



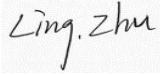
Appendix A

RF Test Data for BT V5.0 (DSS) (Conducted Measurement)

Product Name: Tablet

Test Model: 8WB1

Environmental Conditions

Temperature:	22.5°C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	 Ling Zhu
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

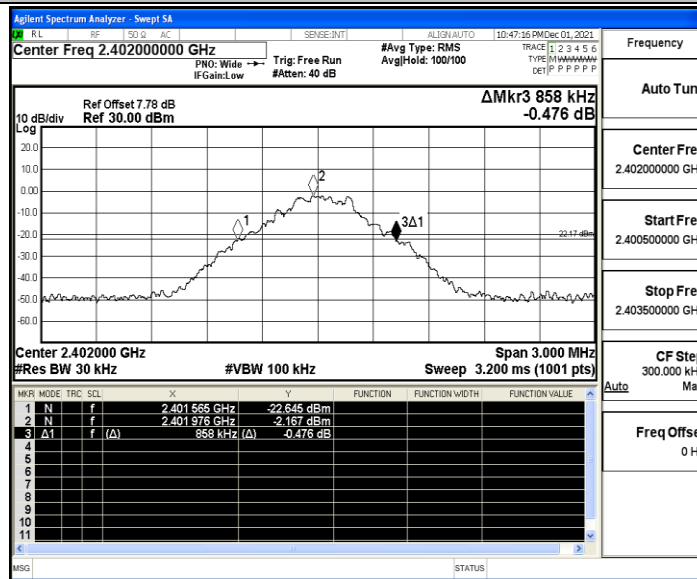
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.858	2401.565	2402.423	---	PASS
		2441	0.885	2440.598	2441.483	---	PASS
		2480	0.918	2479.553	2480.471	---	PASS
2DH5	Ant1	2402	1.281	2401.367	2402.648	---	PASS
		2441	1.278	2440.373	2441.651	---	PASS
		2480	1.350	2479.331	2480.681	---	PASS
3DH5	Ant1	2402	1.287	2401.355	2402.642	---	PASS
		2441	1.296	2440.349	2441.645	---	PASS
		2480	1.305	2479.349	2480.654	---	PASS

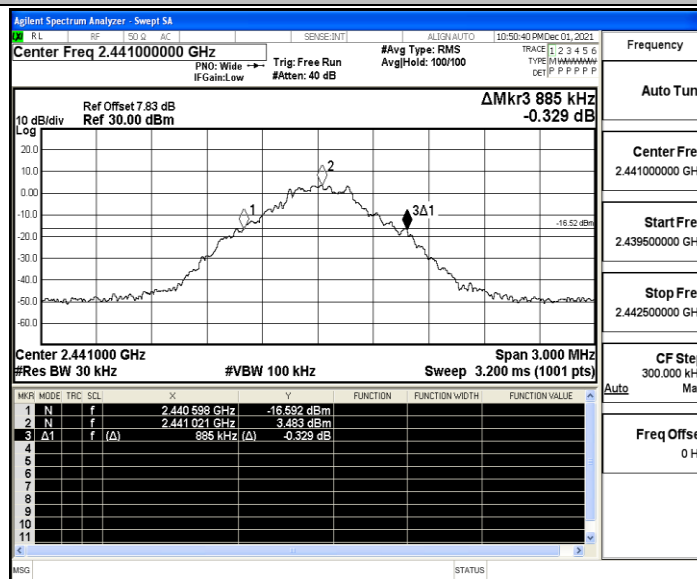


Test Graphs

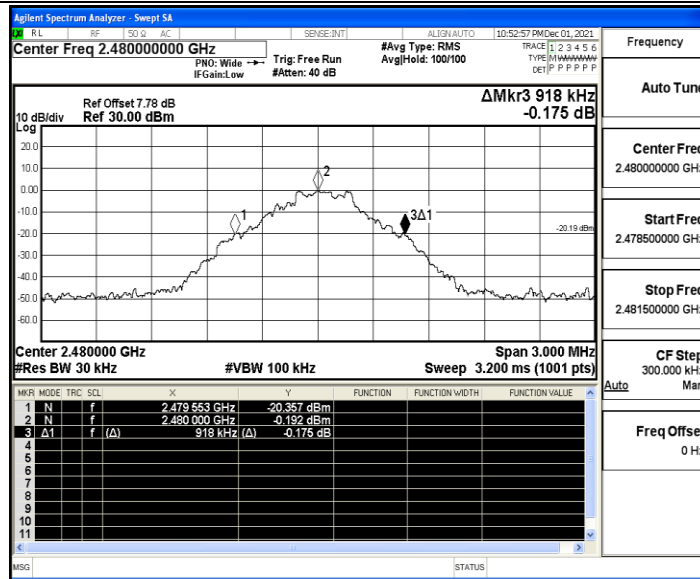
DH5_Ant1_2402



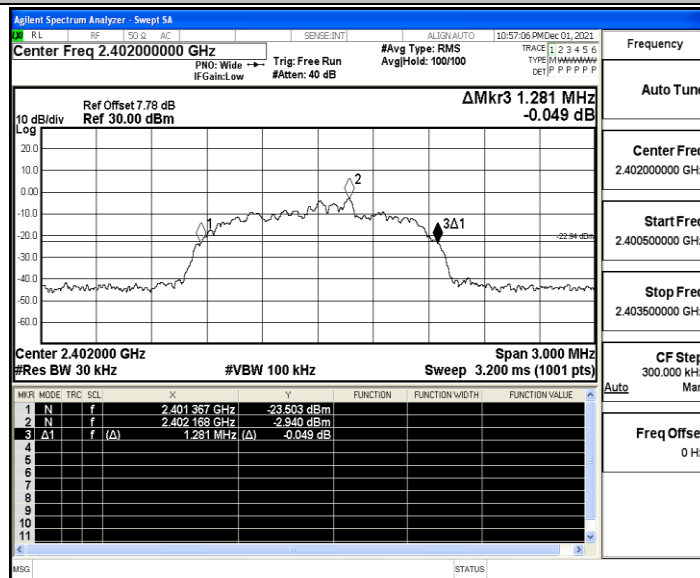
DH5_Ant1_2441



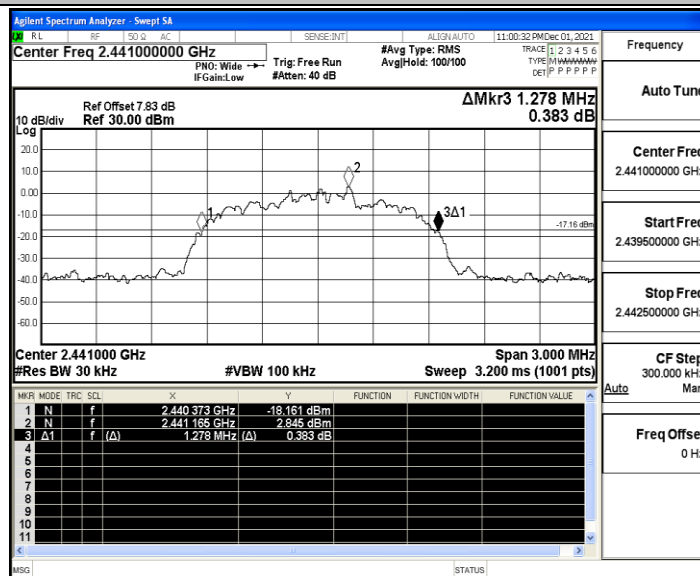
DH5_Ant1_2480



2DH5_Ant1_2402

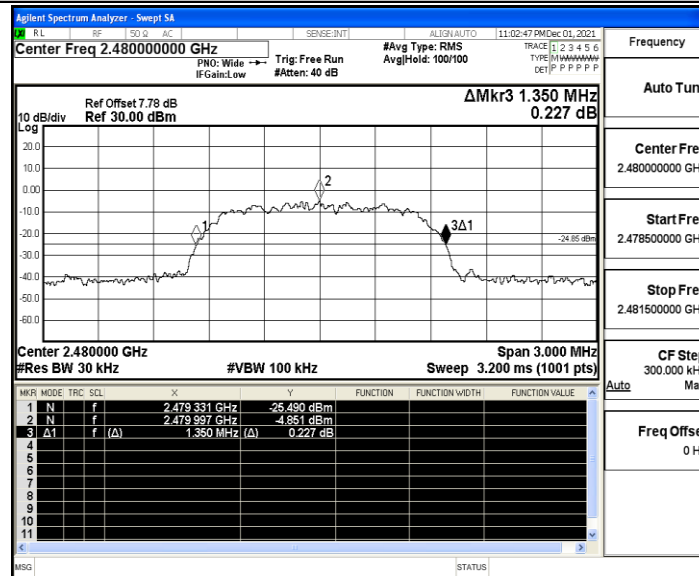


2DH5_Ant1_2441

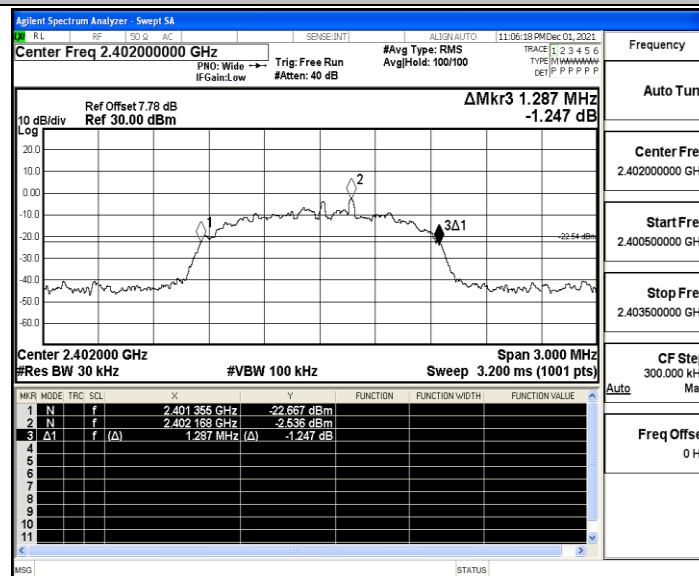




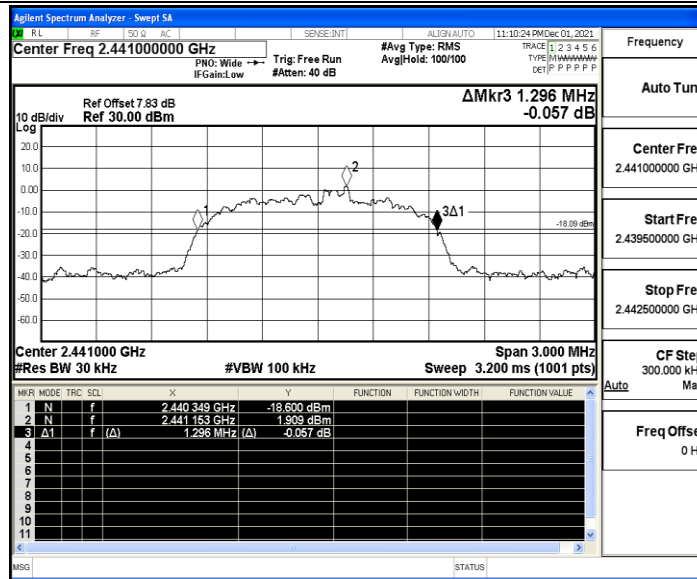
2DH5_Ant1_2480



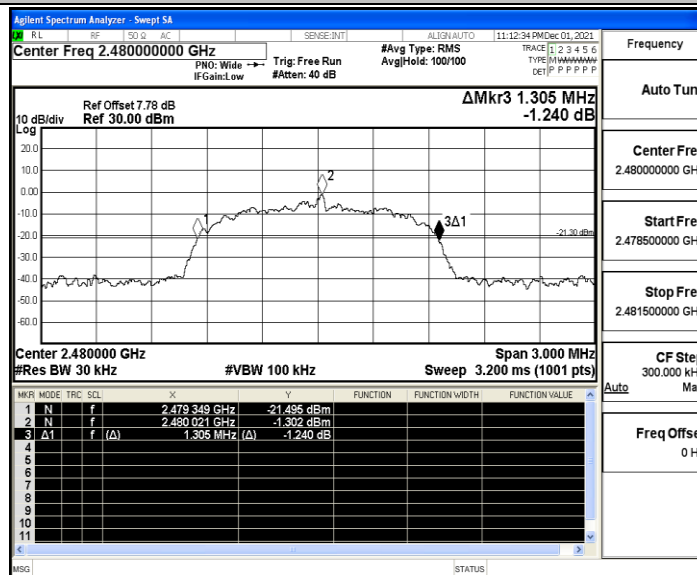
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

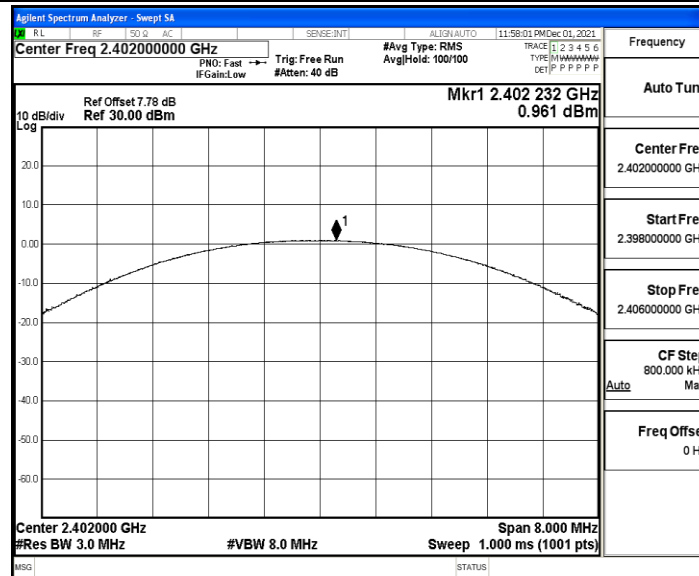
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.96	≤ 20.97	PASS
		2441	6.45	≤ 20.97	PASS
		2480	3.33	≤ 20.97	PASS
2DH5	Ant1	2402	0.94	≤ 20.97	PASS
		2441	6.36	≤ 20.97	PASS
		2480	3.34	≤ 20.97	PASS
3DH5	Ant1	2402	0.85	≤ 20.97	PASS
		2441	6.45	≤ 20.97	PASS
		2480	3.25	≤ 20.97	PASS

