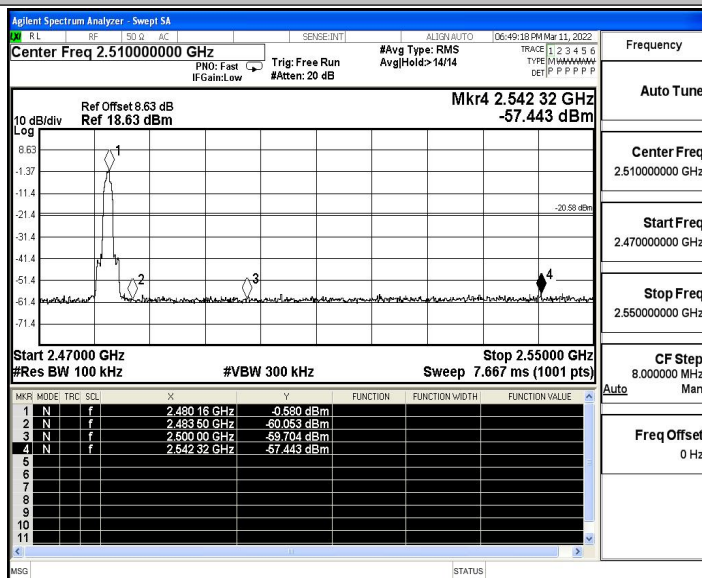
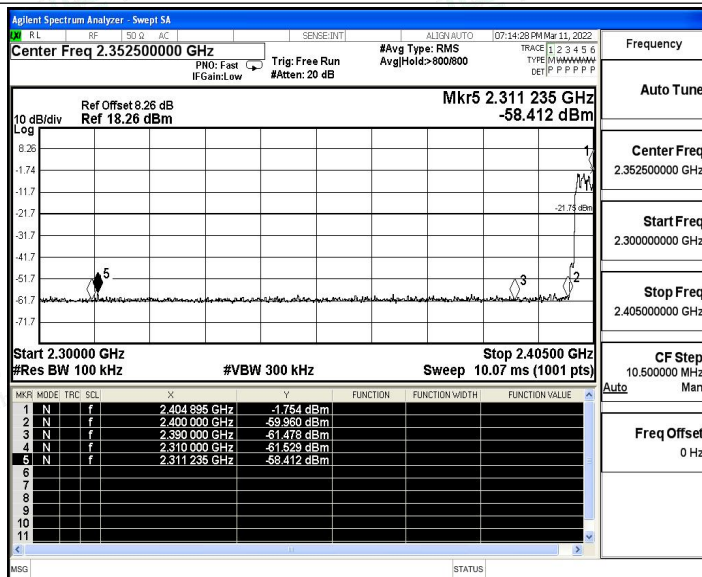


