

			HV	NT	0.00	0.000000	20	PASS	
	Ant1	5825	NV	NT	40000.00	6.866953	20	PASS	
			LV	NT	40000.00	6.866953	20	PASS	
			HV	NT	20000.00	3.433476	20	PASS	
	Ant2	5825	NV	NT	0.00	0.000000	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
11AC40MI MO	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS	
				LV	NT	40000.00	7.707129	20	PASS
				HV	NT	40000.00	7.707129	20	PASS
	Ant2	5190	NV	NT	80000.00	15.414258	20	PASS	
				LV	NT	80000.00	15.414258	20	PASS
				HV	NT	80000.00	15.414258	20	PASS
	Ant1	5230	NV	NT	0.00	0.000000	20	PASS	
				LV	NT	40000.00	7.648184	20	PASS
				HV	NT	0.00	0.000000	20	PASS
	Ant2	5230	NV	NT	40000.00	7.648184	20	PASS	
				LV	NT	40000.00	7.648184	20	PASS
				HV	NT	40000.00	7.648184	20	PASS
	Ant1	5755	NV	NT	0.00	0.000000	20	PASS	
				LV	NT	0.00	0.000000	20	PASS
				HV	NT	0.00	0.000000	20	PASS
	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS	
				LV	NT	-80000.00	-13.900956	20	PASS
				HV	NT	0.00	0.000000	20	PASS
	Ant1	5795	NV	NT	80000.00	13.805004	20	PASS	
				LV	NT	80000.00	13.805004	20	PASS
				HV	NT	0.00	0.000000	20	PASS
	Ant2	5795	NV	NT	0.00	0.000000	20	PASS	
				LV	NT	0.00	0.000000	20	PASS
				HV	NT	40000.00	6.902502	20	PASS
11AC80MI MO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS	
				LV	NT	0.00	0.000000	20	PASS
				HV	NT	0.00	0.000000	20	PASS
	Ant2	5210	NV	NT	0.00	0.000000	20	PASS	
				LV	NT	0.00	0.000000	20	PASS
				HV	NT	0.00	0.000000	20	PASS

	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5775	NV	NT	80000.00	13.852814	20	PASS
			LV	NT	80000.00	13.852814	20	PASS
			HV	NT	80000.00	13.852814	20	PASS
11AX20MI MO	Ant1	5180	NV	NT	40000.00	7.722008	20	PASS
			LV	NT	40000.00	7.722008	20	PASS
			HV	NT	40000.00	7.722008	20	PASS
	Ant2	5180	NV	NT	40000.00	7.722008	20	PASS
			LV	NT	40000.00	7.722008	20	PASS
			HV	NT	40000.00	7.722008	20	PASS
	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
			LV	NT	40000.00	7.692308	20	PASS
			HV	NT	20000.00	3.846154	20	PASS
	Ant2	5200	NV	NT	40000.00	7.692308	20	PASS
			LV	NT	40000.00	7.692308	20	PASS
			HV	NT	40000.00	7.692308	20	PASS
	Ant1	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
	Ant2	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
	Ant1	5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	20000.00	3.481288	20	PASS
			HV	NT	20000.00	3.481288	20	PASS
	Ant2	5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	20000.00	3.481288	20	PASS
			HV	NT	20000.00	3.481288	20	PASS
Ant1	5785	NV	NT	20000.00	3.457217	20	PASS	
		LV	NT	40000.00	6.914434	20	PASS	
		HV	NT	40000.00	6.914434	20	PASS	
Ant2	5785	NV	NT	40000.00	6.914434	20	PASS	
		LV	NT	40000.00	6.914434	20	PASS	
		HV	NT	20000.00	3.457217	20	PASS	
Ant1	5825	NV	NT	20000.00	3.433476	20	PASS	

			LV	NT	40000.00	6.866953	20	PASS		
			HV	NT	40000.00	6.866953	20	PASS		
			Ant2	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
11AX40MI MO	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS		
			LV	NT	40000.00	7.707129	20	PASS		
			HV	NT	40000.00	7.707129	20	PASS		
	Ant2	5190	NV	NT	40000.00	7.707129	20	PASS		
			LV	NT	40000.00	7.707129	20	PASS		
			HV	NT	40000.00	7.707129	20	PASS		
	Ant1	5230	NV	NT	40000.00	7.648184	20	PASS		
			LV	NT	40000.00	7.648184	20	PASS		
			HV	NT	40000.00	7.648184	20	PASS		
	Ant2	5230	NV	NT	40000.00	7.648184	20	PASS		
			LV	NT	40000.00	7.648184	20	PASS		
			HV	NT	40000.00	7.648184	20	PASS		
	Ant1	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		
	Ant2	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		
	Ant1	5795	NV	NT	40000.00	6.902502	20	PASS		
			LV	NT	40000.00	6.902502	20	PASS		
			HV	NT	40000.00	6.902502	20	PASS		
	Ant2	5795	NV	NT	40000.00	6.902502	20	PASS		
			LV	NT	40000.00	6.902502	20	PASS		
			HV	NT	40000.00	6.902502	20	PASS		
11AX80MI MO	Ant1	5210	NV	NT	80000.00	15.355086	20	PASS		
			LV	NT	0.00	0.000000	20	PASS		
			HV	NT	0.00	0.000000	20	PASS		
	Ant2	5210	NV	NT	80000.00	15.355086	20	PASS		
			LV	NT	80000.00	15.355086	20	PASS		
			HV	NT	80000.00	15.355086	20	PASS		
	Ant1	5775	NV	NT	0.00	0.000000	20	PASS		
			LV	NT	80000.00	13.852814	20	PASS		

			HV	NT	0.00	0.000000	20	PASS
	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature									
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
11A	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS	
			NV	-20	20000.00	3.861004	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	
			NV	50	20000.00	3.861004	20	PASS	
		Ant2	5180	NV	-30	20000.00	3.861004	20	PASS
				NV	-20	20000.00	3.861004	20	PASS
				NV	-10	40000.00	7.722008	20	PASS
				NV	0	40000.00	7.722008	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	40000.00	7.722008	20	PASS
				NV	50	40000.00	7.722008	20	PASS
		Ant1	5200	NV	-30	40000.00	7.692308	20	PASS
				NV	-20	40000.00	7.692308	20	PASS
				NV	-10	40000.00	7.692308	20	PASS
				NV	0	20000.00	3.846154	20	PASS
				NV	10	60000.00	11.538462	20	PASS
				NV	20	40000.00	7.692308	20	PASS
				NV	30	40000.00	7.692308	20	PASS
				NV	40	20000.00	3.846154	20	PASS
				NV	50	40000.00	7.692308	20	PASS
		Ant2	5200	NV	-30	0.00	0.000000	20	PASS
				NV	-20	0.00	0.000000	20	PASS

			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant1	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	60000.00	11.450382	20	PASS
			NV	-10	20000.00	3.816794	20	PASS
			NV	0	20000.00	3.816794	20	PASS
			NV	10	20000.00	3.816794	20	PASS
			NV	20	40000.00	7.633588	20	PASS
			NV	30	20000.00	3.816794	20	PASS
			NV	40	40000.00	7.633588	20	PASS
			NV	50	60000.00	11.450382	20	PASS
	Ant2	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant1	5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	20000.00	3.481288	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	20000.00	3.481288	20	PASS
			NV	50	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
NV			-10	0.00	0.000000	20	PASS	

			NV	0	0.00	0.000000	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
	Ant1	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	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	40000.00	6.914434	20	PASS
	Ant2	5785	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant1	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
NV			50	40000.00	6.866953	20	PASS	
Ant2	5825	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	0.00	0.000000	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
11N20SIS O	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	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	20000.00	3.861004	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant2	5180	NV	-30	40000.00	7.722008	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	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant1	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	40000.00	7.692308	20	PASS
			NV	10	60000.00	11.538462	20	PASS
			NV	20	40000.00	7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	60000.00	11.538462	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant2	5200	NV	-30	40000.00	7.692308	20	PASS
			NV	-20	20000.00	3.846154	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
NV			0	40000.00	7.692308	20	PASS	
NV			10	60000.00	11.538462	20	PASS	

			NV	20	40000.00	7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	20000.00	3.846154	20	PASS
			NV	50	60000.00	11.538462	20	PASS
	Ant1	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	40000.00	7.633588	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	20000.00	3.816794	20	PASS
			NV	30	40000.00	7.633588	20	PASS
			NV	40	40000.00	7.633588	20	PASS
			NV	50	40000.00	7.633588	20	PASS
			Ant2	5240	NV	-30	60000.00	11.450382
	NV	-20			40000.00	7.633588	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			80000.00	15.267176	20	PASS
	NV	40			40000.00	7.633588	20	PASS
	NV	50			40000.00	7.633588	20	PASS
	Ant1	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	20000.00	3.481288	20	PASS
			NV	20	20000.00	3.481288	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
	Ant2	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		
	Ant1	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		
			NV	50	40000.00	6.914434	20	PASS		
			Ant2	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			40000.00	6.914434	20	PASS		
	NV	30			40000.00	6.914434	20	PASS		
	NV	40			40000.00	6.914434	20	PASS		
	Ant1	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	20000.00	3.433476	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		
NV			50	40000.00	6.866953	20	PASS			
Ant2	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	80000.00	13.733906	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
			NV	50	40000.00	6.866953	20	PASS
11N40SIS O	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	40000.00	7.707129	20	PASS
			Ant2	5190	NV	-30	0.00	0.000000
	NV	-20			40000.00	7.707129	20	PASS
	NV	-10			40000.00	7.707129	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			40000.00	7.707129	20	PASS
	NV	50			40000.00	7.707129	20	PASS
	Ant1	5230			NV	-30	40000.00	7.648184
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			NV	0	0.00	0.000000	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
			NV	40	40000.00	7.648184	20	PASS
			NV	50	0.00	0.000000	20	PASS
			Ant2	5230	NV	-30	40000.00	7.648184
	NV	-20			40000.00	7.648184	20	PASS
	NV	-10			0.00	0.000000	20	PASS
	NV	0			40000.00	7.648184	20	PASS
	NV	10			40000.00	7.648184	20	PASS
NV	20	0.00			0.000000	20	PASS	
NV	30	40000.00			7.648184	20	PASS	
NV	40	40000.00			7.648184	20	PASS	

