

Appendix Test Data

Report No:	18220WC20183001	Test Sample NO:	1-2-2
Start Test Date:	2022.8.17	Finish Test Date:	2022.8.27
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	48%
Pressure:	1012 hPa		

Appendix A1: Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	19.400	5170.200	5189.600
	Ant2	5180	19.120	5170.480	5189.600
	Ant1	5200	19.320	5190.360	5209.680
	Ant2	5200	19.280	5190.280	5209.560
	Ant1	5240	19.320	5230.280	5249.600
	Ant2	5240	19.400	5230.320	5249.720
11N20SISO	Ant1	5180	19.440	5170.240	5189.680
	Ant2	5180	19.360	5170.360	5189.720
	Ant1	5200	19.160	5190.360	5209.520
	Ant2	5200	19.120	5190.400	5209.520
	Ant1	5240	19.480	5230.240	5249.720
	Ant2	5240	19.400	5230.240	5249.640
11N40SISO	Ant1	5190	40.320	5169.680	5210.000
	Ant2	5190	39.920	5170.080	5210.000
	Ant1	5230	40.560	5209.680	5250.240
	Ant2	5230	39.920	5210.000	5249.920
11AC20SISO	Ant1	5180	19.200	5170.400	5189.600
	Ant2	5180	19.280	5170.400	5189.680
	Ant1	5200	19.360	5190.280	5209.640
	Ant2	5200	19.360	5190.320	5209.680
	Ant1	5240	19.280	5230.280	5249.560
	Ant2	5240	19.280	5230.400	5249.680
11AC40SISO	Ant1	5190	39.680	5170.000	5209.680
	Ant2	5190	39.760	5170.000	5209.760
	Ant1	5230	40.960	5209.040	5250.000
	Ant2	5230	40.160	5210.240	5250.400
11AC80SISO	Ant1	5210	80.960	5169.360	5250.320
	Ant2	5210	80.960	5169.200	5250.160

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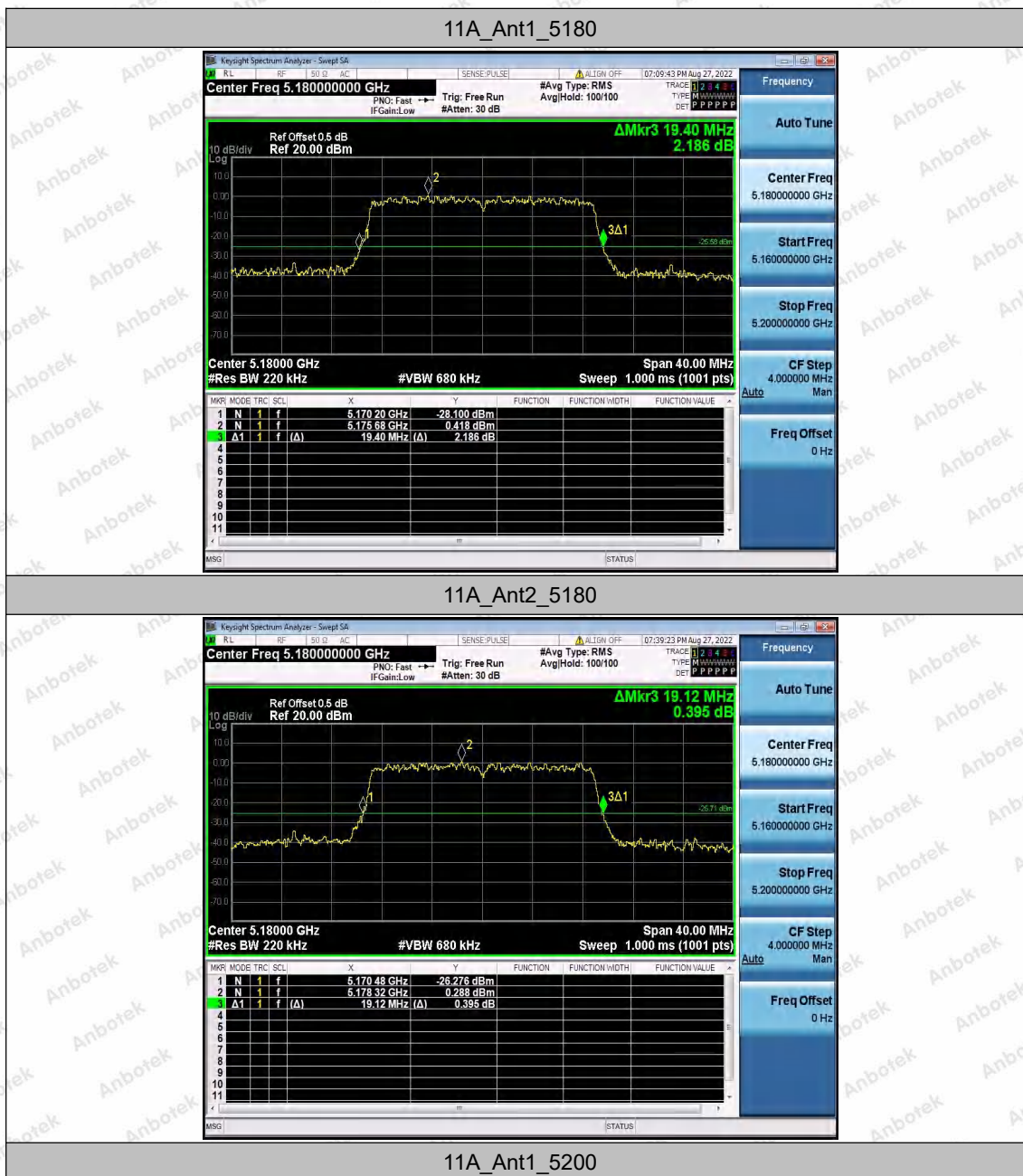
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Test Graphs



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11A_Ant2_5200



11A_Ant1_5240



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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

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11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

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11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

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11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC40SISO_Ant1_5190

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11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210

