



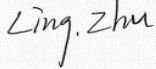

Appendix A

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

Product Name: Tablet

Test Model: 8LA1

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

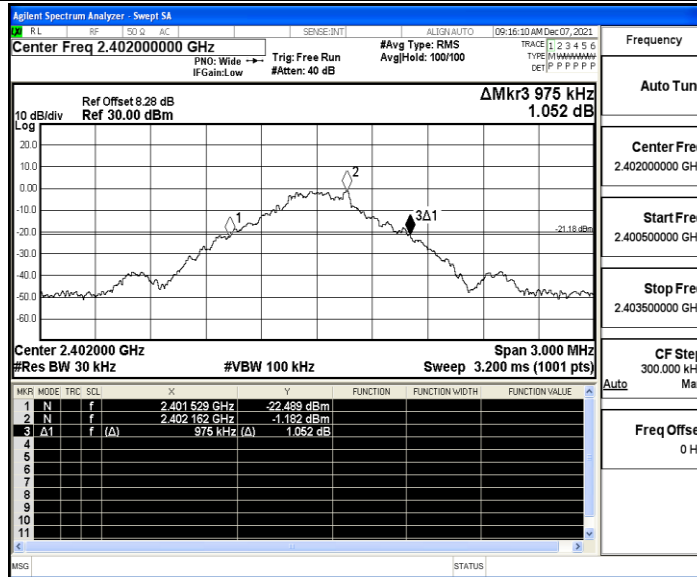
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.975	2401.529	2402.504	---	PASS
		2441	1.029	2440.460	2441.489	---	PASS
		2480	1.023	2479.469	2480.492	---	PASS
2DH5	Ant1	2402	1.332	2401.331	2402.663	---	PASS
		2441	1.296	2440.358	2441.654	---	PASS
		2480	1.317	2479.340	2480.657	---	PASS
3DH5	Ant1	2402	1.347	2401.322	2402.669	---	PASS
		2441	1.317	2440.340	2441.657	---	PASS
		2480	1.290	2479.349	2480.639	---	PASS

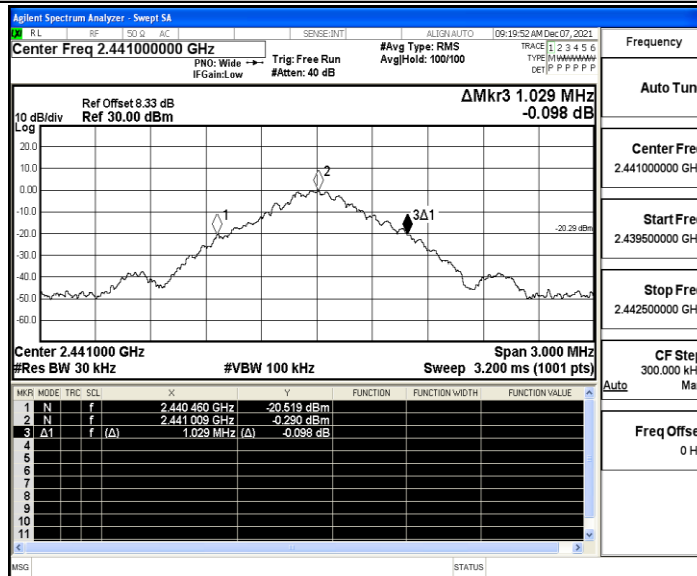


Test Graphs

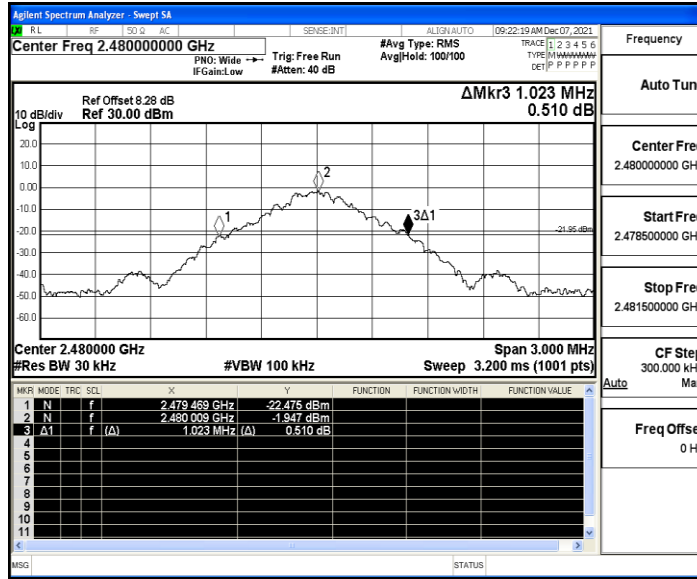
DH5_Ant1_2402



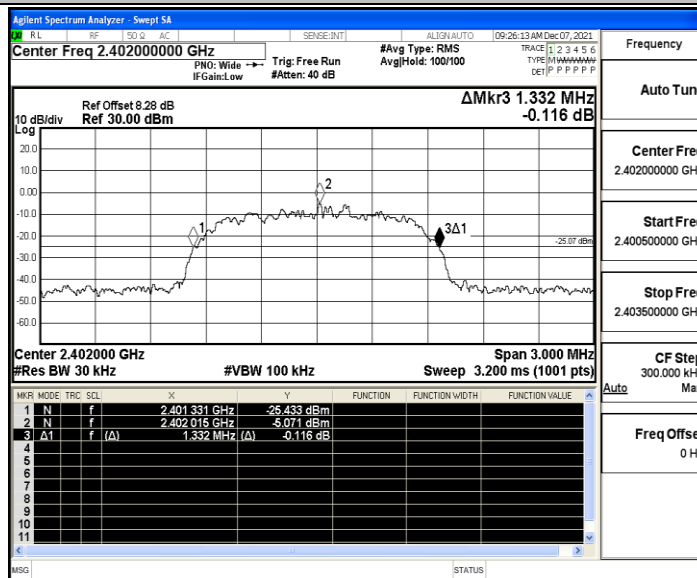
DH5_Ant1_2441



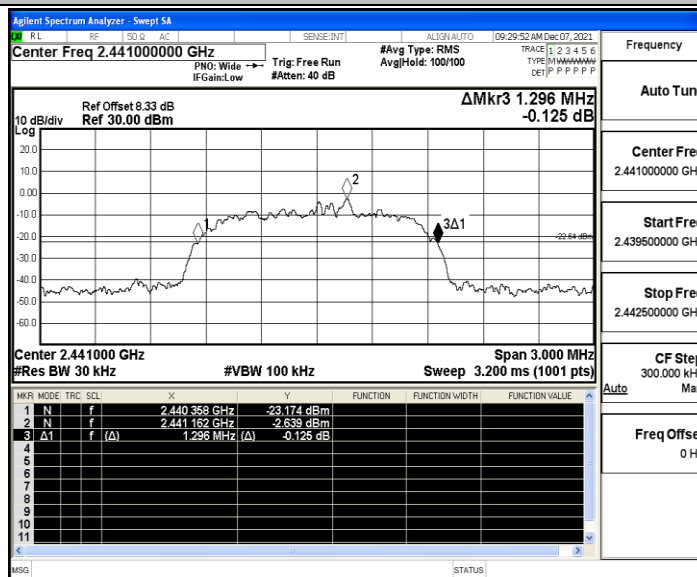
DH5_Ant1_2480



2DH5_Ant1_2402

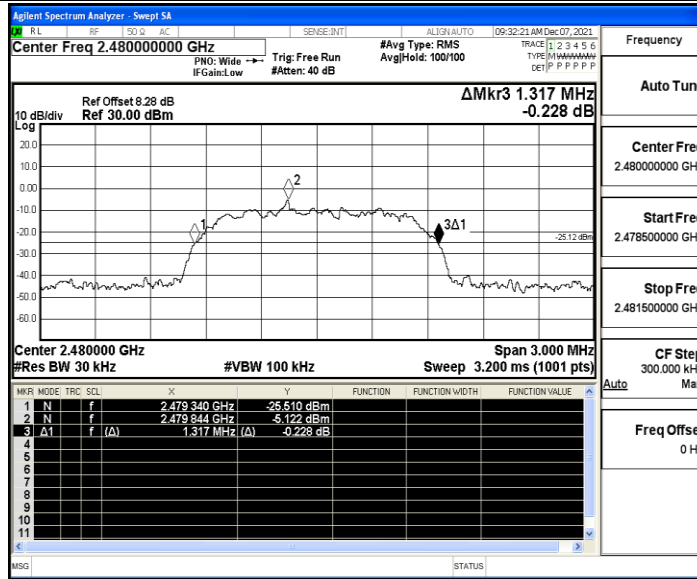


2DH5_Ant1_2441

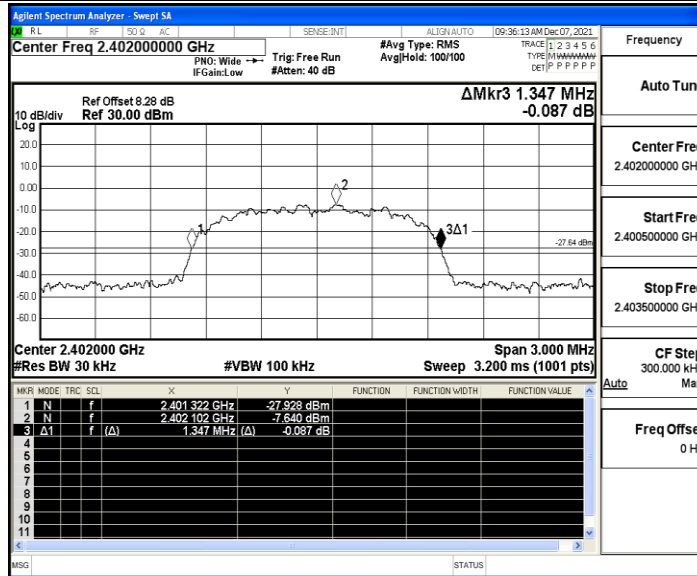




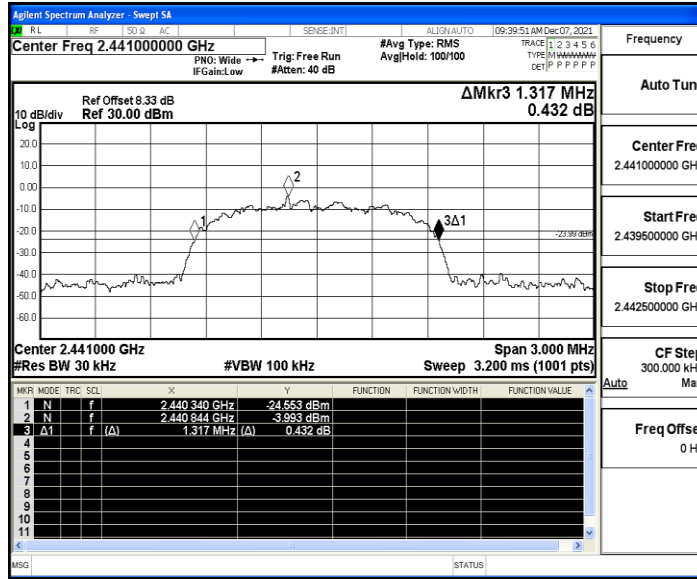
2DH5_Ant1_2480



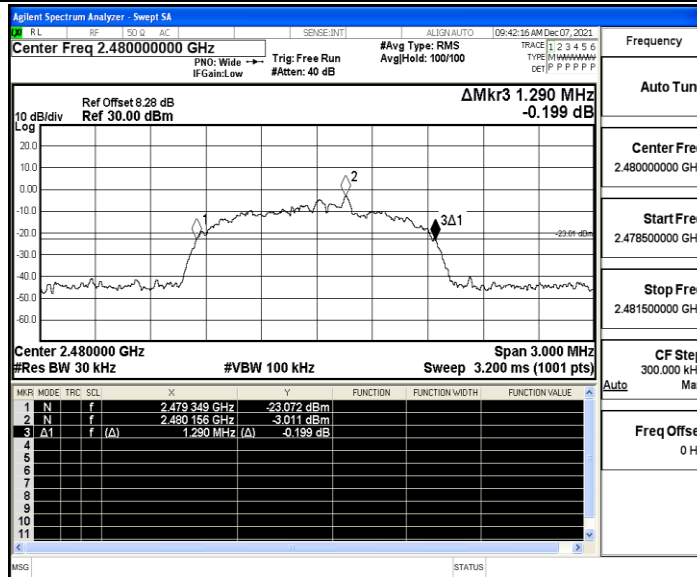
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

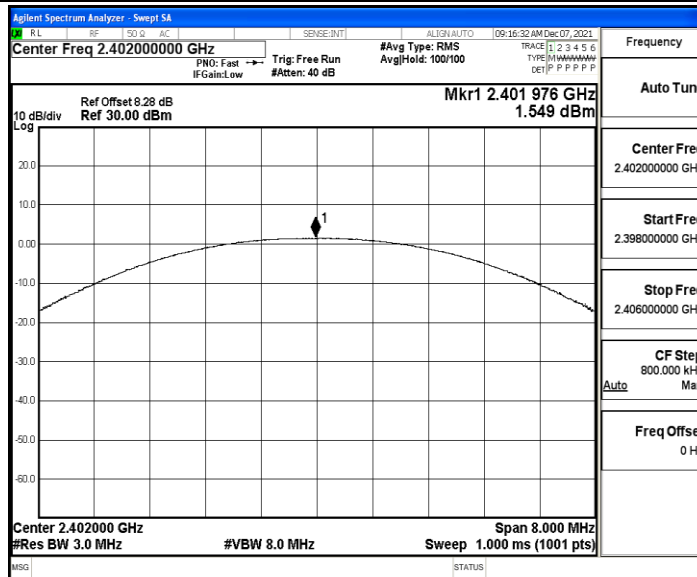
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.55	≤ 20.97	PASS
		2441	2.58	≤ 20.97	PASS
		2480	1.00	≤ 20.97	PASS
2DH5	Ant1	2402	0.57	≤ 20.97	PASS
		2441	1.67	≤ 20.97	PASS
		2480	0.15	≤ 20.97	PASS
3DH5	Ant1	2402	0.85	≤ 20.97	PASS
		2441	1.85	≤ 20.97	PASS
		2480	0.26	≤ 20.97	PASS

