

Appendix Test Data

Report No.:	18220WC20087402	Test Sample No.:	1-2-2
Start Test Date:	2022.4.21	Finish Test Date:	2022.4.25
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4	Ant1	2402	0.912	2401.552	2402.464	≥0.5	PASS
		2446	0.864	2445.620	2446.484	≥0.5	PASS
		2479	0.888	2478.592	2479.480	≥0.5	PASS

Test Graphs

2.4_Ant1_2402



2.4_Ant1_2446



2.4_Ant1_2479



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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4	Ant1	2402	1.2065	2401.398	2402.605	---	PASS
		2446	1.1987	2445.404	2446.603	---	PASS
		2479	1.2112	2478.398	2479.610	---	PASS

Test Graphs

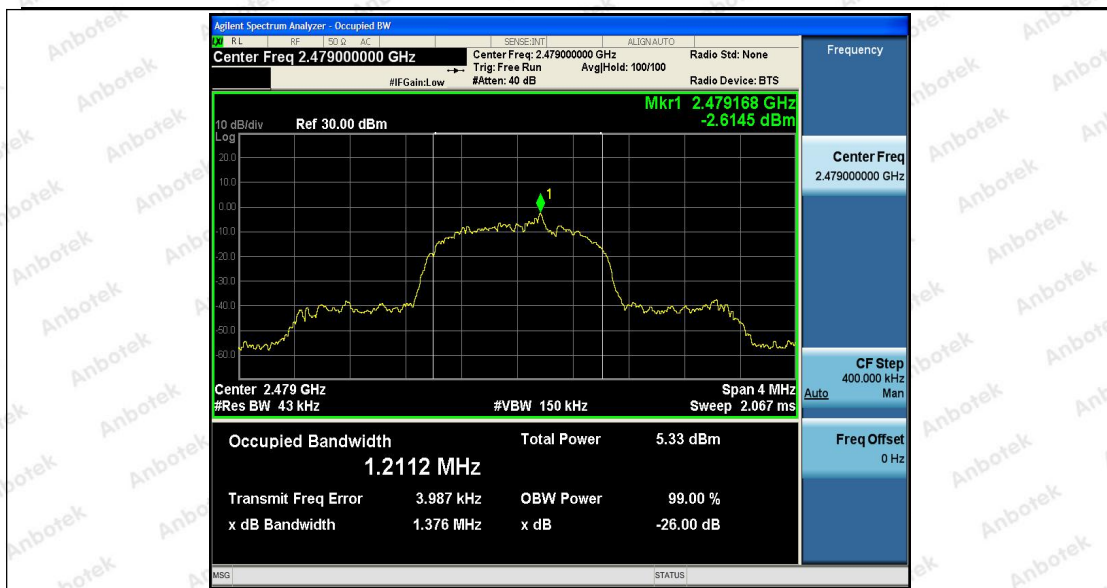


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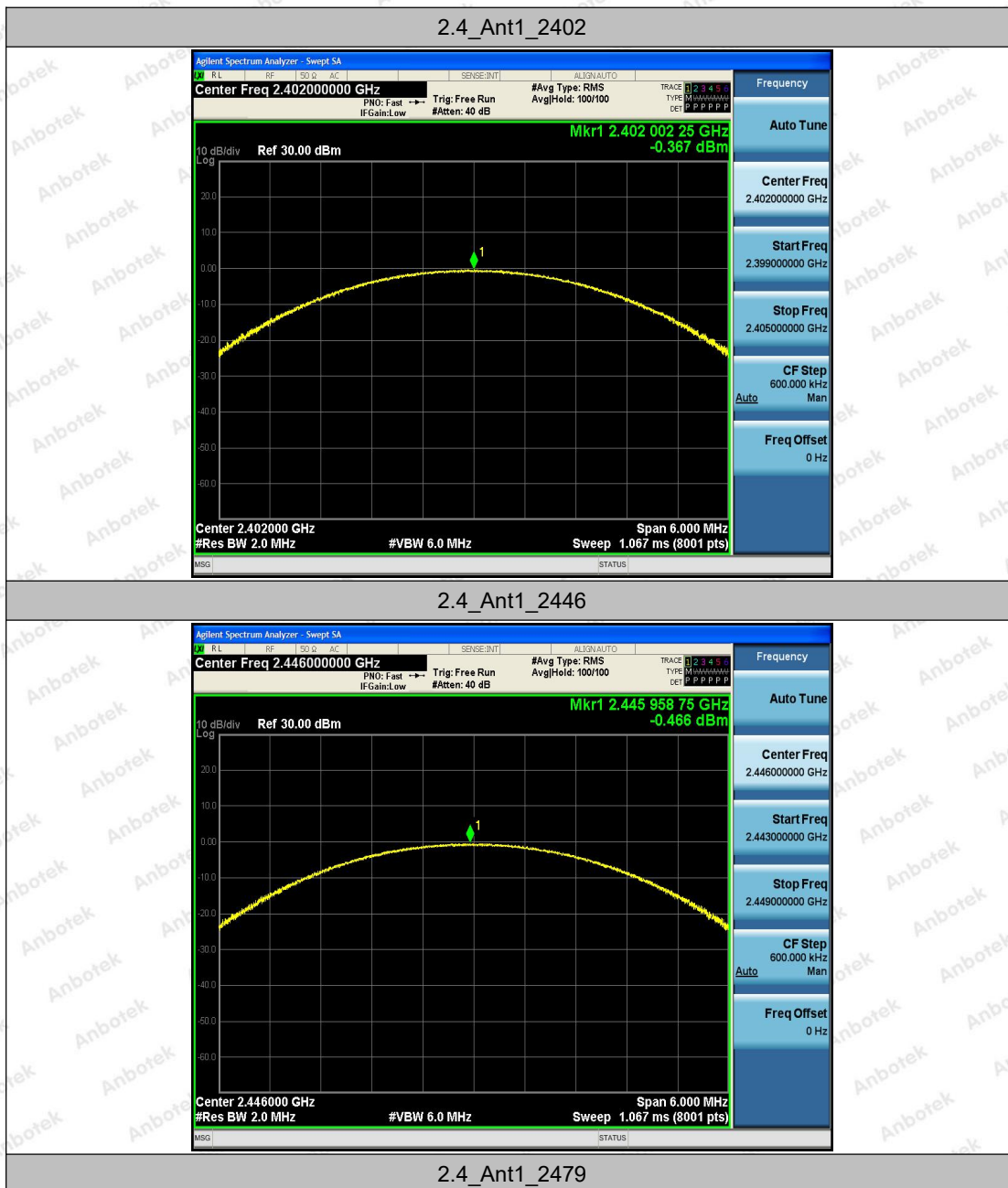
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	2402	-0.37	≤30	PASS
		2446	-0.47	≤30	PASS
		2479	0.03	≤30	PASS