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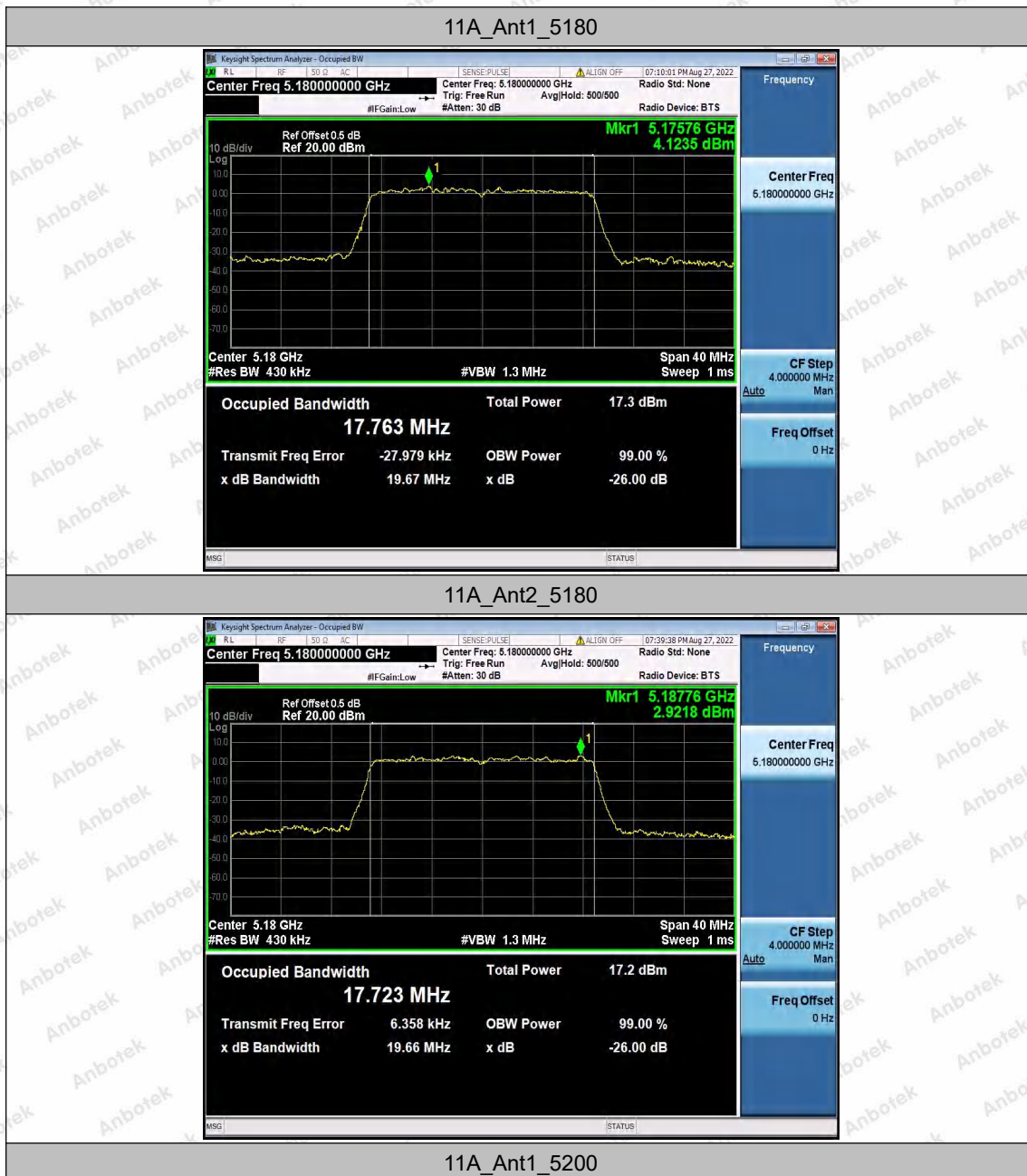
Appendix A2: Occupied channel bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11A	Ant1	5180	17.763	5171.0905	5188.8535
	Ant2	5180	17.723	5171.1449	5188.8679
	Ant1	5200	17.778	5191.1378	5208.9158
	Ant2	5200	17.715	5191.1069	5208.8219
	Ant1	5240	17.757	5231.1381	5248.8951
	Ant2	5240	17.758	5231.1173	5248.8753
11N20SISO	Ant1	5180	17.803	5171.0485	5188.8515
	Ant2	5180	17.810	5171.1167	5188.9267
	Ant1	5200	17.739	5191.1181	5208.8571
	Ant2	5200	17.669	5191.1671	5208.8361
	Ant1	5240	17.777	5231.0836	5248.8606
	Ant2	5240	17.770	5231.0960	5248.8660
11N40SISO	Ant1	5190	36.358	5171.7455	5208.1035
	Ant2	5190	36.236	5171.9255	5208.1615
	Ant1	5230	36.461	5211.8001	5248.2611
	Ant2	5230	36.253	5211.8644	5248.1174
11AC20SISO	Ant1	5180	17.767	5171.1330	5188.9000
	Ant2	5180	17.685	5171.1524	5188.8374
	Ant1	5200	17.718	5191.1281	5208.8461
	Ant2	5200	17.661	5191.1689	5208.8299
	Ant1	5240	17.741	5231.1180	5248.8590
	Ant2	5240	17.665	5231.1417	5248.8067
11AC40SISO	Ant1	5190	36.286	5171.8351	5208.1211
	Ant2	5190	36.228	5171.8530	5208.0810
	Ant1	5230	36.319	5211.7963	5248.1153
	Ant2	5230	36.363	5211.9127	5248.2757
11AC80SISO	Ant1	5210	75.574	5172.2833	5247.8573
	Ant2	5210	75.502	5172.1617	5247.6637



Test Graphs



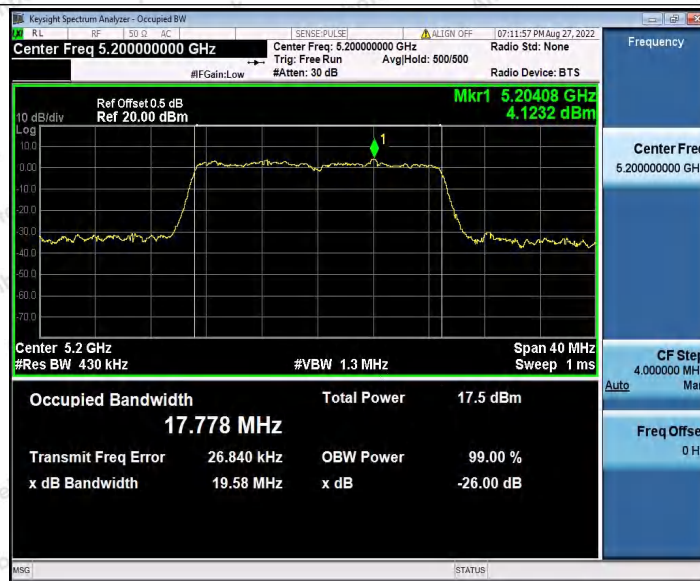
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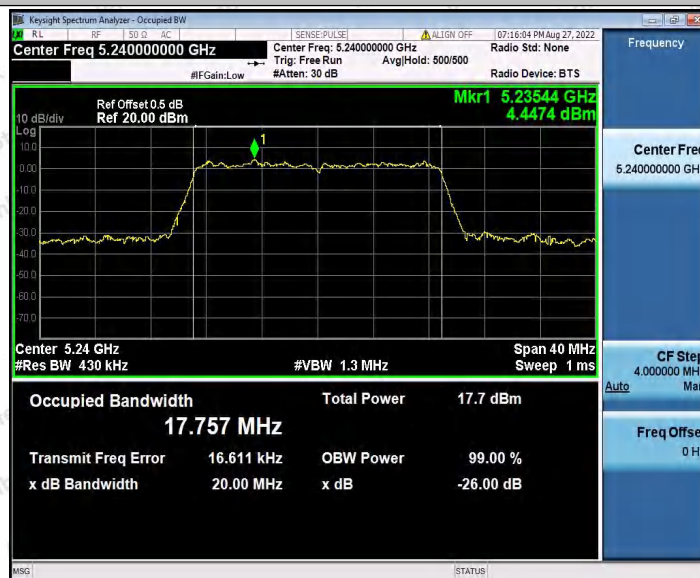




