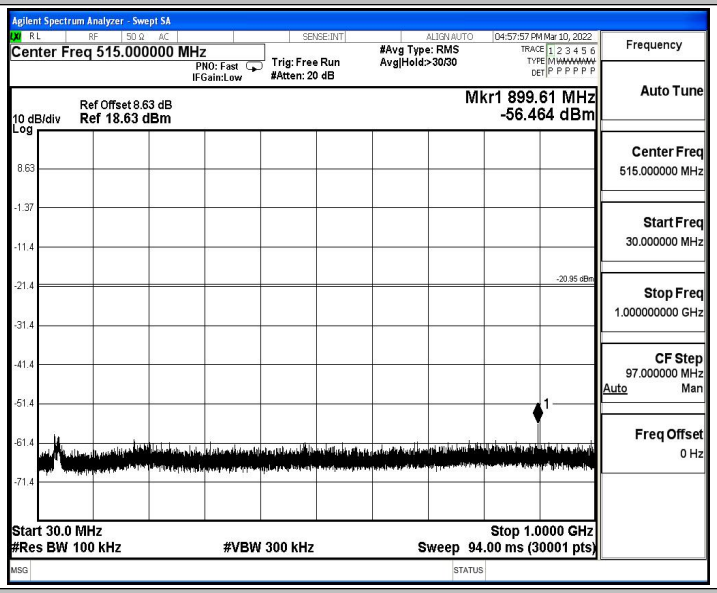
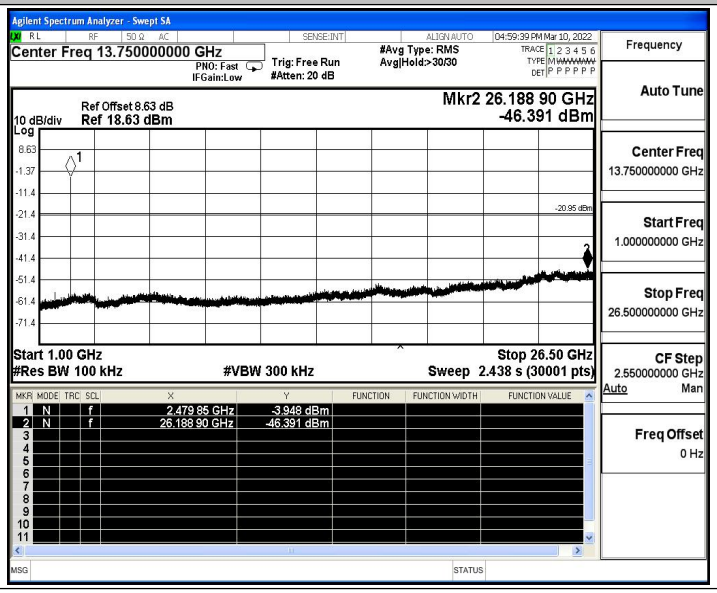
3DH5_Ant1_2480_30~1000



