

Appendix Test Data

Report No.:	18220WC20064601	Test Sample No.:	1-2-2
Start Test Date:	2022.3.30	Finish Test Date:	2022.4.8
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	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	0.708	2401.644	2402.352	≥0.5	PASS
		2440	0.712	2439.636	2440.348	≥0.5	PASS
		2480	0.688	2479.648	2480.336	≥0.5	PASS

Test Graphs

2.4_Ant1_2402



2.4_Ant1_2440



2.4_Ant1_2480

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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	1.0347	2401.492	2402.527	---	PASS
		2440	1.0276	2439.497	2440.525	---	PASS
		2480	1.0271	2479.494	2480.522	---	PASS

Test Graphs



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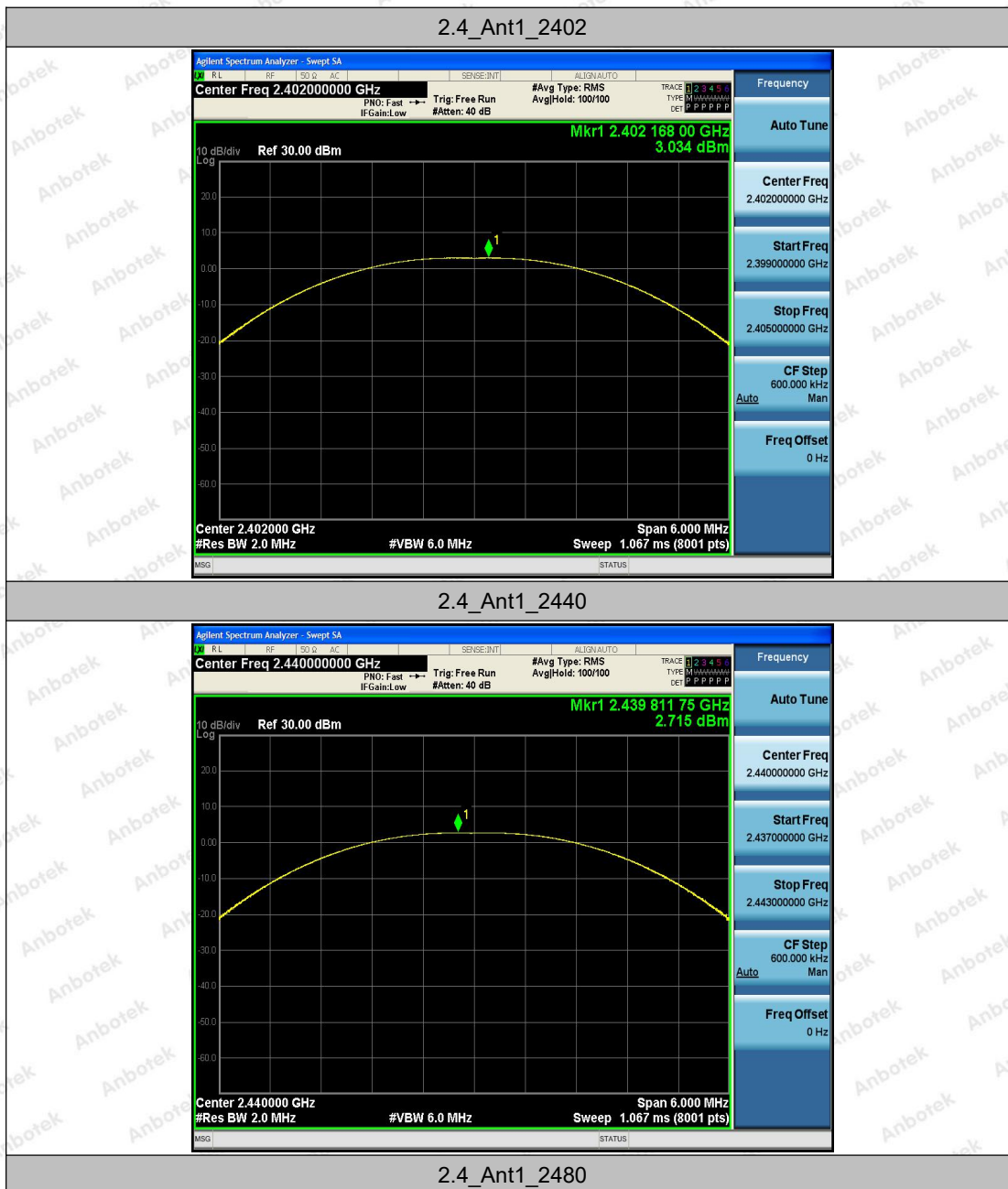
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	2402	3.03	≤30	PASS
		2440	2.72	≤30	PASS
		2480	3.39	≤30	PASS

