

Appendix Test Data

Report No.:	18220WC30171001	Test Sample No.:	1-2-2
Start Test Date:	2024.6.25	Finish Test Date:	2024.6.26
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.3℃	Relative Humidity:	49%
Pressure:	101kPa		

Appendix A1: 26dB Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5732	11.440	5728.000	5739.440	---	---
11A	Ant1	5790	12.200	5784.920	5797.120	---	---
11A	Ant1	5847	11.520	5841.800	5853.320	---	---

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Test Graphs



11A-Ant1-5732



11A-Ant1-5790



11A-Ant1-5847

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Appendix A2: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5732	8.3302	5729.7662	5738.0964	---	---
11A	Ant1	5790	8.1905	5786.6996	5794.8901	---	---
11A	Ant1	5847	8.6854	5843.6399	5852.3253	---	---



Test Graphs



11A-Ant1-5732



11A-Ant1-5790



11A-Ant1-5847

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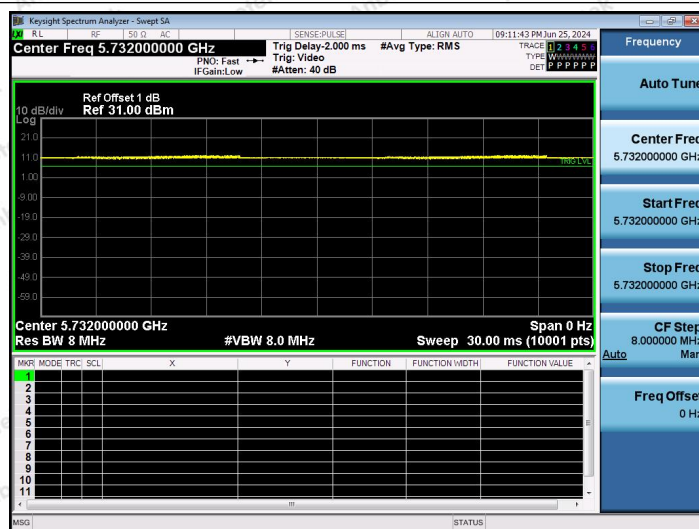
Appendix B: Duty Cycle

Test Result

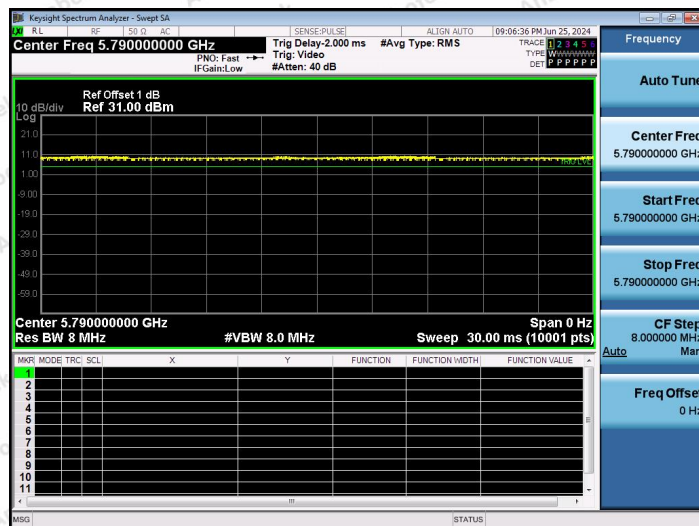
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5732	30.00	30.00	100.00	0.00	0.03
11A	Ant1	5790	30.00	30.00	100.00	0.00	0.03
11A	Ant1	5847	30.00	30.00	100.00	0.00	0.03



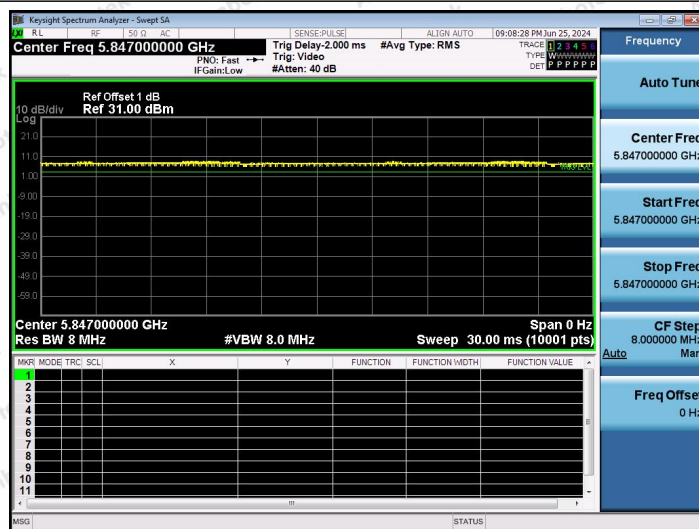
Test Graphs



NTNV-11A-Ant1-5732



NTNV-11A-Ant1-5790



NTNV-11A-Ant1-5847

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Appendix C: Maximum Conducted Output Power

