



Appendix F: Frequency Stability

Test Result

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	LV	NT	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	HV	NT	-80000.00	-15.444015	20	PASS
11A	Ant2	5180	NV	NT	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	LV	NT	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	HV	NT	-80000.00	-15.444015	20	PASS
11A	Ant1	5200	NV	NT	-80000.00	-15.384615	20	PASS
11A	Ant1	5200	LV	NT	-80000.00	-15.384615	20	PASS
11A	Ant1	5200	HV	NT	-40000.00	-7.692308	20	PASS
11A	Ant2	5200	NV	NT	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	LV	NT	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	HV	NT	-60000.00	-11.538462	20	PASS
11A	Ant1	5240	NV	NT	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	LV	NT	-80000.00	-15.267176	20	PASS
11A	Ant1	5240	HV	NT	-60000.00	-11.450382	20	PASS
11A	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	LV	NT	-80000.00	-15.267176	20	PASS
11A	Ant2	5240	HV	NT	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	LV	NT	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	HV	NT	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	NV	NT	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant2	5180	LV	NT	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant1	5200	NV	NT	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant1	5200	LV	NT	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5200	HV	NT	-60000.00	-11.538462	20	PASS

11N20MI MO	Ant2	5200	NV	NT	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant2	5200	LV	NT	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant2	5200	HV	NT	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant1	5240	LV	NT	-80000.00	-15.267176	20	PASS
11N20MI MO	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant2	5240	LV	NT	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	HV	NT	-60000.00	-11.450382	20	PASS
11N40MI MO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11N40MI MO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	NV	NT	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	LV	NT	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	HV	NT	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant1	5230	NV	NT	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	LV	NT	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	HV	NT	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	NV	NT	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	LV	NT	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	HV	NT	-80000.00	-15.296367	20	PASS
11A20M	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS

IMO								
11AC20M IMO	Ant1	5180	LV	NT	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	NV	NT	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	LV	NT	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant1	5200	NV	NT	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant1	5200	LV	NT	-80000.00	-15.384615	20	PASS
11AC20M IMO	Ant1	5200	HV	NT	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	NV	NT	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	LV	NT	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	HV	NT	-80000.00	-15.384615	20	PASS
11AC20M IMO	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant1	5240	LV	NT	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	HV	NT	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant2	5240	LV	NT	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant2	5240	HV	NT	-40000.00	-7.633588	20	PASS
11AC40M IMO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	NT	-40000.00	-7.707129	20	PASS

11AC40M IMO	Ant2	5190	LV	NT	0.00	0.000000	20	PASS
11AC40M IMO	Ant2	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5230	NV	NT	-80000.00	-15.296367	20	PASS
11AC40M IMO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11AC40M IMO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	NT	-80000.00	-15.296367	20	PASS
11AC40M IMO	Ant2	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AC80M IMO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	LV	NT	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5210	NV	NT	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	LV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5210	HV	NT	-80000.00	-15.355086	20	PASS
11AX20M IMO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant1	5180	LV	NT	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	HV	NT	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	NT	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	LV	NT	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant1	5200	NV	NT	-60000.00	-11.538462	20	PASS
11AX20M	Ant1	5200	LV	NT	-60000.00	-11.538462	20	PASS

IMO								
11AX20M IMO	Ant1	5200	HV	NT	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	NT	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	LV	NT	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant2	5200	HV	NT	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant1	5240	LV	NT	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant2	5240	NV	NT	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	LV	NT	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant2	5240	HV	NT	-60000.00	-11.450382	20	PASS
11AX40M IMO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	NT	40000.00	7.707129	20	PASS
11AX40M IMO	Ant2	5190	LV	NT	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5190	HV	NT	40000.00	7.707129	20	PASS
11AX40M IMO	Ant1	5230	NV	NT	80000.00	15.296367	20	PASS
11AX40M IMO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AX40M IMO	Ant2	5230	NV	NT	80000.00	15.296367	20	PASS
11AX40M IMO	Ant2	5230	LV	NT	-40000.00	-7.648184	20	PASS

