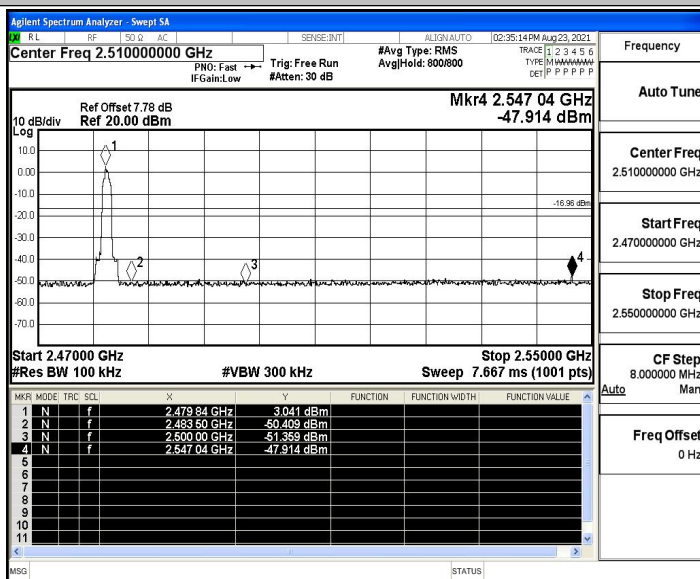
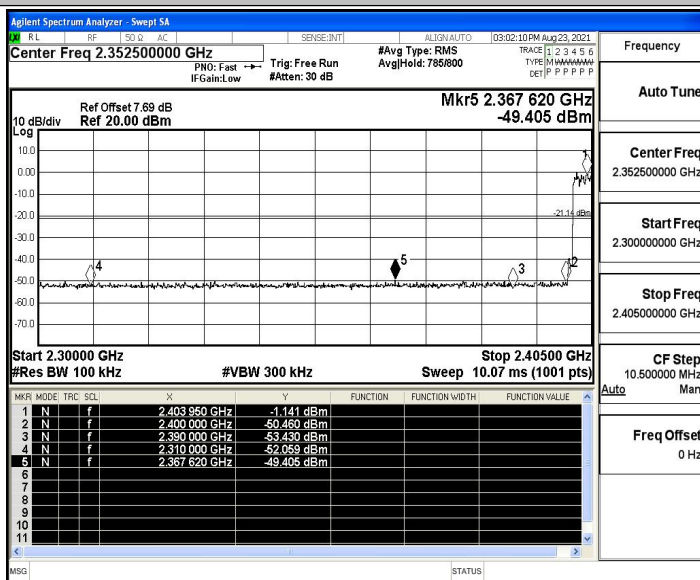




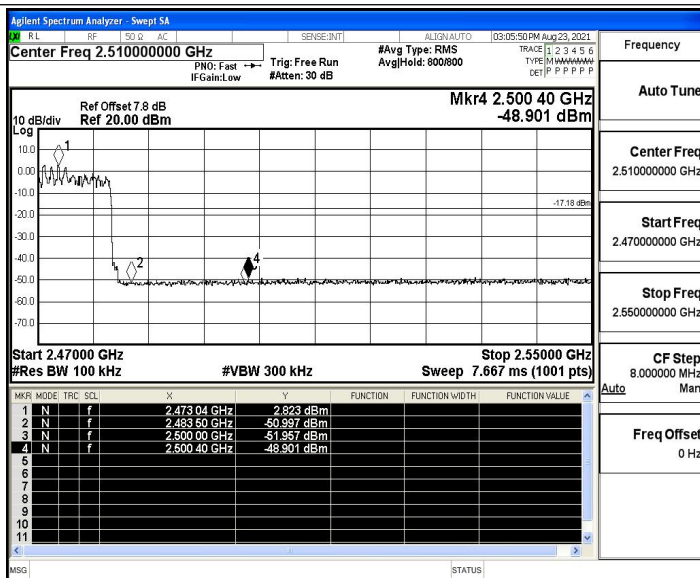
2DH5_Ant1_High_2480



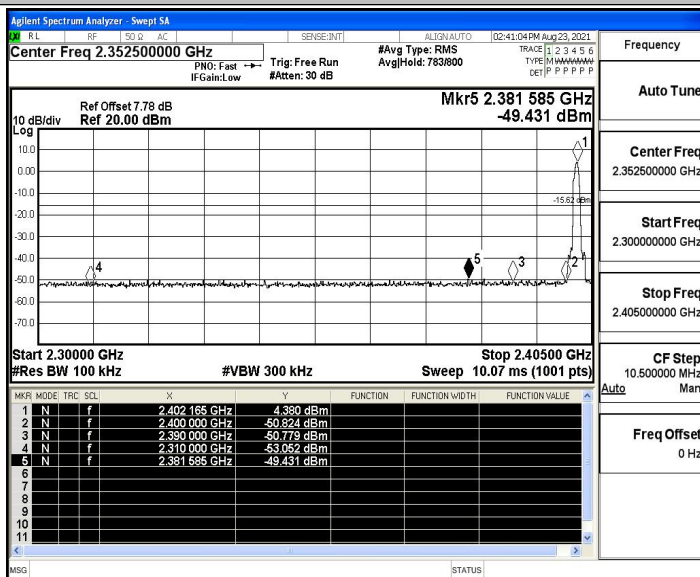
2DH5_Ant1_Low_Hop_2402



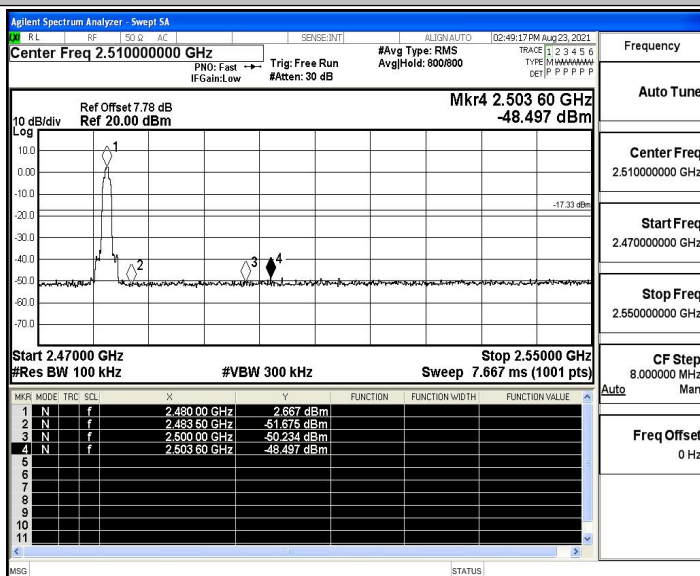
2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402

