

Appendix D

RF Test Data for 5G WLAN (Conducted Measurement)

Product Name: FoldSat LEO Ku OW

Trade Mark: FoldSat LEO Ku OW

Test Model: INSTER_RA01

Environmental Conditions

Temperature:	24.3 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Alan Wang
Supervised by:	Amy Wen

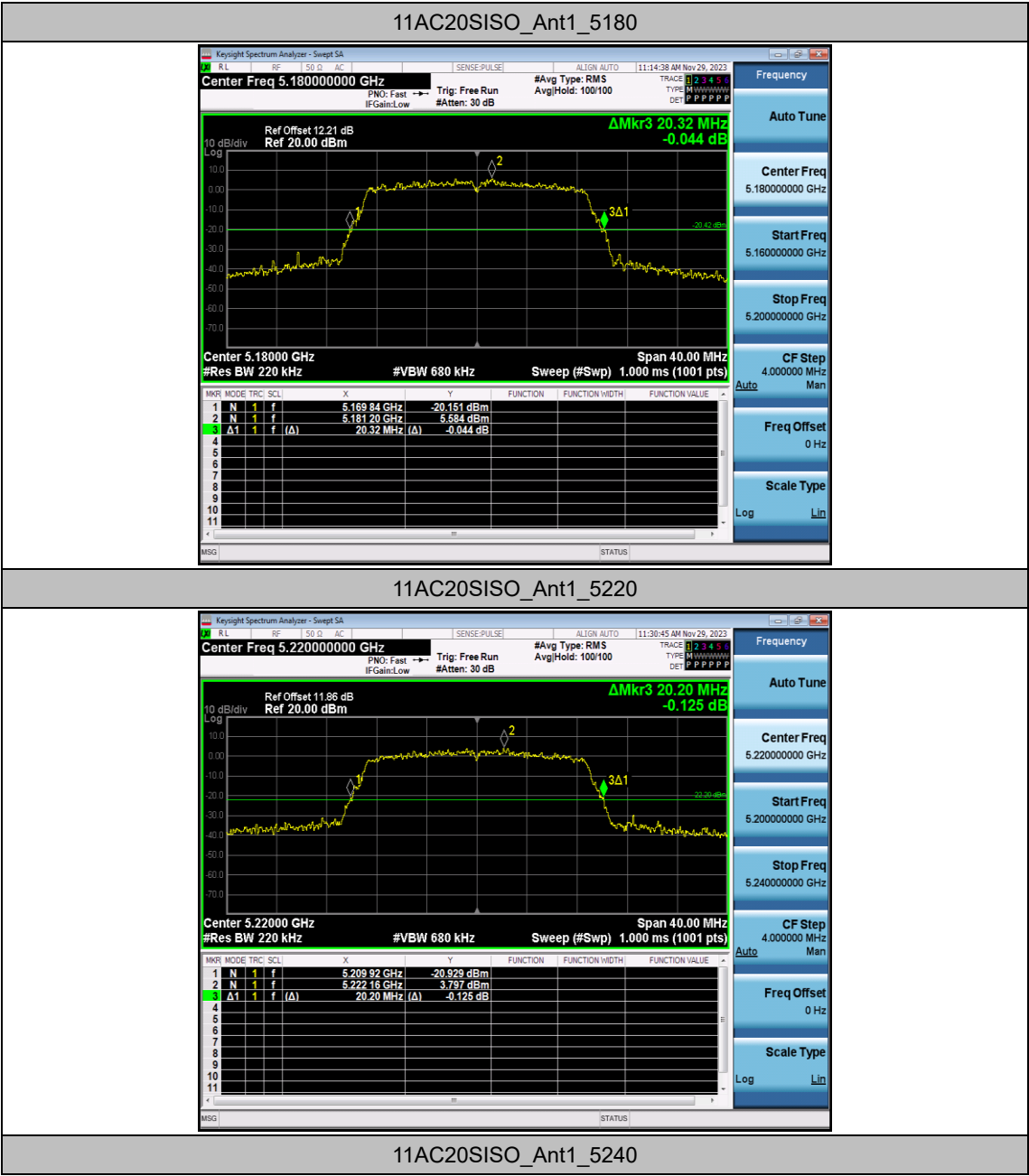
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant1	5180	20.320	5169.840	5190.160	---	---
		5220	20.200	5209.920	5230.120	---	---
		5240	20.160	5229.840	5250.000	---	---
		5260	19.920	5250.000	5269.920	---	---
		5300	20.160	5289.840	5310.000	---	---
		5320	20.160	5309.760	5329.920	---	---