Test Graphs

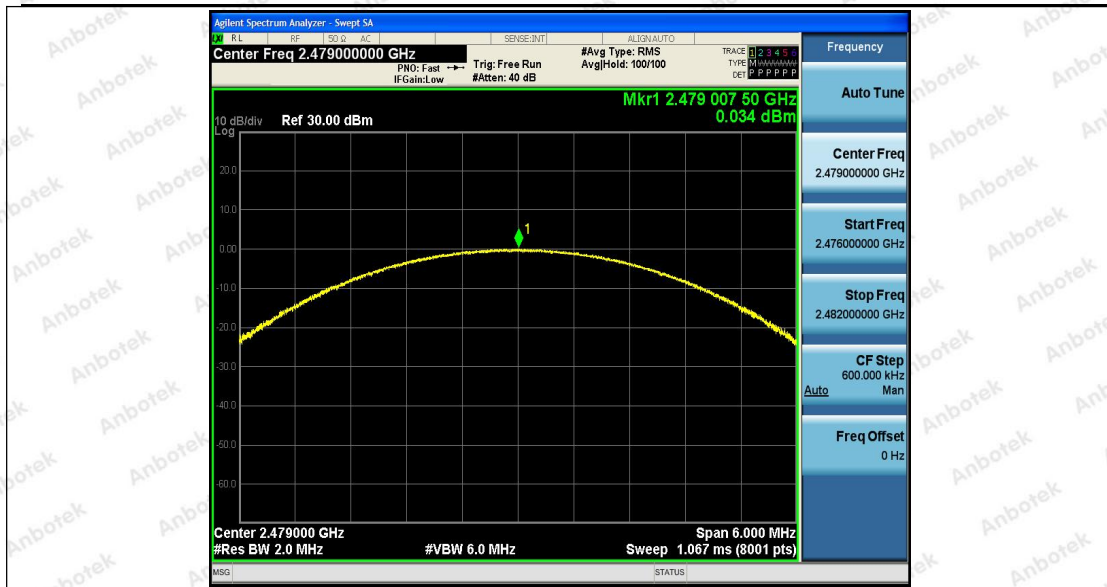


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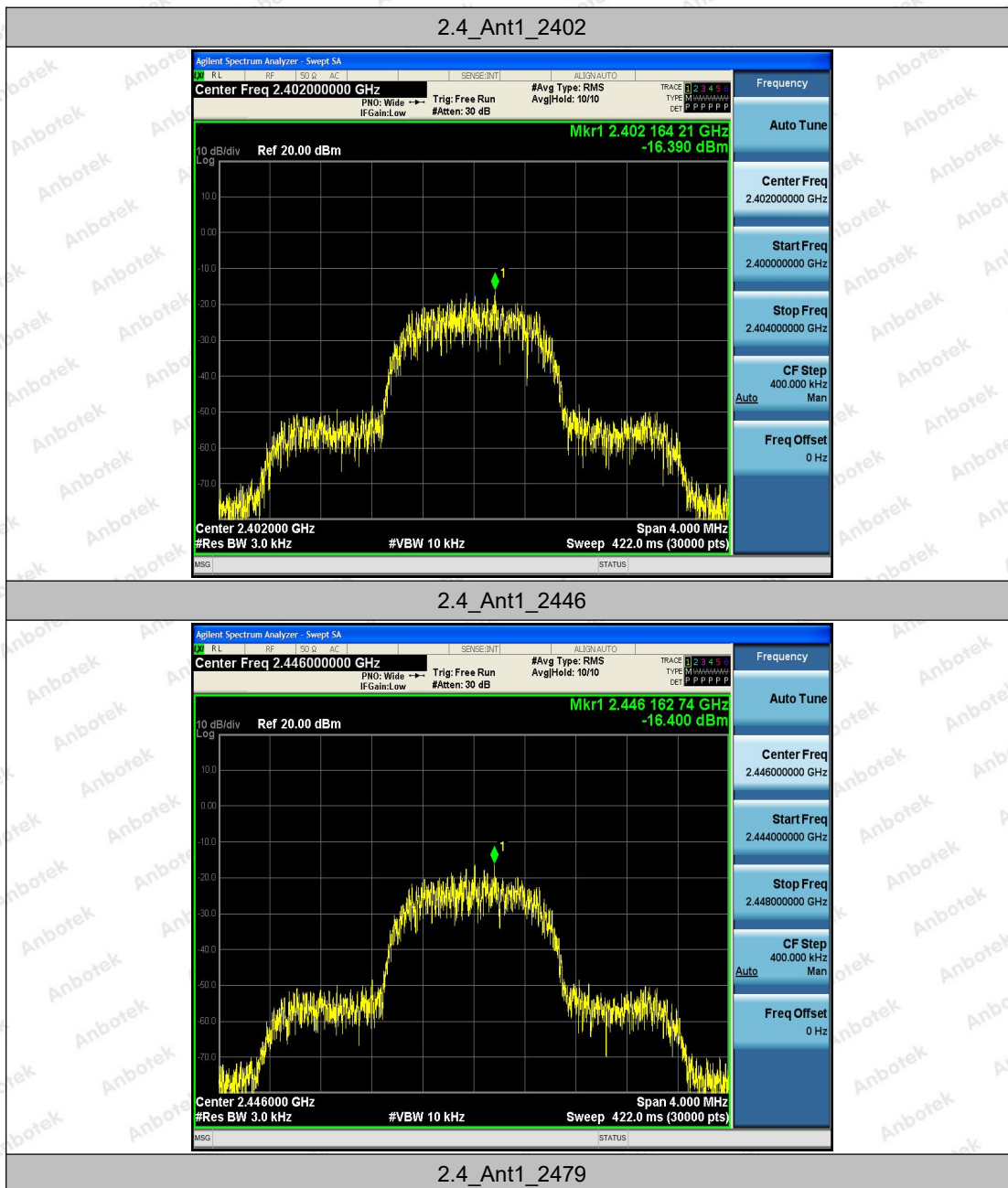
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4	Ant1	2402	-16.39	≤8	PASS
		2446	-16.4	≤8	PASS
		2479	-16.84	≤8	PASS

