

Appendix Test Data

Report No.:	18220WC30271501	Test Sample No.:	1-2-2
Start Test Date:	2023.12.26	Finish Test Date:	2023.12.27
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	25.2°C	Relative Humidity:	46%
Pressure:	101kPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.660	2401.544	2402.204	0.5	PASS
		2441	0.624	2440.572	2441.196	0.5	PASS
		2480	0.644	2479.556	2480.200	0.5	PASS

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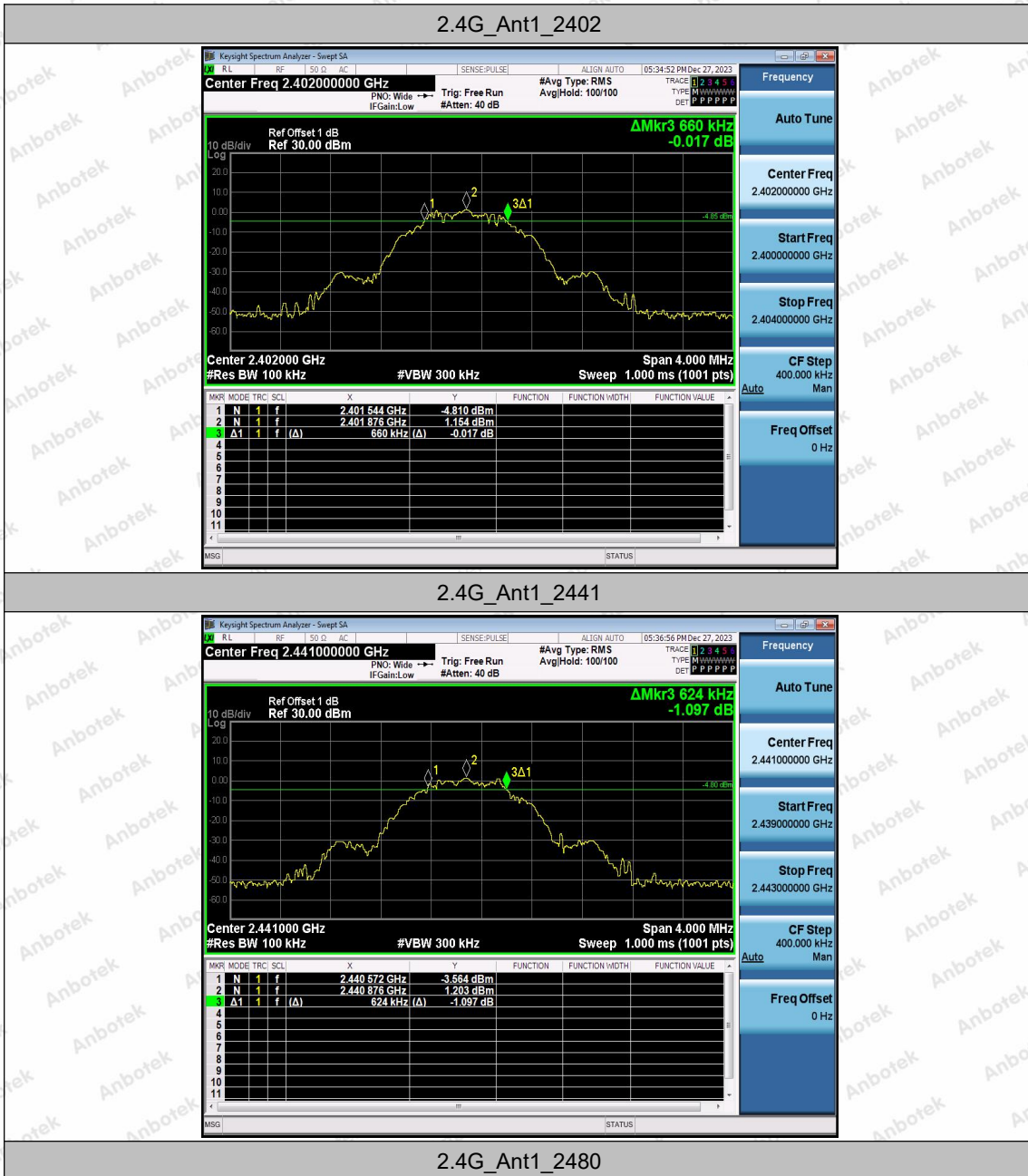
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Test Graphs



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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
2.4G	Ant1	2402	1.0307	2401.3657	2402.3964
		2441	1.0378	2440.3559	2441.3937
		2480	1.0293	2479.3564	2480.3857