Test Graphs

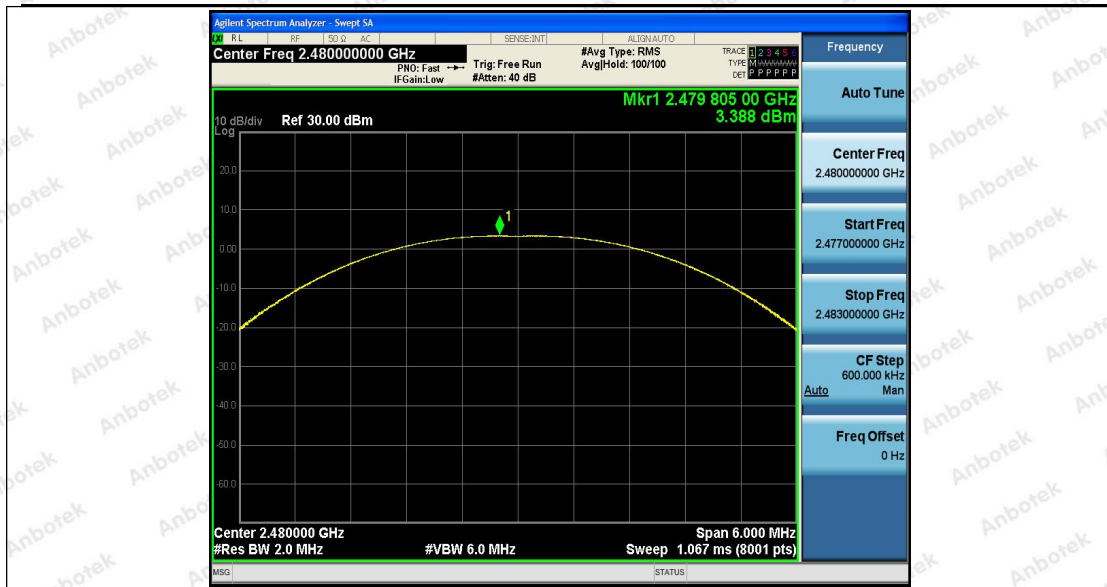


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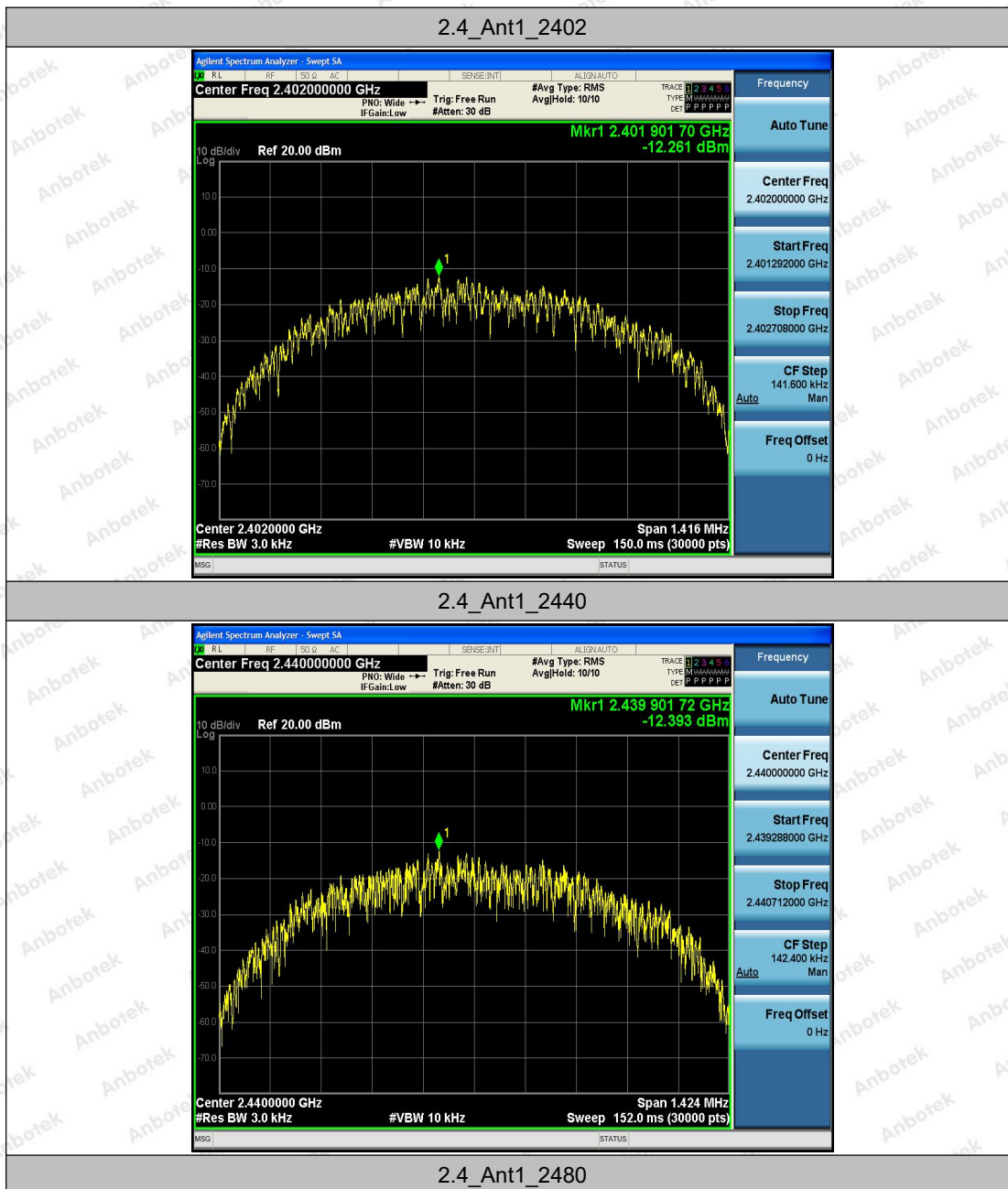
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4	Ant1	2402	-12.26	≤8	PASS
		2440	-12.39	≤8	PASS
		2480	-11.87	≤8	PASS

