

Appendix Test Data

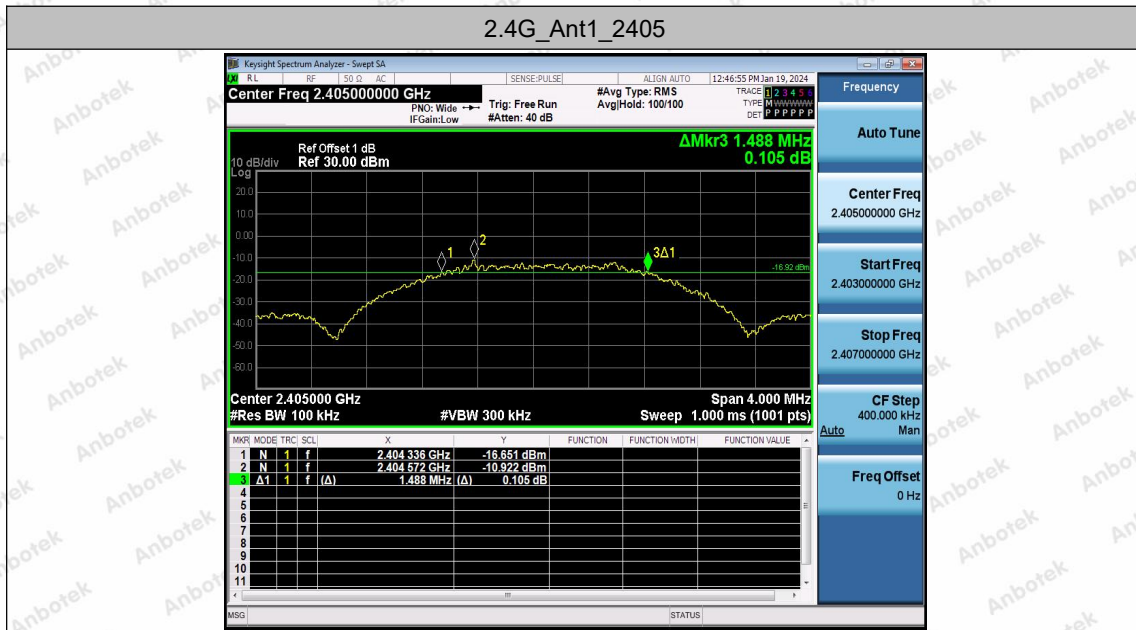
Report No.:	18220WC271201	Test Sample No.:	1-2-2
Start Test Date:	2024.1.19	Finish Test Date:	2024.1.19
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	25.3°C	Relative Humidity:	46%
Pressure:	101kPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.488	2404.336	2405.824	0.5	PASS
		2430	1.524	2429.332	2430.856	0.5	PASS
		2470	1.544	2469.308	2470.852	0.5	PASS

