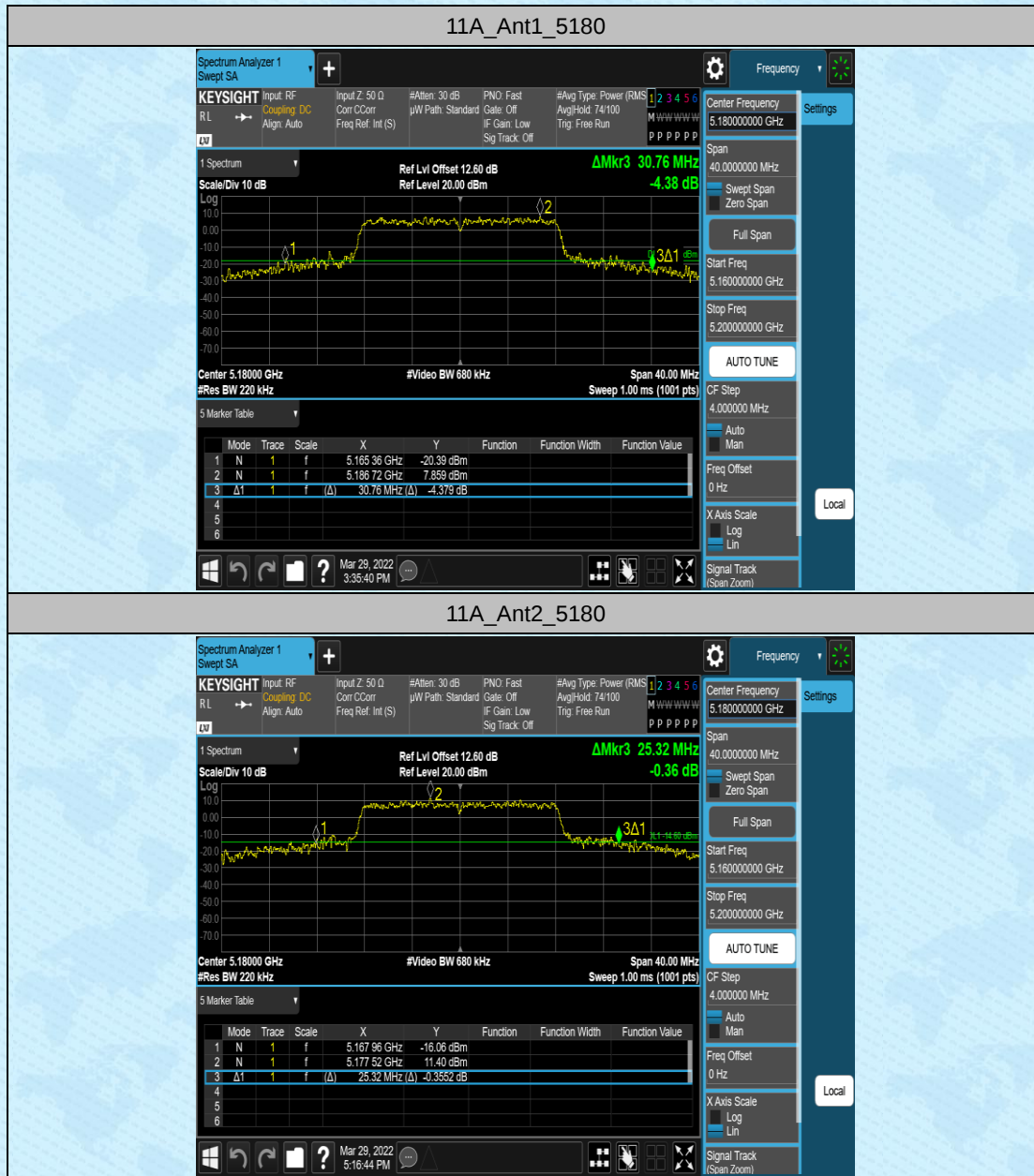


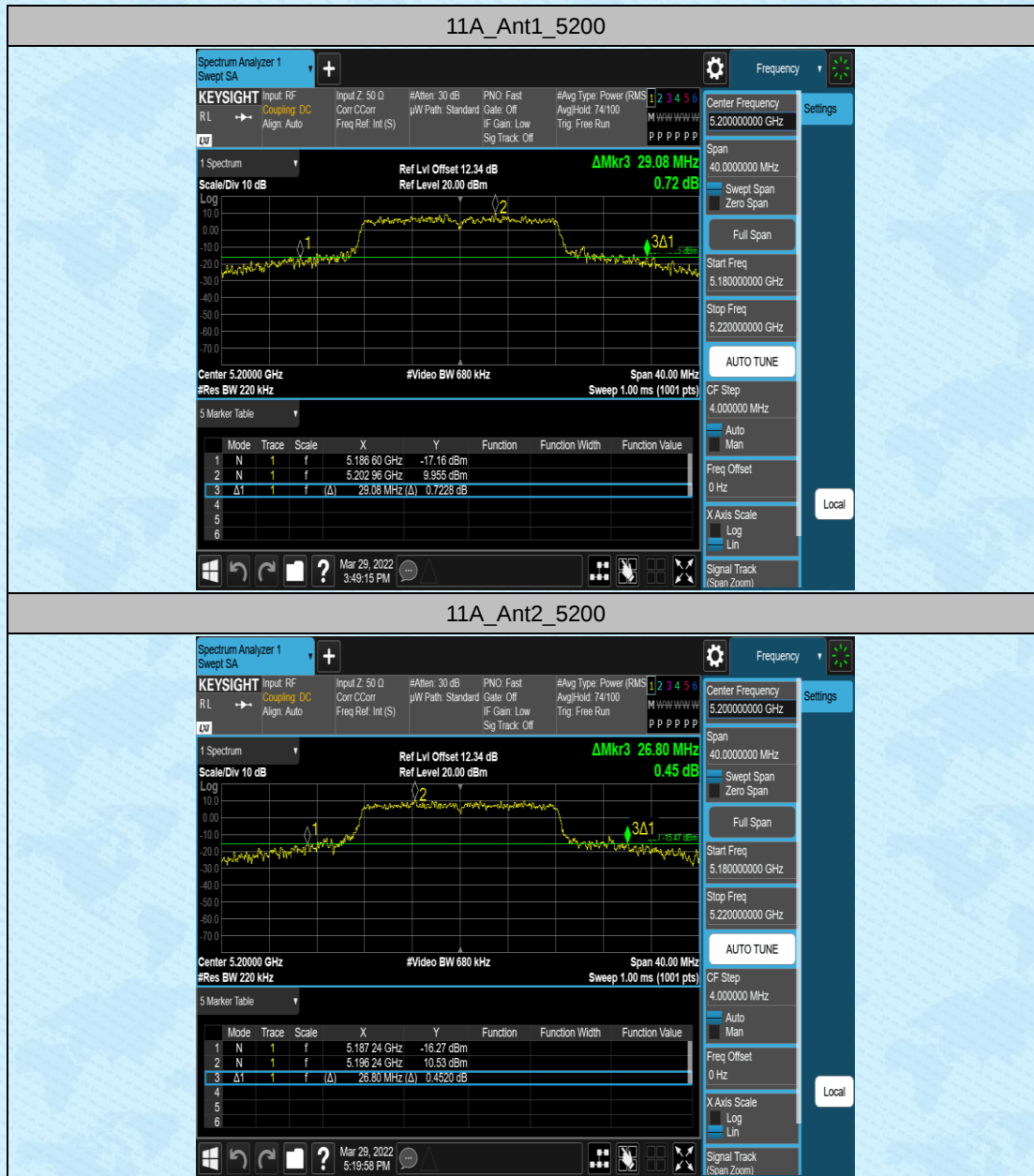
AppendixA1: Emission Bandwidth

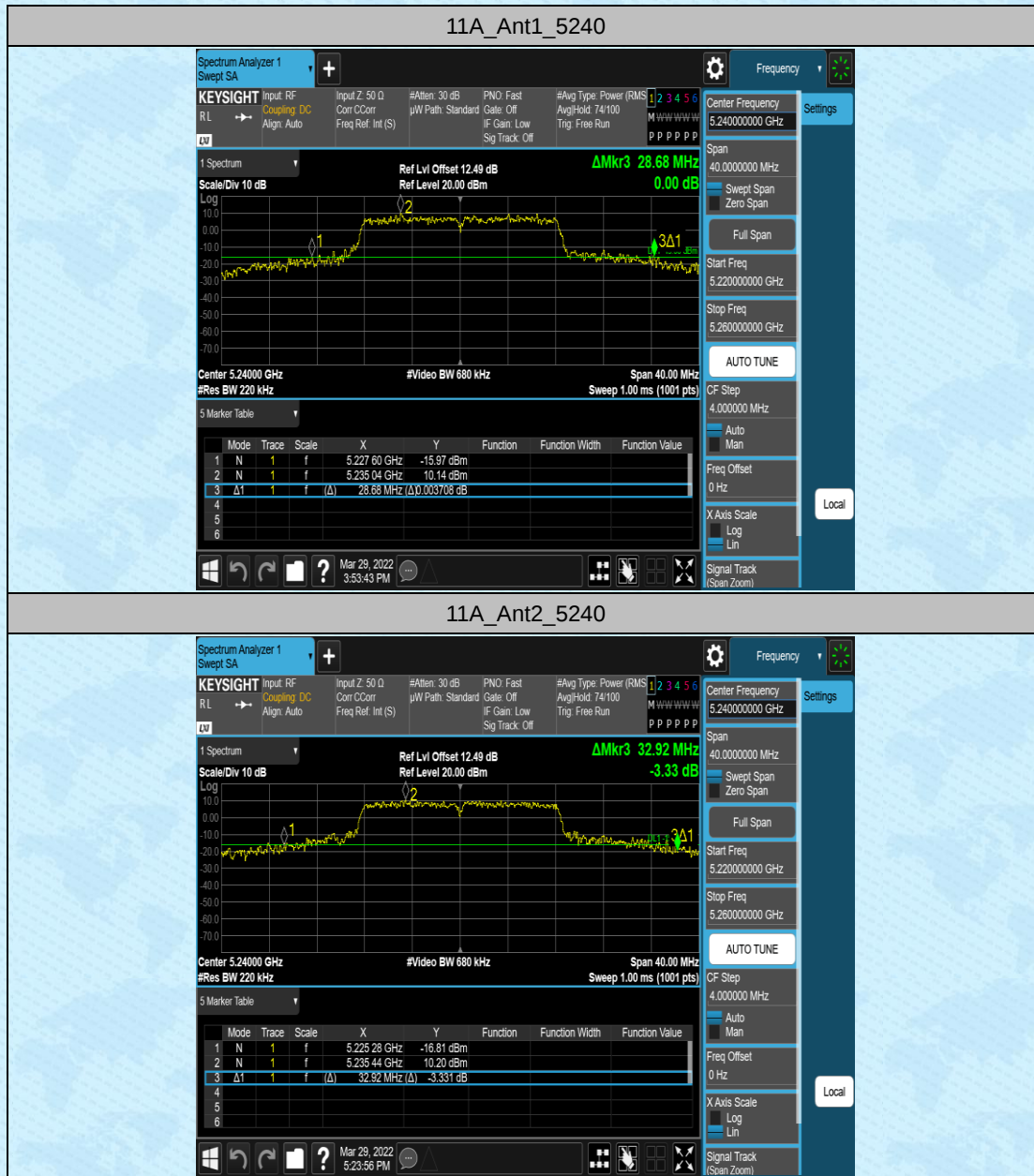
Test Result

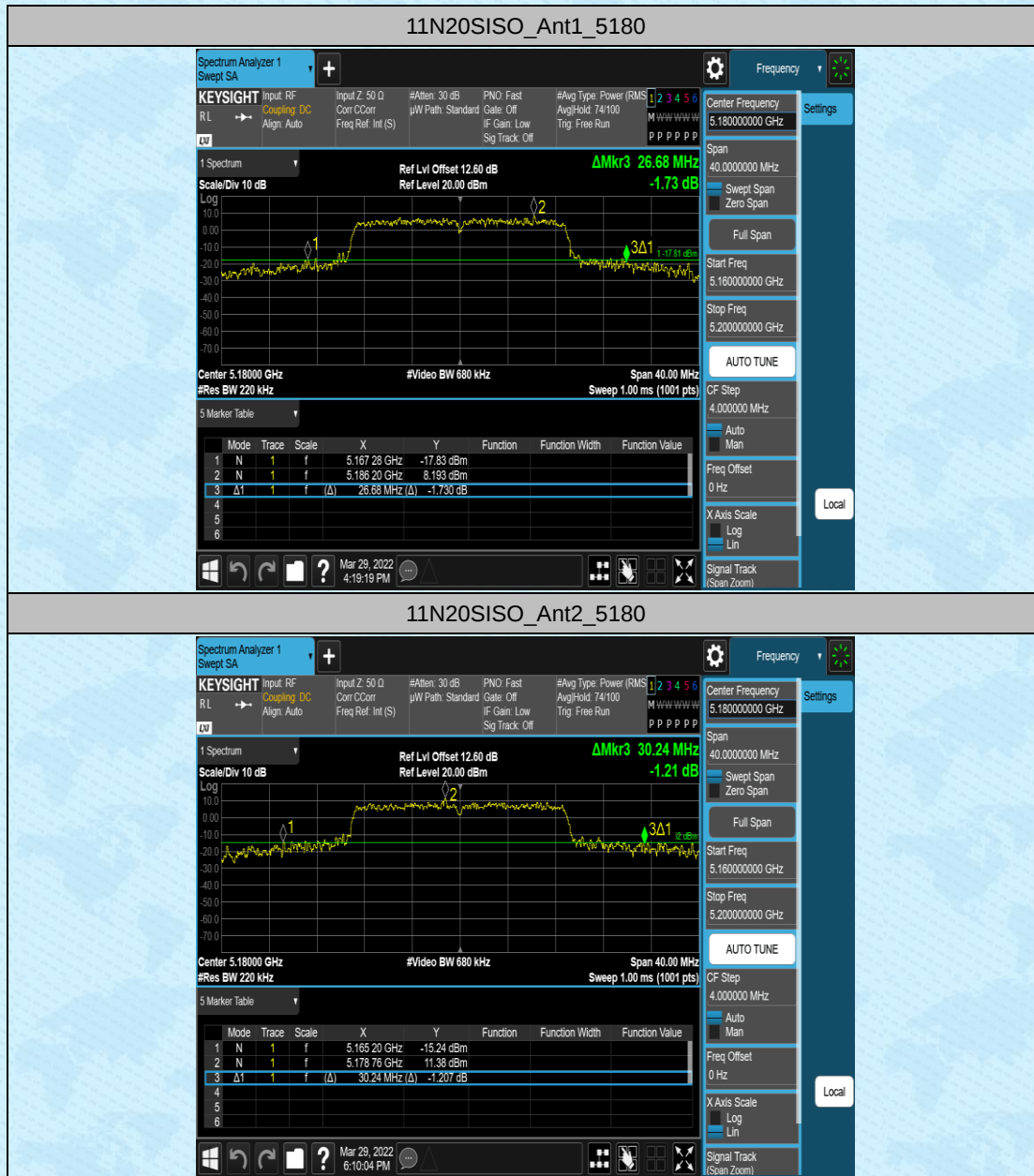
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	30.760	5165.360	5196.120	---	---
	Ant2	5180	25.320	5167.960	5193.280	---	---
	Ant1	5200	29.080	5186.600	5215.680	---	---
	Ant2	5200	26.800	5187.240	5214.040	---	---
	Ant1	5240	28.680	5227.600	5256.280	---	---