3DH5_Ant1_High_2480

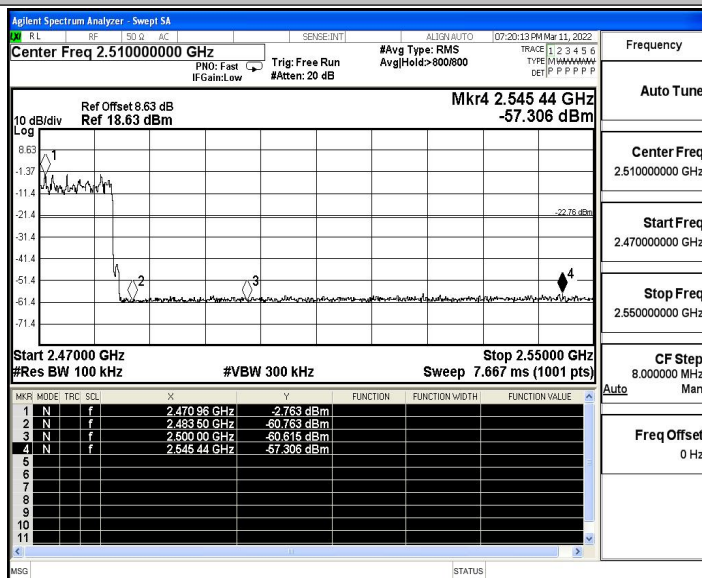


3DH5_Ant1_Low_Hop_2402





3DH5_Ant1_High_Hop_2480





A.7 Conducted Spurious Emission

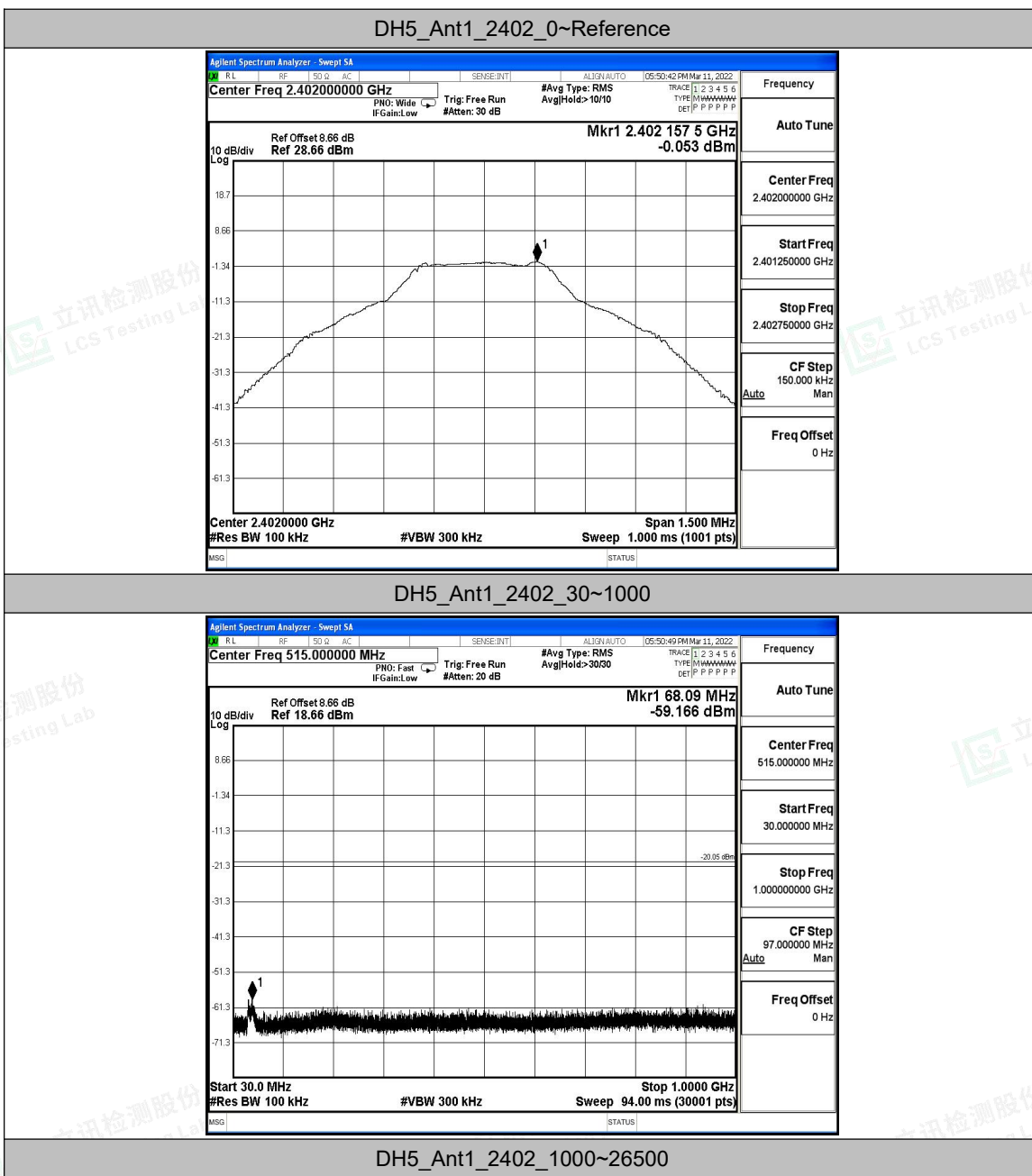
Test Result

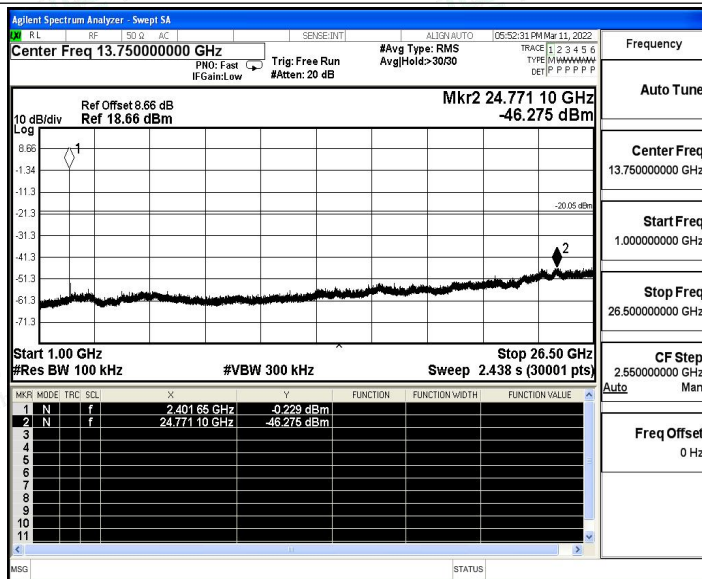
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	-0.05	-0.05	---	PASS
			30~1000	-0.05	-59.17	≤-20.05	PASS
			1000~26500	-0.05	-46.28	≤-20.05	PASS
		2441	Reference	-0.57	-0.57	---	PASS
			30~1000	-0.57	-57.62	≤-20.57	PASS
			1000~26500	-0.57	-45.77	≤-20.57	PASS
		2480	Reference	-0.51	-0.51	---	PASS
			30~1000	-0.51	-57.45	≤-20.51	PASS
			1000~26500	-0.51	-45.98	≤-20.51	PASS
2DH5	Ant1	2402	Reference	-0.62	-0.62	---	PASS
			30~1000	-0.62	-55.97	≤-20.62	PASS
			1000~26500	-0.62	-46.16	≤-20.62	PASS
		2441	Reference	-1.08	-1.08	---	PASS
			30~1000	-1.08	-57.8	≤-21.08	PASS
			1000~26500	-1.08	-46.46	≤-21.08	PASS
		2480	Reference	-0.95	-0.95	---	PASS
			30~1000	-0.95	-57.66	≤-20.95	PASS
			1000~26500	-0.95	-45.21	≤-20.95	PASS
3DH5	Ant1	2402	Reference	-0.44	-0.44	---	PASS
			30~1000	-0.44	-57.81	≤-20.44	PASS
			1000~26500	-0.44	-46.25	≤-20.44	PASS
		2441	Reference	-0.62	-0.62	---	PASS
			30~1000	-0.62	-41.29	≤-20.62	PASS
			1000~26500	-0.62	-46.03	≤-20.62	PASS
		2480	Reference	-0.75	-0.75	---	PASS
			30~1000	-0.75	-57.06	≤-20.75	PASS
			1000~26500	-0.75	-45.35	≤-20.75	PASS