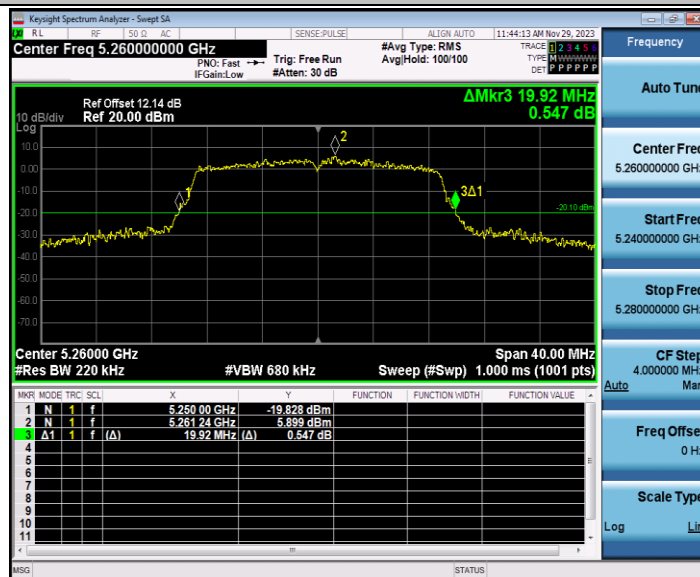
		5500	20.280	5489.840	5510.120	---	---
		5580	20.280	5569.760	5590.040	---	---
		5700	20.280	5689.800	5710.080	---	---
		5745	20.240	5734.800	5755.040	---	---
		5785	20.160	5774.880	5795.040	---	---
		5825	25.080	5812.800	5837.880	---	---
11AC40SISO	Ant1	5190	40.640	5169.600	5210.240	---	---
		5230	40.480	5209.840	5250.320	---	---
		5270	40.480	5249.840	5290.320	---	---
		5310	40.160	5289.920	5330.080	---	---
		5510	40.720	5489.680	5530.400	---	---
		5550	40.640	5529.840	5570.480	---	---
		5670	41.360	5649.200	5690.560	---	---
		5755	40.560	5734.920	5775.480	---	---
		5795	40.880	5774.360	5815.240	---	---
11AC80SISO	Ant1	5210	81.120	5169.680	5250.800	---	---
		5290	80.800	5249.840	5330.640	---	---
		5530	80.960	5489.680	5570.640	---	---
		5775	81.920	5734.200	5816.120	---	---

