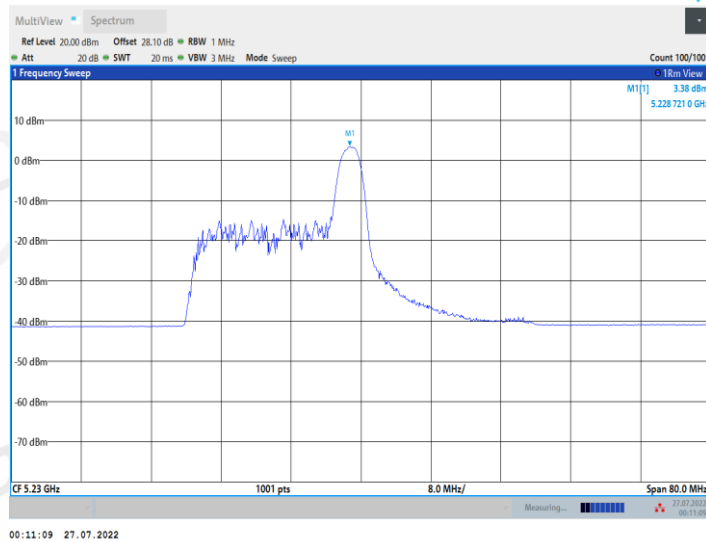
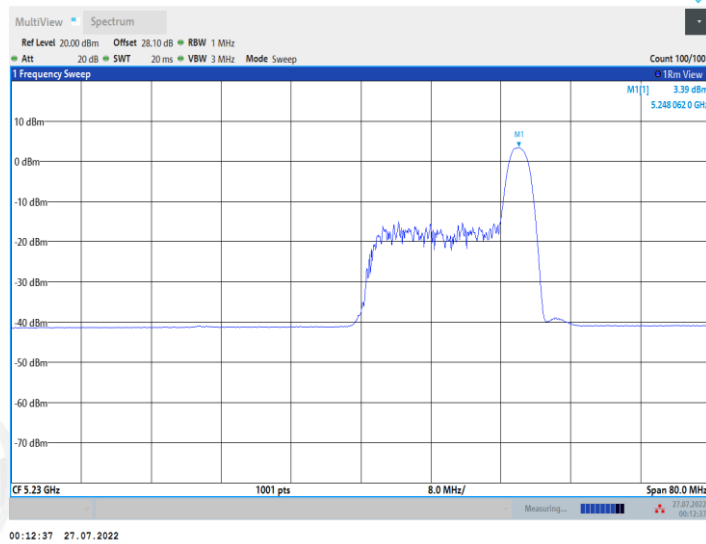