11AX40M IMO	Ant2	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AX80M IMO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5210	LV	NT	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant1	5210	HV	NT	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	NT	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	LV	NT	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	HV	NT	80000.00	15.355086	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	-20	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	-10	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	0	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	30	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	50	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	NV	-30	-80000.00	-15.444015	20	PASS
11A	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11A	Ant2	5180	NV	-10	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	NV	0	-40000.00	-7.722008	20	PASS
11A	Ant2	5180	NV	10	-80000.00	-15.444015	20	PASS
11A	Ant2	5180	NV	20	-40000.00	-7.722008	20	PASS
11A	Ant2	5180	NV	30	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	NV	40	-60000.00	-11.583012	20	PASS
11A	Ant2	5180	NV	50	-40000.00	-7.722008	20	PASS
11A	Ant1	5200	NV	-30	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	-20	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	-10	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	0	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	10	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	20	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	30	-60000.00	-11.538462	20	PASS

11A	Ant1	5200	NV	40	-60000.00	-11.538462	20	PASS
11A	Ant1	5200	NV	50	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	-30	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	-20	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	-10	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	0	-80000.00	-15.384615	20	PASS
11A	Ant2	5200	NV	10	-40000.00	-7.692308	20	PASS
11A	Ant2	5200	NV	20	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	30	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	40	-60000.00	-11.538462	20	PASS
11A	Ant2	5200	NV	50	-60000.00	-11.538462	20	PASS
11A	Ant1	5240	NV	-30	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	-20	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	10	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	30	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	50	-60000.00	-11.450382	20	PASS
11A	Ant2	5240	NV	-30	-80000.00	-15.267176	20	PASS
11A	Ant2	5240	NV	-20	-80000.00	-15.267176	20	PASS
11A	Ant2	5240	NV	-10	-60000.00	-11.450382	20	PASS
11A	Ant2	5240	NV	0	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	10	-60000.00	-11.450382	20	PASS
11A	Ant2	5240	NV	20	-80000.00	-15.267176	20	PASS
11A	Ant2	5240	NV	30	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	40	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	50	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant1	5180	NV	-10	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11N20MI	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS

MO								
11N20MI MO	Ant1	5180	NV	40	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5180	NV	50	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	NV	-30	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	NV	-20	-80000.00	-15.444015	20	PASS
11N20MI MO	Ant2	5180	NV	-10	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant2	5180	NV	0	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant2	5180	NV	10	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant2	5180	NV	20	-40000.00	-7.722008	20	PASS
11N20MI MO	Ant2	5180	NV	30	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	NV	40	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant2	5180	NV	50	-60000.00	-11.583012	20	PASS
11N20MI MO	Ant1	5200	NV	-30	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant1	5200	NV	-20	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5200	NV	-10	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant1	5200	NV	0	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5200	NV	10	-80000.00	-15.384615	20	PASS
11N20MI MO	Ant1	5200	NV	20	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant1	5200	NV	30	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5200	NV	40	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5200	NV	50	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant2	5200	NV	-30	-40000.00	-7.692308	20	PASS

11N20MI MO	Ant2	5200	NV	-20	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant2	5200	NV	-10	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant2	5200	NV	0	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant2	5200	NV	10	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant2	5200	NV	20	-60000.00	-11.538462	20	PASS
11N20MI MO	Ant2	5200	NV	30	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant2	5200	NV	40	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant2	5200	NV	50	-40000.00	-7.692308	20	PASS
11N20MI MO	Ant1	5240	NV	-30	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	-20	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	-10	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	10	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant1	5240	NV	50	-40000.00	-7.633588	20	PASS
11N20MI MO	Ant2	5240	NV	-30	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	NV	-20	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	NV	-10	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	NV	0	-60000.00	-11.450382	20	PASS
11N20MI	Ant2	5240	NV	10	-60000.00	-11.450382	20	PASS

MO								
11N20MI MO	Ant2	5240	NV	20	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	NV	30	-60000.00	-11.450382	20	PASS
11N20MI MO	Ant2	5240	NV	40	-80000.00	-15.267176	20	PASS
11N20MI MO	Ant2	5240	NV	50	-60000.00	-11.450382	20	PASS
11N40MI MO	Ant1	5190	NV	-30	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	-20	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	-10	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	0	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	10	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	20	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	NV	-30	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant2	5190	NV	-20	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant2	5190	NV	-10	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant2	5190	NV	0	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	NV	10	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	NV	20	-80000.00	-15.414258	20	PASS
11N40MI MO	Ant2	5190	NV	30	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant2	5190	NV	40	-80000.00	-15.414258	20	PASS

