



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Fitness Walker

Test Model: CS-WP3

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Monkey Li
Supervised by:	Ling Zhu





A.1 20dB Emission Bandwidth

Test Result

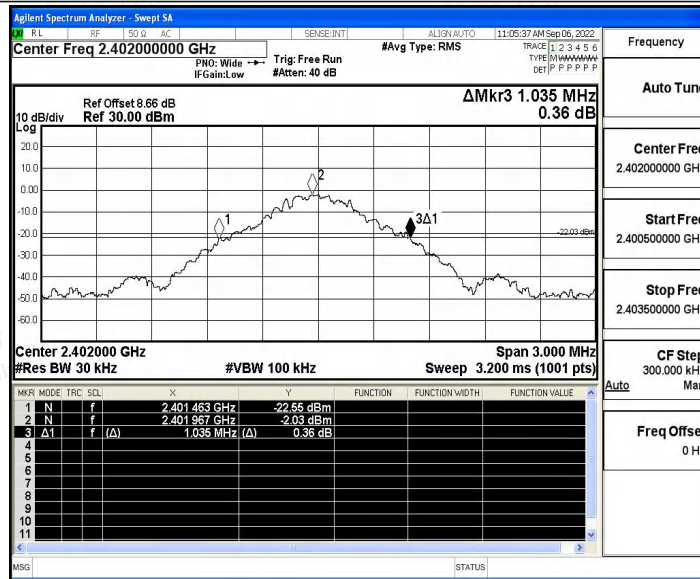
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Verdict
DH5	Ant1	2402	1.035	2401.463	2402.498	---
		2441	1.035	2440.460	2441.495	---
		2480	0.984	2479.517	2480.501	---
2DH5	Ant1	2402	1.335	2401.319	2402.654	---
		2441	1.290	2440.355	2441.645	---
		2480	1.293	2479.352	2480.645	---
3DH5	Ant1	2402	1.335	2401.322	2402.657	---
		2441	1.326	2440.328	2441.654	---
		2480	1.293	2479.340	2480.633	---



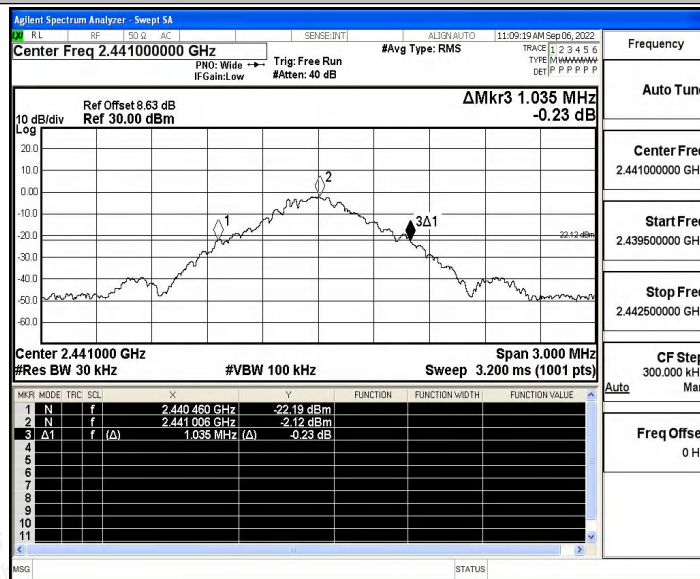


Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

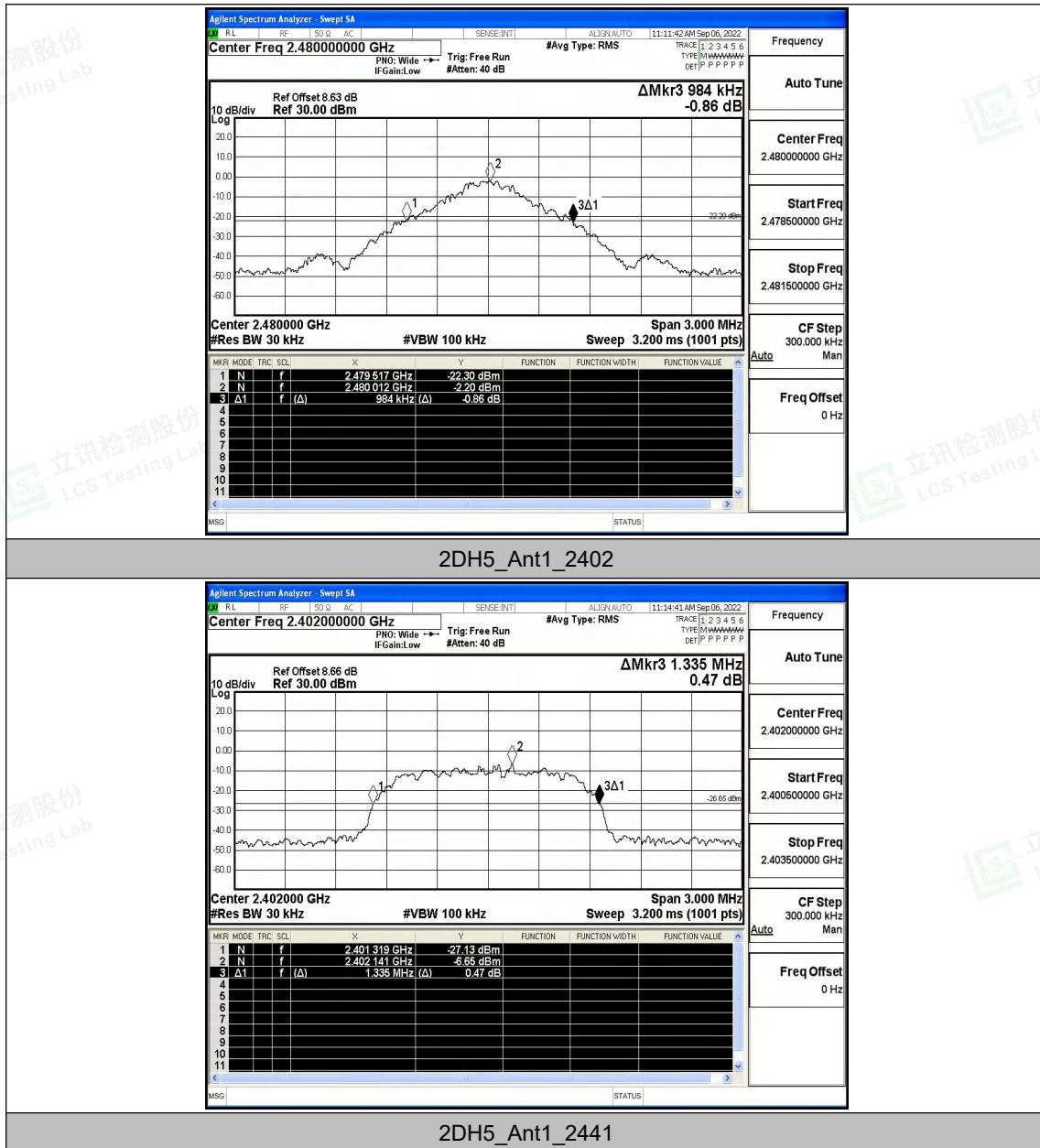


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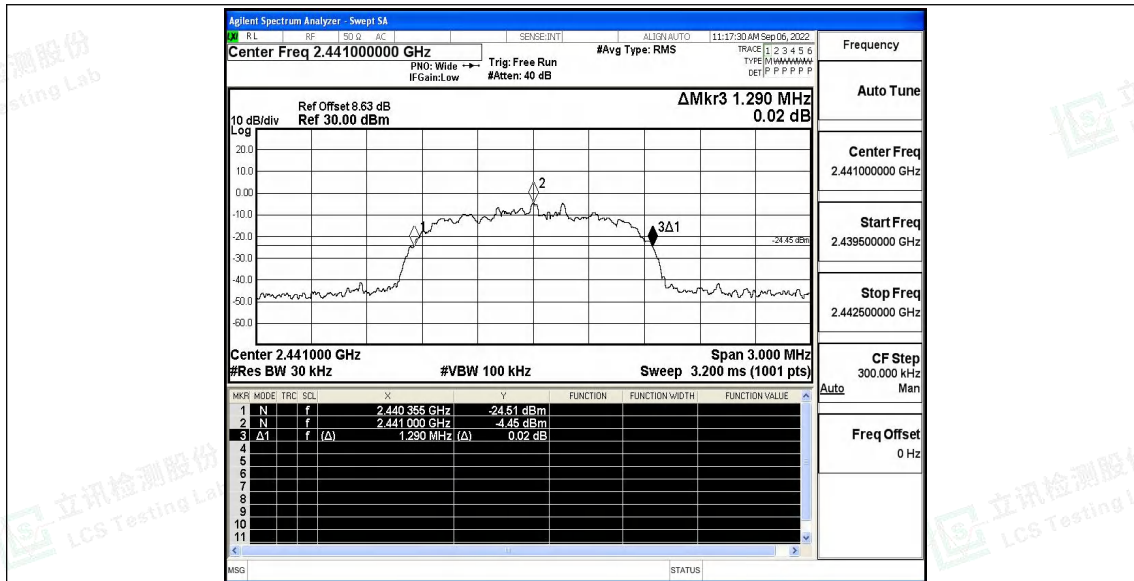


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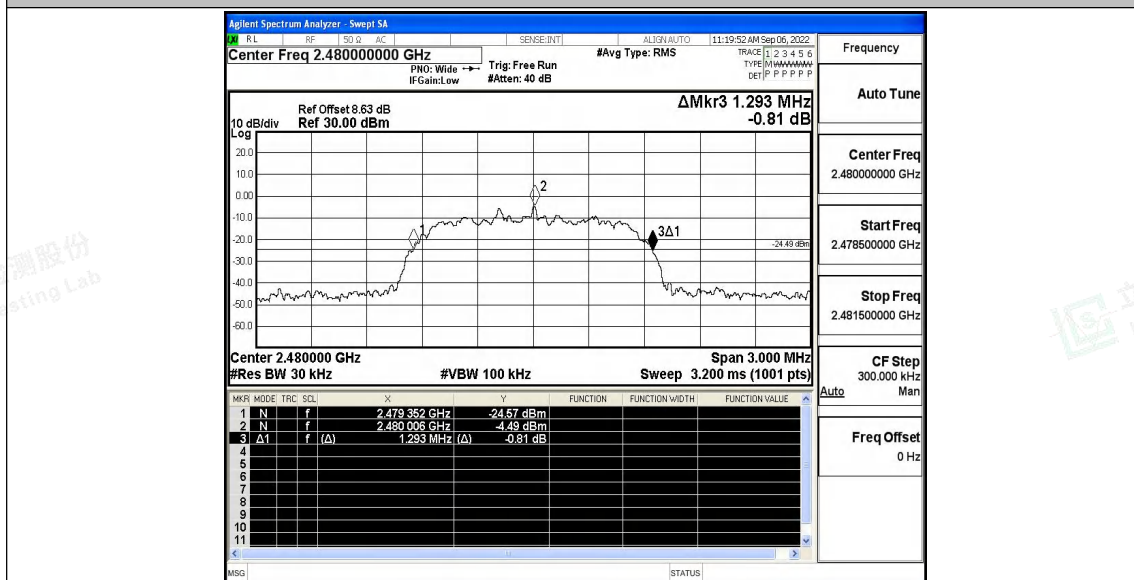
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2DH5_Ant1_2480