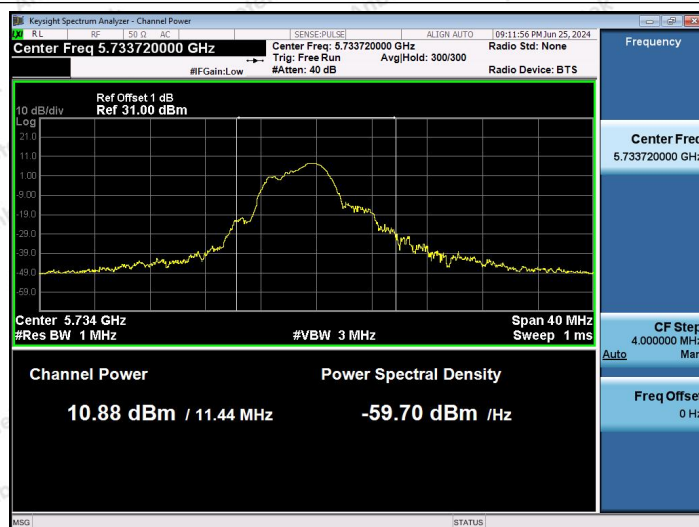
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5732	---	10.88	100.00	0.00	10.88	≤30.00	PASS
11A	Ant1	5790	---	9.08	100.00	0.00	9.08	≤30.00	PASS
11A	Ant1	5847	---	7.66	100.00	0.00	7.66	≤30.00	PASS

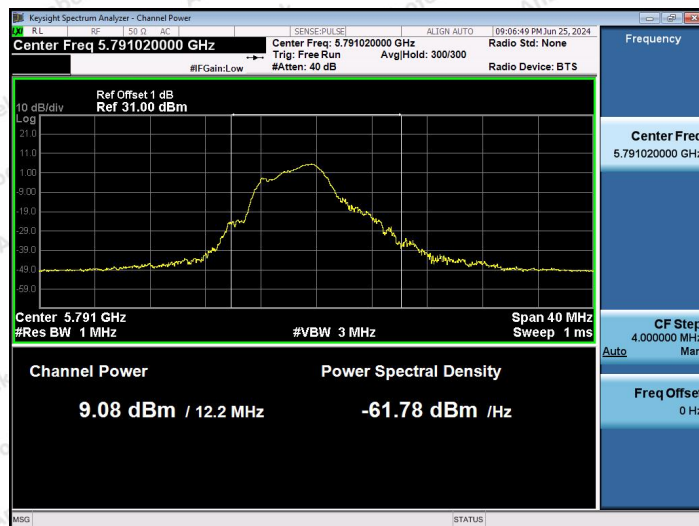
Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.



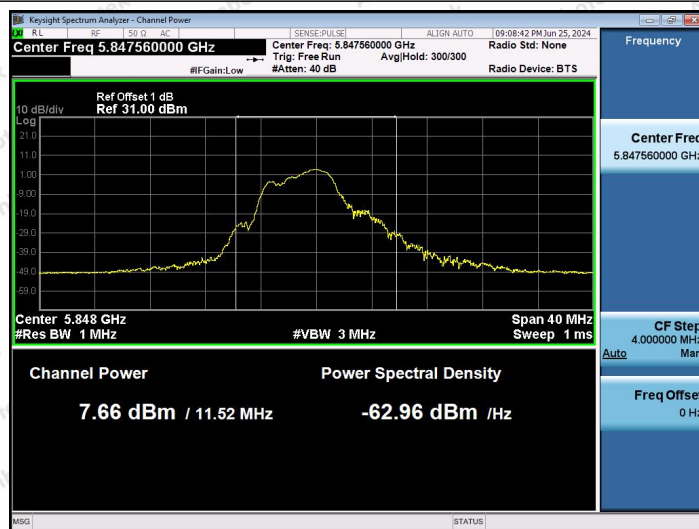
Test Graphs Channel Power



11A-Ant1-5732-PASS



11A-Ant1-5790-PASS



11A-Ant1-5847-PASS

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Appendix D: Maximum Power Spectral Density

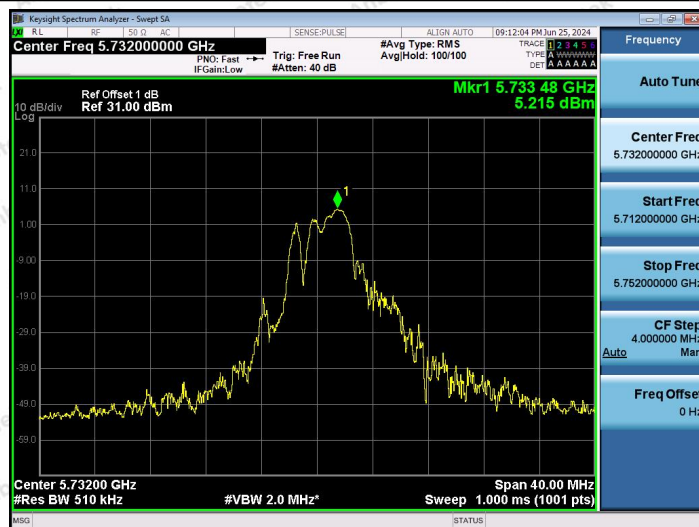
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5732	5.22	≤30.00	PASS
11A	Ant1	5790	3.36	≤30.00	PASS
11A	Ant1	5847	1.49	≤30.00	PASS