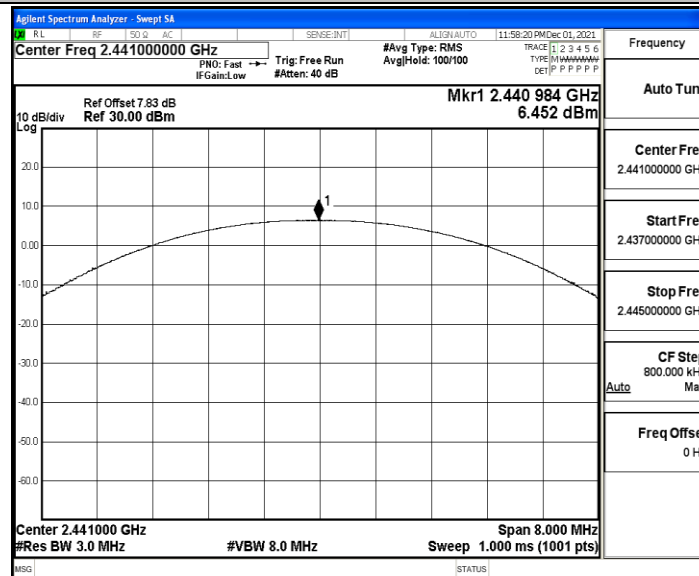


Test Graphs

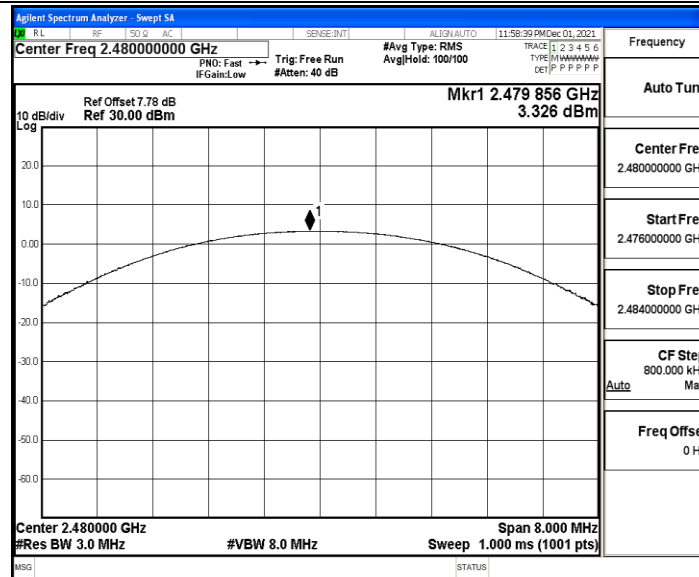
DH5_Ant1_2402



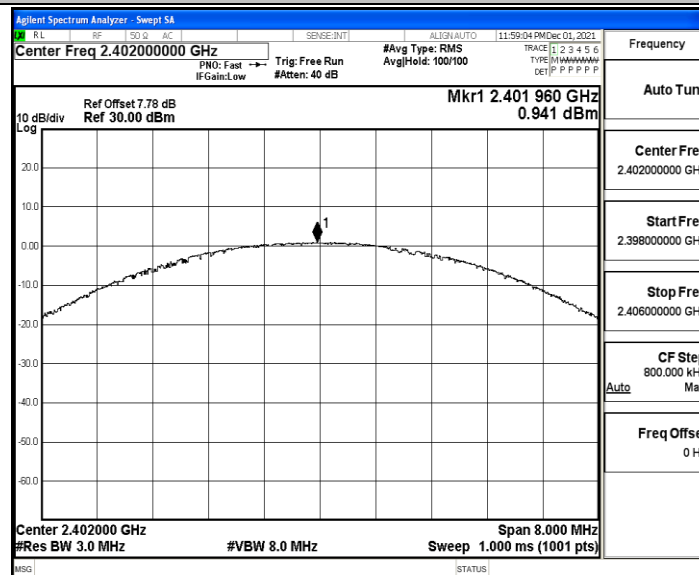
DH5_Ant1_2441



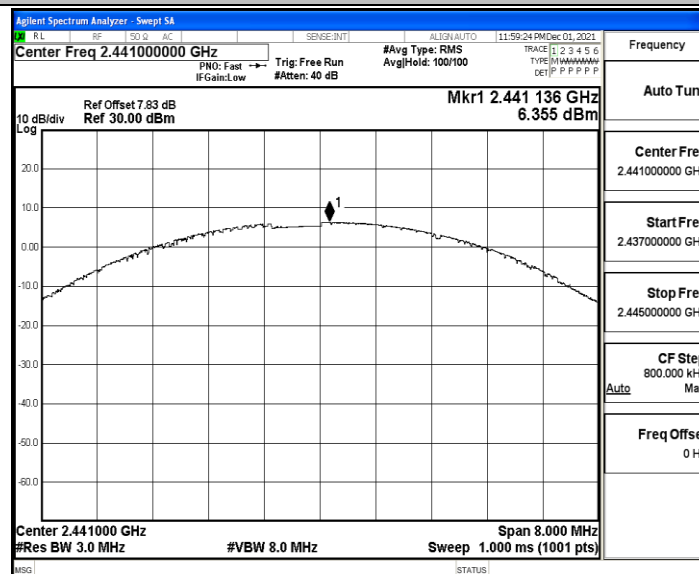
DH5_Ant1_2480



2DH5_Ant1_2402

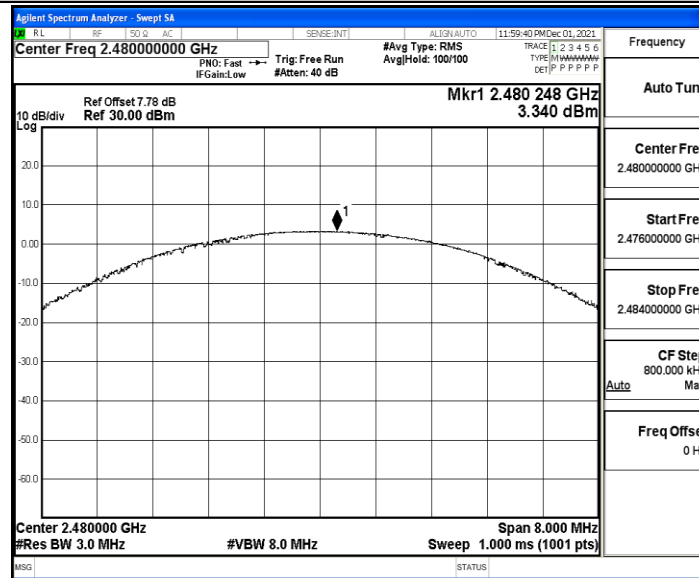


2DH5_Ant1_2441

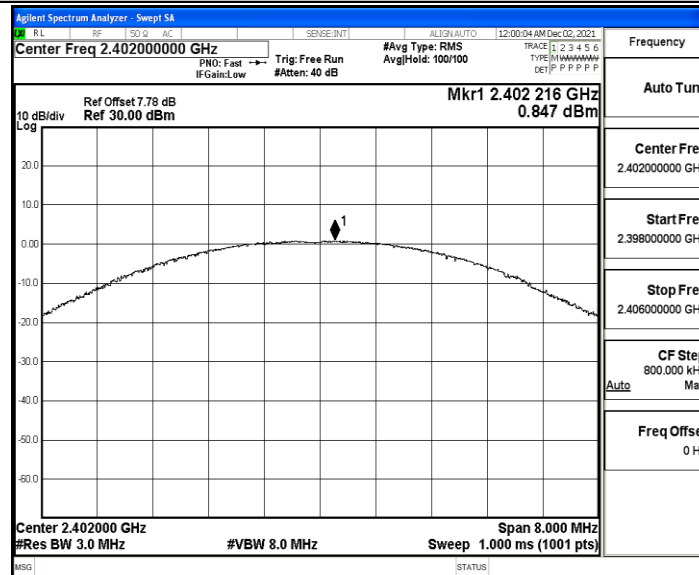




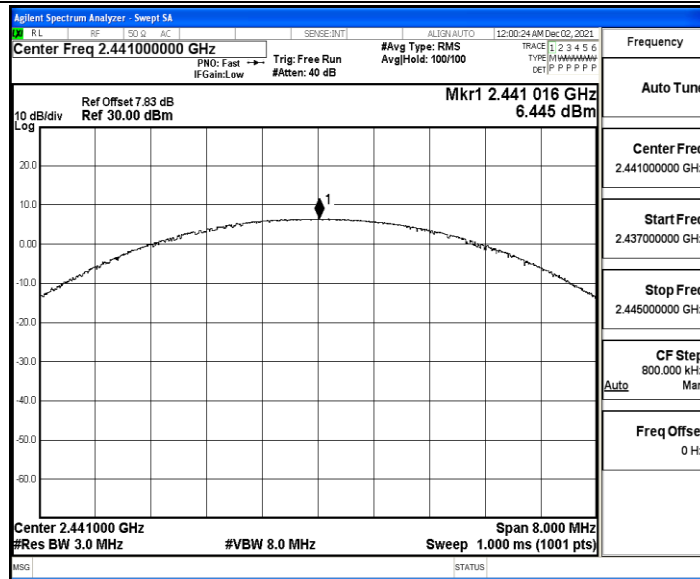
2DH5_Ant1_2480



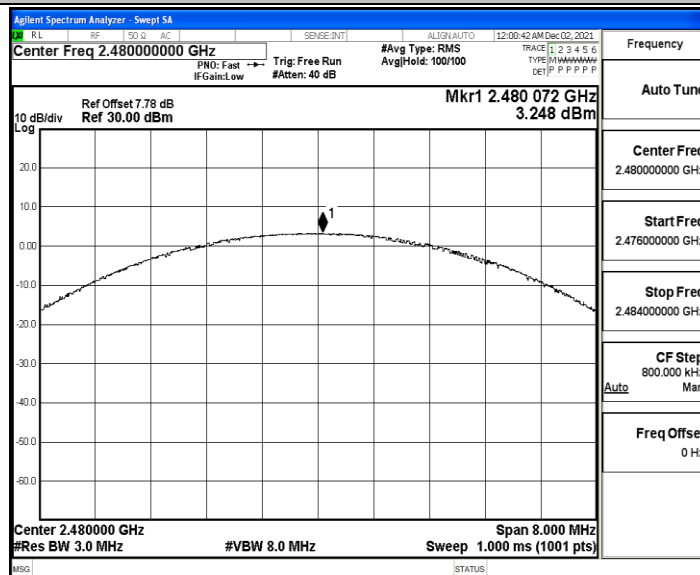
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

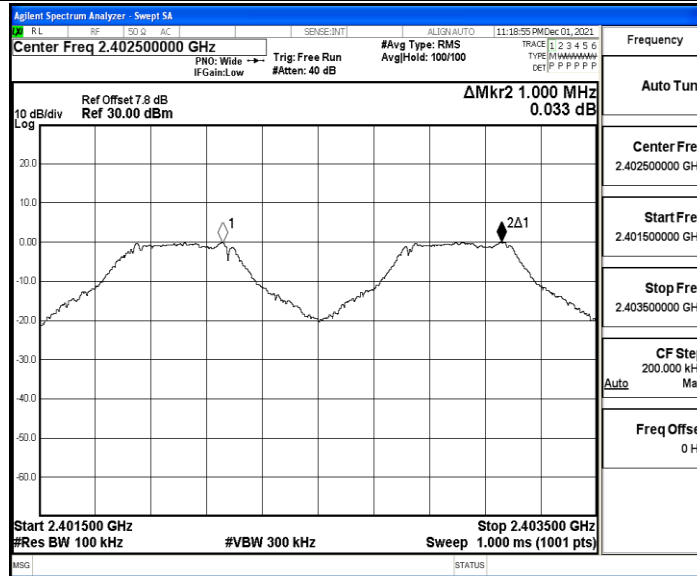
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.000	≥ 0.612	PASS
2DH5	Ant1	Hop	1.004	≥ 0.900	PASS
3DH5	Ant1	Hop	0.992	≥ 0.870	PASS

