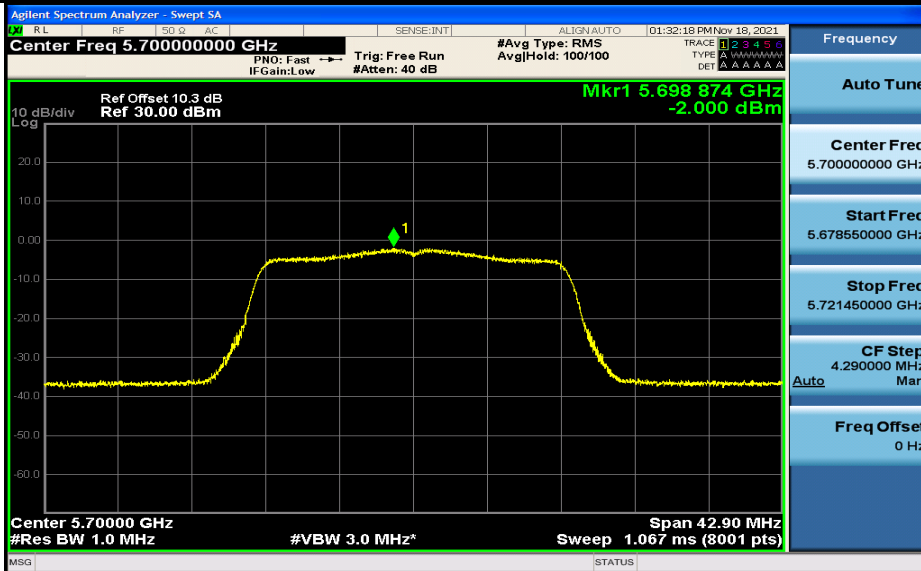
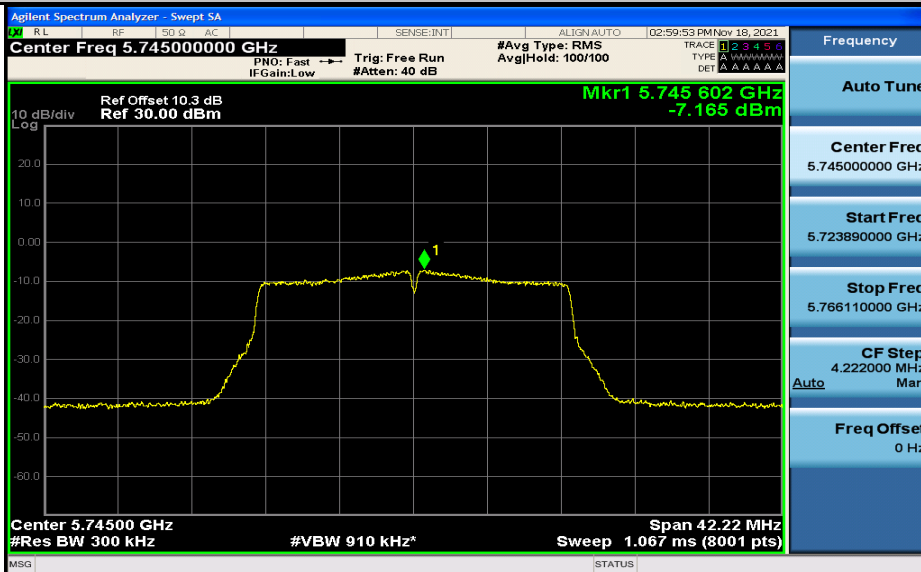


Maximum Power Spectral Density_TNVN_11AC20_5700_Ant1



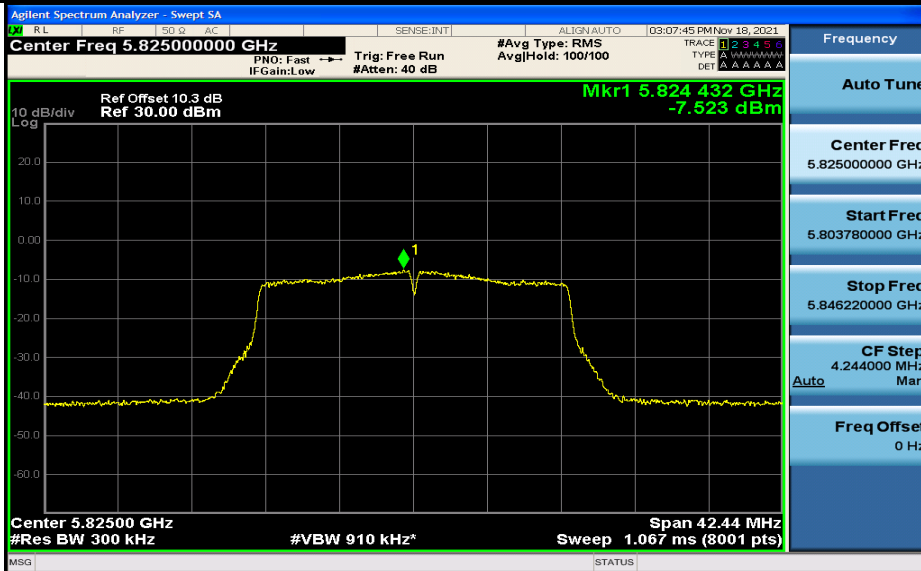
Maximum Power Spectral Density_TNVN_11AC20_5745_Ant1



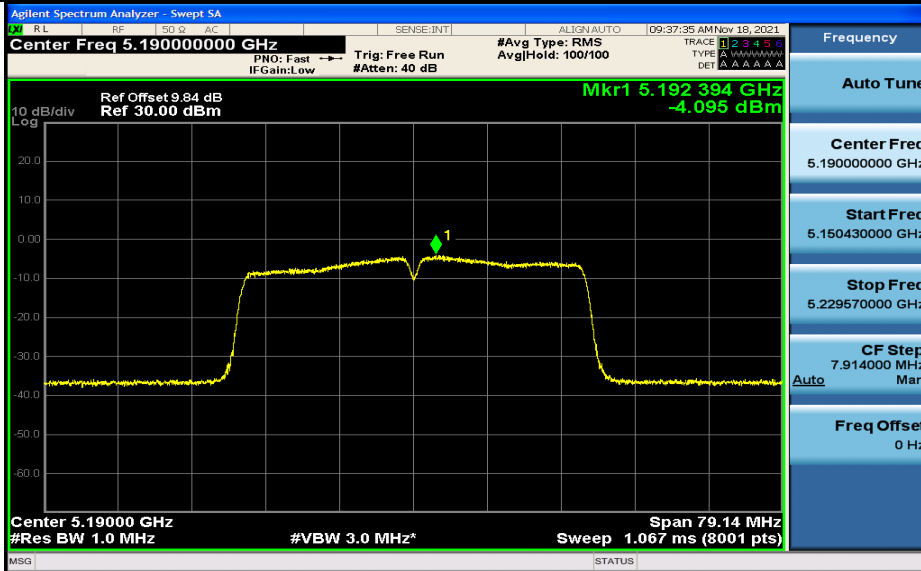
Maximum Power Spectral Density_TNVN_11AC20_5785_Ant1



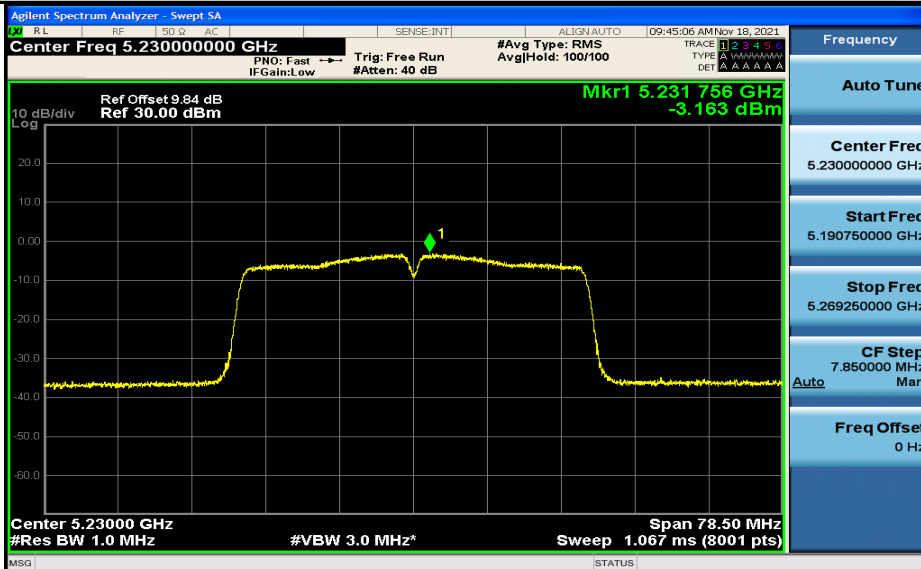
Maximum Power Spectral Density_TNVN_11AC20_5825_Ant1



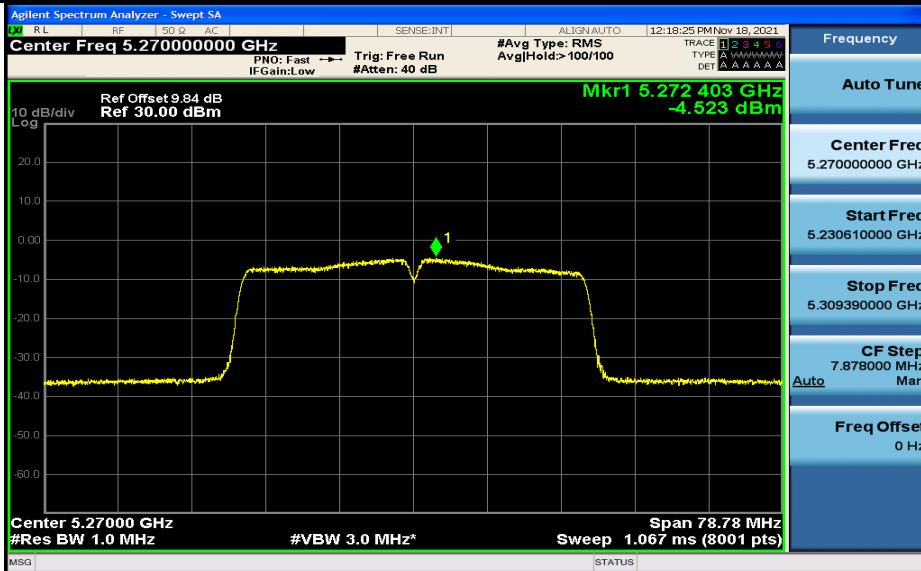
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant1



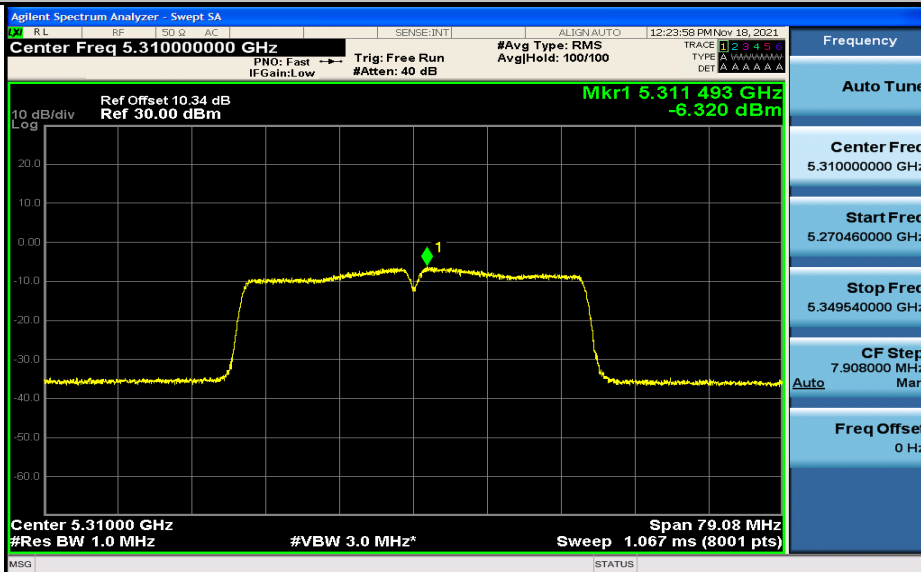
Maximum Power Spectral Density_TNVN_11AC40_5230_Ant1



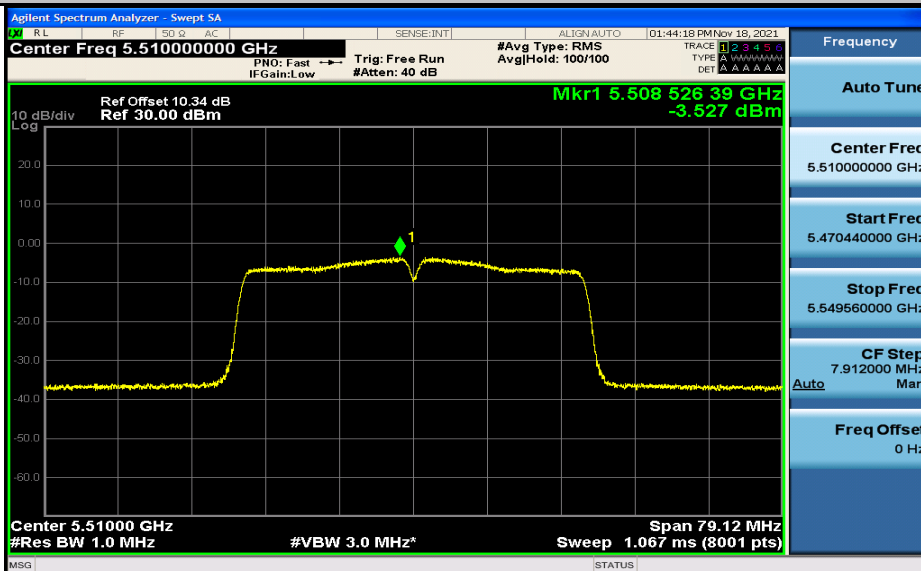
Maximum Power Spectral Density_TNVN_11AC40_5270_Ant1



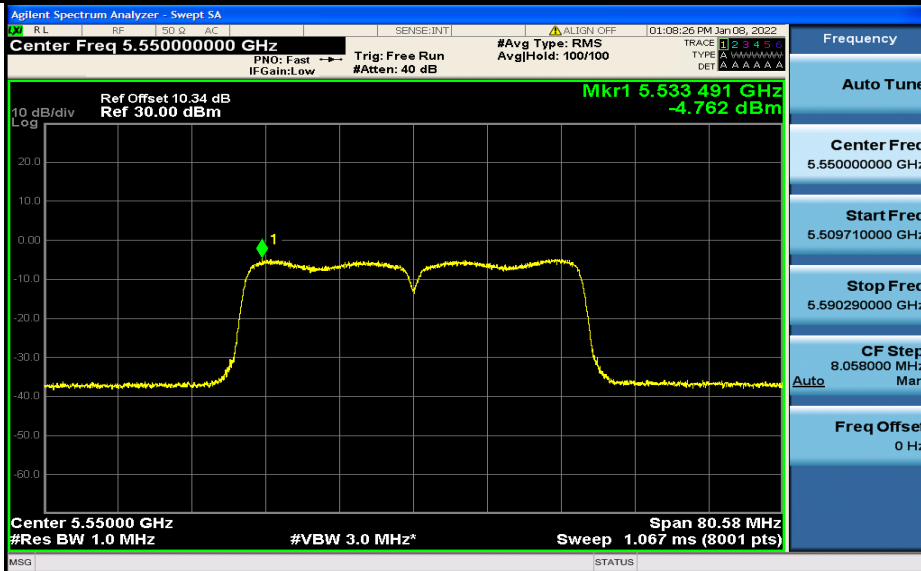
Maximum Power Spectral Density_TNVN_11AC40_5310_Ant1



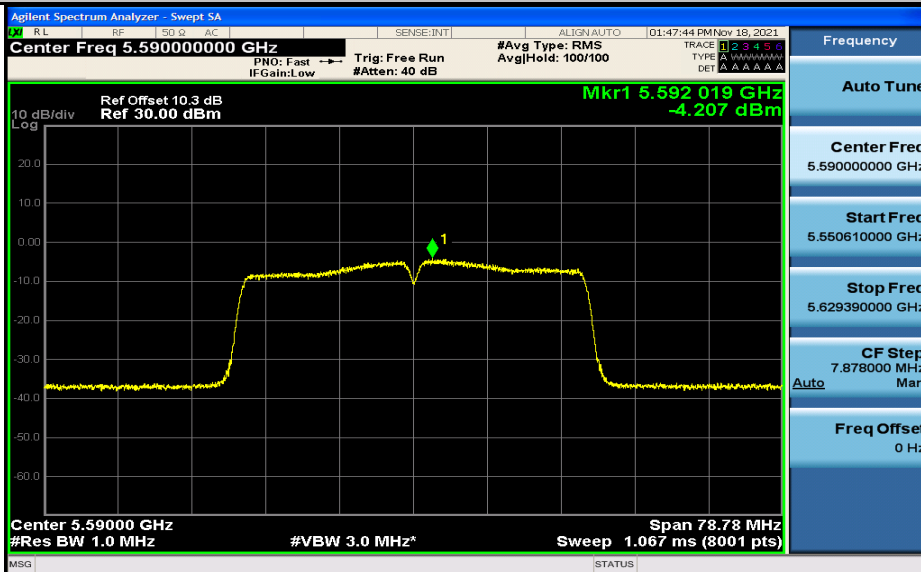
Maximum Power Spectral Density_TNVN_11AC40_5510_Ant1



