

Appendix Test Data

Report No:	18220WC30201903	Test Sample NO:	1-2-2
Start Test Date:	2023.10.27	Finish Test Date:	2023.10.27
Test Engineer:	Hayman Chen	Auditor:	Rick Luo
Temperature:	25.3°C	Relative Humidity:	49.2%
Pressure:	101kPa		

Appendix A1: Emission Bandwidth

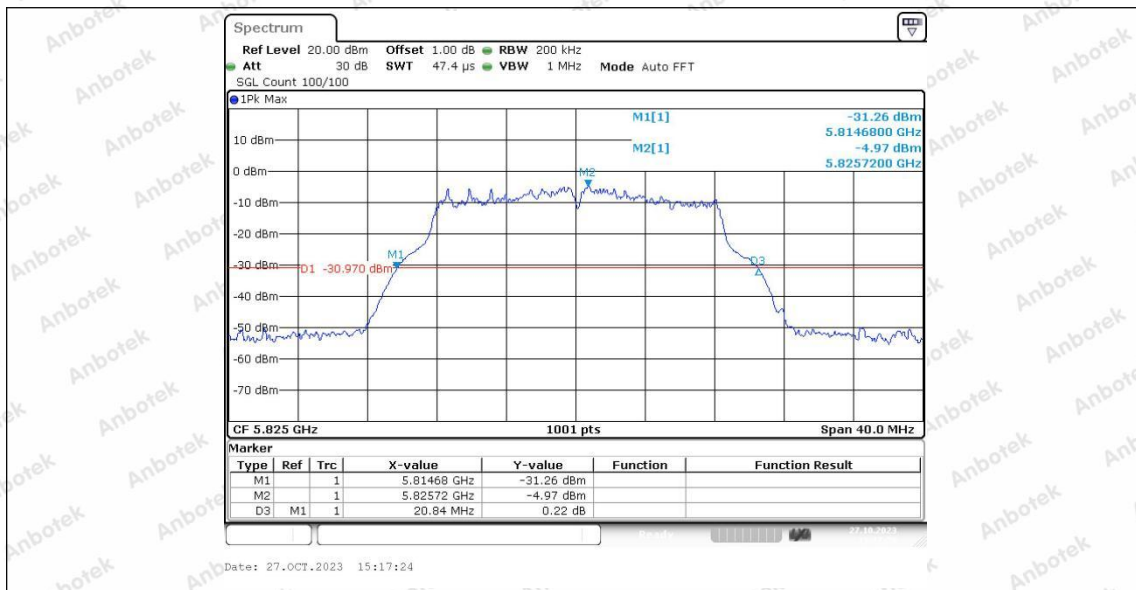
Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	20.80	5734.60	5755.40	---	---
		5785	20.24	5774.88	5795.12	---	---
		5825	20.84	5814.68	5835.52	---	---



Test Graphs





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Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.423	5736.4885	5753.9111	---	---
		5785	17.423	5776.4486	5793.8711	---	---
		5825	17.463	5816.3686	5833.8312	---	---