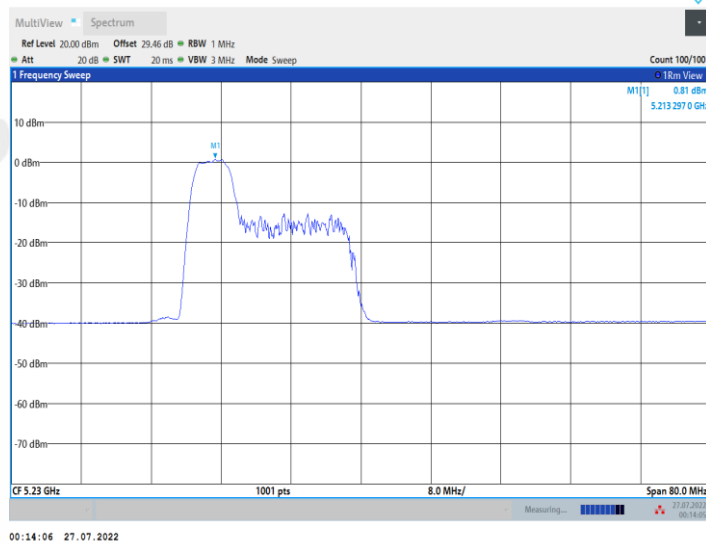
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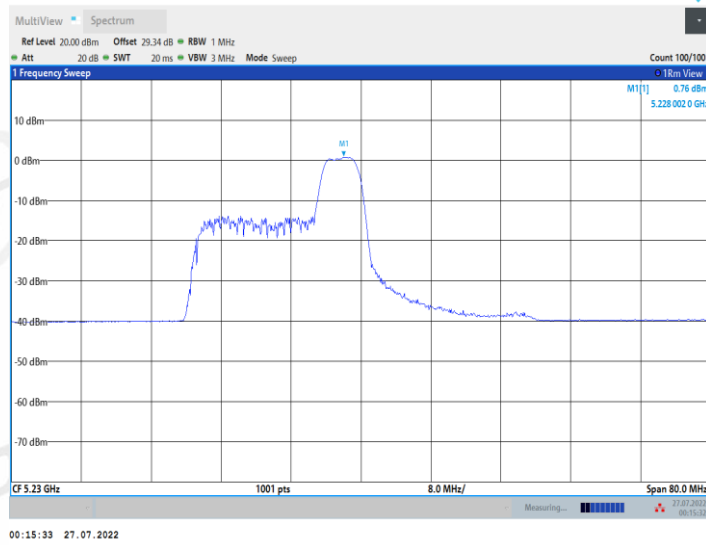
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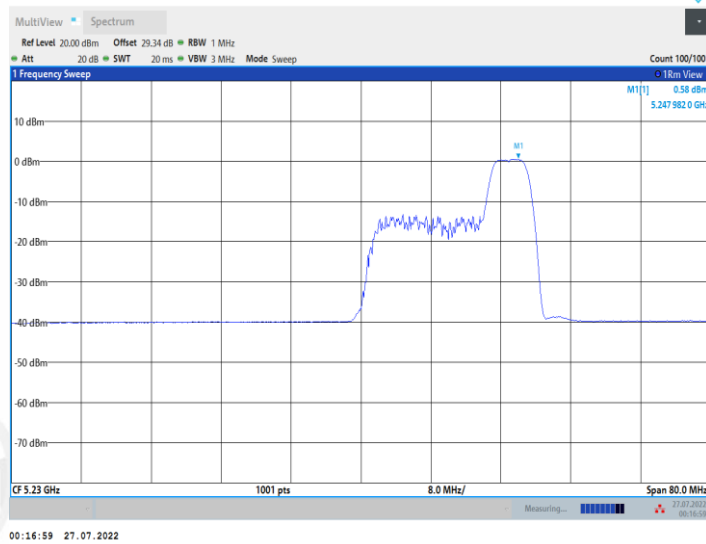
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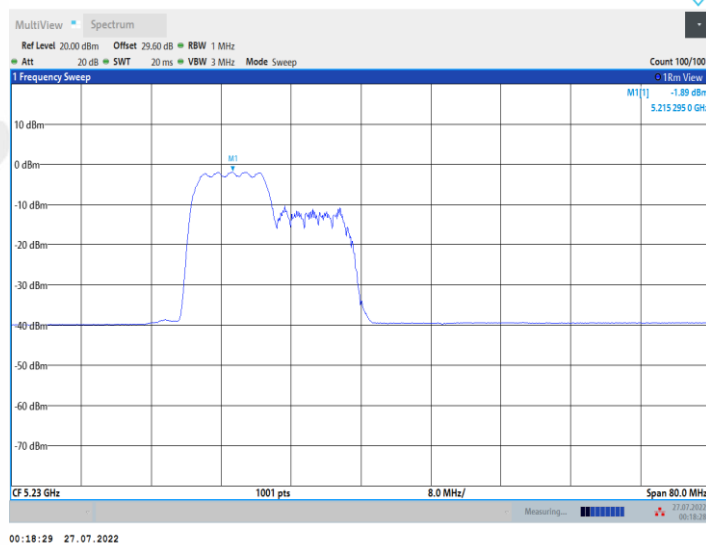
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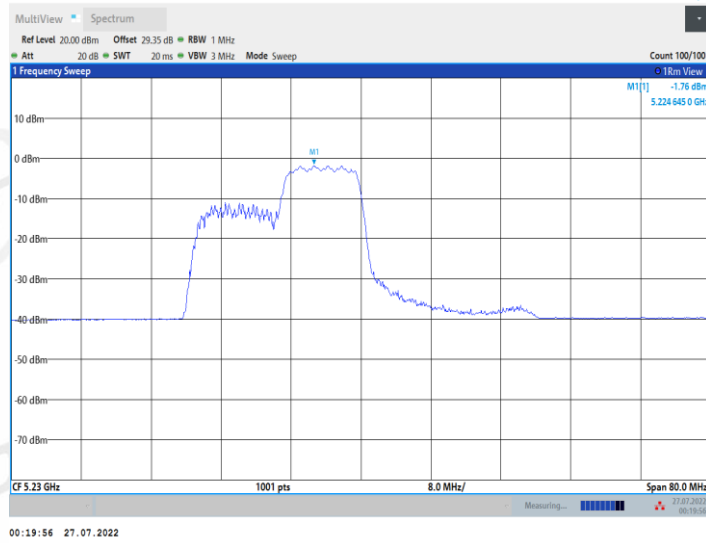
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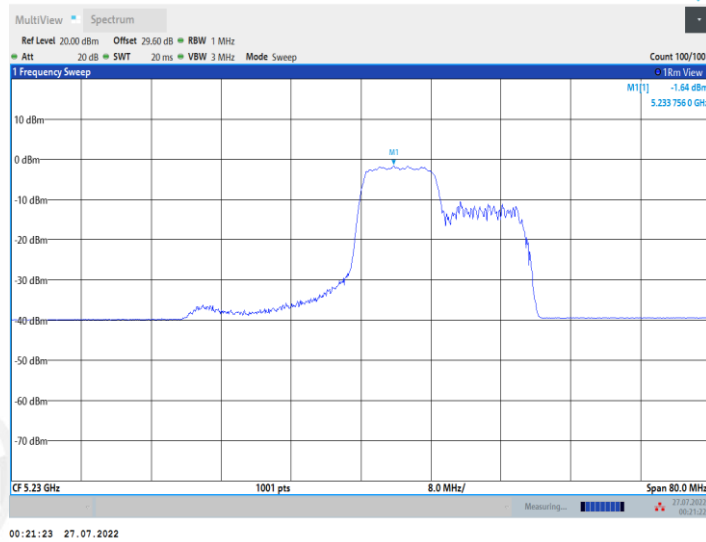
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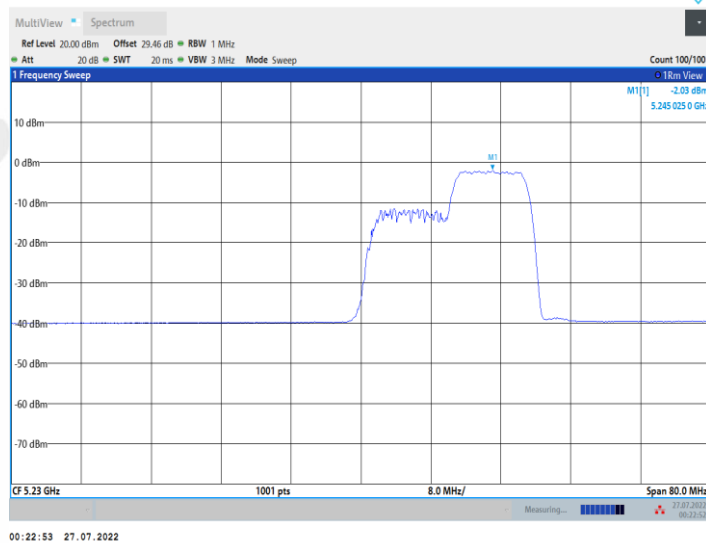
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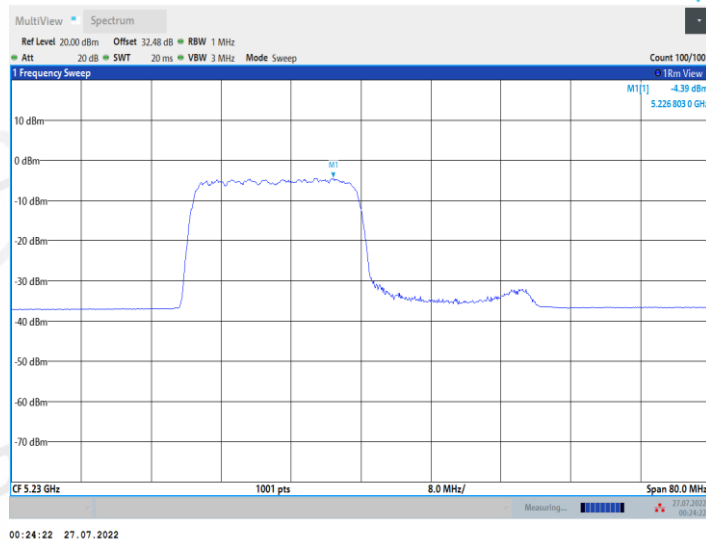
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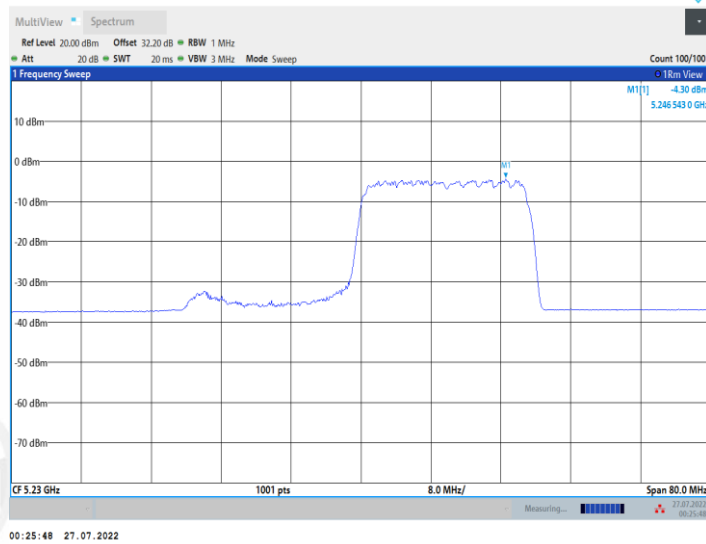
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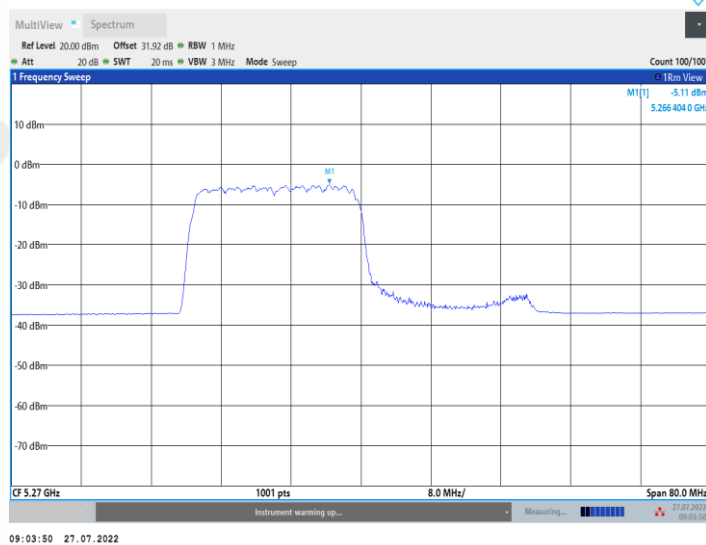
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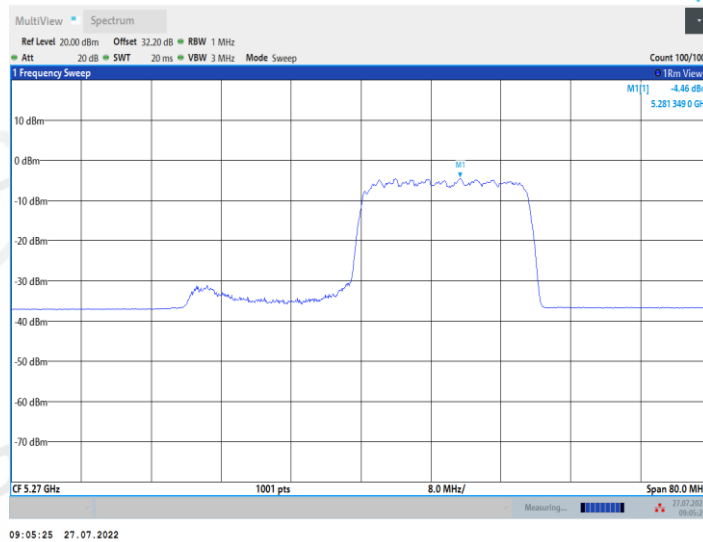
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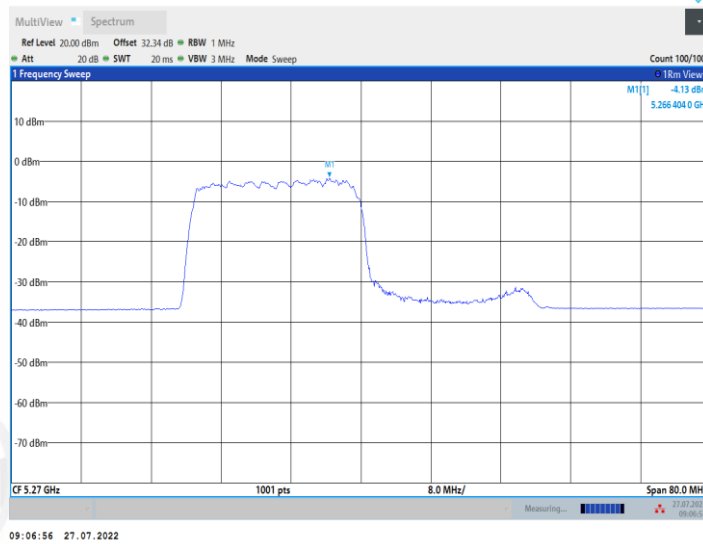
