

Appendix Test Data

Report No.:	18220WC40013501	Test Sample No.:	1-2-2
Start Test Date:	2024.1.26	Finish Test Date:	2024.1.26
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	24.8°C	Relative Humidity:	46%
Pressure:	101kPa		

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.544	2402.495	---	---
		2441	0.960	2440.541	2441.501	---	---
		2480	0.948	2479.544	2480.492	---	---
2DH5	Ant1	2402	1.284	2401.376	2402.660	---	---
		2441	1.314	2440.349	2441.663	---	---
		2480	1.305	2479.349	2480.654	---	---

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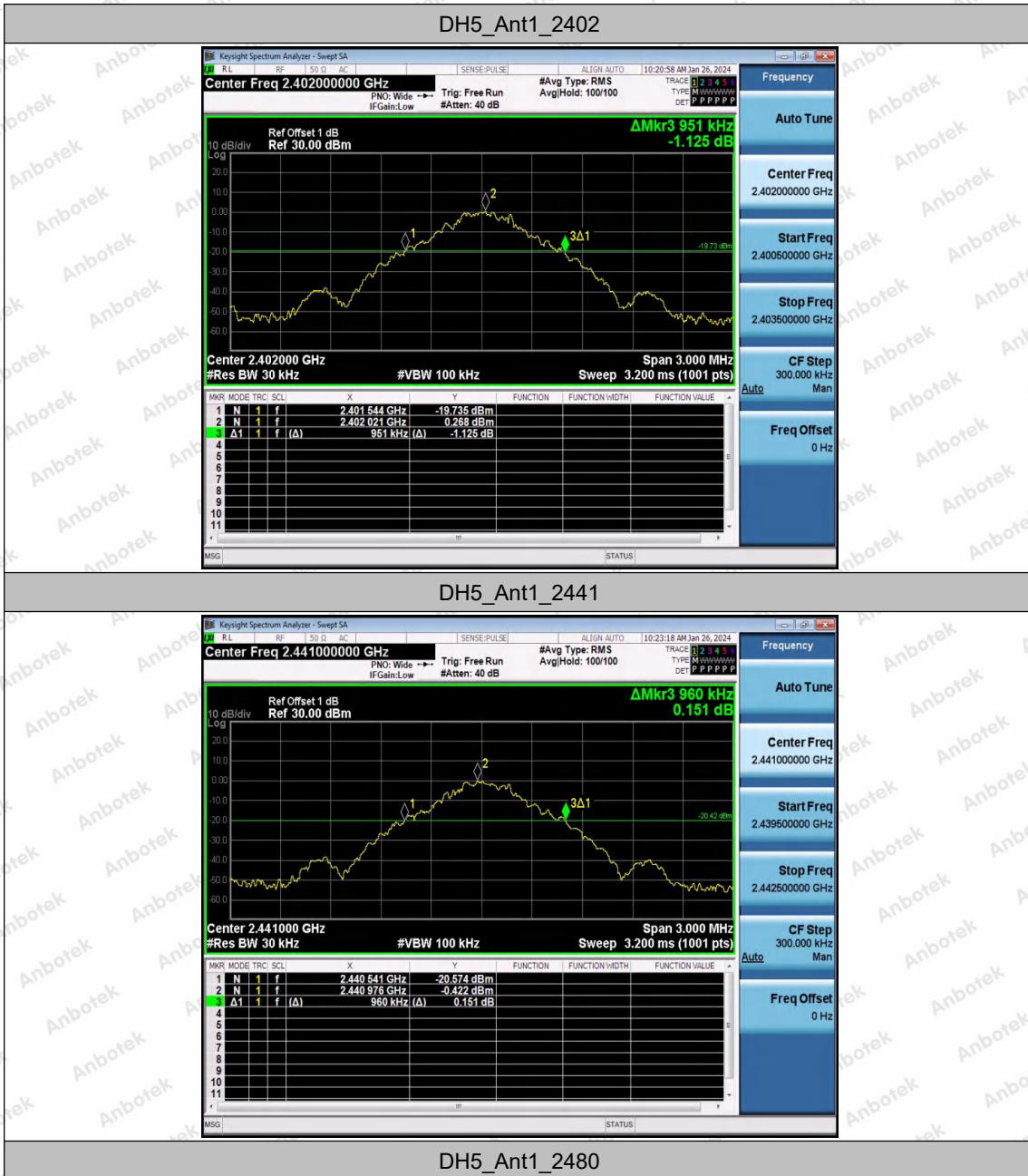
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
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Test Graphs



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2DH5_Ant1_2402



2DH5_Ant1_2441

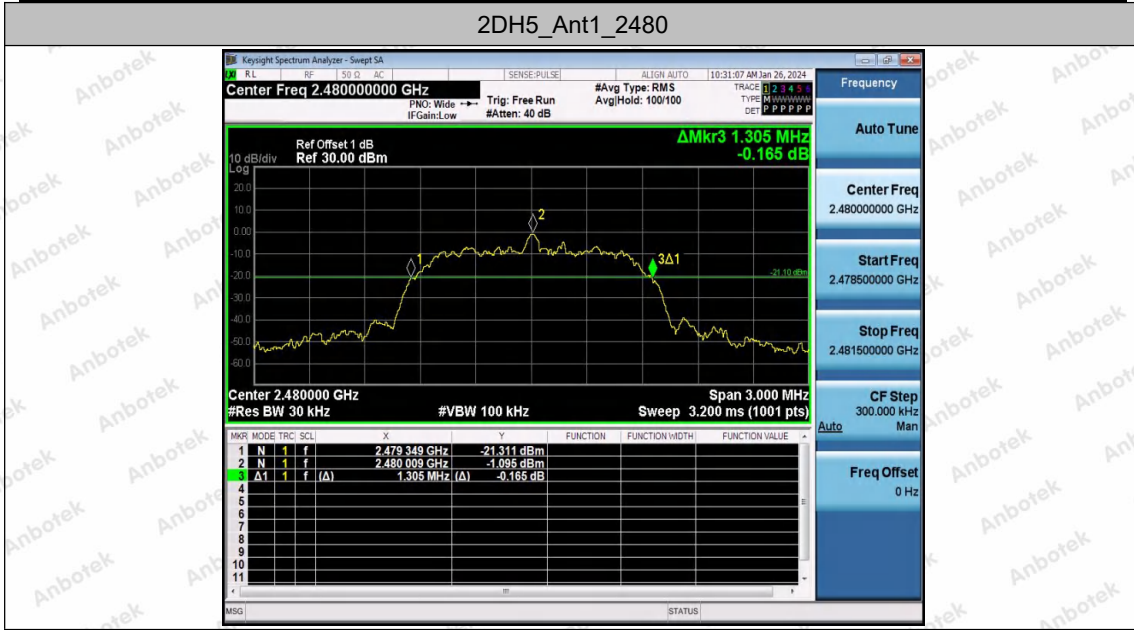


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.85395	2401.5748	2402.4287	---	---
		2441	0.85127	2440.5798	2441.4311	---	---
		2480	0.85364	2479.5773	2480.4310	---	---
2DH5	Ant1	2402	1.1833	2401.4148	2402.5981	---	---
		2441	1.1732	2440.4162	2441.5894	---	---
		2480	1.1856	2479.4132	2480.5988	---	---

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2DH5_Ant1_2402



2DH5_Ant1_2441

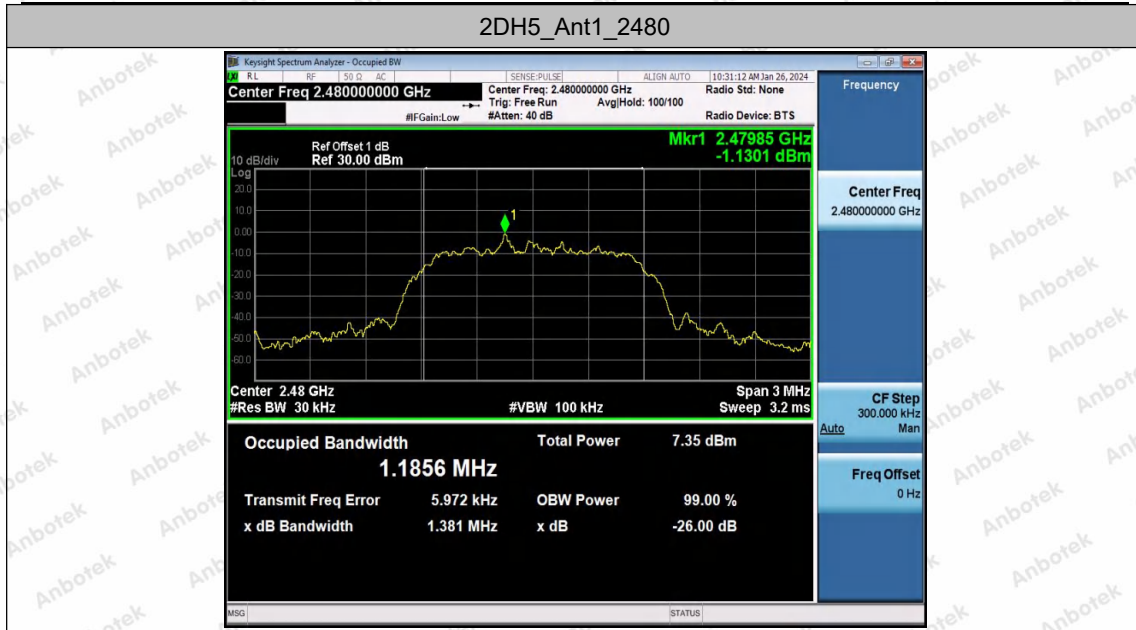


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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.83	≤20.97	PASS
		2441	2.44	≤20.97	PASS
		2480	1.56	≤20.97	PASS
2DH5	Ant1	2402	3.71	≤20.97	PASS
		2441	3.33	≤20.97	PASS
		2480	2.4	≤20.97	PASS

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Test Graphs

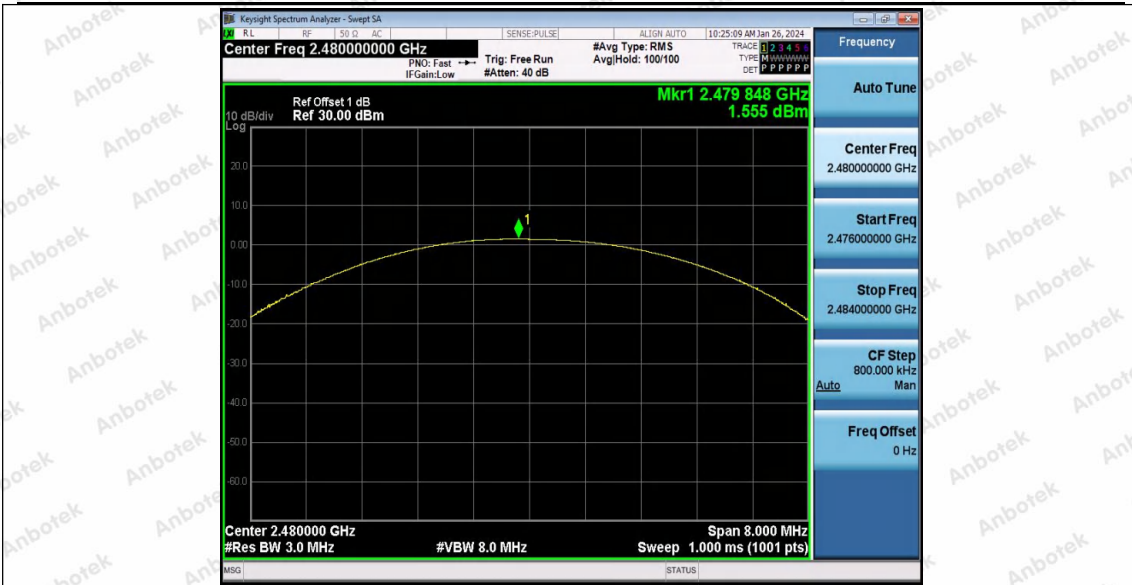


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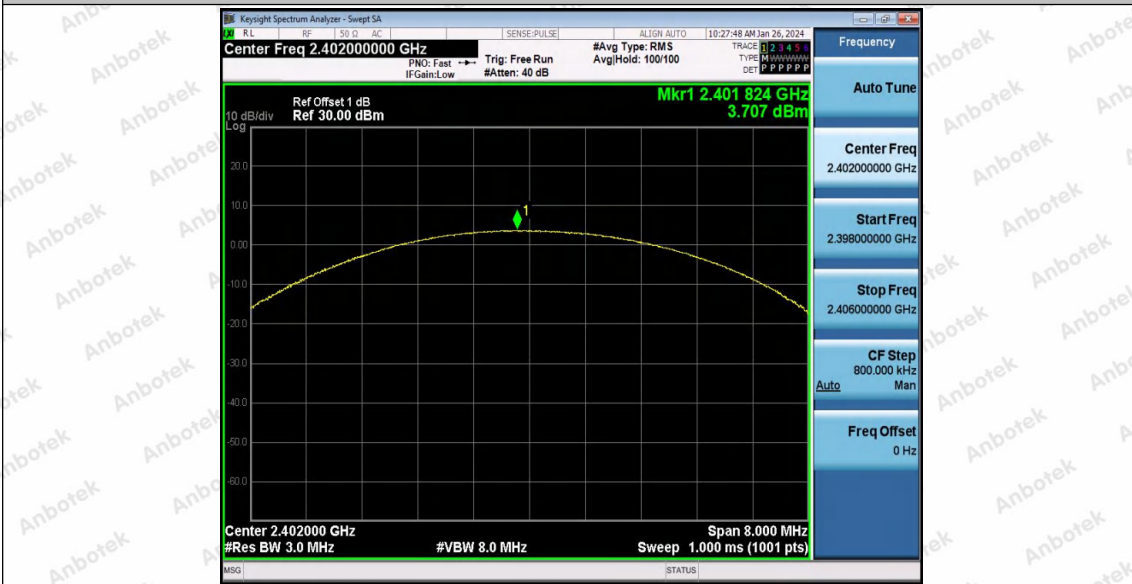
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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2DH5_Ant1_2402