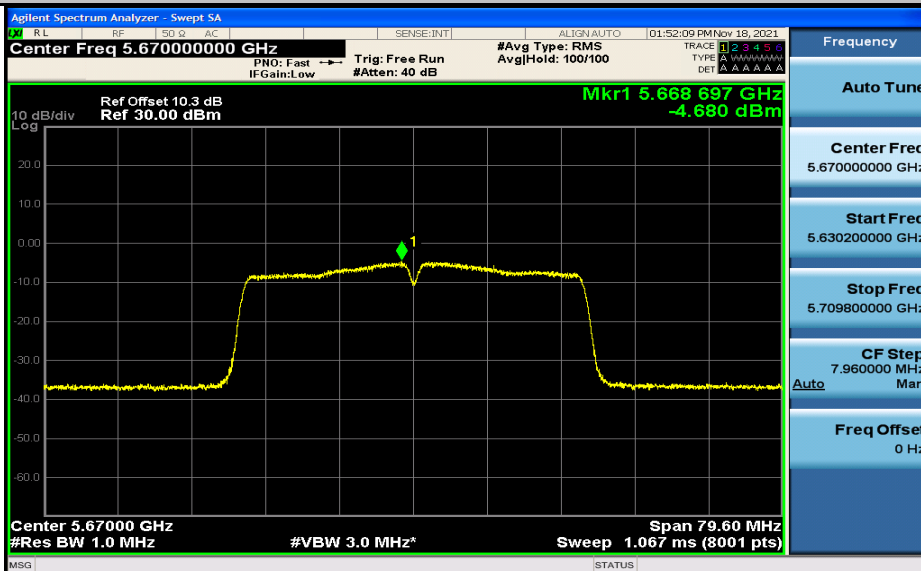
Maximum Power Spectral Density_TNVN_11AC40_5550_Ant1



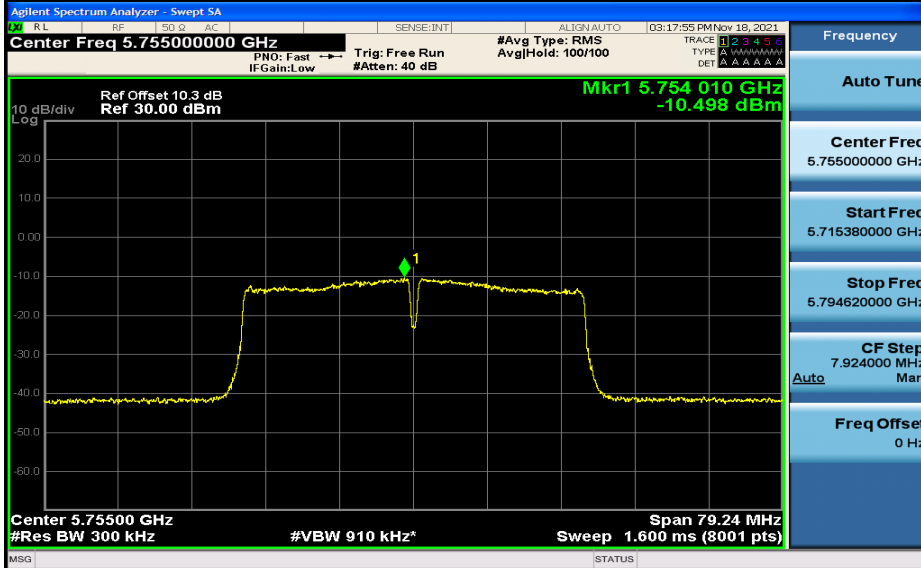
Maximum Power Spectral Density_TNVN_11AC40_5590_Ant1



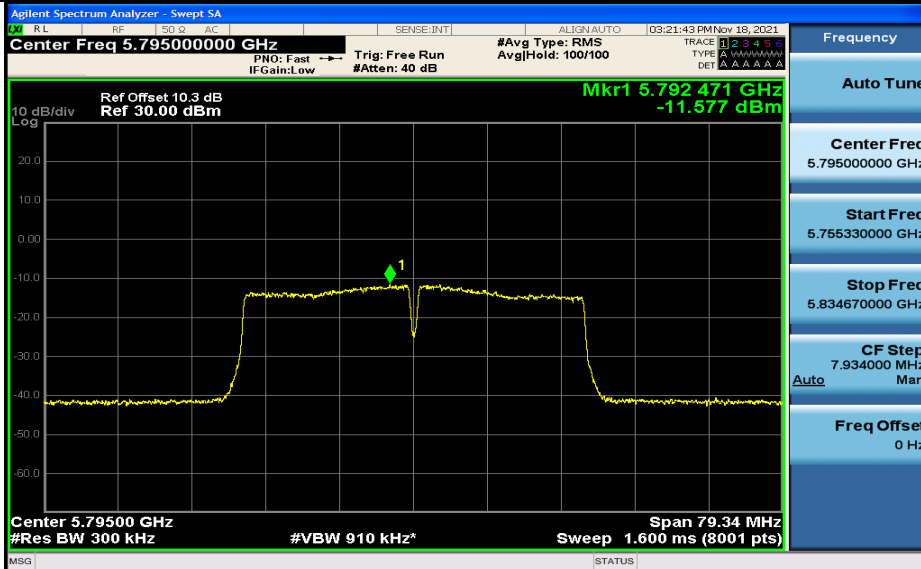
Maximum Power Spectral Density_TNVN_11AC40_5670_Ant1



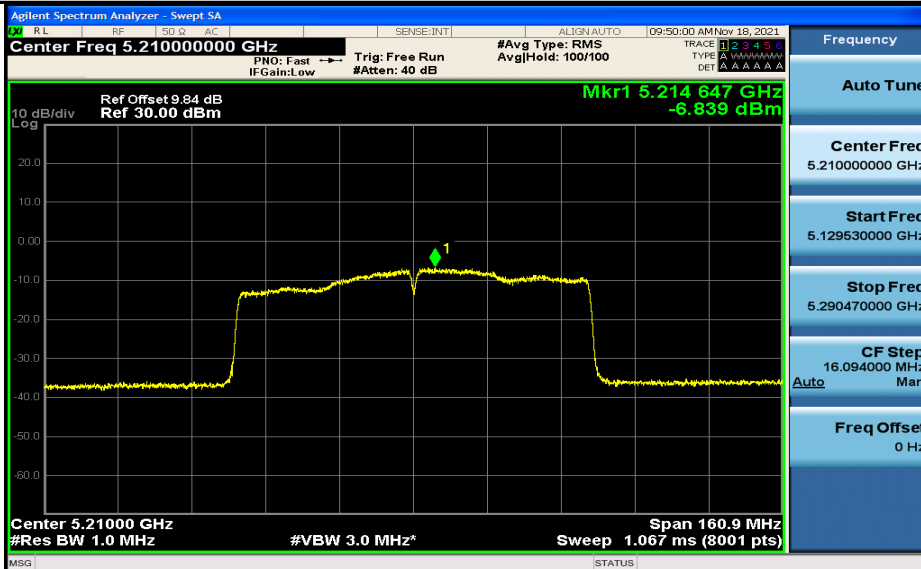
Maximum Power Spectral Density_TNVN_11AC40_5755_Ant1



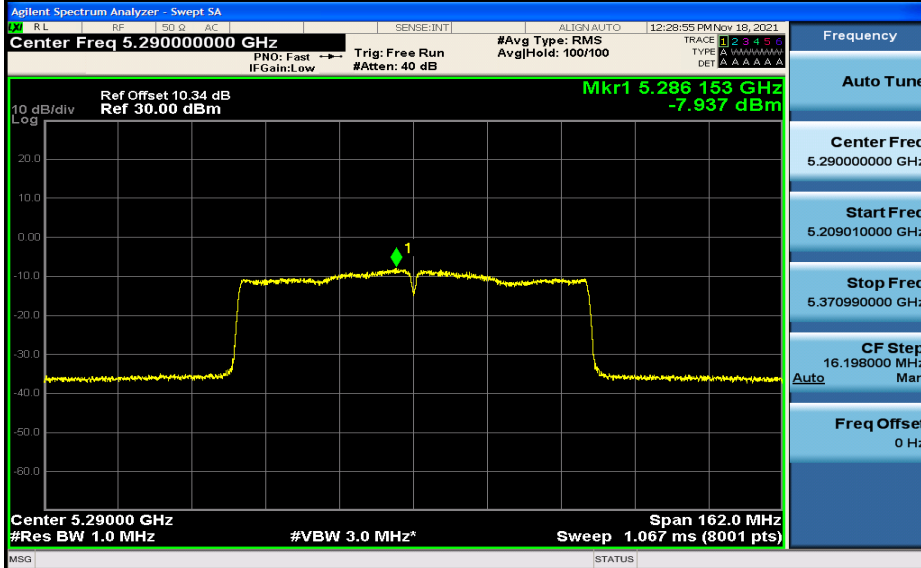
Maximum Power Spectral Density_TNVN_11AC40_5795_Ant1



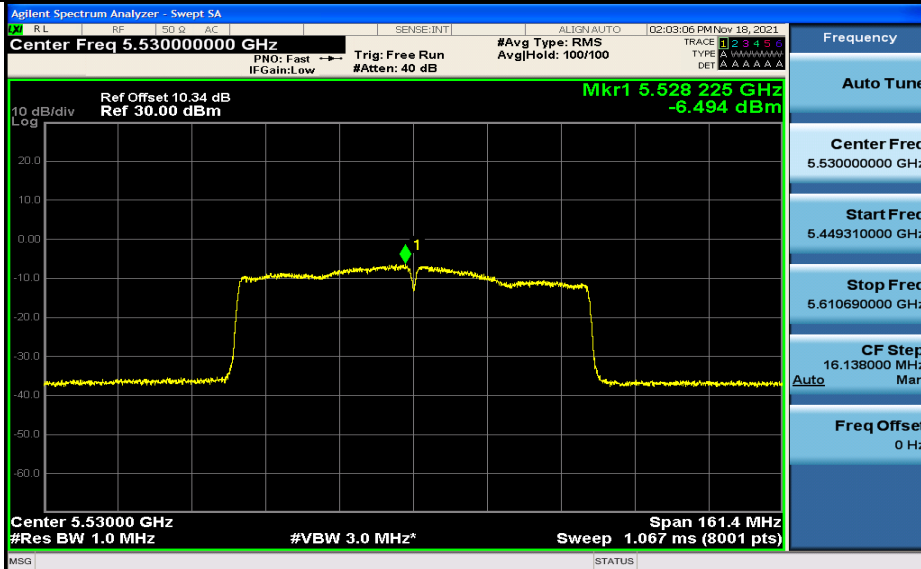
Maximum Power Spectral Density_TNVN_11AC80_5210_Ant1



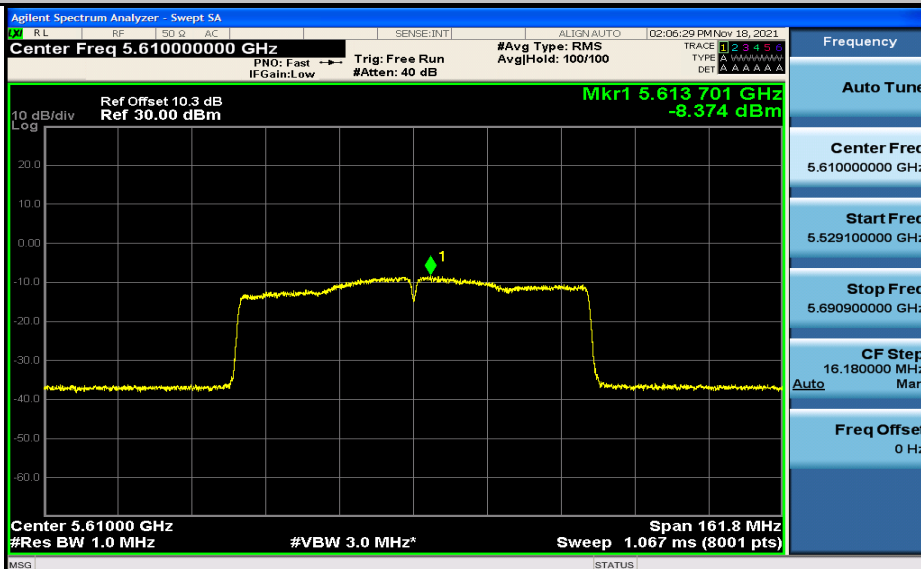
Maximum Power Spectral Density_TNVN_11AC80_5290_Ant1

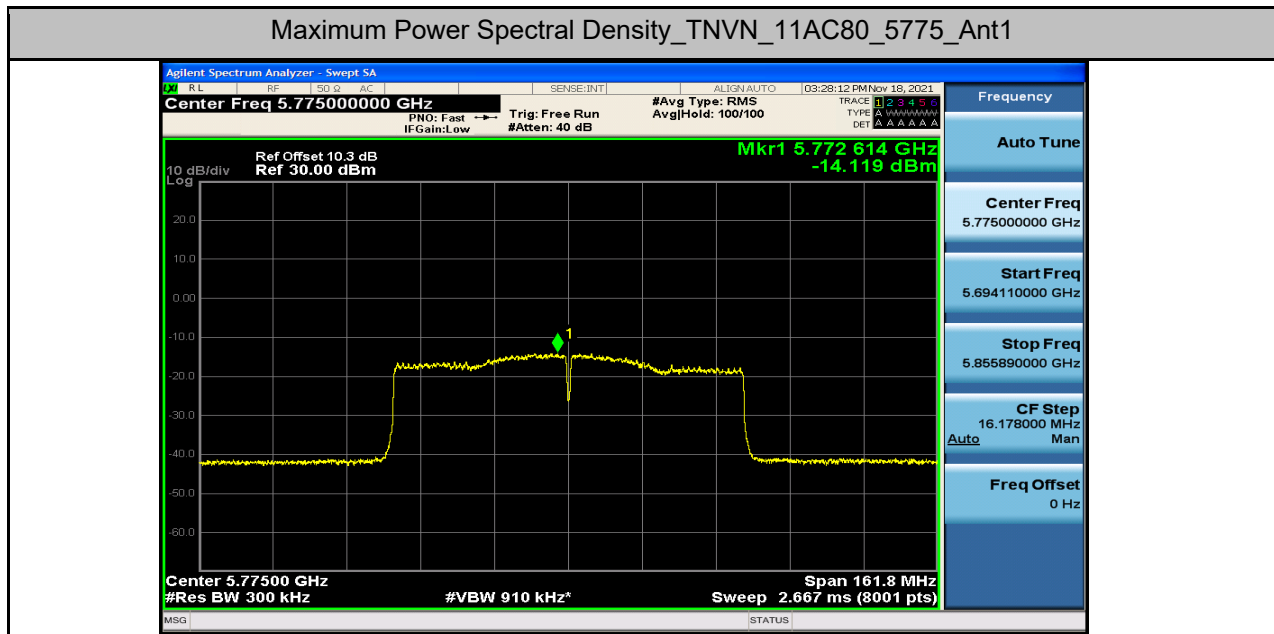


Maximum Power Spectral Density_TNVN_11AC80_5530_Ant1



Maximum Power Spectral Density_TNVN_11AC80_5610_Ant1





8.Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (°C)					
Band U-NII 1	Normal(120)	Extreme(-20)	5180	5180.0205	0.0205	5.15-5.25	Pass
		Extreme(-10)		5180.0175	0.0175		Pass
		Extreme(0)		5180.0248	0.0248		Pass
		Extreme(+10)		5180.0166	0.0166		Pass
		Extreme(+20)		5180.0243	0.0243		Pass
		Extreme(+30)		5180.0217	0.0217		Pass
		Extreme(+40)		5180.0128	0.0128		Pass
		Extreme(+55)		5180.0244	0.0244		Pass
	Extreme(85)	Norma(+20)	5240	5180.0168	0.0168		Pass
	Extreme(276)			5180.0279	0.0279		Pass
	Normal(120)	Extreme(-20)		5240.0189	0.0189		Pass
		Extreme(-10)		5240.0204	0.0204		Pass
		Extreme(0)		5240.0264	0.0264		Pass
		Extreme(+10)		5240.0122	0.0122		Pass
		Extreme(+20)		5240.0178	0.0178		Pass
		Extreme(+30)		5240.0220	0.0220		Pass
		Extreme(+40)	5240.0194	0.0194	Pass		
		Extreme(+55)	5240.0213	0.0213	Pass		
	Extreme(85)	Norma(20)	5240.0264	0.0264	Pass		
	Extreme(276)		5240.0224	0.0224	Pass		
Band U-NII 2A	Normal(120)	Extreme(-20)	5260	5260.0179	0.0179	5.15-5.25	Pass
		Extreme(-10)		5260.0242	0.0242		Pass
		Extreme(0)		5260.0187	0.0187		Pass
		Extreme(+10)		5260.0232	0.0232		Pass
		Extreme(+20)		5260.0261	0.0261		Pass
		Extreme(+30)		5260.0186	0.0186		Pass
		Extreme(+40)		5260.0284	0.0284		Pass
		Extreme(+55)		5260.0195	0.0195		Pass
	Extreme(85)	Norma(+20)	5320	5260.0243	0.0243		Pass
	Extreme(276)			5260.0193	0.0193		Pass
	Normal(120)	Extreme(-20)		5320.0232	0.0232		Pass
		Extreme(-10)		5320.0268	0.0268		Pass
		Extreme(0)		5320.0262	0.0262		Pass
		Extreme(+10)		5320.0178	0.0178		Pass
		Extreme(+20)		5320.0242	0.0242		Pass
		Extreme(+30)		5320.0156	0.0156		Pass
		Extreme(+40)	5320.0234	0.0234	Pass		
		Extreme(+55)	5320.0236	0.0236	Pass		
	Extreme(85)	Norma(20)	5320.0154	0.0154	Pass		
	Extreme(276)		5320.0231	0.0231	Pass		
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
Band	Volt (V AC)	Temp (°C)					
Band	Normal(120)	Extreme(-20)	5500	5500.0206	0.0206	5.15-5.25	Pass