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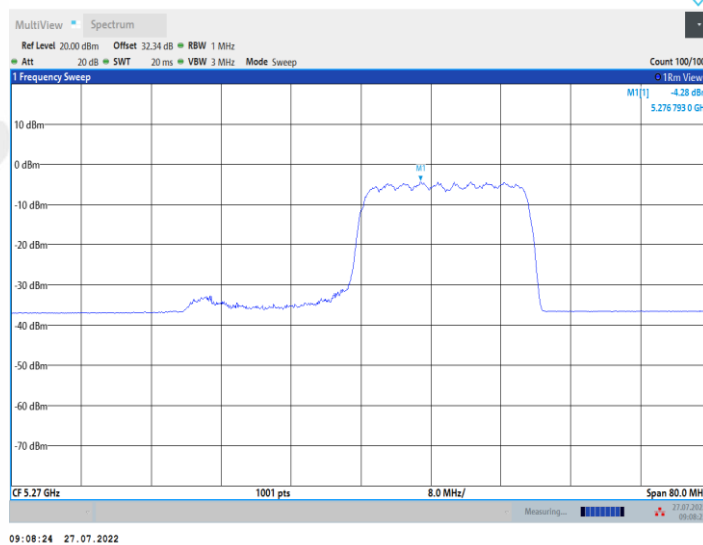
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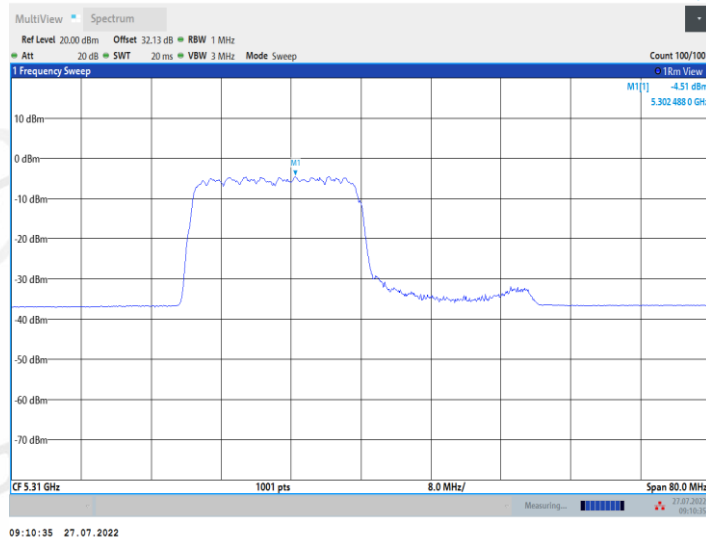
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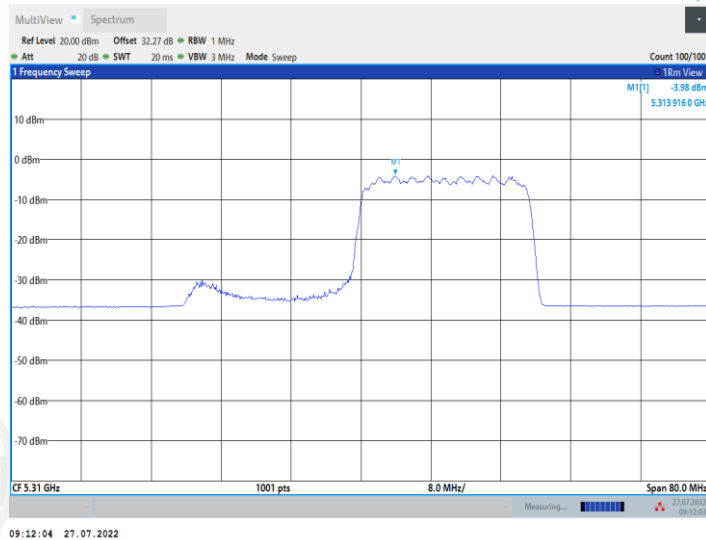
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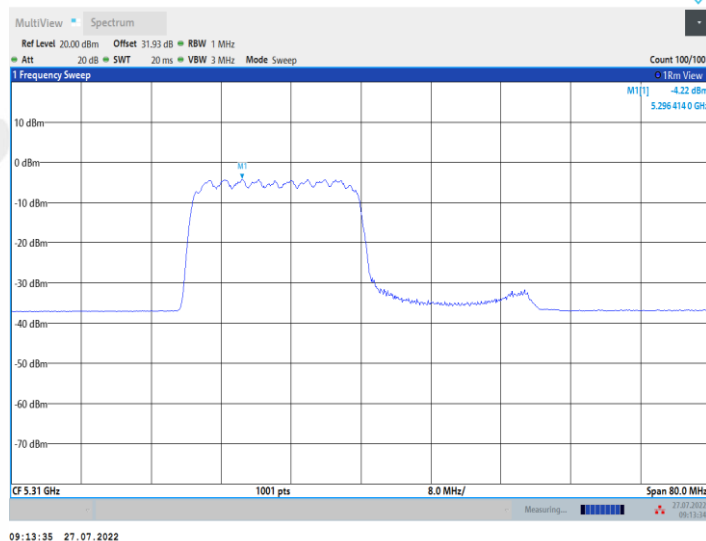
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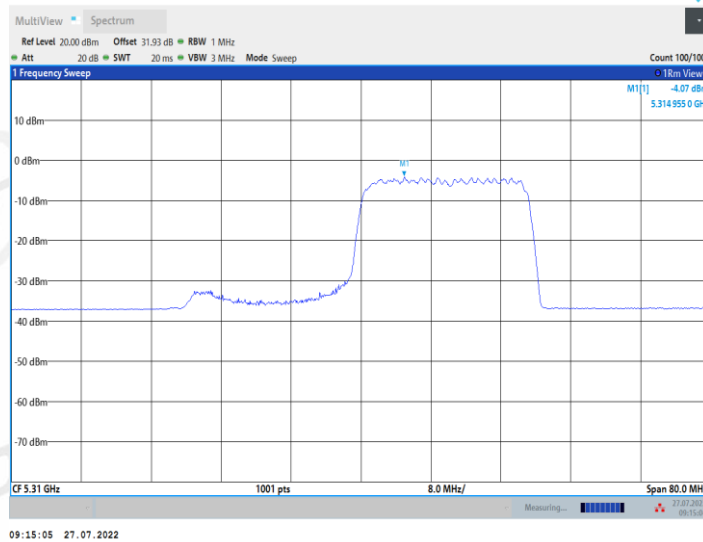
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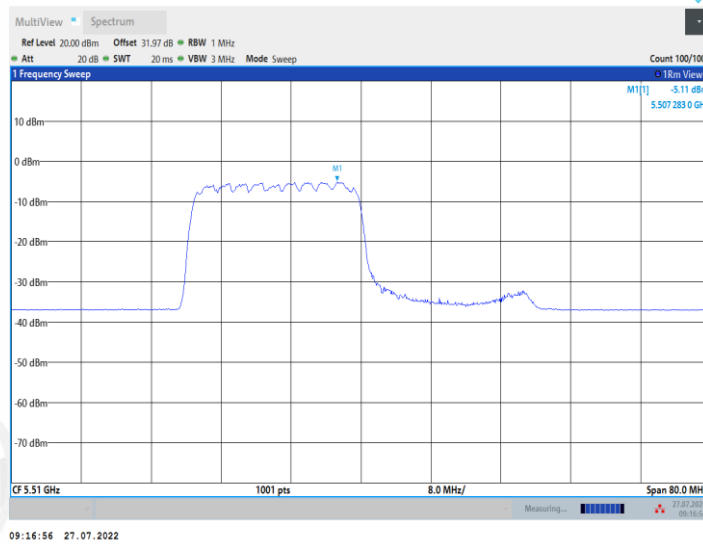
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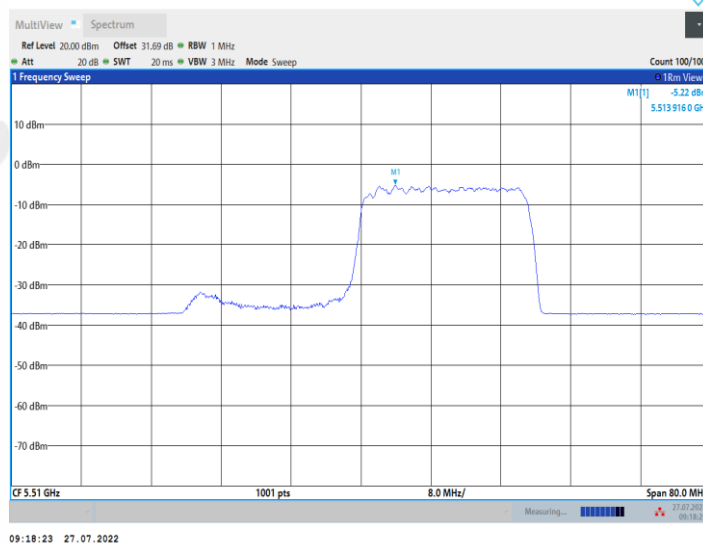
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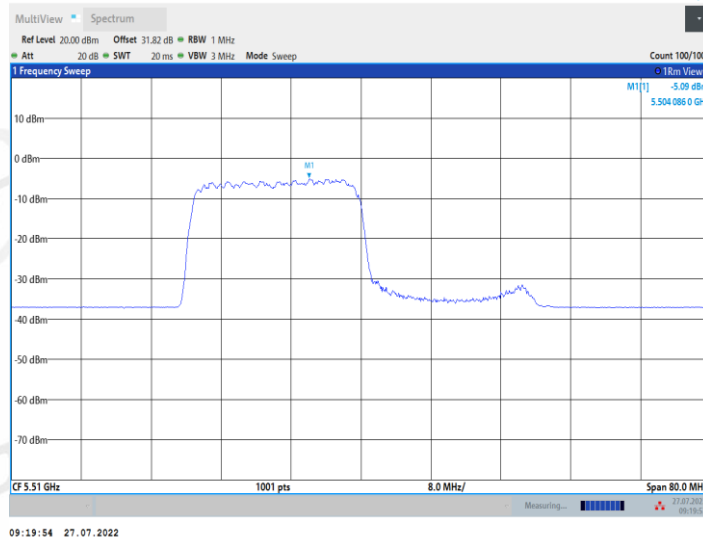
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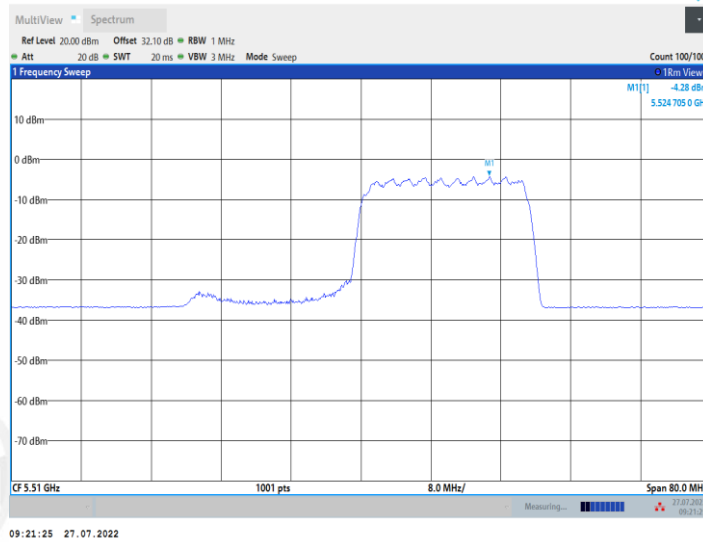
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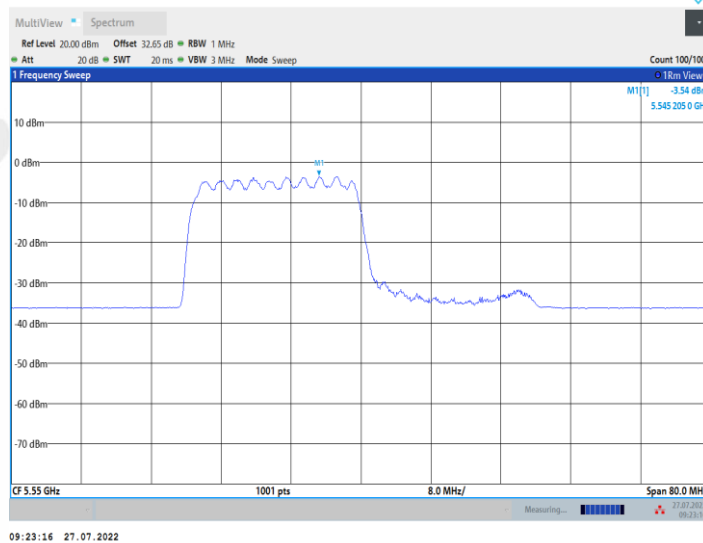
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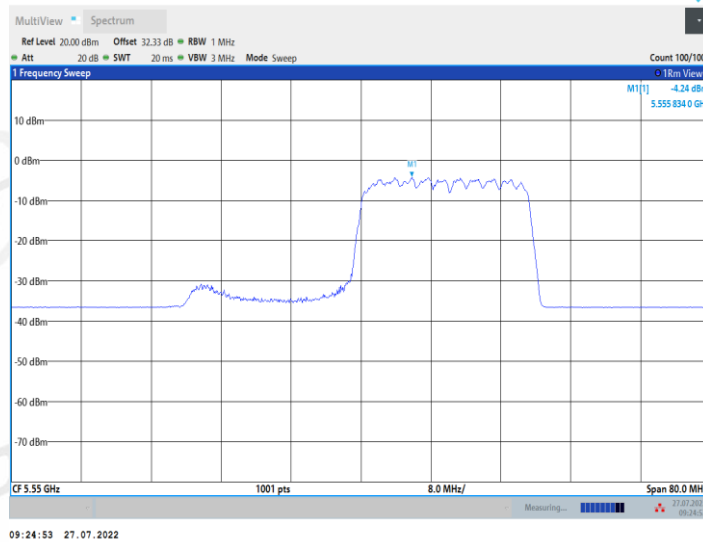
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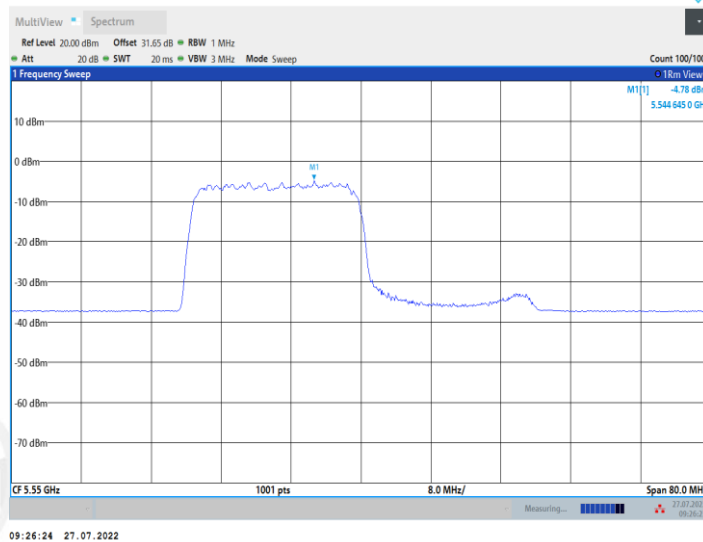
