

Appendix Test Data

Report No:	18220WC30031901	Test Sample NO:	1-2-2
Start Test Date:	2023.03.03	Finish Test Date:	2023.06.07
Test Engineer:	RICK Luo	Auditor:	Edward Pan
Temperature:	25.6°C	Relative Humidity:	48%
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
5.8G	Ant1	5733	11.920	5727.720	5739.640
		5800	10.960	5794.760	5805.720
		5845	11.880	5839.640	5851.520

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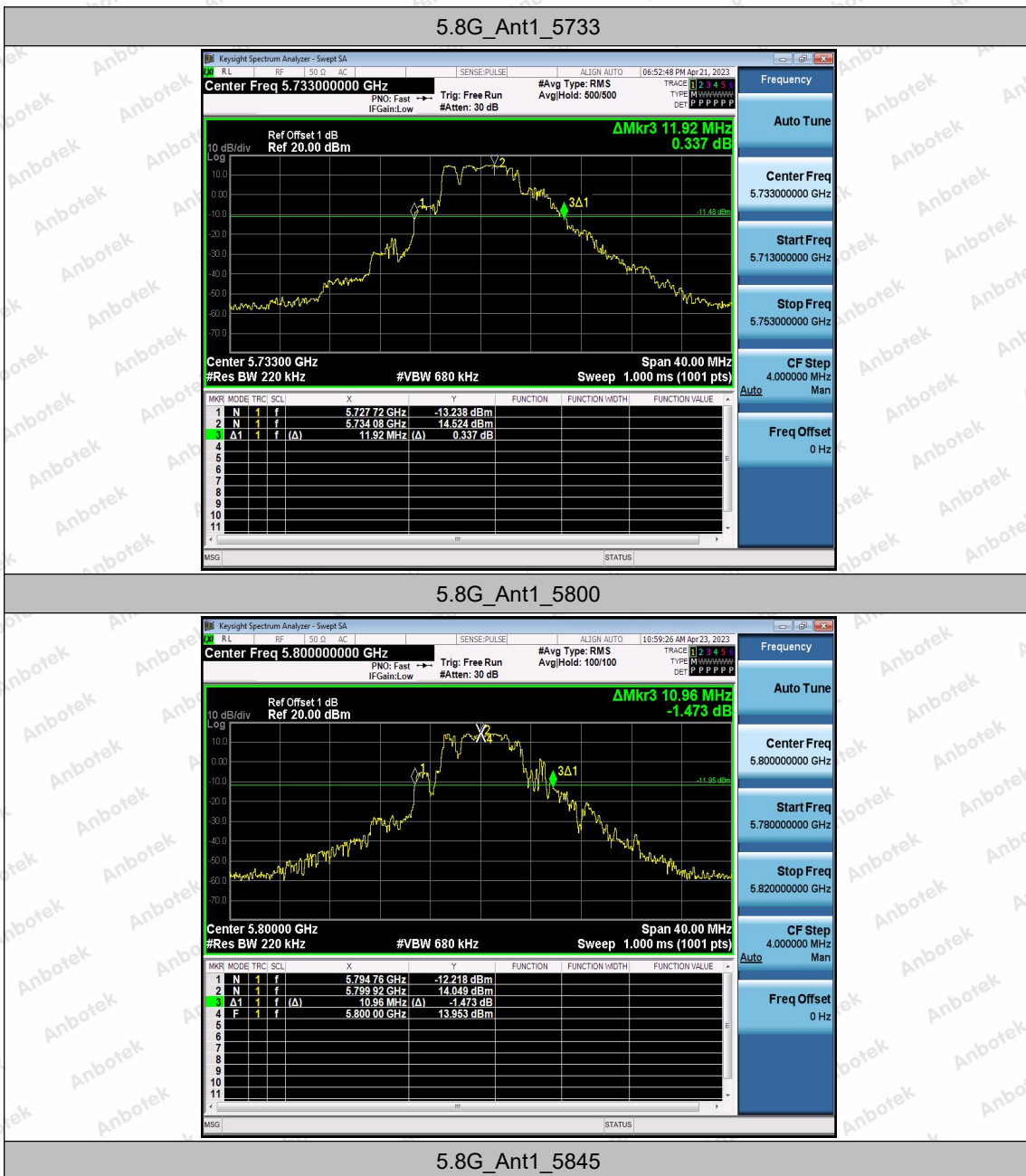
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Test Graphs