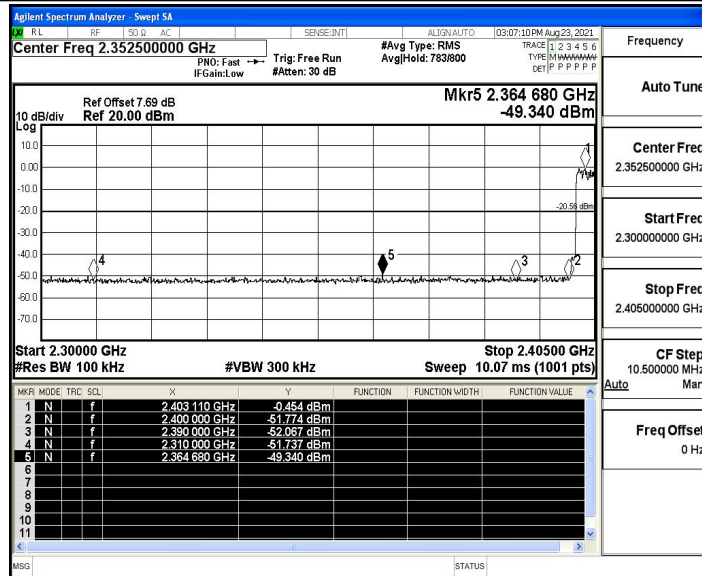


3DH5_Ant1_High_2480

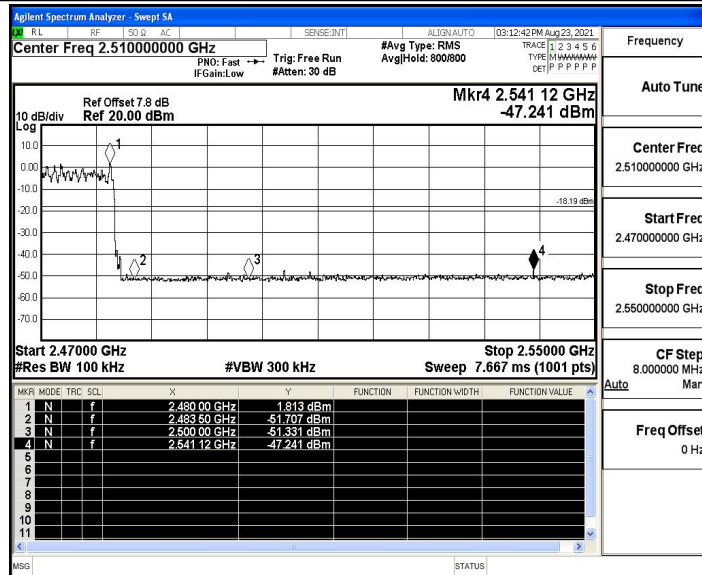




3DH5_Ant1_Low_Hop_2402



3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

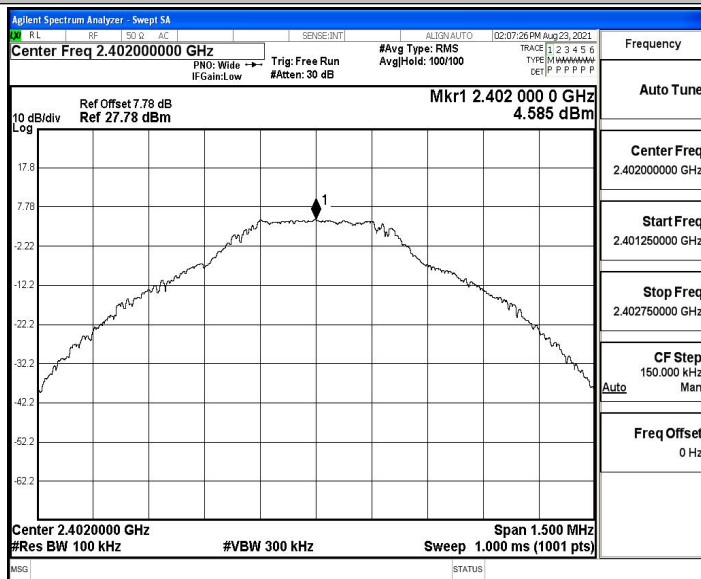
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	4.59	4.59	---	PASS
			30~1000	4.59	-61.59	≤ -15.42	PASS
			1000~26500	4.59	-47.01	≤ -15.42	PASS
		2441	Reference	5.04	5.04	---	PASS
			30~1000	5.04	-61.67	≤ -14.96	PASS
			1000~26500	5.04	-47.2	≤ -14.96	PASS
		2480	Reference	3.19	3.19	---	PASS
			30~1000	3.19	-61.8	≤ -16.81	PASS
			1000~26500	3.19	-47.2	≤ -16.81	PASS
2DH5	Ant1	2402	Reference	4.02	4.02	---	PASS
			30~1000	4.02	-60.93	≤ -15.98	PASS
			1000~26500	4.02	-47.51	≤ -15.98	PASS
		2441	Reference	3.55	3.55	---	PASS
			30~1000	3.55	-60.29	≤ -16.45	PASS
			1000~26500	3.55	-47.39	≤ -16.45	PASS
		2480	Reference	2.68	2.68	---	PASS
			30~1000	2.68	-61.84	≤ -17.33	PASS
			1000~26500	2.68	-47.69	≤ -17.33	PASS
3DH5	Ant1	2402	Reference	4.22	4.22	---	PASS
			30~1000	4.22	-61.4	≤ -15.78	PASS
			1000~26500	4.22	-46.66	≤ -15.78	PASS
		2441	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-61.51	≤ -16.1	PASS
			1000~26500	3.90	-47.34	≤ -16.1	PASS
		2480	Reference	-0.27	-0.27	---	PASS
			30~1000	-0.27	-61.98	≤ -20.27	PASS
			1000~26500	-0.27	-47.71	≤ -20.27	PASS

