

DH5_Ant1_2402

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms

Trig: Video

#Aver: 20 dB

Ref Offset 0.3 dB

Ref 10.30 dBm

ΔMkr3 3.740 ms

-12.86 dB

Center 2.402000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 7.000 ms (1001 pts)

Span 0 Hz

MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		1.990 ms	-3.60 dBm		
2	Δ1	1	t	(Δ)	2.900 ms (Δ)	0.36 dB		
3	Δ1	1	t	(Δ)	3.740 ms (Δ)	-12.86 dB		

DH5_Ant1_2441

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms

Trig: Video

#Aver: 20 dB

Ref Offset 0.3 dB

Ref 10.30 dBm

ΔMkr3 3.750 ms

5.36 dB

Center 2.441000000 GHz

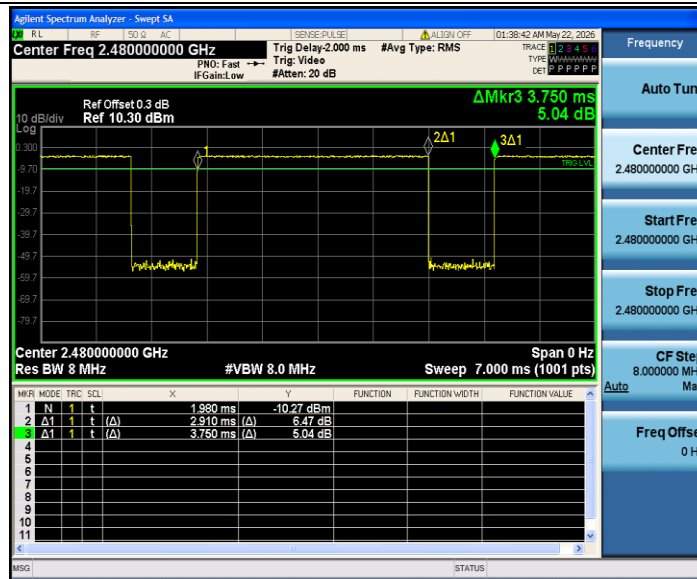
Res BW 8 MHz

#VBW 8.0 MHz

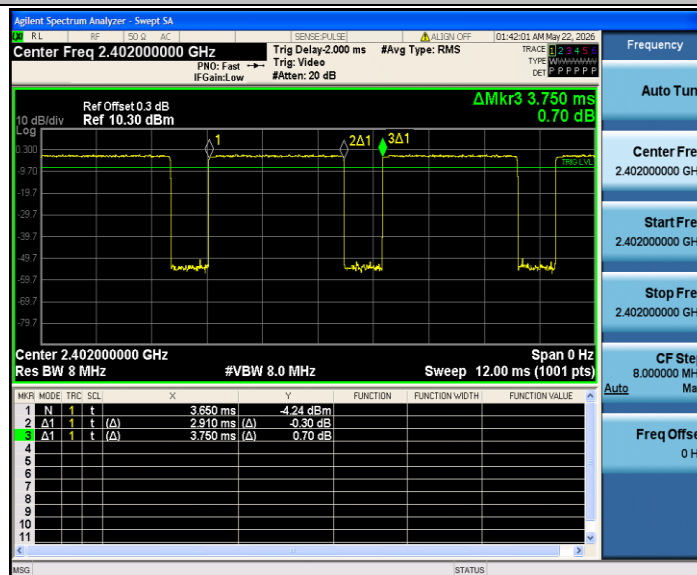
Sweep 7.000 ms (1001 pts)

Span 0 Hz

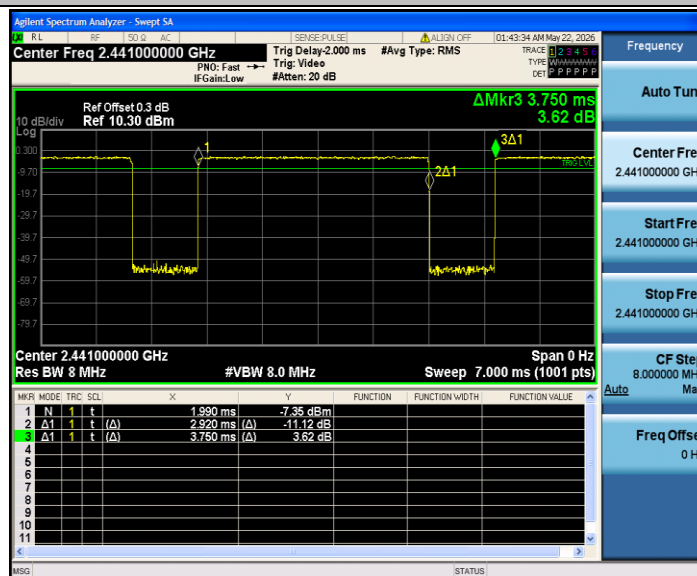
MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		1.980 ms	-14.30 dBm		
2	Δ1	1	t	(Δ)	2.910 ms (Δ)	10.90 dB		
3	Δ1	1	t	(Δ)	3.750 ms (Δ)	5.36 dB		