Test Graphs



2.4G_Ant1_2430



2.4G_Ant1_2470



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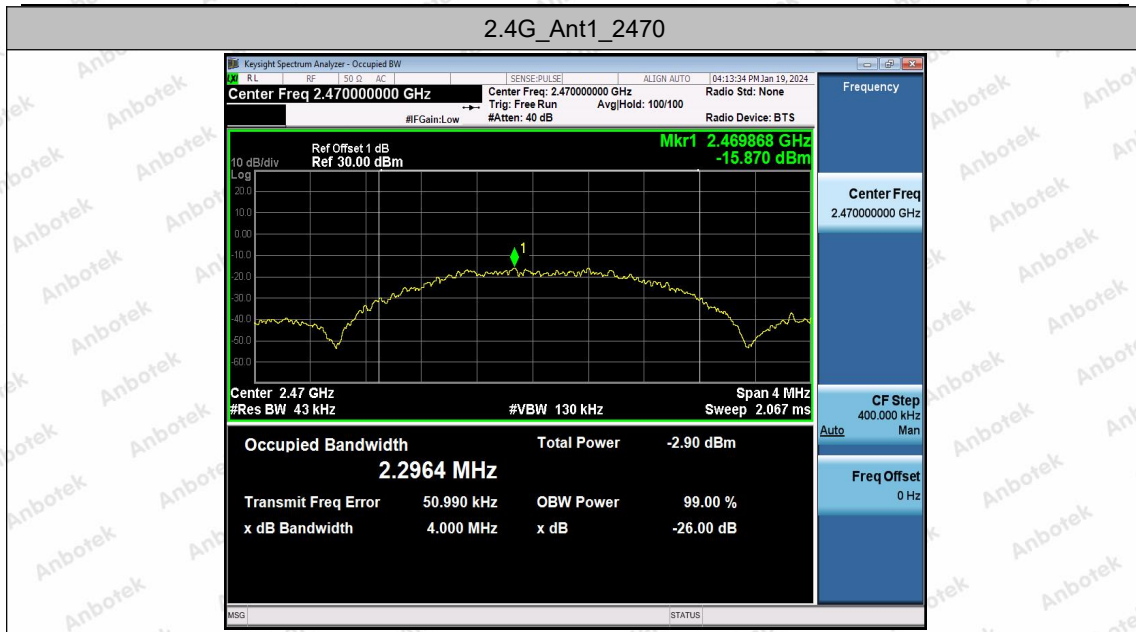
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
2.4G	Ant1	2405	2.3013	2403.9087	2406.2100
		2430	2.2840	2428.9062	2431.1902
		2470	2.2964	2468.9028	2471.1992

Test Graphs





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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	2405	-8.74	≤30	PASS
		2430	-9.33	≤30	PASS
		2470	-10.05	≤30	PASS

Test Graphs Peak

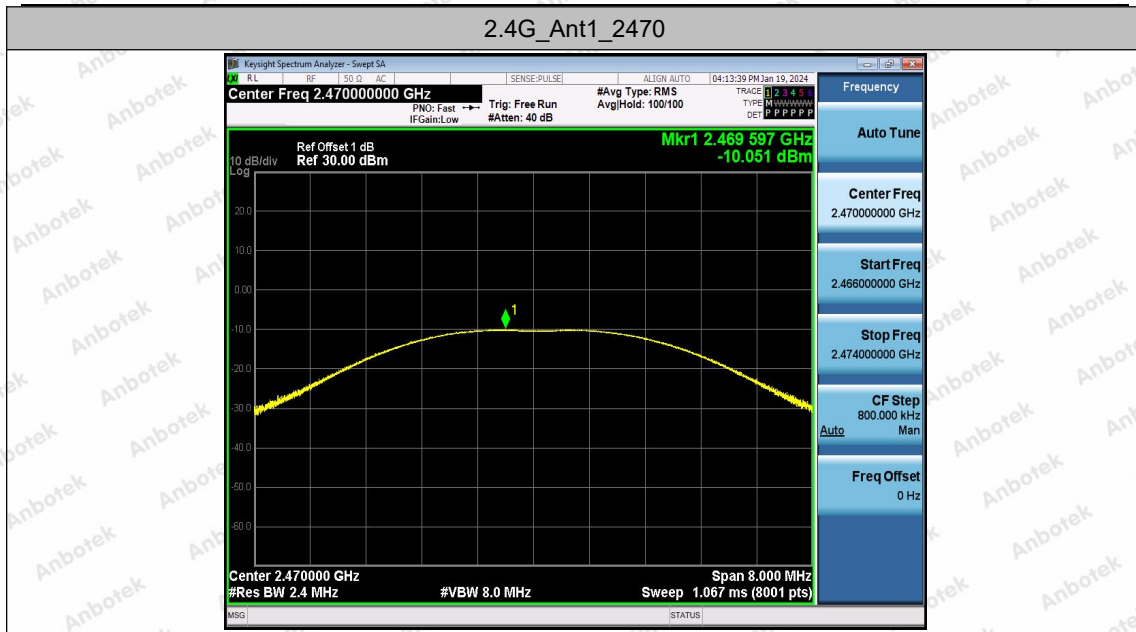


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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2405	-22.24	≤8.00	PASS
		2430	-22.31	≤8.00	PASS
		2470	-24.31	≤8.00	PASS