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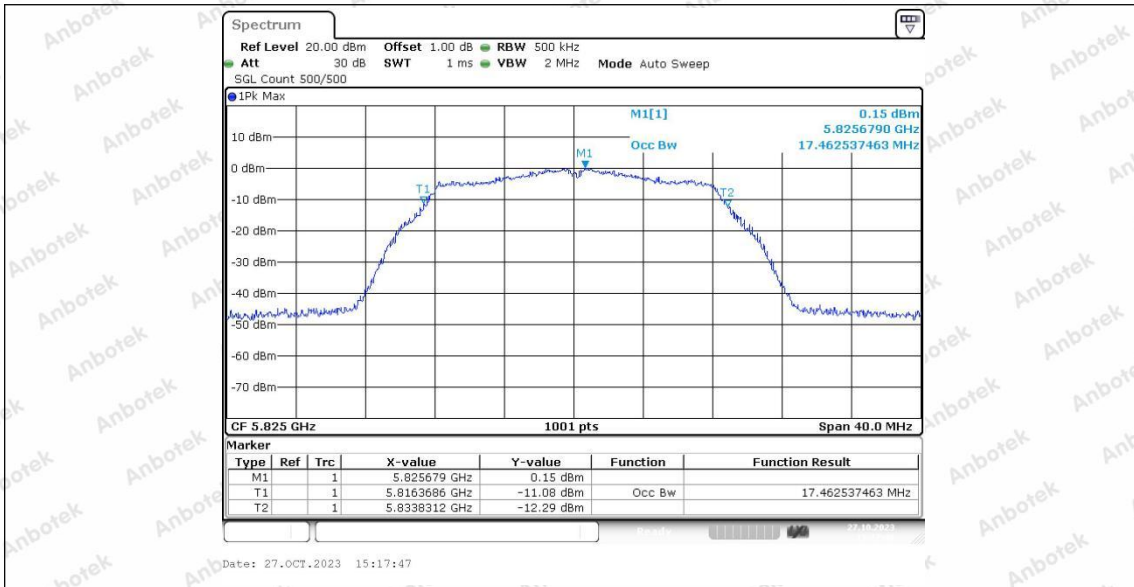


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Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.48	5737.52	5753.00	0.5	PASS
		5785	16.32	5776.96	5793.28	0.5	PASS
		5825	16.28	5817.00	5833.28	0.5	PASS

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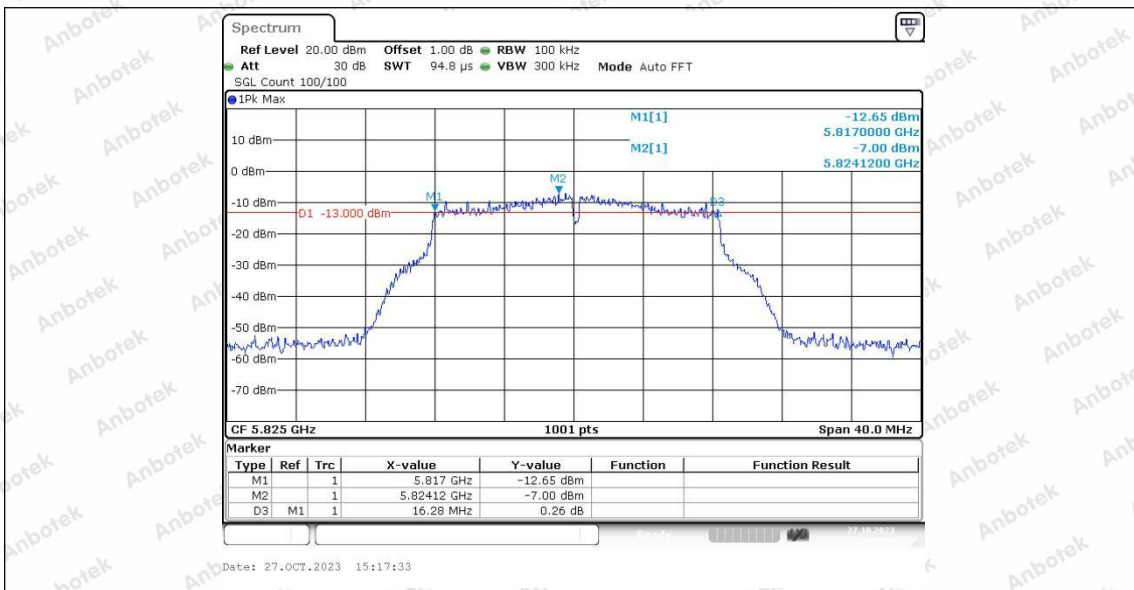


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Test Graphs B4





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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.40	1.50	93.33
		5785	1.40	1.50	93.33
		5825	1.39	1.49	93.29

