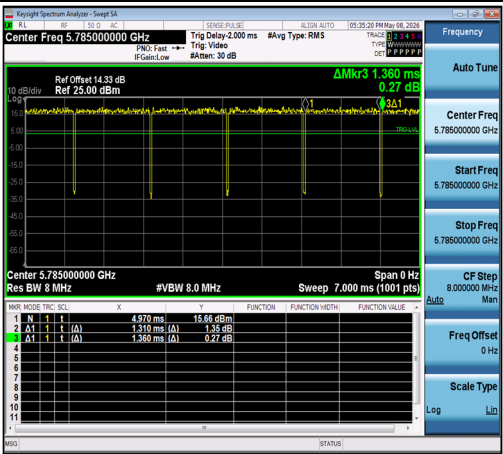
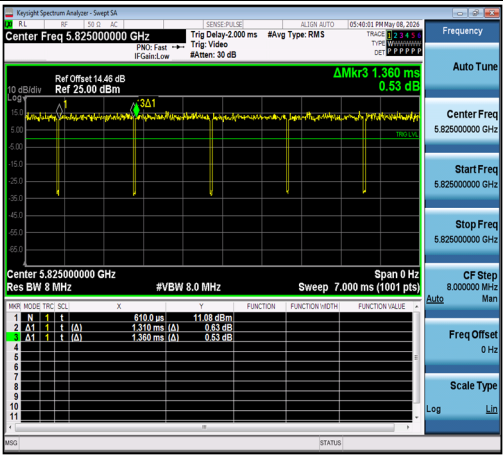
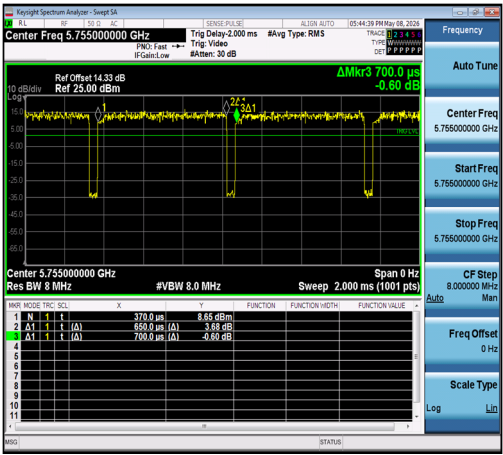




NTNV-11AC20SISO-Ant1-5785



NTNV-11AC20SISO-Ant1-5825



NTNV-11AC40SISO-Ant1-5755



Appendix C: Maximum conducted output power**Test Result Channel Power**

Test Mode	Antenna	Frequency [MHz]	TPC	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Verdict
11A	Ant1	5745	NA	13.41	95.39	0.20	13.61	PASS
11A	Ant1	5785	NA	13.73	97.20	0.12	13.85	PASS
11A	Ant1	5825	NA	13.32	96.53	0.15	13.47	PASS
11N20SISO	Ant1	5745	NA	12.63	96.30	0.16	12.79	PASS
11N20SISO	Ant1	5785	NA	12.78	97.01	0.13	12.91	PASS
11N20SISO	Ant1	5825	NA	12.32	96.30	0.16	12.48	PASS
11N40SISO	Ant1	5755	NA	12.67	94.20	0.26	12.93	PASS
11N40SISO	Ant1	5795	NA	12.39	94.20	0.26	12.65	PASS
11AC20SISO	Ant1	5745	NA	12.75	96.32	0.16	12.91	PASS
11AC20SISO	Ant1	5785	NA	12.64	96.32	0.16	12.80	PASS
11AC20SISO	Ant1	5825	NA	8.31	96.32	0.16	8.47	PASS
11AC40SISO	Ant1	5755	NA	12.47	92.86	0.32	12.79	PASS
11AC40SISO	Ant1	5795	NA	12.27	94.20	0.26	12.53	PASS
11AC80SISO	Ant1	5775	NA	12.19	89.19	0.50	12.69	PASS

Note: The Duty Cycle Factor is compensated in the graph.

