

DH5_Ant1_2402

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.402000000 GHz

Trig Delay: 2.000 ms

Avg Type: RMS

Ref Offset 0.2 dB

Ref 10.20 dBm

ΔMkr3 3.750 ms

4.33 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		1.980 ms	-14.90 dBm		
2	A1	1	t	(Δ)	2.910 ms (Δ)	13.07 dB		
3	A1	1	t	(Δ)	3.750 ms (Δ)	4.33 dB		

DH5_Ant1_2441

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.441000000 GHz

Trig Delay: 2.000 ms

Avg Type: RMS

Ref Offset 0.2 dB

Ref 10.20 dBm

ΔMkr3 3.750 ms

4.31 dB

Center 2.441000000 GHz

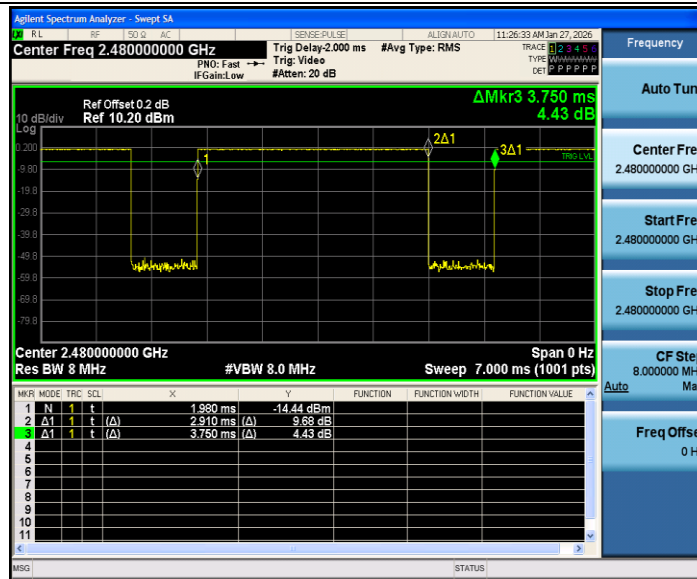
Res BW 8 MHz

#VBW 8.0 MHz

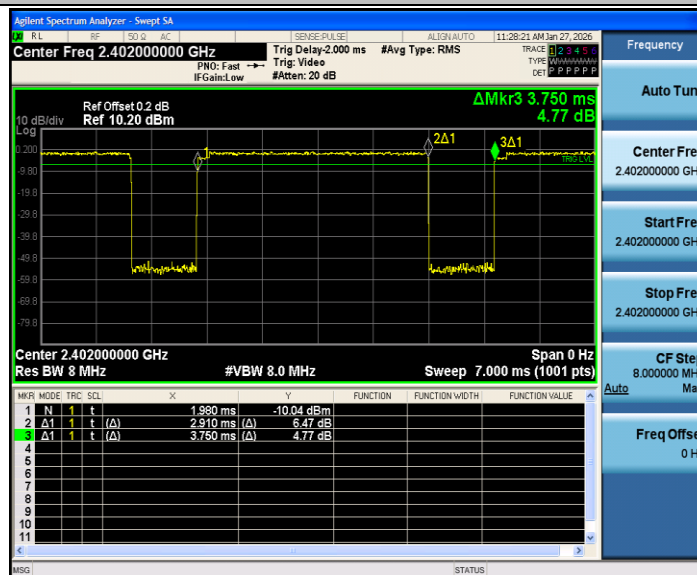
Sweep 7.000 ms (1001 pts)

Span 0 Hz

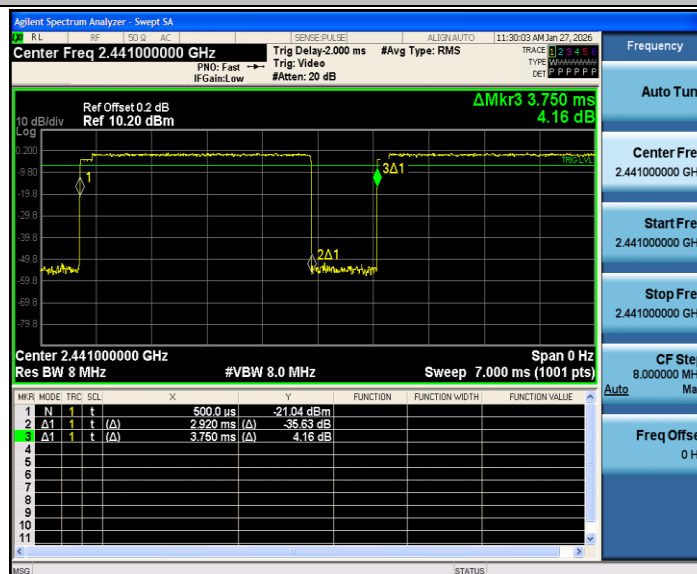
MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t		1.980 ms	-14.64 dBm		
2	A1	1	t	(Δ)	2.910 ms (Δ)	11.17 dB		
3	A1	1	t	(Δ)	3.750 ms (Δ)	4.31 dB		