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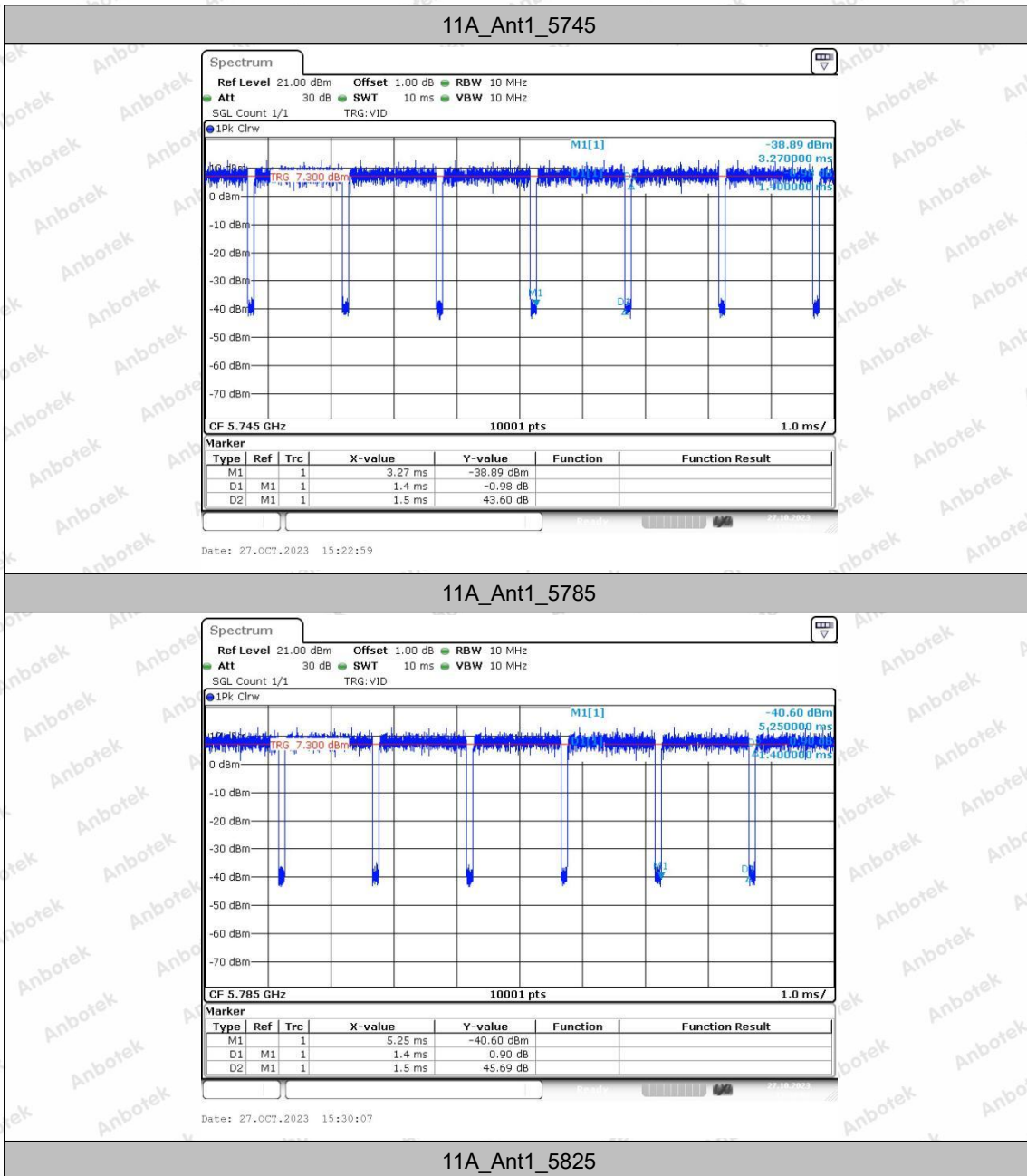
