

Appendix G: Maximum power spectral density

Test Result

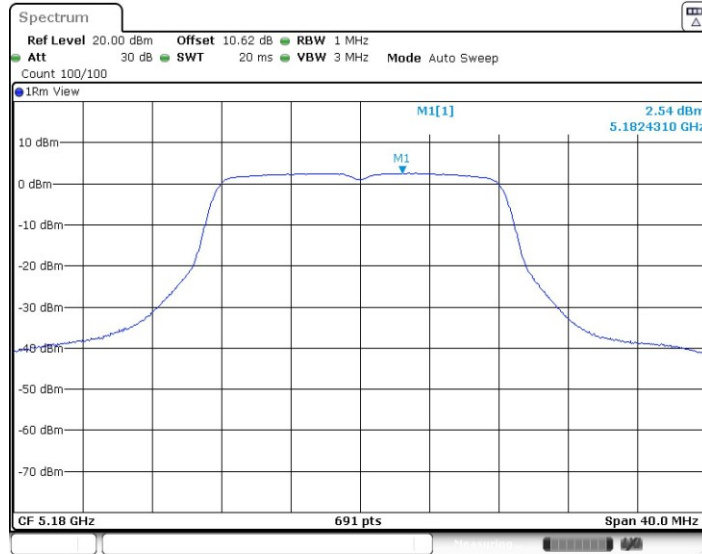
TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.54	≤11.00	PASS
		5220	1.39	≤11.00	PASS
		5240	2.92	≤11.00	PASS
		5260	3.83	≤11.00	PASS
		5300	2.26	≤11.00	PASS
		5320	1.29	≤11.00	PASS
		5745	-4.66	≤30.00	PASS
		5785	-5.33	≤30.00	PASS
		5825	-4.15	≤30.00	PASS
11N20SISO	Ant1	5180	-0.31	≤11.00	PASS
		5220	0.14	≤11.00	PASS
		5240	0.45	≤11.00	PASS
		5260	1.87	≤11.00	PASS
		5300	0.31	≤11.00	PASS
		5320	-0.59	≤11.00	PASS
		5745	-5.97	≤30.00	PASS
		5785	-6.89	≤30.00	PASS
		5825	-6.05	≤30.00	PASS
11N40SISO	Ant1	5190	-1.73	≤11.00	PASS
		5230	-1.89	≤11.00	PASS
		5270	0.1	≤11.00	PASS
		5310	-1.39	≤11.00	PASS
		5755	-4.31	≤30.00	PASS
		5795	-5.47	≤30.00	PASS

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

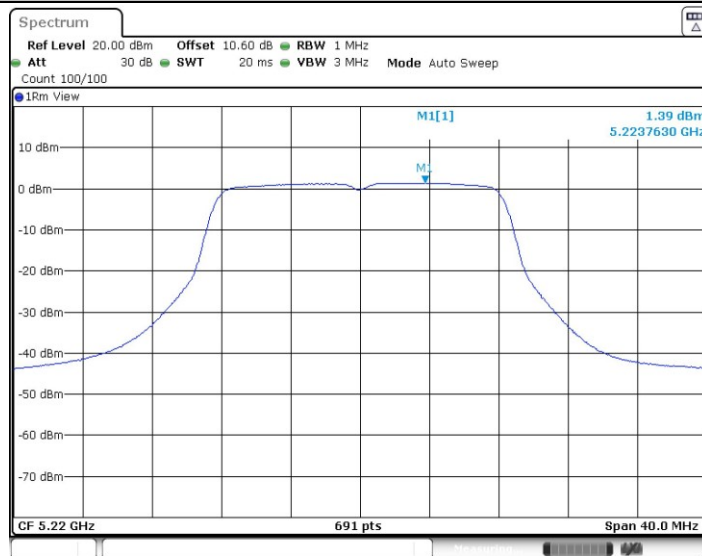
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