			NV	50	80000.00	15.296367	20	PASS
	Ant1	5755	NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.950478	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	80000.00	13.900956	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
			Ant2	5755	NV	-30	40000.00	6.950478
	NV	-20			40000.00	6.950478	20	PASS
	NV	-10			0.00	0.000000	20	PASS
	NV	0			40000.00	6.950478	20	PASS
	NV	10			0.00	0.000000	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			80000.00	13.900956	20	PASS
	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	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
	Ant2	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	40000.00	6.902502	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	40000.00	6.902502	20	PASS

11AC20SI SO	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
			NV	-20	40000.00	7.722008	20	PASS
			NV	-10	40000.00	7.722008	20	PASS
			NV	0	20000.00	3.861004	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	20000.00	3.861004	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant2	5180	NV	-30	40000.00	7.722008	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	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant1	5200	NV	-30	60000.00	11.538462	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	60000.00	11.538462	20	PASS
			NV	0	40000.00	7.692308	20	PASS
			NV	10	40000.00	7.692308	20	PASS
			NV	20	60000.00	11.538462	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	60000.00	11.538462	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant2	5200	NV	-30	40000.00	7.692308	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	40000.00	7.692308	20	PASS
			NV	10	20000.00	3.846154	20	PASS
NV			20	40000.00	7.692308	20	PASS	
NV			30	60000.00	11.538462	20	PASS	
NV			40	40000.00	7.692308	20	PASS	
NV			50	20000.00	3.846154	20	PASS	
Ant1	5240	NV	-30	40000.00	7.633588	20	PASS	

			NV	-20	40000.00	7.633588	20	PASS
			NV	-10	40000.00	7.633588	20	PASS
			NV	0	20000.00	3.816794	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	60000.00	11.450382	20	PASS
			NV	50	40000.00	7.633588	20	PASS
	Ant2	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	40000.00	7.633588	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	60000.00	11.450382	20	PASS
	Ant1	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
	Ant2	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	20000.00	3.481288	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
	Ant1	5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	20000.00	3.457217	20	PASS

			NV	-10	40000.00	6.914434	20	PASS
			NV	0	60000.00	10.371651	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
			NV	50	40000.00	6.914434	20	PASS
	Ant2	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	40000.00	6.914434	20	PASS
			NV	30	40000.00	6.914434	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	40000.00	6.914434	20	PASS
	Ant1	5825	NV	-30	40000.00	6.866953	20	PASS
			NV	-20	60000.00	10.300429	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
			NV	50	60000.00	10.300429	20	PASS
	Ant2	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
NV			50	40000.00	6.866953	20	PASS	
11AC40SI SO	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS
			NV	50	40000.00	7.707129	20	PASS
	Ant2	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	40000.00	7.707129	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	7.707129	20	PASS
			NV	30	40000.00	7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5230	NV	-30	80000.00	15.296367	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			NV	0	40000.00	7.648184	20	PASS
			NV	10	40000.00	7.648184	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	80000.00	15.296367	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	40000.00	7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	80000.00	13.900956	20	PASS
NV			0	40000.00	6.950478	20	PASS	

			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	6.950478	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
	Ant2	5755	NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	40000.00	6.950478	20	PASS
			NV	10	80000.00	13.900956	20	PASS
			NV	20	80000.00	13.900956	20	PASS
			NV	30	40000.00	6.950478	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	40000.00	6.950478	20	PASS
	Ant1	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	40000.00	6.902502	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	40000.00	6.902502	20	PASS
	Ant2	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	40000.00	6.902502	20	PASS
	11AC80SI SO	Ant1	5210	NV	-30	0.00	0.000000	20
NV				-20	0.00	0.000000	20	PASS
NV				-10	0.00	0.000000	20	PASS
NV				0	0.00	0.000000	20	PASS
NV				10	0.00	0.000000	20	PASS

			NV	20	0.00	0.000000	20	PASS	
			NV	30	80000.00	15.355086	20	PASS	
			NV	40	0.00	0.000000	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
	Ant2	5210	NV	-30	0.00	0.000000	20	PASS	
			NV	-20	80000.00	15.355086	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	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	80000.00	15.355086	20	PASS	
			Ant1	5775	NV	-30	0.00	0.000000	20
	NV	-20			0.00	0.000000	20	PASS	
	NV	-10			0.00	0.000000	20	PASS	
	NV	0			0.00	0.000000	20	PASS	
	NV	10			0.00	0.000000	20	PASS	
	NV	20			80000.00	13.852814	20	PASS	
	NV	30			0.00	0.000000	20	PASS	
	NV	40			0.00	0.000000	20	PASS	
	Ant2	5775	NV	50	0.00	0.000000	20	PASS	
			NV	-30	0.00	0.000000	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	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	
	11AX20SI SO	Ant1	5180	NV	40	0.00	0.000000	20	PASS
				NV	50	80000.00	13.852814	20	PASS
				NV	-30	40000.00	7.722008	20	PASS
NV				-20	40000.00	7.722008	20	PASS	
NV				-10	40000.00	7.722008	20	PASS	
NV				0	40000.00	7.722008	20	PASS	
			NV	10	40000.00	7.722008	20	PASS	
			NV	20	40000.00	7.722008	20	PASS	

			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
	Ant2	5180	NV	-30	40000.00	7.722008	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	40000.00	7.722008	20	PASS
			NV	20	40000.00	7.722008	20	PASS
			NV	30	40000.00	7.722008	20	PASS
			NV	40	40000.00	7.722008	20	PASS
			NV	50	40000.00	7.722008	20	PASS
			Ant1	5200	NV	-30	40000.00	7.692308
	NV	-20			40000.00	7.692308	20	PASS
	NV	-10			40000.00	7.692308	20	PASS
	NV	0			40000.00	7.692308	20	PASS
	NV	10			40000.00	7.692308	20	PASS
	NV	20			40000.00	7.692308	20	PASS
	NV	30			40000.00	7.692308	20	PASS
	NV	40			40000.00	7.692308	20	PASS
	Ant2	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	80000.00	15.384615	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	40000.00	7.692308	20	PASS
			NV	10	40000.00	7.692308	20	PASS
			NV	20	60000.00	11.538462	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant1	5240	NV	-30	40000.00	7.633588	20	PASS
NV			-20	40000.00	7.633588	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
			NV	50	40000.00	7.633588	20	PASS
	Ant2	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	40000.00	7.633588	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
			NV	50	40000.00	7.633588	20	PASS
			Ant1	5745	NV	-30	20000.00	3.481288
	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
	Ant2	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	80000.00	13.925152	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
	Ant1	5785	NV	-30	20000.00	3.457217	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	40000.00	6.914434	20	PASS	
NV			30	40000.00	6.914434	20	PASS	
NV			40	40000.00	6.914434	20	PASS	

	Ant2	5785	NV	50	40000.00	6.914434	20	PASS	
			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	60000.00	10.371651	20	PASS	
			NV	30	20000.00	3.457217	20	PASS	
			NV	40	60000.00	10.371651	20	PASS	
			NV	50	40000.00	6.914434	20	PASS	
	Ant1	5825	NV	-30	40000.00	6.866953	20	PASS	
			NV	-20	60000.00	10.300429	20	PASS	
			NV	-10	20000.00	3.433476	20	PASS	
			NV	0	60000.00	10.300429	20	PASS	
			NV	10	40000.00	6.866953	20	PASS	
			NV	20	40000.00	6.866953	20	PASS	
			NV	30	60000.00	10.300429	20	PASS	
			NV	40	40000.00	6.866953	20	PASS	
			NV	50	20000.00	3.433476	20	PASS	
	Ant2	5825	NV	-30	40000.00	6.866953	20	PASS	
			NV	-20	20000.00	3.433476	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	
			NV	50	20000.00	3.433476	20	PASS	
	11AX40SI SO	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
				NV	-20	40000.00	7.707129	20	PASS
NV				-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS	
NV				40	40000.00	7.707129	20	PASS	
NV				50	40000.00	7.707129	20	PASS	

	Ant2	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	40000.00	7.707129	20	PASS
	Ant1	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			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
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			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
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant1	5755	NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	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
Ant2	5755	NV	-30	40000.00	6.950478	20	PASS	

			NV	-20	40000.00	6.950478	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
	Ant1	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	80000.00	13.805004	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	40000.00	6.902502	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	40000.00	6.902502	20	PASS
	Ant2	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	6.902502	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	40000.00	6.902502	20	PASS
	11AX80SI SO	Ant1	5210	NV	-30	80000.00	15.355086	20
NV				-20	0.00	0.000000	20	PASS
NV				-10	0.00	0.000000	20	PASS
NV				0	0.00	0.000000	20	PASS
NV				10	0.00	0.000000	20	PASS
NV				20	0.00	0.000000	20	PASS
NV				30	80000.00	15.355086	20	PASS
NV				40	0.00	0.000000	20	PASS
NV				50	80000.00	15.355086	20	PASS
Ant2		5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	80000.00	15.355086	20	PASS

			NV	-10	0.00	0.000000	20	PASS	
			NV	0	80000.00	15.355086	20	PASS	
			NV	10	80000.00	15.355086	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
			NV	30	80000.00	15.355086	20	PASS	
			NV	40	80000.00	15.355086	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
	Ant1	5775	NV	-30	80000.00	13.852814	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	20	PASS	
			NV	10	0.00	0.000000	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
			NV	30	80000.00	13.852814	20	PASS	
			NV	40	0.00	0.000000	20	PASS	
			NV	50	0.00	0.000000	20	PASS	
	Ant2	5775	NV	-30	80000.00	13.852814	20	PASS	
			NV	-20	80000.00	13.852814	20	PASS	
			NV	-10	80000.00	13.852814	20	PASS	
			NV	0	80000.00	13.852814	20	PASS	
			NV	10	80000.00	13.852814	20	PASS	
			NV	20	80000.00	13.852814	20	PASS	
			NV	30	80000.00	13.852814	20	PASS	
			NV	40	0.00	0.000000	20	PASS	
			NV	50	80000.00	13.852814	20	PASS	
	11N20MIM O	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
				NV	-20	0.00	0.000000	20	PASS
NV				-10	40000.00	7.722008	20	PASS	
NV				0	0.00	0.000000	20	PASS	
NV				10	40000.00	7.722008	20	PASS	
NV				20	20000.00	3.861004	20	PASS	
NV				30	20000.00	3.861004	20	PASS	
NV				40	40000.00	7.722008	20	PASS	
NV				50	20000.00	3.861004	20	PASS	
Ant2		5180	NV	-30	60000.00	11.583012	20	PASS	
			NV	-20	60000.00	11.583012	20	PASS	
			NV	-10	60000.00	11.583012	20	PASS	