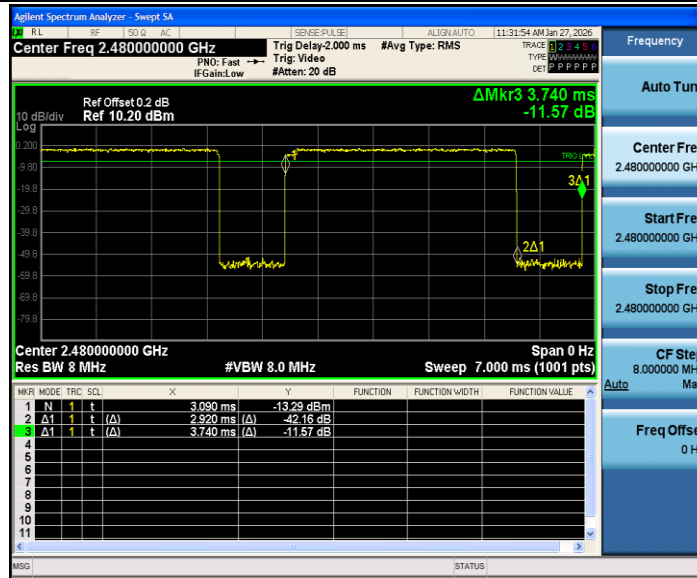
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



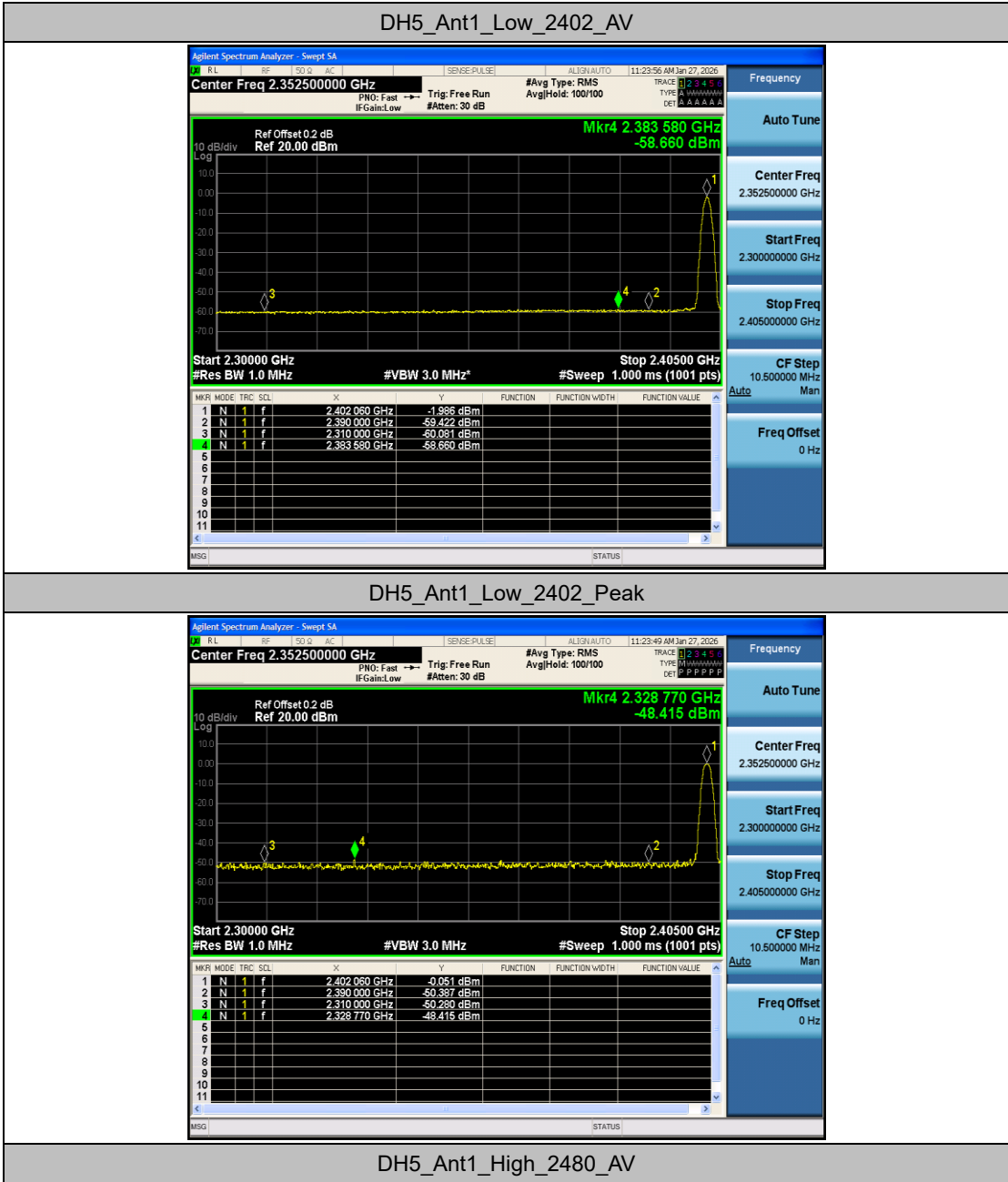
Appendix J: Emissions in Restricted Bands

