



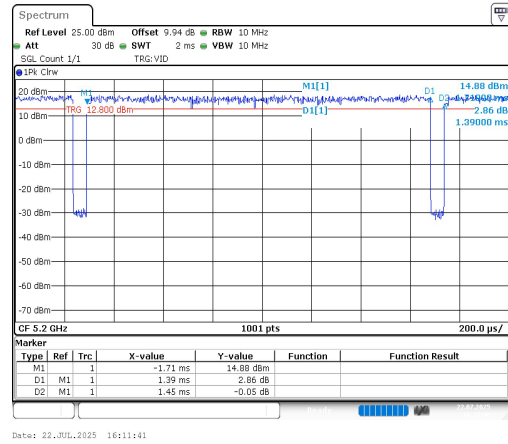
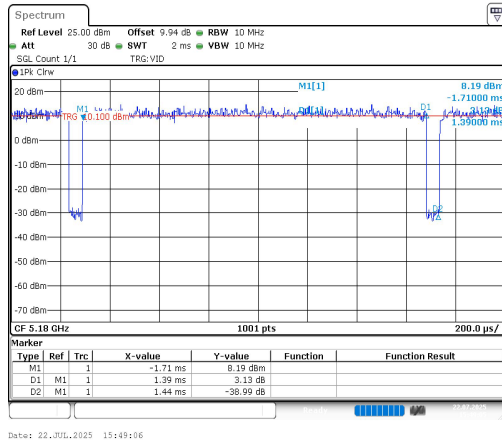
Appendix B: Duty Cycle

Test Result

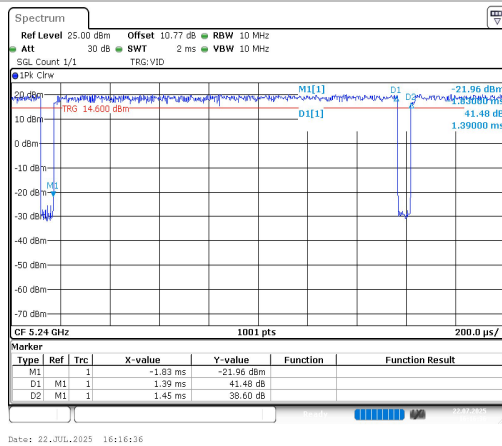
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.44	96.53	---	---
11A	Ant1	5200	1.39	1.45	95.86	---	---
11A	Ant1	5240	1.39	1.45	95.86	---	---
11A	Ant1	5745	1.38	1.44	95.83	---	---
11A	Ant1	5785	1.39	1.44	96.53	---	---
11A	Ant1	5825	1.39	1.45	95.86	---	---
11N20SISO	Ant1	5180	1.29	1.35	95.56	---	---
11N20SISO	Ant1	5200	1.29	1.34	96.27	---	---
11N20SISO	Ant1	5240	1.29	1.34	96.27	---	---
11N20SISO	Ant1	5745	1.29	1.34	96.27	---	---
11N20SISO	Ant1	5785	1.29	1.35	95.56	---	---
11N20SISO	Ant1	5825	1.29	1.34	96.27	---	---
11N40SISO	Ant1	5190	0.65	0.71	91.55	---	---
11N40SISO	Ant1	5230	0.65	0.70	92.86	---	---
11N40SISO	Ant1	5755	0.66	0.71	92.96	---	---
11N40SISO	Ant1	5795	0.65	0.70	92.86	---	---
11AC20SISO	Ant1	5180	1.32	1.37	96.35	---	---
11AC20SISO	Ant1	5200	1.31	1.36	96.32	---	---
11AC20SISO	Ant1	5240	1.31	1.36	96.32	---	---
11AC20SISO	Ant1	5745	1.32	1.37	96.35	---	---
11AC20SISO	Ant1	5785	1.32	1.37	96.35	---	---
11AC20SISO	Ant1	5825	1.31	1.37	95.62	---	---
11AC40SISO	Ant1	5190	0.63	0.69	91.30	---	---
11AC40SISO	Ant1	5230	0.64	0.69	92.75	---	---
11AC40SISO	Ant1	5755	0.64	0.69	92.75	---	---
11AC40SISO	Ant1	5795	0.63	0.69	91.30	---	---
11AC80SISO	Ant1	5210	0.32	0.38	84.21	---	---
11AC80SISO	Ant1	5775	0.32	0.37	86.49	---	---



