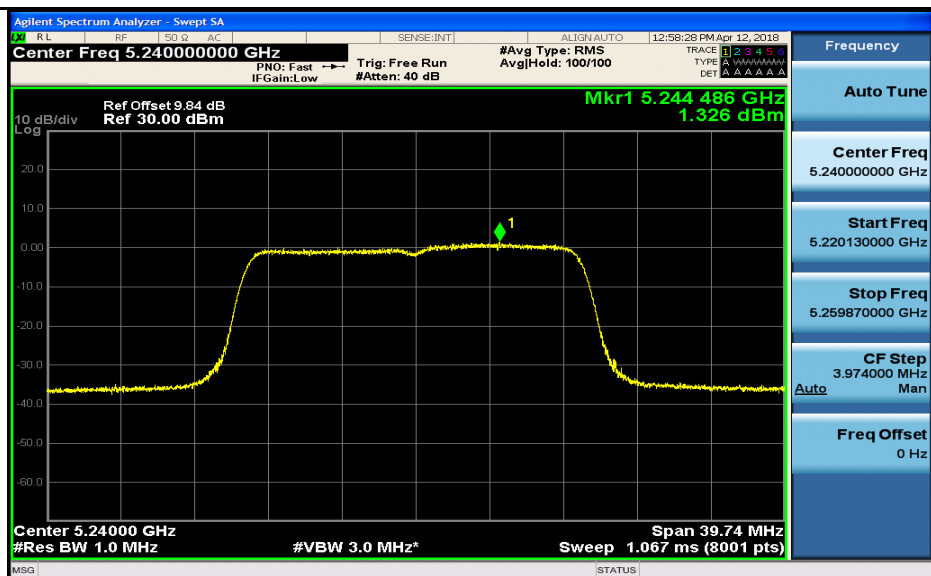
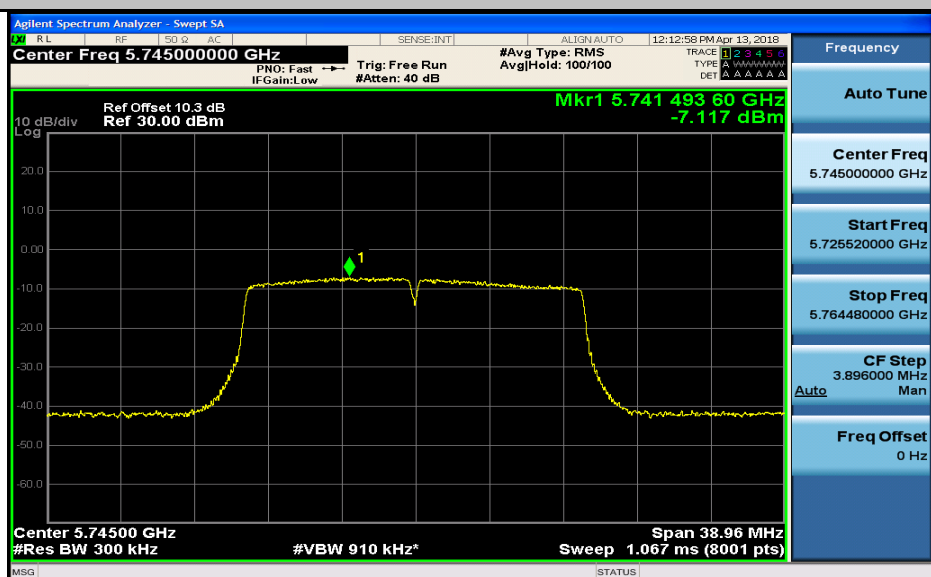
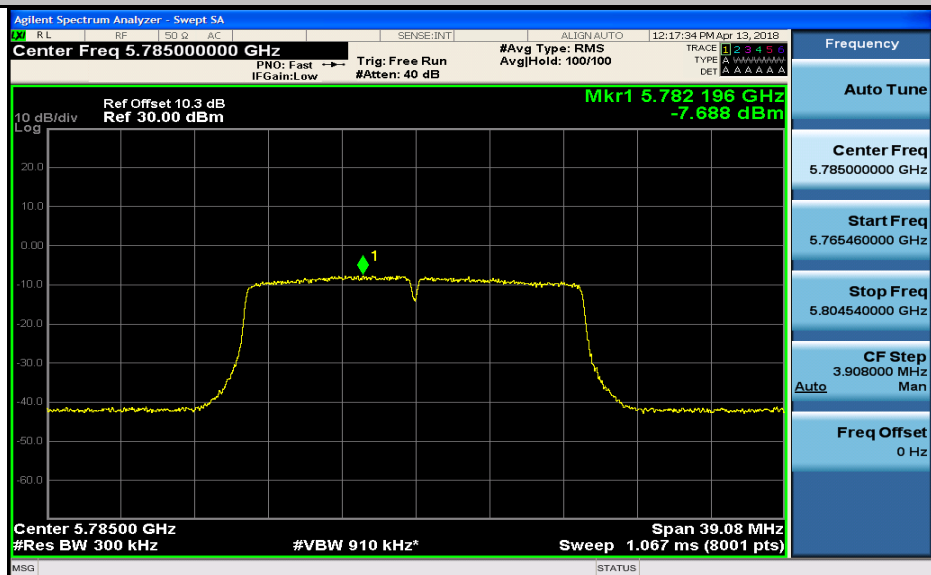




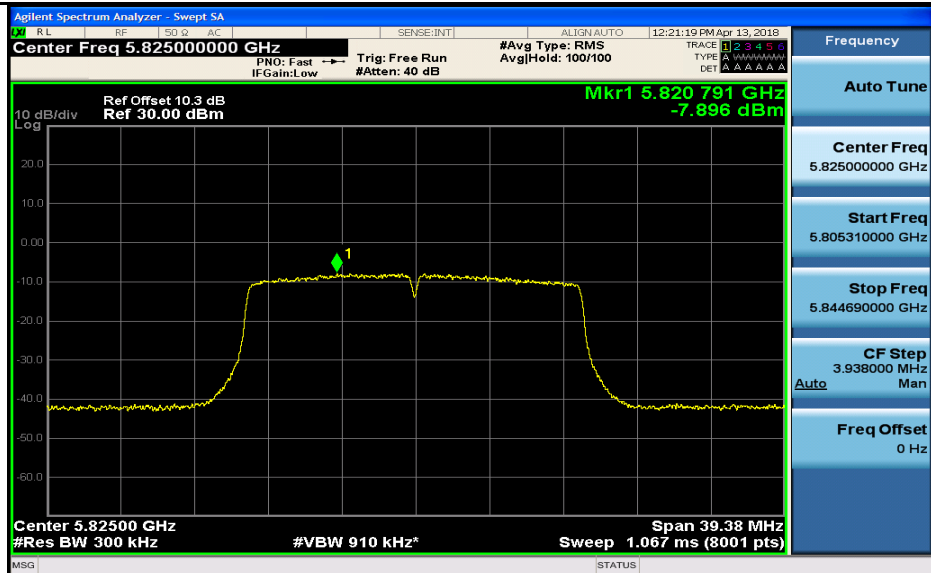
Maximum Power Spectral Density_TNVN_11N20_5745_ANT3



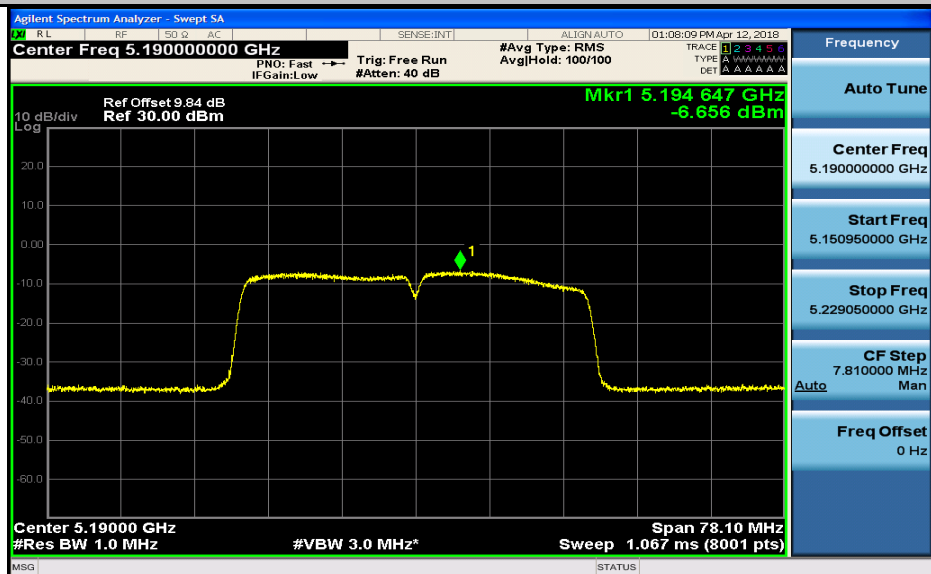
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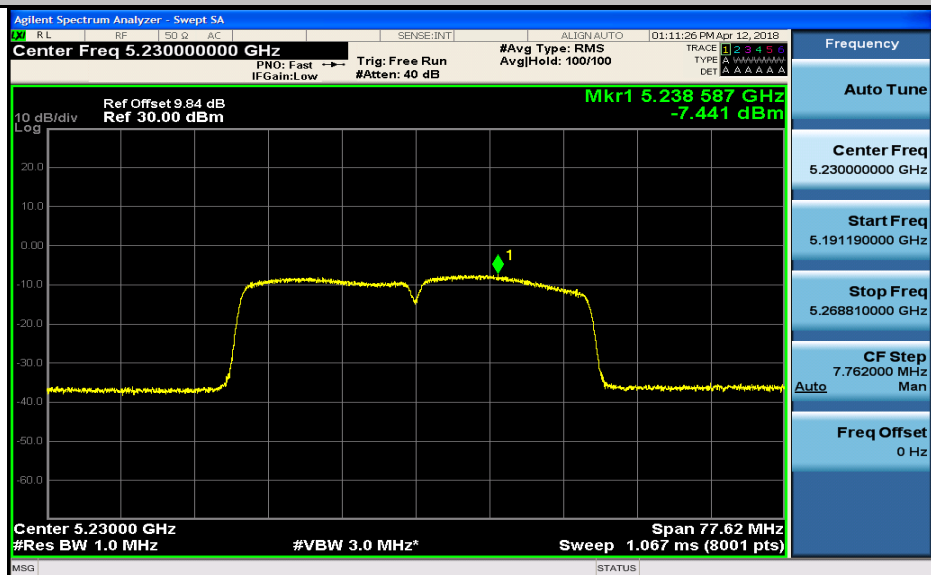
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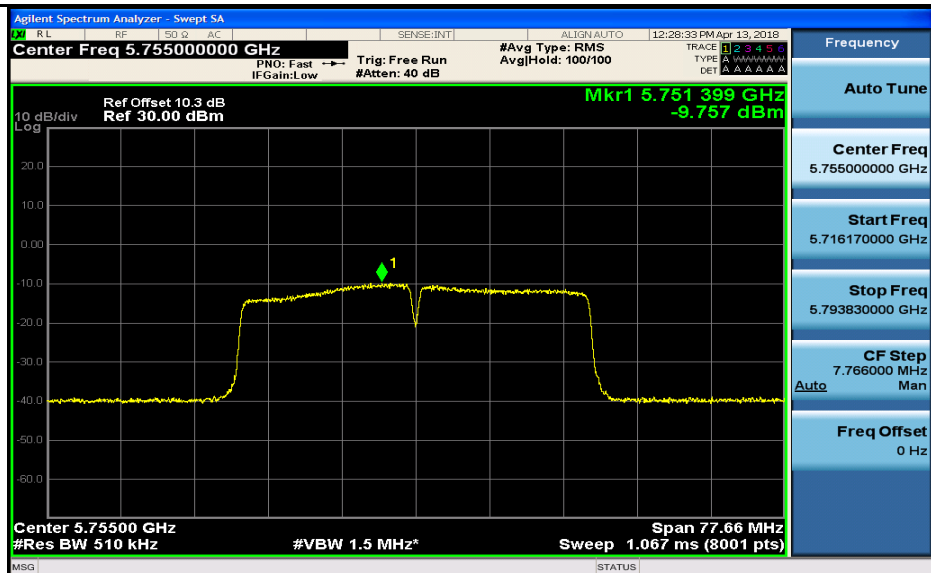
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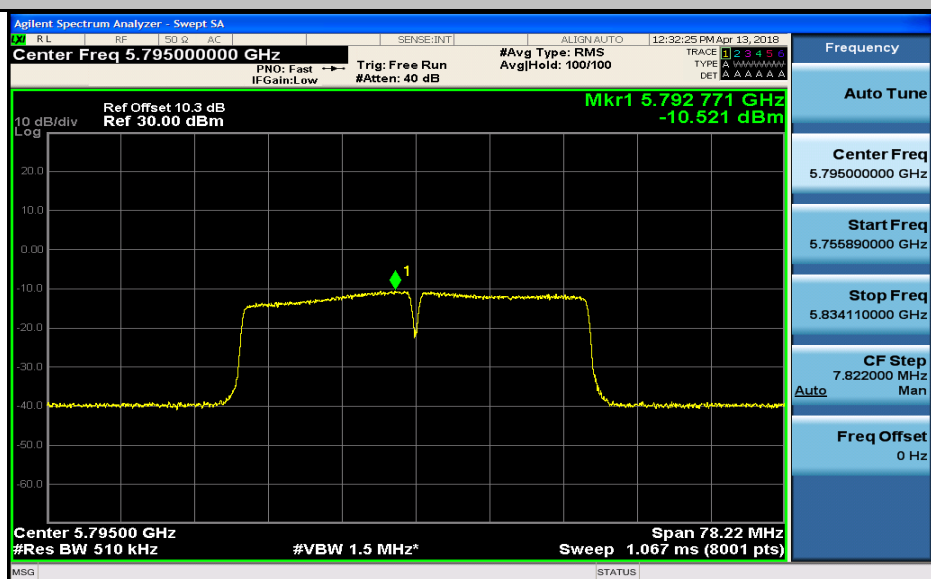
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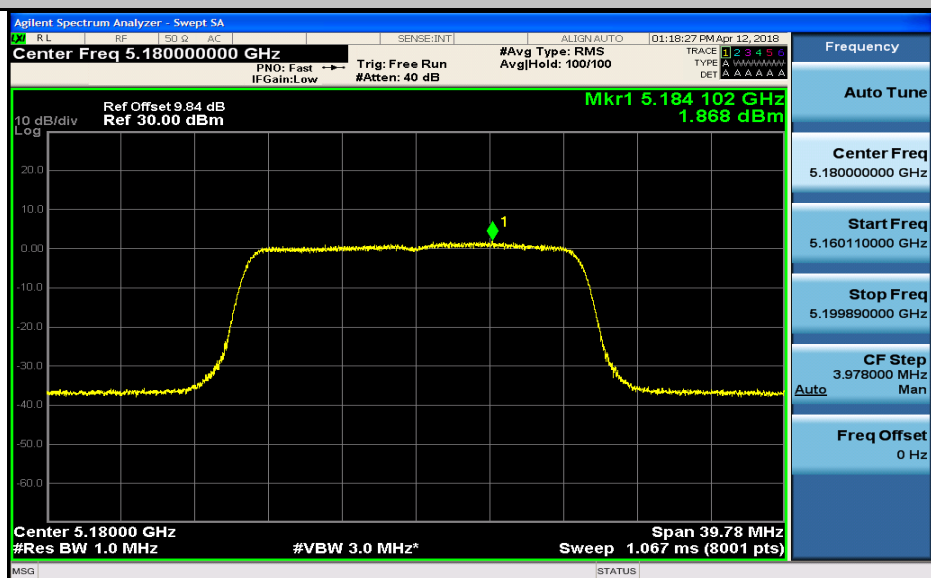
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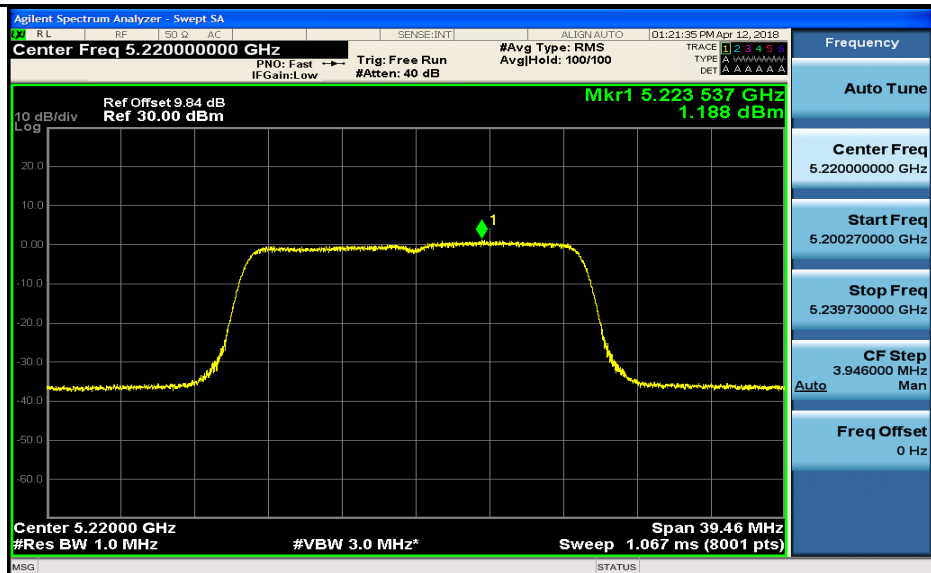
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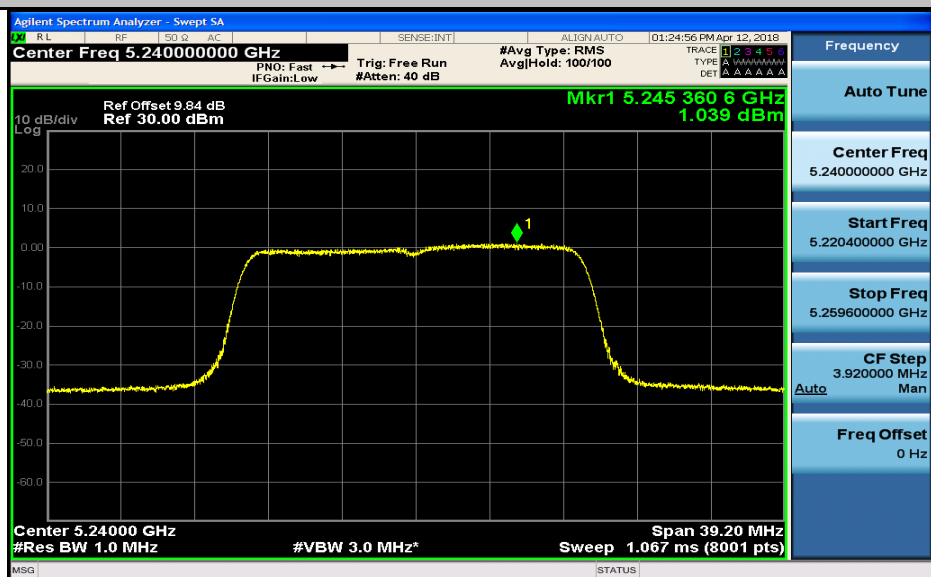
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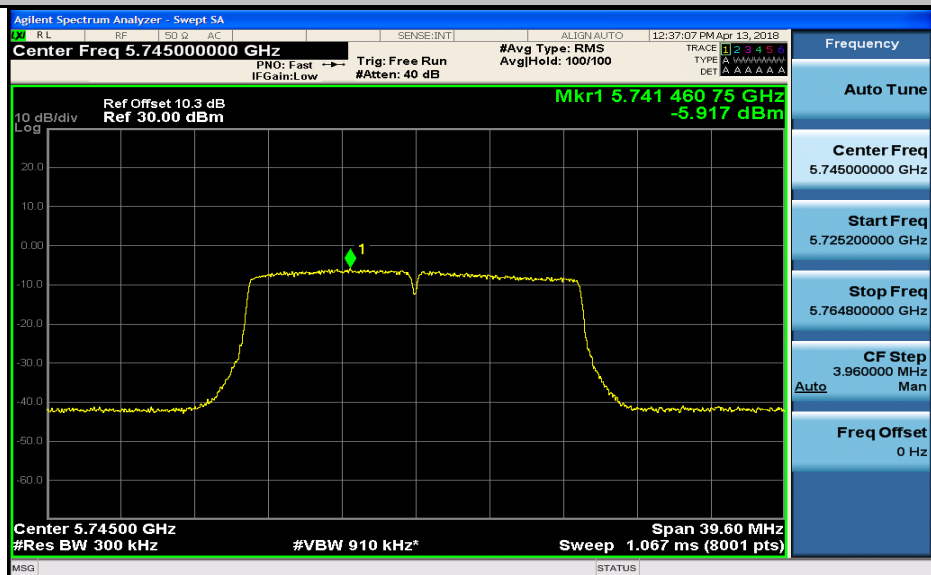
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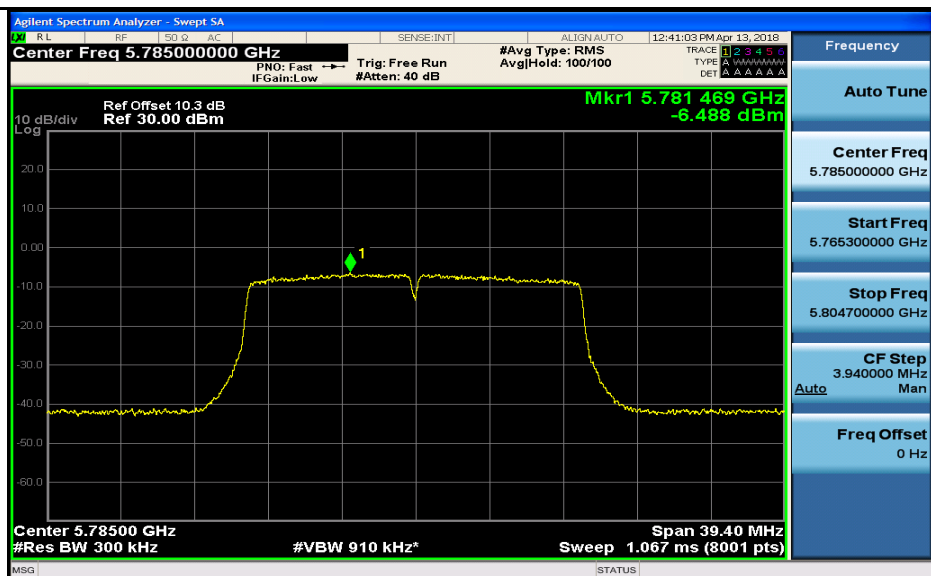
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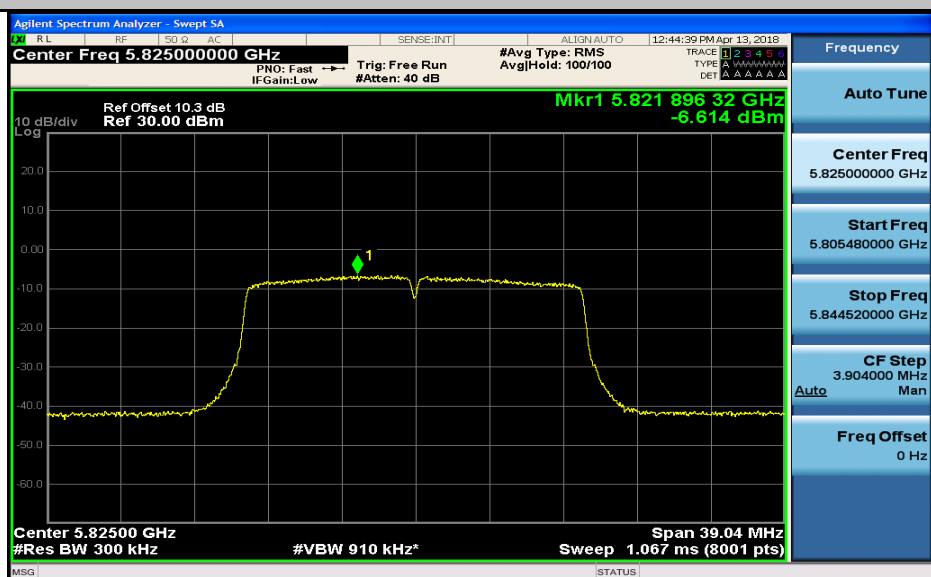
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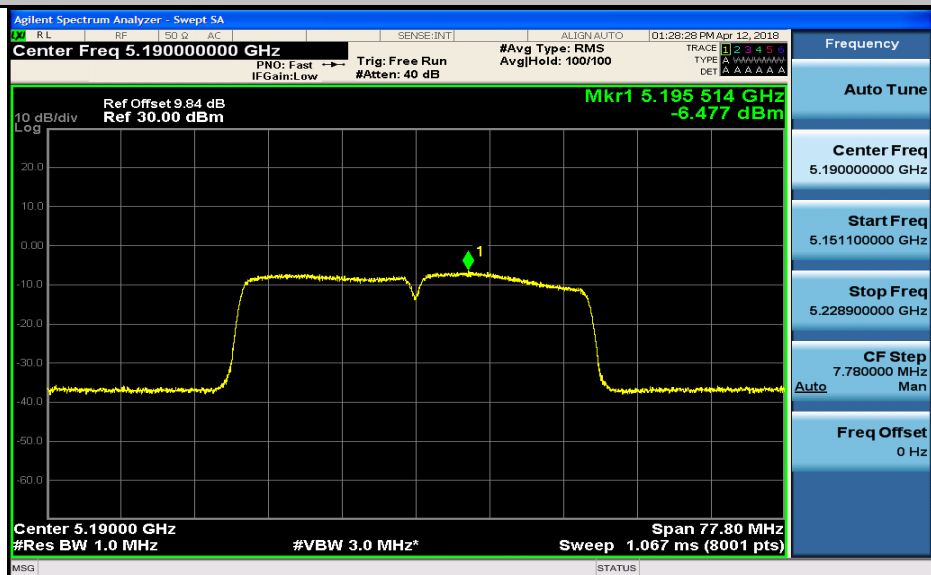
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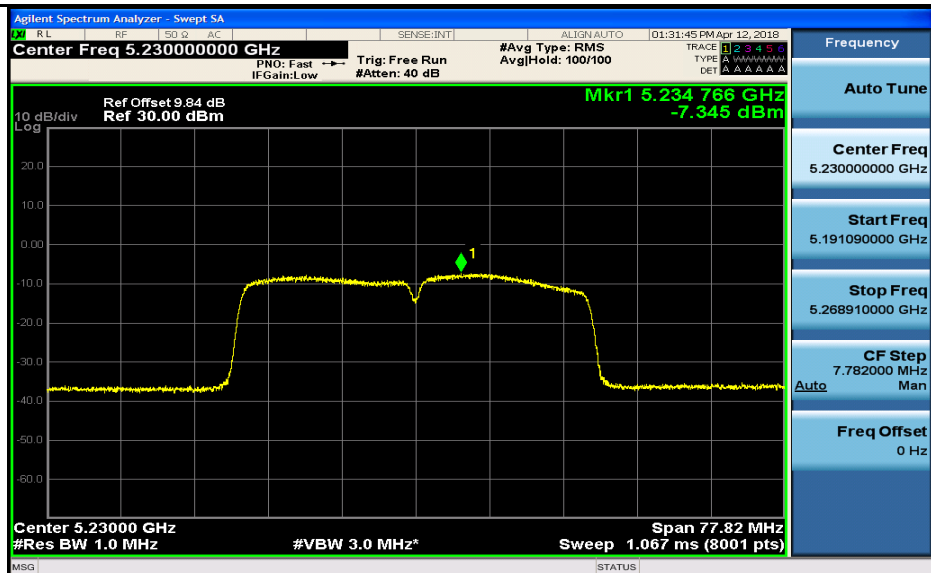
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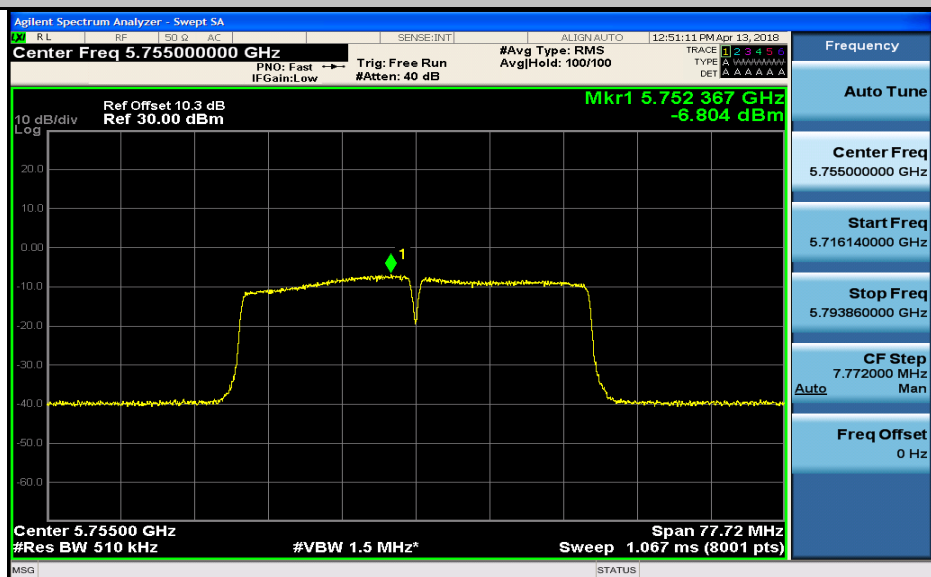
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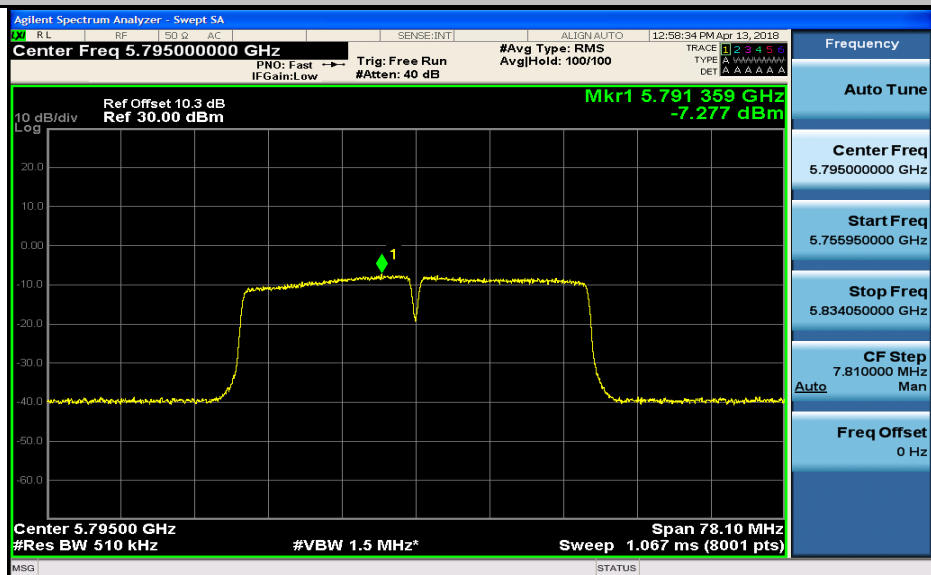
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Maximum Power Spectral Density_TNVN_11AC40_5755_ANT3