3DH5_Ant1_2402

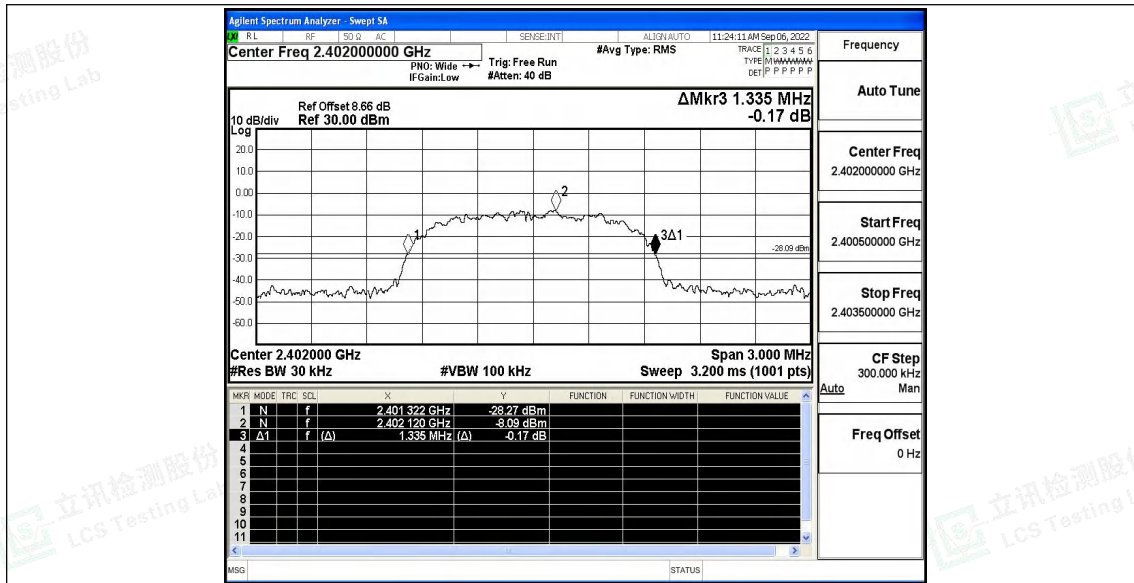


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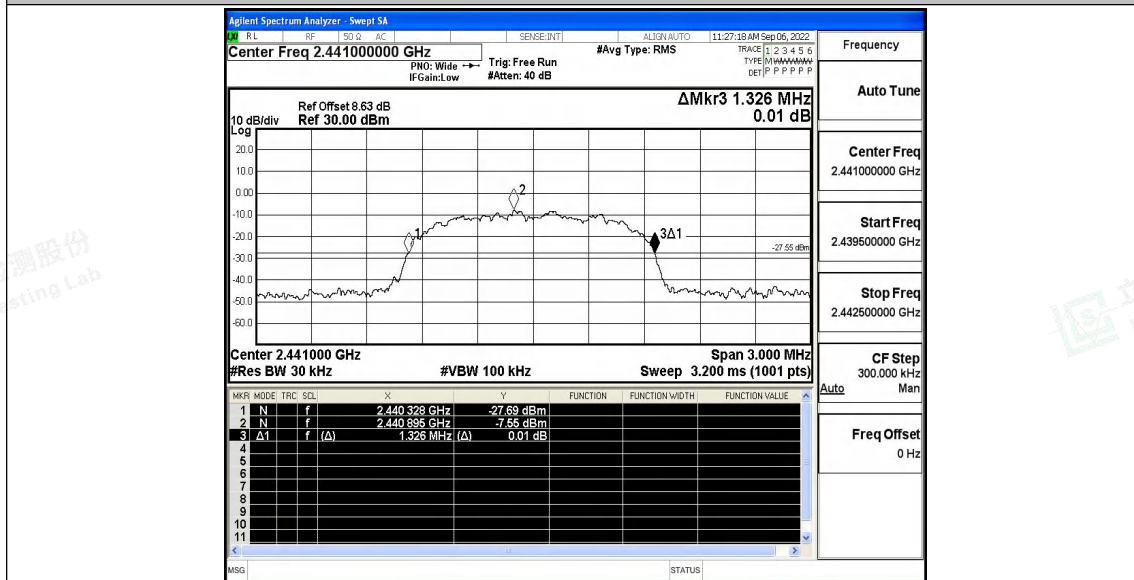
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3DH5_Ant1_2441



3DH5_Ant1_2480

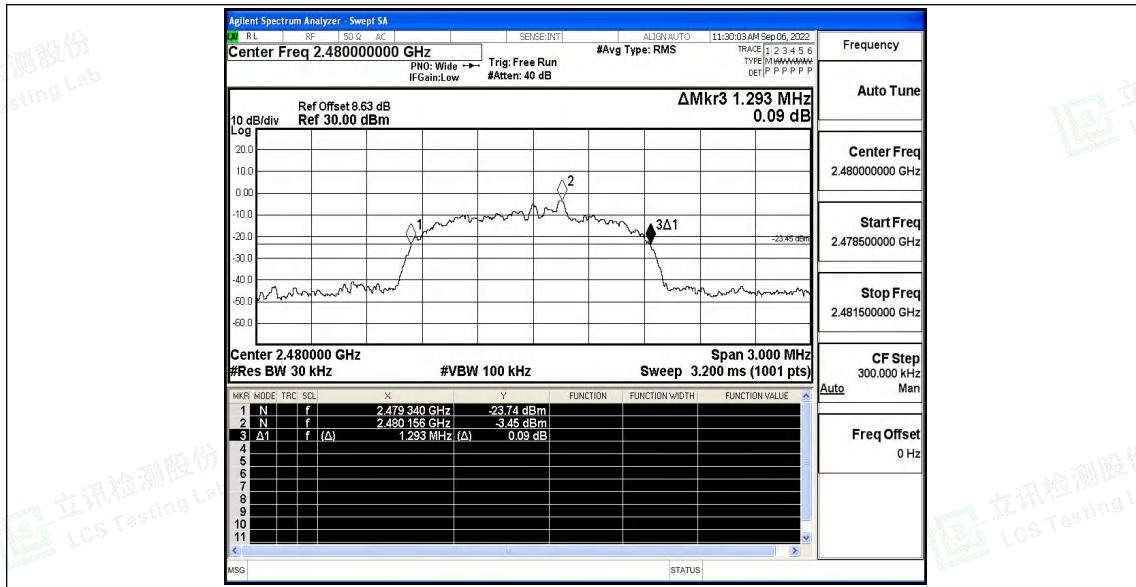


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A.2 Occupied Channel Bandwidth

Test Result

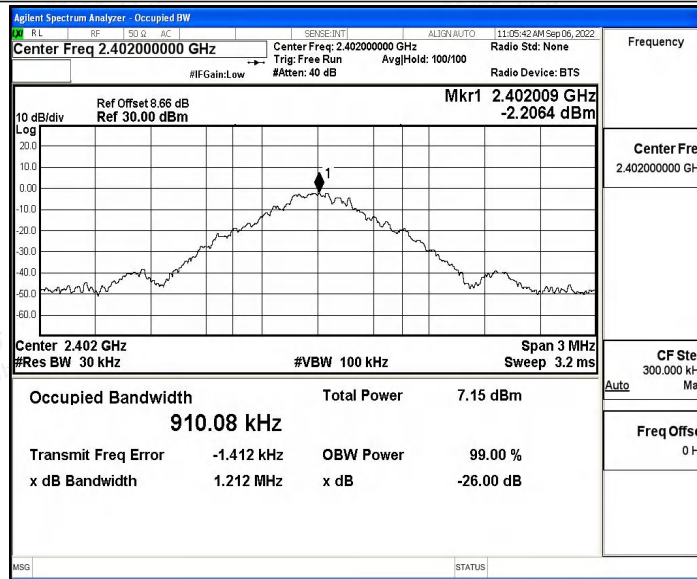
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.91008	2401.5436	2402.4536	---	---
		2441	0.89160	2440.5506	2441.4422	---	---
		2480	0.91077	2479.5429	2480.4537	---	---
2DH5	Ant1	2402	1.1779	2401.3998	2402.5777	---	---
		2441	1.1771	2440.3991	2441.5762	---	---
		2480	1.1877	2479.3943	2480.5820	---	---
3DH5	Ant1	2402	1.1816	2401.3991	2402.5807	---	---
		2441	1.1920	2440.3909	2441.5829	---	---
		2480	1.1879	2479.3934	2480.5813	---	---