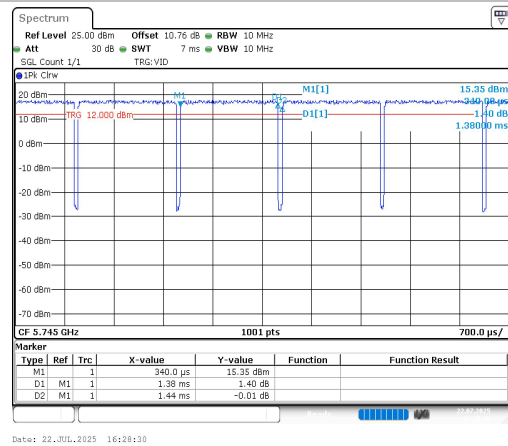
Test Graphs



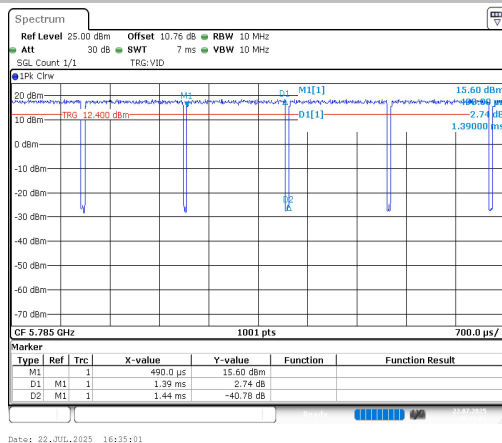
NTNV-11A-Ant1-5180



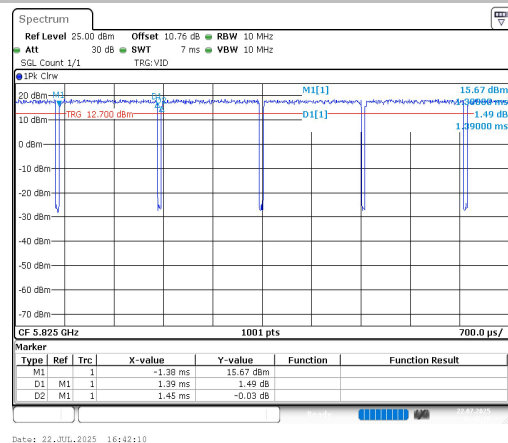
NTNV-11A-Ant1-5200



NTNV-11A-Ant1-5240

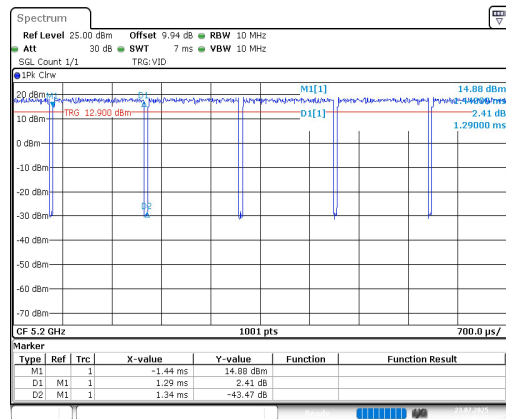
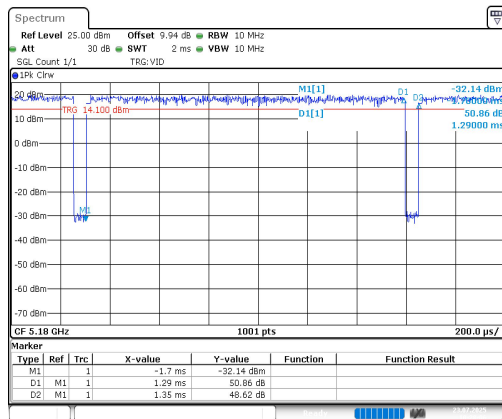


