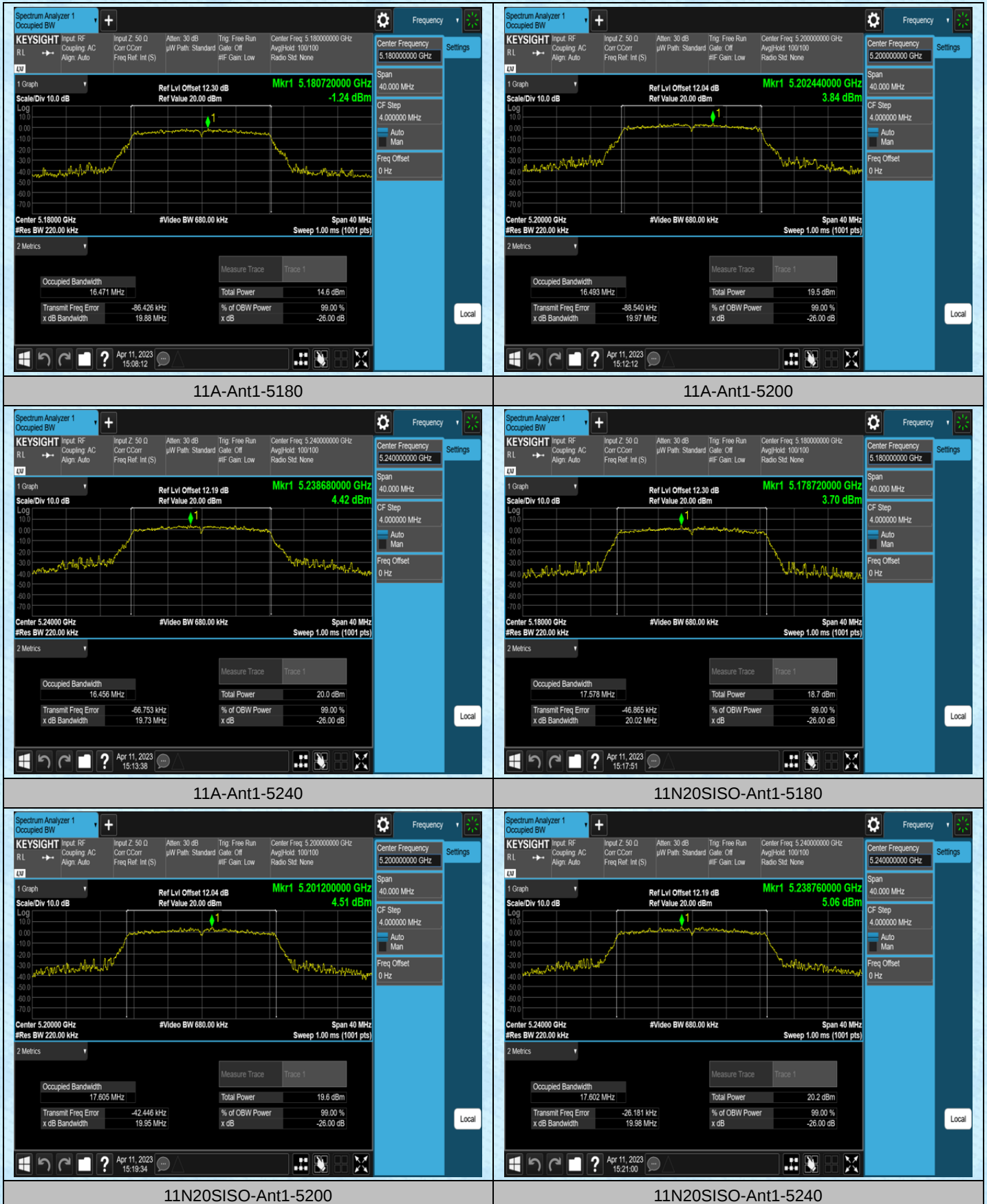


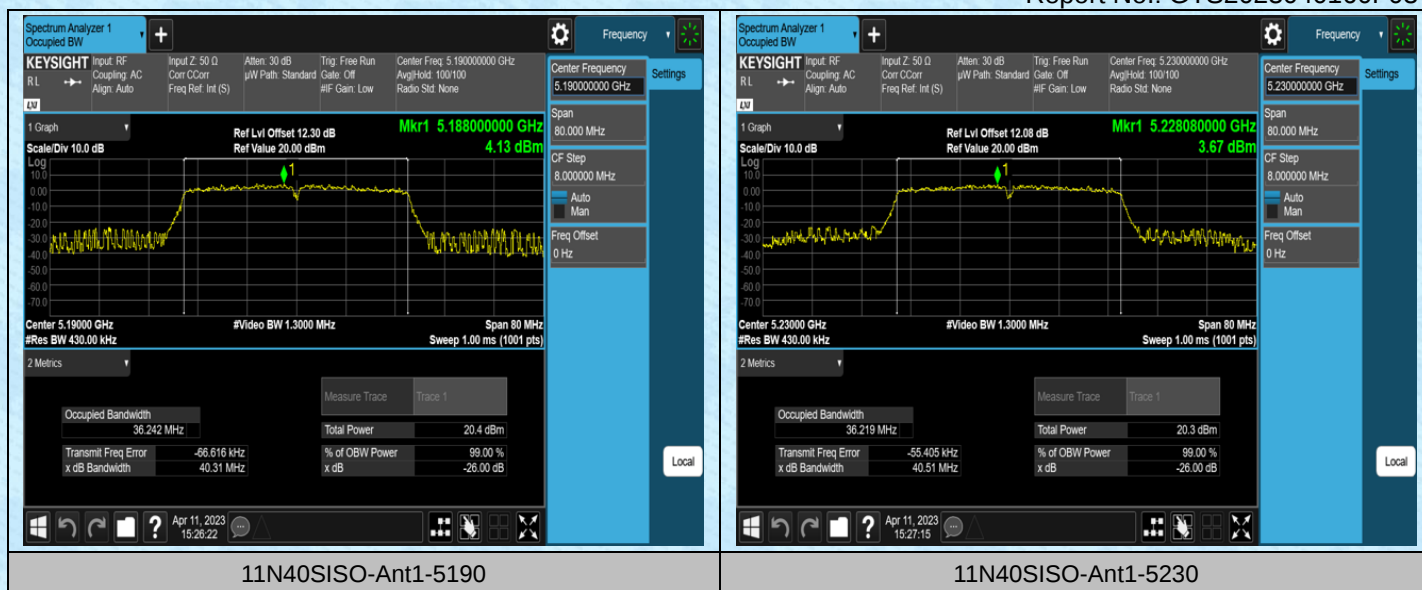
AppendixA1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	26db EBW [MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	19.88	---	---
11A	Ant1	5200	6Mbps	19.97	---	---
11A	Ant1	5240	6Mbps	19.73	---	---
11N20SISO	Ant1	5180	MCS0	20.02	---	---
11N20SISO	Ant1	5200	MCS0	19.95	---	---
11N20SISO	Ant1	5240	MCS0	19.98	---	---
11N40SISO	Ant1	5190	MCS0	40.31	---	---
11N40SISO	Ant1	5230	MCS0	40.51	---	---