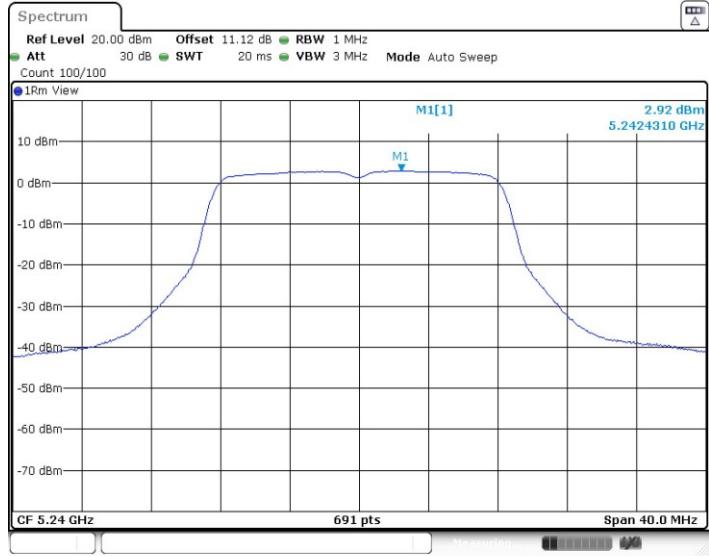
11A_Ant1_5180



11A_Ant1_5220



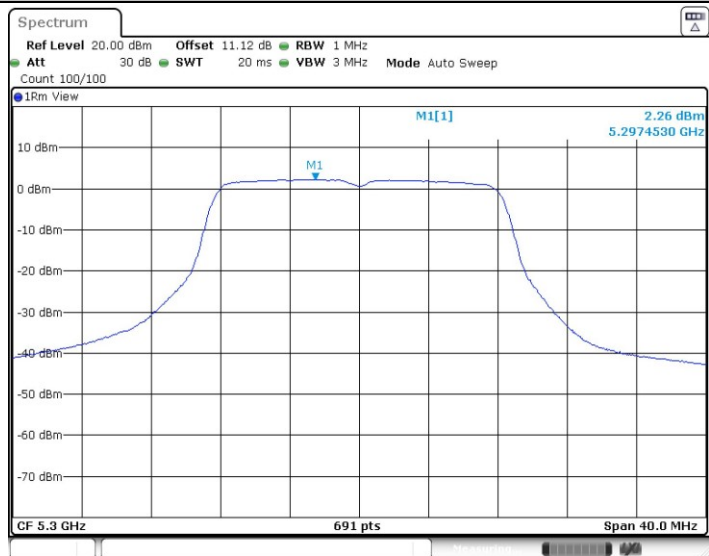
11A_Ant1_5240



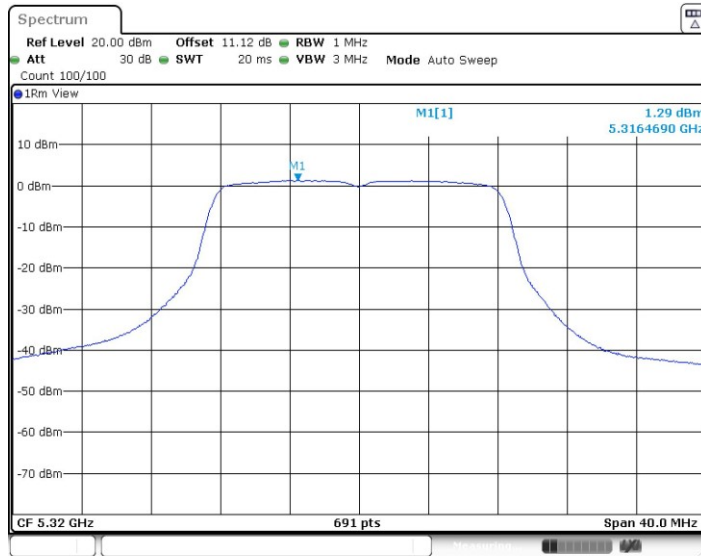
11A_Ant1_5260



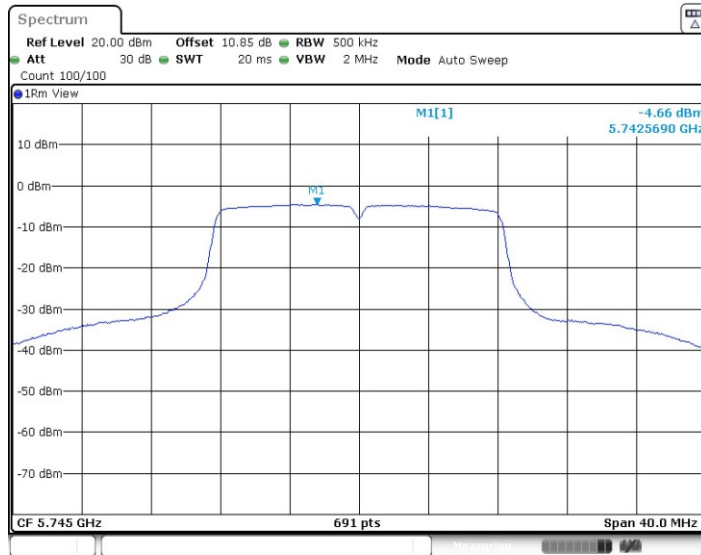
11A_Ant1_5300



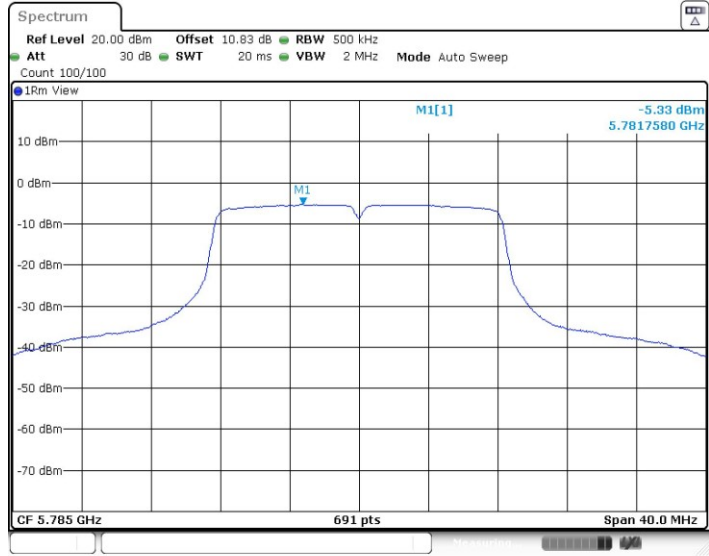
11A_Ant1_5320



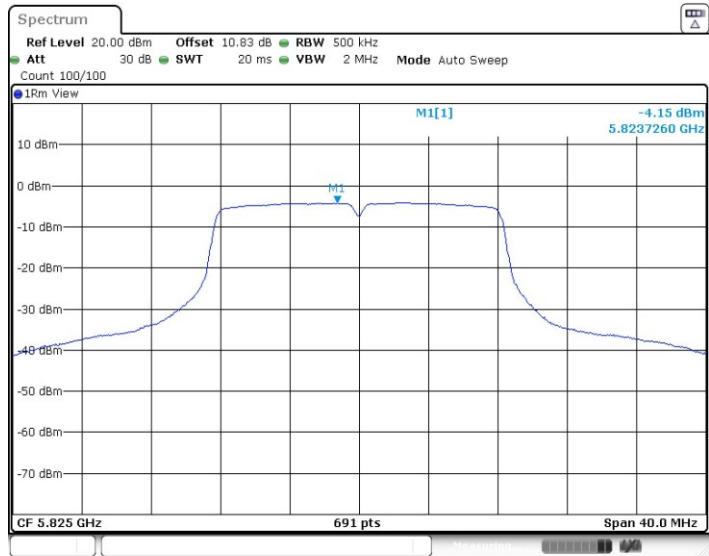
11A_Ant1_5745



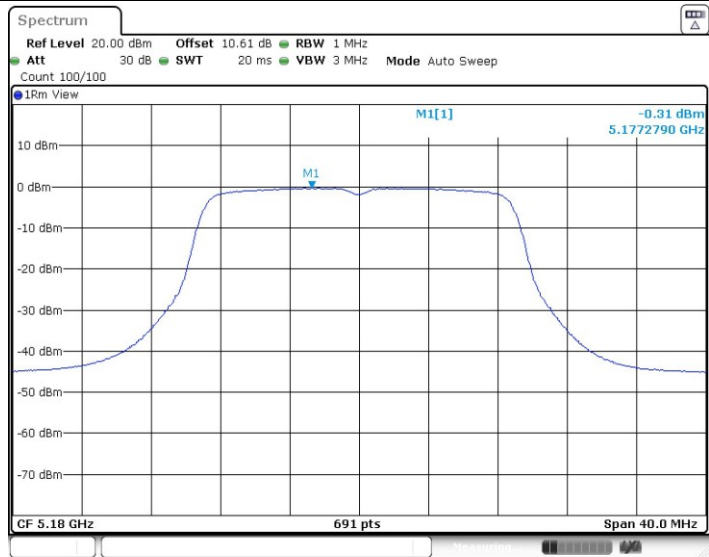
11A_Ant1_5785



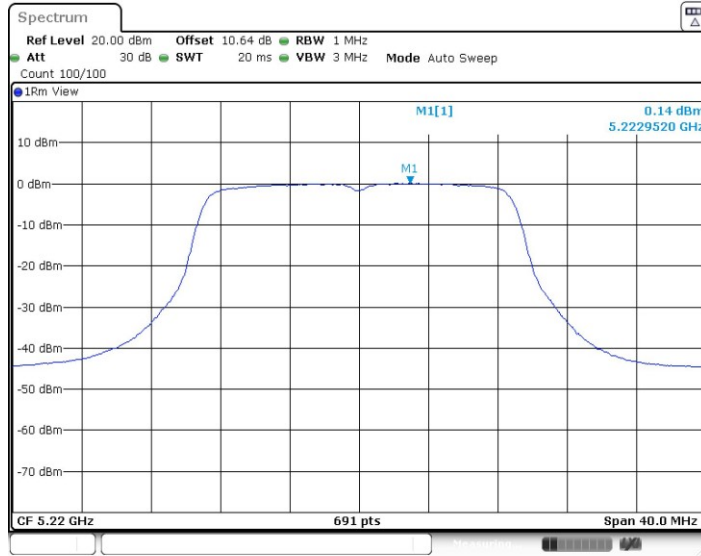
11A_Ant1_5825



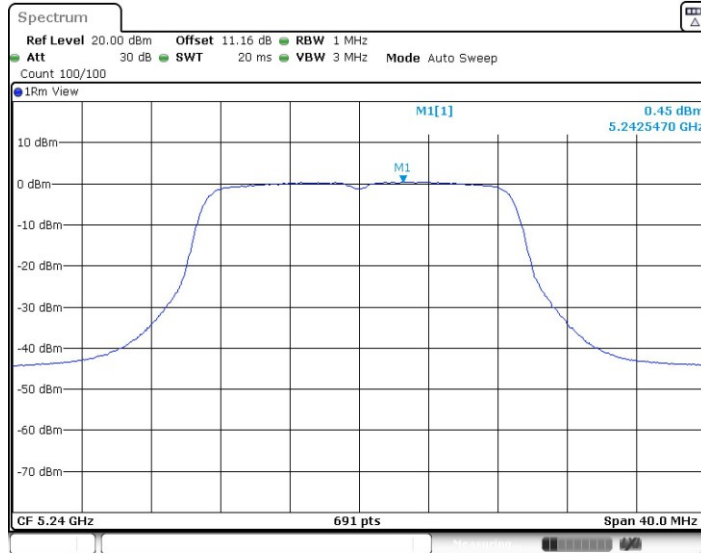
11N20SISO_Ant1_5180



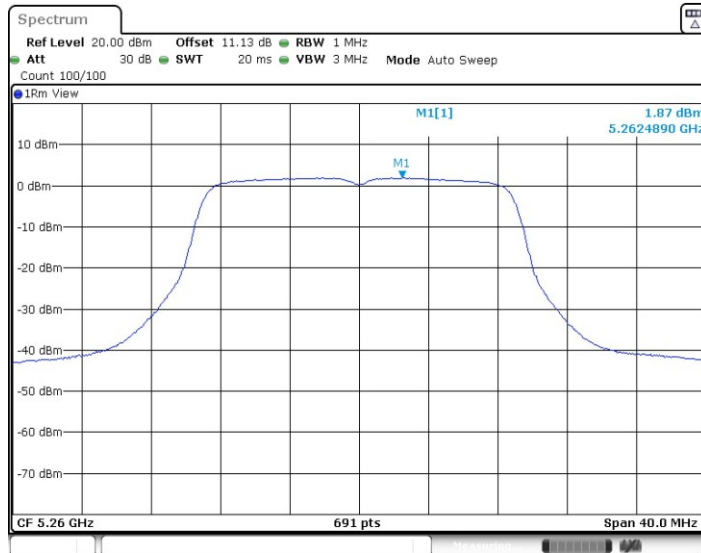
11N20SISO_Ant1_5220