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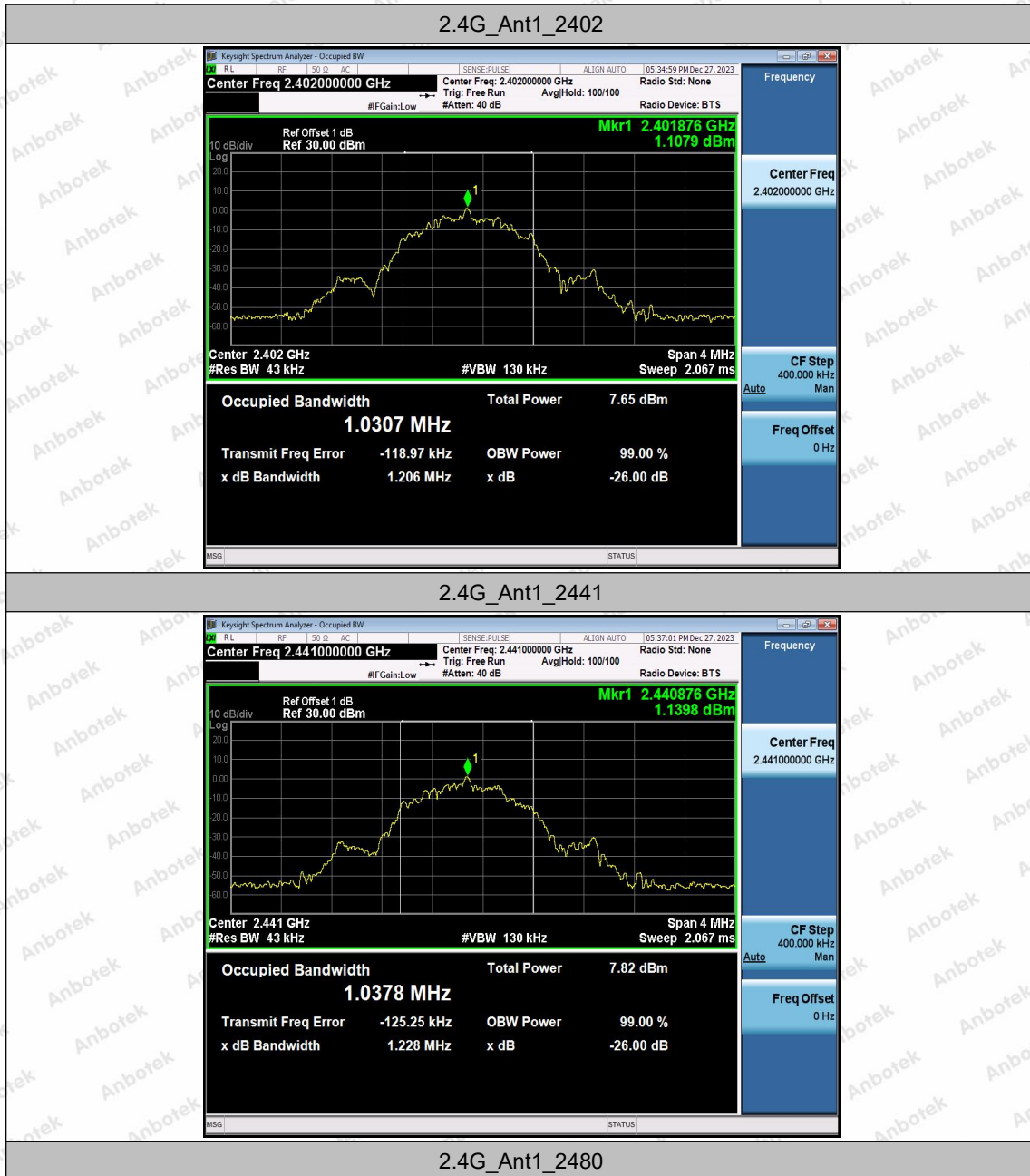
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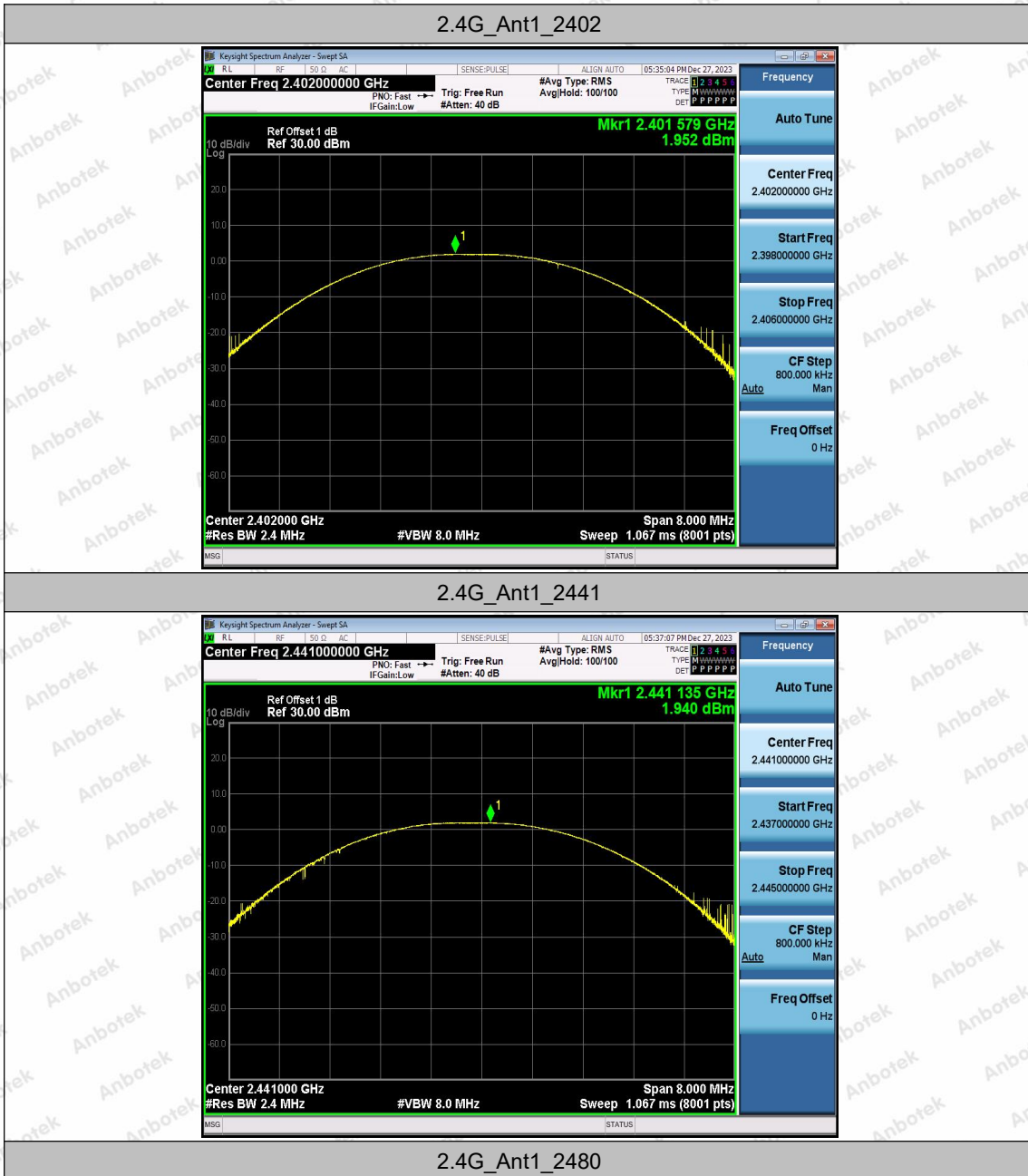
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	1.95	≤30	PASS
		2441	1.94	≤30	PASS
		2480	1.81	≤30	PASS