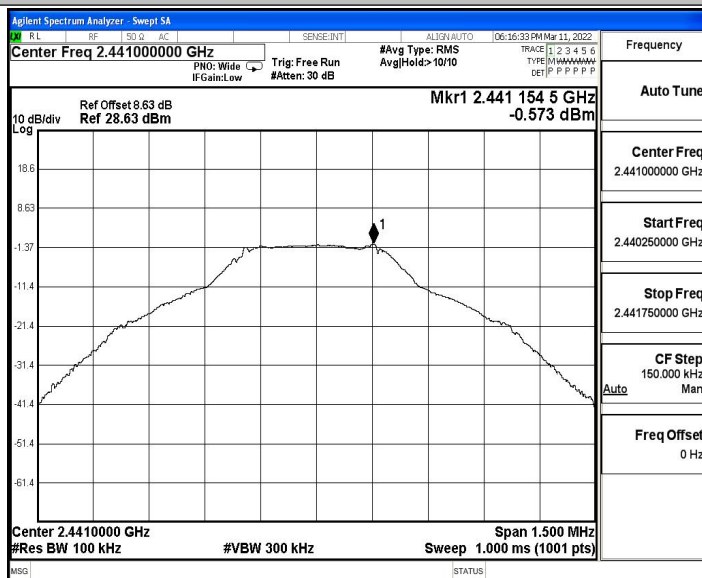


Test Graphs



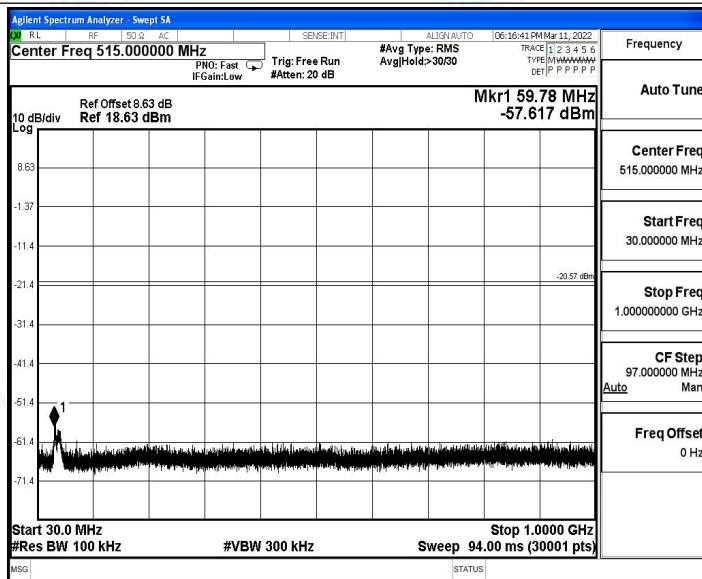


DH5_Ant1_2441_0~Reference

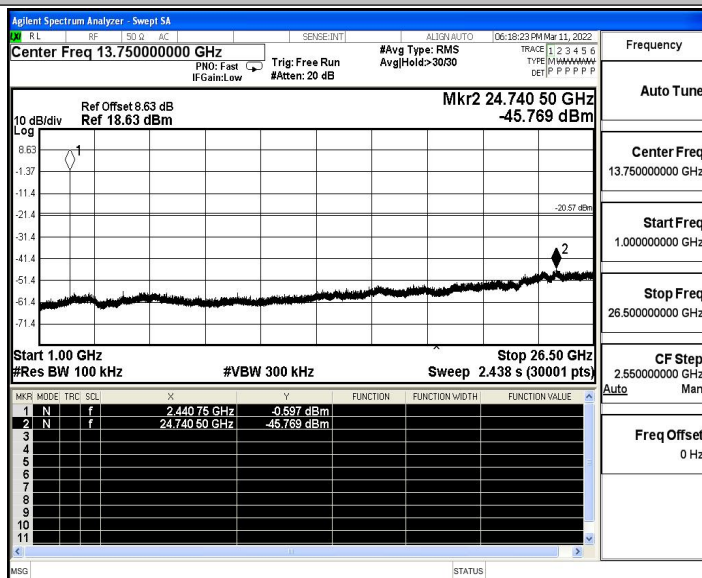


DH5_Ant1_2441_30~1000



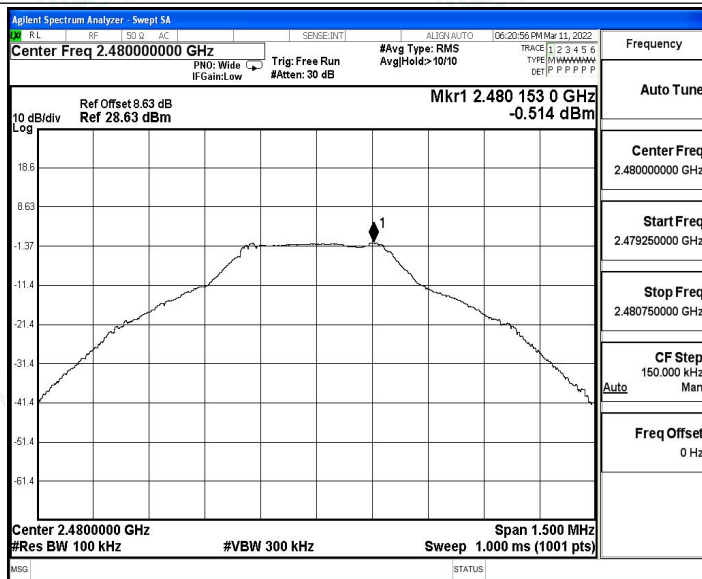


DH5_Ant1_2441_1000~26500

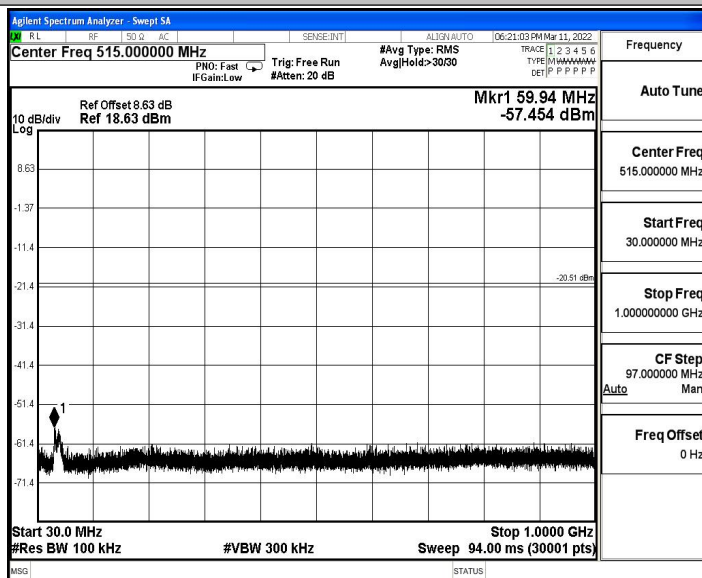


DH5_Ant1_2480_0~Reference



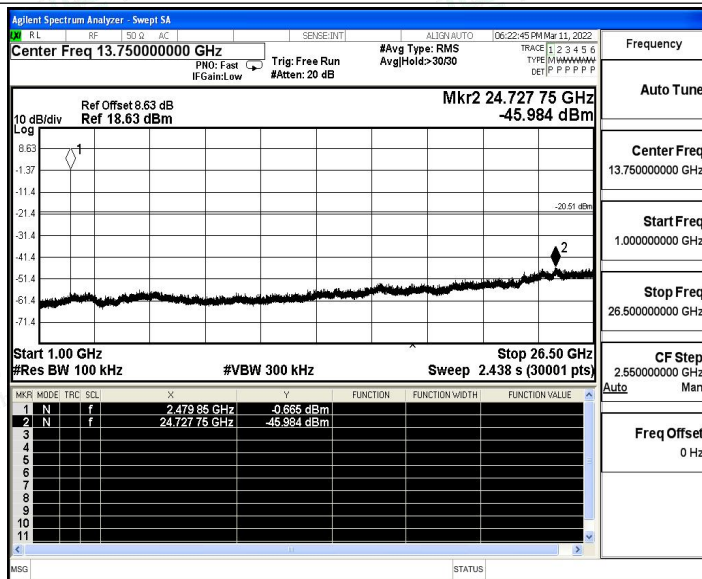


DH5_Ant1_2480_30~1000

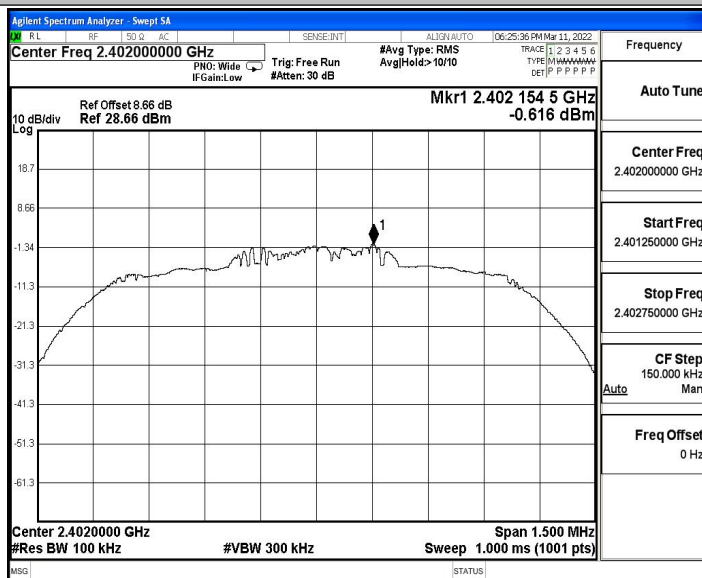


DH5_Ant1_2480_1000~26500



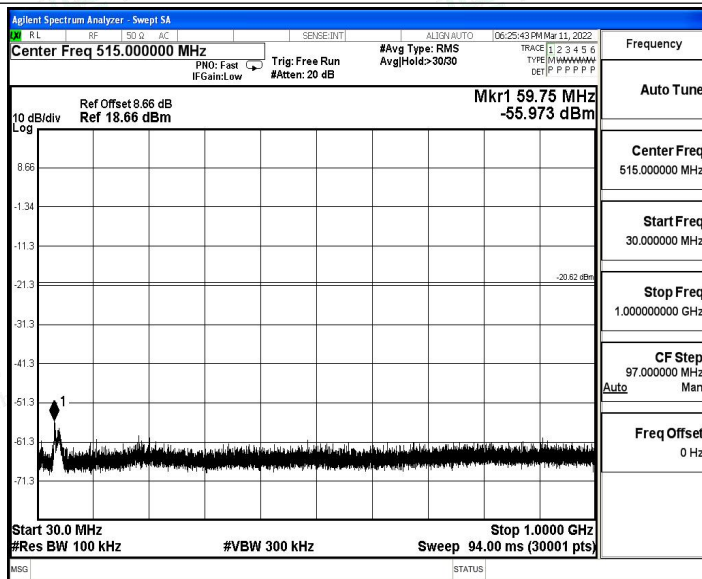


2DH5_Ant1_2402_0~Reference

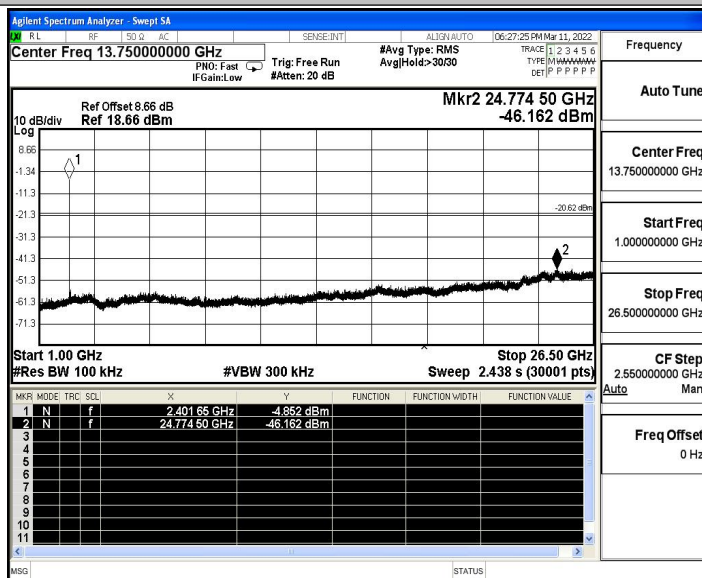


2DH5_Ant1_2402_30~1000



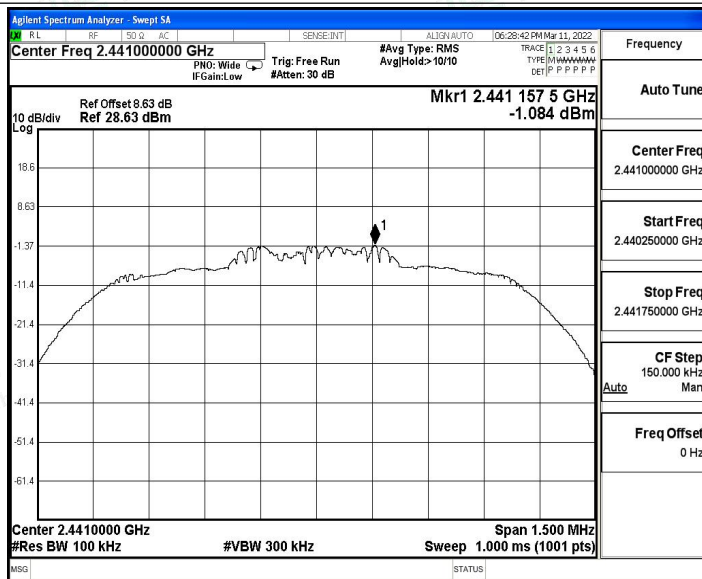


2DH5_Ant1_2402_1000~26500

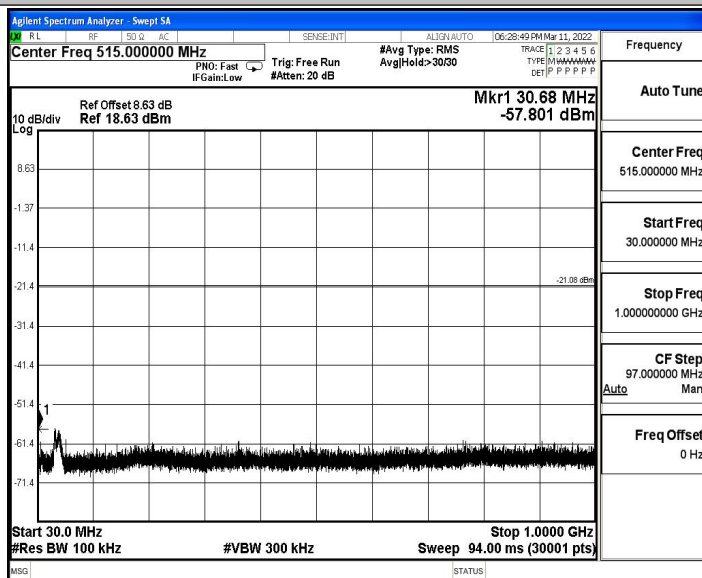


2DH5_Ant1_2441_0~Reference



