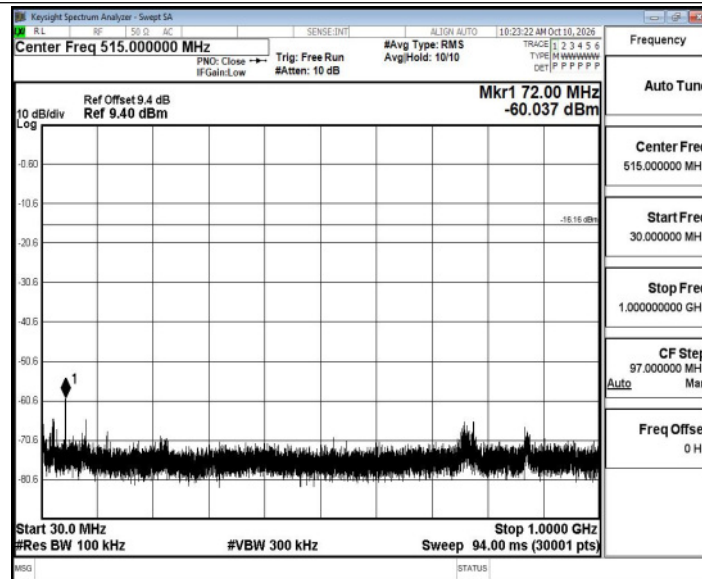
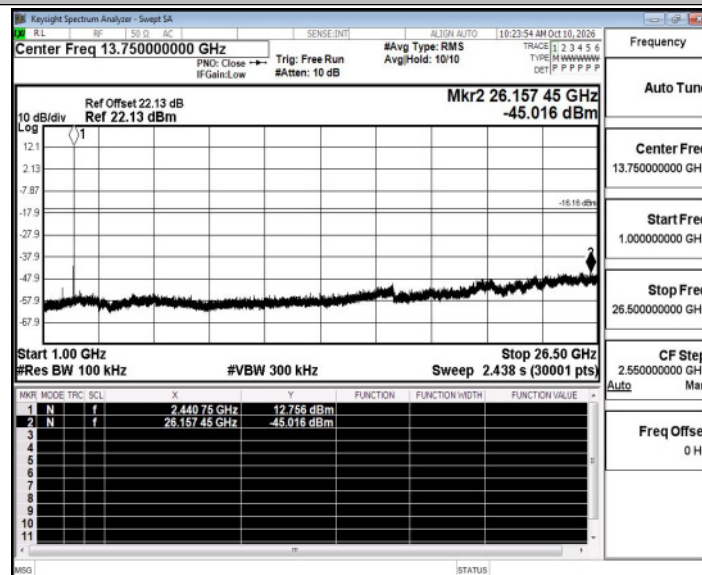
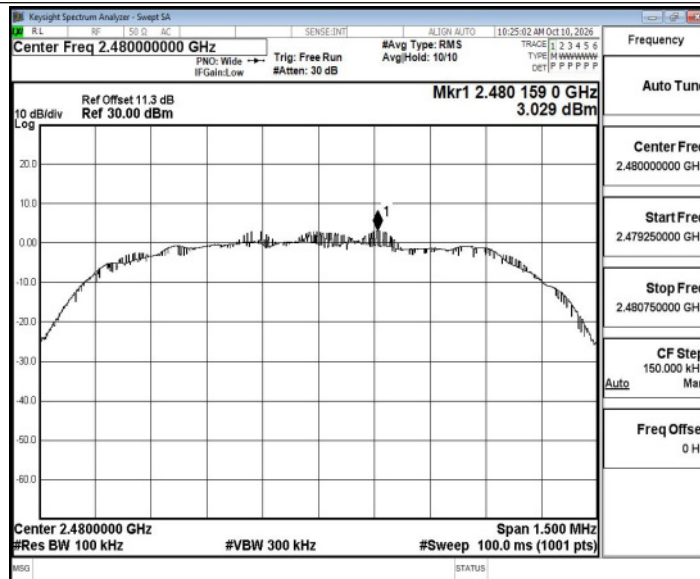




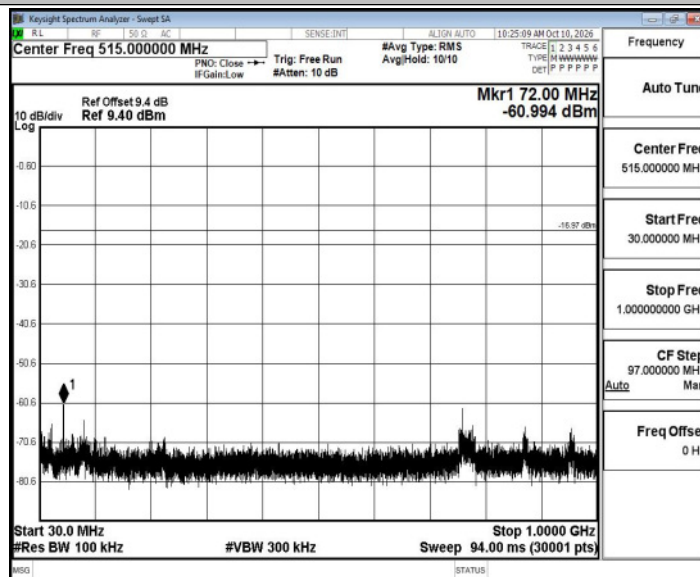
3DH5_Ant2_2441_1000~26500



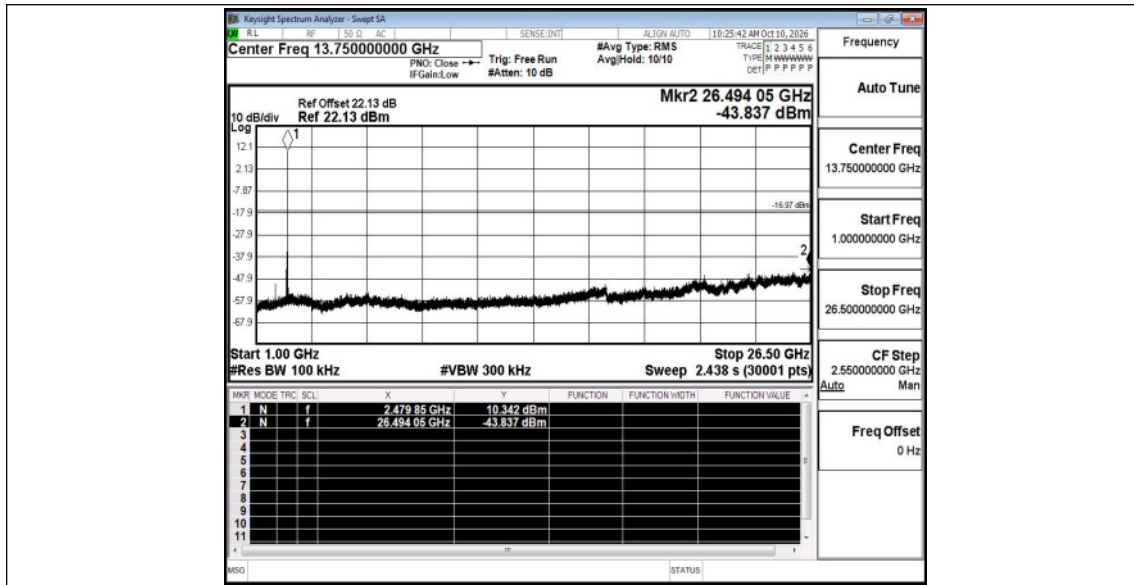
3DH5_Ant2_2480_0~Reference



3DH5_Ant2_2480_30~1000



3DH5_Ant2_2480_1000~26500



A.8 Duty Cycle

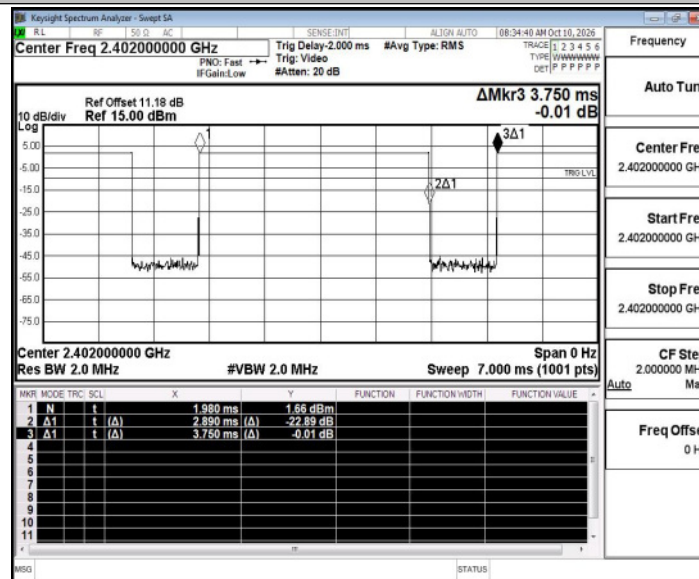
Test Result

Left:

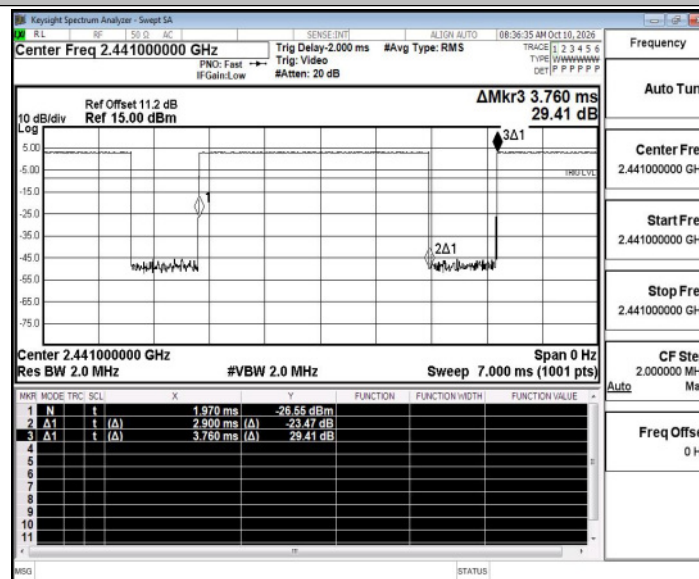
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.89	3.75	77.07	1.13	---	---
		2441	2.90	3.76	77.13	1.13	---	---
		2480	2.89	3.75	77.07	1.13	---	---
2DH5	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.90	3.74	77.54	1.10	---	---
3DH5	Ant1	2402	2.90	3.75	77.33	1.12	---	---
		2441	2.89	3.74	77.27	1.12	---	---
		2480	2.89	3.74	77.27	1.12	---	---