Test Graphs Peak

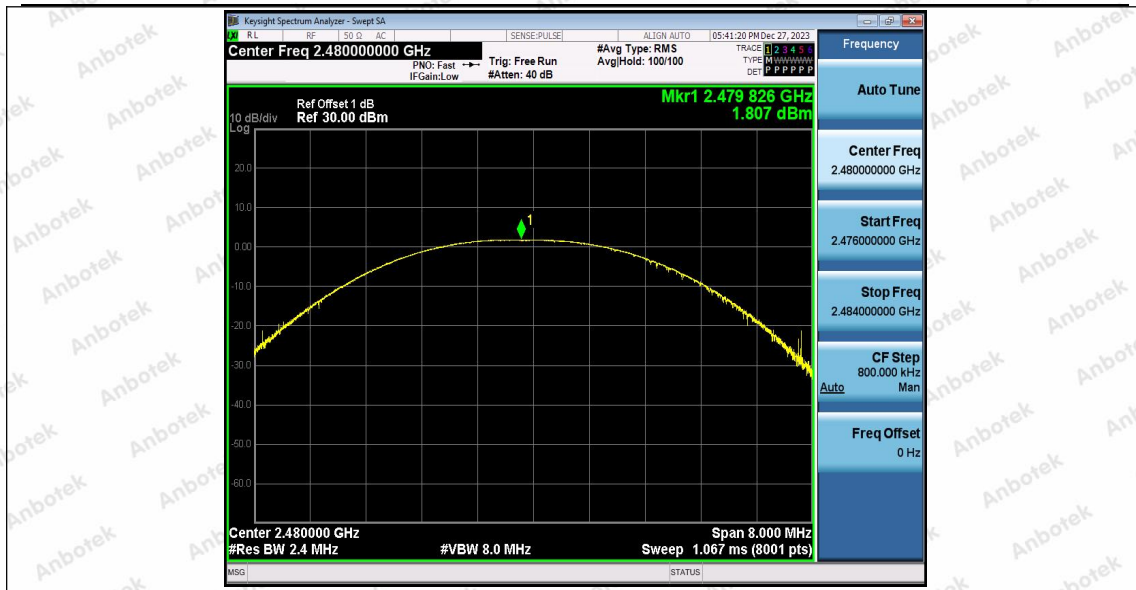


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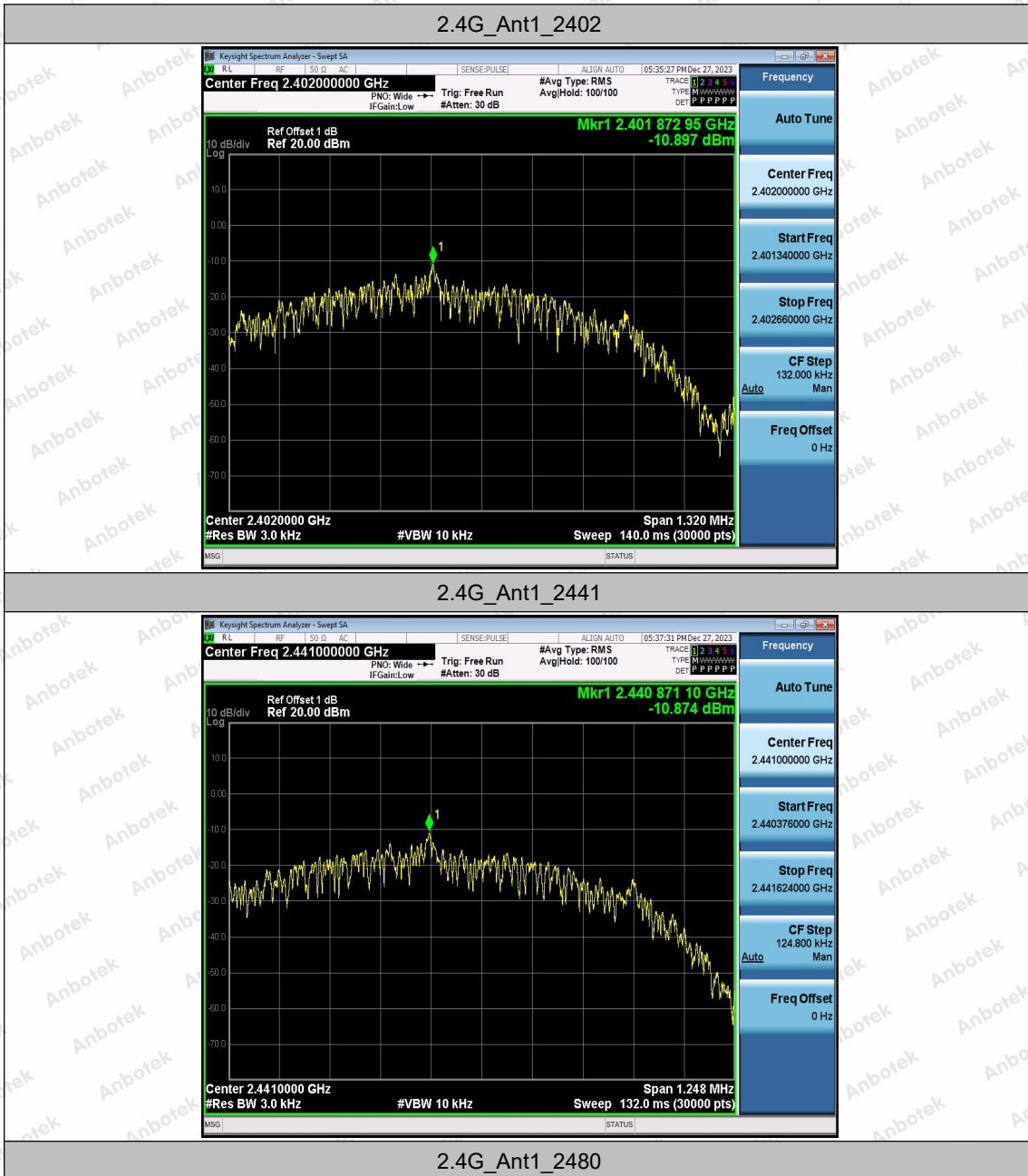
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2402	-10.9	≤8.00	PASS
		2441	-10.87	≤8.00	PASS
		2480	-10.99	≤8.00	PASS



Test Graphs



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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	Low	2402	0.23	-43.64	≤-19.77	PASS
		High	2480	1.05	-43.24	≤-18.95	PASS