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Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
5.8G	Ant1	5733	8.7832	5729.5651	5738.3483
		5800	8.8767	5796.2037	5805.0804
		5845	8.7990	5841.4484	5850.2474

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Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
5.8G	Ant1	5733	5.720	5730.080	5735.800	0.5	PASS
		5800	5.120	5797.040	5802.160	0.5	PASS
		5845	5.600	5841.960	5847.560	0.5	PASS

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Test Graphs B4





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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
5.8G	Ant1	5733	30.00	30.00	100.00
		5800	30.00	30.00	100.00
		5845	30.00	30.00	100.00

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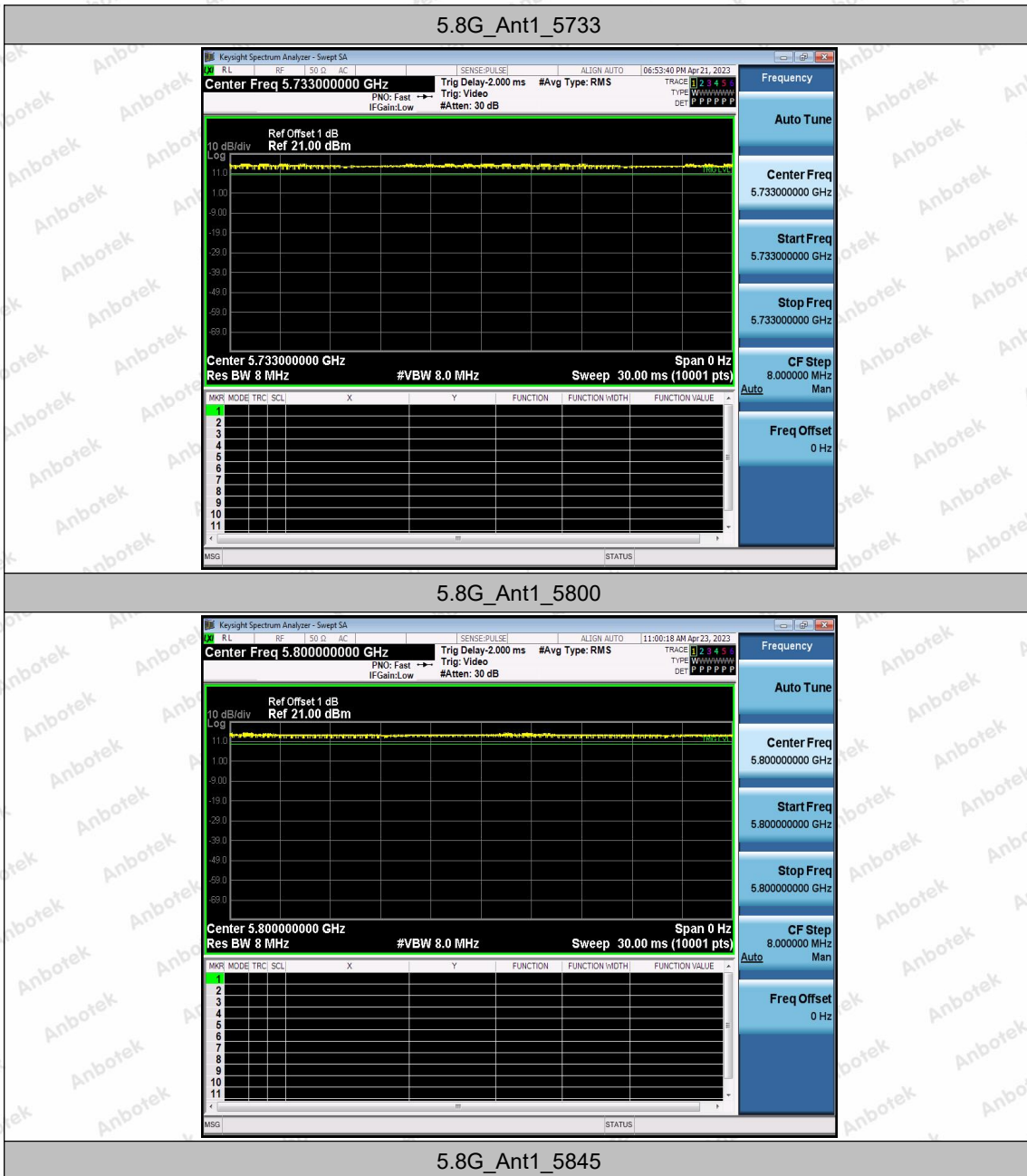
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Test Graphs



