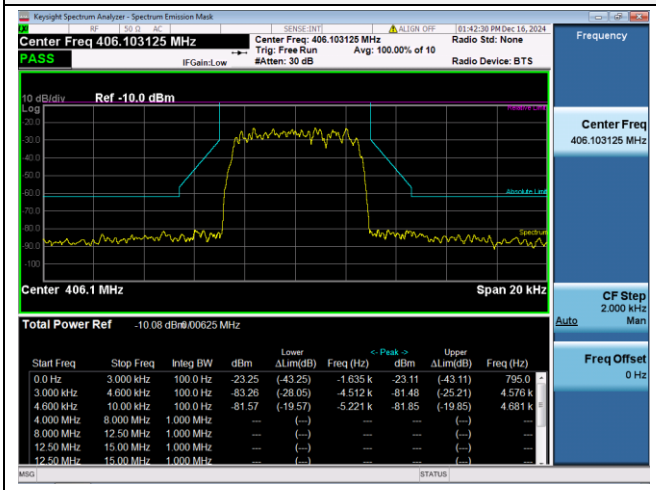
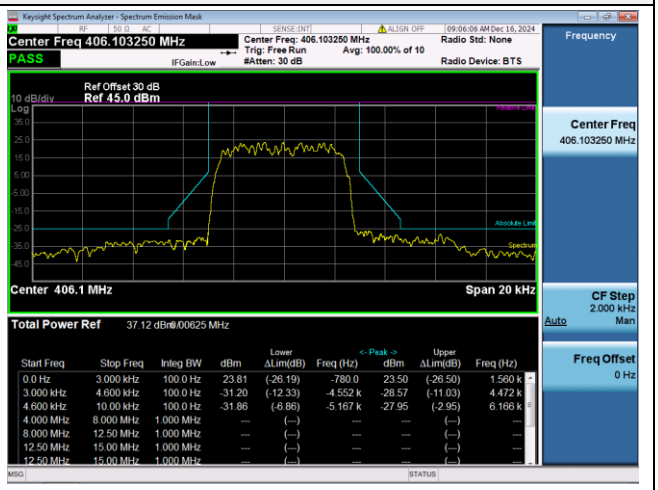
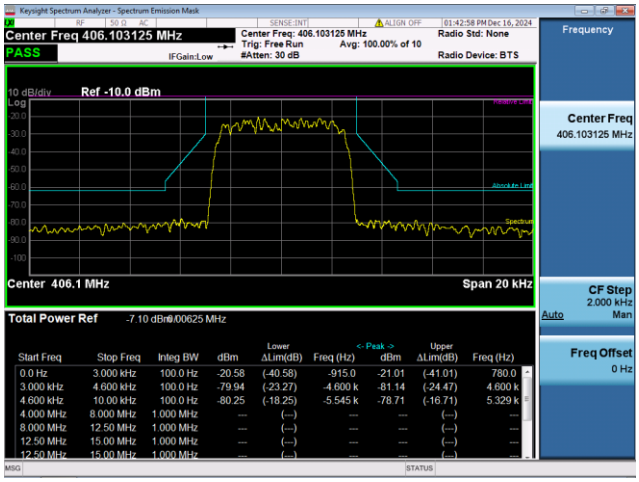
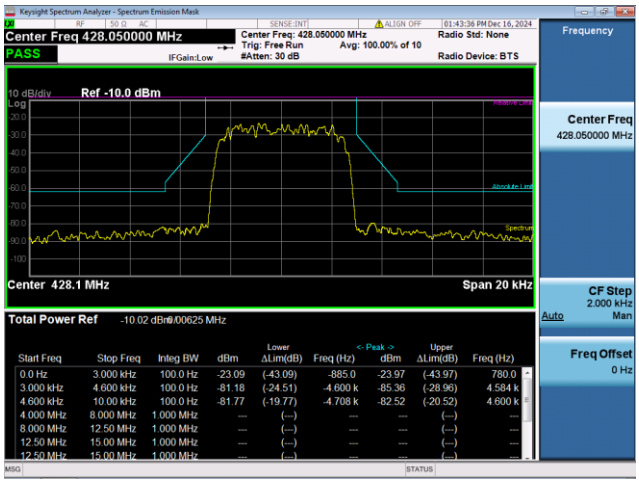
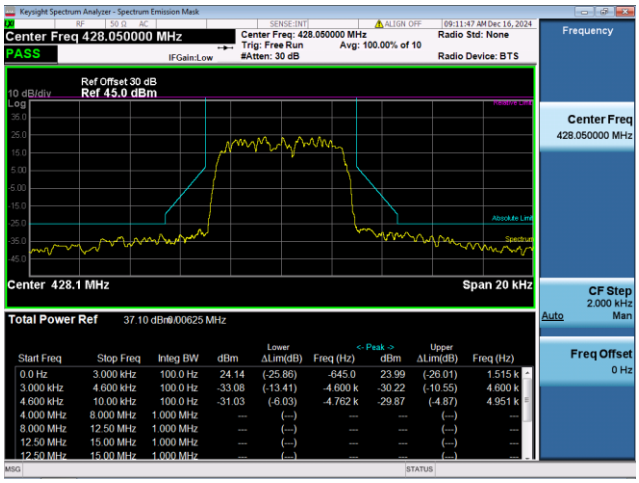
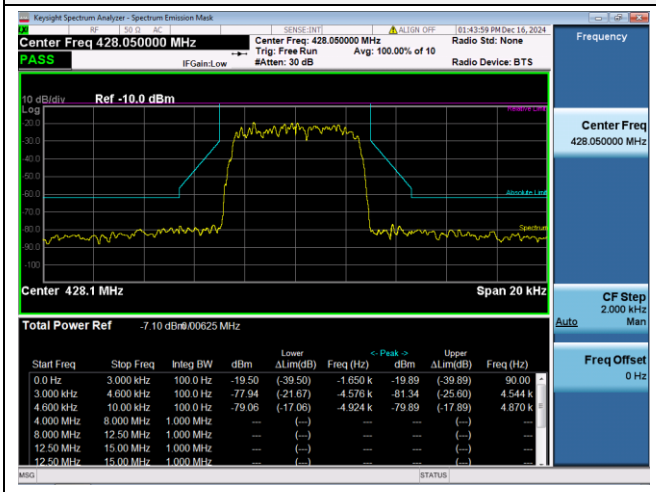
