

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.960	2401.514	2402.474	---	PASS
	Ant2	2402	0.957	2401.514	2402.471	---	PASS
	Ant1	2441	0.957	2440.514	2441.471	---	PASS
	Ant2	2441	0.957	2440.514	2441.471	---	PASS
	Ant1	2480	0.957	2479.514	2480.471	---	PASS
	Ant2	2480	0.957	2479.514	2480.471	---	PASS
2DH5	Ant1	2402	1.332	2401.313	2402.645	---	PASS
	Ant2	2402	1.332	2401.313	2402.645	---	PASS
	Ant1	2441	1.332	2440.313	2441.645	---	PASS
	Ant2	2441	1.335	2440.310	2441.645	---	PASS
	Ant1	2480	1.329	2479.316	2480.645	---	PASS
	Ant2	2480	1.332	2479.313	2480.645	---	PASS
3DH5	Ant1	2402	1.302	2401.334	2402.636	---	PASS
	Ant2	2402	1.302	2401.331	2402.633	---	PASS
	Ant1	2441	1.302	2440.334	2441.636	---	PASS
	Ant2	2441	1.299	2440.331	2441.630	---	PASS
	Ant1	2480	1.299	2479.334	2480.633	---	PASS
	Ant2	2480	1.302	2479.331	2480.633	---	PASS

Test Graphs



DH5_Ant1_2402



DH5_Ant2_2402



DH5_Ant1_2441



DH5_Ant2_2441



DH5_Ant1_2480



DH5_Ant2_2480



2DH5_Ant1_2402



2DH5_Ant2_2402



2DH5_Ant1_2441



2DH5_Ant2_2441



2DH5_Ant1_2480



2DH5_Ant2_2480



3DH5_Ant1_2402



3DH5_Ant2_2402



3DH5_Ant1_2441



3DH5_Ant2_2441



3DH5_Ant1_2480



3DH5_Ant2_2480

Appendix B: Occupied Channel Bandwidth

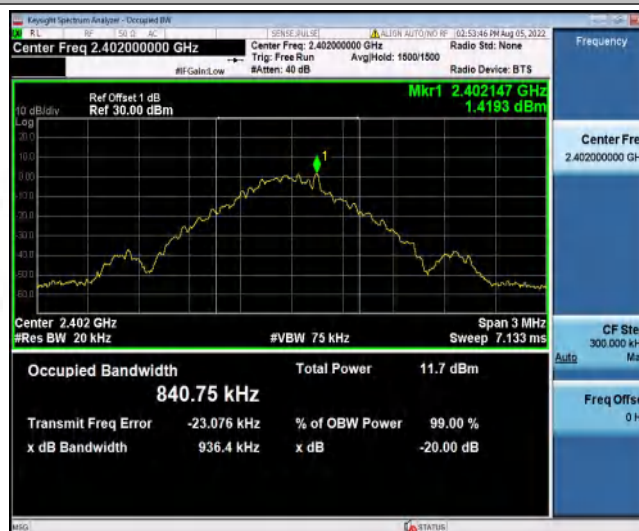
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.84228	2401.556	2402.398	---	PASS
	Ant2	2402	0.84075	2401.557	2402.397	---	PASS
	Ant1	2441	0.84255	2440.556	2441.398	---	PASS
	Ant2	2441	0.84296	2440.555	2441.398	---	PASS
	Ant1	2480	0.84092	2479.557	2480.397	---	PASS
	Ant2	2480	0.84119	2479.556	2480.397	---	PASS
2DH5	Ant1	2402	1.1741	2401.394	2402.568	---	PASS
	Ant2	2402	1.1735	2401.394	2402.568	---	PASS
	Ant1	2441	1.1748	2440.395	2441.570	---	PASS
	Ant2	2441	1.1747	2440.394	2441.568	---	PASS
	Ant1	2480	1.1746	2479.395	2480.570	---	PASS
	Ant2	2480	1.1750	2479.393	2480.568	---	PASS
3DH5	Ant1	2402	1.1750	2401.394	2402.569	---	PASS
	Ant2	2402	1.1741	2401.392	2402.566	---	PASS
	Ant1	2441	1.1748	2440.394	2441.568	---	PASS
	Ant2	2441	1.1751	2440.391	2441.566	---	PASS
	Ant1	2480	1.1753	2479.393	2480.568	---	PASS
	Ant2	2480	1.1761	2479.390	2480.566	---	PASS