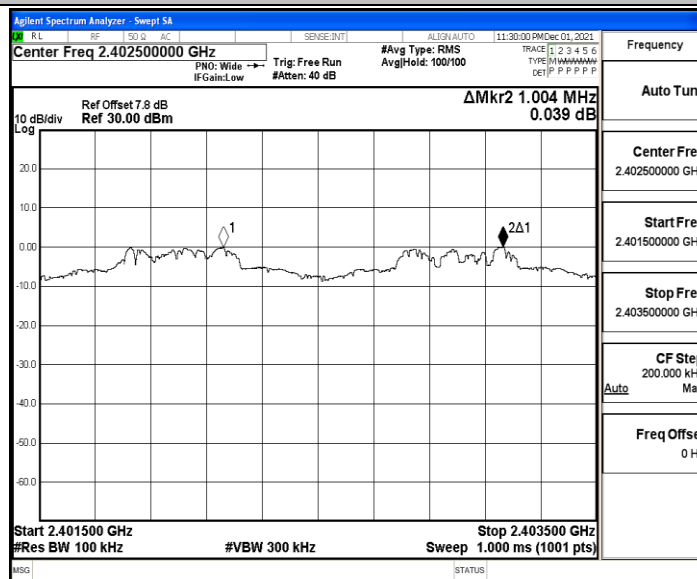


Test Graphs

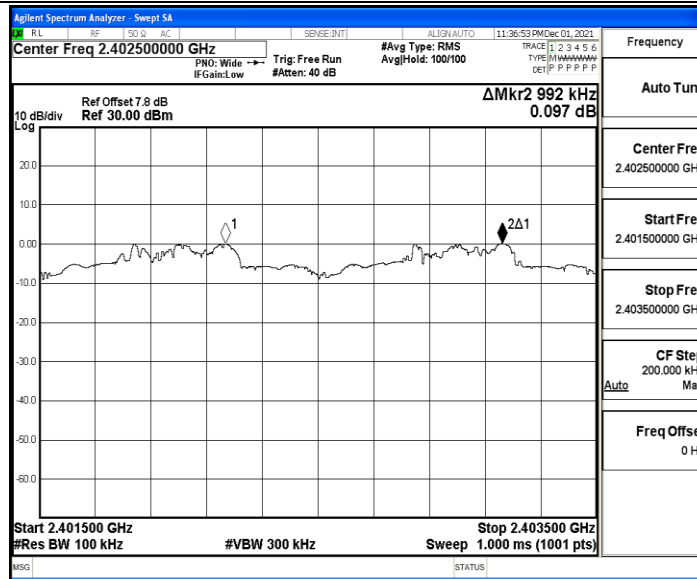
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

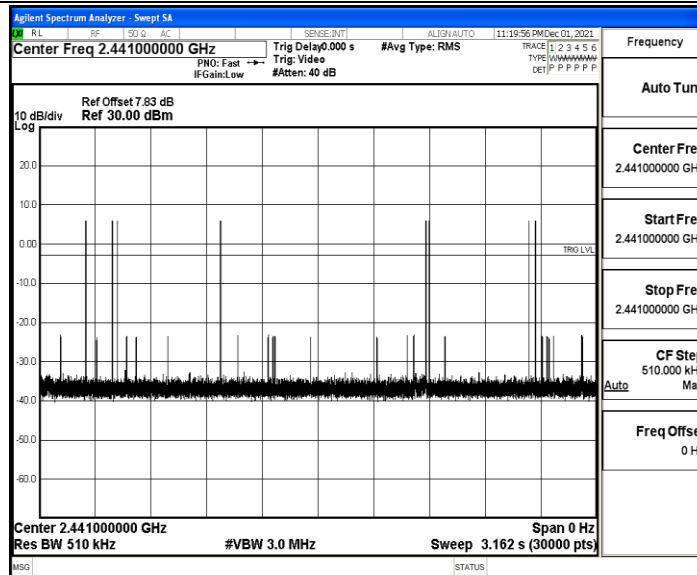
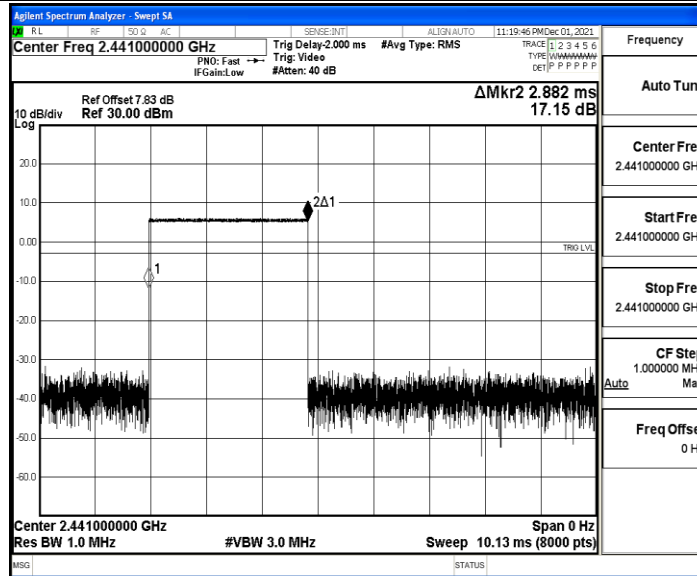
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	103	0.297	≤0.4	PASS
2DH5	Ant1	Hop	2.88	107	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.89	105	0.303	≤0.4	PASS

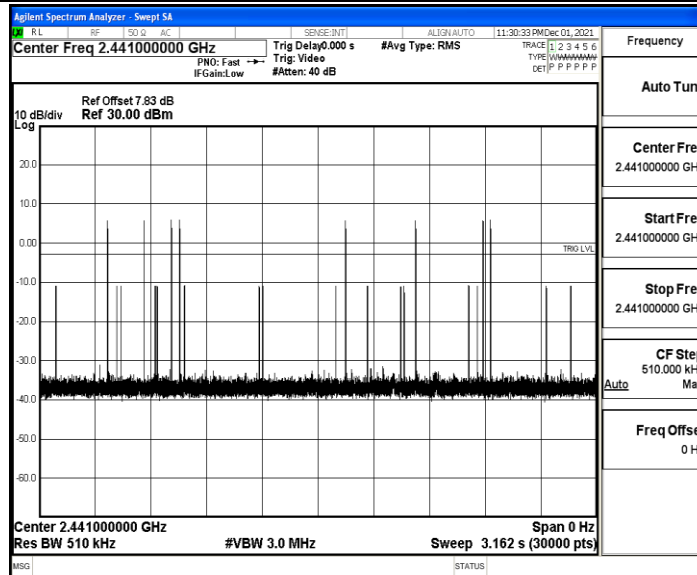
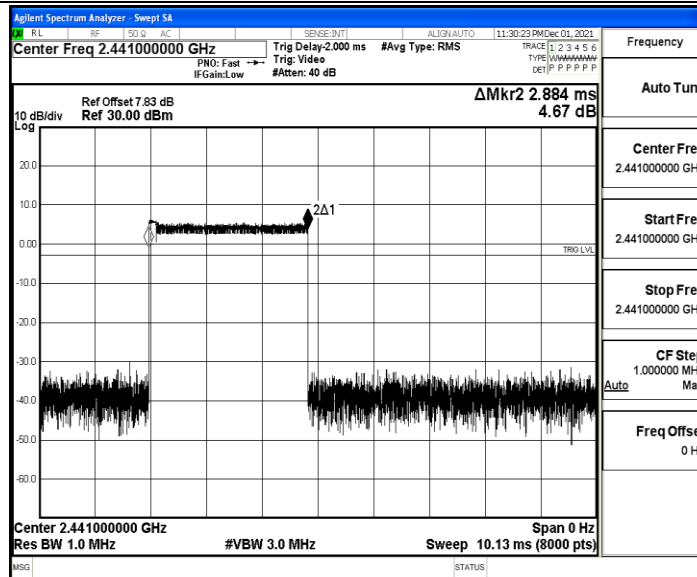


Test Graphs

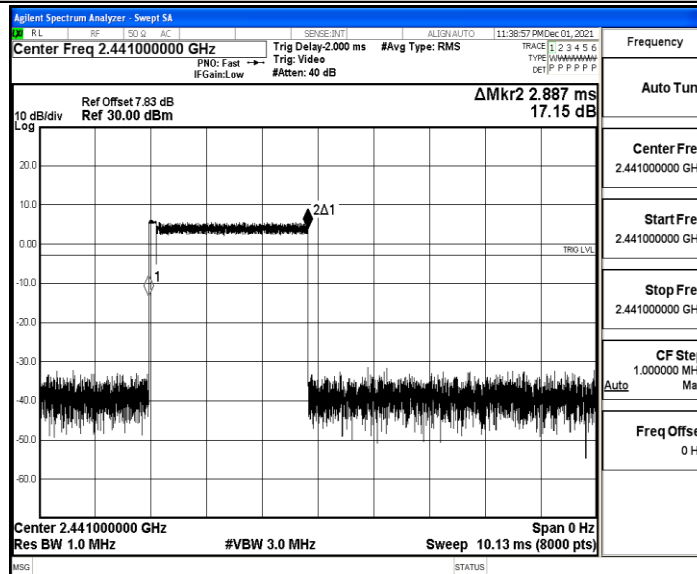
DH5_Ant1_Hop

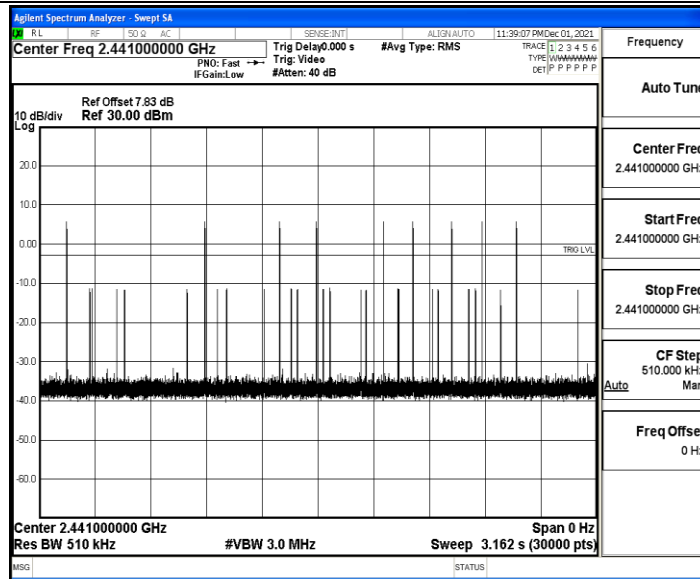


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.5 Number of hopping channels

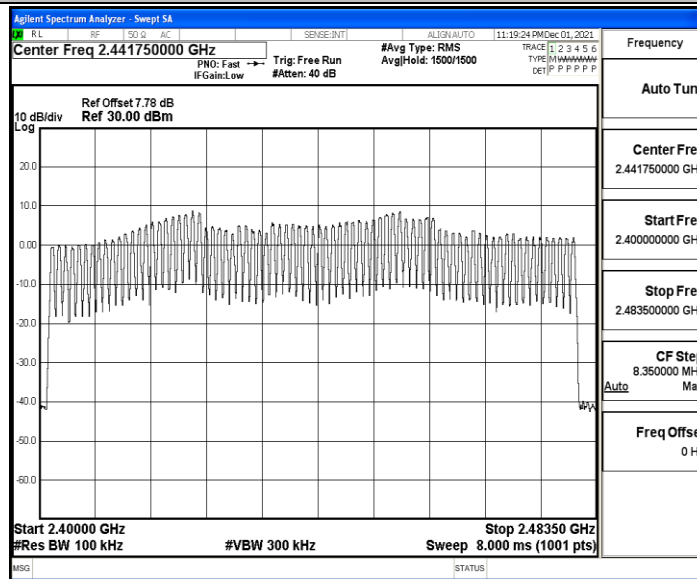
Test Result

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

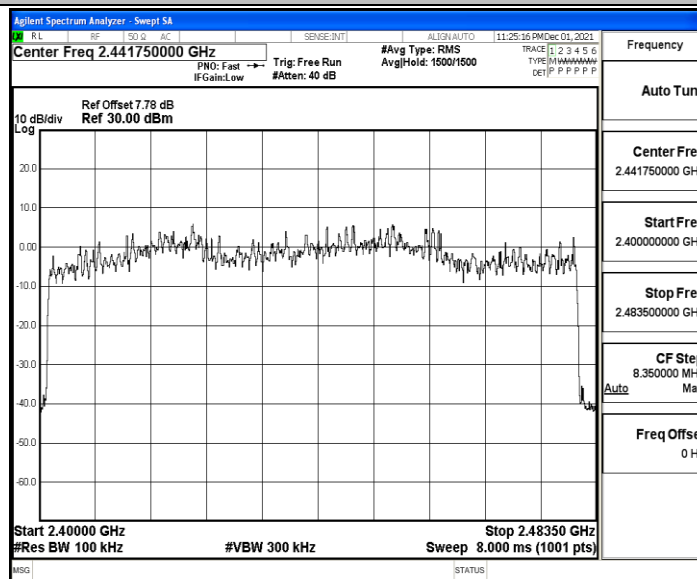


Test Graphs

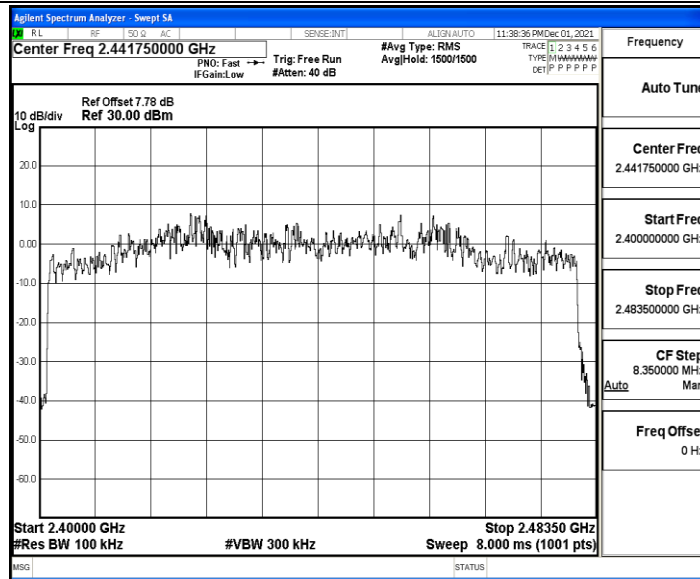
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

