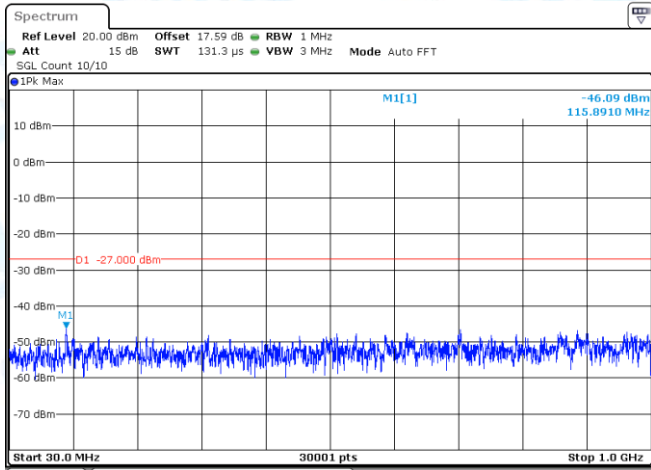
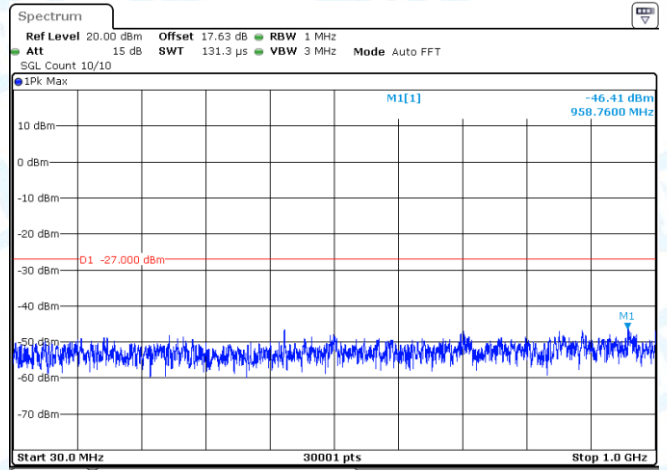