Test Graphs

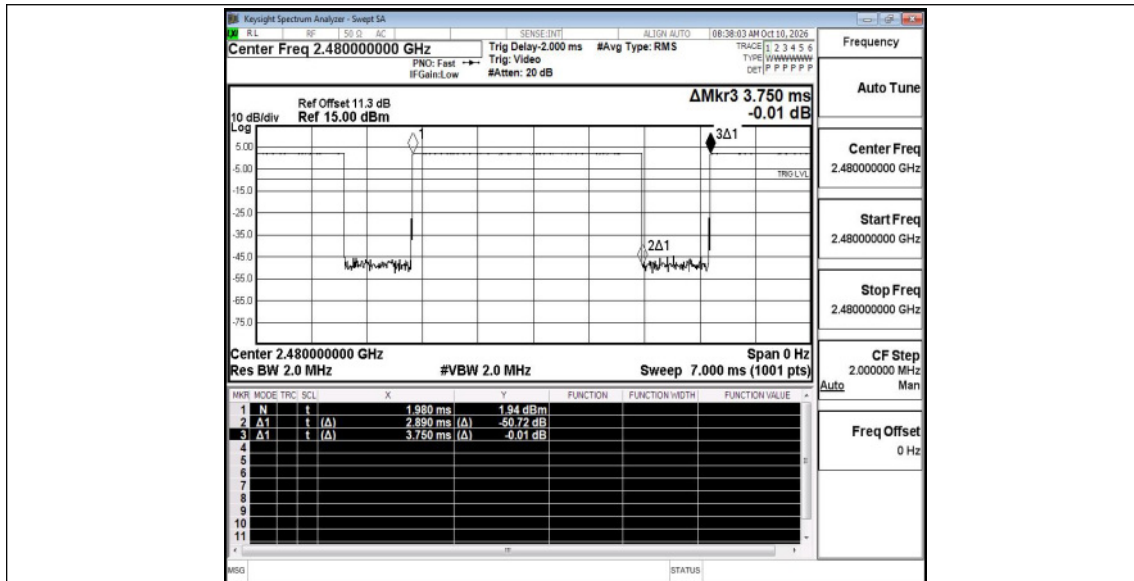
DH5_Ant1_2402



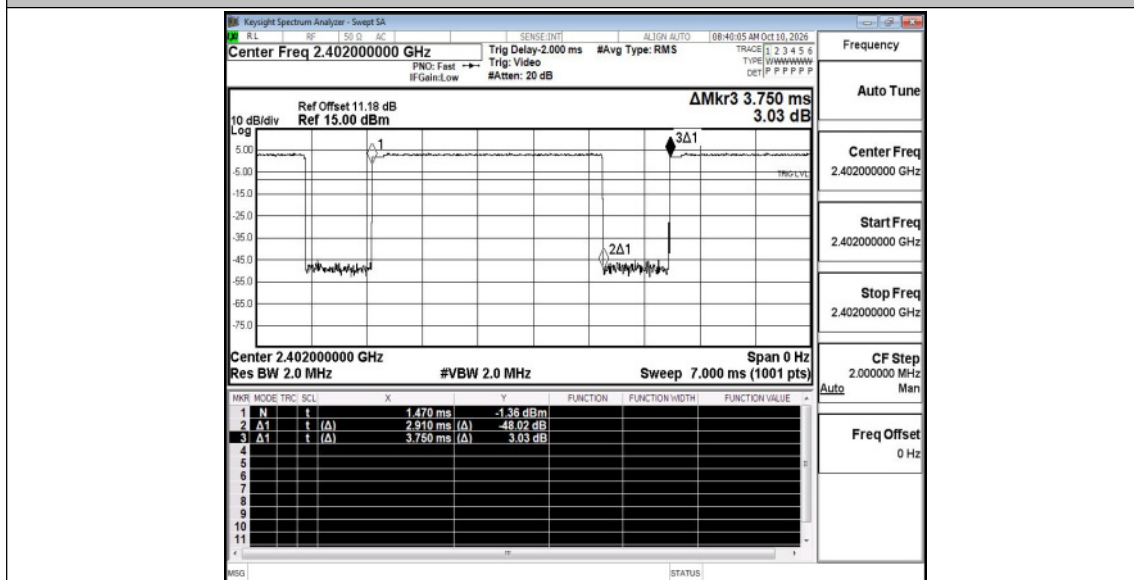
DH5_Ant1_2441



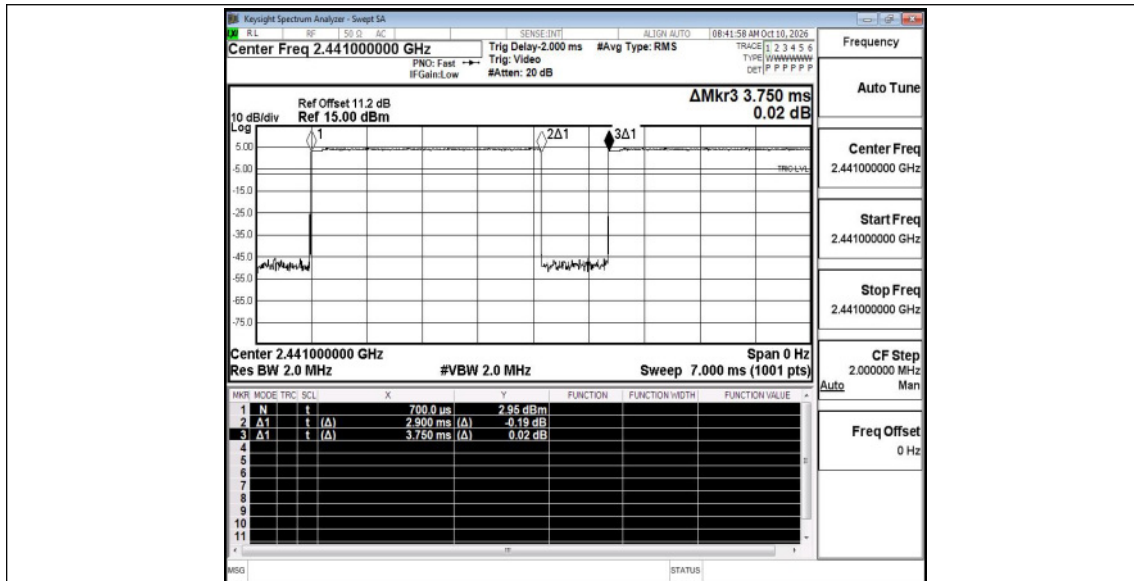
DH5_Ant1_2480



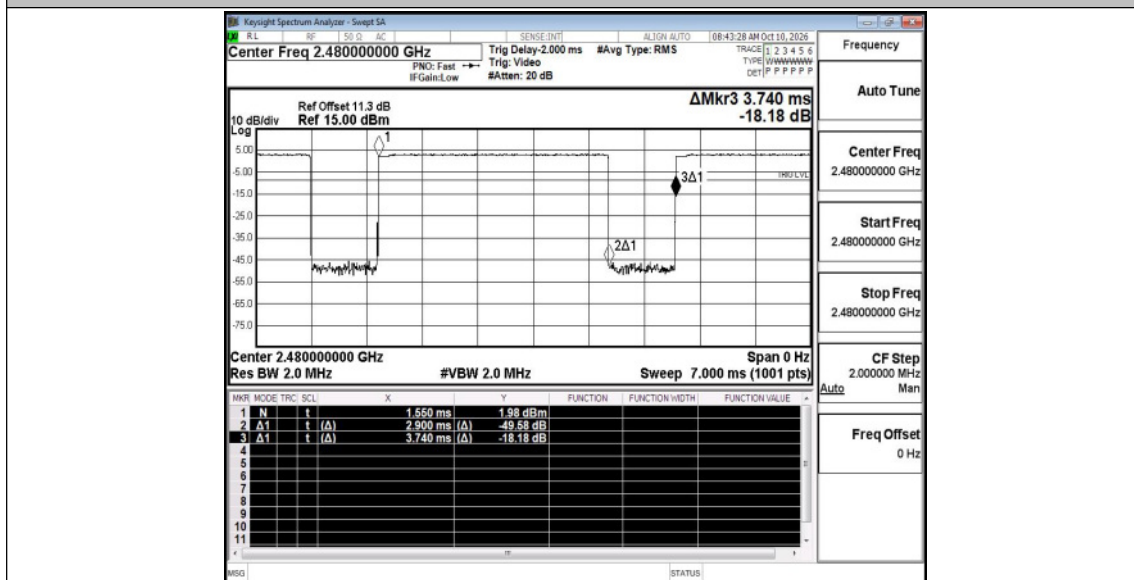
2DH5_Ant1_2402



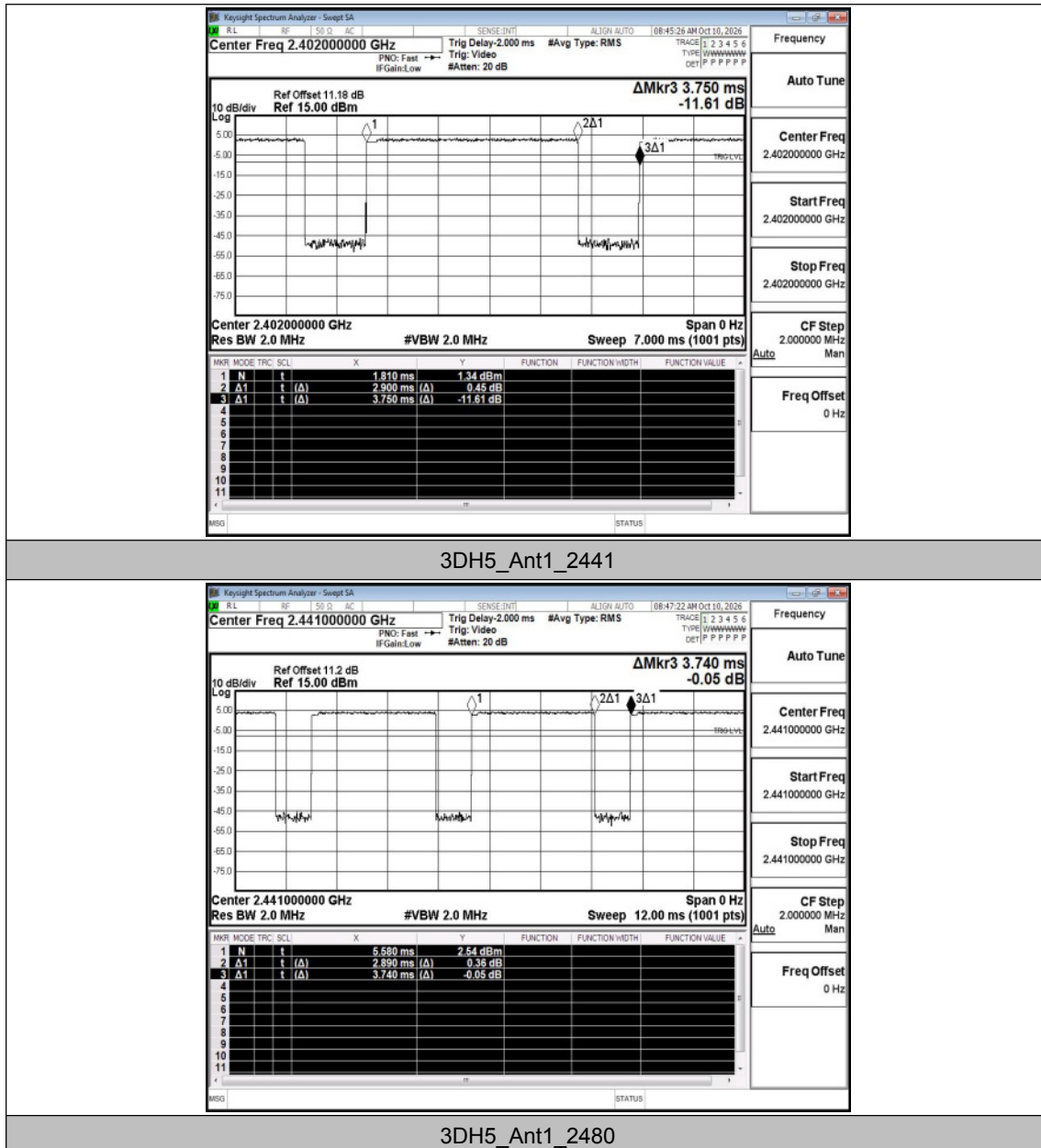
2DH5_Ant1_2441

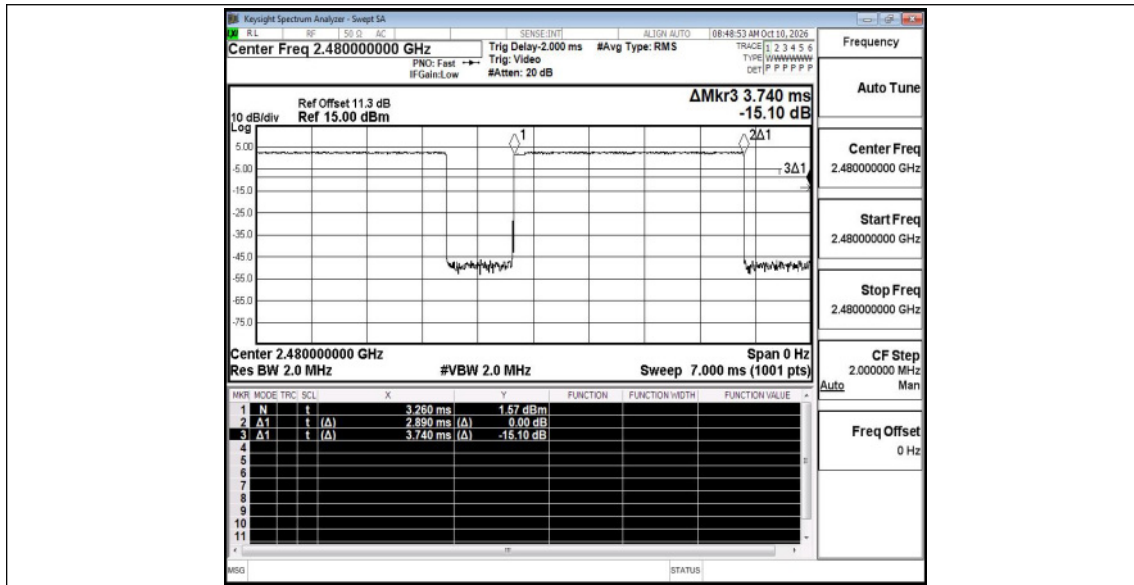


2D H5_Ant1_2480



3D H5_Ant1_2402



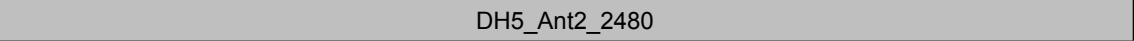
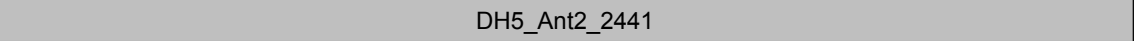


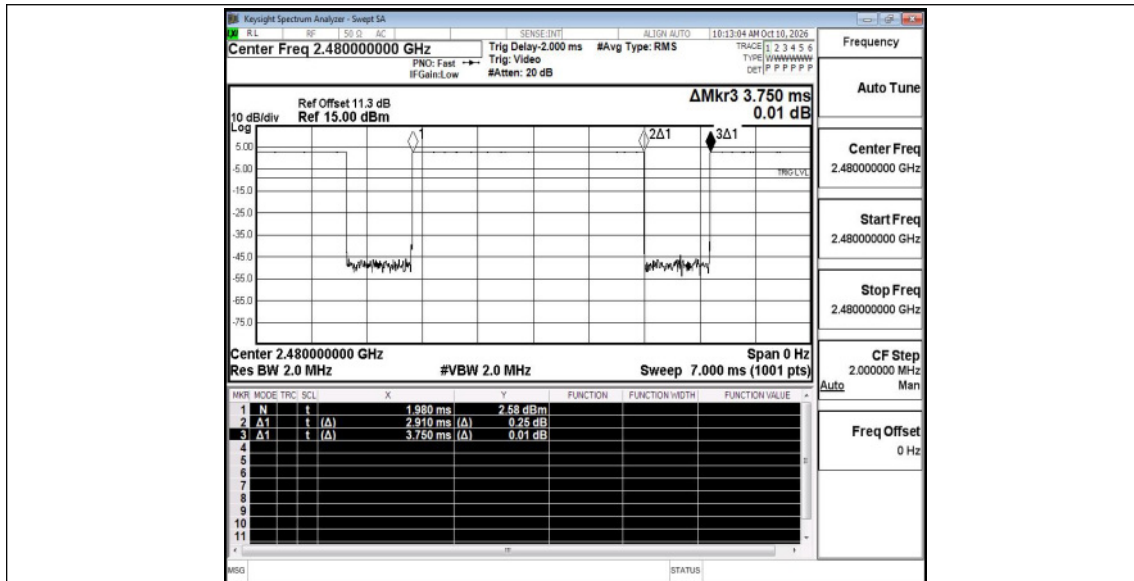
Test Result

Right:

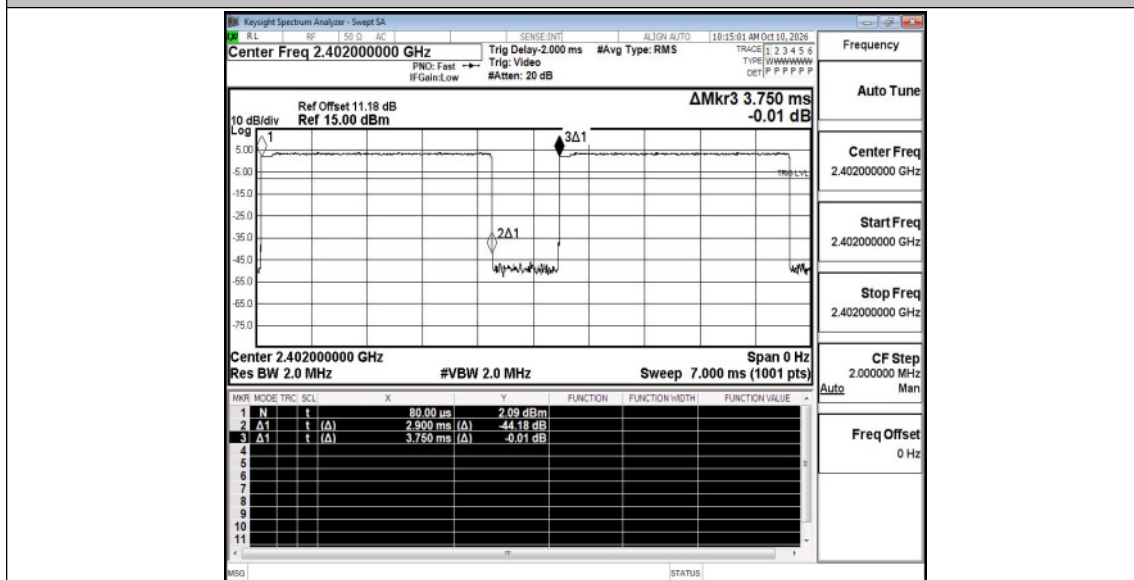
TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant2	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.91	3.75	77.60	1.10	---	---
		2480	2.91	3.75	77.60	1.10	---	---
2DH5	Ant2	2402	2.90	3.75	77.33	1.12	---	---
		2441	2.90	3.75	77.33	1.12	---	---
		2480	2.91	3.75	77.60	1.10	---	---
3DH5	Ant2	2402	2.89	3.74	77.27	1.12	---	---
		2441	2.90	3.76	77.13	1.13	---	---
		2480	2.90	3.74	77.54	1.10	---	---

