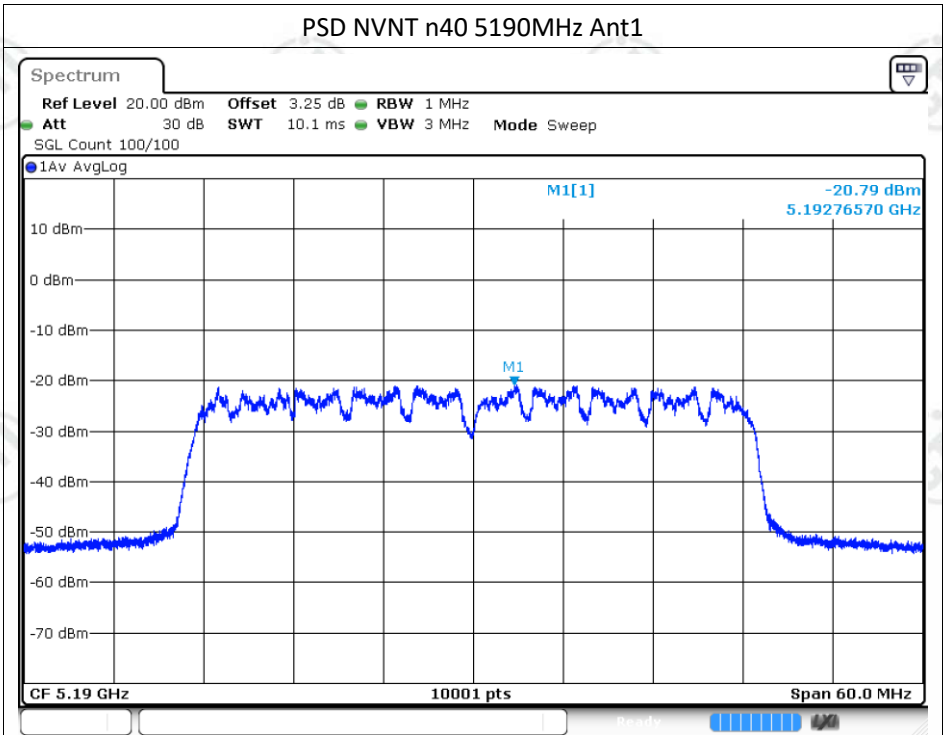
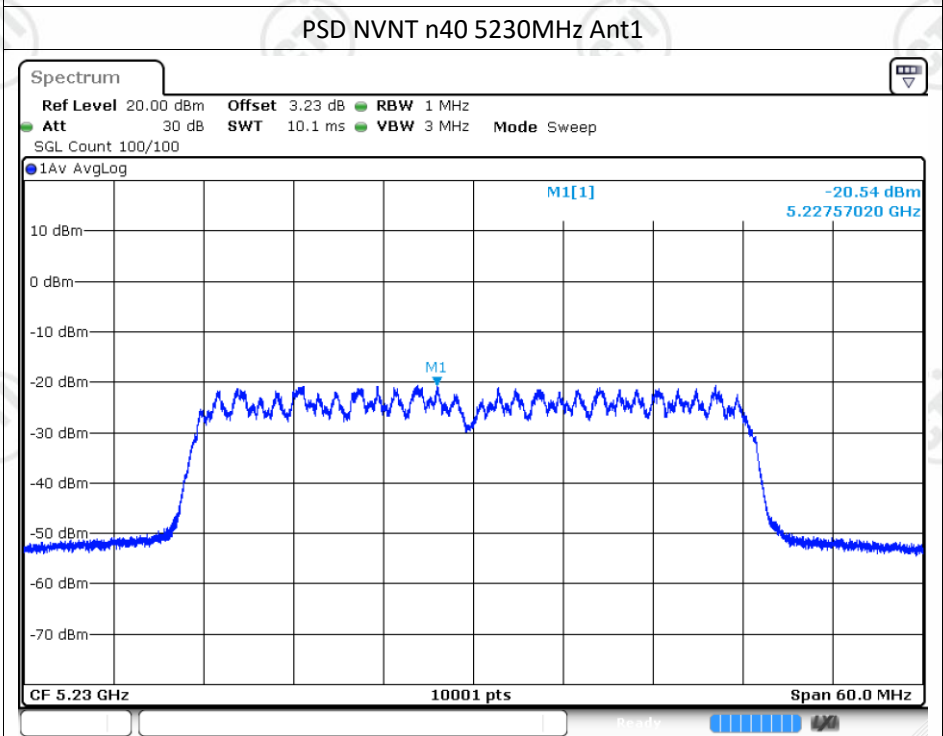
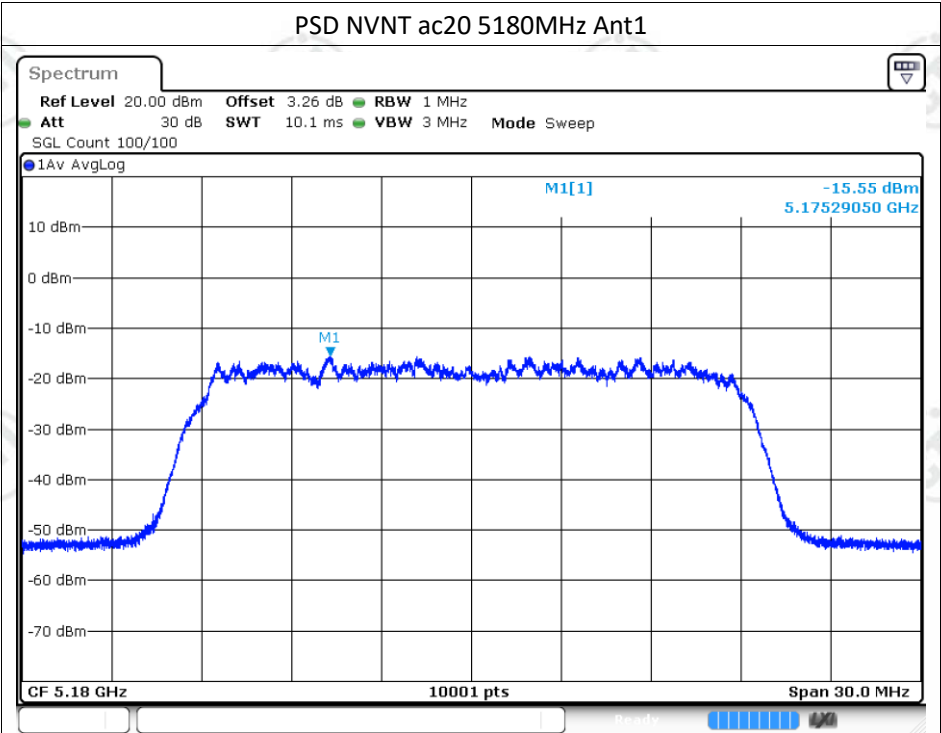