11A_Ant2_5200



11A_Ant1_5240

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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

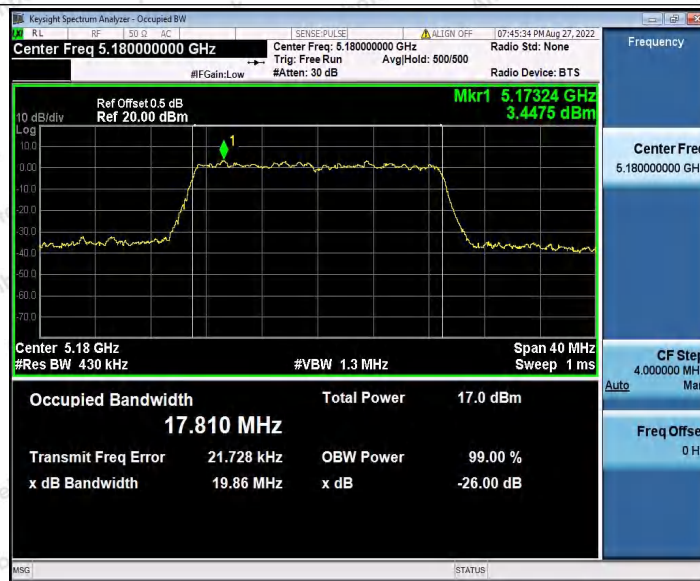
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11N20SISO_Ant1_5200



11N20SISO_Ant2_5200

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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

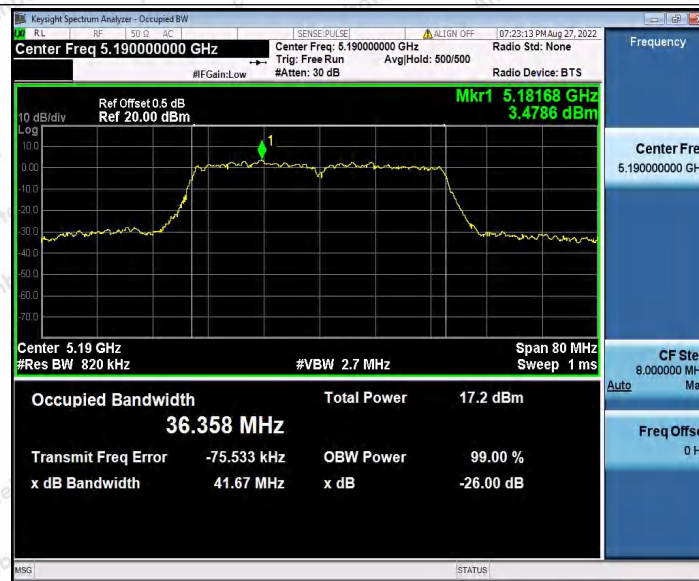
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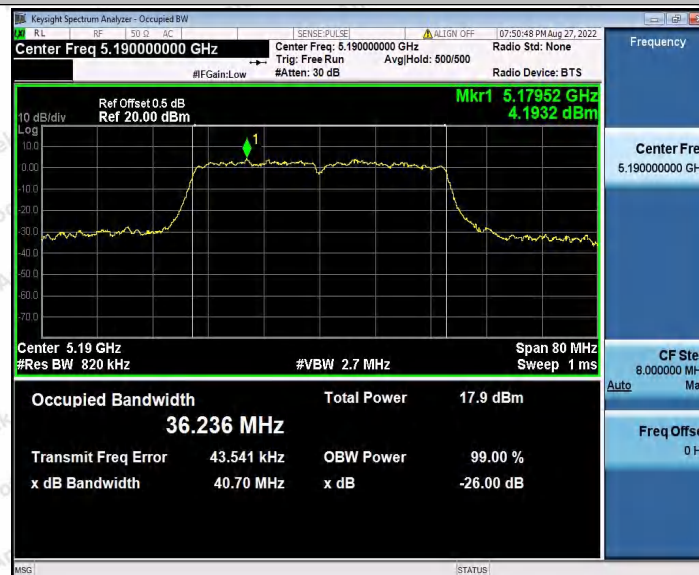


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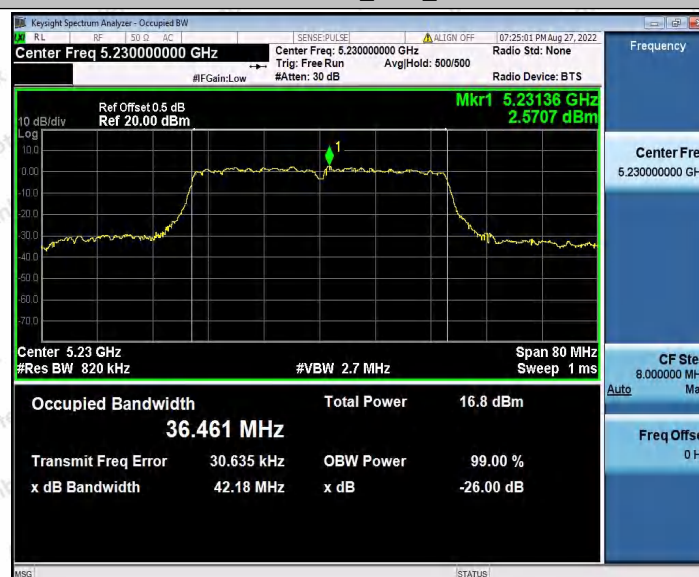