Test Graphs

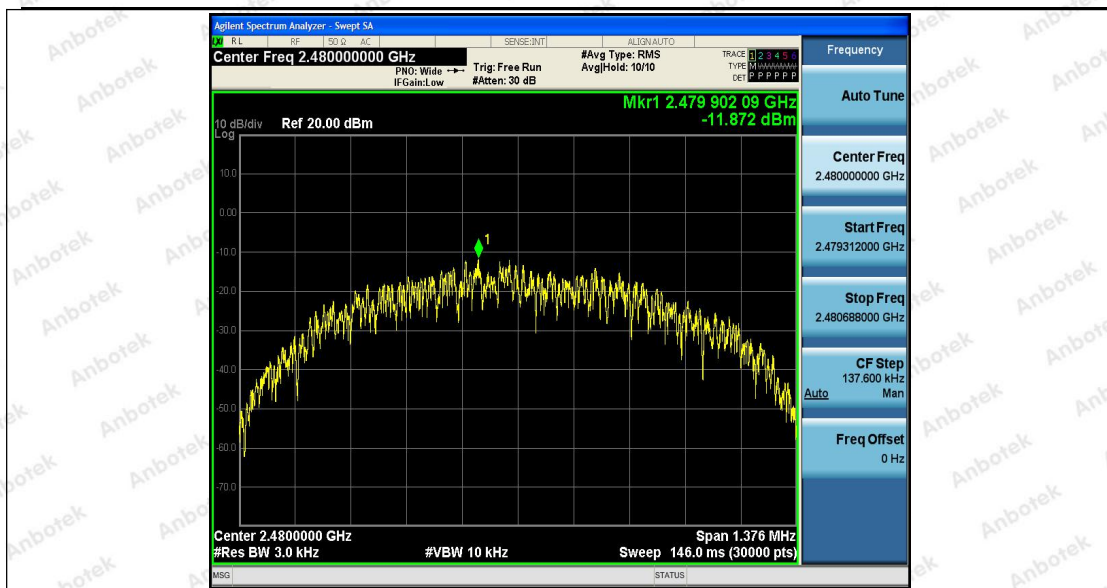


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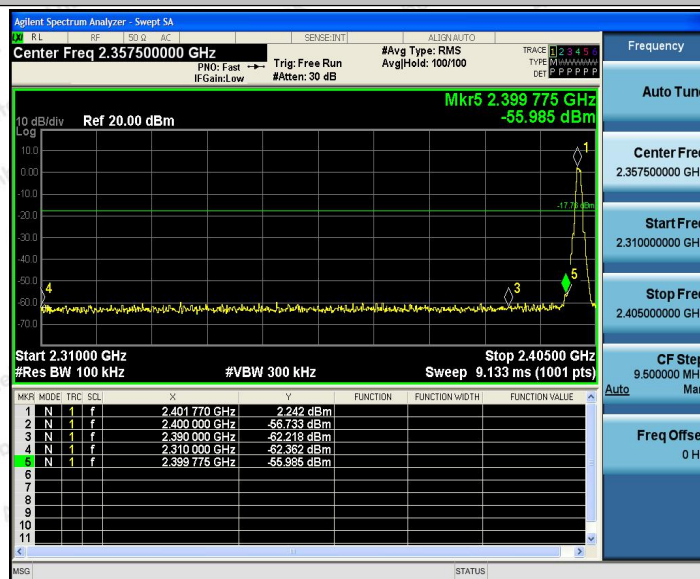
Appendix E: Band edge measurements

Test Result

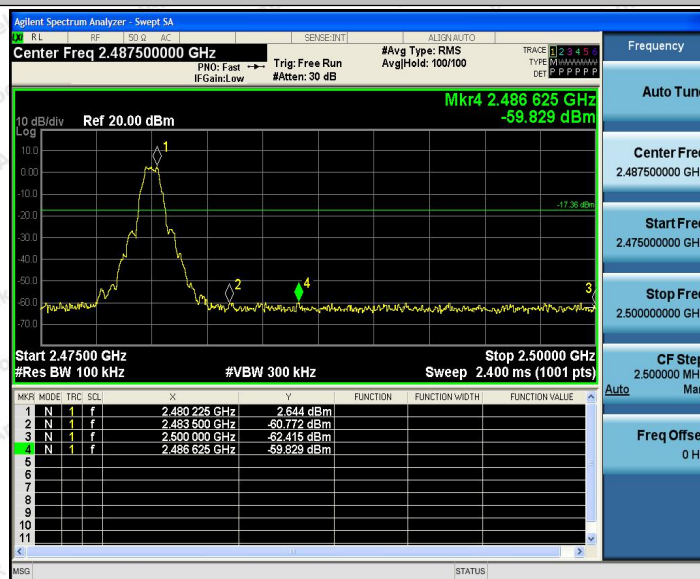
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	Low	2402	2.24	-55.99	≤ -17.76	PASS
		High	2480	2.64	-59.83	≤ -17.36	PASS