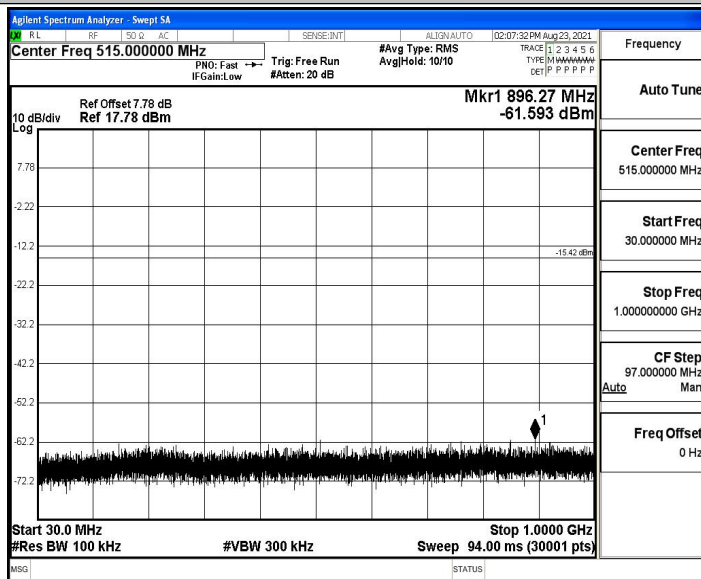


Test Graphs

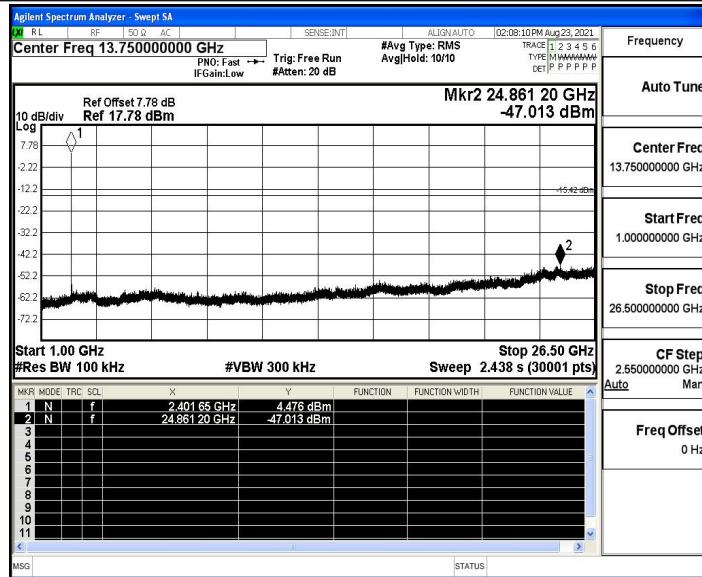
DH5_Ant1_2402_0~Reference



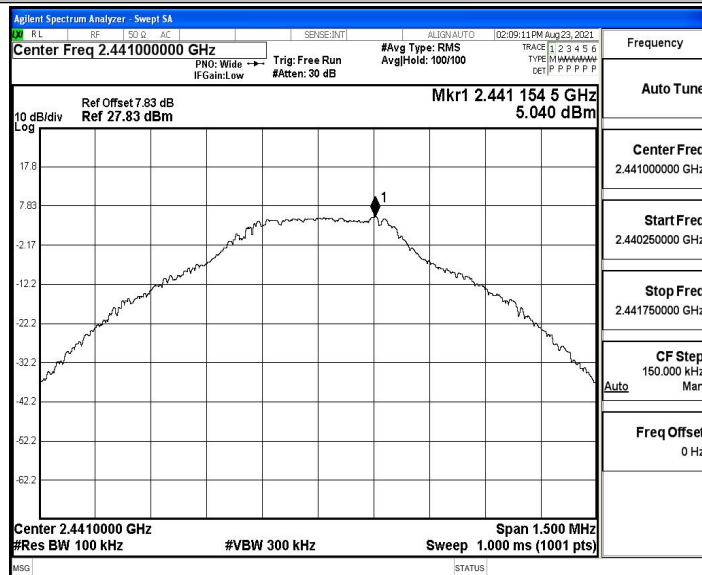
DH5_Ant1_2402_30~1000



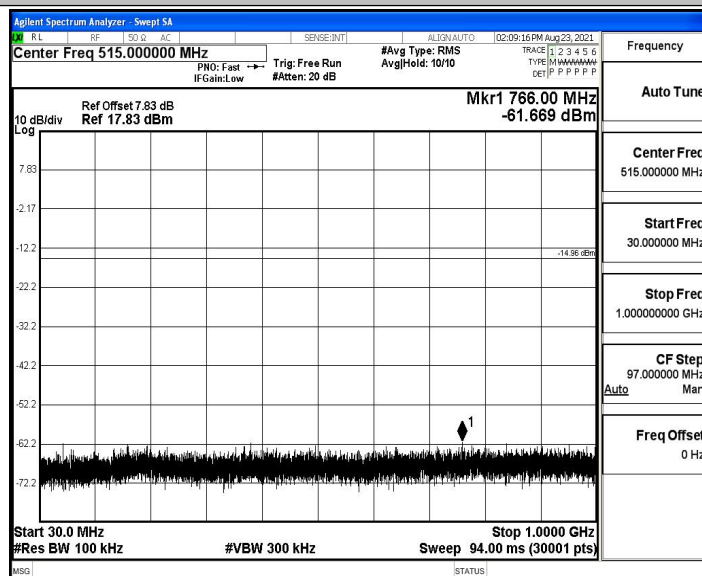
DH5_Ant1_2402_1000~26500



DH5_Ant1_2441_0~Reference

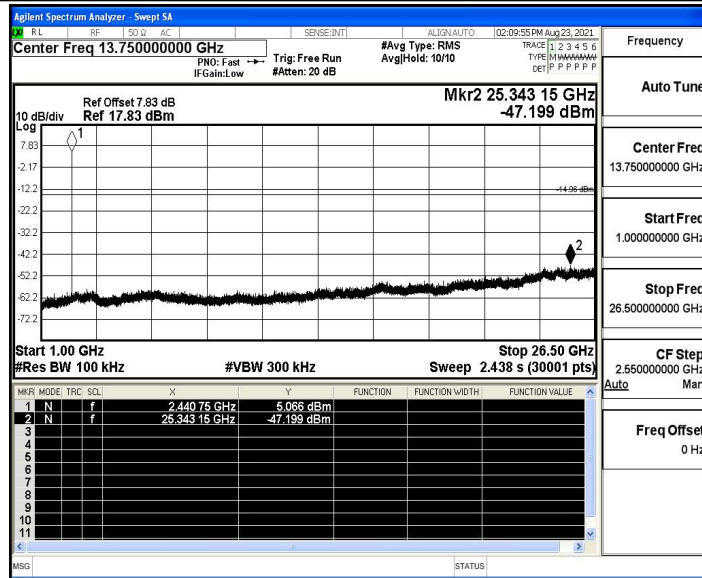