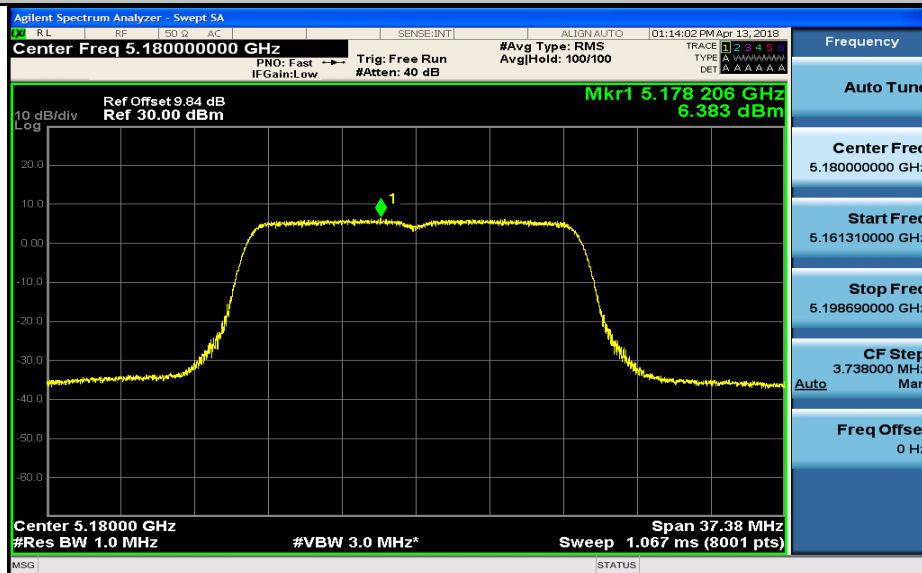
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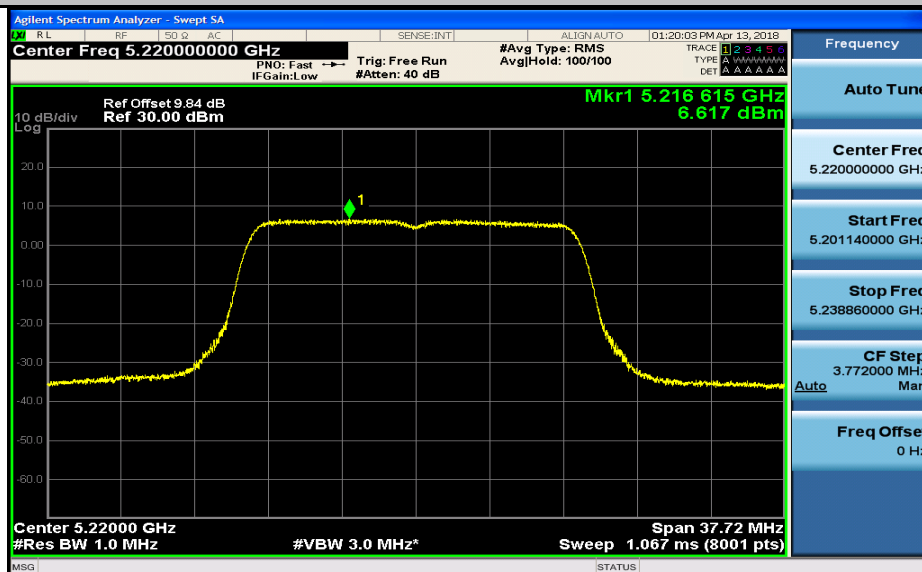
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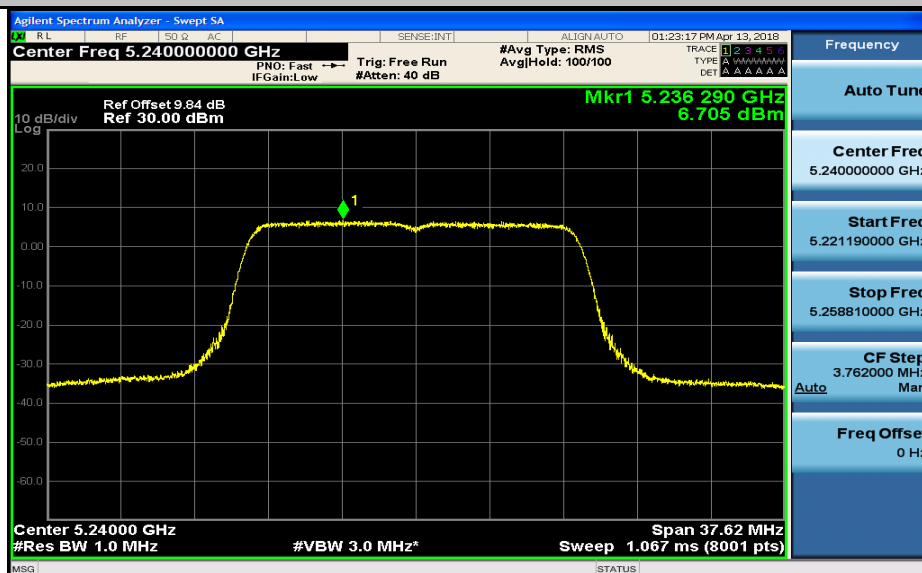
Maximum Power Spectral Density_TNVN_11A_5180_ANT4



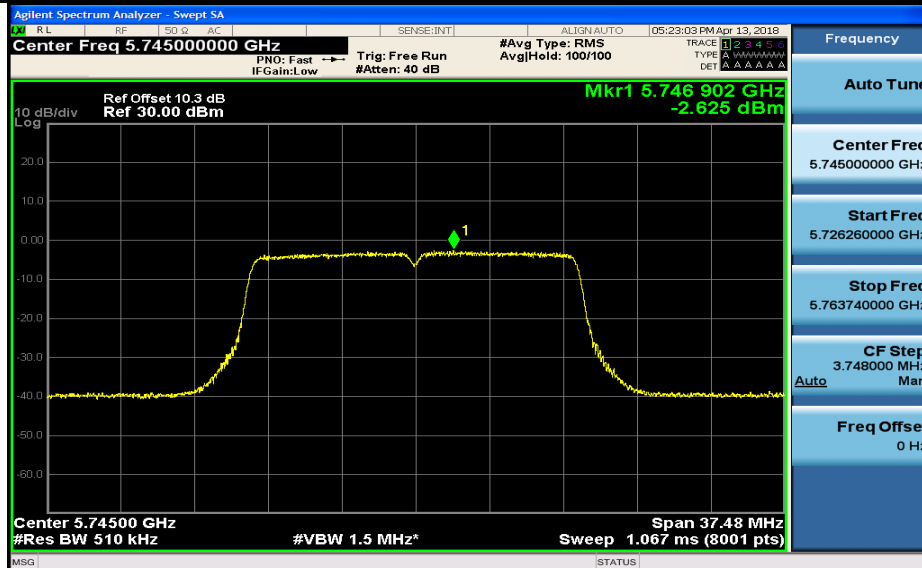
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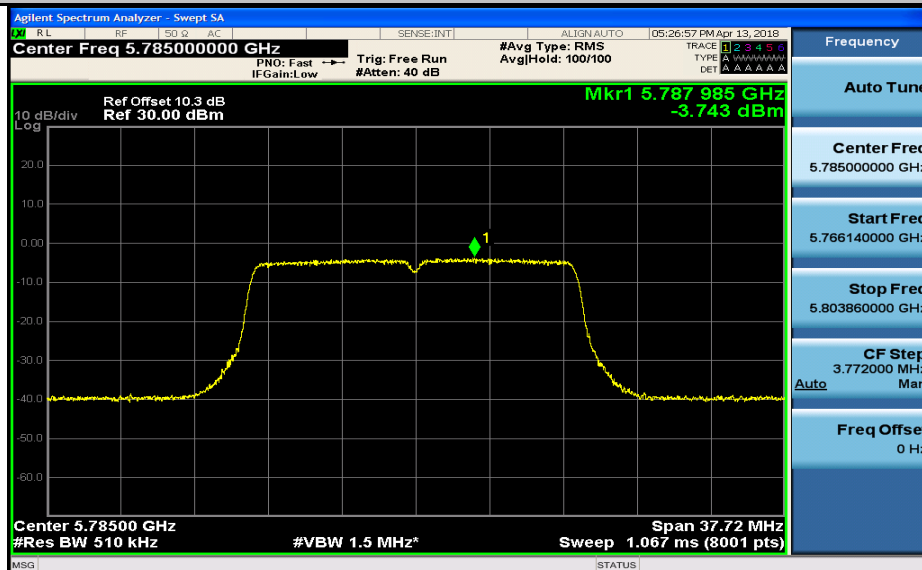
Maximum Power Spectral Density_TNVN_11A_5240_ANT4