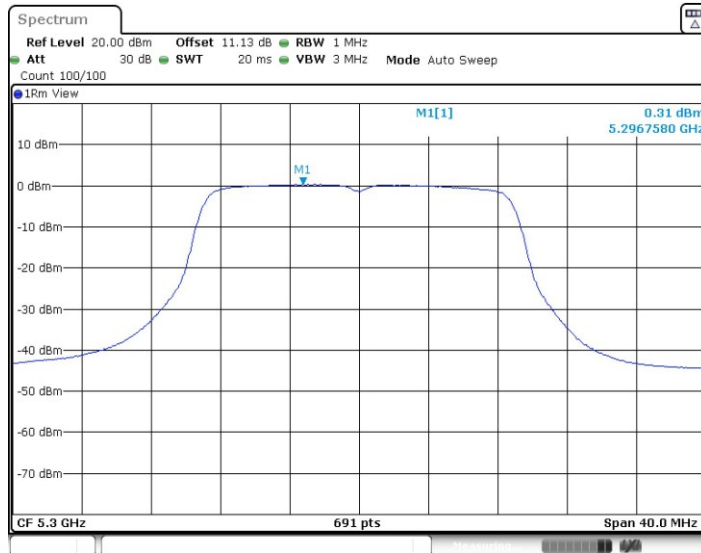
11N20SISO_Ant1_5240



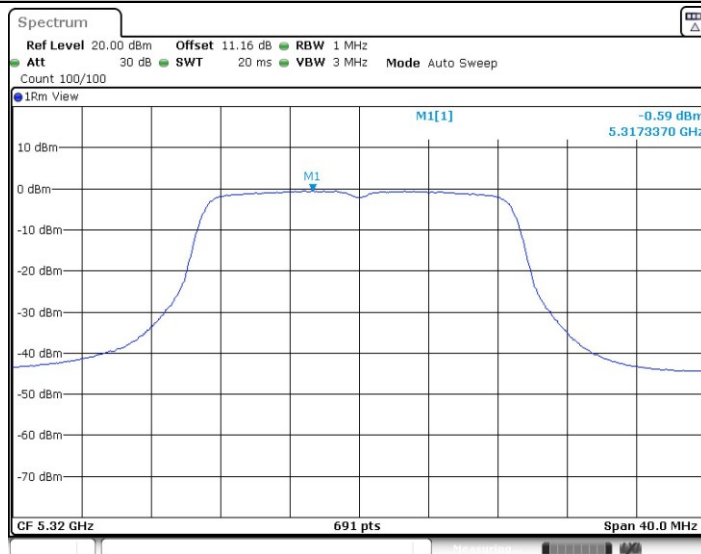
11N20SISO_Ant1_5260



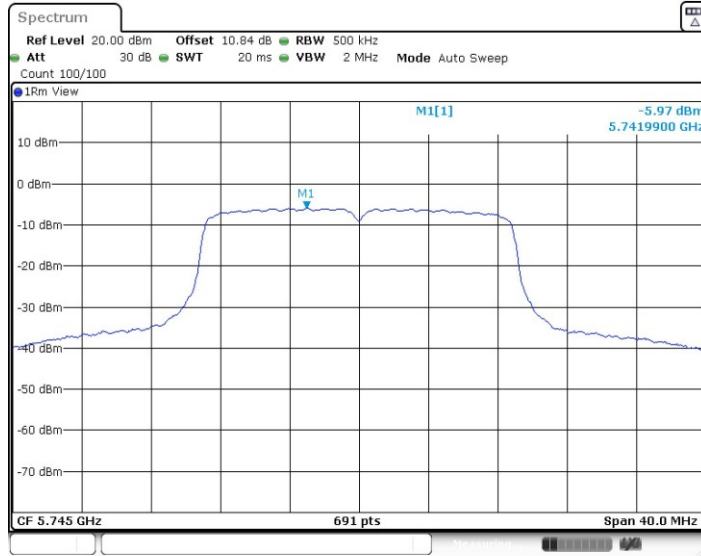
11N20SISO_Ant1_5300



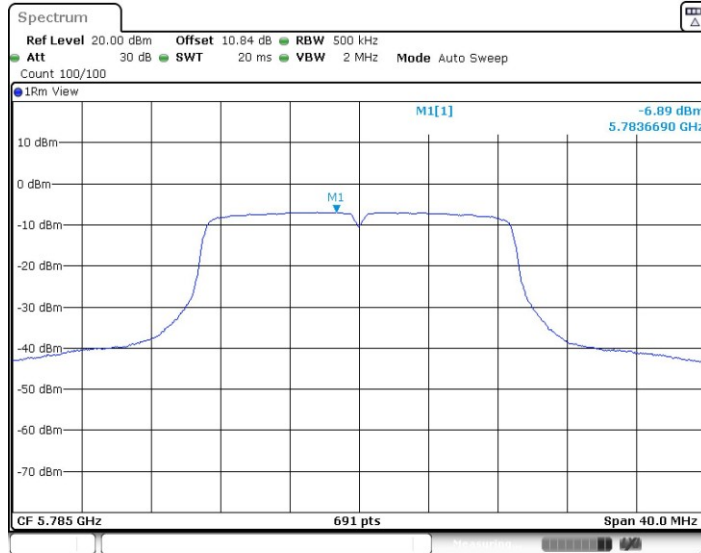
11N20SISO_Ant1_5320



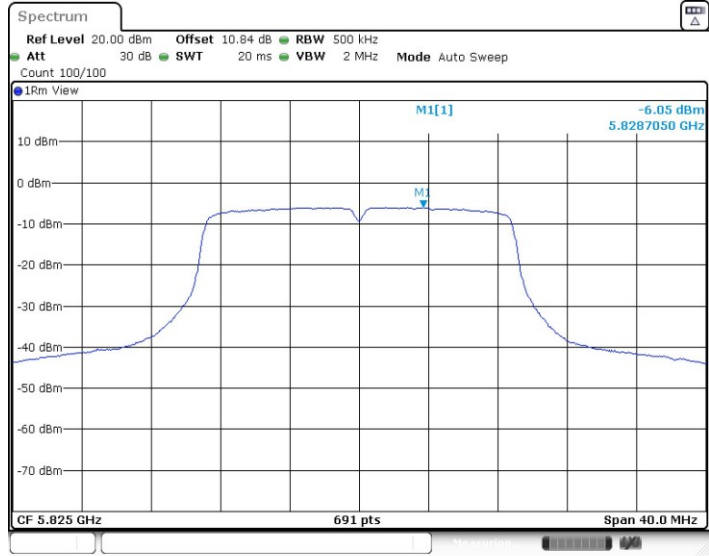
11N20SISO_Ant1_5745



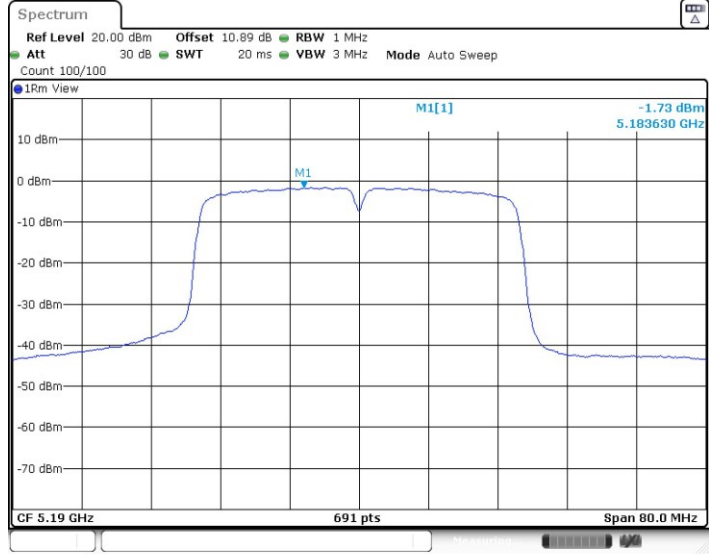
11N20SISO_Ant1_5785



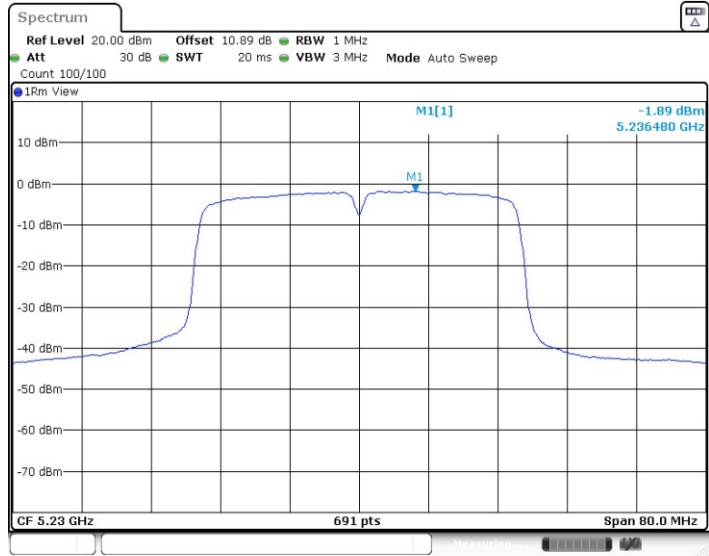
11N20SISO_Ant1_5825



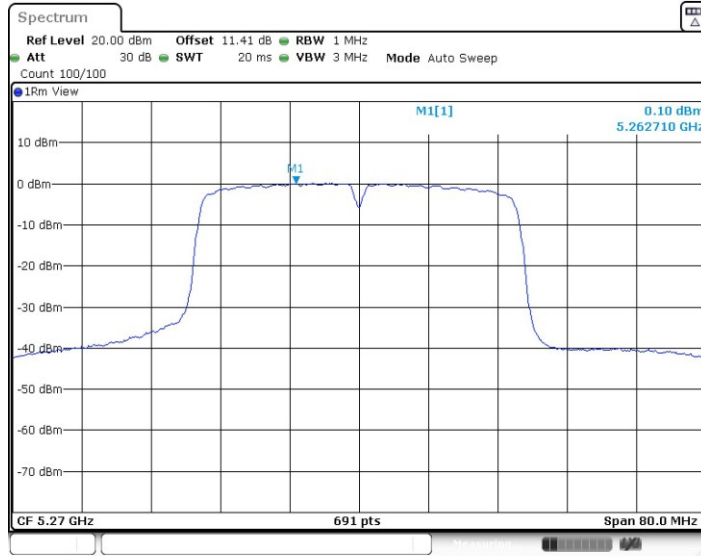
11N40SISO_Ant1_5190



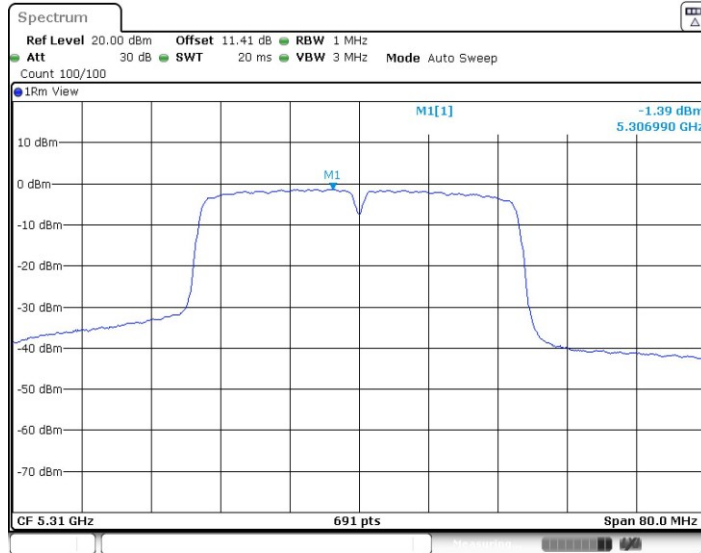
11N40SISO_Ant1_5230



