

Appendix Test Data

Report No.:	18220WC30256801-M1	Test Sample No.:	1-2-2
Start Test Date:	2024.04.23	Finish Test Date:	2024.04.24
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
5.8G	Ant1	5733	12.680	5728.080	5740.760	---	---
5.8G	Ant1	5790	12.880	5784.800	5797.680	---	---
5.8G	Ant1	5847	13.240	5841.840	5855.080	---	---

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Test Graphs



5.8G-Ant1-5733



5.8G-Ant1-5790



5.8G-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
5.8G	Ant1	5733	9.5675	5729.7479	5739.3154	---	---
5.8G	Ant1	5790	9.2457	5786.6660	5795.9117	---	---
5.8G	Ant1	5847	9.2304	5843.6429	5852.8733	---	---



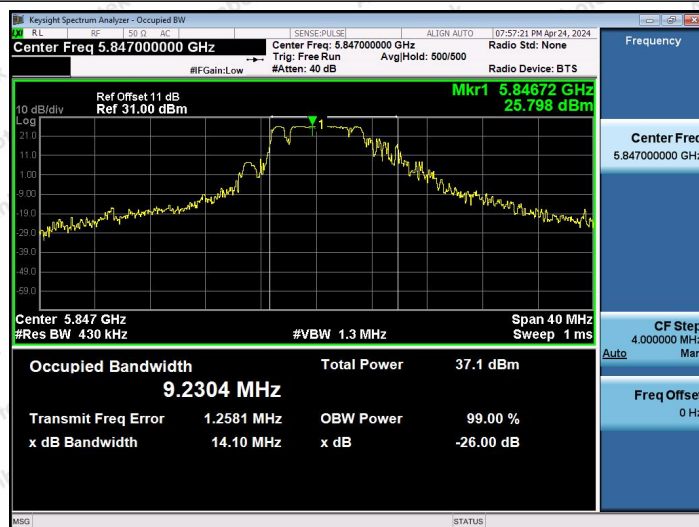
Test Graphs



5.8G-Ant1-5733



5.8G-Ant1-5790



5.8G-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
5.8G	Ant1	5733	30.00	30.00	100.00	0.00	0.03
5.8G	Ant1	5790	30.00	30.00	100.00	0.00	0.03
5.8G	Ant1	5847	30.00	30.00	100.00	0.00	0.03

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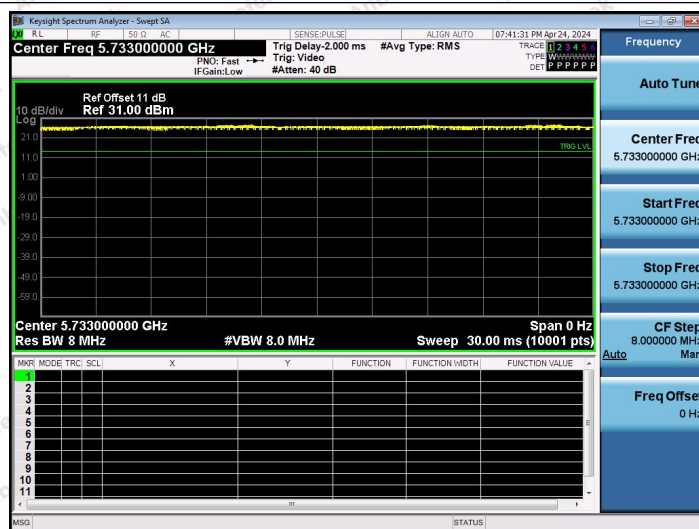
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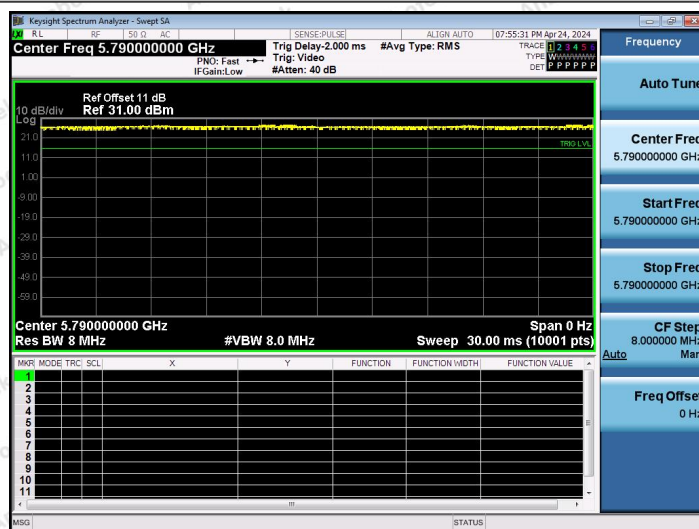
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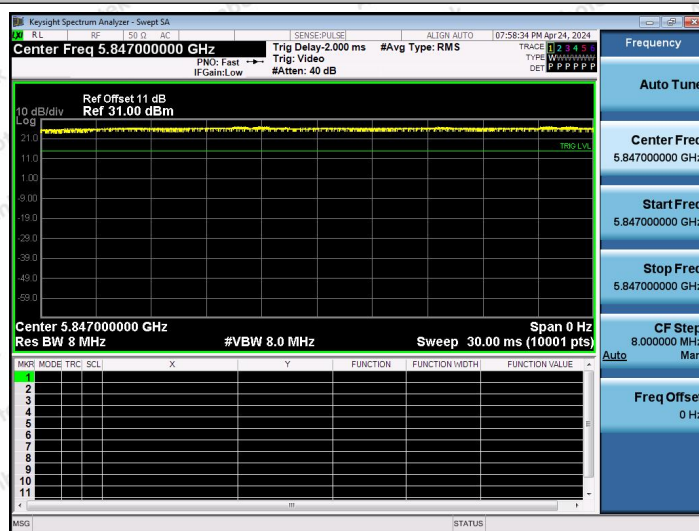
Test Graphs



