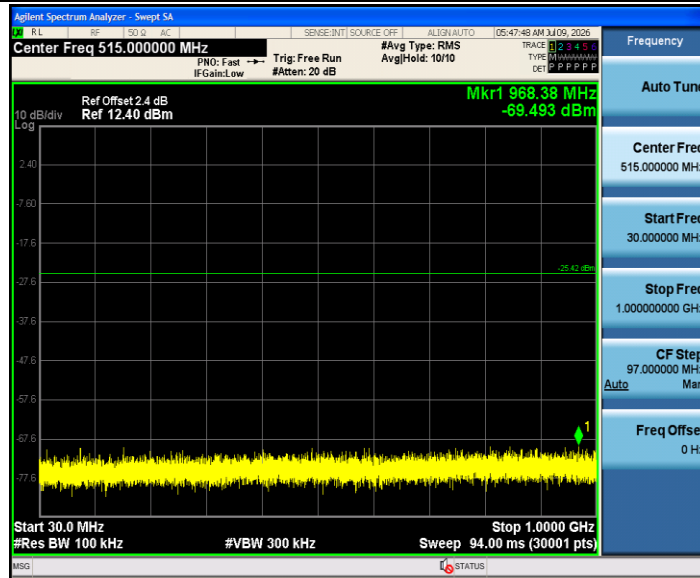
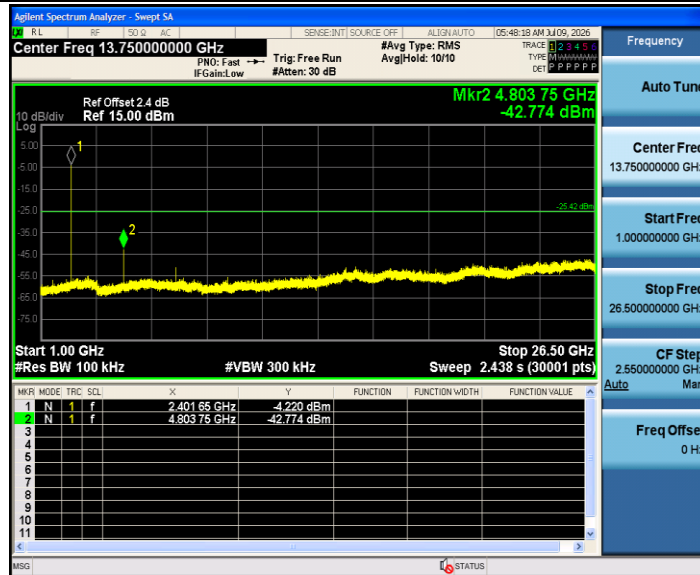