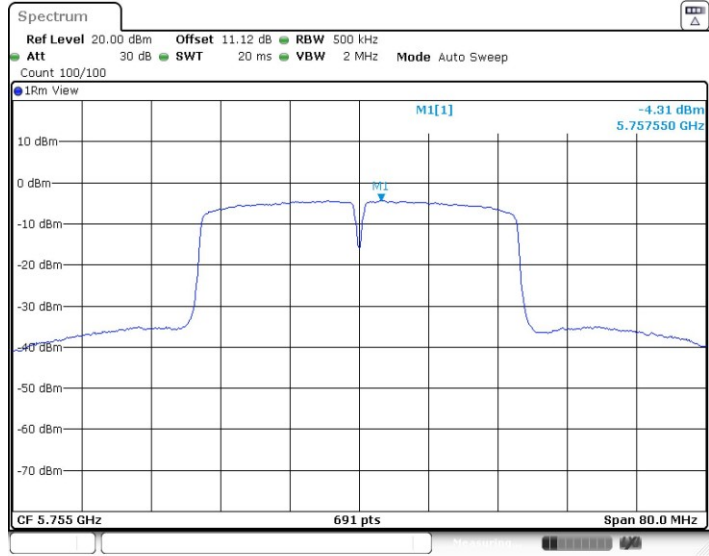
11N40SISO_Ant1_5270



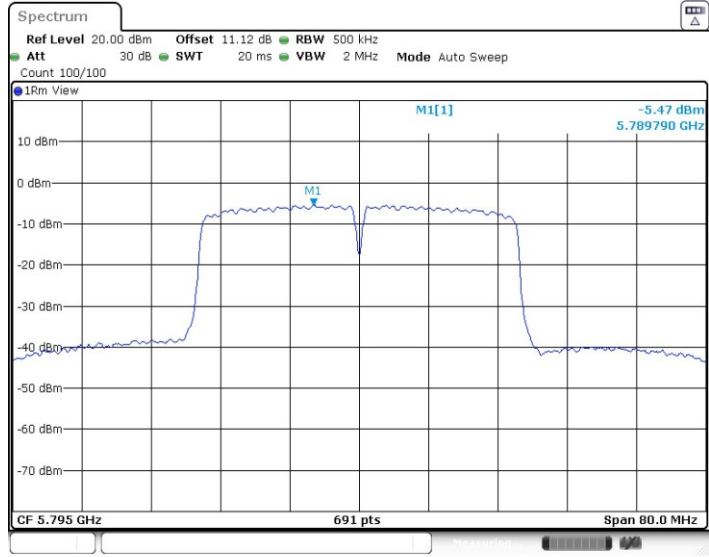
11N40SISO_Ant1_5310



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix H: Frequency Stability

Test Result

TestMode	Antenna	Channel	Voltage					Limit (ppm)	Verdict	
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)				
11A	Ant1	5180	NV	NT	-60000.00	-11.583012	20	PASS		
			LV	NT	-40000.00	-7.722008	20	PASS		
			HV	NT	-40000.00	-7.722008	20	PASS		
		5220	NV	NT	-40000.00	-7.662835	20	PASS		
			LV	NT	-40000.00	-7.662835	20	PASS		
			HV	NT	-40000.00	-7.662835	20	PASS		
		5240	NV	NT	-40000.00	-7.633588	20	PASS		
