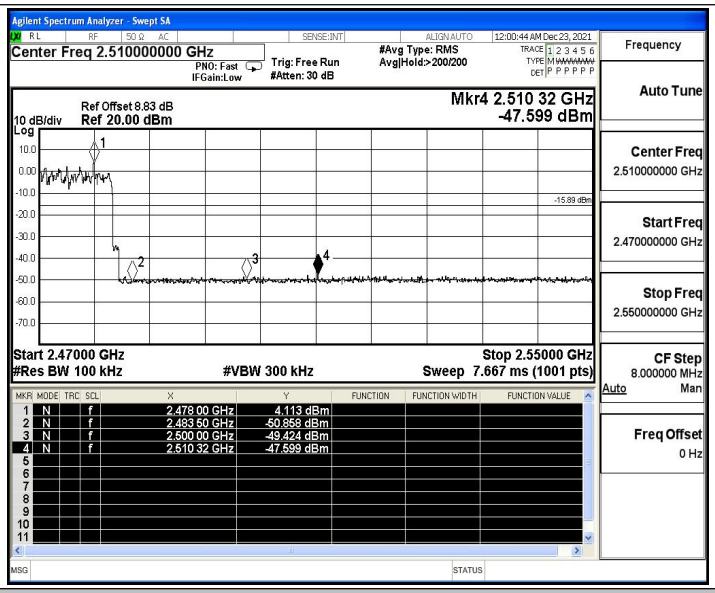
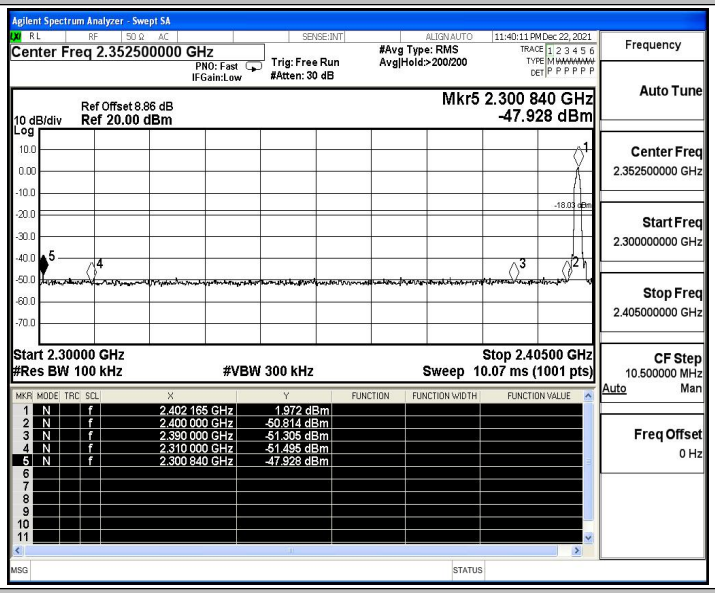
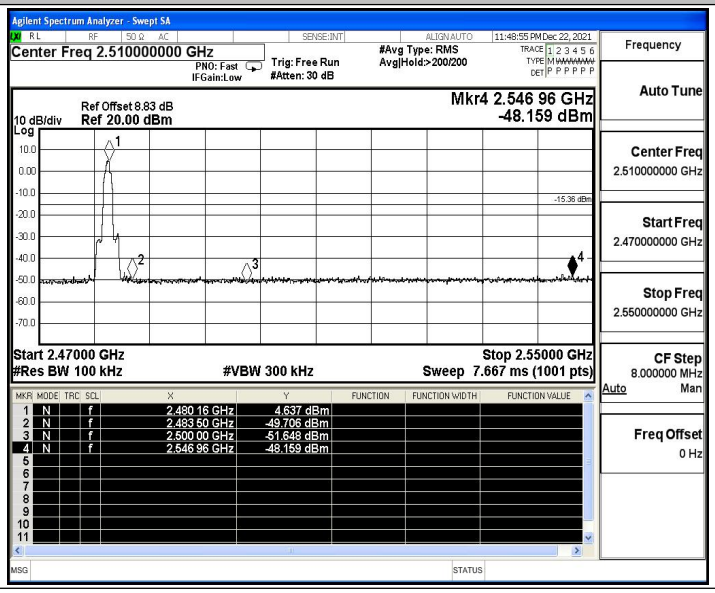
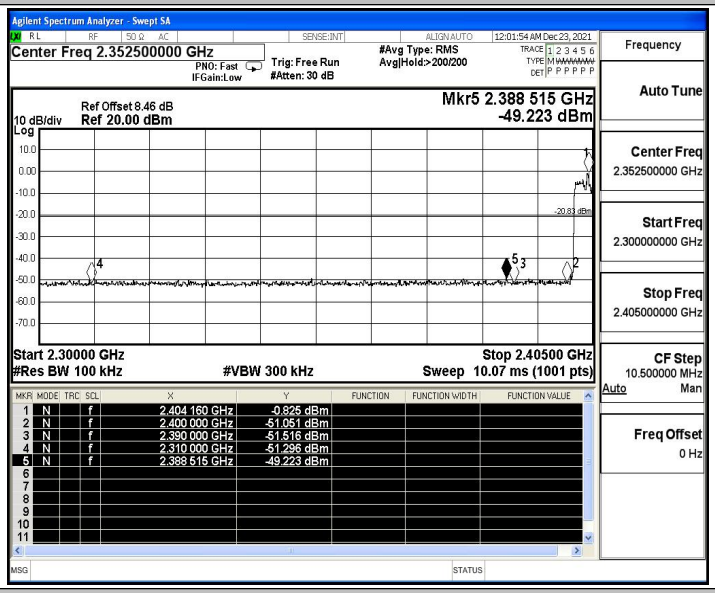


3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480



3DH5_Ant1_Low_Hop_2402


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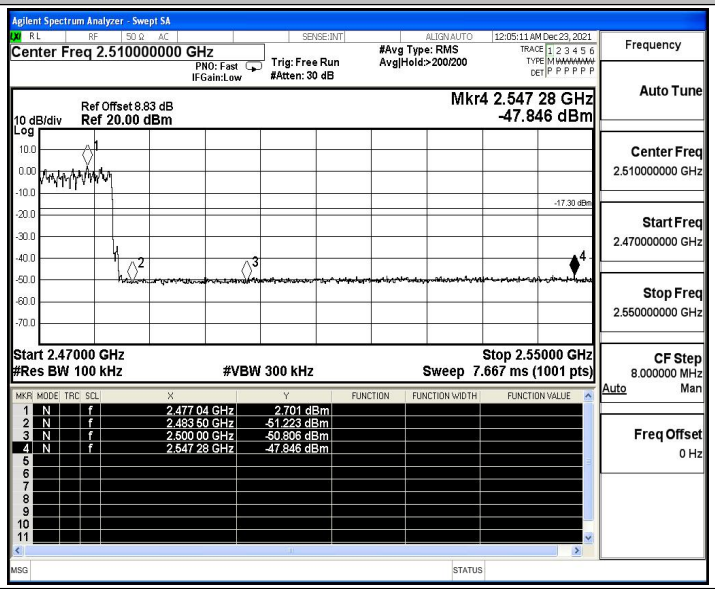


