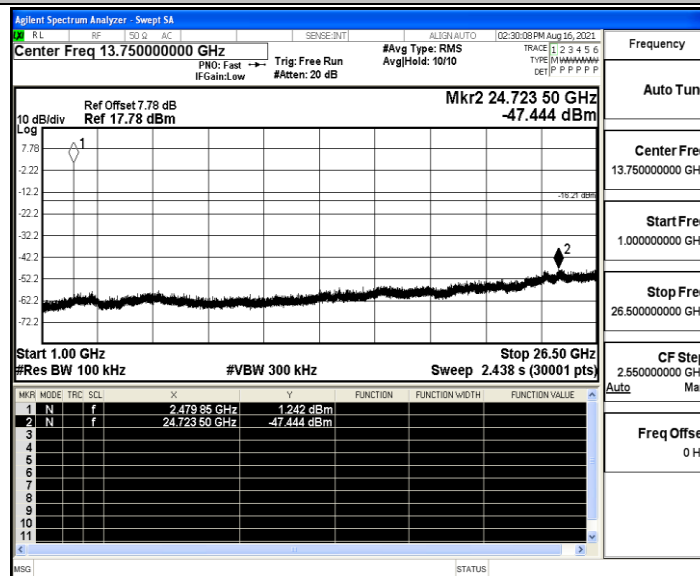




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestM ode	Anten na	ChNam e	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/ m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.94	≤-41.20	46.26	≤54	PASS
				AV	2385.050	-48.42	≤-41.20	46.78	≤54	PASS
				AV	2390.000	-48.55	≤-41.20	46.65	≤54	PASS
				Peak	2310.000	-40.2	≤-21.20	55.00	≤74	PASS
				Peak	2373.710	-38.15	≤-21.20	57.05	≤74	PASS
				Peak	2390.000	-40.98	≤-21.20	54.22	≤74	PASS
		High	2480	AV	2483.500	-47.26	≤-41.20	47.94	≤54	PASS
				AV	2483.520	-47.26	≤-41.20	47.94	≤54	PASS
				AV	2500.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2483.500	-39.51	≤-21.20	55.69	≤74	PASS
				Peak	2484.640	-37.79	≤-21.20	57.41	≤74	PASS
				Peak	2500.000	-39.93	≤-21.20	55.27	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.88	≤-41.20	46.32	≤54	PASS
				AV	2384.105	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2390.000	-48.58	≤-41.20	46.62	≤54	PASS
				Peak	2310.000	-39.46	≤-21.20	55.74	≤74	PASS
				Peak	2381.480	-38.18	≤-21.20	57.02	≤74	PASS
				Peak	2390.000	-40.16	≤-21.20	55.04	≤74	PASS
		High	2480	AV	2483.500	-47.1	≤-41.20	48.10	≤54	PASS
				AV	2483.520	-47.1	≤-41.20	48.10	≤54	PASS
				AV	2500.000	-48	≤-41.20	47.20	≤54	PASS
				Peak	2483.500	-39.74	≤-21.20	55.46	≤74	PASS
				Peak	2485.680	-37.92	≤-21.20	57.28	≤74	PASS
				Peak	2500.000	-39.32	≤-21.20	55.88	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.97	≤-41.20	46.23	≤54	PASS
				AV	2383.160	-48.44	≤-41.20	46.76	≤54	PASS
				AV	2390.000	-48.57	≤-41.20	46.63	≤54	PASS
				Peak	2310.000	-40.57	≤-21.20	54.63	≤74	PASS
				Peak	2383.265	-38.23	≤-21.20	56.97	≤74	PASS
				Peak	2390.000	-40.49	≤-21.20	54.71	≤74	PASS
		High	2480	AV	2483.500	-46.9	≤-41.20	48.30	≤54	PASS
				AV	2483.520	-46.9	≤-41.20	48.30	≤54	PASS
				AV	2500.000	-47.97	≤-41.20	47.23	≤54	PASS
				Peak	2483.500	-39.61	≤-21.20	55.59	≤74	PASS
				Peak	2498.640	-37.8	≤-21.20	57.40	≤74	PASS
				Peak	2500.000	-39.42	≤-21.20	55.78	≤74	PASS