U-NII 2C		Extreme(-10)	5700	5500.0189	0.0189		Pass	
		Extreme(0)		5500.0232	0.0232		Pass	
		Extreme(+10)		5500.0284	0.0284		Pass	
		Extreme(+20)		5500.0179	0.0179		Pass	
		Extreme(+30)		5500.0204	0.0204		Pass	
		Extreme(+40)		5500.0233	0.0233		Pass	
		Extreme(+55)		5500.0262	0.0262		Pass	
	Extreme(85)	Norma(+20)		5500.0174	0.0174		Pass	
	Extreme(276)			5500.0265	0.0265		Pass	
	Normal(120)	Extreme(-20)		5700.0178	0.0178		Pass	
		Extreme(-10)		5700.0224	0.0224		Pass	
		Extreme(0)		5700.0176	0.0176		Pass	
		Extreme(+10)		5700.0211	0.0211		Pass	
		Extreme(+20)		5700.0164	0.0164		Pass	
		Extreme(+30)		5700.0221	0.0221		Pass	
		Extreme(+40)		5700.0204	0.0204		Pass	
		Extreme(+55)		5700.0191	0.0191		Pass	
		Extreme(85)		Norma(20)	5700.0223		0.0223	Pass
		Extreme(276)			5700.0214		0.0214	Pass
		Band		Test Conditions			Operation Frequency (MHz)	Test Frequency (MHz)
		Volt (V AC)	Temp (°C)					
Band U-NII 3		Normal(120)	Extreme(-20)	5745	5745.0176	0.0176	5.725-5.85	Pass
	Extreme(-10)		5745.0168		0.0168	Pass		
	Extreme(0)		5745.0202		0.0202	Pass		
	Extreme(+10)		5745.0188		0.0188	Pass		
	Extreme(+20)		5745.0202		0.0202	Pass		
	Extreme(+30)		5745.0184		0.0184	Pass		
	Extreme(+40)		5745.0224		0.0224	Pass		
	Extreme(+55)		5745.0206		0.0206	Pass		
	Extreme(85)	Norma(+20)	5745.0188		0.0188	Pass		
	Extreme(276)		5745.0241		0.0241	Pass		
	Normal(120)	Extreme(-20)	5825.0208		0.0208	Pass		
		Extreme(-10)	5825.0194		0.0194	Pass		
		Extreme(0)	5825.0208		0.0208	Pass		
		Extreme(+10)	5825.0226		0.0226	Pass		
		Extreme(+20)	5825.0198		0.0198	Pass		
		Extreme(+30)	5825.0232		0.0232	Pass		
		Extreme(+40)	5825.0178		0.0178	Pass		
		Extreme(+55)	5825.0204		0.0204	Pass		
		Extreme(85)	Norma(20)		5825.0310	0.0310		Pass
		Extreme(276)			5825.0244	0.0244		Pass

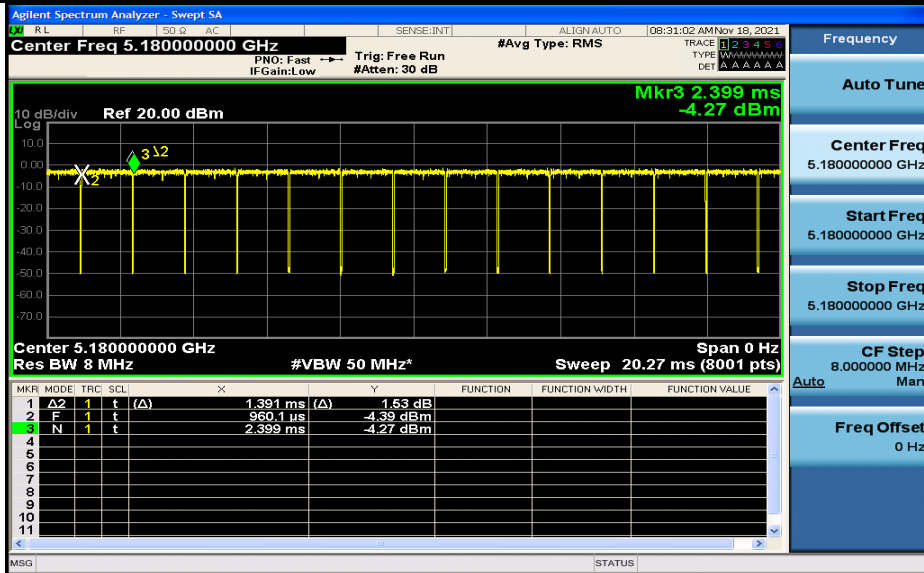
Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is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

9.Duty Cycle

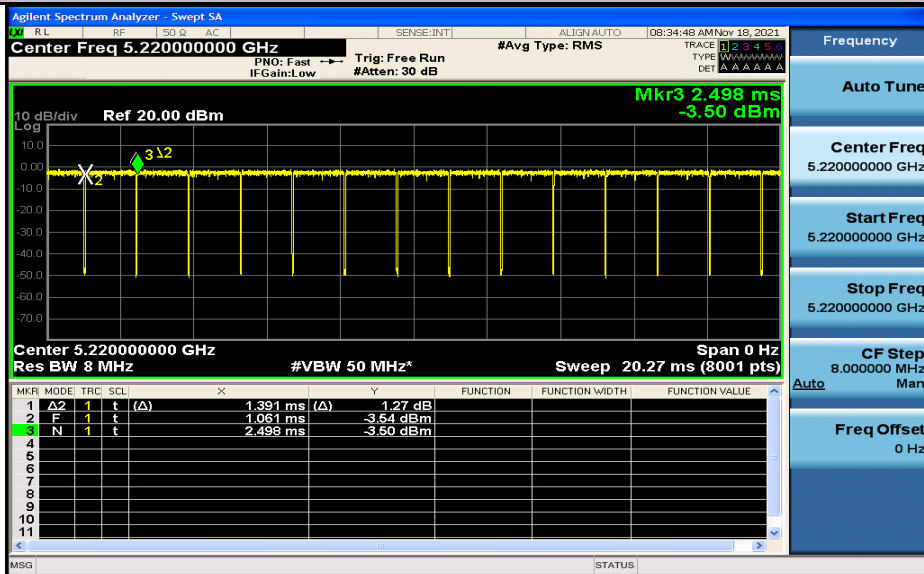
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	96.65	0.15
11A	5220	Ant1	96.83	0.14
11A	5240	Ant1	96.65	0.15
11A	5260	Ant1	96.83	0.14
11A	5280	Ant1	96.83	0.14
11A	5320	Ant1	96.83	0.14
11A	5500	Ant1	96.65	0.15
11A	5580	Ant1	98.70	0.06
11A	5600	Ant1	96.83	0.14
11A	5700	Ant1	96.65	0.15
11A	5745	Ant1	96.65	0.15
11A	5785	Ant1	96.83	0.14
11A	5825	Ant1	96.83	0.14
11N20	5180	Ant1	96.44	0.16
11N20	5220	Ant1	96.62	0.15
11N20	5240	Ant1	96.44	0.16
11N20	5260	Ant1	96.44	0.16
11N20	5280	Ant1	96.44	0.16
11N20	5320	Ant1	96.62	0.15
11N20	5500	Ant1	96.62	0.15
11N20	5580	Ant1	98.60	0.06
11N20	5600	Ant1	96.44	0.16
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	93.38	0.30
11N40	5230	Ant1	93.04	0.31
11N40	5270	Ant1	93.01	0.31
11N40	5310	Ant1	93.01	0.31
11N40	5510	Ant1	93.01	0.31
11N40	5550	Ant1	96.90	0.14
11N40	5590	Ant1	93.38	0.30
11N40	5670	Ant1	93.04	0.31
11N40	5755	Ant1	93.38	0.30
11N40	5795	Ant1	93.04	0.31
11AC20	5180	Ant1	96.64	0.15

11AC20	5220	Ant1	96.64	0.15
11AC20	5240	Ant1	96.46	0.16
11AC20	5260	Ant1	96.46	0.16
11AC20	5280	Ant1	96.46	0.16
11AC20	5320	Ant1	96.64	0.15
11AC20	5500	Ant1	96.64	0.15
11AC20	5580	Ant1	98.60	0.06
11AC20	5600	Ant1	96.46	0.16
11AC20	5700	Ant1	96.64	0.15
11AC20	5745	Ant1	96.46	0.16
11AC20	5785	Ant1	96.46	0.16
11AC20	5825	Ant1	96.46	0.16
11AC40	5190	Ant1	93.45	0.29
11AC40	5230	Ant1	93.12	0.31
11AC40	5270	Ant1	93.12	0.31
11AC40	5310	Ant1	93.12	0.31
11AC40	5510	Ant1	93.12	0.31
11AC40	5550	Ant1	97.21	0.12
11AC40	5590	Ant1	93.45	0.29
11AC40	5670	Ant1	93.45	0.29
11AC40	5755	Ant1	93.12	0.31
11AC40	5795	Ant1	93.45	0.29
11AC80	5210	Ant1	87.50	0.58
11AC80	5290	Ant1	86.90	0.61
11AC80	5530	Ant1	86.90	0.61
11AC80	5610	Ant1	87.50	0.58
11AC80	5775	Ant1	87.50	0.58