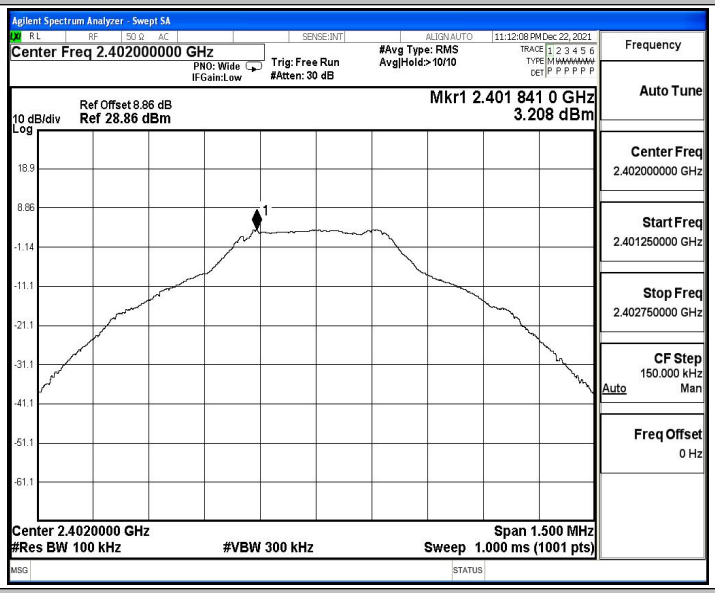
A.7 Conducted Spurious Emission

Test Result

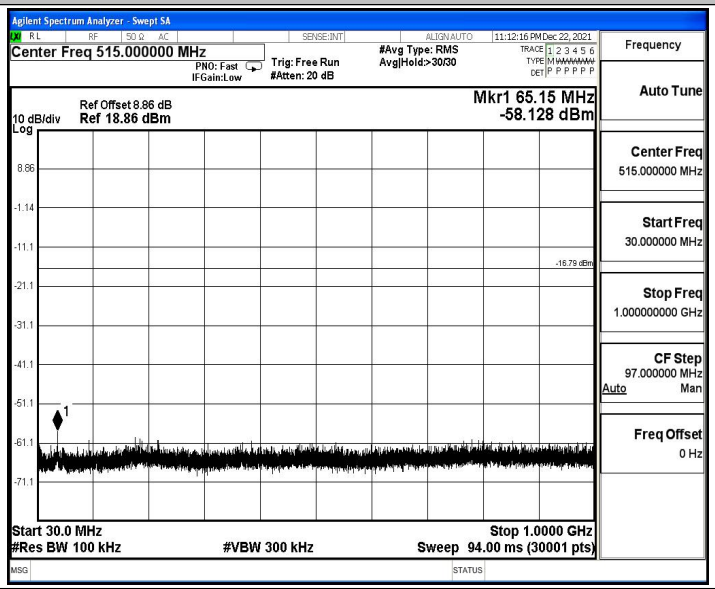
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	3.21	3.21	---	PASS
			30~1000	3.21	-58.13	≤-16.79	PASS
			1000~26500	3.21	-45.31	≤-16.79	PASS
		2441	Reference	4.65	4.65	---	PASS
			30~1000	4.65	-60.3	≤-15.35	PASS
			1000~26500	4.65	-46.04	≤-15.35	PASS
		2480	Reference	4.63	4.63	---	PASS
			30~1000	4.63	-60.52	≤-15.37	PASS
			1000~26500	4.63	-45.61	≤-15.37	PASS
2DH5	Ant1	2402	Reference	1.56	1.56	---	PASS
			30~1000	1.56	-60.21	≤-18.44	PASS
			1000~26500	1.56	-45.59	≤-18.44	PASS
		2441	Reference	3.31	3.31	---	PASS
			30~1000	3.31	-59.7	≤-16.69	PASS
			1000~26500	3.31	-45.9	≤-16.69	PASS
		2480	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-59.82	≤-15.51	PASS
			1000~26500	4.49	-46.01	≤-15.51	PASS
3DH5	Ant1	2402	Reference	1.89	1.89	---	PASS
			30~1000	1.89	-60.23	≤-18.11	PASS
			1000~26500	1.89	-46.22	≤-18.11	PASS
		2441	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-60.59	≤-16.53	PASS
			1000~26500	3.47	-45.85	≤-16.53	PASS
		2480	Reference	4.62	4.62	---	PASS
			30~1000	4.62	-60.05	≤-15.38	PASS
			1000~26500	4.62	-45.67	≤-15.38	PASS