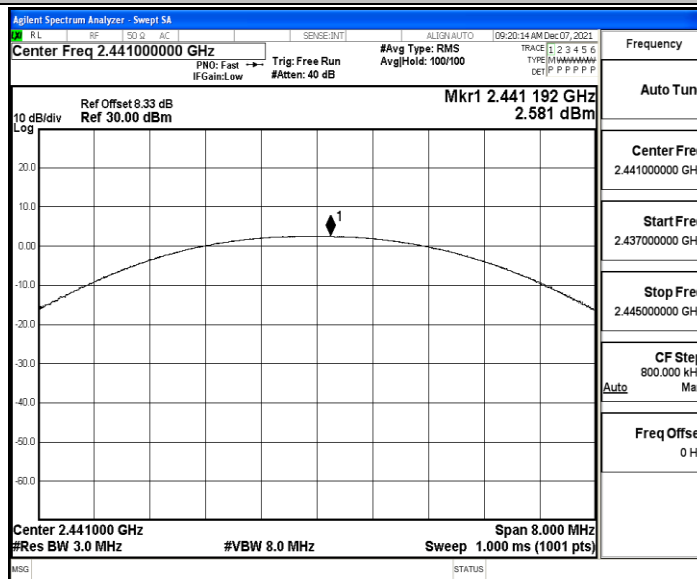


Test Graphs

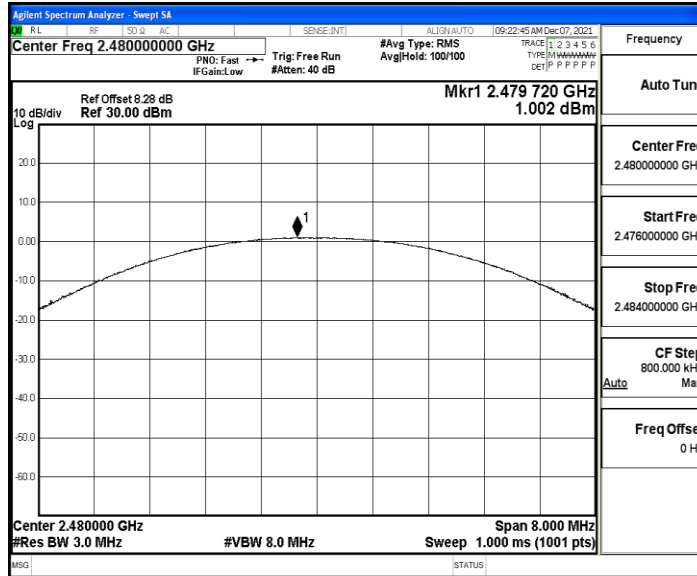
DH5_Ant1_2402



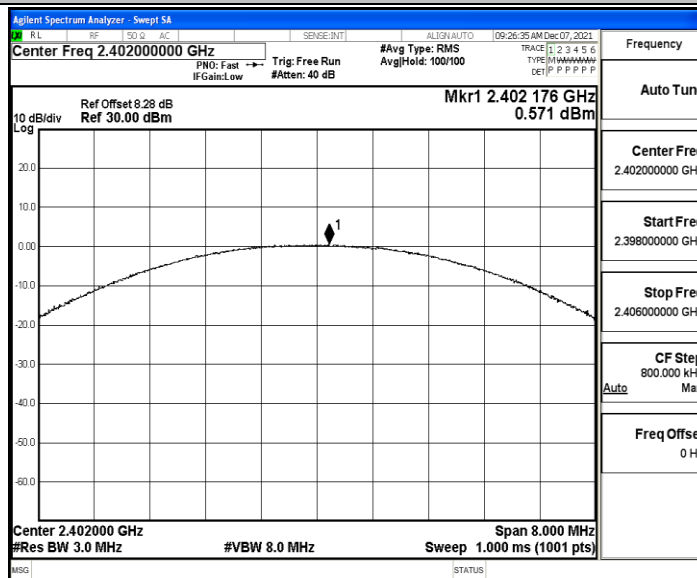
DH5_Ant1_2441



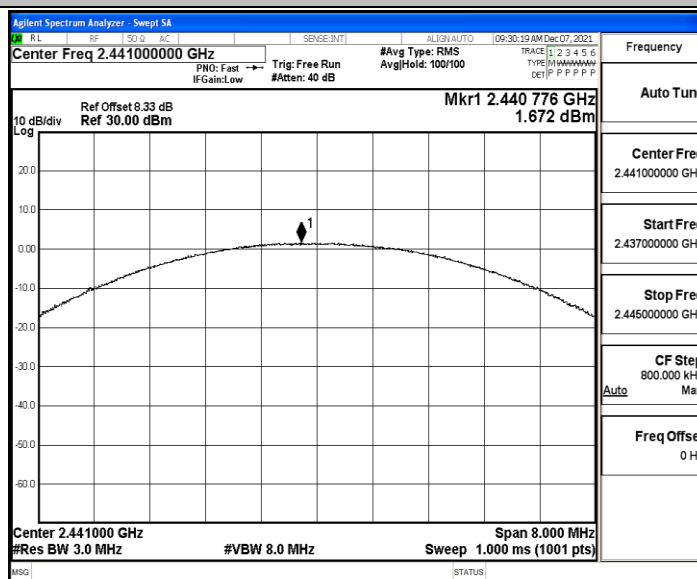
DH5_Ant1_2480



2DH5_Ant1_2402

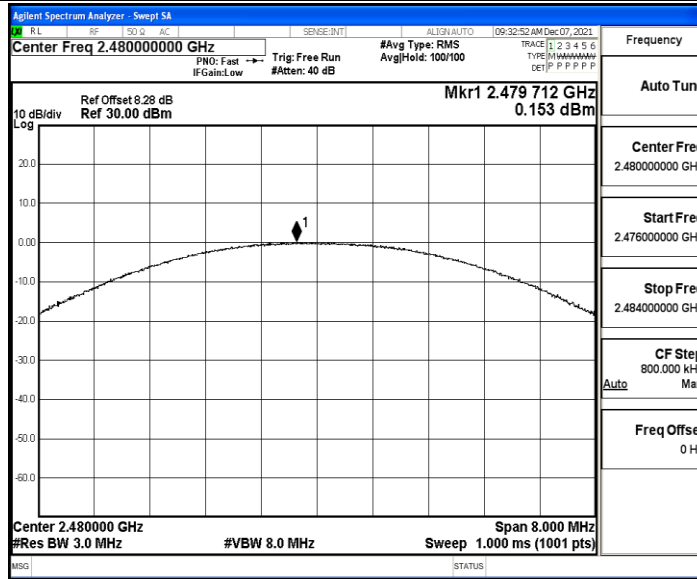


2DH5_Ant1_2441

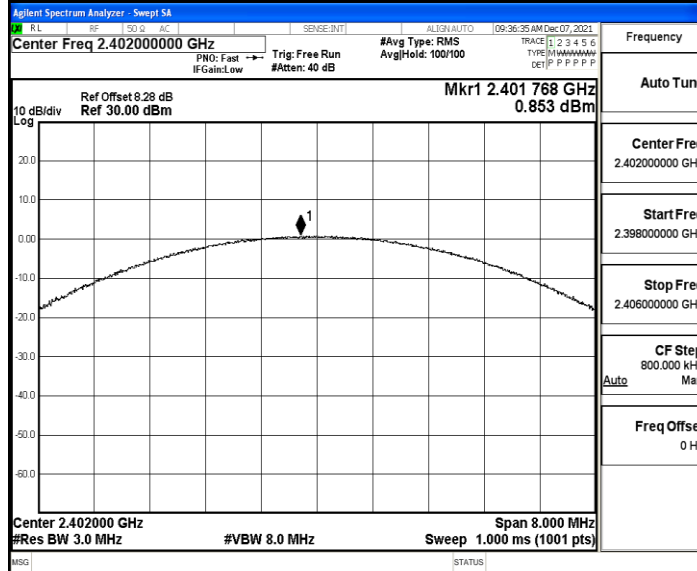




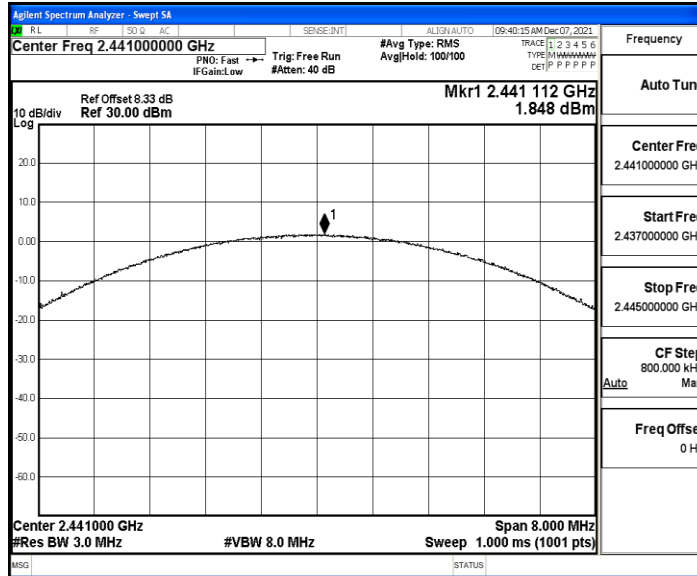
2DH5_Ant1_2480



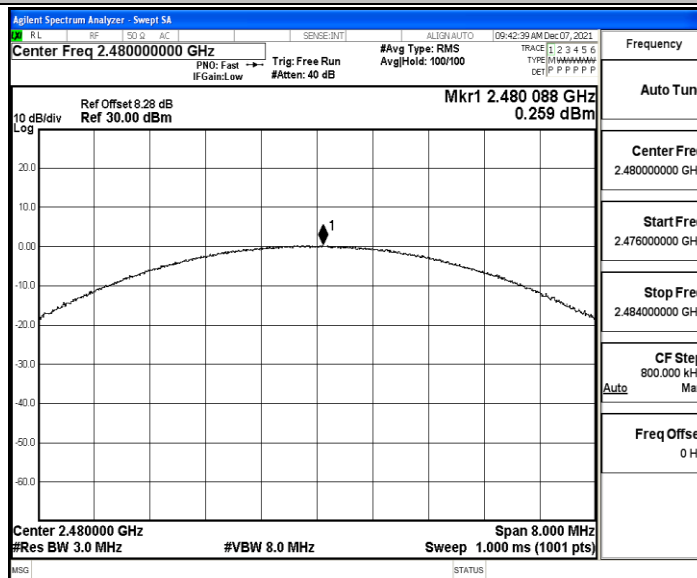
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

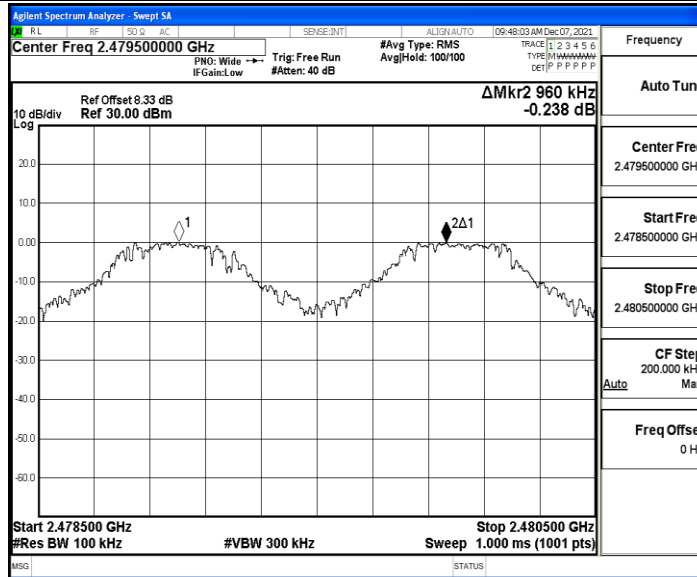
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.96	≥ 0.686	PASS
2DH5	Ant1	Hop	0.964	≥ 0.888	PASS
3DH5	Ant1	Hop	1.096	≥ 0.898	PASS

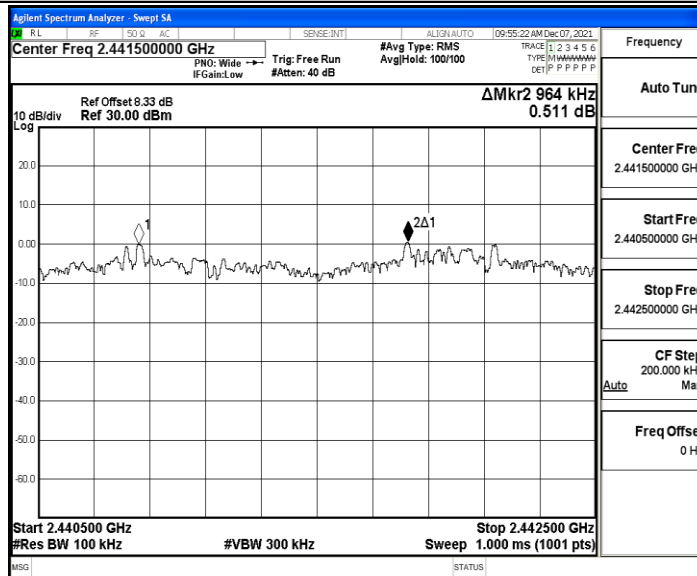


Test Graphs

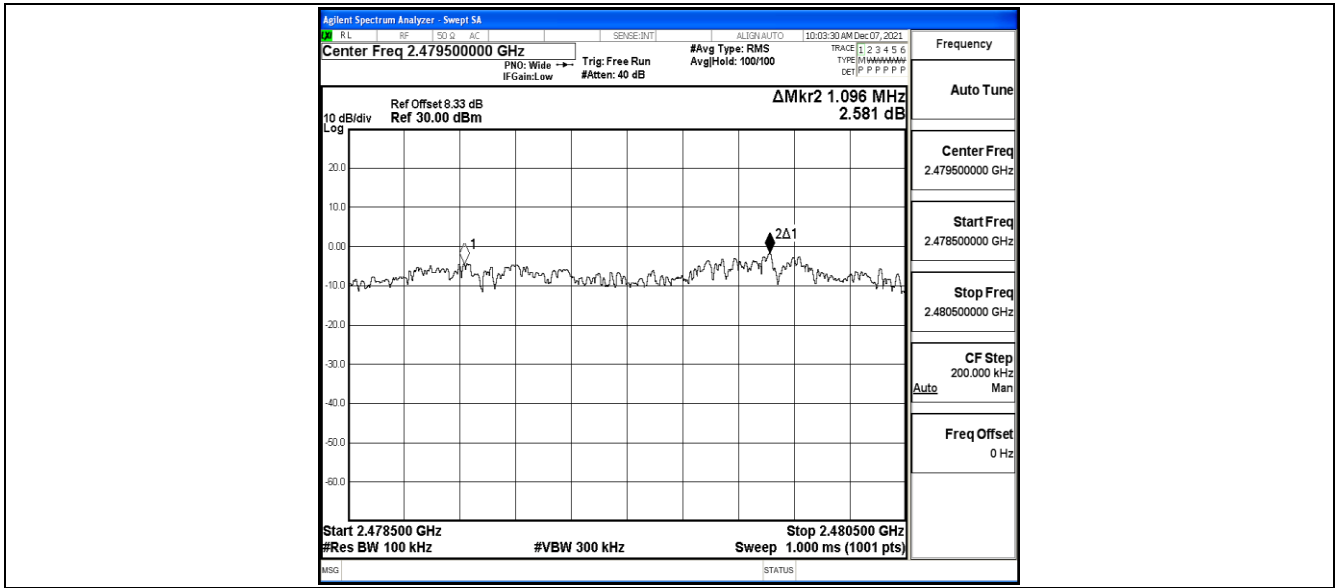
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