2DH5_Ant1_2402_30~1000



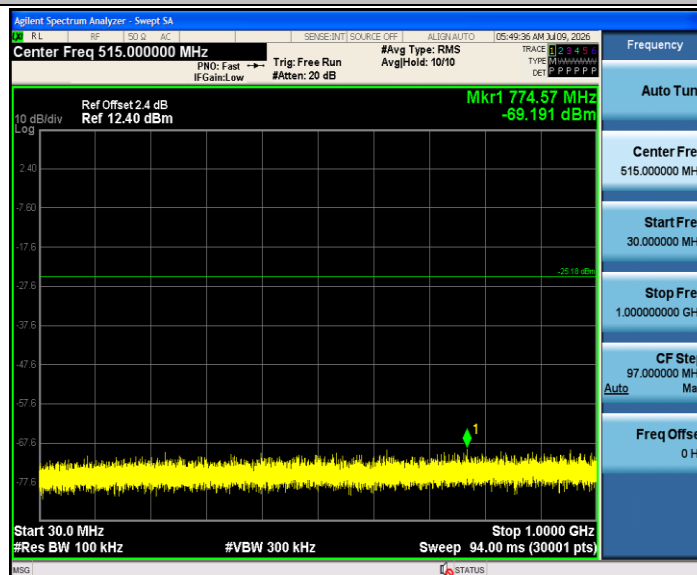
2DH5_Ant1_2402_1000~26500



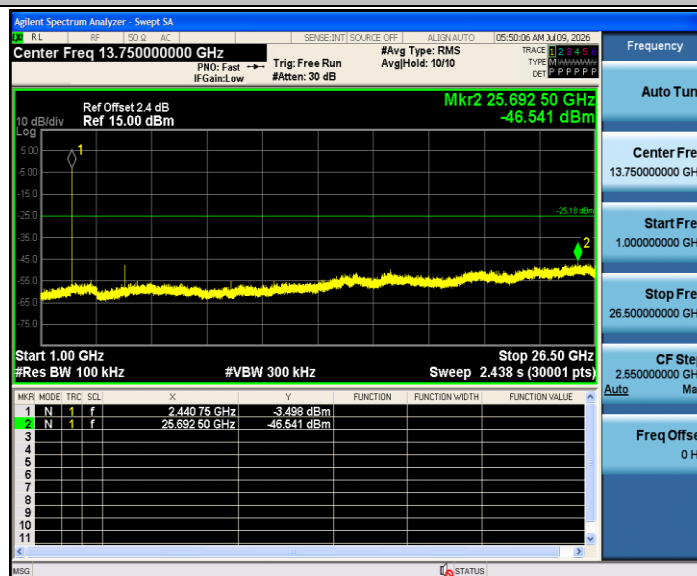
2DH5_Ant1_2441_0~Reference



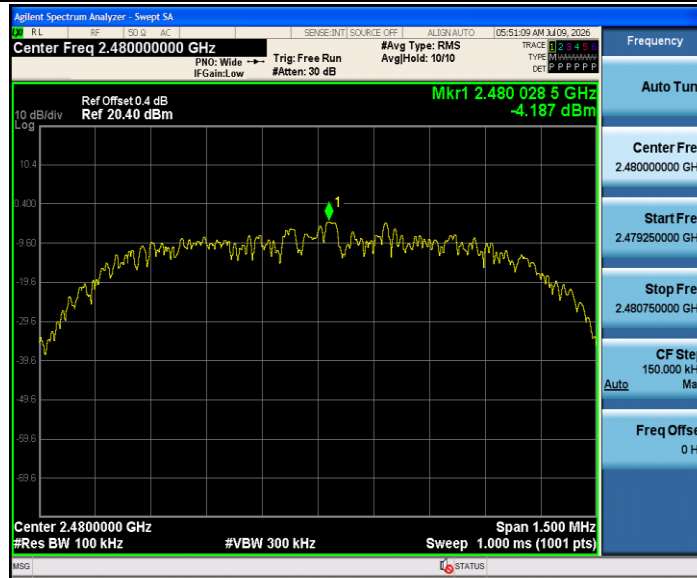
2DH5_Ant1_2441_30~1000



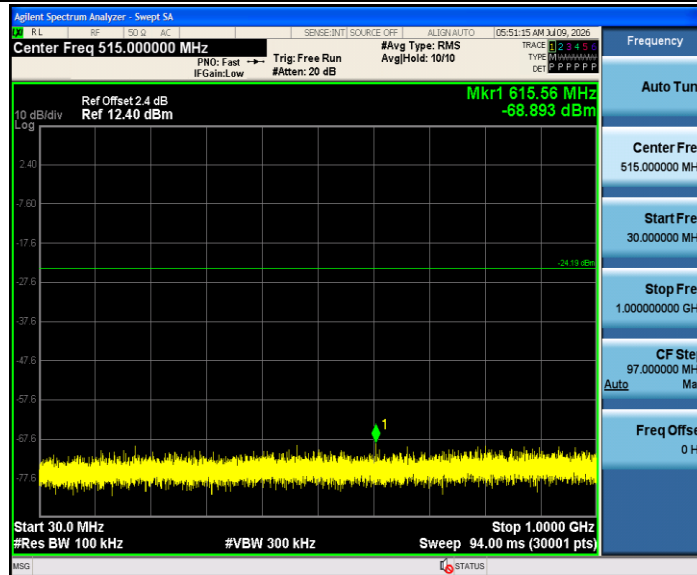
2DH5_Ant1_2441_1000~26500



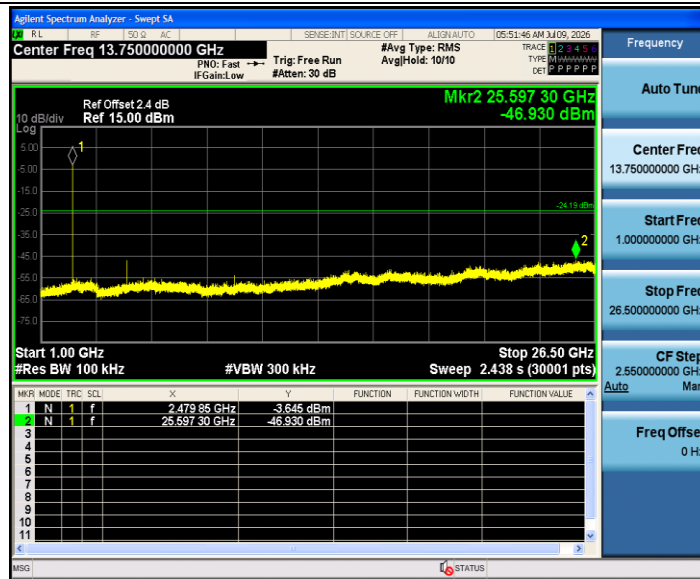
2DH5_Ant1_2480_0~Reference



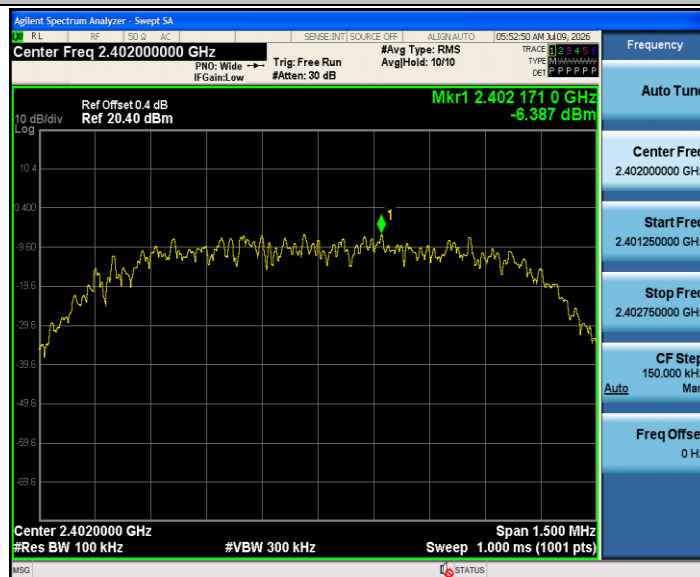
2DH5_Ant1_2480_30~1000



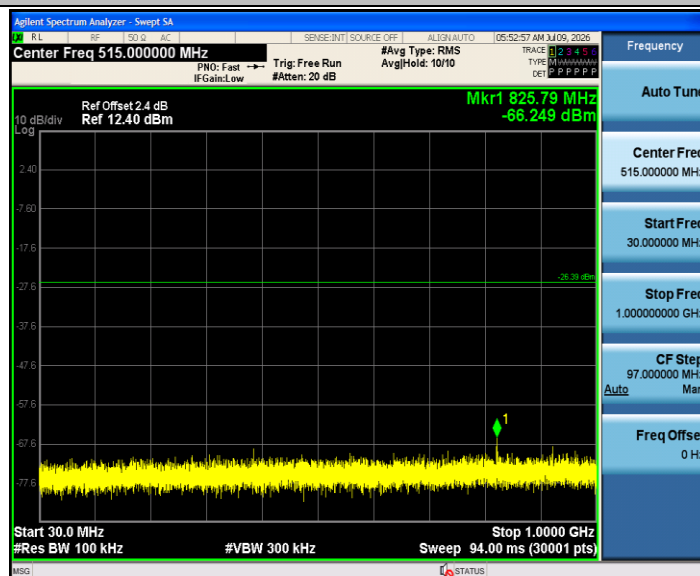
2DH5_Ant1_2480_1000~26500



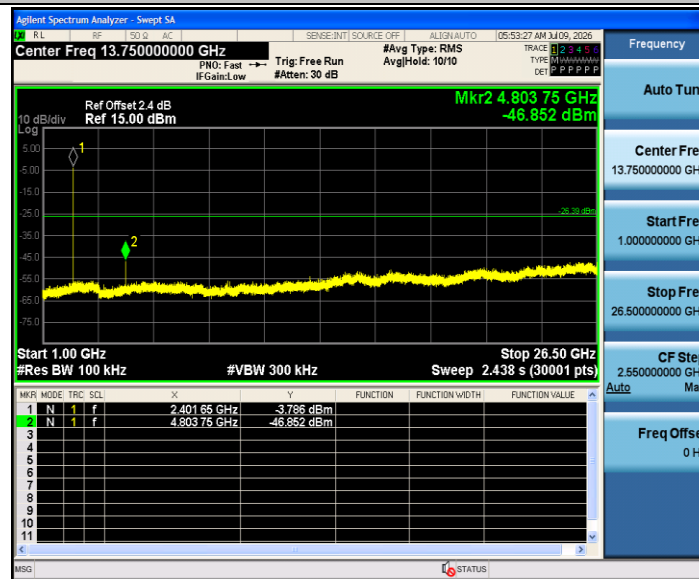
3DH5_Ant1_2402_0~Reference



3DH5_Ant1_2402_30~1000



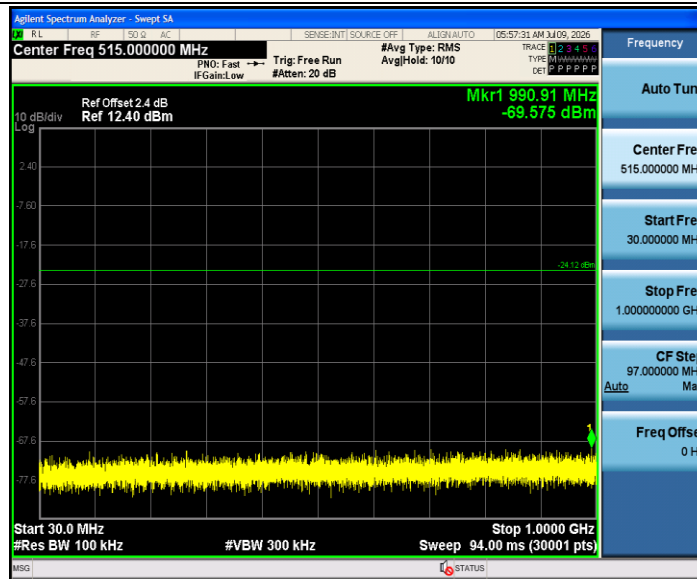
3DH5_Ant1_2402_1000~26500