Test Graphs

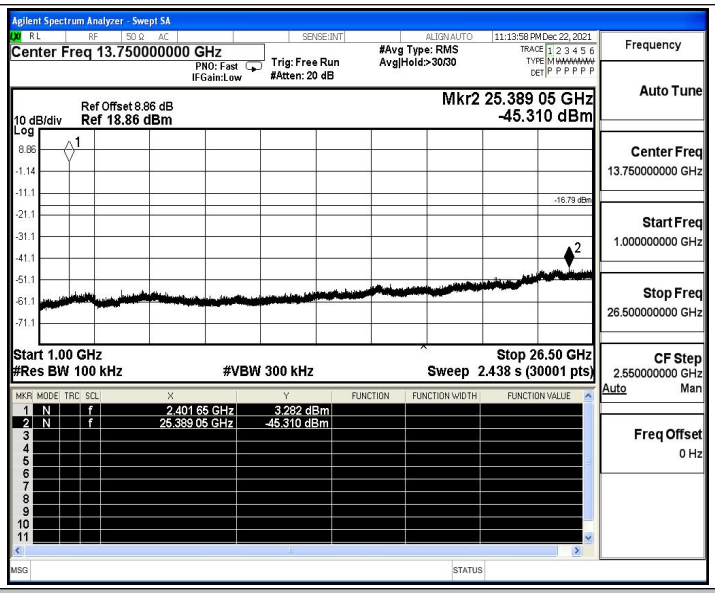
DH5_Ant1_2402_0~Reference



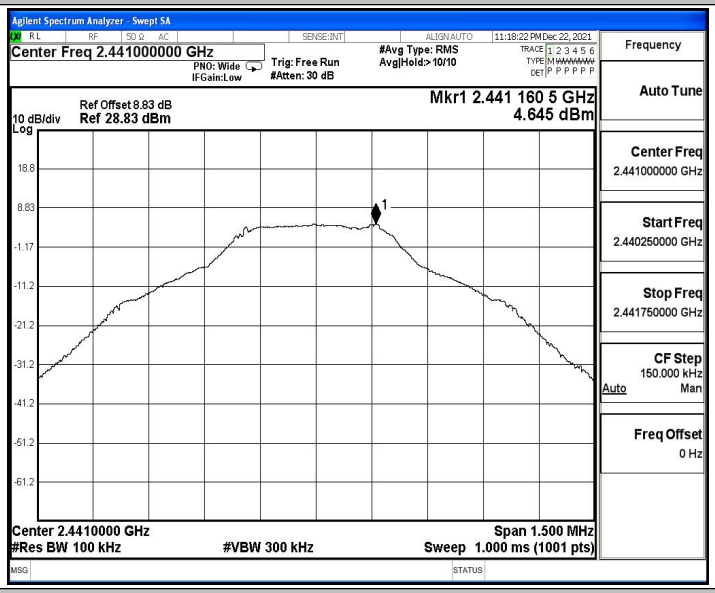
DH5_Ant1_2402_30~1000



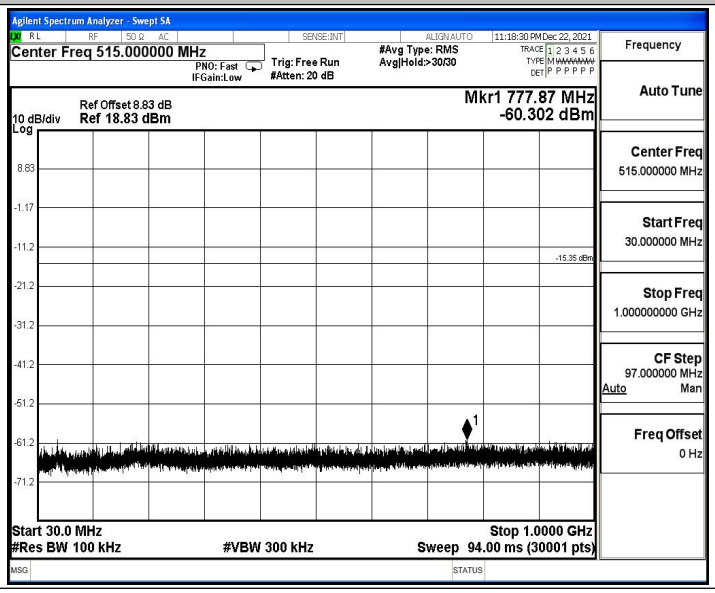
DH5_Ant1_2402_1000~26500



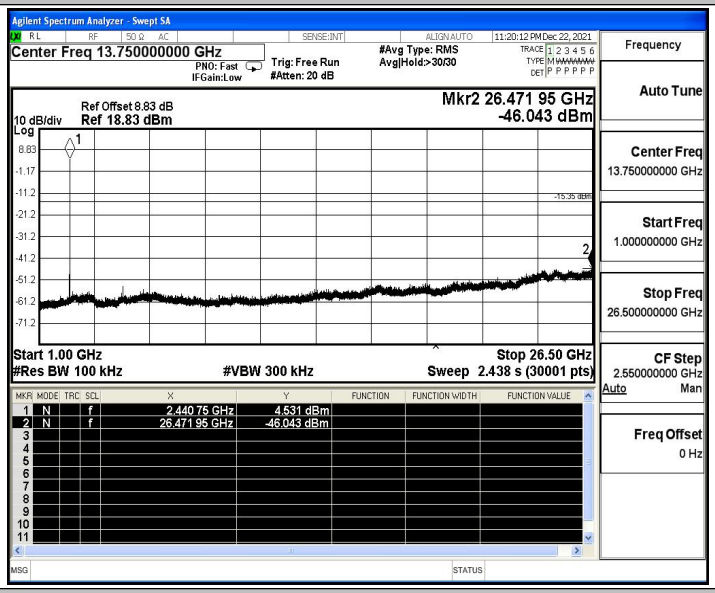
DH5_Ant1_2441_0~Reference



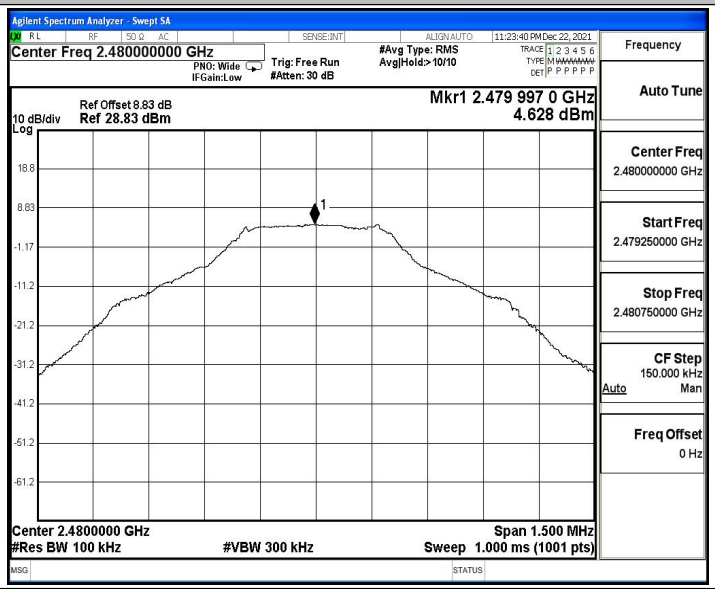
DH5_Ant1_2441_30~1000



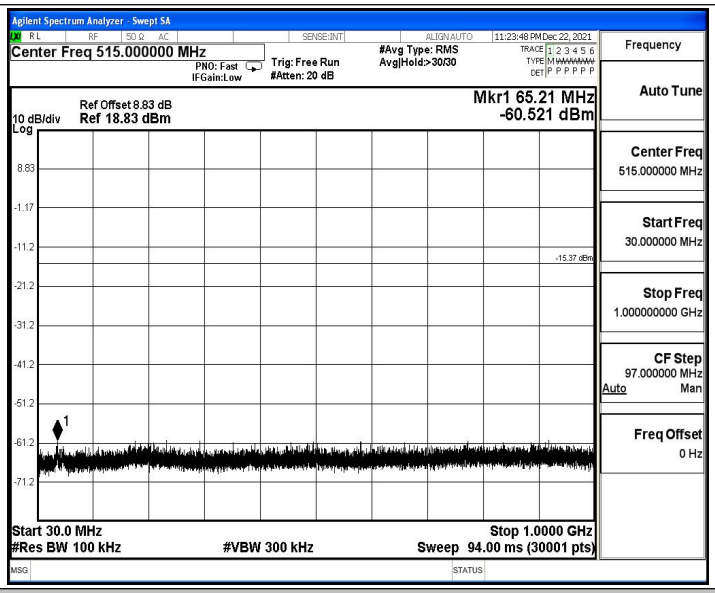
DH5_Ant1_2441_1000~26500



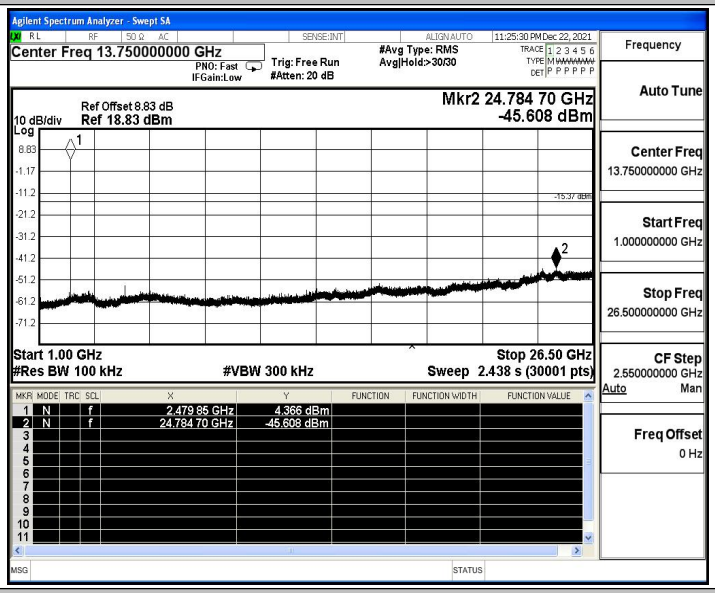
DH5_Ant1_2480_0~Reference



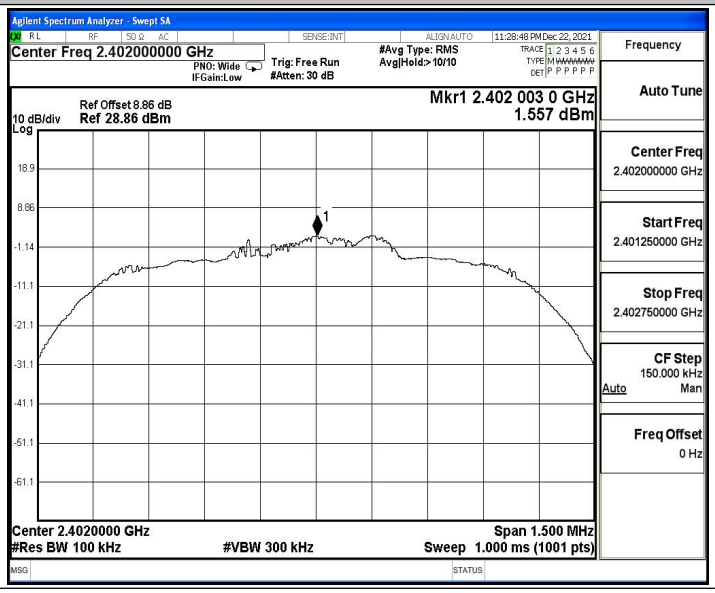
DH5_Ant1_2480_30~1000



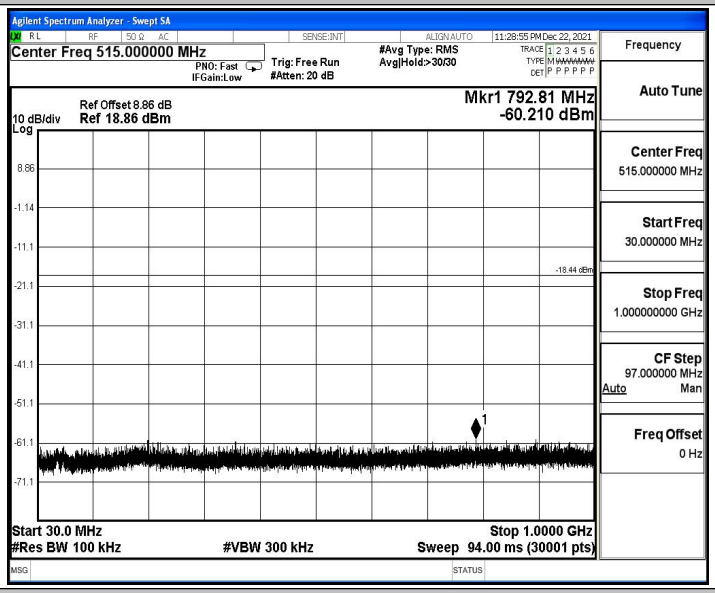
DH5_Ant1_2480_1000~26500



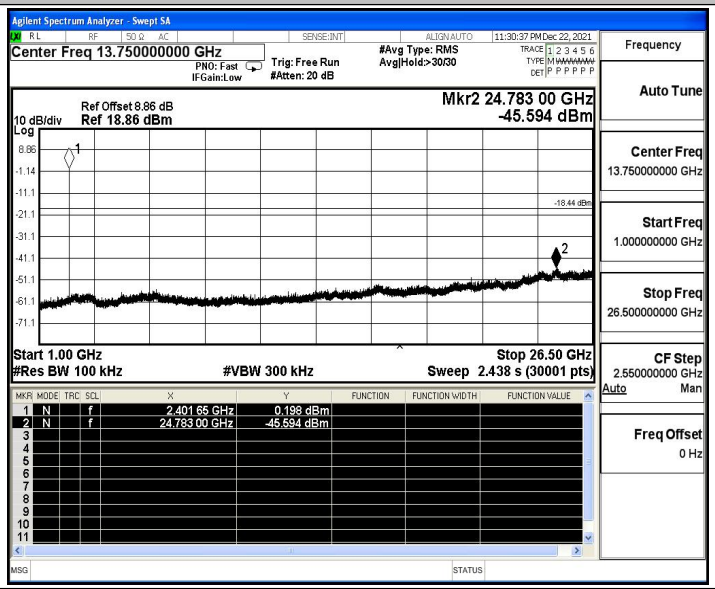
2DH5_Ant1_2402_0~Reference



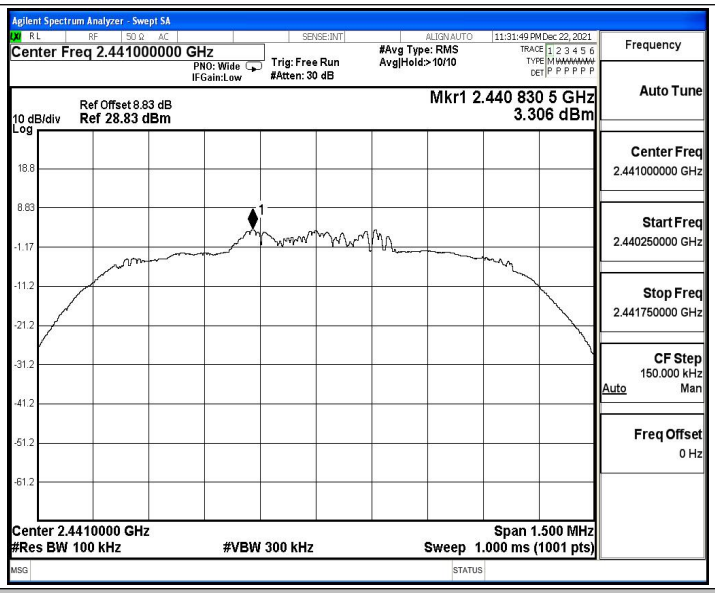
2DH5_Ant1_2402_30~1000



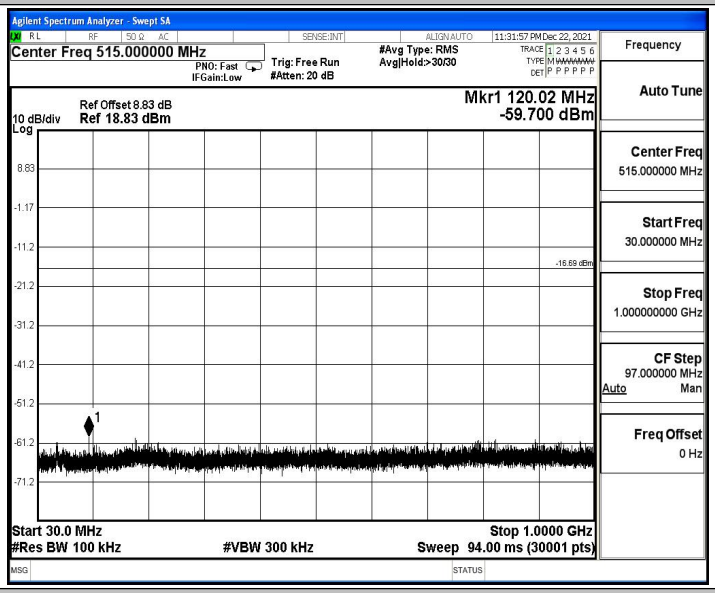
