



1.299 11AC160MIMO\_Ant1\_5570





1.300 11AC160MIMO\_Ant2\_5570





# Appendix C: Duty Cycle

## Part I - Test Results

Test Mode	Antenna	Channel	Transmission Duration[ms]	Transmission Period[ms]	Duty cycle[%]	Limit	Verdict
11A	Ant1	5180	2.729	2.751	99.19	---	PASS
11A	Ant2	5180	2.729	2.751	99.19	---	PASS
11A	Ant1	5200	2.729	2.751	99.19	---	PASS
11A	Ant2	5200	2.729	2.751	99.19	---	PASS
11A	Ant1	5240	2.729	2.751	99.19	---	PASS
11A	Ant2	5240	2.729	2.751	99.19	---	PASS
11A	Ant1	5260	2.729	2.751	99.19	---	PASS
11A	Ant2	5260	2.729	2.751	99.19	---	PASS
11A	Ant1	5280	2.729	2.751	99.19	---	PASS
11A	Ant2	5280	2.729	2.751	99.19	---	PASS
11A	Ant1	5300	2.729	2.751	99.19	---	PASS
11A	Ant2	5300	2.729	2.751	99.19	---	PASS
11A	Ant1	5320	2.729	2.751	99.19	---	PASS
11A	Ant2	5320	2.729	2.751	99.19	---	PASS
11A	Ant1	5500	2.729	2.751	99.19	---	PASS
11A	Ant2	5500	2.729	2.751	99.19	---	PASS
11A	Ant1	5520	2.729	2.751	99.19	---	PASS
11A	Ant2	5520	2.729	2.751	99.19	---	PASS
11A	Ant1	5580	2.729	2.751	99.19	---	PASS
11A	Ant2	5580	2.729	2.751	99.19	---	PASS
11A	Ant1	5680	2.729	2.751	99.19	---	PASS
11A	Ant2	5680	2.729	2.751	99.19	---	PASS
11A	Ant1	5700	2.729	2.751	99.19	---	PASS
11A	Ant2	5700	2.729	2.751	99.19	---	PASS
11A	Ant1	5745	2.729	2.751	99.19	---	PASS
11A	Ant2	5745	2.729	2.751	99.19	---	PASS
11A	Ant1	5785	2.729	2.751	99.19	---	PASS
11A	Ant2	5785	2.729	2.751	99.19	---	PASS
11A	Ant1	5805	2.729	2.751	99.19	---	PASS
11A	Ant2	5805	2.729	2.751	99.19	---	PASS
11A	Ant1	5825	2.729	2.751	99.19	---	PASS
11A	Ant2	5825	2.729	2.751	99.19	---	PASS
11N20SISO	Ant1	5180	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5180	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5200	2.536	2.559	99.12	---	PASS



11N20SISO	Ant2	5200	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5240	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5240	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5260	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5260	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5280	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5280	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5300	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5300	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5320	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5320	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5500	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5500	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5520	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5520	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5580	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5580	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5680	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5680	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5700	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5700	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5745	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5745	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5785	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5785	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5805	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5805	2.536	2.559	99.12	---	PASS
11N20SISO	Ant1	5825	2.536	2.559	99.12	---	PASS
11N20SISO	Ant2	5825	2.536	2.559	99.12	---	PASS
11N40SISO	Ant1	5190	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5190	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5230	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5230	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5270	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5270	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5310	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5310	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5510	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5510	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5550	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5550	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5630	1.241	1.267	97.9	---	PASS
11N40SISO	Ant2	5630	1.241	1.267	97.9	---	PASS
11N40SISO	Ant1	5670	1.241	1.266	97.98	---	PASS
11N40SISO	Ant2	5670	1.241	1.266	97.98	---	PASS
11N40SISO	Ant1	5755	1.241	1.266	97.98	---	PASS
11N40SISO	Ant2	5755	1.241	1.266	97.98	---	PASS



