



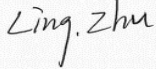

Appendix A

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

Product Name: Tablet

Test Model: 10LA1

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

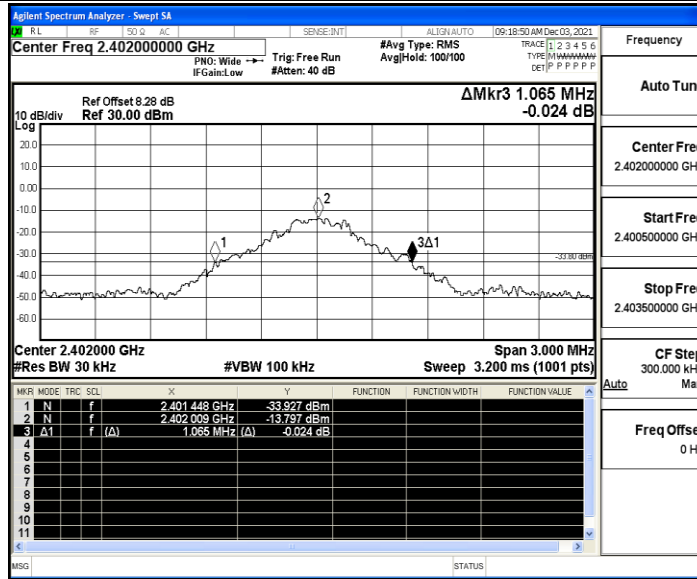
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.065	2401.448	2402.513	---	PASS
		2441	1.041	2440.457	2441.498	---	PASS
		2480	1.056	2479.454	2480.510	---	PASS
2DH5	Ant1	2402	1.323	2401.334	2402.657	---	PASS
		2441	1.320	2440.334	2441.654	---	PASS
		2480	1.314	2479.331	2480.645	---	PASS
3DH5	Ant1	2402	1.320	2401.337	2402.657	---	PASS
		2441	1.314	2440.337	2441.651	---	PASS
		2480	1.329	2479.331	2480.660	---	PASS

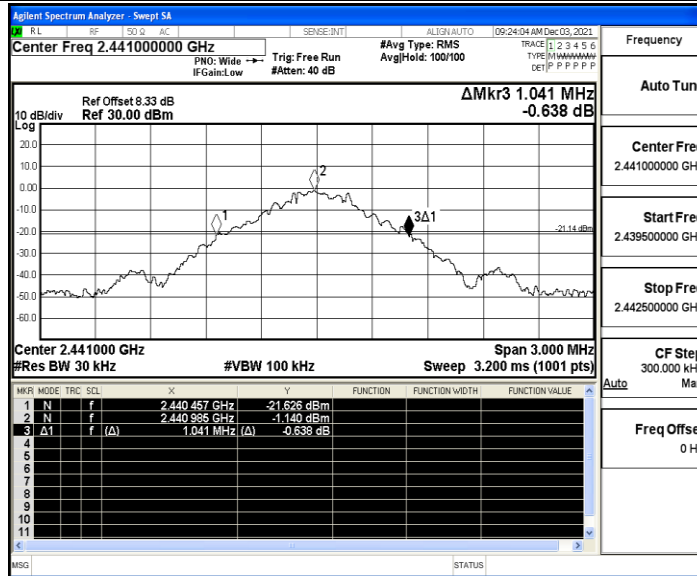


Test Graphs

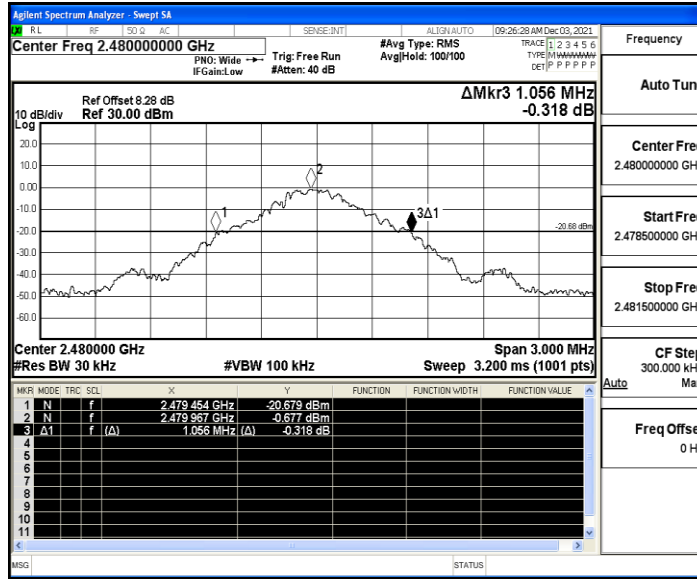
DH5_Ant1_2402



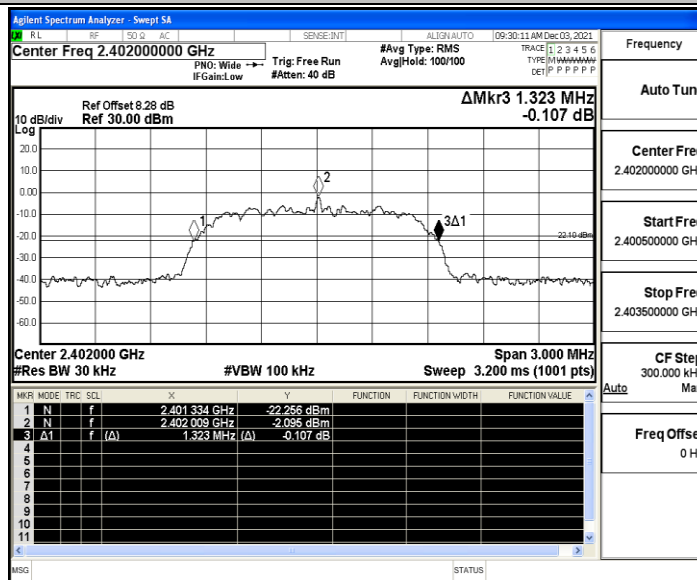
DH5_Ant1_2441



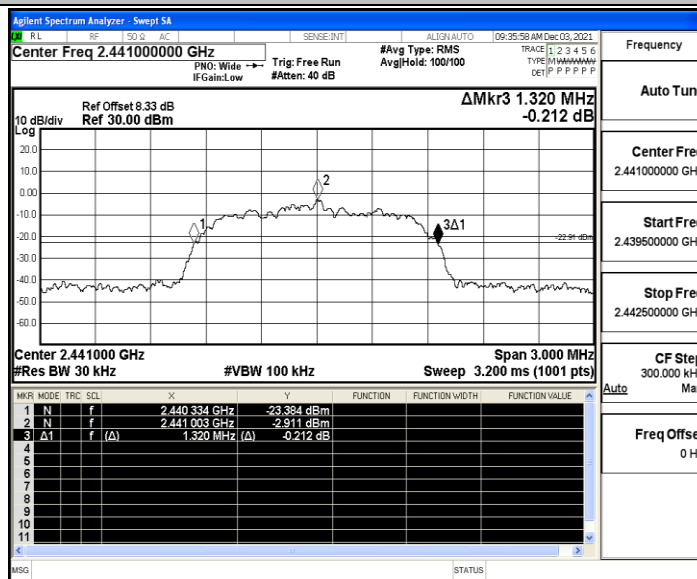
DH5_Ant1_2480



2DH5_Ant1_2402

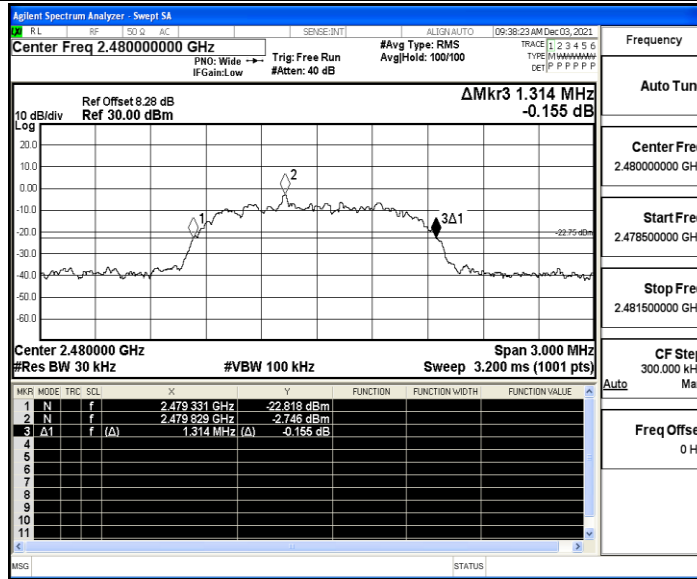


2DH5_Ant1_2441

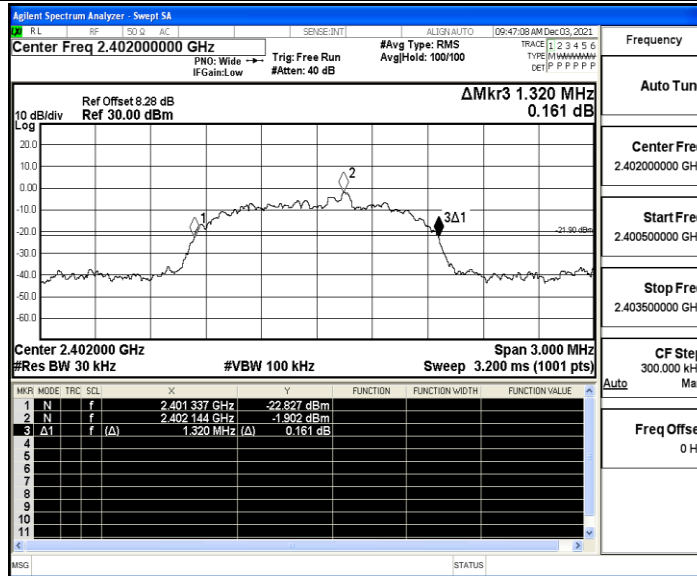




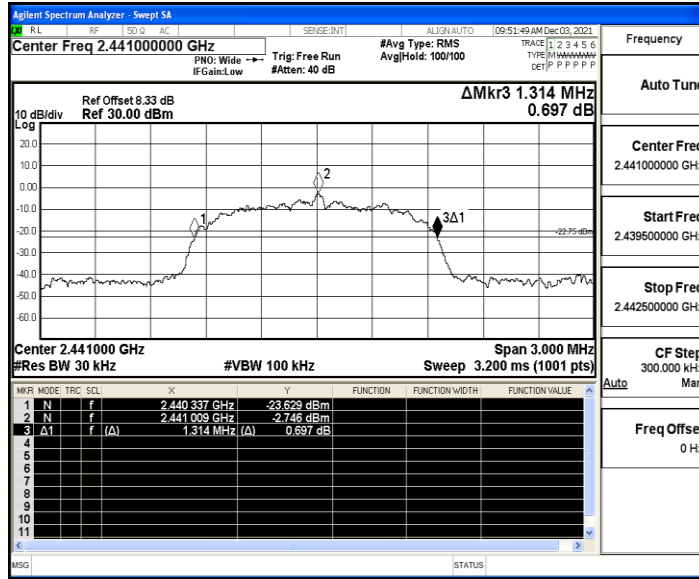
2DH5_Ant1_2480



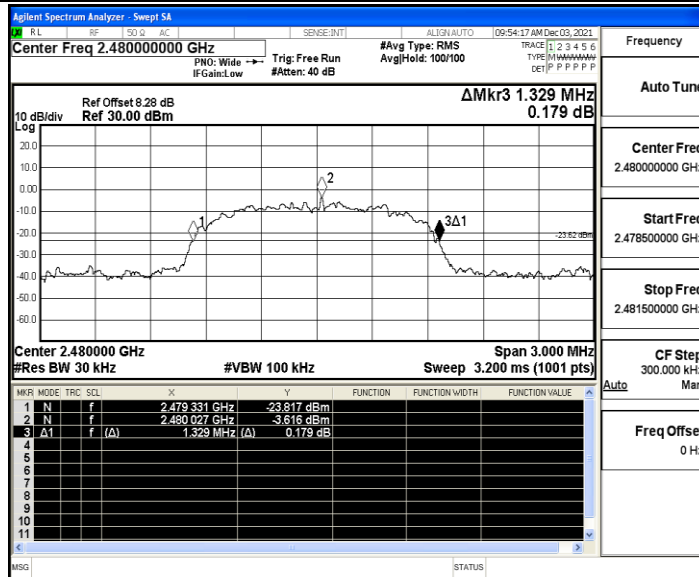
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

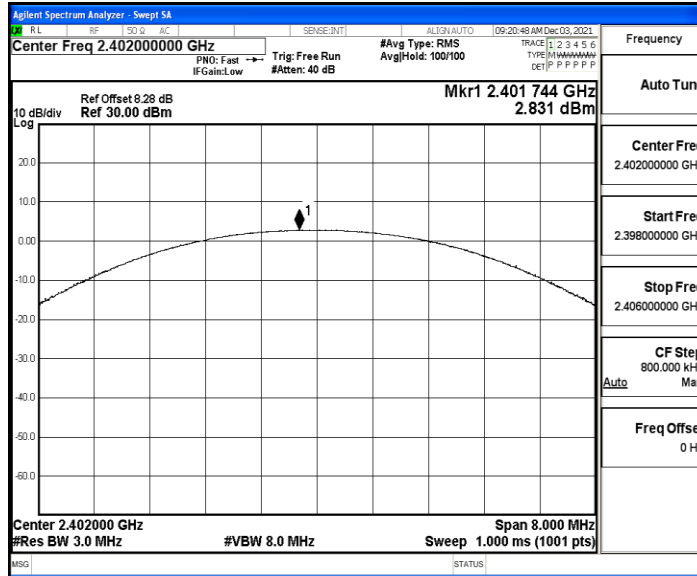
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	2.83	≤ 20.97	PASS
		2441	2.46	≤ 20.97	PASS
		2480	2.52	≤ 20.97	PASS
2DH5	Ant1	2402	2.86	≤ 20.97	PASS
		2441	2.25	≤ 20.97	PASS
		2480	2.52	≤ 20.97	PASS
3DH5	Ant1	2402	2.67	≤ 20.97	PASS
		2441	2.16	≤ 20.97	PASS
		2480	2.48	≤ 20.97	PASS

