



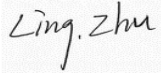
Appendix A

RF Test Data for BT V4.2 (DSS) (Conducted Measurement)

Product Name: Tablet

Test Model: 10WB2

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

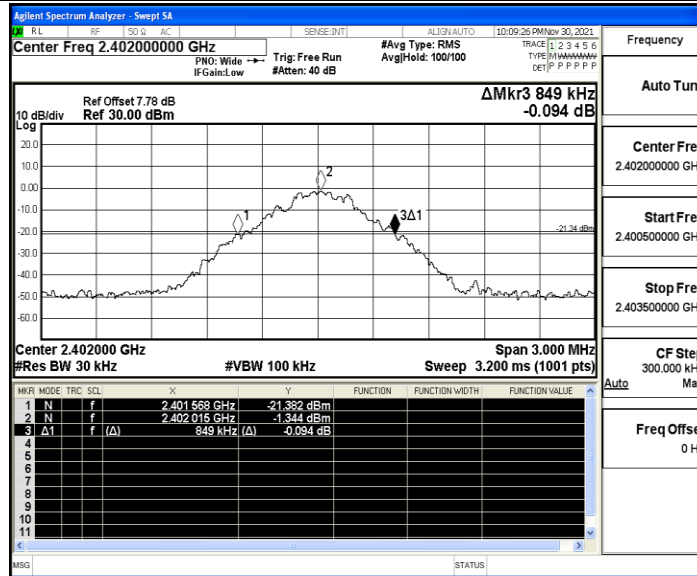
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.849	2401.568	2402.417	---	PASS
		2441	0.858	2440.556	2441.414	---	PASS
		2480	0.906	2479.562	2480.468	---	PASS
2DH5	Ant1	2402	1.290	2401.364	2402.654	---	PASS
		2441	1.284	2440.367	2441.651	---	PASS
		2480	1.335	2479.331	2480.666	---	PASS
3DH5	Ant1	2402	1.323	2401.343	2402.666	---	PASS
		2441	1.308	2440.349	2441.657	---	PASS
		2480	1.284	2479.349	2480.633	---	PASS

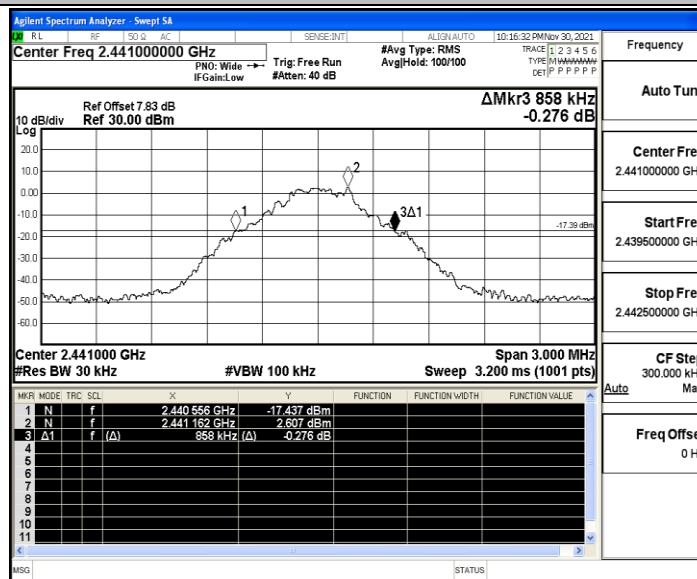


Test Graphs

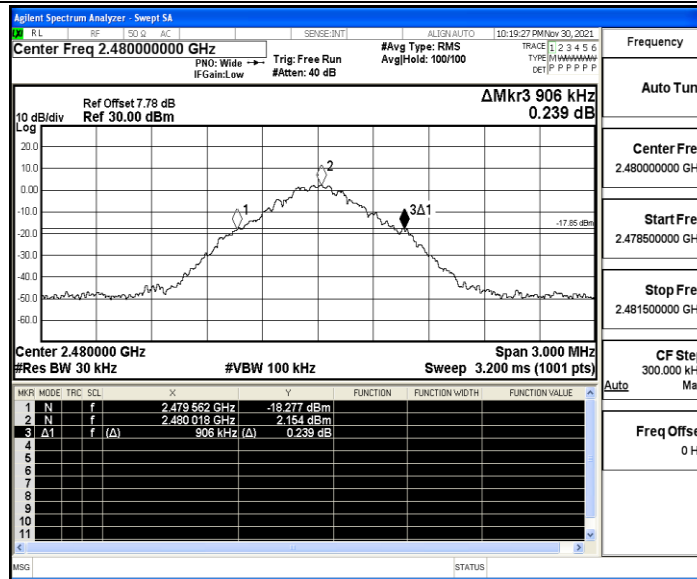
DH5_Ant1_2402



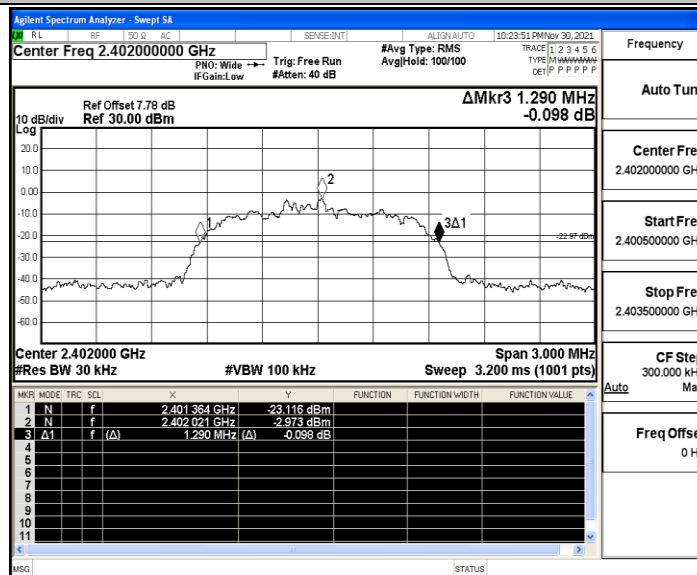
DH5_Ant1_2441



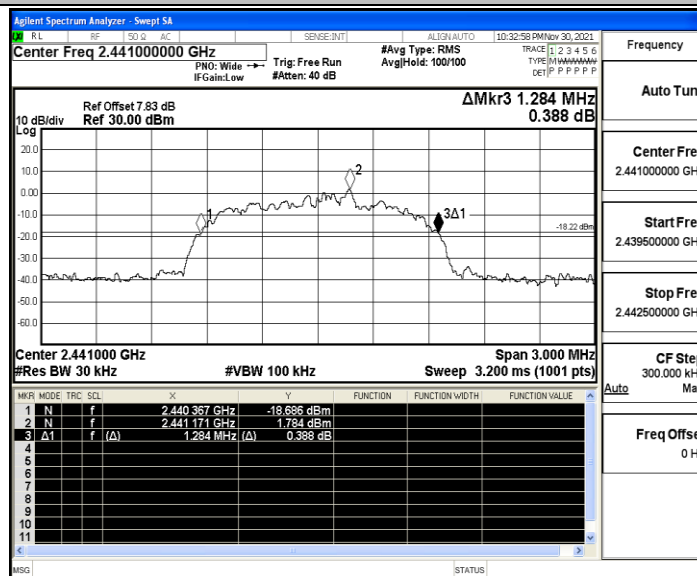
DH5_Ant1_2480



2DH5_Ant1_2402

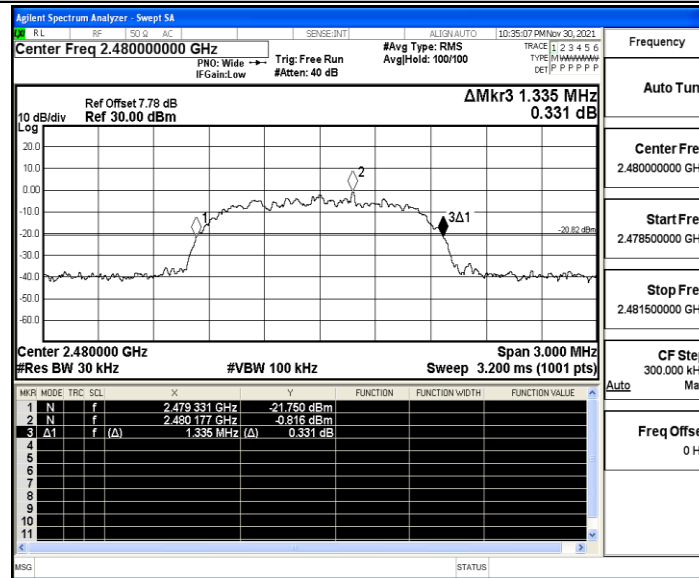


2DH5_Ant1_2441

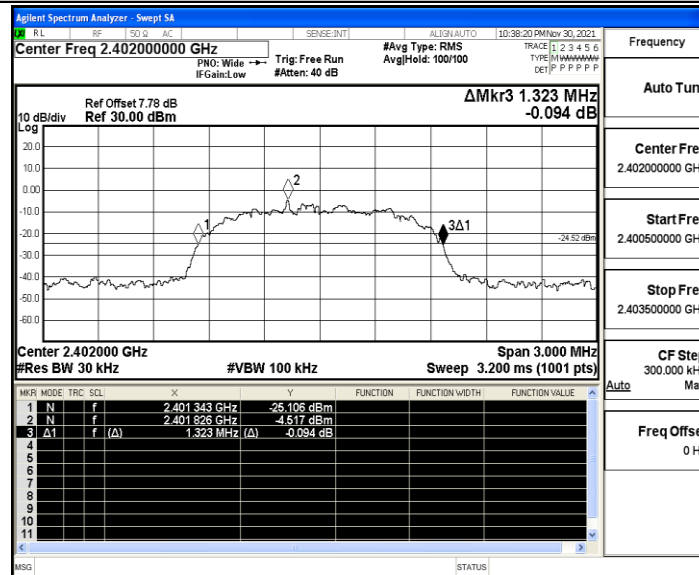




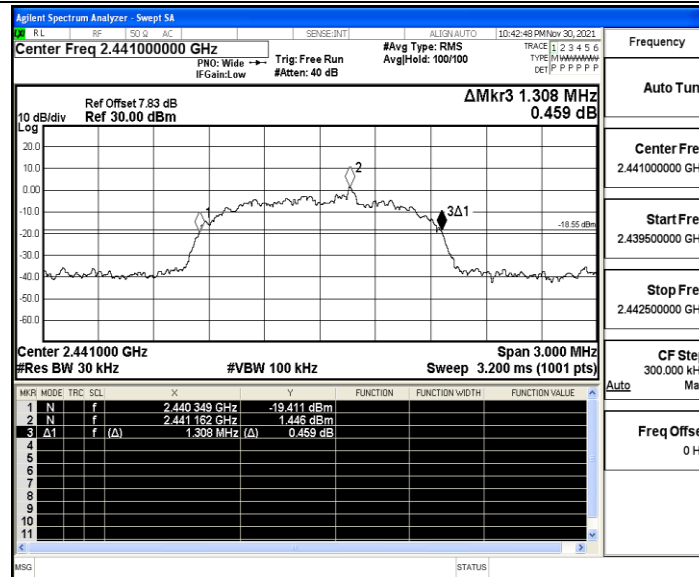
2DH5_Ant1_2480



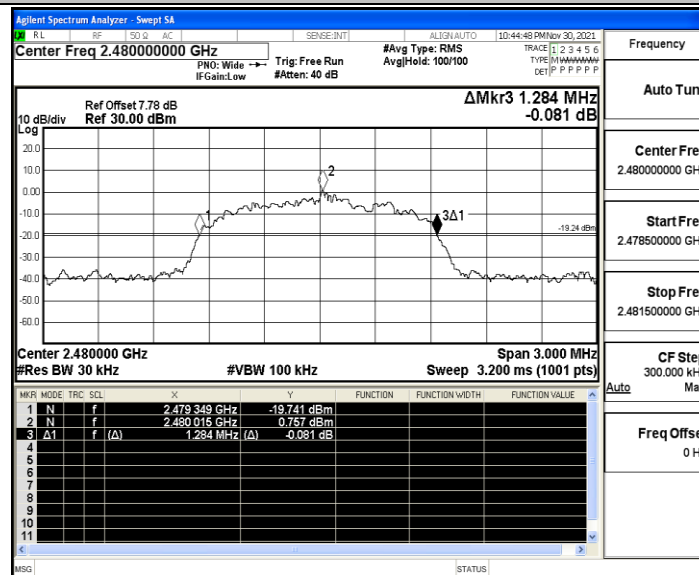
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

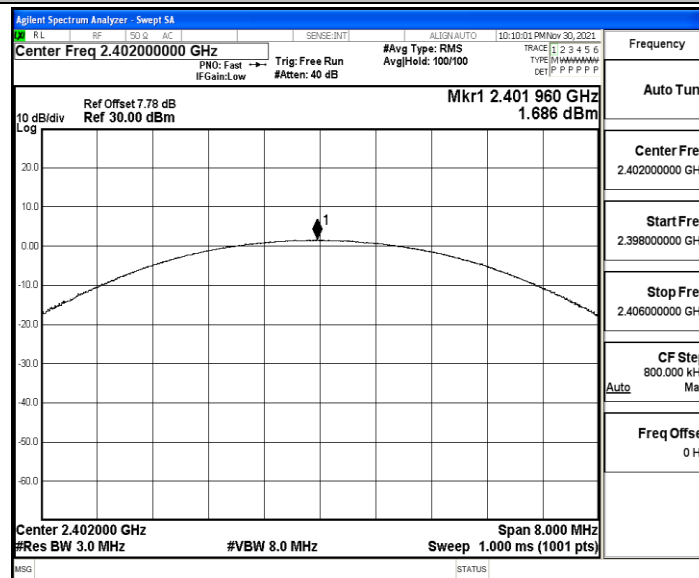
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.69	≤ 20.97	PASS
		2441	5.61	≤ 20.97	PASS
		2480	5.21	≤ 20.97	PASS
2DH5	Ant1	2402	1.50	≤ 20.97	PASS
		2441	5.65	≤ 20.97	PASS
		2480	5.32	≤ 20.97	PASS
3DH5	Ant1	2402	1.41	≤ 20.97	PASS
		2441	5.62	≤ 20.97	PASS
		2480	5.25	≤ 20.97	PASS