Test Graphs

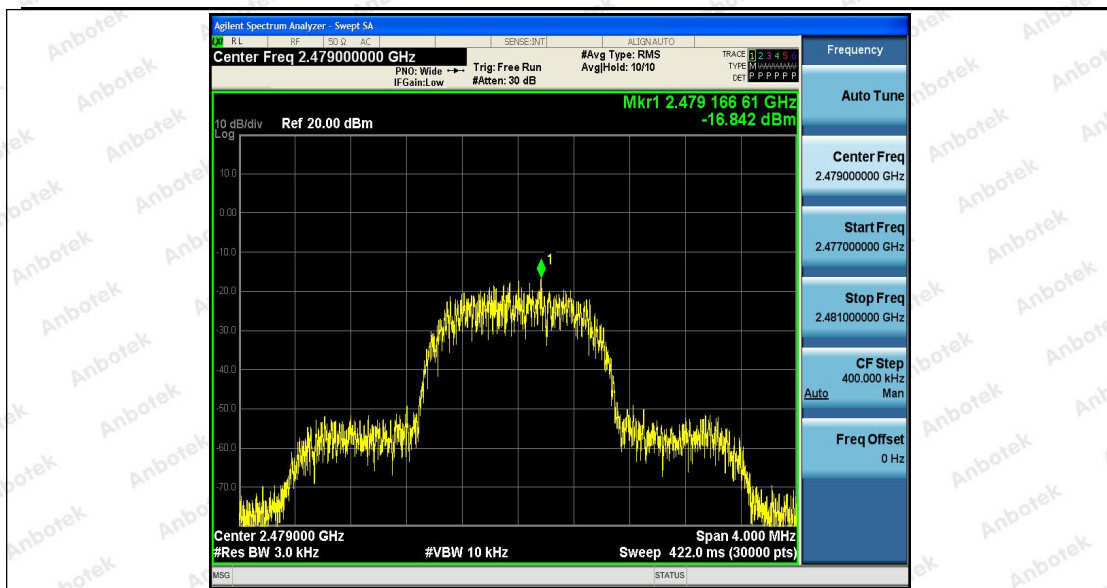


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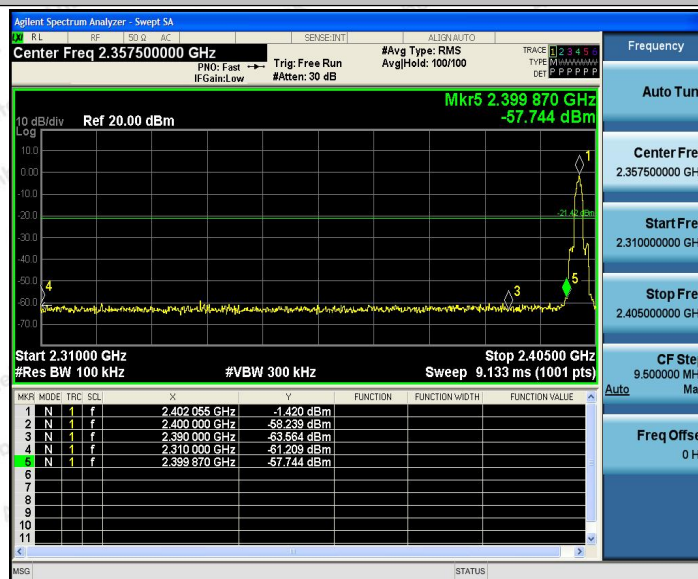
Appendix E: Band edge measurements

Test Result

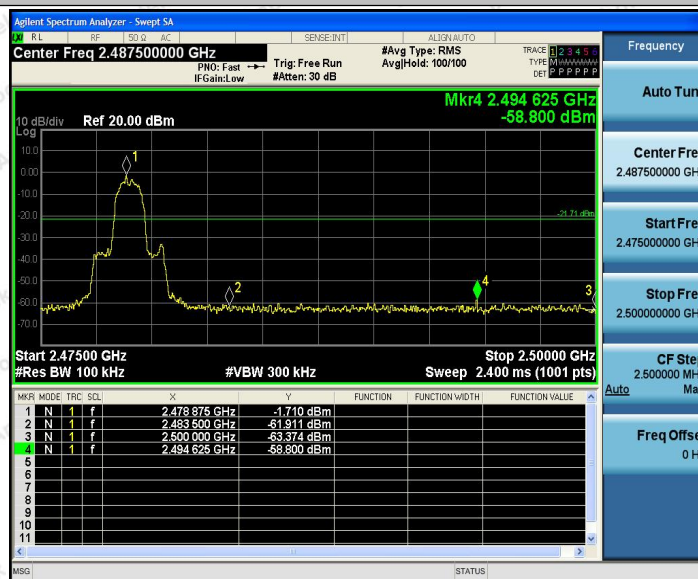
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	Low	2402	-1.42	-57.74	≤ -21.42	PASS
		High	2479	-1.71	-58.8	≤ -21.71	PASS