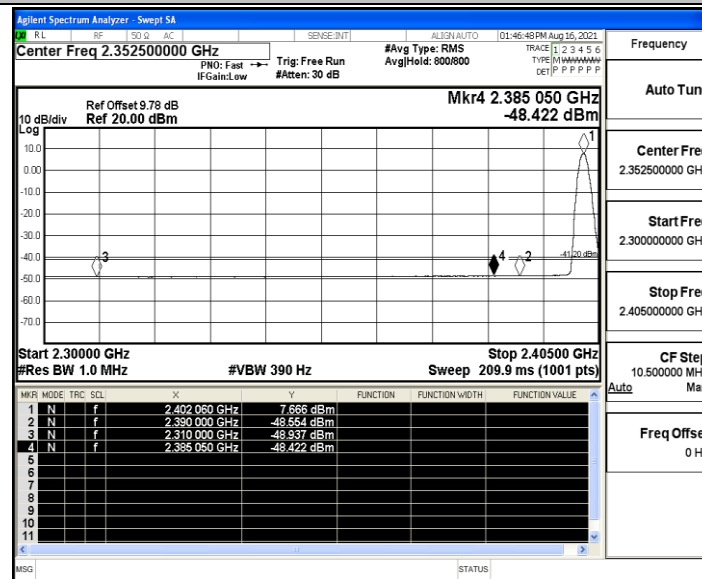
Note:

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.