11N40SISO	Ant1	5795	1.241	1.266	97.98	---	PASS
11N40SISO	Ant2	5795	1.24	1.266	97.9	---	PASS
11AC20SISO	Ant1	5180	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5180	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5200	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5200	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5240	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5240	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5260	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5260	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5280	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5280	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5300	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5300	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5320	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5320	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5500	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5500	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5520	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5520	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5580	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5580	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5680	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5680	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5700	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5700	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant1	5745	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5745	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5785	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5785	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5805	2.549	2.572	99.13	---	PASS
11AC20SISO	Ant2	5805	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant1	5825	2.548	2.571	99.13	---	PASS
11AC20SISO	Ant2	5825	2.549	2.572	99.13	---	PASS
11AC40SISO	Ant1	5190	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant2	5190	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5230	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant2	5230	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5270	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant2	5270	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5310	1.248	1.275	97.91	---	PASS
11AC40SISO	Ant2	5310	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5510	1.249	1.276	97.91	---	PASS
11AC40SISO	Ant2	5510	1.249	1.276	97.91	---	PASS
11AC40SISO	Ant1	5550	1.249	1.276	97.91	---	PASS
11AC40SISO	Ant2	5550	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5630	1.249	1.276	97.91	---	PASS



11AC40SISO	Ant2	5630	1.249	1.276	97.91	---	PASS
11AC40SISO	Ant1	5670	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant2	5670	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5755	1.249	1.276	97.91	---	PASS
11AC40SISO	Ant2	5755	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant1	5795	1.249	1.275	97.99	---	PASS
11AC40SISO	Ant2	5795	1.249	1.276	97.91	---	PASS
11AC80SISO	Ant1	5210	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant2	5210	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant1	5290	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant2	5290	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant1	5530	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant2	5530	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant1	5610	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant2	5610	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant1	5775	0.601	0.624	96.24	---	PASS
11AC80SISO	Ant2	5775	0.601	0.624	96.24	---	PASS
11AC160SISO	Ant1	5250	0.321	0.345	93.19	---	PASS
11AC160SISO	Ant2	5250	0.32	0.343	93.17	---	PASS
11AC160SISO	Ant1	5570	0.321	0.345	93.19	---	PASS
11AC160SISO	Ant2	5570	0.321	0.345	93.19	---	PASS
11A20CDD	Ant1	5180	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5180	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5200	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5200	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5240	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5240	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5260	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5260	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5280	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5280	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5300	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5300	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5320	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5320	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5500	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5500	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5520	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5520	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5580	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5580	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5680	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5680	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5700	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5700	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5745	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5745	2.729	2.751	99.19	---	PASS



11A20CDD	Ant1	5785	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5785	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5805	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5805	2.729	2.751	99.19	---	PASS
11A20CDD	Ant1	5825	2.729	2.751	99.19	---	PASS
11A20CDD	Ant2	5825	2.729	2.751	99.19	---	PASS
11N20MIMO	Ant1	5180	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5180	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5200	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5200	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5240	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5240	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5260	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5260	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5280	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant2	5280	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5300	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5300	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5320	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5320	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5500	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5500	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5520	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5520	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5580	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5580	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5680	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant2	5680	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5700	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5700	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant1	5745	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5745	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5785	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant2	5785	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5805	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5805	1.294	1.315	98.38	---	PASS
11N20MIMO	Ant1	5825	1.293	1.315	98.3	---	PASS
11N20MIMO	Ant2	5825	1.293	1.315	98.3	---	PASS
11N40MIMO	Ant1	5190	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5190	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5230	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5230	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5270	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5270	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5310	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5310	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5510	0.644	0.671	96.03	---	PASS