Test Graphs

2.4_Ant1_Low_2402



2.4_Ant1_High_2480



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Appendix F: Conducted Spurious Emission

Test Result

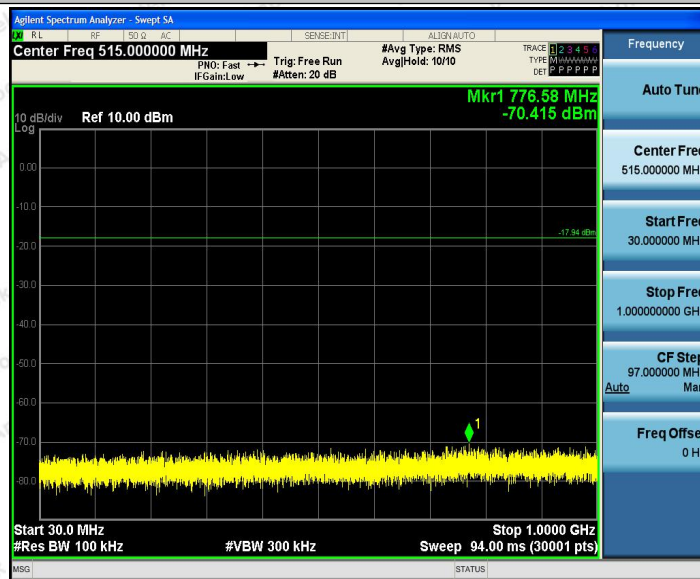
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
2.4	Ant1	2402	Reference	2.06	2.06	---	PASS
			30~1000	2.06	-70.42	≤-17.94	PASS
			1000~265 00	2.06	-55.37	≤-17.94	PASS
		2440	Reference	1.74	1.74	---	PASS
			30~1000	1.74	-70.59	≤-18.27	PASS
			1000~265 00	1.74	-55.18	≤-18.27	PASS
		2480	Reference	2.52	2.52	---	PASS
			30~1000	2.52	-70.08	≤-17.48	PASS
			1000~265 00	2.52	-55.28	≤-17.48	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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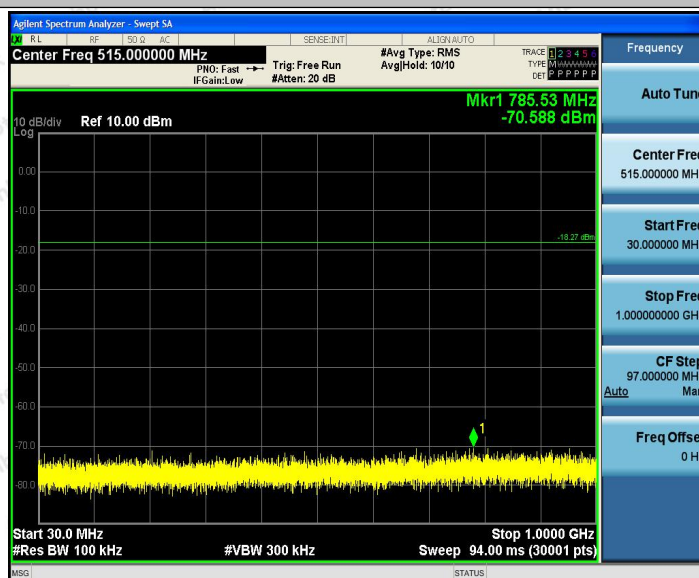
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2.4_Ant1_2440_0~Reference



