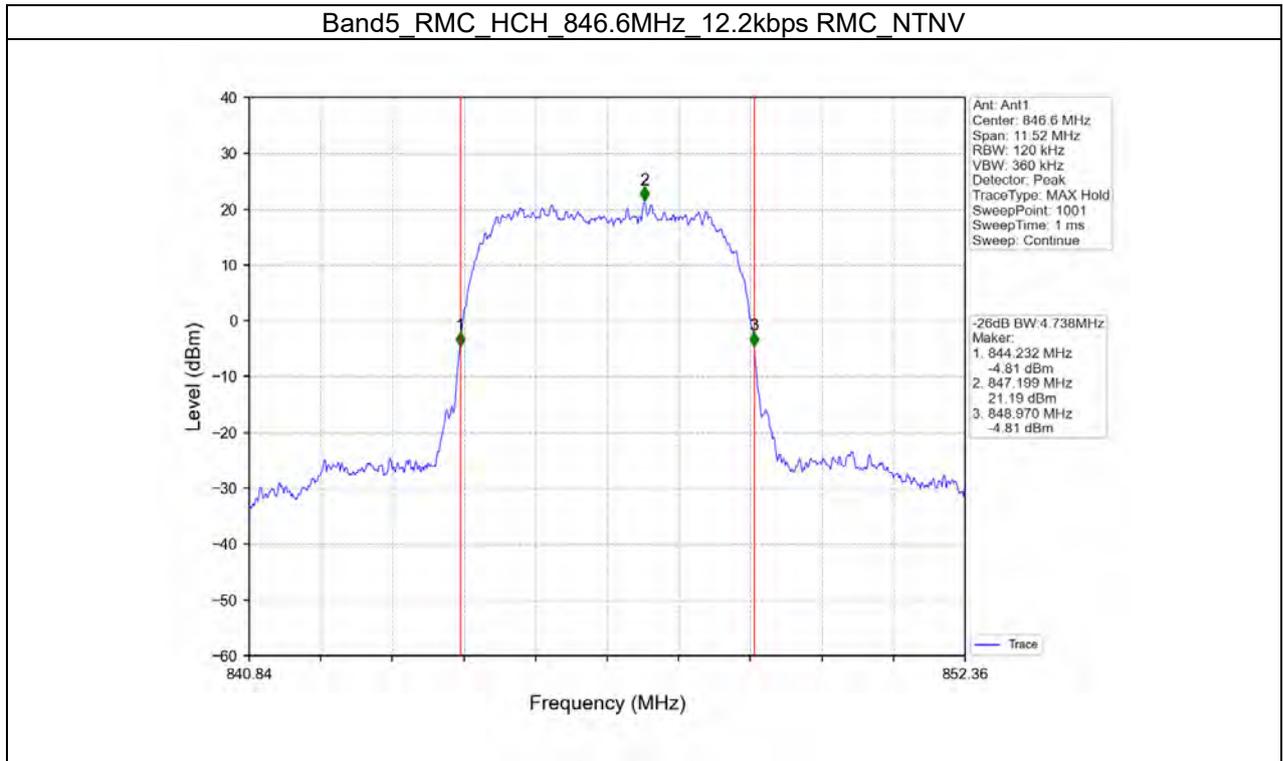




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Test Report No.: W7L-P21100027RF14





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## PEAK-AVERAGE RATIO

### BAND5

### TEST RESULT

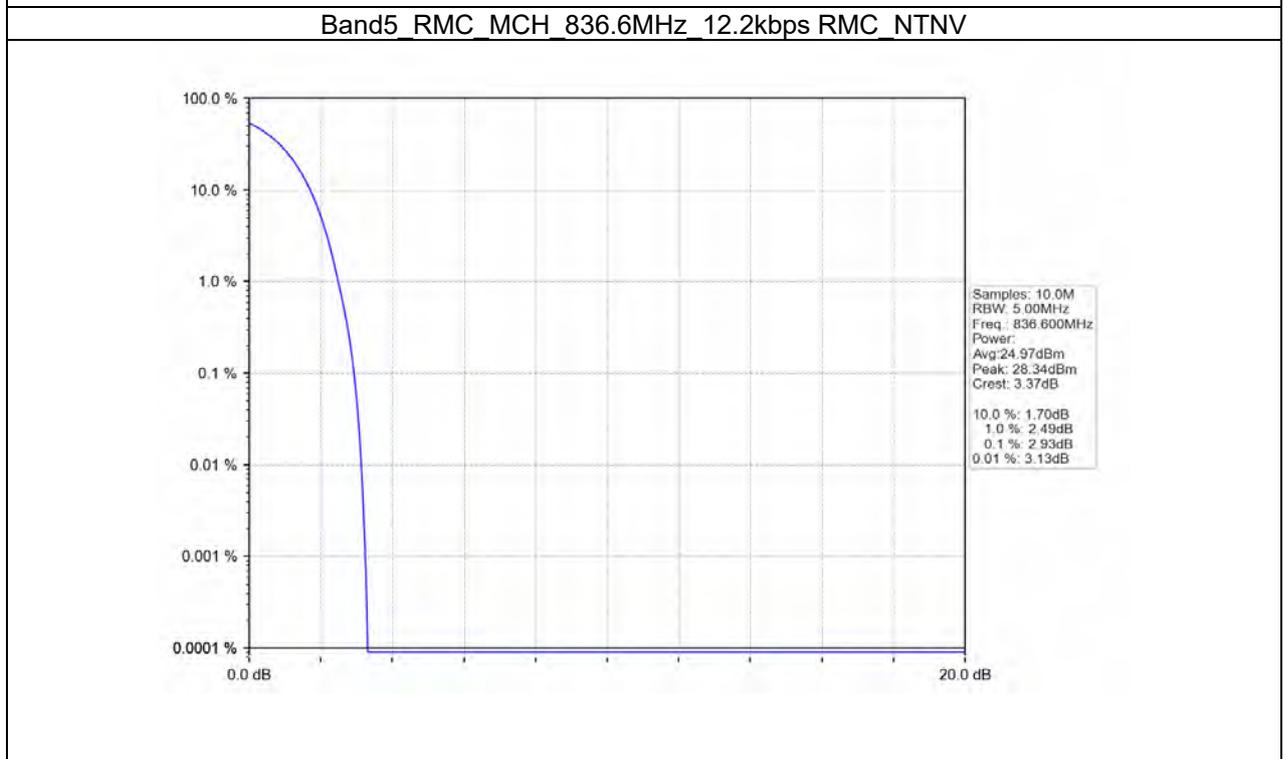
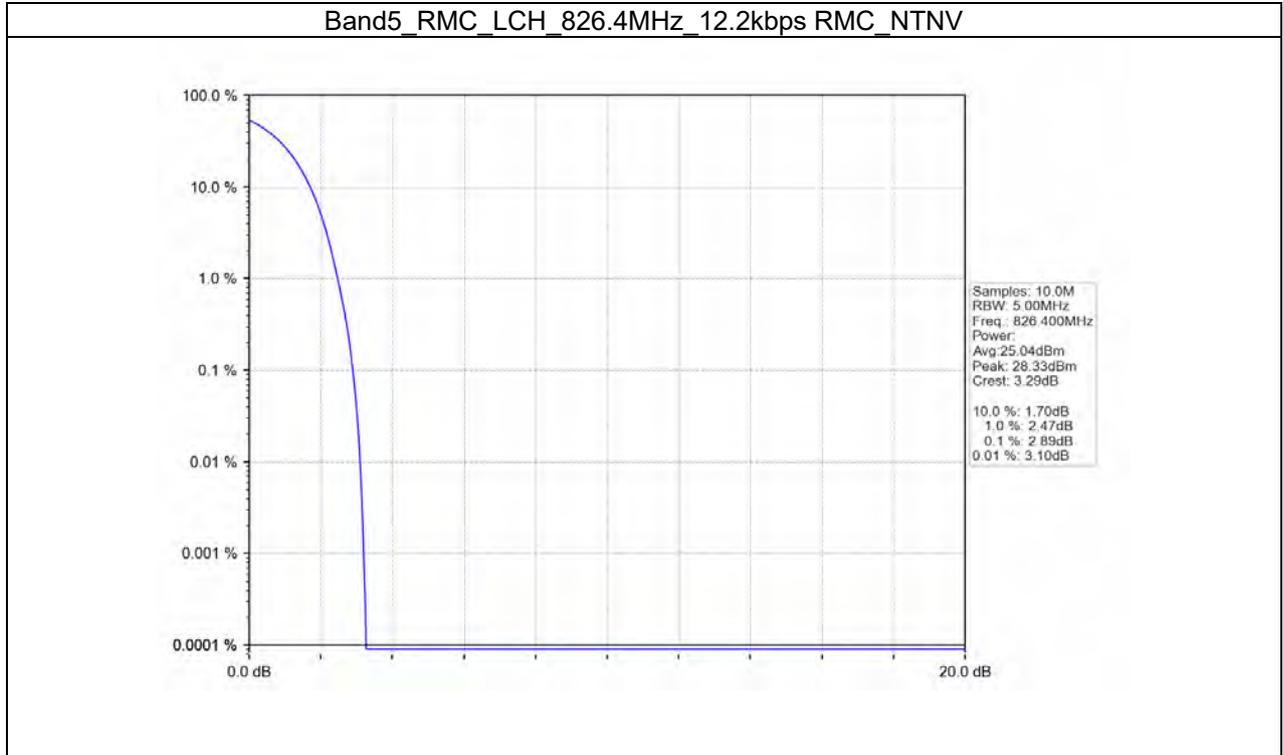
Band: 5						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	2.89	<=13	Pass
			836.6	2.93	<=13	Pass
			846.6	2.92	<=13	Pass



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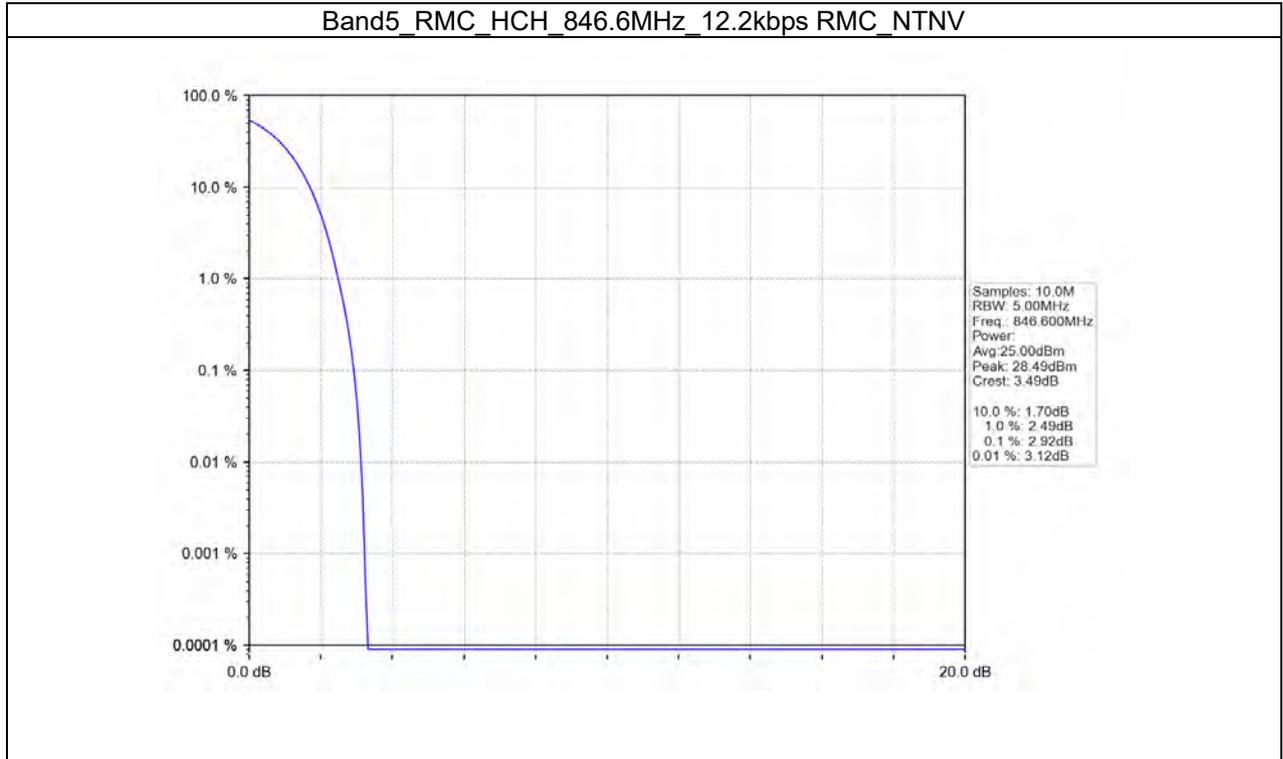
### TEST GRAPH





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### SPURIOUS EMISSION

### BAND5

### TEST RESULT

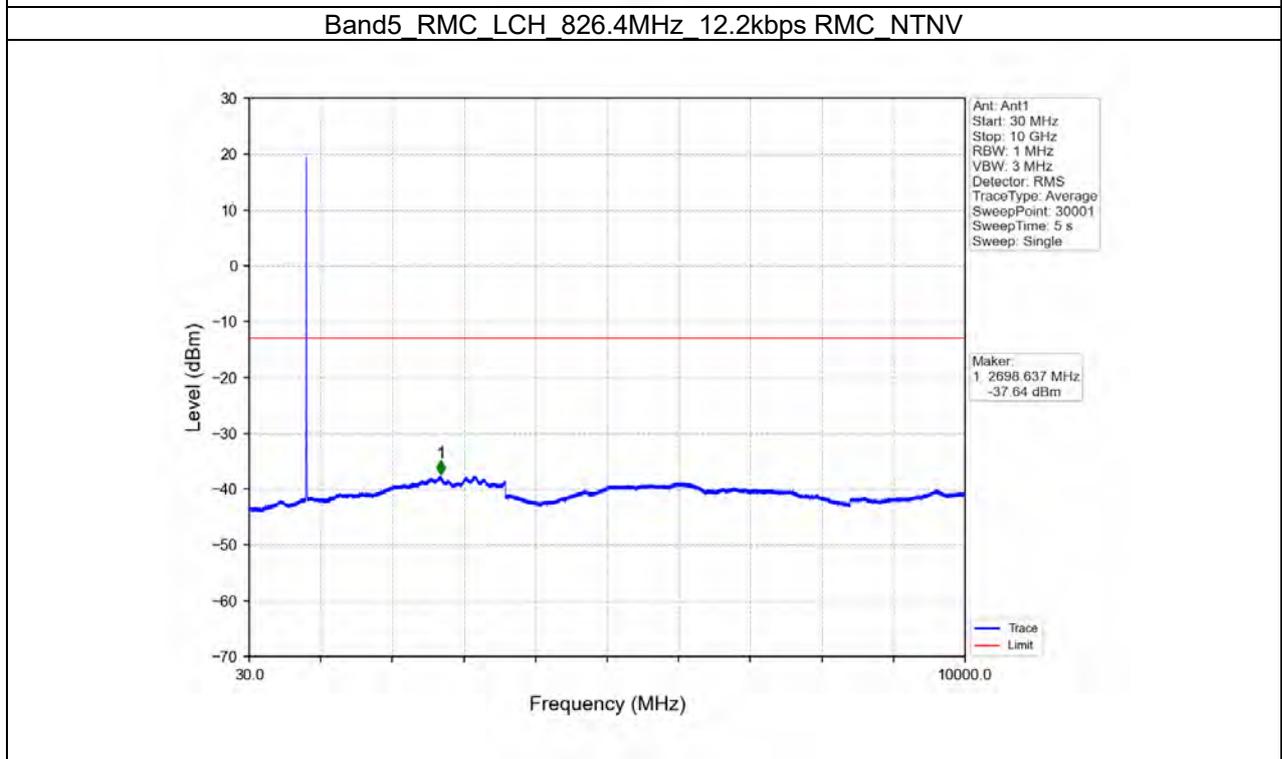
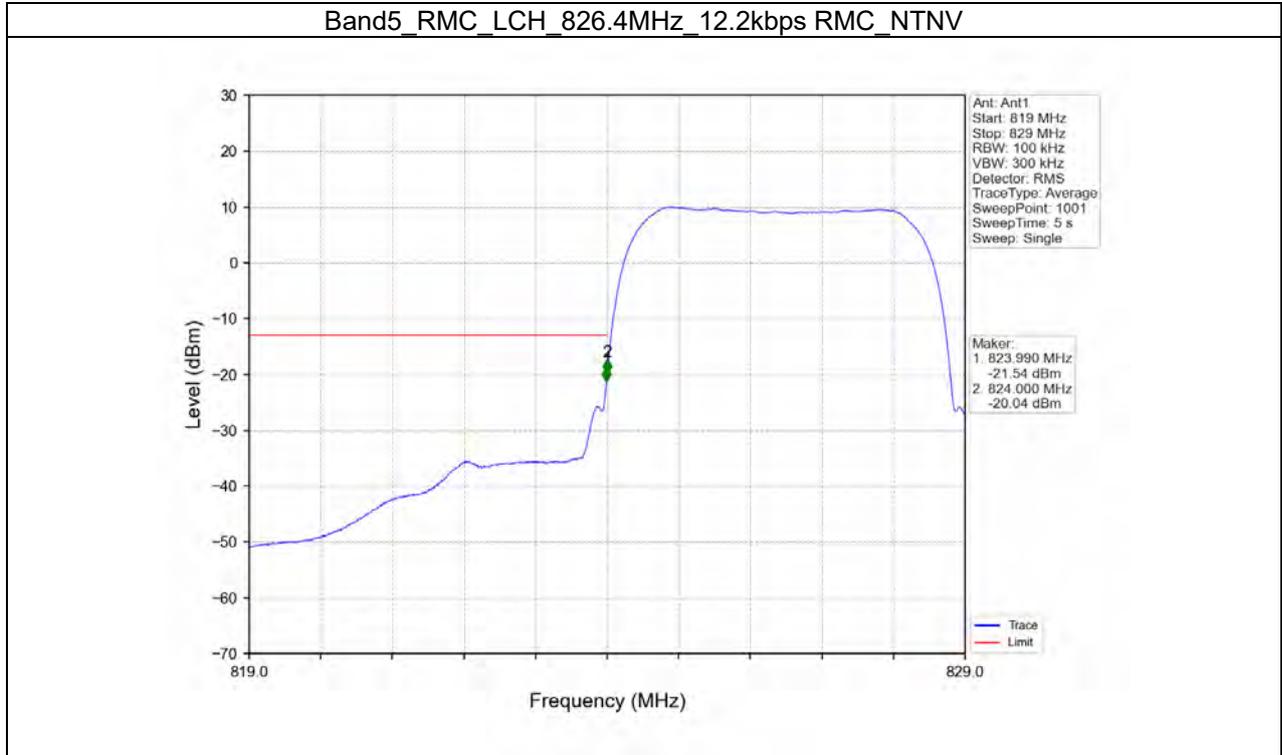
Band: 5						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	826.4	Refer To Test Graph		Pass
			836.6	Refer To Test Graph		Pass
			846.6	Refer To Test Graph		Pass



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Test Report No.: W7L-P21100027RF14

### TEST GRAPH

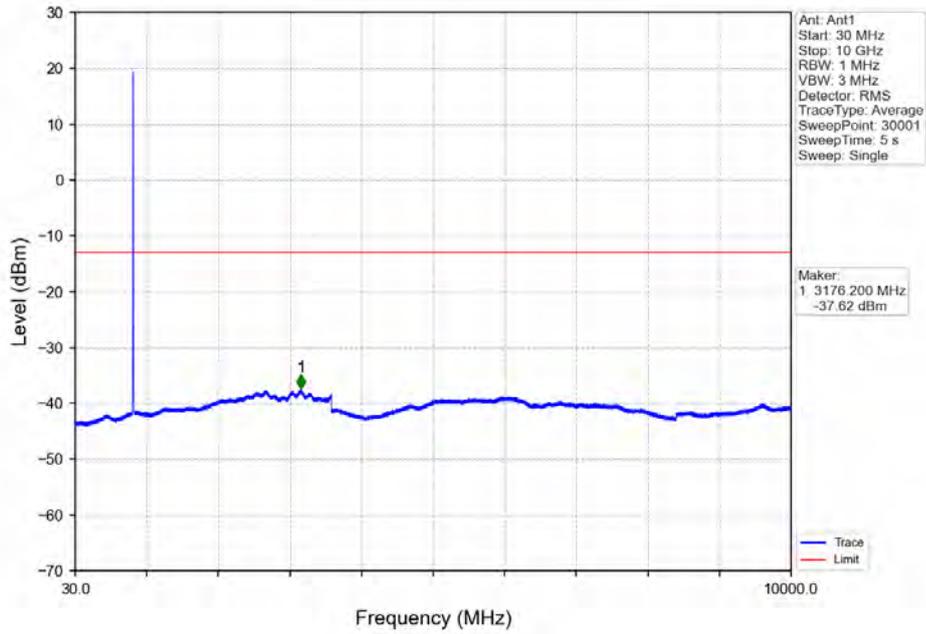




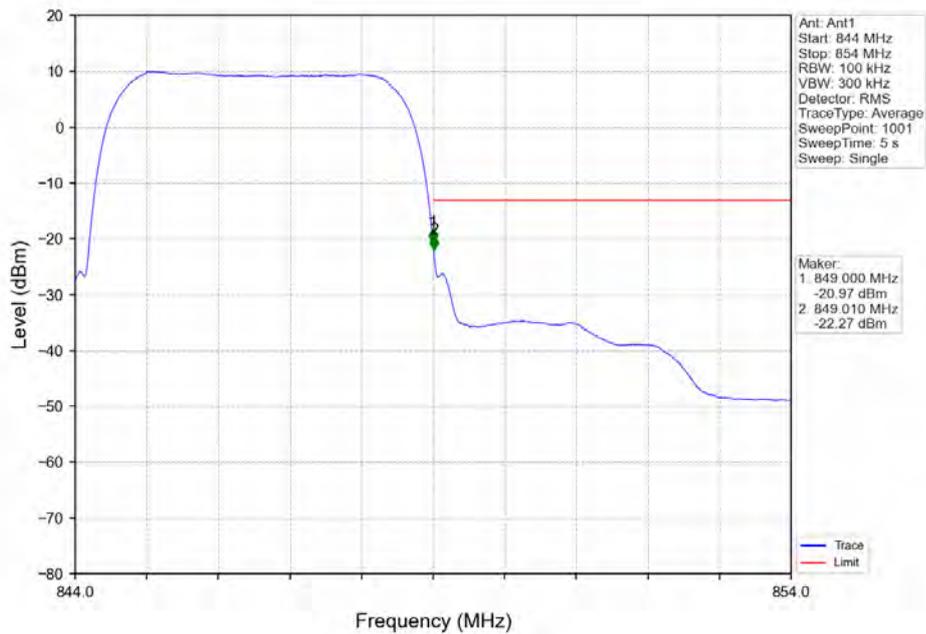
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Band5\_RMC\_MCH\_836.6MHz\_12.2kbps RMC\_NTNV



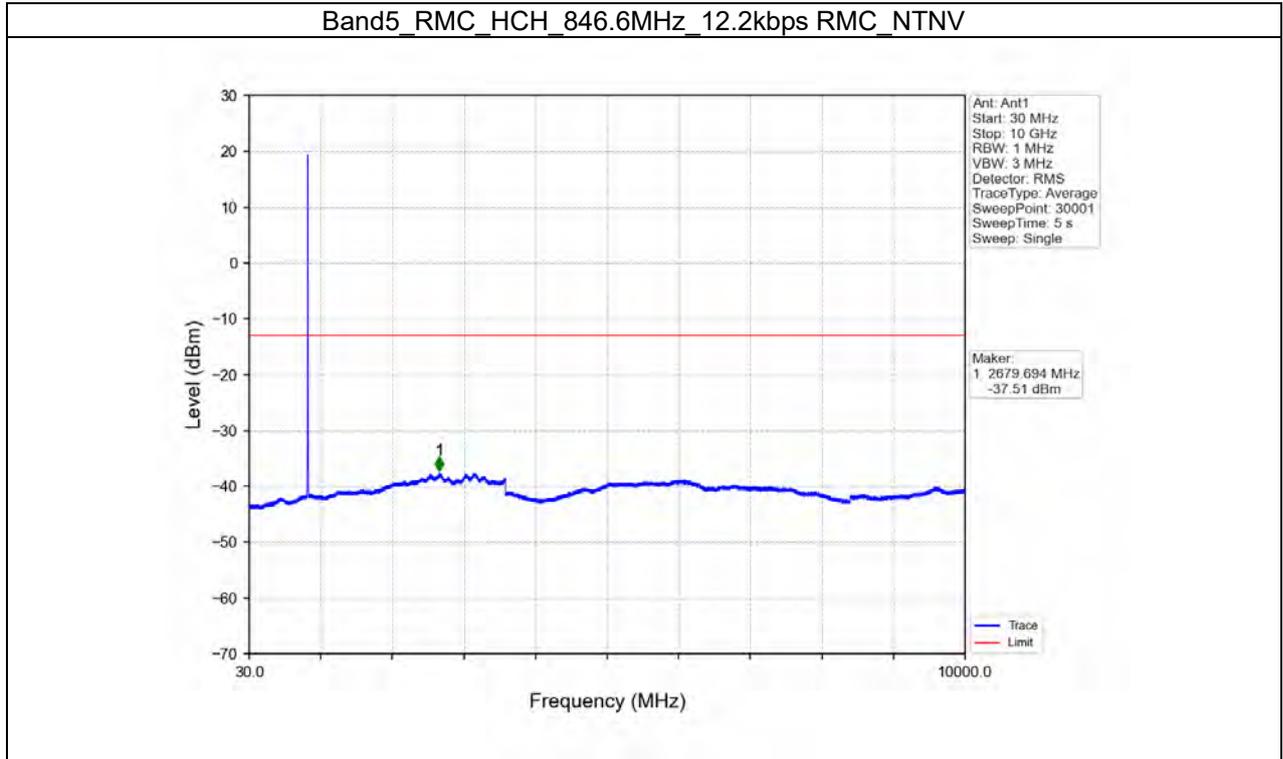
Band5\_RMC\_HCH\_846.6MHz\_12.2kbps RMC\_NTNV





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Test Report No.: W7L-P21100027RF14

LTE BAND5

FREQUENCY STABILITY

B5\_1.4MHZ

TEST RESULT

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	-1.70	-0.00	-2.5 to 2.5	Pass
					3.85	-0.13	-0.00	-2.5 to 2.5	Pass
					4.43	-0.47	-0.00	-2.5 to 2.5	Pass
				-30	3.85	1.27	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.56	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.20	0.00	-2.5 to 2.5	Pass
				0	3.85	3.83	0.00	-2.5 to 2.5	Pass
				10	3.85	2.07	0.00	-2.5 to 2.5	Pass
				30	3.85	2.56	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
	50	3.85	0.24	0.00	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.27	-0.77	-0.00	-2.5 to 2.5	Pass
					3.85	-6.61	-0.01	-2.5 to 2.5	Pass
					4.43	-1.87	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.53	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.28	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.60	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.36	-0.01	-2.5 to 2.5	Pass
	50	3.85	-2.63	-0.00	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	3.65	0.00	-2.5 to 2.5	Pass
					3.85	-1.82	-0.00	-2.5 to 2.5	Pass
					4.43	-4.22	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-5.14	-0.01	-2.5 to 2.5	Pass
				-20	3.85	0.73	0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.36	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.12	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
30				3.85	-2.85	-0.00	-2.5 to 2.5	Pass	
40				3.85	-0.54	-0.00	-2.5 to 2.5	Pass	
50	3.85	-3.20	-0.00	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.27	-0.80	-0.00	-2.5 to 2.5	Pass
					3.85	1.45	0.00	-2.5 to 2.5	Pass
					4.43	1.90	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.37	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.12	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-0.61	-0.00	-2.5 to 2.5	Pass
0	3.85	-1.90	-0.00	-2.5 to 2.5	Pass				



**BUREAU  
VERITAS**

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64QAM	836.5	6	0	10	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.77	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.05	-0.00	-2.5 to 2.5	Pass
				50	3.85	6.75	0.01	-2.5 to 2.5	Pass
				20	3.27	-4.42	-0.01	-2.5 to 2.5	Pass
					3.85	-1.14	-0.00	-2.5 to 2.5	Pass
					4.43	0.81	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.52	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.47	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.86	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.01	0.00	-2.5 to 2.5	Pass
	30	3.85	-0.41	-0.00	-2.5 to 2.5	Pass			
	40	3.85	-2.39	-0.00	-2.5 to 2.5	Pass			
	50	3.85	-1.37	-0.00	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.27	-3.13	-0.00	-2.5 to 2.5	Pass
					3.85	-4.49	-0.01	-2.5 to 2.5	Pass
					4.43	-1.93	-0.00	-2.5 to 2.5	Pass
				-30	3.85	3.30	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.47	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.96	0.00	-2.5 to 2.5	Pass
				0	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.65	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.65	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				824.7	6	0	20	3.27	0.86
	3.85	1.14	0.00					-2.5 to 2.5	Pass
	4.43	-3.58	-0.00					-2.5 to 2.5	Pass
	-30	3.85	-2.83				-0.00	-2.5 to 2.5	Pass
	-20	3.85	0.47				0.00	-2.5 to 2.5	Pass
	-10	3.85	0.96				0.00	-2.5 to 2.5	Pass
	0	3.85	-3.33				-0.00	-2.5 to 2.5	Pass
10	3.85	-1.65	-0.00				-2.5 to 2.5	Pass	
30	3.85	-0.83	-0.00				-2.5 to 2.5	Pass	
40	3.85	-5.76	-0.01				-2.5 to 2.5	Pass	
50	3.85	-0.26	-0.00				-2.5 to 2.5	Pass	
836.5	6	0	20				3.27	-3.98	-0.00
				3.85	-4.46	-0.01	-2.5 to 2.5	Pass	
				4.43	-2.59	-0.00	-2.5 to 2.5	Pass	
			-30	3.85	-0.87	-0.00	-2.5 to 2.5	Pass	
			-20	3.85	-1.12	-0.00	-2.5 to 2.5	Pass	
			-10	3.85	-3.85	-0.00	-2.5 to 2.5	Pass	
			0	3.85	-2.55	-0.00	-2.5 to 2.5	Pass	
			10	3.85	-3.56	-0.00	-2.5 to 2.5	Pass	
			30	3.85	-11.82	-0.01	-2.5 to 2.5	Pass	
			40	3.85	-6.21	-0.01	-2.5 to 2.5	Pass	
			50	3.85	-0.87	-0.00	-2.5 to 2.5	Pass	
			848.3	6	0	20	3.27	-6.14	-0.01
3.85	-3.82	-0.00					-2.5 to 2.5	Pass	
4.43	-1.60	-0.00					-2.5 to 2.5	Pass	
-30	3.85	-0.64				-0.00	-2.5 to 2.5	Pass	
-20	3.85	-2.42				-0.00	-2.5 to 2.5	Pass	



**BUREAU  
VERITAS**

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				-10	3.85	-2.16	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.41	-0.01	-2.5 to 2.5	Pass
				10	3.85	-6.08	-0.01	-2.5 to 2.5	Pass
				30	3.85	-2.93	-0.00	-2.5 to 2.5	Pass
				40	3.85	-4.63	-0.01	-2.5 to 2.5	Pass
				50	3.85	-3.82	-0.00	-2.5 to 2.5	Pass

B5\_3MHZ

**TEST RESULT**

Band: 5 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	825.5	15	0	20	3.27	-3.85	-0.00	-2.5 to 2.5	Pass	
					3.85	-0.13	-0.00	-2.5 to 2.5	Pass	
					4.43	2.06	0.00	-2.5 to 2.5	Pass	
				-30	3.85	2.93	0.00	-2.5 to 2.5	Pass	
					-20	3.85	1.22	0.00	-2.5 to 2.5	Pass
						3.85	3.33	0.00	-2.5 to 2.5	Pass
				0	3.85	2.56	0.00	-2.5 to 2.5	Pass	
					3.85	1.19	0.00	-2.5 to 2.5	Pass	
				30	3.85	2.32	0.00	-2.5 to 2.5	Pass	
					3.85	0.26	0.00	-2.5 to 2.5	Pass	
	50	3.85	1.54	0.00	-2.5 to 2.5	Pass				
	836.5	15	0	20	3.27	-1.22	-0.00	-2.5 to 2.5	Pass	
					3.85	-5.64	-0.01	-2.5 to 2.5	Pass	
					4.43	-2.72	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.62	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
						3.85	-3.92	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.77	-0.00	-2.5 to 2.5	Pass	
					3.85	-1.33	-0.00	-2.5 to 2.5	Pass	
				30	3.85	-3.68	-0.00	-2.5 to 2.5	Pass	
					3.85	-5.98	-0.01	-2.5 to 2.5	Pass	
	50	3.85	0.11	0.00	-2.5 to 2.5	Pass				
	847.5	15	0	20	3.27	-1.89	-0.00	-2.5 to 2.5	Pass	
					3.85	-4.95	-0.01	-2.5 to 2.5	Pass	
					4.43	-3.06	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-1.13	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-1.40	-0.00	-2.5 to 2.5	Pass
						3.85	-2.98	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.98	-0.00	-2.5 to 2.5	Pass	
					3.85	-3.18	-0.00	-2.5 to 2.5	Pass	
30				3.85	-2.58	-0.00	-2.5 to 2.5	Pass		
				3.85	-3.85	-0.00	-2.5 to 2.5	Pass		
50	3.85	-3.28	-0.00	-2.5 to 2.5	Pass					
16QAM	825.5	15	0	20	3.27	0.53	0.00	-2.5 to 2.5	Pass	
					3.85	2.03	0.00	-2.5 to 2.5	Pass	
					4.43	0.94	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-0.17	-0.00	-2.5 to 2.5	Pass	
					3.85	0.77	0.00	-2.5 to 2.5	Pass	
				-10	3.85	1.49	0.00	-2.5 to 2.5	Pass	



**BUREAU  
VERITAS**

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				0	3.85	-0.40	-0.00	-2.5 to 2.5	Pass				
				10	3.85	-0.86	-0.00	-2.5 to 2.5	Pass				
				30	3.85	-3.15	-0.00	-2.5 to 2.5	Pass				
				40	3.85	-1.12	-0.00	-2.5 to 2.5	Pass				
				50	3.85	-0.94	-0.00	-2.5 to 2.5	Pass				
	836.5	15	0	20	3.27	-1.39	-0.00	-2.5 to 2.5	Pass				
					3.85	-1.95	-0.00	-2.5 to 2.5	Pass				
					4.43	-2.03	-0.00	-2.5 to 2.5	Pass				
				-30	3.85	-4.00	-0.00	-2.5 to 2.5	Pass				
				-20	3.85	-3.02	-0.00	-2.5 to 2.5	Pass				
				-10	3.85	-2.59	-0.00	-2.5 to 2.5	Pass				
				0	3.85	0.17	0.00	-2.5 to 2.5	Pass				
				10	3.85	-2.06	-0.00	-2.5 to 2.5	Pass				
				30	3.85	-0.34	-0.00	-2.5 to 2.5	Pass				
				40	3.85	-4.55	-0.01	-2.5 to 2.5	Pass				
				50	3.85	-3.55	-0.00	-2.5 to 2.5	Pass				
				847.5	15	0	20	3.27	-4.91	-0.01	-2.5 to 2.5	Pass	
								3.85	-5.88	-0.01	-2.5 to 2.5	Pass	
	4.43	-6.65	-0.01					-2.5 to 2.5	Pass				
	-30	3.85	-2.85				-0.00	-2.5 to 2.5	Pass				
	-20	3.85	-4.96				-0.01	-2.5 to 2.5	Pass				
	-10	3.85	-4.08				-0.00	-2.5 to 2.5	Pass				
	0	3.85	-3.83				-0.00	-2.5 to 2.5	Pass				
	10	3.85	-2.56				-0.00	-2.5 to 2.5	Pass				
	30	3.85	-5.96				-0.01	-2.5 to 2.5	Pass				
	40	3.85	-2.07				-0.00	-2.5 to 2.5	Pass				
	50	3.85	-4.09				-0.00	-2.5 to 2.5	Pass				
	64QAM	825.5	15				0	20	3.27	-2.29	-0.00	-2.5 to 2.5	Pass
									3.85	-1.17	-0.00	-2.5 to 2.5	Pass
				4.43	-3.08	-0.00			-2.5 to 2.5	Pass			
				-30	3.85	-2.10		-0.00	-2.5 to 2.5	Pass			
				-20	3.85	0.53		0.00	-2.5 to 2.5	Pass			
				-10	3.85	0.32		0.00	-2.5 to 2.5	Pass			
0				3.85	-2.67	-0.00		-2.5 to 2.5	Pass				
10				3.85	-3.76	-0.00		-2.5 to 2.5	Pass				
30				3.85	-3.79	-0.00		-2.5 to 2.5	Pass				
40				3.85	-5.78	-0.01		-2.5 to 2.5	Pass				
50				3.85	-2.25	-0.00		-2.5 to 2.5	Pass				
836.5				15	0	20		3.27	-2.03	-0.00	-2.5 to 2.5	Pass	
								3.85	-2.32	-0.00	-2.5 to 2.5	Pass	
		4.43	-1.69				-0.00	-2.5 to 2.5	Pass				
		-30	3.85			-3.15	-0.00	-2.5 to 2.5	Pass				
		-20	3.85			-3.08	-0.00	-2.5 to 2.5	Pass				
		-10	3.85			-2.85	-0.00	-2.5 to 2.5	Pass				
		0	3.85			-4.16	-0.01	-2.5 to 2.5	Pass				
		10	3.85			-5.01	-0.01	-2.5 to 2.5	Pass				
		30	3.85			-5.12	-0.01	-2.5 to 2.5	Pass				
		40	3.85			-4.51	-0.01	-2.5 to 2.5	Pass				
		50	3.85			-6.67	-0.01	-2.5 to 2.5	Pass				
		847.5	15			0	20	3.27	-4.48	-0.01	-2.5 to 2.5	Pass	
								3.85	-1.25	-0.00	-2.5 to 2.5	Pass	
4.43				-2.32	-0.00			-2.5 to 2.5	Pass				
-30				3.85	-6.67		-0.01	-2.5 to 2.5	Pass				