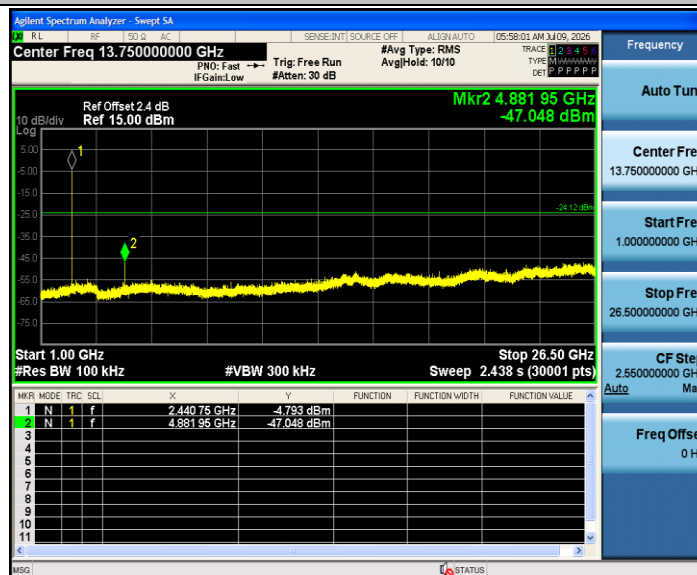
3DH5_Ant1_2441_0~Reference



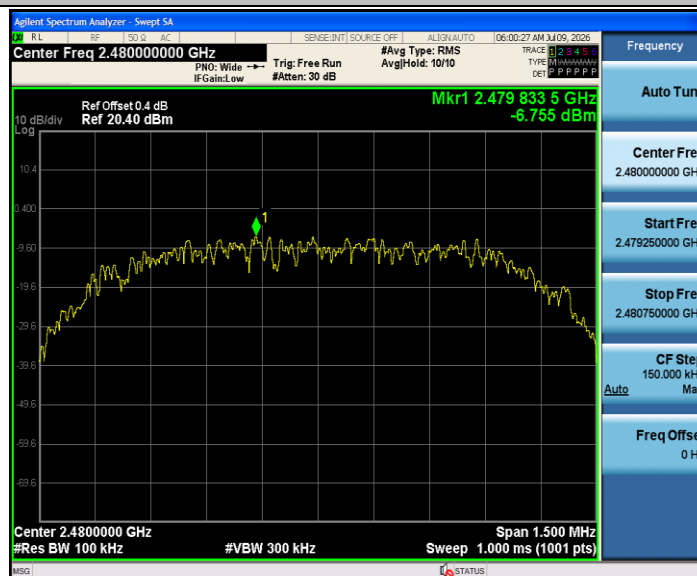
3DH5_Ant1_2441_30~1000



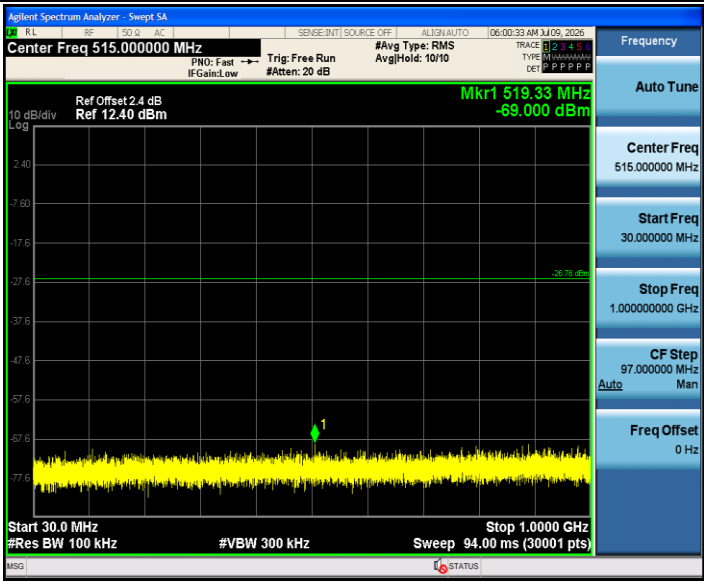
3DH5_Ant1_2441_1000~26500



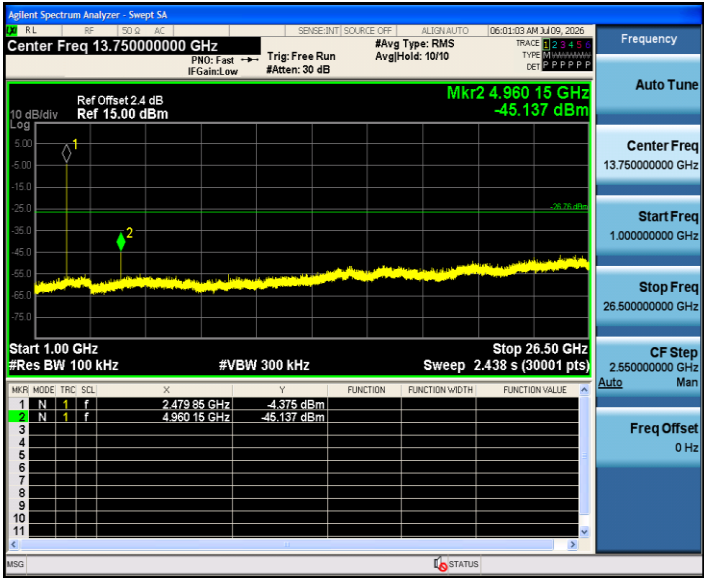
3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500



Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	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	Ant1	2402	2.91	3.75	77.60	1.10	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---
3DH5	Ant1	2402	2.92	3.75	77.87	1.09	---	---
		2441	2.92	3.75	77.87	1.09	---	---
		2480	2.92	3.75	77.87	1.09	---	---

DH5_Ant1_2402

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms

Trig: Video

#Aven: 20 dB

Ref Offset 0.4 dB

Ref 10.40 dBm

ΔMkr3 3.750 ms

4.49 dB

Center 2.402000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 7.000 ms (1001 pts)

Span 0 Hz

CF Step 8.000000 MHz

Freq Offset 0 Hz

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-13.27 dBm			
2	Δ1	1	t	2.910 ms (Δ)	1.31 dB			
3	Δ1	1	t	3.750 ms (Δ)	4.49 dB			

DH5_Ant1_2441

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms

Trig: Video

#Aven: 20 dB

Ref Offset 0.4 dB

Ref 10.40 dBm

ΔMkr3 3.750 ms

4.89 dB

Center 2.441000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

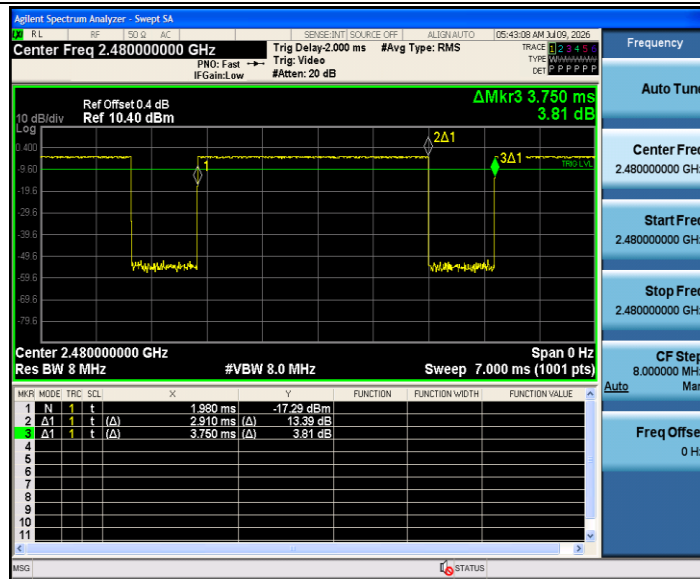
Sweep 7.000 ms (1001 pts)

