



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: TABLET

Test Model: TBA

Environmental Conditions

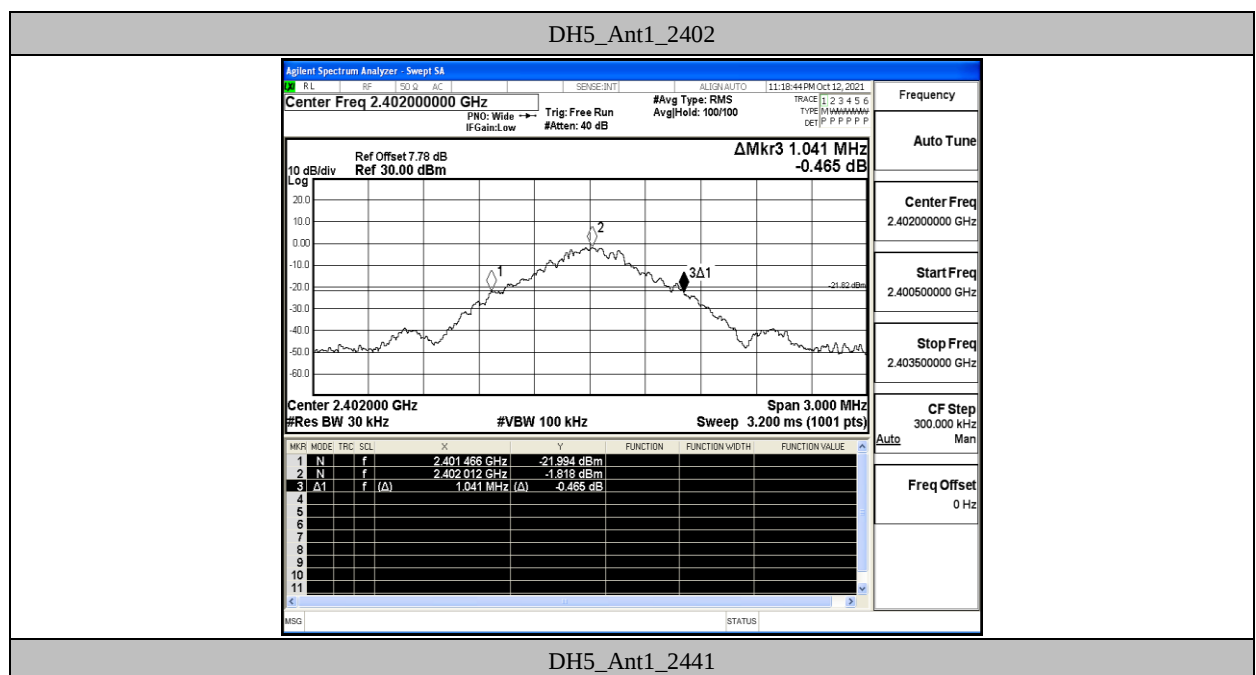
Temperature:	25° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan

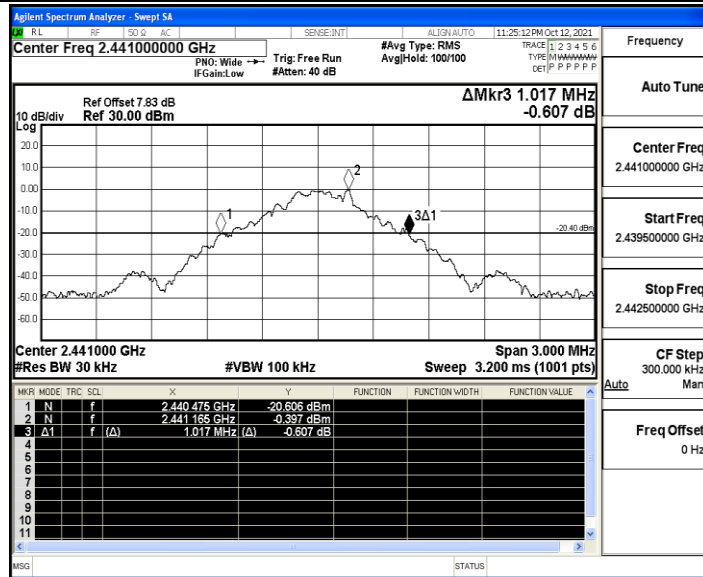
A.1 20dB Emission Bandwidth

Test Result

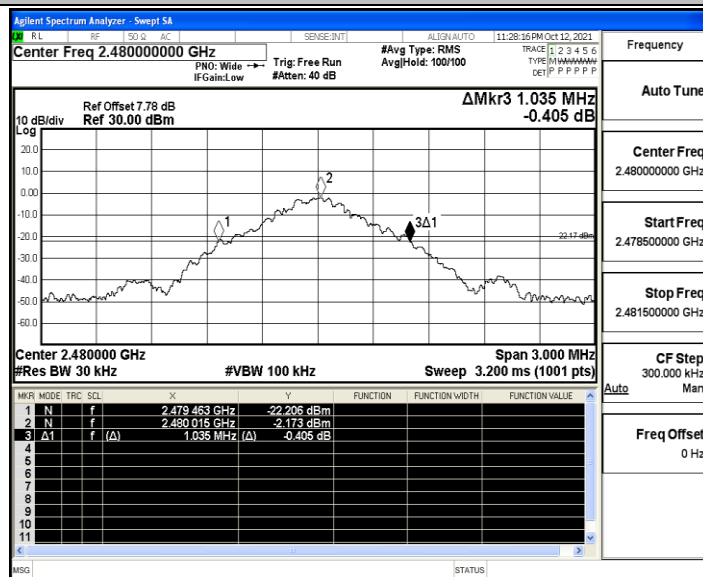
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.041	2401.466	2402.507	---	PASS
		2441	1.017	2440.475	2441.492	---	PASS
		2480	1.035	2479.463	2480.498	---	PASS
2DH5	Ant1	2402	1.296	2401.361	2402.657	---	PASS
		2441	1.287	2440.364	2441.651	---	PASS
		2480	1.308	2479.352	2480.660	---	PASS
3DH5	Ant1	2402	1.254	2401.373	2402.627	---	PASS
		2441	1.320	2440.343	2441.663	---	PASS
		2480	1.311	2479.349	2480.660	---	PASS

Test Graphs

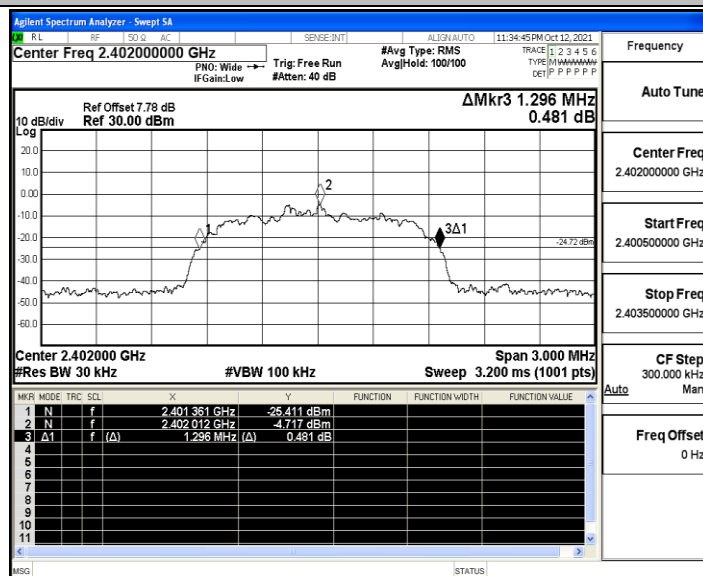




DH5_Ant1_2480

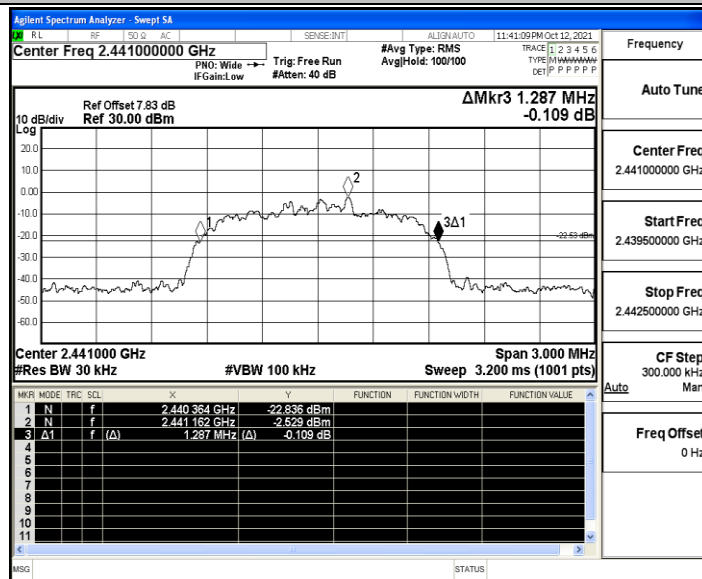


2DH5_Ant1_2402

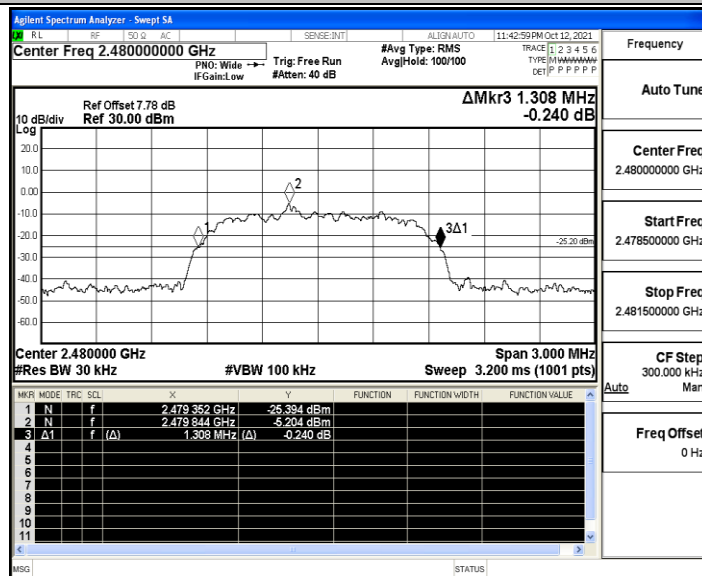




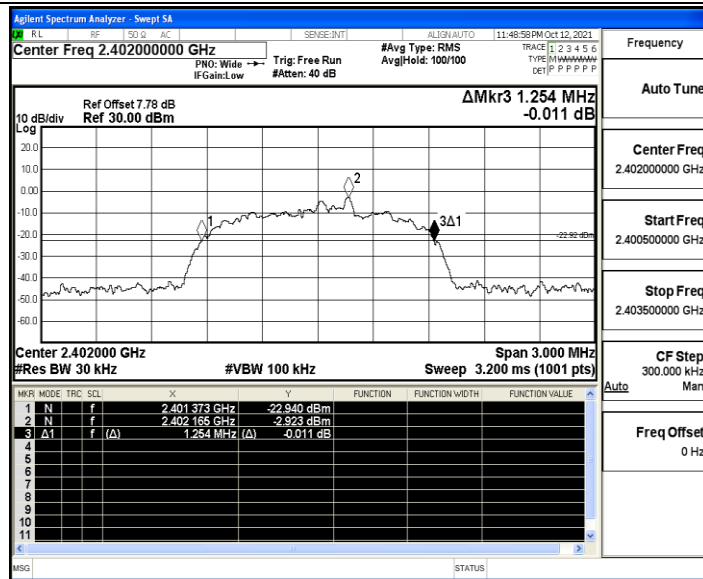
2DH5_Ant1_2441



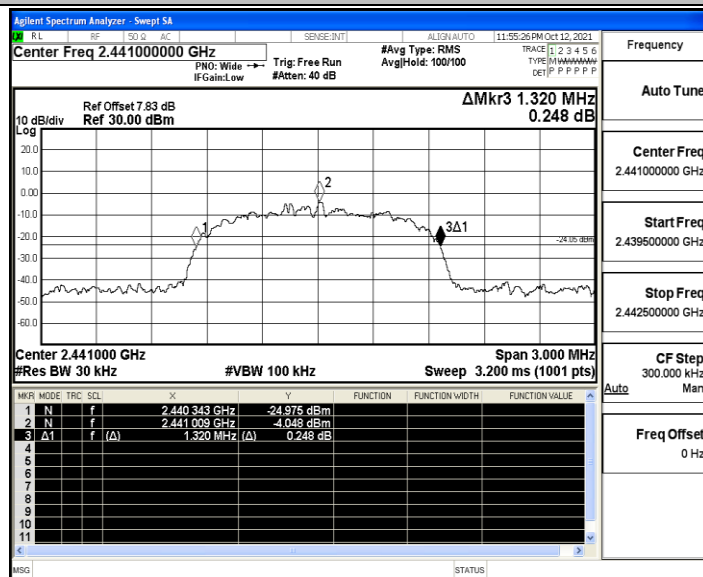
2DH5_Ant1_2480



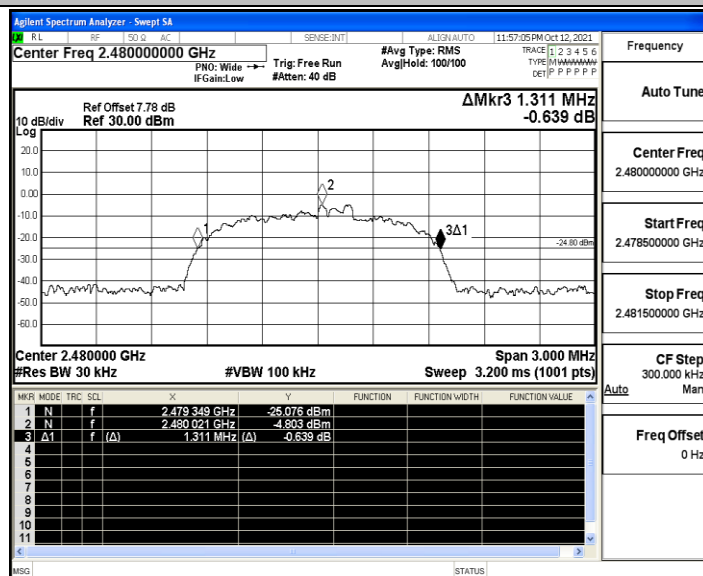
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