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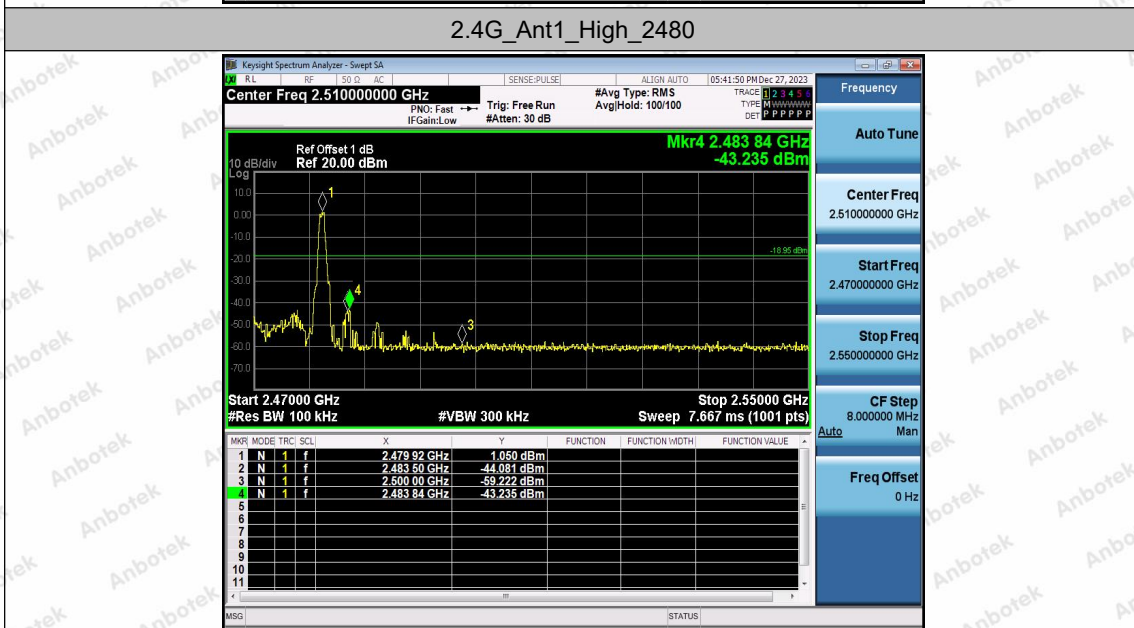
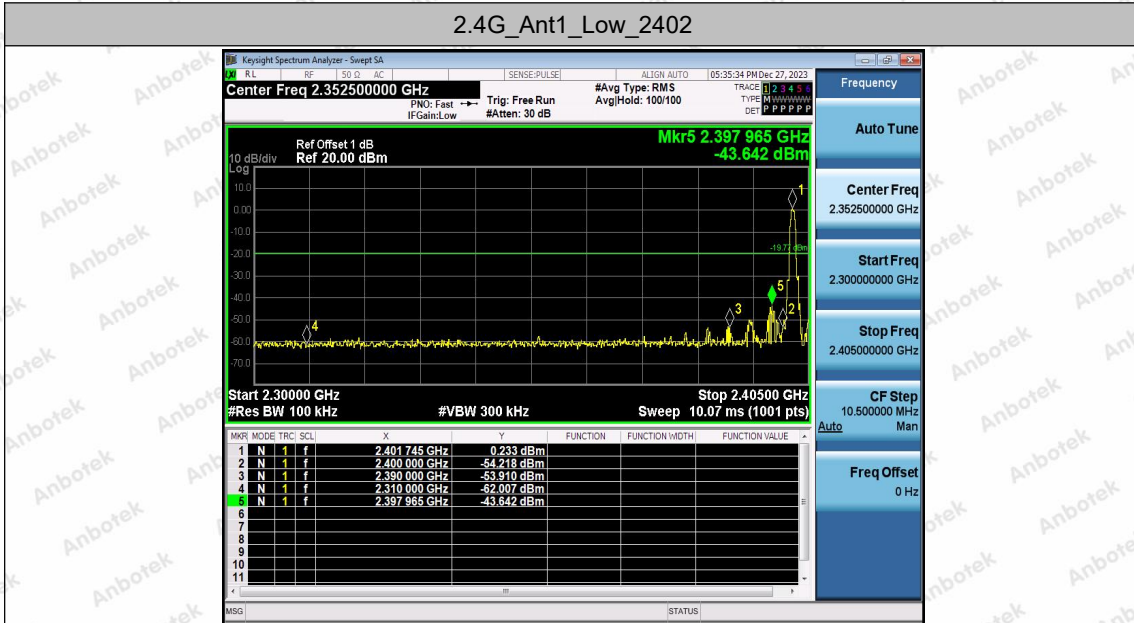
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4G	Ant1	2402	Reference	1.22	1.22	---	PASS
			30~1000	1.22	-66.97	≤-18.78	PASS
			1000~26500	1.22	-31.64	≤-18.78	PASS
		2441	Reference	1.23	1.23	---	PASS
			30~1000	1.23	-66.64	≤-18.77	PASS
			1000~26500	1.23	-29.77	≤-18.77	PASS
		2480	Reference	1.09	1.09	---	PASS
			30~1000	1.09	-68.38	≤-18.91	PASS
			1000~26500	1.09	-32.5	≤-18.91	PASS