11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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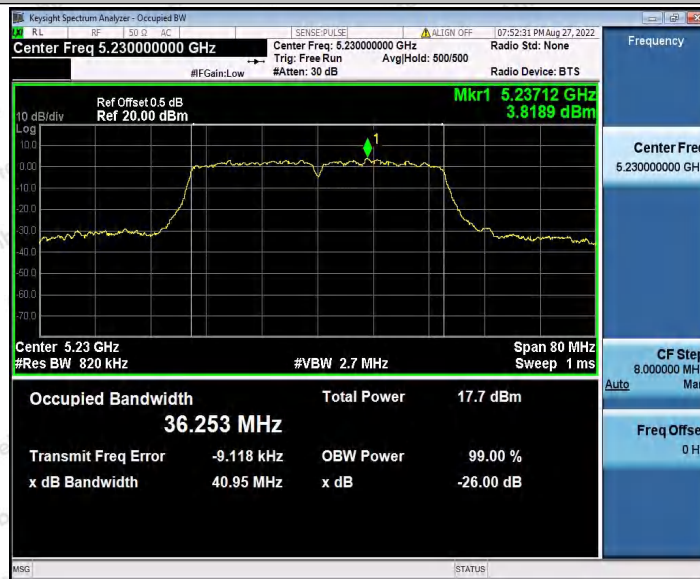
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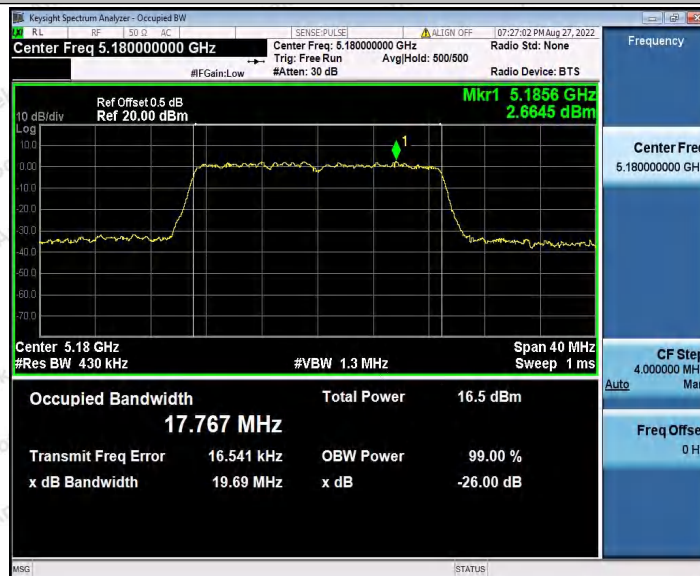
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11N40SISO_Ant2_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

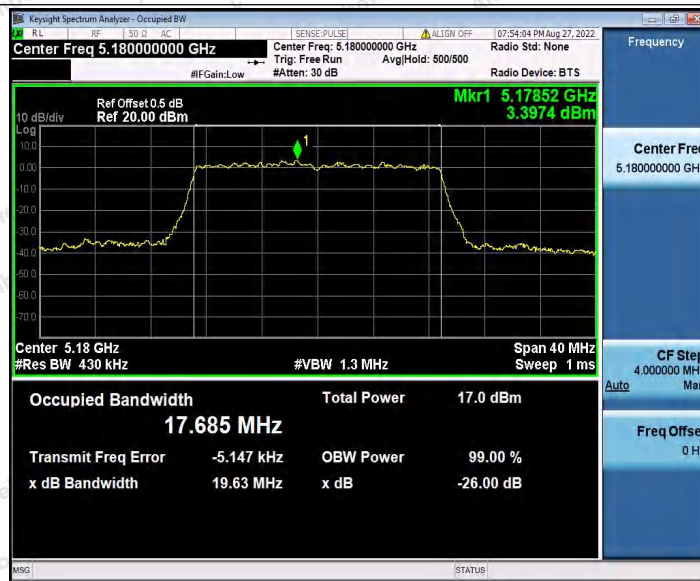
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11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



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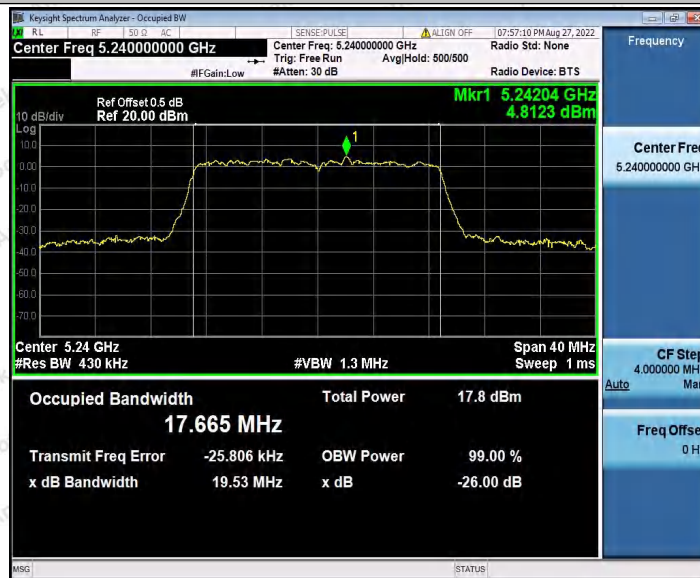
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11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



11AC40SISO_Ant1_5190

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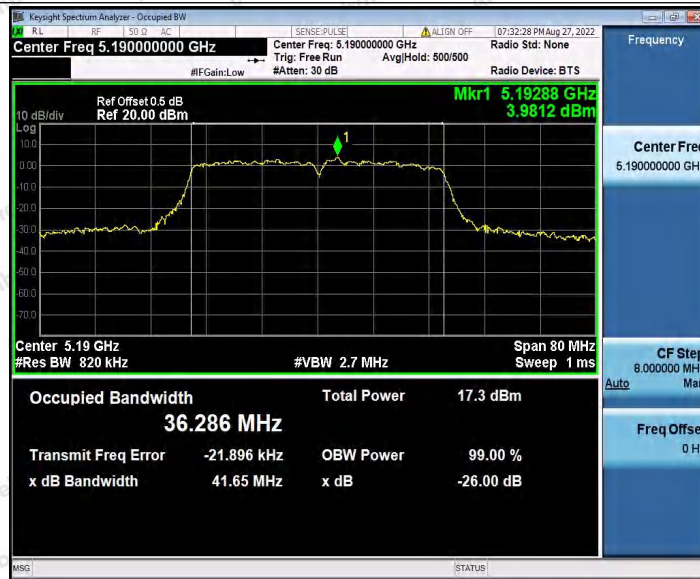


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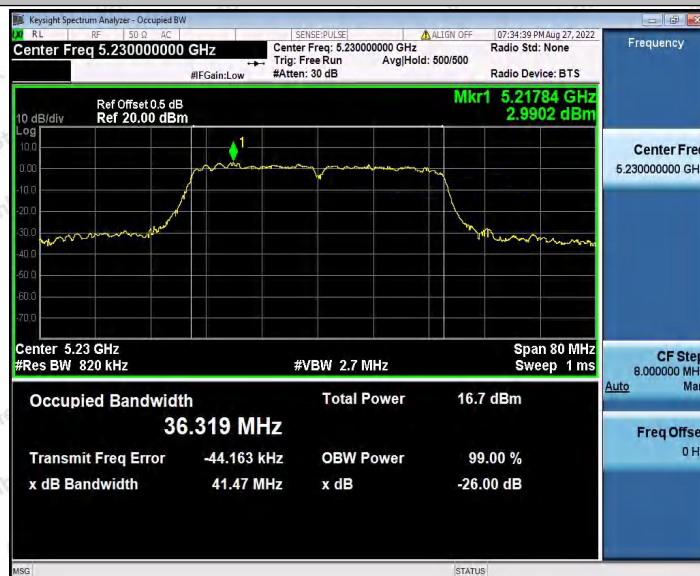