2DH5_Ant1_2441

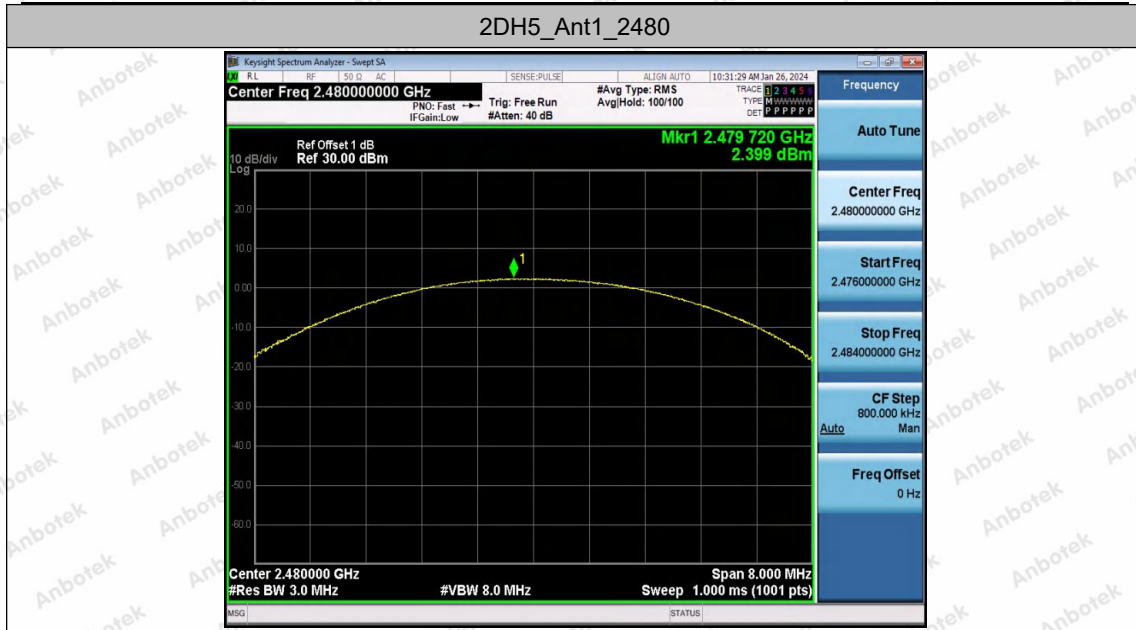


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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.982	≥0.960	PASS
2DH5	Ant1	Hop	1.18	≥0.876	PASS

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Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.380	319	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.638	170	0.278	≤0.4	PASS
DH5	Ant1	Hop	2.885	114	0.329	≤0.4	PASS
2DH1	Ant1	Hop	0.391	319	0.125	≤0.4	PASS
2DH3	Ant1	Hop	1.643	162	0.266	≤0.4	PASS
2DH5	Ant1	Hop	2.891	93	0.269	≤0.4	PASS

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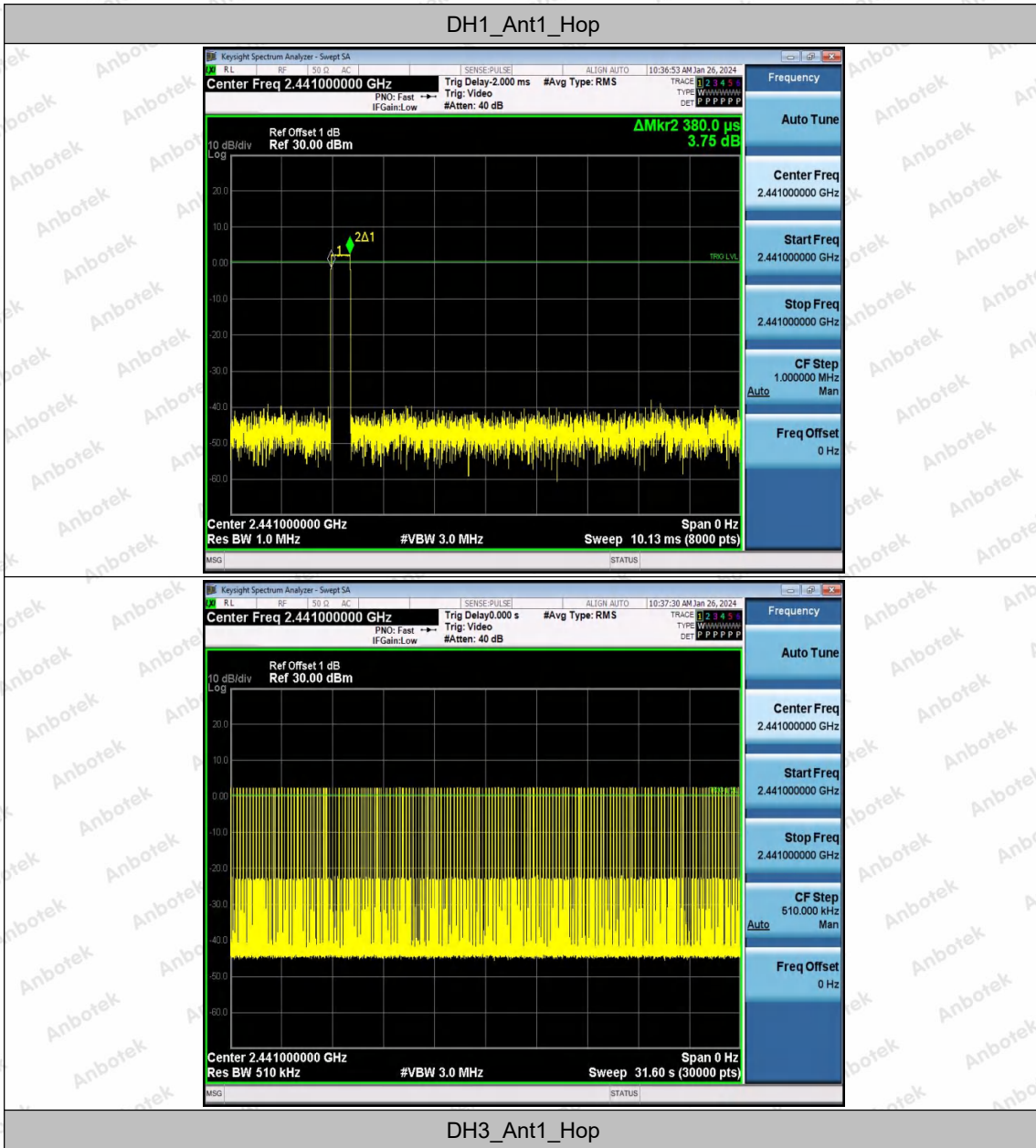
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Test Graphs

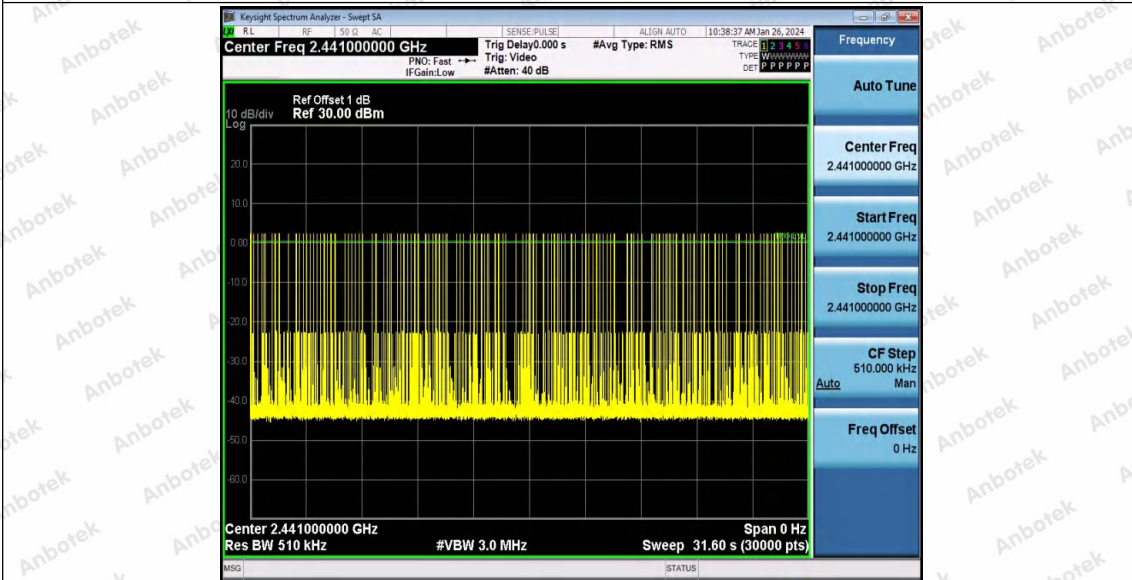
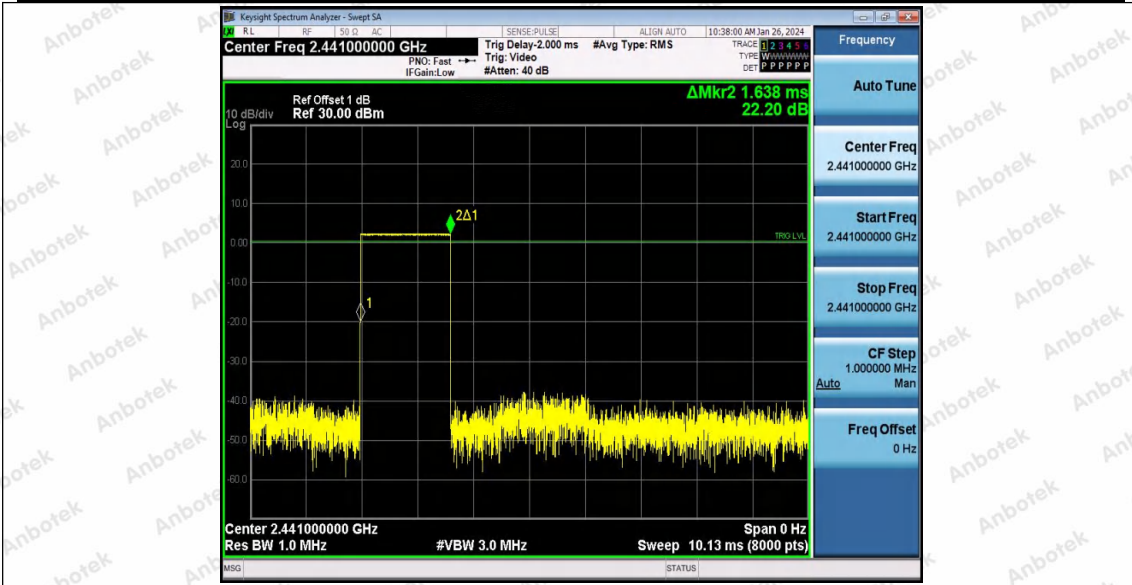