2.4_Ant1_2440_30~1000



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2.4_Ant1_2440_1000~26500



2.4_Ant1_2480_0~Reference



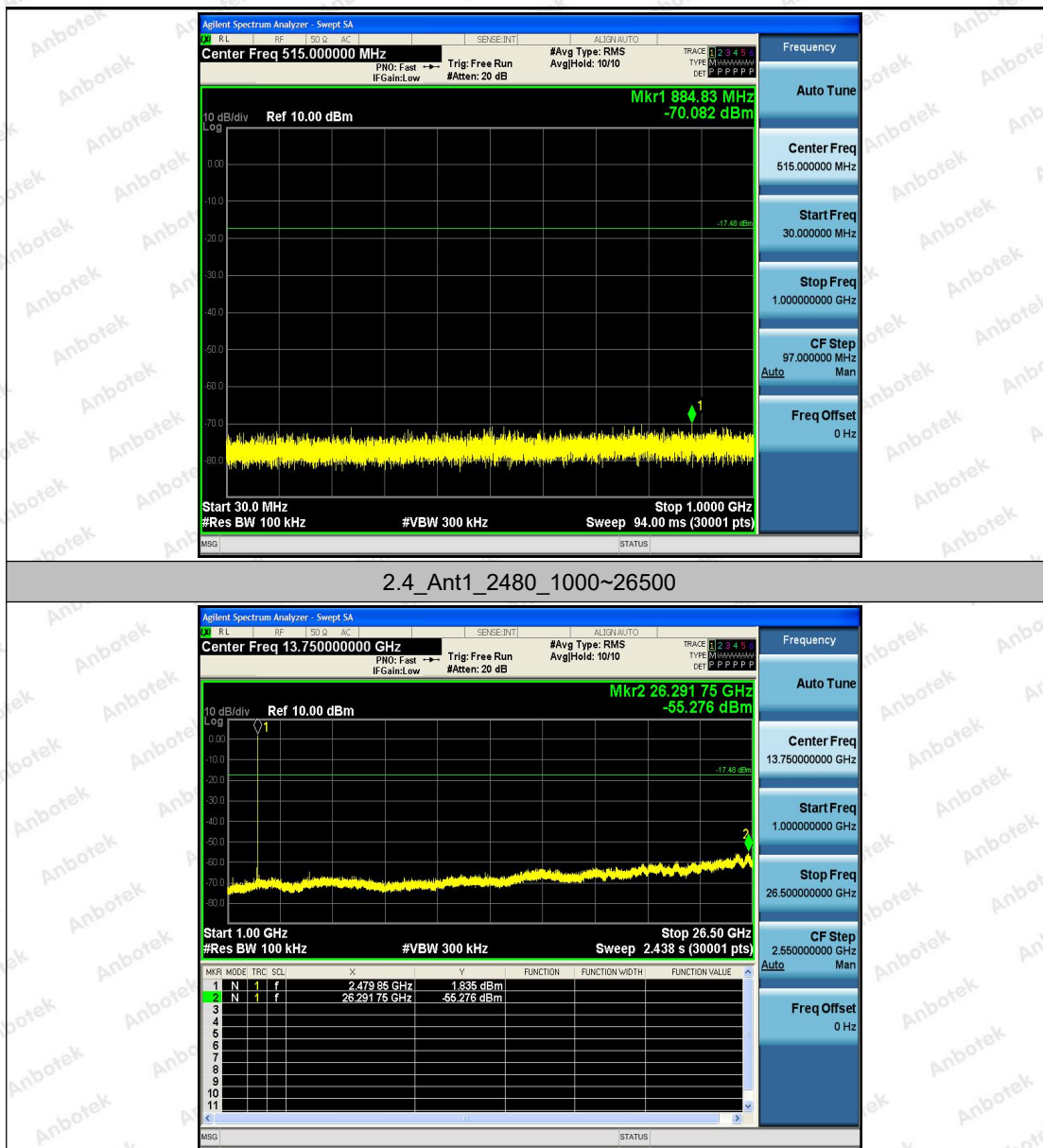
2.4_Ant1_2480_30~1000

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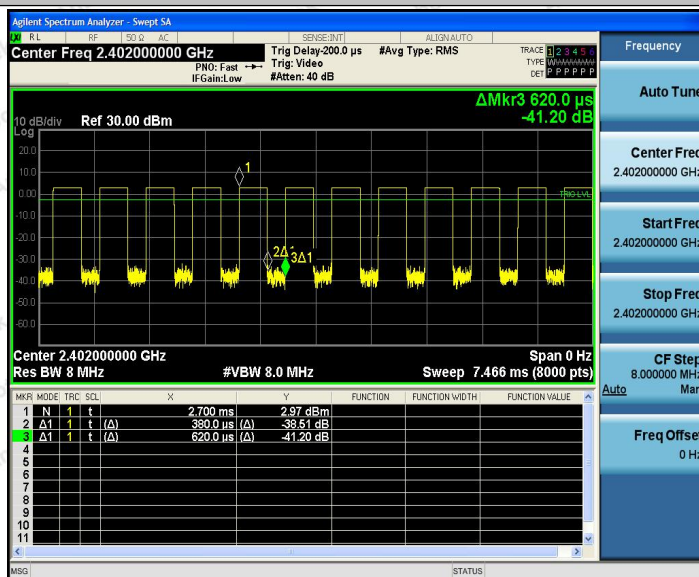