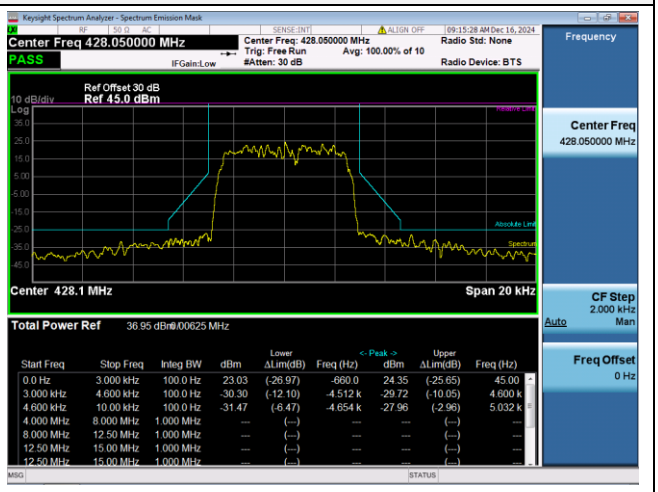
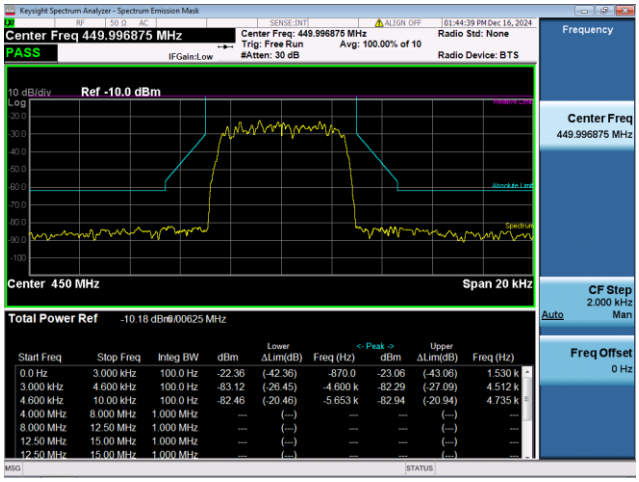
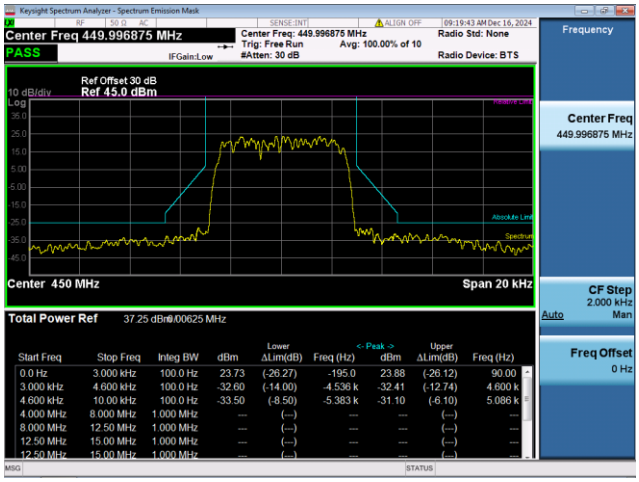
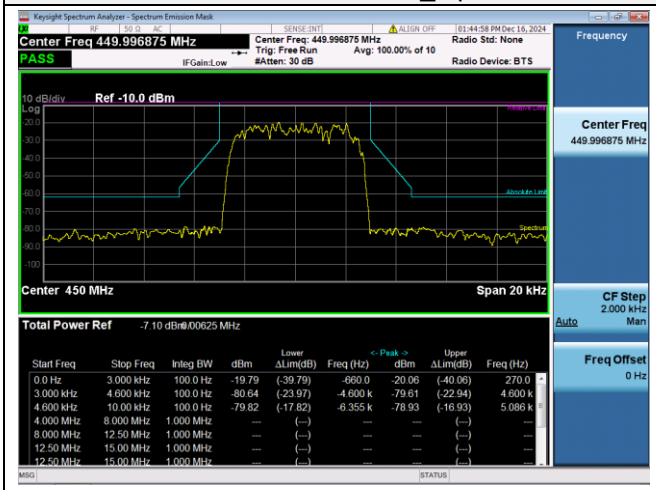
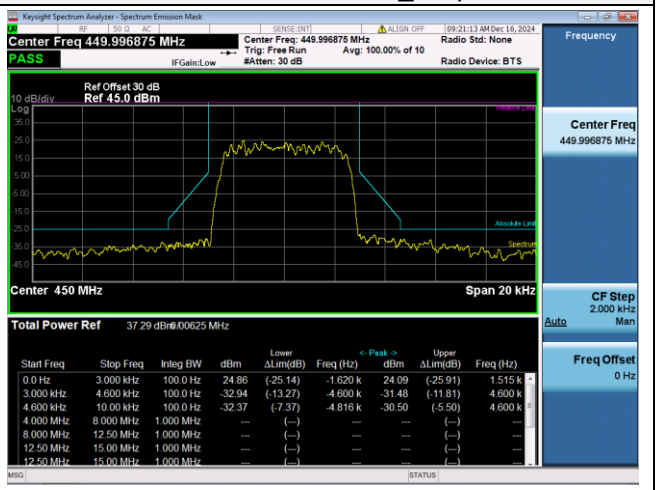
Appendix H for Emission Mask

