

Appendix for WiFi 5GHz

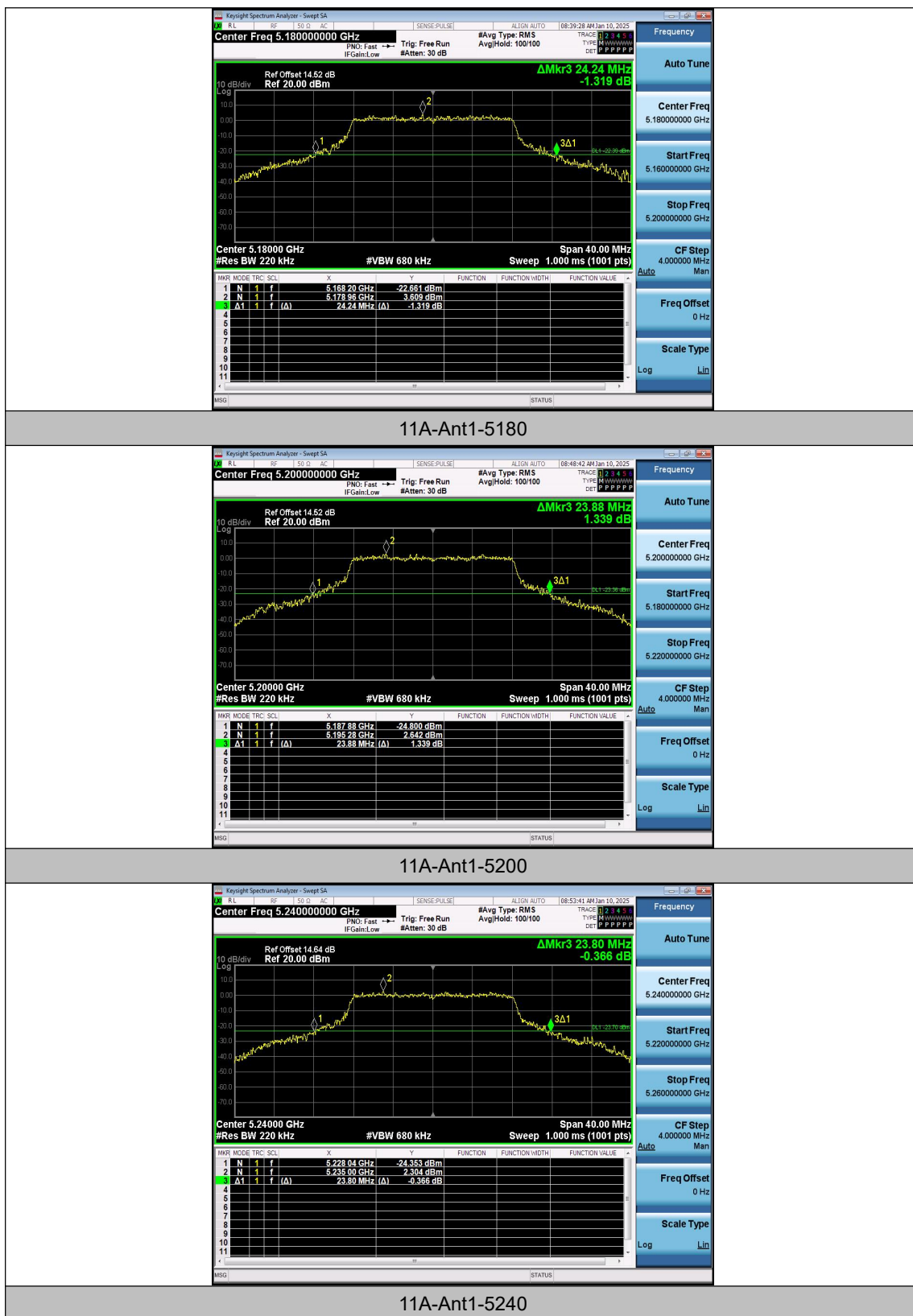
Product Name: Door Entry Panel
Model No: AV-06M