11N40MI MO	Ant2	5190	NV	50	-40000.00	-7.707129	20	PASS
11N40MI MO	Ant1	5230	NV	-30	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant1	5230	NV	-10	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	NV	0	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	NV	10	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant1	5230	NV	30	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant1	5230	NV	50	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	NV	-30	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant2	5230	NV	-20	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant2	5230	NV	-10	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant2	5230	NV	0	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	NV	10	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant2	5230	NV	20	-40000.00	-7.648184	20	PASS
11N40MI MO	Ant2	5230	NV	30	-80000.00	-15.296367	20	PASS
11N40MI MO	Ant2	5230	NV	40	0.00	0.000000	20	PASS
11N40MI MO	Ant2	5230	NV	50	-80000.00	-15.296367	20	PASS
11AC20M IMO	Ant1	5180	NV	-30	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5180	NV	-20	-60000.00	-11.583012	20	PASS
11AC20M	Ant1	5180	NV	-10	-60000.00	-11.583012	20	PASS

IMO								
11AC20M IMO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5180	NV	20	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5180	NV	30	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	NV	-10	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	NV	0	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	NV	10	-40000.00	-7.722008	20	PASS
11AC20M IMO	Ant2	5180	NV	20	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	NV	30	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	NV	40	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant2	5180	NV	50	-60000.00	-11.583012	20	PASS
11AC20M IMO	Ant1	5200	NV	-30	-80000.00	-15.384615	20	PASS
11AC20M IMO	Ant1	5200	NV	-20	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant1	5200	NV	-10	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant1	5200	NV	0	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant1	5200	NV	10	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant1	5200	NV	20	-40000.00	-7.692308	20	PASS

11AC20M IMO	Ant1	5200	NV	30	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant1	5200	NV	40	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant1	5200	NV	50	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant2	5200	NV	-30	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	NV	-20	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	NV	-10	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	NV	0	-80000.00	-15.384615	20	PASS
11AC20M IMO	Ant2	5200	NV	10	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant2	5200	NV	20	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant2	5200	NV	30	-80000.00	-15.384615	20	PASS
11AC20M IMO	Ant2	5200	NV	40	-40000.00	-7.692308	20	PASS
11AC20M IMO	Ant2	5200	NV	50	-60000.00	-11.538462	20	PASS
11AC20M IMO	Ant1	5240	NV	-30	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	NV	-20	-80000.00	-15.267176	20	PASS
11AC20M IMO	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	NV	10	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant1	5240	NV	40	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant1	5240	NV	50	-60000.00	-11.450382	20	PASS
11AC20M	Ant2	5240	NV	-30	-60000.00	-11.450382	20	PASS

IMO								
11AC20M IMO	Ant2	5240	NV	-20	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	-10	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	0	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	10	-20000.00	-3.816794	20	PASS
11AC20M IMO	Ant2	5240	NV	20	-40000.00	-7.633588	20	PASS
11AC20M IMO	Ant2	5240	NV	30	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	40	-60000.00	-11.450382	20	PASS
11AC20M IMO	Ant2	5240	NV	50	-40000.00	-7.633588	20	PASS
11AC40M IMO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11AC40M IMO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5190	NV	40	-80000.00	-15.414258	20	PASS
11AC40M IMO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	-30	-80000.00	-15.414258	20	PASS
11AC40M IMO	Ant2	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	0	-80000.00	-15.414258	20	PASS

11AC40M IMO	Ant2	5190	NV	10	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	20	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	40	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant2	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40M IMO	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	0	-80000.00	-15.296367	20	PASS
11AC40M IMO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant1	5230	NV	40	0.00	0.000000	20	PASS
11AC40M IMO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	-30	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	-20	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	0	0.00	0.000000	20	PASS
11AC40M IMO	Ant2	5230	NV	10	0.00	0.000000	20	PASS
11AC40M IMO	Ant2	5230	NV	20	-40000.00	-7.648184	20	PASS
11AC40M IMO	Ant2	5230	NV	30	-40000.00	-7.648184	20	PASS
11AC40M	Ant2	5230	NV	40	-40000.00	-7.648184	20	PASS