			NV	0	60000.00	11.583012	20	PASS
			NV	10	40000.00	7.722008	20	PASS
			NV	20	60000.00	11.583012	20	PASS
			NV	30	60000.00	11.583012	20	PASS
			NV	40	60000.00	11.583012	20	PASS
			NV	50	60000.00	11.583012	20	PASS
	Ant1	5200	NV	-30	40000.00	7.692308	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	40000.00	7.692308	20	PASS
			NV	10	20000.00	3.846154	20	PASS
			NV	20	40000.00	7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant2	5200	NV	-30	40000.00	7.692308	20	PASS
			NV	-20	60000.00	11.538462	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	60000.00	11.538462	20	PASS
			NV	10	60000.00	11.538462	20	PASS
			NV	20	60000.00	11.538462	20	PASS
			NV	30	60000.00	11.538462	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant1	5240	NV	-30	40000.00	7.633588	20	PASS
			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	20000.00	3.816794	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
			NV	50	40000.00	7.633588	20	PASS
	Ant2	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	60000.00	11.450382	20	PASS
			NV	-10	60000.00	11.450382	20	PASS
NV			0	60000.00	11.450382	20	PASS	

			NV	10	100000.00	19.083969	20	PASS
			NV	20	60000.00	11.450382	20	PASS
			NV	30	60000.00	11.450382	20	PASS
			NV	40	60000.00	11.450382	20	PASS
			NV	50	100000.00	19.083969	20	PASS
	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	40000.00	6.962576	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	40000.00	6.962576	20	PASS
			NV	20	20000.00	3.481288	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
	Ant2	5745	NV	-30	60000.00	10.443864	20	PASS
			NV	-20	60000.00	10.443864	20	PASS
			NV	-10	100000.00	17.406440	20	PASS
			NV	0	60000.00	10.443864	20	PASS
			NV	10	80000.00	13.925152	20	PASS
			NV	20	60000.00	10.443864	20	PASS
			NV	30	100000.00	17.406440	20	PASS
			NV	40	100000.00	17.406440	20	PASS
			NV	50	60000.00	10.443864	20	PASS
	Ant1	5785	NV	-30	40000.00	6.914434	20	PASS
			NV	-20	20000.00	3.457217	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
			NV	50	20000.00	3.457217	20	PASS
Ant2	5785	NV	-30	100000.00	17.286085	20	PASS	
		NV	-20	100000.00	17.286085	20	PASS	
		NV	-10	60000.00	10.371651	20	PASS	
		NV	0	100000.00	17.286085	20	PASS	
		NV	10	100000.00	17.286085	20	PASS	

			NV	20	100000.00	17.286085	20	PASS
			NV	30	100000.00	17.286085	20	PASS
			NV	40	40000.00	6.914434	20	PASS
			NV	50	100000.00	17.286085	20	PASS
	Ant1	5825	NV	-30	20000.00	3.433476	20	PASS
			NV	-20	60000.00	10.300429	20	PASS
			NV	-10	40000.00	6.866953	20	PASS
			NV	0	20000.00	3.433476	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	20000.00	3.433476	20	PASS
			NV	50	40000.00	6.866953	20	PASS
			Ant2	5825	NV	-30	100000.00	17.167382
	NV	-20			100000.00	17.167382	20	PASS
	NV	-10			100000.00	17.167382	20	PASS
	NV	0			100000.00	17.167382	20	PASS
	NV	10			100000.00	17.167382	20	PASS
	NV	20			100000.00	17.167382	20	PASS
NV	30	100000.00			17.167382	20	PASS	
NV	40	100000.00			17.167382	20	PASS	
NV	50	100000.00			17.167382	20	PASS	
11N40MIM O	Ant1	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	40000.00	7.707129	20	PASS
	Ant2	5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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	40000.00	7.707129	20	PASS		
			NV	50	0.00	0.000000	20	PASS		
	Ant1	5230	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	0.00	0.000000	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	40000.00	7.648184	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		
			Ant2	5230	NV	-30	0.00	0.000000	20	PASS
					NV	-20	0.00	0.000000	20	PASS
	NV	-10			0.00	0.000000	20	PASS		
	NV	0			0.00	0.000000	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		
	Ant1	5755	NV	-30	0.00	0.000000	20	PASS		
			NV	-20	0.00	0.000000	20	PASS		
			NV	-10	0.00	0.000000	20	PASS		
			NV	0	0.00	0.000000	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	0.00	0.000000	20	PASS		
			NV	30	40000.00	6.950478	20	PASS		
			NV	40	0.00	0.000000	20	PASS		
			NV	50	0.00	0.000000	20	PASS		
	Ant2	5755	NV	-30	0.00	0.000000	20	PASS		
NV			-20	0.00	0.000000	20	PASS			
NV			-10	0.00	0.000000	20	PASS			
NV			0	0.00	0.000000	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
	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	40000.00	6.902502	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
			Ant2	5795	NV	-30	40000.00	6.902502
	NV	-20			40000.00	6.902502	20	PASS
	NV	-10			40000.00	6.902502	20	PASS
	NV	0			40000.00	6.902502	20	PASS
	NV	10			40000.00	6.902502	20	PASS
	NV	20			40000.00	6.902502	20	PASS
	NV	30			40000.00	6.902502	20	PASS
	NV	40			40000.00	6.902502	20	PASS
	NV	50			40000.00	6.902502	20	PASS
11AC20MI MO	Ant1	5180			NV	-30	20000.00	3.861004
			NV	-20	20000.00	3.861004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant2	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	20000.00	3.861004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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

			NV	50	0.00	0.000000	20	PASS
	Ant1	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	40000.00	7.692308	20	PASS
			NV	0	20000.00	3.846154	20	PASS
			NV	10	20000.00	3.846154	20	PASS
			NV	20	20000.00	3.846154	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	40000.00	7.692308	20	PASS
			Ant2	5200	NV	-30	0.00	0.000000
	NV	-20			0.00	0.000000	20	PASS
	NV	-10			0.00	0.000000	20	PASS
	NV	0			0.00	0.000000	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			-20000.00	-3.846154	20	PASS
	Ant1	5240	NV	-30	40000.00	7.633588	20	PASS
			NV	-20	0.00	0.000000	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	20000.00	3.816794	20	PASS
			NV	50	40000.00	7.633588	20	PASS
	Ant2	5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	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

	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
			NV	-20	20000.00	3.481288	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	40000.00	6.962576	20	PASS
			NV	40	40000.00	6.962576	20	PASS
			NV	50	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-20000.00	-3.481288	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.481288	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
	Ant1	5785	NV	-30	20000.00	3.457217	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	20000.00	3.457217	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
			NV	50	40000.00	6.914434	20	PASS
	Ant2	5785	NV	-30	-20000.00	-3.457217	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant1	5825	NV	-30	20000.00	3.433476	20	PASS

			NV	-20	20000.00	3.433476	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	20000.00	3.433476	20	PASS
			NV	50	20000.00	3.433476	20	PASS
	Ant2	5825	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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	-20000.00	-3.433476	20	PASS
			11AC40MI MO	Ant1	5190	NV	-30	0.00
NV	-20	0.00				0.000000	20	PASS
NV	-10	0.00				0.000000	20	PASS
NV	0	0.00				0.000000	20	PASS
NV	10	40000.00				7.707129	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	40000.00				7.707129	20	PASS
Ant2	5190	NV		-30	40000.00	7.707129	20	PASS
		NV		-20	80000.00	15.414258	20	PASS
		NV		-10	40000.00	7.707129	20	PASS
		NV		0	40000.00	7.707129	20	PASS
		NV		10	80000.00	15.414258	20	PASS
		NV		20	40000.00	7.707129	20	PASS
		NV		30	80000.00	15.414258	20	PASS
		NV		40	80000.00	15.414258	20	PASS
		NV		50	80000.00	15.414258	20	PASS
Ant1	5230	NV		-30	0.00	0.000000	20	PASS
		NV		-20	40000.00	7.648184	20	PASS

			NV	-10	40000.00	7.648184	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	40000.00	7.648184	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	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			NV	0	40000.00	7.648184	20	PASS
			NV	10	-80000.00	-15.296367	20	PASS
			NV	20	40000.00	7.648184	20	PASS
			NV	30	40000.00	7.648184	20	PASS
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	40000.00	6.950478	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
	Ant2	5755	NV	-30	-80000.00	-13.900956	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.00	-13.900956	20	PASS
			NV	10	-80000.00	-13.900956	20	PASS
			NV	20	-80000.00	-13.900956	20	PASS
			NV	30	-80000.00	-13.900956	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	80000.00	13.900956	20	PASS
	Ant1	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	0.00	0.000000	20	PASS
NV			-10	40000.00	6.902502	20	PASS	

