

DH5_Ant1_2402

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.3 dB Ref 10.30 dBm

ΔMkr3 3.750 ms 4.18 dB

Center 2.402000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 7.000 ms (1001 pts)

MFR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-15.80 dBm			
2	Δ1	1	t (Δ)	2.910 ms (Δ)	11.38 dB			
3	Δ1	1	t (Δ)	3.750 ms (Δ)	4.18 dB			

DH5_Ant1_2441

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

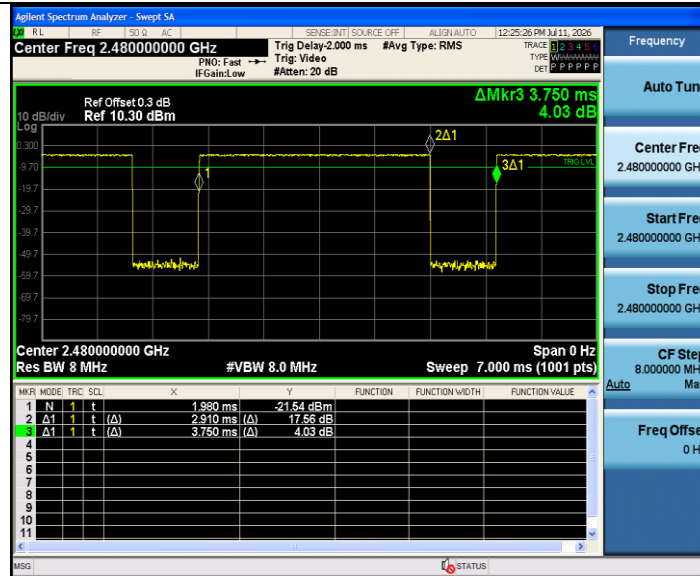
Trig Delay: 2.000 ms #Avg Type: RMS

Ref Offset 0.3 dB Ref 10.30 dBm

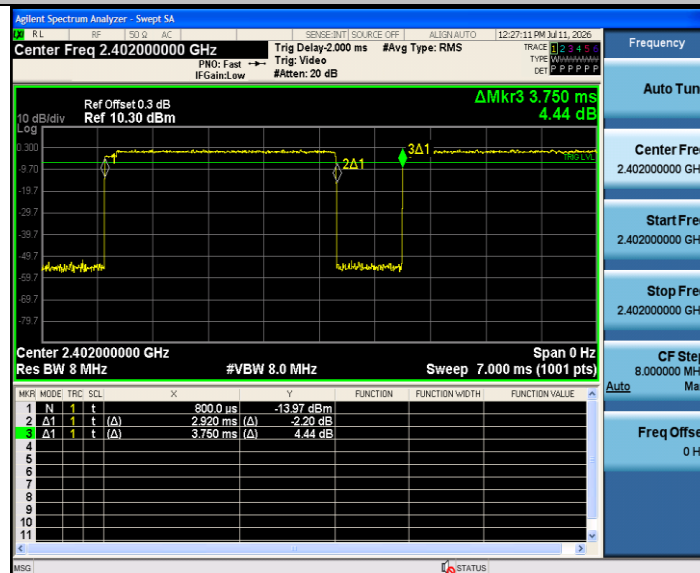
ΔMkr3 3.750 ms 5.20 dB

Center 2.441000000 GHz Res BW 8 MHz #VBW 8.0 MHz Sweep 7.000 ms (1001 pts)

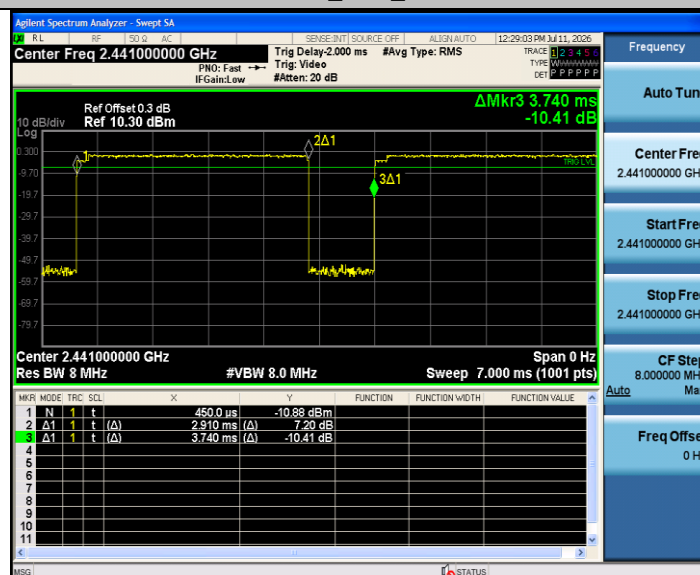
MFR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	1.980 ms	-24.02 dBm			
2	Δ1	1	t (Δ)	2.910 ms (Δ)	20.29 dB			
3	Δ1	1	t (Δ)	3.750 ms (Δ)	5.20 dB			