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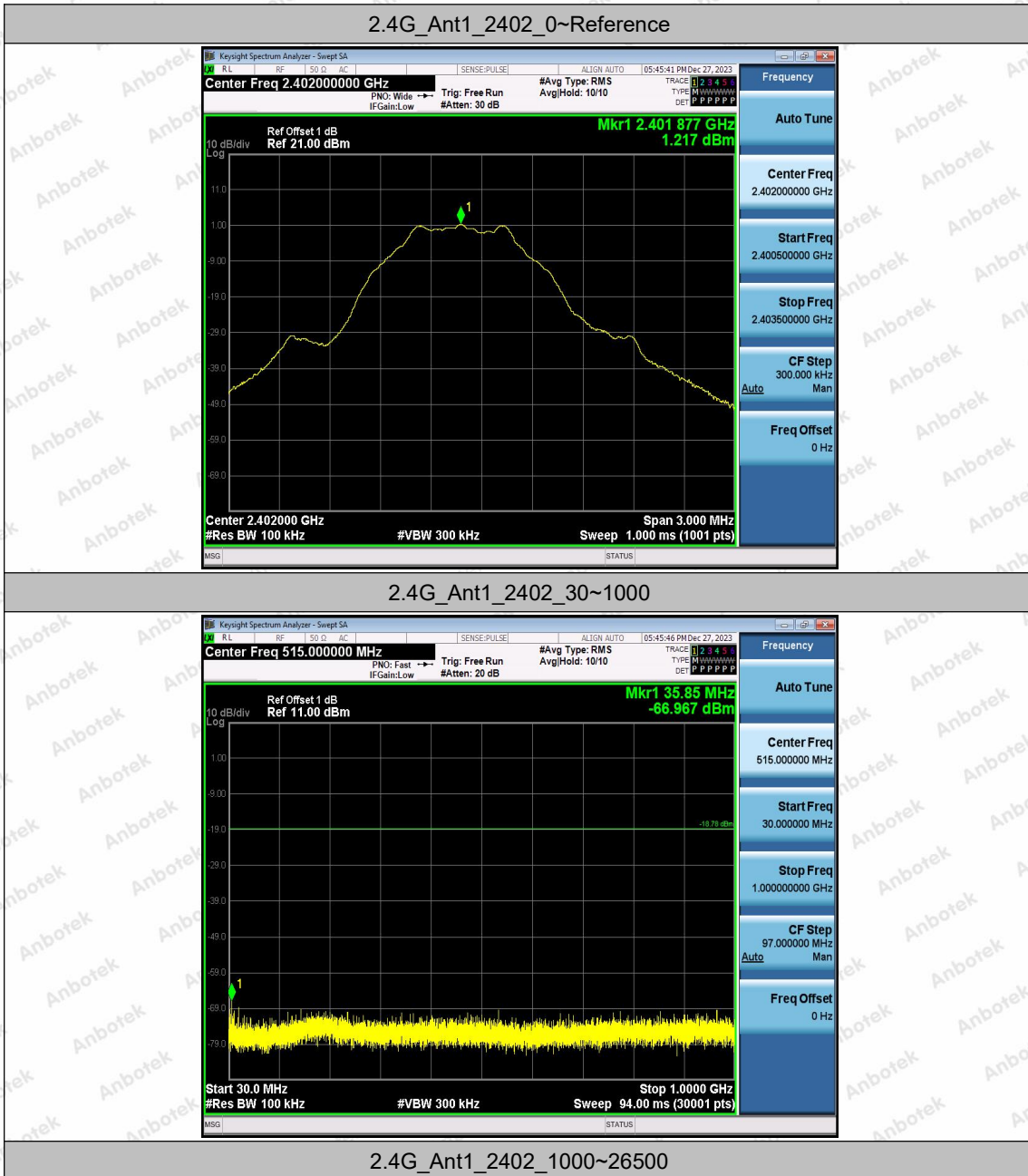
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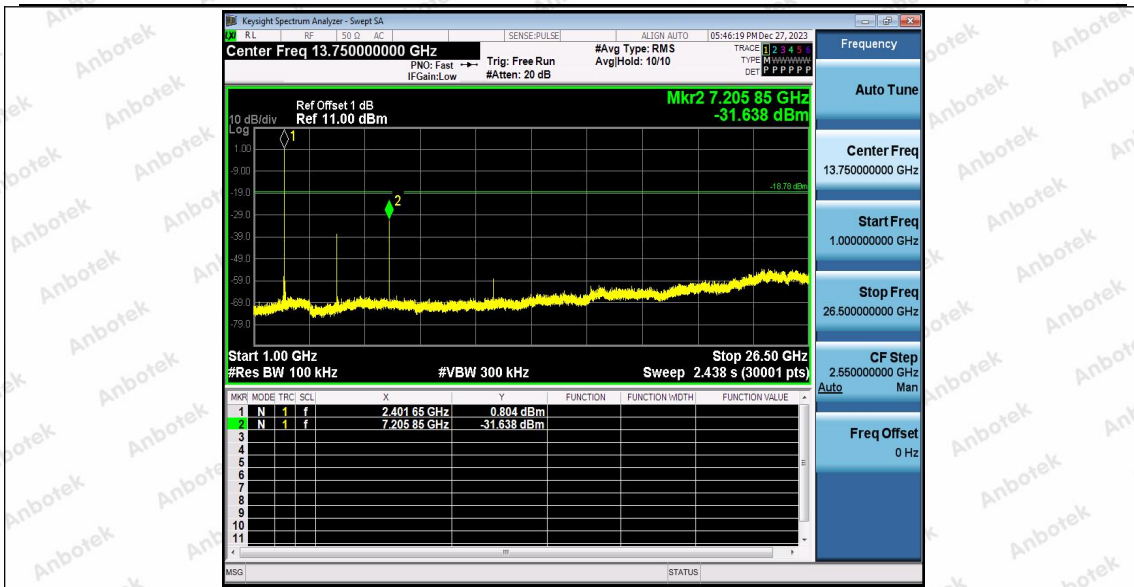
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2.4G_Ant1_2441_0~Reference