NTNV-11A-Ant1-5745



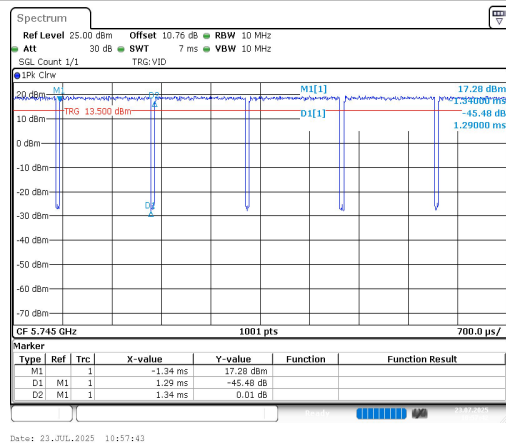
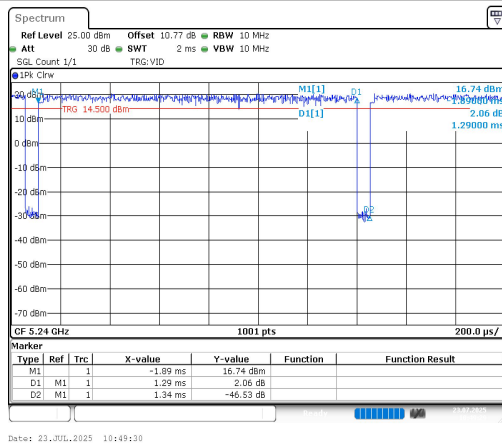
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NTNV-11A-Ant1-5825



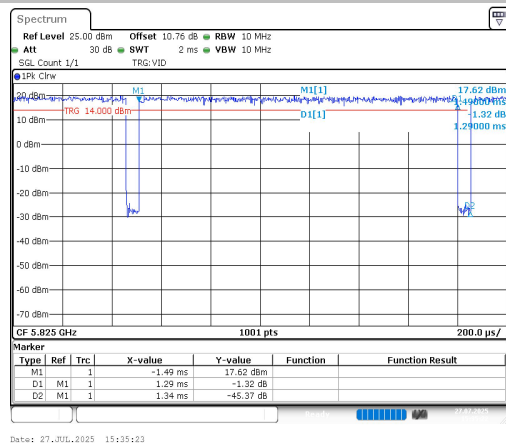
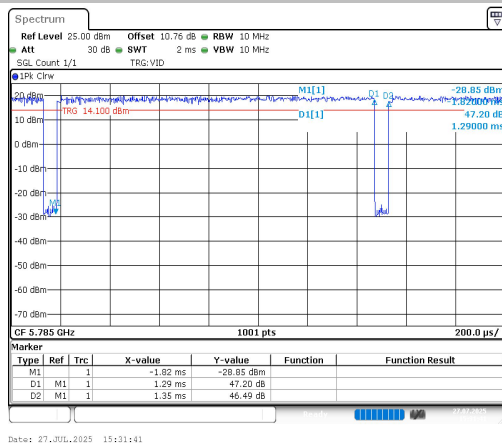
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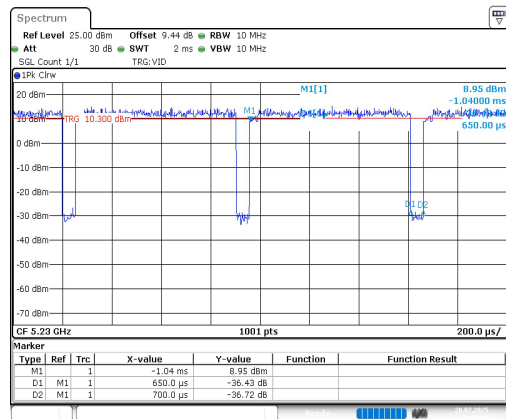
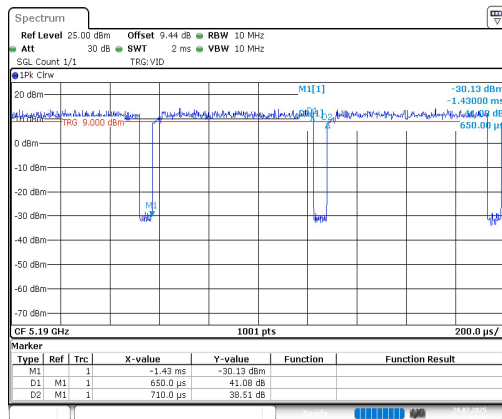
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NTNV-11N20SISO-Ant1-5745