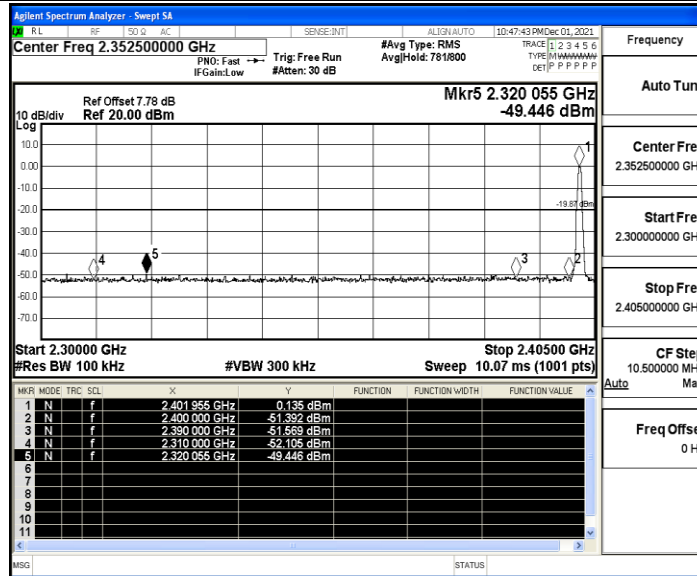
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.14	-49.45	≤ -19.87	PASS
		High	2480	2.44	-48.3	≤ -17.56	PASS
		Low	Hop_2402	-0.46	-49.6	≤ -20.46	PASS
		High	Hop_2480	2.85	-48.59	≤ -17.15	PASS
2DH5	Ant1	Low	2402	0.25	-48.76	≤ -19.75	PASS
		High	2480	2.68	-49.17	≤ -17.32	PASS
		Low	Hop_2402	-3.85	-49.5	≤ -23.85	PASS
		High	Hop_2480	1.78	-49.28	≤ -18.22	PASS
3DH5	Ant1	Low	2402	0.09	-46.33	≤ -19.91	PASS
		High	2480	2.68	-48.48	≤ -17.32	PASS
		Low	Hop_2402	-0.17	-49.7	≤ -20.17	PASS
		High	Hop_2480	-0.78	-49.33	≤ -20.78	PASS

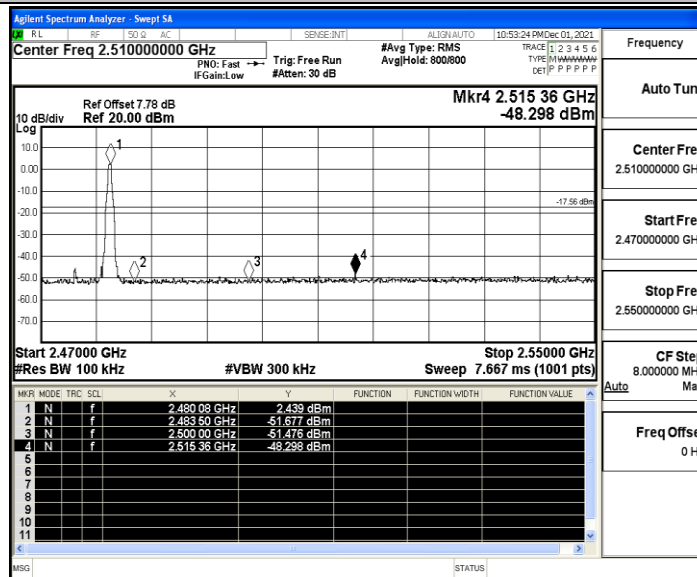


Test Graphs

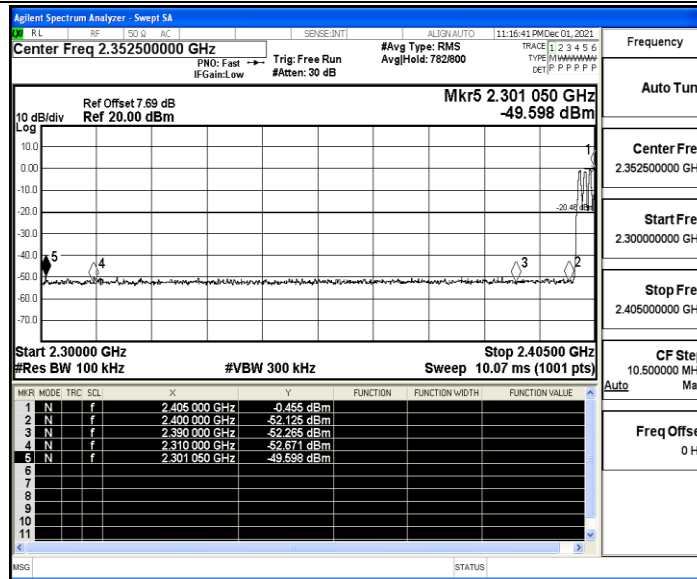
DH5_Ant1_Low_2402



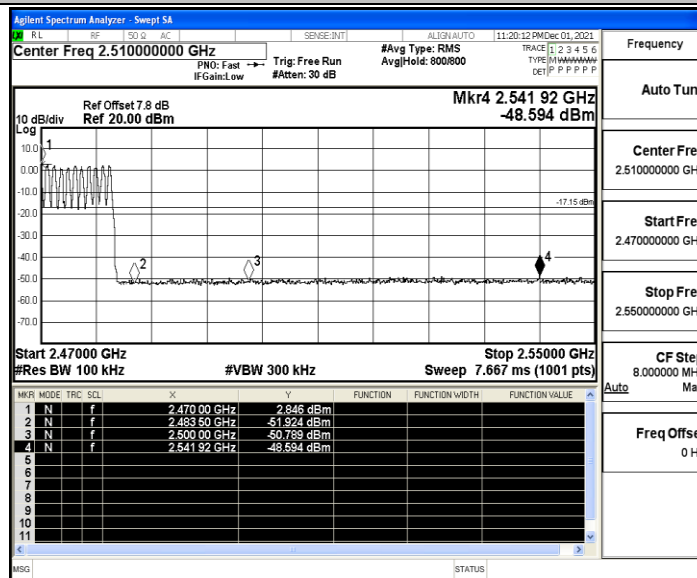
DH5_Ant1_High_2480



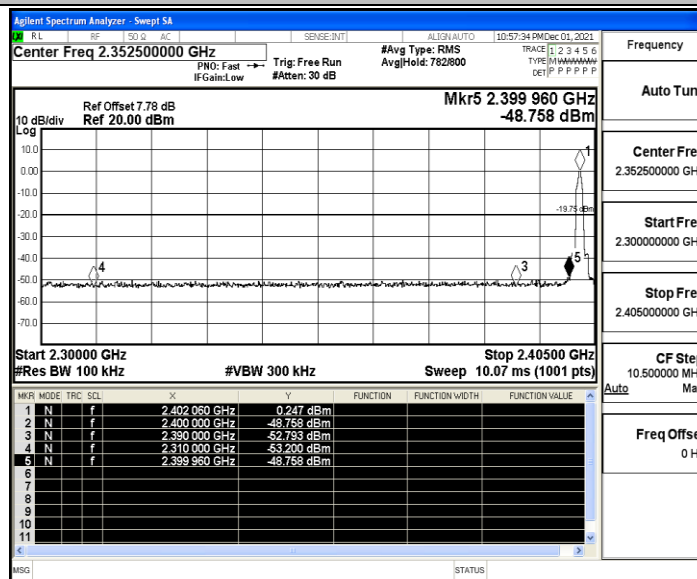
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

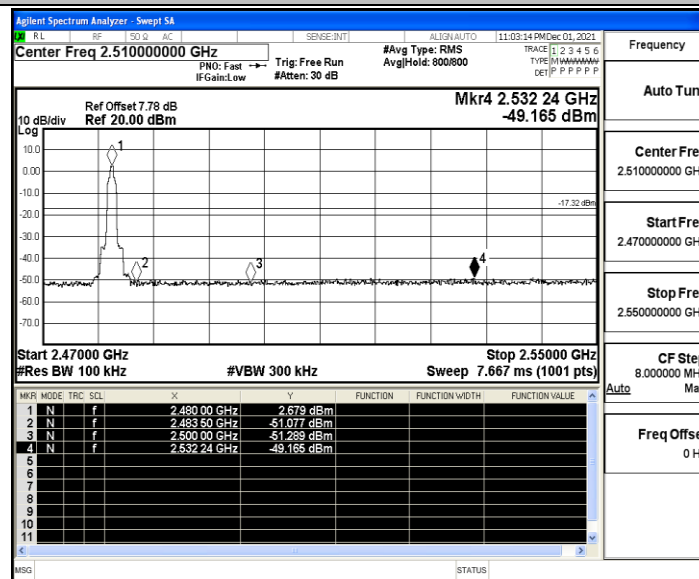


2DH5_Ant1_Low_2402

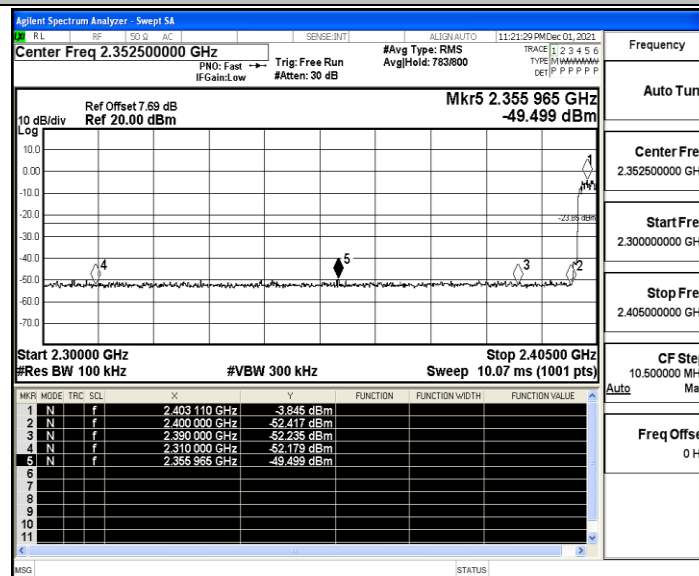




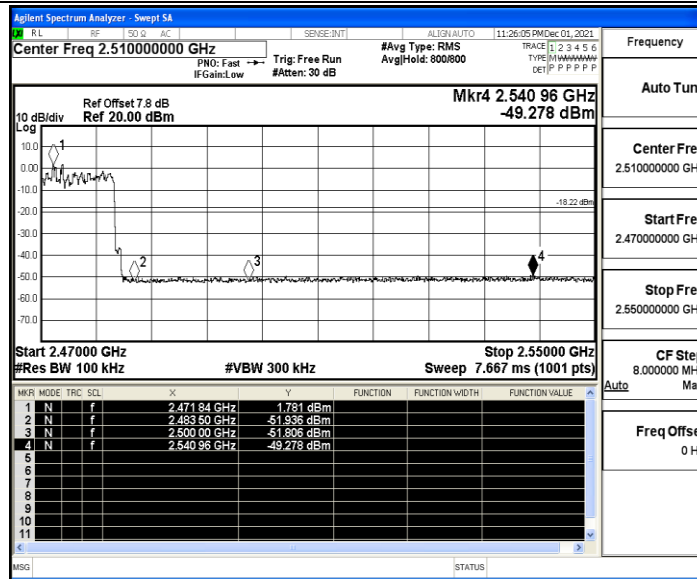
2DH5_Ant1_High_2480



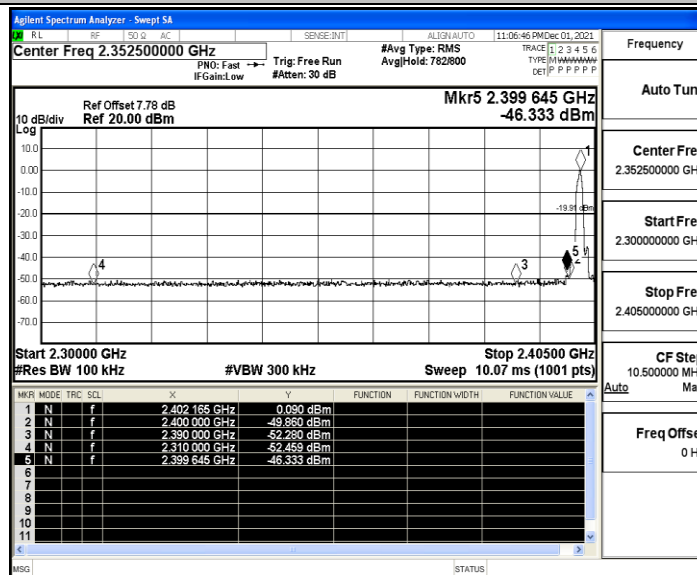
2DH5_Ant1_Low_Hop_2402



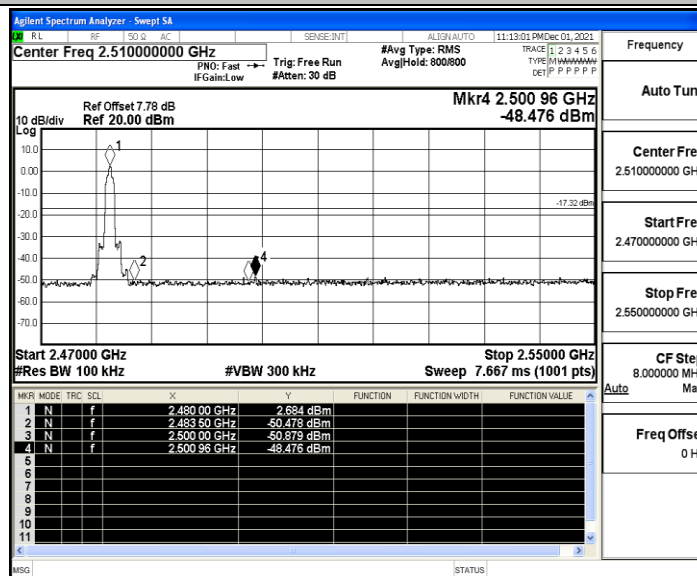
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