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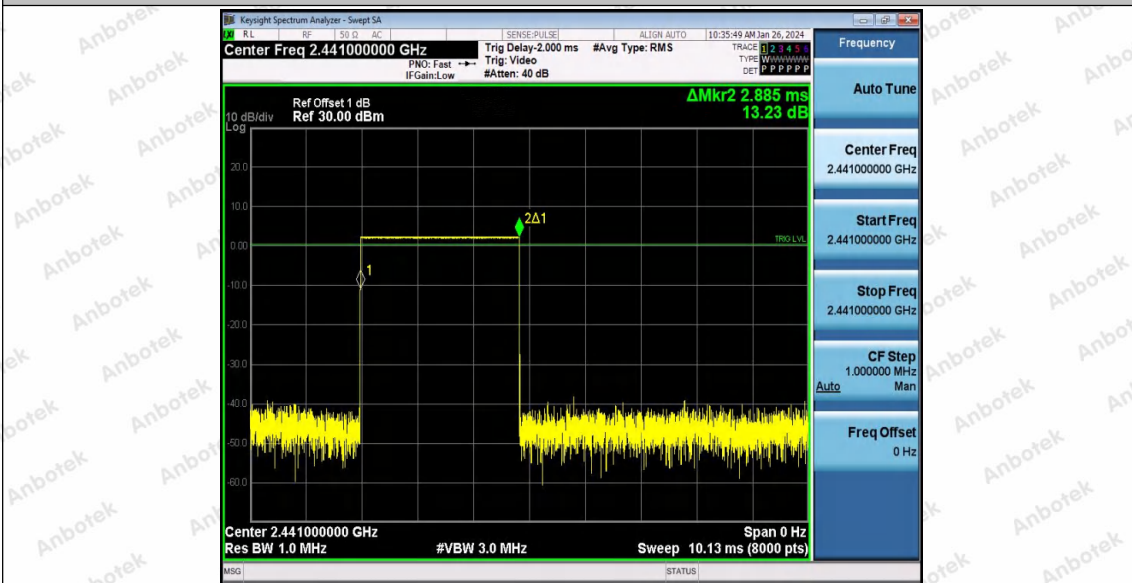
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DH5_Ant1_Hop

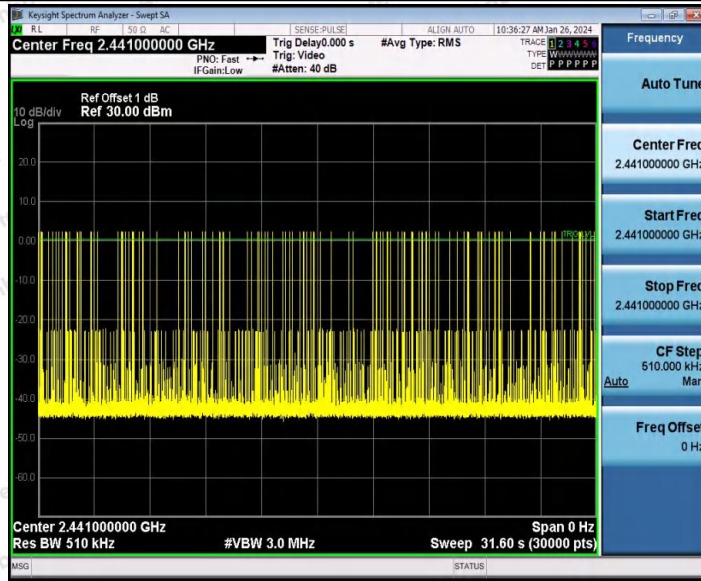


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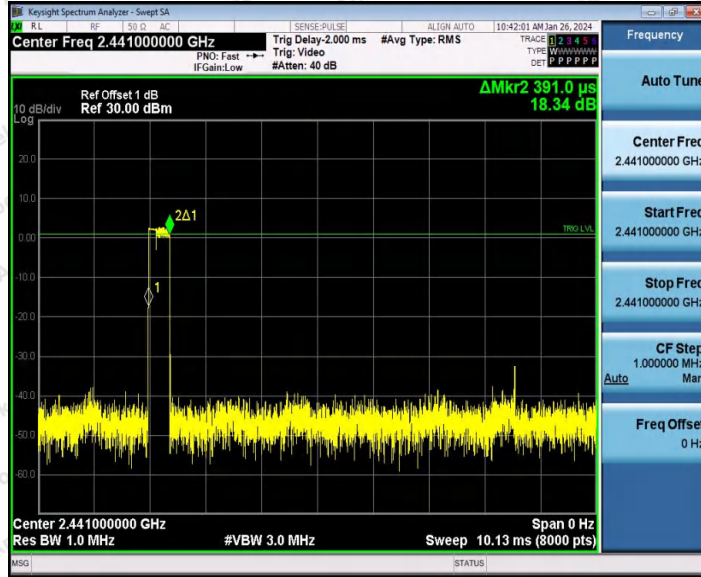
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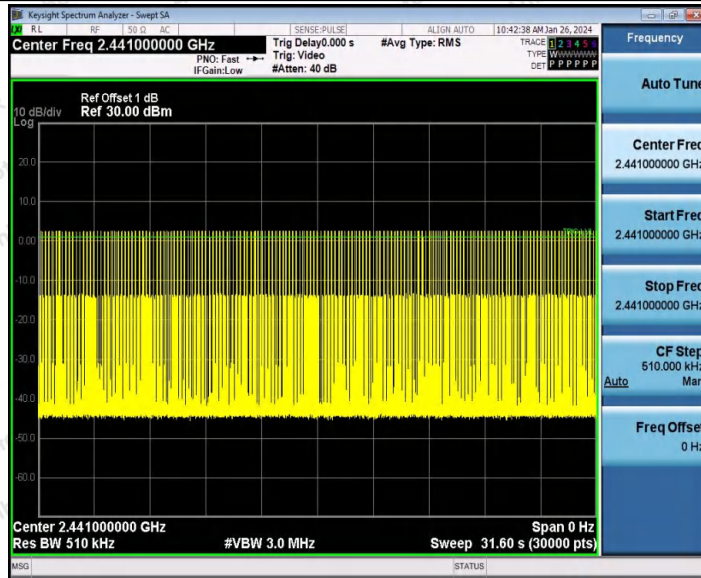




2DH1_Ant1_Hop



2DH3_Ant1_Hop

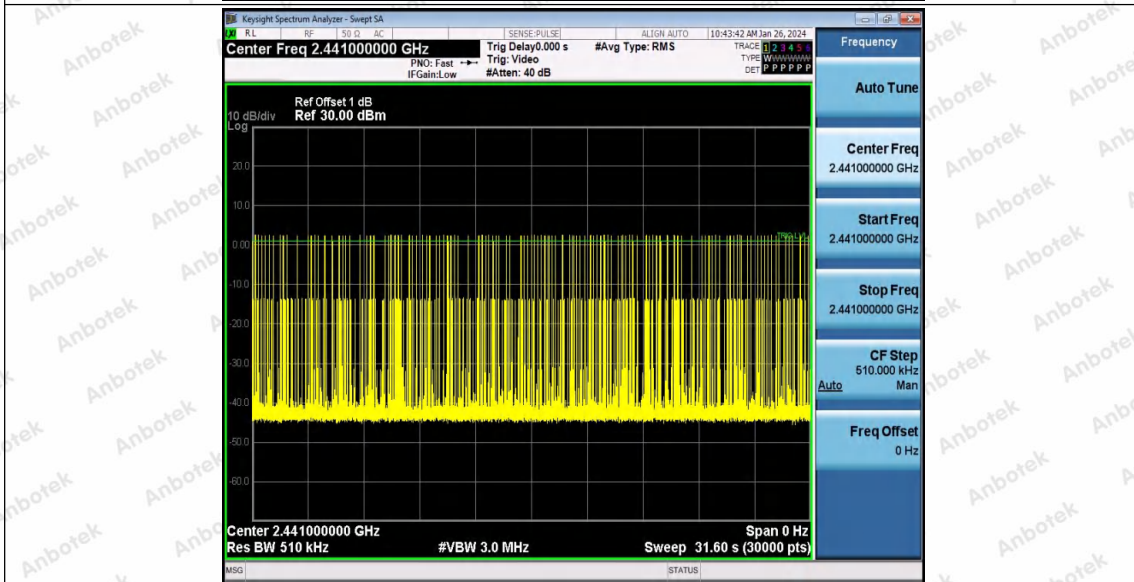
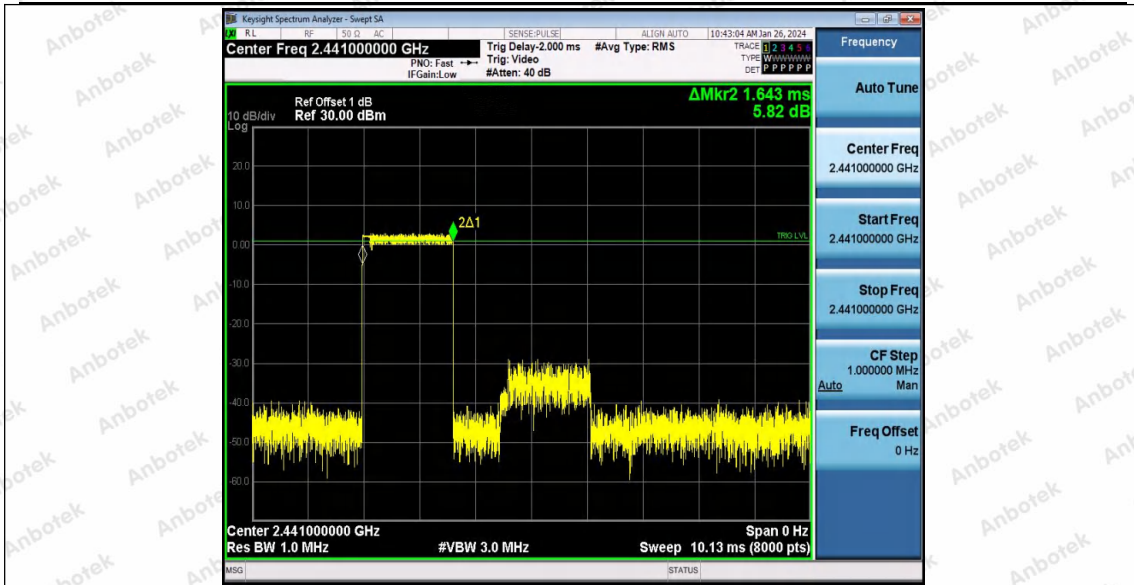


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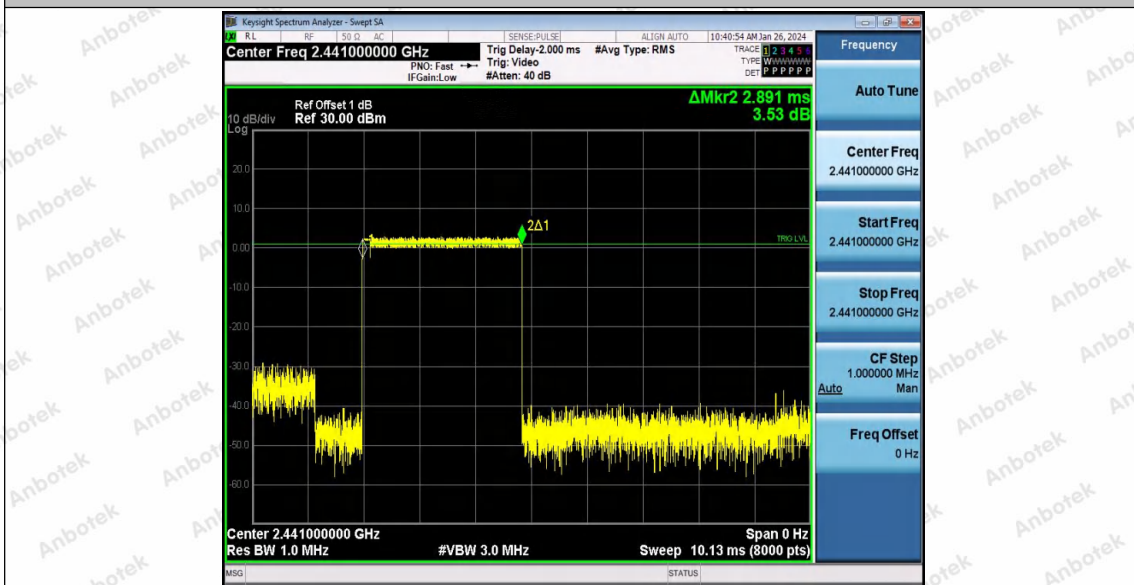
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2DH5_Ant1_Hop