MASK Emission						
Channel Spacing (kHz)	Signal Level	Test Channel	Signal Type	Displacement Frequency, fd (kHz)	Limit	Result
6.25kHz (CQPSK)	Pre-AGC	Low Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
		Middle Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
		High Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
	3dB Above AGC	Low Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
		Middle Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
		High Channel	Input	3 <fd ≤ 4.6	55 + 10 log10(p)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
			Output	3 <fd ≤ 4.6	30 + 16.67(fd−3)	Pass
				fd > 4.6	55 + 10 log10(p)	Pass
12.5kHz (FM)	Pre-AGC	Low Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
		Middle Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
		High Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
	3dB Above AGC	Low Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
		Middle Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass

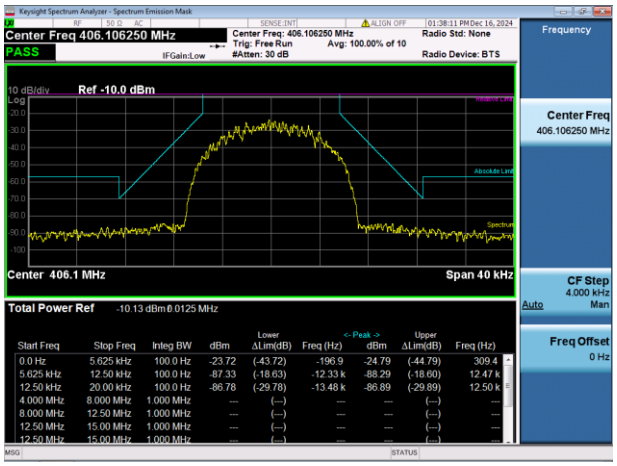
		High Channel	Input	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
			Output	5.625 < fd ≤ 12.5	7.27(fd−2.88)	Pass
				fd > 12.5	50 + 10 log10(p)	Pass
25KHz (TETRA)	Pre-AGC	Low Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
		Middle Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
		High Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
	3dB Above AGC	Low Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
		Middle Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
		High Channel	Input	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass
			Output	12.5 < fd ≤ 25	25	Pass
				25 < fd ≤ 62.5	35	Pass