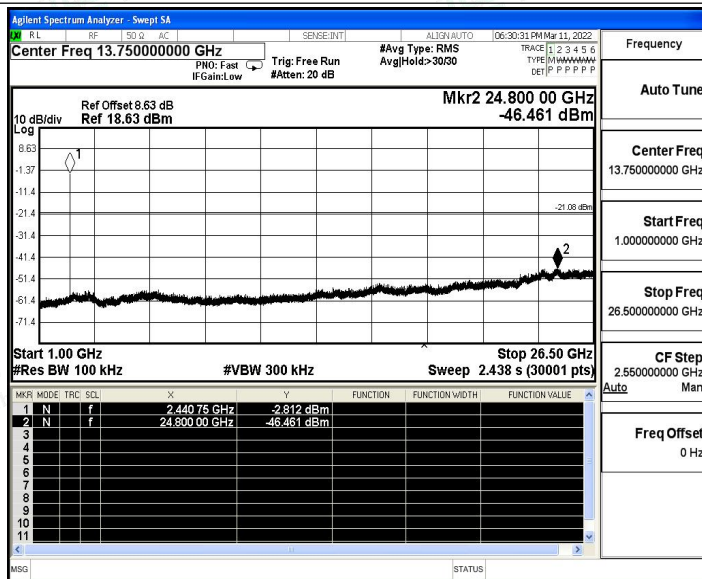


2DH5_Ant1_2441_30~1000

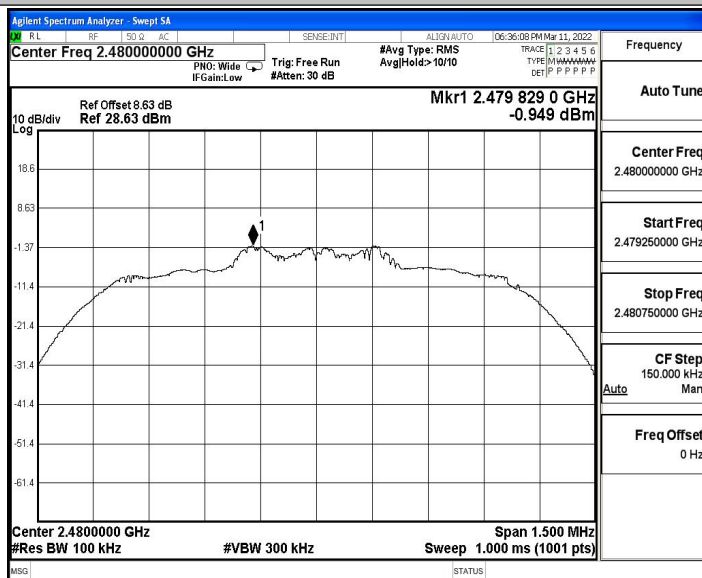


2DH5_Ant1_2441_1000~26500



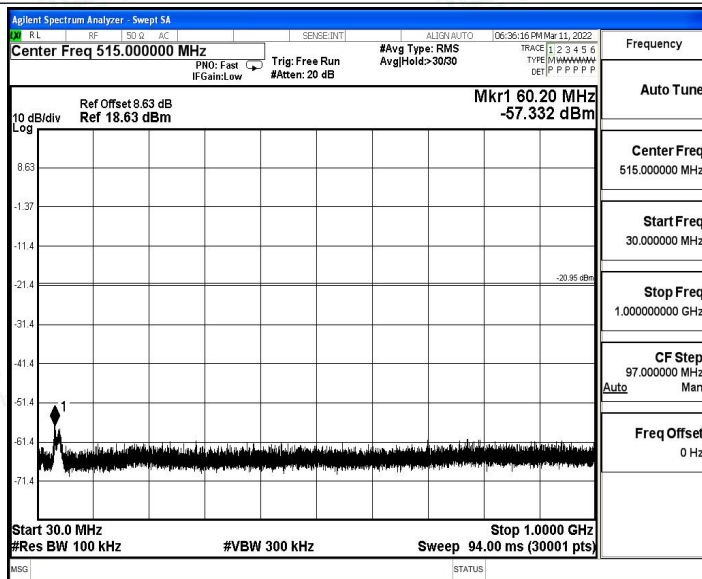


2DH5_Ant1_2480_0~Reference

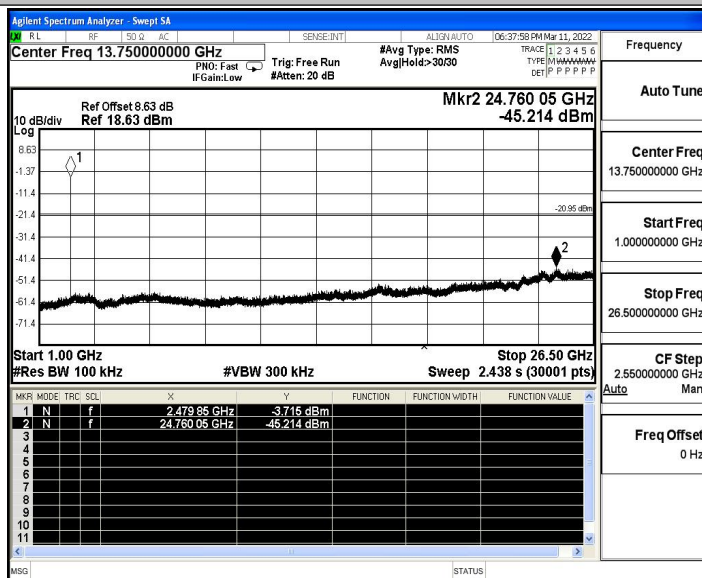


2DH5_Ant1_2480_30~1000



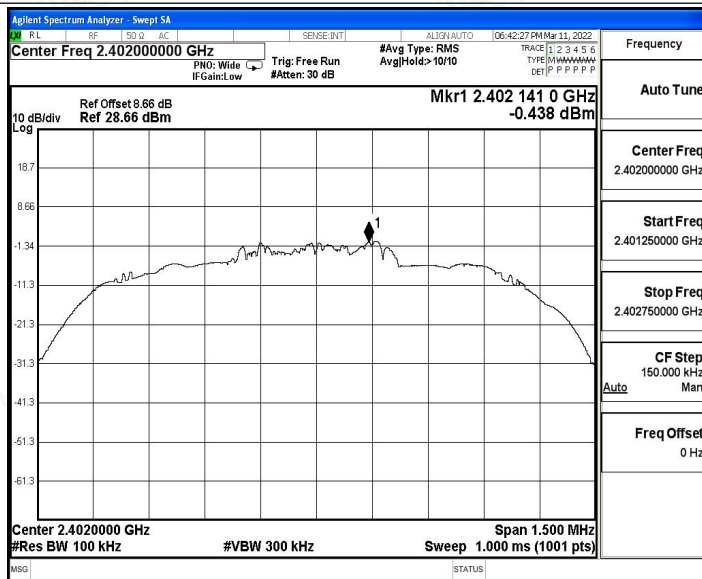


2DH5_Ant1_2480_1000~26500

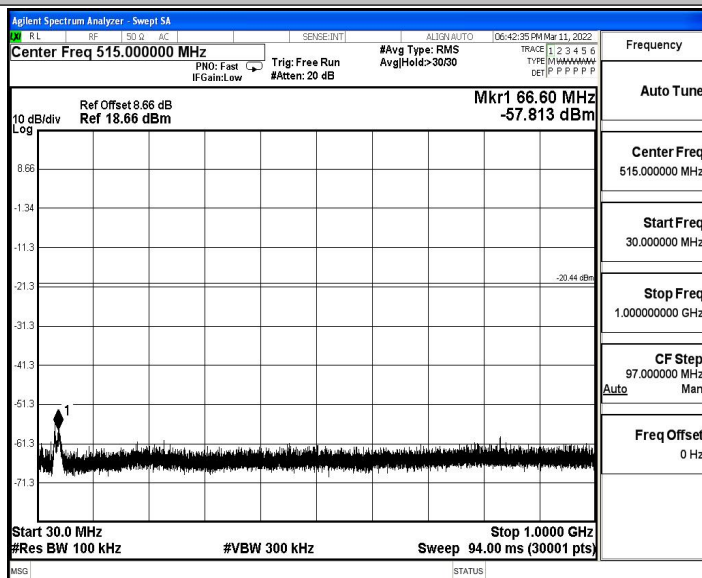


3DH5_Ant1_2402_0~Reference



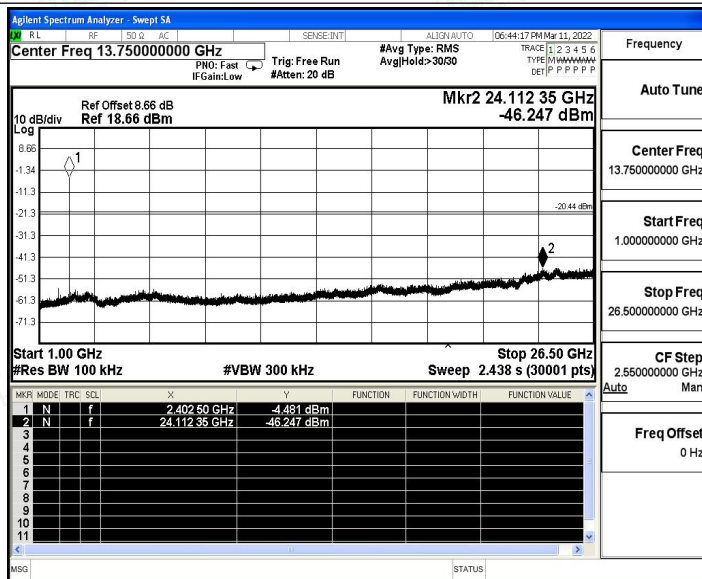


3DH5_Ant1_2402_30~1000

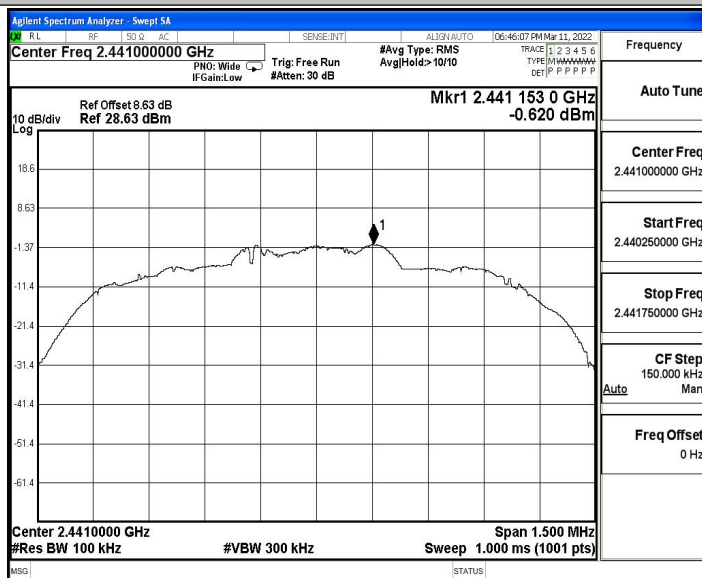


3DH5_Ant1_2402_1000~26500



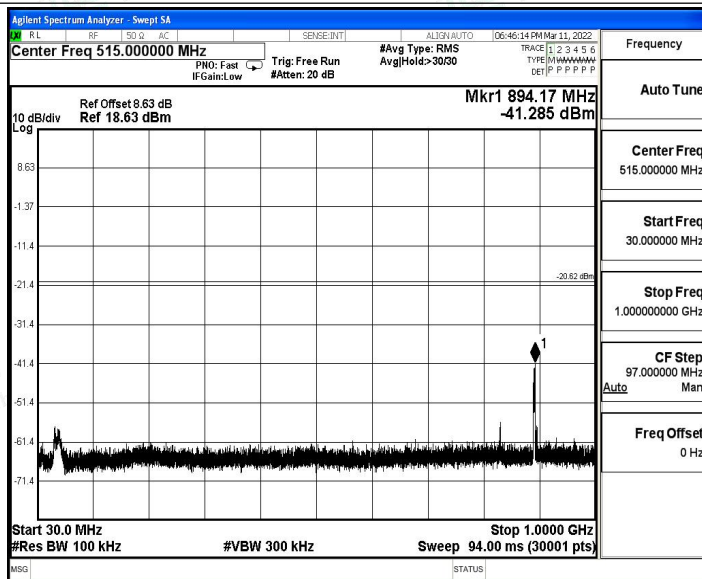


3DH5_Ant1_2441_0~Reference

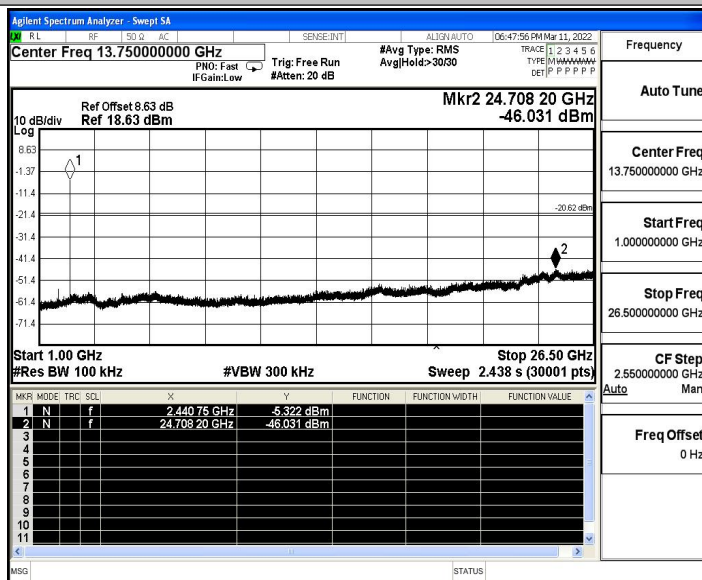


3DH5_Ant1_2441_30~1000



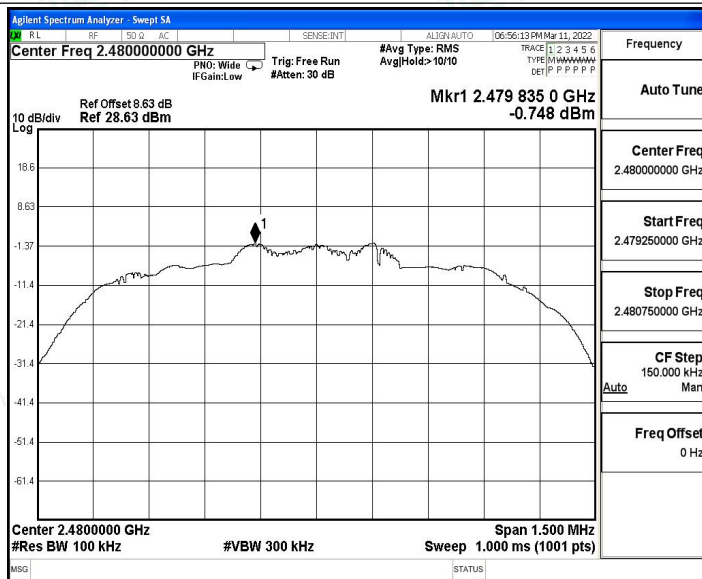


3DH5_Ant1_2441_1000~26500

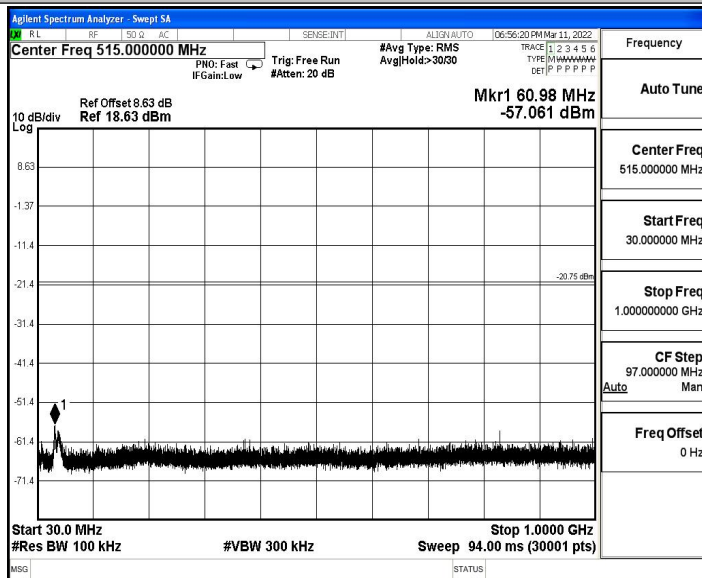