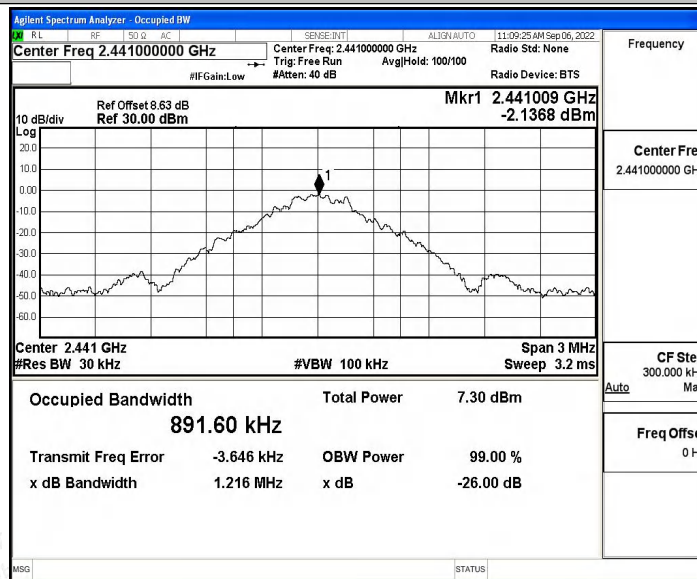


Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



DH5_Ant1_2480

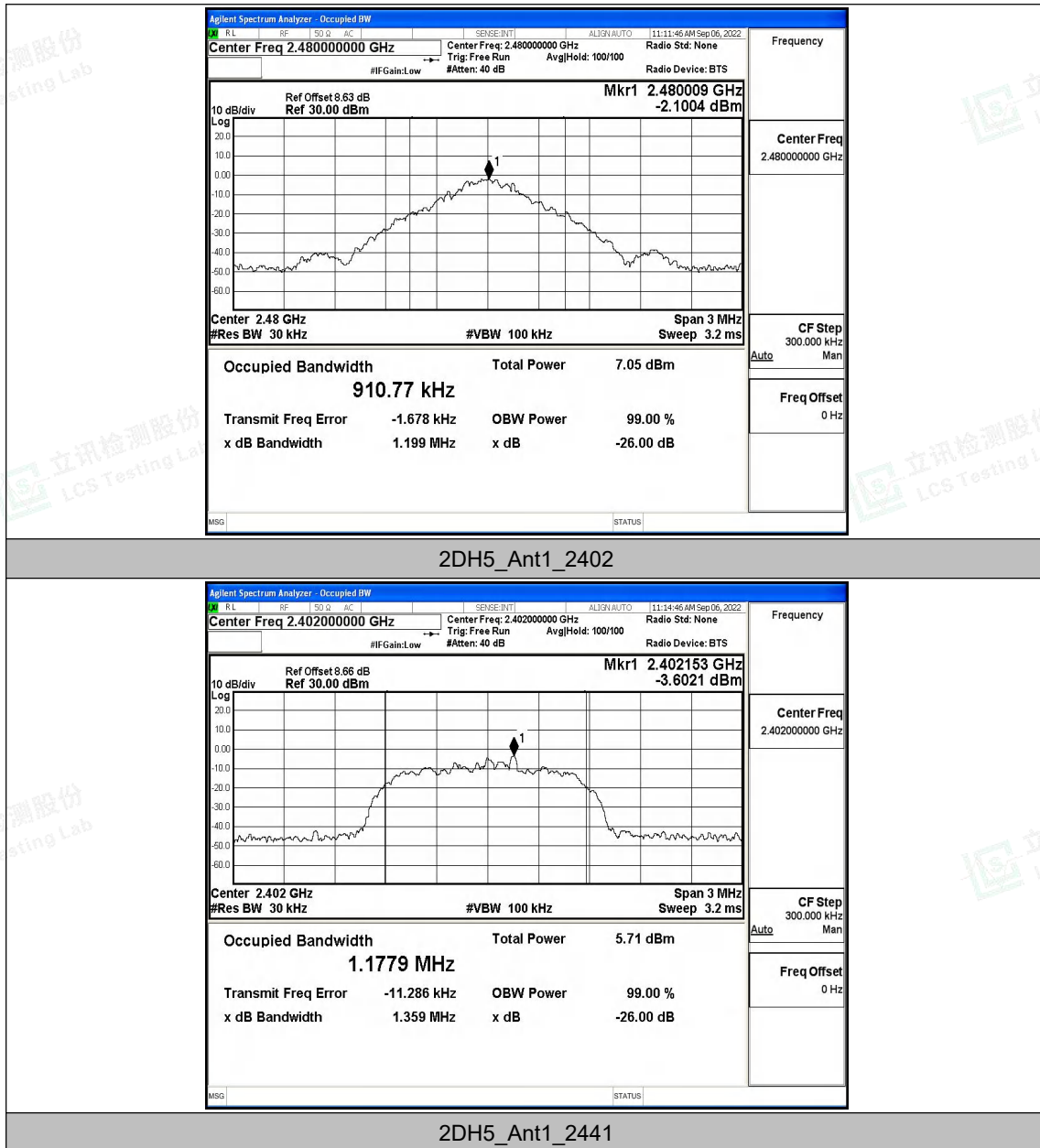


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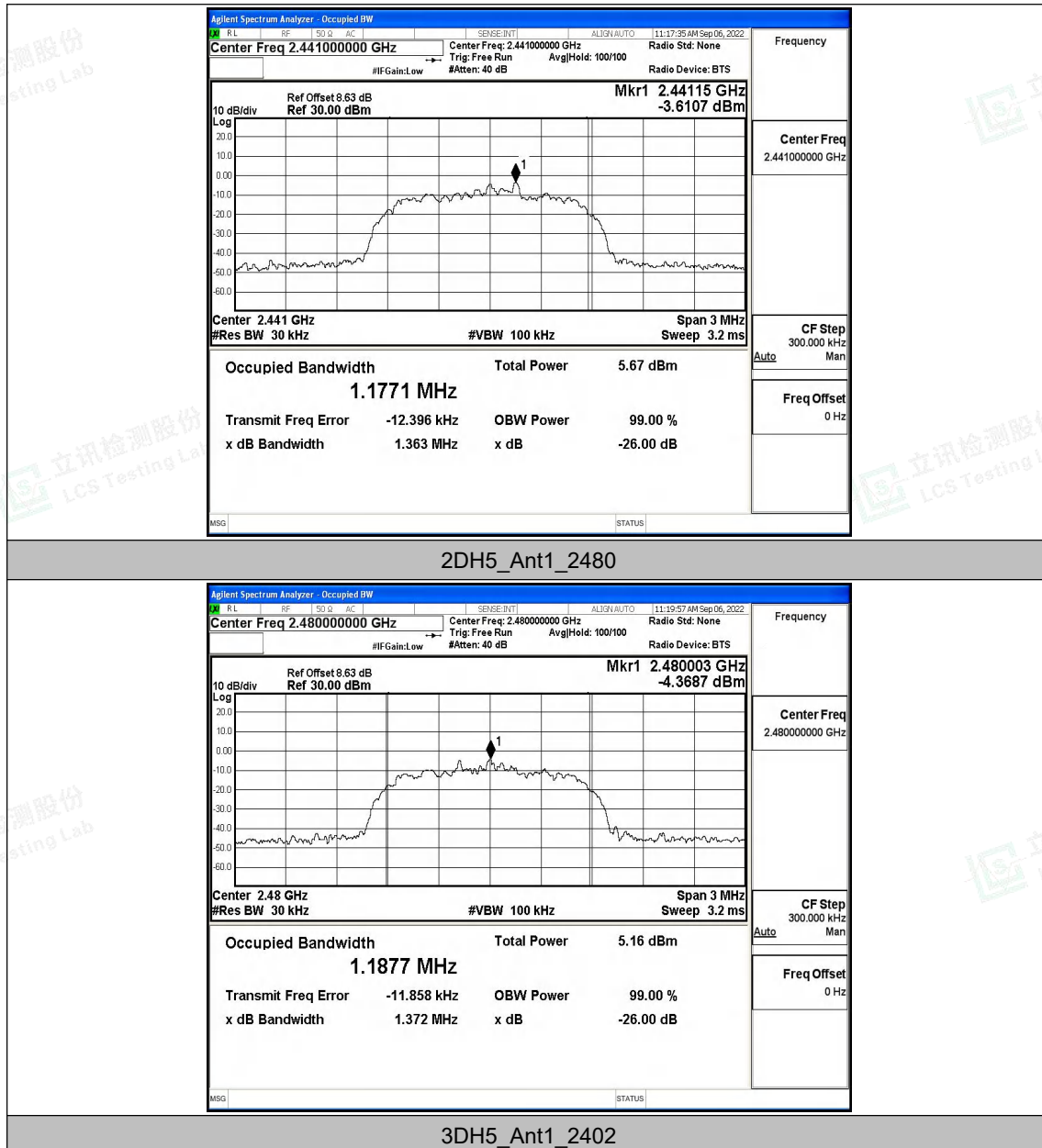


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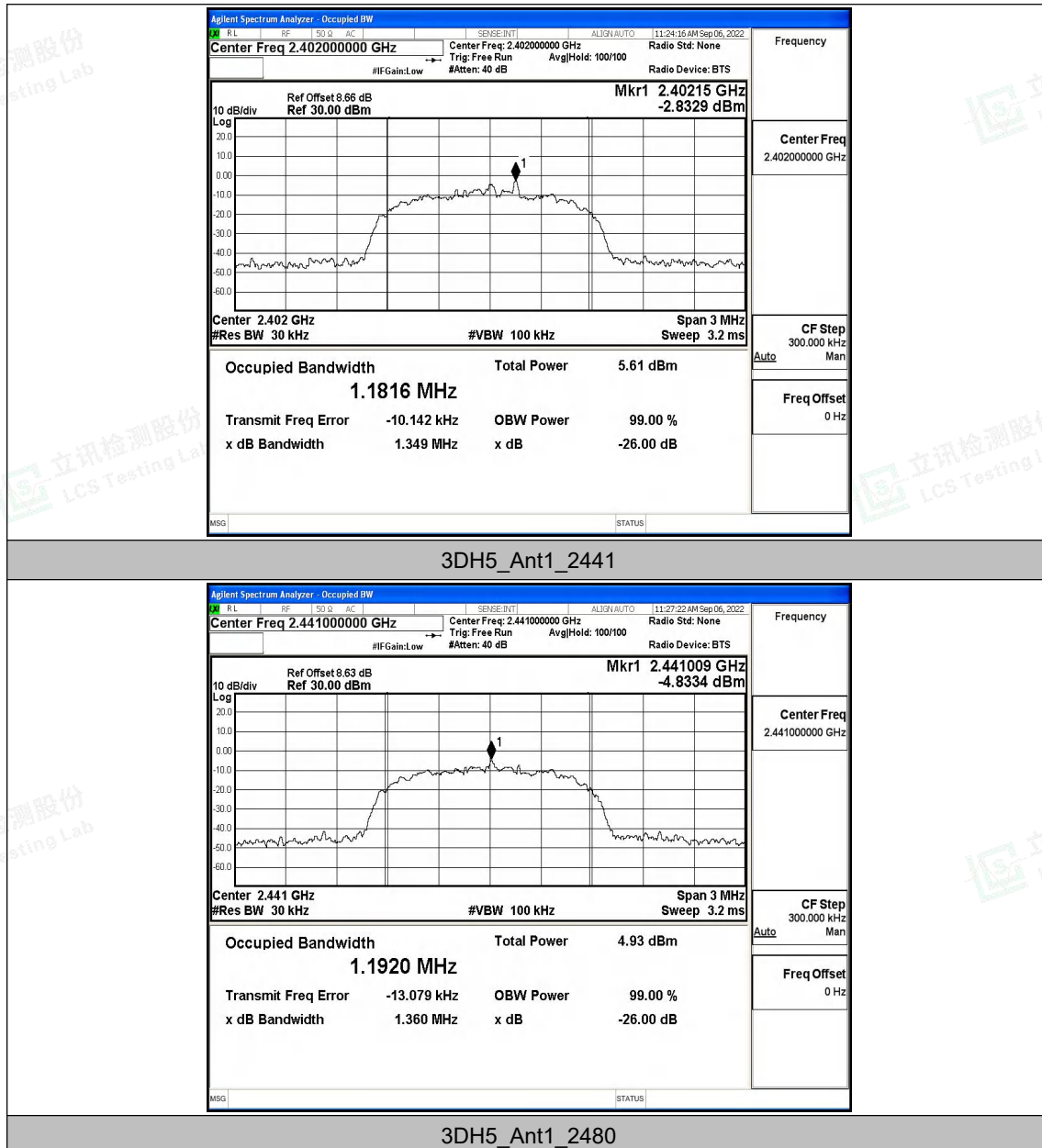