Test Graphs

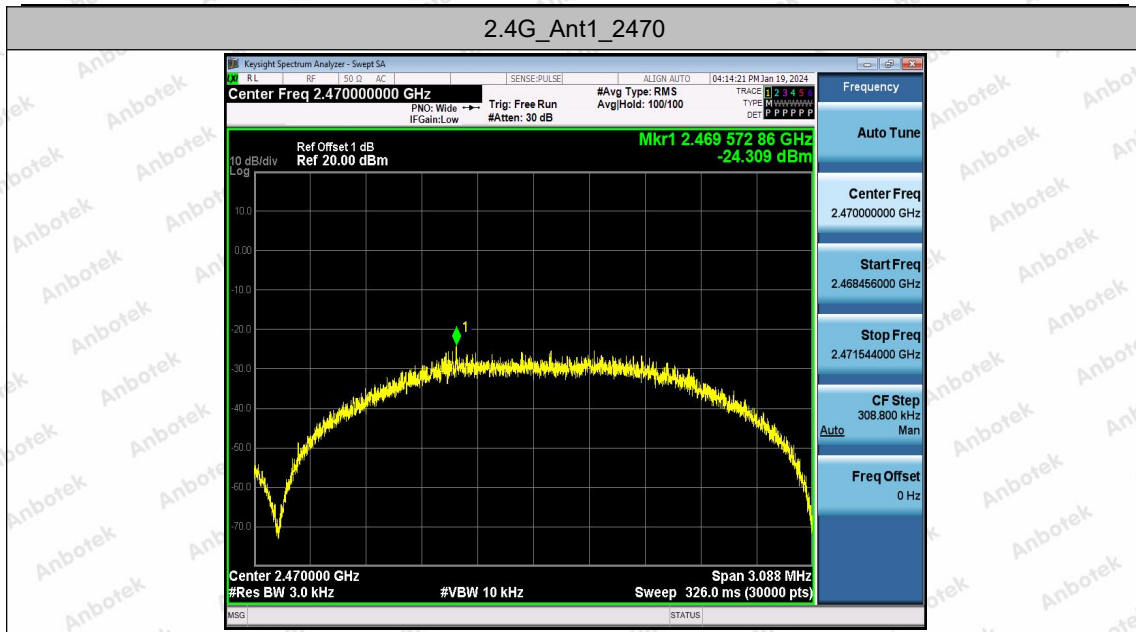


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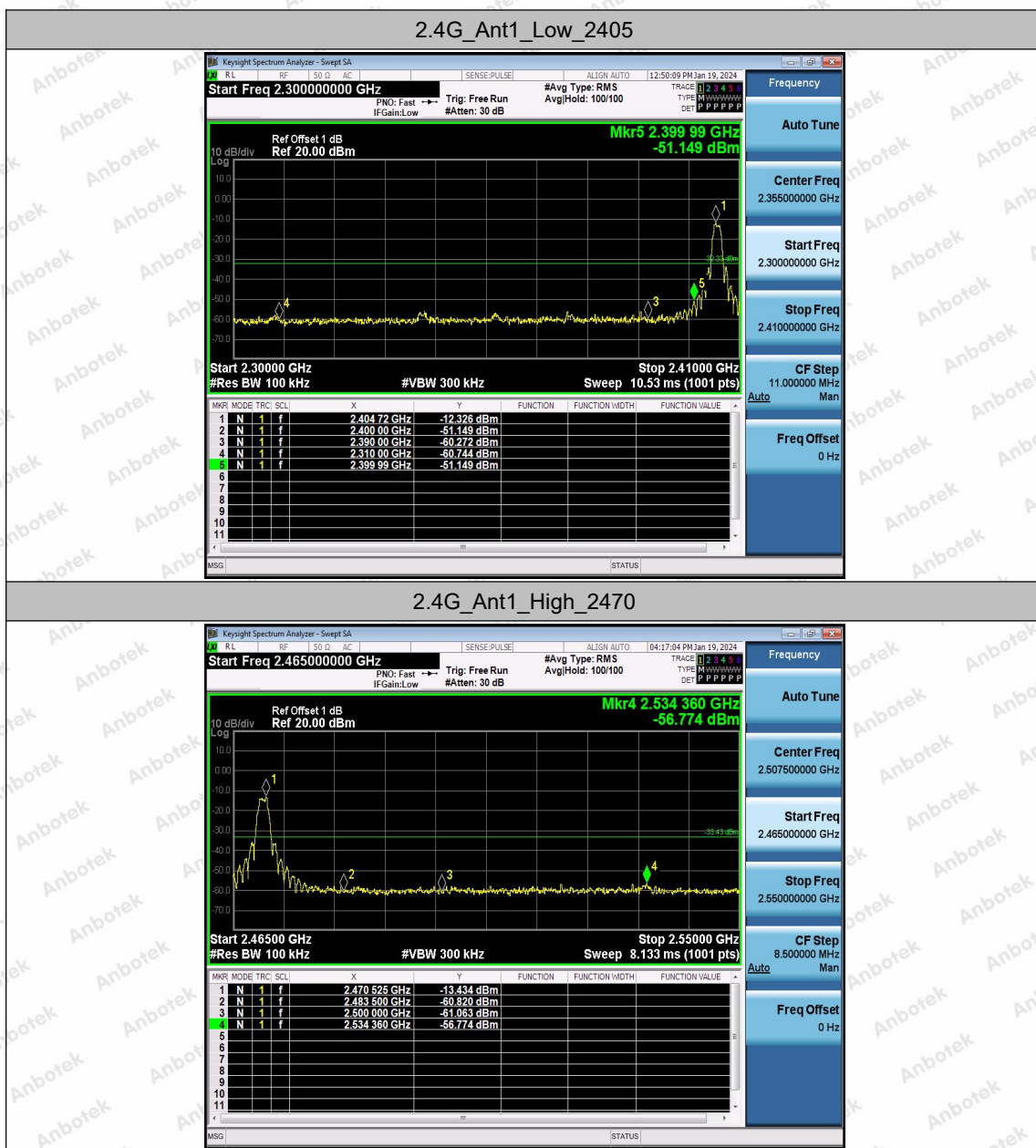


Appendix E: Band edge measurements

Test Result

TestMod	Antenn	ChNam	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic
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2.4G	Ant1	Low	2405	-12.33	-51.15	≤-32.33	PASS
		High	2470	-13.43	-56.77	≤-33.43	PASS