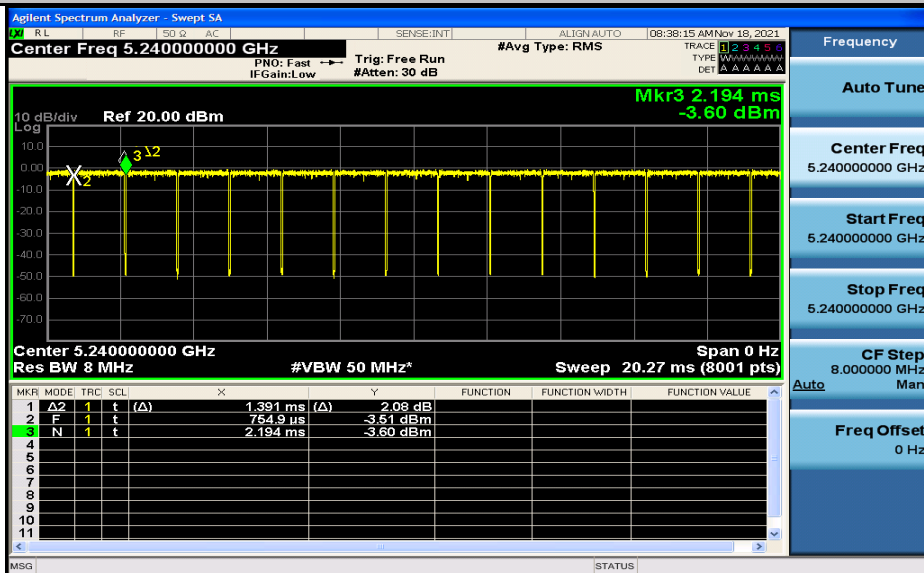
Duty Cycle_11A_5180_Ant1



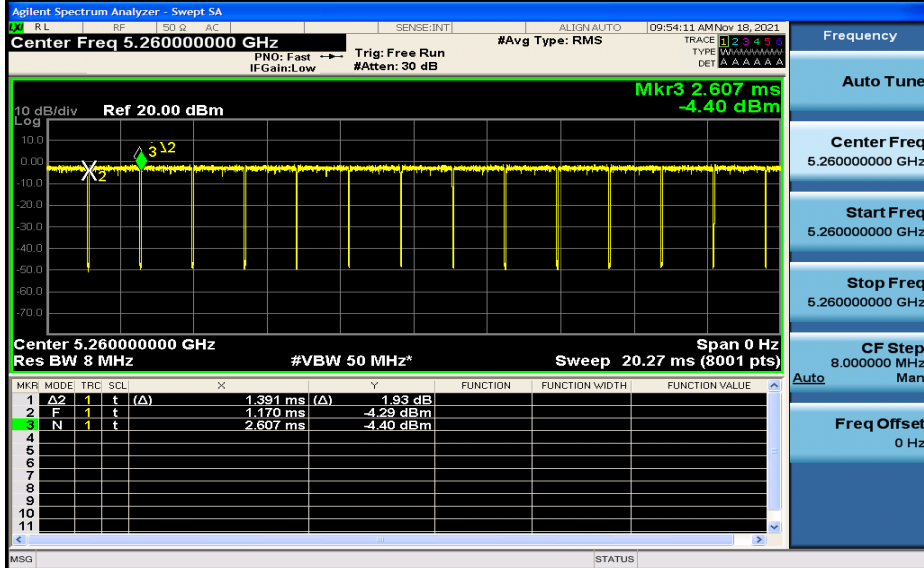
Duty Cycle_11A_5220_Ant1



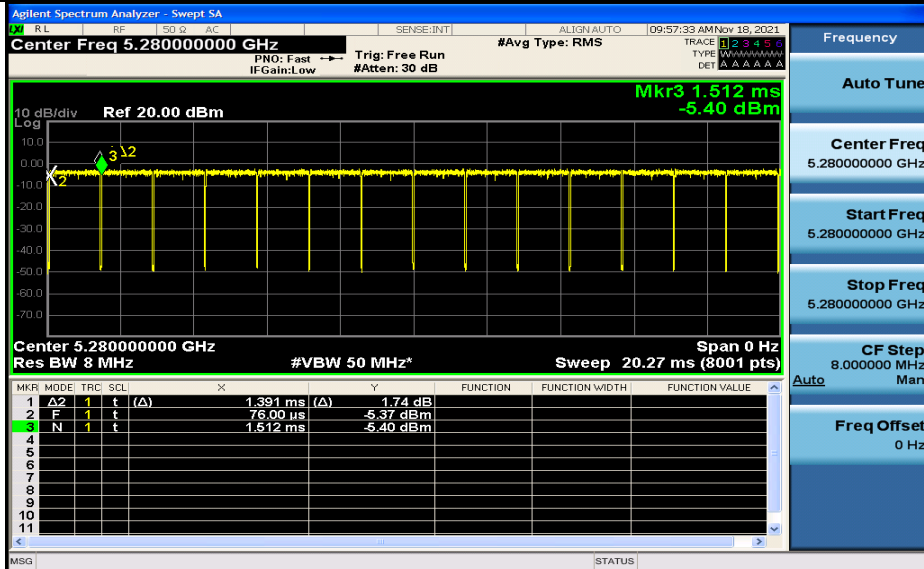
Duty Cycle_11A_5240_Ant1



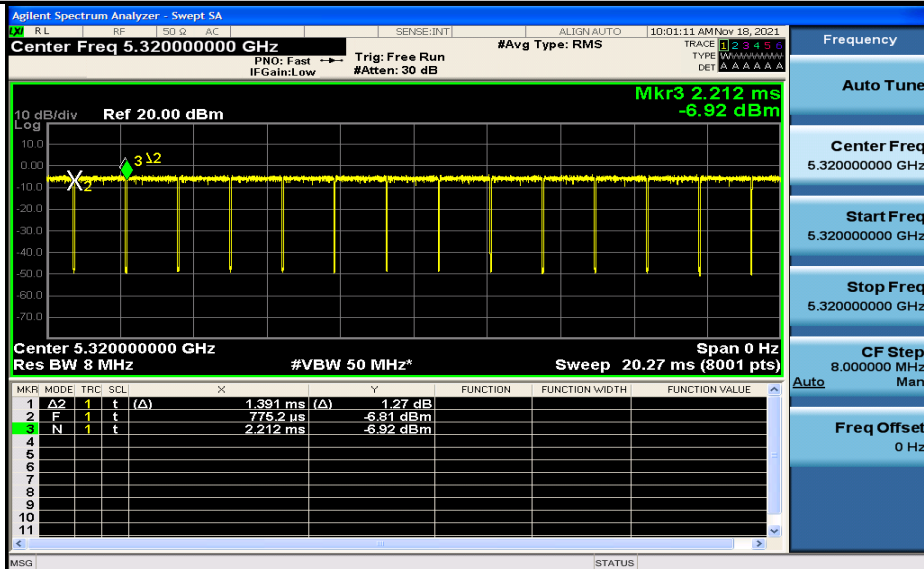
Duty Cycle_11A_5260_Ant1



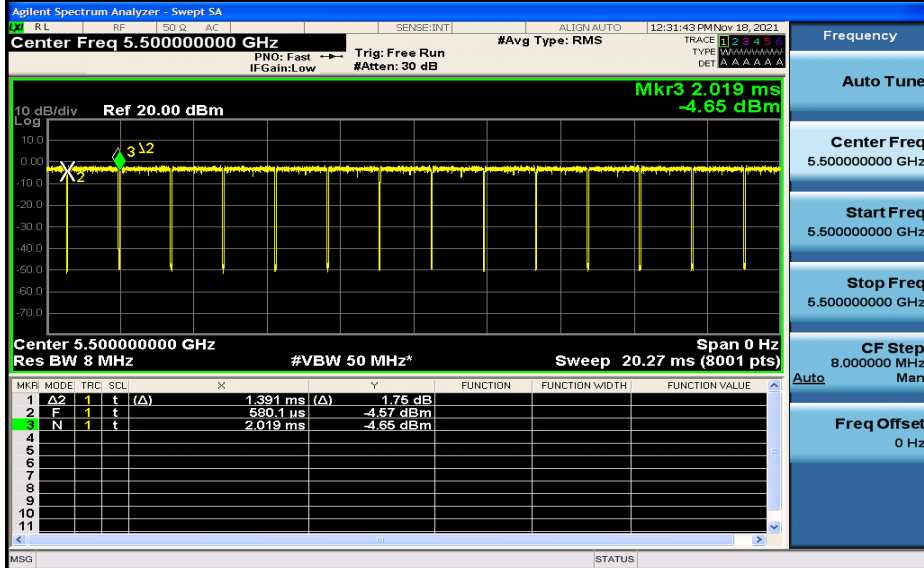
Duty Cycle_11A_5280_Ant1



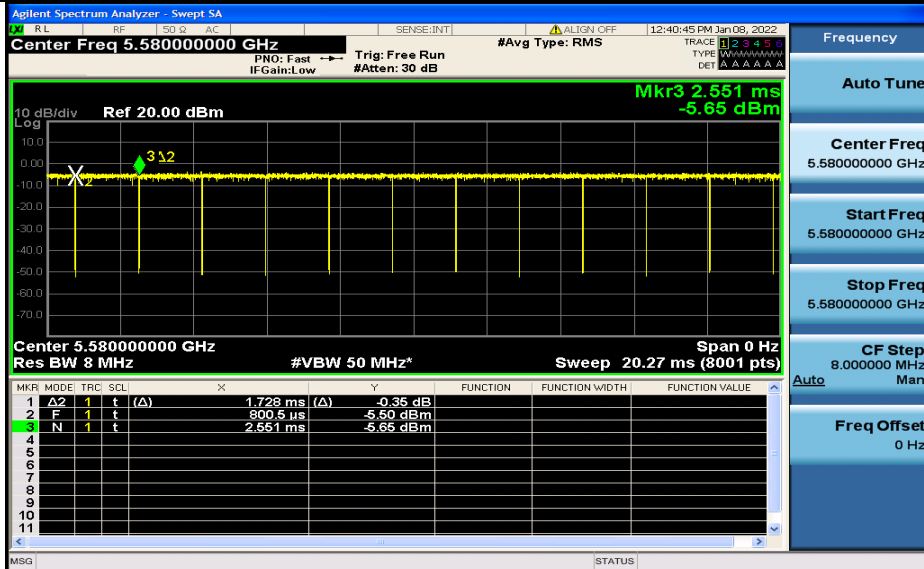
Duty Cycle_11A_5320_Ant1



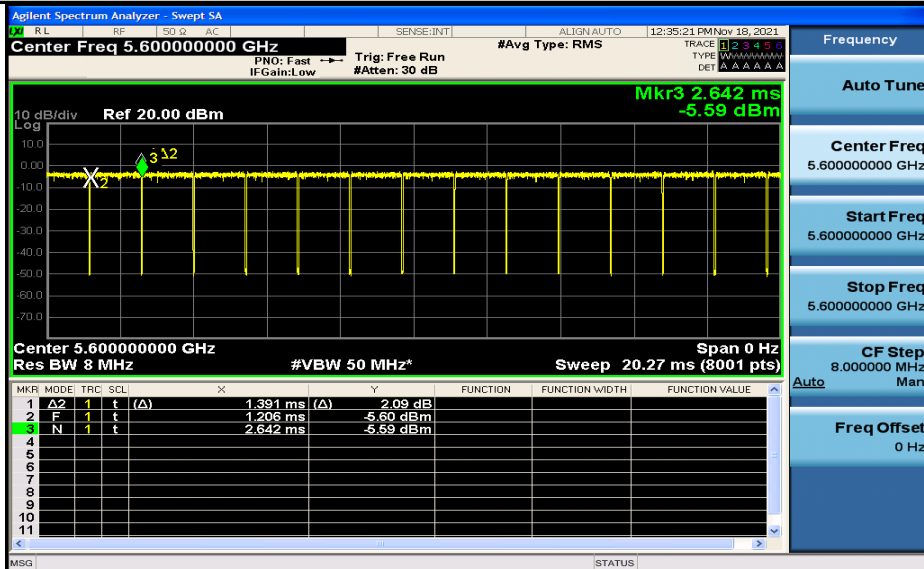
Duty Cycle_11A_5500_Ant1



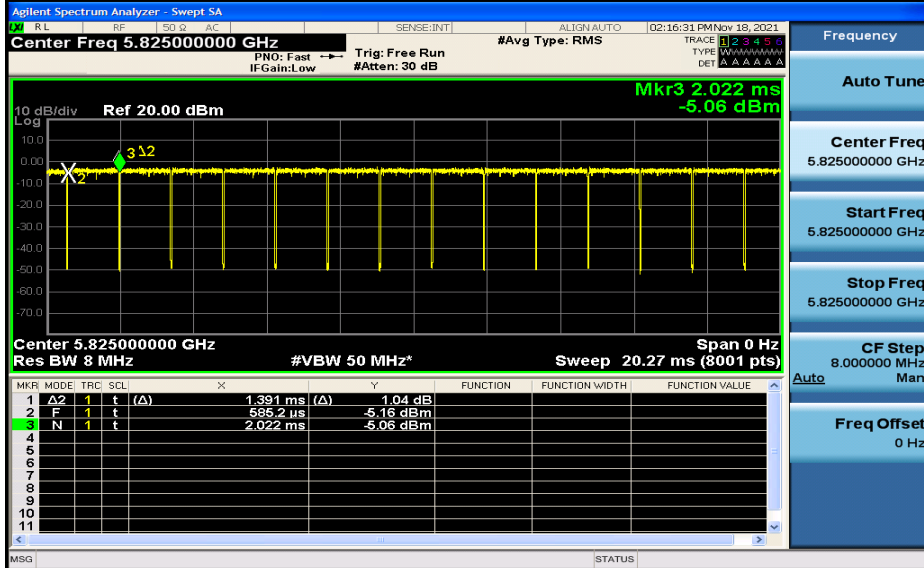
Duty Cycle_11A_5580_Ant1



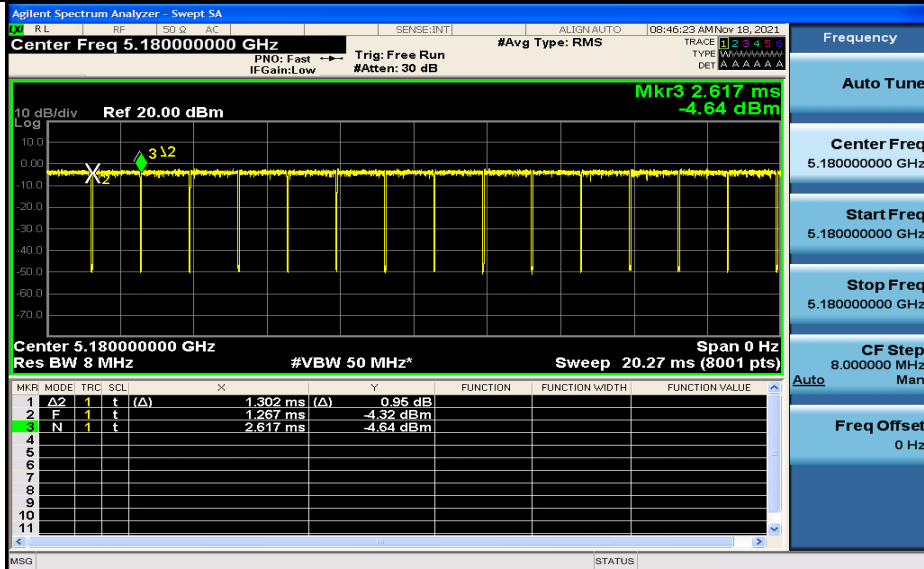
Duty Cycle_11A_5600_Ant1



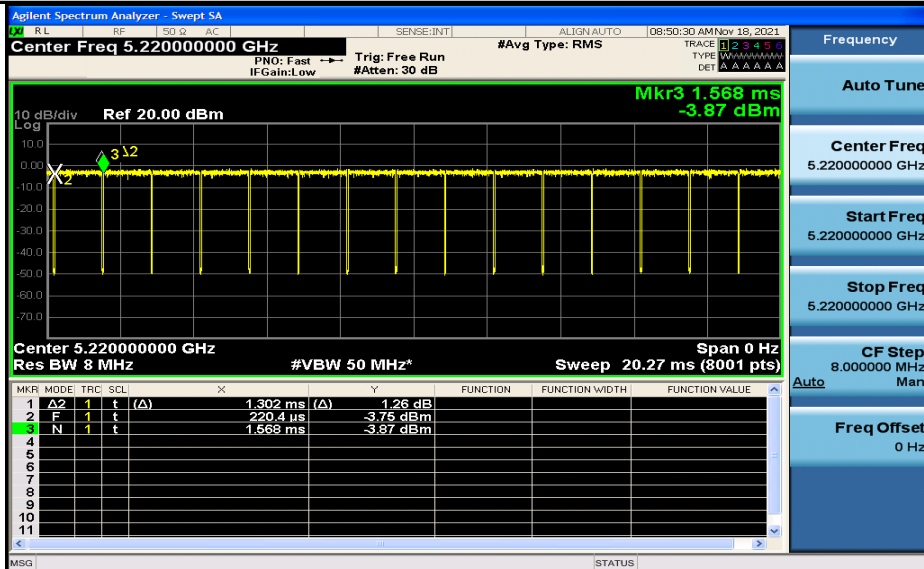
Duty Cycle_11A_5825_Ant1



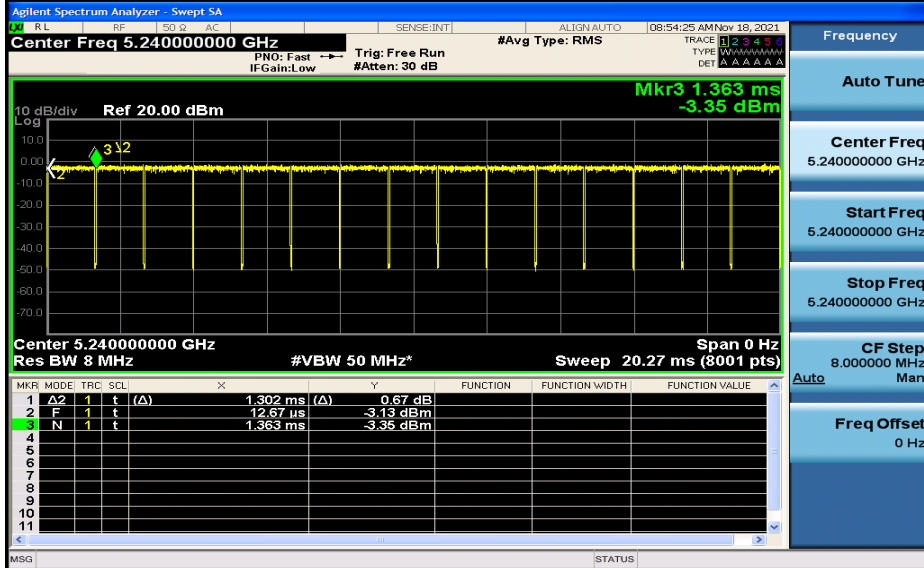
Duty Cycle_11N20_5180_Ant1



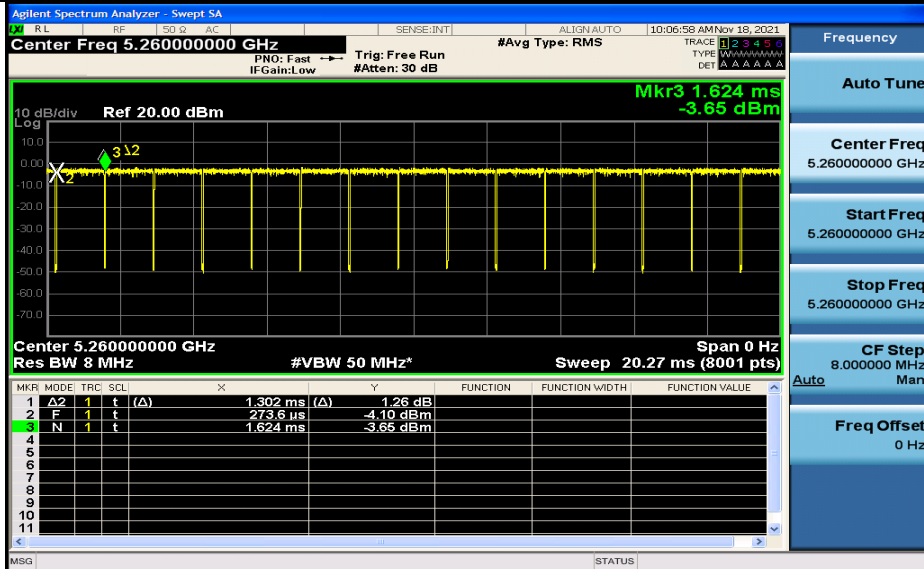
Duty Cycle_11N20_5220_Ant1



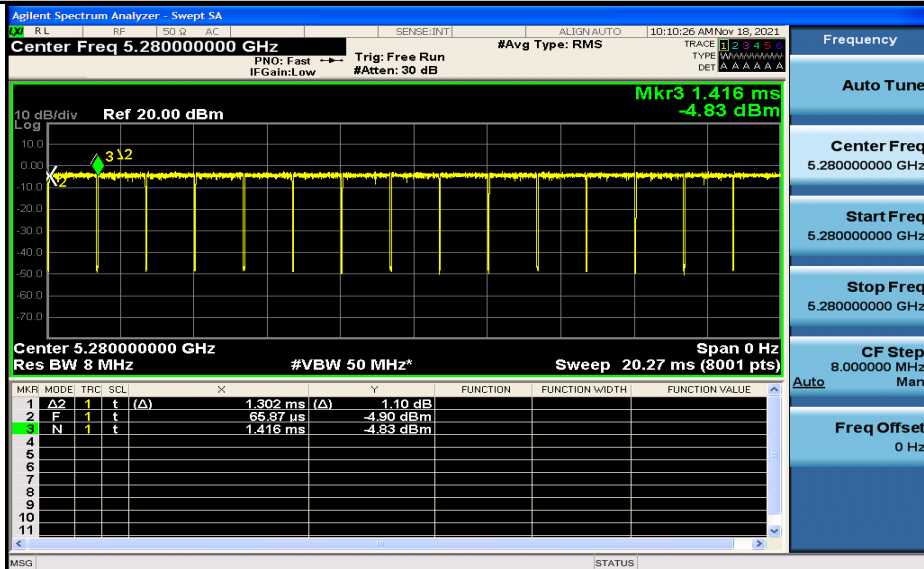
