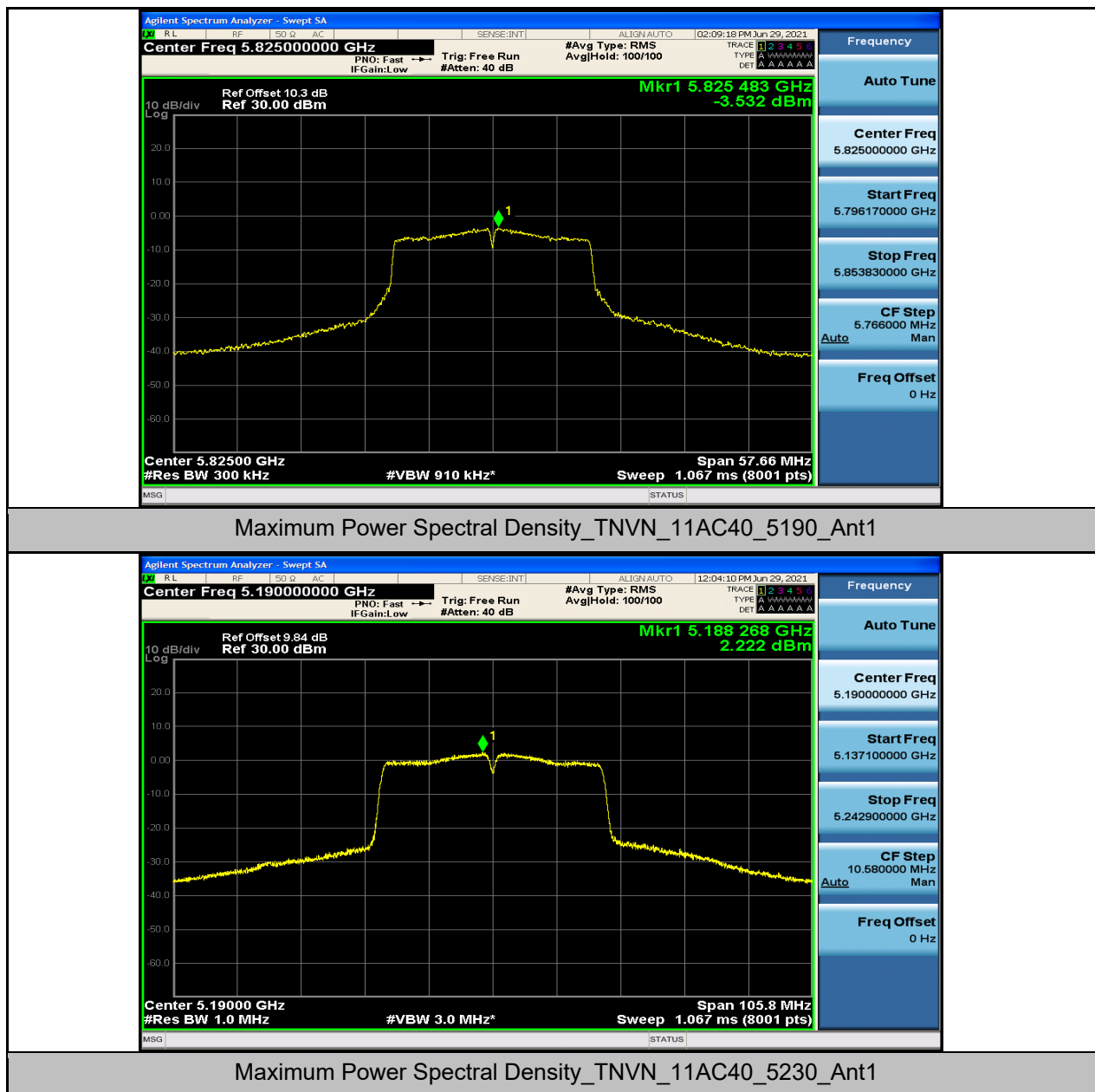




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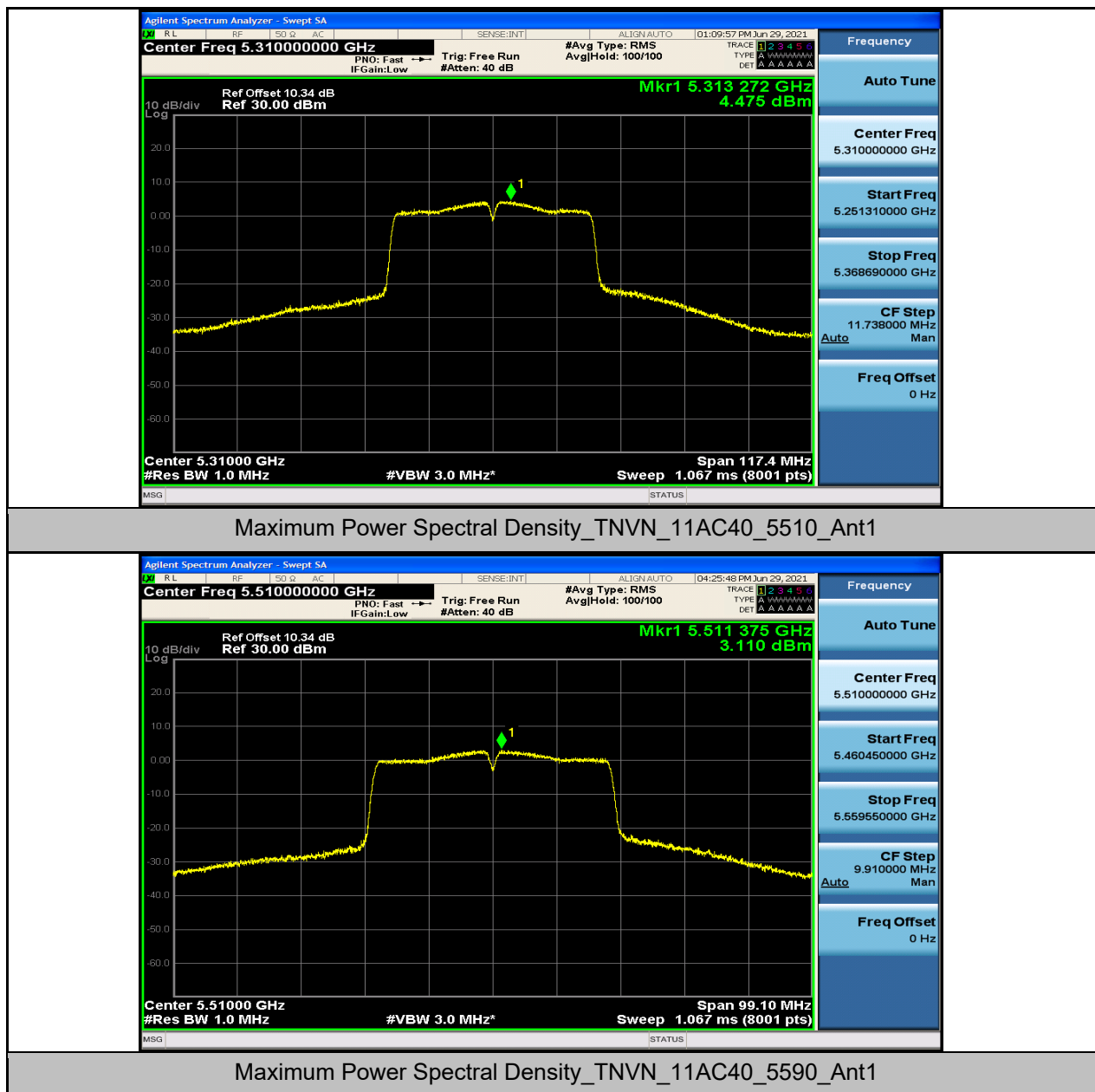


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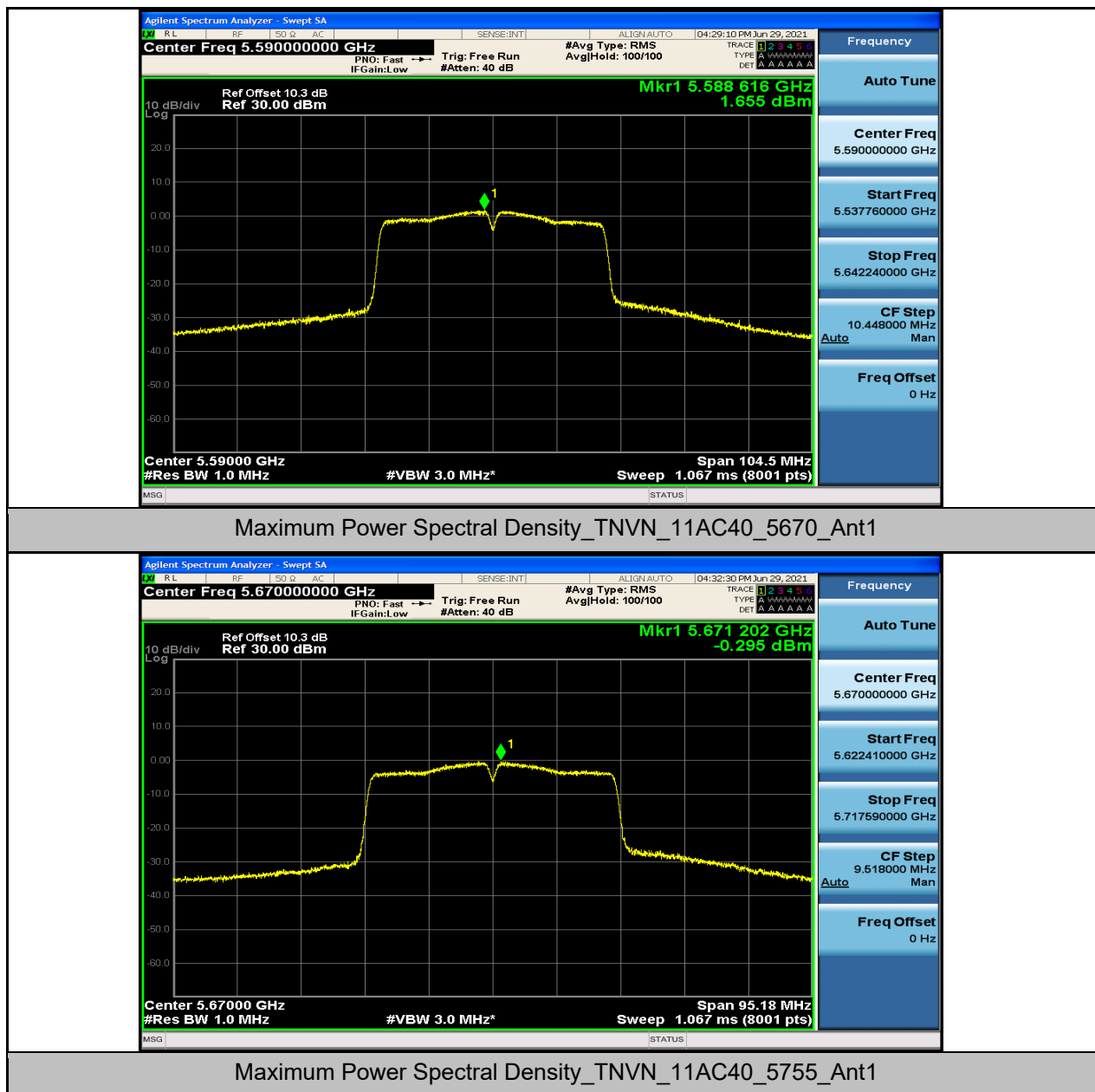


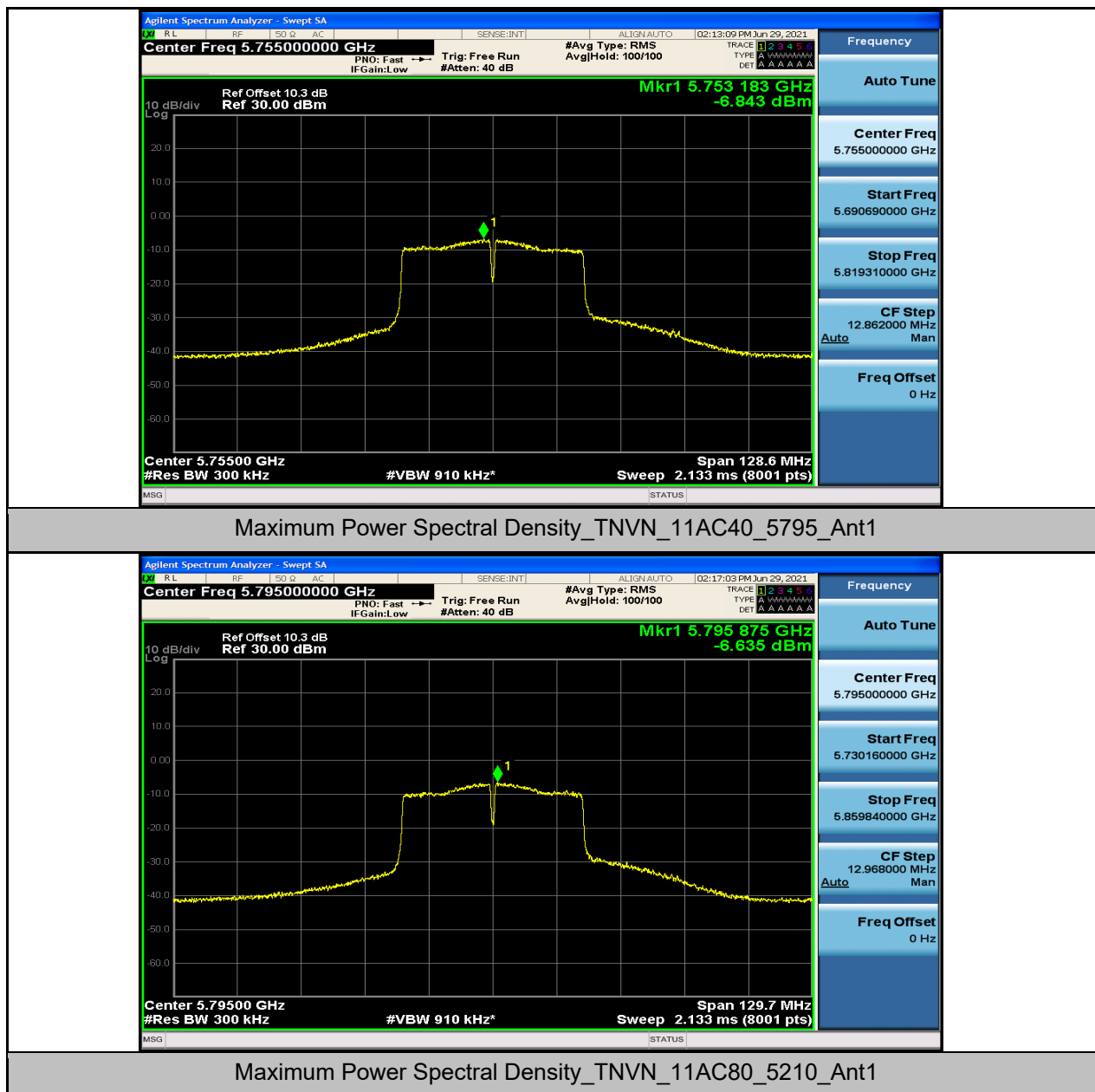
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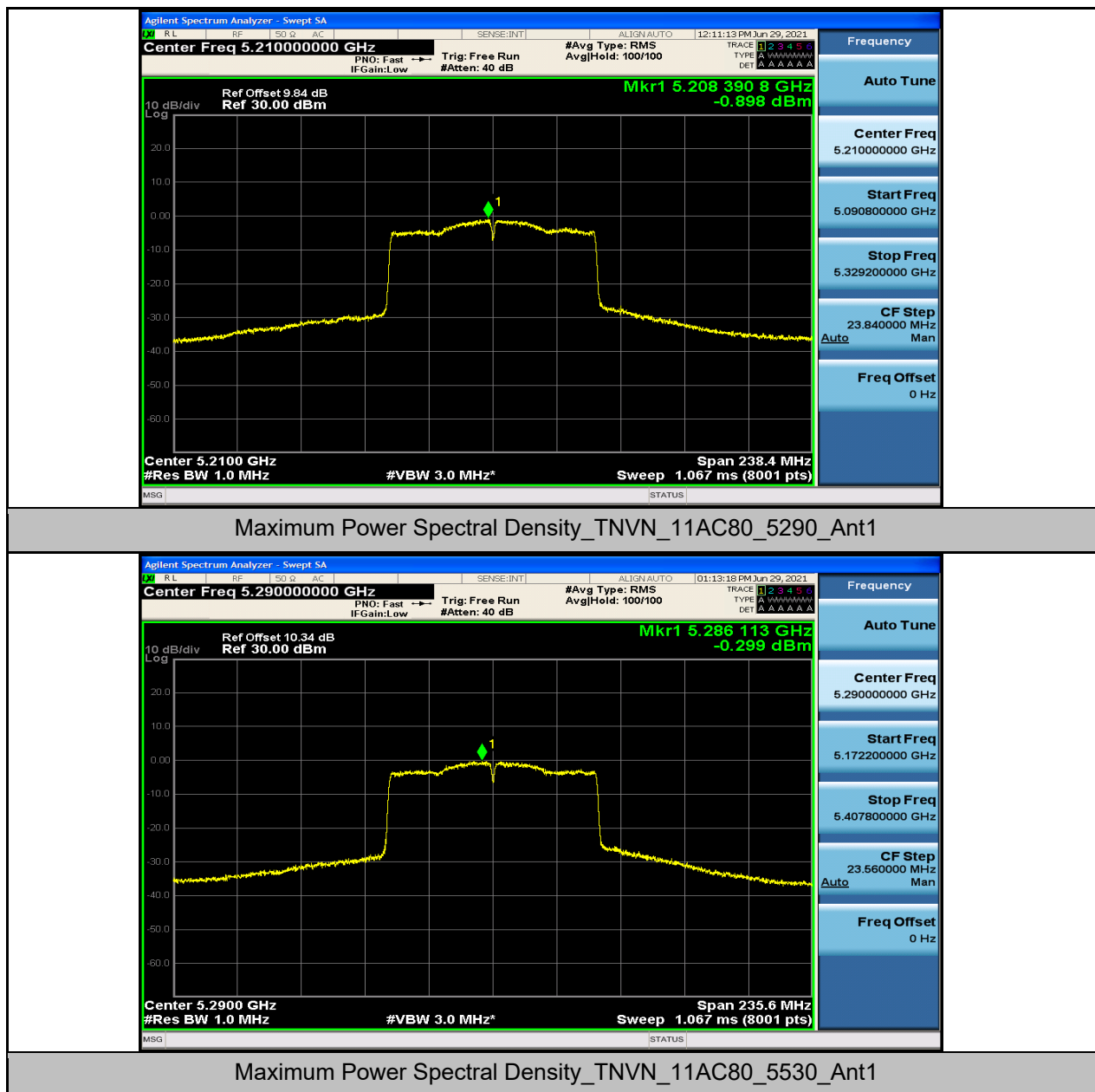
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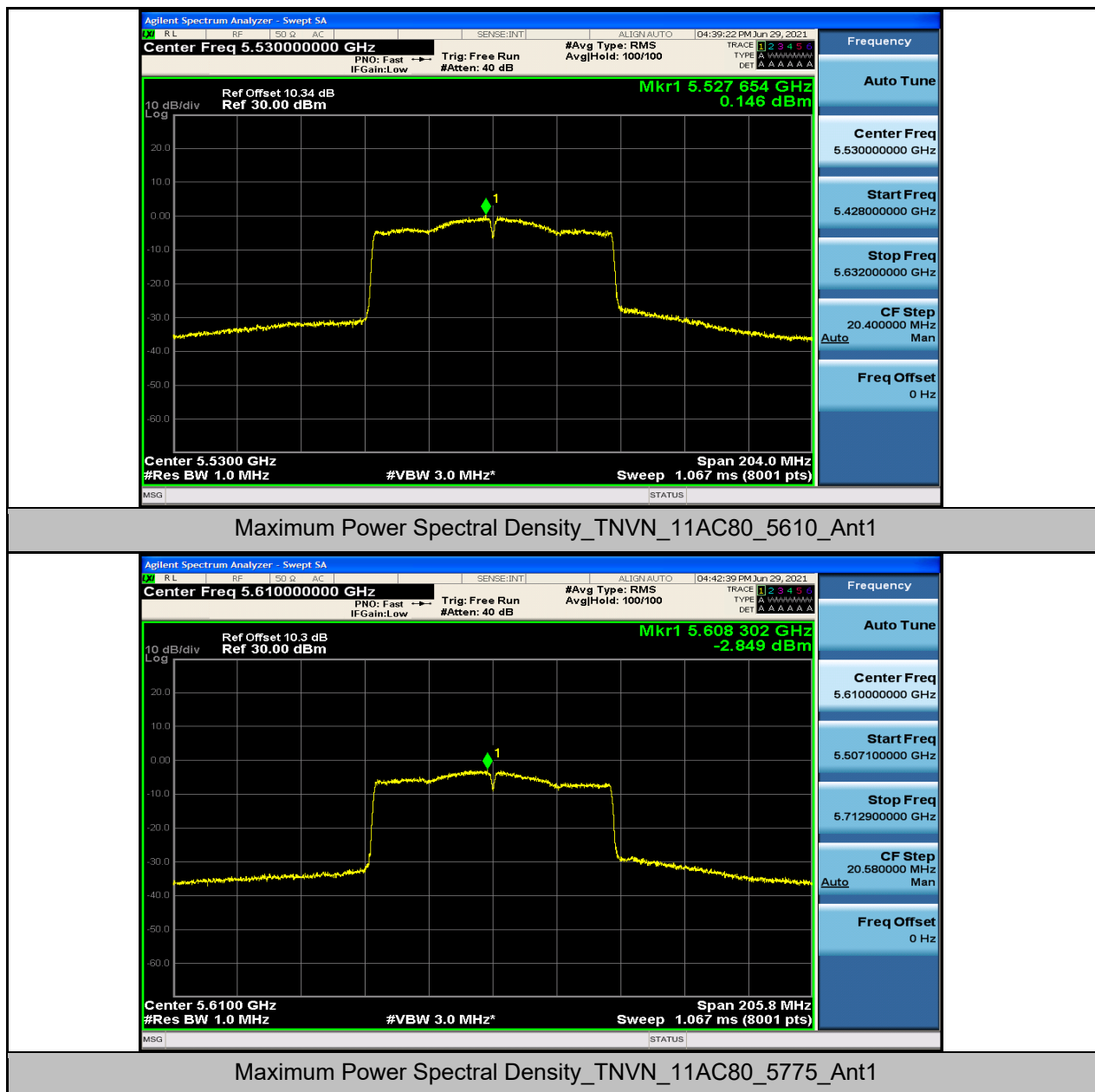