**BUREAU  
VERITAS**

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				-20	3.85	-3.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.72	-0.01	-2.5 to 2.5	Pass
				0	3.85	-2.30	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.32	-0.01	-2.5 to 2.5	Pass
				30	3.85	-7.02	-0.01	-2.5 to 2.5	Pass
				40	3.85	-2.75	-0.00	-2.5 to 2.5	Pass
				50	3.85	-6.82	-0.01	-2.5 to 2.5	Pass

B5\_5MHZ

**TEST RESULT**

Band: 5 / Bandwidth: 5MHz																
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict							
		Size	Offset				Result	Limit								
QPSK	826.5	25	0	20	3.27	-4.33	-0.01	-2.5 to 2.5	Pass							
					3.85	-3.86	-0.00	-2.5 to 2.5	Pass							
					4.43	-3.25	-0.00	-2.5 to 2.5	Pass							
				836.5	25	0	20	3.85	-2.66	-0.00	-2.5 to 2.5	Pass				
								-20	3.85	-0.92	-0.00	-2.5 to 2.5	Pass			
								-10	3.85	-3.03	-0.00	-2.5 to 2.5	Pass			
							846.5	25	0	0	3.85	-2.15	-0.00	-2.5 to 2.5	Pass	
											10	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
											30	3.85	-6.70	-0.01	-2.5 to 2.5	Pass
	826.5	25	0							40	3.85	-4.39	-0.01	-2.5 to 2.5	Pass	
											50	3.85	-0.47	-0.00	-2.5 to 2.5	Pass
											20	3.27	-3.16	-0.00	-2.5 to 2.5	Pass
				836.5	25	0				20	3.85	-4.33	-0.01	-2.5 to 2.5	Pass	
											4.43	-1.80	-0.00	-2.5 to 2.5	Pass	
											-30	3.85	-2.33	-0.00	-2.5 to 2.5	Pass
							846.5	25	0	-20	3.85	-0.83	-0.00	-2.5 to 2.5	Pass	
											-10	3.85	-2.38	-0.00	-2.5 to 2.5	Pass
											0	3.85	-2.67	-0.00	-2.5 to 2.5	Pass
	826.5	25	0							10	3.85	-1.52	-0.00	-2.5 to 2.5	Pass	
											30	3.85	-1.47	-0.00	-2.5 to 2.5	Pass
											40	3.85	-1.96	-0.00	-2.5 to 2.5	Pass
				826.5	25	0				50	3.85	-2.17	-0.00	-2.5 to 2.5	Pass	
											20	3.27	-13.52	-0.02	-2.5 to 2.5	Pass
											3.85	-6.92	-0.01	-2.5 to 2.5	Pass	
							826.5	25	0	20	4.43	-1.39	-0.00	-2.5 to 2.5	Pass	
											-30	3.85	-5.76	-0.01	-2.5 to 2.5	Pass
											-20	3.85	-7.09	-0.01	-2.5 to 2.5	Pass
826.5	25	0	-10							3.85	-5.35	-0.01	-2.5 to 2.5	Pass		
										0	3.85	-4.56	-0.01	-2.5 to 2.5	Pass	
										10	3.85	-3.40	-0.00	-2.5 to 2.5	Pass	
			826.5	25	0	30				3.85	-1.76	-0.00	-2.5 to 2.5	Pass		
										40	3.85	-0.84	-0.00	-2.5 to 2.5	Pass	
										50	3.85	-1.53	-0.00	-2.5 to 2.5	Pass	
						16QAM	826.5	25	0	20	3.27	-1.70	-0.00	-2.5 to 2.5	Pass	
											3.85	-2.45	-0.00	-2.5 to 2.5	Pass	
											4.43	-1.83	-0.00	-2.5 to 2.5	Pass	
826.5	25	0								-30	3.85	-1.20	-0.00	-2.5 to 2.5	Pass	
											-20	3.85	-3.39	-0.00	-2.5 to 2.5	Pass



**BUREAU  
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64QAM	836.5	25	0	-10	3.85	-4.18	-0.01	-2.5 to 2.5	Pass		
				0	3.85	-0.06	-0.00	-2.5 to 2.5	Pass		
				10	3.85	-1.36	-0.00	-2.5 to 2.5	Pass		
				30	3.85	-1.60	-0.00	-2.5 to 2.5	Pass		
				40	3.85	-1.03	-0.00	-2.5 to 2.5	Pass		
				50	3.85	-1.36	-0.00	-2.5 to 2.5	Pass		
	836.5	25	0	20	3.27	-1.07	-0.00	-2.5 to 2.5	Pass		
					3.85	-2.22	-0.00	-2.5 to 2.5	Pass		
					4.43	-1.97	-0.00	-2.5 to 2.5	Pass		
				-30	3.85	-3.29	-0.00	-2.5 to 2.5	Pass		
				-20	3.85	-1.83	-0.00	-2.5 to 2.5	Pass		
				-10	3.85	-3.76	-0.00	-2.5 to 2.5	Pass		
				0	3.85	-3.10	-0.00	-2.5 to 2.5	Pass		
				10	3.85	-2.12	-0.00	-2.5 to 2.5	Pass		
				30	3.85	-2.46	-0.00	-2.5 to 2.5	Pass		
				40	3.85	-5.78	-0.01	-2.5 to 2.5	Pass		
				50	3.85	-3.56	-0.00	-2.5 to 2.5	Pass		
				846.5	25	0	20	3.27	-1.69	-0.00	-2.5 to 2.5
	3.85	-4.99	-0.01					-2.5 to 2.5	Pass		
	4.43	-4.85	-0.01					-2.5 to 2.5	Pass		
	-30	3.85	-4.41				-0.01	-2.5 to 2.5	Pass		
	-20	3.85	-1.53				-0.00	-2.5 to 2.5	Pass		
	-10	3.85	-1.10				-0.00	-2.5 to 2.5	Pass		
	0	3.85	-2.46				-0.00	-2.5 to 2.5	Pass		
	10	3.85	-3.02				-0.00	-2.5 to 2.5	Pass		
	30	3.85	-1.62				-0.00	-2.5 to 2.5	Pass		
	40	3.85	-3.81				-0.00	-2.5 to 2.5	Pass		
	50	3.85	-4.61				-0.01	-2.5 to 2.5	Pass		
	826.5	25	0				20	3.27	-2.32	-0.00	-2.5 to 2.5
				3.85	-0.01	0.00		-2.5 to 2.5	Pass		
				4.43	-1.39	-0.00		-2.5 to 2.5	Pass		
				-30	3.85	-4.61	-0.01	-2.5 to 2.5	Pass		
				-20	3.85	0.44	0.00	-2.5 to 2.5	Pass		
				-10	3.85	-3.18	-0.00	-2.5 to 2.5	Pass		
				0	3.85	-0.23	-0.00	-2.5 to 2.5	Pass		
				10	3.85	-4.09	-0.00	-2.5 to 2.5	Pass		
30				3.85	-2.15	-0.00	-2.5 to 2.5	Pass			
40				3.85	-3.92	-0.00	-2.5 to 2.5	Pass			
50				3.85	-1.70	-0.00	-2.5 to 2.5	Pass			
836.5				25	0	20	3.27	-1.79	-0.00	-2.5 to 2.5	Pass
							3.85	0.00	0.00	-2.5 to 2.5	Pass
							4.43	-0.90	-0.00	-2.5 to 2.5	Pass
						-30	3.85	-1.56	-0.00	-2.5 to 2.5	Pass
						-20	3.85	-1.03	-0.00	-2.5 to 2.5	Pass
						-10	3.85	-4.02	-0.00	-2.5 to 2.5	Pass
						0	3.85	-3.15	-0.00	-2.5 to 2.5	Pass
	10	3.85	-2.72			-0.00	-2.5 to 2.5	Pass			
	30	3.85	-0.67			-0.00	-2.5 to 2.5	Pass			
40	3.85	-4.09	-0.00	-2.5 to 2.5	Pass						
50	3.85	-4.48	-0.01	-2.5 to 2.5	Pass						
846.5	25	0	20	3.27	-1.00	-0.00	-2.5 to 2.5	Pass			
				3.85	-2.15	-0.00	-2.5 to 2.5	Pass			
				4.43	-5.72	-0.01	-2.5 to 2.5	Pass			



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				-30	3.85	-2.05	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.48	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.13	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.88	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.82	-0.00	-2.5 to 2.5	Pass
				30	3.85	-4.54	-0.01	-2.5 to 2.5	Pass
				40	3.85	-4.06	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.45	-0.00	-2.5 to 2.5	Pass

B5\_10MHZ

**TEST RESULT**

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-3.73	-0.00	-2.5 to 2.5	Pass
					3.85	-2.25	-0.00	-2.5 to 2.5	Pass
					4.43	-3.88	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.89	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.12	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.49	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.00	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.11	-0.01	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-3.53	-0.00	-2.5 to 2.5	Pass
					3.85	-4.81	-0.01	-2.5 to 2.5	Pass
					4.43	-3.90	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.13	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.80	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.28	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.98	-0.00	-2.5 to 2.5	Pass
	50	3.85	-2.56	-0.00	-2.5 to 2.5	Pass			
	844	50	0	20	3.27	-0.89	-0.00	-2.5 to 2.5	Pass
					3.85	-4.09	-0.00	-2.5 to 2.5	Pass
					4.43	-3.90	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.04	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.06	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.15	-0.01	-2.5 to 2.5	Pass
				0	3.85	-5.26	-0.01	-2.5 to 2.5	Pass
				10	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
30				3.85	-3.89	-0.00	-2.5 to 2.5	Pass	
40				3.85	-2.36	-0.00	-2.5 to 2.5	Pass	
50	3.85	-2.76	-0.00	-2.5 to 2.5	Pass				
16QAM	829	50	0	20	3.27	-0.77	-0.00	-2.5 to 2.5	Pass
					3.85	-2.09	-0.00	-2.5 to 2.5	Pass
					4.43	-2.76	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.06	-0.00	-2.5 to 2.5	Pass



**BUREAU  
VERITAS**

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				-20	3.85	-3.33	-0.00	-2.5 to 2.5	Pass			
				-10	3.85	-4.31	-0.01	-2.5 to 2.5	Pass			
				0	3.85	-2.88	-0.00	-2.5 to 2.5	Pass			
				10	3.85	-3.38	-0.00	-2.5 to 2.5	Pass			
				30	3.85	-2.17	-0.00	-2.5 to 2.5	Pass			
				40	3.85	-0.39	-0.00	-2.5 to 2.5	Pass			
				50	3.85	-2.32	-0.00	-2.5 to 2.5	Pass			
	836.5	50	0	20	3.27	-0.67	-0.00	-2.5 to 2.5	Pass			
					3.85	-2.83	-0.00	-2.5 to 2.5	Pass			
					4.43	-2.36	-0.00	-2.5 to 2.5	Pass			
				-30	3.85	-3.42	-0.00	-2.5 to 2.5	Pass			
				-20	3.85	-6.07	-0.01	-2.5 to 2.5	Pass			
				-10	3.85	-5.16	-0.01	-2.5 to 2.5	Pass			
				0	3.85	-2.98	-0.00	-2.5 to 2.5	Pass			
				10	3.85	-2.42	-0.00	-2.5 to 2.5	Pass			
				30	3.85	-2.43	-0.00	-2.5 to 2.5	Pass			
				40	3.85	-1.80	-0.00	-2.5 to 2.5	Pass			
				50	3.85	-3.38	-0.00	-2.5 to 2.5	Pass			
				844	50	0	20	3.27	-1.04	-0.00	-2.5 to 2.5	Pass
								3.85	-6.22	-0.01	-2.5 to 2.5	Pass
								4.43	-6.25	-0.01	-2.5 to 2.5	Pass
	-30	3.85	-2.05				-0.00	-2.5 to 2.5	Pass			
	-20	3.85	-0.80				-0.00	-2.5 to 2.5	Pass			
	-10	3.85	-2.72				-0.00	-2.5 to 2.5	Pass			
	0	3.85	-3.99				-0.00	-2.5 to 2.5	Pass			
	10	3.85	-4.74				-0.01	-2.5 to 2.5	Pass			
	30	3.85	-2.76				-0.00	-2.5 to 2.5	Pass			
	40	3.85	-3.96				-0.00	-2.5 to 2.5	Pass			
	50	3.85	-2.05				-0.00	-2.5 to 2.5	Pass			
	64QAM	829	50	0	20	3.27	-1.19	-0.00	-2.5 to 2.5	Pass		
						3.85	-3.59	-0.00	-2.5 to 2.5	Pass		
						4.43	-3.65	-0.00	-2.5 to 2.5	Pass		
					-30	3.85	-3.48	-0.00	-2.5 to 2.5	Pass		
					-20	3.85	-3.40	-0.00	-2.5 to 2.5	Pass		
					-10	3.85	-1.63	-0.00	-2.5 to 2.5	Pass		
					0	3.85	-3.39	-0.00	-2.5 to 2.5	Pass		
10					3.85	-2.22	-0.00	-2.5 to 2.5	Pass			
30					3.85	-3.43	-0.00	-2.5 to 2.5	Pass			
40					3.85	-3.75	-0.00	-2.5 to 2.5	Pass			
50					3.85	-3.65	-0.00	-2.5 to 2.5	Pass			
836.5		50	0	20	3.27	-1.59	-0.00	-2.5 to 2.5	Pass			
					3.85	-2.88	-0.00	-2.5 to 2.5	Pass			
					4.43	-0.16	-0.00	-2.5 to 2.5	Pass			
				-30	3.85	0.36	0.00	-2.5 to 2.5	Pass			
				-20	3.85	-2.98	-0.00	-2.5 to 2.5	Pass			
				-10	3.85	-3.90	-0.00	-2.5 to 2.5	Pass			
				0	3.85	-4.21	-0.01	-2.5 to 2.5	Pass			
				10	3.85	-1.40	-0.00	-2.5 to 2.5	Pass			
				30	3.85	-3.53	-0.00	-2.5 to 2.5	Pass			
				40	3.85	-4.13	-0.00	-2.5 to 2.5	Pass			
				50	3.85	-4.03	-0.00	-2.5 to 2.5	Pass			
				844	50	0	20	3.27	-4.12	-0.00	-2.5 to 2.5	Pass
								3.85	-1.29	-0.00	-2.5 to 2.5	Pass



**BUREAU**  
**VERITAS**

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				4.43	-2.40	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.38	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.08	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
				0	3.85	-1.77	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.76	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.82	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.30	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.69	-0.00	-2.5 to 2.5	Pass



**99% & 26DB BANDWIDTH**

**BAND5\_OBW**

**TEST RESULT**

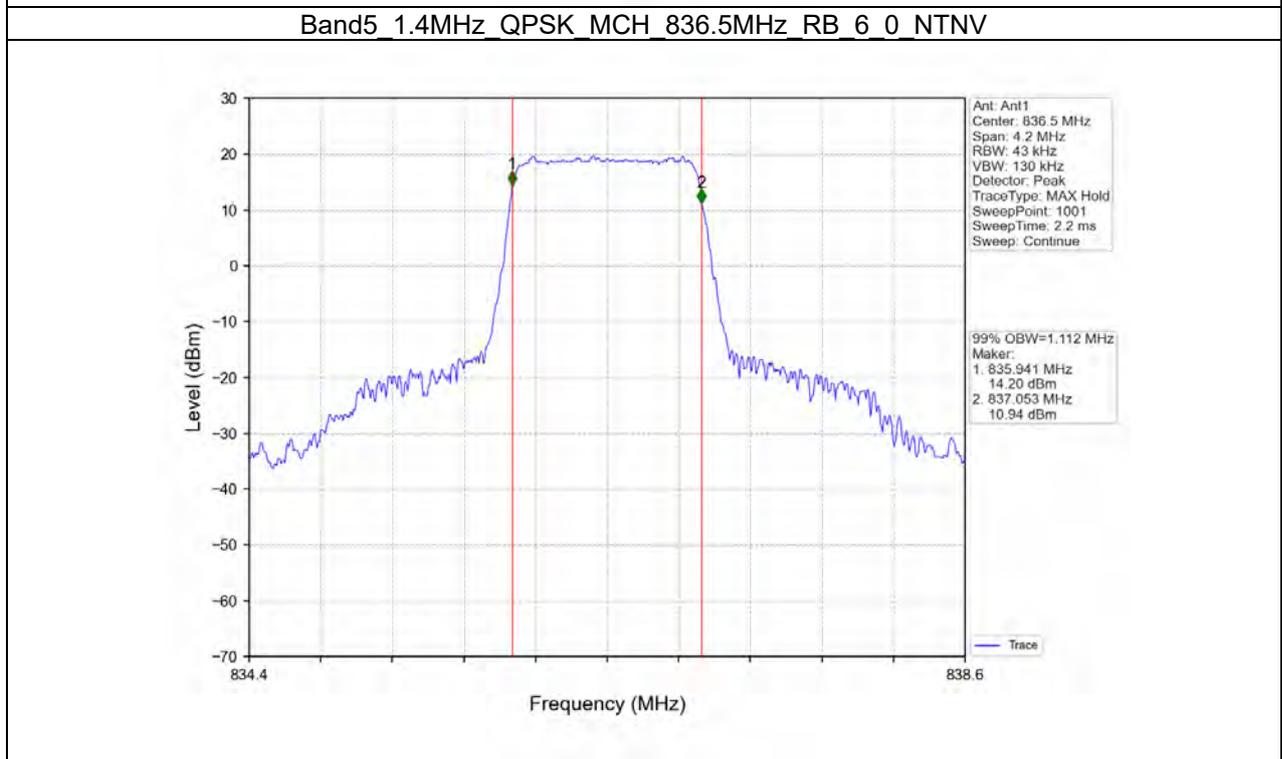
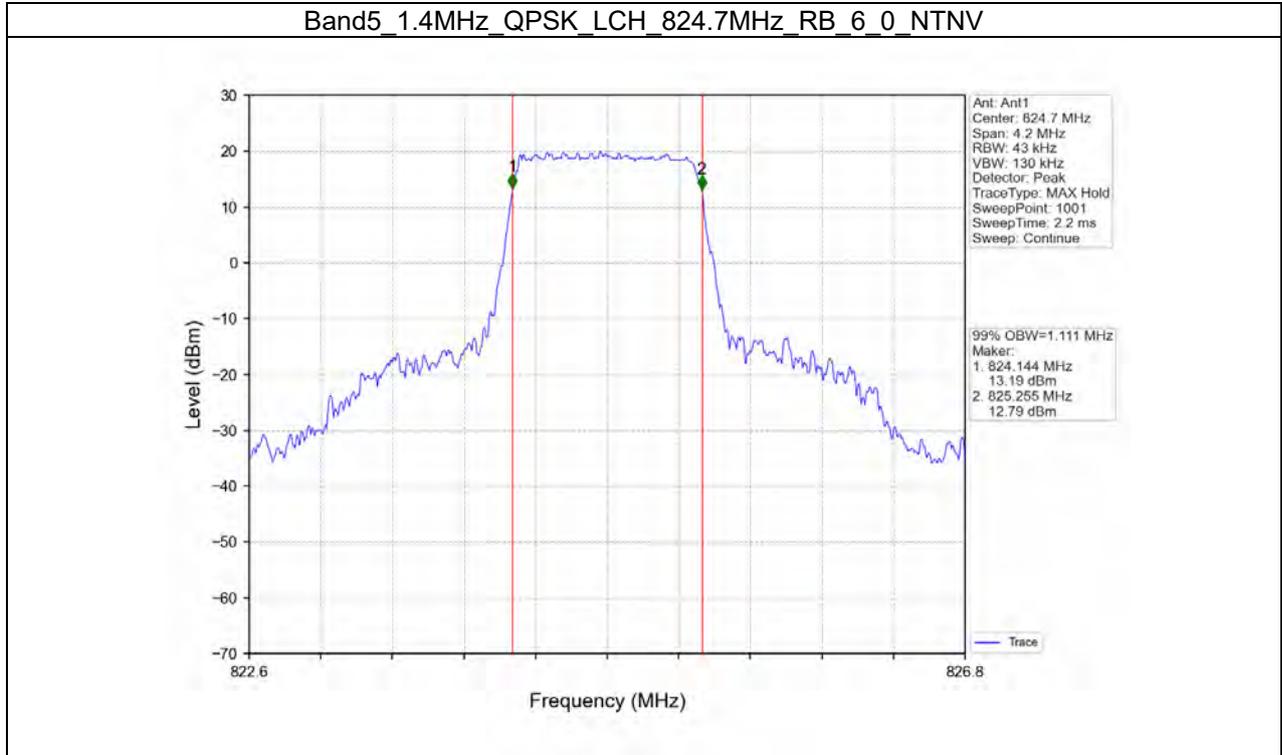
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.111	Pass
		836.5	6	0	1.112	Pass
		848.3	6	0	1.112	Pass
	16QAM	824.7	6	0	1.103	Pass
		836.5	6	0	1.118	Pass
		848.3	6	0	1.110	Pass
	64QAM	824.7	6	0	1.117	Pass
		836.5	6	0	1.116	Pass
		848.3	6	0	1.111	Pass
3	QPSK	825.5	15	0	2.726	Pass
		836.5	15	0	2.729	Pass
		847.5	15	0	2.726	Pass
	16QAM	825.5	15	0	2.741	Pass
		836.5	15	0	2.721	Pass
		847.5	15	0	2.713	Pass
	64QAM	825.5	15	0	2.730	Pass
		836.5	15	0	2.713	Pass
		847.5	15	0	2.720	Pass
5	QPSK	826.5	25	0	4.552	Pass
		836.5	25	0	4.542	Pass
		846.5	25	0	4.539	Pass
	16QAM	826.5	25	0	4.538	Pass
		836.5	25	0	4.561	Pass
		846.5	25	0	4.542	Pass
	64QAM	826.5	25	0	4.543	Pass
		836.5	25	0	4.554	Pass
		846.5	25	0	4.529	Pass
10	QPSK	829	50	0	9.049	Pass
		836.5	50	0	9.027	Pass
		844	50	0	9.020	Pass
	16QAM	829	50	0	9.064	Pass
		836.5	50	0	9.054	Pass
		844	50	0	9.024	Pass
	64QAM	829	50	0	9.068	Pass
		836.5	50	0	9.022	Pass
		844	50	0	9.056	Pass



BUREAU VERITAS

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### TEST GRAPH

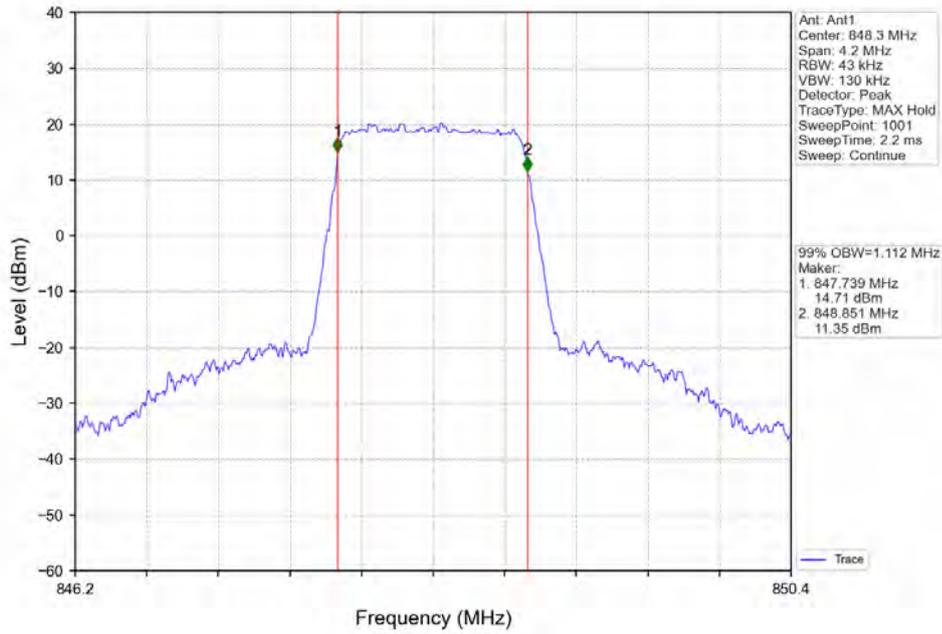




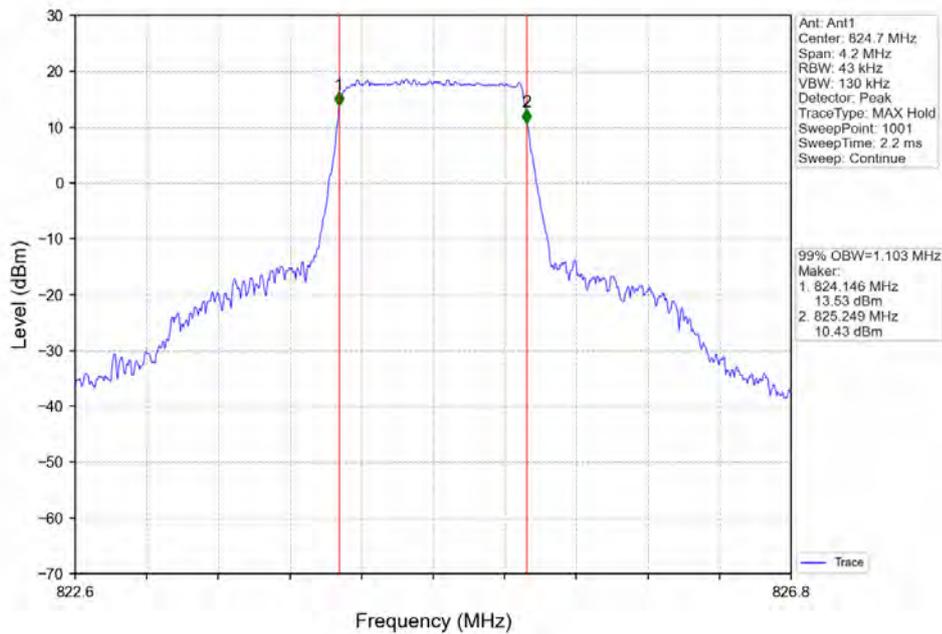
BUREAU  
VERITAS

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Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

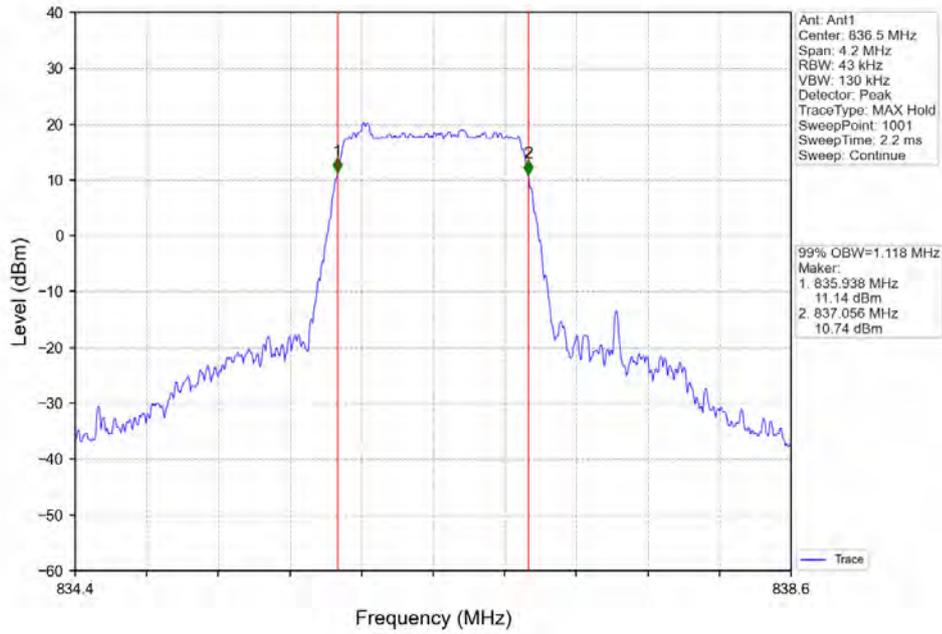




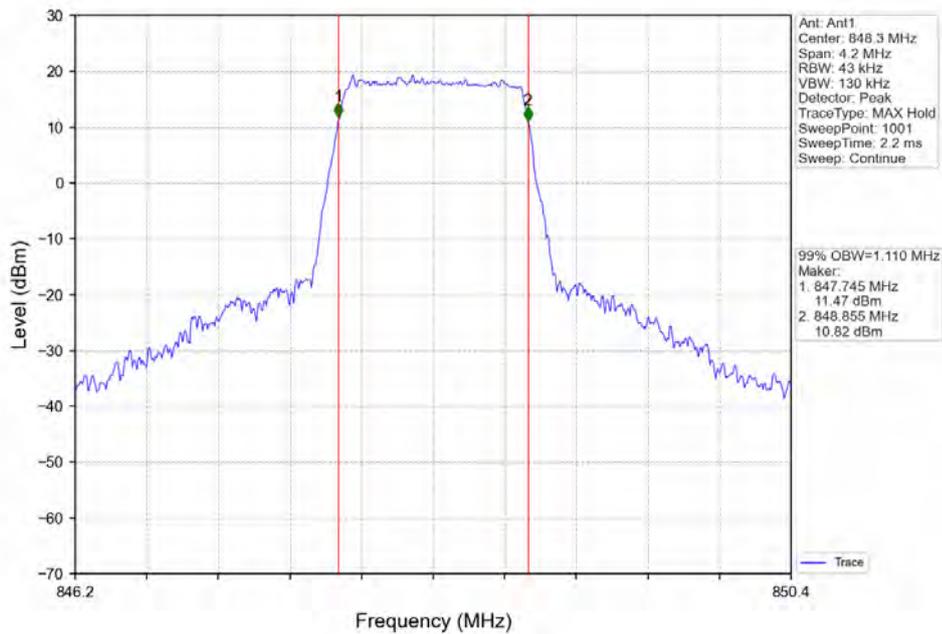
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

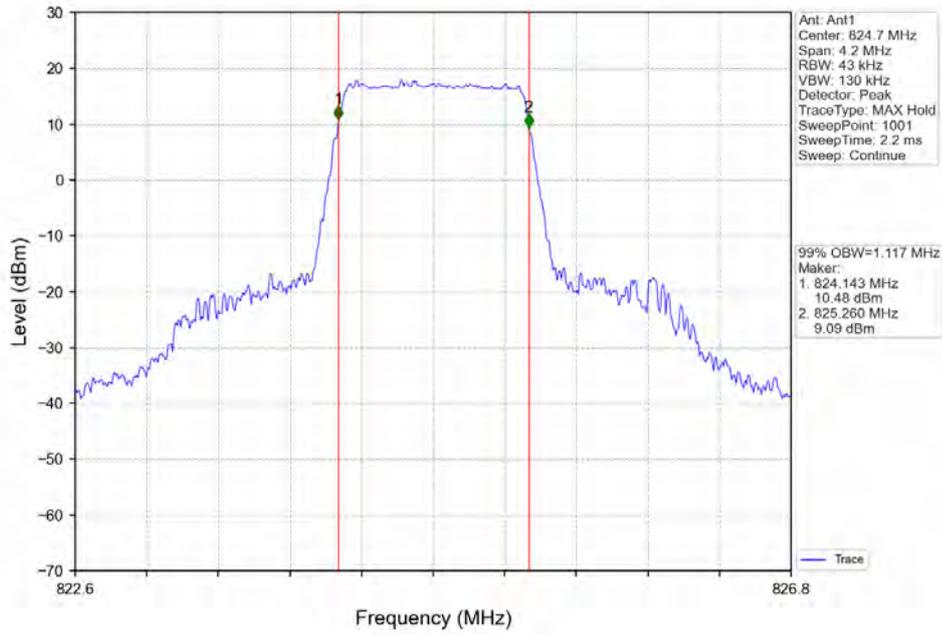




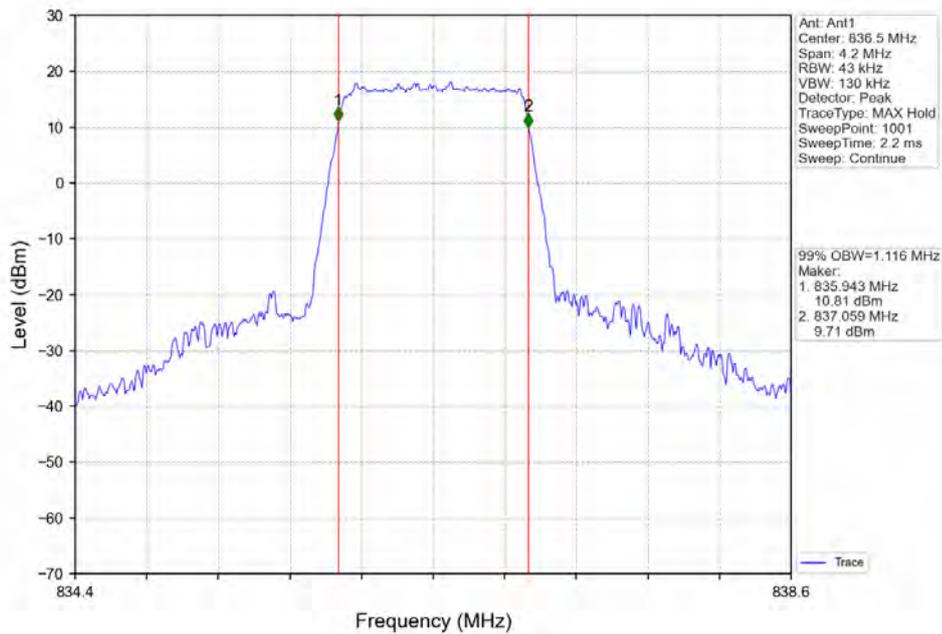
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_64QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

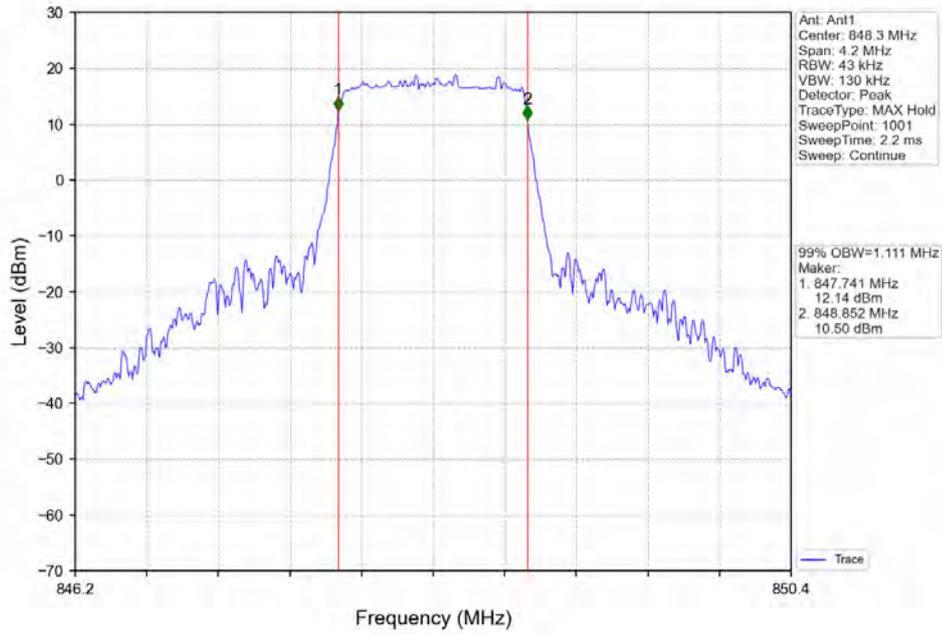




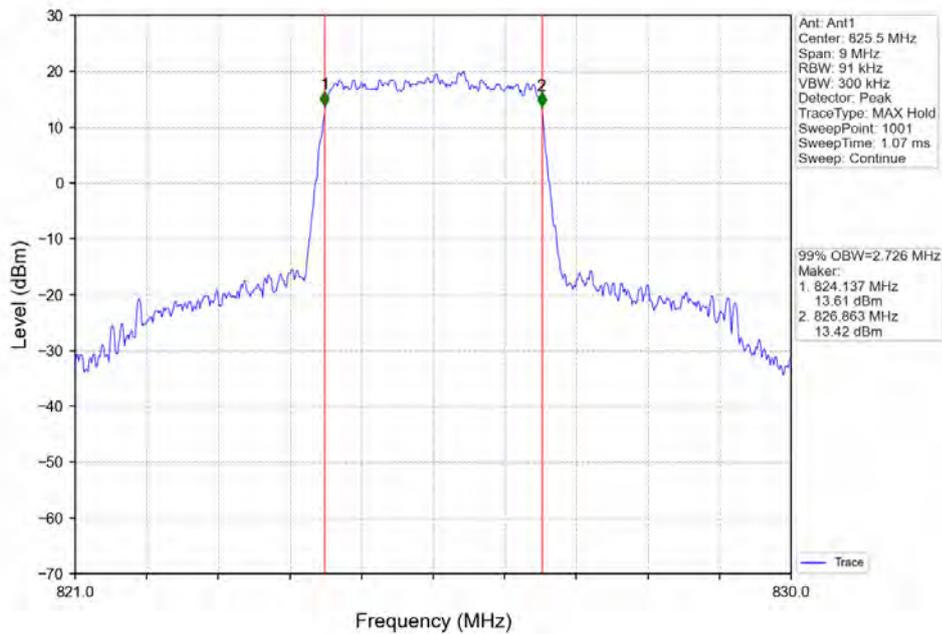
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