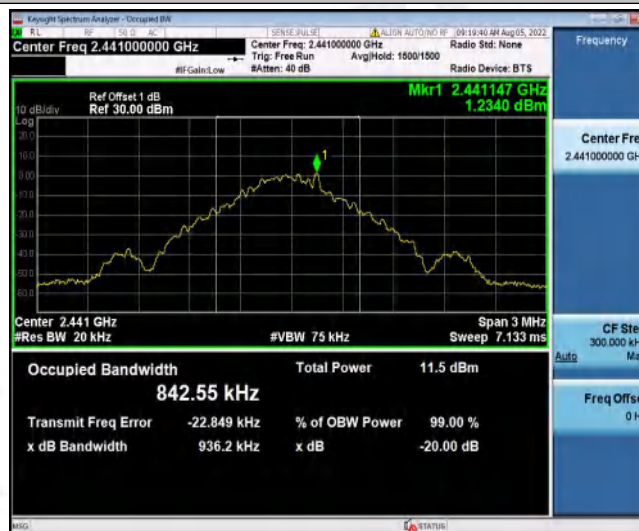
Test Graphs



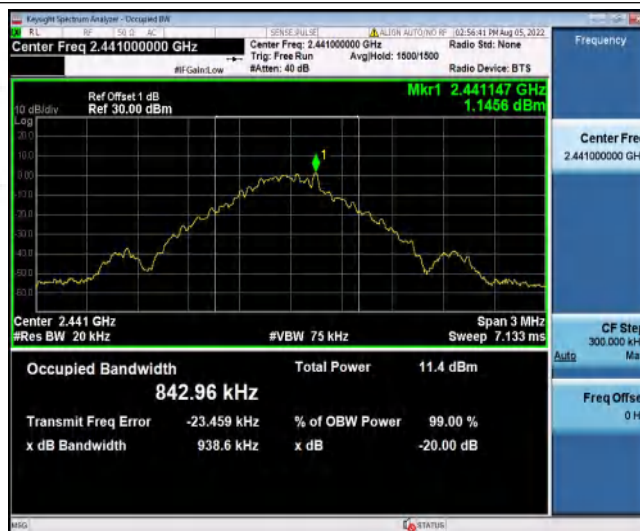
DH5_Ant1_2402



DH5_Ant2_2402



DH5_Ant1_2441



DH5_Ant2_2441



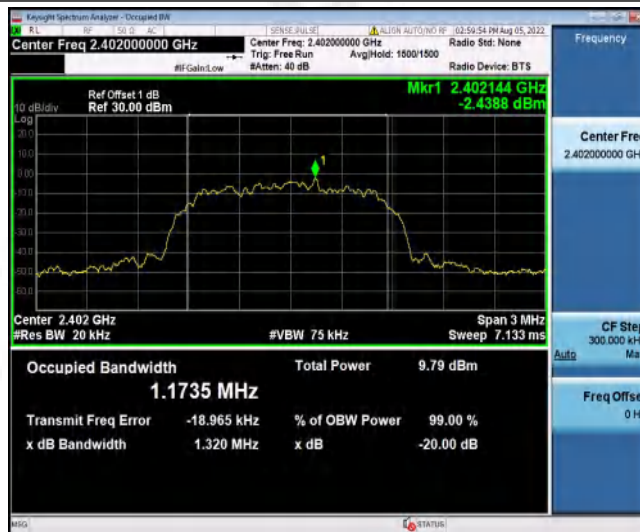
DH5_Ant1_2480



DH5_Ant2_2480



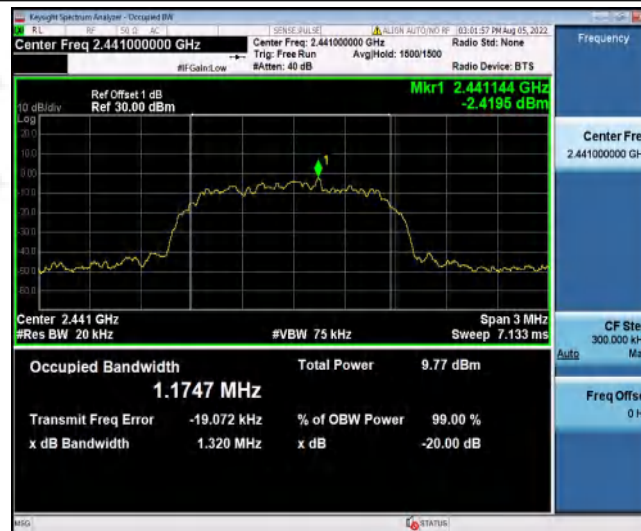
2DH5_Ant1_2402



2DH5_Ant2_2402



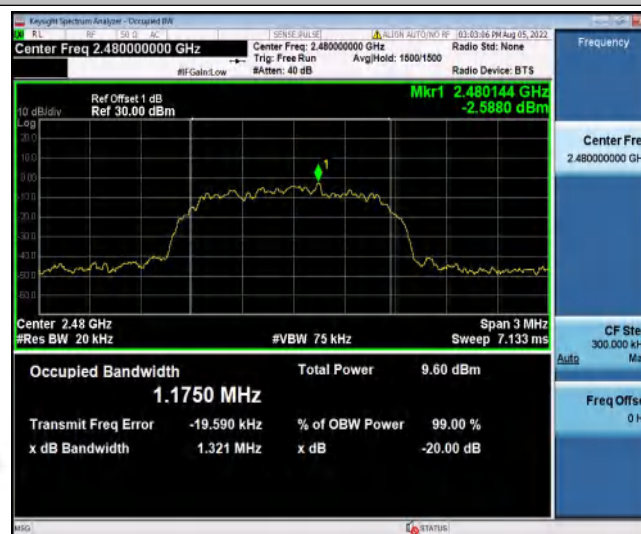
2DH5_Ant1_2441



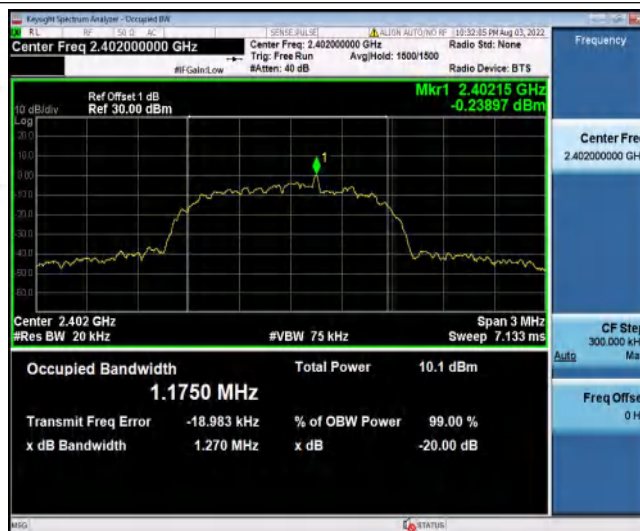
2DH5_Ant2_2441



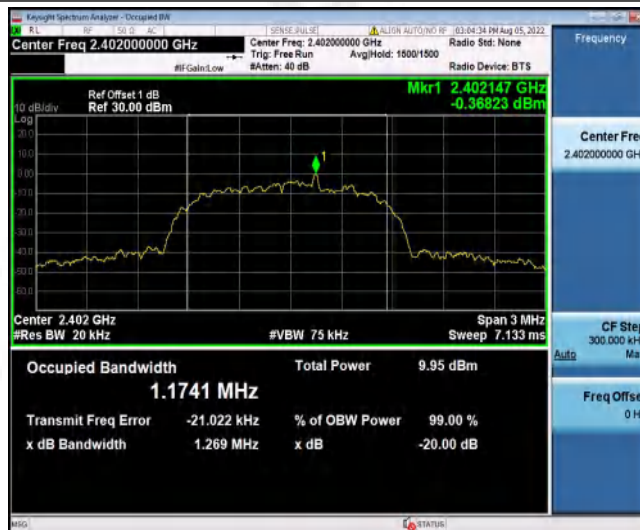
2DH5_Ant1_2480



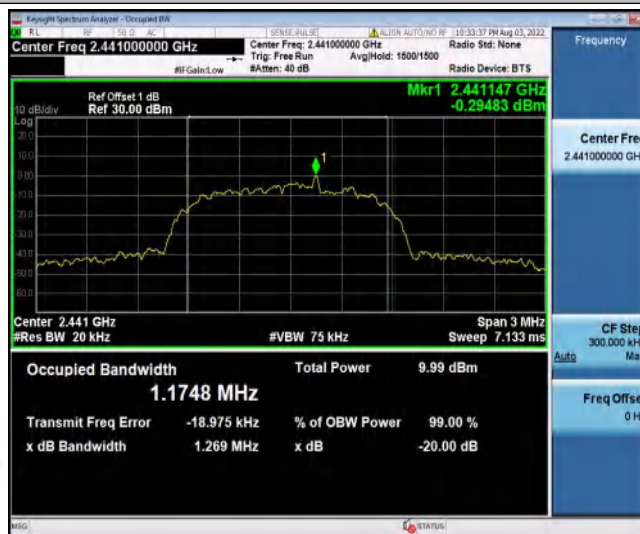
2DH5_Ant2_2480



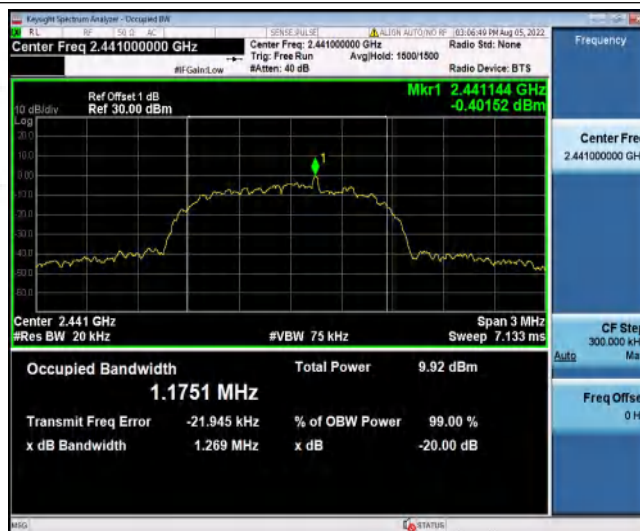
3DH5_Ant1_2402



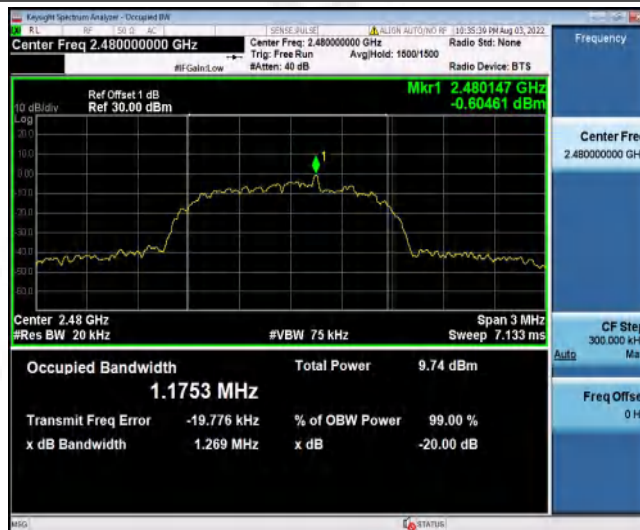
3DH5_Ant2_2402



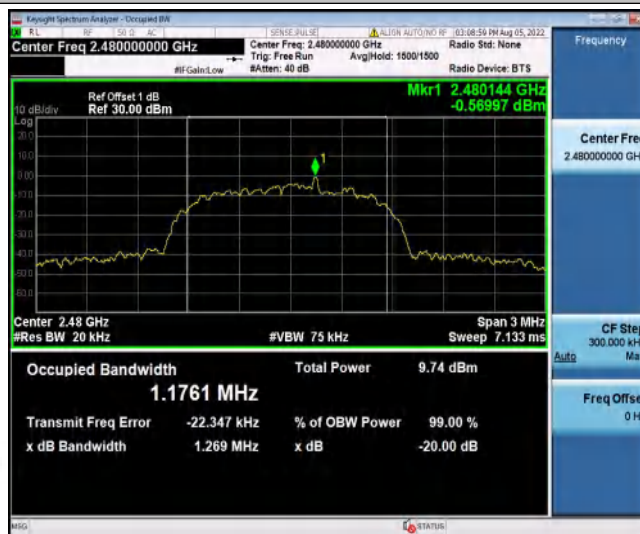
3DH5_Ant1_2441



3DH5_Ant2_2441



3DH5_Ant1_2480



3DH5_Ant2_2480

Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	4.49	≤30	PASS
	Ant2	2402	4.4	≤30	PASS
	Ant1	2441	4.25	≤30	PASS
	Ant2	2441	4.13	≤30	PASS
	Ant1	2480	3.84	≤30	PASS
	Ant2	2480	3.67	≤30	PASS
2DH5	Ant1	2402	4.86	≤20.97	PASS
	Ant2	2402	4.82	≤20.97	PASS
	Ant1	2441	4.8	≤20.97	PASS
	Ant2	2441	4.8	≤20.97	PASS
	Ant1	2480	4.57	≤20.97	PASS
	Ant2	2480	4.65	≤20.97	PASS
3DH5	Ant1	2402	5.21	≤20.97	PASS
	Ant2	2402	5.12	≤20.97	PASS
	Ant1	2441	5.14	≤20.97	PASS
	Ant2	2441	5.12	≤20.97	PASS
	Ant1	2480	4.9	≤20.97	PASS
	Ant2	2480	4.95	≤20.97	PASS

Test Graphs



DH5_Ant1_2402



DH5_Ant2_2402



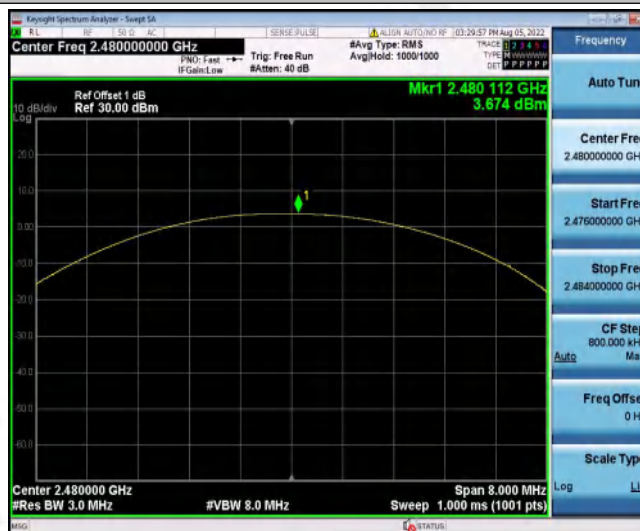
DH5_Ant1_2441



DH5_Ant2_2441



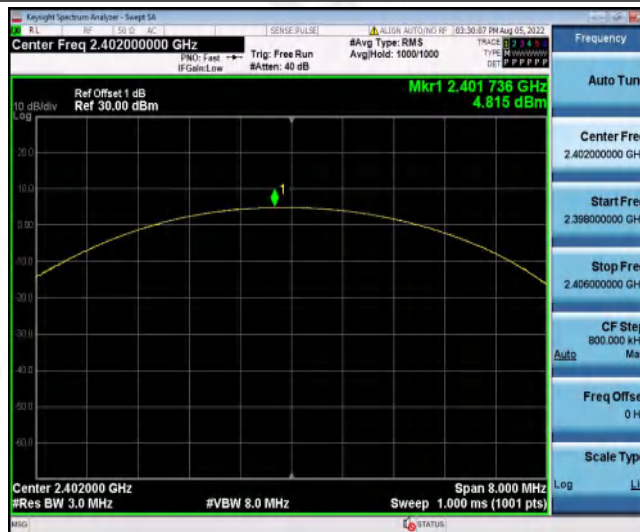
DH5_Ant1_2480



DH5_Ant2_2480



2DH5_Ant1_2402