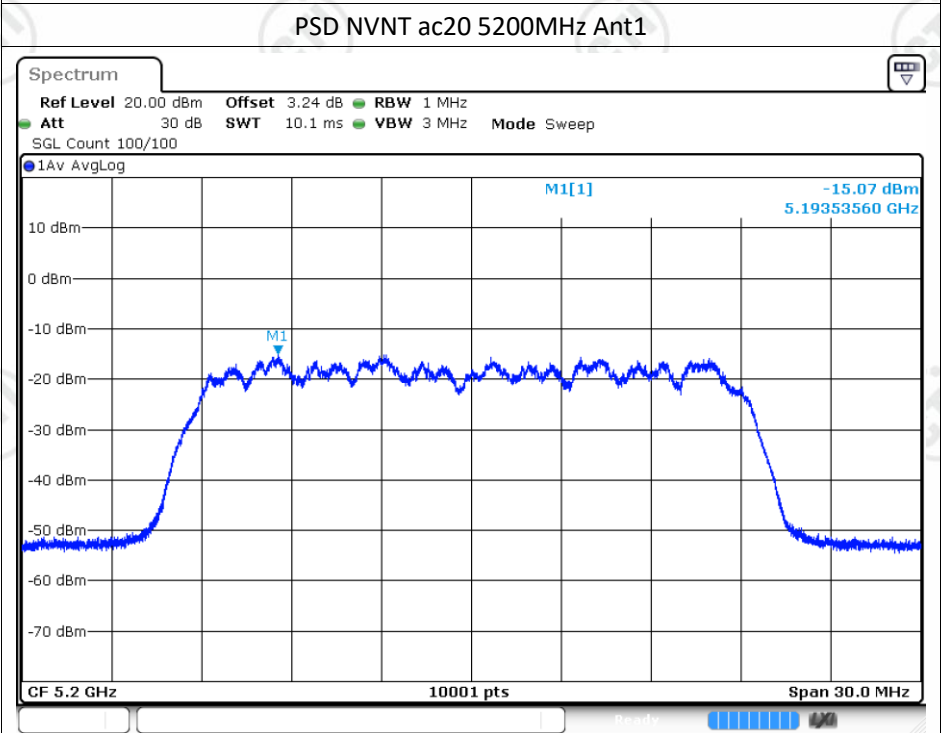
Date: 25.FEB.2025 09:16:06



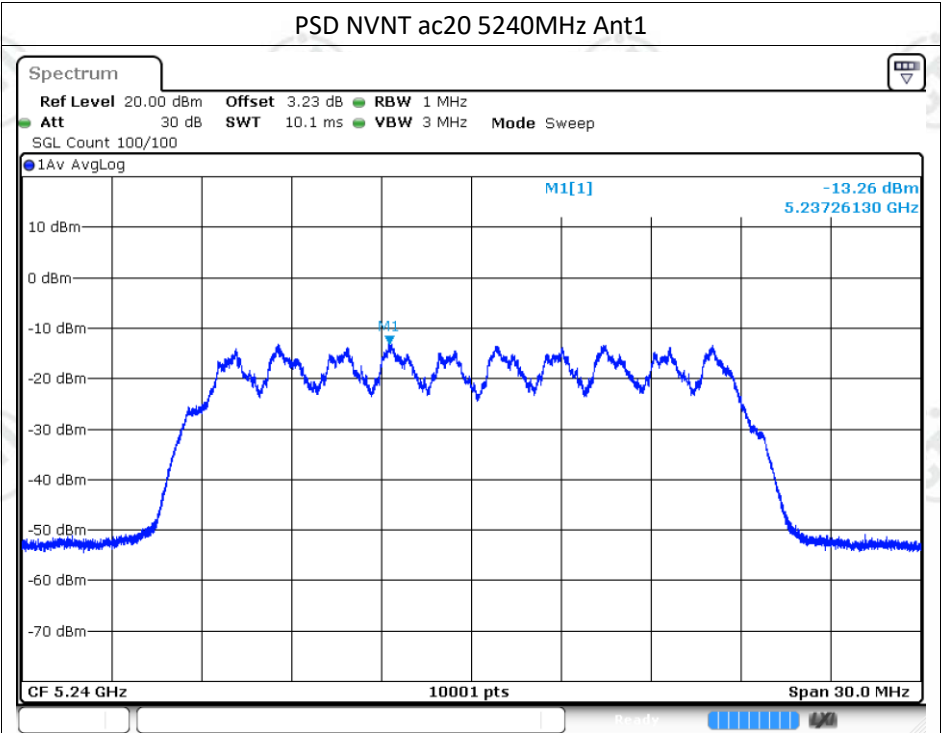
Date: 25.FEB.2025 09:17:30



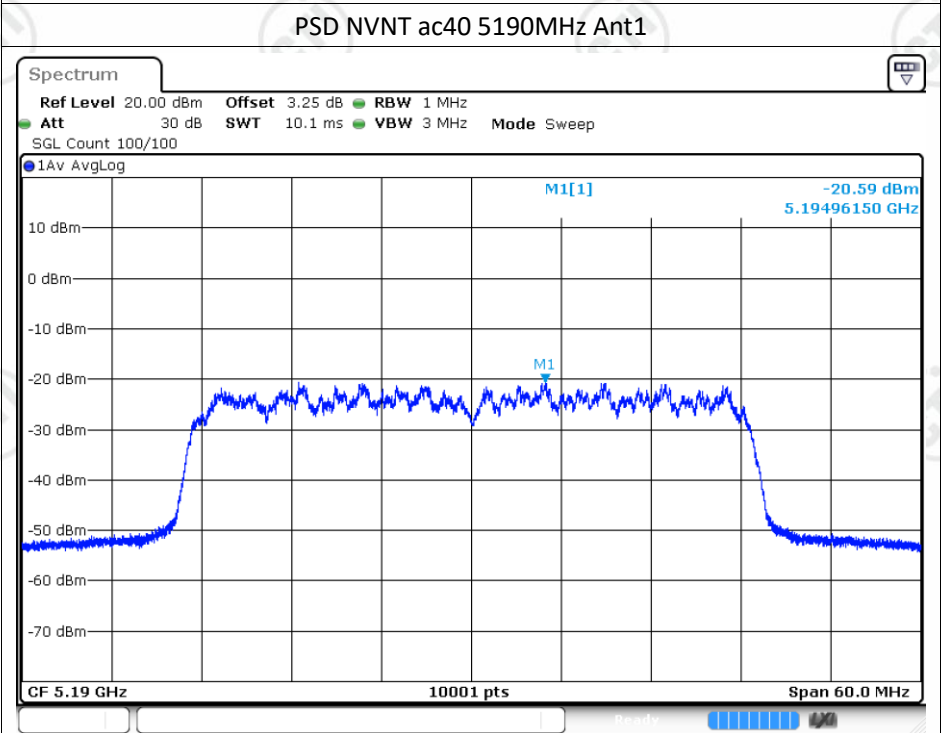
Date: 25.FEB.2025 09:20:33



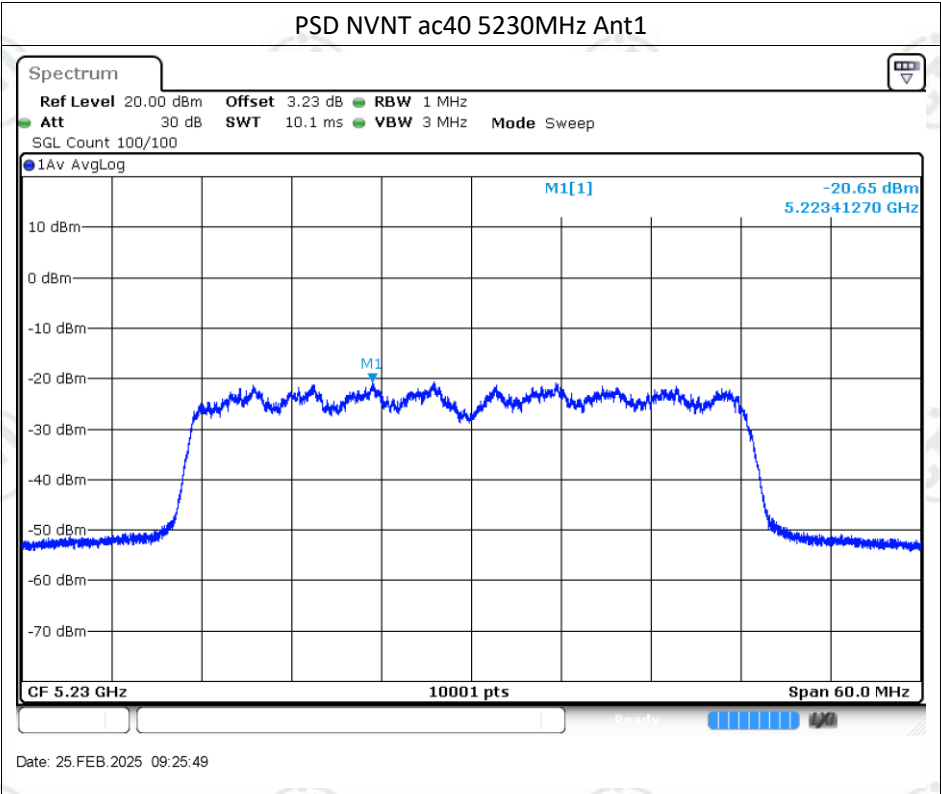
Date: 25.FEB.2025 09:22:16

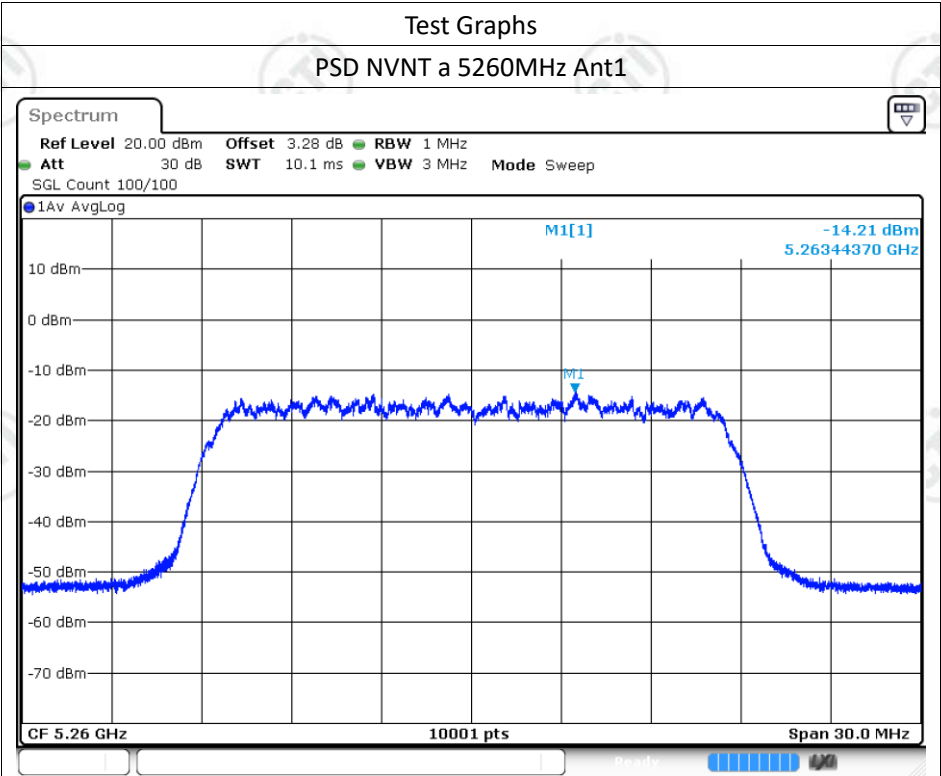


Date: 25.FEB.2025 09:23:35