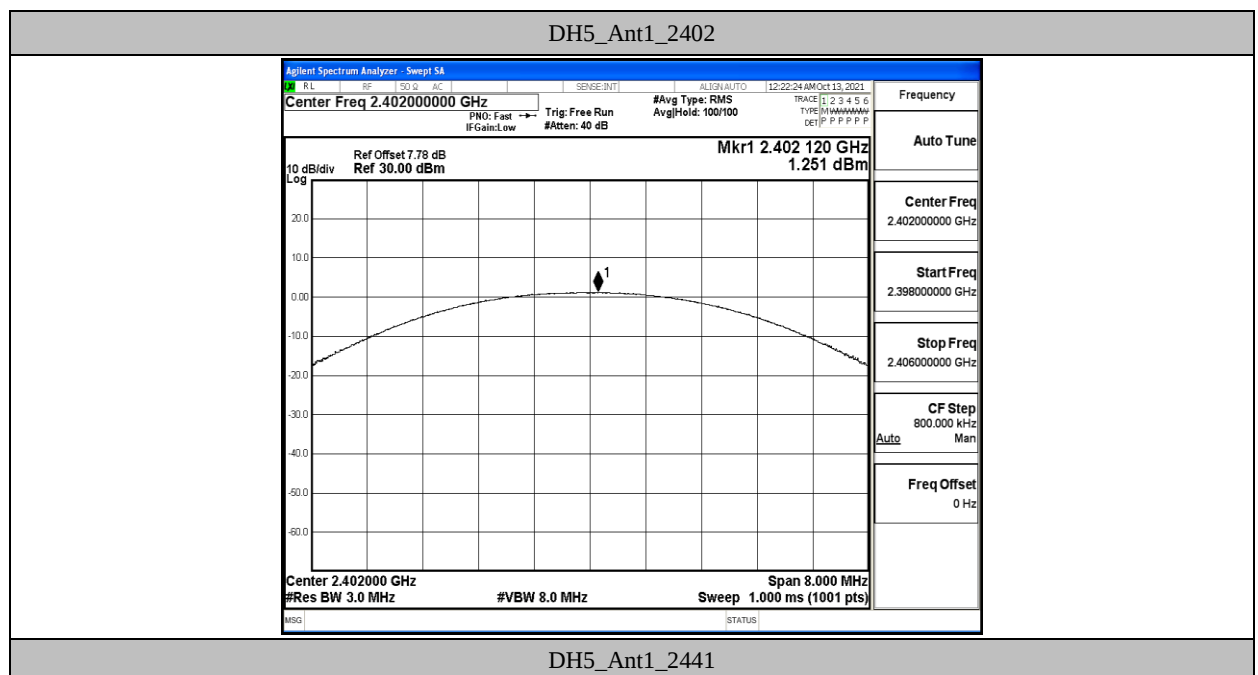


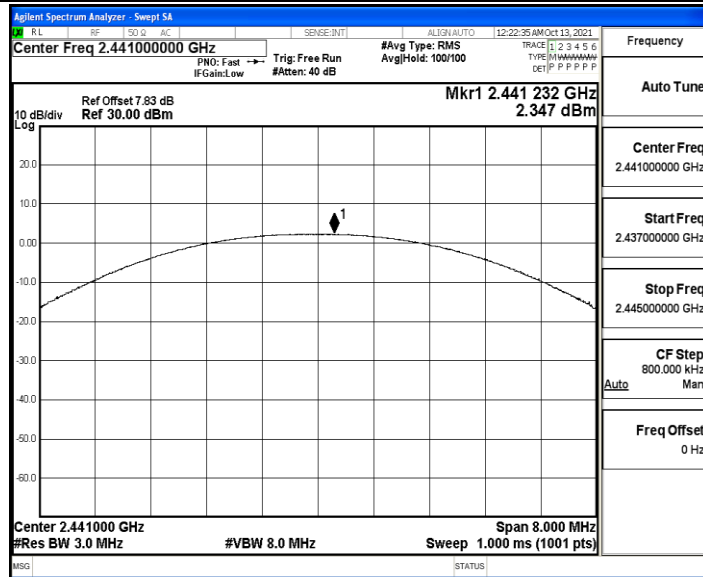
A.2 Maximum conducted output power

Test Result

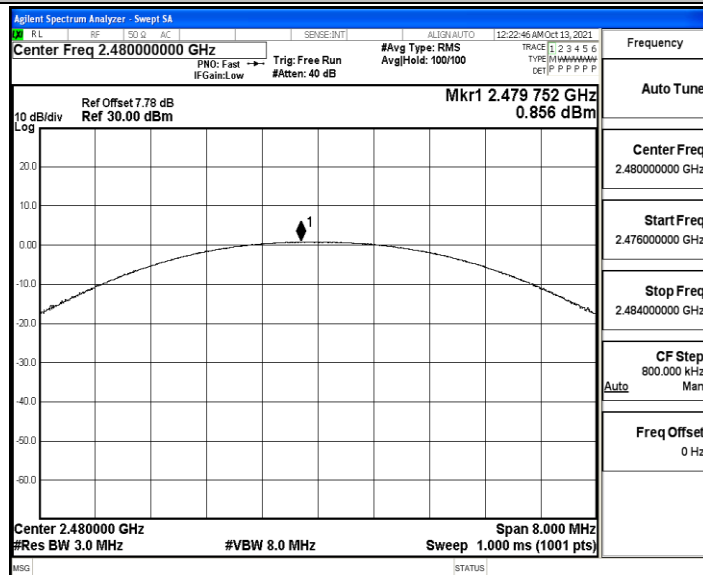
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.25	≤20.97	PASS
		2441	2.35	≤20.97	PASS
		2480	0.86	≤20.97	PASS
2DH5	Ant1	2402	0.27	≤20.97	PASS
		2441	1.34	≤20.97	PASS
		2480	-0.04	≤20.97	PASS
3DH5	Ant1	2402	0.4	≤20.97	PASS
		2441	1.59	≤20.97	PASS
		2480	0.11	≤20.97	PASS

Test Graphs

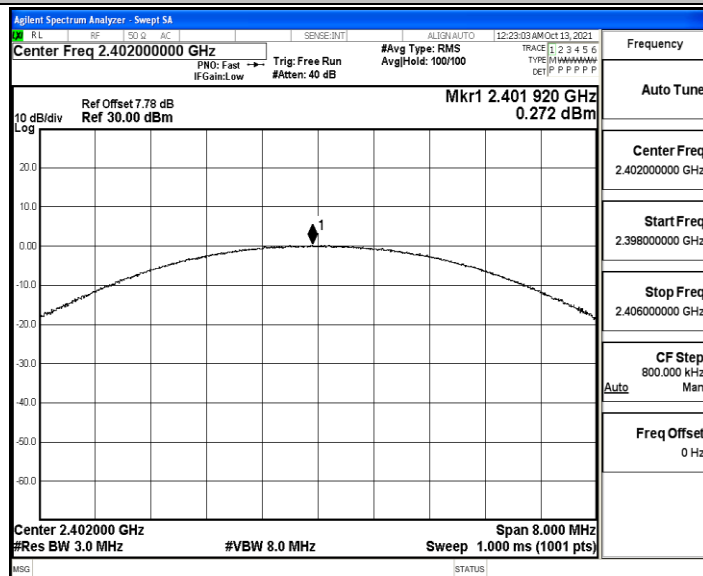




DH5_Ant1_2480

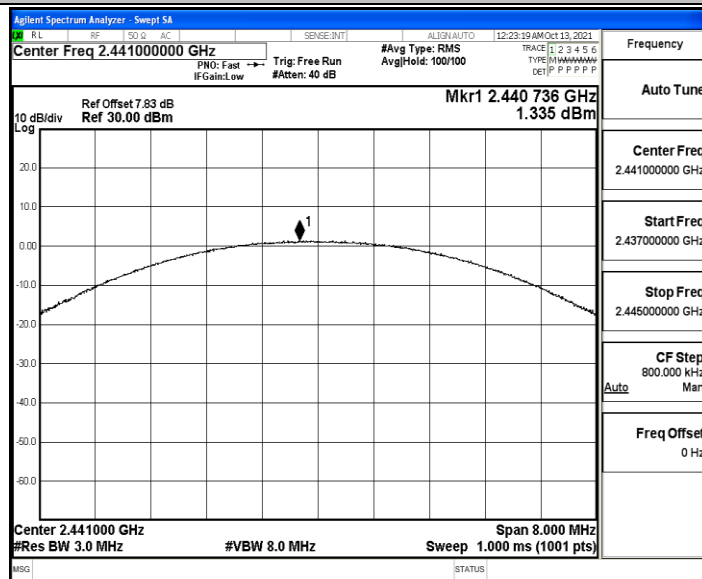


2DH5_Ant1_2402

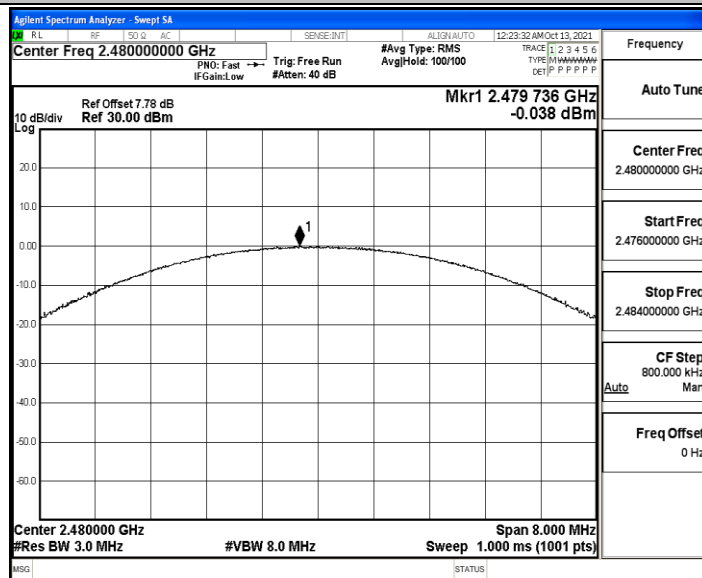




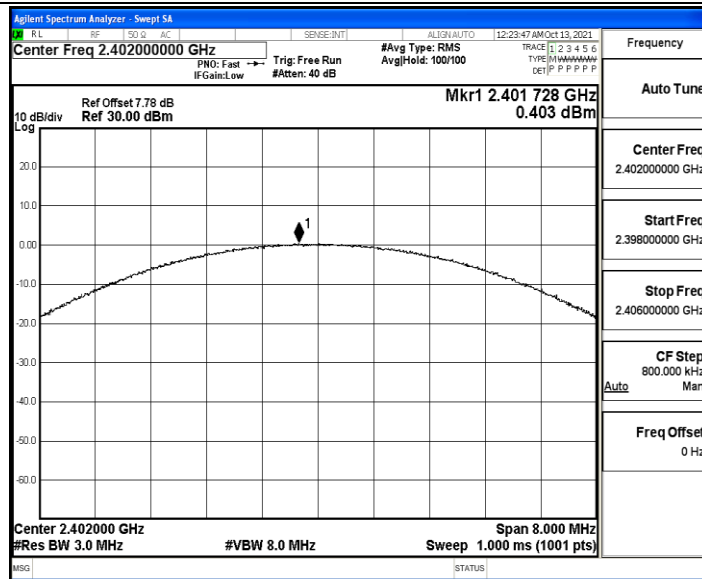
2DH5_Ant1_2441



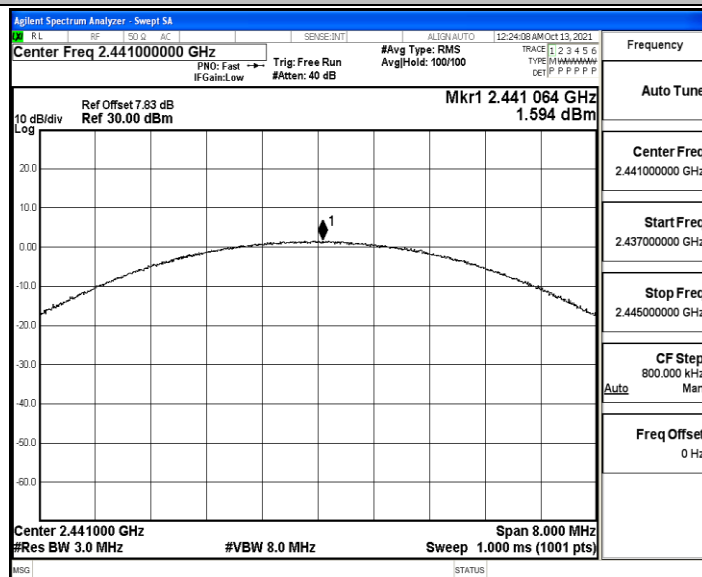
2DH5_Ant1_2480



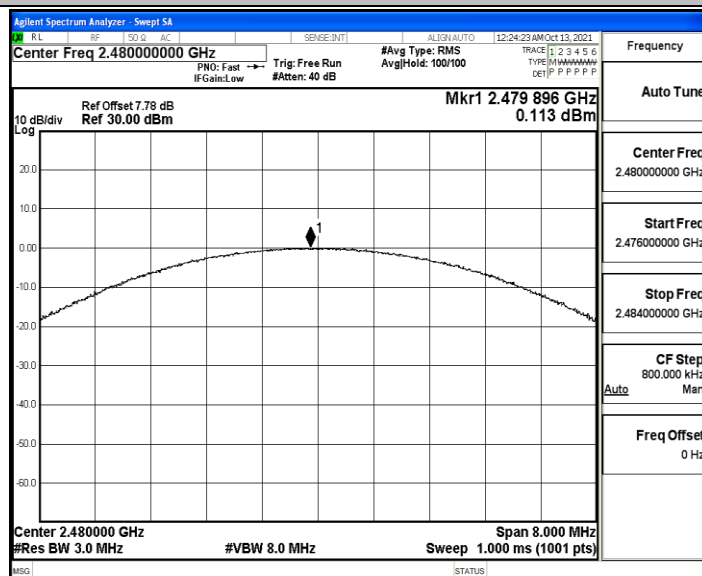
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