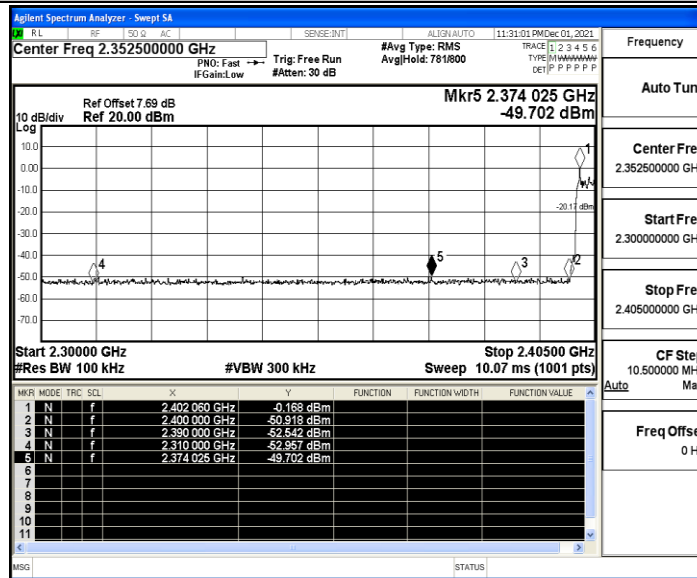


3DH5_Ant1_High_2480

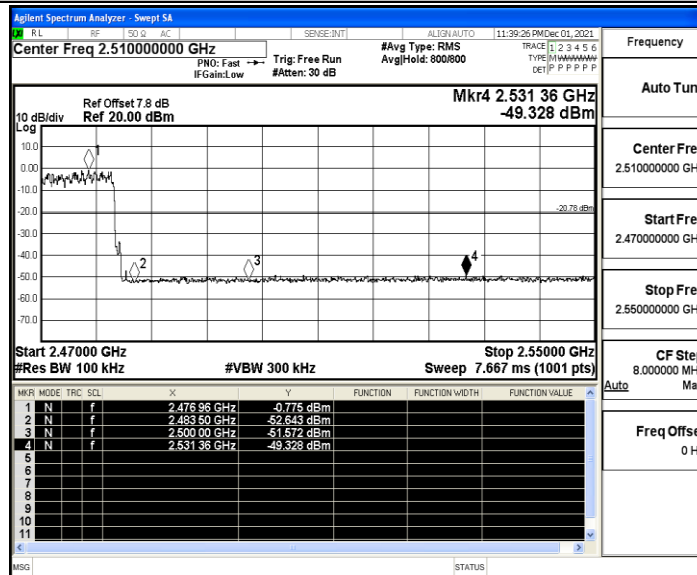




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

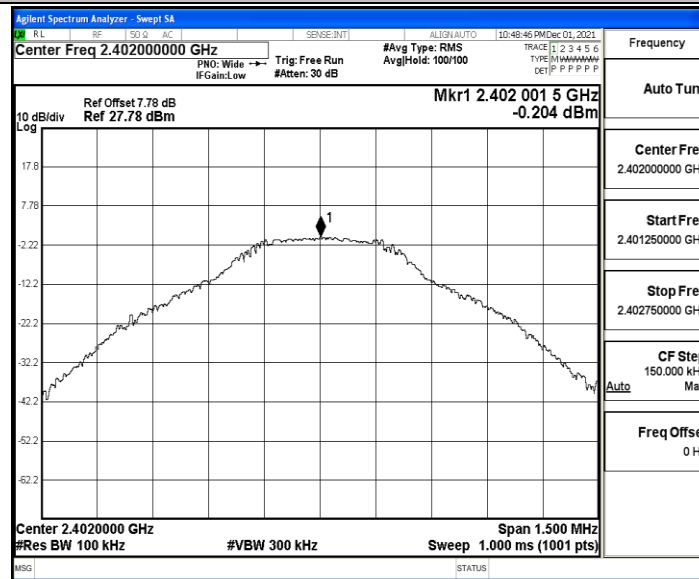
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.20	-0.20	---	PASS
			30~1000	-0.20	-61.84	≤ -20.2	PASS
			1000~26500	-0.20	-47.26	≤ -20.2	PASS
		2441	Reference	5.46	5.46	---	PASS
			30~1000	5.46	-61.37	≤ -14.54	PASS
			1000~26500	5.46	-46.85	≤ -14.54	PASS
		2480	Reference	2.12	2.12	---	PASS
			30~1000	2.12	-61.79	≤ -17.88	PASS
			1000~26500	2.12	-46.93	≤ -17.88	PASS
2DH5	Ant1	2402	Reference	-0.93	-0.93	---	PASS
			30~1000	-0.93	-61.3	≤ -20.93	PASS
			1000~26500	-0.93	-47.2	≤ -20.93	PASS
		2441	Reference	5.47	5.47	---	PASS
			30~1000	5.47	-60.83	≤ -14.53	PASS
			1000~26500	5.47	-47.29	≤ -14.53	PASS
		2480	Reference	2.48	2.48	---	PASS
			30~1000	2.48	-62	≤ -17.52	PASS
			1000~26500	2.48	-46.98	≤ -17.52	PASS
3DH5	Ant1	2402	Reference	-0.17	-0.17	---	PASS
			30~1000	-0.17	-61.88	≤ -20.17	PASS
			1000~26500	-0.17	-47.29	≤ -20.17	PASS
		2441	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-61.65	≤ -14.43	PASS
			1000~26500	5.57	-47.28	≤ -14.43	PASS
		2480	Reference	-1.19	-1.19	---	PASS
			30~1000	-1.19	-61.68	≤ -21.19	PASS
			1000~26500	-1.19	-47.4	≤ -21.19	PASS

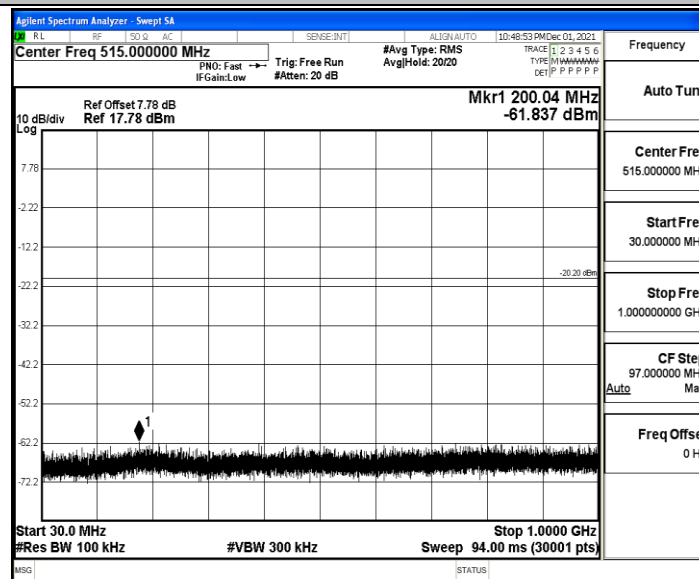


Test Graphs

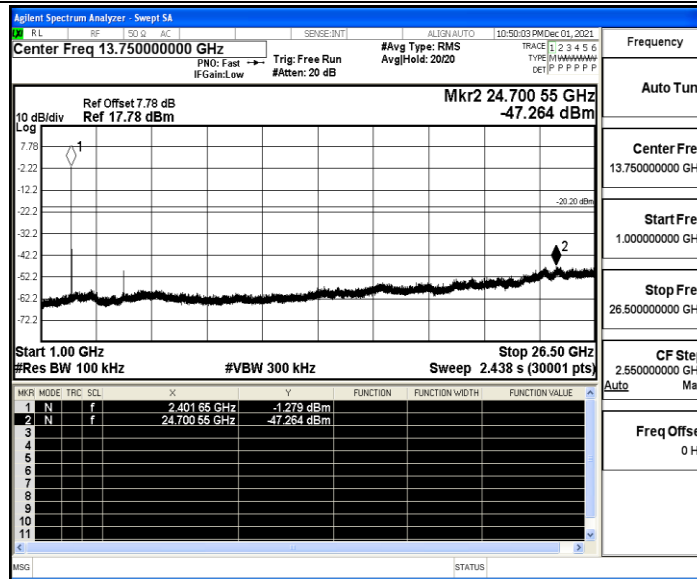
DH5_Ant1_2402_0~Reference



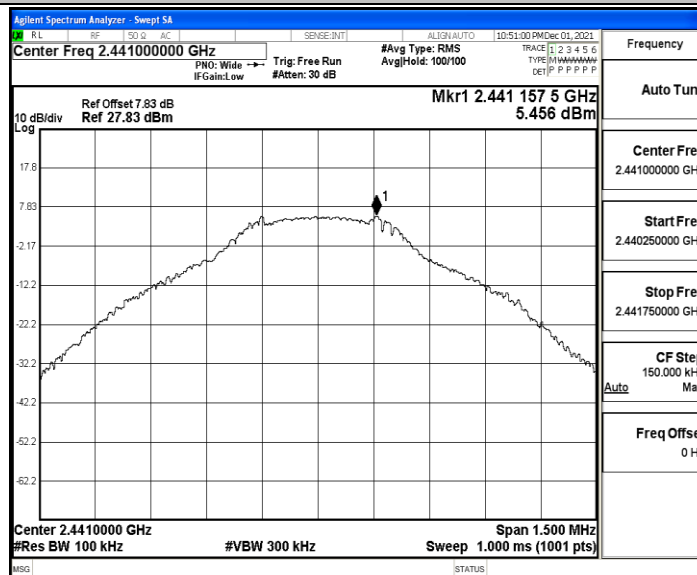
DH5_Ant1_2402_30~1000



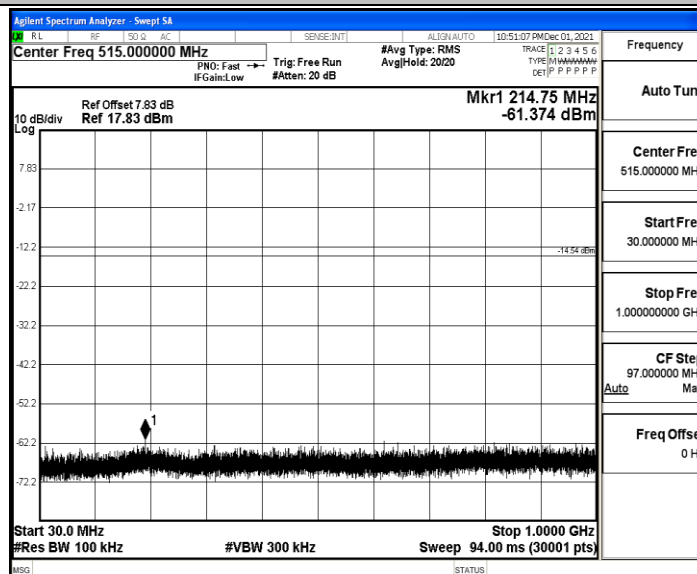
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