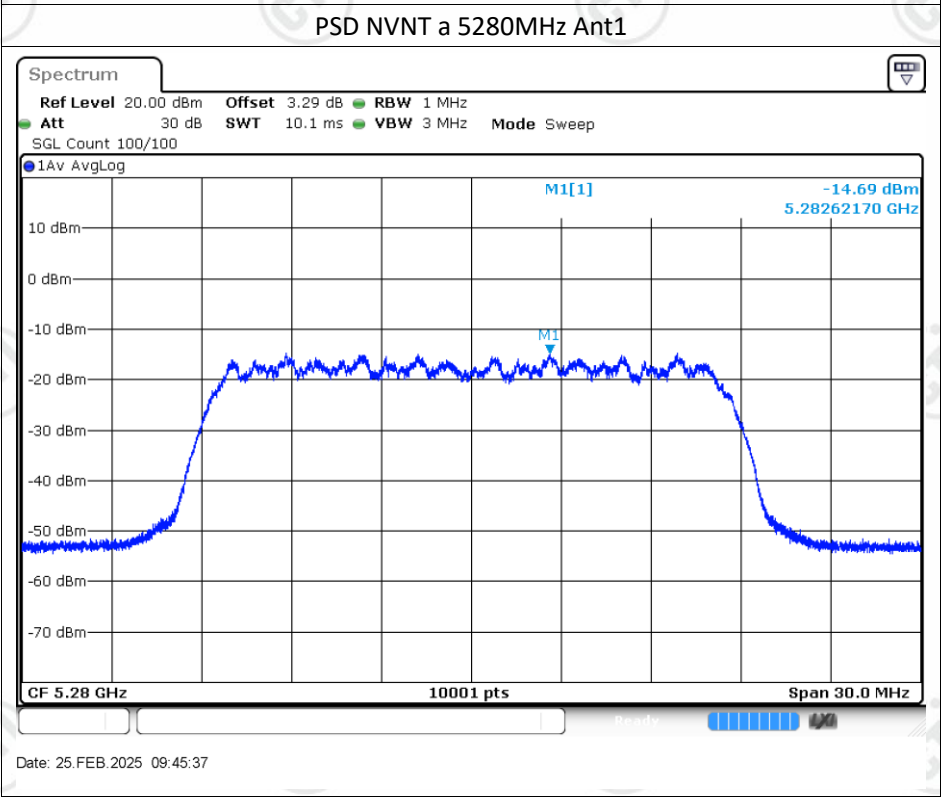


Date: 25.FEB.2025 09:24:43

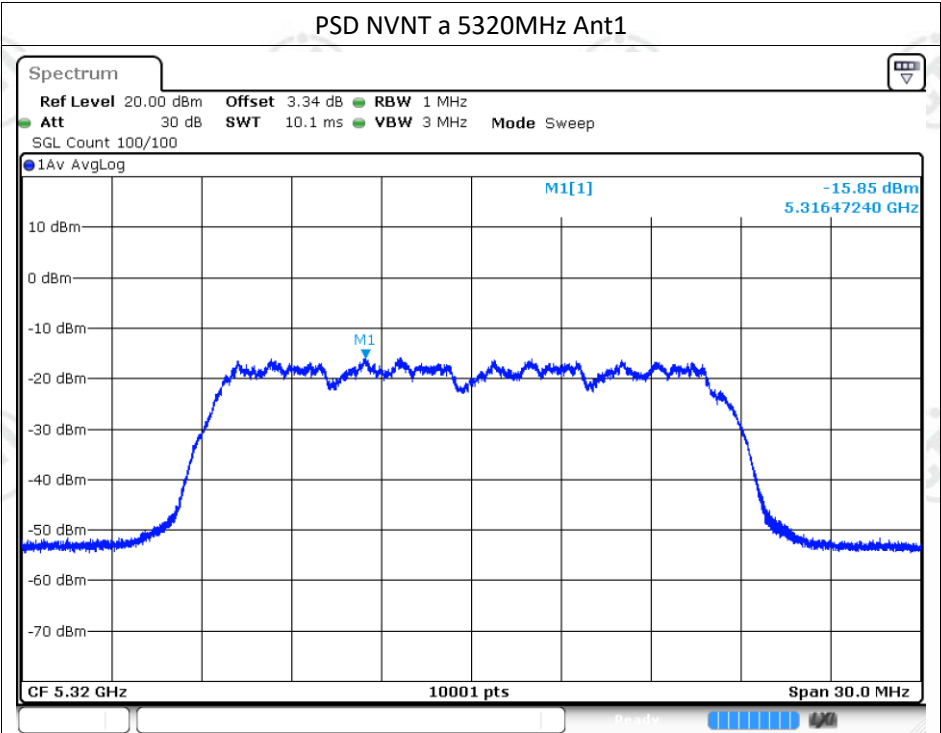




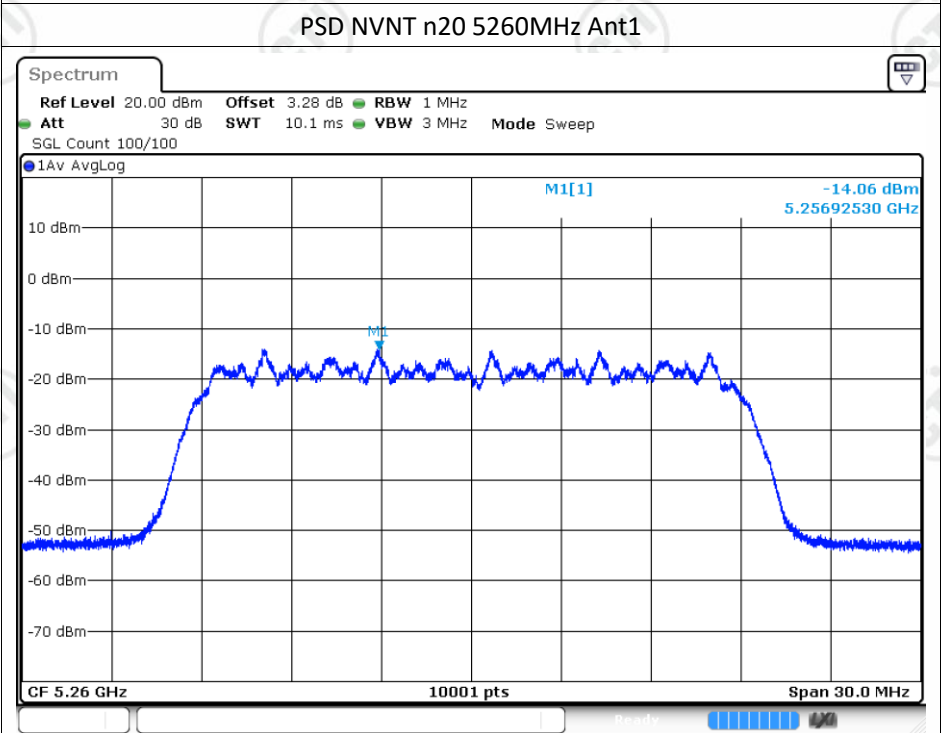
Date: 25.FEB.2025 09:44:22



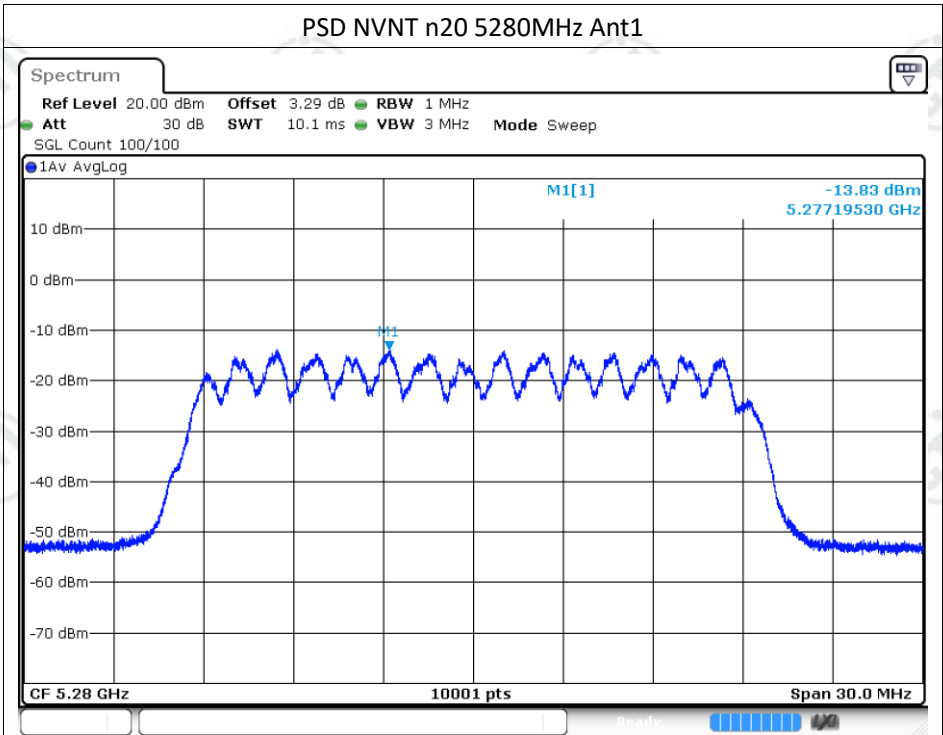
Date: 25.FEB.2025 09:45:37



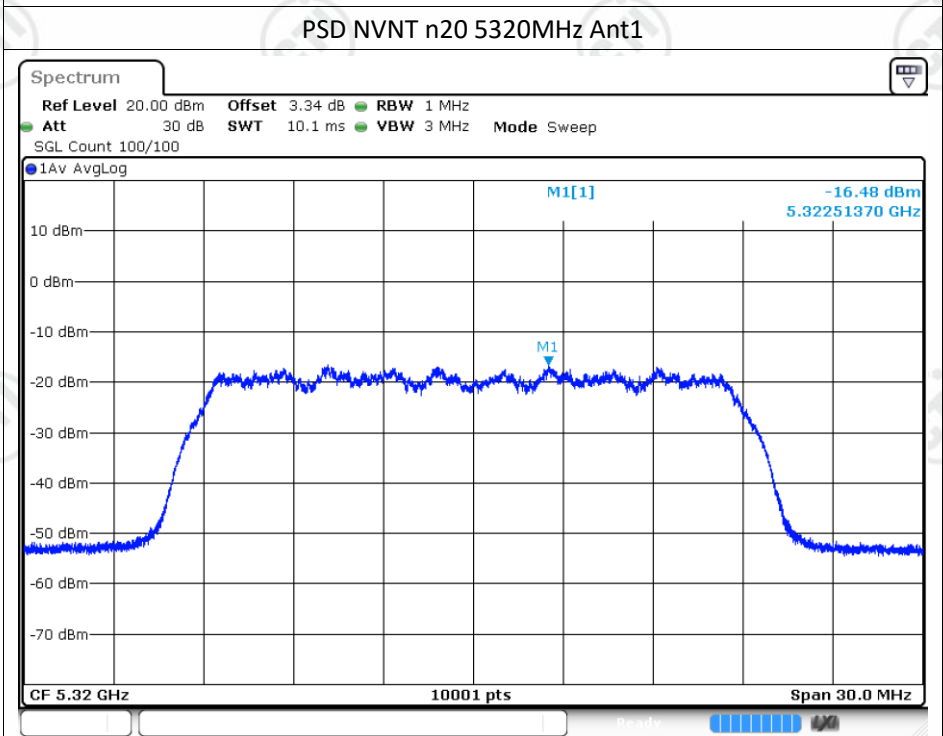
Date: 25.FEB.2025 10:10:58



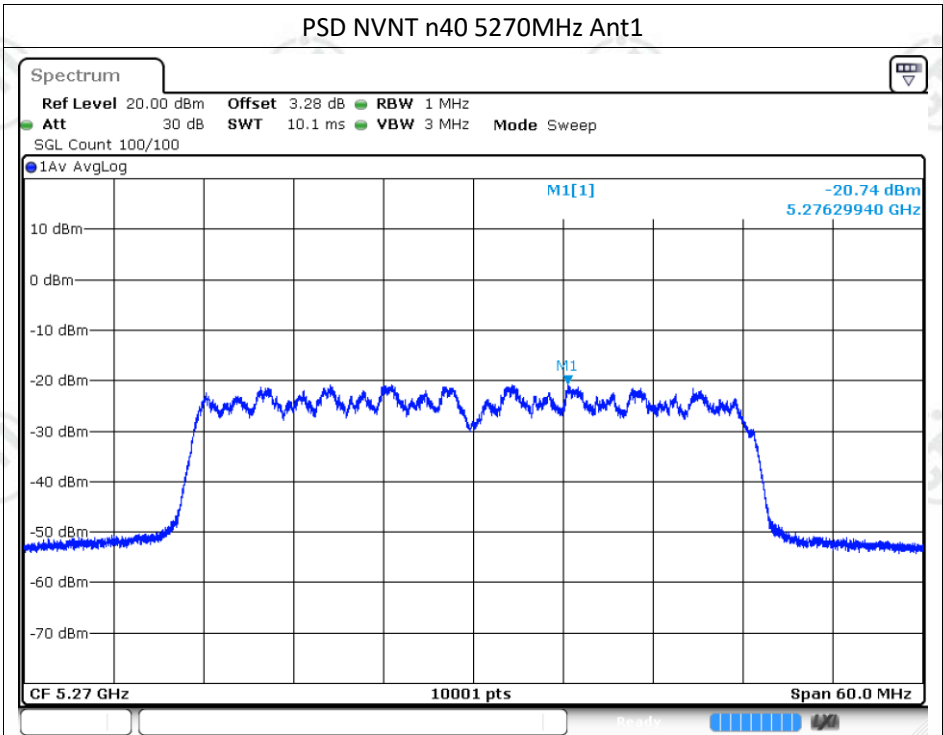