Test Graphs

2.4_Ant1_Low_2402



2.4_Ant1_High_2479



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Appendix F: Conducted Spurious Emission

Test Result

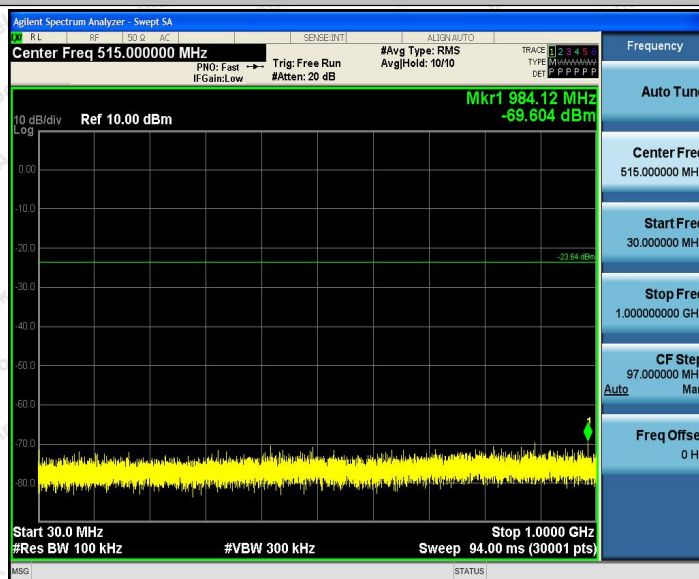
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	2402	Reference	-3.64	-3.64	---	PASS
			30~1000	-3.64	-69.6	≤ -23.64	PASS
			1000~265 00	-3.64	-54.83	≤ -23.64	PASS
		2446	Reference	-2.45	-2.45	---	PASS
			30~1000	-2.45	-70.17	≤ -22.45	PASS
			1000~265 00	-2.45	-55.5	≤ -22.45	PASS
		2479	Reference	-1.13	-1.13	---	PASS
			30~1000	-1.13	-70.49	≤ -21.13	PASS
			1000~265 00	-1.13	-54.9	≤ -21.13	PASS

