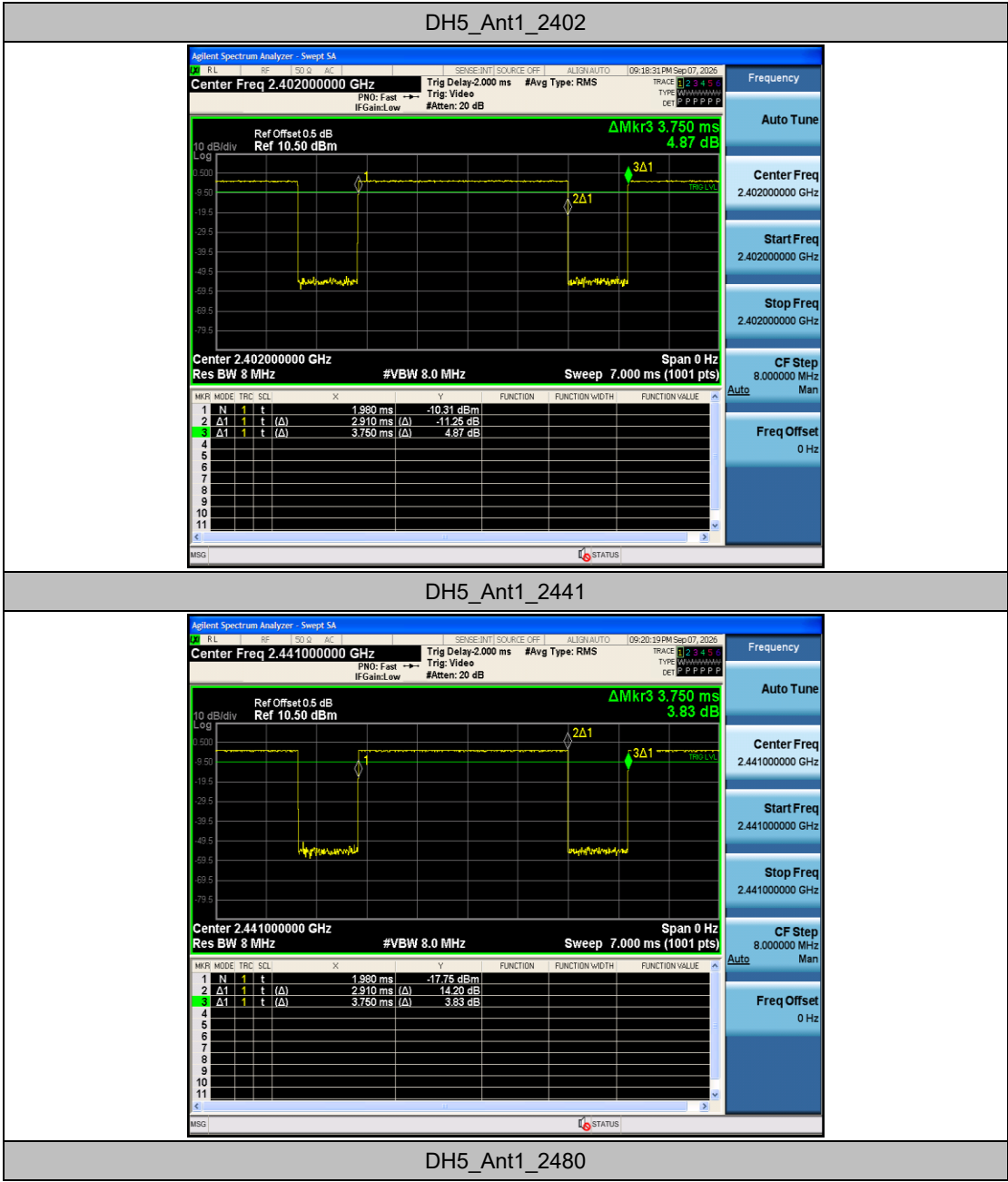
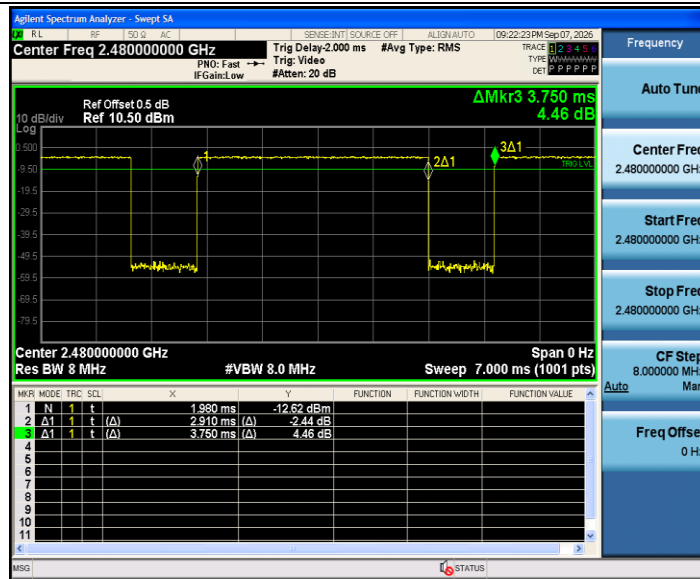
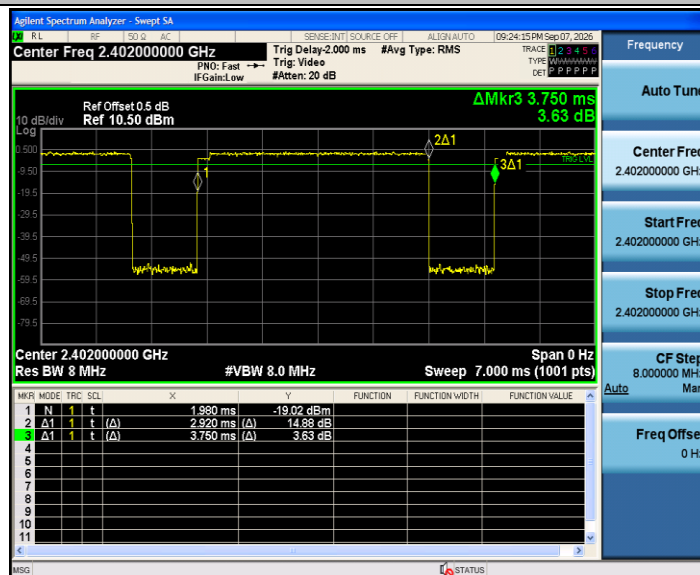