DH5_Ant2_2402

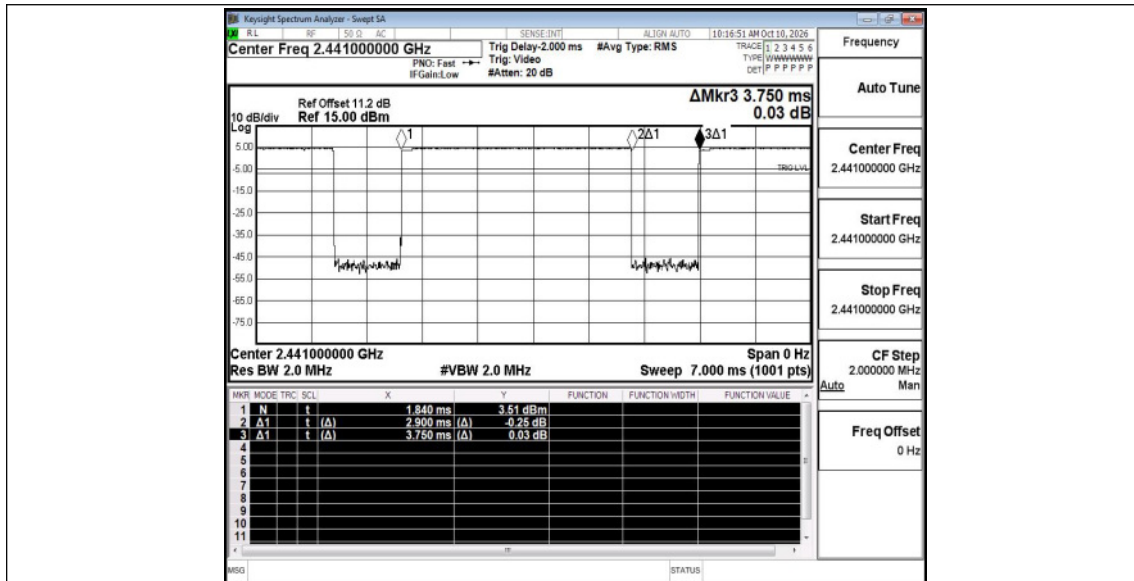




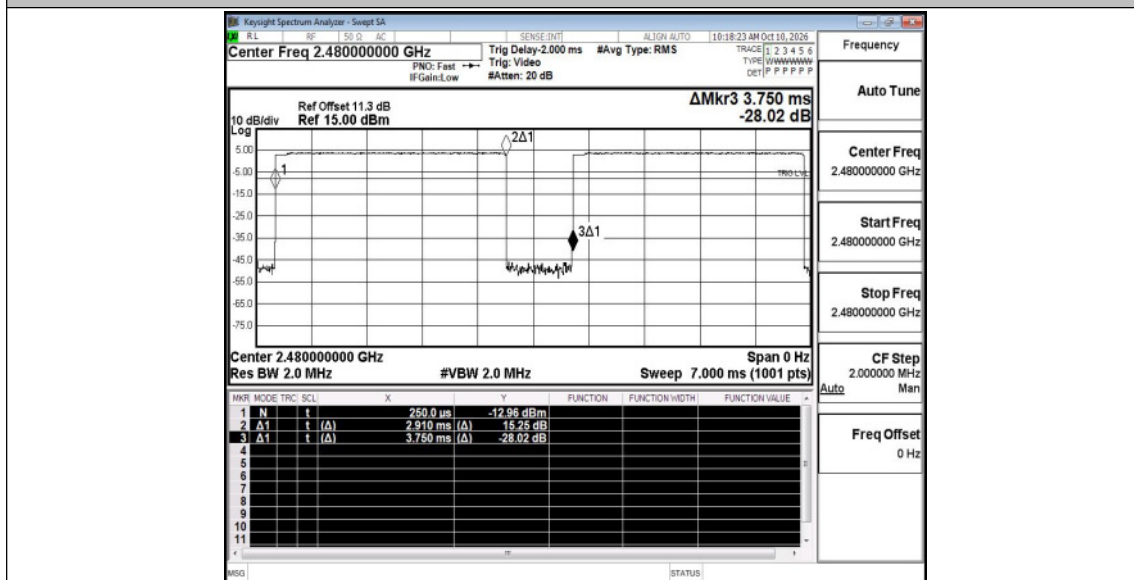
2DH5_Ant2_2402



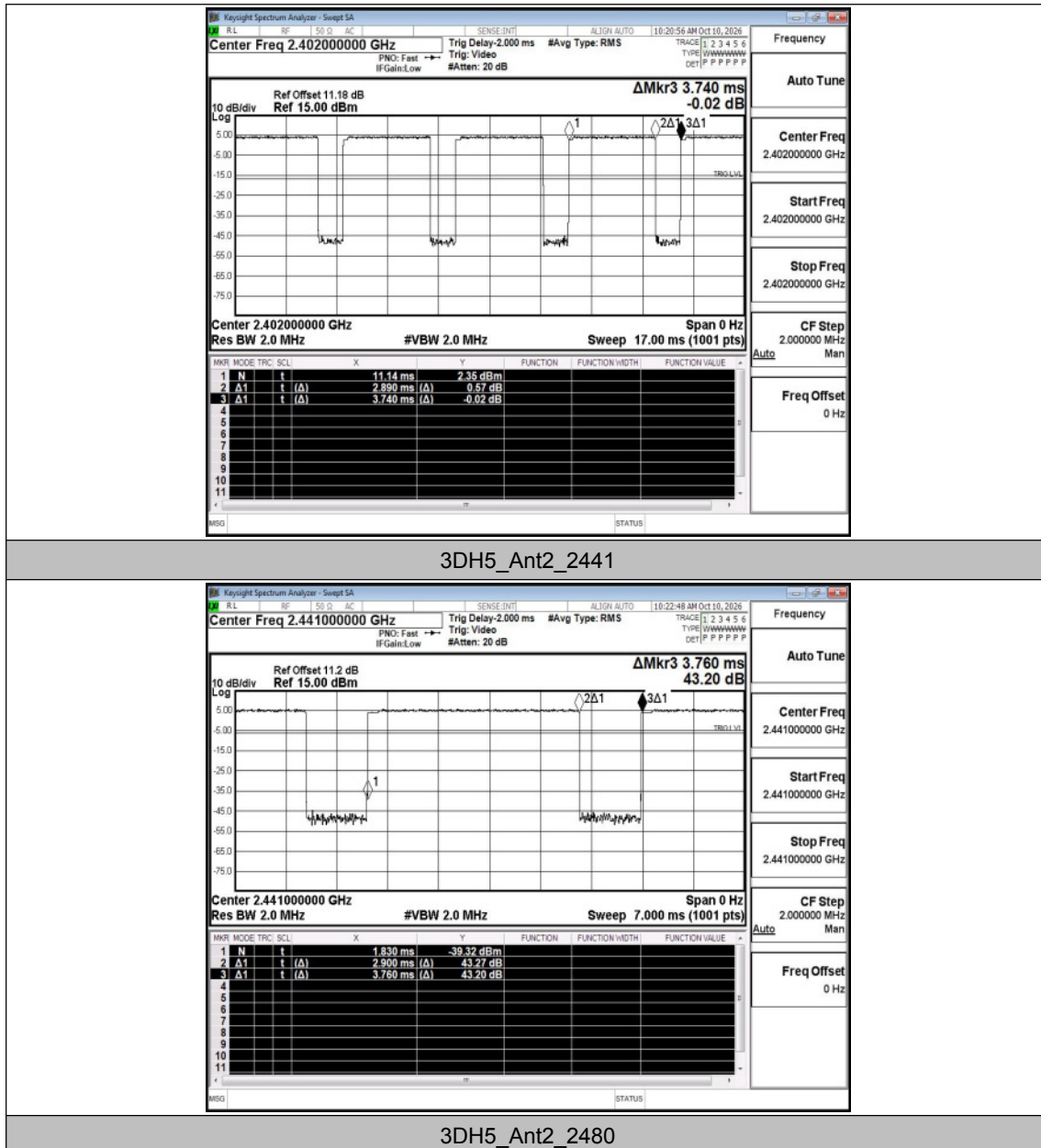
2DH5_Ant2_2441



2DH5_Ant2_2480



3DH5_Ant2_2402



A.9 Emissions in Restricted Bands

Test Result

Left:

TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-62.35	≤-45.33	2.00	1.13	35.98	≤54	PASS
				AV	2365.520	-61.32	≤-45.33	2.00	1.13	37.01	≤54	PASS
				AV	2390.000	-61.74	≤-45.33	2.00	1.13	36.59	≤54	PASS
				Peak	2310.000	-53.6	≤-24.20	2.00	0	43.60	≤74	PASS
				Peak	2332.025	-50.91	≤-24.20	2.00	0	46.29	≤74	PASS
				Peak	2390.000	-54.22	≤-24.20	2.00	0	42.98	≤74	PASS
		High	2480	AV	2483.500	-60.76	≤-45.33	2.00	1.13	37.57	≤54	PASS
				AV	2484.560	-56.91	≤-45.33	2.00	1.13	41.42	≤54	PASS
				AV	2500.000	-61.22	≤-45.33	2.00	1.13	37.11	≤54	PASS
				Peak	2483.500	-51.18	≤-24.20	2.00	0	46.02	≤74	PASS
				Peak	2485.040	-35.89	≤-24.20	2.00	0	61.31	≤74	PASS
				Peak	2500.000	-54.39	≤-24.20	2.00	0	42.81	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-51.47	≤-24.20	2.00	0	45.73	≤74	PASS
				Peak	2348.615	-50.58	≤-24.20	2.00	0	46.62	≤74	PASS
				Peak	2390.000	-52.3	≤-24.20	2.00	0	44.90	≤74	PASS
		High	Hop_2480	Peak	2483.500	-52.59	≤-24.20	2.00	0	44.61	≤74	PASS
				Peak	2489.840	-43.41	≤-24.20	2.00	0	53.79	≤74	PASS
				Peak	2500.000	-50.64	≤-24.20	2.00	0	46.56	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-61.95	≤-45.30	2.00	1.1	36.35	≤54	PASS
				AV	2389.040	-61.33	≤-45.30	2.00	1.1	36.97	≤54	PASS
				AV	2390.000	-61.84	≤-45.30	2.00	1.1	36.46	≤54	PASS
				Peak	2310.000	-54.04	≤-24.20	2.00	0	43.16	≤74	PASS
				Peak	2388.200	-50.65	≤-24.20	2.00	0	46.55	≤74	PASS
				Peak	2390.000	-53.92	≤-24.20	2.00	0	43.28	≤74	PASS
		High	2480	AV	2483.500	-57.05	≤-45.30	2.00	1.1	41.25	≤54	PASS
				AV	2483.520	-57.05	≤-45.30	2.00	1.1	41.25	≤54	PASS
				AV	2500.000	-61.42	≤-45.30	2.00	1.1	36.88	≤54	PASS
				Peak	2483.500	-46.94	≤-24.20	2.00	0	50.26	≤74	PASS
				Peak	2489.760	-42.4	≤-24.20	2.00	0	54.80	≤74	PASS
				Peak	2500.000	-52.84	≤-24.20	2.00	0	44.36	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-52.63	≤-24.20	2.00	0	44.57	≤74	PASS
				Peak	2383.685	-50.25	≤-24.20	2.00	0	46.95	≤74	PASS
				Peak	2390.000	-51.27	≤-24.20	2.00	0	45.93	≤74	PASS

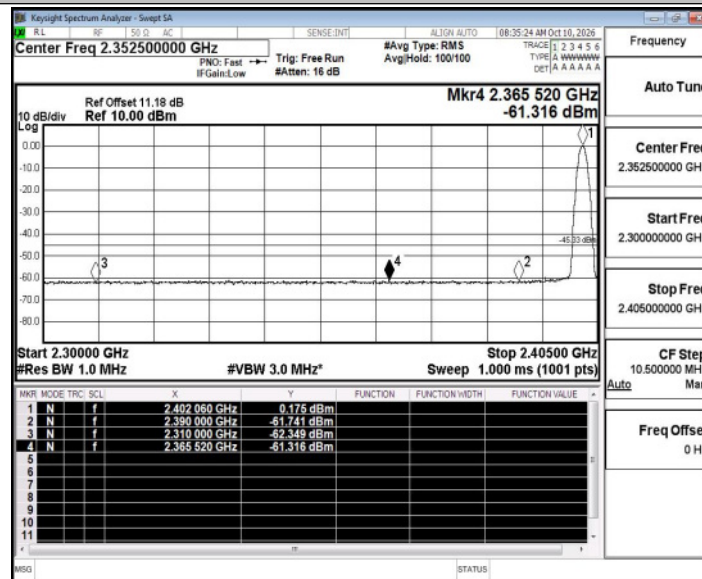
3DH5	Ant1	High	Hop_2480	Peak	2483.500	-51.74	≤ -24.20	2.00	0	45.46	≤ 74	PASS
				Peak	2486.720	-39.82	≤ -24.20	2.00	0	57.38	≤ 74	PASS
				Peak	2500.000	-52.35	≤ -24.20	2.00	0	44.85	≤ 74	PASS
		Low	2402	AV	2310.000	-62.2	≤ -45.32	2.00	1.12	36.12	≤ 54	PASS
				AV	2386.940	-61.33	≤ -45.32	2.00	1.12	36.99	≤ 54	PASS
				AV	2390.000	-62.02	≤ -45.32	2.00	1.12	36.30	≤ 54	PASS
				Peak	2310.000	-54.85	≤ -24.20	2.00	0	42.35	≤ 74	PASS
				Peak	2338.115	-51.05	≤ -24.20	2.00	0	46.15	≤ 74	PASS
				Peak	2390.000	-54.33	≤ -24.20	2.00	0	42.87	≤ 74	PASS
		High	2480	AV	2483.500	-57.1	≤ -45.32	2.00	1.12	41.22	≤ 54	PASS
				AV	2483.520	-57.1	≤ -45.32	2.00	1.12	41.22	≤ 54	PASS
				AV	2500.000	-61.6	≤ -45.32	2.00	1.12	36.72	≤ 54	PASS
				Peak	2483.500	-44.06	≤ -24.20	2.00	0	53.14	≤ 74	PASS
				Peak	2487.680	-40.15	≤ -24.20	2.00	0	57.05	≤ 74	PASS
				Peak	2500.000	-52.67	≤ -24.20	2.00	0	44.53	≤ 74	PASS
		Low	Hop_2402	Peak	2310.000	-52.67	≤ -24.20	2.00	0	44.53	≤ 74	PASS
				Peak	2386.310	-50.13	≤ -24.20	2.00	0	47.07	≤ 74	PASS
				Peak	2390.000	-53.21	≤ -24.20	2.00	0	43.99	≤ 74	PASS
		High	Hop_2480	Peak	2483.500	-51	≤ -24.20	2.00	0	46.20	≤ 74	PASS
				Peak	2487.440	-47.36	≤ -24.20	2.00	0	49.84	≤ 74	PASS
				Peak	2500.000	-52.6	≤ -24.20	2.00	0	44.60	≤ 74	PASS