6.25kHz CQPSK _ Low Channel	
Pre-AGC_ Input	Pre-AGC_ Output
	
3dB Above Pre-AGC_ Input	3dB Above Pre-AGC_ Output
	
6.25kHz CQPSK _ Middle Channel	
Pre-AGC_Input	Pre-AGC_Output
	

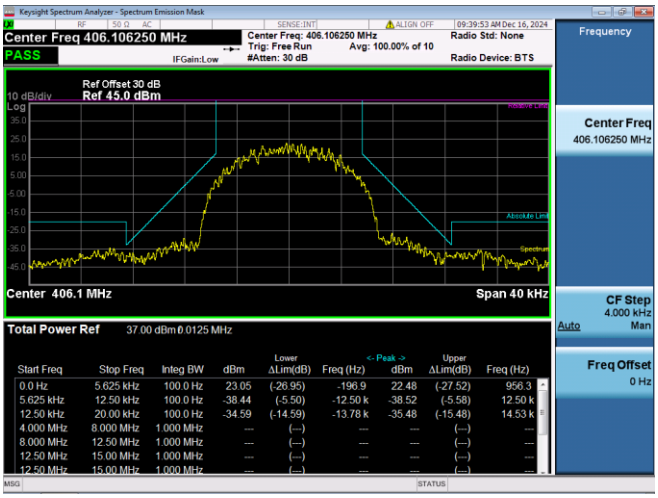
3dB Above Pre-AGC_Input	3dB Above Pre-AGC_Output
	