2DH5_Ant1_2402_1000~26500



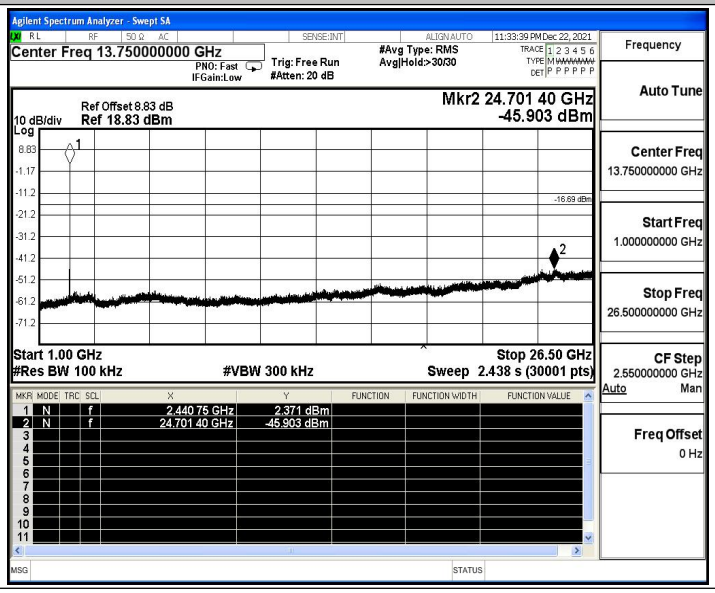
2DH5_Ant1_2441_0~Reference



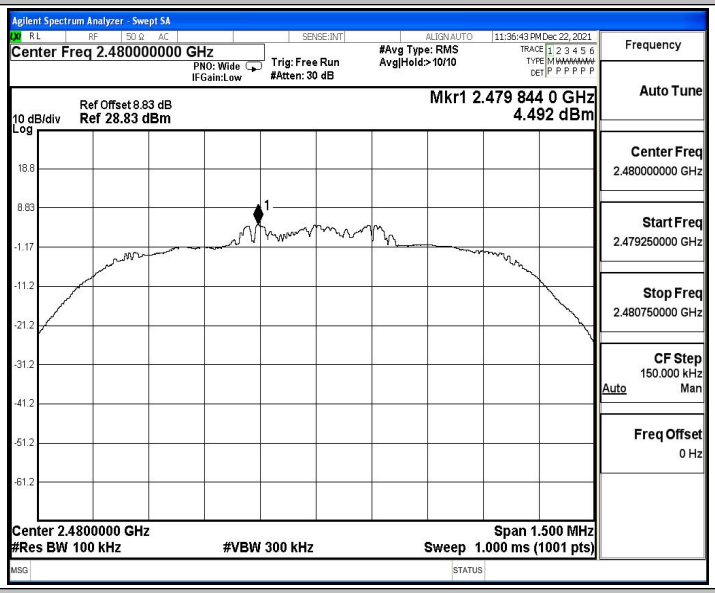
2DH5_Ant1_2441_30~1000



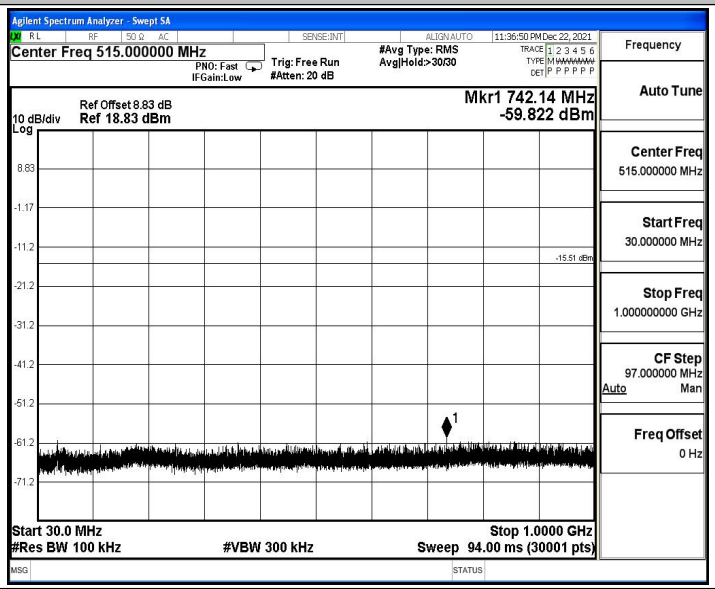
2DH5_Ant1_2441_1000~26500



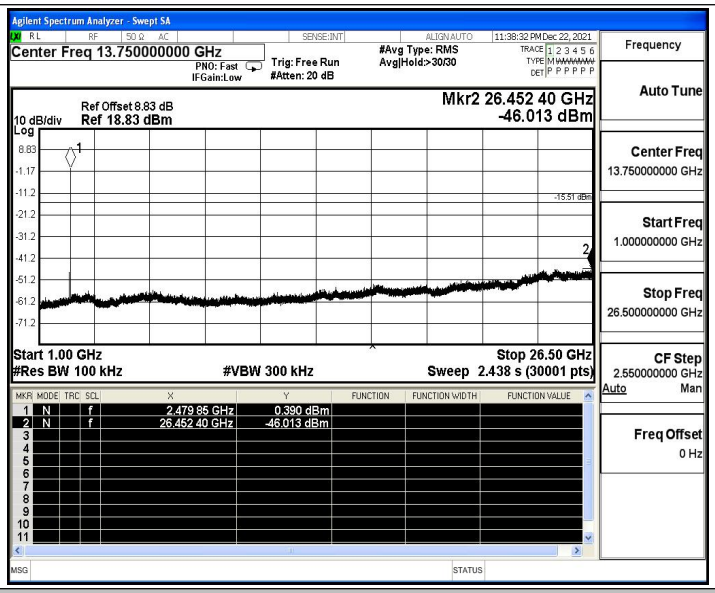
2DH5_Ant1_2480_0~Reference



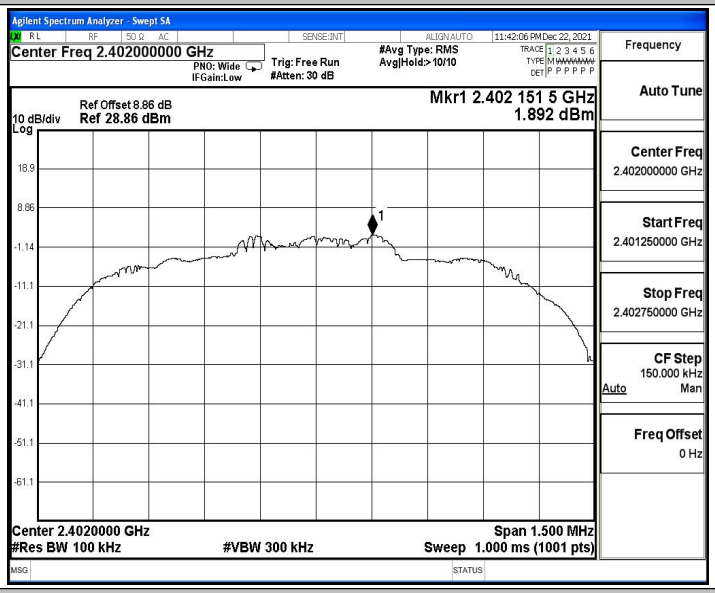
2DH5_Ant1_2480_30~1000



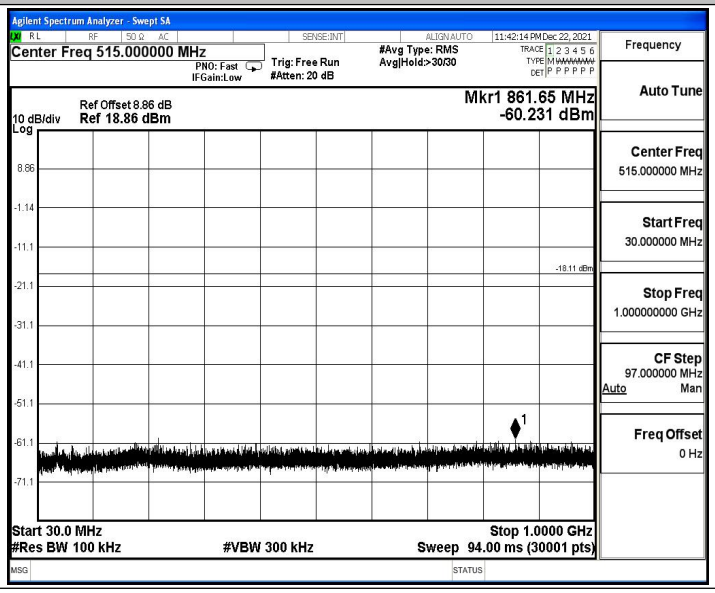
2DH5_Ant1_2480_1000~26500



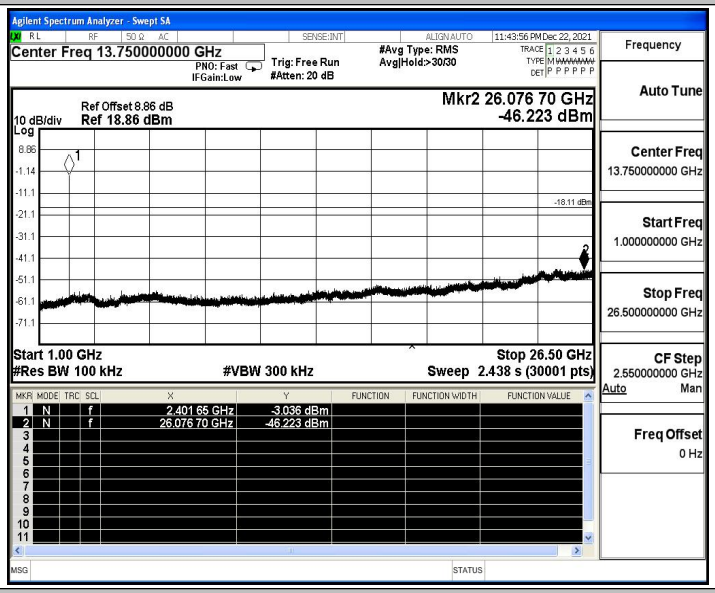
3DH5_Ant1_2402_0~Reference



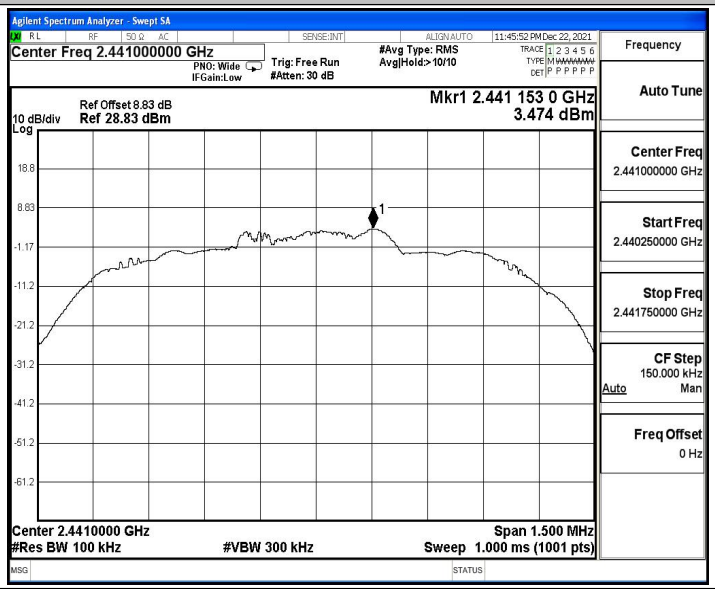
3DH5_Ant1_2402_30~1000



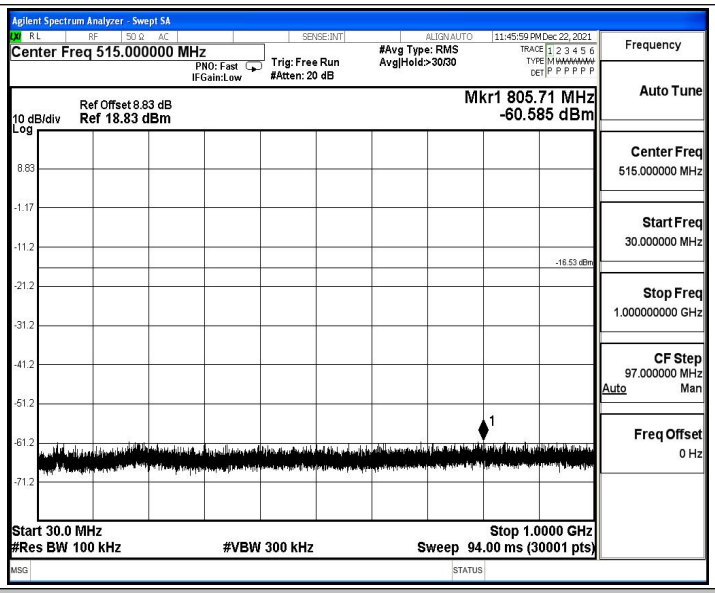
3DH5_Ant1_2402_1000~26500



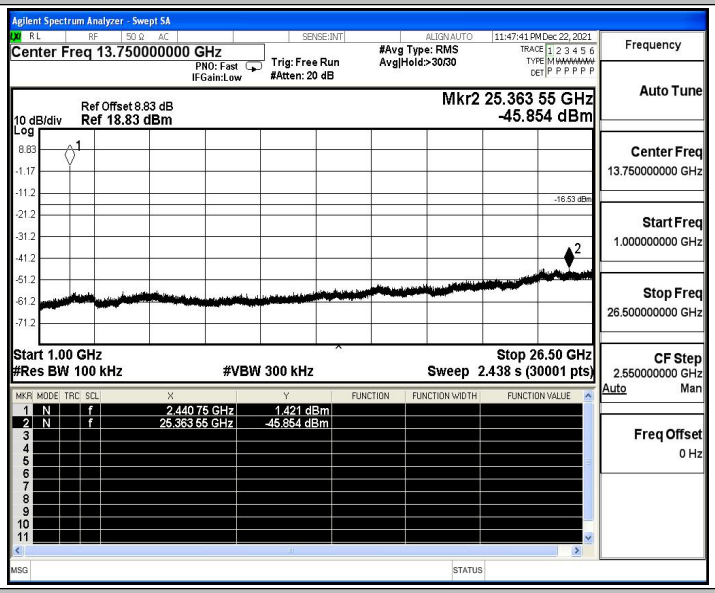
3DH5_Ant1_2441_0~Reference



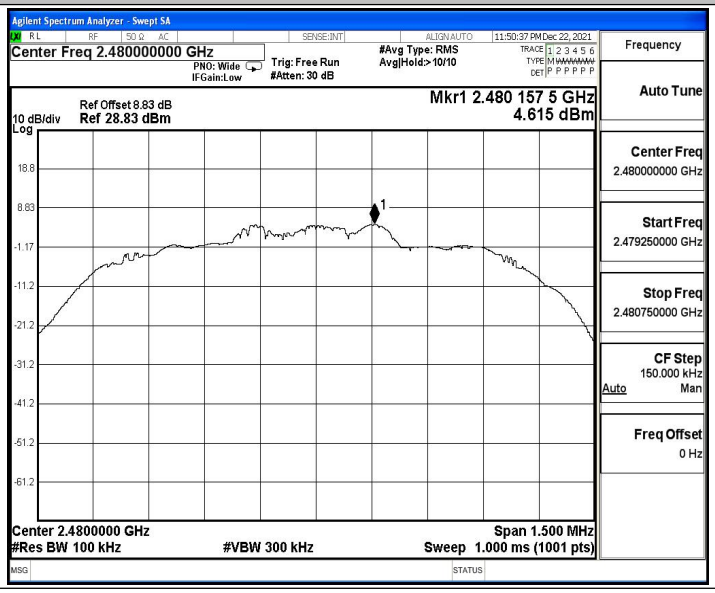
3DH5_Ant1_2441_30~1000