Date: 25.FEB.2025 09:47:03



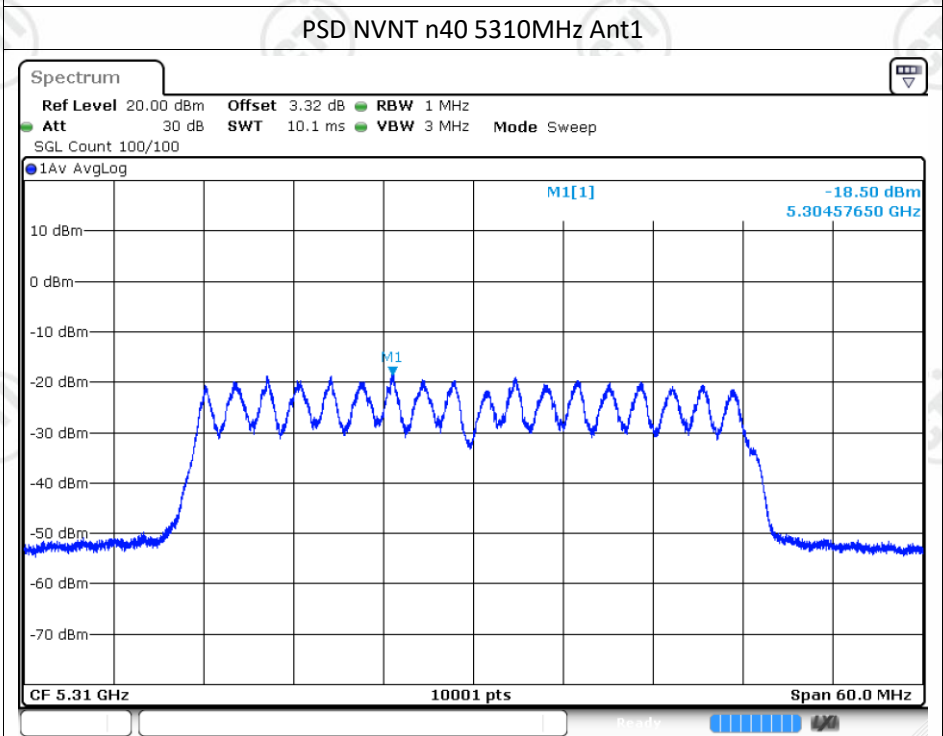
Date: 25.FEB.2025 09:48:09



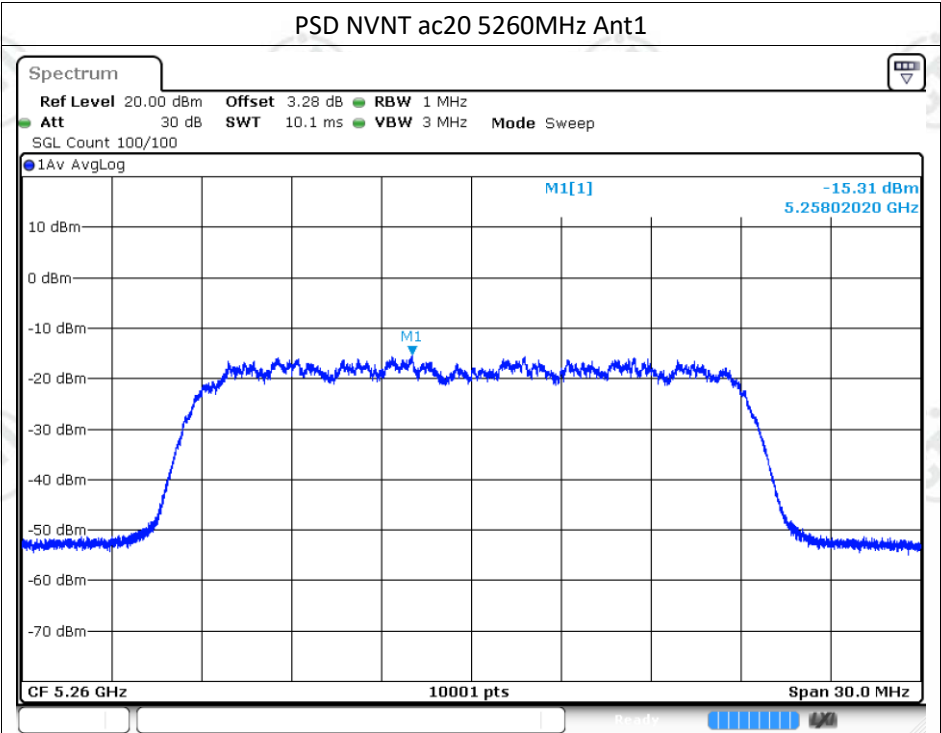
Date: 25.FEB.2025 10:14:32



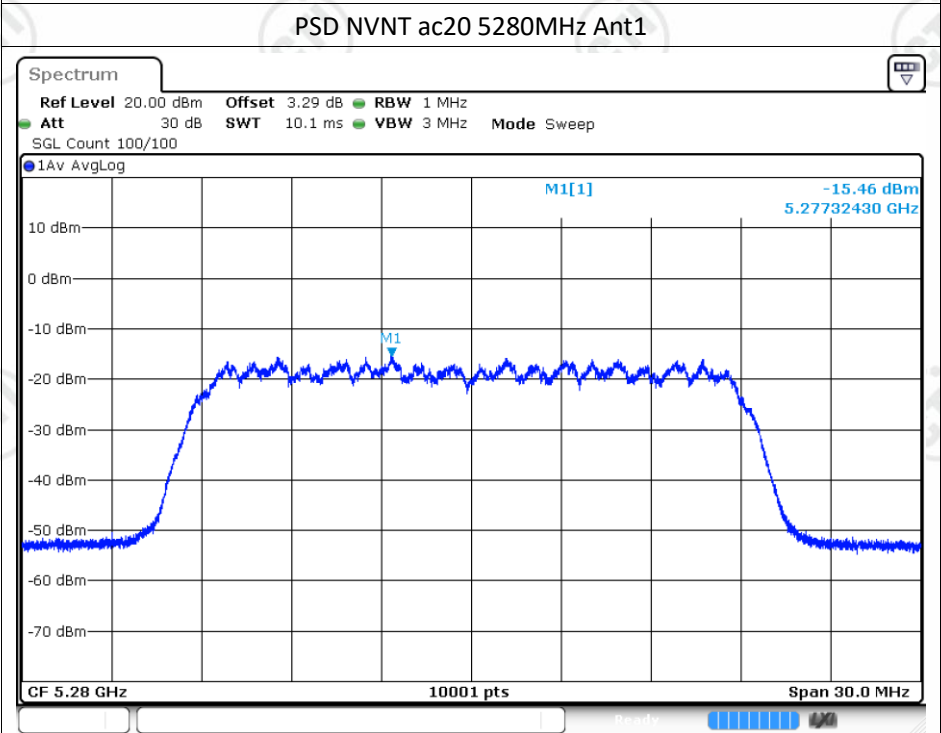
Date: 25.FEB.2025 09:52:05



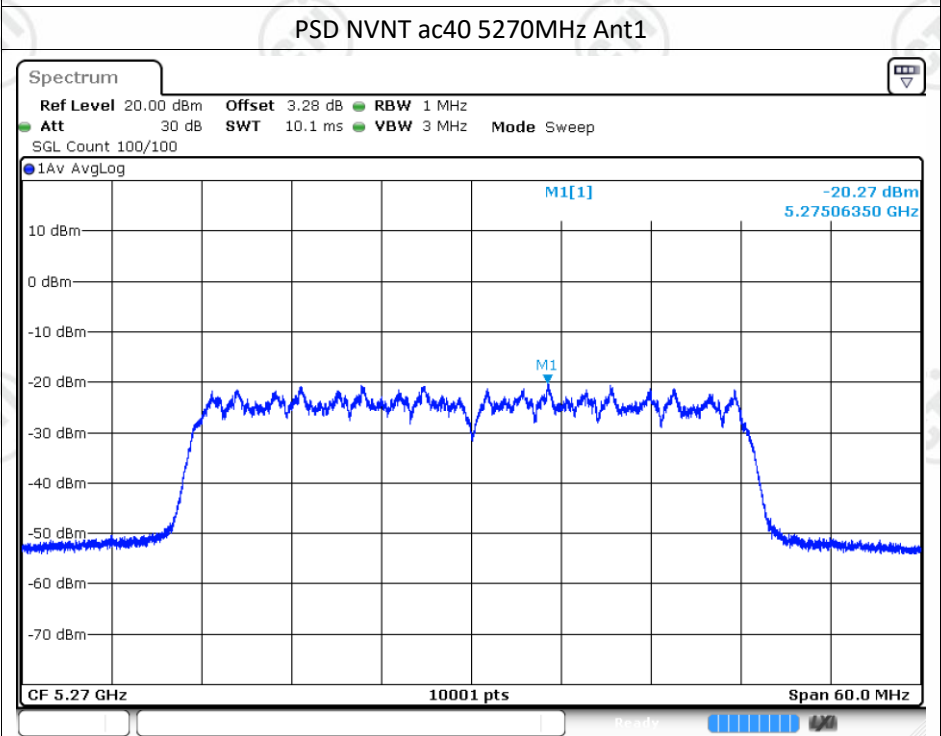
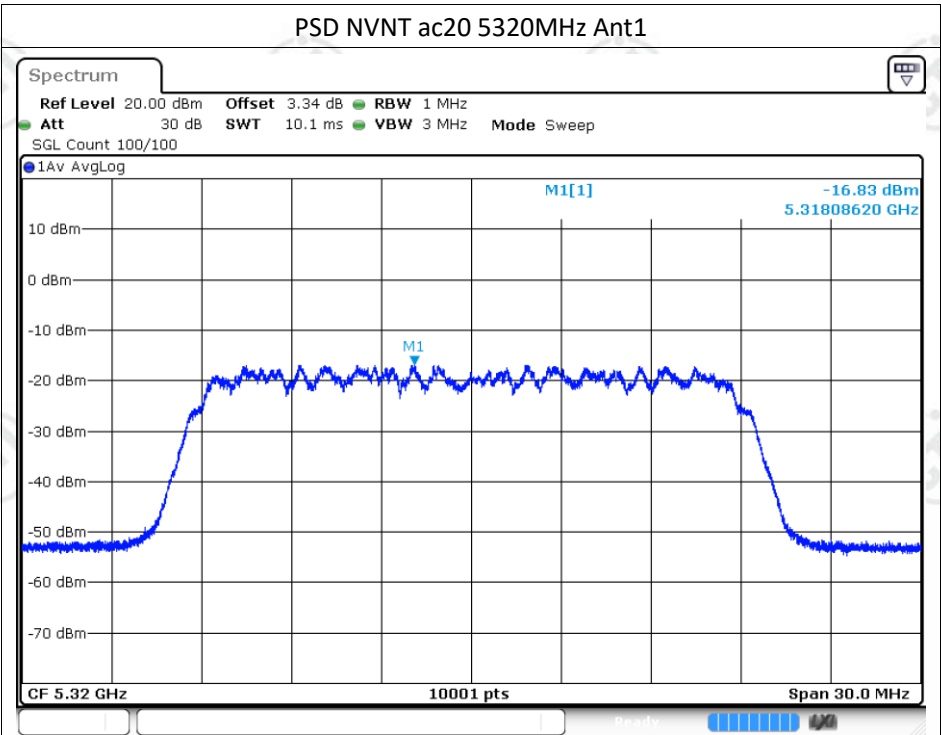
Date: 25.FEB.2025 10:07:29