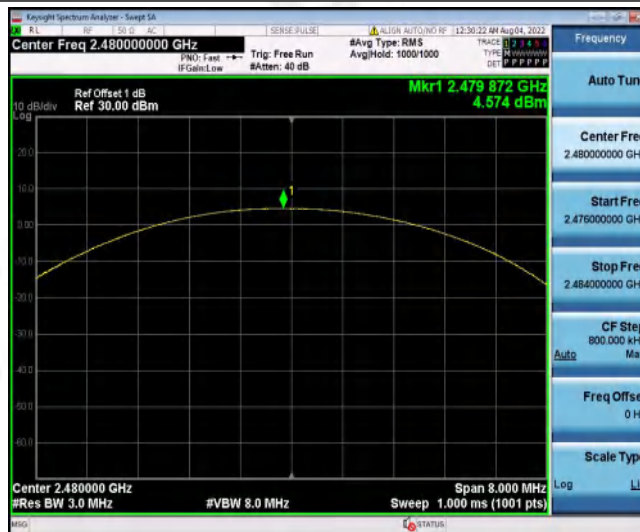
2DH5_Ant2_2402



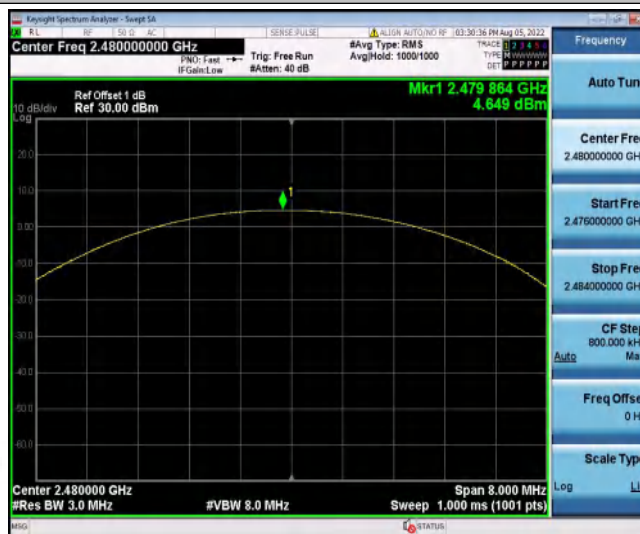
2DH5_Ant1_2441



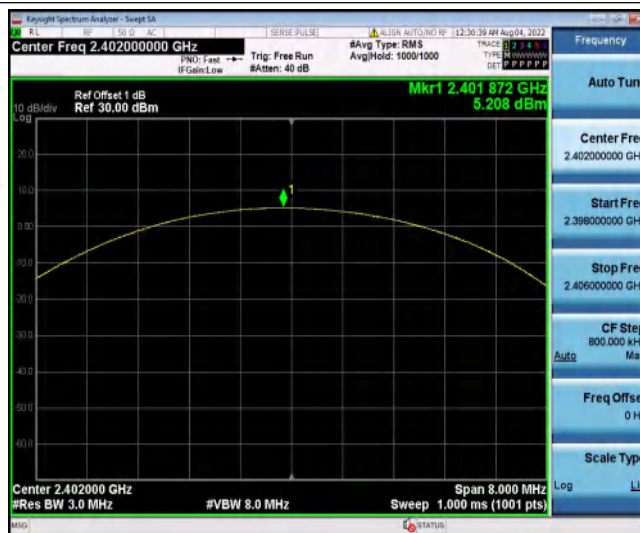
2DH5_Ant2_2441



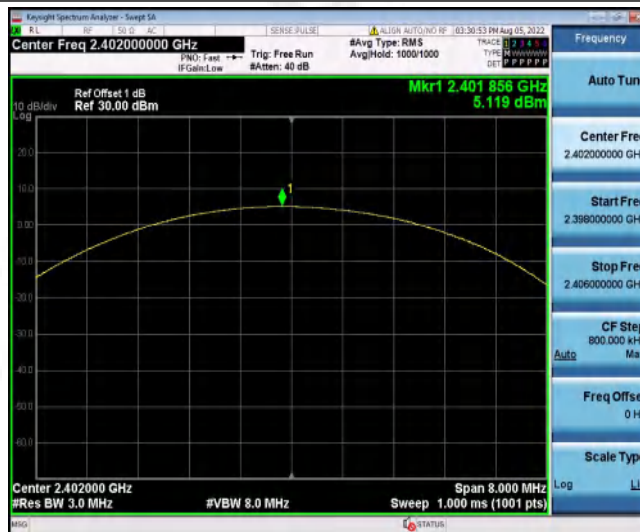
2DH5_Ant1_2480



2DH5_Ant2_2480



3DH5_Ant1_2402



3DH5_Ant2_2402



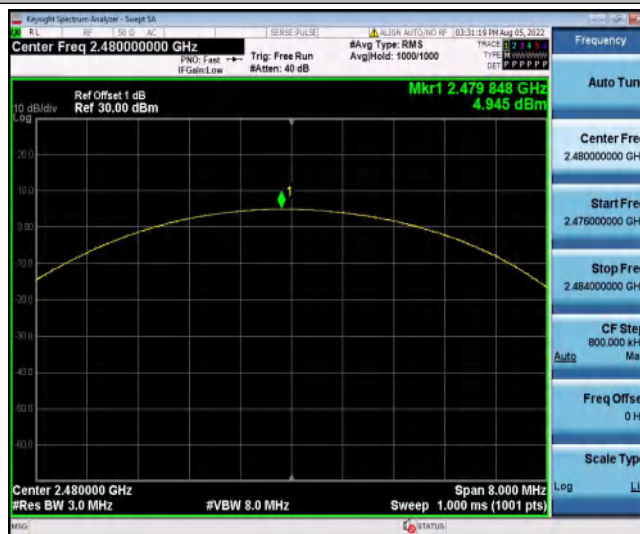
3DH5_Ant1_2441



3DH5_Ant2_2441



3DH5_Ant1_2480



3DH5_Ant2_2480

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	Hop	1	≥ 0.960	PASS
	Ant2	Hop	0.996	≥ 0.960	PASS
2DH5	Ant1	Hop	1	≥ 0.888	PASS
	Ant2	Hop	1	≥ 0.888	PASS
3DH5	Ant1	Hop	1.002	≥ 0.868	PASS
	Ant2	Hop	1	≥ 0.868	PASS

Test Graphs



DH5_Ant1_Hop



DH5_Ant2_Hop



2DH5_Ant1_Hop



2DH5_Ant2_Hop



3DH5_Ant1_Hop



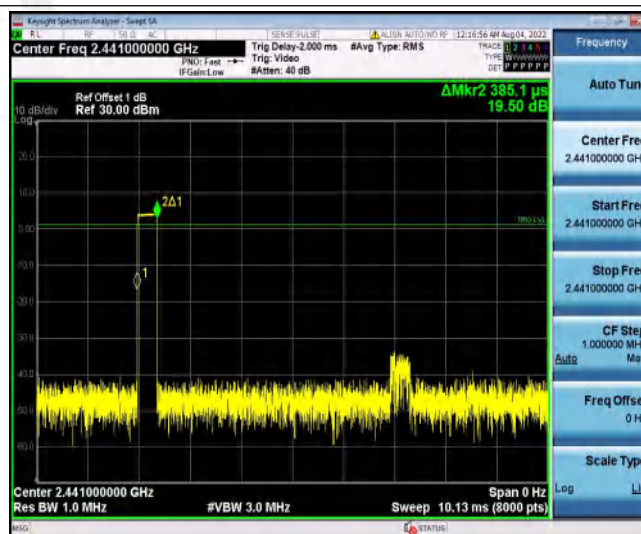
3DH5_Ant2_Hop

Appendix E: Time of occupancy

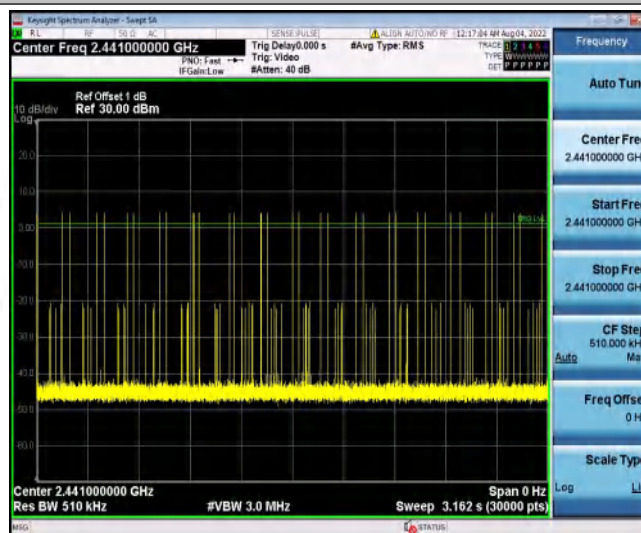
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.39	320	0.123	≤0.4	PASS
	Ant2	Hop	0.38	320	0.123	≤0.4	PASS
DH3	Ant1	Hop	1.64	140	0.23	≤0.4	PASS
	Ant2	Hop	1.64	140	0.23	≤0.4	PASS
DH5	Ant1	Hop	2.89	90	0.26	≤0.4	PASS
	Ant2	Hop	2.89	60	0.173	≤0.4	PASS
2DH1	Ant1	Hop	0.39	330	0.127	≤0.4	PASS
	Ant2	Hop	0.39	330	0.127	≤0.4	PASS
2DH3	Ant1	Hop	1.64	190	0.311	≤0.4	PASS
	Ant2	Hop	1.64	170	0.279	≤0.4	PASS
2DH5	Ant1	Hop	2.89	110	0.318	≤0.4	PASS
	Ant2	Hop	2.89	100	0.289	≤0.4	PASS
3DH1	Ant1	Hop	0.39	330	0.127	≤0.4	PASS
	Ant2	Hop	0.39	330	0.127	≤0.4	PASS
3DH3	Ant1	Hop	1.64	170	0.278	≤0.4	PASS
	Ant2	Hop	1.64	180	0.295	≤0.4	PASS
3DH5	Ant1	Hop	2.89	130	0.375	≤0.4	PASS
	Ant2	Hop	2.89	110	0.318	≤0.4	PASS