Test Graphs





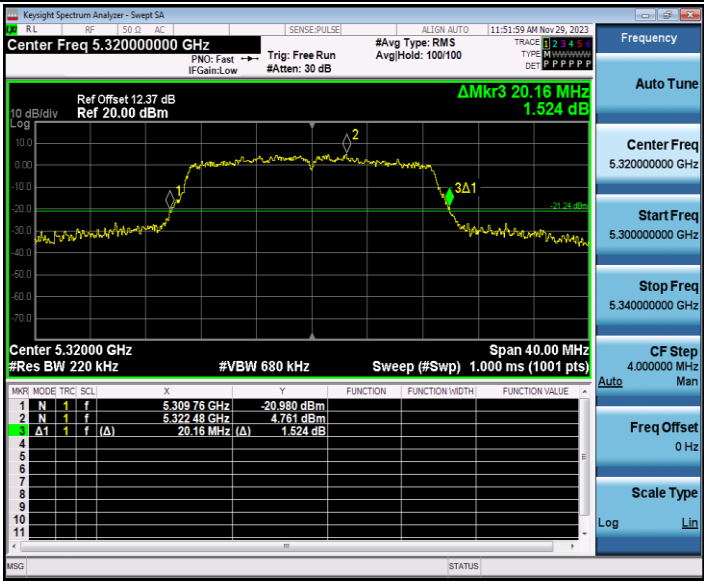
11AC20SISO_Ant1_5260



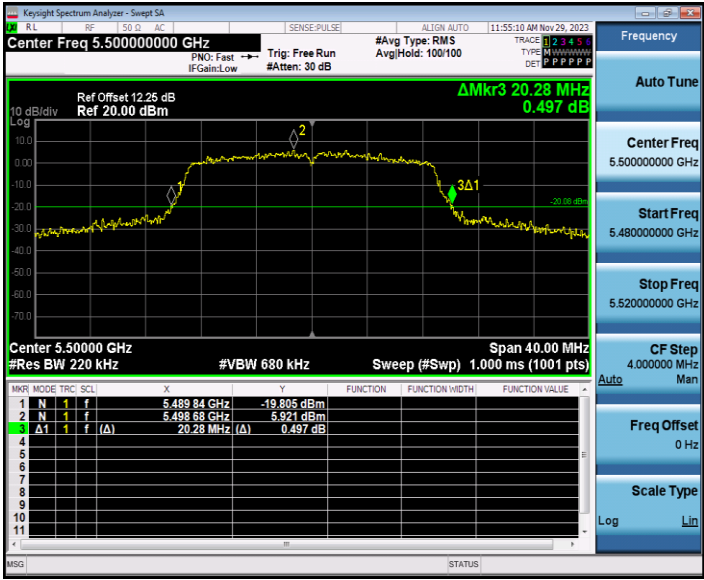
11AC20SISO_Ant1_5300



11AC20SISO_Ant1_5320



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



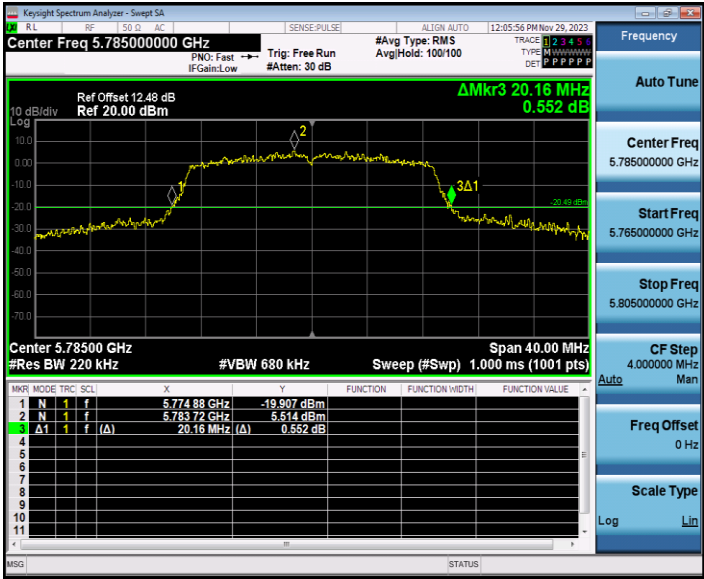