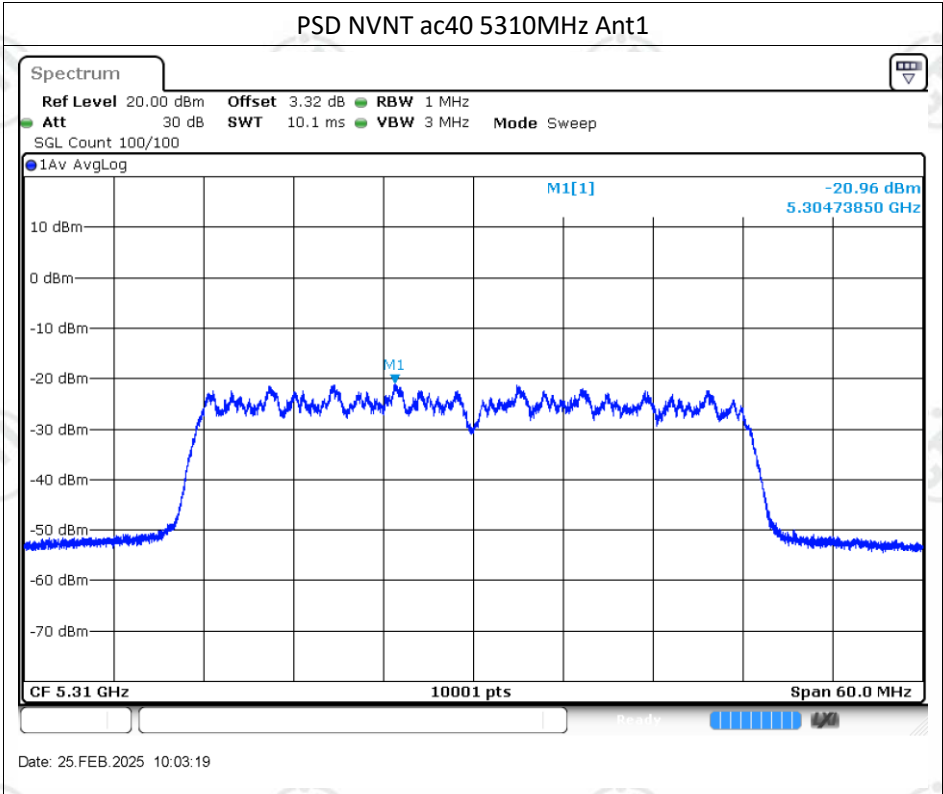


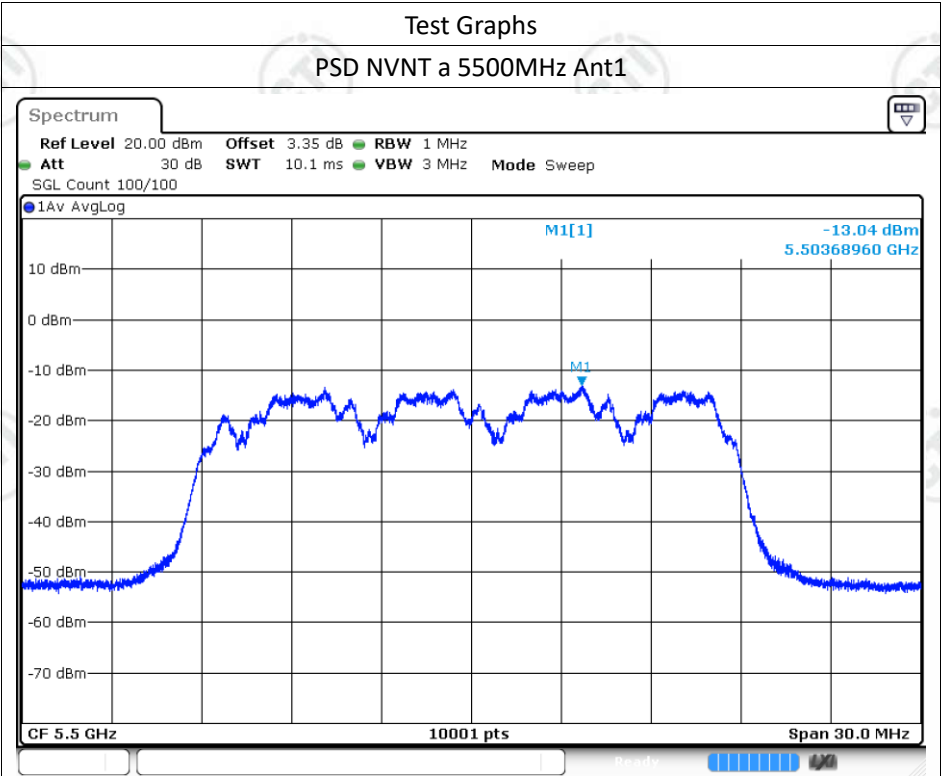
Date: 25.FEB.2025 09:54:44



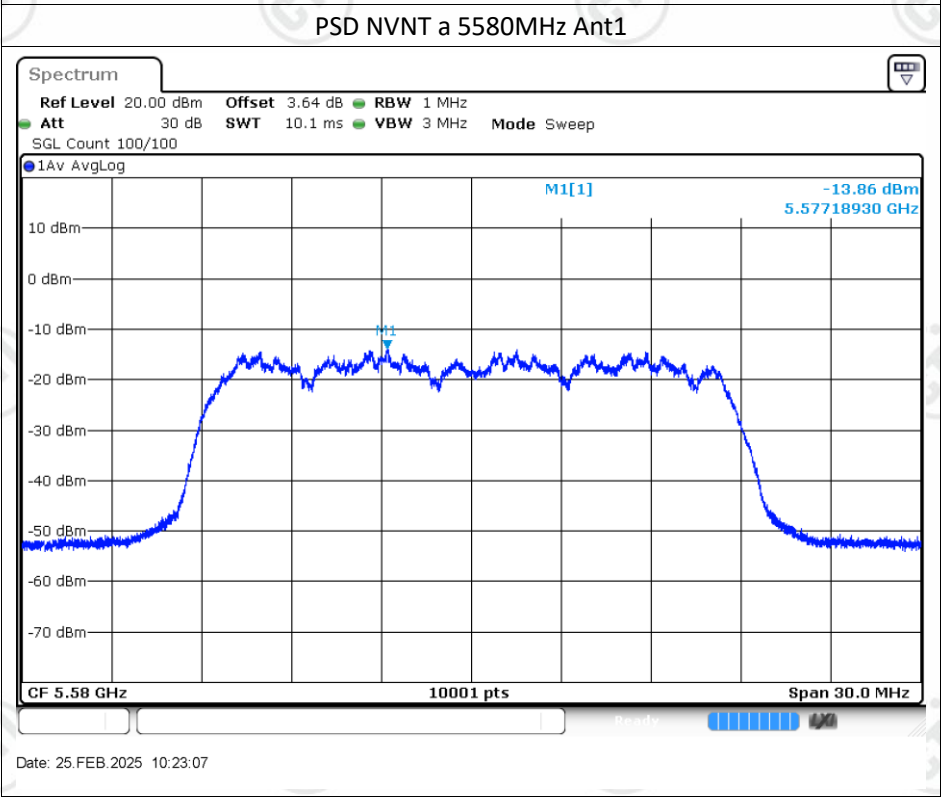
Date: 25.FEB.2025 09:56:17



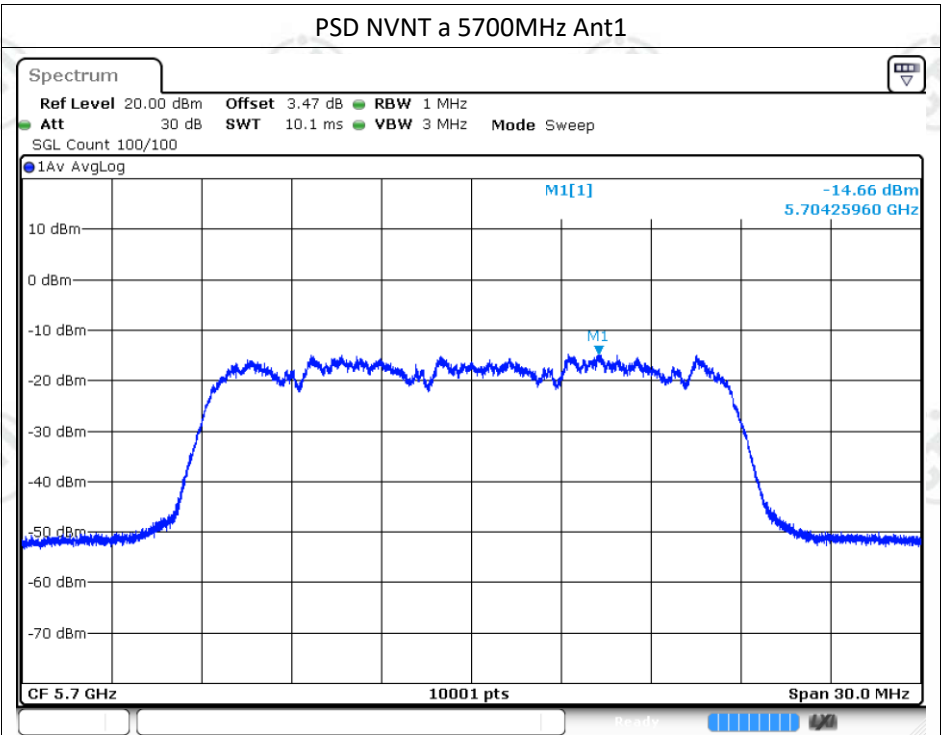




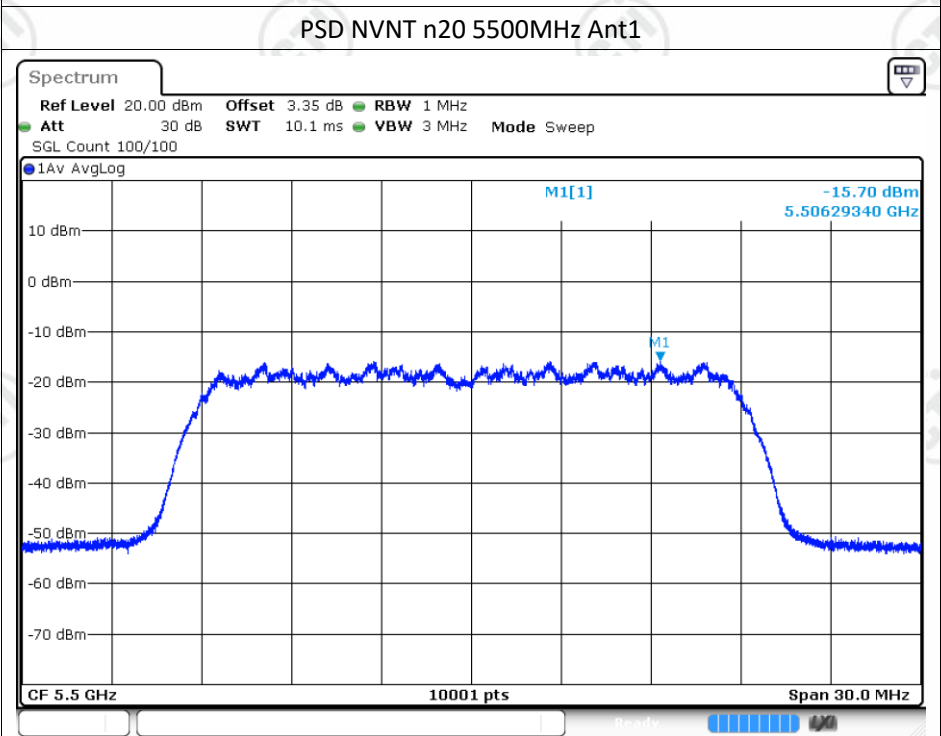
Date: 25.FEB.2025 10:19:45



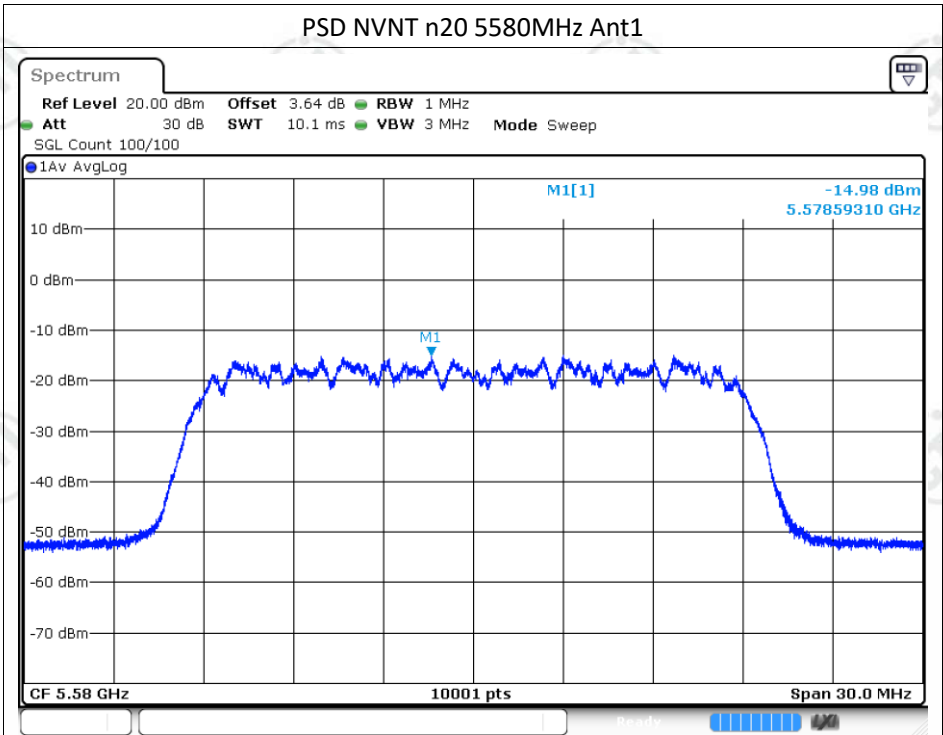
