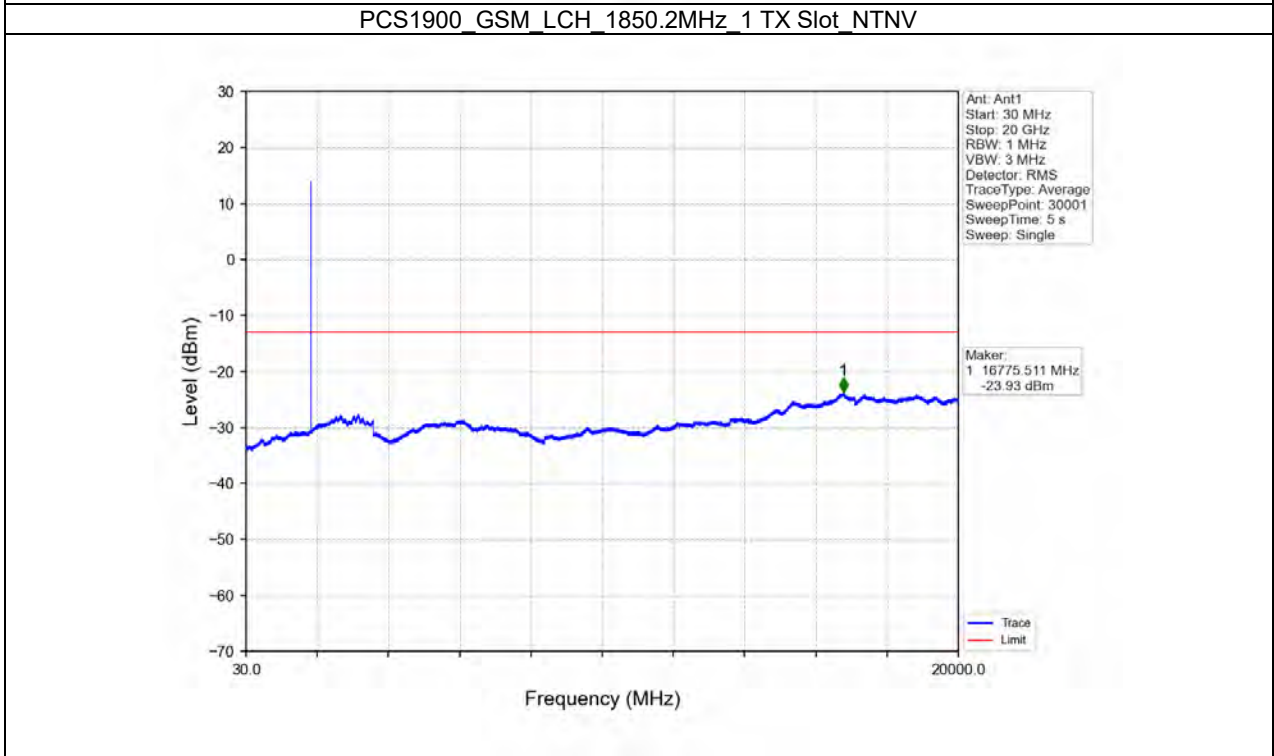
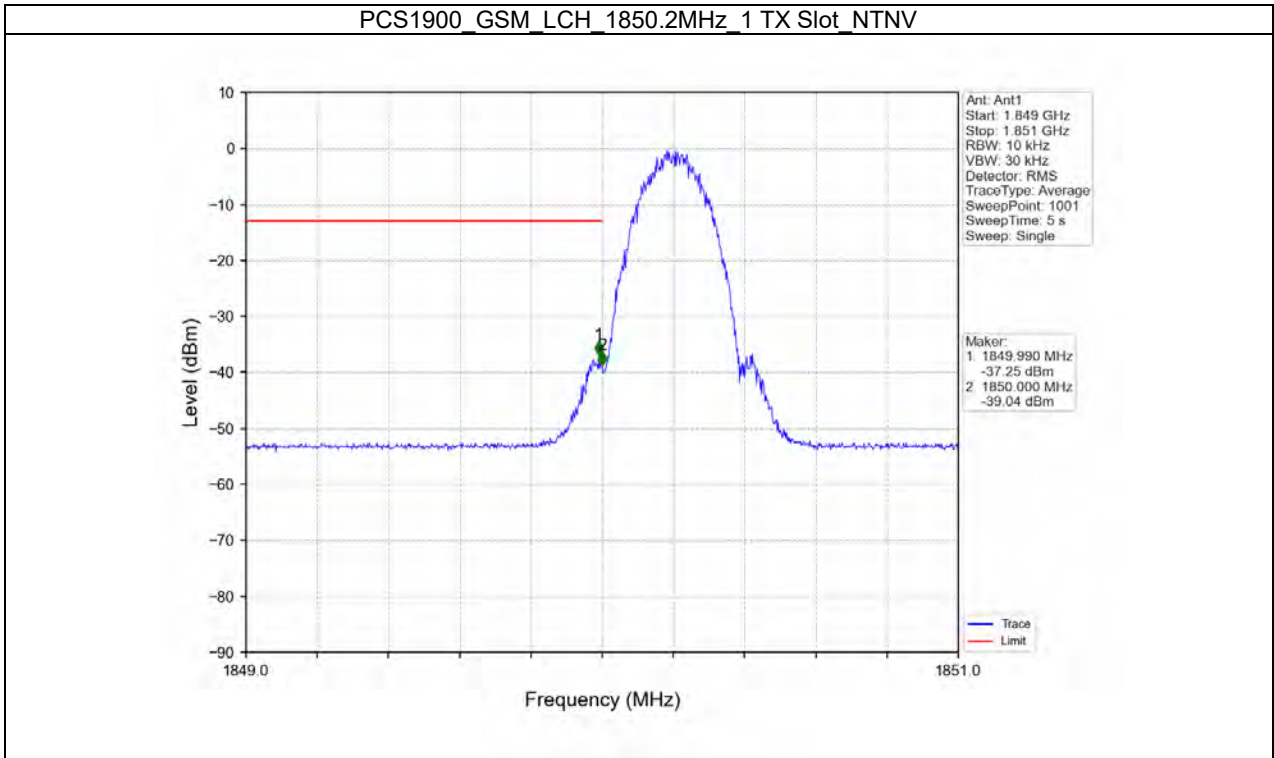




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Test Report No.: W7L-P22090015-4RF05

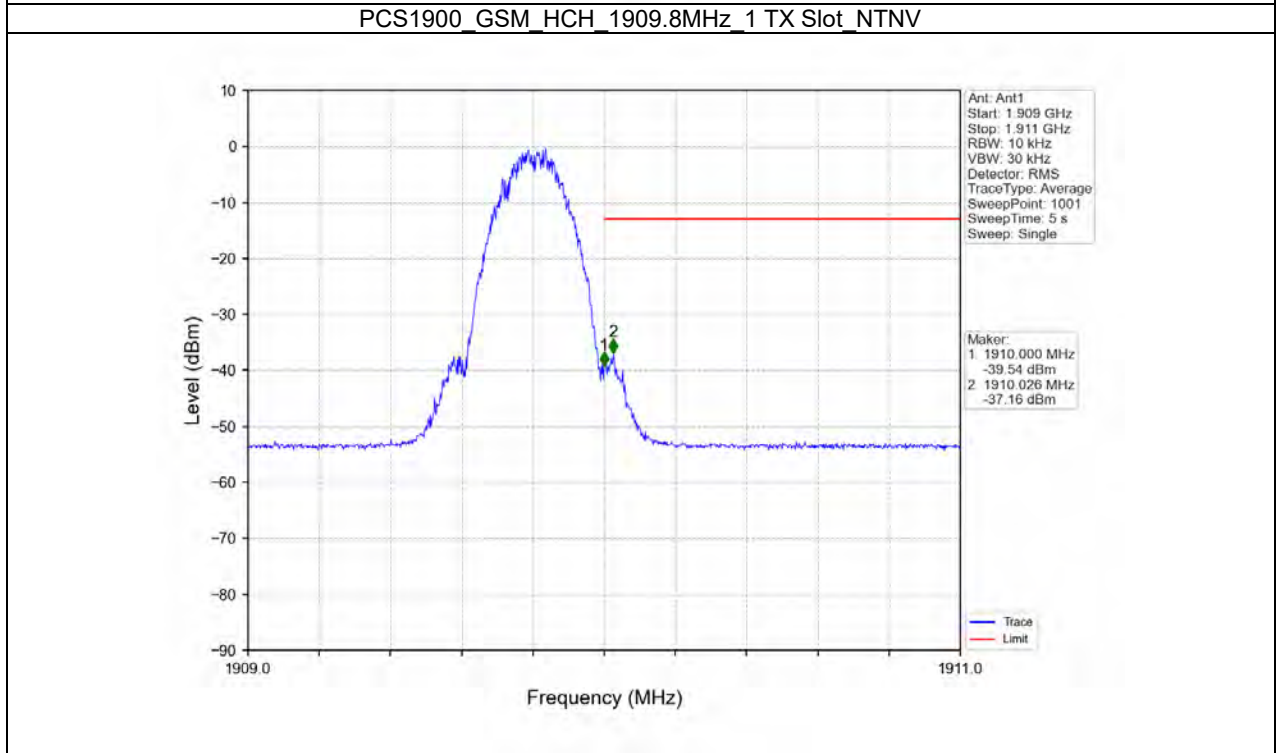
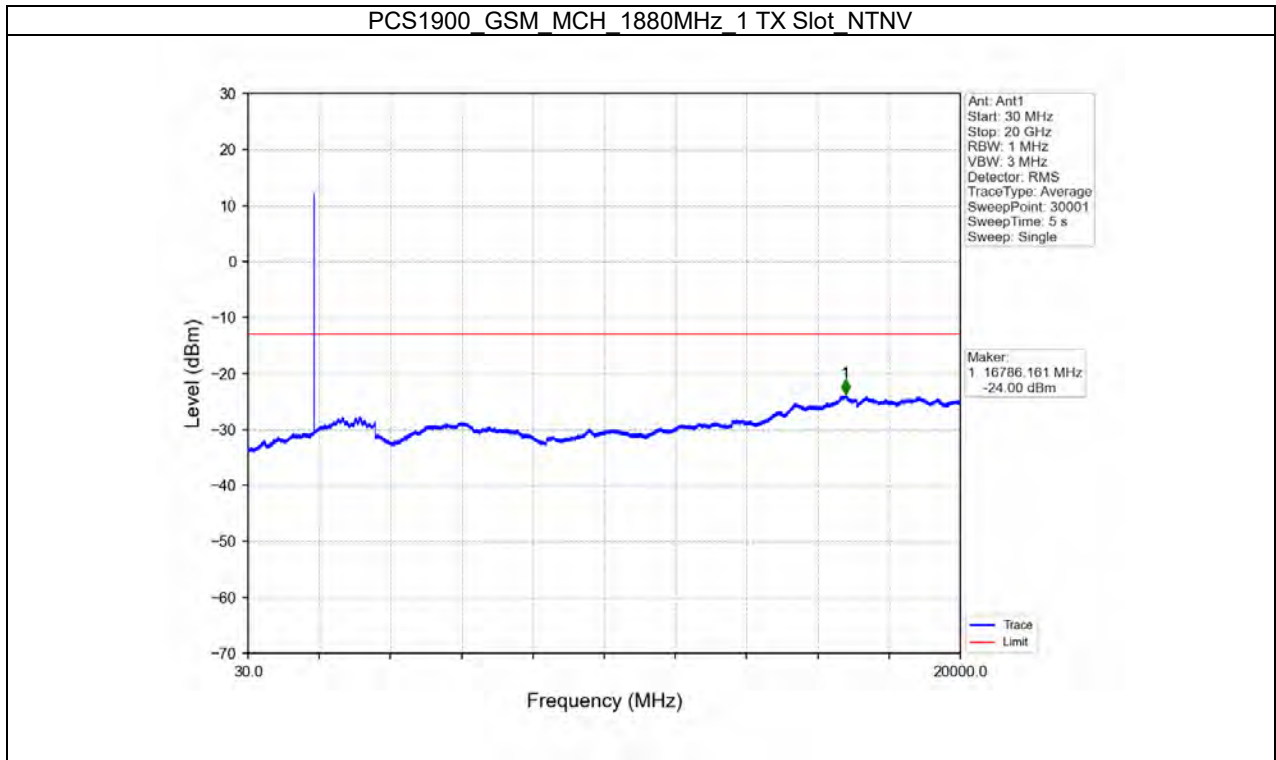
### TEST GRAPH





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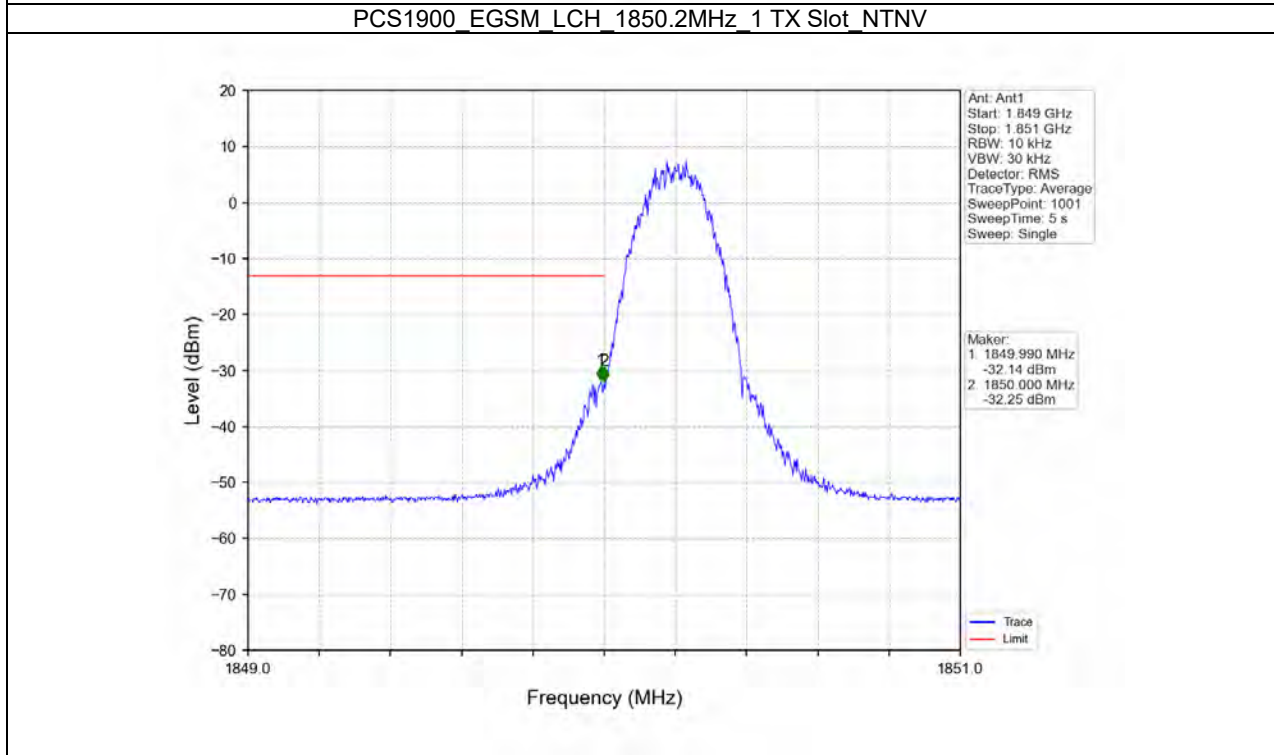
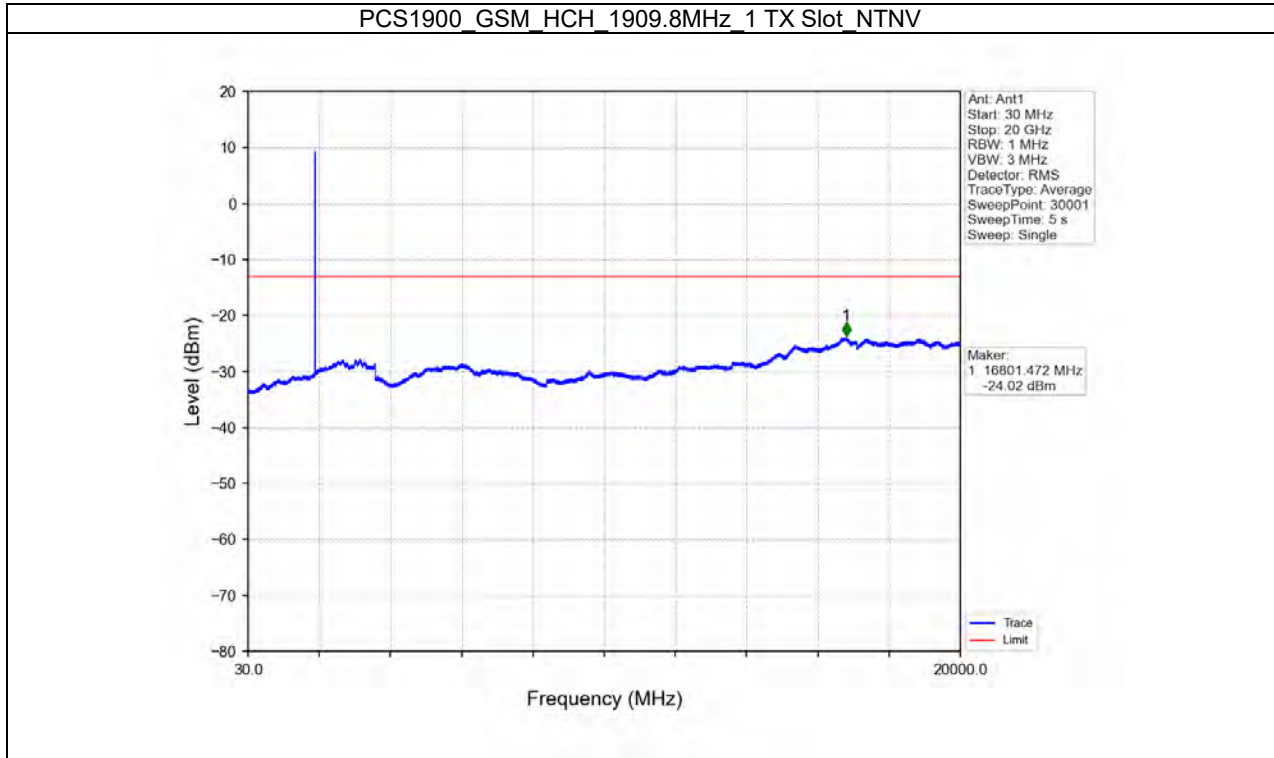
Test Report No.: W7L-P22090015-4RF05





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Test Report No.: W7L-P22090015-4RF05

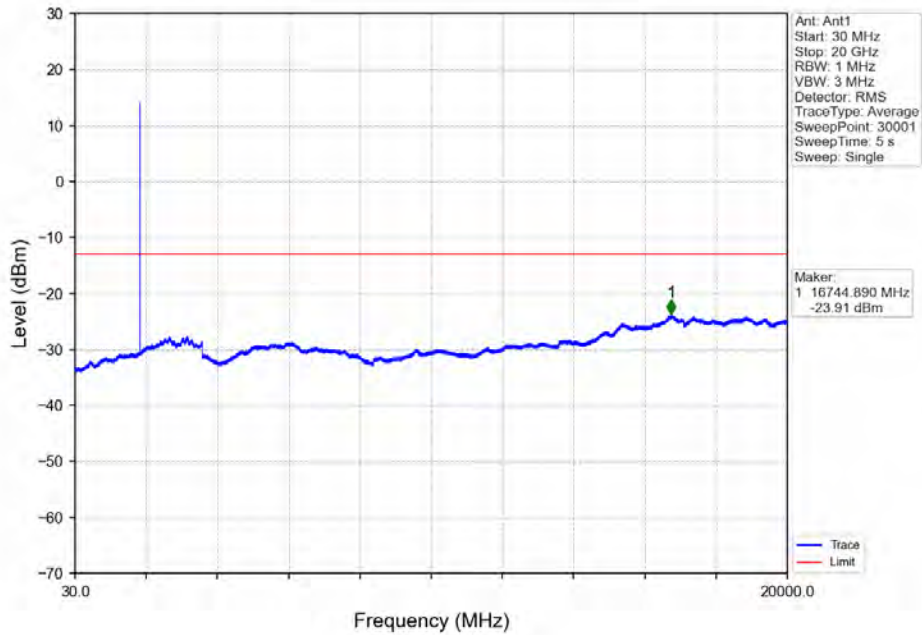




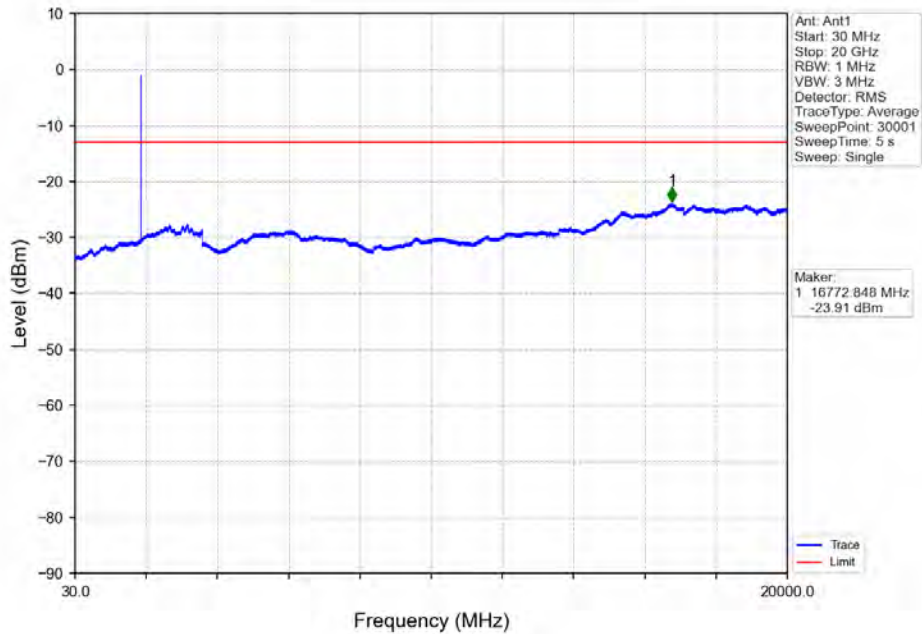
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

PCS1900\_EGSM\_LCH\_1850.2MHz\_1 TX Slot\_NTNV



PCS1900\_EGSM\_MCH\_1880MHz\_1 TX Slot\_NTNV

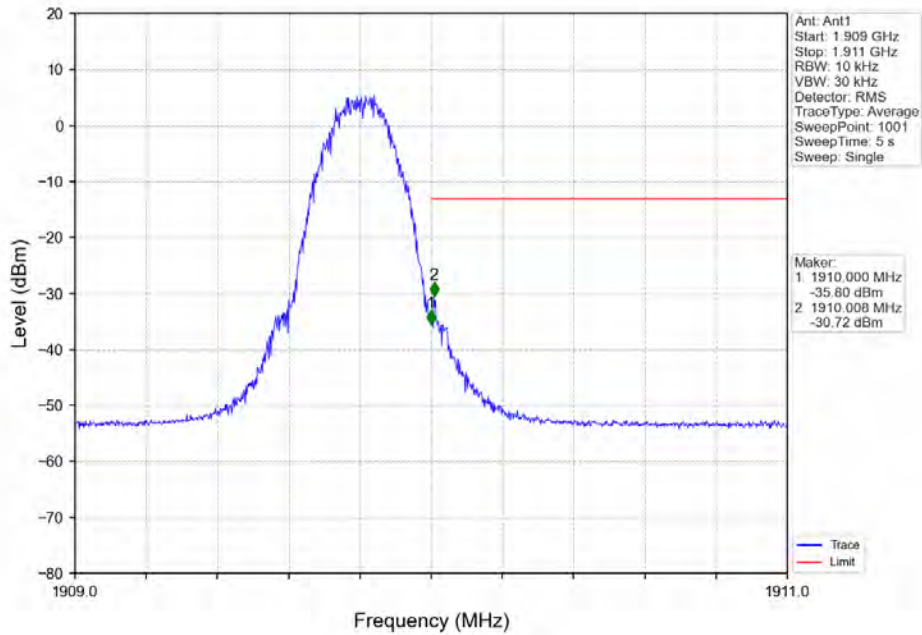




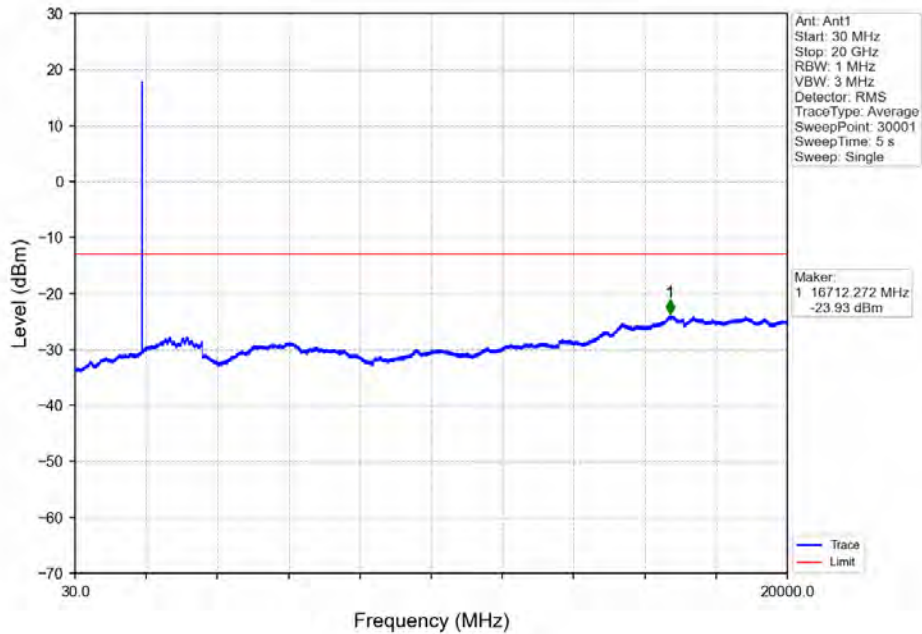
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Test Report No.: W7L-P22090015-4RF05

PCS1900\_EGSM\_HCH\_1909.8MHz\_1 TX Slot\_NTNV



PCS1900\_EGSM\_HCH\_1909.8MHz\_1 TX Slot\_NTNV







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Test Report No.: W7L-P22090015-4RF05

**WCDMA BAND 2**

**FREQUENCY STABILITY TEST RESULT**

Band: 2							
Network	Frequency (MHz)	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
					Result	Limit	
RMC	1852.4	20	3.27	-0.85	-0.00	-2.5 to 2.5	Pass
			3.85	1.10	0.00	-2.5 to 2.5	Pass
			4.43	0.97	0.00	-2.5 to 2.5	Pass
		-30	3.85	1.89	0.00	-2.5 to 2.5	Pass
		-20	3.85	4.11	0.00	-2.5 to 2.5	Pass
		-10	3.85	5.90	0.00	-2.5 to 2.5	Pass
		0	3.85	-5.76	-0.00	-2.5 to 2.5	Pass
		10	3.85	4.21	0.00	-2.5 to 2.5	Pass
		30	3.85	-1.46	-0.00	-2.5 to 2.5	Pass
		40	3.85	1.55	0.00	-2.5 to 2.5	Pass
	50	3.85	1.84	0.00	-2.5 to 2.5	Pass	
	1880	20	3.27	-4.71	-0.00	-2.5 to 2.5	Pass
			3.85	-2.00	-0.00	-2.5 to 2.5	Pass
			4.43	-4.70	-0.00	-2.5 to 2.5	Pass
		-30	3.85	2.93	0.00	-2.5 to 2.5	Pass
		-20	3.85	-3.49	-0.00	-2.5 to 2.5	Pass
		-10	3.85	3.08	0.00	-2.5 to 2.5	Pass
		0	3.85	-3.23	-0.00	-2.5 to 2.5	Pass
		10	3.85	-3.23	-0.00	-2.5 to 2.5	Pass
		30	3.85	-0.16	-0.00	-2.5 to 2.5	Pass
		40	3.85	1.47	0.00	-2.5 to 2.5	Pass
	50	3.85	-0.46	-0.00	-2.5 to 2.5	Pass	
	1907.6	20	3.27	1.01	0.00	-2.5 to 2.5	Pass
			3.85	-0.79	-0.00	-2.5 to 2.5	Pass
			4.43	-3.92	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-2.74	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-0.76	-0.00	-2.5 to 2.5	Pass
		0	3.85	-0.52	-0.00	-2.5 to 2.5	Pass
		10	3.85	2.00	0.00	-2.5 to 2.5	Pass
30		3.85	-5.04	-0.00	-2.5 to 2.5	Pass	
40		3.85	-1.06	-0.00	-2.5 to 2.5	Pass	
50	3.85	0.68	0.00	-2.5 to 2.5	Pass		

**99% & 26DB BANDWIDTH 99%\_OBW TEST RESULT**

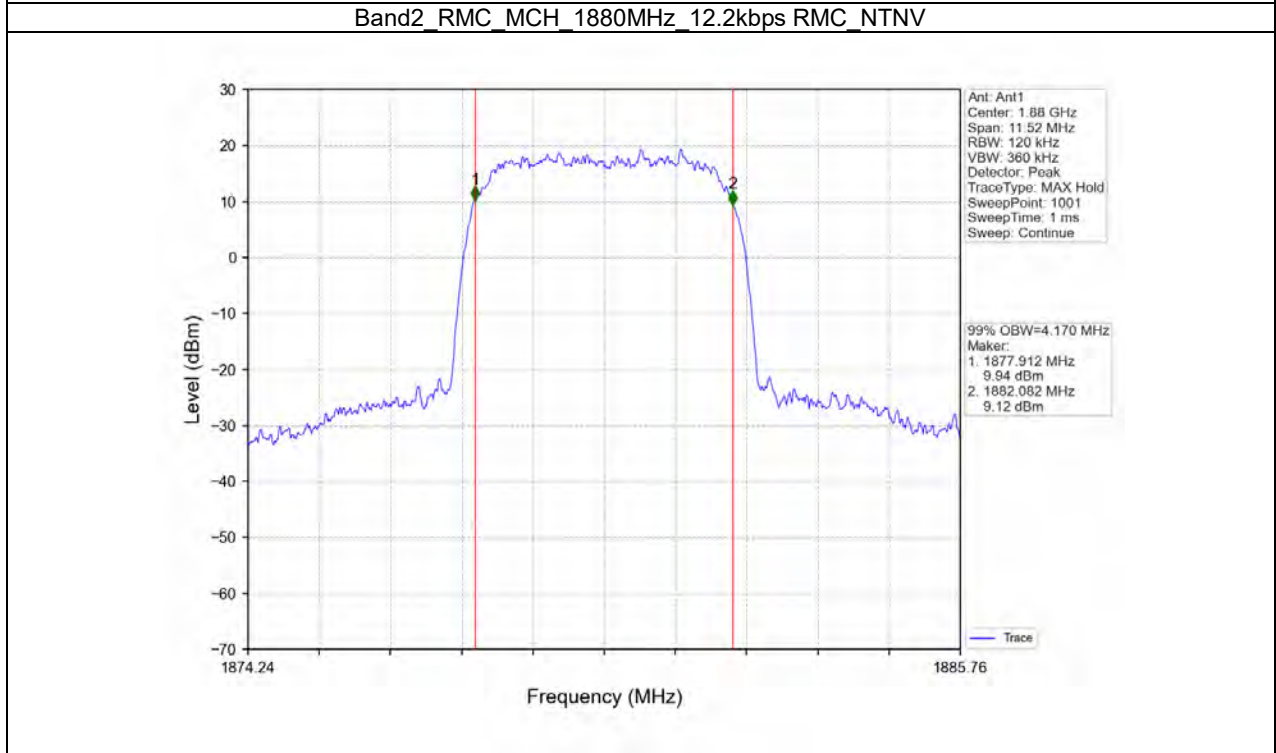
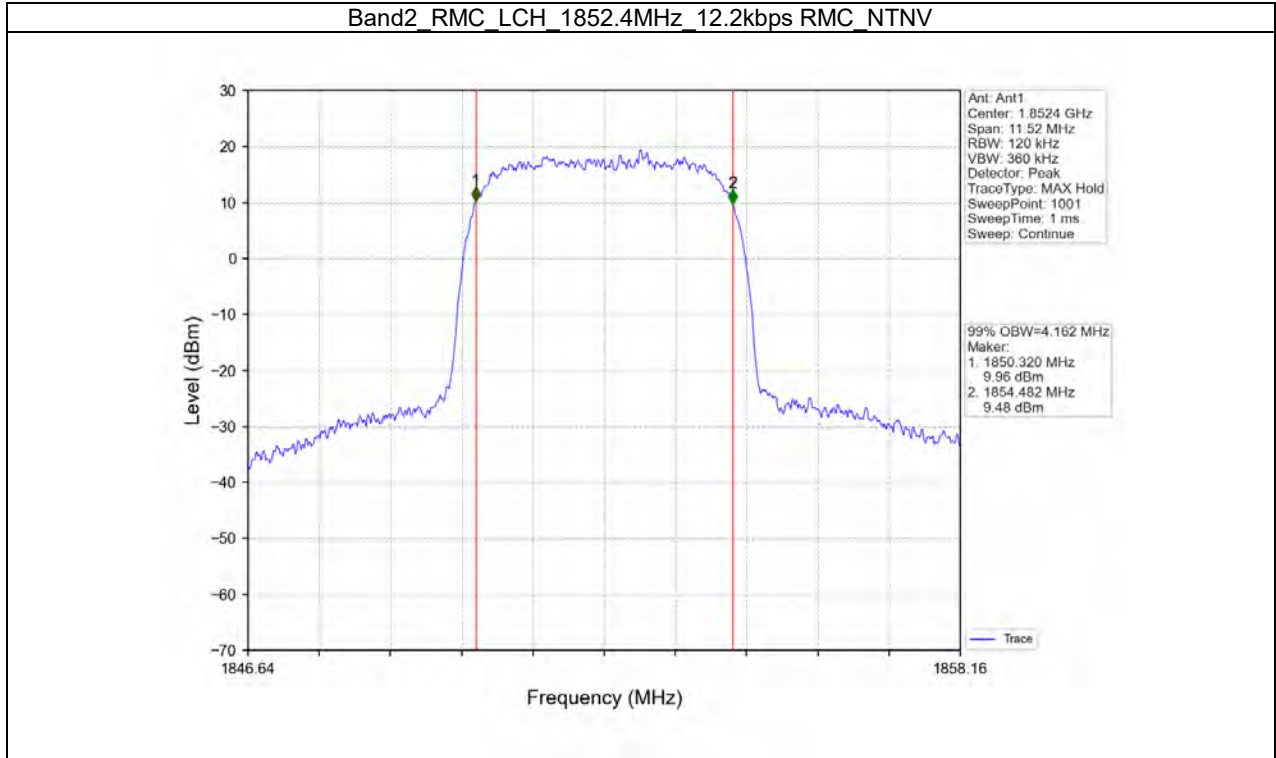
Band: 2					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.162	Pass
			1880	4.170	Pass
			1907.6	4.176	Pass



BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

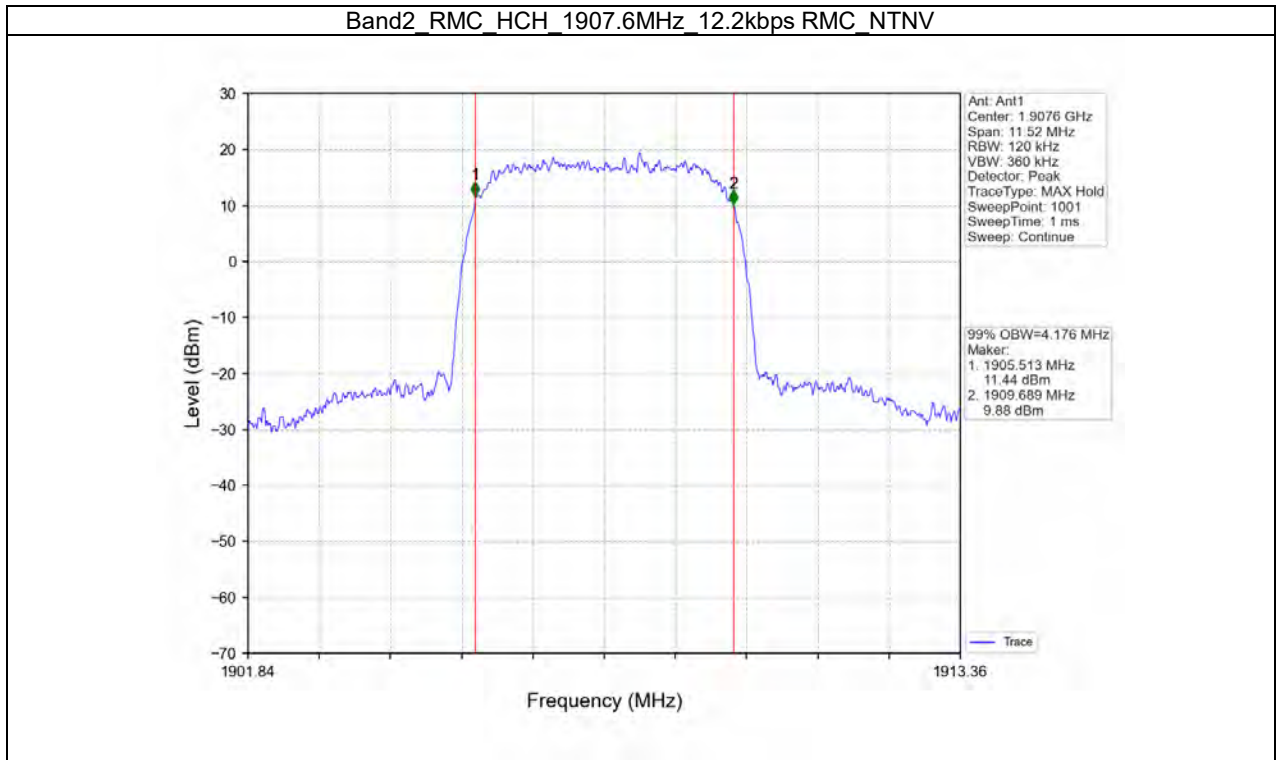
### TEST GRAPH





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Test Report No.: W7L-P22090015-4RF05