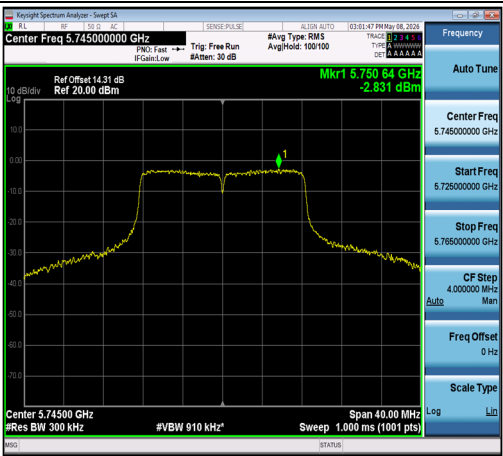
Appendix D: Maximum power spectral density**Test Result**

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-0.41	≤30.00	PASS
11A	Ant1	5785	0.75	≤30.00	PASS
11A	Ant1	5825	0.54	≤30.00	PASS
11N20SISO	Ant1	5745	-0.06	≤30.00	PASS
11N20SISO	Ant1	5785	-0.23	≤30.00	PASS
11N20SISO	Ant1	5825	-0.54	≤30.00	PASS
11N40SISO	Ant1	5755	-3.03	≤30.00	PASS
11N40SISO	Ant1	5795	-3.36	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.04	≤30.00	PASS
11AC20SISO	Ant1	5785	-0.20	≤30.00	PASS
11AC20SISO	Ant1	5825	-4.67	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.44	≤30.00	PASS
11AC40SISO	Ant1	5795	-3.70	≤30.00	PASS
11AC80SISO	Ant1	5775	-6.40	≤30.00	PASS

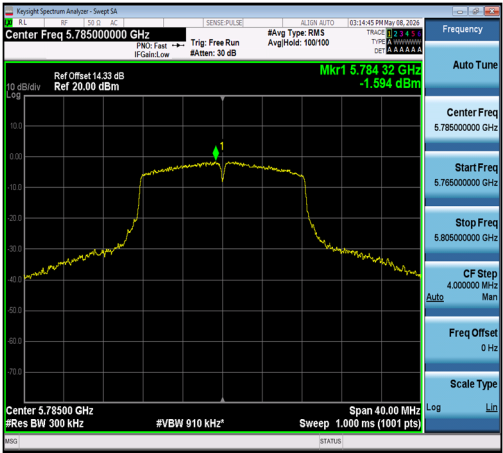
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