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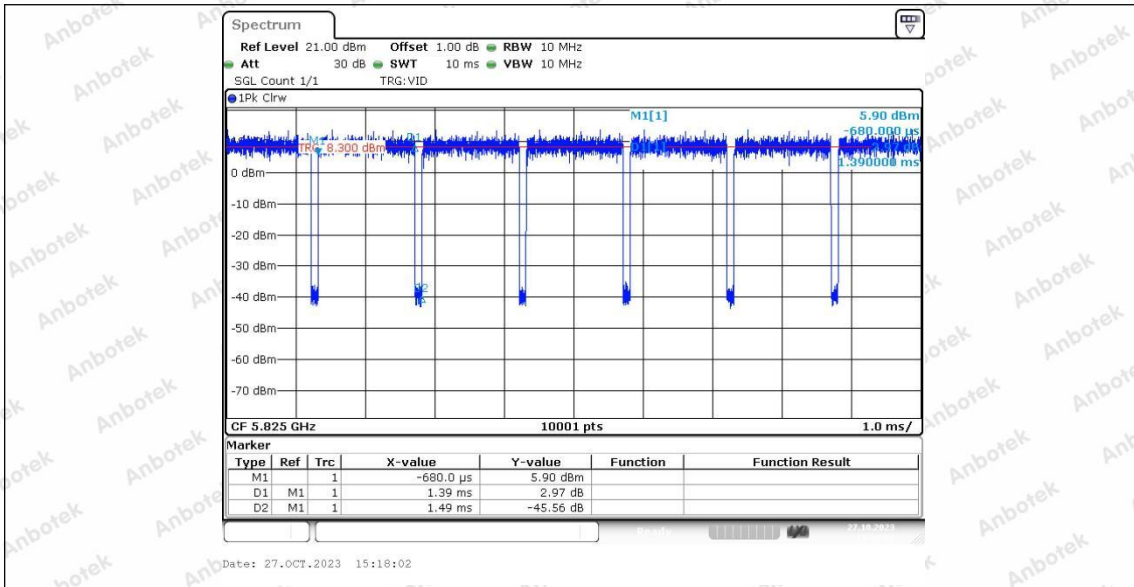