DH5_Ant1_2441_30~1000

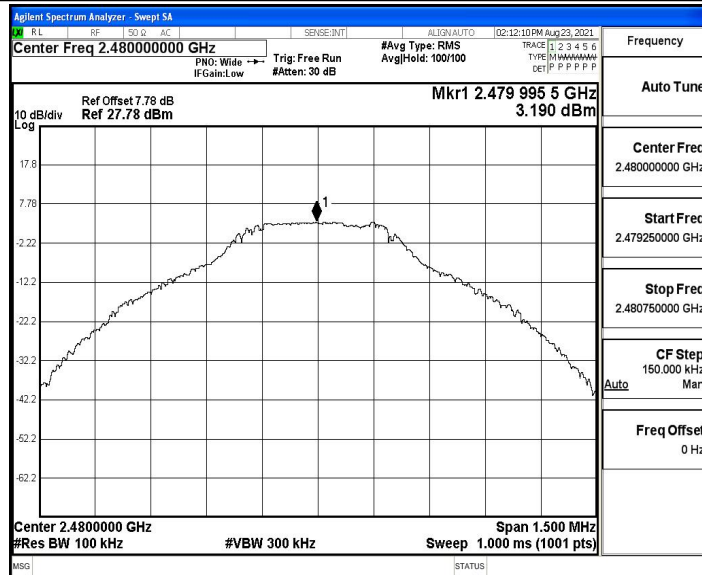




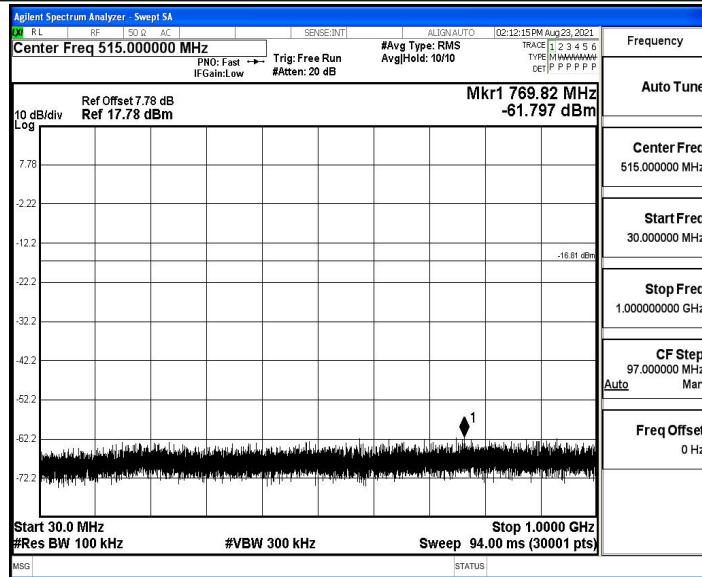
DH5_Ant1_2441_1000~26500



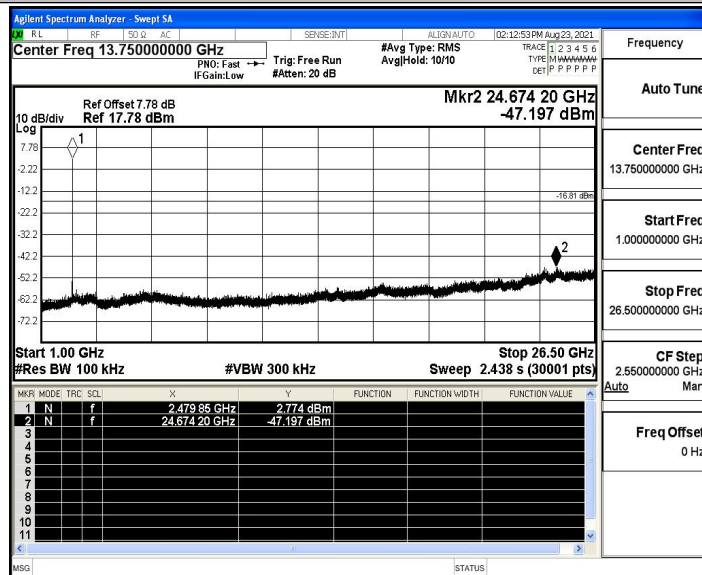
DH5_Ant1_2480_0~Reference



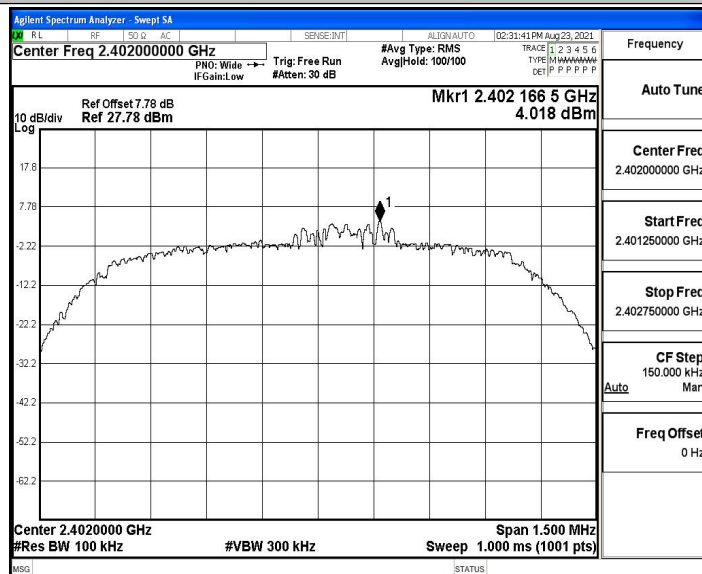
DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500