			LV	NT	-20000.00	-3.816794	20	PASS		
			HV	NT	-20000.00	-3.816794	20	PASS		
		5260	NV	NT	-20000.00	-3.802281	20	PASS		
			LV	NT	-20000.00	-3.802281	20	PASS		
			HV	NT	-20000.00	-3.802281	20	PASS		
		5300	NV	NT	-40000.00	-7.547170	20	PASS		
			LV	NT	-40000.00	-7.547170	20	PASS		
			HV	NT	-40000.00	-7.547170	20	PASS		
		5320	NV	NT	-40000.00	-7.518797	20	PASS		
			LV	NT	-40000.00	-7.518797	20	PASS		
			HV	NT	-40000.00	-7.518797	20	PASS		
		5745	NV	NT	-20000.00	-3.481288	20	PASS		
			LV	NT	-20000.00	-3.481288	20	PASS		
			HV	NT	-40000.00	-6.962576	20	PASS		
		5785	NV	NT	-40000.00	-6.914434	20	PASS		
			LV	NT	-40000.00	-6.914434	20	PASS		
			HV	NT	-40000.00	-6.914434	20	PASS		
		5825	NV	NT	-40000.00	-6.866953	20	PASS		
			LV	NT	-40000.00	-6.866953	20	PASS		
			HV	NT	-40000.00	-6.866953	20	PASS		
		11N20SI SO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
					LV	NT	-20000.00	-3.861004	20	PASS
					HV	NT	-40000.00	-7.722008	20	PASS
5220	NV			NT	-40000.00	-7.662835	20	PASS		
	LV			NT	-40000.00	-7.662835	20	PASS		
	HV			NT	-20000.00	-3.831418	20	PASS		
5240	NV			NT	-40000.00	-7.633588	20	PASS		
	LV			NT	-40000.00	-7.633588	20	PASS		
	HV			NT	-40000.00	-7.633588	20	PASS		