Test Graphs

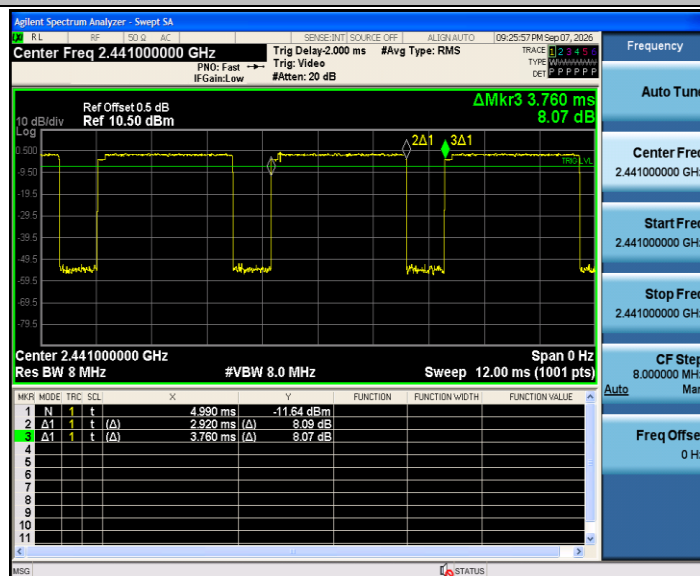




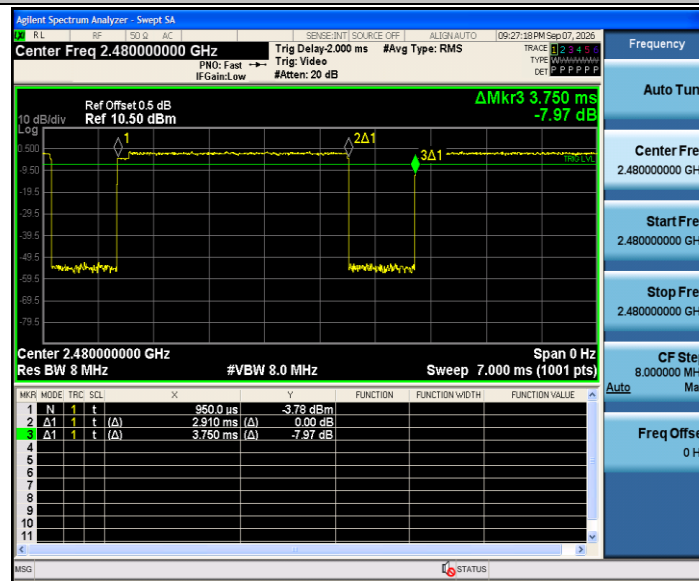
2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