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	-48.41	≤-41.20	46.79	≤54	PASS
				AV	2389.145	-47.75	≤-41.20	47.45	≤54	PASS
				AV	2390.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2310.000	-38.82	≤-21.20	56.38	≤74	PASS
				Peak	2344.940	-36.68	≤-21.20	58.52	≤74	PASS
				Peak	2390.000	-37.84	≤-21.20	57.36	≤74	PASS
		High	2480	AV	2483.500	-47.31	≤-41.20	47.89	≤54	PASS
				AV	2499.680	-47.31	≤-41.20	47.89	≤54	PASS
				AV	2500.000	-47.41	≤-41.20	47.79	≤54	PASS
				Peak	2483.500	-33.17	≤-21.20	62.03	≤74	PASS
				Peak	2483.920	-32.8	≤-21.20	62.40	≤74	PASS
				Peak	2500.000	-38.58	≤-21.20	56.62	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-38.79	≤-21.20	56.41	≤74	PASS
				Peak	2358.380	-34.77	≤-21.20	60.43	≤74	PASS
				Peak	2390.000	-39.67	≤-21.20	55.53	≤74	PASS
		High	Hop_2480	Peak	2483.500	-37.25	≤-21.20	57.95	≤74	PASS
				Peak	2492.560	-36.56	≤-21.20	58.64	≤74	PASS
				Peak	2500.000	-37.9	≤-21.20	57.30	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-48.25	≤-41.20	46.95	≤54	PASS
				AV	2386.310	-47.88	≤-41.20	47.32	≤54	PASS
				AV	2390.000	-47.98	≤-41.20	47.22	≤54	PASS
				Peak	2310.000	-38.2	≤-21.20	57.00	≤74	PASS
				Peak	2377.700	-36.97	≤-21.20	58.23	≤74	PASS
				Peak	2390.000	-38.67	≤-21.20	56.53	≤74	PASS
		High	2480	AV	2483.500	-47.37	≤-41.20	47.83	≤54	PASS
				AV	2499.440	-47.27	≤-41.20	47.93	≤54	PASS
				AV	2500.000	-47.4	≤-41.20	47.80	≤54	PASS
				Peak	2483.500	-36.11	≤-21.20	59.09	≤74	PASS
				Peak	2483.920	-34.07	≤-21.20	61.13	≤74	PASS
				Peak	2500.000	-37.3	≤-21.20	57.90	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.04	≤-21.20	56.16	≤74	PASS
				Peak	2368.880	-36.9	≤-21.20	58.30	≤74	PASS
				Peak	2390.000	-38.52	≤-21.20	56.68	≤74	PASS
		High	Hop_2480	Peak	2483.500	-38.15	≤-21.20	57.05	≤74	PASS
				Peak	2483.840	-35.45	≤-21.20	59.75	≤74	PASS
				Peak	2500.000	-37.65	≤-21.20	57.55	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.33	≤-41.20	46.87	≤54	PASS

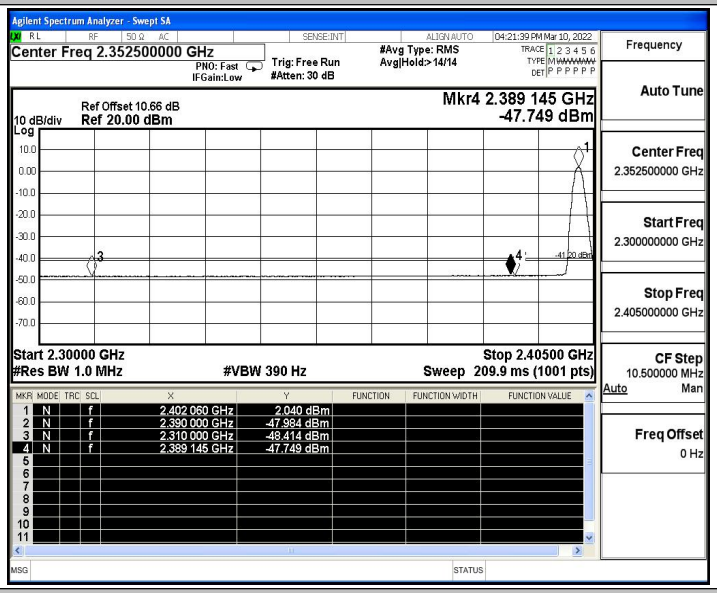
				AV	2387.675	-47.82	≤-41.20	47.38	≤54	PASS
				AV	2390.000	-47.96	≤-41.20	47.24	≤54	PASS
				Peak	2310.000	-38.91	≤-21.20	56.29	≤74	PASS
				Peak	2385.995	-29.1	≤-21.20	66.10	≤74	PASS
				Peak	2390.000	-38.54	≤-21.20	56.66	≤74	PASS
		High	2480	AV	2483.500	-47.28	≤-41.20	47.92	≤54	PASS
				AV	2499.360	-47.24	≤-41.20	47.96	≤54	PASS
				AV	2500.000	-47.44	≤-41.20	47.76	≤54	PASS
				Peak	2483.500	-34.77	≤-21.20	60.43	≤74	PASS
				Peak	2483.520	-34.77	≤-21.20	60.43	≤74	PASS
				Peak	2500.000	-38.1	≤-21.20	57.10	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.21	≤-21.20	55.99	≤74	PASS
				Peak	2310.185	-37.42	≤-21.20	57.78	≤74	PASS
				Peak	2390.000	-39.77	≤-21.20	55.43	≤74	PASS
		High	Hop_2480	Peak	2483.500	-37.71	≤-21.20	57.49	≤74	PASS
				Peak	2485.600	-36.33	≤-21.20	58.87	≤74	PASS
				Peak	2500.000	-38.26	≤-21.20	56.94	≤74	PASS