		5260	NV	NT	-40000.00	-7.604563	20	PASS		
			LV	NT	-40000.00	-7.604563	20	PASS		
			HV	NT	-20000.00	-3.802281	20	PASS		
		5300	NV	NT	-20000.00	-3.773585	20	PASS		
			LV	NT	-40000.00	-7.547170	20	PASS		
			HV	NT	-40000.00	-7.547170	20	PASS		
		5320	NV	NT	-20000.00	-3.759398	20	PASS		
			LV	NT	-20000.00	-3.759398	20	PASS		
			HV	NT	-20000.00	-3.759398	20	PASS		
		5745	NV	NT	-40000.00	-6.962576	20	PASS		
			LV	NT	-40000.00	-6.962576	20	PASS		
			HV	NT	-40000.00	-6.962576	20	PASS		
		5785	NV	NT	-40000.00	-6.914434	20	PASS		
			LV	NT	-40000.00	-6.914434	20	PASS		
			HV	NT	-40000.00	-6.914434	20	PASS		
		5825	NV	NT	-40000.00	-6.866953	20	PASS		
			LV	NT	-40000.00	-6.866953	20	PASS		
			HV	NT	-40000.00	-6.866953	20	PASS		
		11N40SI SO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
					LV	NT	-40000.00	-7.707129	20	PASS
					HV	NT	0.00	0.000000	20	PASS
				5230	NV	NT	-40000.00	-7.648184	20	PASS
					LV	NT	0.00	0.000000	20	PASS
					HV	NT	-40000.00	-7.648184	20	PASS
				5270	NV	NT	-40000.00	-7.590133	20	PASS
					LV	NT	-40000.00	-7.590133	20	PASS
					HV	NT	-80000.00	-15.180266	20	PASS
5310	NV			NT	-80000.00	-15.065913	20	PASS		
	LV			NT	-40000.00	-7.532957	20	PASS		
	HV			NT	-80000.00	-15.065913	20	PASS		
5755	NV			NT	-40000.00	-6.950478	20	PASS		
	LV			NT	-40000.00	-6.950478	20	PASS		
	HV			NT	-40000.00	-6.950478	20	PASS		
5795	NV			NT	-80000.00	-13.805004	20	PASS		
	LV			NT	-40000.00	-6.902502	20	PASS		
	HV			NT	-80000.00	-13.805004	20	PASS		

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS

			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
		5220	NV	-30	-40000.00	-7.662835	20	PASS
			NV	-20	-40000.00	-7.662835	20	PASS
			NV	-10	-40000.00	-7.662835	20	PASS
			NV	0	-40000.00	-7.662835	20	PASS
			NV	10	-40000.00	-7.662835	20	PASS
			NV	20	-40000.00	-7.662835	20	PASS
			NV	30	-40000.00	-7.662835	20	PASS
			NV	40	-20000.00	-3.831418	20	PASS
			NV	50	-40000.00	-7.662835	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-40000.00	-7.633588	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
		5260	NV	-30	-20000.00	-3.802281	20	PASS
			NV	-20	-20000.00	-3.802281	20	PASS
			NV	-10	-20000.00	-3.802281	20	PASS
			NV	0	-20000.00	-3.802281	20	PASS
			NV	10	-20000.00	-3.802281	20	PASS
			NV	20	-20000.00	-3.802281	20	PASS
			NV	30	-20000.00	-3.802281	20	PASS
			NV	40	-20000.00	-3.802281	20	PASS
			NV	50	-20000.00	-3.802281	20	PASS
		5300	NV	-30	-40000.00	-7.547170	20	PASS
			NV	-20	-40000.00	-7.547170	20	PASS
			NV	-10	-40000.00	-7.547170	20	PASS
			NV	0	-40000.00	-7.547170	20	PASS
			NV	10	-40000.00	-7.547170	20	PASS
			NV	20	-40000.00	-7.547170	20	PASS
			NV	30	-40000.00	-7.547170	20	PASS
			NV	40	-40000.00	-7.547170	20	PASS
			NV	50	-40000.00	-7.547170	20	PASS
		5320	NV	-30	-40000.00	-7.518797	20	PASS

			NV	-20	-40000.00	-7.518797	20	PASS
			NV	-10	-40000.00	-7.518797	20	PASS
			NV	0	-40000.00	-7.518797	20	PASS
			NV	10	-40000.00	-7.518797	20	PASS
			NV	20	-40000.00	-7.518797	20	PASS
			NV	30	-40000.00	-7.518797	20	PASS
			NV	40	-40000.00	-7.518797	20	PASS
			NV	50	-40000.00	-7.518797	20	PASS
		5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	-20000.00	-3.481288	20	PASS
			NV	40	-40000.00	-6.962576	20	PASS
		5785	NV	-30	-40000.00	-6.914434	20	PASS
			NV	-20	-40000.00	-6.914434	20	PASS
			NV	-10	-40000.00	-6.914434	20	PASS
			NV	0	-40000.00	-6.914434	20	PASS
			NV	10	-40000.00	-6.914434	20	PASS
			NV	20	-20000.00	-3.457217	20	PASS
			NV	30	-40000.00	-6.914434	20	PASS
			NV	40	-40000.00	-6.914434	20	PASS
		5825	NV	-30	-40000.00	-6.866953	20	PASS
			NV	-20	-40000.00	-6.866953	20	PASS
			NV	-10	-40000.00	-6.866953	20	PASS
			NV	0	-40000.00	-6.866953	20	PASS
			NV	10	-40000.00	-6.866953	20	PASS
			NV	20	-40000.00	-6.866953	20	PASS
			NV	30	-40000.00	-6.866953	20	PASS
			NV	40	-40000.00	-6.866953	20	PASS
		5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
NV	10		-20000.00	-3.861004	20	PASS		
NV	20		-20000.00	-3.861004	20	PASS		
NV	30		-20000.00	-3.861004	20	PASS		
NV	40		-20000.00	-3.861004	20	PASS		
11N20SI SO	Ant1							