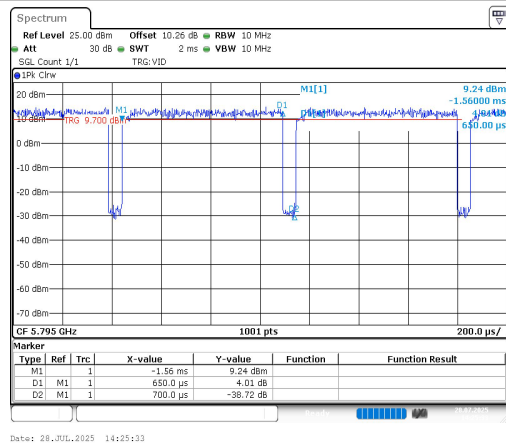
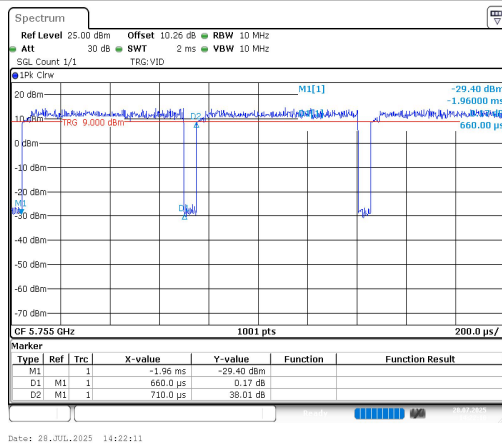
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NTNV-11N20SISO-Ant1-5825



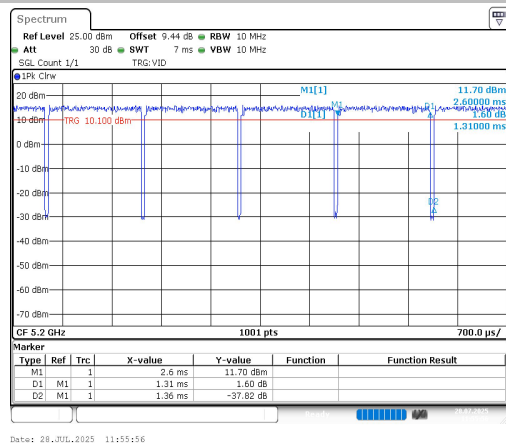
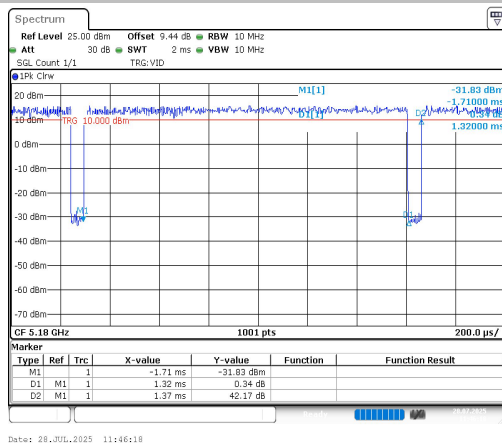
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NTNV-11N40SISO-Ant1-5230



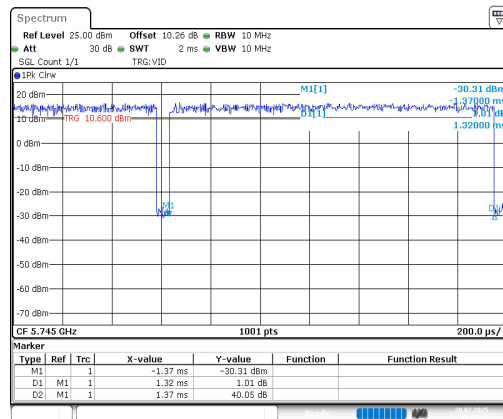
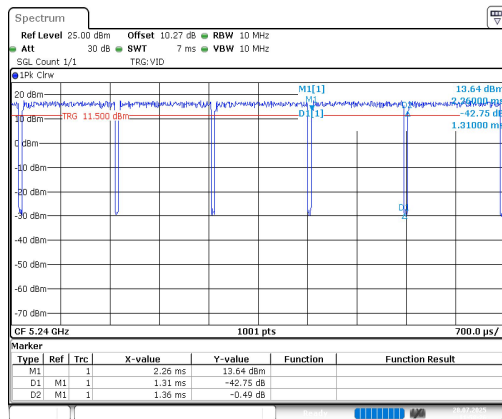
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NTNV-11N40SISO-Ant1-5795