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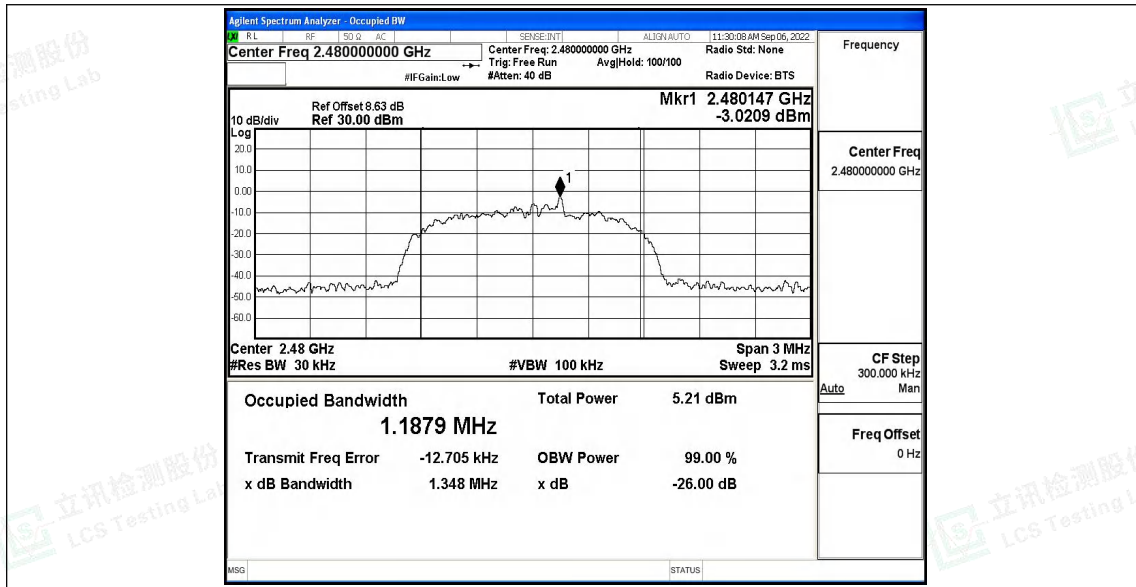


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A.3 Maximum conducted output power

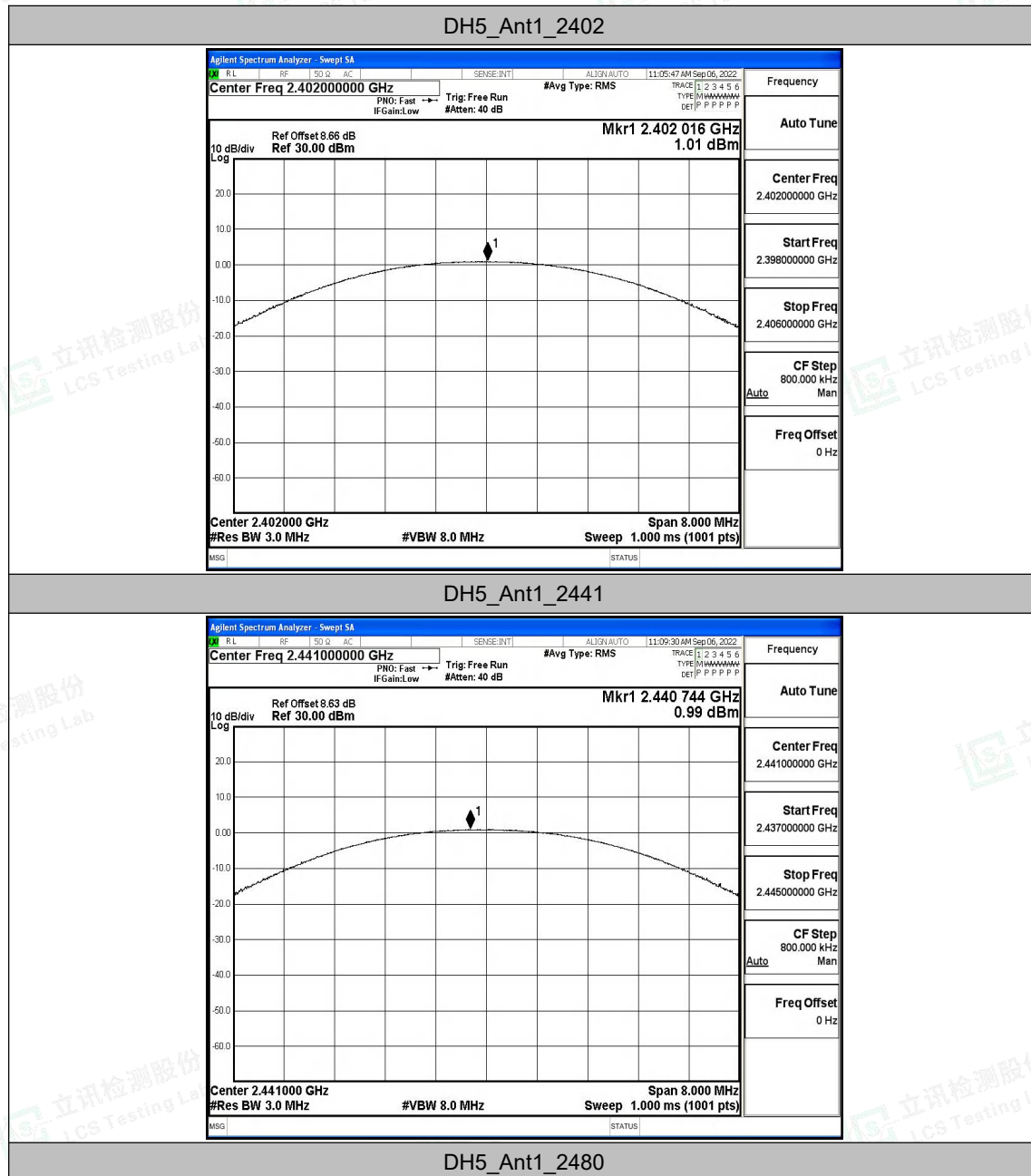
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.01	≤20.97	PASS
		2441	0.99	≤20.97	PASS
		2480	0.91	≤20.97	PASS
2DH5	Ant1	2402	0.52	≤20.97	PASS
		2441	0.49	≤20.97	PASS
		2480	0.44	≤20.97	PASS
3DH5	Ant1	2402	0.53	≤20.97	PASS
		2441	0.55	≤20.97	PASS
		2480	0.49	≤20.97	PASS





Test Graphs

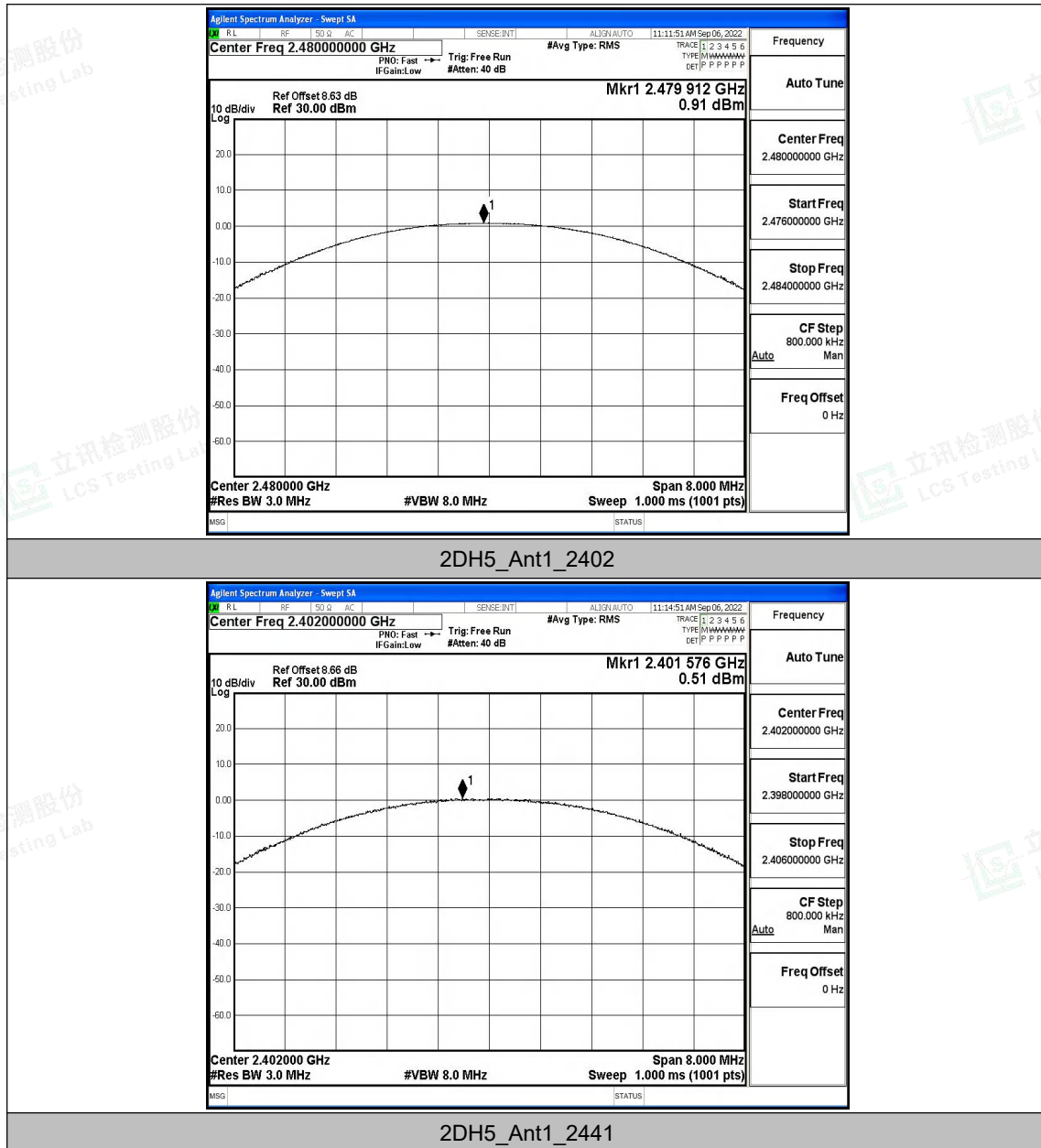


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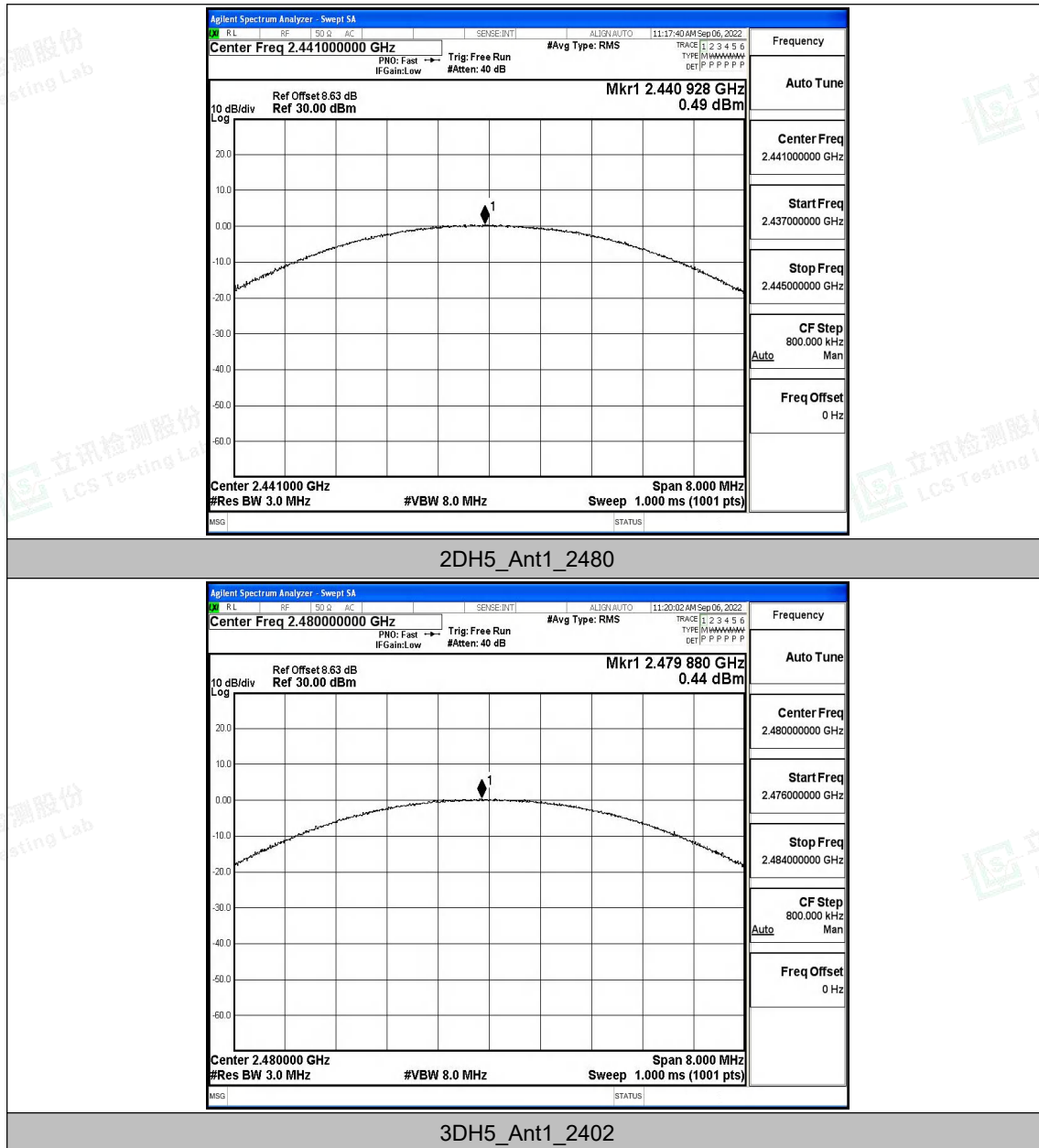