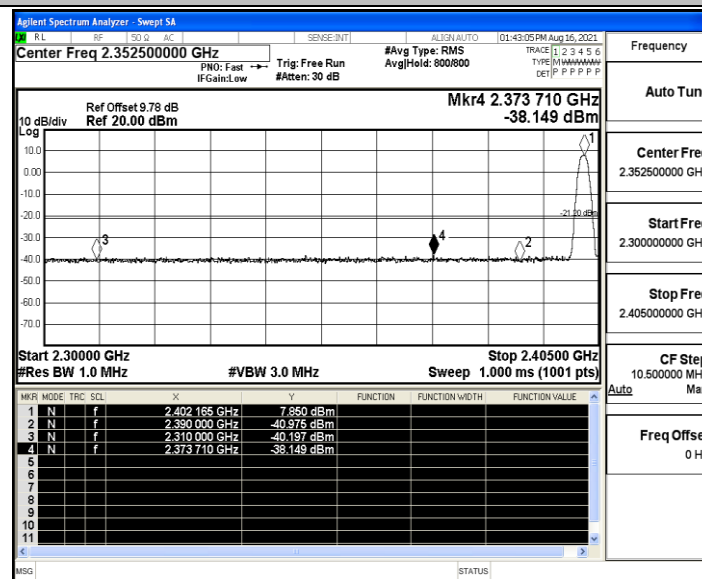


Test Graphs

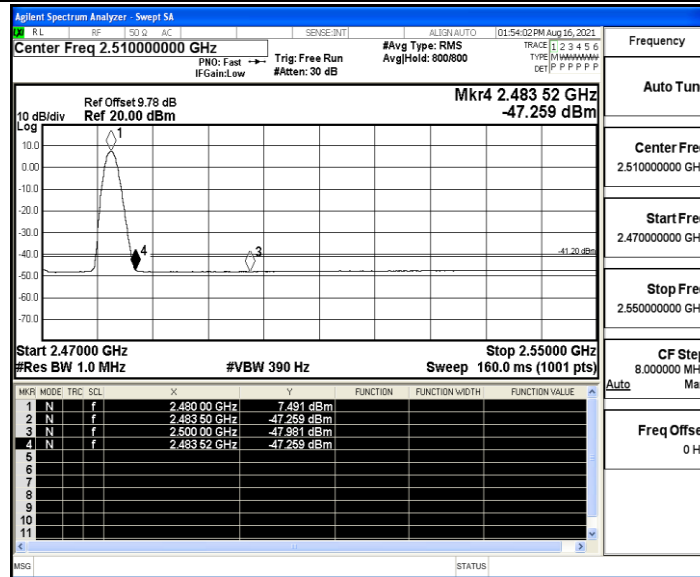
DH5_Ant1_Low_2402_AV



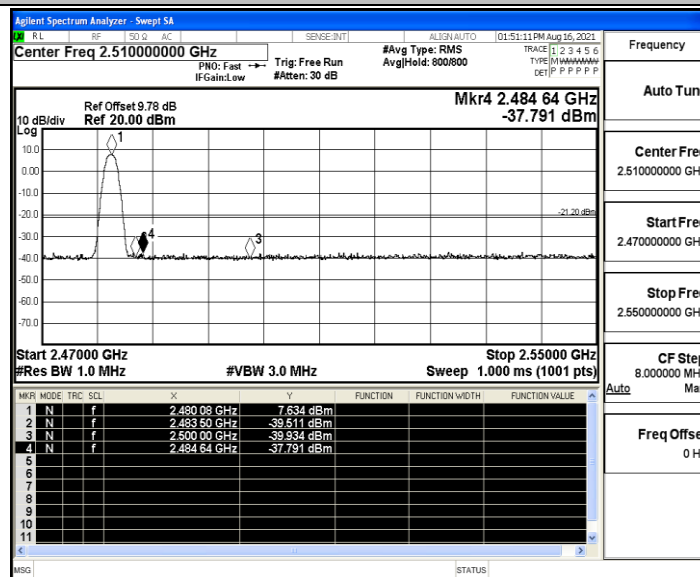
DH5_Ant1_Low_2402_Peak



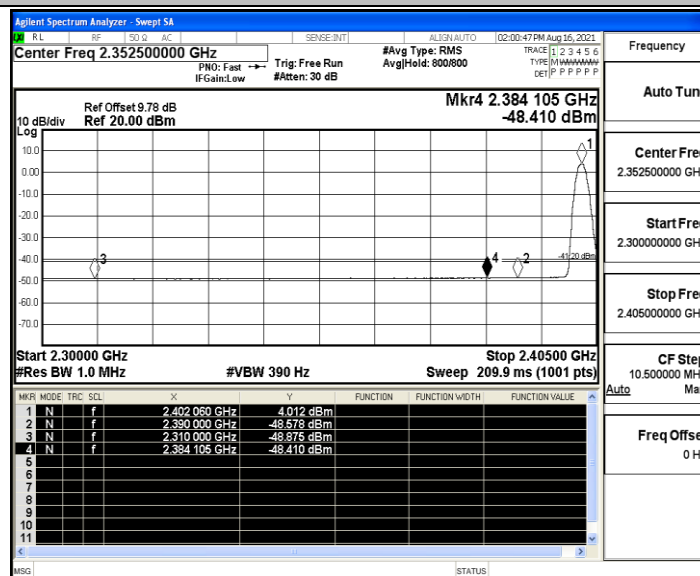
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