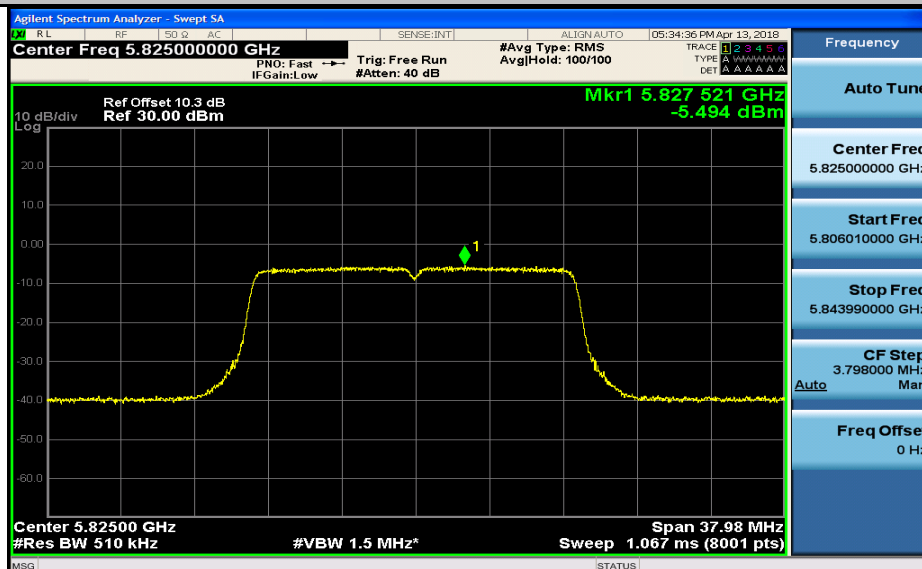
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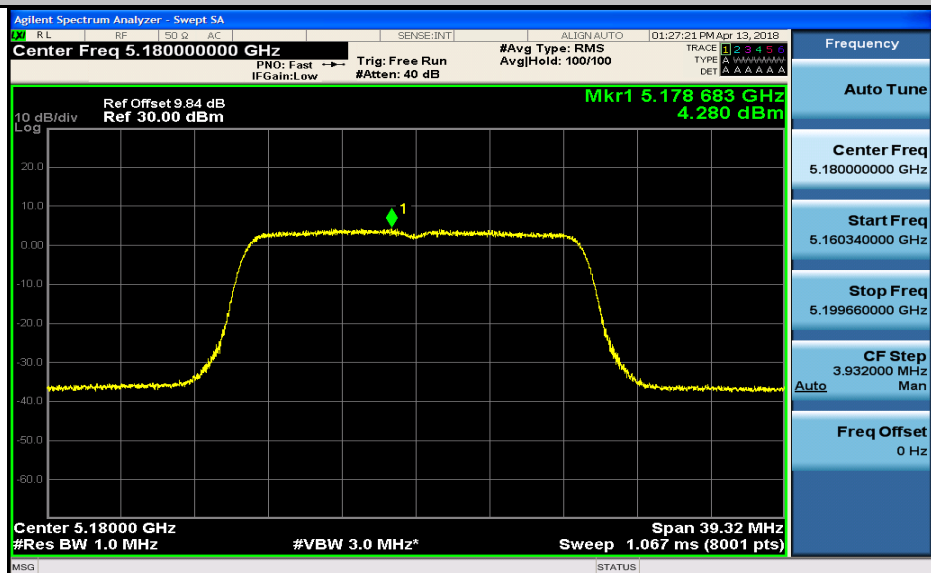
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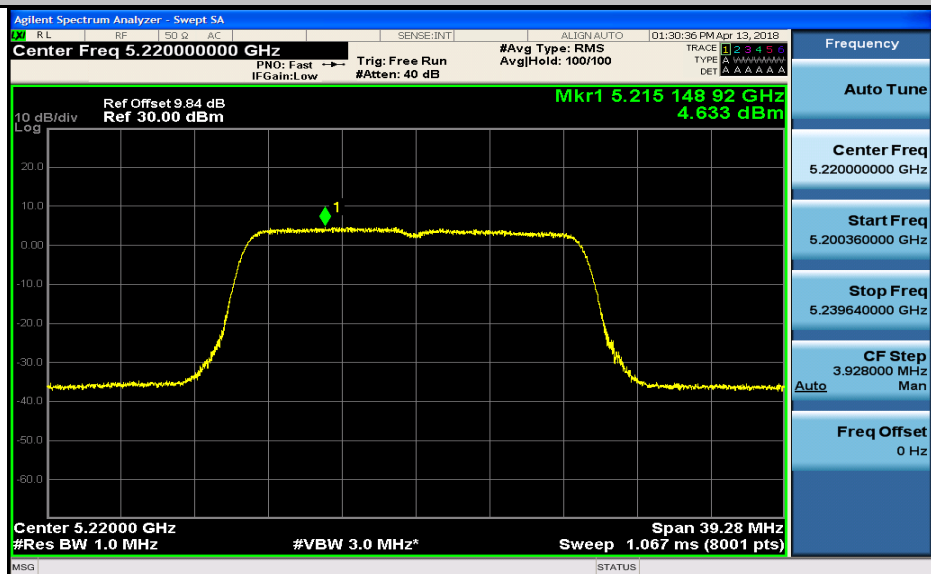
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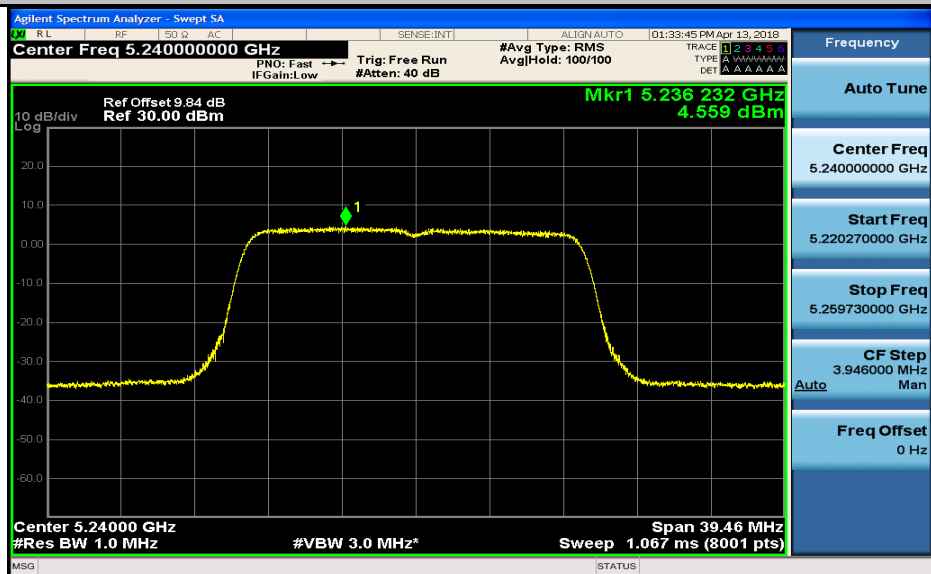
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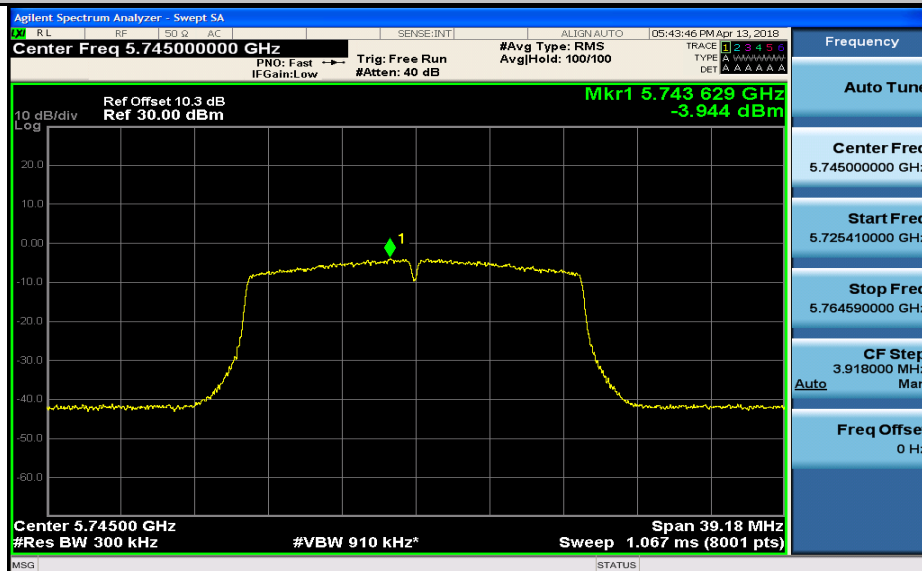
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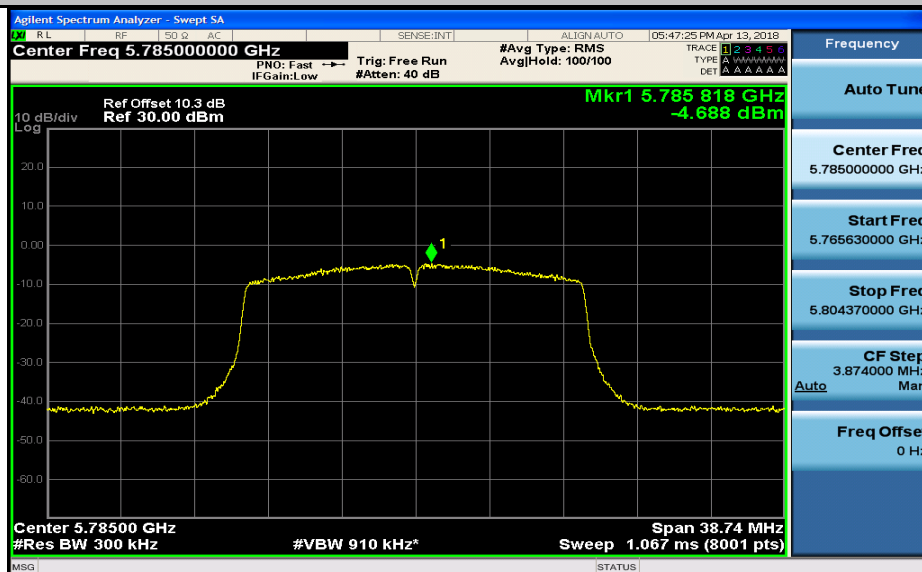
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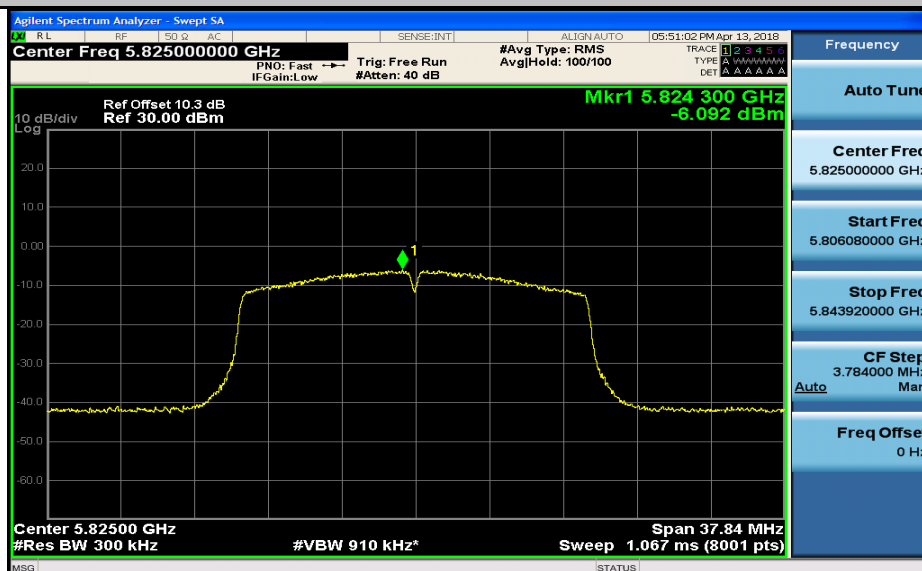
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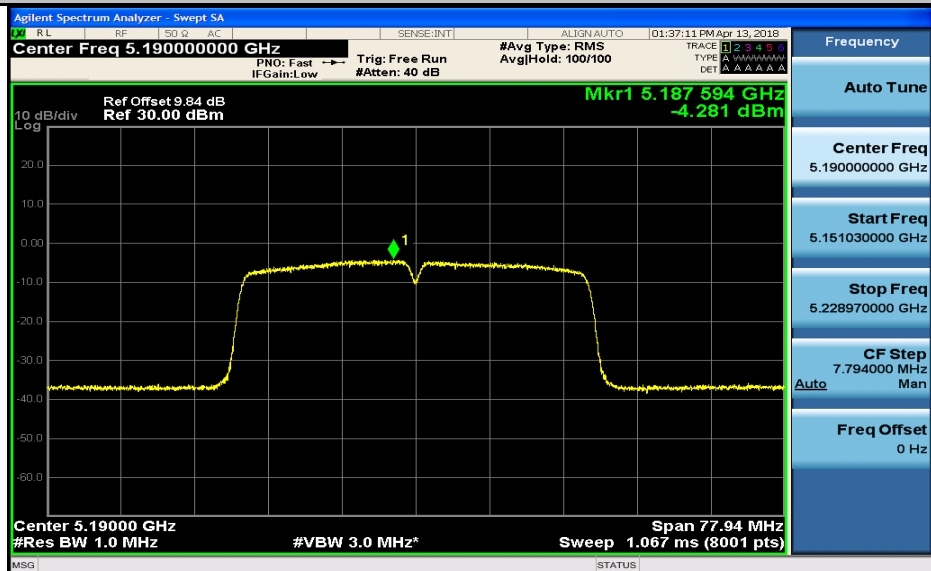
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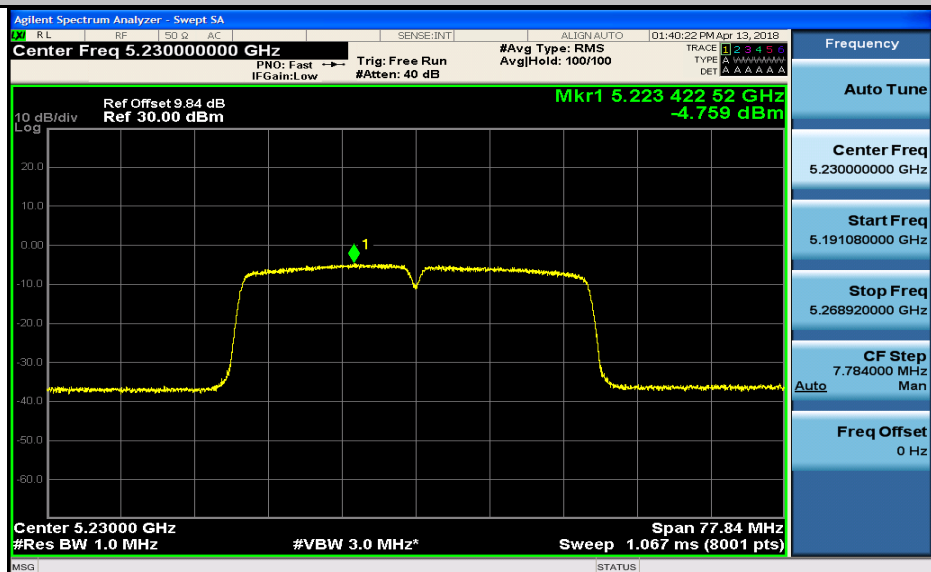
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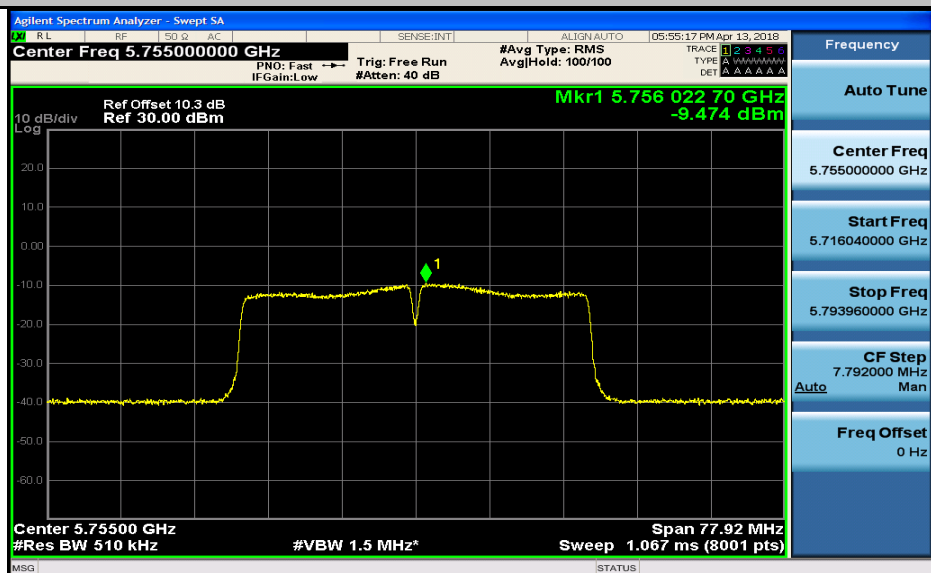
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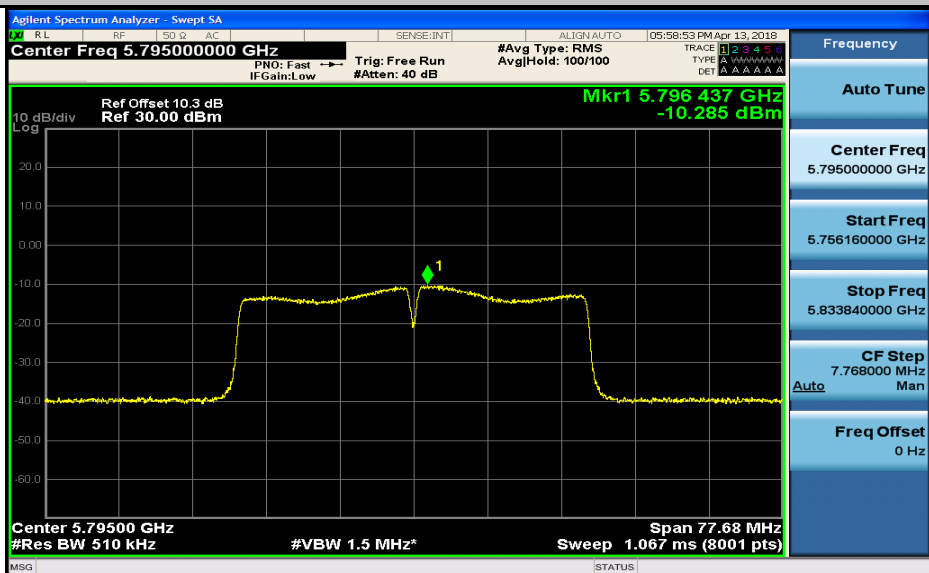
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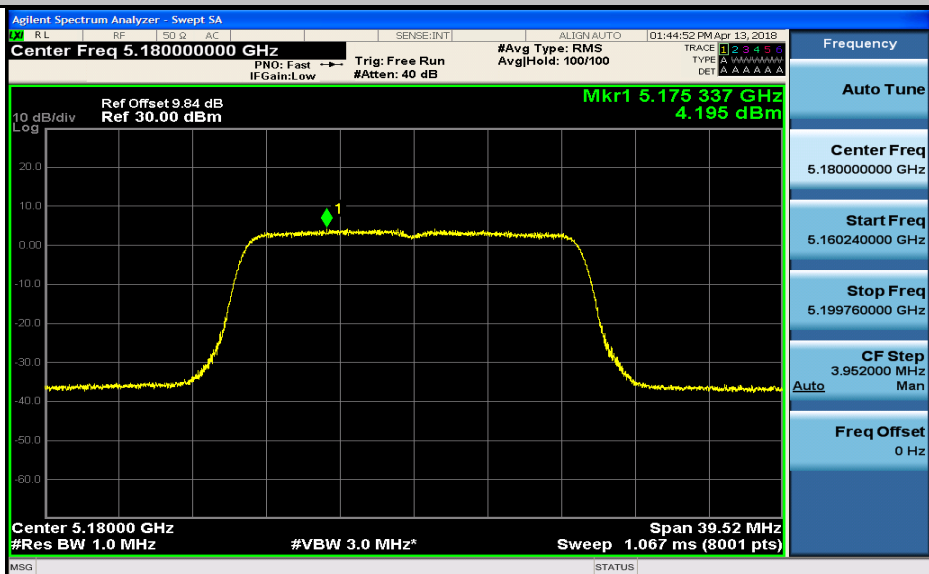
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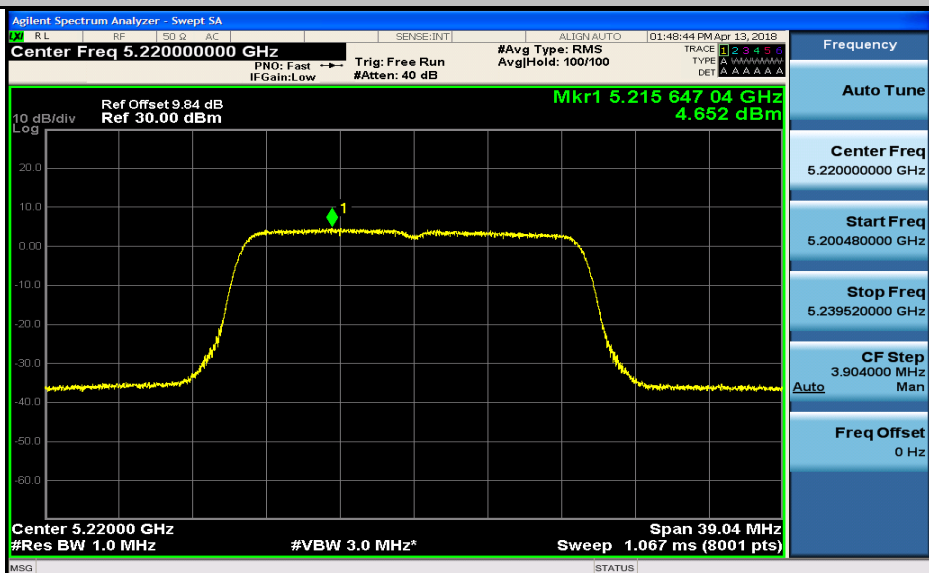
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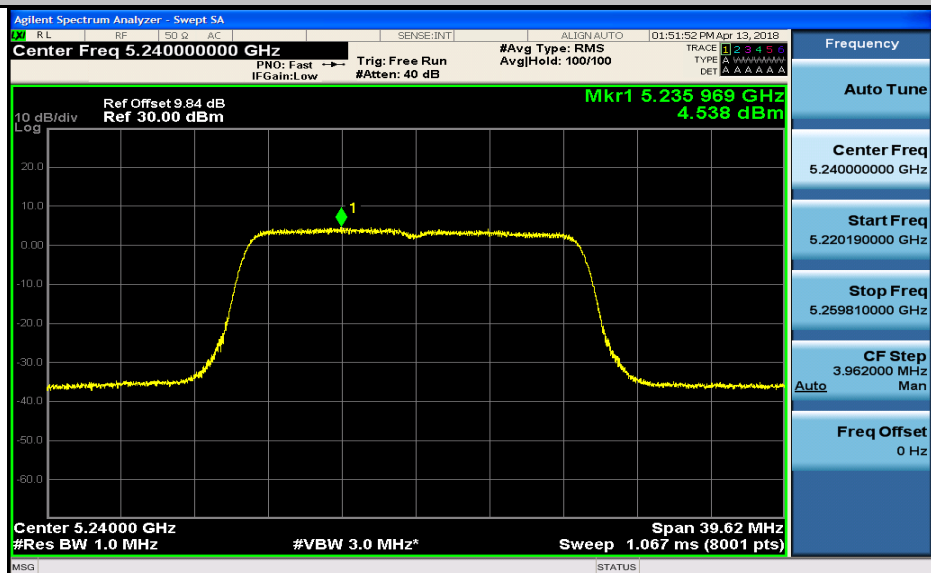
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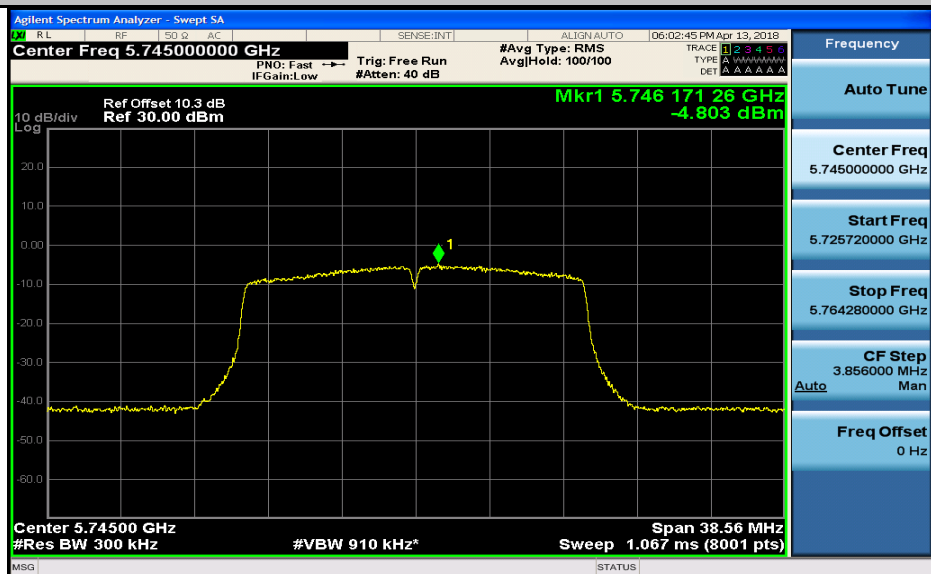
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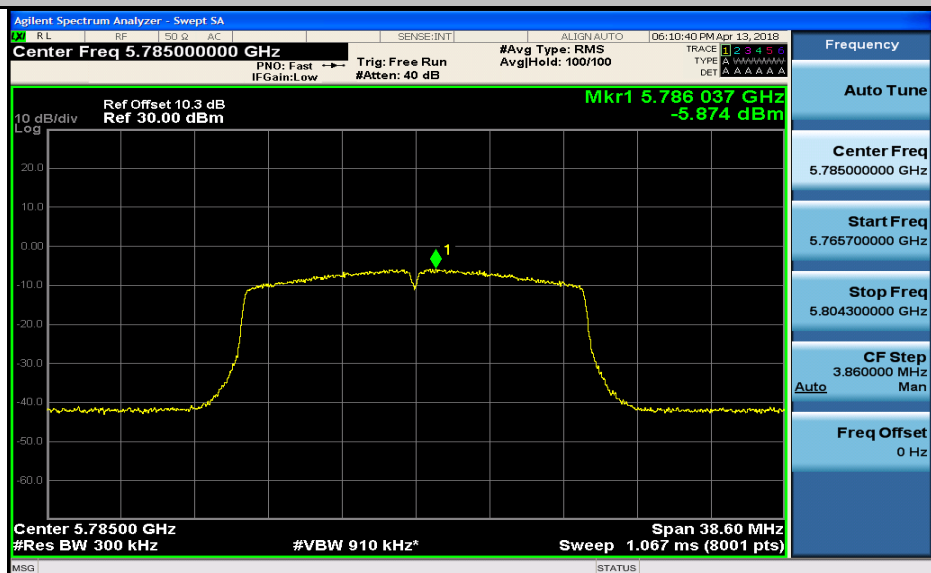
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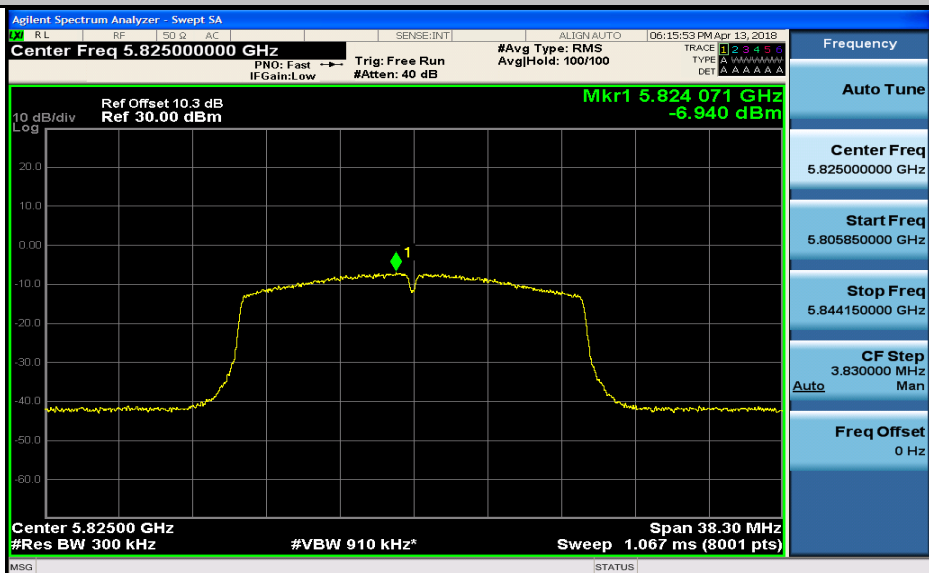
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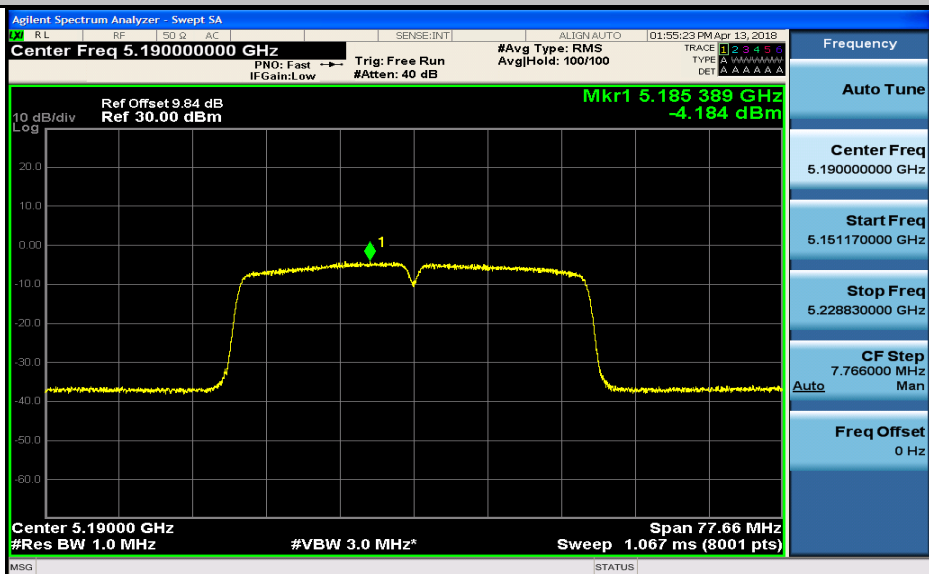
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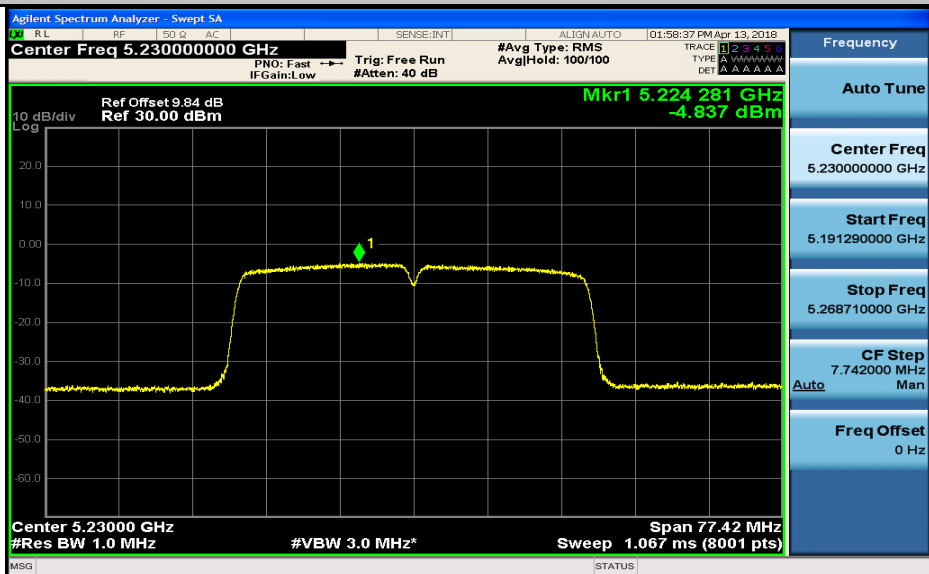
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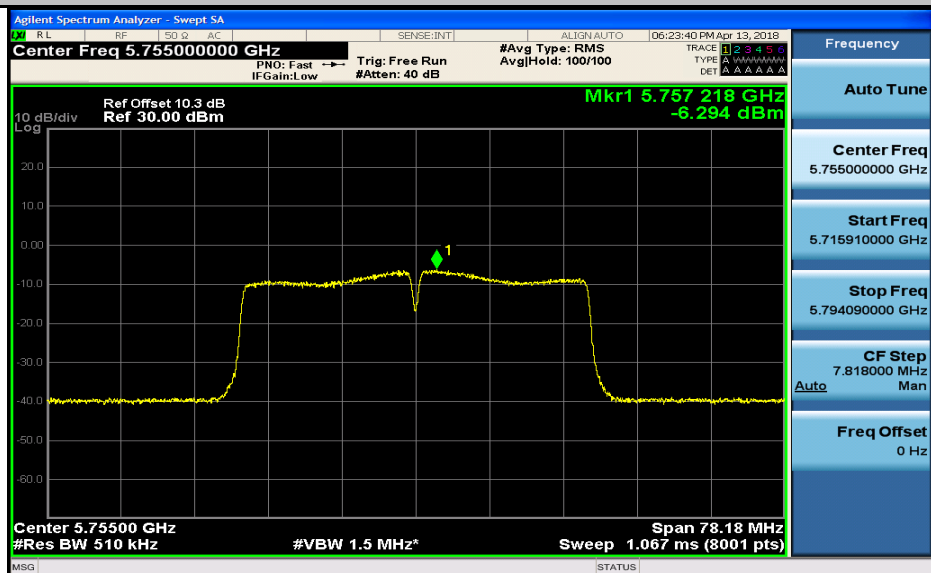
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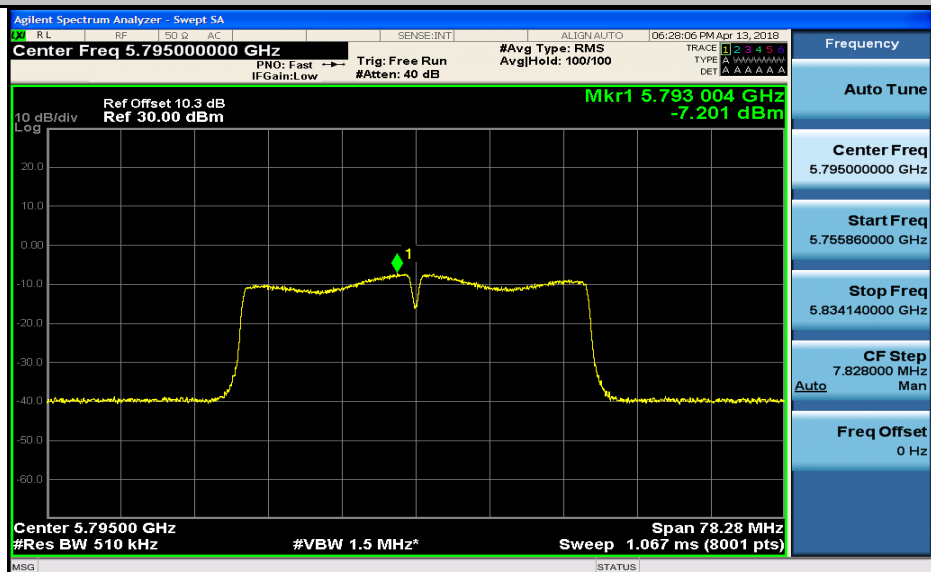
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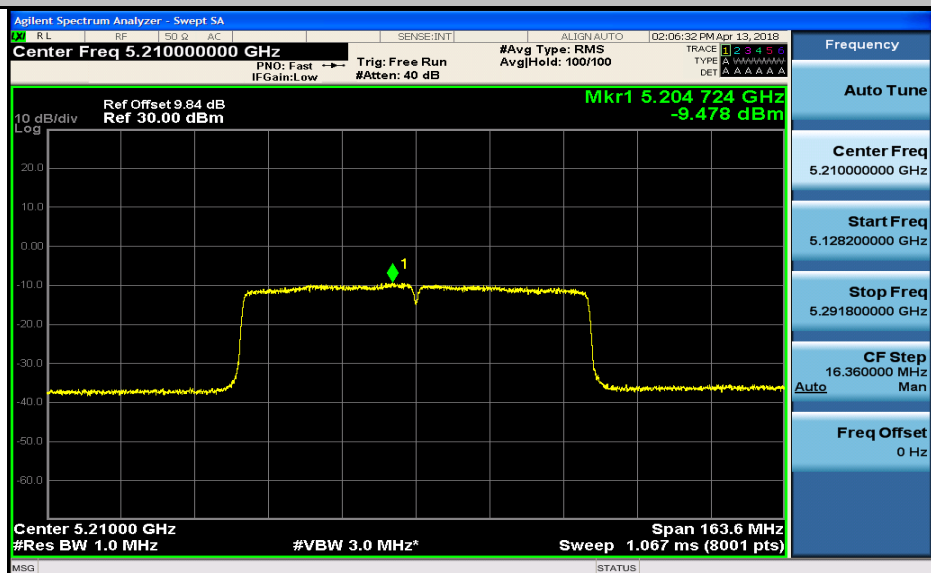
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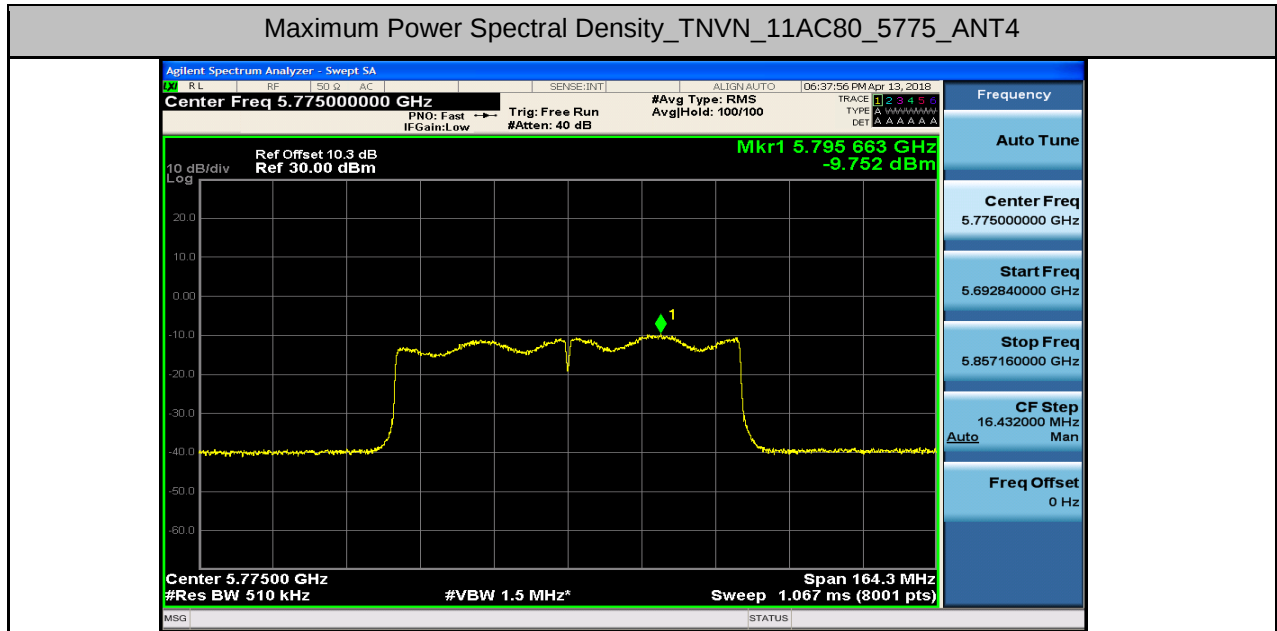
Maximum Power Spectral Density_TNVN_11AC40_5795_ANT4



