

Appendix E - Input-versus-output signal comparison
Test Data:
Uplink 896-901MHz

Occupied Bandwidth				
Channel Spacing (kHz)	Signal Level	Test Channel (MHz)	Signal Type	99% Occupied Channel Bandwidth (kHz)
6.25kHz (CQPSK)	Pre-AGC	896.012	Input	4.880
			Output	4.879
	3dB Above AGC	896.012	Input	4.879
			Output	4.881
12.5kHz (FM)	Pre-AGC	896.012	Input	9.787
			Output	9.790
	3dB Above AGC	896.012	Input	9.785
			Output	9.782

Uplink 901-902MHz

Occupied Bandwidth				
Channel Spacing (kHz)	Signal Level	Test Channel (MHz)	Signal Type	99% Occupied Channel Bandwidth (kHz)
6.25kHz (CQPSK)	Pre-AGC	901.728	Input	4.880
			Output	4.880
	3dB Above AGC	901.728	Input	4.882
			Output	4.880
12.5kHz (FM)	Pre-AGC	901.728	Input	9.790
			Output	9.789
	3dB Above AGC	901.728	Input	9.785
			Output	9.786



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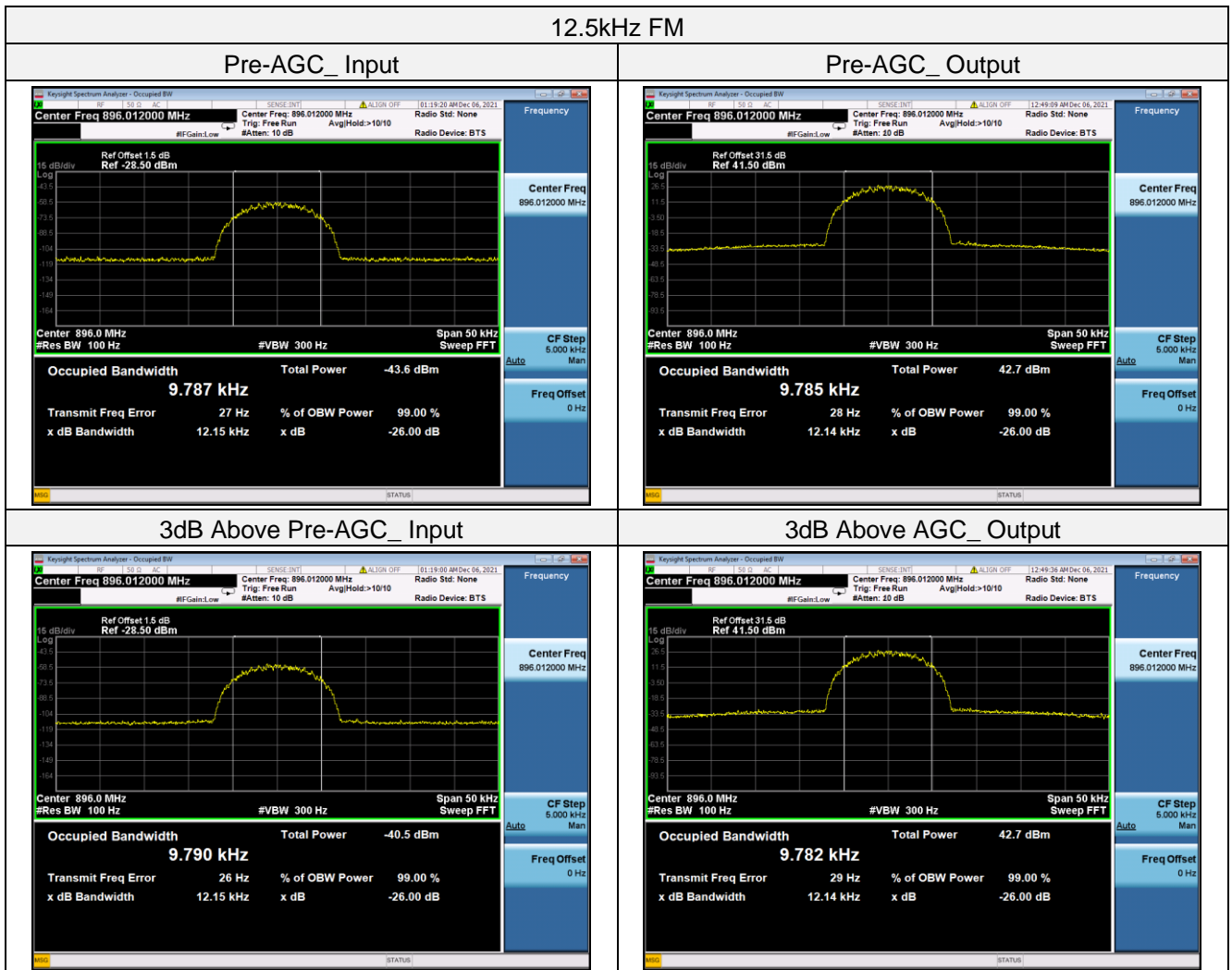
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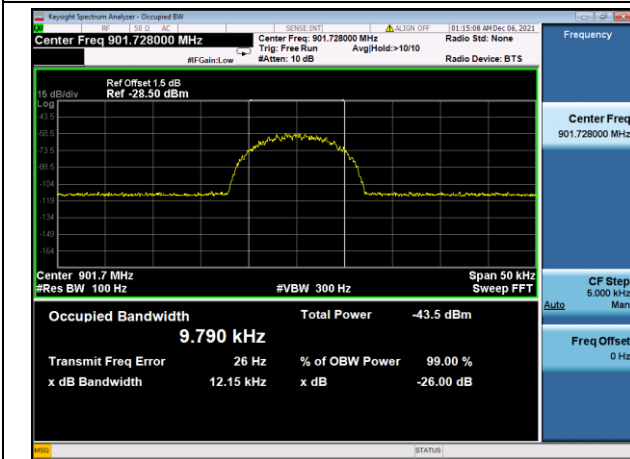
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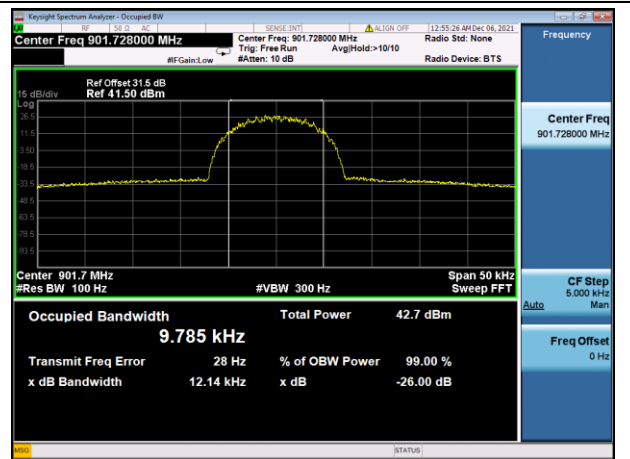
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12.5kHz FM

