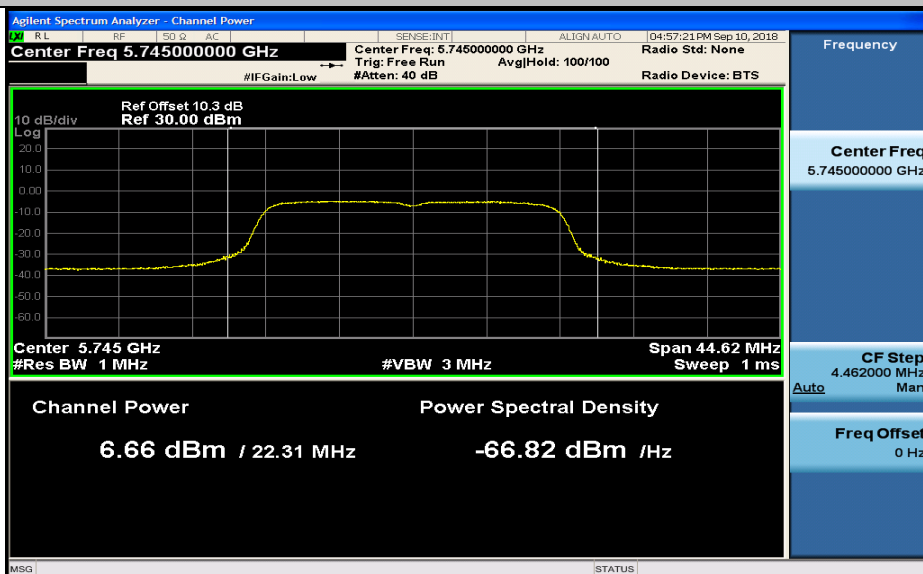
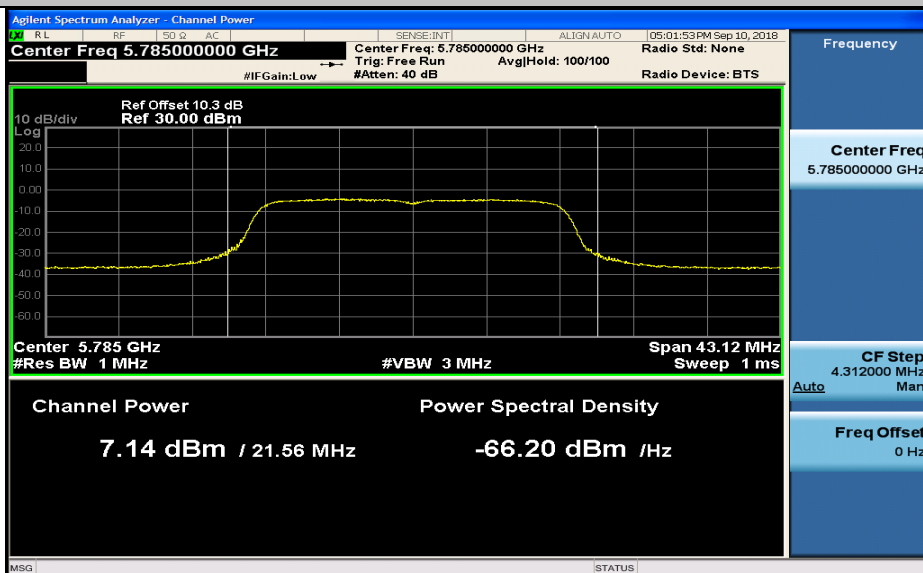


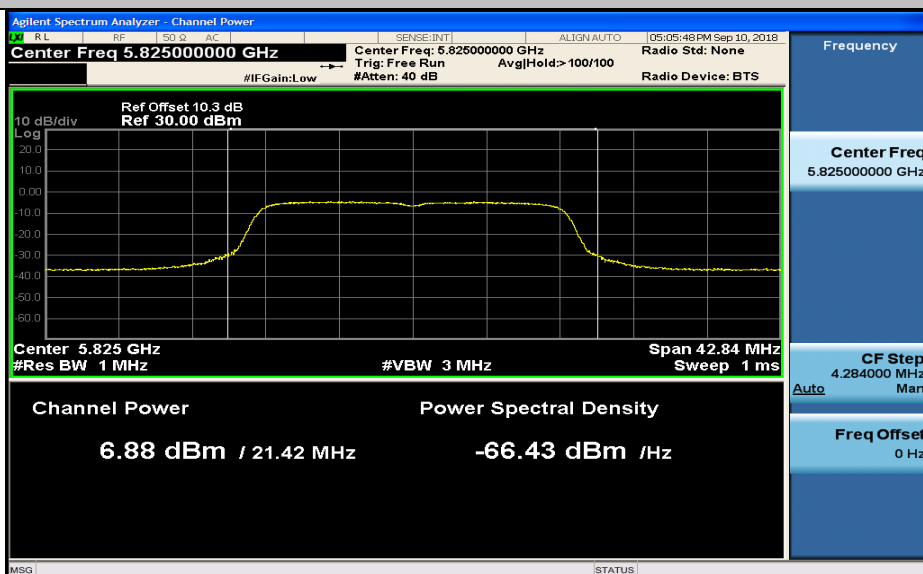
Maximum Conduct Output Power_11N20_5745_Ant2



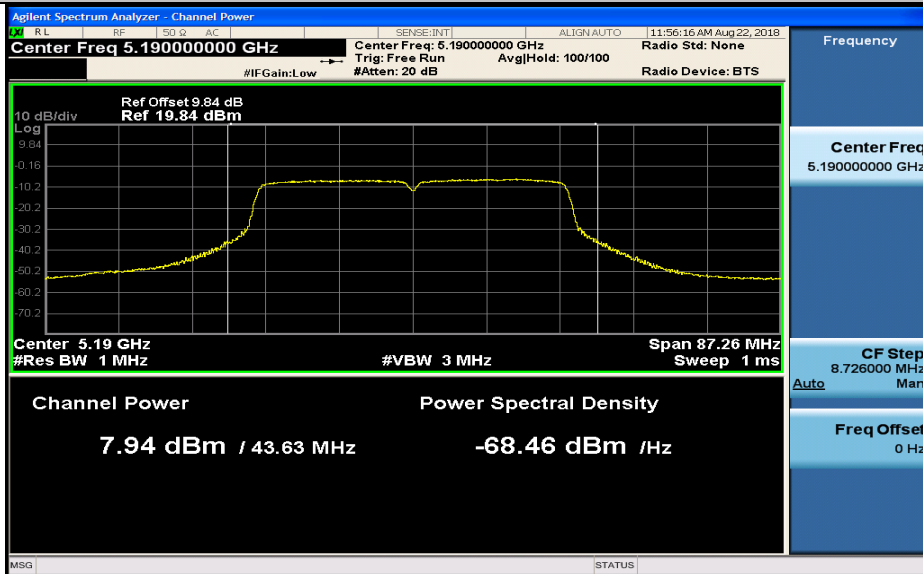
Maximum Conduct Output Power_11N20_5785_Ant2



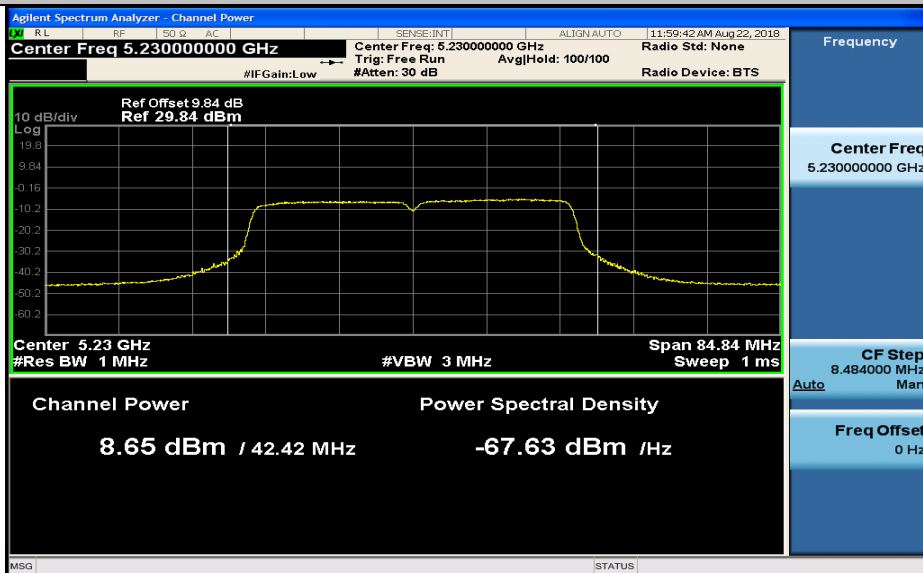
Maximum Conduct Output Power_11N20_5825_Ant2



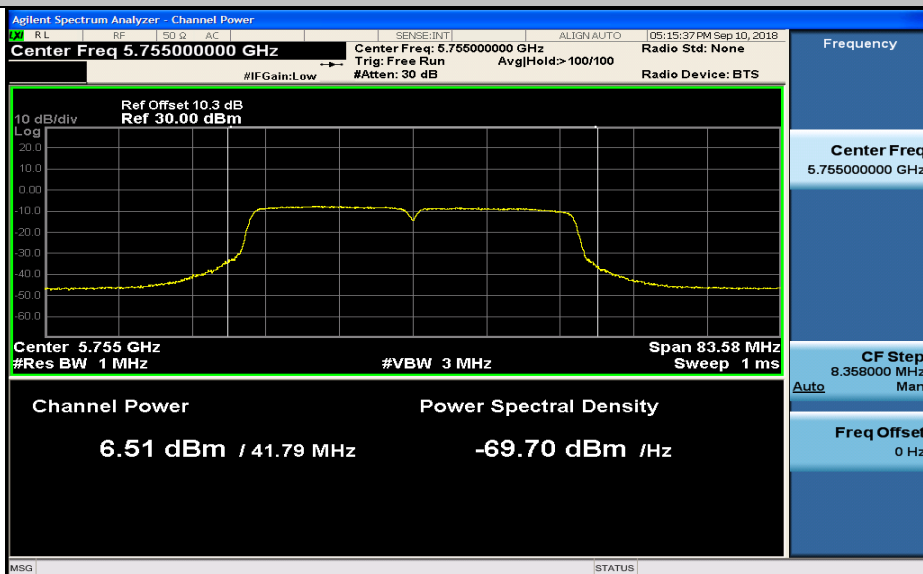
Maximum Conduct Output Power_11N40_5190_Ant2



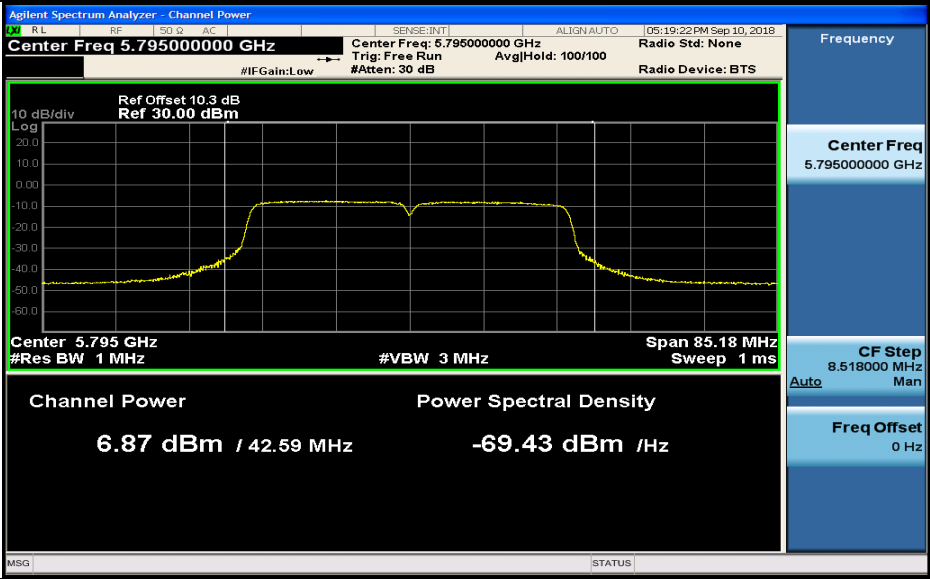
Maximum Conduct Output Power_11N40_5230_Ant2



Maximum Conduct Output Power_11N40_5755_Ant2



Maximum Conduct Output Power_11N40_5795_Ant2

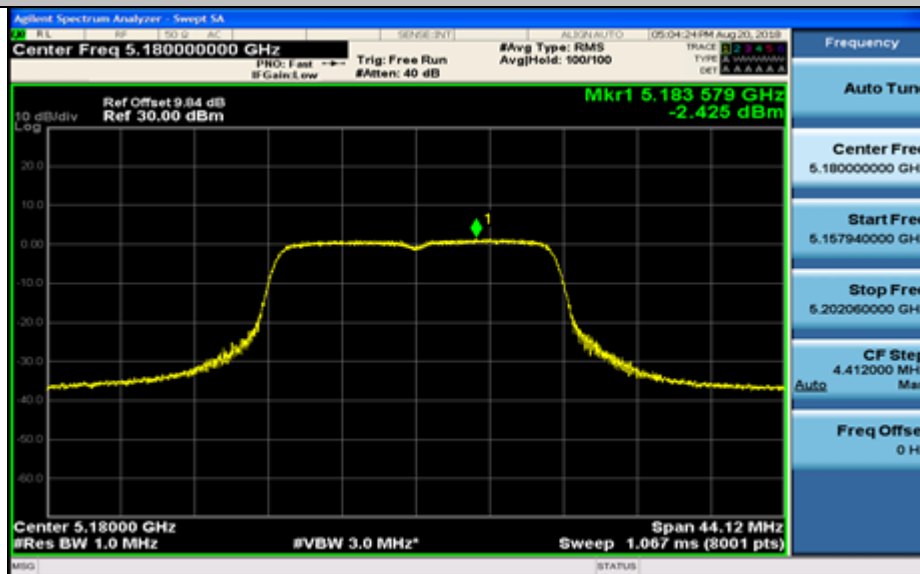


4.Maximum Power Spectral Density

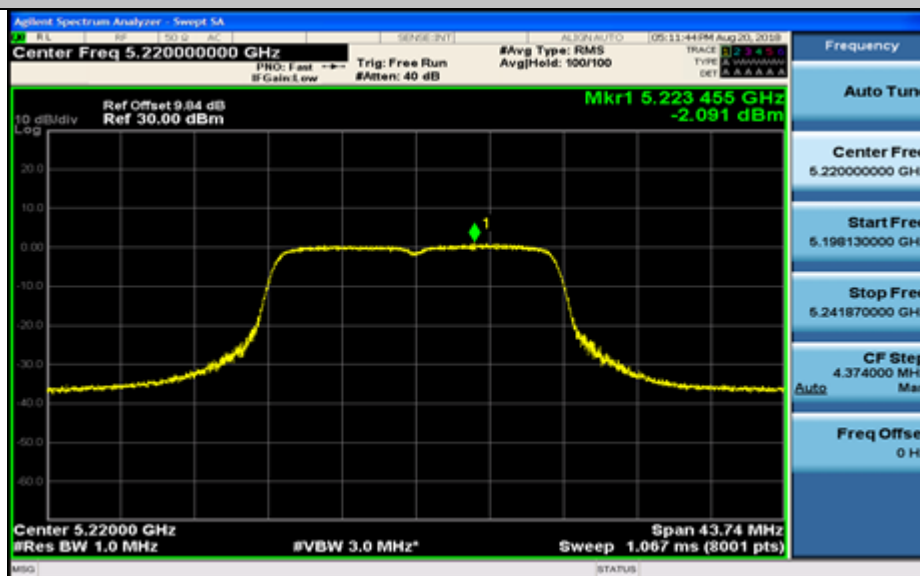
Test Mode	Test Channel	Level [dBm/MHz]		10log(1/x) Factor [dB]		PSD [dBm/MHz]			Limit [dBm/MHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11A	5180	-2.43	-0.53	0.11	0.1	-2.32	-0.43	N/A	3.00	PASS
11A	5220	-2.09	-0.62	0.11	0.11	-1.98	-0.51	N/A	3.00	PASS
11A	5240	-2.06	-0.71	0.11	0.11	-1.95	-0.6	N/A	3.00	PASS
11N20	5180	-5.07	-2.57	0.22	0.21	-4.85	-2.36	-0.42	0.00	PASS
11N20	5220	-5.06	-2.41	0.21	0.21	-4.85	-2.2	-0.32	0.00	PASS
11N20	5240	-5.22	-2.43	0.22	0	-5	-2.43	-0.52	0.00	PASS
11N40	5190	-5.37	-6.25	0.31	0.31	-5.06	-5.94	-2.47	0.00	PASS
11N40	5230	-2.77	-5.31	0.33	0.33	-2.44	-4.98	-0.52	0.00	PASS