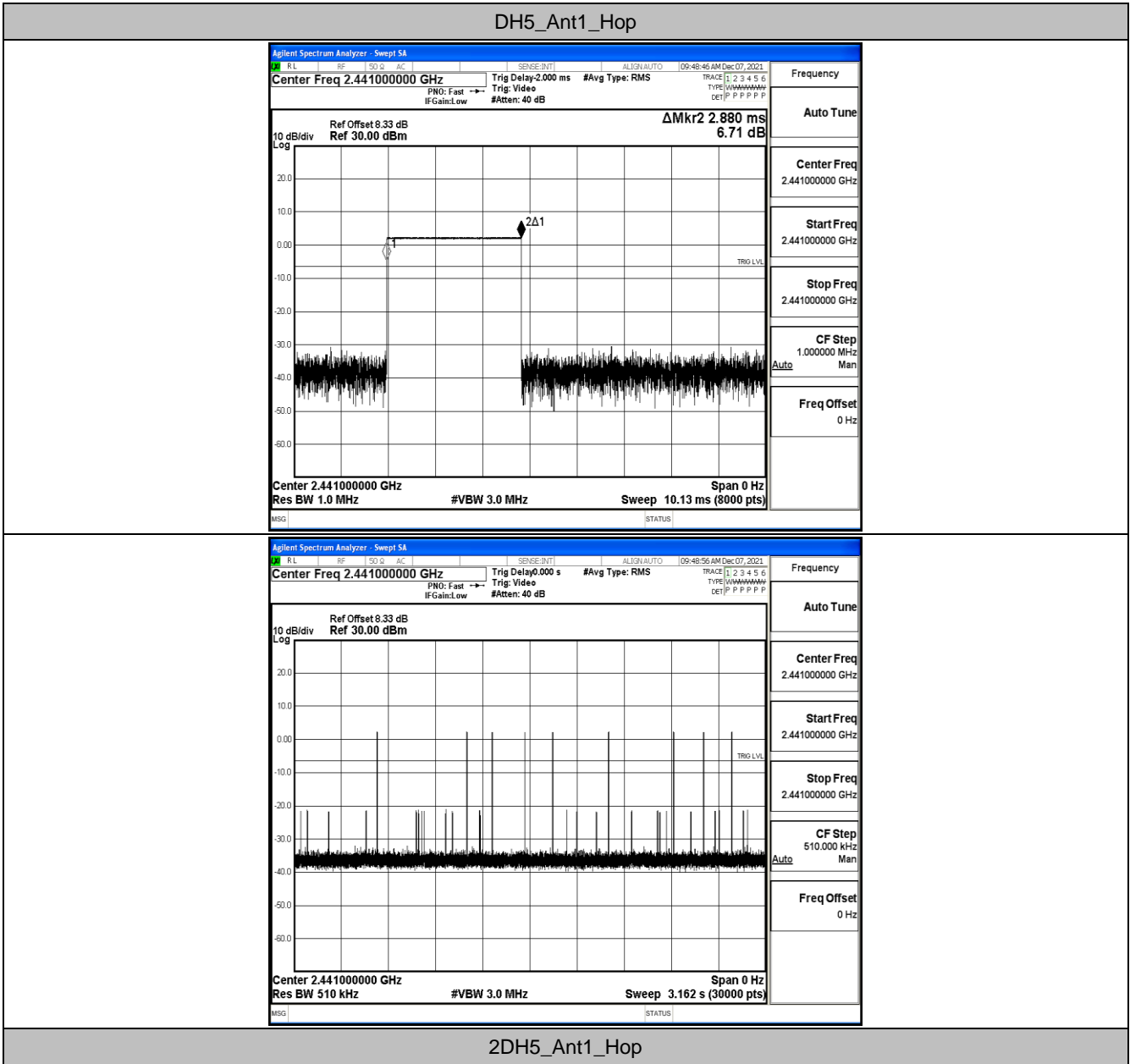
A.4 Time of occupancy

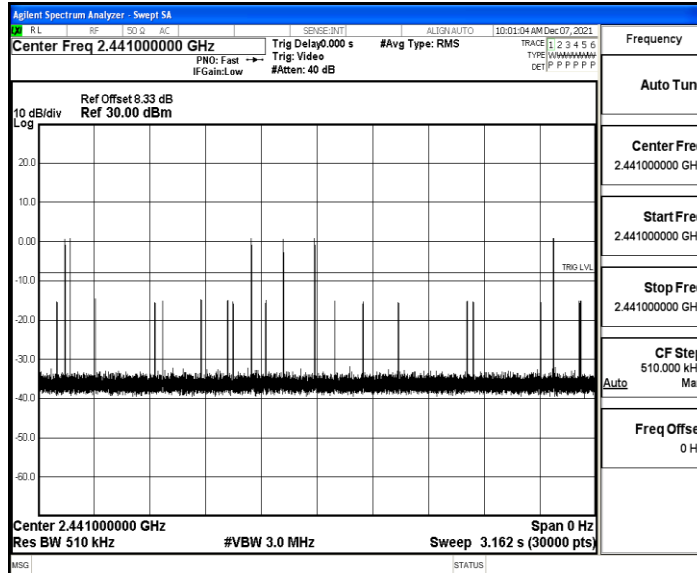
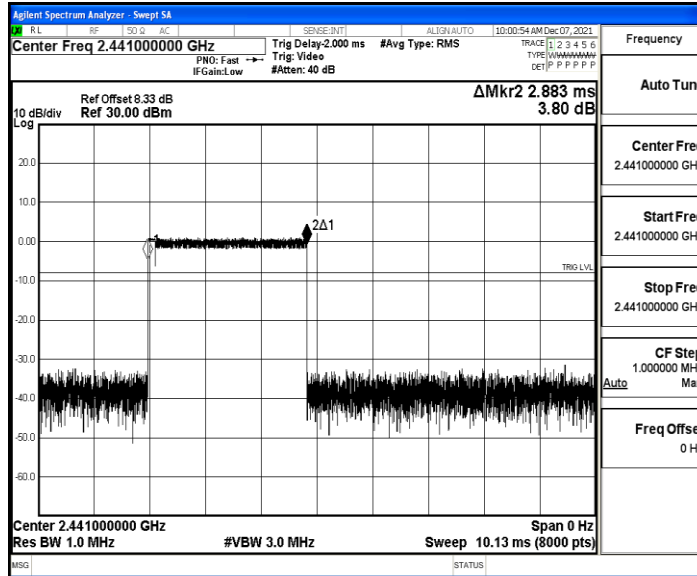
Test Result

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	102	0.294	≤0.4	PASS
3DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS

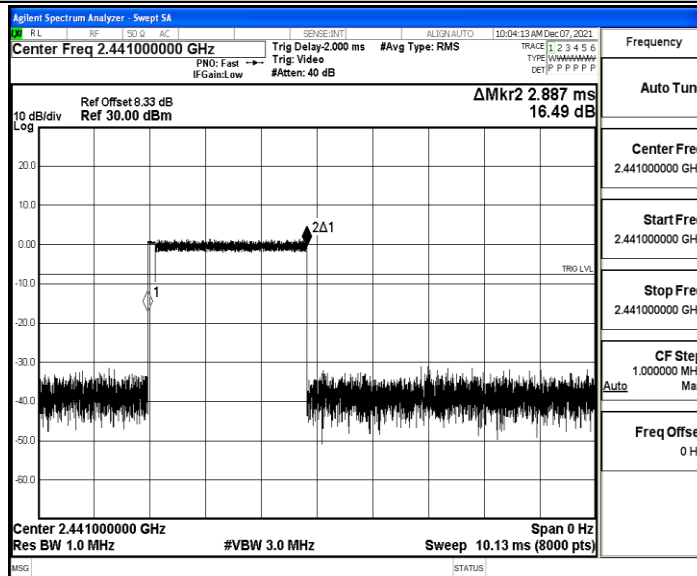


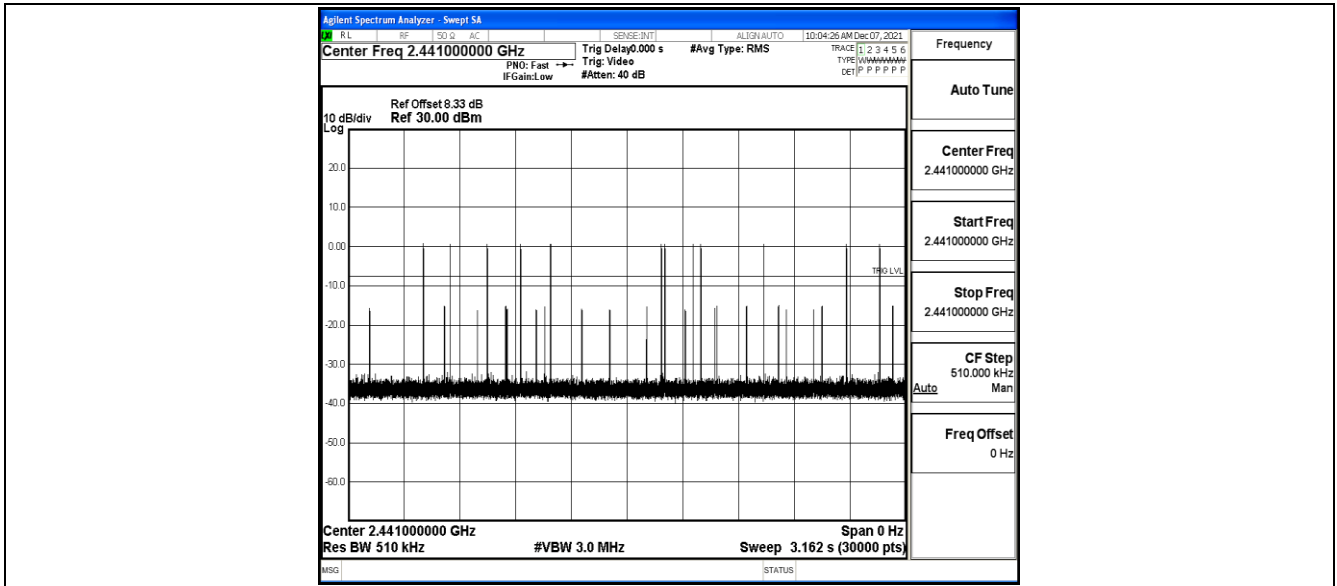
Test Graphs





3DH5_Ant1_Hop







A.5 Number of hopping channels

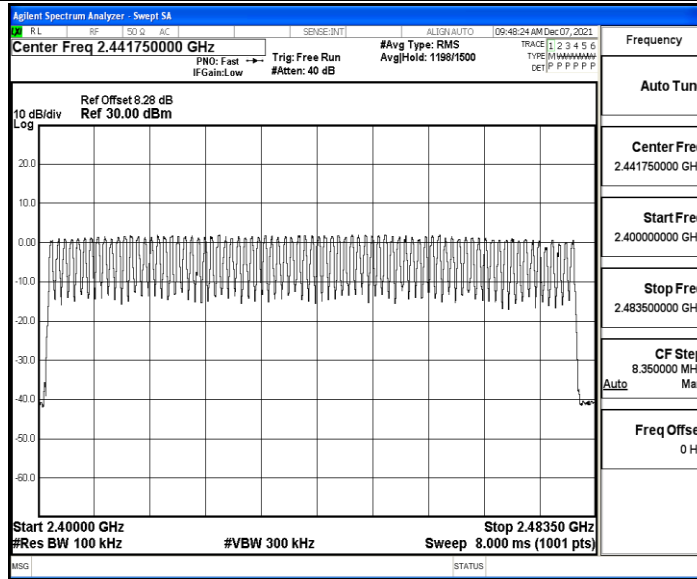
Test Result

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

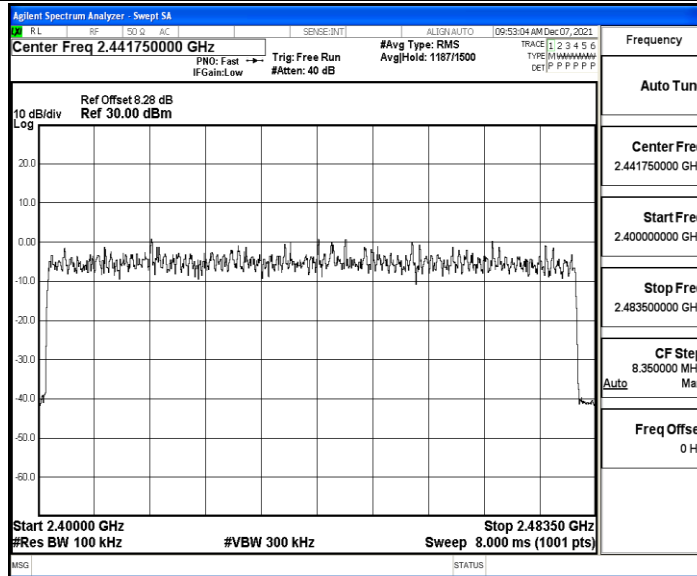


Test Graphs

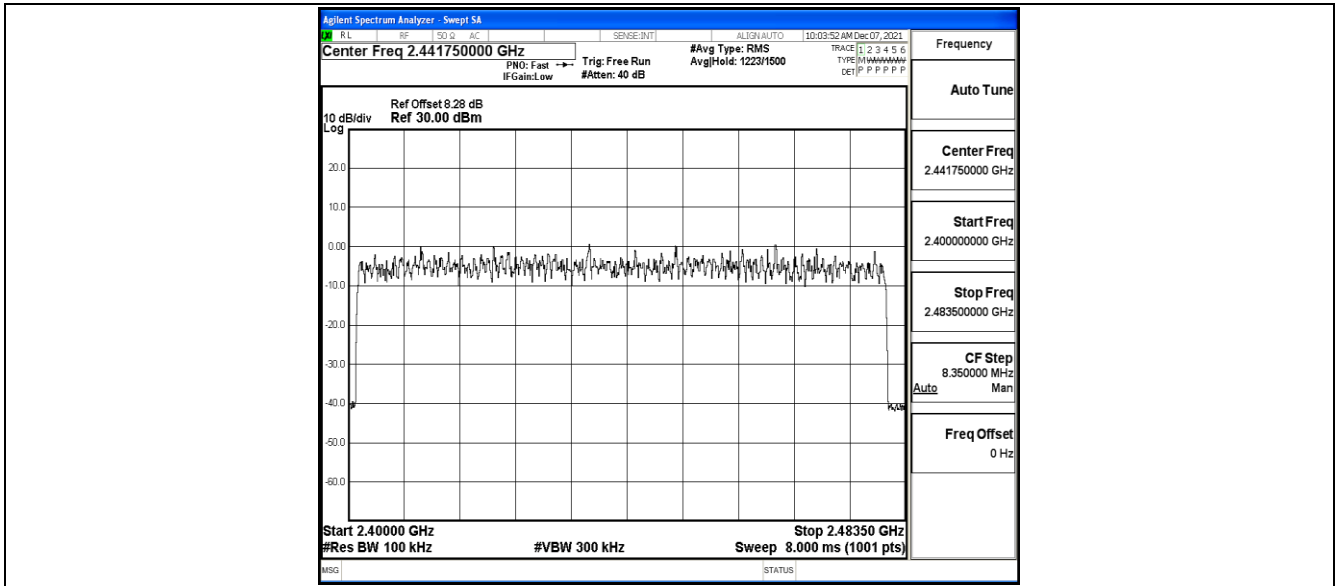
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

