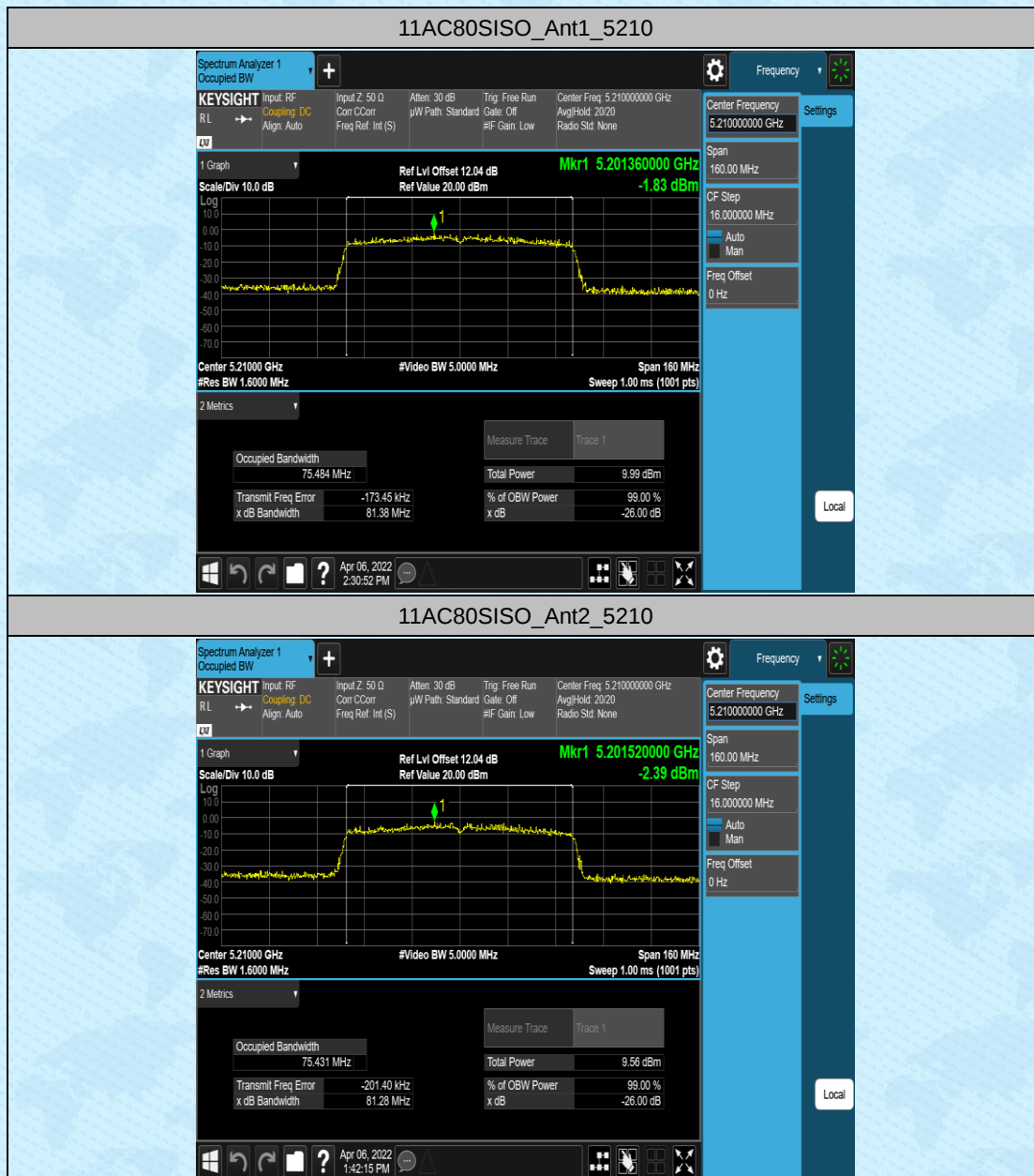






AppendixB: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	14.18	≤23.98	PASS
	Ant2	5180	13.61	≤23.98	PASS
	Ant1	5200	13.69	≤23.98	PASS
	Ant2	5200	13.20	≤23.98	PASS
	Ant1	5240	13.24	≤23.98	PASS
	Ant2	5240	13.11	≤23.98	PASS
11N20MIMO	Ant1	5180	10.00	≤23.98	PASS
	Ant2	5180	9.50	≤23.98	PASS
	total	5180	12.77	≤23.98	PASS
	Ant1	5200	10.41	≤23.98	PASS
	Ant2	5200	9.00	≤23.98	PASS
	total	5200	12.77	≤23.98	PASS
	Ant1	5240	10.09	≤23.98	PASS
	Ant2	5240	9.47	≤23.98	PASS
	total	5240	12.80	≤23.98	PASS
11N40MIMO	Ant1	5190	9.73	≤23.98	PASS
	Ant2	5190	10.32	≤23.98	PASS
	total	5190	13.05	≤23.98	PASS
	Ant1	5230	9.78	≤23.98	PASS
	Ant2	5230	9.72	≤23.98	PASS
	total	5230	12.76	≤23.98	PASS
11AC20MIMO	Ant1	5180	9.94	≤23.98	PASS
	Ant2	5180	9.48	≤23.98	PASS
	total	5180	12.73	≤23.98	PASS
	Ant1	5200	9.33	≤23.98	PASS
	Ant2	5200	9.12	≤23.98	PASS
	total	5200	12.24	≤23.98	PASS
	Ant1	5240	10.23	≤23.98	PASS
	Ant2	5240	9.72	≤23.98	PASS
11AC40MIMO	total	5240	12.99	≤23.98	PASS
	Ant1	5190	9.79	≤23.98	PASS
	Ant2	5190	9.57	≤23.98	PASS
	total	5190	12.69	≤23.98	PASS
	Ant1	5230	9.76	≤23.98	PASS
	Ant2	5230	10.35	≤23.98	PASS
11AC40MIMO	total	5230	13.08	≤23.98	PASS

