

Appendix : Bluetooth Classic

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Appendix A: 20dBEmission Bandwidth

Test Result

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ear L	2402	0.906	2401.541	2402.447	---	PASS
	Ear R	2402	0.891	2401.532	2402.423	---	PASS
	Ear L	2441	0.891	2440.541	2441.432	---	PASS
	Ear R	2441	0.894	2440.529	2441.423	---	PASS
	Ear L	2480	0.891	2479.541	2480.432	---	PASS
	Ear R	2480	0.894	2479.529	2480.423	---	PASS
2DH5	Ear L	2402	1.284	2401.349	2402.633	---	PASS
	Ear R	2402	1.305	2401.334	2402.639	---	PASS
	Ear L	2441	1.332	2440.334	2441.666	---	PASS
	Ear R	2441	1.257	2440.358	2441.615	---	PASS
	Ear L	2480	1.260	2479.370	2480.630	---	PASS
	Ear R	2480	1.305	2479.334	2480.639	---	PASS

Test Graphs





DH5_Ear L_2480



DH5_Ear R_2480

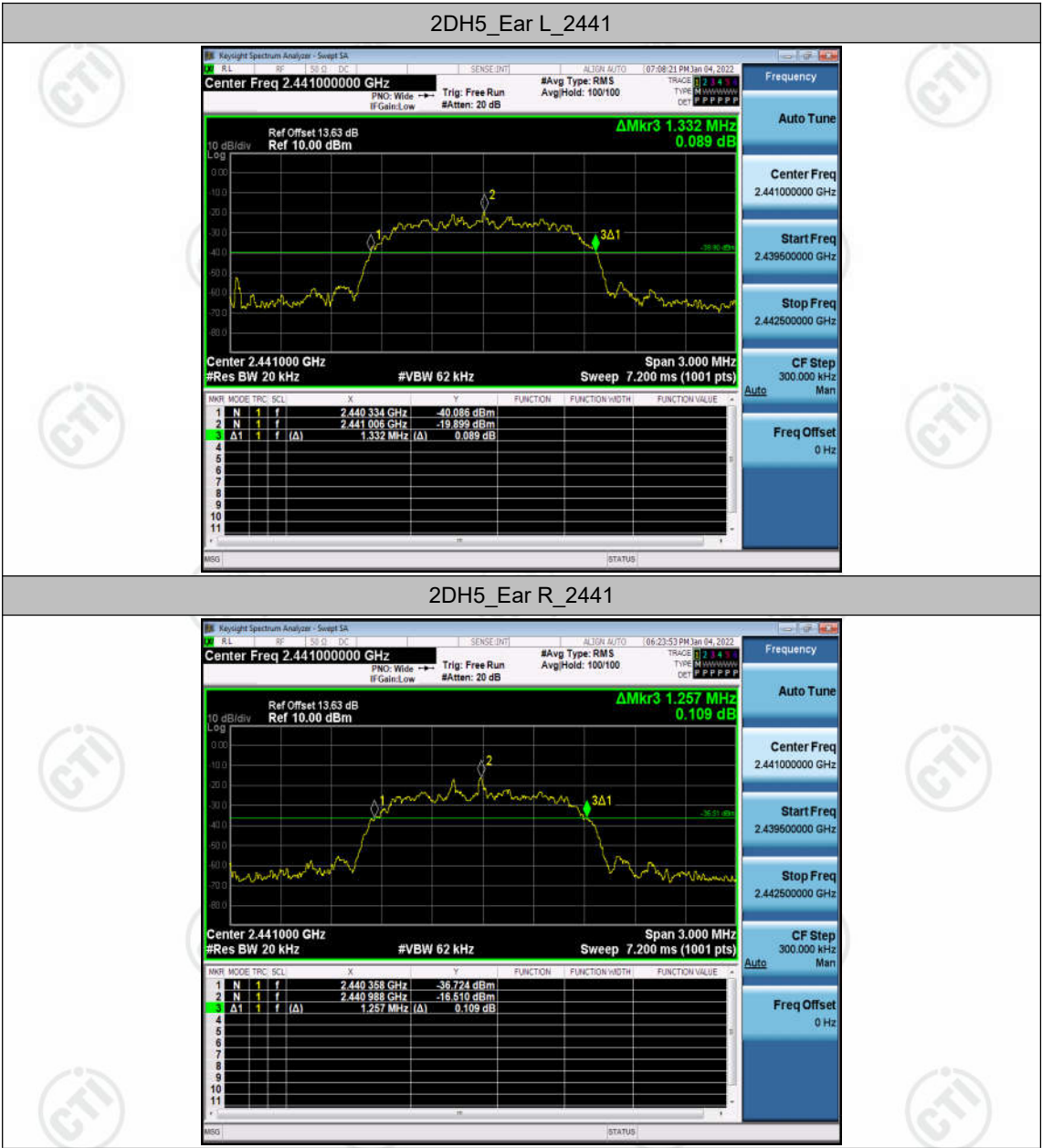


2DH5_Ear L_2402



2DH5_Ear R_2402





2DH5_Ear L_2480



2DH5_Ear R_2480

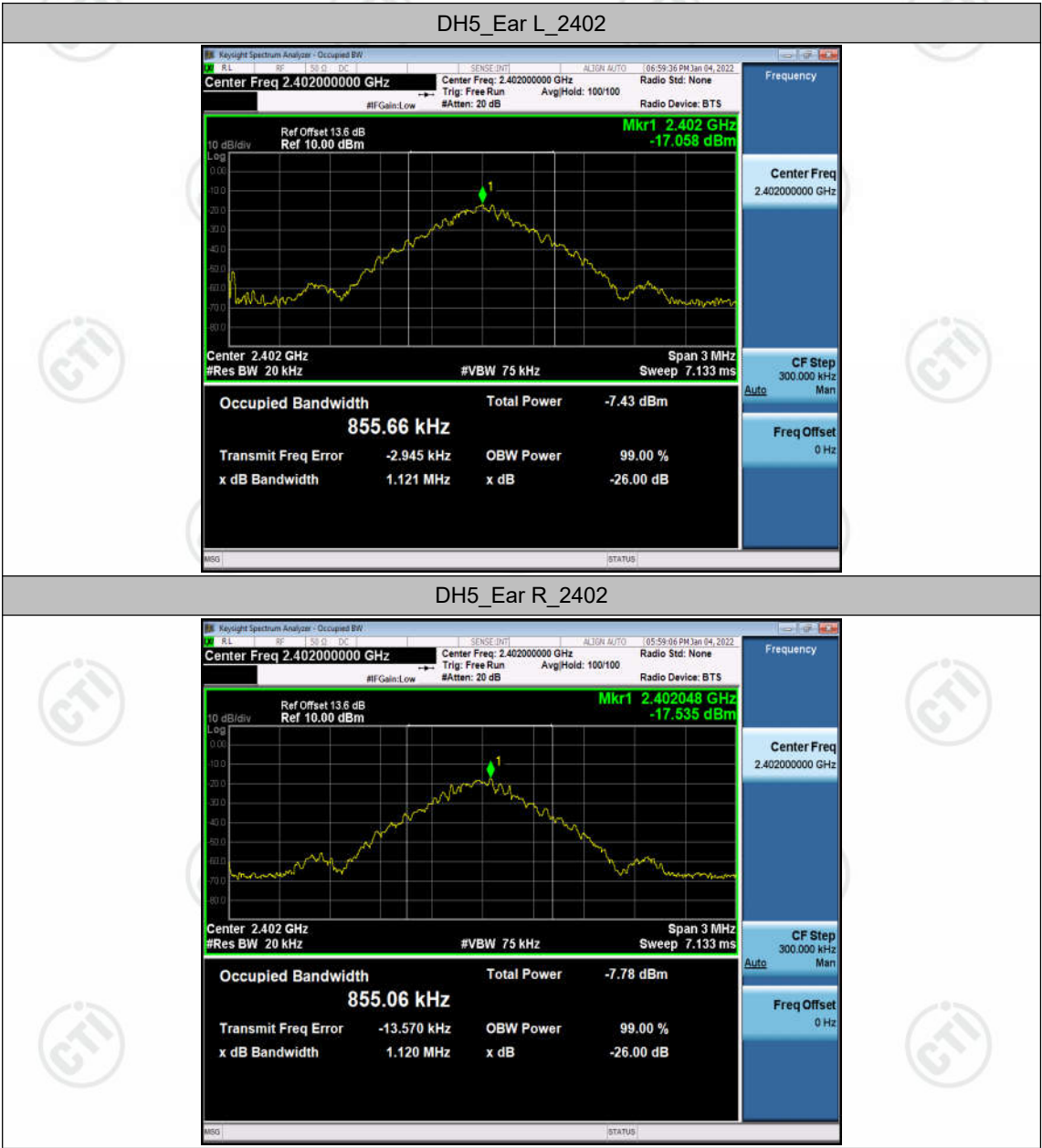


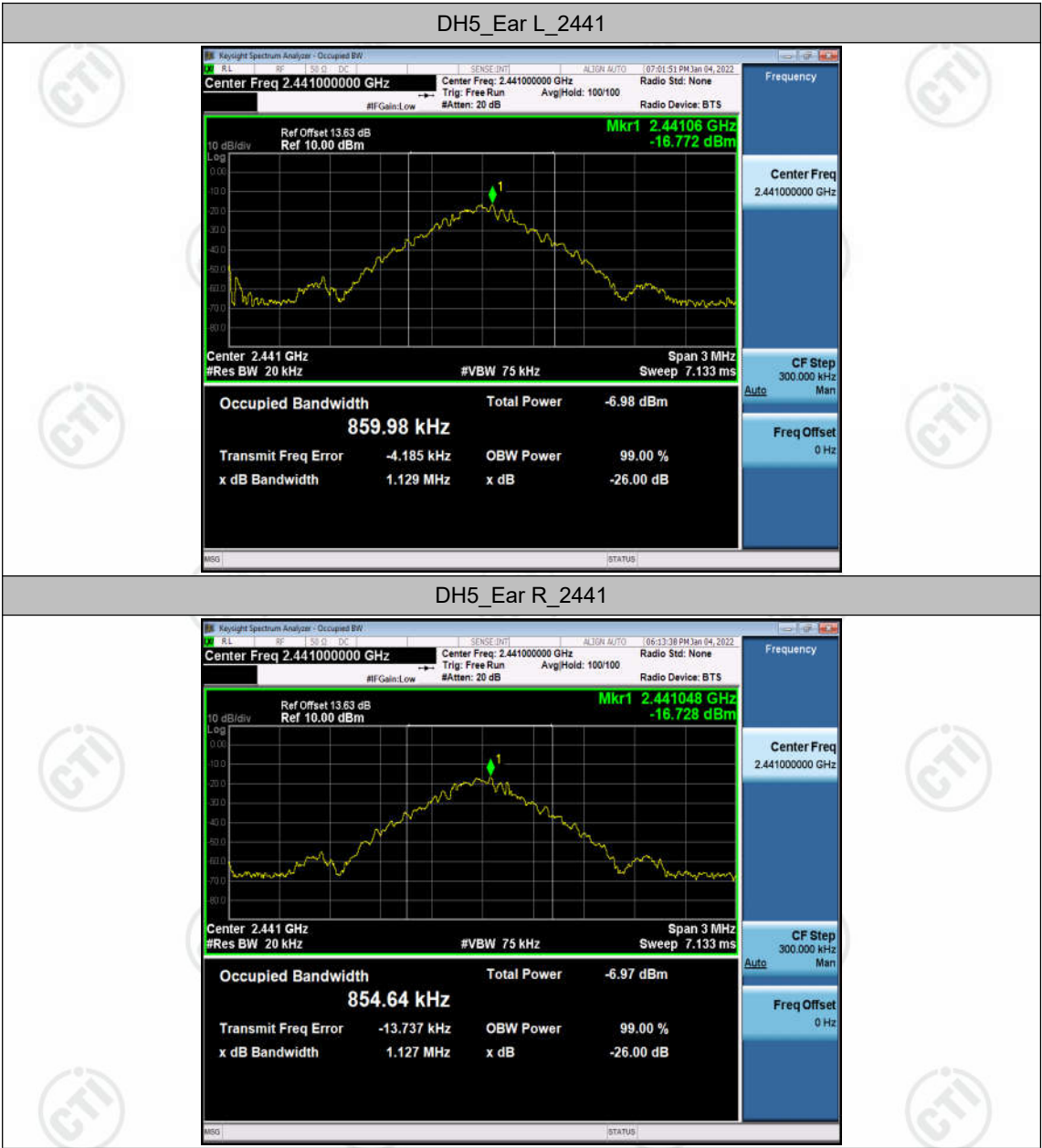
Appendix B: Occupied Channel Bandwidth

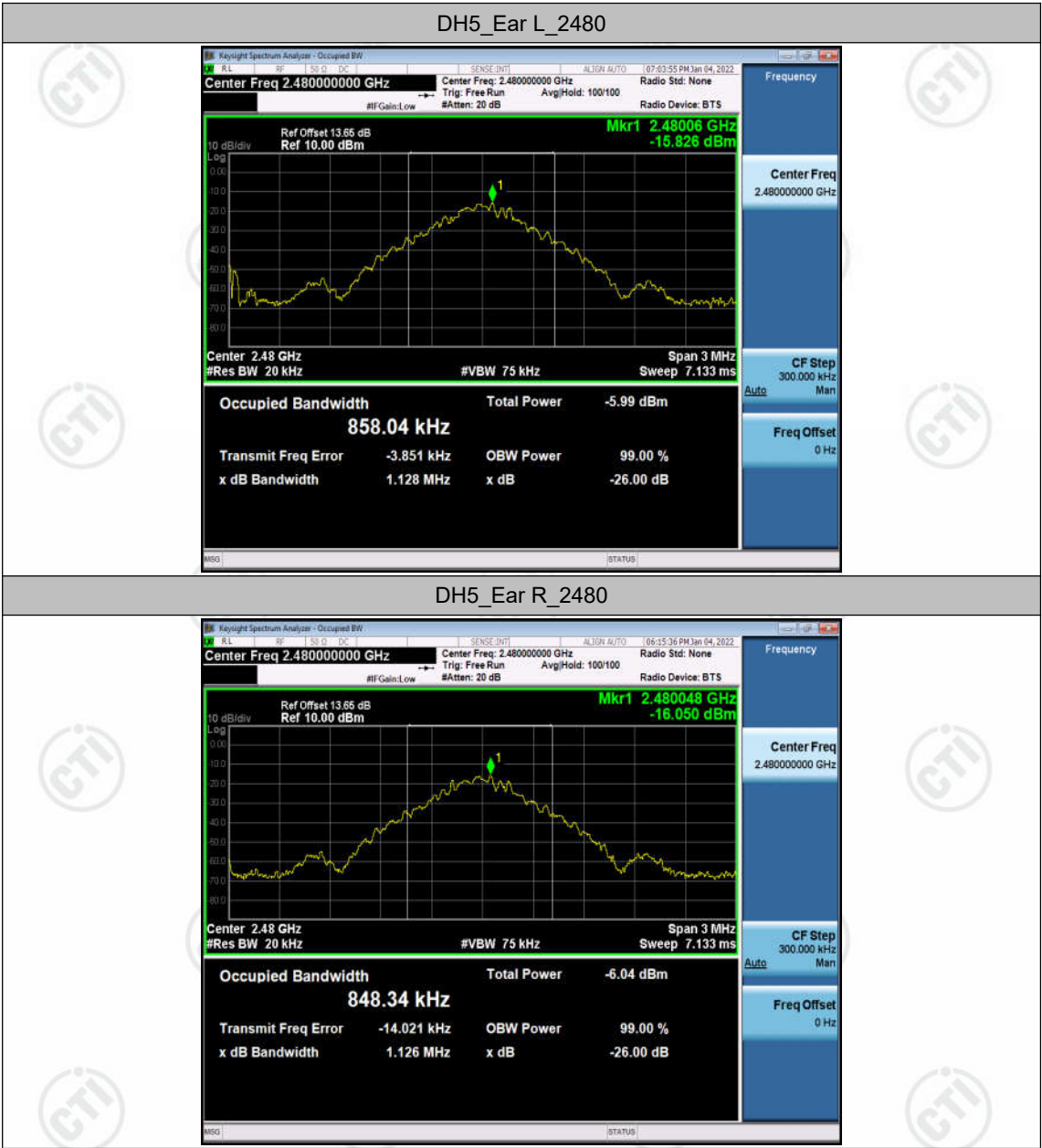
Test Result

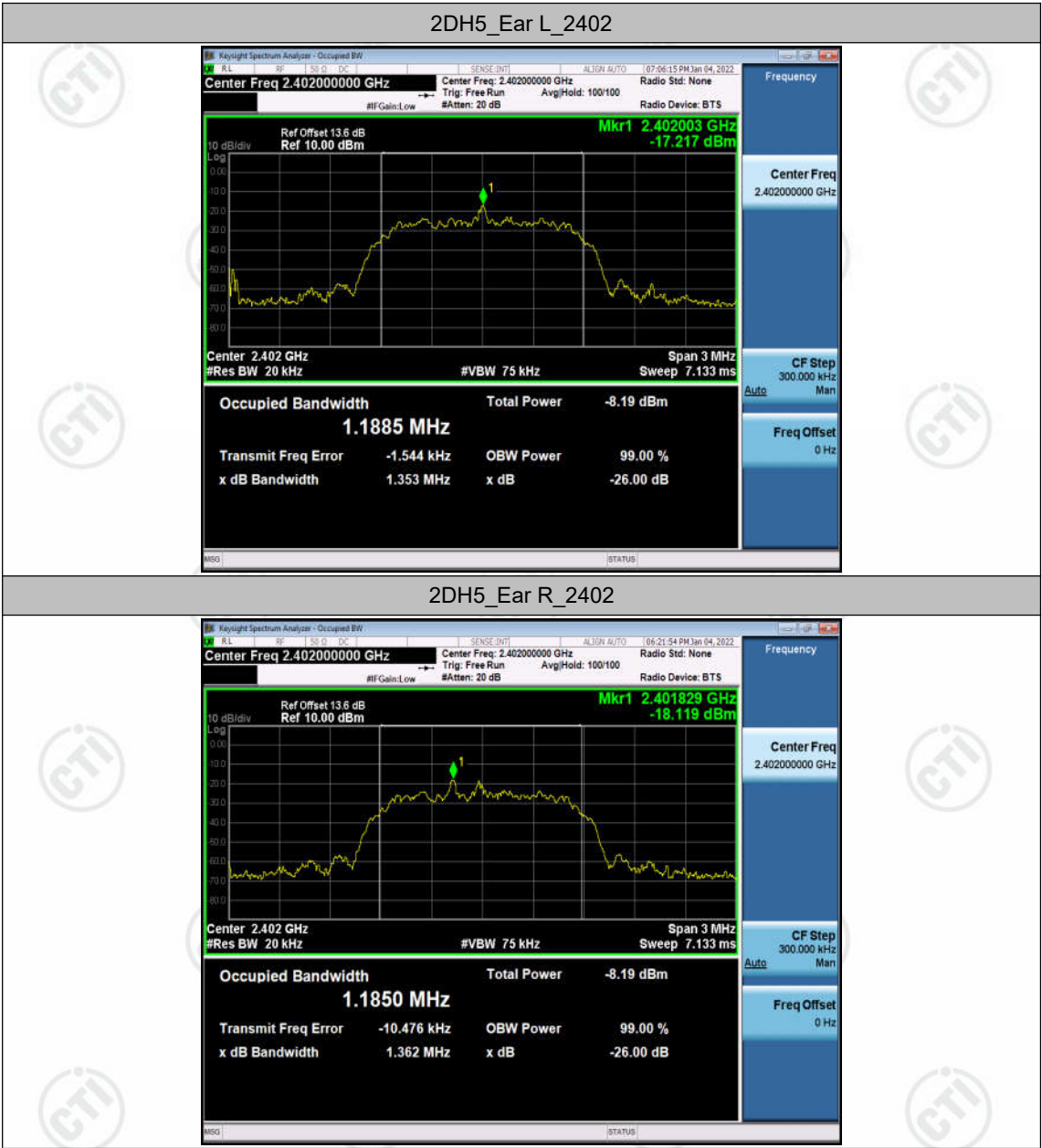
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ear L	2402	0.85566	2401.569	2402.425	---	PASS
	Ear R	2402	0.85506	2401.559	2402.414	---	PASS
	Ear L	2441	0.85998	2440.566	2441.426	---	PASS
	Ear R	2441	0.85464	2440.559	2441.414	---	PASS
	Ear L	2480	0.85804	2479.567	2480.425	---	PASS
	Ear R	2480	0.84834	2479.562	2480.410	---	PASS
2DH5	Ear L	2402	1.1885	2401.404	2402.593	---	PASS
	Ear R	2402	1.1850	2401.397	2402.582	---	PASS
	Ear L	2441	1.1836	2440.406	2441.589	---	PASS
	Ear R	2441	1.1875	2440.395	2441.583	---	PASS
	Ear L	2480	1.1825	2479.407	2480.589	---	PASS
	Ear R	2480	1.1887	2479.395	2480.584	---	PASS