Span 0 Hz

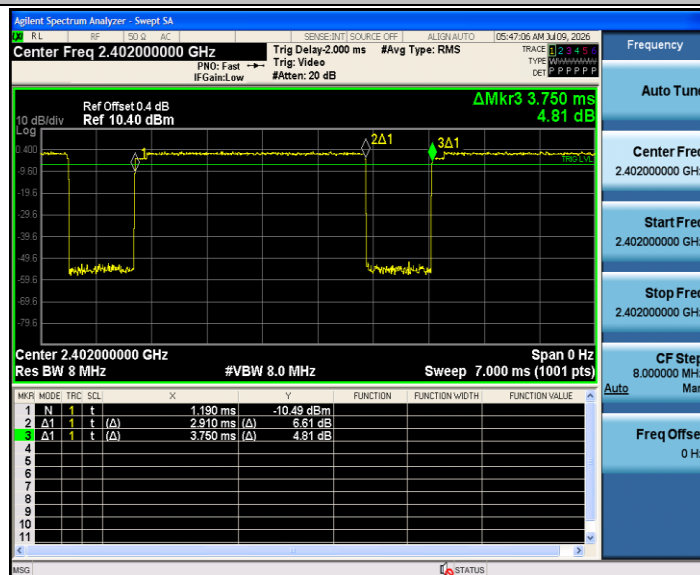
CF Step 8.000000 MHz

Freq Offset 0 Hz

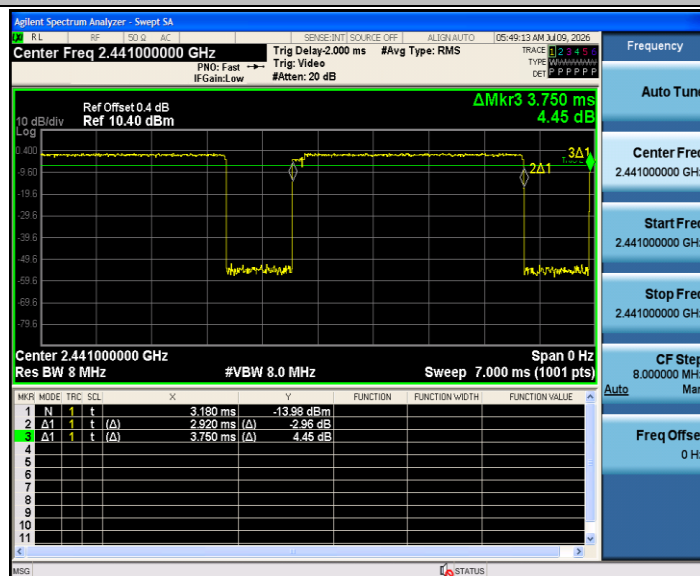
MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-23.63 dBm			
2	Δ1	1	t	2.910 ms (Δ)	19.90 dB			
3	Δ1	1	t	3.750 ms (Δ)	4.89 dB			



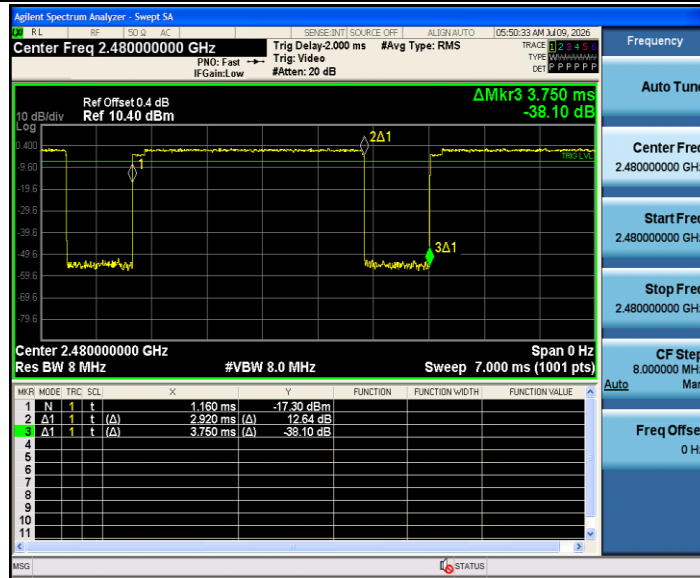
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



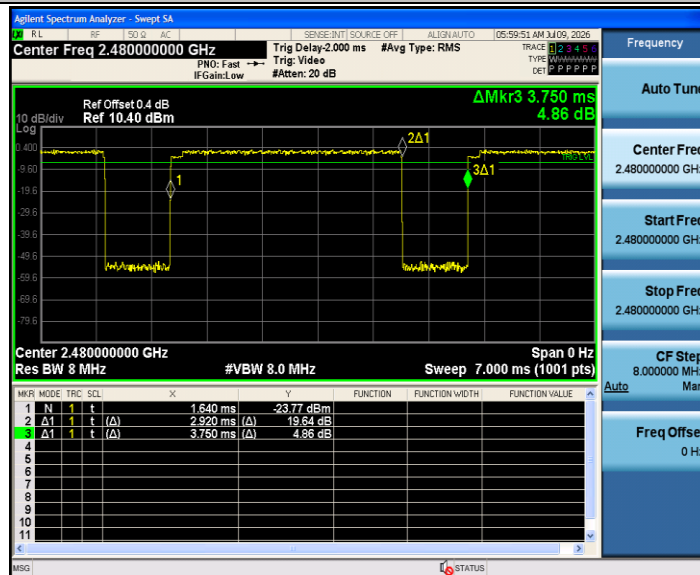
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