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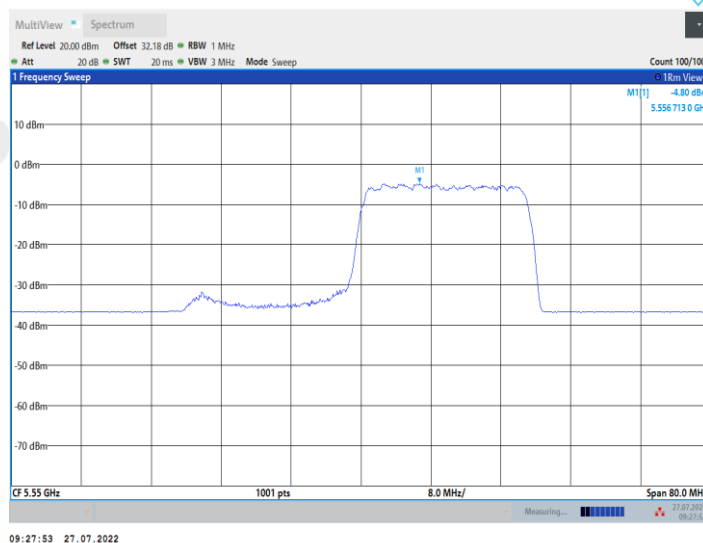
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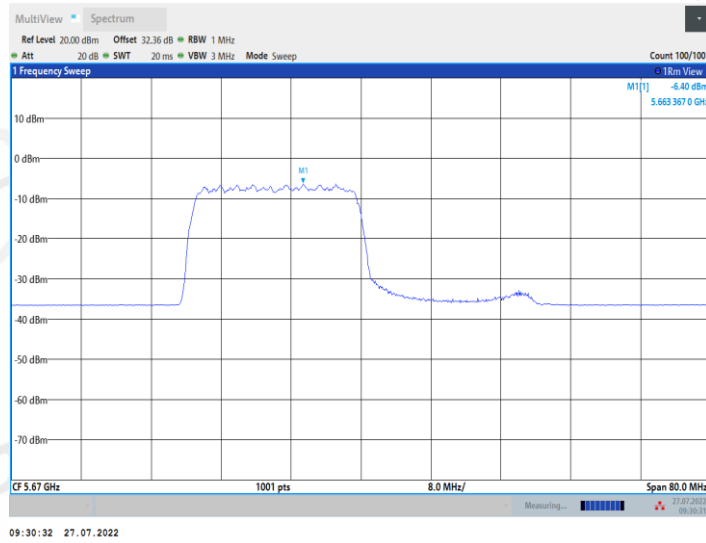
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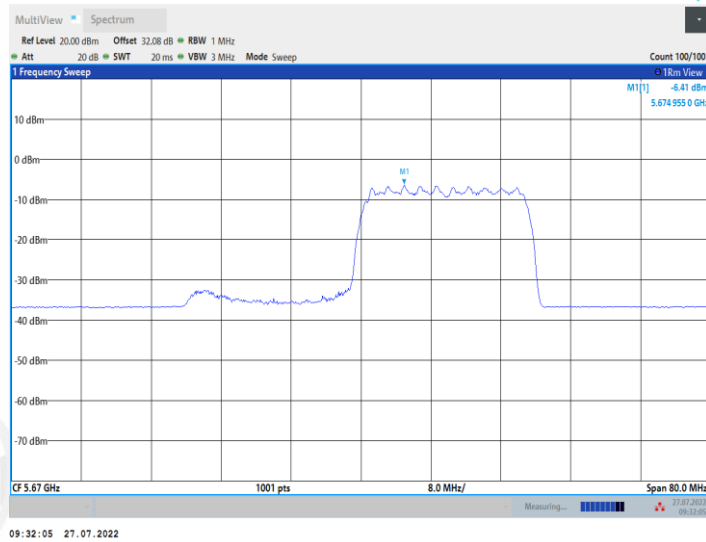
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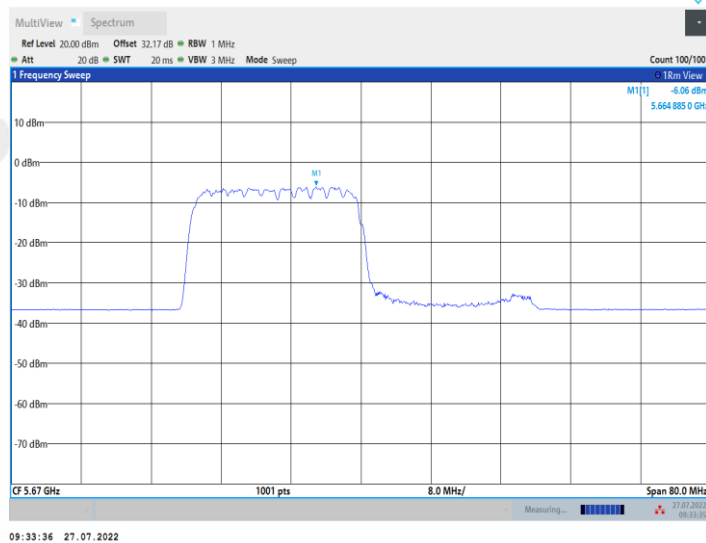
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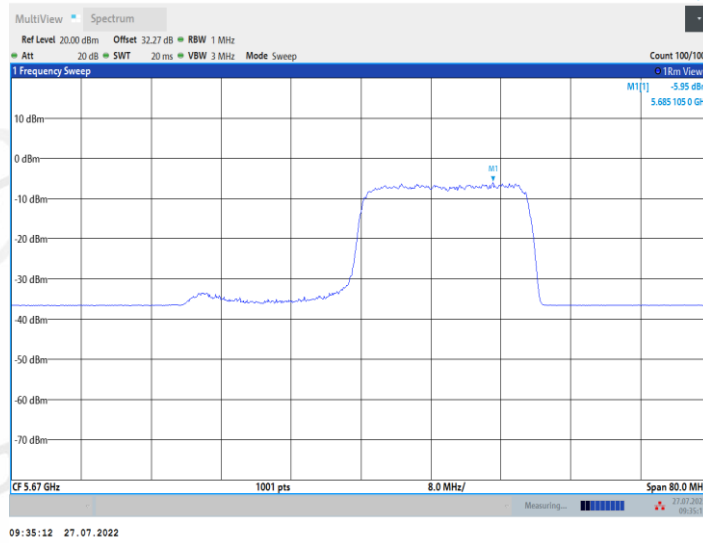
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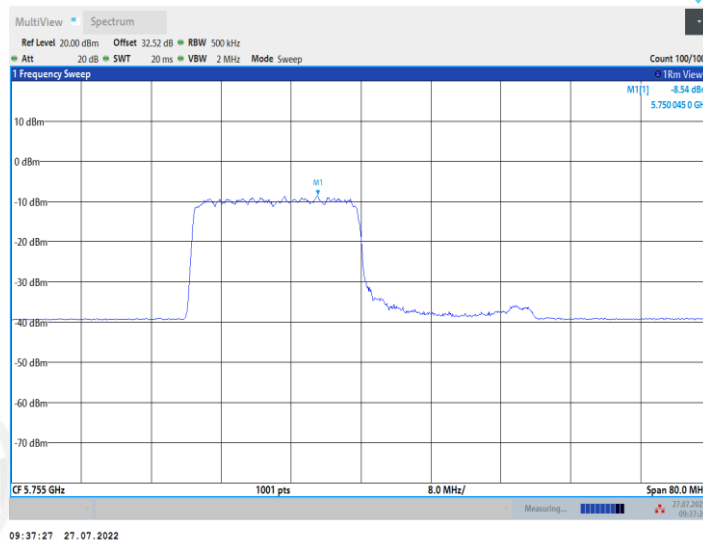
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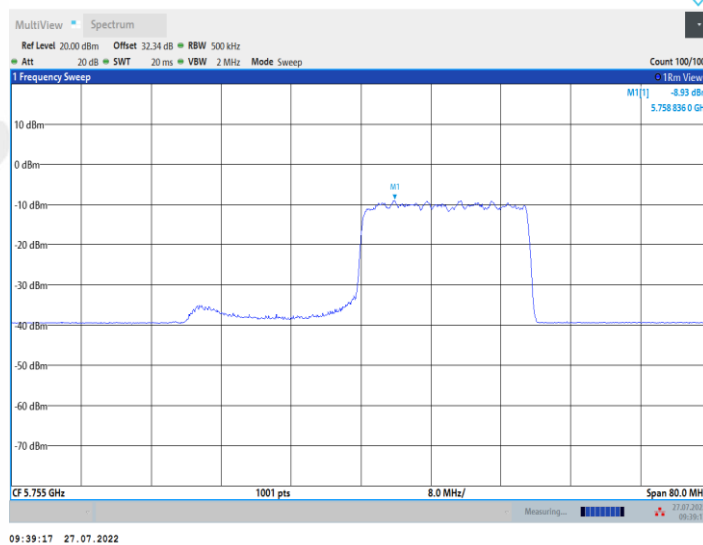
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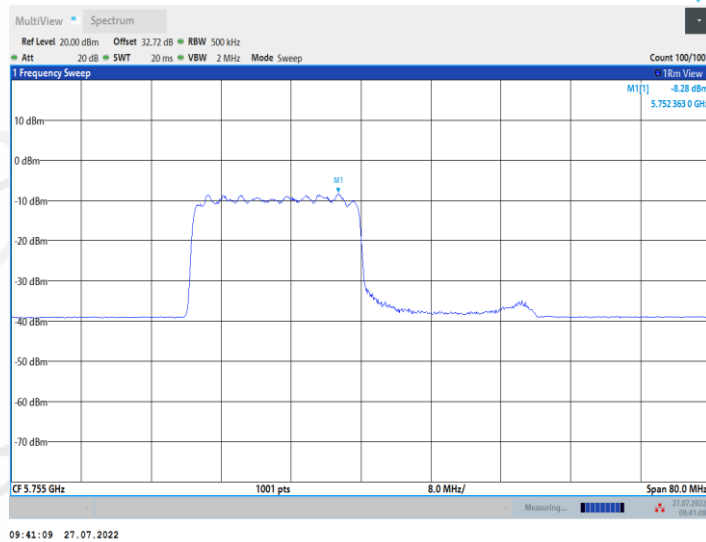
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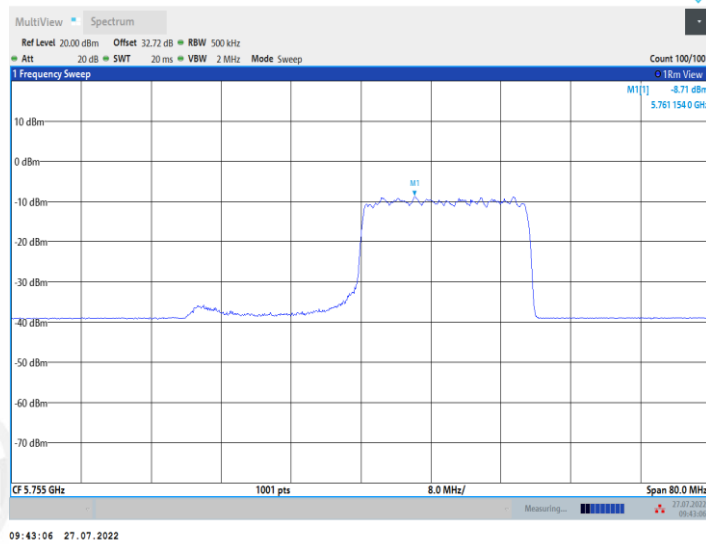
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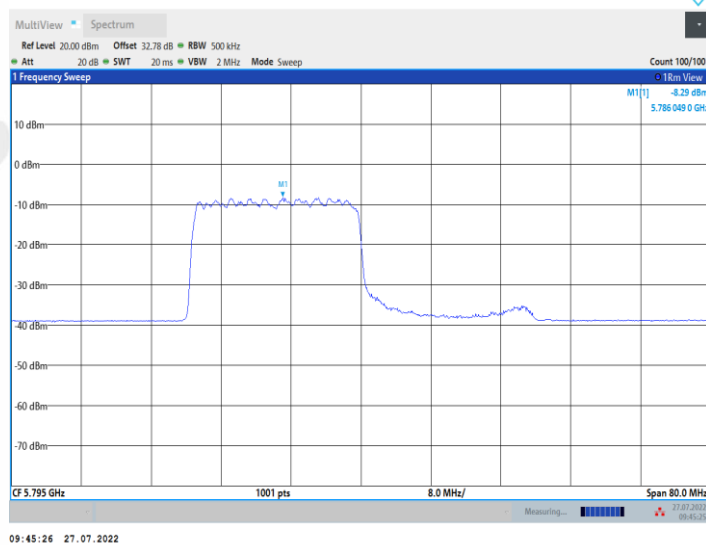
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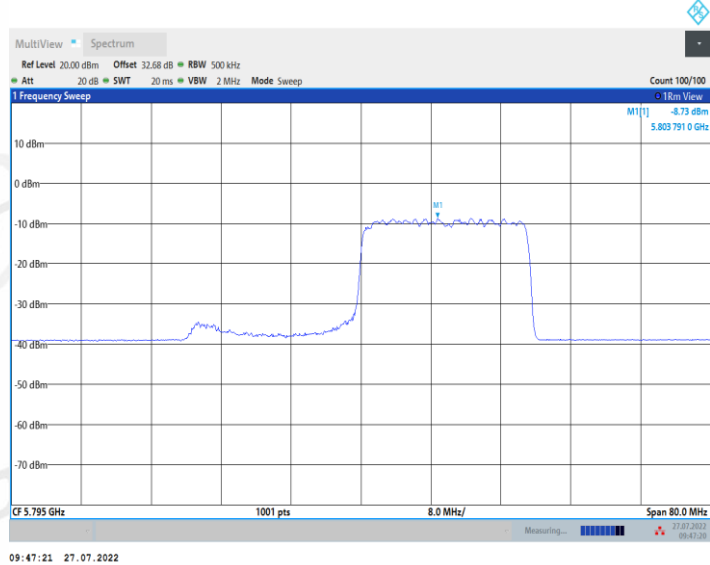