11AC80MIMO	Ant1	5210	9.42	≤23.98	PASS
	Ant2	5210	10.01	≤23.98	PASS
	total	5210	12.74	≤23.98	PASS

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

Transmit signals are completely correlated

Directional gain = $G_{ANT} + 10 \cdot \log 2 = 6.01$

AppendixC: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-4.62	≤ 11.00	PASS
	Ant2	5180	-5.21	≤ 11.00	PASS
	Ant1	5200	-4.64	≤ 11.00	PASS
	Ant2	5200	-6.53	≤ 11.00	PASS
	Ant1	5240	-5.29	≤ 11.00	PASS
	Ant2	5240	-6.84	≤ 11.00	PASS
11N20MIMO	Ant1	5180	-7.51	≤ 11.00	PASS
	Ant2	5180	-8.64	≤ 11.00	PASS
	total	5180	-5.03	≤ 10.99	PASS
	Ant1	5200	-6.8	≤ 11.00	PASS
	Ant2	5200	-9.42	≤ 11.00	PASS
	total	5200	-4.91	≤ 10.99	PASS
	Ant1	5240	-6.97	≤ 11.00	PASS
	Ant2	5240	-10.13	≤ 11.00	PASS
	total	5240	-5.26	≤ 10.99	PASS
11N40MIMO	Ant1	5190	-9.82	≤ 11.00	PASS
	Ant2	5190	-11.33	≤ 11.00	PASS
	total	5190	-7.50	≤ 10.99	PASS
	Ant1	5230	-11.22	≤ 11.00	PASS
	Ant2	5230	-12.46	≤ 11.00	PASS
	total	5230	-8.79	≤ 10.99	PASS
11AC20MIMO	Ant1	5180	-6.28	≤ 11.00	PASS
	Ant2	5180	-8.86	≤ 11.00	PASS
	total	5180	-4.37	≤ 10.99	PASS
	Ant1	5200	-7.54	≤ 11.00	PASS
	Ant2	5200	-8.91	≤ 11.00	PASS
	total	5200	-5.16	≤ 10.99	PASS
	Ant1	5240	-7.34	≤ 11.00	PASS
	Ant2	5240	-9.92	≤ 11.00	PASS
	total	5240	-5.43	≤ 10.99	PASS
11AC40MIMO	Ant1	5190	-9.63	≤ 11.00	PASS
	Ant2	5190	-11.9	≤ 11.00	PASS
	total	5190	-7.61	≤ 10.99	PASS
	Ant1	5230	-10.54	≤ 11.00	PASS
	Ant2	5230	-12.72	≤ 11.00	PASS
	total	5230	-8.48	≤ 10.99	PASS

11AC80MIM O	Ant1	5210	-13.56	≤ 11.00	PASS
	Ant2	5210	-14.84	≤ 11.00	PASS
	total	5210	-11.14	≤ 10.99	PASS