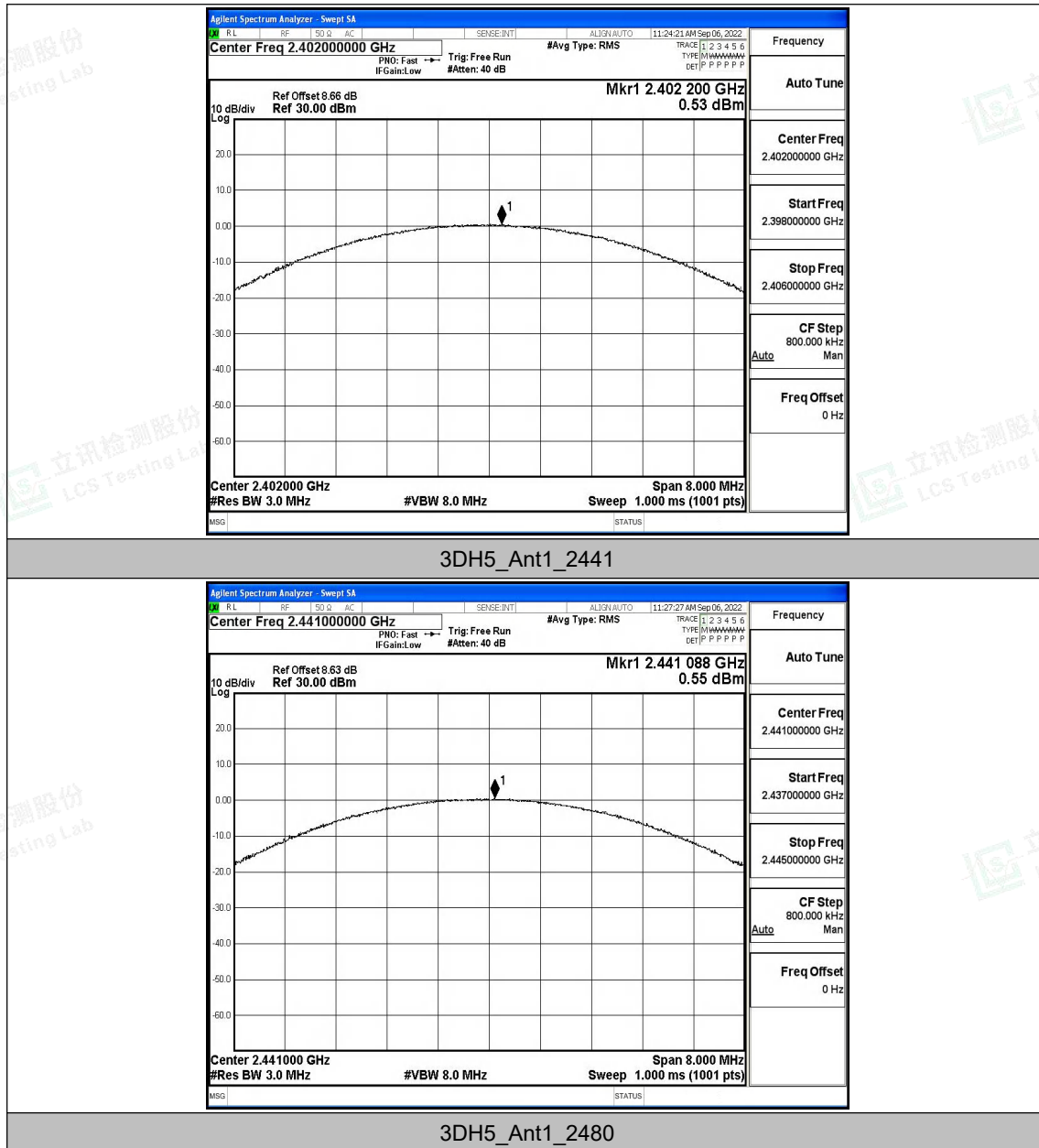
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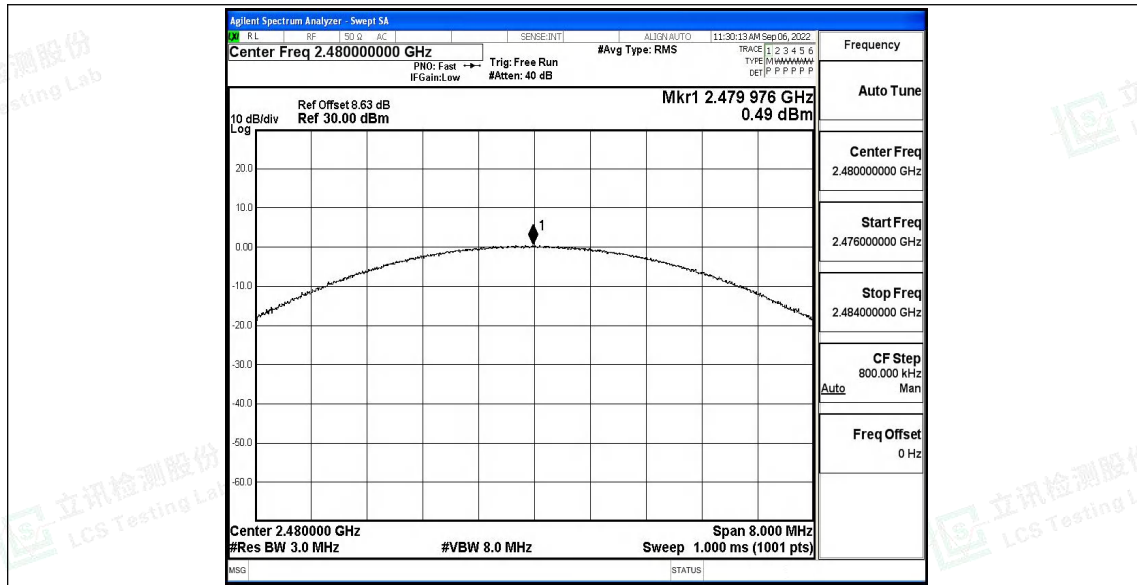


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A.4 Carrier frequency separation

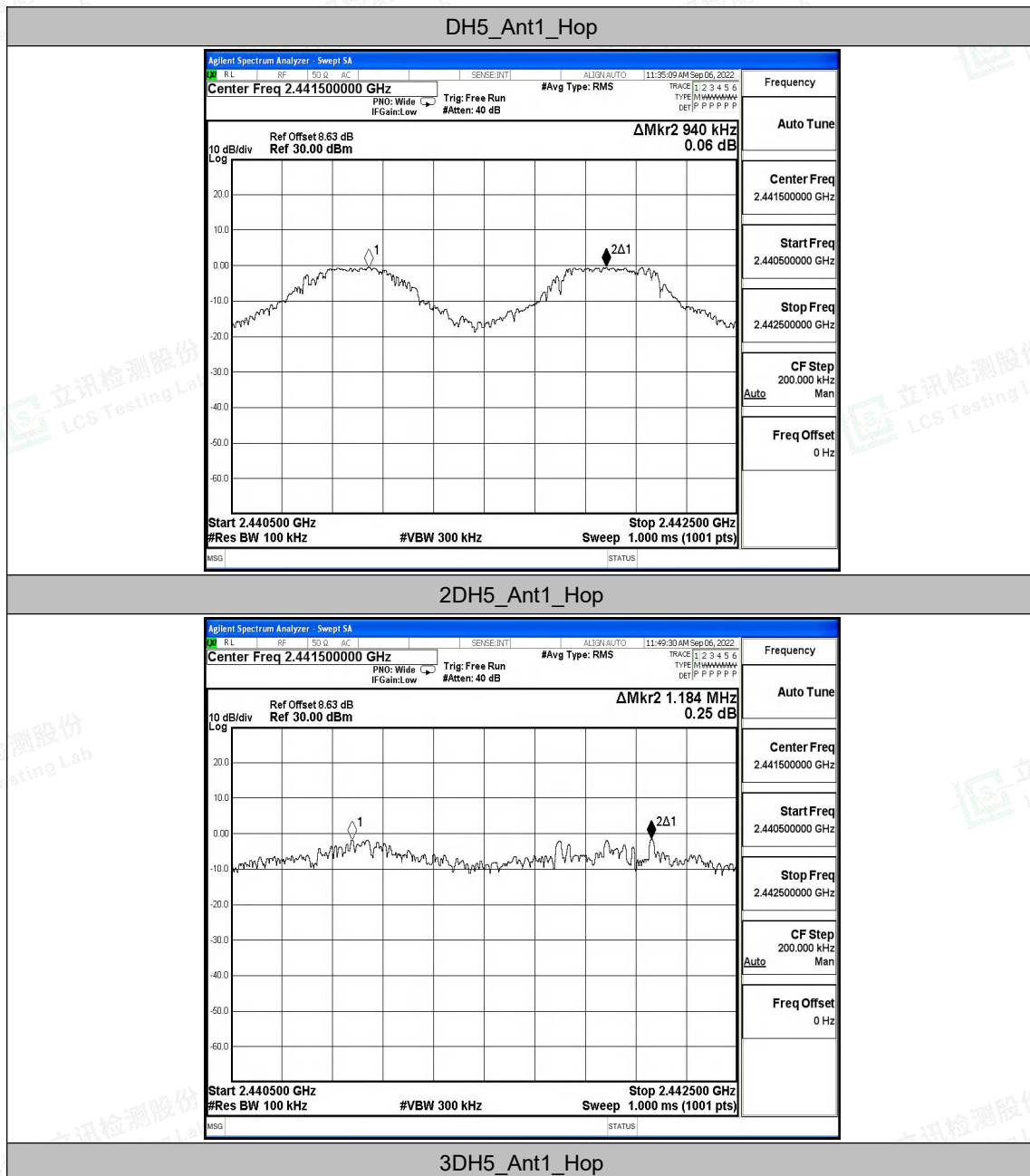
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.94	≥ 0.690	PASS
2DH5	Ant1	Hop	1.184	≥ 0.890	PASS
3DH5	Ant1	Hop	1.288	≥ 0.890	PASS