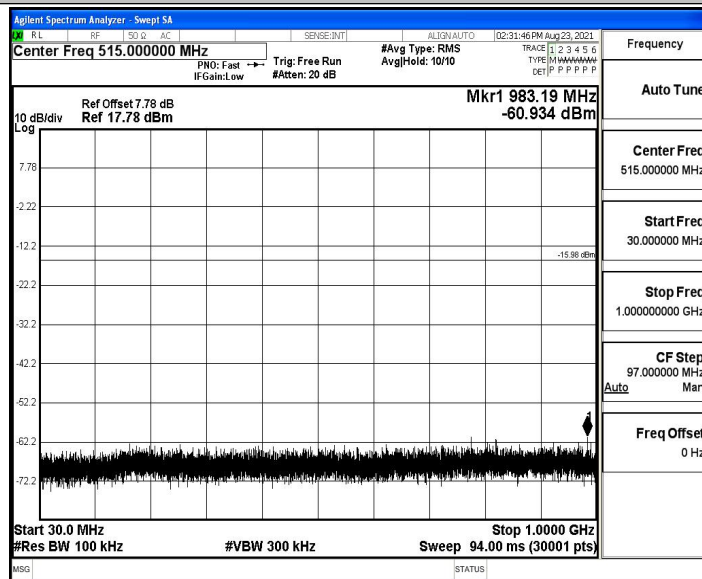


2DH5_Ant1_2402_0~Reference

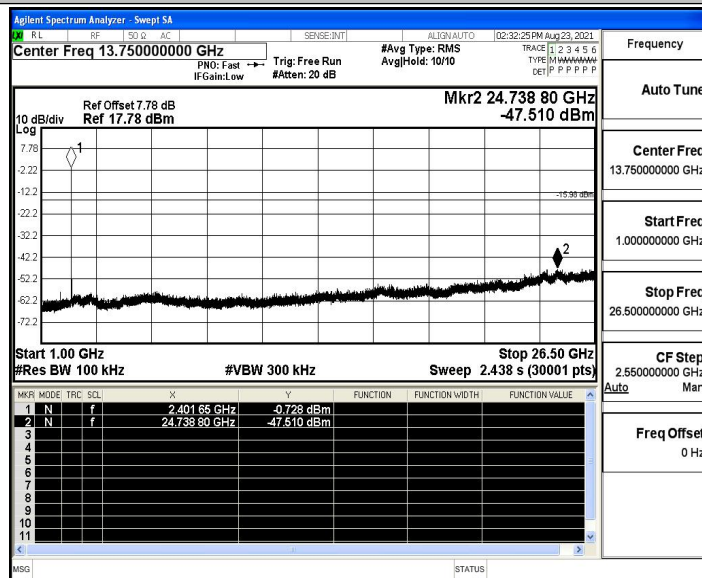




2DH5_Ant1_2402_30~1000



2DH5_Ant1_2402_1000~26500



2DH5_Ant1_2441_0~Reference

Agilent Spectrum Analyzer - Swept SA

RL RF SO G AC SENSE:INT ALIGN:AUTO 02:34:07 PM Aug 23, 2021

Center Freq 13.750000000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Avg Type: RMS Avg/Idb: 10/10

Trace 1 2 3 4 5 6 TYPE: BAWWAVEW DEL: P P P P P

Frequency

Auto Tune

Center Freq 13.750000000 GHz

Start Freq 1.000000000 GHz

Stop Freq 26.500000000 GHz

CF Step 2.550000000 GHz

Auto Man

Freq Offset 0 Hz

10 dB/div Ref Offset 7.83 dB Ref 17.83 dBm

Mkr2 24.748 15 GHz -47.385 dBm

Log

1

2

Start 1.00 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.438 s (30001 pts)

Stop 26.500 GHz

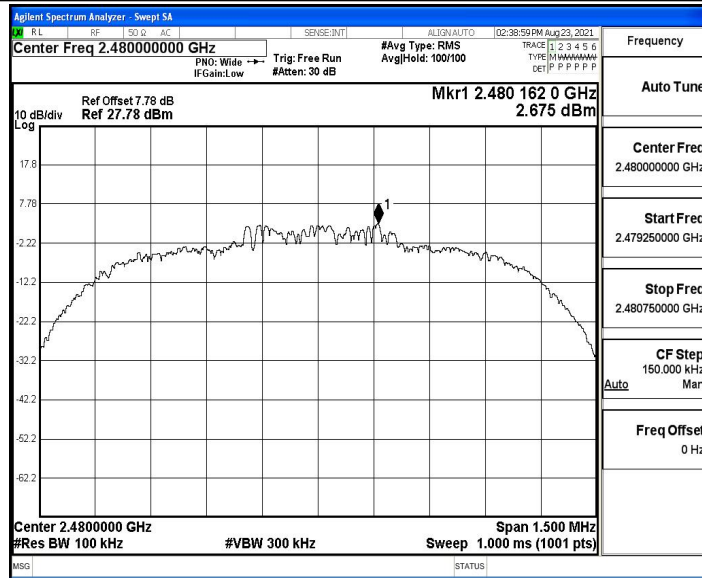
Mkr	Mode	TRC	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.440 75 GHz	2.051 dBm			
2	N	f		24.748 15 GHz	-47.385 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG

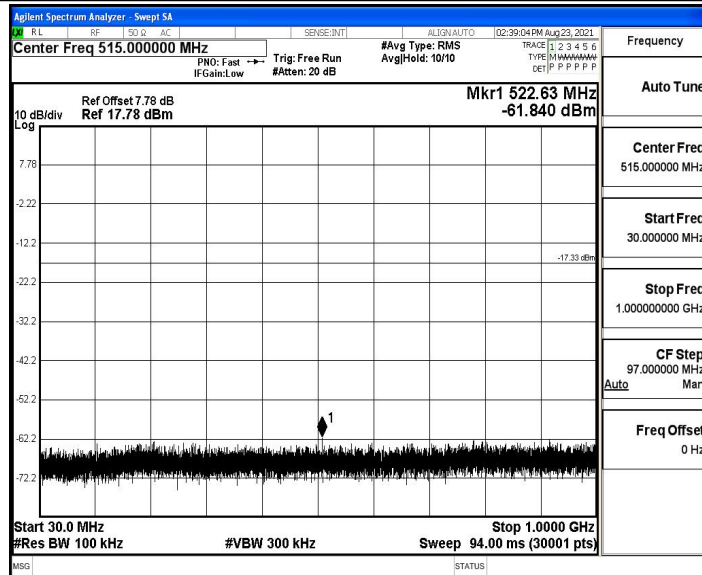
(STATUS)