3DH5_Ant1_2480_0~Reference



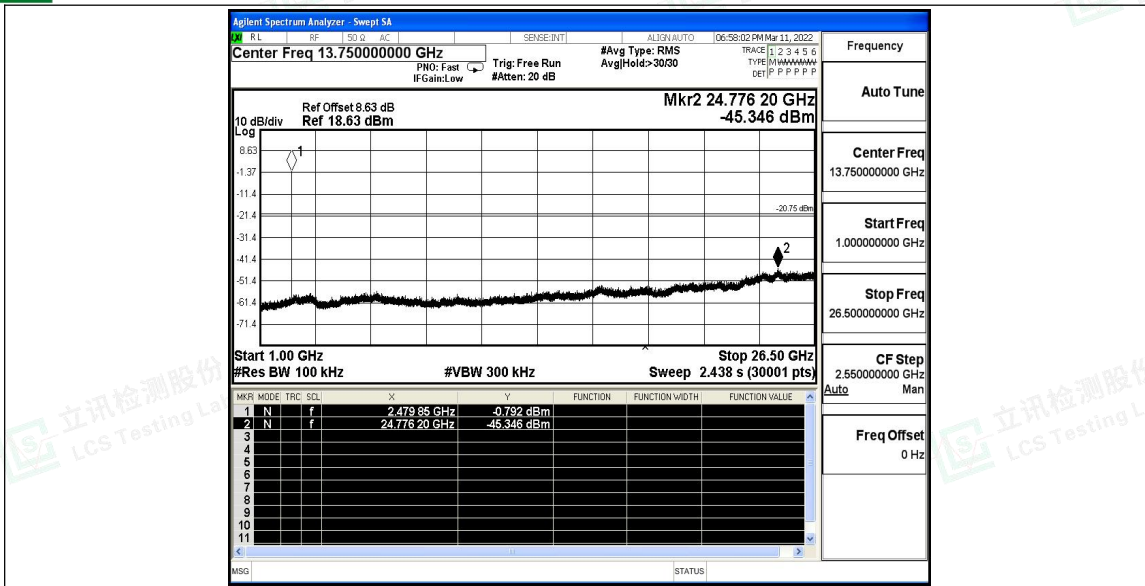


3DH5_Ant1_2480_30~1000



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	-57.97	≤-41.20	37.23	≤54	PASS		
				AV	2385.890	-57.54	≤-41.20	37.66	≤54	PASS		
				AV	2390.000	-57.69	≤-41.20	37.51	≤54	PASS		
				Peak	2310.000	-48.95	≤-21.20	46.25	≤74	PASS		
				Peak	2379.800	-46.11	≤-21.20	49.09	≤74	PASS		
				Peak	2390.000	-48.5	≤-21.20	46.70	≤74	PASS		
		High	2480	AV	2483.500	-55.69	≤-41.20	39.51	≤54	PASS		
				AV	2483.520	-55.69	≤-41.20	39.51	≤54	PASS		
				AV	2500.000	-57.21	≤-41.20	37.99	≤54	PASS		
				Peak	2483.500	-48.23	≤-21.20	46.97	≤74	PASS		
				Peak	2483.760	-42.72	≤-21.20	52.48	≤74	PASS		
				Peak	2500.000	-48.1	≤-21.20	47.10	≤74	PASS		