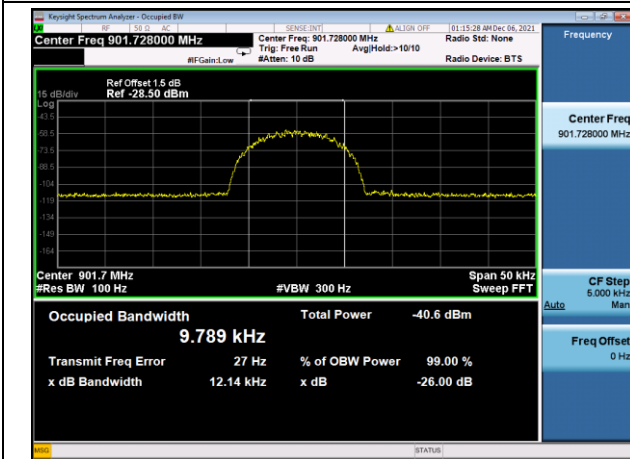
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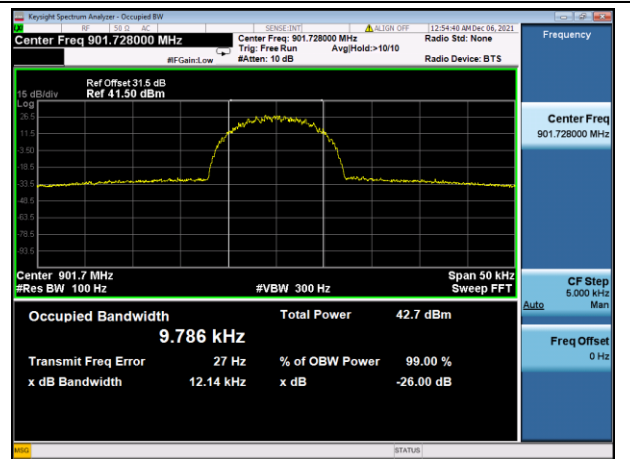
Pre-AGC_Output