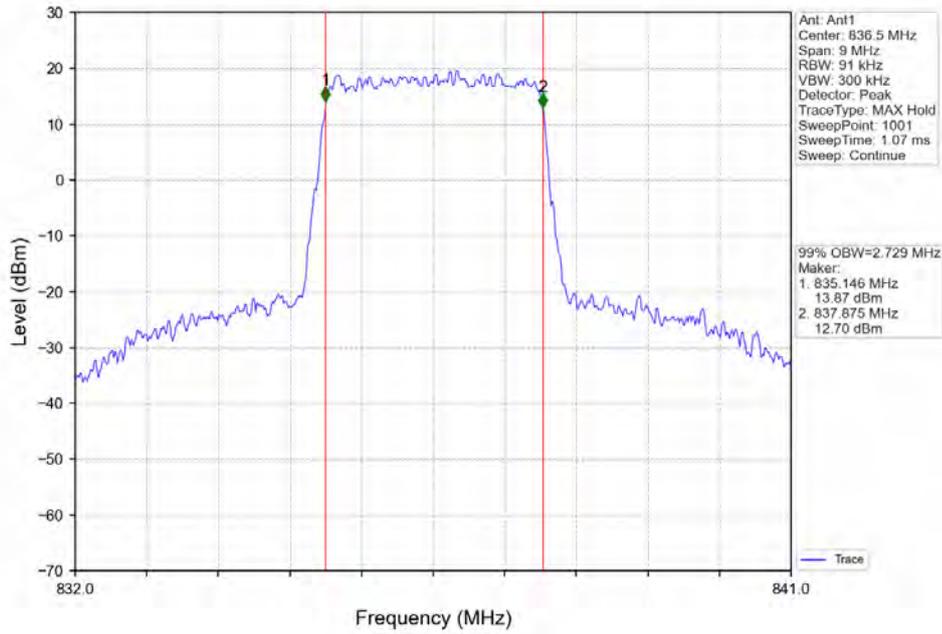




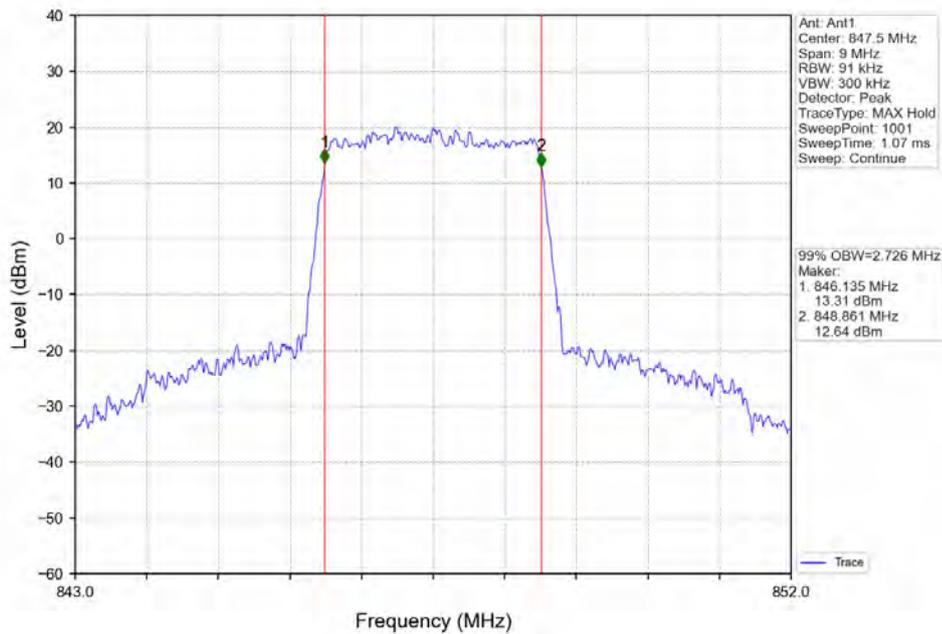
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

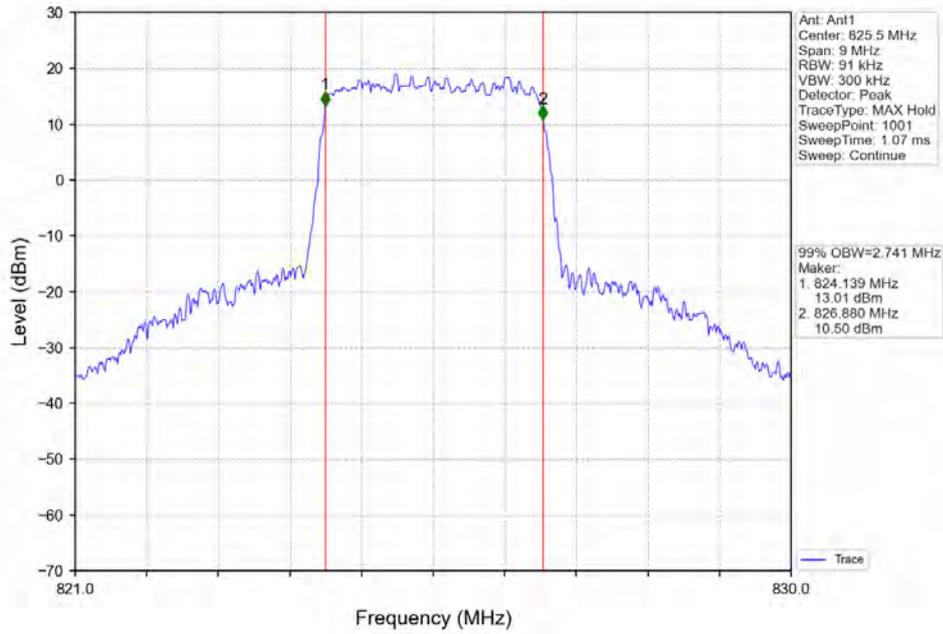




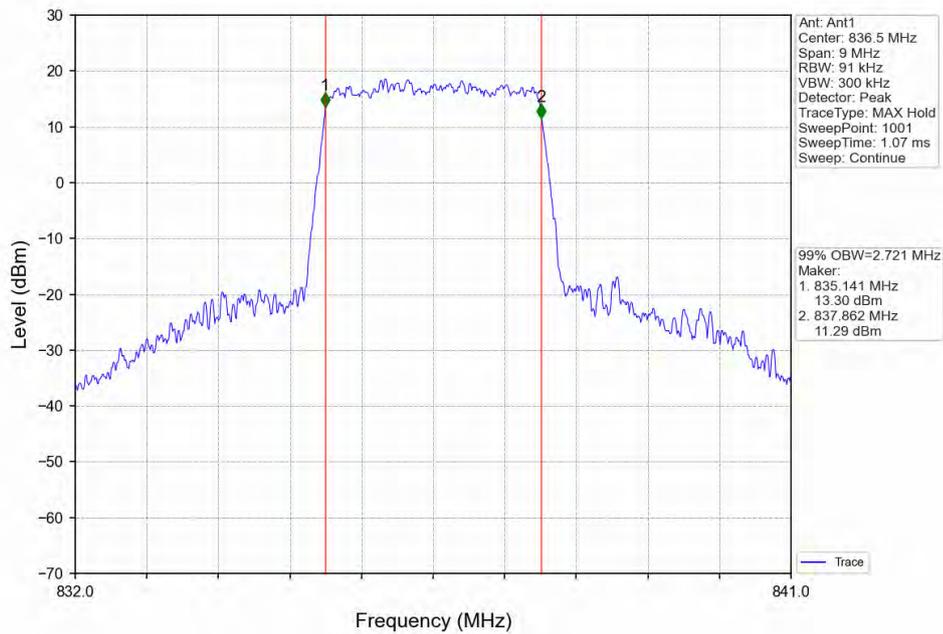
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

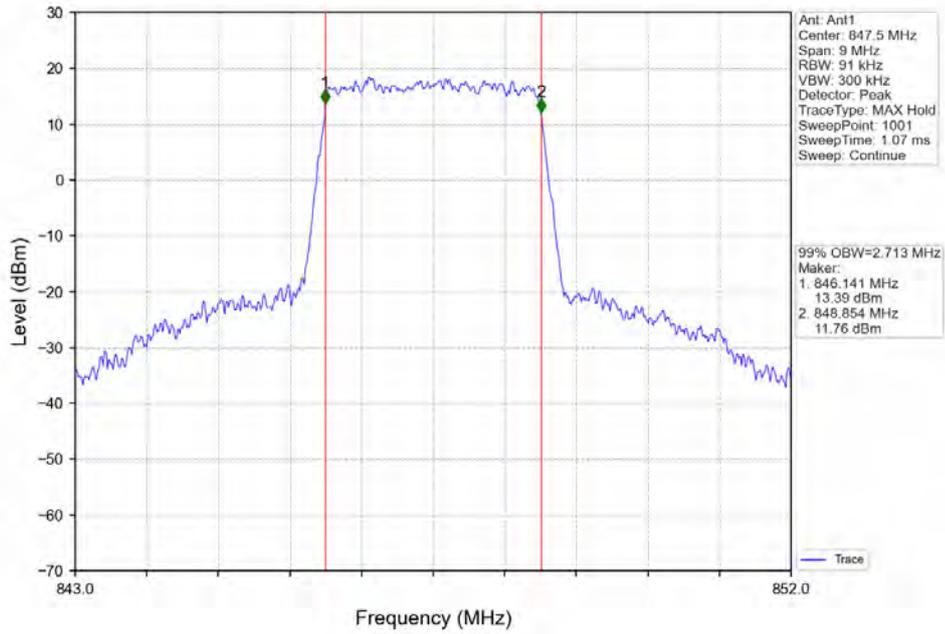




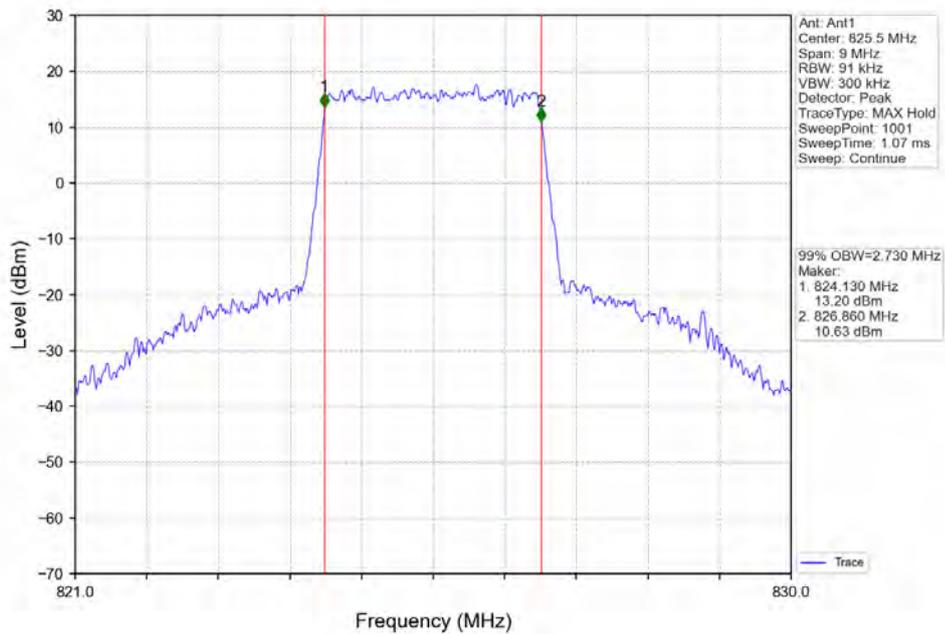
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

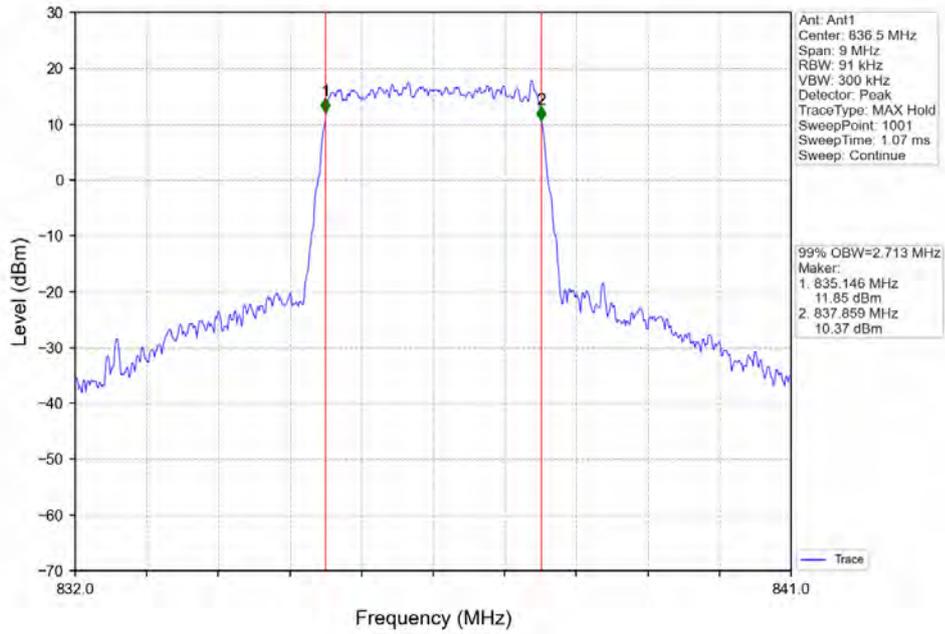




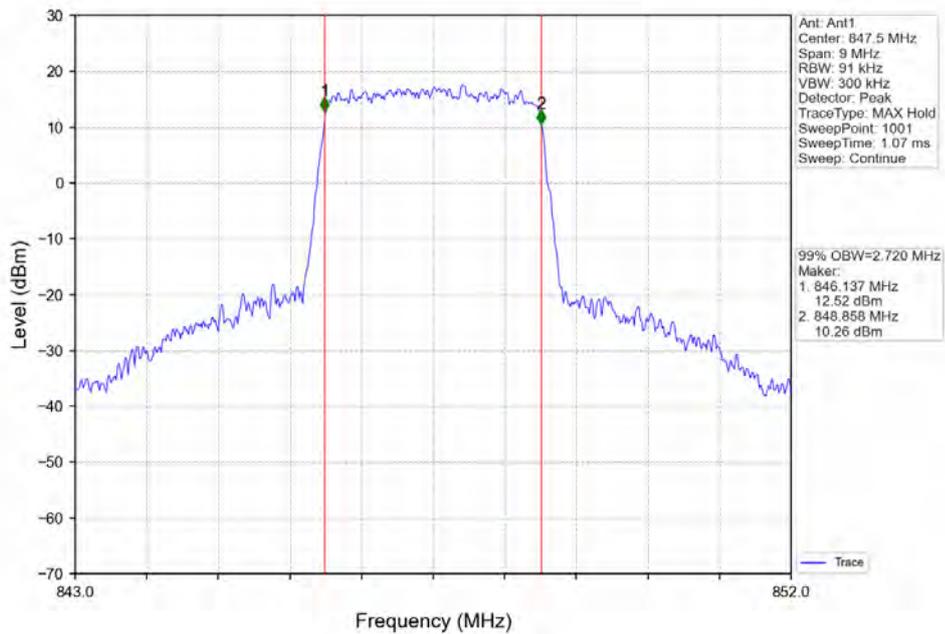
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_64QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

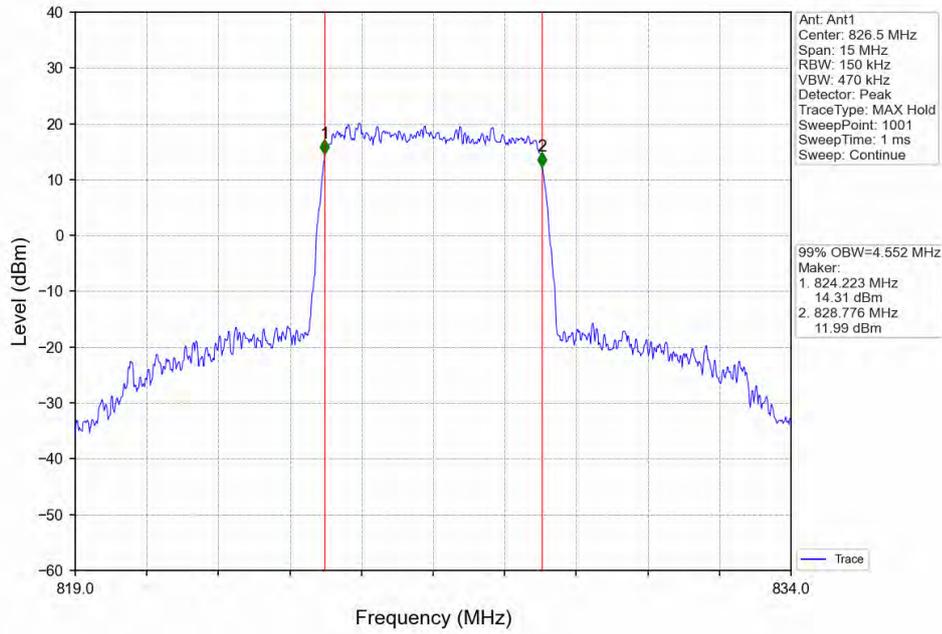




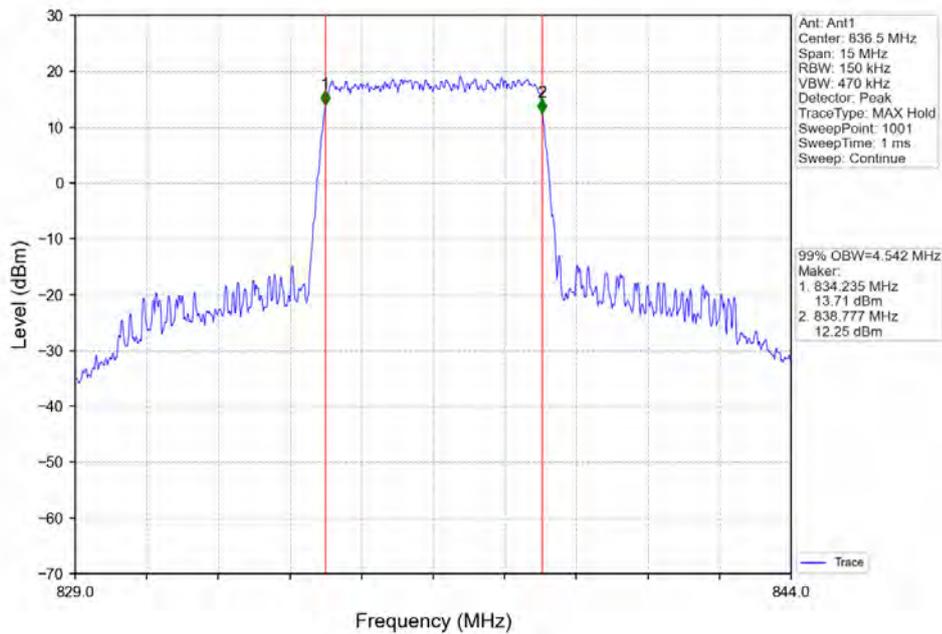
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

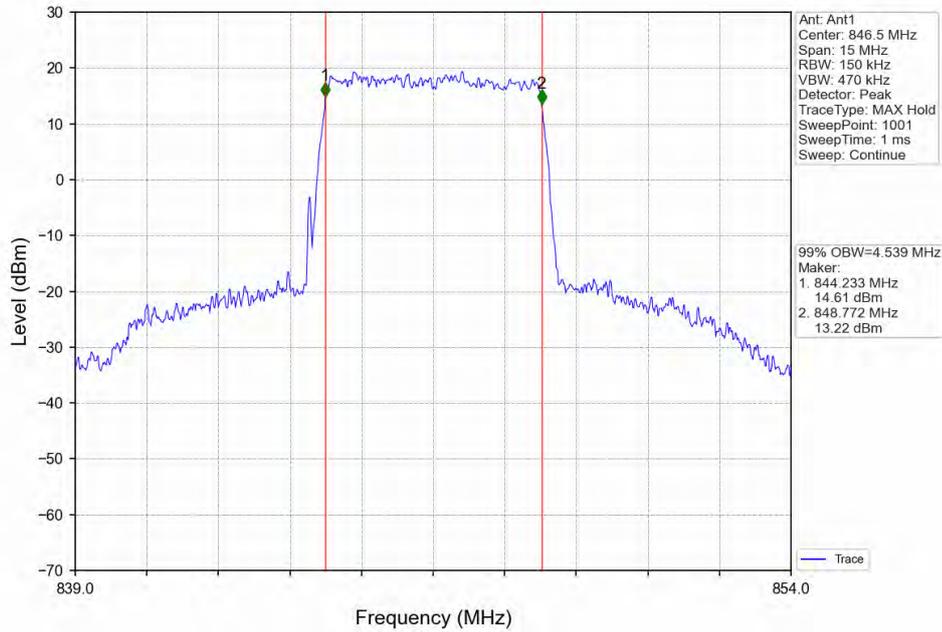




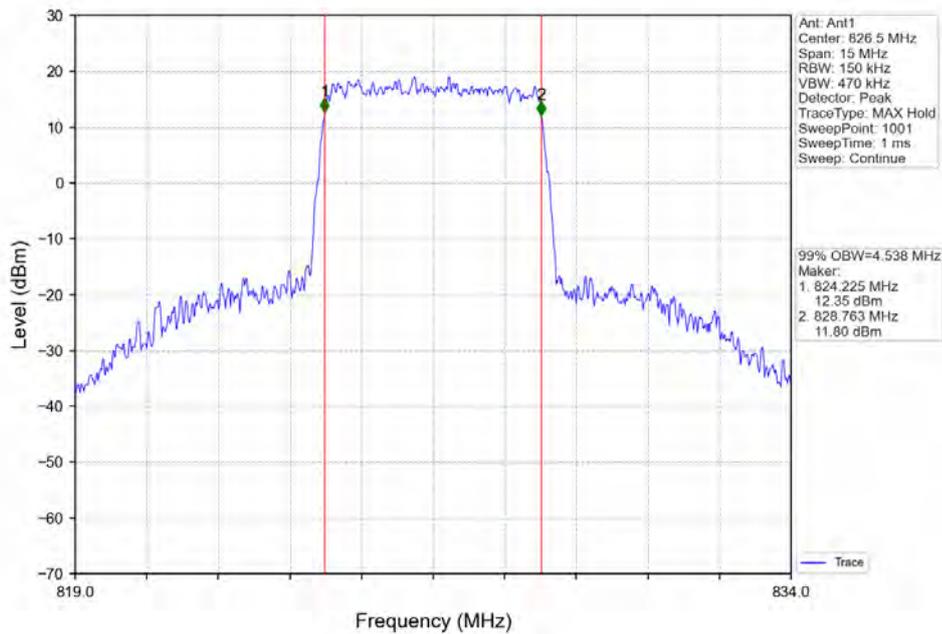
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

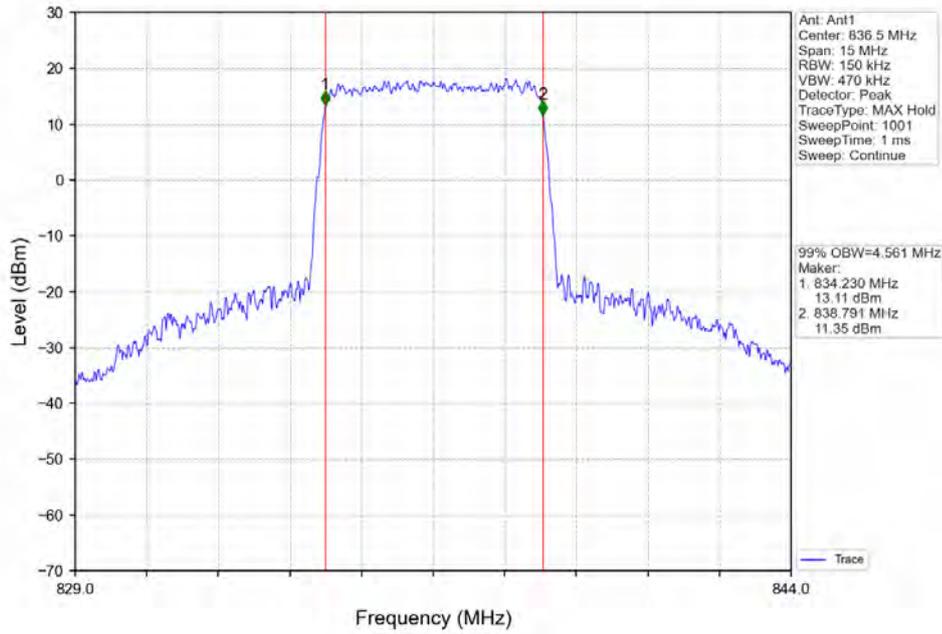




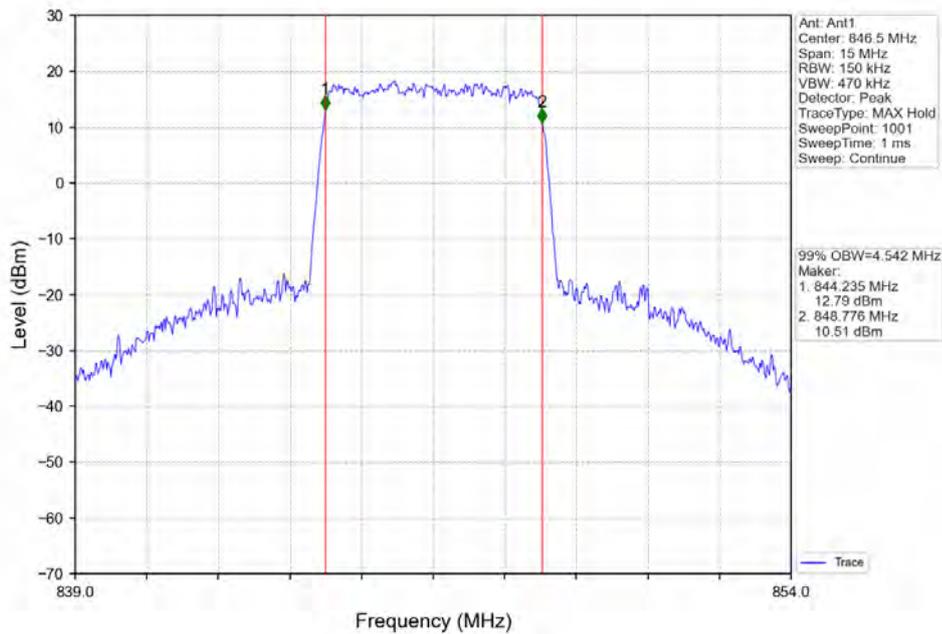
BUREAU VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

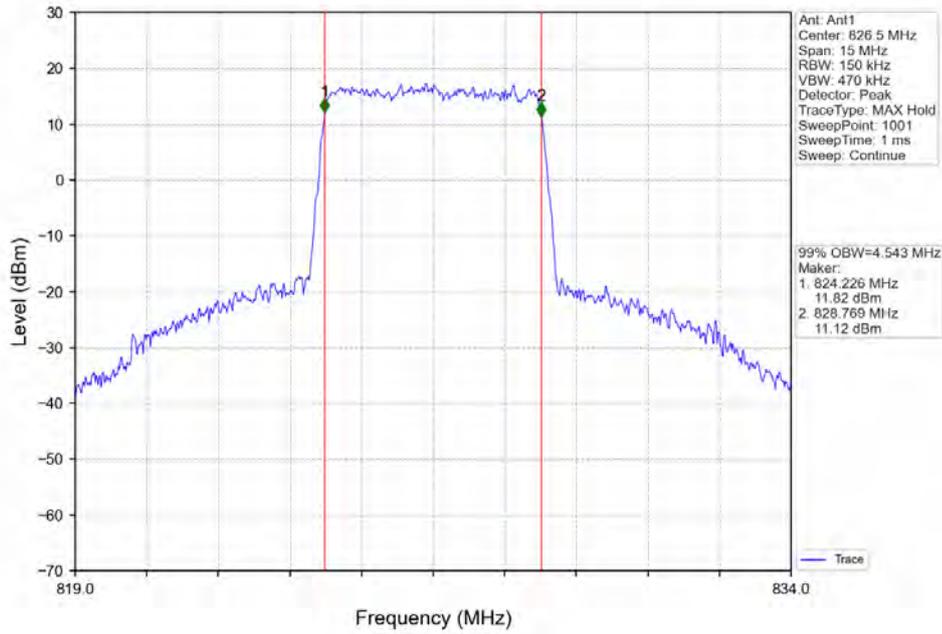




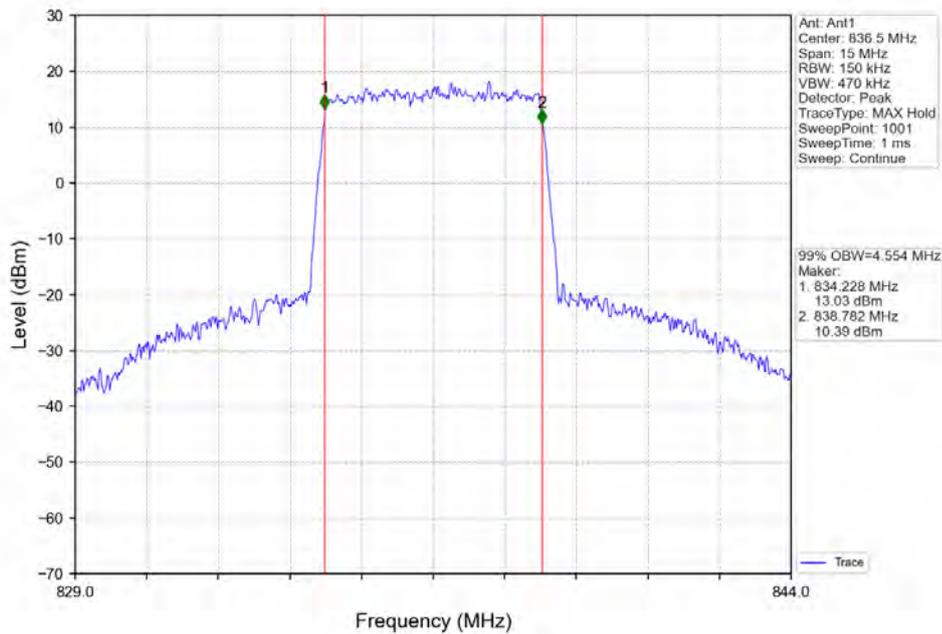
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

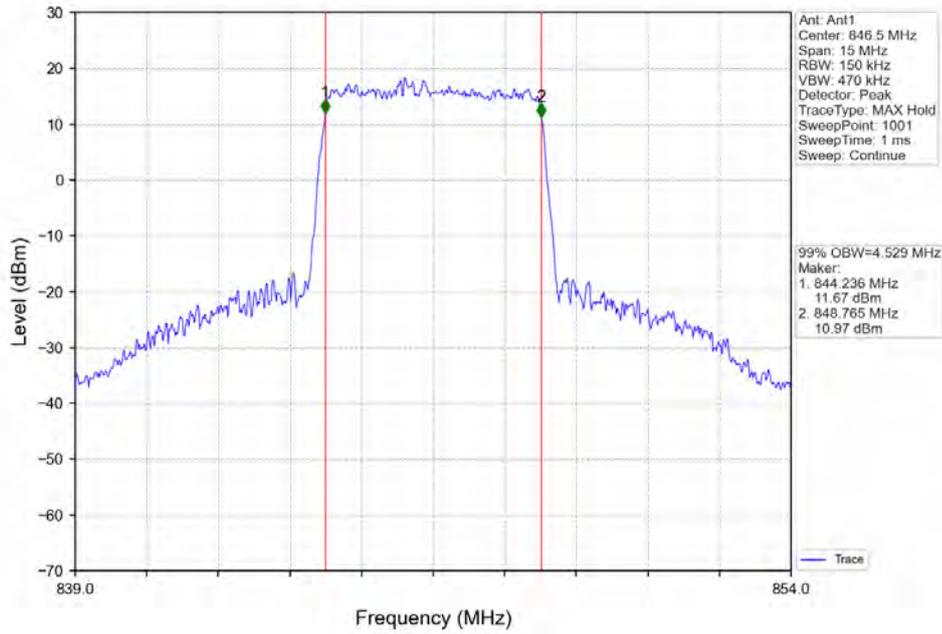




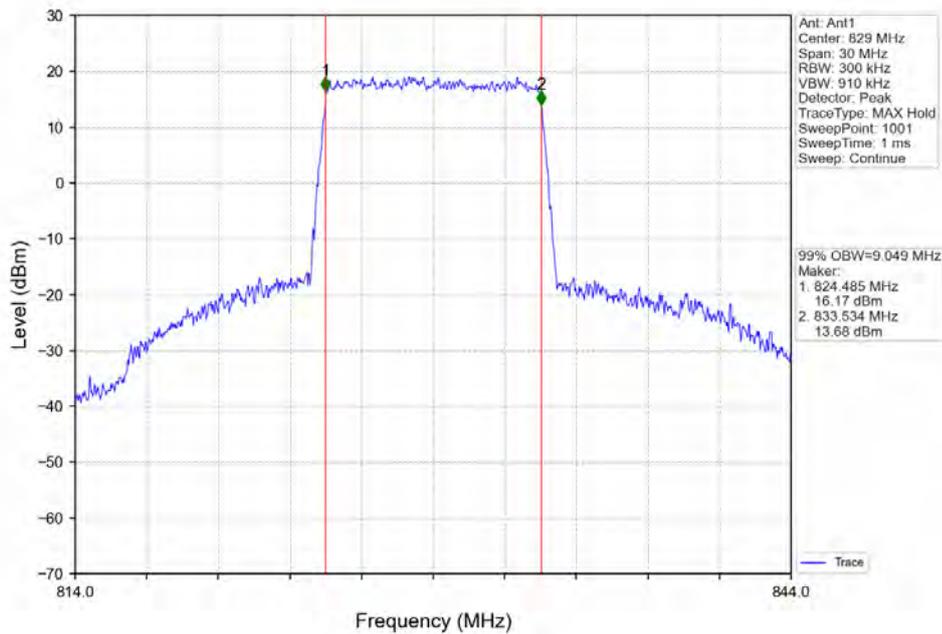
BUREAU VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

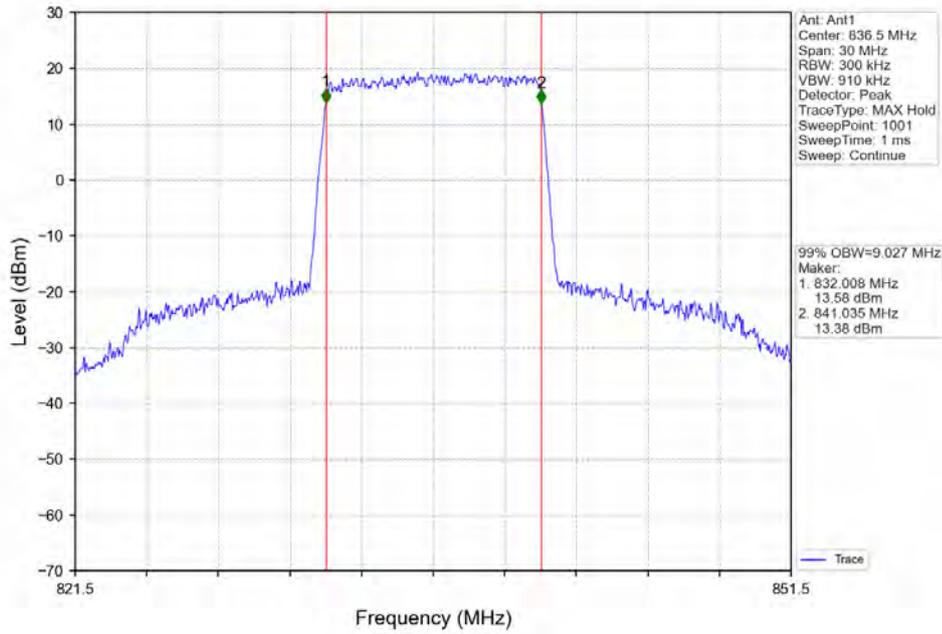




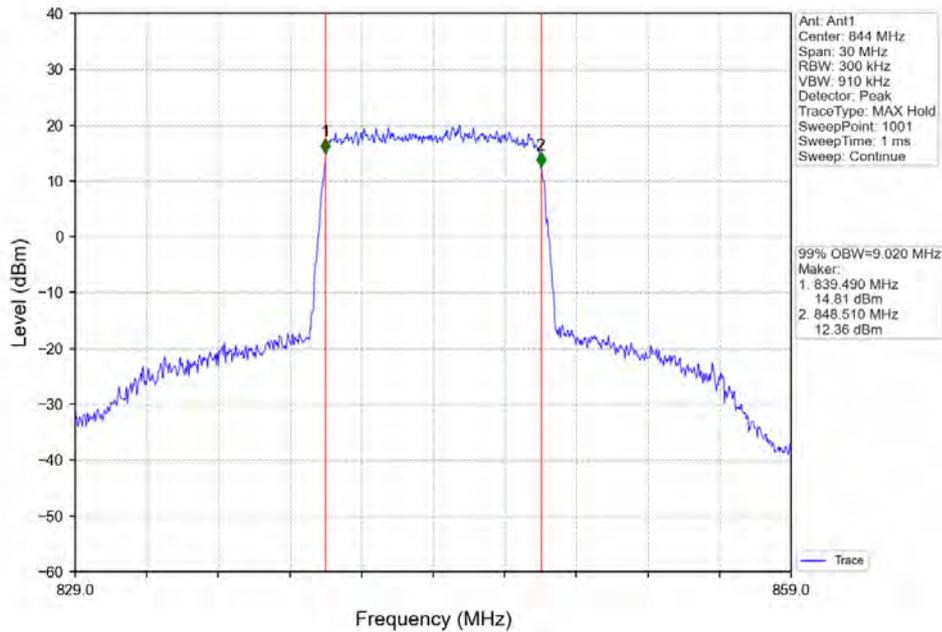
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