11AC20SISO_Ant1_5700



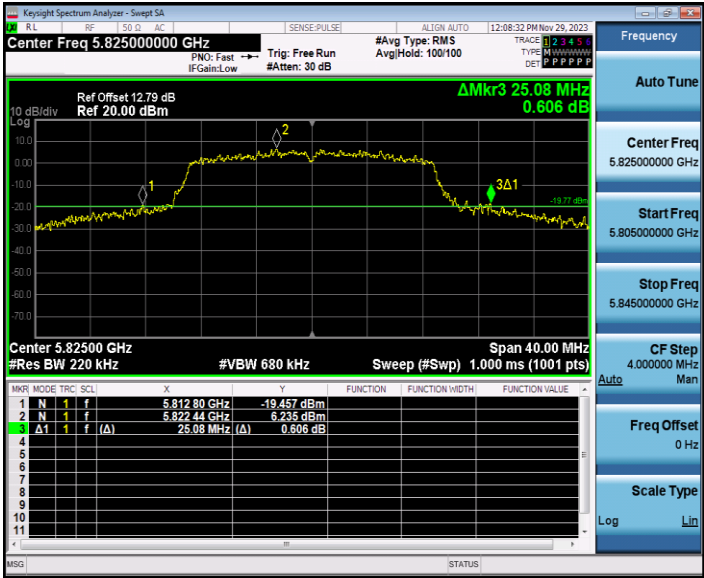
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



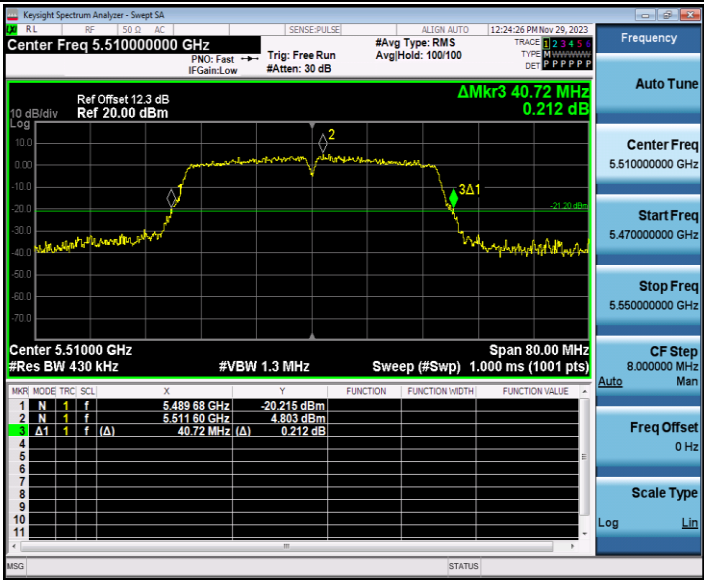
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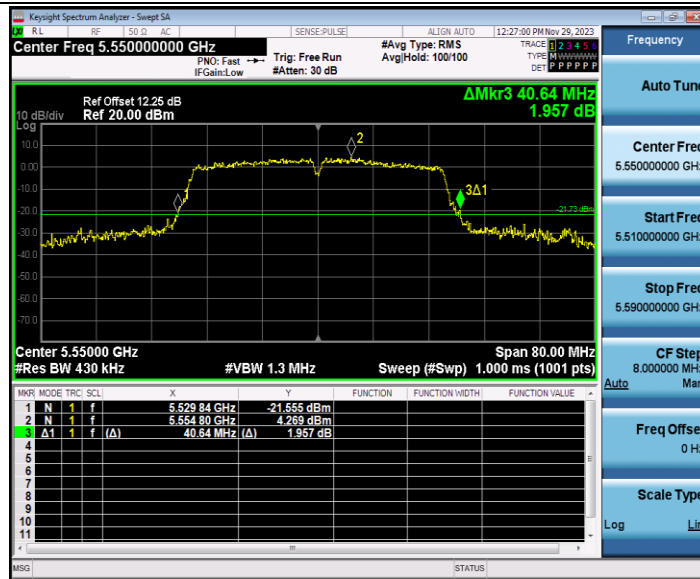
11AC40SISO_Ant1_5310