			NV	0	0.00	0.000000	20	PASS			
			NV	10	40000.00	6.902502	20	PASS			
			NV	20	40000.00	6.902502	20	PASS			
			NV	30	40000.00	6.902502	20	PASS			
			NV	40	0.00	0.000000	20	PASS			
			NV	50	40000.00	6.902502	20	PASS			
	Ant2	5795	NV	-30	0.00	0.000000	20	PASS			
			NV	-20	0.00	0.000000	20	PASS			
			NV	-10	0.00	0.000000	20	PASS			
			NV	0	0.00	0.000000	20	PASS			
			NV	10	0.00	0.000000	20	PASS			
			NV	20	40000.00	6.902502	20	PASS			
			NV	30	0.00	0.000000	20	PASS			
			NV	40	40000.00	6.902502	20	PASS			
			NV	50	0.00	0.000000	20	PASS			
			11AC80MI MO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
						NV	-20	0.00	0.000000	20	PASS
						NV	-10	0.00	0.000000	20	PASS
NV	0	0.00				0.000000	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			
Ant2	5210	NV				-30	0.00	0.000000	20	PASS	
		NV		-20	0.00	0.000000	20	PASS			
		NV		-10	0.00	0.000000	20	PASS			
		NV		0	80000.00	15.355086	20	PASS			
		NV		10	0.00	0.000000	20	PASS			
		NV		20	0.00	0.000000	20	PASS			
		NV		30	80000.00	15.355086	20	PASS			
		NV		40	0.00	0.000000	20	PASS			
		NV		50	0.00	0.000000	20	PASS			
		Ant1		5775	NV	-30	0.00	0.000000	20	PASS	
NV	-20				0.00	0.000000	20	PASS			
NV	-10				0.00	0.000000	20	PASS			
NV	0				0.00	0.000000	20	PASS			

			NV	10	80000.00	13.852814	20	PASS			
			NV	20	0.00	0.000000	20	PASS			
			NV	30	80000.00	13.852814	20	PASS			
			NV	40	0.00	0.000000	20	PASS			
			NV	50	0.00	0.000000	20	PASS			
	Ant2	5775	NV	-30	80000.00	13.852814	20	PASS			
			NV	-20	0.00	0.000000	20	PASS			
			NV	-10	-80000.00	-13.852814	20	PASS			
			NV	0	-80000.00	-13.852814	20	PASS			
			NV	10	0.00	0.000000	20	PASS			
			NV	20	80000.00	13.852814	20	PASS			
			NV	30	-80000.00	-13.852814	20	PASS			
			NV	40	80000.00	13.852814	20	PASS			
			NV	50	0.00	0.000000	20	PASS			
			11AX20MI MO	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS
						NV	-20	40000.00	7.722008	20	PASS
						NV	-10	0.00	0.000000	20	PASS
						NV	0	40000.00	7.722008	20	PASS
NV	10	0.00				0.000000	20	PASS			
NV	20	20000.00				3.861004	20	PASS			
NV	30	40000.00				7.722008	20	PASS			
NV	40	0.00				0.000000	20	PASS			
NV	50	40000.00				7.722008	20	PASS			
Ant2	5180	NV		-30	40000.00	7.722008	20	PASS			
		NV		-20	20000.00	3.861004	20	PASS			
		NV		-10	20000.00	3.861004	20	PASS			
		NV		0	20000.00	3.861004	20	PASS			
		NV		10	40000.00	7.722008	20	PASS			
		NV		20	40000.00	7.722008	20	PASS			
		NV		30	20000.00	3.861004	20	PASS			
		NV		40	40000.00	7.722008	20	PASS			
		NV		50	0.00	0.000000	20	PASS			
Ant1	5200	NV		-30	20000.00	3.846154	20	PASS			
		NV		-20	40000.00	7.692308	20	PASS			
		NV		-10	0.00	0.000000	20	PASS			
		NV		0	40000.00	7.692308	20	PASS			
		NV		10	40000.00	7.692308	20	PASS			

			NV	20	40000.00	7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	20000.00	3.846154	20	PASS
			NV	50	40000.00	7.692308	20	PASS
	Ant2	5200	NV	-30	20000.00	3.846154	20	PASS
			NV	-20	40000.00	7.692308	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.846154	20	PASS
			NV	10	40000.00	7.692308	20	PASS
			NV	20	40000.00	7.692308	20	PASS
			NV	30	40000.00	7.692308	20	PASS
			NV	40	40000.00	7.692308	20	PASS
			NV	50	40000.00	7.692308	20	PASS
			Ant1	5240	NV	-30	40000.00	7.633588
	NV	-20			40000.00	7.633588	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			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
	Ant2	5240	NV	-30	40000.00	7.633588	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	20000.00	3.816794	20	PASS
			NV	30	40000.00	7.633588	20	PASS
			NV	40	20000.00	3.816794	20	PASS
			NV	50	40000.00	7.633588	20	PASS
	Ant1	5745	NV	-30	40000.00	6.962576	20	PASS
NV			-20	20000.00	3.481288	20	PASS	
NV			-10	20000.00	3.481288	20	PASS	
NV			0	40000.00	6.962576	20	PASS	
NV			10	20000.00	3.481288	20	PASS	
NV			20	40000.00	6.962576	20	PASS	

			NV	30	40000.00	6.962576	20	PASS
			NV	40	20000.00	3.481288	20	PASS
			NV	50	20000.00	3.481288	20	PASS
	Ant2	5745	NV	-30	40000.00	6.962576	20	PASS
			NV	-20	20000.00	3.481288	20	PASS
			NV	-10	20000.00	3.481288	20	PASS
			NV	0	20000.00	3.481288	20	PASS
			NV	10	0.00	0.000000	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
			NV	50	40000.00	6.962576	20	PASS
			Ant1	5785	NV	-30	20000.00	3.457217
	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			20000.00	3.457217	20	PASS
	Ant2	5785	NV	50	20000.00	3.457217	20	PASS
			NV	-30	20000.00	3.457217	20	PASS
			NV	-20	40000.00	6.914434	20	PASS
			NV	-10	20000.00	3.457217	20	PASS
			NV	0	40000.00	6.914434	20	PASS
			NV	10	20000.00	3.457217	20	PASS
			NV	20	20000.00	3.457217	20	PASS
			NV	30	20000.00	3.457217	20	PASS
			NV	40	20000.00	3.457217	20	PASS
	Ant1	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	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
			NV	50	40000.00	6.866953	20	PASS
	Ant2	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
			NV	50	40000.00	6.866953	20	PASS
11AX40MI MO			Ant1	5190	NV	-30	40000.00	7.707129
	NV	-20			40000.00	7.707129	20	PASS
	NV	-10			40000.00	7.707129	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			40000.00	7.707129	20	PASS
	NV	40			40000.00	7.707129	20	PASS
	NV	50			40000.00	7.707129	20	PASS
	Ant2	5190	NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	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	40000.00	7.707129	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	40000.00	7.707129	20	PASS
	Ant1	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			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
			NV	40	40000.00	7.648184	20	PASS

			NV	50	40000.00	7.648184	20	PASS
	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
			NV	-20	40000.00	7.648184	20	PASS
			NV	-10	40000.00	7.648184	20	PASS
			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
			NV	40	40000.00	7.648184	20	PASS
			NV	50	40000.00	7.648184	20	PASS
			Ant1	5755	NV	-30	40000.00	6.950478
	NV	-20			40000.00	6.950478	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			0.00	0.000000	20	PASS
	NV	40			40000.00	6.950478	20	PASS
	NV	50			40000.00	6.950478	20	PASS
	Ant2	5755	NV	-30	40000.00	6.950478	20	PASS
			NV	-20	40000.00	6.950478	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
	Ant1	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	40000.00	6.902502	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	40000.00	6.902502	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	40000.00	6.902502	20	PASS

	Ant2	5795	NV	-30	40000.00	6.902502	20	PASS
			NV	-20	40000.00	6.902502	20	PASS
			NV	-10	40000.00	6.902502	20	PASS
			NV	0	40000.00	6.902502	20	PASS
			NV	10	40000.00	6.902502	20	PASS
			NV	20	40000.00	6.902502	20	PASS
			NV	30	40000.00	6.902502	20	PASS
			NV	40	40000.00	6.902502	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AX80MI MO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
	Ant2	5210	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	80000.00	15.355086	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	80000.00	15.355086	20	PASS
			NV	20	80000.00	15.355086	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	80000.00	15.355086	20	PASS
			NV	50	80000.00	15.355086	20	PASS
	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	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
Ant2	5775	NV	-30	0.00	0.000000	20	PASS	

			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	80000.00	13.852814	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

Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} * 10⁶.

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [$\mu\text{V}/\text{m}$]	Measured Distance [Meters]
0.009 – 0.490	2400/F (kHz)	300
0.490 – 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2. Test Procedure Used

KDB 789033 D02v02r01 – Section G

ANSI C63.10-2013 – Section 12.7.7.2, 12.7.7.6, 12.7.5

7.8.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

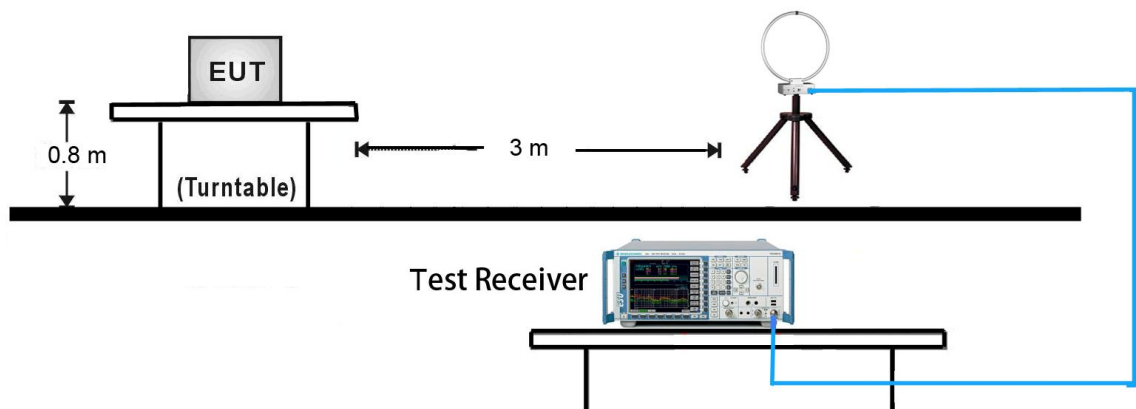
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