Note：

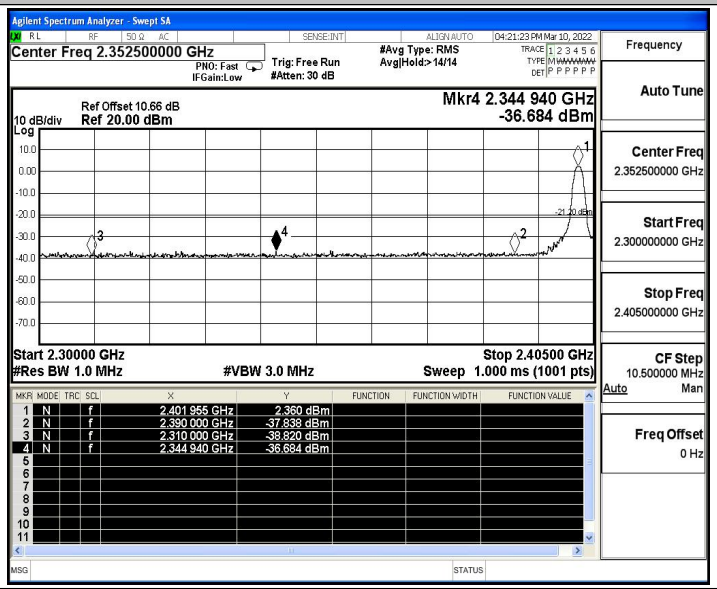
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