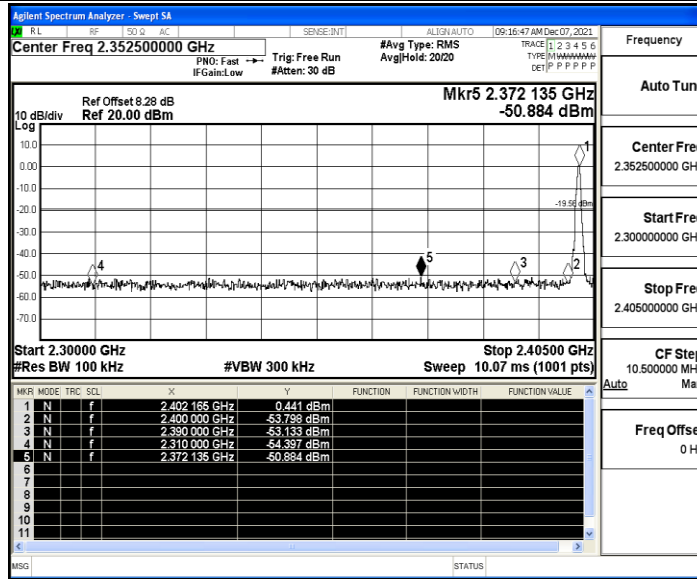
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.44	-50.88	≤ -19.56	PASS
		High	2480	-0.19	-49.96	≤ -20.19	PASS
		Low	Hop_2402	0.90	-49.01	≤ -19.1	PASS
		High	Hop_2480	0.79	-48.52	≤ -19.21	PASS
2DH5	Ant1	Low	2402	-0.60	-50.45	≤ -20.6	PASS
		High	2480	-4.32	-49.56	≤ -24.32	PASS
		Low	Hop_2402	-3.97	-49.67	≤ -23.97	PASS
		High	Hop_2480	-2.02	-48.19	≤ -22.02	PASS
3DH5	Ant1	Low	2402	-3.81	-49.54	≤ -23.81	PASS
		High	2480	-2.27	-48.97	≤ -22.27	PASS
		Low	Hop_2402	-3.82	-49.48	≤ -23.82	PASS
		High	Hop_2480	-1.40	-47.85	≤ -21.4	PASS

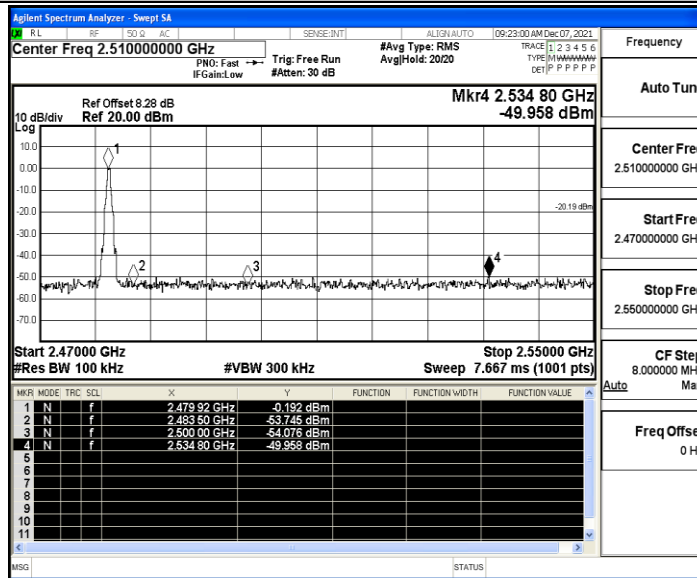


Test Graphs

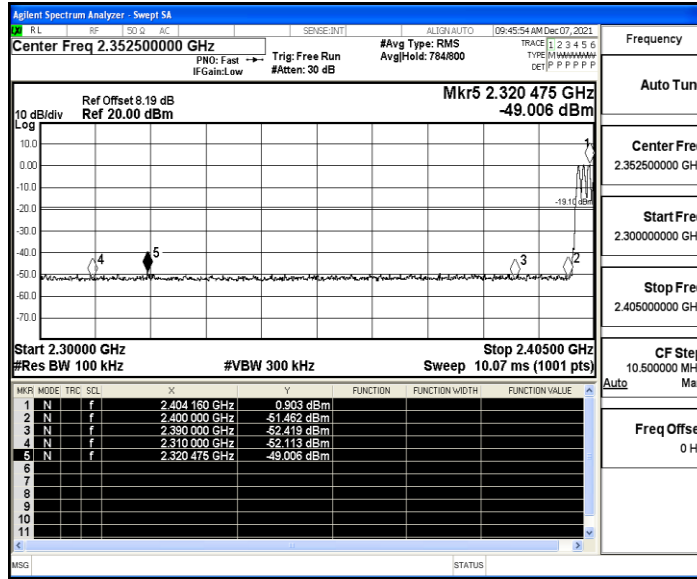
DH5_Ant1_Low_2402



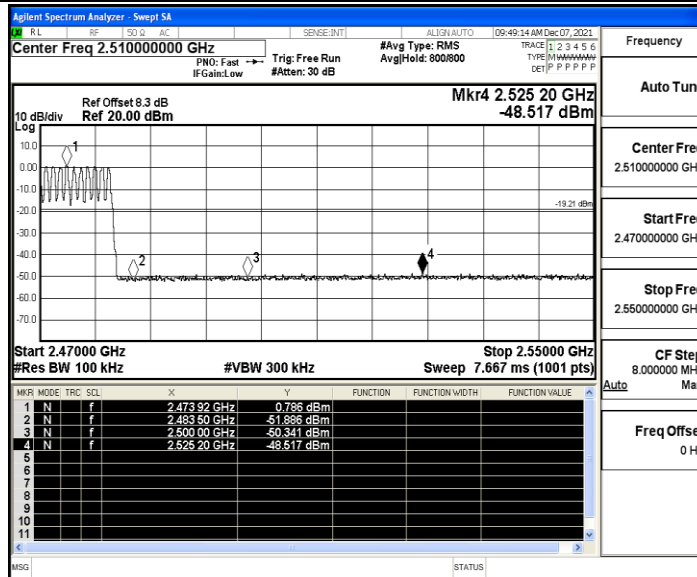
DH5_Ant1_High_2480



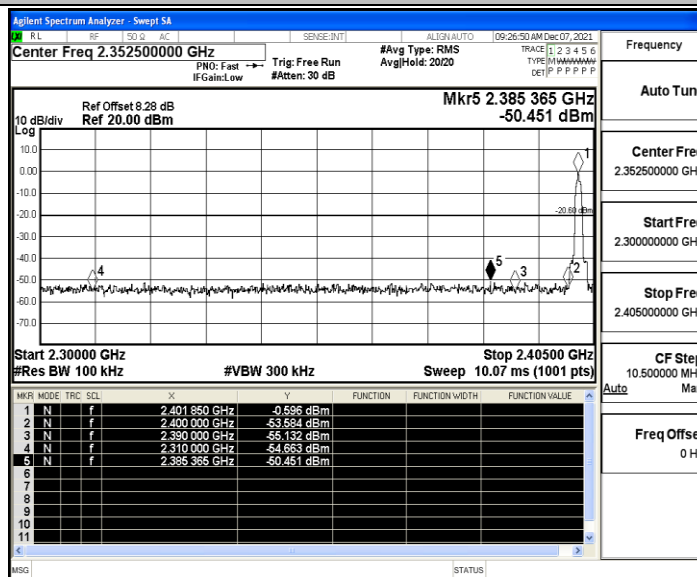
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

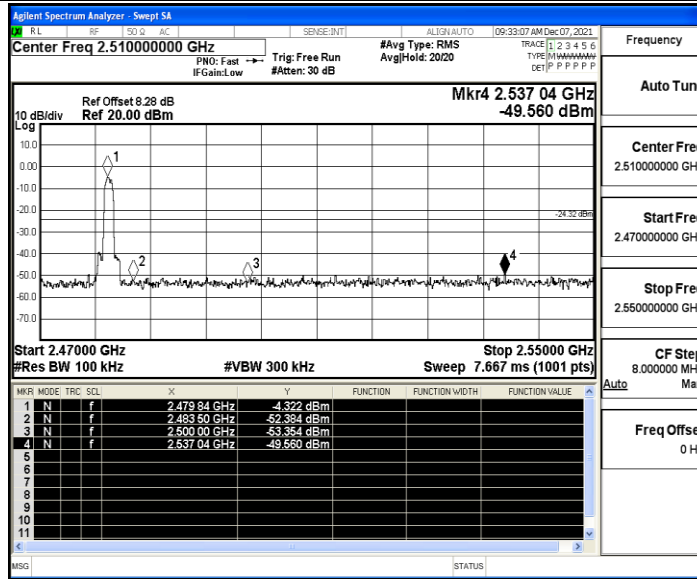


2DH5_Ant1_Low_2402

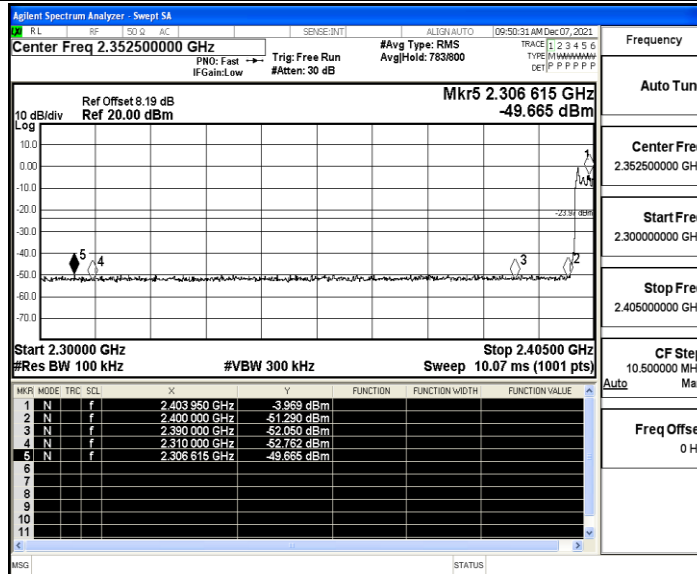




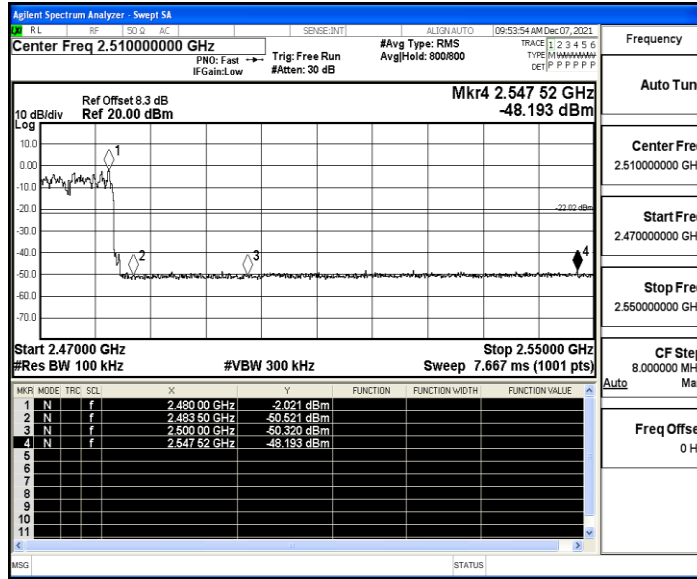
2DH5_Ant1_High_2480



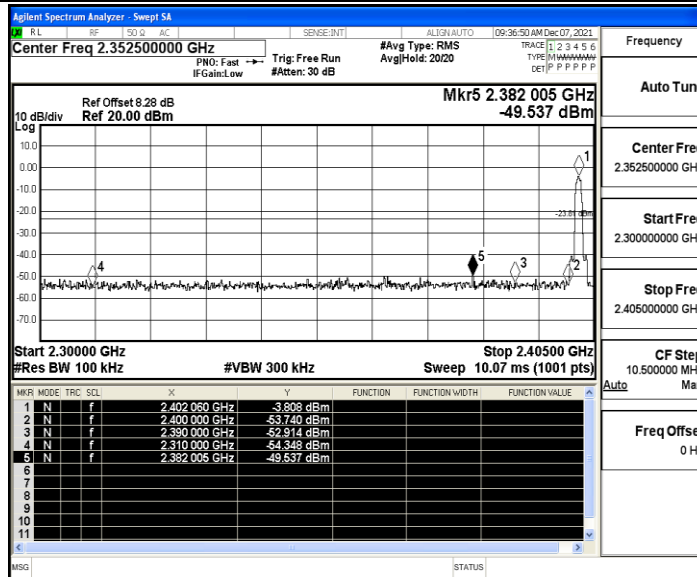
2DH5_Ant1_Low_Hop_2402



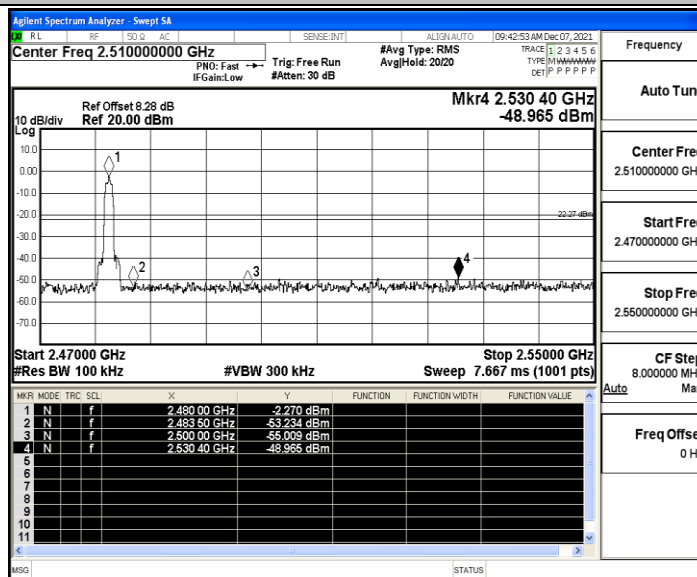
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