Note:

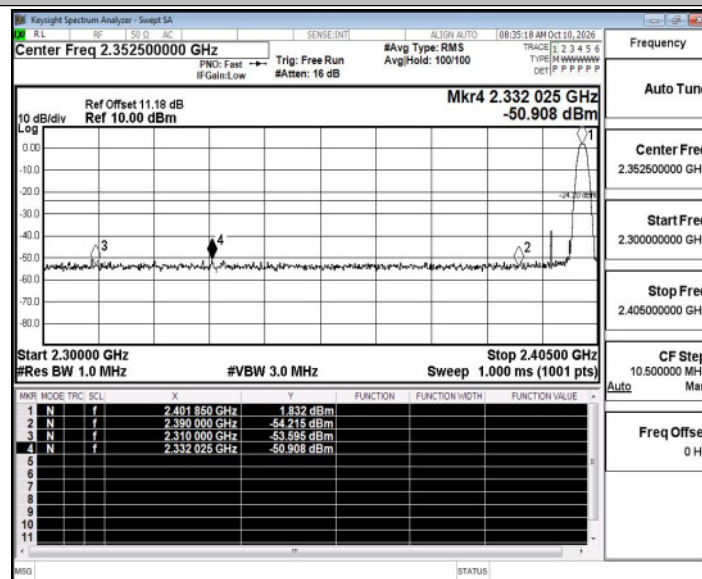
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