Maximum Power Spectral Density_TNVN_11AC80_5210_ANT4



Maximum Power Spectral Density_TNVN_11AC80_5775_ANT4



6.Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT3	ANT4	ANT3	ANT4		
Band U-NII 1	Normal(120)	Extreme(-20)	5180	5180.0333	5180.0361	0.0333	0.0361	5.15- 5.25	Pass
		Extreme(-10)		5180.0315	5180.0319	0.0315	0.0319		Pass
		Extreme(0)		5180.0359	5180.0210	0.0359	0.0210		Pass
		Extreme(+10)		5180.0329	5180.0205	0.0329	0.0205		Pass
		Extreme(+20)		5180.0318	5180.0238	0.0318	0.0238		Pass
		Extreme(+30)		5180.0314	5180.0183	0.0314	0.0183		Pass
		Extreme(+40)		5180.0239	5180.0241	0.0239	0.0241		Pass
		Extreme(+55)		5180.0444	5180.0192	0.0444	0.0192		Pass
	Extreme(102)	Norma(+23)	5180.0104	5180.0455	0.0104	0.0455	Pass		
	Extreme(138)		5180.0358	5180.0149	0.0358	0.0149	Pass		
	Normal(120)	5240	Extreme(-20)	5240.0263	5240.0392	0.0263	0.0392		Pass
			Extreme(-10)	5240.0240	5240.0248	0.0240	0.0248		Pass
			Extreme(0)	5240.0360	5240.0391	0.0360	0.0391		Pass
			Extreme(+10)	5240.0355	5240.0469	0.0355	0.0469		Pass
			Extreme(+20)	5240.0459	5240.0454	0.0459	0.0454		Pass
			Extreme(+30)	5240.0222	5240.0329	0.0222	0.0329		Pass
			Extreme(+40)	5240.0109	5240.0448	0.0109	0.0448		Pass
			Extreme(+55)	5240.0494	5240.0446	0.0494	0.0446		Pass
Extreme(102)	Norma(23)	5240.0449	5240.0312	0.0449	0.0312	Pass			
Extreme(138)		5240.0391	5240.0249	0.0391	0.0249	Pass			
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT3	ANT4	ANT3	ANT4		
Band U-NII 3	Normal(120V)	Extreme(-20)	5745	5745.0473	5745.0364	0.0473	0.0364	5.725- 5.85	Pass
		Extreme(-10)		5745.0413	5745.0269	0.0413	0.0269		Pass
		Extreme(0)		5745.0277	5745.0235	0.0277	0.0235		Pass
		Extreme(+10)		5745.0117	5745.0107	0.0117	0.0107		Pass
		Extreme(+20)		5745.0325	5745.0252	0.0325	0.0252		Pass
		Extreme(+30)		5745.0472	5745.0383	0.0472	0.0383		Pass
		Extreme(+40)		5745.0320	5745.0292	0.0320	0.0292		Pass
		Extreme(+55)		5745.0291	5745.0121	0.0291	0.0121		Pass
	Extreme(102)	Norma(+23)	5745.0434	5745.0311	0.0434	0.0311	Pass		
	Extreme(138)		5745.0492	5745.0146	0.0492	0.0146	Pass		
	Normal(120)	5825	Extreme(-20)	5825.0427	5825.0388	0.0427	0.0388		Pass
			Extreme(-10)	5825.0427	5825.0198	0.0427	0.0198		Pass
			Extreme(0)	5825.0253	5825.0332	0.0253	0.0332		Pass
			Extreme(+10)	5825.0238	5825.0132	0.0238	0.0132		Pass
			Extreme(+20)	5825.0193	5825.0141	0.0193	0.0141		Pass
			Extreme(+30)	5825.0337	5825.0381	0.0337	0.0381		Pass
			Extreme(+40)	5825.0154	5825.0110	0.0154	0.0110		Pass
			Extreme(+55)	5825.0274	5825.0328	0.0274	0.0328		Pass
Extreme(138)	Norma(20)	5825.0472	5825.0423	0.0472	0.0423	Pass			



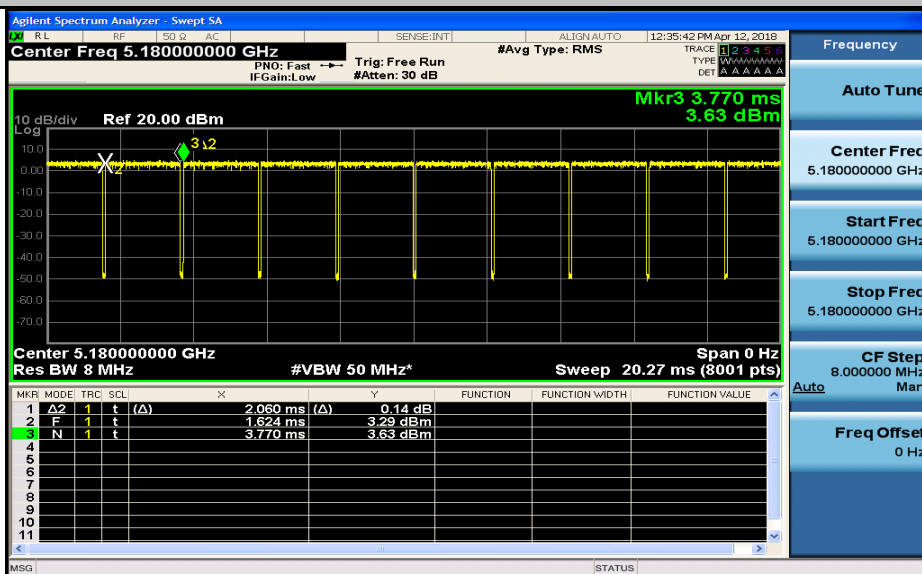
	Extreme(102)			5825.0121	5825.0124	0.0121	0.0124		Pass
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Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would 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.

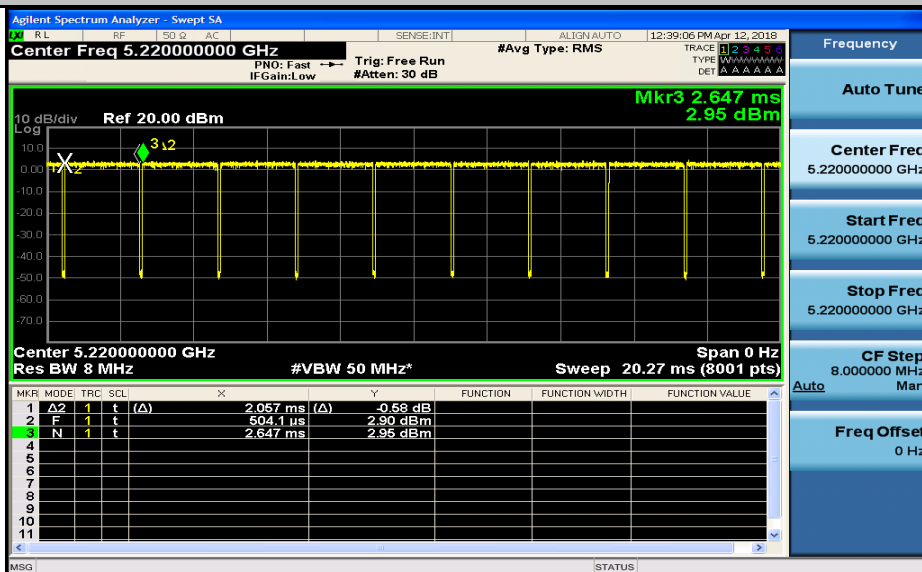
7.Duty Cycle

Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		ANT3	ANT4	ANT3	ANT4
11A	5180	95.99	95.99	0.18	0.18
11A	5220	95.98	95.99	0.18	0.18
11A	5240	95.99	95.99	0.18	0.18
11A	5745	95.99	95.98	0.18	0.18
11A	5785	95.99	95.99	0.18	0.18
11A	5825	95.99	95.98	0.18	0.18
11N20	5180	98.31	98.30	0.07	0.07
11N20	5220	98.30	98.31	0.07	0.07
11N20	5240	97.91	98.26	0.09	0.08
11N20	5745	98.26	98.31	0.08	0.07
11N20	5785	98.31	98.30	0.07	0.07
11N20	5825	98.30	98.30	0.07	0.07
11N40	5190	96.57	96.47	0.15	0.16
11N40	5230	96.57	96.57	0.15	0.15
11N40	5755	96.57	96.57	0.15	0.15
11N40	5795	96.57	96.57	0.15	0.15
11AC20	5180	98.36	98.36	0.07	0.07
11AC20	5220	98.36	98.36	0.07	0.07
11AC20	5240	98.41	98.36	0.07	0.07
11AC20	5745	98.41	98.36	0.07	0.07
11AC20	5785	98.36	98.36	0.07	0.07
11AC20	5825	98.36	98.36	0.07	0.07
11AC40	5190	96.48	96.58	0.16	0.15
11AC40	5230	96.58	96.58	0.15	0.15
11AC40	5755	96.48	96.58	0.16	0.15
11AC40	5795	96.58	96.48	0.15	0.16
11AC80	5210	93.37	93.37	0.30	0.30
11AC80	5775	93.37	93.37	0.30	0.30