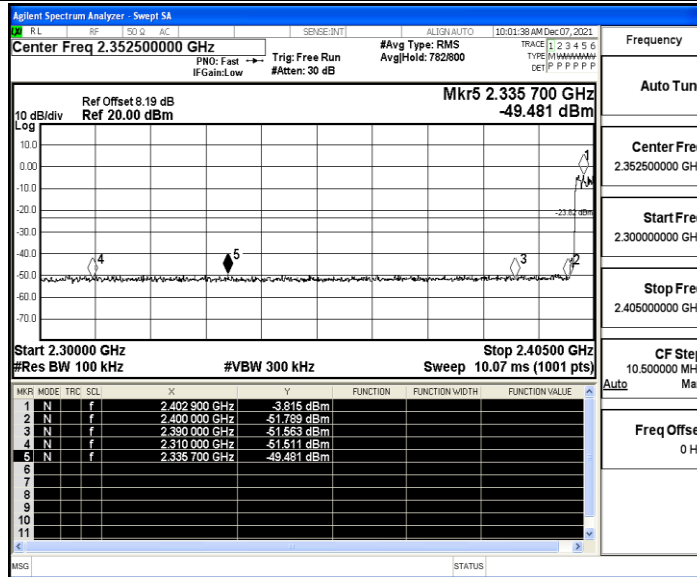


3DH5_Ant1_High_2480

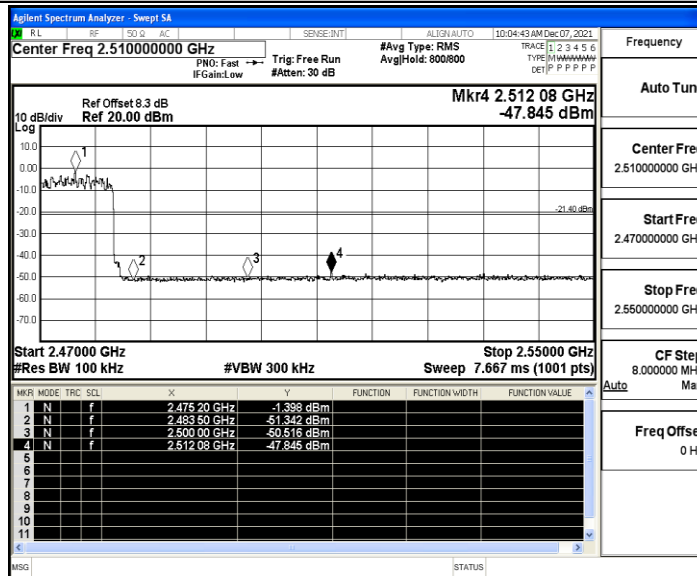




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

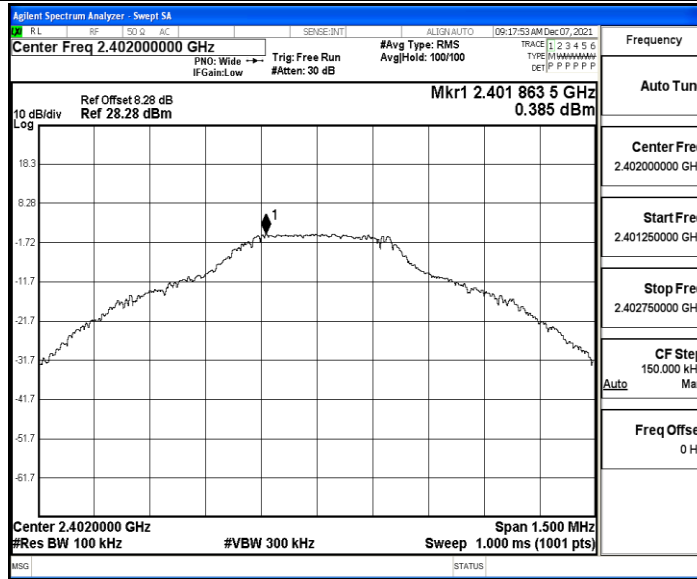
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	0.39	0.39	---	PASS
			30~1000	0.39	-61.63	≤-19.62	PASS
			1000~26500	0.39	-46.46	≤-19.62	PASS
		2441	Reference	1.55	1.55	---	PASS
			30~1000	1.55	-60.77	≤-18.45	PASS
			1000~26500	1.55	-47.03	≤-18.45	PASS
		2480	Reference	0.47	0.47	---	PASS
			30~1000	0.47	-60.93	≤-19.54	PASS
			1000~26500	0.47	-47.1	≤-19.54	PASS
2DH5	Ant1	2402	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-60.98	≤-20.52	PASS
			1000~26500	-0.52	-46.78	≤-20.52	PASS
		2441	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-60.73	≤-19.76	PASS
			1000~26500	0.24	-47.01	≤-19.76	PASS
		2480	Reference	-1.77	-1.77	---	PASS
			30~1000	-1.77	-61.48	≤-21.77	PASS
			1000~26500	-1.77	-47.05	≤-21.77	PASS
3DH5	Ant1	2402	Reference	-0.71	-0.71	---	PASS
			30~1000	-0.71	-60.5	≤-20.71	PASS
			1000~26500	-0.71	-46.56	≤-20.71	PASS
		2441	Reference	0.57	0.57	---	PASS
			30~1000	0.57	-59.96	≤-19.43	PASS
			1000~26500	0.57	-46.71	≤-19.43	PASS
		2480	Reference	-4.15	-4.15	---	PASS
			30~1000	-4.15	-61.24	≤-24.15	PASS
			1000~26500	-4.15	-46.74	≤-24.15	PASS

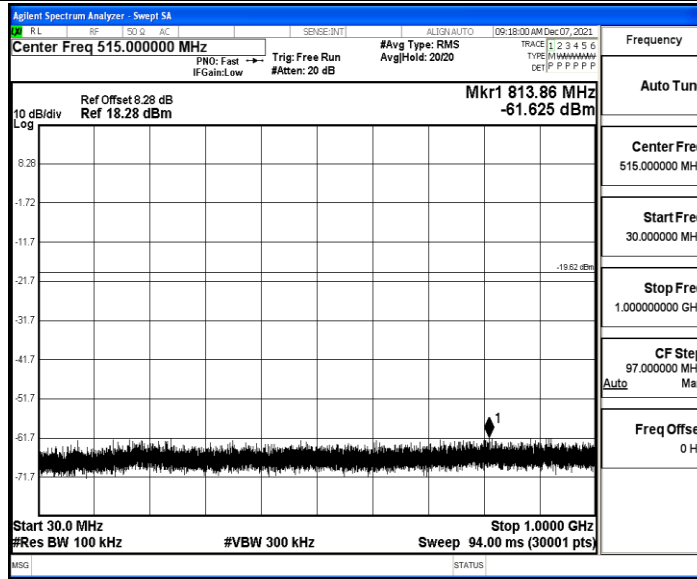


Test Graphs

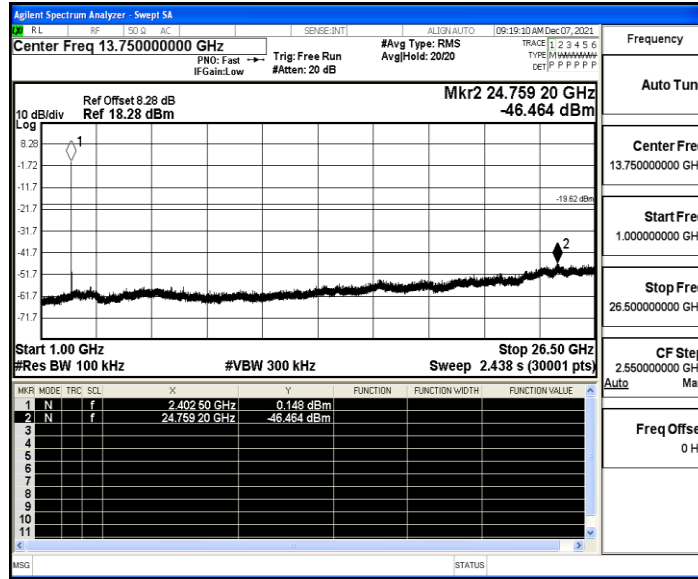
DH5_Ant1_2402_0-Reference



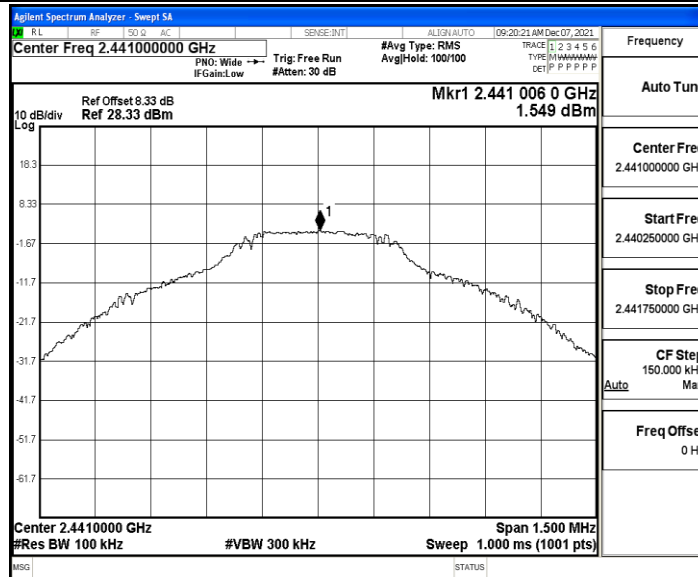
DH5_Ant1_2402_30-1000



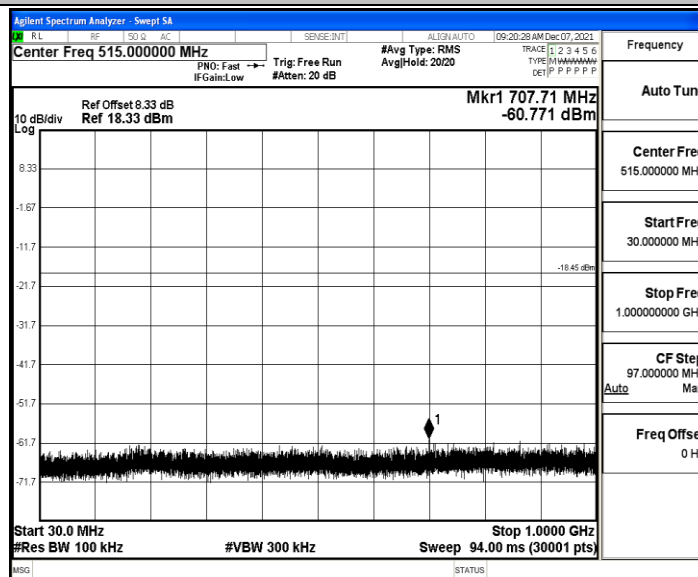
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0-Reference