3dB Above Pre-AGC_Input



3dB Above AGC_Output

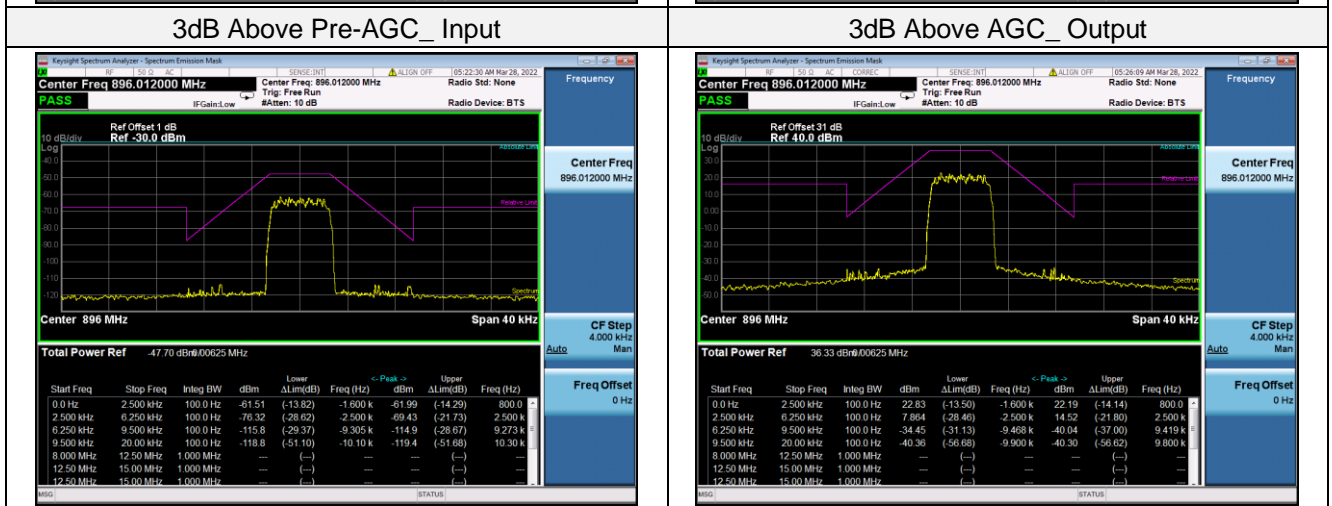
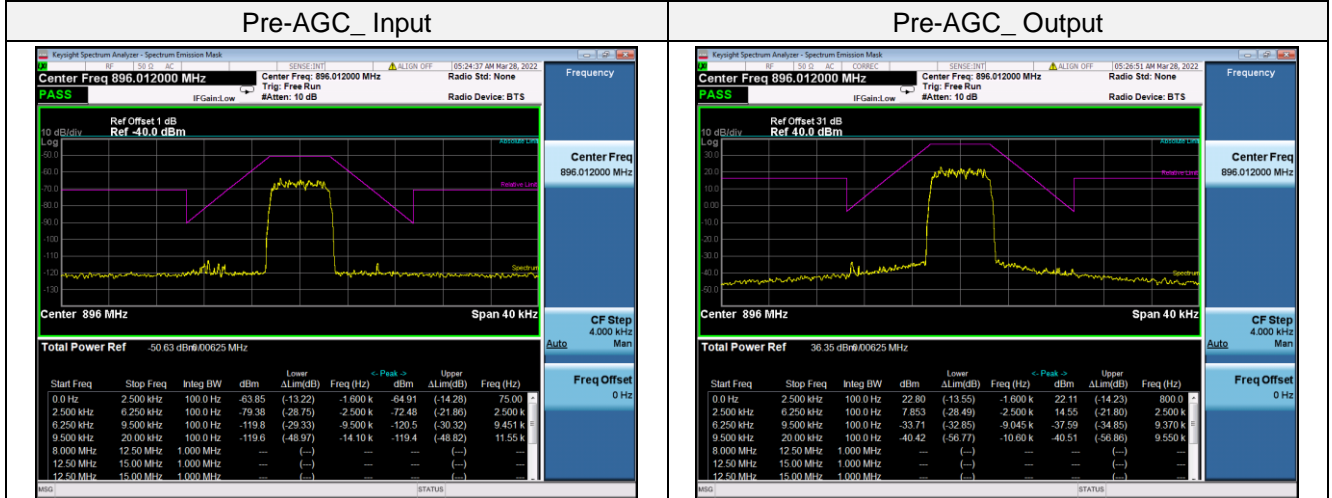