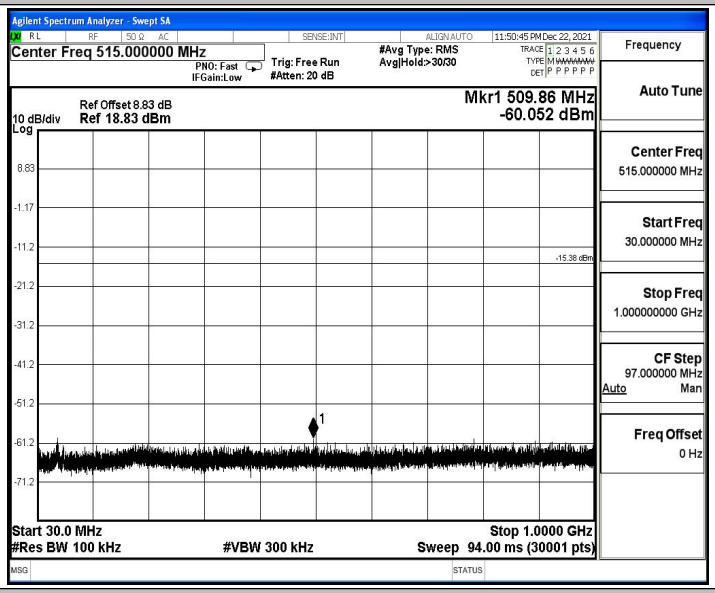


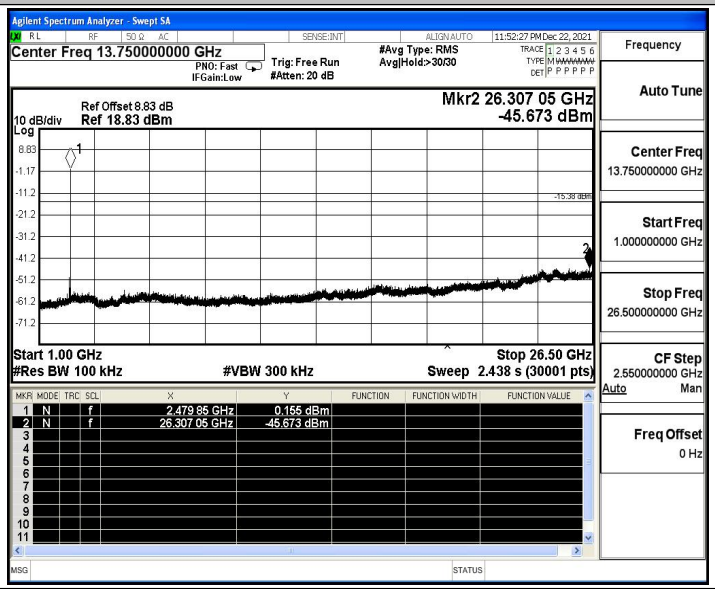
3DH5_Ant1_2441_1000~26500



3DH5_Ant1_2480_0~Reference



3DH5_Ant1_2480_30~1000


3DH5_Ant1_2480_1000~26500


A.8 Emissions in Restricted Bands

TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	AV	2310.000	-47.98	≤-41.20	47.22	≤54	PASS
				AV	2381.060	-47.41	≤-41.20	47.79	≤54	PASS
				AV	2390.000	-47.61	≤-41.20	47.59	≤54	PASS
				Peak	2310.000	-39.36	≤-21.20	55.84	≤74	PASS
				Peak	2357.855	-37.18	≤-21.20	58.02	≤74	PASS
				Peak	2390.000	-39.63	≤-21.20	55.57	≤74	PASS
		High	2480	AV	2483.500	-46.66	≤-41.20	48.54	≤54	PASS
				AV	2483.520	-46.66	≤-41.20	48.54	≤54	PASS
				AV	2500.000	-47.04	≤-41.20	48.16	≤54	PASS
				Peak	2483.500	-37.39	≤-21.20	57.81	≤74	PASS
				Peak	2492.160	-35.73	≤-21.20	59.47	≤74	PASS