IMO								
11AC40M IMO	Ant2	5230	NV	50	-40000.00	-7.648184	20	PASS
11AC80M IMO	Ant1	5210	NV	-30	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	-20	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AC80M IMO	Ant1	5210	NV	10	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	20	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	40	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant1	5210	NV	50	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	-30	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	-20	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	0	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	10	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	20	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	30	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	40	-80000.00	-15.355086	20	PASS
11AC80M IMO	Ant2	5210	NV	50	-80000.00	-15.355086	20	PASS
11AX20M IMO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant1	5180	NV	-20	-60000.00	-11.583012	20	PASS

11AX20M IMO	Ant1	5180	NV	-10	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	NV	0	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	NV	20	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	NV	30	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant2	5180	NV	-30	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant2	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AX20M IMO	Ant2	5180	NV	0	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	10	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	20	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	30	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant2	5180	NV	40	-80000.00	-15.444015	20	PASS
11AX20M IMO	Ant2	5180	NV	50	-60000.00	-11.583012	20	PASS
11AX20M IMO	Ant1	5200	NV	-30	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant1	5200	NV	-20	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant1	5200	NV	-10	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant1	5200	NV	0	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant1	5200	NV	10	-60000.00	-11.538462	20	PASS
11AX20M	Ant1	5200	NV	20	-60000.00	-11.538462	20	PASS

IMO								
11AX20M IMO	Ant1	5200	NV	30	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant1	5200	NV	40	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant1	5200	NV	50	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	-30	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant2	5200	NV	-20	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant2	5200	NV	-10	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	0	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant2	5200	NV	10	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	20	-60000.00	-11.538462	20	PASS
11AX20M IMO	Ant2	5200	NV	30	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	40	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant2	5200	NV	50	-40000.00	-7.692308	20	PASS
11AX20M IMO	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant1	5240	NV	-20	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	NV	10	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	NV	30	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	NV	40	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant1	5240	NV	50	-60000.00	-11.450382	20	PASS

11AX20M IMO	Ant2	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant2	5240	NV	-20	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant2	5240	NV	-10	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	NV	0	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	NV	10	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	NV	20	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	NV	30	-60000.00	-11.450382	20	PASS
11AX20M IMO	Ant2	5240	NV	40	-40000.00	-7.633588	20	PASS
11AX20M IMO	Ant2	5240	NV	50	-40000.00	-7.633588	20	PASS
11AX40M IMO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5190	NV	-10	-80000.00	-15.414258	20	PASS
11AX40M IMO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant1	5190	NV	10	40000.00	7.707129	20	PASS
11AX40M IMO	Ant1	5190	NV	20	-80000.00	-15.414258	20	PASS
11AX40M IMO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AX40M	Ant2	5190	NV	0	-40000.00	-7.707129	20	PASS

IMO								
11AX40M IMO	Ant2	5190	NV	10	40000.00	7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	20	40000.00	7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	30	-80000.00	-15.414258	20	PASS
11AX40M IMO	Ant2	5190	NV	40	40000.00	7.707129	20	PASS
11AX40M IMO	Ant2	5190	NV	50	-40000.00	-7.707129	20	PASS
11AX40M IMO	Ant1	5230	NV	-30	-80000.00	-15.296367	20	PASS
11AX40M IMO	Ant1	5230	NV	-20	40000.00	7.648184	20	PASS
11AX40M IMO	Ant1	5230	NV	-10	-80000.00	-15.296367	20	PASS
11AX40M IMO	Ant1	5230	NV	0	80000.00	15.296367	20	PASS
11AX40M IMO	Ant1	5230	NV	10	40000.00	7.648184	20	PASS
11AX40M IMO	Ant1	5230	NV	20	40000.00	7.648184	20	PASS
11AX40M IMO	Ant1	5230	NV	30	40000.00	7.648184	20	PASS
11AX40M IMO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AX40M IMO	Ant1	5230	NV	50	80000.00	15.296367	20	PASS
11AX40M IMO	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
11AX40M IMO	Ant2	5230	NV	-20	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5230	NV	-10	80000.00	15.296367	20	PASS
11AX40M IMO	Ant2	5230	NV	0	80000.00	15.296367	20	PASS
11AX40M IMO	Ant2	5230	NV	10	-80000.00	-15.296367	20	PASS
11AX40M IMO	Ant2	5230	NV	20	40000.00	7.648184	20	PASS
11AX40M IMO	Ant2	5230	NV	30	-80000.00	-15.296367	20	PASS