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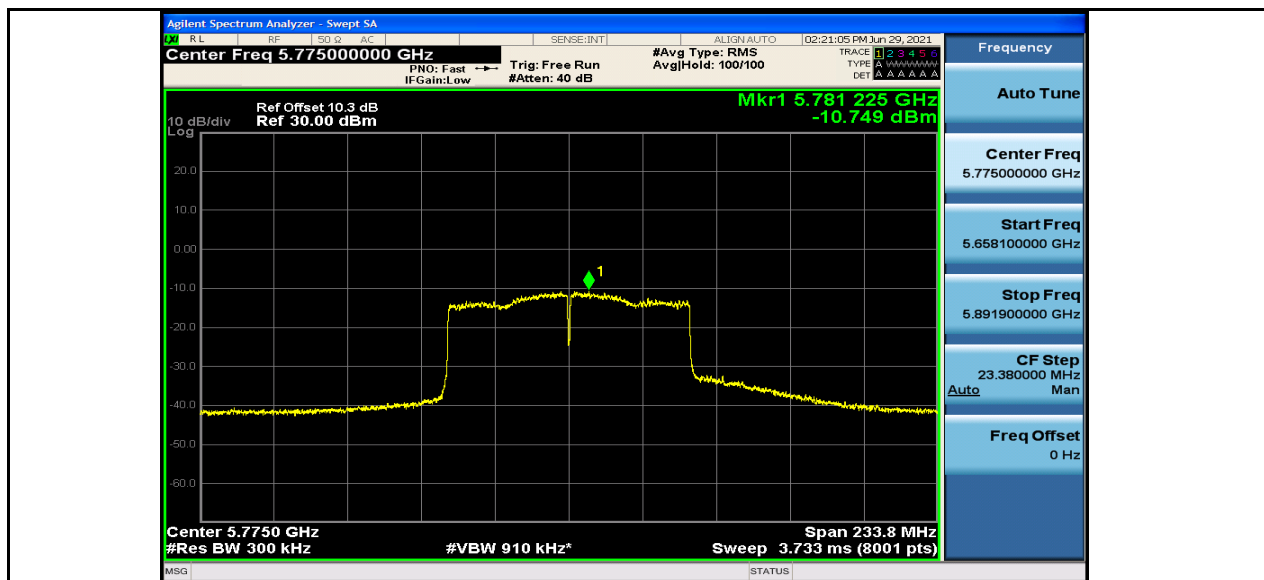
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6.Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT1	ANT1		
Band U-NII 1	Normal(120)	Extreme(-20)	5180	5180.0232	0.0232	5.15-5.25	Pass
		Extreme(-10)		5180.0396	0.0396		Pass
		Extreme(0)		5180.0545	0.0545		Pass
		Extreme(+10)		5180.0335	0.0335		Pass
		Extreme(+20)		5180.0385	0.0385		Pass
		Extreme(+30)		5180.0430	0.0430		Pass
		Extreme(+40)		5180.0375	0.0375		Pass
		Extreme(+55)		5180.0582	0.0582		Pass
	Extreme(102)	Norma(+20)	5180.0318	0.0318	Pass		
	Extreme(138)		5180.0477	0.0477	Pass		
	Normal(120)	5240	Extreme(-20)	5240.0428	0.0428		Pass
			Extreme(-10)	5240.0435	0.0435		Pass
			Extreme(0)	5240.0485	0.0485		Pass
			Extreme(+10)	5240.0372	0.0372		Pass
			Extreme(+20)	5240.0418	0.0418		Pass
			Extreme(+30)	5240.0370	0.0370		Pass
			Extreme(+40)	5240.0326	0.0326		Pass
			Extreme(+55)	5240.0555	0.0555		Pass
	Extreme(102)	Norma(20)	5240.0482	0.0482	Pass		
	Extreme(138)		5240.0426	0.0426	Pass		

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT1	ANT1		
Band U-NII 2A	Normal(120)	Extreme(-20)	5260	5260.0575	0.0575	5.15-5.25	Pass
		Extreme(-10)		5260.0495	0.0495		Pass
		Extreme(0)		5260.0638	0.0638		Pass
		Extreme(+10)		5260.0540	0.0540		Pass
		Extreme(+20)		5260.0655	0.0655		Pass
		Extreme(+30)		5260.0675	0.0675		Pass
		Extreme(+40)		5260.0618	0.0618		Pass
		Extreme(+55)		5260.0509	0.0509		Pass
	Extreme(102)	Norma(+20)	5320	5260.0695	0.0695		Pass
	Extreme(138)			5260.0555	0.0555		Pass
	Normal(120)	Extreme(-20)		5320.0672	0.0672		Pass
		Extreme(-10)		5320.0638	0.0638		Pass
		Extreme(0)		5320.0527	0.0527		Pass
		Extreme(+10)		5320.0706	0.0706		Pass
		Extreme(+20)		5320.0518	0.0518		Pass
		Extreme(+30)		5320.0476	0.0476		Pass
		Extreme(+40)		5320.0592	0.0592		Pass
		Extreme(+55)		5320.0627	0.0627		Pass
	Extreme(102)	Norma(20)		5320.0645	0.0645		Pass
	Extreme(138)			5320.0609	0.0609		Pass



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Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result	
	Volt (V AC)	Temp (°C)		ANT1	ANT1			
Band U-NII 2C	Normal(120)	Extreme(-20)	5500	5500.0195	0.0195	5.15-5.25	Pass	
		Extreme(-10)		5500.0206	0.0206		Pass	
		Extreme(0)		5500.0225	0.0225		Pass	
		Extreme(+10)		5500.0255	0.0255		Pass	
		Extreme(+20)		5500.0362	0.0362		Pass	
		Extreme(+30)		5500.0179	0.0179		Pass	
		Extreme(+40)		5500.0188	0.0188		Pass	
		Extreme(+55)		5500.0255	0.0255		Pass	
	Extreme(102)	Norma(+20)	5700	5500.0322	0.0322		Pass	
	Extreme(138)			5500.0195	0.0195		Pass	
	Normal(120)	Extreme(-20)		5700.0135	0.0135		Pass	
		Extreme(-10)		5700.0275	0.0275		Pass	
		Extreme(0)		5700.0245	0.0245		Pass	
		Extreme(+10)		5700.0175	0.0175		Pass	
		Extreme(+20)		5700.0255	0.0255		Pass	
		Extreme(+30)		5700.0168	0.0168		Pass	
		Extreme(+40)		5700.0125	0.0125		Pass	
		Extreme(+55)		5700.0215	0.0215		Pass	
	Extreme(102)	Norma(20)		5700.0246	0.0246		Pass	
	Extreme(138)			5700.0158	0.0158		Pass	
Band	Test Conditions			Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)			ANT1	ANT1		
Band U-NII 3	Normal(120)	Extreme(-20)		5745	5745.0485	0.0485	5.725-5.85	Pass
		Extreme(-10)			5745.0455	0.0455		Pass
		Extreme(0)			5745.0415	0.0415		Pass
		Extreme(+10)			5745.0326	0.0326		Pass
		Extreme(+20)			5745.0355	0.0355		Pass
		Extreme(+30)			5745.0514	0.0514		Pass
		Extreme(+40)	5745.0435		0.0435	Pass		
		Extreme(+55)	5745.0405		0.0405	Pass		
	Extreme(102)	Norma(+20)	5825	5745.0472	0.0472	Pass		
	Extreme(138)			5745.0535	0.0535	Pass		
	Normal(120)	Extreme(-20)		5825.0555	0.0555	Pass		
		Extreme(-10)		5825.0519	0.0519	Pass		
		Extreme(0)		5825.0396	0.0396	Pass		
		Extreme(+10)		5825.0388	0.0388	Pass		
		Extreme(+20)		5825.0384	0.0384	Pass		
		Extreme(+30)		5825.0435	0.0435	Pass		
		Extreme(+40)		5825.0315	0.0315	Pass		
		Extreme(+55)		5825.0395	0.0395	Pass		
	Extreme(102)	Norma(20)		5825.0575	0.0575	Pass		
	Extreme(138)			5825.0386	0.0386	Pass		



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Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

7. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	96.83	0.14
11A	5220	Ant1	96.65	0.15
11A	5240	Ant1	96.83	0.14
11A	5260	Ant1	96.83	0.14
11A	5280	Ant1	96.83	0.14
11A	5320	Ant1	96.83	0.14
11A	5500	Ant1	96.65	0.15
11A	5600	Ant1	96.65	0.15
11A	5700	Ant1	96.65	0.15
11A	5745	Ant1	96.65	0.15
11A	5785	Ant1	96.65	0.15
11A	5825	Ant1	96.65	0.15
11N20	5180	Ant1	96.44	0.16
11N20	5220	Ant1	96.62	0.15
11N20	5240	Ant1	96.44	0.16
11N20	5260	Ant1	96.62	0.15
11N20	5280	Ant1	96.44	0.16
11N20	5320	Ant1	96.44	0.16
11N20	5500	Ant1	96.44	0.16
11N20	5600	Ant1	96.62	0.15
11N20	5700	Ant1	96.62	0.15
11N20	5745	Ant1	96.62	0.15
11N20	5785	Ant1	96.44	0.16
11N20	5825	Ant1	96.62	0.15
11N40	5190	Ant1	93.01	0.31
11N40	5230	Ant1	93.38	0.30
11N40	5270	Ant1	93.01	0.31
11N40	5310	Ant1	93.04	0.31
11N40	5510	Ant1	93.04	0.31



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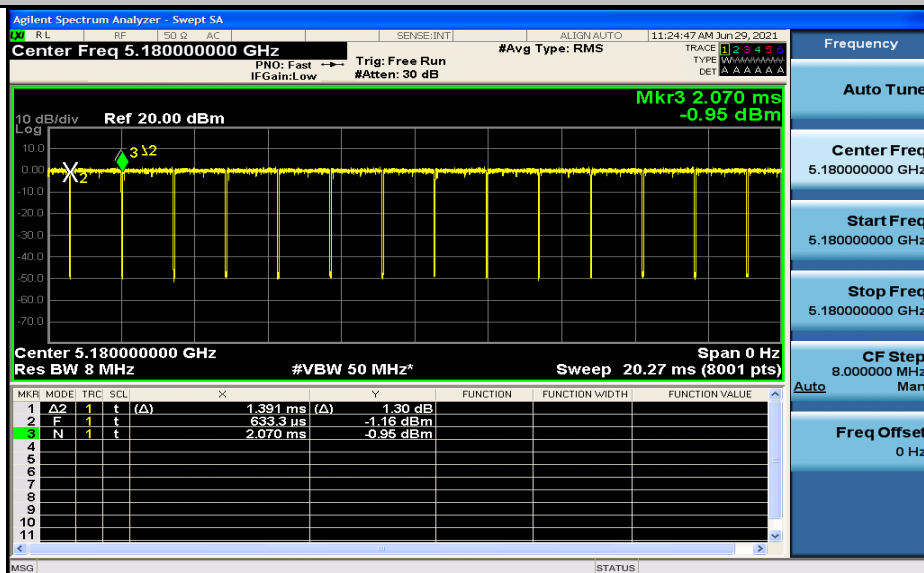
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11N40	5670	Ant1	93.01	0.31
11N40	5755	Ant1	93.38	0.30
11N40	5795	Ant1	93.38	0.30
11AC20	5180	Ant1	96.46	0.16
11AC20	5220	Ant1	96.64	0.15
11AC20	5240	Ant1	96.64	0.15
11AC20	5260	Ant1	96.46	0.16
11AC20	5280	Ant1	96.64	0.15
11AC20	5320	Ant1	96.46	0.16
11AC20	5500	Ant1	96.46	0.16
11AC20	5600	Ant1	96.46	0.16
11AC20	5700	Ant1	96.46	0.16
11AC20	5745	Ant1	96.46	0.16
11AC20	5785	Ant1	96.46	0.16
11AC20	5825	Ant1	96.46	0.16
11AC40	5190	Ant1	93.09	0.31
11AC40	5230	Ant1	93.45	0.29
11AC40	5270	Ant1	93.45	0.29
11AC40	5310	Ant1	93.45	0.29
11AC40	5510	Ant1	93.45	0.29
11AC40	5590	Ant1	93.45	0.29
11AC40	5670	Ant1	93.12	0.31
11AC40	5755	Ant1	93.45	0.29
11AC40	5795	Ant1	93.45	0.29
11AC80	5210	Ant1	87.50	0.58
11AC80	5290	Ant1	87.50	0.58
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11AC80	5610	Ant1	87.50	0.58
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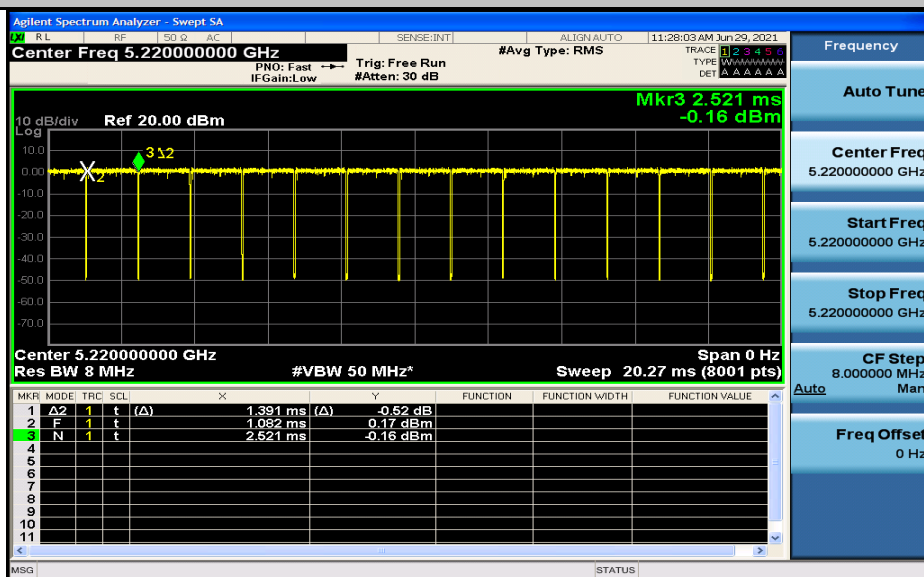
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Duty Cycle_11A_5220_Ant1