				Peak	2500.000	-37.77	≤-21.20	57.43	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.1	≤-21.20	56.10	≤74	PASS
				Peak	2362.895	-36.57	≤-21.20	58.63	≤74	PASS
				Peak	2390.000	-38.38	≤-21.20	56.82	≤74	PASS
		High	Hop_2480	Peak	2483.500	-38.53	≤-21.20	56.67	≤74	PASS
				Peak	2493.600	-34.44	≤-21.20	60.76	≤74	PASS
				Peak	2500.000	-37.64	≤-21.20	57.56	≤74	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-47.99	≤-41.20	47.21	≤54	PASS
				AV	2389.145	-47.46	≤-41.20	47.74	≤54	PASS
				AV	2390.000	-47.64	≤-41.20	47.56	≤54	PASS
				Peak	2310.000	-38.6	≤-21.20	56.60	≤74	PASS
				Peak	2349.035	-36.15	≤-21.20	59.05	≤74	PASS
				Peak	2390.000	-38.27	≤-21.20	56.93	≤74	PASS
		High	2480	AV	2483.500	-46.47	≤-41.20	48.73	≤54	PASS
				AV	2483.520	-46.47	≤-41.20	48.73	≤54	PASS
				AV	2500.000	-46.98	≤-41.20	48.22	≤54	PASS