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
2.4	Ant1	2402	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2440	0.38	0.62	0.612 9	61.29	2.13	---	PASS
		2480	0.38	0.63	0.603 2	60.32	2.20	---	PASS

Test Graphs

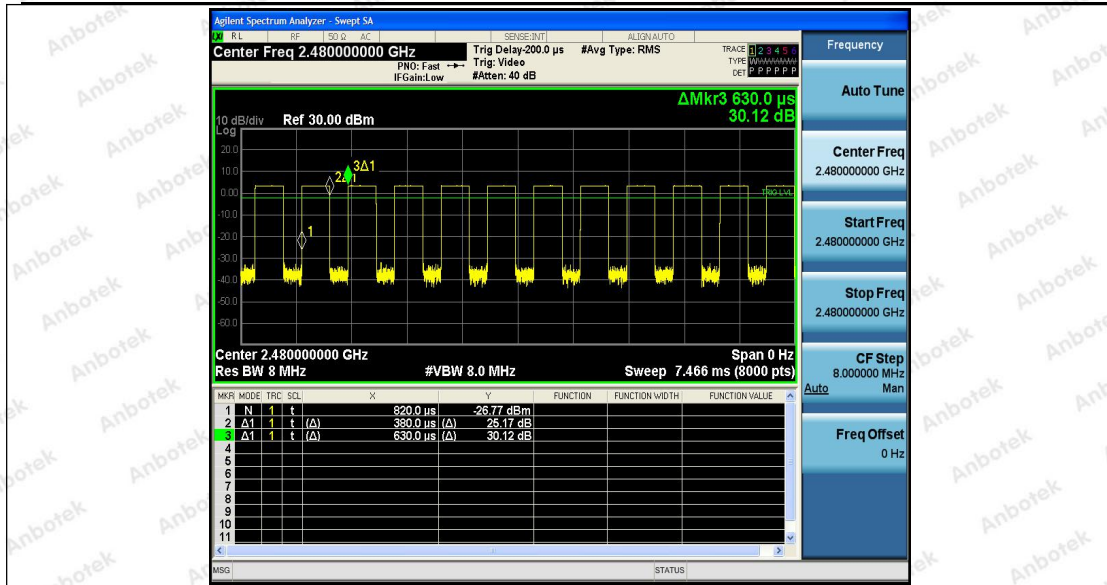
2.4_Ant1_2402



2.4_Ant1_2440



2.4_Ant1_2480



---End---