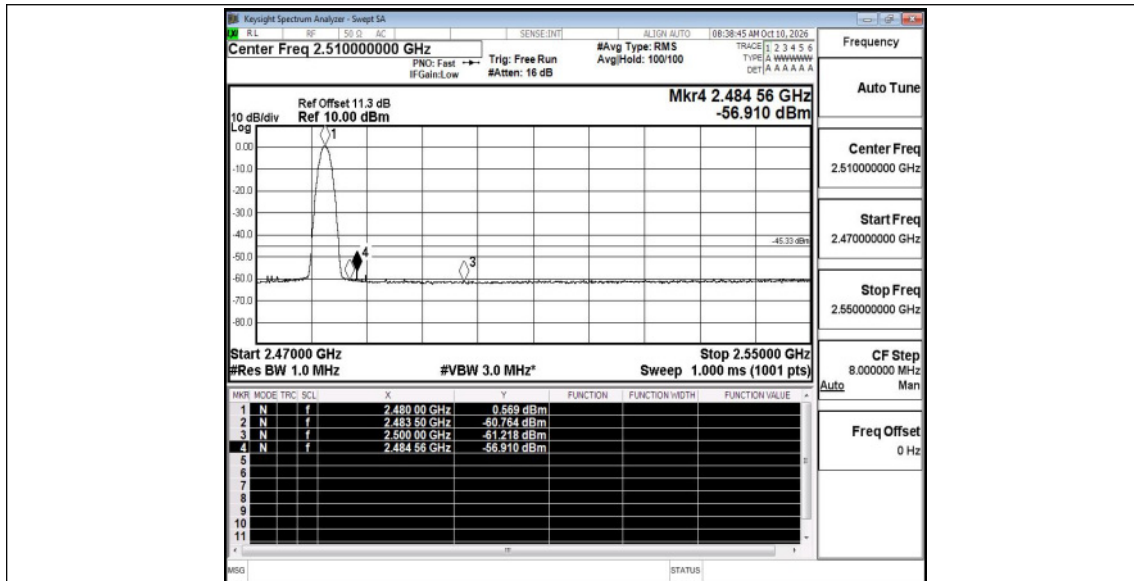
DH5_Ant1_Low_2402_AV



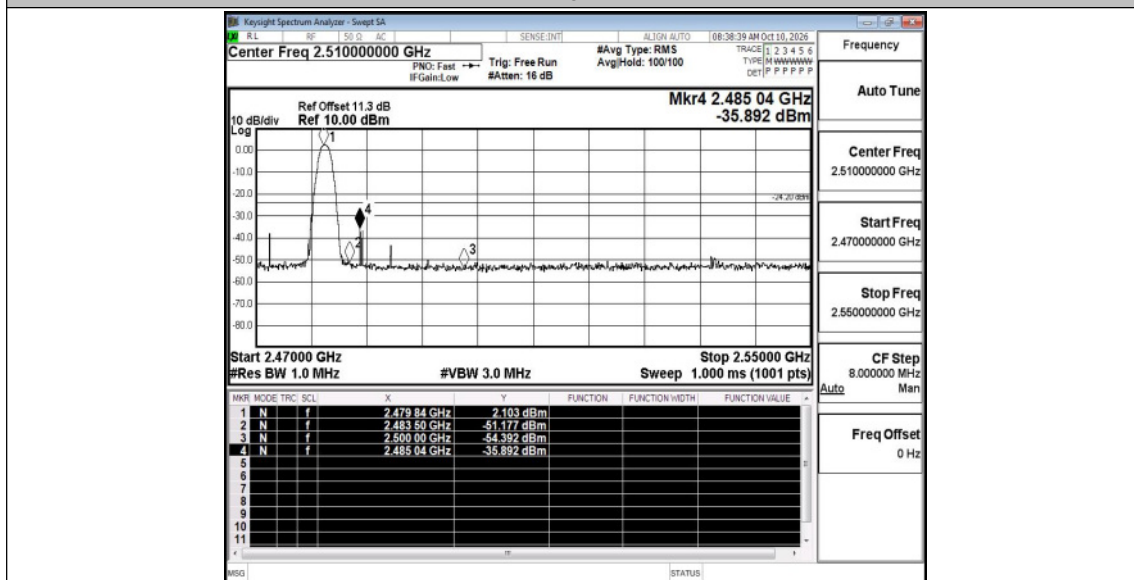
DH5_Ant1_Low_2402_Peak



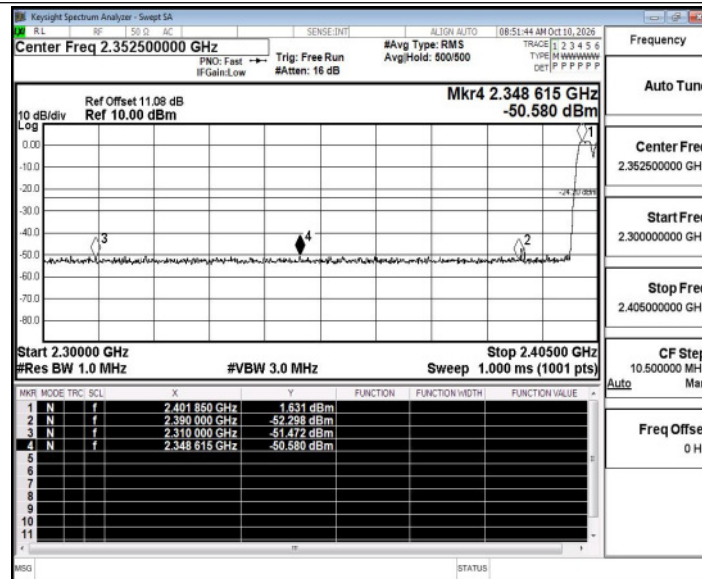
DH5_Ant1_High_2480_AV



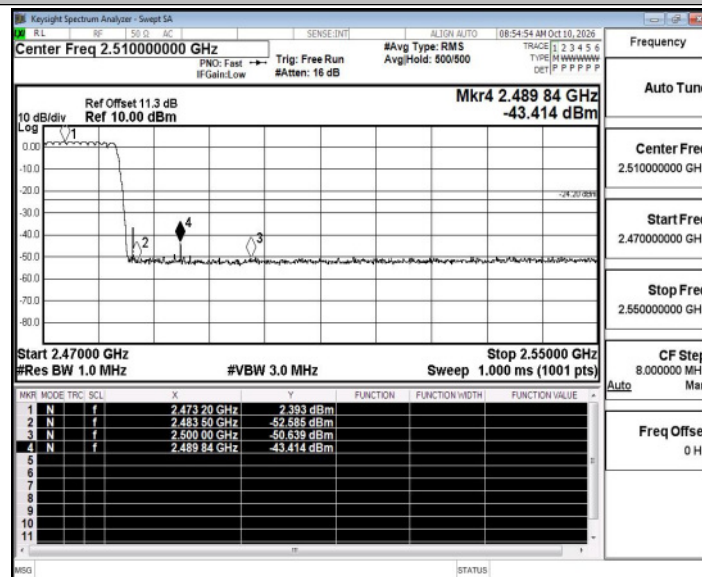
DH5_Ant1_High_2480_Peak



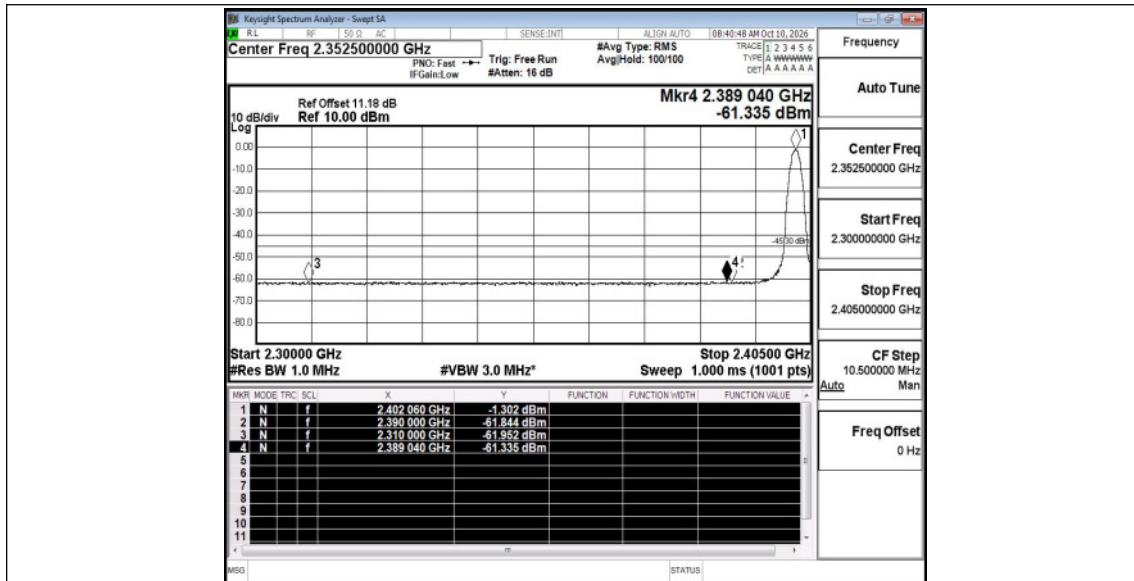
DH5_Ant1_Low_Hop_2402_Peak



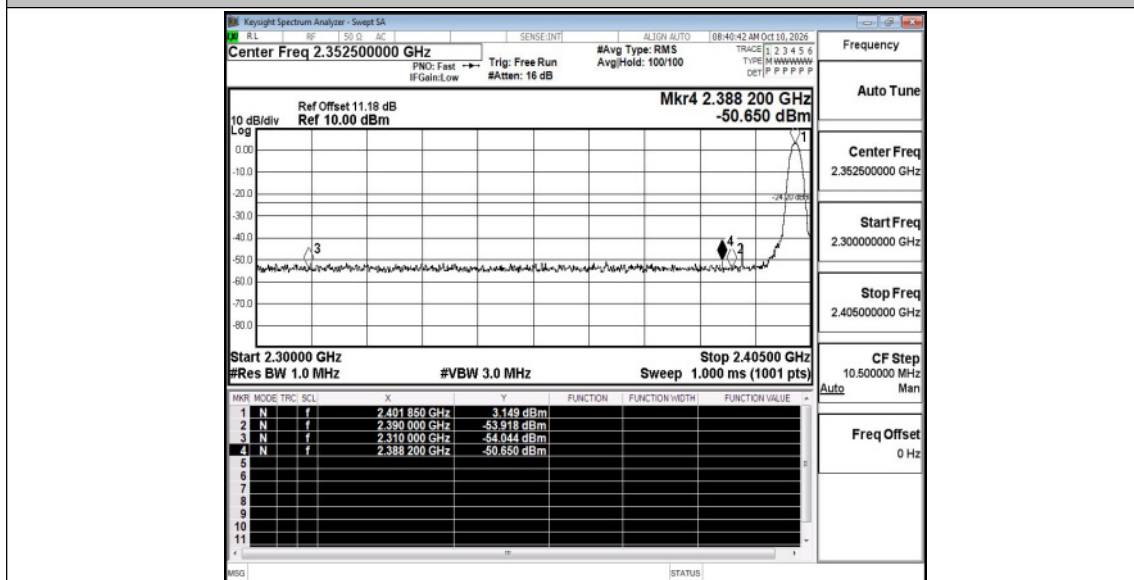
DH5_Ant1_High_Hop_2480_Peak



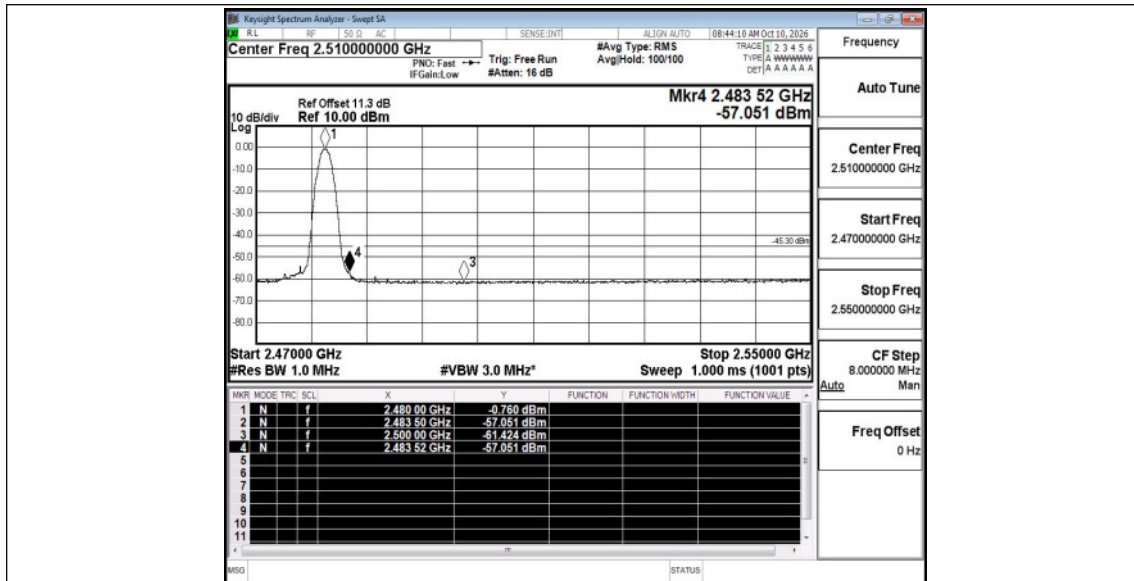
2DH5_Ant1_Low_2402_AV



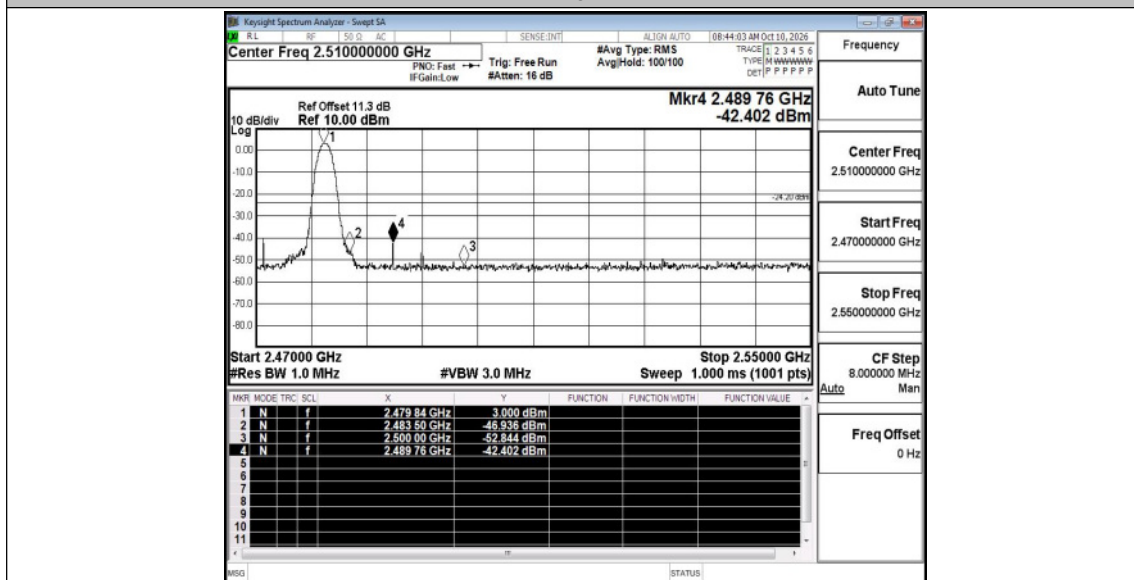
2DH5_Ant1_Low_2402_Peak



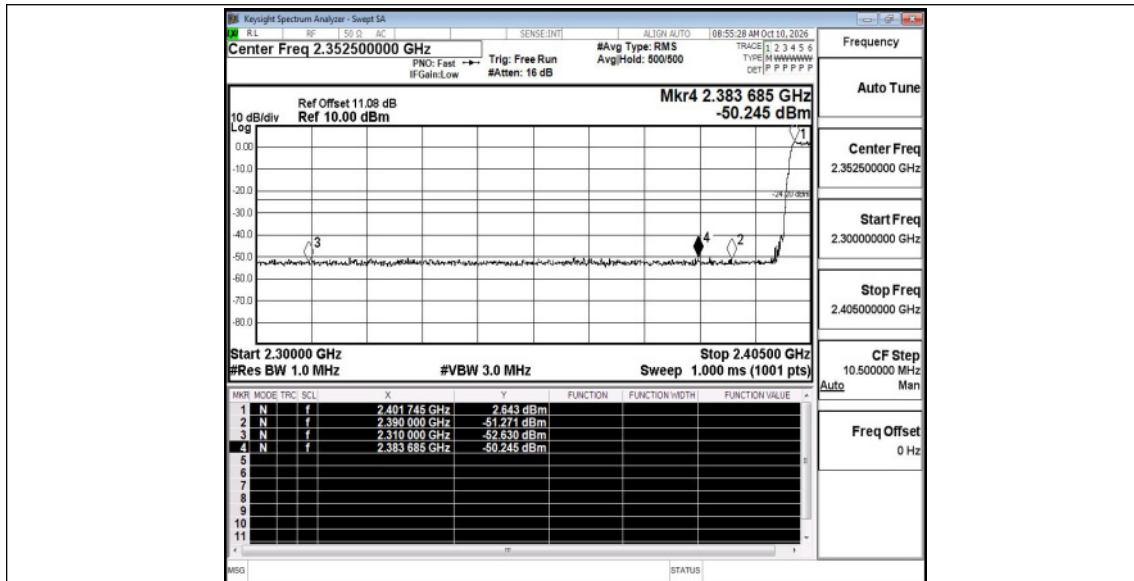
2DH5_Ant1_High_2480_AV



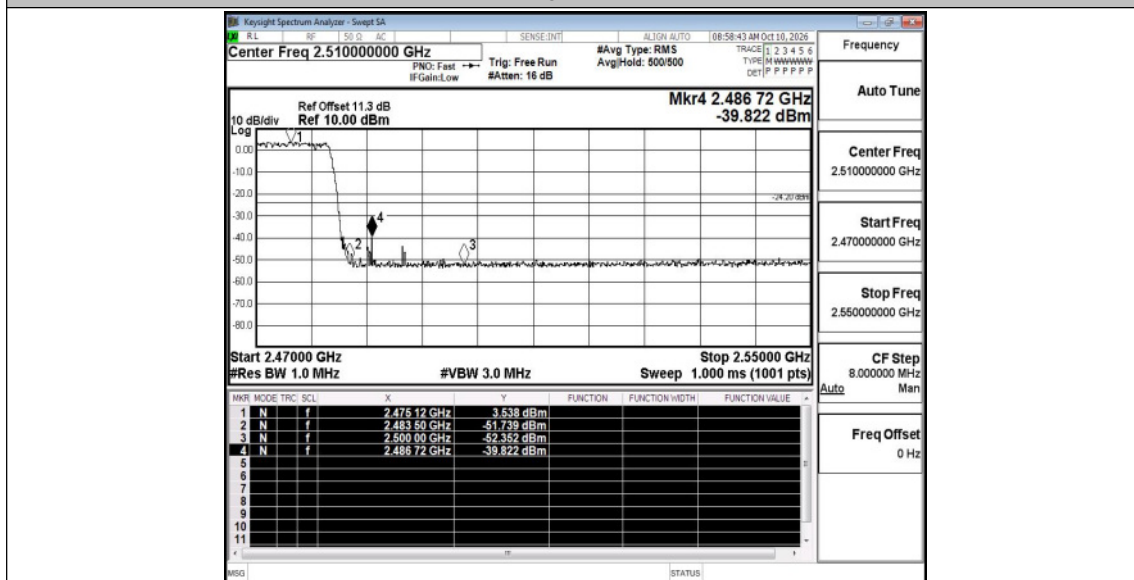
2DH5_Ant1_High_2480_Peak



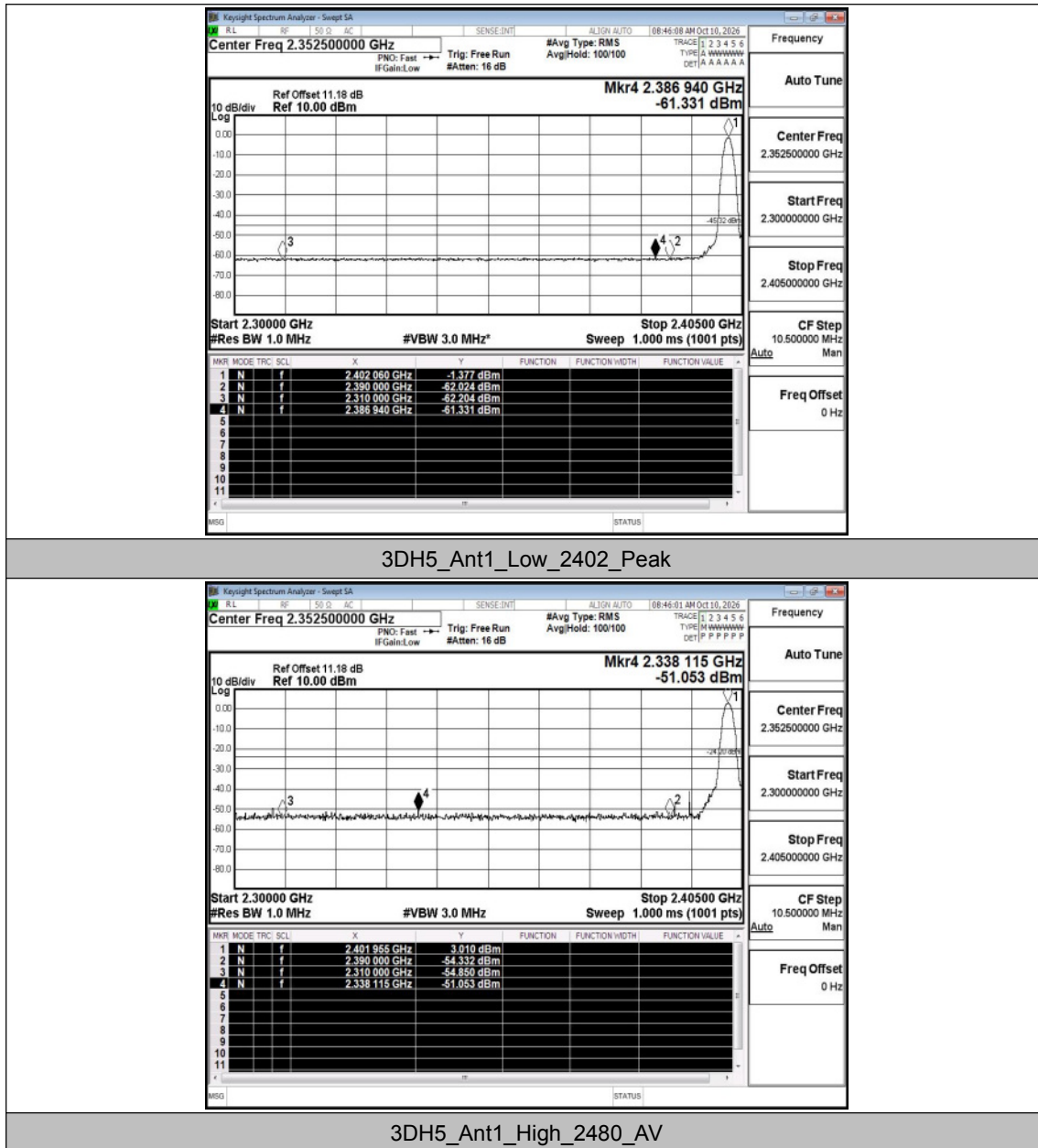
2DH5_Ant1_Low_Hop_2402_Peak

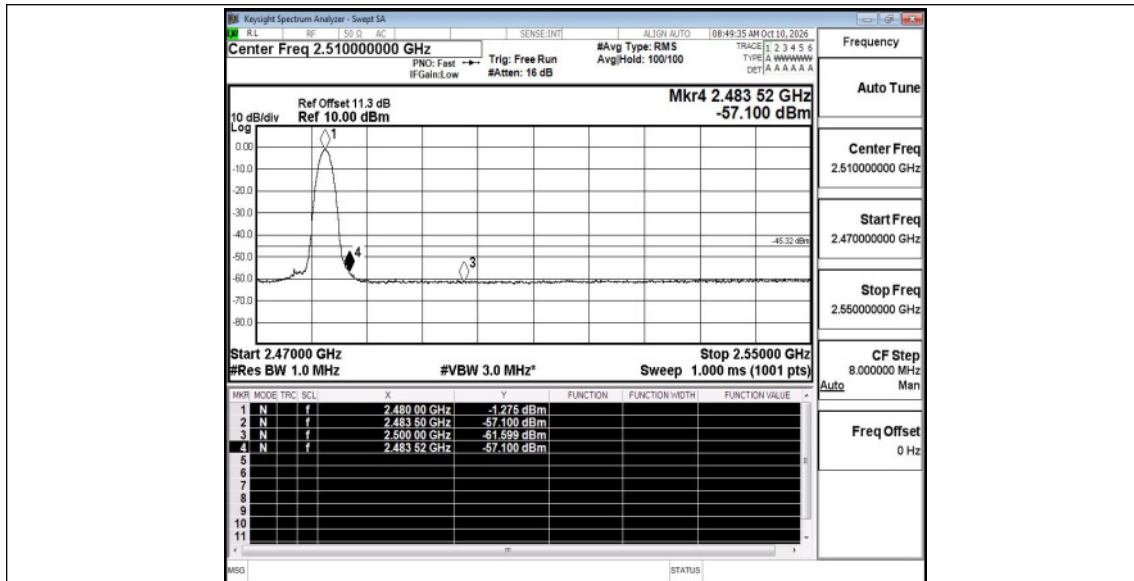


2DH5_Ant1_High_Hop_2480_Peak

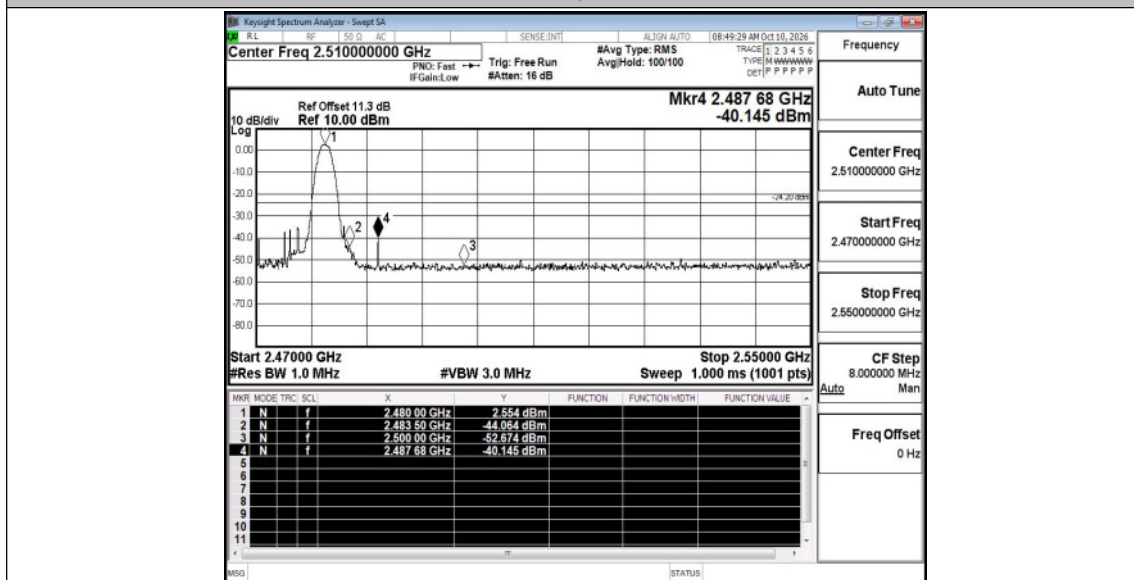


3DH5_Ant1_Low_2402_AV

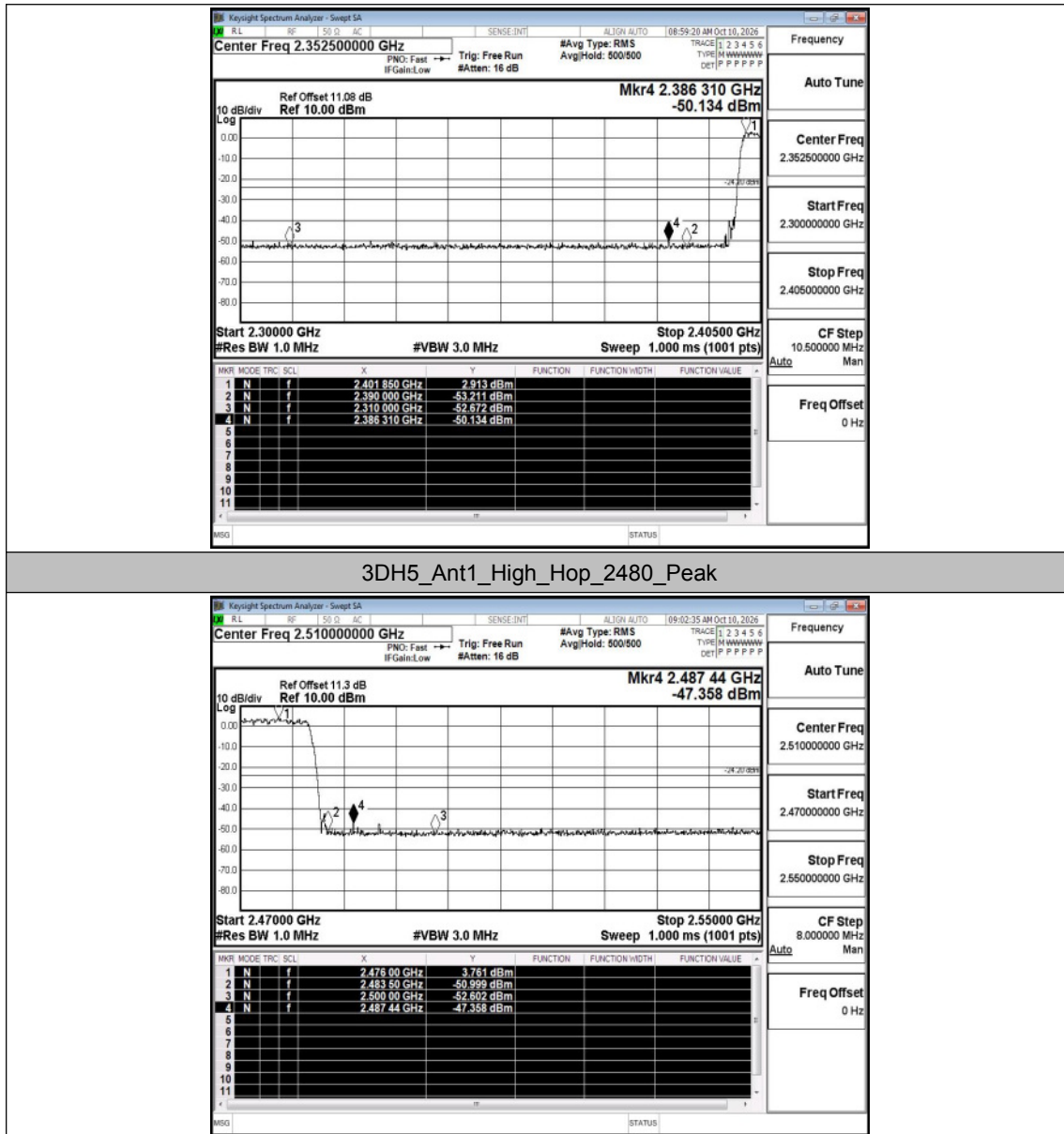




3DH5_Ant1_High_2480_Peak



3DH5_Ant1_Low_Hop_2402_Peak



Test Result

Right:

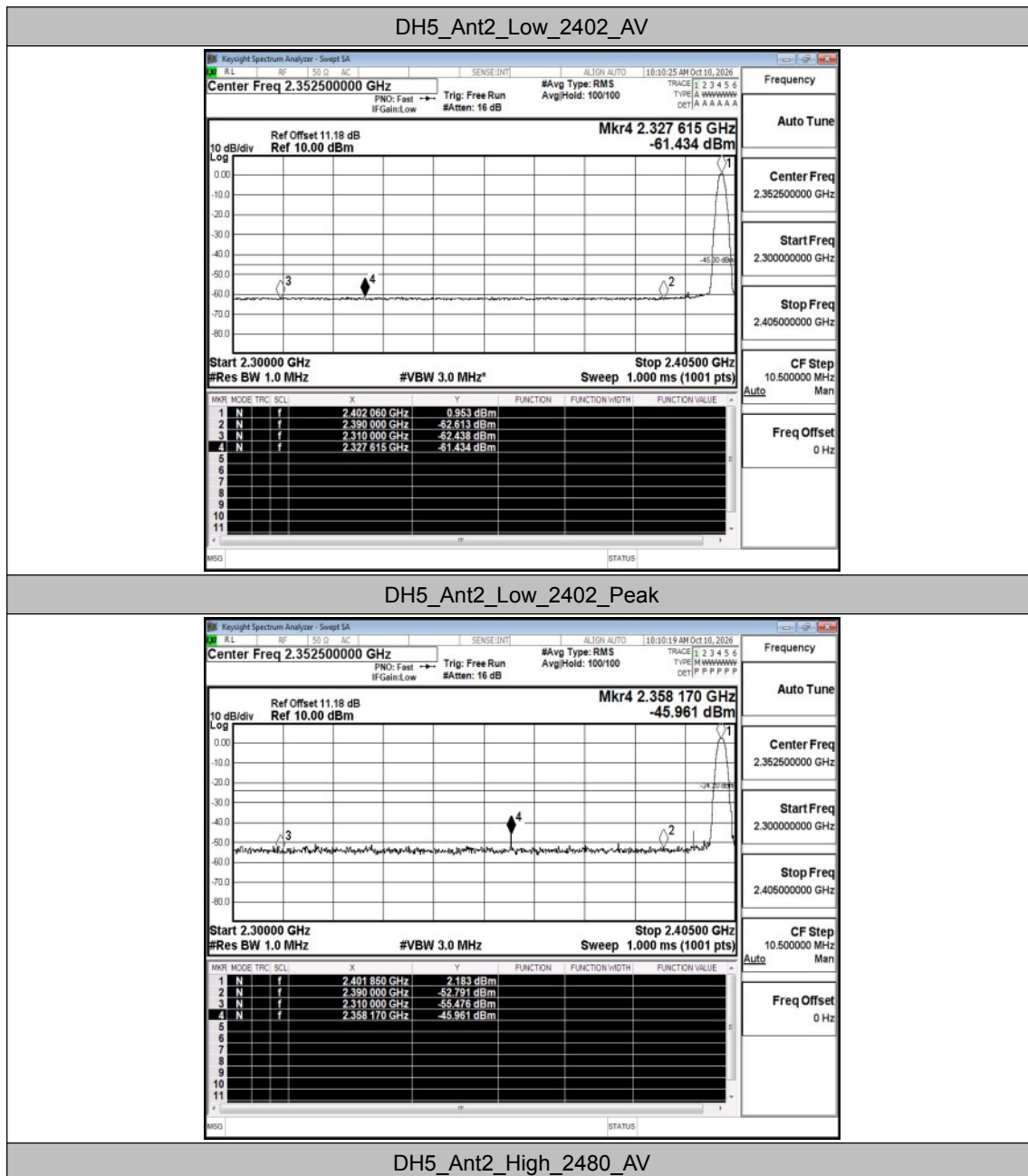
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant2	Low	2402	AV	2310.000	-62.44	≤-45.30	3.00	1.10	36.86	≤54	PASS
				AV	2327.615	-61.43	≤-45.30	3.00	1.10	37.87	≤54	PASS
				AV	2390.000	-62.61	≤-45.30	3.00	1.10	36.69	≤54	PASS
				Peak	2310.000	-55.48	≤-24.20	3.00	0.00	42.72	≤74	PASS
				Peak	2358.170	-45.96	≤-24.20	3.00	0.00	52.24	≤74	PASS
				Peak	2390.000	-52.79	≤-24.20	3.00	0.00	45.41	≤74	PASS
		High	2480	AV	2483.500	-60.53	≤-45.30	3.00	1.10	38.77	≤54	PASS
				AV	2483.600	-60.12	≤-45.30	3.00	1.10	39.18	≤54	PASS
				AV	2500.000	-62.04	≤-45.30	3.00	1.10	37.26	≤54	PASS
				Peak	2483.500	-53.19	≤-24.20	3.00	0.00	45.01	≤74	PASS
				Peak	2486.720	-46.98	≤-24.20	3.00	0.00	51.22	≤74	PASS
				Peak	2500.000	-54.47	≤-24.20	3.00	0.00	43.73	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-53.37	≤-24.20	3.00	0.00	44.83	≤74	PASS
				Peak	2358.380	-45.54	≤-24.20	3.00	0.00	52.66	≤74	PASS
				Peak	2390.000	-51.47	≤-24.20	3.00	0.00	46.73	≤74	PASS
		High	Hop_2480	Peak	2483.500	-51.82	≤-24.20	3.00	0.00	46.38	≤74	PASS
				Peak	2485.360	-46.41	≤-24.20	3.00	0.00	51.79	≤74	PASS
				Peak	2500.000	-52.5	≤-24.20	3.00	0.00	45.70	≤74	PASS