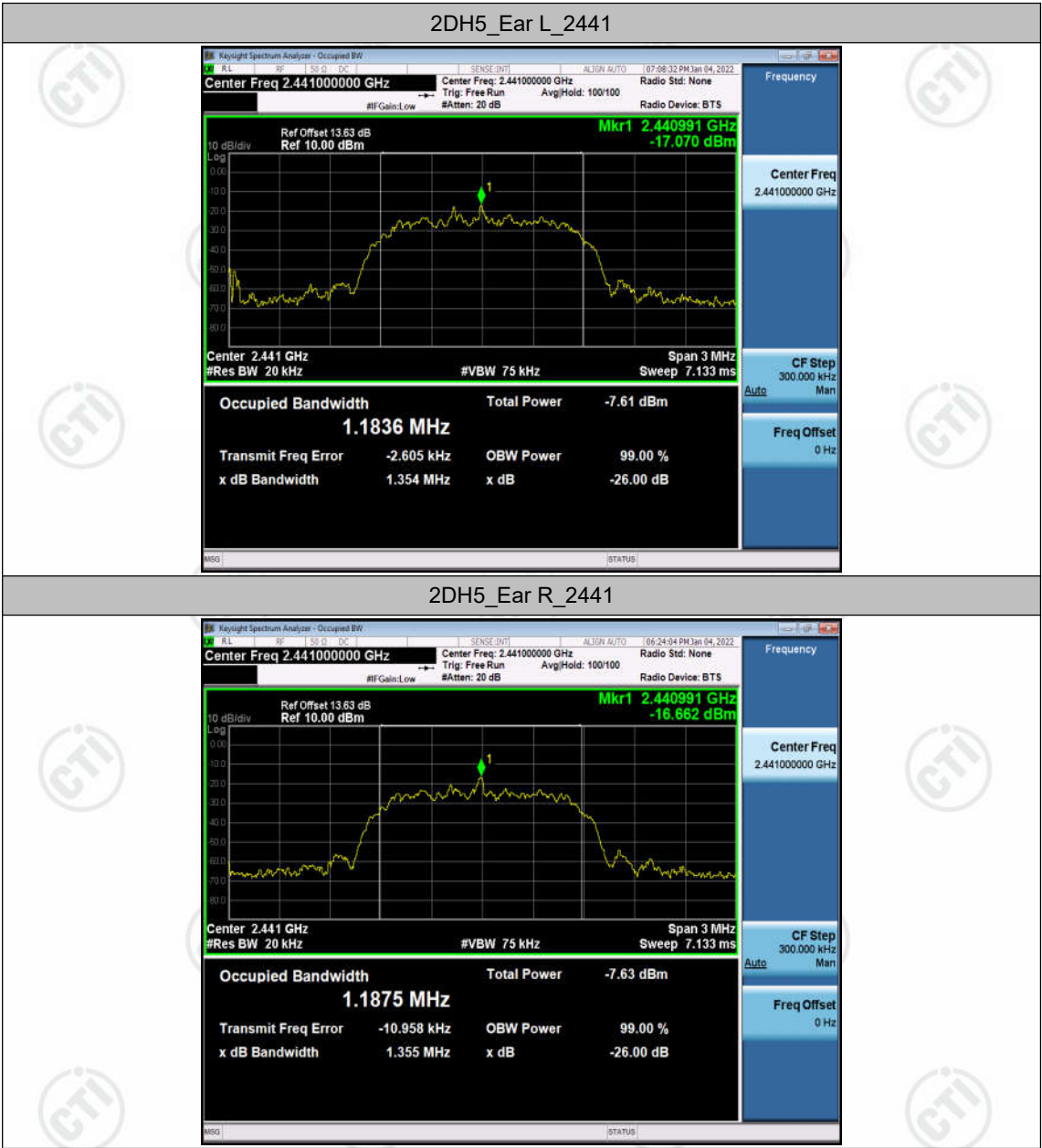
Test Graphs

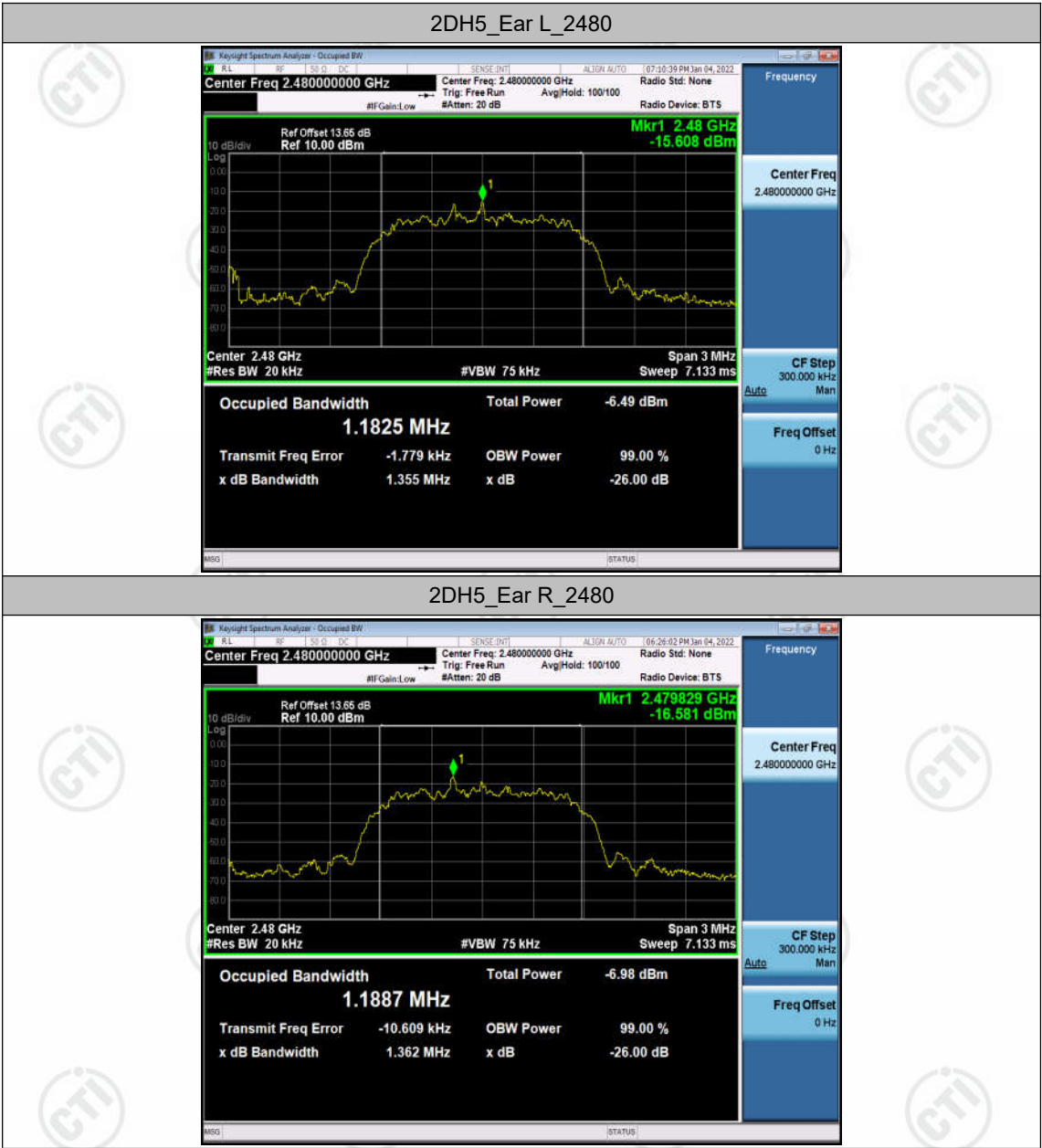










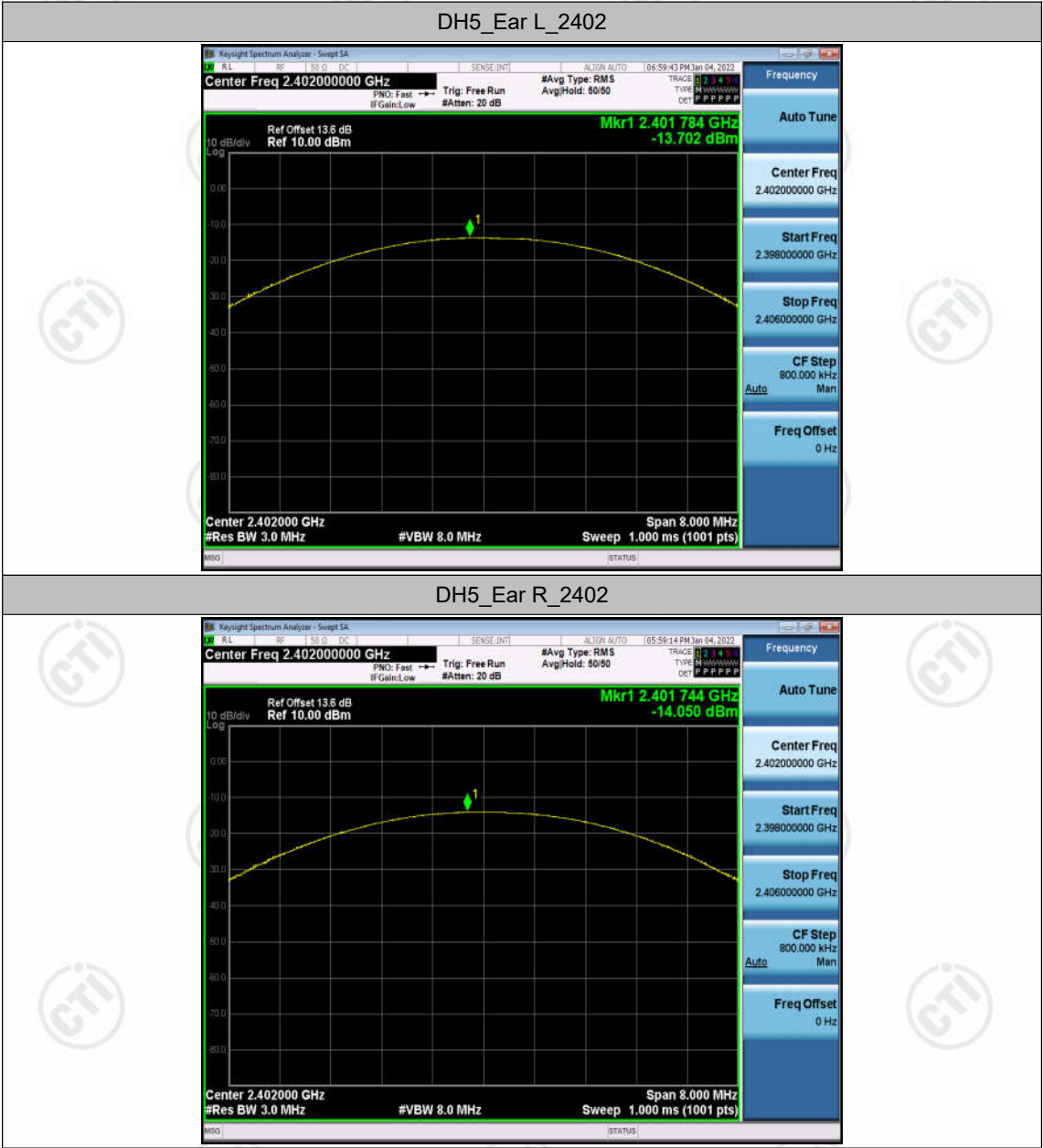


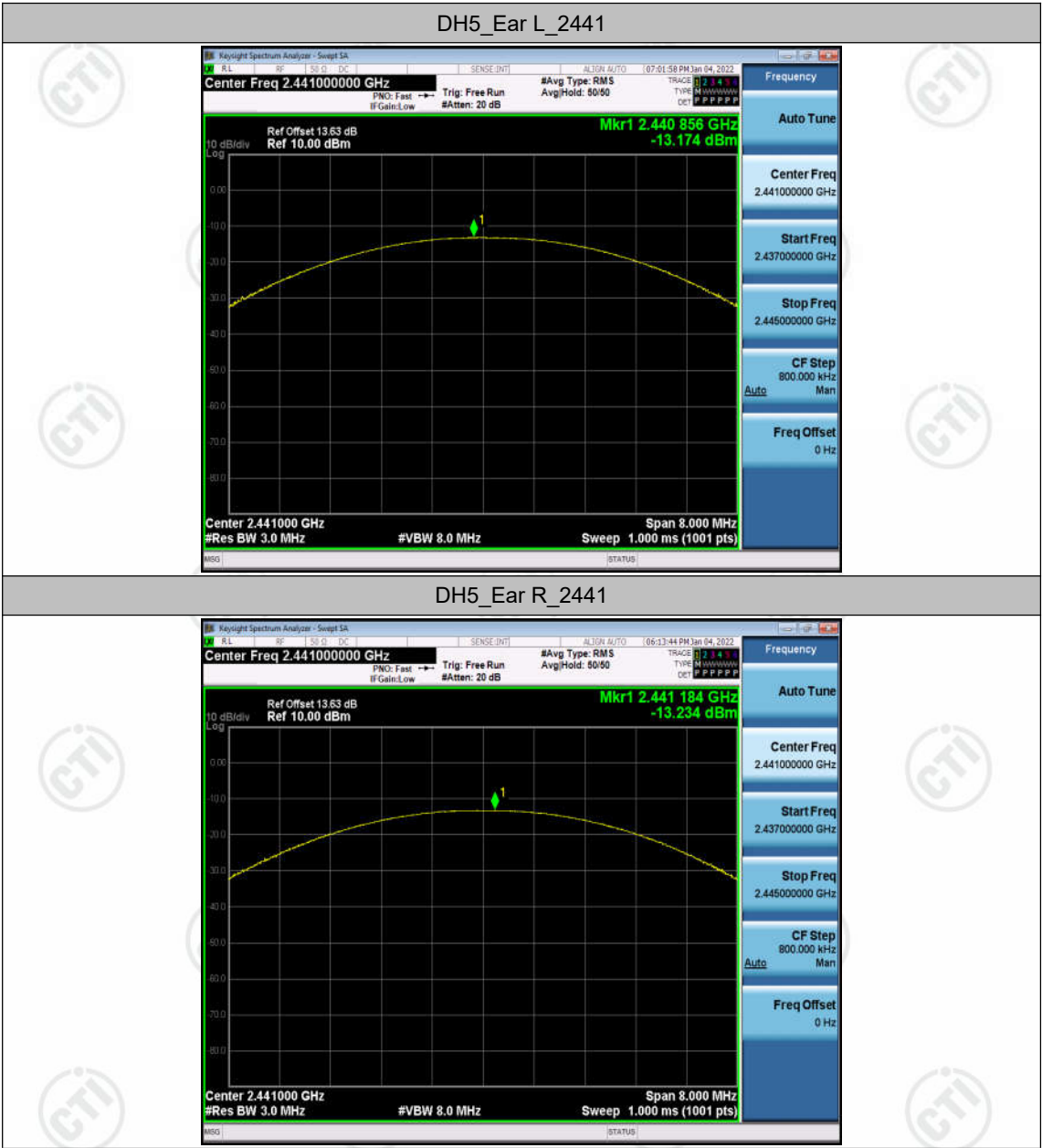
Appendix C: Maximum conducted output power

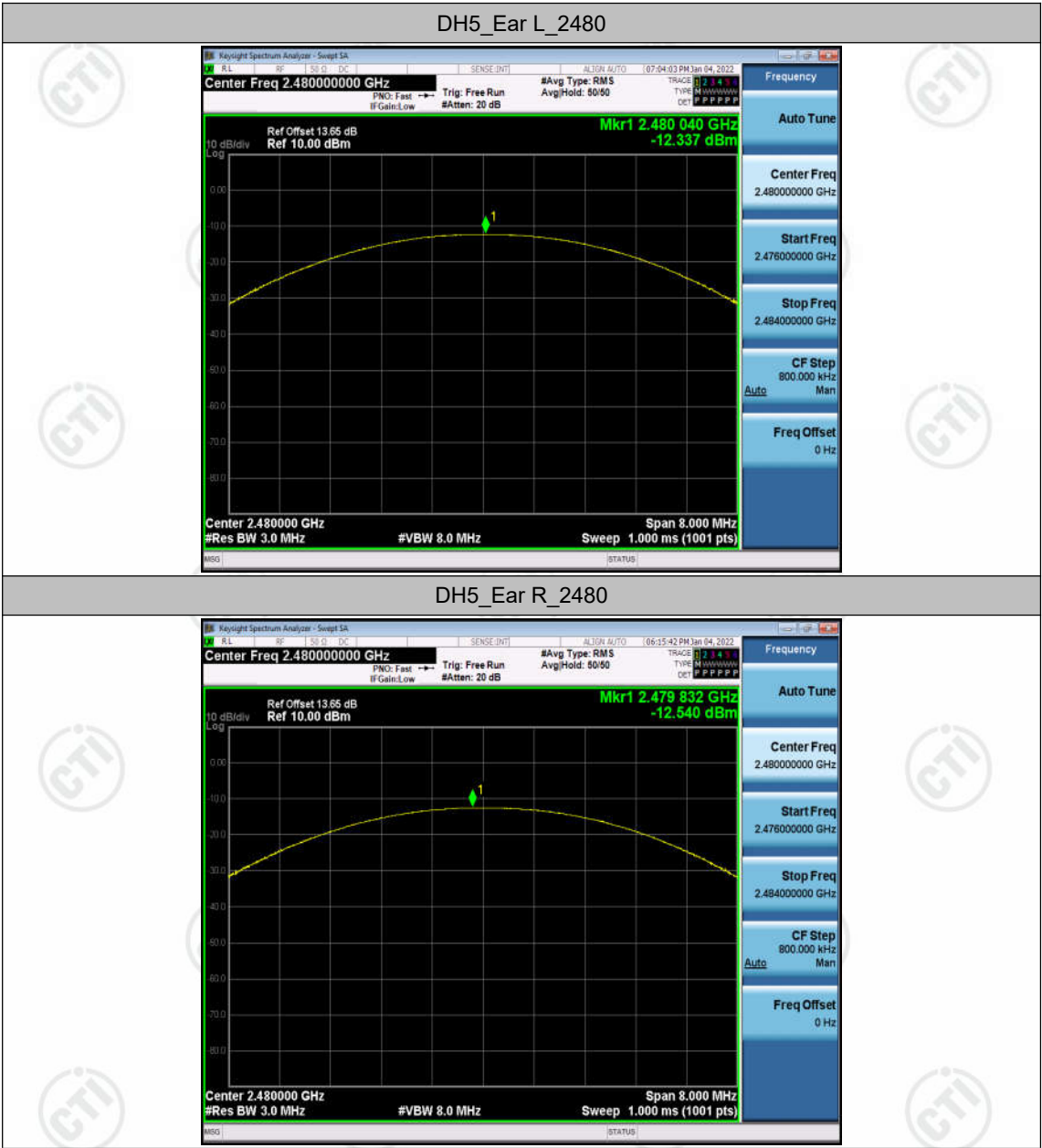
Test Result

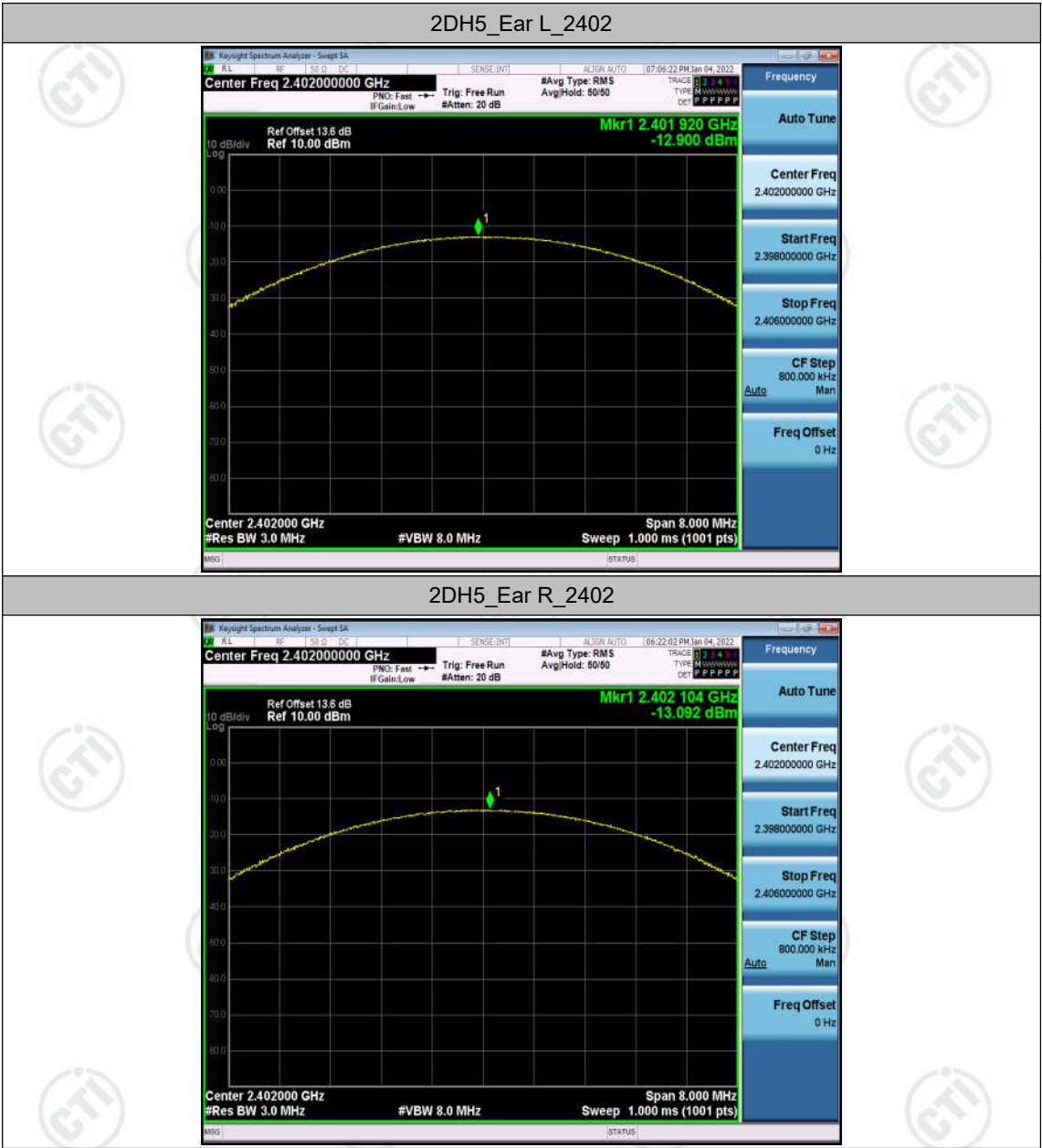
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ear L	2402	-13.7	<=20.97	PASS
	Ear R	2402	-14.05	<=20.97	PASS
	Ear L	2441	-13.17	<=20.97	PASS
	Ear R	2441	-13.23	<=20.97	PASS
	Ear L	2480	-12.34	<=20.97	PASS
	Ear R	2480	-12.54	<=20.97	PASS
2DH5	Ear L	2402	-12.9	<=20.97	PASS
	Ear R	2402	-13.09	<=20.97	PASS
	Ear L	2441	-12.35	<=20.97	PASS
	Ear R	2441	-12.37	<=20.97	PASS
	Ear L	2480	-11.38	<=20.97	PASS
	Ear R	2480	-11.72	<=20.97	PASS