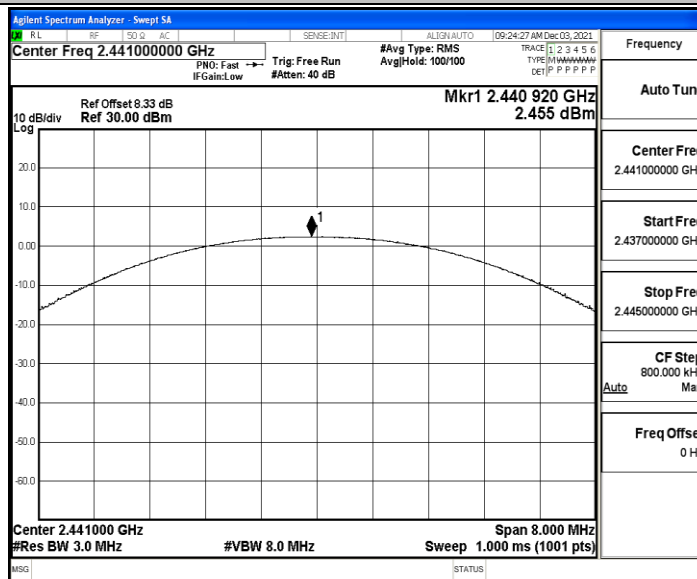


Test Graphs

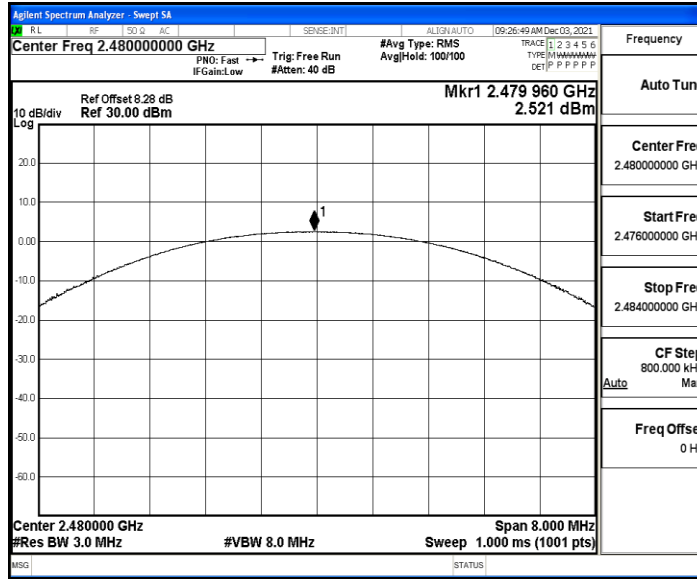
DH5_Ant1_2402



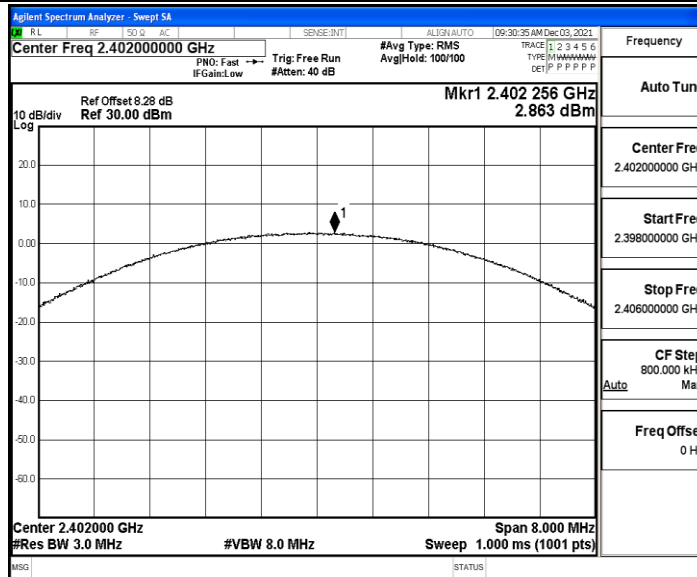
DH5_Ant1_2441



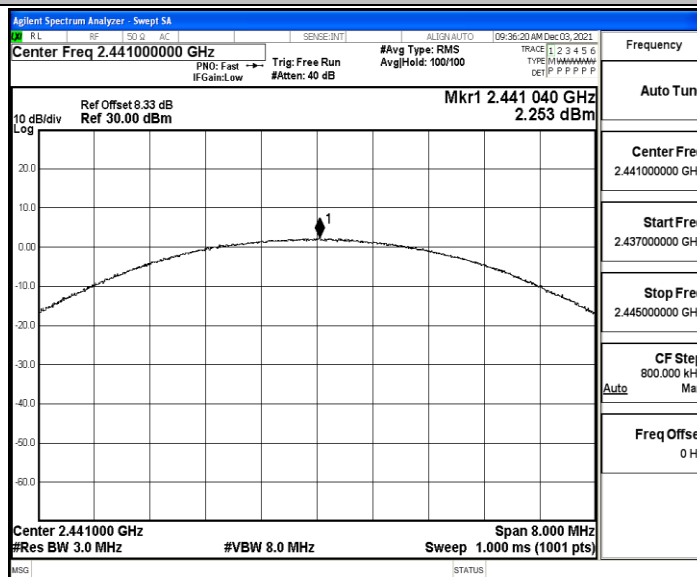
DH5_Ant1_2480



2DH5_Ant1_2402

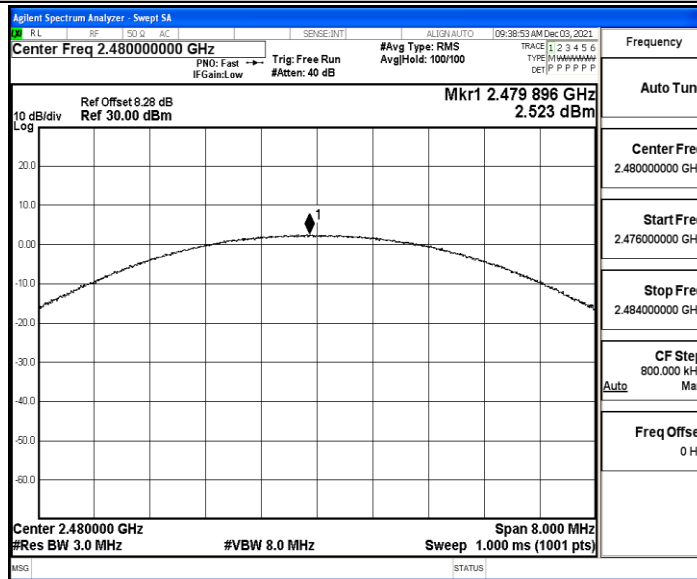


2DH5_Ant1_2441

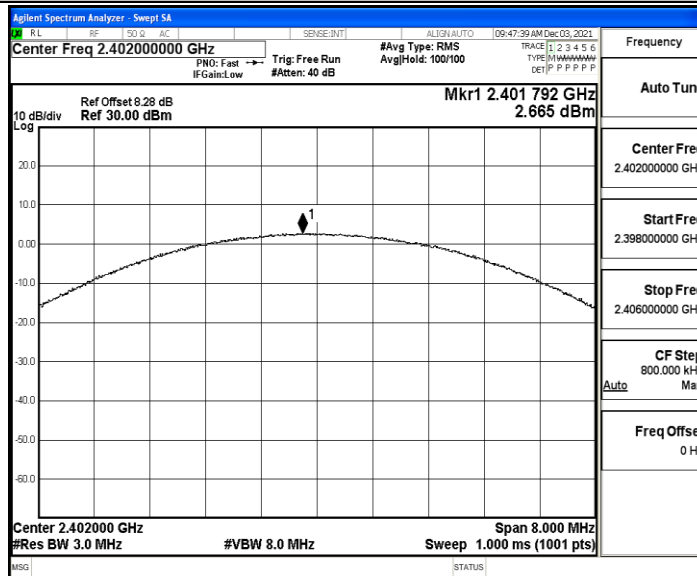




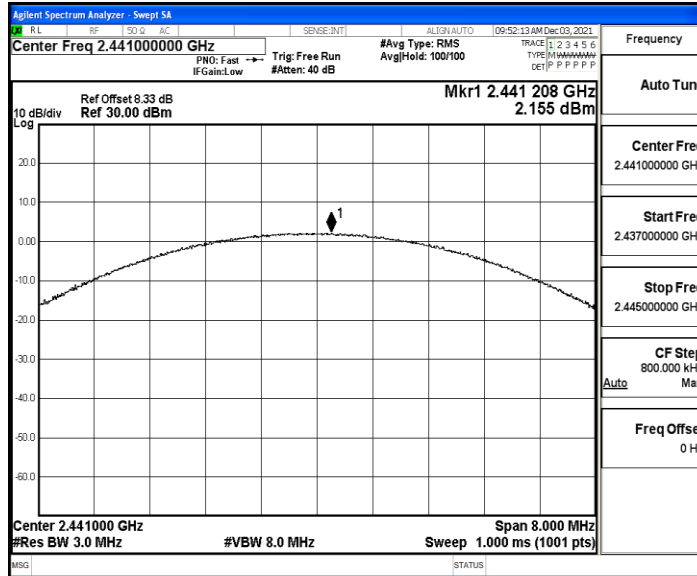
2DH5_Ant1_2480



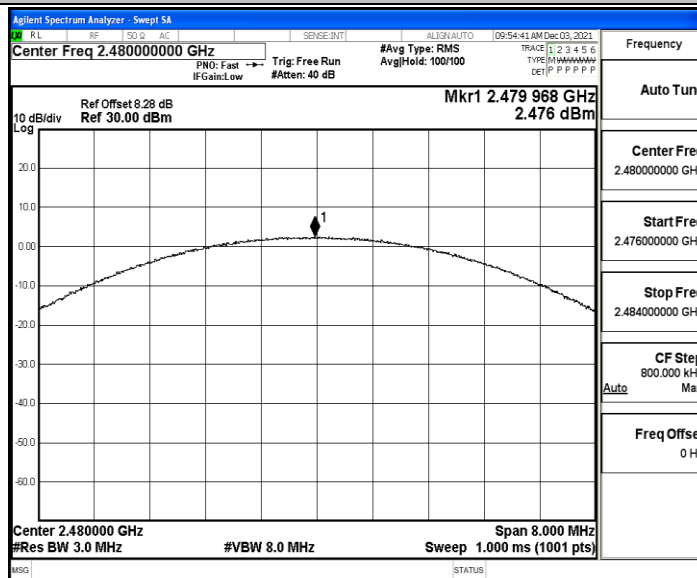
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

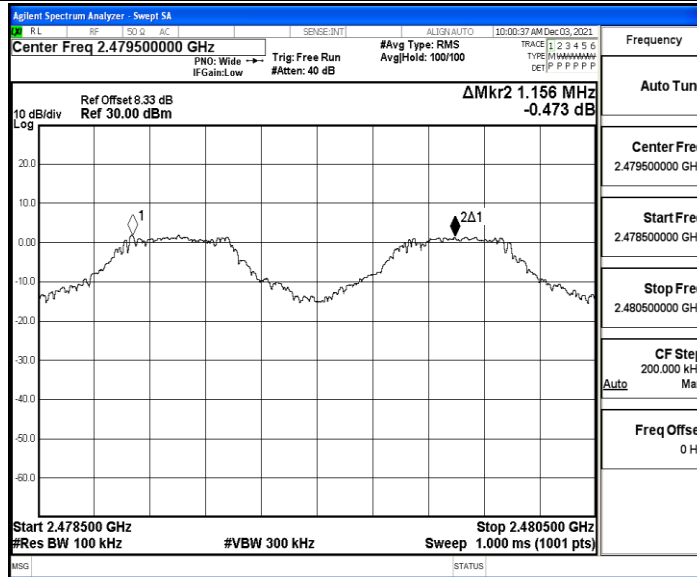
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.156	≥ 0.710	PASS
2DH5	Ant1	Hop	1.004	≥ 0.882	PASS
3DH5	Ant1	Hop	1.044	≥ 0.886	PASS

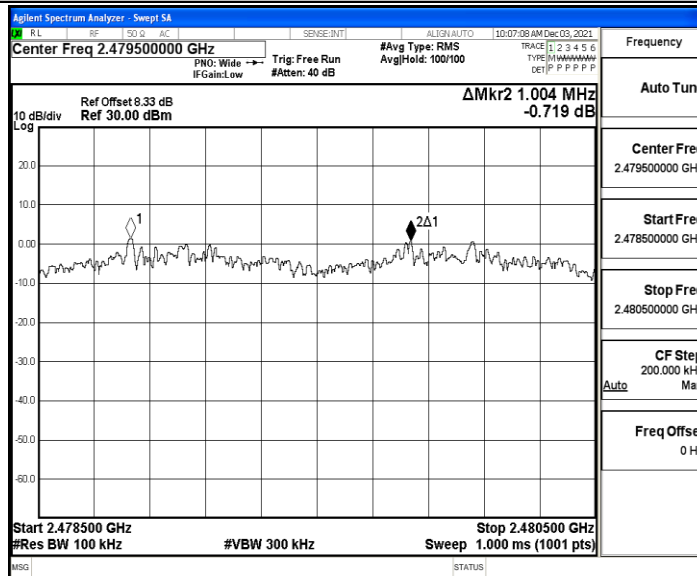


Test Graphs

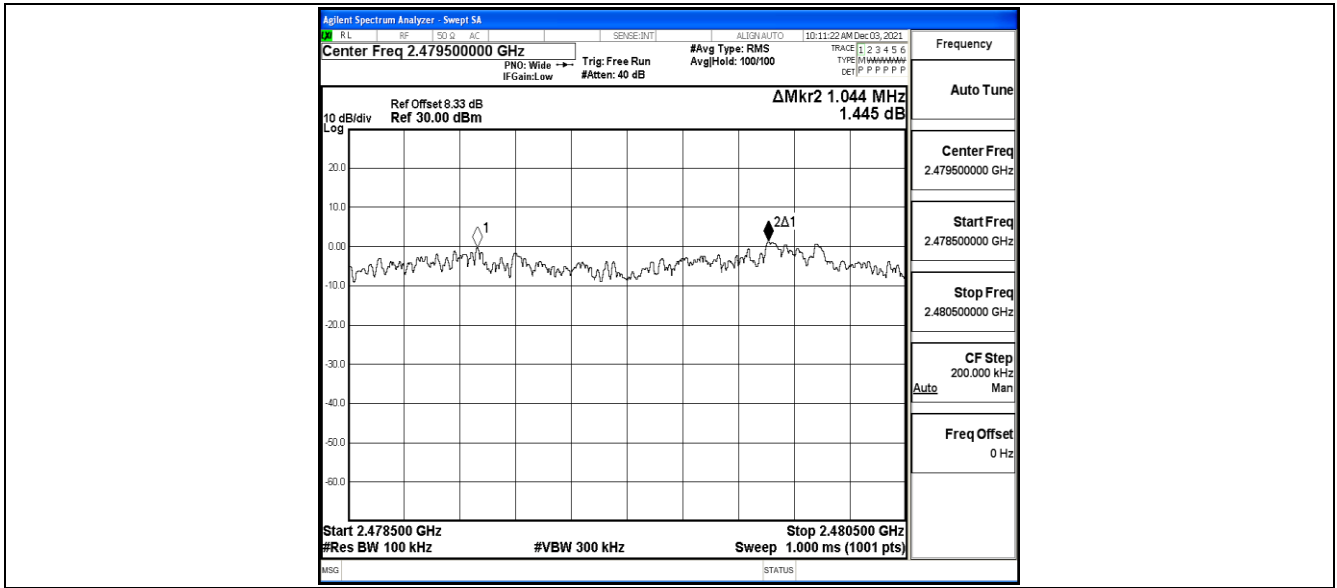
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