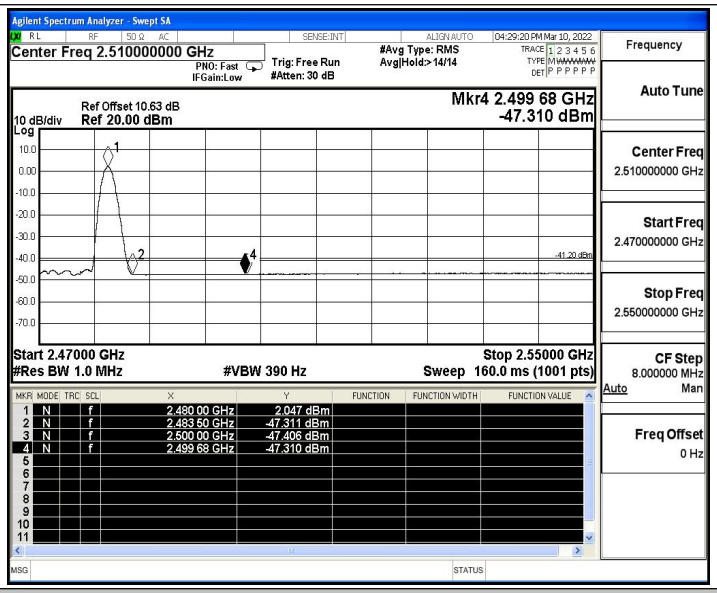
DH5_Ant1_Low_2402_AV



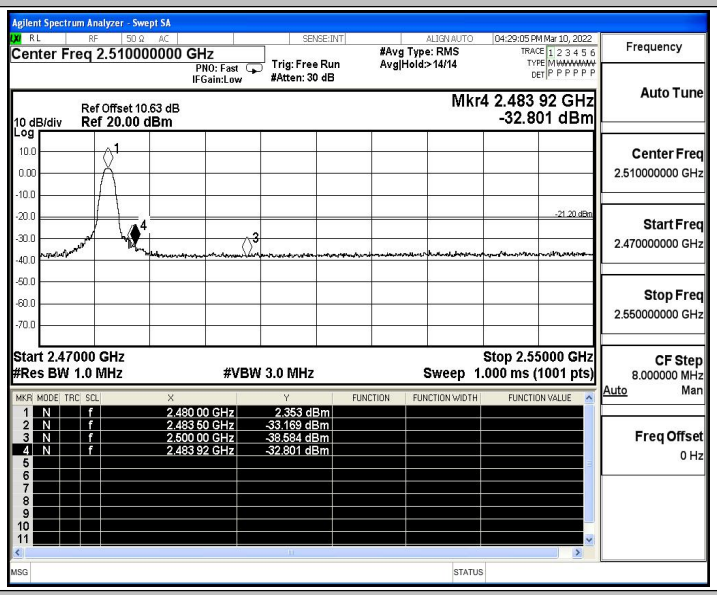
DH5_Ant1_Low_2402_Peak



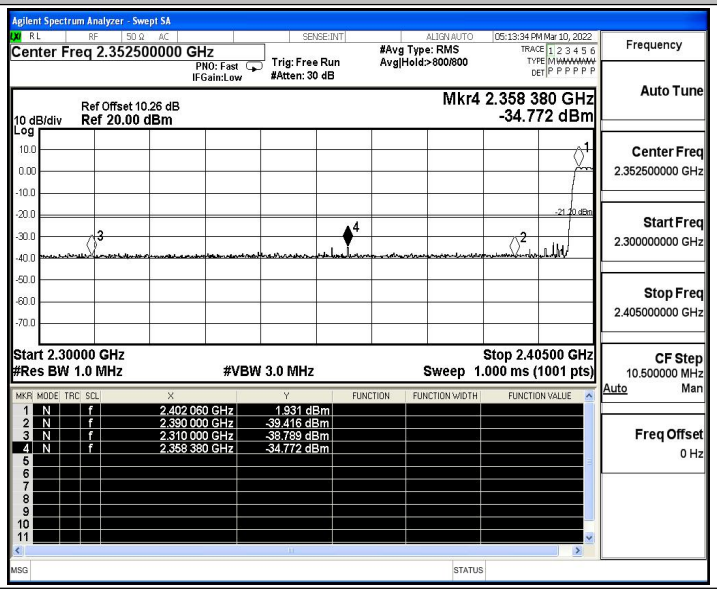
DH5_Ant1_High_2480_AV



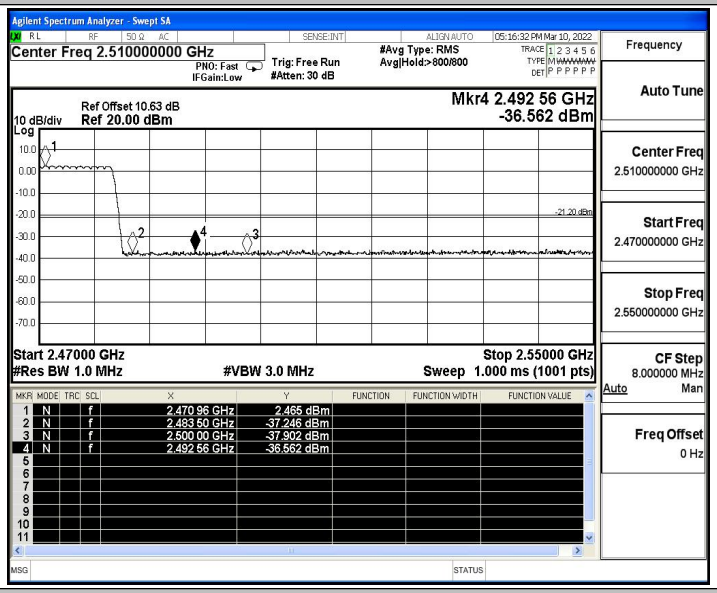