Duty Cycle_11N20_5240_Ant1



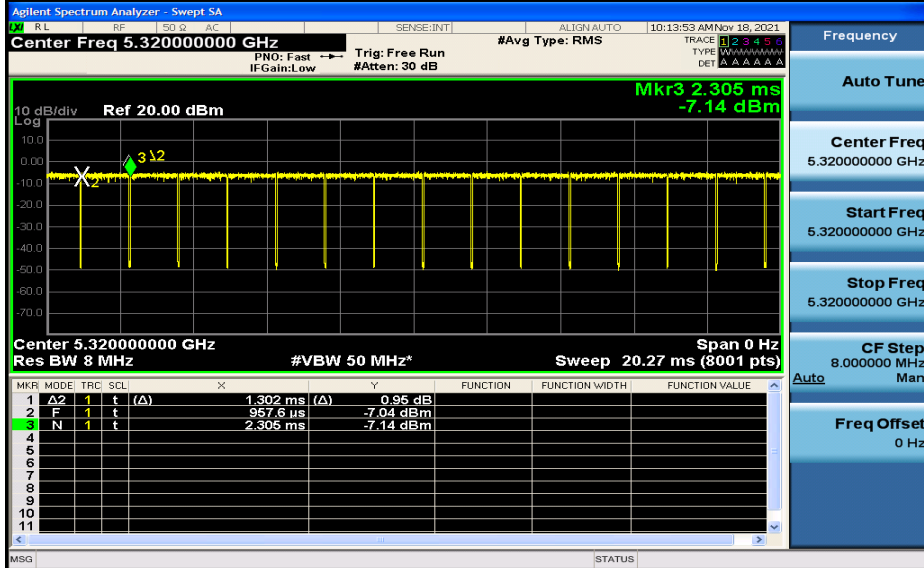
Duty Cycle_11N20_5260_Ant1



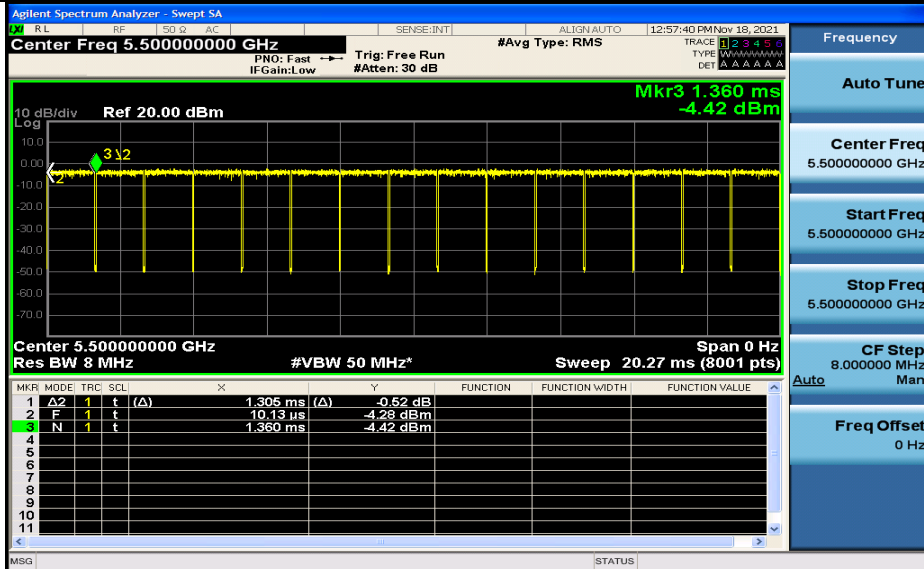
Duty Cycle_11N20_5280_Ant1



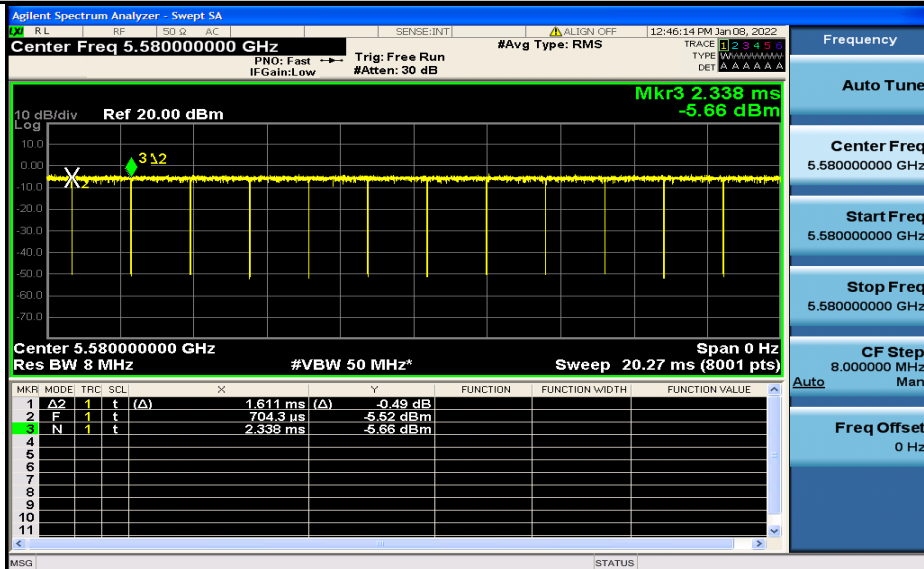
Duty Cycle_11N20_5320_Ant1



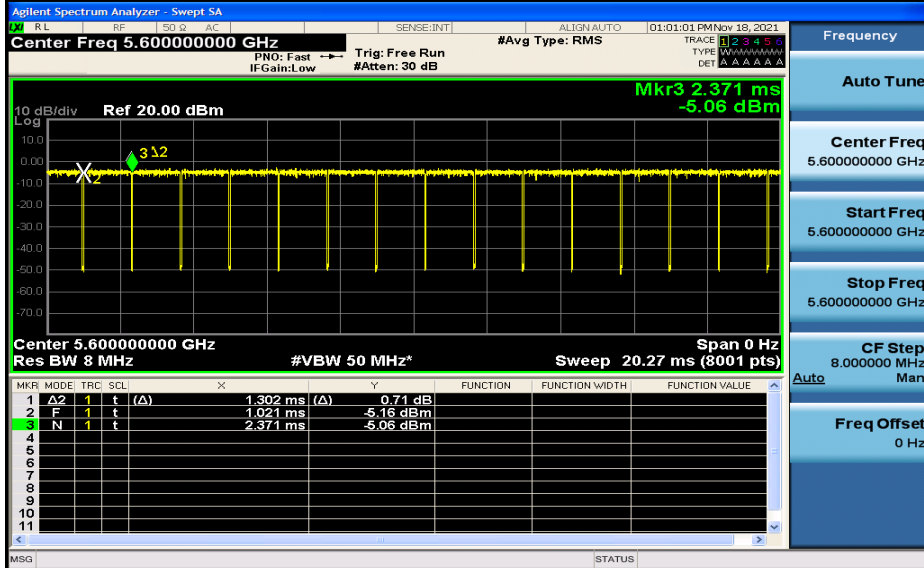
Duty Cycle_11N20_5500_Ant1



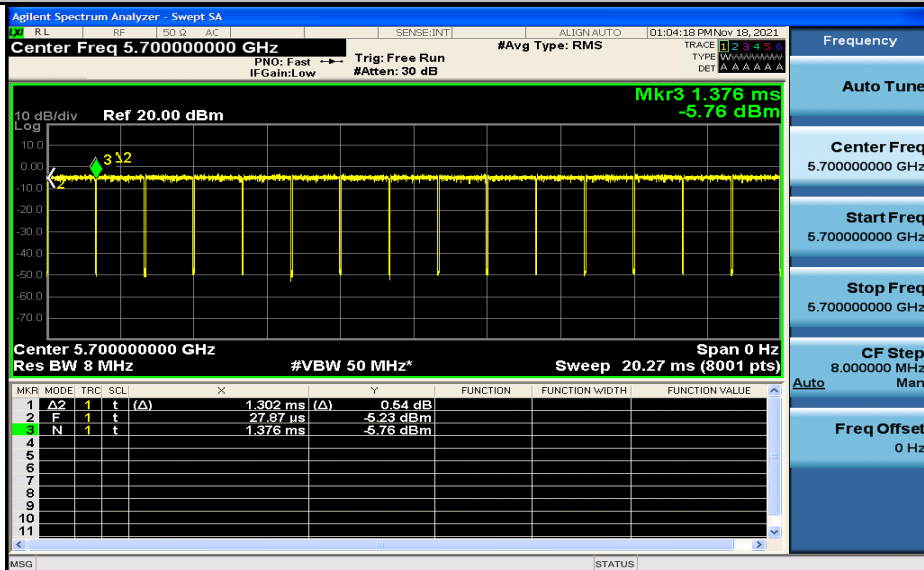
Duty Cycle_11N20_5580_Ant1



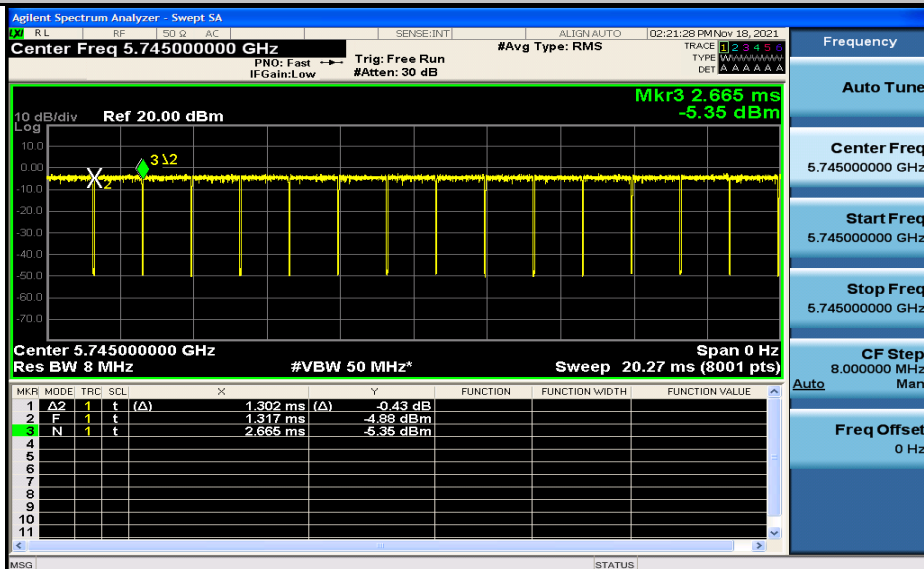
Duty Cycle_11N20_5600_Ant1



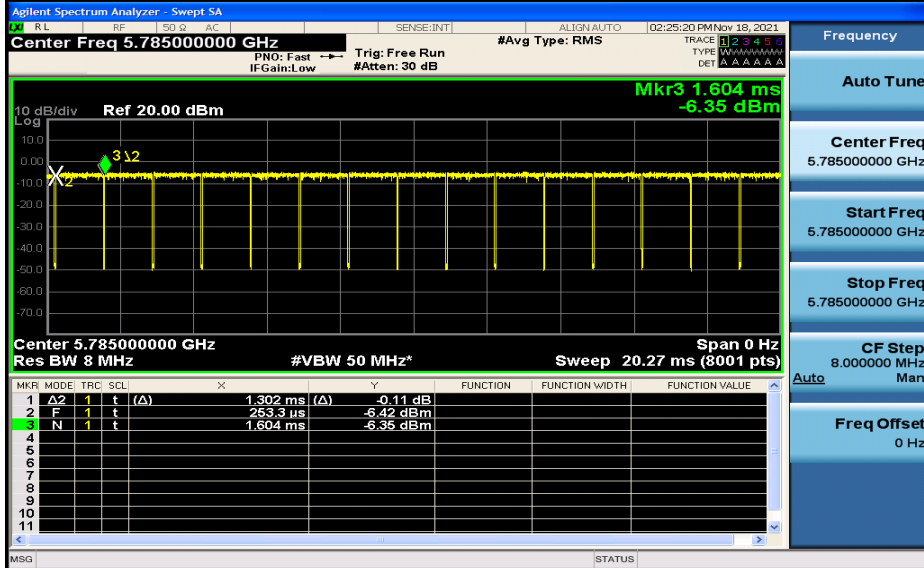
Duty Cycle_11N20_5700_Ant1



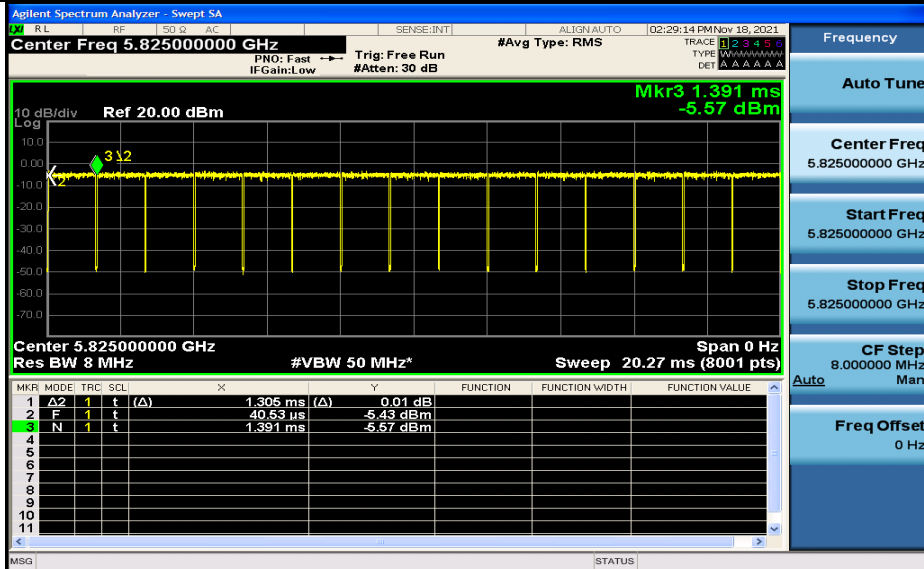
Duty Cycle_11N20_5745_Ant1



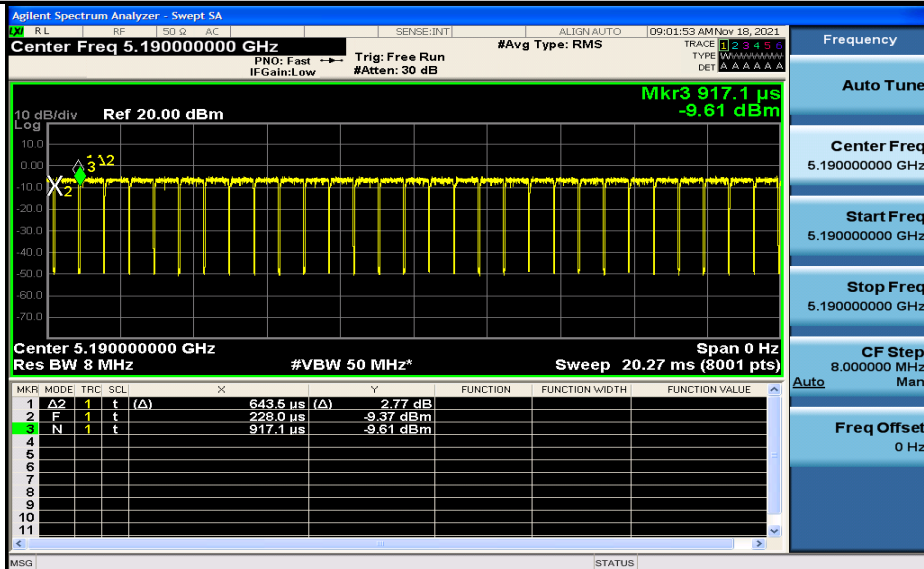
Duty Cycle_11N20_5785_Ant1



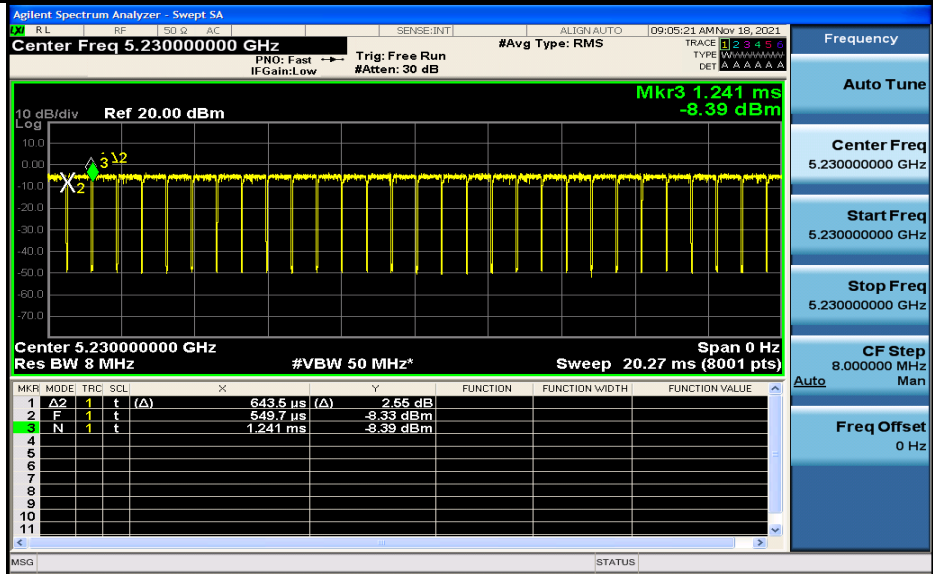
Duty Cycle_11N20_5825_Ant1



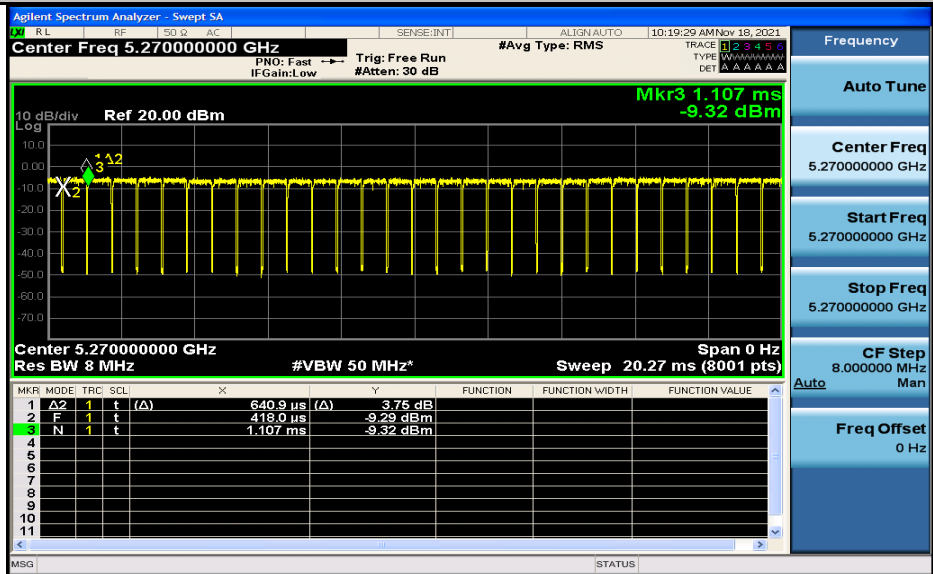
Duty Cycle_11N40_5190_Ant1



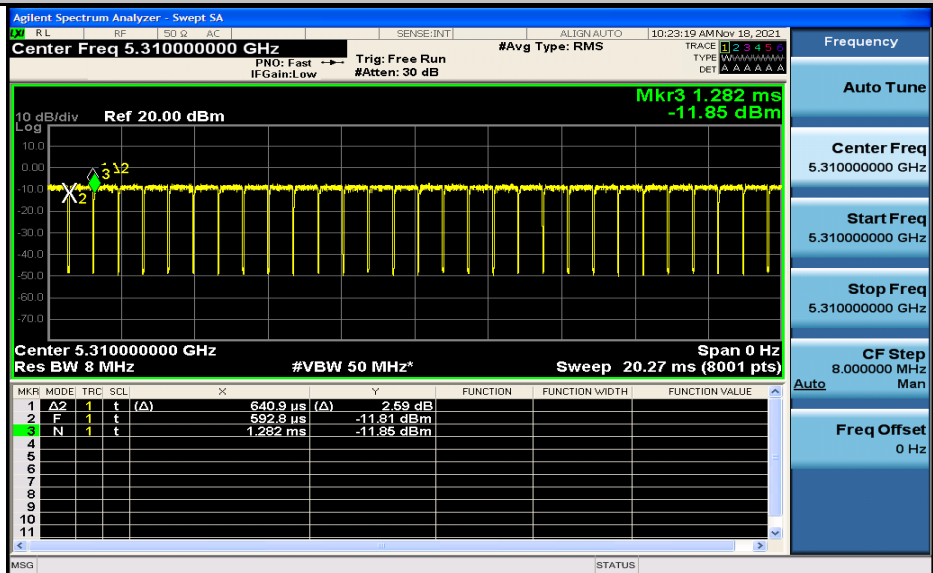