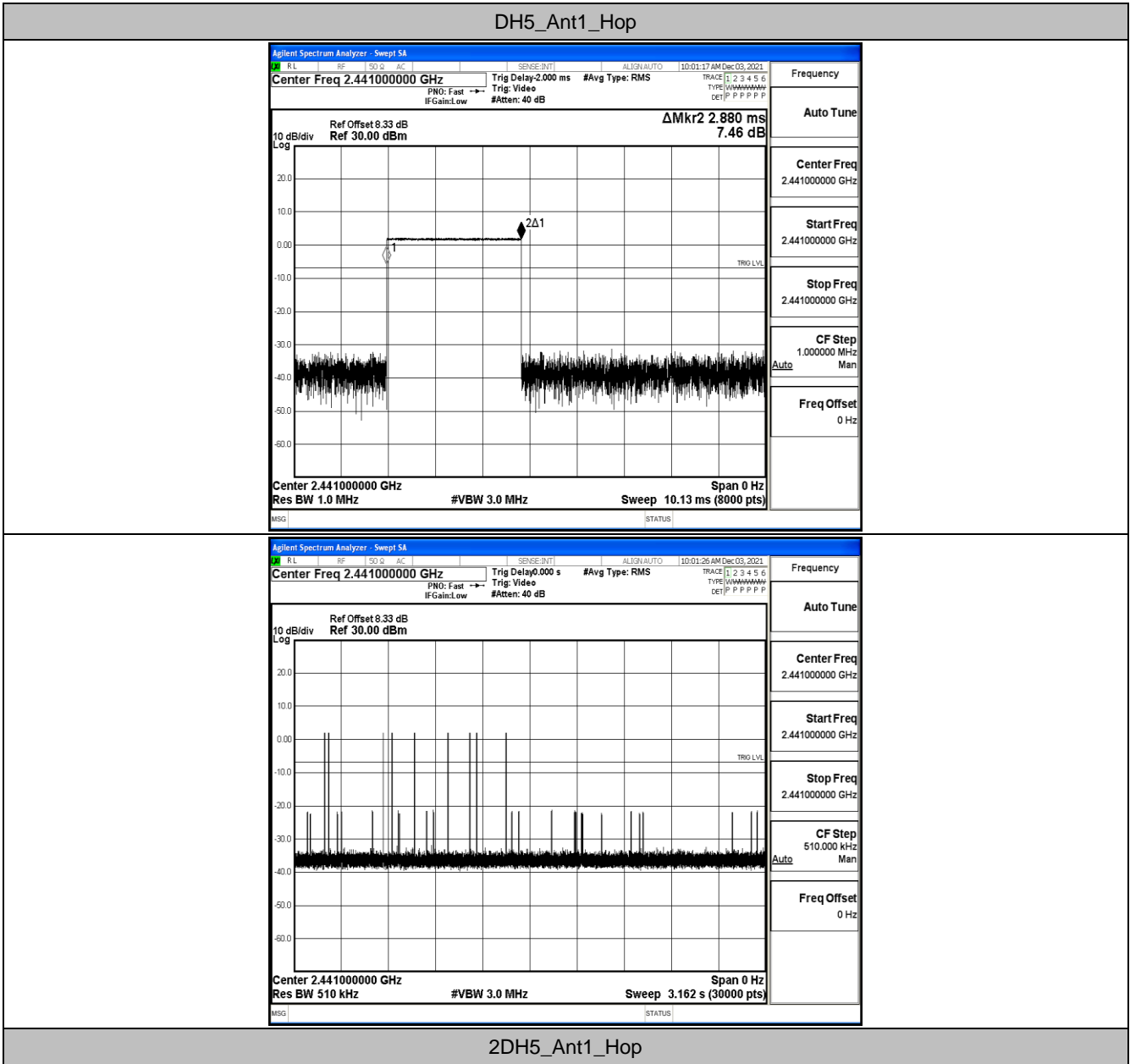
A.4 Time of occupancy

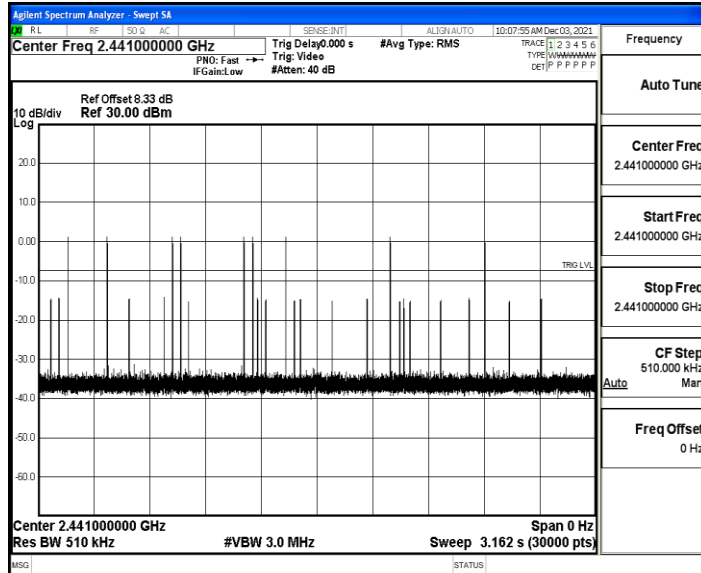
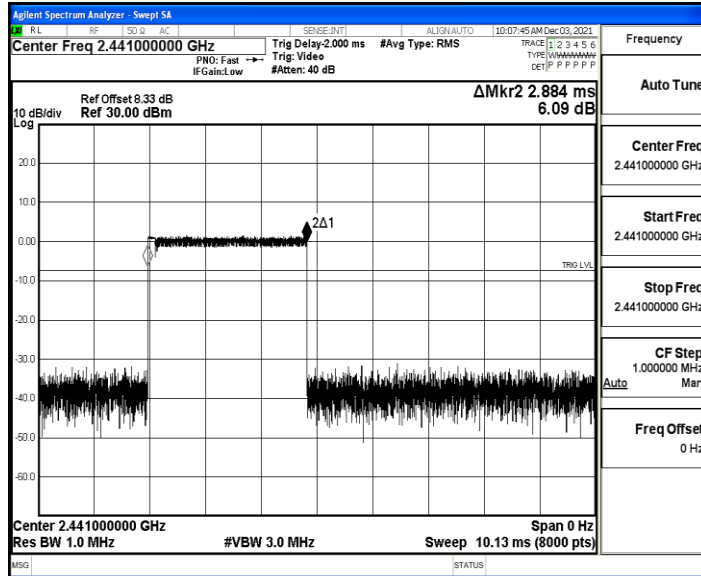
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.88	100	0.288	≤0.4	PASS
3DH5	Ant1	Hop	2.89	101	0.292	≤0.4	PASS

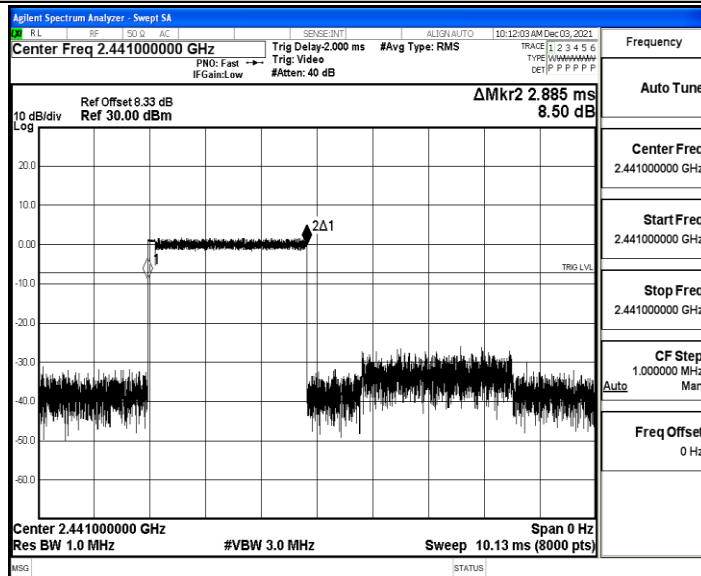


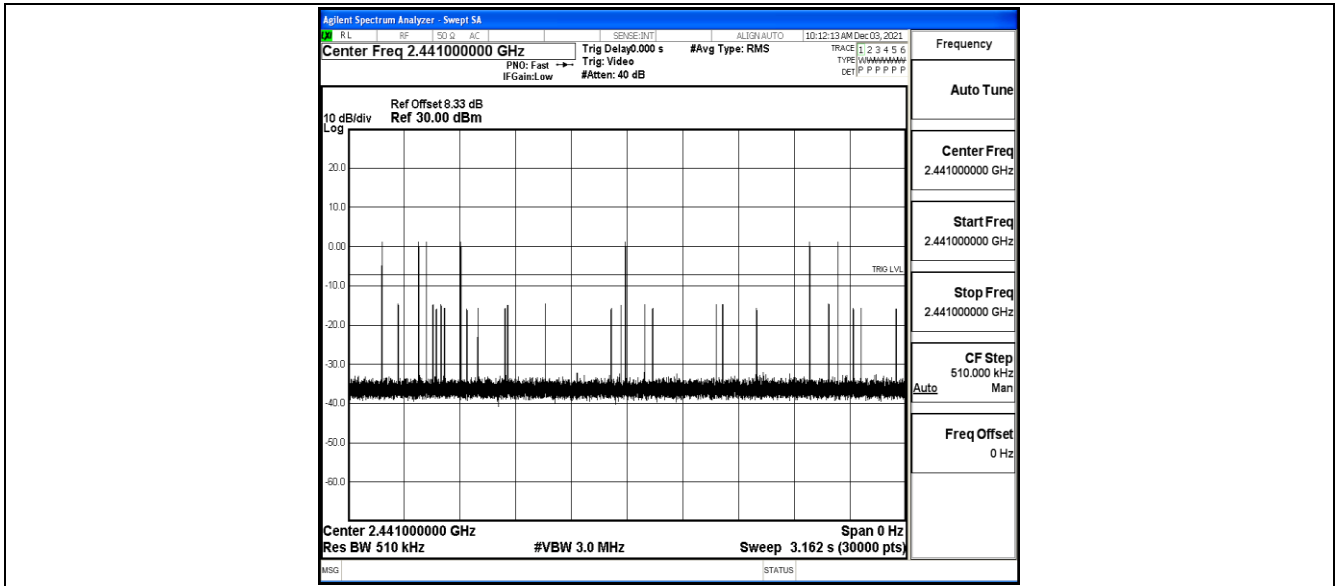
Test Graphs





3DH5_Ant1_Hop







A.5 Number of hopping channels

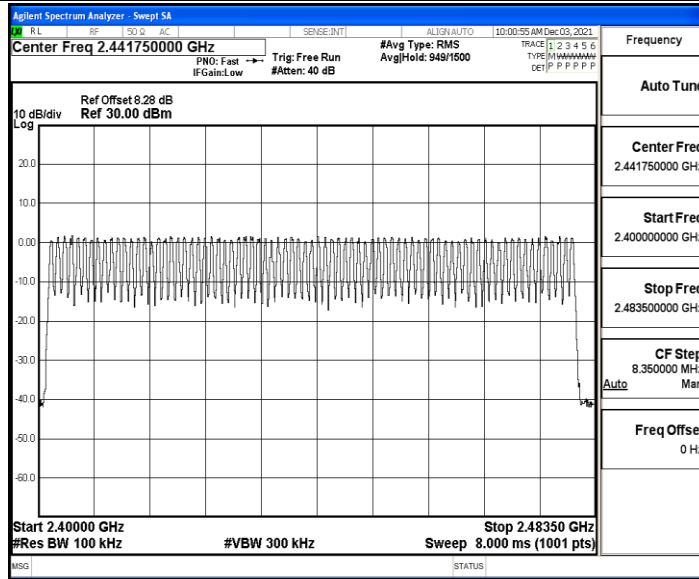
Test Result

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

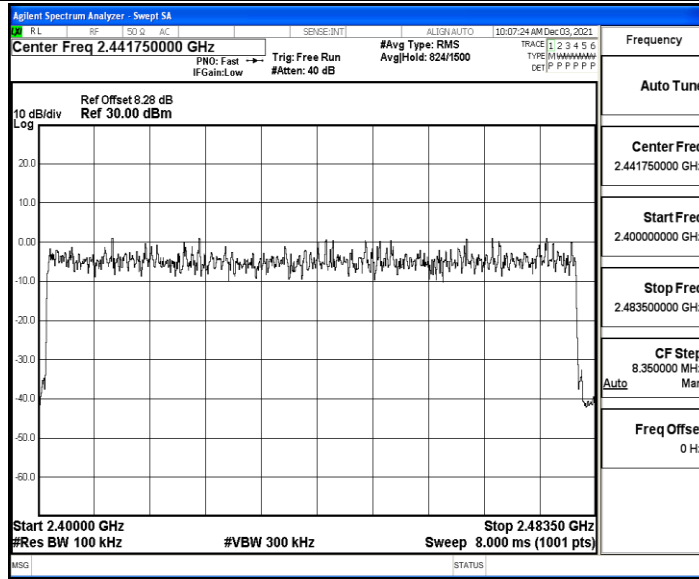


Test Graphs

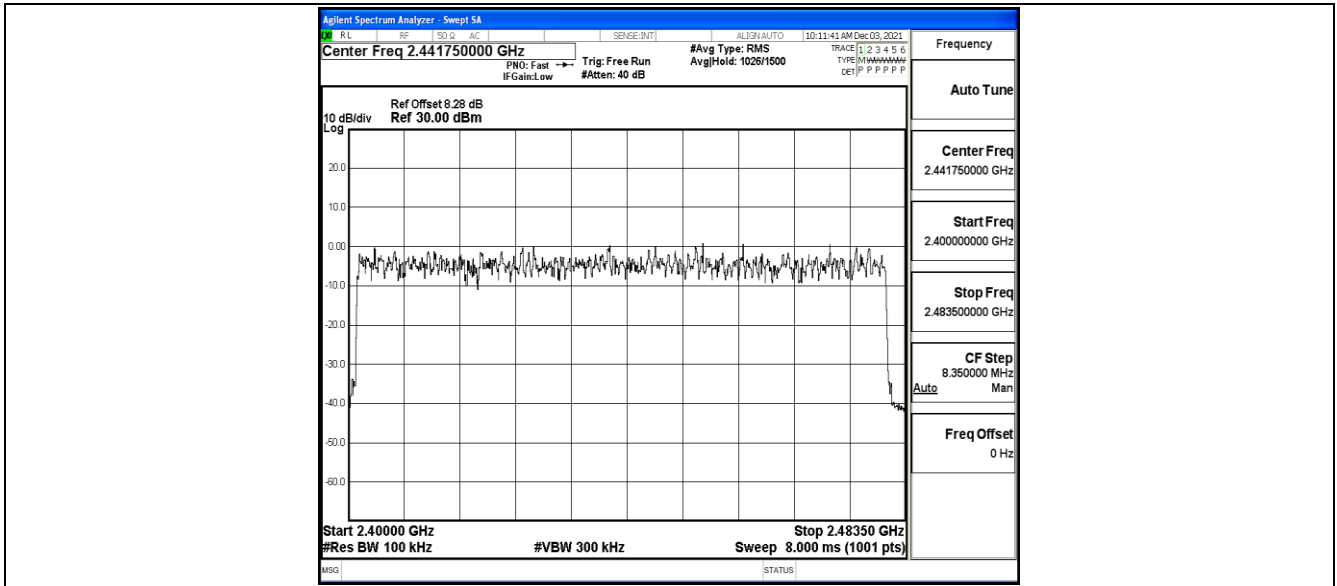
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