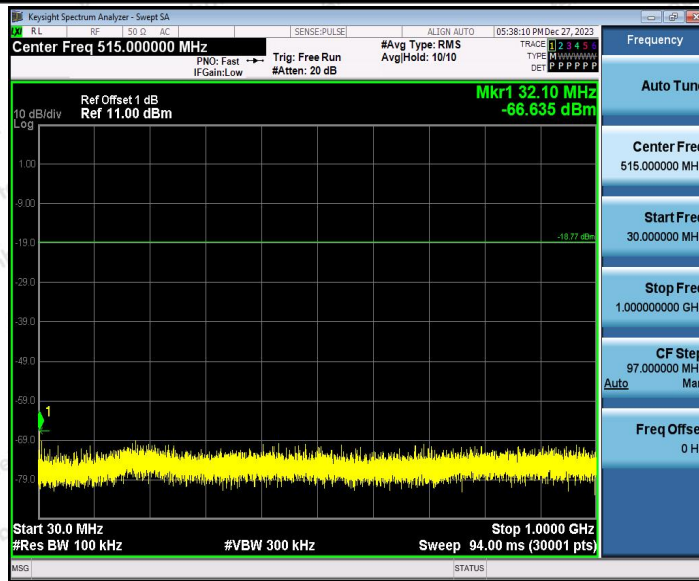
2.4G_Ant1_2441_30~1000

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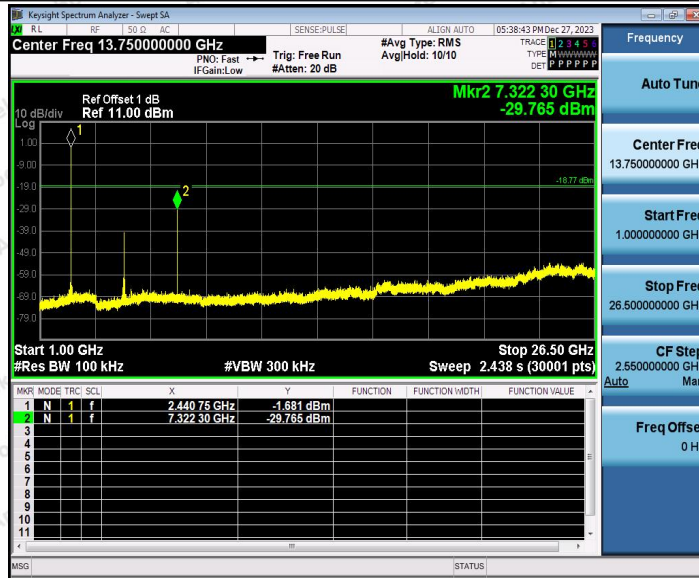
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2.4G_Ant1_2441_1000~26500