Duty Cycle_11A_5240_Ant1



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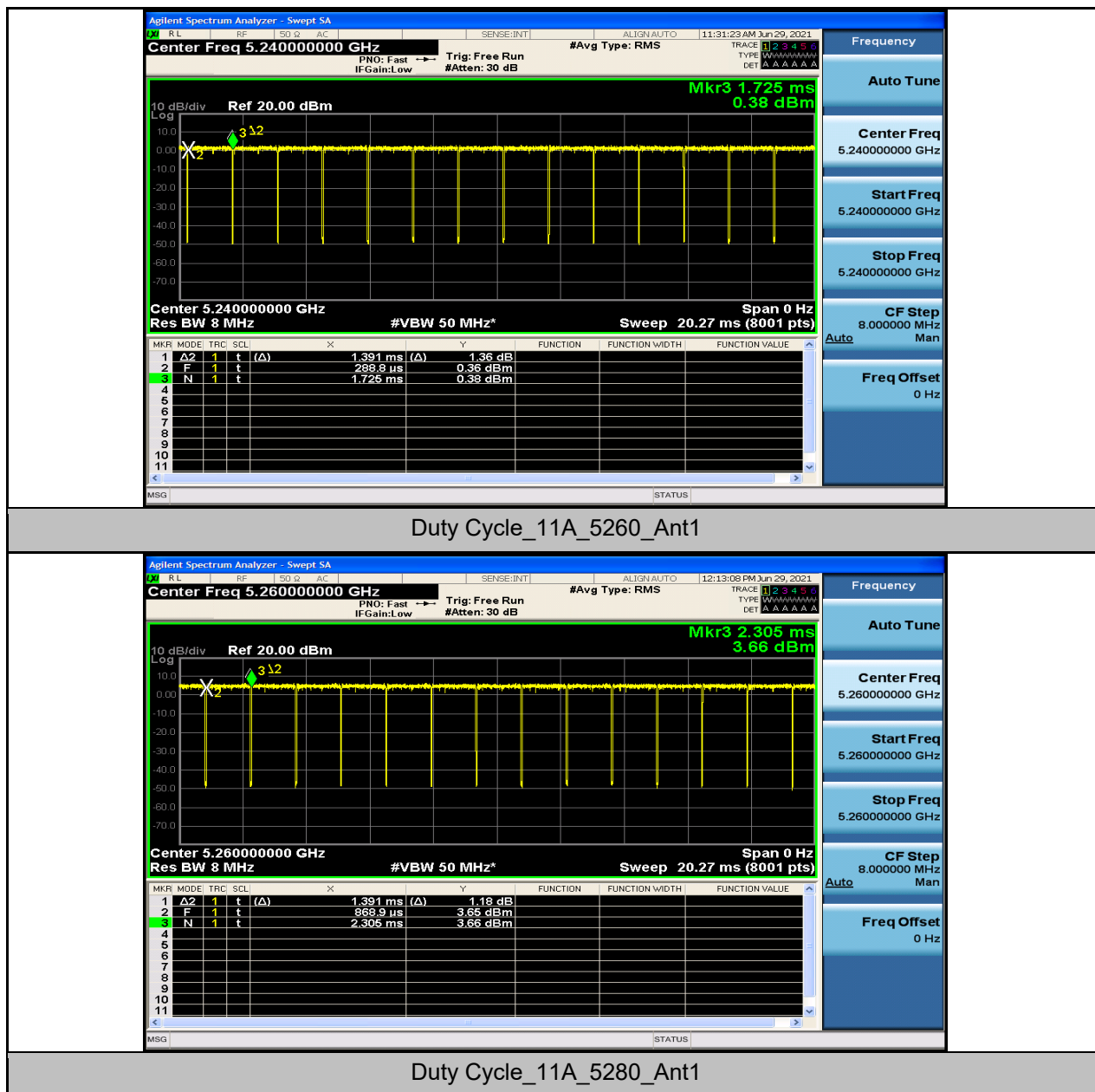
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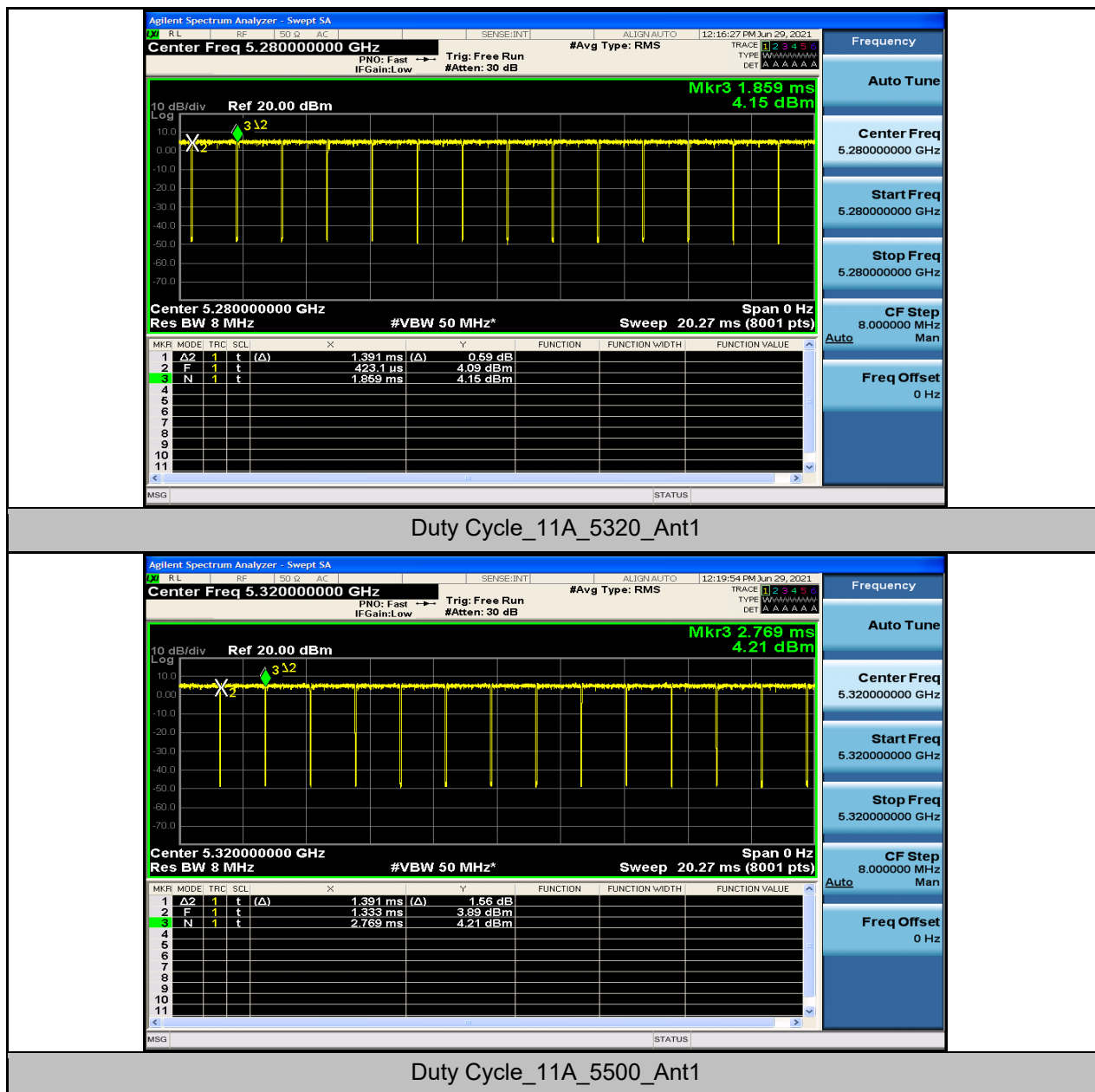


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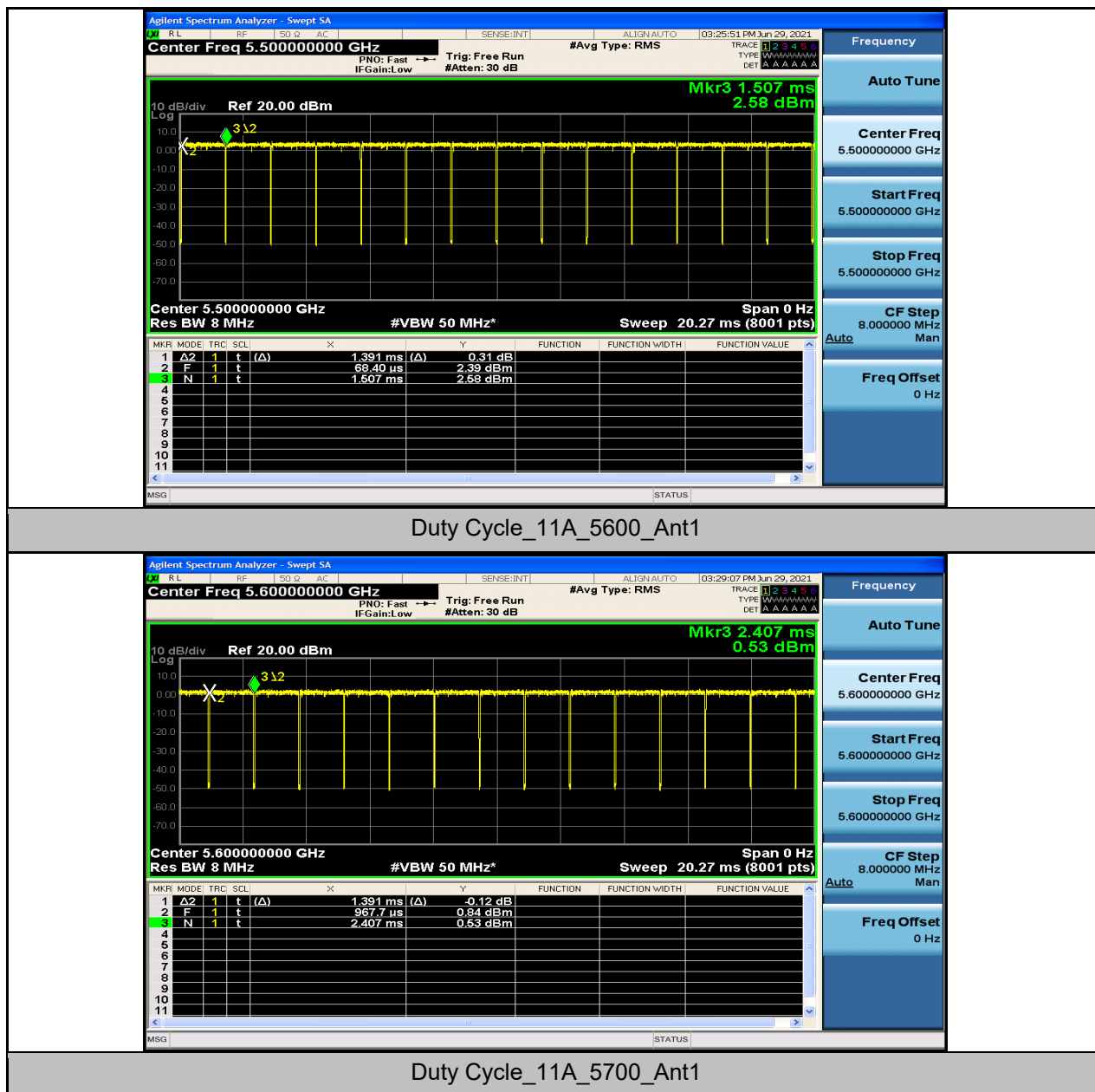


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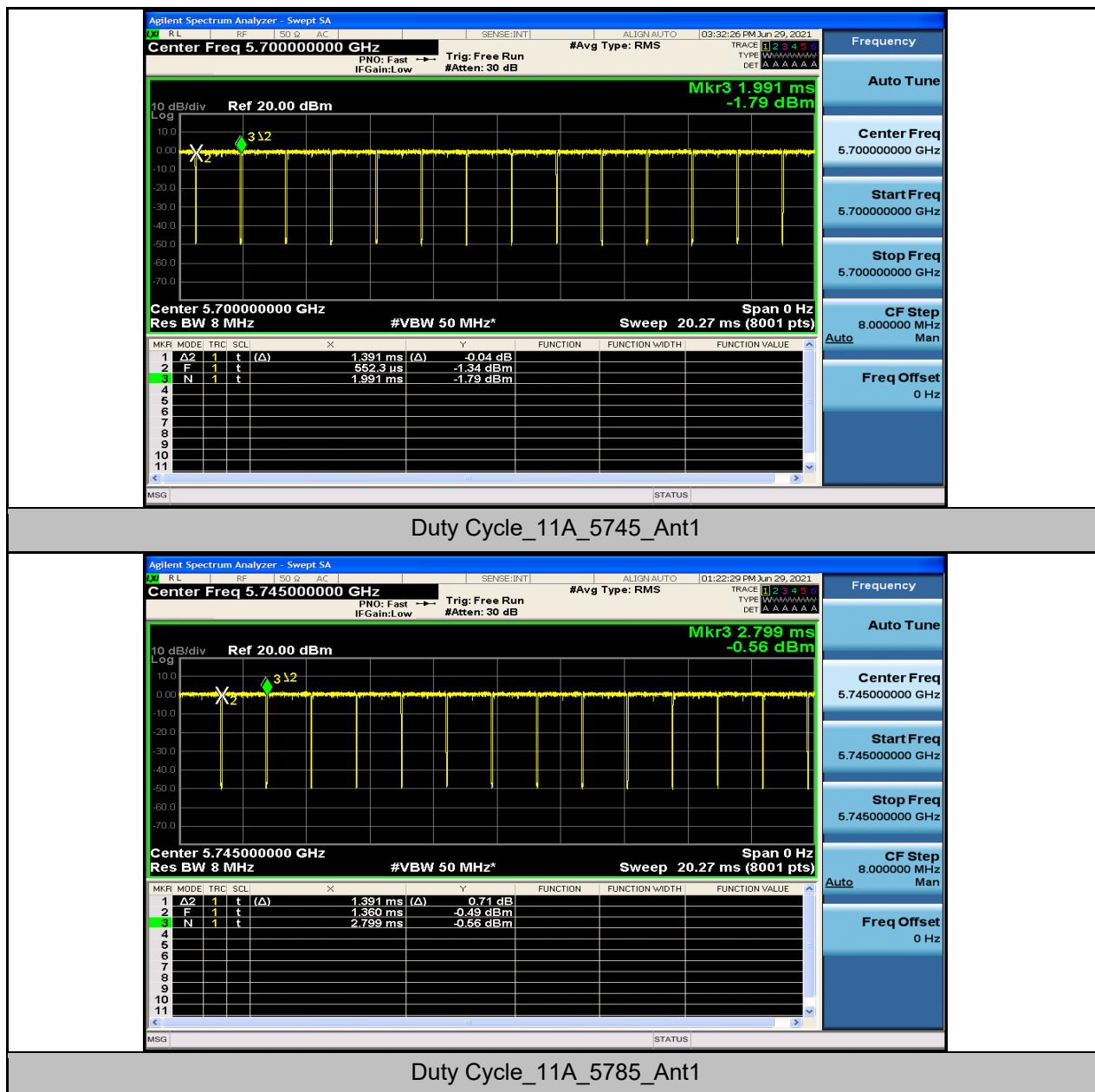
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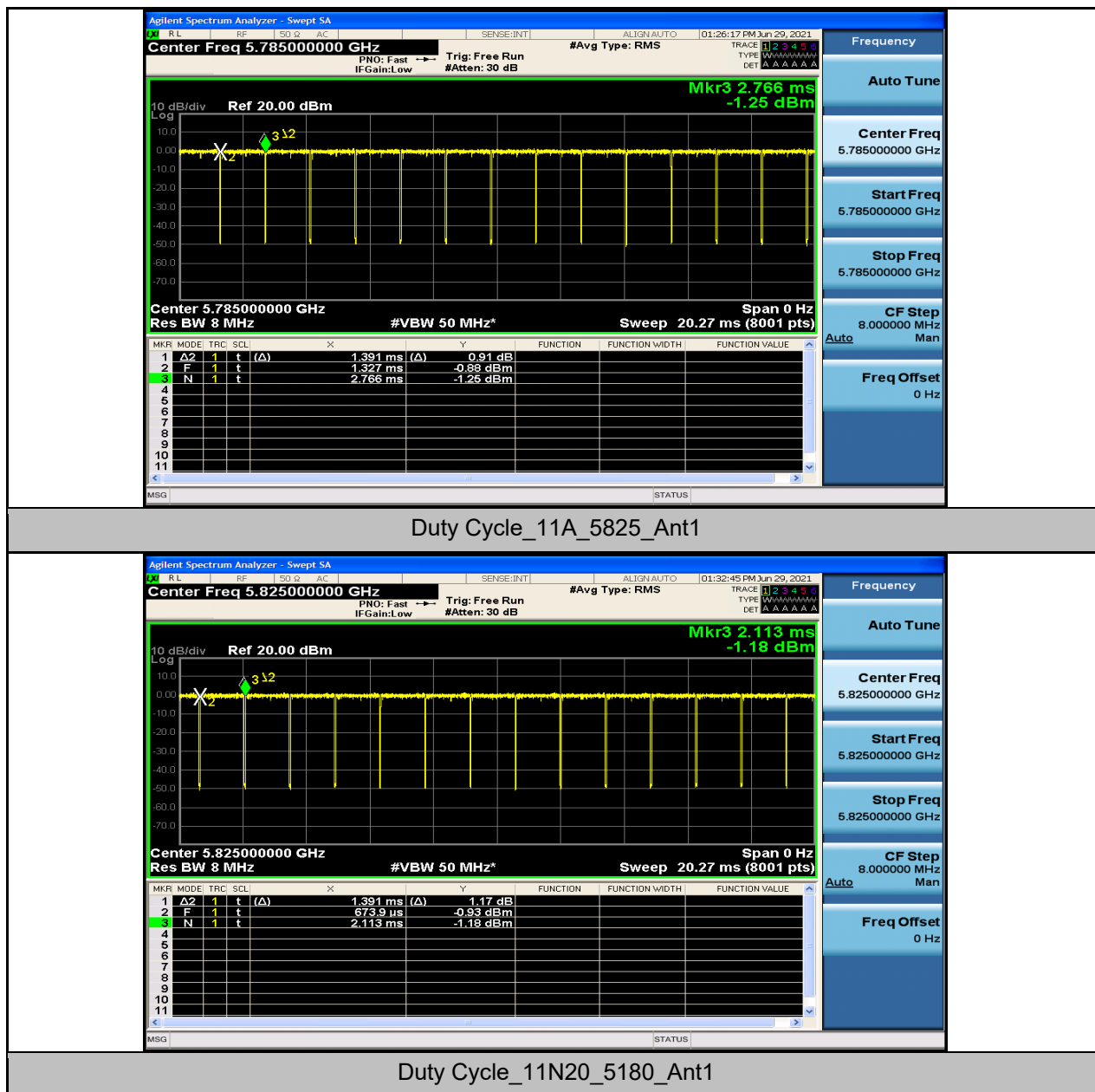