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Emission MASK					
Frequency Band (MHz)	Channel Spacing (kHz)	Signal Level	Test Frequency F ₀ (MHz)	Signal Type	Result
896 - 901 (Mask J) 901 - 902 (Mask C)	6.25kHz (CQPSK)	Pre-AGC	896.012	Input	Pass
		Output		Output	Pass
		3dB Above AGC	896.012	Input	Pass
		Output		Output	Pass
	12.5kHz (FM)	Pre-AGC	901.728	Input	Pass
		3dB Above AGC	901.728	Input	Pass

896 - 901MHz
6.25kHz CQPSK



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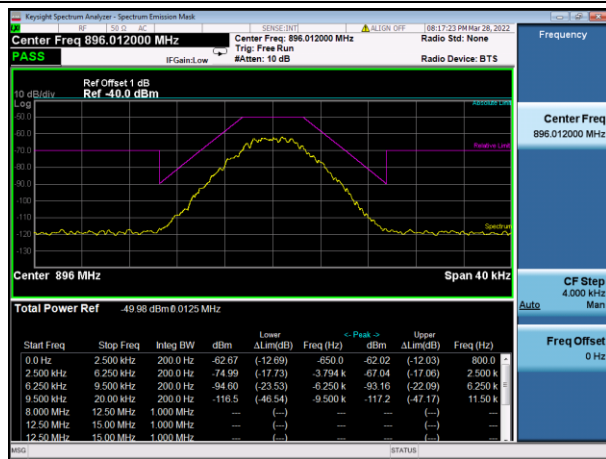
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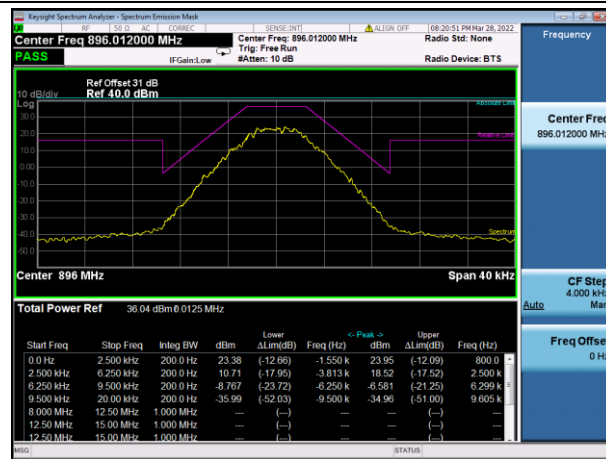
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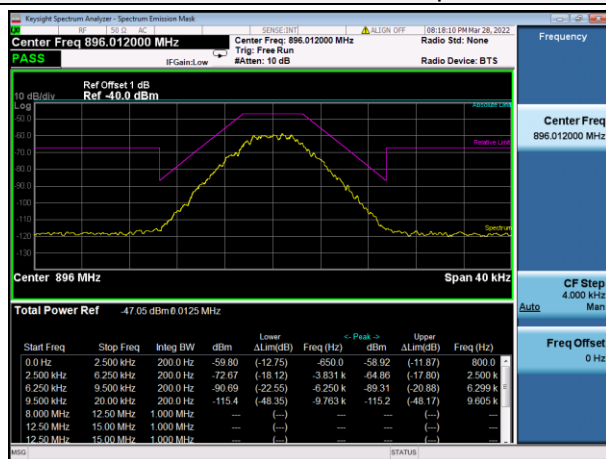
Pre-AGC_Input