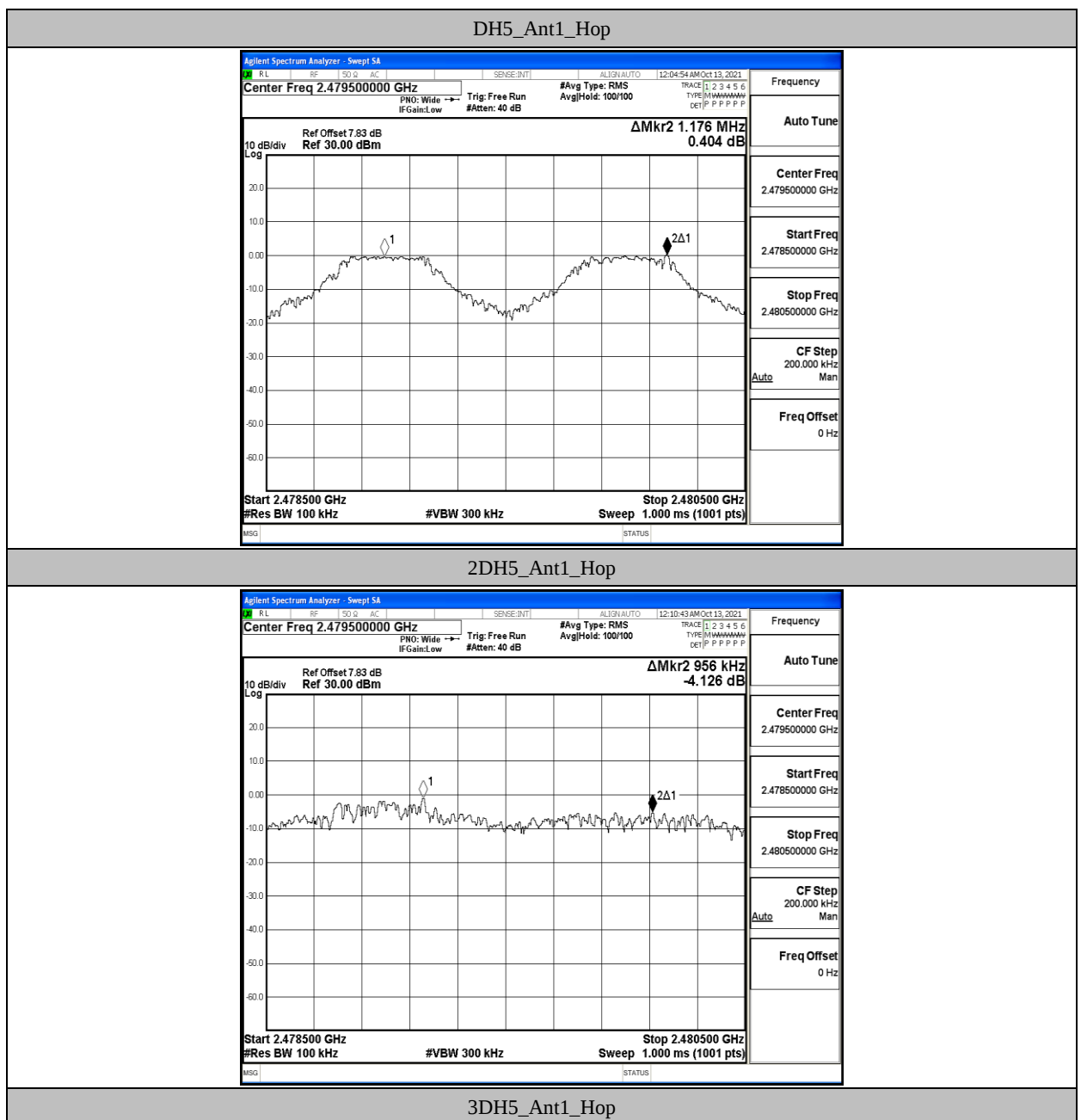


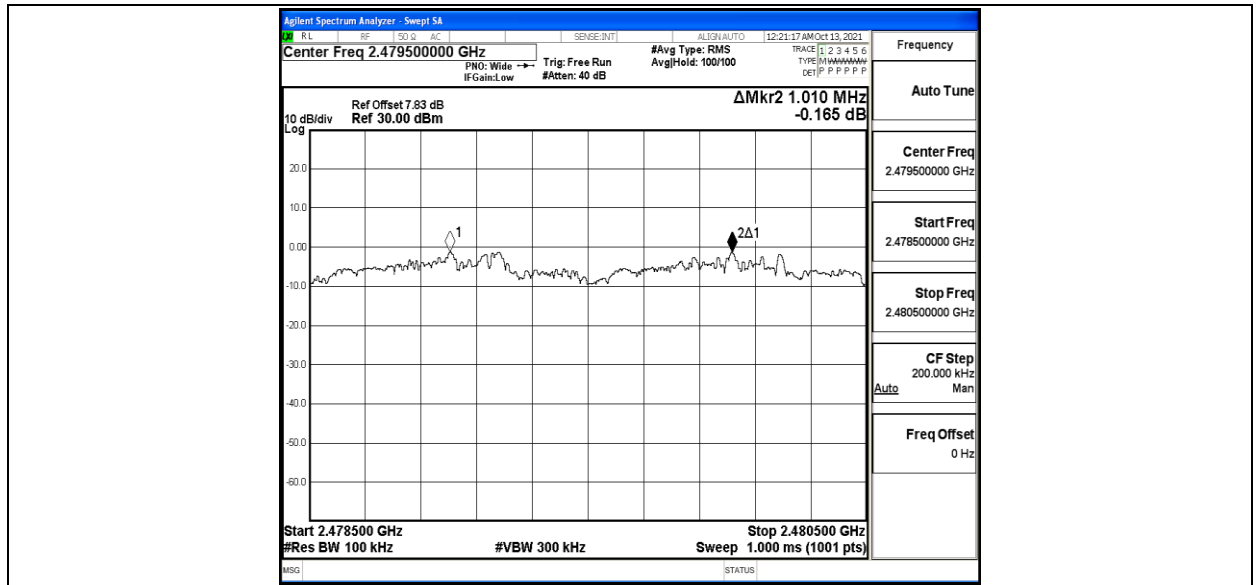
A.3 Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.176	≥ 0.694	PASS
2DH5	Ant1	Hop	0.956	≥ 0.872	PASS
3DH5	Ant1	Hop	1.01	≥ 0.880	PASS

Test Graphs





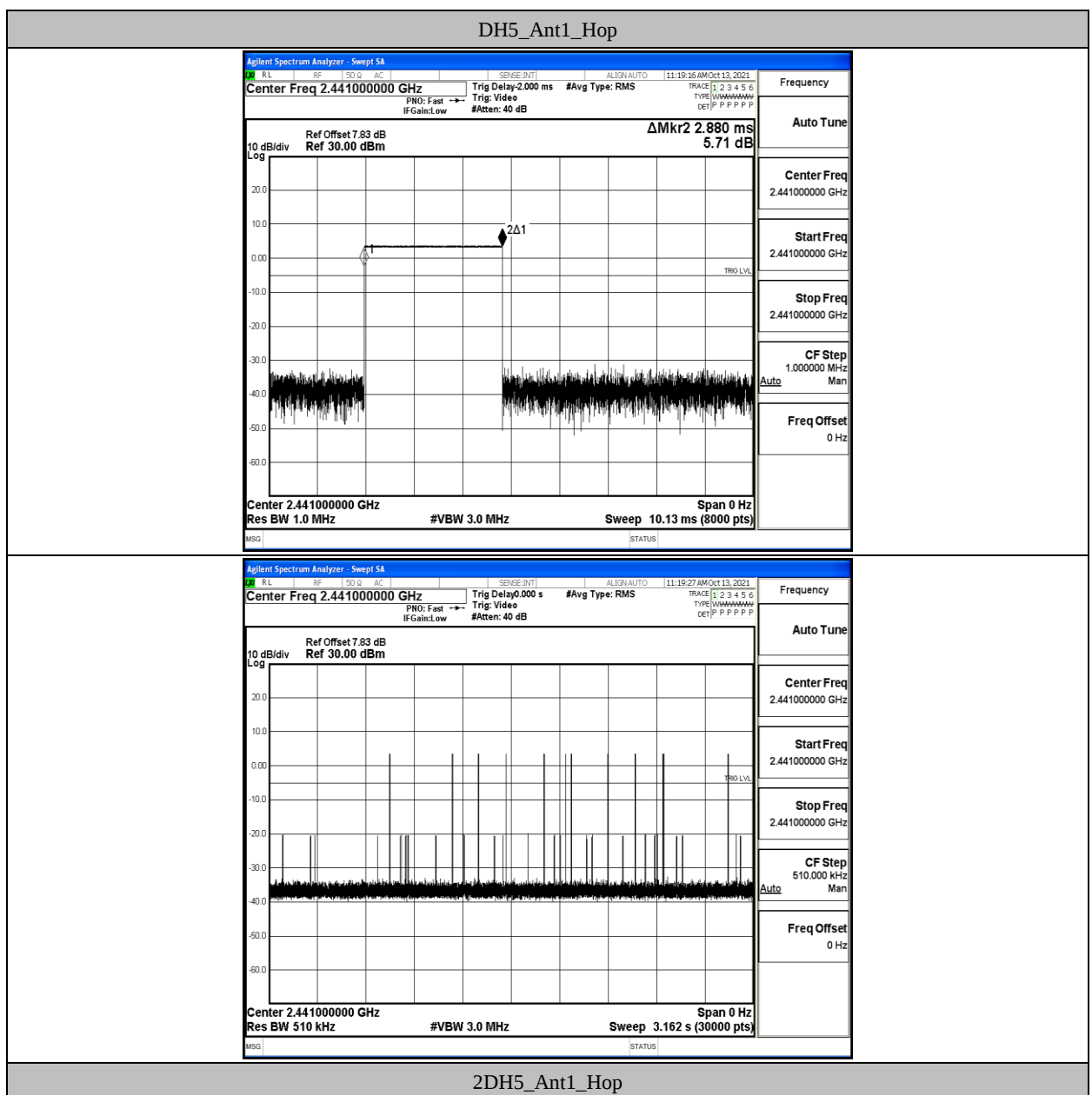


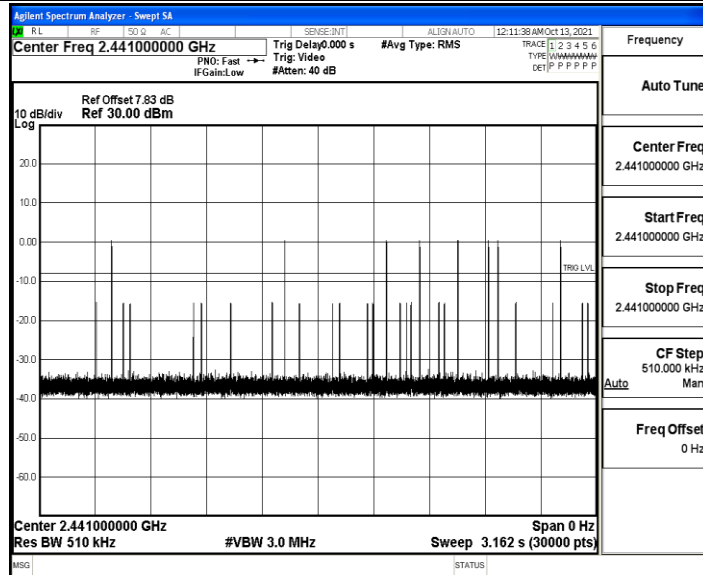
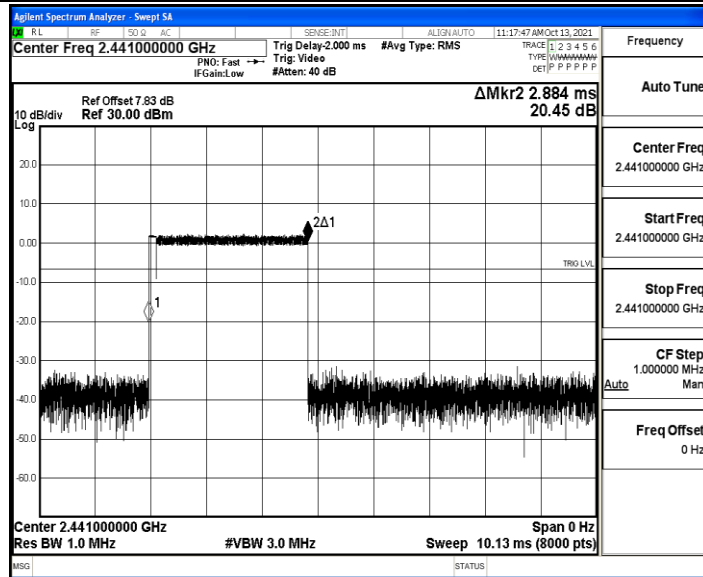
A.4 Time of occupancy

Test Result

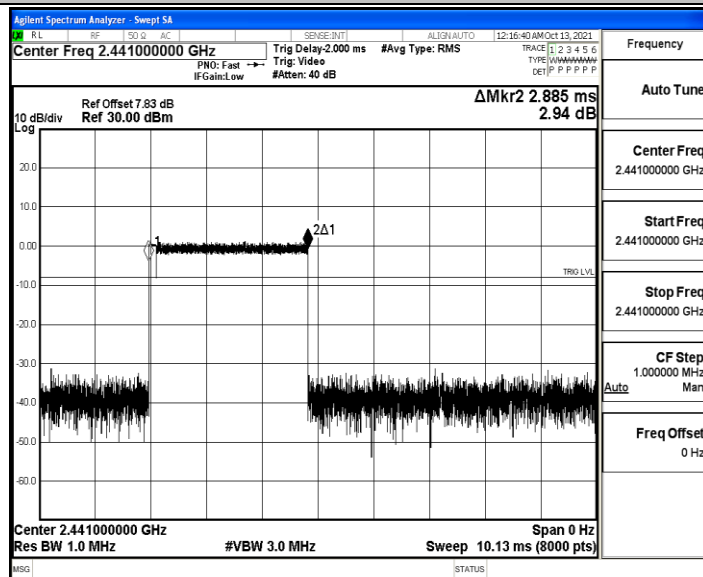
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	2.88	120	0.346	≤0.4	PASS
3DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS

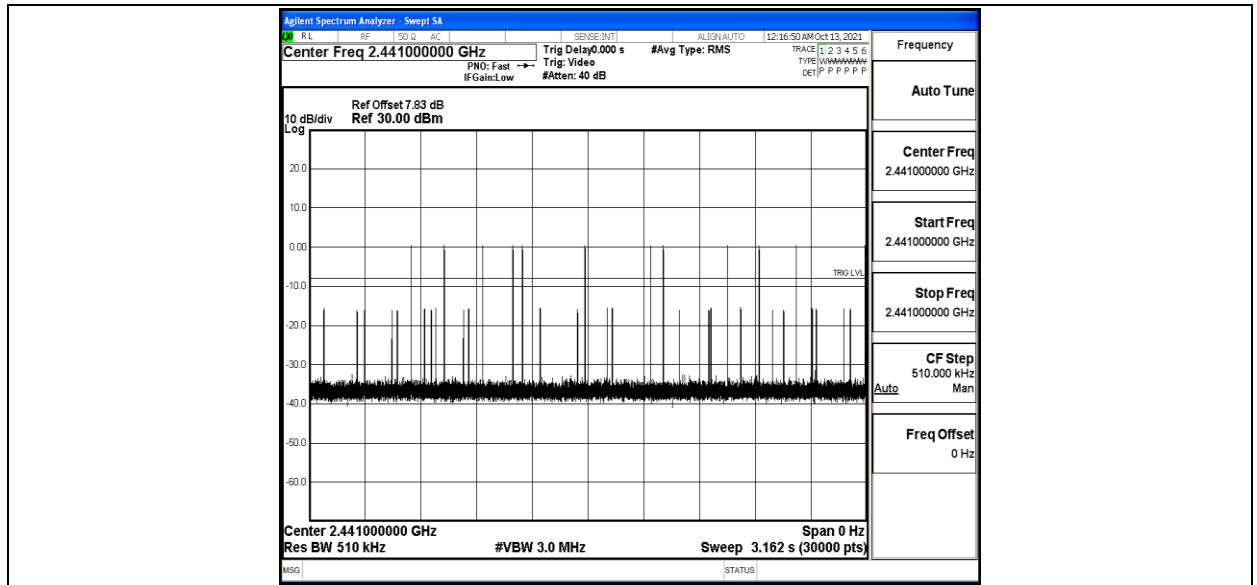
Test Graphs





3DH5_Ant1_Hop





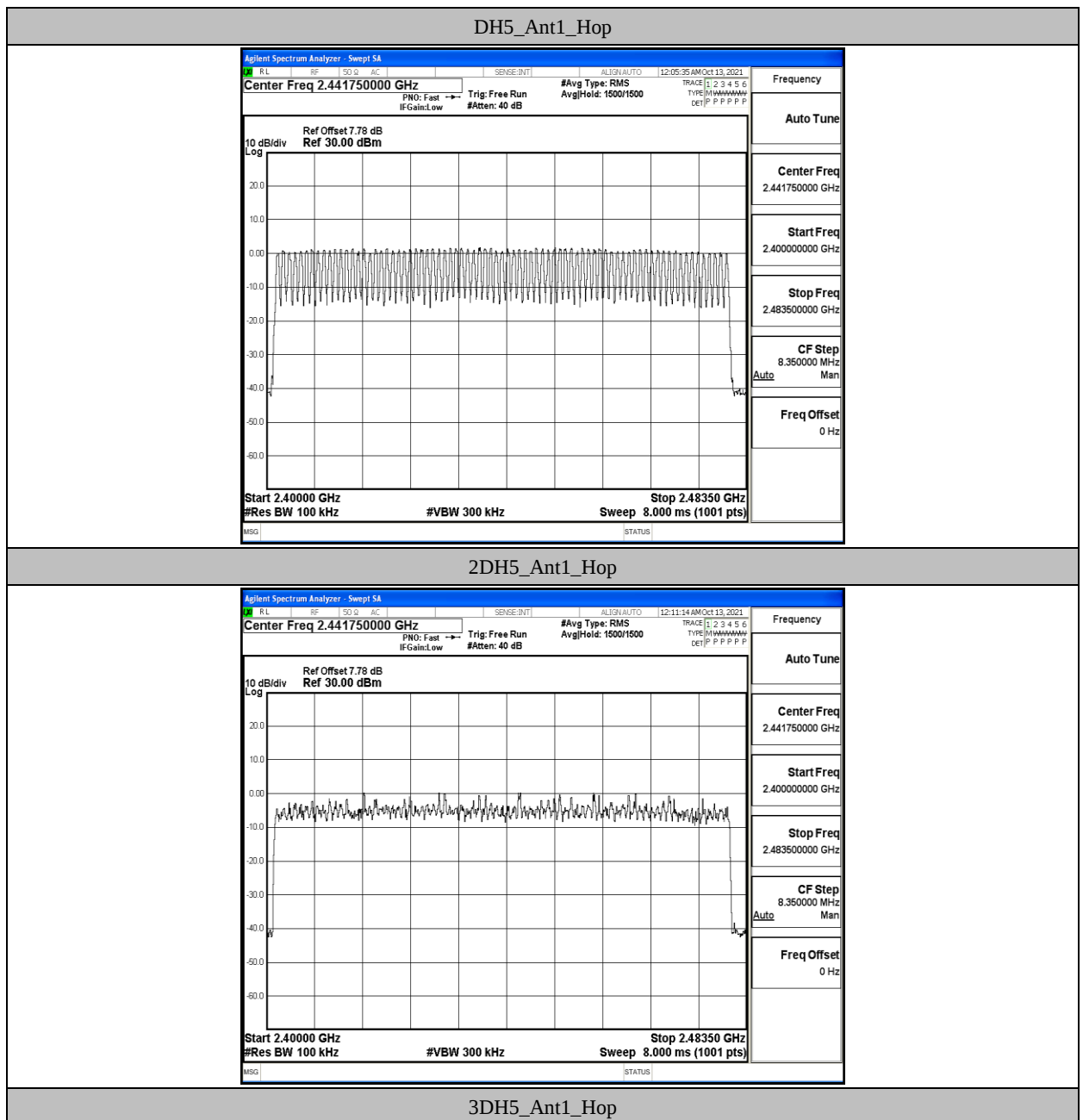


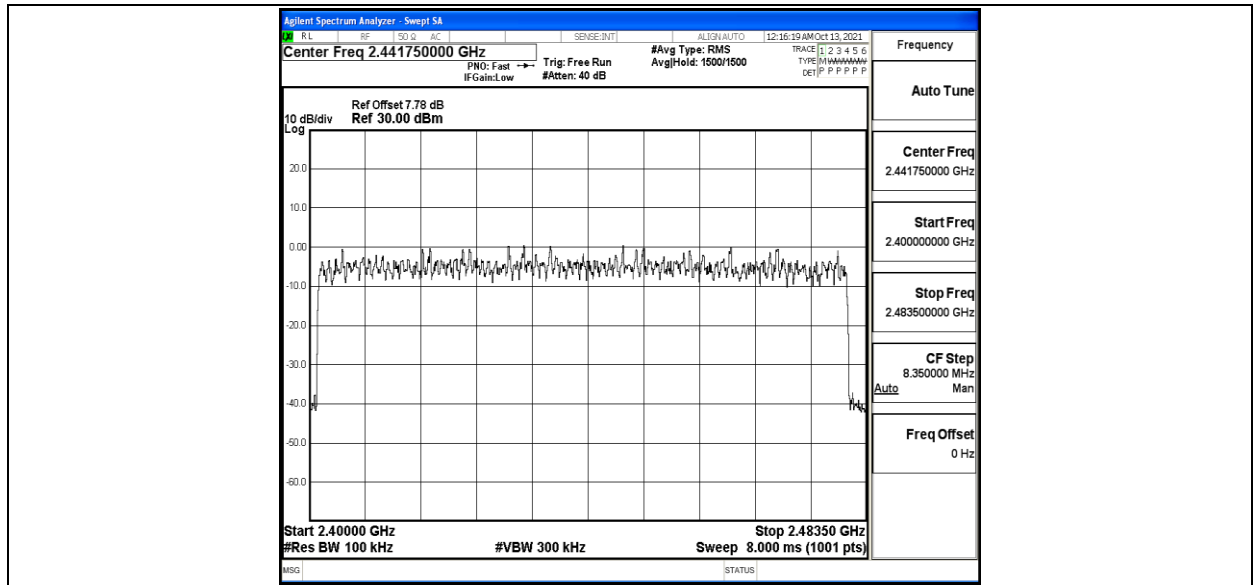
A.5 Number of hopping channels

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





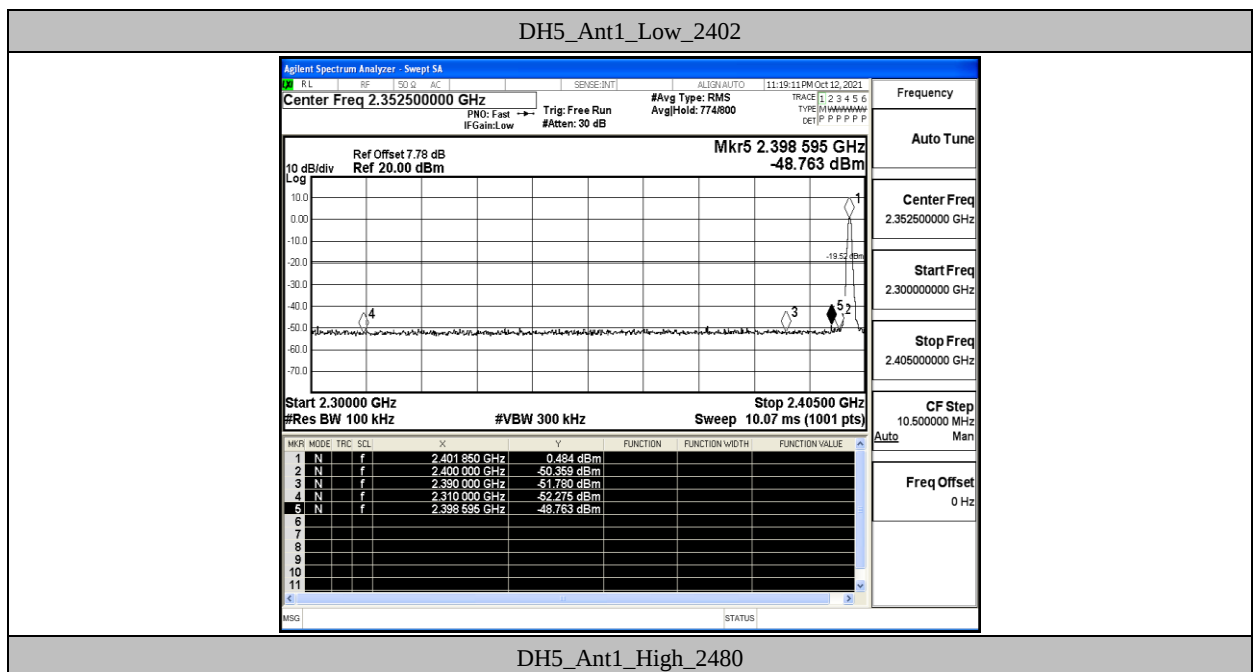


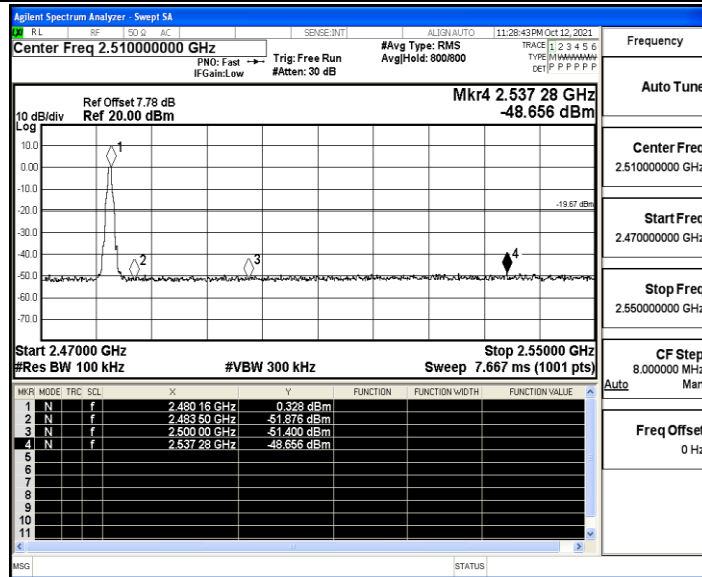
A.6 Band edge measurements

Test Result

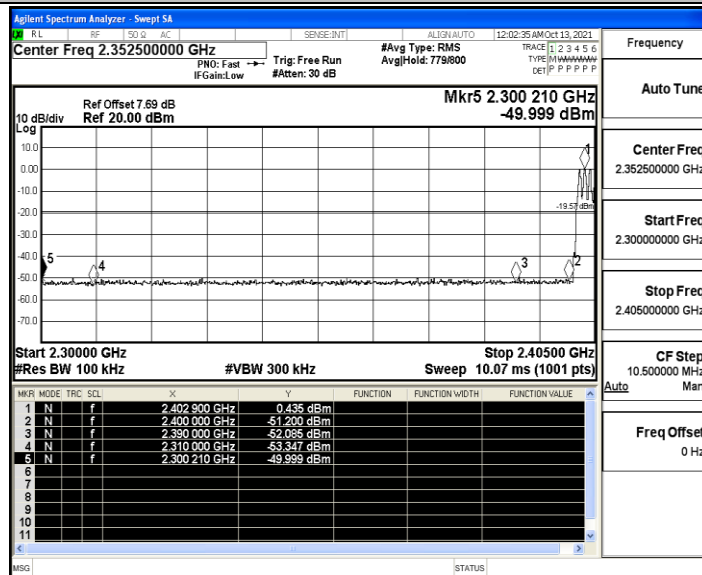
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.48	-48.76	≤ -19.52	PASS
		High	2480	0.33	-48.66	≤ -19.67	PASS
		Low	Hop_2402	0.44	-50	≤ -19.57	PASS
		High	Hop_2480	0.65	-48.97	≤ -19.35	PASS
2DH5	Ant1	Low	2402	-0.94	-49.79	≤ -20.94	PASS
		High	2480	-0.93	-48.1	≤ -20.93	PASS
		Low	Hop_2402	-4.59	-48.97	≤ -24.59	PASS
		High	Hop_2480	-2.42	-48.48	≤ -22.42	PASS
3DH5	Ant1	Low	2402	-0.86	-49.98	≤ -20.86	PASS
		High	2480	-2.20	-48.1	≤ -22.2	PASS
		Low	Hop_2402	-4.33	-49.48	≤ -24.33	PASS
		High	Hop_2480	-1.54	-48.67	≤ -21.54	PASS

Test Graphs

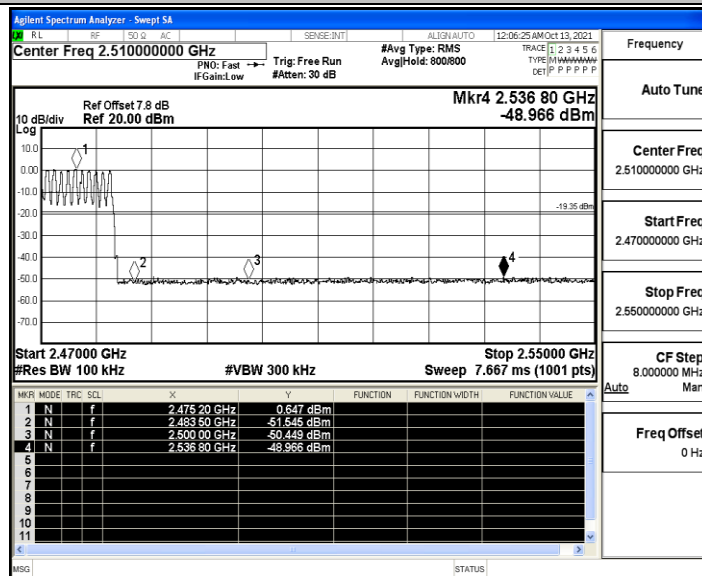




DH5_Ant1_Low_Hop_2402

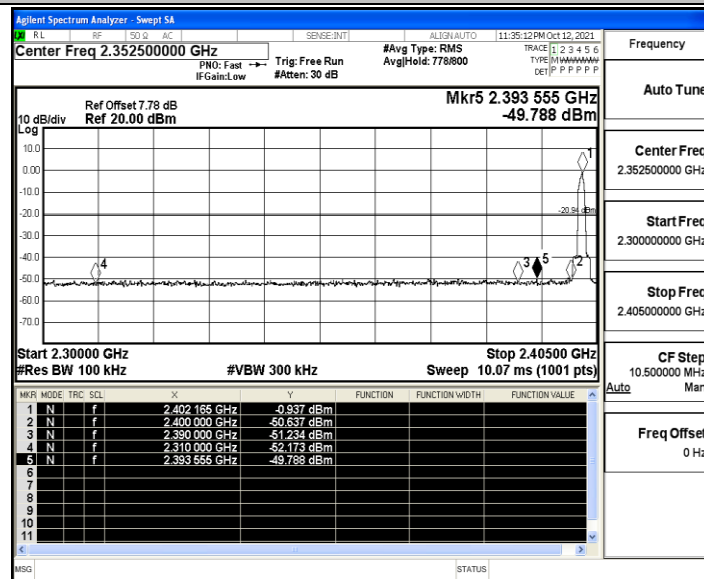


DH5_Ant1_High_Hop_2480

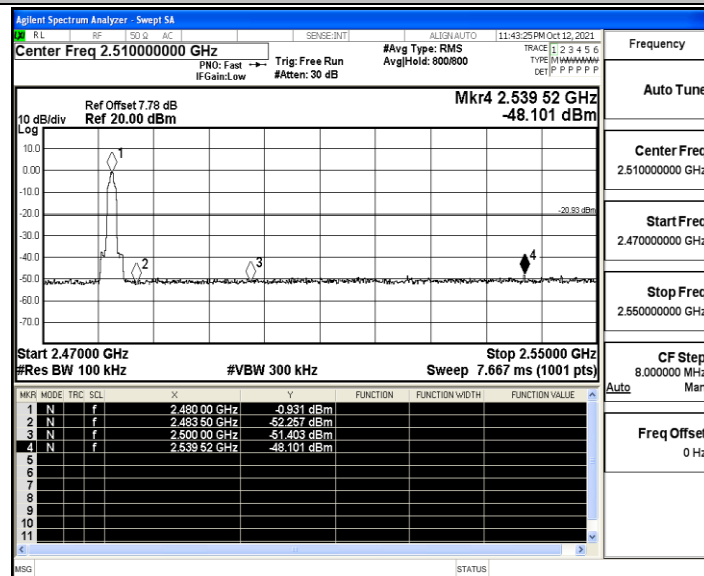




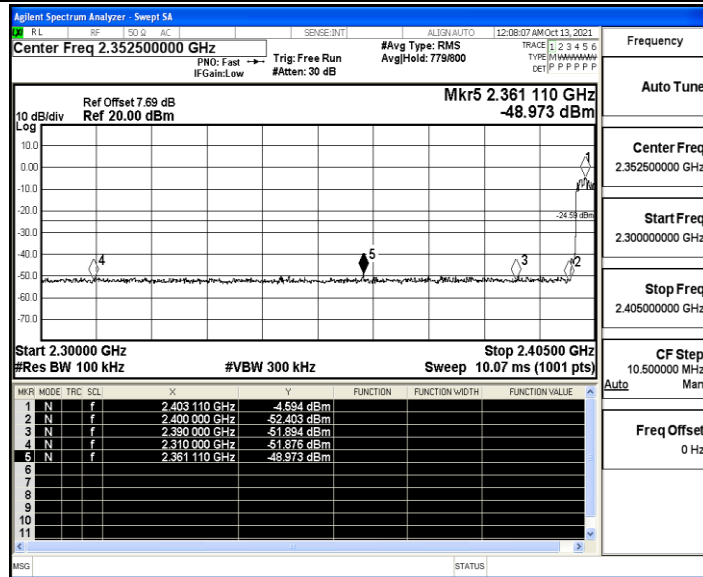
2DH5_Ant1_Low_2402



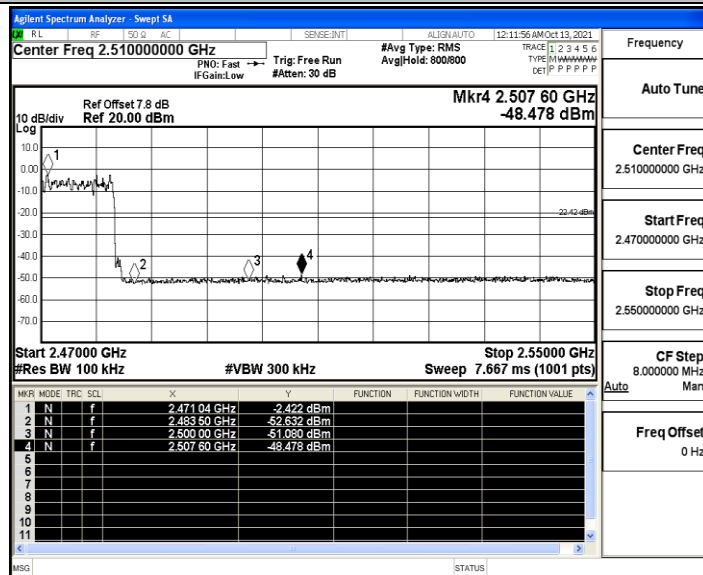
2DH5_Ant1_High_2480



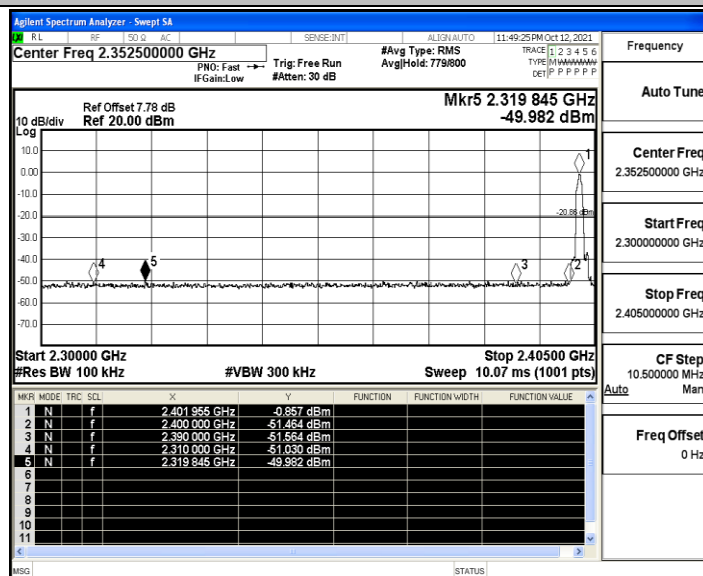
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480