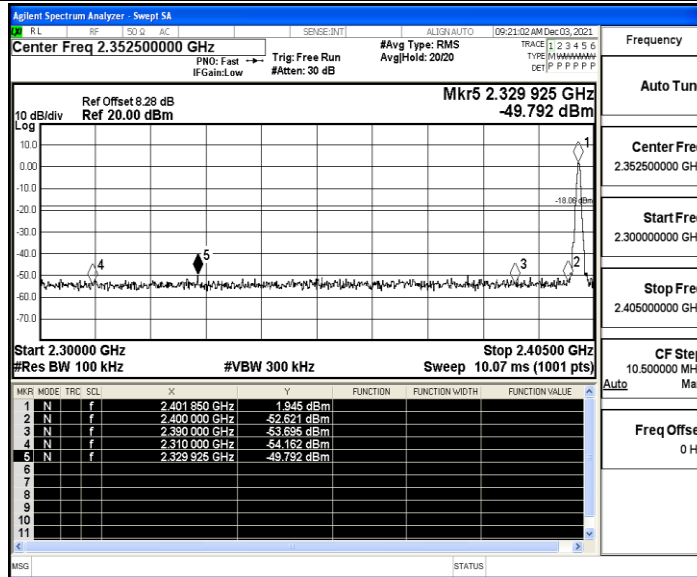
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.95	-49.79	≤ -18.06	PASS
		High	2480	1.36	-49.94	≤ -18.64	PASS
		Low	Hop_2402	1.77	-49.58	≤ -18.23	PASS
		High	Hop_2480	1.92	-48.11	≤ -18.08	PASS
2DH5	Ant1	Low	2402	-2.70	-49.26	≤ -22.7	PASS
		High	2480	-0.28	-49.28	≤ -20.28	PASS
		Low	Hop_2402	-1.88	-49.53	≤ -21.88	PASS
		High	Hop_2480	0.44	-48.81	≤ -19.56	PASS
3DH5	Ant1	Low	2402	-0.68	-49.55	≤ -20.68	PASS
		High	2480	-1.80	-49.63	≤ -21.8	PASS
		Low	Hop_2402	-1.52	-49.75	≤ -21.52	PASS
		High	Hop_2480	0.88	-47.88	≤ -19.12	PASS

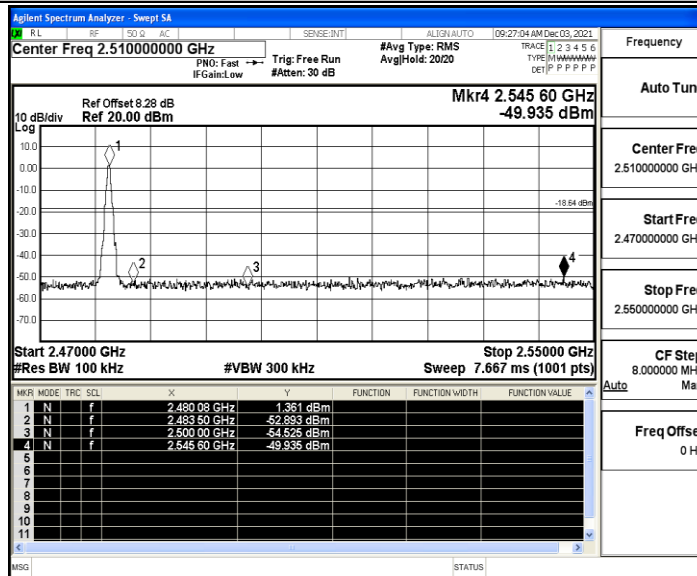


Test Graphs

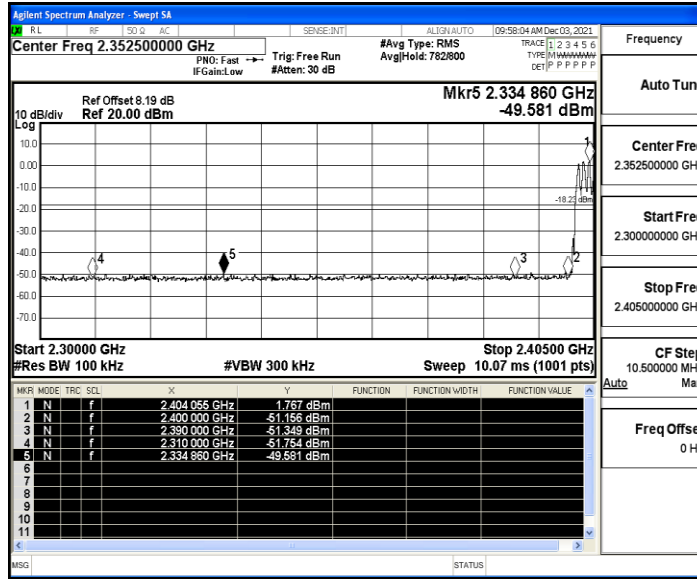
DH5_Ant1_Low_2402



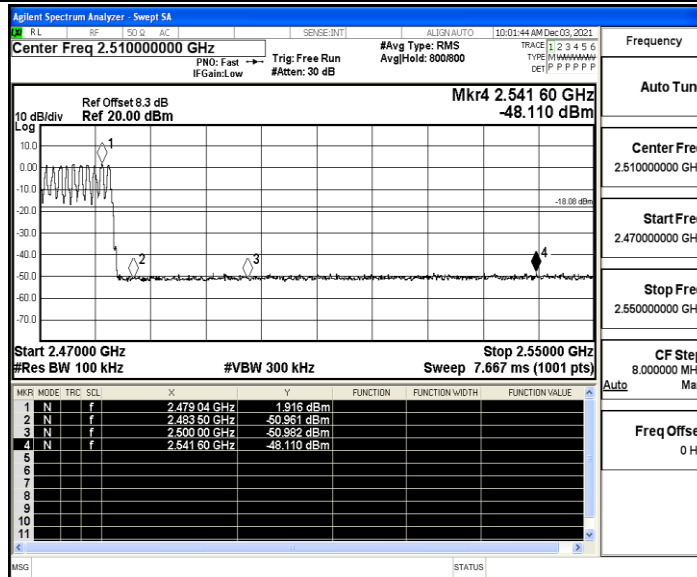
DH5_Ant1_High_2480



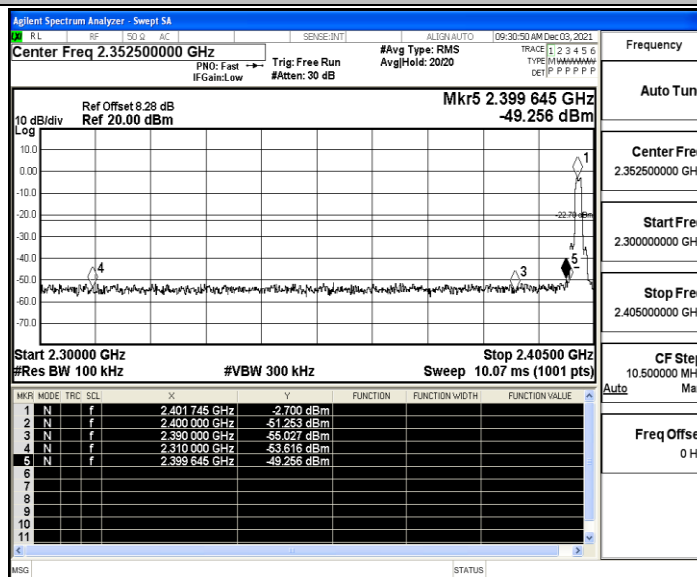
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

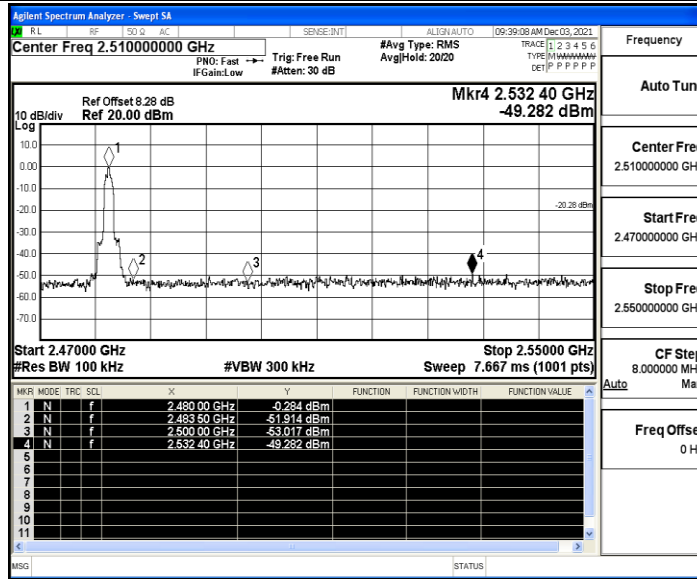


2DH5_Ant1_Low_2402

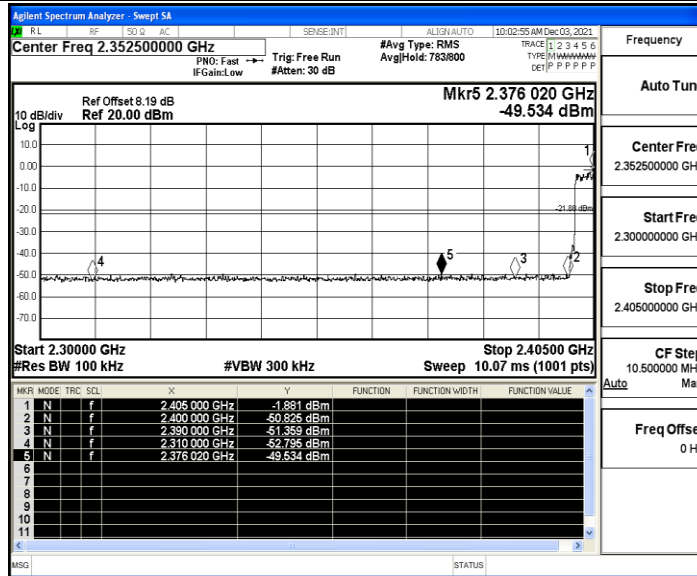




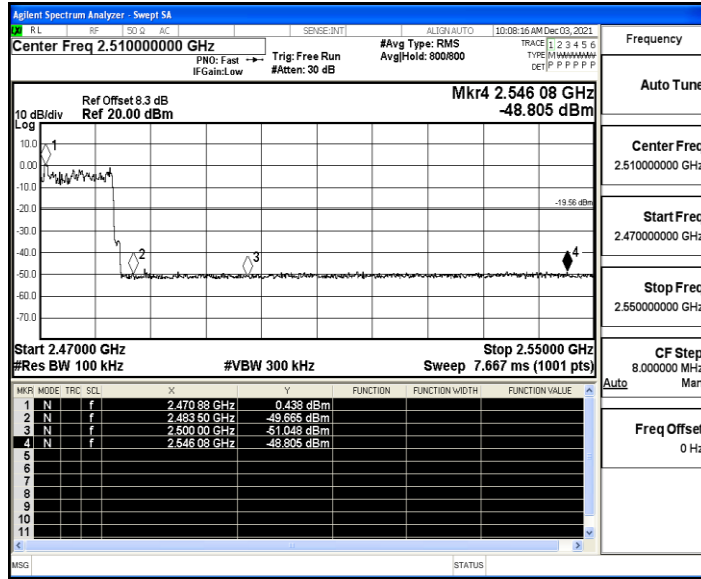
2DH5_Ant1_High_2480



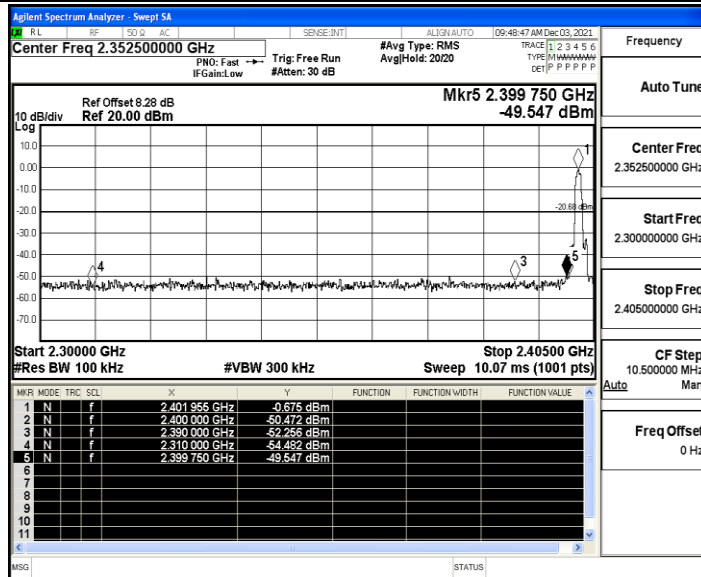
2DH5_Ant1_Low_Hop_2402



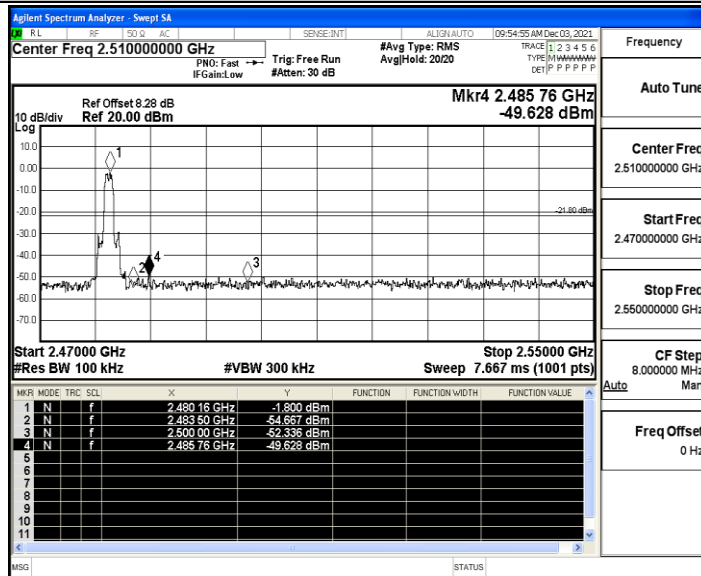
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