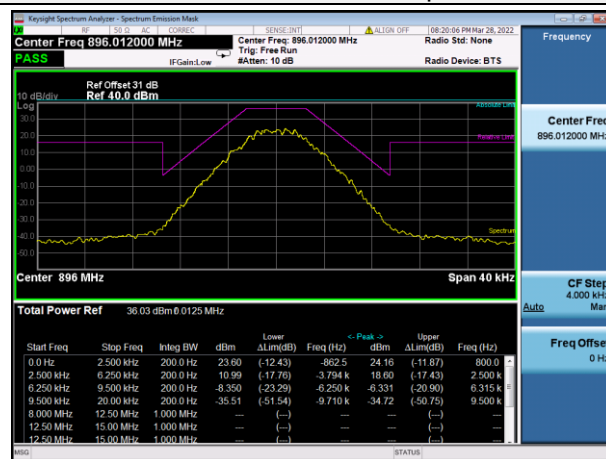
Pre-AGC_Output



3dB Above Pre-AGC_Input



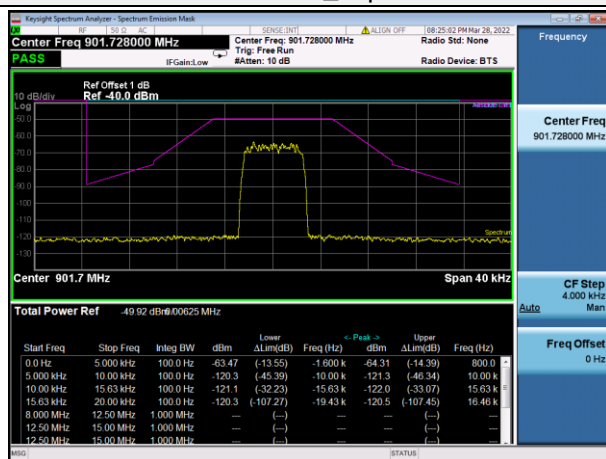
3dB Above AGC_Output



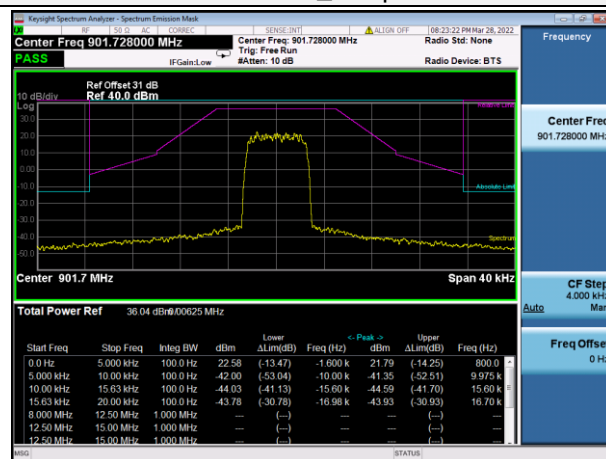
901 - 902MHz

6.25kHz CQPSK

Pre-AGC_Input