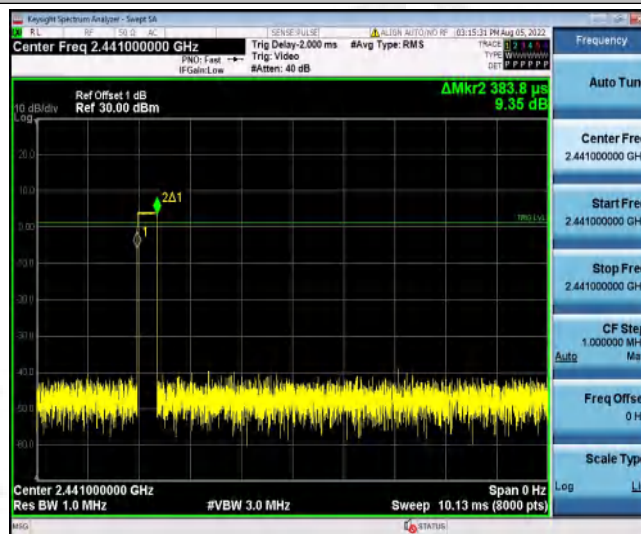
Test Graphs



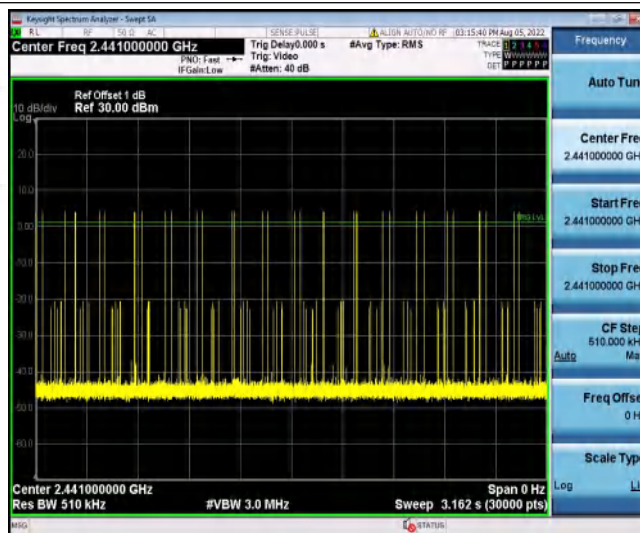
DH1_Ant1_Hop



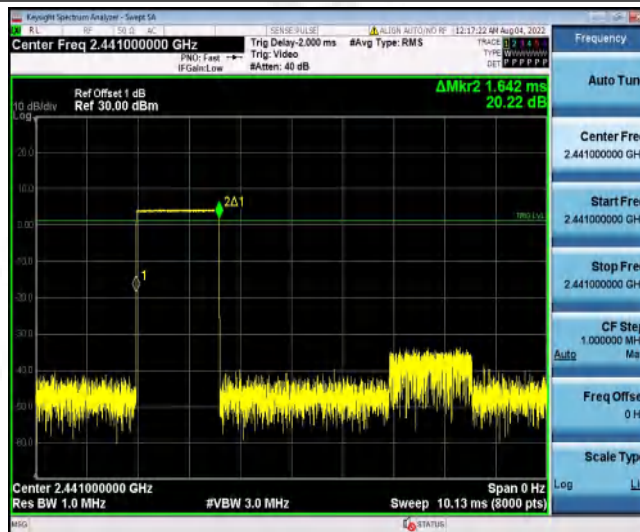
DH1_Ant1_Hop



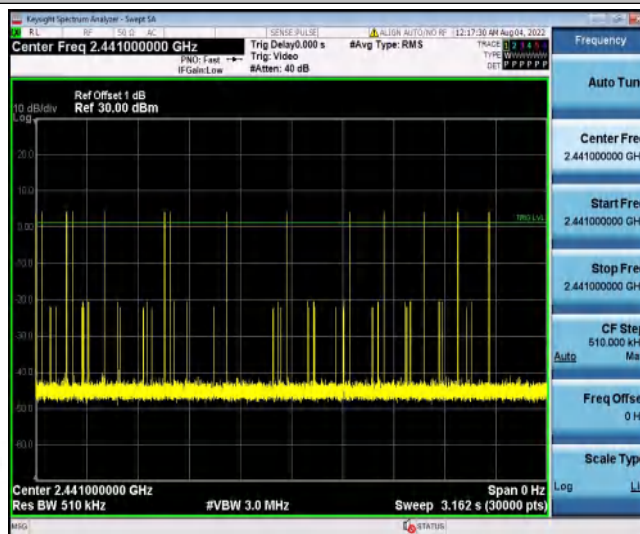
DH1_Ant2_Hop



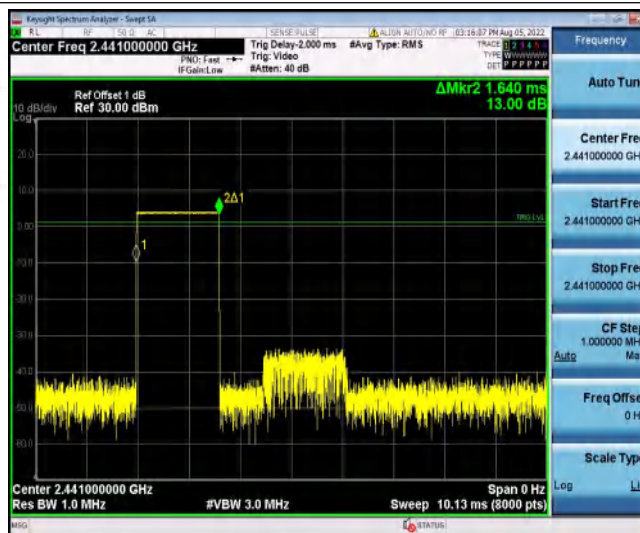
DH1_Ant2_Hop



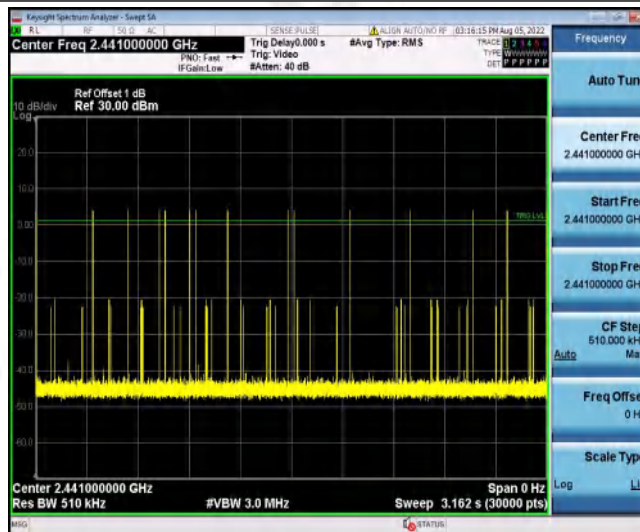
DH3_Ant1_Hop



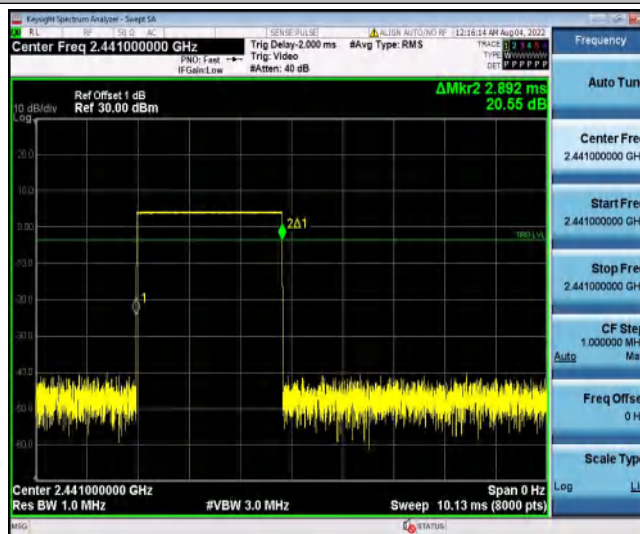
DH3_Ant1_Hop



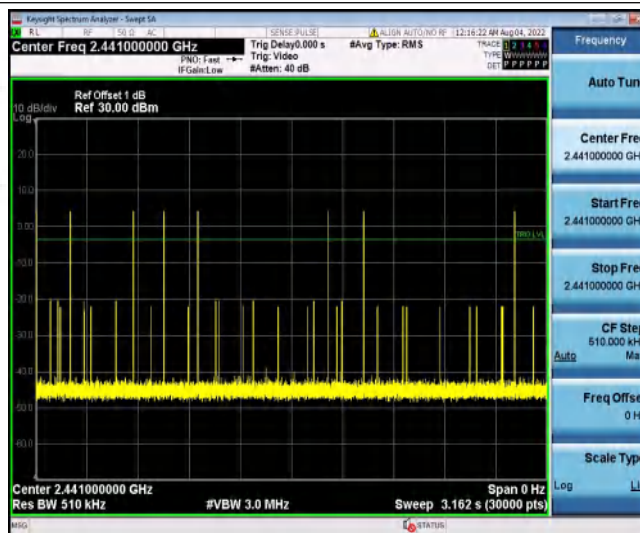
DH3_Ant2_Hop



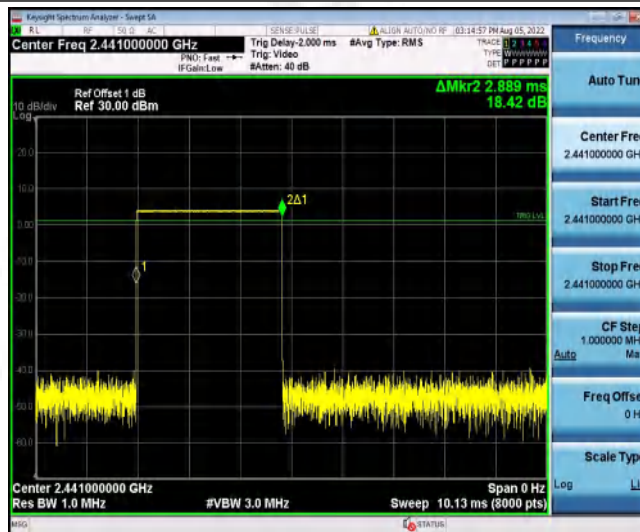
DH3_Ant2_Hop



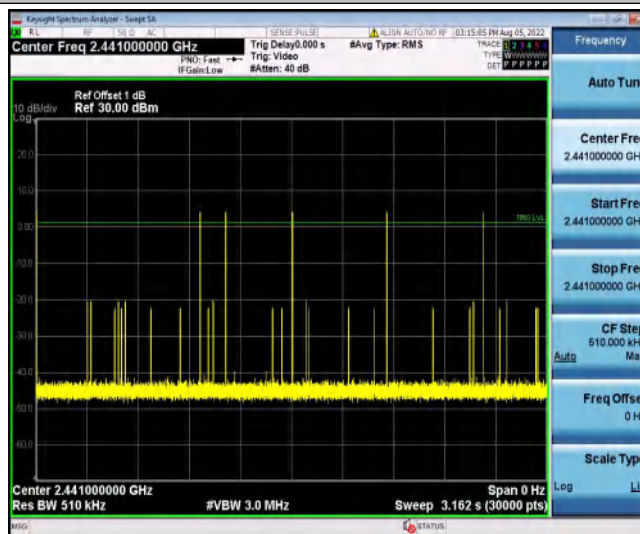
DH5_Ant1_Hop



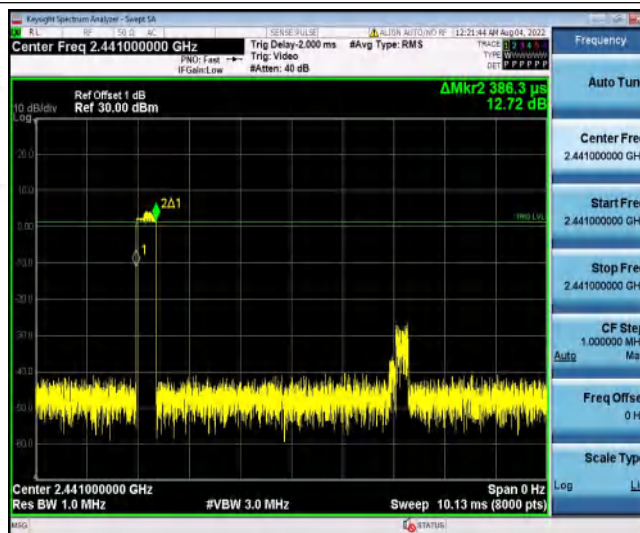
DH5_Ant1_Hop



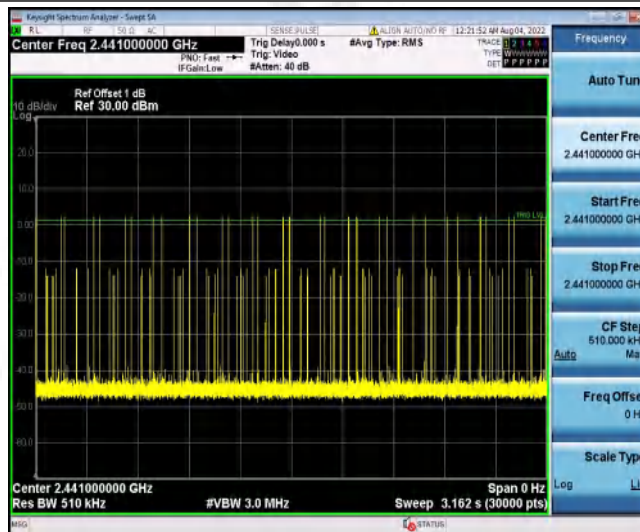
DH5_Ant2_Hop



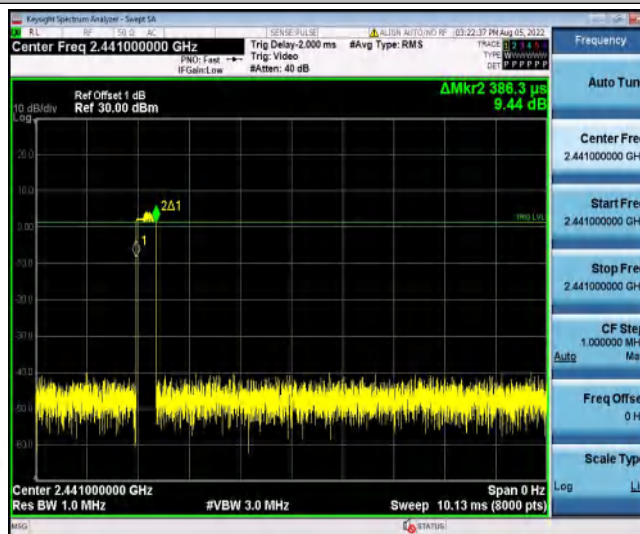
DH5_Ant2_Hop



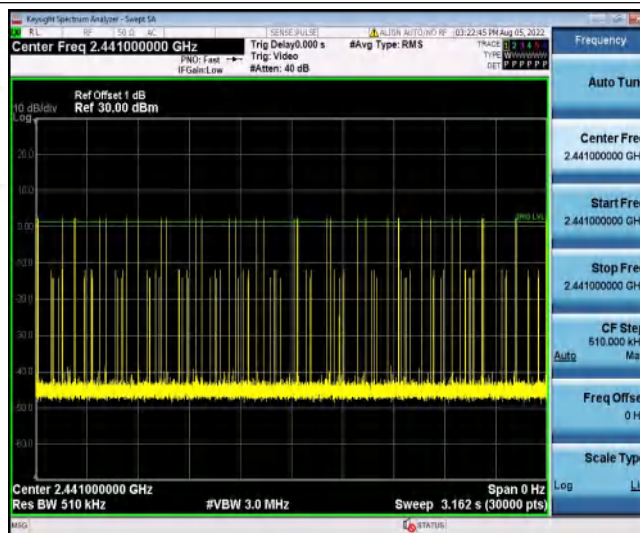
2DH1_Ant1_Hop



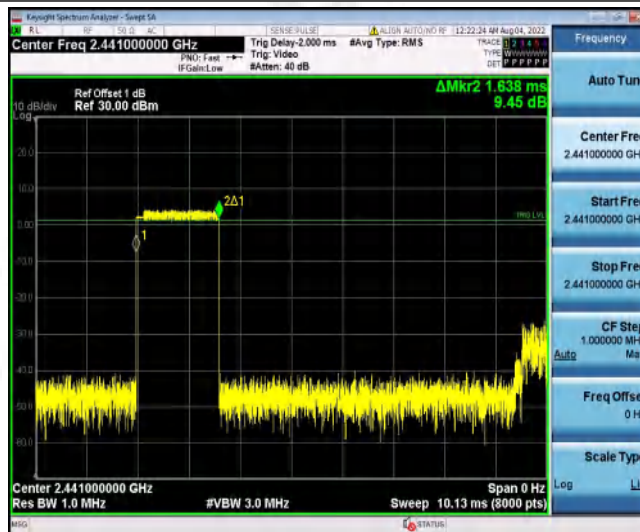
2DH1_Ant1_Hop



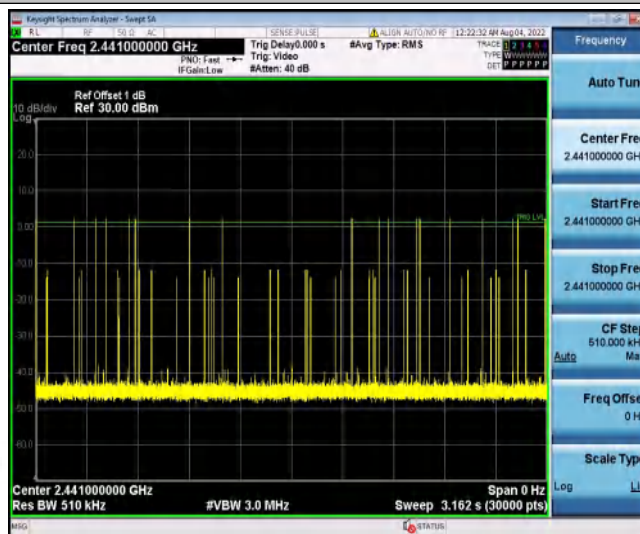
2DH1_Ant2_Hop



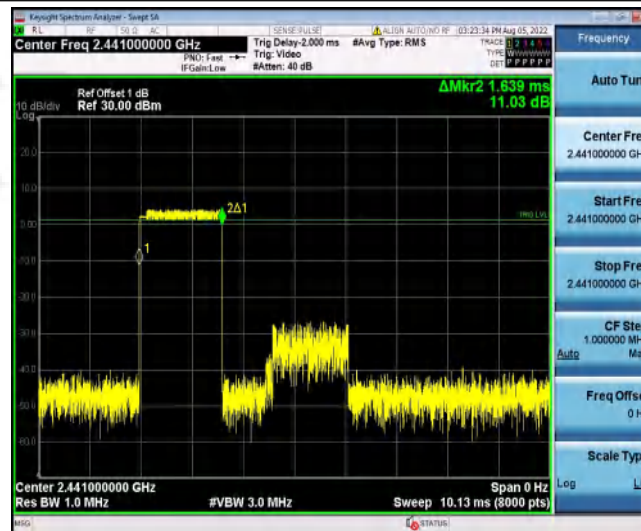
2DH1_Ant2_Hop



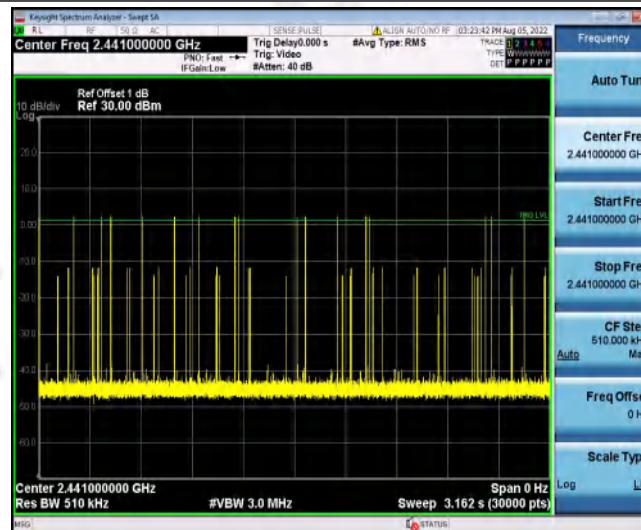
2DH3_Ant1_Hop



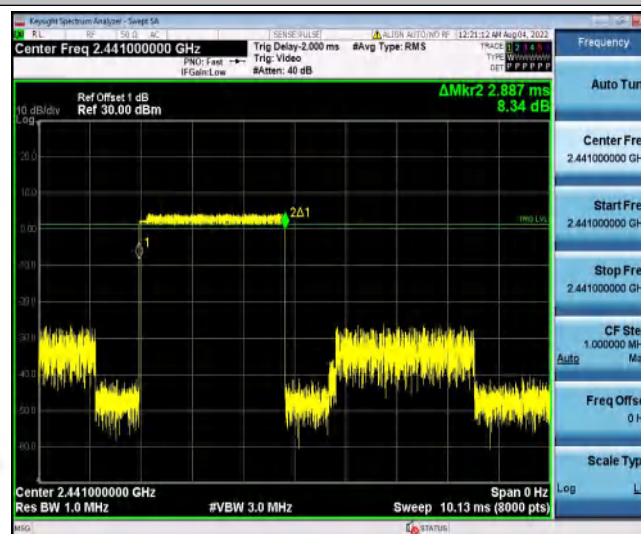
2DH3_Ant1_Hop



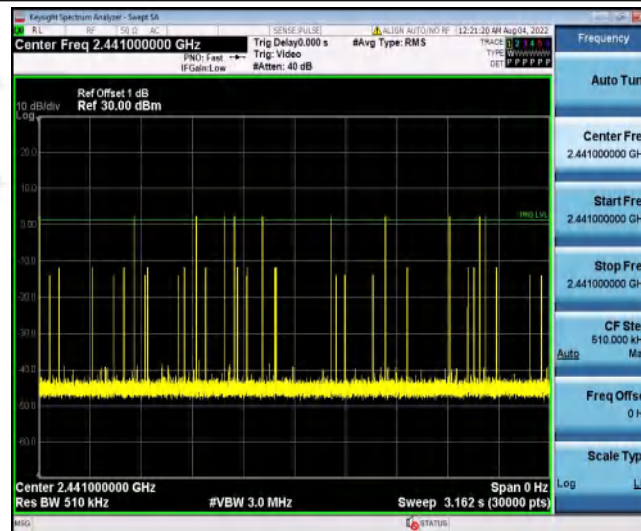
2DH3_Ant2_Hop



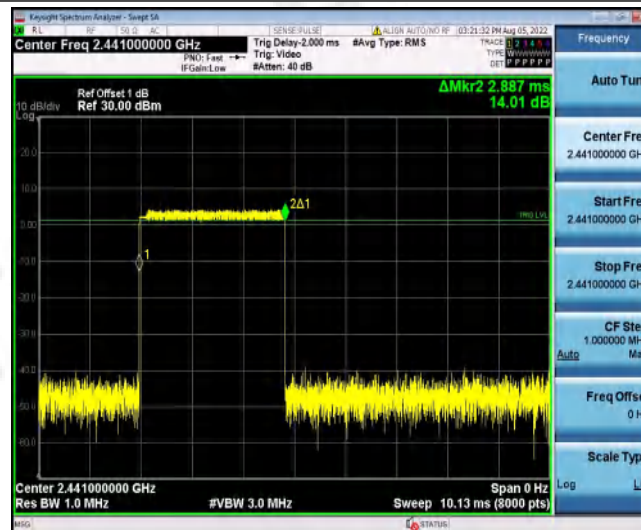