6.25kHz CQPSK _ High Channel	
Pre-AGC_Input	**Pre-AGC_Output**
	
3dB Above Pre-AGC_Input	**3dB Above Pre-AGC_Output**
	

12.5kHz FM _ Low Channel

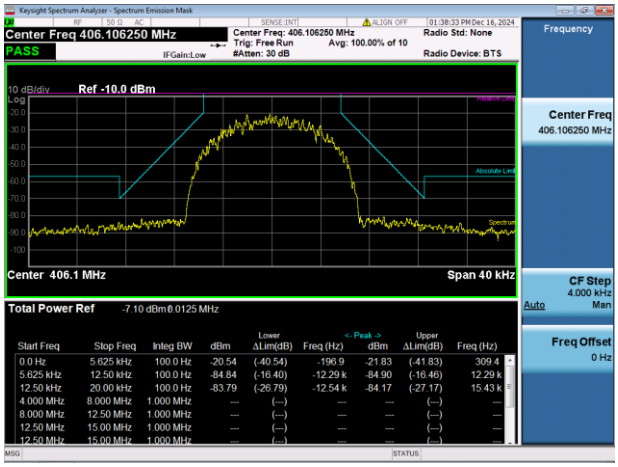
Pre-AGC_ Input



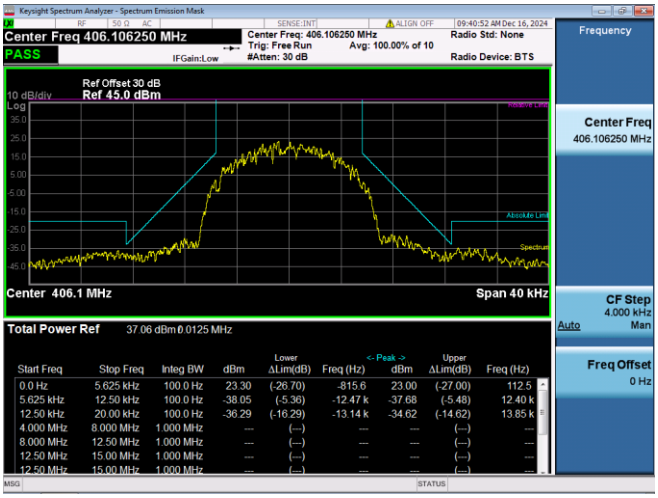
Pre-AGC_ Output



3dB Above Pre-AGC_ Input

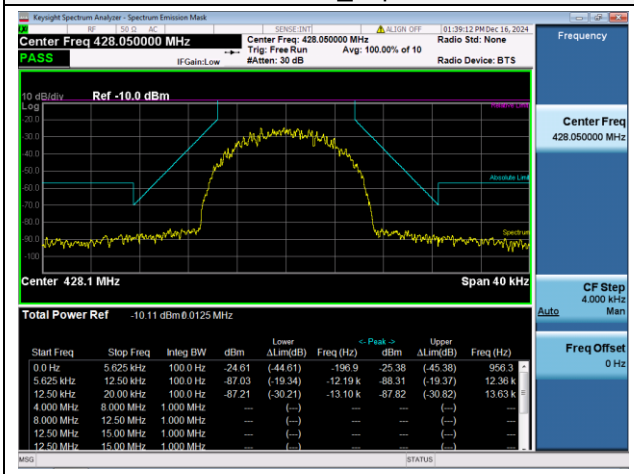


3dB Above Pre-AGC_ Output

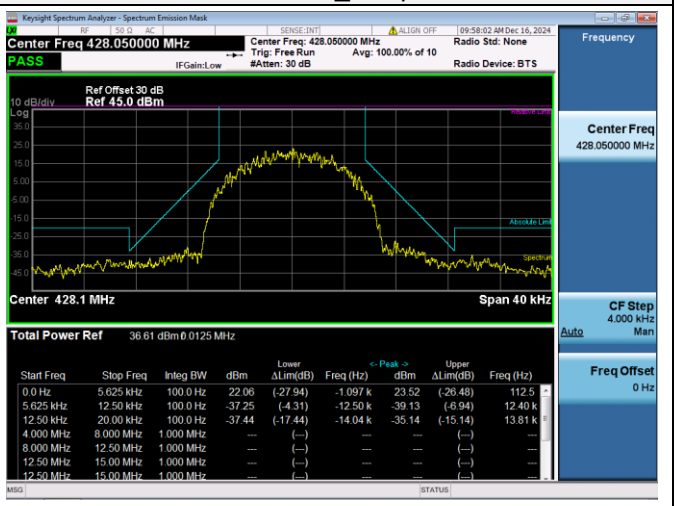


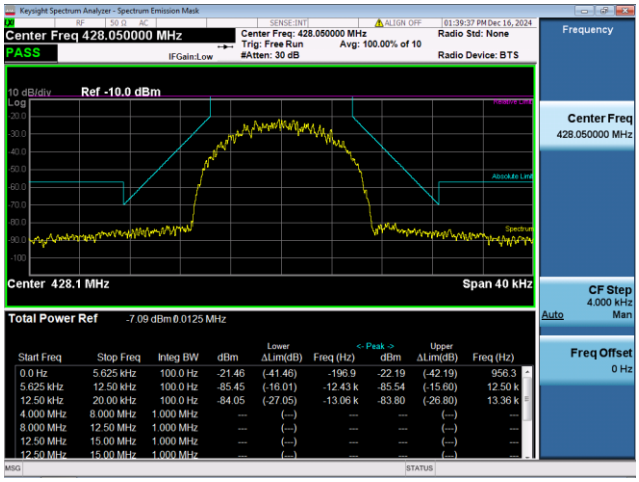
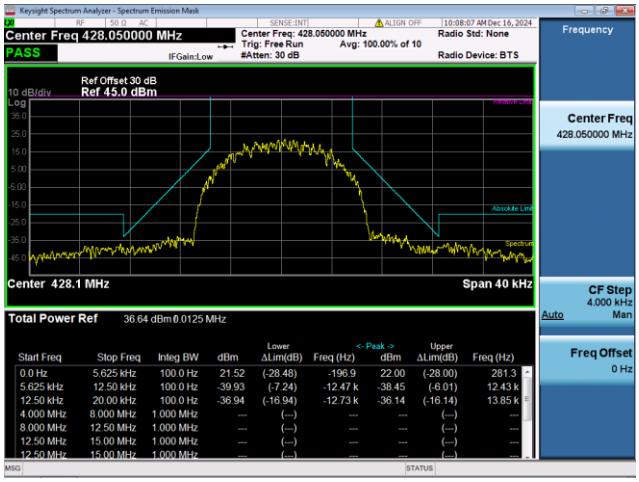
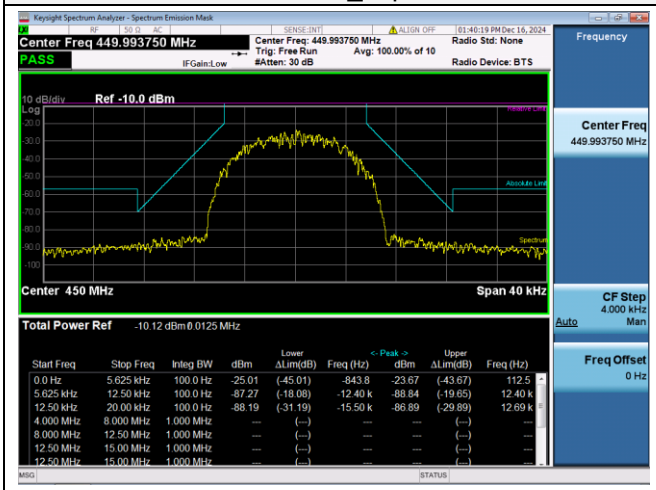
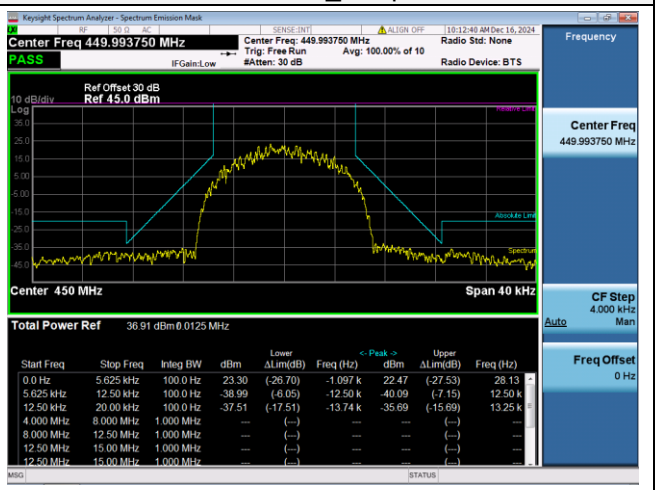
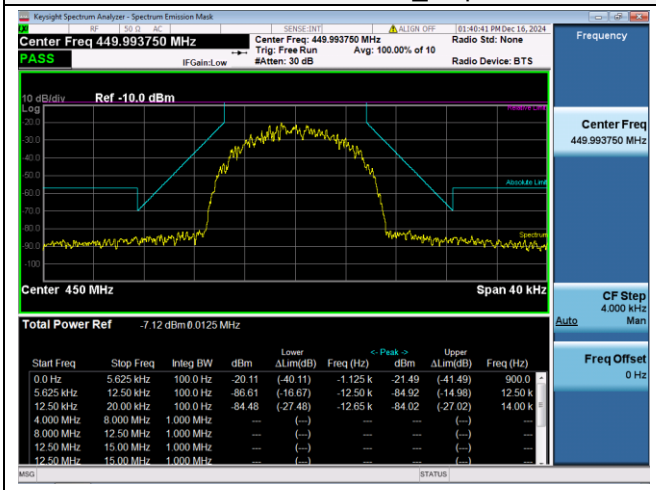
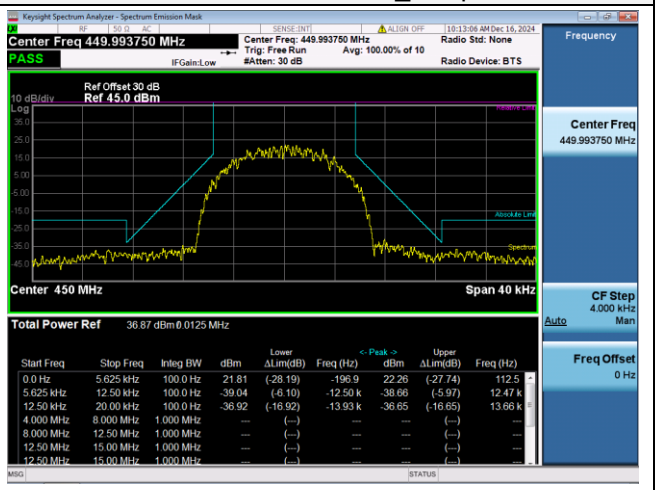
12.5kHz FM _ Middle Channel