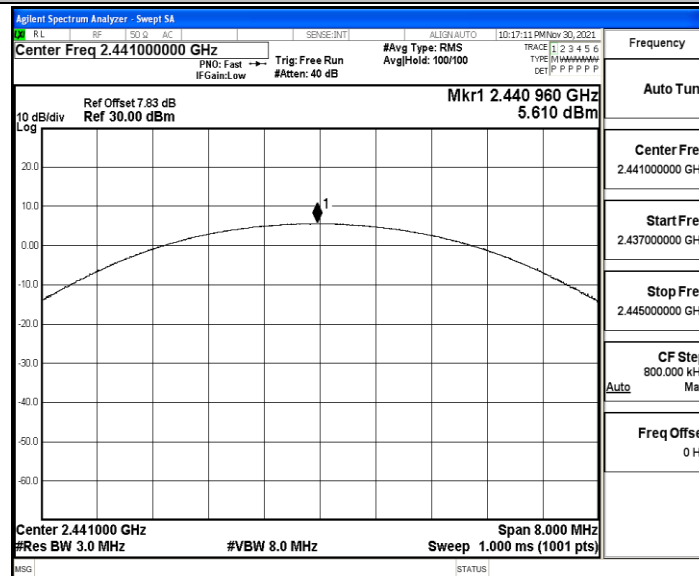


Test Graphs

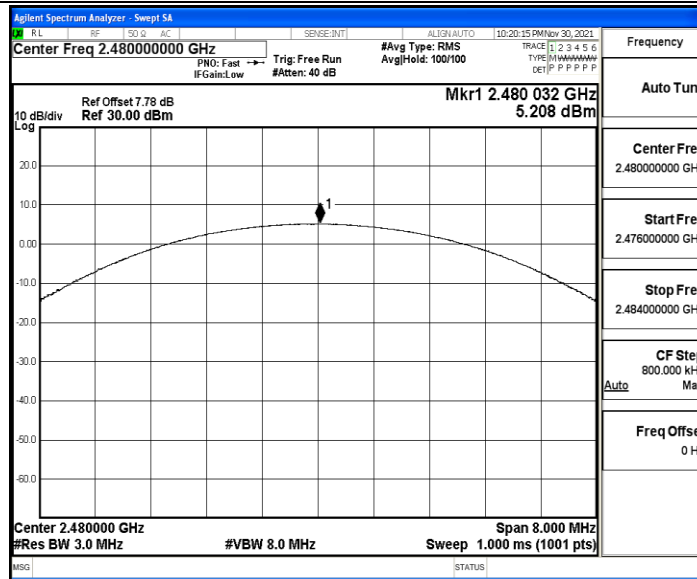
DH5_Ant1_2402



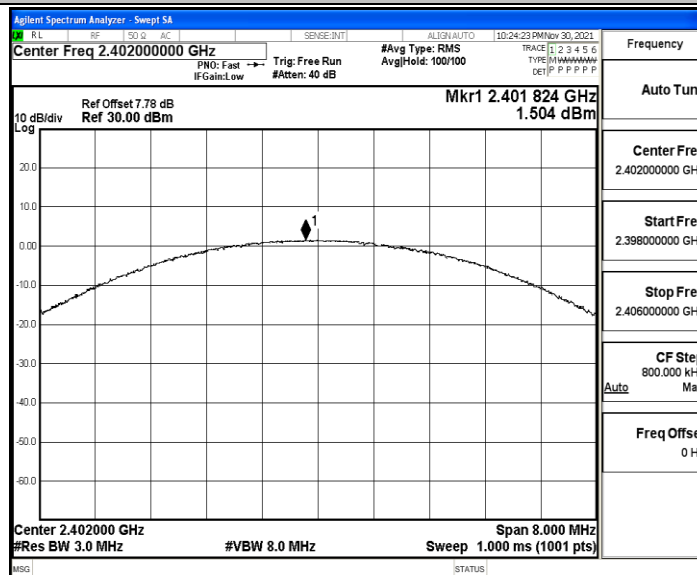
DH5_Ant1_2441



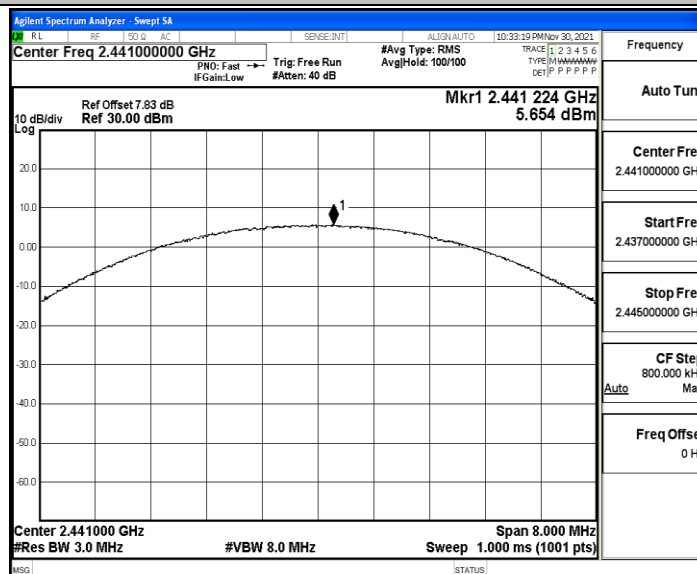
DH5_Ant1_2480



2DH5_Ant1_2402

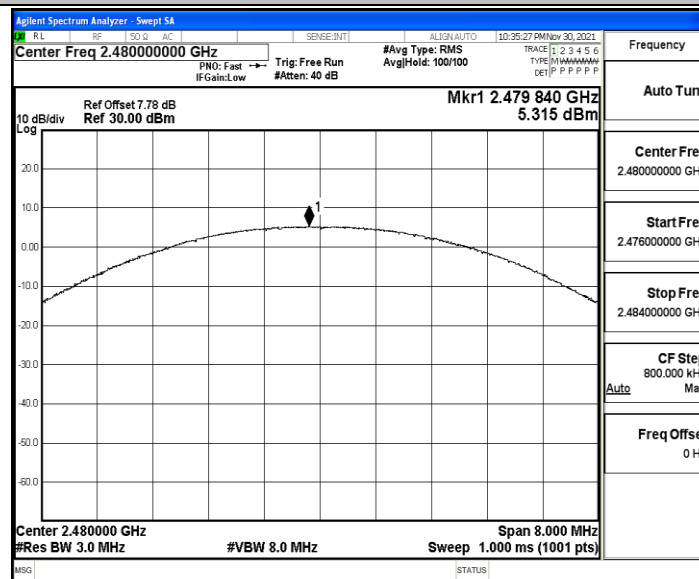


2DH5_Ant1_2441

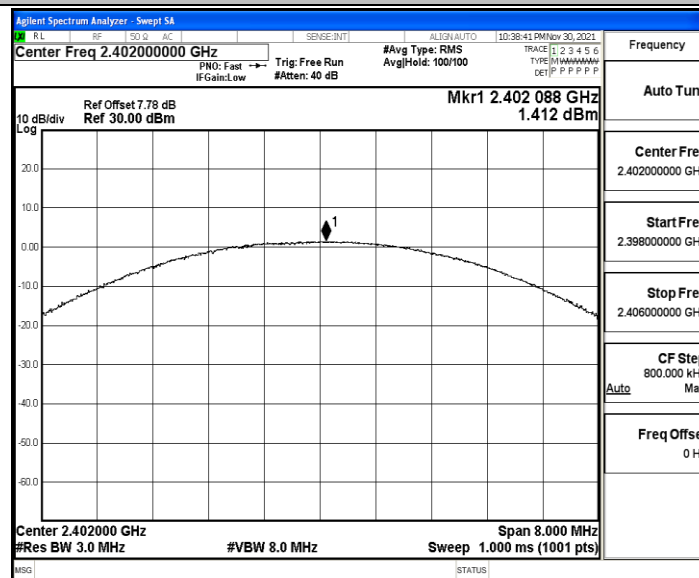




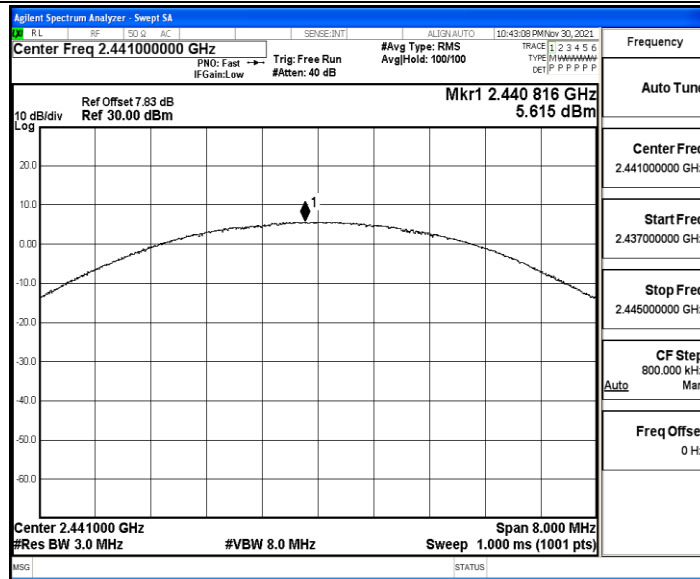
2DH5_Ant1_2480



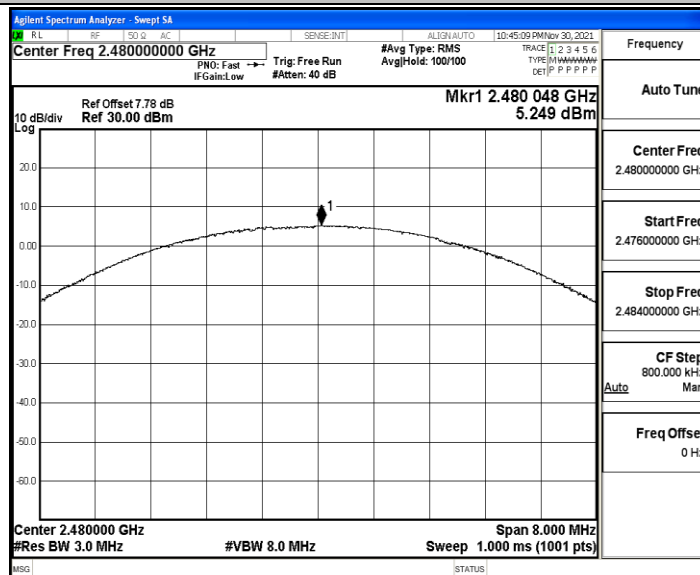
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

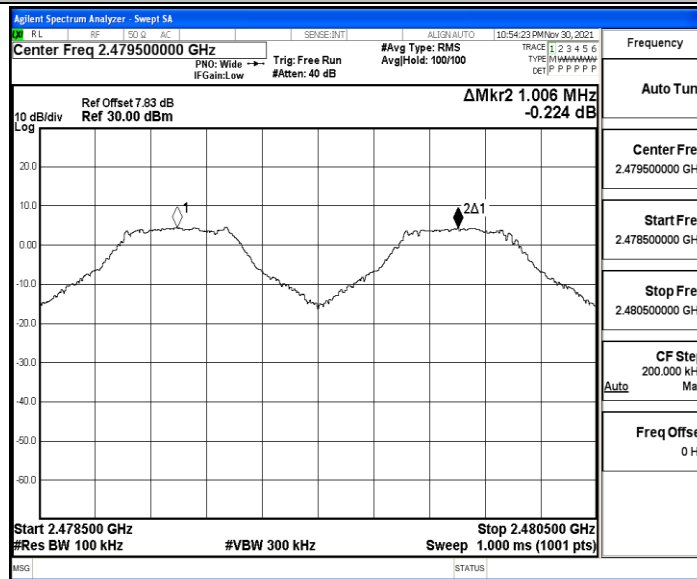
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.006	≥ 0.604	PASS
2DH5	Ant1	Hop	1.316	≥ 0.890	PASS
3DH5	Ant1	Hop	1.004	≥ 0.882	PASS

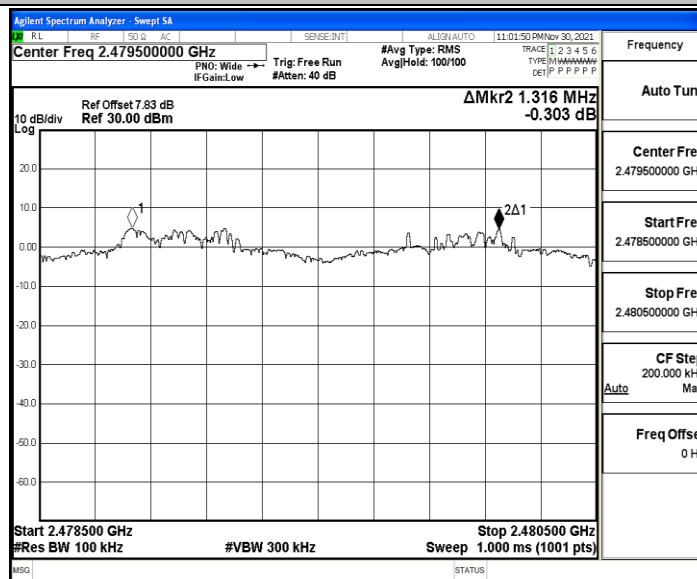


Test Graphs

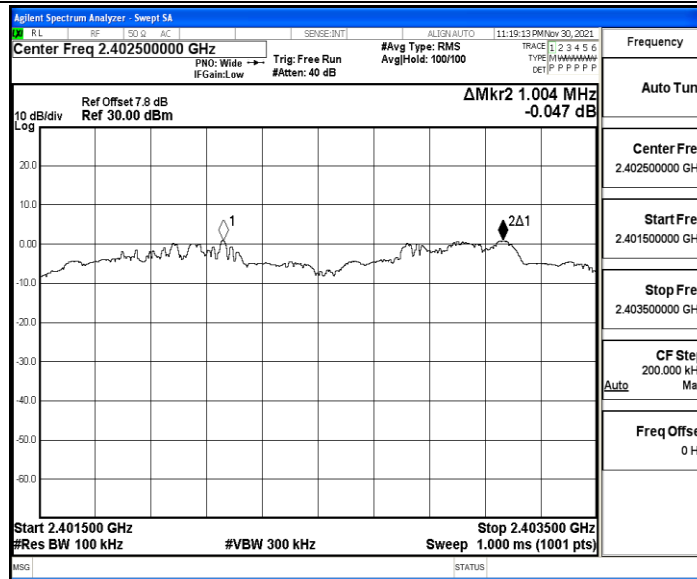
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