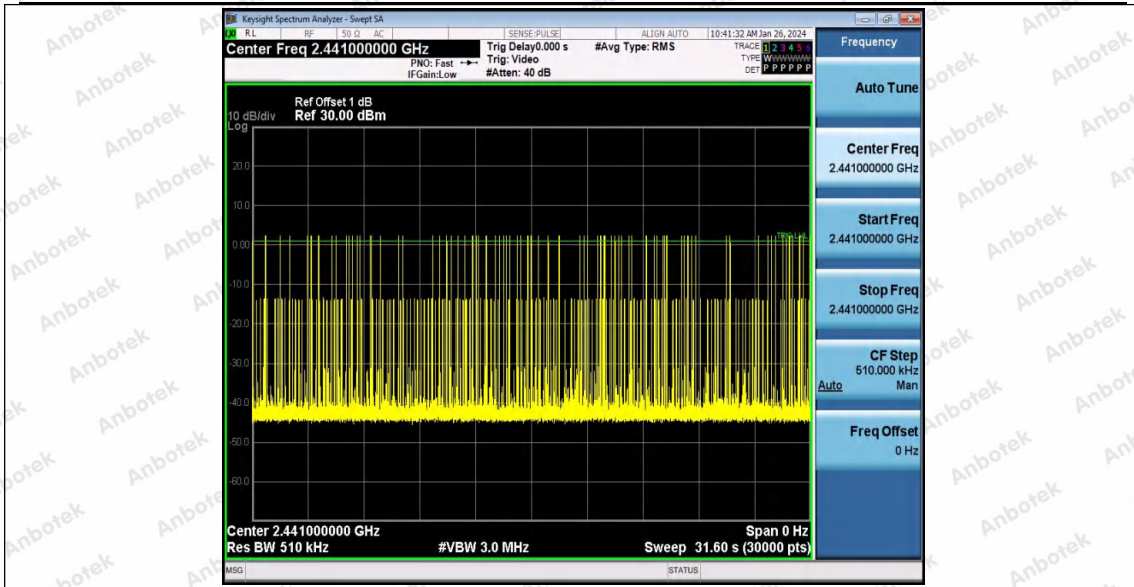


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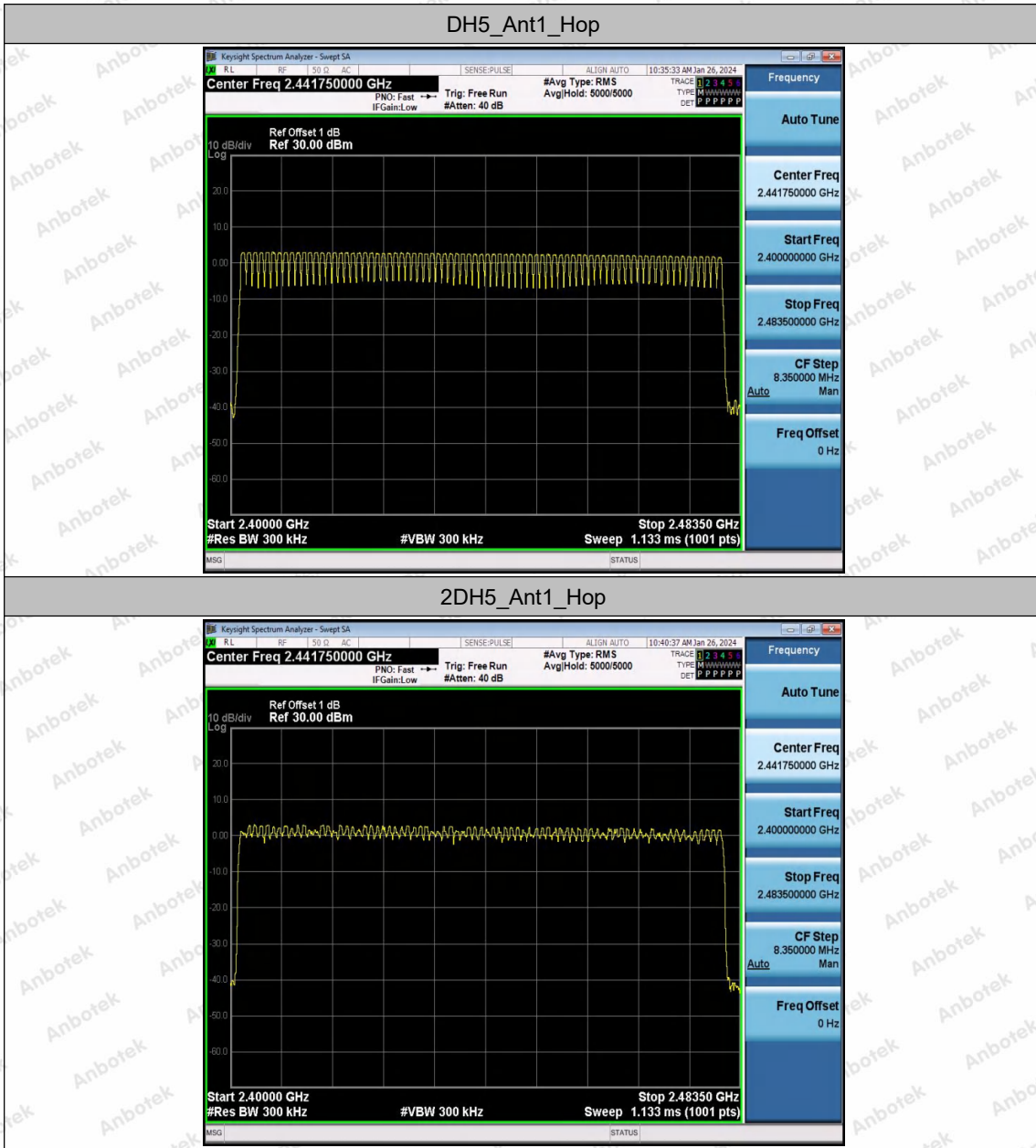
Appendix F: Number of hopping channels

Test Result

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



Test Graphs



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Appendix G: Band edge measurements

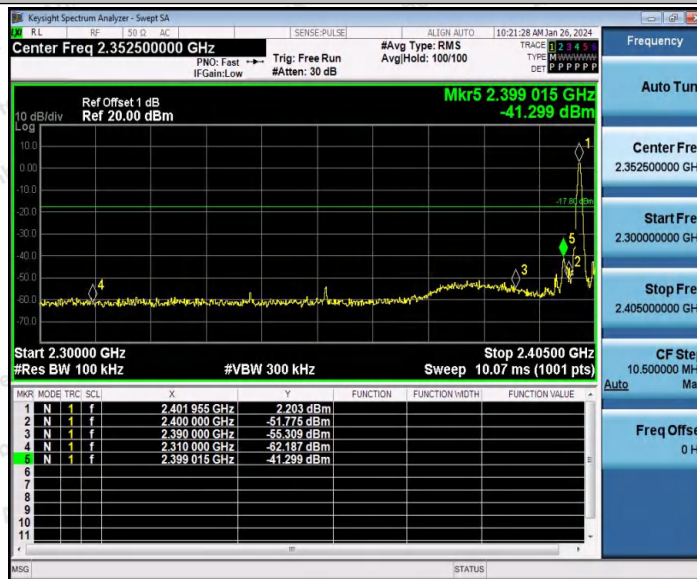
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.20	-41.3	≤-17.8	PASS
		High	2480	1.24	-44.29	≤-18.76	PASS
		Low	Hop_2402	2.41	-51.44	≤-17.59	PASS
		High	Hop_2480	1.56	-53.51	≤-18.45	PASS
2DH5	Ant1	Low	2402	2.67	-42.77	≤-17.33	PASS
		High	2480	1.39	-46.55	≤-18.61	PASS
		Low	Hop_2402	-0.75	-51.24	≤-20.75	PASS
		High	Hop_2480	-0.04	-53.1	≤-20.04	PASS