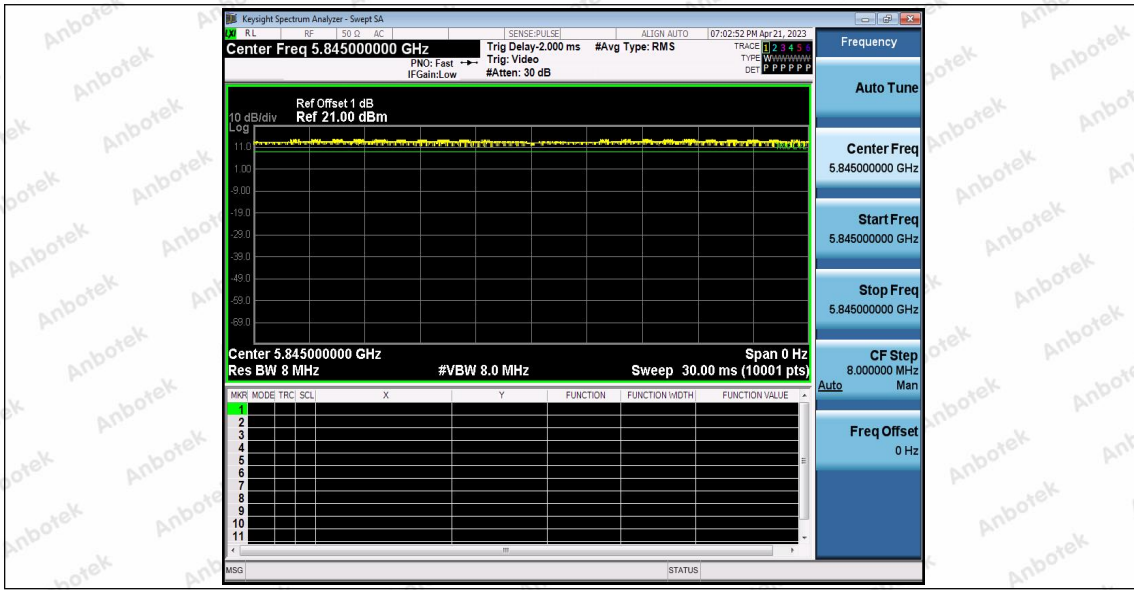
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Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]
5.8G	Ant1	5733	---	25.75	100.00	0.00	25.75	≤30.00
	Ant1	5800	---	26.96	100.00	0.00	26.96	≤30.00
	Ant1	5845	---	27.56	100.00	0.00	27.56	≤30.00

Note: The Duty Cycle Factor is compensated in the graph.



Test Graphs

5.8G_Ant1_5733



5.8G_Ant1_5800



5.8G_Ant1_5845

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Appendix D: Maximum power spectral density

Test Result B4

Test Mode	Antenna	Frequency[MHz]	Result [dBm/3KHz]	Limit[dBm/3KHz]	Verdict
5.8G	Ant1	5733	4.10	≤8.00	PASS
		5800	3.68	≤8.00	PASS
		5845	4.62	≤8.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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Test Graphs B4



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Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
5.8G	Ant1	Low	5733	15.61	-46.77	≤-4.39	PASS
		High	5845	14.50	-46.07	≤-5.50	PASS

Test Graphs B4



---End---

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