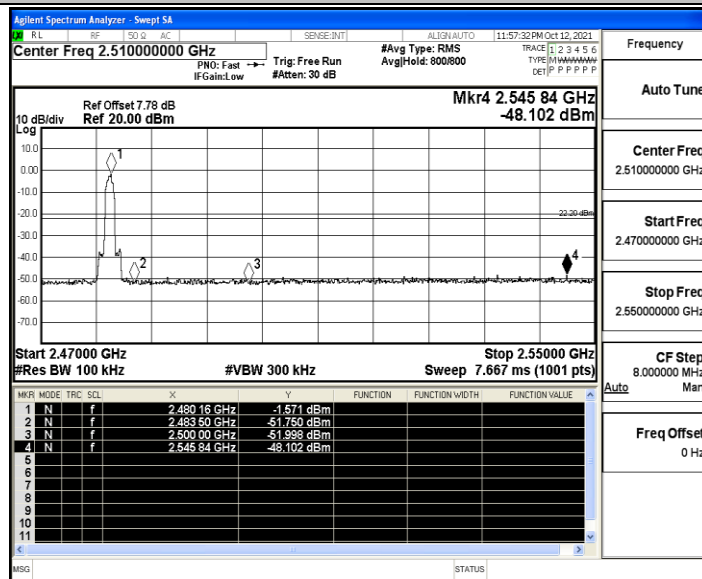


3DH5_Ant1_Low_2402

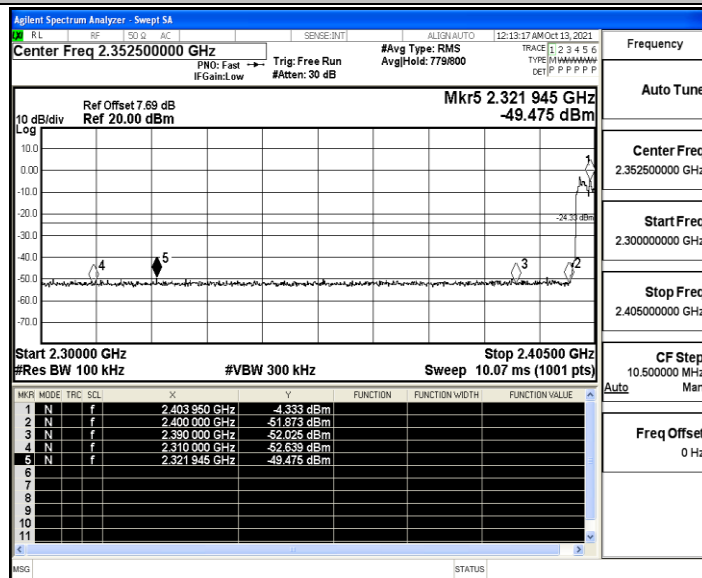




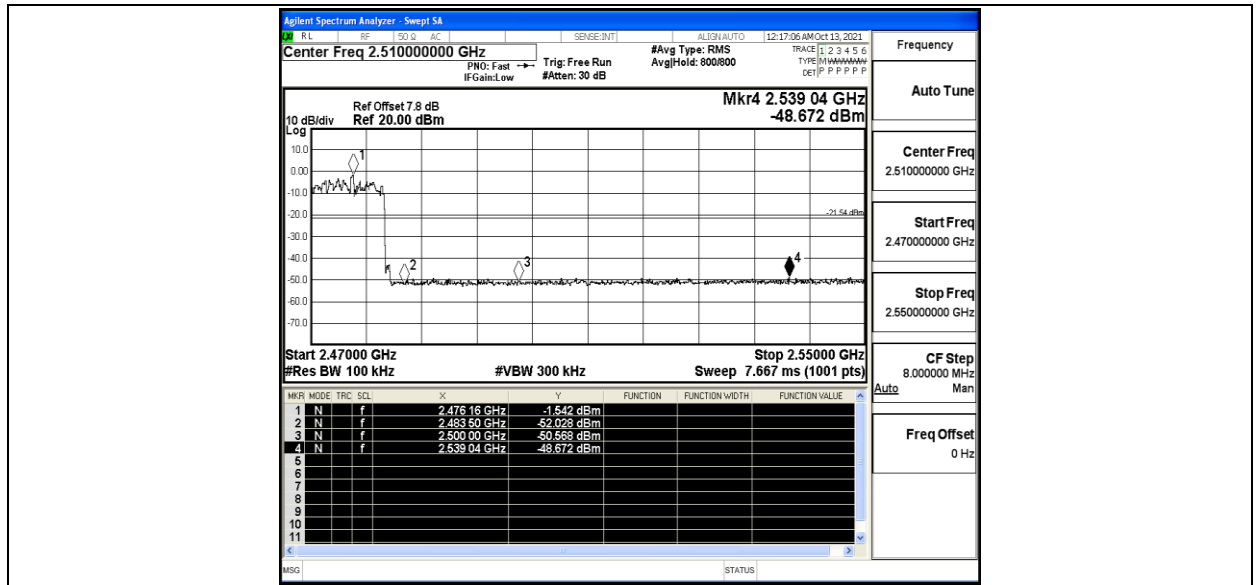
3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

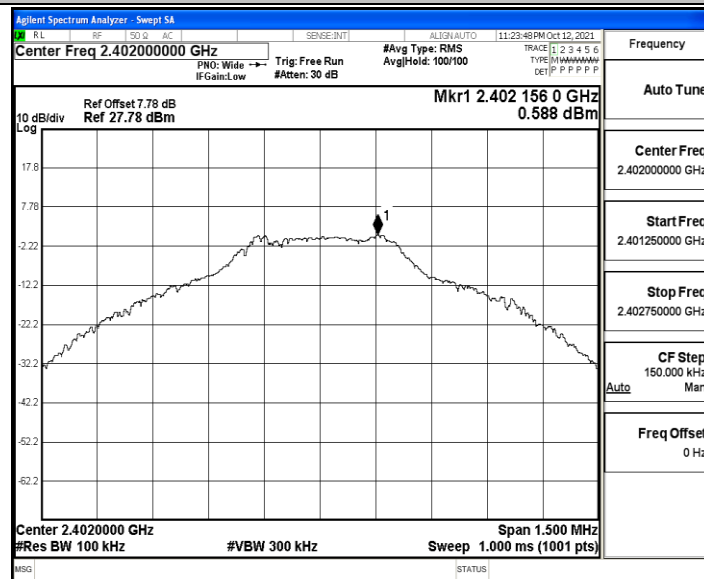
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.59	0.59	---	PASS
			30~1000	0.59	-61.93	≤ -19.41	PASS
			1000~26500	0.59	-47.68	≤ -19.41	PASS
		2441	Reference	1.08	1.08	---	PASS
			30~1000	1.08	-61.08	≤ -18.92	PASS
			1000~26500	1.08	-47.7	≤ -18.92	PASS
		2480	Reference	-0.34	-0.34	---	PASS
			30~1000	-0.34	-61.82	≤ -20.34	PASS
			1000~26500	-0.34	-48.05	≤ -20.34	PASS
2DH5	Ant1	2402	Reference	-0.89	-0.89	---	PASS
			30~1000	-0.89	-61.51	≤ -20.89	PASS
			1000~26500	-0.89	-47.75	≤ -20.89	PASS
		2441	Reference	-0.03	-0.03	---	PASS
			30~1000	-0.03	-61.66	≤ -20.03	PASS
			1000~26500	-0.03	-47.51	≤ -20.03	PASS
		2480	Reference	-1.92	-1.92	---	PASS
			30~1000	-1.92	-60.61	≤ -21.92	PASS
			1000~26500	-1.92	-48.05	≤ -21.92	PASS
3DH5	Ant1	2402	Reference	-0.99	-0.99	---	PASS
			30~1000	-0.99	-61.78	≤ -20.99	PASS
			1000~26500	-0.99	-47.62	≤ -20.99	PASS
		2441	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-61.38	≤ -19.69	PASS
			1000~26500	0.31	-47.61	≤ -19.69	PASS
		2480	Reference	-1.12	-1.12	---	PASS
			30~1000	-1.12	-61.62	≤ -21.12	PASS
			1000~26500	-1.12	-47.57	≤ -21.12	PASS

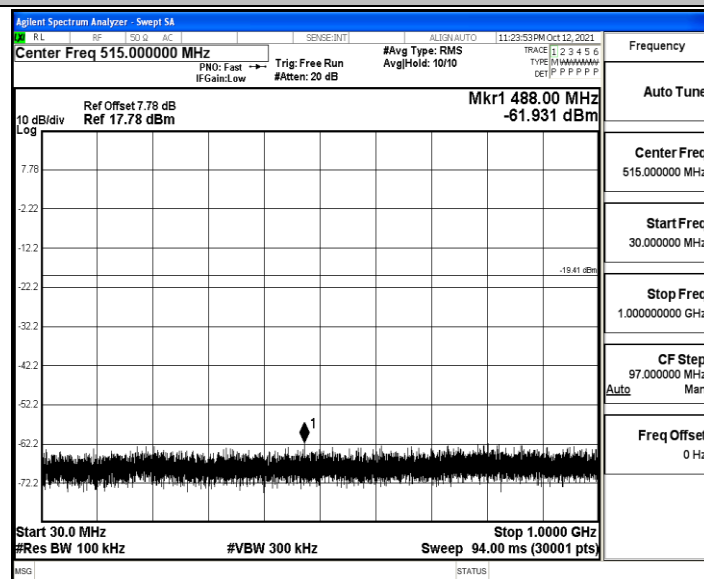


Test Graphs

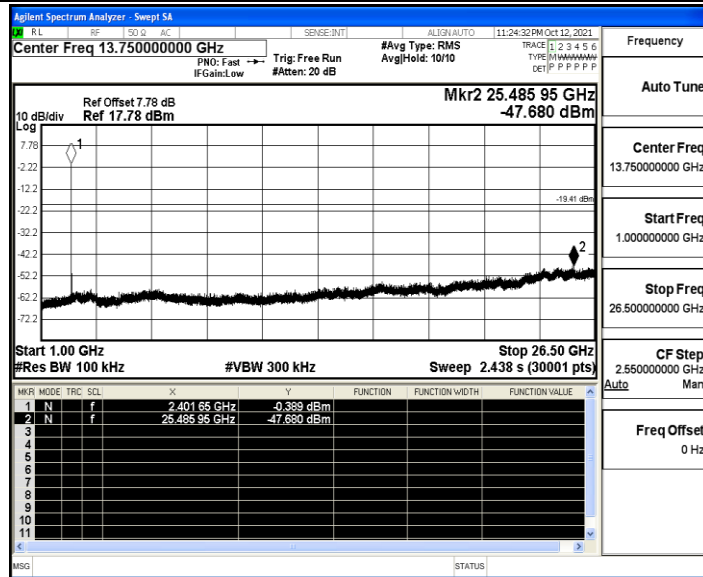
DH5_Ant1_2402_0~Reference



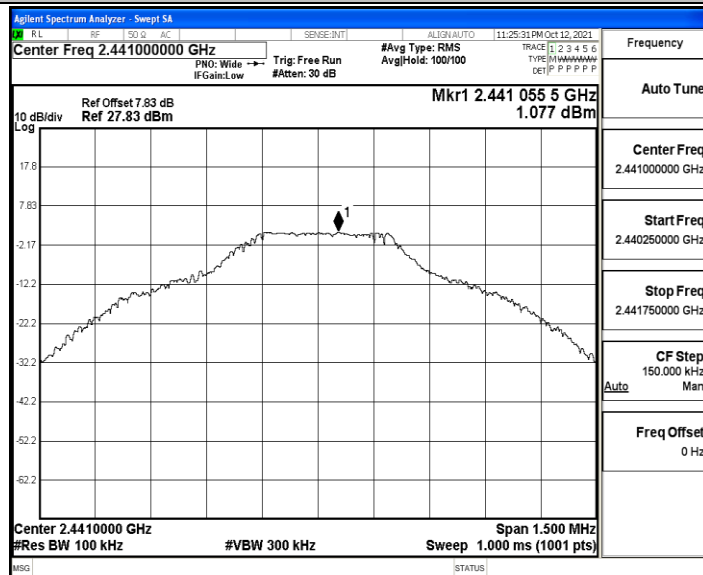
DH5_Ant1_2402_30~1000



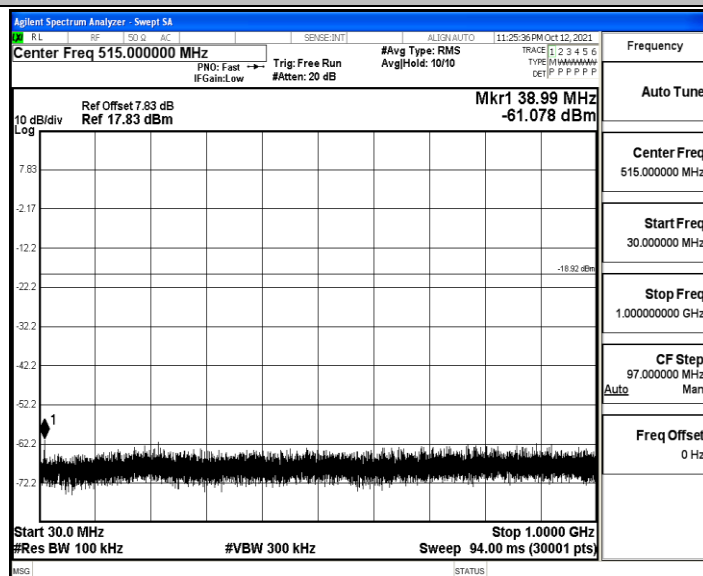
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