Duty Cycle_11N40_5230_Ant1



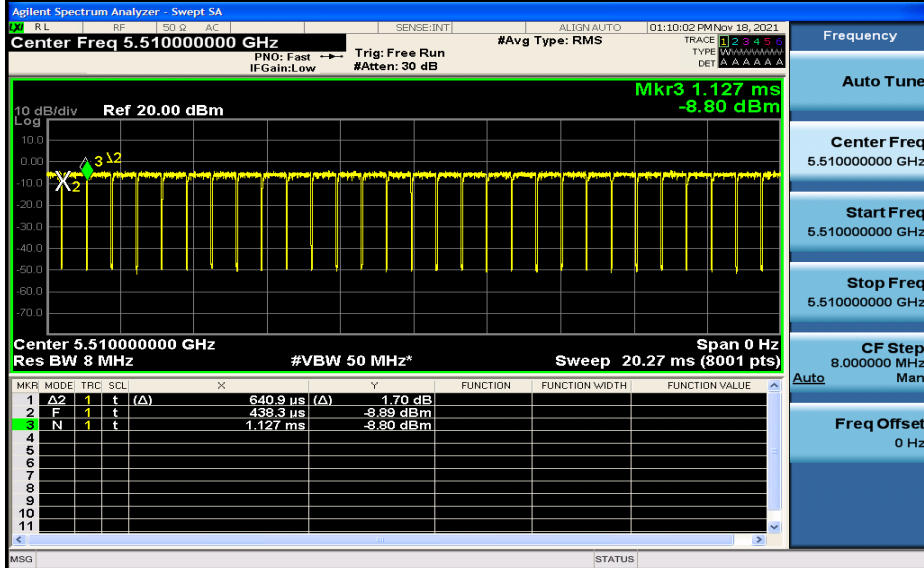
Duty Cycle_11N40_5270_Ant1



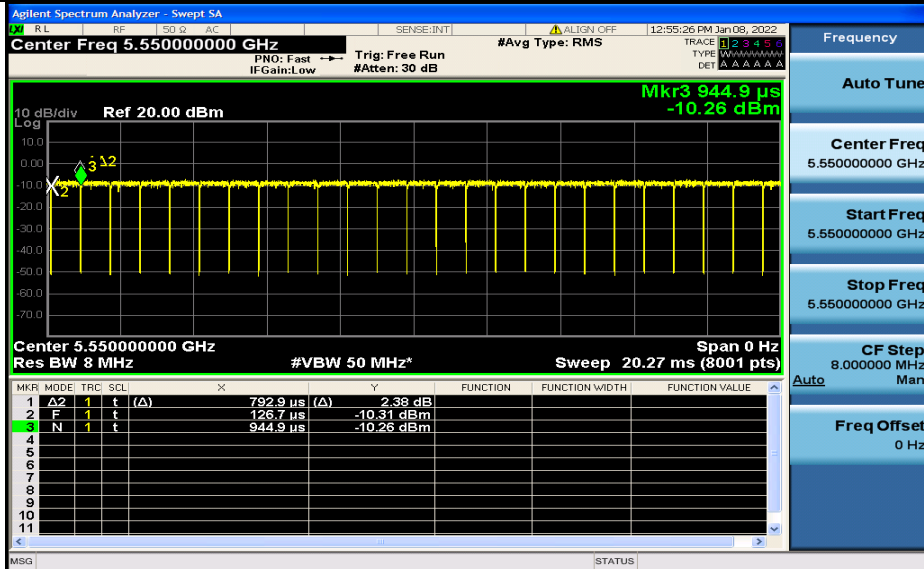
Duty Cycle_11N40_5310_Ant1



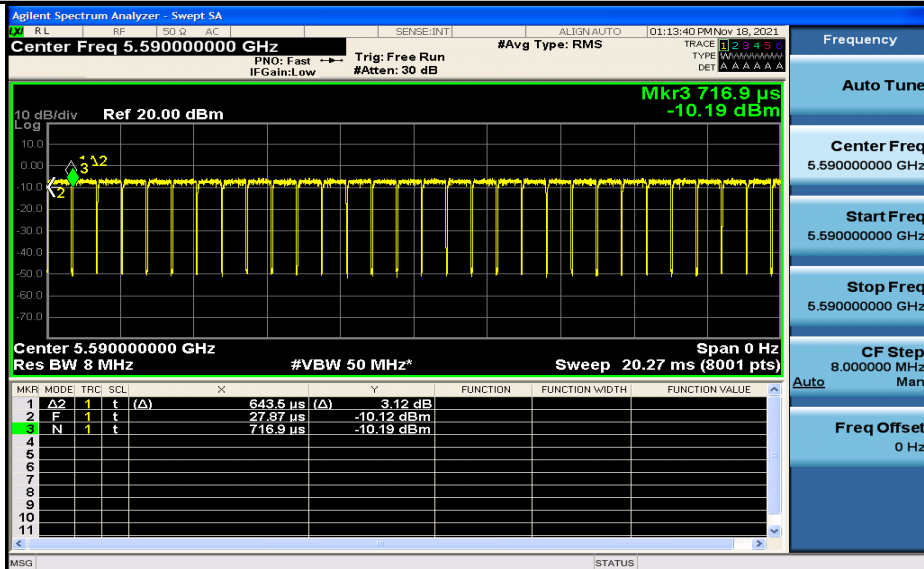
Duty Cycle_11N40_5510_Ant1



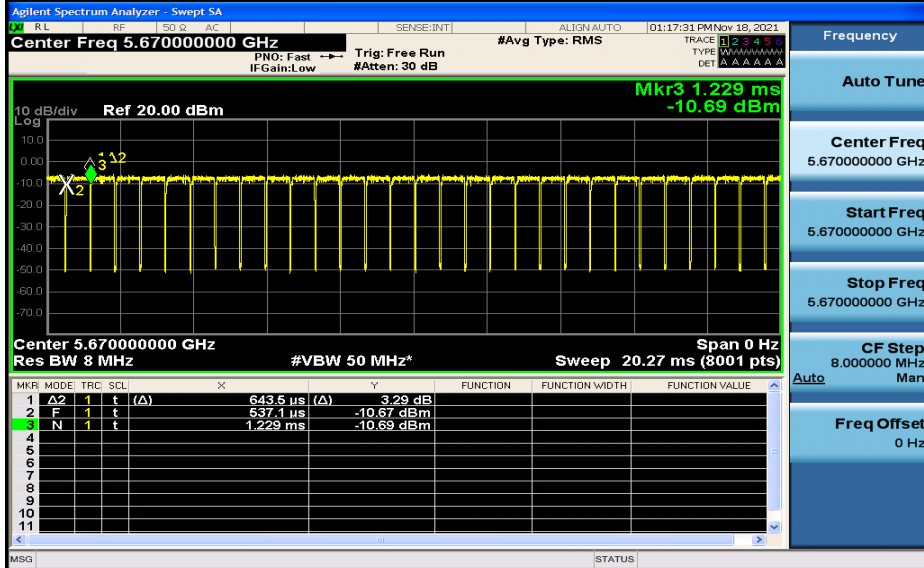
Duty Cycle_11N40_5550_Ant1



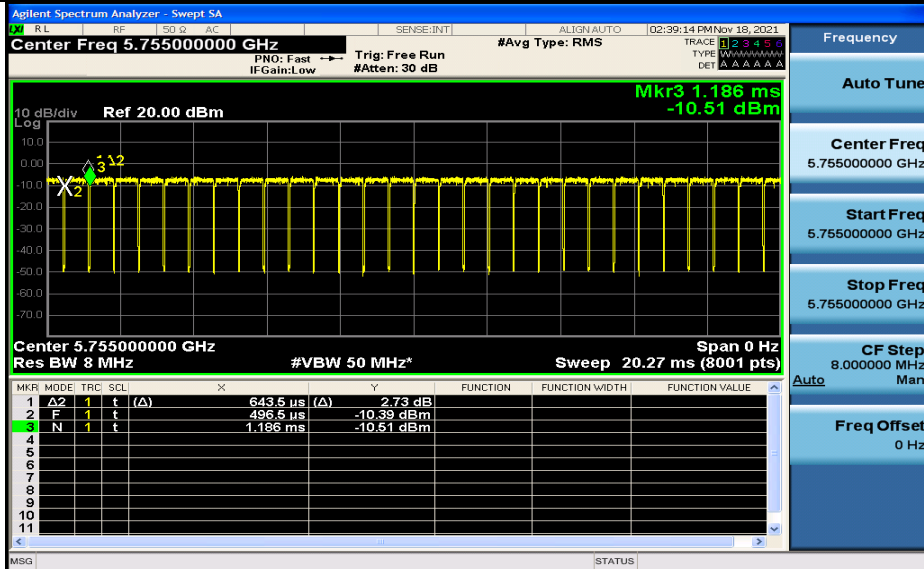
Duty Cycle_11N40_5590_Ant1



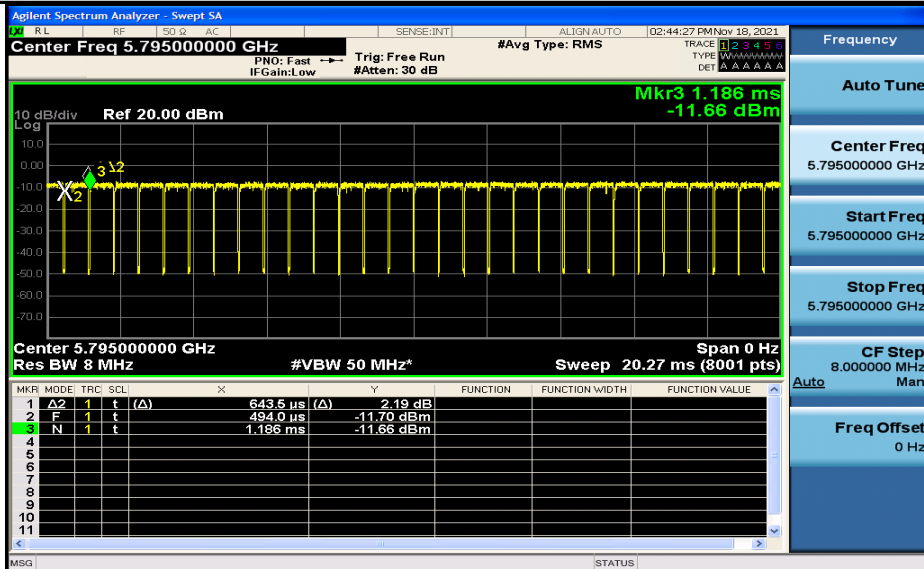
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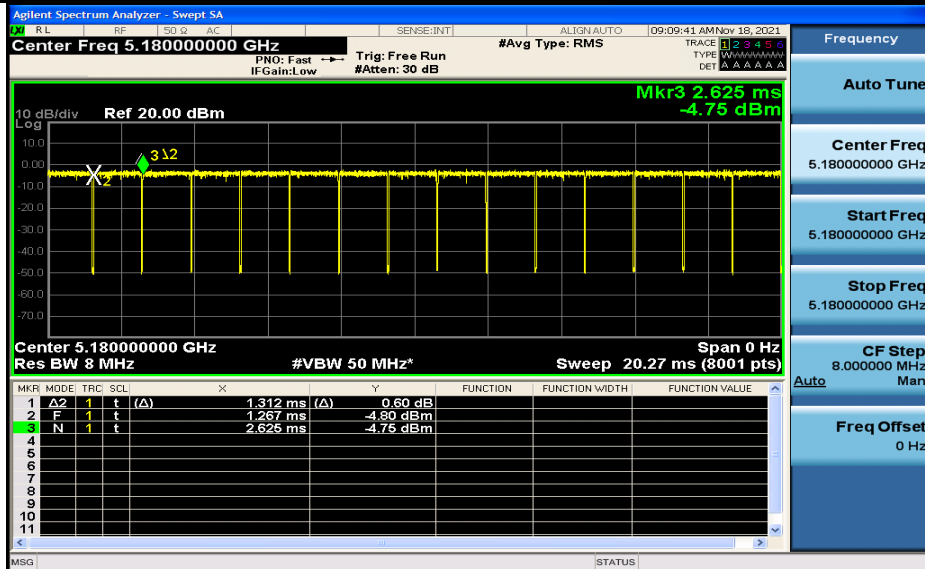
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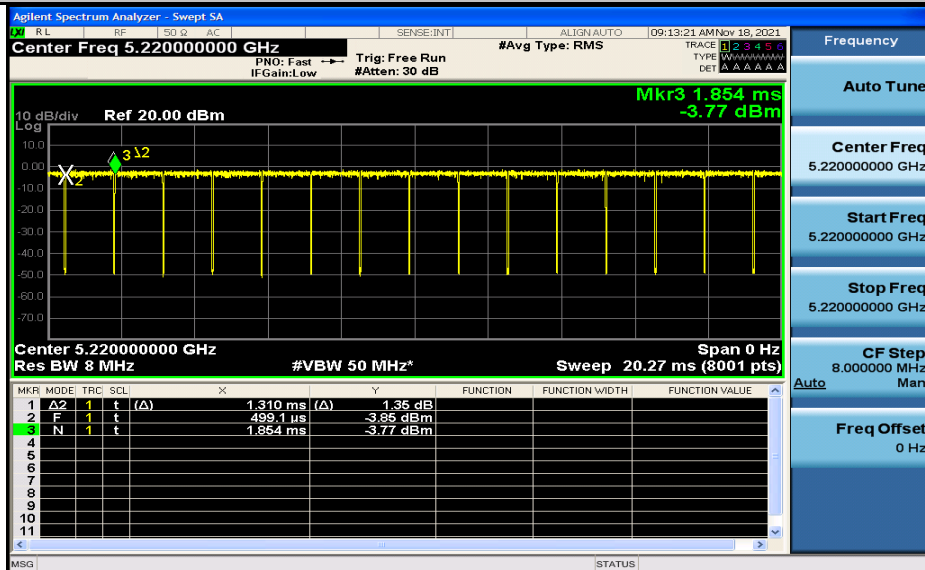
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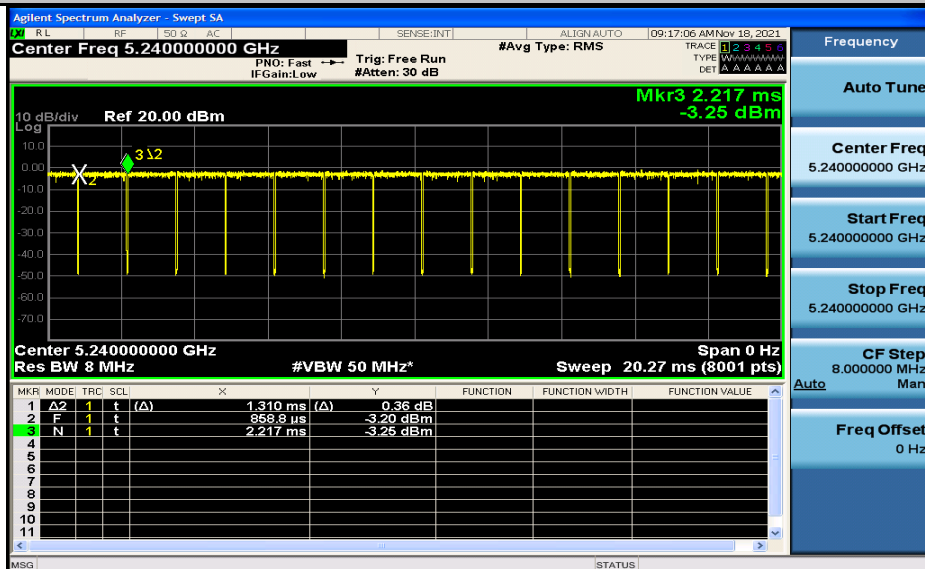
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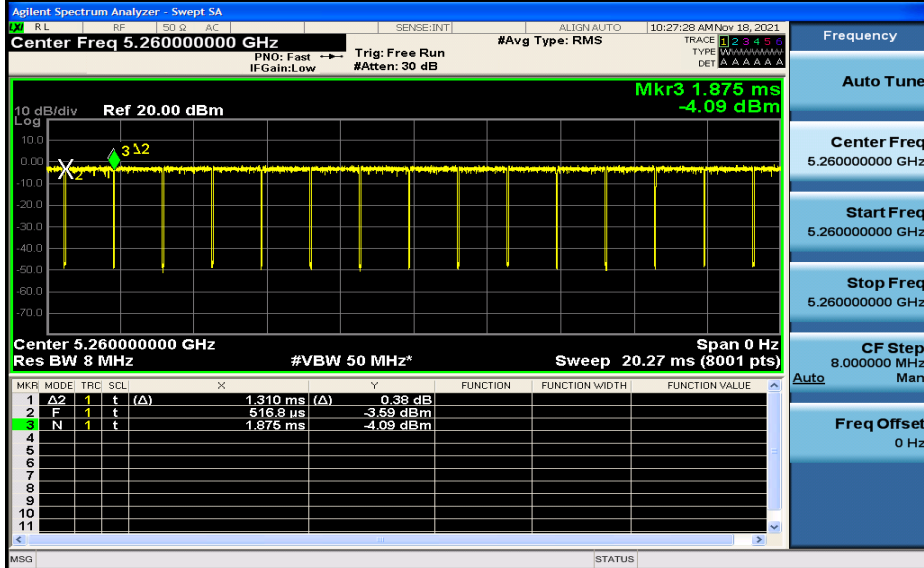
Duty Cycle_11AC20_5220_Ant1