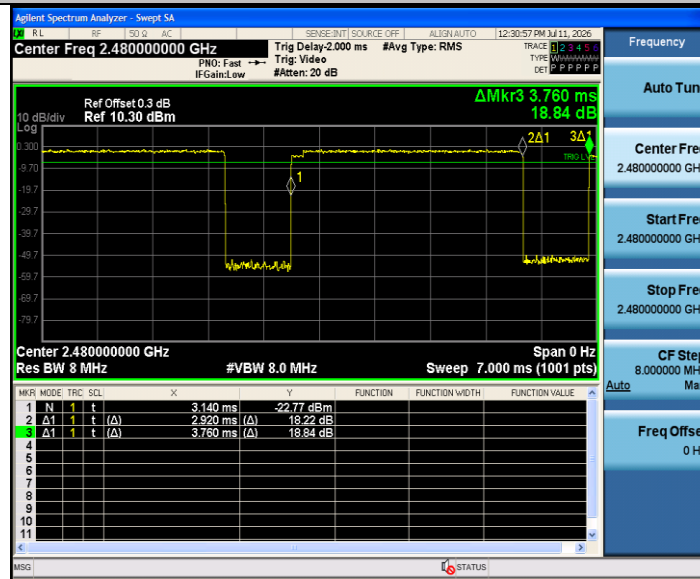
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