2.4G_Ant1_2480_0~Reference

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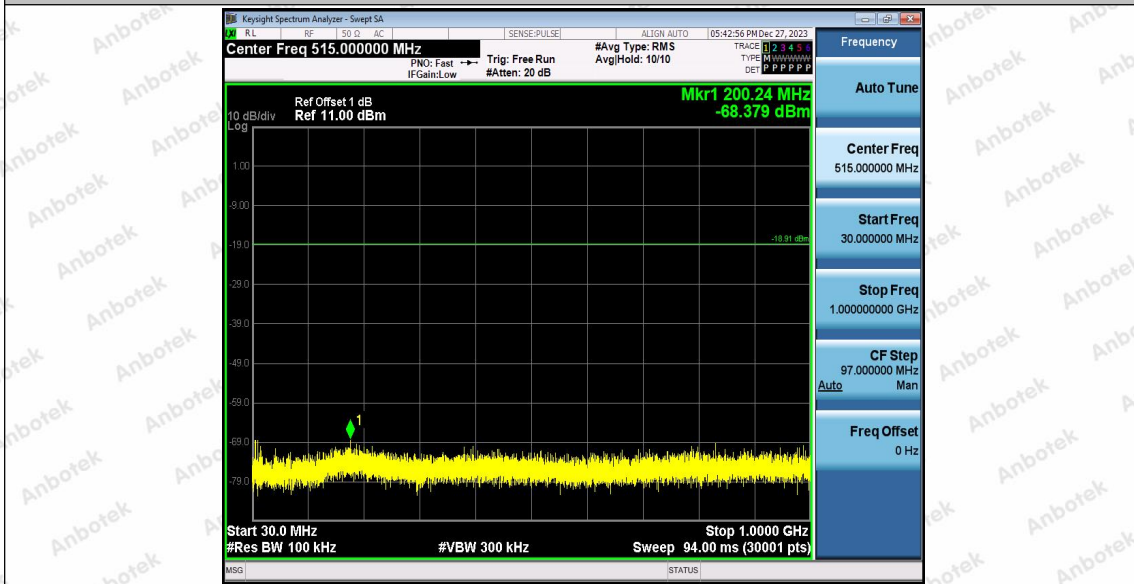
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2.4G_Ant1_2480_30~1000



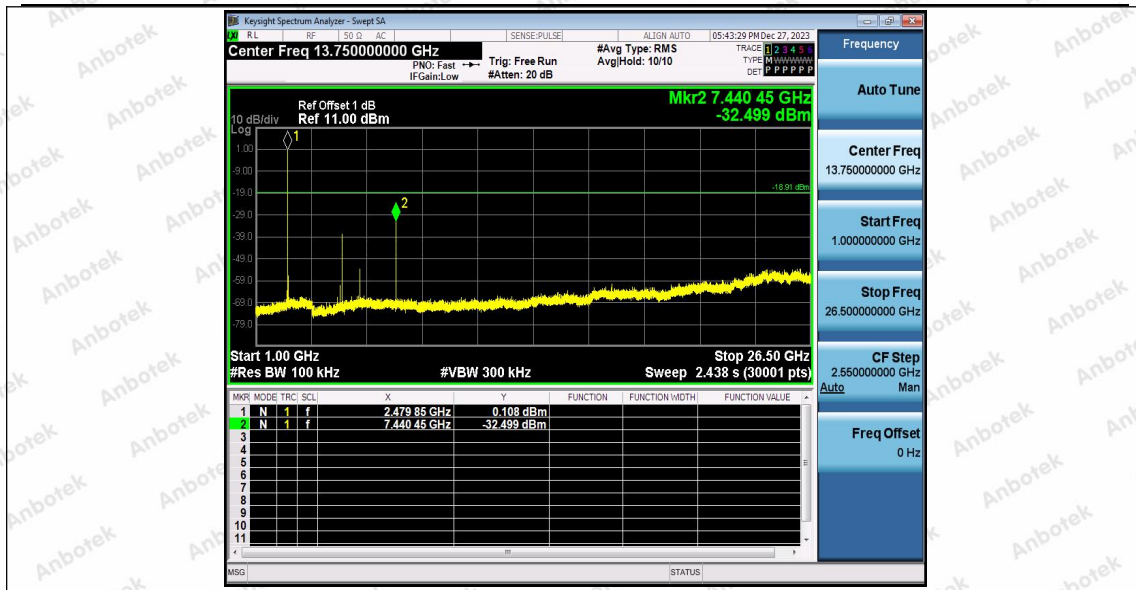
2.4G_Ant1_2480_1000~26500

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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	0.41	2.70	15.19	8.18
		2441	0.41	2.70	15.19	8.18
		2480	0.41	2.70	15.19	8.18