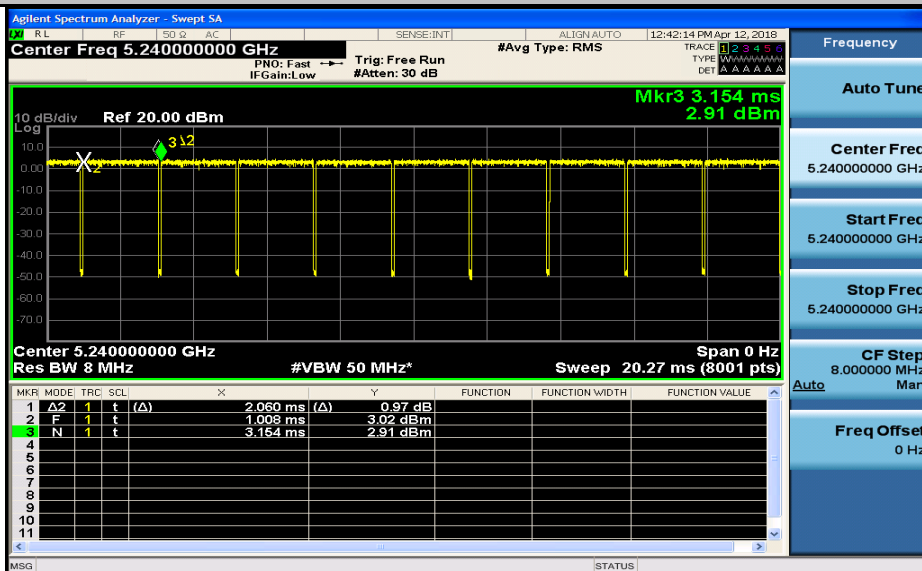
Duty Cycle_11A_5180_ANT3



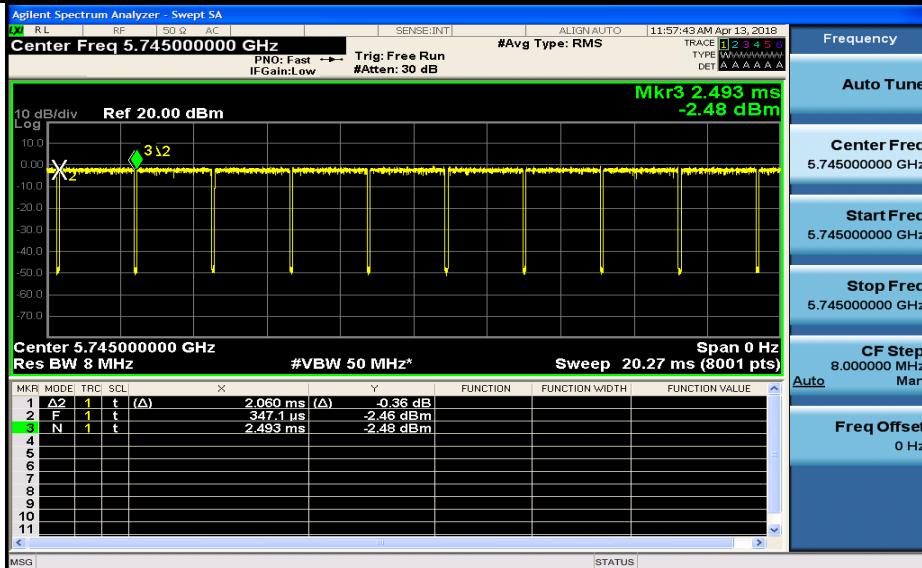
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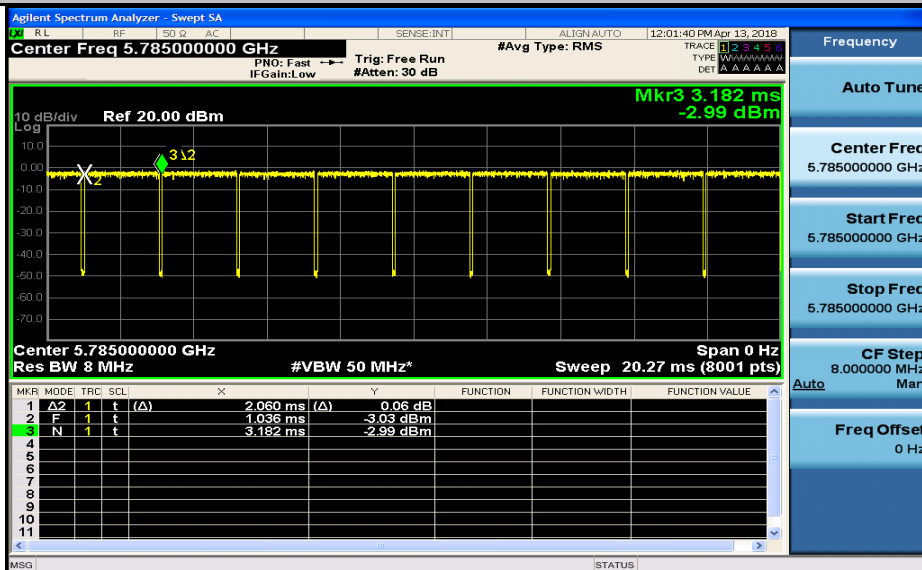
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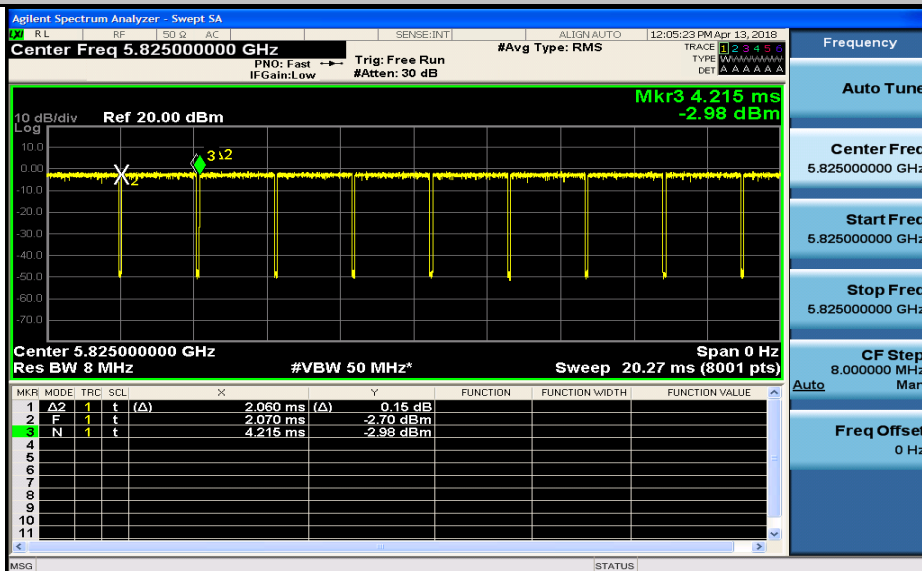
Duty Cycle_11A_5745_ANT3



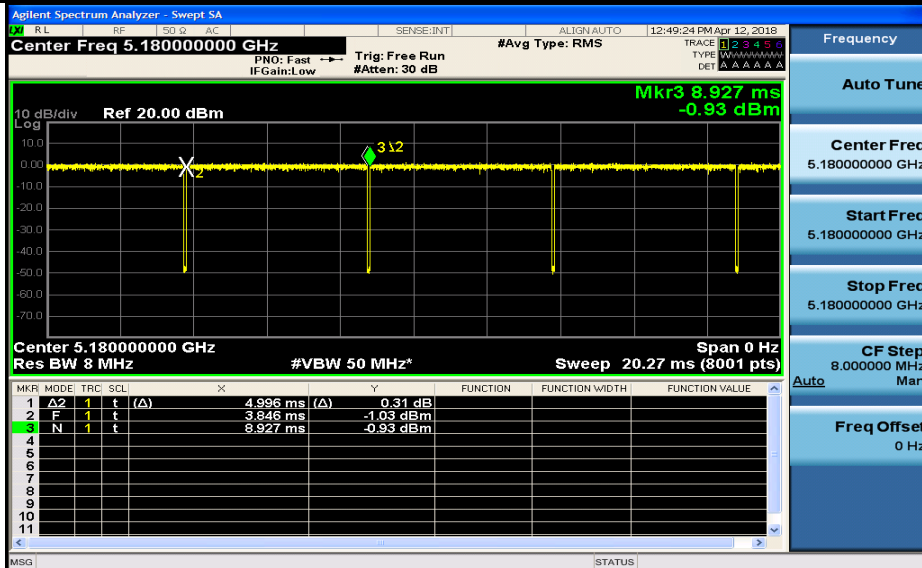
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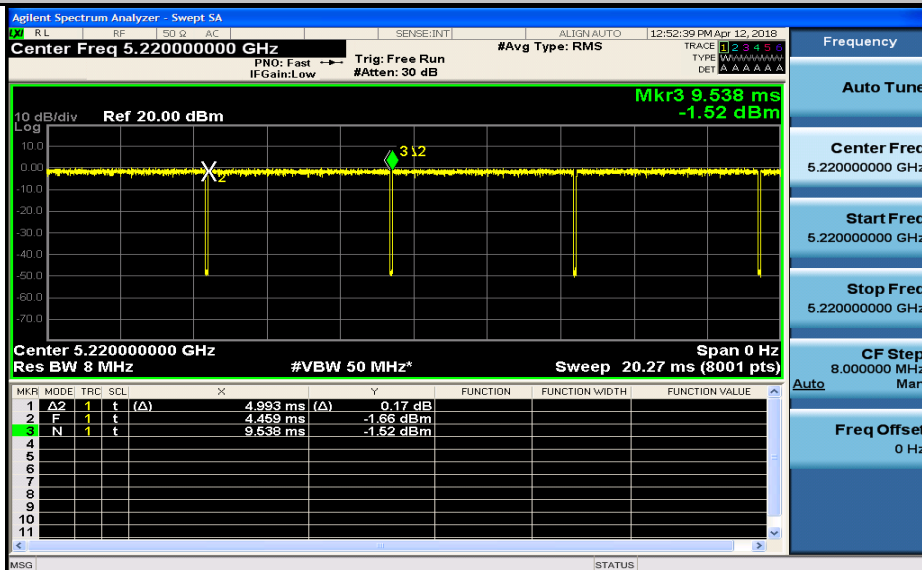
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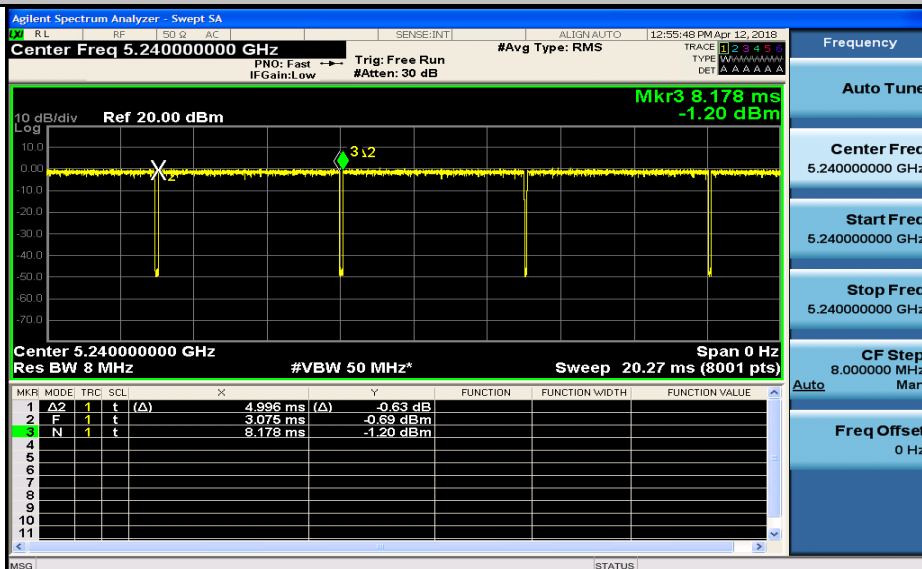
Duty Cycle_11N20_5180_ANT3