2DH3_Ant2_Hop



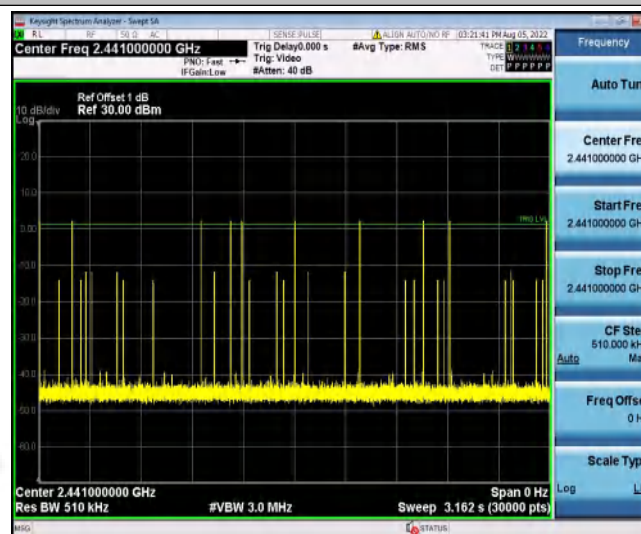
2DH5_Ant1_Hop



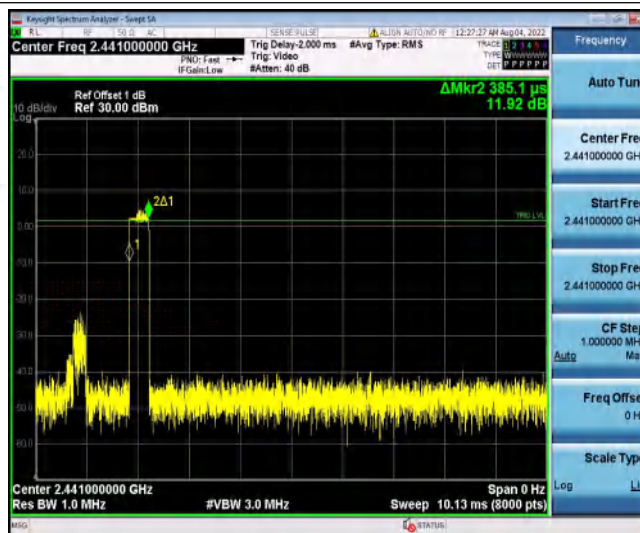
2DH5_Ant1_Hop



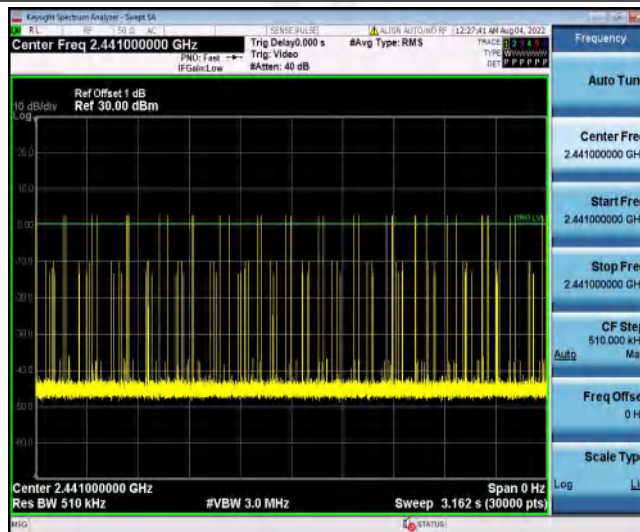
2DH5_Ant2_Hop



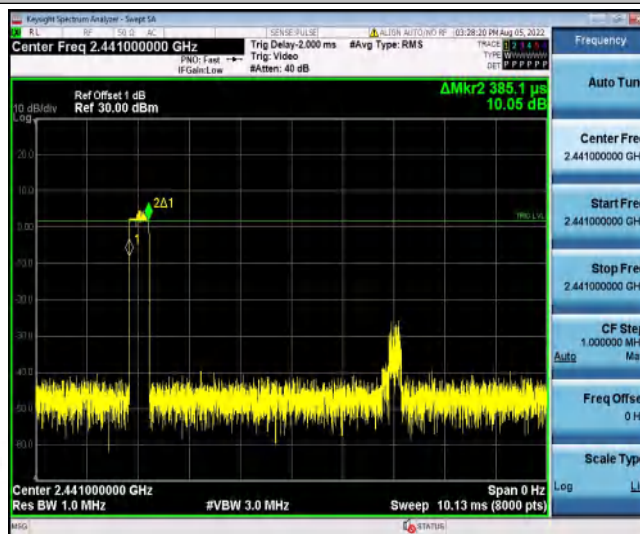
2DH5_Ant2_Hop



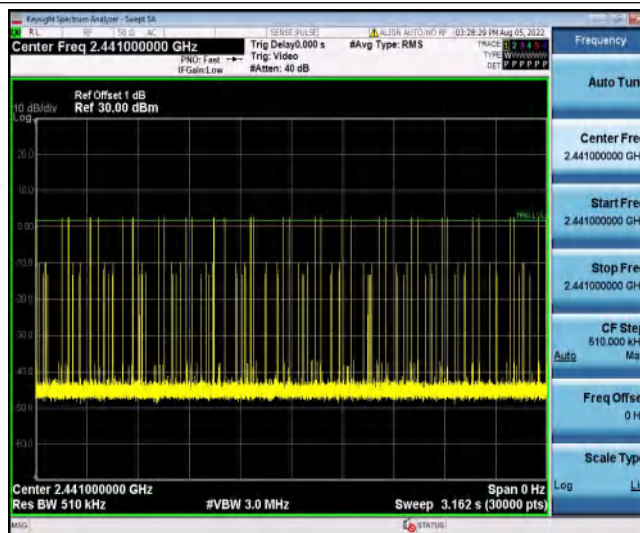
3DH1_Ant1_Hop



3DH1_Ant1_Hop



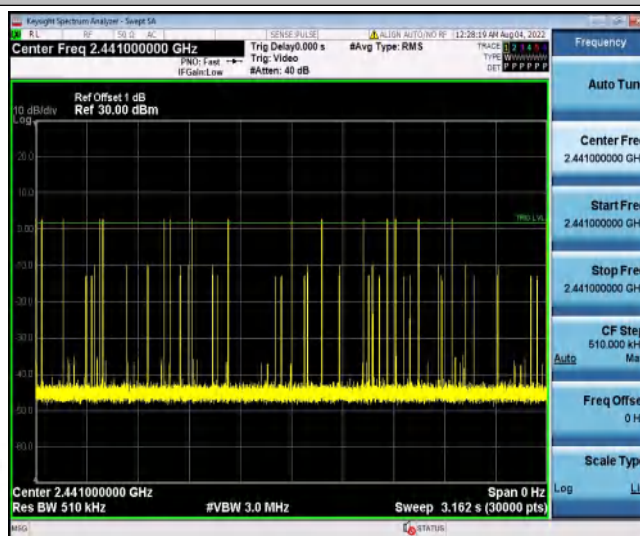
3DH1_Ant2_Hop



3DH1_Ant2_Hop



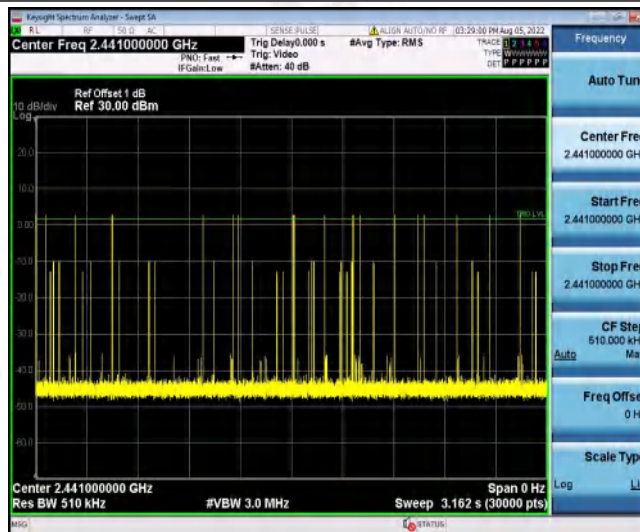
3DH3_Ant1_Hop



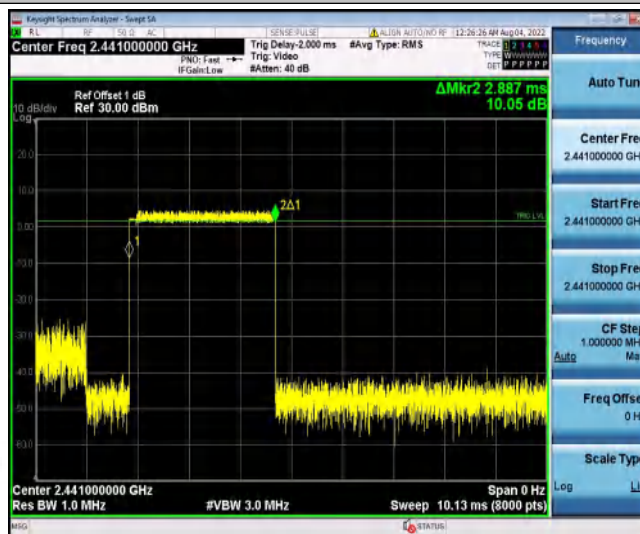
3DH3_Ant1_Hop



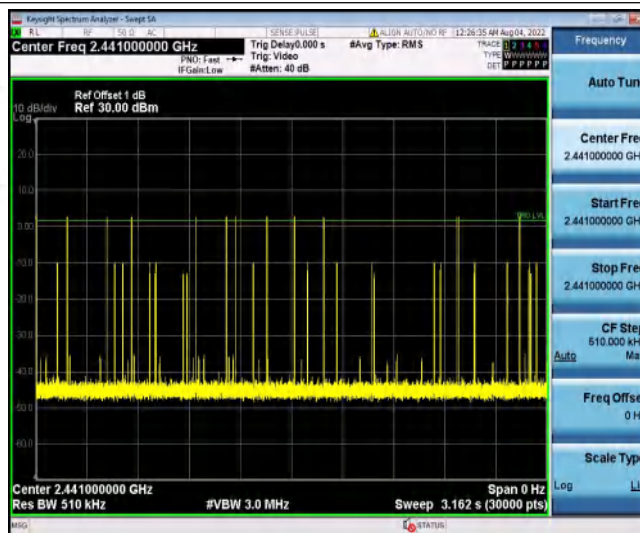
3DH3_Ant2_Hop



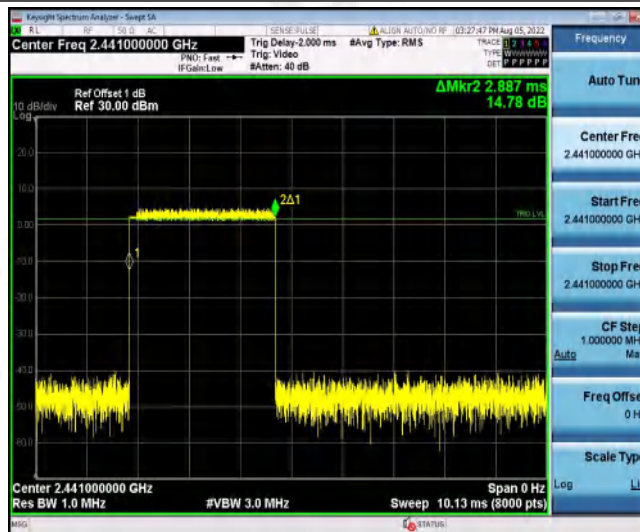
3DH3_Ant2_Hop



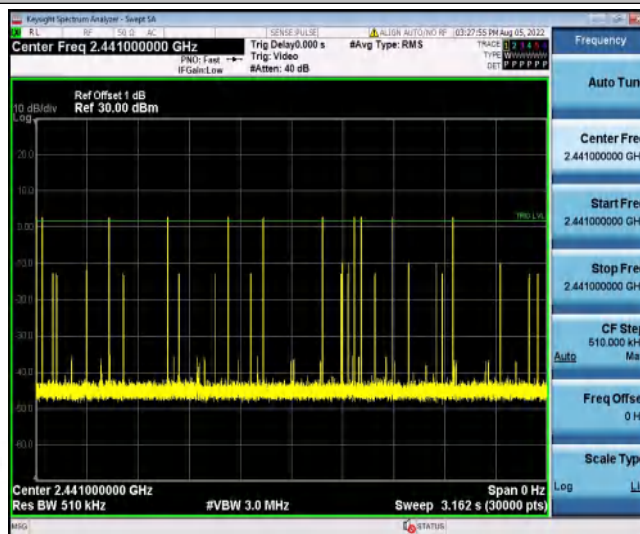
3DH5_Ant1_Hop



3DH5_Ant1_Hop



3DH5_Ant2_Hop



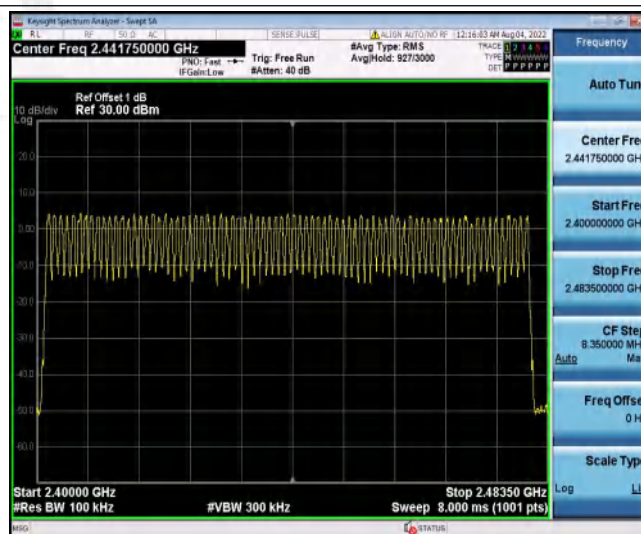
3DH5_Ant2_Hop

Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
	Ant2	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
	Ant2	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS
	Ant2	Hop	79	≥ 15	PASS

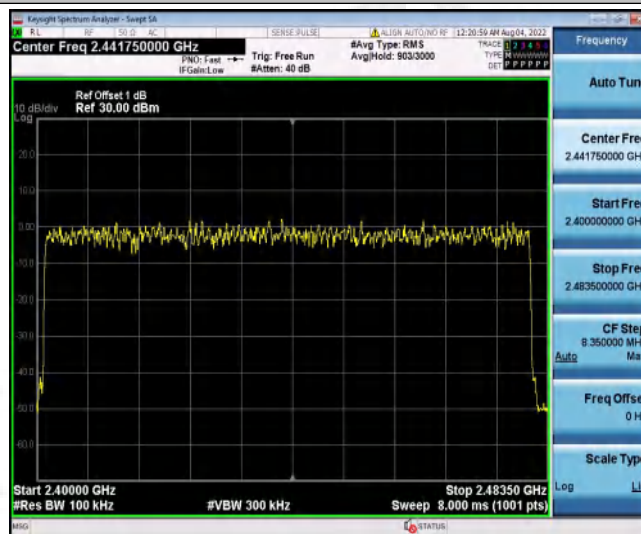
Test Graphs



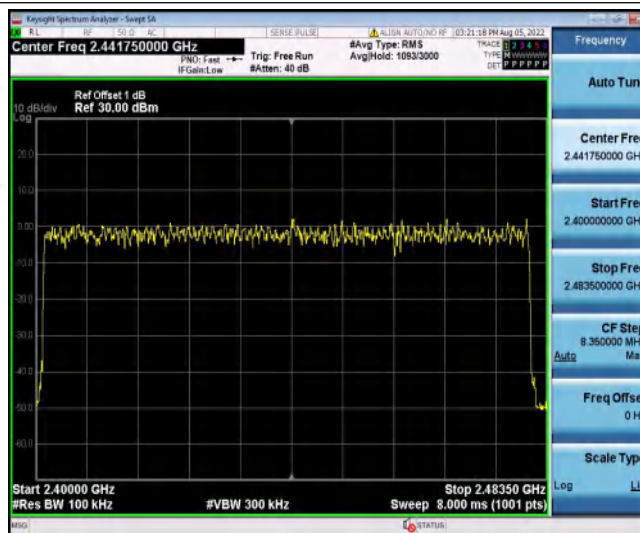
DH5_Ant1_Hop



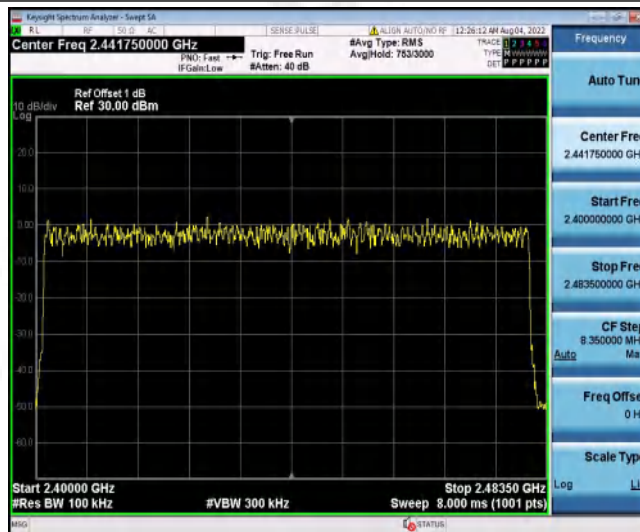
DH5_Ant2_Hop



2DH5_Ant1_Hop



2DH5_Ant2_Hop



3DH5_Ant1_Hop