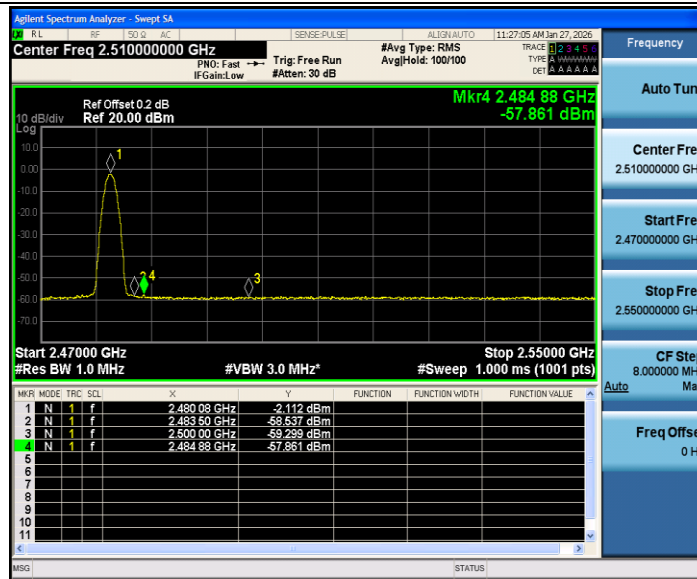
Test Result

TestMode	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	-60.08	2.00	1.10	38.22	≤54	PASS
				AV	2383.580	-58.66	2.00	1.10	39.64	≤54	PASS
				AV	2390.000	-59.42	2.00	1.10	38.88	≤54	PASS
				Peak	2310.000	-50.28	2.00	0.00	46.92	≤74	PASS
				Peak	2328.770	-48.41	2.00	0.00	48.79	≤74	PASS
				Peak	2390.000	-50.39	2.00	0.00	46.81	≤74	PASS
		High	2480	AV	2483.500	-58.54	2.00	1.10	39.76	≤54	PASS
				AV	2484.880	-57.86	2.00	1.10	40.44	≤54	PASS
				AV	2500.000	-59.3	2.00	1.10	39.00	≤54	PASS
				Peak	2483.500	-50.53	2.00	0.00	46.67	≤74	PASS
				Peak	2484.560	-48.52	2.00	0.00	48.68	≤74	PASS
				Peak	2500.000	-50.49	2.00	0.00	46.71	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-59.99	2.00	1.10	38.31	≤54	PASS
				AV	2379.065	-58.88	2.00	1.10	39.42	≤54	PASS
				AV	2390.000	-59.86	2.00	1.10	38.44	≤54	PASS
				Peak	2310.000	-53.64	2.00	0.00	43.56	≤74	PASS
				Peak	2372.450	-48.83	2.00	0.00	48.37	≤74	PASS
				Peak	2390.000	-52.14	2.00	0.00	45.06	≤74	PASS
		High	2480	AV	2483.500	-58.7	2.00	1.08	39.58	≤54	PASS
				AV	2483.680	-58.25	2.00	1.08	40.03	≤54	PASS
				AV	2500.000	-59.53	2.00	1.08	38.75	≤54	PASS
				Peak	2483.500	-50.58	2.00	0.00	46.62	≤74	PASS
				Peak	2487.600	-48.96	2.00	0.00	48.24	≤74	PASS
				Peak	2500.000	-50.68	2.00	0.00	46.52	≤74	PASS