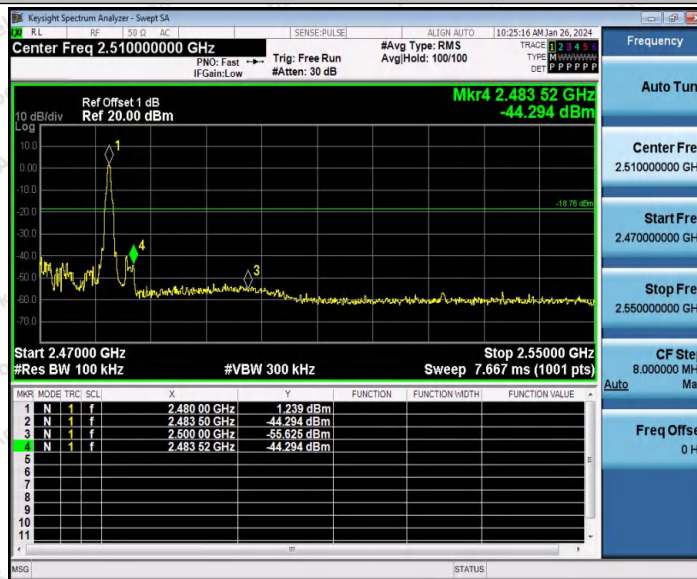


Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



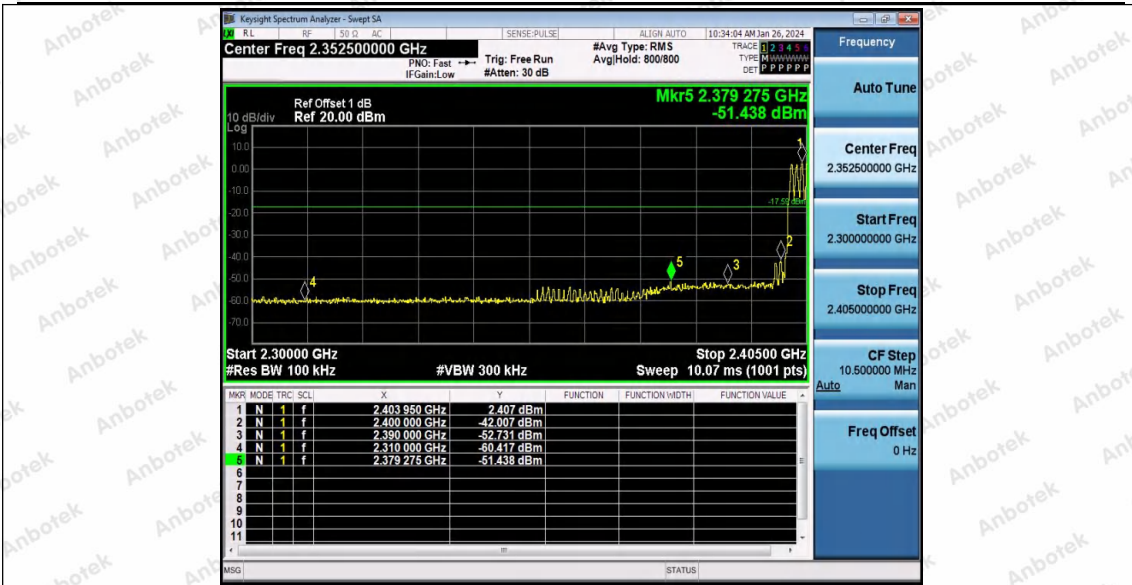
DH5_Ant1_Low_Hop_2402

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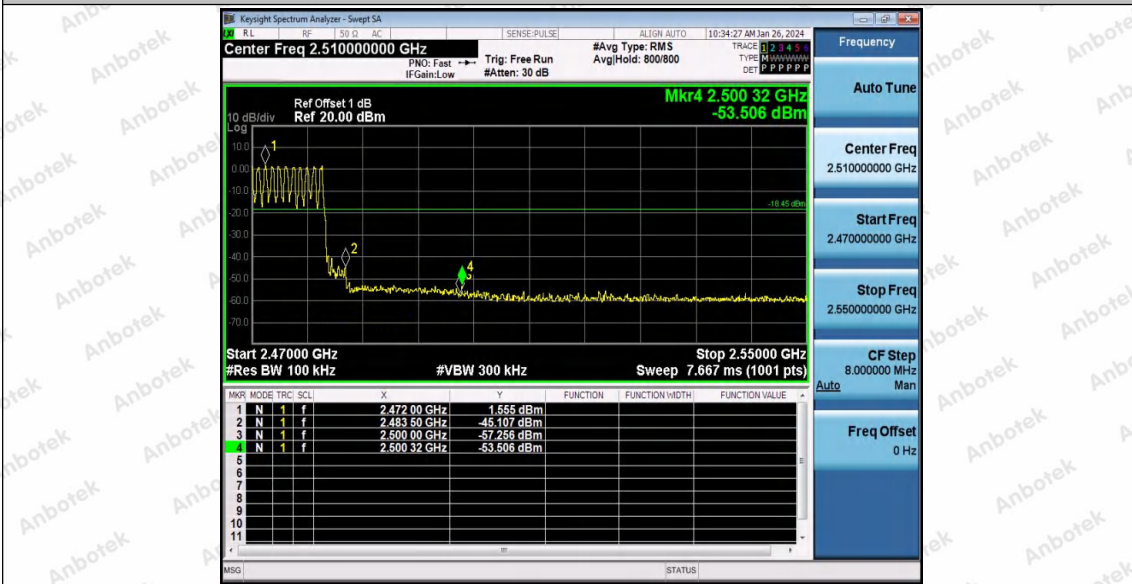
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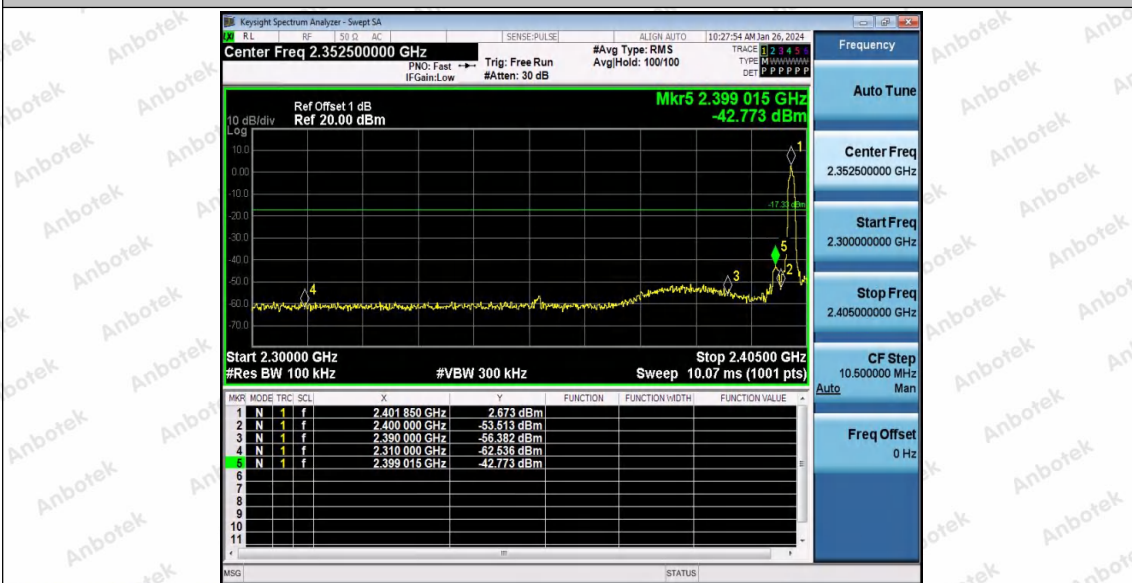




DH5_Ant1_High_Hop_2480



2DH5_Ant1_Low_2402



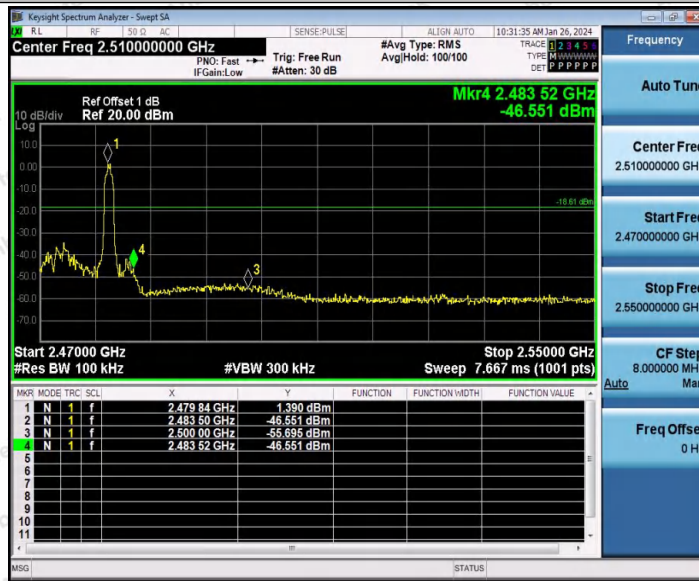
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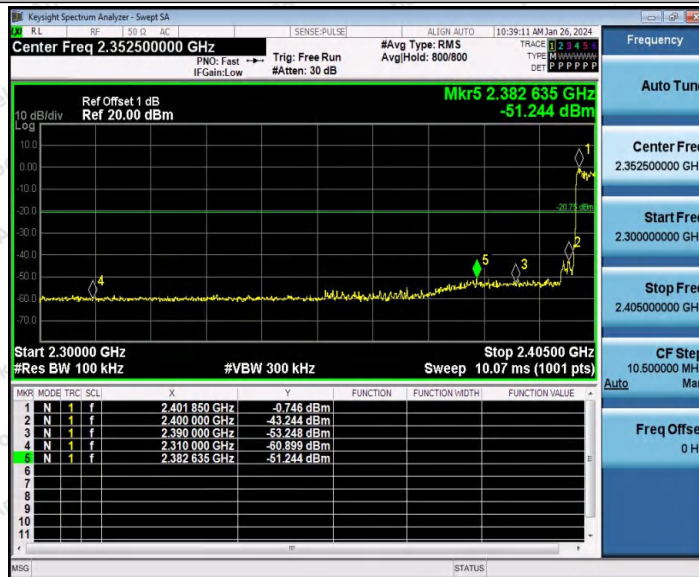
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2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



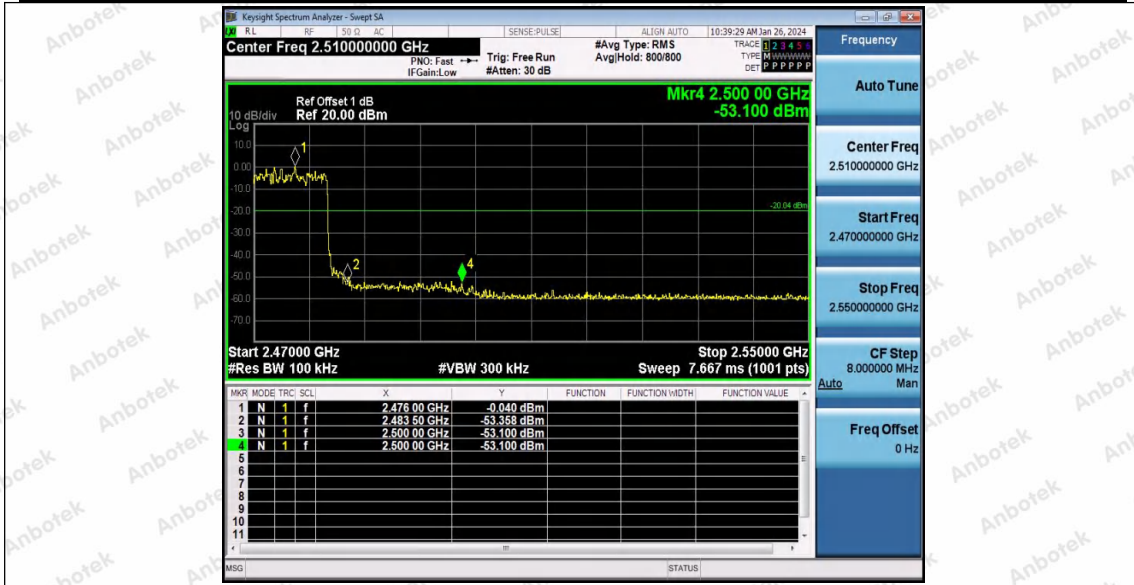
2DH5_Ant1_High_Hop_2480

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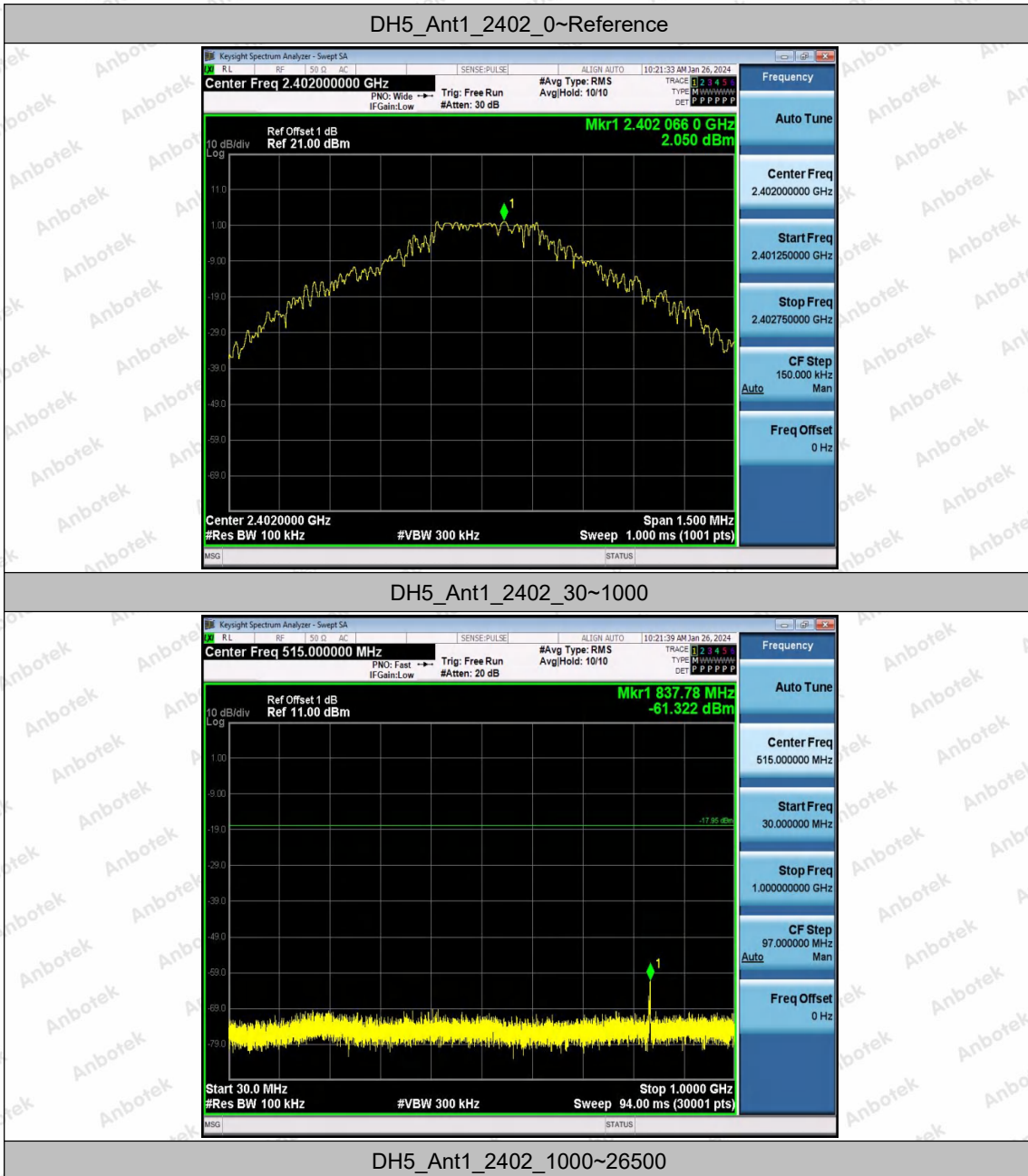
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	2.05	2.05	---	PASS
			30~1000	2.05	-61.32	≤-17.95	PASS
			1000~26500	2.05	-46.47	≤-17.95	PASS
		2441	Reference	1.83	1.83	---	PASS
			30~1000	1.83	-68.85	≤-18.17	PASS
			1000~26500	1.83	-45.44	≤-18.17	PASS
		2480	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-68.33	≤-18.91	PASS
			1000~26500	1.09	-44.39	≤-18.91	PASS
2DH5	Ant1	2402	Reference	2.16	2.16	---	PASS
			30~1000	2.16	-58.15	≤-17.84	PASS
			1000~26500	2.16	-49.09	≤-17.84	PASS
		2441	Reference	-1.69	-1.69	---	PASS
			30~1000	-1.69	-57.08	≤-21.69	PASS
			1000~26500	-1.69	-43.91	≤-21.69	PASS
		2480	Reference	0.71	0.71	---	PASS
			30~1000	0.71	-68.57	≤-19.29	PASS
			1000~26500	0.71	-50.11	≤-19.29	PASS