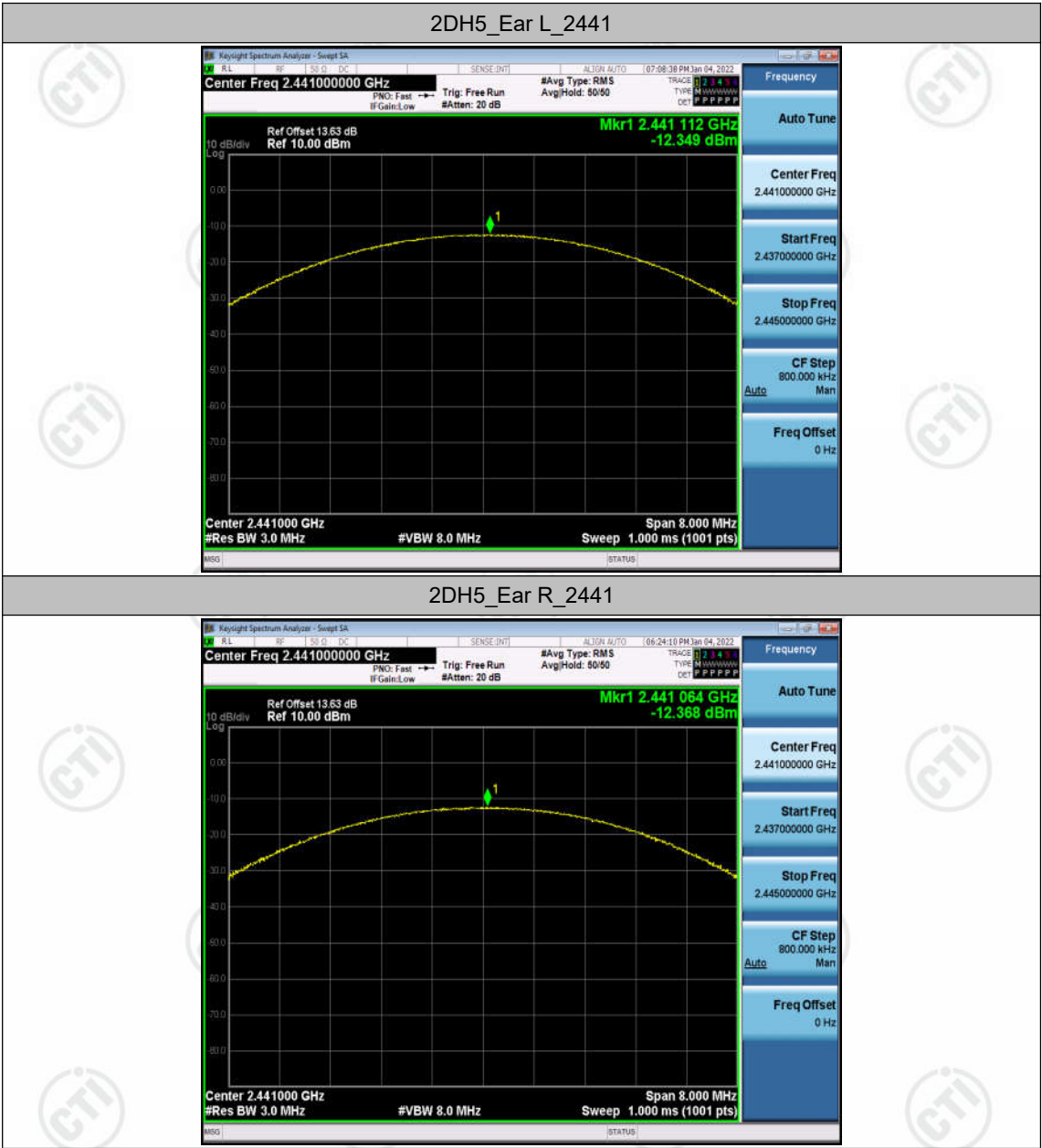
Test Graphs

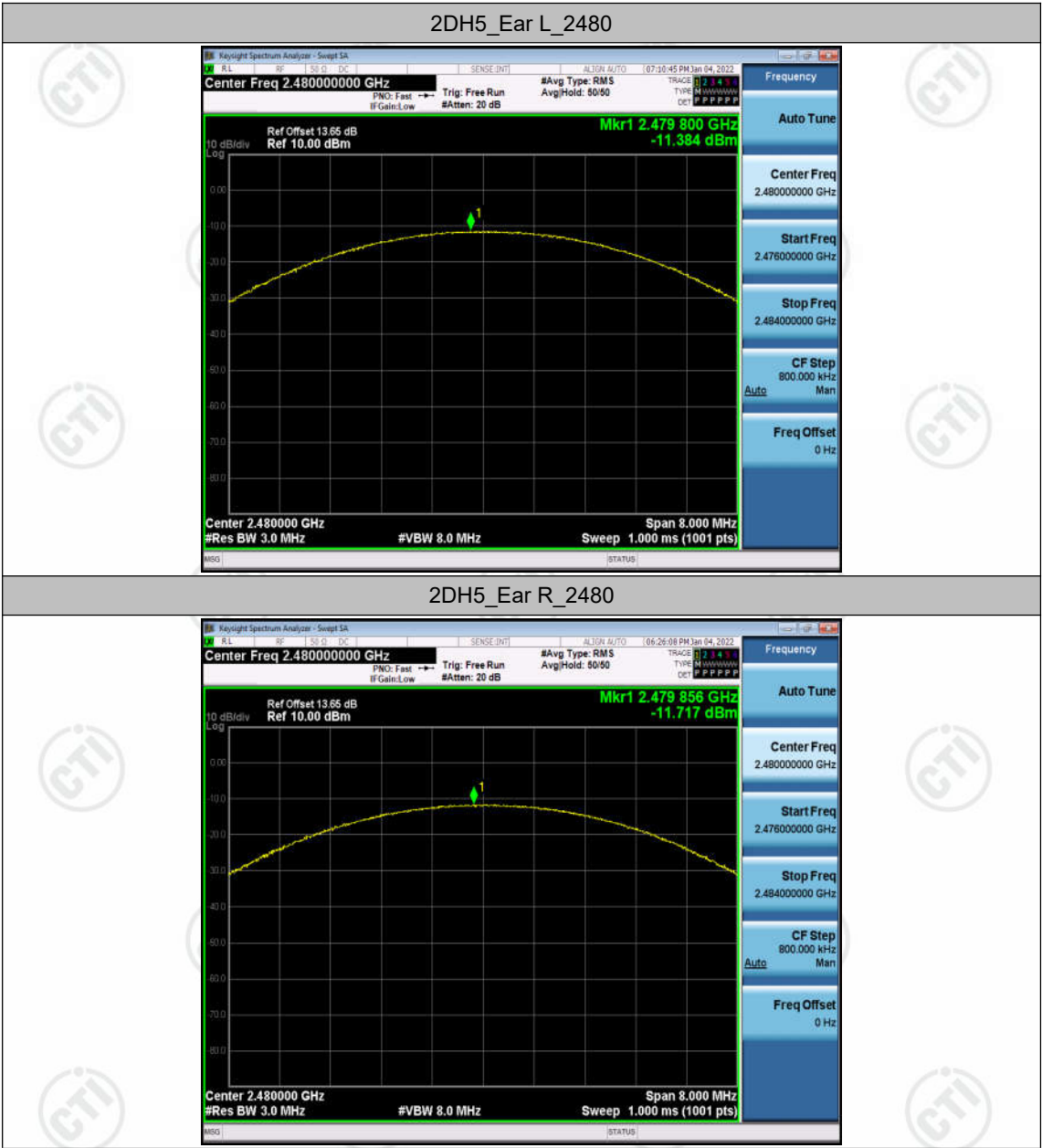










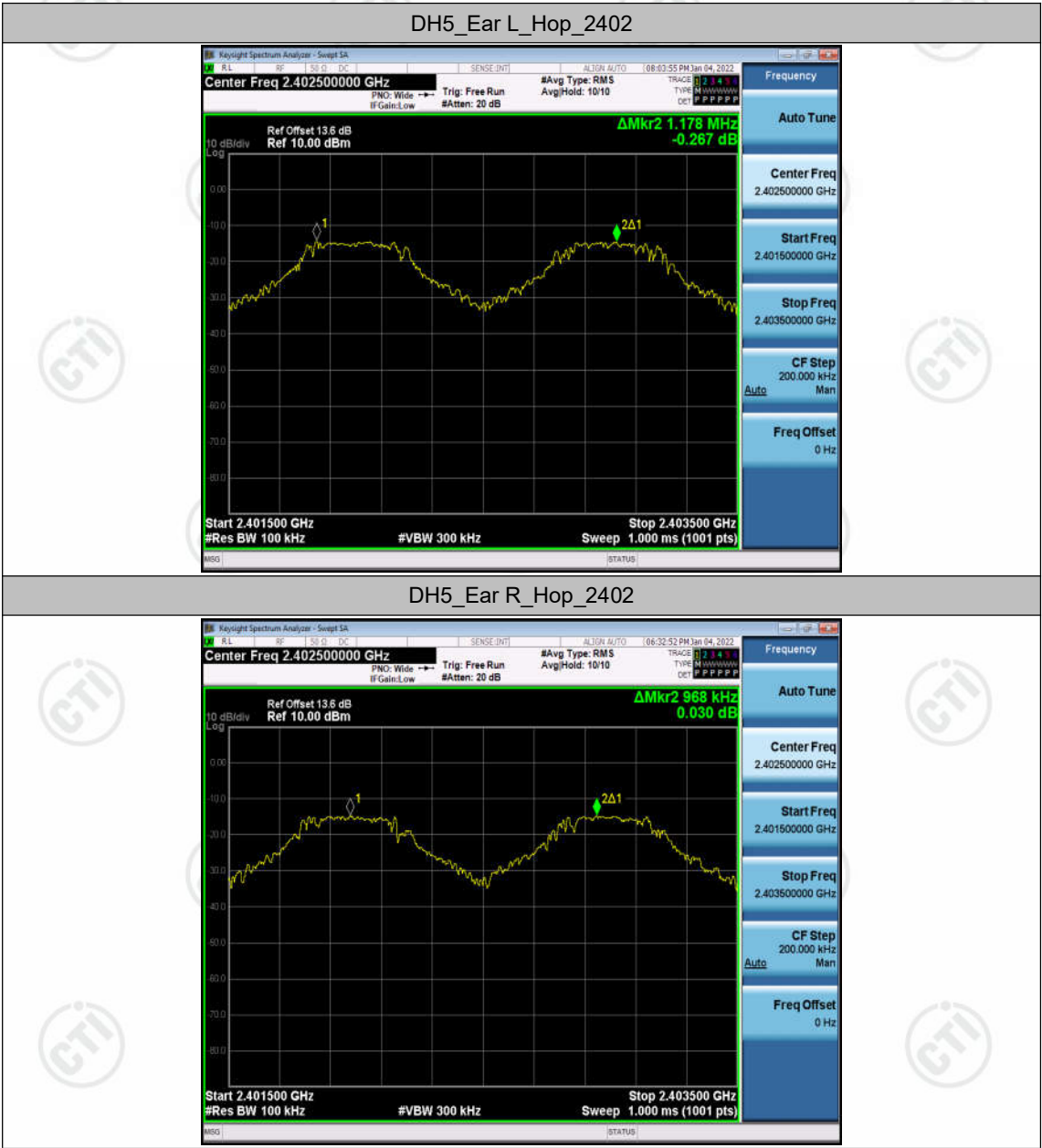


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ear L	Hop_2402	1.178	≥ 0.894	PASS
	Ear R	Hop_2402	0.968	≥ 0.894	PASS
	Ear L	Hop_2441	1.008	≥ 0.894	PASS
	Ear R	Hop_2441	1.002	≥ 0.894	PASS
	Ear L	Hop_2480	1.178	≥ 0.894	PASS
	Ear R	Hop_2480	0.982	≥ 0.894	PASS
2DH5	Ear L	Hop_2402	1.016	≥ 0.870	PASS
	Ear R	Hop_2402	1.028	≥ 0.870	PASS
	Ear L	Hop_2441	0.99	≥ 0.870	PASS
	Ear R	Hop_2441	0.97	≥ 0.870	PASS
	Ear L	Hop_2480	1.01	≥ 0.870	PASS
	Ear R	Hop_2480	1.008	≥ 0.870	PASS