## 26DB\_OBW TEST RESULT

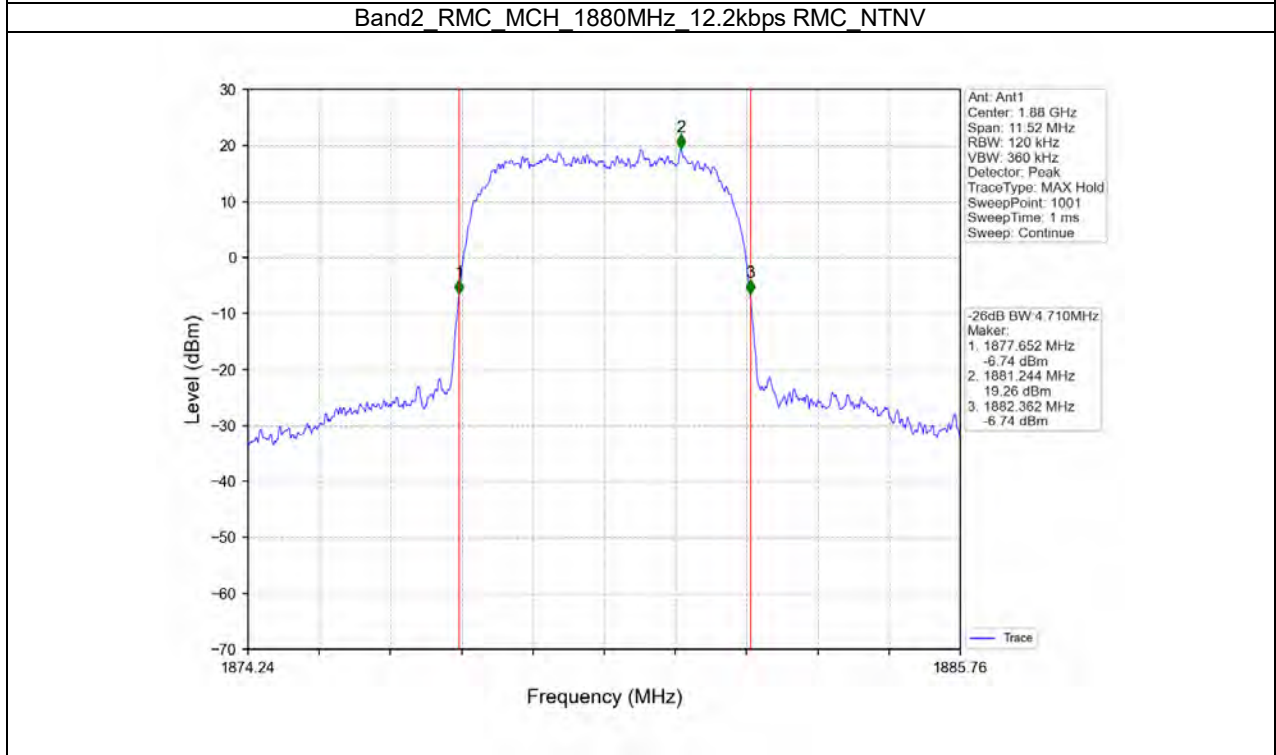
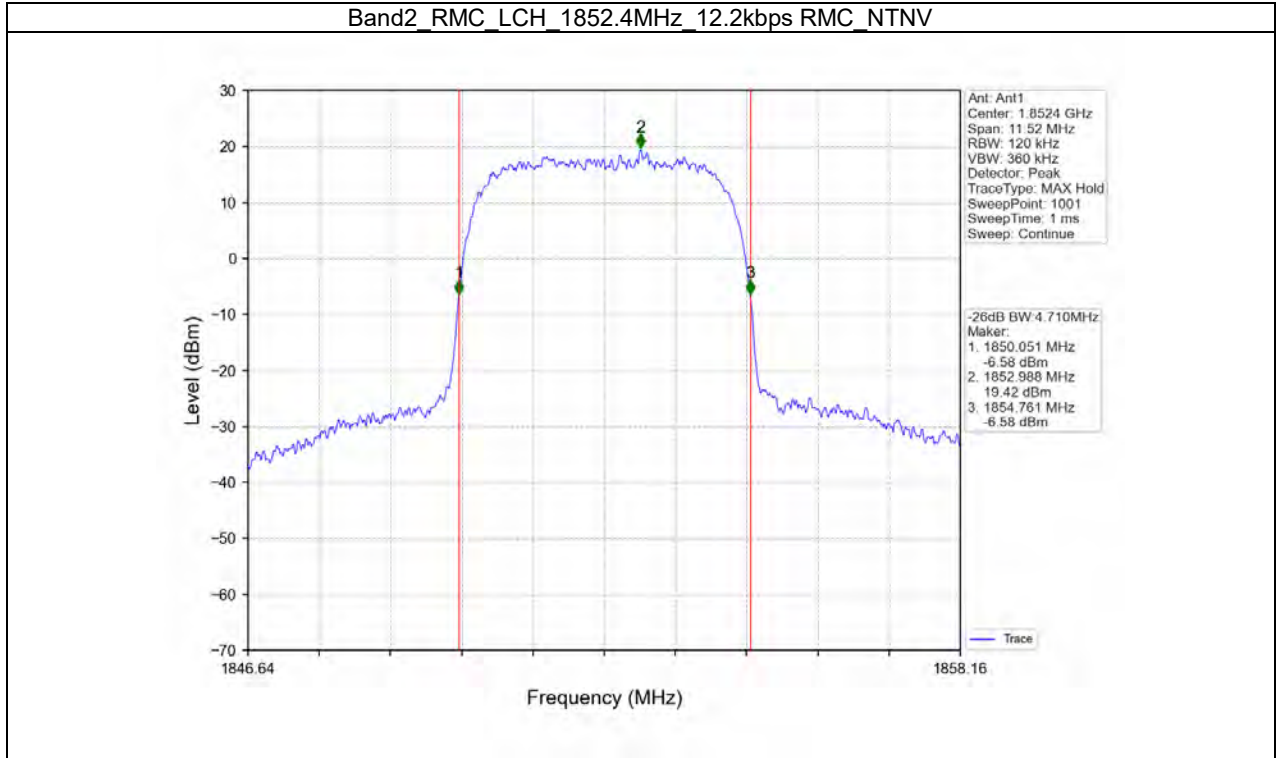
Band: 2					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.710	Pass
			1880	4.710	Pass
			1907.6	4.717	Pass



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Test Report No.: W7L-P22090015-4RF05

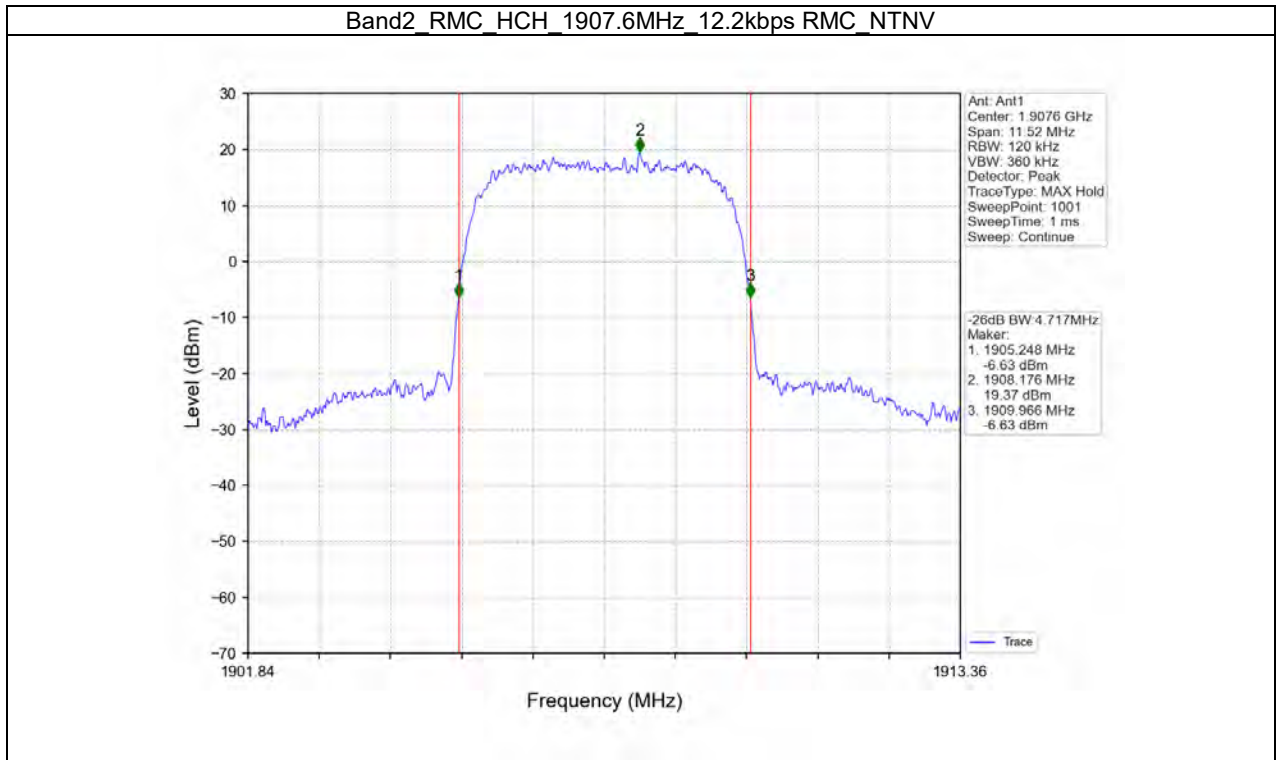
### TEST GRAPH





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Test Report No.: W7L-P22090015-4RF05





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Test Report No.: W7L-P22090015-4RF05

## PEAK-AVERAGE RATIO TEST RESULT

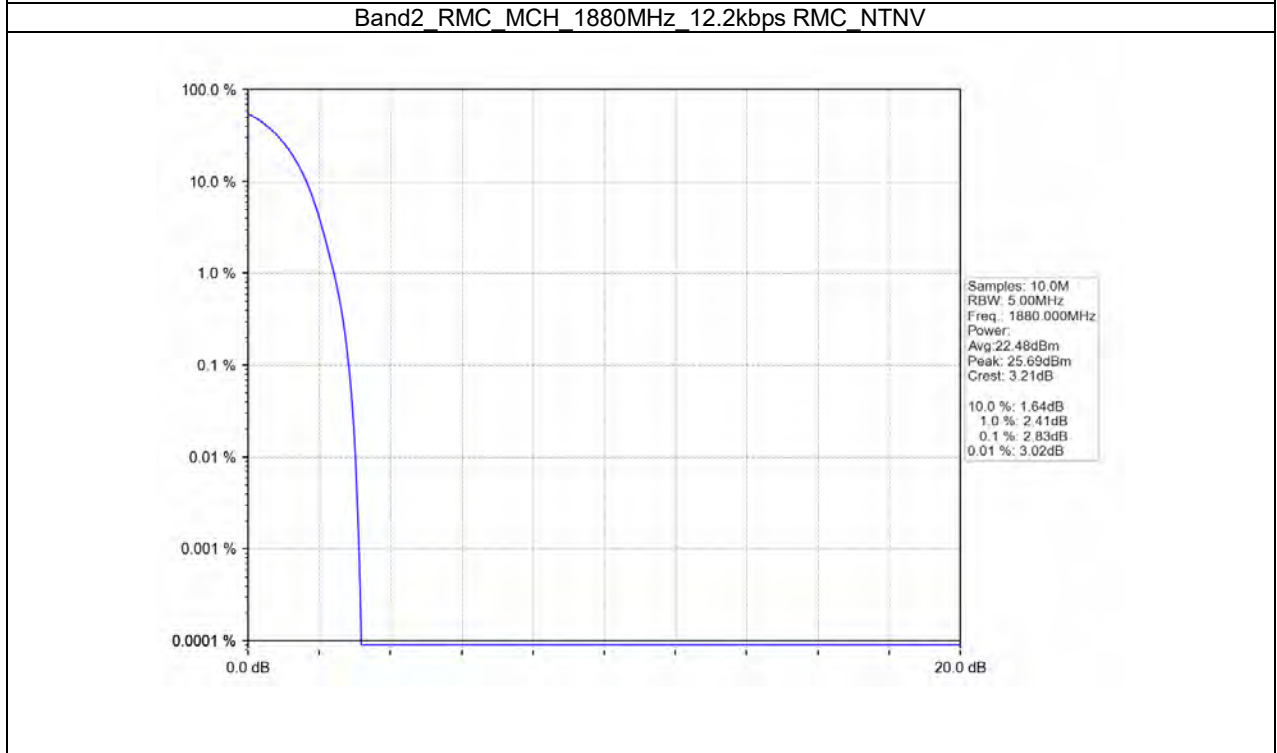
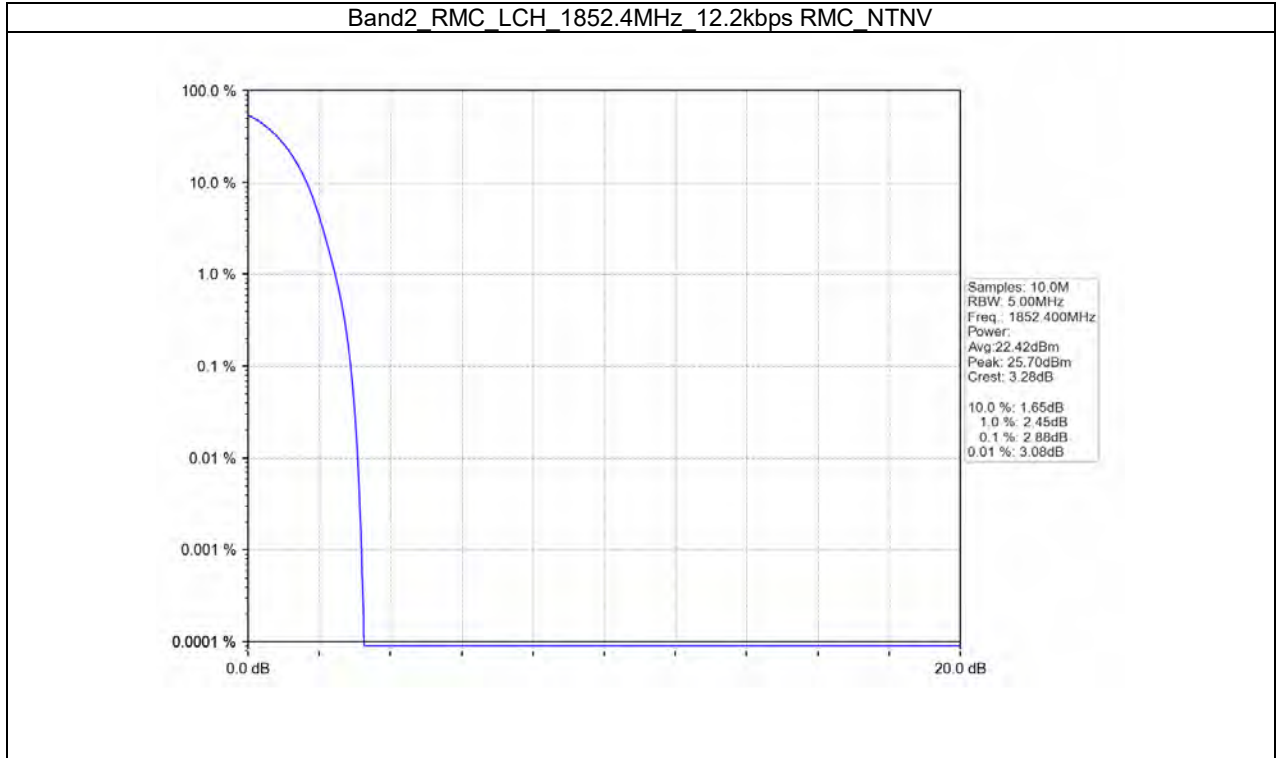
Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.88	<=13	Pass
			1880	2.83	<=13	Pass
			1907.6	2.67	<=13	Pass



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Test Report No.: W7L-P22090015-4RF05

## TEST GRAPH

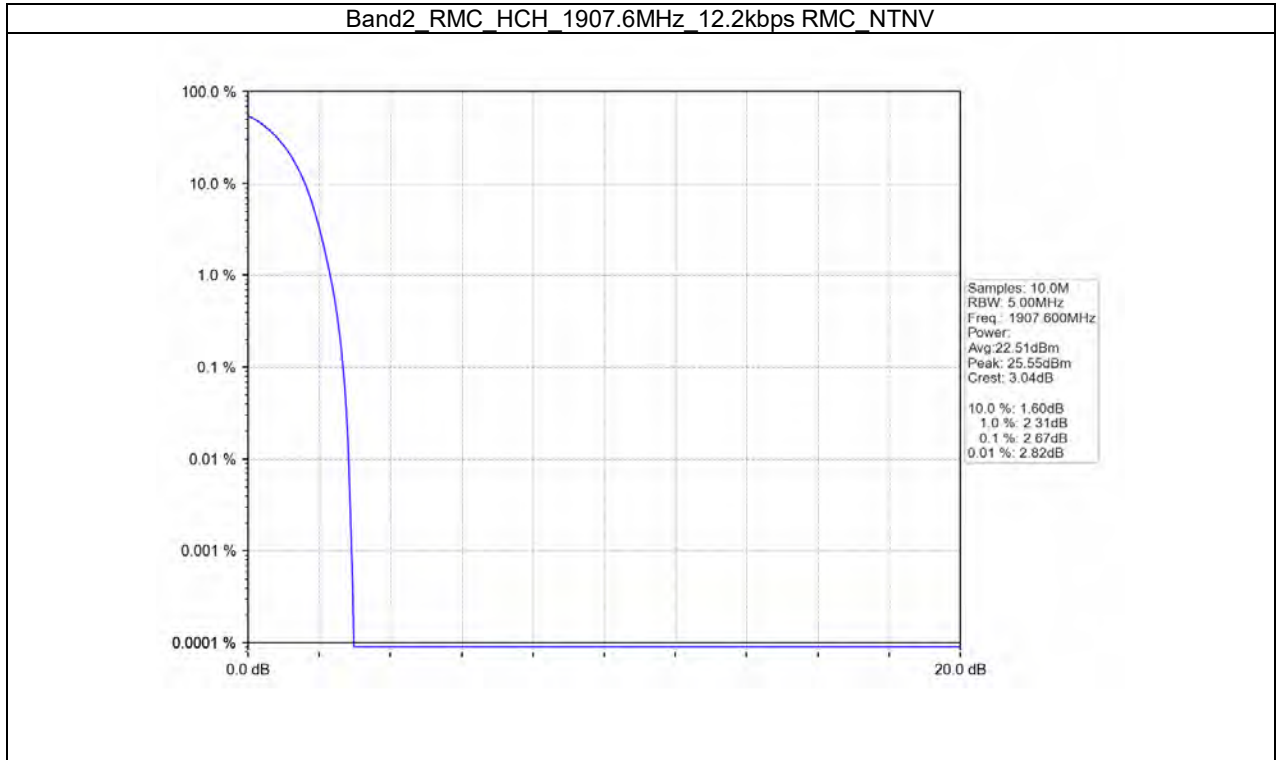






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Test Report No.: W7L-P22090015-4RF05

## SPURIOUS EMISSION TEST RESULT

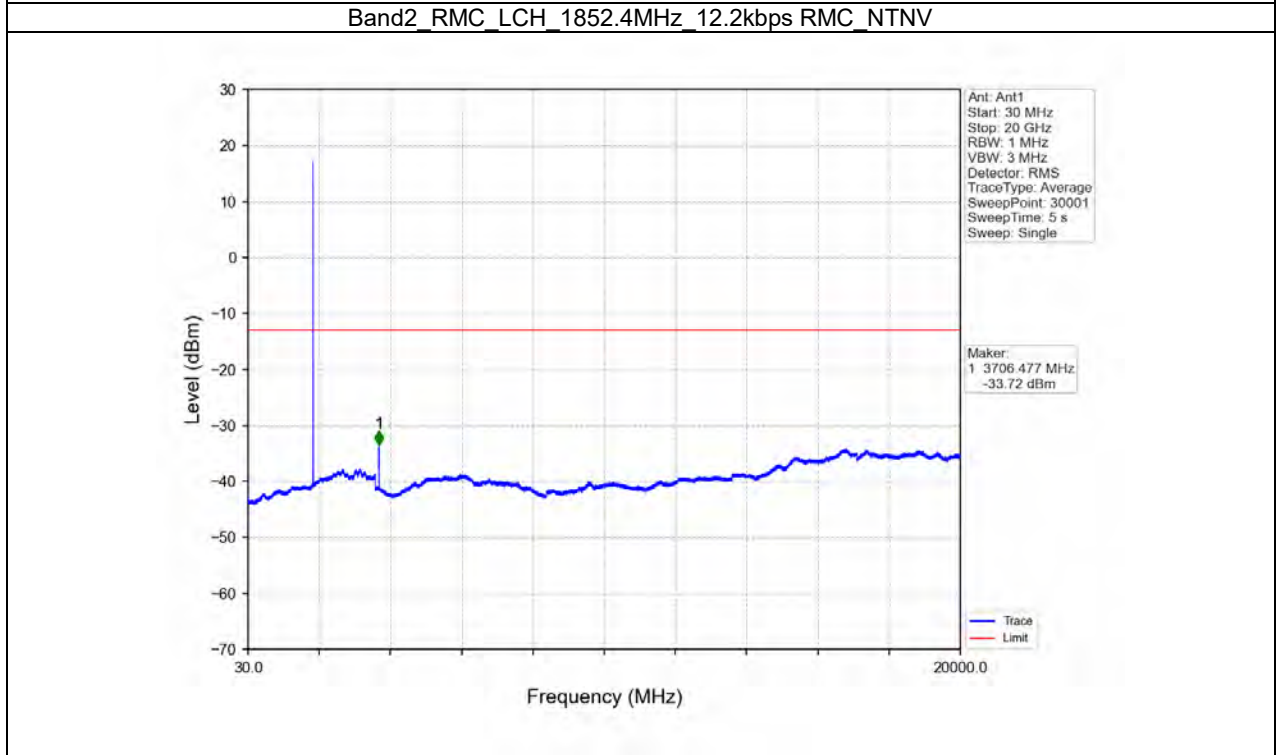
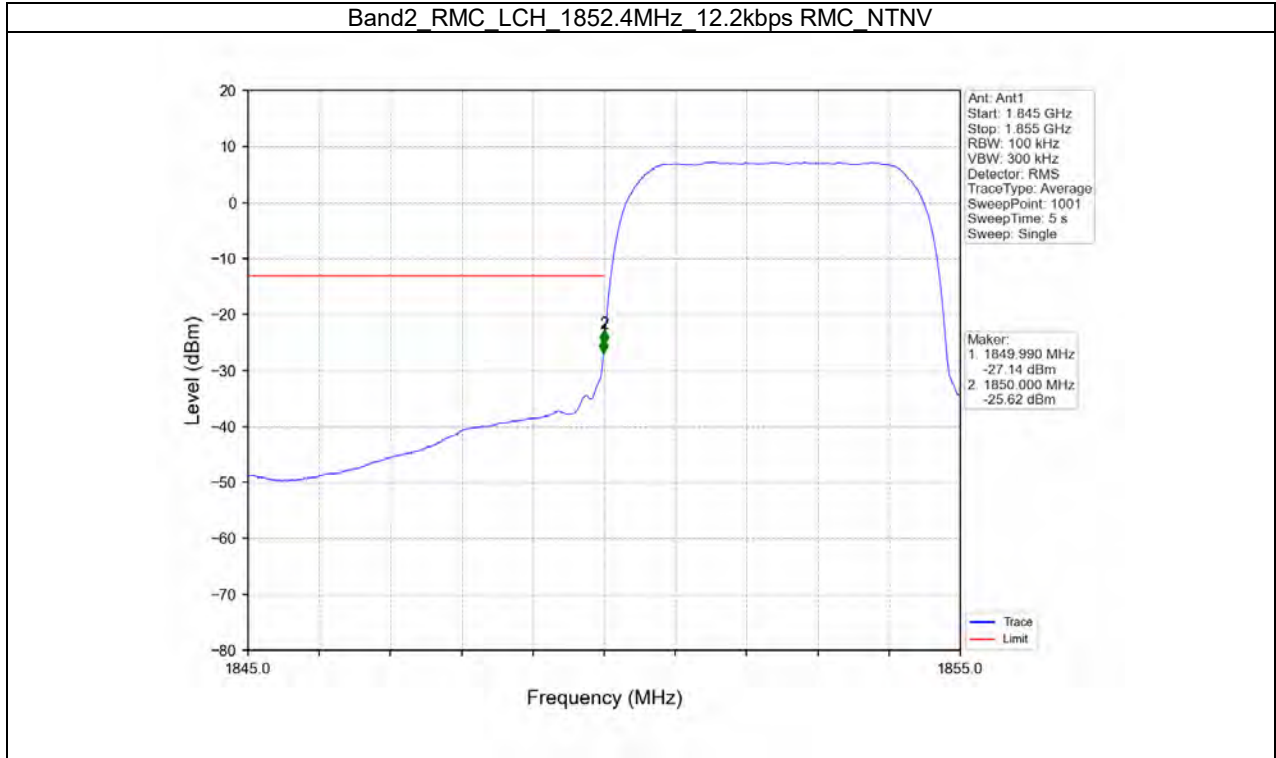
Band: 2						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph	Pass	
			1880	Refer To Test Graph	Pass	
			1907.6	Refer To Test Graph	Pass	



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Test Report No.: W7L-P22090015-4RF05

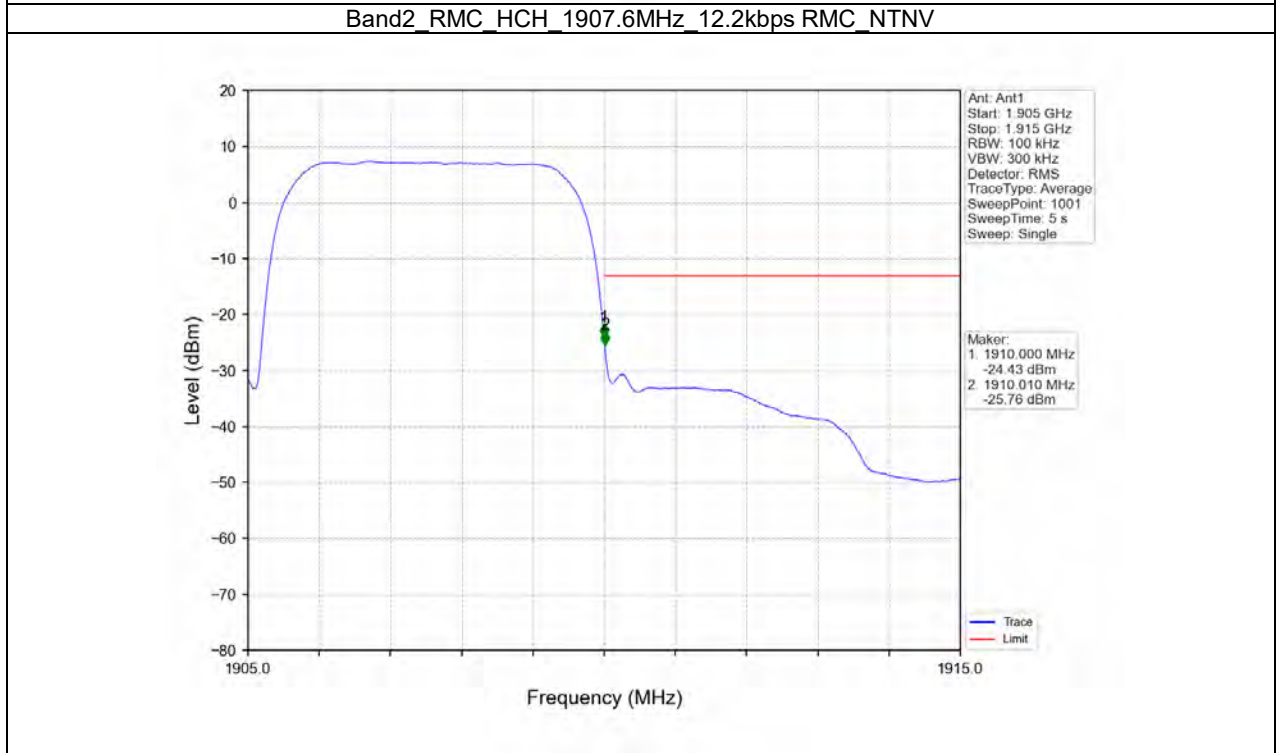
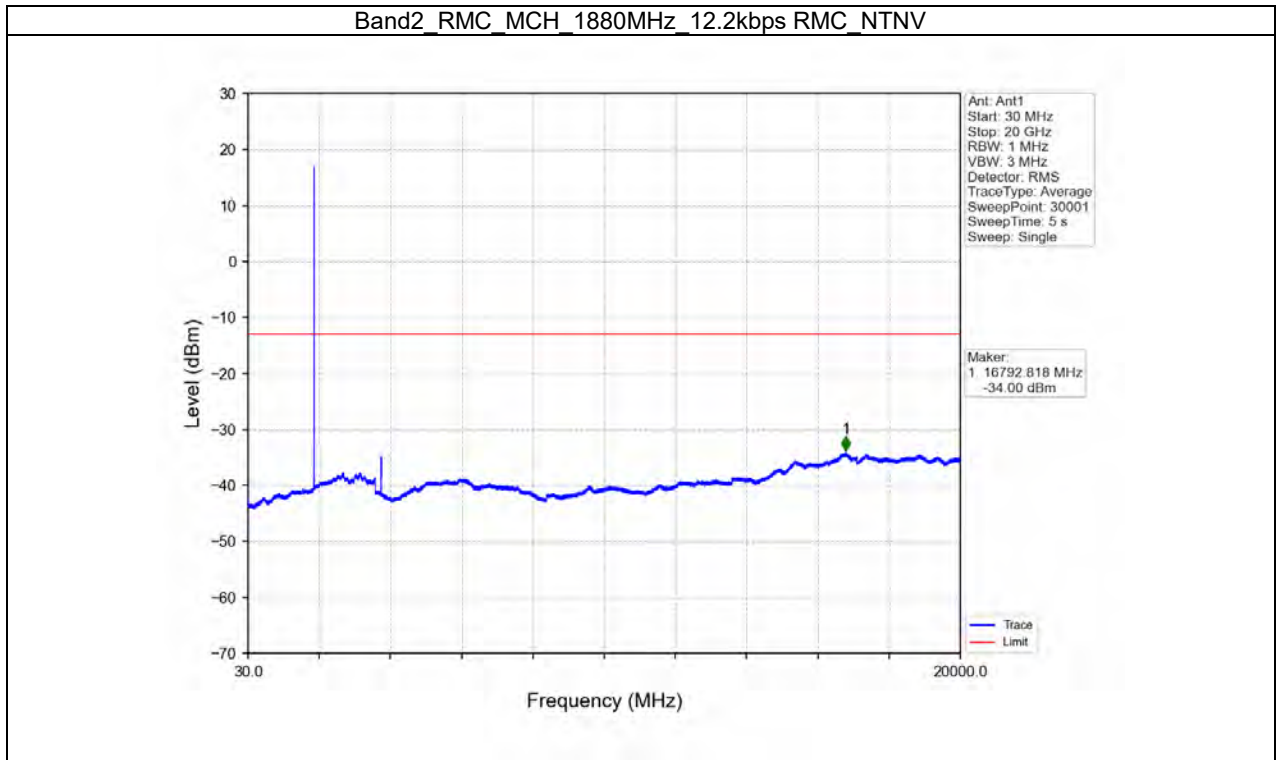
### TEST GRAPH





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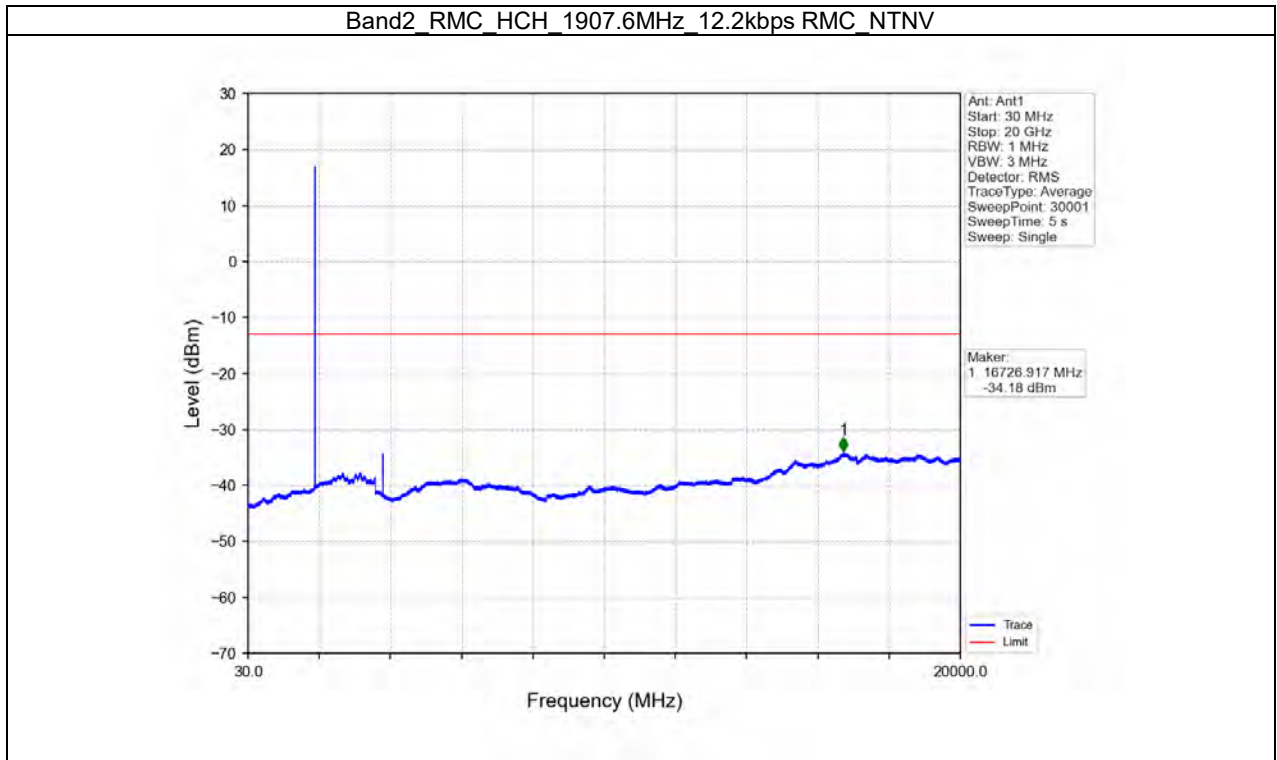
Test Report No.: W7L-P22090015-4RF05





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Test Report No.: W7L-P22090015-4RF05







**LTE BAND 2**

**FREQUENCY STABILITY B2\_1.4MHZ TEST RESULT**

Band: 2 / 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	1850.7	6	0	20	3.27	22.55	0.01	-2.5 to 2.5	Pass	
					3.85	27.47	0.01	-2.5 to 2.5	Pass	
					4.43	35.13	0.02	-2.5 to 2.5	Pass	
				-30	3.85	40.96	0.02	-2.5 to 2.5	Pass	
					-20	3.85	48.80	0.03	-2.5 to 2.5	Pass
						3.85	48.45	0.03	-2.5 to 2.5	Pass
				0	3.85	5.15	0.00	-2.5 to 2.5	Pass	
					10	3.85	1.43	0.00	-2.5 to 2.5	Pass
				30	3.85	2.72	0.00	-2.5 to 2.5	Pass	
				40	3.85	7.09	0.00	-2.5 to 2.5	Pass	
	50	3.85	5.84	0.00	-2.5 to 2.5	Pass				
	1880	6	0	20	3.27	-23.03	-0.01	-2.5 to 2.5	Pass	
					3.85	-22.75	-0.01	-2.5 to 2.5	Pass	
					4.43	-37.61	-0.02	-2.5 to 2.5	Pass	
				-30	3.85	-34.35	-0.02	-2.5 to 2.5	Pass	
					-20	3.85	-51.63	-0.03	-2.5 to 2.5	Pass
						3.85	-48.04	-0.03	-2.5 to 2.5	Pass
				0	3.85	-43.47	-0.02	-2.5 to 2.5	Pass	
					10	3.85	-41.47	-0.02	-2.5 to 2.5	Pass
				30	3.85	-41.01	-0.02	-2.5 to 2.5	Pass	
				40	3.85	-36.68	-0.02	-2.5 to 2.5	Pass	
	50	3.85	-30.83	-0.02	-2.5 to 2.5	Pass				
	1909.3	6	0	20	3.27	-23.02	-0.01	-2.5 to 2.5	Pass	
					3.85	-42.01	-0.02	-2.5 to 2.5	Pass	
					4.43	-33.98	-0.02	-2.5 to 2.5	Pass	
				-30	3.85	-48.01	-0.03	-2.5 to 2.5	Pass	
					-20	3.85	-12.39	-0.01	-2.5 to 2.5	Pass
						3.85	-30.73	-0.02	-2.5 to 2.5	Pass
				0	3.85	-5.75	-0.00	-2.5 to 2.5	Pass	
					10	3.85	-18.31	-0.01	-2.5 to 2.5	Pass
30				3.85	-35.46	-0.02	-2.5 to 2.5	Pass		
40				3.85	-7.37	-0.00	-2.5 to 2.5	Pass		
50	3.85	-28.45	-0.01	-2.5 to 2.5	Pass					
16QAM	1850.7	6	0	20	3.27	11.57	0.01	-2.5 to 2.5	Pass	
					3.85	15.22	0.01	-2.5 to 2.5	Pass	
					4.43	16.91	0.01	-2.5 to 2.5	Pass	
				-30	3.85	18.00	0.01	-2.5 to 2.5	Pass	
					-20	3.85	16.79	0.01	-2.5 to 2.5	Pass
						3.85	23.02	0.01	-2.5 to 2.5	Pass
				-10	3.85	27.51	0.01	-2.5 to 2.5	Pass	
					10	3.85	25.18	0.01	-2.5 to 2.5	Pass
				30	3.85	25.81	0.01	-2.5 to 2.5	Pass	
				40	3.85	30.03	0.02	-2.5 to 2.5	Pass	
	50	3.85	31.61	0.02	-2.5 to 2.5	Pass				
	1880	6	0	20	3.27	-18.44	-0.01	-2.5 to 2.5	Pass	
					3.85	-31.57	-0.02	-2.5 to 2.5	Pass	
					4.43	-13.13	-0.01	-2.5 to 2.5	Pass	
				-30	3.85	-36.03	-0.02	-2.5 to 2.5	Pass	
					-20	3.85	-7.78	-0.00	-2.5 to 2.5	Pass
						3.85	-40.04	-0.02	-2.5 to 2.5	Pass
				0	3.85	-41.04	-0.02	-2.5 to 2.5	Pass	
					10	3.85	-4.09	-0.00	-2.5 to 2.5	Pass
				30	3.85	-22.37	-0.01	-2.5 to 2.5	Pass	



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**Test Report No.: W7L-P22090015-4RF05**