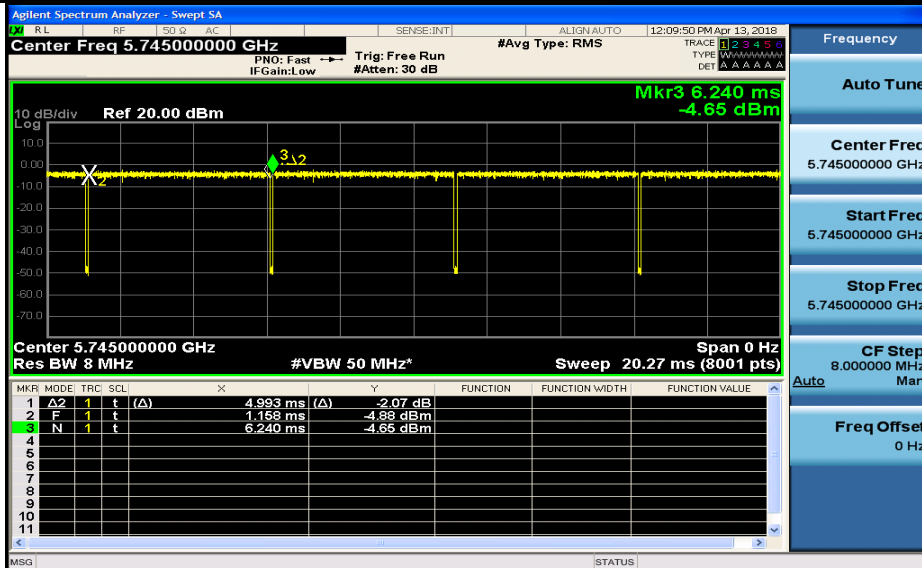
Duty Cycle_11N20_5220_ANT3



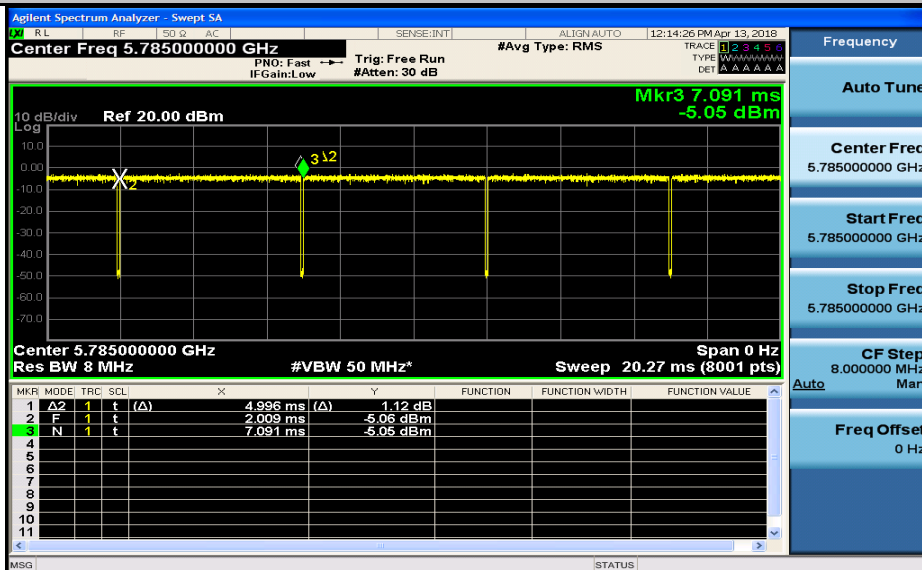
Duty Cycle_11N20_5240_ANT3



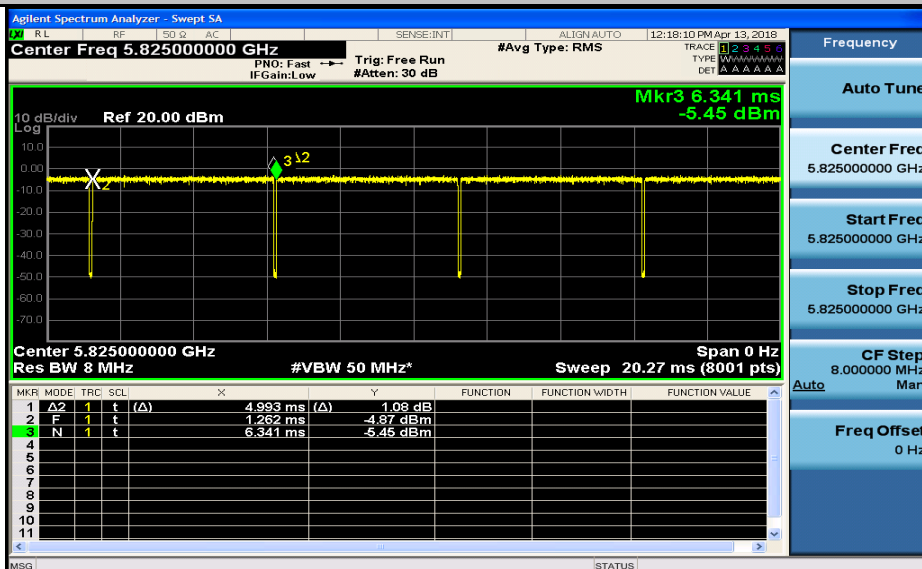
Duty Cycle_11N20_5745_ANT3



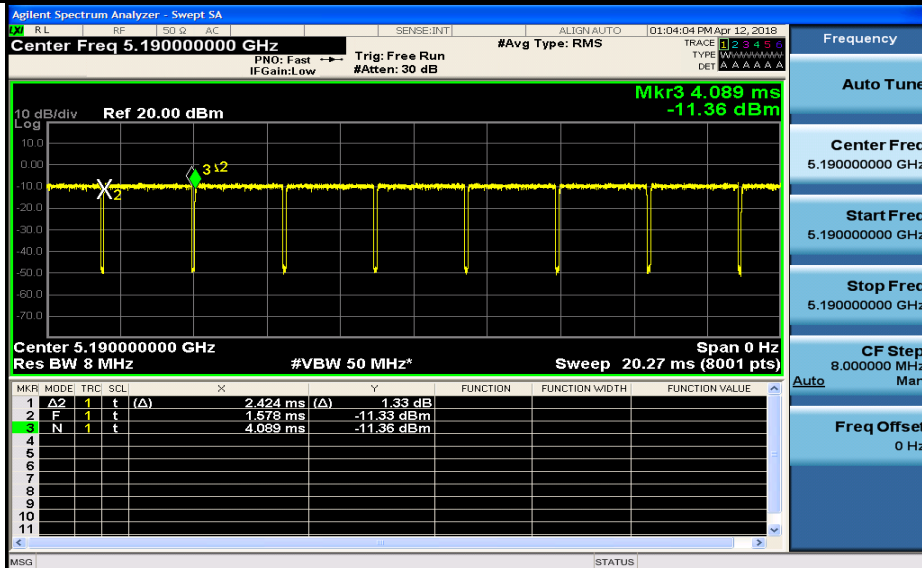
Duty Cycle_11N20_5785_ANT3



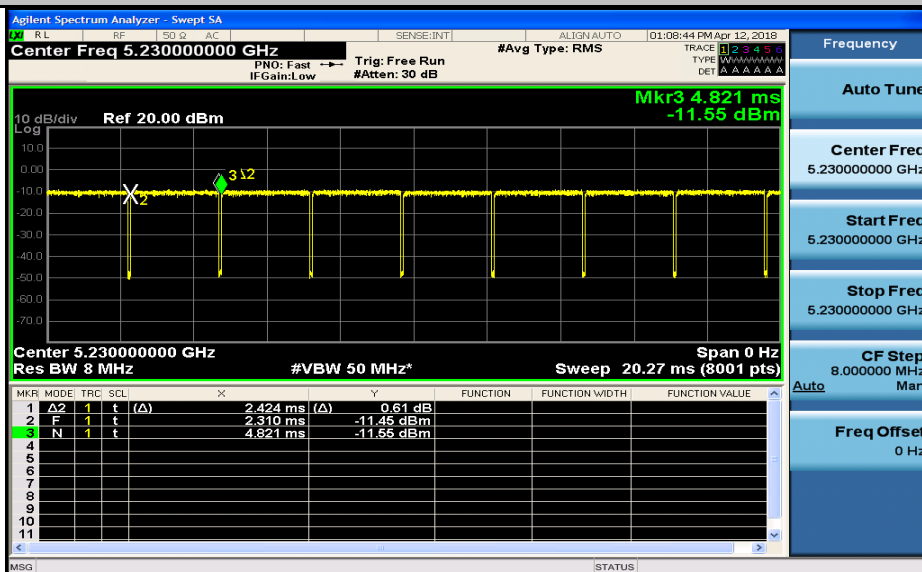
Duty Cycle_11N20_5825_ANT3



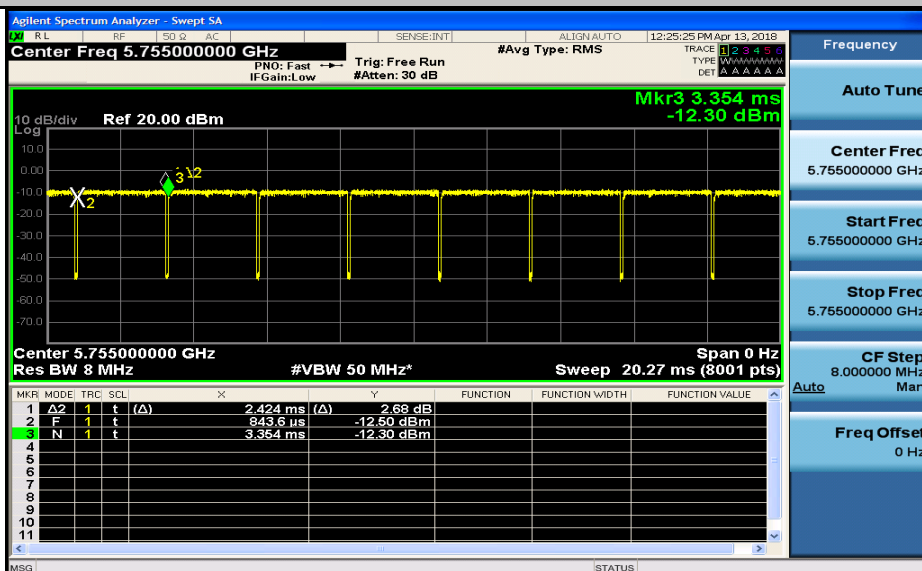
Duty Cycle_11N40_5190_ANT3



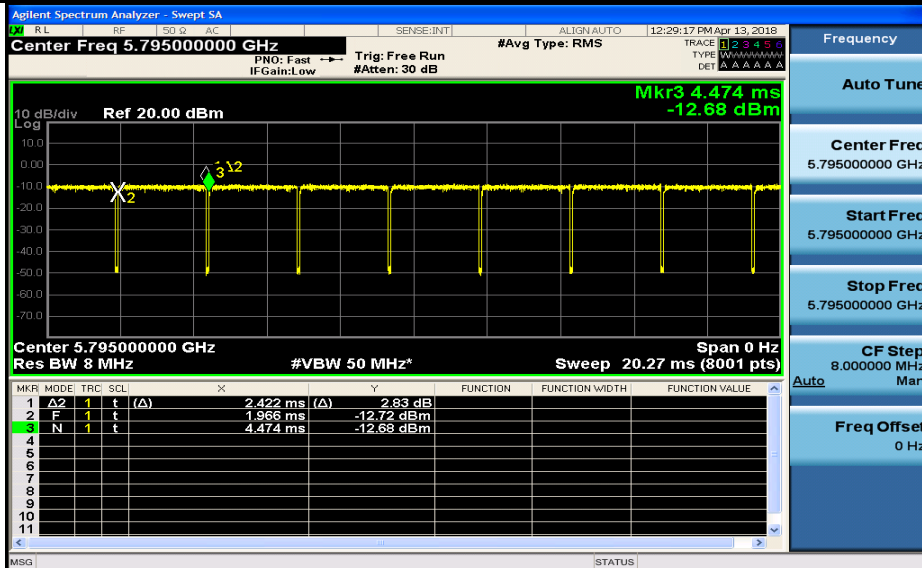
Duty Cycle_11N40_5230_ANT3



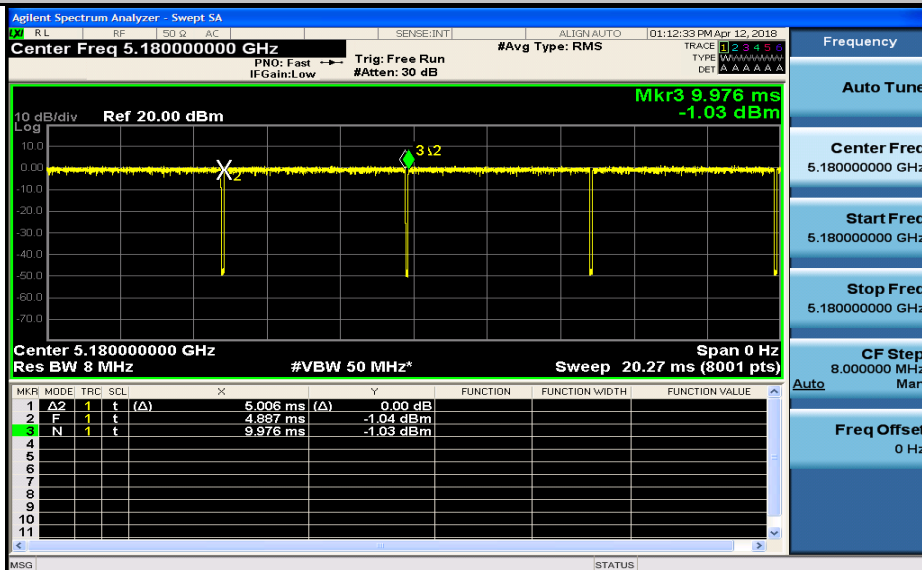
Duty Cycle_11N40_5755_ANT3



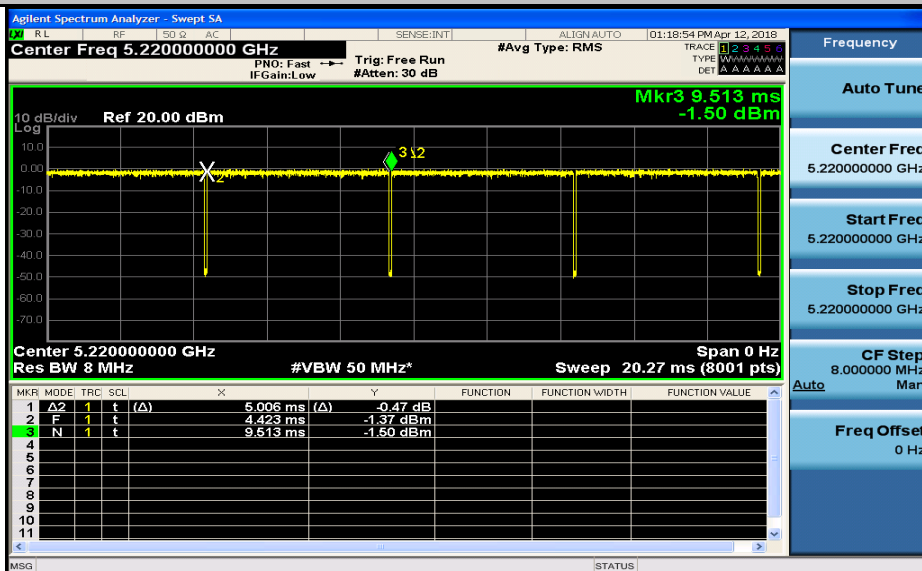
Duty Cycle_11N40_5795_ANT3



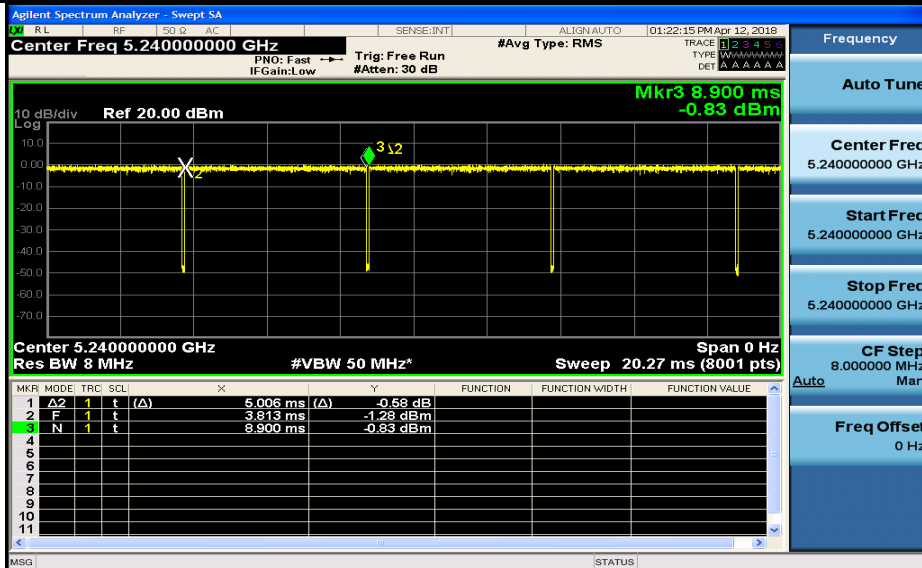
Duty Cycle_11AC20_5180_ANT3



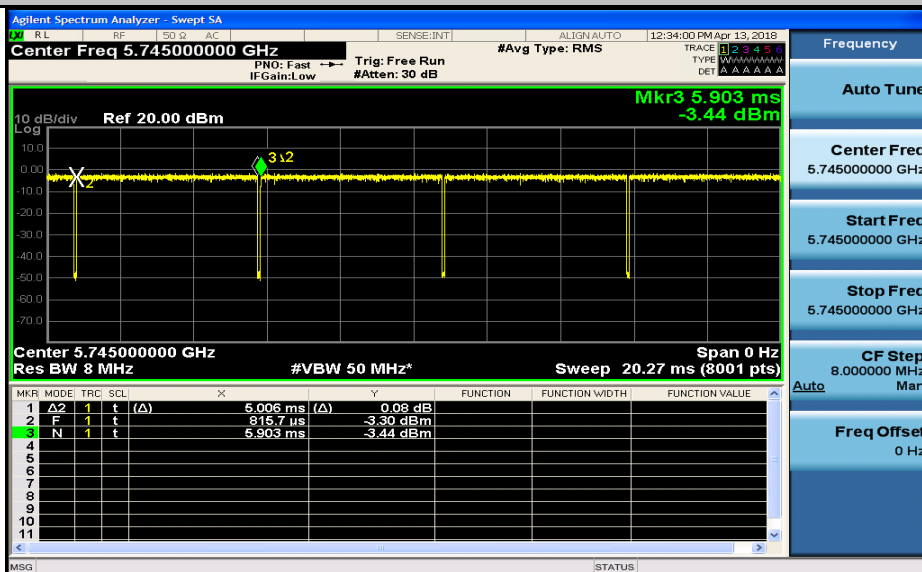
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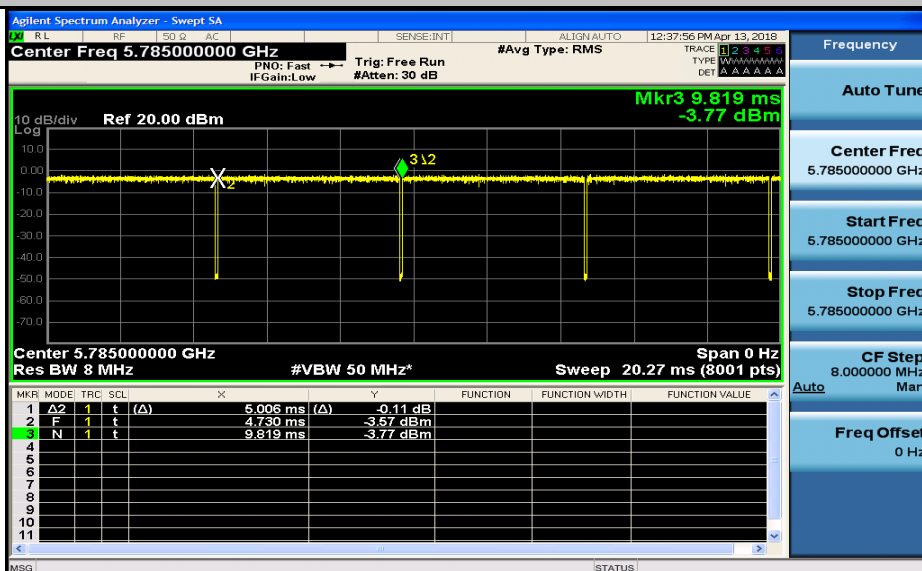
Duty Cycle_11AC20_5240_ANT3