Test Result

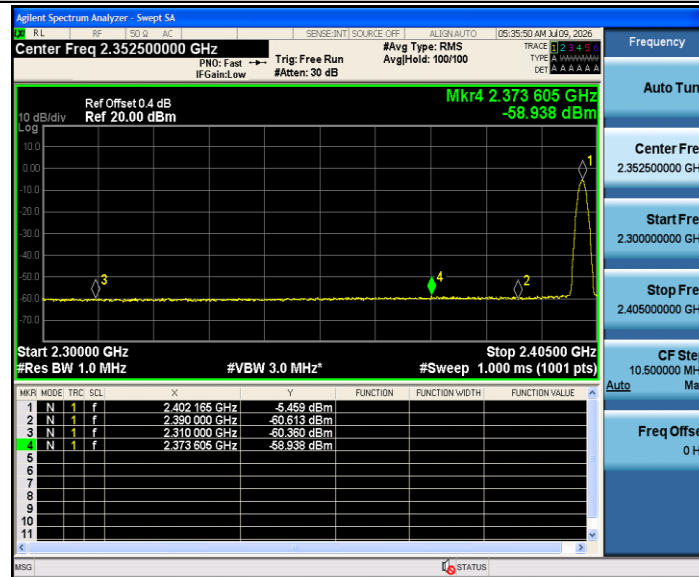
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.36	2.00	1.10	37.94	≤54	PASS
				AV	2373.605	-58.94	2.00	1.10	39.36	≤54	PASS
				AV	2390.000	-60.61	2.00	1.10	37.69	≤54	PASS
				Peak	2310.000	-52.19	2.00	0.00	45.01	≤74	PASS
				Peak	2356.595	-49.11	2.00	0.00	48.09	≤74	PASS
				Peak	2390.000	-50.21	2.00	0.00	46.99	≤74	PASS
		High	2480	AV	2483.500	-58.77	2.00	1.10	39.53	≤54	PASS
				AV	2483.760	-58.33	2.00	1.10	39.97	≤54	PASS
				AV	2500.000	-59.1	2.00	1.10	39.20	≤54	PASS
				Peak	2483.500	-52	2.00	0.00	45.20	≤74	PASS
				Peak	2491.680	-48.11	2.00	0.00	49.09	≤74	PASS
				Peak	2500.000	-51.83	2.00	0.00	45.37	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.78	2.00	1.10	37.52	≤54	PASS
				AV	2386.730	-58.92	2.00	1.10	39.38	≤54	PASS
				AV	2390.000	-59.34	2.00	1.10	38.96	≤54	PASS
				Peak	2310.000	-51.42	2.00	0.00	45.78	≤74	PASS
				Peak	2383.790	-48.74	2.00	0.00	48.46	≤74	PASS
				Peak	2390.000	-50.98	2.00	0.00	46.22	≤74	PASS
		High	2480	AV	2483.500	-58.82	2.00	1.09	39.47	≤54	PASS
				AV	2483.680	-58.56	2.00	1.09	39.73	≤54	PASS
				AV	2500.000	-59.35	2.00	1.09	38.94	≤54	PASS
				Peak	2483.500	-50.56	2.00	0.00	46.64	≤74	PASS
				Peak	2493.040	-48.79	2.00	0.00	48.41	≤74	PASS
				Peak	2500.000	-52.51	2.00	0.00	44.69	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-60.68	2.00	1.09	37.61	≤54	PASS
				AV	2380.535	-59.06	2.00	1.09	39.23	≤54	PASS
				AV	2390.000	-60.19	2.00	1.09	38.10	≤54	PASS
				Peak	2310.000	-54.32	2.00	0.00	42.88	≤74	PASS
				Peak	2388.935	-48.64	2.00	0.00	48.56	≤74	PASS
				Peak	2390.000	-50.25	2.00	0.00	46.95	≤74	PASS
		High	2480	AV	2483.500	-58.95	2.00	1.09	39.34	≤54	PASS
				AV	2484.080	-58.45	2.00	1.09	39.84	≤54	PASS
				AV	2500.000	-59.49	2.00	1.09	38.80	≤54	PASS
				Peak	2483.500	-51.8	2.00	0.00	45.40	≤74	PASS
				Peak	2484.560	-48.3	2.00	0.00	48.90	≤74	PASS
				Peak	2500.000	-51.29	2.00	0.00	45.91	≤74	PASS

Note:

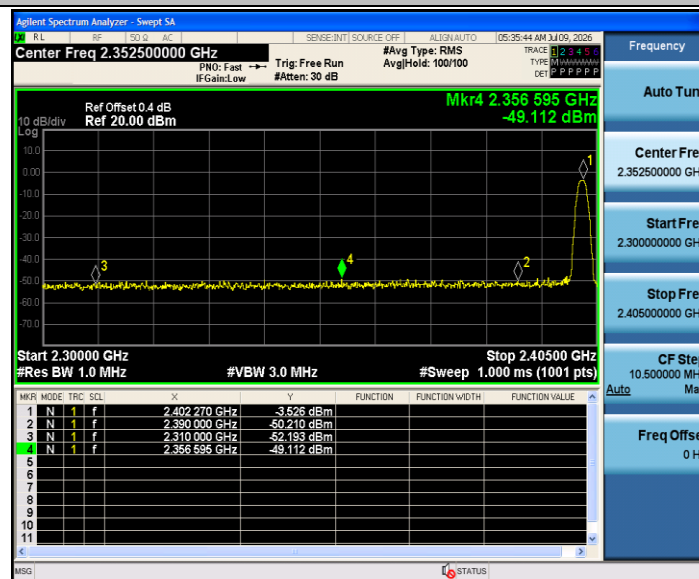
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