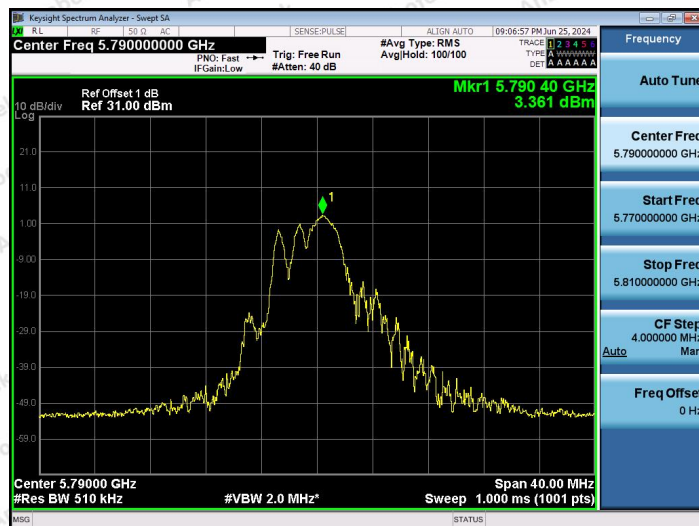
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and cable loss are compensated in the graph.



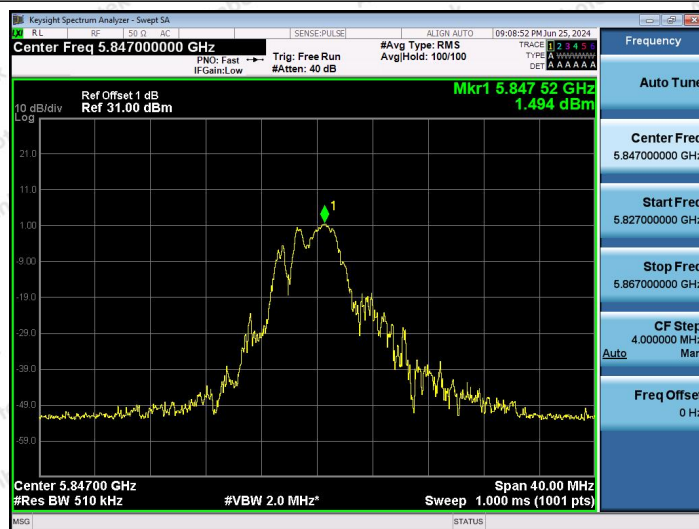
Test Graphs



11A-Ant1-5732-PASS



11A-Ant1-5790-PASS



11A-Ant1-5847-PASS

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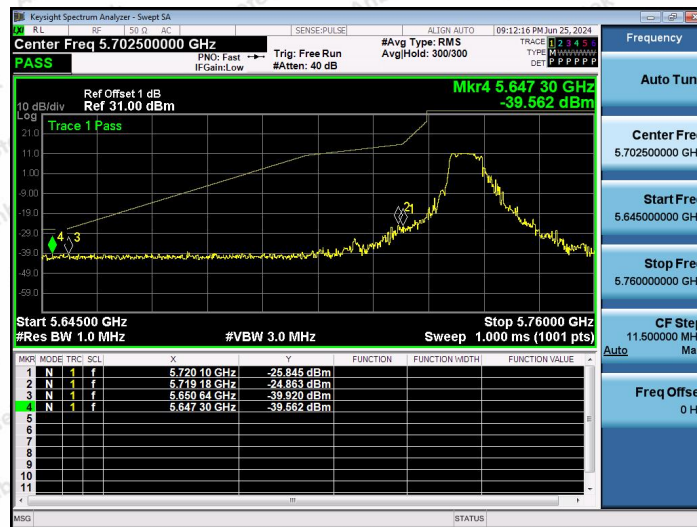
Appendix E: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5732	5720~5725	-25.85	≤15.82	PASS
11A	Ant1	Low	5732	5700~5720	-24.86	≤15.37	PASS
11A	Ant1	Low	5732	5650~5700	-39.92	≤-26.53	PASS
11A	Ant1	Low	5732	5760~5650	-39.56	≤-27	PASS
11A	Ant1	High	5847	5850~5855	6.03	≤25.40	PASS
11A	Ant1	High	5847	5855~5875	-15.24	≤15.52	PASS
11A	Ant1	High	5847	5875~5925	-39.79	≤-25.82	PASS
11A	Ant1	High	5847	5925~5935	-39.46	≤-27	PASS



Test Graphs B4



11A-Ant1-5732-PASS



11A-Ant1-5847-PASS

---End---