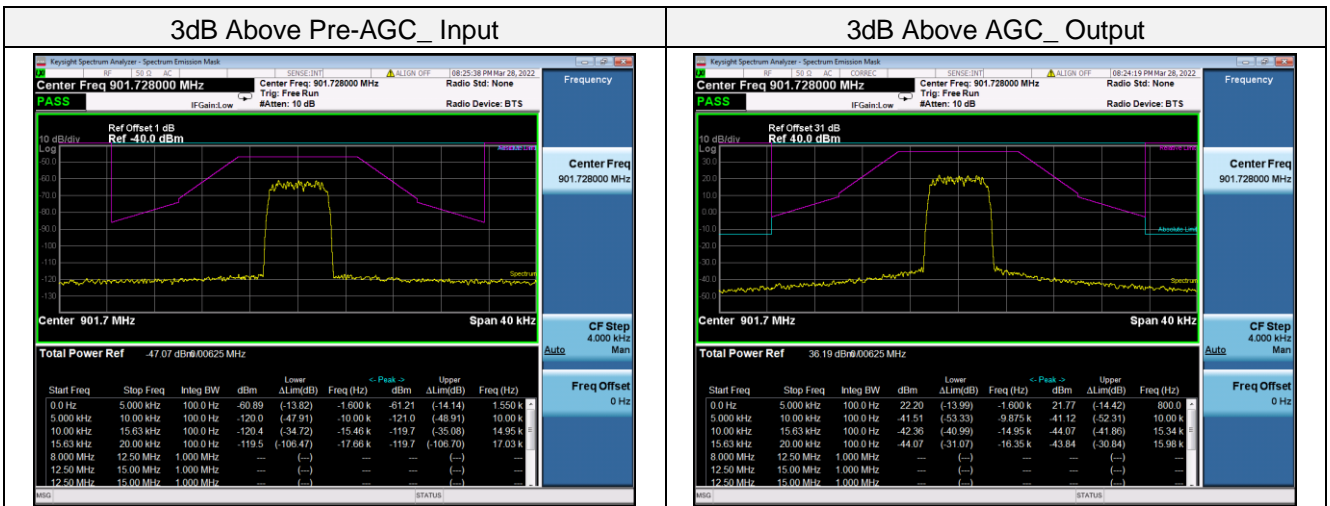


Pre-AGC_Output

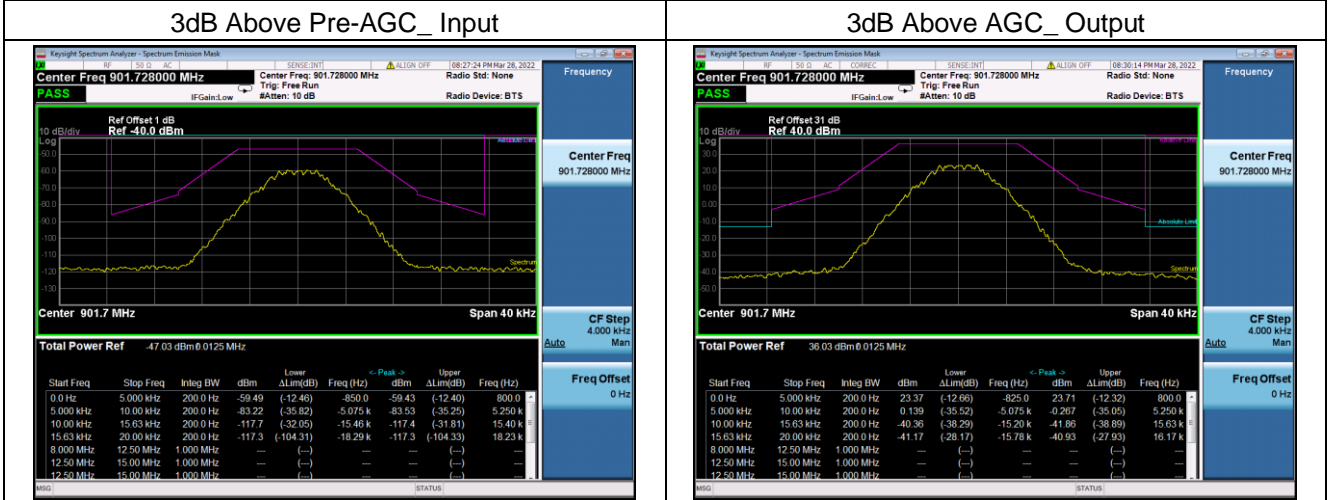
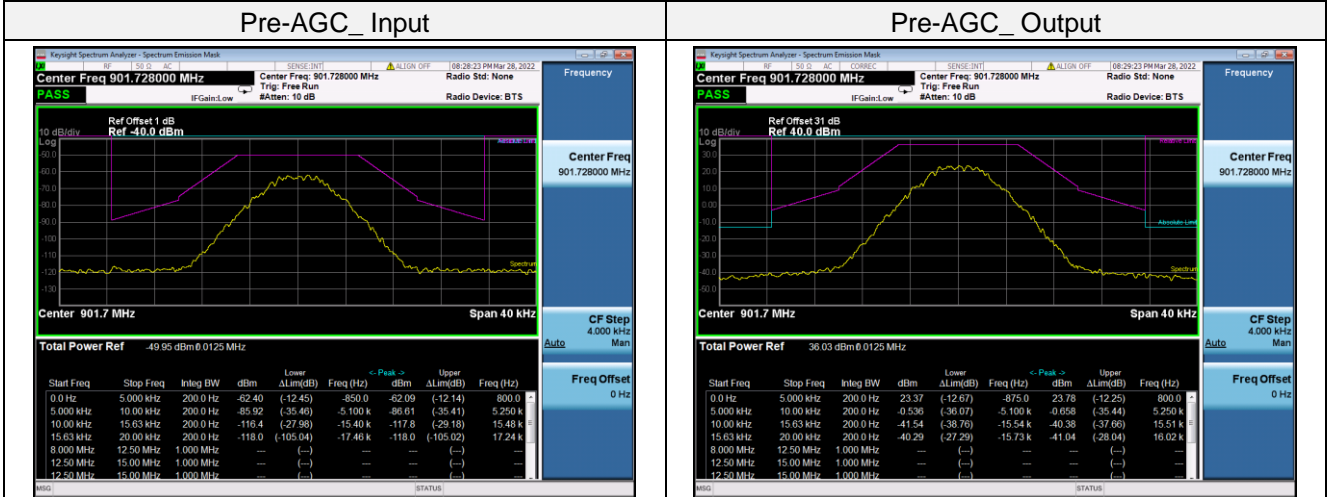


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12.5kHz FM



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