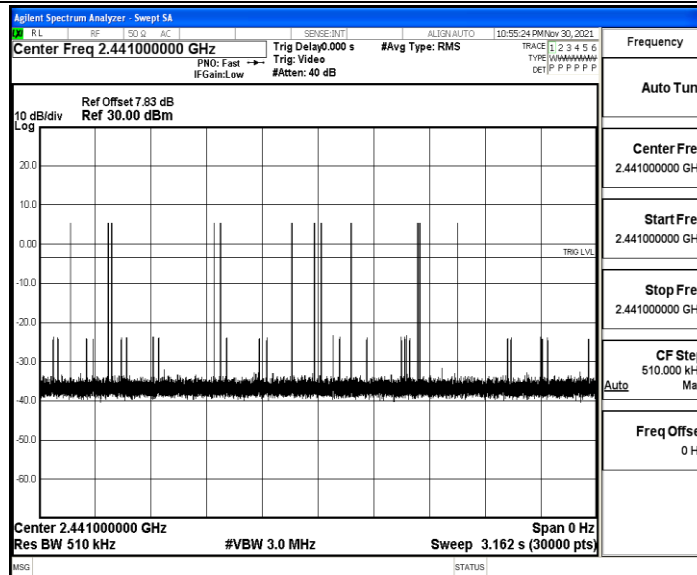
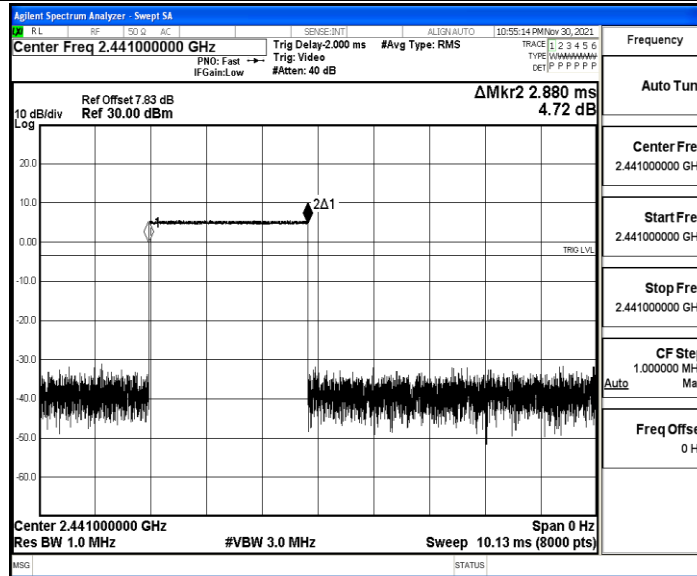
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	130	0.374	≤0.4	PASS
2DH5	Ant1	Hop	2.88	120	0.346	≤0.4	PASS
3DH5	Ant1	Hop	2.89	107	0.309	≤0.4	PASS

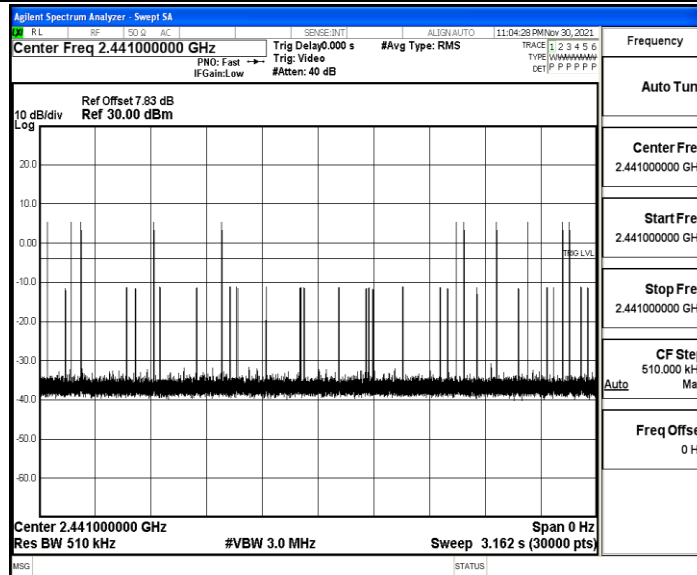
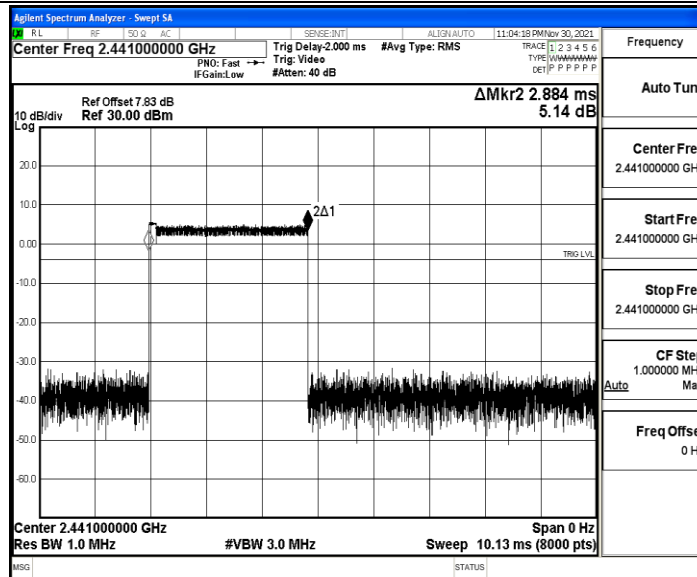


Test Graphs

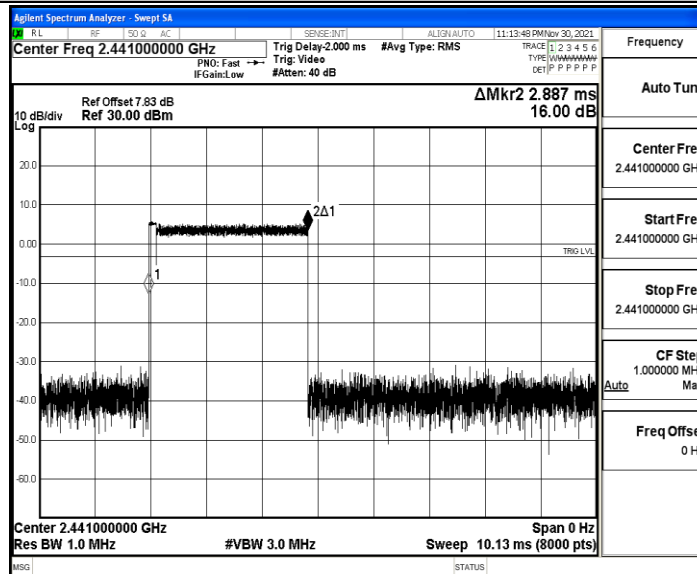
DH5_Ant1_Hop

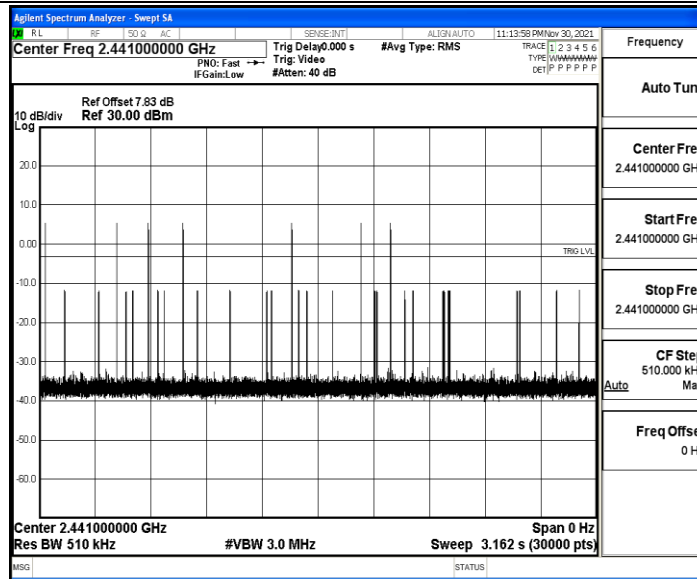


2DH5_Ant1_Hop



3DH5_Ant1_Hop







A.5 Number of hopping channels

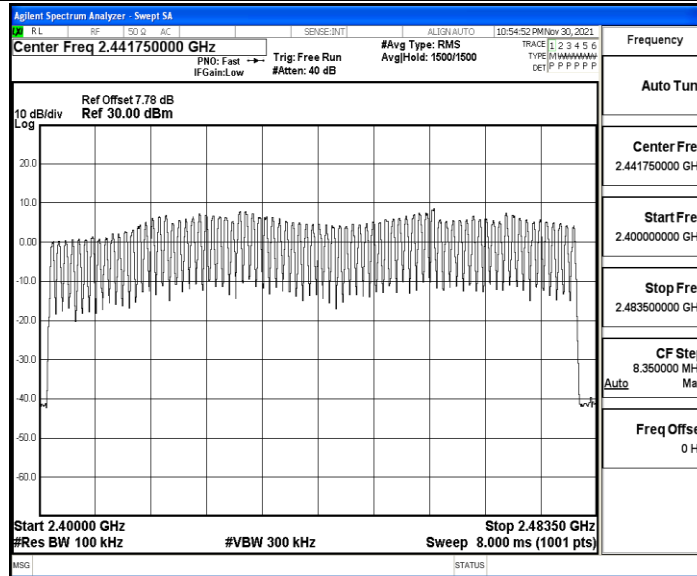
Test Result

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

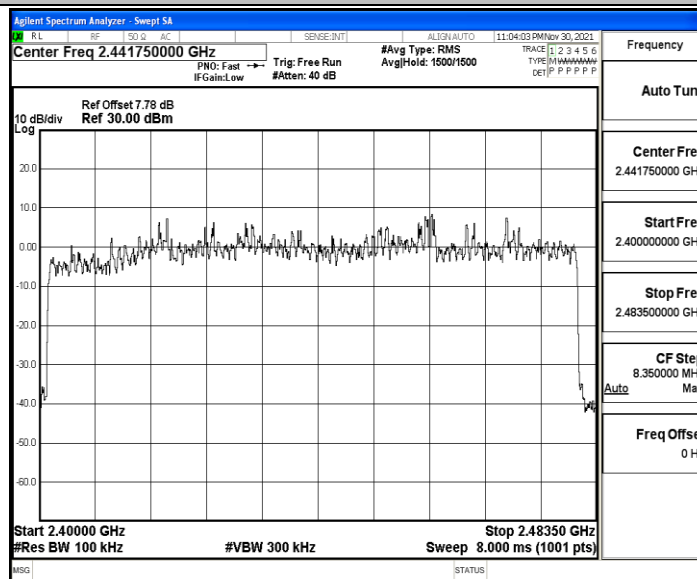


Test Graphs

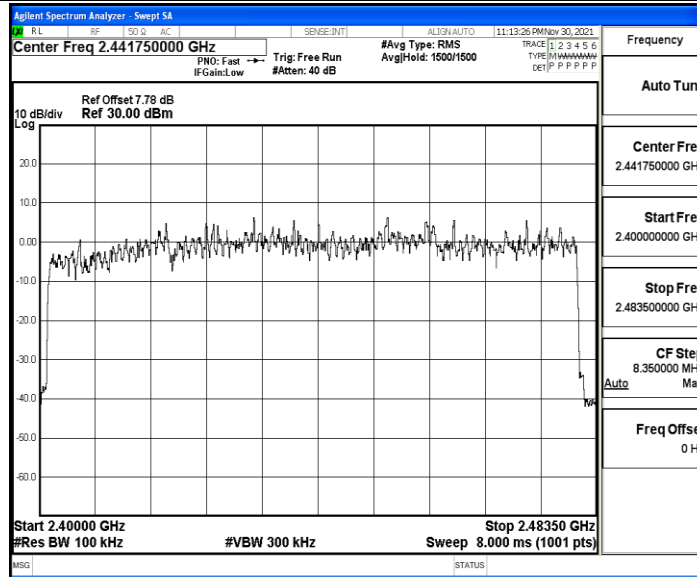
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