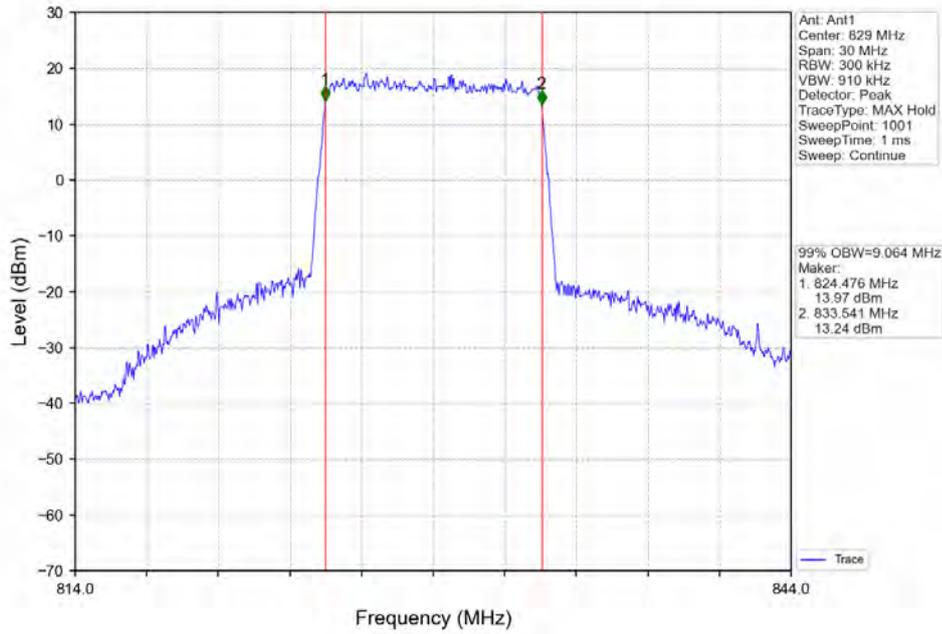




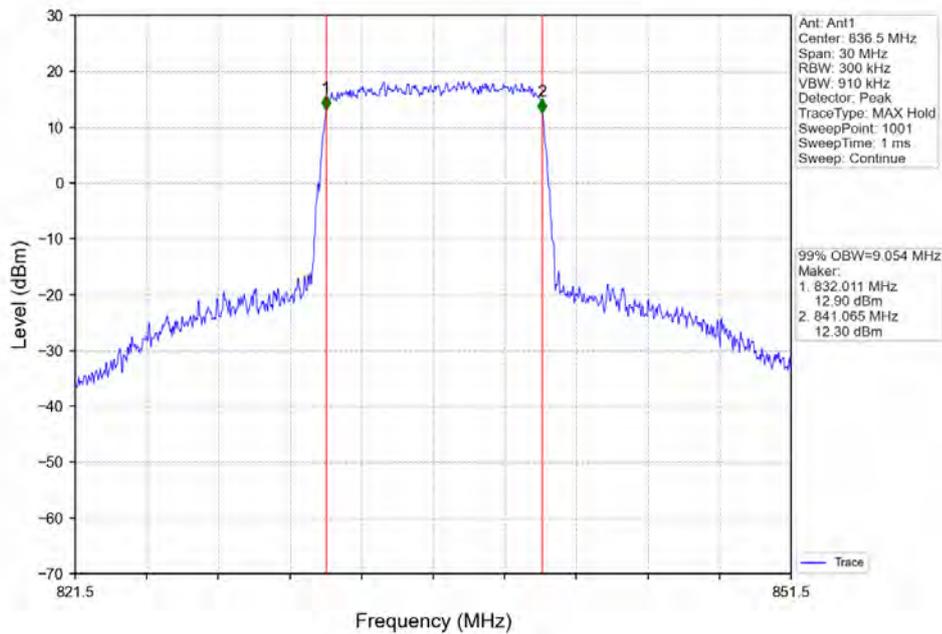
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

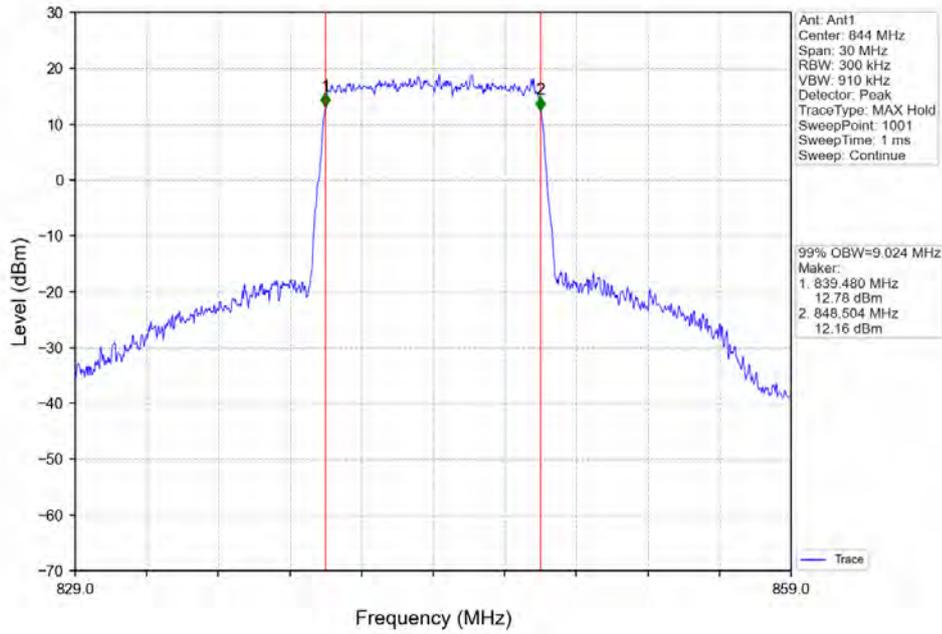




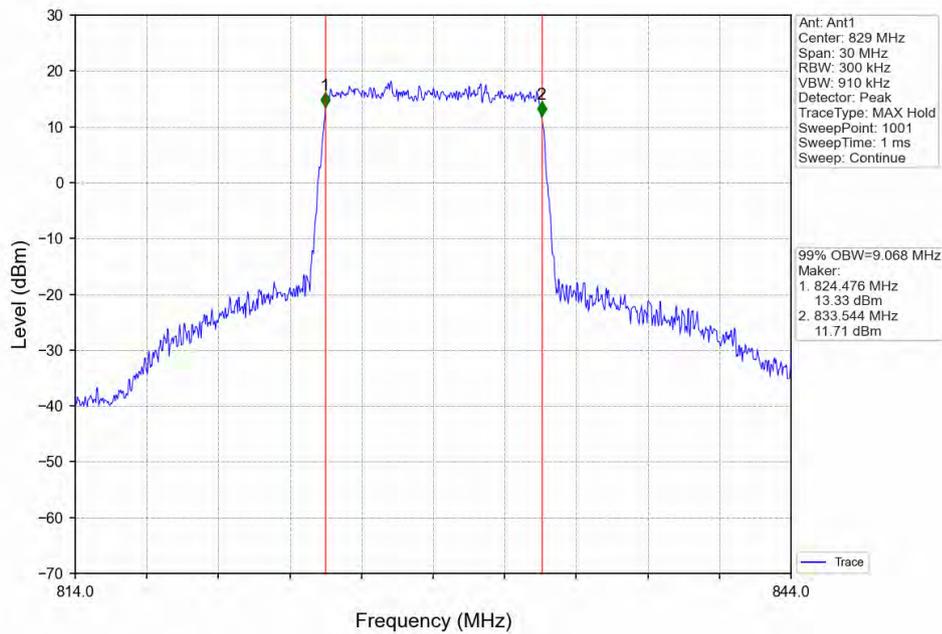
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

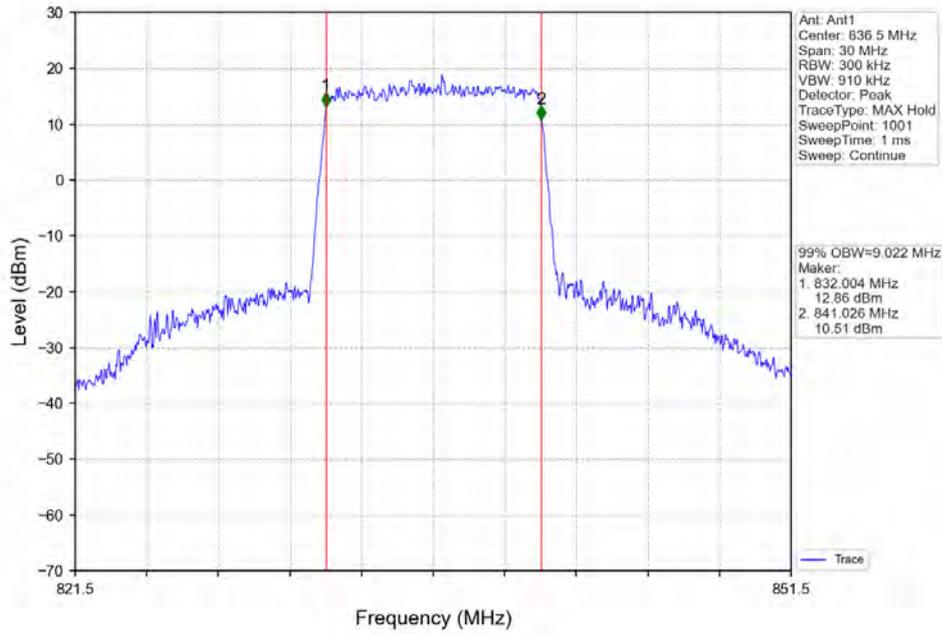




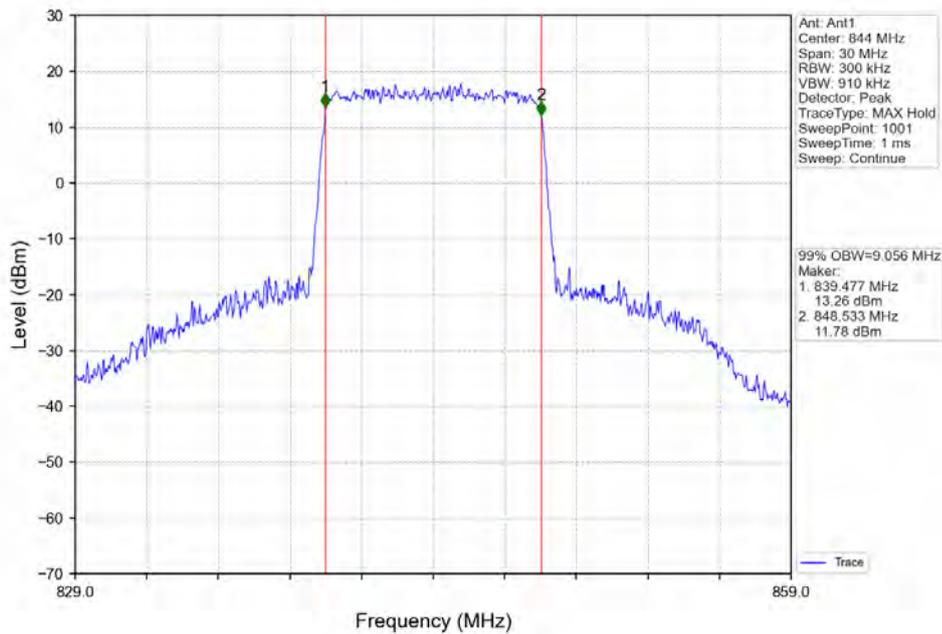
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV





**BAND5\_XDB**

**TEST RESULT**

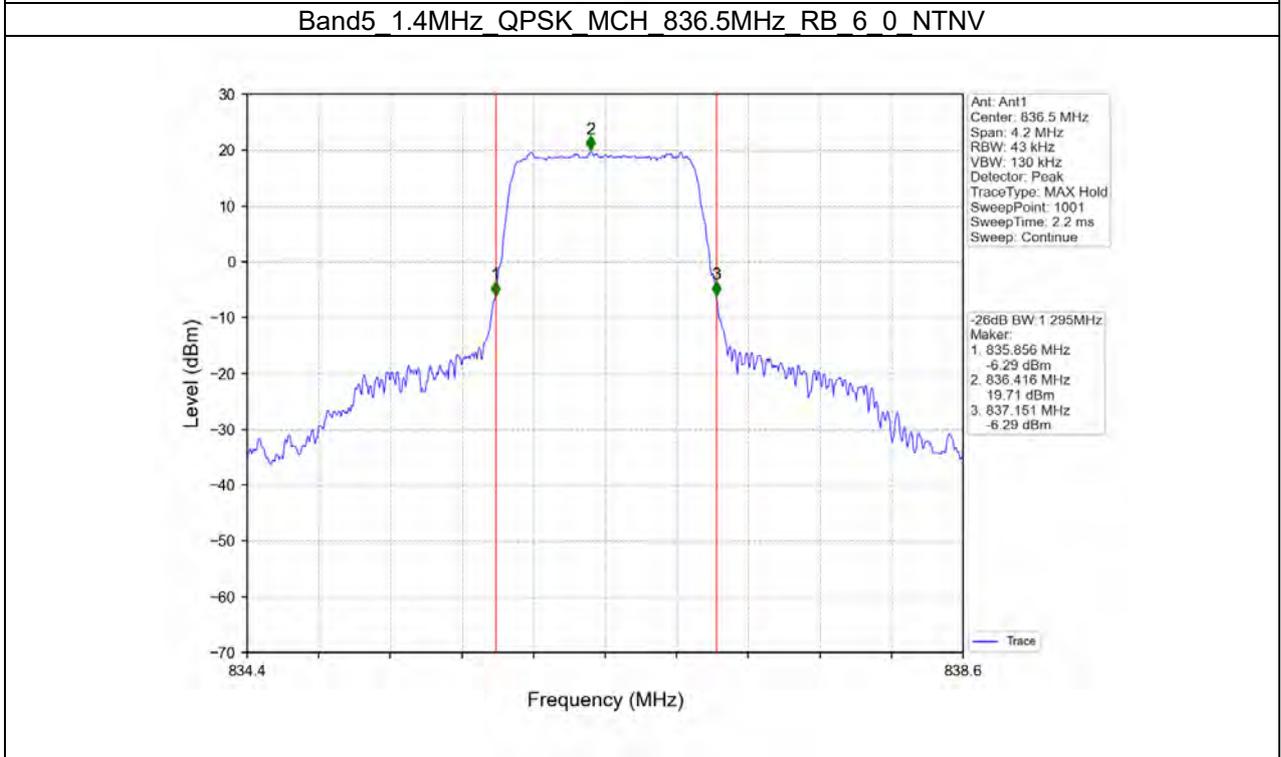
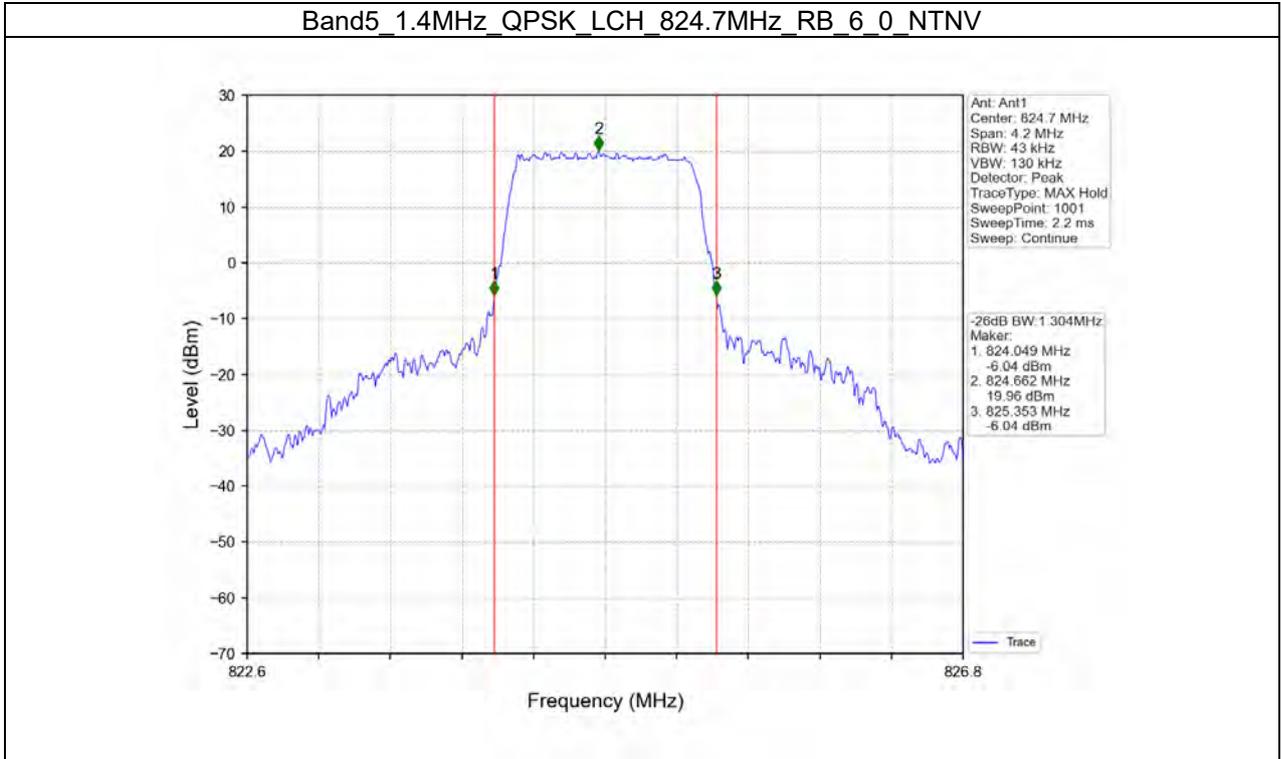
Band: 5 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.304	Pass
		836.5	6	0	1.295	Pass
		848.3	6	0	1.298	Pass
	16QAM	824.7	6	0	1.301	Pass
		836.5	6	0	1.301	Pass
		848.3	6	0	1.314	Pass
	64QAM	824.7	6	0	1.320	Pass
		836.5	6	0	1.313	Pass
		848.3	6	0	1.299	Pass
3	QPSK	825.5	15	0	3.029	Pass
		836.5	15	0	3.054	Pass
		847.5	15	0	3.049	Pass
	16QAM	825.5	15	0	3.059	Pass
		836.5	15	0	3.060	Pass
		847.5	15	0	3.048	Pass
	64QAM	825.5	15	0	3.060	Pass
		836.5	15	0	3.018	Pass
		847.5	15	0	3.044	Pass
5	QPSK	826.5	25	0	4.976	Pass
		836.5	25	0	5.034	Pass
		846.5	25	0	5.112	Pass
	16QAM	826.5	25	0	5.000	Pass
		836.5	25	0	5.017	Pass
		846.5	25	0	4.999	Pass
	64QAM	826.5	25	0	5.001	Pass
		836.5	25	0	4.990	Pass
		846.5	25	0	4.957	Pass
10	QPSK	829	50	0	9.930	Pass
		836.5	50	0	9.892	Pass
		844	50	0	9.928	Pass
	16QAM	829	50	0	9.904	Pass
		836.5	50	0	9.908	Pass
		844	50	0	9.902	Pass
	64QAM	829	50	0	9.900	Pass
		836.5	50	0	9.824	Pass
		844	50	0	9.892	Pass



BUREAU VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

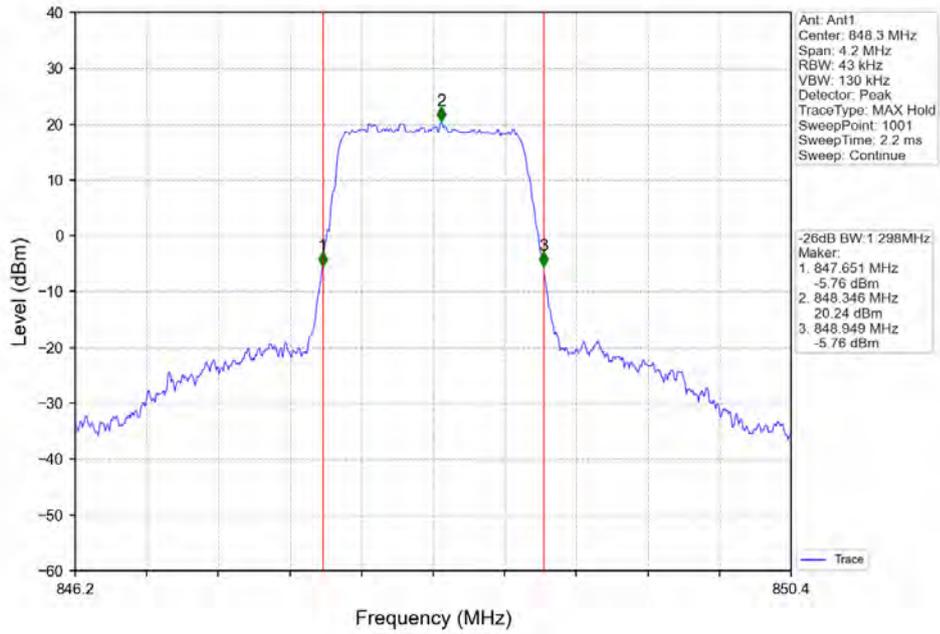




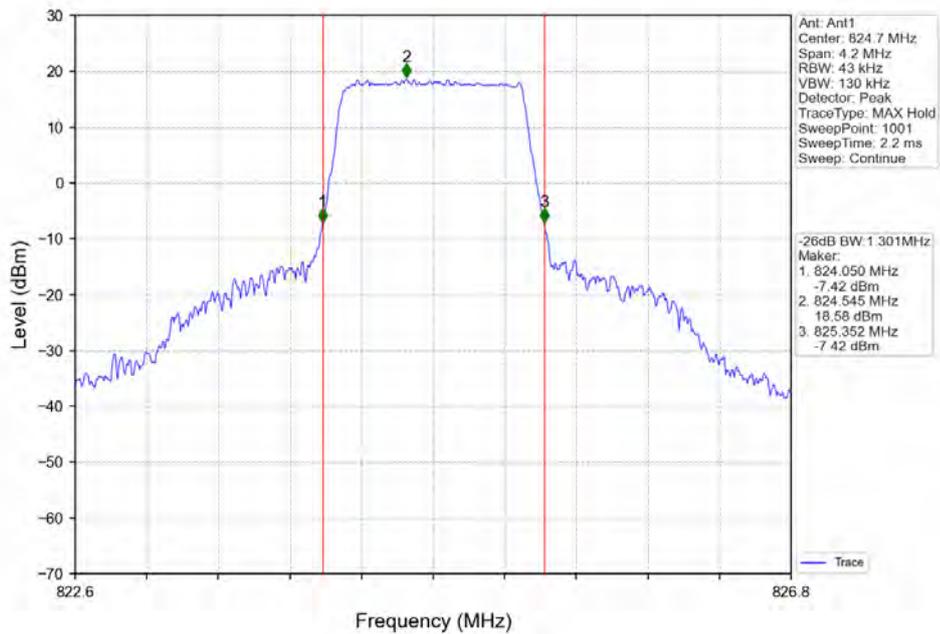
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

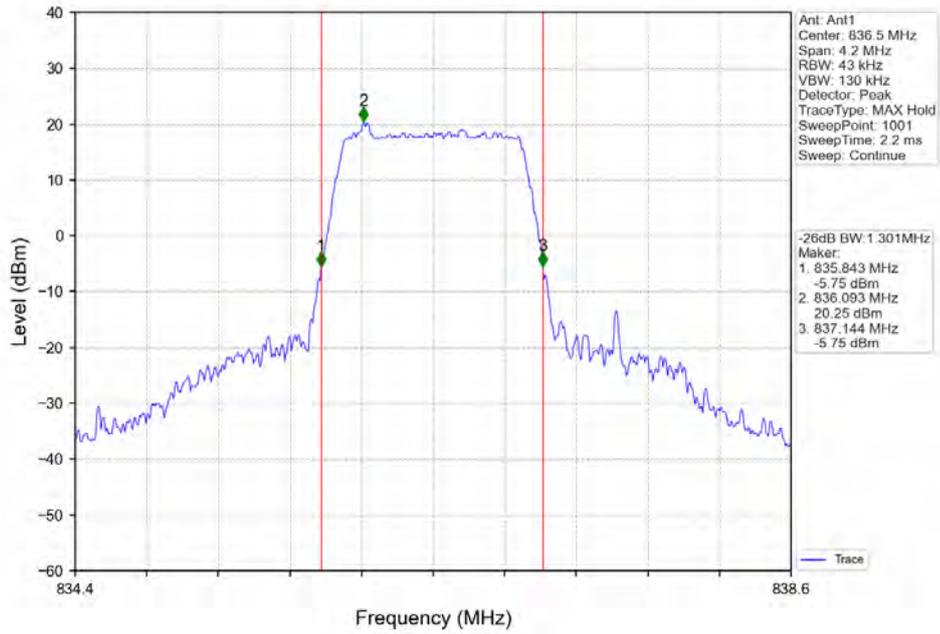




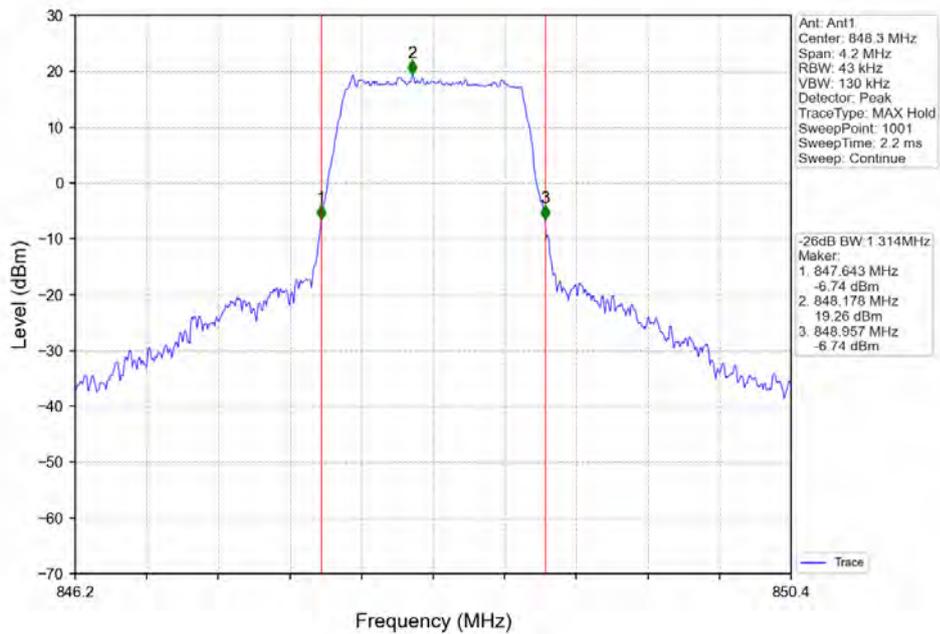
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

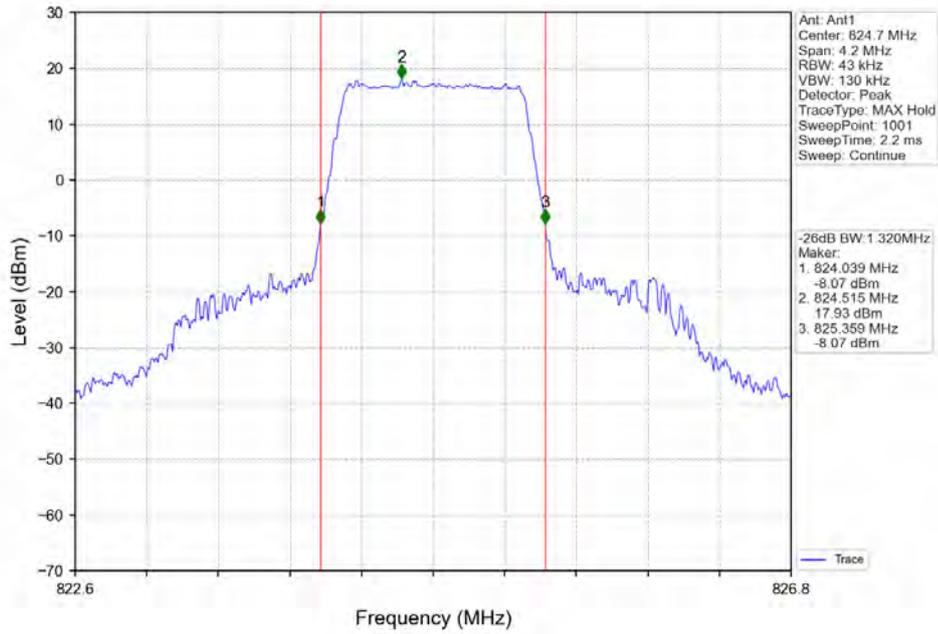




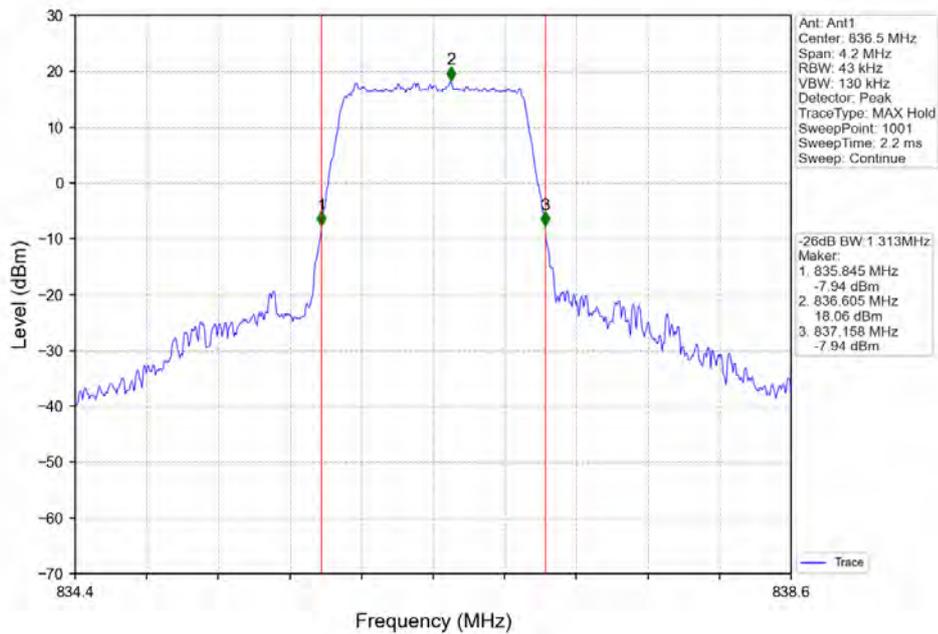
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_64QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

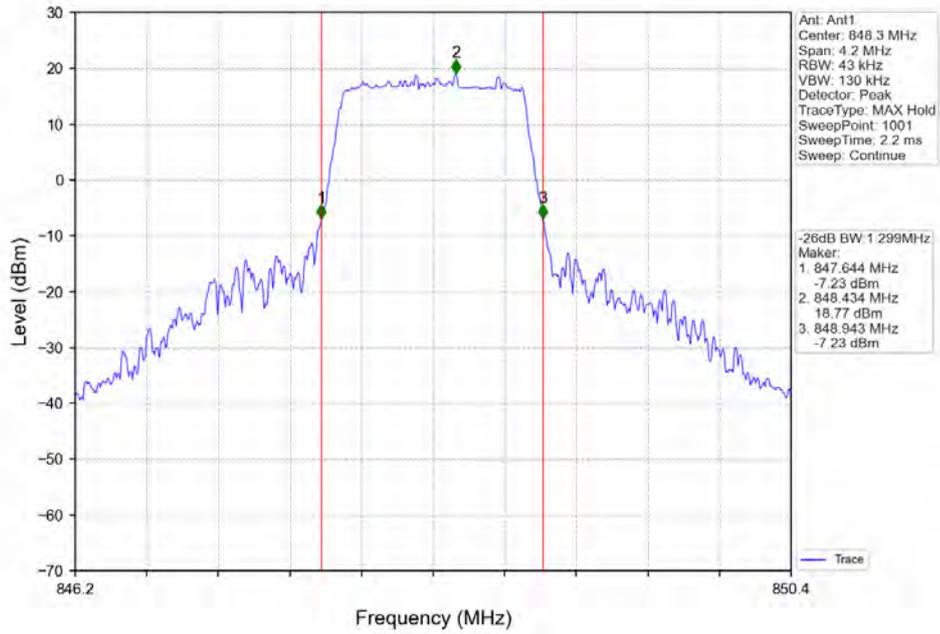




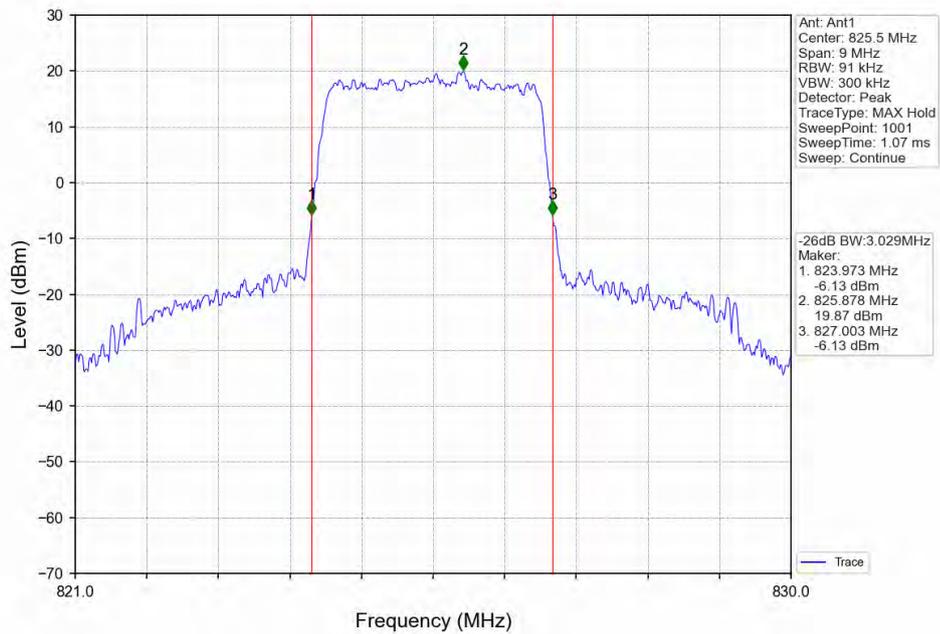
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_3MHz\_QPSK\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

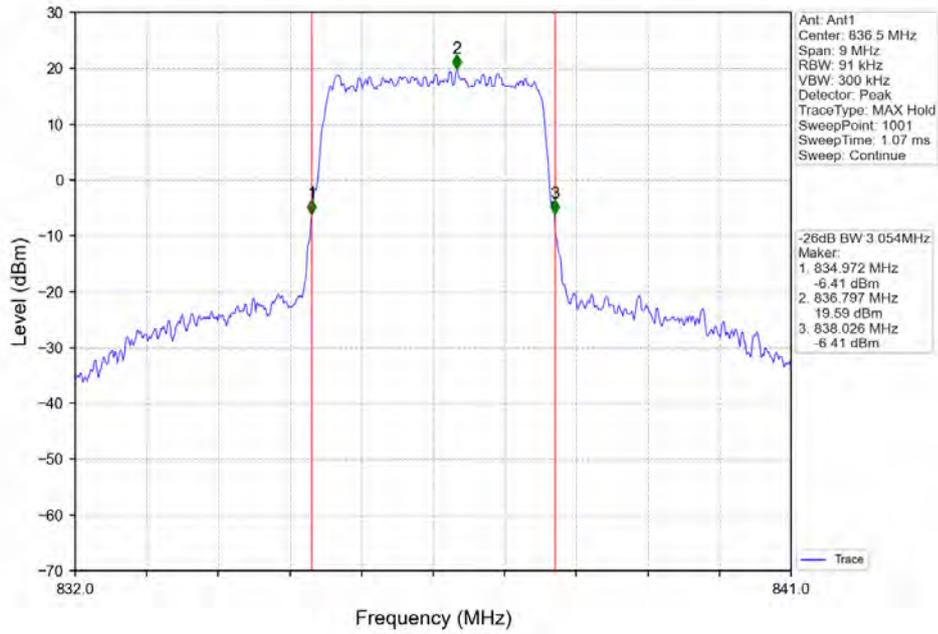




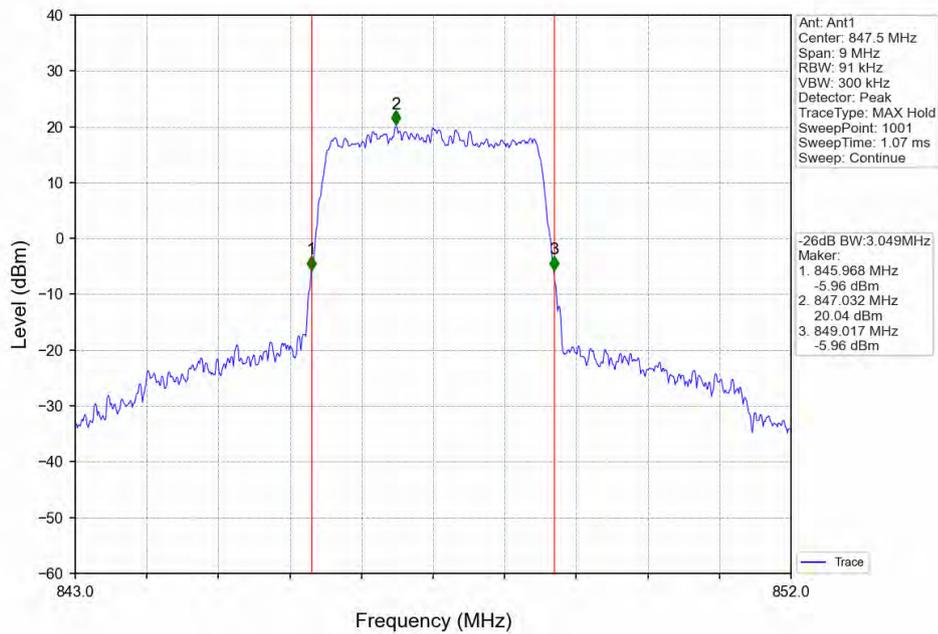
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_QPSK\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