Test Graphs



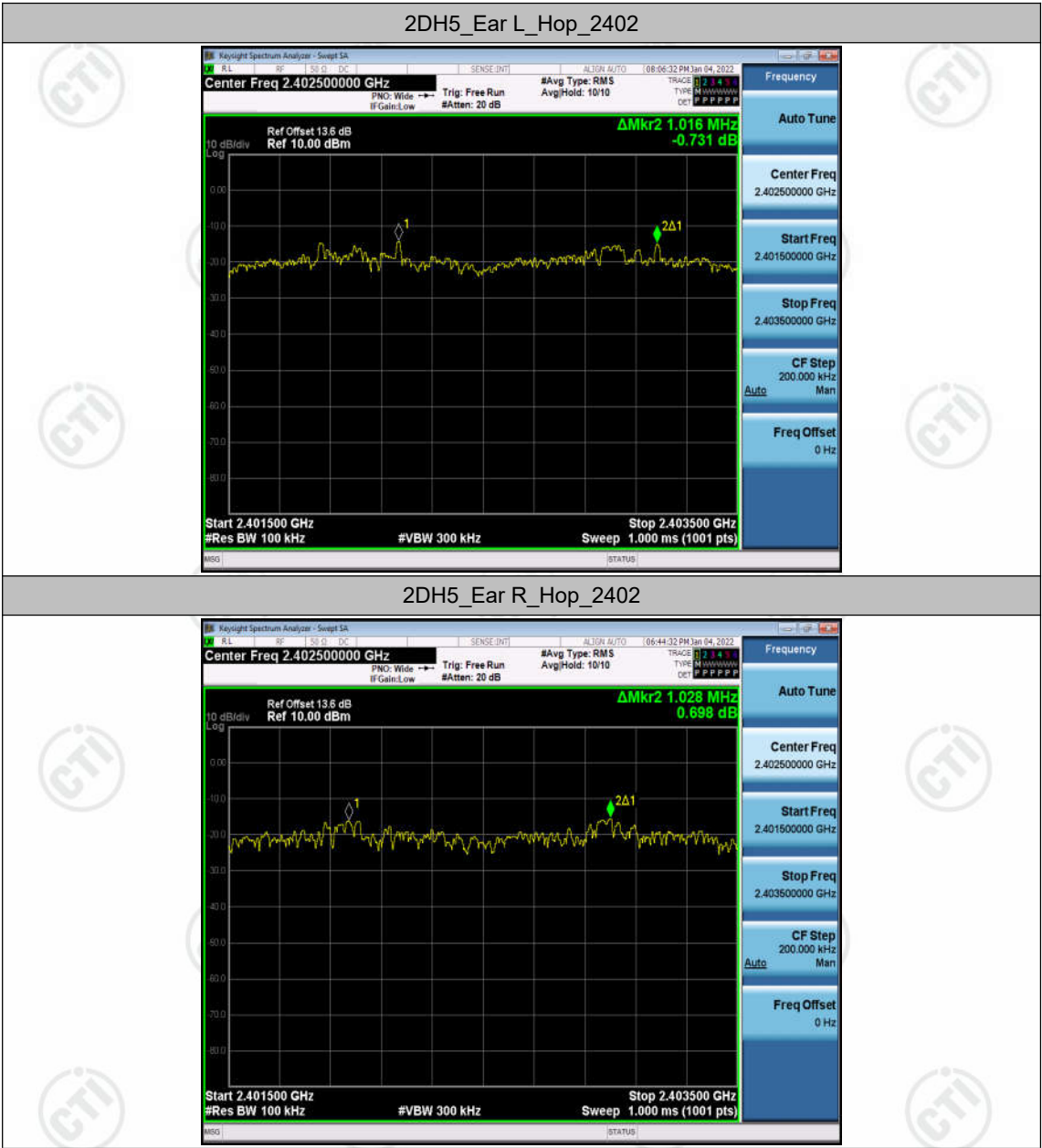


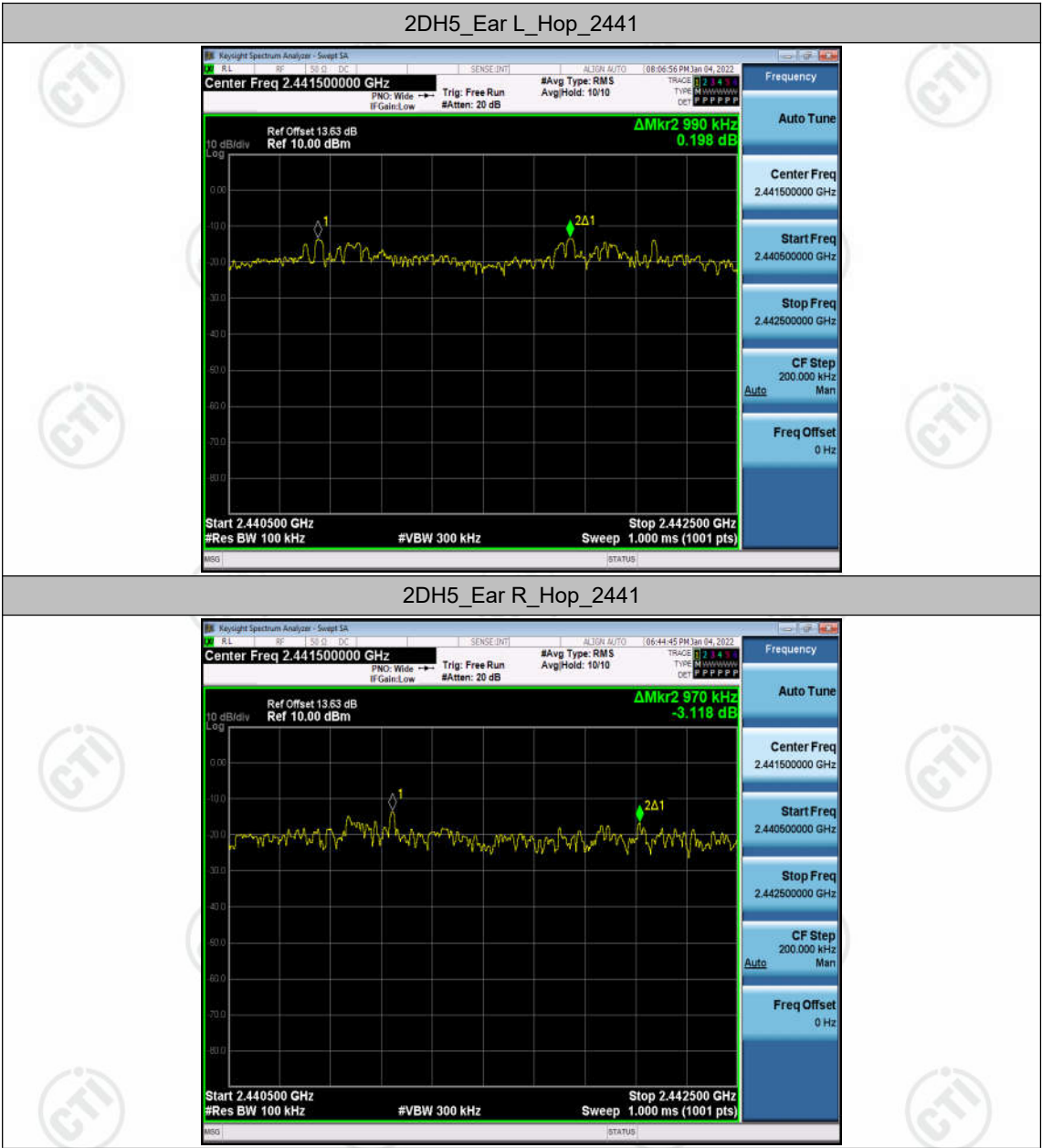
DH5_Ear L_Hop_2480

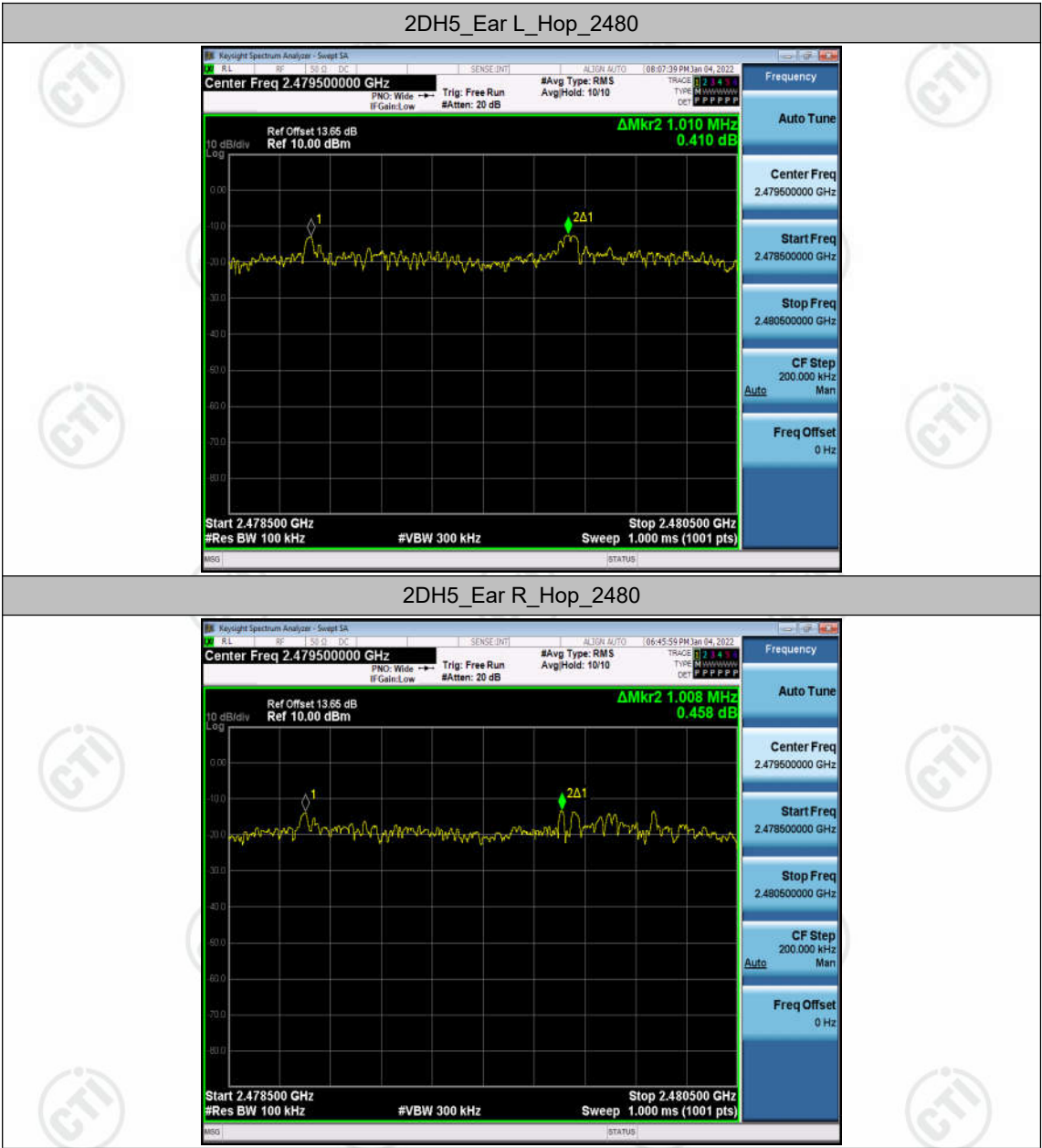


DH5_Ear R_Hop_2480







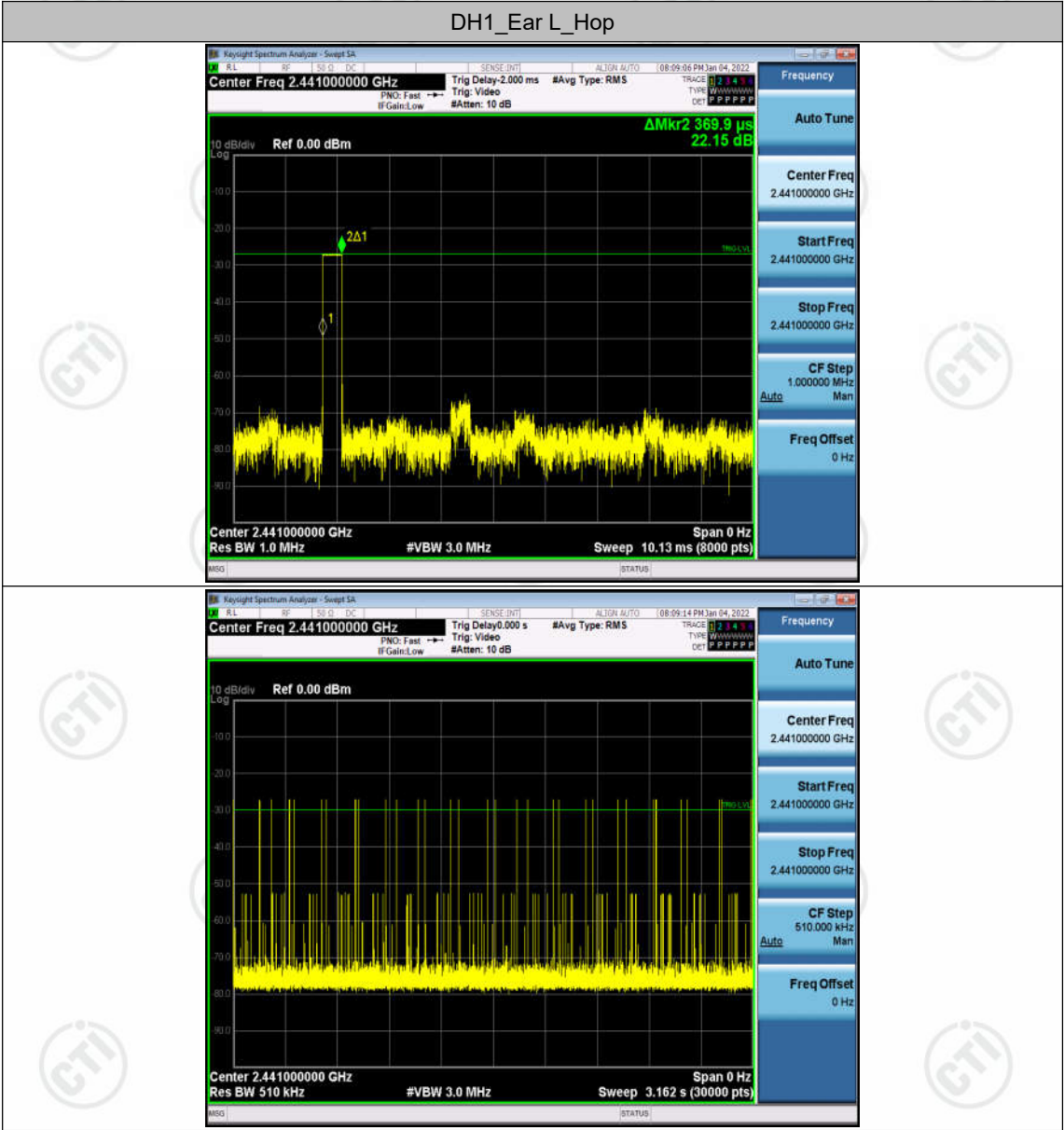


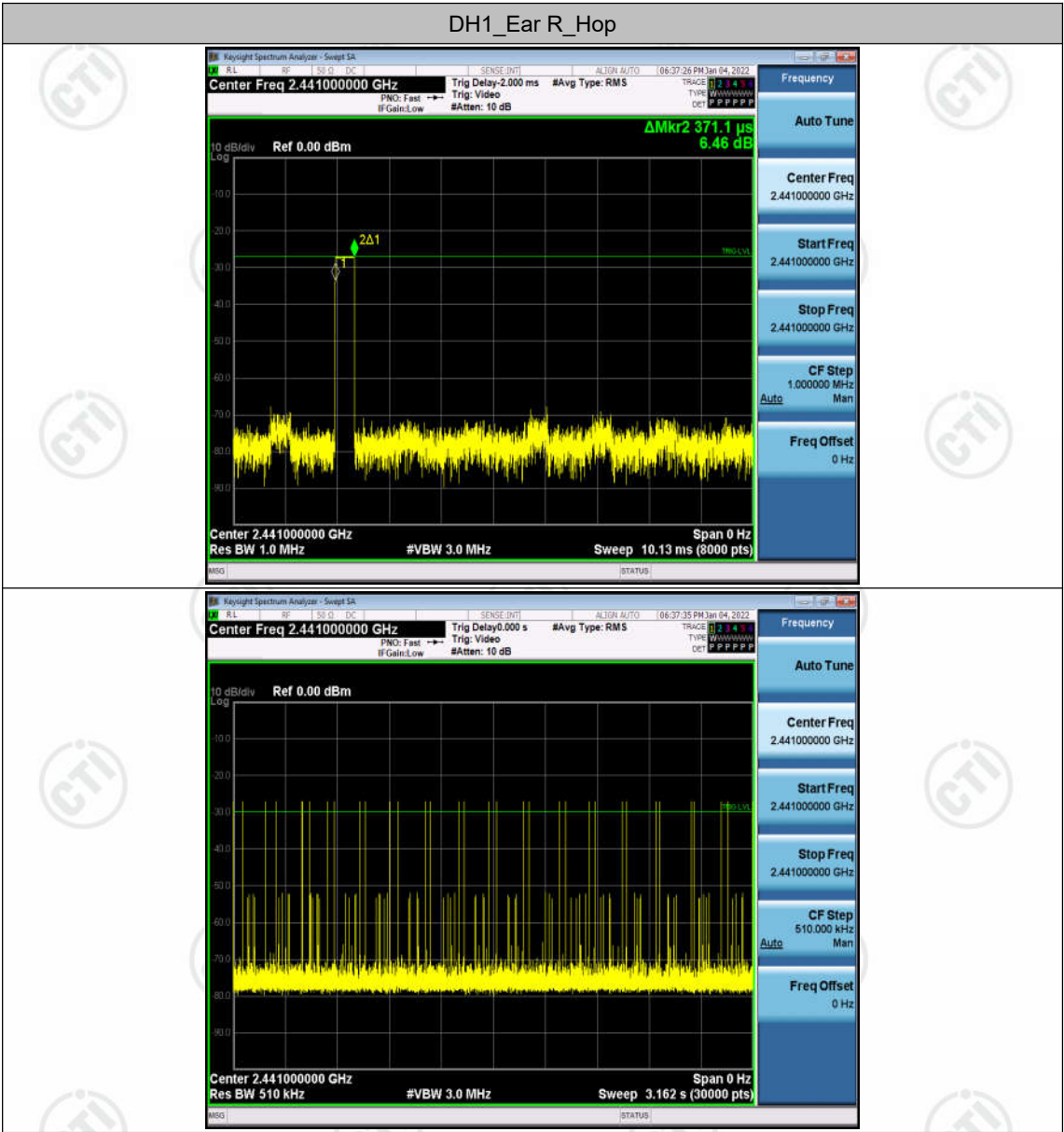
Appendix E: Time of occupancy

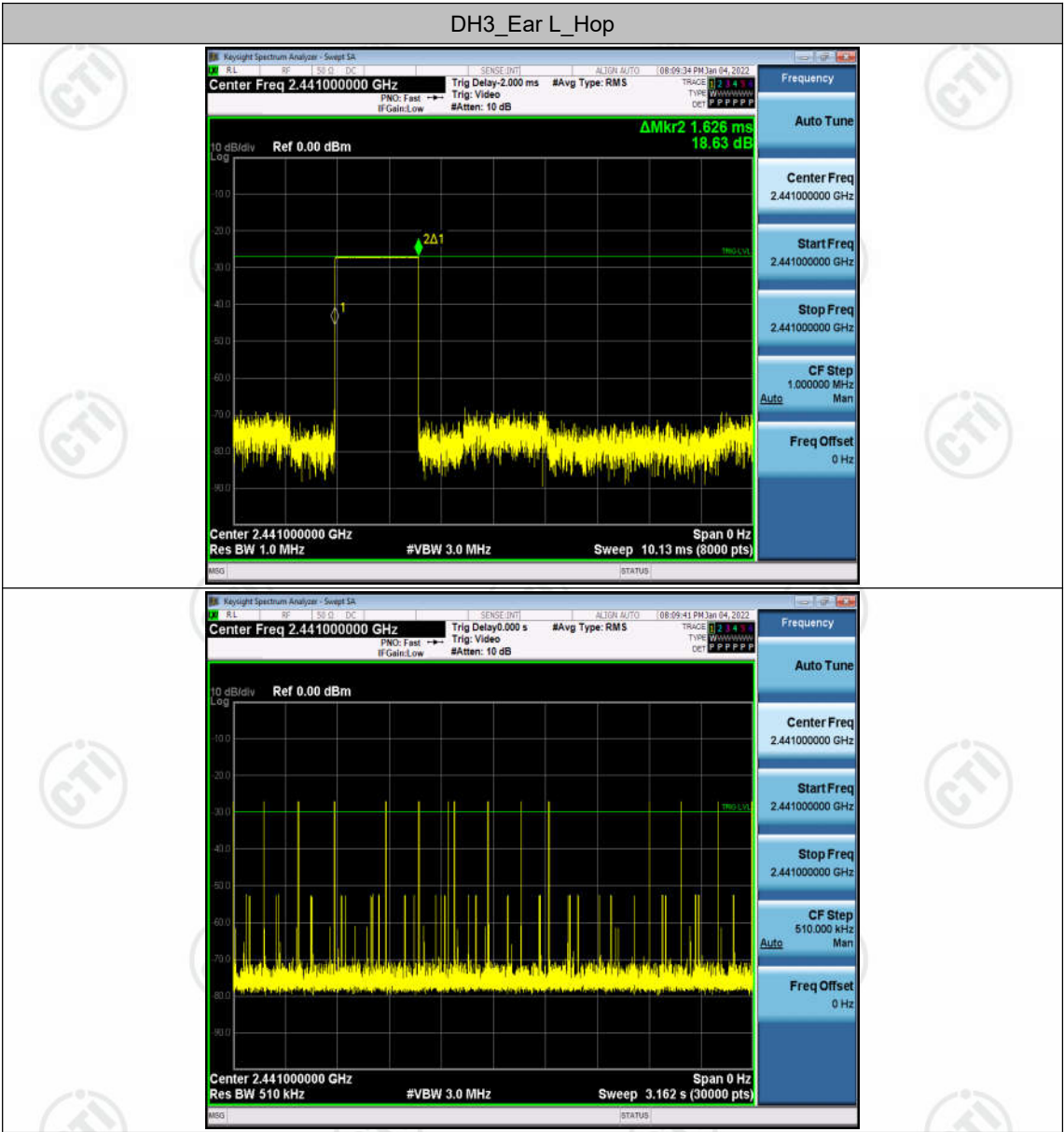
Test Result

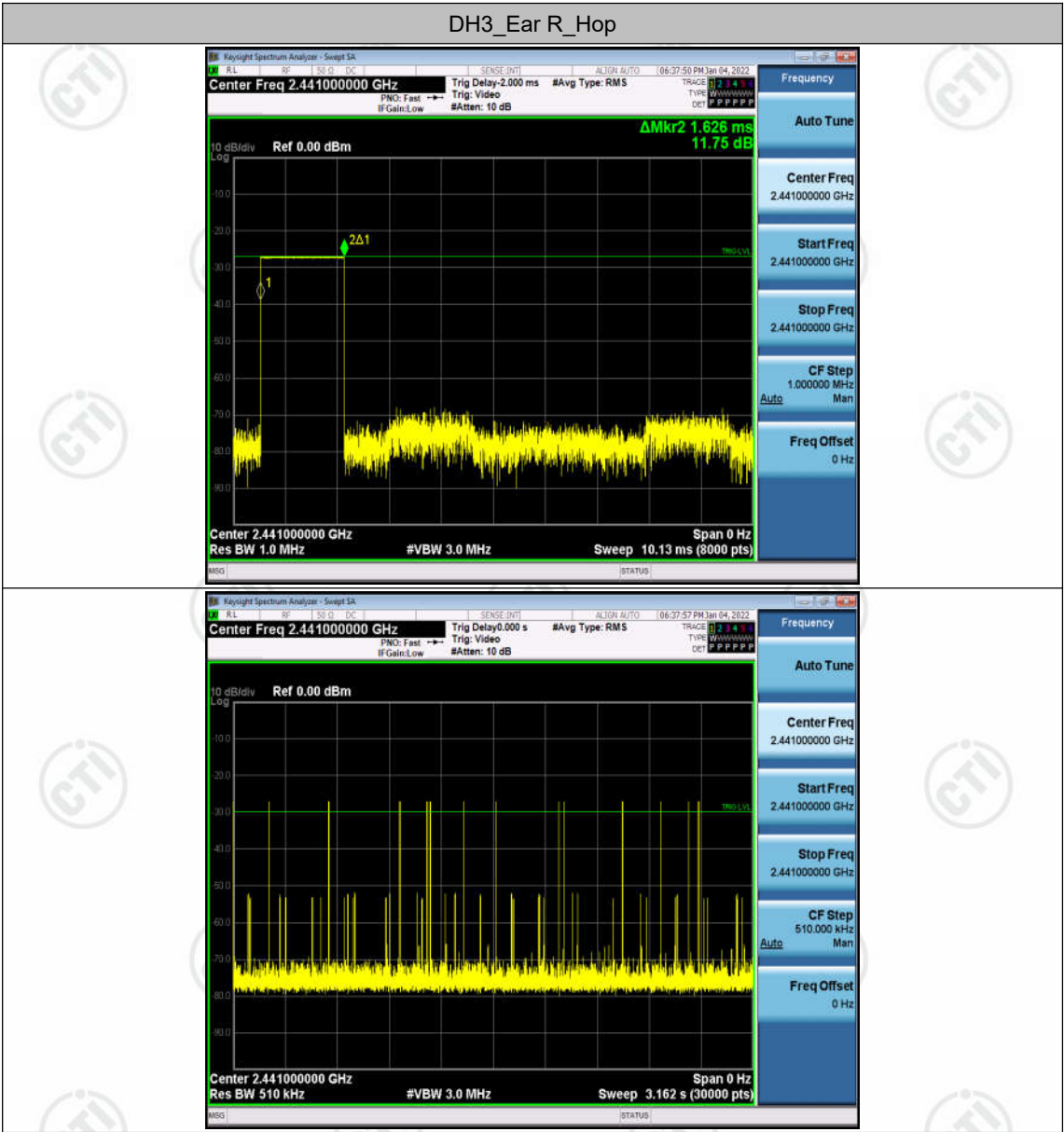
Test Mode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ear L	Hop	0.37	330	0.122	<=0.4	PASS
	Ear R	Hop	0.37	330	0.122	<=0.4	PASS
DH3	Ear L	Hop	1.63	150	0.244	<=0.4	PASS
	Ear R	Hop	1.63	140	0.228	<=0.4	PASS
DH5	Ear L	Hop	2.88	100	0.288	<=0.4	PASS
	Ear R	Hop	2.87	130	0.373	<=0.4	PASS
2DH1	Ear L	Hop	0.38	330	0.125	<=0.4	PASS
	Ear R	Hop	0.38	330	0.125	<=0.4	PASS
2DH3	Ear L	Hop	1.63	150	0.245	<=0.4	PASS
	Ear R	Hop	1.63	210	0.343	<=0.4	PASS
2DH5	Ear L	Hop	2.88	130	0.374	<=0.4	PASS
	Ear R	Hop	2.88	100	0.288	<=0.4	PASS