Test Graphs

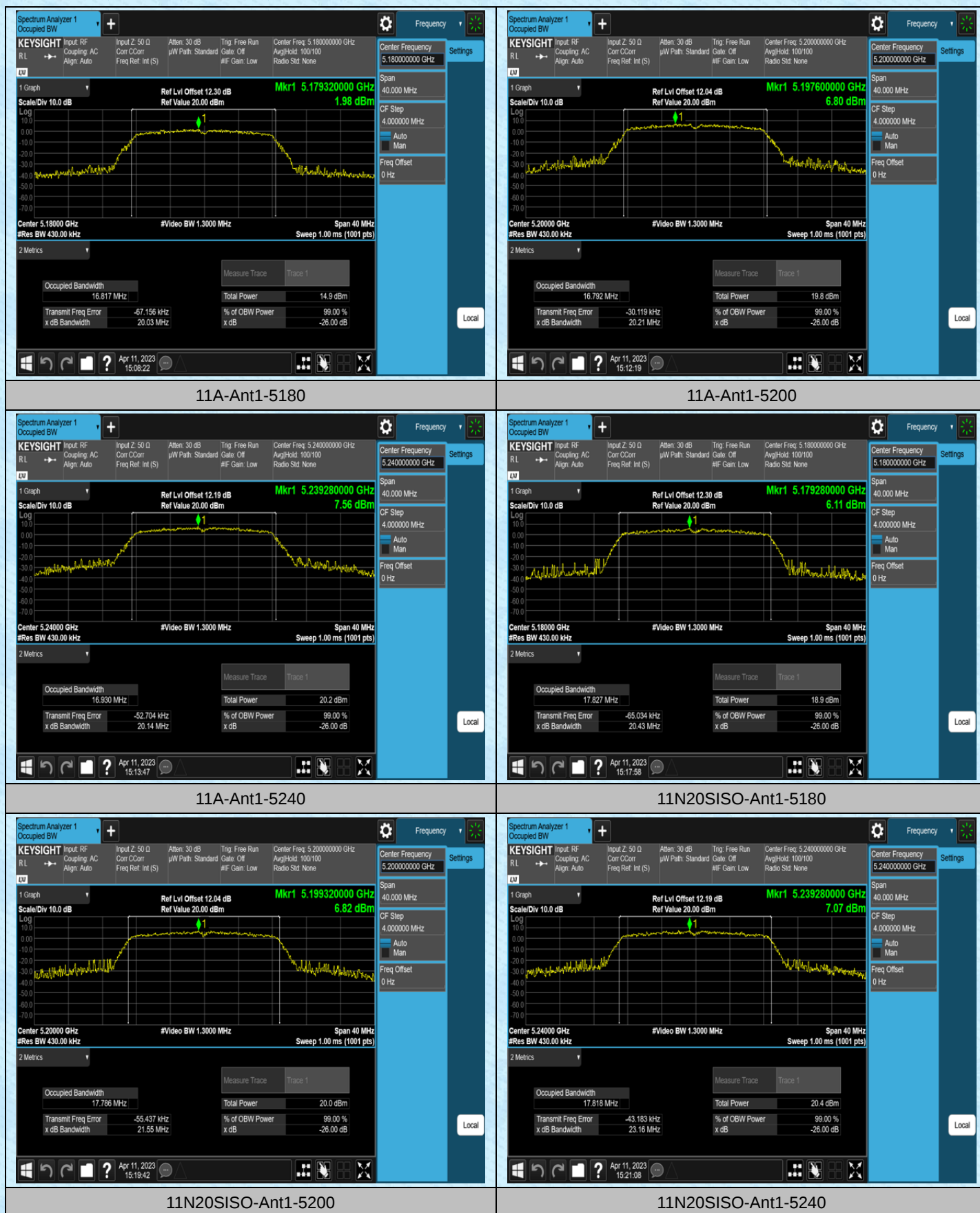


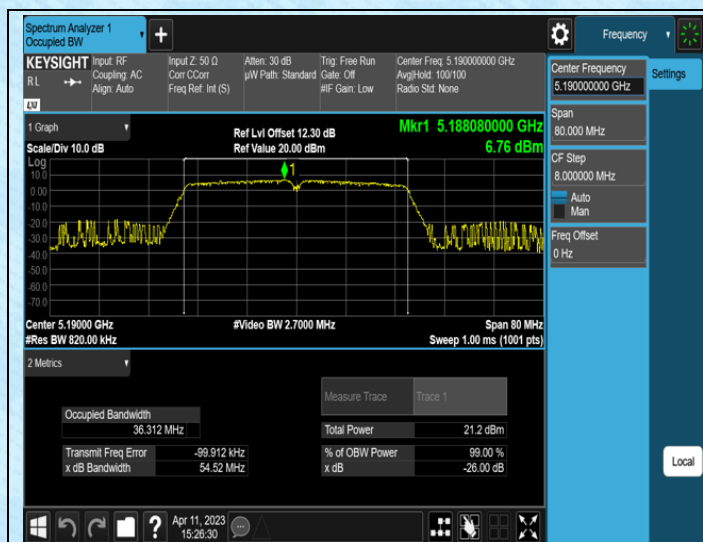


AppendixA2: Occupied channel bandwidth**Test Result**

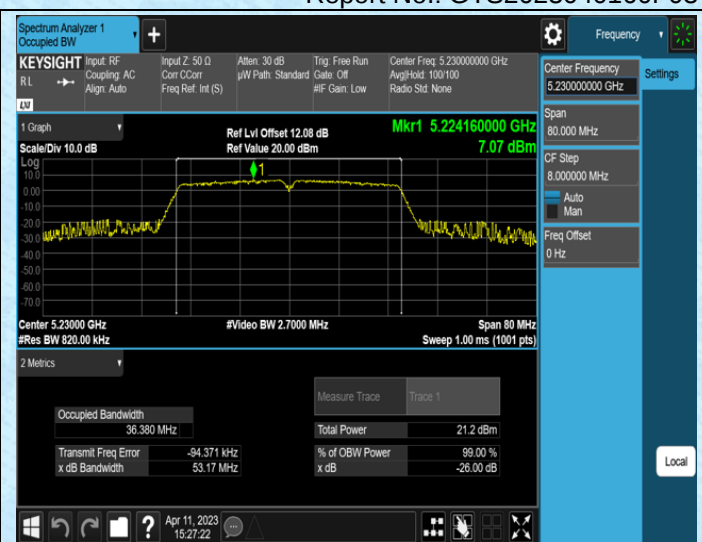
Test Mode	Antenna	Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	16.817	5171.5243	5188.3413	---	---
11A	Ant1	5200	6Mbps	16.792	5191.5739	5208.3659	---	---
11A	Ant1	5240	6Mbps	16.930	5231.4823	5248.4123	---	---
11N20SISO	Ant1	5180	MCS0	17.827	5171.0215	5188.8485	---	---
11N20SISO	Ant1	5200	MCS0	17.786	5191.0516	5208.8376	---	---
11N20SISO	Ant1	5240	MCS0	17.818	5231.0478	5248.8658	---	---
11N40SISO	Ant1	5190	MCS0	36.312	5171.7441	5208.0561	---	---
11N40SISO	Ant1	5230	MCS0	36.380	5211.7156	5248.0956	---	---