Test Graphs



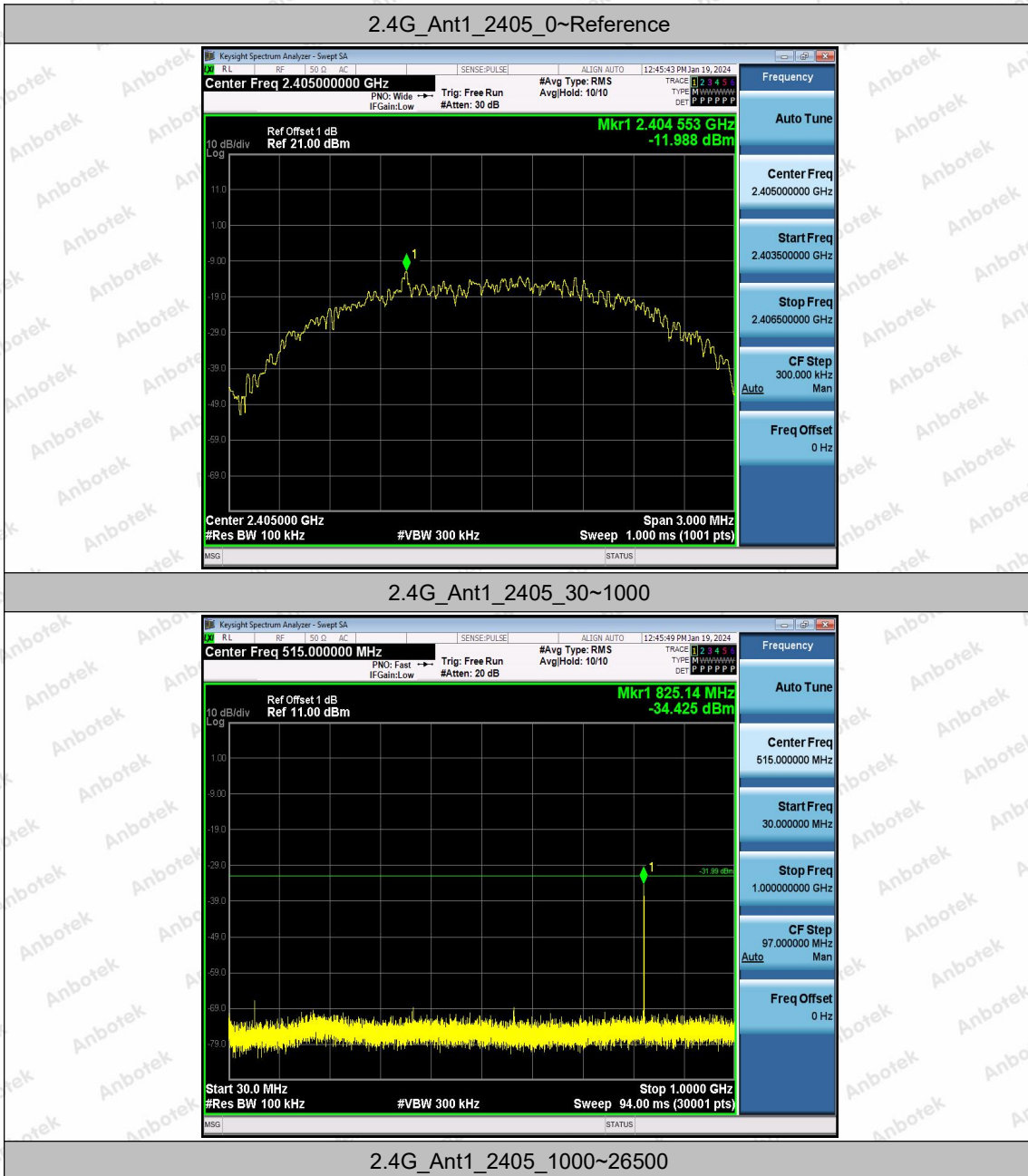
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	Reference	-11.99	-11.99	---	PASS
			30~1000	-11.99	-34.43	≤-31.99	PASS
			1000~26500	-11.99	-48.78	≤-31.99	PASS
		2430	Reference	-13.26	-13.26	---	PASS
			30~1000	-13.26	-67.86	≤-33.26	PASS
			1000~26500	-13.26	-50.03	≤-33.26	PASS
		2470	Reference	-14.19	-14.19	---	PASS
			30~1000	-14.19	-67.3	≤-34.19	PASS
			1000~26500	-14.19	-51.64	≤-34.19	PASS