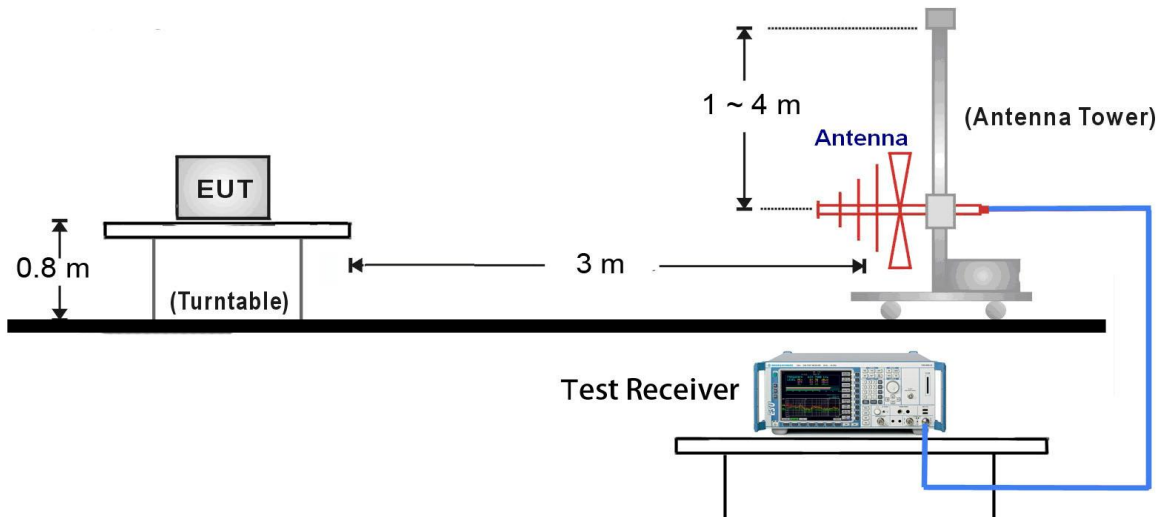
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be $> 2 \times \text{span}/\text{RBW}$)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.8.4. Test Setup

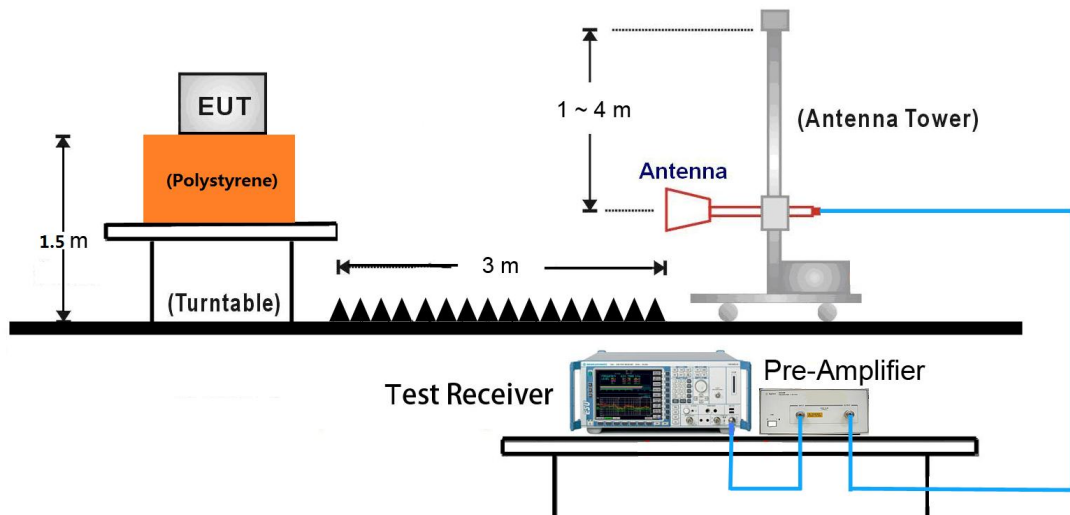
9kHz ~ 30MHz Test Setup:



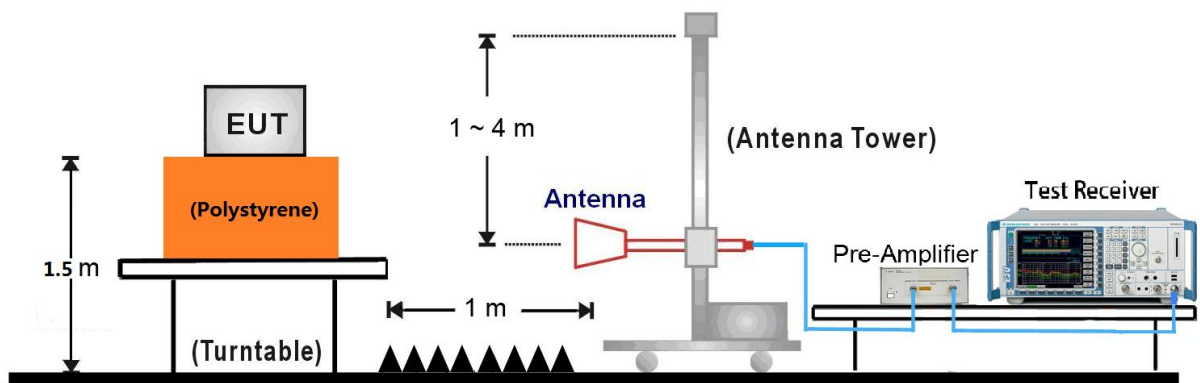
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 40GHz Test Setup:



7.8.5. Test Result

The worst case of Radiated Emission

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5180	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7393.1667	48.69	15.93	74.00	25.31	Peak	Horizontal
8792.3333	49.72	16.60	74.00	24.28	Peak	Horizontal
10360.1667	53.09	19.04	74.00	20.91	Peak	Horizontal
11448.8333	53.46	19.53	74.00	20.54	Peak	Horizontal
7397.0000	48.64	15.96	74.00	25.36	Peak	Vertical
7975.8333	48.73	15.69	74.00	25.27	Peak	Vertical
10302.6667	51.80	18.72	74.00	22.20	Peak	Vertical
11295.5000	53.41	19.73	74.00	20.59	Peak	Vertical

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5200	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7147.8333	48.40	15.16	74.00	25.60	Peak	Horizontal
7684.5000	48.67	15.49	74.00	25.33	Peak	Horizontal
10402.3333	52.19	19.29	74.00	21.81	Peak	Horizontal
11590.6667	53.28	19.68	74.00	20.72	Peak	Horizontal
7397.0000	49.12	15.96	74.00	24.88	Peak	Vertical
8056.3333	49.42	15.76	74.00	24.58	Peak	Vertical
10387.0000	51.56	19.22	74.00	22.44	Peak	Vertical
11652.0000	53.19	19.60	74.00	20.81	Peak	Vertical

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5240	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7086.5000	48.63	15.23	74.00	25.37	Peak	Horizontal
8332.3333	49.71	15.60	74.00	24.29	Peak	Horizontal
10379.3333	51.71	19.17	74.00	22.29	Peak	Horizontal
11652.0000	53.36	19.60	74.00	20.64	Peak	Horizontal
7381.6667	48.89	15.82	74.00	25.11	Peak	Vertical
8432.0000	48.30	15.99	74.00	25.70	Peak	Vertical
10410.0000	51.77	19.20	74.00	22.23	Peak	Vertical
12066.0000	53.50	19.73	74.00	20.50	Peak	Vertical

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5745	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7366.3333	48.39	15.67	74.00	25.61	Peak	Horizontal
8995.5000	49.99	16.63	74.00	24.01	Peak	Horizontal
10701.3333	52.52	19.84	74.00	21.48	Peak	Horizontal
11709.5000	53.93	19.94	74.00	20.07	Peak	Horizontal
7193.8333	47.99	15.25	74.00	26.01	Peak	Vertical
8696.5000	49.83	16.55	74.00	24.17	Peak	Vertical
10632.3333	52.43	19.29	74.00	21.57	Peak	Vertical
12284.5000	53.47	20.23	74.00	20.53	Peak	Vertical

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5785	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7546.5000	48.76	15.71	74.00	25.24	Peak	Horizontal
9505.3333	51.12	17.64	74.00	22.88	Peak	Horizontal
10582.5000	52.89	19.18	74.00	21.11	Peak	Horizontal
11820.6667	53.40	19.70	74.00	20.60	Peak	Horizontal
7220.6667	48.06	15.21	74.00	25.94	Peak	Vertical
9516.8333	50.45	17.58	74.00	23.55	Peak	Vertical
10663.0000	52.47	19.51	74.00	21.53	Peak	Vertical
11897.3333	53.21	20.08	74.00	20.79	Peak	Vertical

Test Mode:	802.11ax20 - CDD	Test Date:	2023-05-05
Test Channel:	5825	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7412.3333	47.71	15.91	74.00	26.29	Peak	Horizontal
9574.3333	50.30	17.88	74.00	23.70	Peak	Horizontal
10701.3333	51.84	19.84	74.00	22.16	Peak	Horizontal
12230.8333	53.58	19.92	74.00	20.42	Peak	Horizontal
7688.3333	47.95	15.50	74.00	26.05	Peak	Vertical
9612.6667	50.63	18.32	74.00	23.37	Peak	Vertical
10521.1667	52.95	19.49	74.00	21.05	Peak	Vertical
12292.1667	53.34	20.31	74.00	20.66	Peak	Vertical

Test Mode:	802.11ax40 - CDD	Test Date:	2023-05-05
Test Channel:	5190	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
8363.0000	48.95	15.69	74.00	25.05	Peak	Horizontal
9835.0000	51.25	18.66	74.00	22.75	Peak	Horizontal
10325.6667	52.97	18.84	74.00	21.03	Peak	Horizontal
11690.3333	53.36	19.99	74.00	20.64	Peak	Horizontal
8328.5000	49.75	15.60	74.00	24.25	Peak	Vertical
9789.0000	51.60	18.20	74.00	22.40	Peak	Vertical
10360.1667	52.10	19.04	74.00	21.90	Peak	Vertical
11579.1667	53.22	19.66	74.00	20.78	Peak	Vertical