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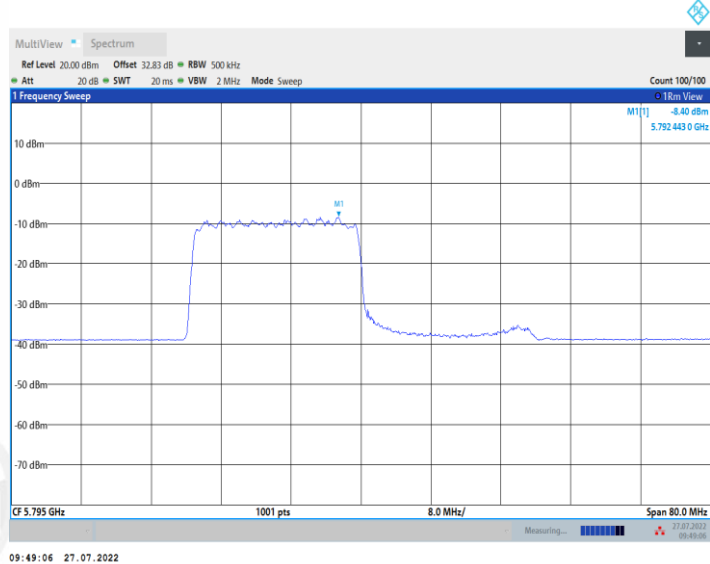
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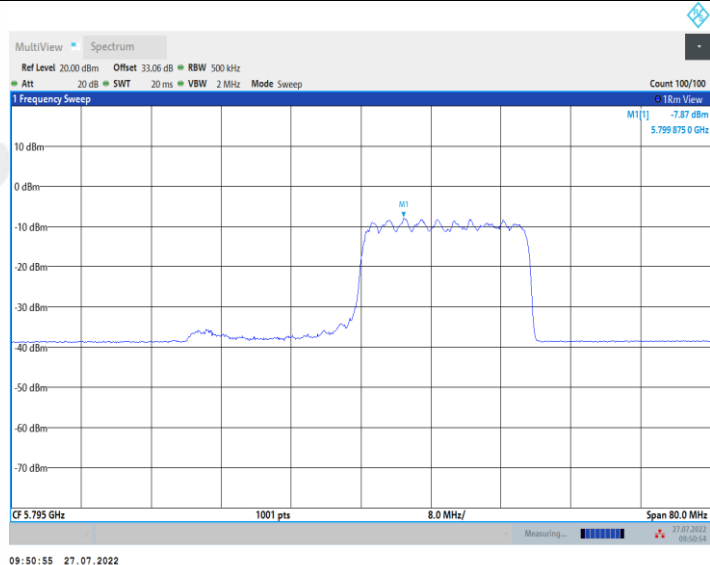
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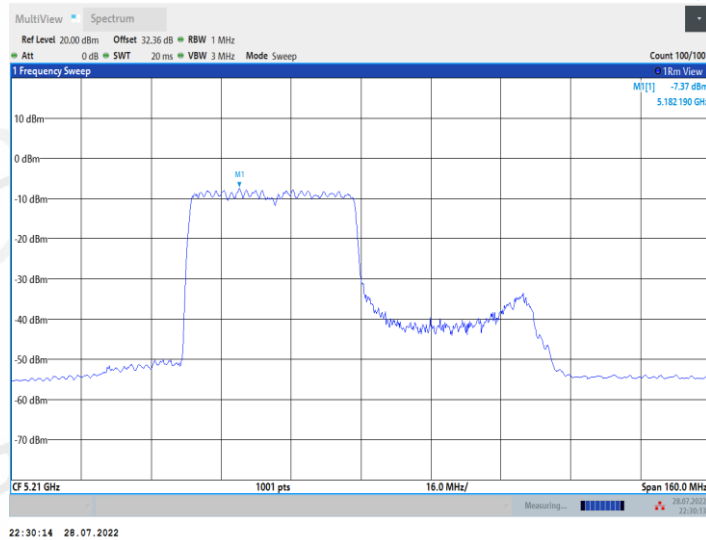
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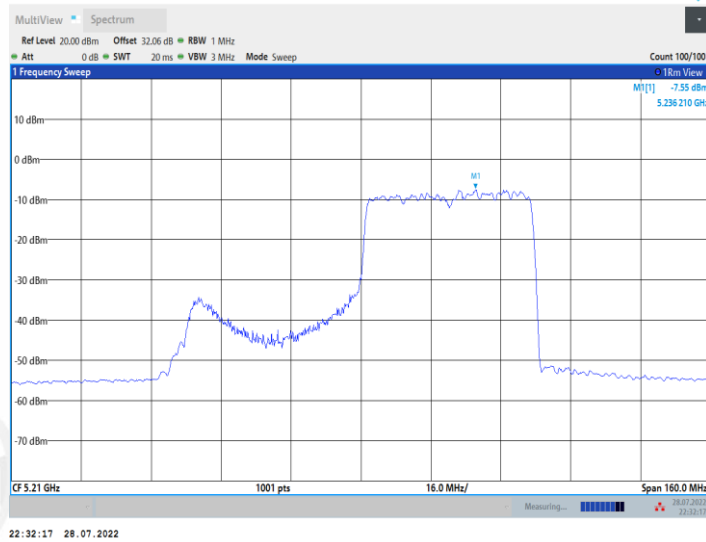
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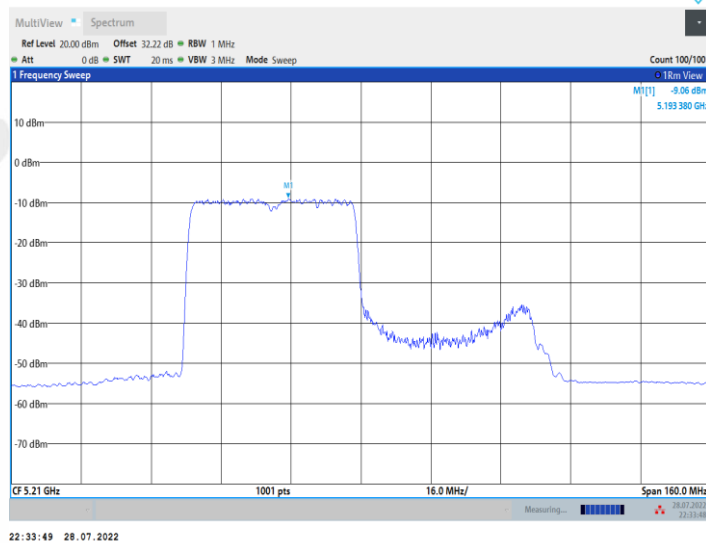
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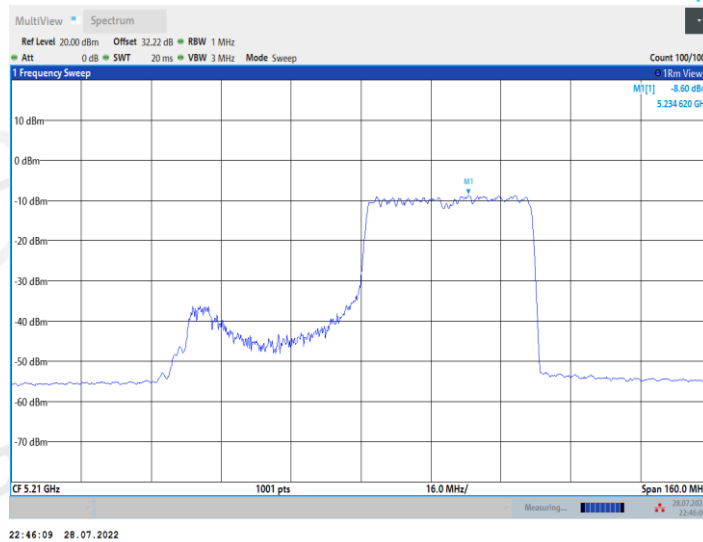
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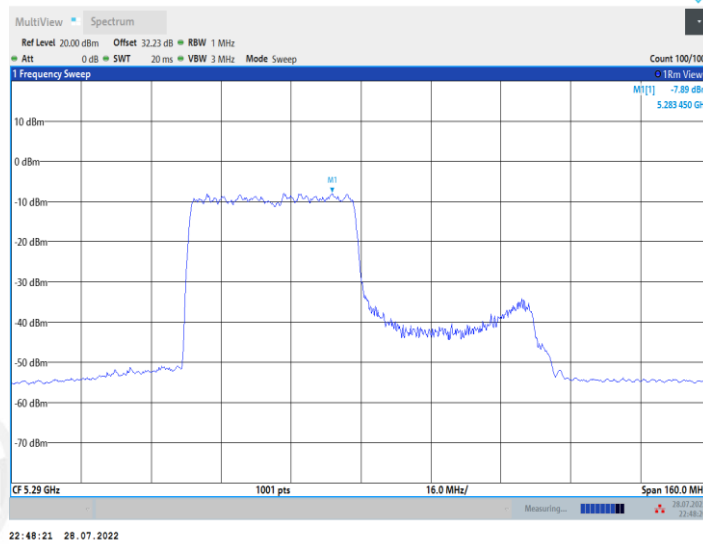
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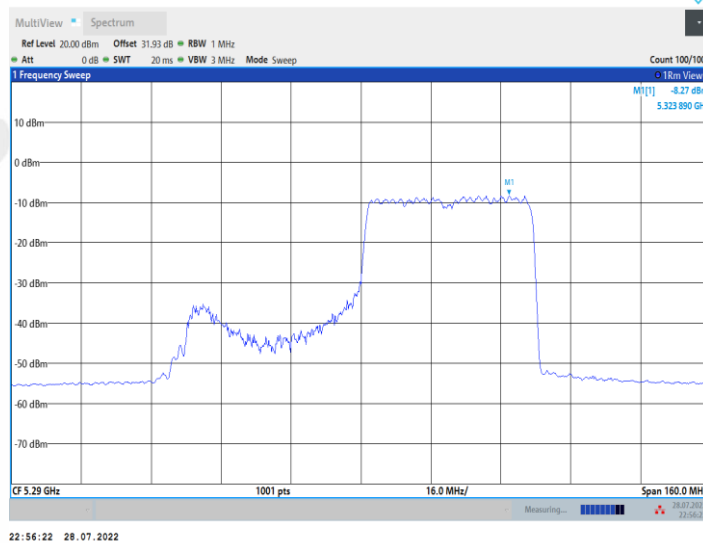
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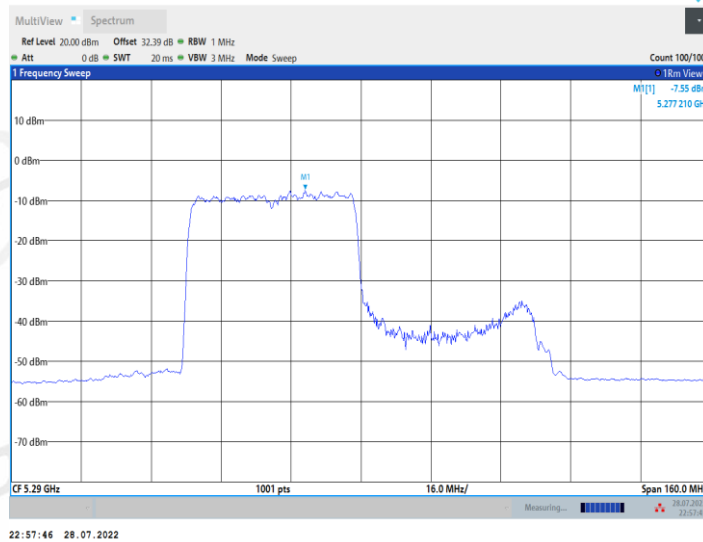
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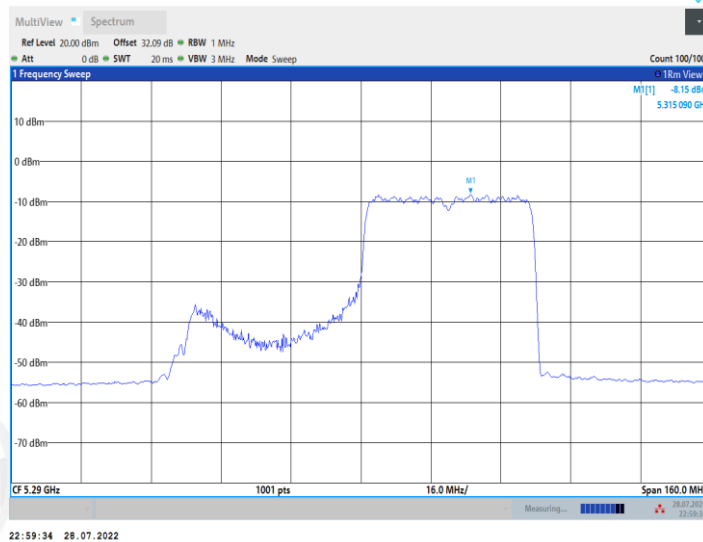
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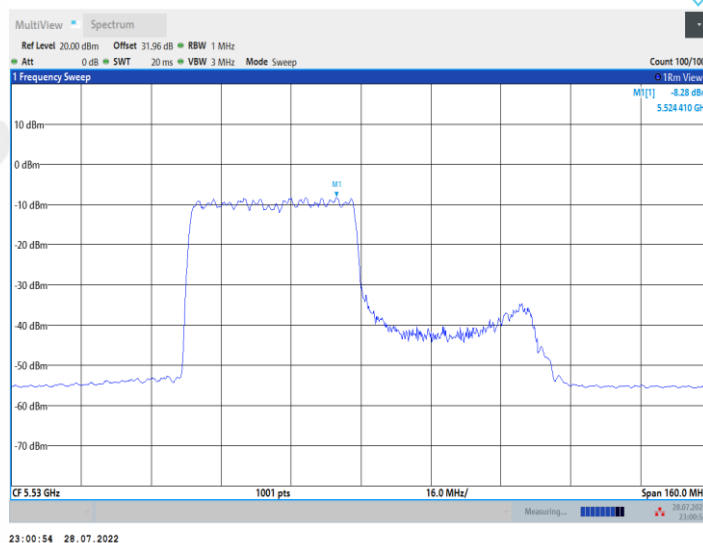