Appendix J: Emissions in Restricted Bands

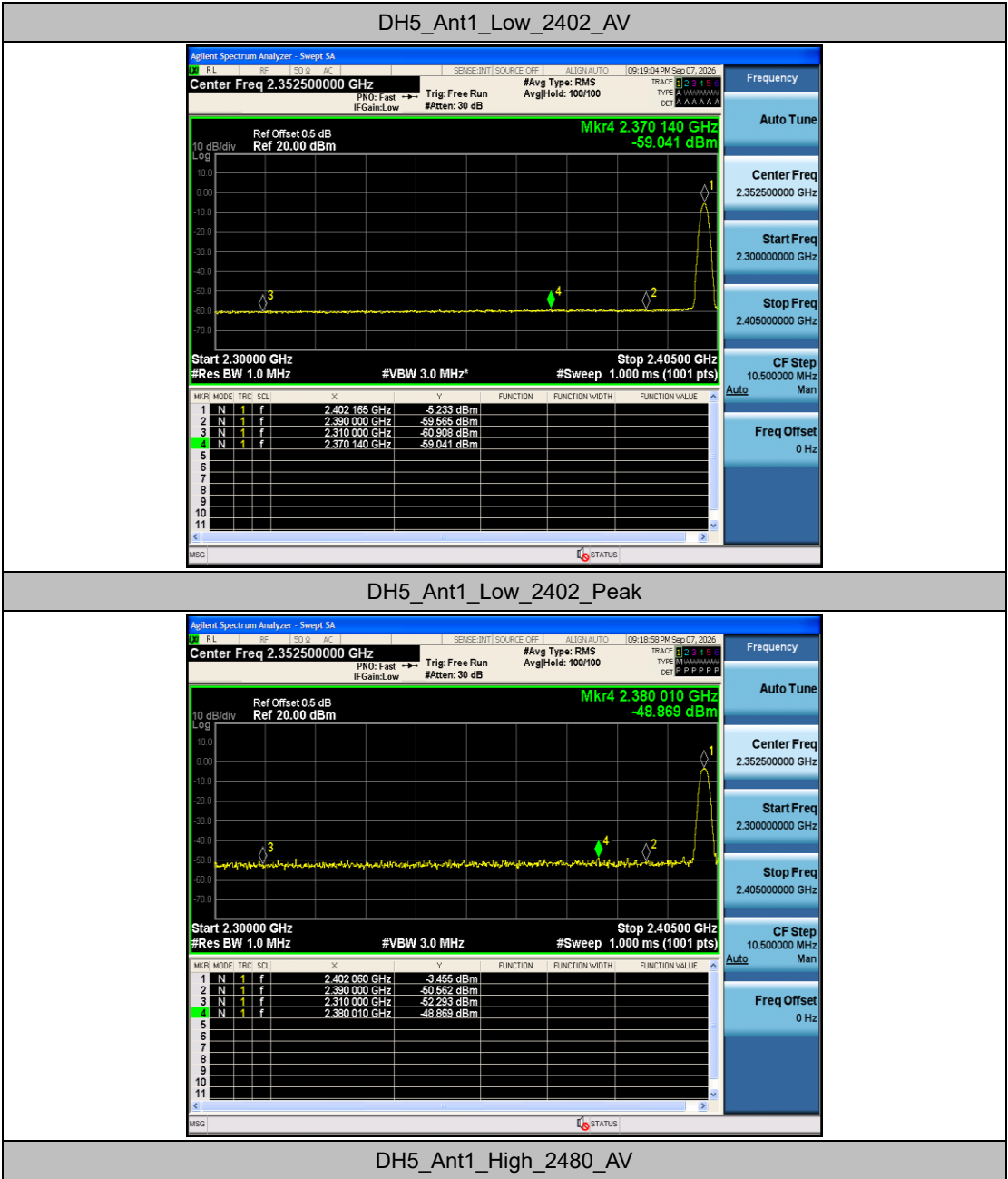
Test Result

TestMode	Antenna	ChName	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	-60.91	2.00	1.10	37.39	≤54	PASS
				AV	2370.140	-59.04	2.00	1.10	39.26	≤54	PASS
				AV	2390.000	-59.57	2.00	1.10	38.73	≤54	PASS
				Peak	2310.000	-52.29	2.00	0.00	44.91	≤74	PASS
				Peak	2380.010	-48.87	2.00	0.00	48.33	≤74	PASS
				Peak	2390.000	-50.56	2.00	0.00	46.64	≤74	PASS
		High	2480	AV	2483.500	-59.13	2.00	1.10	39.17	≤54	PASS
				AV	2483.840	-58.3	2.00	1.10	40.00	≤54	PASS
				AV	2500.000	-59.48	2.00	1.10	38.82	≤54	PASS
				Peak	2483.500	-51.43	2.00	0.00	45.77	≤74	PASS
				Peak	2489.040	-47.61	2.00	0.00	49.59	≤74	PASS
				Peak	2500.000	-52.39	2.00	0.00	44.81	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-60.85	2.00	1.09	37.44	≤54	PASS
				AV	2375.705	-58.87	2.00	1.09	39.42	≤54	PASS
				AV	2390.000	-59.97	2.00	1.09	38.32	≤54	PASS
				Peak	2310.000	-51.85	2.00	0.00	45.35	≤74	PASS
				Peak	2386.415	-49.01	2.00	0.00	48.19	≤74	PASS
				Peak	2390.000	-51.87	2.00	0.00	45.33	≤74	PASS