Test Mode	Test Channel	Level [dBm/500kHz]		10log(1/x) Factor [dB]		10log(500kHz/RBW) Factor [dB]		PSD [dBm/500kHz]			Limit [dBm/500kHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11A	5745	-8.38	-7.72	0.10	0.11	2.22	2.22	-6.06	-5.39	N/A	16.00	PASS
11A	5785	-8.98	-7.57	0.11	0.1	2.22	2.22	-6.66	-5.25	N/A	16.00	PASS
11A	5825	-10.50	-7.81	0.10	0.1	2.22	2.22	-8.18	-5.49	N/A	16.00	PASS
11N20	5745	-10.46	-9.67	0.21	0.21	2.22	2.22	-8.03	-7.24	-4.61	13.00	PASS
11N20	5785	-11.14	-8.92	0.21	0.21	2.22	2.22	-8.71	-6.49	-4.45	13.00	PASS
11N20	5825	-12.96	-9.5	0.21	0.21	2.22	2.22	-10.53	-7.07	-5.45	13.00	PASS
11N40	5755	-13.78	-12.44	0.31	0.33	2.22	2.22	-11.25	-9.89	-7.51	13.00	PASS
11N40	5795	-14.20	-12.49	0.33	0.33	2.22	2.22	-11.66	-9.94	-7.71	13.00	PASS

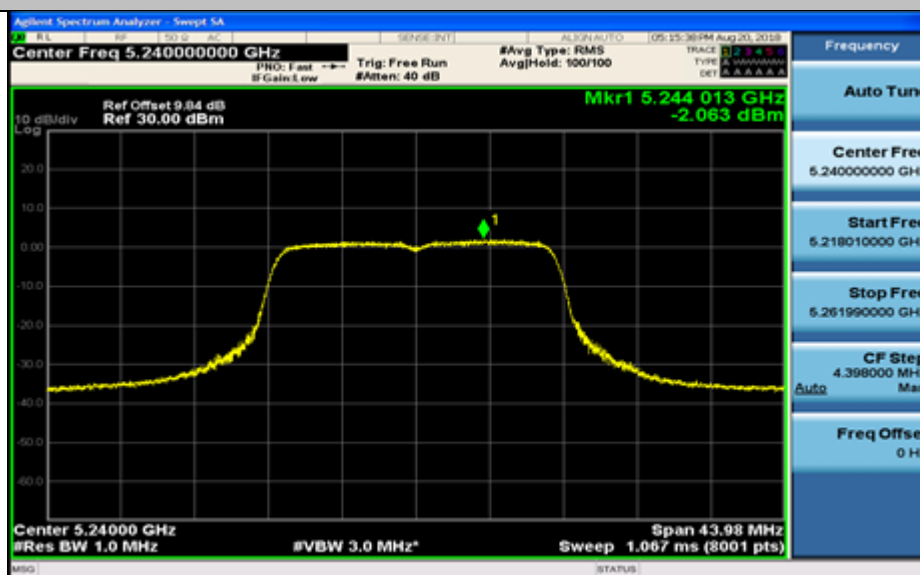
Maximum Power Spectral Density_TNVN_11A_5180_Ant1



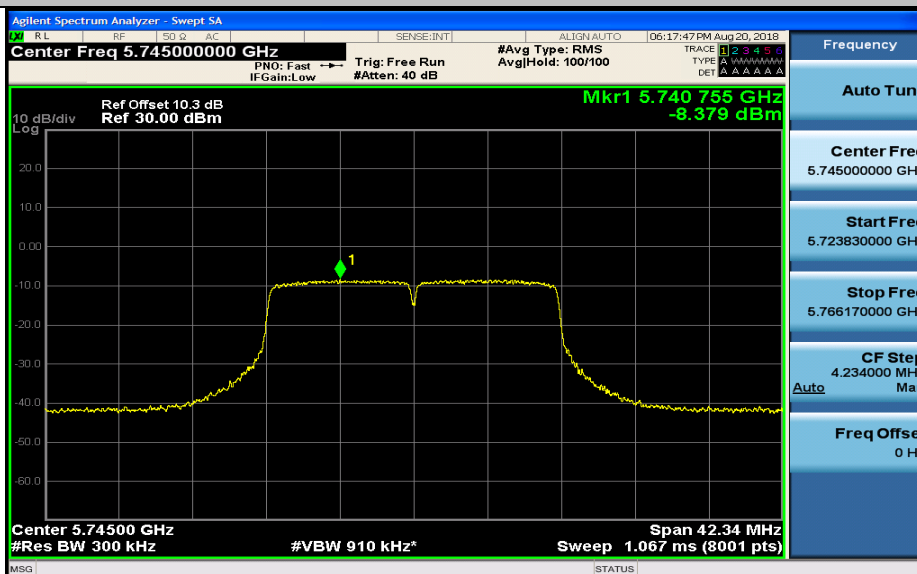
Maximum Power Spectral Density_TNVN_11A_5220_Ant1



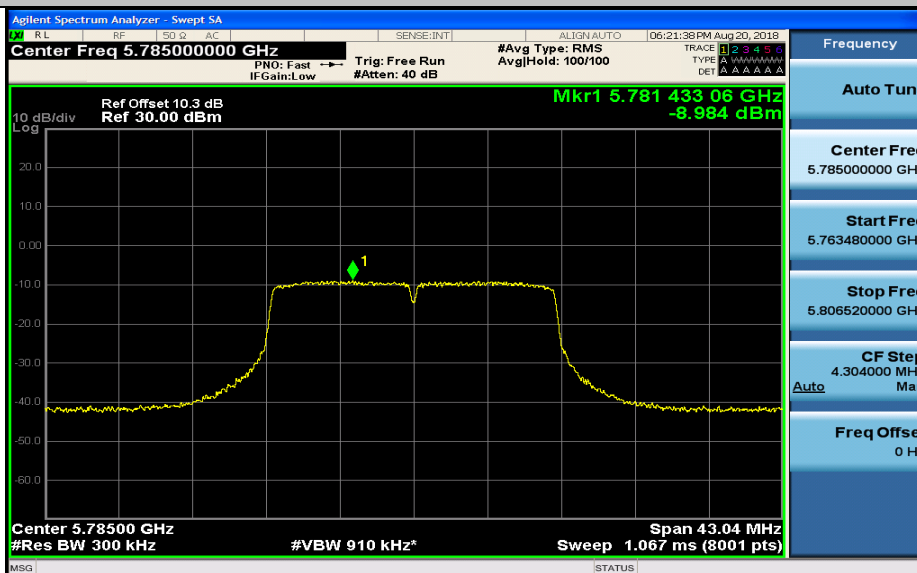
Maximum Power Spectral Density_TNVN_11A_5240_Ant1



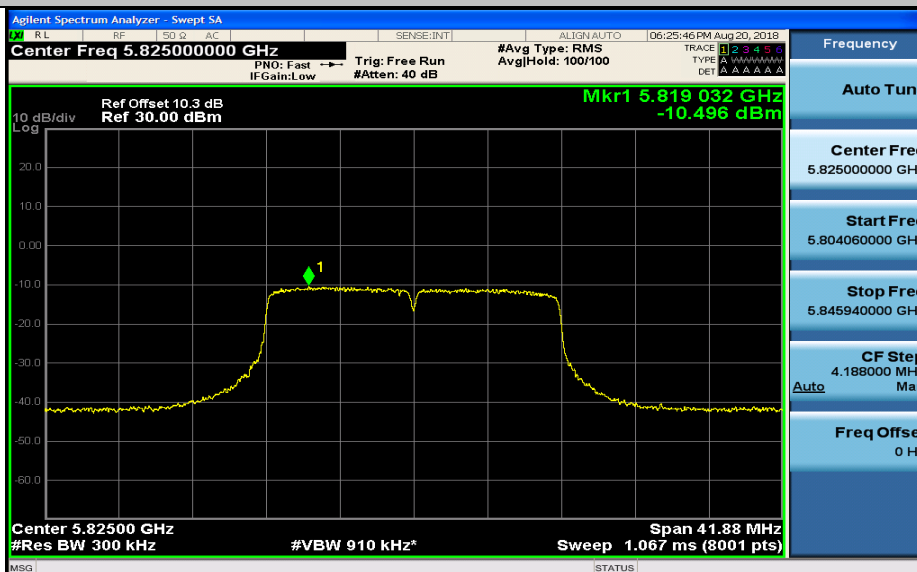
Maximum Power Spectral Density_TNVN_11A_5745_Ant1



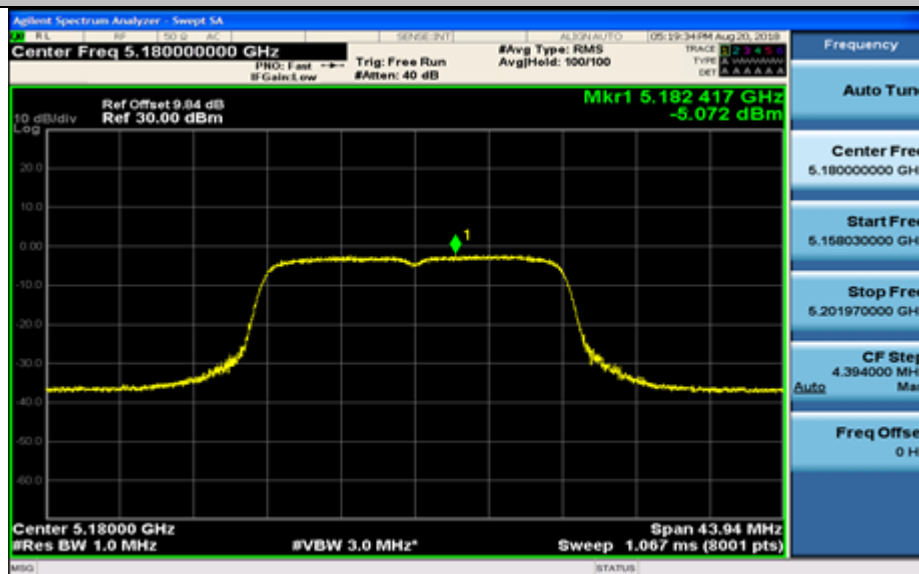
Maximum Power Spectral Density_TNVN_11A_5785_Ant1



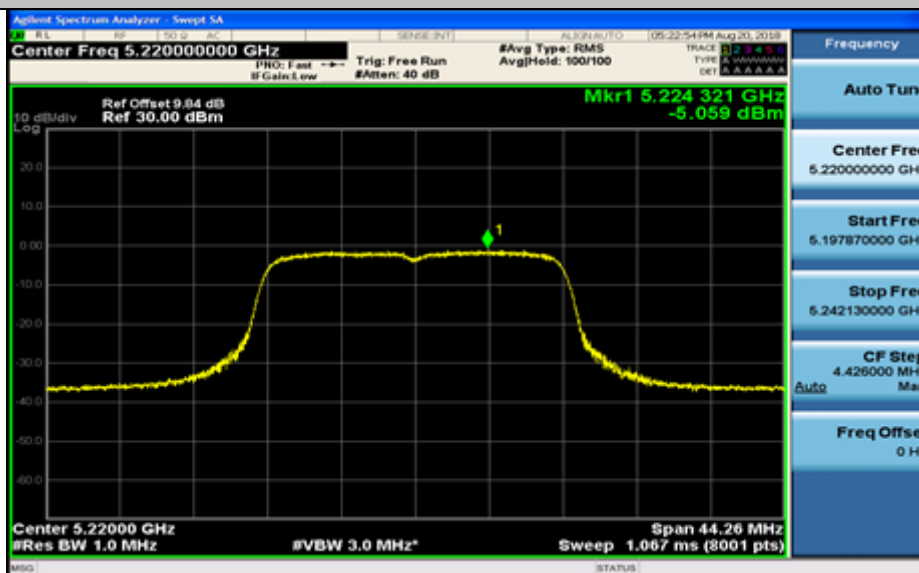
Maximum Power Spectral Density_TNVN_11A_5825_Ant1



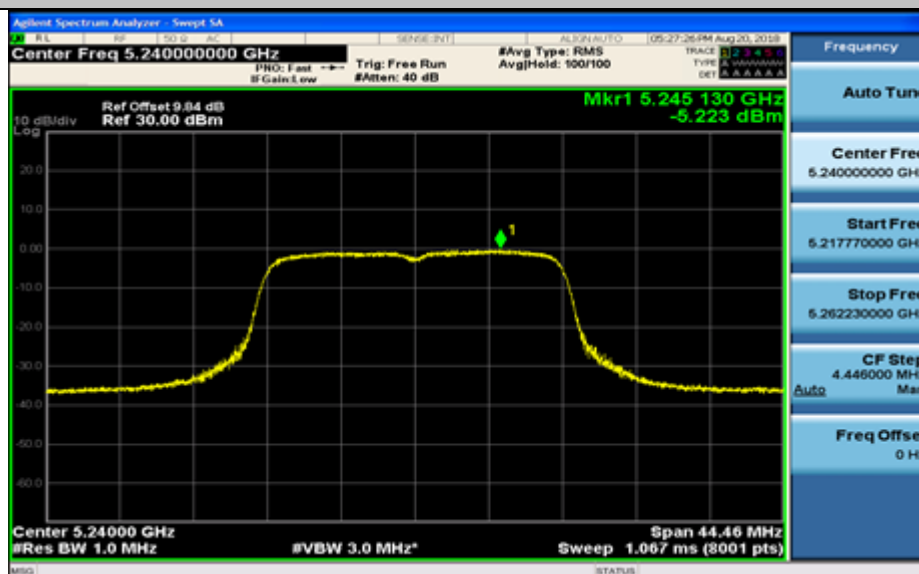
Maximum Power Spectral Density_TNVN_11N20_5180_Ant1



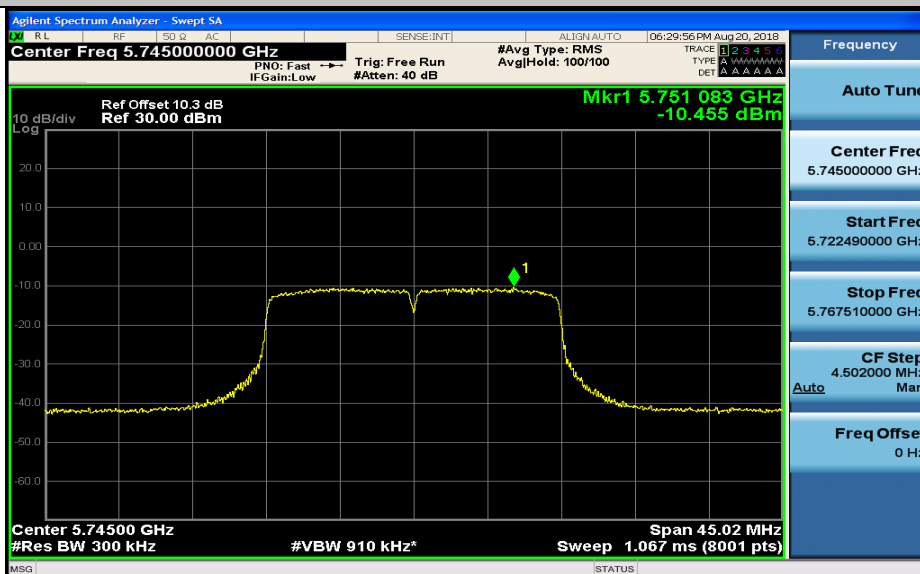
Maximum Power Spectral Density_TNVN_11N20_5220_Ant1