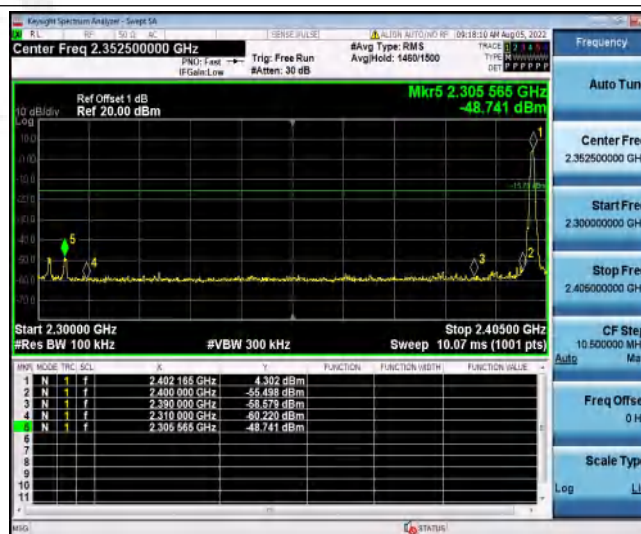
3DH5_Ant2_Hop

Appendix G: Band edge measurements

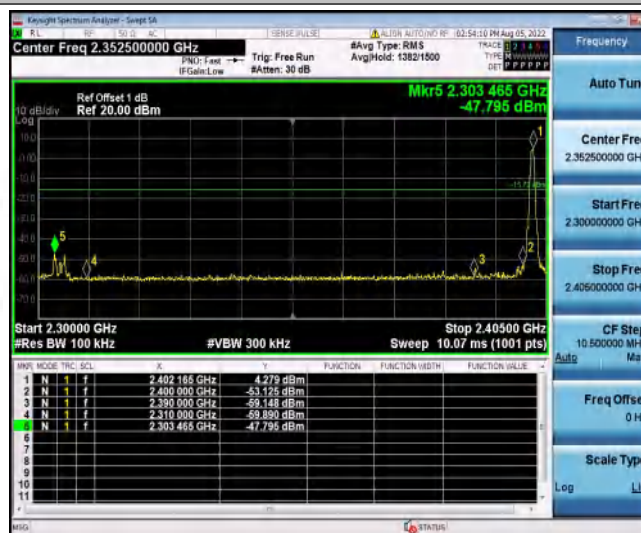
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	4.30	-48.74	≤-15.7	PASS
	Ant2	Low	2402	4.28	-47.8	≤-15.72	PASS
	Ant1	High	2480	3.71	-54.49	≤-16.3	PASS
	Ant2	High	2480	3.61	-54.69	≤-16.39	PASS
	Ant1	Low	Hop_2402	4.21	-48.61	≤-15.79	PASS
	Ant2	Low	Hop_2402	4.06	-48.57	≤-15.95	PASS
	Ant1	High	Hop_2480	3.66	-48.83	≤-16.34	PASS
	Ant2	High	Hop_2480	3.60	-49.67	≤-16.4	PASS
2DH5	Ant1	Low	2402	2.46	-50.84	≤-17.55	PASS
	Ant2	Low	2402	1.94	-51.51	≤-18.06	PASS
	Ant1	High	2480	2.18	-54.69	≤-17.82	PASS
	Ant2	High	2480	2.09	-55.27	≤-17.91	PASS
	Ant1	Low	Hop_2402	0.23	-51.85	≤-19.77	PASS
	Ant2	Low	Hop_2402	0.33	-52.7	≤-19.67	PASS
	Ant1	High	Hop_2480	1.31	-52.82	≤-18.69	PASS
	Ant2	High	Hop_2480	2.14	-53.26	≤-17.86	PASS
3DH5	Ant1	Low	2402	2.53	-48.86	≤-17.47	PASS
	Ant2	Low	2402	2.38	-49.86	≤-17.62	PASS
	Ant1	High	2480	2.20	-53.5	≤-17.8	PASS
	Ant2	High	2480	2.19	-55.19	≤-17.81	PASS
	Ant1	Low	Hop_2402	0.22	-52.07	≤-19.78	PASS
	Ant2	Low	Hop_2402	0.92	-51.5	≤-19.08	PASS
	Ant1	High	Hop_2480	2.14	-52.84	≤-17.86	PASS
	Ant2	High	Hop_2480	2.09	-53.55	≤-17.91	PASS