Date: 25.FEB.2025 10:23:07



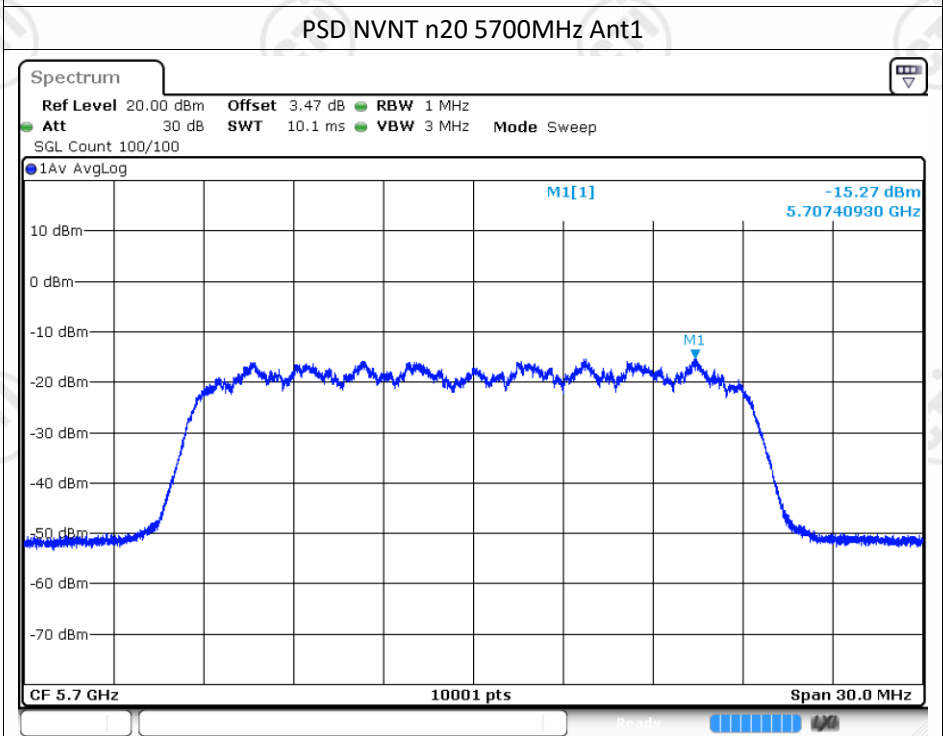
Date: 25.FEB.2025 10:24:33



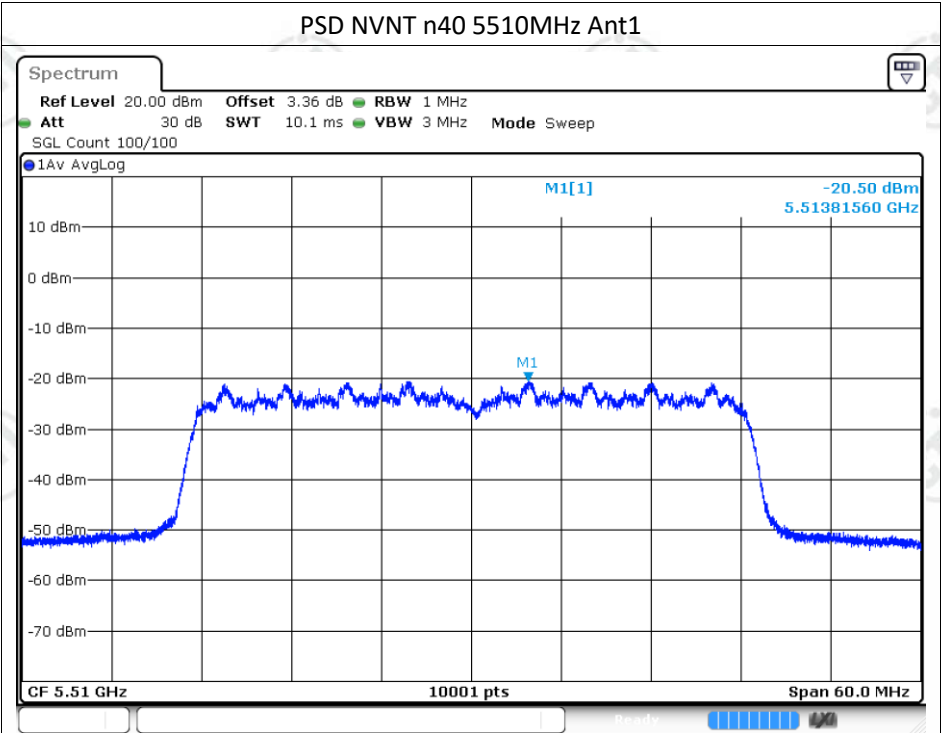
Date: 25.FEB.2025 10:29:34



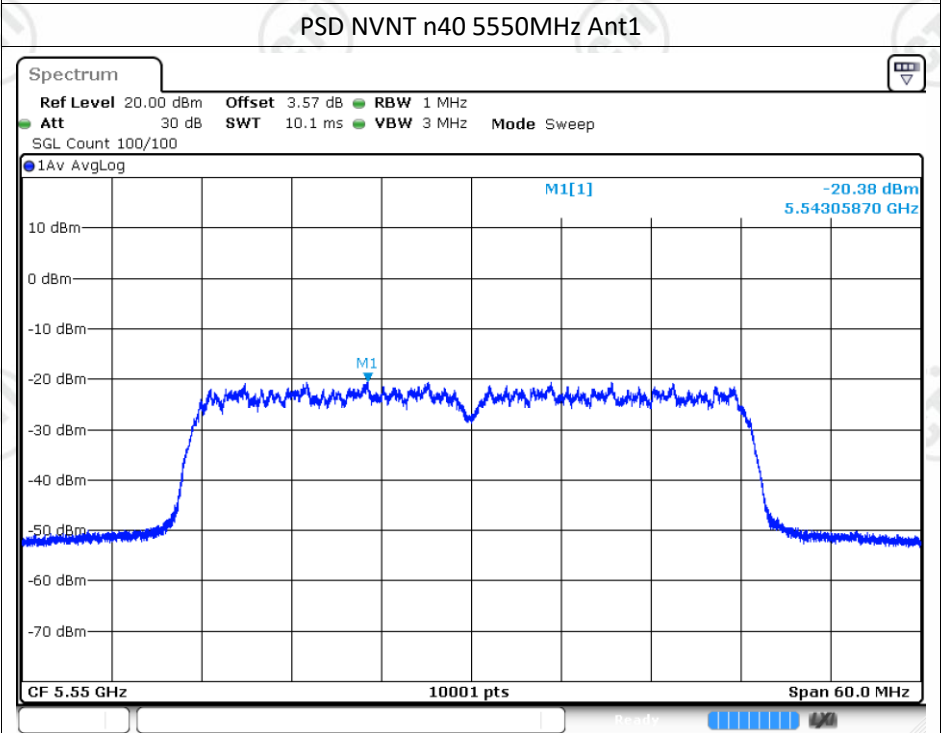
Date: 25.FEB.2025 10:31:58



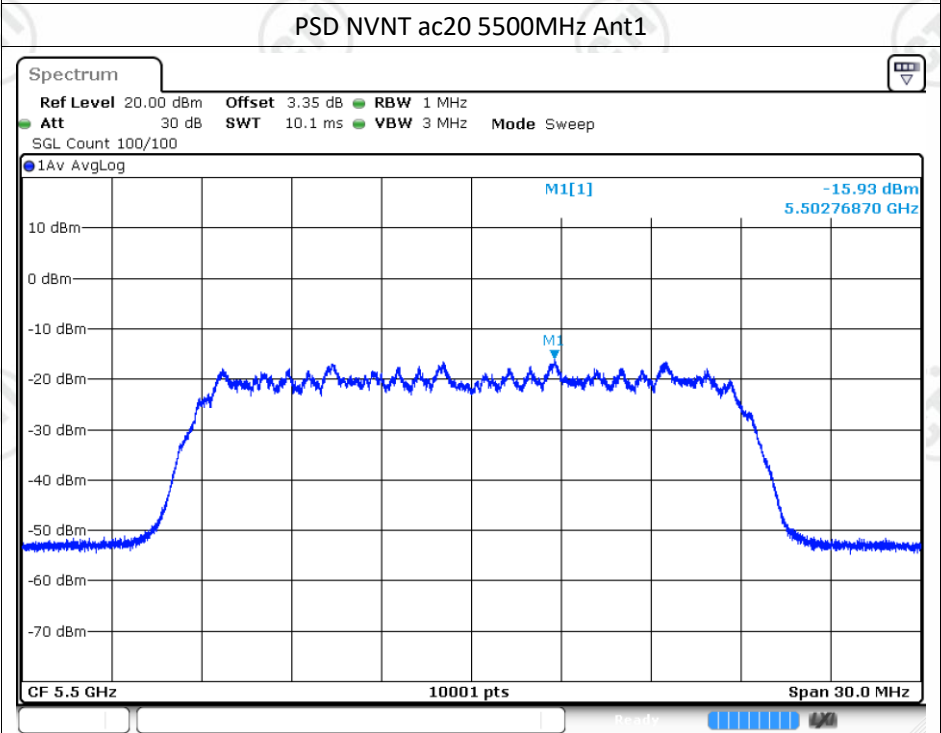
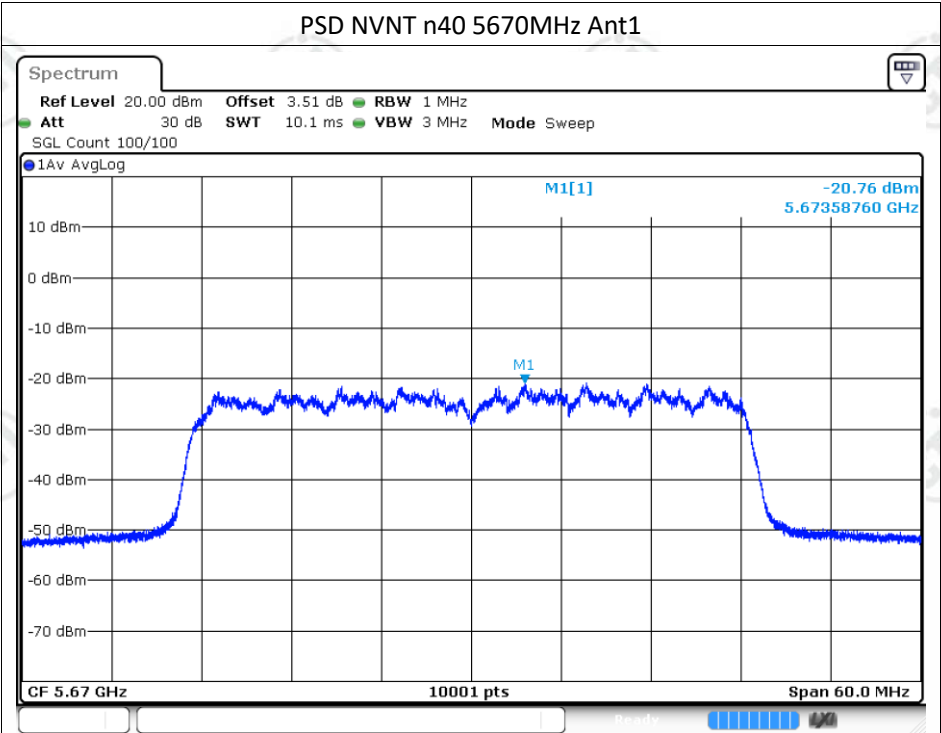
Date: 25.FEB.2025 10:33:43