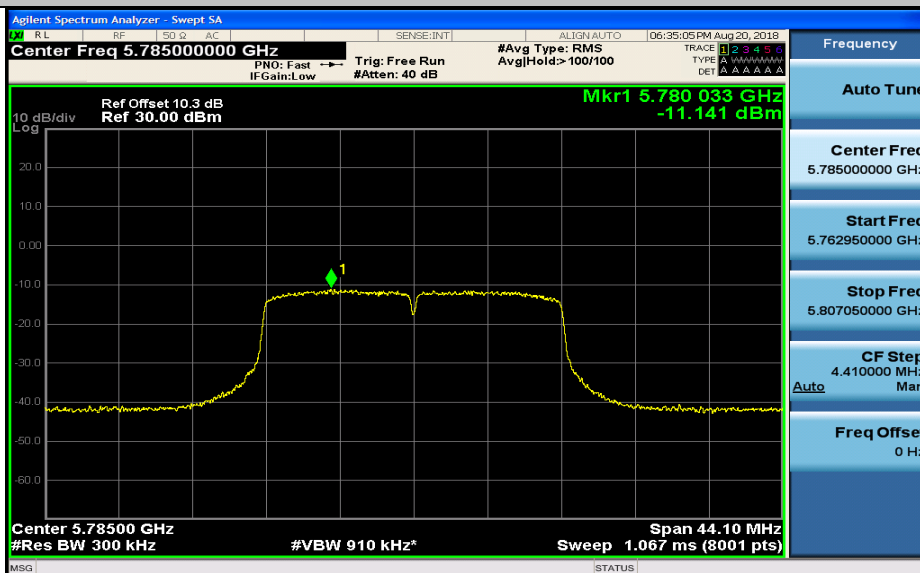
Maximum Power Spectral Density_TNVN_11N20_5240_Ant1



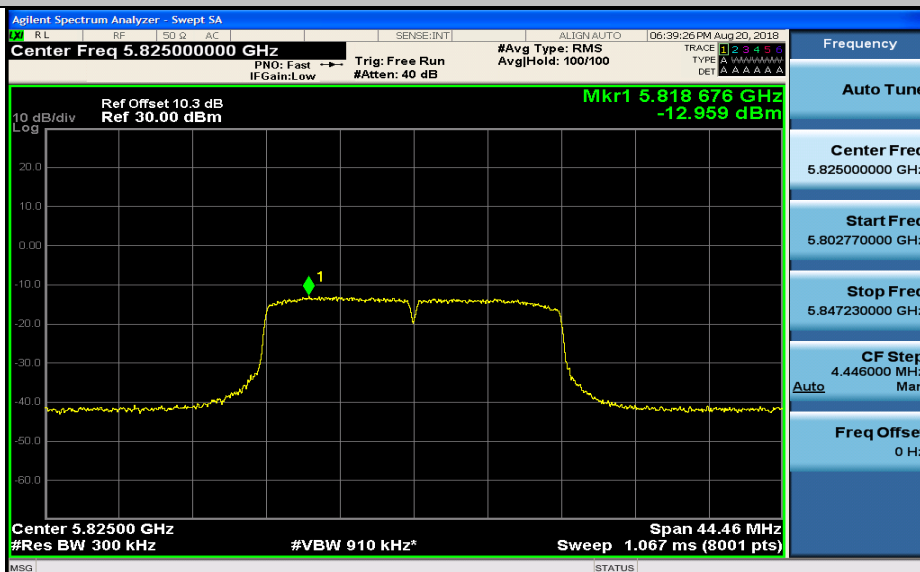
Maximum Power Spectral Density_TNVN_11N20_5745_Ant1



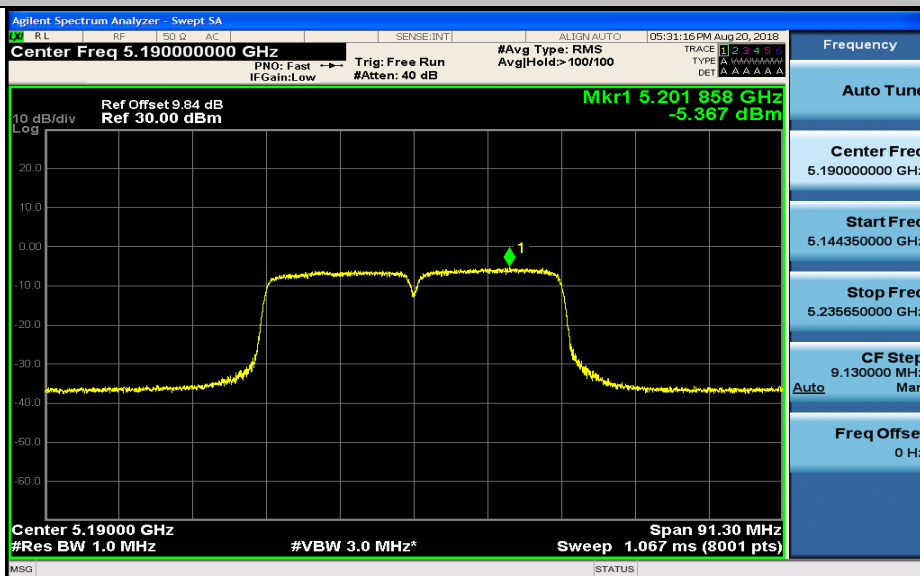
Maximum Power Spectral Density_TNVN_11N20_5785_Ant1



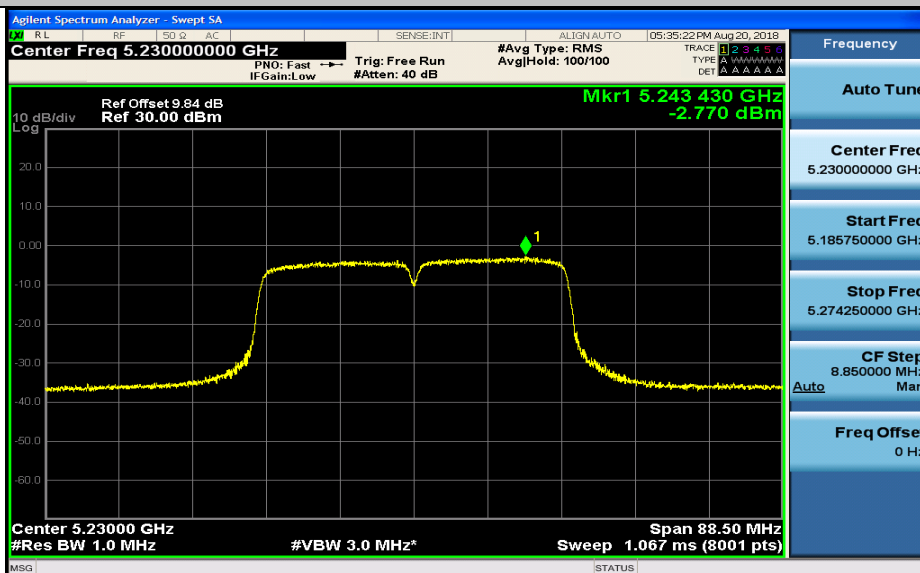
Maximum Power Spectral Density_TNVN_11N20_5825_Ant1



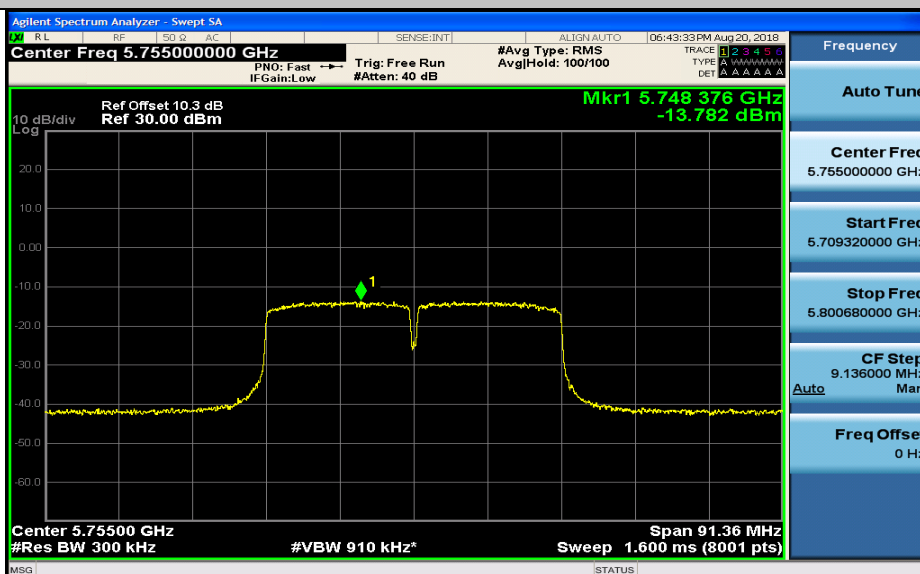
Maximum Power Spectral Density_TNVN_11N40_5190_Ant1



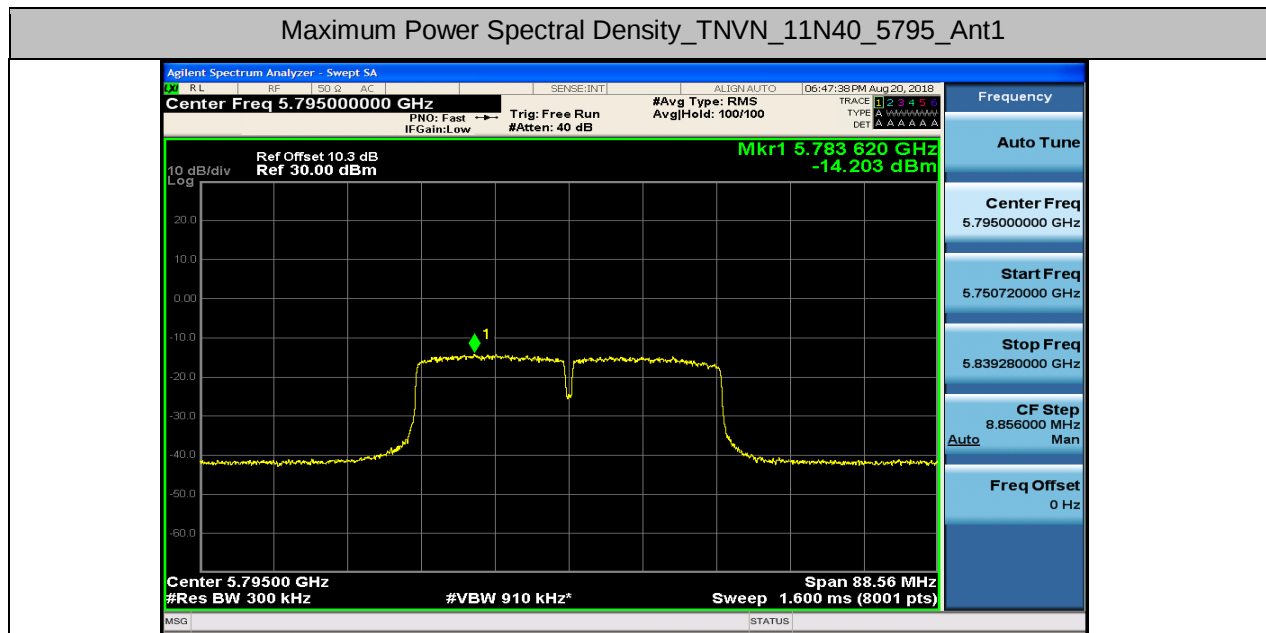
Maximum Power Spectral Density_TNVN_11N40_5230_Ant1



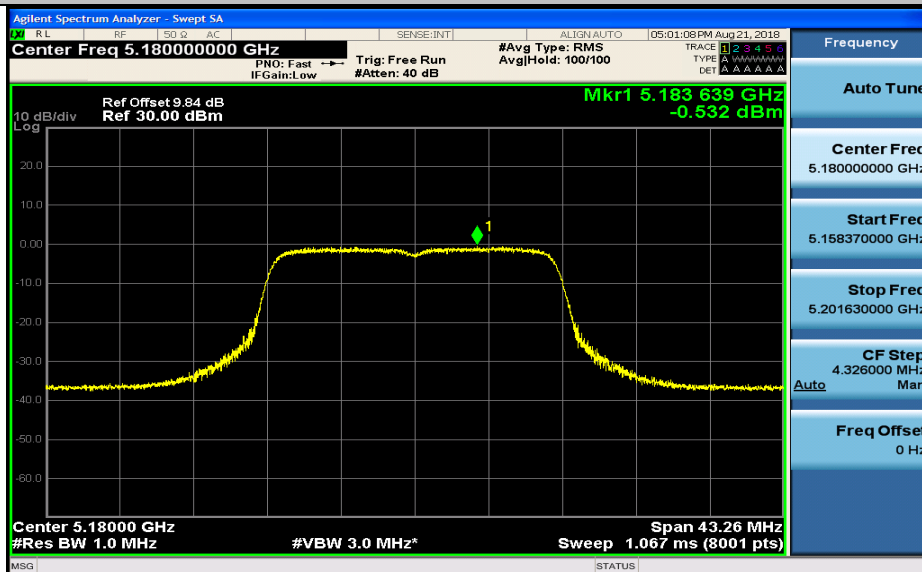
Maximum Power Spectral Density_TNVN_11N40_5755_Ant1



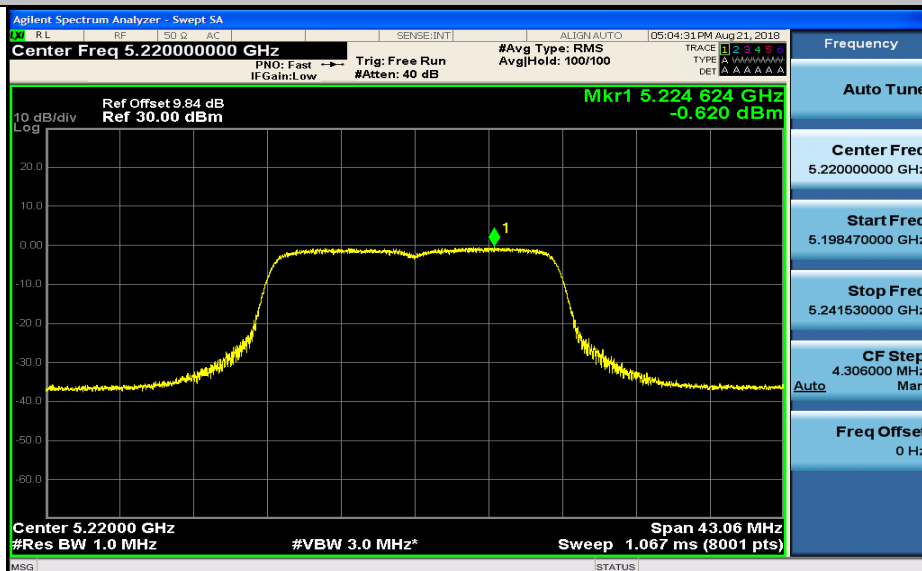
Maximum Power Spectral Density_TNVN_11N40_5795_Ant1



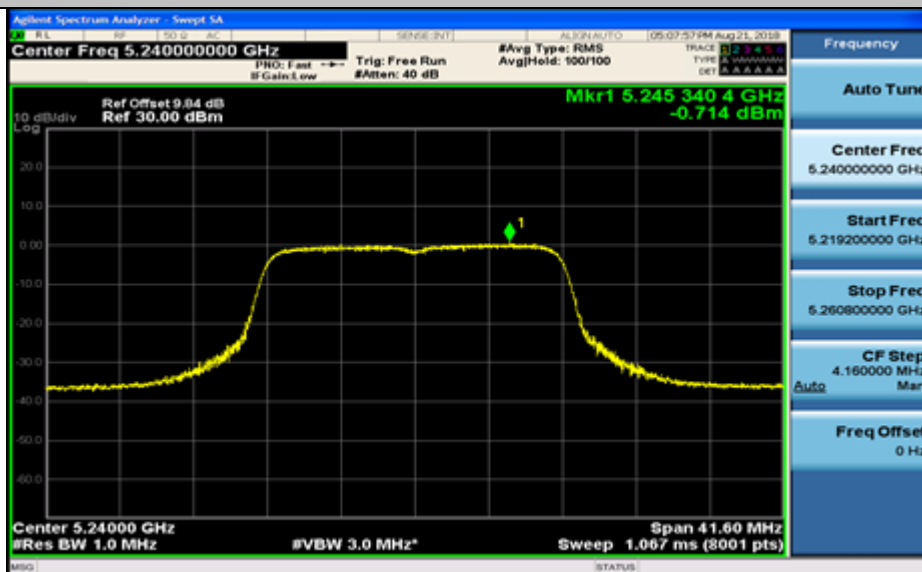
Maximum Power Spectral Density_TNVN_11A_5180_Ant2