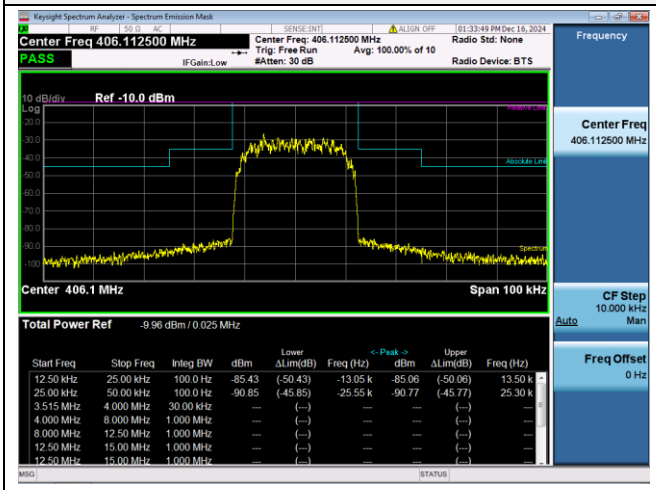
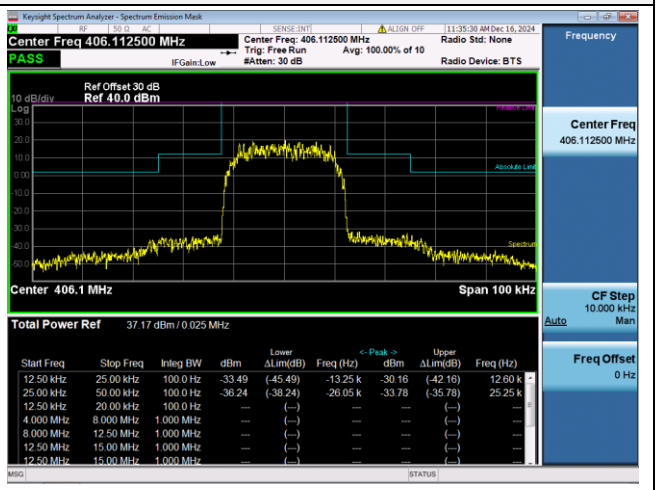
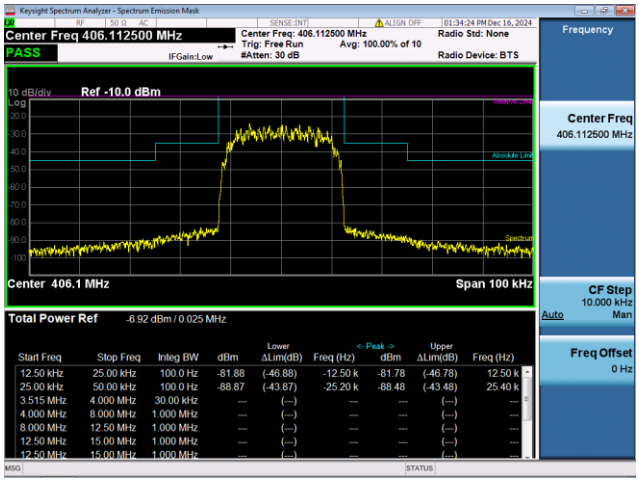
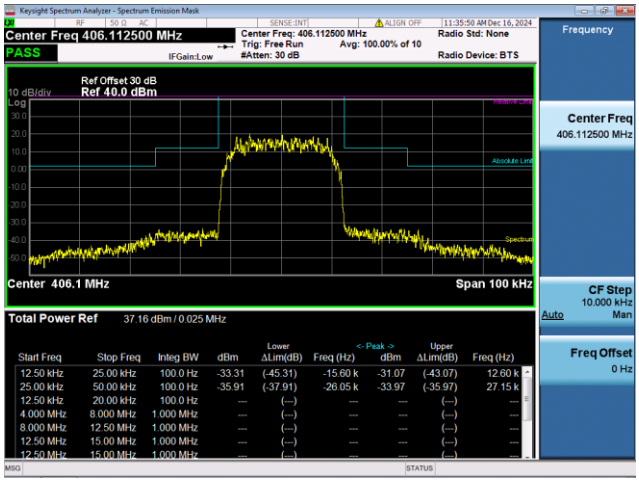
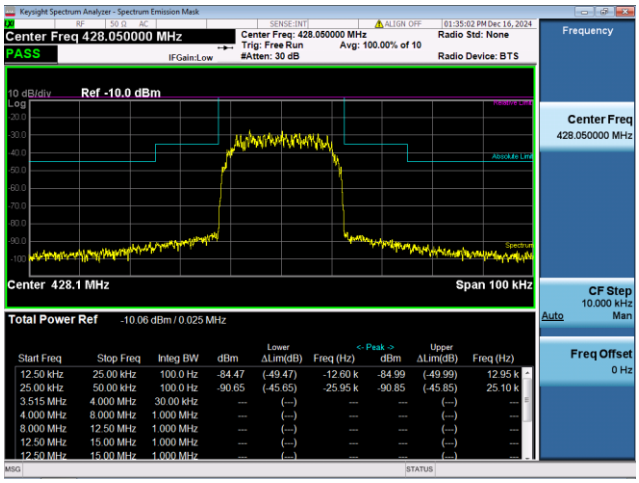
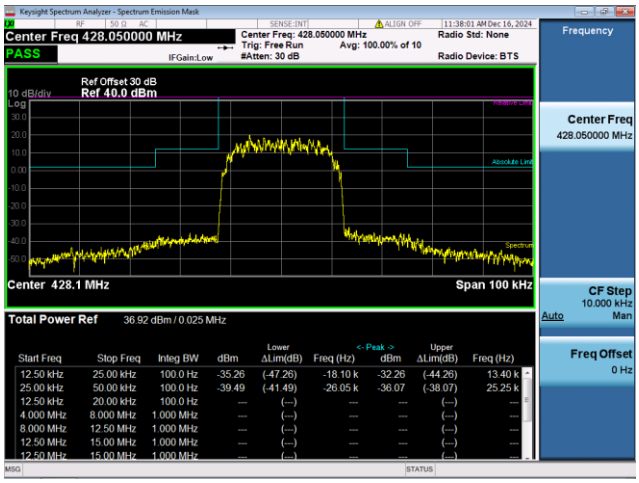
Pre-AGC_ Input