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Test Graphs





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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]
11A	Ant1	5745	---	9.02	93.33	0.30	9.32	≤30.00
		5785	---	9.60	93.33	0.30	9.90	≤30.00
		5825	---	10.27	93.29	0.30	10.57	≤30.00

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



Appendix D: Maximum power spectral density

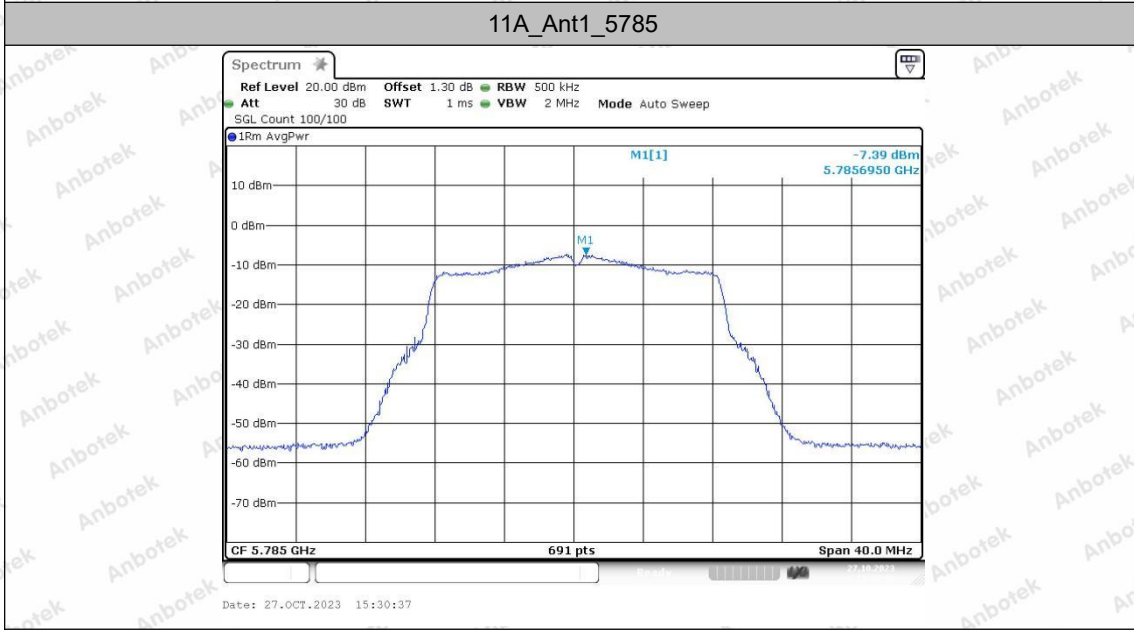
Test Result B4

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	Ant1	5745	-7.93	≤30.00	PASS
		5785	-7.39	≤30.00	PASS
		5825	-6.93	≤30.00	PASS

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

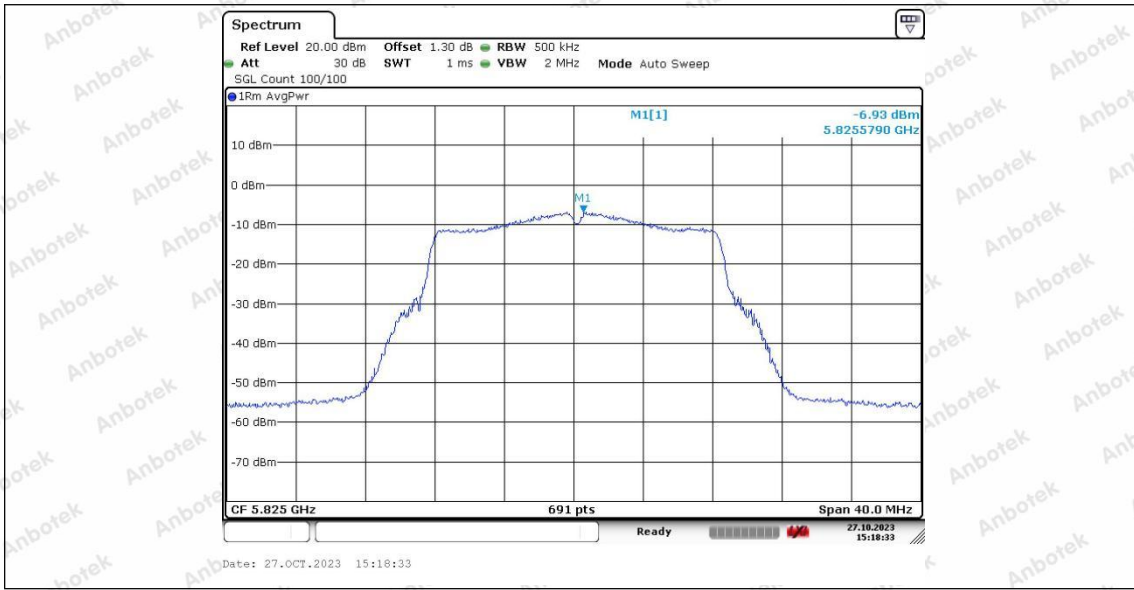


Test Graphs B4



11A_Ant1_5825





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Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-53.71	≤7.53	PASS
				5700~5720	-53.03	≤13.78	PASS
				5720~5725	-53.59	≤20.54	PASS
				5760~5650	-54.06	≤-27	PASS
		High	5825	5850~5855	-53.18	≤16.25	PASS
				5855~5875	-52.81	≤13.45	PASS
				5875~5925	-53.84	≤-7.94	PASS
				5925~5935	-54.44	≤-27	PASS

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Test Graphs B4



---End---