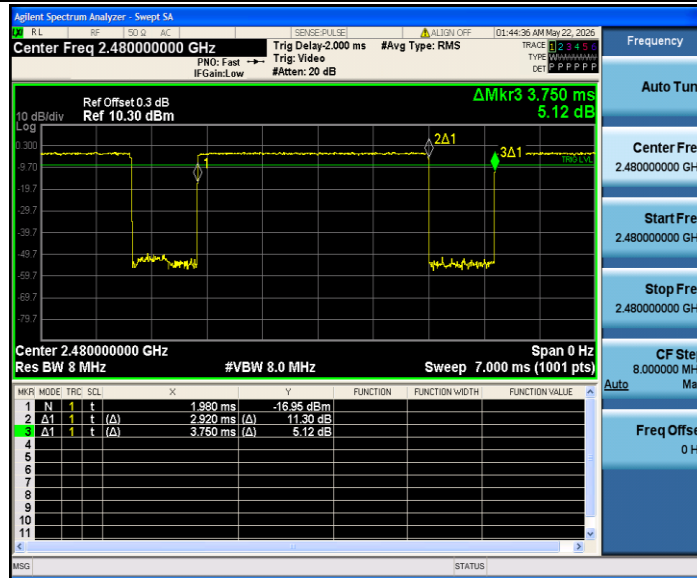
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