Test Mode:	802.11ax40 - CDD	Test Date:	2023-05-05
Test Channel:	5230	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7347.1667	48.55	15.51	74.00	25.45	Peak	Horizontal
9612.6667	49.93	18.32	74.00	24.07	Peak	Horizontal
10509.6667	52.36	19.55	74.00	21.64	Peak	Horizontal
12227.0000	53.26	19.93	74.00	20.74	Peak	Horizontal
7504.3333	48.56	15.39	74.00	25.44	Peak	Vertical
8987.8333	50.02	16.56	74.00	23.98	Peak	Vertical
10559.5000	52.46	19.28	74.00	21.54	Peak	Vertical
12288.3333	53.21	20.27	74.00	20.79	Peak	Vertical

Test Mode:	802.11ax40 - CDD	Test Date:	2023-05-05
Test Channel:	5755	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7397.0000	49.40	15.96	74.00	24.60	Peak	Horizontal
9808.1667	51.49	18.45	74.00	22.51	Peak	Horizontal
10525.0000	52.97	19.47	74.00	21.03	Peak	Horizontal
11813.0000	53.08	19.75	74.00	20.92	Peak	Horizontal
7554.1667	49.10	15.74	74.00	24.90	Peak	Vertical
9865.6667	51.97	18.61	74.00	22.03	Peak	Vertical
10594.0000	53.77	19.13	74.00	20.23	Peak	Vertical
12012.3333	53.55	19.42	74.00	20.45	Peak	Vertical

Test Mode:	802.11ax40 - CDD	Test Date:	2023-05-05
Test Channel:	5795	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7588.6667	49.03	15.78	74.00	24.97	Peak	Horizontal
9187.1667	50.56	16.87	74.00	23.44	Peak	Horizontal
10571.0000	52.81	19.23	74.00	21.19	Peak	Horizontal
11836.0000	53.02	19.60	74.00	20.98	Peak	Horizontal
8255.6667	49.49	15.81	74.00	24.51	Peak	Vertical
9819.6667	51.57	18.54	74.00	22.43	Peak	Vertical
10586.3333	53.20	19.16	74.00	20.80	Peak	Vertical
11809.1667	53.51	19.78	74.00	20.49	Peak	Vertical

Test Mode:	802.11ax80 - CDD	Test Date:	2023-05-05
Test Channel:	5210	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
8232.6667	49.73	15.77	74.00	24.27	Peak	Horizontal
9559.0000	50.95	17.59	74.00	23.05	Peak	Horizontal
10394.6667	52.87	19.27	74.00	21.13	Peak	Horizontal
11533.1667	53.43	19.51	74.00	20.57	Peak	Horizontal
7377.8333	49.41	15.78	74.00	24.59	Peak	Vertical
9183.3333	50.68	16.85	74.00	23.32	Peak	Vertical
10375.5000	52.88	19.14	74.00	21.12	Peak	Vertical
11874.3333	53.47	19.80	74.00	20.53	Peak	Vertical

Test Mode:	802.11ax80 - CDD	Test Date:	2023-05-05
Test Channel:	5775	Test Engineer:	Amos Xia
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Frequency (MHz)	Level (dB μ V/m)	Factor (dB)	Limit (dB μ V/m)	Margin (dB)	Detector	Polarization
7964.3333	49.97	15.66	74.00	24.03	Peak	Horizontal
9942.3333	51.72	18.15	74.00	22.28	Peak	Horizontal
10482.8333	52.29	19.32	74.00	21.71	Peak	Horizontal
11705.6667	53.37	20.00	74.00	20.63	Peak	Horizontal
7485.1667	49.07	15.45	74.00	24.93	Peak	Vertical
9106.6667	51.32	16.60	74.00	22.68	Peak	Vertical
10502.0000	53.73	19.60	74.00	20.27	Peak	Vertical
11682.6667	53.44	19.91	74.00	20.56	Peak	Vertical

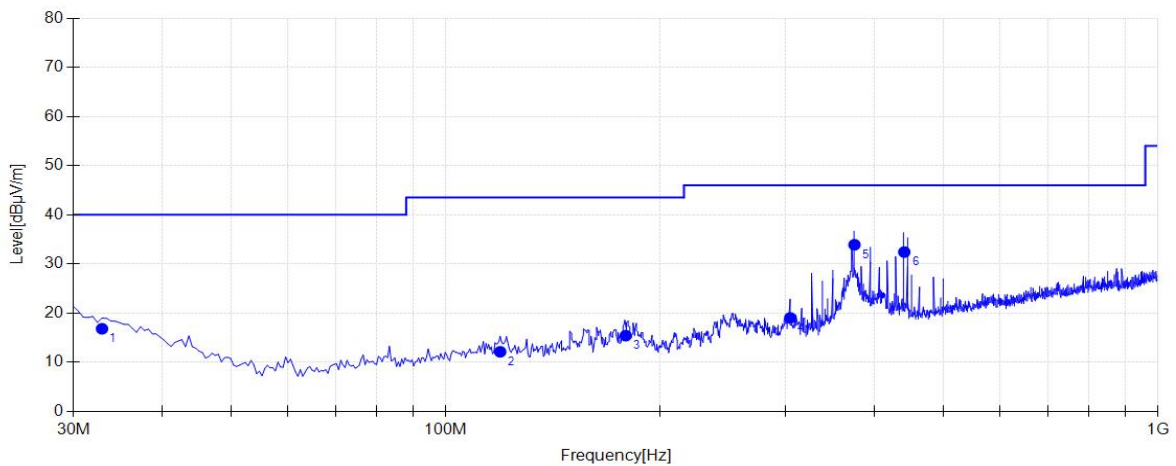
The worst case of Radiated Emission below 1GHz:

30MHz – 1GHz Test Data

EUT:	LED Playback Control Processor	Polarity:	Horizontal
Model:	TU20 Pro	S/N:	/
Mode:	Transmit by 802.11ax80 CDD at Channel 5775MHz	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia

Start of Test:2023-05-05 10:59:20

Test Graph



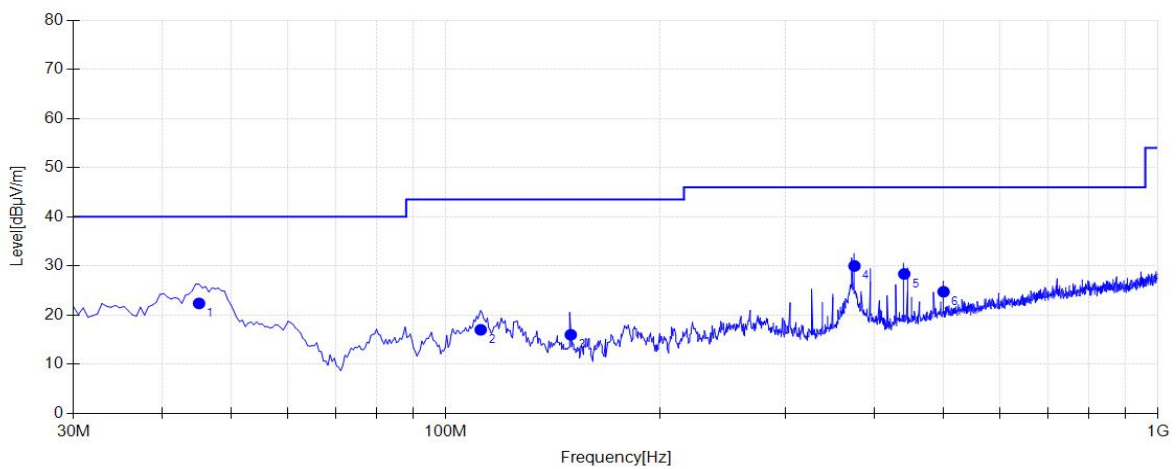
Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.9100	18.24	16.82	40.00	23.18	200	346	Horizontal
2	119.240	11.64	12.14	43.50	31.36	200	299	Horizontal
3	178.895	10.70	15.42	43.50	28.08	200	169	Horizontal
4	304.510	13.85	19.04	46.00	26.96	100	255	Horizontal
5	374.835	15.33	33.91	46.00	12.09	100	0	Horizontal
6	440.310	17.24	32.42	46.00	13.58	100	336	Horizontal

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

EUT:	LED Playback Control Processor	Polarity:	Vertical
Model:	TU20 Pro	S/N:	/
Mode:	Transmit by 802.11ax80 CDD at Channel 5775MHz	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia

Start of Test:2023-05-05 11:01:24

Test Graph



Final Data List								
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	45.0350	12.06	22.39	40.00	17.61	100	138	Vertical
2	111.965	11.49	17.02	43.50	26.48	100	318	Vertical
3	149.795	10.84	16.00	43.50	27.50	200	242	Vertical
4	374.835	15.33	30.00	46.00	16.00	200	254	Vertical
5	440.310	17.24	28.38	46.00	17.62	200	220	Vertical
6	499.965	18.92	24.76	46.00	21.24	100	304	Vertical

Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
1 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(2)
13.36 - 13.41	--	--	--

For RSS-Gen Section 8.10 Requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.009 ~ 0.110	240 ~ 285	9.0 ~ 9.2
2.1735 ~ 2.1905	322 ~ 335.4	9.3 ~ 9.5
3.020 ~ 3.026	399.9 ~ 410	10.6 ~ 12.7
4.125 ~ 4.128	608 ~ 614	13.25 ~ 13.4
4.17725 ~ 4.17775	960 ~ 1427	14.47 ~ 14.5
4.20725 ~ 4.20775	1435 ~ 1626.5	15.35 ~ 16.2
5.677 ~ 5.683	1645.5 ~ 1646.5	17.7 ~ 21.4
6.215 ~ 6.218	1660 ~ 1710	22.01 ~ 23.12
6.26775 ~ 6.26825	1718.8 ~ 1722.2	23.6 ~ 24.0
6.31175 ~ 6.31225	2200 ~ 2300	31.2 ~ 31.8
8.291 ~ 8.294	2310 ~ 2390	36.43 ~ 36.5
8.362 ~ 8.366	2655 ~ 2900	Above 38.6
8.37625 ~ 8.38675	3260 ~ 3267	--
8.41425 ~ 8.41475	3332 ~ 3339	
12.29 ~ 12.293	334.5 ~ 3358	
12.51975 ~ 12.52025	3500 ~ 4400	
12.57675 ~ 12.57725	4500 ~ 5150	
13.36 ~ 13.41	5350 ~ 5460	
16.42 ~ 16.423	7250 ~ 7750	
16.69475 ~ 16.69525	8025 ~ 8500	
16.80425 ~ 16.80475	--	
25.5 ~ 25.67		
37.5 ~ 38.25		
73 ~ 74.6		
74.8 ~ 75.2		
108 ~ 138		
156.52475 ~ 156.525225		
156.7 ~ 156.9		

Note: *Certain frequency bands listed in Table 6 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to the devices are set out in the 200- and 300-series of RSSs, such as RSS-210 and RSS-310, which contain the

requirements that apply to licence-exempt radio apparatus.