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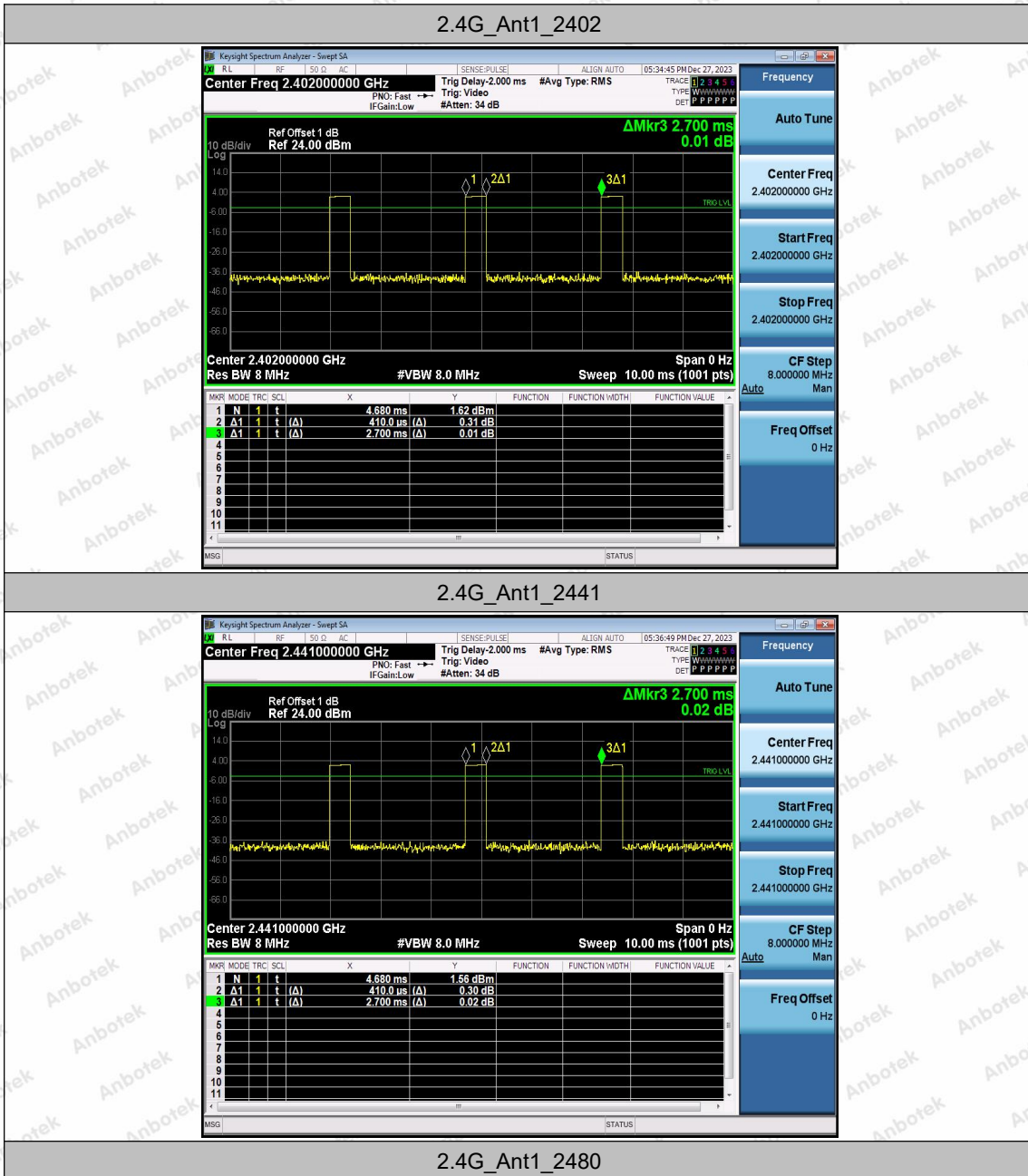
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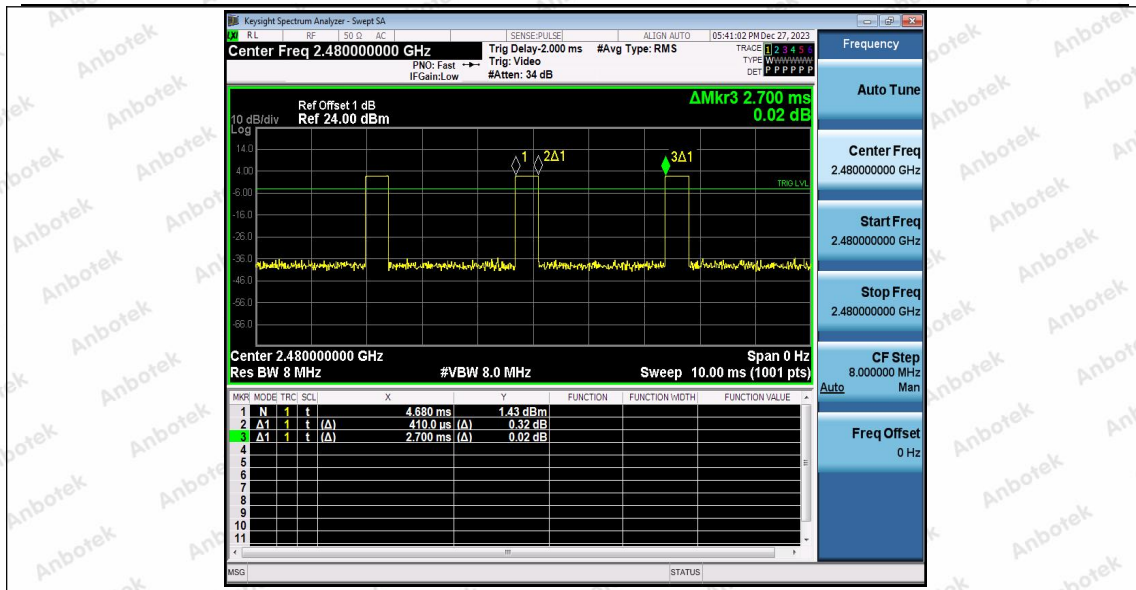
2.4G_Ant1_2480

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