	Ant2	5240	32.920	5225.280	5258.200	---	---
11N20SI SO	Ant1	5180	26.680	5167.280	5193.960	---	---
	Ant2	5180	30.240	5165.200	5195.440	---	---
	Ant1	5200	27.800	5185.680	5213.480	---	---
	Ant2	5200	35.960	5180.720	5216.680	---	---
	Ant1	5240	27.600	5227.440	5255.040	---	---
	Ant2	5240	36.280	5220.280	5256.560	---	---
11N40SI SO	Ant1	5190	55.920	5162.000	5217.920	---	---
	Ant2	5190	62.880	5161.920	5224.800	---	---
	Ant1	5230	62.000	5201.600	5263.600	---	---
	Ant2	5230	71.920	5192.160	5264.080	---	---

Test Graphs

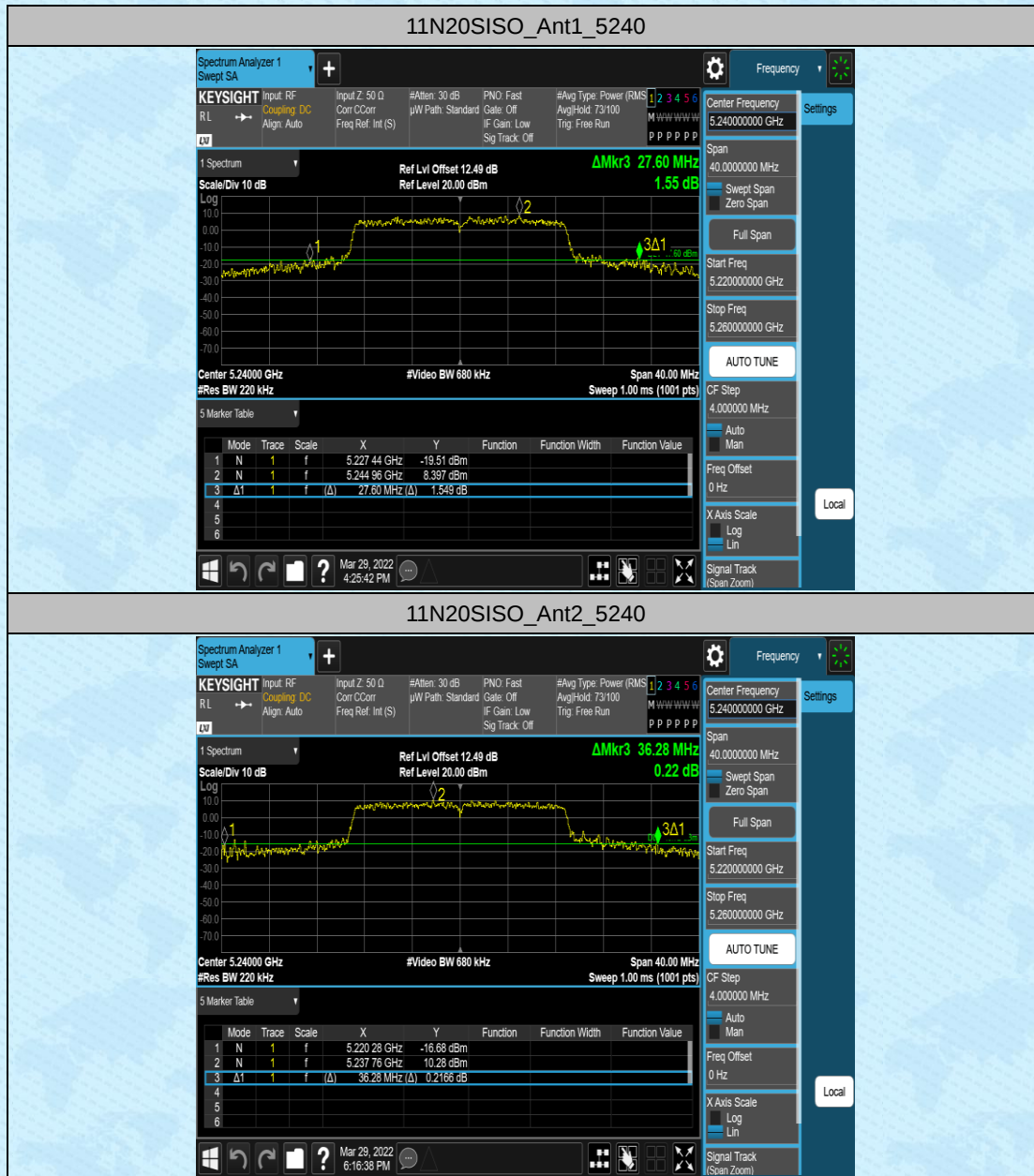


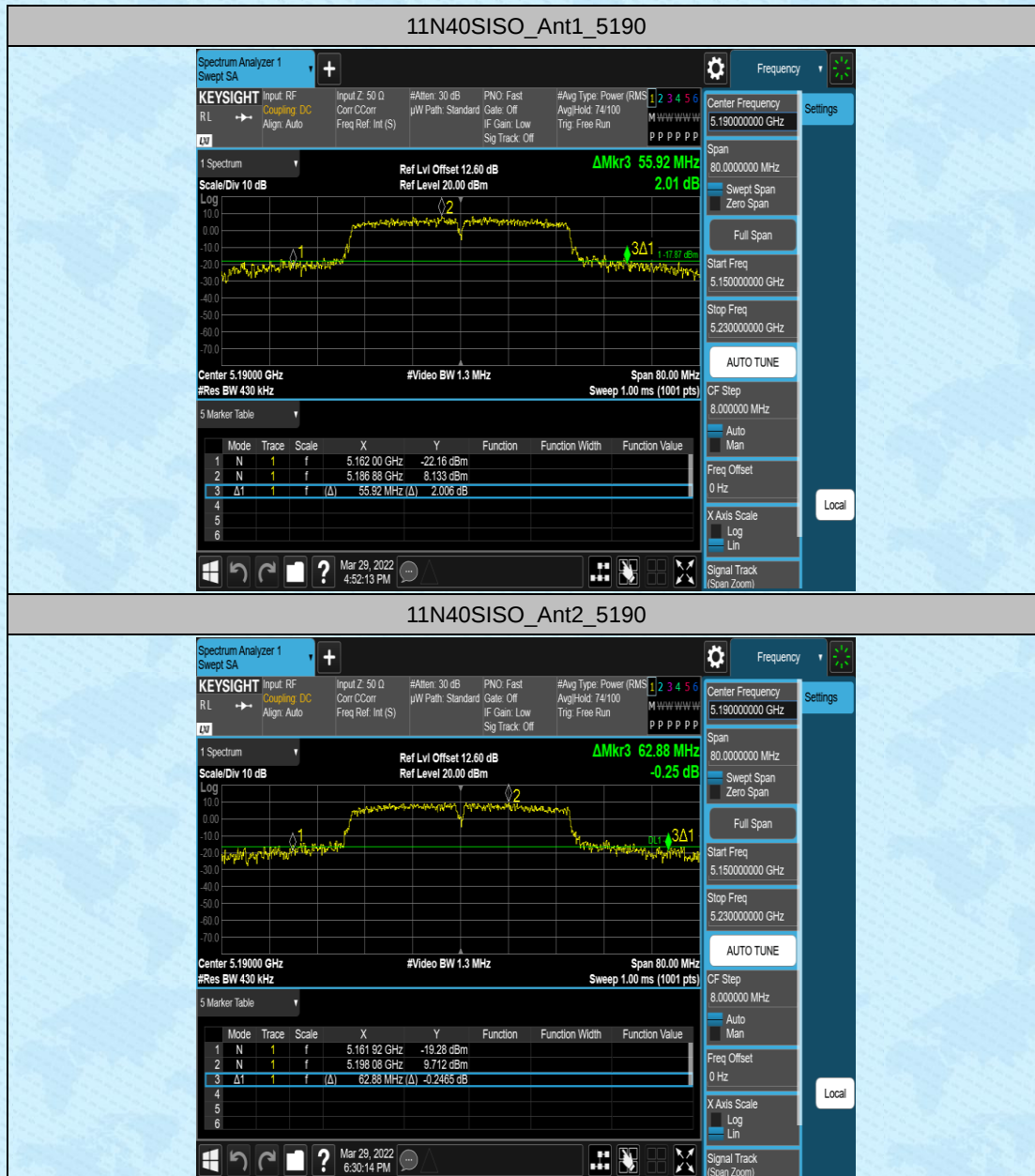


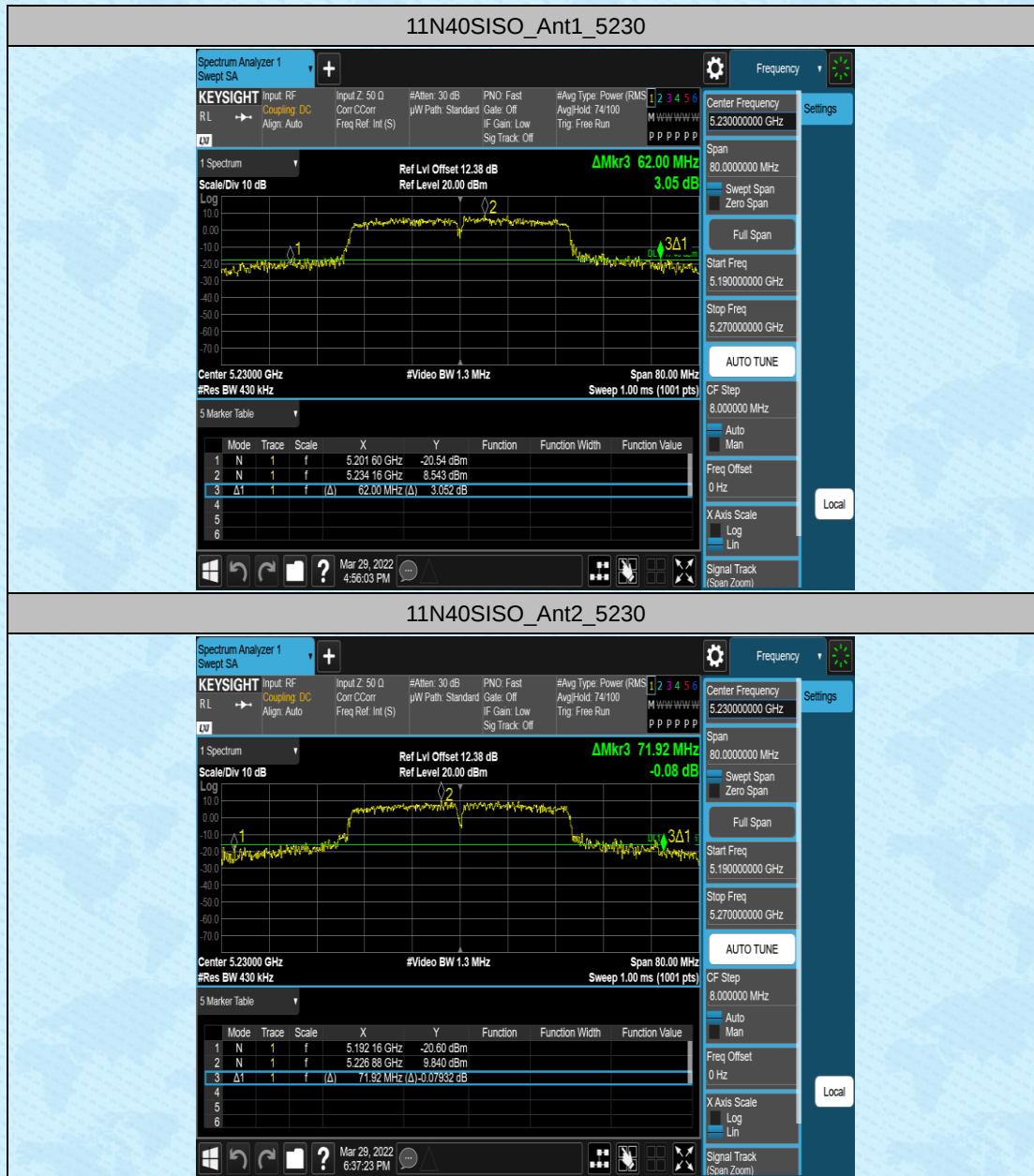












AppendixA2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.829	5171.599	5188.428	---	---
	Ant2	5180	16.944	5171.571	5188.515	---	---
	Ant1	5200	17.146	5191.475	5208.621	---	---
	Ant2	5200	16.906	5191.607	5208.513	---	---
	Ant1	5240	17.197	5231.523	5248.720	---	---