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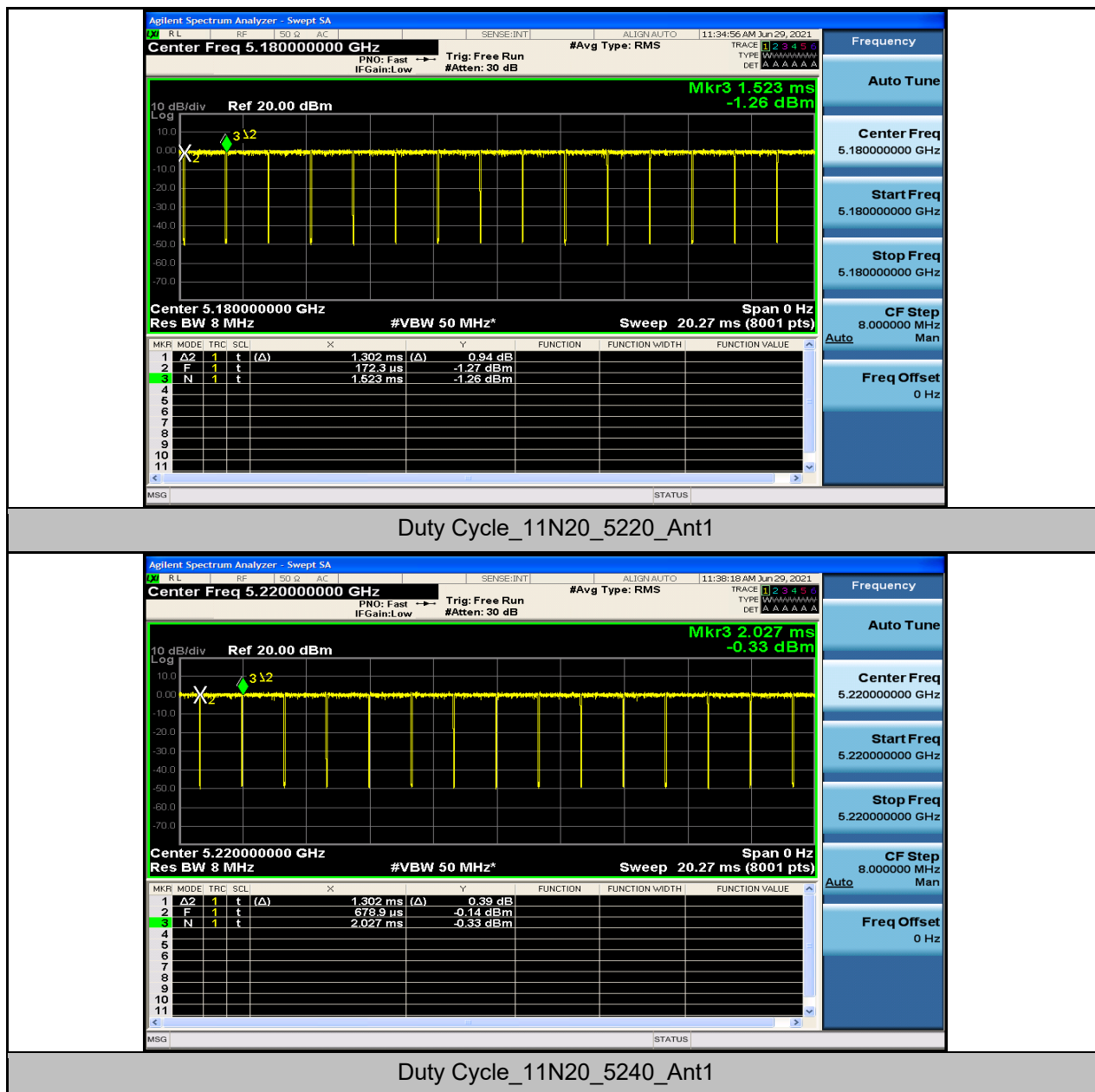


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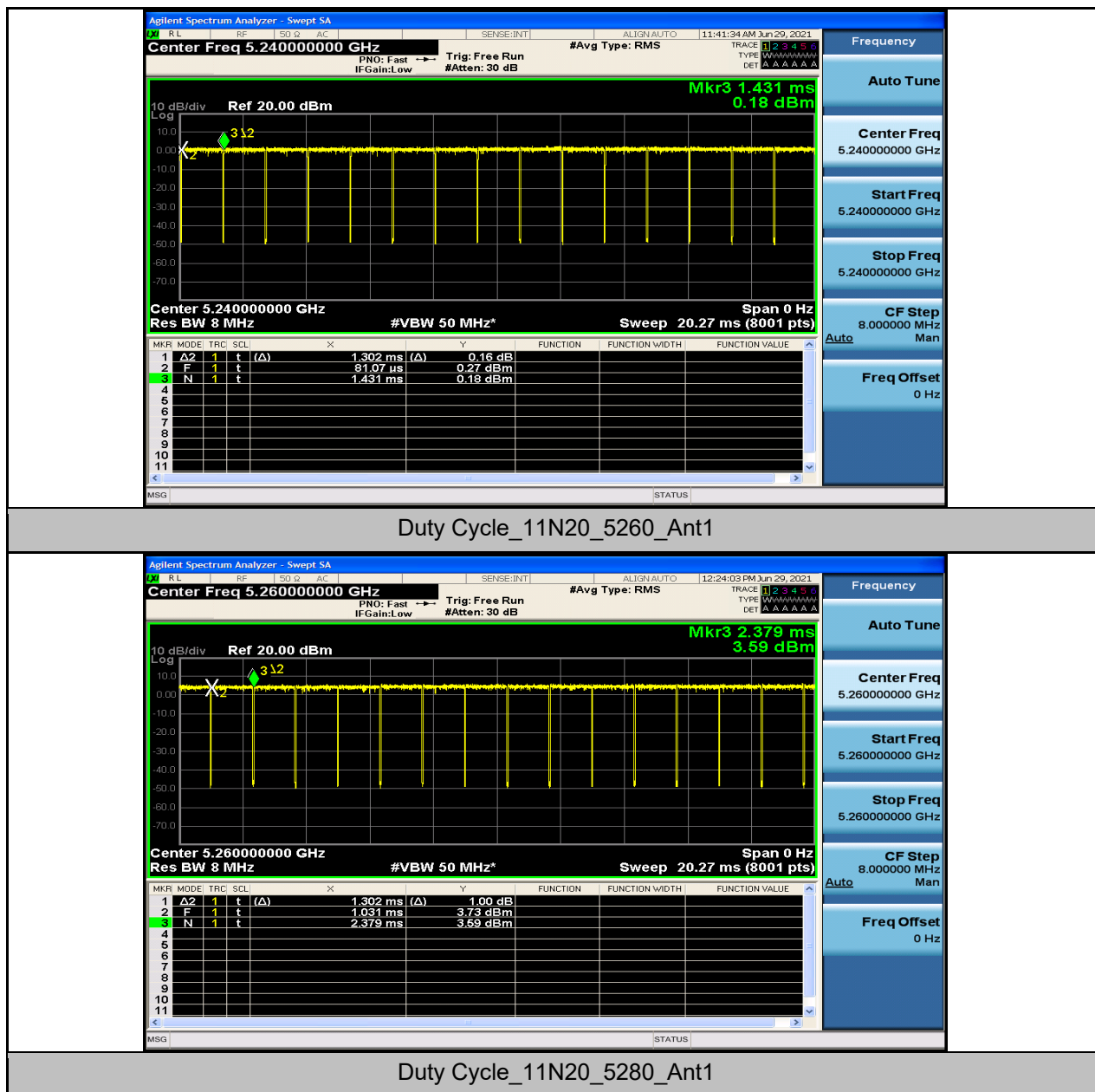


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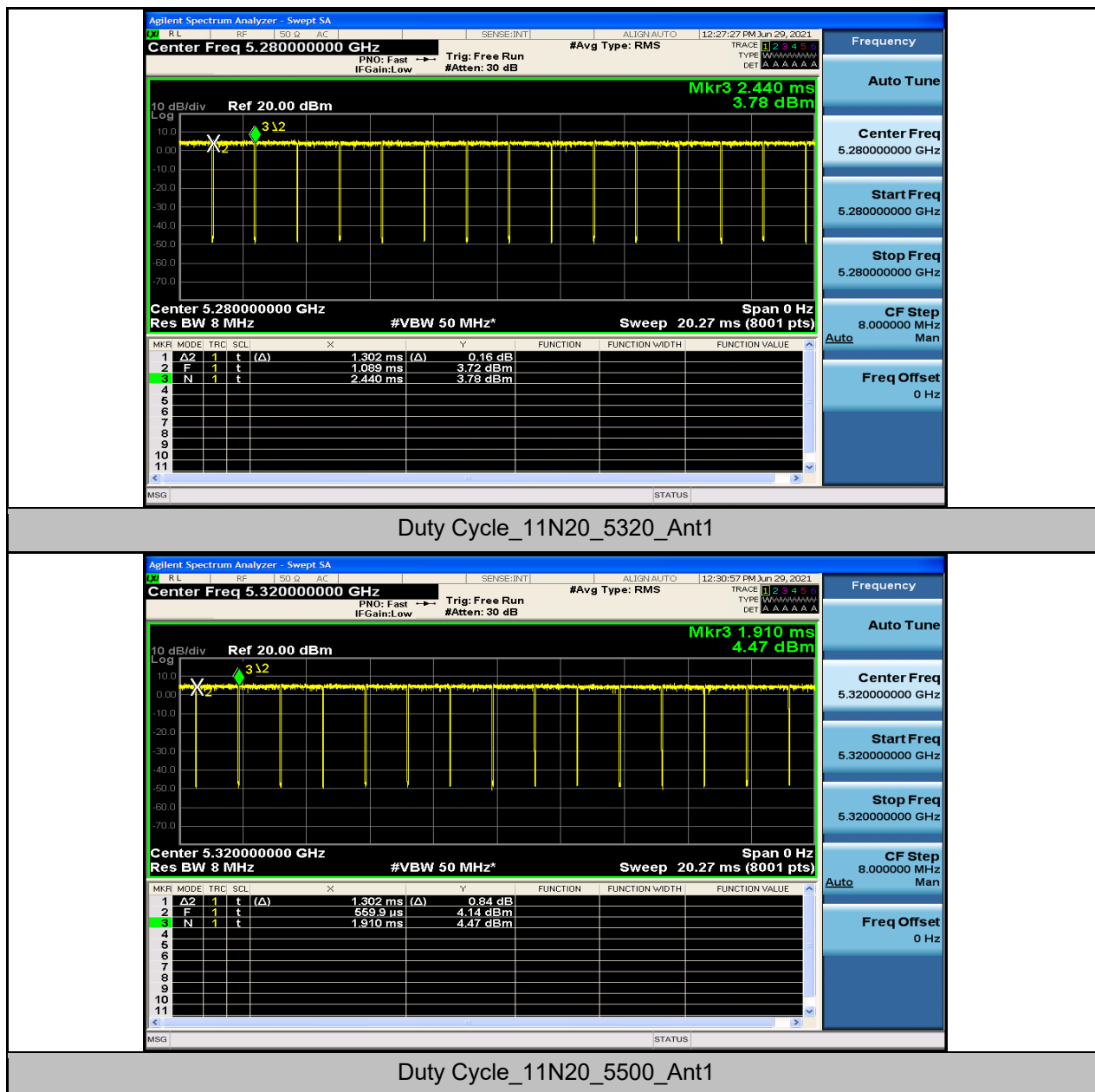
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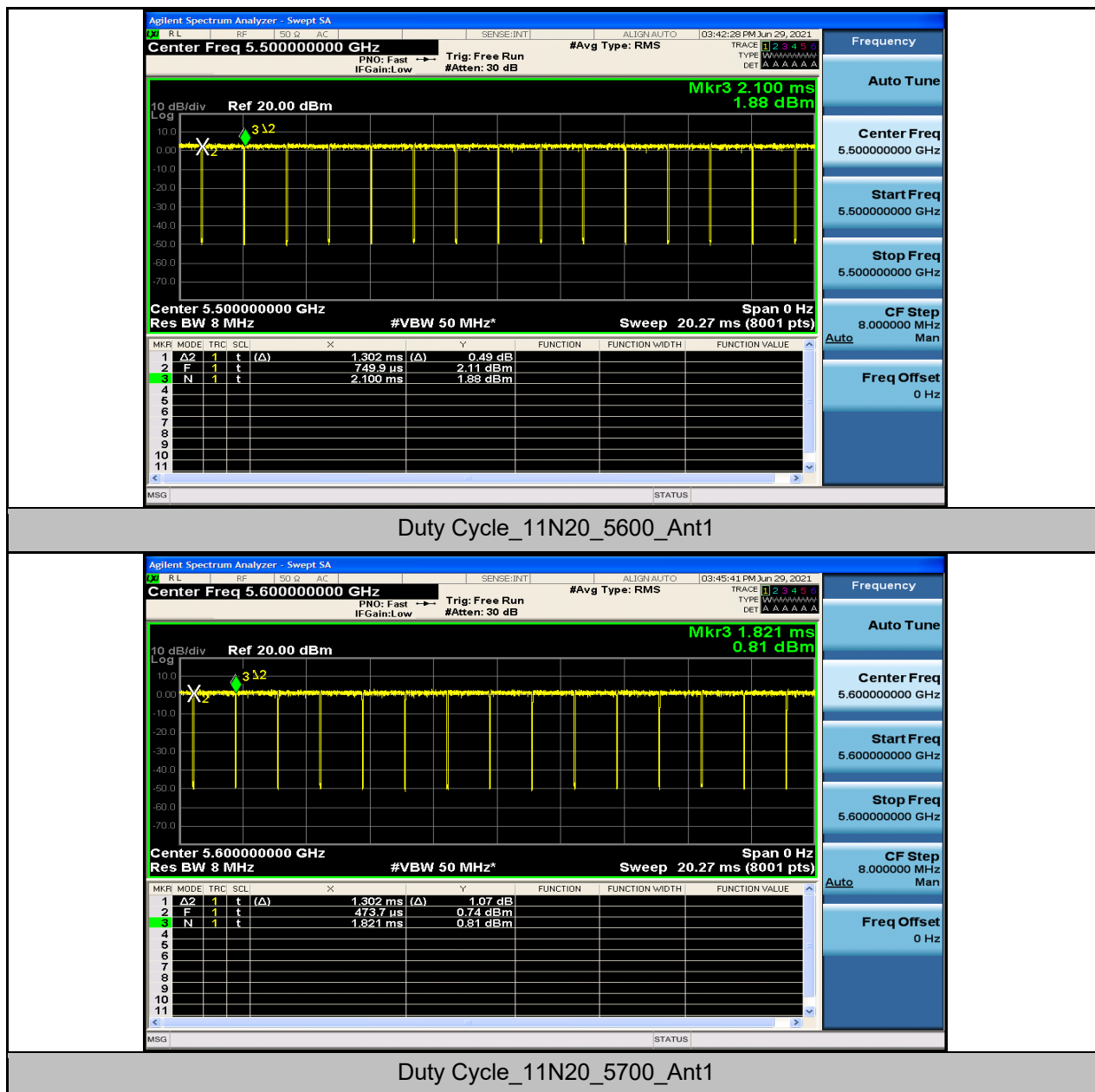