11AX40M IMO	Ant2	5230	NV	40	40000.00	7.648184	20	PASS
11AX40M IMO	Ant2	5230	NV	50	-40000.00	-7.648184	20	PASS
11AX80M IMO	Ant1	5210	NV	-30	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant1	5210	NV	-20	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant1	5210	NV	-10	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5210	NV	10	80000.00	15.355086	20	PASS
11AX80M IMO	Ant1	5210	NV	20	80000.00	15.355086	20	PASS
11AX80M IMO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5210	NV	50	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	NV	-30	80000.00	15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	-20	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	0	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	NV	10	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	20	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	30	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5210	NV	40	-80000.00	-15.355086	20	PASS
11AX80M IMO	Ant2	5210	NV	50	-80000.00	-15.355086	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	LV	NT	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	NT	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant2	5745	HV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	HV	NT	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	NT	-80000.00	-13.828868	20	PASS
11A	Ant2	5785	LV	NT	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	HV	NT	-80000.00	-13.828868	20	PASS
11A	Ant1	5825	NV	NT	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	HV	NT	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	NT	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	LV	NT	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	HV	NT	-40000.00	-6.866953	20	PASS
11N20MI MO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	LV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	LV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	HV	NT	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant2	5785	NV	NT	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant2	5785	LV	NT	-60000.00	-10.371651	20	PASS

11N20MI MO	Ant2	5785	HV	NT	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5825	NV	NT	-80000.00	-13.733906	20	PASS
11N20MI MO	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	HV	NT	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	NV	NT	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	LV	NT	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	HV	NT	-60000.00	-10.300429	20	PASS
11N40MI MO	Ant1	5755	NV	NT	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	HV	NT	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	HV	NT	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	LV	NT	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11N40MI MO	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40MI MO	Ant2	5795	LV	NT	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	HV	NT	-80000.00	-13.805004	20	PASS
11AC20M IMO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5745	LV	NT	-80000.00	-13.925152	20	PASS
11AC20M	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS

IMO								
11AC20M IMO	Ant2	5745	NV	NT	-40000.00	-6.962576	20	PASS
11AC20M IMO	Ant2	5745	LV	NT	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	HV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant2	5785	NV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant2	5785	LV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant2	5785	HV	NT	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5825	NV	NT	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	HV	NT	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	NT	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	LV	NT	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	HV	NT	-80000.00	-13.733906	20	PASS
11AC40M IMO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant1	5755	LV	NT	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	HV	NT	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	HV	NT	-40000.00	-6.950478	20	PASS

11AC40M IMO	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant1	5795	HV	NT	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	NT	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant2	5795	HV	NT	-80000.00	-13.805004	20	PASS
11AC80M IMO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5775	NV	NT	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	LV	NT	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5775	HV	NT	-80000.00	-13.852814	20	PASS
11AX20M IMO	Ant1	5745	NV	NT	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	LV	NT	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	NT	-80000.00	-13.925152	20	PASS
11AX20M IMO	Ant2	5745	LV	NT	-80000.00	-13.925152	20	PASS
11AX20M IMO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5785	LV	NT	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant1	5785	HV	NT	-80000.00	-13.828868	20	PASS
11AX20M	Ant2	5785	NV	NT	-60000.00	-10.371651	20	PASS