DH5_Ant1_High_2480_Peak



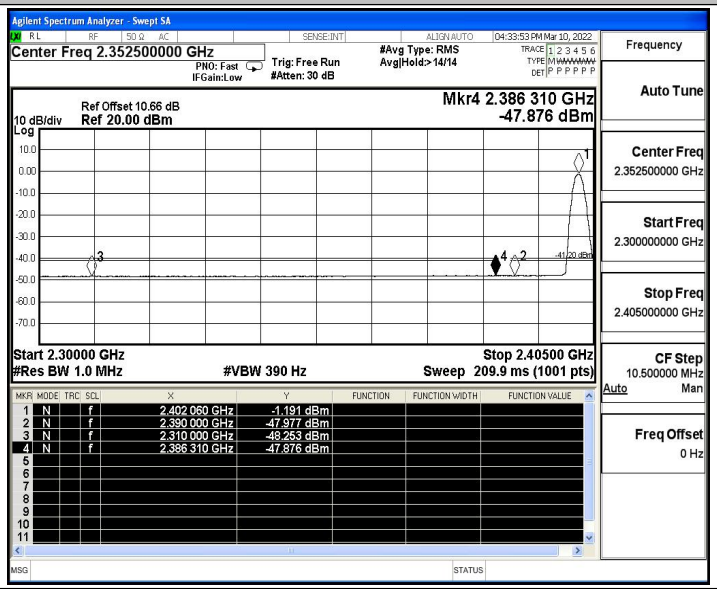
DH5_Ant1_Low_Hop_2402_Peak



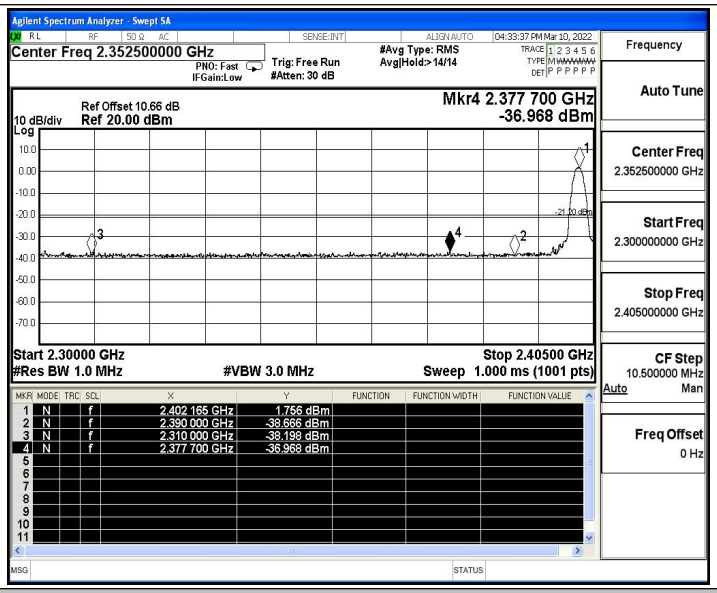
DH5_Ant1_High_Hop_2480_Peak



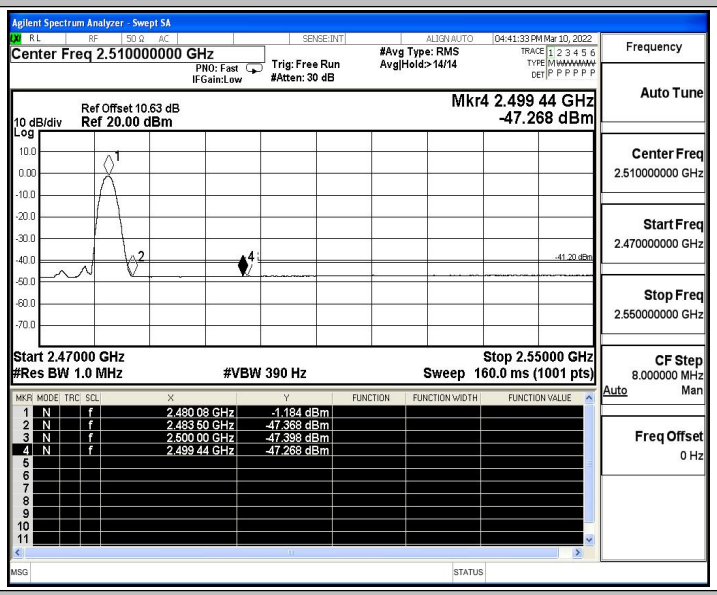