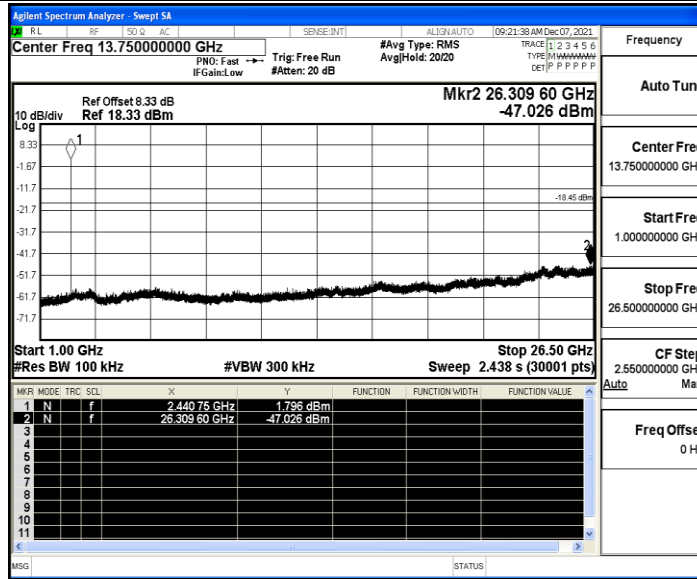


DH5_Ant1_2441_30~1000

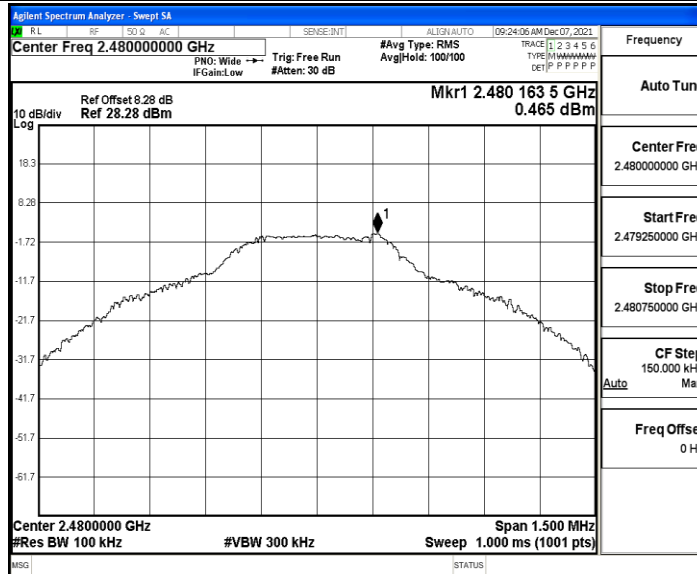




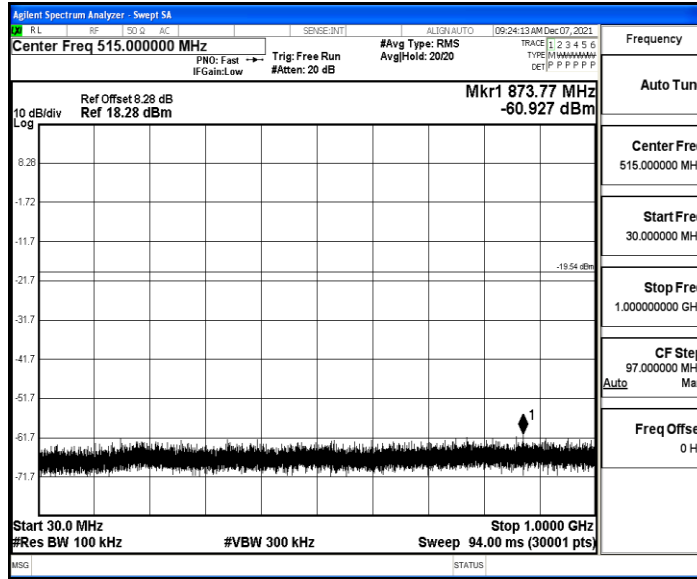
DH5_Ant1_2441_1000~26500



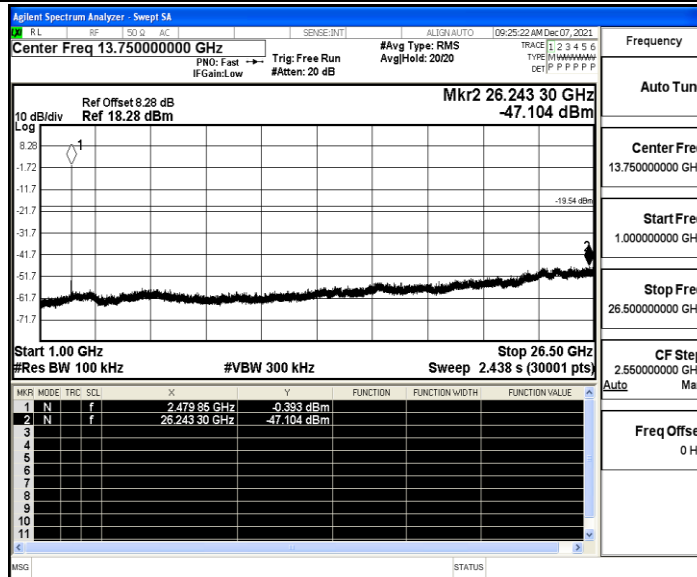
DH5_Ant1_2480_0~Reference



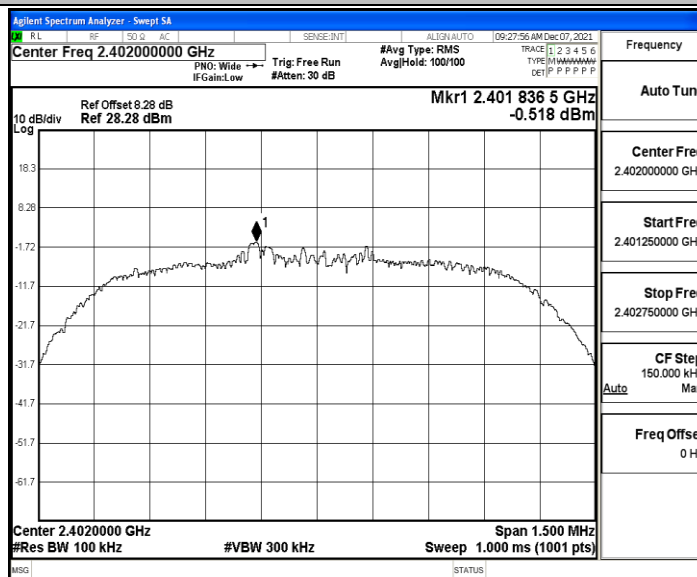
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