NTNV-5.8G-Ant1-5733



NTNV-5.8G-Ant1-5790



NTNV-5.8G-Ant1-5847

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Appendix C: Maximum Conducted Output Power

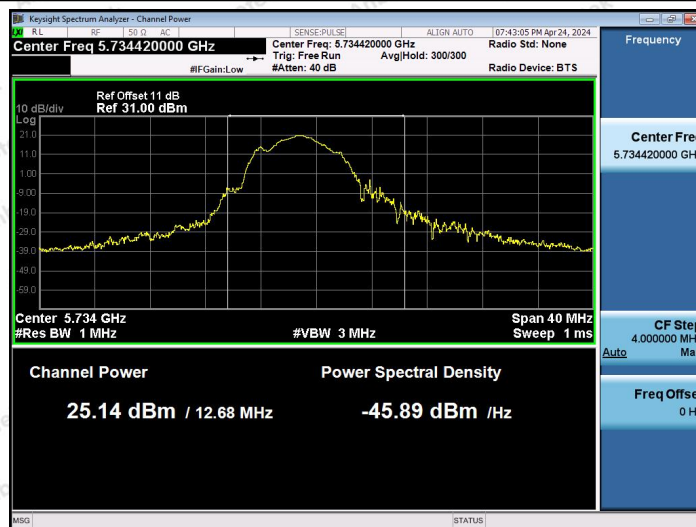
Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
5.8G	Ant1	5733	25.14	100.00	0.00	25.14	≤30.00	PASS
5.8G	Ant1	5790	25.94	100.00	0.00	25.94	≤30.00	PASS
5.8G	Ant1	5847	25.69	100.00	0.00	25.69	≤30.00	PASS

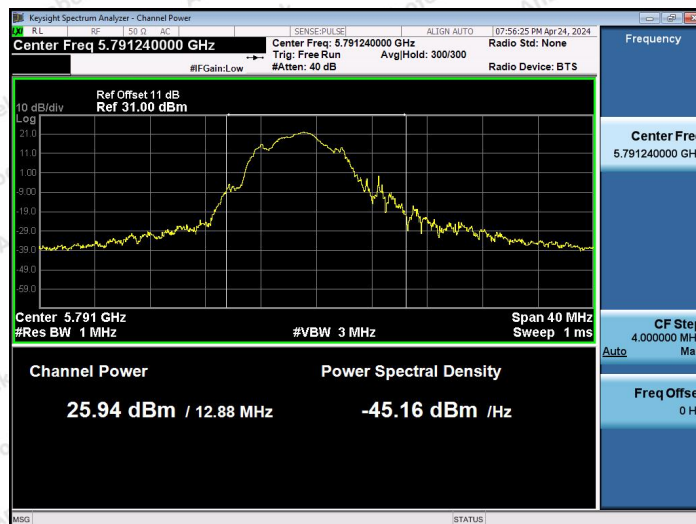
Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.