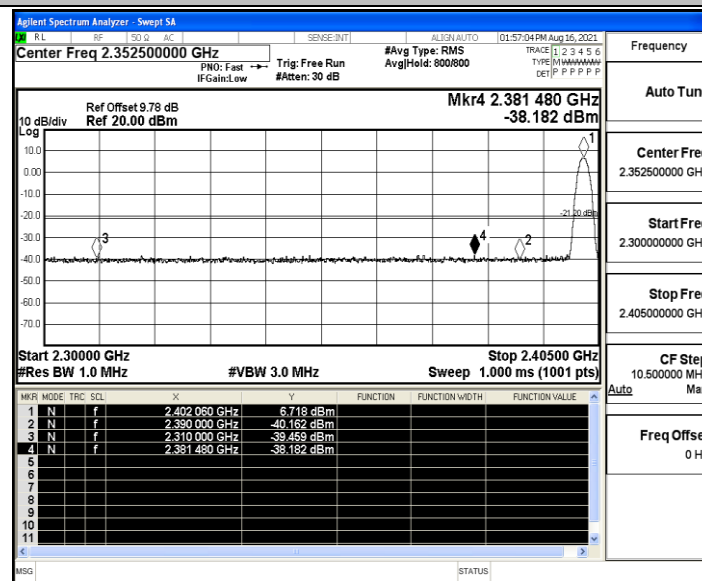


2DH5_Ant1_Low_2402_AV

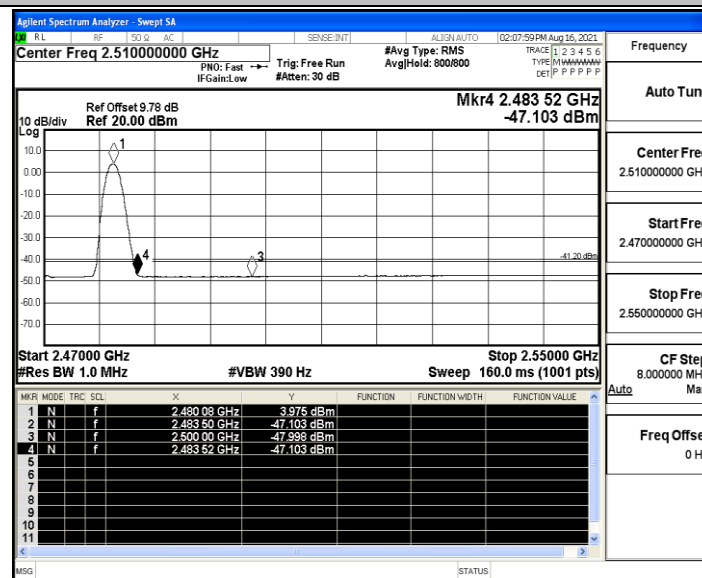




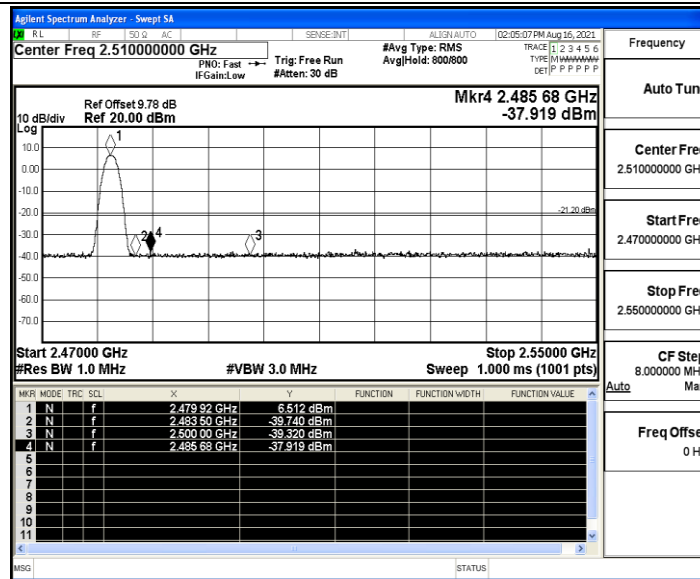
2DH5_Ant1_Low_2402_Peak



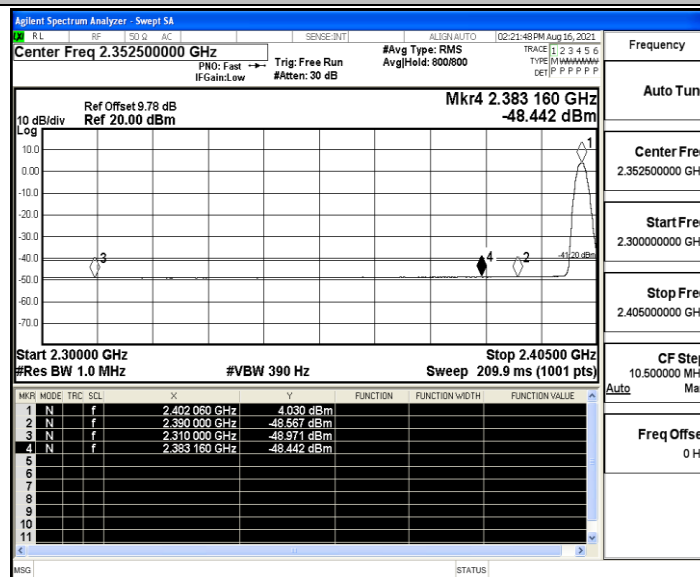