2DH5	Ant2	Low	2402	AV	2310.000	-62.31	≤-45.32	3.00	1.12	37.01	≤54	PASS
				AV	2333.810	-61.34	≤-45.32	3.00	1.12	37.98	≤54	PASS
				AV	2390.000	-62.83	≤-45.32	3.00	1.12	36.49	≤54	PASS
				Peak	2310.000	-54.08	≤-24.20	3.00	0.00	44.12	≤74	PASS
				Peak	2345.570	-51.54	≤-24.20	3.00	0.00	46.66	≤74	PASS
				Peak	2390.000	-53.54	≤-24.20	3.00	0.00	44.66	≤74	PASS
		High	2480	AV	2483.500	-56.34	≤-45.30	3.00	1.10	42.96	≤54	PASS
				AV	2483.520	-56.34	≤-45.30	3.00	1.10	42.96	≤54	PASS
				AV	2500.000	-62	≤-45.30	3.00	1.10	37.30	≤54	PASS
				Peak	2483.500	-44.16	≤-24.20	3.00	0.00	54.04	≤74	PASS
				Peak	2483.520	-44.16	≤-24.20	3.00	0.00	54.04	≤74	PASS
				Peak	2500.000	-54.5	≤-24.20	3.00	0.00	43.70	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-52.09	≤-24.20	3.00	0.00	46.11	≤74	PASS
				Peak	2334.020	-50.48	≤-24.20	3.00	0.00	47.72	≤74	PASS
				Peak	2390.000	-51.2	≤-24.20	3.00	0.00	47.00	≤74	PASS
		High	Hop_2480	Peak	2483.500	-45.92	≤-24.20	3.00	0.00	52.28	≤74	PASS
				Peak	2483.600	-45.15	≤-24.20	3.00	0.00	53.05	≤74	PASS

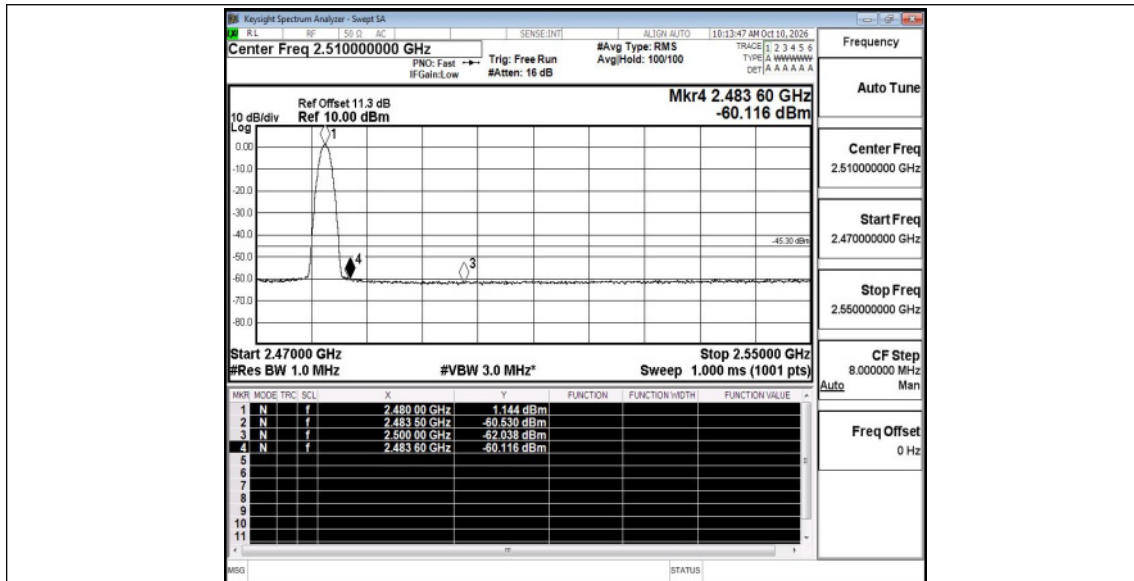
				Peak	2500.000	-52.44	≤ -24.20	3.00	0.00	45.76	≤ 74	PASS
3DH5	Ant2	Low	2402	AV	2310.000	-61.86	≤ -45.32	3.00	1.12	37.46	≤ 54	PASS
				AV	2386.415	-61.11	≤ -45.32	3.00	1.12	38.21	≤ 54	PASS
				AV	2390.000	-61.81	≤ -45.32	3.00	1.12	37.51	≤ 54	PASS
				Peak	2310.000	-55.03	≤ -24.20	3.00	0.00	43.17	≤ 74	PASS
				Peak	2325.515	-51.01	≤ -24.20	3.00	0.00	47.19	≤ 74	PASS
				Peak	2390.000	-52.99	≤ -24.20	3.00	0.00	45.21	≤ 74	PASS
		High	2480	AV	2483.500	-54.93	≤ -45.30	3.00	1.10	44.37	≤ 54	PASS
				AV	2483.520	-54.93	≤ -45.30	3.00	1.10	44.37	≤ 54	PASS
				AV	2500.000	-61.5	≤ -45.30	3.00	1.10	37.80	≤ 54	PASS
				Peak	2483.500	-45.81	≤ -24.20	3.00	0.00	52.39	≤ 74	PASS
				Peak	2483.840	-42.82	≤ -24.20	3.00	0.00	55.38	≤ 74	PASS
				Peak	2500.000	-53.86	≤ -24.20	3.00	0.00	44.34	≤ 74	PASS
		Low	Hop_2402	Peak	2310.000	-52.36	≤ -24.20	3.00	0.00	45.84	≤ 74	PASS
				Peak	2355.335	-50.04	≤ -24.20	3.00	0.00	48.16	≤ 74	PASS
				Peak	2390.000	-53.18	≤ -24.20	3.00	0.00	45.02	≤ 74	PASS
		High	Hop_2480	Peak	2483.500	-44.8	≤ -24.20	3.00	0.00	53.40	≤ 74	PASS
				Peak	2483.680	-44.77	≤ -24.20	3.00	0.00	53.43	≤ 74	PASS
				Peak	2500.000	-52.33	≤ -24.20	3.00	0.00	45.87	≤ 74	PASS