	1909.3	6	0	40	3.85	-12.77	-0.01	-2.5 to 2.5	Pass
				50	3.85	-20.00	-0.01	-2.5 to 2.5	Pass
				20	3.27	-5.16	-0.00	-2.5 to 2.5	Pass
					3.85	-20.60	-0.01	-2.5 to 2.5	Pass
					4.43	-39.24	-0.02	-2.5 to 2.5	Pass
				-30	3.85	-52.21	-0.03	-2.5 to 2.5	Pass
				-20	3.85	-19.17	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-34.55	-0.02	-2.5 to 2.5	Pass
				0	3.85	3.66	0.00	-2.5 to 2.5	Pass
				10	3.85	-3.58	-0.00	-2.5 to 2.5	Pass
				30	3.85	-11.96	-0.01	-2.5 to 2.5	Pass
				40	3.85	-24.36	-0.01	-2.5 to 2.5	Pass
				50	3.85	-28.22	-0.01	-2.5 to 2.5	Pass
64QAM	1850.7	6	0	20	3.27	35.12	0.02	-2.5 to 2.5	Pass
					3.85	37.22	0.02	-2.5 to 2.5	Pass
					4.43	43.72	0.02	-2.5 to 2.5	Pass
				-30	3.85	47.36	0.03	-2.5 to 2.5	Pass
				-20	3.85	2.79	0.00	-2.5 to 2.5	Pass
				-10	3.85	7.70	0.00	-2.5 to 2.5	Pass
				0	3.85	16.61	0.01	-2.5 to 2.5	Pass
				10	3.85	20.68	0.01	-2.5 to 2.5	Pass
				30	3.85	20.97	0.01	-2.5 to 2.5	Pass
				40	3.85	18.27	0.01	-2.5 to 2.5	Pass
				50	3.85	27.51	0.01	-2.5 to 2.5	Pass
				1880	6	0	20	3.27	-8.76
	3.85	-40.30	-0.02					-2.5 to 2.5	Pass
	4.43	-27.72	-0.01					-2.5 to 2.5	Pass
	-30	3.85	10.13				0.01	-2.5 to 2.5	Pass
	-20	3.85	-5.74				-0.00	-2.5 to 2.5	Pass
	-10	3.85	-26.86				-0.01	-2.5 to 2.5	Pass
	0	3.85	-14.81				-0.01	-2.5 to 2.5	Pass
	10	3.85	-29.93				-0.02	-2.5 to 2.5	Pass
	30	3.85	-5.99				-0.00	-2.5 to 2.5	Pass
	40	3.85	-11.39				-0.01	-2.5 to 2.5	Pass
	50	3.85	-27.70				-0.01	-2.5 to 2.5	Pass
	1909.3	6	0				20	3.27	-40.03
				3.85	-49.80	-0.03		-2.5 to 2.5	Pass
4.43				-6.35	-0.00	-2.5 to 2.5		Pass	
-30				3.85	-11.63	-0.01	-2.5 to 2.5	Pass	
-20				3.85	-20.59	-0.01	-2.5 to 2.5	Pass	
-10				3.85	-26.54	-0.01	-2.5 to 2.5	Pass	
0				3.85	-31.43	-0.02	-2.5 to 2.5	Pass	
10				3.85	-32.24	-0.02	-2.5 to 2.5	Pass	
30				3.85	-36.19	-0.02	-2.5 to 2.5	Pass	
40				3.85	-42.19	-0.02	-2.5 to 2.5	Pass	
50	3.85	-46.32	-0.02	-2.5 to 2.5	Pass				



**B2\_3MHZ TEST RESULT**

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	5.08	0.00	-2.5 to 2.5	Pass
					3.85	1.33	0.00	-2.5 to 2.5	Pass
					4.43	0.57	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.01	0.00	-2.5 to 2.5	Pass
				-20	3.85	-6.39	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-8.51	-0.00	-2.5 to 2.5	Pass
				0	3.85	-16.74	-0.01	-2.5 to 2.5	Pass
				10	3.85	-25.89	-0.01	-2.5 to 2.5	Pass
				30	3.85	-31.71	-0.02	-2.5 to 2.5	Pass
				40	3.85	-40.94	-0.02	-2.5 to 2.5	Pass
	50	3.85	6.38	0.00	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-16.78	-0.01	-2.5 to 2.5	Pass
					3.85	-15.49	-0.01	-2.5 to 2.5	Pass
					4.43	-17.88	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-18.18	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-29.34	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-34.09	-0.02	-2.5 to 2.5	Pass
				0	3.85	-33.10	-0.02	-2.5 to 2.5	Pass
				10	3.85	-36.71	-0.02	-2.5 to 2.5	Pass
				30	3.85	-41.66	-0.02	-2.5 to 2.5	Pass
				40	3.85	-47.88	-0.03	-2.5 to 2.5	Pass
	50	3.85	-46.21	-0.02	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	9.46	0.01	-2.5 to 2.5	Pass
					3.85	14.78	0.01	-2.5 to 2.5	Pass
					4.43	10.40	0.01	-2.5 to 2.5	Pass
				-30	3.85	7.61	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.80	0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.54	-0.00	-2.5 to 2.5	Pass
				0	3.85	-11.12	-0.01	-2.5 to 2.5	Pass
				10	3.85	-15.31	-0.01	-2.5 to 2.5	Pass
30				3.85	-29.58	-0.02	-2.5 to 2.5	Pass	
40				3.85	-41.63	-0.02	-2.5 to 2.5	Pass	
50	3.85	-3.09	-0.00	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-6.05	-0.00	-2.5 to 2.5	Pass
					3.85	-13.07	-0.01	-2.5 to 2.5	Pass
					4.43	-27.44	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-32.12	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-40.05	-0.02	-2.5 to 2.5	Pass
				-10	3.85	-47.03	-0.03	-2.5 to 2.5	Pass
				0	3.85	-12.65	-0.01	-2.5 to 2.5	Pass
				10	3.85	-19.54	-0.01	-2.5 to 2.5	Pass
				30	3.85	-27.71	-0.01	-2.5 to 2.5	Pass
				40	3.85	-27.45	-0.01	-2.5 to 2.5	Pass
	50	3.85	-32.26	-0.02	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-6.11	-0.00	-2.5 to 2.5	Pass
					3.85	-11.64	-0.01	-2.5 to 2.5	Pass
					4.43	-14.13	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-17.18	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-14.71	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-15.11	-0.01	-2.5 to 2.5	Pass
				0	3.85	-15.99	-0.01	-2.5 to 2.5	Pass
				10	3.85	-15.31	-0.01	-2.5 to 2.5	Pass
				30	3.85	-12.97	-0.01	-2.5 to 2.5	Pass
				40	3.85	-13.40	-0.01	-2.5 to 2.5	Pass
	50	3.85	-20.89	-0.01	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	-11.44	-0.01	-2.5 to 2.5	Pass
					3.85	-18.17	-0.01	-2.5 to 2.5	Pass



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**Test Report No.: W7L-P22090015-4RF05**

					4.43	-26.21	-0.01	-2.5 to 2.5	Pass				
				-30	3.85	-35.42	-0.02	-2.5 to 2.5	Pass				
				-20	3.85	-40.35	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-47.36	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-3.88	-0.00	-2.5 to 2.5	Pass				
				10	3.85	-10.96	-0.01	-2.5 to 2.5	Pass				
				30	3.85	-12.62	-0.01	-2.5 to 2.5	Pass				
				40	3.85	-13.66	-0.01	-2.5 to 2.5	Pass				
				50	3.85	-19.97	-0.01	-2.5 to 2.5	Pass				
64QAM	1851.5	15	0	20	3.27	-30.90	-0.02	-2.5 to 2.5	Pass				
					3.85	-33.43	-0.02	-2.5 to 2.5	Pass				
					4.43	-37.47	-0.02	-2.5 to 2.5	Pass				
								-30	3.85	-38.55	-0.02	-2.5 to 2.5	Pass
								-20	3.85	-40.20	-0.02	-2.5 to 2.5	Pass
								-10	3.85	-41.61	-0.02	-2.5 to 2.5	Pass
								0	3.85	-5.04	-0.00	-2.5 to 2.5	Pass
								10	3.85	-6.91	-0.00	-2.5 to 2.5	Pass
								30	3.85	-16.29	-0.01	-2.5 to 2.5	Pass
					40	3.85	-11.30	-0.01	-2.5 to 2.5	Pass			
					50	3.85	-15.71	-0.01	-2.5 to 2.5	Pass			
		1880	15	0	20	3.27	-13.93	-0.01	-2.5 to 2.5	Pass			
	3.85					-4.25	-0.00	-2.5 to 2.5	Pass				
	4.43					-2.19	-0.00	-2.5 to 2.5	Pass				
								-30	3.85	-0.50	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-0.81	-0.00	-2.5 to 2.5	Pass
								-10	3.85	3.12	0.00	-2.5 to 2.5	Pass
								0	3.85	3.88	0.00	-2.5 to 2.5	Pass
								10	3.85	5.31	0.00	-2.5 to 2.5	Pass
								30	3.85	11.54	0.01	-2.5 to 2.5	Pass
					40	3.85	13.63	0.01	-2.5 to 2.5	Pass			
					50	3.85	14.91	0.01	-2.5 to 2.5	Pass			
		1908.5	15	0	20	3.27	-22.26	-0.01	-2.5 to 2.5	Pass			
	3.85					-25.02	-0.01	-2.5 to 2.5	Pass				
	4.43					-26.28	-0.01	-2.5 to 2.5	Pass				
								-30	3.85	-23.65	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-17.77	-0.01	-2.5 to 2.5	Pass
							-10	3.85	-25.64	-0.01	-2.5 to 2.5	Pass	
							0	3.85	-27.80	-0.01	-2.5 to 2.5	Pass	
							10	3.85	-27.19	-0.01	-2.5 to 2.5	Pass	
							30	3.85	-30.34	-0.02	-2.5 to 2.5	Pass	
				40	3.85	-29.51	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-26.92	-0.01	-2.5 to 2.5	Pass				



**BUREAU  
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Test Report No.: W7L-P22090015-4RF05

**B2\_5MHZ TEST RESULT**

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-15.85	-0.01	-2.5 to 2.5	Pass
					3.85	-18.62	-0.01	-2.5 to 2.5	Pass
					4.43	-18.85	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-19.18	-0.01	-2.5 to 2.5	Pass
					-20	3.85	-22.33	-0.01	-2.5 to 2.5
				-10	3.85	-23.39	-0.01	-2.5 to 2.5	Pass
					0	3.85	-27.25	-0.01	-2.5 to 2.5
				10	3.85	-30.56	-0.02	-2.5 to 2.5	Pass
					30	3.85	-38.02	-0.02	-2.5 to 2.5
				40	3.85	-40.11	-0.02	-2.5 to 2.5	Pass
	50	3.85	-42.40		-0.02	-2.5 to 2.5	Pass		
	1880	25	0	20	3.27	-0.09	0.00	-2.5 to 2.5	Pass
					3.85	-0.46	-0.00	-2.5 to 2.5	Pass
					4.43	-2.05	-0.00	-2.5 to 2.5	Pass
				-30	3.85	2.50	0.00	-2.5 to 2.5	Pass
					-20	3.85	2.17	0.00	-2.5 to 2.5
				-10	3.85	3.90	0.00	-2.5 to 2.5	Pass
					0	3.85	2.46	0.00	-2.5 to 2.5
				10	3.85	3.40	0.00	-2.5 to 2.5	Pass
					30	3.85	2.38	0.00	-2.5 to 2.5
				40	3.85	2.83	0.00	-2.5 to 2.5	Pass
	50	3.85	4.71		0.00	-2.5 to 2.5	Pass		
	1907.5	25	0	20	3.27	13.86	0.01	-2.5 to 2.5	Pass
					3.85	15.94	0.01	-2.5 to 2.5	Pass
4.43					12.65	0.01	-2.5 to 2.5	Pass	
-30				3.85	11.03	0.01	-2.5 to 2.5	Pass	
				-20	3.85	7.48	0.00	-2.5 to 2.5	Pass
-10				3.85	-0.40	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-8.73	-0.00	-2.5 to 2.5	Pass
10				3.85	-19.17	-0.01	-2.5 to 2.5	Pass	
				30	3.85	-28.09	-0.01	-2.5 to 2.5	Pass
40				3.85	0.47	0.00	-2.5 to 2.5	Pass	
	50	3.85	-9.91	-0.01	-2.5 to 2.5	Pass			
16QAM	1852.5	25	0	20	3.27	-12.13	-0.01	-2.5 to 2.5	Pass
					3.85	7.83	0.00	-2.5 to 2.5	Pass
					4.43	4.68	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.96	0.00	-2.5 to 2.5	Pass
					-20	3.85	-3.49	-0.00	-2.5 to 2.5
				-10	3.85	-11.36	-0.01	-2.5 to 2.5	Pass
					0	3.85	-14.18	-0.01	-2.5 to 2.5
				10	3.85	-15.31	-0.01	-2.5 to 2.5	Pass
					30	3.85	-16.77	-0.01	-2.5 to 2.5
				40	3.85	-19.01	-0.01	-2.5 to 2.5	Pass
	50	3.85	-25.00		-0.01	-2.5 to 2.5	Pass		
	1880	25	0	20	3.27	6.29	0.00	-2.5 to 2.5	Pass
					3.85	6.44	0.00	-2.5 to 2.5	Pass
					4.43	10.50	0.01	-2.5 to 2.5	Pass
				-30	3.85	9.13	0.00	-2.5 to 2.5	Pass
					-20	3.85	15.34	0.01	-2.5 to 2.5
				-10	3.85	11.89	0.01	-2.5 to 2.5	Pass
					0	3.85	20.54	0.01	-2.5 to 2.5
				10	3.85	24.42	0.01	-2.5 to 2.5	Pass
					30	3.85	28.07	0.01	-2.5 to 2.5
				40	3.85	29.63	0.02	-2.5 to 2.5	Pass
	50	3.85	29.18		0.02	-2.5 to 2.5	Pass		
	1907.5	25	0	20	3.27	-19.80	-0.01	-2.5 to 2.5	Pass
					3.85	-28.41	-0.01	-2.5 to 2.5	Pass





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**Test Report No.: W7L-P22090015-4RF05**

					4.43	-31.03	-0.02	-2.5 to 2.5	Pass				
				-30	3.85	-30.98	-0.02	-2.5 to 2.5	Pass				
				-20	3.85	-39.02	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-43.12	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-47.78	-0.03	-2.5 to 2.5	Pass				
				10	3.85	-42.69	-0.02	-2.5 to 2.5	Pass				
				30	3.85	10.19	0.01	-2.5 to 2.5	Pass				
				40	3.85	9.17	0.00	-2.5 to 2.5	Pass				
				50	3.85	5.19	0.00	-2.5 to 2.5	Pass				
64QAM	1852.5	25	0	20	3.27	-22.63	-0.01	-2.5 to 2.5	Pass				
					3.85	-25.03	-0.01	-2.5 to 2.5	Pass				
					4.43	-22.89	-0.01	-2.5 to 2.5	Pass				
								-30	3.85	-25.03	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-21.47	-0.01	-2.5 to 2.5	Pass
								-10	3.85	-22.67	-0.01	-2.5 to 2.5	Pass
								0	3.85	-19.17	-0.01	-2.5 to 2.5	Pass
								10	3.85	-17.20	-0.01	-2.5 to 2.5	Pass
								30	3.85	-14.73	-0.01	-2.5 to 2.5	Pass
					40	3.85	-15.01	-0.01	-2.5 to 2.5	Pass			
					50	3.85	-15.58	-0.01	-2.5 to 2.5	Pass			
		1880	25	0	20	3.27	35.39	0.02	-2.5 to 2.5	Pass			
	3.85					35.58	0.02	-2.5 to 2.5	Pass				
	4.43					37.97	0.02	-2.5 to 2.5	Pass				
								-30	3.85	47.52	0.03	-2.5 to 2.5	Pass
								-20	3.85	13.13	0.01	-2.5 to 2.5	Pass
								-10	3.85	21.19	0.01	-2.5 to 2.5	Pass
								0	3.85	24.78	0.01	-2.5 to 2.5	Pass
								10	3.85	31.69	0.02	-2.5 to 2.5	Pass
								30	3.85	31.69	0.02	-2.5 to 2.5	Pass
					40	3.85	39.93	0.02	-2.5 to 2.5	Pass			
					50	3.85	42.19	0.02	-2.5 to 2.5	Pass			
		1907.5	25	0	20	3.27	1.50	0.00	-2.5 to 2.5	Pass			
	3.85					2.35	0.00	-2.5 to 2.5	Pass				
	4.43					1.19	0.00	-2.5 to 2.5	Pass				
								-30	3.85	-2.03	-0.00	-2.5 to 2.5	Pass
								-20	3.85	3.00	0.00	-2.5 to 2.5	Pass
							-10	3.85	-0.27	-0.00	-2.5 to 2.5	Pass	
							0	3.85	-2.07	-0.00	-2.5 to 2.5	Pass	
							10	3.85	2.99	0.00	-2.5 to 2.5	Pass	
							30	3.85	8.67	0.00	-2.5 to 2.5	Pass	
				40	3.85	11.39	0.01	-2.5 to 2.5	Pass				
				50	3.85	14.23	0.01	-2.5 to 2.5	Pass				



**BUREAU  
VERITAS**

Test Report No.: W7L-P22090015-4RF05

**B2\_10MHZ TEST RESULT**

Band: 2 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1855	50	0	20	3.27	-1.20	-0.00	-2.5 to 2.5	Pass	
					3.85	-1.80	-0.00	-2.5 to 2.5	Pass	
					4.43	-0.32	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-8.25	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-13.33	-0.01	-2.5 to 2.5	Pass
						3.85	-24.35	-0.01	-2.5 to 2.5	Pass
					0	3.85	-28.70	-0.02	-2.5 to 2.5	Pass
					10	3.85	-33.90	-0.02	-2.5 to 2.5	Pass
					30	3.85	-41.74	-0.02	-2.5 to 2.5	Pass
					40	3.85	0.36	0.00	-2.5 to 2.5	Pass
	50	3.85	-7.74	-0.00	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-3.63	-0.00	-2.5 to 2.5	Pass	
					3.85	-1.56	-0.00	-2.5 to 2.5	Pass	
					4.43	2.66	0.00	-2.5 to 2.5	Pass	
				-30	3.85	7.92	0.00	-2.5 to 2.5	Pass	
					-20	3.85	6.75	0.00	-2.5 to 2.5	Pass
						3.85	4.81	0.00	-2.5 to 2.5	Pass
					0	3.85	-0.04	0.00	-2.5 to 2.5	Pass
					10	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
					30	3.85	-4.85	-0.00	-2.5 to 2.5	Pass
					40	3.85	-5.02	-0.00	-2.5 to 2.5	Pass
	50	3.85	-12.47	-0.01	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	-7.05	-0.00	-2.5 to 2.5	Pass	
					3.85	-8.48	-0.00	-2.5 to 2.5	Pass	
					4.43	-15.11	-0.01	-2.5 to 2.5	Pass	
				-30	3.85	-19.86	-0.01	-2.5 to 2.5	Pass	
					-20	3.85	-26.15	-0.01	-2.5 to 2.5	Pass
						3.85	-30.67	-0.02	-2.5 to 2.5	Pass
					0	3.85	-44.17	-0.02	-2.5 to 2.5	Pass
					10	3.85	-5.82	-0.00	-2.5 to 2.5	Pass
30					3.85	-14.68	-0.01	-2.5 to 2.5	Pass	
40					3.85	-16.57	-0.01	-2.5 to 2.5	Pass	
50	3.85	-26.74	-0.01	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.27	-12.92	-0.01	-2.5 to 2.5	Pass	
					3.85	-20.37	-0.01	-2.5 to 2.5	Pass	
					4.43	-20.51	-0.01	-2.5 to 2.5	Pass	
				-30	3.85	-18.84	-0.01	-2.5 to 2.5	Pass	
					-20	3.85	-22.07	-0.01	-2.5 to 2.5	Pass
						3.85	-18.75	-0.01	-2.5 to 2.5	Pass
					0	3.85	-21.03	-0.01	-2.5 to 2.5	Pass
					10	3.85	-21.57	-0.01	-2.5 to 2.5	Pass
					30	3.85	-16.85	-0.01	-2.5 to 2.5	Pass
					40	3.85	-16.34	-0.01	-2.5 to 2.5	Pass
	50	3.85	-15.81	-0.01	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-9.50	-0.01	-2.5 to 2.5	Pass	
					3.85	-9.54	-0.01	-2.5 to 2.5	Pass	
					4.43	-8.14	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-9.66	-0.01	-2.5 to 2.5	Pass	
					-20	3.85	-7.57	-0.00	-2.5 to 2.5	Pass
						3.85	-2.59	-0.00	-2.5 to 2.5	Pass
					0	3.85	-1.39	-0.00	-2.5 to 2.5	Pass
					10	3.85	4.21	0.00	-2.5 to 2.5	Pass
					30	3.85	9.76	0.01	-2.5 to 2.5	Pass
					40	3.85	11.14	0.01	-2.5 to 2.5	Pass
	50	3.85	15.21	0.01	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	-27.89	-0.01	-2.5 to 2.5	Pass	
					3.85	-33.45	-0.02	-2.5 to 2.5	Pass	



**BUREAU  
VERITAS**

**Test Report No.: W7L-P22090015-4RF05**

					4.43	-36.94	-0.02	-2.5 to 2.5	Pass				
				-30	3.85	-35.89	-0.02	-2.5 to 2.5	Pass				
				-20	3.85	-38.51	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-37.42	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-37.55	-0.02	-2.5 to 2.5	Pass				
				10	3.85	-35.78	-0.02	-2.5 to 2.5	Pass				
				30	3.85	-38.54	-0.02	-2.5 to 2.5	Pass				
				40	3.85	-40.20	-0.02	-2.5 to 2.5	Pass				
				50	3.85	-38.04	-0.02	-2.5 to 2.5	Pass				
64QAM	1855	50	0	20	3.27	-23.62	-0.01	-2.5 to 2.5	Pass				
					3.85	-18.34	-0.01	-2.5 to 2.5	Pass				
					4.43	-14.92	-0.01	-2.5 to 2.5	Pass				
								-30	3.85	-8.86	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-4.96	-0.00	-2.5 to 2.5	Pass
								-10	3.85	4.28	0.00	-2.5 to 2.5	Pass
								0	3.85	2.86	0.00	-2.5 to 2.5	Pass
								10	3.85	8.14	0.00	-2.5 to 2.5	Pass
								30	3.85	16.65	0.01	-2.5 to 2.5	Pass
								40	3.85	18.78	0.01	-2.5 to 2.5	Pass
								50	3.85	22.75	0.01	-2.5 to 2.5	Pass
		1880	50	0	20	3.27	25.29	0.01	-2.5 to 2.5	Pass			
	3.85					32.56	0.02	-2.5 to 2.5	Pass				
	4.43					37.45	0.02	-2.5 to 2.5	Pass				
								-30	3.85	41.96	0.02	-2.5 to 2.5	Pass
								-20	3.85	-11.12	-0.01	-2.5 to 2.5	Pass
								-10	3.85	-0.99	-0.00	-2.5 to 2.5	Pass
								0	3.85	6.19	0.00	-2.5 to 2.5	Pass
								10	3.85	13.85	0.01	-2.5 to 2.5	Pass
								30	3.85	24.18	0.01	-2.5 to 2.5	Pass
								40	3.85	32.90	0.02	-2.5 to 2.5	Pass
								50	3.85	43.79	0.02	-2.5 to 2.5	Pass
		1905	50	0	20	3.27	-38.35	-0.02	-2.5 to 2.5	Pass			
	3.85					-31.23	-0.02	-2.5 to 2.5	Pass				
	4.43					-32.62	-0.02	-2.5 to 2.5	Pass				
								-30	3.85	-27.61	-0.01	-2.5 to 2.5	Pass
								-20	3.85	-22.57	-0.01	-2.5 to 2.5	Pass
								-10	3.85	-13.96	-0.01	-2.5 to 2.5	Pass
							0	3.85	-13.59	-0.01	-2.5 to 2.5	Pass	
							10	3.85	-3.69	-0.00	-2.5 to 2.5	Pass	
							30	3.85	-5.35	-0.00	-2.5 to 2.5	Pass	
							40	3.85	1.86	0.00	-2.5 to 2.5	Pass	
							50	3.85	5.15	0.00	-2.5 to 2.5	Pass	



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Test Report No.: W7L-P22090015-4RF05

**B2\_15MHZ TEST RESULT**

Band: 2 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1857.5	75	0	20	3.27	-2.09	-0.00	-2.5 to 2.5	Pass	
					3.85	5.57	0.00	-2.5 to 2.5	Pass	
					4.43	5.85	0.00	-2.5 to 2.5	Pass	
				-30	3.85	3.92	0.00	-2.5 to 2.5	Pass	
					-20	3.85	2.43	0.00	-2.5 to 2.5	Pass
						-10	3.85	-2.16	-0.00	-2.5 to 2.5
					0	3.85	-11.74	-0.01	-2.5 to 2.5	Pass
					10	3.85	-19.50	-0.01	-2.5 to 2.5	Pass
					30	3.85	-28.02	-0.02	-2.5 to 2.5	Pass
					40	3.85	-32.30	-0.02	-2.5 to 2.5	Pass
	50	3.85	-39.05	-0.02	-2.5 to 2.5	Pass				
	1880	75	0	20	3.27	-15.12	-0.01	-2.5 to 2.5	Pass	
					3.85	-14.85	-0.01	-2.5 to 2.5	Pass	
					4.43	-16.68	-0.01	-2.5 to 2.5	Pass	
				-30	3.85	-20.76	-0.01	-2.5 to 2.5	Pass	
					-20	3.85	-25.32	-0.01	-2.5 to 2.5	Pass
						-10	3.85	-39.04	-0.02	-2.5 to 2.5
					0	3.85	-38.28	-0.02	-2.5 to 2.5	Pass
					10	3.85	-33.16	-0.02	-2.5 to 2.5	Pass
					30	3.85	-44.99	-0.02	-2.5 to 2.5	Pass
					40	3.85	-16.51	-0.01	-2.5 to 2.5	Pass
	50	3.85	4.74	0.00	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.27	-7.28	-0.00	-2.5 to 2.5	Pass	
					3.85	-2.75	-0.00	-2.5 to 2.5	Pass	
					4.43	-4.02	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-8.81	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-17.39	-0.01	-2.5 to 2.5	Pass
						-10	3.85	-34.85	-0.02	-2.5 to 2.5
					0	3.85	-38.14	-0.02	-2.5 to 2.5	Pass
					10	3.85	-27.12	-0.01	-2.5 to 2.5	Pass
30					3.85	-10.94	-0.01	-2.5 to 2.5	Pass	
40					3.85	-18.94	-0.01	-2.5 to 2.5	Pass	
50	3.85	-27.02	-0.01	-2.5 to 2.5	Pass					
16QAM	1857.5	75	0	20	3.27	-46.16	-0.02	-2.5 to 2.5	Pass	
					3.85	-33.67	-0.02	-2.5 to 2.5	Pass	
					4.43	5.59	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.69	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-4.92	-0.00	-2.5 to 2.5	Pass
						-10	3.85	1.45	0.00	-2.5 to 2.5
					0	3.85	2.80	0.00	-2.5 to 2.5	Pass
					10	3.85	2.69	0.00	-2.5 to 2.5	Pass
					30	3.85	8.28	0.00	-2.5 to 2.5	Pass
					40	3.85	6.14	0.00	-2.5 to 2.5	Pass
	50	3.85	8.21	0.00	-2.5 to 2.5	Pass				
	1880	75	0	20	3.27	4.65	0.00	-2.5 to 2.5	Pass	
					3.85	2.58	0.00	-2.5 to 2.5	Pass	
					4.43	1.52	0.00	-2.5 to 2.5	Pass	
				-30	3.85	4.42	0.00	-2.5 to 2.5	Pass	
					-20	3.85	5.14	0.00	-2.5 to 2.5	Pass
						-10	3.85	7.04	0.00	-2.5 to 2.5
					0	3.85	7.70	0.00	-2.5 to 2.5	Pass
					10	3.85	15.85	0.01	-2.5 to 2.5	Pass
					30	3.85	15.31	0.01	-2.5 to 2.5	Pass
					40	3.85	13.62	0.01	-2.5 to 2.5	Pass
	50	3.85	24.00	0.01	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.27	-36.32	-0.02	-2.5 to 2.5	Pass	
					3.85	-39.71	-0.02	-2.5 to 2.5	Pass	



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**Test Report No.: W7L-P22090015-4RF05**

					4.43	-45.59	-0.02	-2.5 to 2.5	Pass				
				-30	3.85	-38.18	-0.02	-2.5 to 2.5	Pass				
				-20	3.85	-36.39	-0.02	-2.5 to 2.5	Pass				
				-10	3.85	-36.82	-0.02	-2.5 to 2.5	Pass				
				0	3.85	-32.20	-0.02	-2.5 to 2.5	Pass				
				10	3.85	-30.41	-0.02	-2.5 to 2.5	Pass				
				30	3.85	-25.68	-0.01	-2.5 to 2.5	Pass				
				40	3.85	-25.19	-0.01	-2.5 to 2.5	Pass				
				50	3.85	-22.33	-0.01	-2.5 to 2.5	Pass				
64QAM	1857.5	75	0	20	3.27	12.37	0.01	-2.5 to 2.5	Pass				
					3.85	16.75	0.01	-2.5 to 2.5	Pass				
					4.43	17.51	0.01	-2.5 to 2.5	Pass				
								-30	3.85	21.34	0.01	-2.5 to 2.5	Pass
								-20	3.85	27.34	0.01	-2.5 to 2.5	Pass
								-10	3.85	33.42	0.02	-2.5 to 2.5	Pass
								0	3.85	24.12	0.01	-2.5 to 2.5	Pass
								10	3.85	-10.09	-0.01	-2.5 to 2.5	Pass
								30	3.85	-11.49	-0.01	-2.5 to 2.5	Pass
								40	3.85	-1.99	-0.00	-2.5 to 2.5	Pass
								50	3.85	0.50	0.00	-2.5 to 2.5	Pass
					1880	75	0	20	3.27	32.36	0.02	-2.5 to 2.5	Pass
	3.85	37.82	0.02	-2.5 to 2.5					Pass				
	4.43	9.58	0.01	-2.5 to 2.5					Pass				
								-30	3.85	-12.80	-0.01	-2.5 to 2.5	Pass
								-20	3.85	3.18	0.00	-2.5 to 2.5	Pass
								-10	3.85	17.18	0.01	-2.5 to 2.5	Pass
								0	3.85	34.09	0.02	-2.5 to 2.5	Pass
								10	3.85	39.52	0.02	-2.5 to 2.5	Pass
								30	3.85	8.84	0.00	-2.5 to 2.5	Pass
								40	3.85	19.33	0.01	-2.5 to 2.5	Pass
								50	3.85	26.12	0.01	-2.5 to 2.5	Pass
		1902.5	75	0				20	3.27	-13.30	-0.01	-2.5 to 2.5	Pass
	3.85				-12.95	-0.01	-2.5 to 2.5		Pass				
	4.43				-8.58	-0.00	-2.5 to 2.5		Pass				
								-30	3.85	-2.99	-0.00	-2.5 to 2.5	Pass
								-20	3.85	2.66	0.00	-2.5 to 2.5	Pass
								-10	3.85	7.68	0.00	-2.5 to 2.5	Pass
							0	3.85	11.33	0.01	-2.5 to 2.5	Pass	
							10	3.85	12.99	0.01	-2.5 to 2.5	Pass	
							30	3.85	18.55	0.01	-2.5 to 2.5	Pass	
							40	3.85	23.53	0.01	-2.5 to 2.5	Pass	
							50	3.85	27.08	0.01	-2.5 to 2.5	Pass	



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Test Report No.: W7L-P22090015-4RF05

## B2\_20MHZ TEST RESULT

Band: 2 / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1860	100	0	20	3.27	11.03	0.01	-2.5 to 2.5	Pass	
					3.85	23.88	0.01	-2.5 to 2.5	Pass	
					4.43	19.41	0.01	-2.5 to 2.5	Pass	
				-30	3.85	10.50	0.01	-2.5 to 2.5	Pass	
				-20	3.85	3.49	0.00	-2.5 to 2.5	Pass	
				-10	3.85	-3.83	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-12.86	-0.01	-2.5 to 2.5	Pass	
				10	3.85	-26.68	-0.01	-2.5 to 2.5	Pass	
				30	3.85	-34.86	-0.02	-2.5 to 2.5	Pass	
				40	3.85	2.77	0.00	-2.5 to 2.5	Pass	
				50	3.85	4.09	0.00	-2.5 to 2.5	Pass	
				1880	100	0	20	3.27	13.33	0.01
	3.85	14.18	0.01					-2.5 to 2.5	Pass	
	4.43	5.91	0.00					-2.5 to 2.5	Pass	
	-30	3.85	-4.82				-0.00	-2.5 to 2.5	Pass	
	-20	3.85	-18.85				-0.01	-2.5 to 2.5	Pass	
	-10	3.85	-27.01				-0.01	-2.5 to 2.5	Pass	
	0	3.85	-29.55				-0.02	-2.5 to 2.5	Pass	
	10	3.85	-36.69				-0.02	-2.5 to 2.5	Pass	
	30	3.85	-40.28				-0.02	-2.5 to 2.5	Pass	
	40	3.85	-21.47				-0.01	-2.5 to 2.5	Pass	
	50	3.85	-30.27				-0.02	-2.5 to 2.5	Pass	
	16QAM	1860	100				0	20	3.27	2.58
				3.85	-7.20	-0.00			-2.5 to 2.5	Pass
4.43				-20.20	-0.01	-2.5 to 2.5			Pass	
-30				3.85	-32.10	-0.02		-2.5 to 2.5	Pass	
-20				3.85	-45.13	-0.02		-2.5 to 2.5	Pass	
-10				3.85	-9.70	-0.01		-2.5 to 2.5	Pass	
0				3.85	-26.11	-0.01		-2.5 to 2.5	Pass	
10				3.85	-22.32	-0.01		-2.5 to 2.5	Pass	
30				3.85	-36.46	-0.02		-2.5 to 2.5	Pass	
40				3.85	-18.37	-0.01		-2.5 to 2.5	Pass	
50				3.85	-11.96	-0.01		-2.5 to 2.5	Pass	
16QAM				1880	100	0		20	3.27	-8.18
	3.85	-12.73	-0.01				-2.5 to 2.5		Pass	
	4.43	-22.55	-0.01				-2.5 to 2.5		Pass	
	-30	3.85	-24.18				-0.01	-2.5 to 2.5	Pass	
	-20	3.85	-18.43				-0.01	-2.5 to 2.5	Pass	
	-10	3.85	-15.82				-0.01	-2.5 to 2.5	Pass	
	0	3.85	-14.48				-0.01	-2.5 to 2.5	Pass	
	10	3.85	-5.57				-0.00	-2.5 to 2.5	Pass	
	30	3.85	-5.26				-0.00	-2.5 to 2.5	Pass	
	40	3.85	-8.18				-0.00	-2.5 to 2.5	Pass	
	50	3.85	-7.58				-0.00	-2.5 to 2.5	Pass	
	16QAM	1880	100				0	20	3.27	-39.90
3.85				-36.72	-0.02	-2.5 to 2.5			Pass	
4.43				-30.33	-0.02	-2.5 to 2.5			Pass	
-30				3.85	-26.06	-0.01		-2.5 to 2.5	Pass	
-20				3.85	-28.37	-0.02		-2.5 to 2.5	Pass	
-10				3.85	-21.52	-0.01		-2.5 to 2.5	Pass	
0				3.85	-14.26	-0.01		-2.5 to 2.5	Pass	
10				3.85	-10.86	-0.01		-2.5 to 2.5	Pass	
30				3.85	1.30	0.00		-2.5 to 2.5	Pass	



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**Test Report No.: W7L-P22090015-4RF05**

	1900	100	0	40	3.85	1.50	0.00	-2.5 to 2.5	Pass
				50	3.85	1.02	0.00	-2.5 to 2.5	Pass
				20	3.27	-30.25	-0.02	-2.5 to 2.5	Pass
					3.85	-27.21	-0.01	-2.5 to 2.5	Pass
					4.43	-21.44	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-28.82	-0.02	-2.5 to 2.5	Pass
				-20	3.85	-28.04	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-21.50	-0.01	-2.5 to 2.5	Pass
				0	3.85	-28.25	-0.01	-2.5 to 2.5	Pass
				10	3.85	-19.43	-0.01	-2.5 to 2.5	Pass
				30	3.85	-31.71	-0.02	-2.5 to 2.5	Pass
				40	3.85	-28.94	-0.02	-2.5 to 2.5	Pass
				50	3.85	-22.20	-0.01	-2.5 to 2.5	Pass
64QAM	1860	100	0	20	3.27	-0.04	0.00	-2.5 to 2.5	Pass
					3.85	11.47	0.01	-2.5 to 2.5	Pass
					4.43	12.39	0.01	-2.5 to 2.5	Pass
				-30	3.85	24.49	0.01	-2.5 to 2.5	Pass
				-20	3.85	35.33	0.02	-2.5 to 2.5	Pass
				-10	3.85	19.33	0.01	-2.5 to 2.5	Pass
				0	3.85	5.89	0.00	-2.5 to 2.5	Pass
				10	3.85	16.81	0.01	-2.5 to 2.5	Pass
				30	3.85	22.14	0.01	-2.5 to 2.5	Pass
				40	3.85	29.78	0.02	-2.5 to 2.5	Pass
	50	3.85	37.78	0.02	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	2.30	0.00	-2.5 to 2.5	Pass
					3.85	18.67	0.01	-2.5 to 2.5	Pass
					4.43	30.89	0.02	-2.5 to 2.5	Pass
				-30	3.85	28.71	0.02	-2.5 to 2.5	Pass
				-20	3.85	13.49	0.01	-2.5 to 2.5	Pass
				-10	3.85	26.44	0.01	-2.5 to 2.5	Pass
				0	3.85	32.26	0.02	-2.5 to 2.5	Pass
				10	3.85	42.91	0.02	-2.5 to 2.5	Pass
				30	3.85	-8.60	-0.00	-2.5 to 2.5	Pass
				40	3.85	2.69	0.00	-2.5 to 2.5	Pass
	50	3.85	7.71	0.00	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-23.26	-0.01	-2.5 to 2.5	Pass
					3.85	-40.88	-0.02	-2.5 to 2.5	Pass
					4.43	-27.34	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-22.83	-0.01	-2.5 to 2.5	Pass
-20				3.85	-14.29	-0.01	-2.5 to 2.5	Pass	
-10				3.85	-30.87	-0.02	-2.5 to 2.5	Pass	
0				3.85	-40.15	-0.02	-2.5 to 2.5	Pass	
10				3.85	-34.46	-0.02	-2.5 to 2.5	Pass	
30				3.85	1.04	0.00	-2.5 to 2.5	Pass	
40				3.85	-19.80	-0.01	-2.5 to 2.5	Pass	
50	3.85	-37.15	-0.02	-2.5 to 2.5	Pass				





**99% & 26DB BANDWIDTH 99%\_OBW TEST RESULT**

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.109	Pass
		1880	6	0	1.117	Pass
		1909.3	6	0	1.104	Pass
	16QAM	1850.7	6	0	1.109	Pass
		1880	6	0	1.115	Pass
		1909.3	6	0	1.120	Pass
	64QAM	1850.7	6	0	1.116	Pass
		1880	6	0	1.112	Pass
		1909.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.762	Pass
		1880	15	0	2.763	Pass
		1908.5	15	0	2.759	Pass
	16QAM	1851.5	15	0	2.753	Pass
		1880	15	0	2.746	Pass
		1908.5	15	0	2.773	Pass
	64QAM	1851.5	15	0	2.767	Pass
		1880	15	0	2.746	Pass
		1908.5	15	0	2.743	Pass
5	QPSK	1852.5	25	0	4.556	Pass
		1880	25	0	4.555	Pass
		1907.5	25	0	4.553	Pass
	16QAM	1852.5	25	0	4.554	Pass
		1880	25	0	4.546	Pass
		1907.5	25	0	4.552	Pass
	64QAM	1852.5	25	0	4.553	Pass
		1880	25	0	4.560	Pass
		1907.5	25	0	4.552	Pass
10	QPSK	1855	50	0	9.078	Pass
		1880	50	0	9.046	Pass
		1905	50	0	9.091	Pass
	16QAM	1855	50	0	9.071	Pass
		1880	50	0	9.067	Pass
		1905	50	0	9.080	Pass
	64QAM	1855	50	0	9.046	Pass
		1880	50	0	9.046	Pass
		1905	50	0	9.060	Pass
15	QPSK	1857.5	75	0	13.645	Pass
		1880	75	0	13.632	Pass
		1902.5	75	0	13.617	Pass
	16QAM	1857.5	75	0	13.659	Pass
		1880	75	0	13.680	Pass
		1902.5	75	0	13.686	Pass
	64QAM	1857.5	75	0	13.643	Pass
		1880	75	0	13.619	Pass
		1902.5	75	0	13.658	Pass
20	QPSK	1860	100	0	18.128	Pass
		1880	100	0	18.190	Pass
		1900	100	0	18.135	Pass
	16QAM	1860	100	0	18.187	Pass
		1880	100	0	18.156	Pass
		1900	100	0	18.123	Pass
	64QAM	1860	100	0	18.144	Pass
		1880	100	0	18.191	Pass