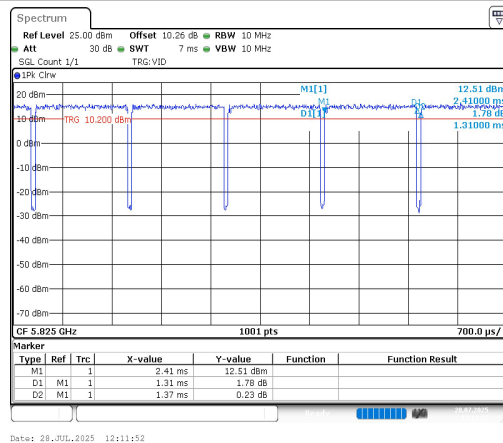
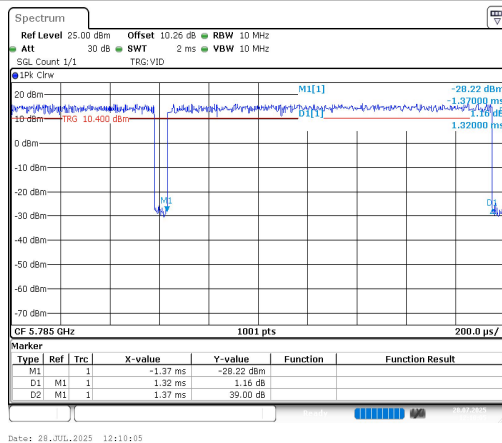
NTNV-11AC20SISO-Ant1-5180

NTNV-11AC20SISO-Ant1-5200



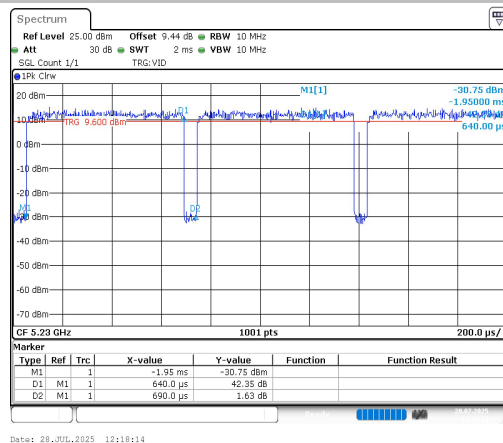
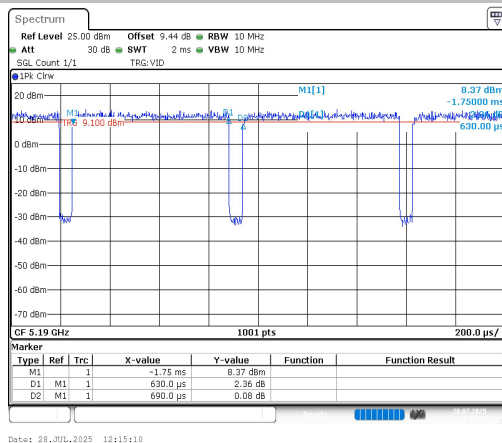
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NTNV-11AC20SISO-Ant1-5745



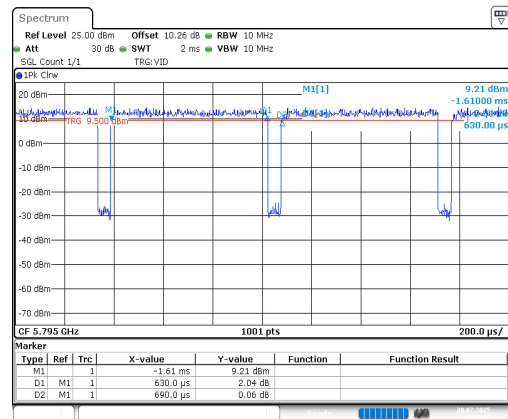
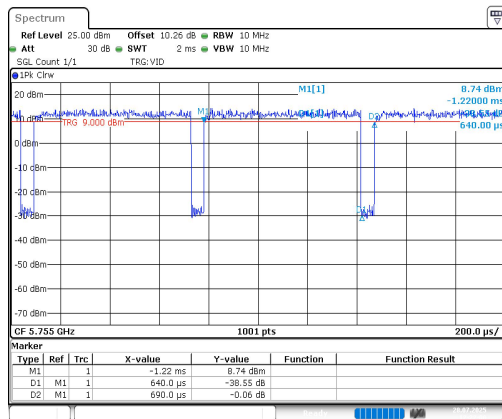
NTNV-11AC20SISO-Ant1-5785

