

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

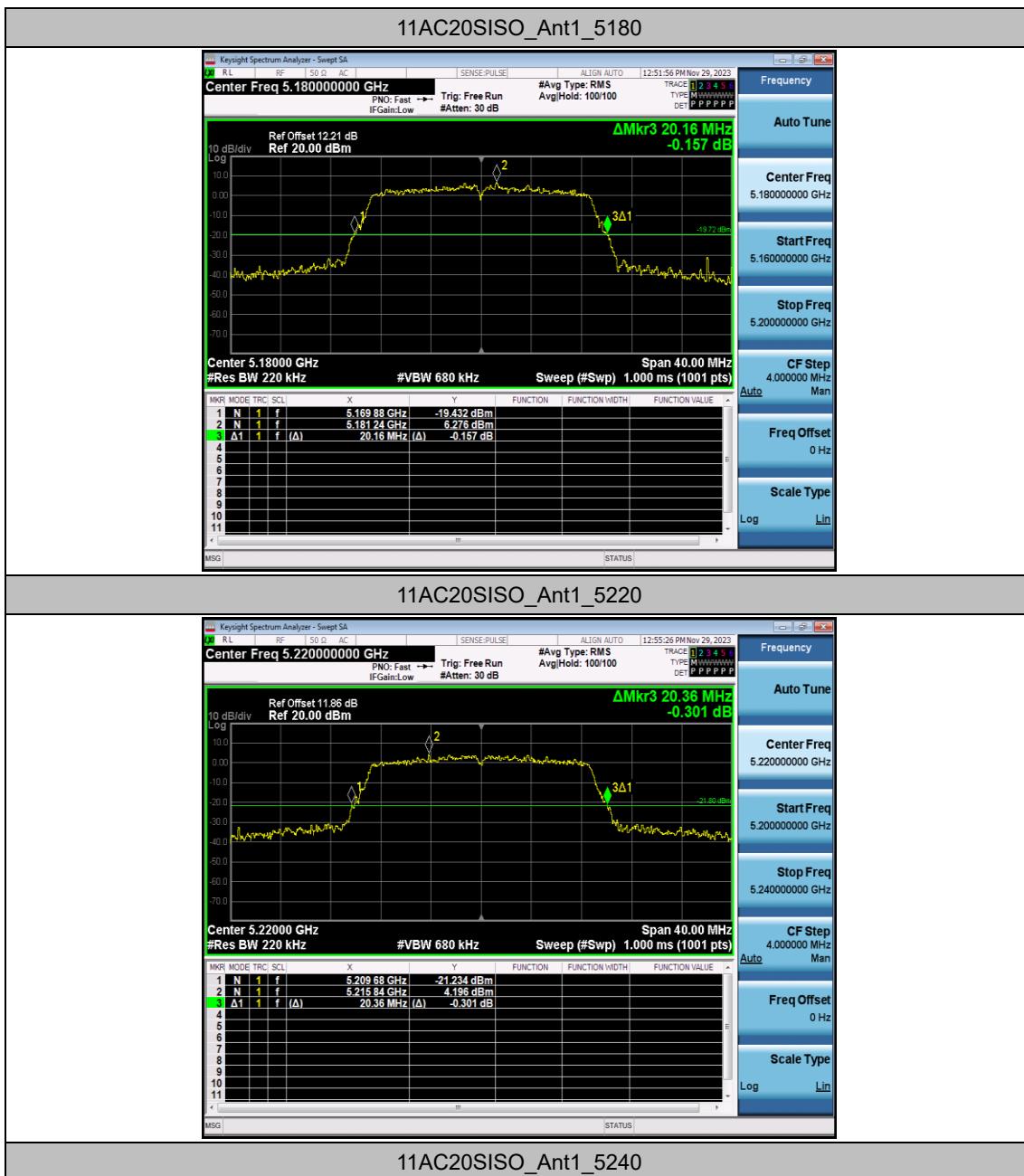
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC20SISO	Ant1	5180	20.160	5169.880	5190.040	---	---
		5220	20.360	5209.680	5230.040	---	---
		5240	20.280	5229.760	5250.040	---	---
		5260	20.160	5249.920	5270.080	---	---
		5300	19.960	5289.960	5309.920	---	---
		5320	20.040	5309.880	5329.920	---	---
		5500	19.880	5490.000	5509.880	---	---
		5580	20.080	5569.920	5590.000	---	---
		5700	20.280	5689.840	5710.120	---	---
		5745	20.200	5734.920	5755.120	---	---
		5785	20.040	5775.040	5795.080	---	---