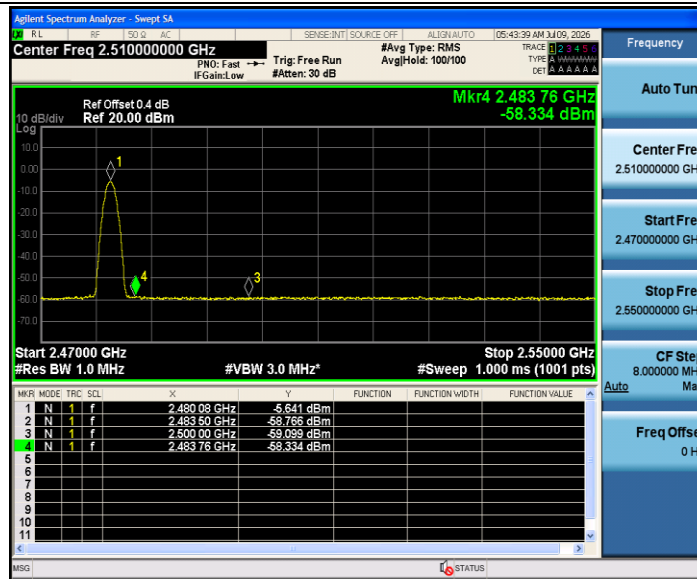
DH5_Ant1_Low_2402_AV



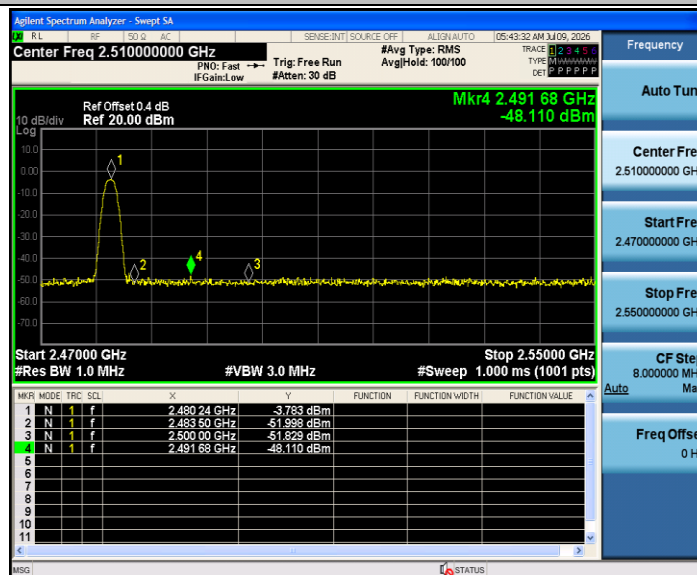
DH5_Ant1_Low_2402_Peak



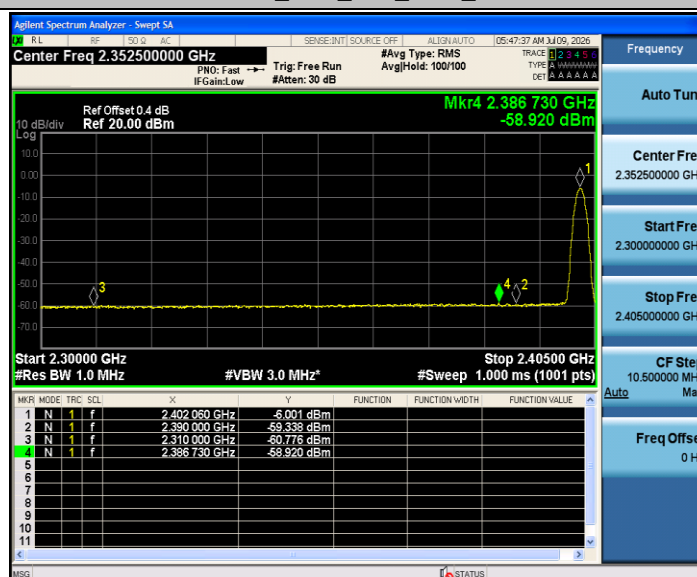
DH5_Ant1_High_2480_AV



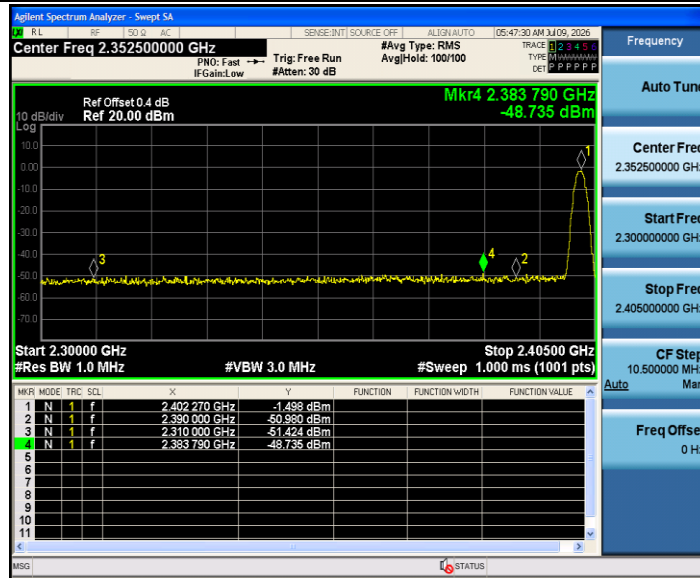
DH5_Ant1_High_2480_Peak



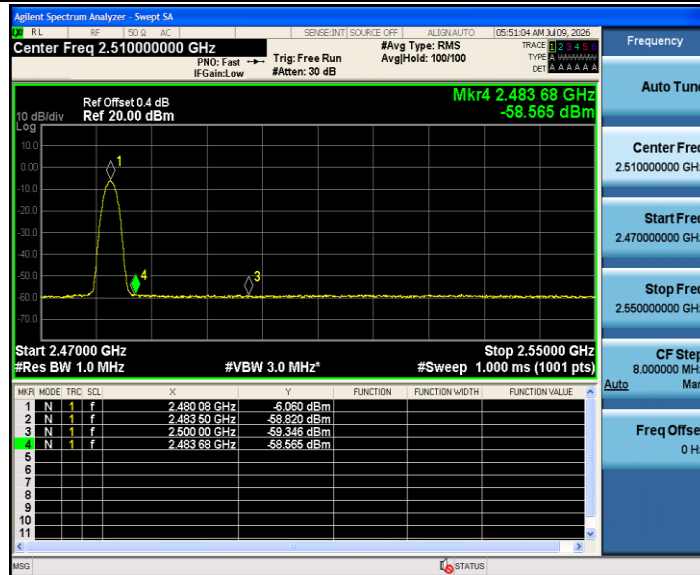
2DH5_Ant1_Low_2402_AV