Test Graphs

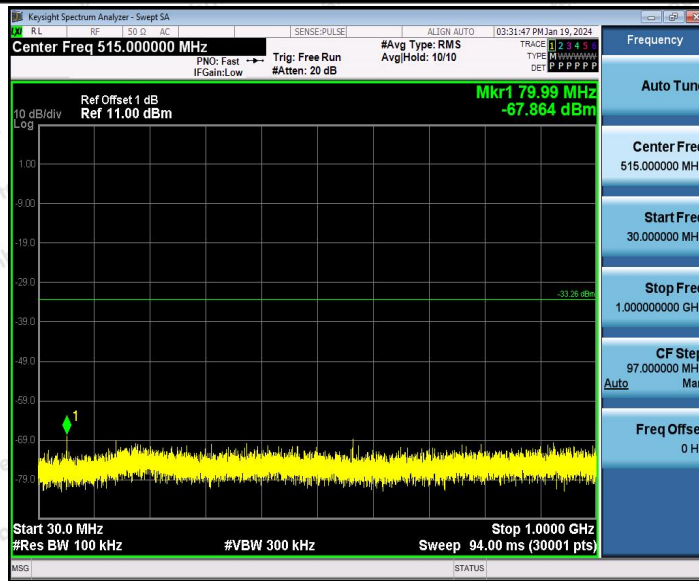


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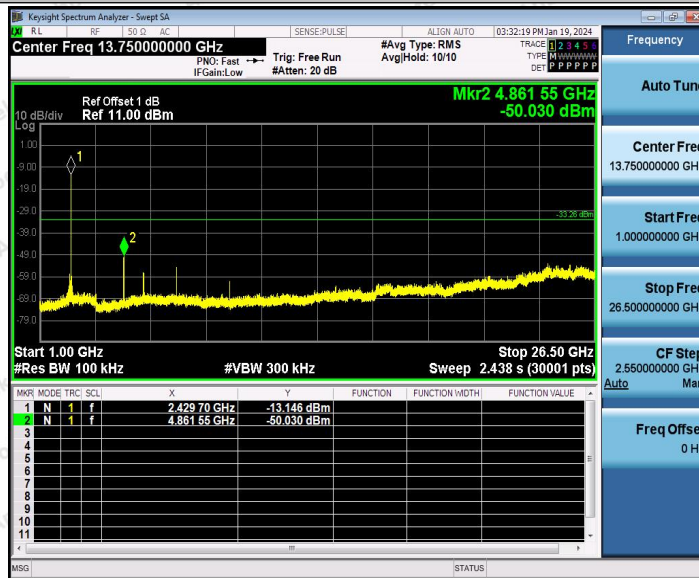
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2.4G_Ant1_2430_1000~26500



2.4G_Ant1_2470_0~Reference

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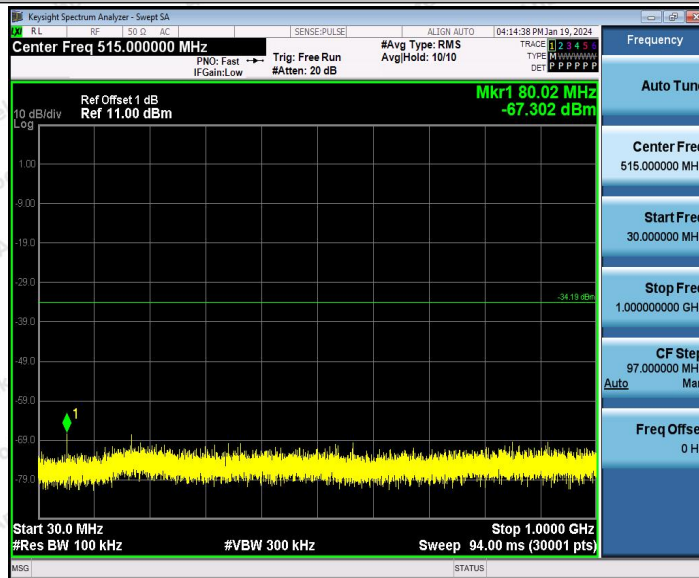
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2.4G_Ant1_2470_30~1000