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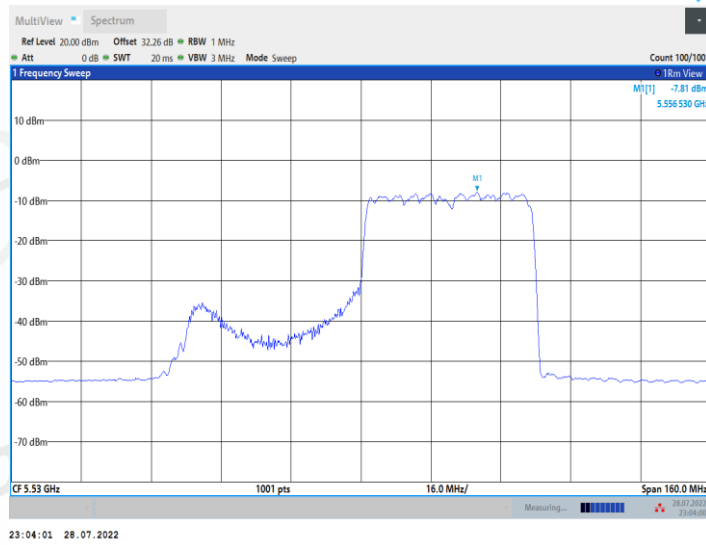
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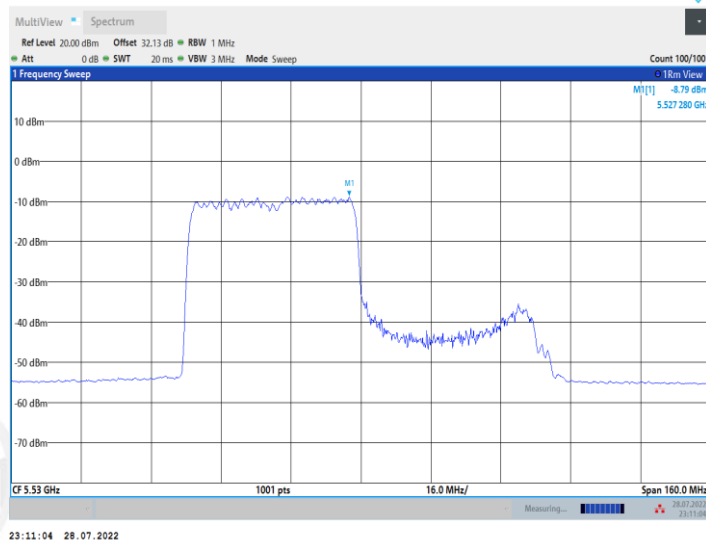
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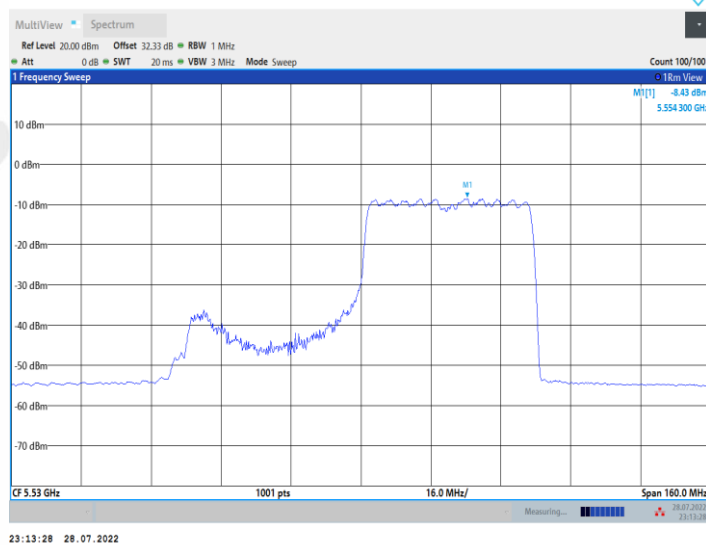
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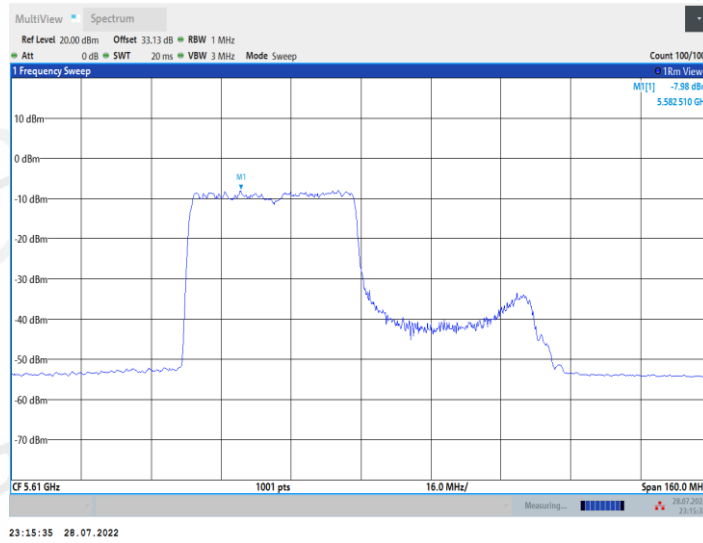
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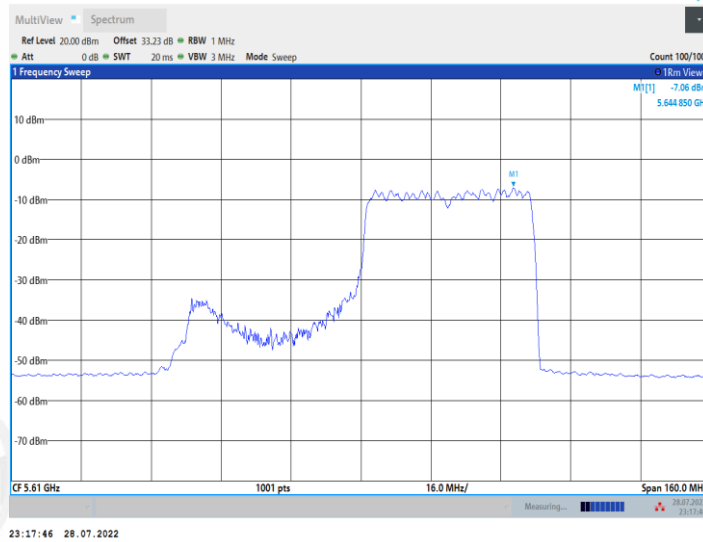
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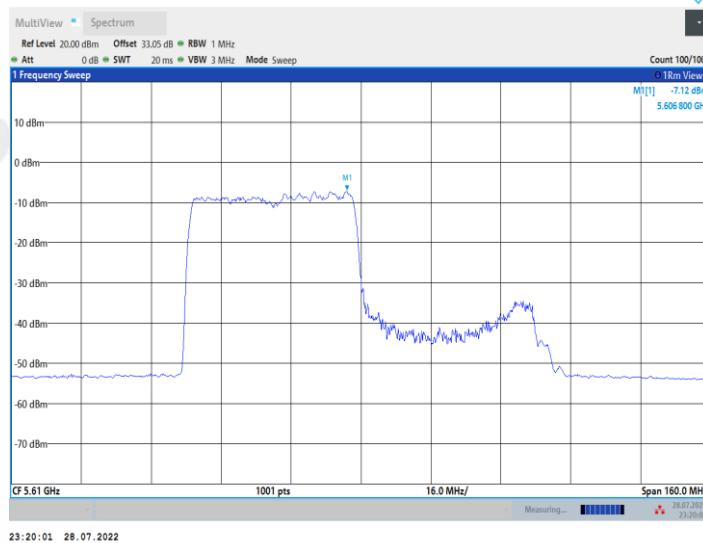
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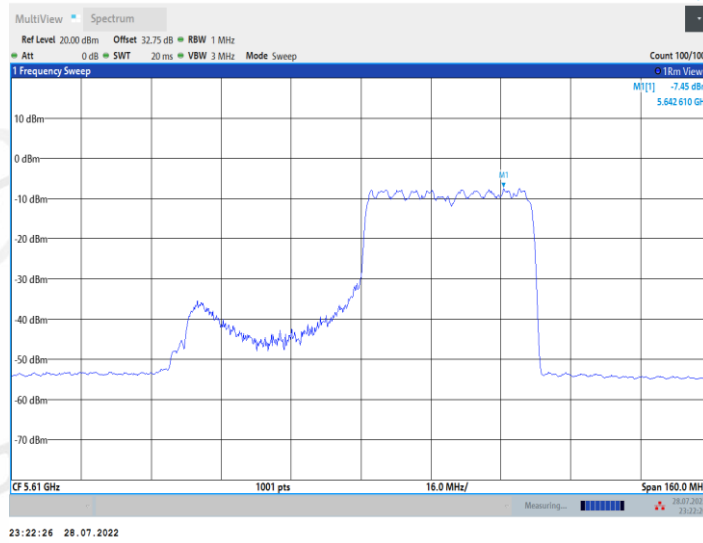
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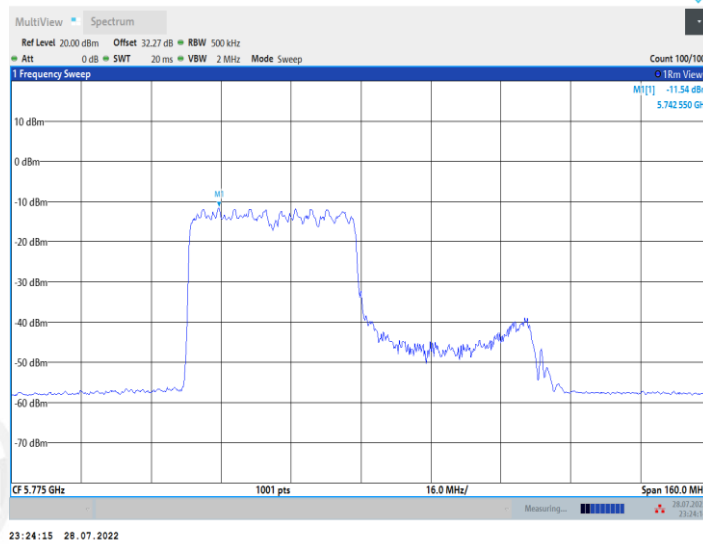
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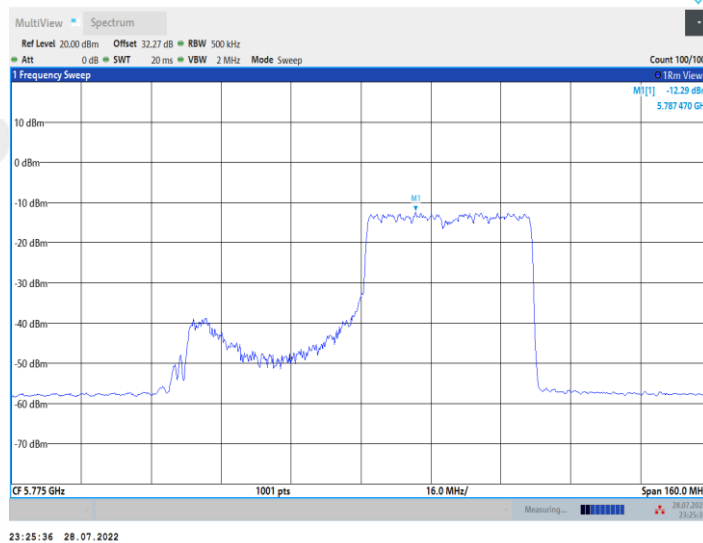
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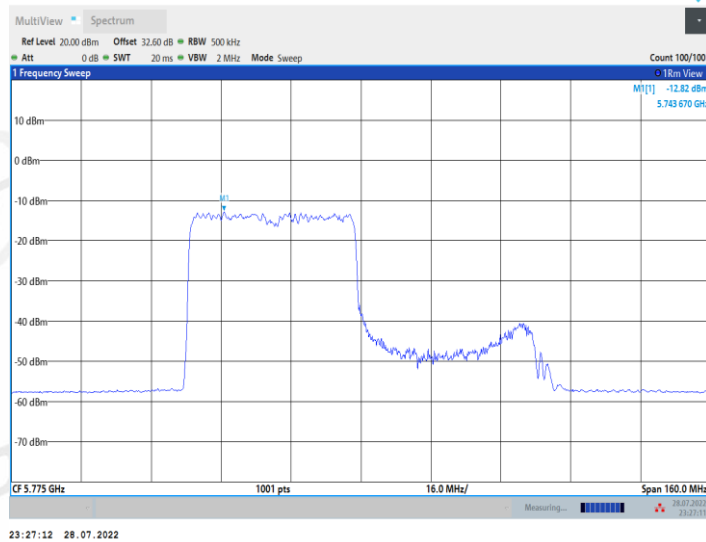
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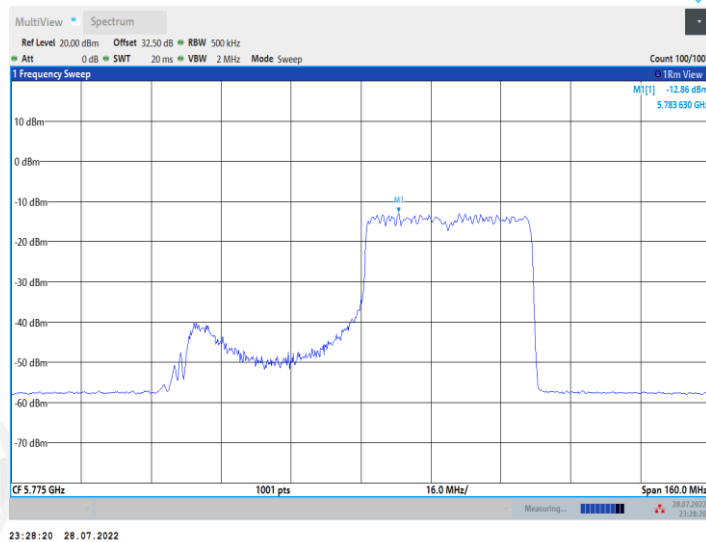
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11AX80MIMO_Ant2_5775_484Tone_RU65