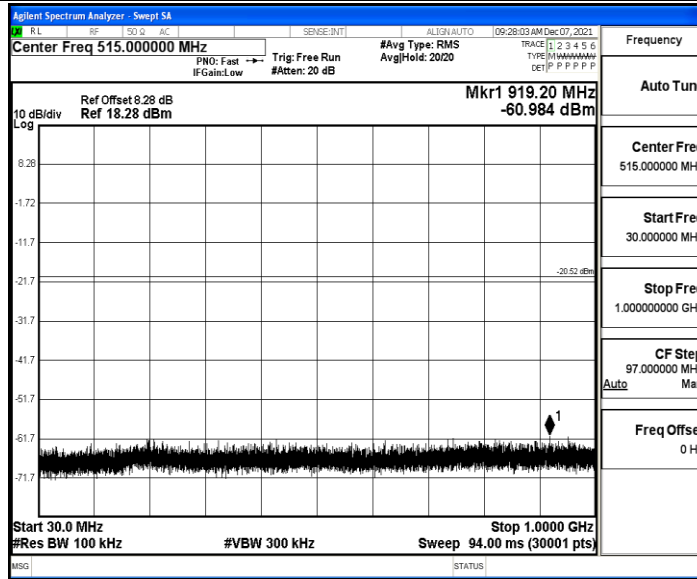


2DH5_Ant1_2402_0~Reference

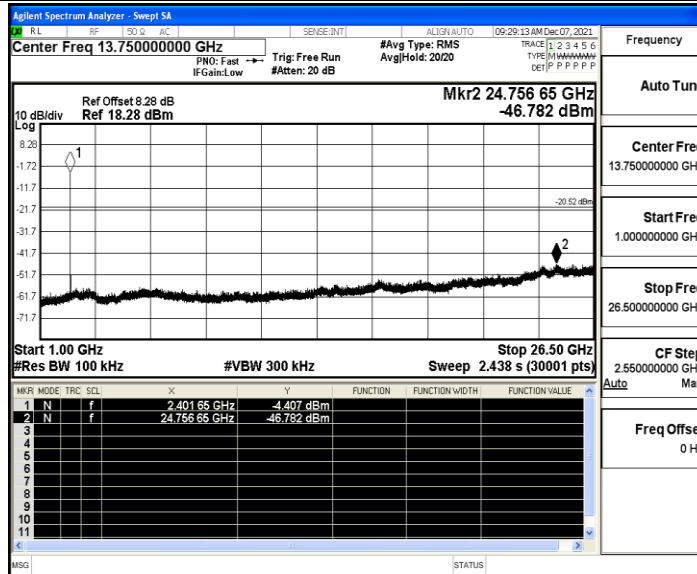




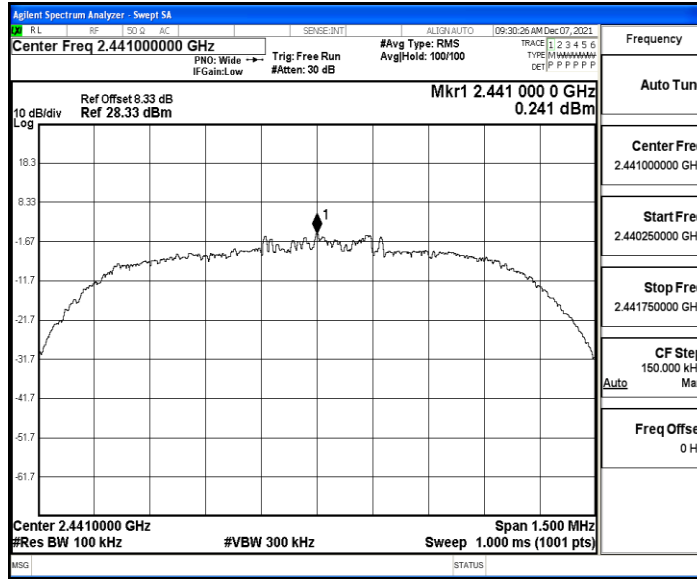
2DH5_Ant1_2402_30~1000



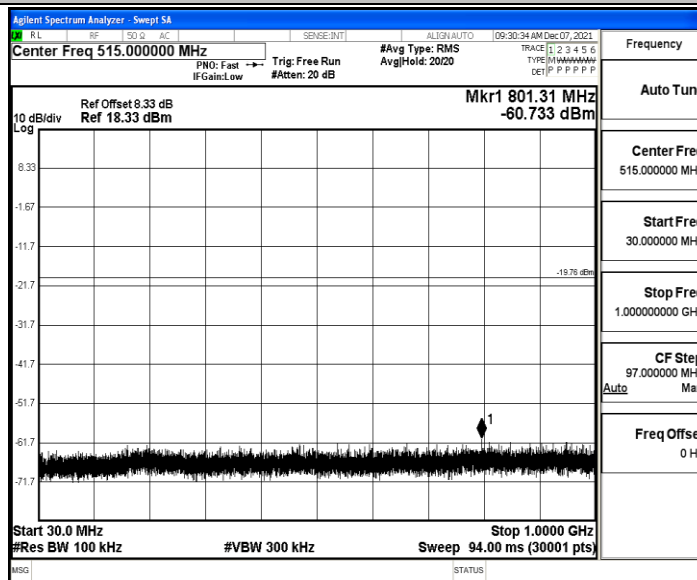
2DH5_Ant1_2402_1000~26500



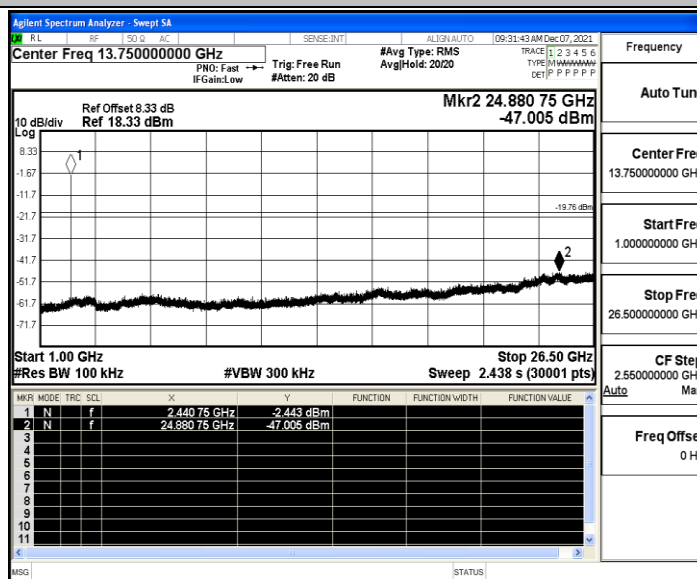
2DH5_Ant1_2441_0~Reference



2DH5_Ant1_2441_30~1000

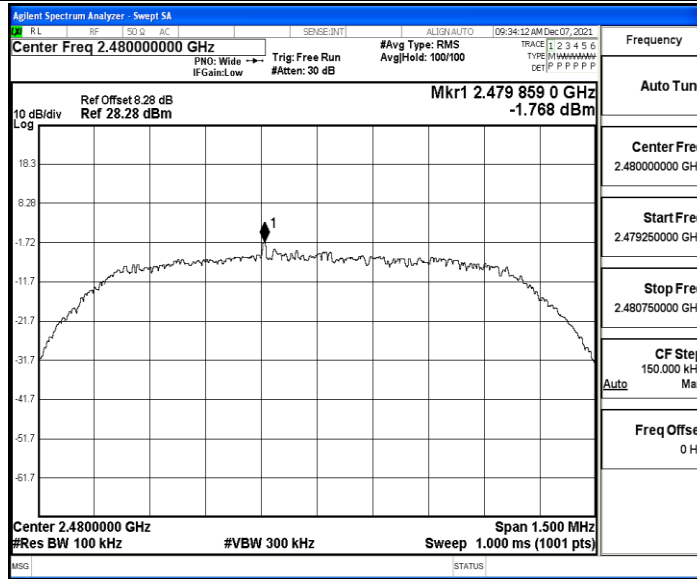


2DH5_Ant1_2441_1000~26500

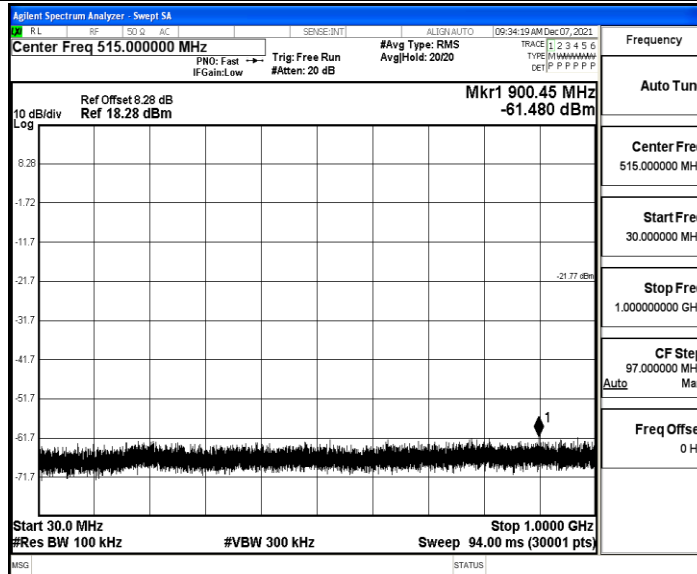




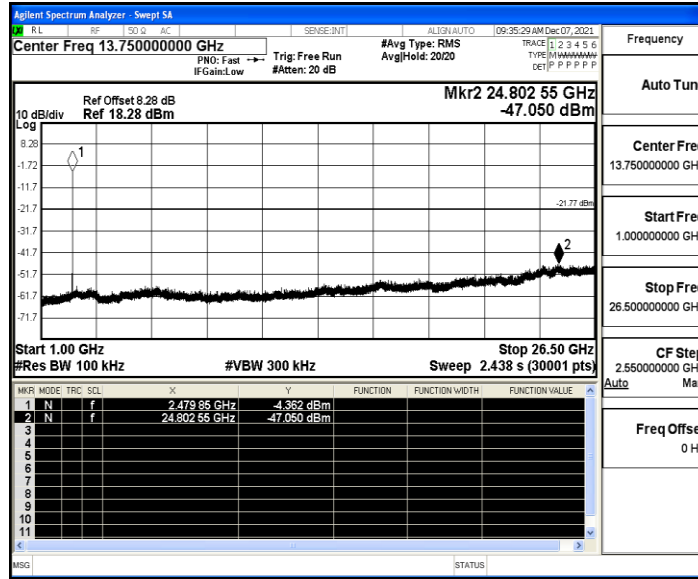
2DH5_Ant1_2480_0~Reference



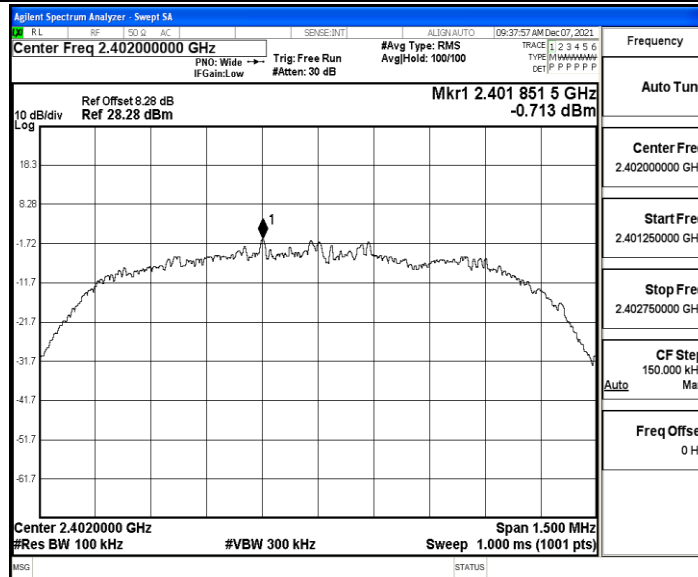
2DH5_Ant1_2480_30~1000



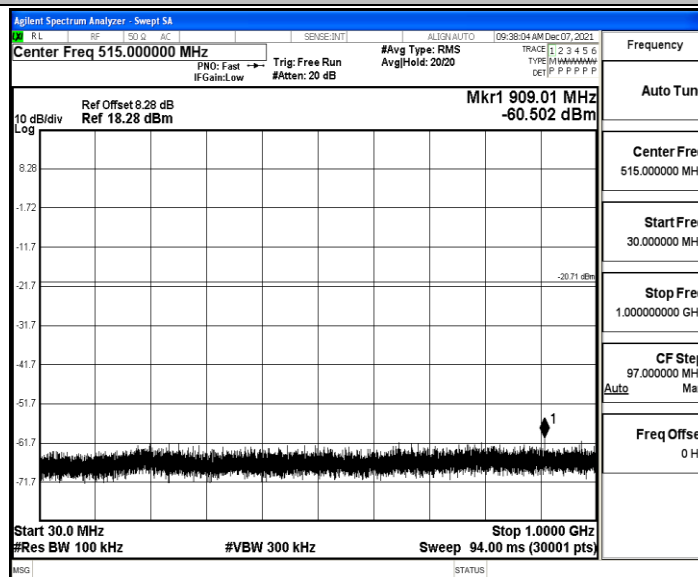
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

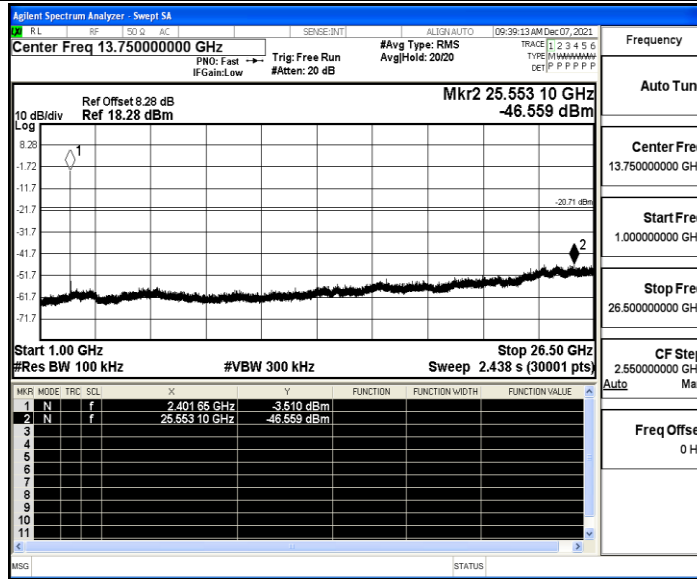


3DH5_Ant1_2402_30~1000

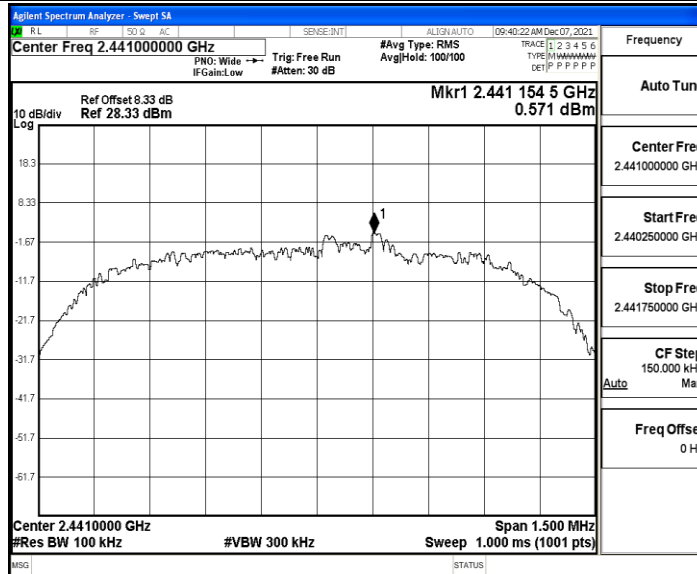




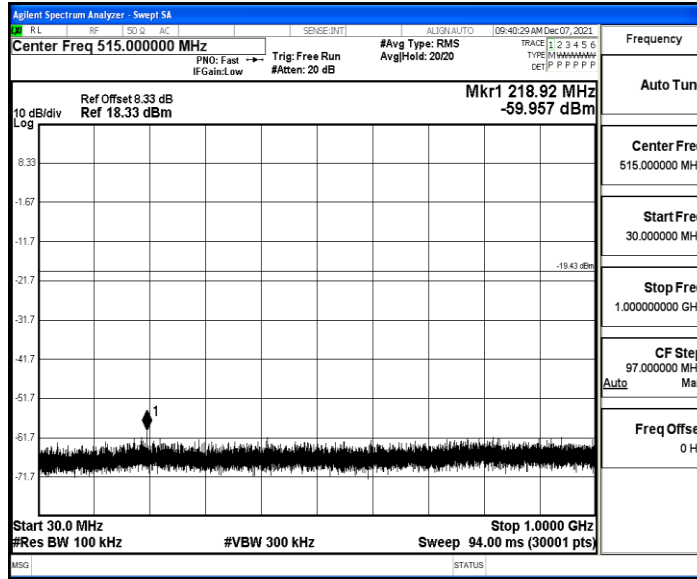
3DH5_Ant1_2402_1000~26500



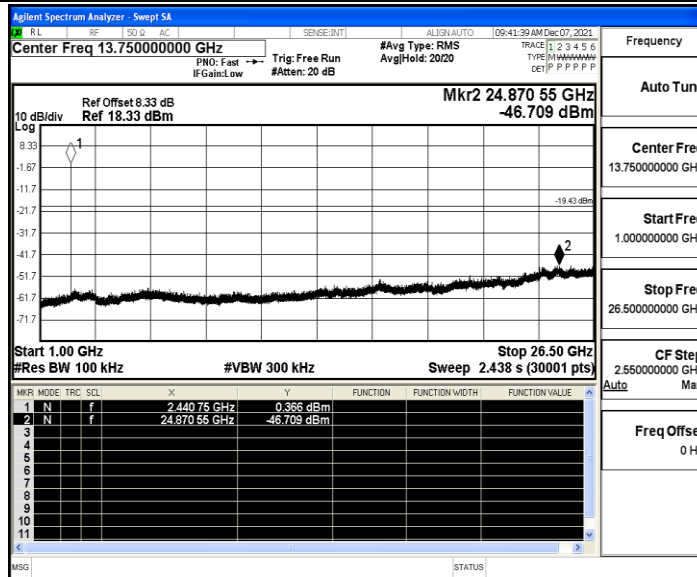
3DH5_Ant1_2441_0~Reference



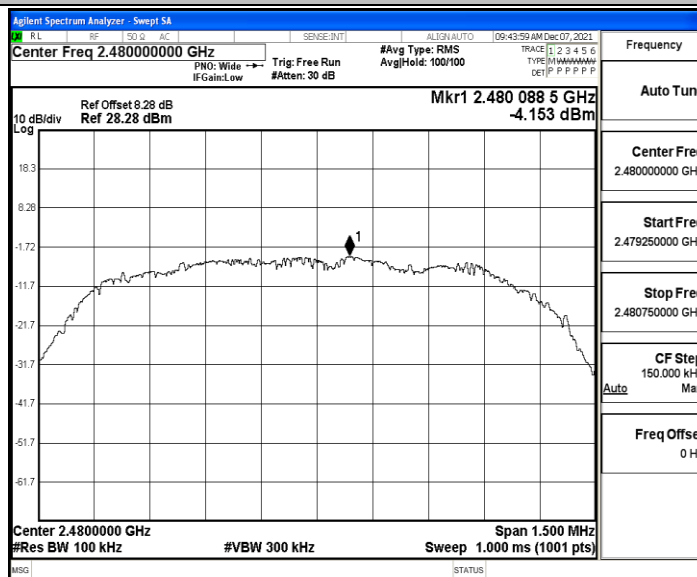
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

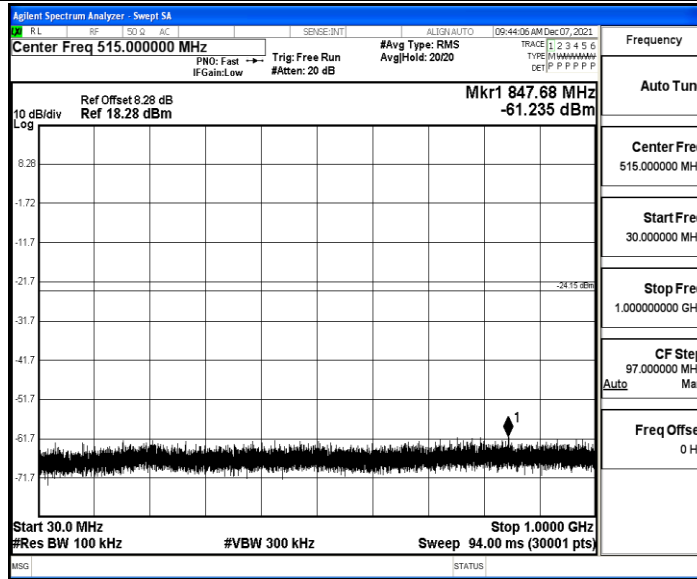


3DH5_Ant1_2480_0~Reference

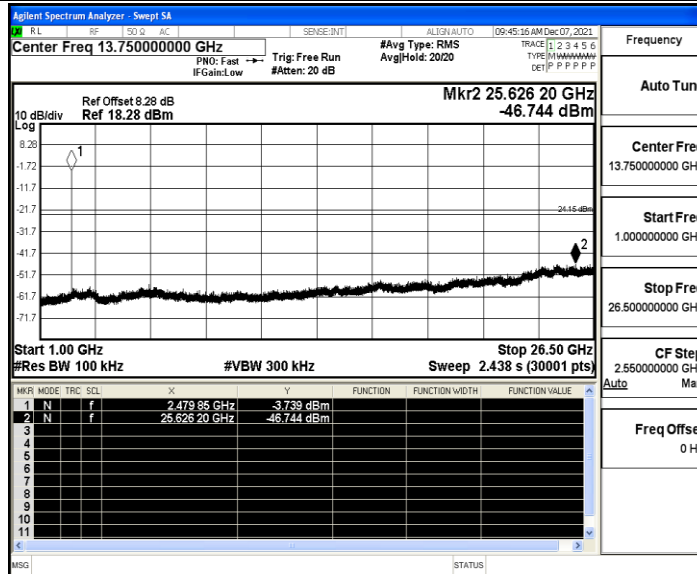




3DH5_Ant1_2480_30~1000



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	-48.88	≤-41.20	46.32	≤54	PASS
				AV	2389.040	-48.36	≤-41.20	46.84	≤54	PASS
				AV	2390.000	-48.54	≤-41.20	46.66	≤54	PASS
				Peak	2310.000	-42.97	≤-21.20	52.23	≤74	PASS
				Peak	2332.970	-39.54	≤-21.20	55.66	≤74	PASS
				Peak	2390.000	-42.49	≤-21.20	52.71	≤74	PASS
		High	2480	AV	2483.500	-47.77	≤-41.20	47.43	≤54	PASS
				AV	2483.600	-47.73	≤-41.20	47.47	≤54	PASS
				AV	2500.000	-47.88	≤-41.20	47.32	≤54	PASS
				Peak	2483.500	-42.83	≤-21.20	52.37	≤74	PASS
				Peak	2486.320	-39.06	≤-21.20	56.14	≤74	PASS
				Peak	2500.000	-45.45	≤-21.20	49.75	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.83	≤-41.20	46.37	≤54	PASS
				AV	2381.375	-48.24	≤-41.20	46.96	≤54	PASS
				AV	2390.000	-48.53	≤-41.20	46.67	≤54	PASS
				Peak	2310.000	-42.81	≤-21.20	52.39	≤74	PASS
				Peak	2367.935	-39.52	≤-21.20	55.68	≤74	PASS
				Peak	2390.000	-41.6	≤-21.20	53.60	≤74	PASS
		High	2480	AV	2483.500	-47.76	≤-41.20	47.44	≤54	PASS
				AV	2499.920	-47.66	≤-41.20	47.54	≤54	PASS
				AV	2500.000	-47.62	≤-41.20	47.58	≤54	PASS
				Peak	2483.500	-43.24	≤-21.20	51.96	≤74	PASS
				Peak	2497.760	-39.06	≤-21.20	56.14	≤74	PASS
				Peak	2500.000	-42.71	≤-21.20	52.49	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.82	≤-41.20	46.38	≤54	PASS
				AV	2385.575	-48.21	≤-41.20	46.99	≤54	PASS
				AV	2390.000	-48.36	≤-41.20	46.84	≤54	PASS
				Peak	2310.000	-41.04	≤-21.20	54.16	≤74	PASS
				Peak	2365.730	-37.96	≤-21.20	57.24	≤74	PASS
				Peak	2390.000	-43.09	≤-21.20	52.11	≤74	PASS
		High	2480	AV	2483.500	-47.68	≤-41.20	47.52	≤54	PASS
				AV	2497.120	-47.66	≤-41.20	47.54	≤54	PASS
				AV	2500.000	-47.77	≤-41.20	47.43	≤54	PASS
				Peak	2483.500	-43.98	≤-21.20	51.22	≤74	PASS
				Peak	2498.560	-39.07	≤-21.20	56.13	≤74	PASS
				Peak	2500.000	-41.4	≤-21.20	53.80	≤74	PASS



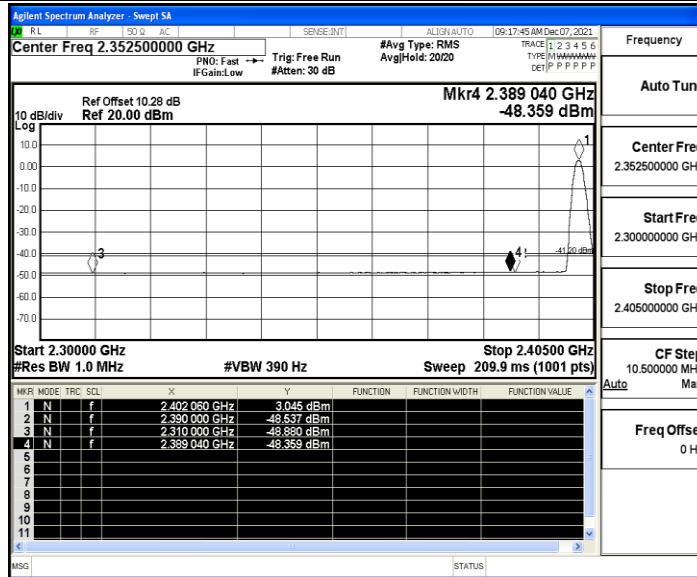
Note:

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.

