

Appendix Test Data

Report No.:	18220WC30242901-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	12.320	5727.800	5740.120	---	---
5.8G	Ant1	5790	13.000	5784.760	5797.760	---	---
5.8G	Ant1	5847	12.520	5841.920	5854.440	---	---

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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	9.1485	5729.7122	5738.8607	---	---
5.8G	Ant1	5790	9.6113	5786.5386	5796.1499	---	---
5.8G	Ant1	5847	9.4238	5843.6018	5853.0256	---	---

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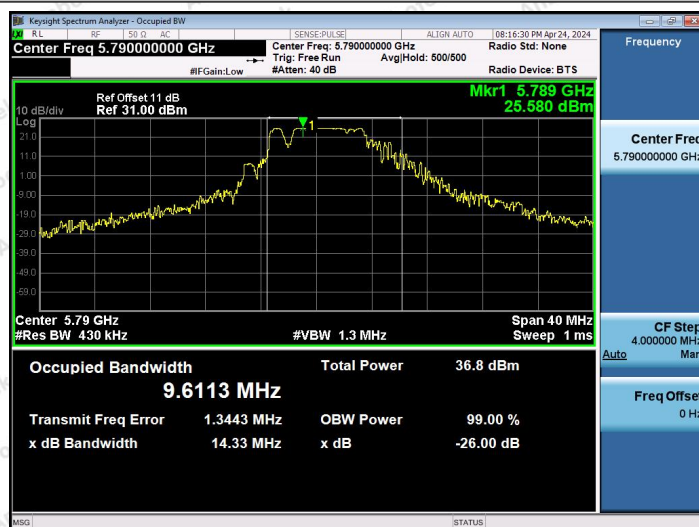
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Test Graphs



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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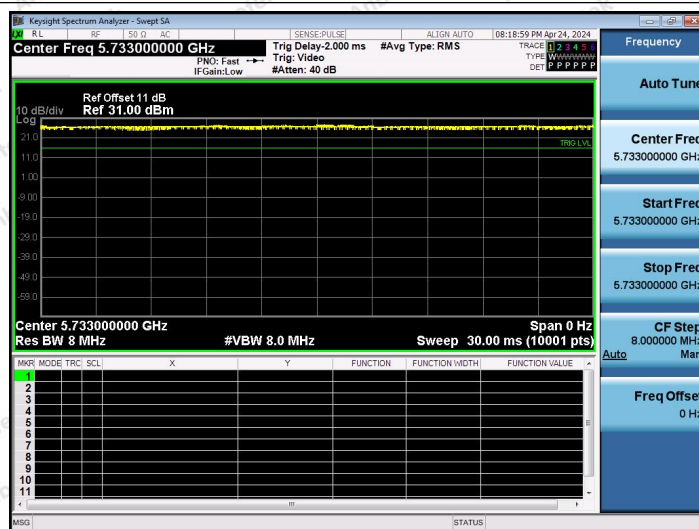
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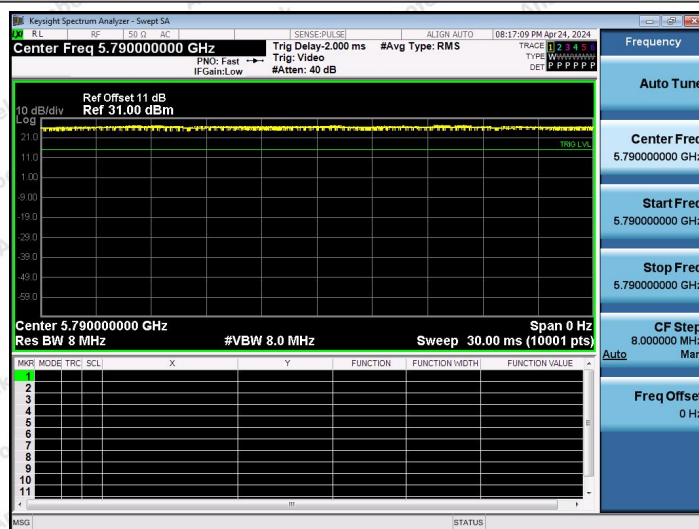
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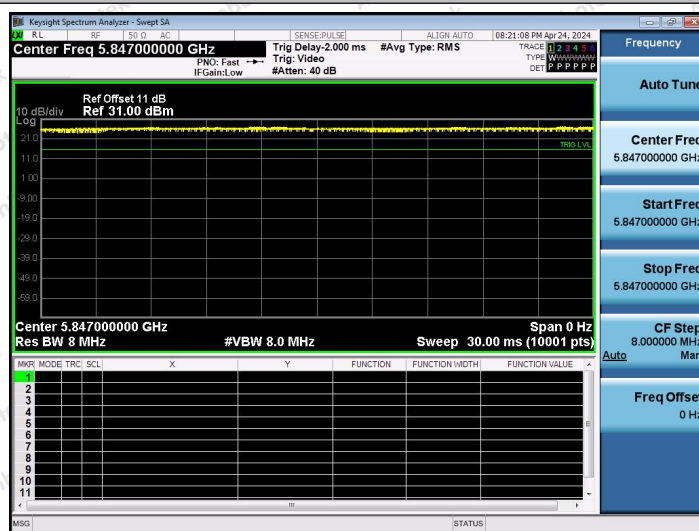
Test Graphs