Test Graphs

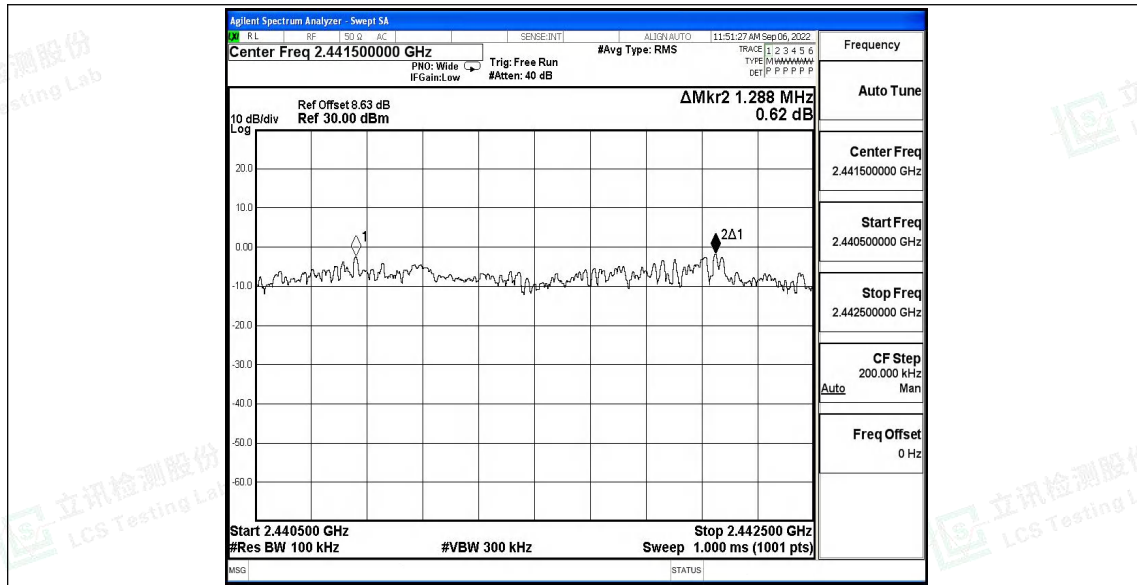


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A.5 Time of occupancy

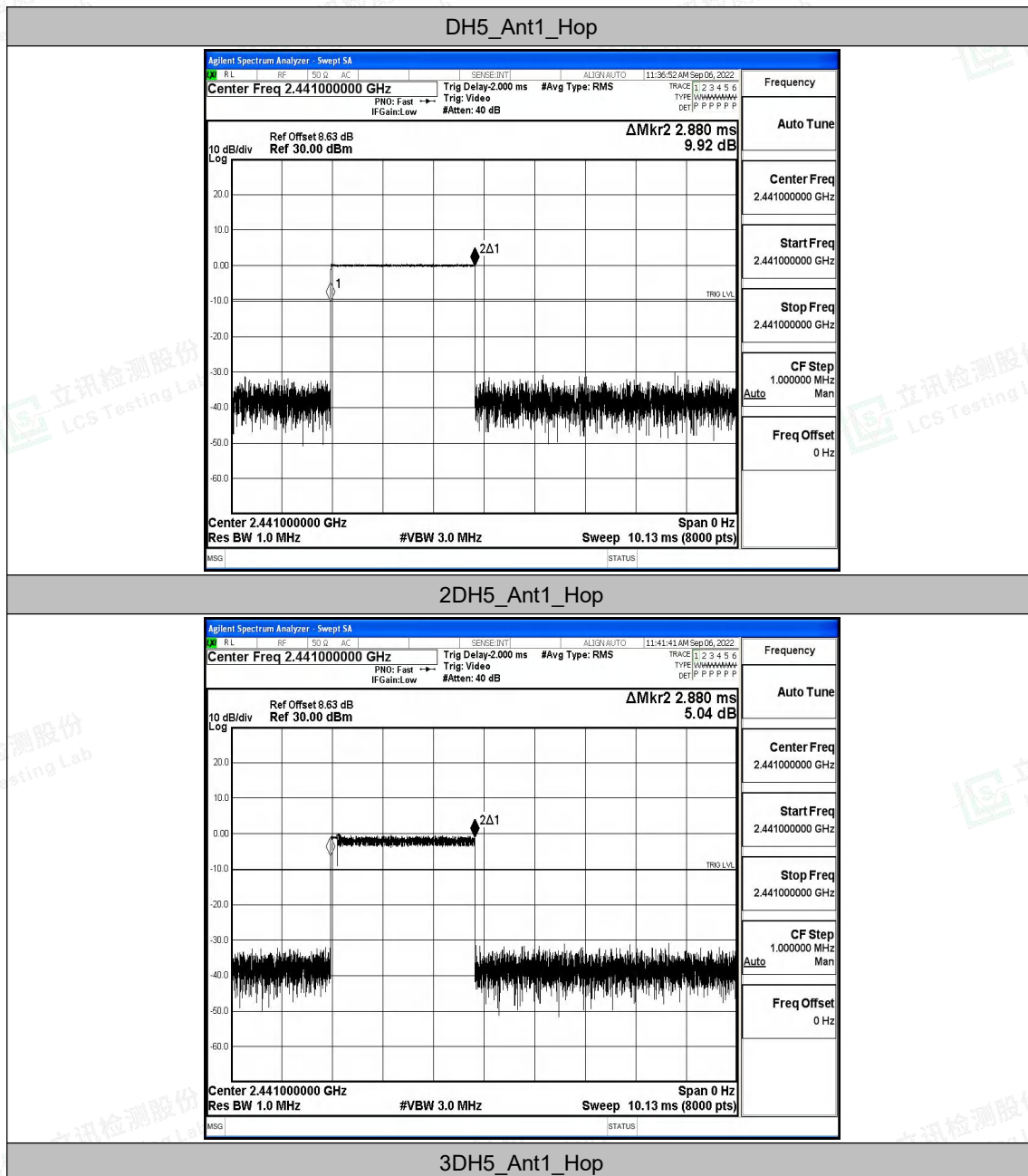
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
3DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS





Test Graphs

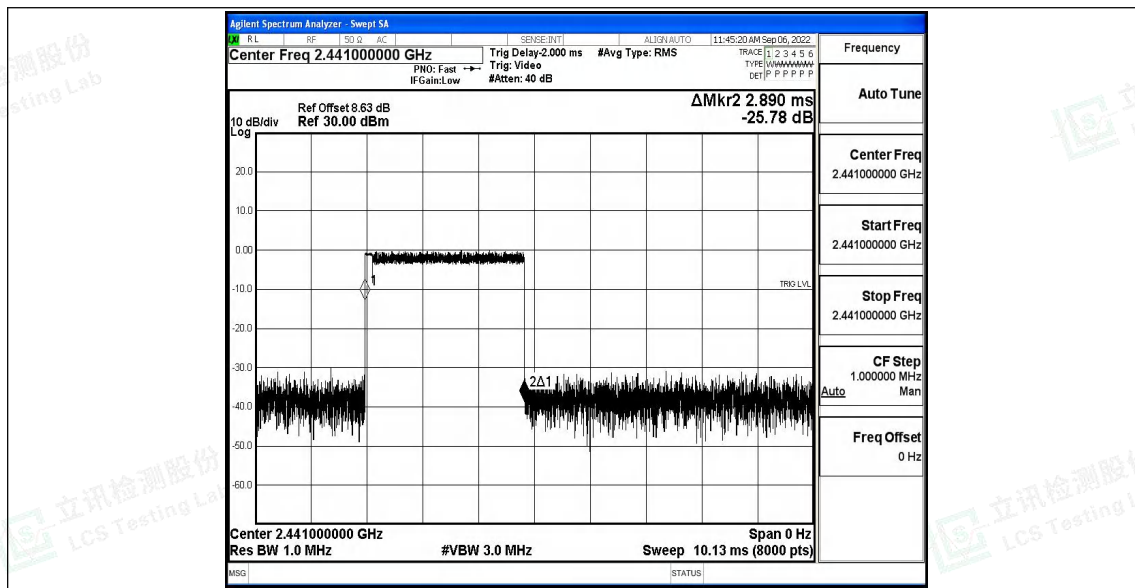


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A.6 Number of hopping channels

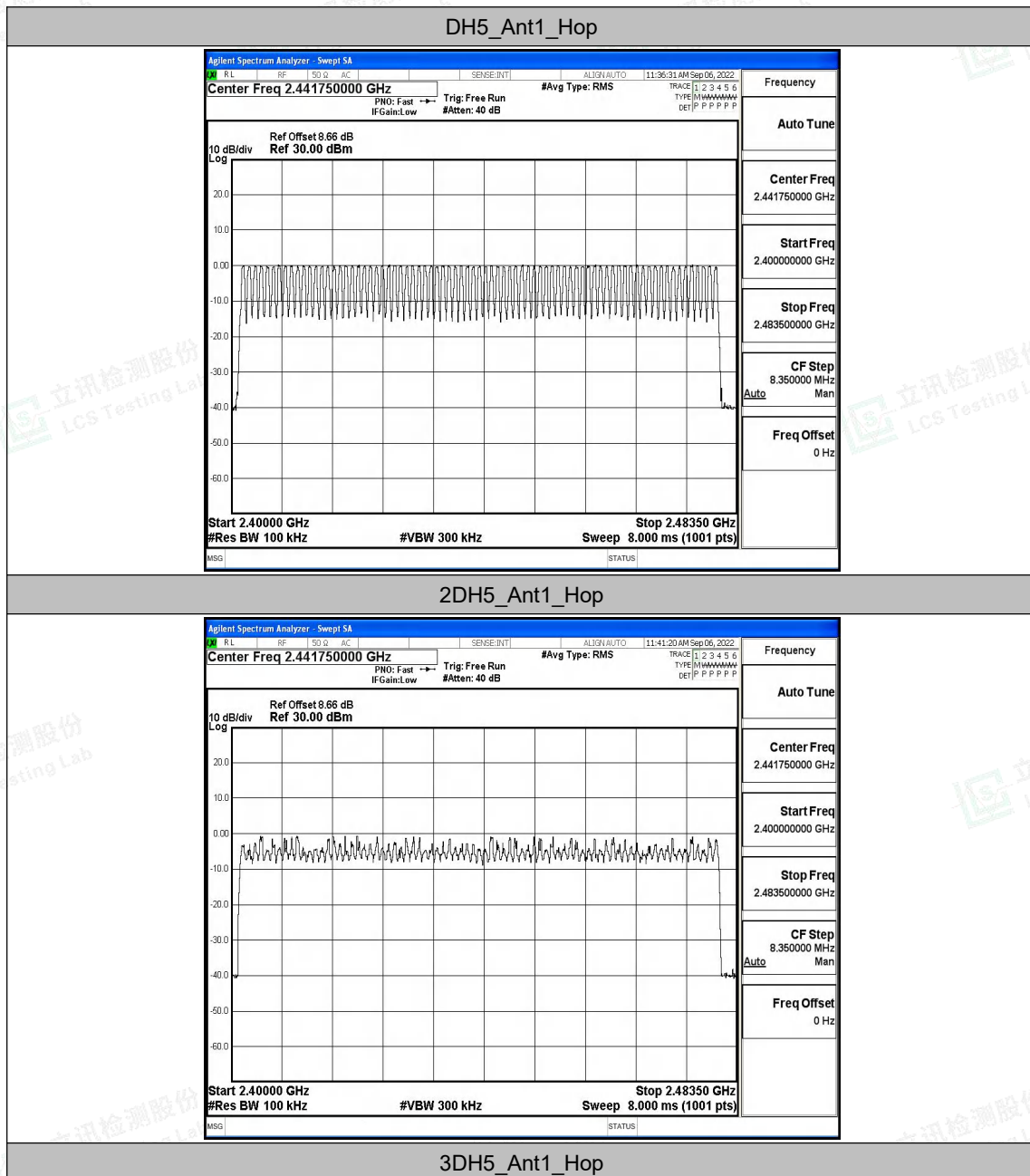
Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS





Test Graphs

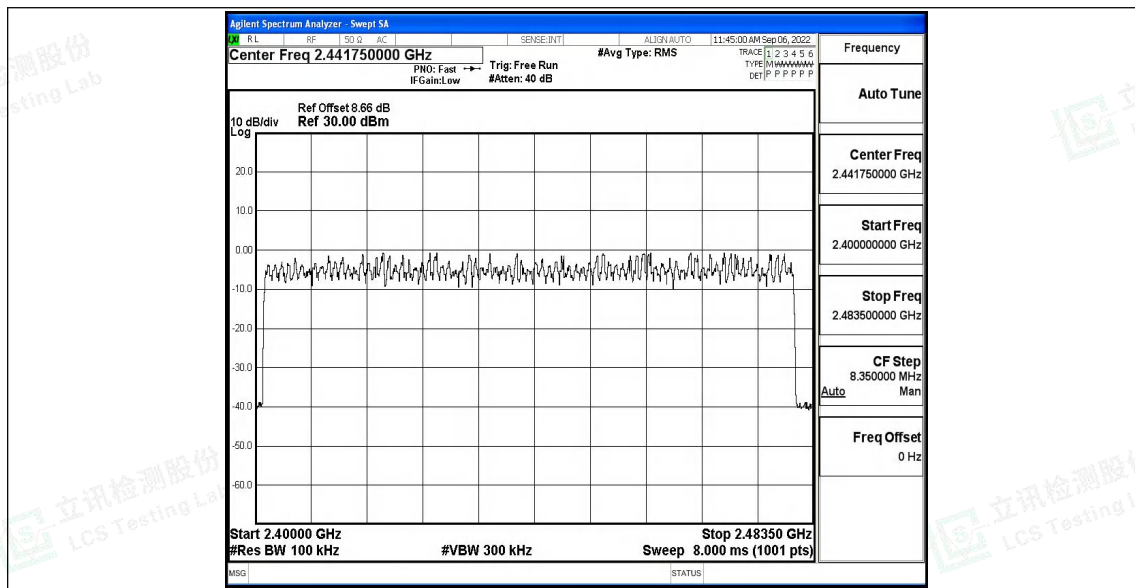


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A.7 Band edge measurements

Test Result

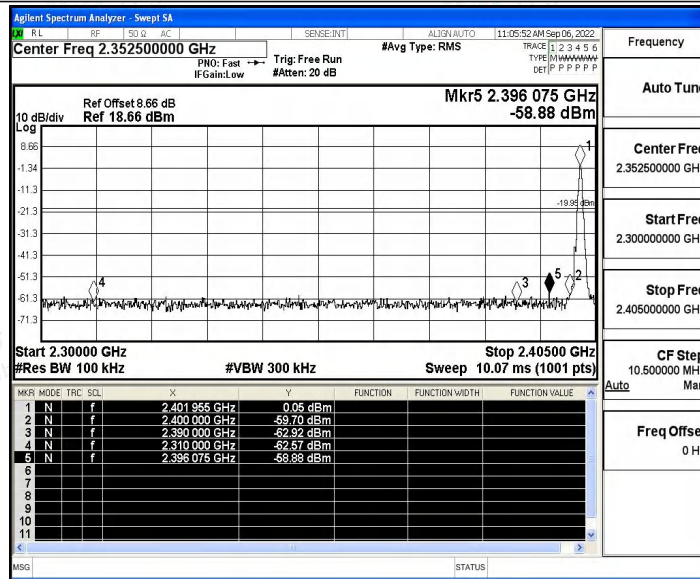
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.05	-58.88	≤-19.95	PASS
		High	2480	-0.03	-59.05	≤-20.03	PASS
		Low	Hop_2402	-0.80	-57.98	≤-20.8	PASS
		High	Hop_2480	-0.13	-57.34	≤-20.13	PASS
2DH5	Ant1	Low	2402	-3.83	-58.08	≤-23.83	PASS
		High	2480	-0.95	-58.75	≤-20.95	PASS
		Low	Hop_2402	-4.57	-59.33	≤-24.57	PASS
		High	Hop_2480	-0.90	-57.91	≤-20.9	PASS
3DH5	Ant1	Low	2402	-4.39	-58.44	≤-24.39	PASS
		High	2480	-4.98	-58.97	≤-24.98	PASS
		Low	Hop_2402	-1.48	-58.54	≤-21.48	PASS
		High	Hop_2480	-2.63	-57.67	≤-22.63	PASS