**BUREAU**  
**VERITAS**

**Test Report No.: W7L-P22090015-4RF05**

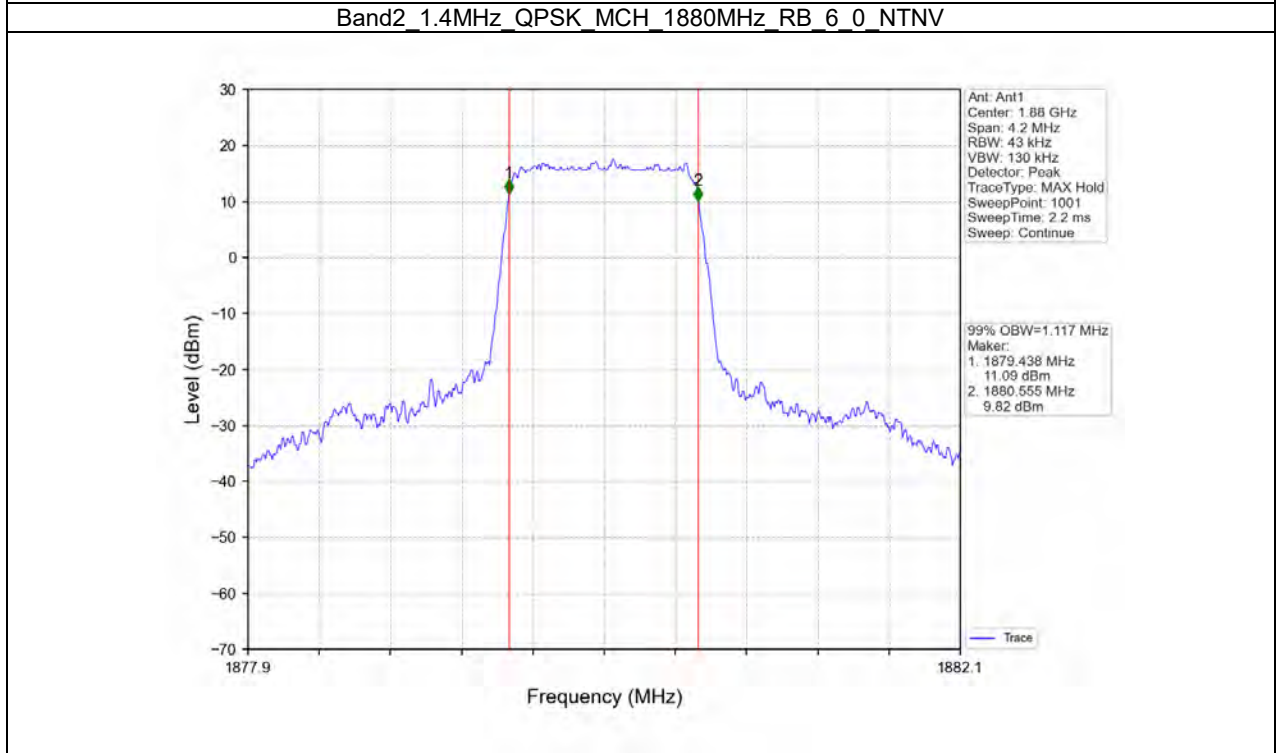
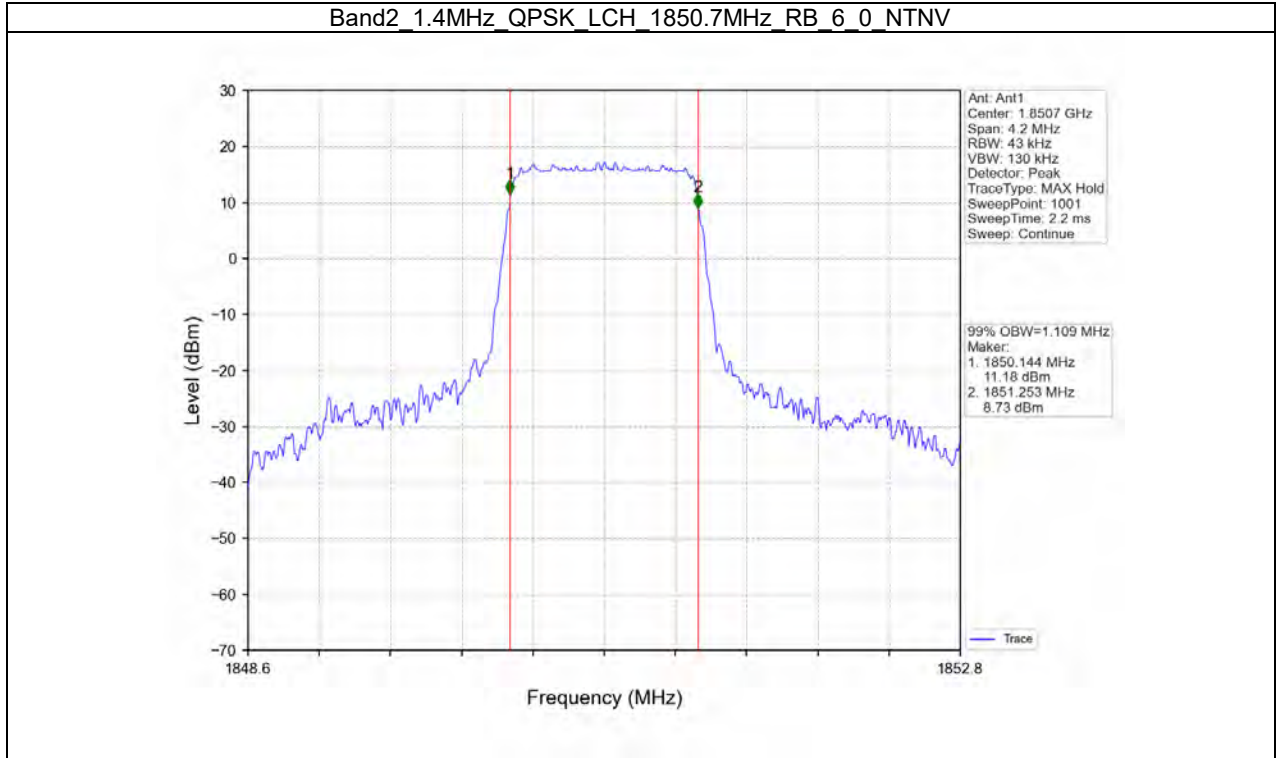
		1900	100	0	18.138	Pass
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BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

## TEST GRAPH

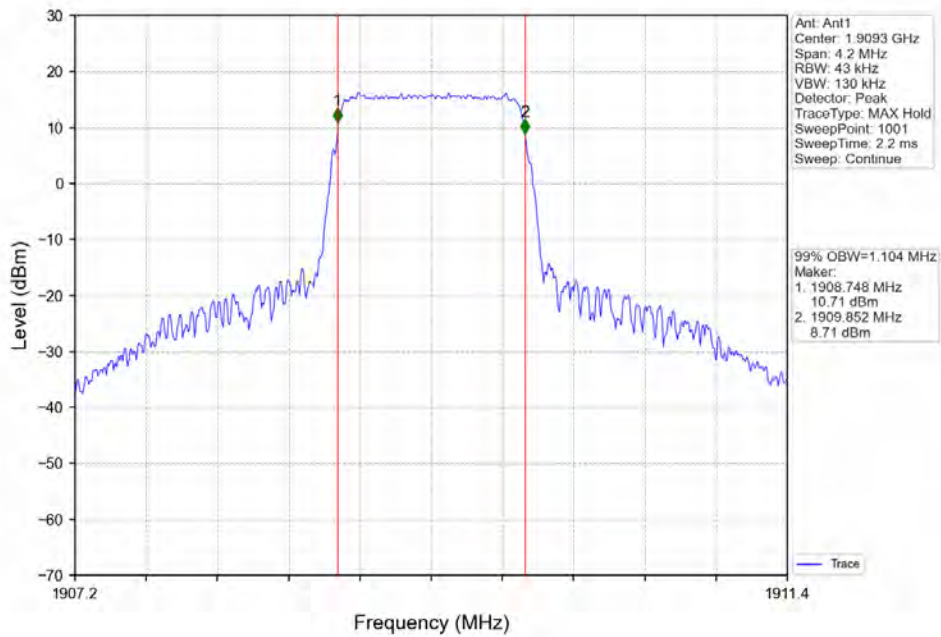




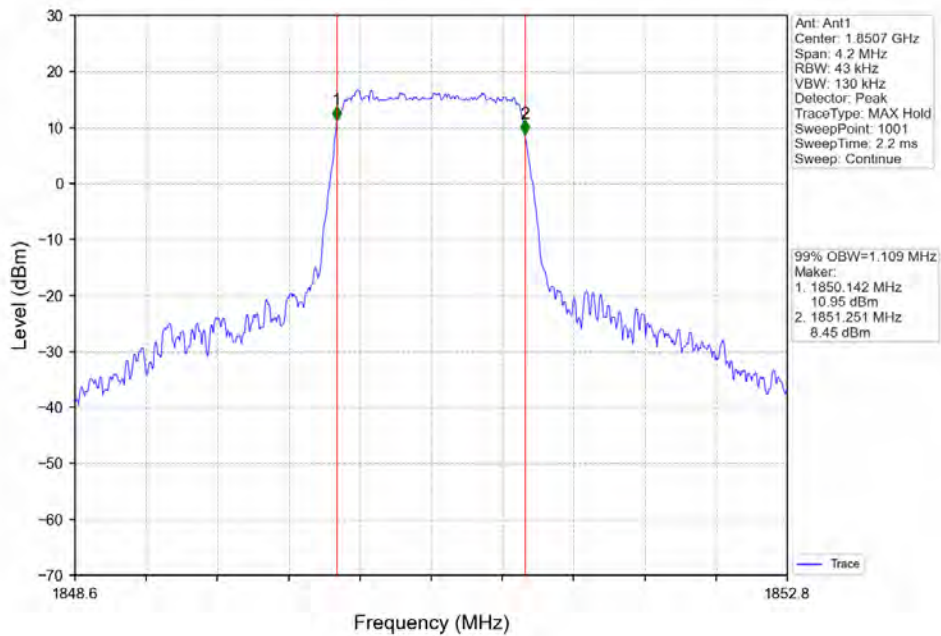
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTVN



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTVN

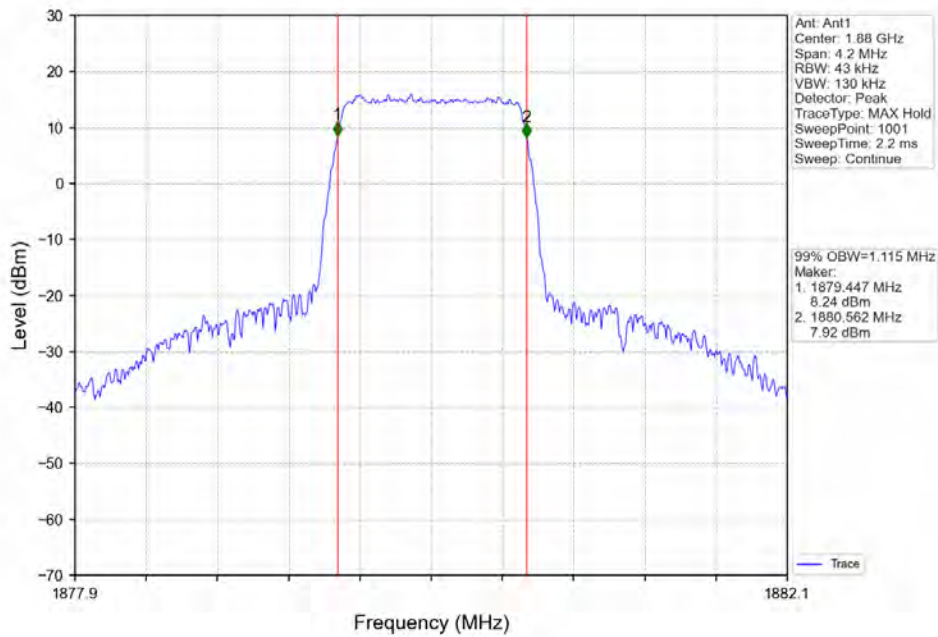




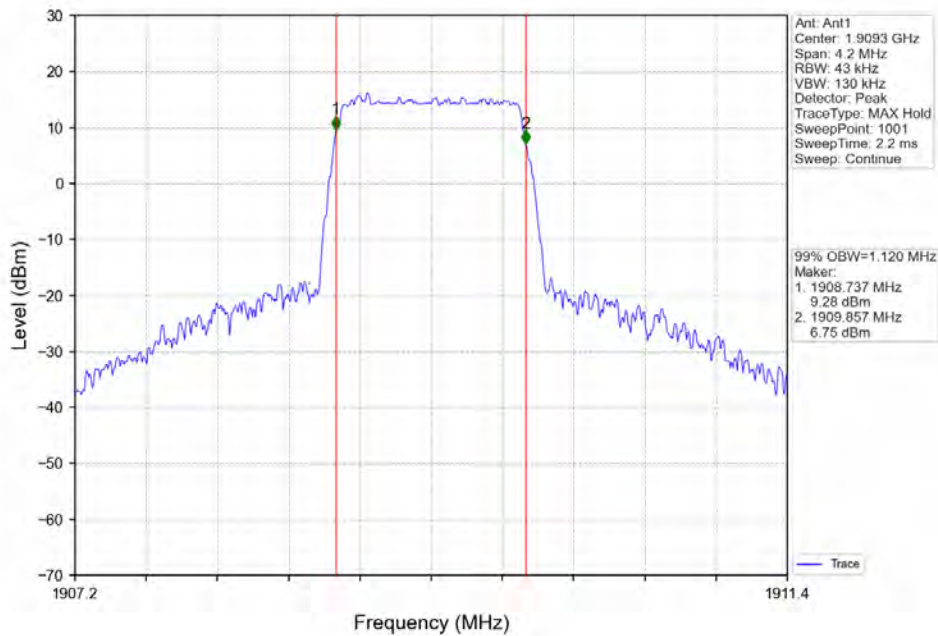
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV

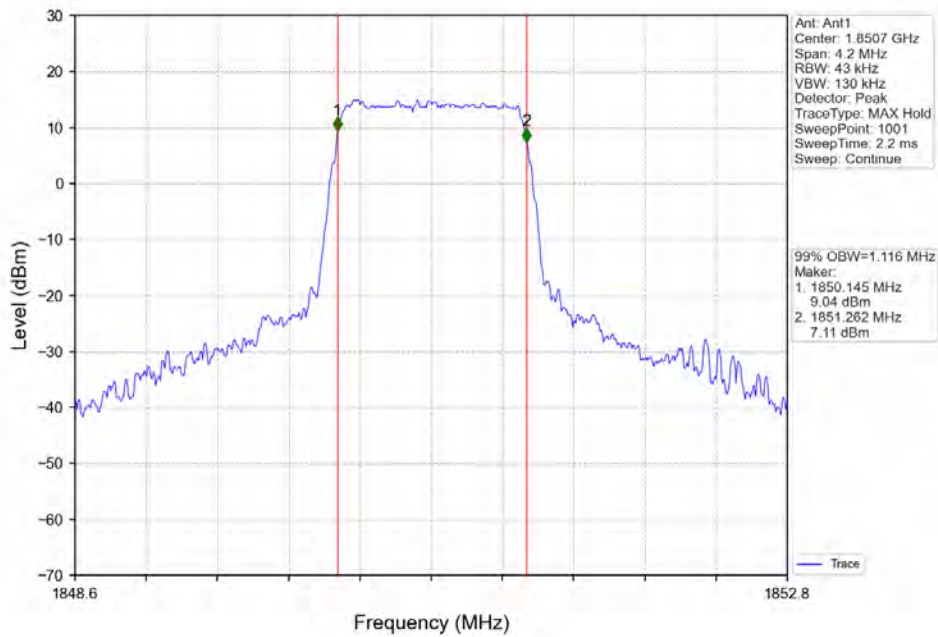




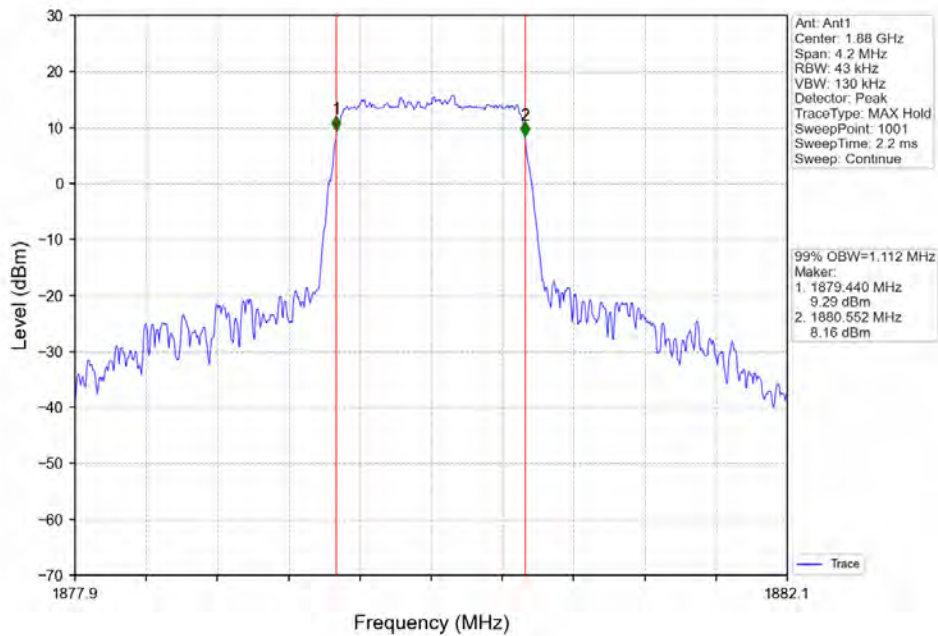
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



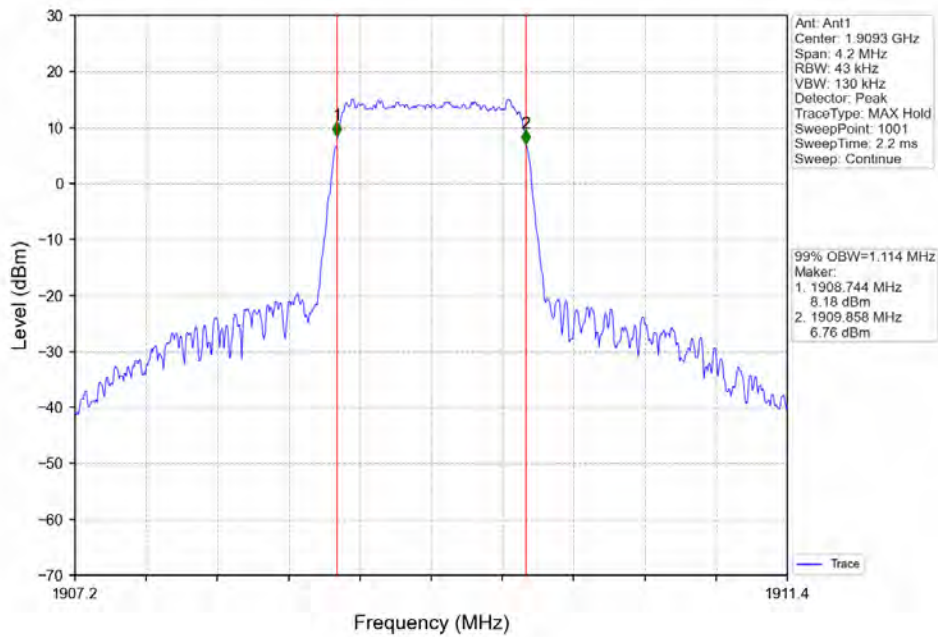




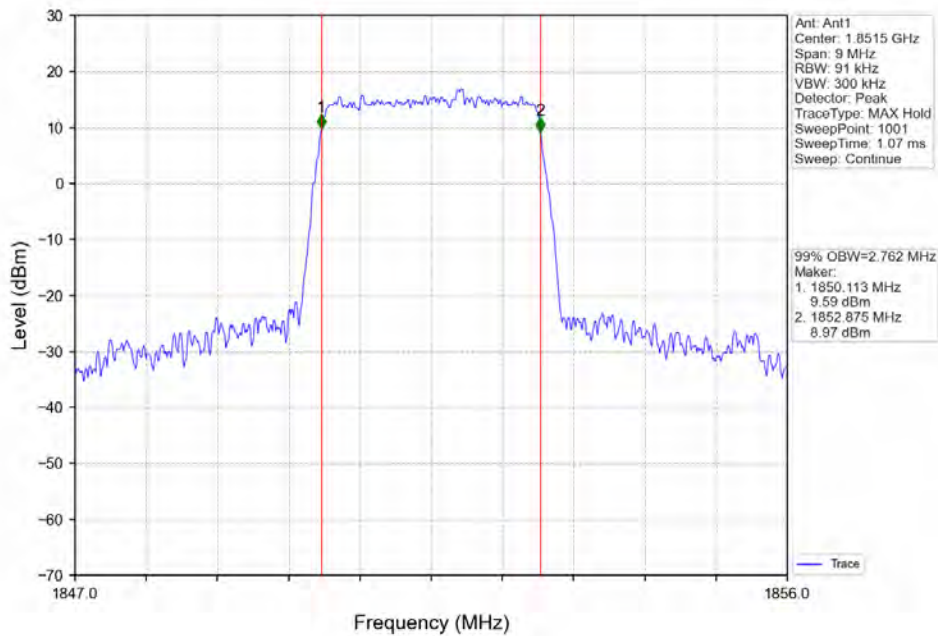
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

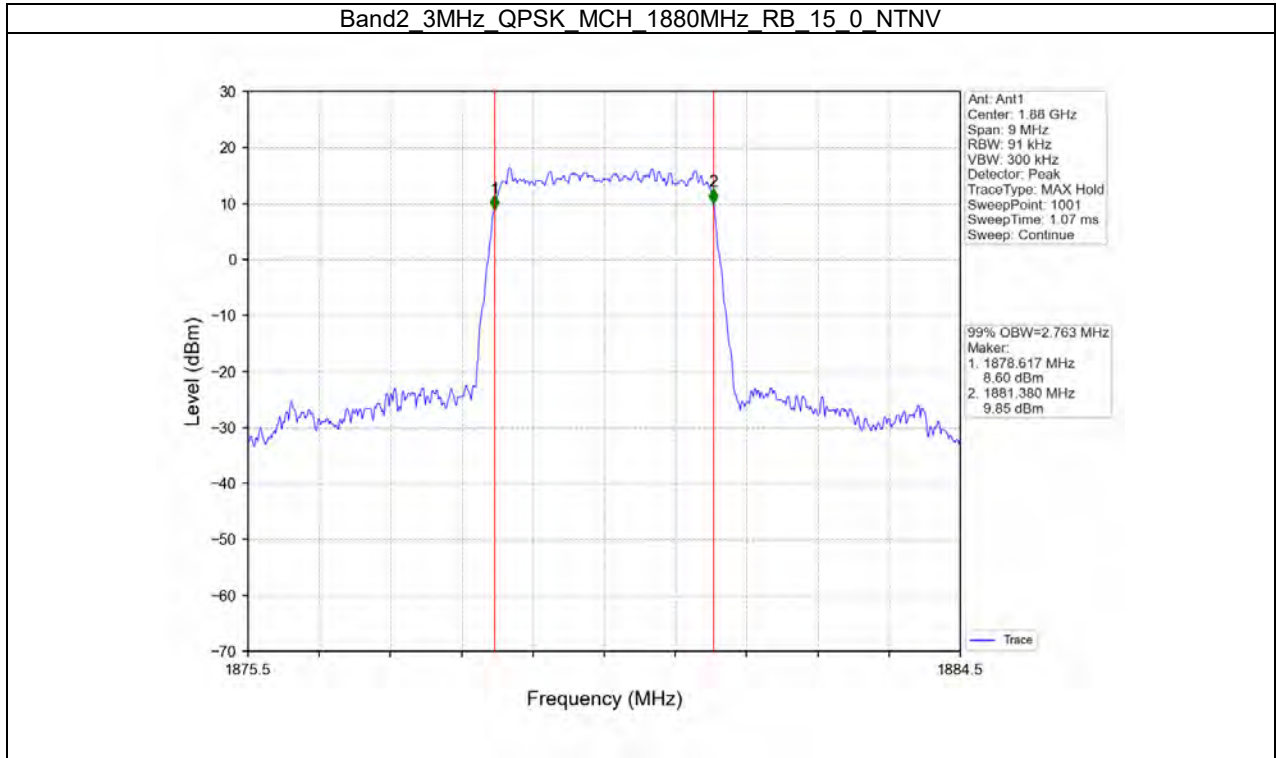






BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

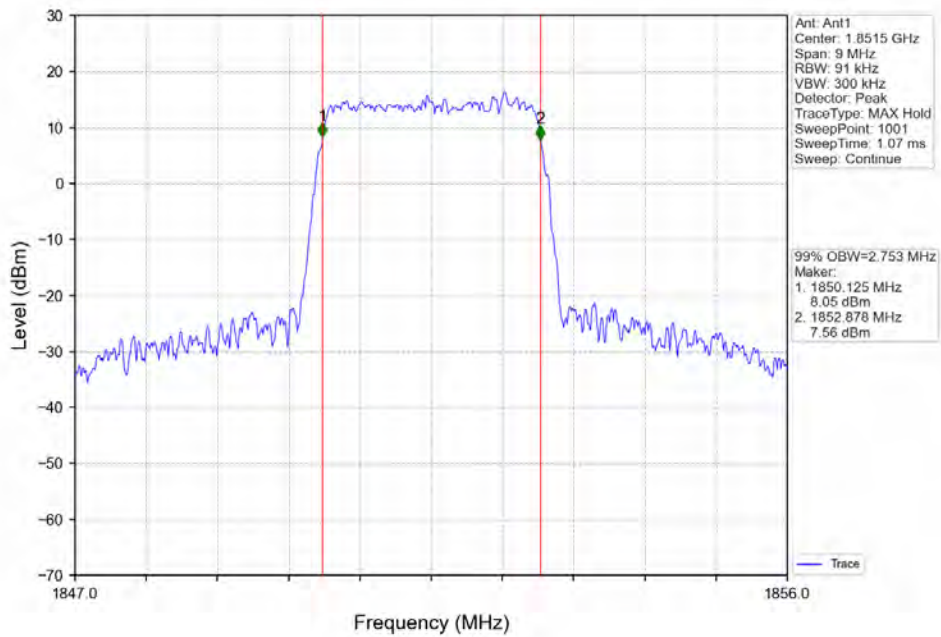




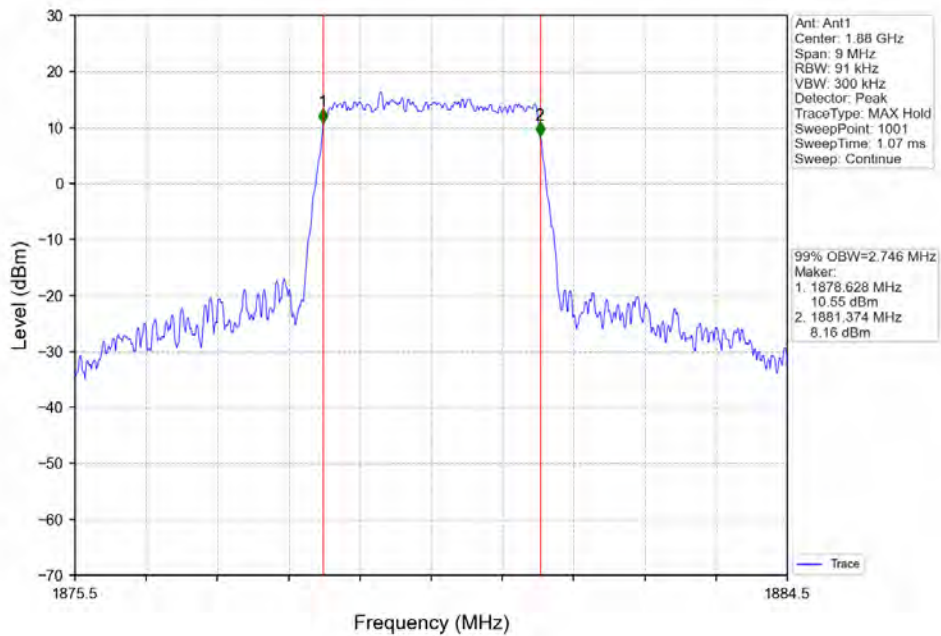
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV

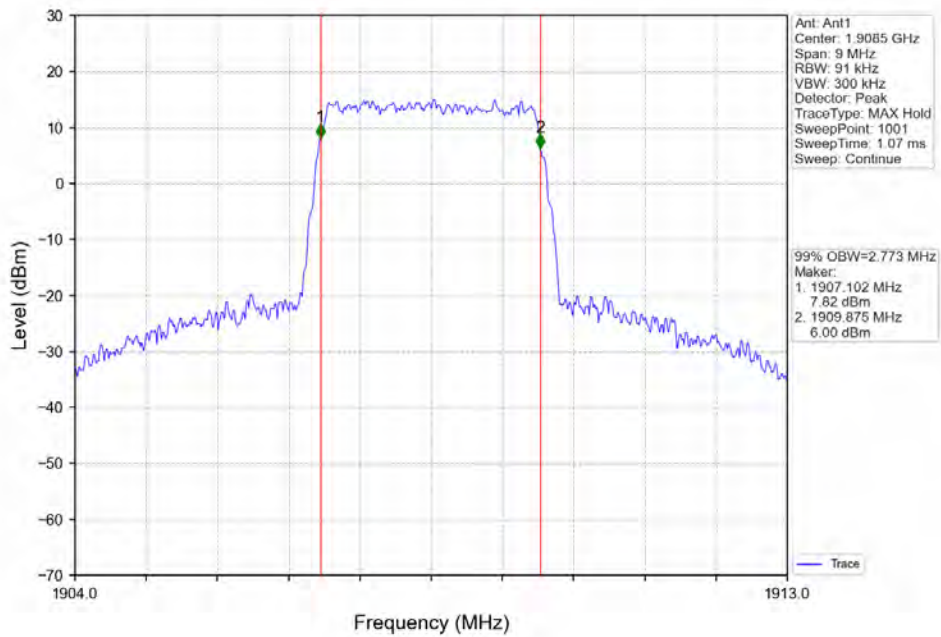




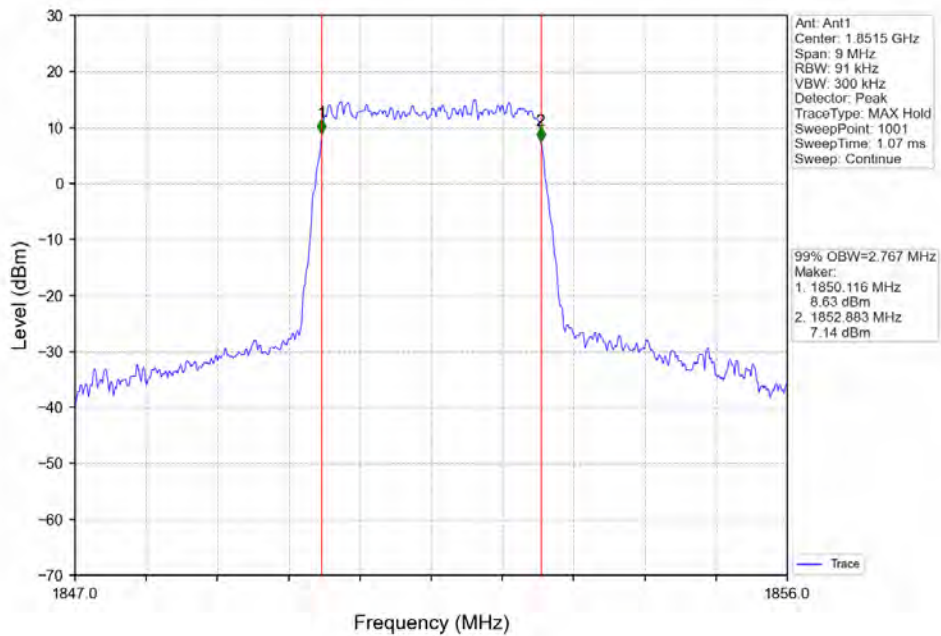
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTVN



Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTVN

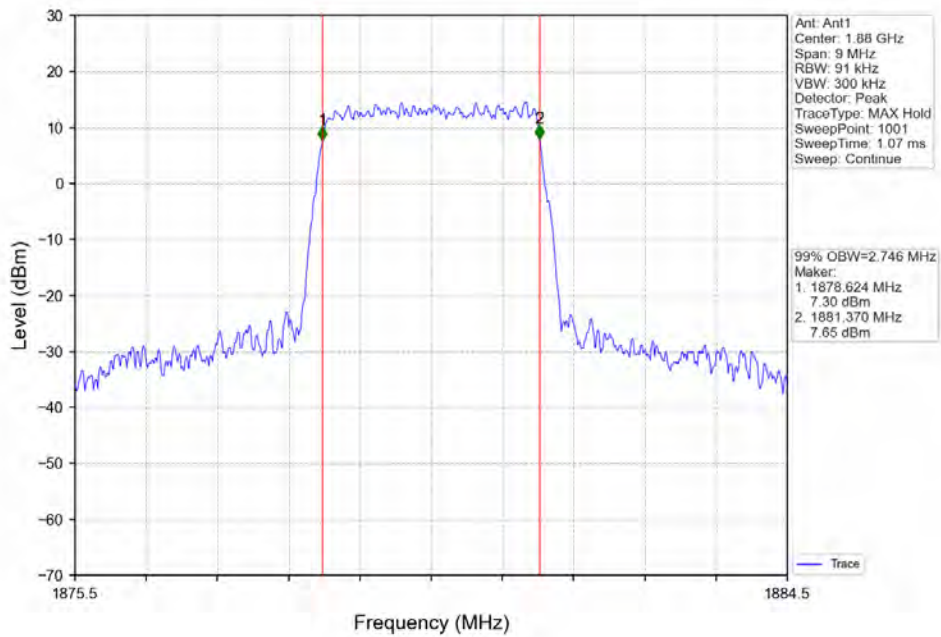




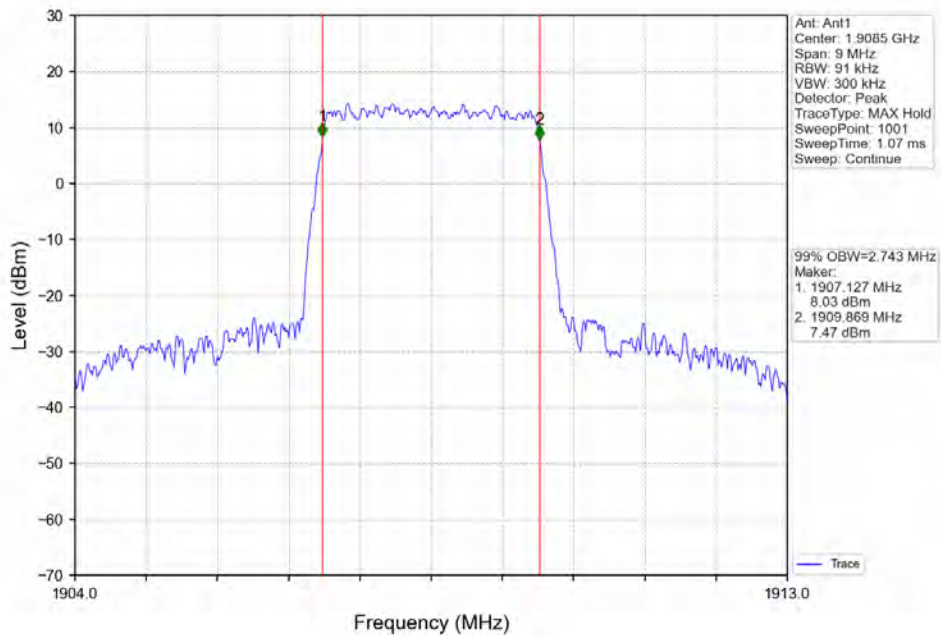
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_64QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

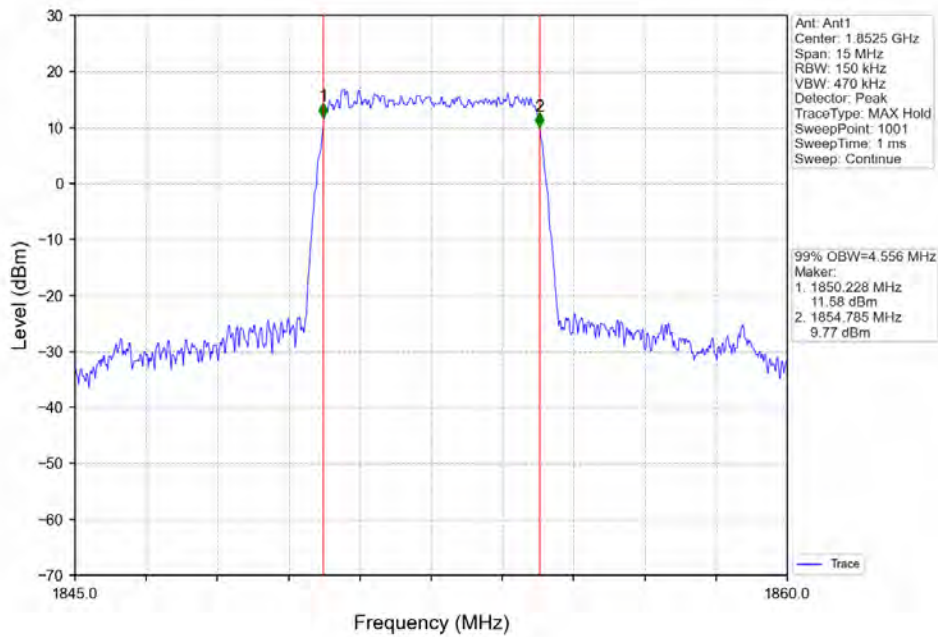




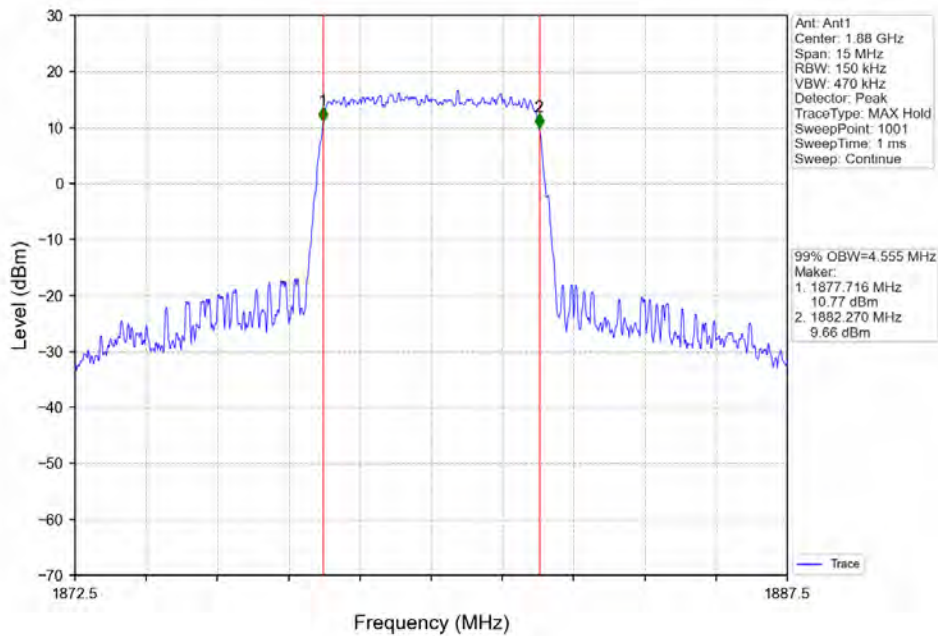
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