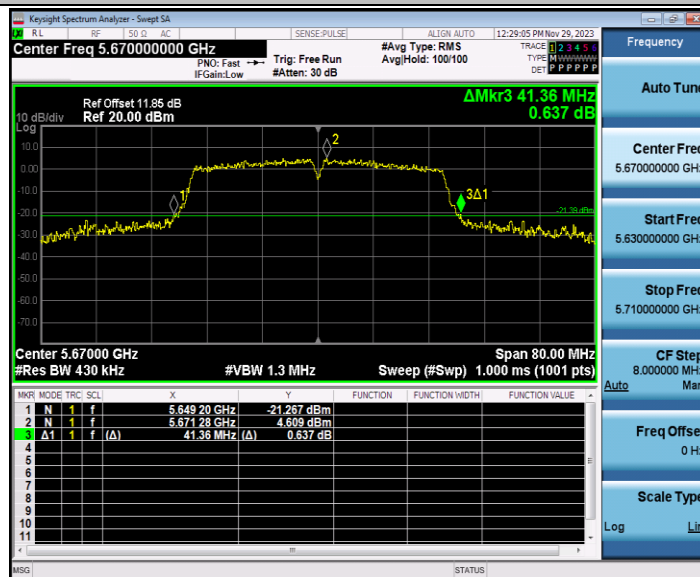
11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5550



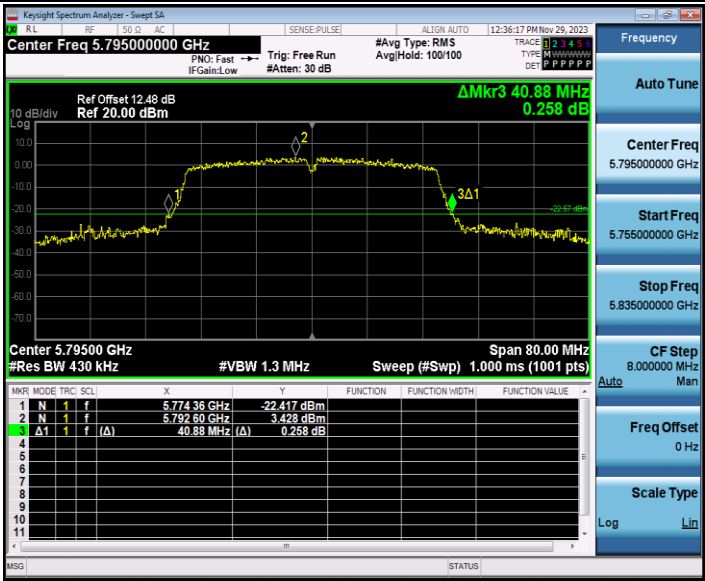
11AC40SISO_Ant1_5670



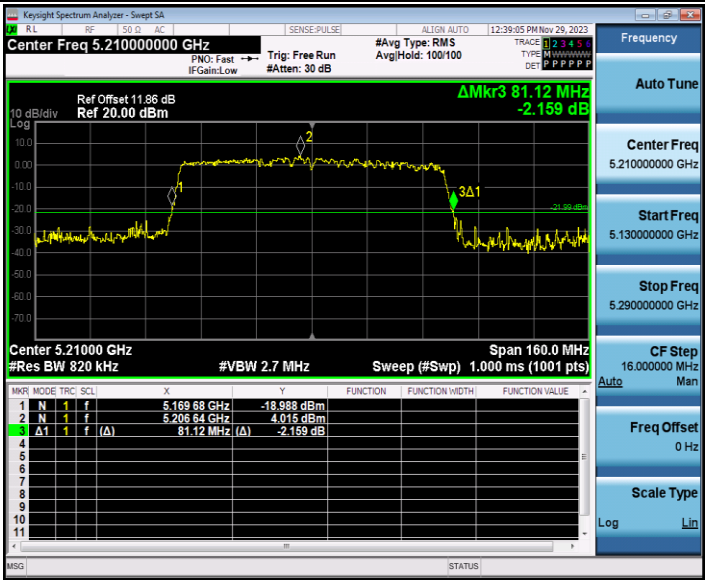
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