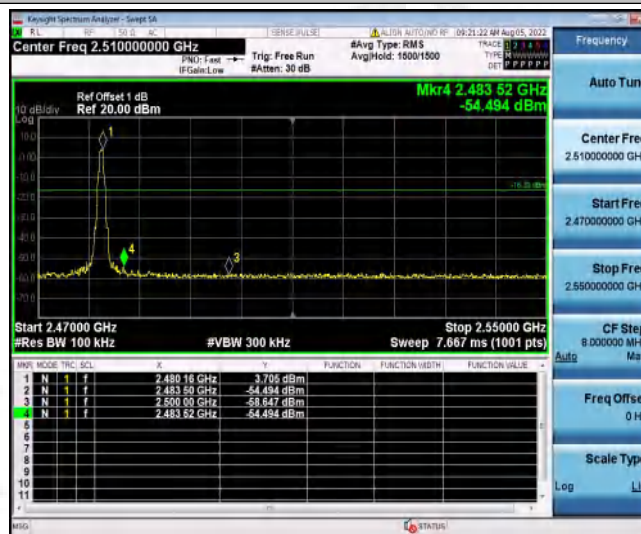
Test Graphs



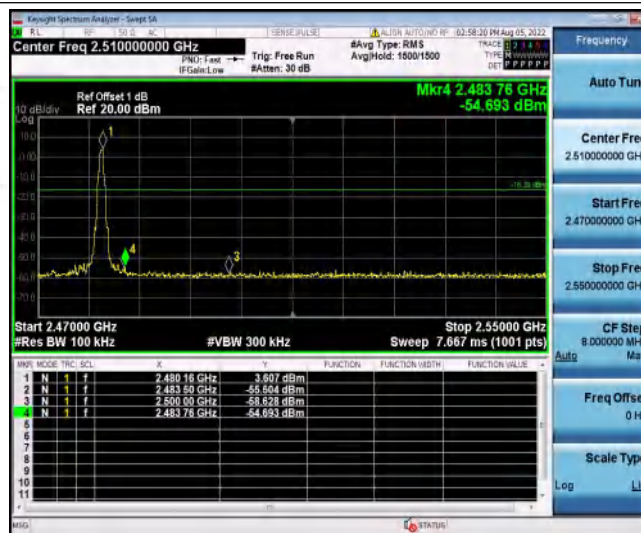
DH5_Ant1_Low_2402



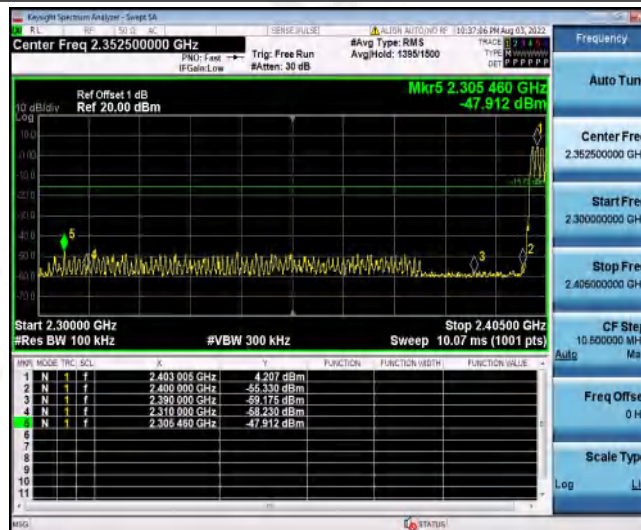
DH5_Ant2_Low_2402



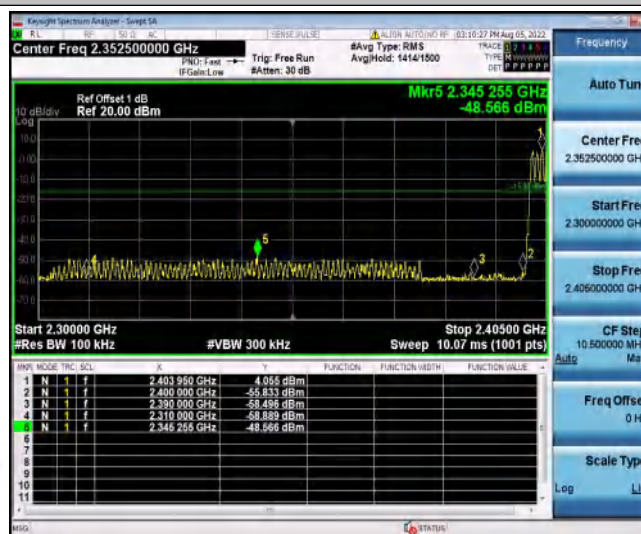
DH5_Ant1_High_2480



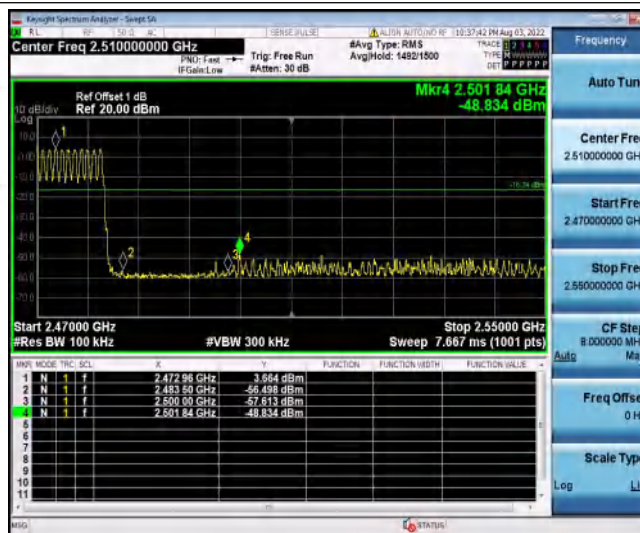
DH5_Ant2_High_2480



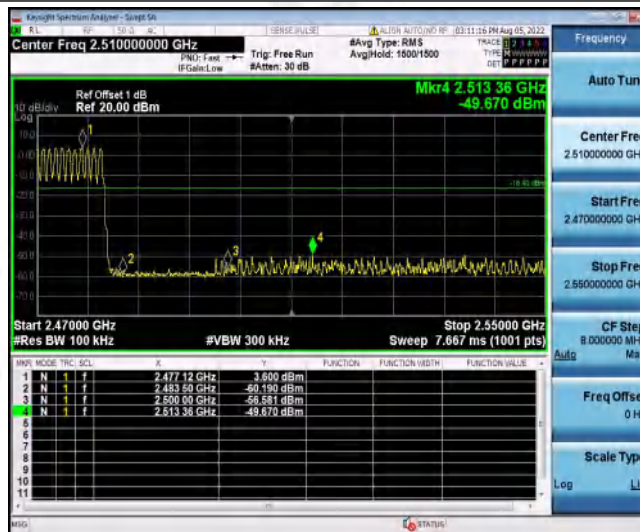
DH5_Ant1_Low_Hop_2402



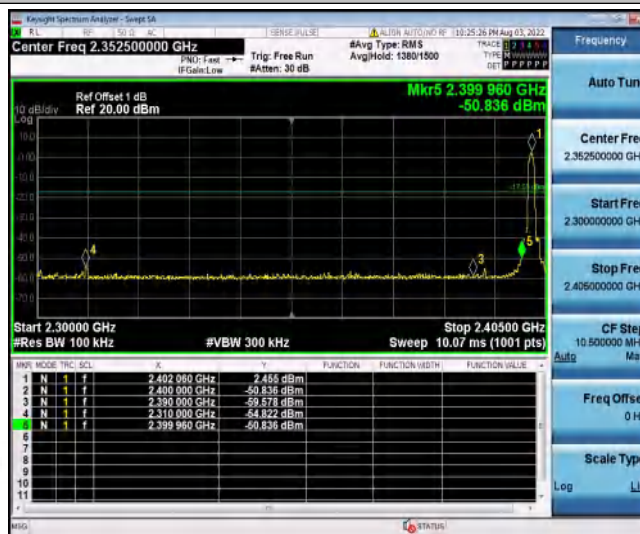
DH5_Ant2_Low_Hop_2402



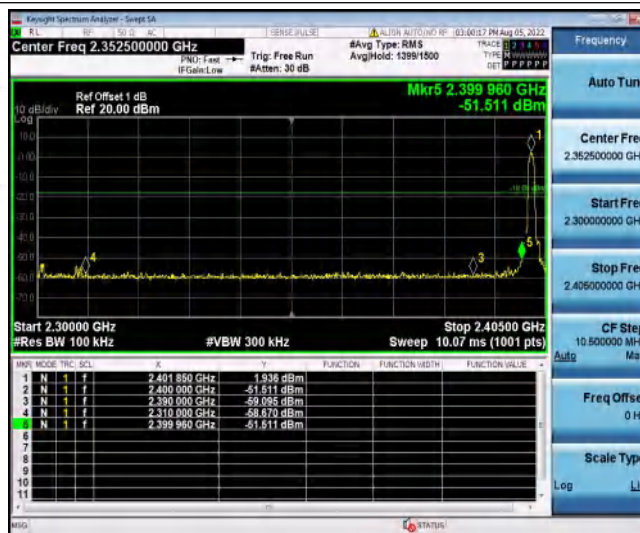
DH5_Ant1_High_Hop_2480



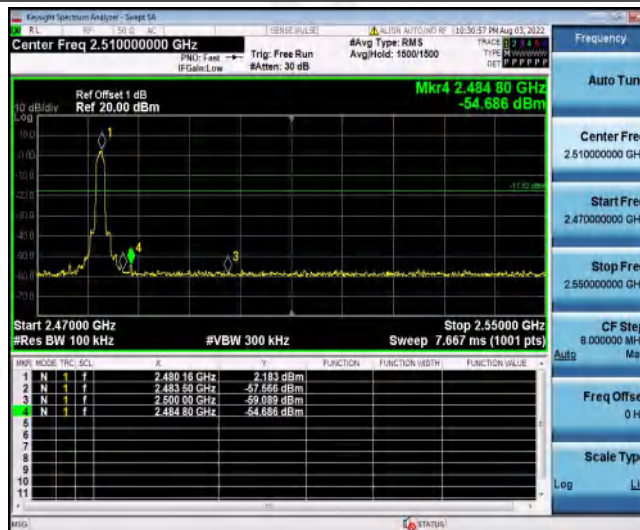
DH5_Ant2_High_Hop_2480



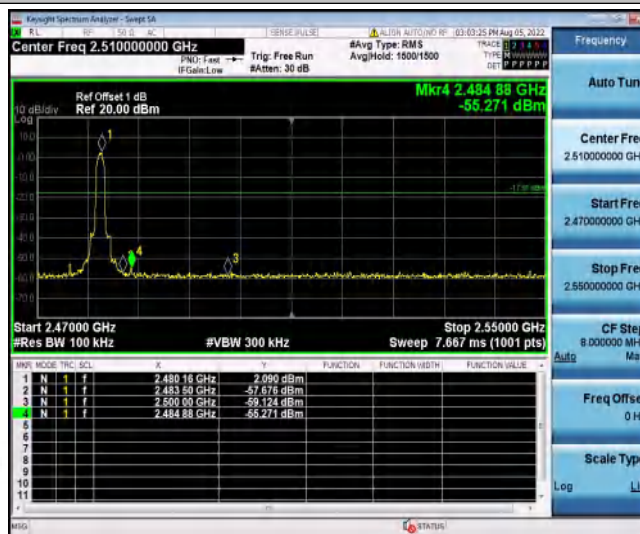
2DH5_Ant1_Low_2402



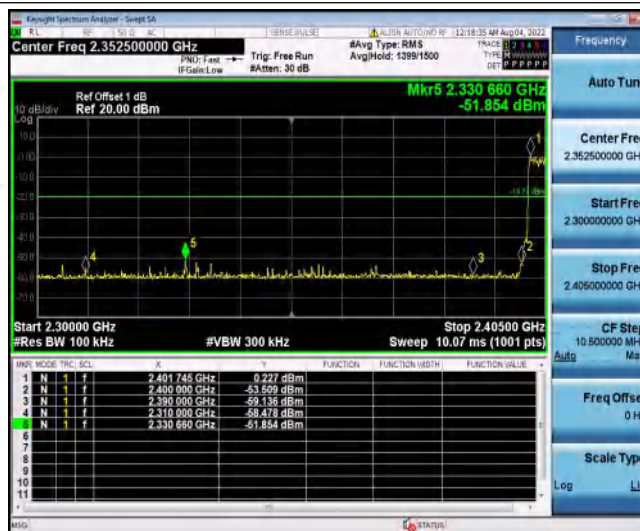
2DH5_Ant2_Low_2402



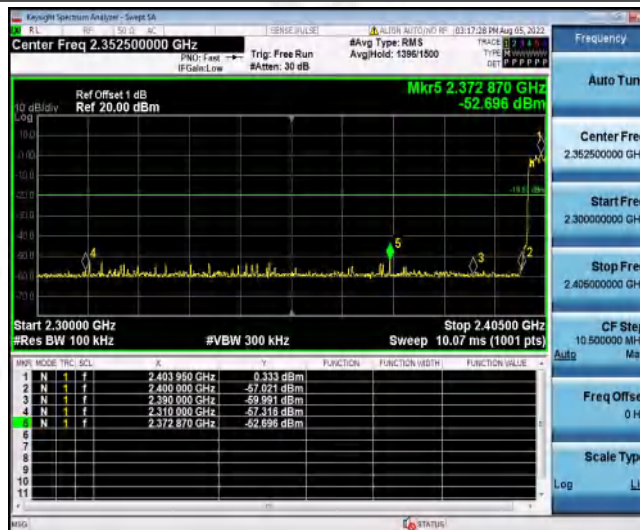
2DH5_Ant1_High_2480



2DH5_Ant2_High_2480



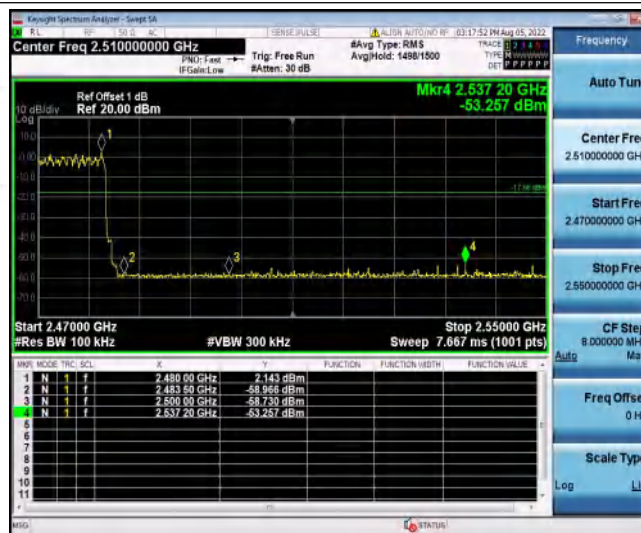
2DH5_Ant1_Low_Hop_2402



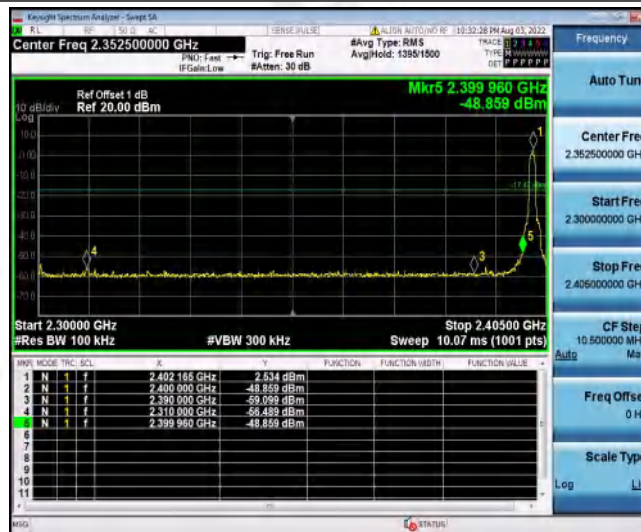
2DH5_Ant2_Low_Hop_2402



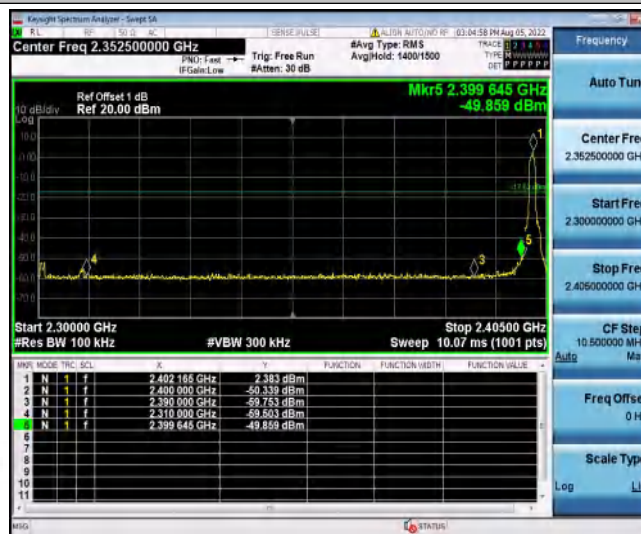
2DH5_Ant1_High_Hop_2480



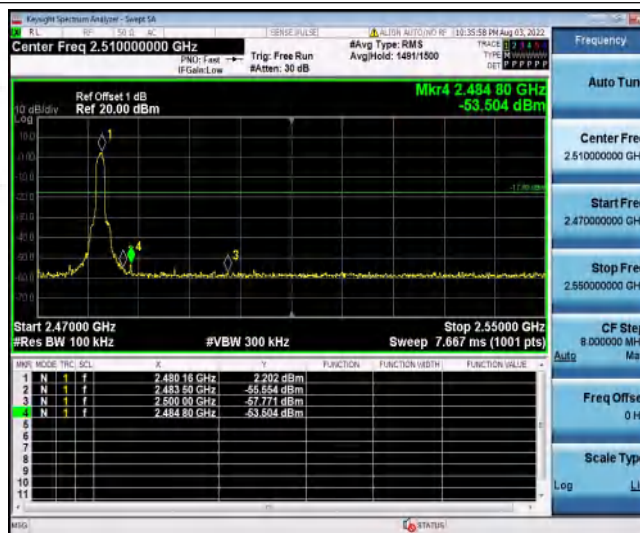
2DH5_Ant2_High_Hop_2480



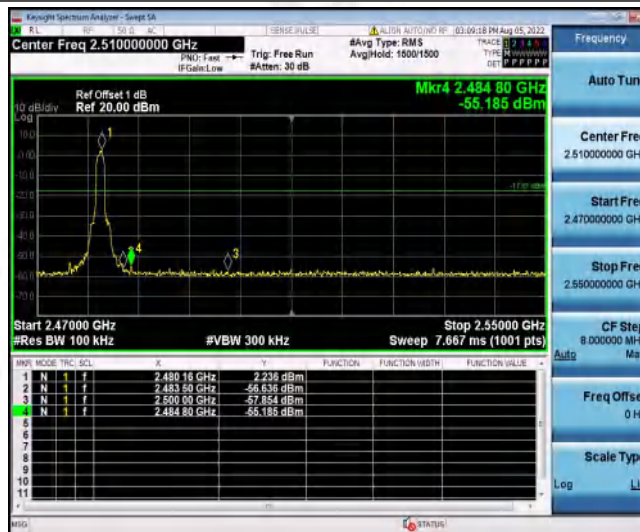
3DH5_Ant1_Low_2402



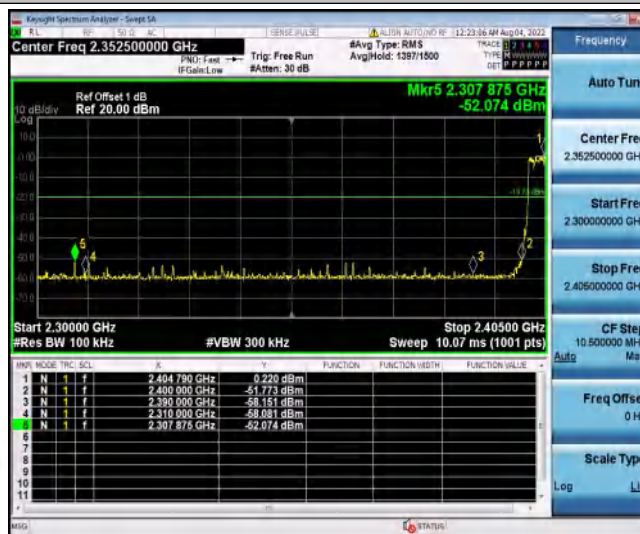
3DH5_Ant2_Low_2402



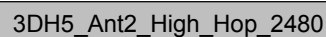
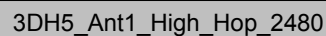
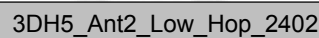
3DH5_Ant1_High_2480



3DH5_Ant2_High_2480



3DH5_Ant1_Low_Hop_2402



Appendix H: Conducted Spurious Emission

Test Result

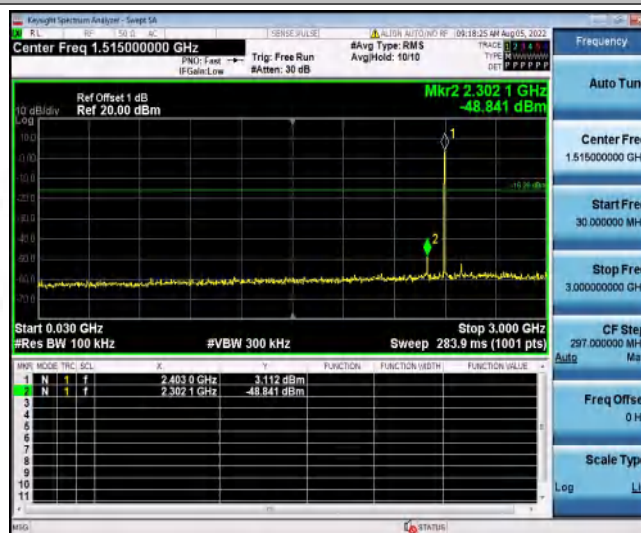
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.75	3.75	---	PASS
			30~3000	3.75	-48.84	≤-16.26	PASS
			3000~26500	3.75	-41	≤-16.26	PASS
	Ant2	2402	Reference	4.22	4.22	---	PASS
			30~3000	4.22	-50.61	≤-15.78	PASS
			3000~26500	4.22	-43.44	≤-15.78	PASS
	Ant1	2441	Reference	3.89	3.89	---	PASS
			30~3000	3.89	-49.88	≤-16.11	PASS
			3000~26500	3.89	-41.41	≤-16.11	PASS
	Ant2	2441	Reference	3.82	3.82	---	PASS
			30~3000	3.82	-50.9	≤-16.18	PASS
			3000~26500	3.82	-44.01	≤-16.18	PASS
	Ant1	2480	Reference	3.43	3.43	---	PASS
			30~3000	3.43	-51.45	≤-16.57	PASS
			3000~26500	3.43	-43.36	≤-16.57	PASS
	Ant2	2480	Reference	3.29	3.29	---	PASS
			30~3000	3.29	-52.14	≤-16.72	PASS
			3000~26500	3.29	-44.48	≤-16.72	PASS
2DH5	Ant1	2402	Reference	2.20	2.20	---	PASS
			30~3000	2.20	-55.84	≤-17.8	PASS
			3000~26500	2.20	-37.87	≤-17.8	PASS
	Ant2	2402	Reference	1.63	1.63	---	PASS
			30~3000	1.63	-53.87	≤-18.37	PASS
			3000~26500	1.63	-44.58	≤-18.37	PASS
	Ant1	2441	Reference	2.22	2.22	---	PASS
			30~3000	2.22	-54.64	≤-17.79	PASS
			3000~26500	2.22	-33.33	≤-17.79	PASS
	Ant2	2441	Reference	1.62	1.62	---	PASS
			30~3000	1.62	-55.54	≤-18.39	PASS
			3000~26500	1.62	-42.04	≤-18.39	PASS
	Ant1	2480	Reference	2.02	2.02	---	PASS
			30~3000	2.02	-56.06	≤-17.99	PASS
			3000~26500	2.02	-36.82	≤-17.99	PASS
	Ant2	2480	Reference	2.01	2.01	---	PASS
			30~3000	2.01	-55.49	≤-17.99	PASS
			3000~26500	2.01	-42.32	≤-17.99	PASS
3DH5	Ant1	2402	Reference	1.20	1.20	---	PASS

			30~3000	1.20	-55.76	≤ -18.81	PASS
			3000~26500	1.20	-35.99	≤ -18.81	PASS
	Ant2	2402	Reference	2.18	2.18	---	PASS
			30~3000	2.18	-56.08	≤ -17.82	PASS
			3000~26500	2.18	-41.57	≤ -17.82	PASS
	Ant1	2441	Reference	2.36	2.36	---	PASS
			30~3000	2.36	-55.93	≤ -17.64	PASS
			3000~26500	2.36	-36.73	≤ -17.64	PASS
	Ant2	2441	Reference	2.20	2.20	---	PASS
			30~3000	2.20	-56.14	≤ -17.8	PASS
			3000~26500	2.20	-42.55	≤ -17.8	PASS
	Ant1	2480	Reference	1.36	1.36	---	PASS
			30~3000	1.36	-55.86	≤ -18.64	PASS
			3000~26500	1.36	-35.01	≤ -18.64	PASS
	Ant2	2480	Reference	1.57	1.57	---	PASS
			30~3000	1.57	-55.9	≤ -18.43	PASS
			3000~26500	1.57	-42.22	≤ -18.43	PASS