Test Graphs





11N40SISO-Ant1-5190

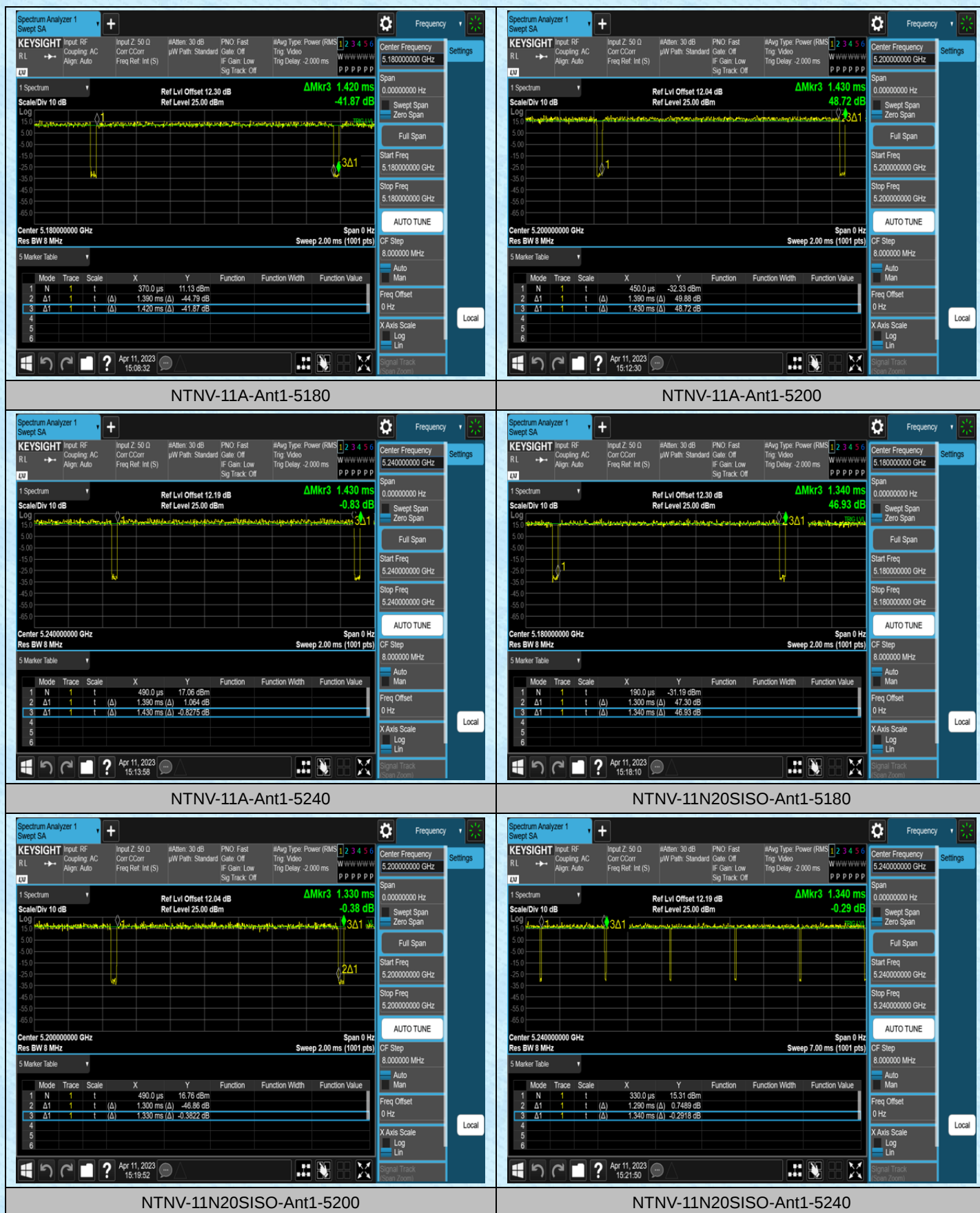


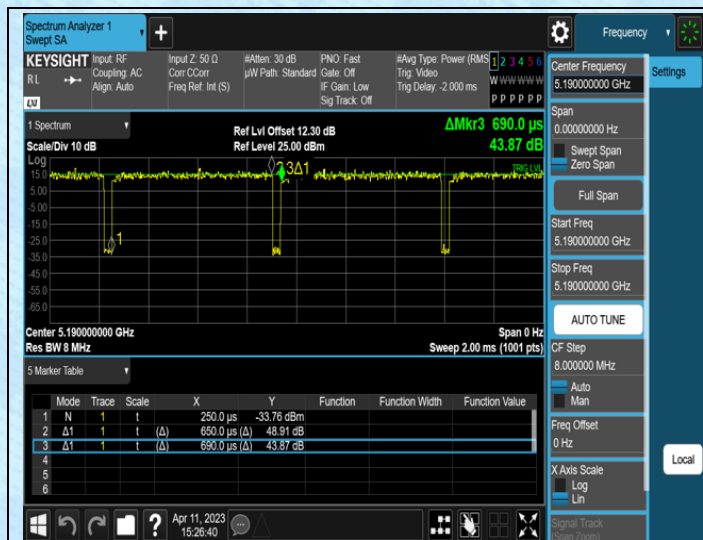
11N40SISO-Ant1-5230

AppendixB: Duty Cycle**Test Result**

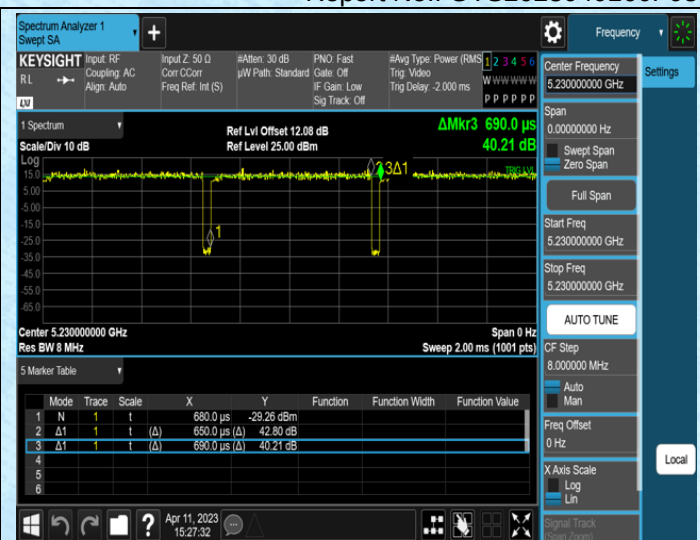
Test Mode	Antenna	Frequency[MHz]	Rate	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	6Mbps	1.39	1.42	97.89
11A	Ant1	5200	6Mbps	1.39	1.43	97.20
11A	Ant1	5240	6Mbps	1.39	1.43	97.20
11N20SISO	Ant1	5180	MCS0	1.30	1.34	97.01
11N20SISO	Ant1	5200	MCS0	1.30	1.33	97.74
11N20SISO	Ant1	5240	MCS0	1.29	1.34	96.27
11N40SISO	Ant1	5190	MCS0	0.65	0.69	94.20
11N40SISO	Ant1	5230	MCS0	0.65	0.69	94.20