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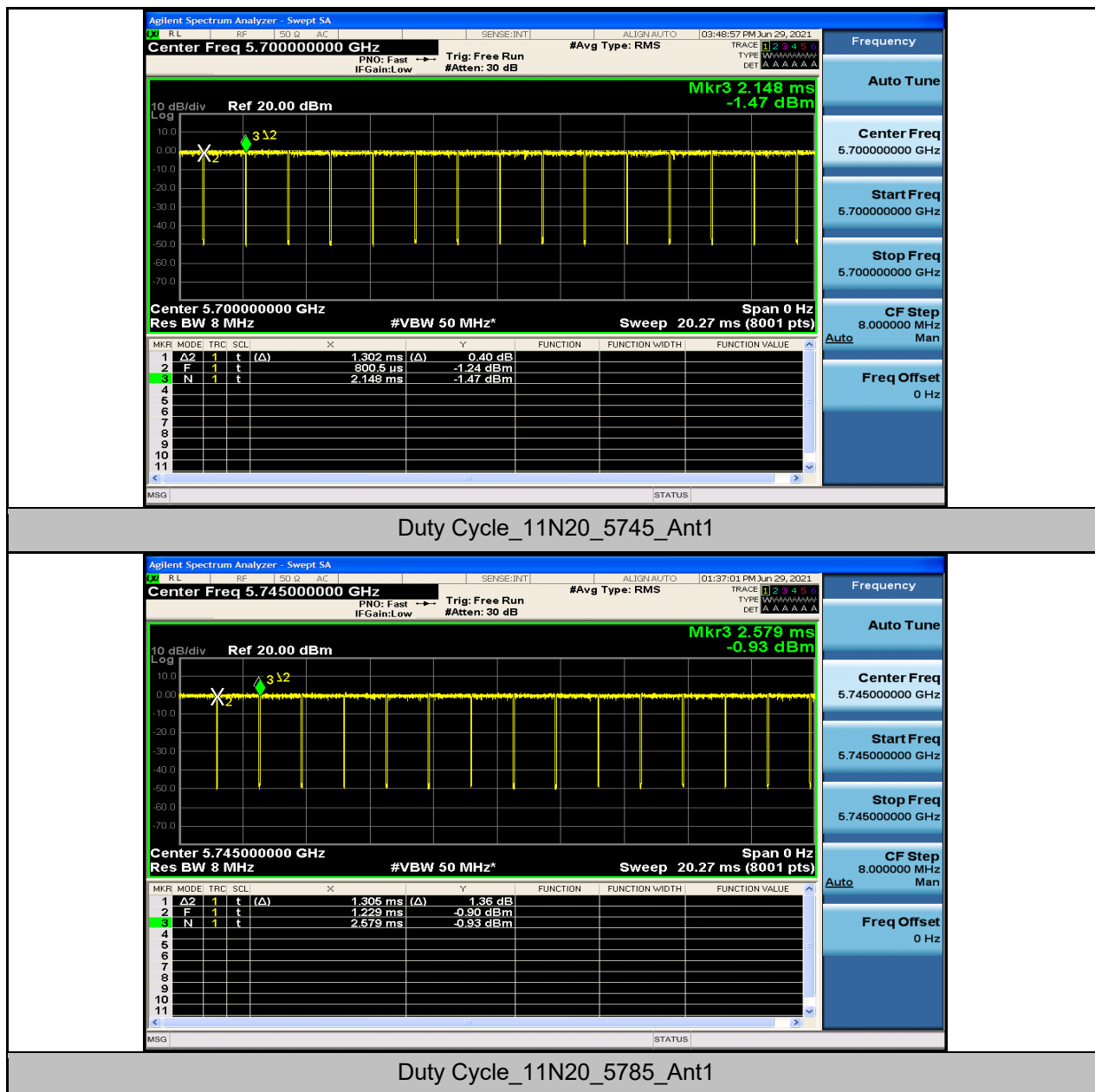


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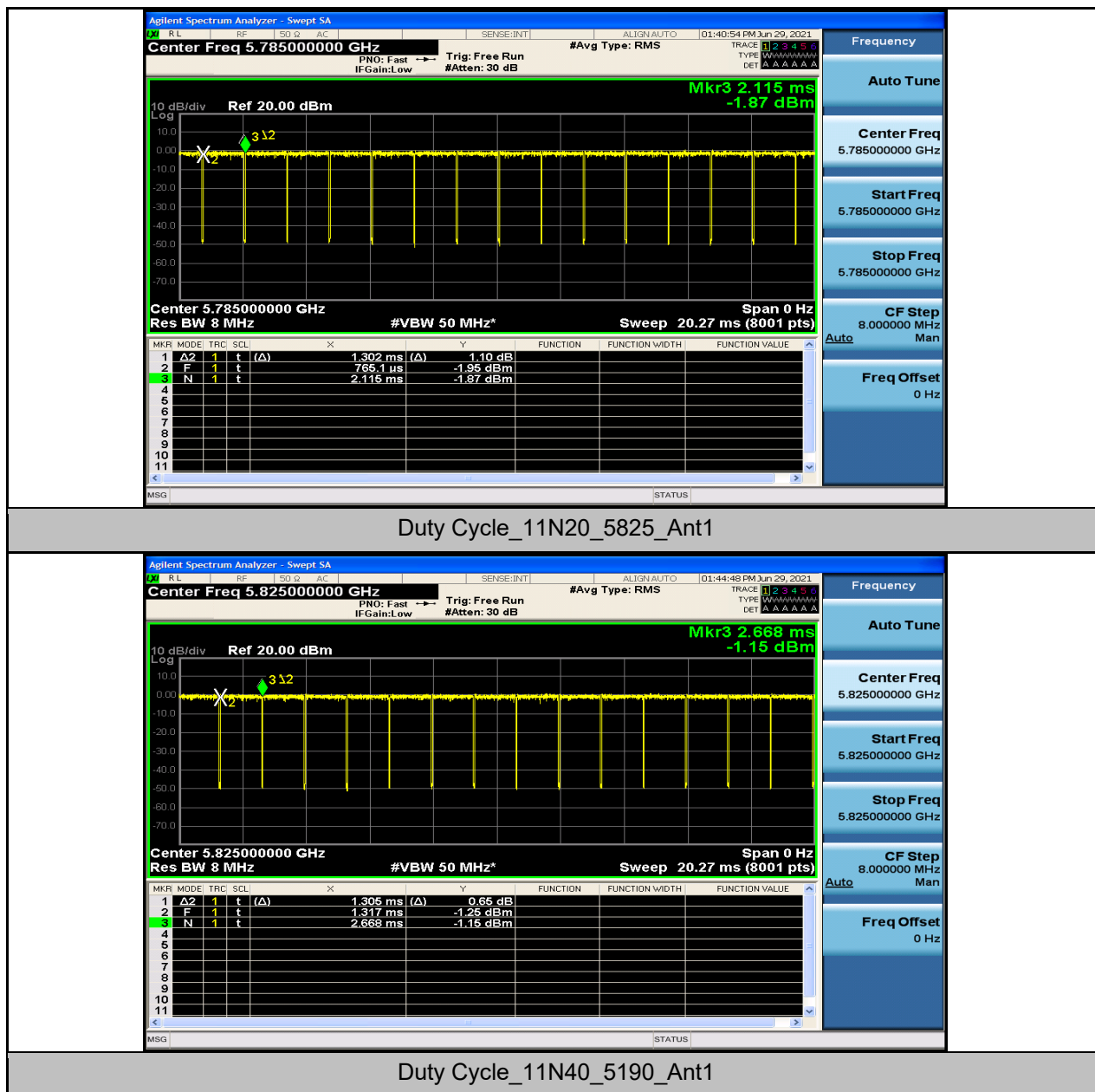
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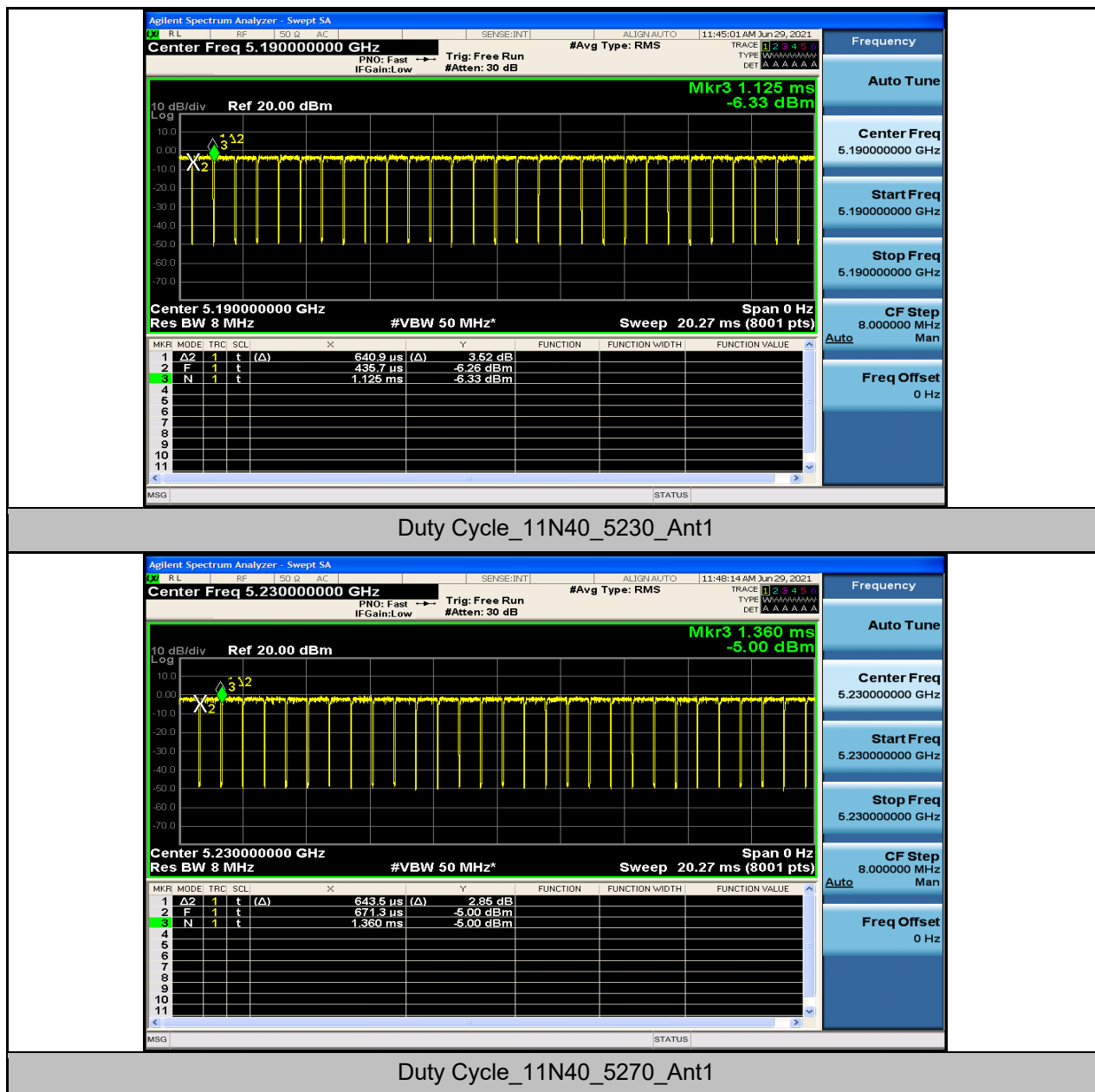


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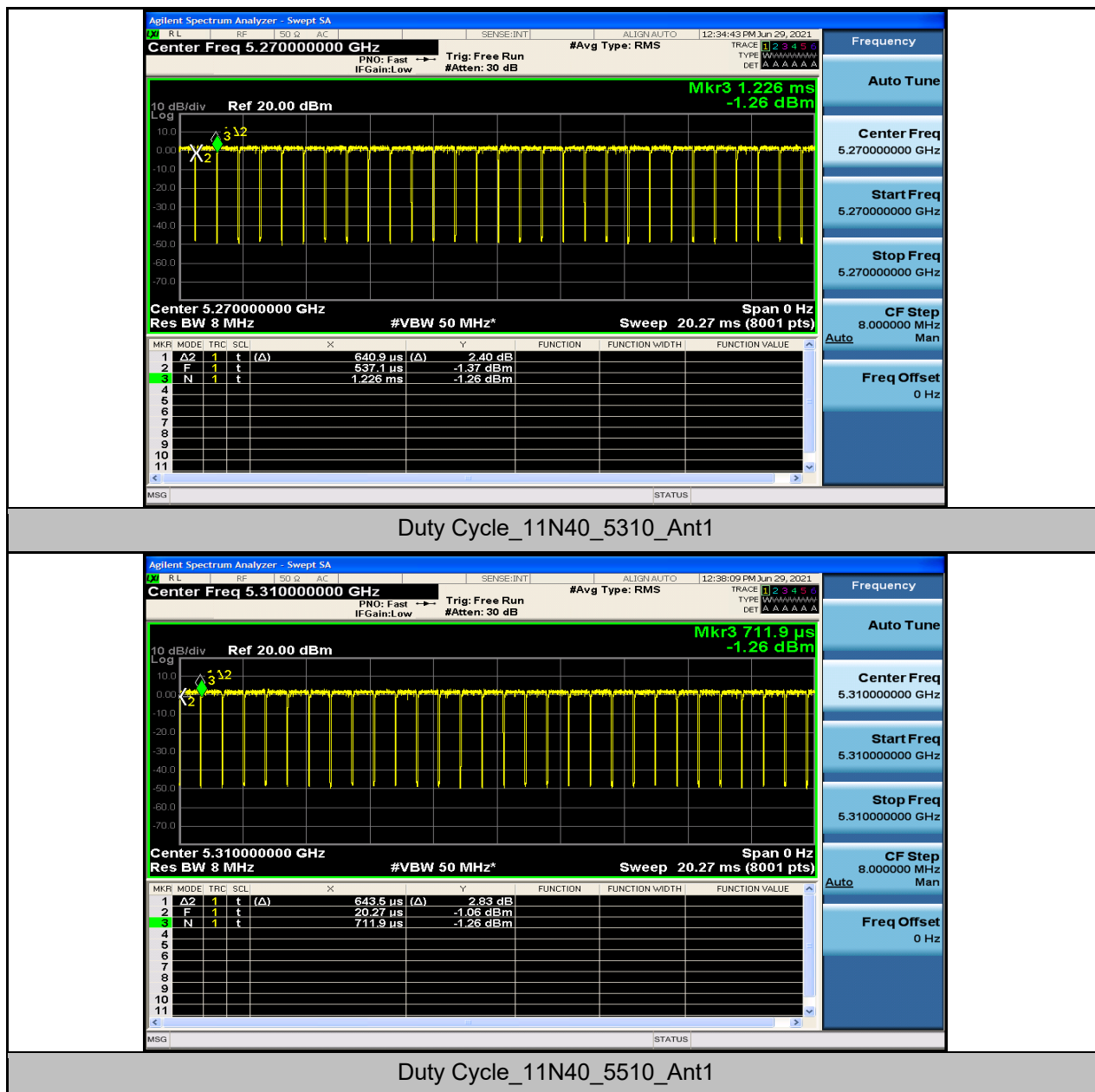


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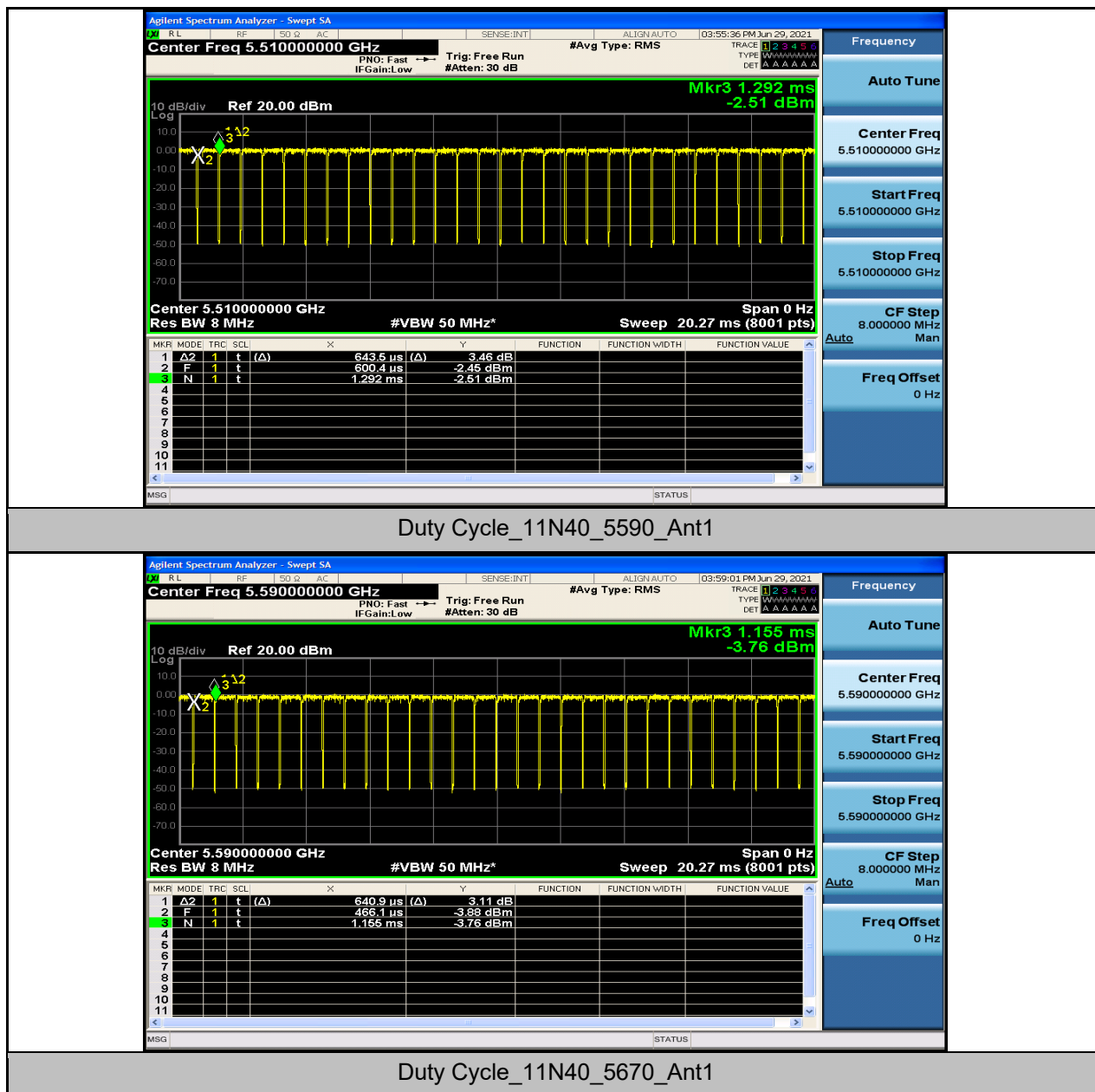