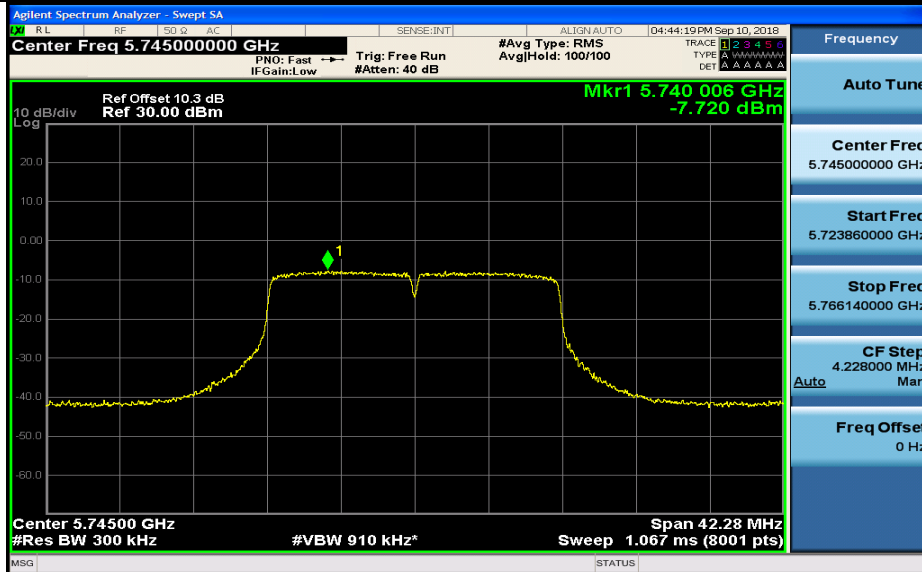
Maximum Power Spectral Density_TNVN_11A_5220_Ant2



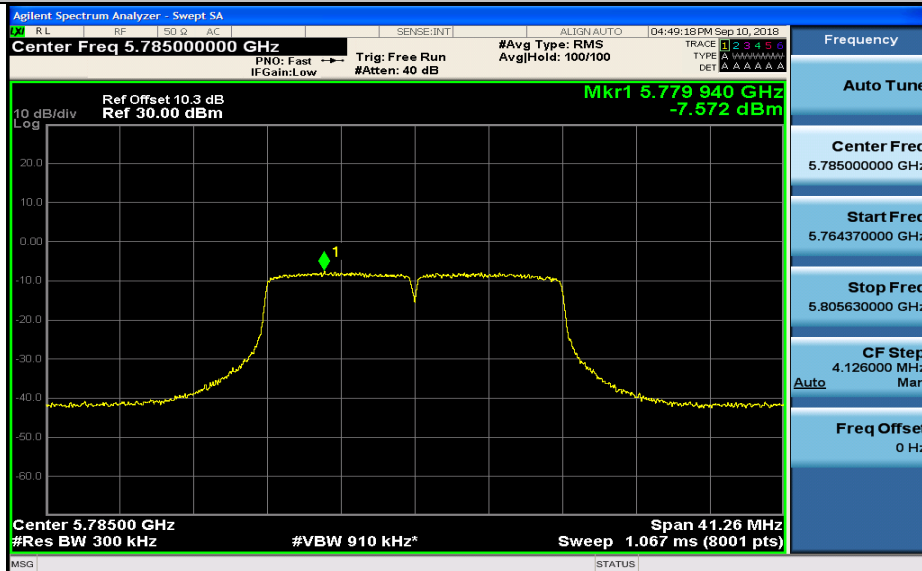
Maximum Power Spectral Density_TNVN_11A_5240_Ant2



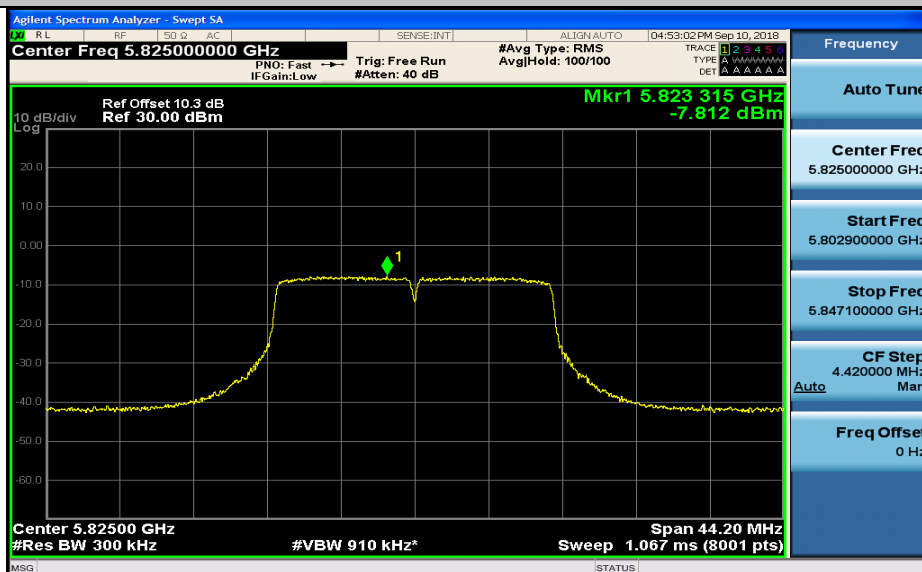
Maximum Power Spectral Density_TNVN_11A_5745_Ant2



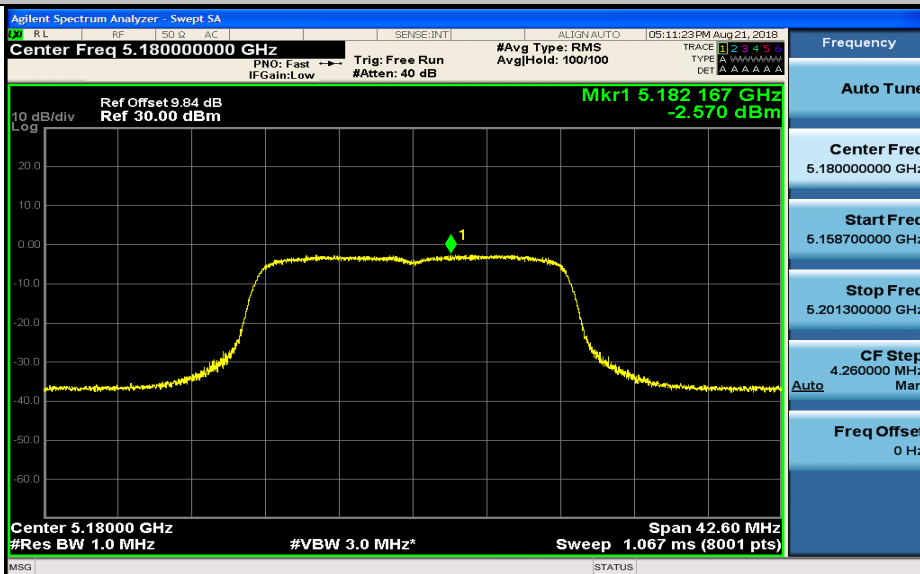
Maximum Power Spectral Density_TNVN_11A_5785_Ant2



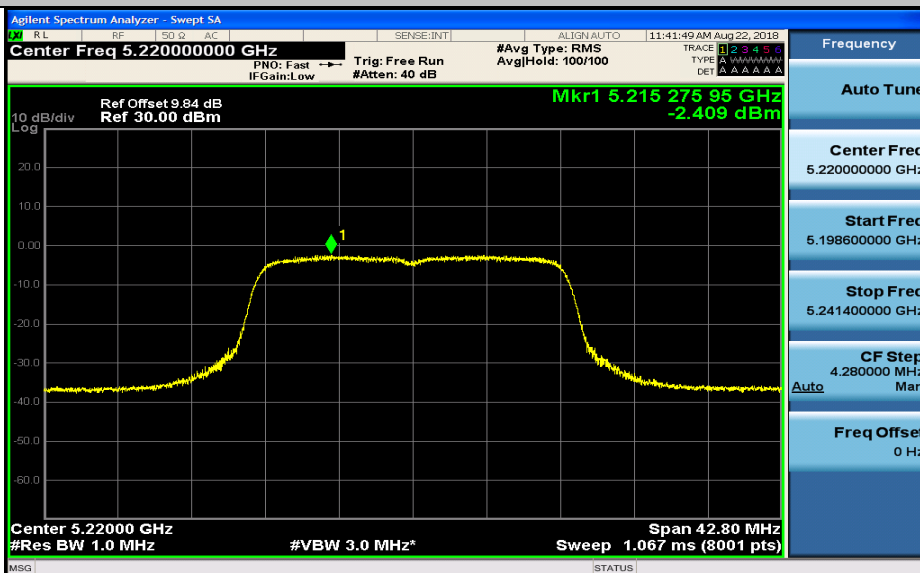
Maximum Power Spectral Density_TNVN_11A_5825_Ant2



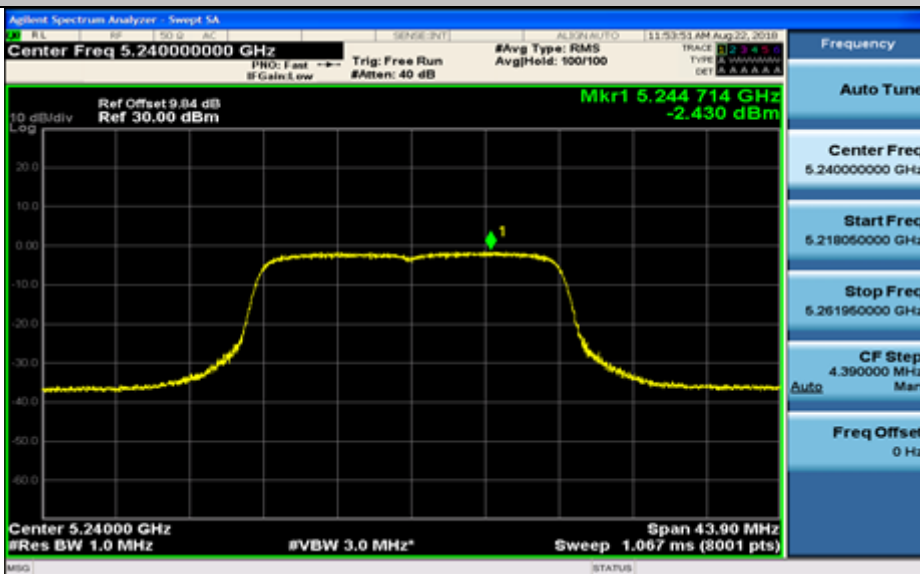
Maximum Power Spectral Density_TNVN_11N20_5180_Ant2



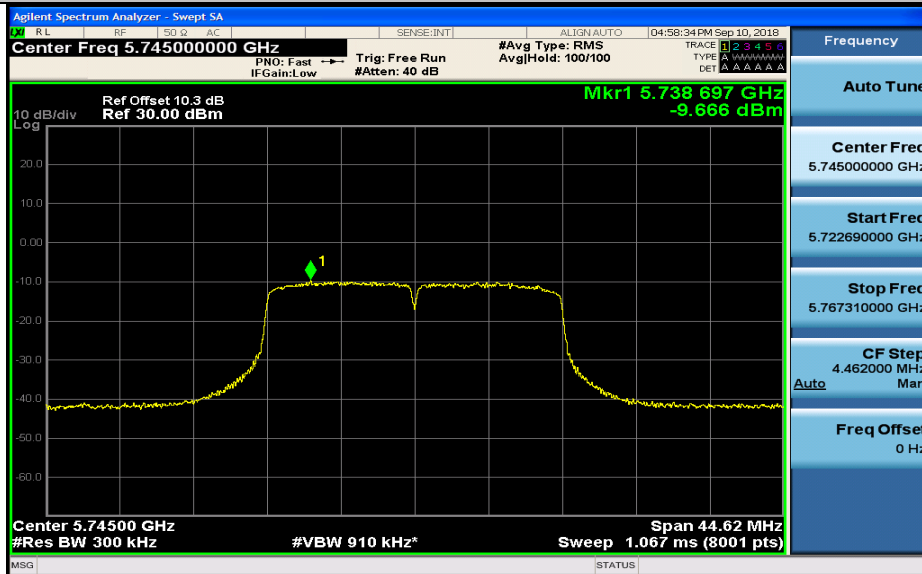
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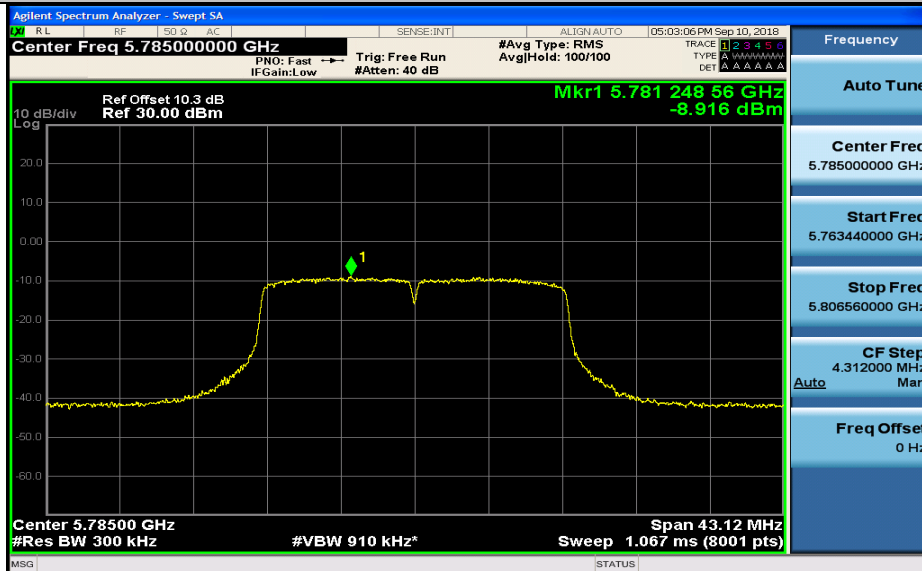
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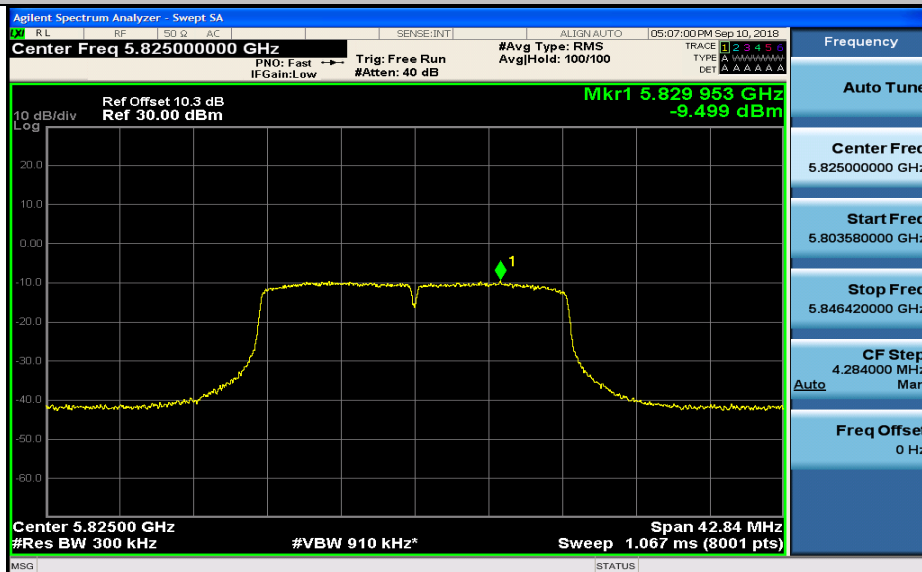
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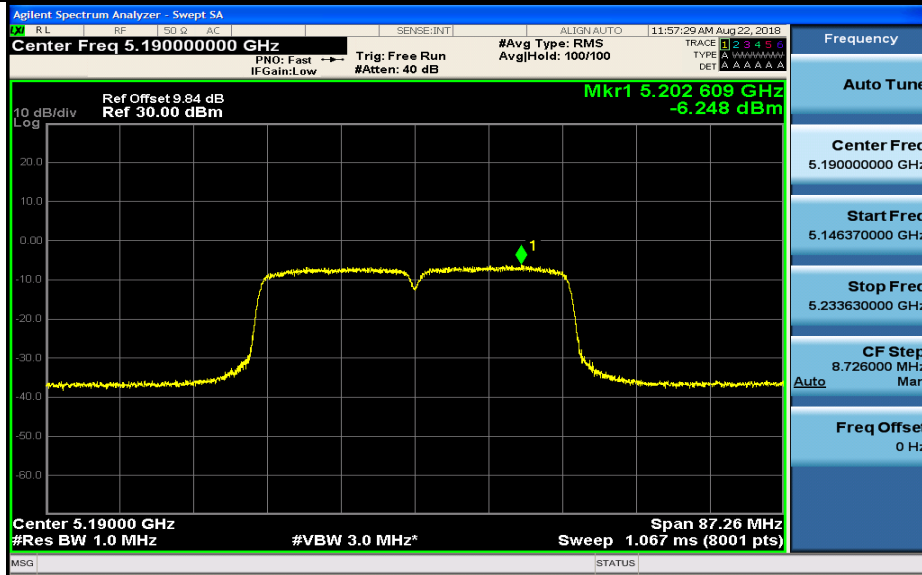
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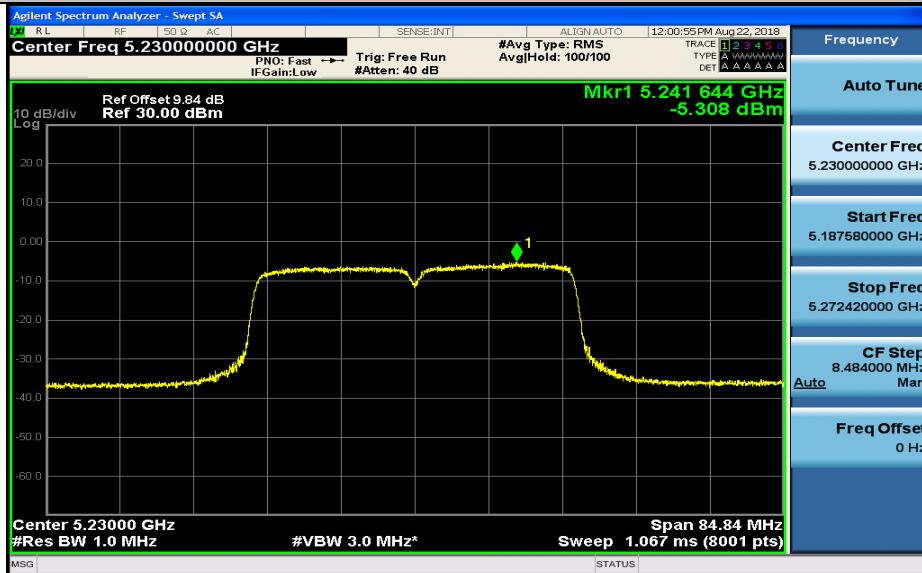
Maximum Power Spectral Density_TNVN_11N20_5825_Ant2