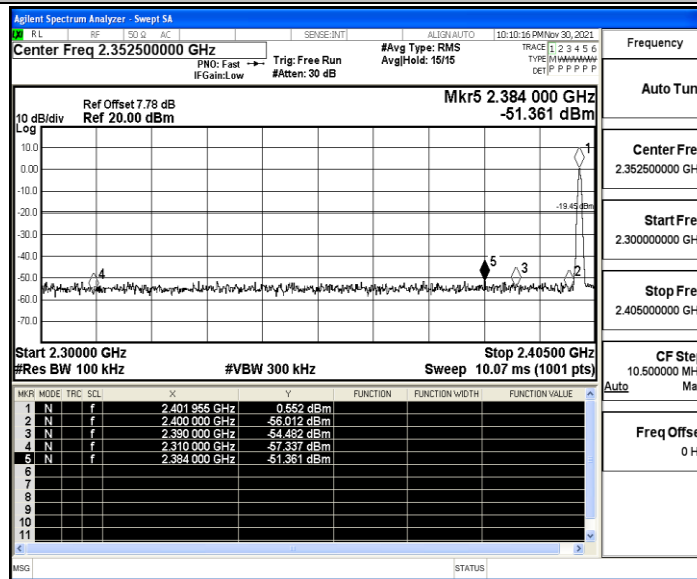
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.55	-51.36	≤ -19.45	PASS
		High	2480	3.87	-50.04	≤ -16.13	PASS
		Low	Hop_2402	1.03	-49.46	≤ -18.97	PASS
		High	Hop_2480	7.17	-48.69	≤ -12.83	PASS
2DH5	Ant1	Low	2402	-2.03	-50.73	≤ -22.03	PASS
		High	2480	0.36	-50.32	≤ -19.64	PASS
		Low	Hop_2402	-3.64	-49.47	≤ -23.64	PASS
		High	Hop_2480	4.49	-48.39	≤ -15.51	PASS
3DH5	Ant1	Low	2402	-1.37	-50.75	≤ -21.37	PASS
		High	2480	1.64	-50.34	≤ -18.36	PASS
		Low	Hop_2402	-2.93	-49.65	≤ -22.93	PASS
		High	Hop_2480	6.70	-47.65	≤ -13.3	PASS

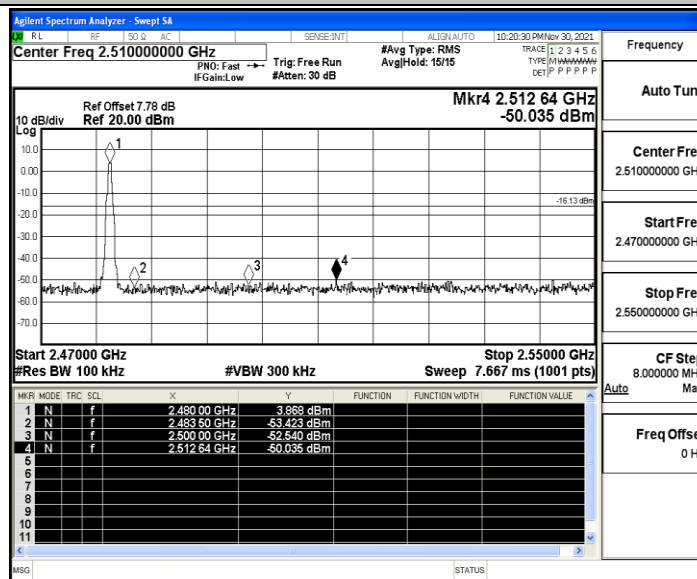


Test Graphs

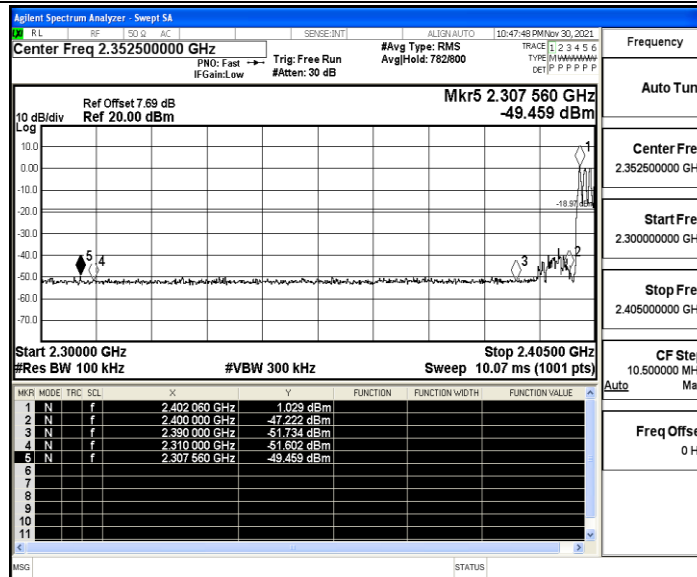
DH5_Ant1_Low_2402



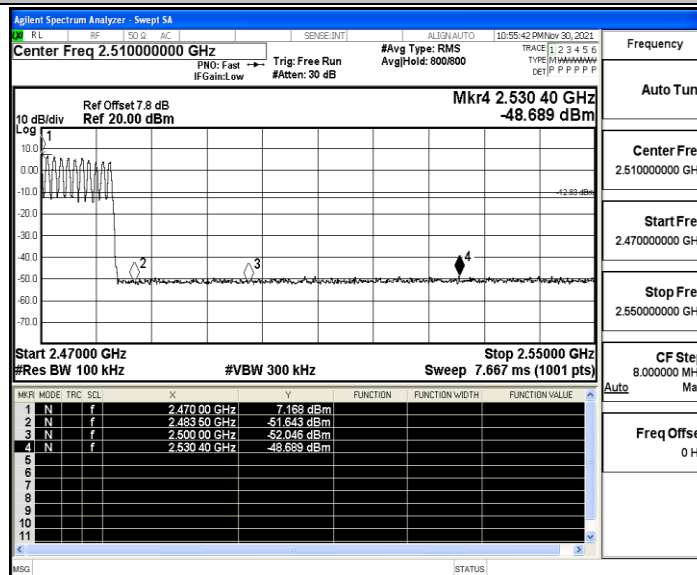
DH5_Ant1_High_2480



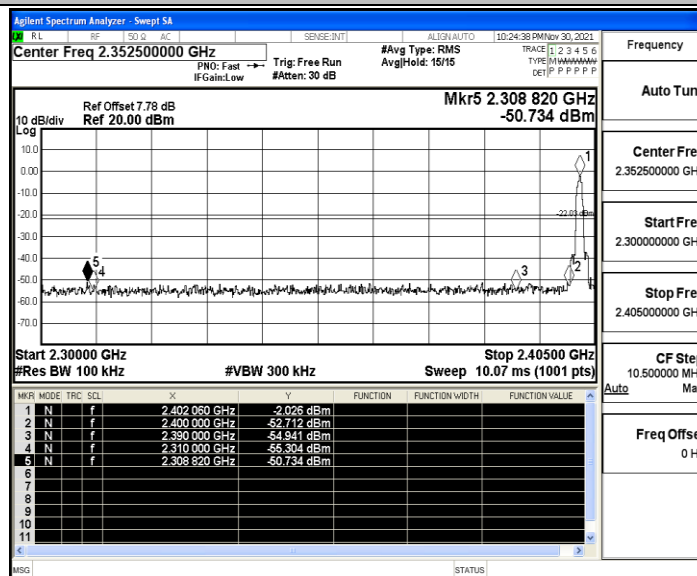
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

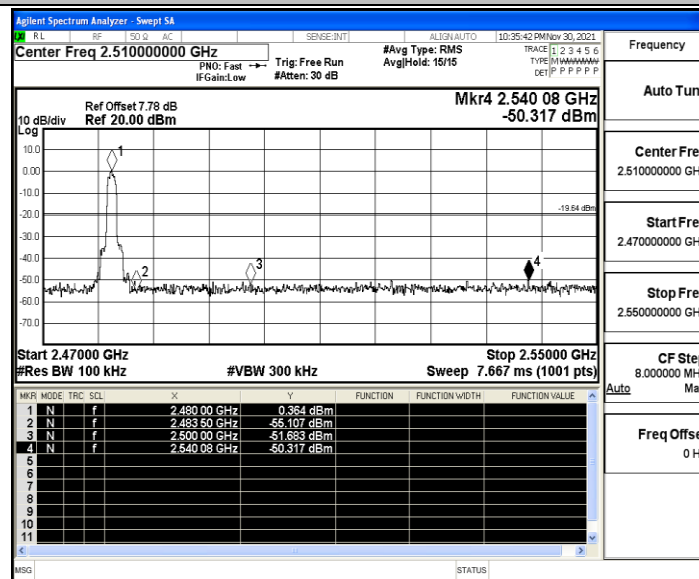


2DH5_Ant1_Low_2402

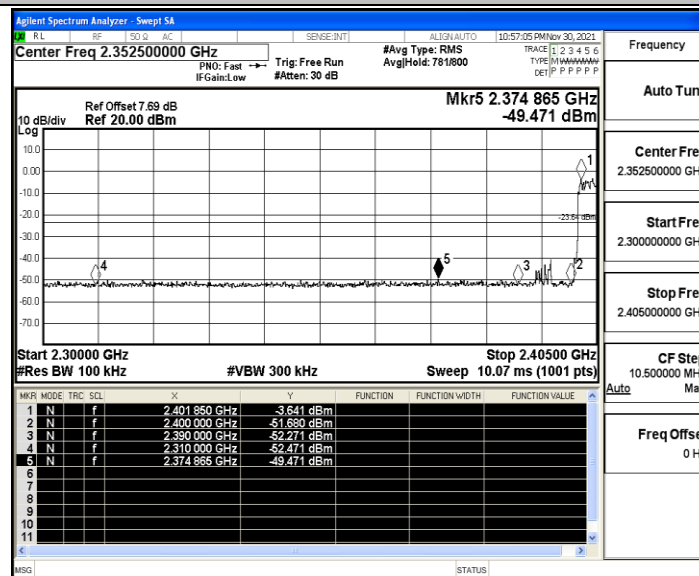




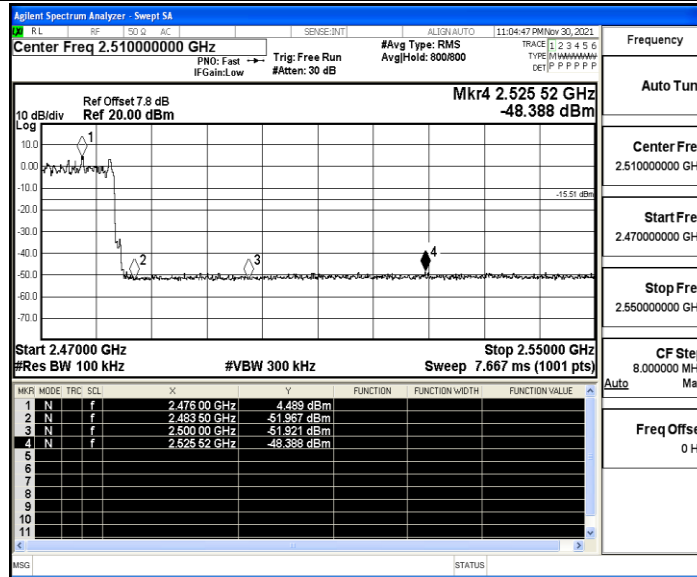
2DH5_Ant1_High_2480



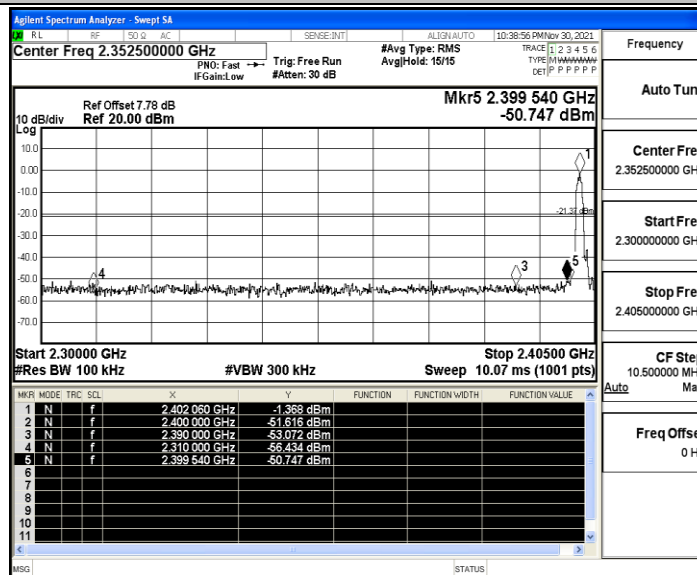
2DH5_Ant1_Low_Hop_2402



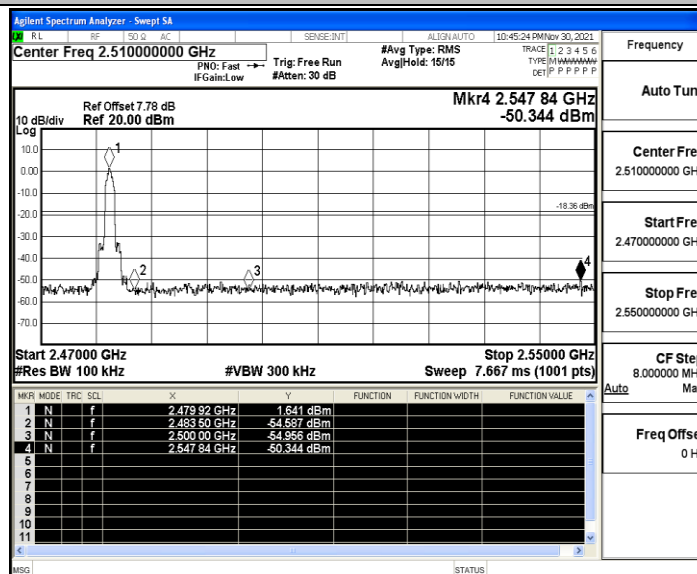
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