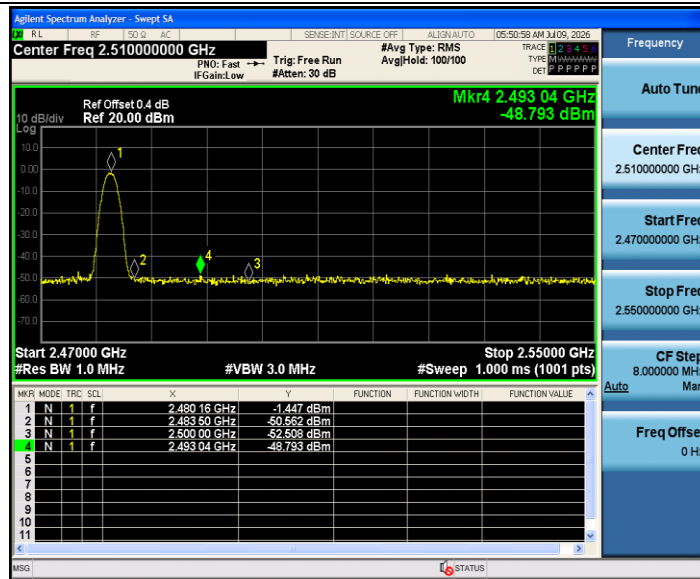
2DH5_Ant1_Low_2402_Peak



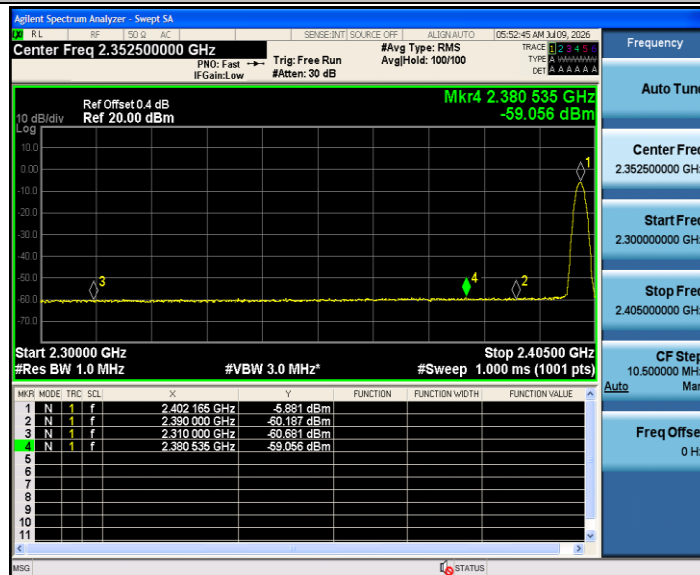
2DH5_Ant1_High_2480_AV



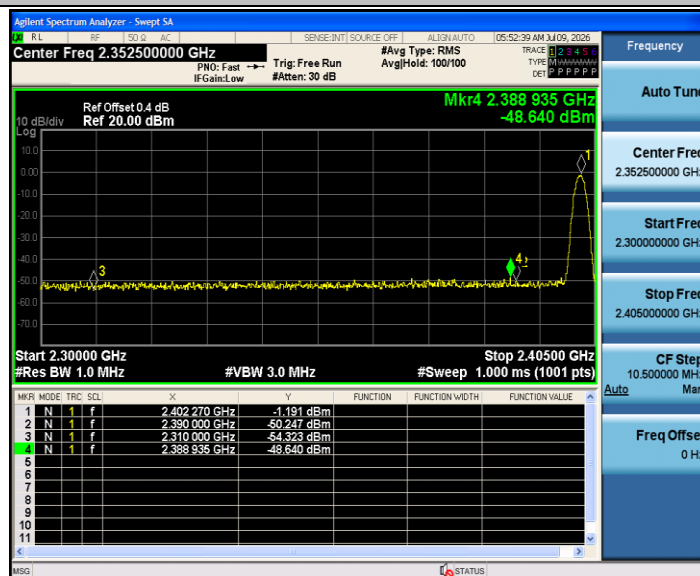
2DH5_Ant1_High_2480_Peak



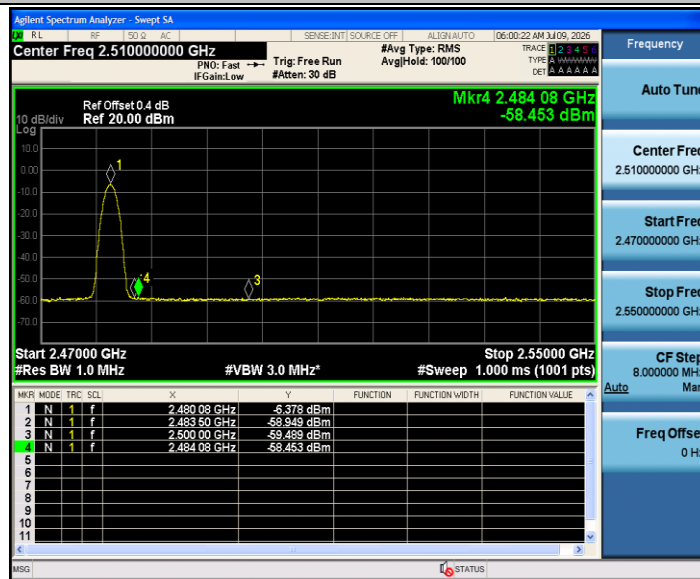
3DH5_Ant1_Low_2402_AV



3DH5_Ant1_Low_2402_Peak



3DH5_Ant1_High_2480_AV



3DH5_Ant1_High_2480_Peak