NTNV-11AC20SISO-Ant1-5825



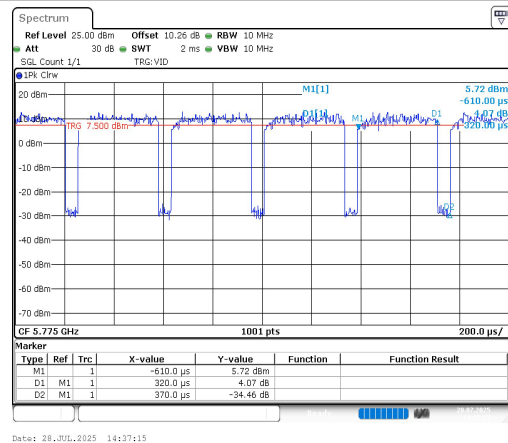
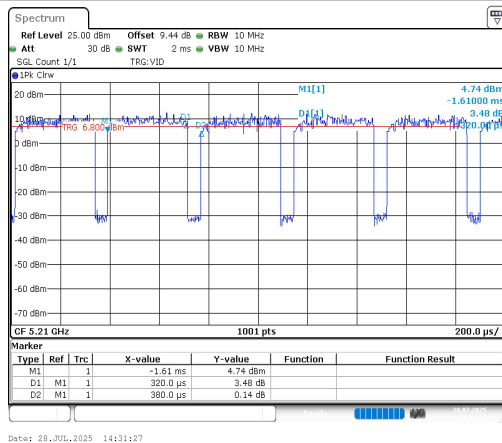
NTNV-11AC40SISO-Ant1-5190

NTNV-11AC40SISO-Ant1-5230



NTNV-11AC40SISO-Ant1-5755

NTNV-11AC40SISO-Ant1-5795



NTNV-11AC80SISO-Ant1-5210

NTNV-11AC80SISO-Ant1-5775



Appendix C: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	13.25	0.15	13.40	≤23.98	3.40	16.80	PASS
11A	Ant1	5200	13.19	0.18	13.37	≤23.98	3.40	16.77	PASS
11A	Ant1	5240	14.92	0.18	15.10	≤23.98	3.40	18.50	PASS
11A	Ant1	5745	16.24	0.18	16.42	≤30.00	3.40	19.82	PASS
11A	Ant1	5785	16.76	0.15	16.91	≤30.00	3.40	20.31	PASS
11A	Ant1	5825	16.80	0.18	16.98	≤30.00	3.40	20.38	PASS
11N20SISO	Ant1	5180	13.51	0.20	13.71	≤23.98	3.40	17.11	PASS
11N20SISO	Ant1	5200	13.21	0.17	13.38	≤23.98	3.40	16.78	PASS
11N20SISO	Ant1	5240	14.89	0.17	15.06	≤23.98	3.40	18.46	PASS
11N20SISO	Ant1	5745	15.24	0.17	15.41	≤30.00	3.40	18.81	PASS
11N20SISO	Ant1	5785	15.63	0.20	15.83	≤30.00	3.40	19.23	PASS
11N20SISO	Ant1	5825	15.69	0.17	15.86	≤30.00	3.40	19.26	PASS
11N40SISO	Ant1	5190	9.95	0.38	10.33	≤23.98	3.40	13.73	PASS
11N40SISO	Ant1	5230	10.46	0.32	10.78	≤23.98	3.40	14.18	PASS
11N40SISO	Ant1	5755	10.40	0.32	10.72	≤30.00	3.40	14.12	PASS
11N40SISO	Ant1	5795	10.85	0.32	11.17	≤30.00	3.40	14.57	PASS
11AC20SISO	Ant1	5180	9.99	0.16	10.15	≤23.98	3.40	13.55	PASS
11AC20SISO	Ant1	5200	9.96	0.16	10.12	≤23.98	3.40	13.52	PASS
11AC20SISO	Ant1	5240	11.44	0.16	11.60	≤23.98	3.40	15.00	PASS
11AC20SISO	Ant1	5745	10.72	0.16	10.88	≤30.00	3.40	14.28	PASS
11AC20SISO	Ant1	5785	10.71	0.16	10.87	≤30.00	3.40	14.27	PASS
11AC20SISO	Ant1	5825	10.66	0.19	10.85	≤30.00	3.40	14.25	PASS
11AC40SISO	Ant1	5190	9.92	0.40	10.32	≤23.98	3.40	13.72	PASS
11AC40SISO	Ant1	5230	10.46	0.33	10.79	≤23.98	3.40	14.19	PASS
11AC40SISO	Ant1	5755	10.40	0.33	10.73	≤30.00	3.40	14.13	PASS
11AC40SISO	Ant1	5795	10.84	0.40	11.24	≤30.00	3.40	14.64	PASS
11AC80SISO	Ant1	5210	9.58	0.75	10.33	≤23.98	3.40	13.73	PASS
11AC80SISO	Ant1	5775	10.15	0.63	10.78	≤30.00	3.40	14.18	PASS