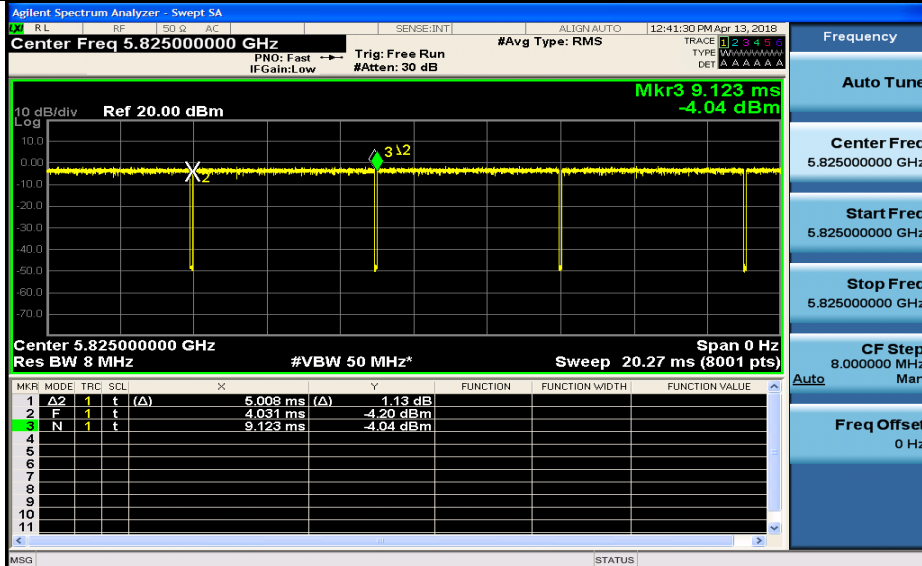
Duty Cycle_11AC20_5745_ANT3



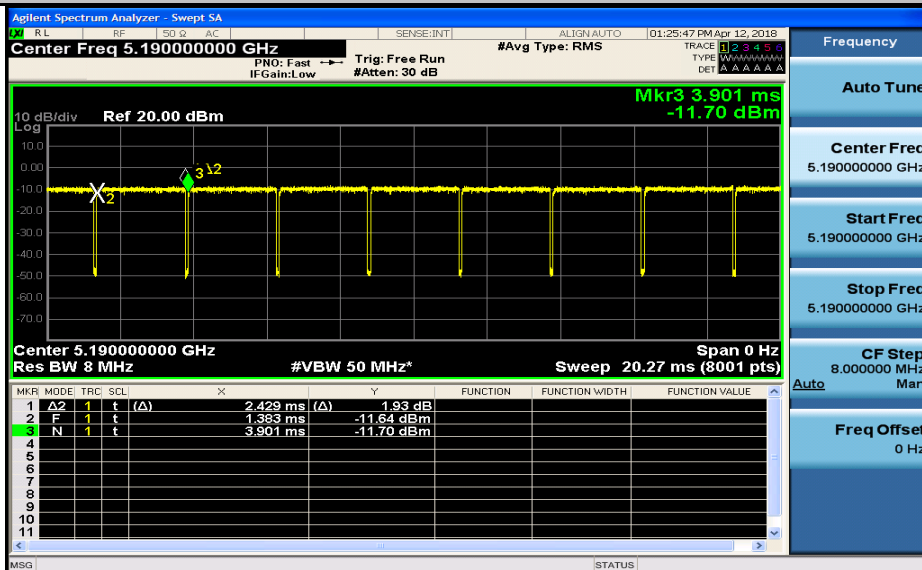
Duty Cycle_11AC20_5785_ANT3



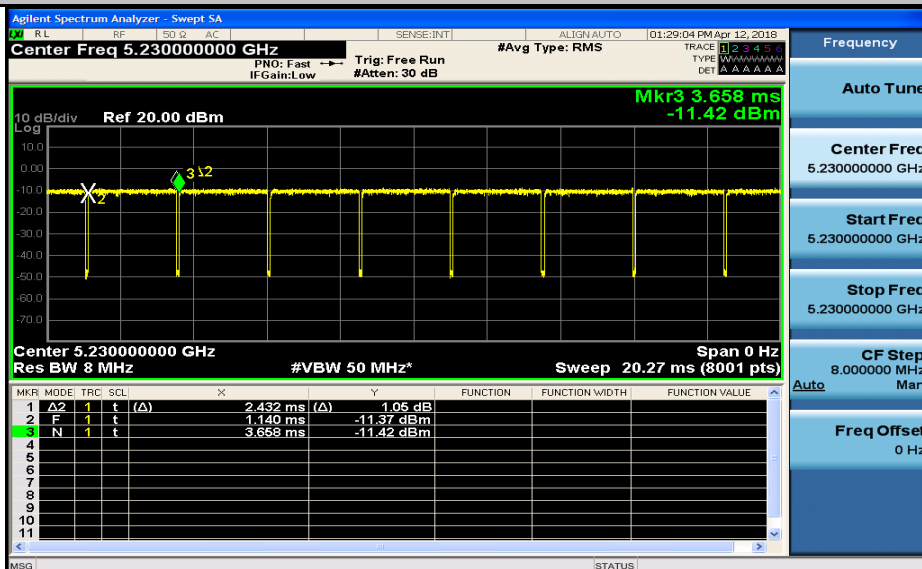
Duty Cycle_11AC20_5825_ANT3



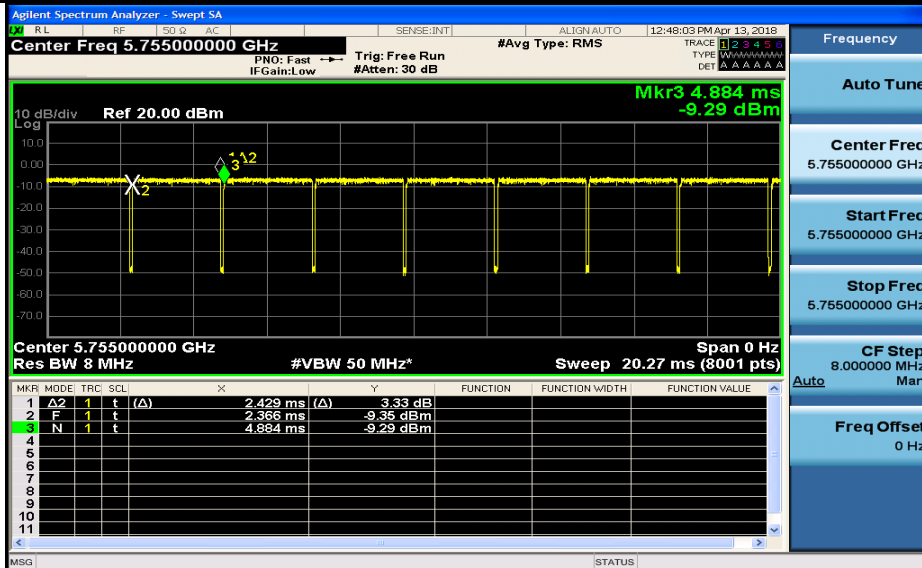
Duty Cycle_11AC40_5190_ANT3



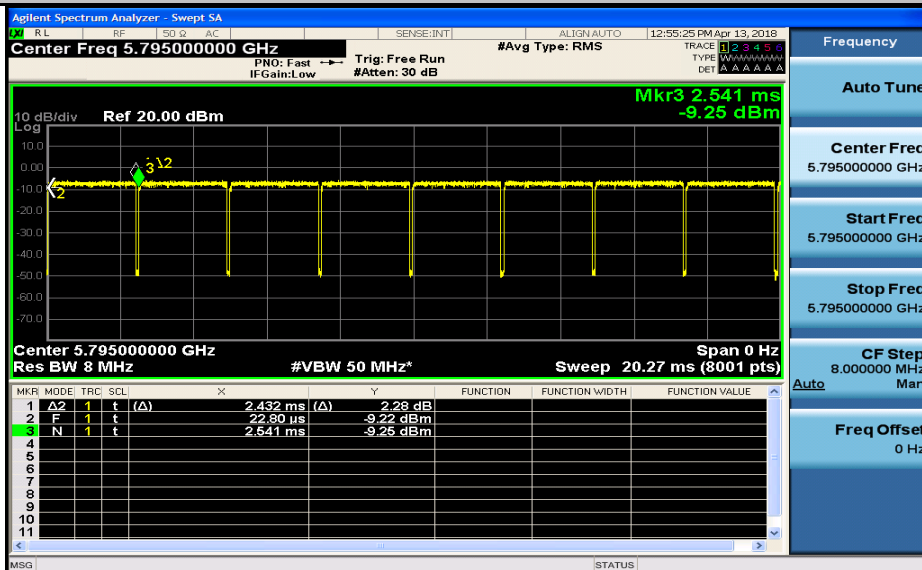
Duty Cycle_11AC40_5230_ANT3



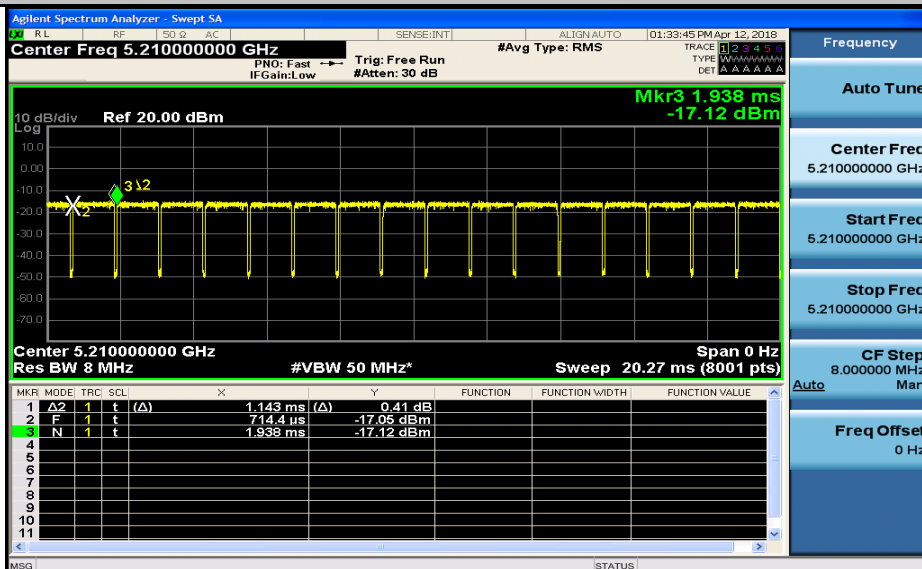
Duty Cycle_11AC40_5755_ANT3

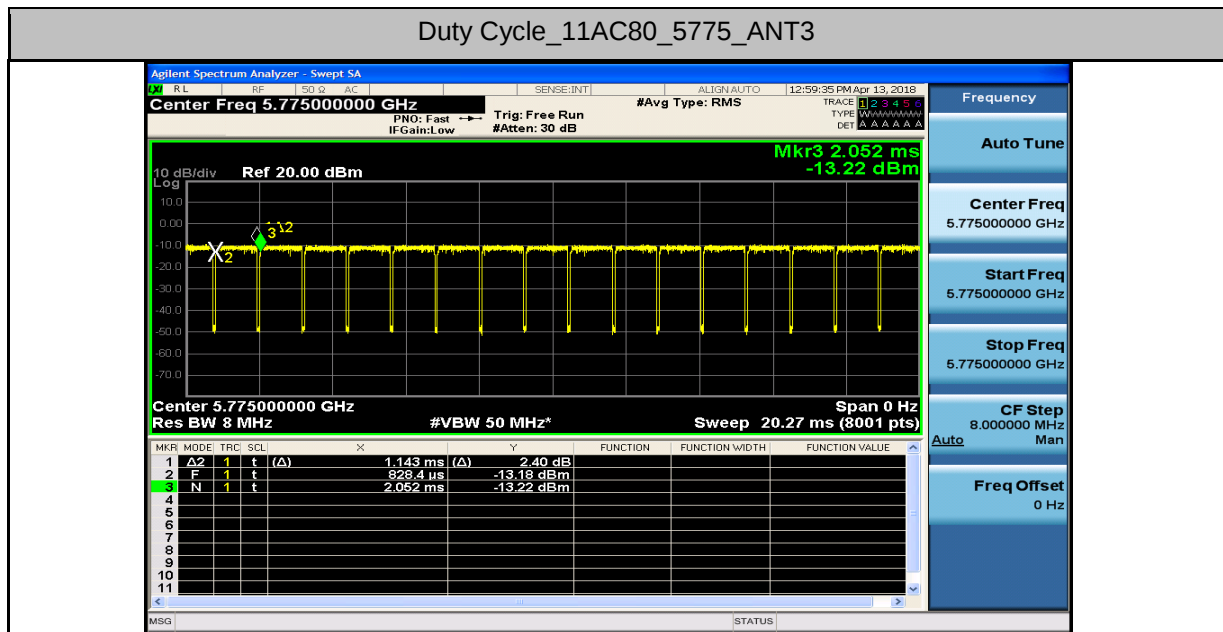


Duty Cycle_11AC40_5795_ANT3

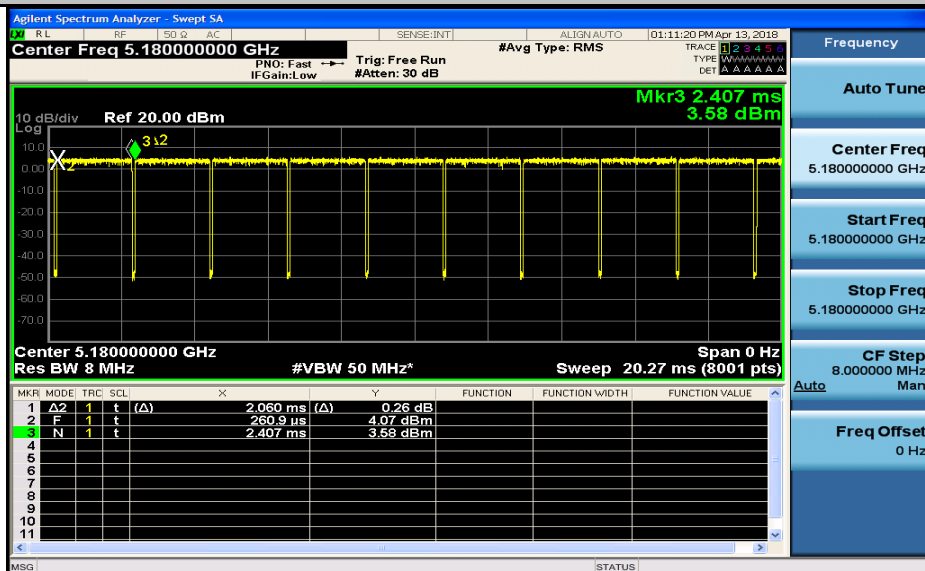


Duty Cycle_11AC80_5210_ANT3

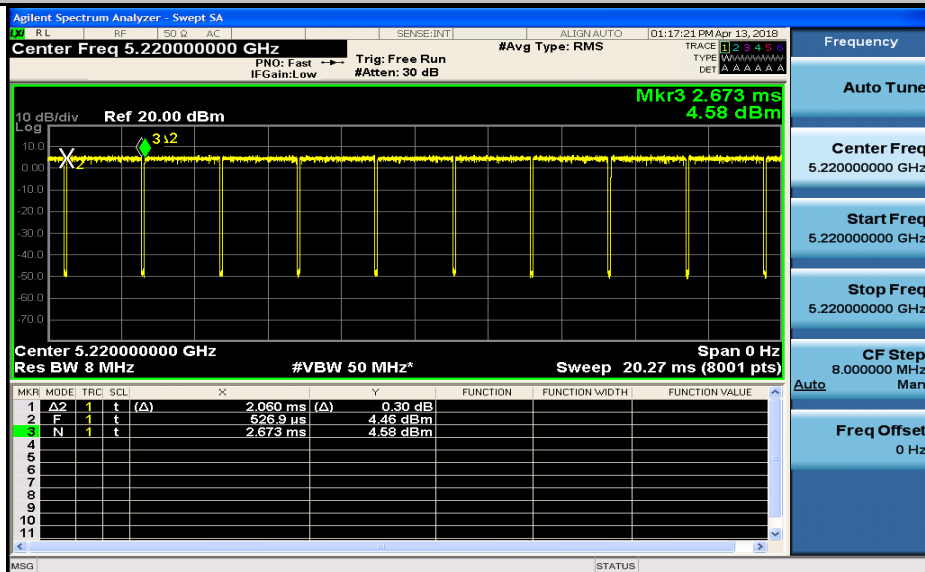




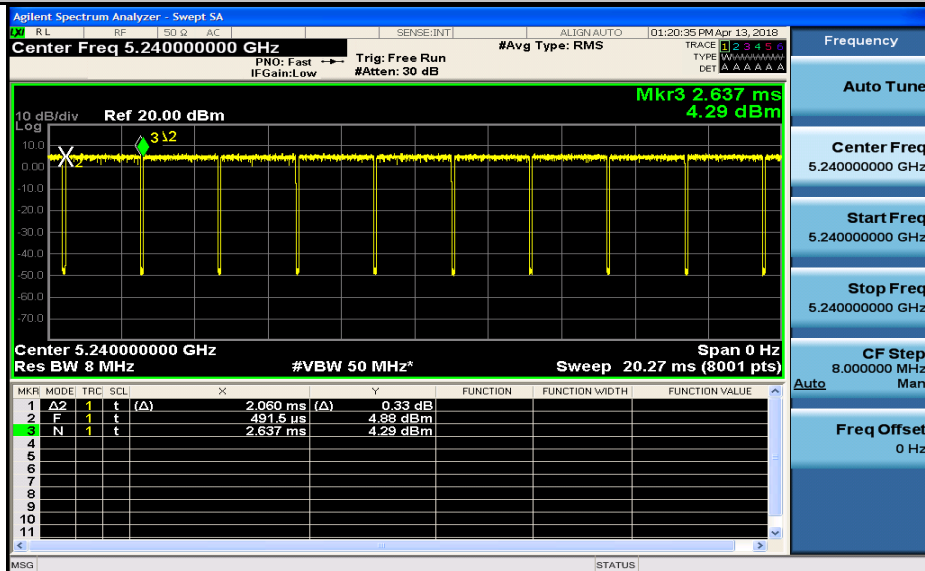
Duty Cycle_11A_5180_ANT4



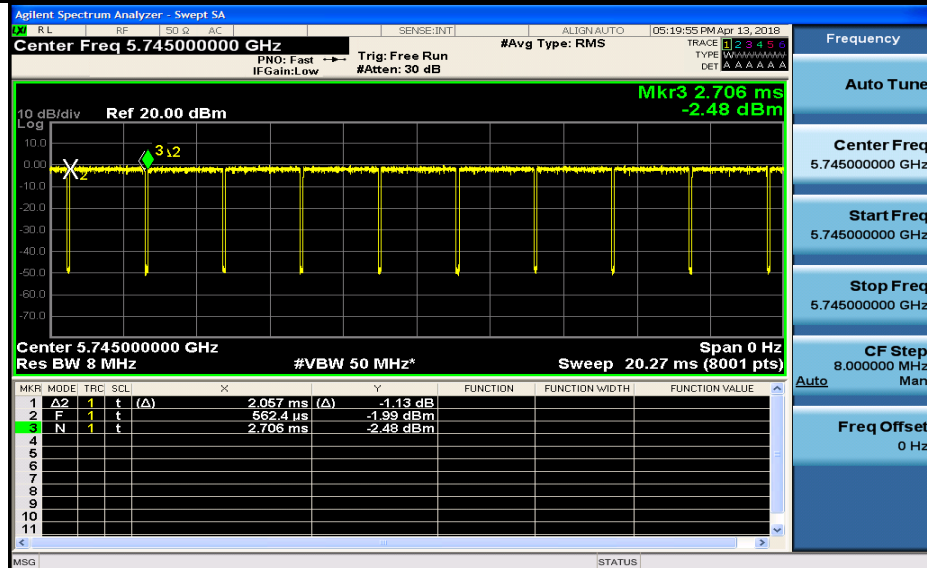
Duty Cycle_11A_5220_ANT4



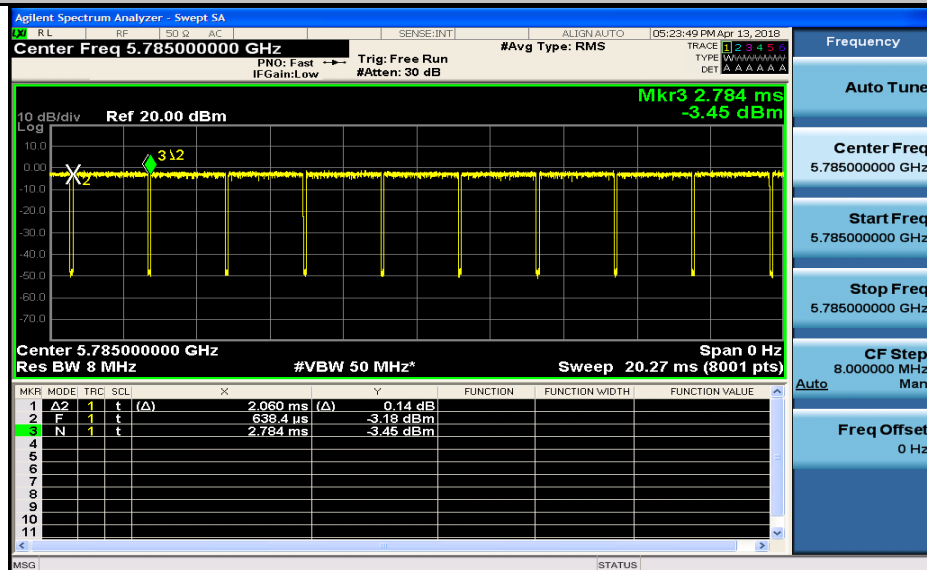
Duty Cycle_11A_5240_ANT4



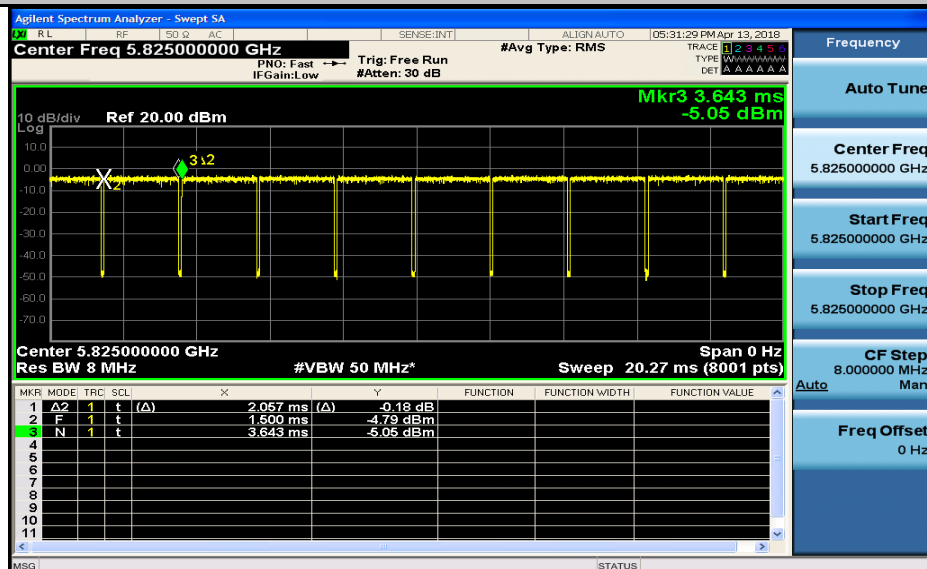
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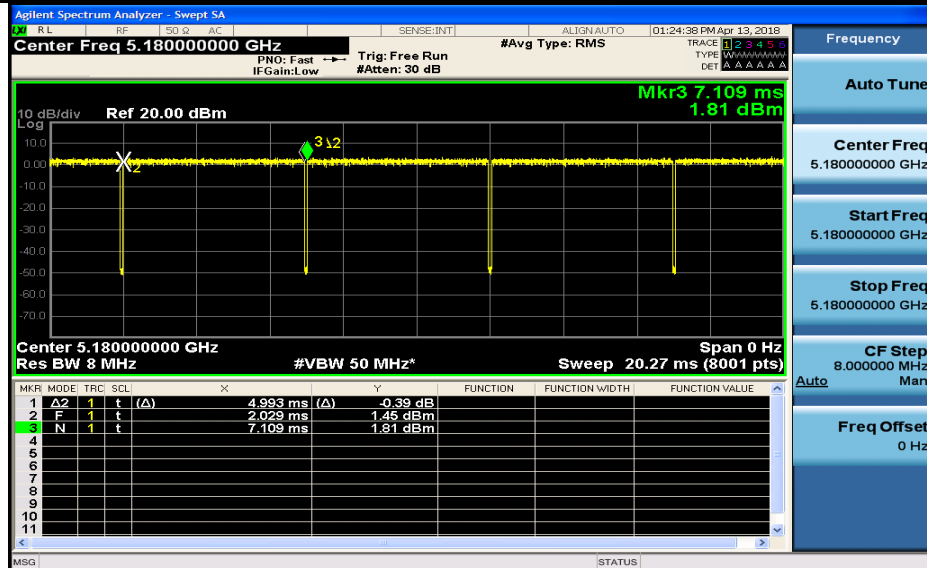
Duty Cycle_11A_5785_ANT4



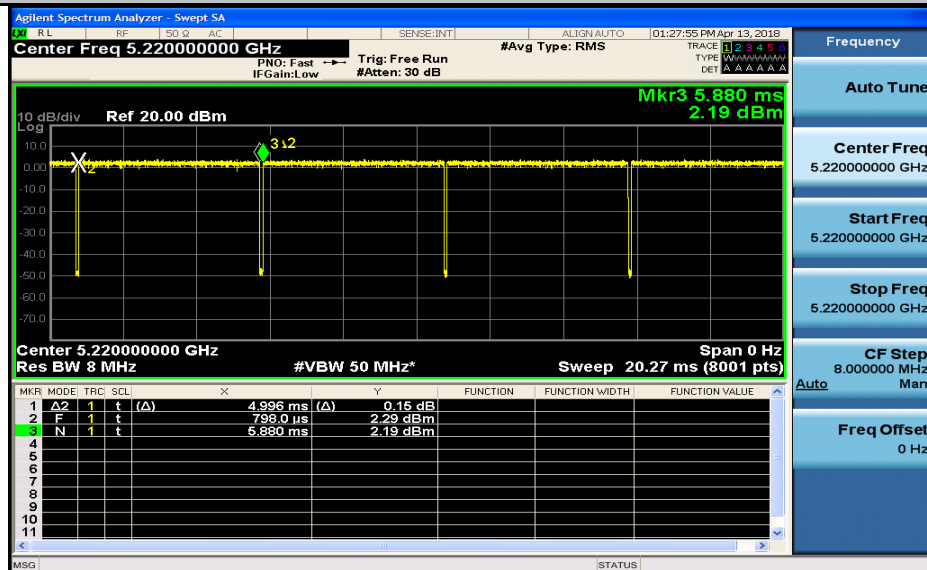
Duty Cycle_11A_5825_ANT4



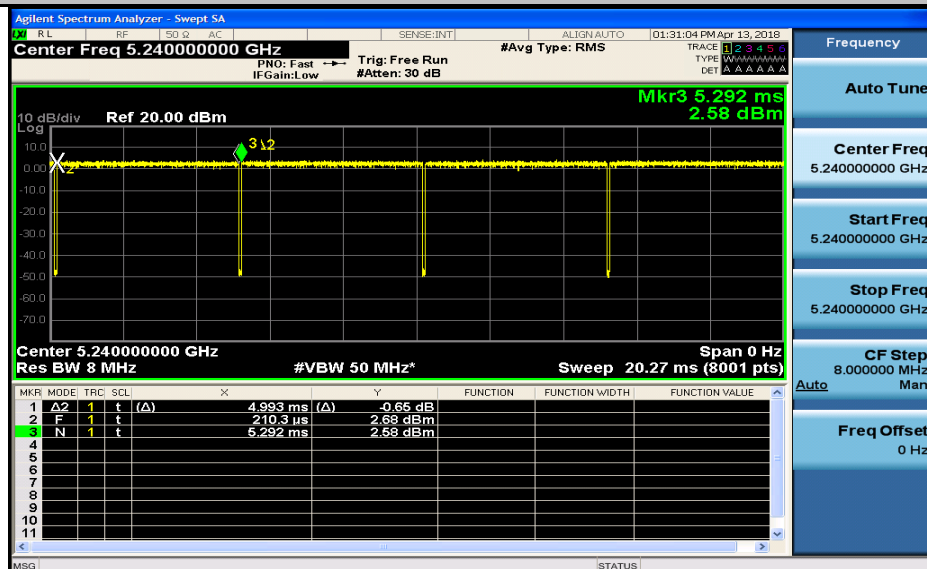
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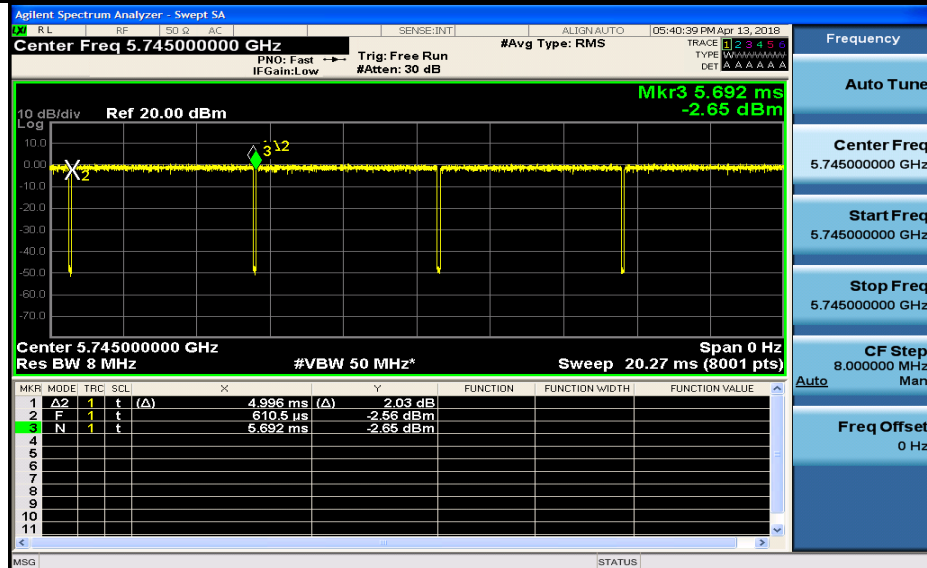
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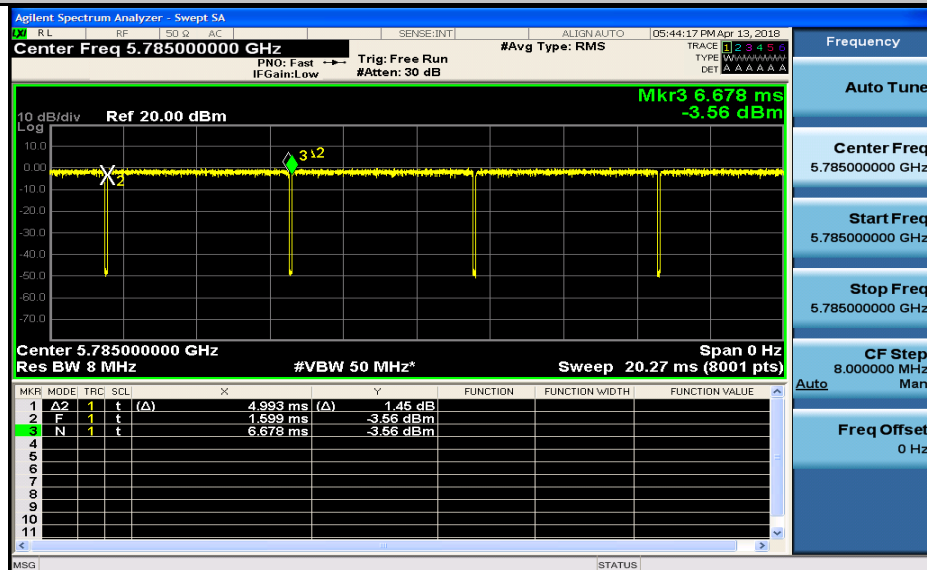
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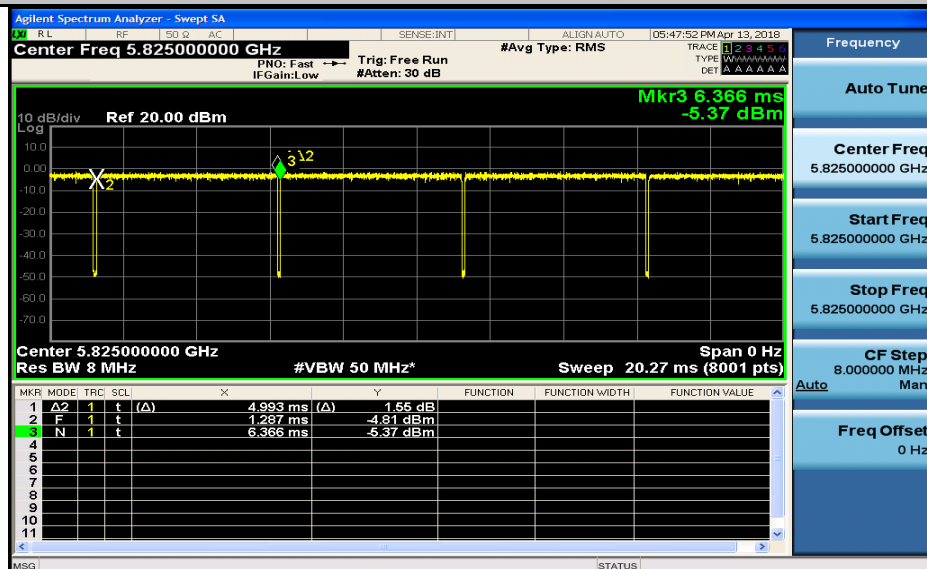
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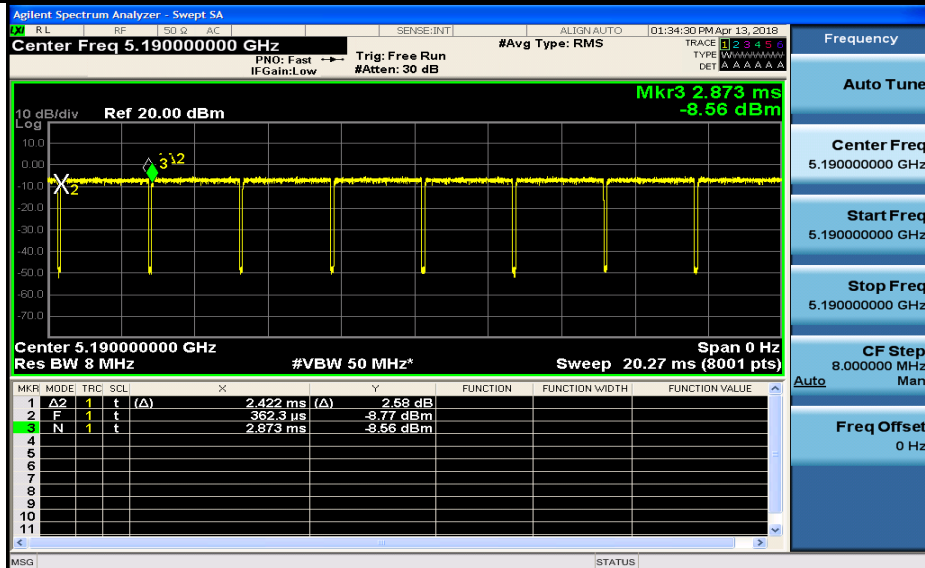
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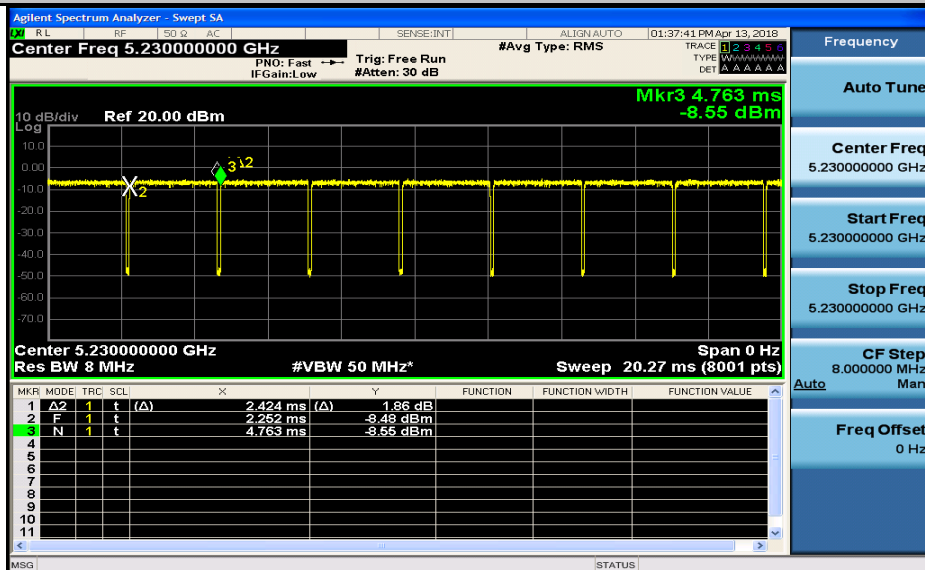
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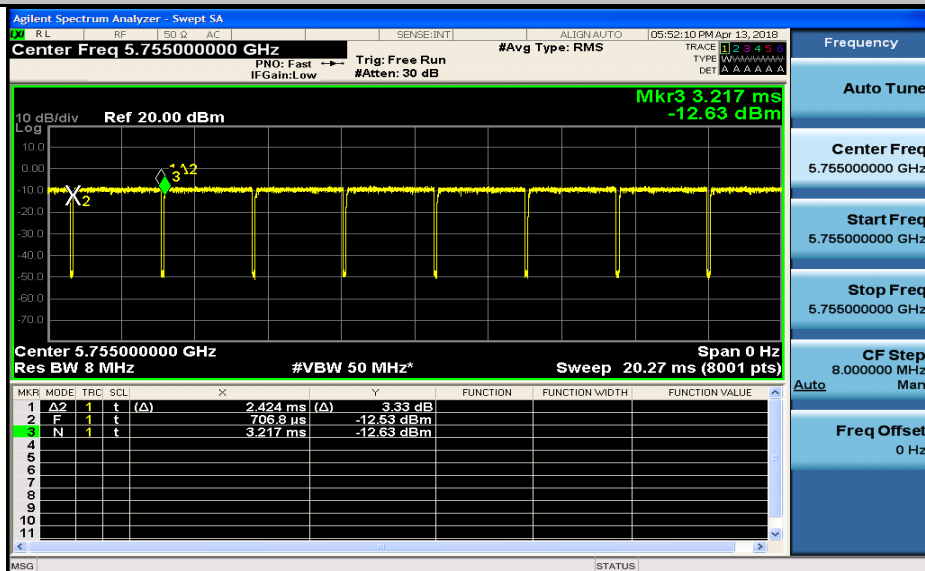
Duty Cycle_11N40_5190_ANT4