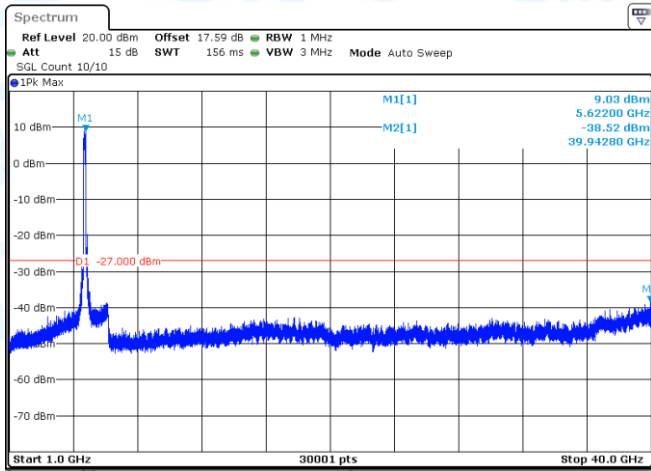
Date: 27.APR.2025 00:37:52



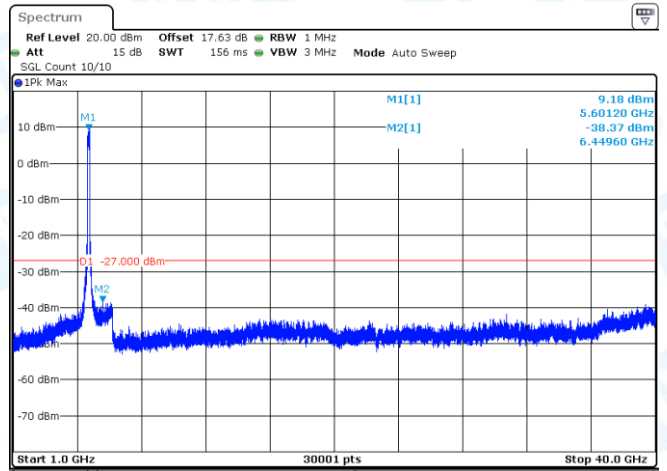
Date: 27.APR.2025 00:39:14

11AX160-CDD-Ant1-5570-30~1000-PASS

11AX160-CDD-Ant2-5570-30~1000-PASS



Date: 27.APR.2025 00:38:03



Date: 27.APR.2025 00:39:25

11AX160-CDD-Ant1-5570-1000~40000-PASS

11AX160-CDD-Ant2-5570-1000~40000-PASS

8: Frequency Stability

8.1 Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20-CDD	Ant1	5180	NV	NT	-10000.00	-1.930502	20	PASS
11AX20-CDD	Ant1	5180	LV	NT	-10000.00	-1.930502	20	PASS
11AX20-CDD	Ant1	5180	HV	NT	-10000.00	-1.930502	20	PASS
11AX20-CDD	Ant2	5180	NV	NT	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	LV	NT	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	HV	NT	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant1	5260	NV	NT	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	LV	NT	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	HV	NT	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant2	5260	NV	NT	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant2	5260	LV	NT	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant2	5260	HV	NT	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant1	5500	NV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	LV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	HV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	LV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	HV	NT	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5745	NV	NT	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant1	5745	LV	NT	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant1	5745	HV	NT	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant2	5745	NV	NT	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant2	5745	LV	NT	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant2	5745	HV	NT	-14000.00	-2.436902	20	PASS
11AX40-CDD	Ant1	5190	NV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	LV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	HV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	LV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	HV	NT	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5270	NV	NT	-13000.00	-2.466793	20	PASS
11AX40-CDD	Ant1	5270	LV	NT	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5270	HV	NT	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	NV	NT	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	LV	NT	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	HV	NT	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5510	NV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	LV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	HV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	LV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	HV	NT	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5755	NV	NT	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant1	5755	LV	NT	-13000.00	-2.258905	20	PASS
11AX40-CDD	Ant1	5755	HV	NT	-13000.00	-2.258905	20	PASS
11AX40-CDD	Ant2	5755	NV	NT	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	LV	NT	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	HV	NT	-14000.00	-2.432667	20	PASS
11AX80-CDD	Ant1	5210	NV	NT	-14000.00	-2.687140	20	PASS
11AX80-CDD	Ant1	5210	LV	NT	-14000.00	-2.687140	20	PASS
11AX80-CDD	Ant1	5210	HV	NT	-14000.00	-2.687140	20	PASS
11AX80-CDD	Ant2	5210	NV	NT	-12000.00	-2.303263	20	PASS

11AX80-CDD	Ant2	5210	LV	NT	-12000.00	-2.303263	20	PASS
11AX80-CDD	Ant2	5210	HV	NT	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant1	5290	NV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5290	LV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5290	HV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	LV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	HV	NT	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5530	NV	NT	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	LV	NT	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	HV	NT	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	NV	NT	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	LV	NT	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	HV	NT	-14000.00	-2.531646	20	PASS
11AX80-CDD	Ant1	5775	NV	NT	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant1	5775	LV	NT	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant1	5775	HV	NT	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	NT	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	LV	NT	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	HV	NT	-14000.00	-2.424242	20	PASS
11AX160-CDD	Ant1	5250	NV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	LV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	HV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	LV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	HV	NT	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5570	NV	NT	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	LV	NT	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	HV	NT	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant2	5570	NV	NT	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant2	5570	LV	NT	-14000.00	-2.513465	20	PASS
11AX160-CDD	Ant2	5570	HV	NT	-13000.00	-2.333932	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AX20-CDD	Ant1	5180	NV	0	-10000.00	-1.930502	20	PASS
11AX20-CDD	Ant1	5180	NV	10	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant1	5180	NV	20	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant1	5180	NV	30	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant1	5180	NV	45	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	NV	0	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	NV	10	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	NV	20	-11000.00	-2.123552	20	PASS
11AX20-CDD	Ant2	5180	NV	30	-12000.00	-2.316602	20	PASS
11AX20-CDD	Ant2	5180	NV	45	-12000.00	-2.316602	20	PASS
11AX20-CDD	Ant1	5260	NV	0	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	NV	10	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	NV	20	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	NV	30	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant1	5260	NV	45	-13000.00	-2.471483	20	PASS
11AX20-CDD	Ant2	5260	NV	0	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant2	5260	NV	10	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant2	5260	NV	20	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant2	5260	NV	30	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant2	5260	NV	45	-12000.00	-2.281369	20	PASS
11AX20-CDD	Ant1	5500	NV	0	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	NV	10	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	NV	20	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	NV	30	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5500	NV	45	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	0	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	10	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	20	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	30	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant2	5500	NV	45	-13000.00	-2.363636	20	PASS
11AX20-CDD	Ant1	5745	NV	0	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant1	5745	NV	10	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant1	5745	NV	20	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant1	5745	NV	30	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant1	5745	NV	45	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant2	5745	NV	0	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant2	5745	NV	10	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant2	5745	NV	20	-13000.00	-2.262837	20	PASS
11AX20-CDD	Ant2	5745	NV	30	-14000.00	-2.436902	20	PASS
11AX20-CDD	Ant2	5745	NV	45	-13000.00	-2.262837	20	PASS
11AX40-CDD	Ant1	5190	NV	0	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	NV	10	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	NV	20	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	NV	30	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5190	NV	45	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	0	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	10	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	20	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	30	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant2	5190	NV	45	-12000.00	-2.312139	20	PASS
11AX40-CDD	Ant1	5270	NV	0	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5270	NV	10	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5270	NV	20	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5270	NV	30	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5270	NV	45	-12000.00	-2.277040	20	PASS