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For FCC transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

For IC transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

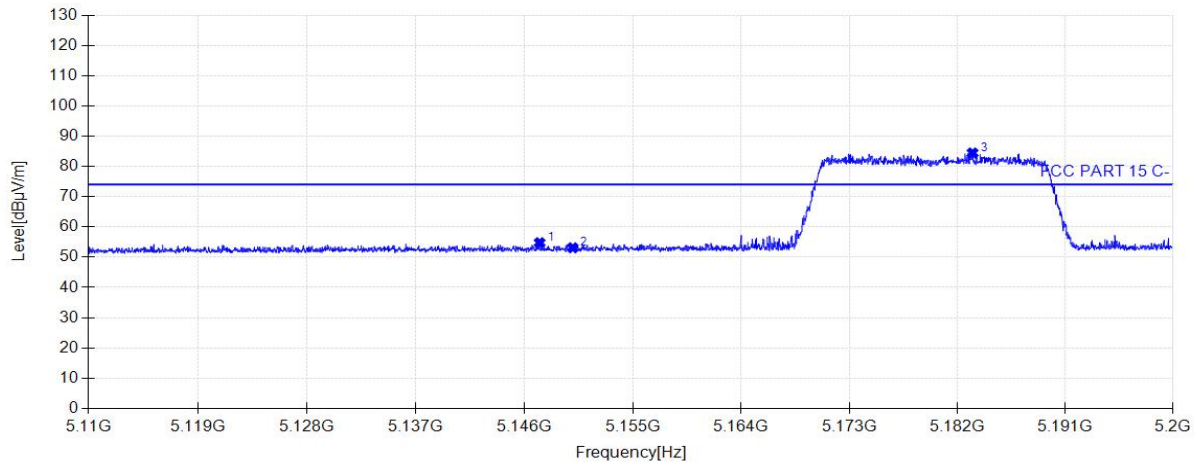
FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

7.9.2. Test Result

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5180MHz		

Start of Test:2023-05-05 00:21:47

Test Graph



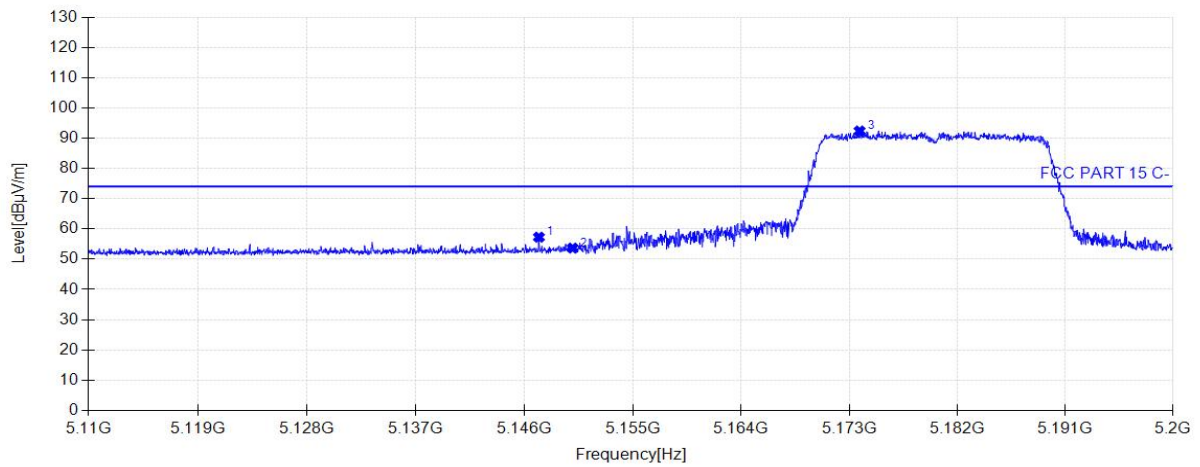
Suspected Data List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.26	54.78	37.71	74.00	19.22	160	134	Horizontal
2	5150.00	53.11	37.72	74.00	20.89	160	323	Horizontal
3	5183.26	84.44	37.84	74.00	-10.44	160	31	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5180MHz		

Start of Test:2023-05-05 00:22:40

Test Graph

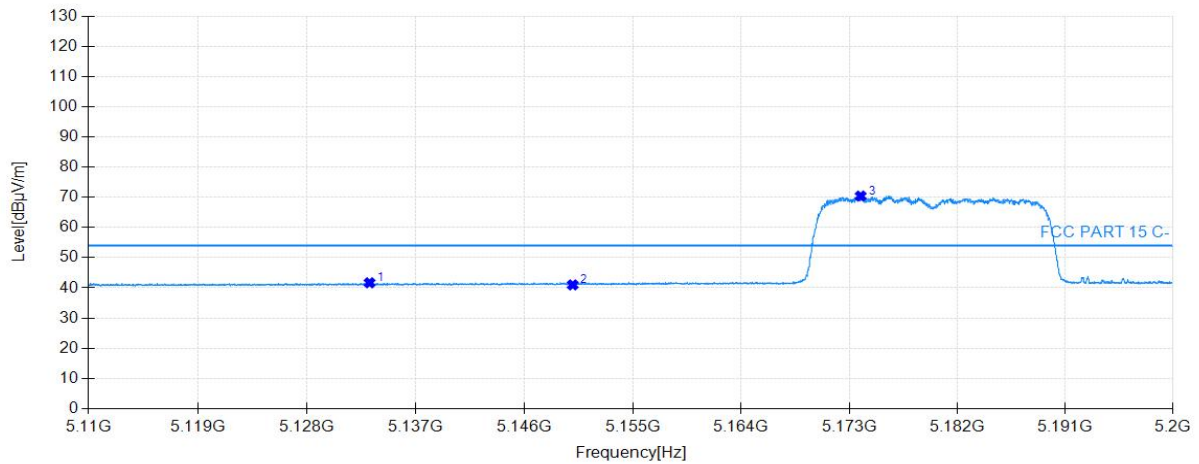


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.20	57.28	37.71	74.00	16.72	160	353	Vertical
2	5150.00	53.66	37.72	74.00	20.34	160	3	Vertical
3	5173.84	92.35	37.81	74.00	-18.35	160	360	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5180MHz		

Start of Test:2023-05-05 00:26:07

Test Graph

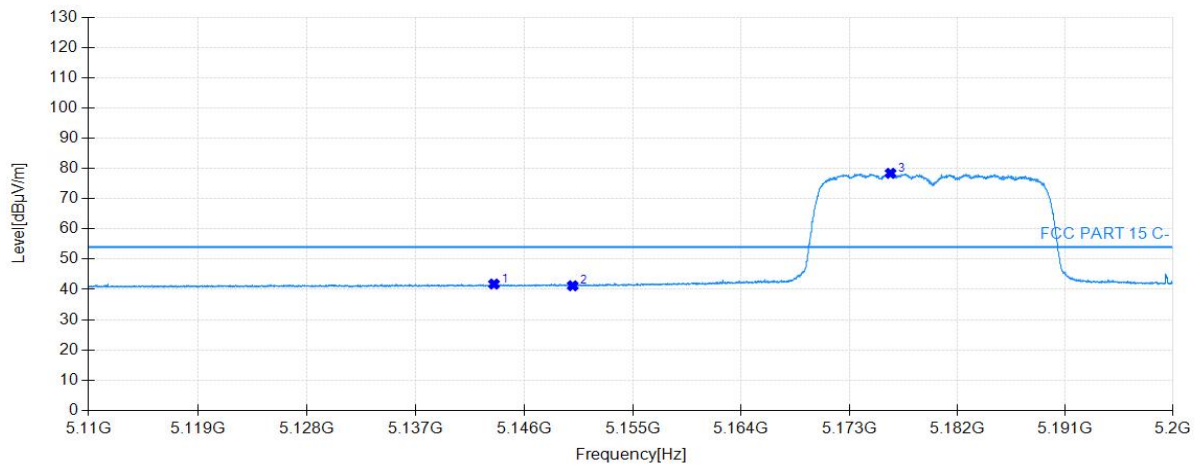


Suspected Data List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.19	41.67	37.65	54.00	12.33	160	198	Horizontal
2	5150.00	40.98	37.72	54.00	13.02	160	329	Horizontal
3	5173.93	70.40	37.81	54.00	-16.40	160	30	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 0 at Channel 5180MHz		

Start of Test:2023-05-05 00:27:00

Test Graph

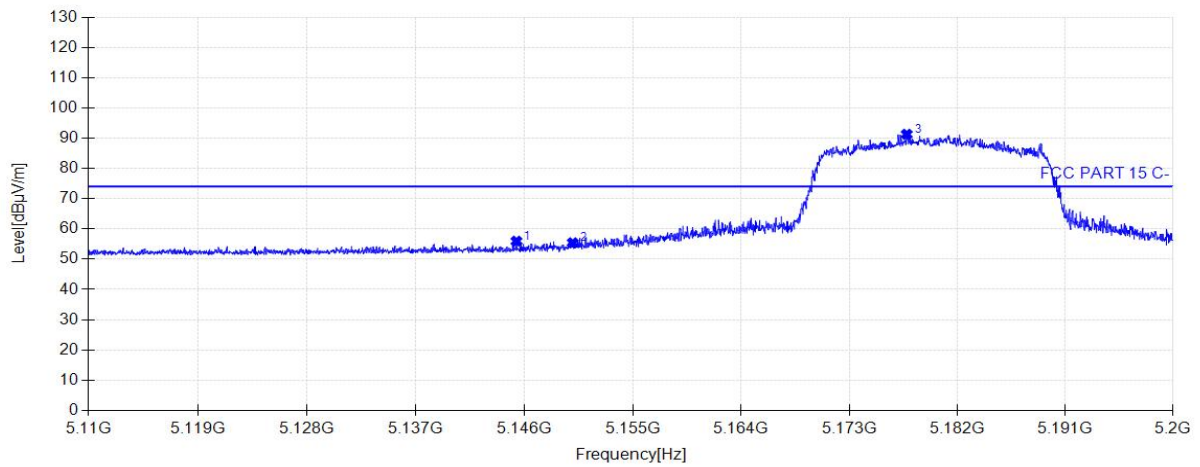


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.48	41.77	37.69	54.00	12.23	160	348	Vertical
2	5150.00	41.21	37.72	54.00	12.79	160	353	Vertical
3	5176.42	78.38	37.82	54.00	-24.38	160	342	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5180MHz		