11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



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11AC40SISO_Ant2_5230



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210

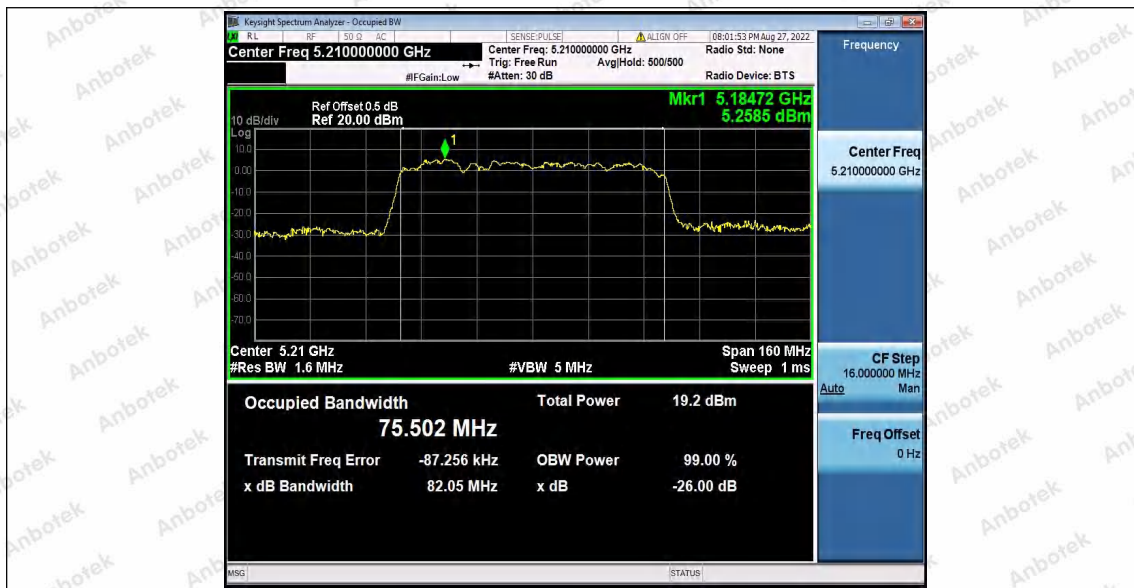
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Appendix B: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	0.23	0.46	50.00
	Ant2	5180	0.22	0.45	48.89
	Ant1	5200	0.22	0.46	47.83
	Ant2	5200	0.23	0.46	50.00
	Ant1	5240	0.22	0.45	48.89
	Ant2	5240	0.23	0.46	50.00
11N20SISO	Ant1	5180	0.22	0.45	48.89
	Ant2	5180	0.23	0.46	50.00
	Ant1	5200	0.22	0.45	48.89
	Ant2	5200	0.23	0.46	50.00
	Ant1	5240	0.23	0.46	50.00
	Ant2	5240	0.23	0.46	50.00
11N40SISO	Ant1	5190	0.13	0.36	36.11
	Ant2	5190	0.13	0.36	36.11
	Ant1	5230	0.13	0.36	36.11
	Ant2	5230	0.13	0.36	36.11
11AC20SISO	Ant1	5180	0.23	0.46	50.00
	Ant2	5180	0.23	0.46	50.00
	Ant1	5200	0.23	0.46	50.00
	Ant2	5200	0.23	0.46	50.00
	Ant1	5240	0.23	0.46	50.00
	Ant2	5240	0.23	0.46	50.00
11AC40SISO	Ant1	5190	0.13	0.36	36.11
	Ant2	5190	0.13	0.36	36.11
	Ant1	5230	0.12	0.35	34.29
	Ant2	5230	0.13	0.36	36.11
11AC80SISO	Ant1	5210	0.22	0.45	48.89
	Ant2	5210	0.23	0.46	50.00

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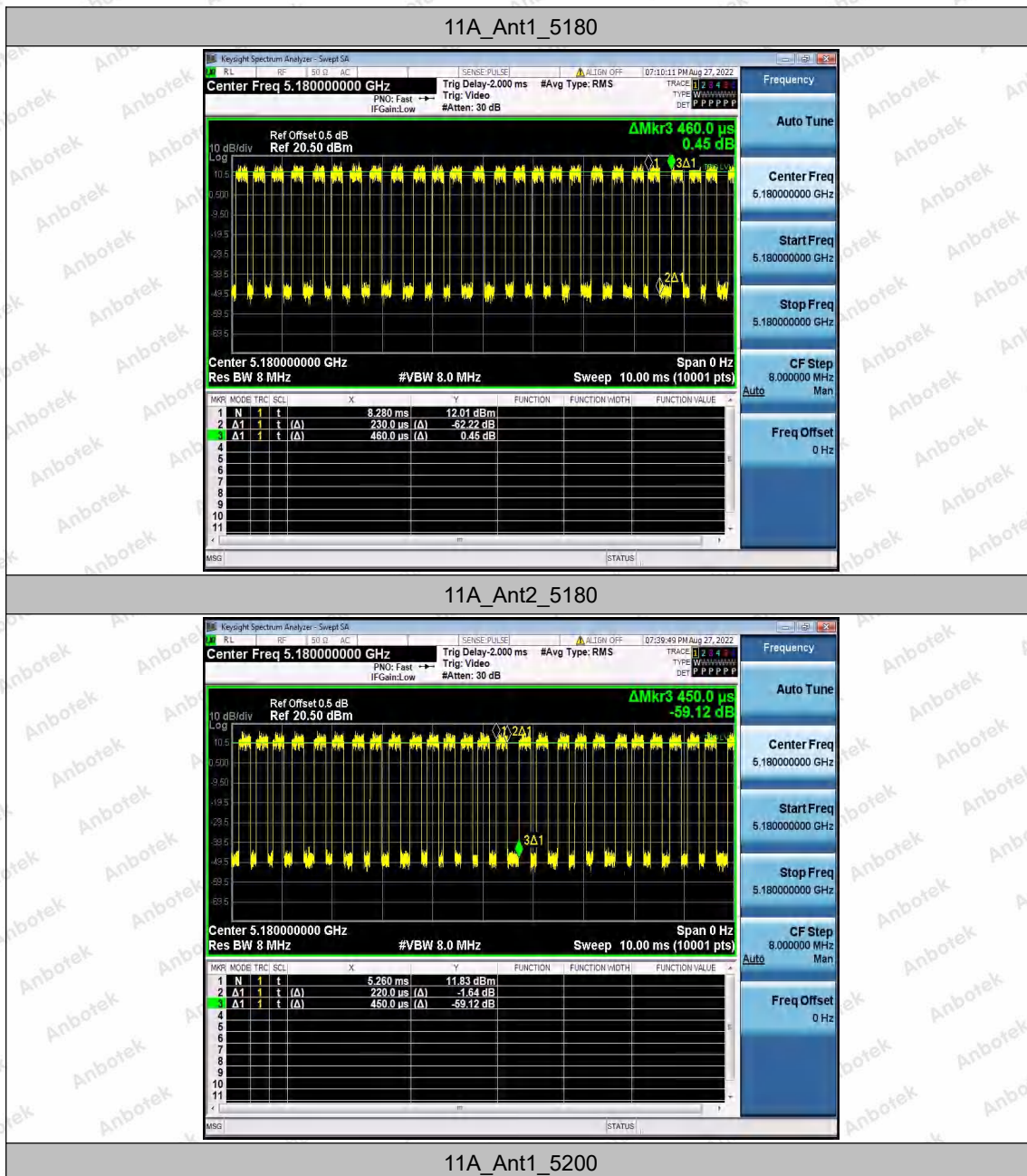
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Test Graphs