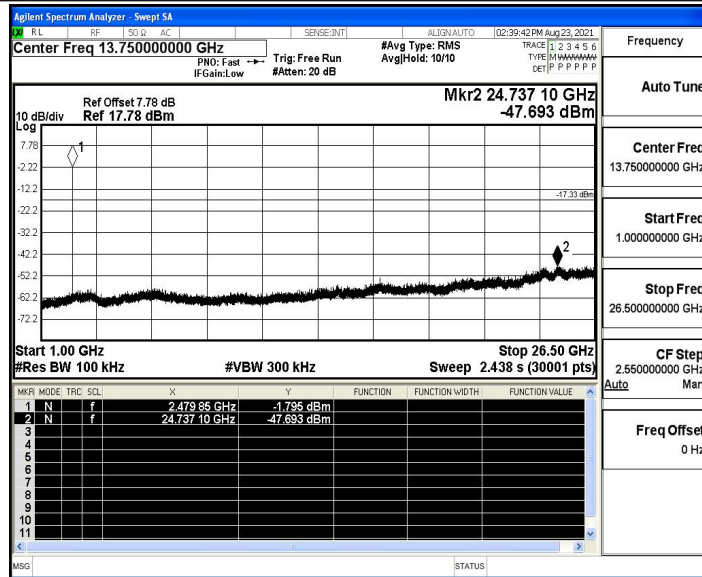
2DH5_Ant1_2480_0~Reference



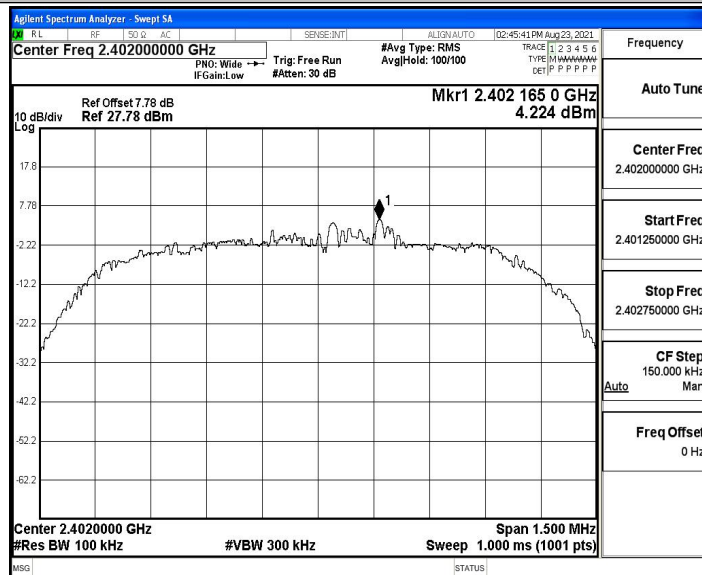
2DH5_Ant1_2480_30~1000



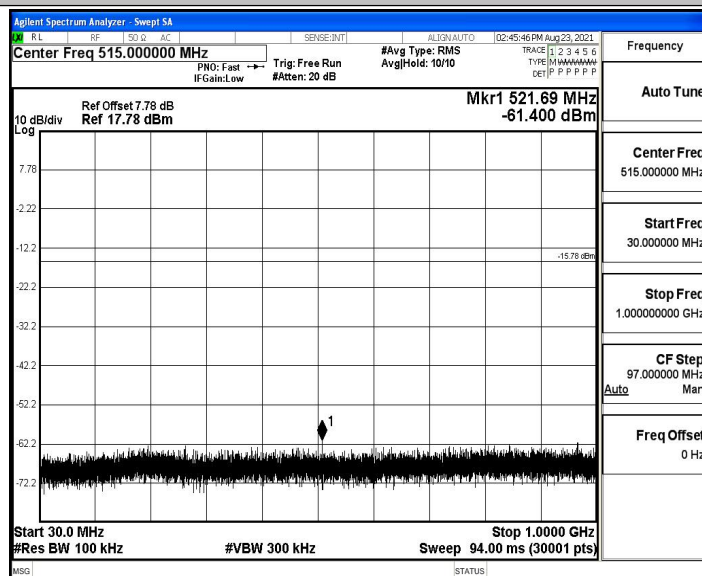
2DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference

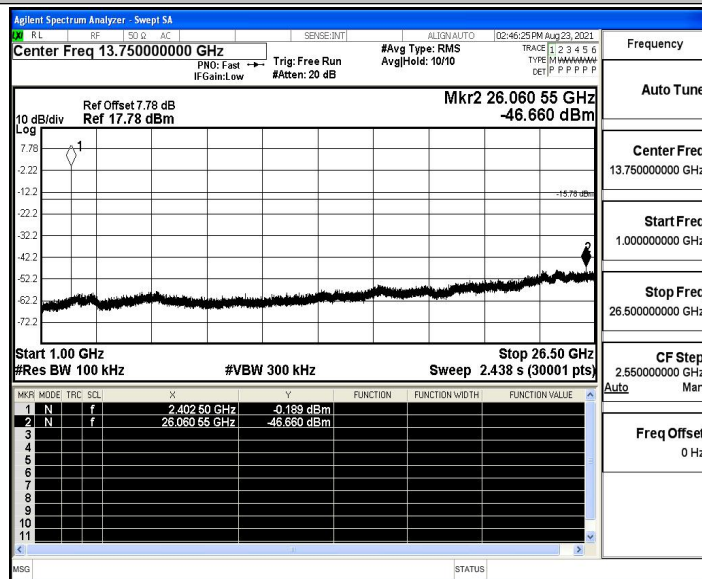


3DH5_Ant1_2402_30~1000

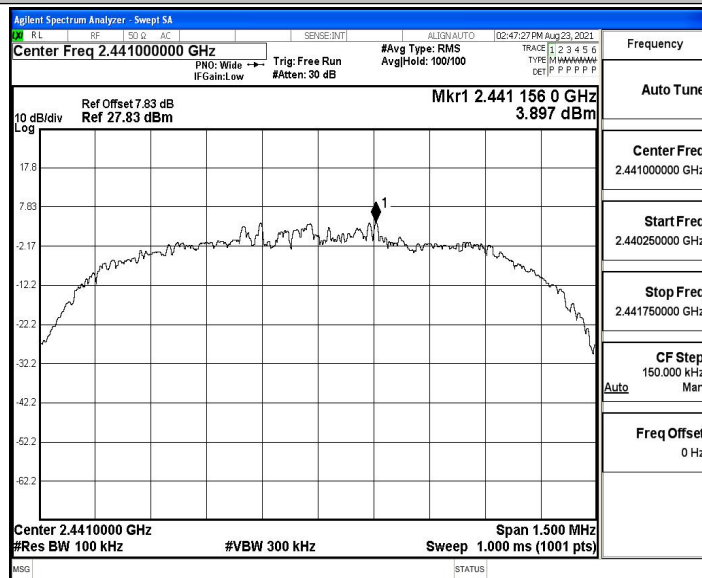




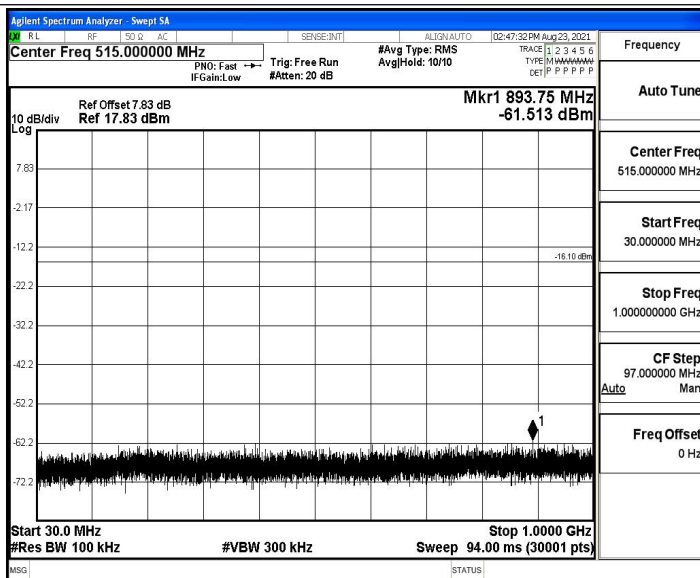
3DH5_Ant1_2402_1000~26500



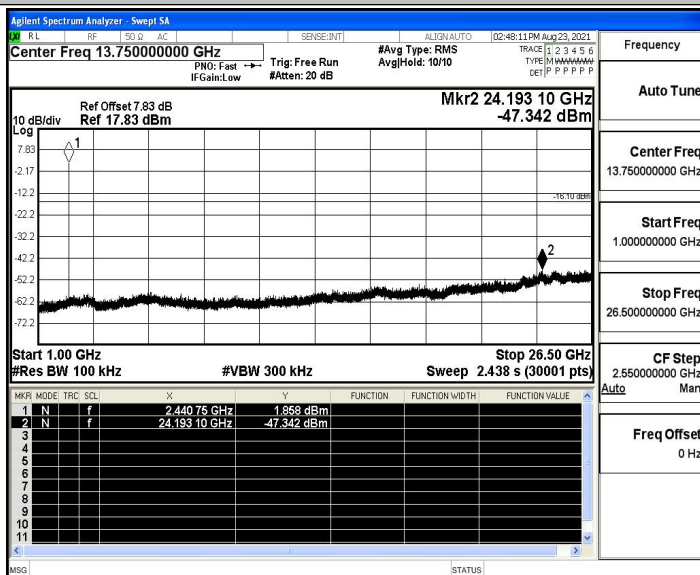
3DH5_Ant1_2441_0~Reference



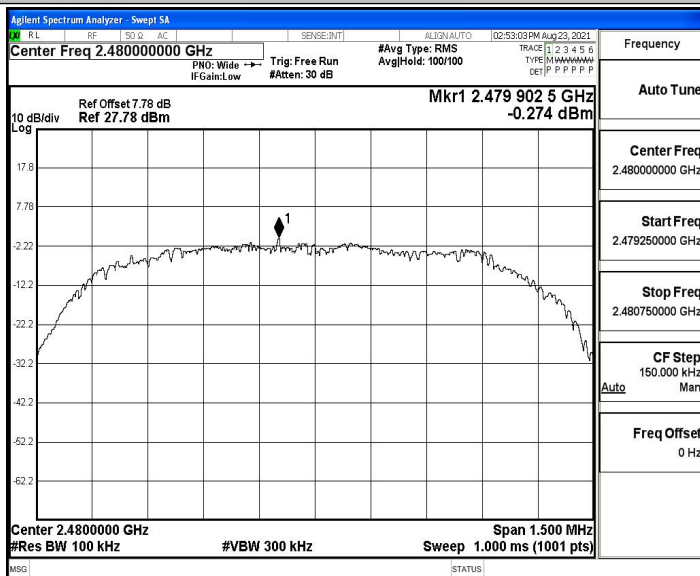
3DH5_Ant1_2441_30~1000



3DH5_Ant1_2441_1000~26500

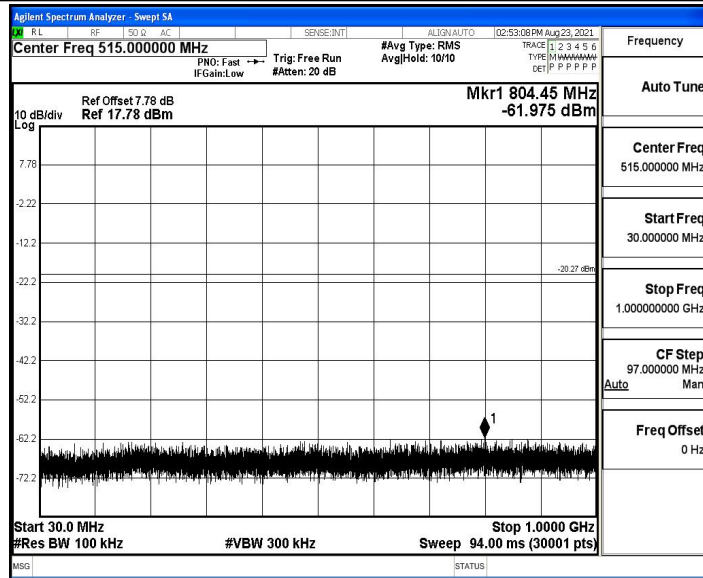


3DH5_Ant1_2480_0~Reference

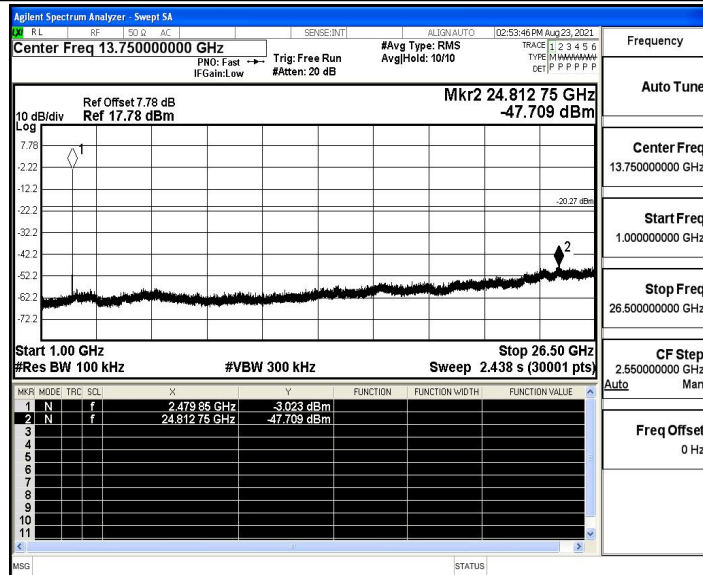




3DH5_Ant1_2480_30~1000



3DH5_Ant1_2480_1000~26500





A.8 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-48.9	≤-41.20	46.30	≤54	PASS
				AV	2389.250	-48.43	≤-41.20	46.77	≤54	PASS
				AV	2390.000	-48.53	≤-41.20	46.67	≤54	PASS
				Peak	2310.000	-39.28	≤-21.20	55.92	≤74	PASS
				Peak	2385.890	-38.03	≤-21.20	57.17	≤74	PASS
				Peak	2390.000	-40.07	≤-21.20	55.13	≤74	PASS
		High	2480	AV	2483.500	-48.24	≤-41.20	46.96	≤54	PASS
				AV	2498.560	-47.91	≤-41.20	47.29	≤54	PASS
				AV	2500.000	-48.01	≤-41.20	47.19	≤54	PASS
				Peak	2483.500	-38.13	≤-21.20	57.07	≤74	PASS
				Peak	2483.520	-38.13	≤-21.20	57.07	≤74	PASS
				Peak	2500.000	-39.77	≤-21.20	55.43	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.31	≤-21.20	54.89	≤74	PASS
				Peak	2357.330	-38.03	≤-21.20	57.17	≤74	PASS
				Peak	2390.000	-40.28	≤-21.20	54.92	≤74	PASS
		High	Hop_2480	Peak	2483.500	-40.4	≤-21.20	54.80	≤74	PASS
				Peak	2484.880	-38	≤-21.20	57.20	≤74	PASS
				Peak	2500.000	-40.14	≤-21.20	55.06	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49	≤-41.20	46.20	≤54	PASS
				AV	2386.835	-48.45	≤-41.20	46.75	≤54	PASS
				AV	2390.000	-48.56	≤-41.20	46.64	≤54	PASS
				Peak	2310.000	-40.3	≤-21.20	54.90	≤74	PASS
				Peak	2328.245	-38.13	≤-21.20	57.07	≤74	PASS