IMO								
11AX20M IMO	Ant2	5785	LV	NT	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	HV	NT	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant1	5825	NV	NT	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant1	5825	LV	NT	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant1	5825	HV	NT	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	NV	NT	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	LV	NT	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	HV	NT	-80000.00	-13.733906	20	PASS
11AX40M IMO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant2	5755	NV	NT	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5755	LV	NT	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant2	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant1	5795	NV	NT	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant1	5795	LV	NT	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant1	5795	HV	NT	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5795	NV	NT	40000.00	6.902502	20	PASS
11AX40M IMO	Ant2	5795	LV	NT	40000.00	6.902502	20	PASS
11AX40M IMO	Ant2	5795	HV	NT	40000.00	6.902502	20	PASS
11AX80M IMO	Ant1	5775	NV	NT	80000.00	13.852814	20	PASS

11AX80M IMO	Ant1	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5775	NV	NT	80000.00	13.852814	20	PASS
11AX80M IMO	Ant2	5775	LV	NT	80000.00	13.852814	20	PASS
11AX80M IMO	Ant2	5775	HV	NT	80000.00	13.852814	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	-10	-80000.00	-13.925152	20	PASS
11A	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	10	-80000.00	-13.925152	20	PASS
11A	Ant1	5745	NV	20	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	30	-80000.00	-13.925152	20	PASS
11A	Ant1	5745	NV	40	-80000.00	-13.925152	20	PASS
11A	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	-30	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	-20	-80000.00	-13.925152	20	PASS
11A	Ant2	5745	NV	-10	-80000.00	-13.925152	20	PASS
11A	Ant2	5745	NV	0	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant2	5745	NV	30	-80000.00	-13.925152	20	PASS
11A	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11A	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
11A	Ant1	5785	NV	-30	-80000.00	-13.828868	20	PASS
11A	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	0	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	10	-80000.00	-13.828868	20	PASS
11A	Ant1	5785	NV	20	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	30	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	40	-80000.00	-13.828868	20	PASS
11A	Ant1	5785	NV	50	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	-30	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	-20	-60000.00	-10.371651	20	PASS

11A	Ant2	5785	NV	-10	-80000.00	-13.828868	20	PASS
11A	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
11A	Ant2	5785	NV	10	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	30	-60000.00	-10.371651	20	PASS
11A	Ant2	5785	NV	40	-80000.00	-13.828868	20	PASS
11A	Ant2	5785	NV	50	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	-30	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	-20	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	0	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	10	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	20	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	30	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	40	-80000.00	-13.733906	20	PASS
11A	Ant1	5825	NV	50	-80000.00	-13.733906	20	PASS
11A	Ant2	5825	NV	-30	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	-20	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	-10	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	0	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	10	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	30	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	40	-60000.00	-10.300429	20	PASS
11A	Ant2	5825	NV	50	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	-10	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11N20MI MO	Ant1	5745	NV	10	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	20	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	30	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11N20MI	Ant1	5745	NV	50	-80000.00	-13.925152	20	PASS

MO								
11N20MI MO	Ant2	5745	NV	-30	-40000.00	-6.962576	20	PASS
11N20MI MO	Ant2	5745	NV	-20	-80000.00	-13.925152	20	PASS
11N20MI MO	Ant2	5745	NV	-10	-40000.00	-6.962576	20	PASS
11N20MI MO	Ant2	5745	NV	0	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	20	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	30	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
11N20MI MO	Ant1	5785	NV	-30	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	NV	0	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant1	5785	NV	10	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11N20MI MO	Ant1	5785	NV	30	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant1	5785	NV	40	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant1	5785	NV	50	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant2	5785	NV	-30	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant2	5785	NV	-20	-40000.00	-6.914434	20	PASS
11N20MI MO	Ant2	5785	NV	-10	-60000.00	-10.371651	20	PASS

11N20MI MO	Ant2	5785	NV	0	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant2	5785	NV	10	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11N20MI MO	Ant2	5785	NV	30	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant2	5785	NV	40	-80000.00	-13.828868	20	PASS
11N20MI MO	Ant2	5785	NV	50	-40000.00	-6.914434	20	PASS
11N20MI MO	Ant1	5825	NV	-30	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	NV	-20	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11N20MI MO	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	NV	20	-80000.00	-13.733906	20	PASS
11N20MI MO	Ant1	5825	NV	30	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant1	5825	NV	40	-80000.00	-13.733906	20	PASS
11N20MI MO	Ant1	5825	NV	50	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	NV	-30	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	NV	-20	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	NV	-10	-40000.00	-6.866953	20	PASS
11N20MI MO	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
11N20MI MO	Ant2	5825	NV	10	-80000.00	-13.733906	20	PASS
11N20MI MO	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11N20MI	Ant2	5825	NV	30	-60000.00	-10.300429	20	PASS