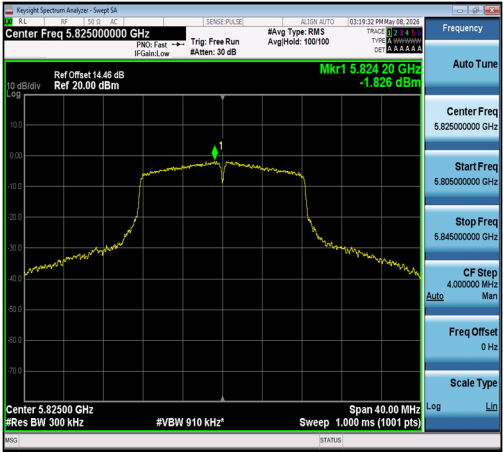
Test Graphs



11A-Ant1-5745-PASS



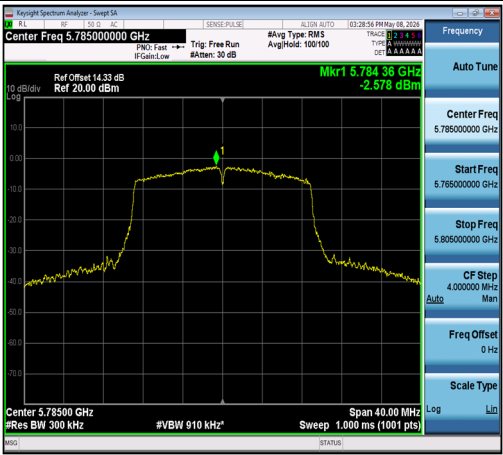
11A-Ant1-5785-PASS



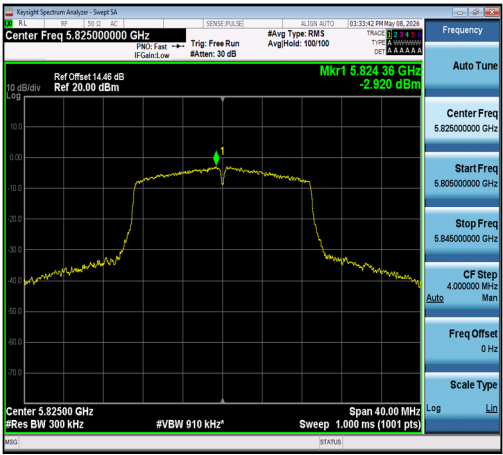
11A-Ant1-5825-PASS



11N20SISO-Ant1-5745-PASS



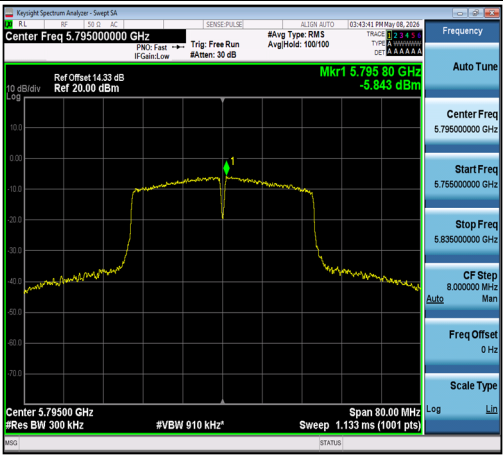
11N20SISO-Ant1-5785-PASS



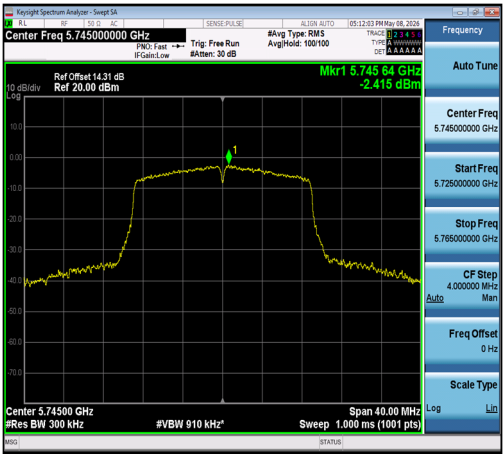
11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5755-PASS



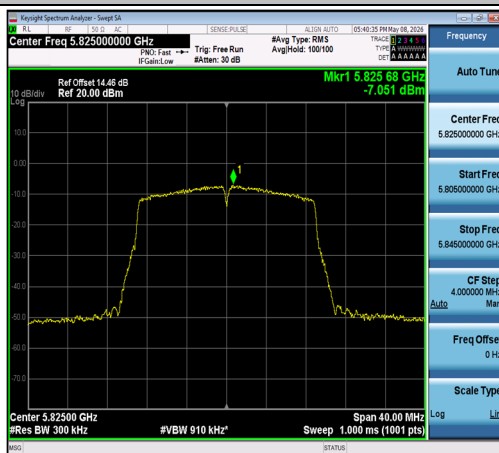
11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5745-PASS