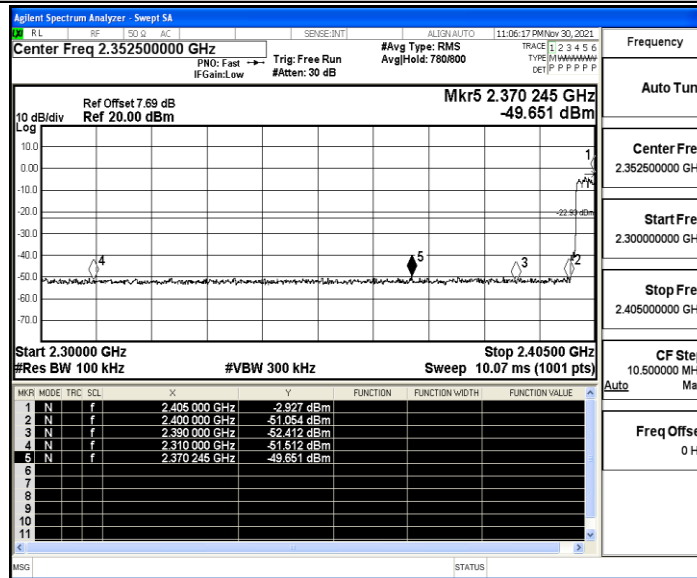


3DH5_Ant1_High_2480

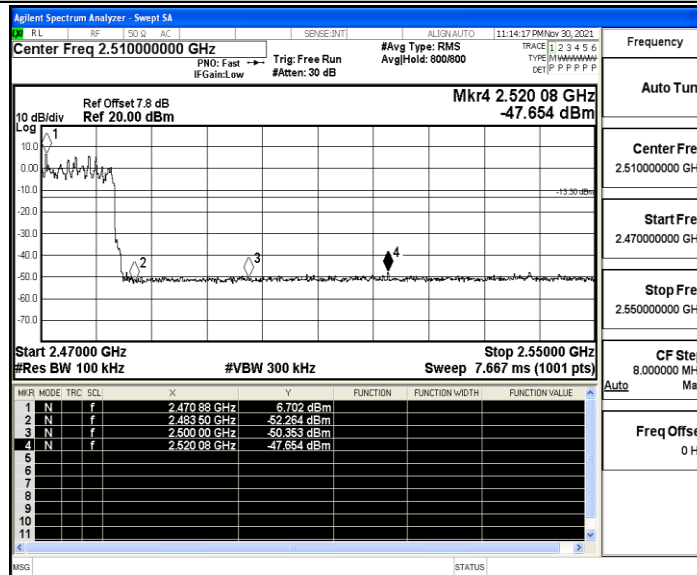




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

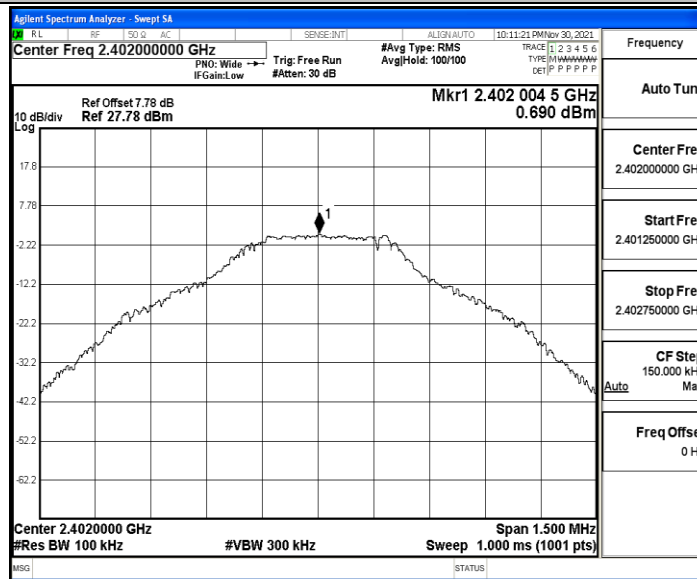
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.69	0.69	---	PASS
			30~1000	0.69	-62.18	≤ -19.31	PASS
			1000~26500	0.69	-46.81	≤ -19.31	PASS
		2441	Reference	4.69	4.69	---	PASS
			30~1000	4.69	-61.61	≤ -15.31	PASS
			1000~26500	4.69	-46.39	≤ -15.31	PASS
		2480	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-61.68	≤ -15.59	PASS
			1000~26500	4.41	-46.38	≤ -15.59	PASS
2DH5	Ant1	2402	Reference	-2.95	-2.95	---	PASS
			30~1000	-2.95	-62.08	≤ -22.95	PASS
			1000~26500	-2.95	-47.32	≤ -22.95	PASS
		2441	Reference	4.79	4.79	---	PASS
			30~1000	4.79	-62.22	≤ -15.21	PASS
			1000~26500	4.79	-47.23	≤ -15.21	PASS
		2480	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-61.17	≤ -15.51	PASS
			1000~26500	4.49	-47.14	≤ -15.51	PASS
3DH5	Ant1	2402	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-61.04	≤ -22.86	PASS
			1000~26500	-2.86	-46.58	≤ -22.86	PASS
		2441	Reference	4.90	4.90	---	PASS
			30~1000	4.90	-61.87	≤ -15.1	PASS
			1000~26500	4.90	-47.33	≤ -15.1	PASS
		2480	Reference	4.01	4.01	---	PASS
			30~1000	4.01	-61.66	≤ -15.99	PASS
			1000~26500	4.01	-47.11	≤ -15.99	PASS

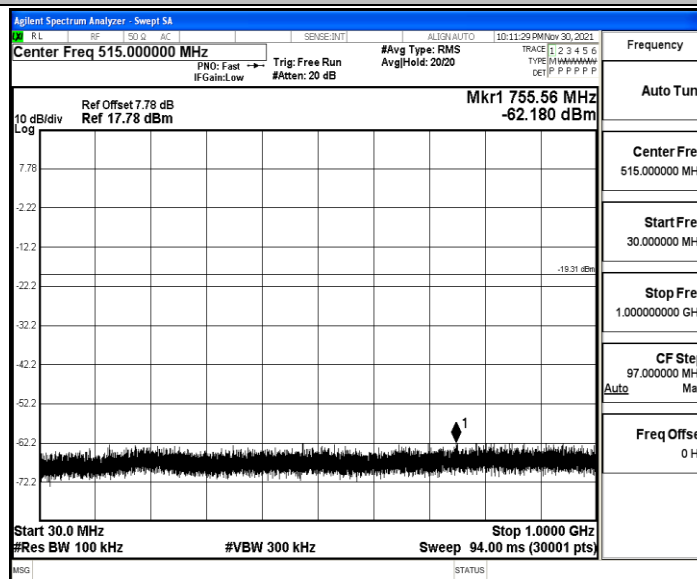


Test Graphs

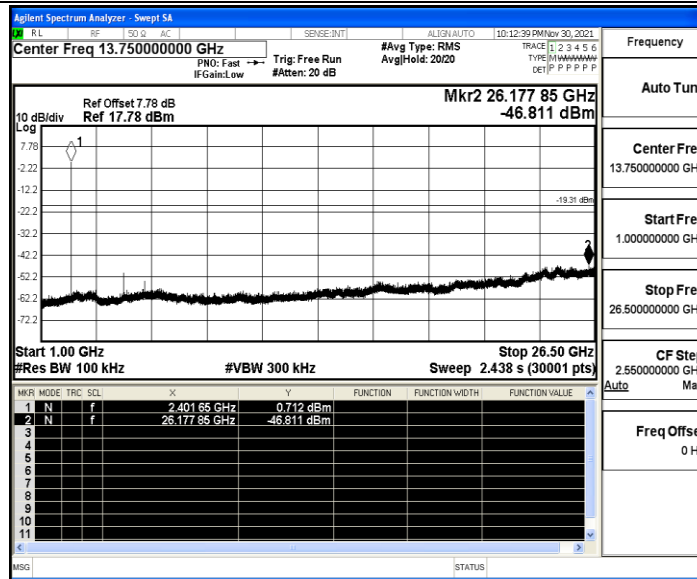
DH5_Ant1_2402_0~Reference



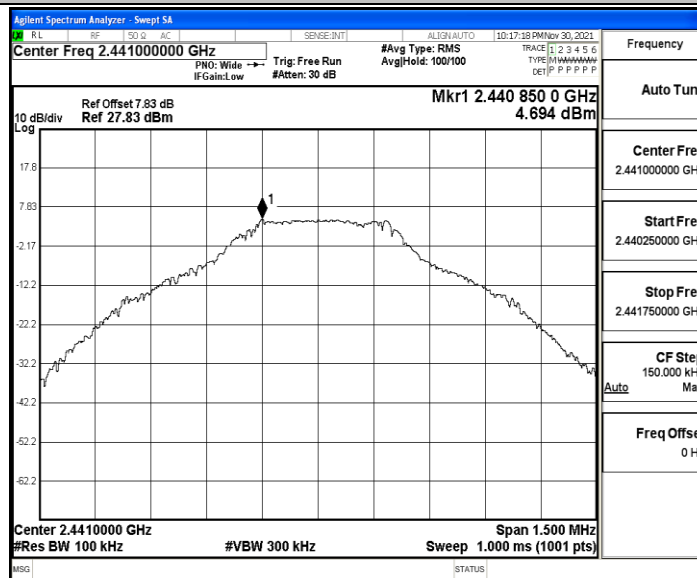
DH5_Ant1_2402_30~1000



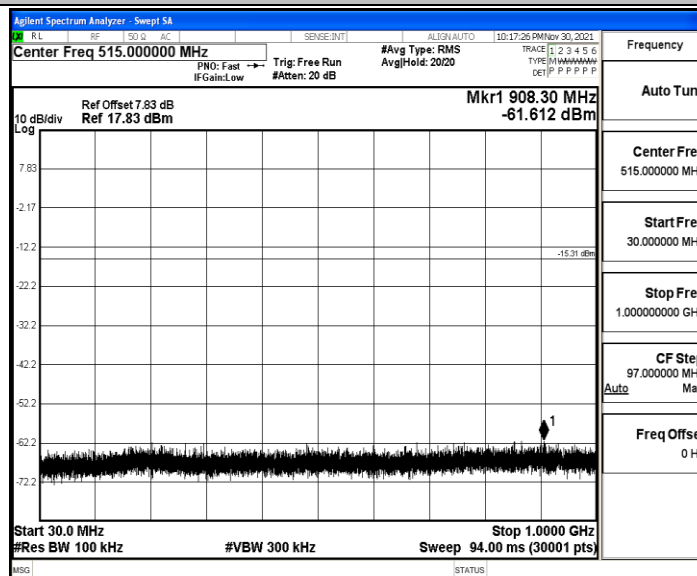
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