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

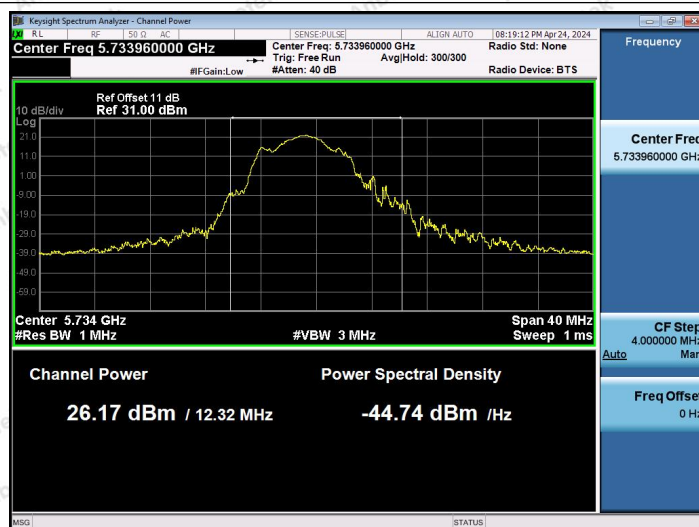
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
5.8G	Ant1	5733	26.17	100.00	0.00	26.17	≤30.00	PASS
5.8G	Ant1	5790	25.87	100.00	0.00	25.87	≤30.00	PASS
5.8G	Ant1	5847	25.80	100.00	0.00	25.80	≤30.00	PASS

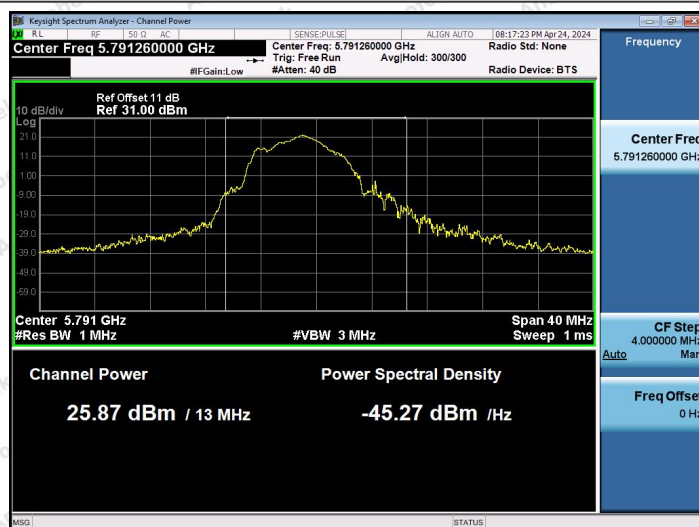
Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.