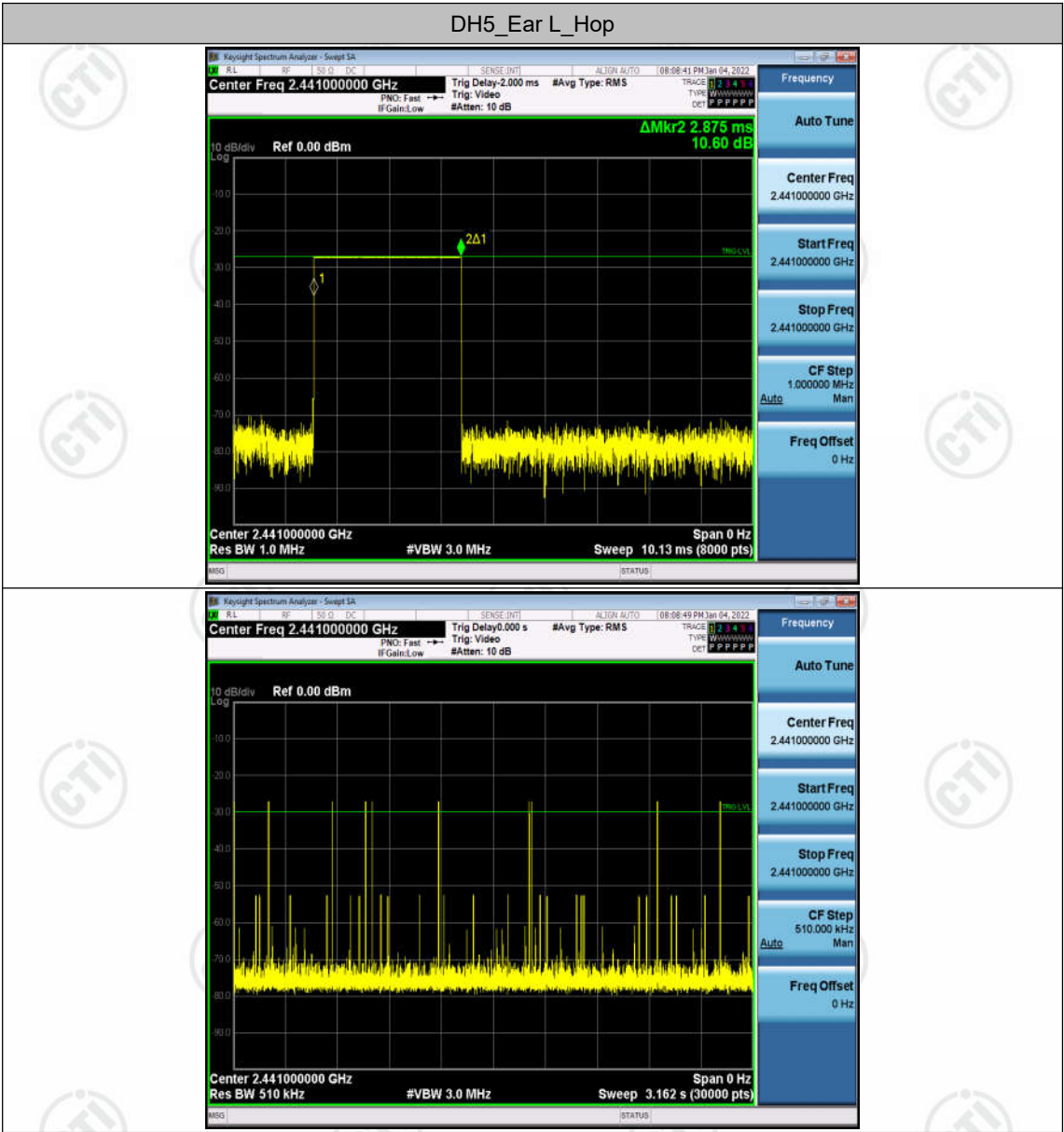
Test Graphs

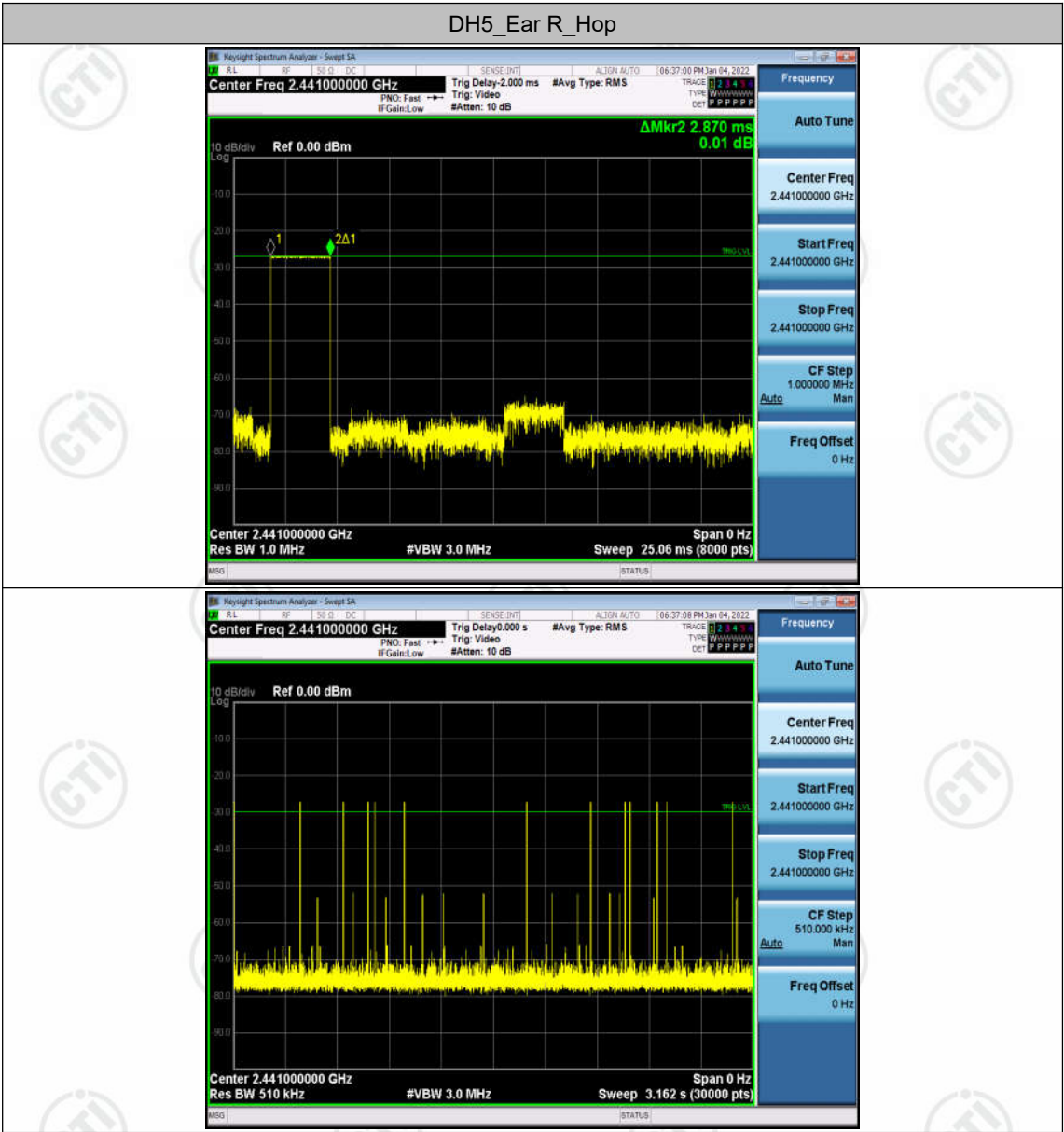


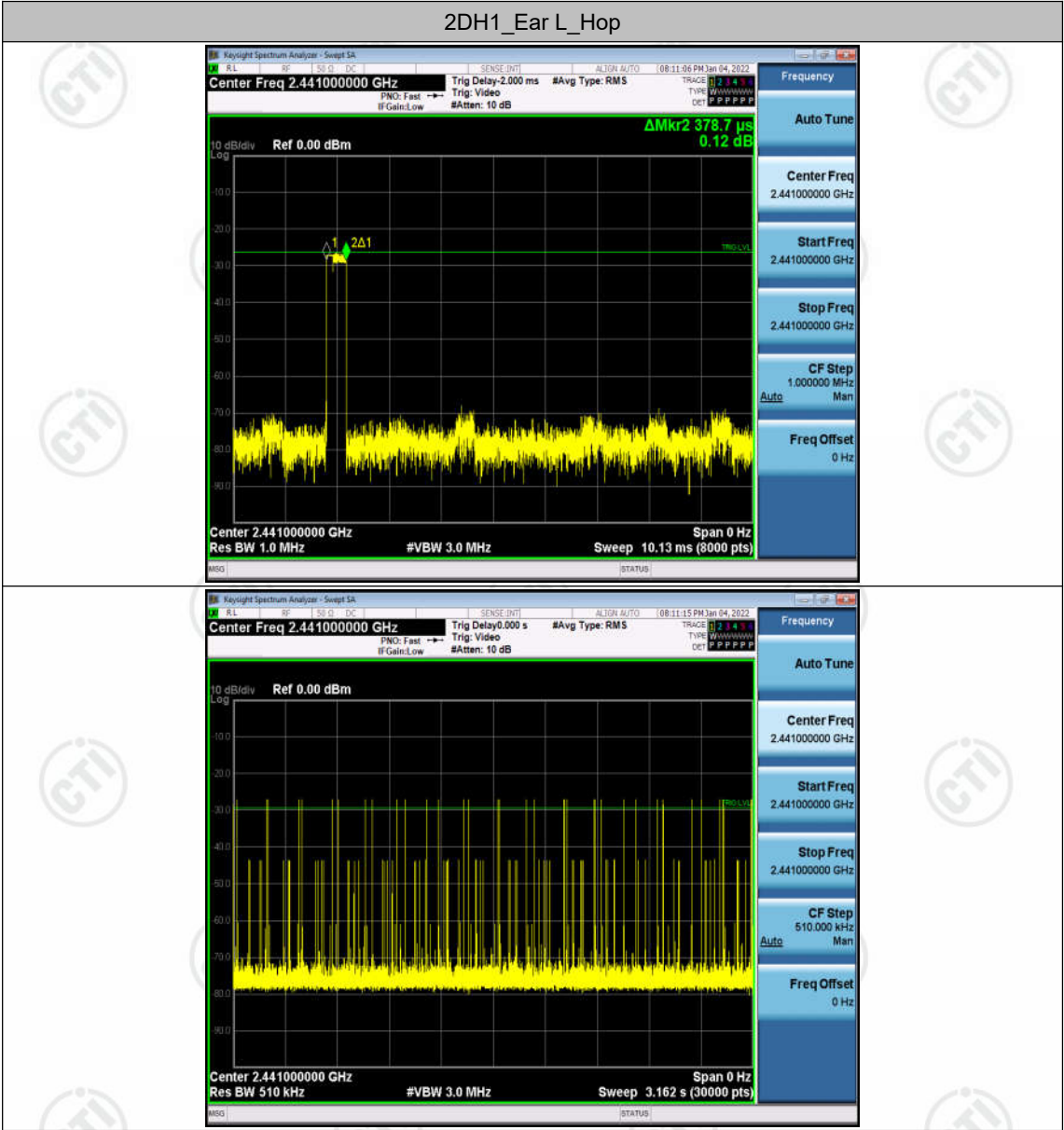


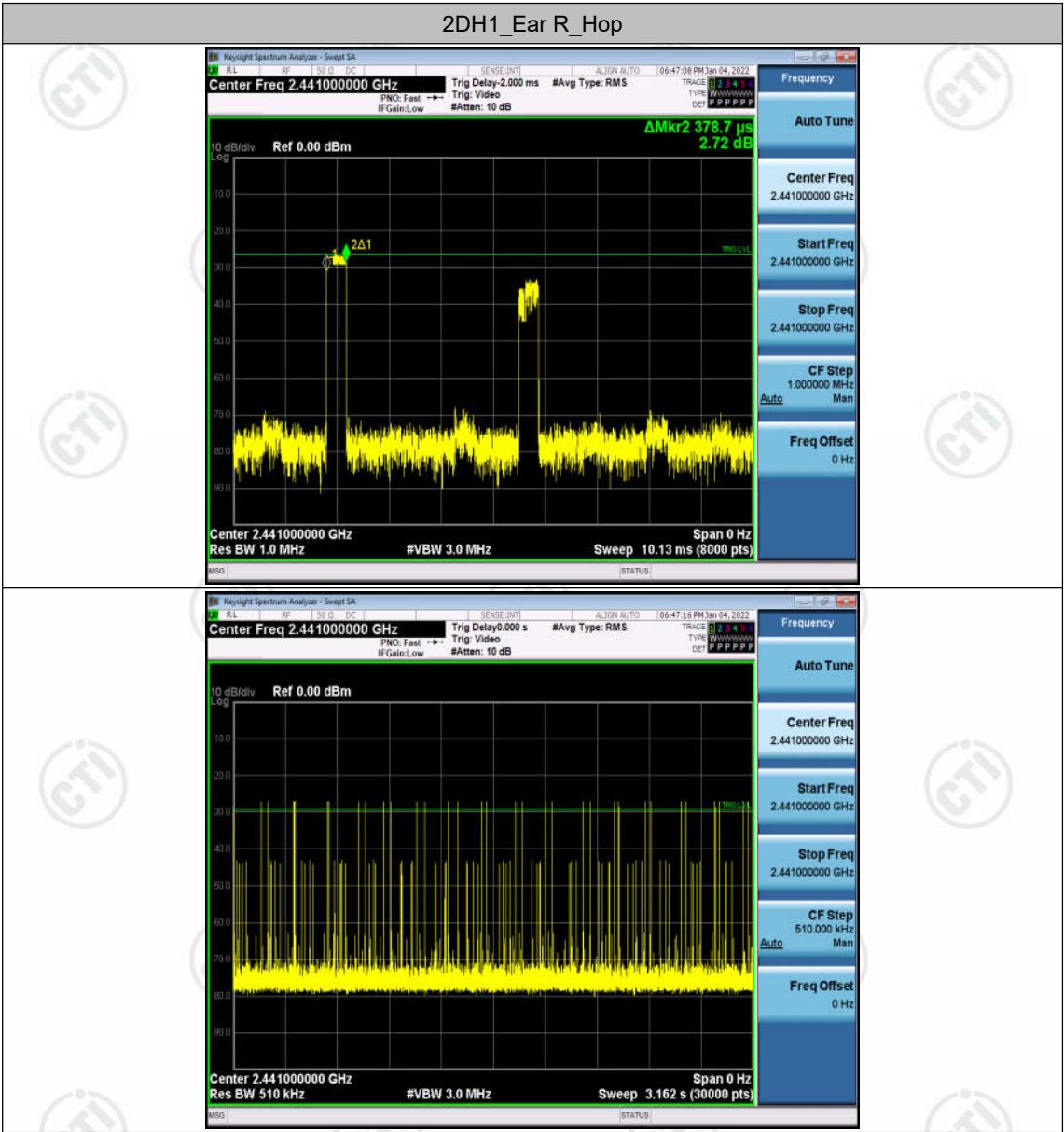


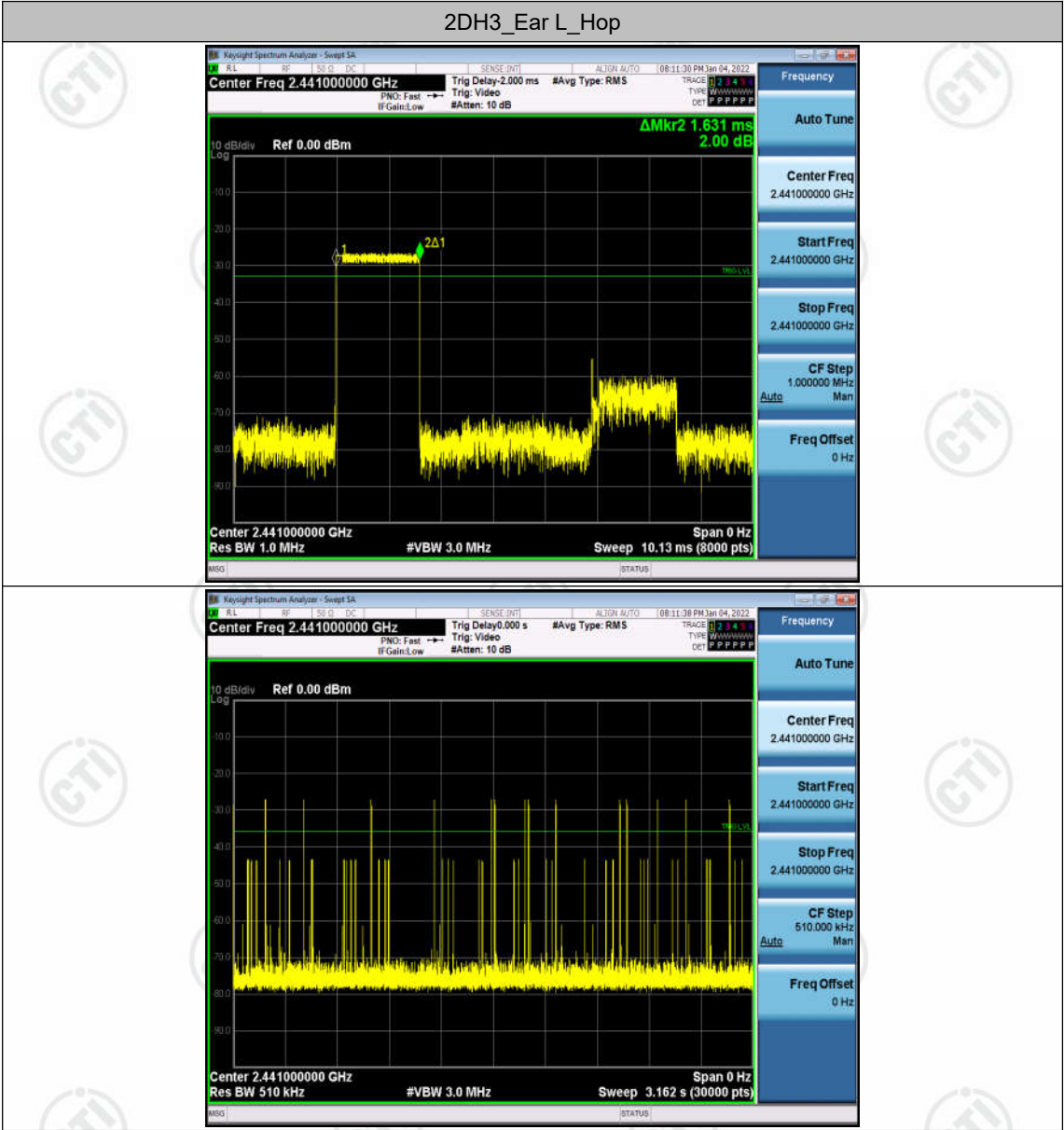


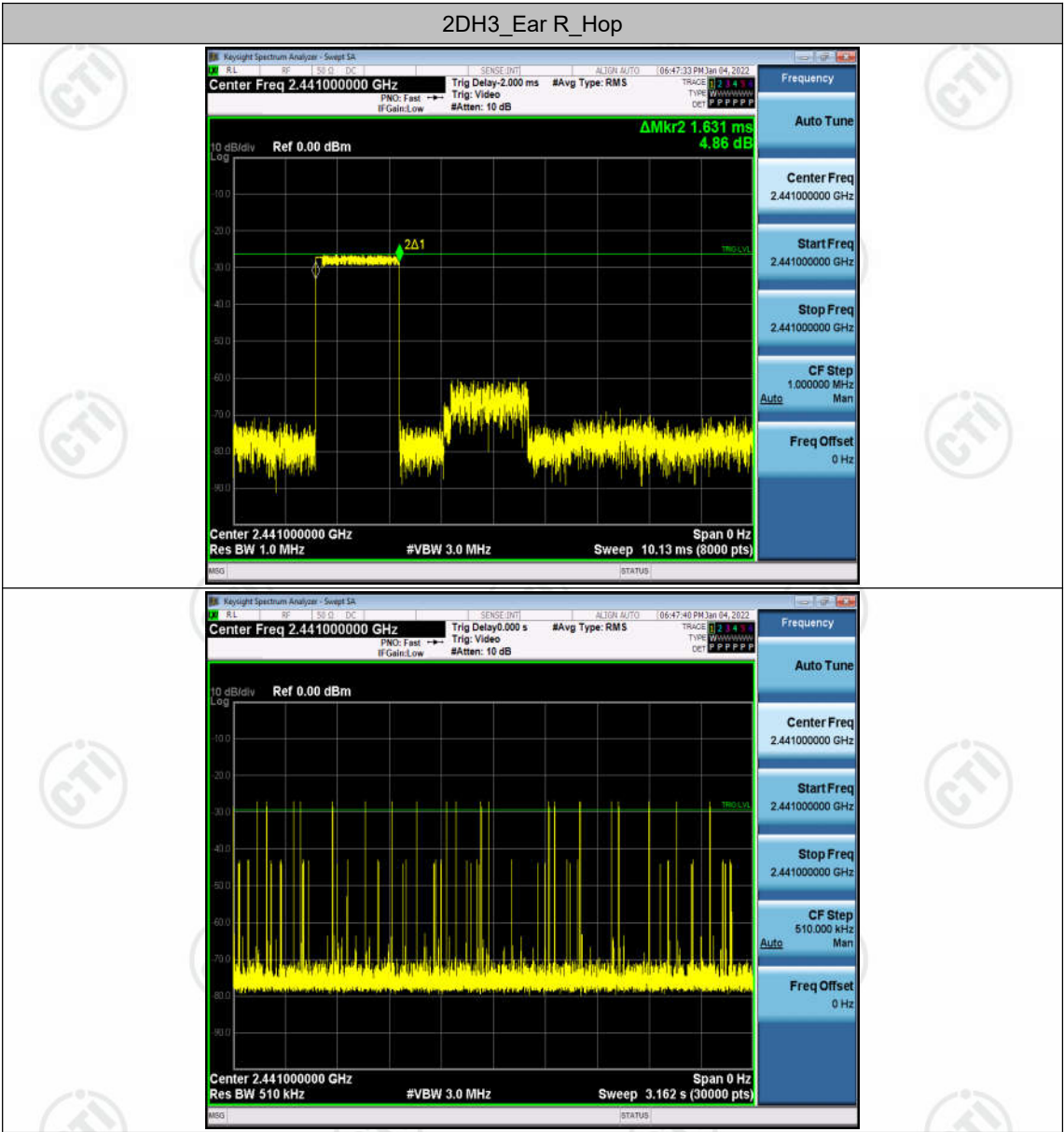