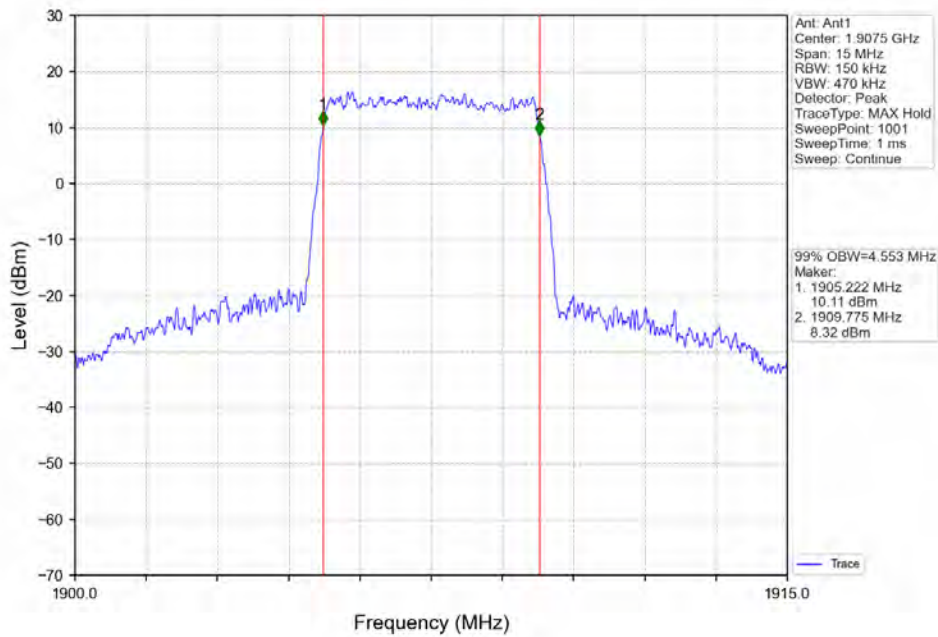




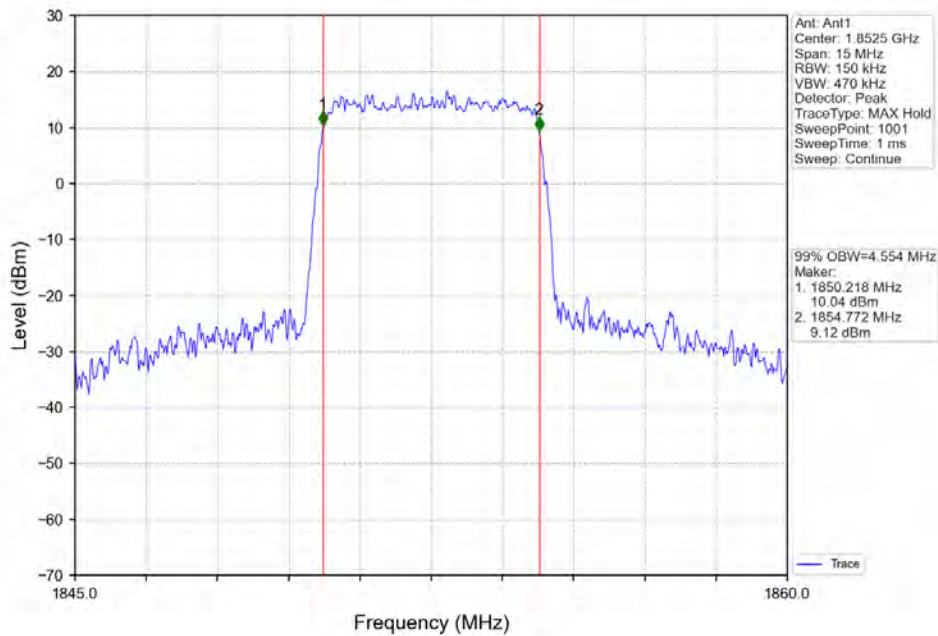
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



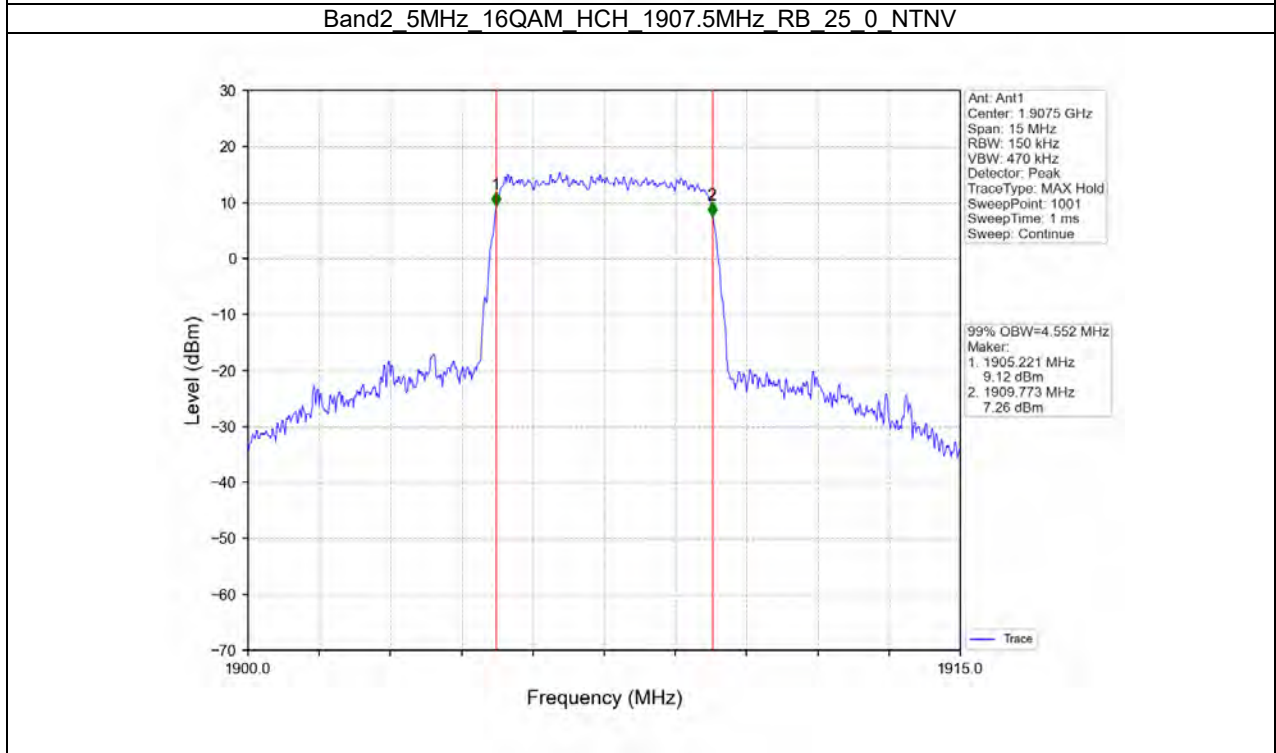
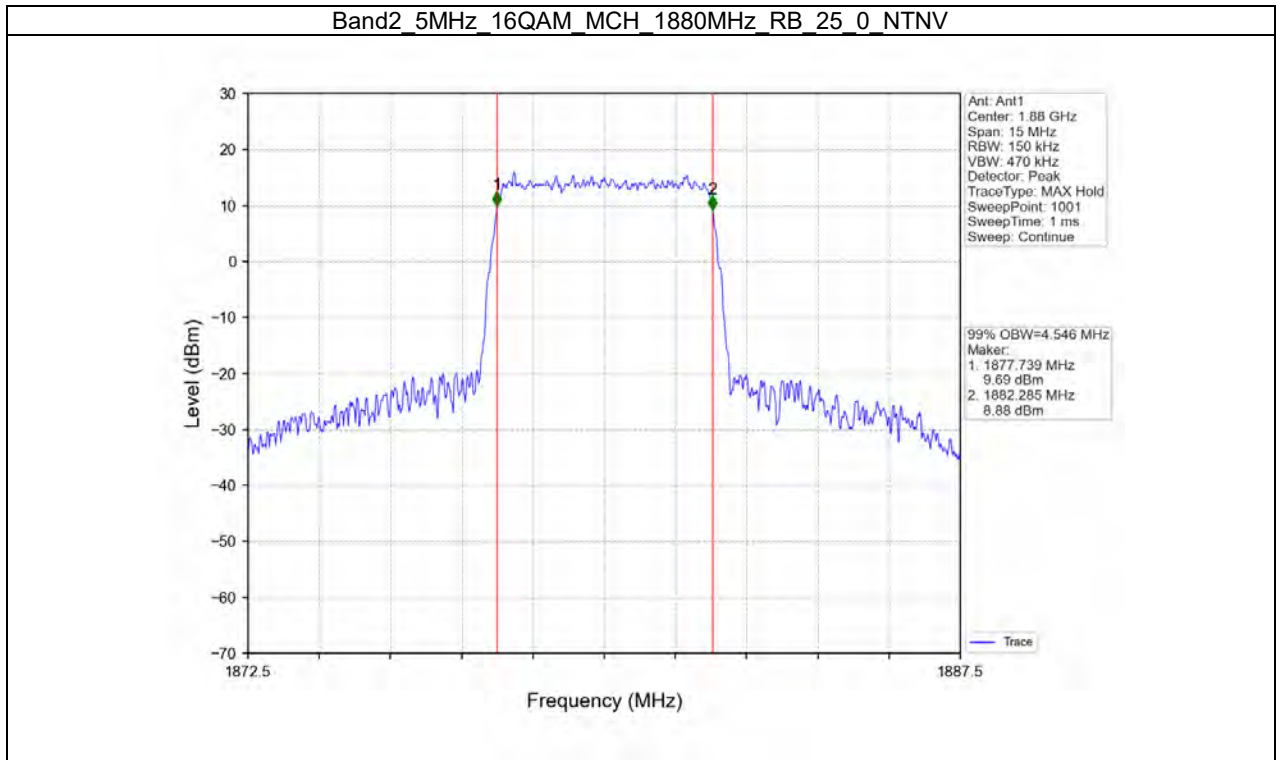
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05



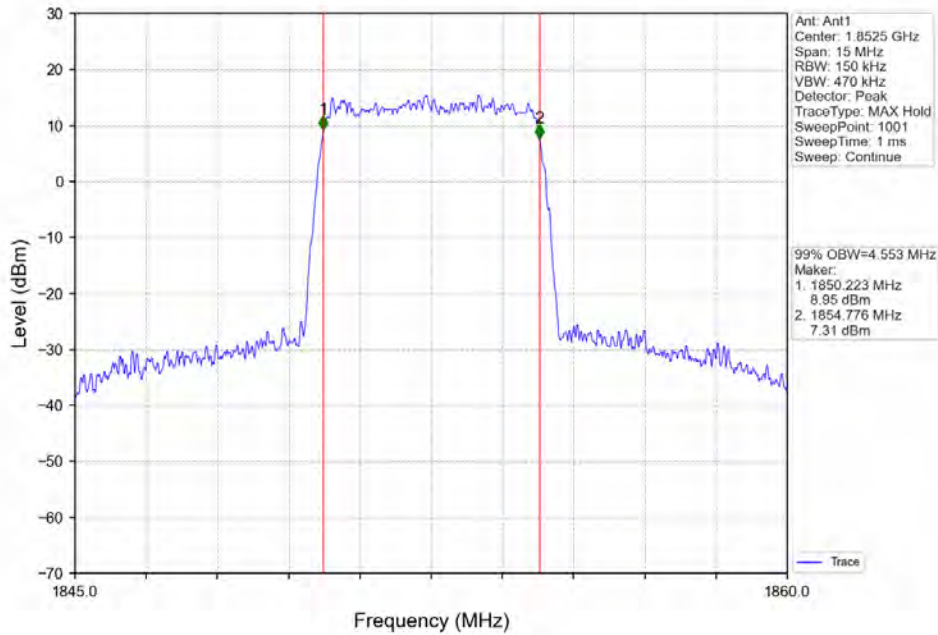




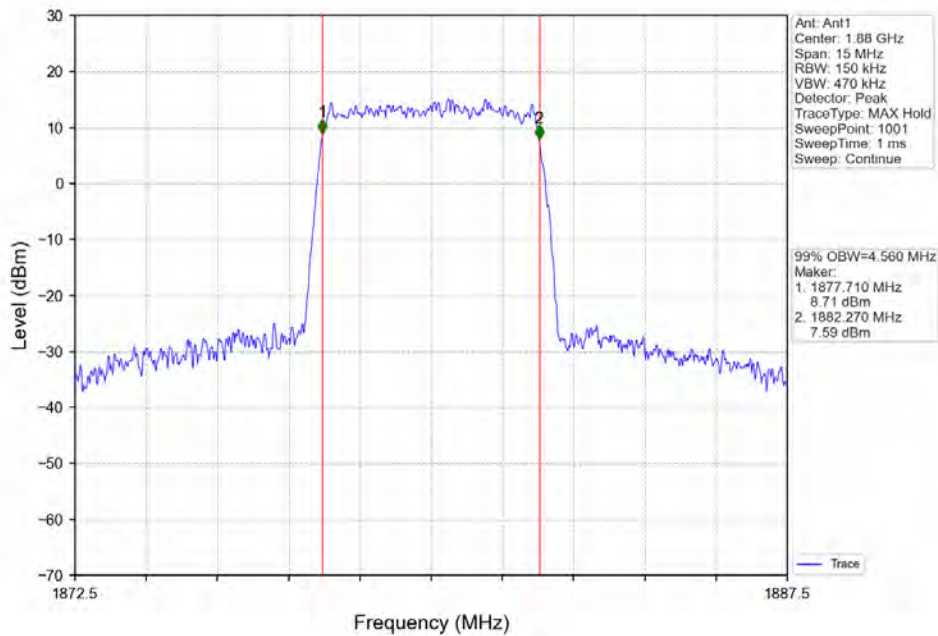
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV

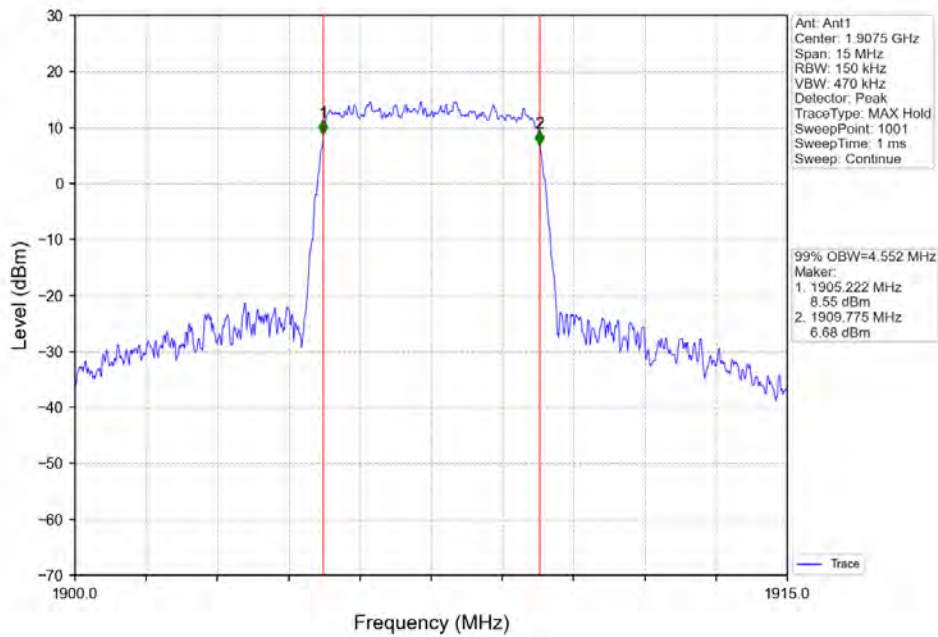




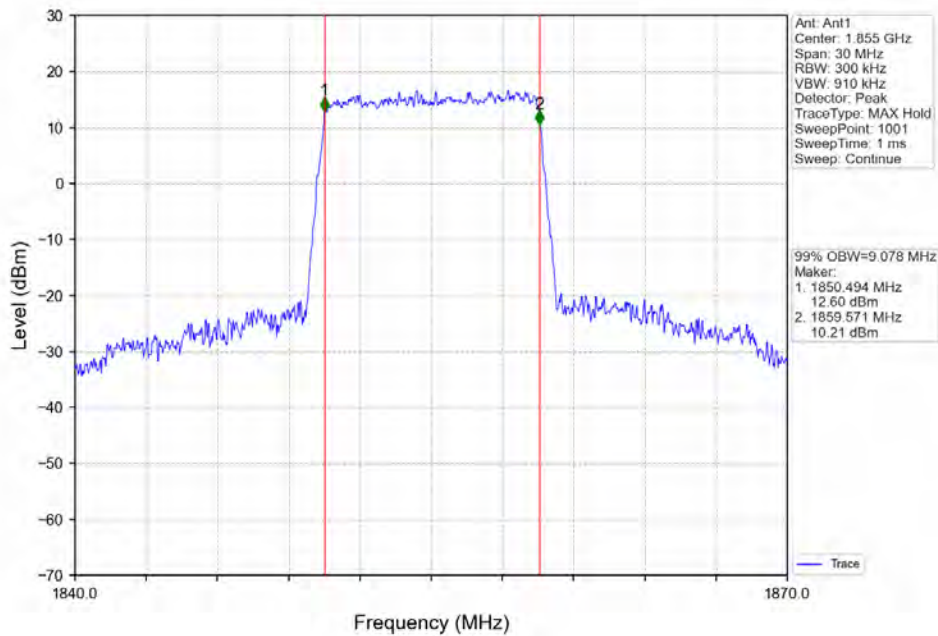
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



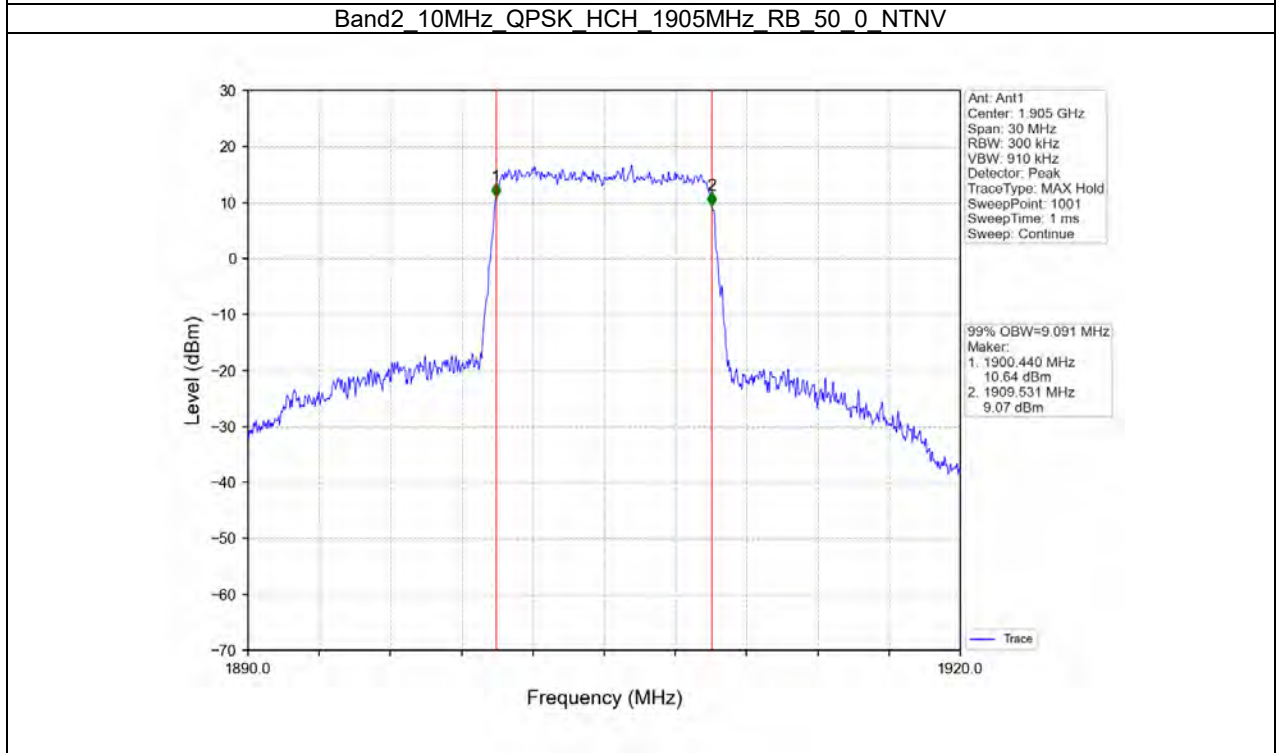
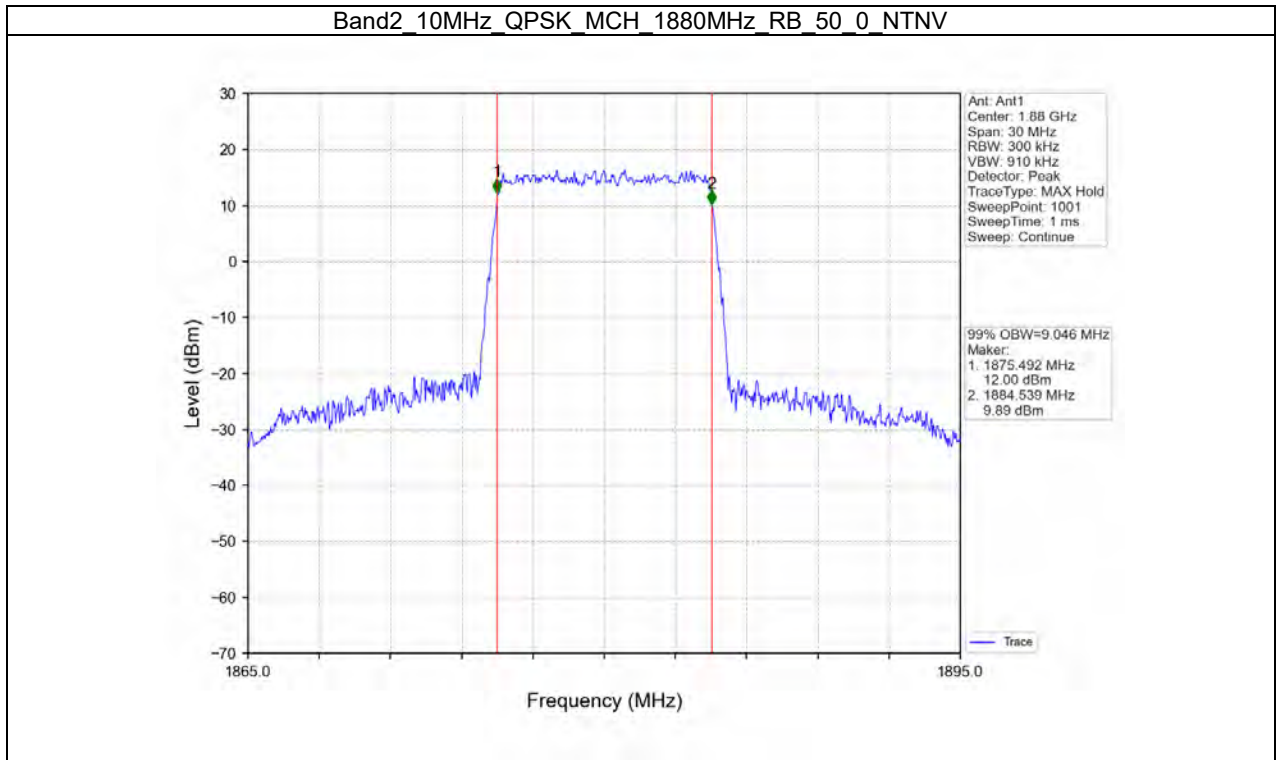
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

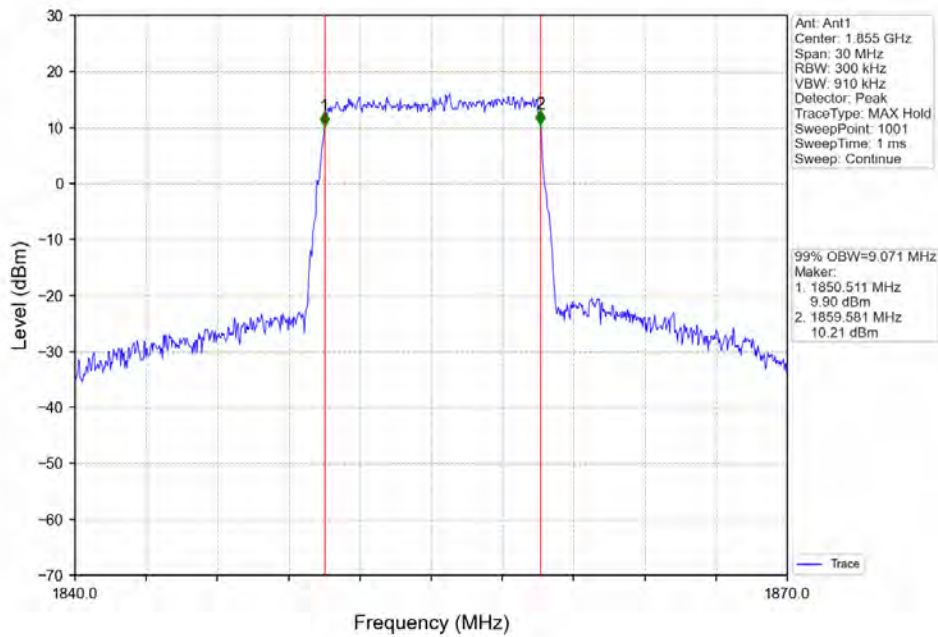




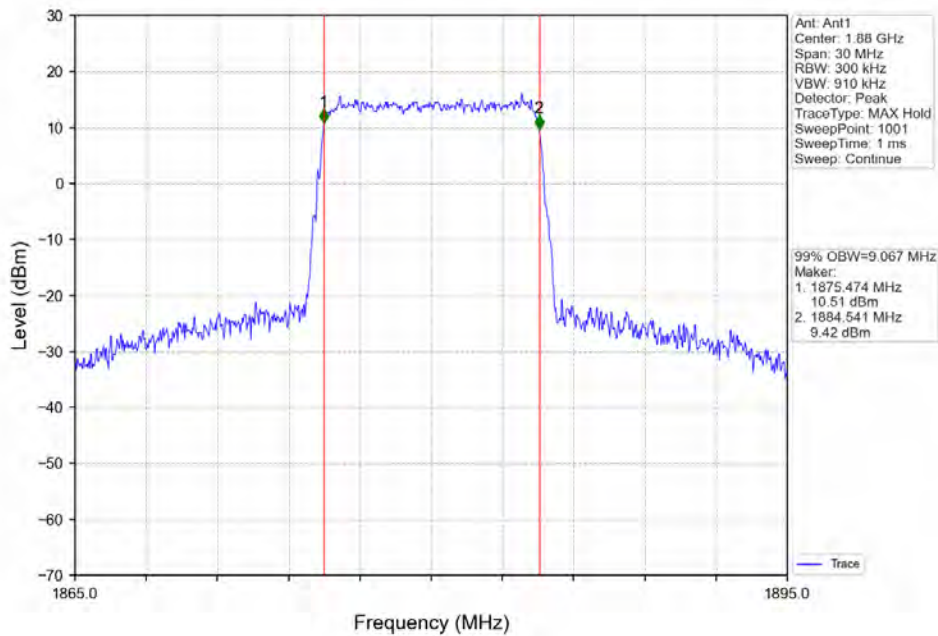
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



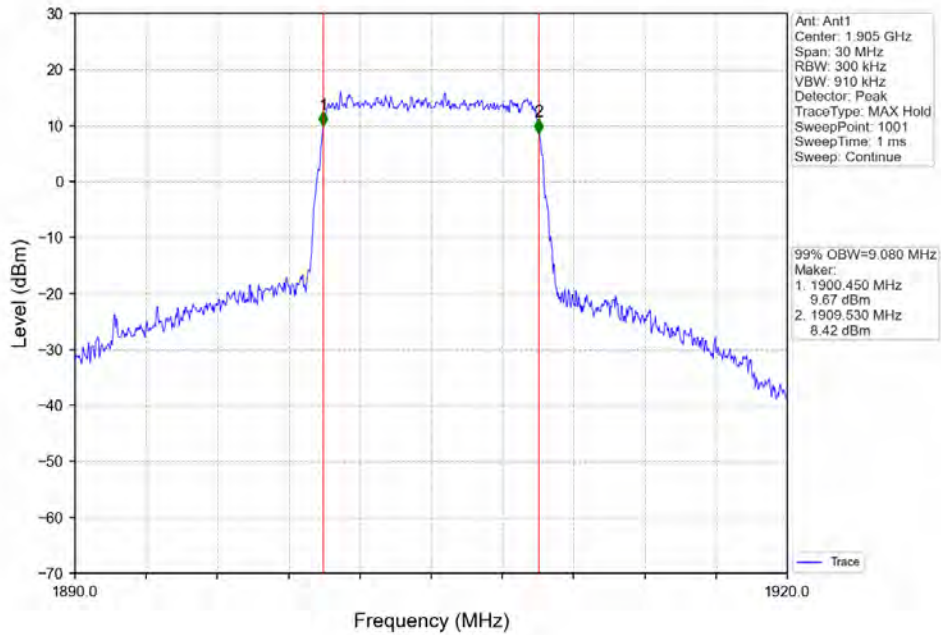




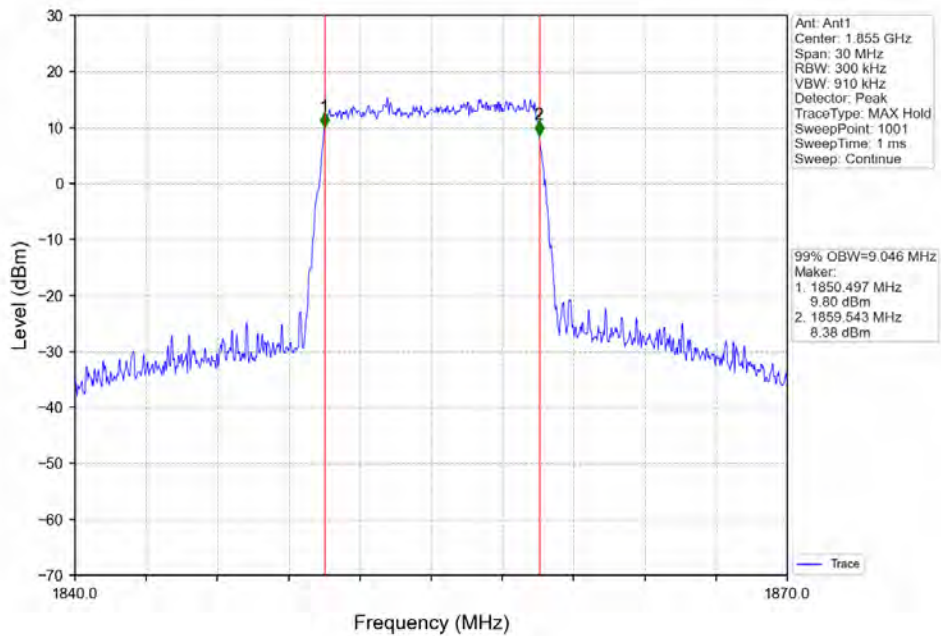
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

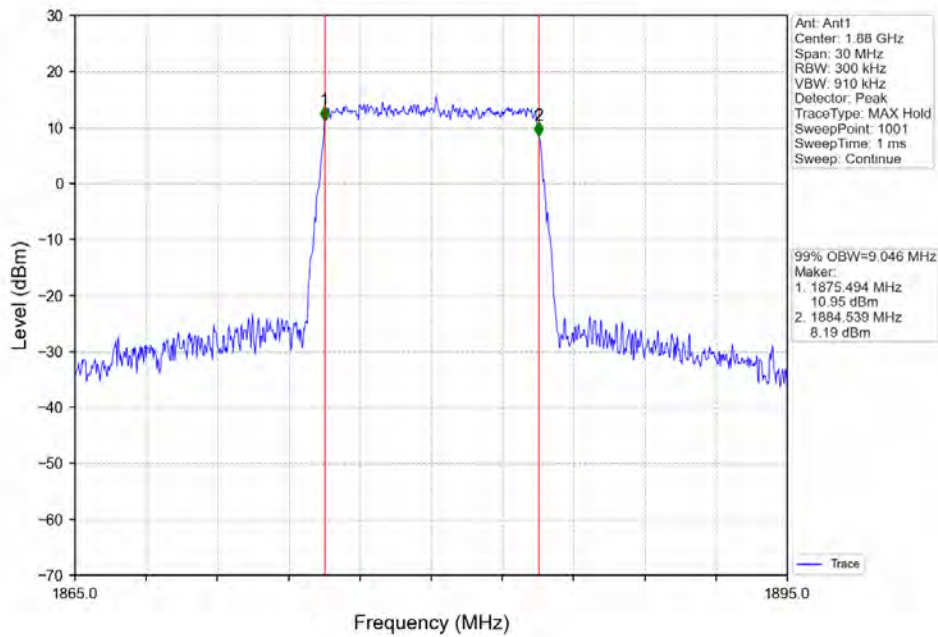




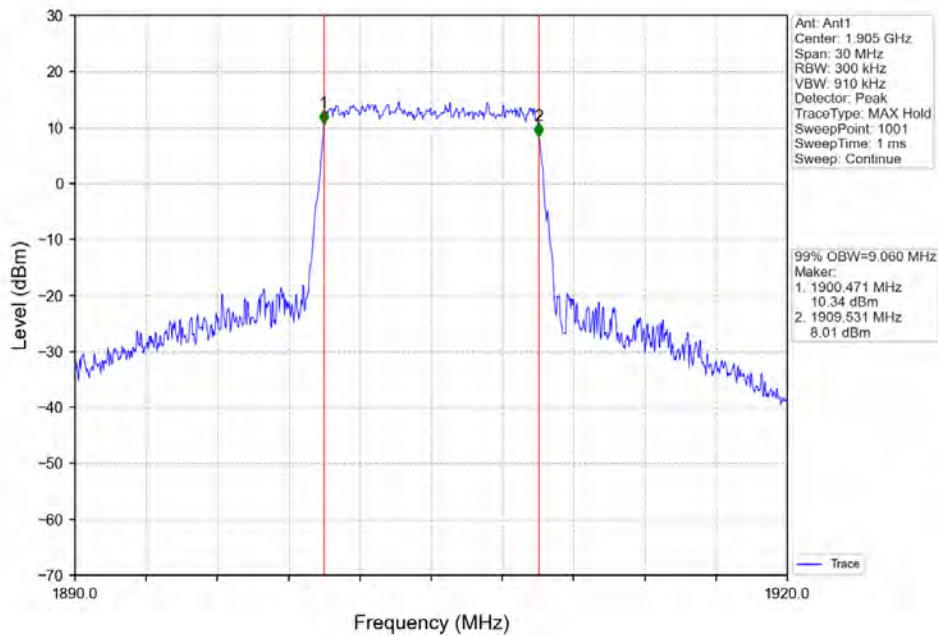
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 10MHz 64QAM MCH 1880MHz RB 50 0 NTV



Band2 10MHz 64QAM HCH 1905MHz RB 50 0 NTV

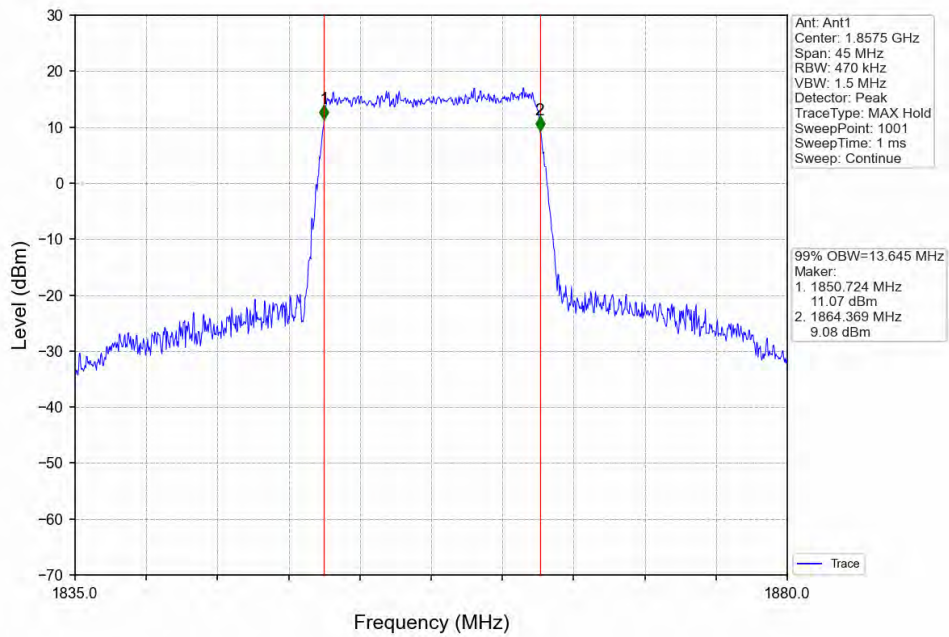




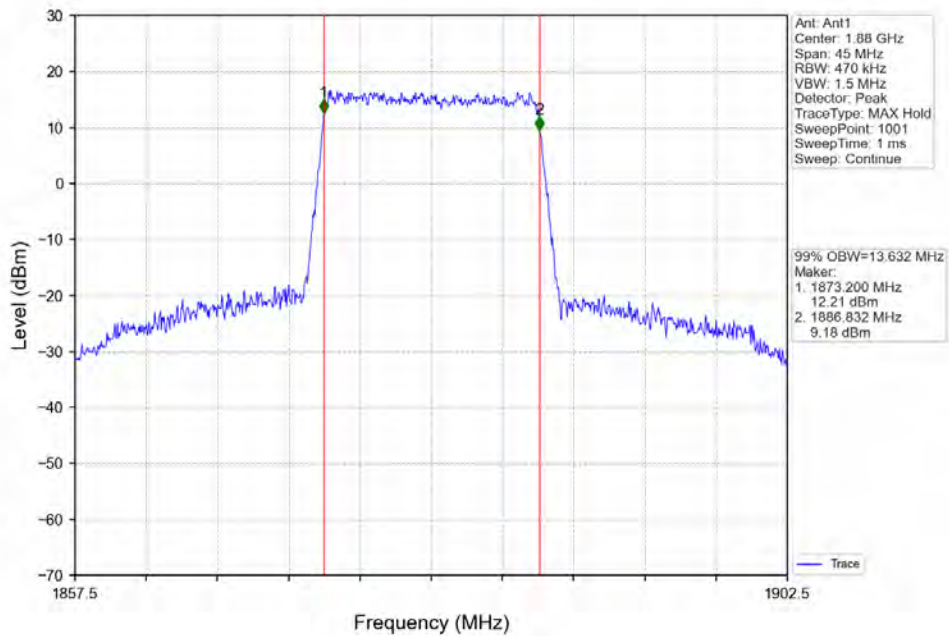
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