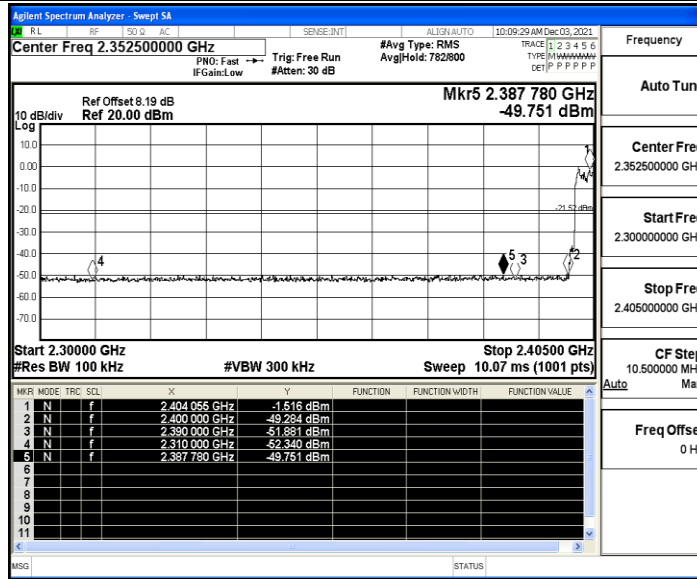


3DH5_Ant1_High_2480

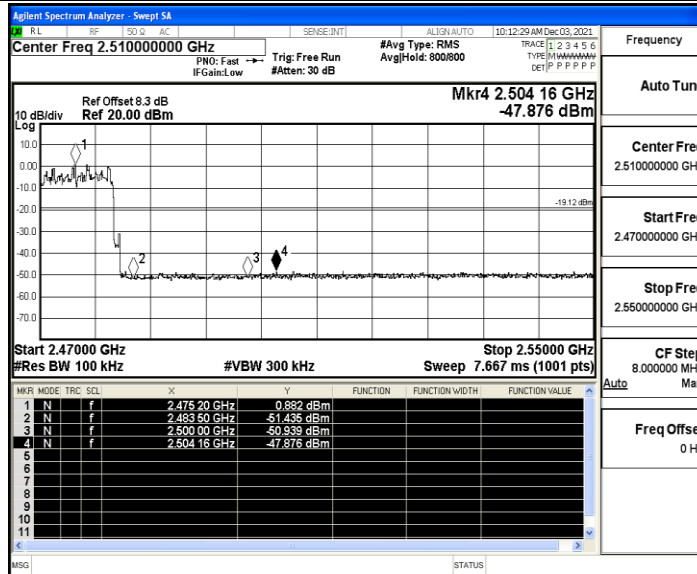




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

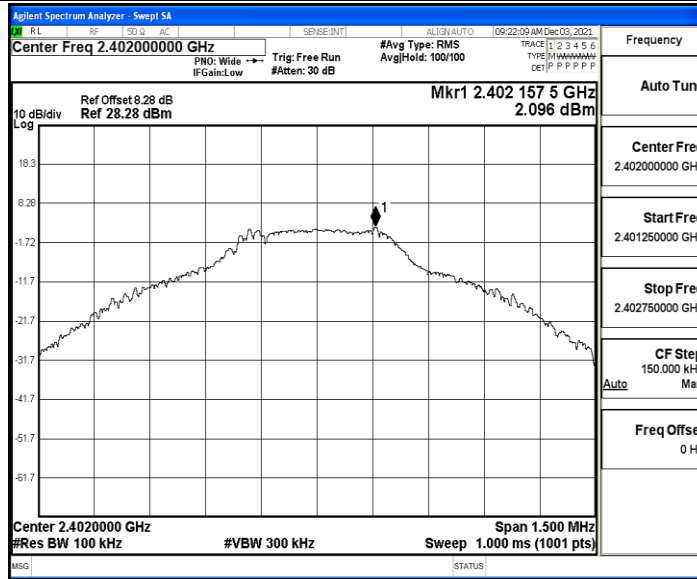
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.10	2.10	---	PASS
			30~1000	2.10	-39.81	≤-17.9	PASS
			1000~26500	2.10	-46.94	≤-17.9	PASS
		2441	Reference	1.17	1.17	---	PASS
			30~1000	1.17	-44.98	≤-18.83	PASS
			1000~26500	1.17	-46.95	≤-18.83	PASS
		2480	Reference	1.68	1.68	---	PASS
			30~1000	1.68	-51.98	≤-18.32	PASS
			1000~26500	1.68	-46.78	≤-18.32	PASS
2DH5	Ant1	2402	Reference	1.23	1.23	---	PASS
			30~1000	1.23	-61.11	≤-18.77	PASS
			1000~26500	1.23	-46.31	≤-18.77	PASS
		2441	Reference	0.80	0.80	---	PASS
			30~1000	0.80	-60.76	≤-19.2	PASS
			1000~26500	0.80	-46.44	≤-19.2	PASS
		2480	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-60.59	≤-18.65	PASS
			1000~26500	1.35	-46.19	≤-18.65	PASS
3DH5	Ant1	2402	Reference	1.54	1.54	---	PASS
			30~1000	1.54	-61.62	≤-18.46	PASS
			1000~26500	1.54	-46.86	≤-18.46	PASS
		2441	Reference	0.98	0.98	---	PASS
			30~1000	0.98	-61.05	≤-19.02	PASS
			1000~26500	0.98	-46.81	≤-19.02	PASS
		2480	Reference	1.34	1.34	---	PASS
			30~1000	1.34	-60.6	≤-18.66	PASS
			1000~26500	1.34	-46	≤-18.66	PASS

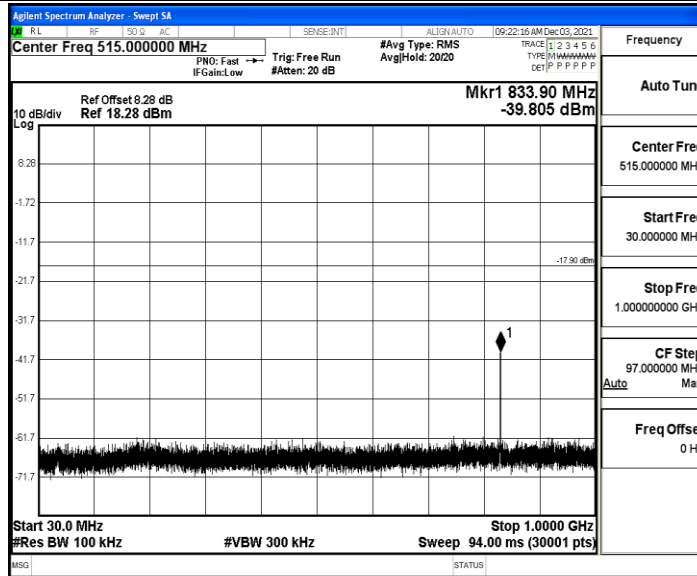


Test Graphs

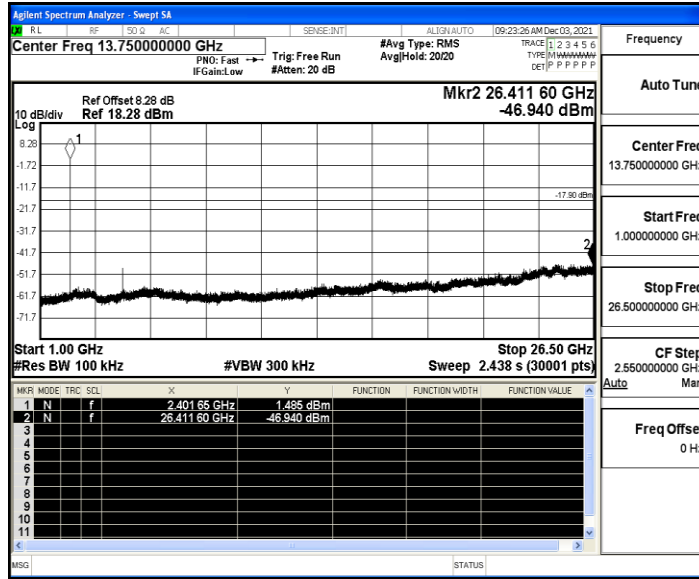
DH5_Ant1_2402_0-Reference



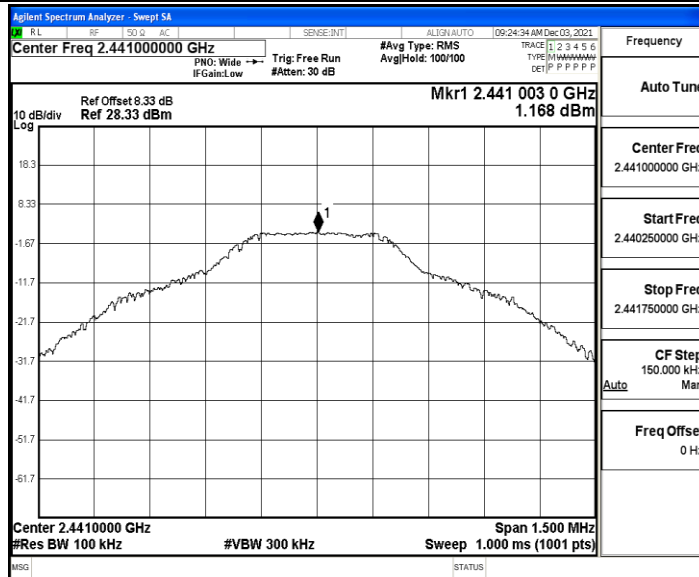
DH5_Ant1_2402_30-1000



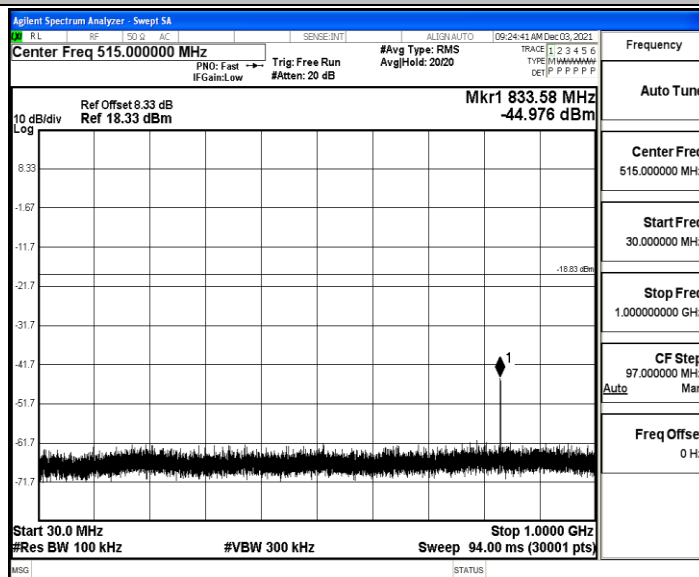
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0-Reference