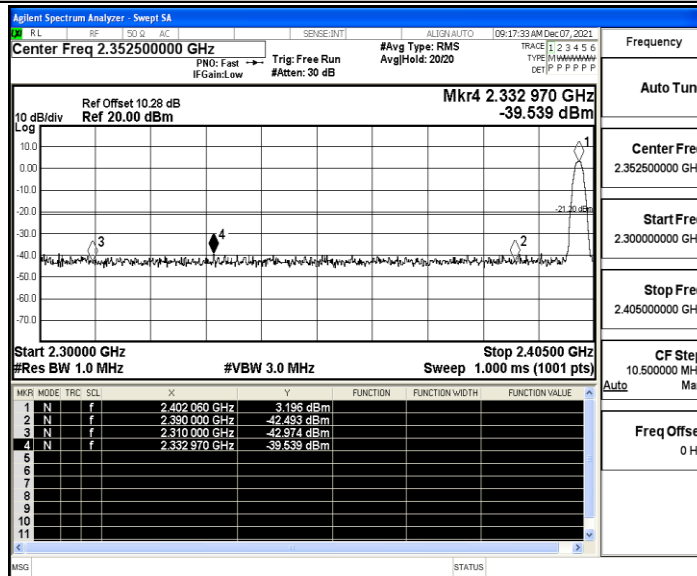


Test Graphs

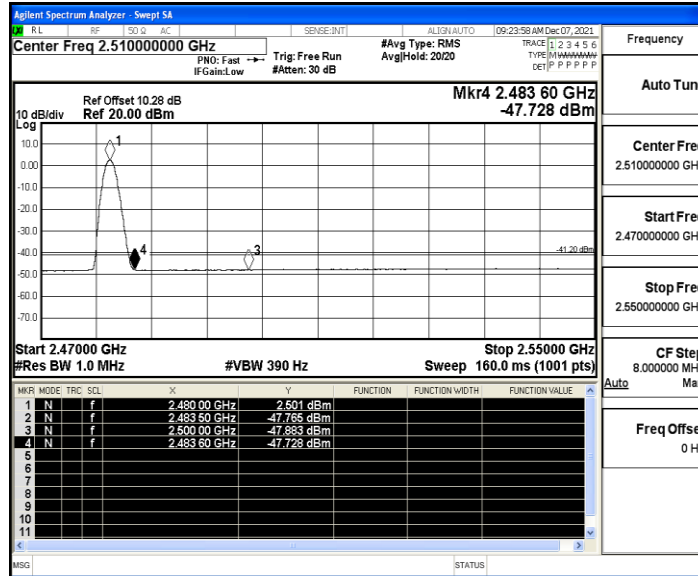
DH5_Ant1_Low_2402_AV



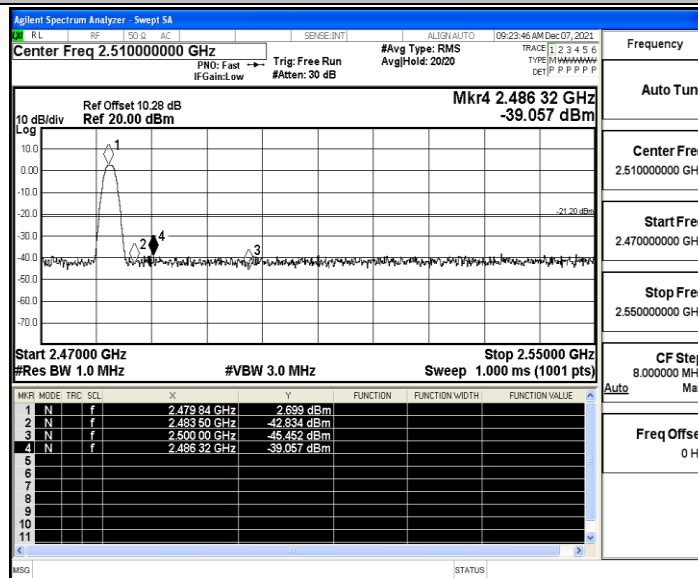
DH5_Ant1_Low_2402_Peak



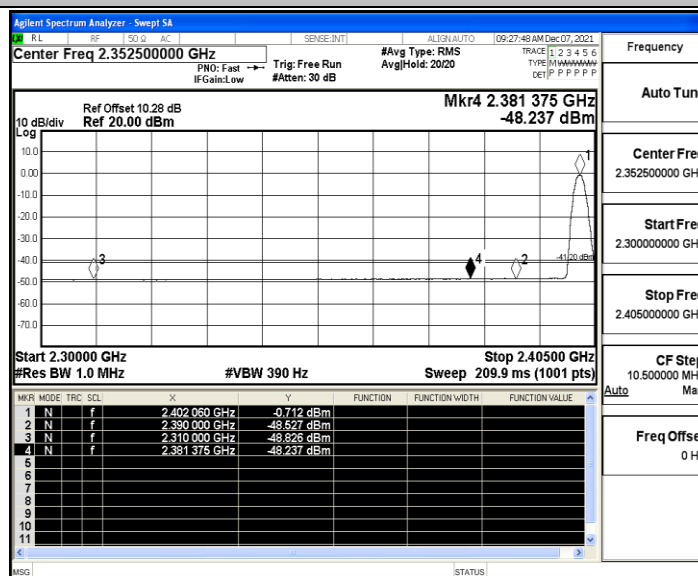
DH5_Ant1_High_2480_AV



DH5_Ant1_High_2480_Peak

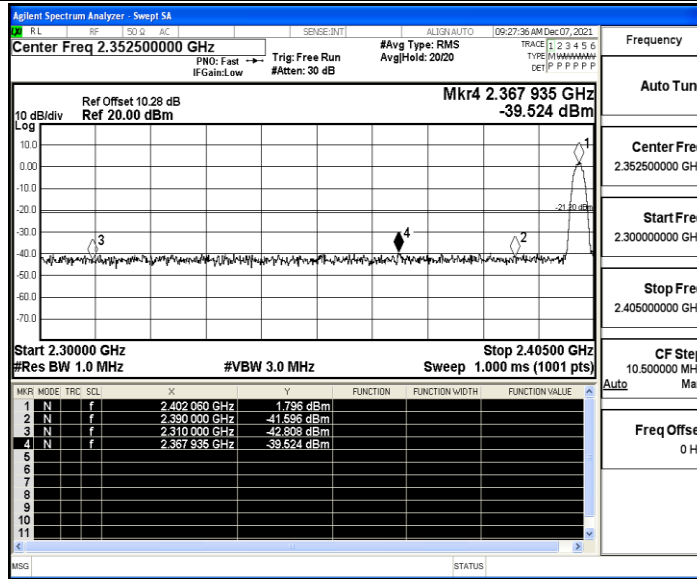


2DH5_Ant1_Low_2402_AV

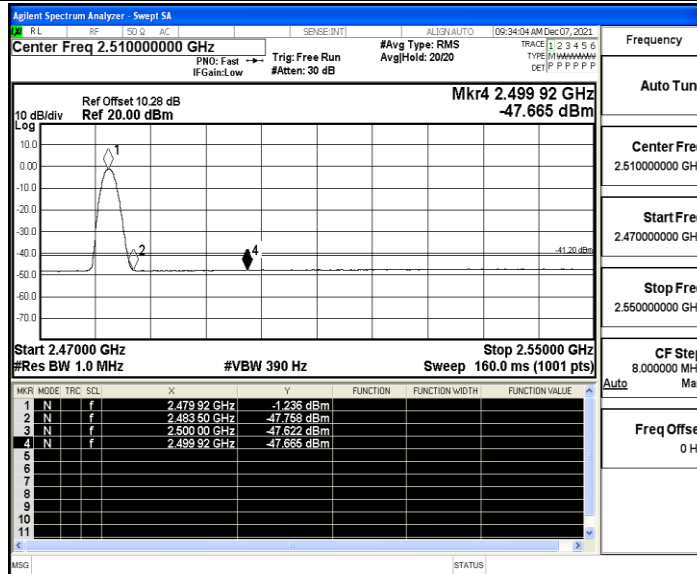




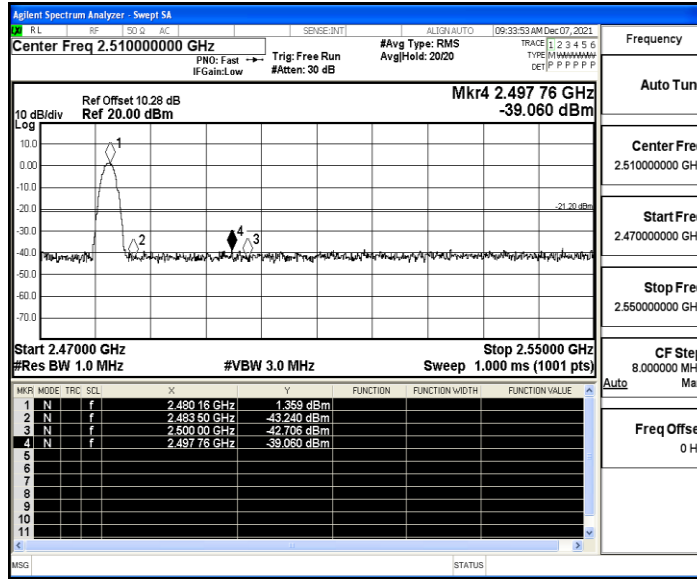
2DH5_Ant1_Low_2402_Peak



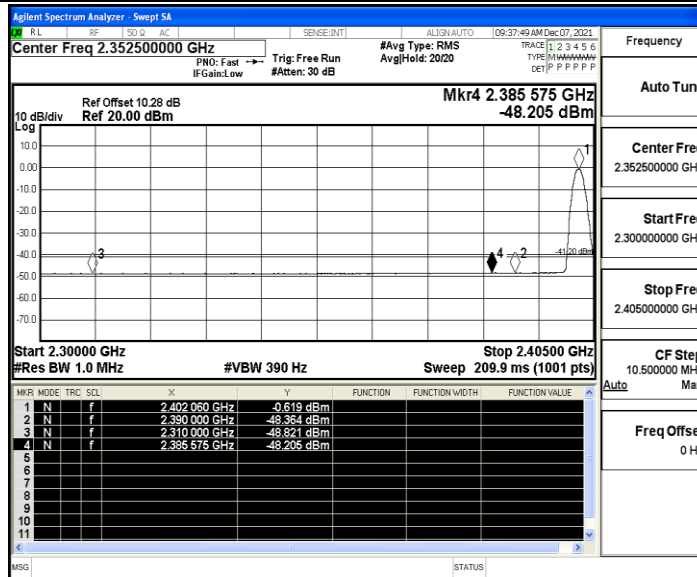
2DH5_Ant1_High_2480_AV



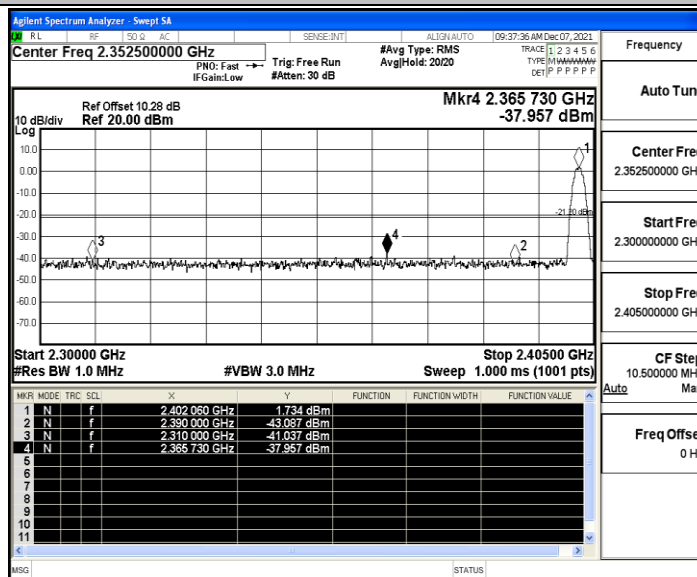
2DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_2402_AV

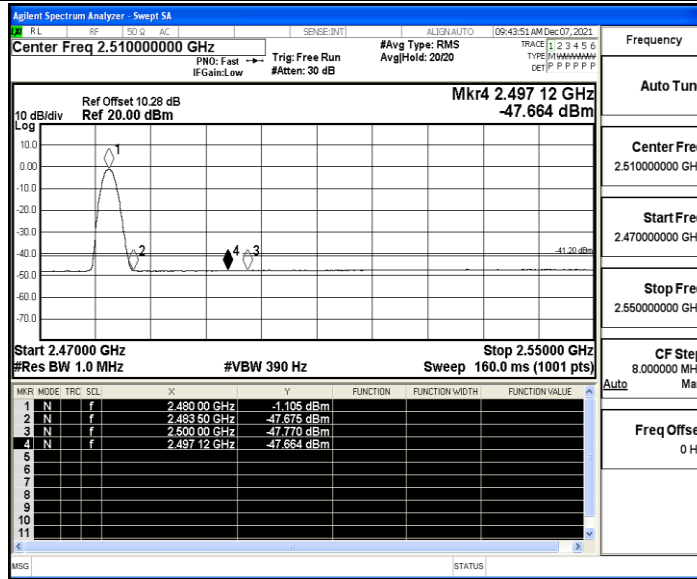


3DH5_Ant1_Low_2402_Peak





3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