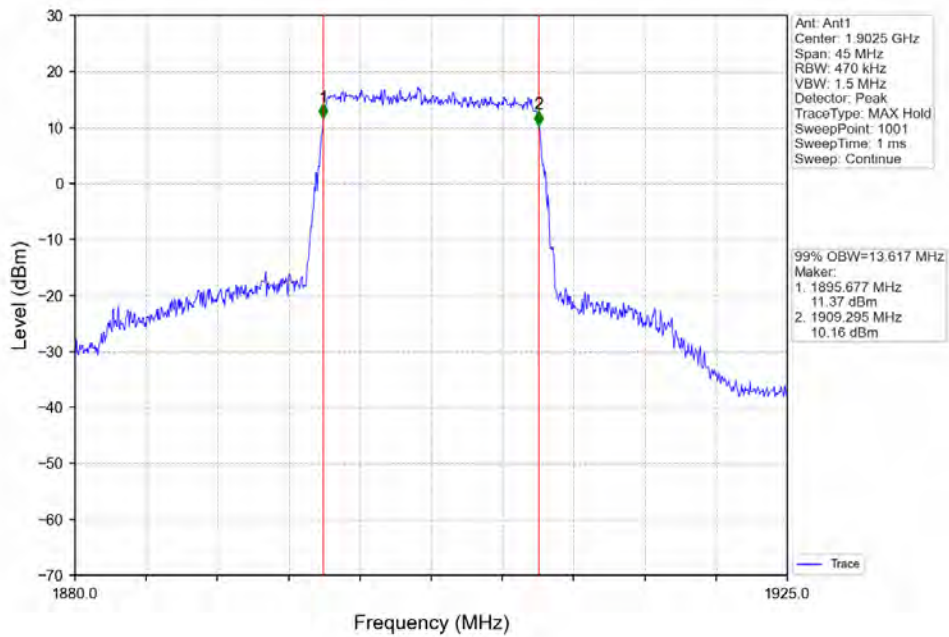




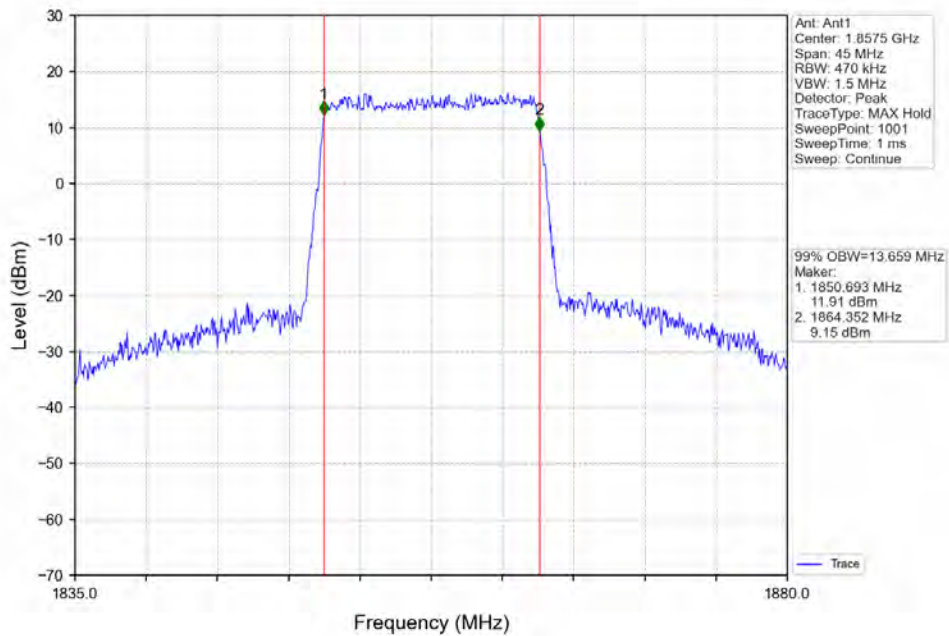
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

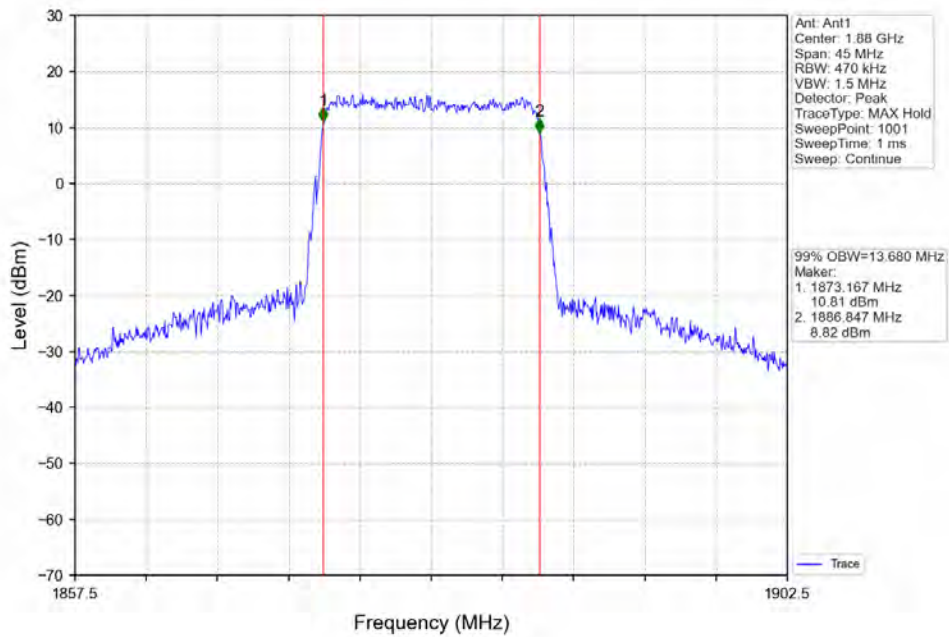




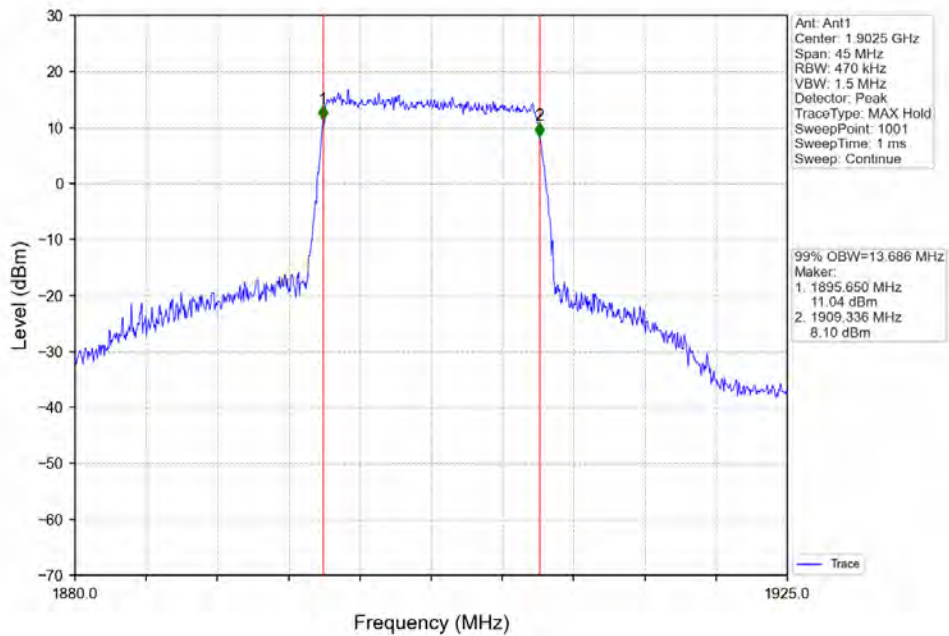
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

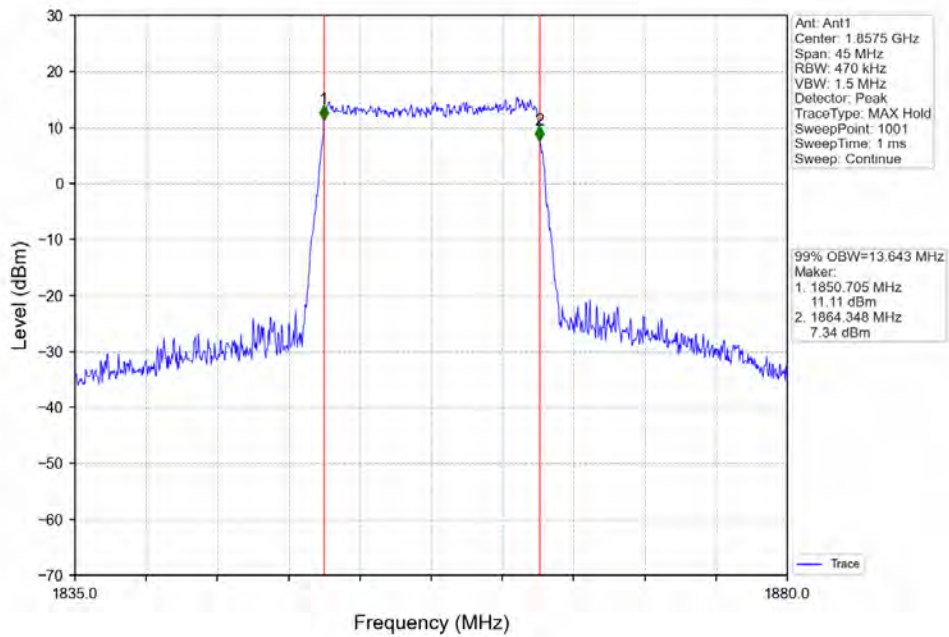




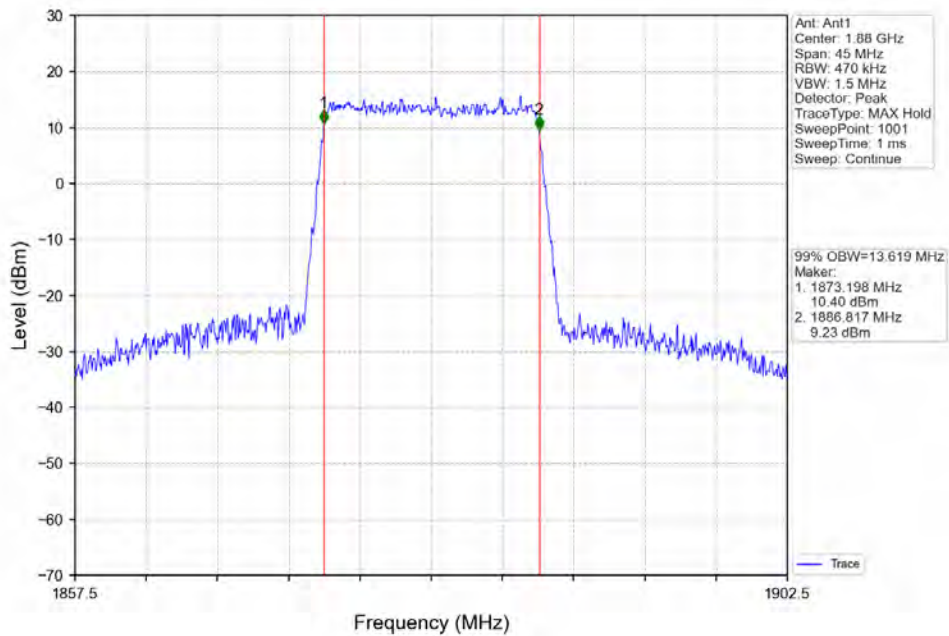
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV

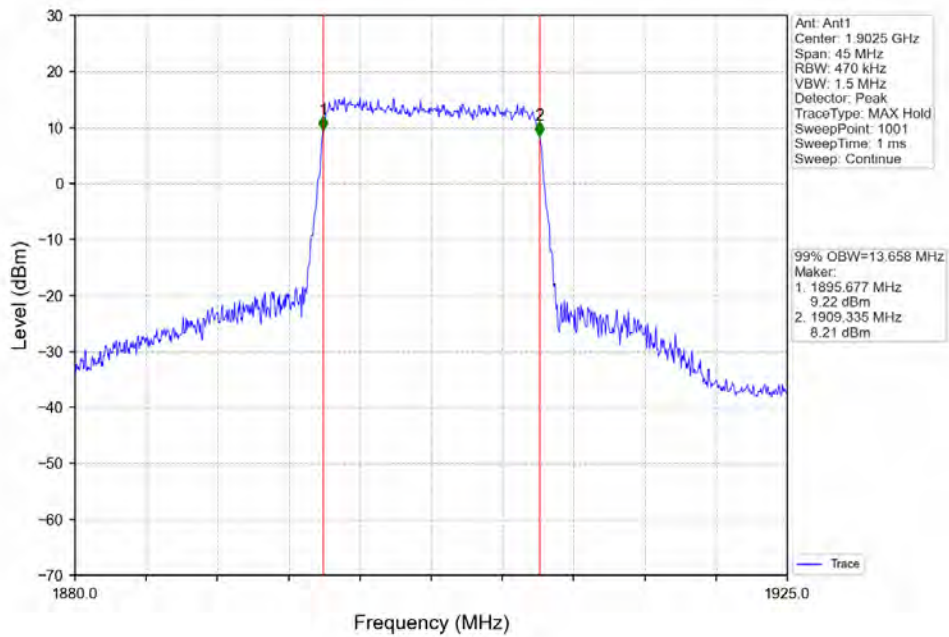




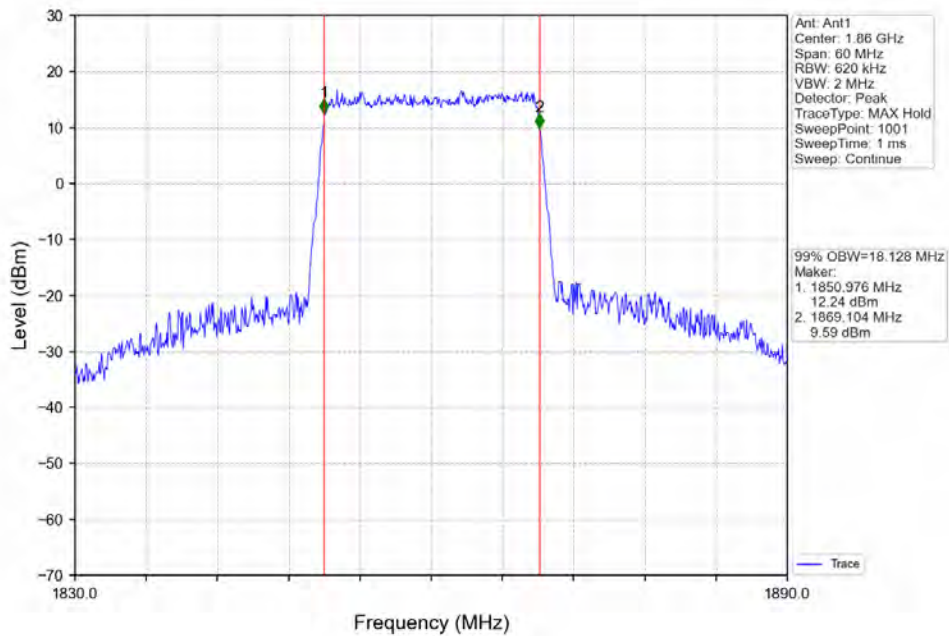
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



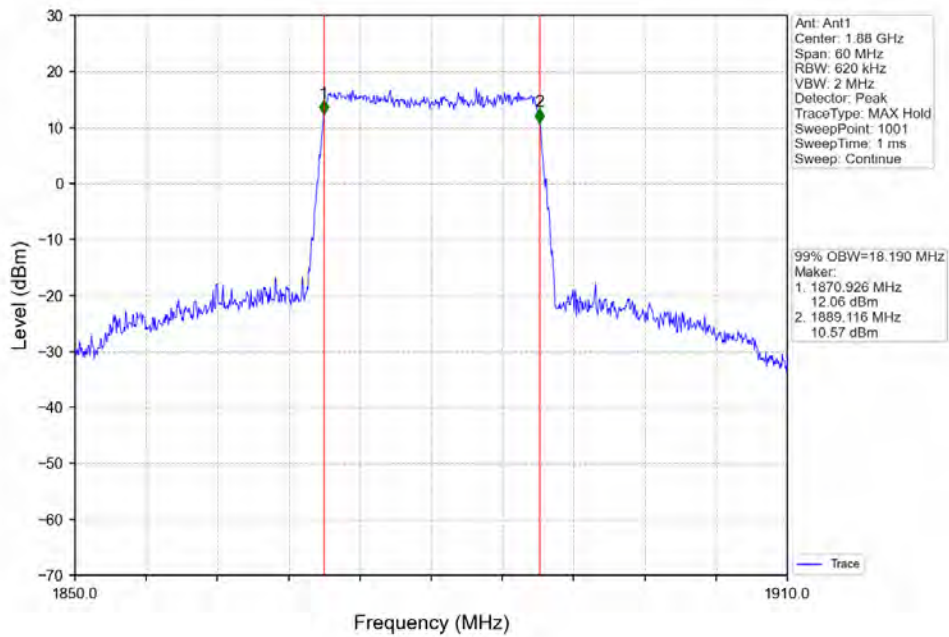




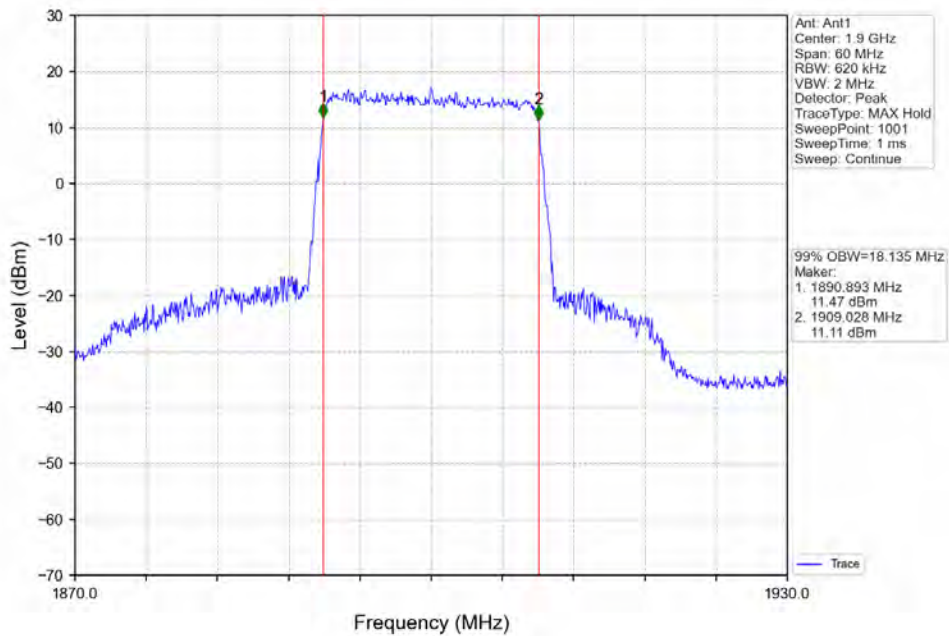
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

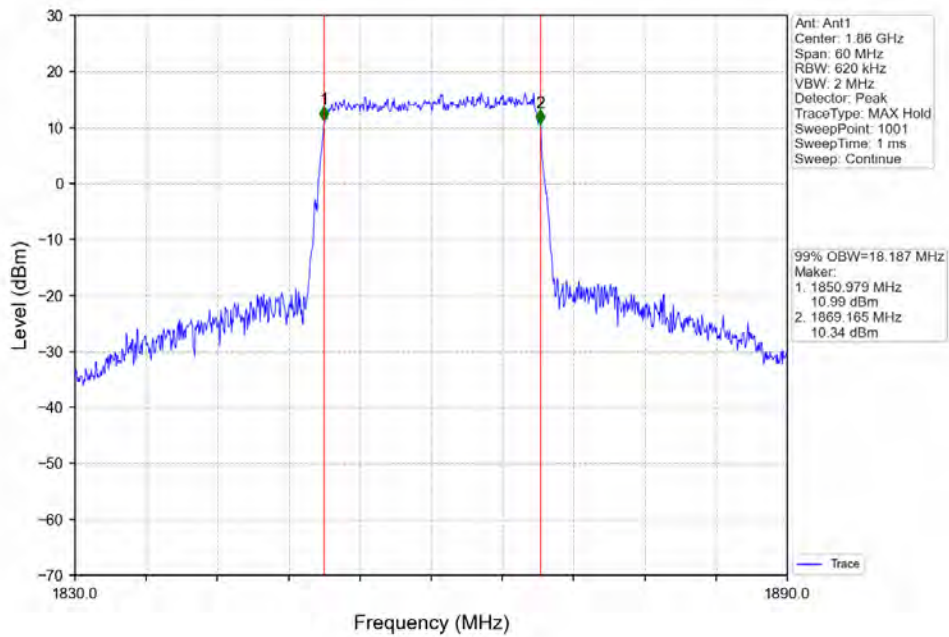




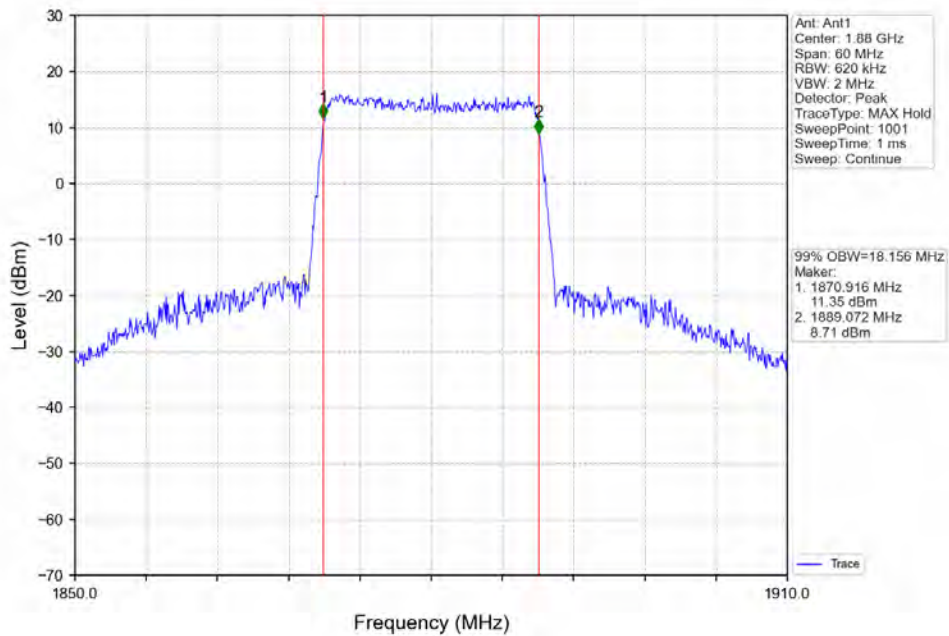
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



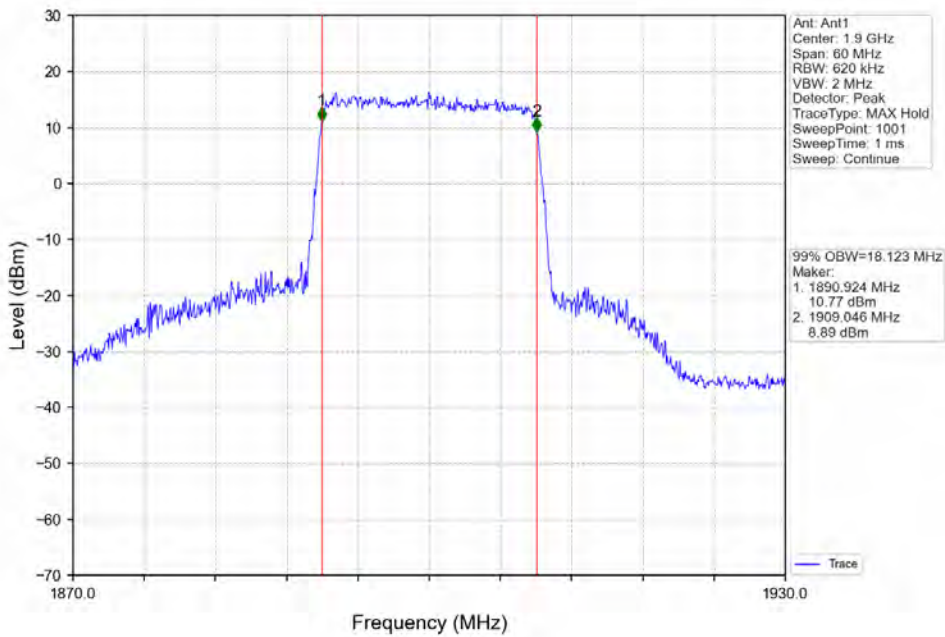




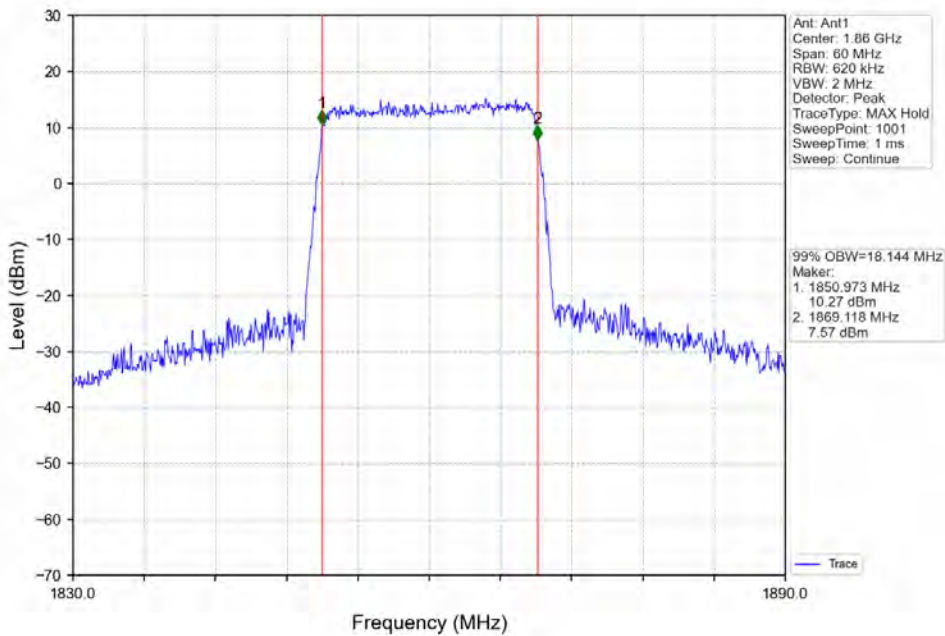
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

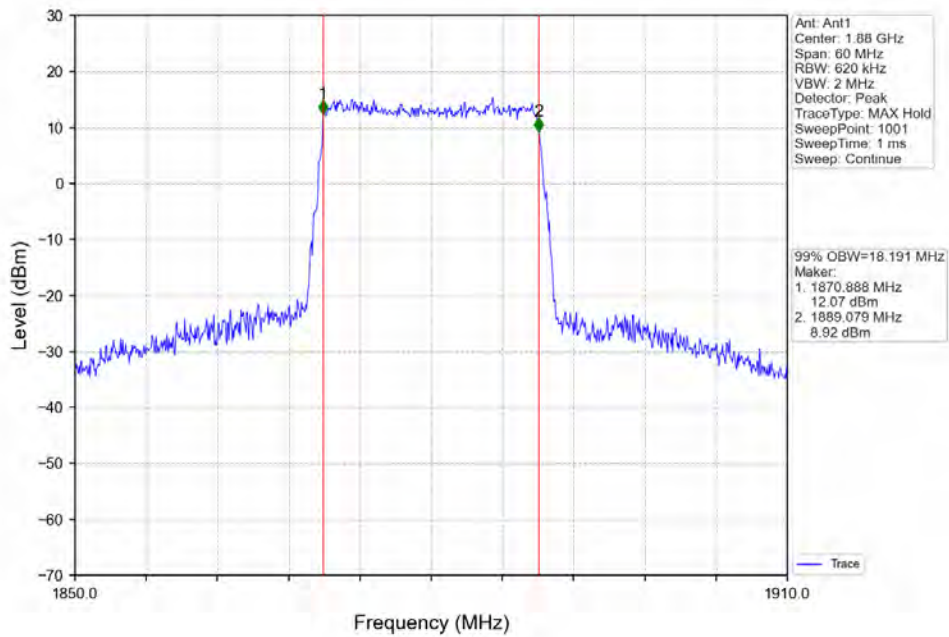




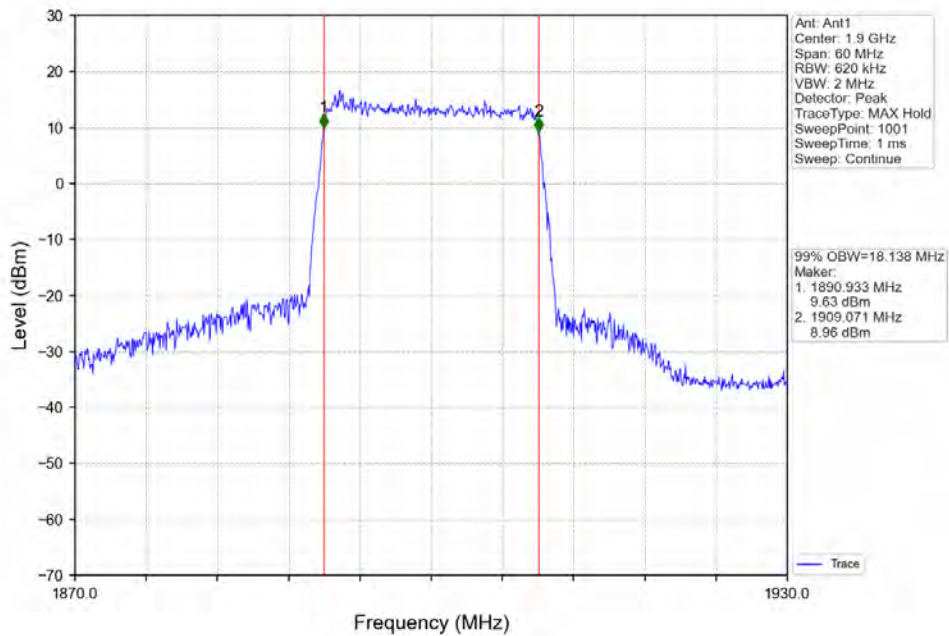
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV





**26DB\_OBW TEST RESULT**

Band: 2 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.281	Pass
		1880	6	0	1.269	Pass
		1909.3	6	0	1.271	Pass
	16QAM	1850.7	6	0	1.274	Pass
		1880	6	0	1.279	Pass
		1909.3	6	0	1.281	Pass
	64QAM	1850.7	6	0	1.277	Pass
		1880	6	0	1.269	Pass
		1909.3	6	0	1.268	Pass
3	QPSK	1851.5	15	0	3.099	Pass
		1880	15	0	3.092	Pass
		1908.5	15	0	3.092	Pass
	16QAM	1851.5	15	0	3.091	Pass
		1880	15	0	3.102	Pass
		1908.5	15	0	3.137	Pass
	64QAM	1851.5	15	0	3.087	Pass
		1880	15	0	3.103	Pass
		1908.5	15	0	3.117	Pass
5	QPSK	1852.5	25	0	5.047	Pass
		1880	25	0	5.059	Pass
		1907.5	25	0	5.058	Pass
	16QAM	1852.5	25	0	5.044	Pass
		1880	25	0	5.027	Pass
		1907.5	25	0	5.080	Pass
	64QAM	1852.5	25	0	5.048	Pass
		1880	25	0	5.052	Pass
		1907.5	25	0	5.051	Pass
10	QPSK	1855	50	0	10.046	Pass
		1880	50	0	10.063	Pass
		1905	50	0	10.034	Pass
	16QAM	1855	50	0	10.055	Pass
		1880	50	0	10.012	Pass
		1905	50	0	10.048	Pass
	64QAM	1855	50	0	9.978	Pass
		1880	50	0	9.978	Pass
		1905	50	0	10.032	Pass
15	QPSK	1857.5	75	0	15.244	Pass
		1880	75	0	15.151	Pass
		1902.5	75	0	15.113	Pass
	16QAM	1857.5	75	0	15.139	Pass
		1880	75	0	15.377	Pass
		1902.5	75	0	15.069	Pass
	64QAM	1857.5	75	0	15.219	Pass
		1880	75	0	15.203	Pass
		1902.5	75	0	15.131	Pass
20	QPSK	1860	100	0	19.980	Pass
		1880	100	0	19.919	Pass
		1900	100	0	19.972	Pass
	16QAM	1860	100	0	19.945	Pass
		1880	100	0	20.013	Pass
		1900	100	0	19.876	Pass
	64QAM	1860	100	0	19.990	Pass
		1880	100	0	20.132	Pass



**BUREAU**  
**VERITAS**

**Test Report No.: W7L-P22090015-4RF05**

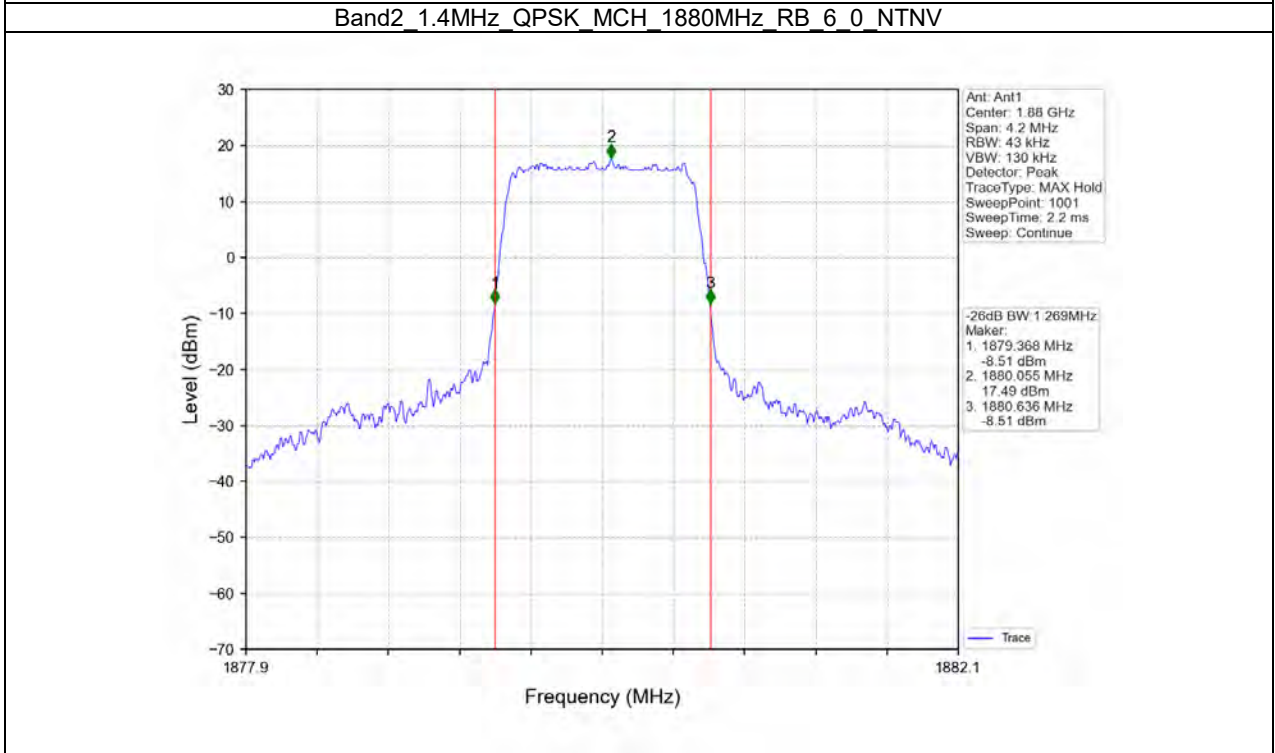
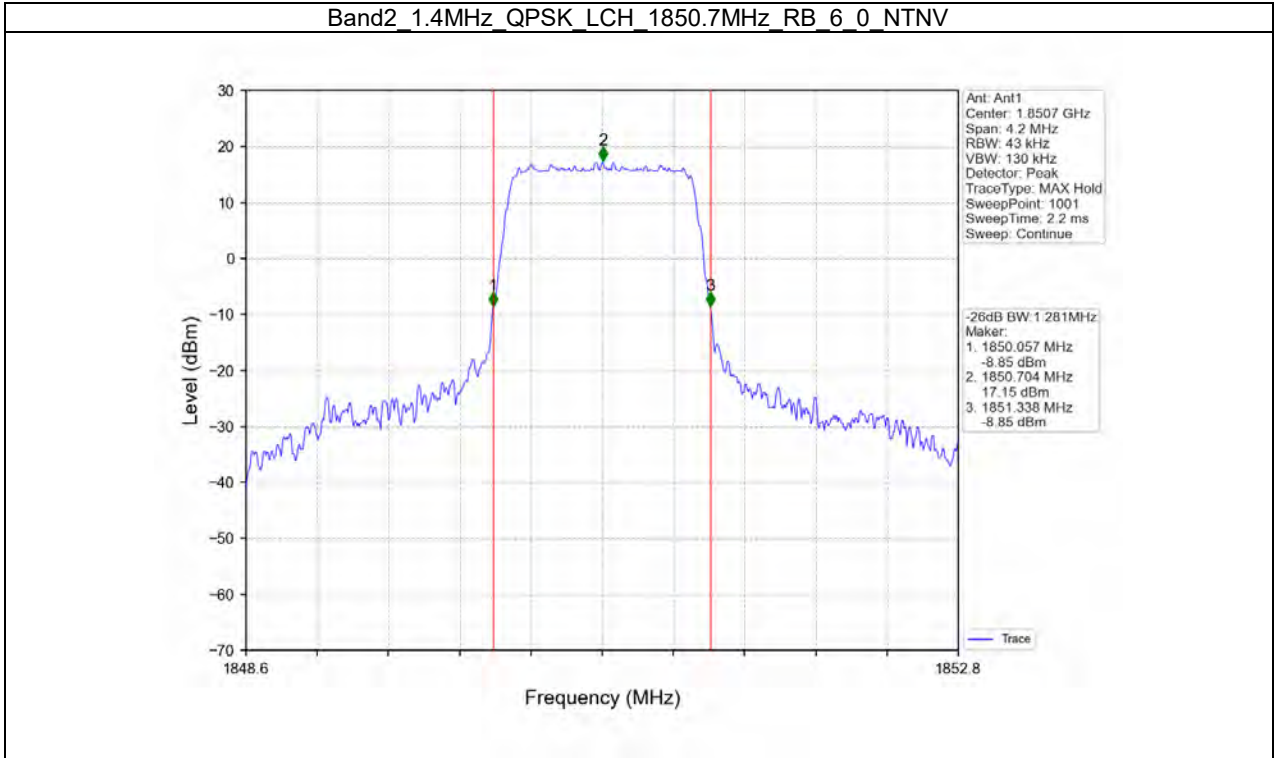
		1900	100	0	19.992	Pass
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BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