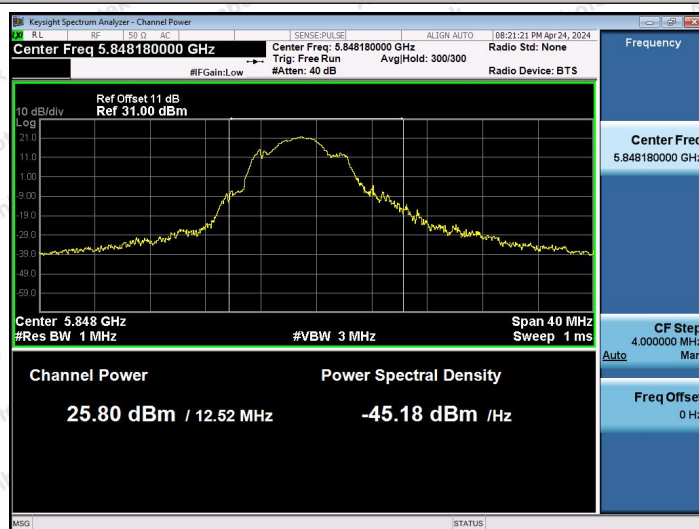
Test Graphs Channel Power



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

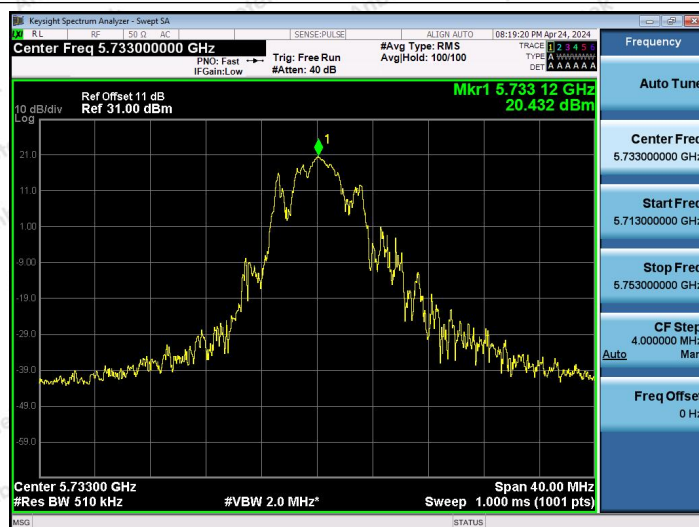
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit [dBm/500KHz]	Verdict
5.8G	Ant1	5733	20.43	≤30.00	PASS
5.8G	Ant1	5790	20.12	≤30.00	PASS
5.8G	Ant1	5847	19.51	≤30.00	PASS

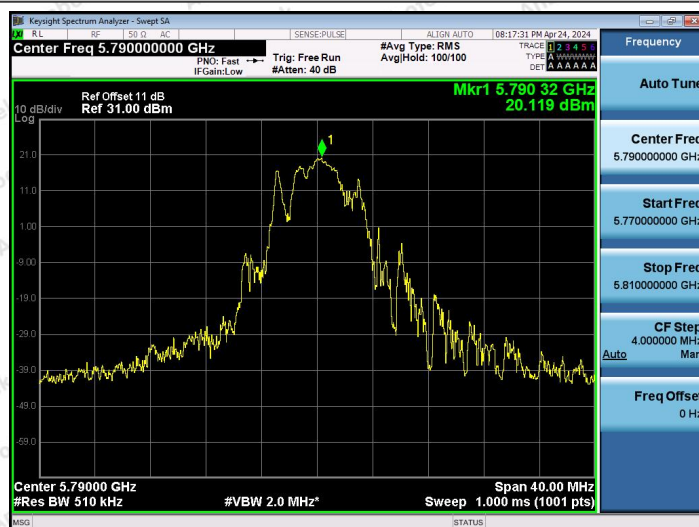
Note: The Duty Cycle Factor and cable loss are compensated in the graph.



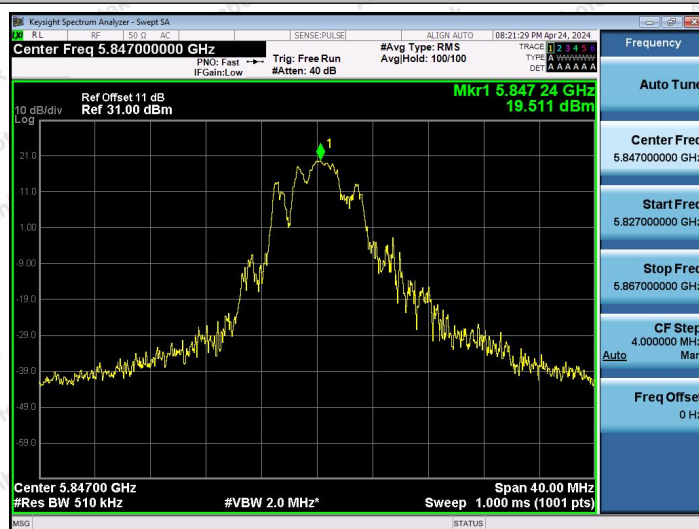
Test Graphs



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	-16.43	≤15.82	PASS
5.8G	Ant1	Low	5733	5700~5720	-14.46	≤15.40	PASS
5.8G	Ant1	Low	5733	5650~5700	-29.66	≤-26.70	PASS
5.8G	Ant1	Low	5733	5760~5650	-29.12	≤-27	PASS
5.8G	Ant1	High	5847	5850~5855	25.66	≤26.54	PASS
5.8G	Ant1	High	5847	5855~5875	4.09	≤15.49	PASS
5.8G	Ant1	High	5847	5875~5925	-30.69	≤-26.93	PASS
5.8G	Ant1	High	5847	5925~5935	-29.12	≤-27	PASS



Test Graphs



5.8G-Ant1-5733-PASS



5.8G-Ant1-5847-PASS

---End---