Test Graphs

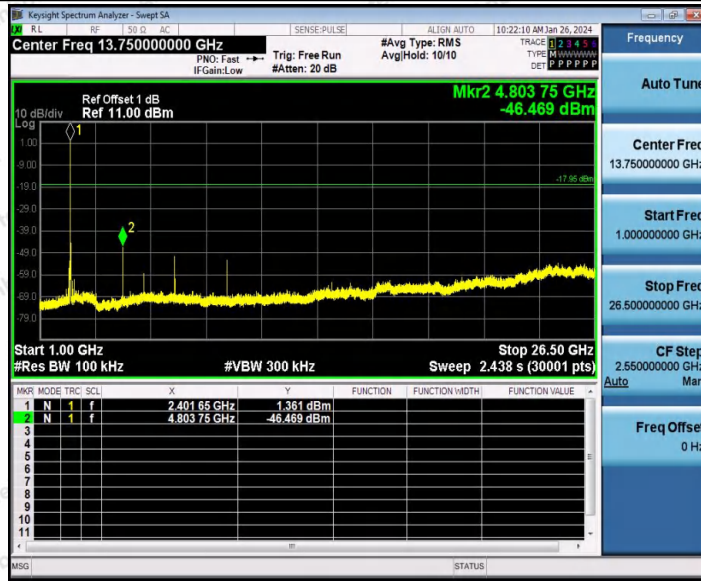


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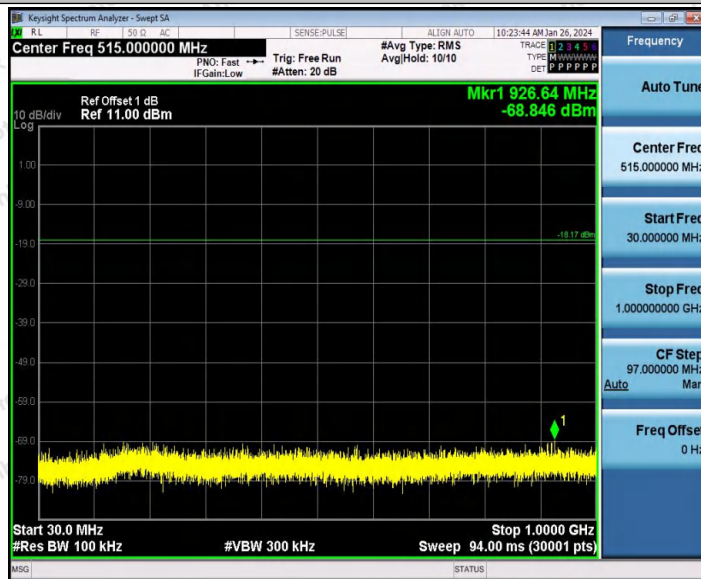




DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

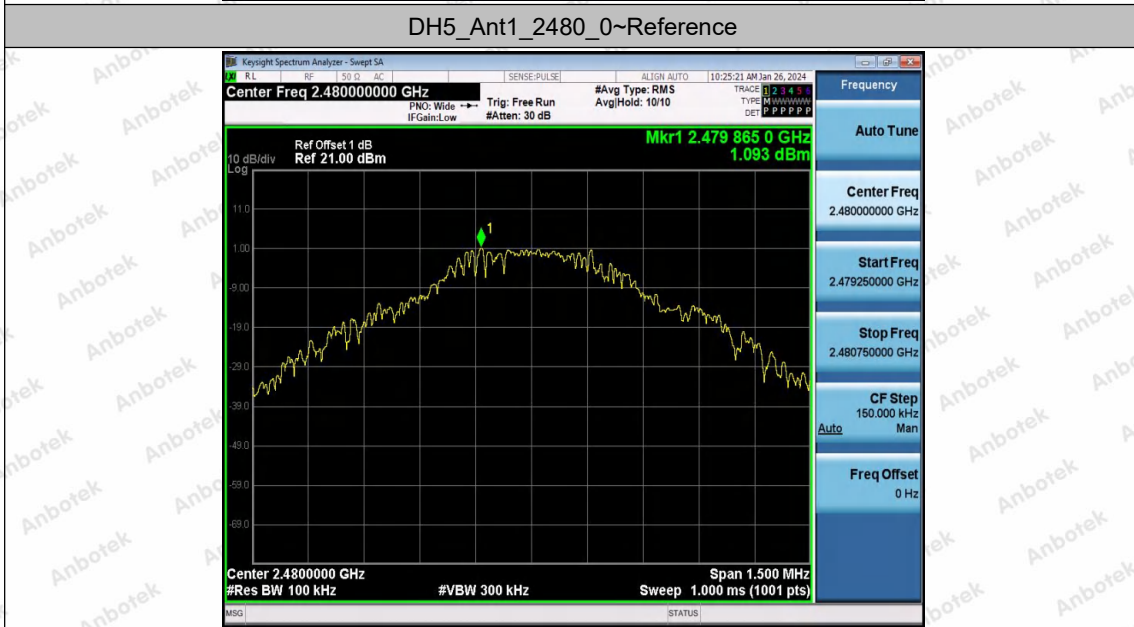
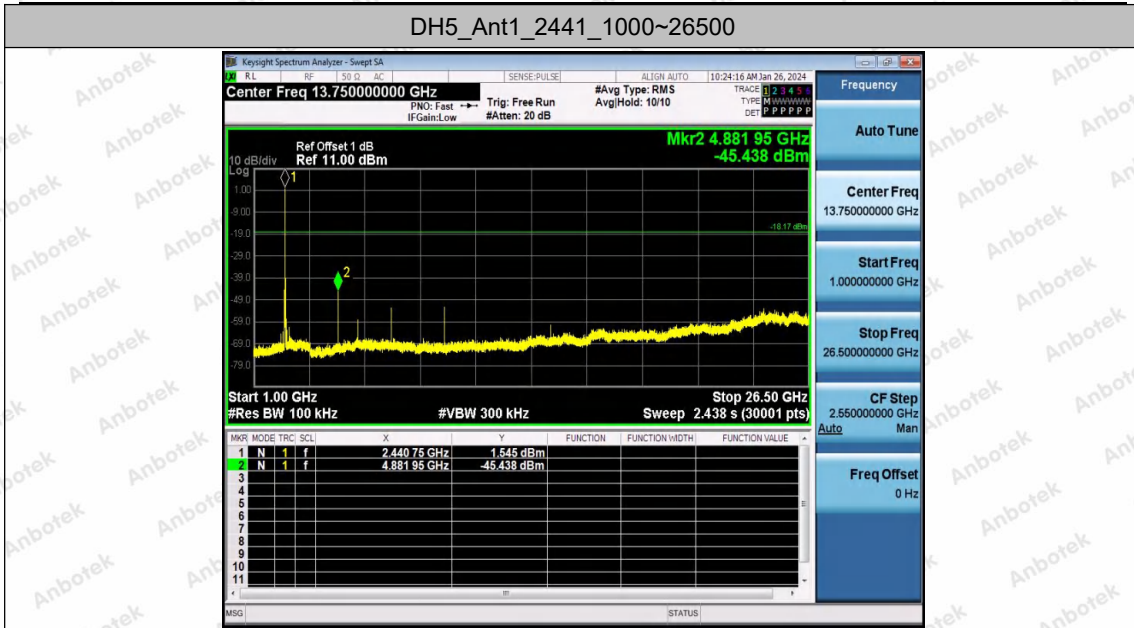


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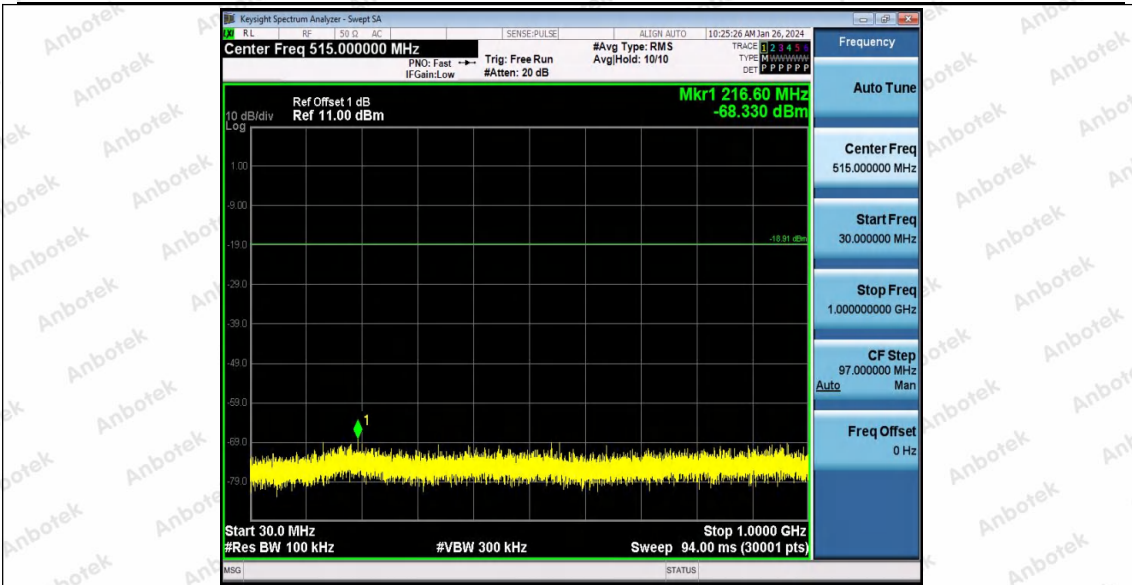
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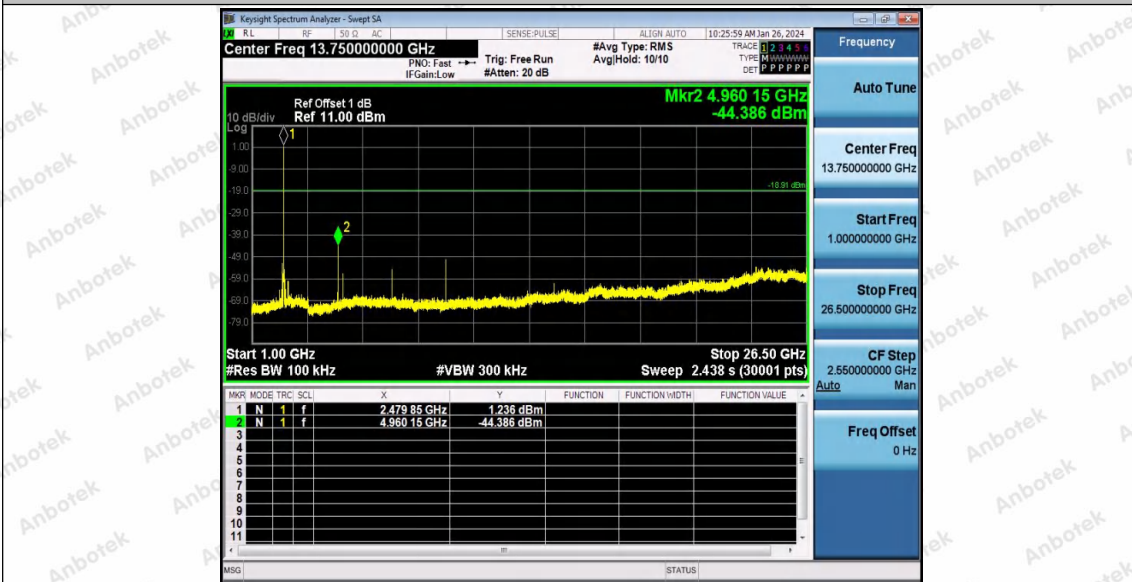
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DH5_Ant1_2480_1000~26500