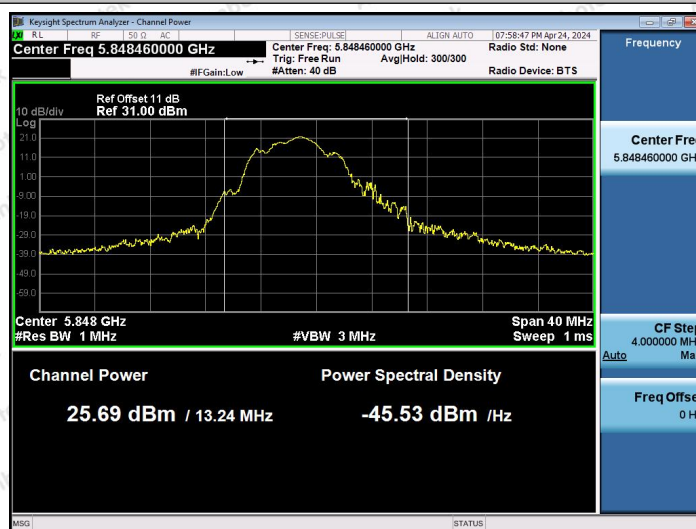
Test Graphs Channel Power



5.8G-Ant1-5733-PASS



5.8G-Ant1-5790-PASS



5.8G-Ant1-5847-PASS

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Appendix D: Maximum Power Spectral Density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
5.8G	Ant1	5733	18.36	≤30.00	PASS
5.8G	Ant1	5790	18.60	≤30.00	PASS
5.8G	Ant1	5847	17.84	≤30.00	PASS

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



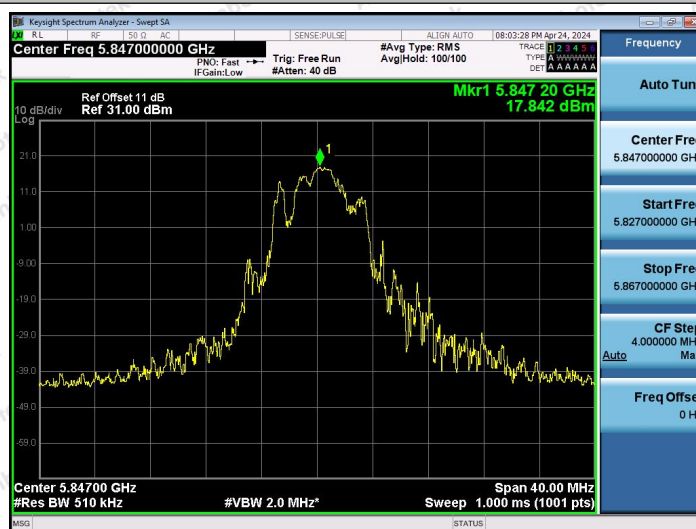
Test Graphs



5.8G-Ant1-5733-PASS



5.8G-Ant1-5790-PASS



5.8G-Ant1-5847-PASS

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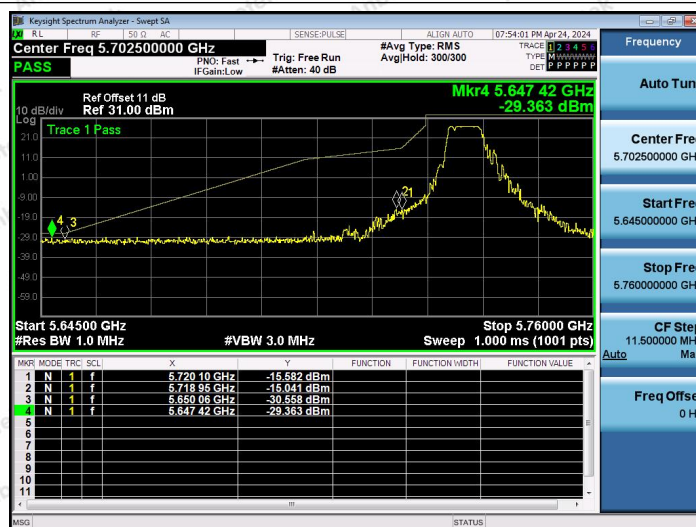
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
5.8G	Ant1	Low	5733	5720~5725	-15.58	≤15.82	PASS
5.8G	Ant1	Low	5733	5700~5720	-15.04	≤15.30	PASS
5.8G	Ant1	Low	5733	5650~5700	-30.56	≤-26.96	PASS
5.8G	Ant1	Low	5733	5760~5650	-29.36	≤-27	PASS
5.8G	Ant1	High	5847	5850~5855	25.48	≤26.54	PASS
5.8G	Ant1	High	5847	5855~5875	-0.26	≤15.26	PASS
5.8G	Ant1	High	5847	5875~5925	-30.86	≤-26.93	PASS
5.8G	Ant1	High	5847	5925~5935	-29.13	≤-27	PASS



Test Graphs



5.8G-Ant1-5733-PASS



5.8G-Ant1-5847-PASS

---End---