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



Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq (MHz)	PSD Result [dBm]	PSD Limit [dBm]	Gain [dBi]	EIRP.PSD [dBm]	Verdict
11A	Ant1	5180	3.27	≤11.00	3.40	6.67	PASS
11A	Ant1	5200	2.98	≤11.00	3.40	6.38	PASS
11A	Ant1	5240	4.59	≤11.00	3.40	7.99	PASS
11A	Ant1	5745	3.49	≤30.00	3.40	6.89	PASS
11A	Ant1	5785	3.54	≤30.00	3.40	6.94	PASS
11A	Ant1	5825	4.17	≤30.00	3.40	7.57	PASS
11N20SISO	Ant1	5180	4.44	≤11.00	3.40	7.84	PASS
11N20SISO	Ant1	5200	2.70	≤11.00	3.40	6.10	PASS
11N20SISO	Ant1	5240	4.71	≤11.00	3.40	8.11	PASS
11N20SISO	Ant1	5745	2.26	≤30.00	3.40	5.66	PASS
11N20SISO	Ant1	5785	2.75	≤30.00	3.40	6.15	PASS
11N20SISO	Ant1	5825	2.45	≤30.00	3.40	5.85	PASS
11N40SISO	Ant1	5190	-2.80	≤11.00	3.40	0.60	PASS
11N40SISO	Ant1	5230	-2.18	≤11.00	3.40	1.22	PASS
11N40SISO	Ant1	5755	-5.60	≤30.00	3.40	-2.20	PASS
11N40SISO	Ant1	5795	-4.81	≤30.00	3.40	-1.41	PASS
11AC20SISO	Ant1	5180	-0.28	≤11.00	3.40	3.12	PASS
11AC20SISO	Ant1	5200	-0.76	≤11.00	3.40	2.64	PASS
11AC20SISO	Ant1	5240	1.24	≤11.00	3.40	4.64	PASS
11AC20SISO	Ant1	5745	-1.98	≤30.00	3.40	1.42	PASS
11AC20SISO	Ant1	5785	-2.38	≤30.00	3.40	1.02	PASS
11AC20SISO	Ant1	5825	-2.61	≤30.00	3.40	0.79	PASS
11AC40SISO	Ant1	5190	-2.92	≤11.00	3.40	0.48	PASS
11AC40SISO	Ant1	5230	-2.10	≤11.00	3.40	1.30	PASS
11AC40SISO	Ant1	5755	-5.66	≤30.00	3.40	-2.26	PASS
11AC40SISO	Ant1	5795	-4.45	≤30.00	3.40	-1.05	PASS
11AC80SISO	Ant1	5210	-6.42	≤11.00	3.40	-3.02	PASS
11AC80SISO	Ant1	5775	-8.44	≤30.00	3.40	-5.04	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 RBW Factor is compensated in the graph.