2DH5_Ant1_2402_0~Reference

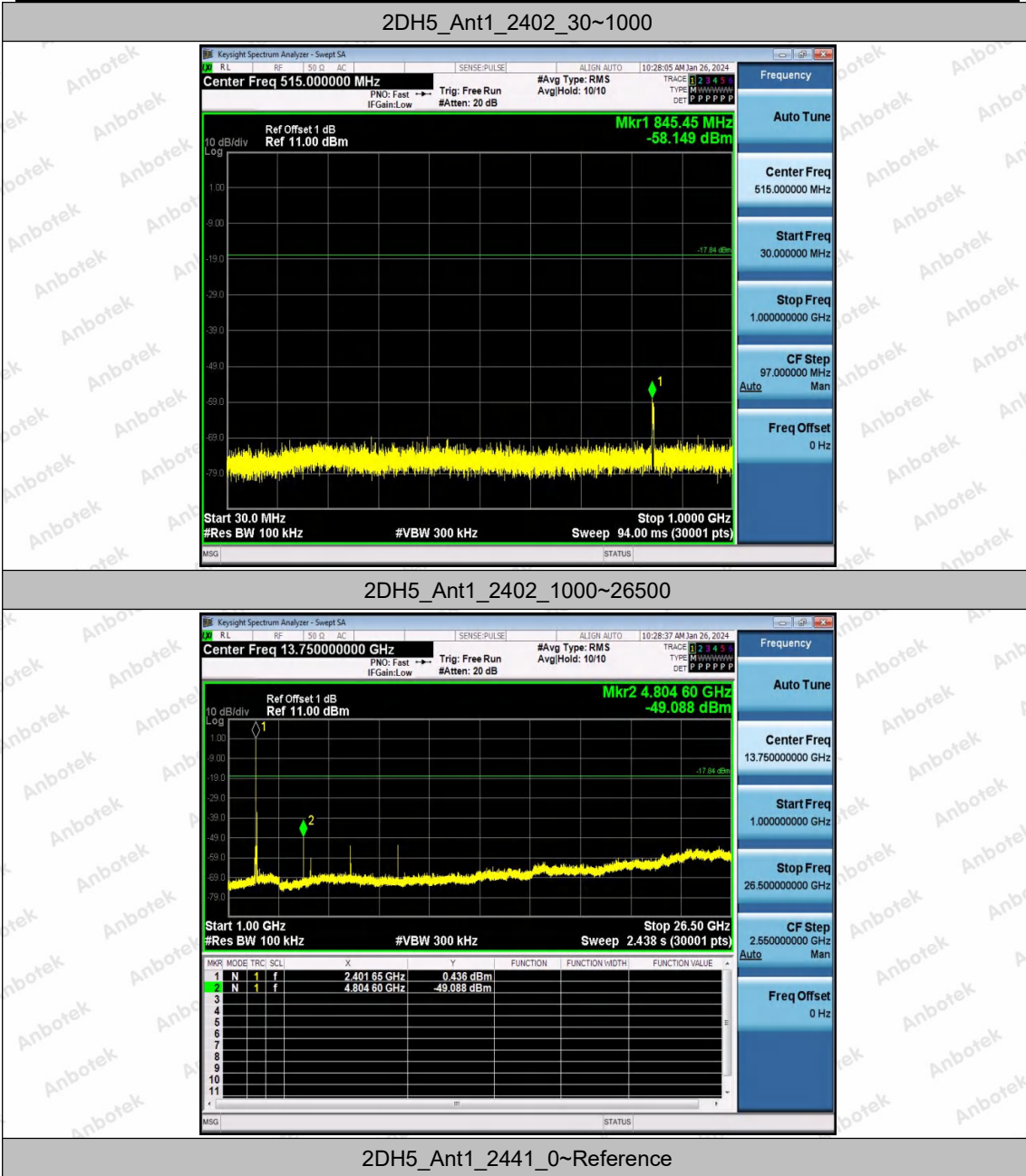


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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
www.anbotek.com.cn





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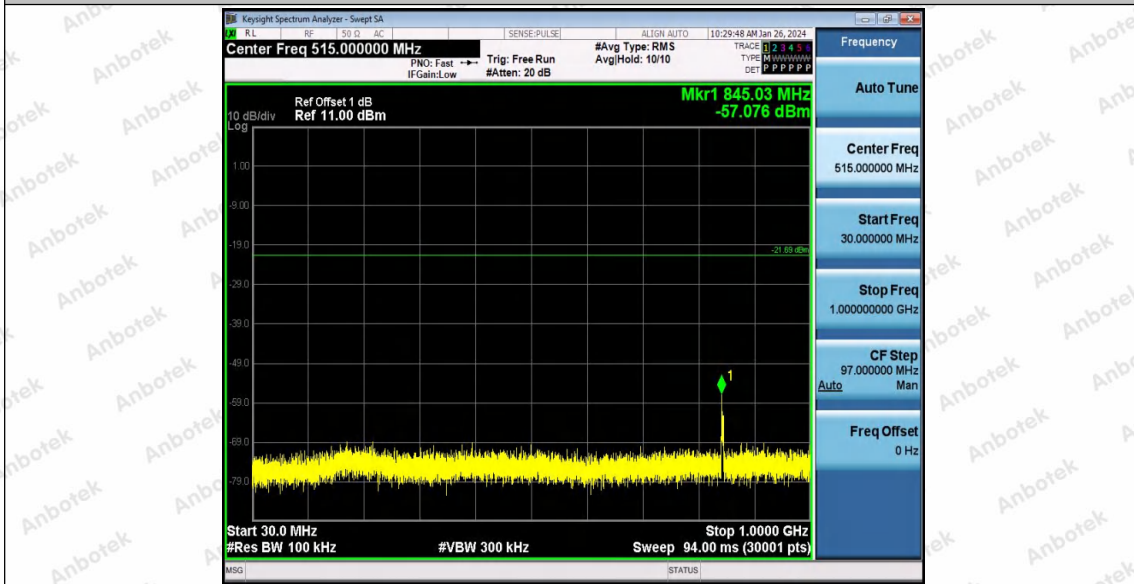
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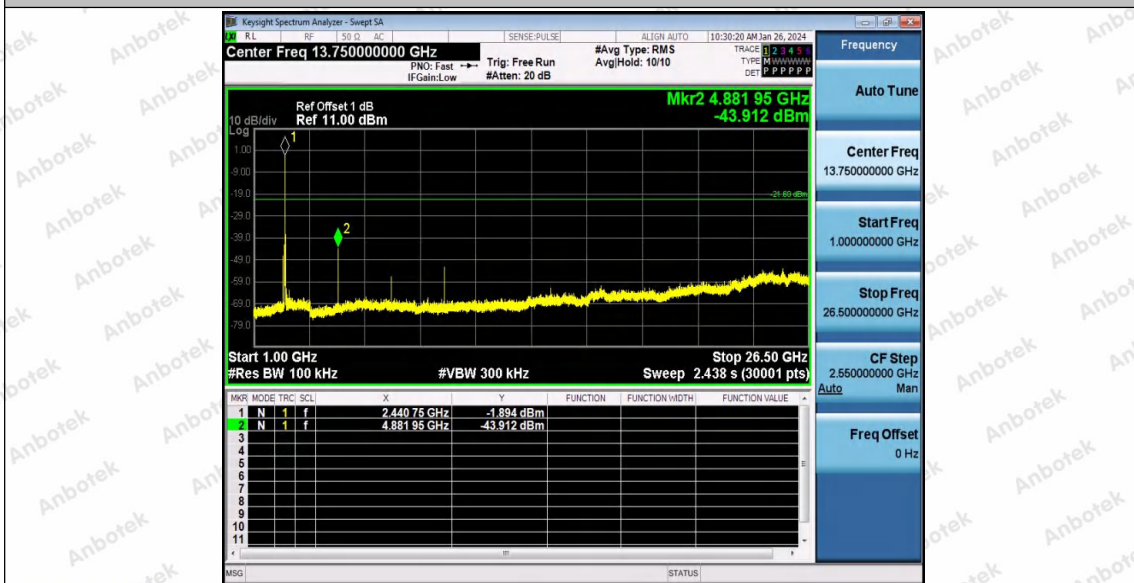




2DH5_Ant1_2441_30~1000



2DH5_Ant1_2441_1000~26500



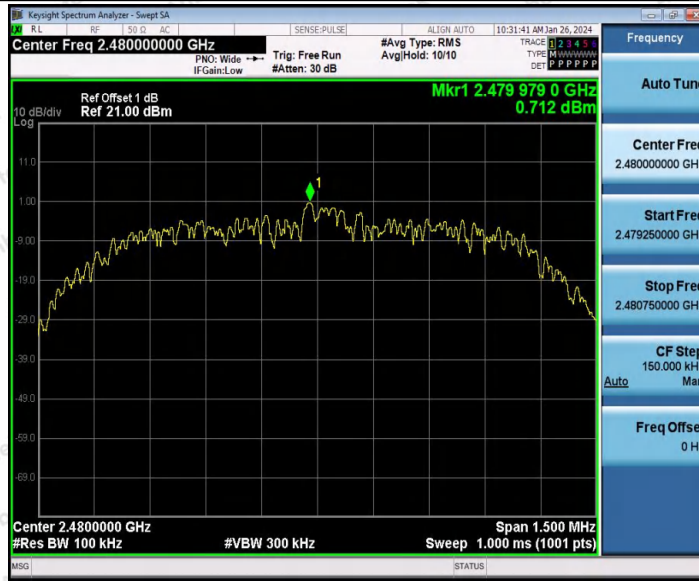
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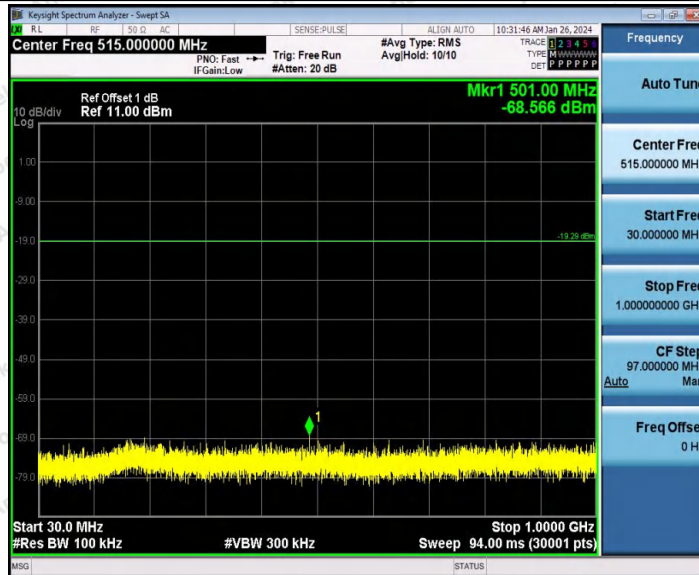
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2DH5_Ant1_2480_0~Reference



2DH5_Ant1_2480_30~1000



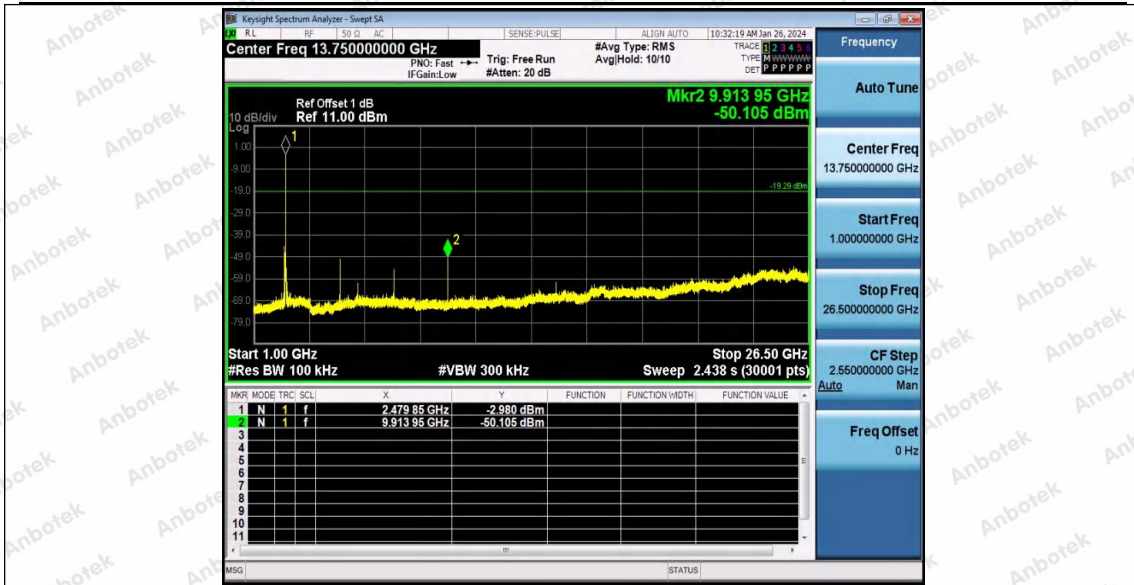
2DH5_Ant1_2480_1000~26500

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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
		2441	2.89	3.75	77.07	1.13
		2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.74	77.27	1.12
		2441	2.89	3.75	77.07	1.13
		2480	2.90	3.75	77.33	1.12