MO								
11N20MI MO	Ant2	5825	NV	40	-60000.00	-10.300429	20	PASS
11N20MI MO	Ant2	5825	NV	50	-60000.00	-10.300429	20	PASS
11N40MI MO	Ant1	5755	NV	-30	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	10	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	30	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5755	NV	50	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	NV	-20	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	-10	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	10	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS
11N40MI MO	Ant2	5755	NV	30	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	NV	40	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS
11N40MI MO	Ant1	5795	NV	-30	-80000.00	-13.805004	20	PASS

11N40MI MO	Ant1	5795	NV	-20	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	-10	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	0	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	10	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	20	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	30	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11N40MI MO	Ant1	5795	NV	50	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	-30	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	-20	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	-10	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	0	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	10	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	30	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	40	-80000.00	-13.805004	20	PASS
11N40MI MO	Ant2	5795	NV	50	-80000.00	-13.805004	20	PASS
11AC20M IMO	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5745	NV	-10	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11AC20M	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS

IMO								
11AC20M IMO	Ant1	5745	NV	20	-80000.00	-13.925152	20	PASS
11AC20M IMO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11AC20M IMO	Ant1	5745	NV	40	-80000.00	-13.925152	20	PASS
11AC20M IMO	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	-30	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	-20	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	-10	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	0	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	20	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	30	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
11AC20M IMO	Ant1	5785	NV	-30	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	-20	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	0	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	10	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	20	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	30	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5785	NV	40	-60000.00	-10.371651	20	PASS

11AC20M IMO	Ant1	5785	NV	50	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant2	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AC20M IMO	Ant2	5785	NV	-20	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant2	5785	NV	-10	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant2	5785	NV	0	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant2	5785	NV	10	-40000.00	-6.914434	20	PASS
11AC20M IMO	Ant2	5785	NV	20	-80000.00	-13.828868	20	PASS
11AC20M IMO	Ant2	5785	NV	30	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant2	5785	NV	40	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant2	5785	NV	50	-60000.00	-10.371651	20	PASS
11AC20M IMO	Ant1	5825	NV	-30	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	-20	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	0	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AC20M IMO	Ant1	5825	NV	30	-80000.00	-13.733906	20	PASS
11AC20M IMO	Ant1	5825	NV	40	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant1	5825	NV	50	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	-30	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AC20M	Ant2	5825	NV	-10	-60000.00	-10.300429	20	PASS

IMO								
11AC20M IMO	Ant2	5825	NV	0	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	10	-80000.00	-13.733906	20	PASS
11AC20M IMO	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	30	-60000.00	-10.300429	20	PASS
11AC20M IMO	Ant2	5825	NV	40	-80000.00	-13.733906	20	PASS
11AC20M IMO	Ant2	5825	NV	50	-60000.00	-10.300429	20	PASS
11AC40M IMO	Ant1	5755	NV	-30	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	-20	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	-10	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	0	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	10	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	20	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	30	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	NV	-30	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant2	5755	NV	10	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS

11AC40M IMO	Ant2	5755	NV	30	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant2	5755	NV	40	-80000.00	-13.900956	20	PASS
11AC40M IMO	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS
11AC40M IMO	Ant1	5795	NV	-30	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant1	5795	NV	0	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	NV	10	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	NV	20	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant1	5795	NV	40	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant1	5795	NV	50	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	-30	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant2	5795	NV	-20	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	-10	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	0	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant2	5795	NV	10	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	30	-80000.00	-13.805004	20	PASS
11AC40M IMO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40M IMO	Ant2	5795	NV	50	-80000.00	-13.805004	20	PASS
11AC80M	Ant1	5775	NV	-30	-80000.00	-13.852814	20	PASS

IMO								
11AC80M IMO	Ant1	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant1	5775	NV	50	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	-20	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	10	0.00	0.000000	20	PASS
11AC80M IMO	Ant2	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80M IMO	Ant2	5775	NV	50	-80000.00	-13.852814	20	PASS
11AX20M IMO	Ant1	5745	NV	-30	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	NV	-20	-80000.00	-13.925152	20	PASS
11AX20M IMO	Ant1	5745	NV	-10	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS

11AX20M IMO	Ant1	5745	NV	10	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	NV	20	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5745	NV	30	-80000.00	-13.925152	20	PASS
11AX20M IMO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AX20M IMO	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	-30	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	-20	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	-10	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	0	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	20	-80000.00	-13.925152	20	PASS
11AX20M IMO	Ant2	5745	NV	30	-40000.00	-6.962576	20	PASS
11AX20M IMO	Ant2	5745	NV	40	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant2	5745	NV	50	-60000.00	-10.443864	20	PASS
11AX20M IMO	Ant1	5785	NV	-30	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5785	NV	0	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant1	5785	NV	10	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5785	NV	20	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5785	NV	30	-80000.00	-13.828868	20	PASS
11AX20M	Ant1	5785	NV	40	-60000.00	-10.371651	20	PASS

IMO								
11AX20M IMO	Ant1	5785	NV	50	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant2	5785	NV	-30	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant2	5785	NV	-20	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	NV	-10	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	NV	0	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	NV	10	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	NV	30	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant2	5785	NV	40	-80000.00	-13.828868	20	PASS
11AX20M IMO	Ant2	5785	NV	50	-60000.00	-10.371651	20	PASS
11AX20M IMO	Ant1	5825	NV	-30	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AX20M IMO	Ant1	5825	NV	-10	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant1	5825	NV	0	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant1	5825	NV	20	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant1	5825	NV	30	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant1	5825	NV	40	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant1	5825	NV	50	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	NV	-30	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant2	5825	NV	-20	-60000.00	-10.300429	20	PASS

11AX20M IMO	Ant2	5825	NV	-10	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant2	5825	NV	0	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	NV	10	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant2	5825	NV	30	-80000.00	-13.733906	20	PASS
11AX20M IMO	Ant2	5825	NV	40	-60000.00	-10.300429	20	PASS
11AX20M IMO	Ant2	5825	NV	50	-80000.00	-13.733906	20	PASS
11AX40M IMO	Ant1	5755	NV	-30	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant1	5755	NV	-20	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant1	5755	NV	-10	40000.00	6.950478	20	PASS
11AX40M IMO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5755	NV	40	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant1	5755	NV	50	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant2	5755	NV	-30	-80000.00	-13.900956	20	PASS
11AX40M IMO	Ant2	5755	NV	-20	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant2	5755	NV	0	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant2	5755	NV	10	0.00	0.000000	20	PASS
11AX40M	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS

IMO								
11AX40M IMO	Ant2	5755	NV	30	40000.00	6.950478	20	PASS
11AX40M IMO	Ant2	5755	NV	40	-40000.00	-6.950478	20	PASS
11AX40M IMO	Ant2	5755	NV	50	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant1	5795	NV	20	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant1	5795	NV	30	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant1	5795	NV	40	0.00	0.000000	20	PASS
11AX40M IMO	Ant1	5795	NV	50	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant2	5795	NV	-30	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant2	5795	NV	-20	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant2	5795	NV	-10	0.00	0.000000	20	PASS
11AX40M IMO	Ant2	5795	NV	0	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant2	5795	NV	10	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11AX40M IMO	Ant2	5795	NV	30	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11AX40M IMO	Ant2	5795	NV	50	-40000.00	-6.902502	20	PASS

11AX80M IMO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5775	NV	-20	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant1	5775	NV	0	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5775	NV	10	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5775	NV	20	80000.00	13.852814	20	PASS
11AX80M IMO	Ant1	5775	NV	30	80000.00	13.852814	20	PASS
11AX80M IMO	Ant1	5775	NV	40	0.00	0.000000	20	PASS
11AX80M IMO	Ant1	5775	NV	50	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	-20	80000.00	13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	-10	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	0	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	10	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	20	80000.00	13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	30	0.00	0.000000	20	PASS
11AX80M IMO	Ant2	5775	NV	40	-80000.00	-13.852814	20	PASS
11AX80M IMO	Ant2	5775	NV	50	80000.00	13.852814	20	PASS