		Low	Hop_24 02	Peak	2310.000	-49.24	≤-21.20	45.96	≤74	PASS		
				Peak	2359.535	-46.69	≤-21.20	48.51	≤74	PASS		
				Peak	2390.000	-48.06	≤-21.20	47.14	≤74	PASS		
		High	Hop_24 80	Peak	2483.500	-41.61	≤-21.20	53.59	≤74	PASS		
				Peak	2485.280	-33.05	≤-21.20	62.15	≤74	PASS		
				Peak	2500.000	-47.6	≤-21.20	47.60	≤74	PASS		
		2DH5	Ant1	Low	2402	AV	2310.000	-58.12	≤-41.20	37.08	≤54	PASS
						AV	2389.775	-57.52	≤-41.20	37.68	≤54	PASS
						AV	2390.000	-57.61	≤-41.20	37.59	≤54	PASS
Peak	2310.000					-48.05	≤-21.20	47.15	≤74	PASS		
Peak	2378.645					-46.32	≤-21.20	48.88	≤74	PASS		
Peak	2390.000					-48.28	≤-21.20	46.92	≤74	PASS		
High	2480			AV	2483.500	-55.33	≤-41.20	39.87	≤54	PASS		
				AV	2483.520	-55.33	≤-41.20	39.87	≤54	PASS		
				AV	2500.000	-57.2	≤-41.20	38.00	≤54	PASS		