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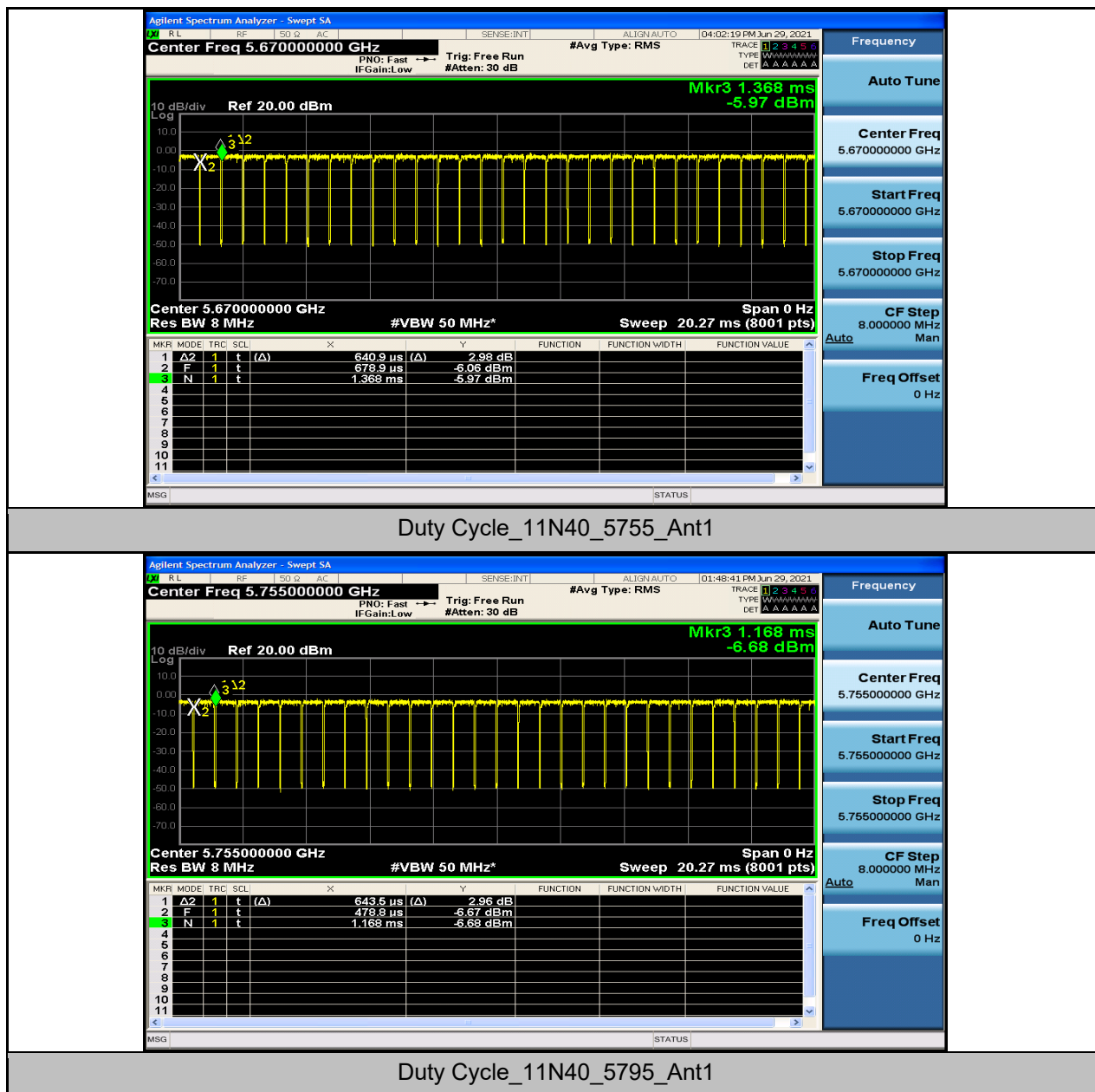


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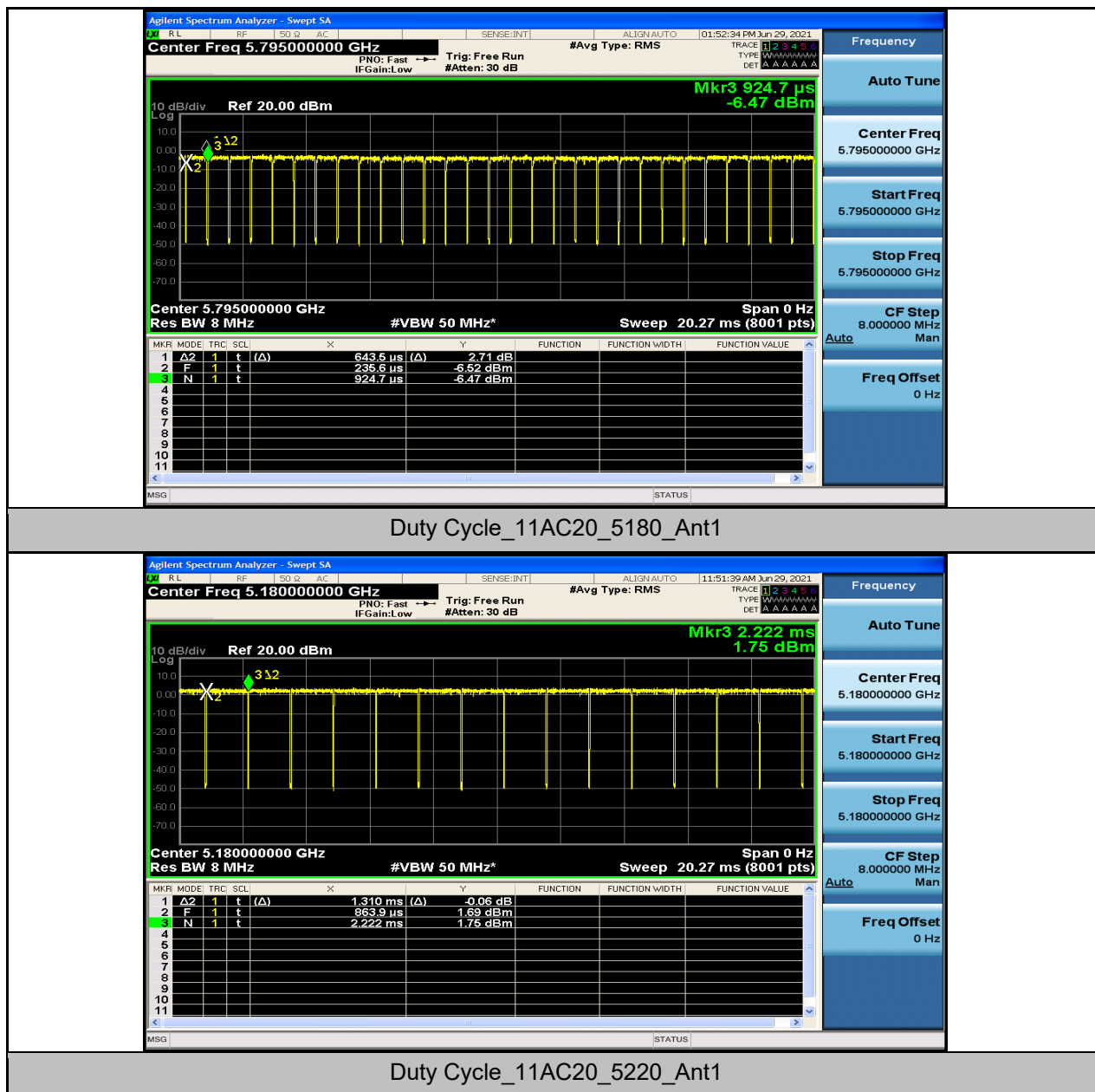


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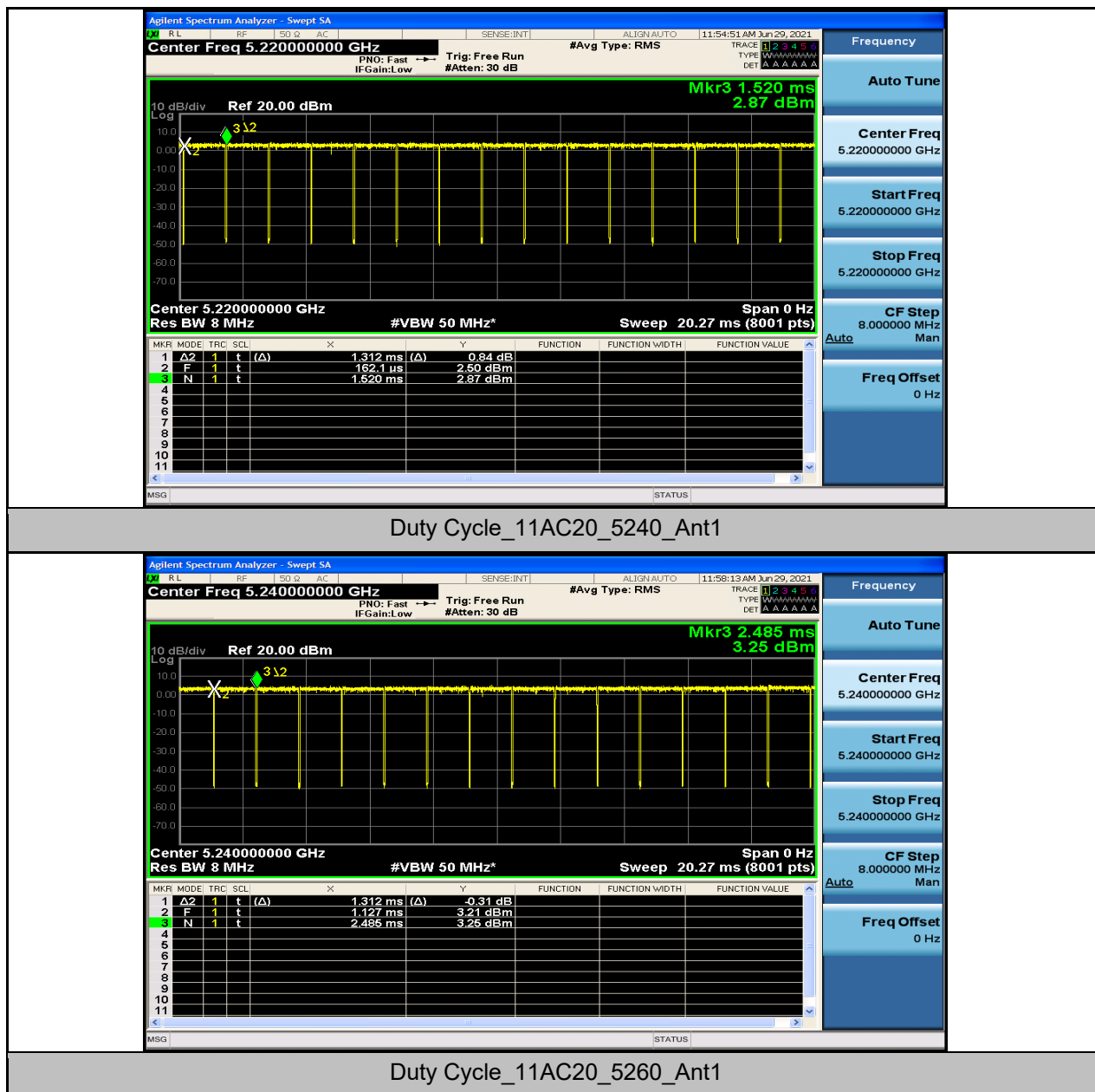


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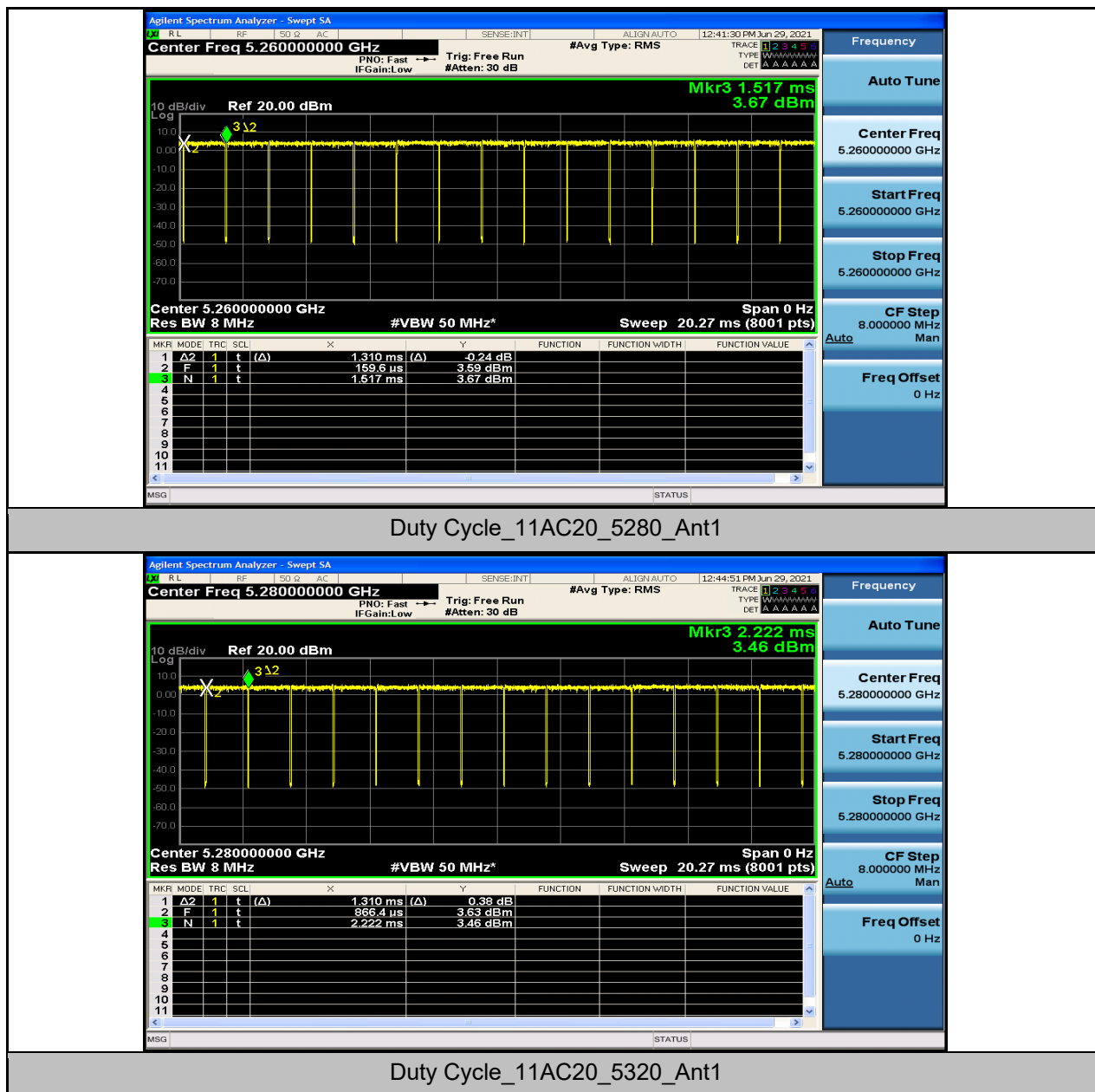


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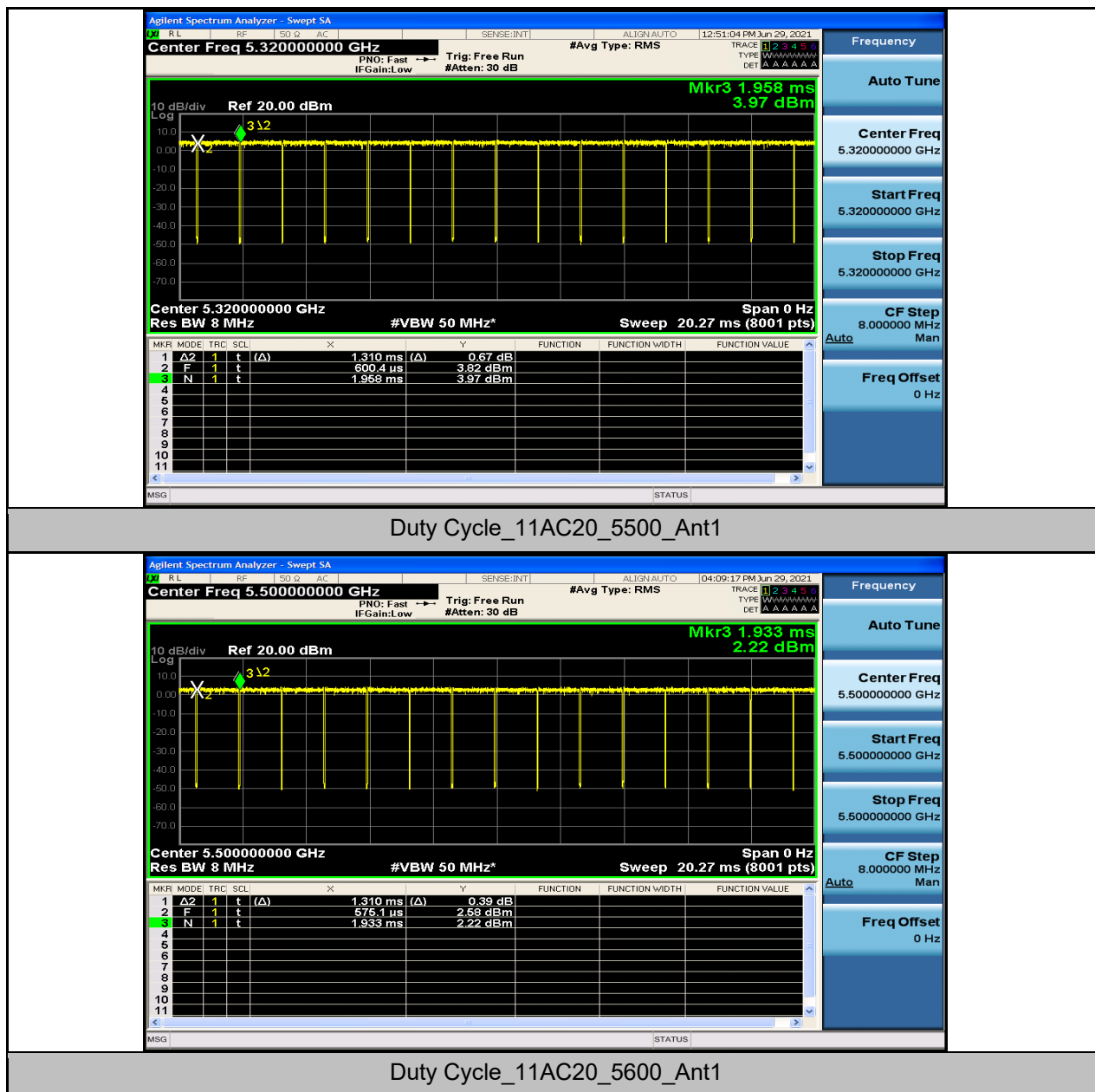