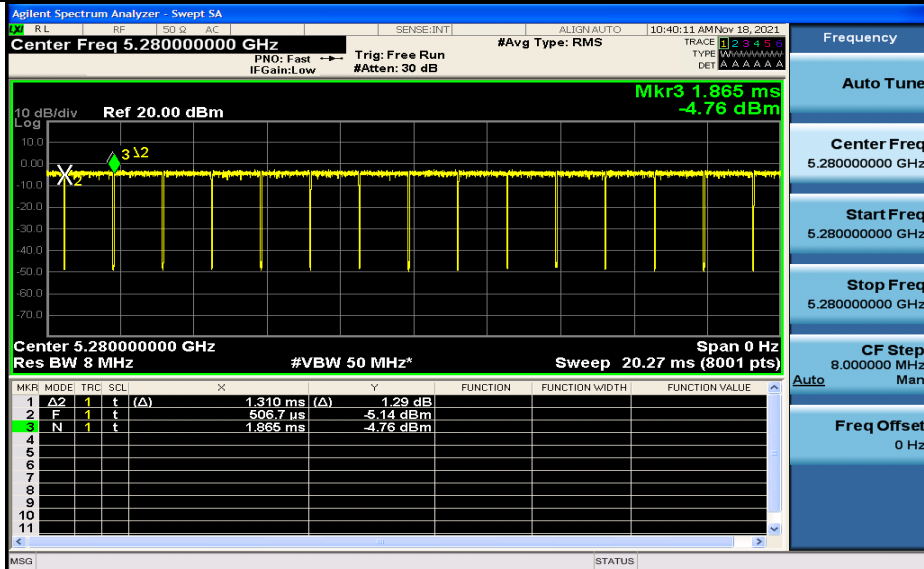
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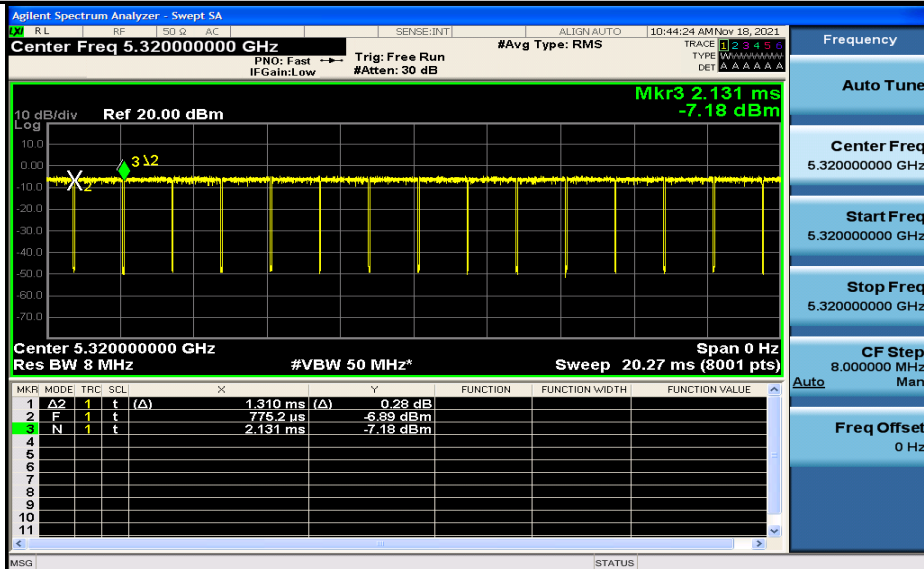
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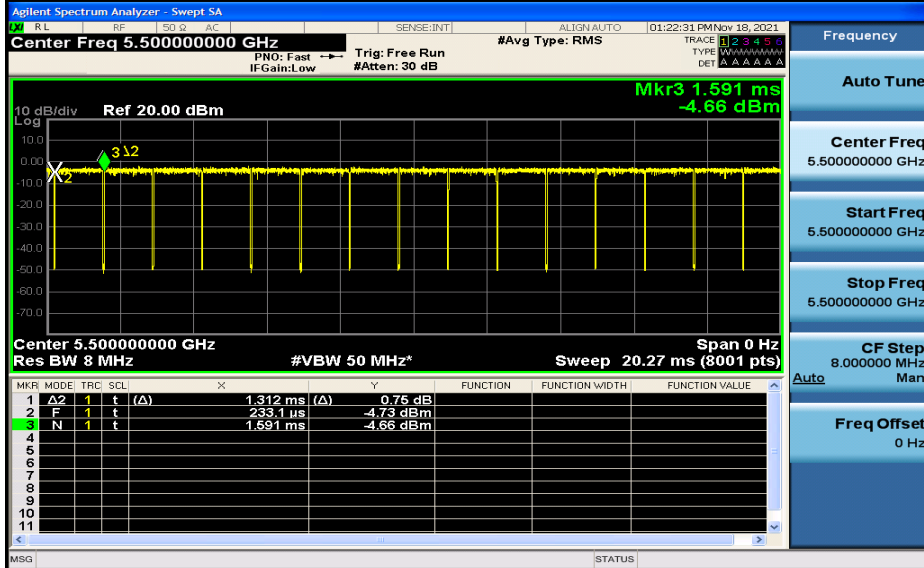
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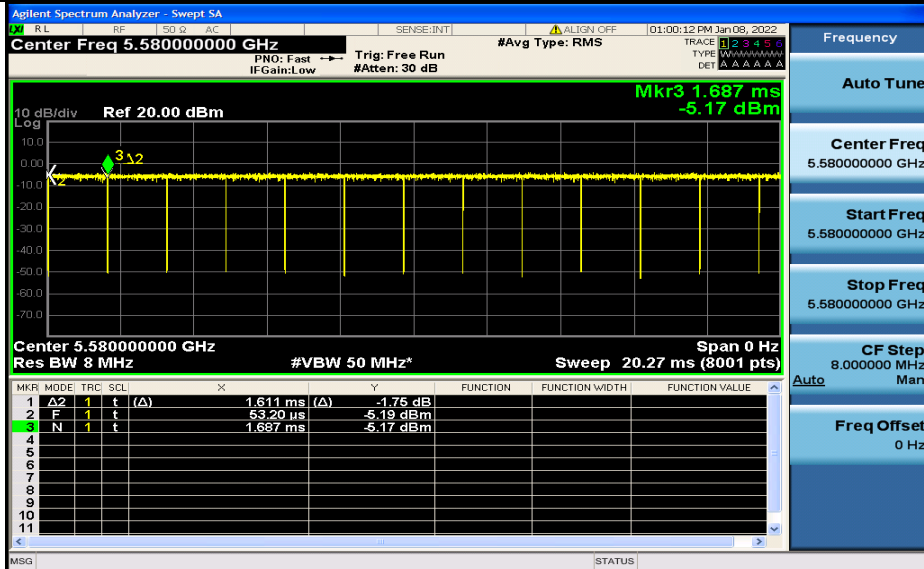
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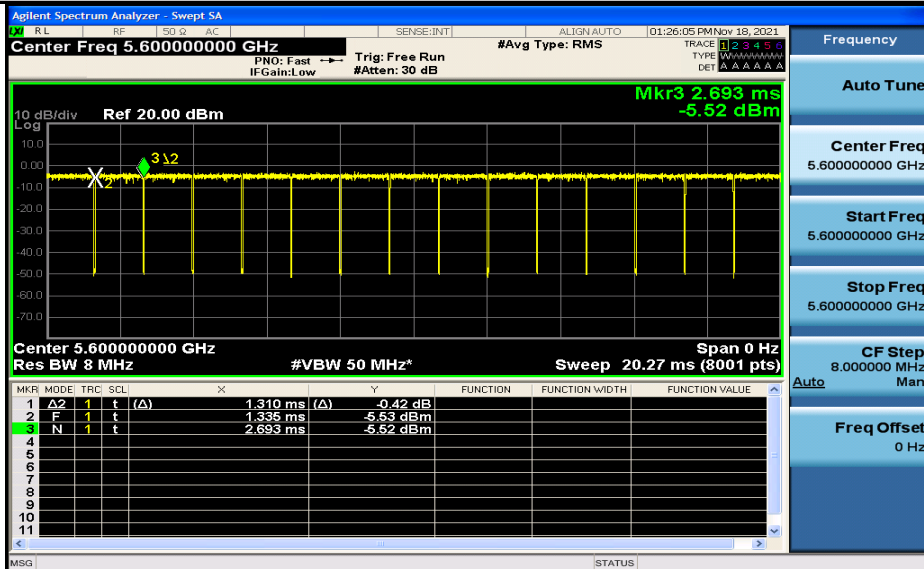
Duty Cycle_11AC20_5500_Ant1



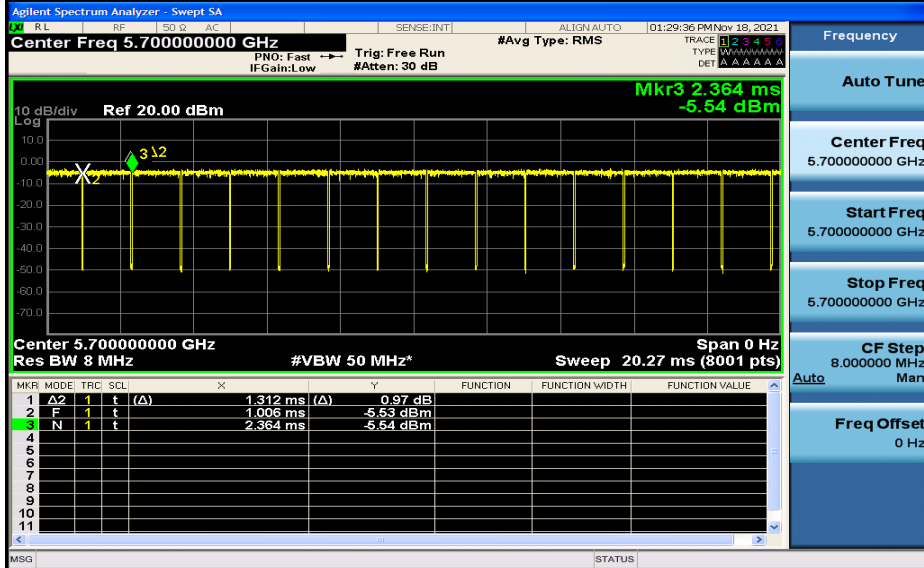
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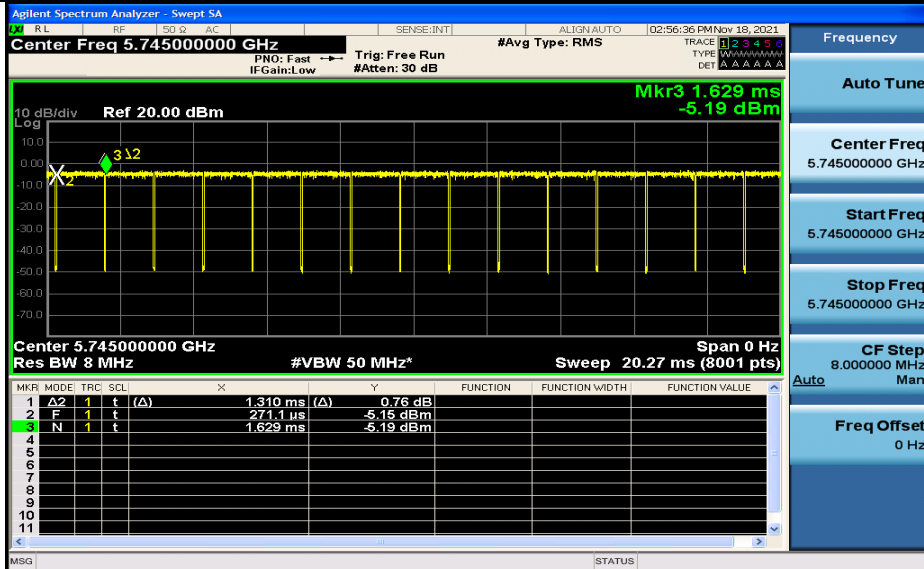
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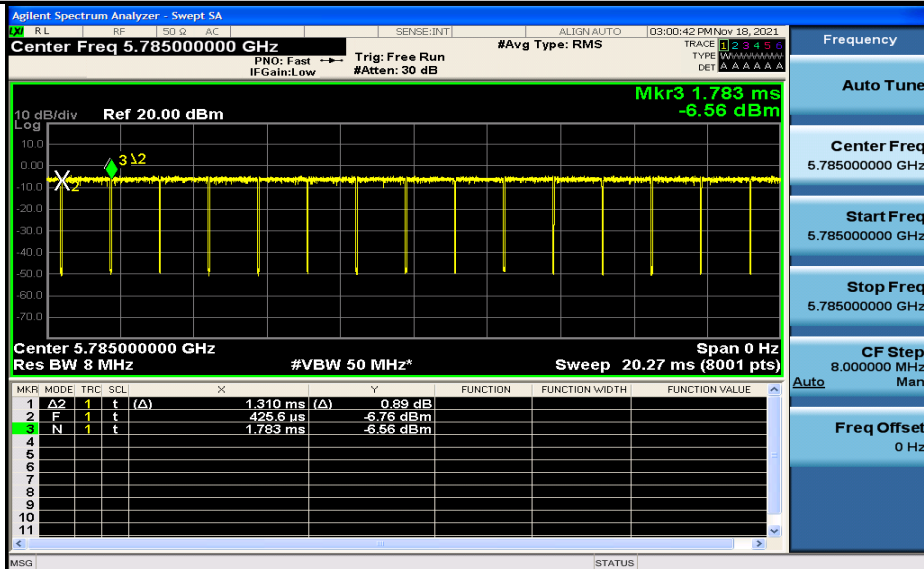
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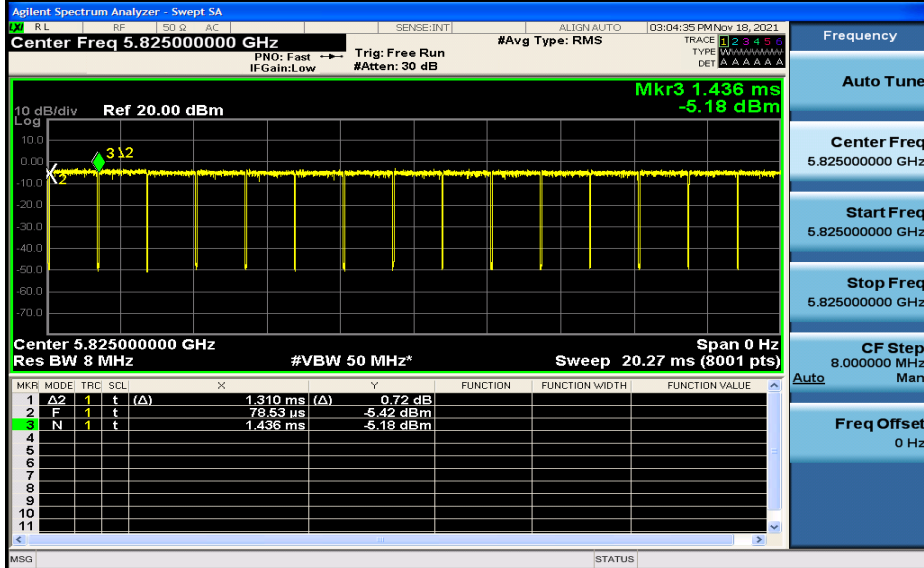
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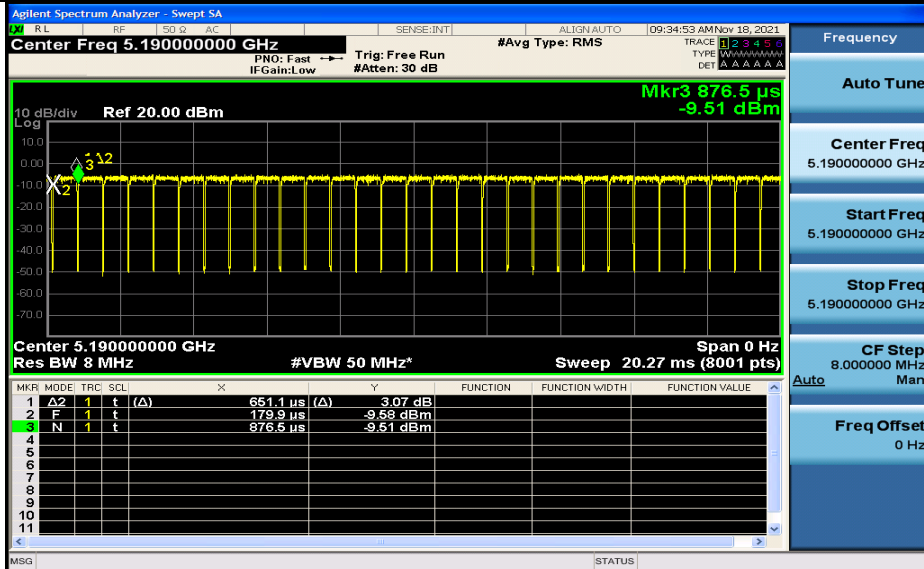
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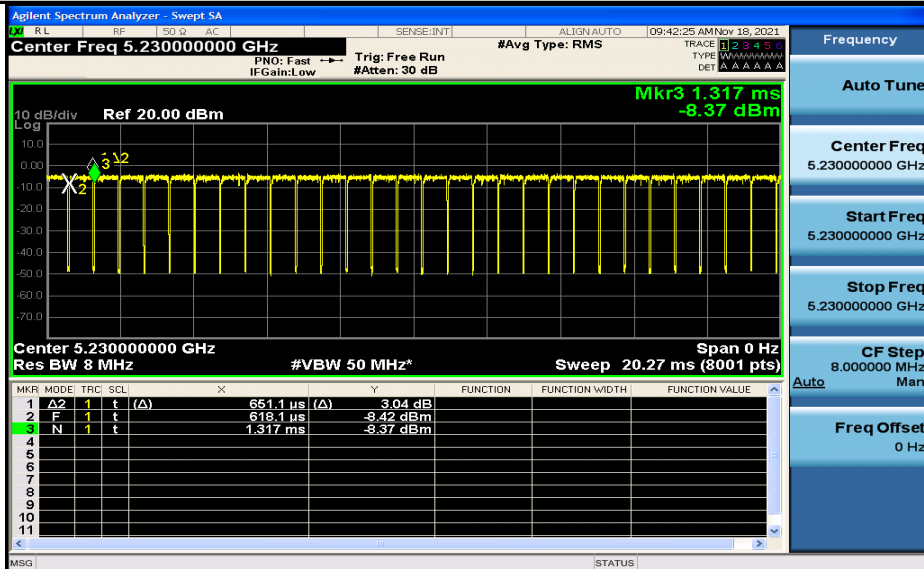
Duty Cycle_11AC20_5825_Ant1