				Peak	2390.000	-38.8	≤-21.20	56.40	≤74	PASS
		High	2480	AV	2483.500	-47.62	≤-41.20	47.58	≤54	PASS
				AV	2483.520	-47.62	≤-41.20	47.58	≤54	PASS
				AV	2500.000	-47.96	≤-41.20	47.24	≤54	PASS
				Peak	2483.500	-40.02	≤-21.20	55.18	≤74	PASS
				Peak	2498.400	-37.55	≤-21.20	57.65	≤74	PASS
				Peak	2500.000	-39.82	≤-21.20	55.38	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.88	≤-21.20	54.32	≤74	PASS
				Peak	2348.090	-38.17	≤-21.20	57.03	≤74	PASS
				Peak	2390.000	-40.74	≤-21.20	54.46	≤74	PASS
		High	Hop_2480	Peak	2483.500	-39.56	≤-21.20	55.64	≤74	PASS
				Peak	2496.400	-36.94	≤-21.20	58.26	≤74	PASS
				Peak	2500.000	-39.13	≤-21.20	56.07	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-48.95	≤-41.20	46.25	≤54	PASS



				AV	2389.775	-48.39	≤-41.20	46.81	≤54	PASS
				AV	2390.000	-48.5	≤-41.20	46.70	≤54	PASS
				Peak	2310.000	-39.97	≤-21.20	55.23	≤74	PASS
				Peak	2355.125	-37.46	≤-21.20	57.74	≤74	PASS
				Peak	2390.000	-39.74	≤-21.20	55.46	≤74	PASS
		High	2480	AV	2483.500	-47.52	≤-41.20	47.68	≤54	PASS
				AV	2483.520	-47.52	≤-41.20	47.68	≤54	PASS
				AV	2500.000	-47.97	≤-41.20	47.23	≤54	PASS
				Peak	2483.500	-40.08	≤-21.20	55.12	≤74	PASS
				Peak	2485.600	-37.78	≤-21.20	57.42	≤74	PASS
				Peak	2500.000	-39.65	≤-21.20	55.55	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-40.88	≤-21.20	54.32	≤74	PASS
				Peak	2388.200	-38.34	≤-21.20	56.86	≤74	PASS
				Peak	2390.000	-39.72	≤-21.20	55.48	≤74	PASS
		High	Hop_2480	Peak	2483.500	-40.05	≤-21.20	55.15	≤74	PASS
				Peak	2488.960	-37.33	≤-21.20	57.87	≤74	PASS
				Peak	2500.000	-37.86	≤-21.20	57.34	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. 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.