11AX40-CDD	Ant2	5270	NV	0	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	NV	10	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	NV	20	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant2	5270	NV	30	-13000.00	-2.466793	20	PASS
11AX40-CDD	Ant2	5270	NV	45	-12000.00	-2.277040	20	PASS
11AX40-CDD	Ant1	5510	NV	0	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	NV	10	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	NV	20	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	NV	30	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5510	NV	45	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	0	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	10	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	20	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	30	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant2	5510	NV	45	-13000.00	-2.359347	20	PASS
11AX40-CDD	Ant1	5755	NV	0	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant1	5755	NV	10	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant1	5755	NV	20	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant1	5755	NV	30	-13000.00	-2.258905	20	PASS
11AX40-CDD	Ant1	5755	NV	45	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	NV	0	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	NV	10	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	NV	20	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	NV	30	-14000.00	-2.432667	20	PASS
11AX40-CDD	Ant2	5755	NV	45	-13000.00	-2.258905	20	PASS
11AX80-CDD	Ant1	5210	NV	0	-14000.00	-2.687140	20	PASS
11AX80-CDD	Ant1	5210	NV	10	-14000.00	-2.687140	20	PASS
11AX80-CDD	Ant1	5210	NV	20	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant1	5210	NV	30	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant1	5210	NV	45	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant2	5210	NV	0	-12000.00	-2.303263	20	PASS
11AX80-CDD	Ant2	5210	NV	10	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant2	5210	NV	20	-13000.00	-2.495202	20	PASS
11AX80-CDD	Ant2	5210	NV	30	-12000.00	-2.303263	20	PASS
11AX80-CDD	Ant2	5210	NV	45	-12000.00	-2.303263	20	PASS
11AX80-CDD	Ant1	5290	NV	0	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5290	NV	10	-12000.00	-2.268431	20	PASS
11AX80-CDD	Ant1	5290	NV	20	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5290	NV	30	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5290	NV	45	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	0	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	10	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	20	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	30	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant2	5290	NV	45	-13000.00	-2.457467	20	PASS
11AX80-CDD	Ant1	5530	NV	0	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	NV	10	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	NV	20	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	NV	30	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5530	NV	45	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	NV	0	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	NV	10	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	NV	20	-14000.00	-2.531646	20	PASS
11AX80-CDD	Ant2	5530	NV	30	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant2	5530	NV	45	-13000.00	-2.350814	20	PASS
11AX80-CDD	Ant1	5775	NV	0	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant1	5775	NV	10	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant1	5775	NV	20	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant1	5775	NV	30	-14000.00	-2.424242	20	PASS

11AX80-CDD	Ant1	5775	NV	45	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	0	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	10	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	20	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	30	-14000.00	-2.424242	20	PASS
11AX80-CDD	Ant2	5775	NV	45	-14000.00	-2.424242	20	PASS
11AX160-CDD	Ant1	5250	NV	0	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	NV	10	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	NV	20	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	NV	30	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5250	NV	45	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	0	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	10	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	20	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	30	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant2	5250	NV	45	-12000.00	-2.285714	20	PASS
11AX160-CDD	Ant1	5570	NV	0	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	NV	10	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	NV	20	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	NV	30	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant1	5570	NV	45	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant2	5570	NV	0	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant2	5570	NV	10	-14000.00	-2.513465	20	PASS
11AX160-CDD	Ant2	5570	NV	20	-14000.00	-2.513465	20	PASS
11AX160-CDD	Ant2	5570	NV	30	-13000.00	-2.333932	20	PASS
11AX160-CDD	Ant2	5570	NV	45	-14000.00	-2.513465	20	PASS

-----END OF THE REPORT-----