11N40MIMO	Ant2	5510	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5550	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5550	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5630	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5630	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5670	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5670	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5755	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5755	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant1	5795	0.644	0.671	96.03	---	PASS
11N40MIMO	Ant2	5795	0.644	0.671	96.03	---	PASS
11AC20MIMO	Ant1	5180	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5180	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5200	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5200	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5240	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5240	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5260	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5260	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5280	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5280	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5300	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5300	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5320	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5320	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant1	5500	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5500	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant1	5520	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5520	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5580	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5580	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant1	5680	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5680	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant1	5700	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5700	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant1	5745	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5745	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5785	2.548	2.571	99.13	---	PASS
11AC20MIMO	Ant2	5785	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5805	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5805	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant1	5825	2.549	2.572	99.13	---	PASS
11AC20MIMO	Ant2	5825	2.549	2.572	99.13	---	PASS
11AC40MIMO	Ant1	5190	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5190	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5230	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5230	1.249	1.276	97.91	---	PASS





11AC40MIMO	Ant1	5270	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5270	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5310	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5310	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5510	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5510	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5550	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5550	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5630	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5630	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5670	1.249	1.273	98.16	---	PASS
11AC40MIMO	Ant2	5670	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5755	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5755	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant1	5795	1.249	1.276	97.91	---	PASS
11AC40MIMO	Ant2	5795	1.249	1.276	97.91	---	PASS
11AC80MIMO	Ant1	5210	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant2	5210	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant1	5290	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant2	5290	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant1	5530	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant2	5530	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant1	5610	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant2	5610	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant1	5775	0.601	0.624	96.24	---	PASS
11AC80MIMO	Ant2	5775	0.601	0.624	96.24	---	PASS
11AC160MIMO	Ant1	5250	0.321	0.346	92.9	---	PASS
11AC160MIMO	Ant2	5250	0.321	0.346	92.9	---	PASS
11AC160MIMO	Ant1	5570	0.321	0.346	92.9	---	PASS
11AC160MIMO	Ant2	5570	0.321	0.346	92.9	---	PASS