Test Graphs



DH5_Ant1_2402_0~Reference



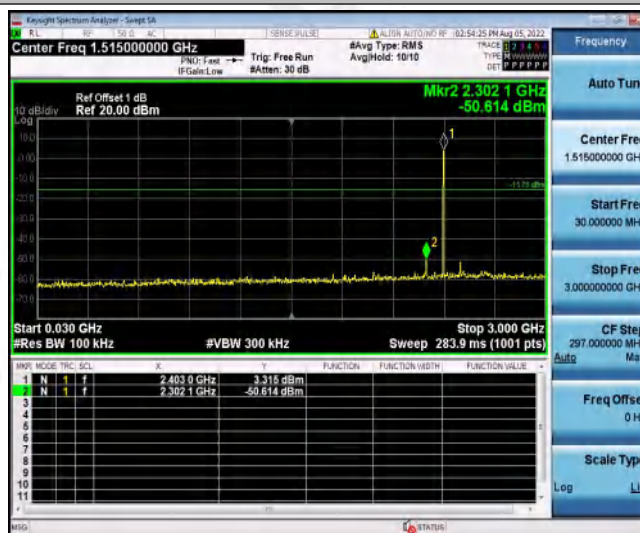
DH5_Ant1_2402_30~3000



DH5_Ant1_2402_3000~26500



DH5_Ant2_2402_0~Reference



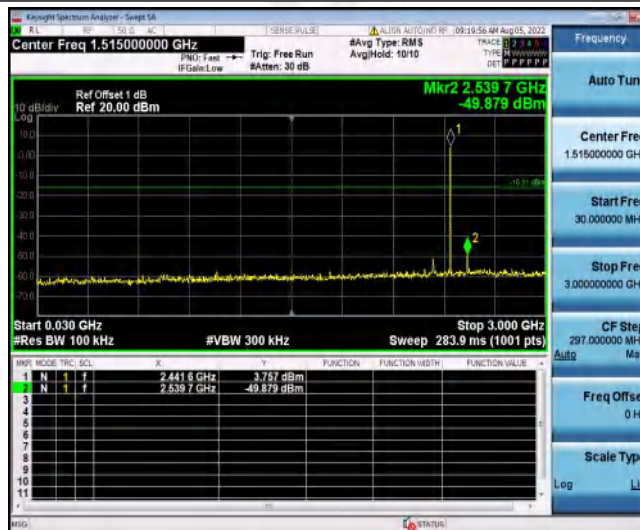
DH5_Ant2_2402_30~3000



DH5_Ant2_2402_3000~26500



DH5_Ant1_2441_0~Reference



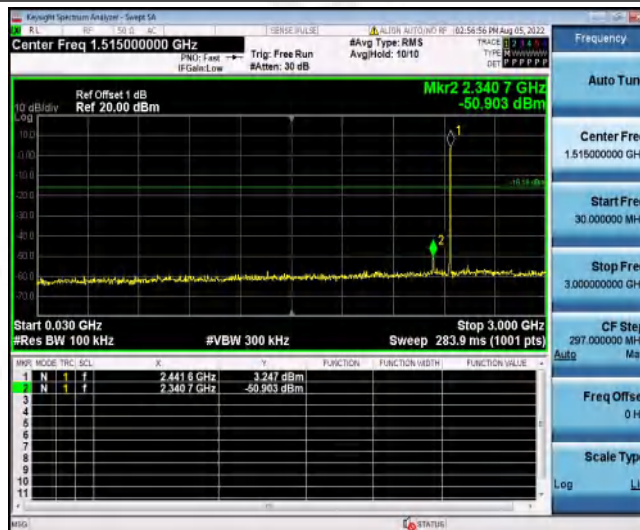
DH5_Ant1_2441_30~3000



DH5_Ant1_2441_3000~26500



DH5_Ant2_2441_0~Reference



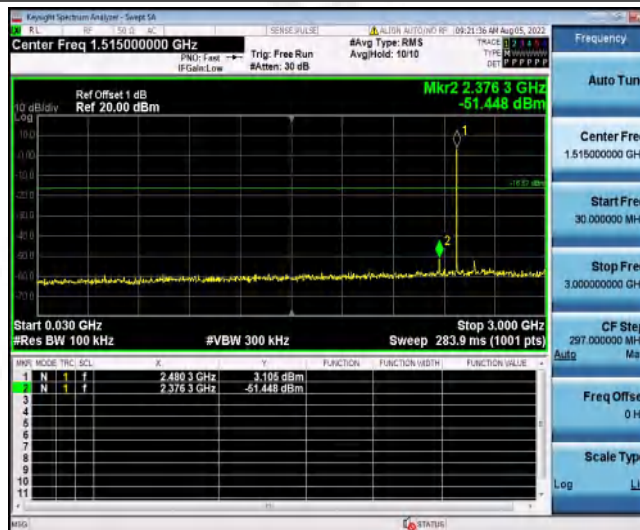
DH5_Ant2_2441_30~3000



DH5_Ant2_2441_3000~26500



DH5_Ant1_2480_0~Reference



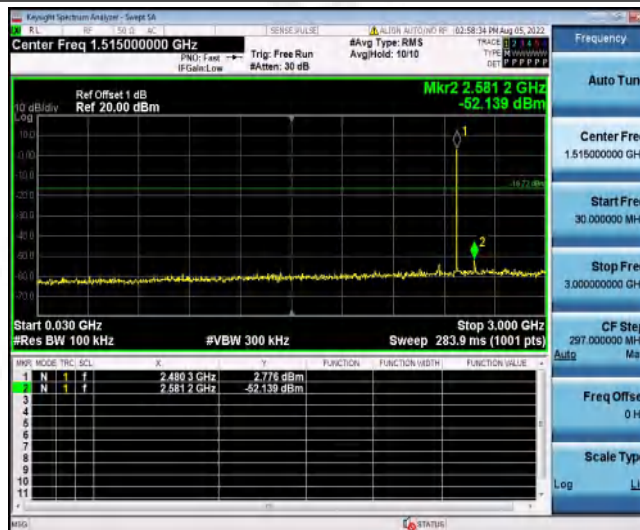
DH5_Ant1_2480_30~3000



DH5_Ant1_2480_3000~26500



DH5_Ant2_2480_0~Reference



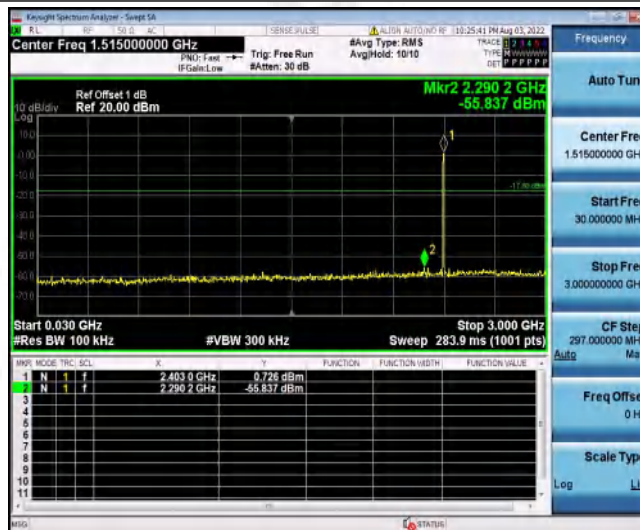
DH5_Ant2_2480_30~3000



DH5_Ant2_2480_3000~26500



2DH5_Ant1_2402_0~Reference



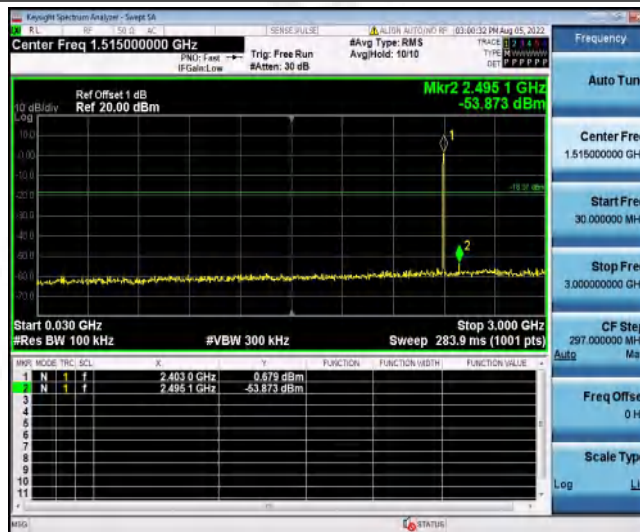
2DH5_Ant1_2402_30~3000



2DH5_Ant1_2402_3000~26500



2DH5_Ant2_2402_0~Reference



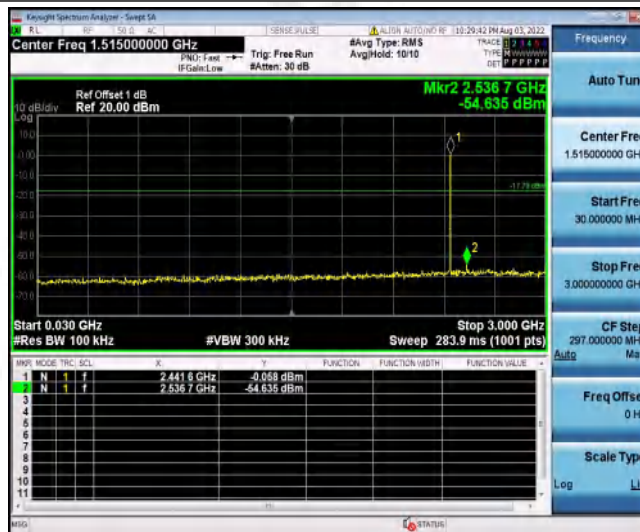
2DH5_Ant2_2402_30~3000



2DH5_Ant2_2402_3000~26500



2DH5_Ant1_2441_0~Reference



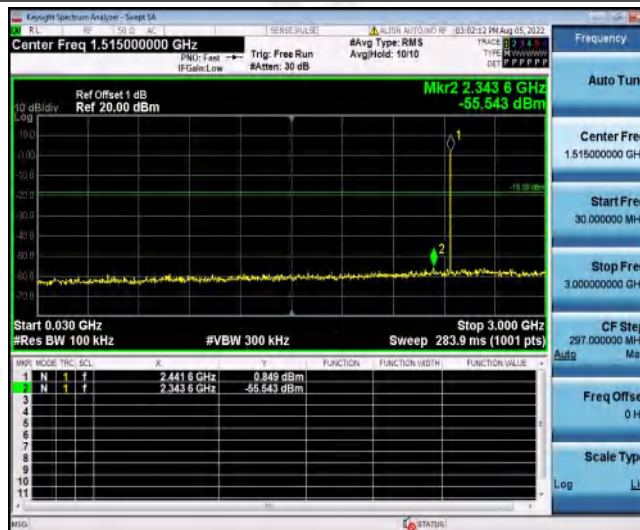
2DH5_Ant1_2441_30~3000



2DH5_Ant1_2441_3000~26500



2DH5_Ant2_2441_0~Reference



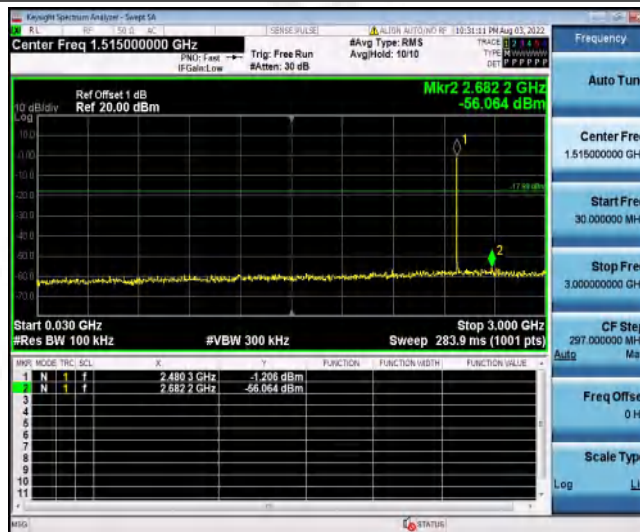
2DH5_Ant2_2441_30~3000



2DH5_Ant2_2441_3000~26500



2DH5_Ant1_2480_0~Reference



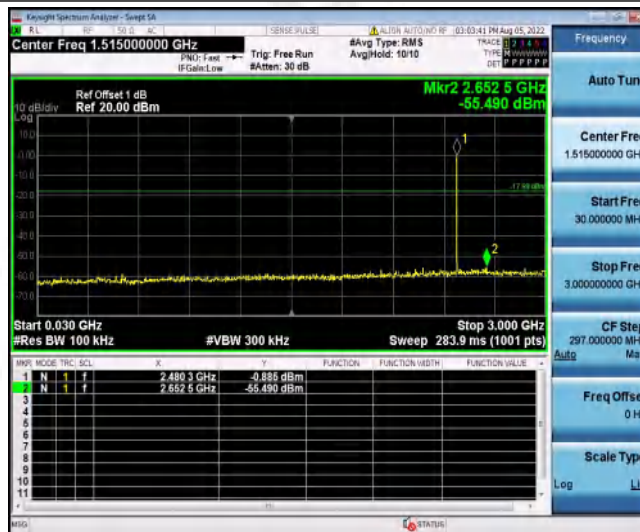
2DH5_Ant1_2480_30~3000



2DH5_Ant1_2480_3000~26500



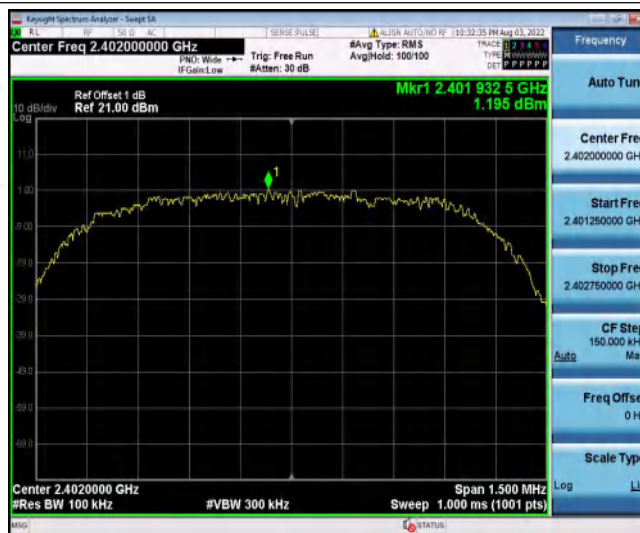
2DH5_Ant2_2480_0~Reference



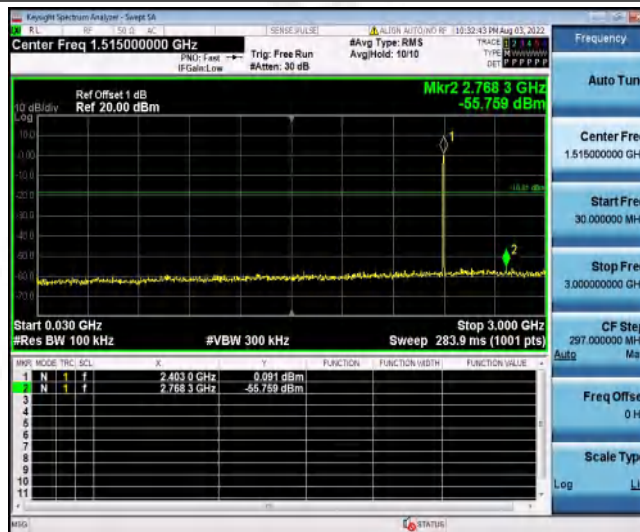
2DH5_Ant2_2480_30~3000



2DH5_Ant2_2480_3000~26500



3DH5_Ant1_2402_0~Reference



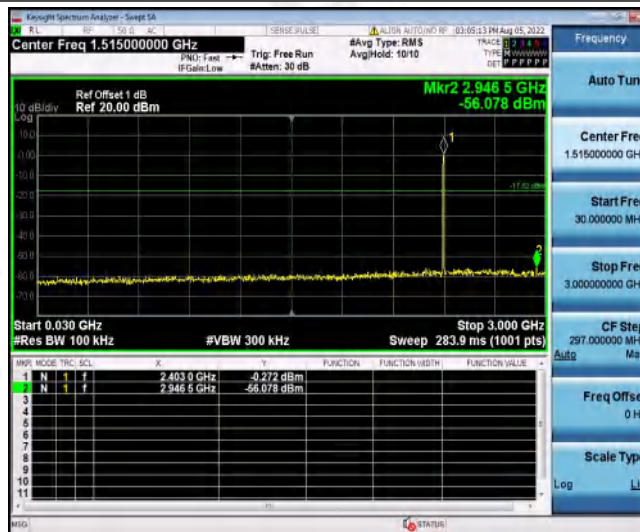
3DH5_Ant1_2402_30~3000



3DH5_Ant1_2402_3000~26500



3DH5_Ant2_2402_0~Reference



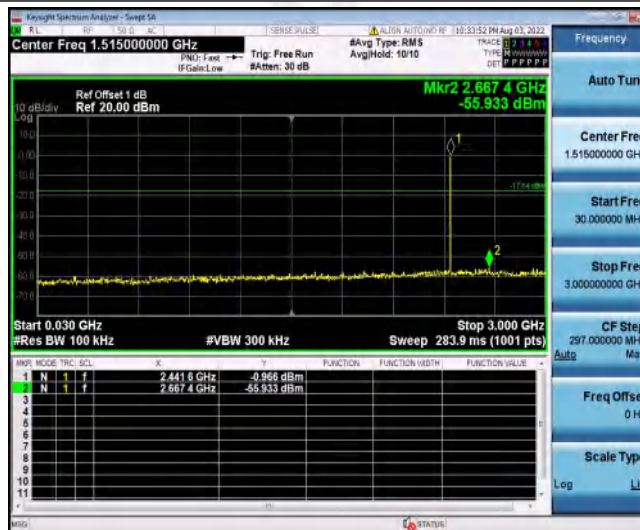
3DH5_Ant2_2402_30~3000



3DH5_Ant2_2402_3000~26500



3DH5_Ant1_2441_0~Reference



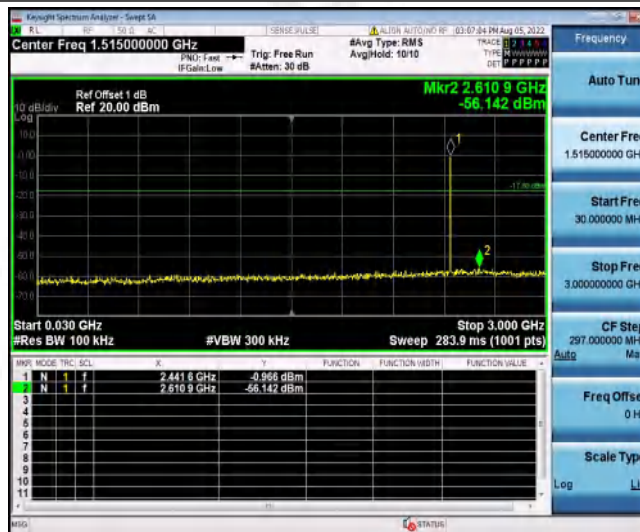
3DH5_Ant1_2441_30~3000



3DH5_Ant1_2441_3000~26500



3DH5_Ant2_2441_0~Reference



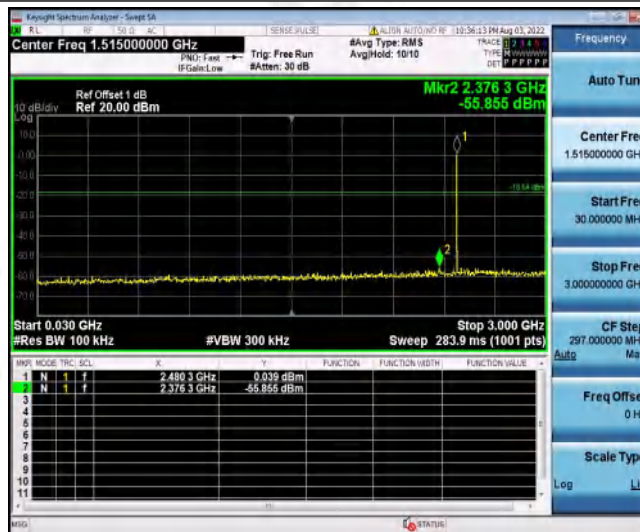
3DH5_Ant2_2441_30~3000



3DH5_Ant2_2441_3000~26500



3DH5_Ant1_2480_0~Reference



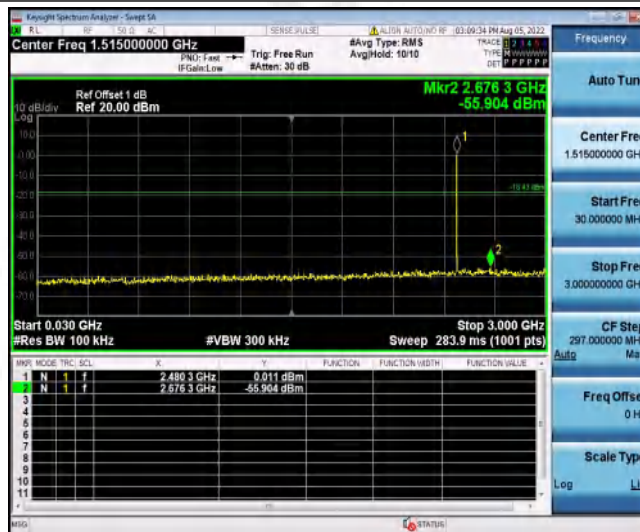
3DH5_Ant1_2480_30~3000



3DH5_Ant1_2480_3000~26500



3DH5_Ant2_2480_0~Reference



3DH5_Ant2_2480_30~3000



3DH5_Ant2_2480_3000~26500

***** End *****