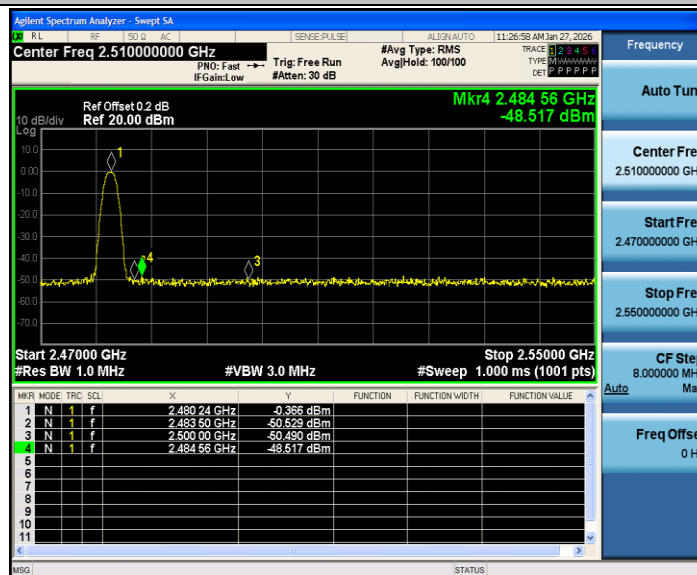
Note: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

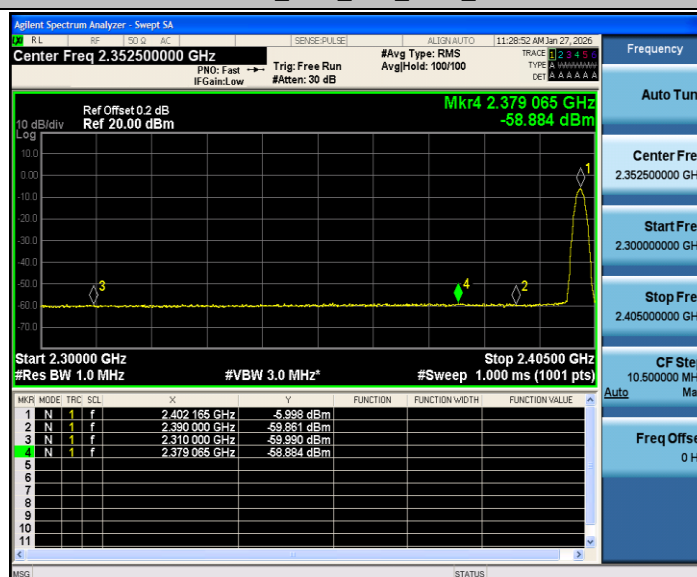




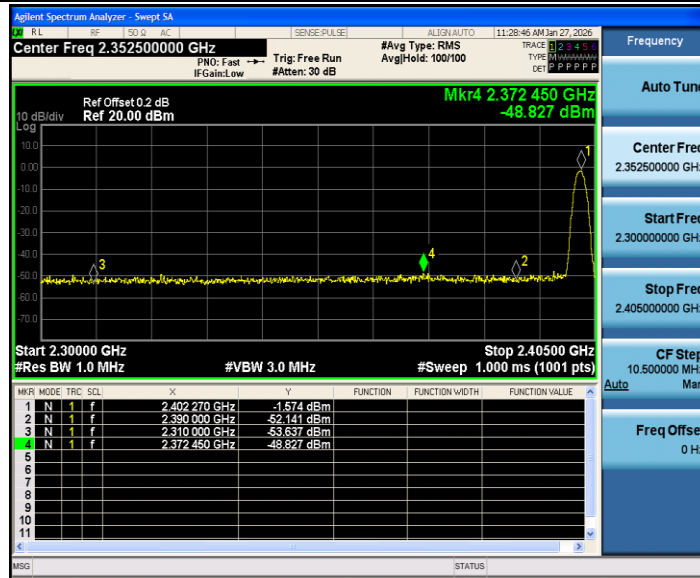
DH5_Ant1_High_2480_Peak



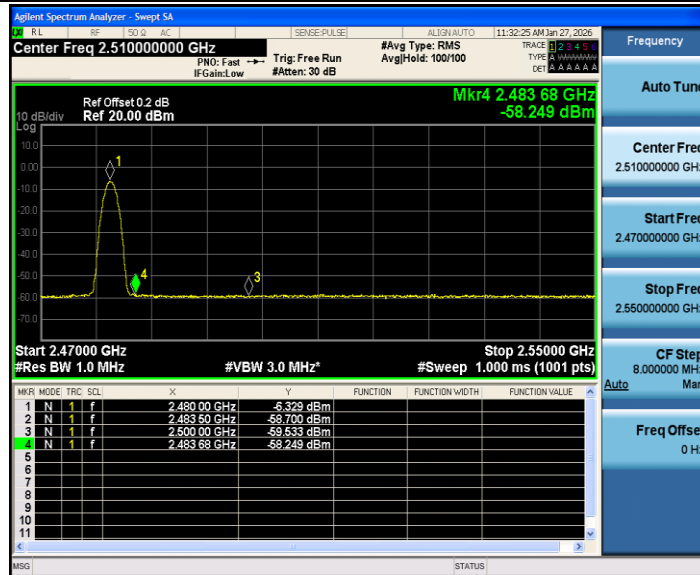
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak