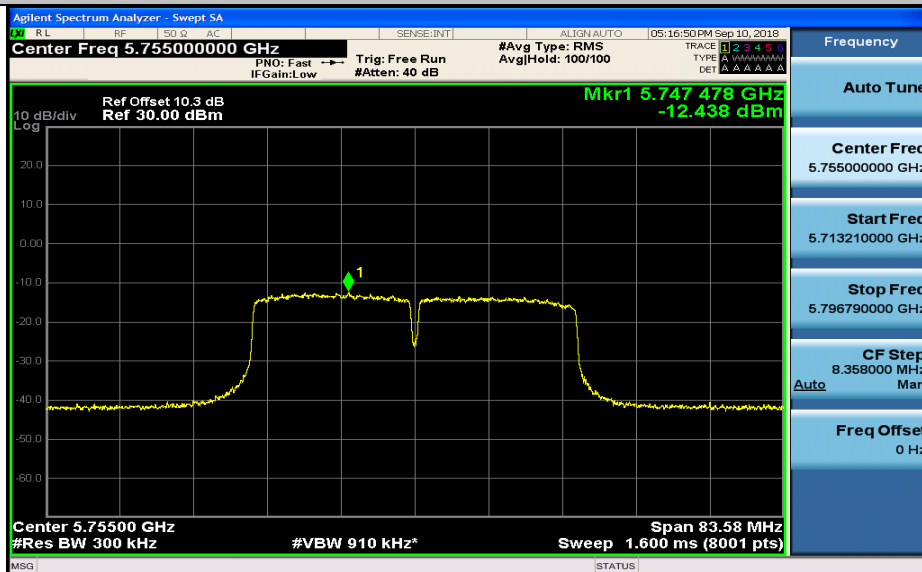
Maximum Power Spectral Density_TNVN_11N40_5190_Ant2



Maximum Power Spectral Density_TNVN_11N40_5230_Ant2

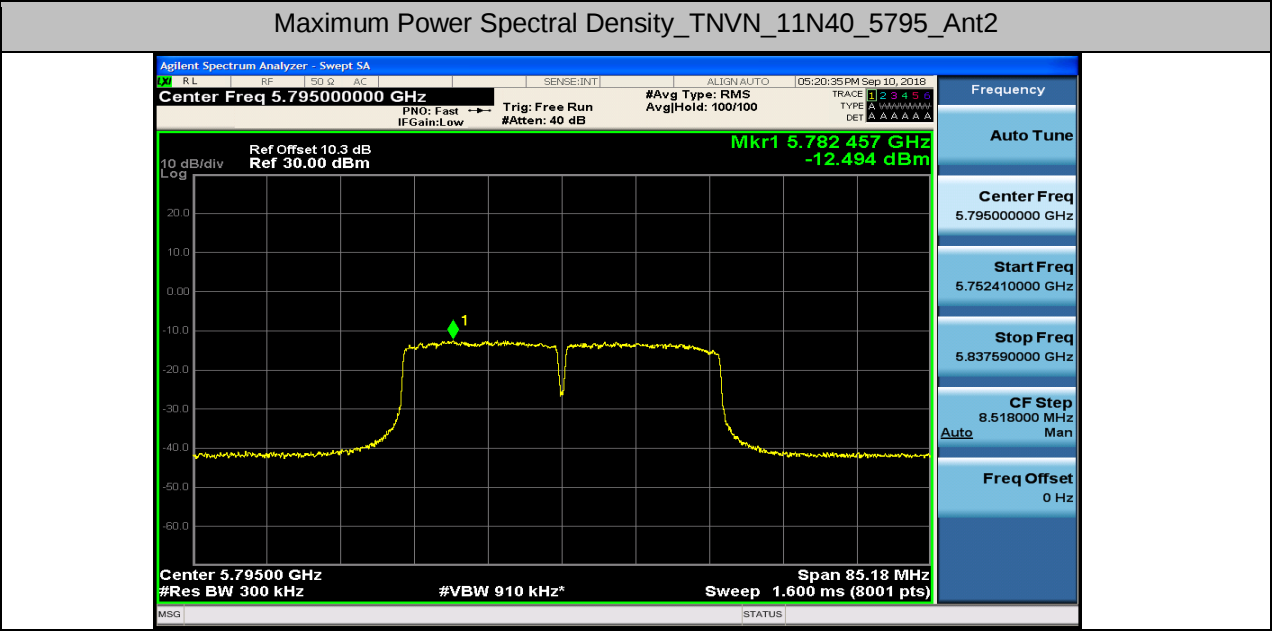


Maximum Power Spectral Density_TNVN_11N40_5755_Ant2





Maximum Power Spectral Density_TNVN_11N40_5795_Ant2



5.Band Edge Measurements

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V AC)	Temp (°C)		ANT0	ANT1	ANT0	ANT1		
Band U-NII 1	Normal(120)	Extreme(-20)	5180	5180.0320	5180.0459	0.0320	0.0459	5.15-5.25	Pass
		Extreme(-10)		5180.0371	5180.0274	0.0371	0.0274		Pass
		Extreme(0)		5180.0423	5180.0182	0.0423	0.0182		Pass
		Extreme(+10)		5180.0366	5180.0371	0.0366	0.0371		Pass
		Extreme(+20)		5180.0324	5180.0191	0.0324	0.0191		Pass
		Extreme(+30)		5180.0424	5180.0431	0.0424	0.0431		Pass
		Extreme(+40)		5180.0234	5180.0272	0.0234	0.0272		Pass
		Extreme(+50)		5180.0203	5180.0498	0.0203	0.0498		Pass
	Extreme(138)	Norma(+20)		5180.0419	5180.0176	0.0419	0.0176		Pass
	Extreme(102)			5180.0215	5180.0315	0.0215	0.0315		Pass
	Normal(120)	Extreme(-20)	5240	5240.0134	5240.0399	0.0134	0.0399		Pass
		Extreme(-10)		5240.0430	5240.0284	0.0430	0.0284		Pass
		Extreme(0)		5240.0398	5240.0425	0.0398	0.0425		Pass
		Extreme(+10)		5240.0135	5240.0483	0.0135	0.0483		Pass
		Extreme(+20)		5240.0468	5240.0430	0.0468	0.0430		Pass
		Extreme(+30)		5240.0152	5240.0254	0.0152	0.0254		Pass
		Extreme(+40)		5240.0111	5240.0180	0.0111	0.0180		Pass
		Extreme(+50)		5240.0240	5240.0135	0.0240	0.0135		Pass
	Extreme(138)	Norma(20)		5240.0389	5240.0371	0.0389	0.0371		Pass
	Extreme(102)			5240.0291	5240.0378	0.0291	0.0378		Pass

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V DC)	Temp (°C)		ANT0	ANT1	ANT0	ANT1		
Band U-NII 3	Normal(120)	Extreme(-20)	5745	5745.0414	5745.0499	0.0414	0.0499	5.725-5.85	Pass
		Extreme(-10)		5745.0168	5745.0246	0.0168	0.0246		Pass
		Extreme(0)		5745.0313	5745.0444	0.0313	0.0444		Pass
		Extreme(+10)		5745.0128	5745.0241	0.0128	0.0241		Pass
		Extreme(+20)		5745.0237	5745.0109	0.0237	0.0109		Pass
		Extreme(+30)		5745.0108	5745.0186	0.0108	0.0186		Pass
		Extreme(+40)		5745.0176	5745.0392	0.0176	0.0392		Pass
		Extreme(+50)		5745.0129	5745.0227	0.0129	0.0227		Pass
	Extreme(138)	Norma(+20)		5745.0128	5745.0148	0.0128	0.0148		Pass
	Extreme(102)			5745.0445	5745.0487	0.0445	0.0487		Pass
	Normal(120)	Extreme(-20)	5825	5825.0201	5825.0364	0.0201	0.0364		Pass
		Extreme(-10)		5825.0251	5825.0494	0.0251	0.0494		Pass
		Extreme(0)		5825.0301	5825.0369	0.0301	0.0369		Pass
		Extreme(+10)		5825.0170	5825.0476	0.0170	0.0476		Pass
		Extreme(+20)		5825.0147	5825.0392	0.0147	0.0392		Pass
		Extreme(+30)		5825.0252	5825.0392	0.0252	0.0392		Pass
		Extreme(+40)		5825.0322	5825.0487	0.0322	0.0487		Pass
		Extreme(+50)		5825.0122	5825.0129	0.0122	0.0129		Pass



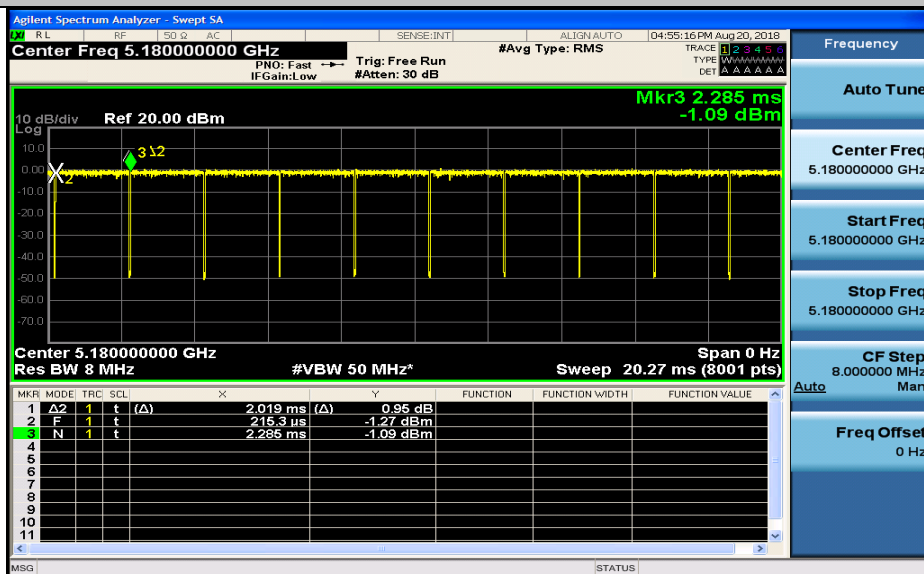
	Extreme(138)	Norma(20)		5825.0451	5825.0469	0.0451	0.0469		Pass
	Extreme(102)			5825.0193	5825.0486	0.0193	0.0486		Pass

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.

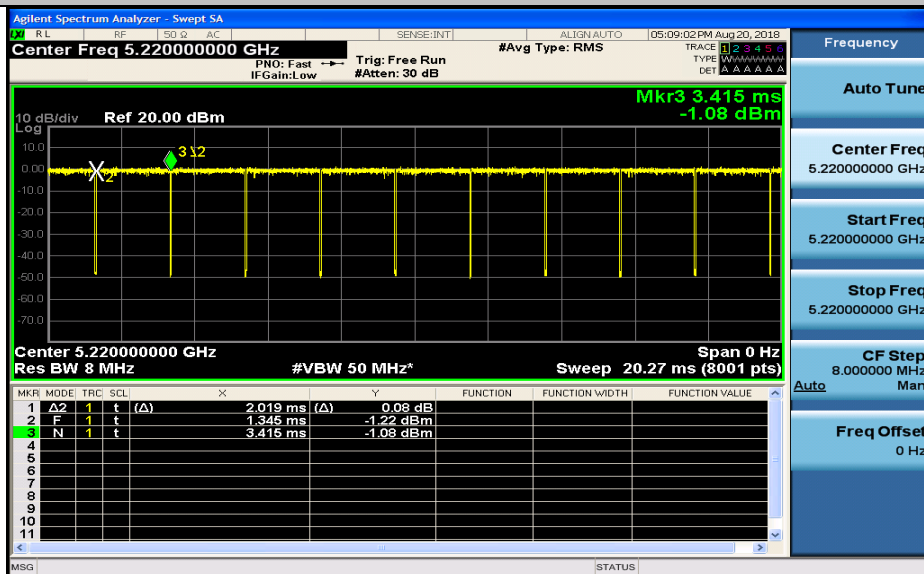
6.Duty Cycle

Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		Ant1	Ant2	Ant1	Ant2
11A	5180	97.55	97.67	0.11	0.10
11A	5220	97.55	97.55	0.11	0.11
11A	5240	97.55	97.55	0.11	0.11
11A	5745	97.67	97.55	0.10	0.11
11A	5785	97.55	97.67	0.11	0.10
11A	5825	97.67	97.67	0.10	0.10
11N20	5180	95.00	95.24	0.22	0.21
11N20	5220	95.25	95.24	0.21	0.21
11N20	5240	95.00	100.00	0.22	0.00
11N20	5745	95.24	95.24	0.21	0.21
11N20	5785	95.25	95.24	0.21	0.21
11N20	5825	95.24	95.24	0.21	0.21
11N40	5190	93.17	93.17	0.31	0.31
11N40	5230	92.72	92.68	0.33	0.33
11N40	5755	93.17	92.72	0.31	0.33
11N40	5795	92.72	92.68	0.33	0.33