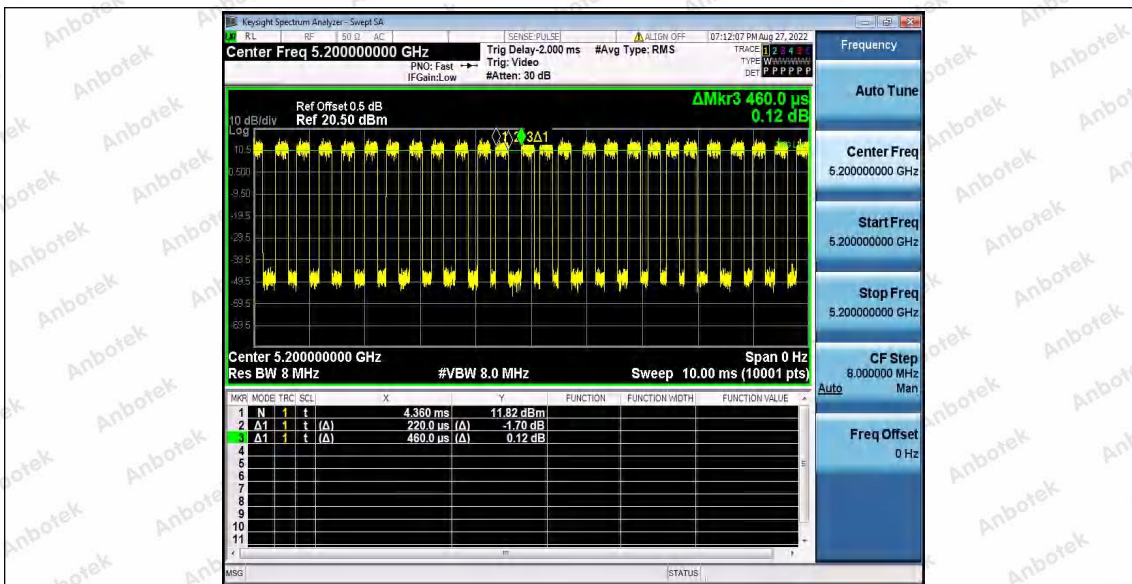
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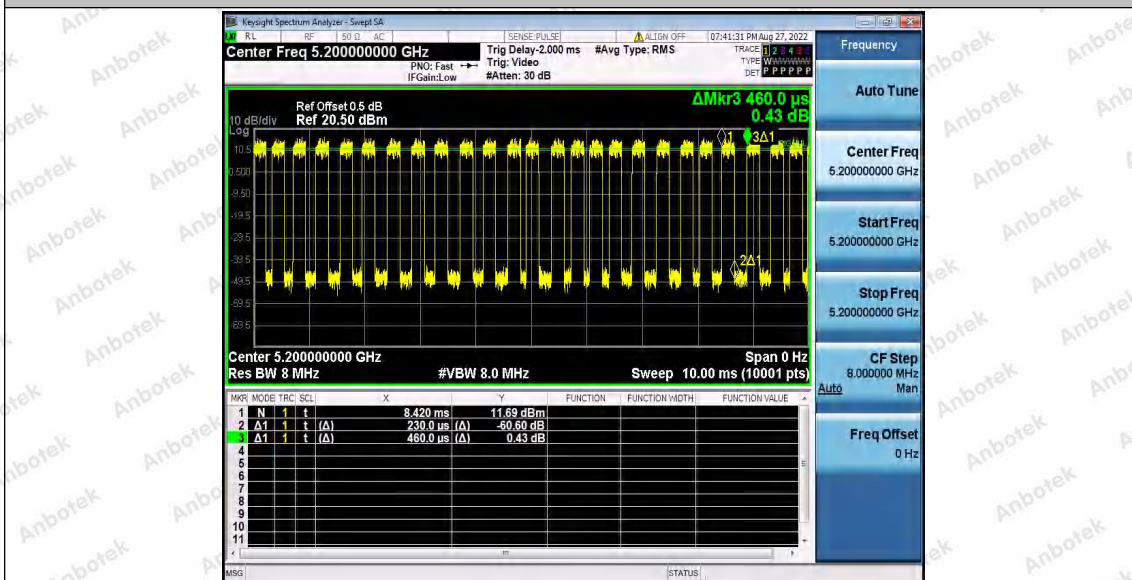


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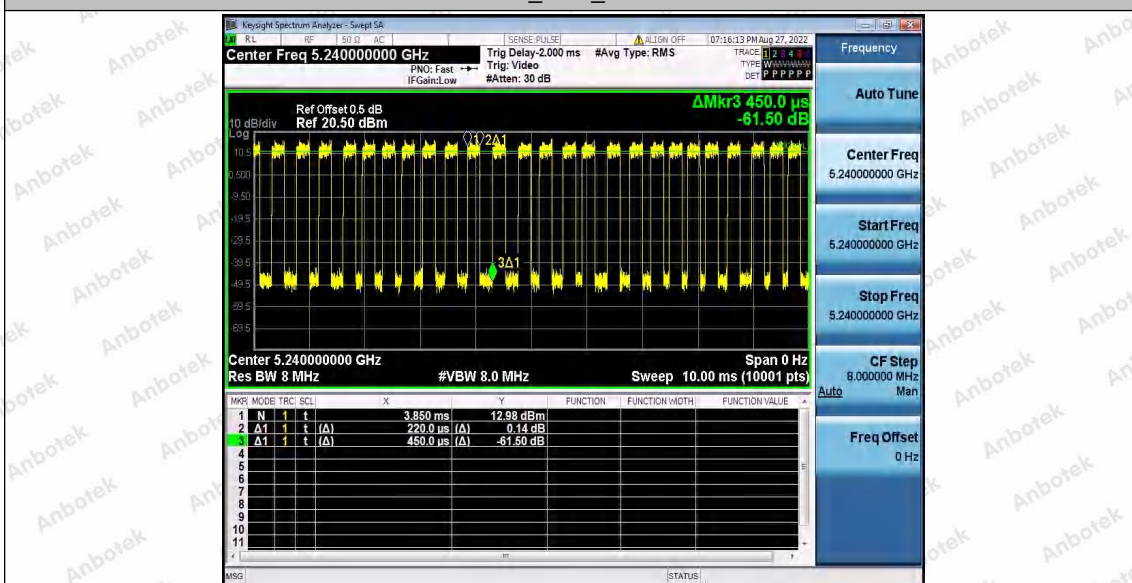