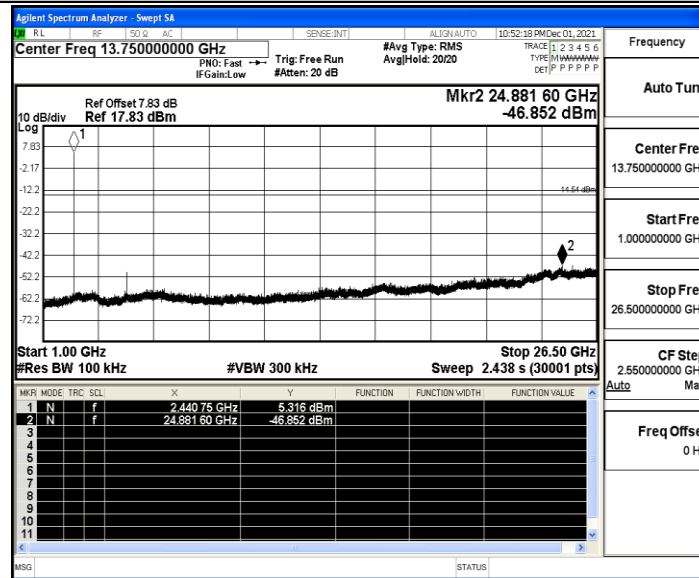


DH5_Ant1_2441_30~1000

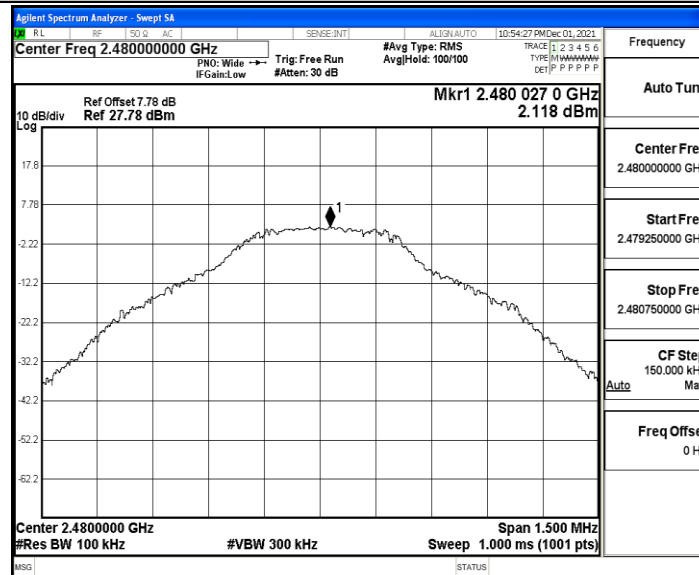




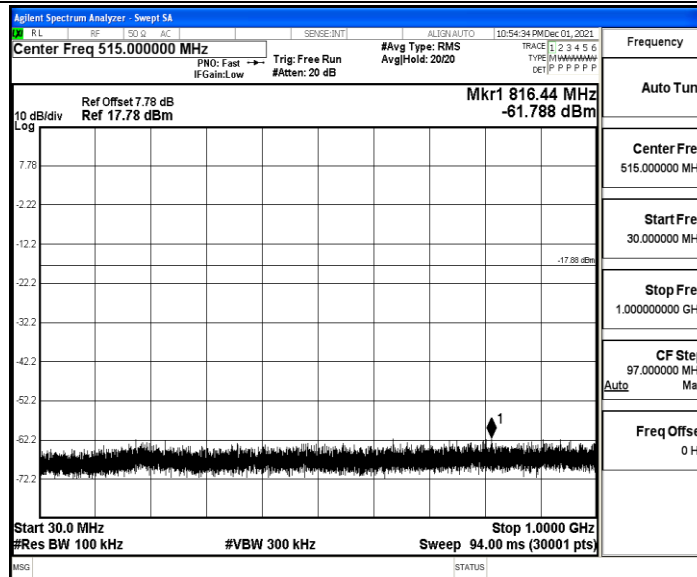
DH5_Ant1_2441_1000~26500



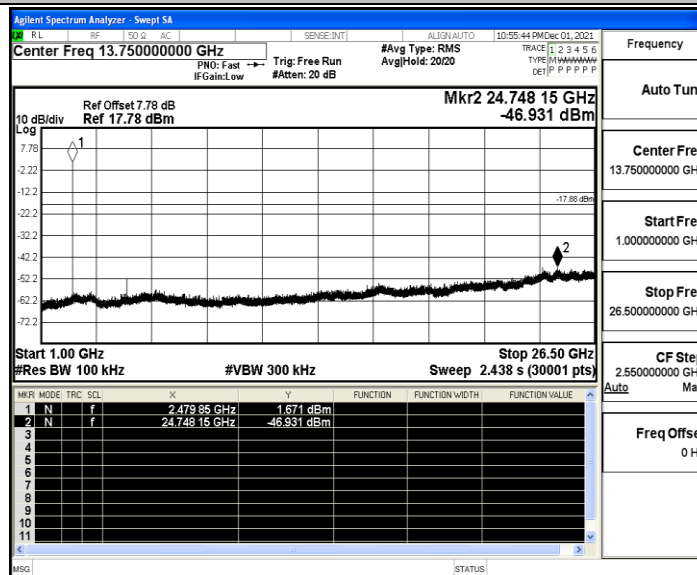
DH5_Ant1_2480_0~Reference



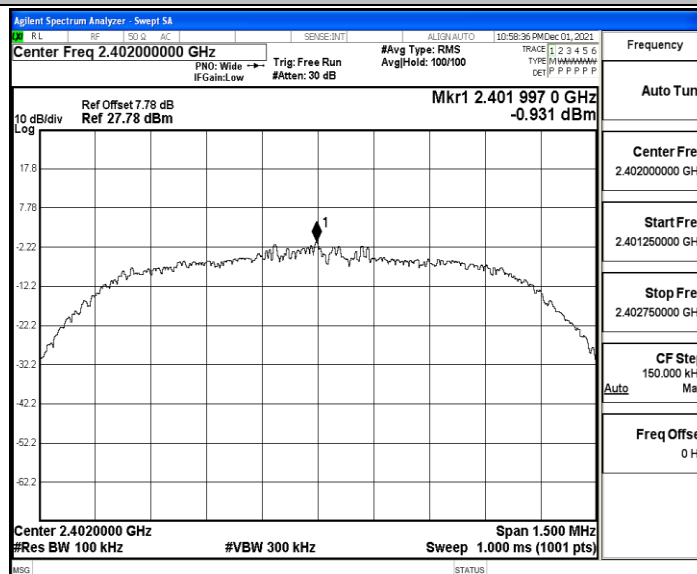
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

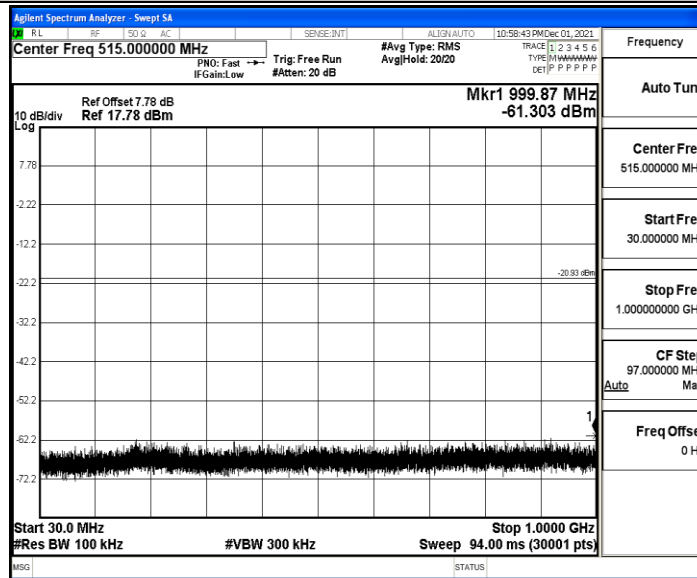


2DH5_Ant1_2402_0~Reference

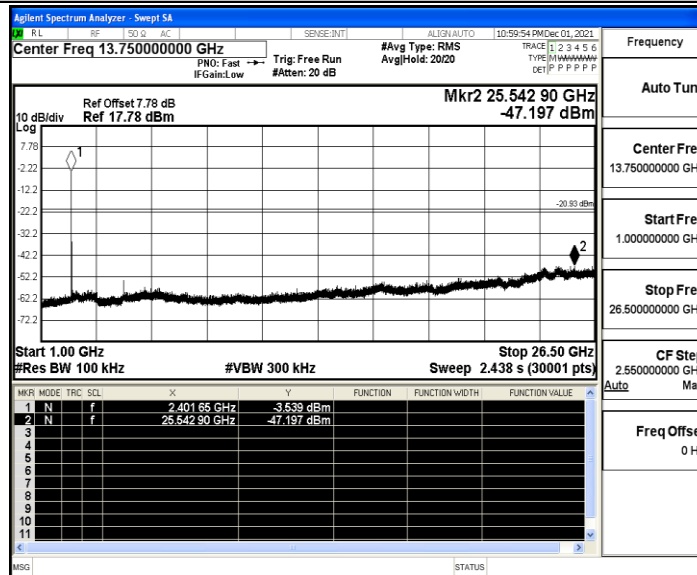




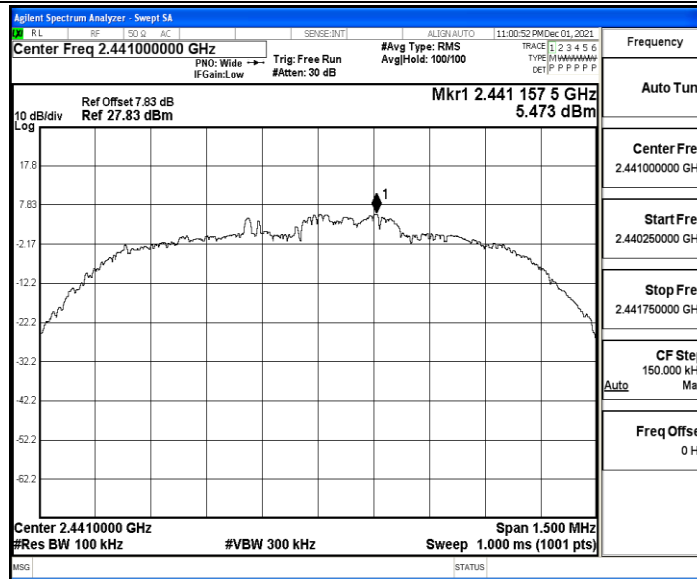
2DH5_Ant1_2402_30~1000



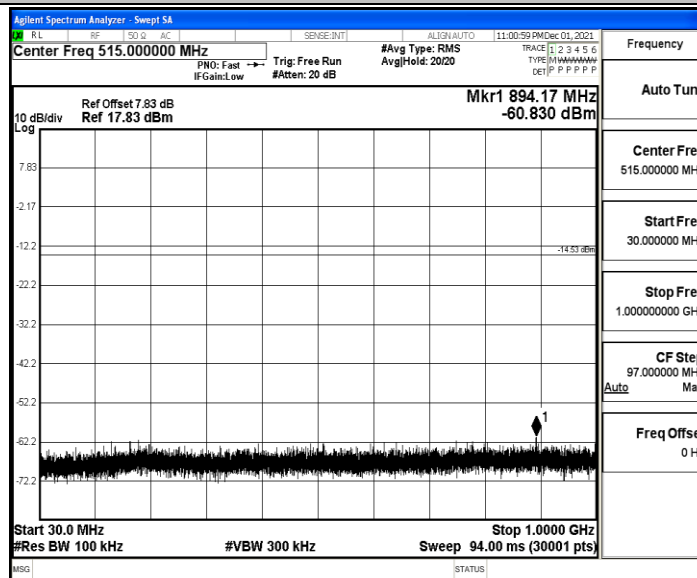
2DH5_Ant1_2402_1000~26500



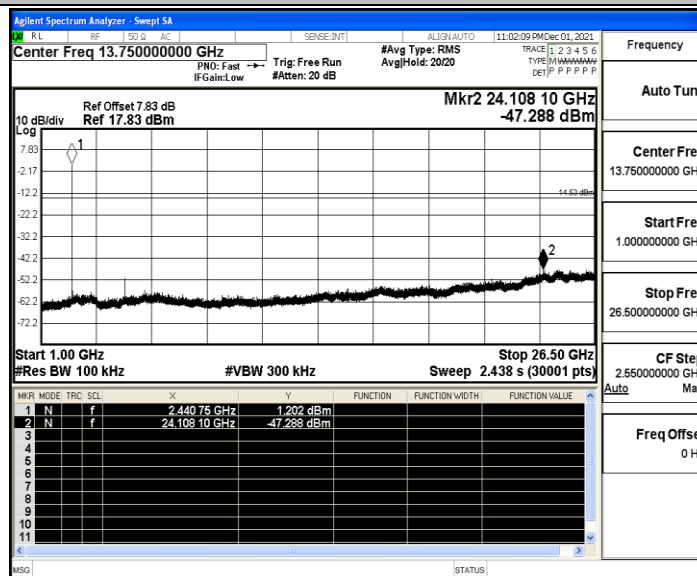
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