Test Graphs

2.4_Ant1_2402_0~Reference



2.4_Ant1_2402_30~1000



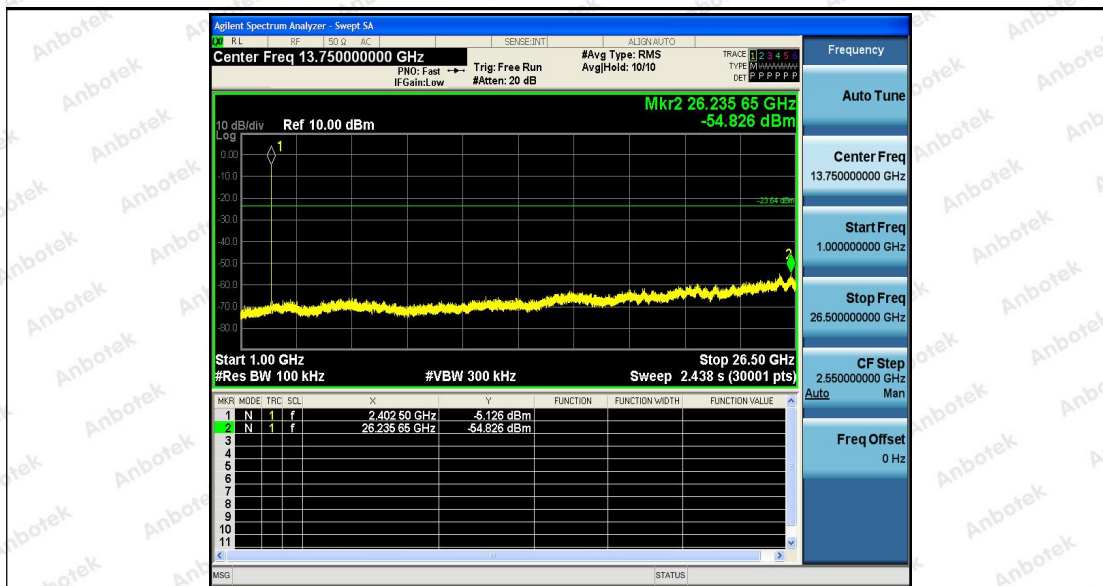
2.4_Ant1_2402_1000~26500

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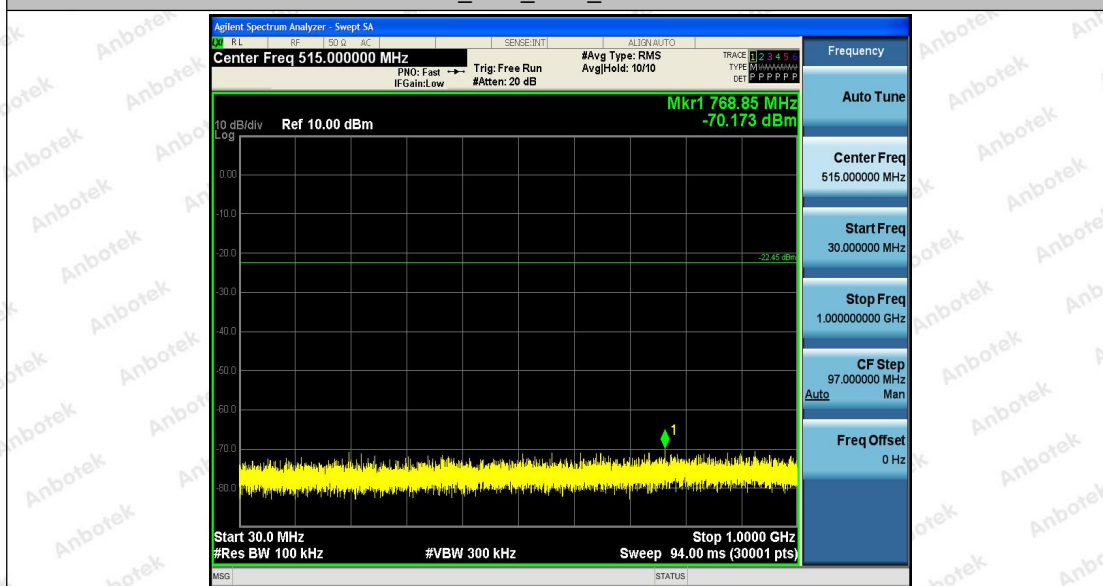
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2.4_Ant1_2446_0~Reference