Test Graphs





NTNV-11N40SISO-Ant1-5190



NTNV-11N40SISO-Ant1-5230

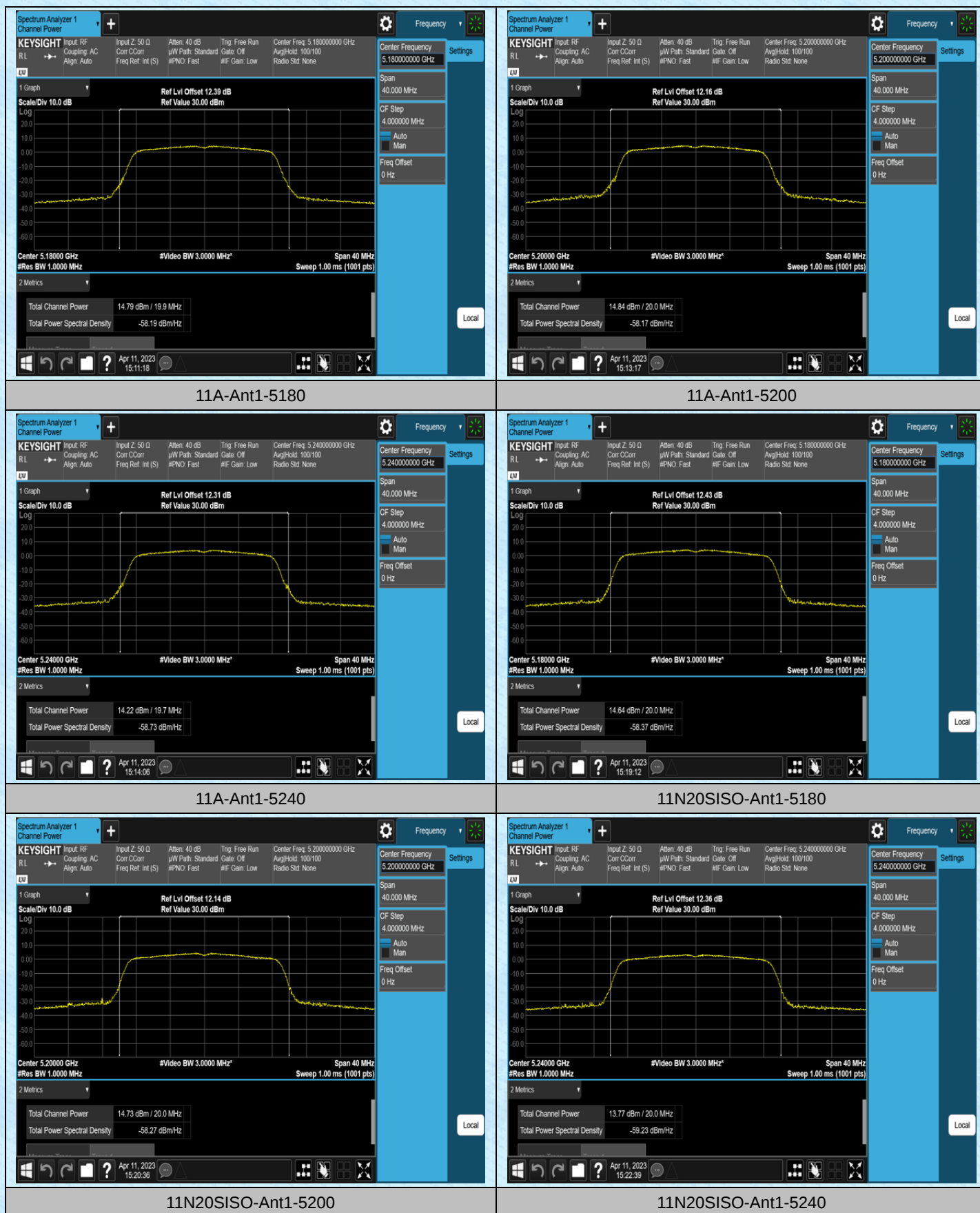
AppendixC: Maximum conducted output power