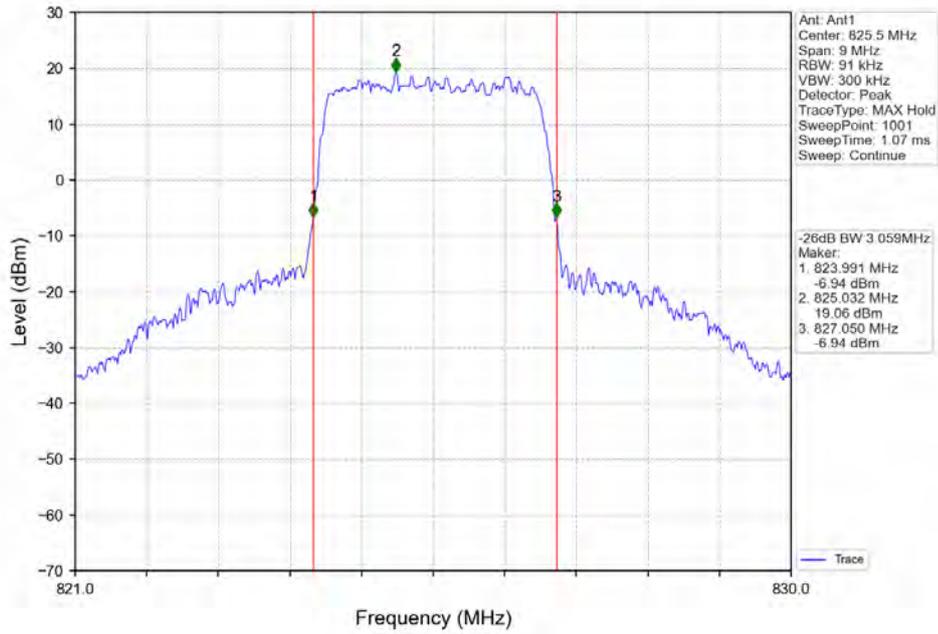




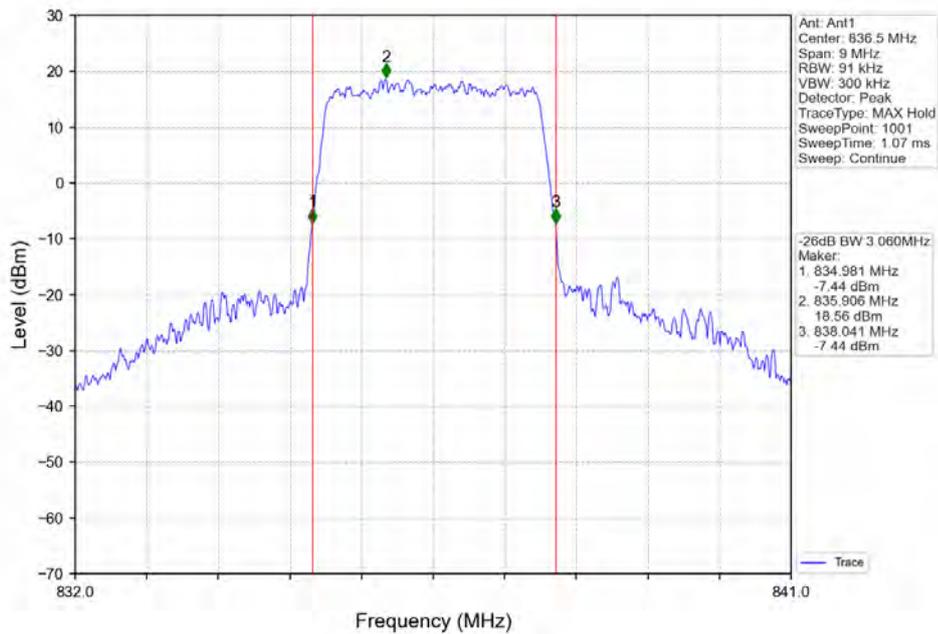
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV

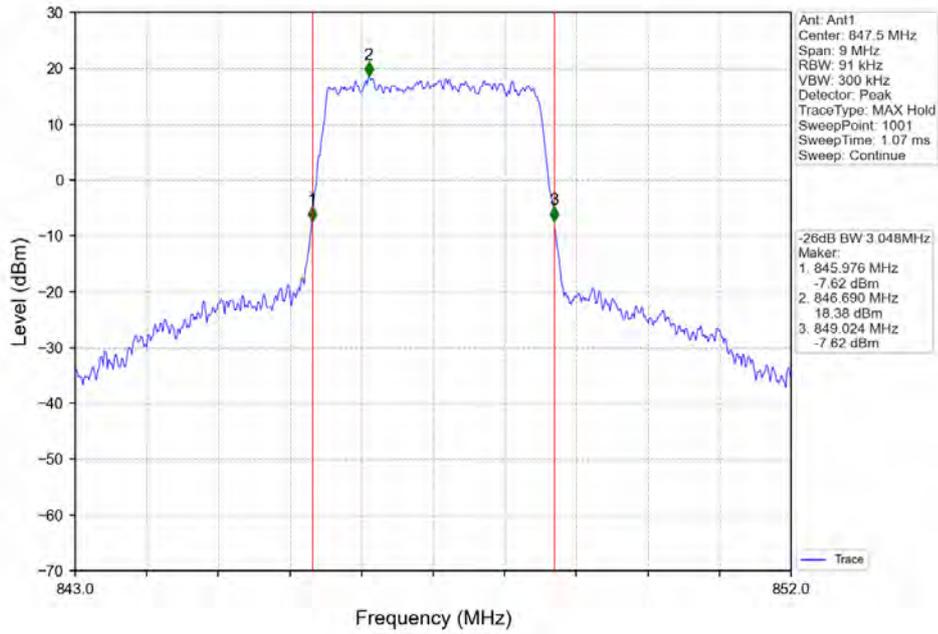




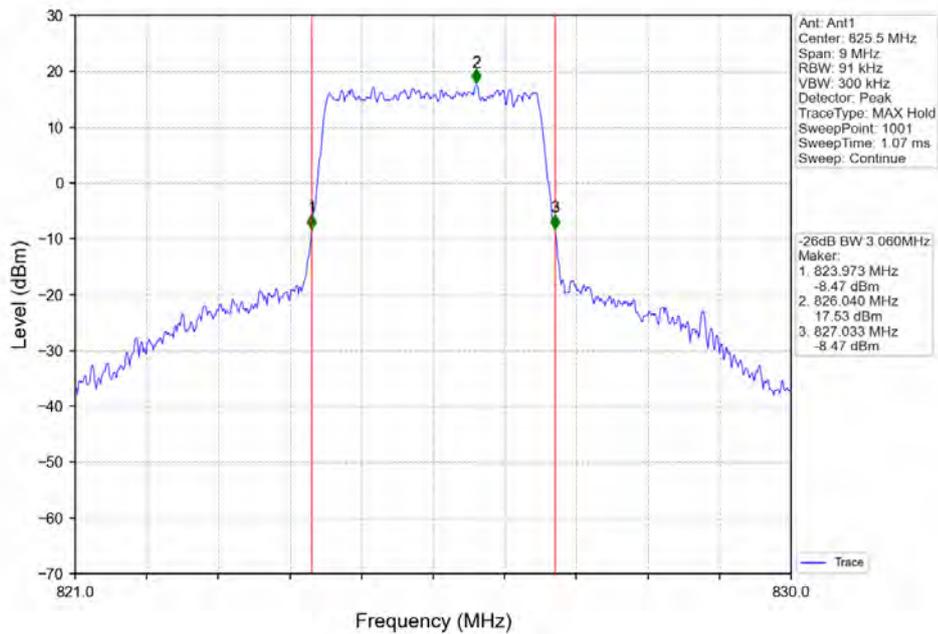
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_64QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

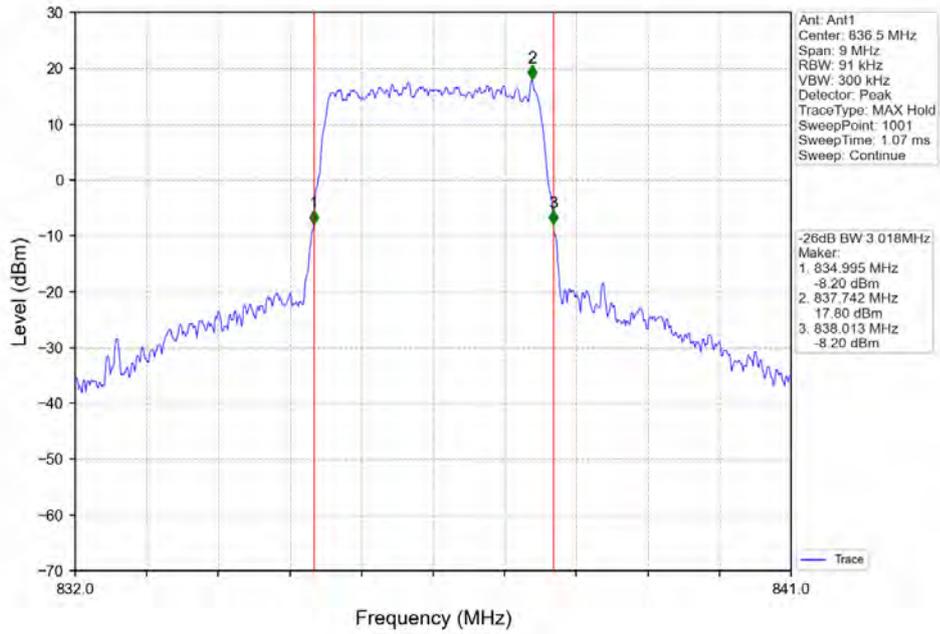




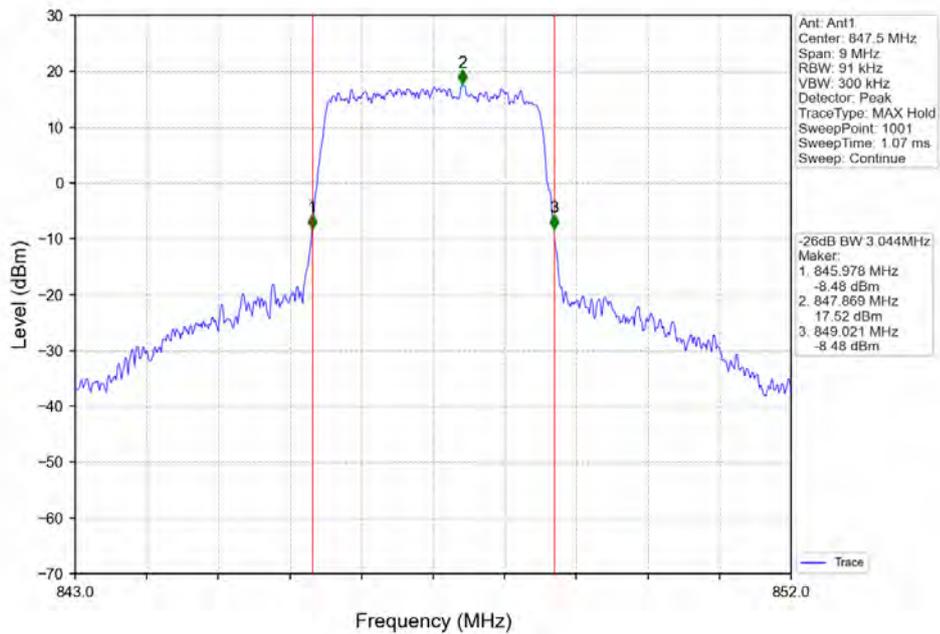
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_64QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_64QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV

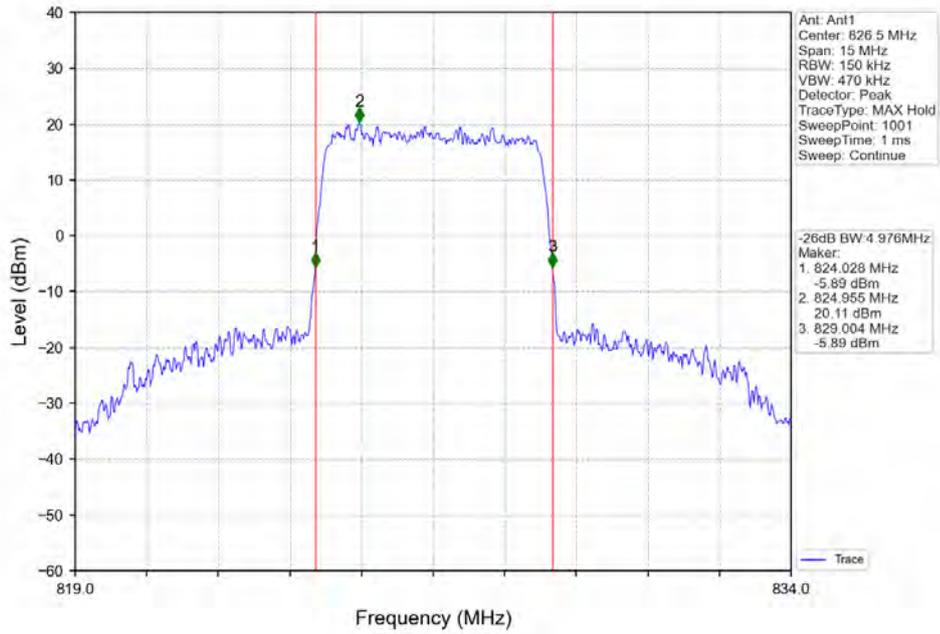




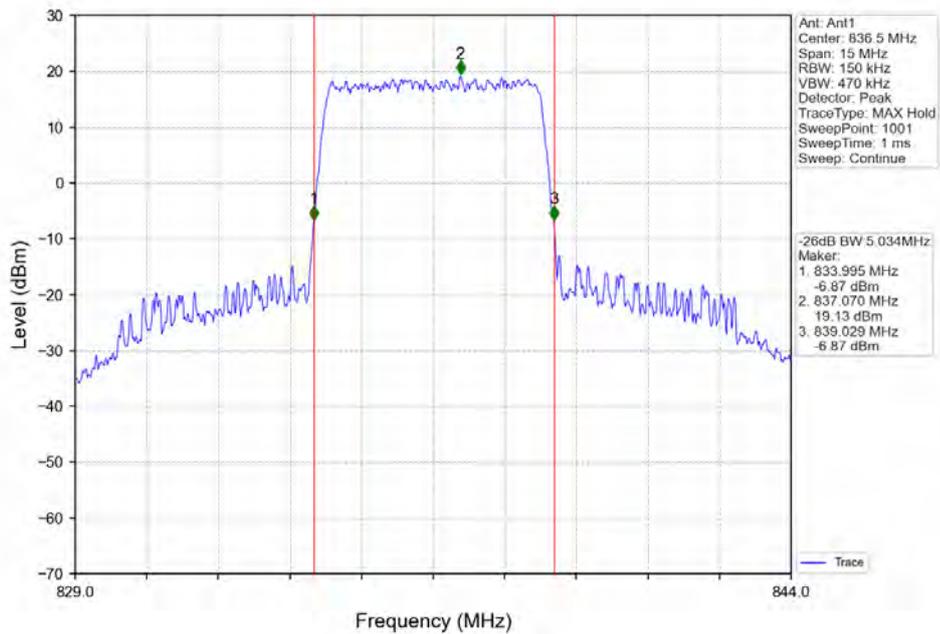
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_QPSK\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_QPSK\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

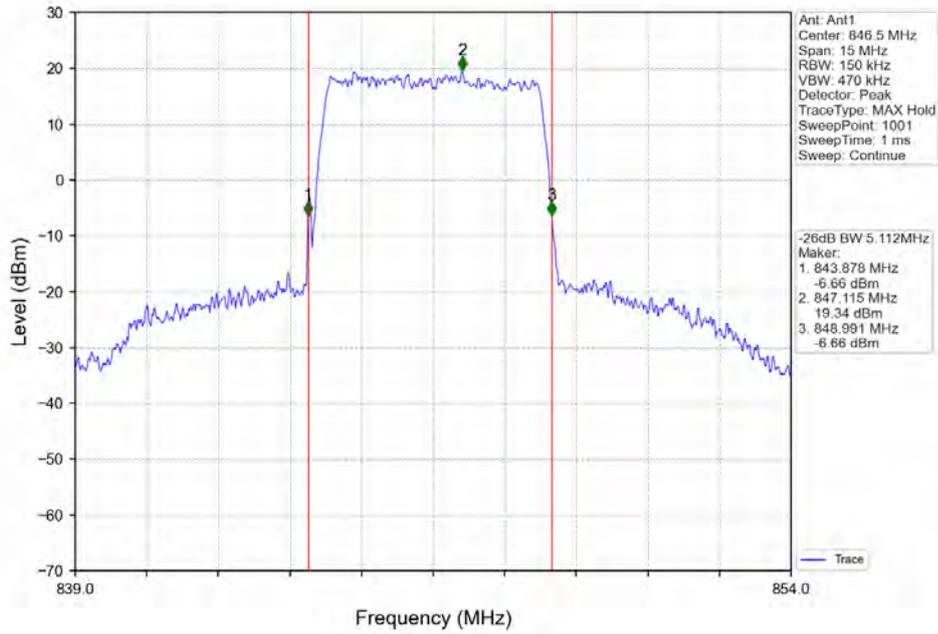




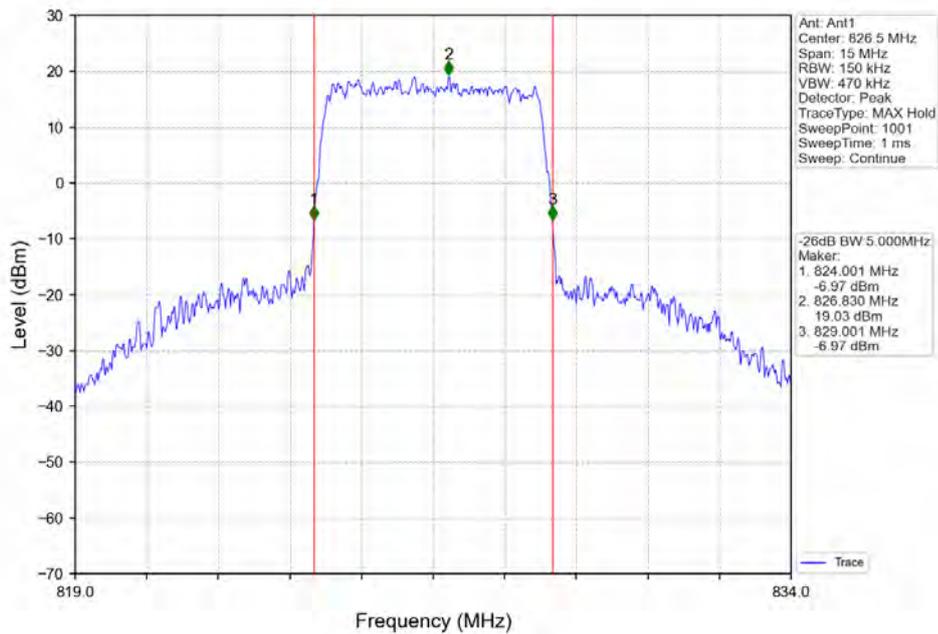
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

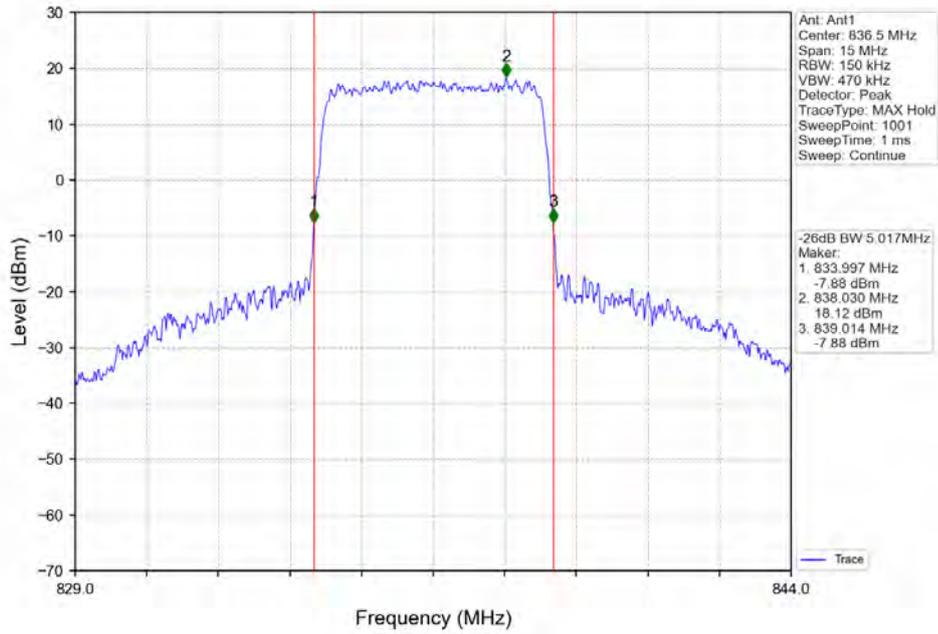




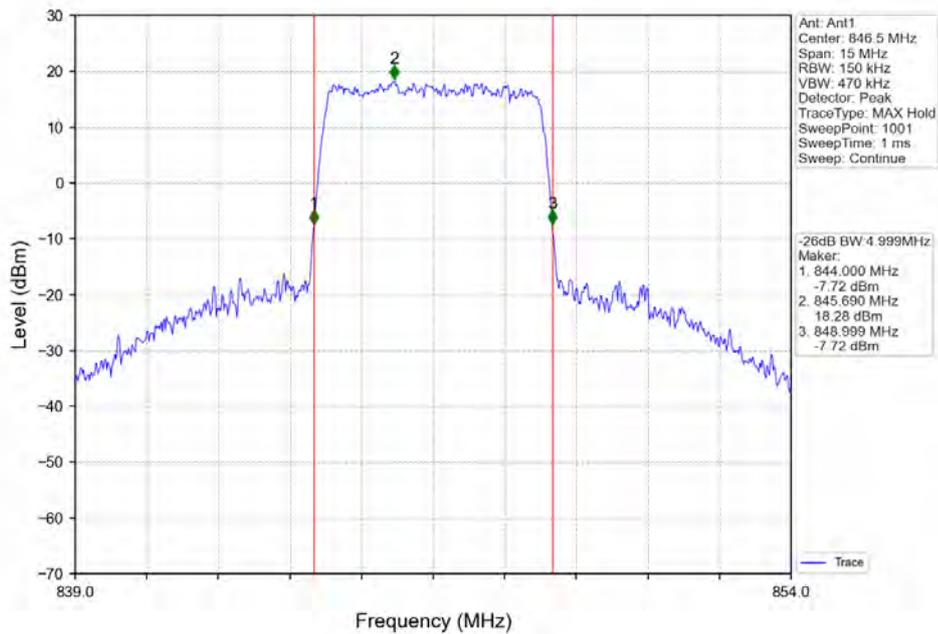
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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

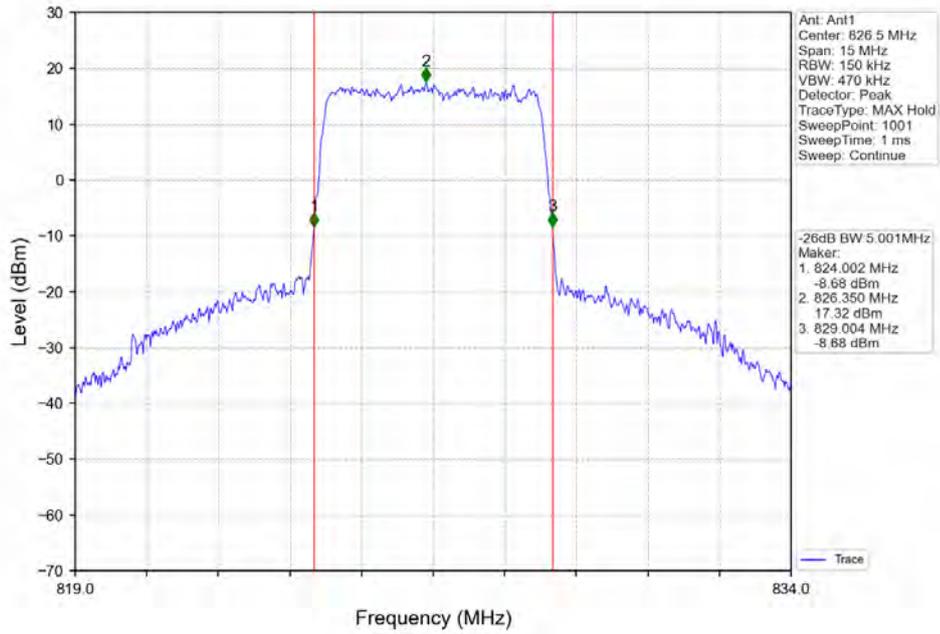




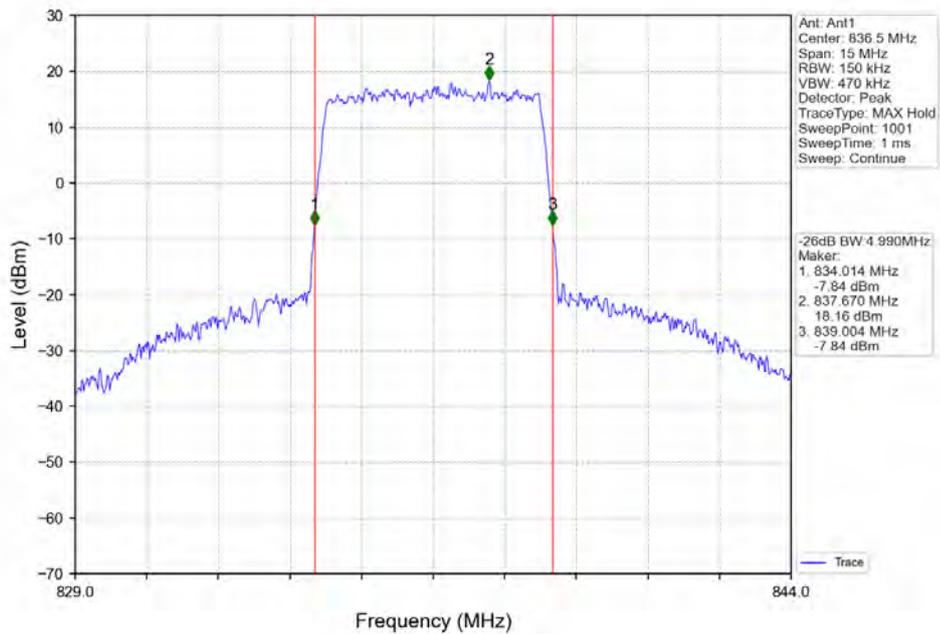
BUREAU VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_64QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_64QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV

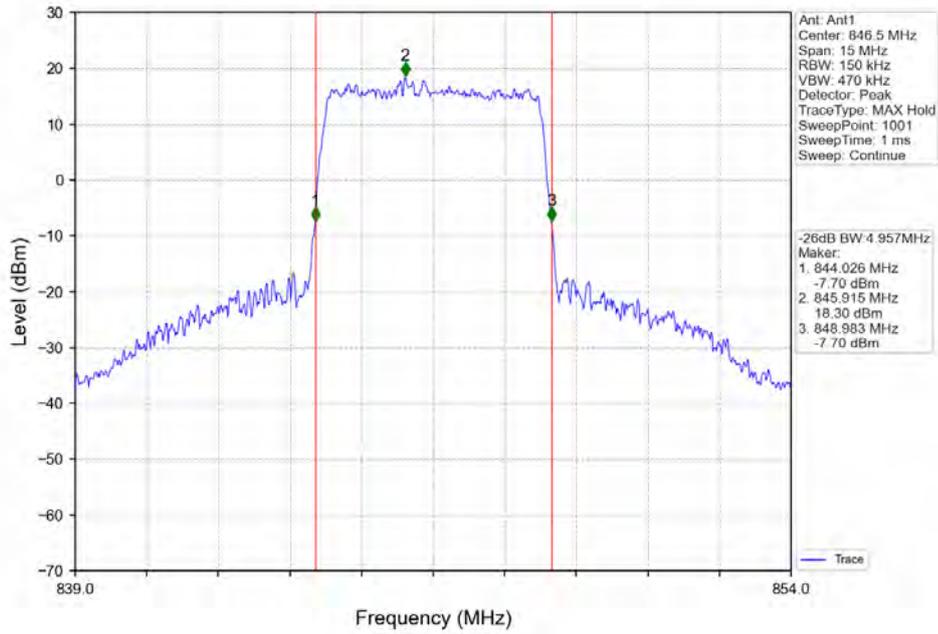




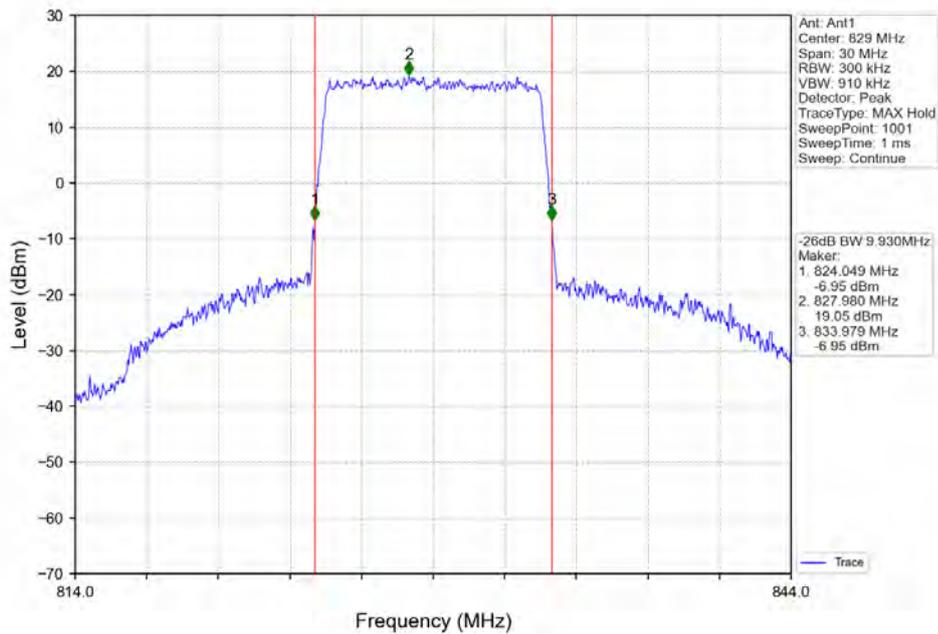
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_10MHz\_QPSK\_LCH\_829MHz\_RB\_50\_0\_NTNV

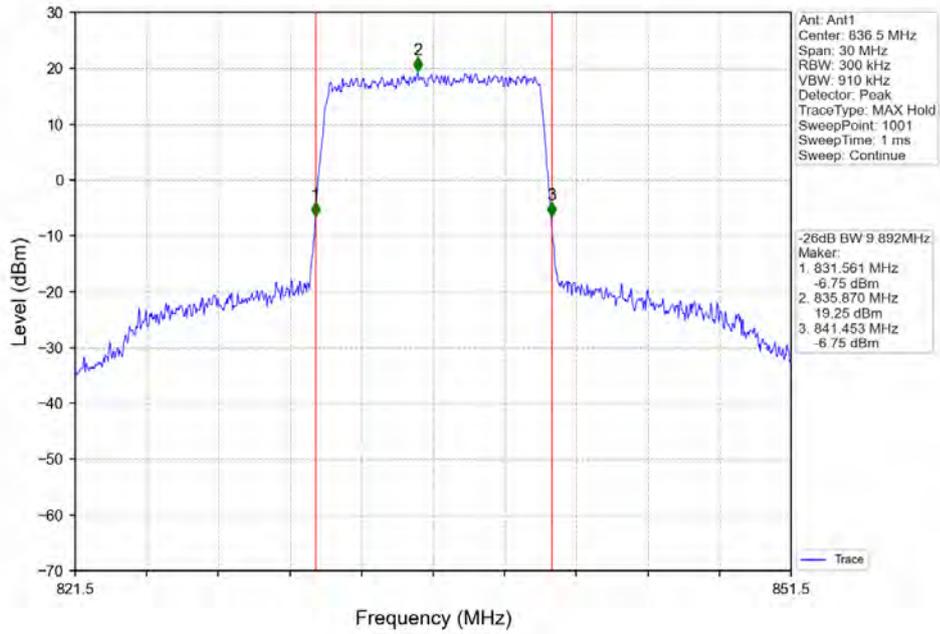




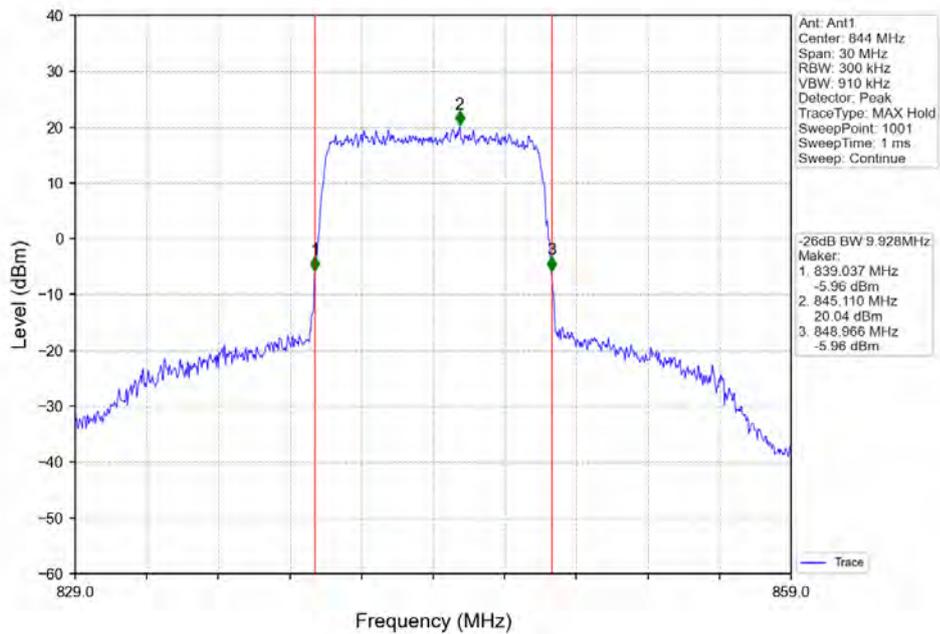
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_QPSK\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV

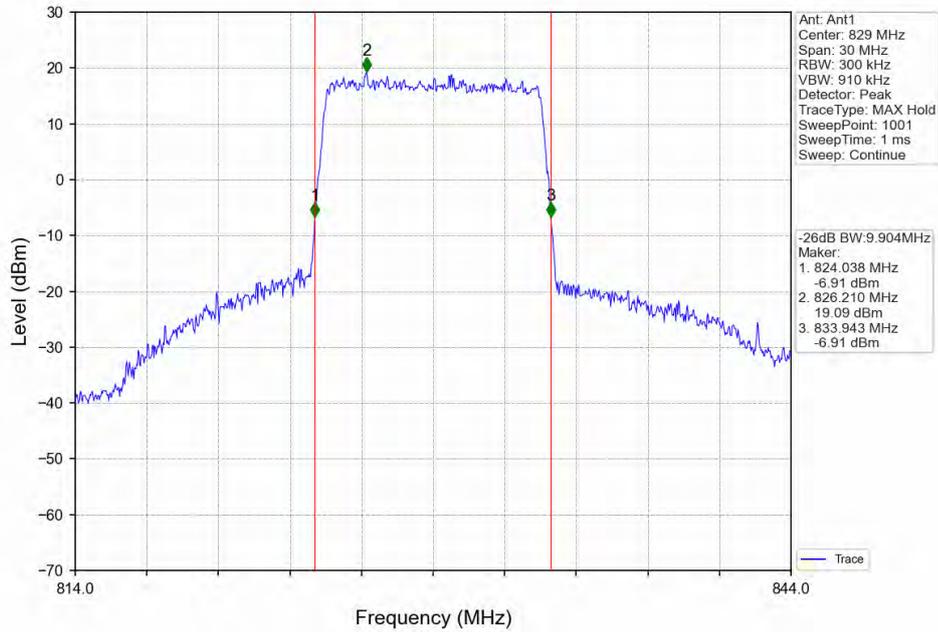




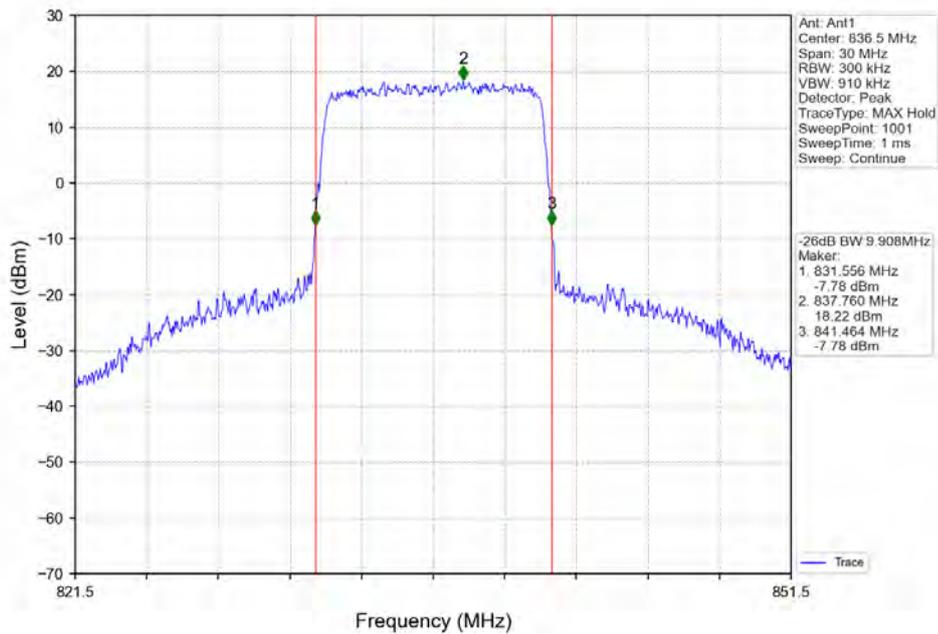
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV