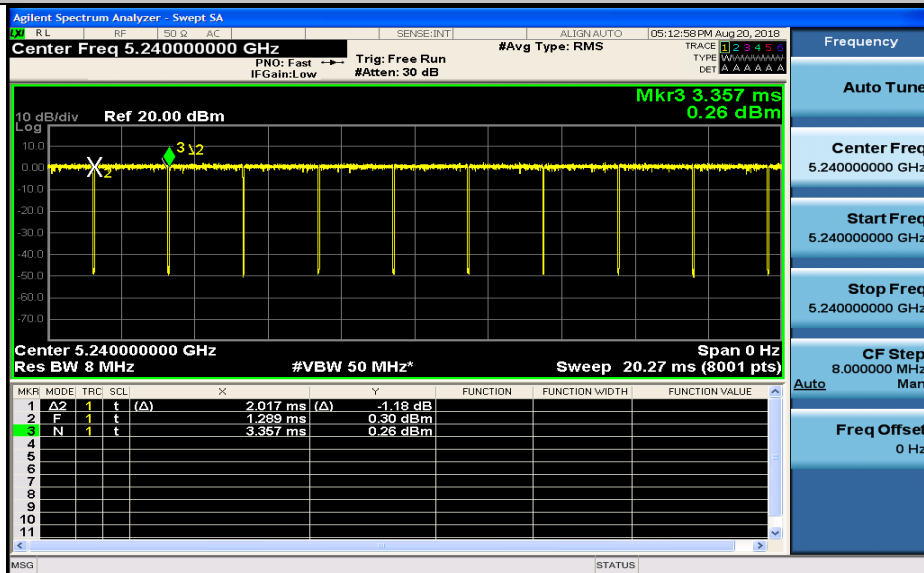
Duty Cycle_11A_5180_Ant1



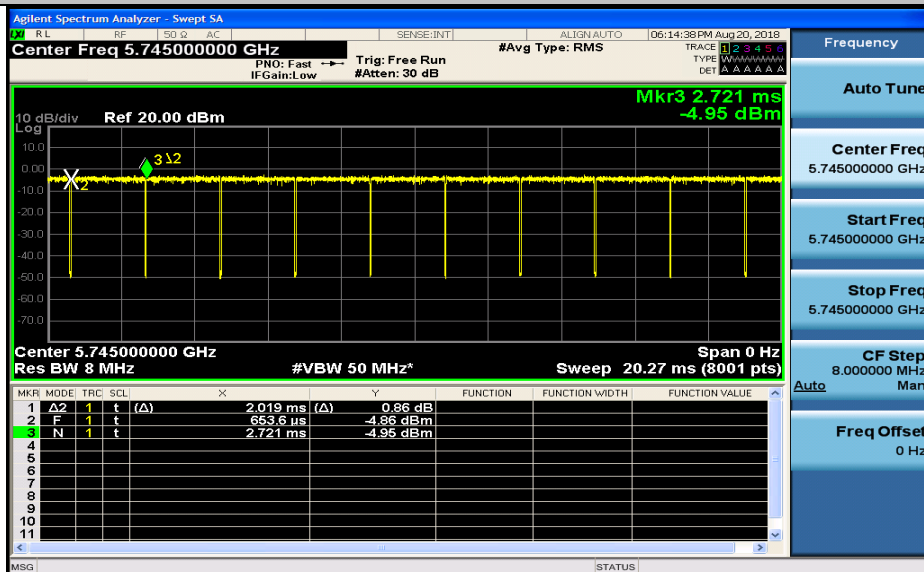
Duty Cycle_11A_5220_Ant1



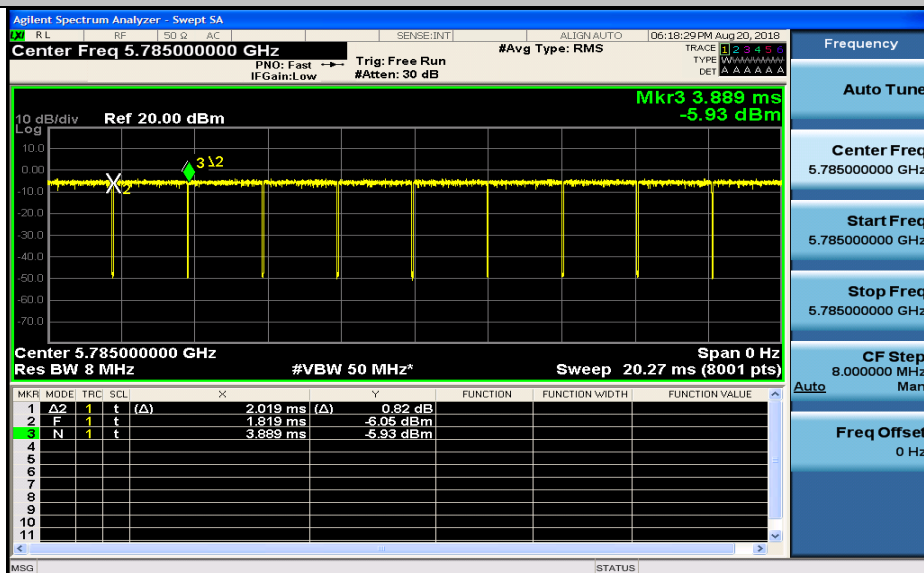
Duty Cycle_11A_5240_Ant1



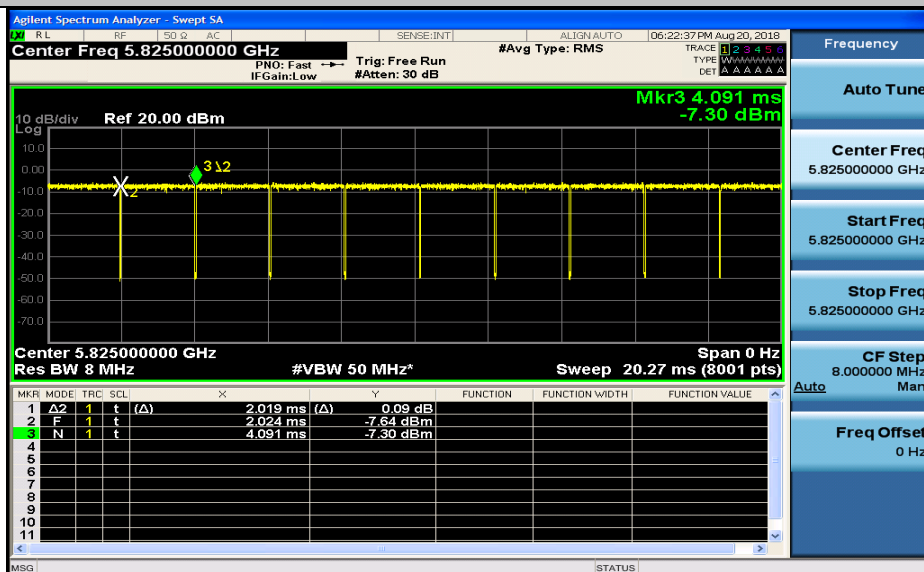
Duty Cycle_11A_5745_Ant1



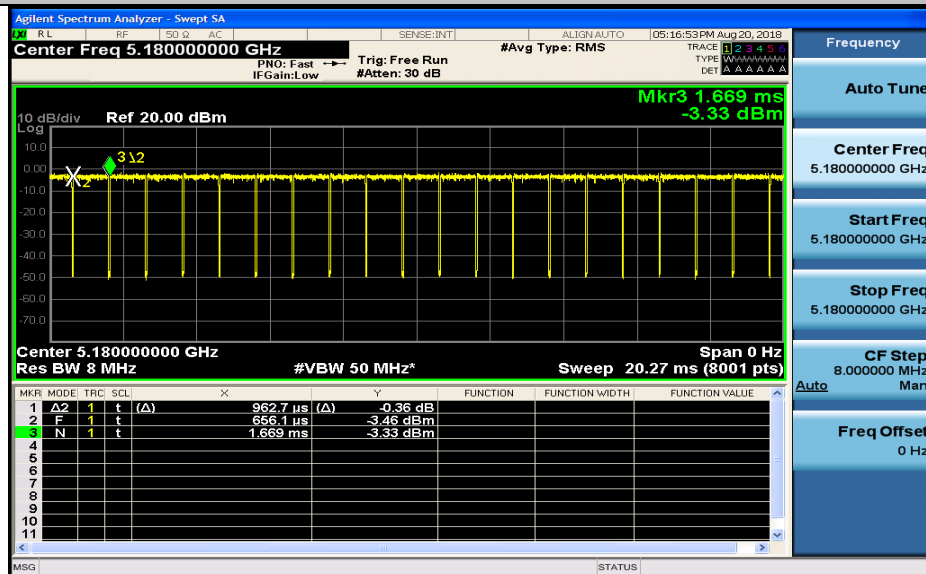
Duty Cycle 11A 5785 Ant1



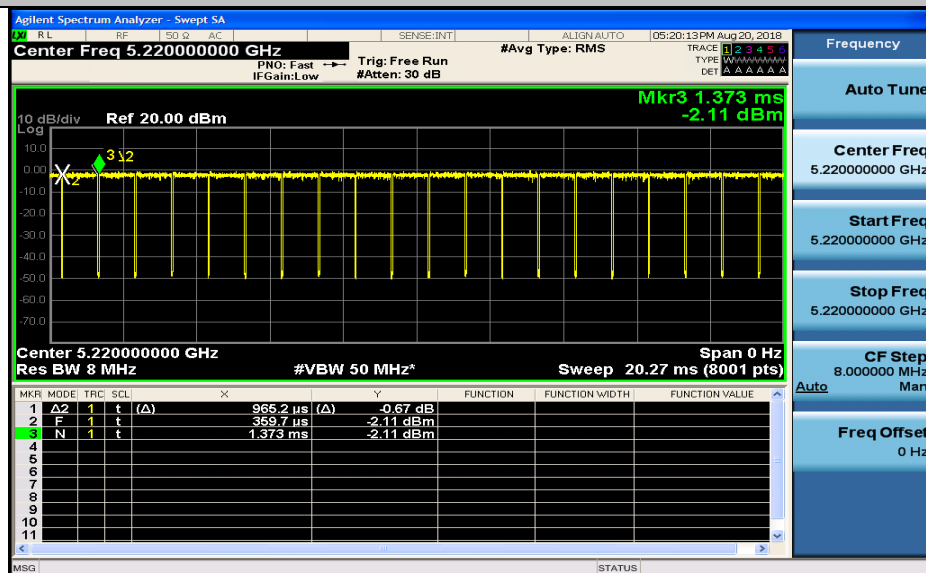
Duty Cycle_11A_5825_Ant1



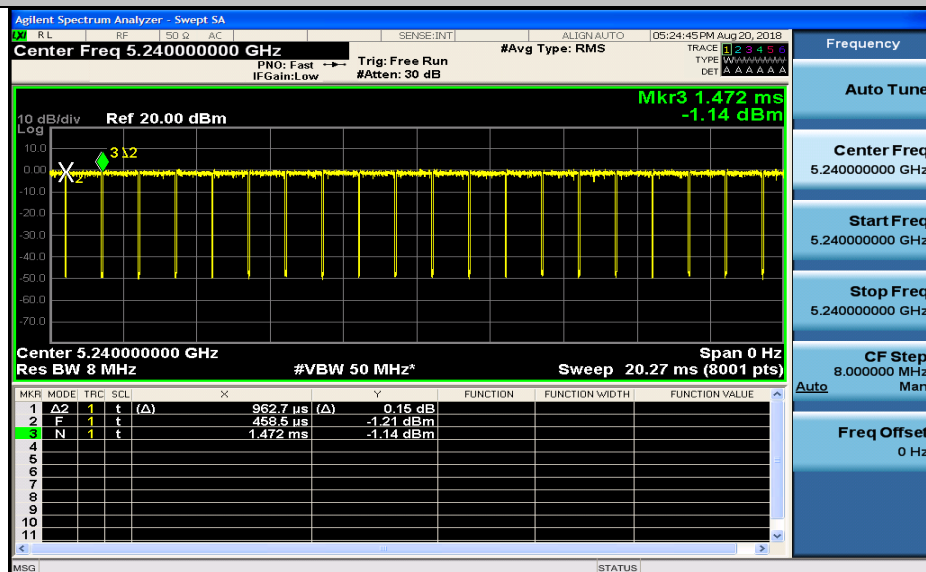
Duty Cycle_11N20_5180_Ant1



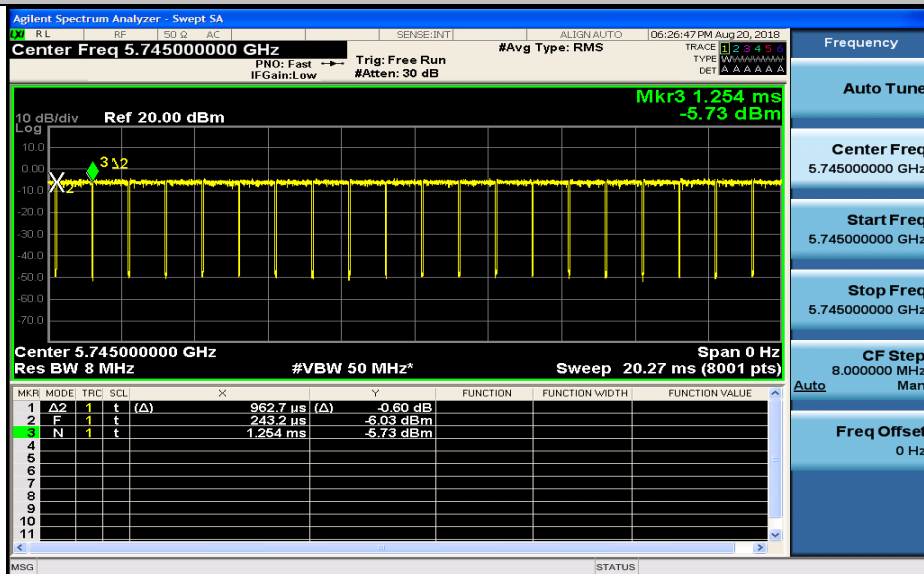
Duty Cycle_11N20_5220_Ant1



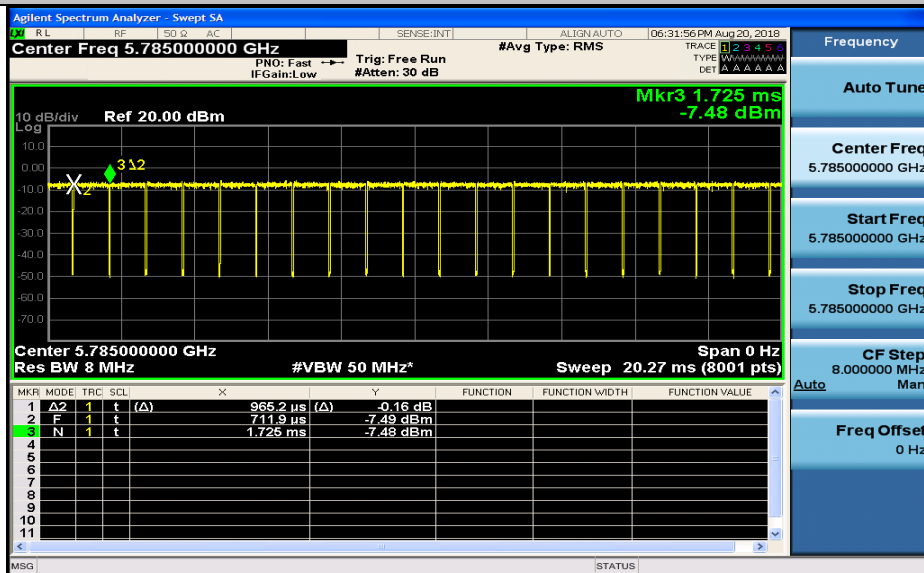
Duty Cycle_11N20_5240_Ant1