		5825	20.400	5814.720	5835.120	---	---
11AC40SISO	Ant1	5190	40.320	5170.000	5210.320	---	---
		5230	40.880	5209.680	5250.560	---	---
		5270	40.800	5249.600	5290.400	---	---
		5310	40.400	5289.840	5330.240	---	---
		5510	40.160	5489.840	5530.000	---	---
		5550	40.080	5530.000	5570.080	---	---
		5670	41.600	5648.880	5690.480	---	---
		5755	40.560	5734.760	5775.320	---	---
		5795	40.640	5774.600	5815.240	---	---
11AC80SISO	Ant1	5210	80.960	5169.840	5250.800	---	---
		5290	80.480	5249.680	5330.160	---	---
		5530	81.440	5488.880	5570.320	---	---
		5775	80.800	5734.680	5815.480	---	---

Test Graphs





11AC20SISO_Ant1_5260



11AC20SISO Ant1 5300





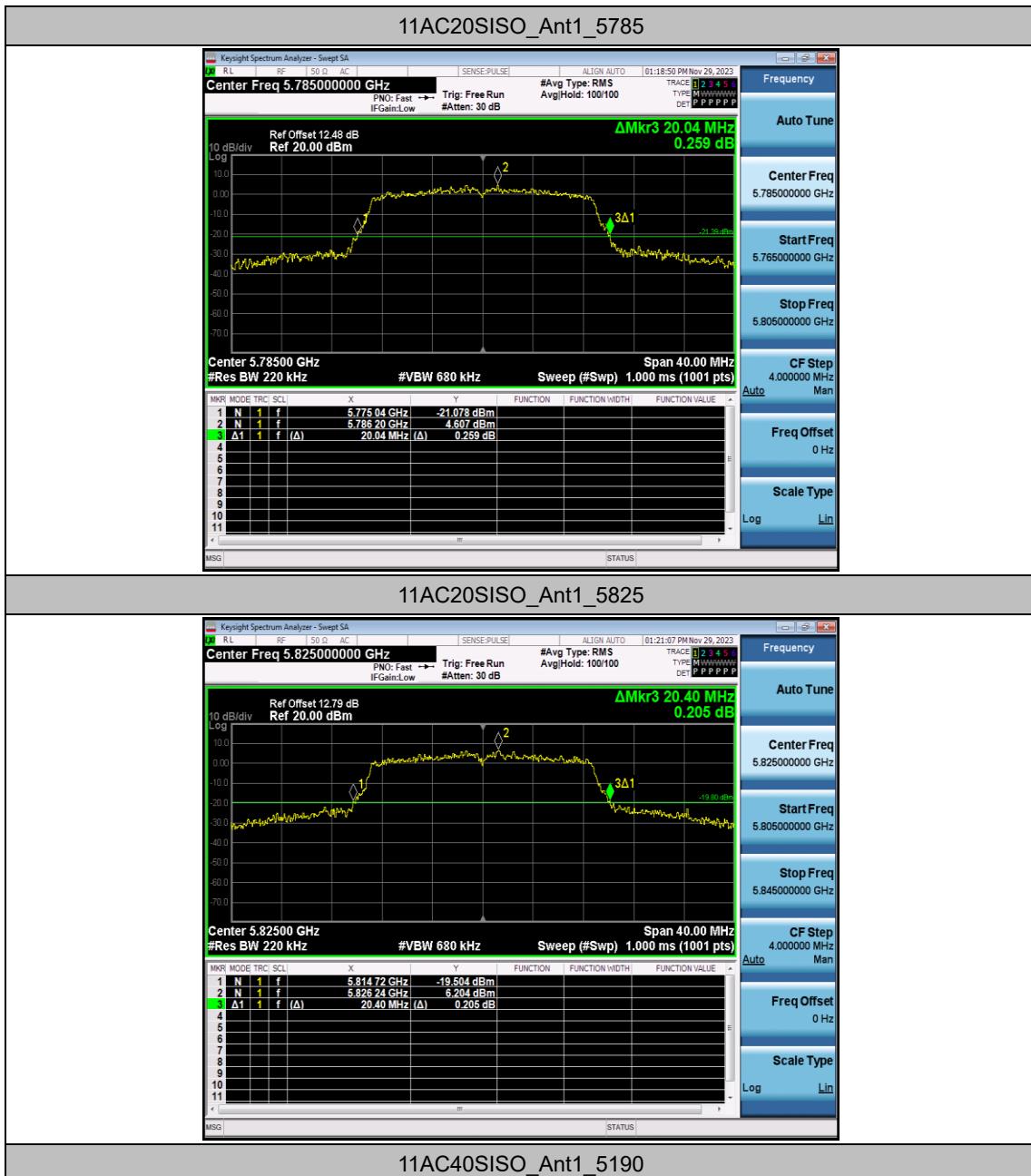


11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5745





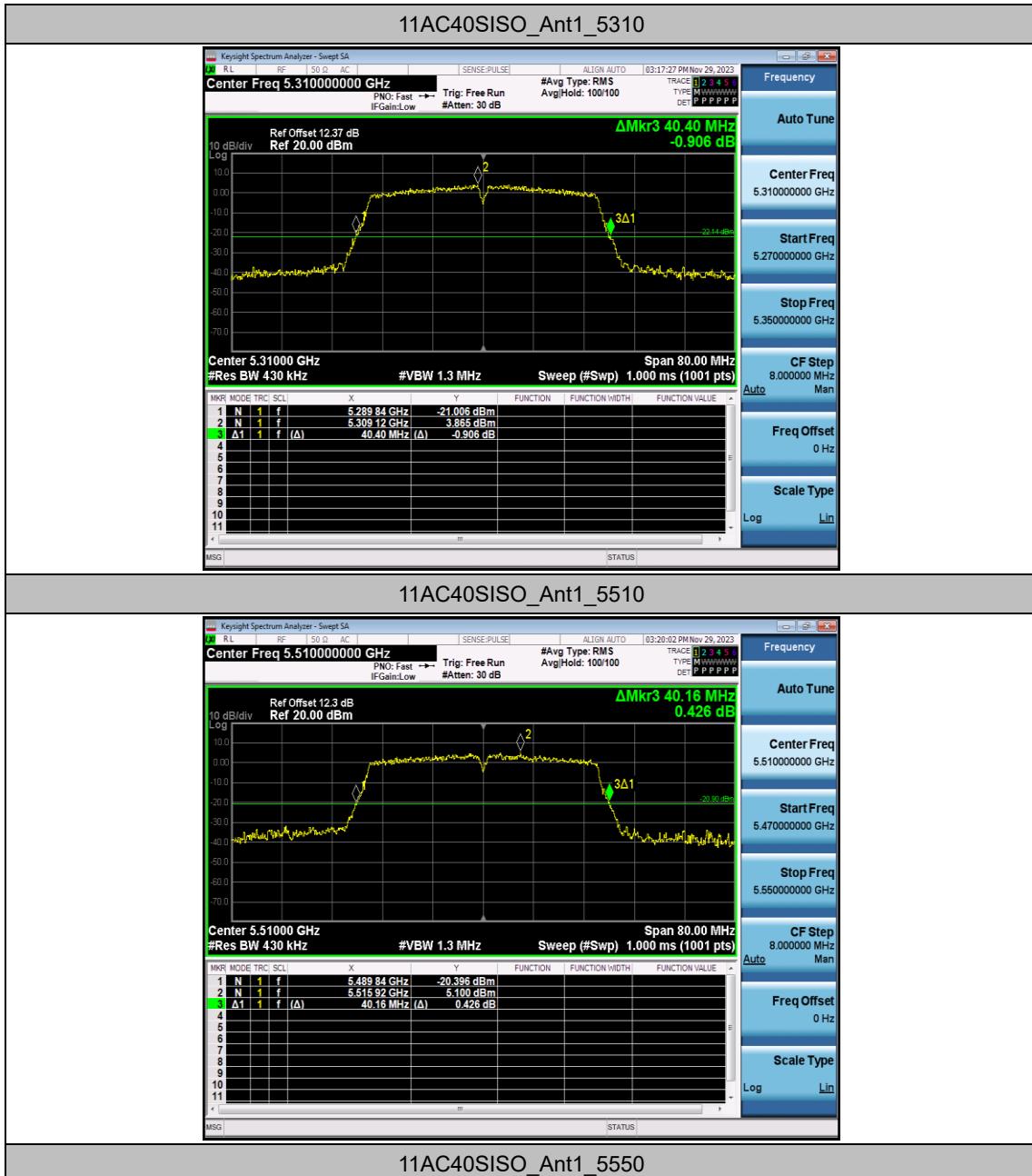


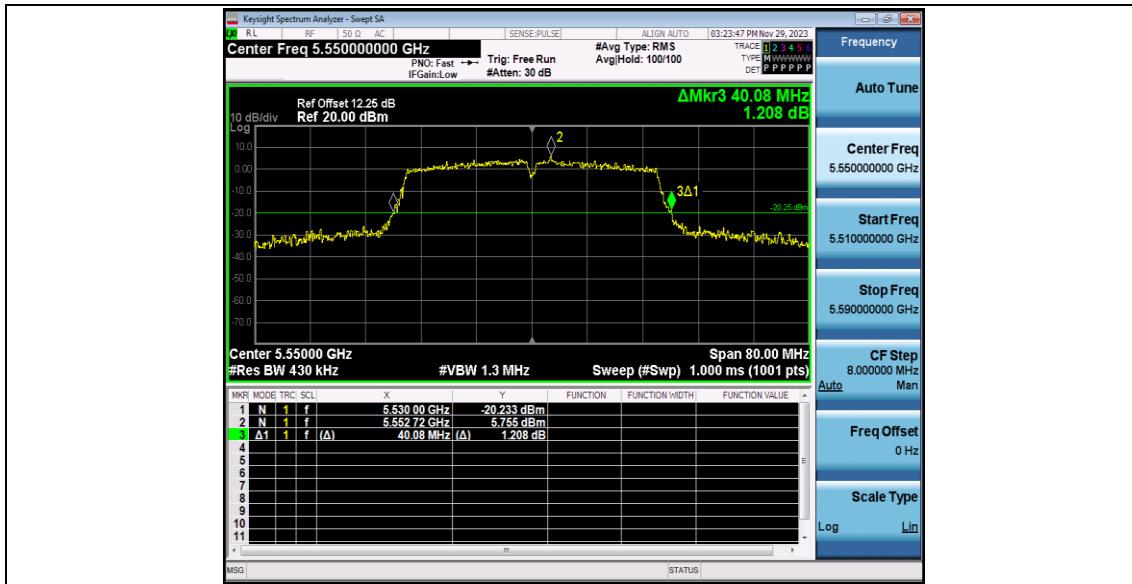
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270