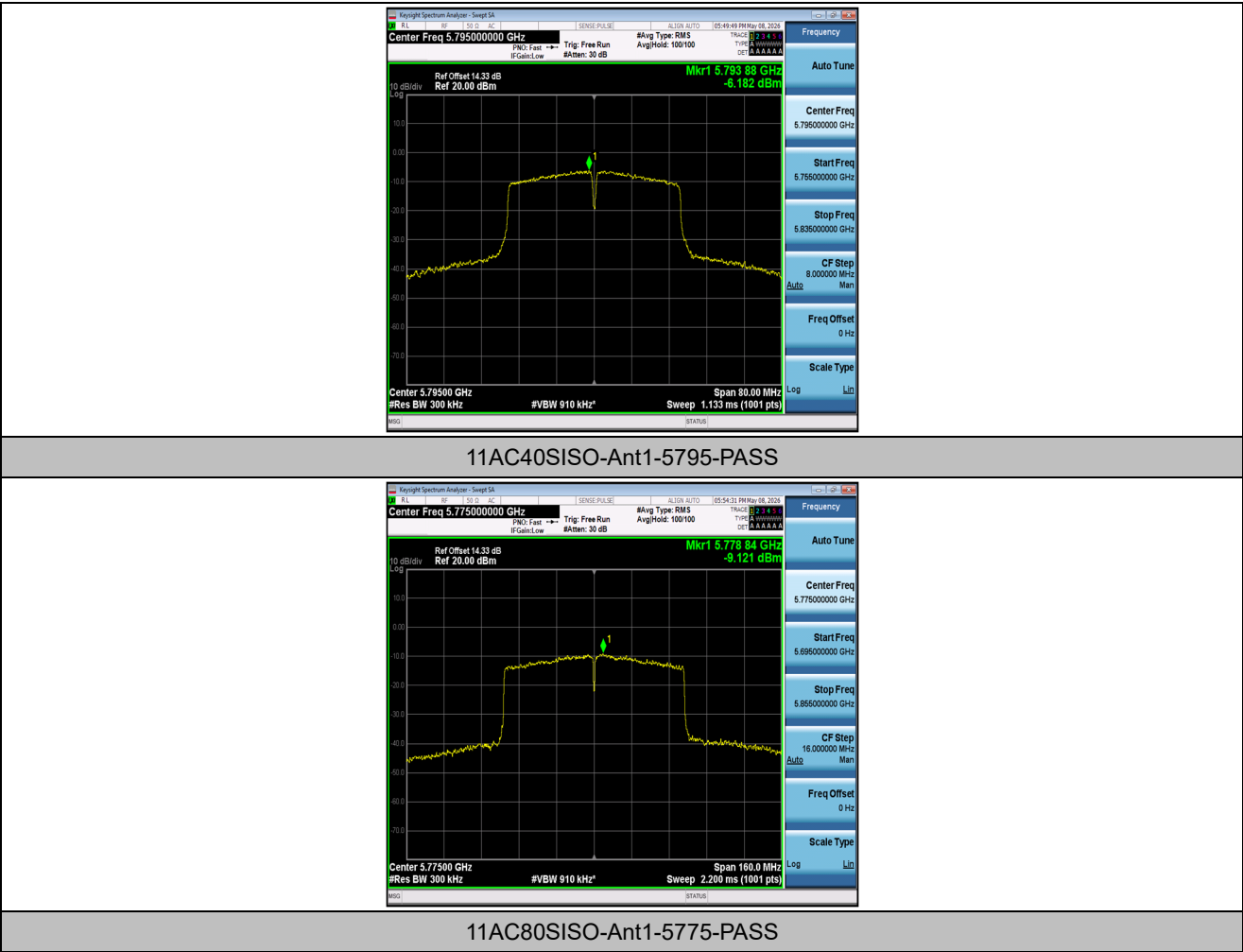
11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5755-PASS



Appendix E: Frequency Stability**Test Result**

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5785	HV	NT	-60000.00	-10.371651	20	PASS
11N20SISO	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11N40SISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS

O								
11AC20SIS O	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11AC20SIS O	Ant1	5825	HV	NT	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AC40SIS O	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	LV	NT	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC80SIS O	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AC80SIS O	Ant1	5775	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequenc y[MHz]	Voltage [Vdc]	Temperat ure (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	20	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	-20	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS

11A	Ant1	5785	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	-30	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	NV	-20	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	-20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	30	-60000.00	-10.300429	20	PASS
11N20SISO	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS

11N40SISO	Ant1	5755	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	-10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC20SISO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11AC20SISO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11AC20SISO	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS

O								
11AC20SIS O	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11AC20SIS O	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11AC20SIS O	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11AC20SIS O	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11AC20SIS O	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AC20SIS O	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AC20SIS O	Ant1	5825	NV	-10	-20000.00	-3.433476	20	PASS
11AC20SIS O	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11AC20SIS O	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11AC20SIS O	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AC20SIS O	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11AC20SIS O	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11AC20SIS O	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11AC40SIS O	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AC40SIS O	Ant1	5755	NV	-20	40000.00	6.950478	20	PASS
11AC40SIS O	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AC40SIS O	Ant1	5755	NV	0	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5755	NV	10	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11AC40SIS O	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11AC40SIS	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS

O								
11AC40SIS O	Ant1	5755	NV	50	-80000.00	-13.900956	20	PASS
11AC40SIS O	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	NV	-10	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5795	NV	0	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	NV	20	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	NV	30	0.00	0.000000	20	PASS
11AC40SIS O	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40SIS O	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC80SIS O	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	-20	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	-10	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	0	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	10	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80SIS O	Ant1	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80SIS O	Ant1	5775	NV	40	0.00	0.000000	20	PASS
11AC80SIS O	Ant1	5775	NV	50	0.00	0.000000	20	PASS

APPENDIX PHOTOGRAPHS

Please refer to “ANNEX”

***** END OF REPORT *****