Note: 1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





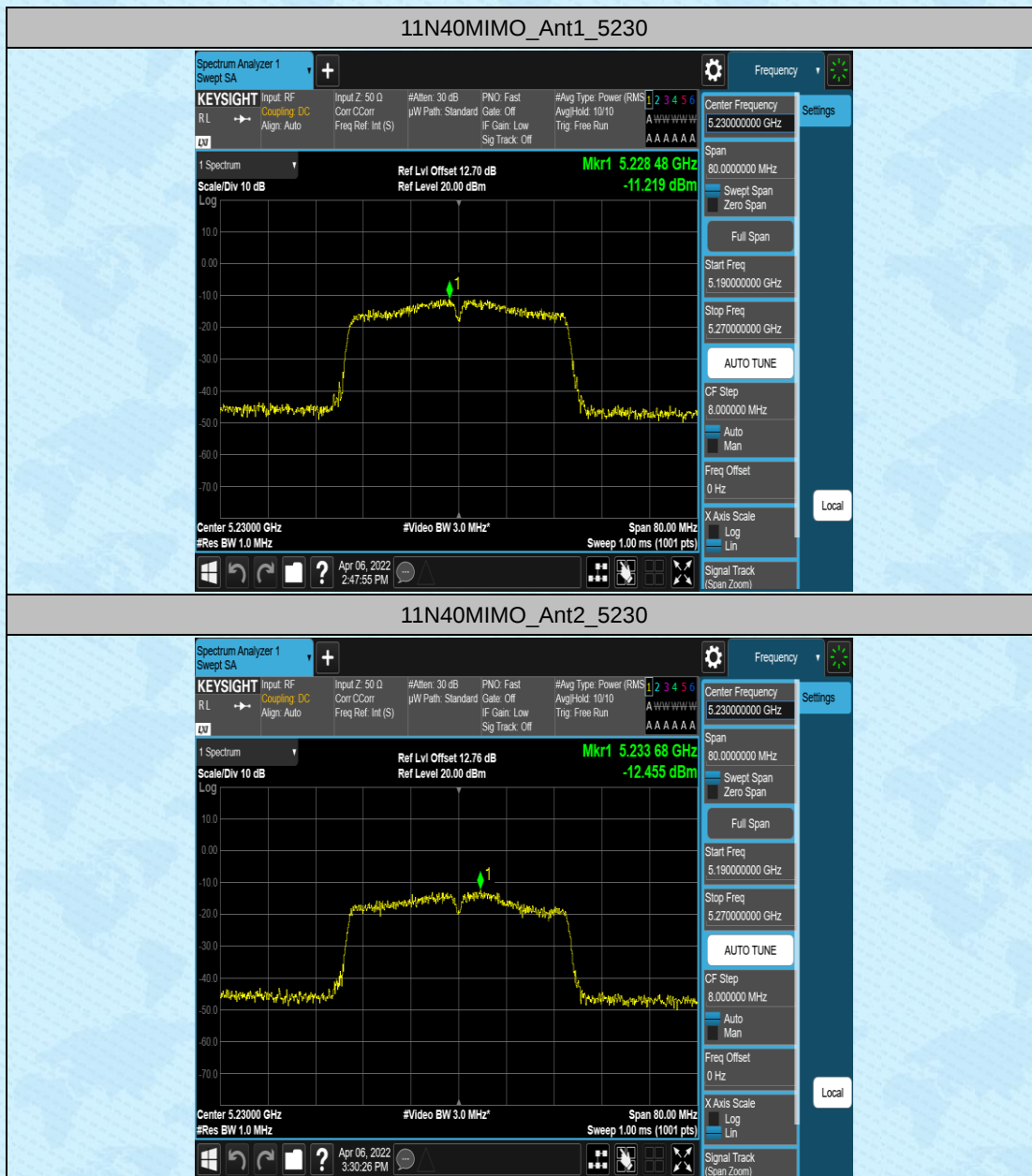
























AppendixD:Frequency Stability**Test Result**

Test Condition	Test Mode	Test Frequency[MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	Carrier	5180	1	-6.92	<=20	PASS
		5190	1	-7.98	<=20	PASS
		5200	1	-6.63	<=20	PASS
		5210	1	-6.87	<=20	PASS
		5230	1	-6.35	<=20	PASS
		5240	1	-5.88	<=20	PASS

AppendixE: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	1.39	1.50	92.67	---	---
	Ant2	5180	1.39	1.50	92.67	---	---
	Ant1	5200	1.38	1.49	92.62	---	---
	Ant2	5200	1.39	1.50	92.67	---	---
	Ant1	5240	1.39	1.50	92.67	---	---
	Ant2	5240	1.39	1.50	92.67	---	---
11N20MIM O	Ant1	5180	1.30	1.40	92.86	---	---
	Ant2	5180	1.30	1.41	92.20	---	---
	Ant1	5200	1.30	1.41	92.20	---	---
	Ant2	5200	1.30	1.41	92.20	---	---
	Ant1	5240	1.29	1.41	91.49	---	---
	Ant2	5240	1.30	1.41	92.20	---	---
11N40MIM O	Ant1	5190	0.65	0.76	85.53	---	---
	Ant2	5190	0.65	0.76	85.53	---	---
	Ant1	5230	0.65	0.75	86.67	---	---
	Ant2	5230	0.65	0.76	85.53	---	---
11AC20MI MO	Ant1	5180	1.31	1.42	92.25	---	---
	Ant2	5180	1.31	1.41	92.91	---	---
	Ant1	5200	1.31	1.42	92.25	---	---
	Ant2	5200	1.31	1.42	92.25	---	---
	Ant1	5240	1.31	1.42	92.25	---	---
	Ant2	5240	1.31	1.42	92.25	---	---
11AC40MI MO	Ant1	5190	0.65	0.76	85.53	---	---
	Ant2	5190	0.65	0.76	85.53	---	---
	Ant1	5230	0.66	0.76	86.84	---	---
	Ant2	5230	0.65	0.76	85.53	---	---
11AC80MI MO	Ant1	5210	0.33	0.44	75.00	---	---
	Ant2	5210	0.32	0.43	74.42	---	---

Test Graphs