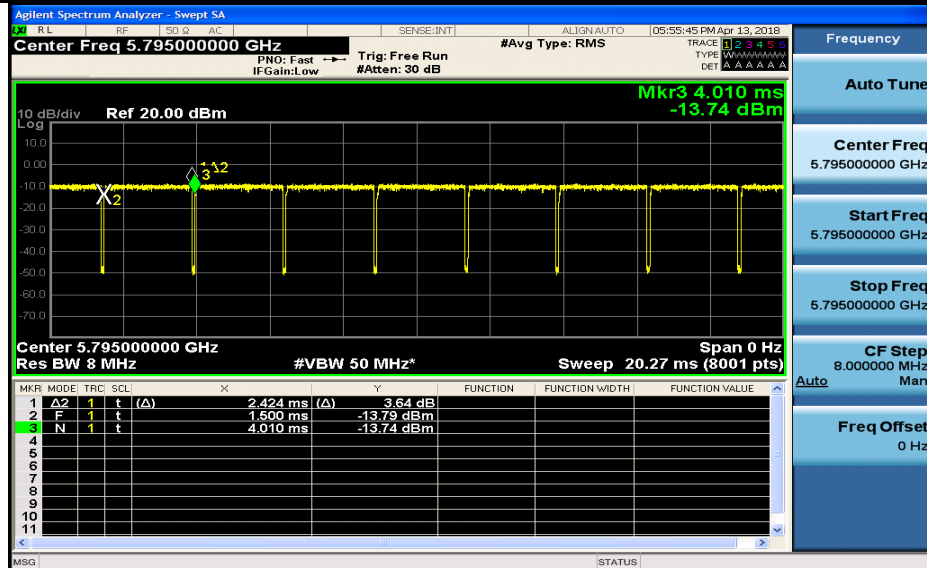
Duty Cycle_11N40_5230_ANT4



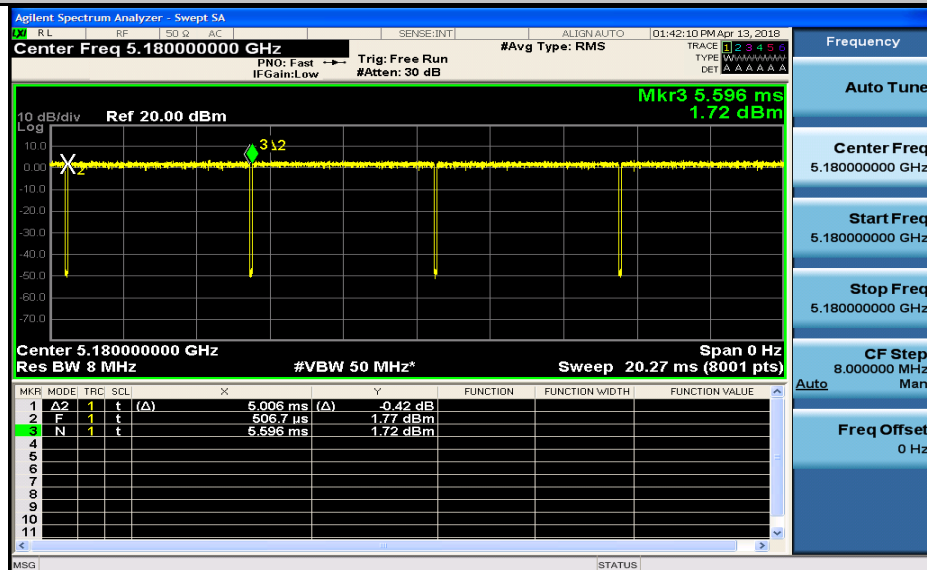
Duty Cycle_11N40_5755_ANT4



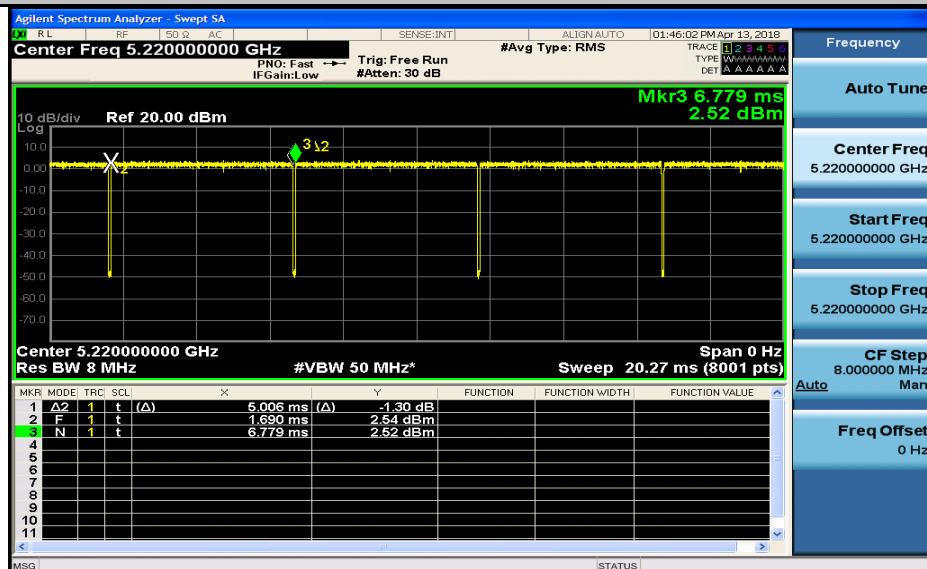
Duty Cycle_11N40_5795_ANT4



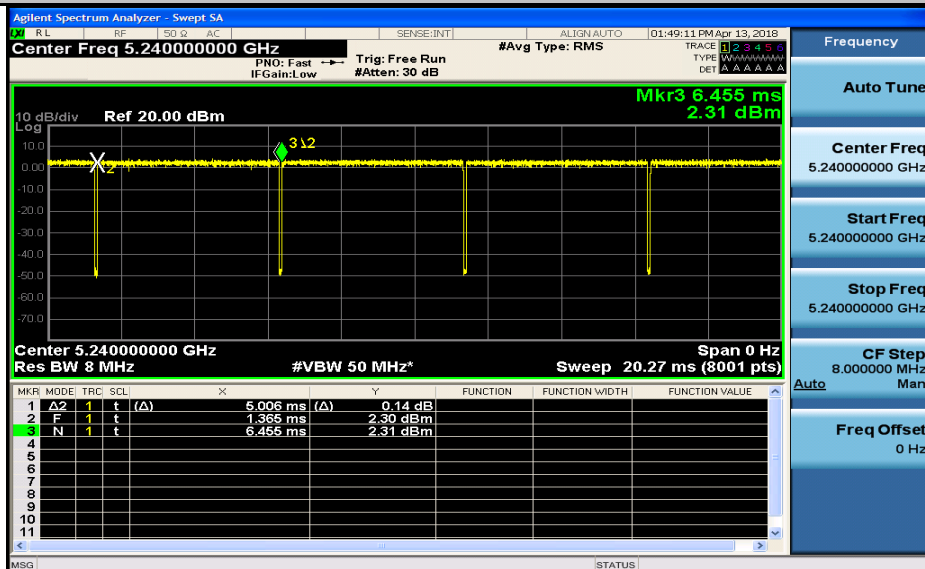
Duty Cycle_11AC20_5180_ANT4



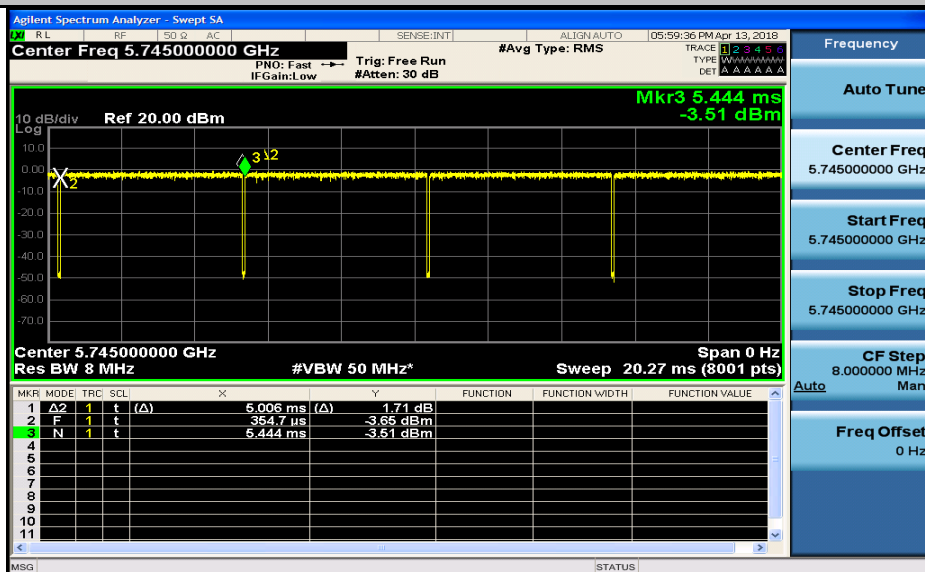
Duty Cycle_11AC20_5220_ANT4



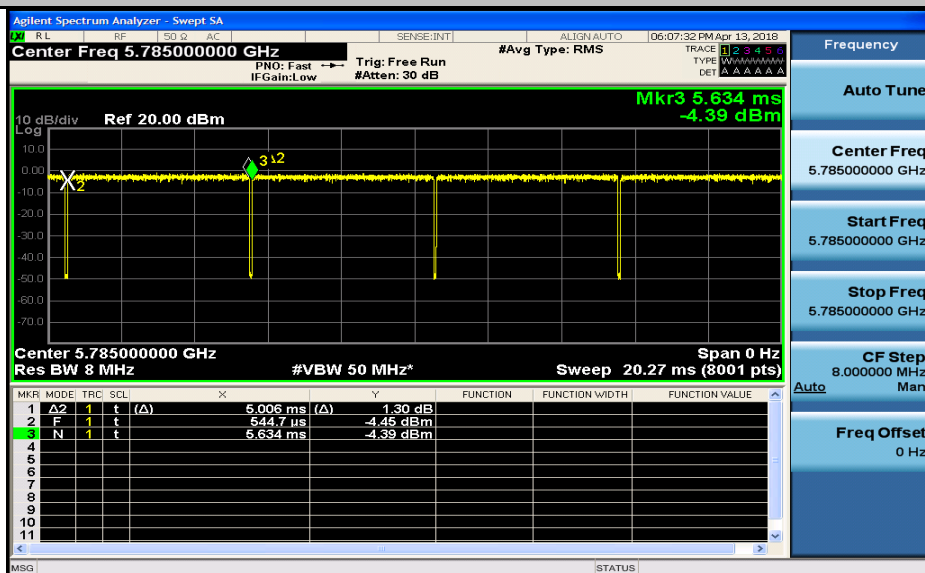
Duty Cycle_11AC20_5240_ANT4



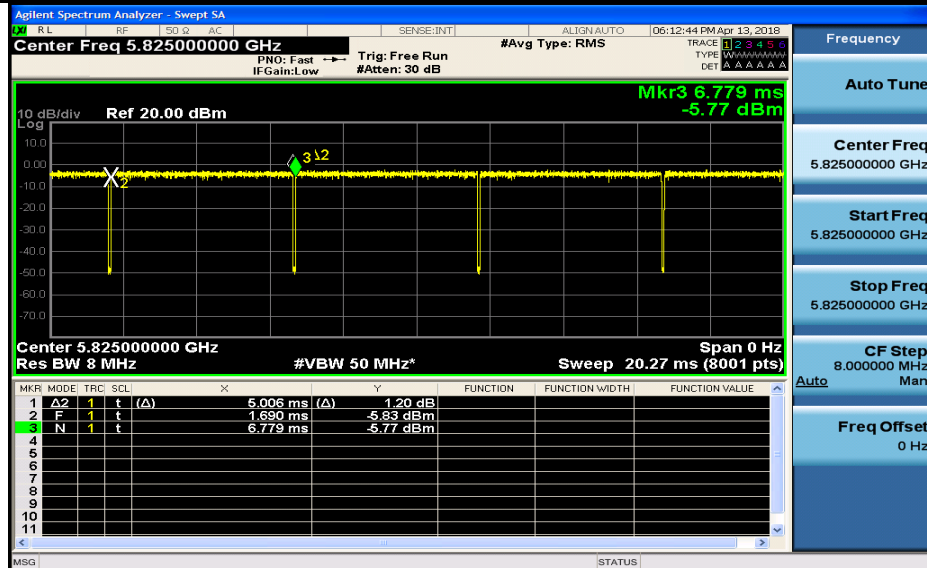
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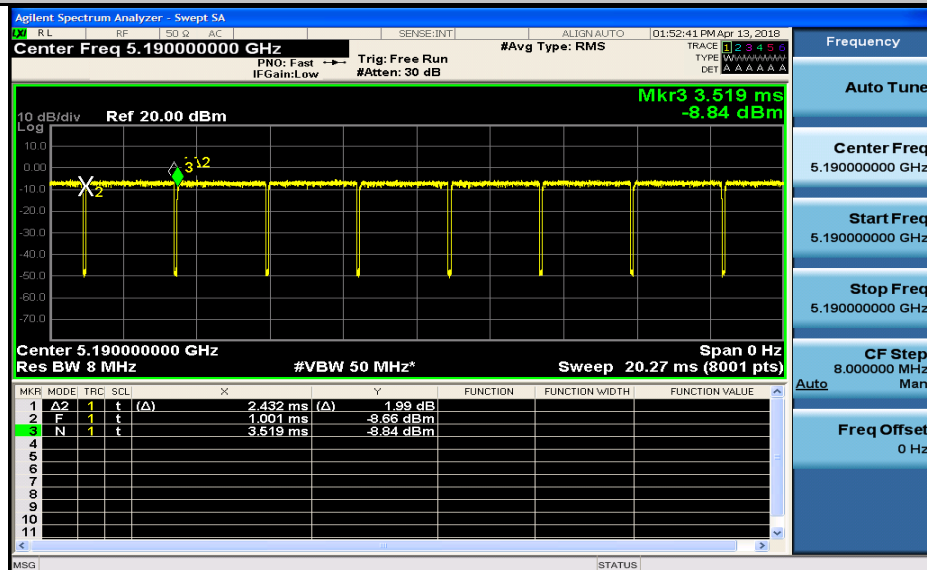
Duty Cycle_11AC20_5785_ANT4



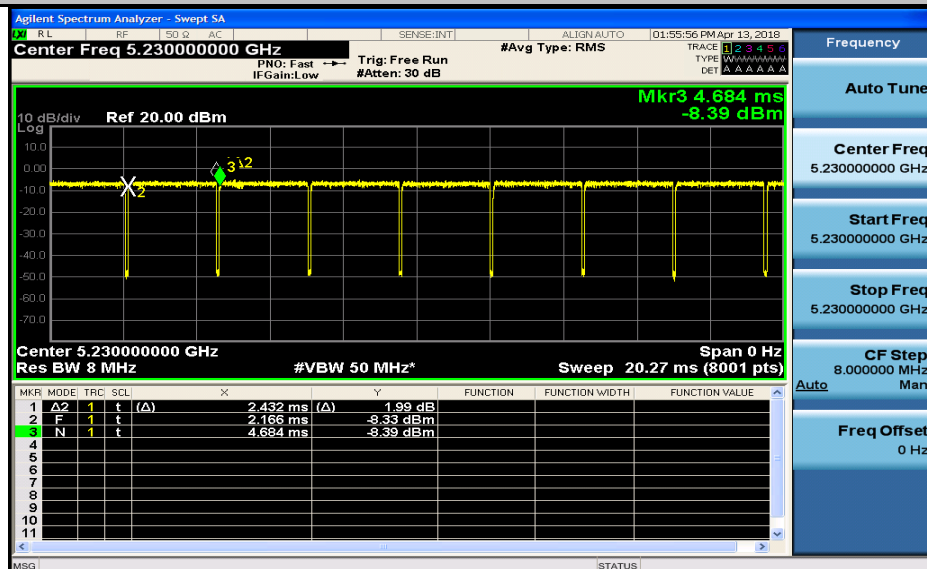
Duty Cycle_11AC20_5825_ANT4



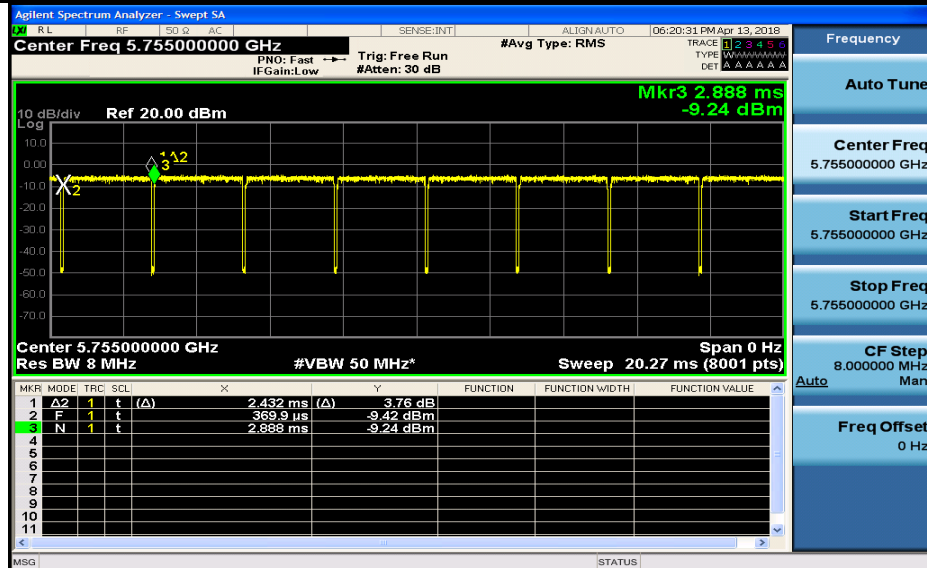
Duty Cycle_11AC40_5190_ANT4



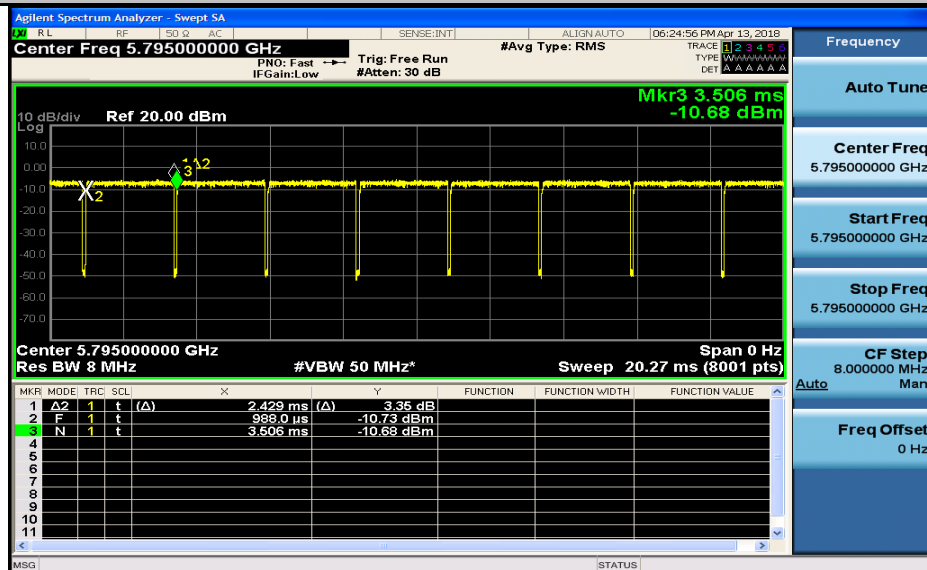
Duty Cycle_11AC40_5230_ANT4



Duty Cycle_11AC40_5755_ANT4



Duty Cycle_11AC40_5795_ANT4



Duty Cycle_11AC80_5210_ANT4