2.4_Ant1_2446_30~1000



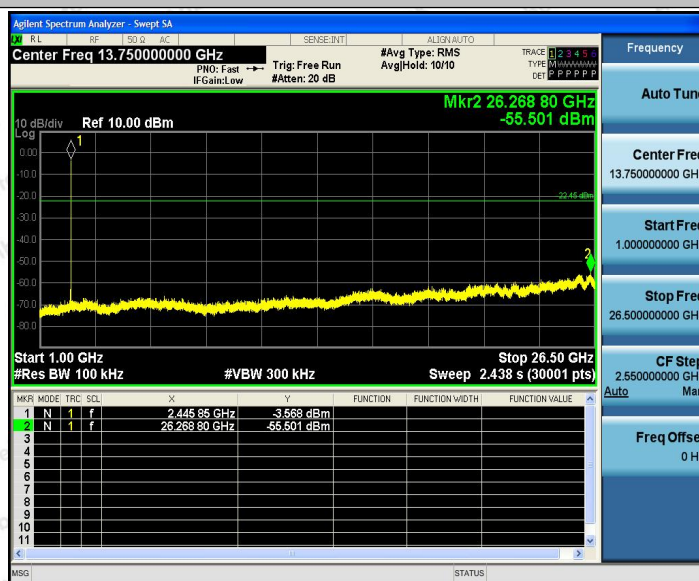
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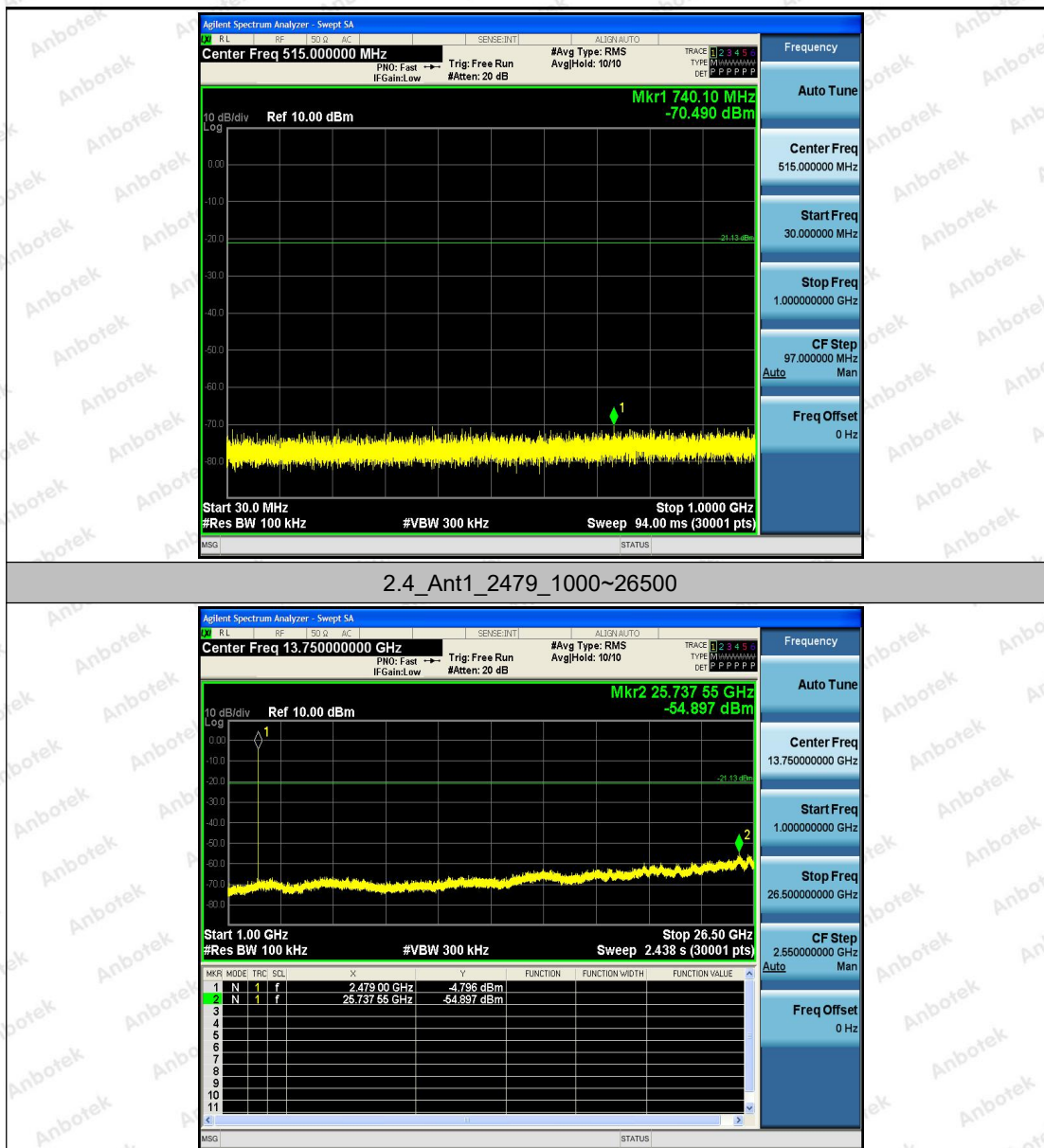
2.4_Ant1_2446_1000~26500