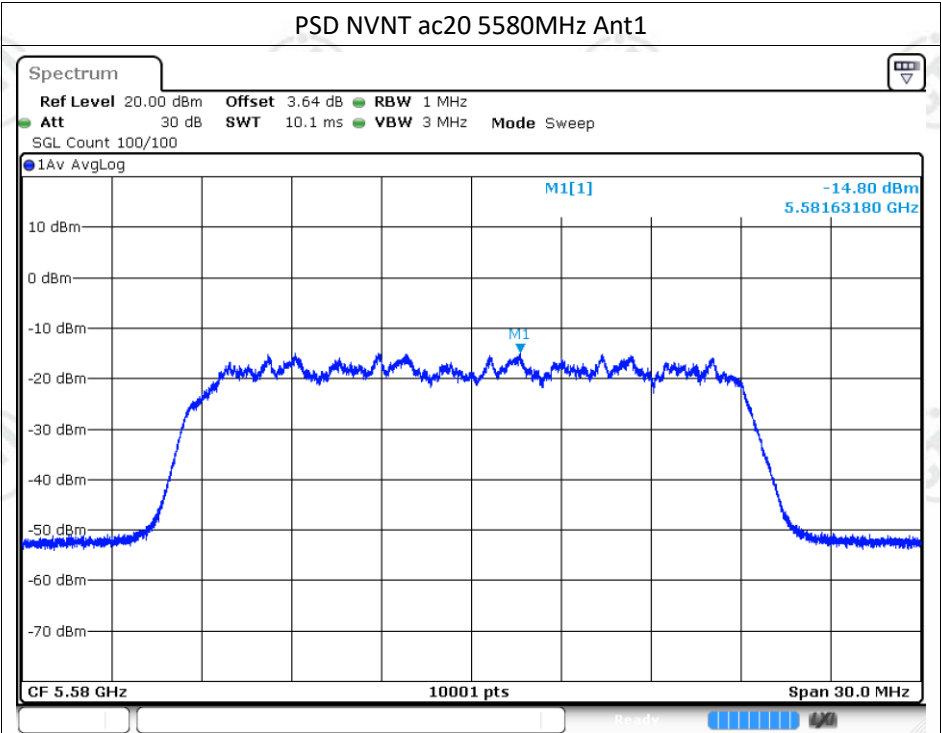


Date: 25.FEB.2025 10:52:52

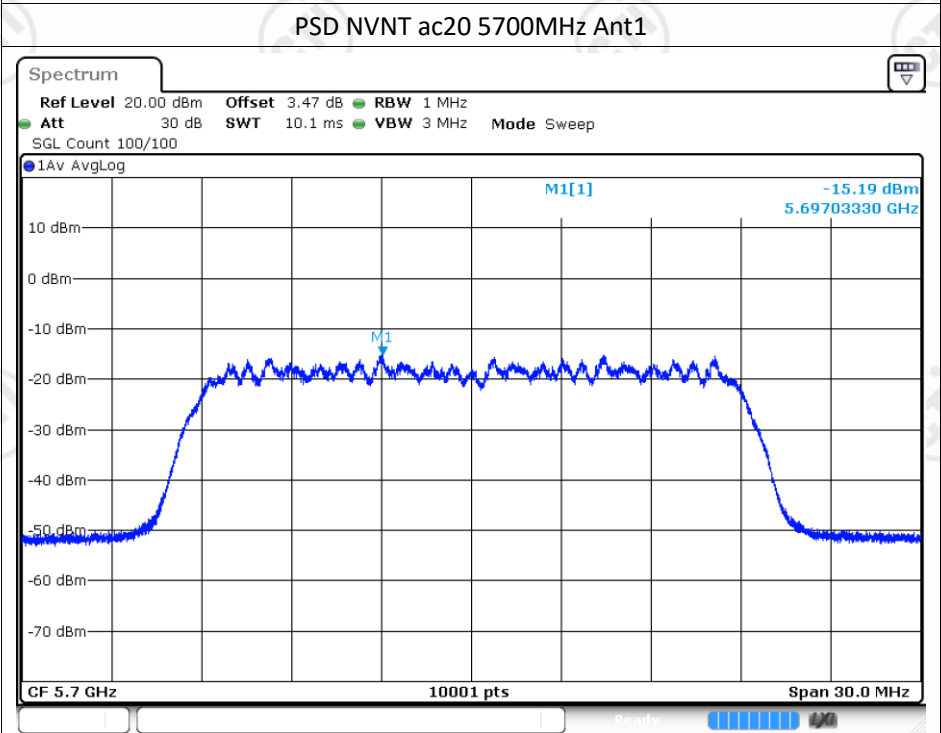


Date: 25.FEB.2025 10:55:13

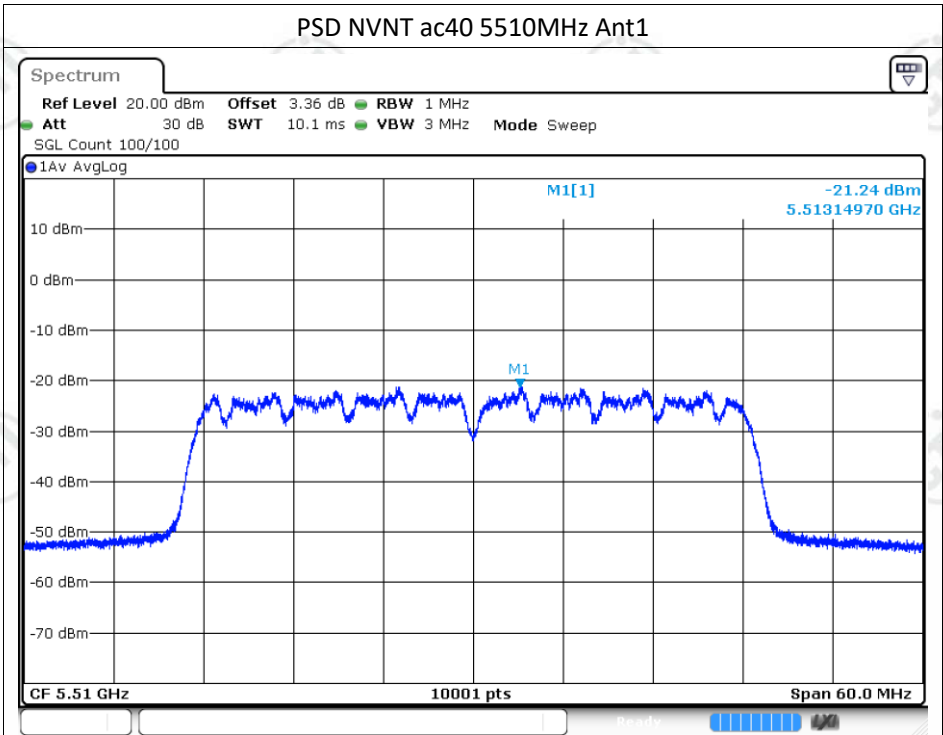




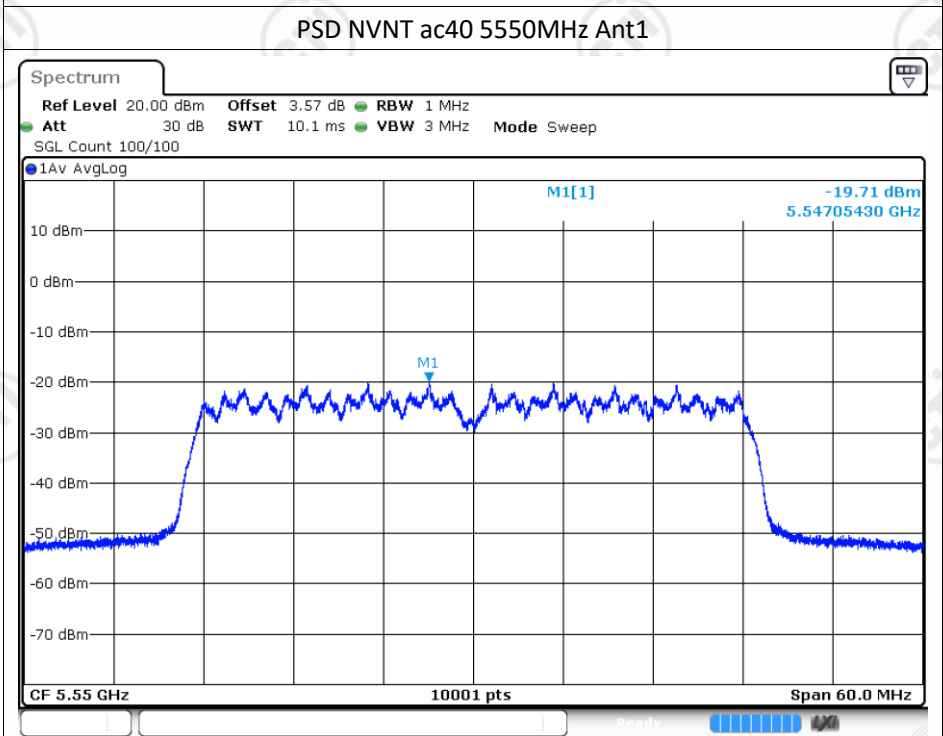
Date: 25.FEB.2025 10:42:21



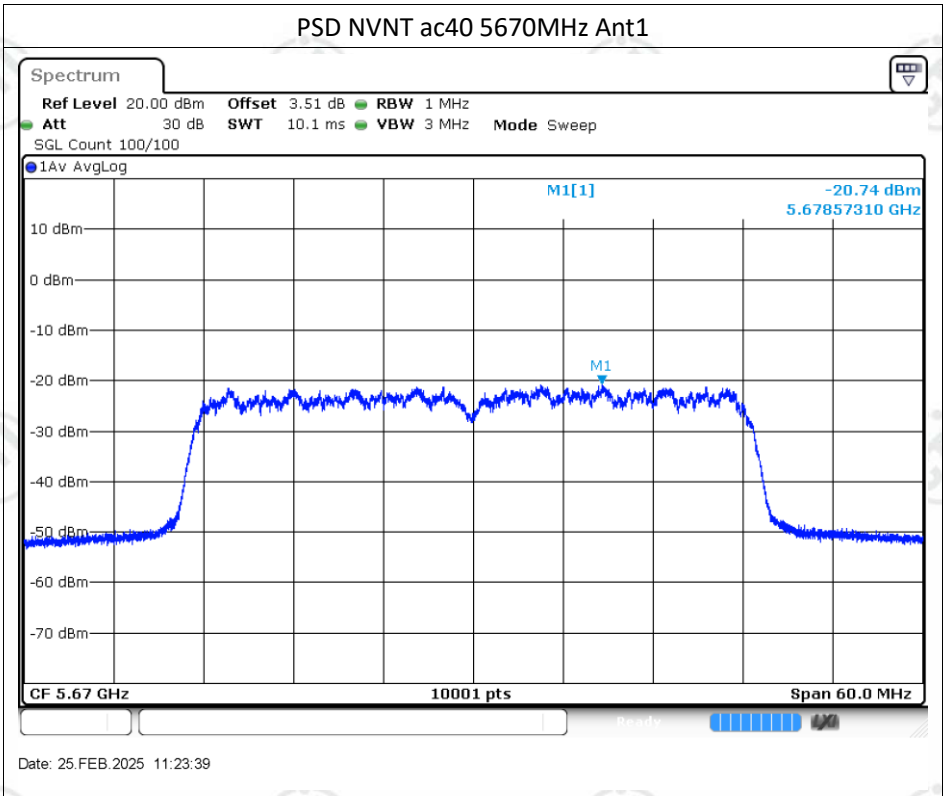
Date: 25.FEB.2025 10:43:59



Date: 25.FEB.2025 11:19:46



Date: 25.FEB.2025 11:21:57



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	0.00	0.000000	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5220	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5220	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5300	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5300	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5300	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5320	LV	NT	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5500	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5580	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5580	HV	NT	-20000.00	-3.584229	20	PASS
11A	Ant1	5700	NV	NT	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5700	HV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	HV	NT	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5220	NV	NT	0.00	0.000000	20	PASS

11N20SI SO	Ant1	5220	LV	NT	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	HV	NT	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	LV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5260	HV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	NV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	HV	NT	-40000.00	-7.547170	20	PASS
11N20SI SO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	HV	NT	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5580	NV	NT	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	LV	NT	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	HV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5700	NV	NT	-20000.00	-3.508772	20	PASS

11N20SI SO	Ant1	5700	LV	NT	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	HV	NT	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	LV	NT	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	HV	NT	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5510	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	LV	NT	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5550	NV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	LV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	HV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5670	NV	NT	0.00	0.000000	20	PASS

11N40SI SO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11N40SI SO	Ant1	5670	HV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5180	HV	NT	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5220	NV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5220	LV	NT	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	HV	NT	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	HV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5260	NV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	HV	NT	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5300	NV	NT	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	HV	NT	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS

11AC20S ISO	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	HV	NT	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5580	NV	NT	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	LV	NT	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	HV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5700	NV	NT	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5700	LV	NT	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	HV	NT	-20000.00	-3.508772	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	HV	NT	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	HV	NT	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5510	NV	NT	0.00	0.000000	20	PASS

11AC40S ISO	Ant1	5510	LV	NT	-40000.00	-7.259528	20	PASS
11AC40S ISO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11AC40S ISO	Ant1	5550	NV	NT	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5550	HV	NT	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5670	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	30	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS

11A	Ant1	5240	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11A	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5300	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5300	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5300	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	30	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5320	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	30	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5500	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	-20	0.00	0.000000	20	PASS

11A	Ant1	5580	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	0	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	40	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	-10	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	20	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	50	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	30	20000.00	3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5220	NV	-30	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	-10	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	0	0.00	0.000000	20	PASS

11N20SI SO	Ant1	5220	NV	10	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	20	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	30	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	40	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5220	NV	50	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	-10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS

11N20SI SO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	50	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	40	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5320	NV	-30	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5500	NV	-30	0.00	0.000000	20	PASS

11N20SI SO	Ant1	5500	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5500	NV	-10	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	0	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5500	NV	10	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	30	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	50	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5580	NV	-30	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	-20	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	-10	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	0	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	10	-40000.00	-7.168459	20	PASS
11N20SI SO	Ant1	5580	NV	20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5580	NV	30	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	40	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	50	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5700	NV	-30	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5700	NV	-10	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	0	-20000.00	-3.508772	20	PASS