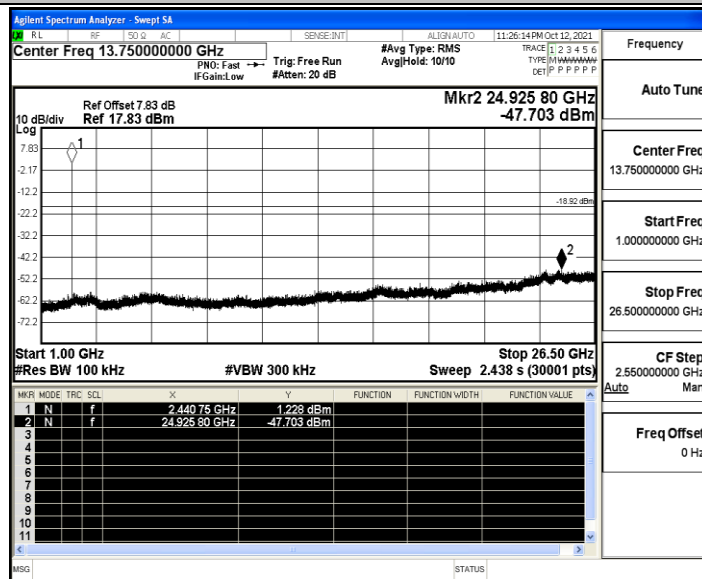


DH5_Ant1_2441_30~1000

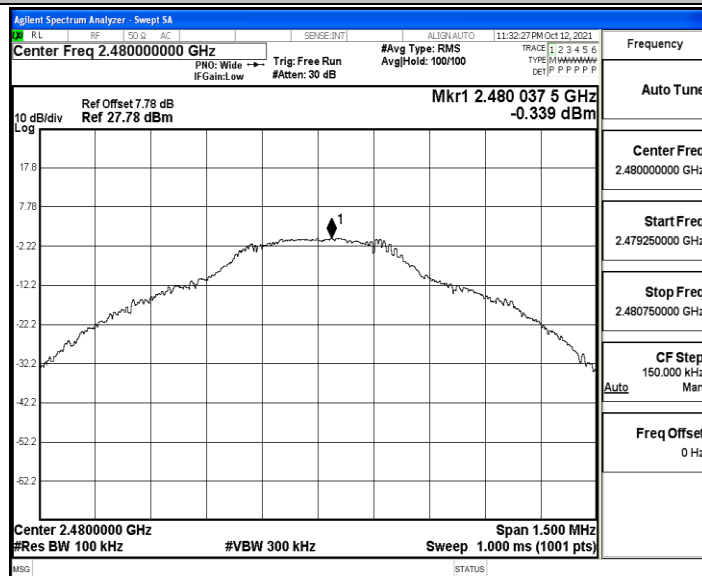




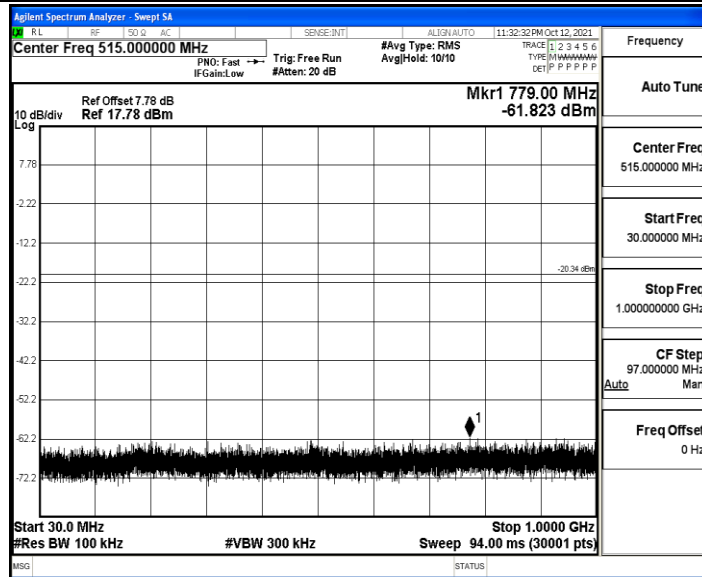
DH5_Ant1_2441_1000~26500



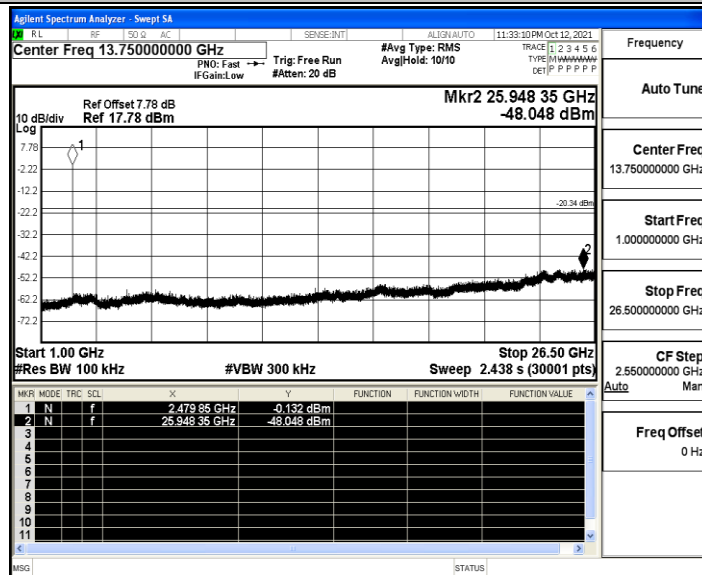
DH5_Ant1_2480_0~Reference



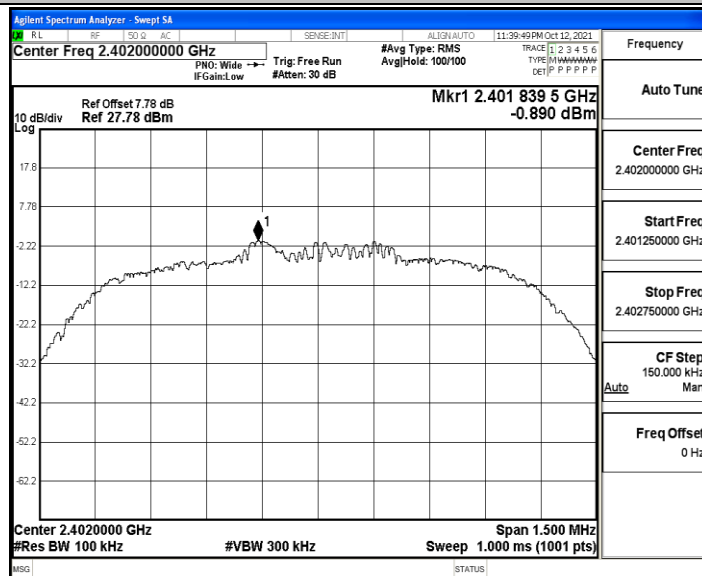
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

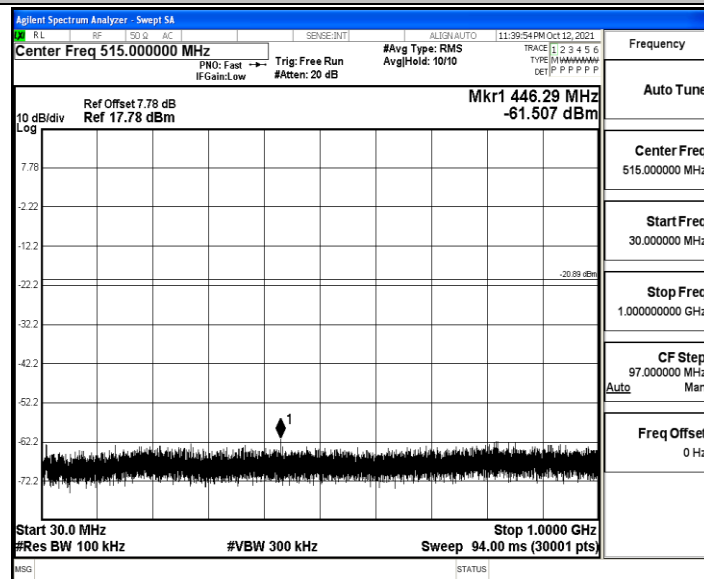


2DH5_Ant1_2402_0~Reference

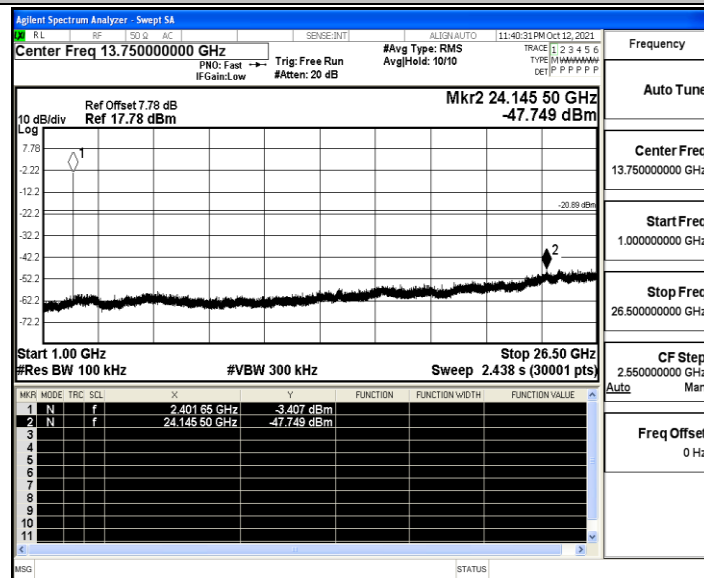




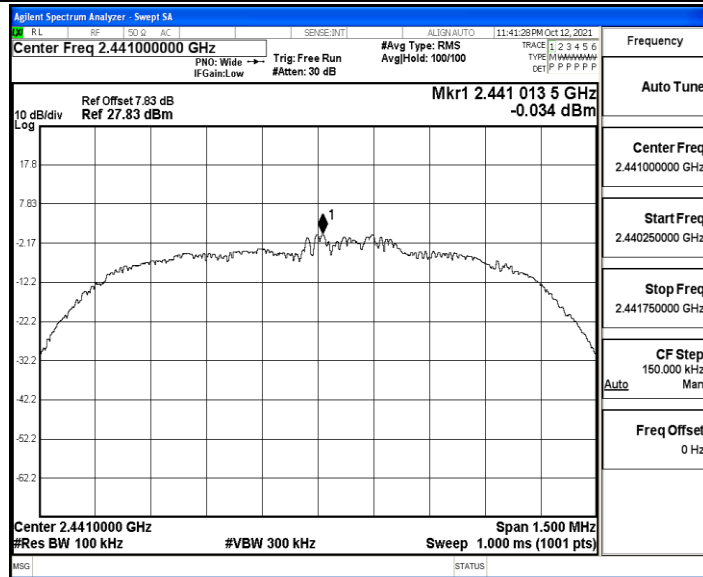
2DH5_Ant1_2402_30~1000



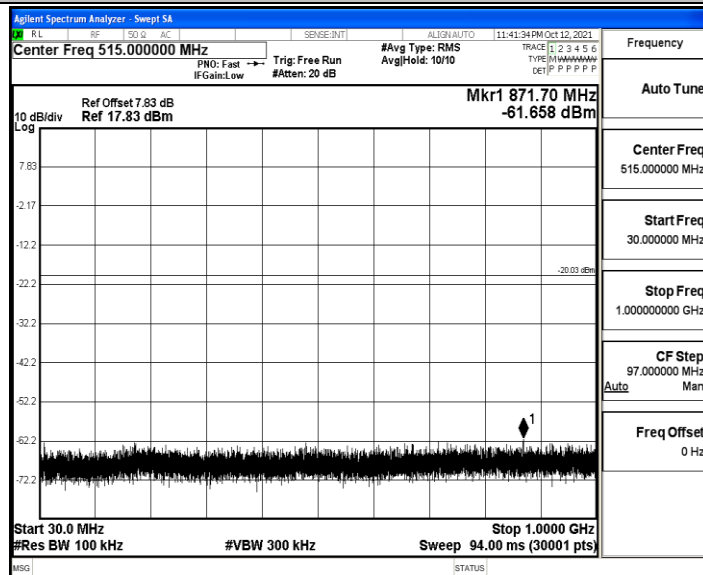
2DH5_Ant1_2402_1000~26500



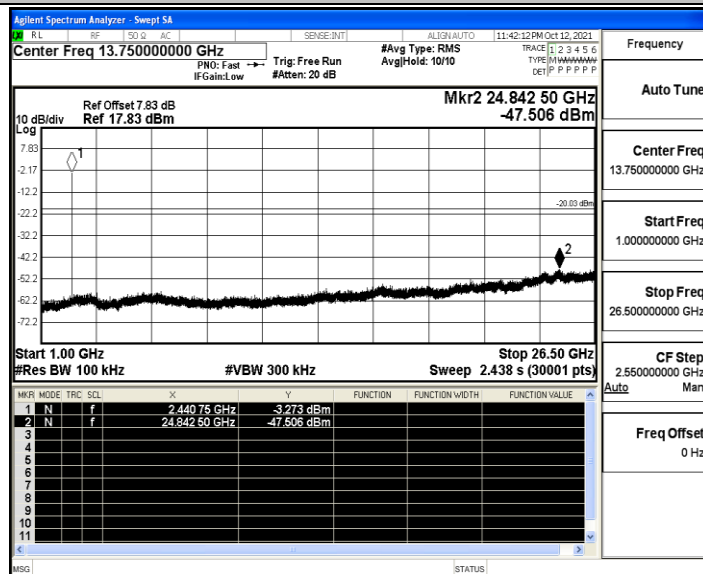
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