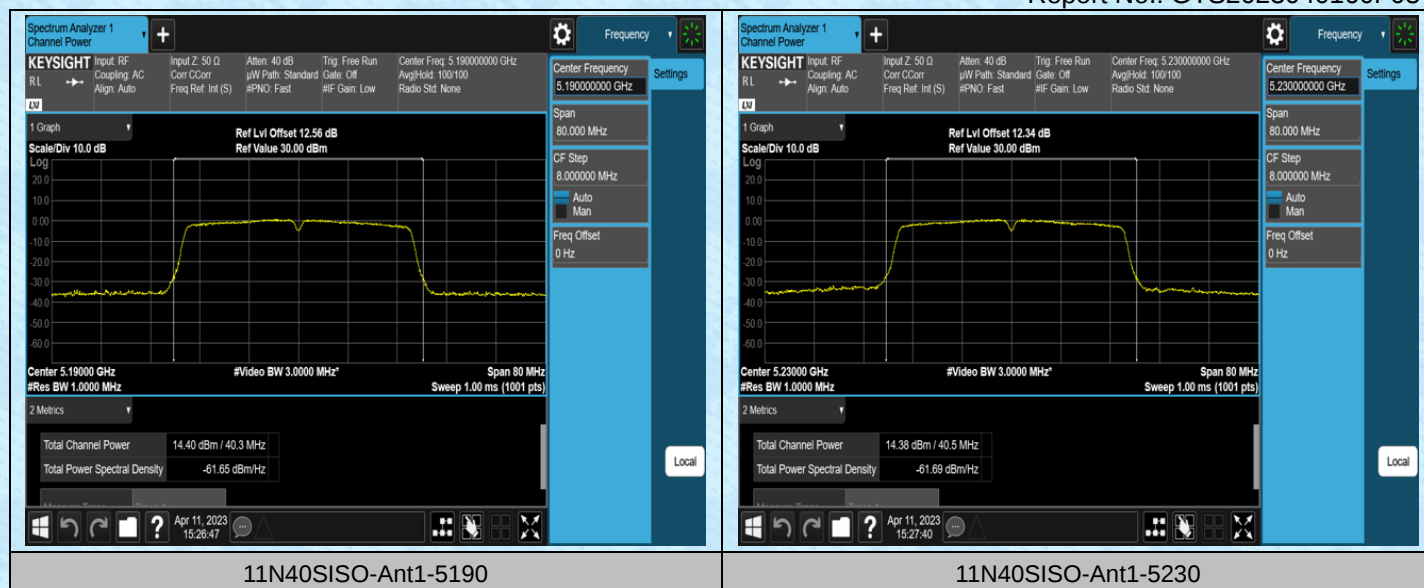
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Rate	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	6Mbps	14.70	97.89	0.09	14.79	≤23.98	2.27	17.06	---	PASS
11A	Ant1	5200	6Mbps	14.72	97.20	0.12	14.84	≤23.98	2.27	17.11	---	PASS
11A	Ant1	5240	6Mbps	14.10	97.20	0.12	14.22	≤23.98	2.27	16.49	---	PASS
11N20SISO	Ant1	5180	MCS0	14.51	97.01	0.13	14.64	≤23.98	2.27	16.91	---	PASS