2DH5_Ant1_High_2480_AV



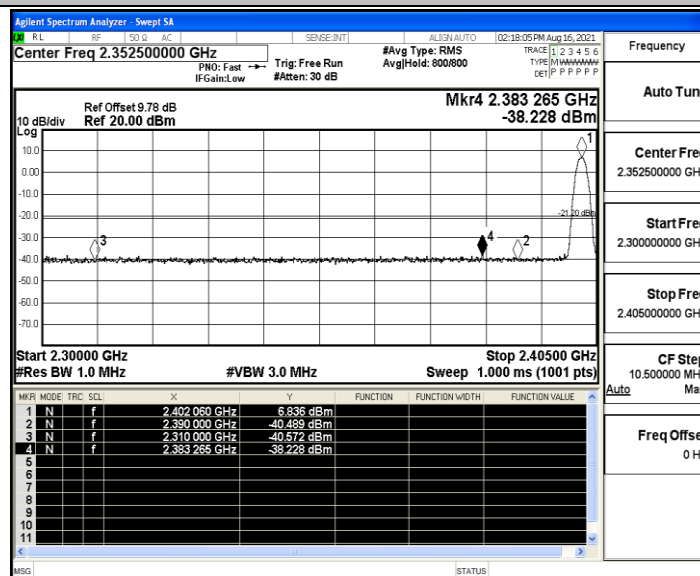
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

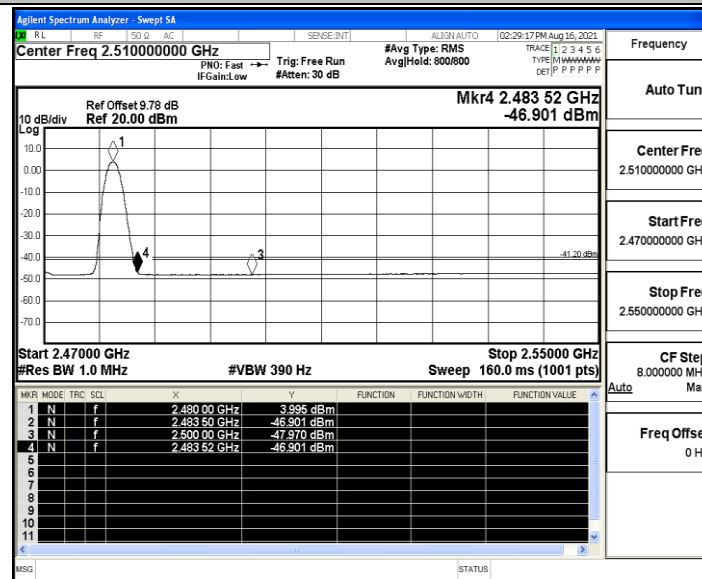


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