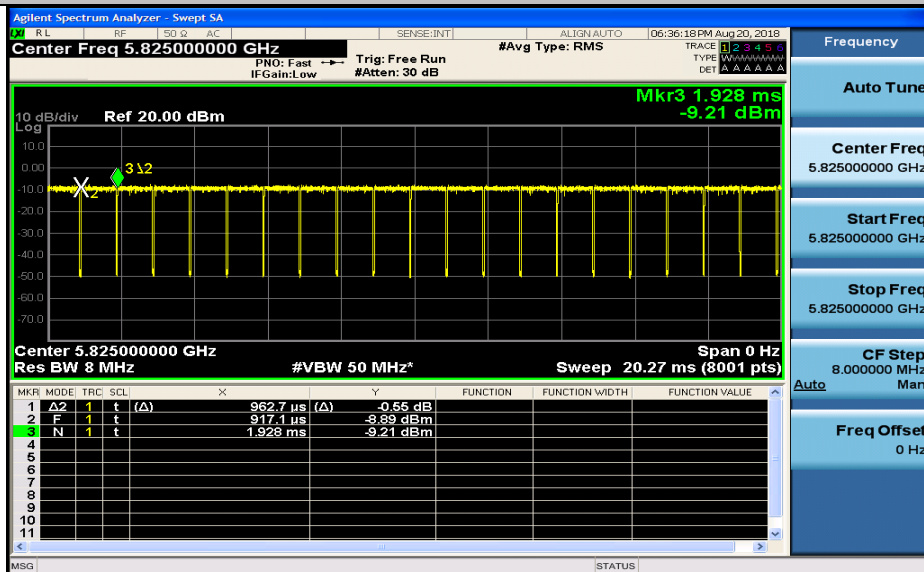
Duty Cycle_11N20_5745_Ant1



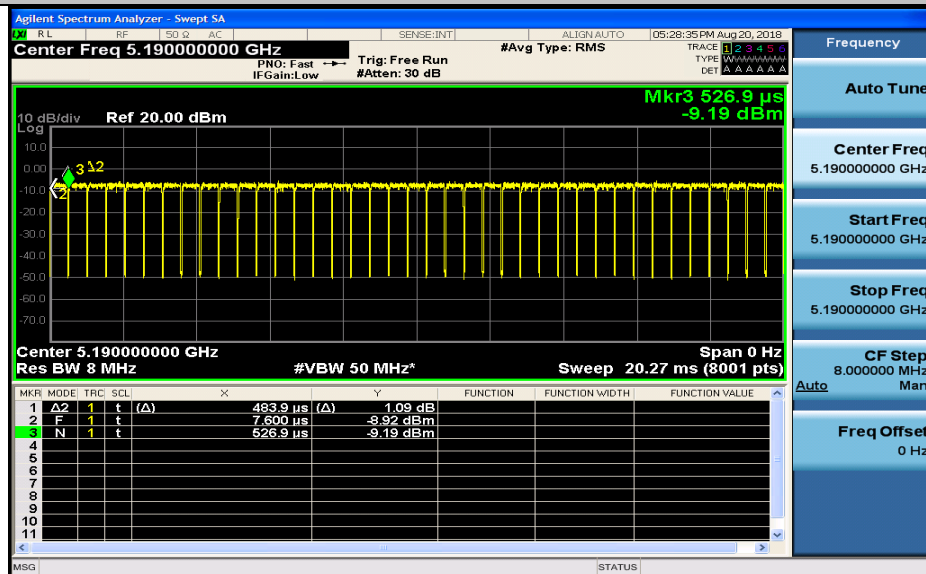
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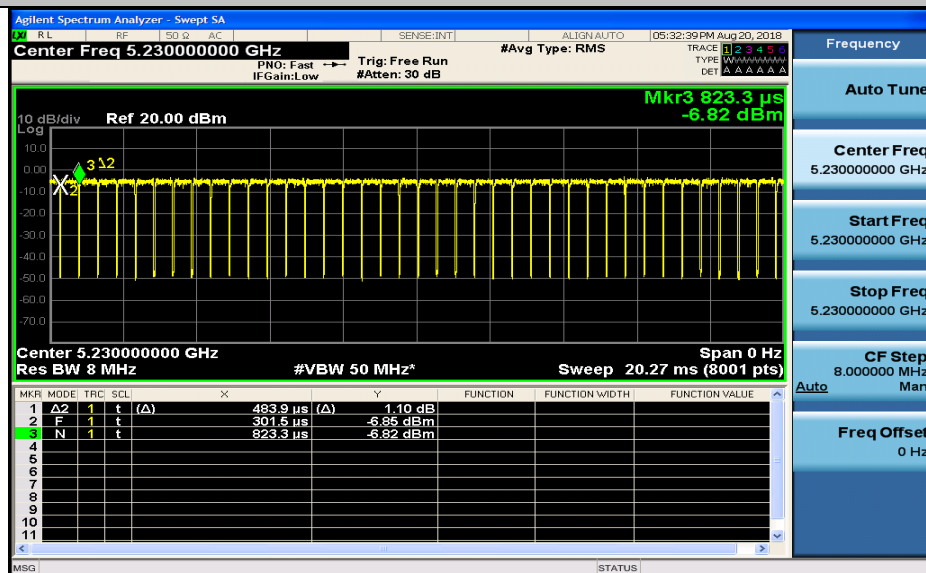
Duty Cycle_11N20_5825_Ant1



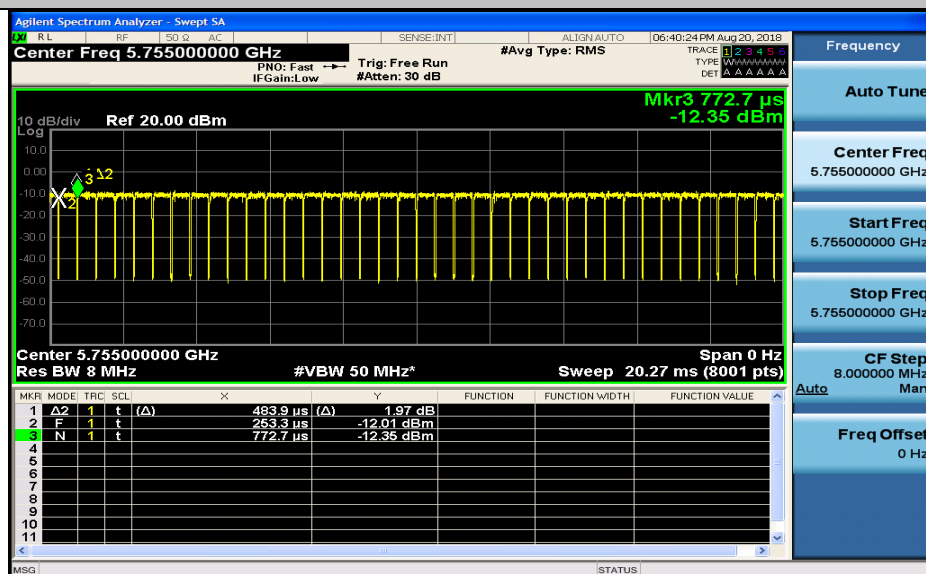
Duty Cycle_11N40_5190_Ant1



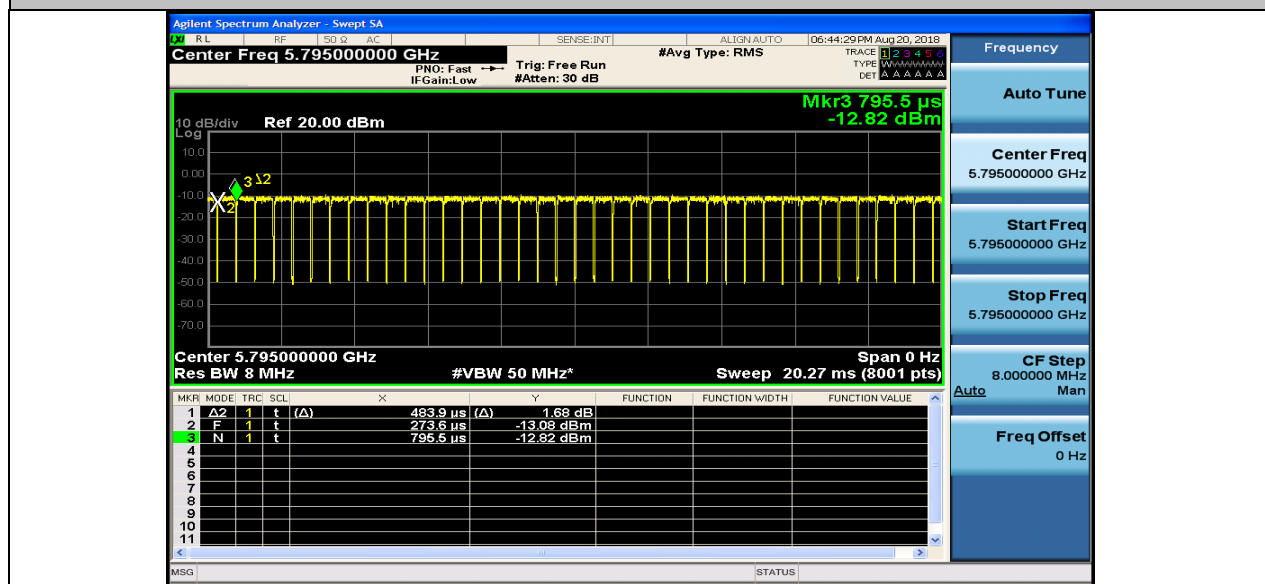
Duty Cycle_11N40_5230_Ant1



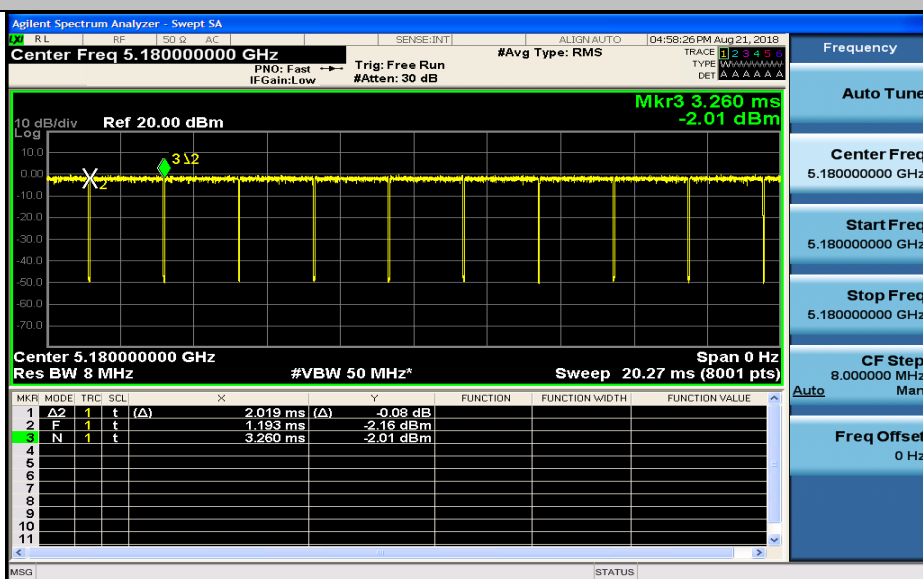
Duty Cycle_11N40_5755_Ant1



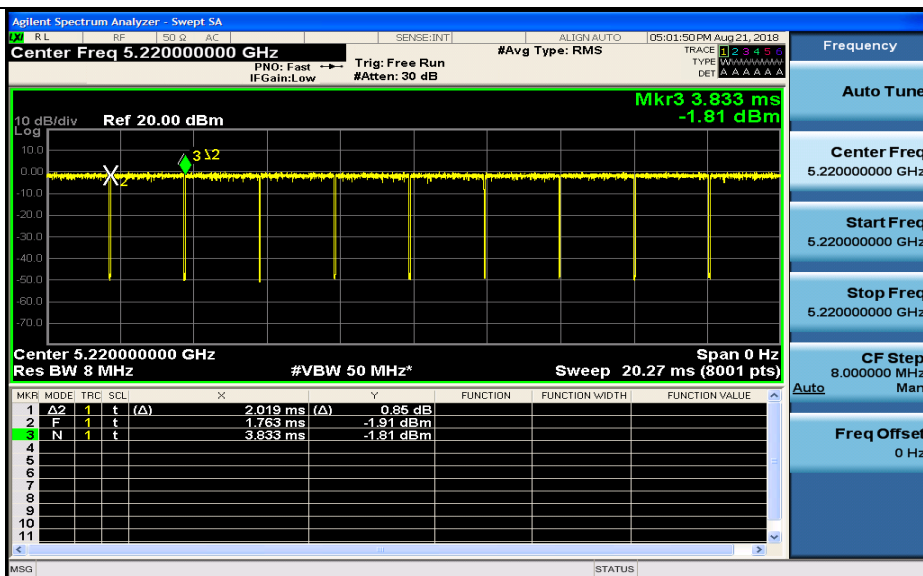
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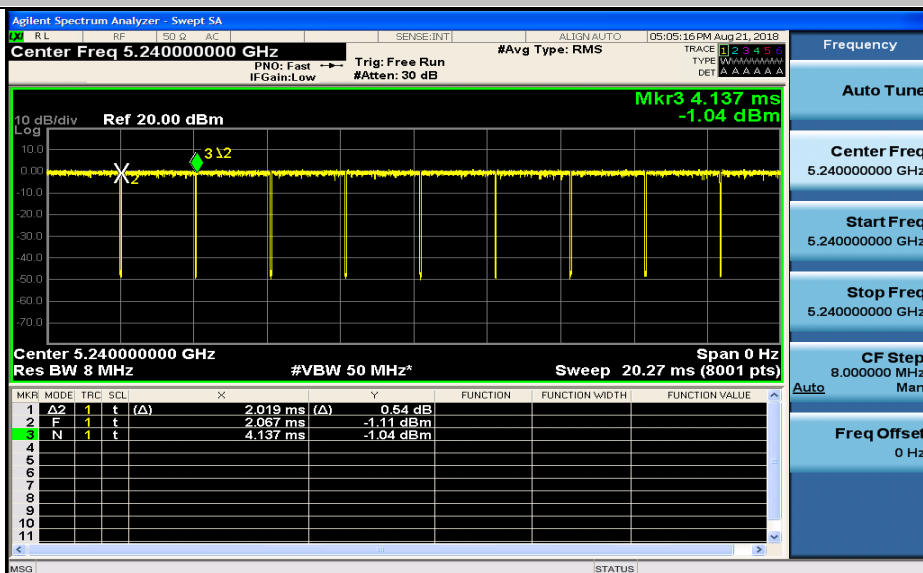
Duty Cycle_11A_5180_Ant2