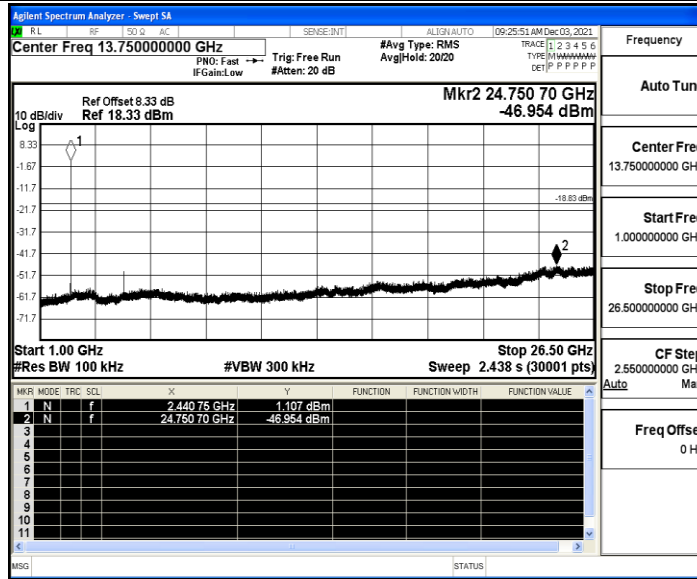


DH5_Ant1_2441_30~1000

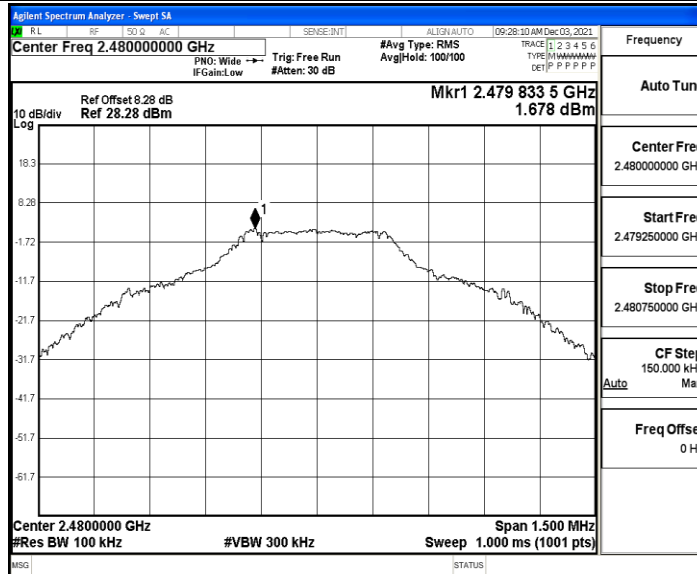




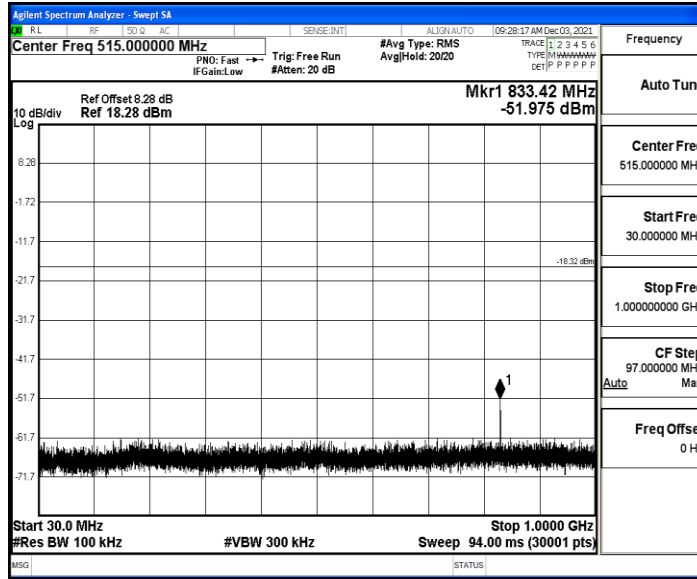
DH5_Ant1_2441_1000~26500



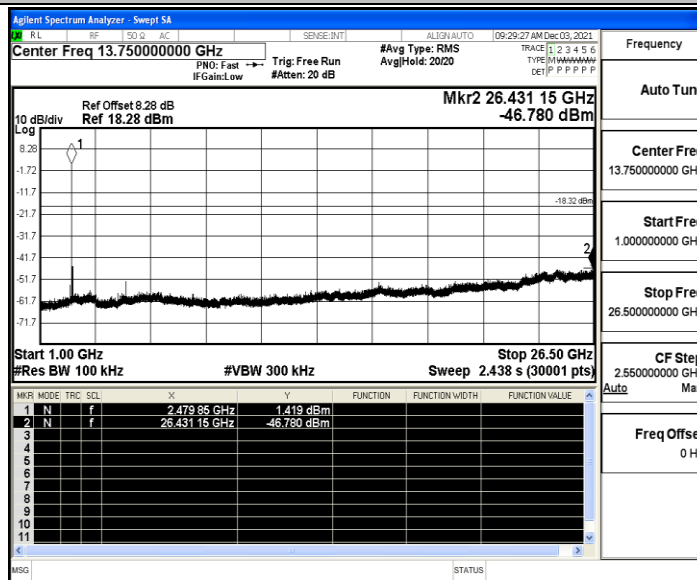
DH5_Ant1_2480_0~Reference



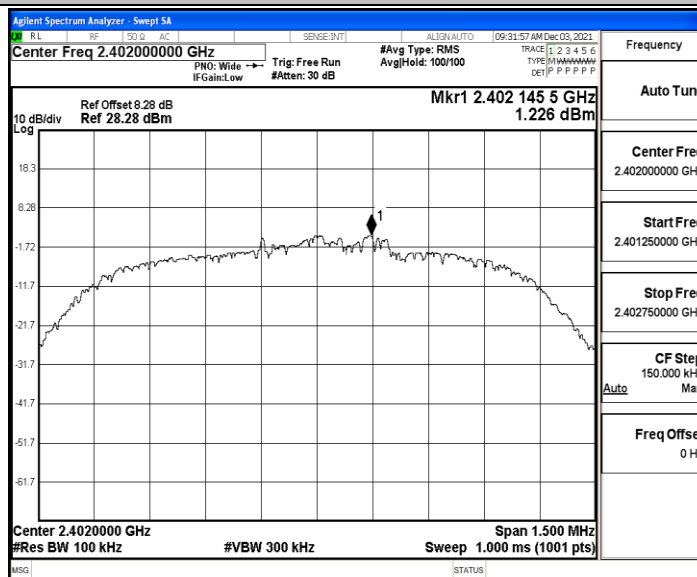
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

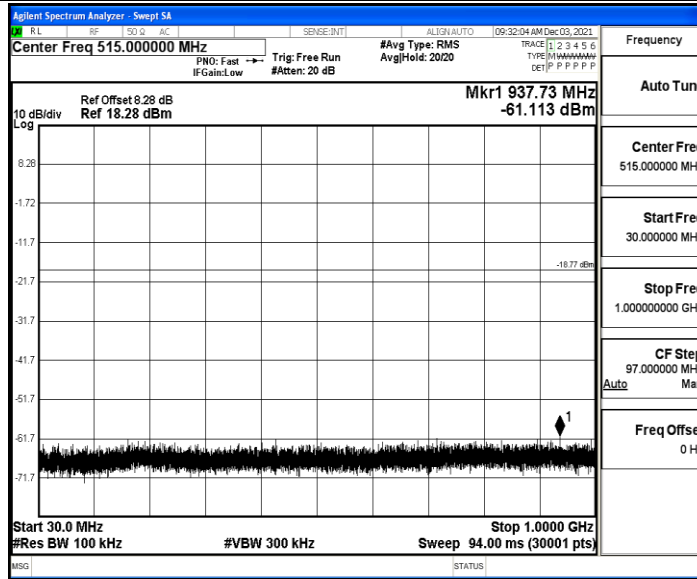


2DH5_Ant1_2402_0~Reference

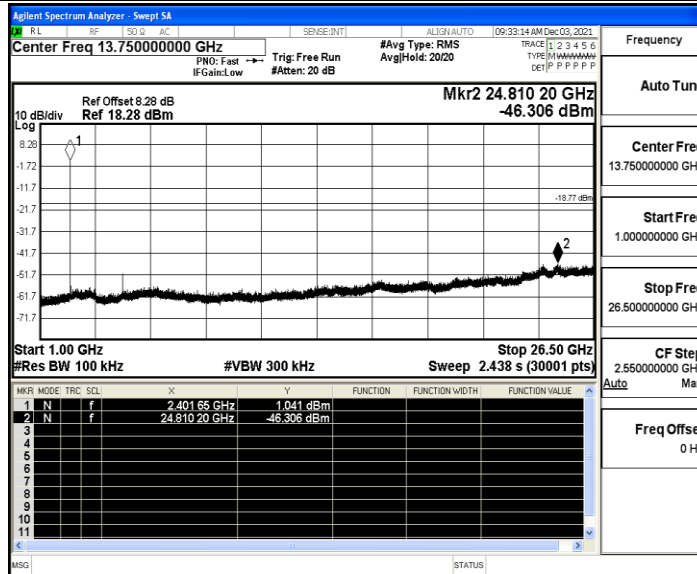




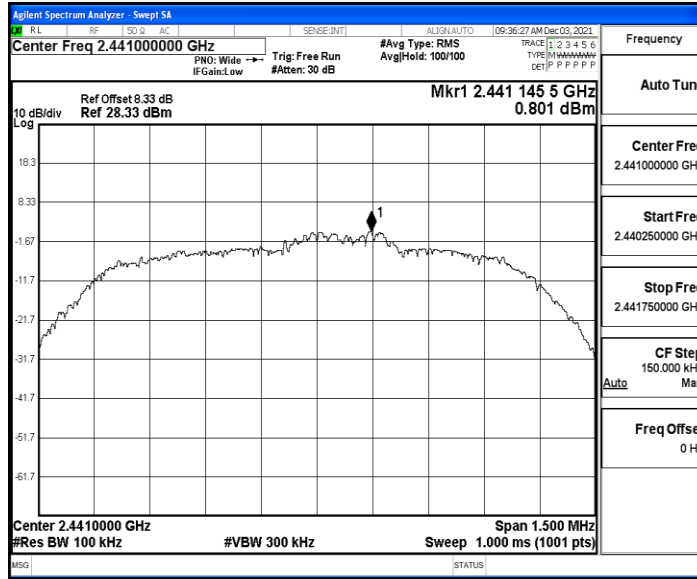
2DH5_Ant1_2402_30~1000



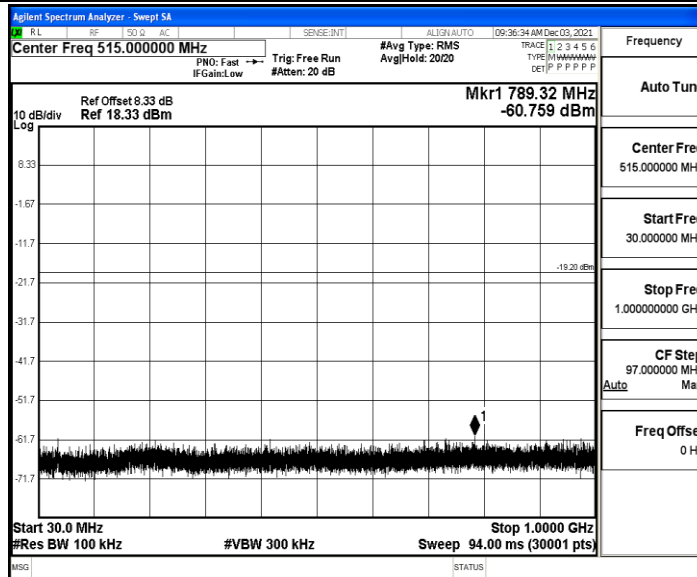
2DH5_Ant1_2402_1000~26500



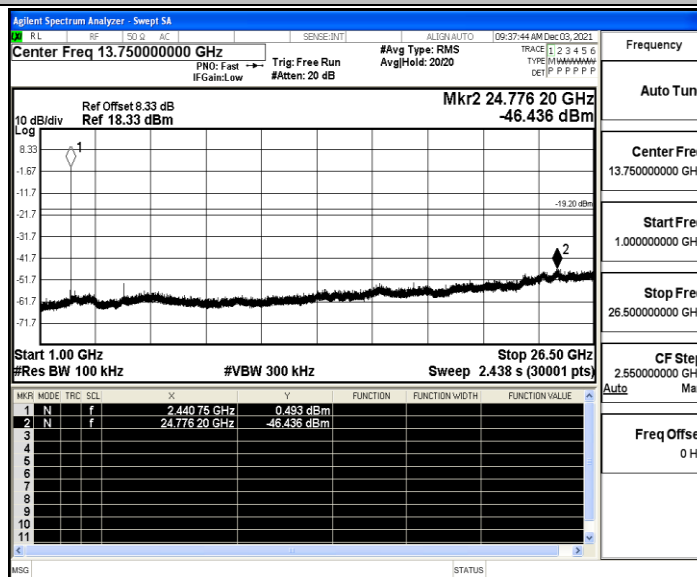
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