				Peak	2483.500	-36.34	≤-21.20	58.86	≤74	PASS
				Peak	2487.760	-36.05	≤-21.20	59.15	≤74	PASS
				Peak	2500.000	-37.8	≤-21.20	57.40	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-37.99	≤-21.20	57.21	≤74	PASS
				Peak	2380.955	-36.85	≤-21.20	58.35	≤74	PASS
				Peak	2390.000	-38.63	≤-21.20	56.57	≤74	PASS
		High	Hop_2480	Peak	2483.500	-37.64	≤-21.20	57.56	≤74	PASS
				Peak	2498.640	-35.78	≤-21.20	59.42	≤74	PASS

				Peak	2500.000	-37.58	≤-21.20	57.62	≤74	PASS
3DH5	Ant1	Low	2402	AV	2310.000	-47.97	≤-41.20	47.23	≤54	PASS
				AV	2383.475	-47.44	≤-41.20	47.76	≤54	PASS
				AV	2390.000	-47.57	≤-41.20	47.63	≤54	PASS
				Peak	2310.000	-36.79	≤-21.20	58.41	≤74	PASS
				Peak	2363.000	-36.56	≤-21.20	58.64	≤74	PASS
				Peak	2390.000	-39.04	≤-21.20	56.16	≤74	PASS