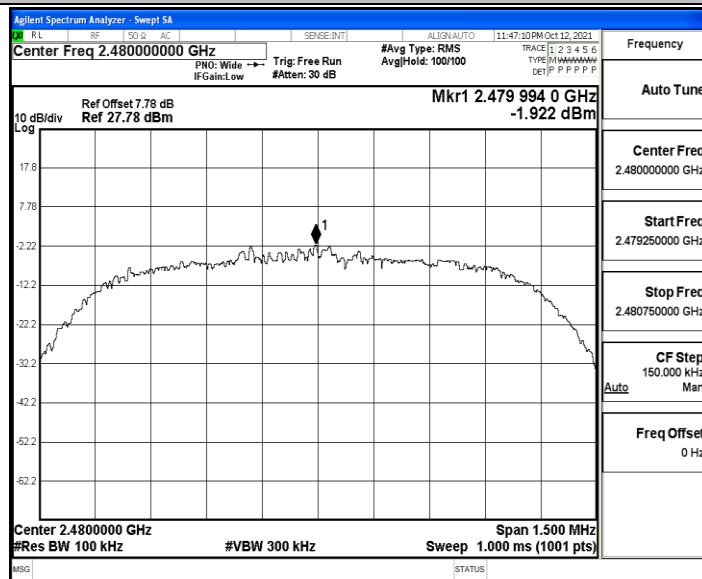


2DH5_Ant1_2441_1000~26500

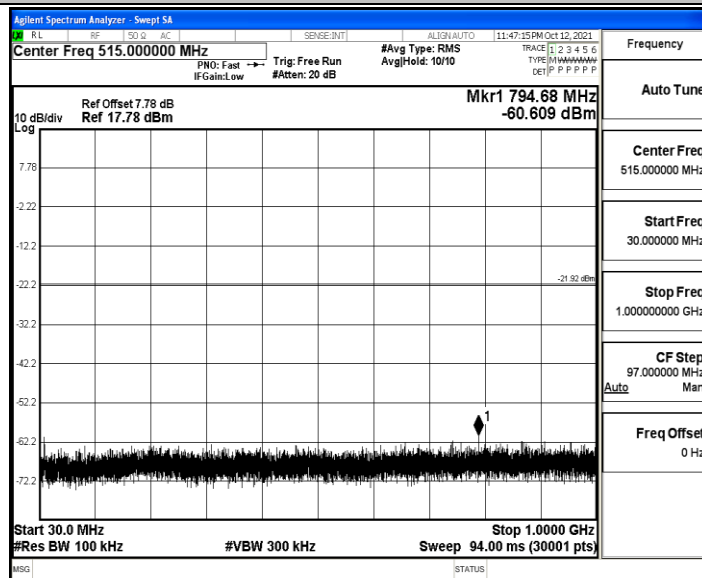




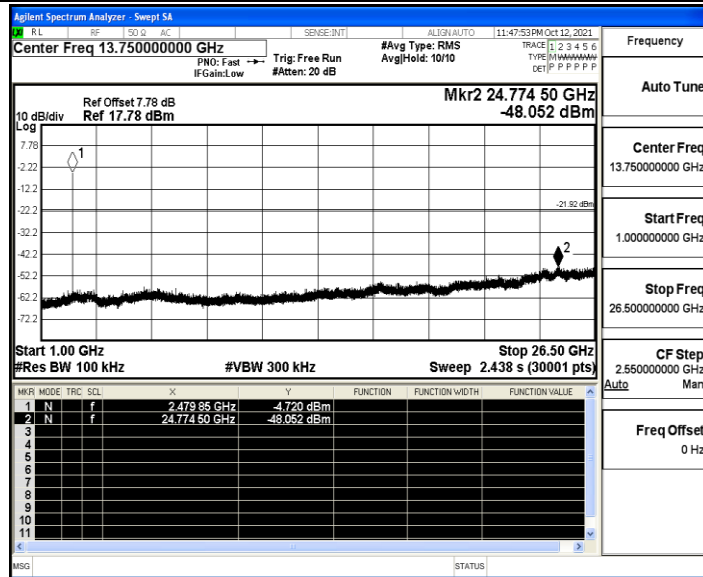
2DH5_Ant1_2480_0~Reference



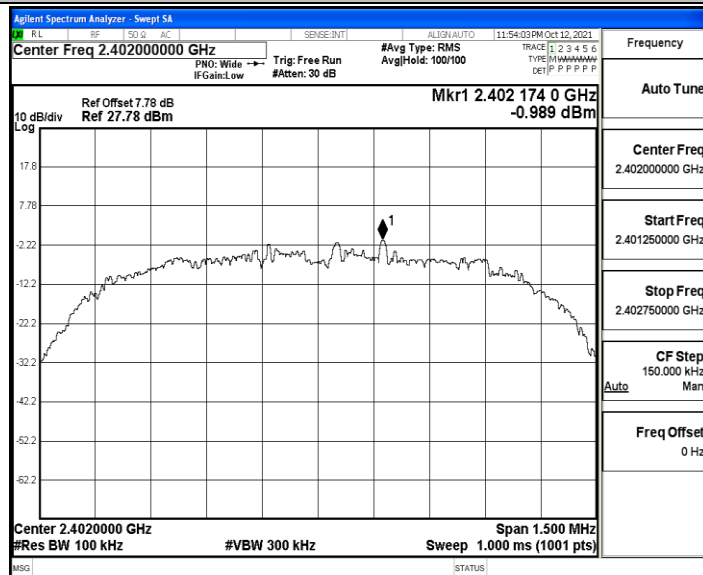
2DH5_Ant1_2480_30~1000



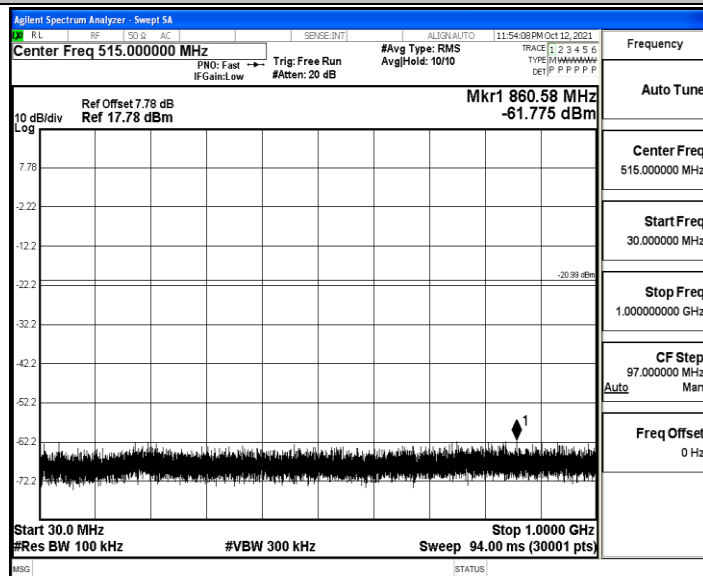
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

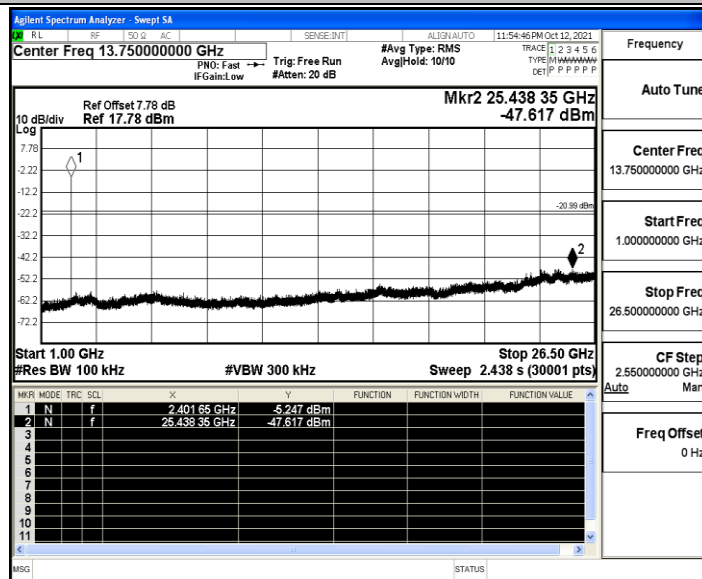


3DH5_Ant1_2402_30~1000

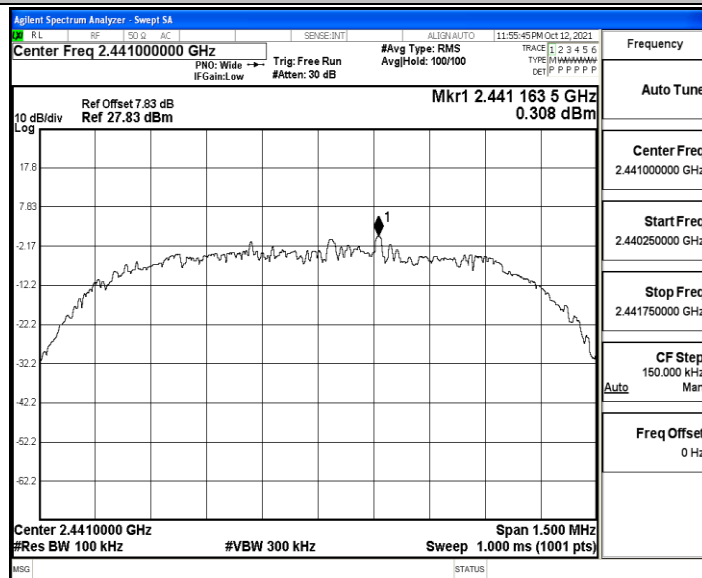




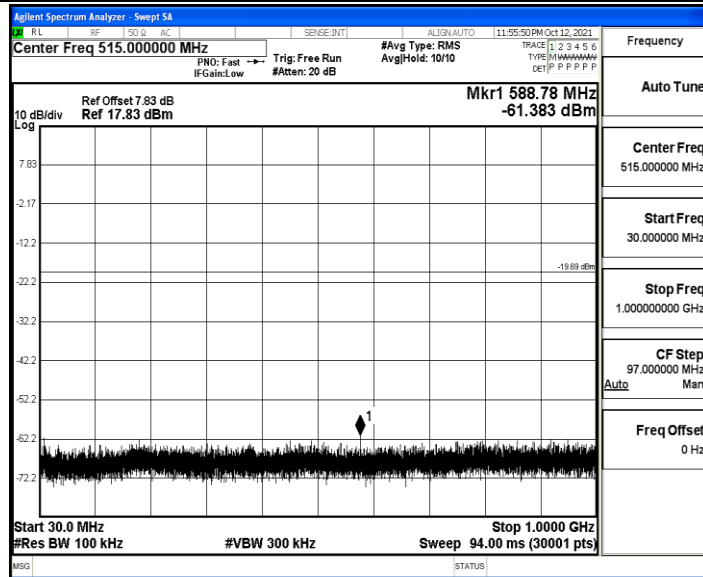
3DH5_Ant1_2402_1000~26500



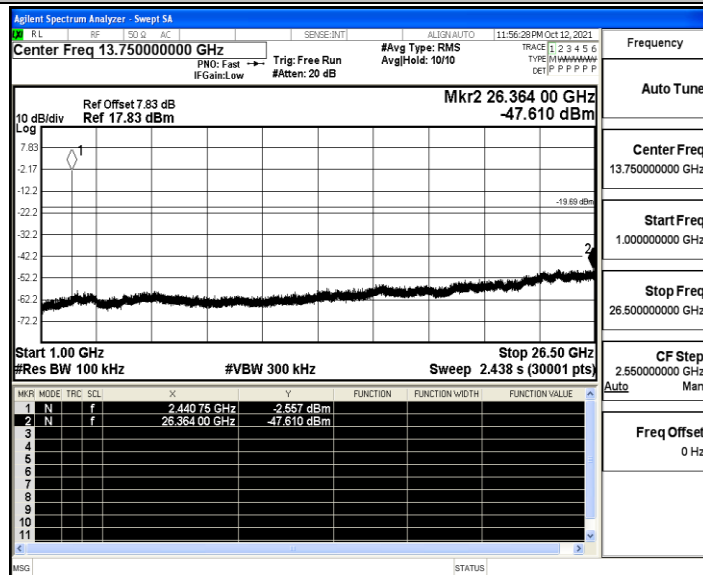
3DH5_Ant1_2441_0~Reference



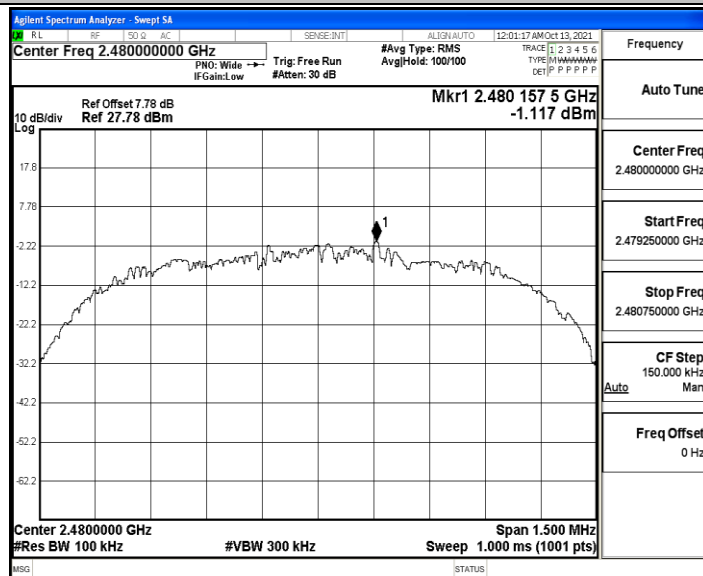
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

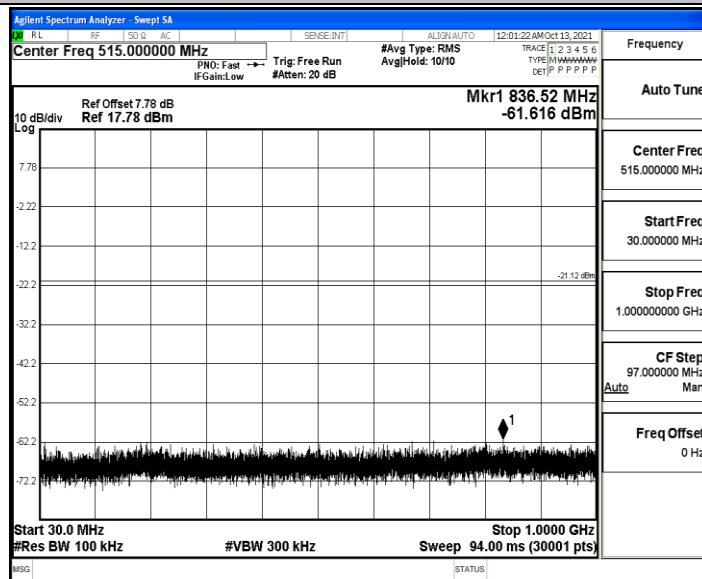


3DH5_Ant1_2480_0~Reference

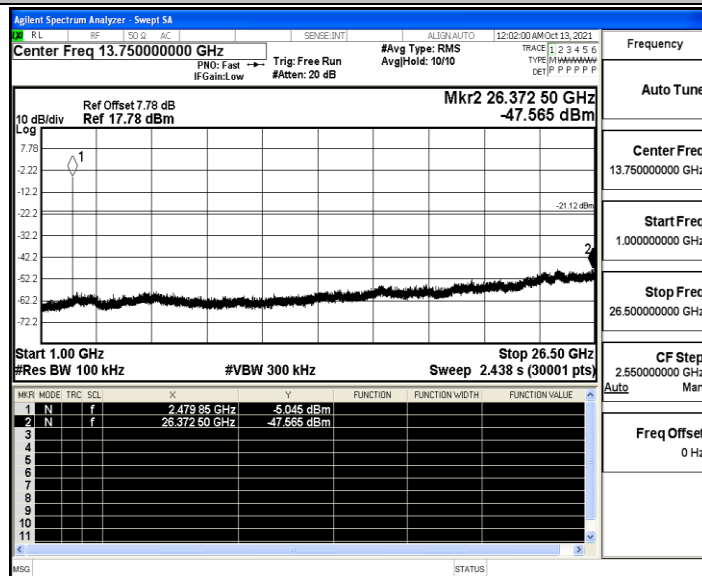




3DH5_Ant1_2480_30~1000



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	-49.03	≤-41.20	46.17	≤54	PASS
				AV	2386.205	-48.59	≤-41.20	46.61	≤54	PASS
				AV	2390.000	-48.74	≤-41.20	46.46	≤54	PASS
				Peak	2310.000	-40.6	≤-21.20	54.60	≤74	PASS
				Peak	2330.030	-38.14	≤-21.20	57.06	≤74	PASS
				Peak	2390.000	-40.24	≤-21.20	54.96	≤74	PASS
		High	2480	AV	2483.500	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2499.120	-47.96	≤-41.20	47.24	≤54	PASS
				AV	2500.000	-47.92	≤-41.20	47.28	≤54	PASS
				Peak	2483.500	-40.19	≤-21.20	55.01	≤74	PASS
				Peak	2495.680	-38.41	≤-21.20	56.79	≤74	PASS
				Peak	2500.000	-39.82	≤-21.20	55.38	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.99	≤-41.20	46.21	≤54	PASS
				AV	2388.200	-48.47	≤-41.20	46.73	≤54	PASS
				AV	2390.000	-48.62	≤-41.20	46.58	≤54	PASS
				Peak	2310.000	-40.44	≤-21.20	54.76	≤74	PASS
				Peak	2348.720	-38.6	≤-21.20	56.60	≤74	PASS
				Peak	2390.000	-39.33	≤-21.20	55.87	≤74	PASS
		High	2480	AV	2483.500	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2483.520	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2500.000	-48.05	≤-41.20	47.15	≤54	PASS
				Peak	2483.500	-39.5	≤-21.20	55.70	≤74	PASS
				Peak	2498.640	-37.58	≤-21.20	57.62	≤74	PASS
				Peak	2500.000	-39.62	≤-21.20	55.58	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.98	≤-41.20	46.22	≤54	PASS
				AV	2378.750	-48.46	≤-41.20	46.74	≤54	PASS
				AV	2390.000	-48.54	≤-41.20	46.66	≤54	PASS
				Peak	2310.000	-38.73	≤-21.20	56.47	≤74	PASS
				Peak	2374.550	-37.82	≤-21.20	57.38	≤74	PASS
				Peak	2390.000	-39.15	≤-21.20	56.05	≤74	PASS
		High	2480	AV	2483.500	-47.86	≤-41.20	47.34	≤54	PASS
				AV	2483.520	-47.86	≤-41.20	47.34	≤54	PASS
				AV	2500.000	-48.03	≤-41.20	47.17	≤54	PASS
				Peak	2483.500	-39.3	≤-21.20	55.90	≤74	PASS
				Peak	2485.200	-37.83	≤-21.20	57.37	≤74	PASS
				Peak	2500.000	-39.55	≤-21.20	55.65	≤74	PASS



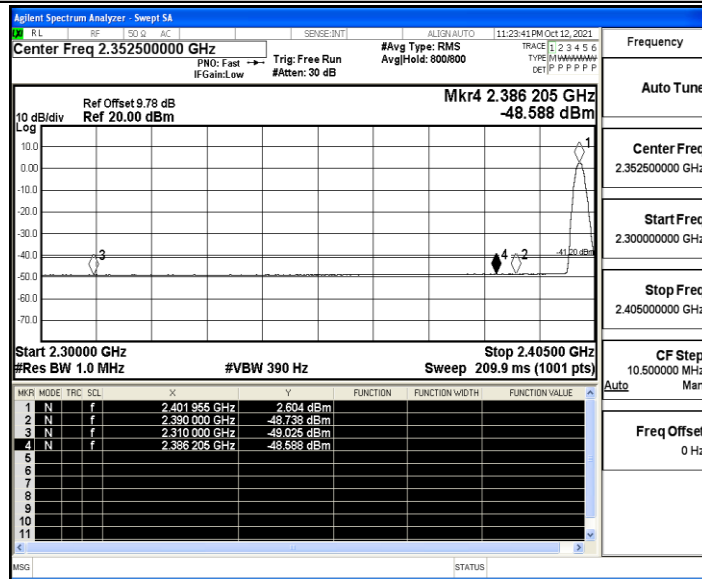
Note:

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.