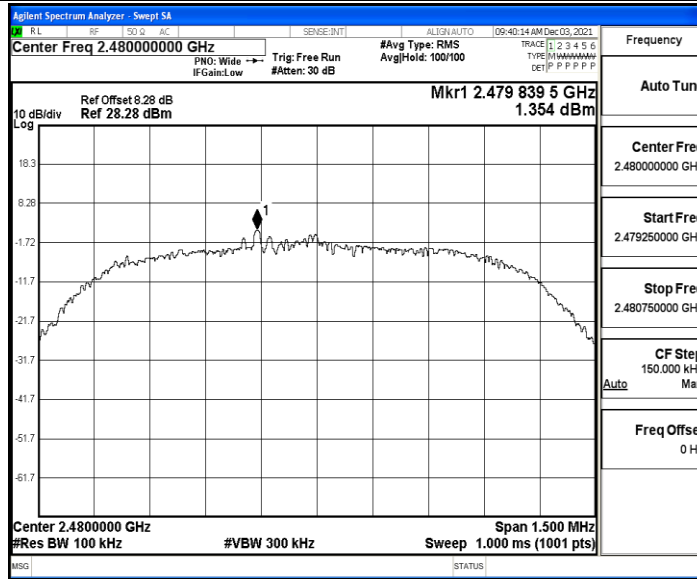


2DH5_Ant1_2441_1000~26500

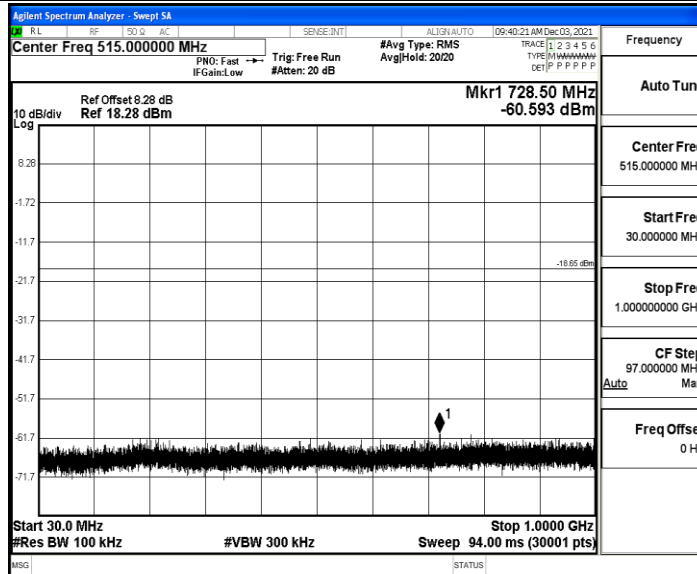




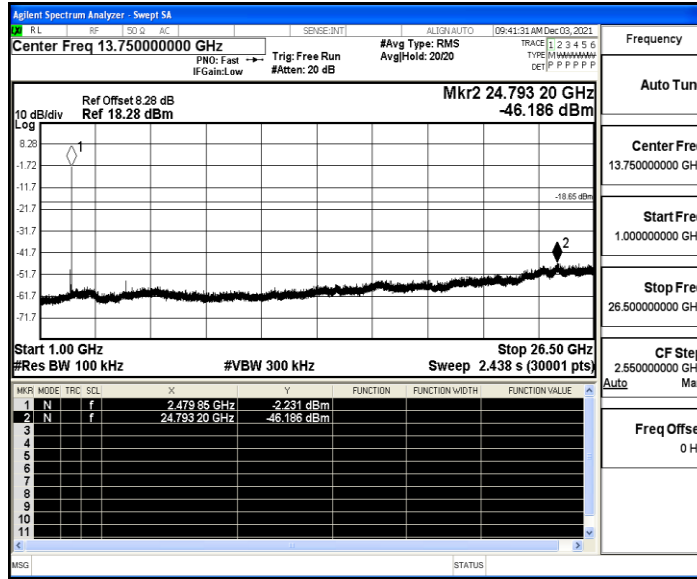
2DH5_Ant1_2480_0~Reference



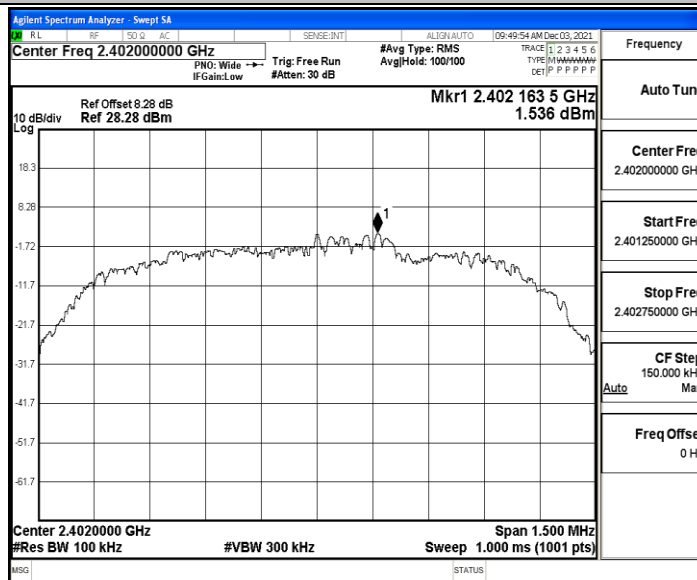
2DH5_Ant1_2480_30~1000



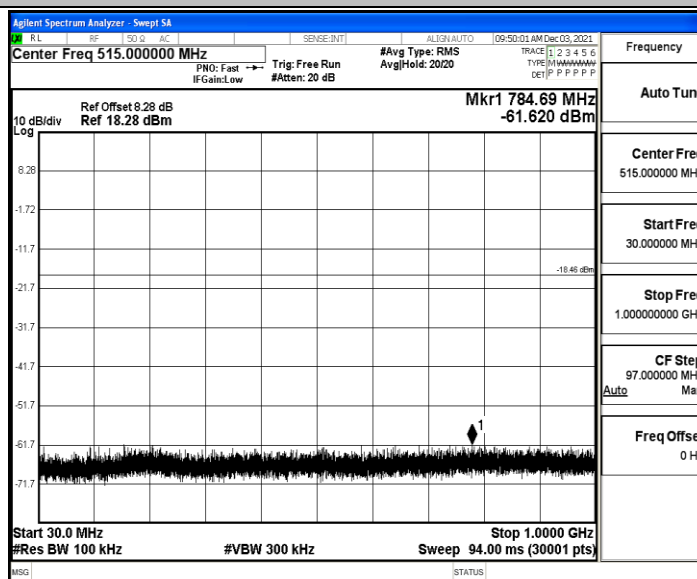
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

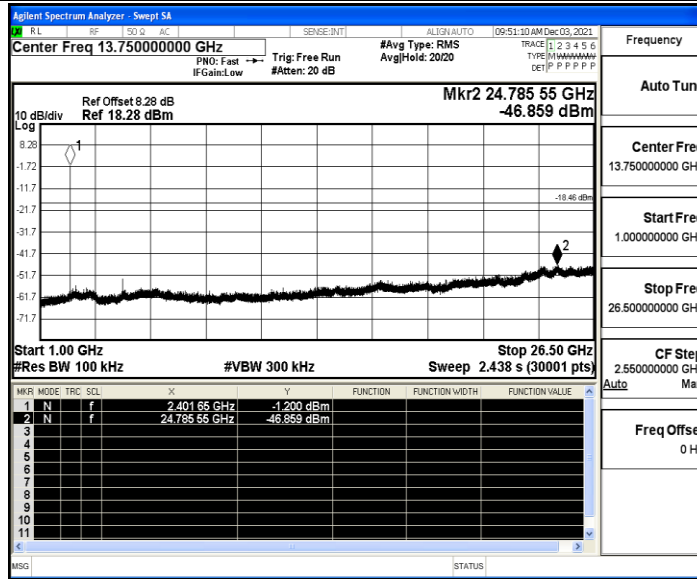


3DH5_Ant1_2402_30~1000

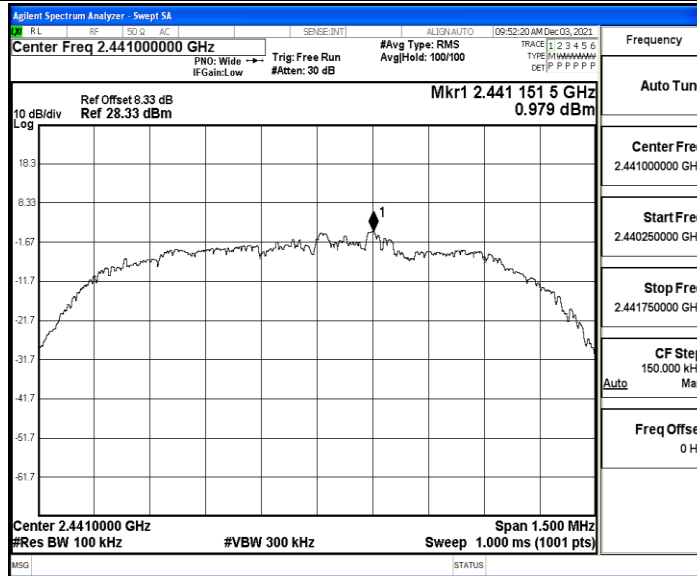




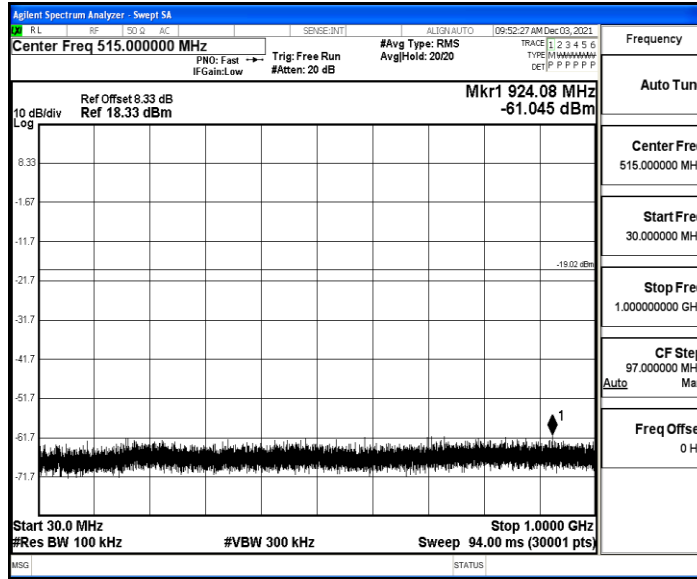
3DH5_Ant1_2402_1000~26500



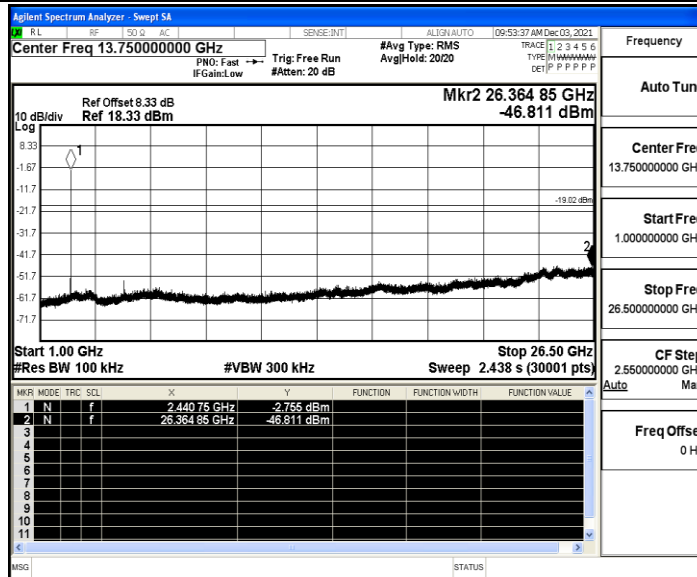
3DH5_Ant1_2441_0~Reference



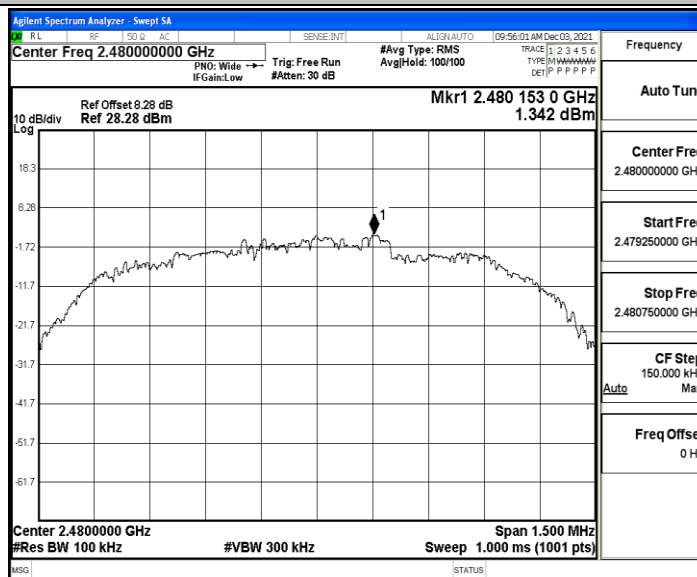
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

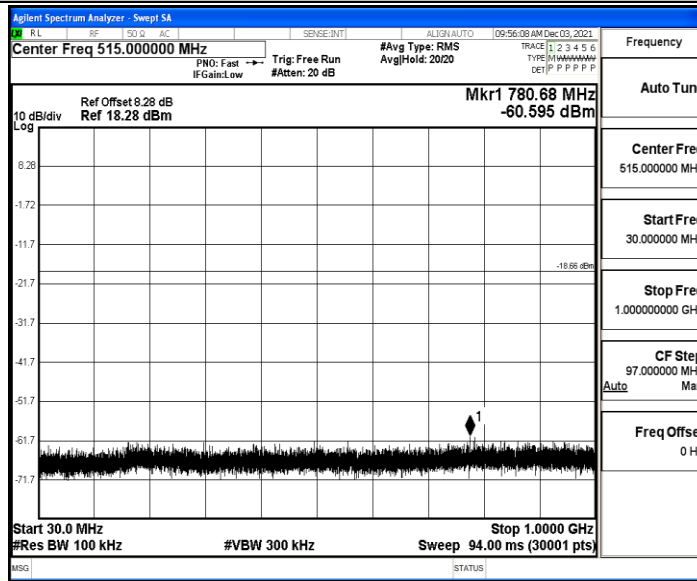


3DH5_Ant1_2480_0~Reference

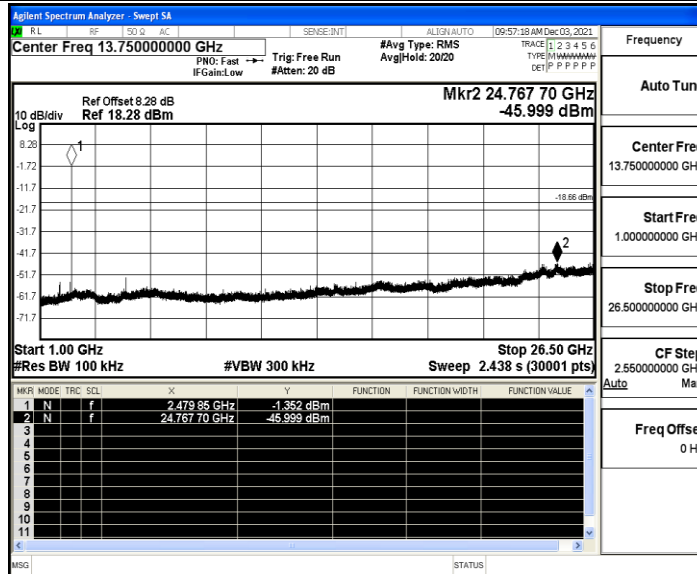




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict	
DH5	Ant1	Low	2402	AV	2310.000	-48.72	≤-41.20	46.48	≤54	PASS
				AV	2383.265	-48.3	≤-41.20	46.90	≤54	PASS
				AV	2390.000	-48.45	≤-41.20	46.75	≤54	PASS
				Peak	2310.000	-44.43	≤-21.20	50.77	≤74	PASS
				Peak	2340.950	-39.07	≤-21.20	56.13	≤74	PASS
				Peak	2390.000	-43.05	≤-21.20	52.15	≤74	PASS
		High	2480	AV	2483.500	-47.65	≤-41.20	47.55	≤54	PASS
				AV	2492.320	-47.63	≤-41.20	47.57	≤54	PASS
				AV	2500.000	-47.85	≤-41.20	47.35	≤54	PASS
				Peak	2483.500	-41.57	≤-21.20	53.63	≤74	PASS
				Peak	2489.600	-38.52	≤-21.20	56.68	≤74	PASS
				Peak	2500.000	-41.8	≤-21.20	53.40	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.84	≤-41.20	46.36	≤54	PASS
				AV	2383.895	-48.26	≤-41.20	46.94	≤54	PASS
				AV	2390.000	-48.39	≤-41.20	46.81	≤54	PASS
				Peak	2310.000	-43.3	≤-21.20	51.90	≤74	PASS
				Peak	2389.040	-38.62	≤-21.20	56.58	≤74	PASS
				Peak	2390.000	-42.18	≤-21.20	53.02	≤74	PASS
		High	2480	AV	2483.500	-47.23	≤-41.20	47.97	≤54	PASS
				AV	2483.520	-47.23	≤-41.20	47.97	≤54	PASS
				AV	2500.000	-47.77	≤-41.20	47.43	≤54	PASS
				Peak	2483.500	-43.05	≤-21.20	52.15	≤74	PASS
				Peak	2486.720	-38.27	≤-21.20	56.93	≤74	PASS
				Peak	2500.000	-41.67	≤-21.20	53.53	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2389.775	-48.15	≤-41.20	47.05	≤54	PASS
				AV	2390.000	-48.3	≤-41.20	46.90	≤54	PASS
				Peak	2310.000	-43.9	≤-21.20	51.30	≤74	PASS
				Peak	2376.230	-38.55	≤-21.20	56.65	≤74	PASS
				Peak	2390.000	-40.46	≤-21.20	54.74	≤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	-47.79	≤-41.20	47.41	≤54	PASS
				Peak	2483.500	-43.31	≤-21.20	51.89	≤74	PASS
				Peak	2499.360	-38.45	≤-21.20	56.75	≤74	PASS
				Peak	2500.000	-41.32	≤-21.20	53.88	≤74	PASS



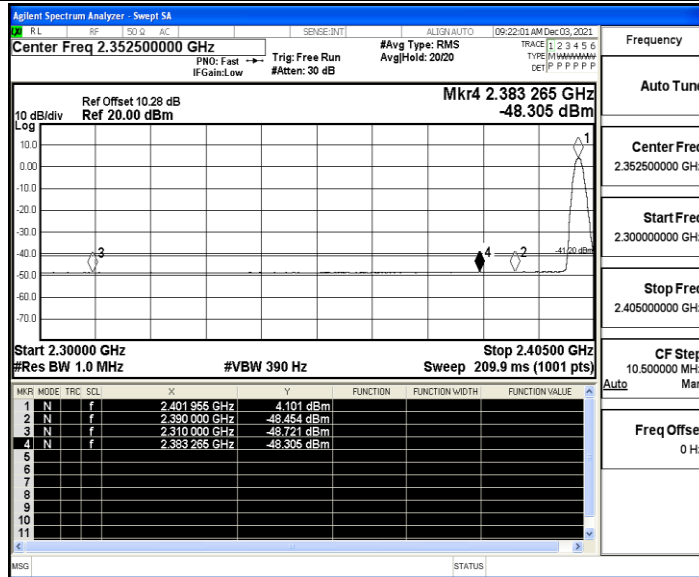
Note:

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.