11A_Ant2_5200



11A_Ant1_5240



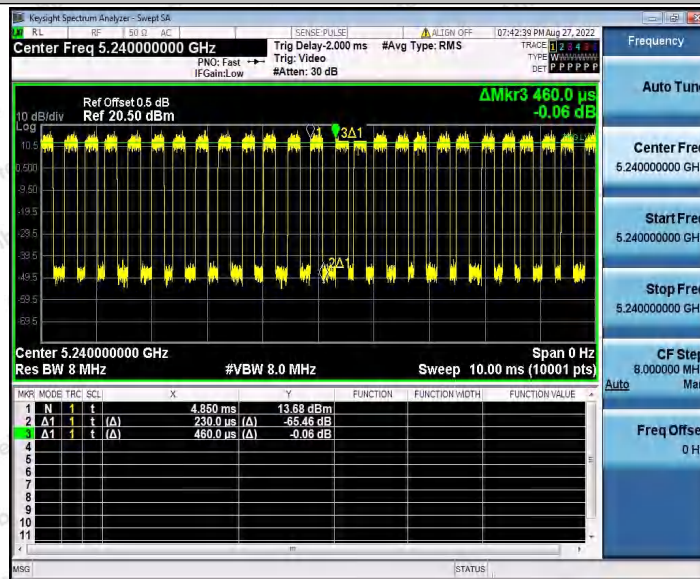
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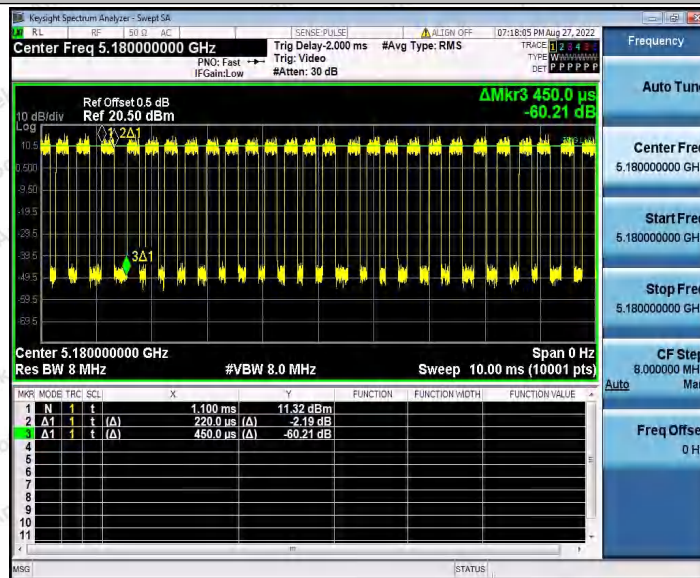
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11A_Ant2_5240



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180

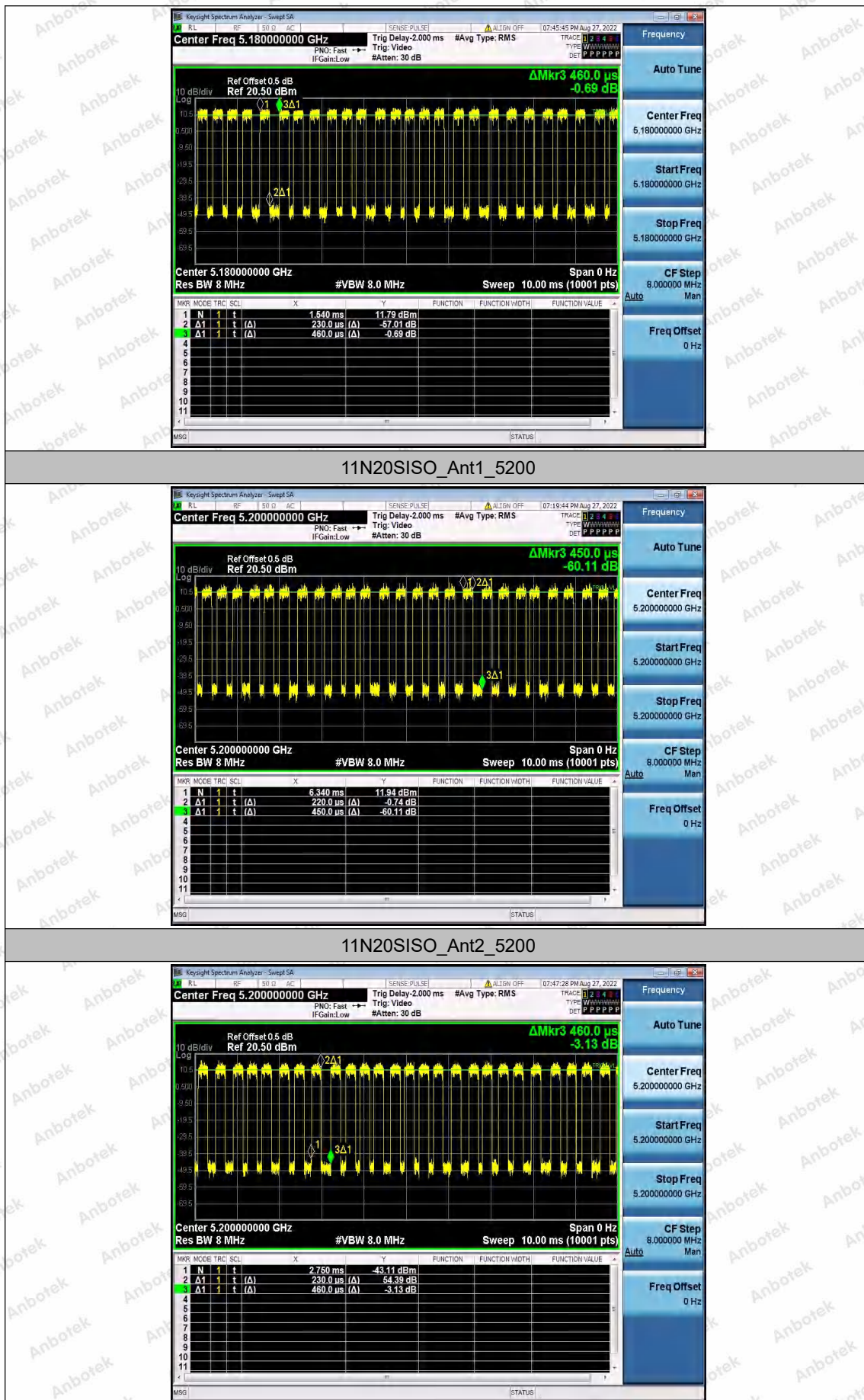
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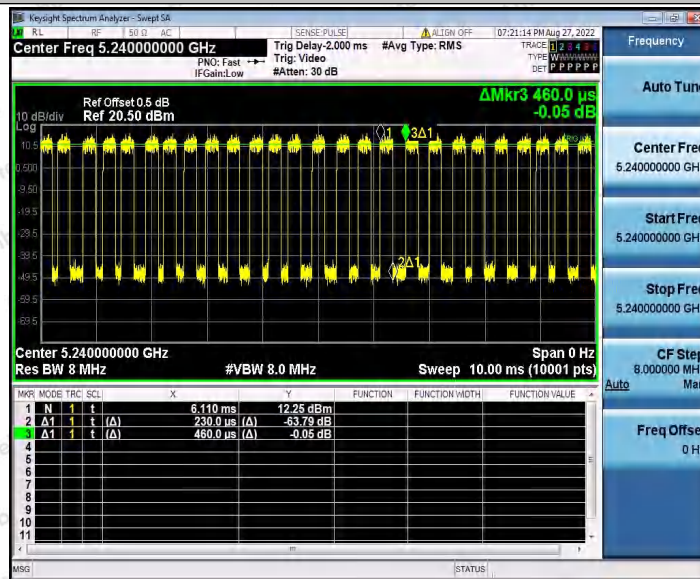
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