2DH5_Ant1_Low_2402_AV



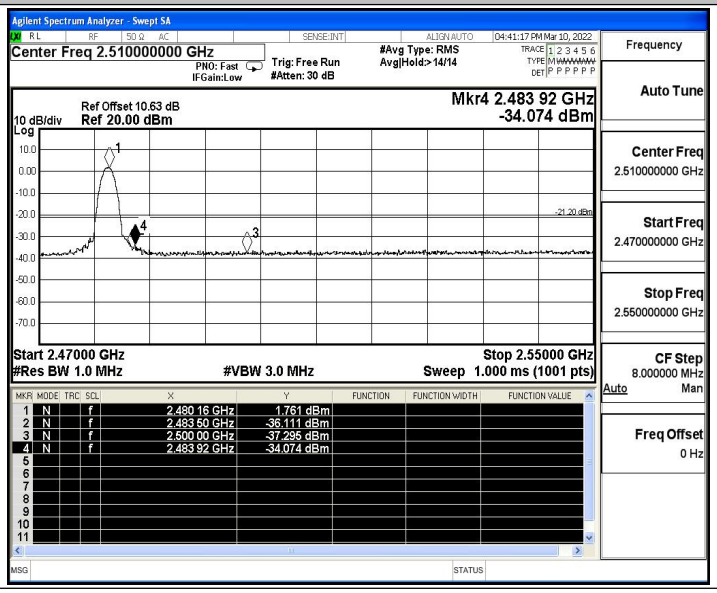
2DH5_Ant1_Low_2402_Peak



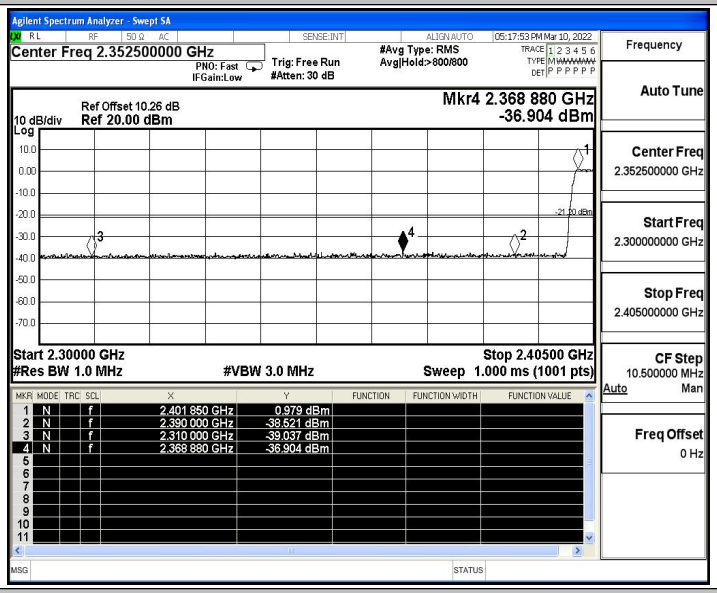
2DH5_Ant1_High_2480_AV



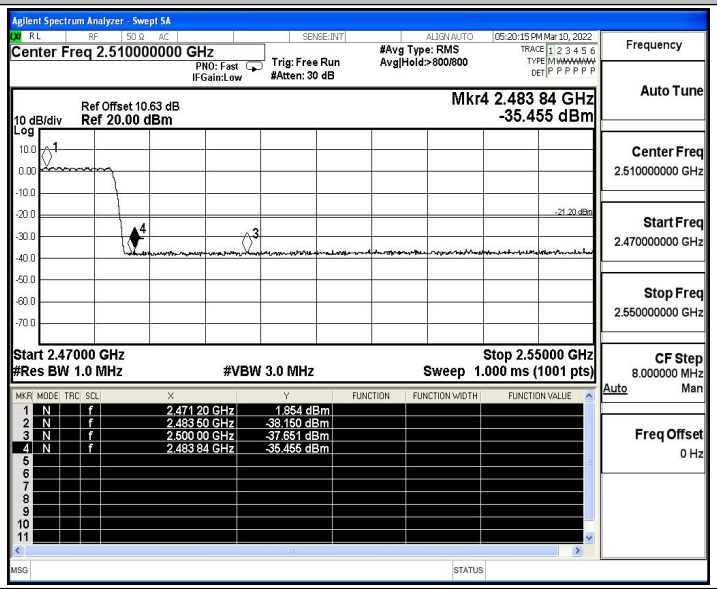
2DH5_Ant1_High_2480_Peak