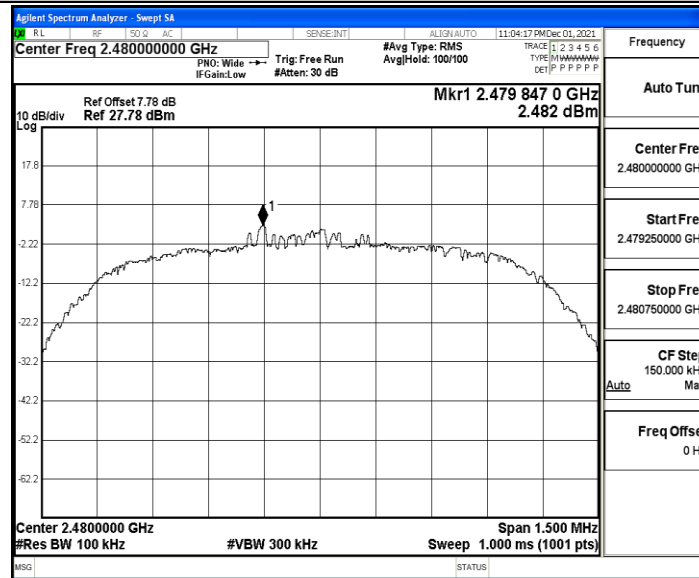


2DH5_Ant1_2441_1000~26500

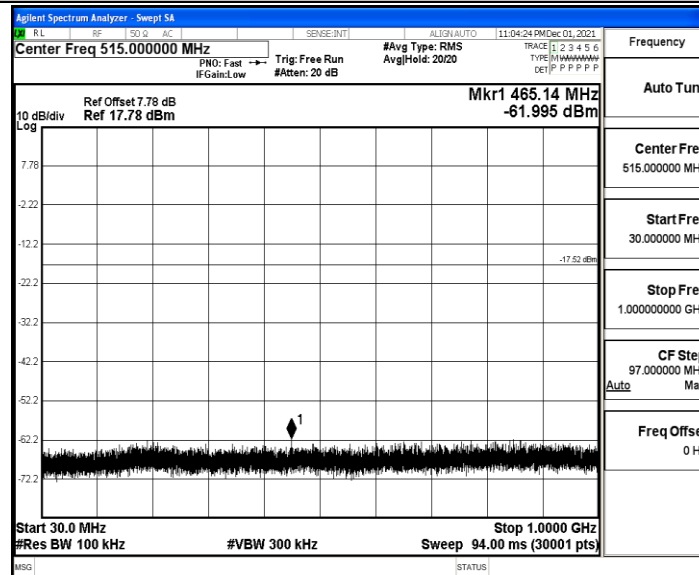




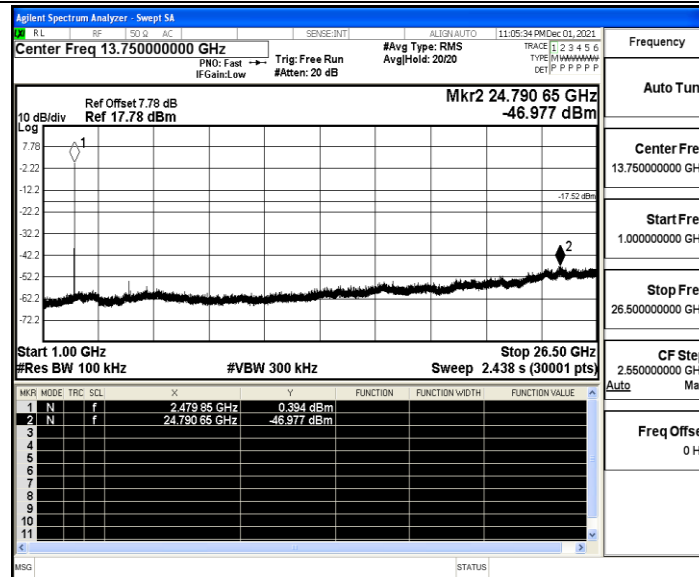
2DH5_Ant1_2480_0~Reference



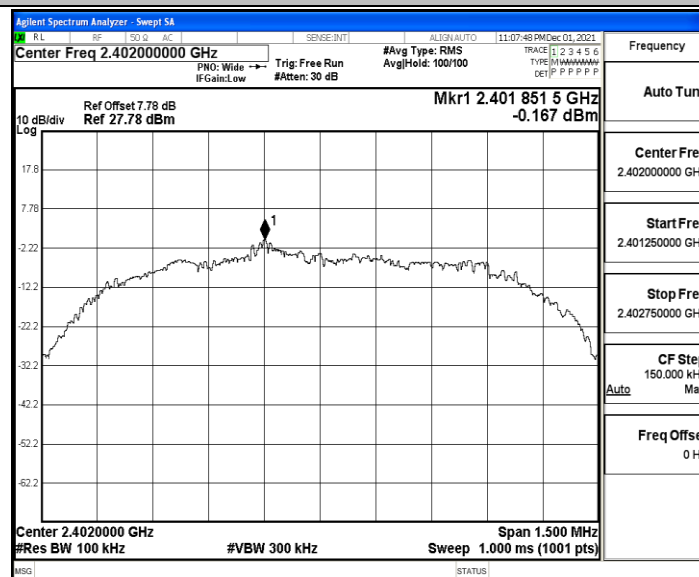
2DH5_Ant1_2480_30~1000



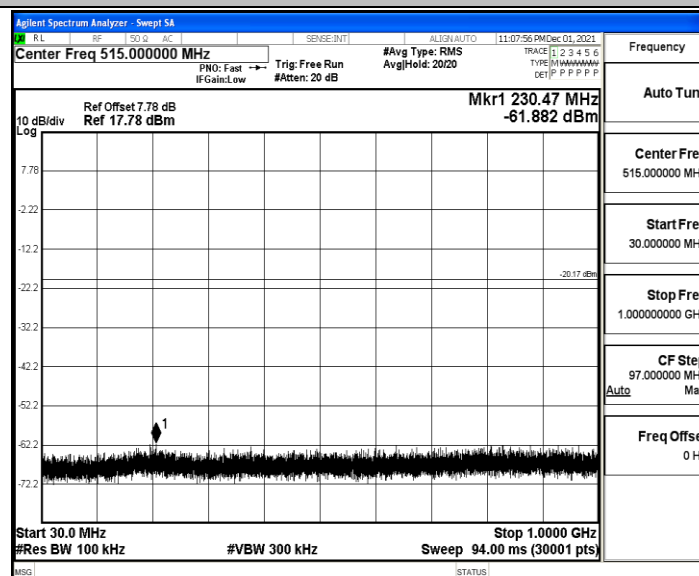
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

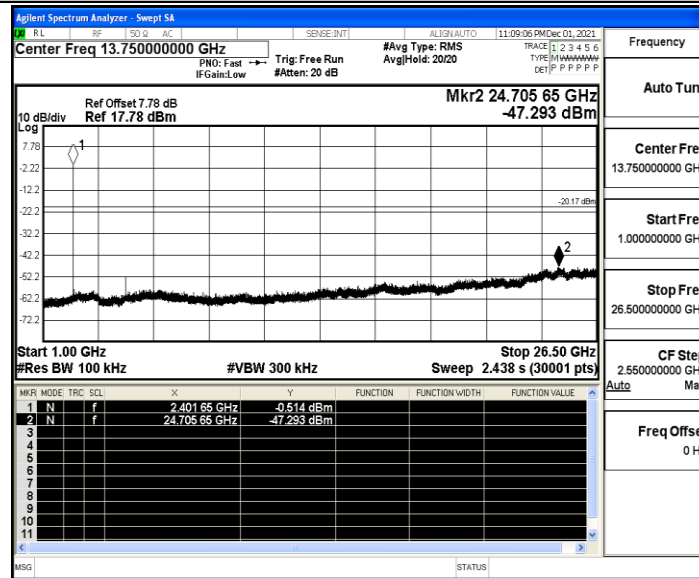


3DH5_Ant1_2402_30~1000

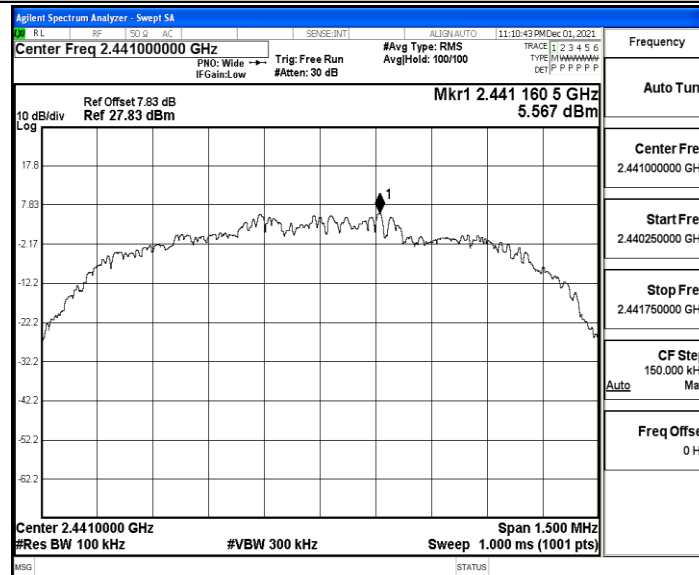




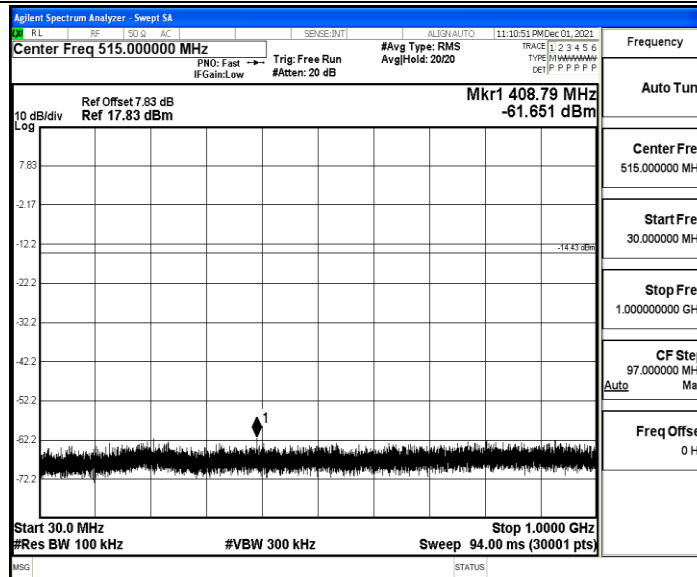
3DH5_Ant1_2402_1000~26500



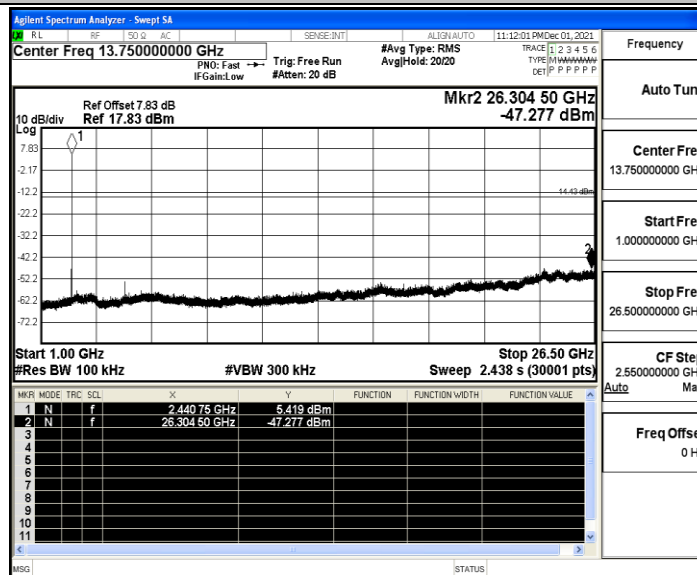
3DH5_Ant1_2441_0~Reference



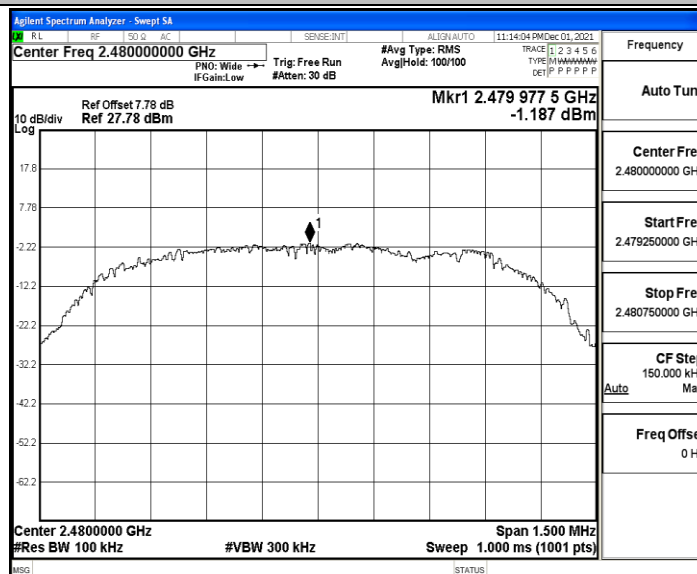
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

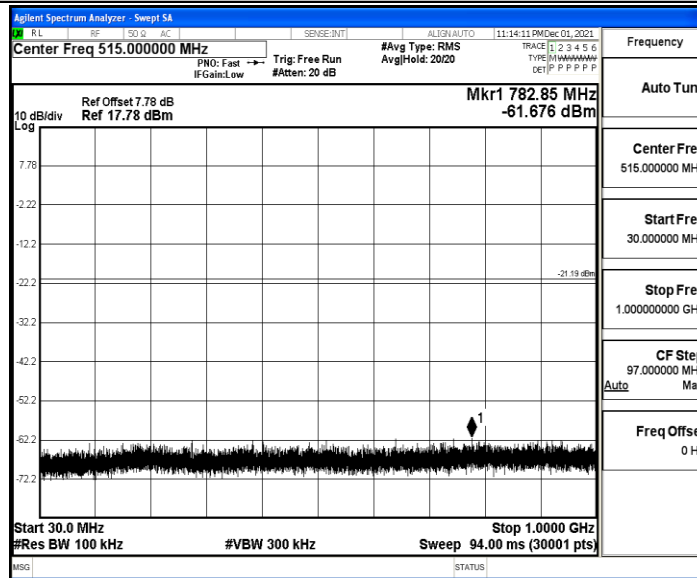


3DH5_Ant1_2480_0~Reference

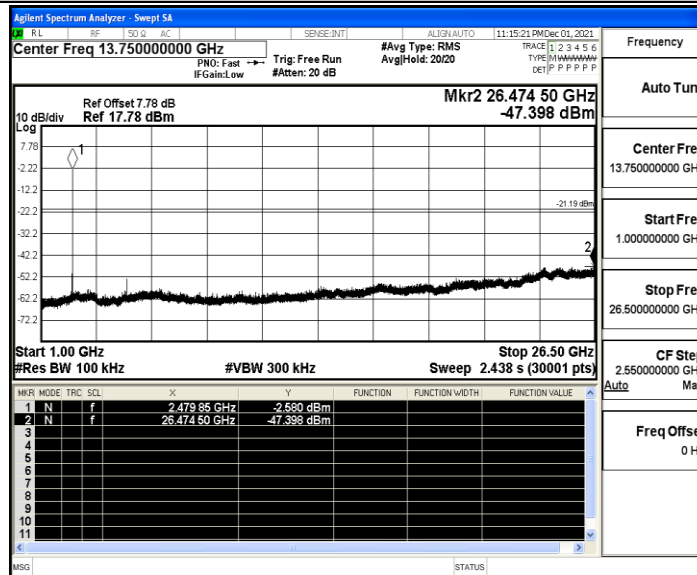




3DH5_Ant1_2480_30~1000



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	-49.57	≤-41.20	45.63	≤54	PASS
				AV	2388.305	-48.93	≤-41.20	46.27	≤54	PASS
				AV	2390.000	-49.24	≤-41.20	45.96	≤54	PASS
				Peak	2310.000	-51.15	≤-21.20	44.05	≤74	PASS
				Peak	2357.960	-40.83	≤-21.20	54.37	≤74	PASS
				Peak	2390.000	-57.43	≤-21.20	37.77	≤74	PASS
		High	2480	AV	2483.500	-48.22	≤-41.20	46.98	≤54	PASS
				AV	2483.520	-48.21	≤-41.20	46.99	≤54	PASS
				AV	2500.000	-48.42	≤-41.20	46.78	≤54	PASS
				Peak	2483.500	-52.66	≤-21.20	42.54	≤74	PASS
				Peak	2488.080	-40.89	≤-21.20	54.31	≤74	PASS
				Peak	2500.000	-49	≤-21.20	46.20	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.66	≤-41.20	45.54	≤54	PASS
				AV	2383.685	-48.91	≤-41.20	46.29	≤54	PASS
				AV	2390.000	-49.27	≤-41.20	45.93	≤54	PASS
				Peak	2310.000	-44.89	≤-21.20	50.31	≤74	PASS
				Peak	2385.785	-39.77	≤-21.20	55.43	≤74	PASS
				Peak	2390.000	-49.57	≤-21.20	45.63	≤74	PASS
		High	2480	AV	2483.500	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2483.520	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2500.000	-48.54	≤-41.20	46.66	≤54	PASS
				Peak	2483.500	-48	≤-21.20	47.20	≤74	PASS
				Peak	2499.040	-39.62	≤-21.20	55.58	≤74	PASS
				Peak	2500.000	-50.18	≤-21.20	45.02	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-49.58	≤-41.20	45.62	≤54	PASS
				AV	2369.720	-48.98	≤-41.20	46.22	≤54	PASS
				AV	2390.000	-49.26	≤-41.20	45.94	≤54	PASS
				Peak	2310.000	-47.45	≤-21.20	47.75	≤74	PASS
				Peak	2323.310	-41.03	≤-21.20	54.17	≤74	PASS
				Peak	2390.000	-44.65	≤-21.20	50.55	≤74	PASS
		High	2480	AV	2483.500	-47.84	≤-41.20	47.36	≤54	PASS
				AV	2483.520	-47.84	≤-41.20	47.36	≤54	PASS
				AV	2500.000	-48.56	≤-41.20	46.64	≤54	PASS
				Peak	2483.500	-44.02	≤-21.20	51.18	≤74	PASS
				Peak	2486.160	-40.94	≤-21.20	54.26	≤74	PASS
				Peak	2500.000	-45.21	≤-21.20	49.99	≤74	PASS



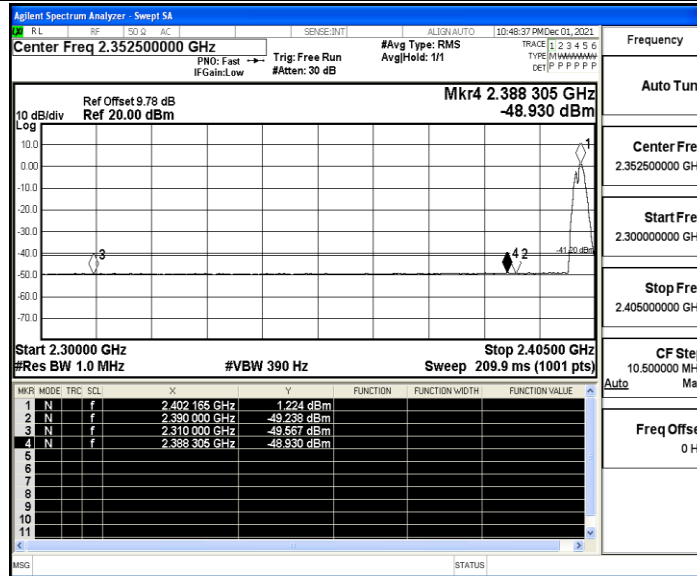
Note:

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.