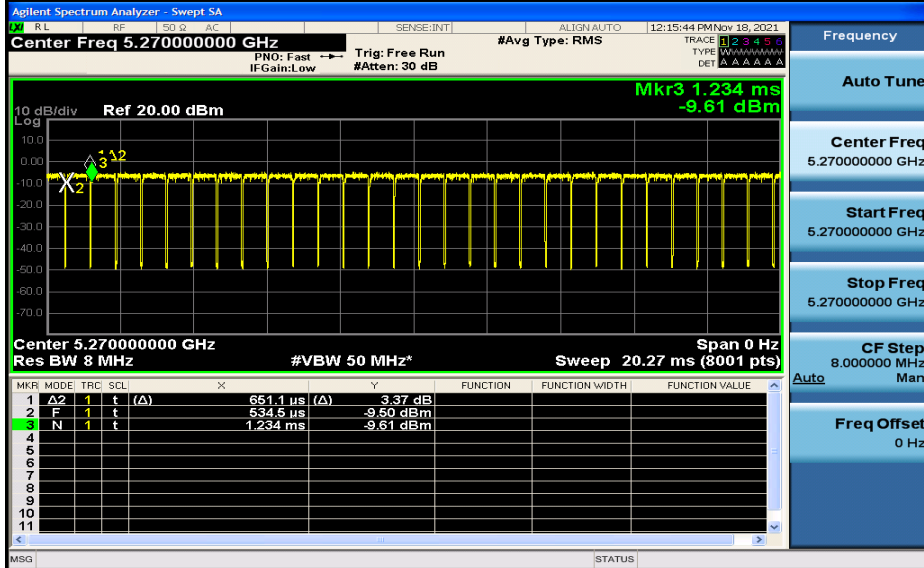
Duty Cycle_11AC40_5190_Ant1



Duty Cycle_11AC40_5230_Ant1

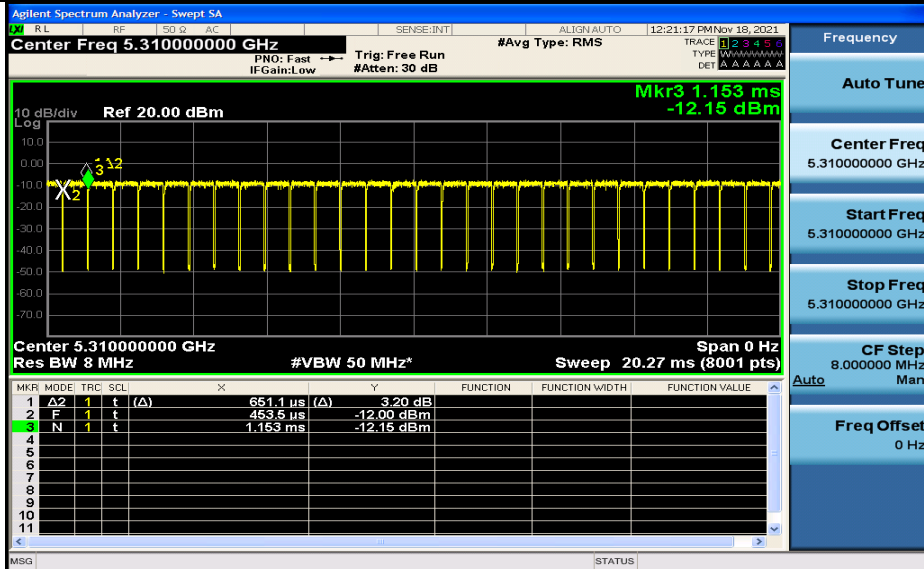


Duty Cycle_11AC40_5270_Ant1



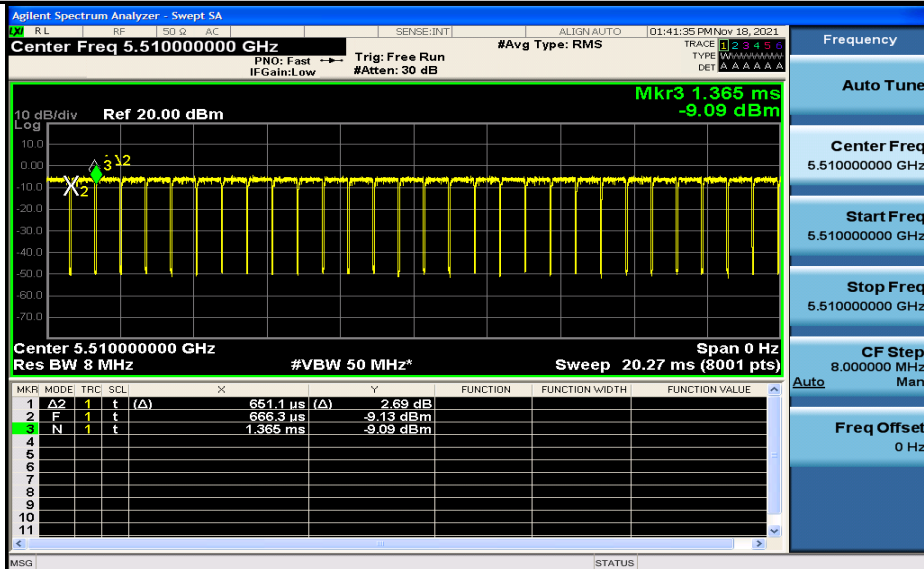
Frequency
Auto Tune
Center Freq 5.270000000 GHz
Start Freq 5.270000000 GHz
Stop Freq 5.270000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle_11AC40_5310_Ant1



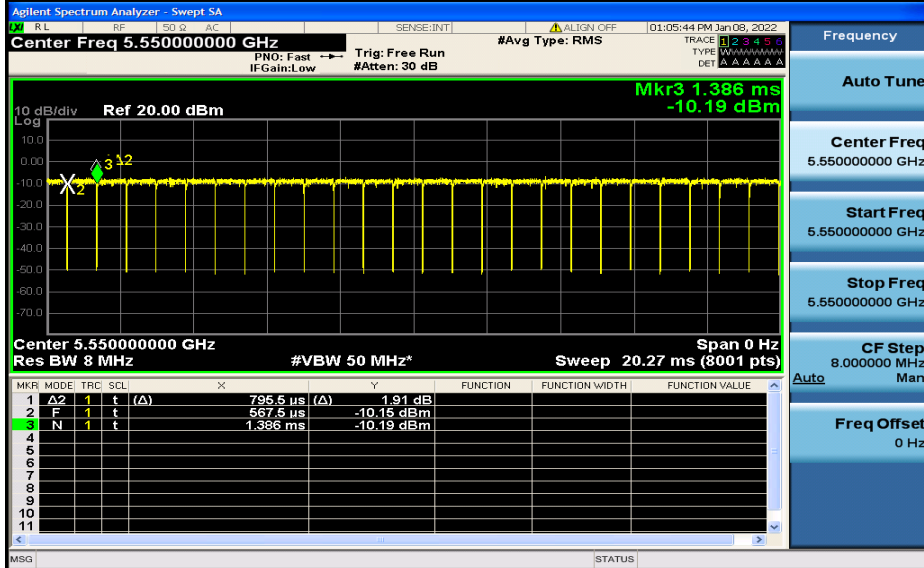
Frequency
Auto Tune
Center Freq 5.310000000 GHz
Start Freq 5.310000000 GHz
Stop Freq 5.310000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle_11AC40_5510_Ant1

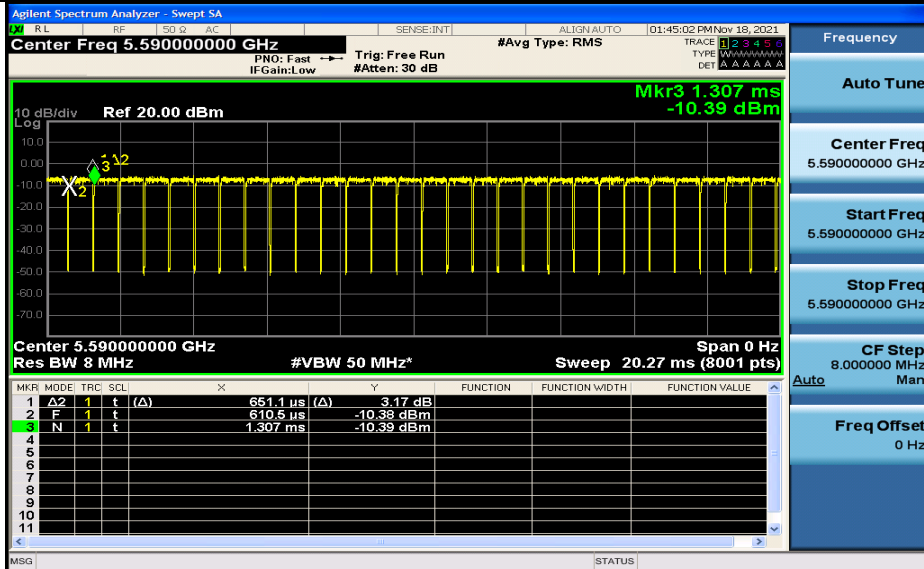


Frequency
Auto Tune
Center Freq 5.510000000 GHz
Start Freq 5.510000000 GHz
Stop Freq 5.510000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

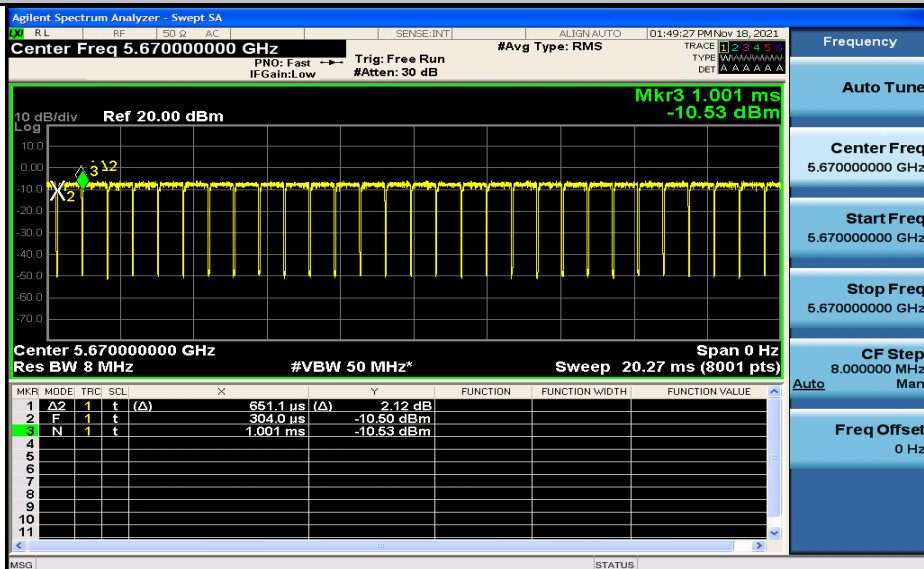
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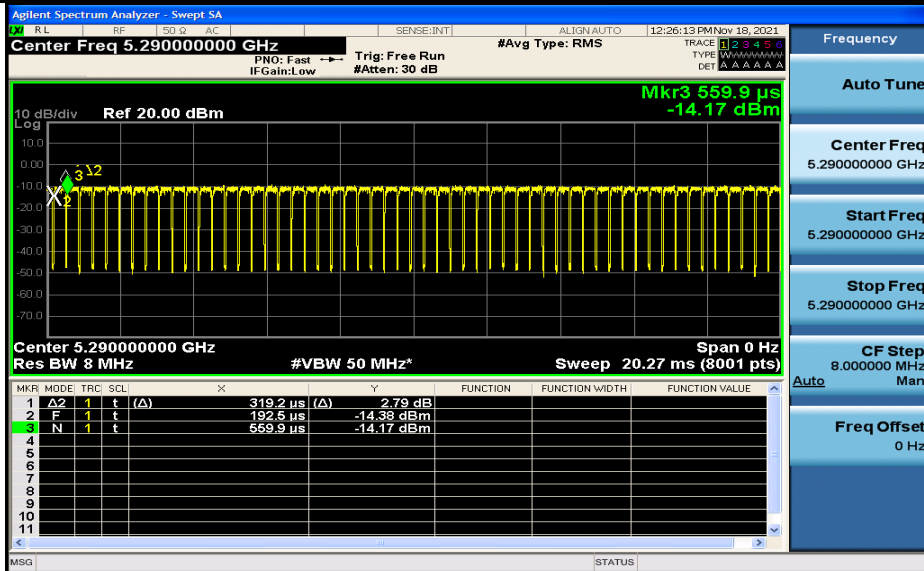
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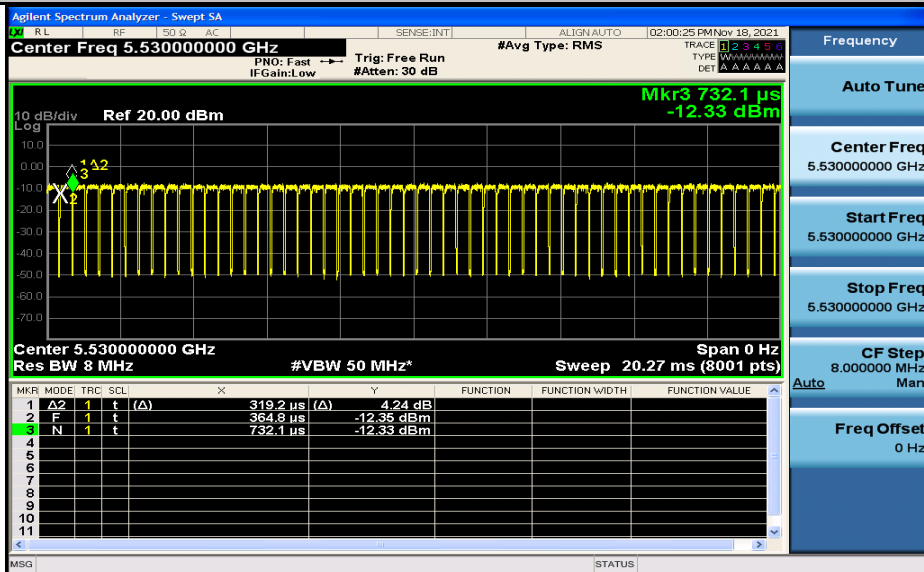
Duty Cycle_11AC40_5670_Ant1



Duty Cycle_11AC80_5290_Ant1



Duty Cycle_11AC80_5530_Ant1



Duty Cycle_11AC80_5610_Ant1