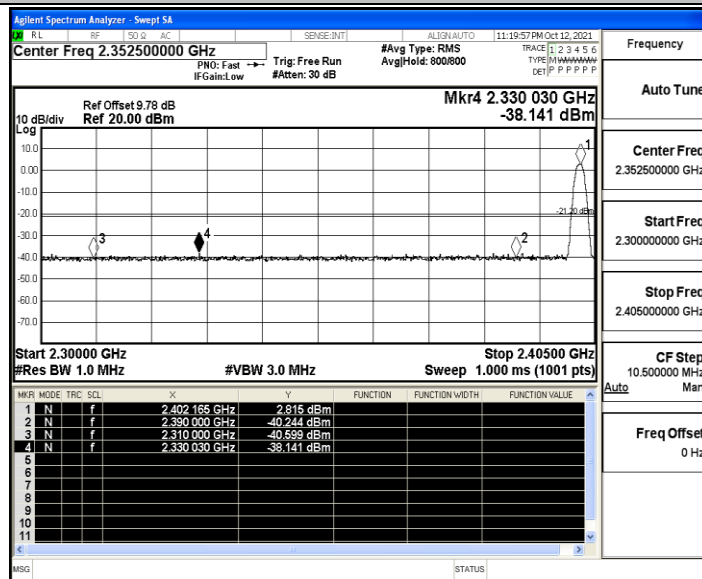


Test Graphs

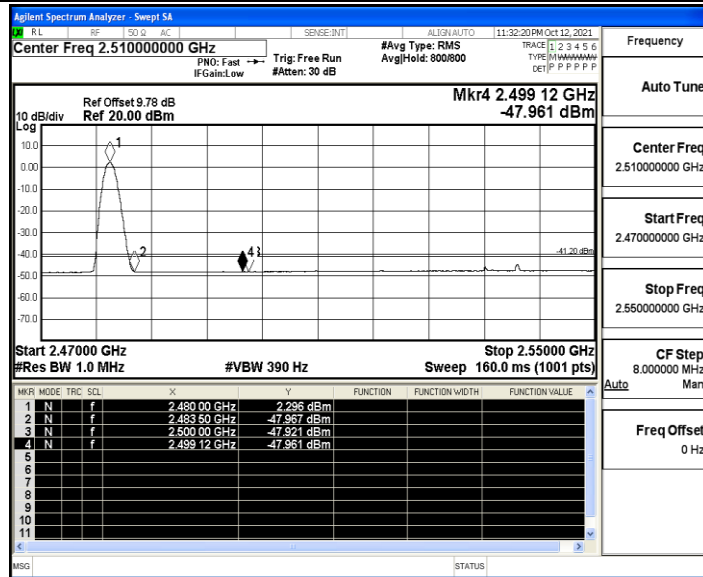
DH5_Ant1_Low_2402_AV



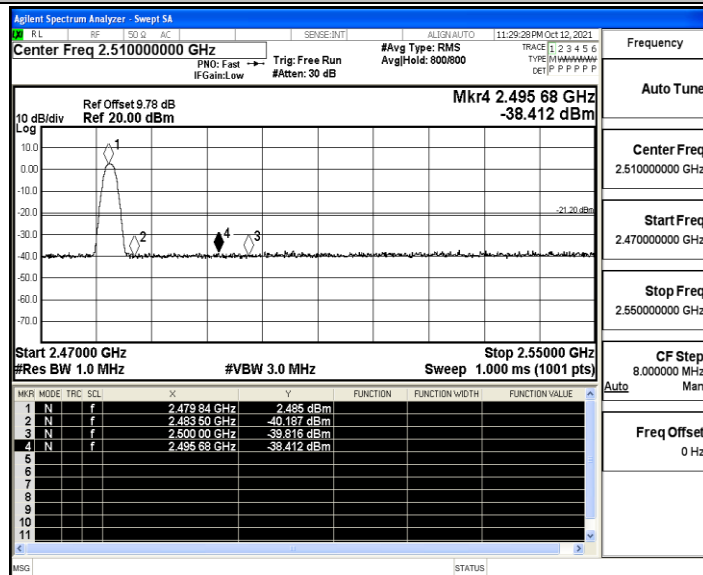
DH5_Ant1_Low_2402_Peak



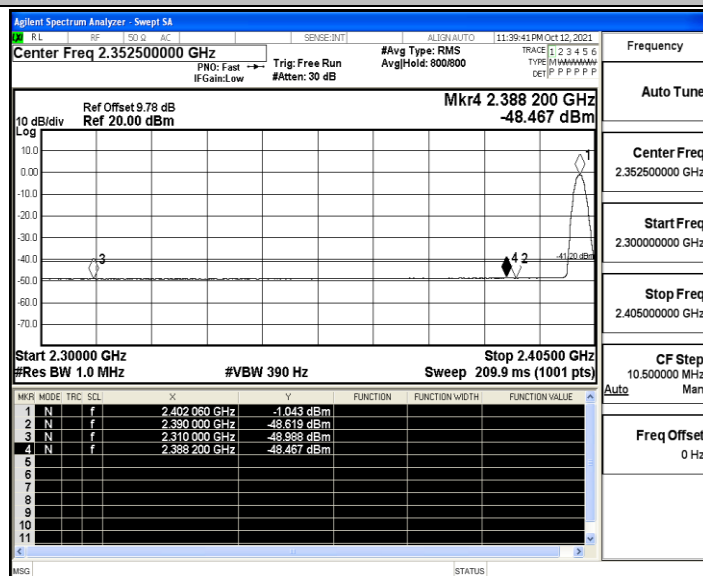
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

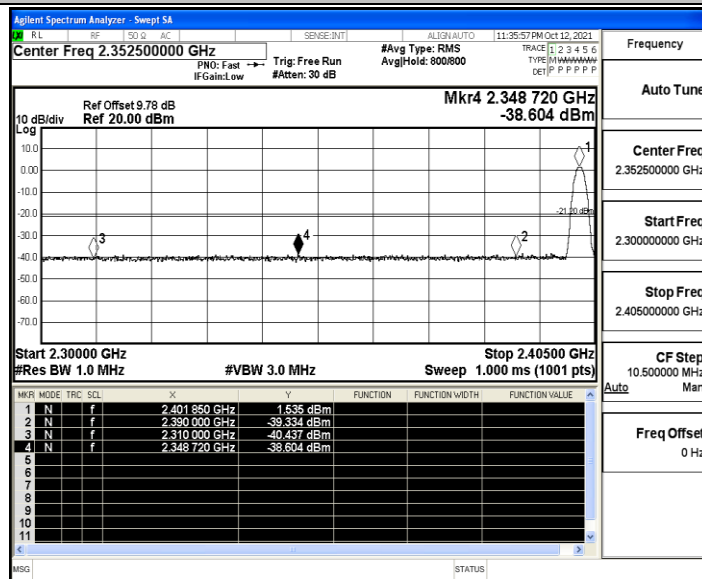


2DH5_Ant1_Low_2402_AV

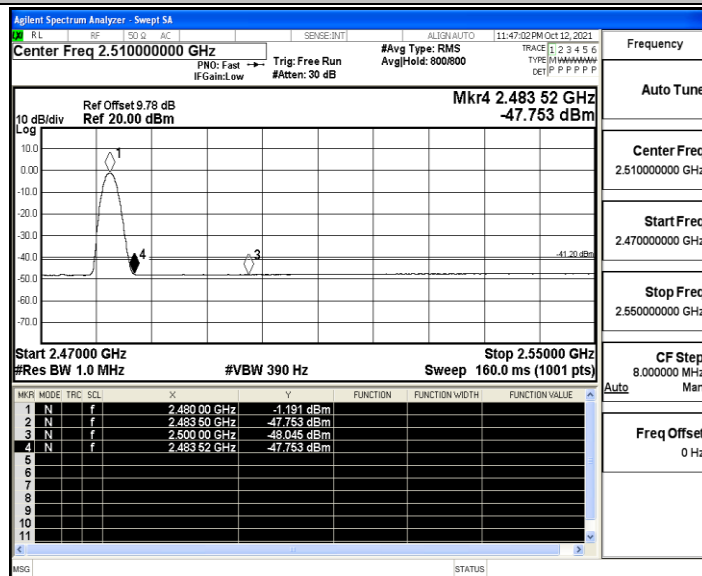




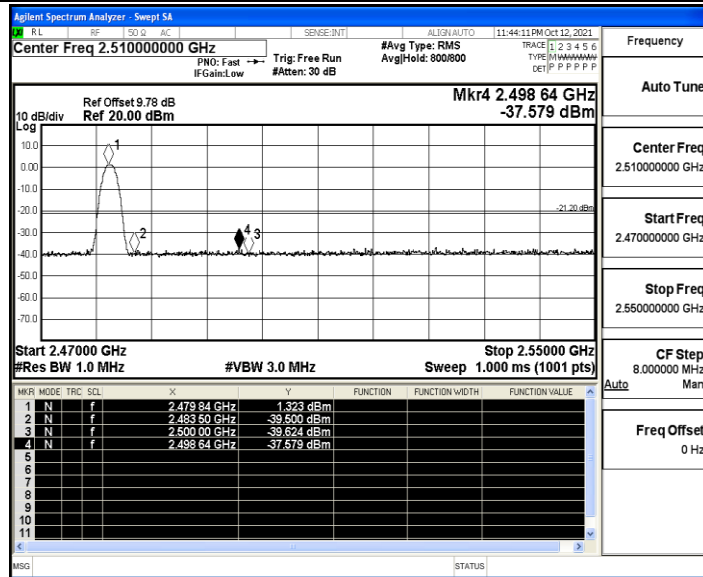
2DH5_Ant1_Low_2402_Peak



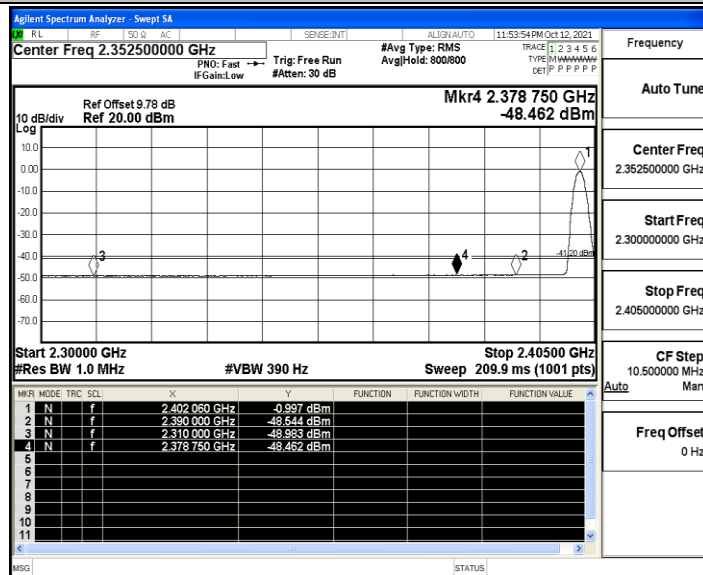
2DH5_Ant1_High_2480_AV



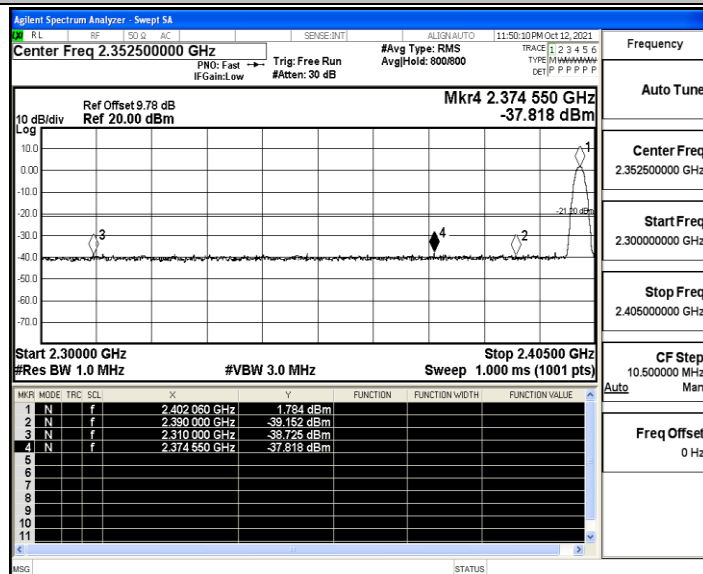
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

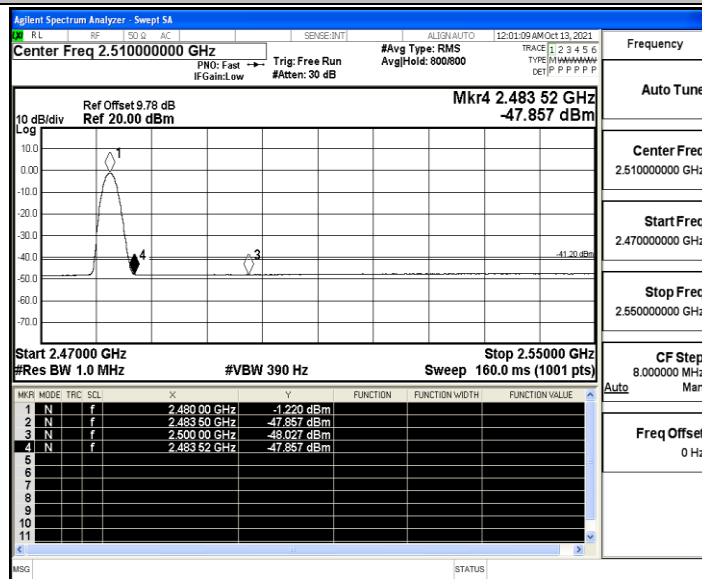


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