			NV	50	-20000.00	-3.861004	20	PASS
		5220	NV	-30	-20000.00	-3.831418	20	PASS
			NV	-20	-40000.00	-7.662835	20	PASS
			NV	-10	-20000.00	-3.831418	20	PASS
			NV	0	-20000.00	-3.831418	20	PASS
			NV	10	-20000.00	-3.831418	20	PASS
			NV	20	-20000.00	-3.831418	20	PASS
			NV	30	-20000.00	-3.831418	20	PASS
			NV	40	-20000.00	-3.831418	20	PASS
			NV	50	-40000.00	-7.662835	20	PASS
			5240	NV	-30	-40000.00	-7.633588	20
		NV		-20	-20000.00	-3.816794	20	PASS
		NV		-10	-40000.00	-7.633588	20	PASS
		NV		0	-40000.00	-7.633588	20	PASS
		NV		10	-40000.00	-7.633588	20	PASS
		NV		20	-40000.00	-7.633588	20	PASS
		NV		30	-40000.00	-7.633588	20	PASS
		NV		40	-40000.00	-7.633588	20	PASS
		5260	NV	-30	-40000.00	-7.604563	20	PASS
			NV	-20	-40000.00	-7.604563	20	PASS
			NV	-10	-40000.00	-7.604563	20	PASS
			NV	0	-40000.00	-7.604563	20	PASS
			NV	10	-40000.00	-7.604563	20	PASS
			NV	20	-40000.00	-7.604563	20	PASS
			NV	30	-40000.00	-7.604563	20	PASS
			NV	40	-40000.00	-7.604563	20	PASS
		5300	NV	-30	-40000.00	-7.547170	20	PASS
			NV	-20	-20000.00	-3.773585	20	PASS
			NV	-10	-40000.00	-7.547170	20	PASS
			NV	0	-20000.00	-3.773585	20	PASS
			NV	10	-40000.00	-7.547170	20	PASS
			NV	20	-20000.00	-3.773585	20	PASS
			NV	30	-20000.00	-3.773585	20	PASS
			NV	40	-40000.00	-7.547170	20	PASS
		5320	NV	50	-40000.00	-7.547170	20	PASS
			NV	-30	-20000.00	-3.759398	20	PASS
			NV	-20	-20000.00	-3.759398	20	PASS
			NV	-10	-20000.00	-3.759398	20	PASS
			NV	0	-20000.00	-3.759398	20	PASS
			NV	10	-20000.00	-3.759398	20	PASS
			NV	20	-20000.00	-3.759398	20	PASS

			NV	30	-20000.00	-3.759398	20	PASS
			NV	40	-20000.00	-3.759398	20	PASS
			NV	50	-40000.00	-7.518797	20	PASS
		5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-40000.00	-6.962576	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	40	-40000.00	-6.962576	20	PASS
			NV	50	-40000.00	-6.962576	20	PASS
			5785	NV	-30	-40000.00	-6.914434	20
		NV		-20	-40000.00	-6.914434	20	PASS
		NV		-10	-40000.00	-6.914434	20	PASS
		NV		0	-40000.00	-6.914434	20	PASS
		NV		10	-40000.00	-6.914434	20	PASS
		NV		20	-40000.00	-6.914434	20	PASS
		NV		30	-40000.00	-6.914434	20	PASS
		NV		40	-40000.00	-6.914434	20	PASS
		5825	NV	50	-40000.00	-6.914434	20	PASS
			NV	-30	-40000.00	-6.866953	20	PASS
			NV	-20	-40000.00	-6.866953	20	PASS
			NV	-10	-40000.00	-6.866953	20	PASS
			NV	0	-40000.00	-6.866953	20	PASS
			NV	10	-60000.00	-10.300429	20	PASS
			NV	20	-60000.00	-10.300429	20	PASS
			NV	30	-40000.00	-6.866953	20	PASS
		5190	NV	40	-40000.00	-6.866953	20	PASS
			NV	50	-40000.00	-6.866953	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.707129	20	PASS
			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
NV	30		0.00	0.000000	20	PASS		
NV	40		0.00	0.000000	20	PASS		
5230	NV	50	0.00	0.000000	20	PASS		
	NV	-30	-40000.00	-7.648184	20	PASS		
	NV	-20	0.00	0.000000	20	PASS		
	NV	-10	0.00	0.000000	20	PASS		
11N40SI SO	Ant1	5190	NV	0	-40000.00	-7.648184	20	PASS
			NV	10	-40000.00	-7.648184	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
		5230	NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
			NV	-30	-40000.00	-7.648184	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS

			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5270	NV	-30	-80000.00	-15.180266	20	PASS
			NV	-20	-40000.00	-7.590133	20	PASS
			NV	-10	-40000.00	-7.590133	20	PASS
			NV	0	-40000.00	-7.590133	20	PASS
			NV	10	-40000.00	-7.590133	20	PASS
			NV	20	-40000.00	-7.590133	20	PASS
			NV	30	-40000.00	-7.590133	20	PASS
			NV	40	-40000.00	-7.590133	20	PASS
			NV	50	-80000.00	-15.180266	20	PASS
		5310	NV	-30	-40000.00	-7.532957	20	PASS
			NV	-20	-40000.00	-7.532957	20	PASS
			NV	-10	-40000.00	-7.532957	20	PASS
			NV	0	-40000.00	-7.532957	20	PASS
			NV	10	-40000.00	-7.532957	20	PASS
			NV	20	-40000.00	-7.532957	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.532957	20	PASS
			NV	50	-40000.00	-7.532957	20	PASS
		5755	NV	-30	-40000.00	-6.950478	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.950478	20	PASS
			NV	0	-40000.00	-6.950478	20	PASS
			NV	10	-40000.00	-6.950478	20	PASS
			NV	20	-40000.00	-6.950478	20	PASS
			NV	30	-40000.00	-6.950478	20	PASS
			NV	40	-40000.00	-6.950478	20	PASS
			NV	50	-40000.00	-6.950478	20	PASS
		5795	NV	-30	-40000.00	-6.902502	20	PASS
			NV	-20	-40000.00	-6.902502	20	PASS
			NV	-10	-80000.00	-13.805004	20	PASS
			NV	0	-40000.00	-6.902502	20	PASS
			NV	10	-80000.00	-13.805004	20	PASS
			NV	20	-80000.00	-13.805004	20	PASS
			NV	30	-40000.00	-6.902502	20	PASS
			NV	40	-40000.00	-6.902502	20	PASS
			NV	50	-80000.00	-13.805004	20	PASS