		High	2480	AV	2483.500	-46.41	≤-41.20	48.79	≤54	PASS
				AV	2483.520	-46.41	≤-41.20	48.79	≤54	PASS
				AV	2500.000	-47.07	≤-41.20	48.13	≤54	PASS
				Peak	2483.500	-37.69	≤-21.20	57.51	≤74	PASS
				Peak	2498.240	-35.41	≤-21.20	59.79	≤74	PASS
				Peak	2500.000	-37.85	≤-21.20	57.35	≤74	PASS
		Low	Hop_2402	Peak	2310.000	-39.05	≤-21.20	56.15	≤74	PASS
				Peak	2352.605	-36.88	≤-21.20	58.32	≤74	PASS
				Peak	2390.000	-38.42	≤-21.20	56.78	≤74	PASS
		High	Hop_2480	Peak	2483.500	-36.92	≤-21.20	58.28	≤74	PASS
				Peak	2499.840	-36.01	≤-21.20	59.19	≤74	PASS
				Peak	2500.000	-37.71	≤-21.20	57.49	≤74	PASS

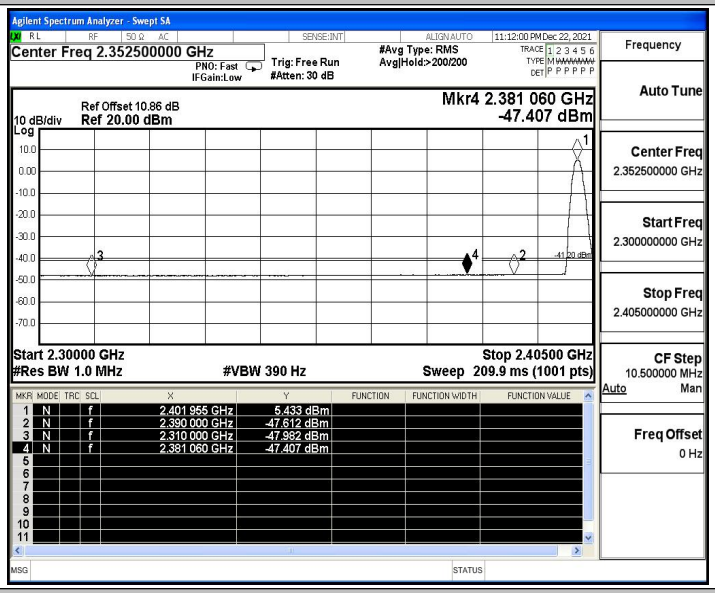
Test Result

Note：

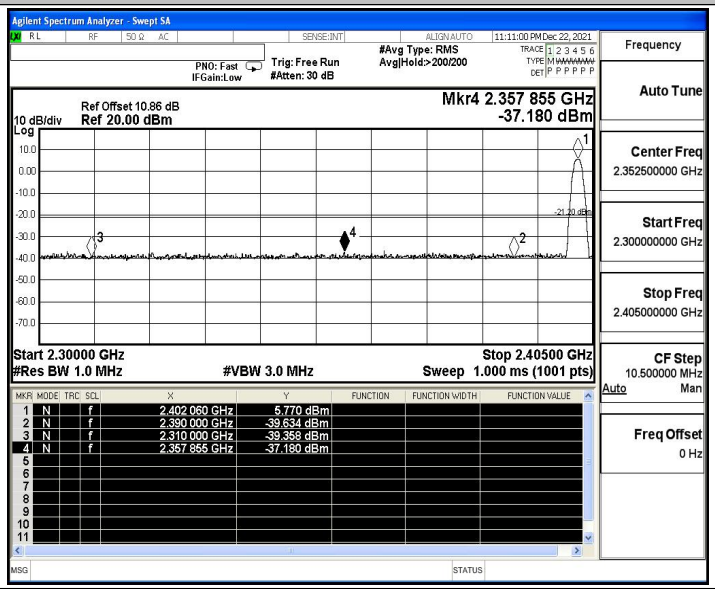
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

DH5_Ant1_Low_2402_AV



DH5_Ant1_Low_2402_Peak



DH5_Ant1_High_2480_AV