2DH5_Ant1_Low_Hop_2402_Peak



2DH5_Ant1_High_Hop_2480_Peak



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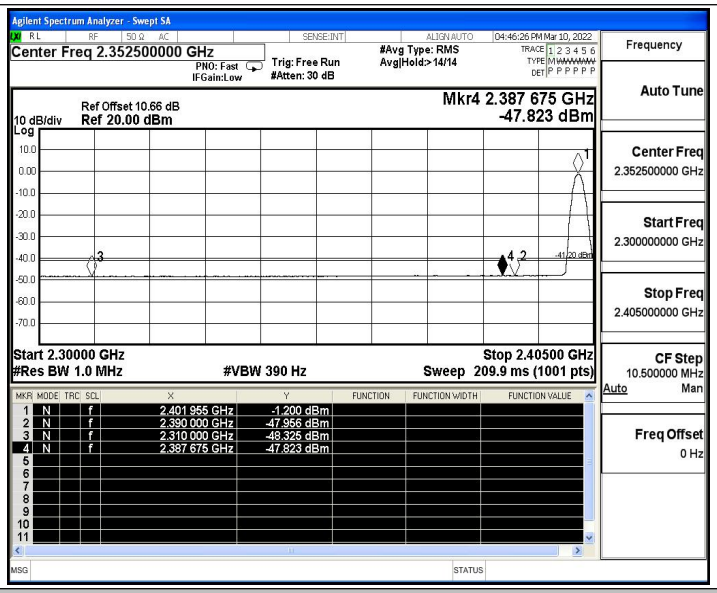
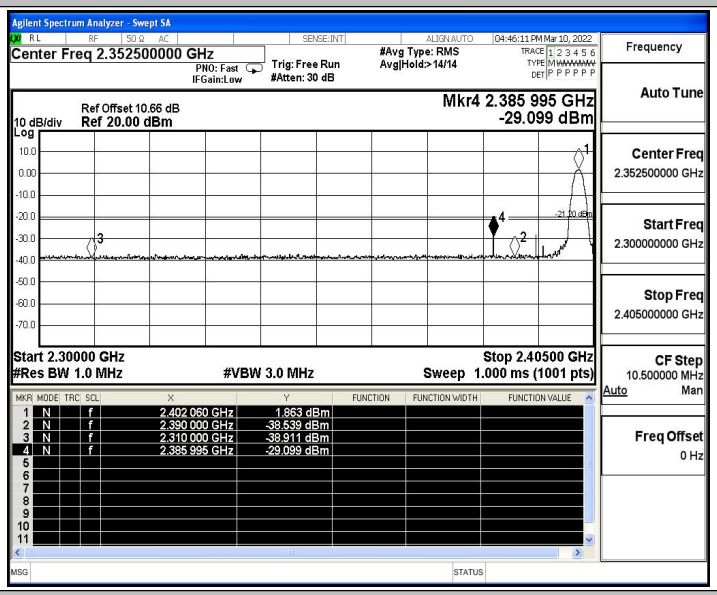
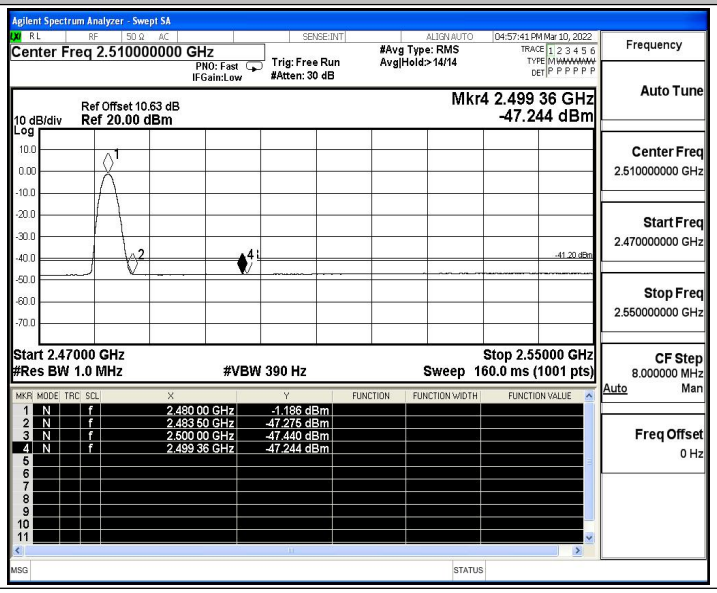