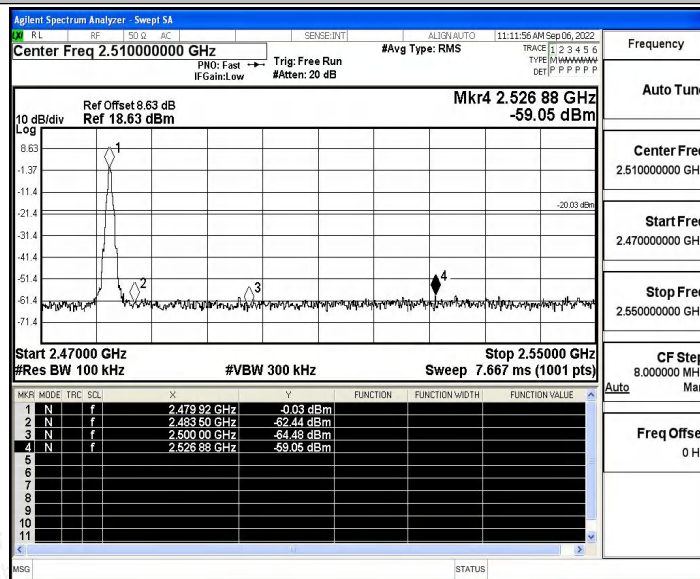


Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



DH5_Ant1_Low_Hop_2402

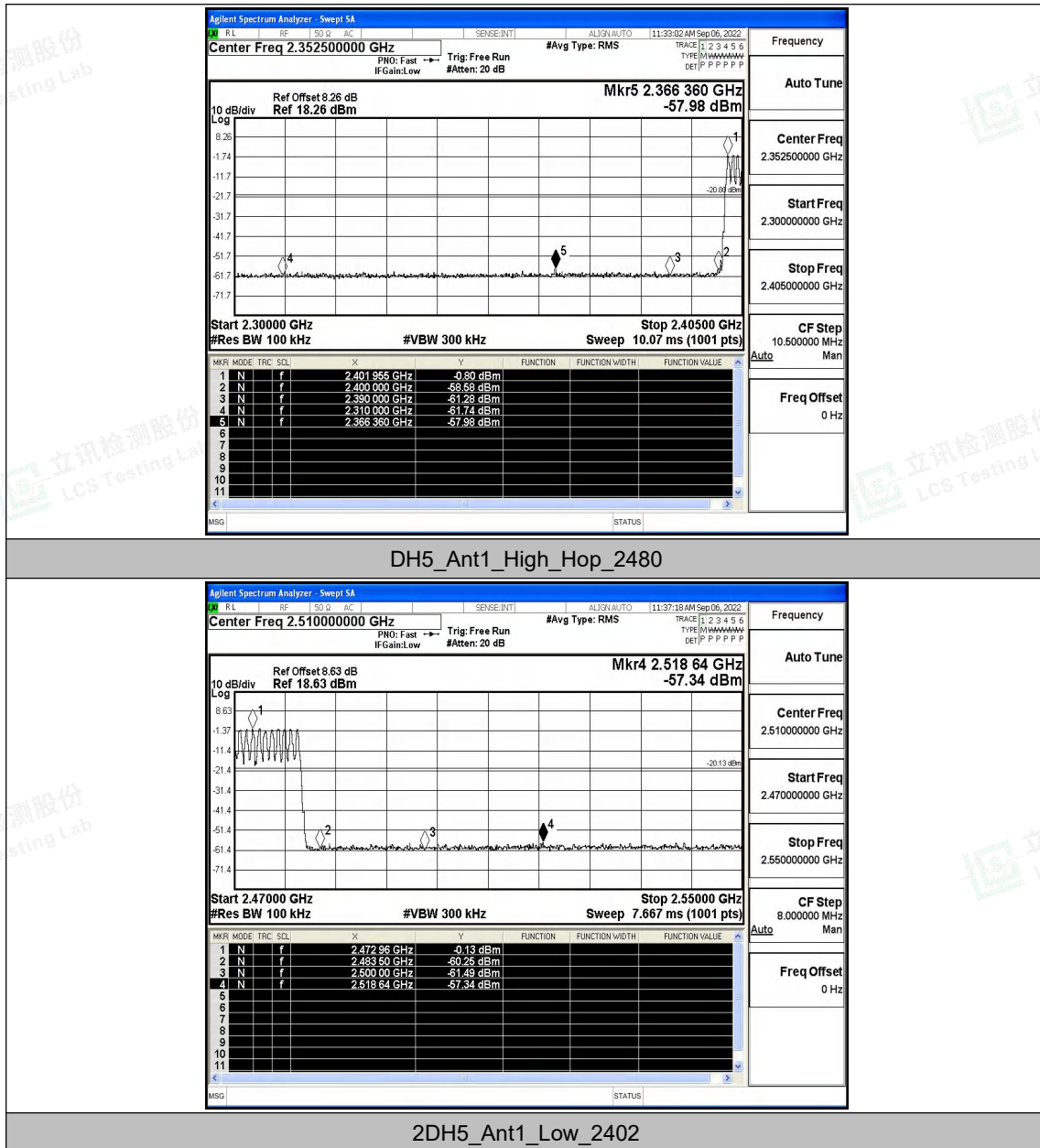


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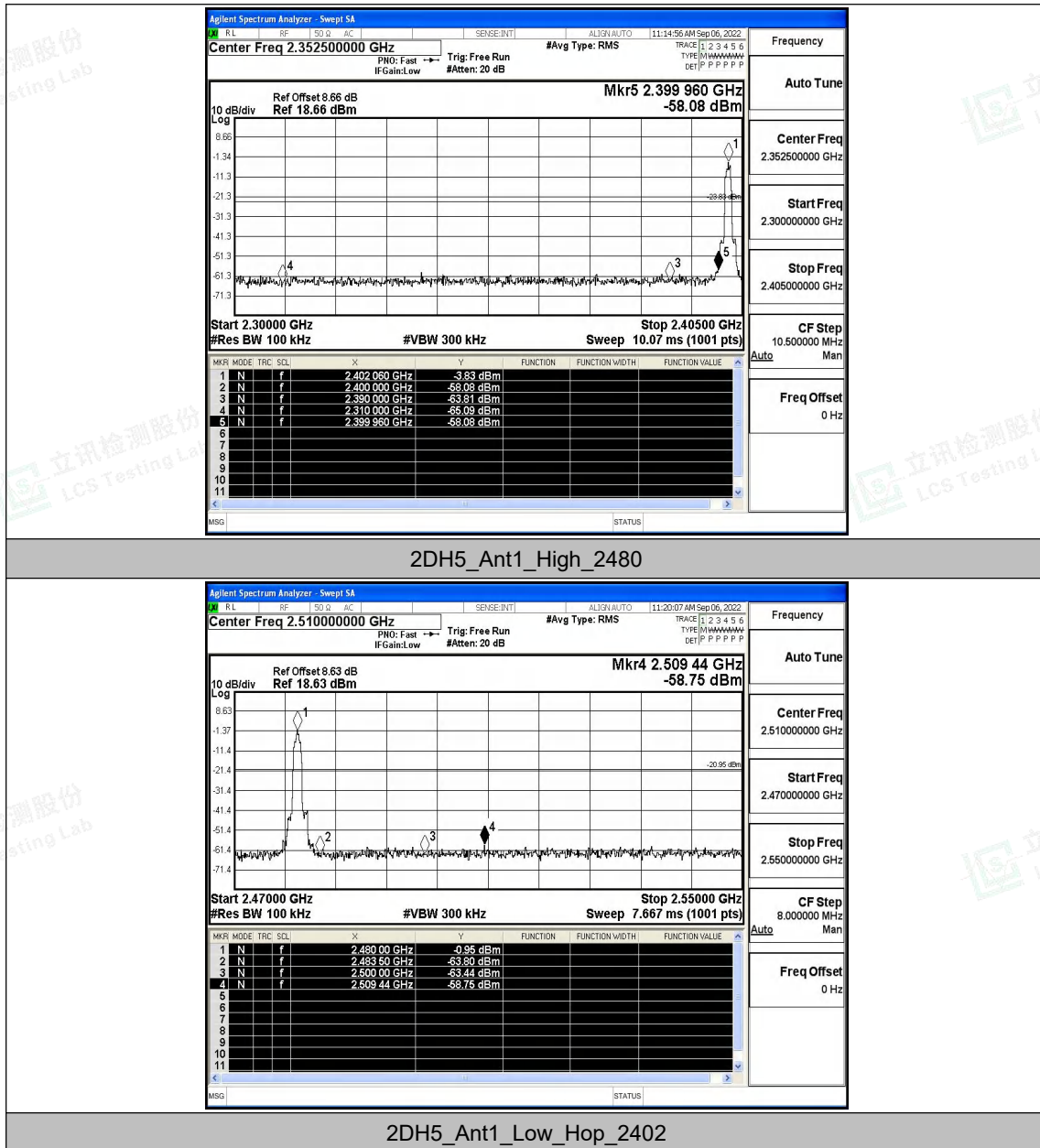


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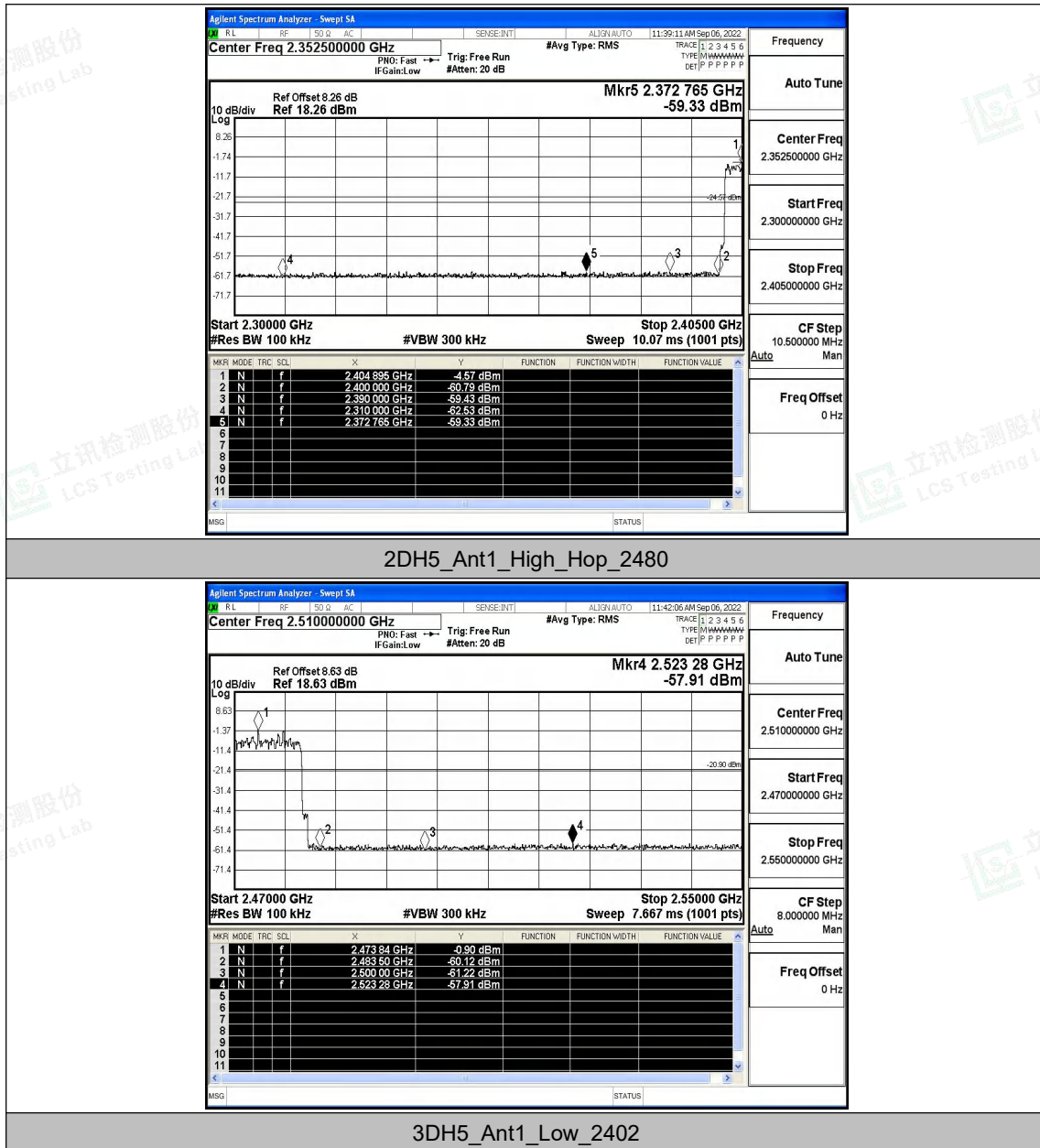


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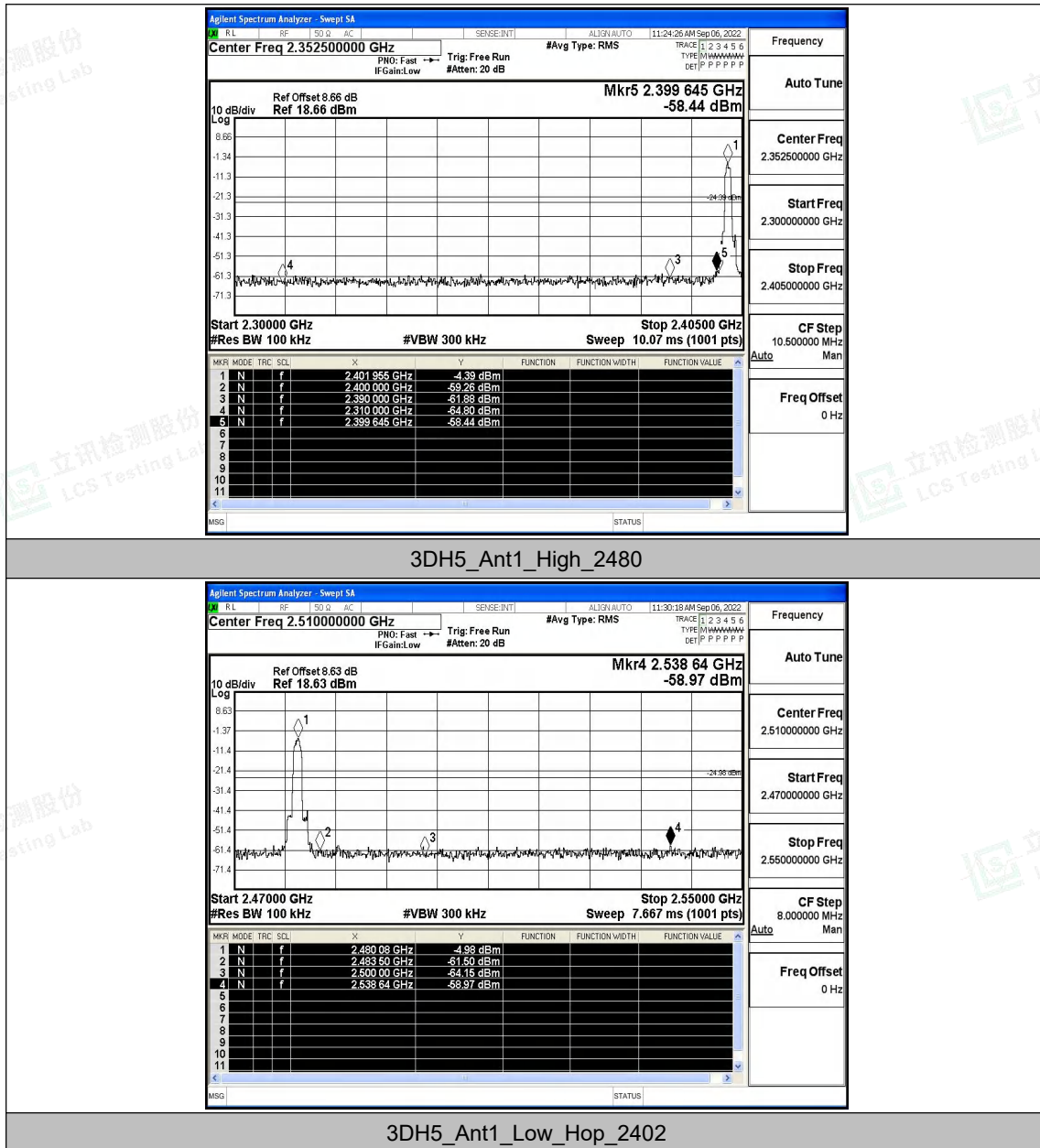


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