		High	2480	AV	2483.500	-59.5	2.00	1.10	38.80	≤54	PASS
				AV	2484.160	-58.48	2.00	1.10	39.82	≤54	PASS
				AV	2500.000	-59.42	2.00	1.10	38.88	≤54	PASS
				Peak	2483.500	-51.66	2.00	0.00	45.54	≤74	PASS
				Peak	2498.400	-48.85	2.00	0.00	48.35	≤74	PASS
				Peak	2500.000	-51.09	2.00	0.00	46.11	≤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_Low_2402_Peak

Agilent Spectrum Analyzer - Sweep SA

Center Freq 2.352500000 GHz

Ref Offset 0.5 dB
Ref 20.00 dBm

Start 2.30000 GHz
#Res BW 1.0 MHz

Stop 2.40500 GHz
#Sweep 1.000 ms (1001 pts)

10 dB/div
Log

Mkr4 2.380 010 GHz
-48.869 dBm

1
2
3
4
5
6
7
8
9
10
11

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.352500000 GHz

Start Freq
2.300000000 GHz

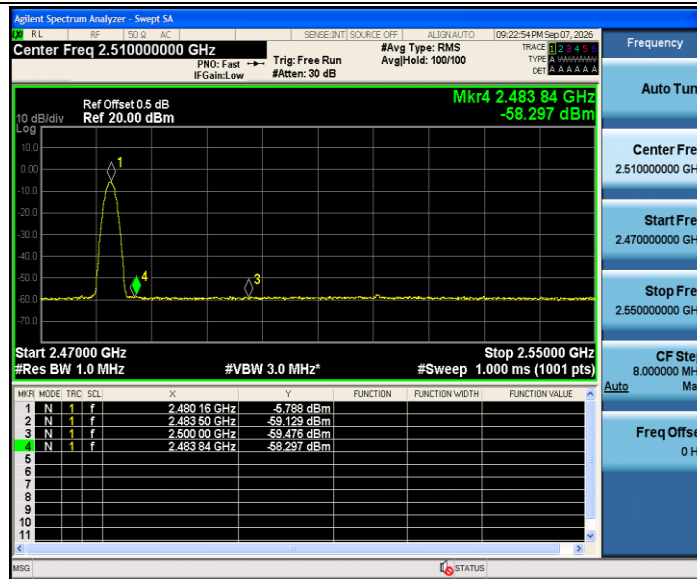
Stop Freq
2.405000000 GHz

CF Step
10.500000 MHz
Auto Man

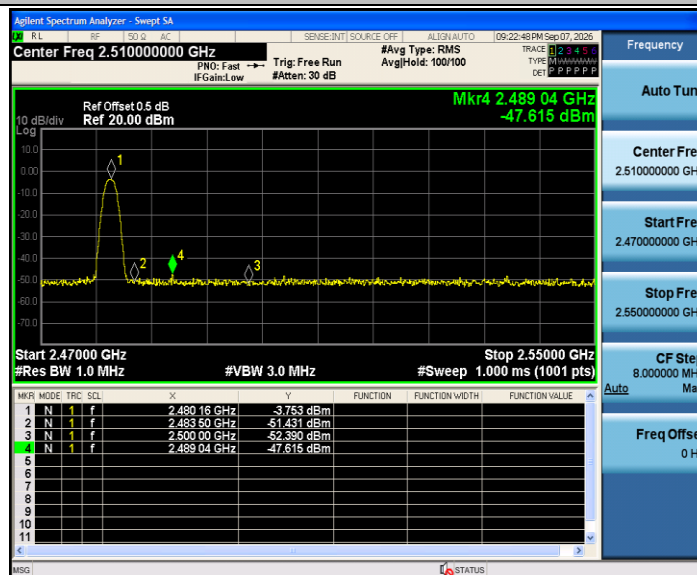
Freq Offset
0 Hz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.402 060 GHz	-3.455 dBm			
2	N	1	f	2.390 000 GHz	-50.562 dBm			
3	N	1	f	2.310 000 GHz	-52.293 dBm			
4	N	1	f	2.380 010 GHz	-48.869 dBm			