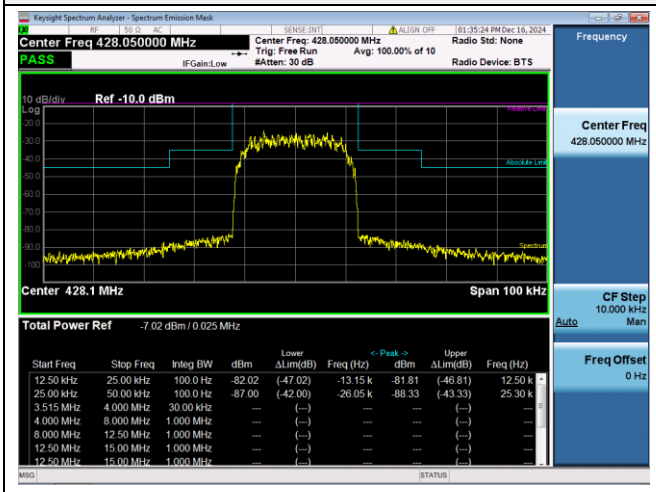
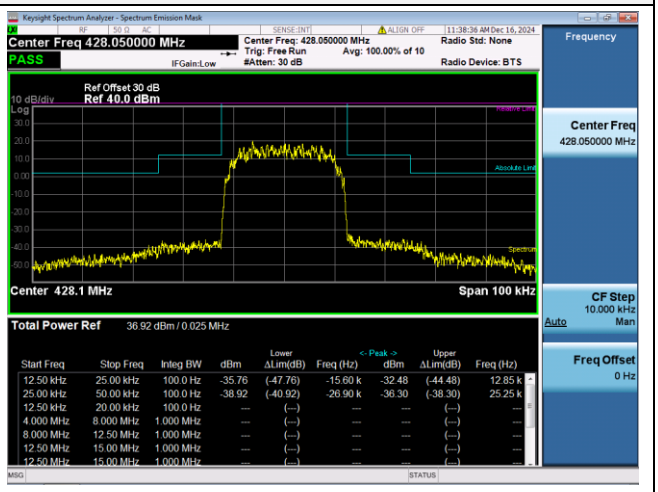