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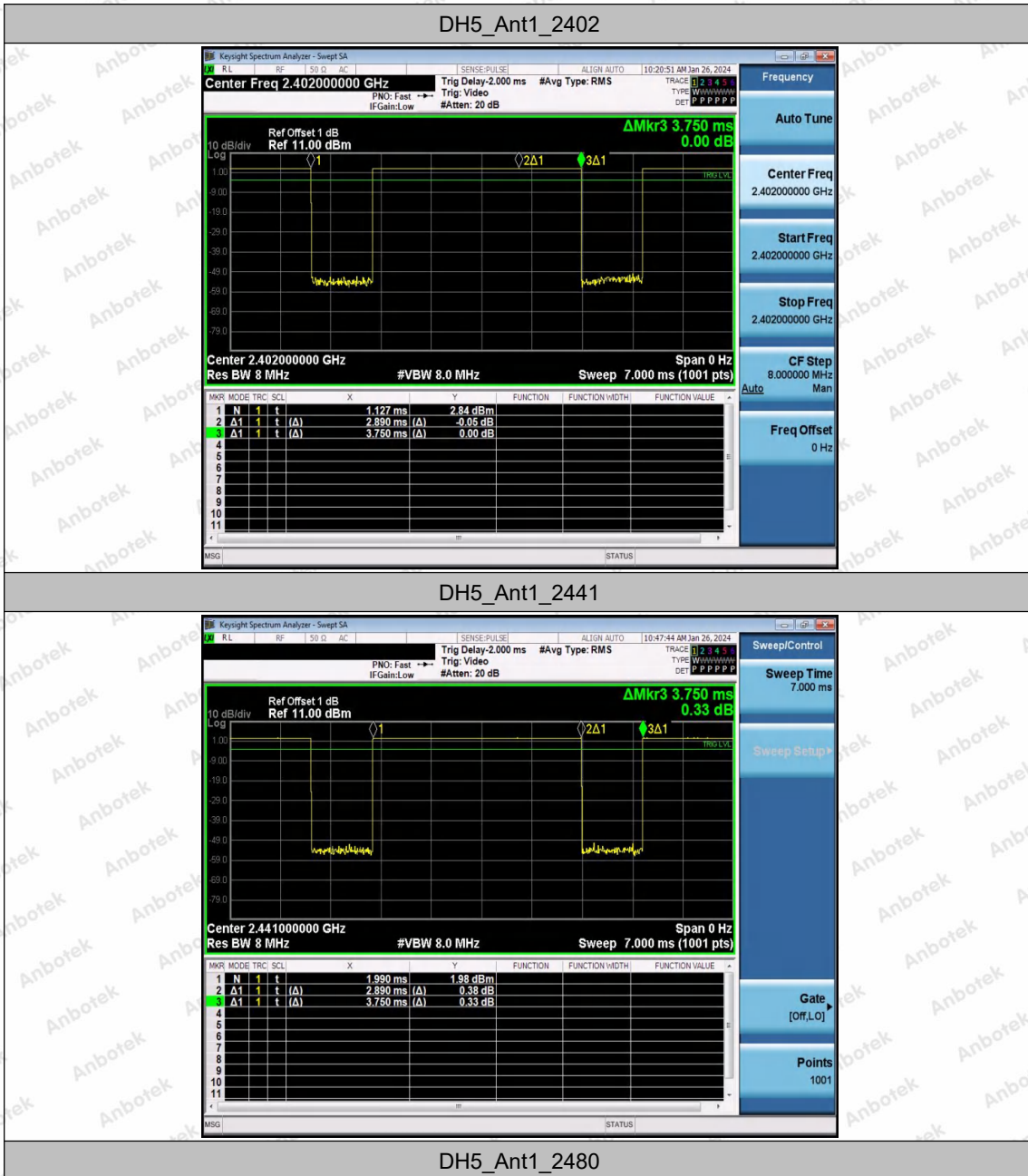
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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Test Graphs

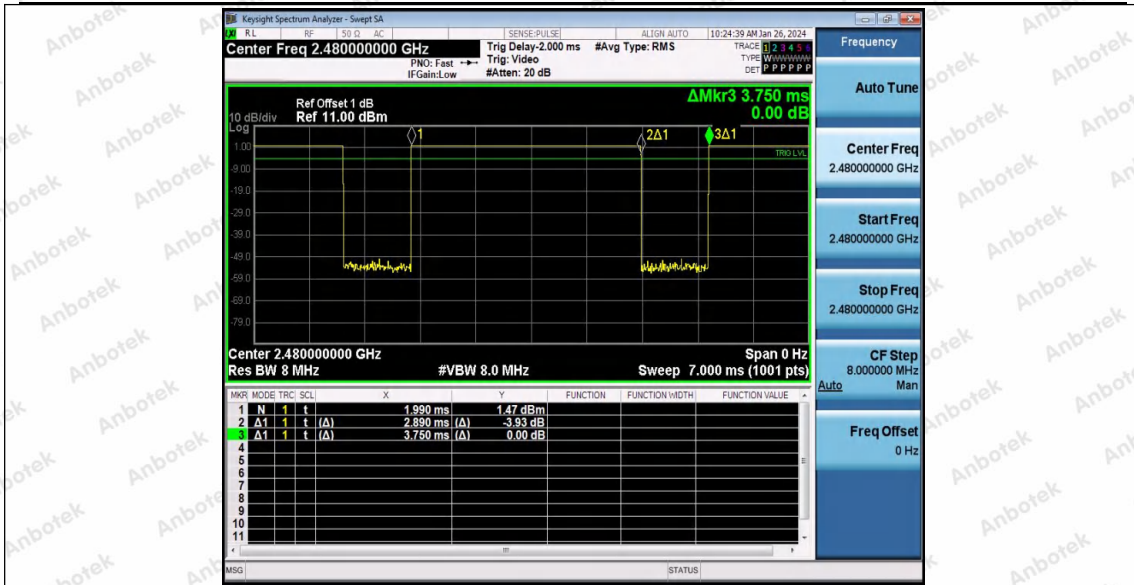


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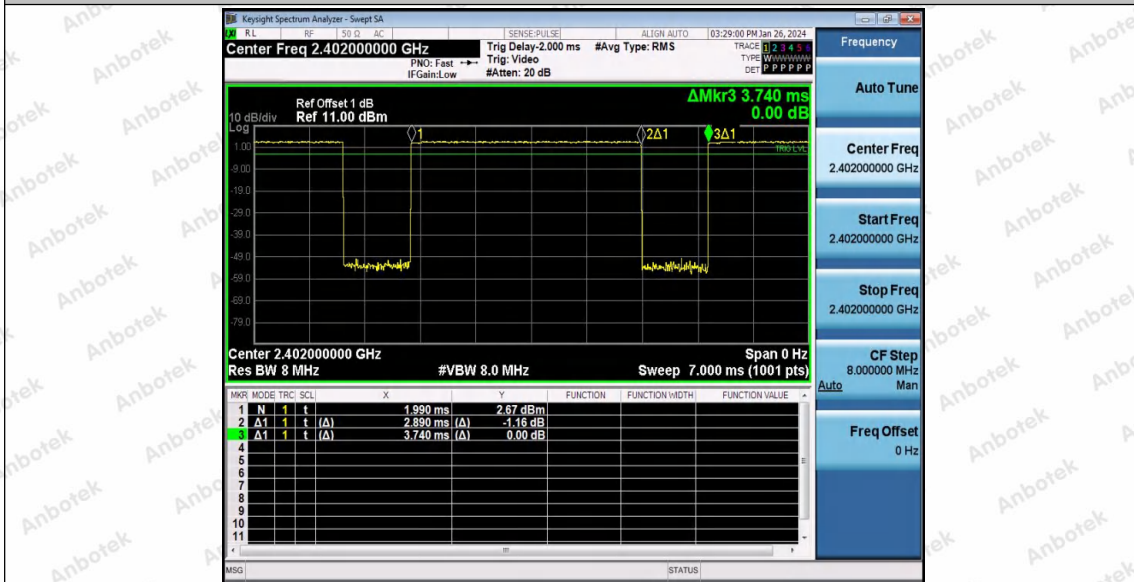
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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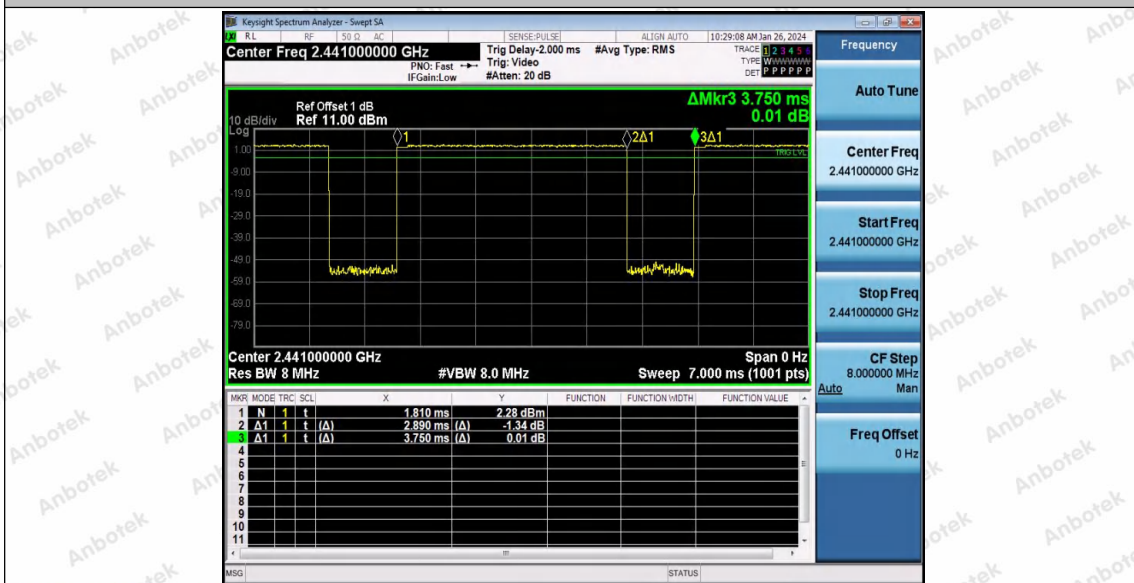




2DH5_Ant1_2402



2DH5_Ant1_2441

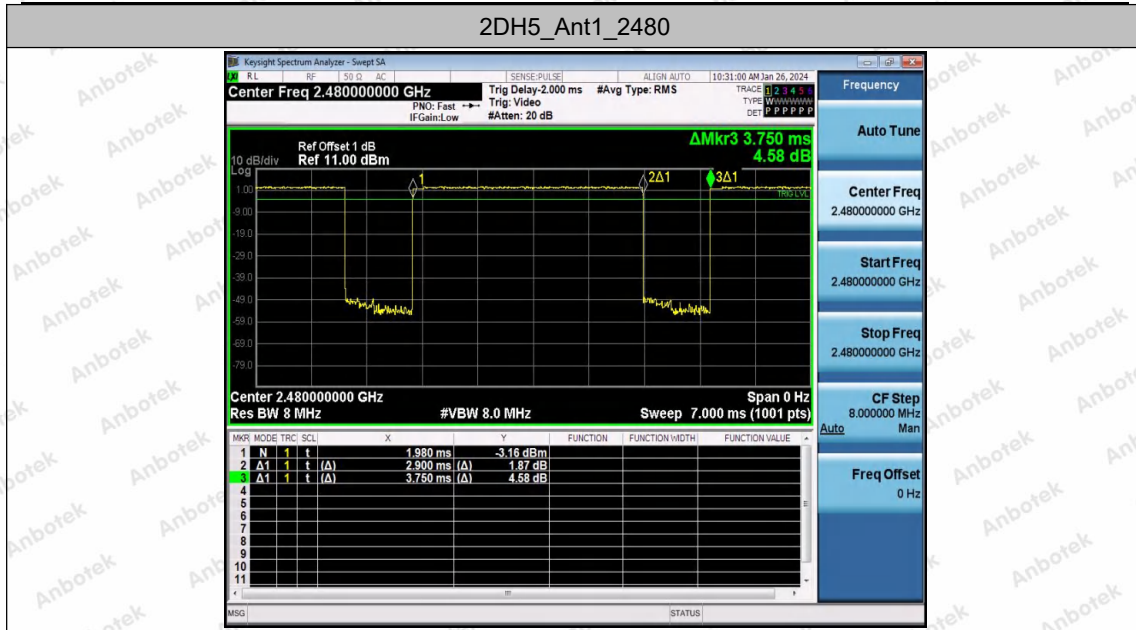


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Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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