	Ant2	5240	17.966	5231.434	5249.400	---	---
11N20SI SO	Ant1	5180	17.806	5171.116	5188.922	---	---
	Ant2	5180	18.128	5170.962	5189.090	---	---
	Ant1	5200	17.824	5191.100	5208.924	---	---
	Ant2	5200	17.975	5191.042	5209.017	---	---
	Ant1	5240	17.884	5231.111	5248.995	---	---
	Ant2	5240	17.974	5231.058	5249.032	---	---
11N40SI SO	Ant1	5190	36.418	5171.836	5208.254	---	---
	Ant2	5190	36.707	5171.693	5208.400	---	---
	Ant1	5230	36.685	5211.684	5248.369	---	---
	Ant2	5230	36.658	5211.664	5248.322	---	---

Test Graphs

















AppendixB: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result [dBm]	Limit [dBm]	EIRP [dBm]	ERP [dBm]	Verdict
11A	Ant1	5180	12.78	≤23.98	15.78	13.63	PASS
	Ant2	5180	14.23	≤23.98	17.23	15.08	PASS
	Ant1	5200	13.89	≤23.98	16.89	14.74	PASS
	Ant2	5200	15.70	≤23.98	18.70	16.55	PASS
	Ant1	5240	13.69	≤23.98	15.69	13.54	PASS
	Ant2	5240	15.48	≤23.98	18.48	16.33	PASS