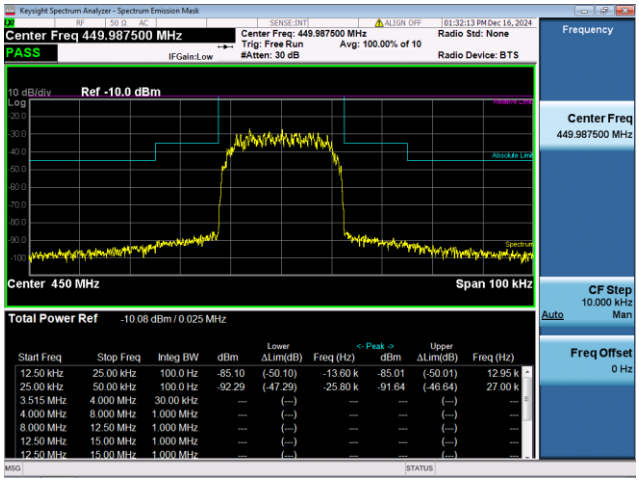
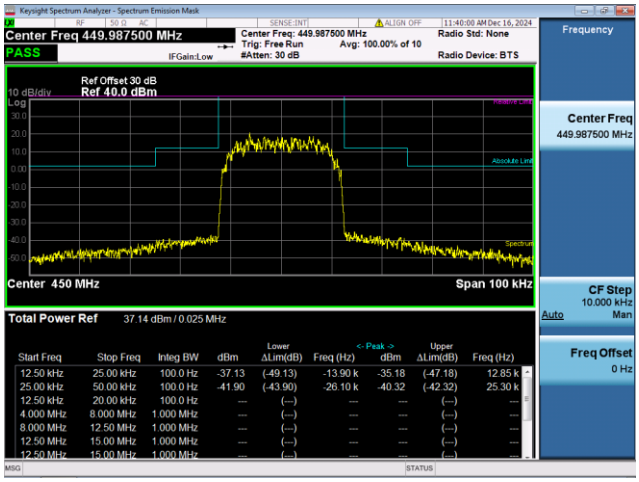
Pre-AGC_ Output



3dB Above Pre-AGC_ Input	3dB Above Pre-AGC_ Output
	
12.5kHz FM _ High Channel	
Pre-AGC_ Input	**Pre-AGC_ Output**
	
3dB Above Pre-AGC_ lutput	**3dB Above Pre-AGC_ Output**
	

25kHz TETRA_ Low Channel	
Pre-AGC_ Input	Pre-AGC_ Output
	
3dB Above Pre-AGC_ Input	3dB Above Pre-AGC_ Output
	
25kHz TETRA_ Middle Channel	
Pre-AGC_ Input	Pre-AGC_ Output
	

3dB Above Pre-AGC_ Input	3dB Above Pre-AGC_ Output
	

25kHz TETRA_ High Channel	
Pre-AGC_ Input	Pre-AGC_ Output
	
3dB Above Pre-AGC_ Input	3dB Above Pre-AGC_ Output