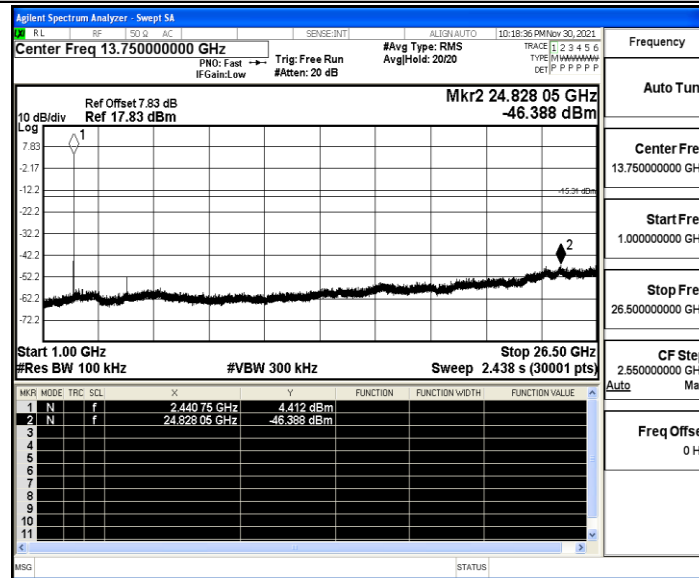


DH5_Ant1_2441_30~1000

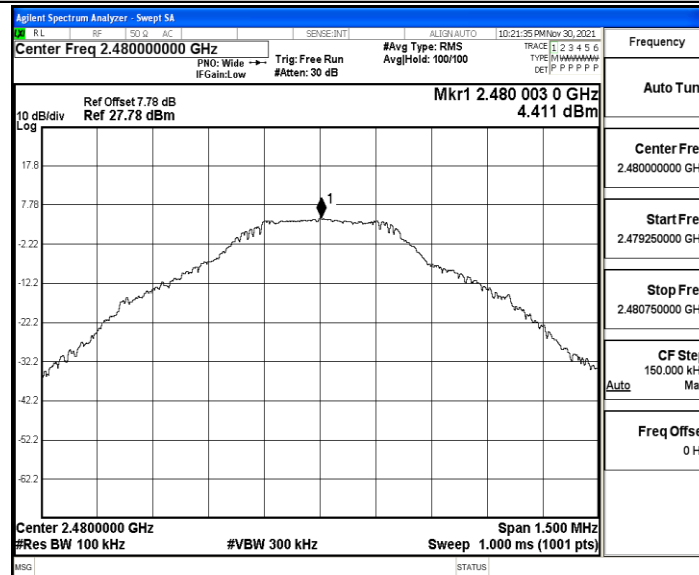




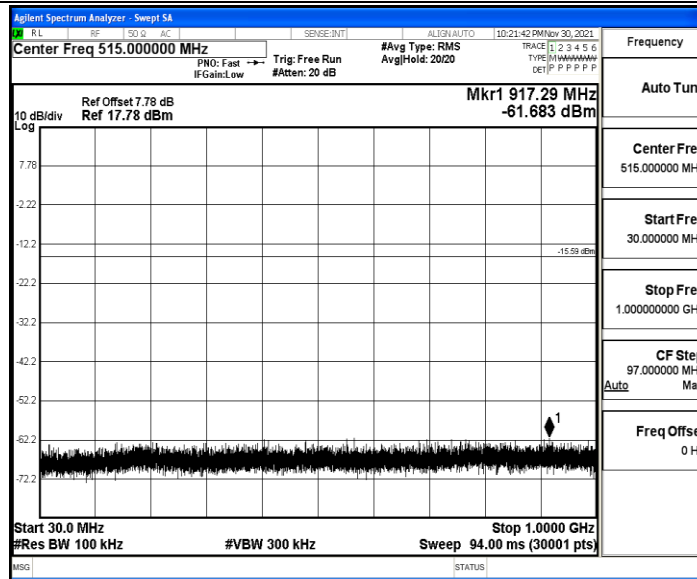
DH5_Ant1_2441_1000~26500



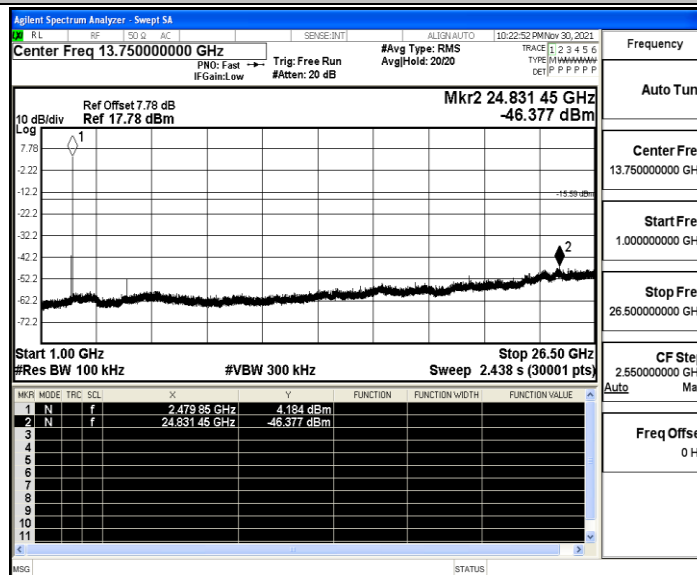
DH5_Ant1_2480_0~Reference



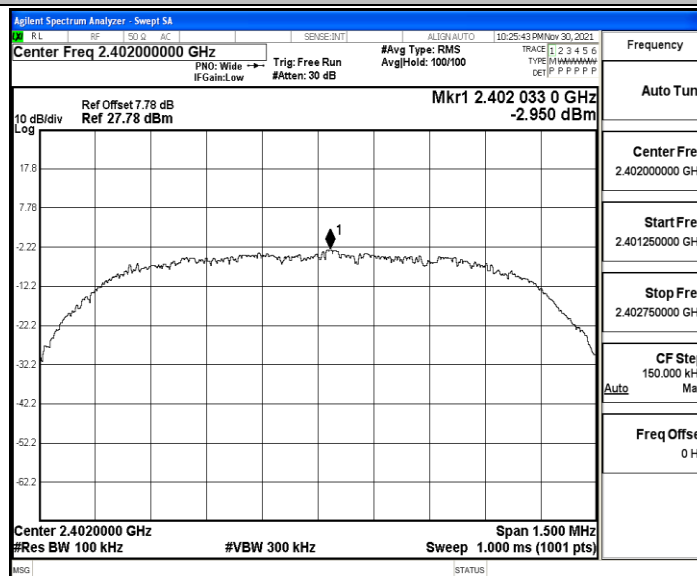
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

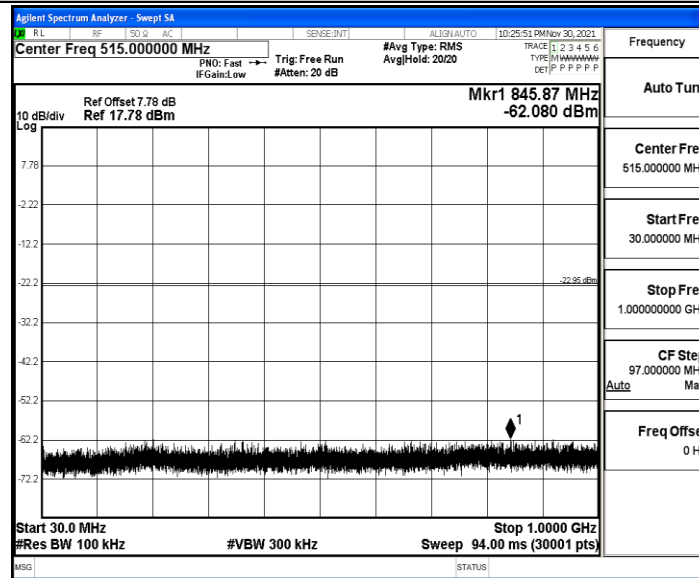


2DH5_Ant1_2402_0~Reference

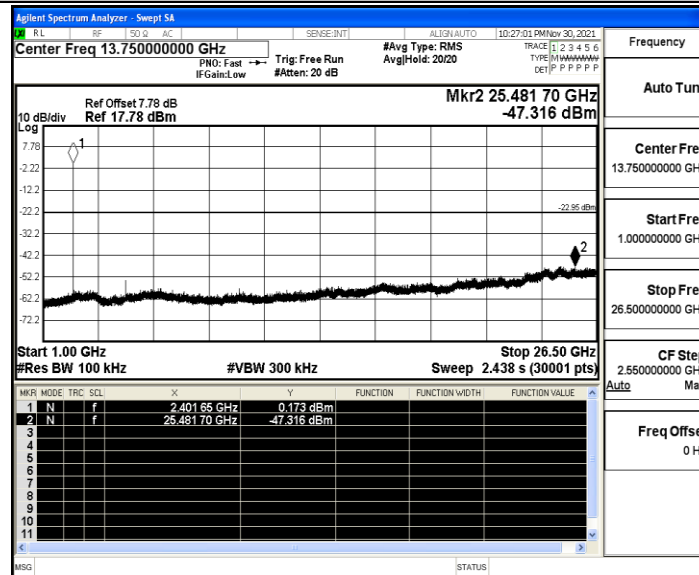




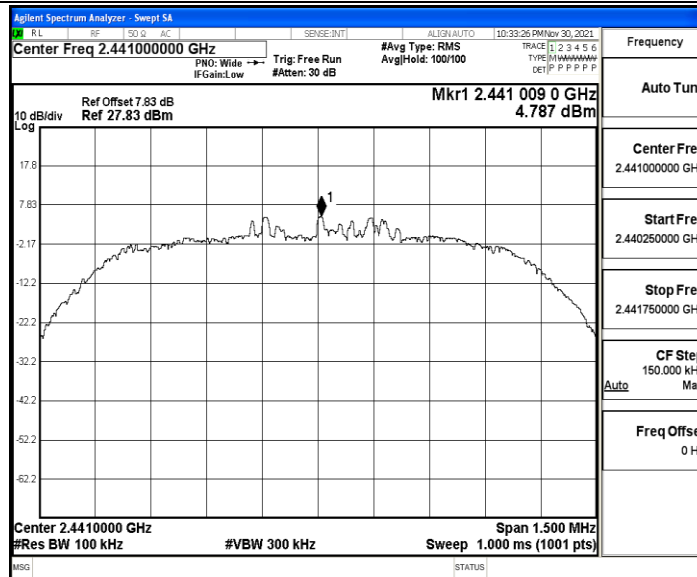
2DH5_Ant1_2402_30~1000



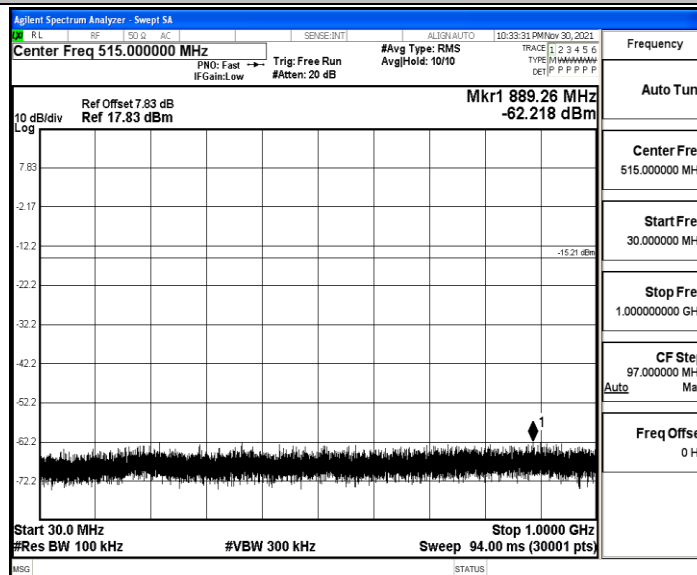
2DH5_Ant1_2402_1000~26500



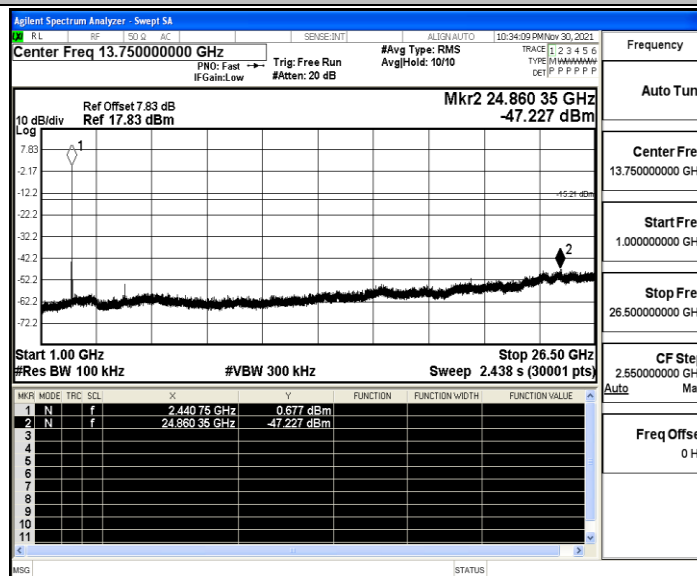
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

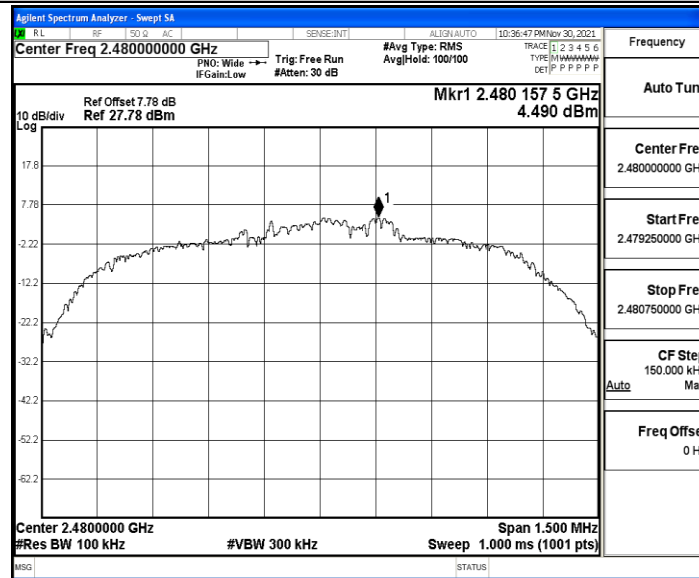


2DH5_Ant1_2441_1000~26500

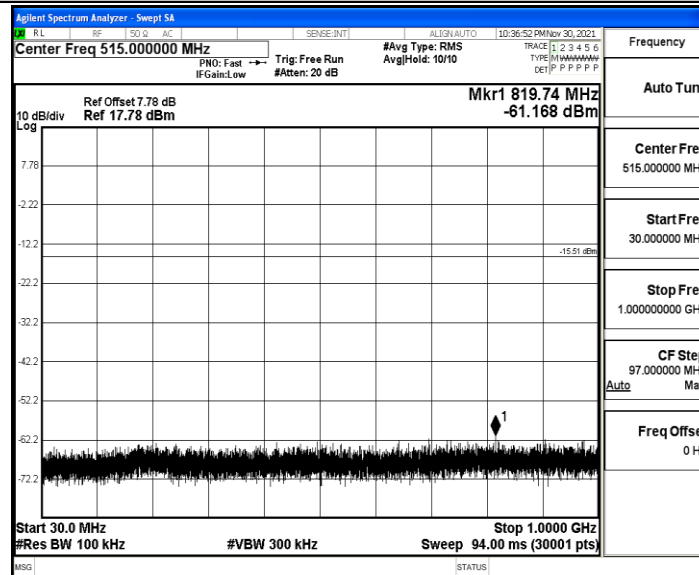




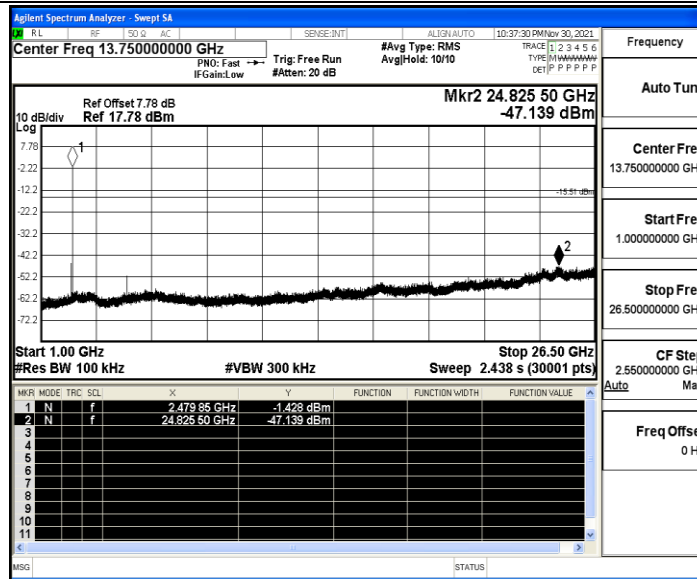
2DH5_Ant1_2480_0~Reference



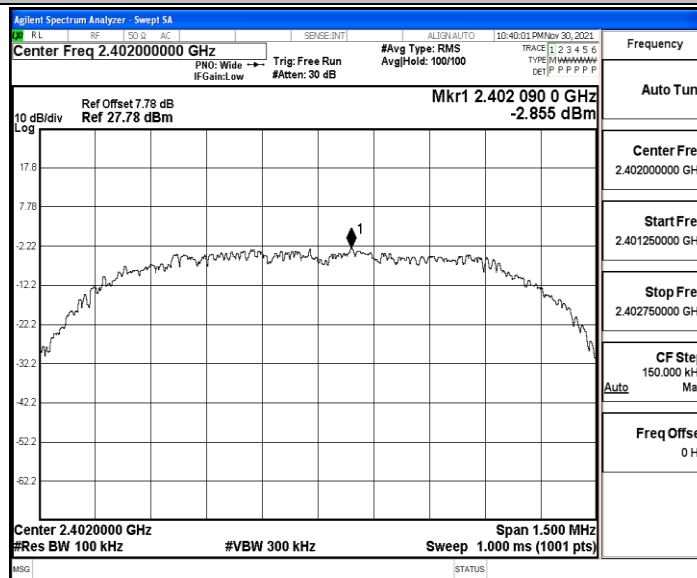
2DH5_Ant1_2480_30~1000



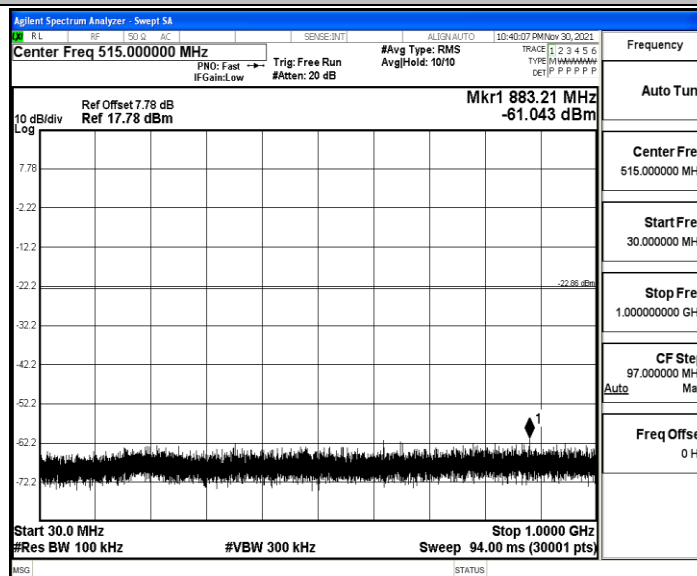
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