Note:

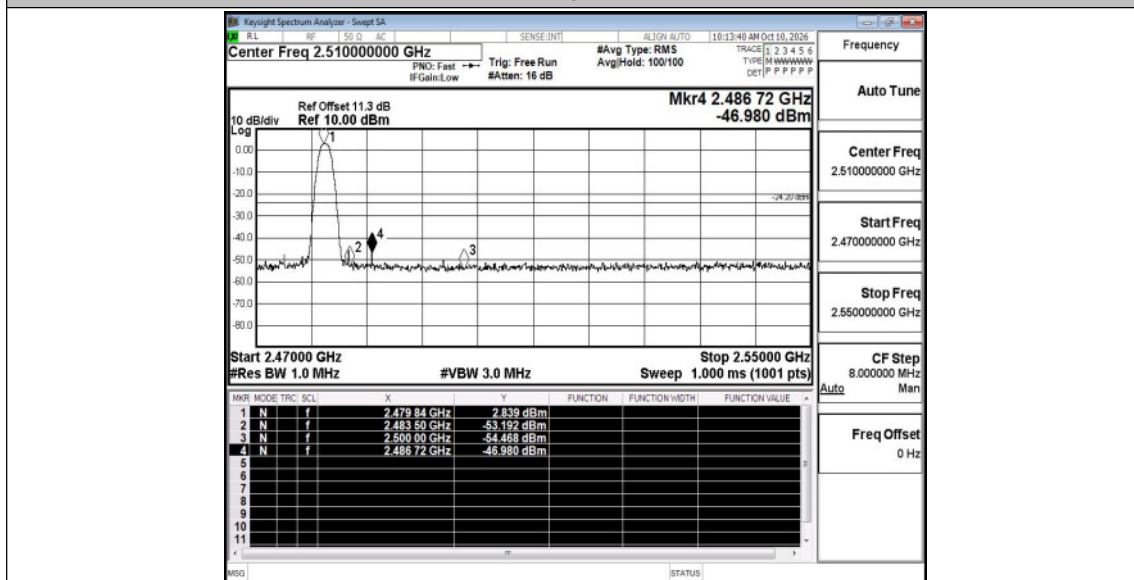
- The Antenna Gain is compensated in the graph.
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