11AX80MIMO_Ant2_5775_484Tone_RU66



7. Frequency Stability Measurement

7.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

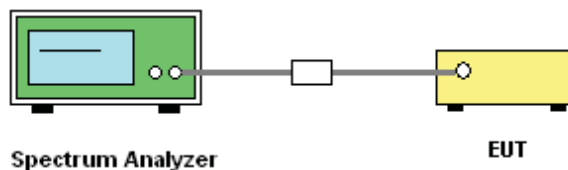
7.3. Test Procedures

(1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.

(2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.

(3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

7.4. Test Setup



7.5. Test Result

TestMode	Antenna	Frequency [MHz]	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
			Voltage [Vdc]	Temperature (°C)				
11A	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	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	-60000.00	-11.538462	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS	
		LV	NT	-40000.00	-7.633588	20	PASS	

		HV	NT	-60000.00	-11.450382	20	PASS
Ant2	5240	NV	NT	-60000.00	-11.450382	20	PASS
		LV	NT	-60000.00	-11.450382	20	PASS
		HV	NT	-40000.00	-7.633588	20	PASS
Ant1	5260	NV	NT	-40000.00	-7.604563	20	PASS
		LV	NT	-40000.00	-7.604563	20	PASS
		HV	NT	-40000.00	-7.604563	20	PASS
Ant2	5260	NV	NT	-40000.00	-7.604563	20	PASS
		LV	NT	-40000.00	-7.604563	20	PASS
		HV	NT	-40000.00	-7.604563	20	PASS
Ant1	5280	NV	NT	-40000.00	-7.575758	20	PASS
		LV	NT	-40000.00	-7.575758	20	PASS
		HV	NT	-40000.00	-7.575758	20	PASS
Ant2	5280	NV	NT	-40000.00	-7.575758	20	PASS
		LV	NT	-40000.00	-7.575758	20	PASS
		HV	NT	-40000.00	-7.575758	20	PASS
Ant1	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
Ant2	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
Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
		LV	NT	-40000.00	-7.272727	20	PASS
		HV	NT	-40000.00	-7.272727	20	PASS
Ant2	5500	NV	NT	-40000.00	-7.272727	20	PASS
		LV	NT	-40000.00	-7.272727	20	PASS
		HV	NT	-40000.00	-7.272727	20	PASS
Ant1	5580	NV	NT	-40000.00	-7.168459	20	PASS
		LV	NT	-40000.00	-7.168459	20	PASS
		HV	NT	-20000.00	-3.584229	20	PASS
Ant2	5580	NV	NT	0.00	0.000000	20	PASS
		LV	NT	20000.00	3.584229	20	PASS
		HV	NT	-20000.00	-3.584229	20	PASS
Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
		LV	NT	-40000.00	-7.017544	20	PASS
		HV	NT	-40000.00	-7.017544	20	PASS
Ant2	5700	NV	NT	-20000.00	-3.508772	20	PASS
		LV	NT	0.00	0.000000	20	PASS
		HV	NT	-20000.00	-3.508772	20	PASS
Ant1	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
Ant2	5745	NV	NT	0.00	0.000000	20	PASS
		LV	NT	-40000.00	-6.962576	20	PASS
		HV	NT	-20000.00	-3.481288	20	PASS
Ant1	5785	NV	NT	-60000.00	-10.371651	20	PASS
		LV	NT	-60000.00	-10.371651	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	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	-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
11N20MIM O	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-20000.00	-3.861004	20	PASS
			HV	NT	0.00	0.000000	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	-20000.00	-3.846154	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
	Ant2	5200	NV	NT	-40000.00	-7.692308	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	20000.00	3.816794	20	PASS
	Ant1	5260	NV	NT	-40000.00	-7.604563	20	PASS
			LV	NT	-20000.00	-3.802281	20	PASS
			HV	NT	-20000.00	-3.802281	20	PASS
	Ant2	5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-40000.00	-7.604563	20	PASS
			HV	NT	-40000.00	-7.604563	20	PASS
	Ant1	5280	NV	NT	-40000.00	-7.575758	20	PASS
			LV	NT	-40000.00	-7.575758	20	PASS
			HV	NT	-40000.00	-7.575758	20	PASS
	Ant2	5280	NV	NT	-40000.00	-7.575758	20	PASS
			LV	NT	-40000.00	-7.575758	20	PASS
			HV	NT	-20000.00	-3.787879	20	PASS
	Ant1	5320	NV	NT	-40000.00	-7.518797	20	PASS
			LV	NT	-20000.00	-3.759398	20	PASS
			HV	NT	-40000.00	-7.518797	20	PASS
	Ant2	5320	NV	NT	-40000.00	-7.518797	20	PASS
			LV	NT	-20000.00	-3.759398	20	PASS
			HV	NT	-40000.00	-7.518797	20	PASS
Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS	
		LV	NT	-40000.00	-7.272727	20	PASS	
		HV	NT	-40000.00	-7.272727	20	PASS	
Ant2	5500	NV	NT	-40000.00	-7.272727	20	PASS	
		LV	NT	-20000.00	-3.636364	20	PASS	
		HV	NT	-20000.00	-3.636364	20	PASS	
Ant1	5580	NV	NT	-40000.00	-7.168459	20	PASS	
		LV	NT	-40000.00	-7.168459	20	PASS	

			HV	NT	-20000.00	-3.584229	20	PASS
	Ant2	5580	NV	NT	-60000.00	-10.752688	20	PASS
			LV	NT	-40000.00	-7.168459	20	PASS
			HV	NT	-20000.00	-3.584229	20	PASS
	Ant1	5700	NV	NT	-20000.00	-3.508772	20	PASS
			LV	NT	-20000.00	-3.508772	20	PASS
			HV	NT	-20000.00	-3.508772	20	PASS
	Ant2	5700	NV	NT	-40000.00	-7.017544	20	PASS
			LV	NT	20000.00	3.508772	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-60000.00	-10.443864	20	PASS
	Ant2	5745	NV	NT	-40000.00	-6.962576	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	-20000.00	-3.457217	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	-60000.00	-10.371651	20	PASS
	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	-40000.00	-6.866953	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
	Ant2	5825	NV	NT	-20000.00	-3.433476	20	PASS
			LV	NT	-20000.00	-3.433476	20	PASS
			HV	NT	-40000.00	-6.866953	20	PASS
11N40MIM O	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
	Ant2	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80160.32	15.445148	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
	Ant1	5230	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	5230	NV	NT	80160.32	15.327021	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
	Ant1	5270	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	5270	NV	NT	0.00	0.000000	20	PASS
			LV	NT	80160.32	15.210687	20	PASS
			HV	NT	-80160.33	-15.210688	20	PASS
	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	80160.33	15.096106	20	PASS
	Ant2	5310	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	5510		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	5510		NV	NT	0.00	0.000000	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	80160.32	14.548152	20	PASS	
Ant1	5550		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	5550		NV	NT	-80160.33	-14.443302	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	0.00	0.000000	20	PASS	
Ant1	5670		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	5670		NV	NT	-40020.01	-7.058203	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	80160.32	14.137623	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	-40040.04	-6.957435	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	-40020.01	-6.953955	20	PASS	
Ant1	5795		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	5795		NV	NT	-40040.04	-6.909412	20	PASS	
			LV	NT	0.00	0.000000	20	PASS	
			HV	NT	-40040.04	-6.909412	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	5290		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	5290		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	5530		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	5530		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	5610		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	5610		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	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature										
TestMode	Antenna	Frequenc y [MHz]	Voltage [Vdc]	Tempera ture (°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	-40000.00	-7.722008	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	-20000.00	-3.861004	20	PASS			
		Ant2	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	-40000.00	-7.722008	20	PASS	
				NV	10	-40000.00	-7.722008	20	PASS	
				NV	20	-20000.00	-3.861004	20	PASS	
				NV	30	-60000.00	-11.583012	20	PASS	
				NV	40	-40000.00	-7.722008	20	PASS	
		NV	50	-20000.00	-3.861004	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	-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			
		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	-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	-20000.00	-3.846154	20	PASS				
	Ant1	5240		NV	-30	-20000.00	-3.816794	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	-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	-20000.00	-3.816794	20	PASS
Ant2	5240	NV	-30	-60000.00	-11.450382	20	PASS
		NV	-20	-40000.00	-7.633588	20	PASS
		NV	-10	-40000.00	-7.633588	20	PASS
		NV	0	-60000.00	-11.450382	20	PASS
		NV	10	-20000.00	-3.816794	20	PASS
		NV	20	-40000.00	-7.633588	20	PASS
		NV	30	-60000.00	-11.450382	20	PASS
		NV	40	-60000.00	-11.450382	20	PASS
		NV	50	-40000.00	-7.633588	20	PASS
Ant1	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	-20000.00	-3.802281	20	PASS
		NV	10	-20000.00	-3.802281	20	PASS
		NV	20	-40000.00	-7.604563	20	PASS
		NV	30	-40000.00	-7.604563	20	PASS
		NV	40	-20000.00	-3.802281	20	PASS
		NV	50	-40000.00	-7.604563	20	PASS
Ant2	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
		NV	50	-40000.00	-7.604563	20	PASS
Ant1	5280	NV	-30	-40000.00	-7.575758	20	PASS
		NV	-20	-40000.00	-7.575758	20	PASS
		NV	-10	-40000.00	-7.575758	20	PASS
		NV	0	-40000.00	-7.575758	20	PASS
		NV	10	-40000.00	-7.575758	20	PASS
		NV	20	-40000.00	-7.575758	20	PASS
		NV	30	-40000.00	-7.575758	20	PASS
		NV	40	-40000.00	-7.575758	20	PASS
		NV	50	-40000.00	-7.575758	20	PASS
Ant2	5280	NV	-30	-40000.00	-7.575758	20	PASS
		NV	-20	-40000.00	-7.575758	20	PASS
		NV	-10	-40000.00	-7.575758	20	PASS
		NV	0	-40000.00	-7.575758	20	PASS
		NV	10	-20000.00	-3.787879	20	PASS
		NV	20	-40000.00	-7.575758	20	PASS
		NV	30	-40000.00	-7.575758	20	PASS