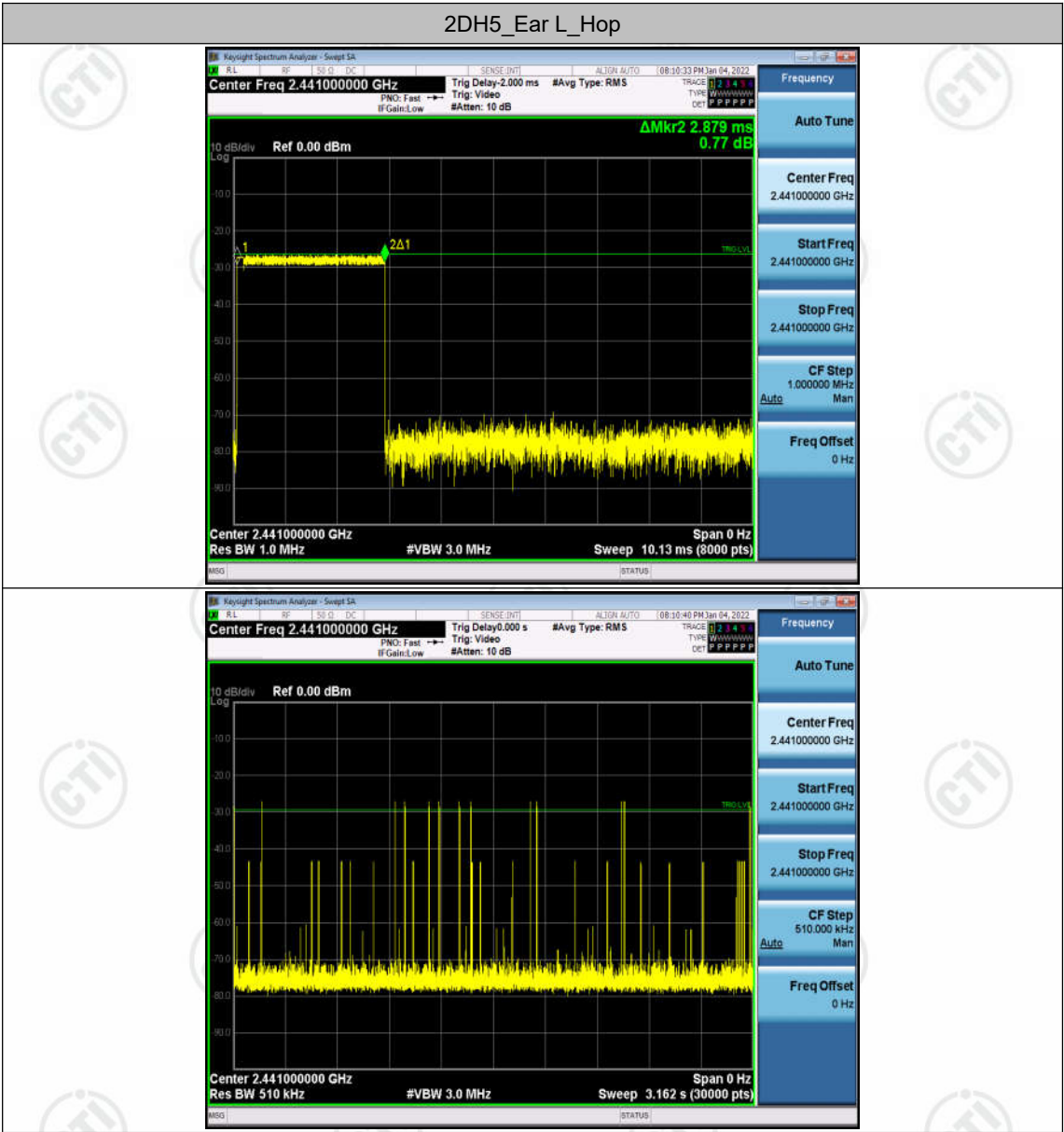


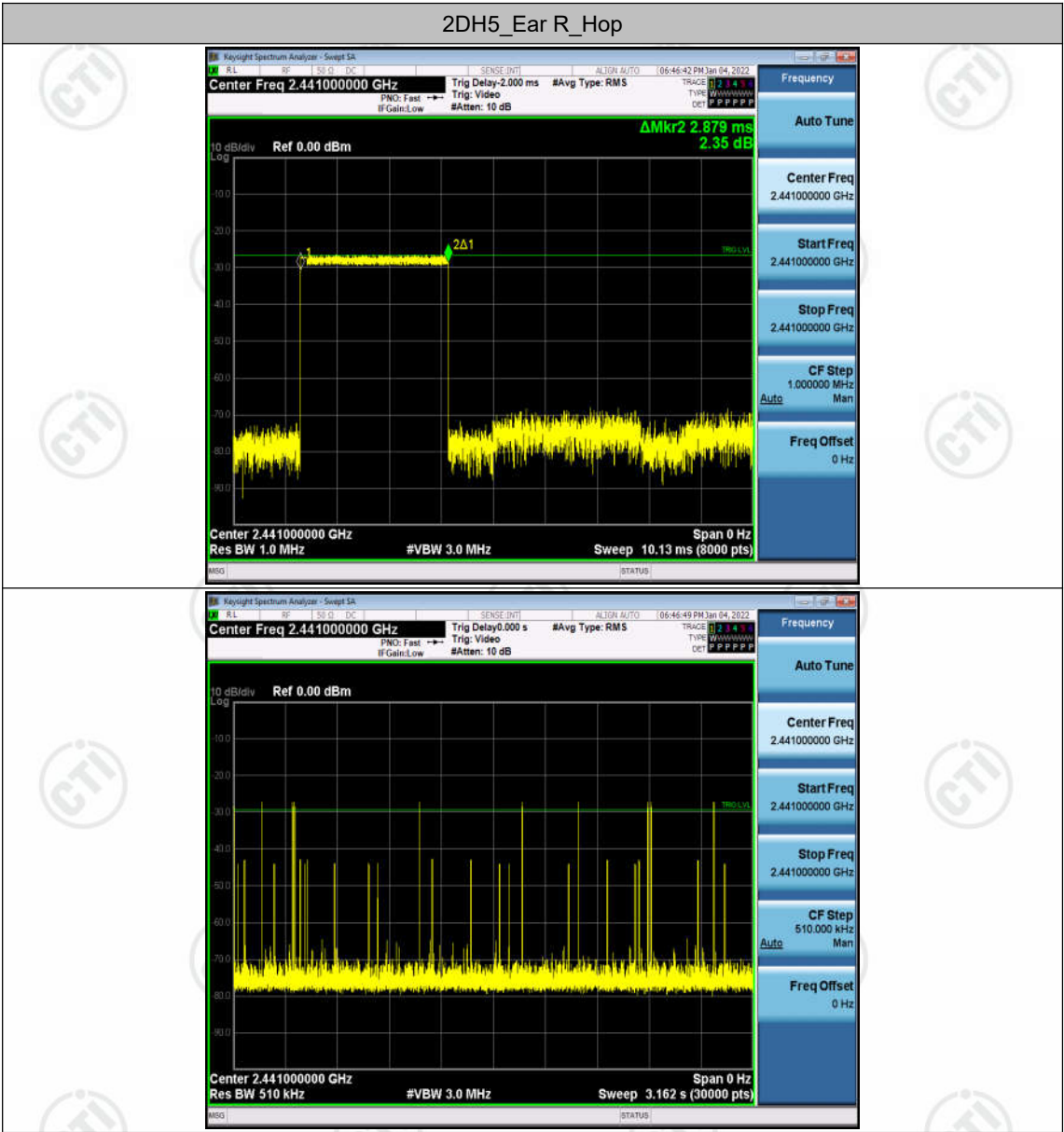












Appendix F: Number of hopping channels

Test Result

Test Mode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ear L	Hop	79	>=15	PASS
	Ear R	Hop	79	>=15	PASS
2DH5	Ear L	Hop	79	>=15	PASS
	Ear R	Hop	79	>=15	PASS