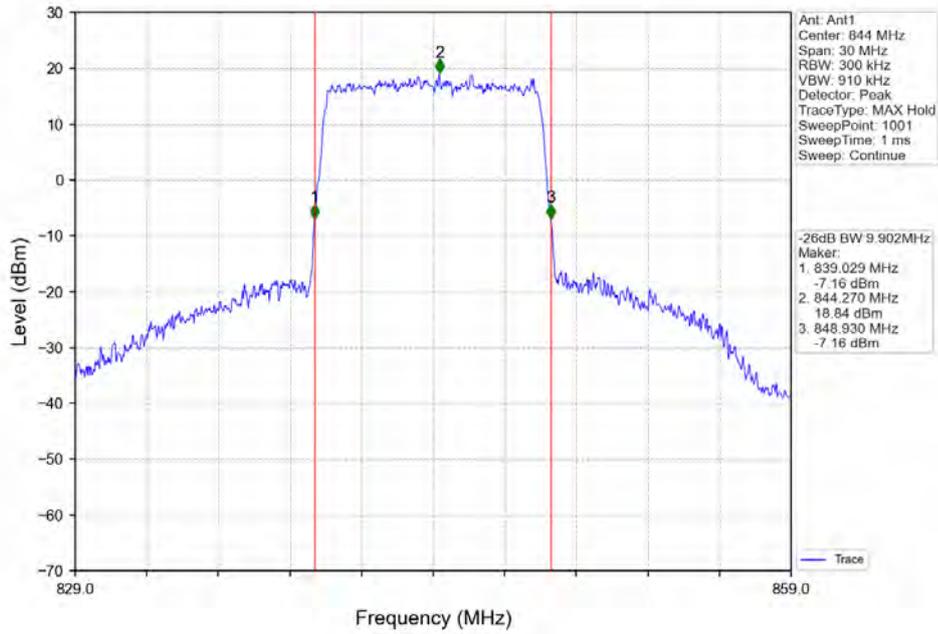




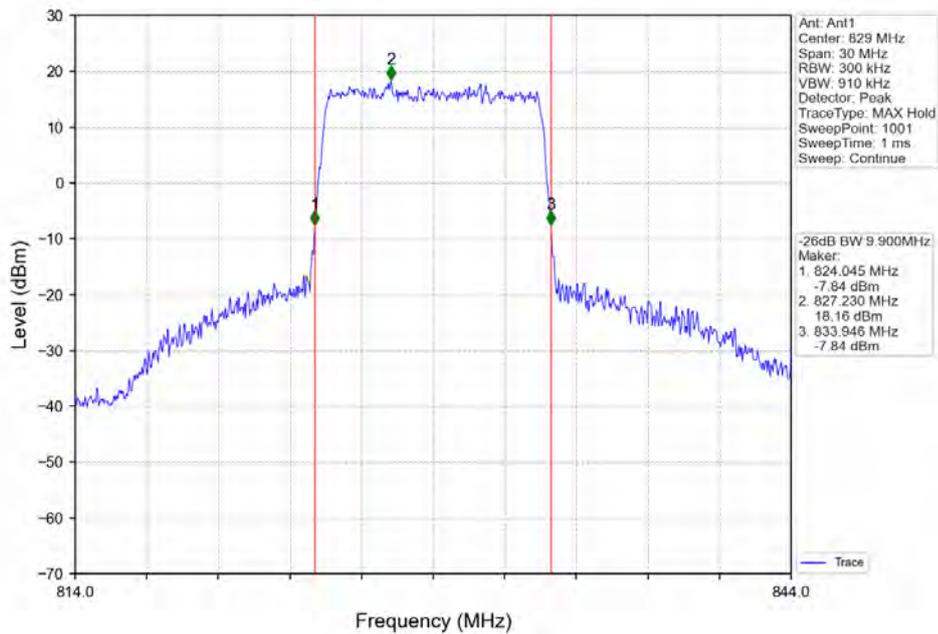
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

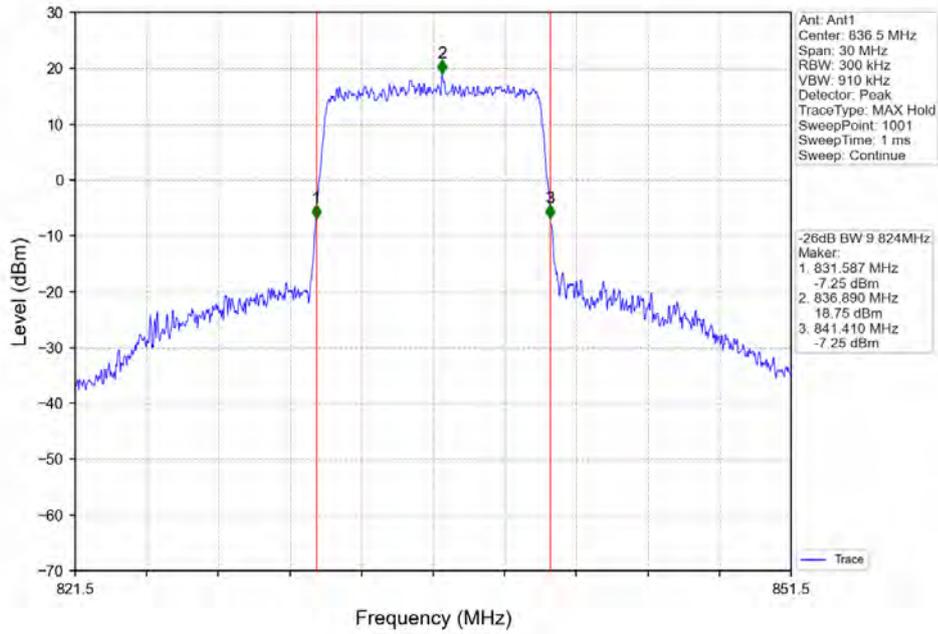




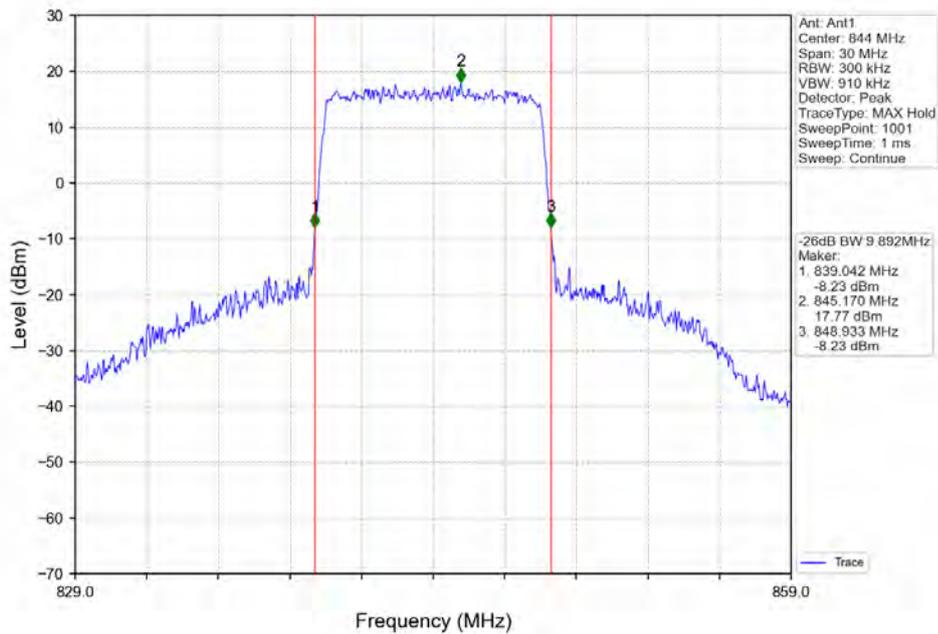
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_64QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV





PEAK-AVERAGE RATIO

B5\_1.4MHZ

TEST RESULT

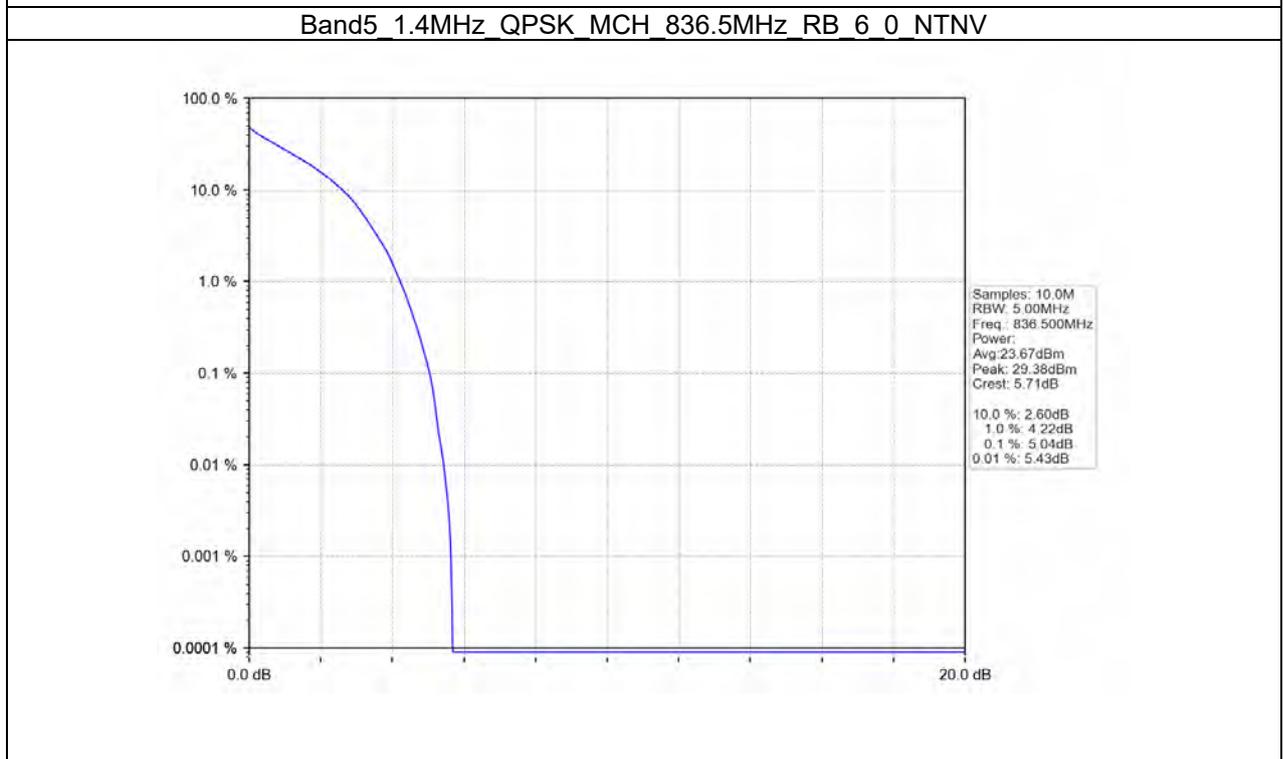
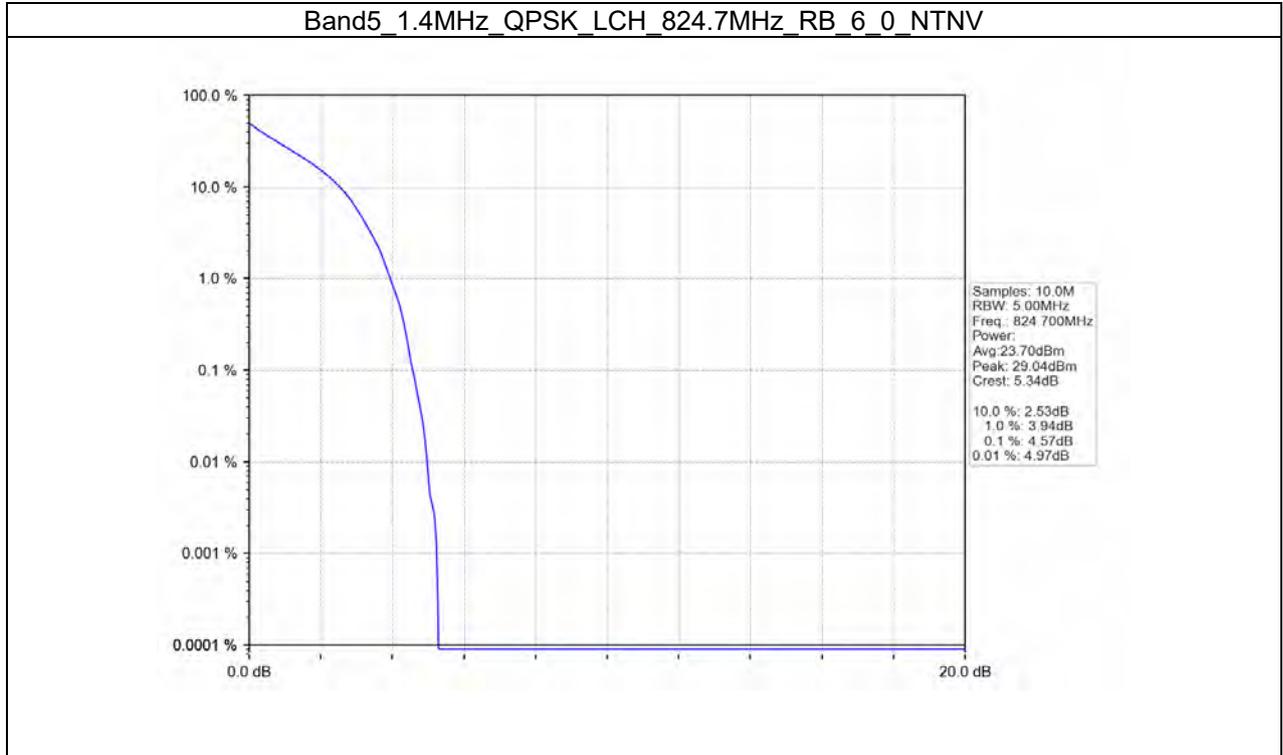
Band: 5 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.57	<=13	Pass
	836.5	6	0	5.04	<=13	Pass
	848.3	6	0	5.04	<=13	Pass
16QAM	824.7	6	0	5.45	<=13	Pass
	836.5	6	0	5.81	<=13	Pass
	848.3	6	0	5.78	<=13	Pass
64QAM	824.7	6	0	5.46	<=13	Pass
	836.5	6	0	6.14	<=13	Pass
	848.3	6	0	6.00	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

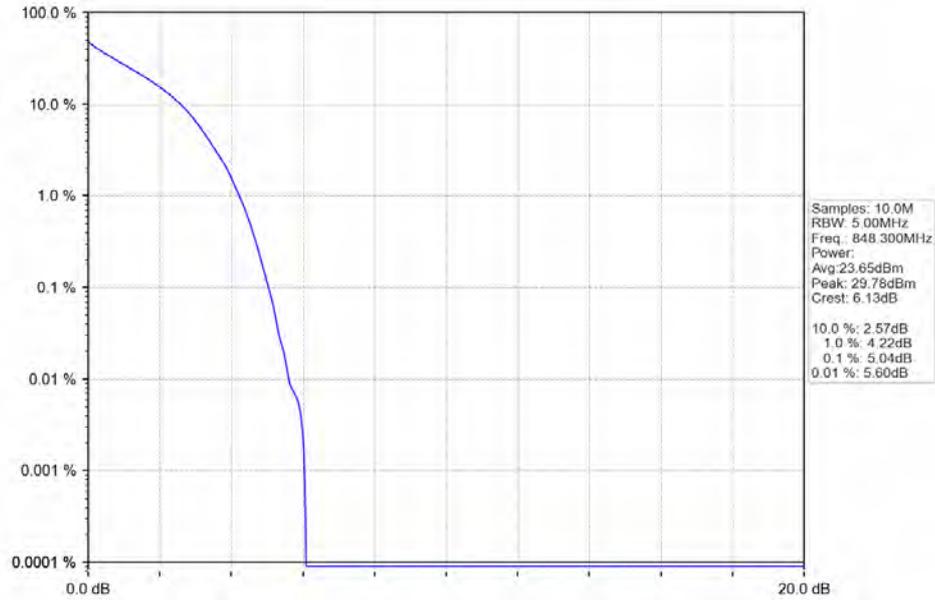




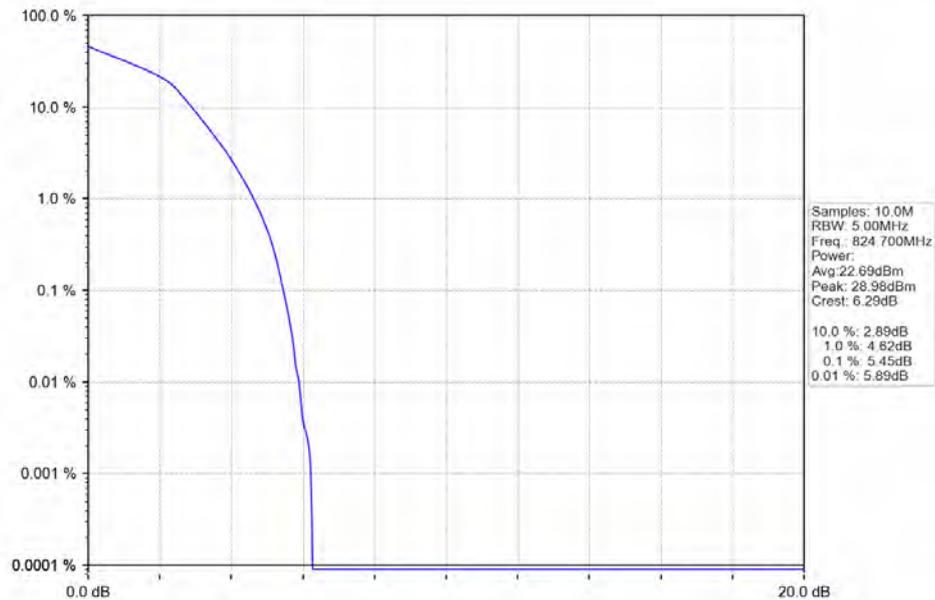
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

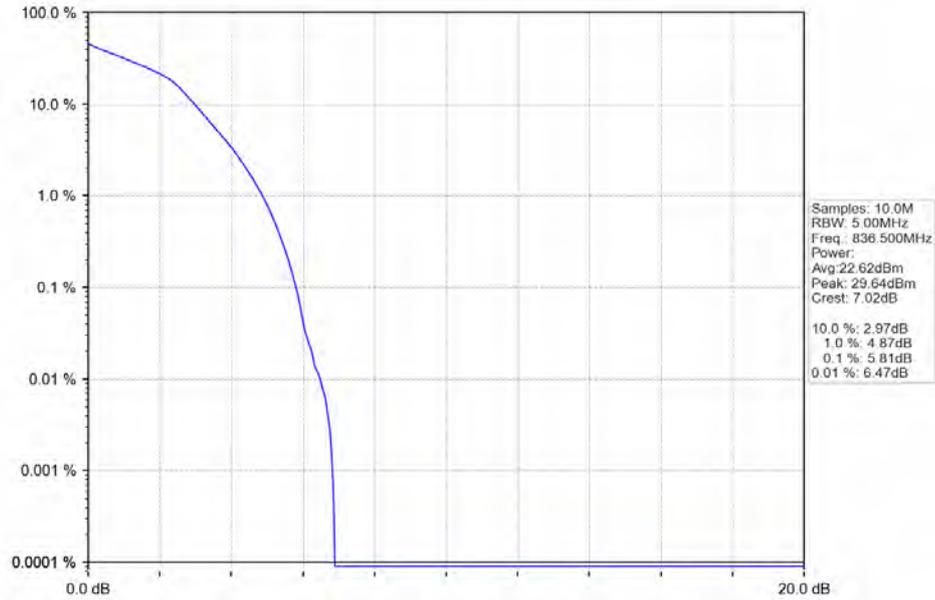




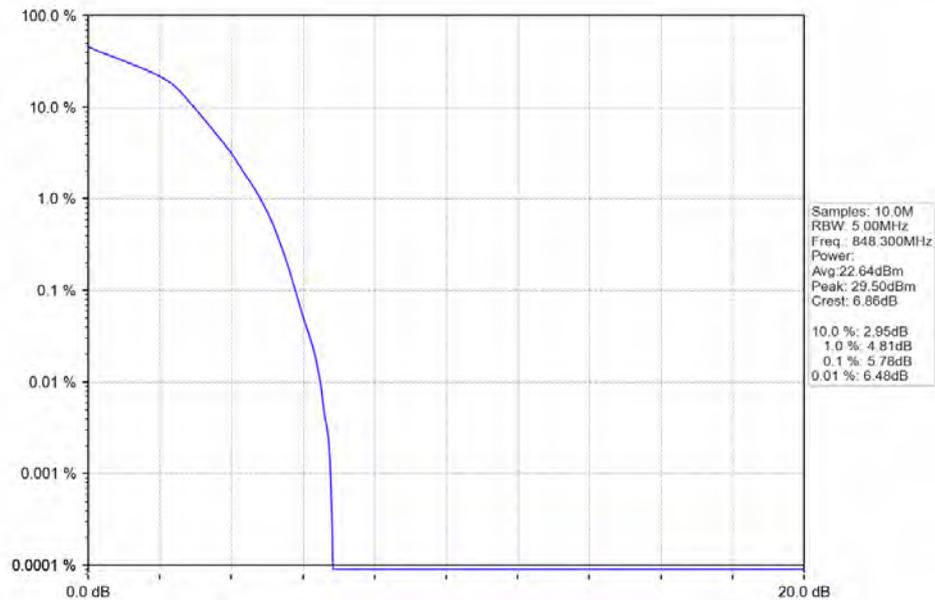
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

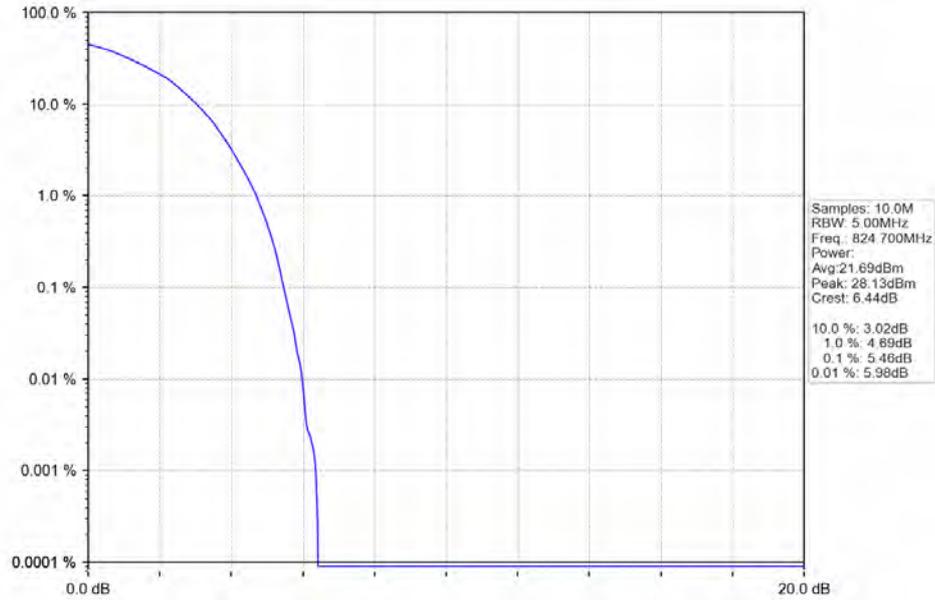




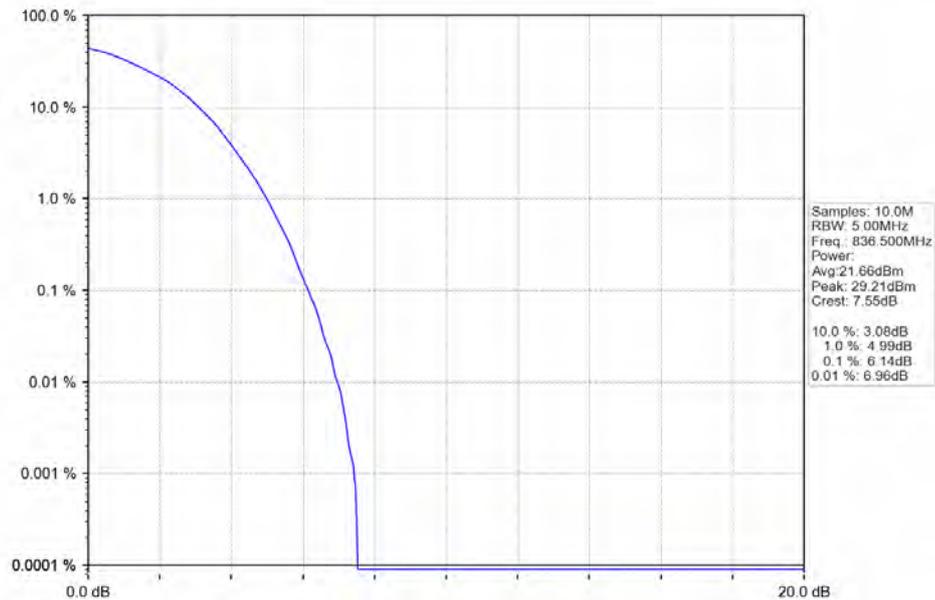
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_64QAM\_MCH\_836.5MHz\_RB\_6\_0\_NTNV

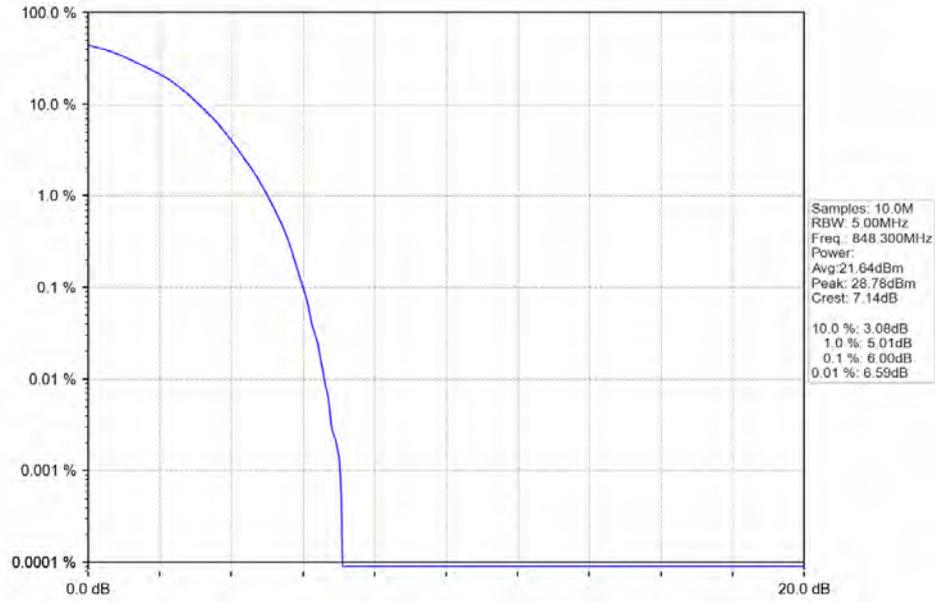




BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_64QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV





Test Report No.: W7L-P21100027RF14

B5\_3MHZ

TEST RESULT

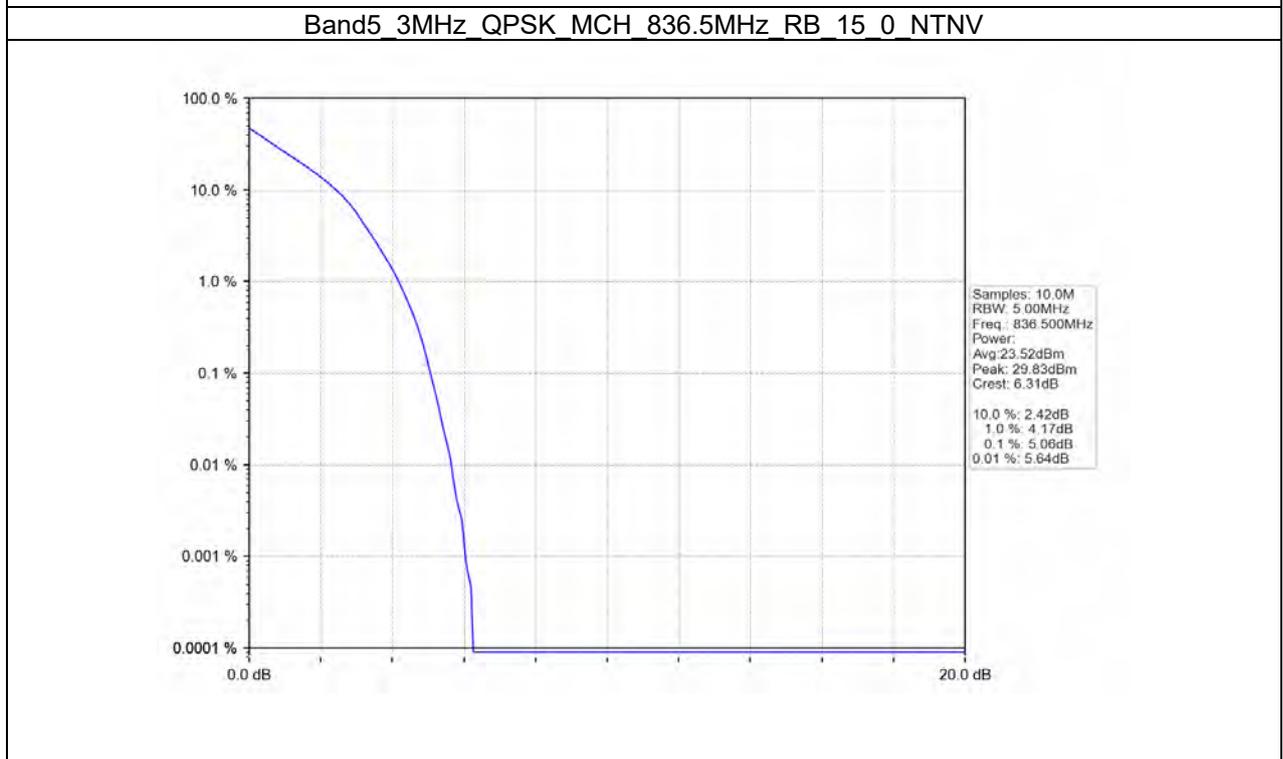
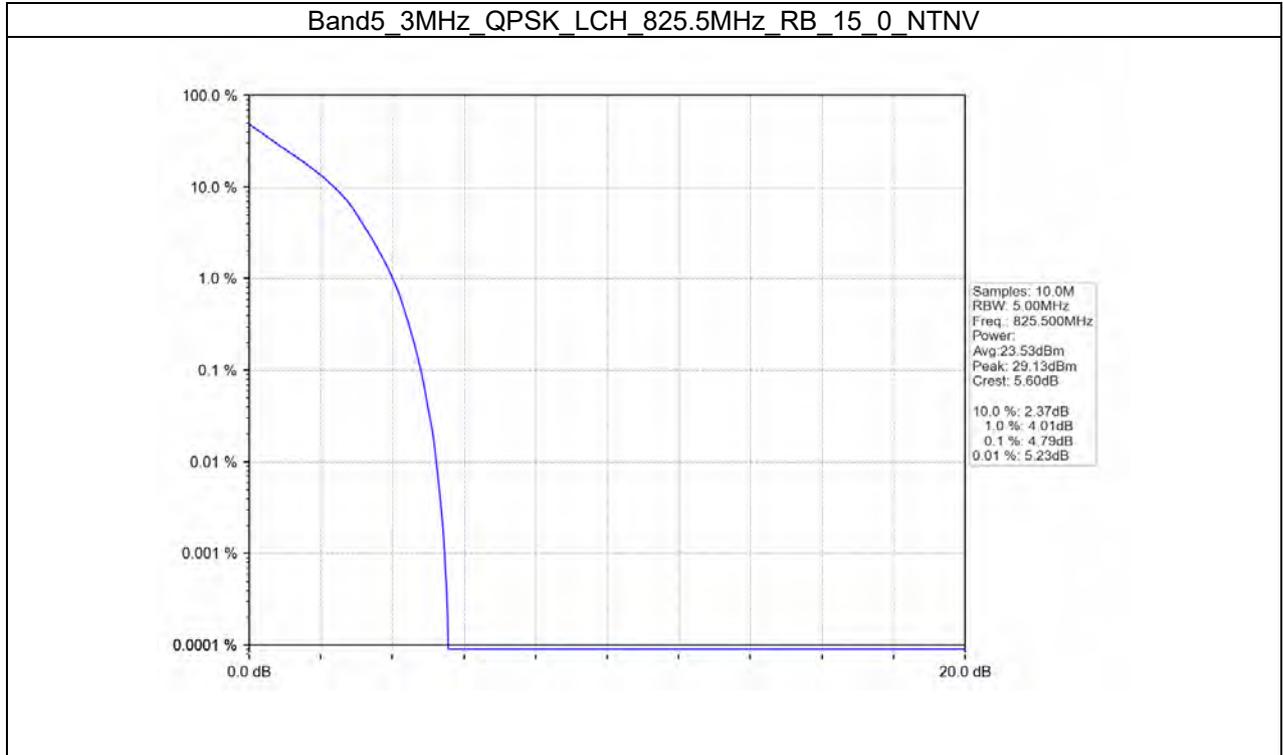
Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.79	<=13	Pass
	836.5	15	0	5.06	<=13	Pass
	847.5	15	0	5.04	<=13	Pass
16QAM	825.5	15	0	5.66	<=13	Pass
	836.5	15	0	5.88	<=13	Pass
	847.5	15	0	5.87	<=13	Pass
64QAM	825.5	15	0	5.77	<=13	Pass
	836.5	15	0	6.12	<=13	Pass
	847.5	15	0	6.02	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

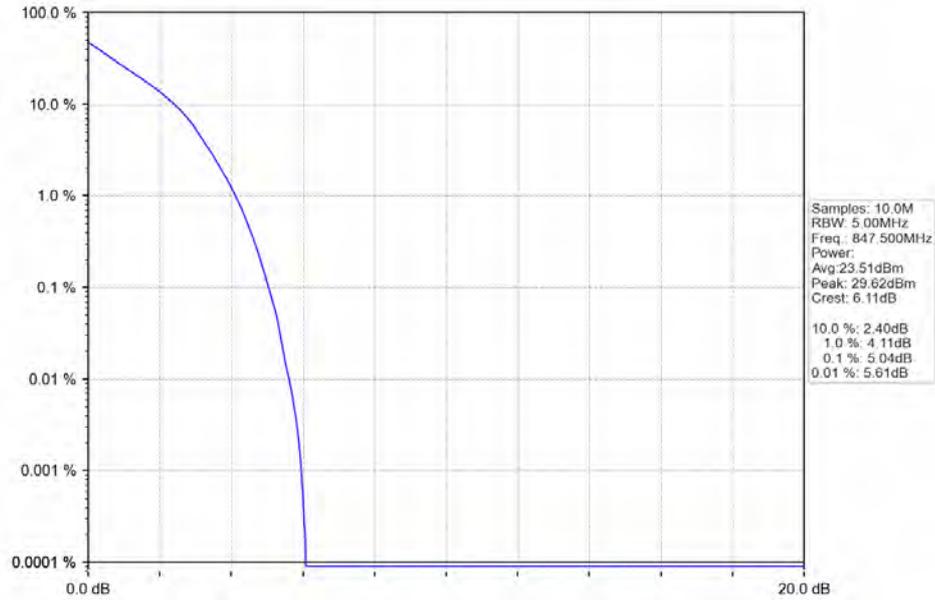




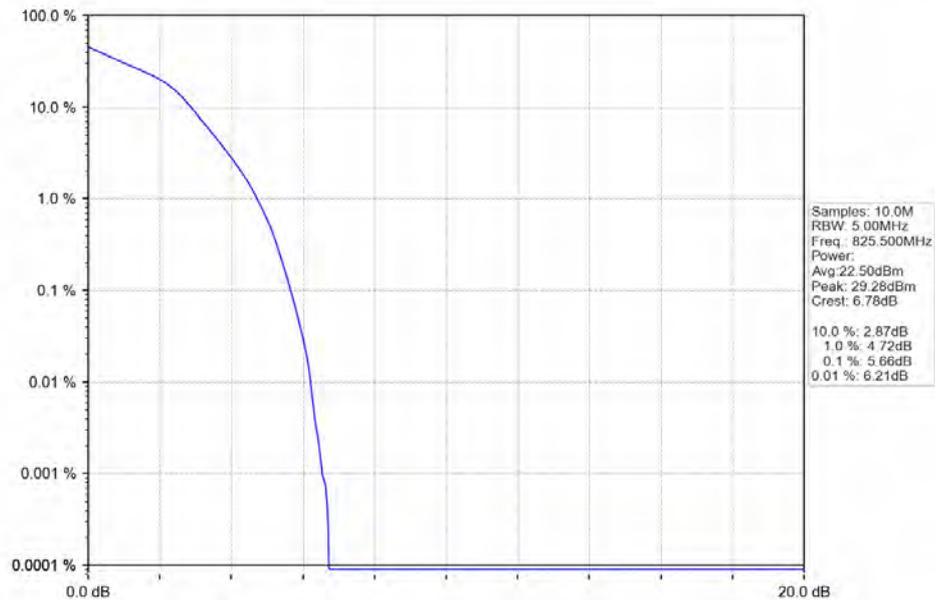
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_QPSK\_HCH\_847.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_LCH\_825.5MHz\_RB\_15\_0\_NTNV