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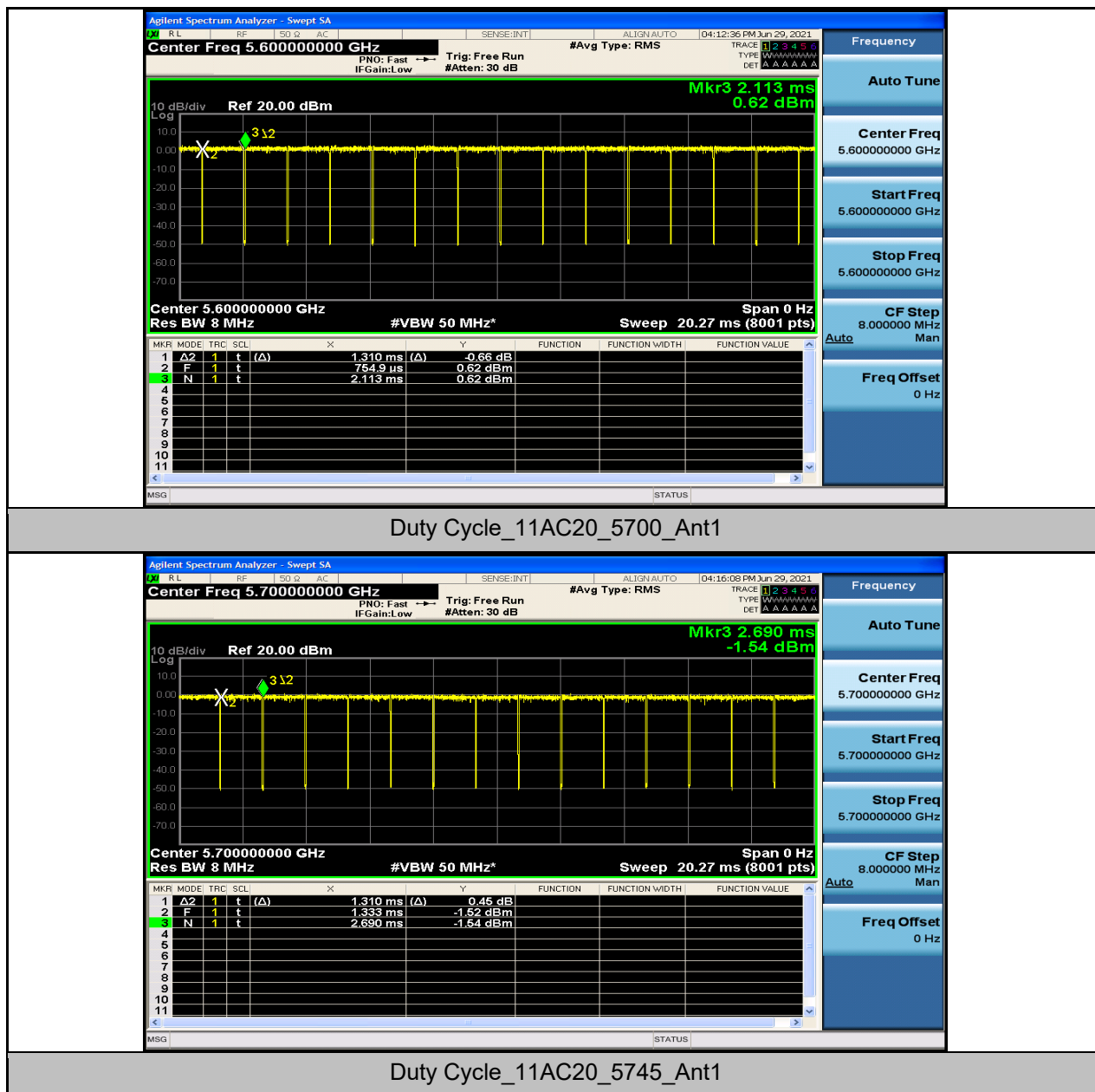


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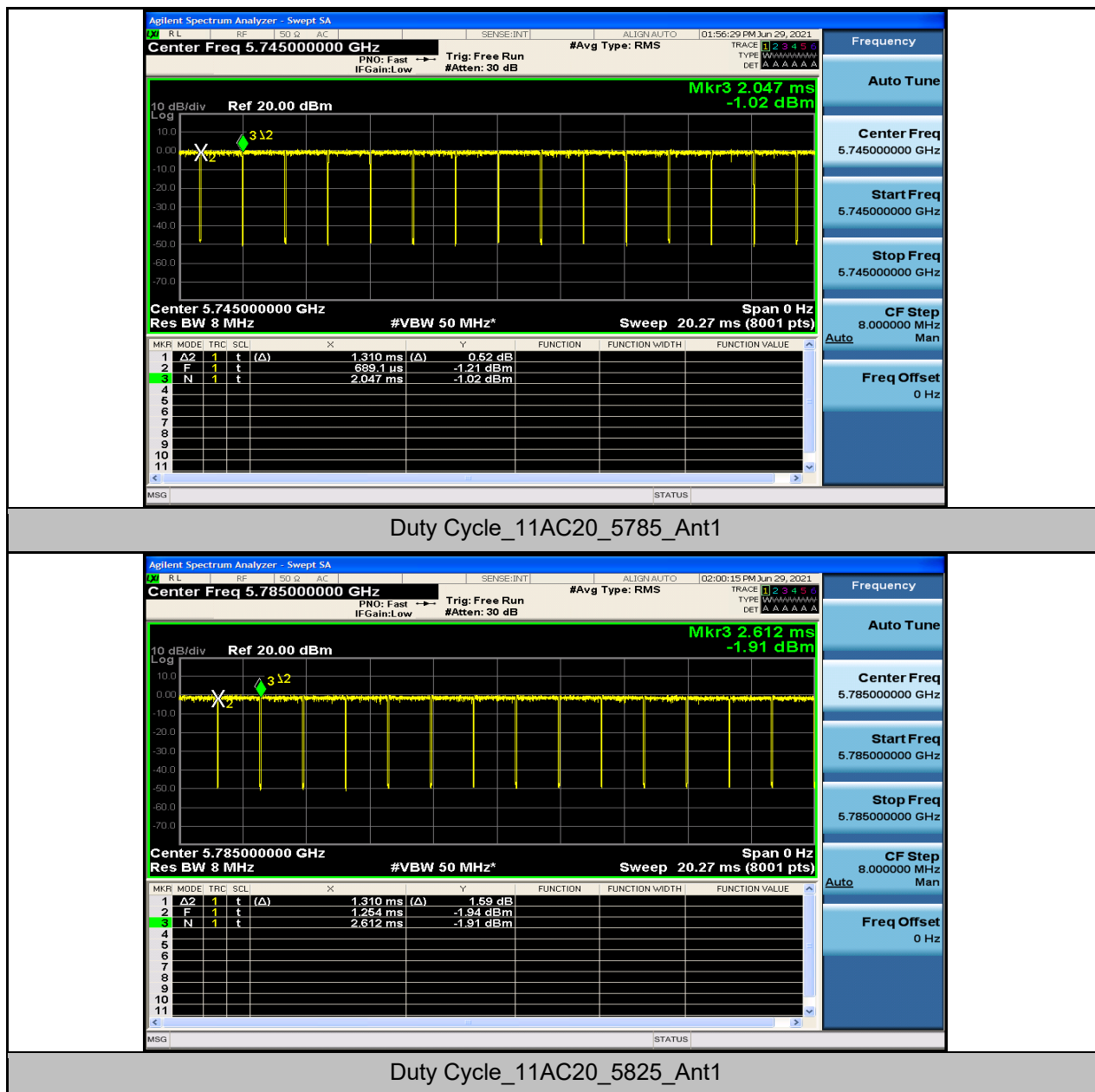


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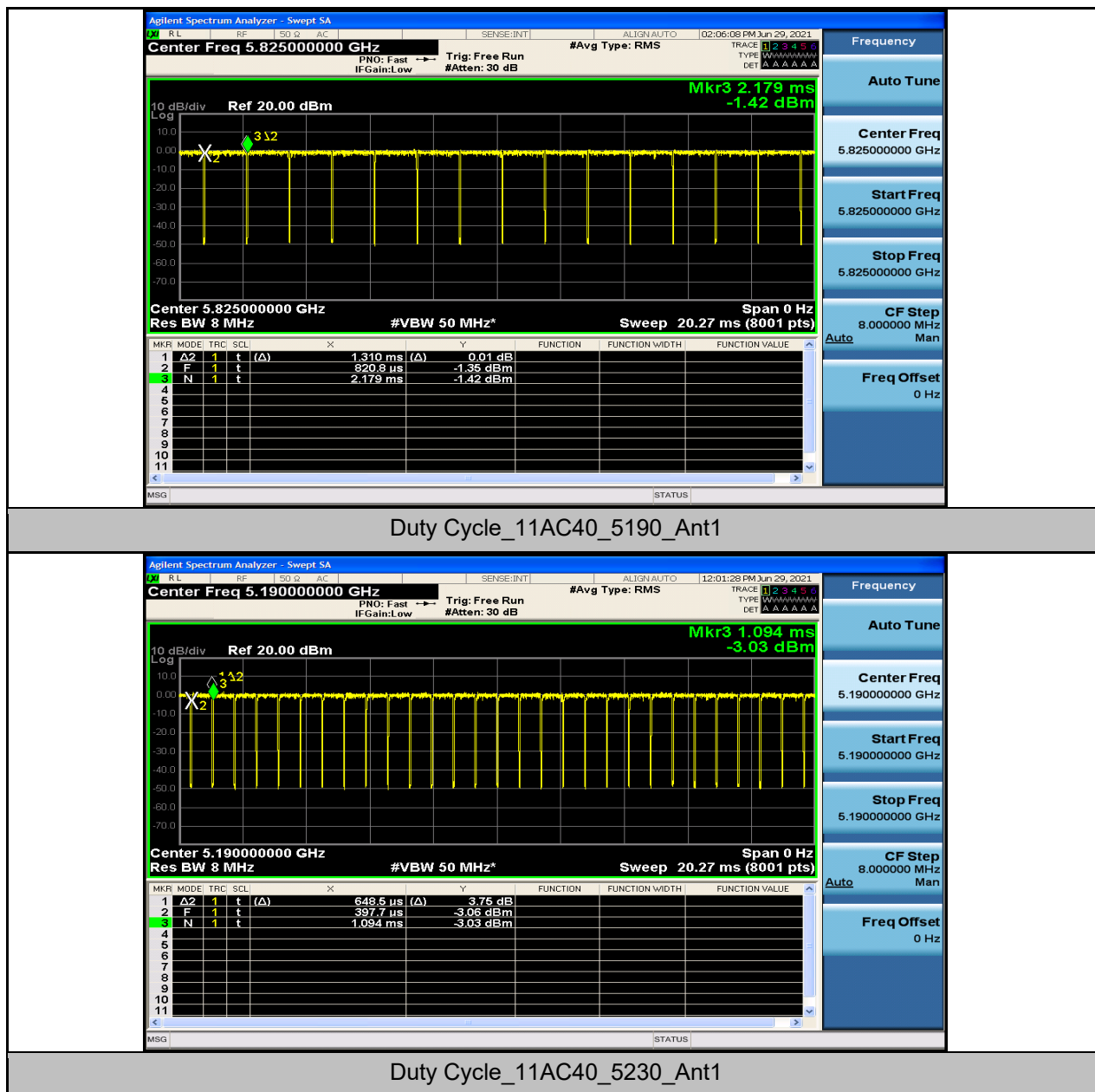


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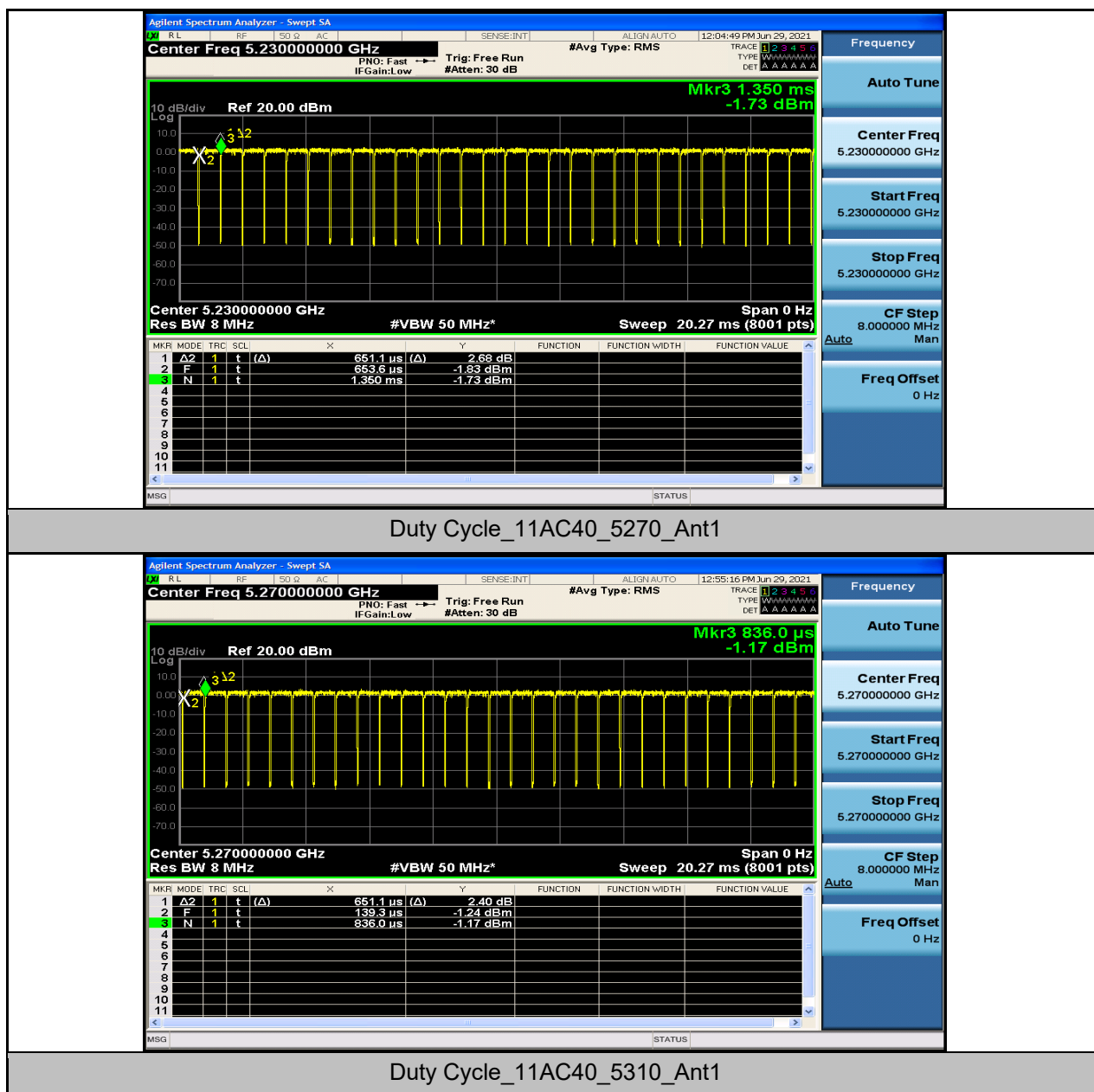


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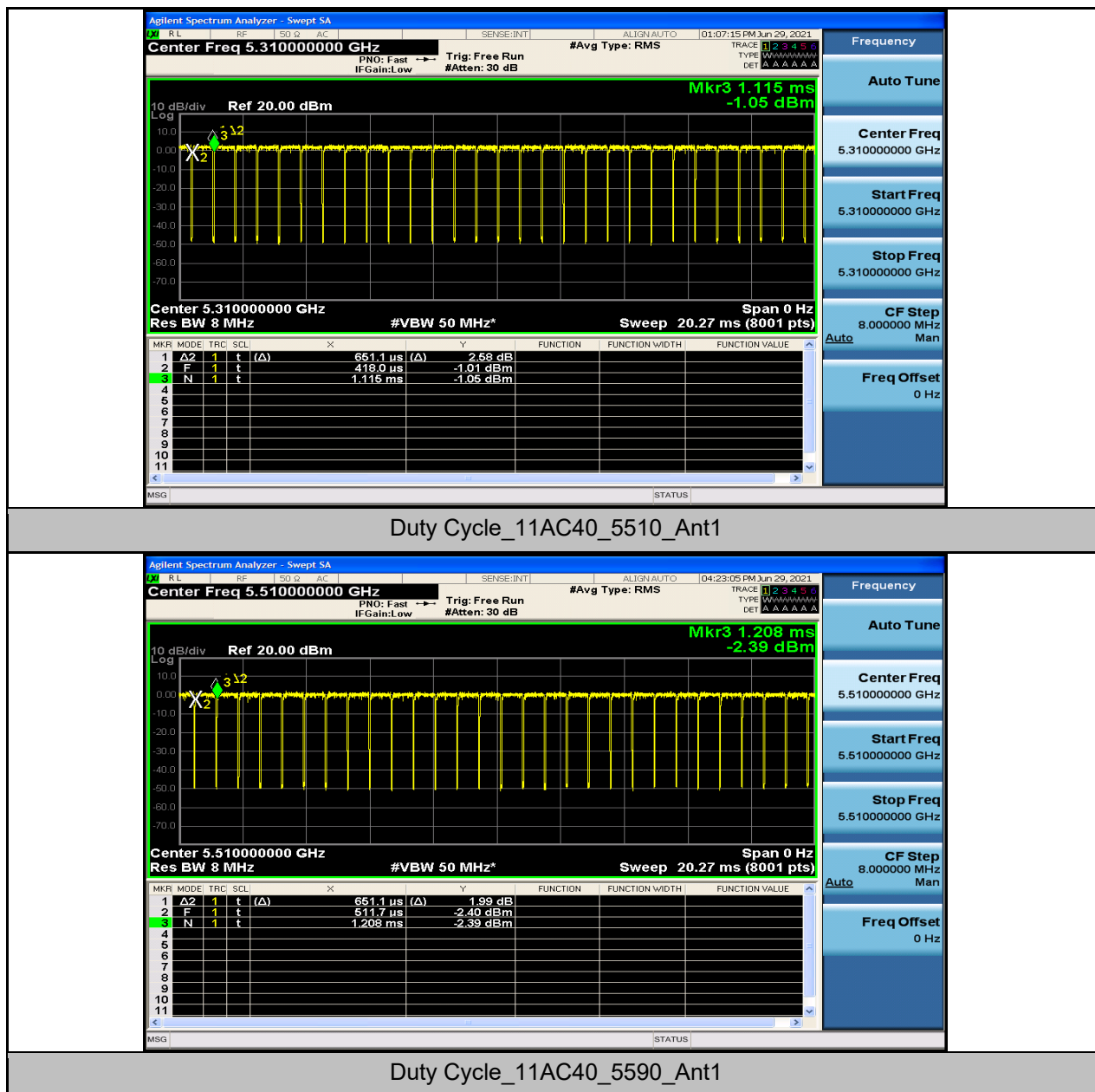