11N20MIMO	Ant1	5180	12.15	≤23.98	15.15	13.00	PASS
	Ant2	5180	11.31	≤23.98	14.31	12.16	PASS
	total	5180	14.76	≤23.98	20.77	18.62	PASS
	Ant1	5200	12.53	≤23.98	15.53	13.38	PASS
	Ant2	5200	14.19	≤23.98	17.19	15.04	PASS
	total	5200	16.45	≤23.98	22.46	20.31	PASS
	Ant1	5240	13.20	≤23.98	16.20	14.05	PASS
	Ant2	5240	13.96	≤23.98	16.96	14.81	PASS
	total	5240	16.61	≤23.98	22.62	20.47	PASS
11N40MIMO	Ant1	5190	12.20	≤23.98	15.20	13.05	PASS
	Ant2	5190	11.17	≤23.98	14.17	12.02	PASS
	total	5190	14.73	≤23.98	20.74	18.59	PASS
	Ant1	5230	12.42	≤23.98	15.42	13.27	PASS
	Ant2	5230	12.76	≤23.98	15.76	13.61	PASS
	total	5230	15.60	≤23.98	21.61	19.46	PASS

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

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	2.51	≤11.00	PASS
	Ant2	5180	5.59	≤11.00	PASS
	Ant1	5200	3.37	≤11.00	PASS
	Ant2	5200	4.58	≤11.00	PASS
	Ant1	5240	3.69	≤11.00	PASS
	Ant2	5240	6.27	≤11.00	PASS
11N20MIMO	Ant1	5180	-2.96	≤11.00	PASS
	Ant2	5180	0.8	≤11.00	PASS
	total	5180	2.33	≤10.99	PASS
	Ant1	5200	1.77	≤11.00	PASS
	Ant2	5200	3.76	≤11.00	PASS
	total	5200	5.89	≤10.99	PASS
	Ant1	5240	1.68	≤11.00	PASS
	Ant2	5240	3.3	≤11.00	PASS
	total	5240	5.58	≤10.99	PASS
11N40MIMO	Ant1	5190	-3.5	≤11.00	PASS
	Ant2	5190	-3.61	≤11.00	PASS
	total	5190	-0.54	≤10.99	PASS
	Ant1	5230	-1.3	≤11.00	PASS
	Ant2	5230	-2.02	≤11.00	PASS
	total	5230	1.37	≤10.99	PASS

Note: 1.The Duty Cycle Factoriscompensateinthegraph.