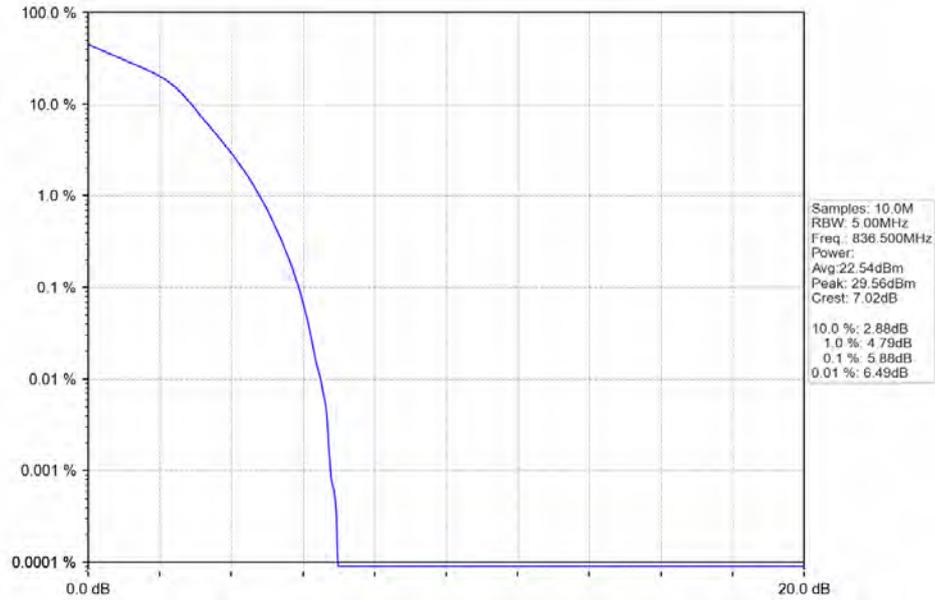




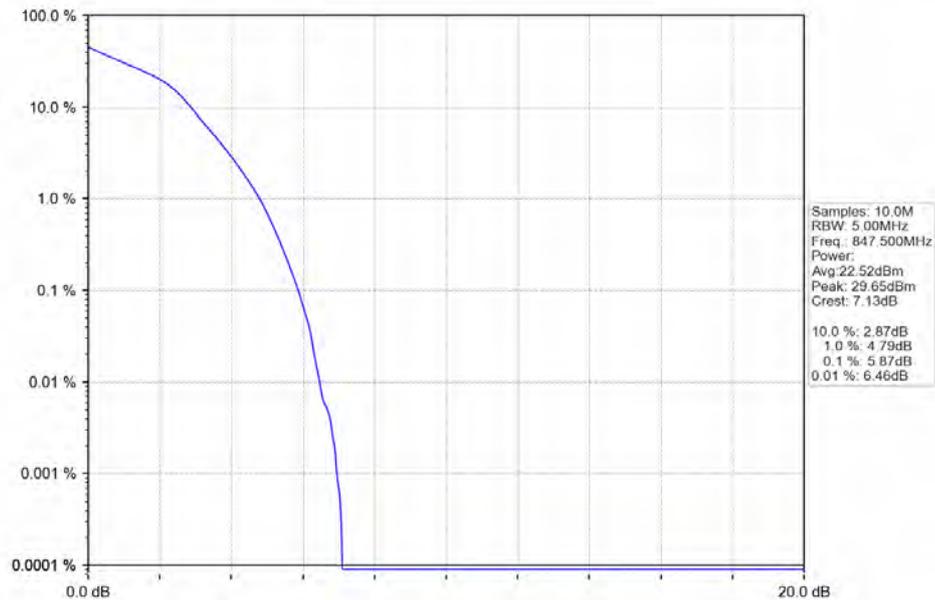
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_3MHz\_16QAM\_MCH\_836.5MHz\_RB\_15\_0\_NTNV



Band5\_3MHz\_16QAM\_HCH\_847.5MHz\_RB\_15\_0\_NTNV





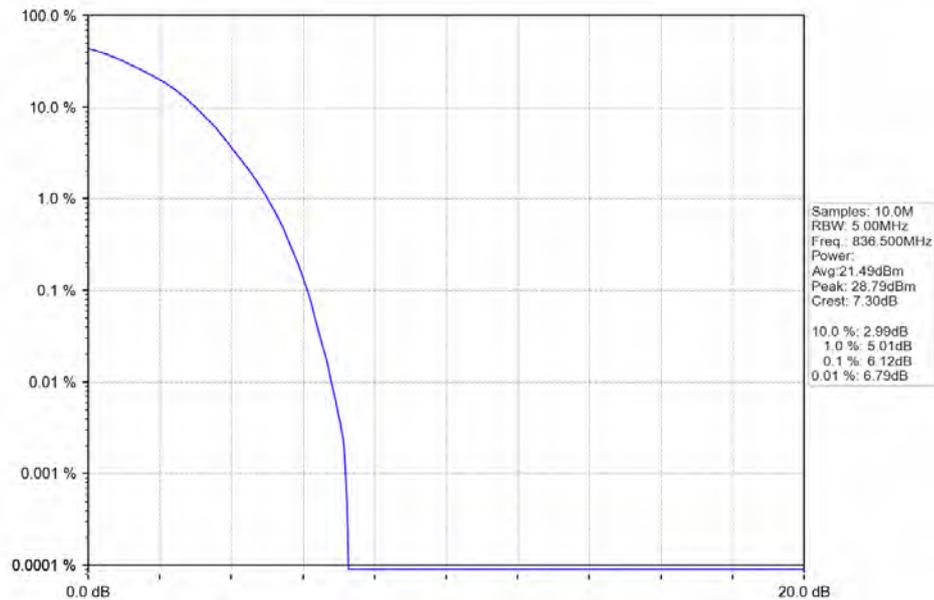
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5 3MHz 64QAM LCH 825.5MHz RB 15 0 NTN



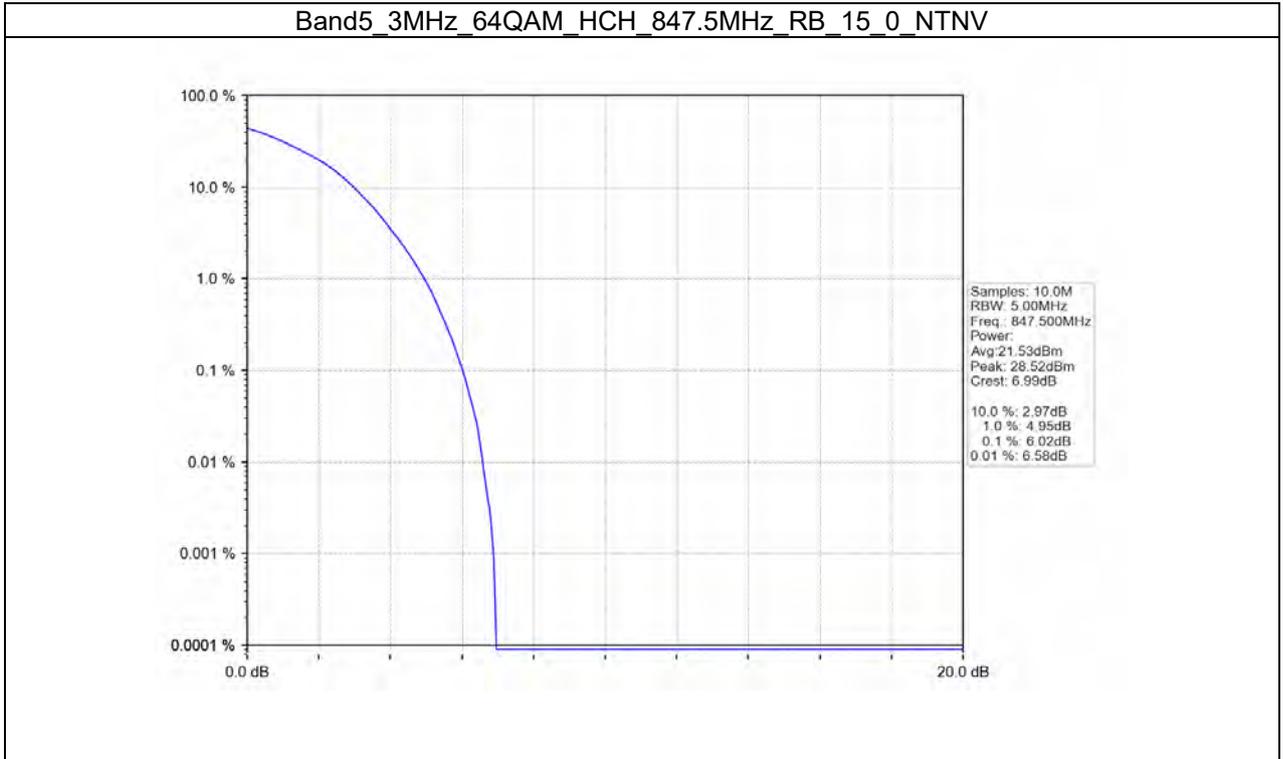
Band5 3MHz 64QAM MCH 836.5MHz RB 15 0 NTN





BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14





Test Report No.: W7L-P21100027RF14

B5\_5MHZ

TEST RESULT

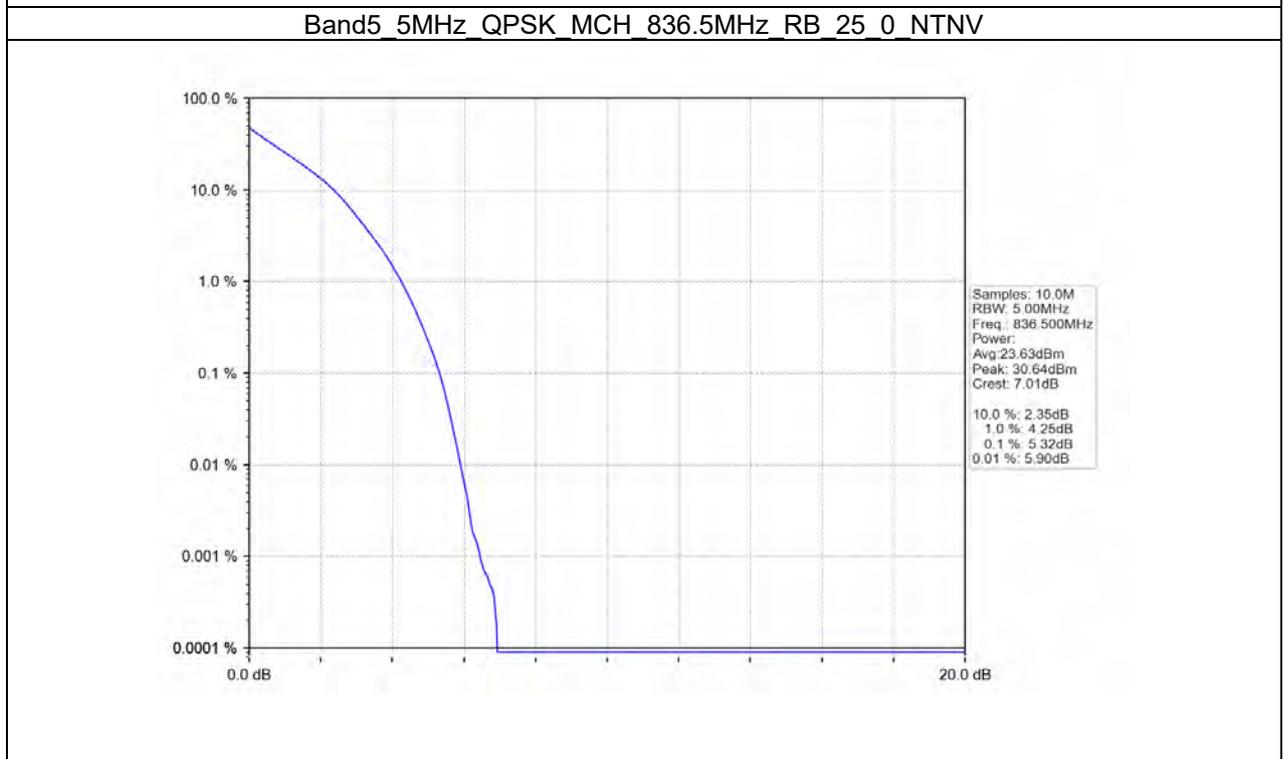
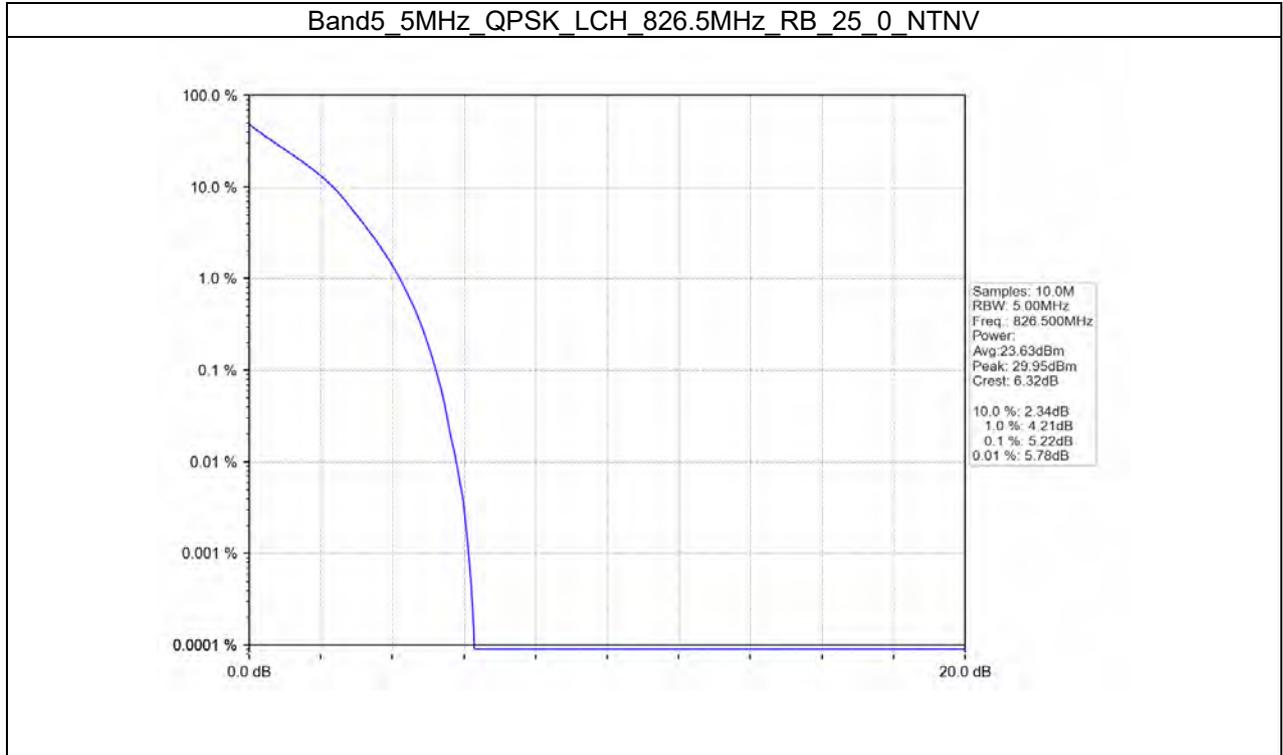
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.22	<=13	Pass
	836.5	25	0	5.32	<=13	Pass
	846.5	25	0	5.21	<=13	Pass
16QAM	826.5	25	0	5.90	<=13	Pass
	836.5	25	0	6.01	<=13	Pass
	846.5	25	0	5.93	<=13	Pass
64QAM	826.5	25	0	6.04	<=13	Pass
	836.5	25	0	6.15	<=13	Pass
	846.5	25	0	6.10	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

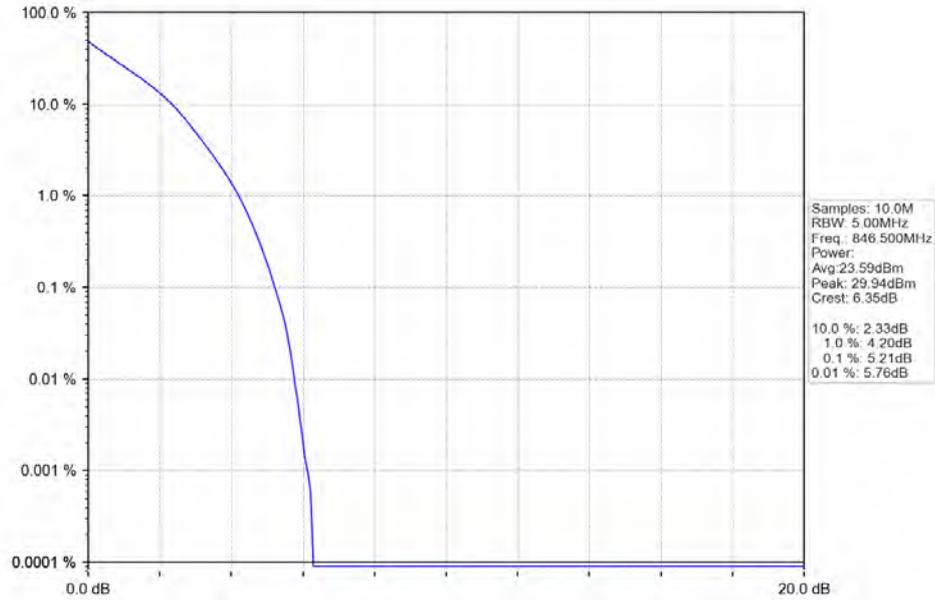




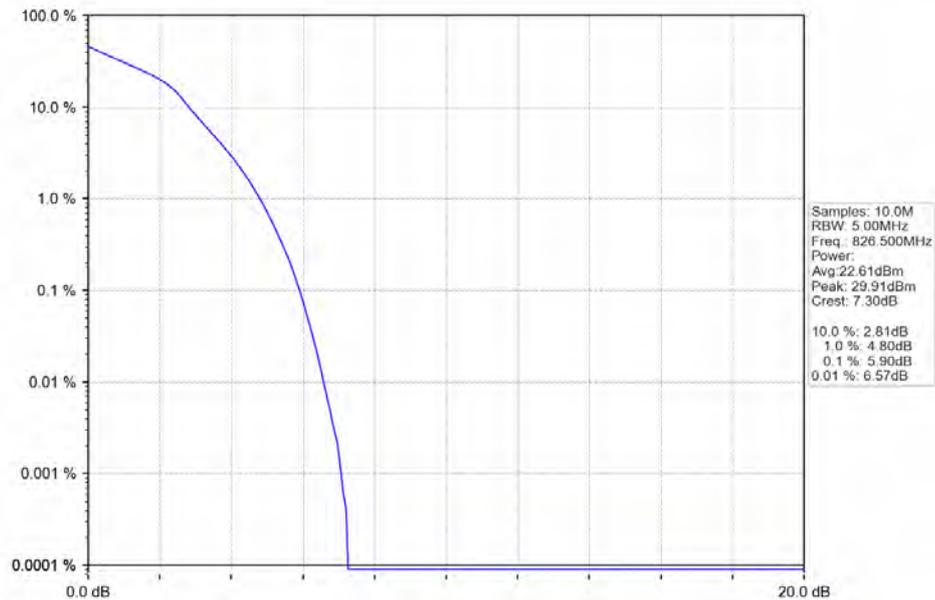
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_QPSK\_HCH\_846.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_LCH\_826.5MHz\_RB\_25\_0\_NTNV

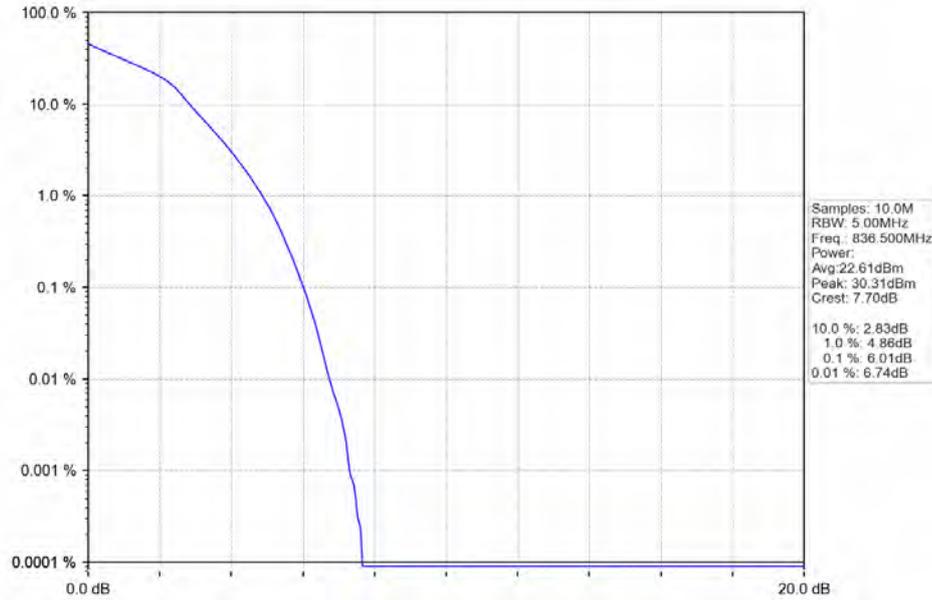




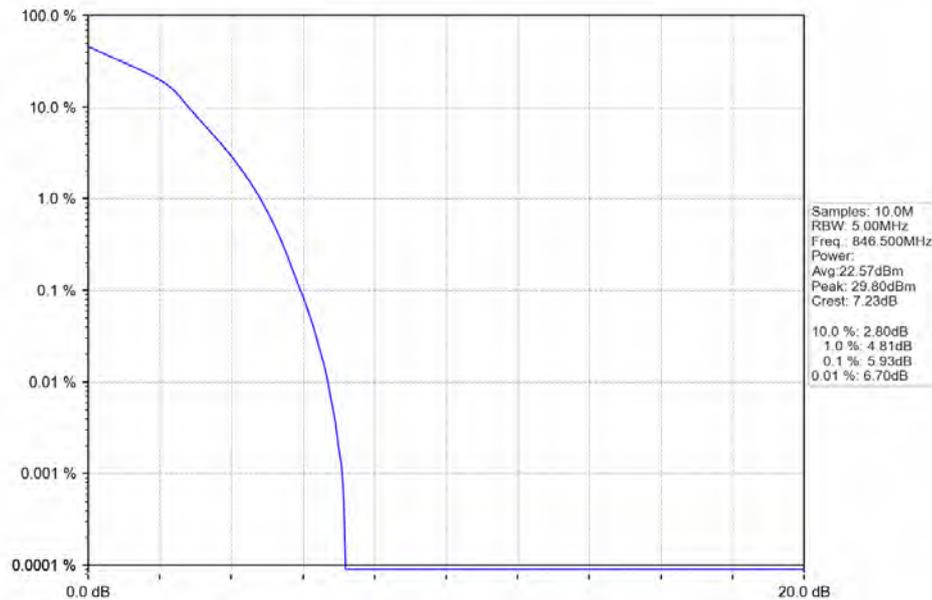
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_16QAM\_MCH\_836.5MHz\_RB\_25\_0\_NTNV



Band5\_5MHz\_16QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV

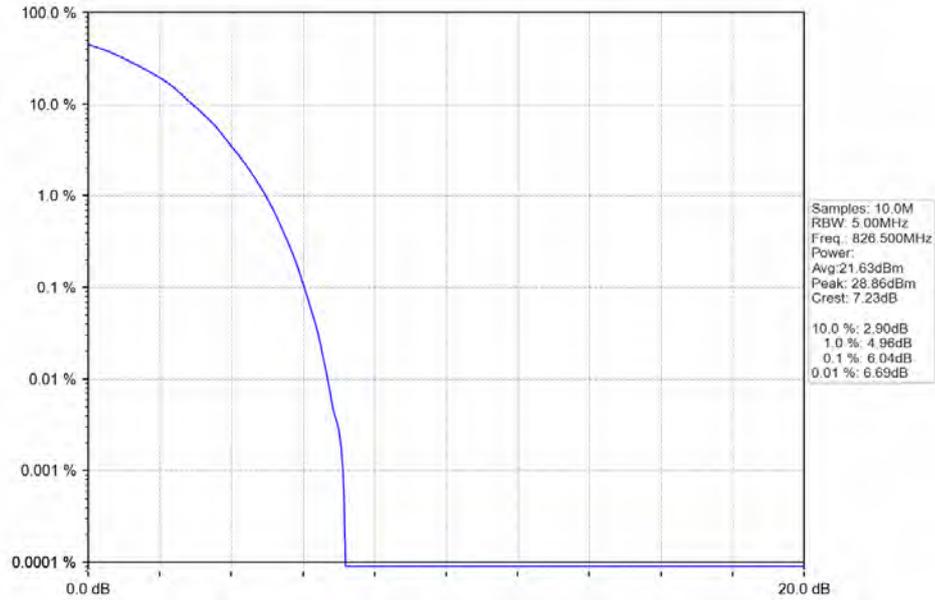




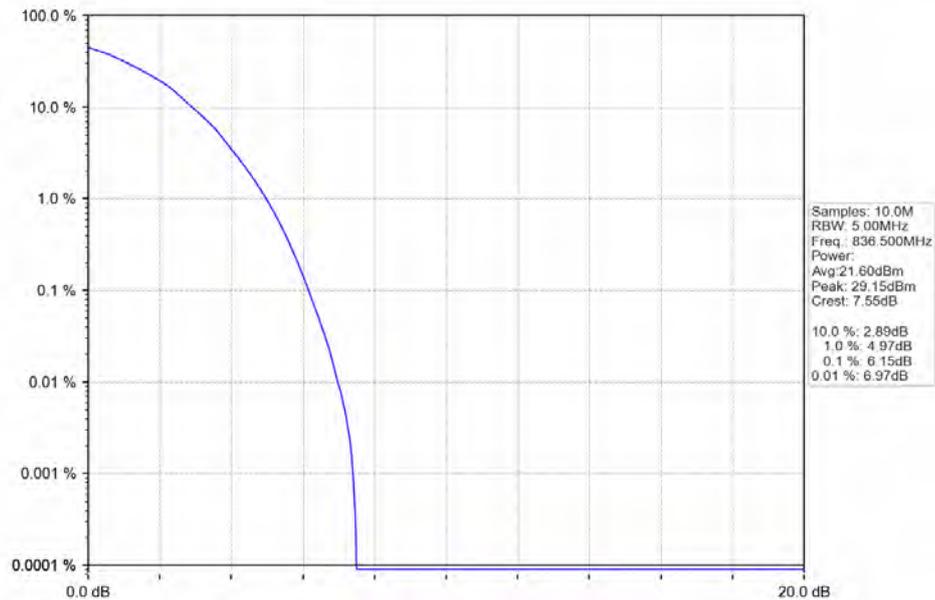
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTN



Band5 5MHz 64QAM MCH 836.5MHz RB 25 0 NTN

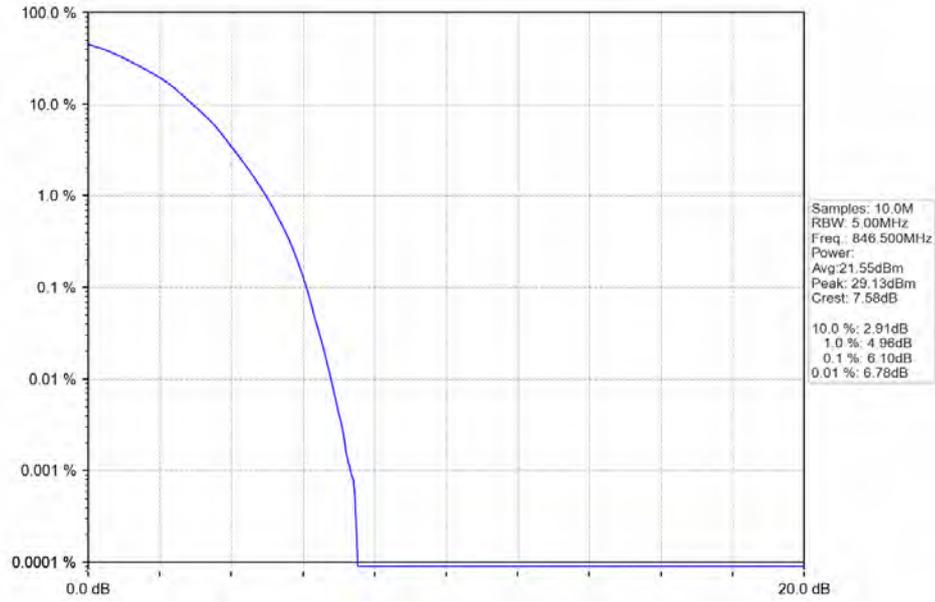




BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_5MHz\_64QAM\_HCH\_846.5MHz\_RB\_25\_0\_NTNV





**BUREAU**  
**VERITAS**

Test Report No.: W7L-P21100027RF14

B5\_10MHz

Test Result

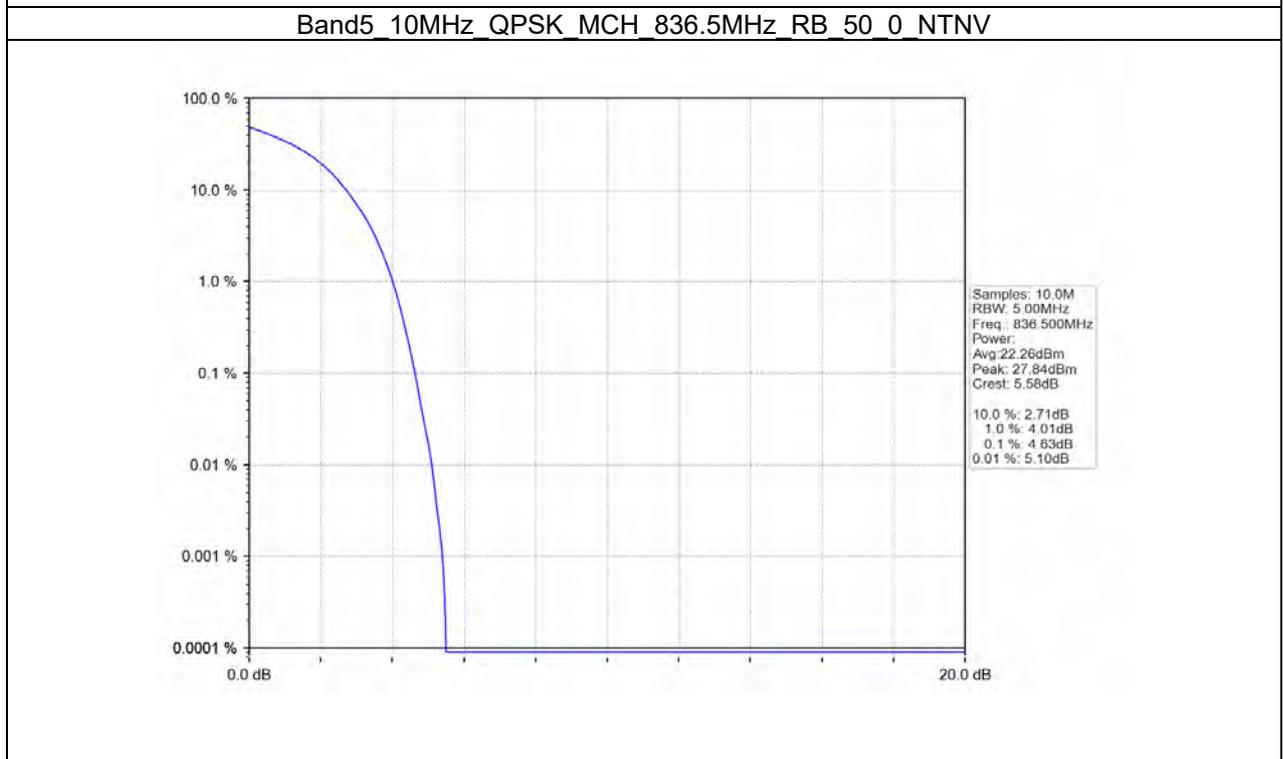
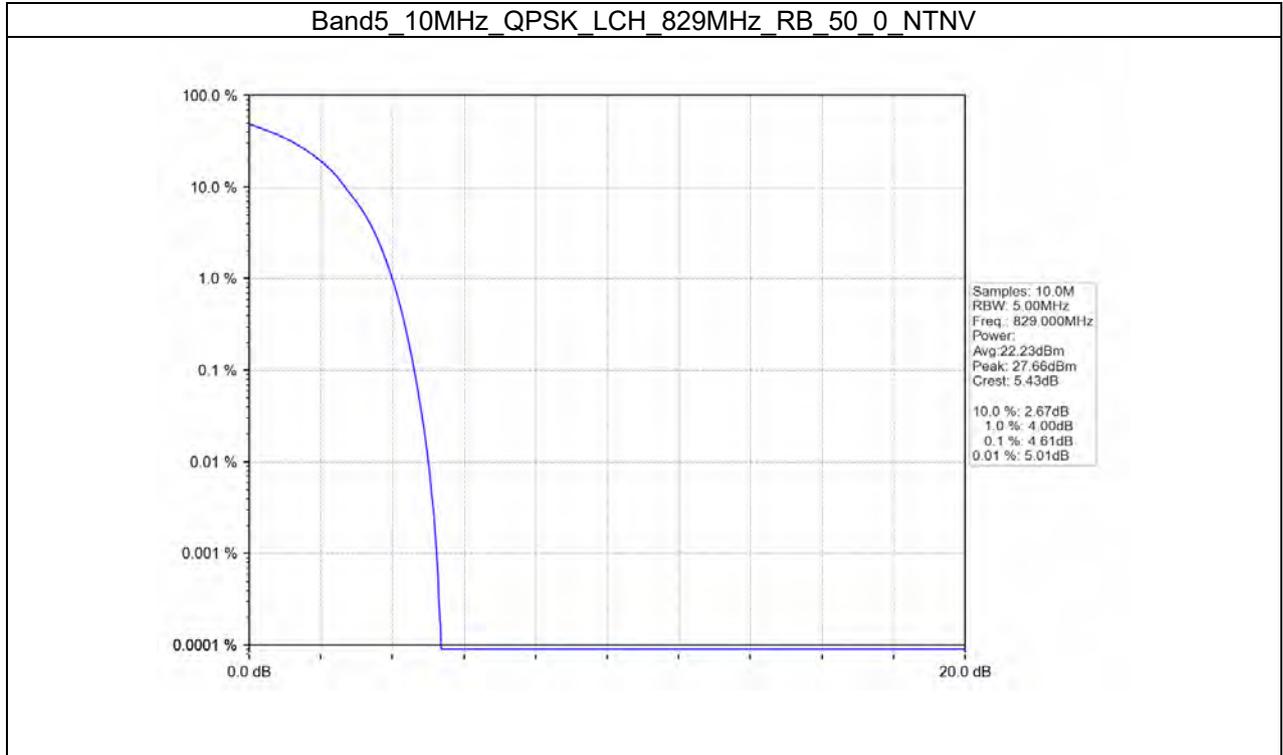
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.61	<=13	Pass
	836.5	50	0	4.63	<=13	Pass
	844	50	0	4.56	<=13	Pass
16QAM	829	50	0	6.02	<=13	Pass
	836.5	50	0	5.97	<=13	Pass
	844	50	0	5.97	<=13	Pass
64QAM	829	50	0	6.27	<=13	Pass
	836.5	50	0	6.24	<=13	Pass
	844	50	0	6.22	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

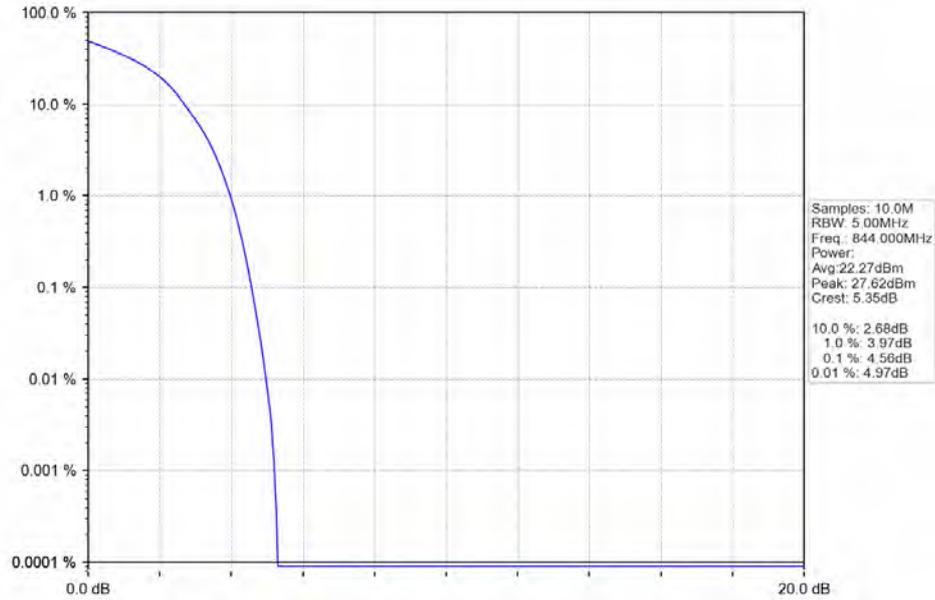




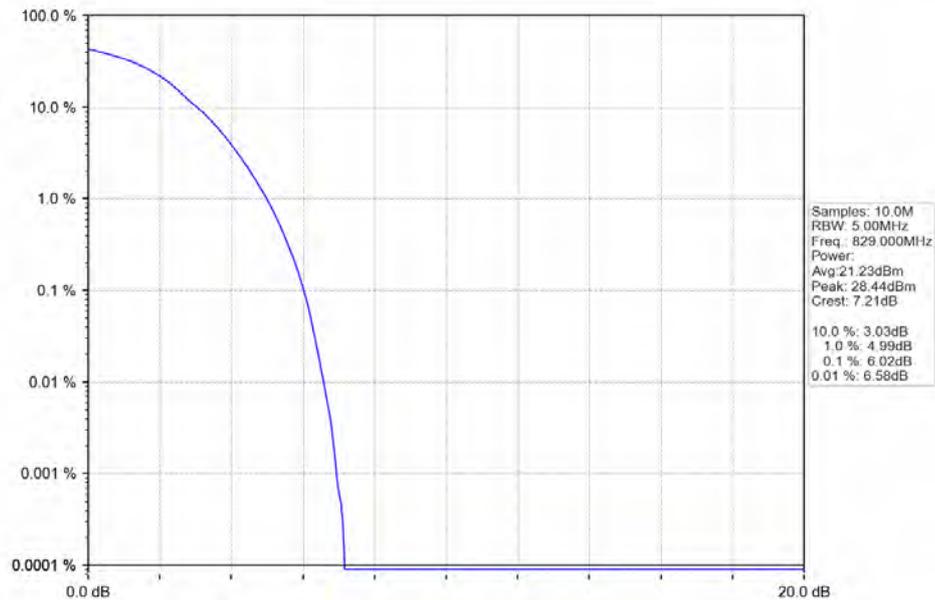
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_QPSK\_HCH\_844MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV

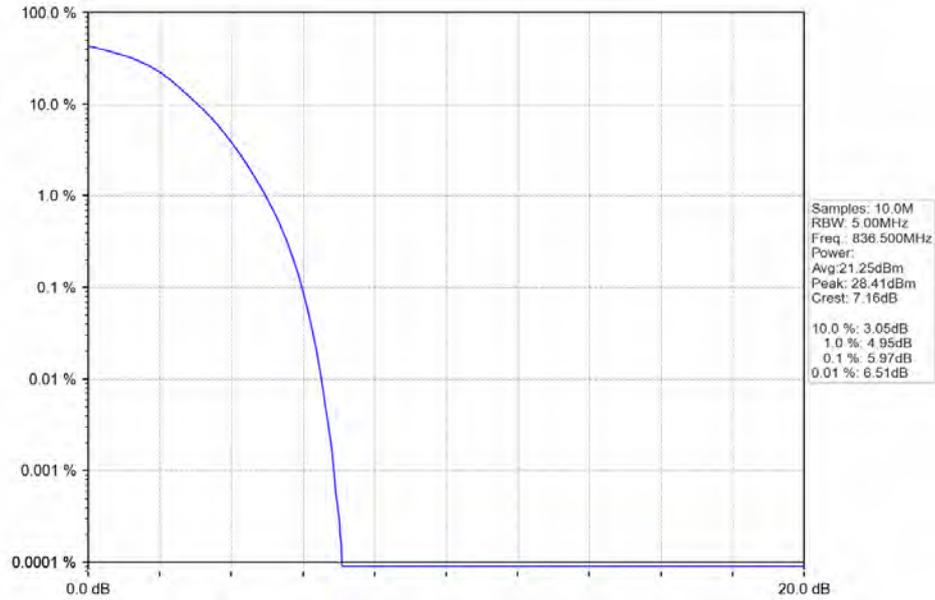




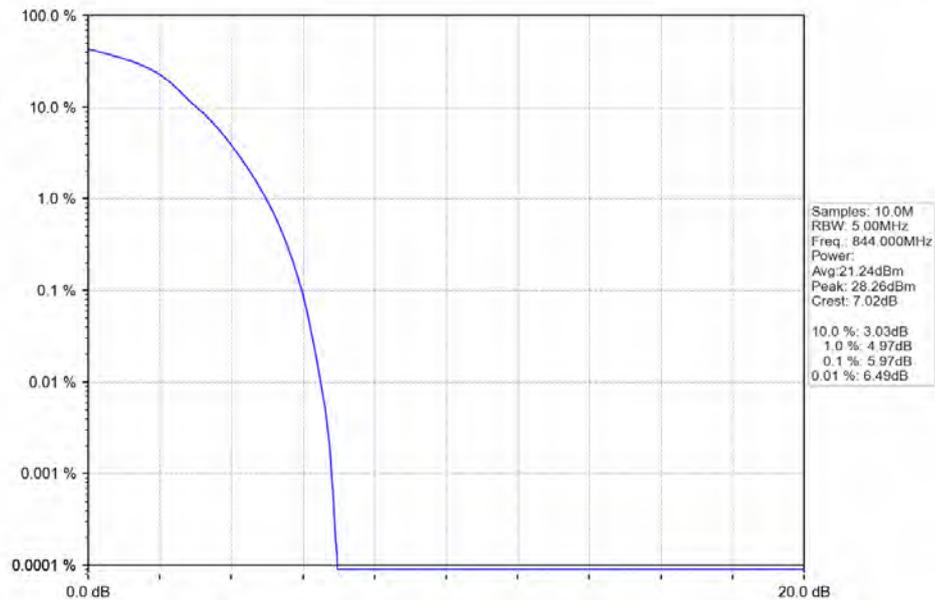
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_16QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV



Band5\_10MHz\_16QAM\_HCH\_844MHz\_RB\_50\_0\_NTNV

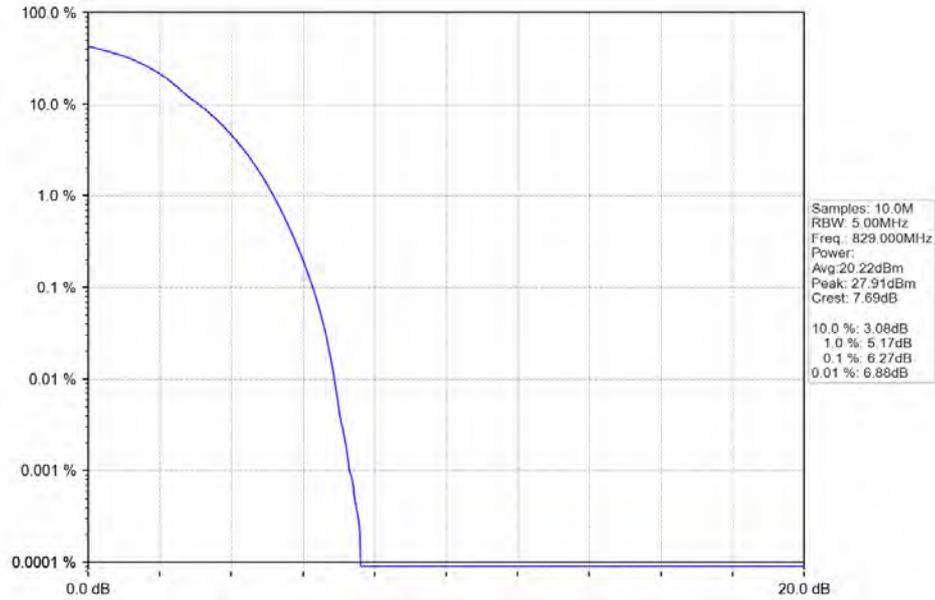




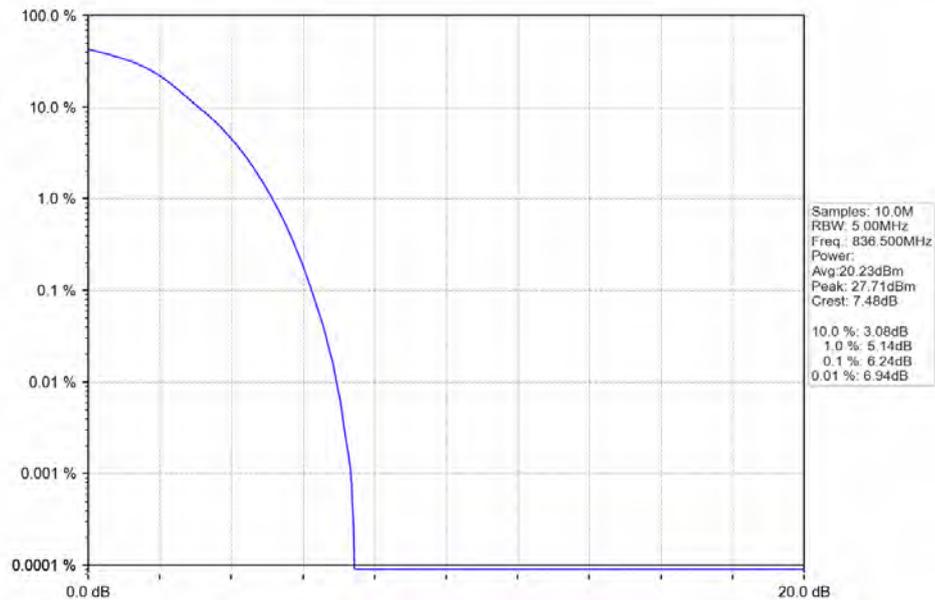
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_10MHz\_64QAM\_LCH\_829MHz\_RB\_50\_0\_NTNV



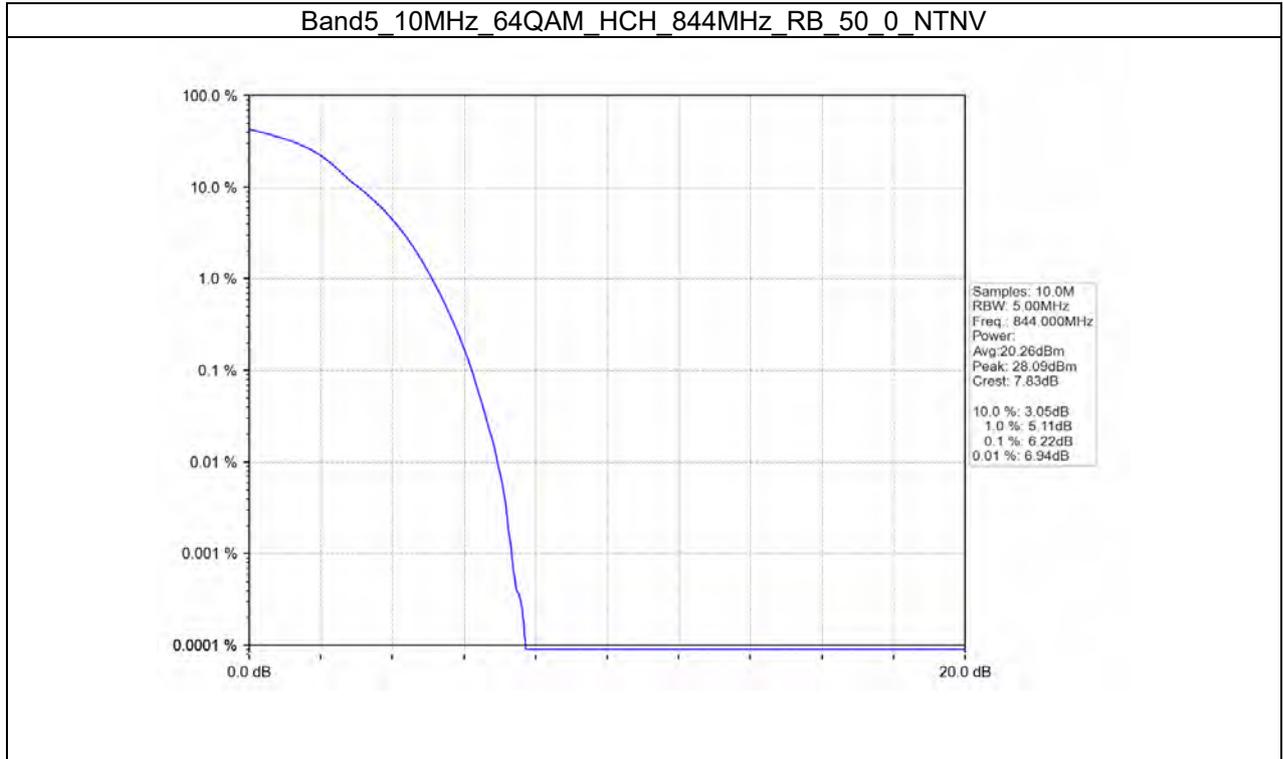
Band5\_10MHz\_64QAM\_MCH\_836.5MHz\_RB\_50\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14





SPURIOUS EMISSION

B5\_1.4MHZ

TEST RESULT

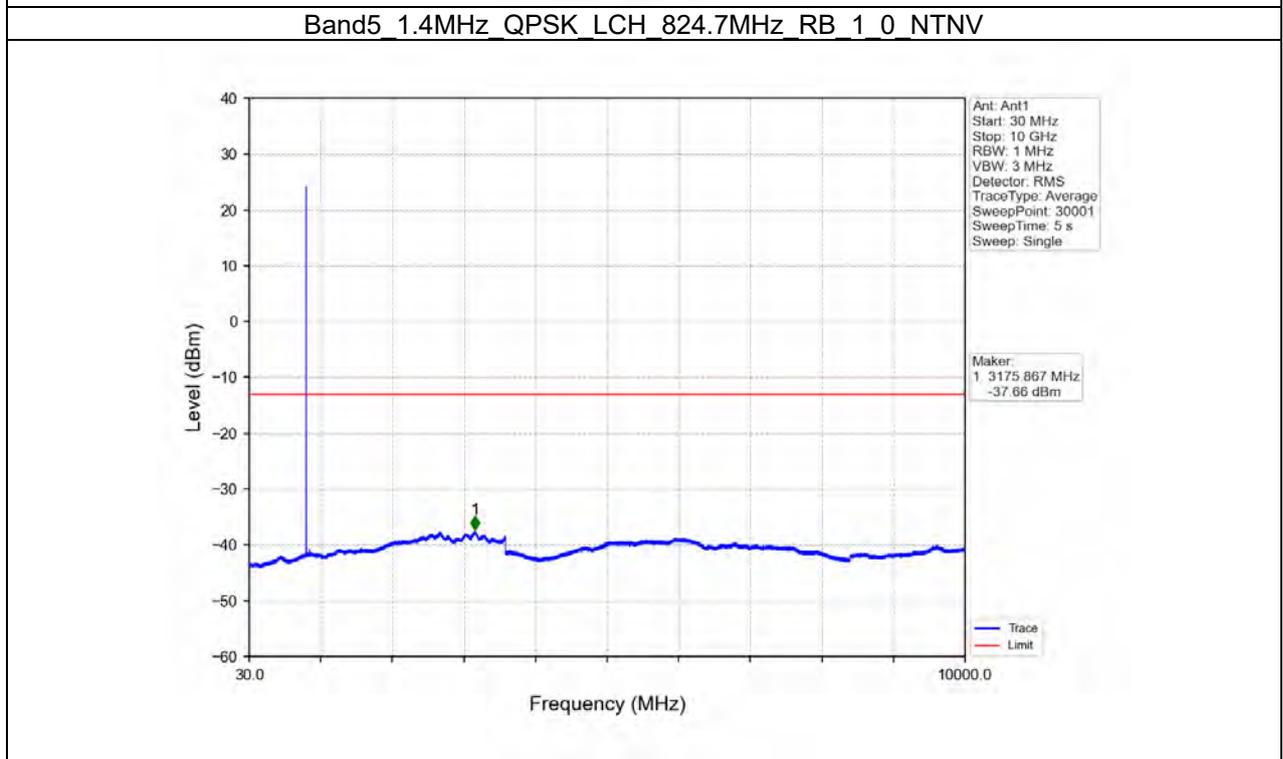
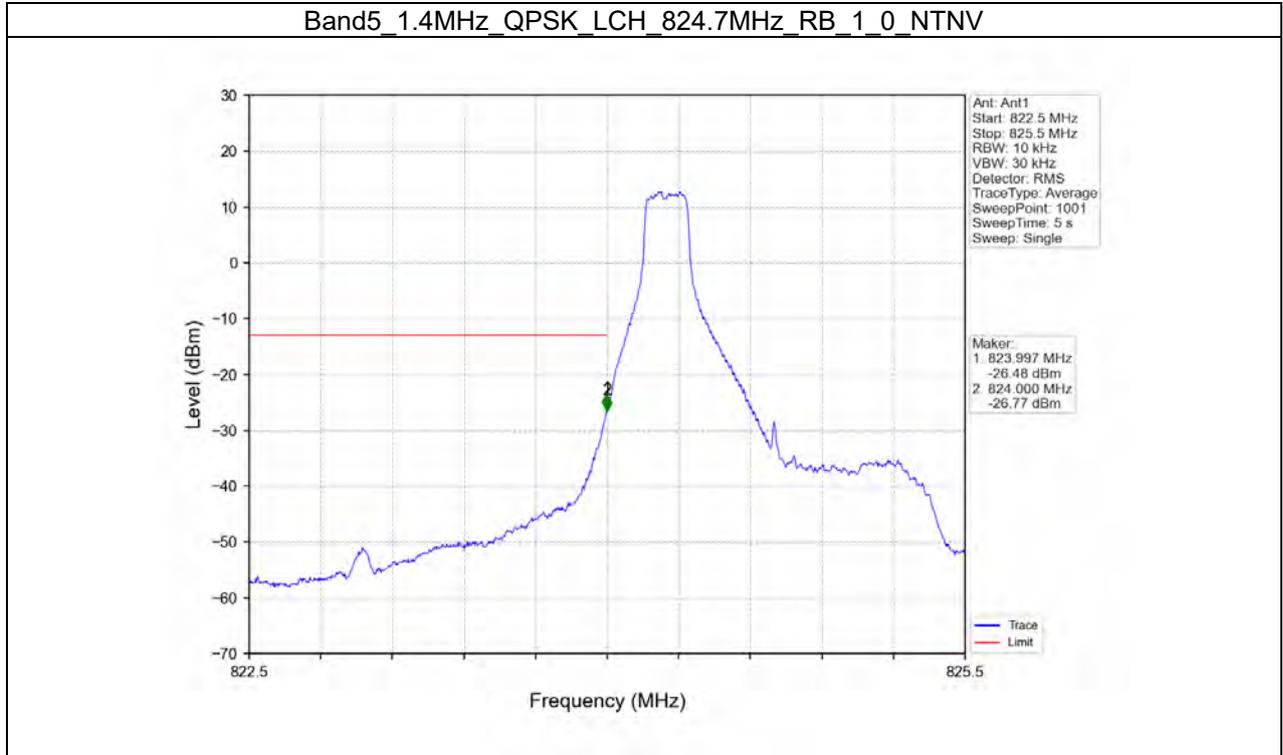
Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

### TEST GRAPH

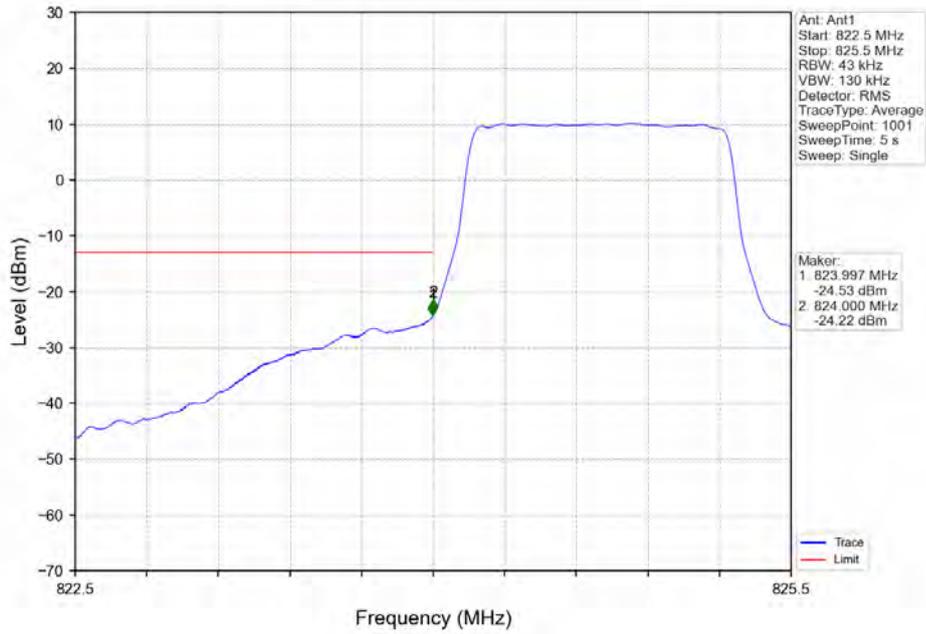




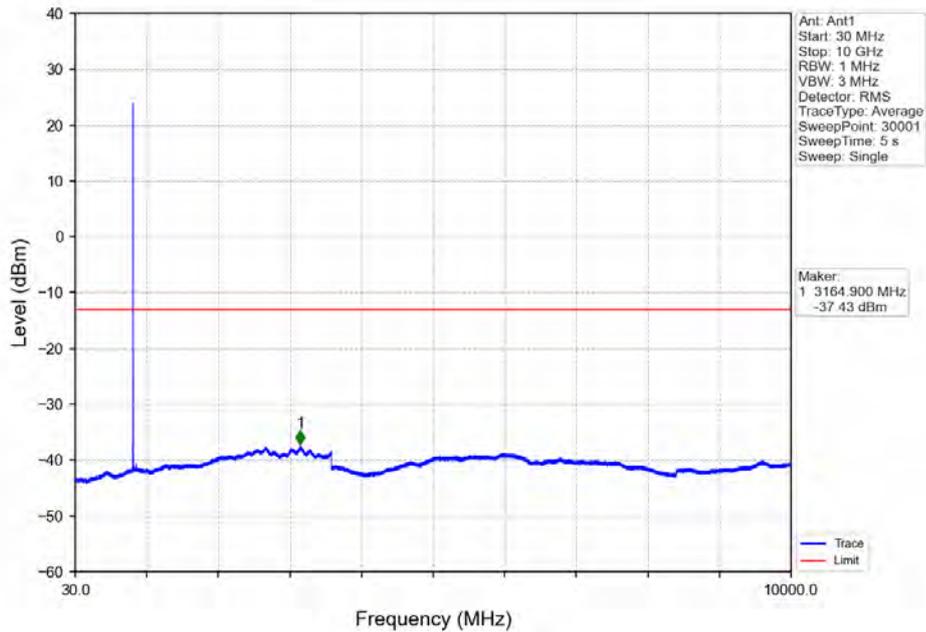
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_QPSK\_LCH\_824.7MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_QPSK\_MCH\_836.5MHz\_RB\_1\_0\_NTNV

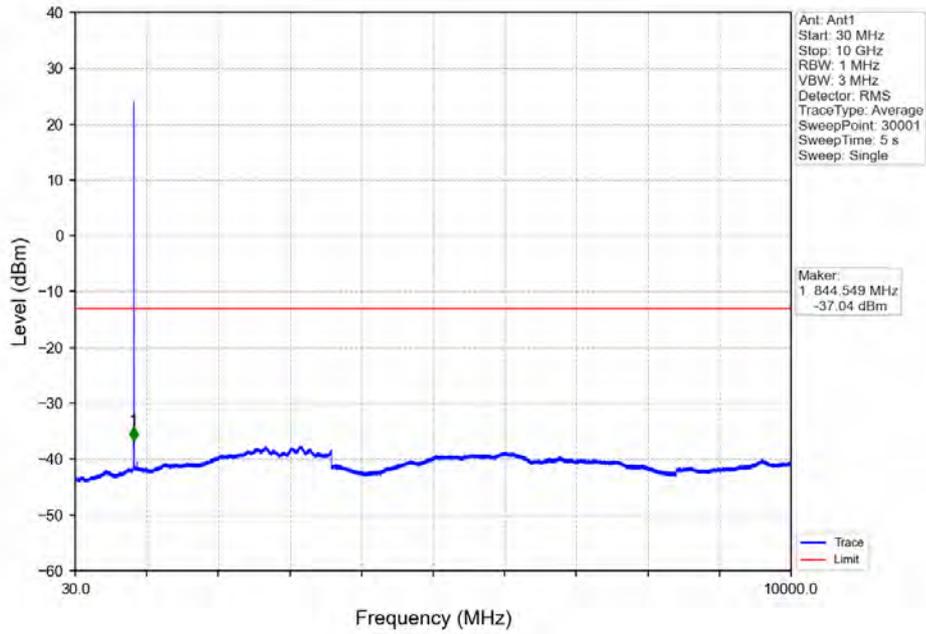




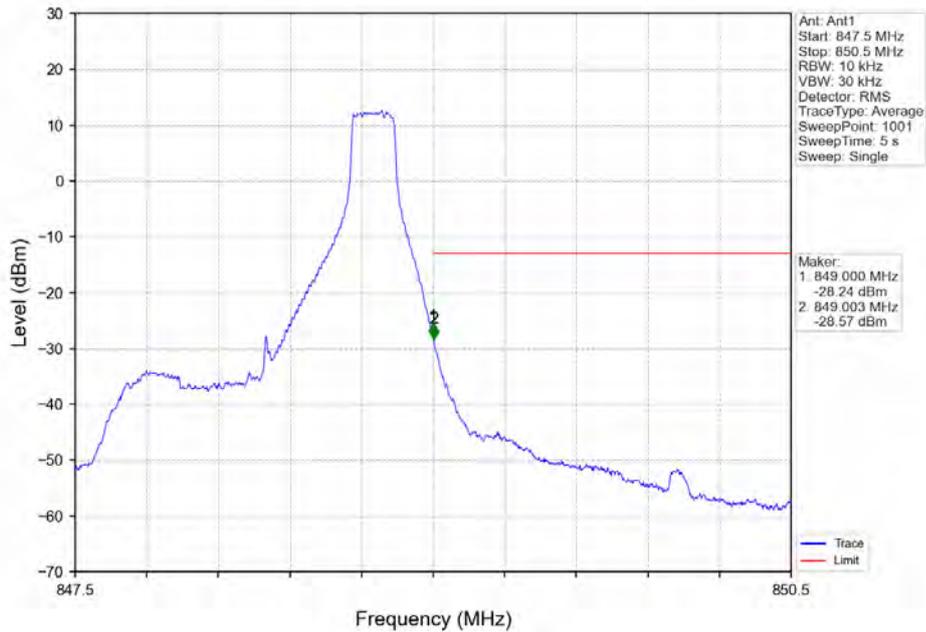
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_1\_5\_NTNV

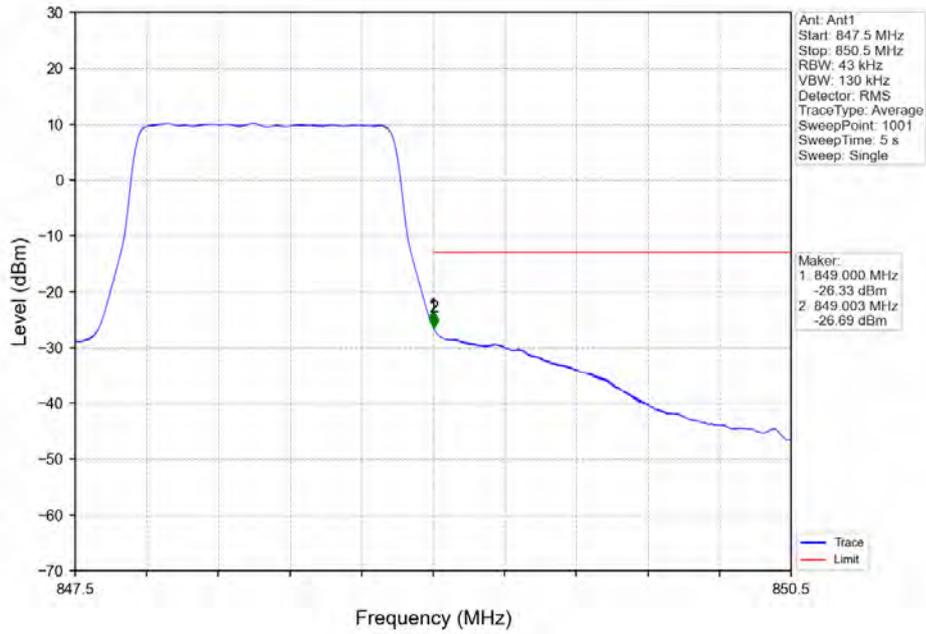




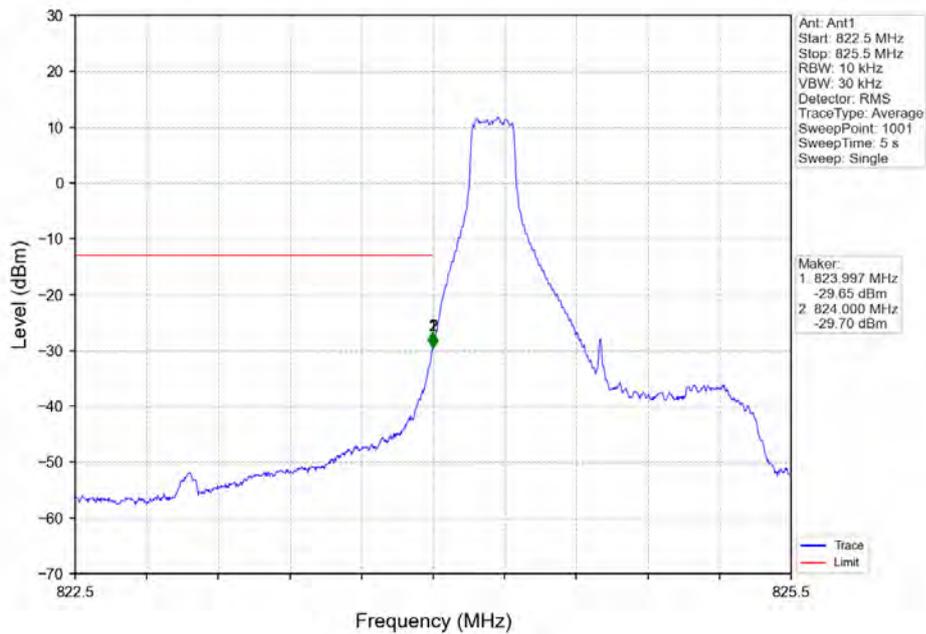
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_QPSK\_HCH\_848.3MHz\_RB\_6\_0\_NTNV



Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV

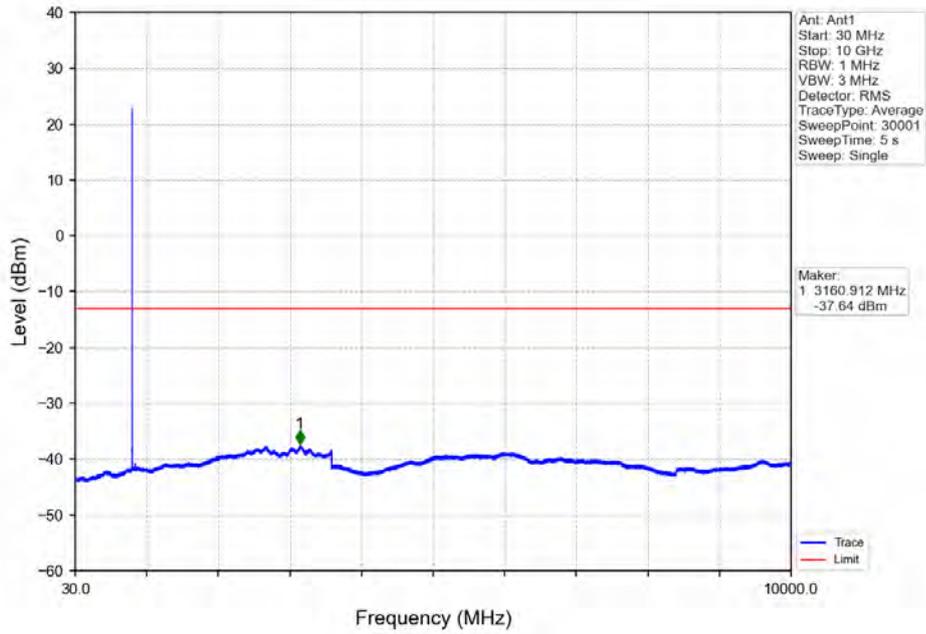




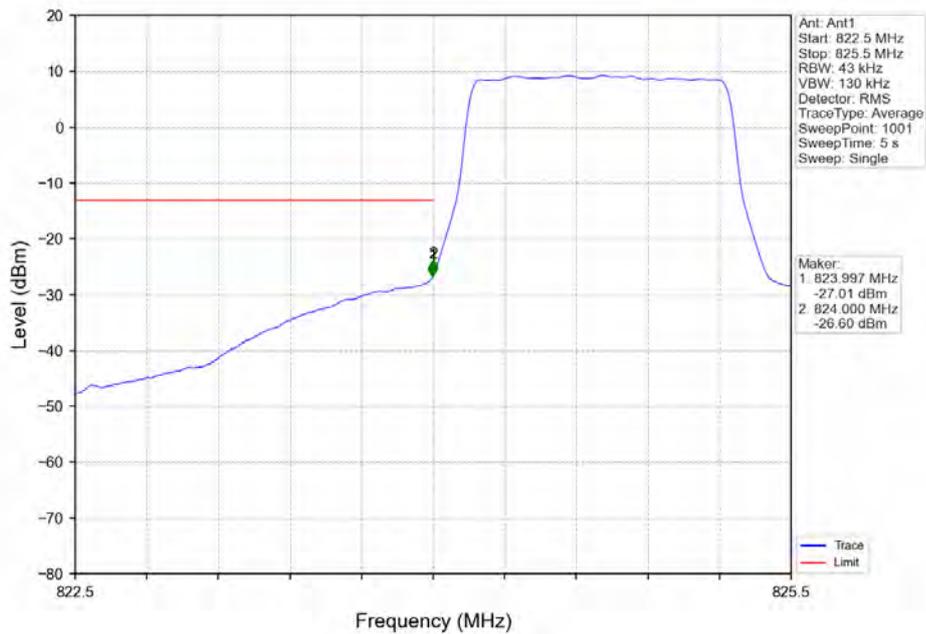
BUREAU  
VERITAS

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Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_16QAM\_LCH\_824.7MHz\_RB\_6\_0\_NTNV

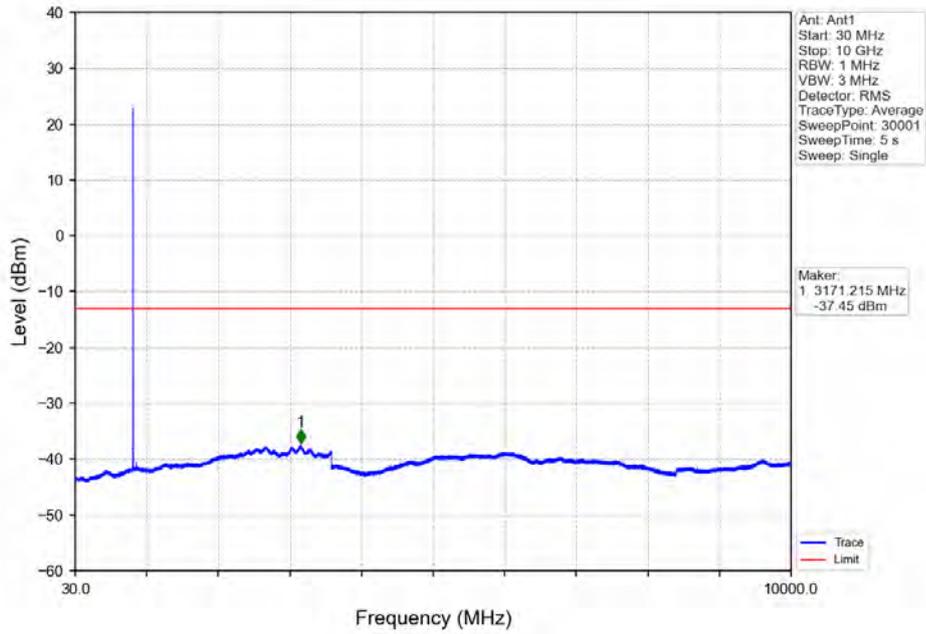




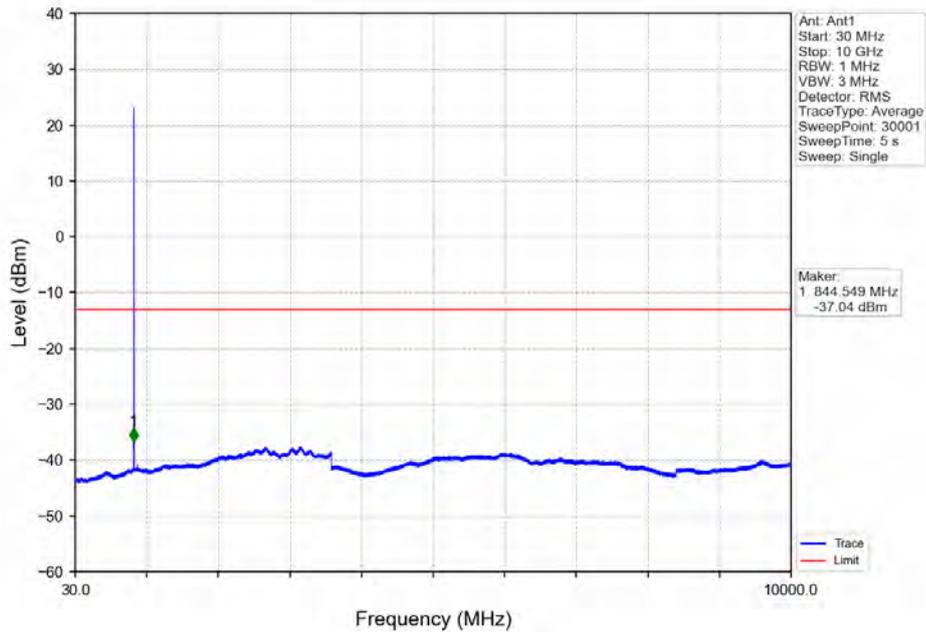
BUREAU  
VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_16QAM\_MCH\_836.5MHz\_RB\_1\_0\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_0\_NTNV

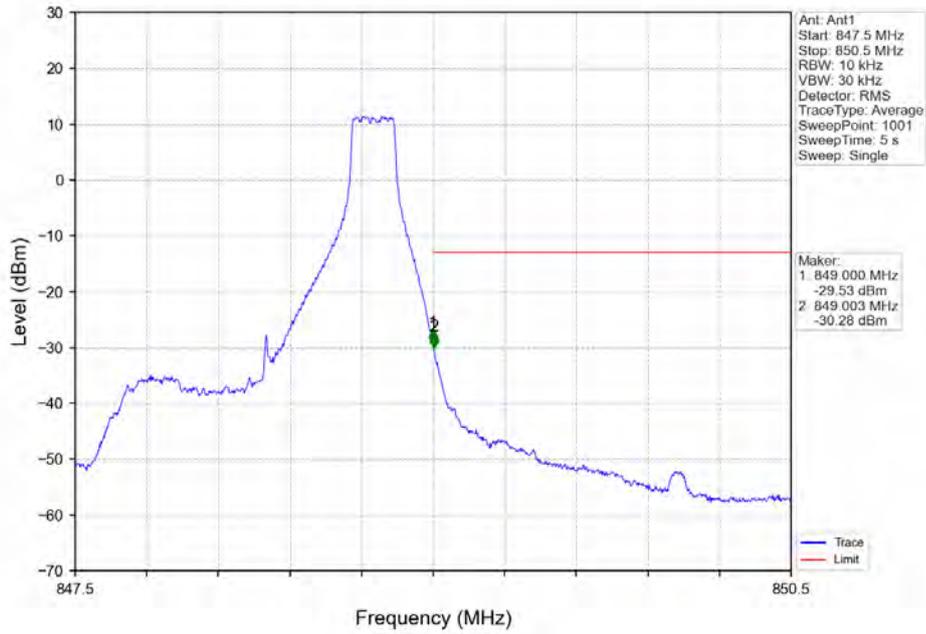




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VERITAS

Test Report No.: W7L-P21100027RF14

Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_1\_5\_NTNV



Band5\_1.4MHz\_16QAM\_HCH\_848.3MHz\_RB\_6\_0\_NTNV