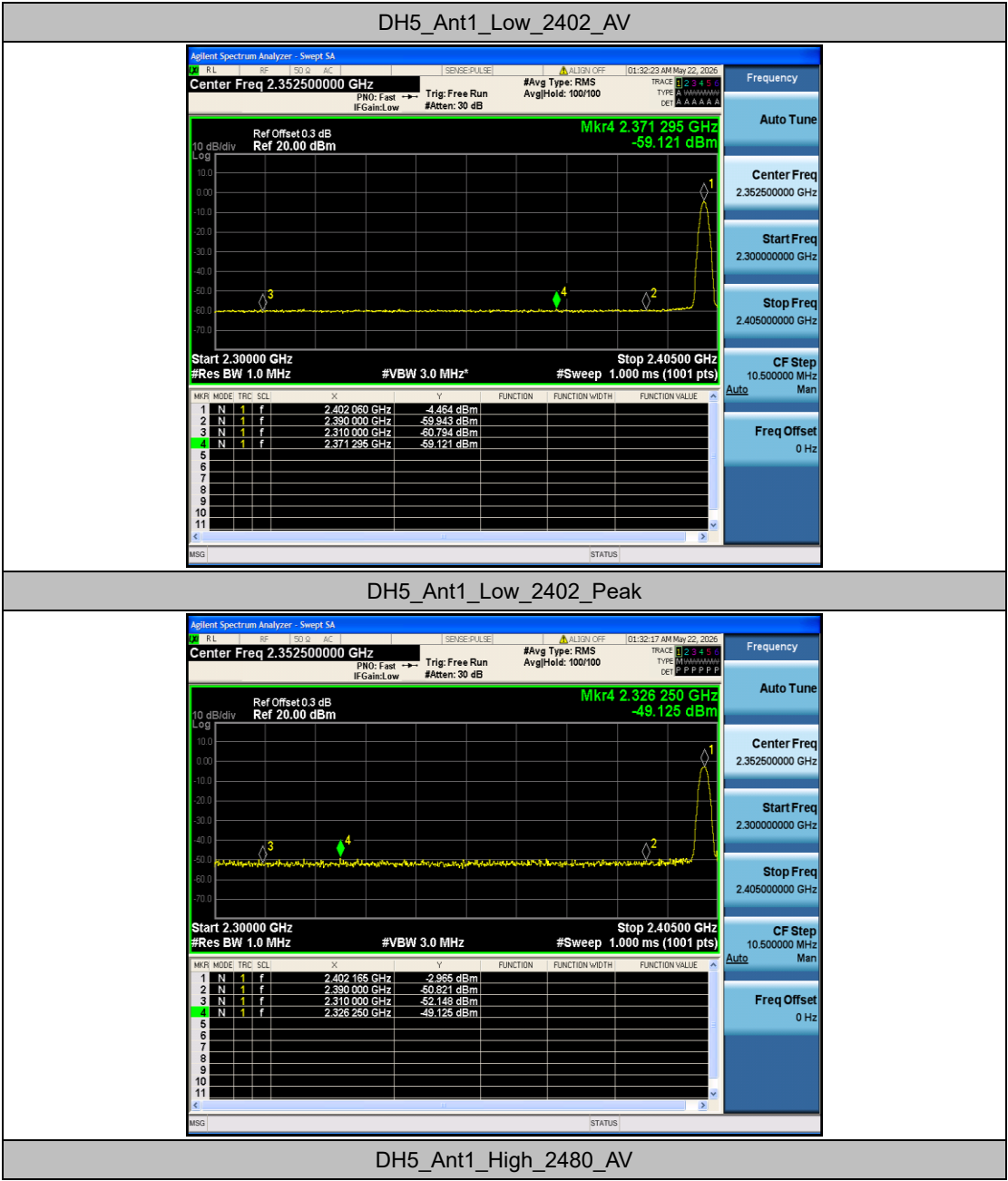
Test Result

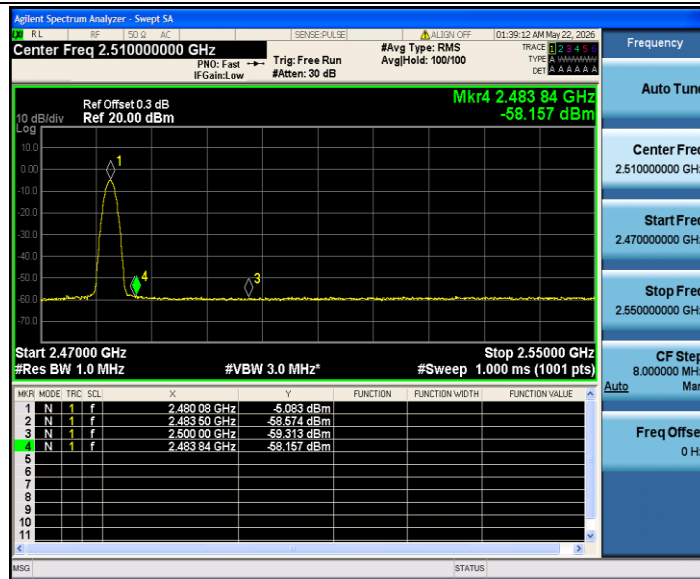
TestMod e	Antenn a	ChNam e	Freq(MH z)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-60.79	2.00	1.10	37.51	≤54	PASS
				AV	2371.295	-59.12	2.00	1.10	39.18	≤54	PASS
				AV	2390.000	-59.94	2.00	1.10	38.36	≤54	PASS
				Peak	2310.000	-52.15	2.00	0.00	45.05	≤74	PASS
				Peak	2326.250	-49.13	2.00	0.00	48.07	≤74	PASS
				Peak	2390.000	-50.82	2.00	0.00	46.38	≤74	PASS
		High	2480	AV	2483.500	-58.57	2.00	1.10	39.73	≤54	PASS
				AV	2483.840	-58.16	2.00	1.10	40.14	≤54	PASS
				AV	2500.000	-59.31	2.00	1.10	38.99	≤54	PASS
				Peak	2483.500	-48.71	2.00	0.00	48.49	≤74	PASS
				Peak	2483.520	-48.71	2.00	0.00	48.49	≤74	PASS
				Peak	2500.000	-51.1	2.00	0.00	46.10	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.7	2.00	1.10	37.60	≤54	PASS
				AV	2349.980	-59.07	2.00	1.10	39.23	≤54	PASS
				AV	2390.000	-60.14	2.00	1.10	38.16	≤54	PASS
				Peak	2310.000	-52.56	2.00	0.00	44.64	≤74	PASS
				Peak	2377.175	-48.1	2.00	0.00	49.10	≤74	PASS
				Peak	2390.000	-52.53	2.00	0.00	44.67	≤74	PASS
		High	2480	AV	2483.500	-58.81	2.00	1.09	39.48	≤54	PASS
				AV	2483.840	-58.31	2.00	1.09	39.98	≤54	PASS
				AV	2500.000	-59.34	2.00	1.09	38.95	≤54	PASS
				Peak	2483.500	-51.12	2.00	0.00	46.08	≤74	PASS
				Peak	2483.680	-47.44	2.00	0.00	49.76	≤74	PASS
				Peak	2500.000	-52.15	2.00	0.00	45.05	≤74	PASS

Note:

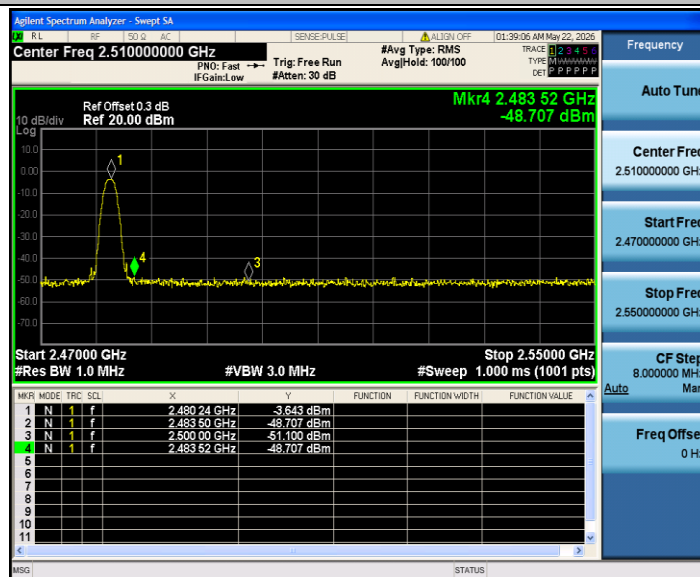
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

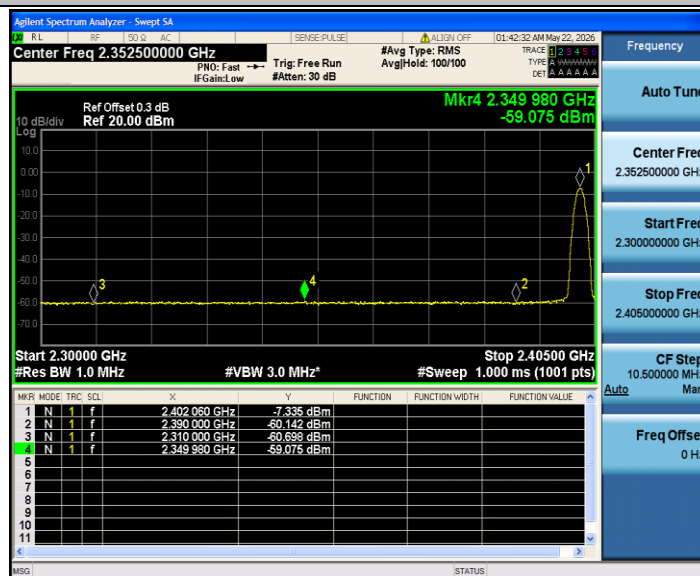




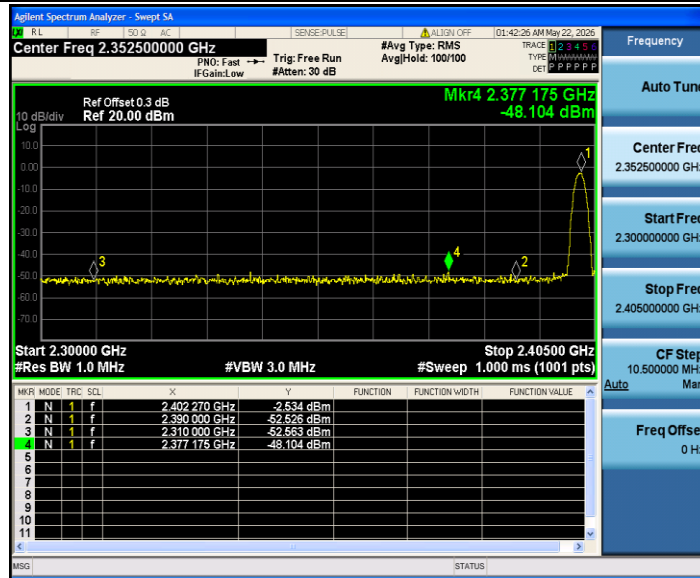
DH5_Ant1_High_2480_Peak



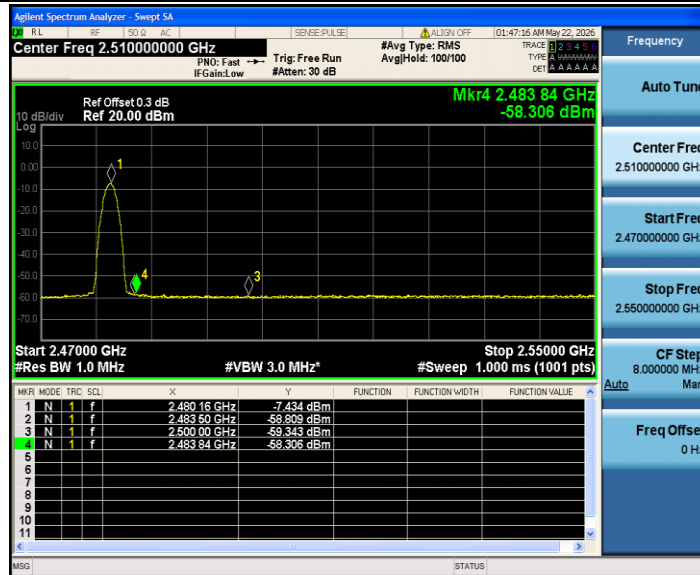
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak