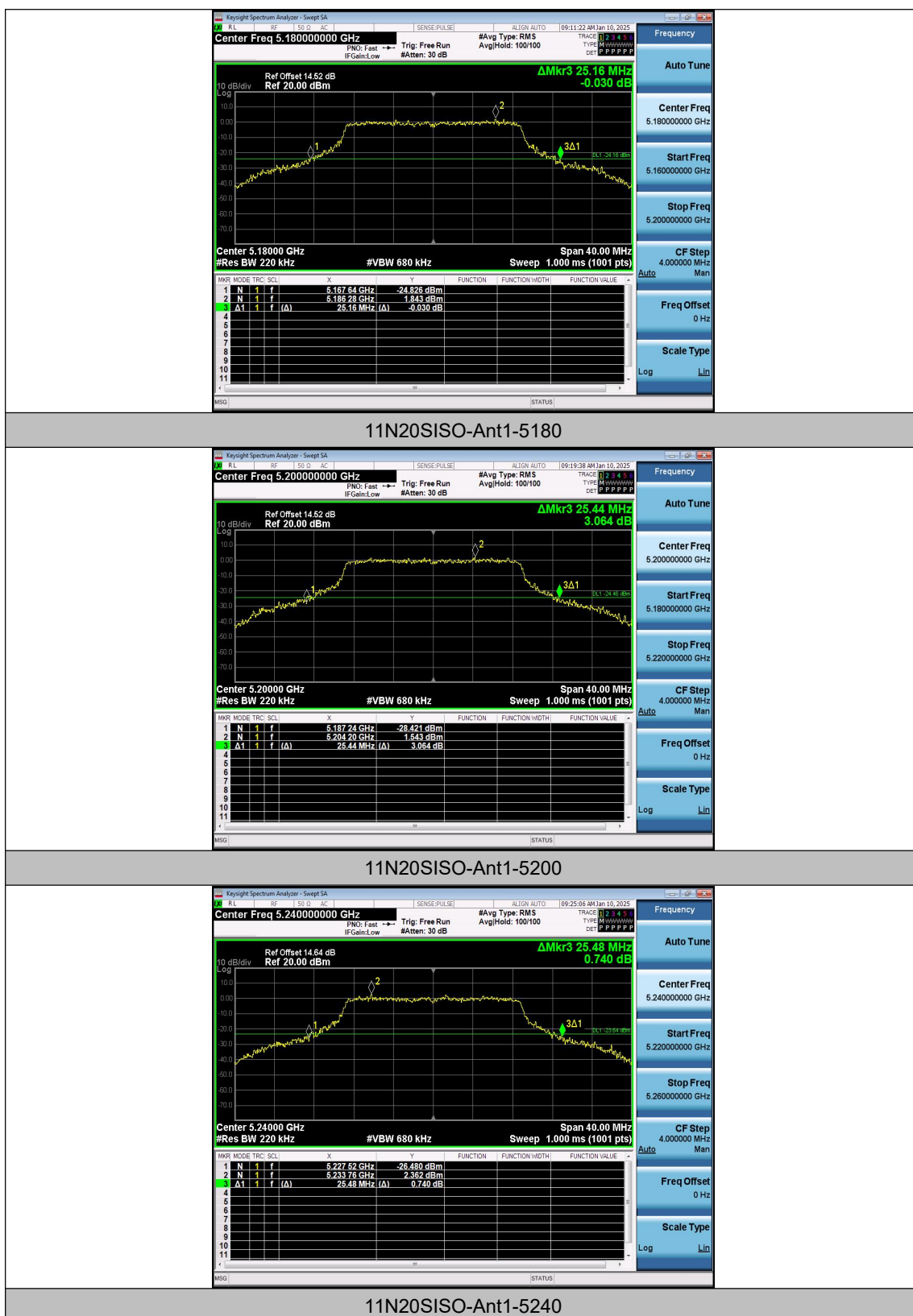
Appendix A1: Emission Bandwidth

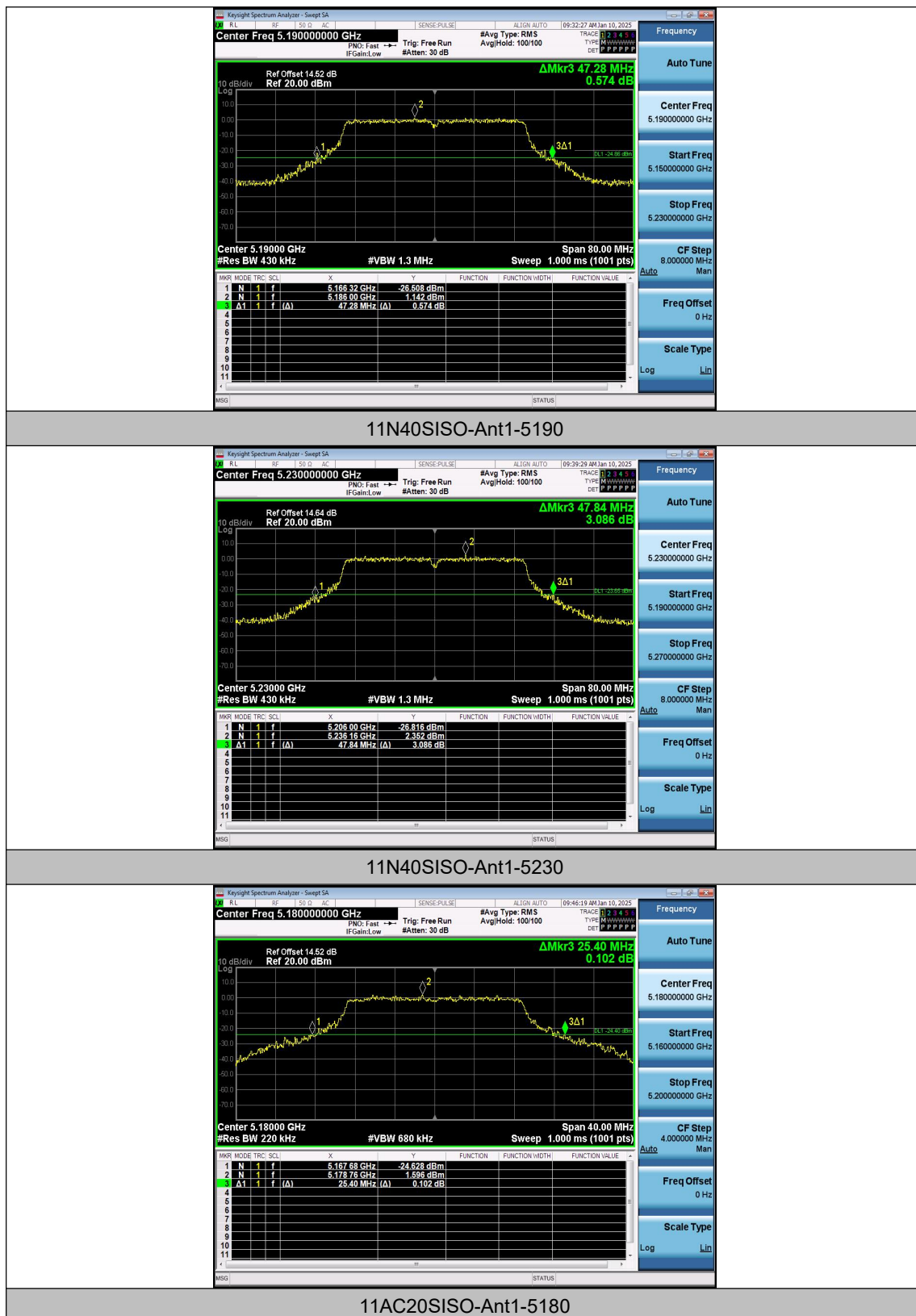
Test Result

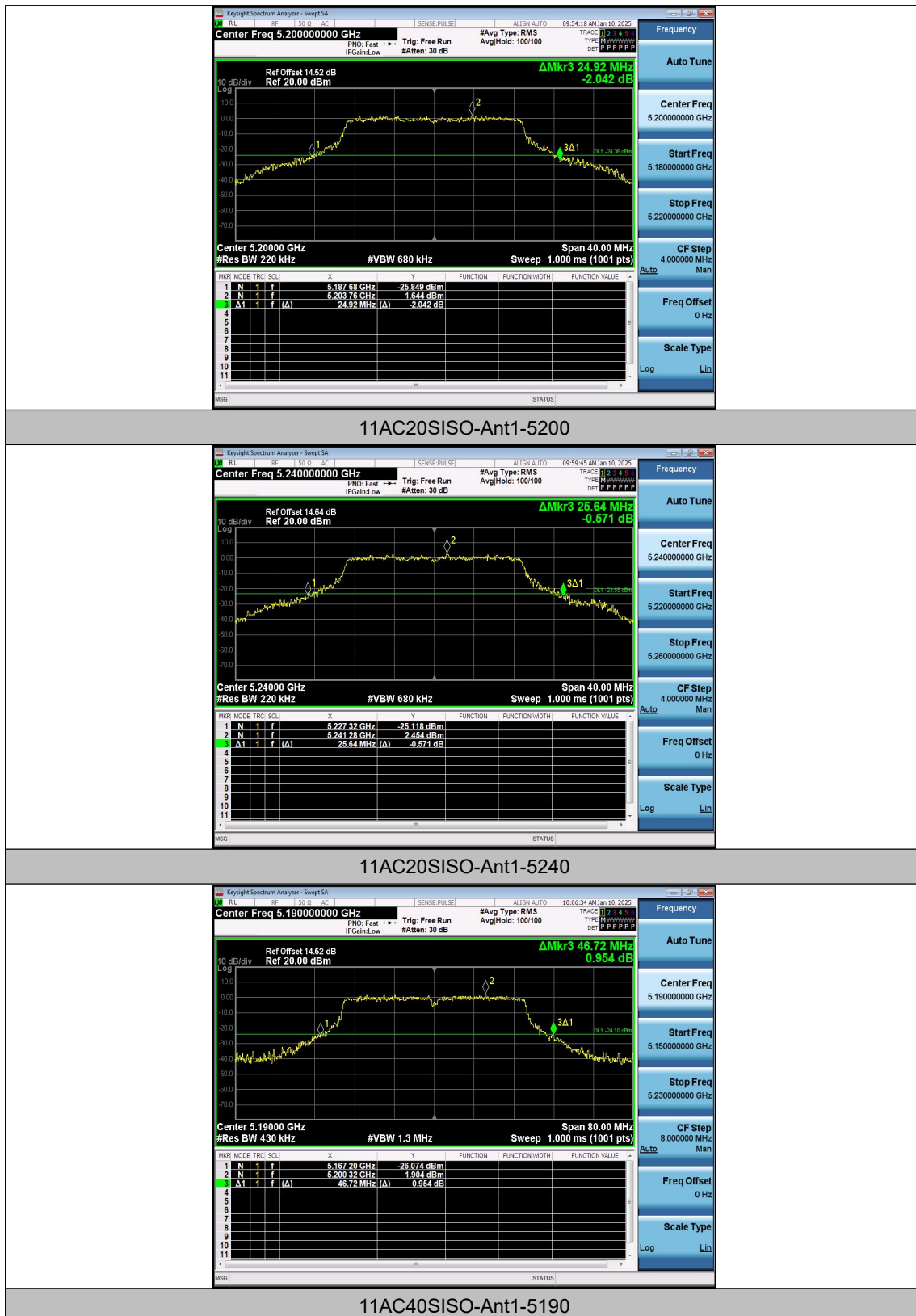
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.240	5168.200	5192.440	---	---
11A	Ant1	5200	23.880	5187.880	5211.760	---	---
11A	Ant1	5240	23.800	5228.040	5251.840	---	---
11N20SISO	Ant1	5180	25.160	5167.640	5192.800	---	---
11N20SISO	Ant1	5200	25.440	5187.240	5212.680	---	---
11N20SISO	Ant1	5240	25.480	5227.520	5253.000	---	---
11N40SISO	Ant1	5190	47.280	5166.320	5213.600	---	---
11N40SISO	Ant1	5230	47.840	5206.000	5253.840	---	---
11AC20SISO	Ant1	5180	25.400	5167.680	5193.080	---	---
11AC20SISO	Ant1	5200	24.920	5187.680	5212.600	---	---
11AC20SISO	Ant1	5240	25.640	5227.320	5252.960	---	---
11AC40SISO	Ant1	5190	46.720	5167.200	5213.920	---	---
11AC40SISO	Ant1	5230	46.720	5206.320	5253.040	---	---

Test Graphs











11AC40SISO-Ant1-5230

Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.986	5170.9778	5188.9638	---	---
11A	Ant1	5200	17.999	5190.8874	5208.8864	---	---
11A	Ant1	5240	18.064	5230.8847	5248.9487	---	---
11N20SISO	Ant1	5180	19.268	5170.3558	5189.6238	---	---
11N20SISO	Ant1	5200	19.094	5190.4232	5209.5172	---	---
11N20SISO	Ant1	5240	19.140	5230.3929	5249.5329	---	---
11N40SISO	Ant1	5190	37.509	5171.2785	5208.7875	---	---
11N40SISO	Ant1	5230	37.598	5211.2267	5248.8247	---	---
11AC20SISO	Ant1	5180	19.291	5170.4476	5189.7386	---	---
11AC20SISO	Ant1	5200	19.165	5190.4720	5209.6370	---	---
11AC20SISO	Ant1	5240	19.266	5230.3432	5249.6092	---	---
11AC40SISO	Ant1	5190	37.592	5171.3186	5208.9106	---	---
11AC40SISO	Ant1	5230	37.593	5211.2670	5248.8600	---	---

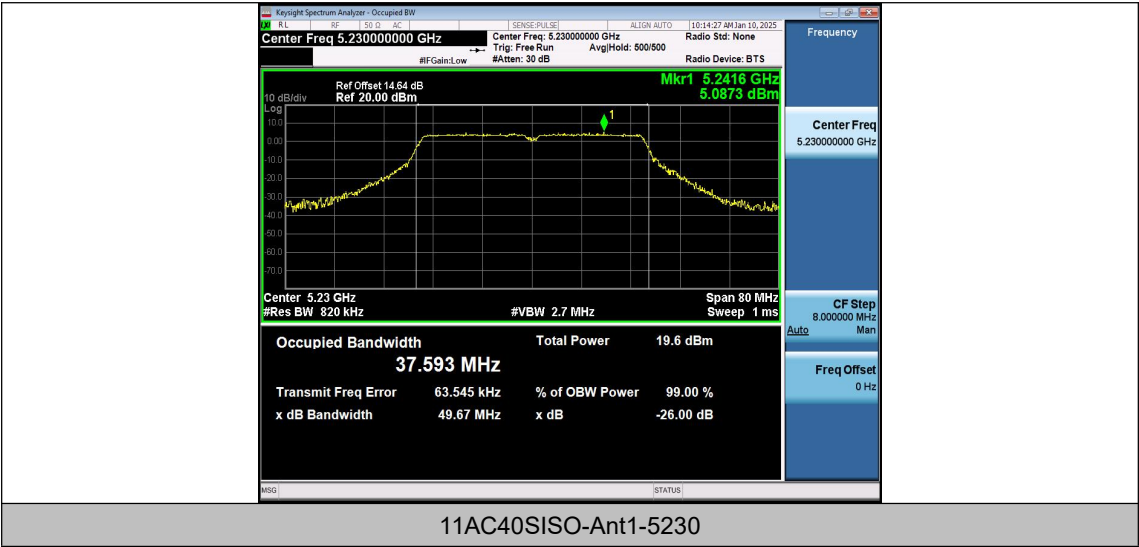
Test Graphs











Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	2.03	2.24	90.63	0.43	0.49
11A	Ant1	5200	2.03	2.19	92.69	0.33	0.49
11A	Ant1	5240	2.04	2.17	94.01	0.27	0.49
11N20SISO	Ant1	5180	1.89	1.97	95.94	0.18	0.53
11N20SISO	Ant1	5200	1.89	2.05	92.20	0.35	0.53
11N20SISO	Ant1	5240	1.89	1.93	97.93	0.09	0.53
11N40SISO	Ant1	5190	0.93	1.11	83.78	0.77	1.08
11N40SISO	Ant1	5230	0.93	1.06	87.74	0.57	1.08
11AC20SISO	Ant1	5180	1.90	2.03	93.60	0.29	0.53
11AC20SISO	Ant1	5200	1.90	2.04	93.14	0.31	0.53
11AC20SISO	Ant1	5240	1.90	2.24	84.82	0.72	0.53
11AC40SISO	Ant1	5190	0.94	0.99	94.95	0.23	1.06
11AC40SISO	Ant1	5230	0.93	1.06	87.74	0.57	1.08

Test Graphs