				Peak	2483.500	-47.74	≤-21.20	47.46	≤74	PASS		
				Peak	2486.160	-44.86	≤-21.20	50.34	≤74	PASS		
				Peak	2500.000	-46.94	≤-21.20	48.26	≤74	PASS		
Low	Hop_24 02			Peak	2310.000	-49.6	≤-21.20	45.60	≤74	PASS		
				Peak	2367.515	-46.68	≤-21.20	48.52	≤74	PASS		
				Peak	2390.000	-48.28	≤-21.20	46.92	≤74	PASS		
High	Hop_24 80			Peak	2483.500	-39.53	≤-21.20	55.67	≤74	PASS		
				Peak	2484.480	-33.59	≤-21.20	61.61	≤74	PASS		



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Scan code to check authenticity



3DH5	Ant1	Low	2402	Peak	2500.000	-47.16	≤-21.20	48.04	≤74	PASS		
				AV	2310.000	-58.04	≤-41.20	37.16	≤54	PASS		
				AV	2388.515	-57.33	≤-41.20	37.87	≤54	PASS		
				AV	2390.000	-57.6	≤-41.20	37.60	≤54	PASS		
				Peak	2310.000	-48.85	≤-21.20	46.35	≤74	PASS		
				Peak	2375.705	-46.11	≤-21.20	49.09	≤74	PASS		
		High	2480	Peak	2390.000	-47.25	≤-21.20	47.95	≤74	PASS		
				AV	2483.500	-55.23	≤-41.20	39.97	≤54	PASS		
				AV	2483.520	-55.23	≤-41.20	39.97	≤54	PASS		
				AV	2500.000	-57.05	≤-41.20	38.15	≤54	PASS		
				Peak	2483.500	-46.34	≤-21.20	48.86	≤74	PASS		
				Peak	2486.080	-46.31	≤-21.20	48.89	≤74	PASS		
		Low	Hop_24 02	Peak	2500.000	-48.19	≤-21.20	47.01	≤74	PASS		
				Peak	2310.000	-49.68	≤-21.20	45.52	≤74	PASS		
				Peak	2389.670	-46.64	≤-21.20	48.56	≤74	PASS		
		High	Hop_24 80	Peak	2390.000	-47.41	≤-21.20	47.79	≤74	PASS		
				Peak	2483.500	-47.7	≤-21.20	47.50	≤74	PASS		
				Peak	2491.680	-46.27	≤-21.20	48.93	≤74	PASS		
						Peak	2500.000	-47.49	≤-21.20	47.71	≤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.





Test Graphs