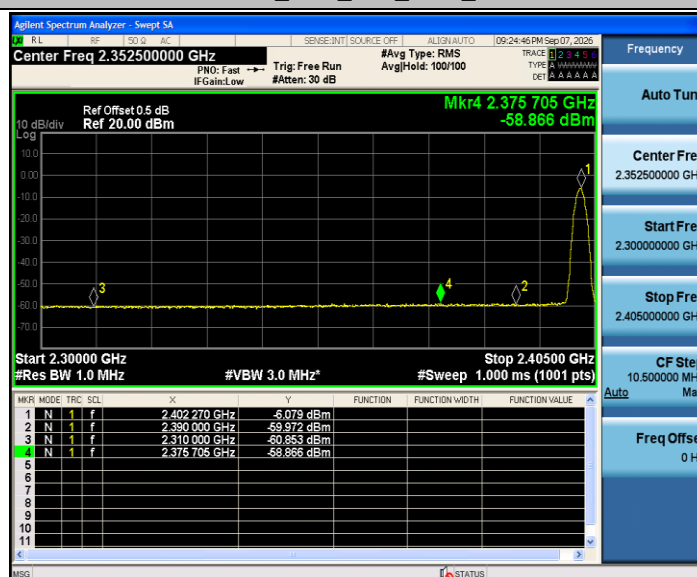
DH5_Ant1_High_2480_AV



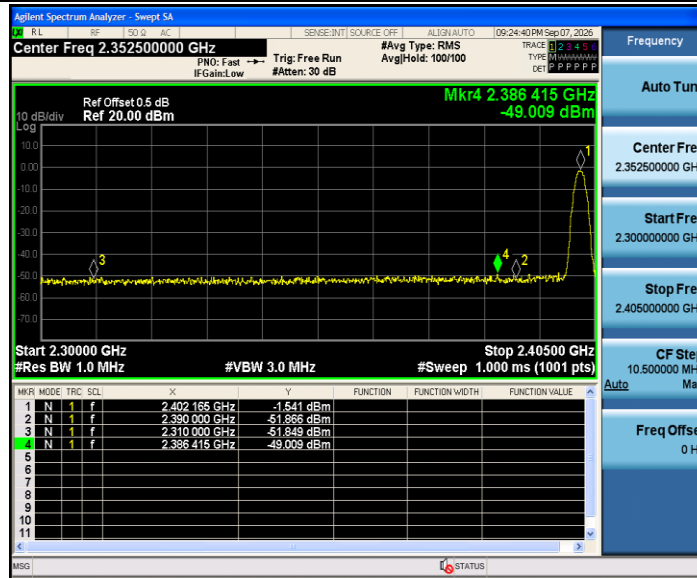
DH5_Ant1_High_2480_Peak



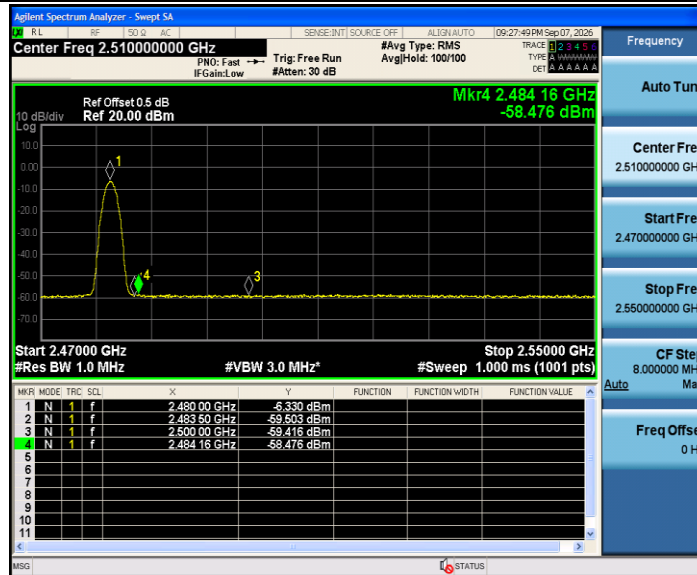
2DH5_Ant1_Low_2402_AV



2DH5_Ant1_Low_2402_Peak



2DH5_Ant1_High_2480_AV



2DH5_Ant1_High_2480_Peak