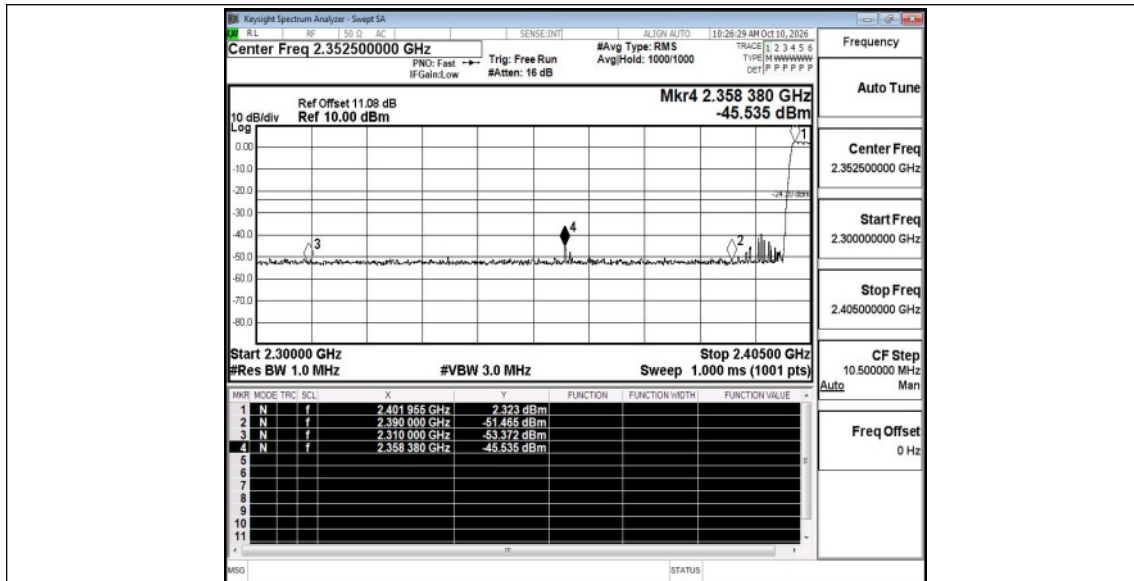




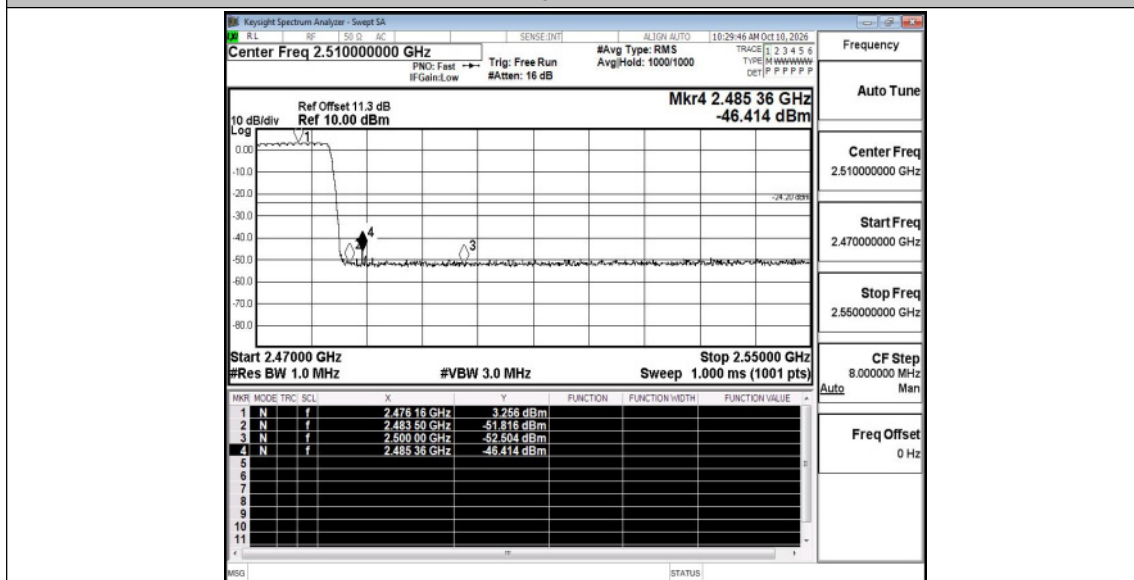
DH5_Ant2_High_2480_Peak



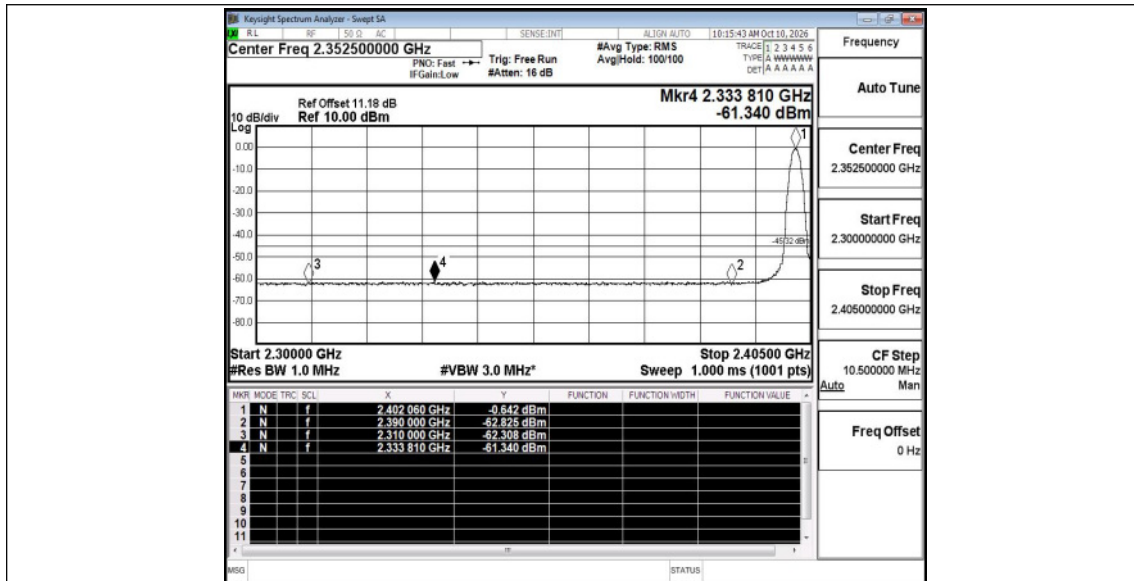
DH5_Ant2_Low_Hop_2402_Peak



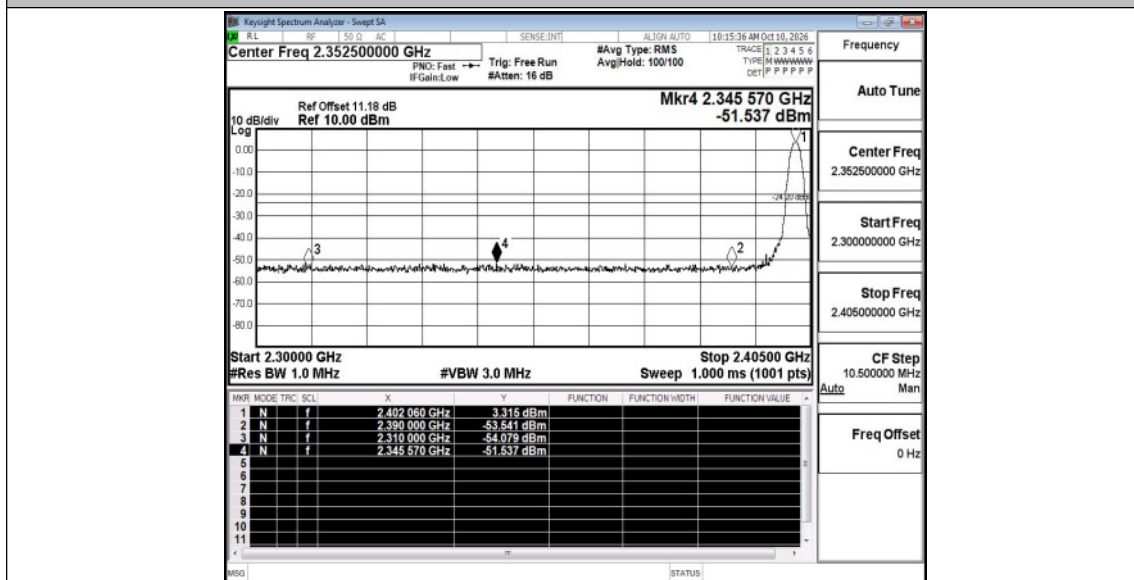
DH5_Ant2_High_Hop_2480_Peak



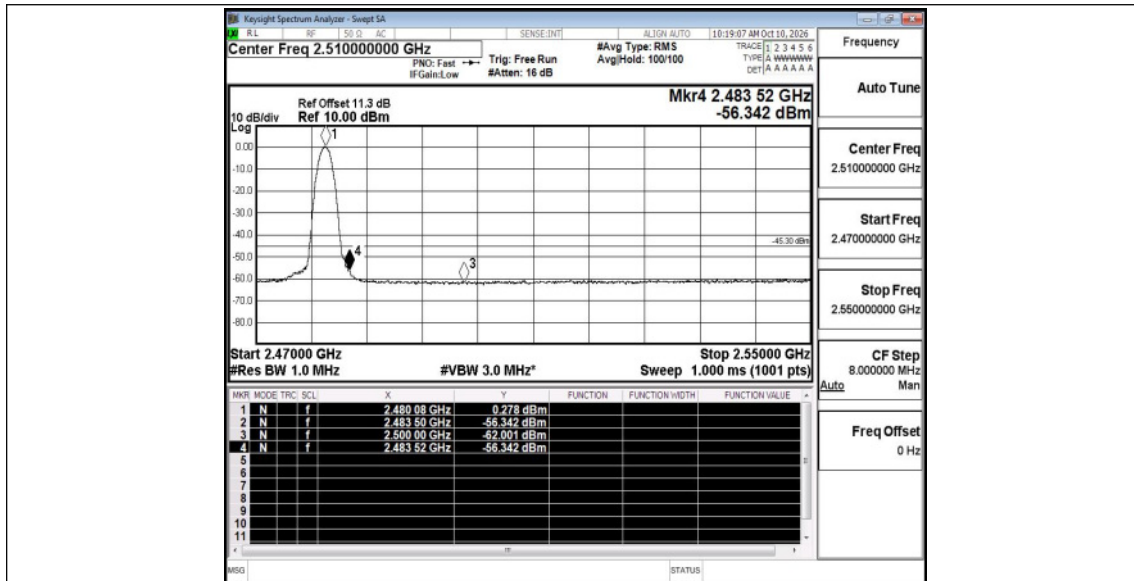
2DH5_Ant2_Low_2402_AV



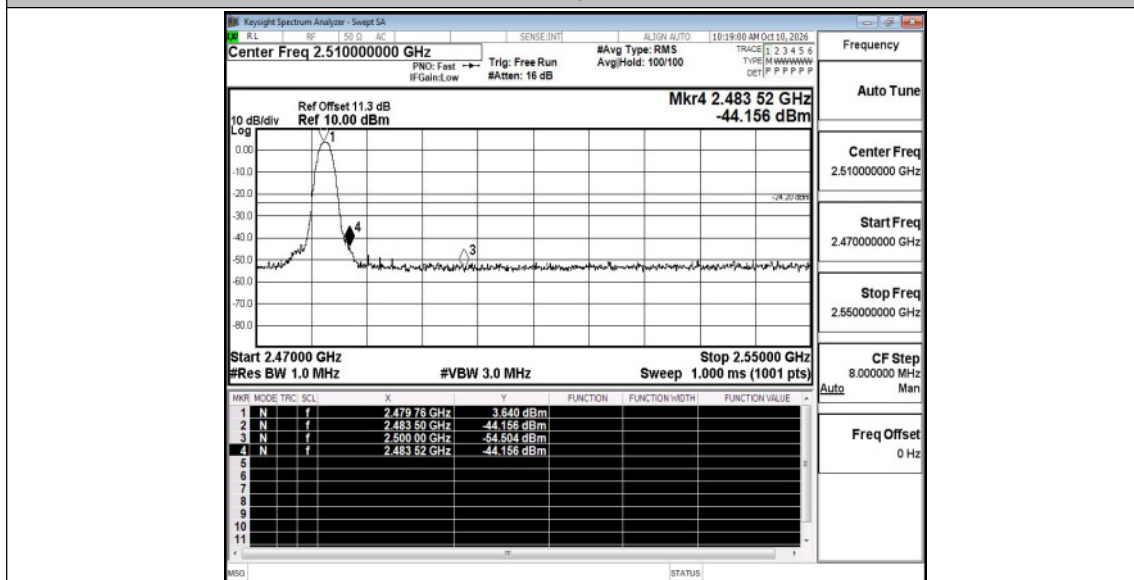
2DH5_Ant2_Low_2402_Peak



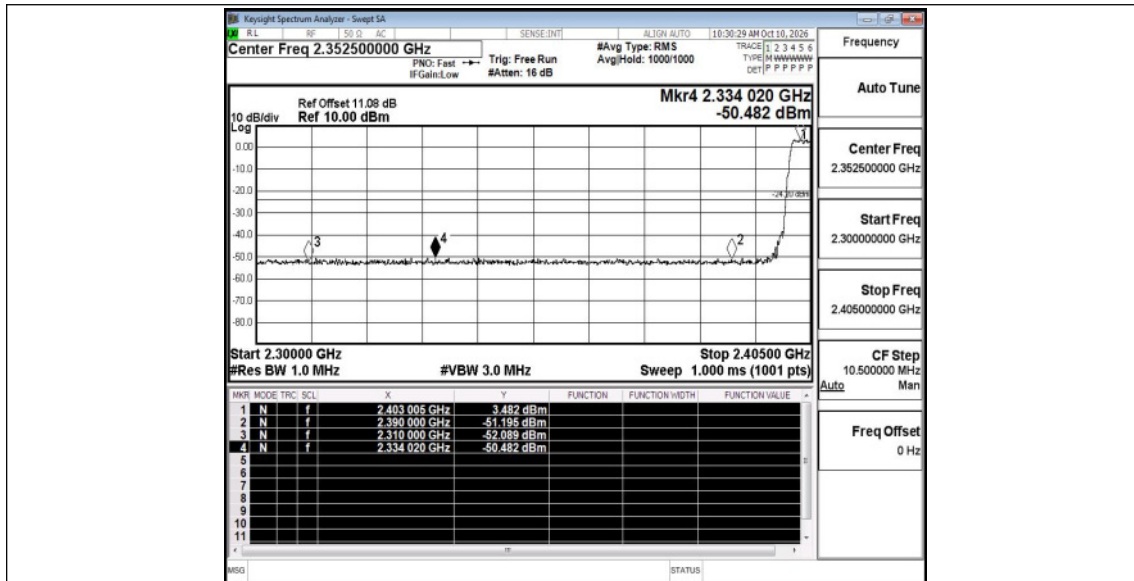
2DH5_Ant2_High_2480_AV



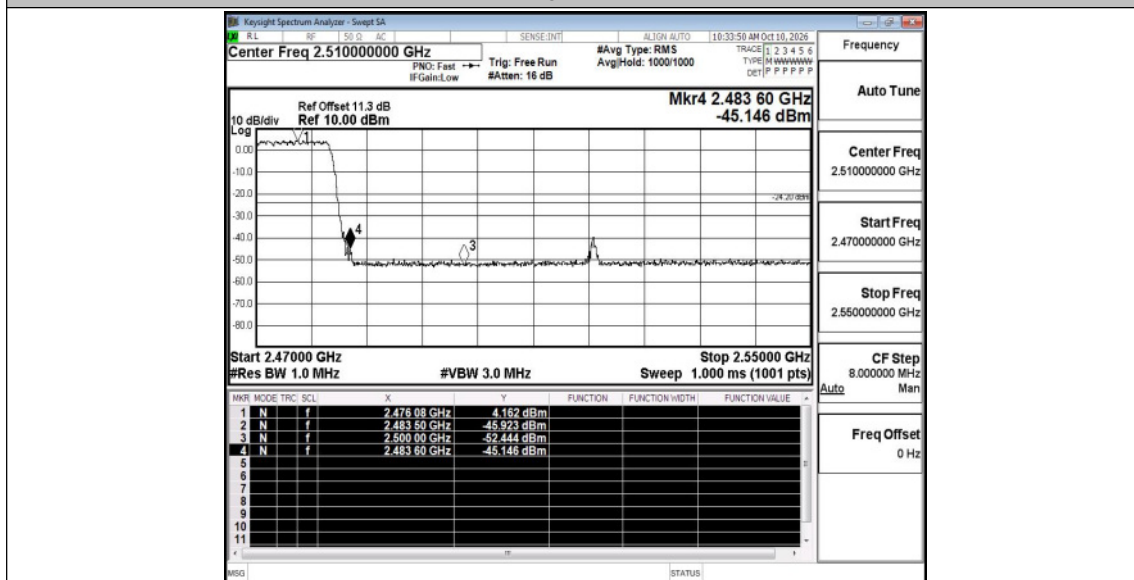
2DH5_Ant2_High_2480_Peak



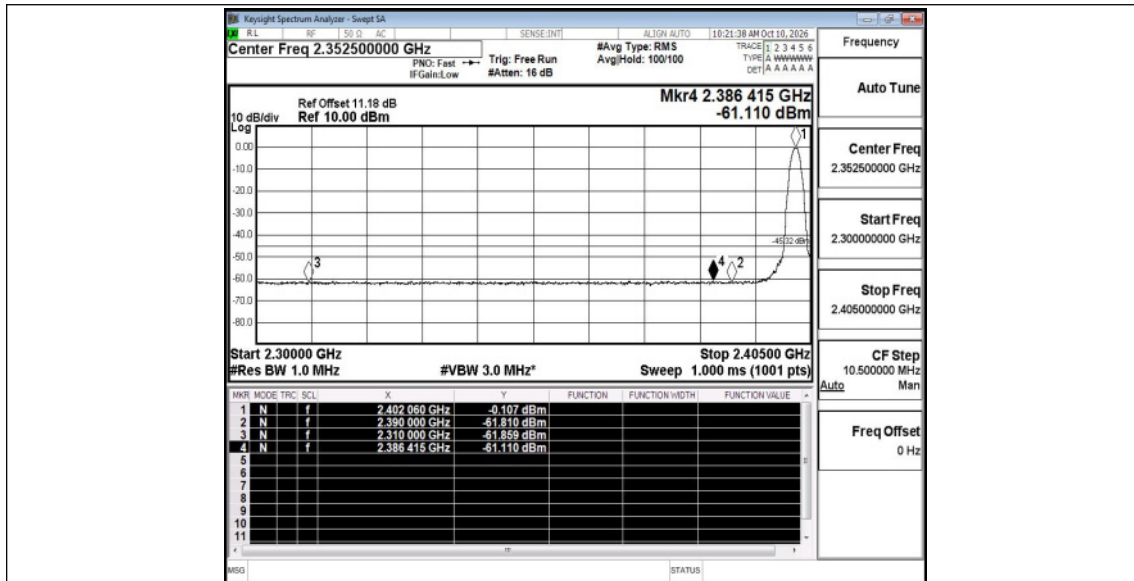
2DH5_Ant2_Low_Hop_2402_Peak



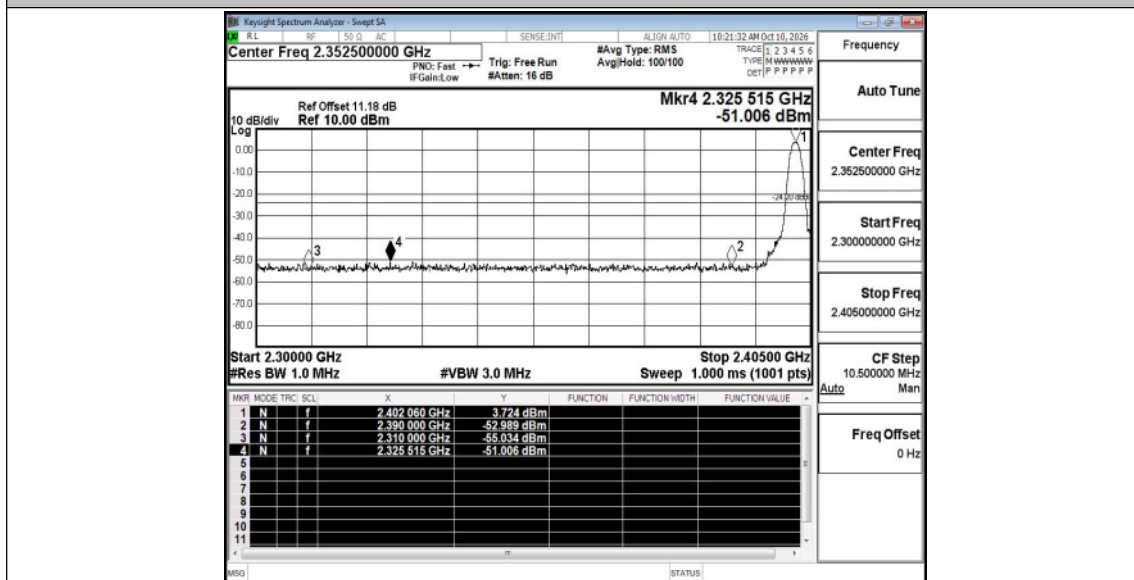
2DH5_Ant2_High_Hop_2480_Peak



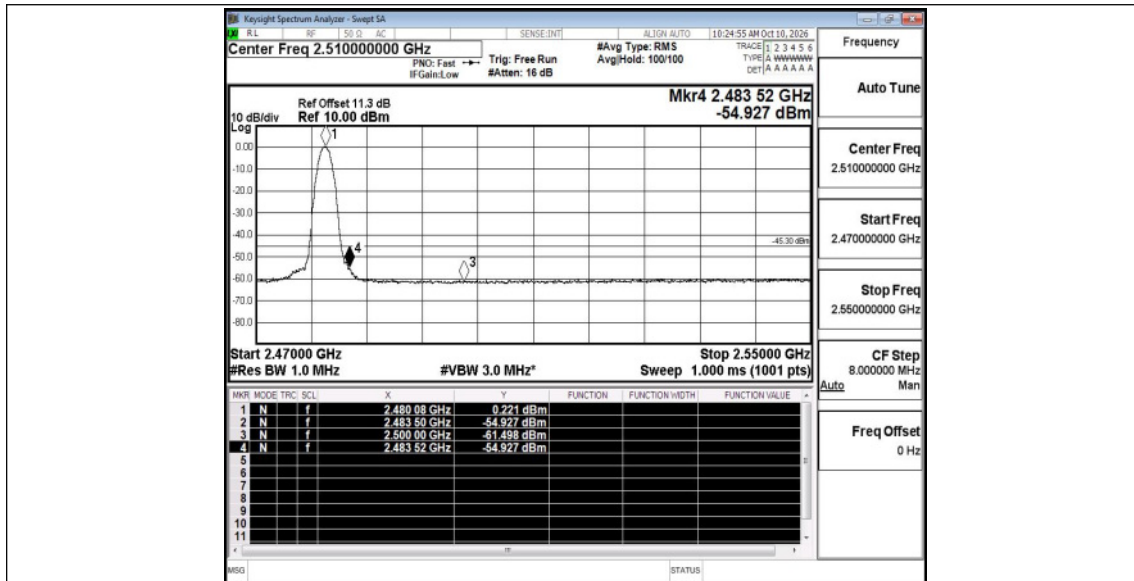
3DH5_Ant2_Low_2402_AV



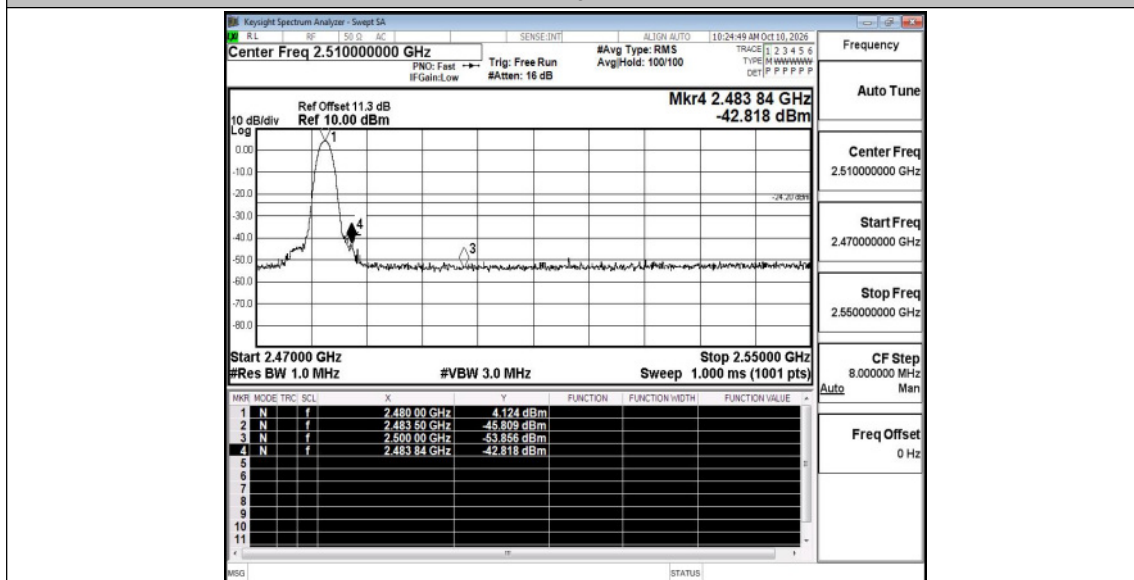
3DH5_Ant2_Low_2402_Peak



3DH5_Ant2_High_2480_AV



3DH5_Ant2_High_2480_Peak



3DH5_Ant2_Low_Hop_2402_Peak