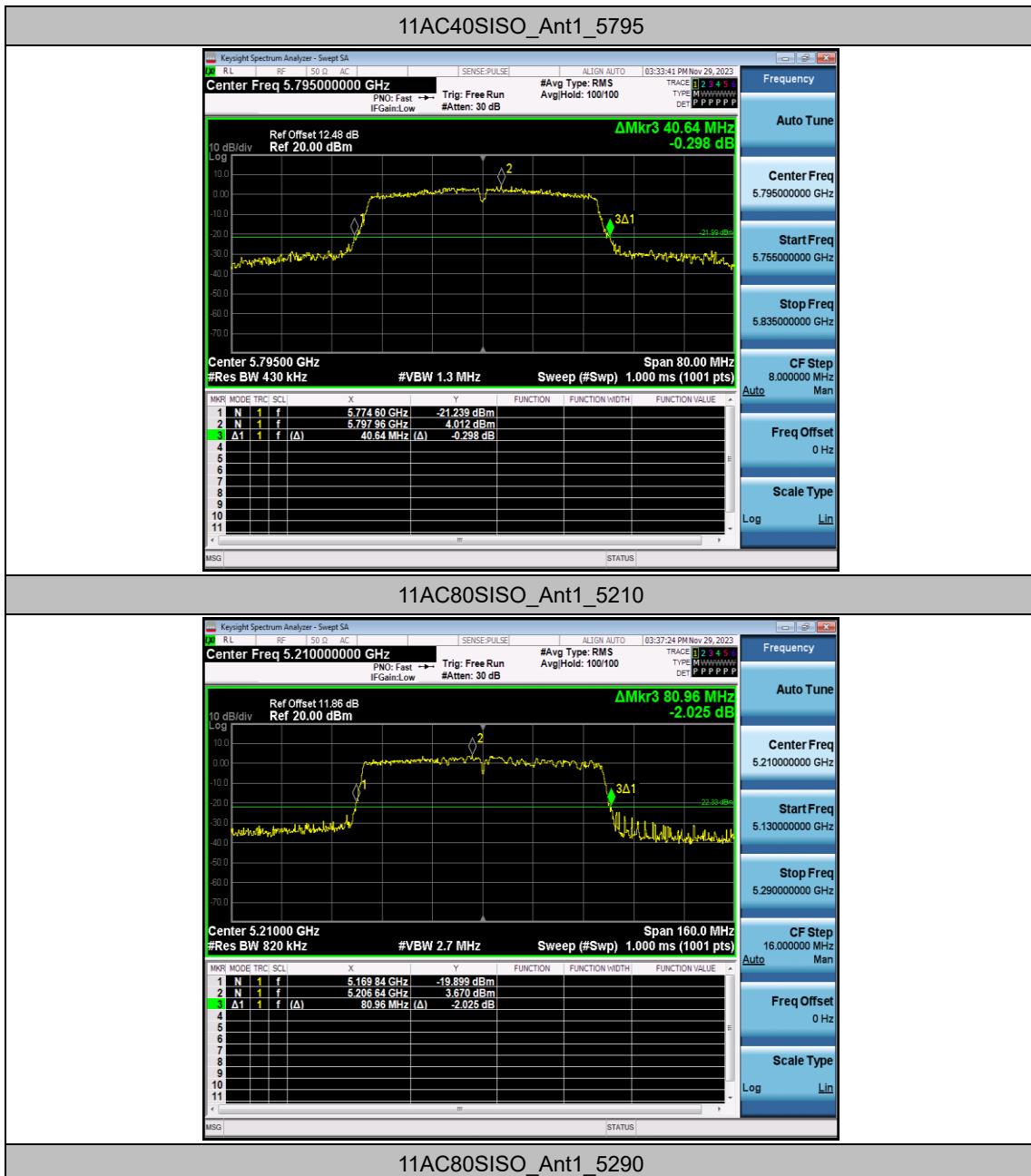


11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5755







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	17.777	5171.075	5188.852	---	---
		5220	17.734	5211.101	5228.835	---	---
		5240	17.728	5231.140	5248.868	---	---
		5260	17.811	5251.015	5268.826	---	---
		5300	17.798	5291.085	5308.883	---	---
		5320	17.752	5311.066	5328.818	---	---
		5500	17.696	5491.121	5508.817	---	---
		5580	17.830	5571.058	5588.888	---	---
		5700	17.768	5691.070	5708.838	---	---
		5745	17.767	5736.088	5753.855	---	---
		5785	17.756	5776.100	5793.856	---	---
		5825	17.871	5816.063	5833.934	---	---
11AC40SISO	Ant1	5190	36.114	5171.949	5208.063	---	---
		5230	36.149	5211.945	5248.094	---	---
		5270	36.214	5251.901	5288.115	---	---
		5310	36.003	5292.050	5328.053	---	---
		5510	36.216	5491.909	5528.125	---	---
		5550	36.216	5531.897	5568.113	---	---
		5670	36.324	5651.830	5688.154	---	---
		5755	36.163	5736.951	5773.114	---	---
		5795	36.071	5776.958	5813.029	---	---
11AC80SISO	Ant1	5210	75.515	5172.169	5247.684	---	---
		5290	75.486	5252.330	5327.816	---	---
		5530	75.335	5492.302	5567.637	---	---
		5775	75.278	5737.360	5812.638	---	---

Test Graphs