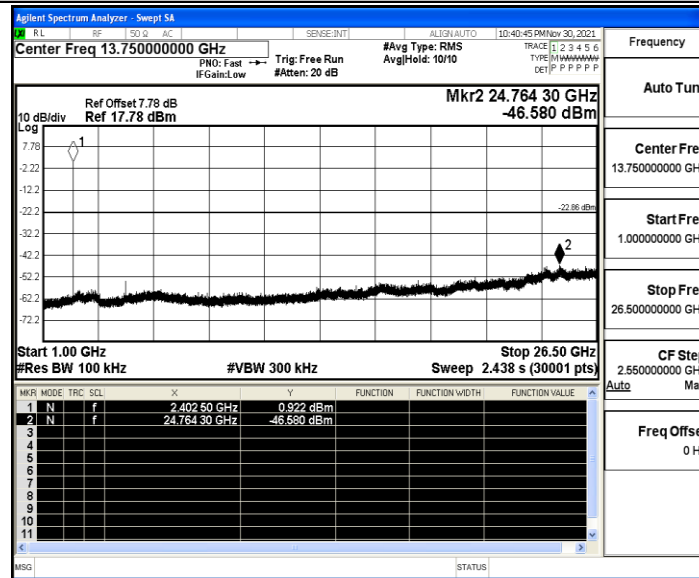


3DH5_Ant1_2402_30~1000

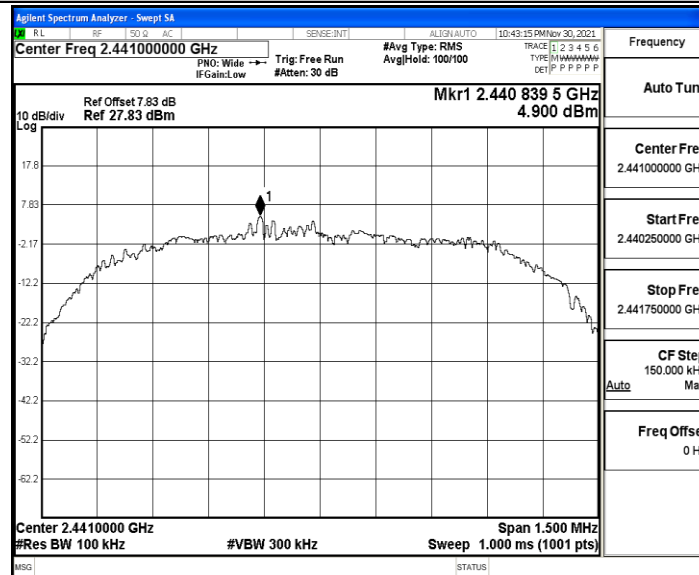




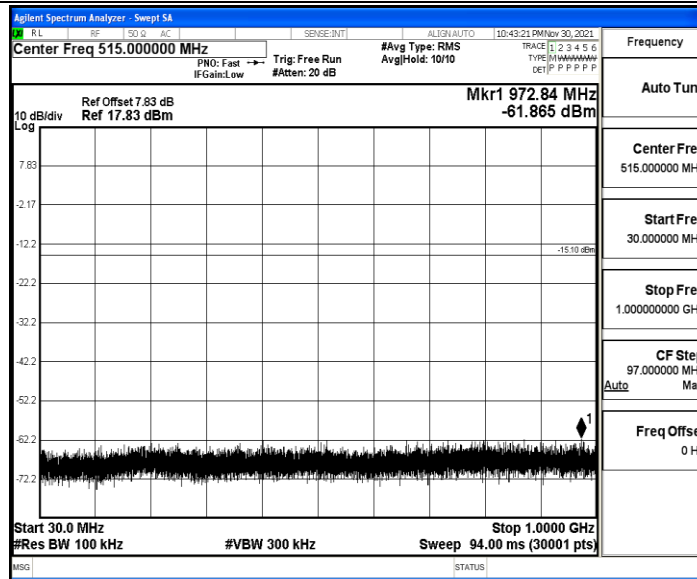
3DH5_Ant1_2402_1000~26500



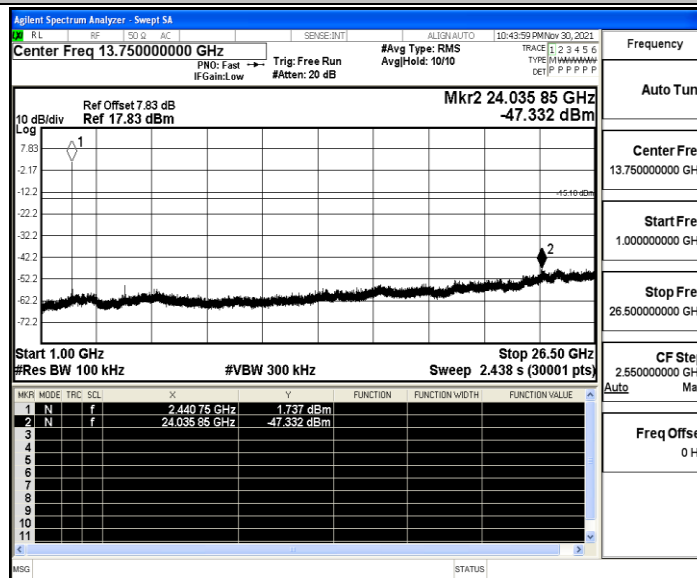
3DH5_Ant1_2441_0~Reference



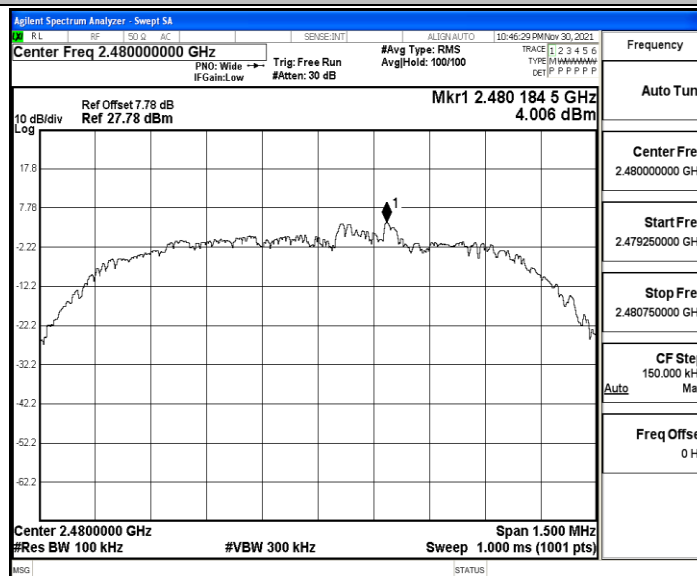
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

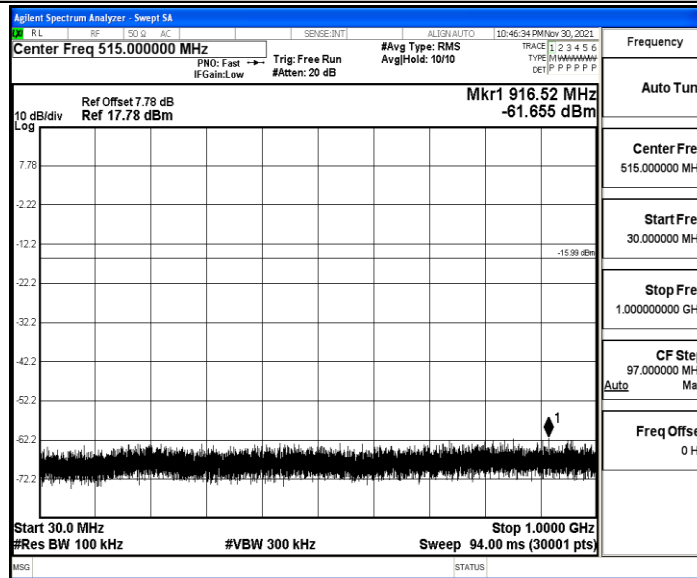


3DH5_Ant1_2480_0~Reference

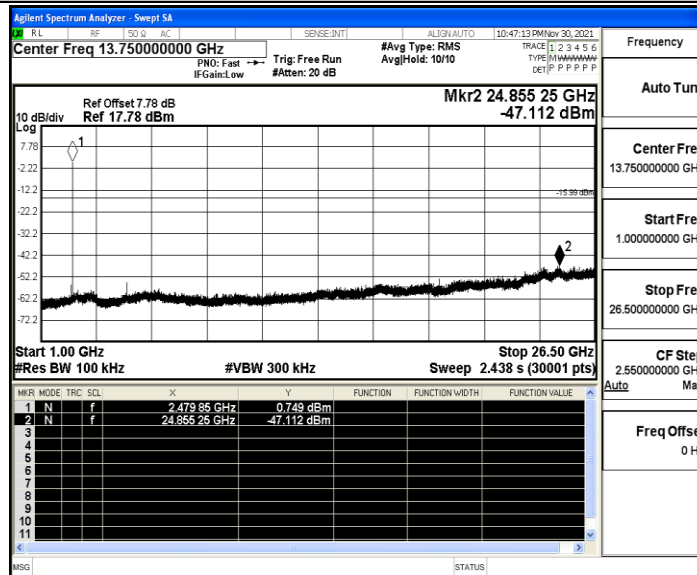




3DH5_Ant1_2480_30~1000



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	-49.01	≤-41.20	46.19	≤54	PASS
				AV	2383.370	-48.56	≤-41.20	46.64	≤54	PASS
				AV	2390.000	-48.75	≤-41.20	46.45	≤54	PASS
				Peak	2310.000	-43.84	≤-21.20	51.36	≤74	PASS
				Peak	2387.465	-39.34	≤-21.20	55.86	≤74	PASS
				Peak	2390.000	-41.95	≤-21.20	53.25	≤74	PASS
		High	2480	AV	2483.500	-47.76	≤-41.20	47.44	≤54	PASS
				AV	2483.520	-47.76	≤-41.20	47.44	≤54	PASS
				AV	2500.000	-48.11	≤-41.20	47.09	≤54	PASS
				Peak	2483.500	-42.12	≤-21.20	53.08	≤74	PASS
				Peak	2499.120	-39.16	≤-21.20	56.04	≤74	PASS
				Peak	2500.000	-42.01	≤-21.20	53.19	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.21	≤-41.20	45.99	≤54	PASS
				AV	2386.625	-48.61	≤-41.20	46.59	≤54	PASS
				AV	2390.000	-48.76	≤-41.20	46.44	≤54	PASS
				Peak	2310.000	-42.36	≤-21.20	52.84	≤74	PASS
				Peak	2360.585	-39.19	≤-21.20	56.01	≤74	PASS
				Peak	2390.000	-43.54	≤-21.20	51.66	≤74	PASS
		High	2480	AV	2483.500	-47.22	≤-41.20	47.98	≤54	PASS
				AV	2483.520	-47.22	≤-41.20	47.98	≤54	PASS
				AV	2500.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2483.500	-43.69	≤-21.20	51.51	≤74	PASS
				Peak	2495.840	-39.87	≤-21.20	55.33	≤74	PASS
				Peak	2500.000	-43.73	≤-21.20	51.47	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-49.23	≤-41.20	45.97	≤54	PASS
				AV	2389.775	-48.65	≤-41.20	46.55	≤54	PASS
				AV	2390.000	-48.72	≤-41.20	46.48	≤54	PASS
				Peak	2310.000	-43.99	≤-21.20	51.21	≤74	PASS
				Peak	2355.650	-38.03	≤-21.20	57.17	≤74	PASS
				Peak	2390.000	-42.12	≤-21.20	53.08	≤74	PASS
		High	2480	AV	2483.500	-47.16	≤-41.20	48.04	≤54	PASS
				AV	2483.520	-47.16	≤-41.20	48.04	≤54	PASS
				AV	2500.000	-48.18	≤-41.20	47.02	≤54	PASS
				Peak	2483.500	-42.41	≤-21.20	52.79	≤74	PASS
				Peak	2484.640	-38.35	≤-21.20	56.85	≤74	PASS
				Peak	2500.000	-44.9	≤-21.20	50.30	≤74	PASS



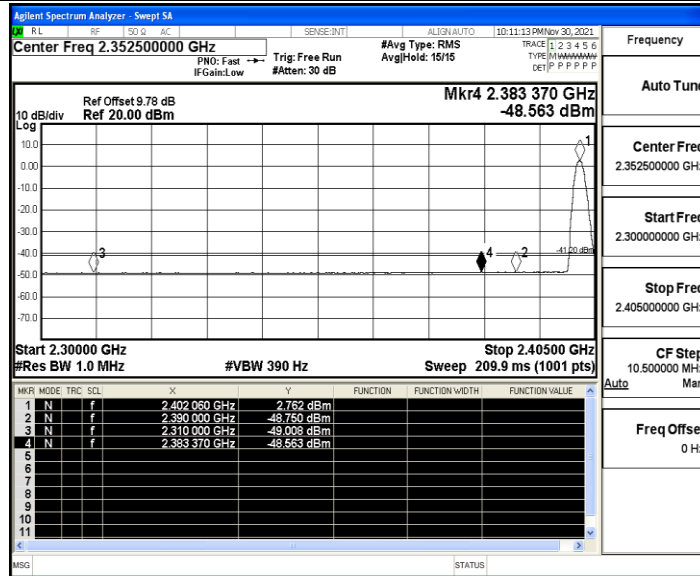
Note:

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.