2.4_Ant1_2479_0~Reference



2.4_Ant1_2479_30~1000



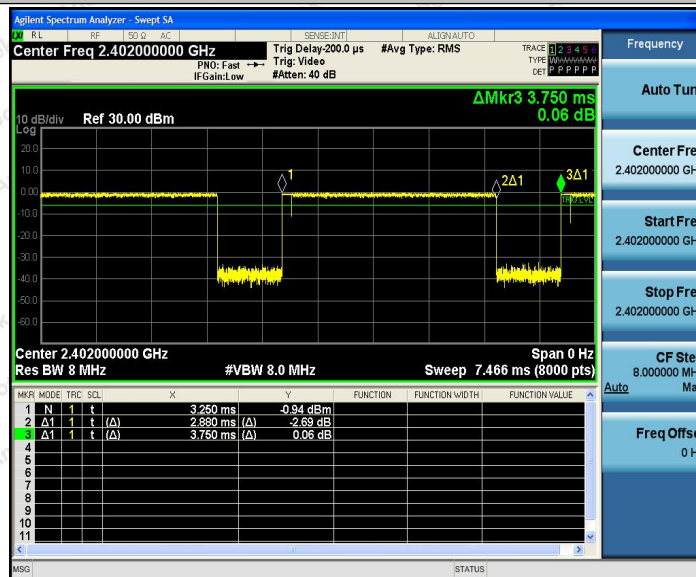
Appendix G: Duty Cycle

Test Result

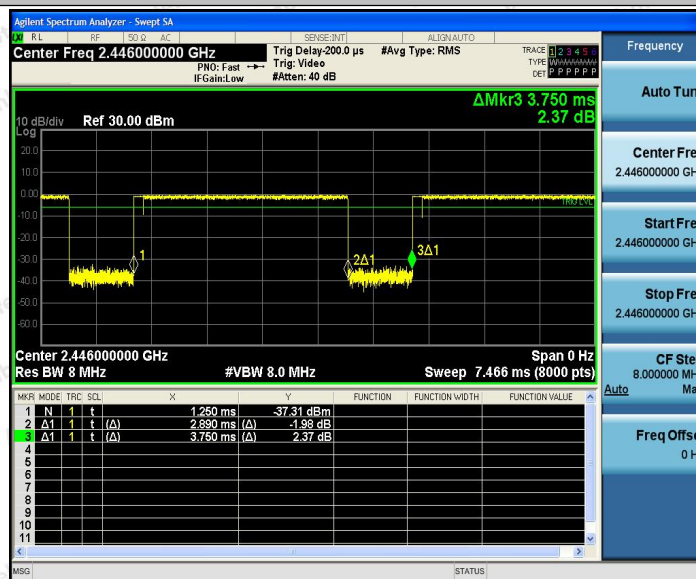
TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
2.4	Ant1	2402	2.88	3.75	0.768 0	76.80	1.15	---	PASS
		2446	2.89	3.75	0.770 7	77.07	1.13	---	PASS
		2479	2.89	3.75	0.770 7	77.07	1.13	---	PASS

Test Graphs

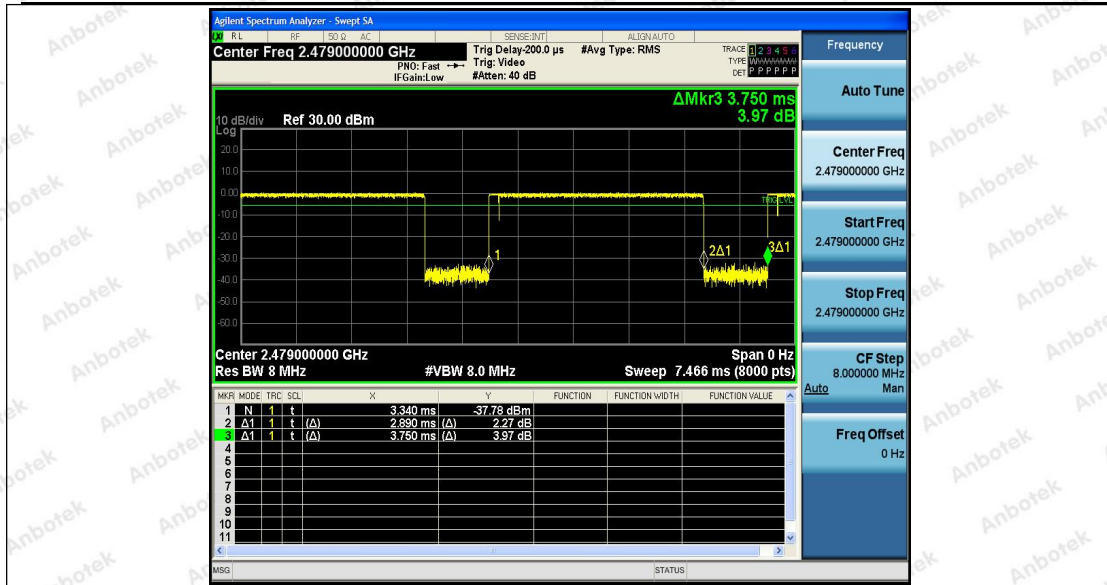
2.4_Ant1_2402



2.4_Ant1_2446



2.4_Ant1_2479



---End---