Start of Test:2023-05-04 22:32:16

Test Graph

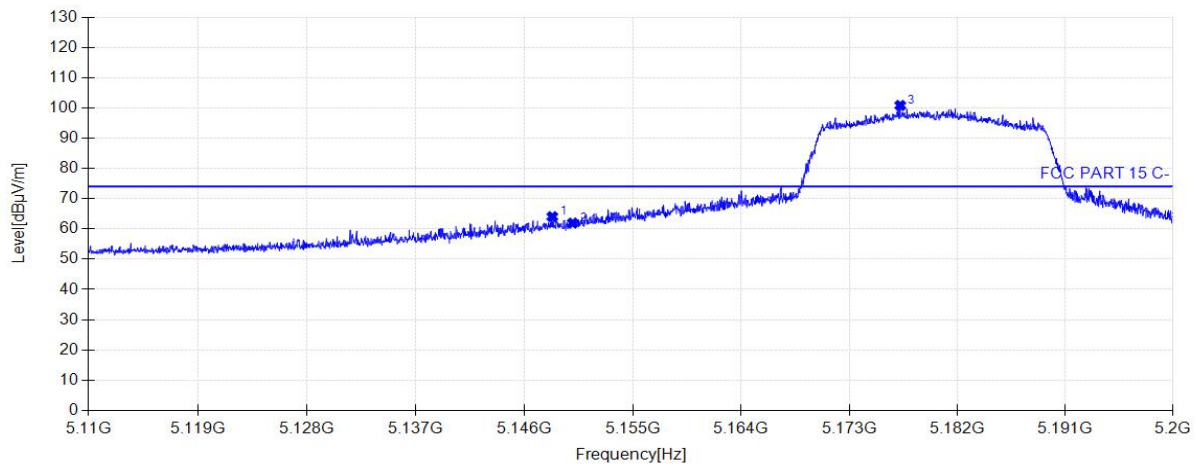


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.34	55.95	37.70	74.00	18.05	160	248	Horizontal
2	5150.00	55.41	37.72	74.00	18.59	160	24	Horizontal
3	5177.77	91.28	37.82	74.00	-17.28	160	38	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5180MHz		

Start of Test:2023-05-04 22:33:09

Test Graph

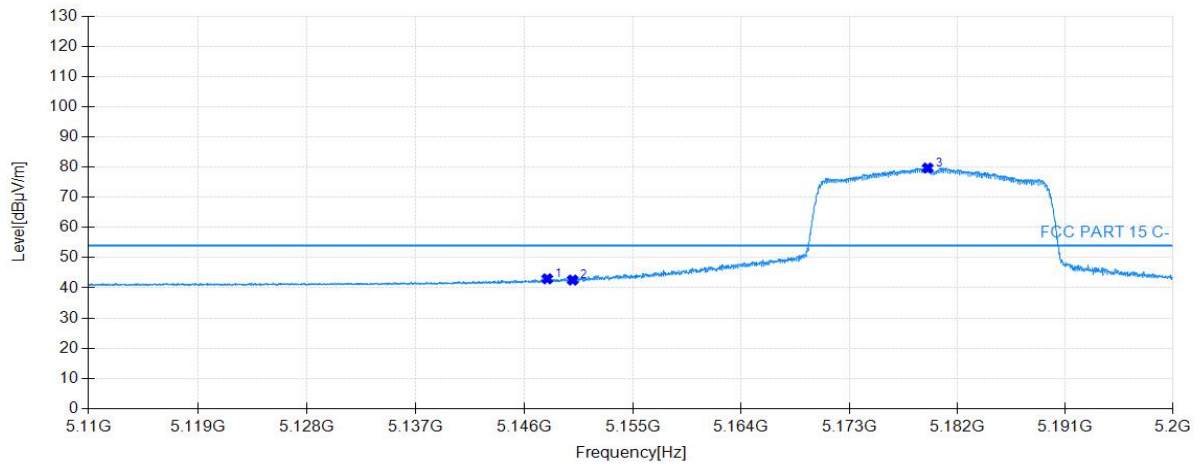


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.31	64.05	37.71	74.00	9.95	160	330	Vertical
2	5150.00	61.93	37.72	74.00	12.07	160	330	Vertical
3	5177.23	100.81	37.82	74.00	-26.81	160	344	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5180MHz		

Start of Test:2023-05-04 22:34:23

Test Graph

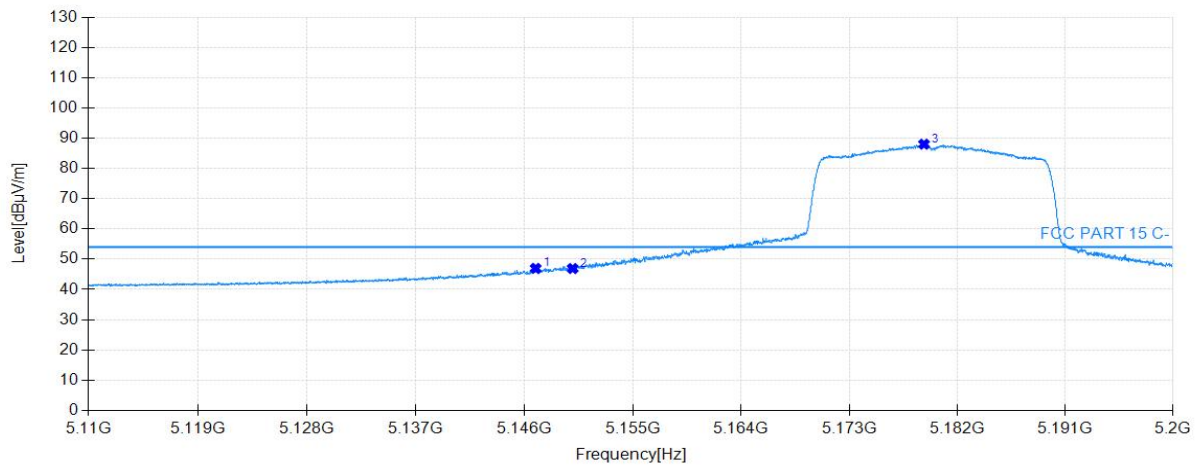


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.89	42.99	37.71	54.00	11.01	160	37	Horizontal
2	5150.00	42.58	37.72	54.00	11.42	160	24	Horizontal
3	5179.51	79.68	37.83	54.00	-25.68	160	37	Horizontal

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 1 at Channel 5180MHz		

Start of Test:2023-05-04 22:35:15

Test Graph

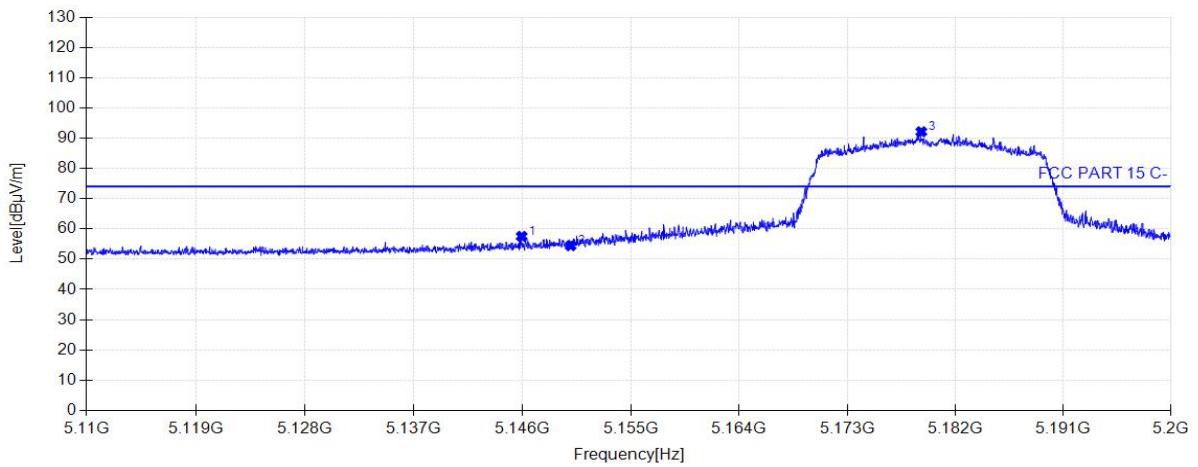


Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5146.93	46.96	37.71	54.00	7.04	160	345	Vertical
2	5150.00	46.91	37.72	54.00	7.09	160	351	Vertical
3	5179.21	88.00	37.83	54.00	-34.00	160	345	Vertical

Project Information			
EUT:	LED Playback Control Processor	Model:	TU20 Pro
S/N:	/	Voltage:	DC 12V
Environment:	Temp: 22°C; Humi:52%	Engineer:	Amos Xia
Remark:	Transmit by 802.11ac20 - Ant 2 at Channel 5180MHz		

Start of Test:2023-05-04 22:58:52

Test Graph



Suspected Data List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.94	57.54	37.70	74.00	16.46	160	349	Horizontal
2	5150.00	54.45	37.72	74.00	19.55	160	66	Horizontal
3	5179.15	92.12	37.83	74.00	-18.12	160	331	Horizontal