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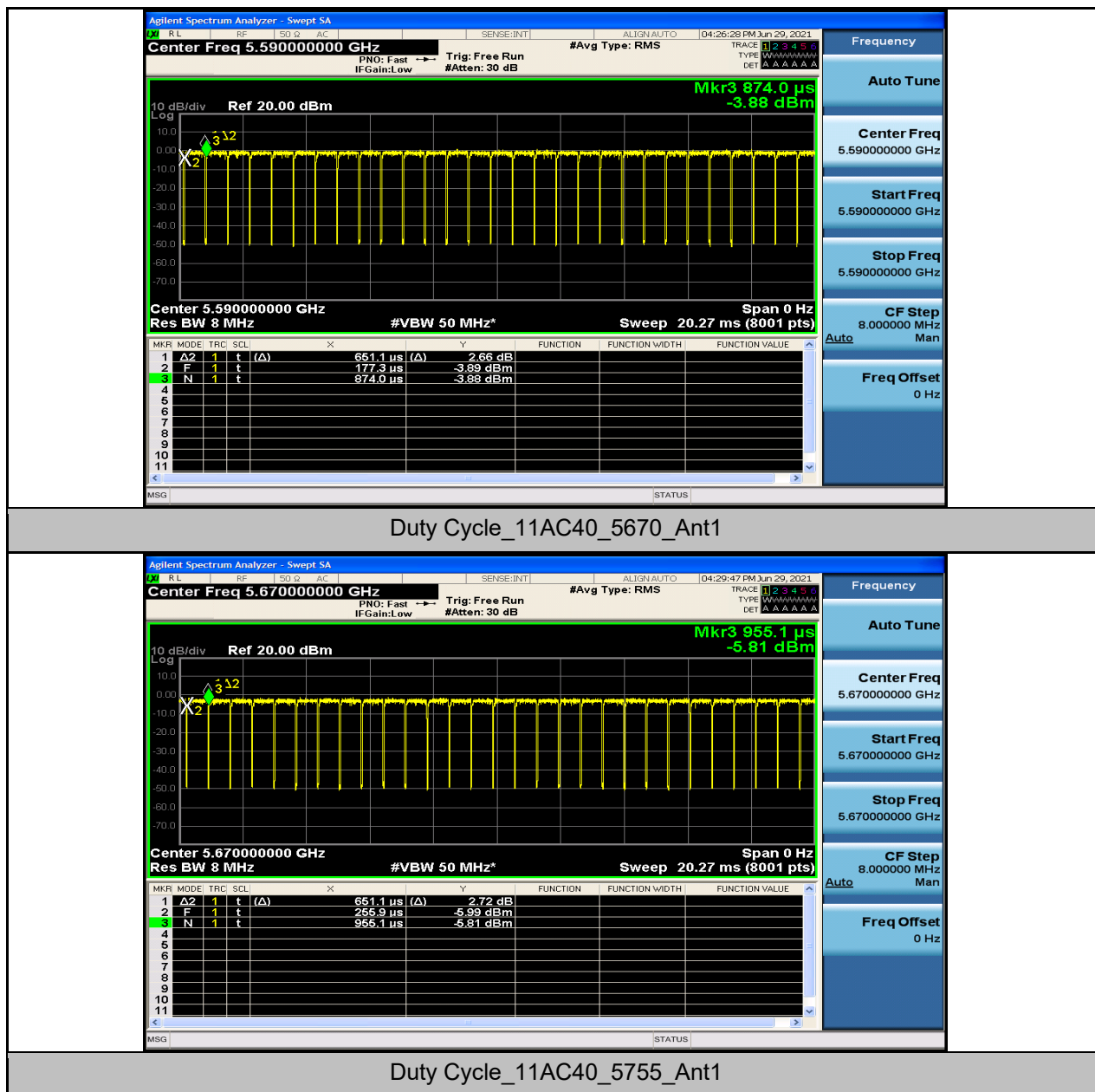
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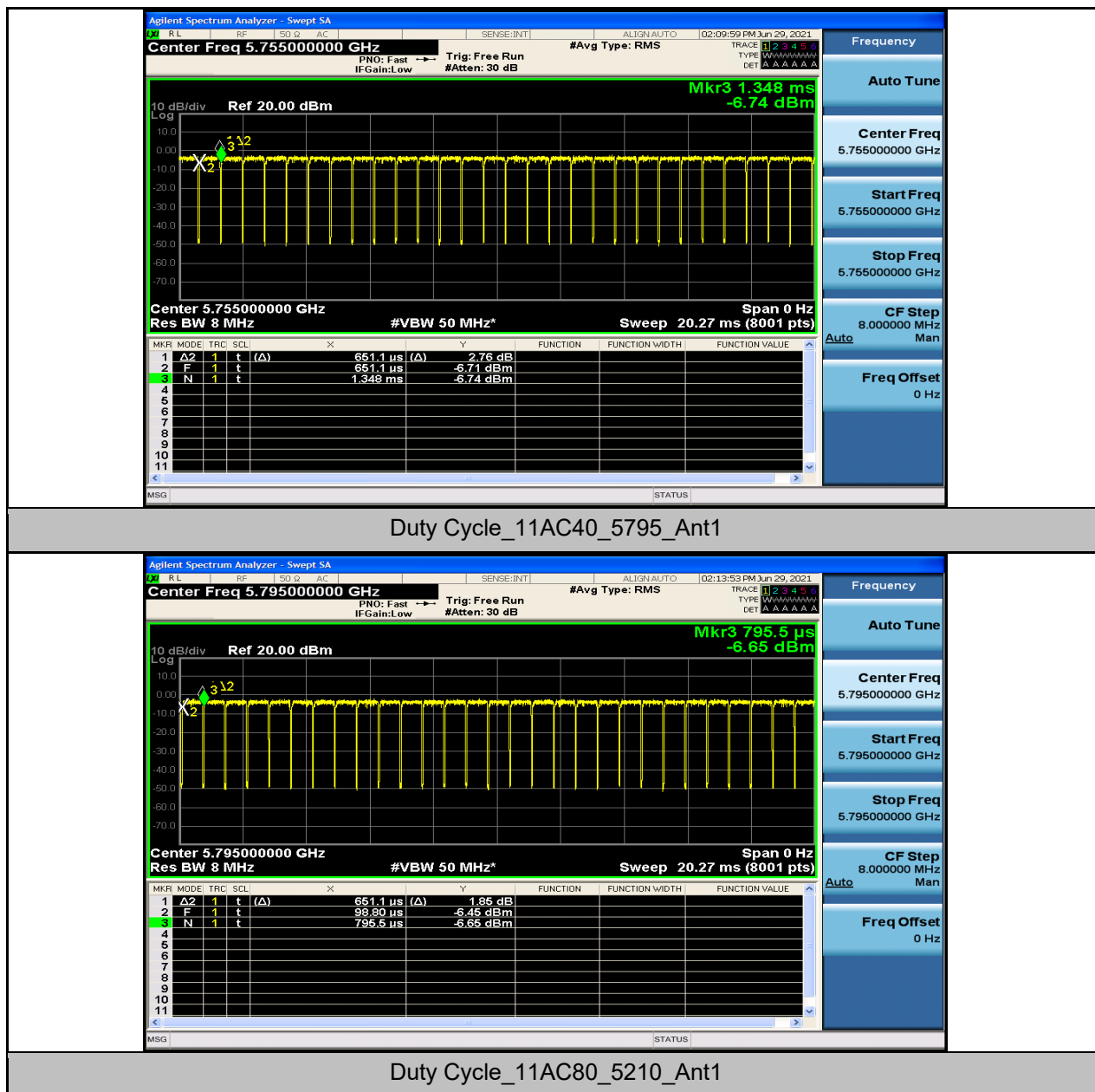


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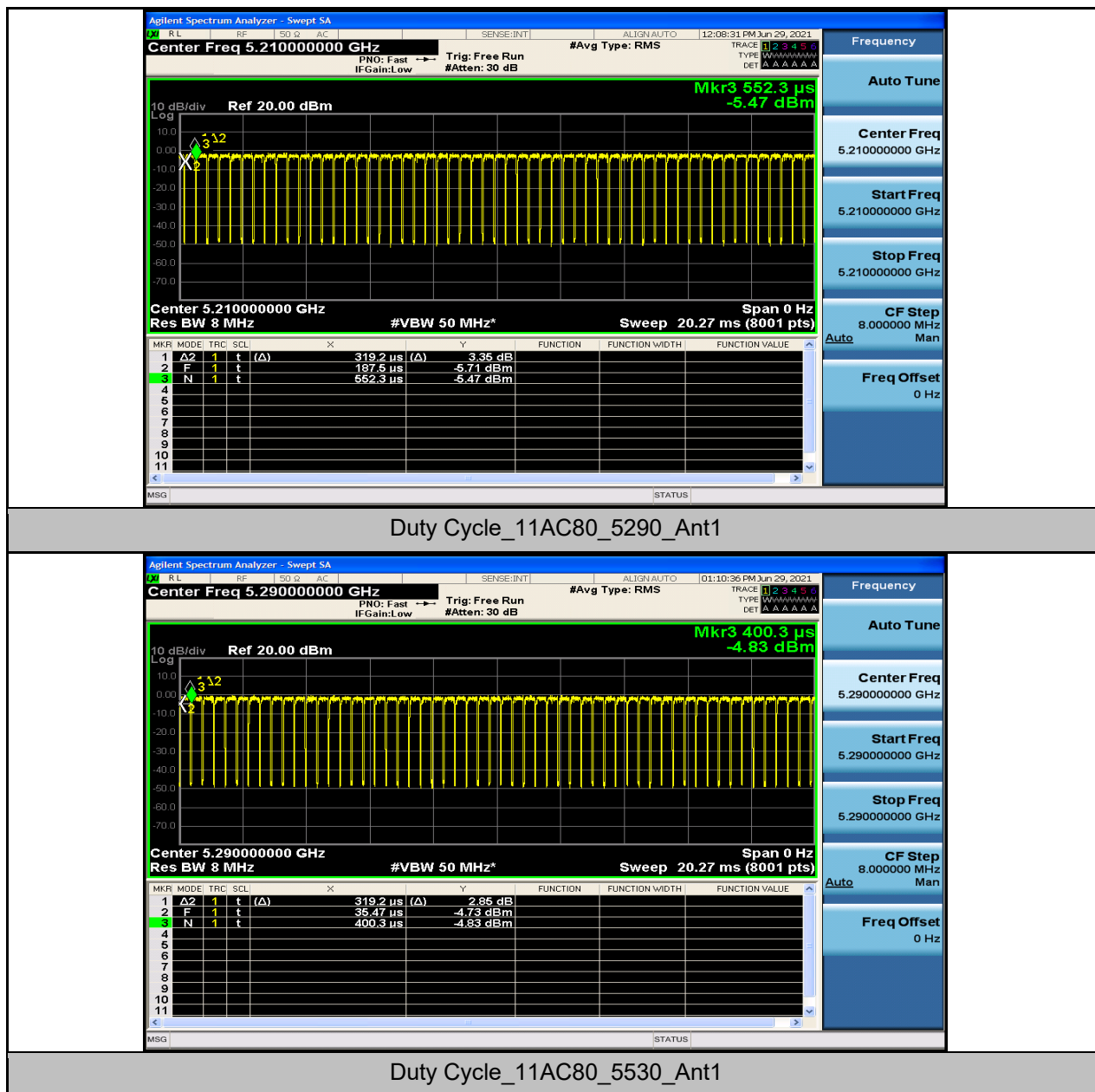
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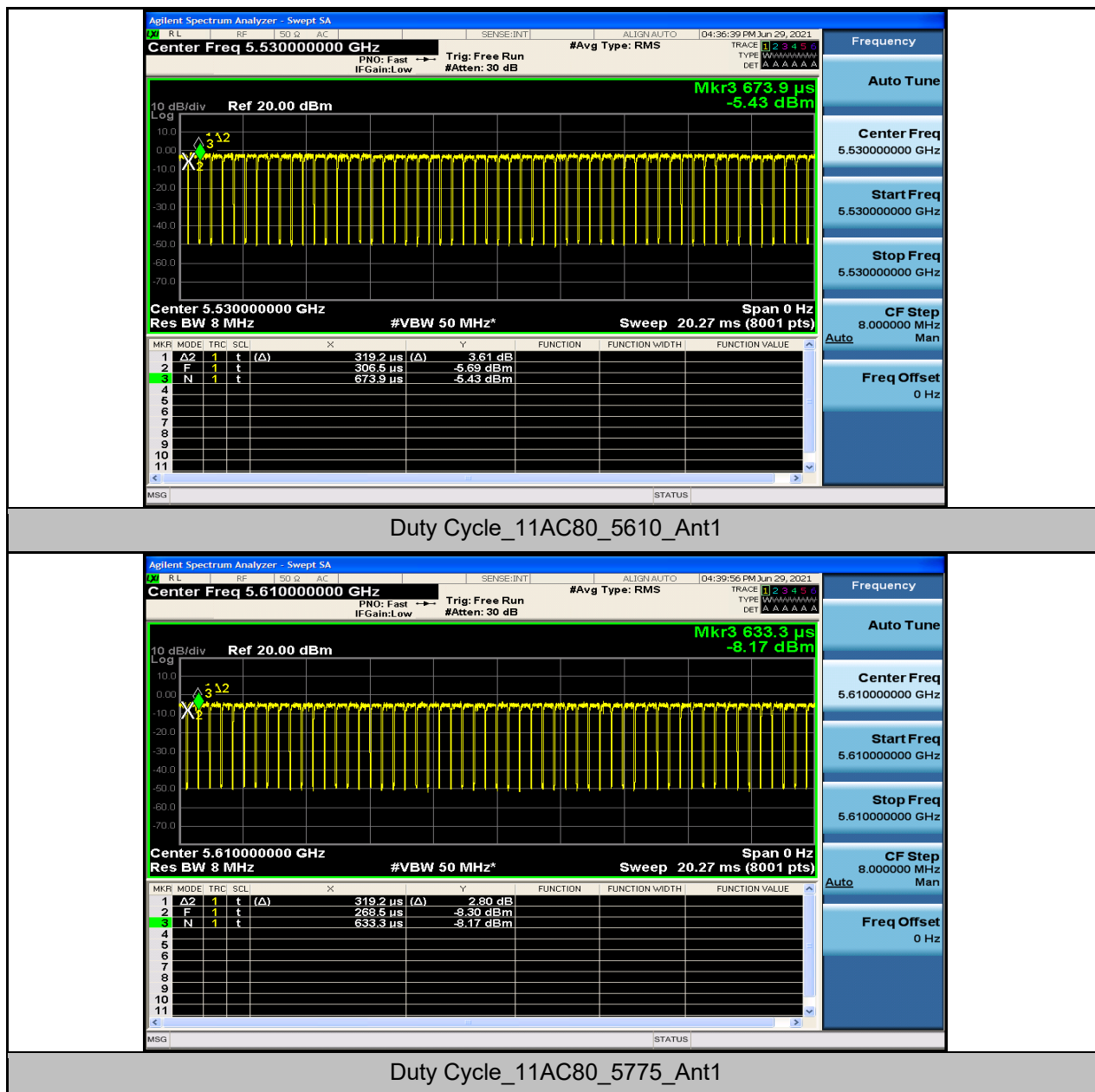


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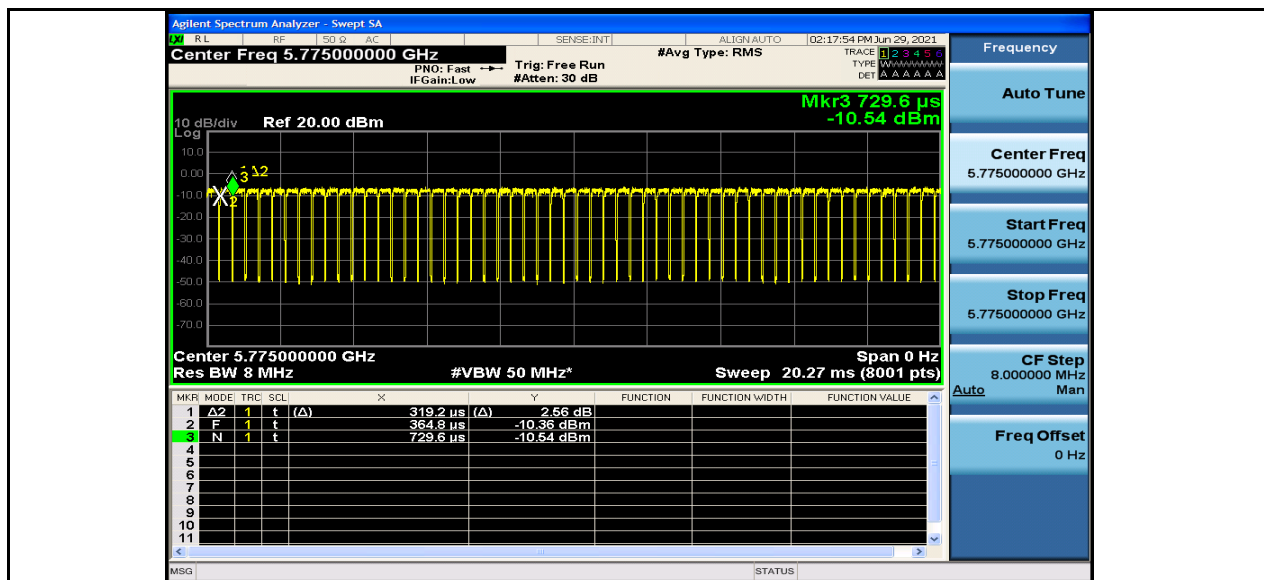


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