11N20SISO	Ant1	5200	MCS0	14.63	97.74	0.10	14.73	≤23.98	2.27	17.00	---	PASS
11N20SISO	Ant1	5240	MCS0	13.60	96.27	0.17	13.77	≤23.98	2.27	16.04	---	PASS
11N40SISO	Ant1	5190	MCS0	14.14	94.20	0.26	14.40	≤23.98	2.27	16.67	---	PASS
11N40SISO	Ant1	5230	MCS0	14.12	94.20	0.26	14.38	≤23.98	2.27	16.65	---	PASS

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

Test Graphs Channel Power





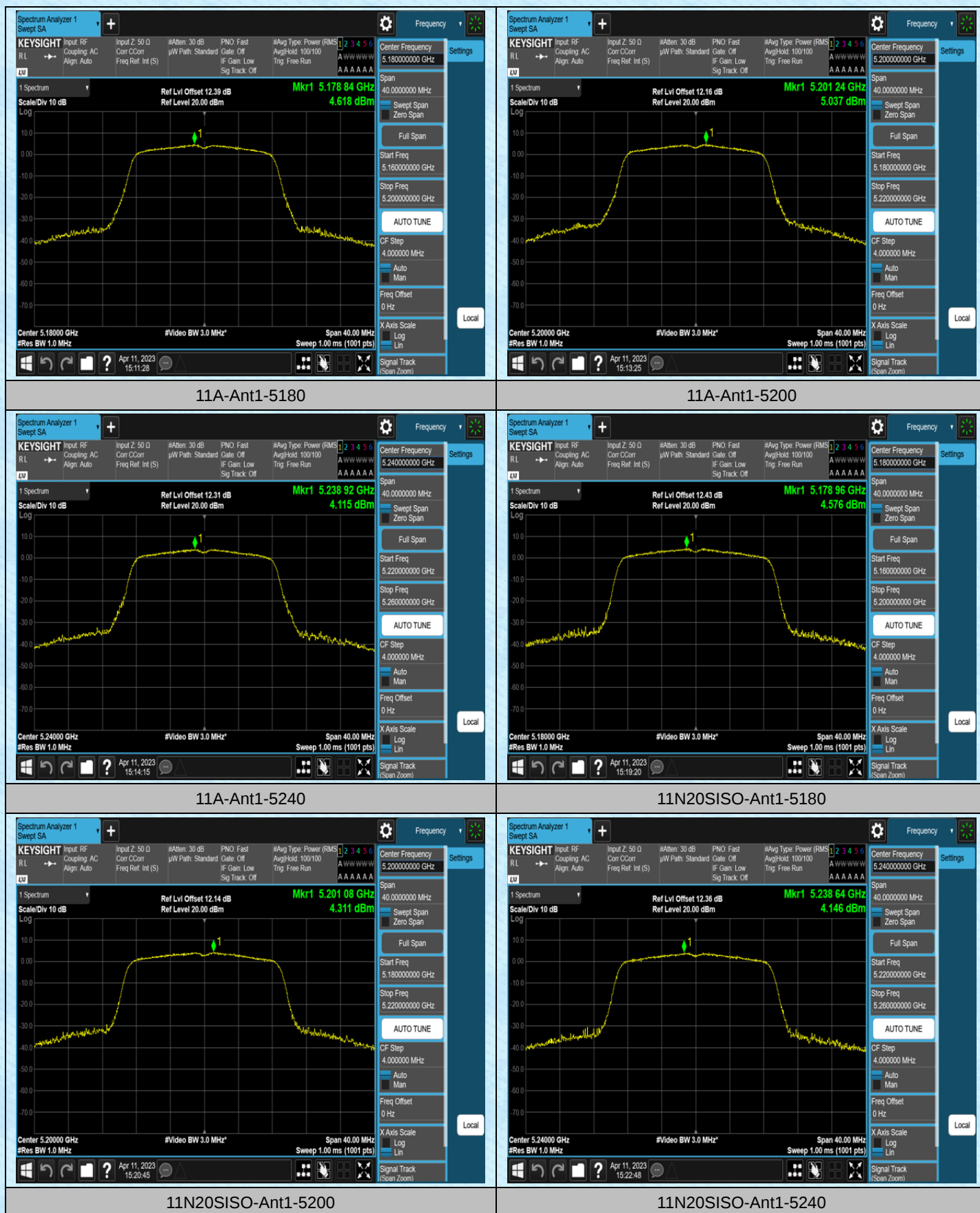
AppendixD: Maximum power spectral density