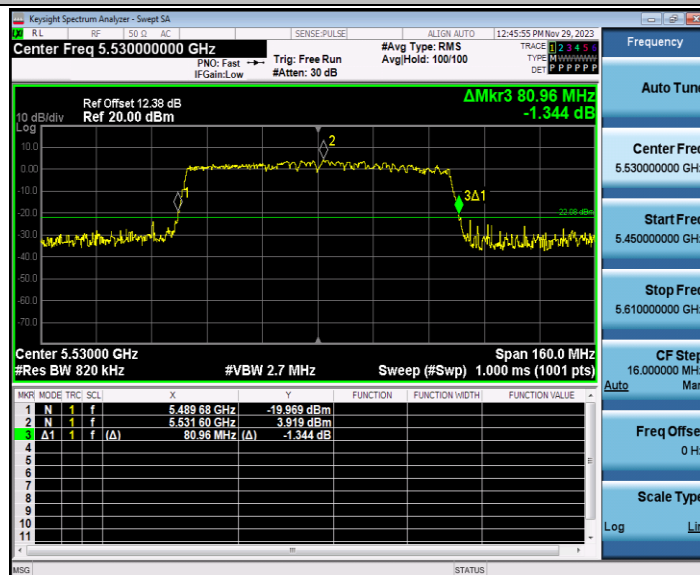
11AC80SISO_Ant1_5210



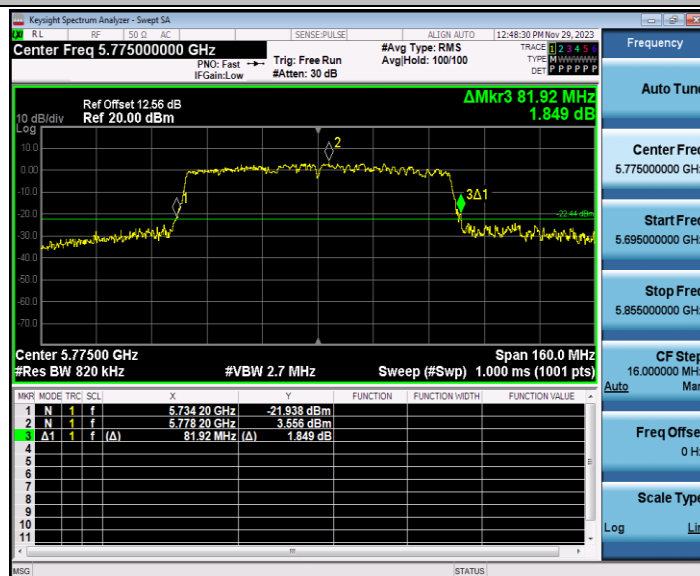
11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5775



Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant1	5180	17.750	5171.080	5188.830	---	---
		5220	17.737	5211.099	5228.836	---	---
		5240	17.714	5231.113	5248.827	---	---
		5260	17.835	5251.071	5268.906	---	---
		5300	17.721	5291.101	5308.822	---	---
		5320	17.766	5311.052	5328.818	---	---
		5500	17.773	5491.056	5508.829	---	---
		5580	17.825	5571.033	5588.858	---	---
		5700	17.782	5691.088	5708.870	---	---
		5745	17.802	5736.065	5753.867	---	---
		5785	17.851	5776.082	5793.933	---	---
		5825	17.931	5816.012	5833.943	---	---
11AC40SISO	Ant1	5190	36.090	5171.959	5208.049	---	---
		5230	36.132	5211.938	5248.070	---	---
		5270	36.148	5251.922	5288.070	---	---
		5310	36.013	5292.019	5328.032	---	---
		5510	36.167	5491.936	5528.103	---	---
		5550	36.178	5531.928	5568.106	---	---
		5670	36.251	5651.830	5688.081	---	---
		5755	36.074	5736.989	5773.063	---	---
		5795	36.107	5776.933	5813.040	---	---
11AC80SISO	Ant1	5210	75.498	5172.087	5247.585	---	---
		5290	75.572	5252.269	5327.841	---	---
		5530	75.532	5492.289	5567.821	---	---
		5775	75.611	5737.202	5812.813	---	---

Test Graphs