11N20SI SO	Ant1	5700	NV	10	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	20	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	30	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	40	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	50	-20000.00	-3.508772	20	PASS
11N40SI SO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	50	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	30	0.00	0.000000	20	PASS

11N40SI SO	Ant1	5230	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5270	NV	-30	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	20	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	30	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5270	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	50	-40000.00	-7.590133	20	PASS
11N40SI SO	Ant1	5310	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	-20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	0	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	10	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	20	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	40	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5310	NV	50	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5510	NV	-30	0.00	0.000000	20	PASS

11N40SI SO	Ant1	5510	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	20	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	40	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	50	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5550	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5550	NV	-20	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	-10	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	0	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	10	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5550	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5550	NV	40	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	50	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5670	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5670	NV	-20	-40000.00	-7.054674	20	PASS
11N40SI SO	Ant1	5670	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5670	NV	0	-40000.00	-7.054674	20	PASS

11N40SI SO	Ant1	5670	NV	10	-80000.00	-14.109347	20	PASS
11N40SI SO	Ant1	5670	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5670	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5670	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5670	NV	50	-40000.00	-7.054674	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant1	5220	NV	-30	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	-10	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	0	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	10	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	20	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	30	-20000.00	-3.831418	20	PASS

11AC20S ISO	Ant1	5220	NV	40	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	50	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	-20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	-10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	0	-40000.00	-7.604563	20	PASS
11AC20S ISO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	20	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	30	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	40	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5260	NV	50	-20000.00	-3.802281	20	PASS
11AC20S ISO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS

11AC20S ISO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	-10	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11AC20S ISO	Ant1	5320	NV	-30	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5320	NV	-20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	0	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	20	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	40	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11AC20S ISO	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	-20	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	-10	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	0	-20000.00	-3.636364	20	PASS

11AC20S ISO	Ant1	5500	NV	10	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	30	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5500	NV	50	-20000.00	-3.636364	20	PASS
11AC20S ISO	Ant1	5580	NV	-30	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	-20	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	-10	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	0	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	10	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	20	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	30	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	40	-20000.00	-3.584229	20	PASS
11AC20S ISO	Ant1	5580	NV	50	-40000.00	-7.168459	20	PASS
11AC20S ISO	Ant1	5700	NV	-30	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5700	NV	-20	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	-10	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	0	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	10	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	20	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	30	0.00	0.000000	20	PASS

11AC20S ISO	Ant1	5700	NV	40	-20000.00	-3.508772	20	PASS
11AC20S ISO	Ant1	5700	NV	50	-20000.00	-3.508772	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	-30	0.00	0.000000	20	PASS

11AC40S ISO	Ant1	5270	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	-10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	10	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5270	NV	30	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	40	-40000.00	-7.590133	20	PASS
11AC40S ISO	Ant1	5270	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	-30	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	-10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	10	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5310	NV	40	-40000.00	-7.532957	20	PASS
11AC40S ISO	Ant1	5310	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	-20	-40000.00	-7.259528	20	PASS
11AC40S ISO	Ant1	5510	NV	-10	-40000.00	-7.259528	20	PASS
11AC40S ISO	Ant1	5510	NV	0	-40000.00	-7.259528	20	PASS

11AC40S ISO	Ant1	5510	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5510	NV	50	-40000.00	-7.259528	20	PASS
11AC40S ISO	Ant1	5550	NV	-30	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	-20	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	-10	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5550	NV	10	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5550	NV	30	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	40	-40000.00	-7.207207	20	PASS
11AC40S ISO	Ant1	5550	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	-10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	0	-40000.00	-7.054674	20	PASS
11AC40S ISO	Ant1	5670	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5670	NV	30	0.00	0.000000	20	PASS

11AC40S ISO	Ant1	5670	NV	40	-40000.00	-7.054674	20	PASS
11AC40S ISO	Ant1	5670	NV	50	0.00	0.000000	20	PASS

*** End of Report ***