### Part II - Test Graphs

#### 1.1 11A\_Ant1\_5180





1.2 11A\_Ant2\_5180





1.3 11A\_Ant1\_5200





1.4 11A\_Ant2\_5200





1.5 11A\_Ant1\_5240



1.6 11A\_Ant2\_5240





1.7 11A\_Ant1\_5260







1.8 11A\_Ant2\_5260





1.9 11A\_Ant1\_5280



1.10 11A\_Ant2\_5280





1.11 11A\_Ant1\_5300





1.12 11A\_Ant2\_5300





1.13 11A\_Ant1\_5320





1.14 11A\_Ant2\_5320





1.15 11A\_Ant1\_5500







1.16 11A\_Ant2\_5500





1.17 11A\_Ant1\_5520





1.18 11A\_Ant2\_5520





1.19 11A\_Ant1\_5580





1.20 11A\_Ant2\_5580



1.21 11A\_Ant1\_5680





1.22 11A\_Ant2\_5680



1.23 11A\_Ant1\_5700







1.24 11A\_Ant2\_5700





1.25 11A\_Ant1\_5745





1.26 11A\_Ant2\_5745



1.27 11A\_Ant1\_5785





1.28 11A\_Ant2\_5785



1.29 11A\_Ant1\_5805





1.30 11A\_Ant2\_5805





1.31 11A\_Ant1\_5825







1.32 11A\_Ant2\_5825





1.33 11N20SISO\_Ant1\_5180





1.34 11N20SISO\_Ant2\_5180





### 1.35 11N20SISO\_Ant1\_5200





### 1.36 11N20SISO\_Ant2\_5200





1.37 11N20SISO\_Ant1\_5240





1.38 11N20SISO\_Ant2\_5240





1.39 11N20SISO\_Ant1\_5260







1.40 11N20SISO\_Ant2\_5260





1.41 11N20SISO\_Ant1\_5280





1.42 11N20SISO\_Ant2\_5280





### 1.43 11N20SISO\_Ant1\_5300





1.44 11N20SISO\_Ant2\_5300





1.45 11N20SISO\_Ant1\_5320





1.46 11N20SISO\_Ant2\_5320





1.47 11N20SISO\_Ant1\_5500







### 1.48 11N20SISO\_Ant2\_5500





1.49 11N20SISO\_Ant1\_5520





1.50 11N20SISO\_Ant2\_5520





1.51 11N20SISO\_Ant1\_5580





1.52 11N20SISO\_Ant2\_5580





1.53 11N20SISO\_Ant1\_5680





1.54 11N20SISO\_Ant2\_5680





1.55 11N20SISO\_Ant1\_5700







1.56 11N20SISO\_Ant2\_5700





1.57 11N20SISO\_Ant1\_5745





1.58 11N20SISO\_Ant2\_5745





1.59 11N20SISO\_Ant1\_5785



1.60 11N20SISO\_Ant2\_5785





1.61 11N20SISO\_Ant1\_5805





1.62 11N20SISO\_Ant2\_5805





1.63 11N20SISO\_Ant1\_5825







1.64 11N20SISO\_Ant2\_5825





1.65 11N40SISO\_Ant1\_5190





1.66 11N40SISO\_Ant2\_5190





1.67 11N40SISO\_Ant1\_5230





1.68 11N40SISO\_Ant2\_5230





1.69 11N40SISO\_Ant1\_5270





1.70 11N40SISO\_Ant2\_5270





1.71 11N40SISO\_Ant1\_5310







1.72 11N40SISO\_Ant2\_5310



1.73 11N40SISO\_Ant1\_5510





1.74 11N40SISO\_Ant2\_5510





1.75 11N40SISO\_Ant1\_5550





1.76 11N40SISO\_Ant2\_5550





1.77 11N40SISO\_Ant1\_5630





1.78 11N40SISO\_Ant2\_5630





1.79 11N40SISO\_Ant1\_5670







1.80 11N40SISO\_Ant2\_5670





1.81 11N40SISO\_Ant1\_5755





1.82 11N40SISO\_Ant2\_5755





1.83 11N40SISO\_Ant1\_5795



1.84 11N40SISO\_Ant2\_5795





1.85 11AC20SISO\_Ant1\_5180





1.86 11AC20SISO\_Ant2\_5180





1.87 11AC20SISO\_Ant1\_5200







1.88 11AC20SISO\_Ant2\_5200





1.89 11AC20SISO\_Ant1\_5240





1.90 11AC20SISO\_Ant2\_5240





1.91 11AC20SISO\_Ant1\_5260





1.92 11AC20SISO\_Ant2\_5260





1.93 11AC20SISO\_Ant1\_5280





1.94 11AC20SISO\_Ant2\_5280





1.95 11AC20SISO\_Ant1\_5300







1.96 11AC20SISO\_Ant2\_5300





1.97 11AC20SISO\_Ant1\_5320





1.98 11AC20SISO\_Ant2\_5320





1.99 11AC20SISO\_Ant1\_5500





1.100 11AC20SISO\_Ant2\_5500





1.101 11AC20SISO\_Ant1\_5520



1.102 11AC20SISO\_Ant2\_5520





1.103 11AC20SISO\_Ant1\_5580







1.104 11AC20SISO\_Ant2\_5580





1.105 11AC20SISO\_Ant1\_5680





1.106 11AC20SISO\_Ant2\_5680





1.107 11AC20SISO\_Ant1\_5700





1.108 11AC20SISO\_Ant2\_5700





1.109 11AC20SISO\_Ant1\_5745





1.110 11AC20SISO\_Ant2\_5745





1.111 11AC20SISO\_Ant1\_5785







1.112 11AC20SISO\_Ant2\_5785





1.113 11AC20SISO\_Ant1\_5805





1.114 11AC20SISO\_Ant2\_5805



1.115 11AC20SISO\_Ant1\_5825





1.116 11AC20SISO\_Ant2\_5825





1.117 11AC40SISO\_Ant1\_5190