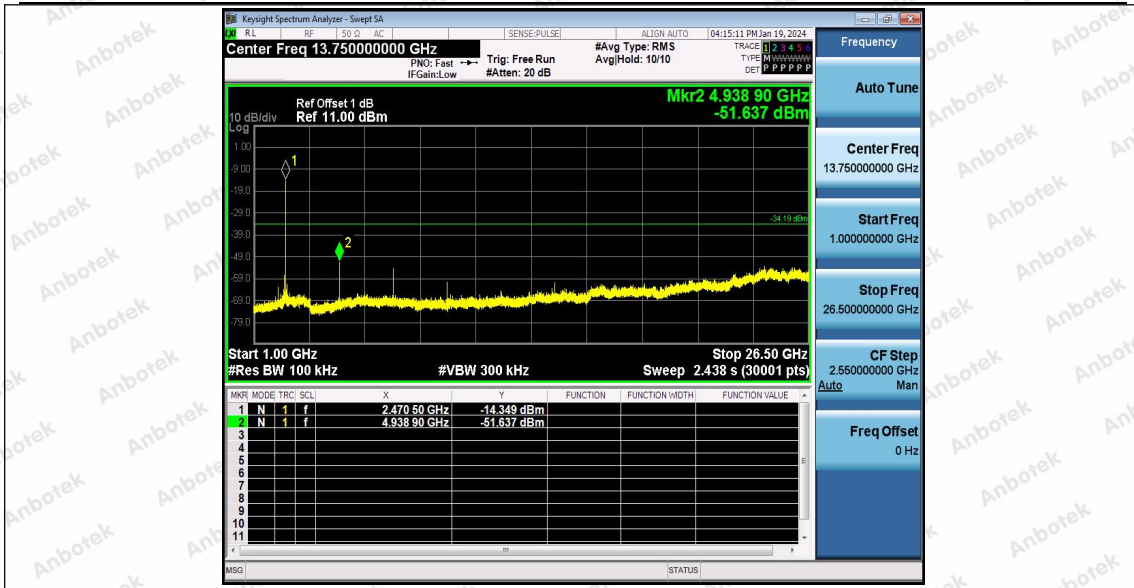
2.4G_Ant1_2470_1000~26500

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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	2405	19.00	19.00	100	0.00
		2430	19.00	19.00	100	0.00
		2470	19.00	19.00	100	0.00

Test Graphs

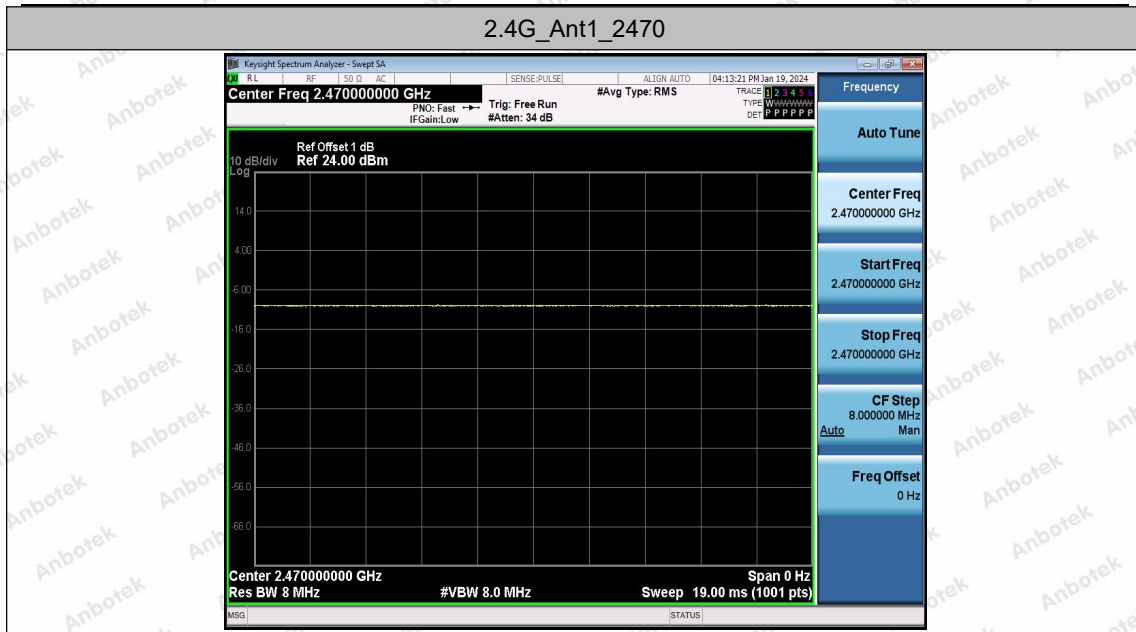


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