		NV	40	-40000.00	-7.575758	20	PASS		
		NV	50	-60000.00	-11.363636	20	PASS		
Ant1	5320	NV	-30	-40000.00	-7.518797	20	PASS		
		NV	-20	-60000.00	-11.278195	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		
		Ant2	5320	NV	-30	-20000.00	-3.759398	20	PASS
				NV	-20	-40000.00	-7.518797	20	PASS
NV	-10			-20000.00	-3.759398	20	PASS		
NV	0			-20000.00	-3.759398	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		
Ant1	5500	NV	-30	-40000.00	-7.272727	20	PASS		
		NV	-20	-40000.00	-7.272727	20	PASS		
		NV	-10	-40000.00	-7.272727	20	PASS		
		NV	0	-20000.00	-3.636364	20	PASS		
		NV	10	-40000.00	-7.272727	20	PASS		
		NV	20	-20000.00	-3.636364	20	PASS		
		NV	30	-20000.00	-3.636364	20	PASS		
		NV	40	-40000.00	-7.272727	20	PASS		
Ant2	5500	NV	50	-40000.00	-7.272727	20	PASS		
		NV	-30	-40000.00	-7.272727	20	PASS		
		NV	-20	-40000.00	-7.272727	20	PASS		
		NV	-10	-40000.00	-7.272727	20	PASS		
		NV	0	-60000.00	-10.909091	20	PASS		
		NV	10	-40000.00	-7.272727	20	PASS		
		NV	20	-40000.00	-7.272727	20	PASS		
		NV	30	-40000.00	-7.272727	20	PASS		
Ant1	5580	NV	40	-40000.00	-7.272727	20	PASS		
		NV	50	-40000.00	-7.272727	20	PASS		
		NV	-30	-40000.00	-7.168459	20	PASS		
		NV	-20	-40000.00	-7.168459	20	PASS		
		NV	-10	-40000.00	-7.168459	20	PASS		
		NV	0	-40000.00	-7.168459	20	PASS		
		NV	10	-40000.00	-7.168459	20	PASS		
		NV	20	-60000.00	-10.752688	20	PASS		
Ant2	5580	NV	30	-40000.00	-7.168459	20	PASS		
		NV	40	-20000.00	-3.584229	20	PASS		
		NV	50	-40000.00	-7.168459	20	PASS		
		NV	-30	-20000.00	-3.584229	20	PASS		
		NV	-20	0.00	0.000000	20	PASS		
		NV	-10	0.00	0.000000	20	PASS		
		NV	0	-20000.00	-3.584229	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	-20000.00	-3.584229	20	PASS
		NV	50	-20000.00	-3.584229	20	PASS
Ant1	5700	NV	-30	-60000.00	-10.526316	20	PASS
		NV	-20	-60000.00	-10.526316	20	PASS
		NV	-10	-40000.00	-7.017544	20	PASS
		NV	0	-40000.00	-7.017544	20	PASS
		NV	10	-40000.00	-7.017544	20	PASS
		NV	20	-40000.00	-7.017544	20	PASS
		NV	30	-40000.00	-7.017544	20	PASS
		NV	40	-20000.00	-3.508772	20	PASS
		NV	50	-40000.00	-7.017544	20	PASS
Ant2	5700	NV	-30	-20000.00	-3.508772	20	PASS
		NV	-20	-20000.00	-3.508772	20	PASS
		NV	-10	-20000.00	-3.508772	20	PASS
		NV	0	0.00	0.000000	20	PASS
		NV	10	-20000.00	-3.508772	20	PASS
		NV	20	-20000.00	-3.508772	20	PASS
		NV	30	-20000.00	-3.508772	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	-60000.00	-10.443864	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	-60000.00	-10.443864	20	PASS
Ant2	5745	NV	-30	0.00	0.000000	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	-20000.00	-3.481288	20	PASS
		NV	20	-20000.00	-3.481288	20	PASS
		NV	30	-20000.00	-3.481288	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	-20000.00	-3.481288	20	PASS
Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
		NV	-20	-60000.00	-10.371651	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	-40000.00	-6.914434	20	PASS

			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.914434	20	PASS
			NV	0	-20000.00	-3.457217	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
	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	-60000.00	-10.300429	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	-20000.00	-3.433476	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	0.00	0.000000	20	PASS
			NV	50	-40000.00	-6.866953	20	PASS
	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	-20000.00	-3.861004	20	PASS
			NV	10	-60000.00	-11.583012	20	PASS
			NV	20	-60000.00	-11.583012	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
	Ant2	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	0.00	0.000000	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	-60000.00	-11.583012	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-20000.00	-3.846154	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

11N20MIM
O

		NV	40	-20000.00	-3.846154	20	PASS
		NV	50	-60000.00	-11.538462	20	PASS
Ant2	5200	NV	-30	0.00	0.000000	20	PASS
		NV	-20	-40000.00	-7.692308	20	PASS
		NV	-10	-60000.00	-11.538462	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	0.00	0.000000	20	PASS
		NV	40	-20000.00	-3.846154	20	PASS
		NV	50	-40000.00	-7.692308	20	PASS
		Ant1	5240	NV	-30	0.00	0.000000
NV	-20			-20000.00	-3.816794	20	PASS
NV	-10			-80000.00	-15.267176	20	PASS
NV	0			-20000.00	-3.816794	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			-20000.00	-3.816794	20	PASS
NV	50			0.00	0.000000	20	PASS
Ant2	5240			NV	-30	-20000.00	-3.816794
		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	-40000.00	-7.633588	20	PASS
		NV	20	-40000.00	-7.633588	20	PASS
		NV	30	-20000.00	-3.816794	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	-20000.00	-3.816794	20	PASS
		Ant1	5260	NV	-30	-40000.00	-7.604563
NV	-20			-40000.00	-7.604563	20	PASS
NV	-10			-40000.00	-7.604563	20	PASS
NV	0			-20000.00	-3.802281	20	PASS
NV	10			-40000.00	-7.604563	20	PASS
NV	20			-40000.00	-7.604563	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
Ant2	5260			NV	-30	-20000.00	-3.802281
		NV	-20	-20000.00	-3.802281	20	PASS
		NV	-10	-40000.00	-7.604563	20	PASS
		NV	0	-20000.00	-3.802281	20	PASS
		NV	10	-20000.00	-3.802281	20	PASS
		NV	20	-40000.00	-7.604563	20	PASS
		NV	30	-20000.00	-3.802281	20	PASS
		NV	40	-20000.00	-3.802281	20	PASS
		NV	50	-40000.00	-7.604563	20	PASS
		Ant1	5280	NV	-30	-40000.00	-7.575758
NV	-20			-20000.00	-3.787879	20	PASS
NV	-10			0.00	0.000000	20	PASS
NV	0			-60000.00	-11.363636	20	PASS

		NV	10	-40000.00	-7.575758	20	PASS
		NV	20	-20000.00	-3.787879	20	PASS
		NV	30	-40000.00	-7.575758	20	PASS
		NV	40	-20000.00	-3.787879	20	PASS
		NV	50	-20000.00	-3.787879	20	PASS
Ant2	5280	NV	-30	-20000.00	-3.787879	20	PASS
		NV	-20	20000.00	3.787879	20	PASS
		NV	-10	-40000.00	-7.575758	20	PASS
		NV	0	20000.00	3.787879	20	PASS
		NV	10	-40000.00	-7.575758	20	PASS
		NV	20	-20000.00	-3.787879	20	PASS
		NV	30	0.00	0.000000	20	PASS
		NV	40	0.00	0.000000	20	PASS
		NV	50	-40000.00	-7.575758	20	PASS
		Ant1	5320	NV	-30	-60000.00	-11.278195
NV	-20			-20000.00	-3.759398	20	PASS
NV	-10			-40000.00	-7.518797	20	PASS
NV	0			-20000.00	-3.759398	20	PASS
NV	10			-40000.00	-7.518797	20	PASS
NV	20			0.00	0.000000	20	PASS
NV	30			-40000.00	-7.518797	20	PASS
NV	40			-20000.00	-3.759398	20	PASS
Ant2	5320	NV	50	-20000.00	-3.759398	20	PASS
		NV	-30	0.00	0.000000	20	PASS
		NV	-20	-20000.00	-3.759398	20	PASS
		NV	-10	-40000.00	-7.518797	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	-40000.00	-7.518797	20	PASS
		NV	40	-40000.00	-7.518797	20	PASS
Ant1	5500	NV	50	-40000.00	-7.518797	20	PASS
		NV	-30	-20000.00	-3.636364	20	PASS
		NV	-20	-20000.00	-3.636364	20	PASS
		NV	-10	-40000.00	-7.272727	20	PASS
		NV	0	-20000.00	-3.636364	20	PASS
		NV	10	-20000.00	-3.636364	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	30	-40000.00	-7.272727	20	PASS
		NV	40	-20000.00	-3.636364	20	PASS
Ant2	5500	NV	50	-20000.00	-3.636364	20	PASS
		NV	-30	-40000.00	-7.272727	20	PASS
		NV	-20	-20000.00	-3.636364	20	PASS
		NV	-10	-40000.00	-7.272727	20	PASS
		NV	0	20000.00	3.636364	20	PASS
		NV	10	-40000.00	-7.272727	20	PASS
		NV	20	-20000.00	-3.636364	20	PASS
		NV	30	-20000.00	-3.636364	20	PASS
Ant1	5580	NV	40	0.00	0.000000	20	PASS
		NV	50	-40000.00	-7.272727	20	PASS
		NV	-30	-40000.00	-7.168459	20	PASS

		NV	-20	-40000.00	-7.168459	20	PASS
		NV	-10	-20000.00	-3.584229	20	PASS
		NV	0	-20000.00	-3.584229	20	PASS
		NV	10	-40000.00	-7.168459	20	PASS
		NV	20	-20000.00	-3.584229	20	PASS
		NV	30	-20000.00	-3.584229	20	PASS
		NV	40	-20000.00	-3.584229	20	PASS
		NV	50	-40000.00	-7.168459	20	PASS
Ant2	5580	NV	-30	-20000.00	-3.584229	20	PASS
		NV	-20	-40000.00	-7.168459	20	PASS
		NV	-10	0.00	0.000000	20	PASS
		NV	0	-40000.00	-7.168459	20	PASS
		NV	10	-40000.00	-7.168459	20	PASS
		NV	20	-40000.00	-7.168459	20	PASS
		NV	30	-40000.00	-7.168459	20	PASS
		NV	40	-40000.00	-7.168459	20	PASS
		NV	50	-40000.00	-7.168459	20	PASS
Ant1	5700	NV	-30	-20000.00	-3.508772	20	PASS
		NV	-20	-60000.00	-10.526316	20	PASS
		NV	-10	-20000.00	-3.508772	20	PASS
		NV	0	-40000.00	-7.017544	20	PASS
		NV	10	-40000.00	-7.017544	20	PASS
		NV	20	-20000.00	-3.508772	20	PASS
		NV	30	-20000.00	-3.508772	20	PASS
		NV	40	-20000.00	-3.508772	20	PASS
		NV	50	-40000.00	-7.017544	20	PASS
Ant2	5700	NV	-30	-20000.00	-3.508772	20	PASS
		NV	-20	20000.00	3.508772	20	PASS
		NV	-10	0.00	0.000000	20	PASS
		NV	0	-40000.00	-7.017544	20	PASS
		NV	10	0.00	0.000000	20	PASS
		NV	20	20000.00	3.508772	20	PASS
		NV	30	-60000.00	-10.526316	20	PASS
		NV	40	-40000.00	-7.017544	20	PASS
		NV	50	-20000.00	-3.508772	20	PASS
Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
		NV	-20	-20000.00	-3.481288	20	PASS
		NV	-10	-40000.00	-6.962576	20	PASS
		NV	0	-60000.00	-10.443864	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	-20000.00	-3.481288	20	PASS
		NV	-10	-40000.00	-6.962576	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

11N40MIM O	Ant1	5785	NV	40	-20000.00	-3.481288	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS
			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	-20000.00	-3.457217	20	PASS
	Ant2	5785	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-6.914434	20	PASS
			NV	-10	-60000.00	-10.371651	20	PASS
			NV	0	-60000.00	-10.371651	20	PASS
			NV	10	-60000.00	-10.371651	20	PASS
			NV	20	-40000.00	-6.914434	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.457217	20	PASS
			NV	50	-20000.00	-3.457217	20	PASS
			Ant1	5825	NV	-30	-20000.00	-3.433476
	NV	-20			-60000.00	-10.300429	20	PASS
	NV	-10			-20000.00	-3.433476	20	PASS
	NV	0			-20000.00	-3.433476	20	PASS
	NV	10			-20000.00	-3.433476	20	PASS
	NV	20			-40000.00	-6.866953	20	PASS
	NV	30			-20000.00	-3.433476	20	PASS
	NV	40			-20000.00	-3.433476	20	PASS
	NV	50			-20000.00	-3.433476	20	PASS
	Ant2	5825			NV	-30	-40000.00	-6.866953
			NV	-20	-40000.00	-6.866953	20	PASS
NV			-10	-40000.00	-6.866953	20	PASS	
NV			0	0.00	0.000000	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	-60000.00	-10.300429	20	PASS	
NV			50	-20000.00	-3.433476	20	PASS	
Ant1			5190	NV	-30	0.00	0.000000	20
	NV	-20		0.00	0.000000	20	PASS	
	NV	-10		-40000.00	-7.707129	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		-40000.00	-7.707129	20	PASS	
	NV	40		0.00	0.000000	20	PASS	
	NV	50		0.00	0.000000	20	PASS	
	Ant2	5190		NV	-30	-40000.00	-7.707129	20
NV			-20	-80000.00	-15.414258	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	-80160.33	-15.445149	20	PASS
		NV	50	-80160.33	-15.445149	20	PASS
Ant1	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
		NV	50	0.00	0.000000	20	PASS
		Ant2	5230	NV	-30	80160.32	15.327021
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			-80160.33	-15.327022	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	5270	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	5270	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	80160.32	15.210687	20	PASS
		NV	20	0.00	0.000000	20	PASS
		NV	30	-80160.33	-15.210688	20	PASS
		NV	40	-80160.33	-15.210688	20	PASS
Ant1	5310	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	80160.33	15.096106	20	PASS
		NV	50	0.00	0.000000	20	PASS
Ant2	5310	NV	-30	0.00	0.000000	20	PASS