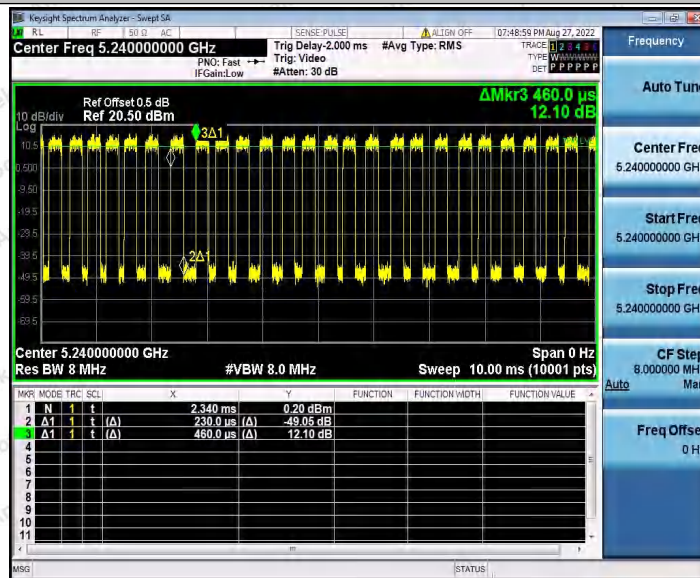
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11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N40SISO_Ant1_5190

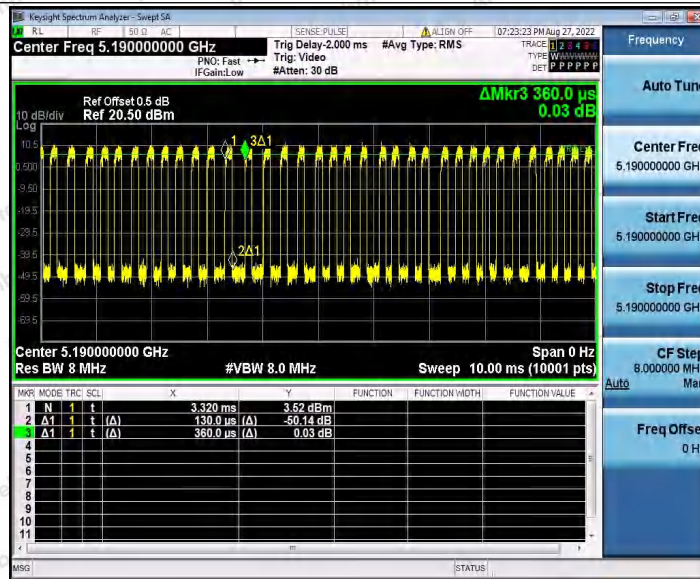
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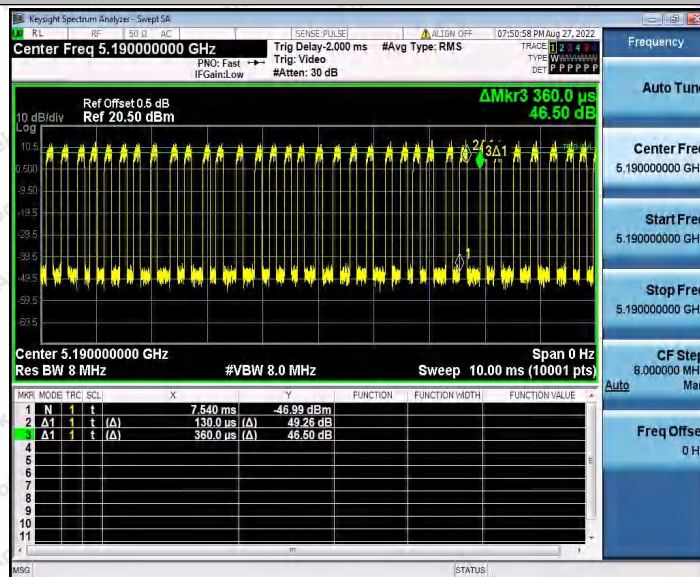


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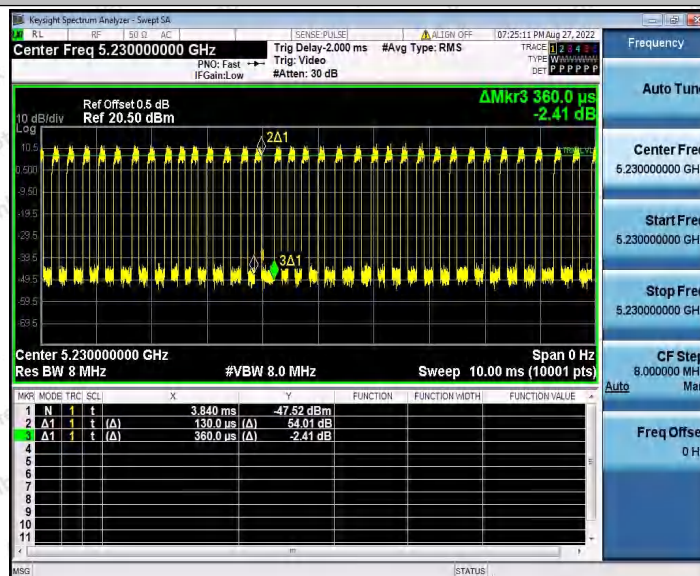




11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



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