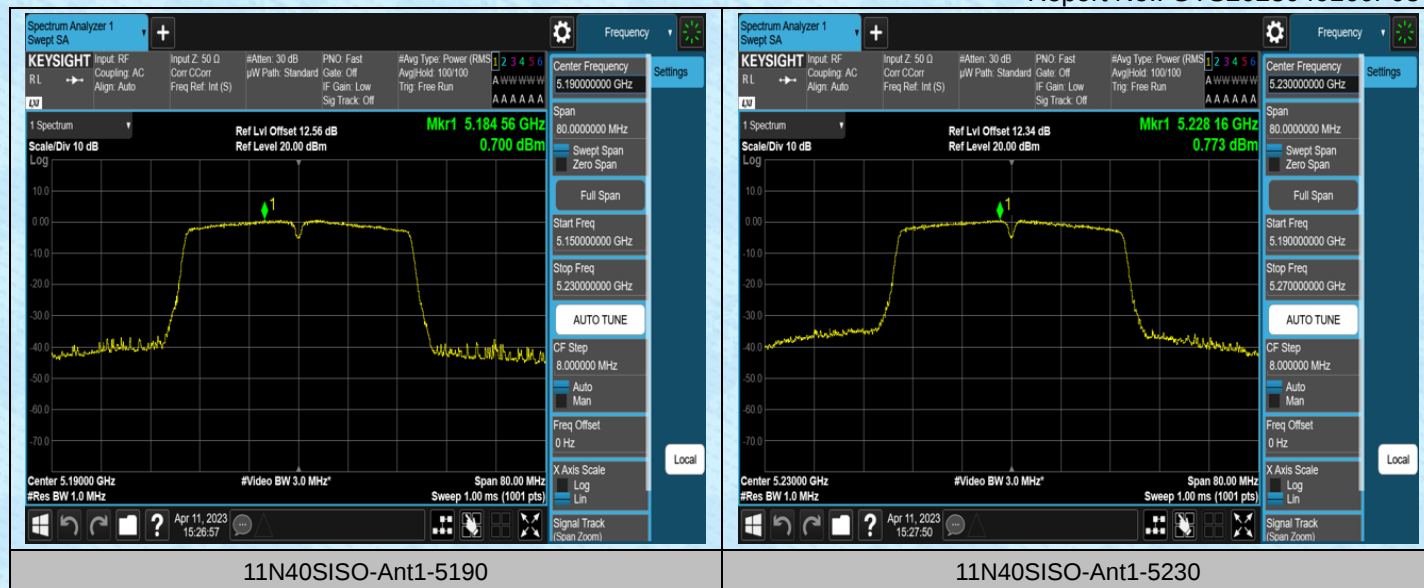
Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6Mbps	4.62	≤11.00	PASS
11A	Ant1	5200	6Mbps	5.04	≤11.00	PASS
11A	Ant1	5240	6Mbps	4.12	≤11.00	PASS
11N20SISO	Ant1	5180	MCS0	4.58	≤11.00	PASS
11N20SISO	Ant1	5200	MCS0	4.31	≤11.00	PASS
11N20SISO	Ant1	5240	MCS0	4.15	≤11.00	PASS
11N40SISO	Ant1	5190	MCS0	0.70	≤11.00	PASS
11N40SISO	Ant1	5230	MCS0	0.77	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs





AppendixE: Frequency Stability

Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	102	5180.012	5150 to 5250	Pass
Carrier Wave	SISO	5180	-50	120	5180.010	5150 to 5250	Pass
Carrier Wave	SISO	5180	-40	138	5180.008	5150 to 5250	Pass
Carrier Wave	SISO	5180	-30	120	5180.007	5150 to 5250	Pass
Carrier Wave	SISO	5180	-20	120	5180.005	5150 to 5250	Pass
Carrier Wave	SISO	5180	-10	120	5180.005	5150 to 5250	Pass
Carrier Wave	SISO	5180	0	120	5180.003	5150 to 5250	Pass
Carrier Wave	SISO	5180	10	120	5180.003	5150 to 5250	Pass
Carrier Wave	SISO	5180	30	120	5180.003	5150 to 5250	Pass
Carrier Wave	SISO	5180	40	120	5180.002	5150 to 5250	Pass
Carrier Wave	SISO	5180	50	120	5180.002	5150 to 5250	Pass
Carrier Wave	SISO	5200	20	102	5200.002	5150 to 5250	Pass
Carrier Wave	SISO	5200	-50	120	5200.003	5150 to 5250	Pass
Carrier Wave	SISO	5200	-40	138	5200.005	5150 to 5250	Pass
Carrier Wave	SISO	5200	-30	120	5200.007	5150 to 5250	Pass
Carrier Wave	SISO	5200	-20	120	5200.009	5150 to 5250	Pass
Carrier Wave	SISO	5200	-10	120	5200.011	5150 to 5250	Pass
Carrier Wave	SISO	5200	0	120	5200.013	5150 to 5250	Pass
Carrier Wave	SISO	5200	10	120	5200.016	5150 to 5250	Pass
Carrier Wave	SISO	5200	30	120	5200.018	5150 to 5250	Pass
Carrier Wave	SISO	5200	40	120	5200.020	5150 to 5250	Pass
Carrier Wave	SISO	5200	50	120	5200.023	5150 to 5250	Pass
Carrier Wave	SISO	5240	20	102	5240.031	5150 to 5250	Pass
Carrier Wave	SISO	5240	-50	120	5240.034	5150 to 5250	Pass
Carrier Wave	SISO	5240	-40	138	5240.036	5150 to 5250	Pass
Carrier Wave	SISO	5240	-30	120	5240.038	5150 to 5250	Pass
Carrier Wave	SISO	5240	-20	120	5240.040	5150 to 5250	Pass
Carrier Wave	SISO	5240	-10	120	5240.042	5150 to 5250	Pass
Carrier Wave	SISO	5240	0	120	5240.043	5150 to 5250	Pass
Carrier Wave	SISO	5240	10	120	5240.045	5150 to 5250	Pass
Carrier Wave	SISO	5240	30	120	5240.046	5150 to 5250	Pass
Carrier Wave	SISO	5240	40	120	5240.047	5150 to 5250	Pass
Carrier Wave	SISO	5240	50	120	5240.049	5150 to 5250	Pass
Carrier Wave	SISO	5190	20	102	5190.059	5150 to 5250	Pass
Carrier Wave	SISO	5190	-50	120	5190.060	5150 to 5250	Pass
Carrier Wave	SISO	5190	-40	138	5190.060	5150 to 5250	Pass

Carrier Wave	SISO	5190	-30	120	5190.062	5150 to 5250	Pass
Carrier Wave	SISO	5190	-20	120	5190.062	5150 to 5250	Pass
Carrier Wave	SISO	5190	-10	120	5190.063	5150 to 5250	Pass
Carrier Wave	SISO	5190	0	120	5190.064	5150 to 5250	Pass
Carrier Wave	SISO	5190	10	120	5190.064	5150 to 5250	Pass
Carrier Wave	SISO	5190	30	120	5190.065	5150 to 5250	Pass
Carrier Wave	SISO	5190	40	120	5190.065	5150 to 5250	Pass
Carrier Wave	SISO	5190	50	120	5190.066	5150 to 5250	Pass
Carrier Wave	SISO	5230	20	102	5230.069	5150 to 5250	Pass
Carrier Wave	SISO	5230	-50	120	5230.070	5150 to 5250	Pass
Carrier Wave	SISO	5230	-40	138	5230.070	5150 to 5250	Pass
Carrier Wave	SISO	5230	-30	120	5230.071	5150 to 5250	Pass
Carrier Wave	SISO	5230	-20	120	5230.071	5150 to 5250	Pass
Carrier Wave	SISO	5230	-10	120	5230.071	5150 to 5250	Pass
Carrier Wave	SISO	5230	0	120	5230.072	5150 to 5250	Pass
Carrier Wave	SISO	5230	10	120	5230.072	5150 to 5250	Pass
Carrier Wave	SISO	5230	30	120	5230.072	5150 to 5250	Pass
Carrier Wave	SISO	5230	40	120	5230.073	5150 to 5250	Pass
Carrier Wave	SISO	5230	50	120	5230.073	5150 to 5250	Pass
Carrier Wave	SISO	5210	20	102	5210.073	5150 to 5250	Pass
Carrier Wave	SISO	5210	-50	120	5210.073	5150 to 5250	Pass
Carrier Wave	SISO	5210	-40	138	5210.074	5150 to 5250	Pass
Carrier Wave	SISO	5210	-30	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	-20	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	-10	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	0	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	10	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	30	120	5210.075	5150 to 5250	Pass
Carrier Wave	SISO	5210	40	120	5210.074	5150 to 5250	Pass
Carrier Wave	SISO	5210	50	120	5210.073	5150 to 5250	Pass

-----End-----