3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



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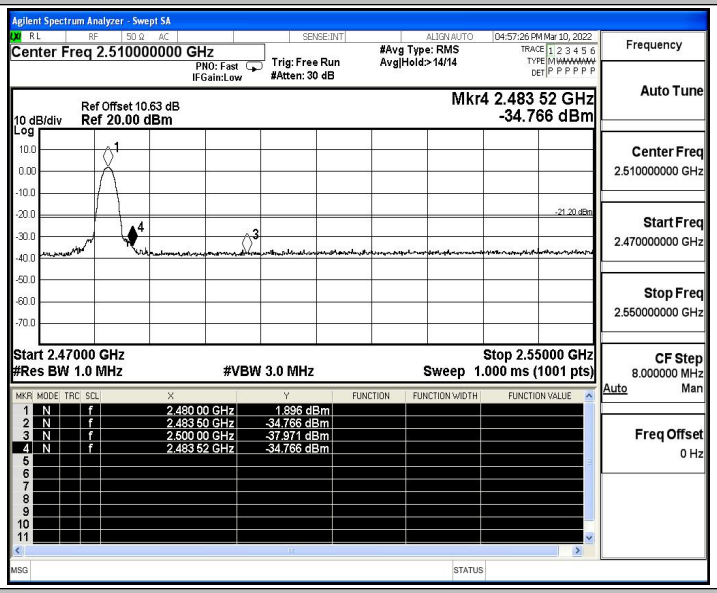
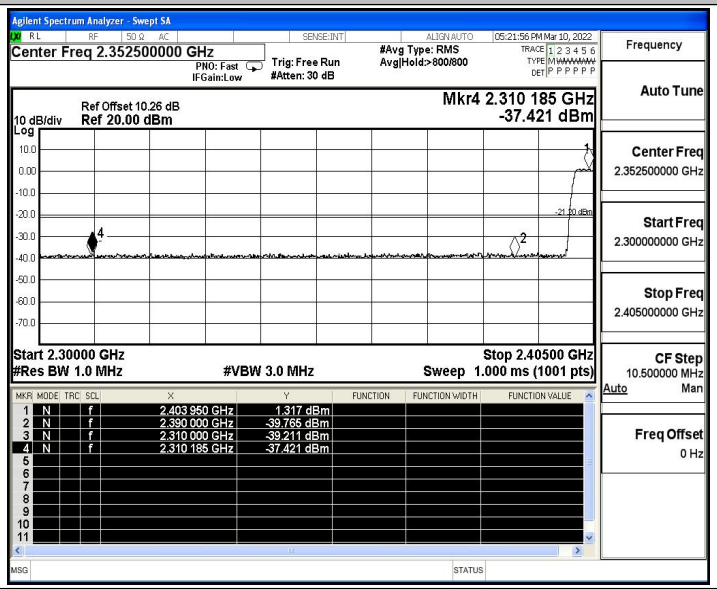
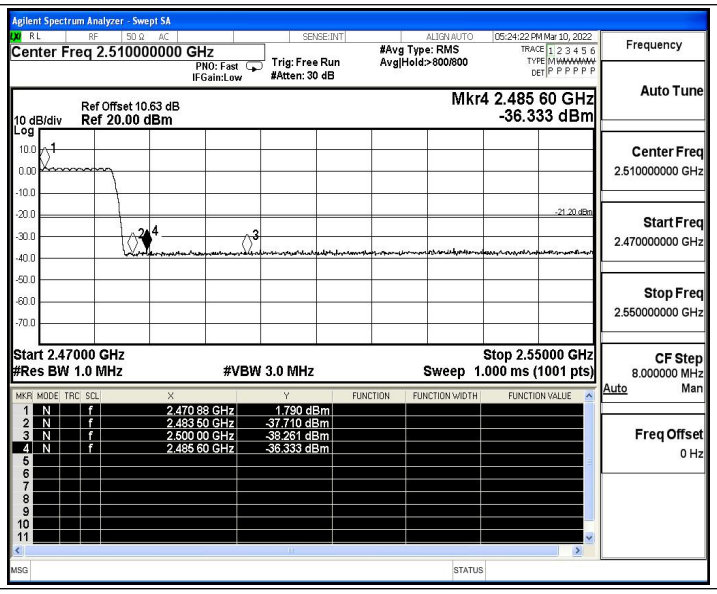


3DH5_Ant1_Low_Hop_2402_Peak



3DH5_Ant1_High_Hop_2480_Peak


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.510000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold:>800/800
05:24:22 PM Mar 10, 2022
Ref Offset 10.63 dB
10 dB/div Ref 20.00 dBm
Log
Mkr4 2.485 60 GHz
-36.333 dBm
-21.20 dBm
Start 2.47000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz
Stop 2.55000 GHz
Sweep 1.000 ms (1001 pts)
1 N f 2.470 88 GHz 1.790 dBm
2 N f 2.483 50 GHz -37.710 dBm
3 N f 2.500 00 GHz -38.261 dBm
4 N f 2.485 60 GHz -36.333 dBm
Frequency
Auto Tune
Center Freq
2.510000000 GHz
Start Freq
2.470000000 GHz
Stop Freq
2.550000000 GHz
CF Step
8.000000 MHz
Auto Man
Freq Offset
0 Hz