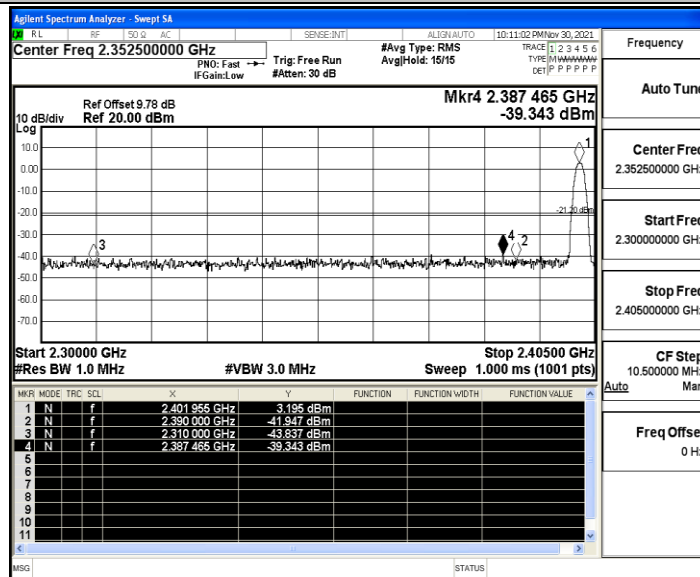


Test Graphs

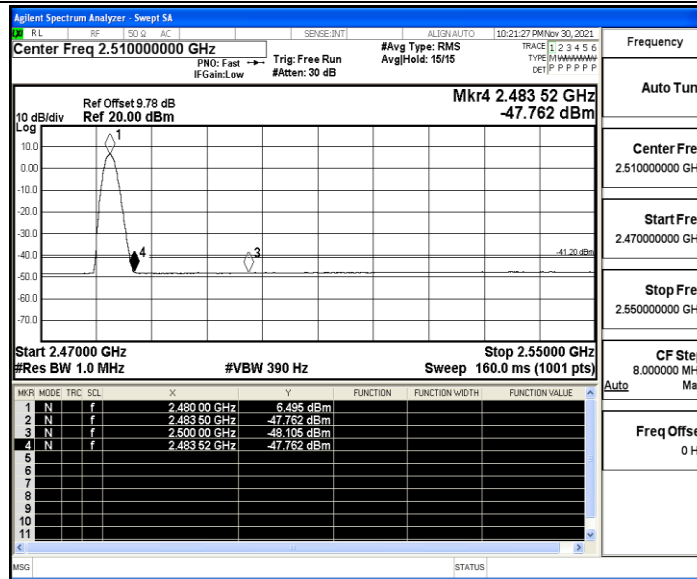
DH5_Ant1_Low_2402_AV



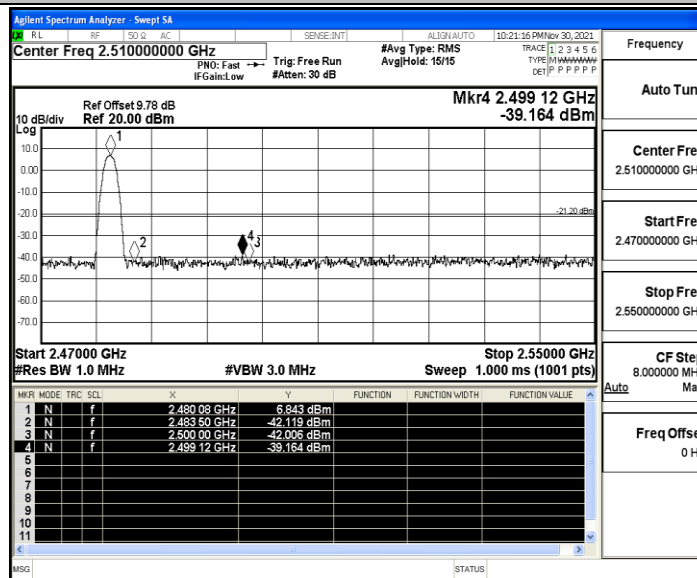
DH5_Ant1_Low_2402_Peak



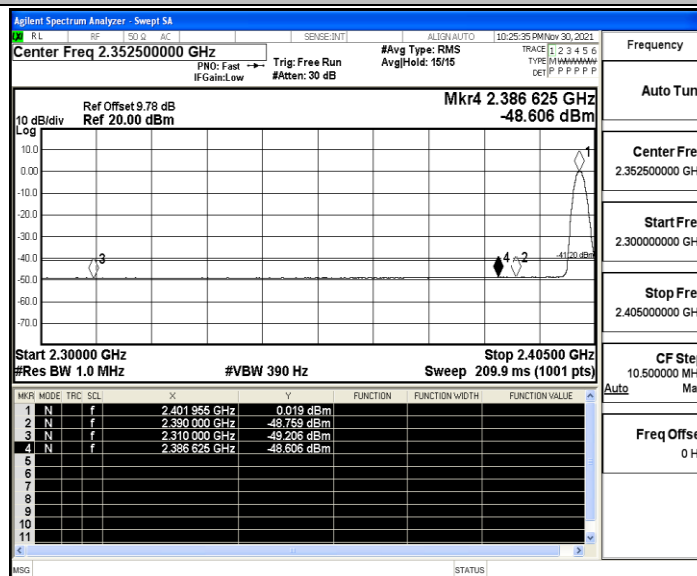
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

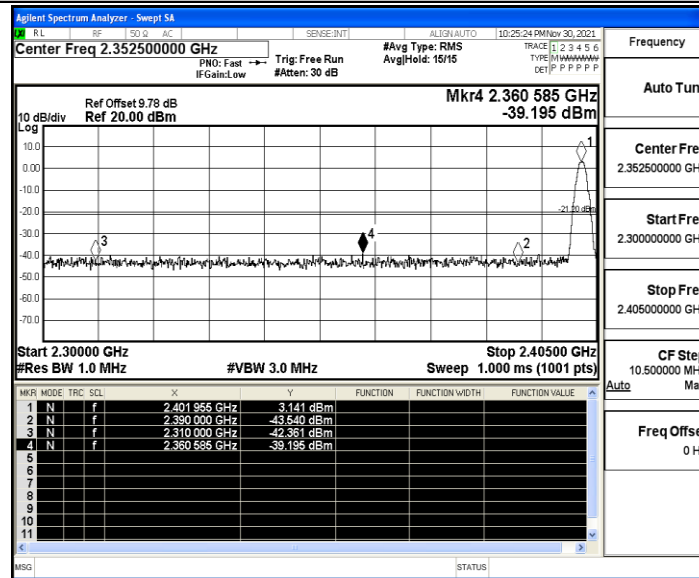


2DH5_Ant1_Low_2402_AV

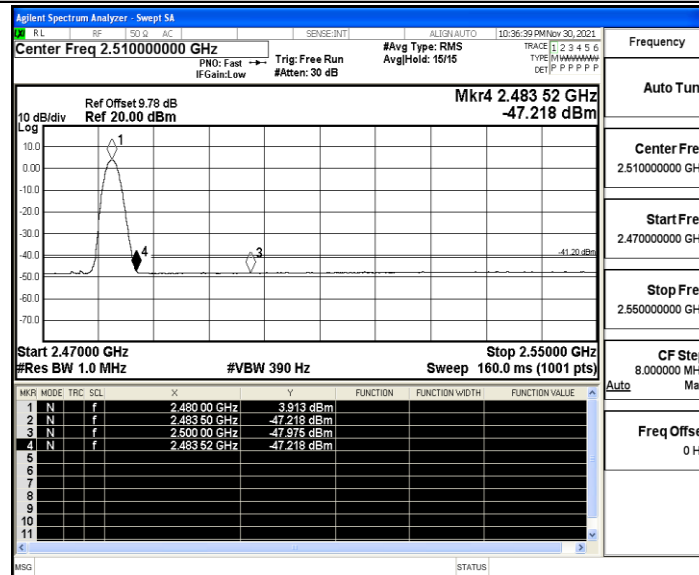




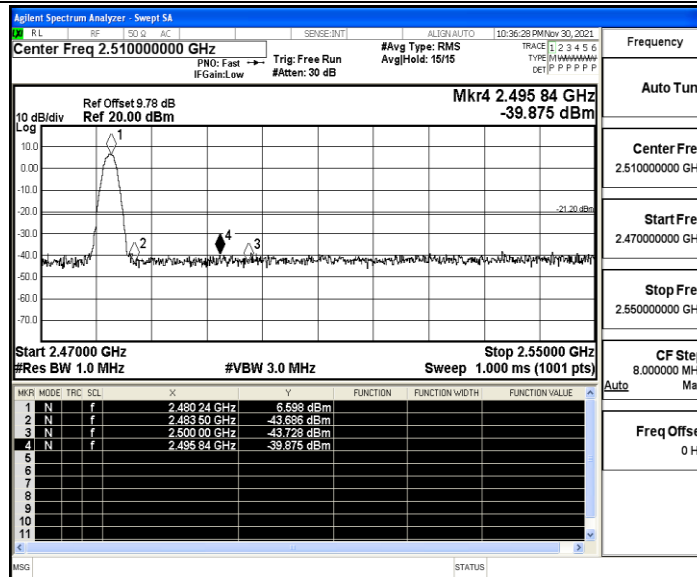
2DH5_Ant1_Low_2402_Peak



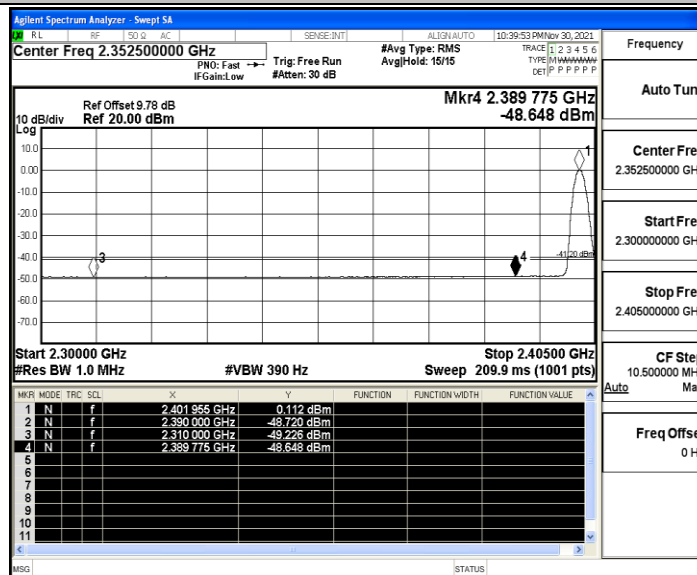
2DH5_Ant1_High_2480_AV



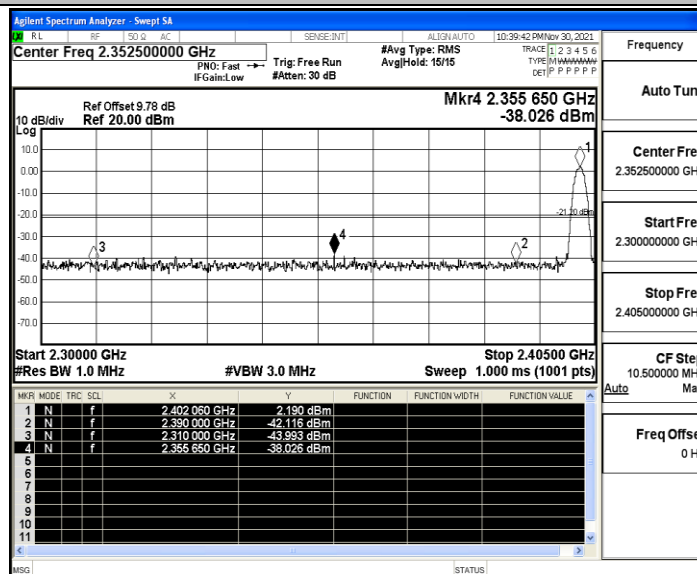
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

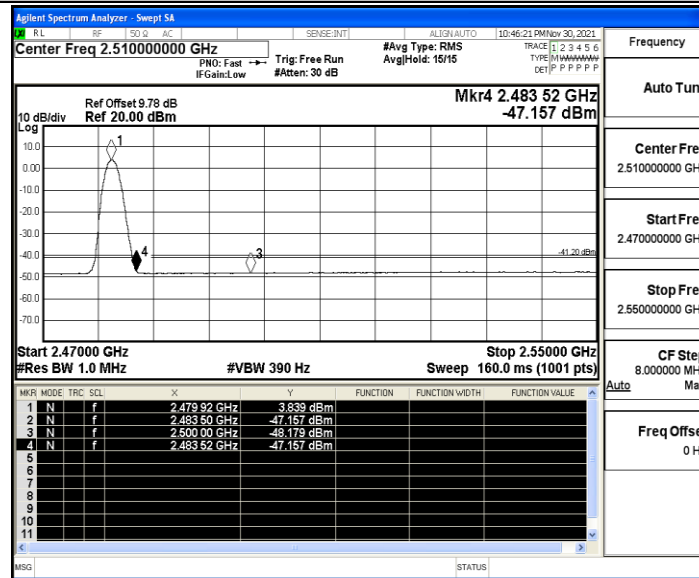


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