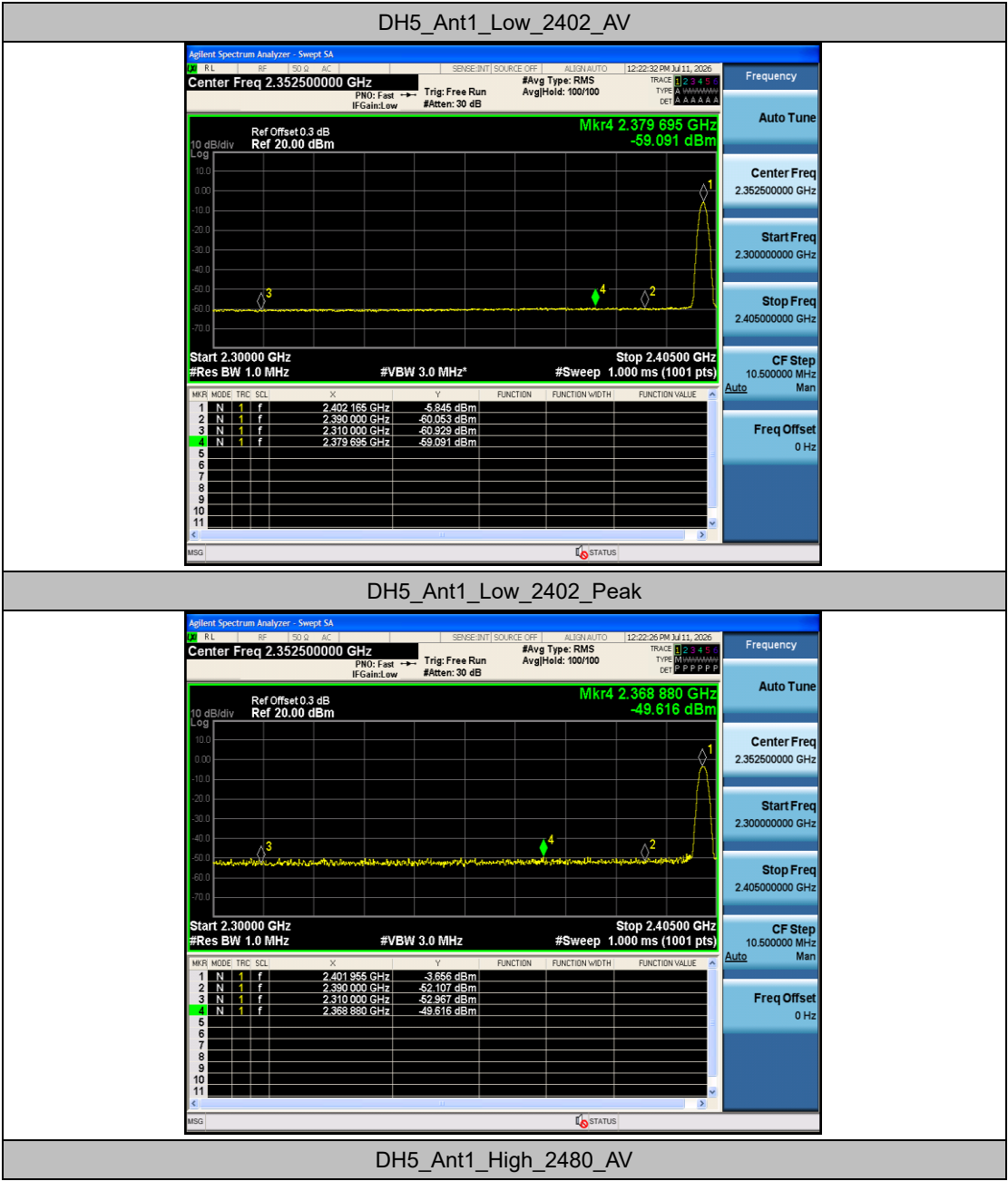
Test Result

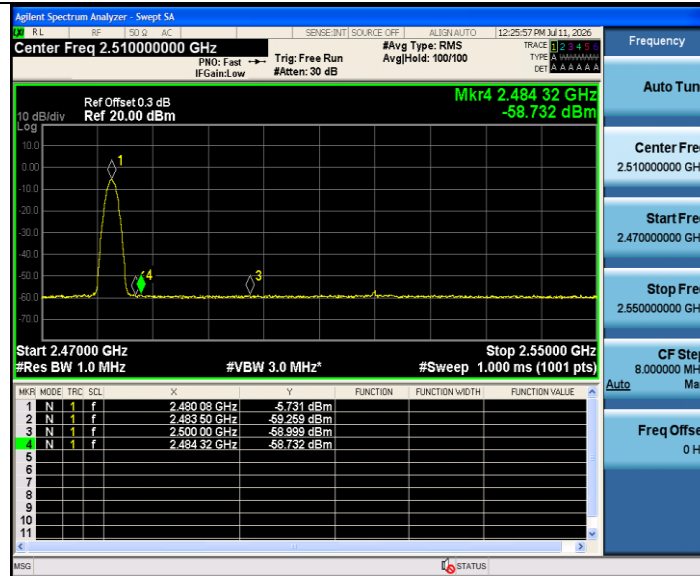
Test Mode	Antenna	Channel Name	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.93	2.00	1.10	37.37	≤54	PASS
				AV	2379.695	-59.09	2.00	1.10	39.21	≤54	PASS
				AV	2390.000	-60.05	2.00	1.10	38.25	≤54	PASS
				Peak	2310.000	-52.97	2.00	0.00	44.23	≤74	PASS
				Peak	2368.880	-49.62	2.00	0.00	47.58	≤74	PASS
				Peak	2390.000	-52.11	2.00	0.00	45.09	≤74	PASS
		High	2480	AV	2483.500	-59.26	2.00	1.10	39.04	≤54	PASS
				AV	2484.320	-58.73	2.00	1.10	39.57	≤54	PASS
				AV	2500.000	-59	2.00	1.10	39.30	≤54	PASS
				Peak	2483.500	-51.28	2.00	0.00	45.92	≤74	PASS
				Peak	2484.720	-47.46	2.00	0.00	49.74	≤74	PASS
				Peak	2500.000	-51.1	2.00	0.00	46.10	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.35	2.00	1.09	37.94	≤54	PASS
				AV	2369.405	-58.91	2.00	1.09	39.38	≤54	PASS
				AV	2390.000	-59.83	2.00	1.09	38.46	≤54	PASS
				Peak	2310.000	-52.12	2.00	0.00	45.08	≤74	PASS
				Peak	2349.875	-48.65	2.00	0.00	48.55	≤74	PASS
				Peak	2390.000	-51.67	2.00	0.00	45.53	≤74	PASS
		High	2480	AV	2483.500	-58.45	2.00	1.10	39.85	≤54	PASS
				AV	2484.000	-58.24	2.00	1.10	40.06	≤54	PASS
				AV	2500.000	-59.6	2.00	1.10	38.70	≤54	PASS
				Peak	2483.500	-49.26	2.00	0.00	47.94	≤74	PASS
				Peak	2484.560	-46.86	2.00	0.00	50.34	≤74	PASS
				Peak	2500.000	-51	2.00	0.00	46.20	≤74	PASS

Note:

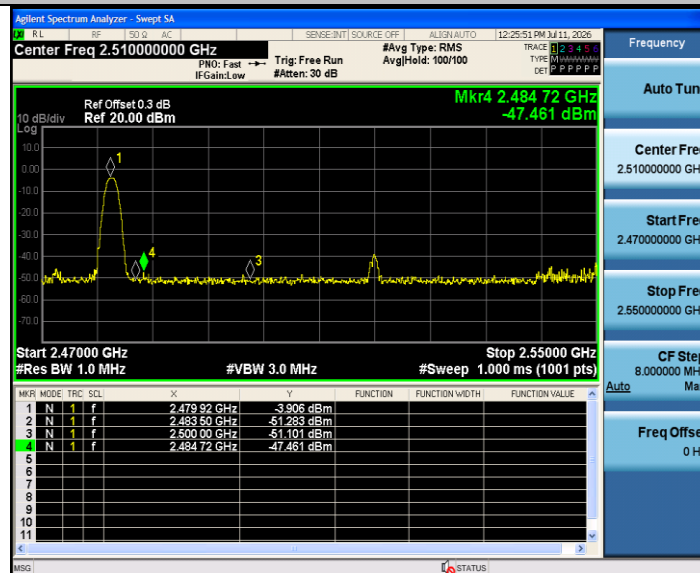
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

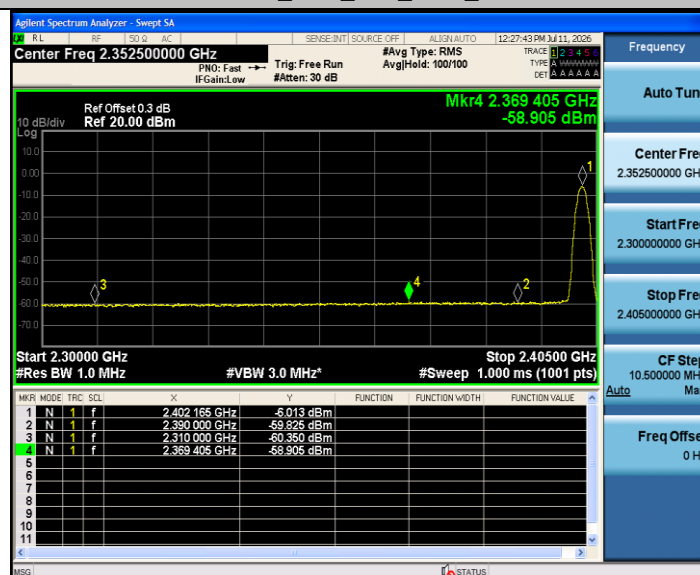




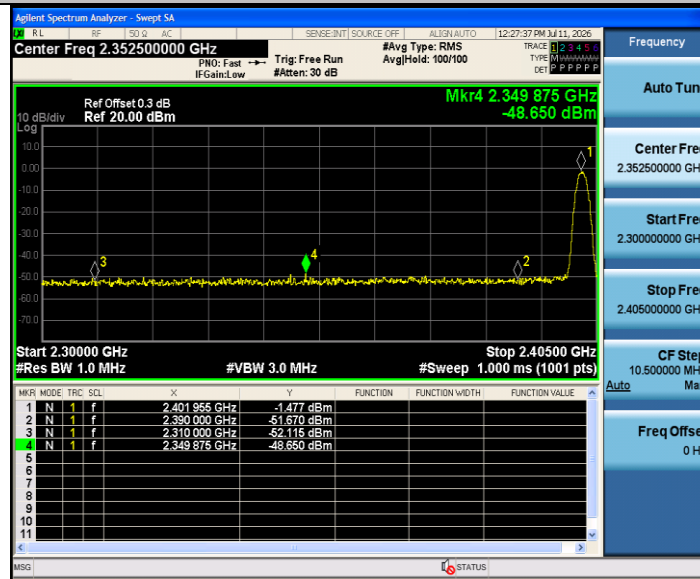
DH5_Ant1_High_2480_Peak



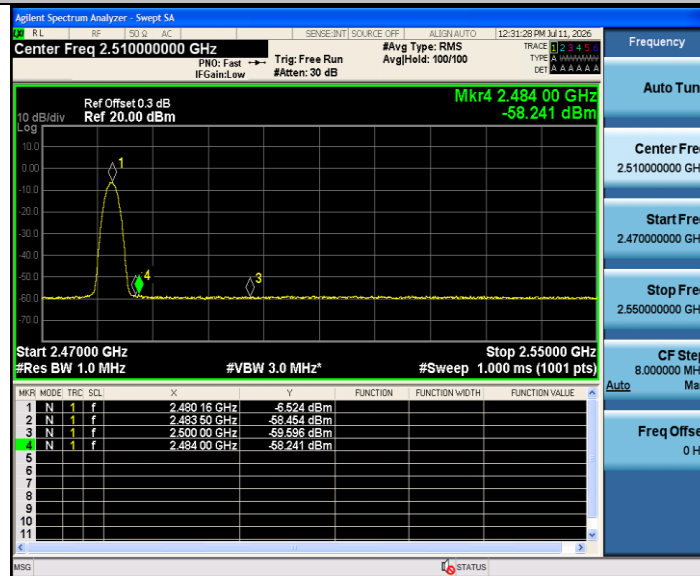
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak