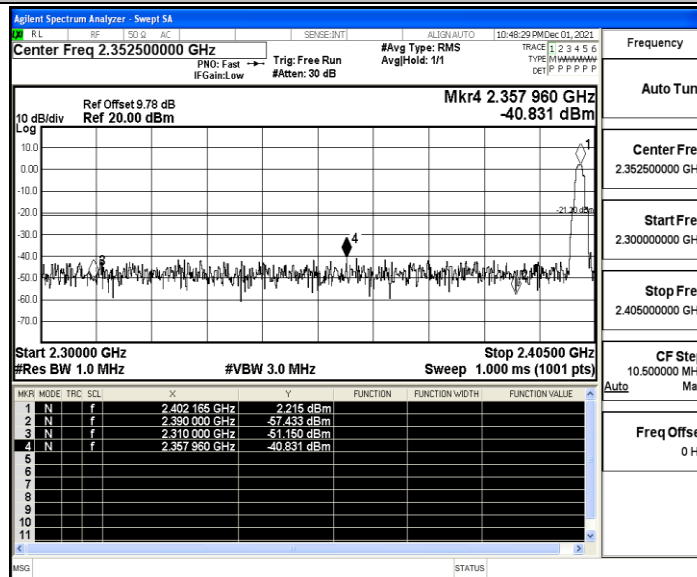


Test Graphs

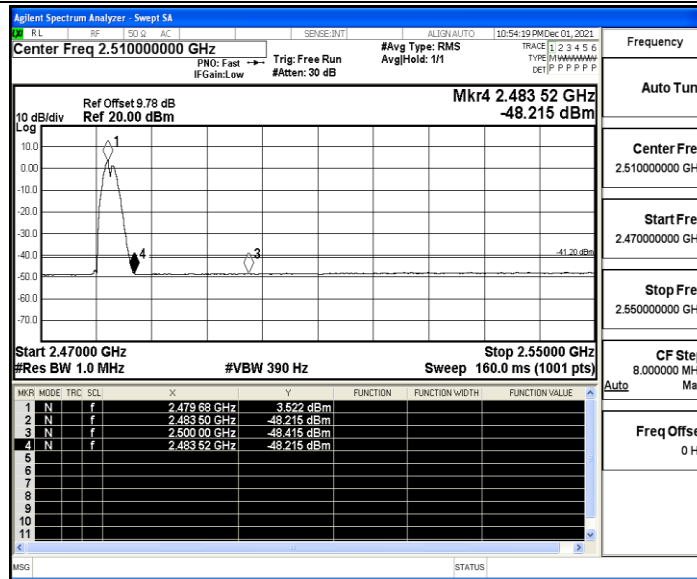
DH5_Ant1_Low_2402_AV



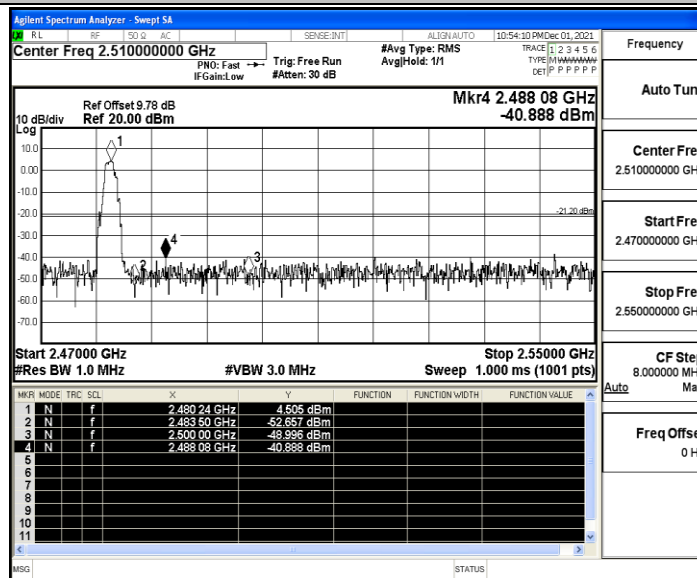
DH5_Ant1_Low_2402_Peak



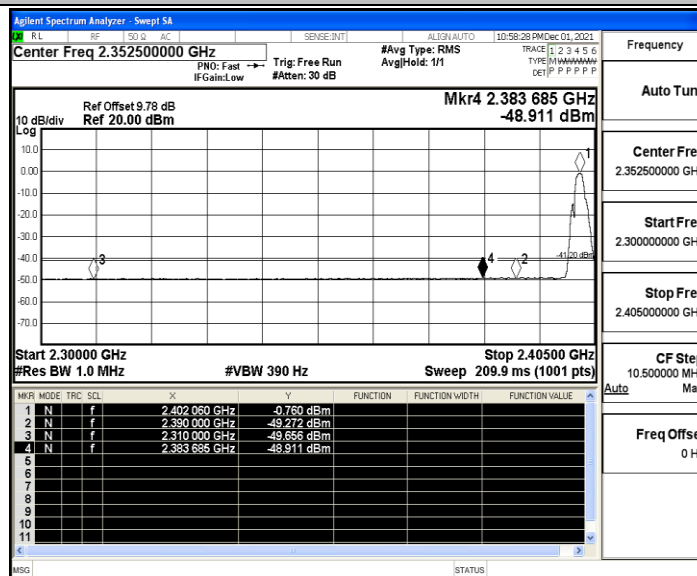
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

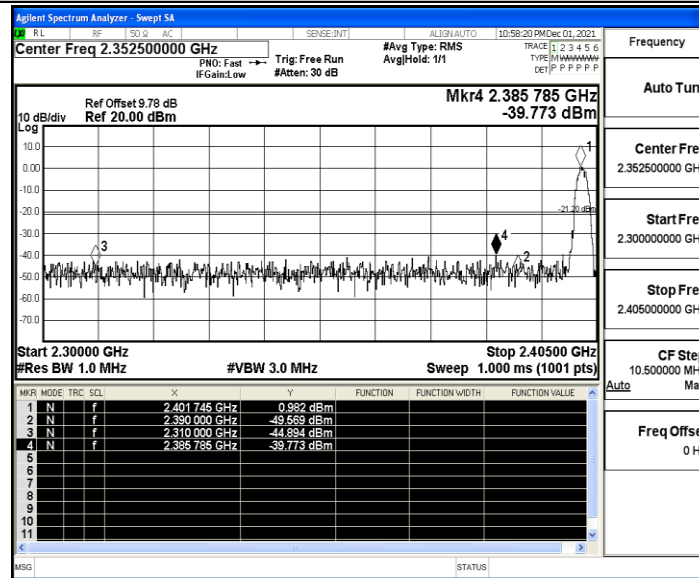


2DH5_Ant1_Low_2402_AV

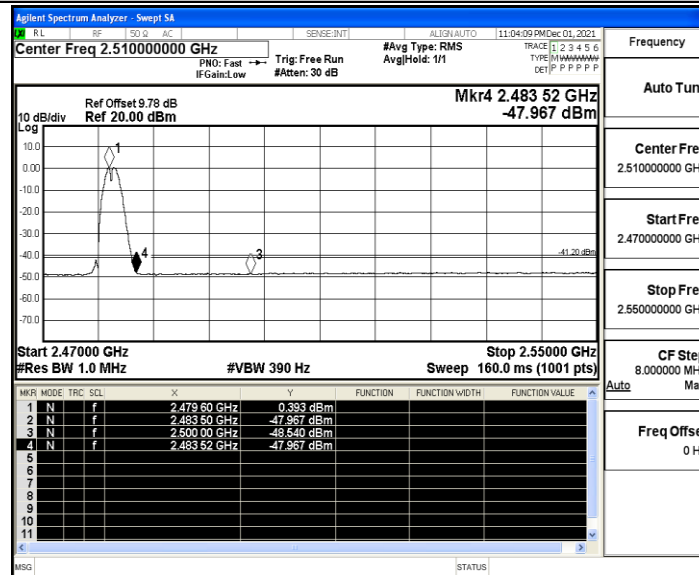




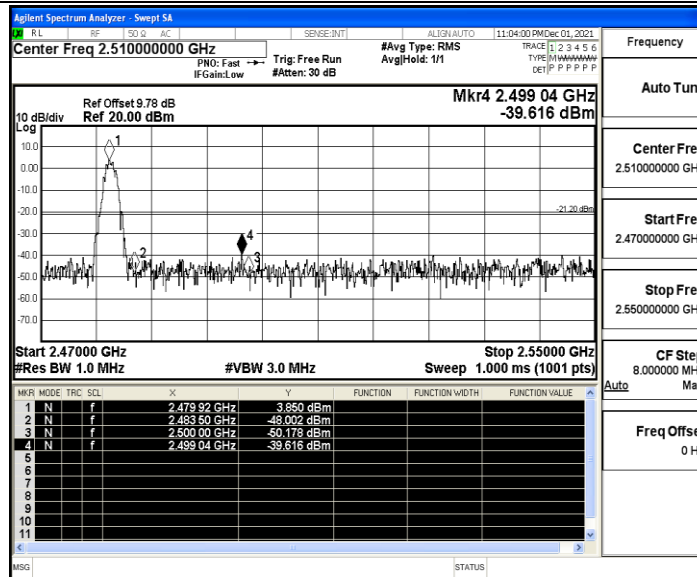
2DH5_Ant1_Low_2402_Peak



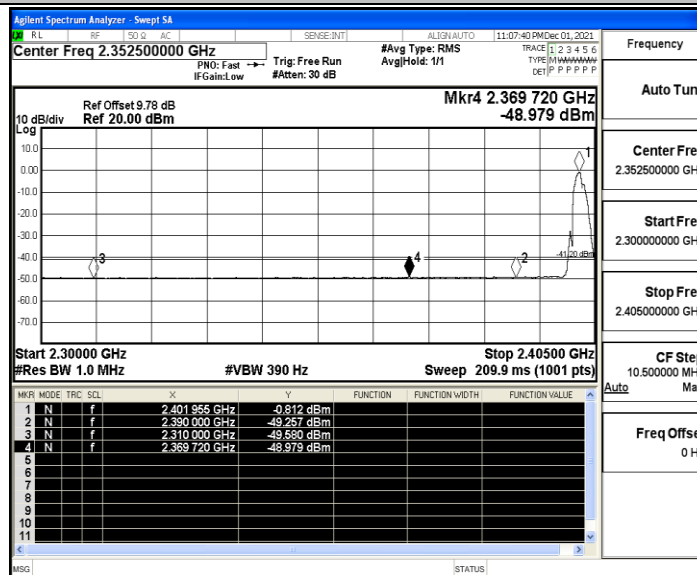
2DH5_Ant1_High_2480_AV



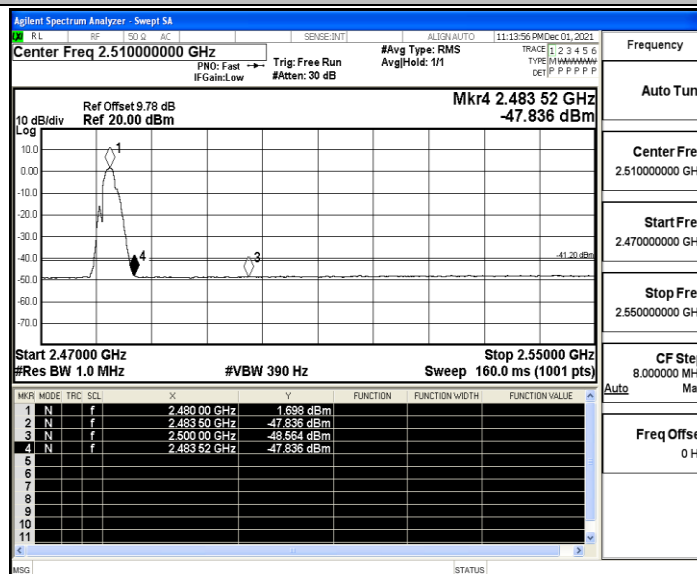
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV



3DH5_Ant1_High_2480_AV





3DH5_Ant1_High_2480_Peak