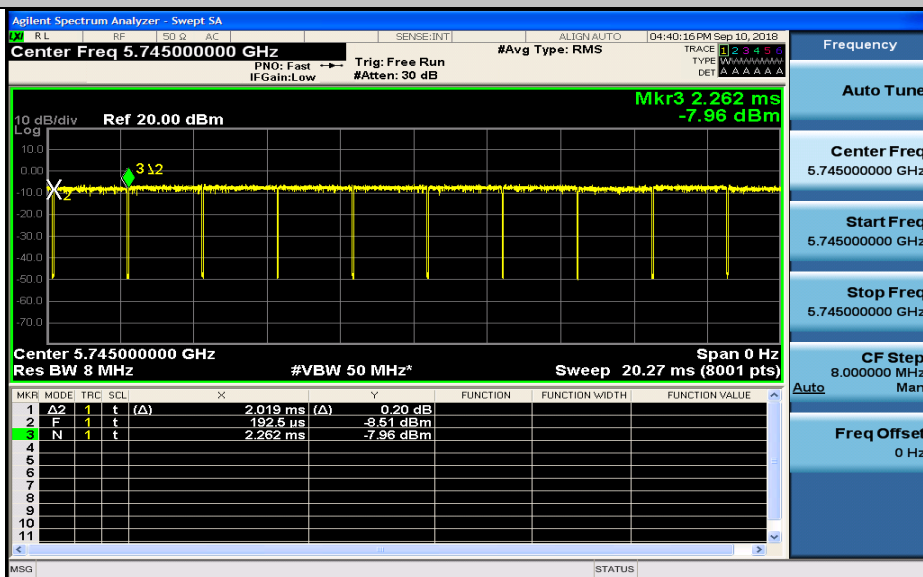
Duty Cycle_11A_5220_Ant2



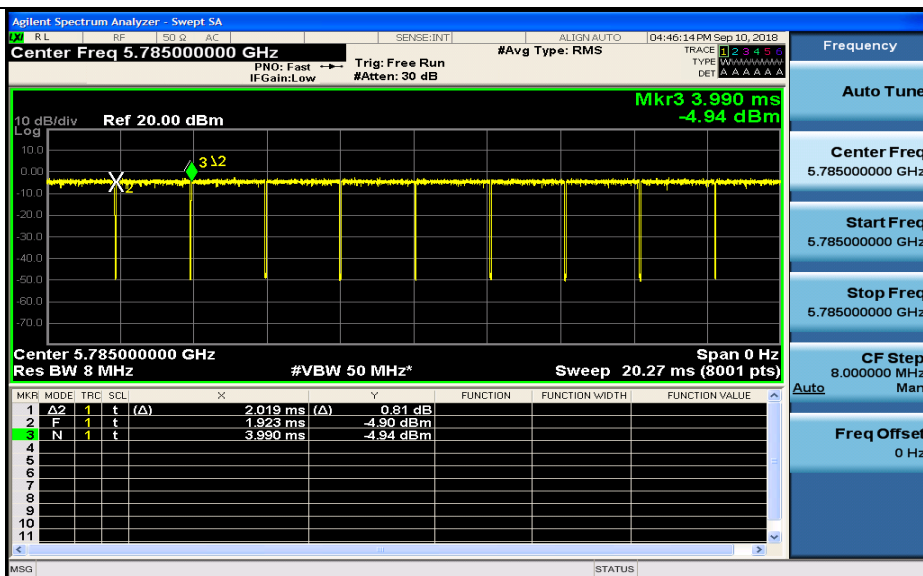
Duty Cycle_11A_5240_Ant2



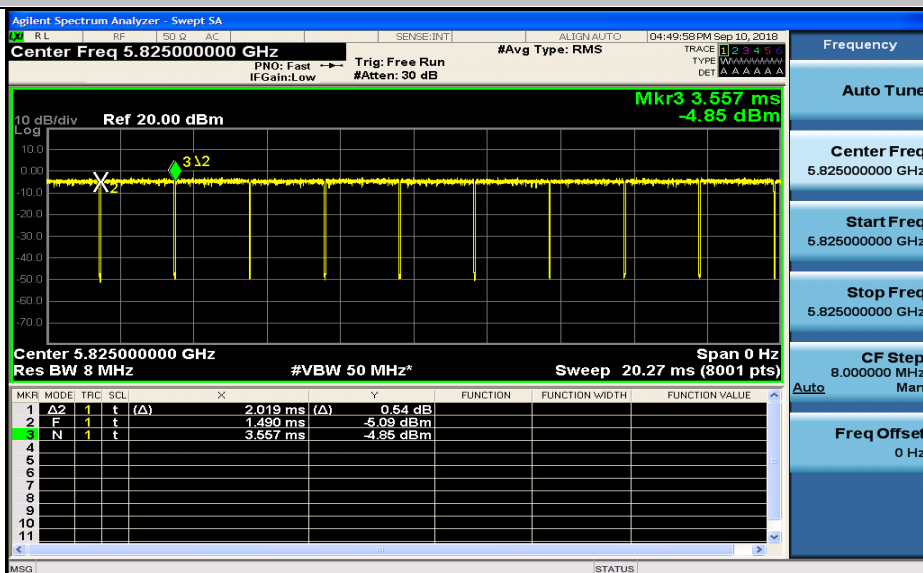
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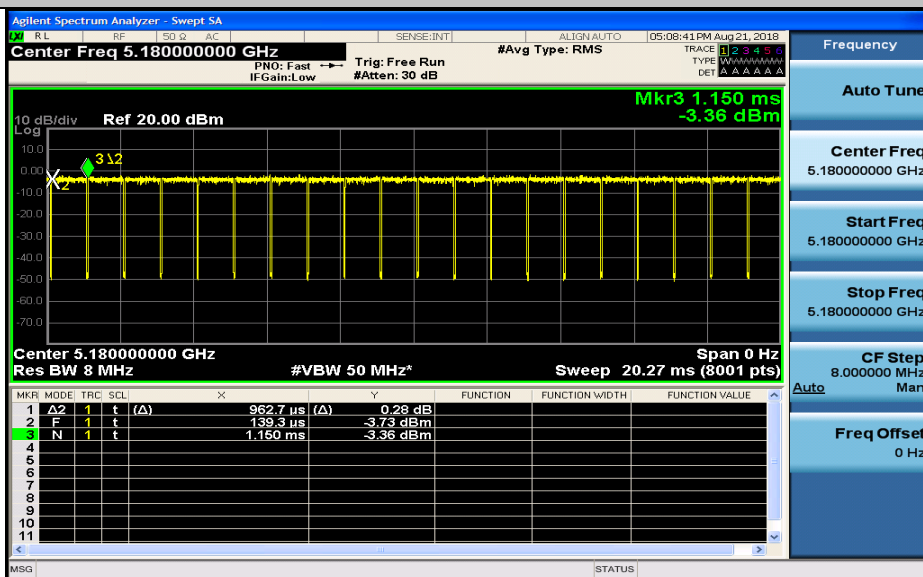
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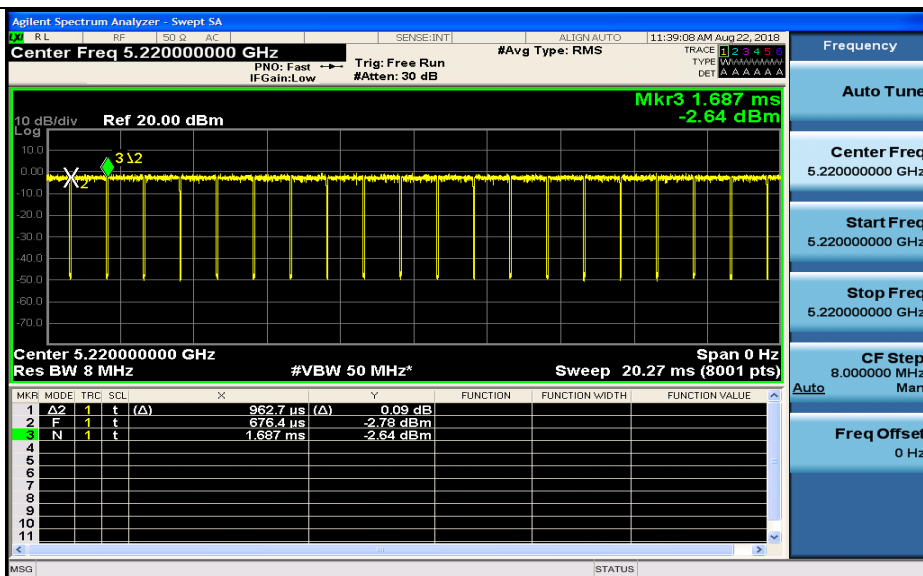
Duty Cycle_11A_5825_Ant2



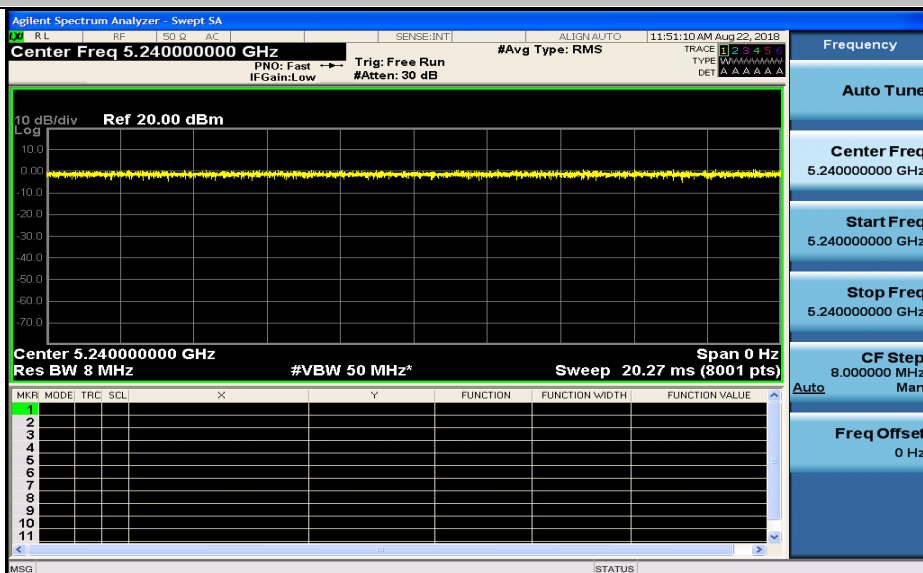
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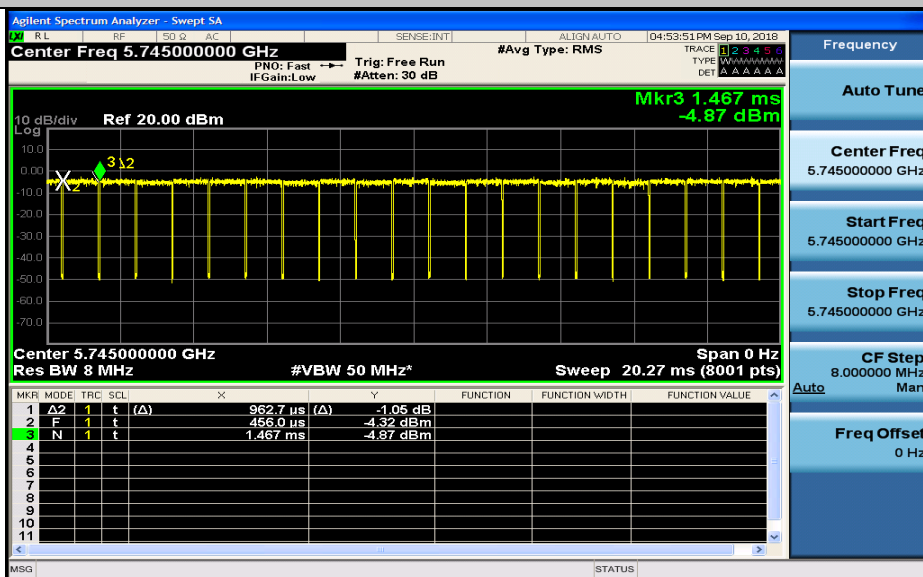
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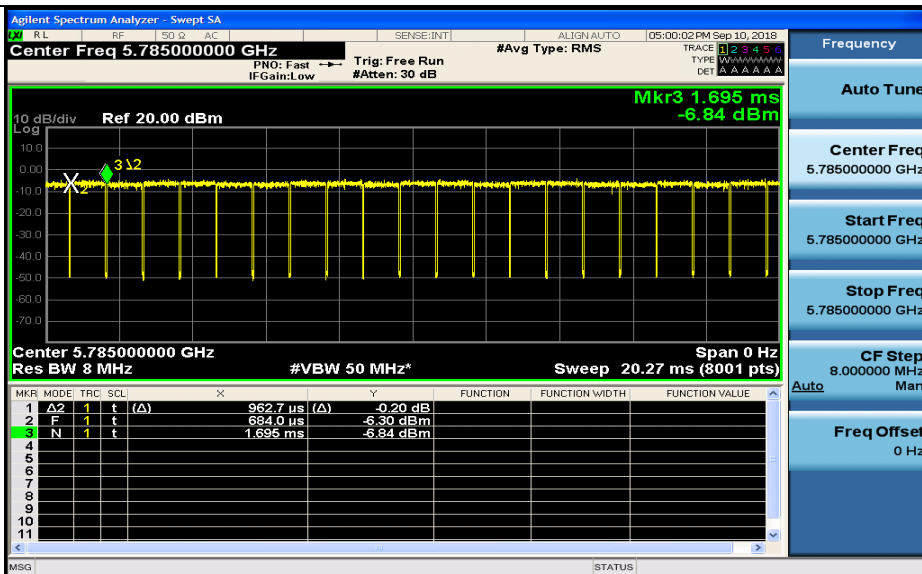
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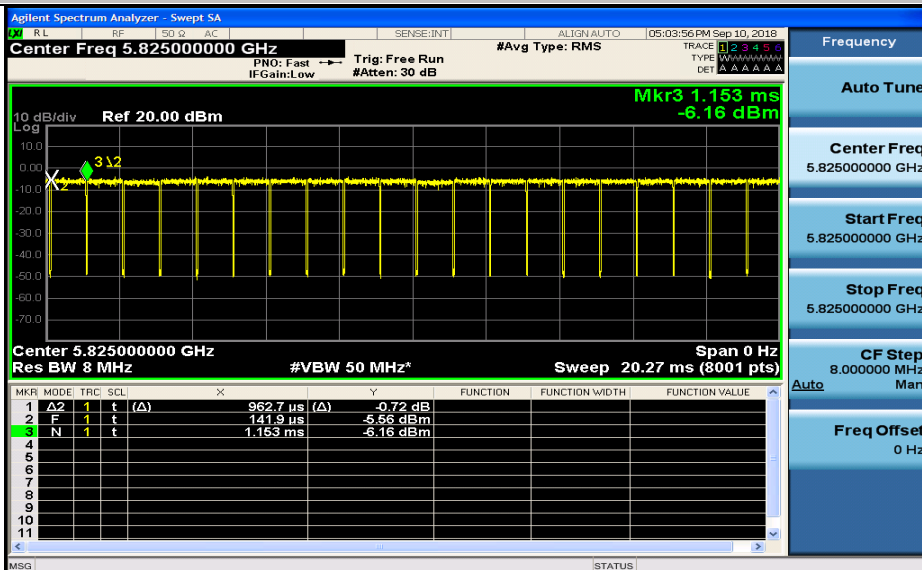
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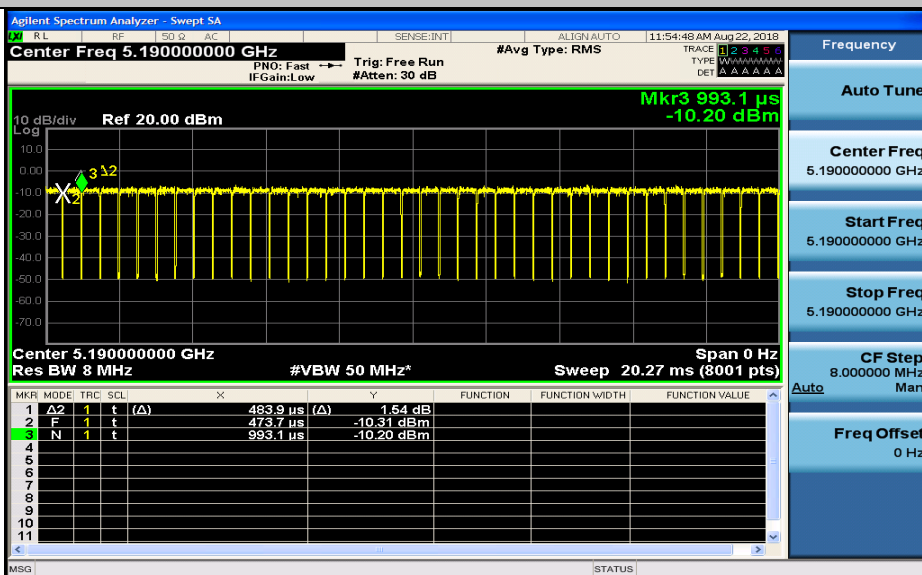
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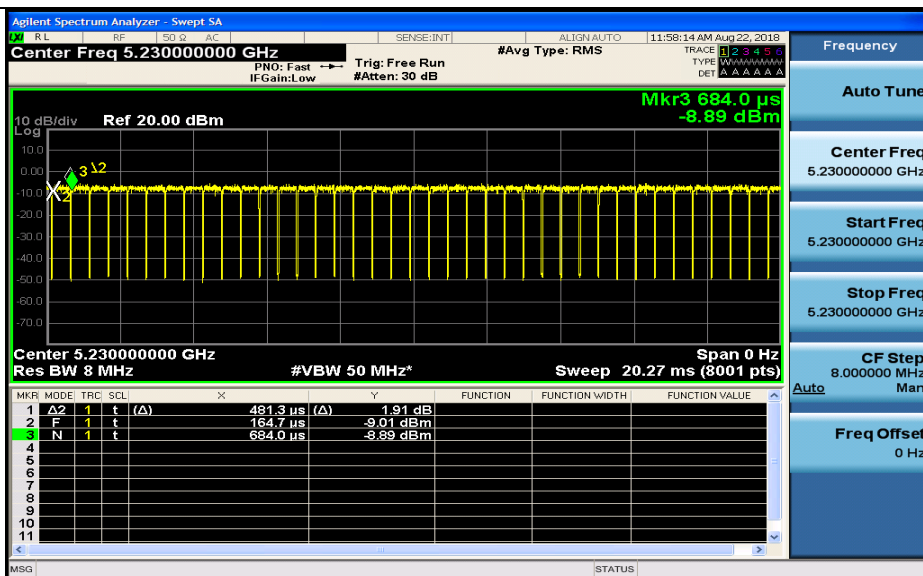
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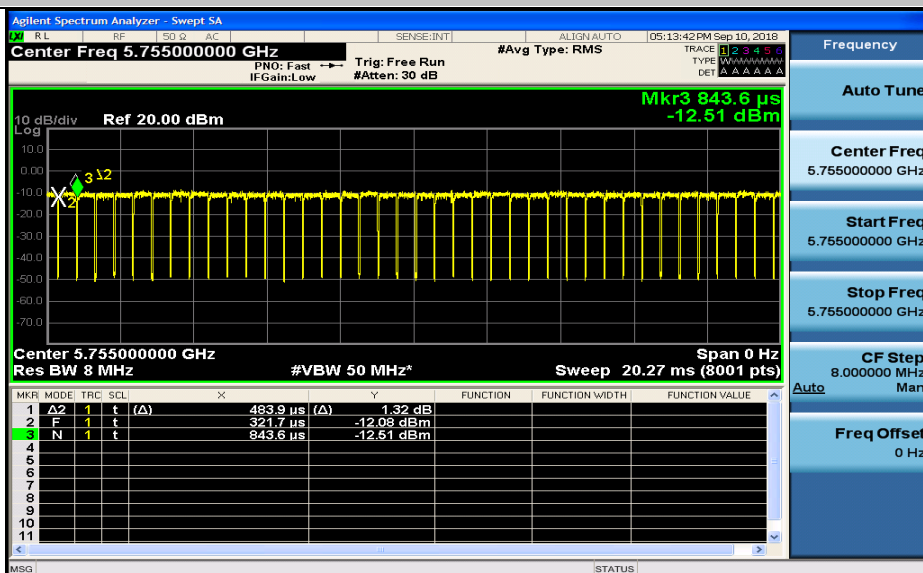
Duty Cycle_11N40_5190_Ant2



Duty Cycle_11N40_5230_Ant2



Duty Cycle_11N40_5755_Ant2



Duty Cycle_11N40_5795_Ant2