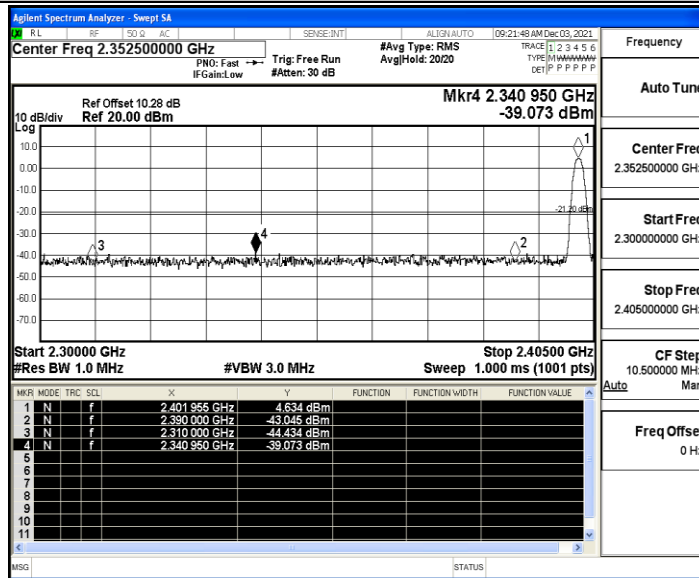


Test Graphs

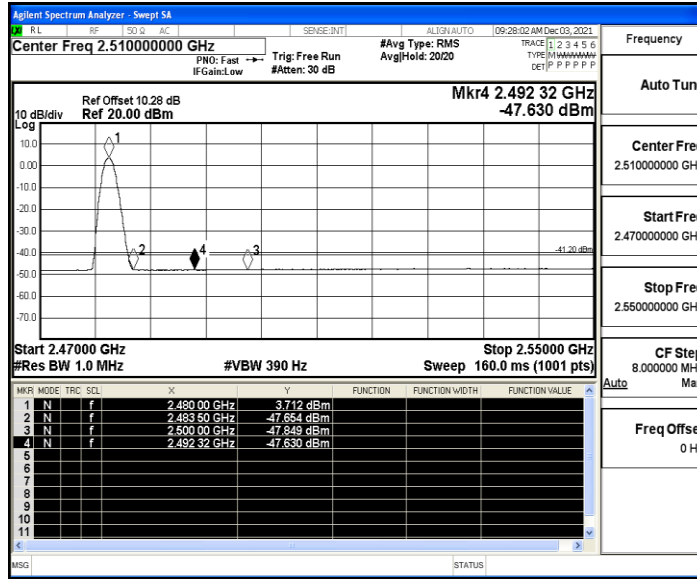
DH5_Ant1_Low_2402_AV



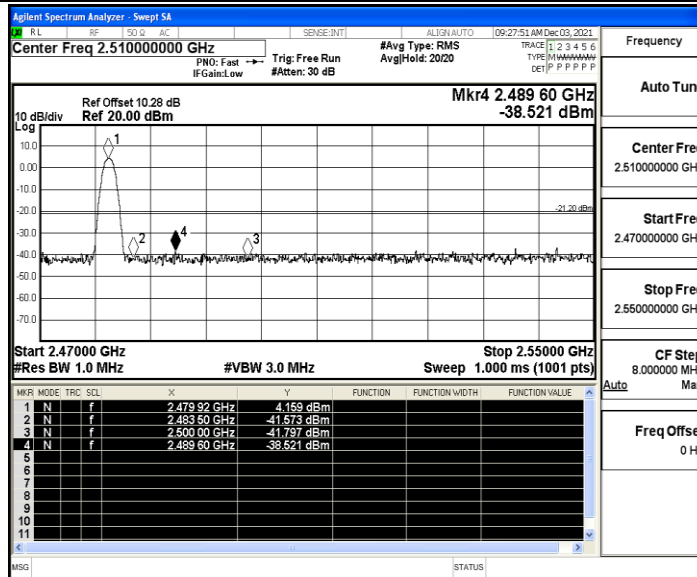
DH5_Ant1_Low_2402_Peak



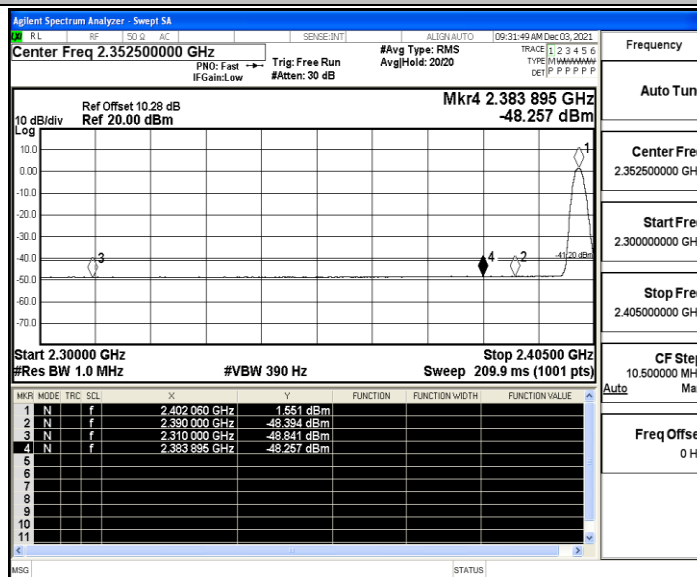
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

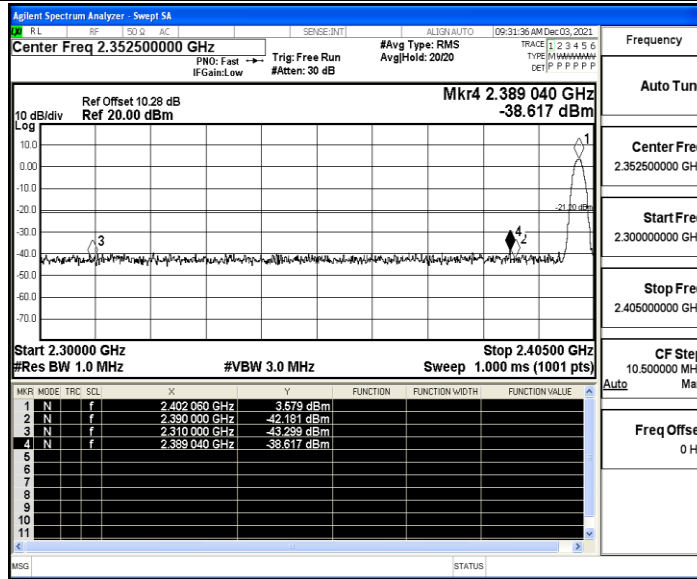


2DH5_Ant1_Low_2402_AV

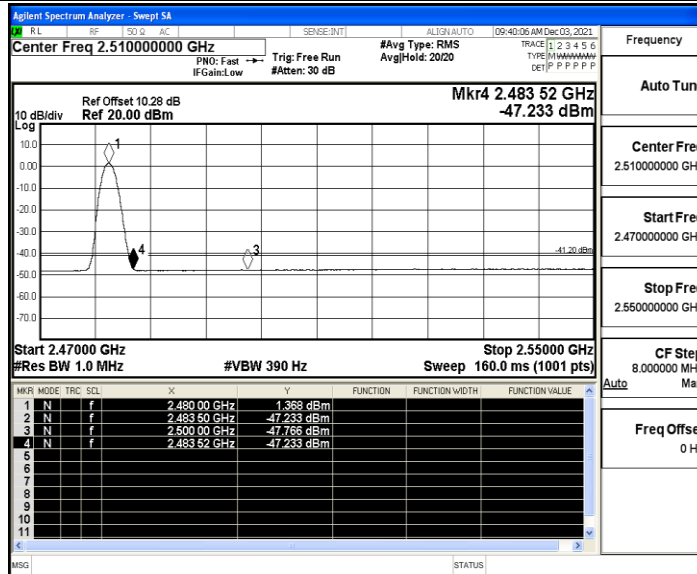




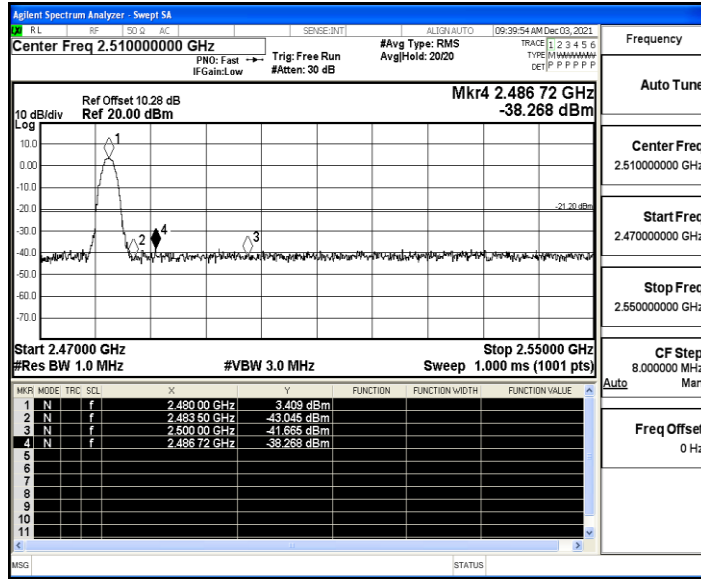
2DH5_Ant1_Low_2402_Peak



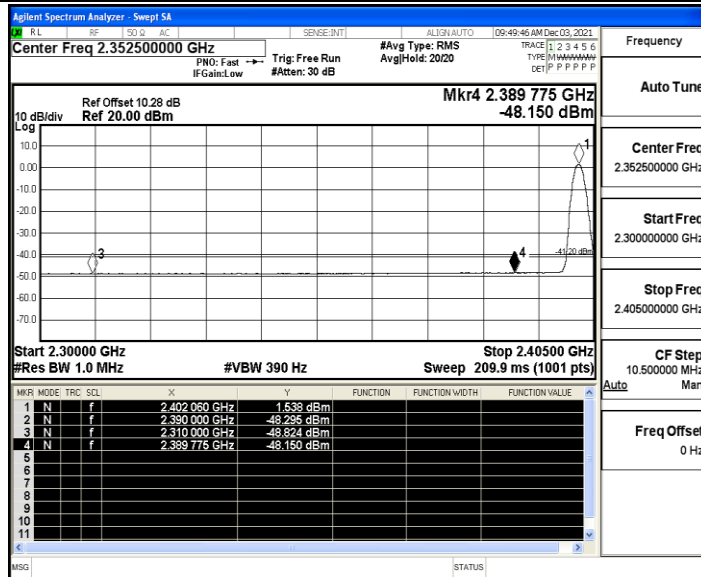
2DH5_Ant1_High_2480_AV



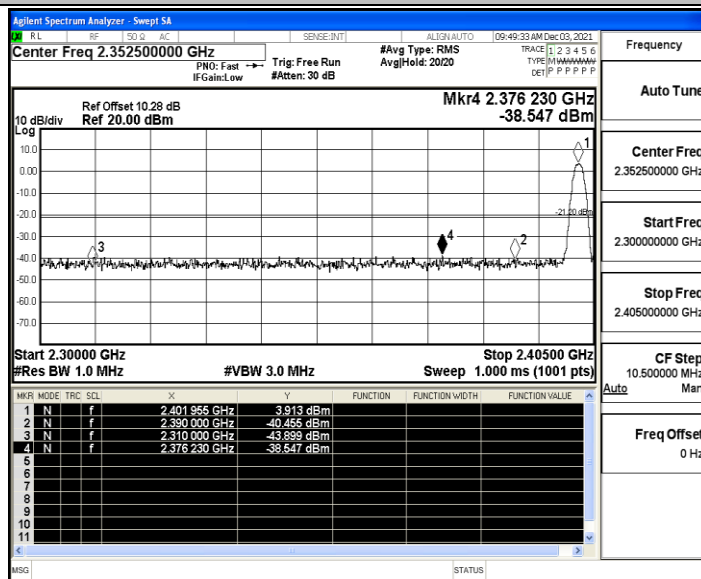
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

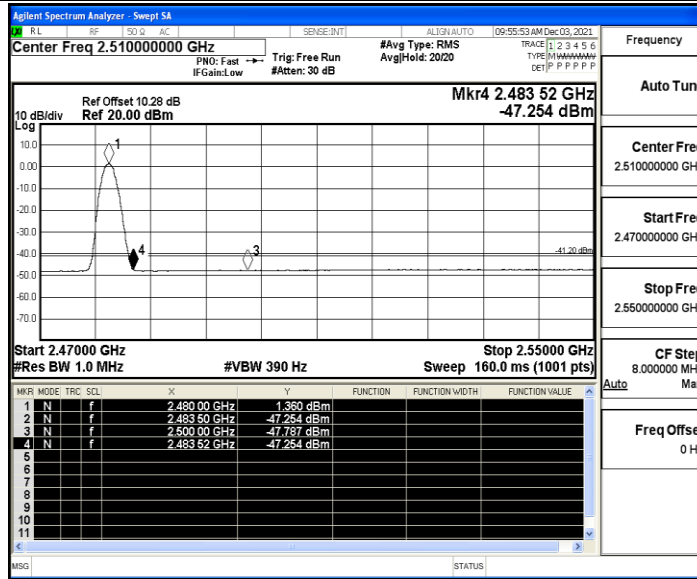


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