### TEST GRAPH

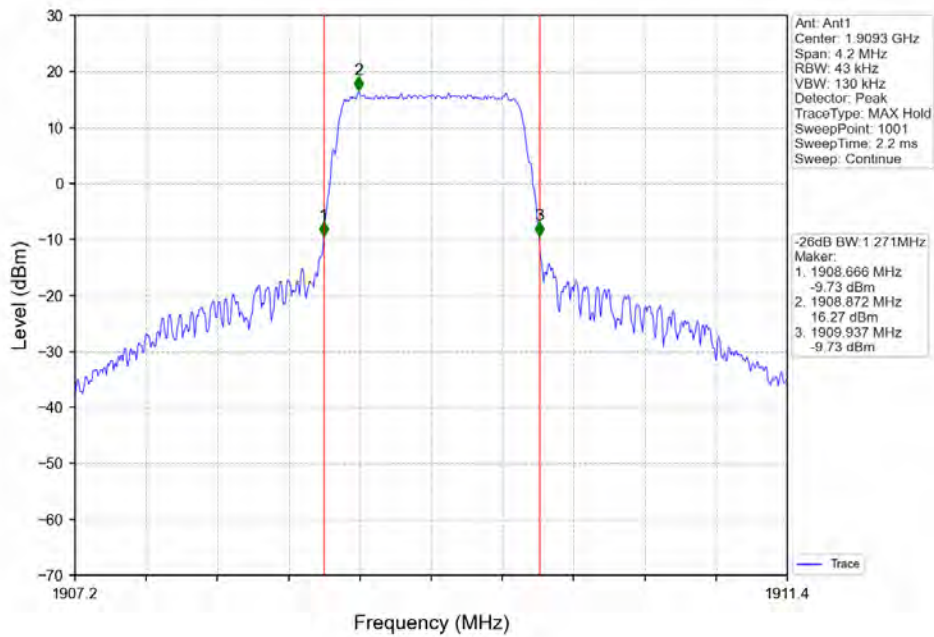




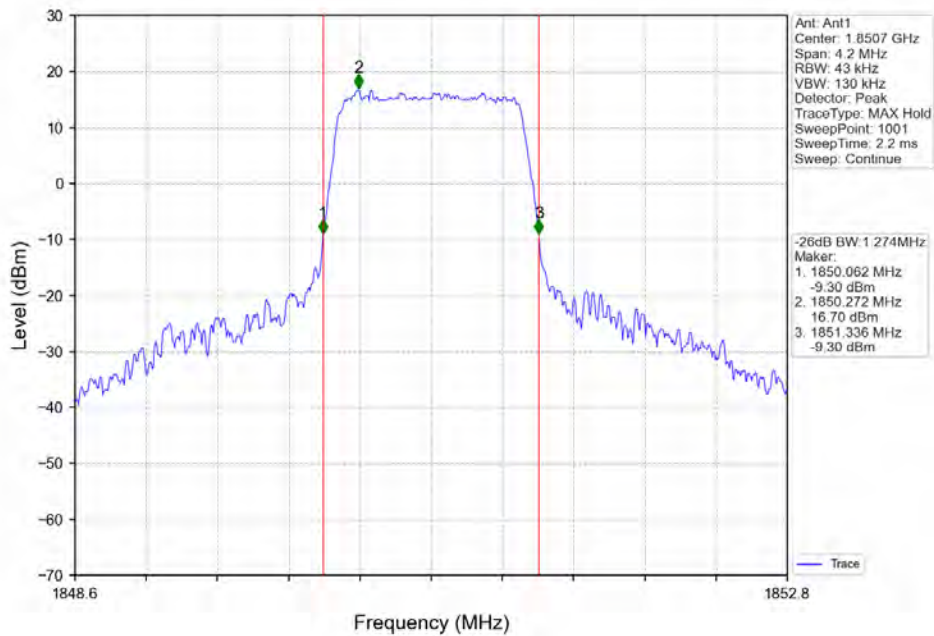
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



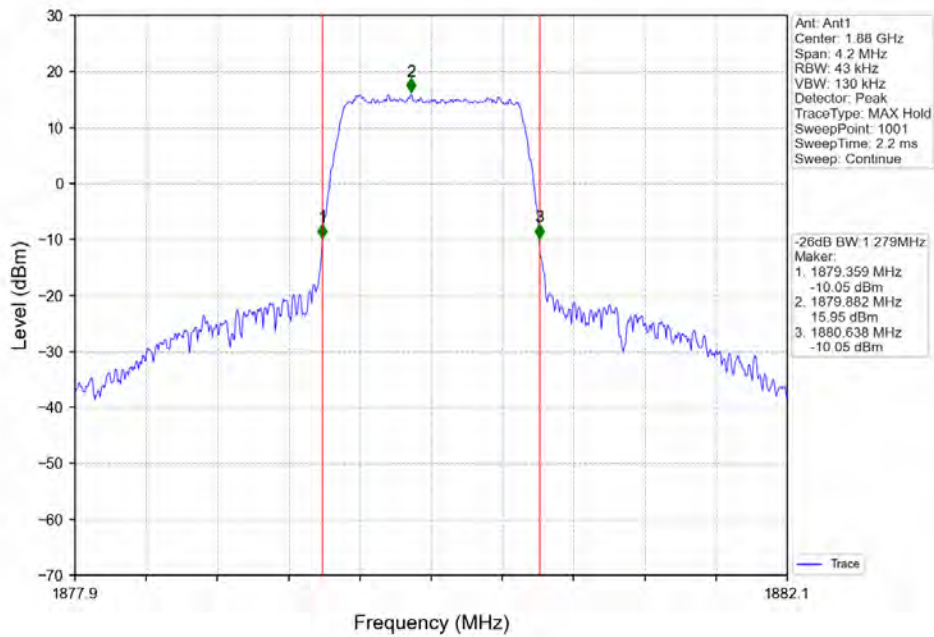




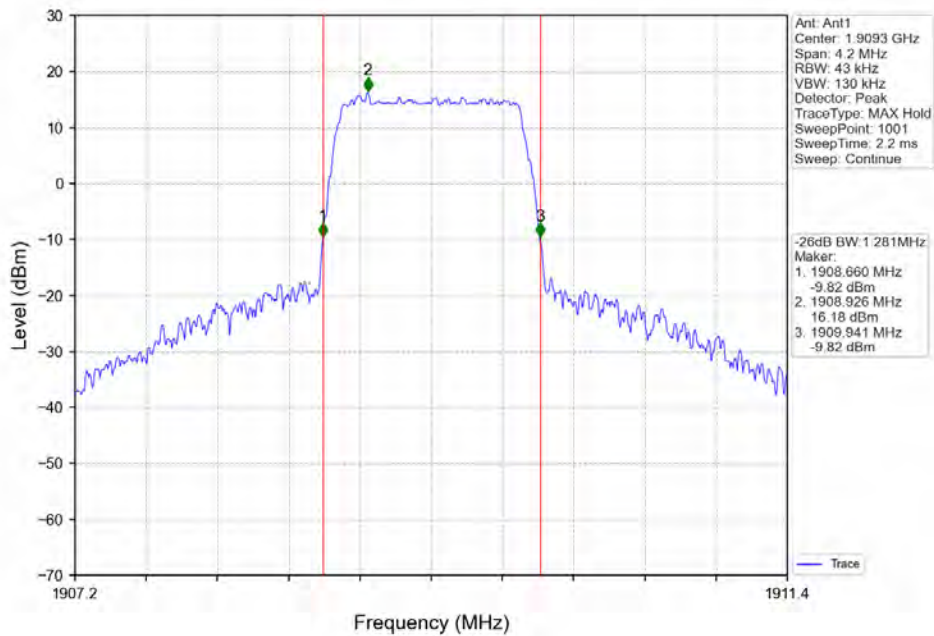
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV

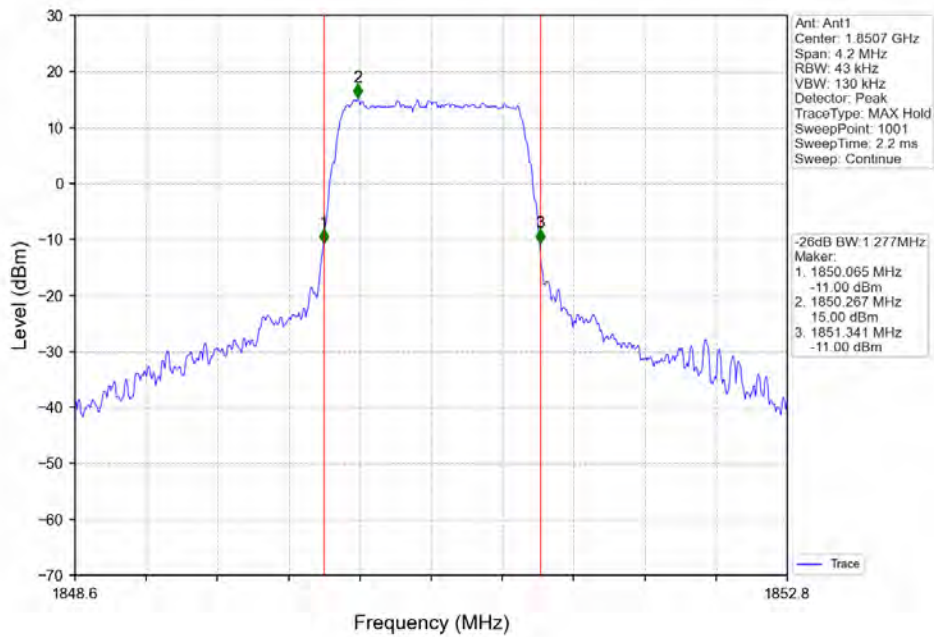




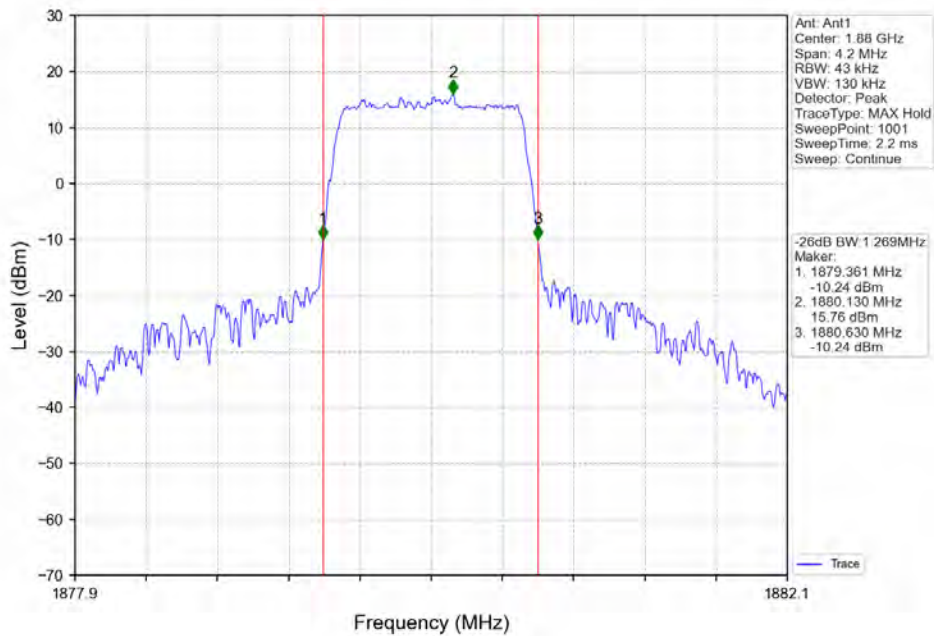
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV

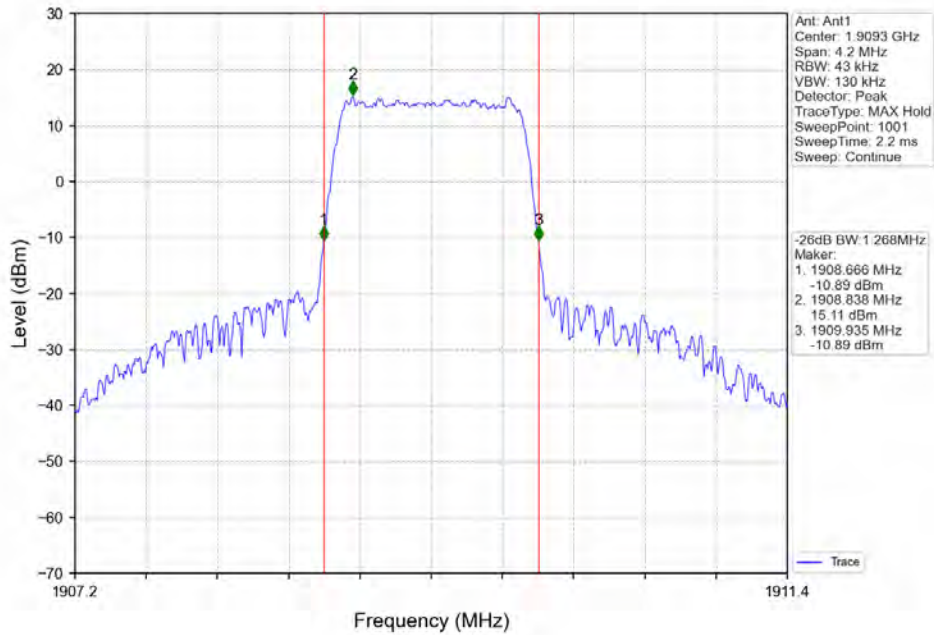




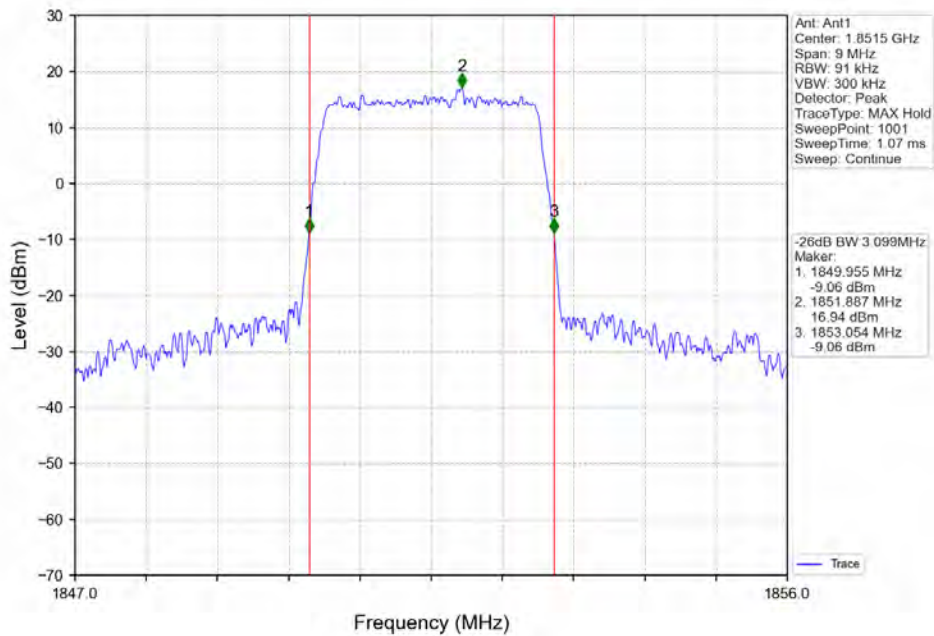
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_1.4MHz\_64QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



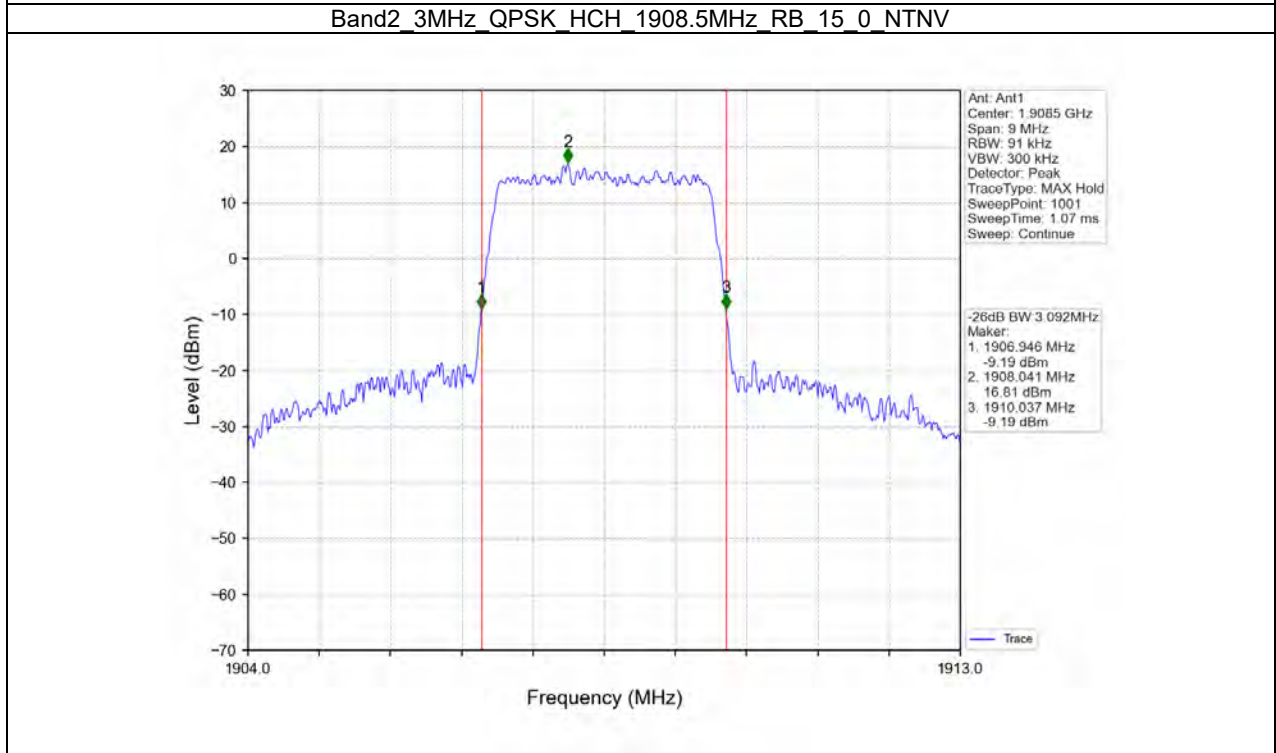
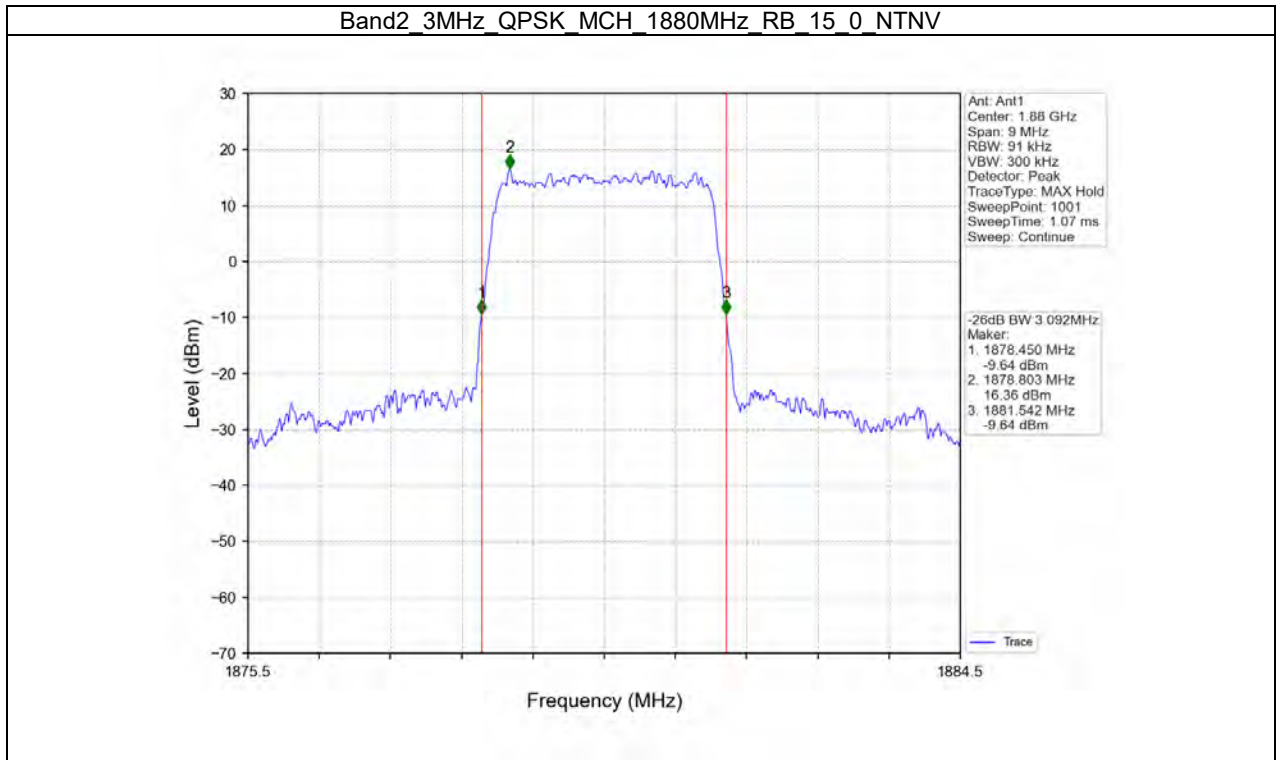
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05



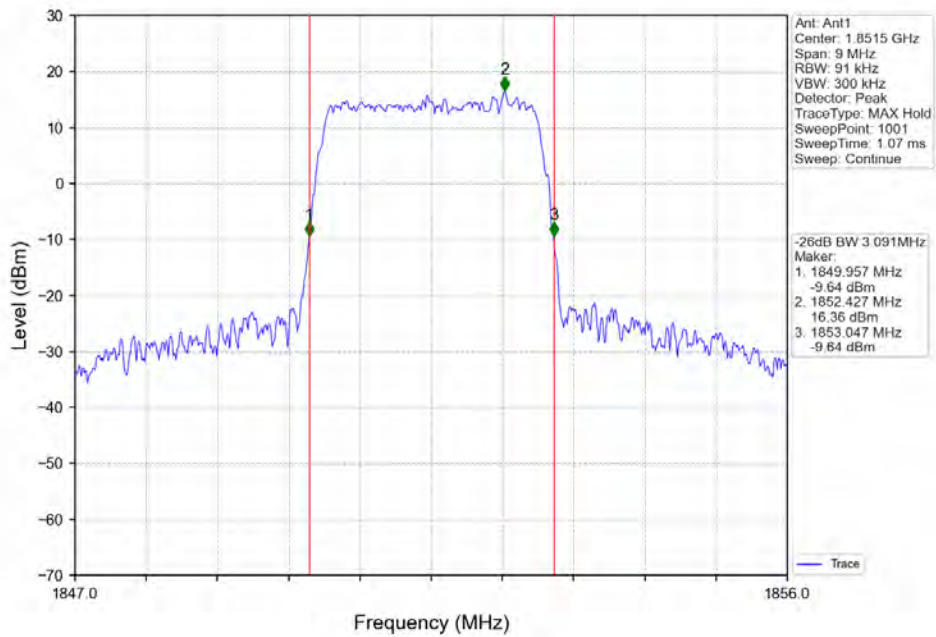




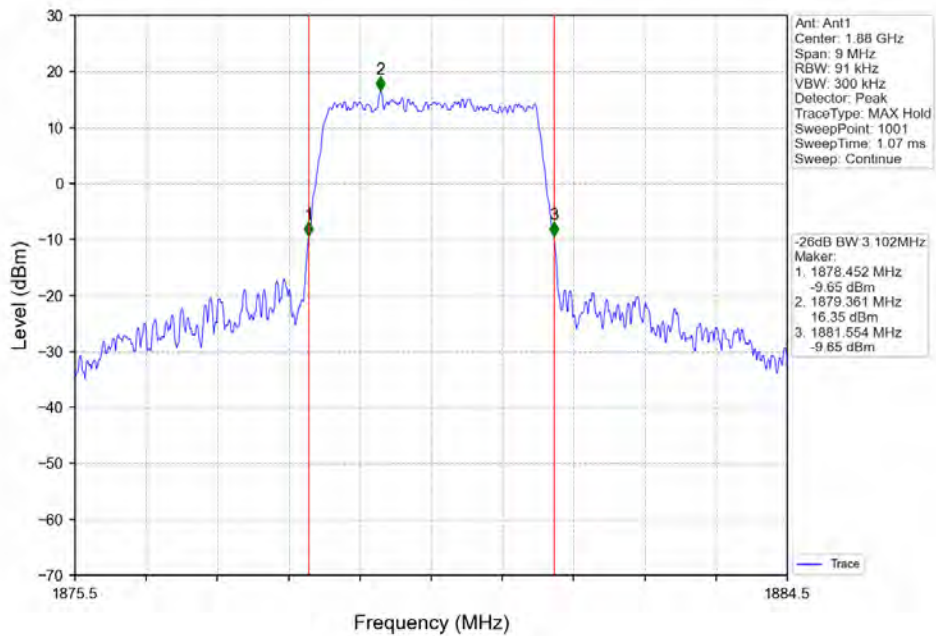
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV

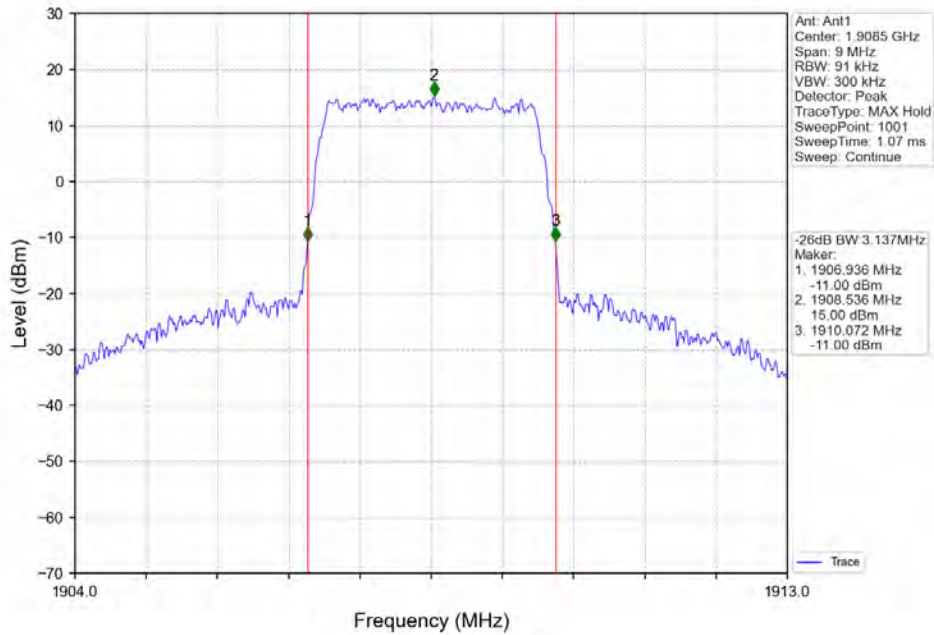




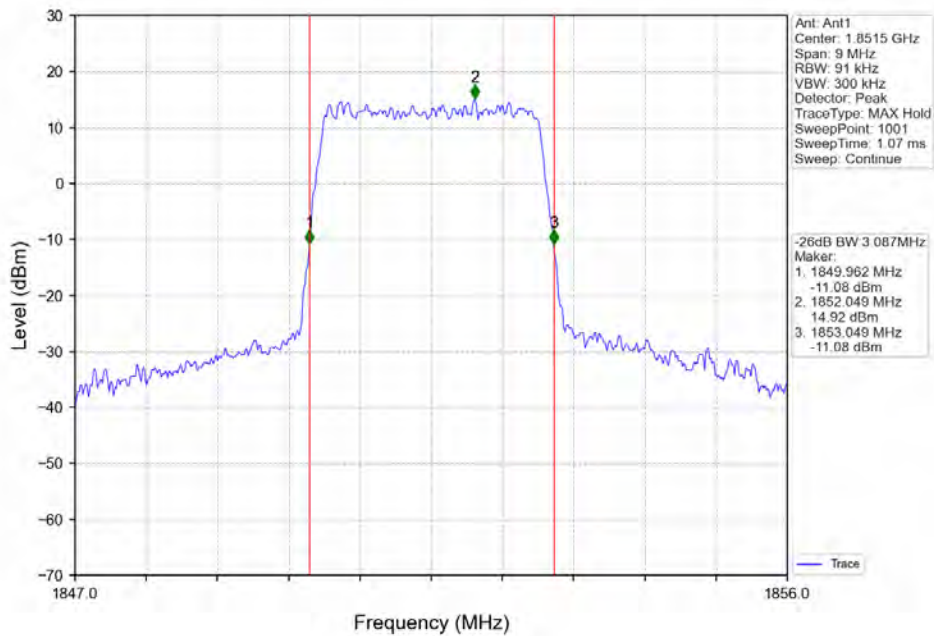
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_64QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

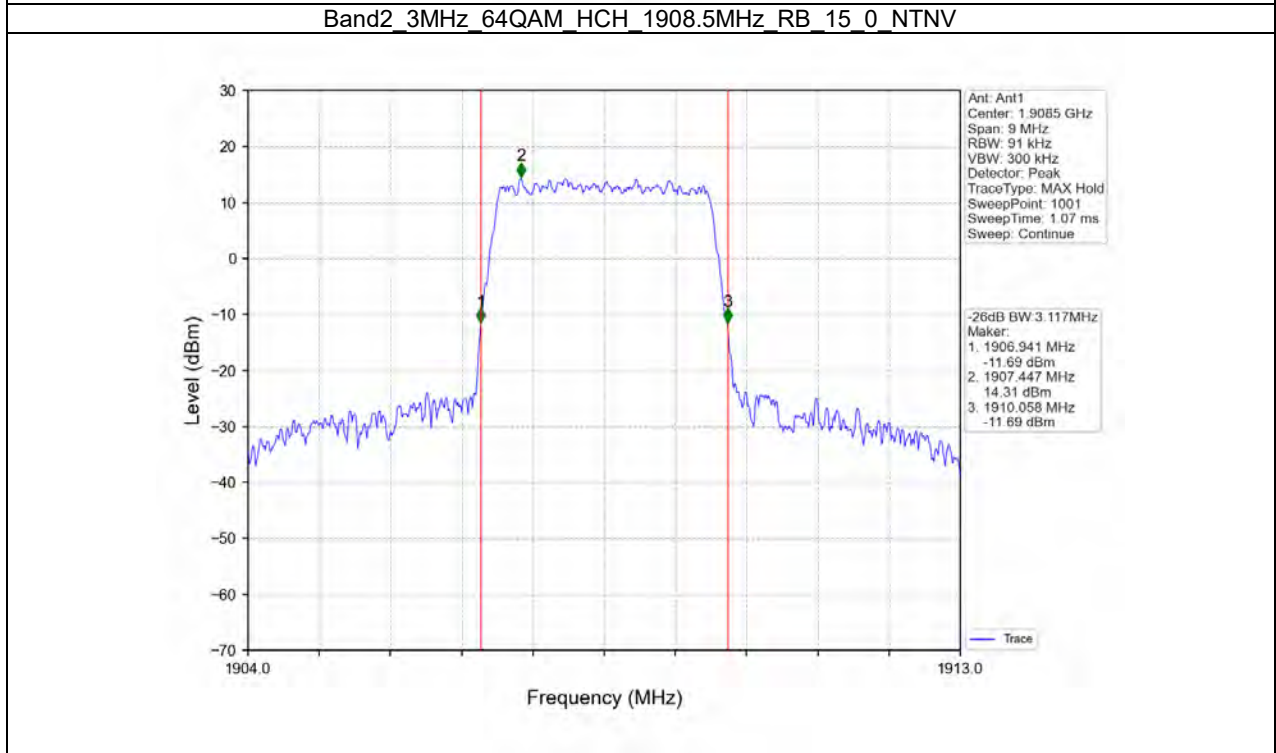
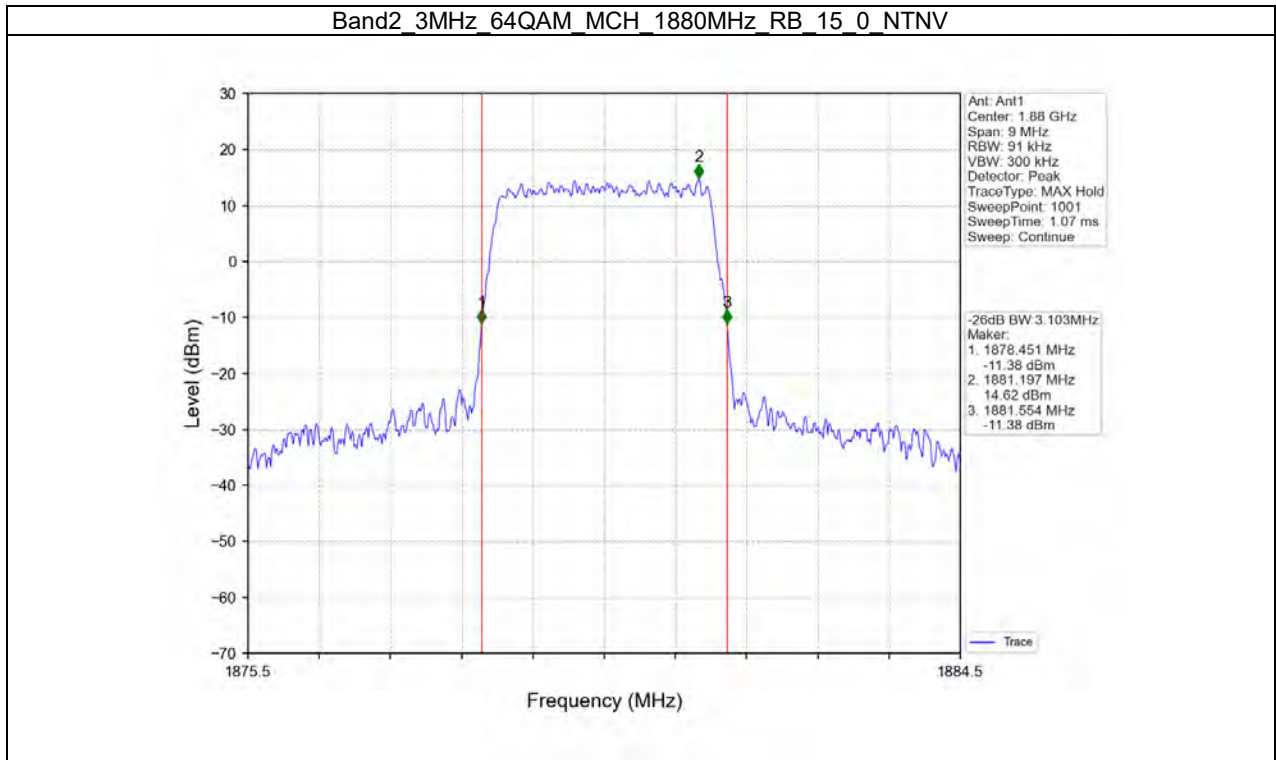






BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

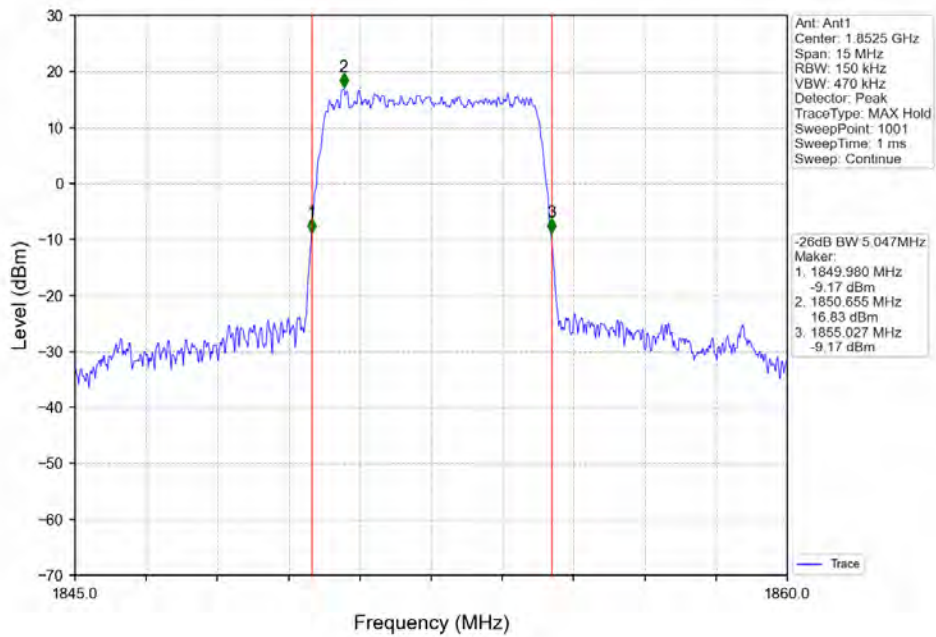




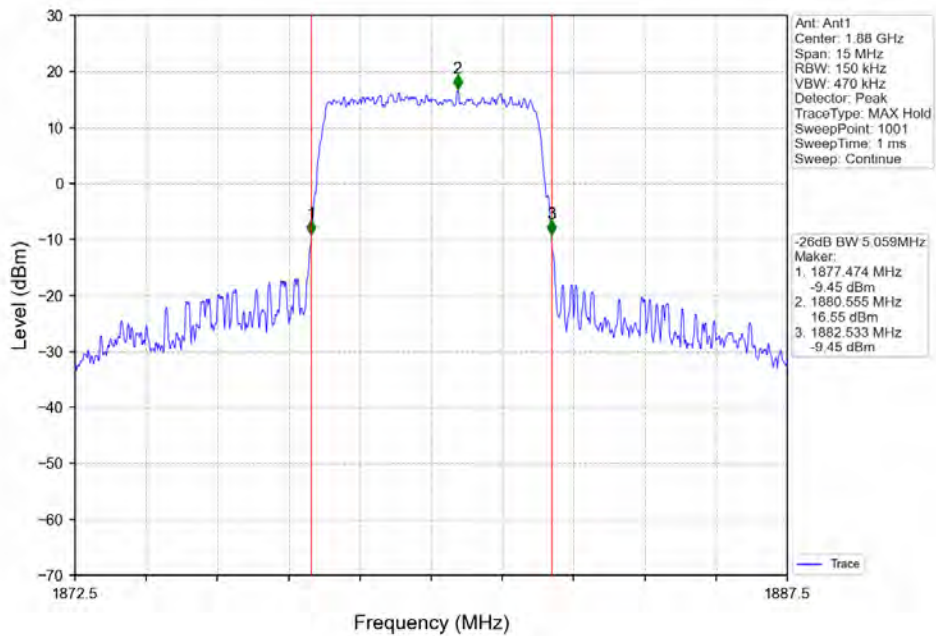
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV

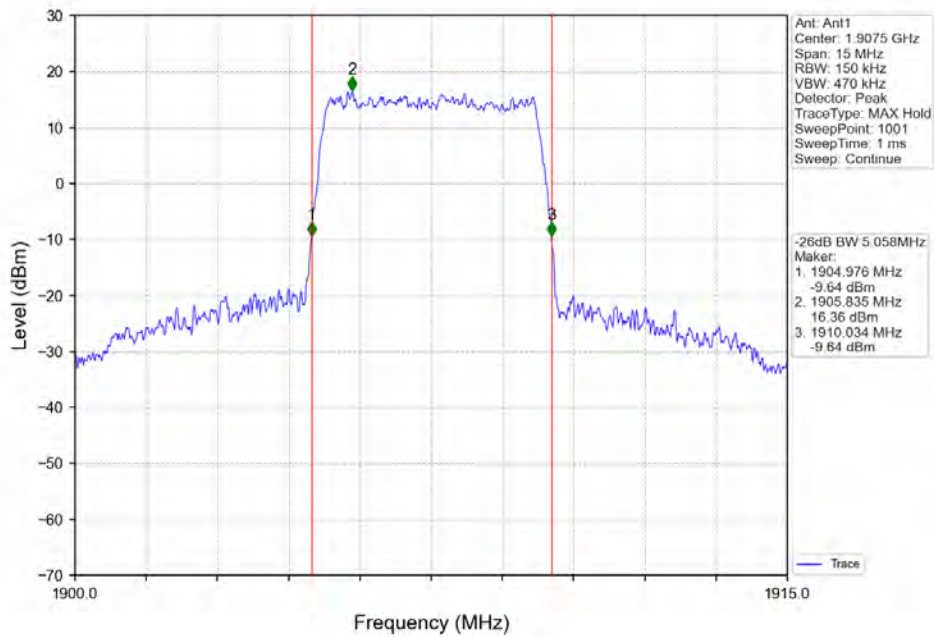




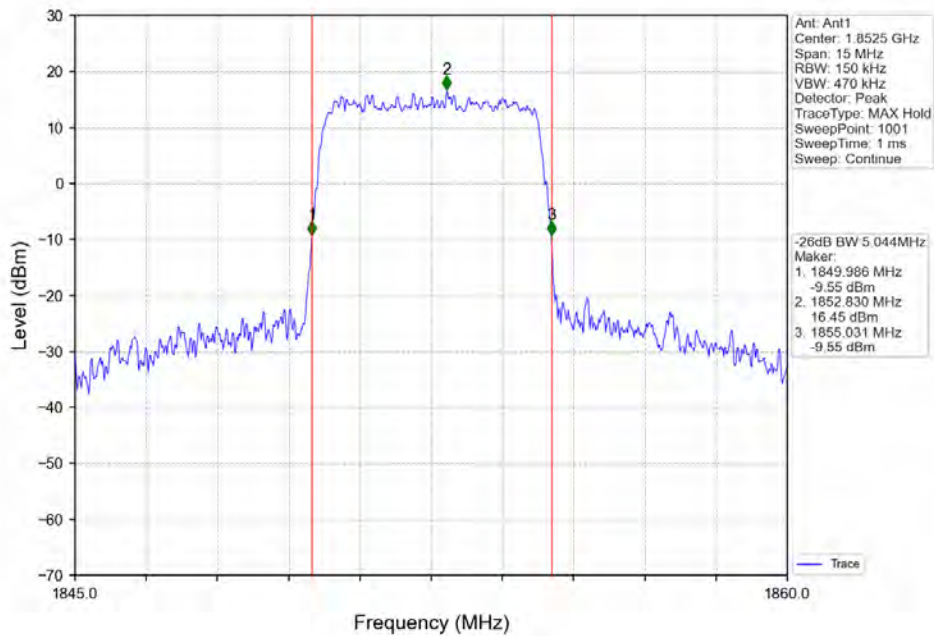
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



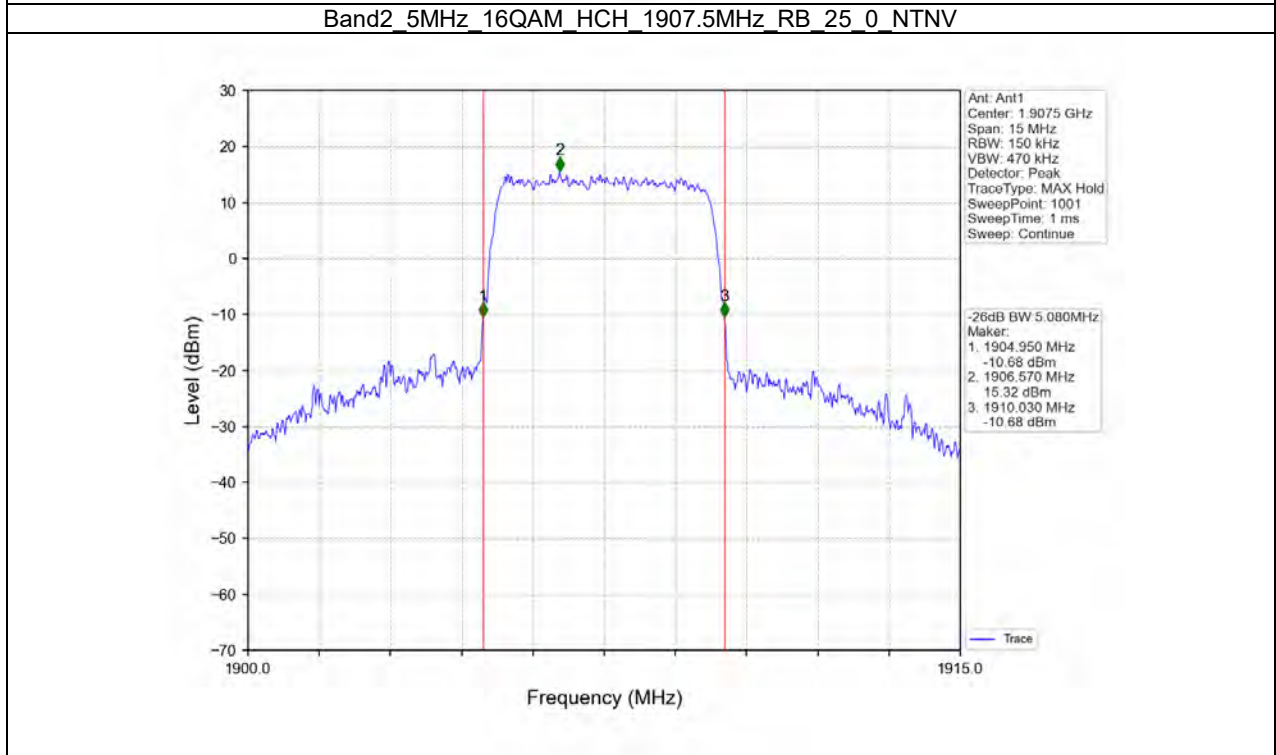
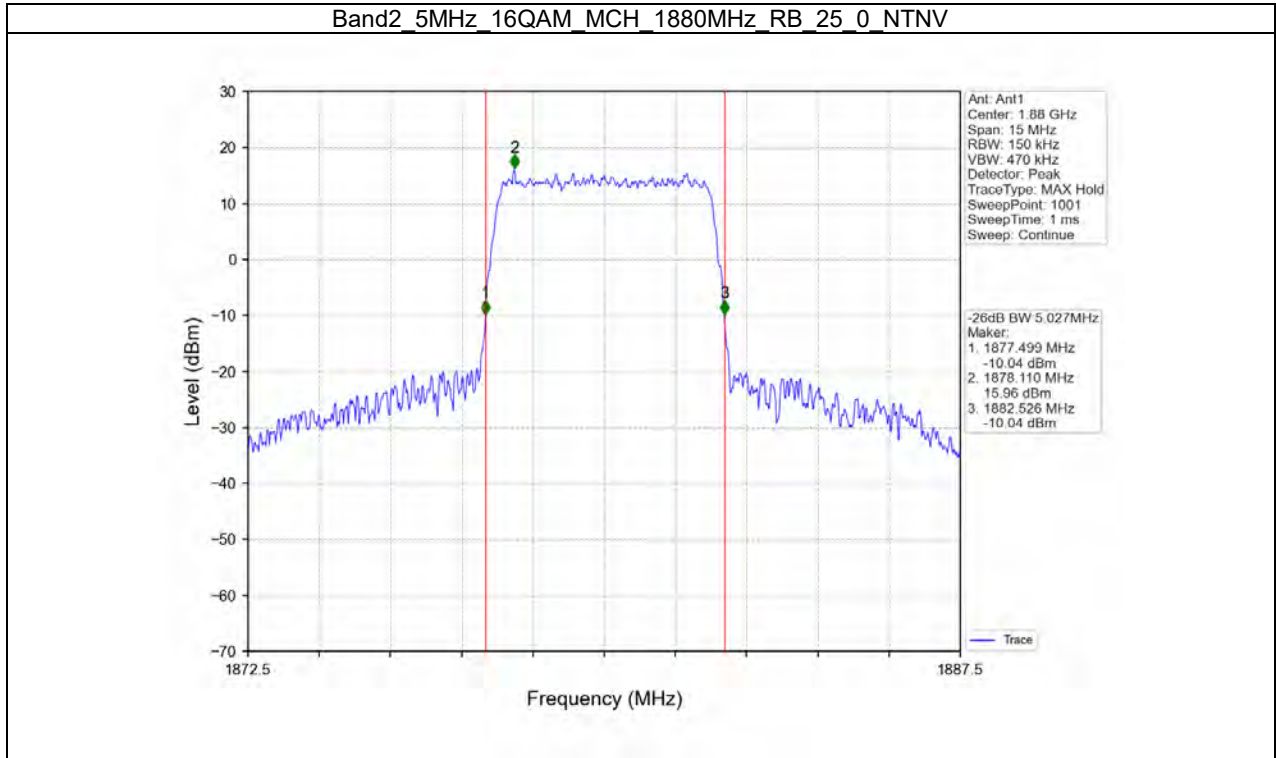
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05



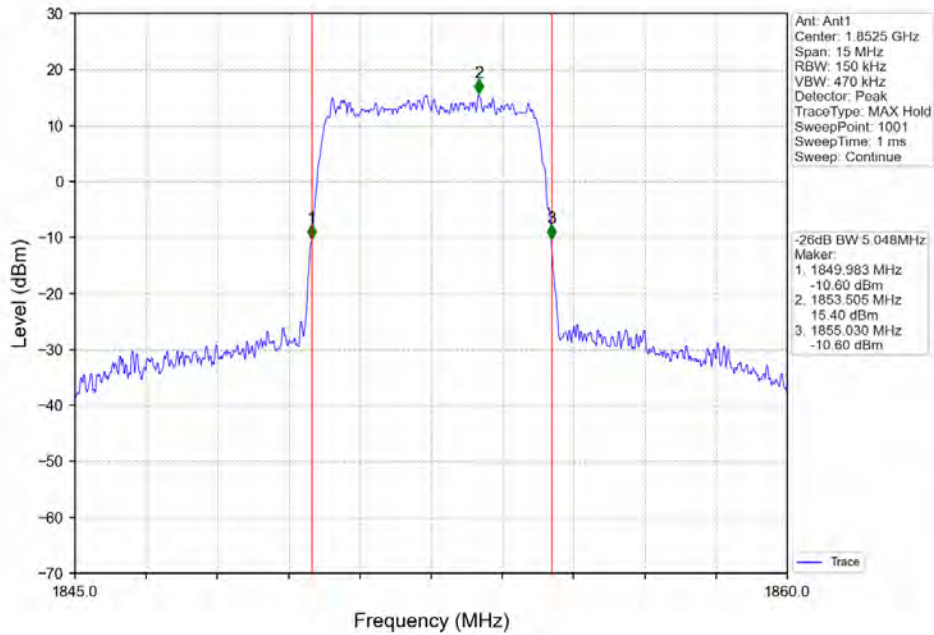




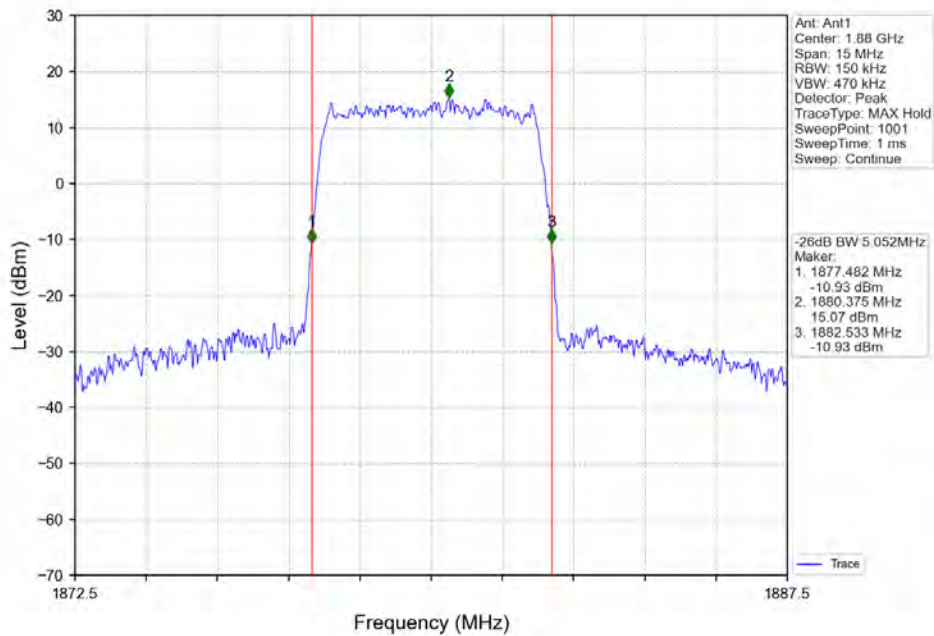
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_64QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_64QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV

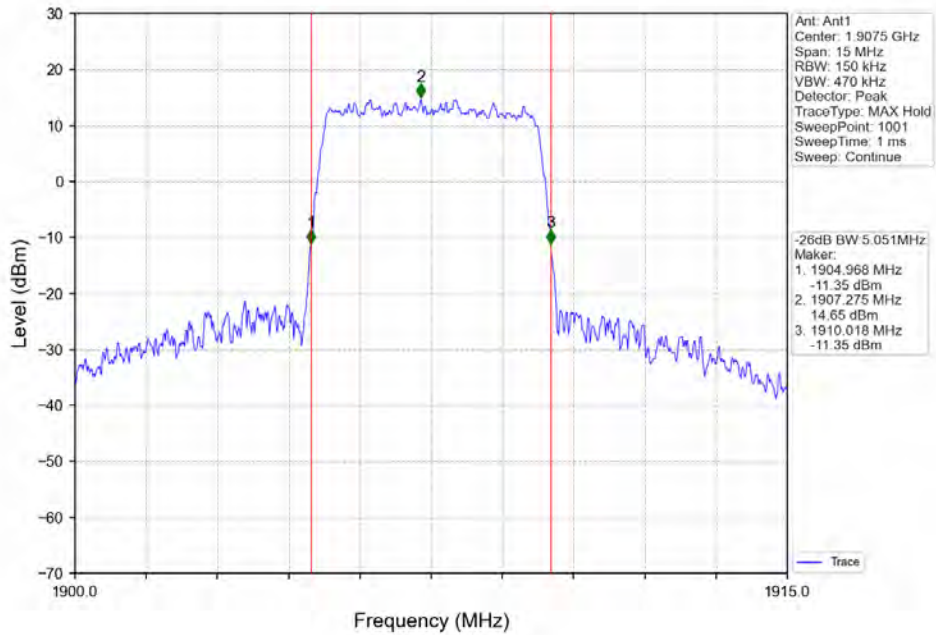




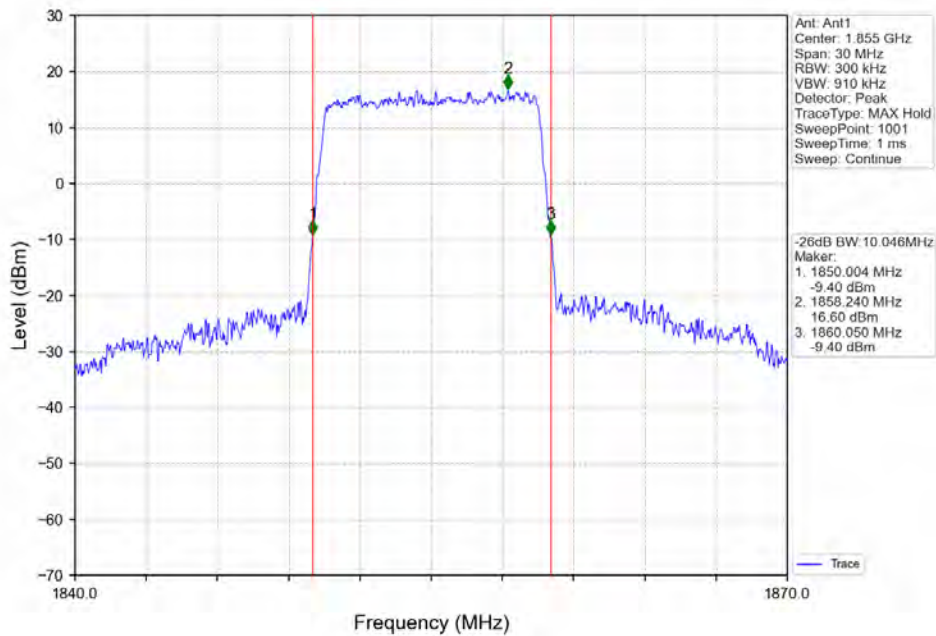
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_5MHz\_64QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



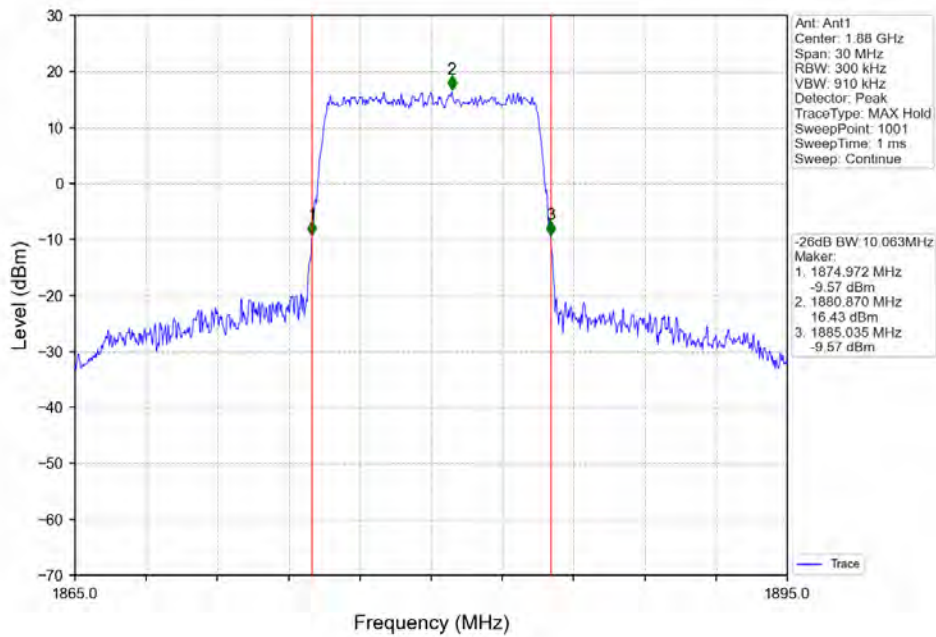




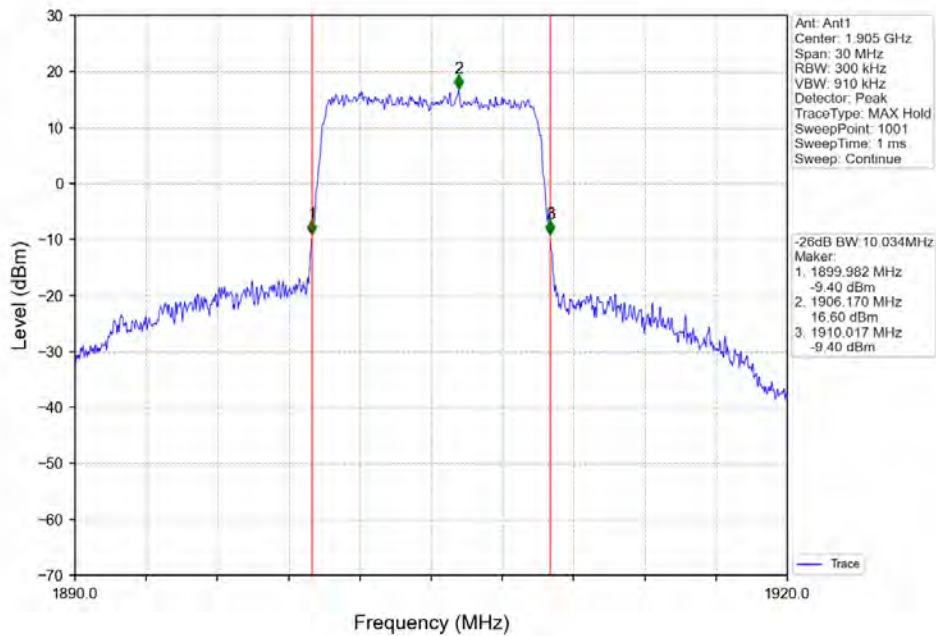
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV

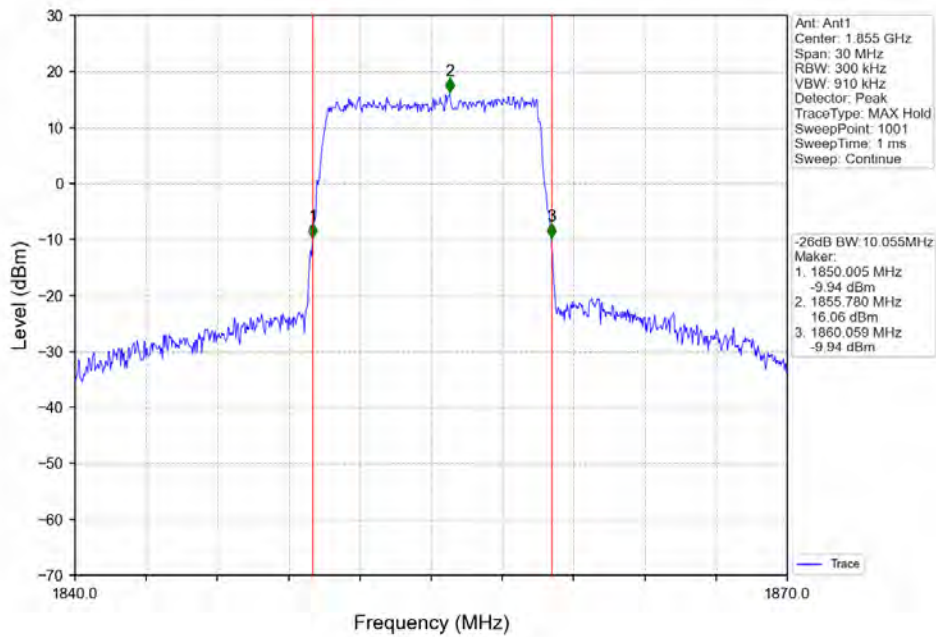




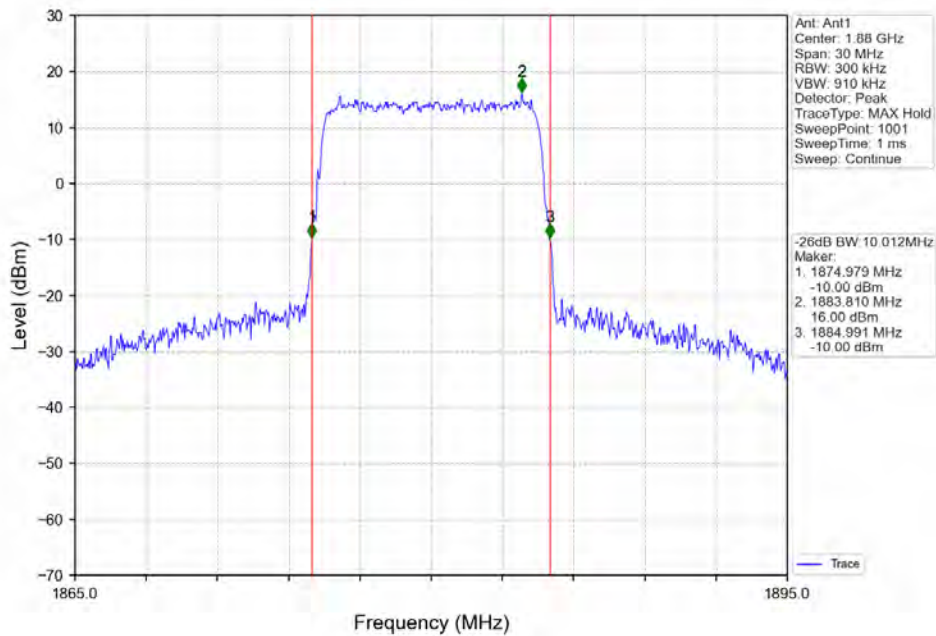
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV

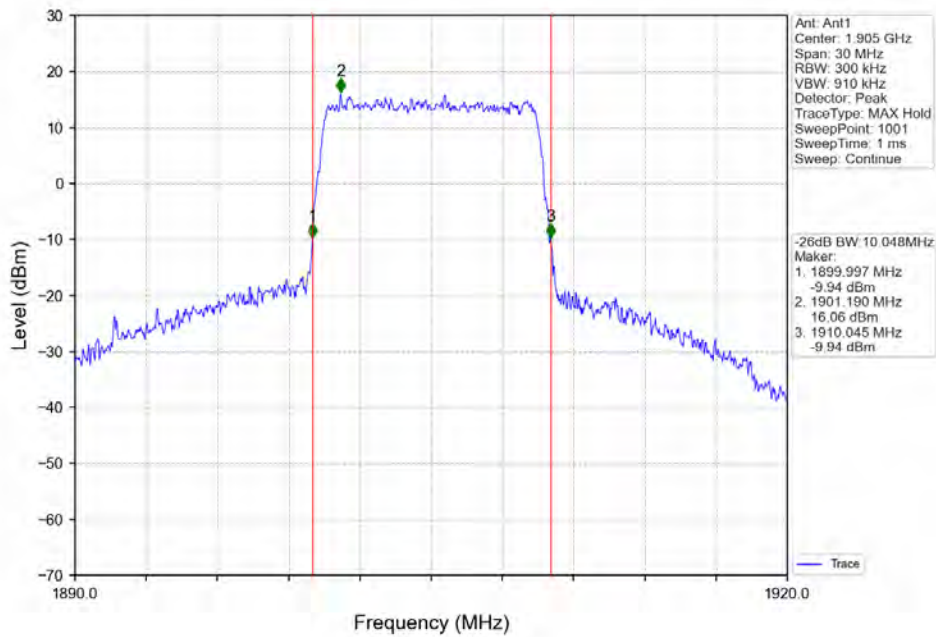




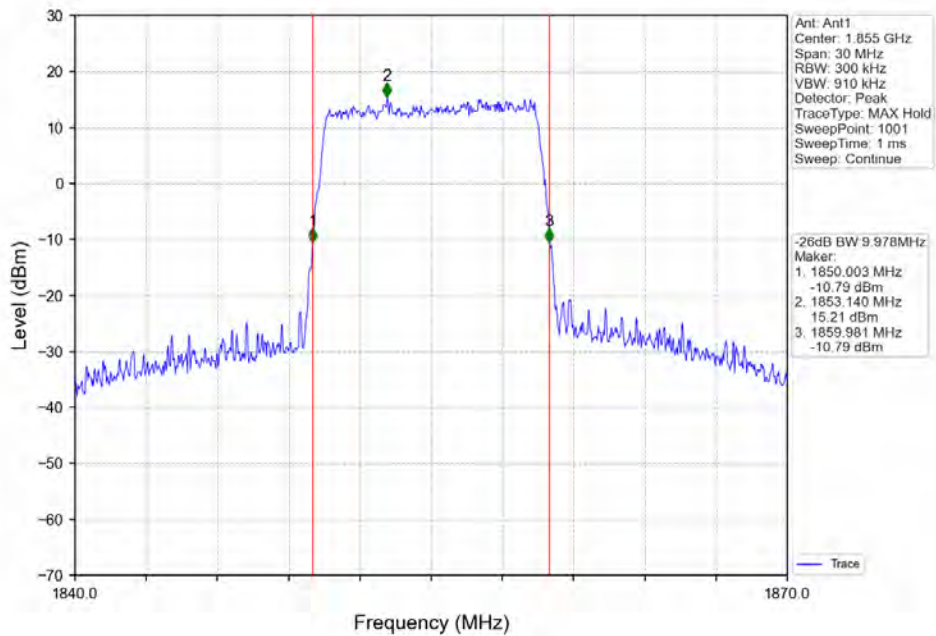
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

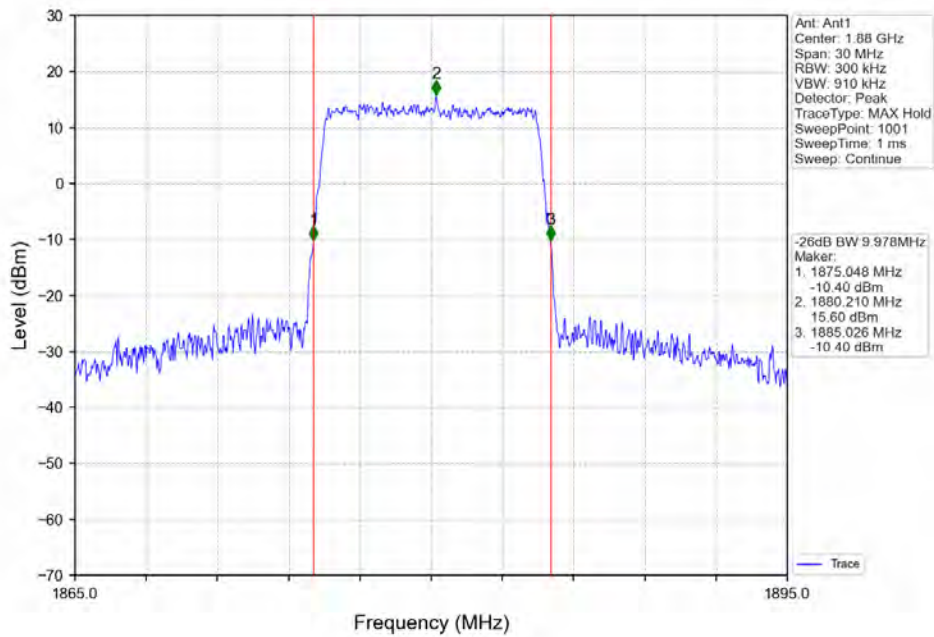




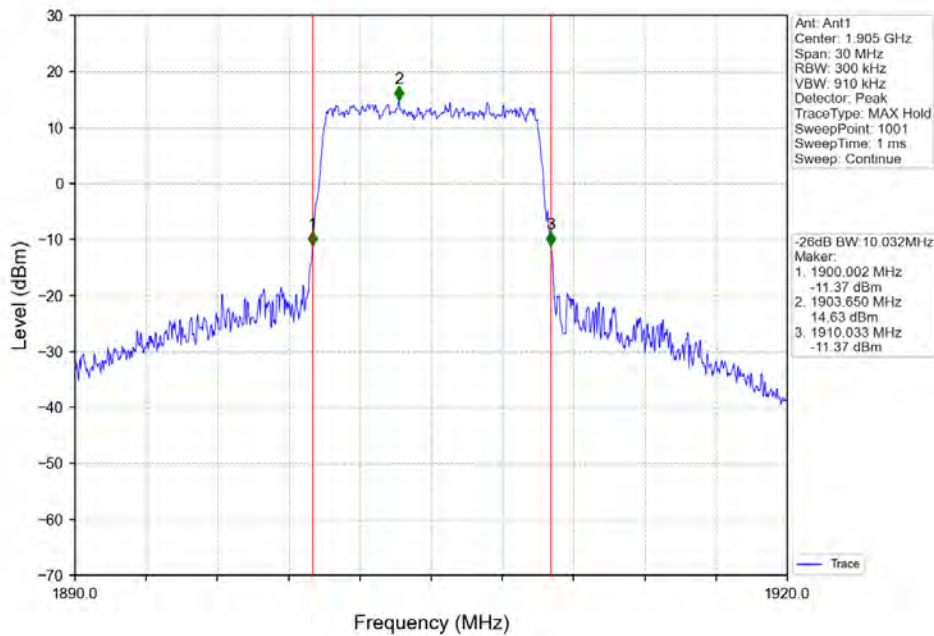
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_10MHz\_64QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_64QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



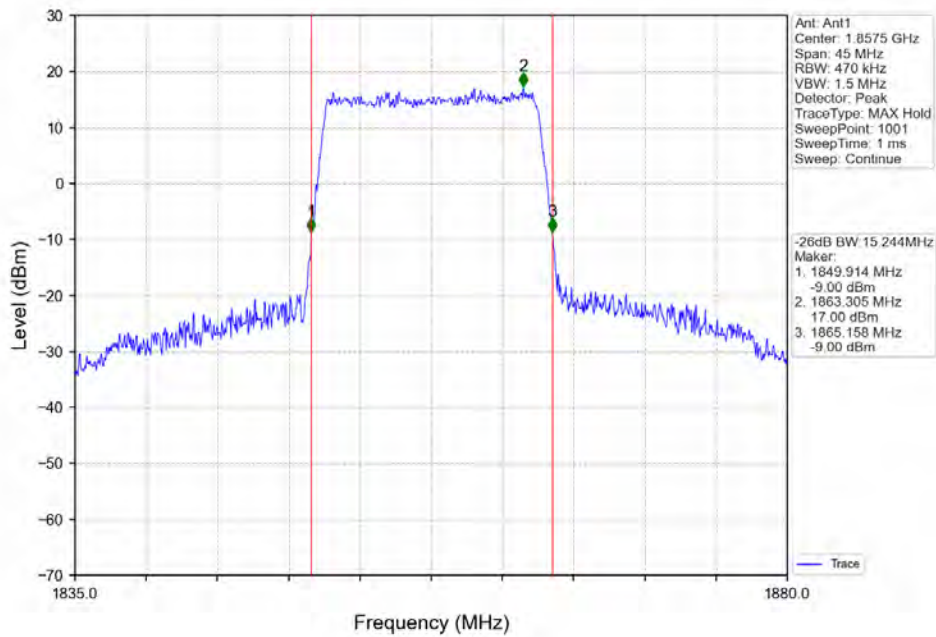




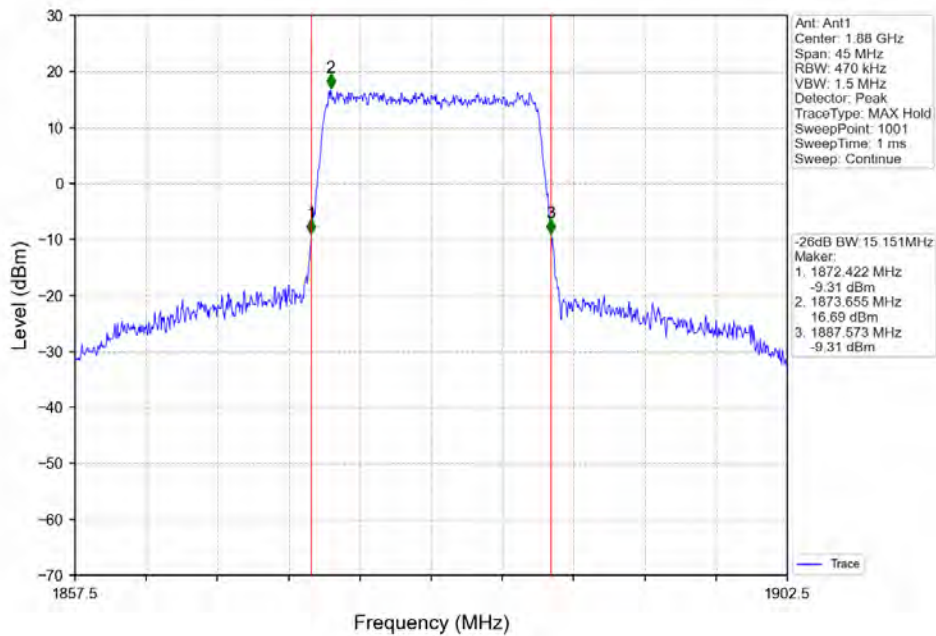
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV

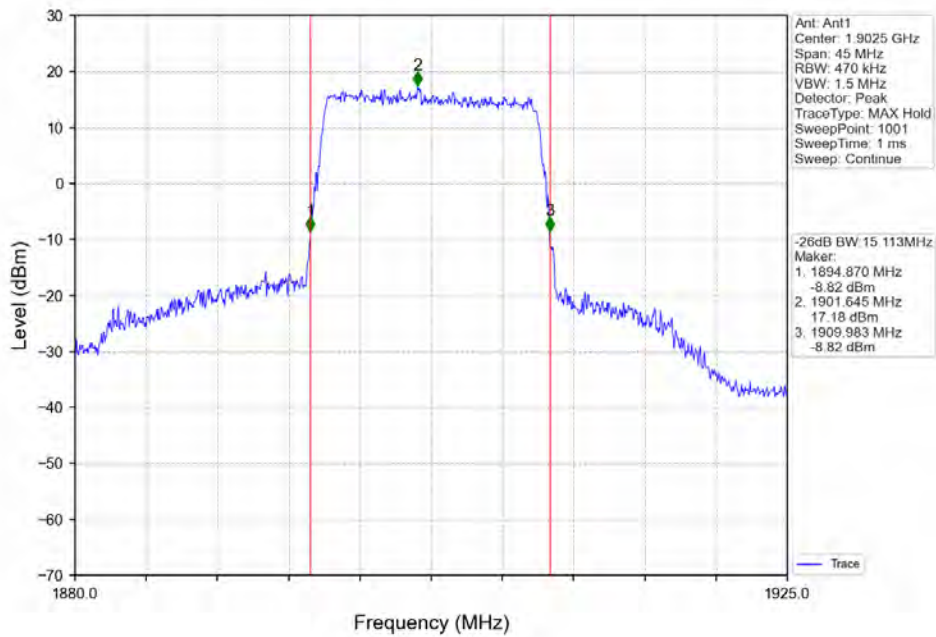




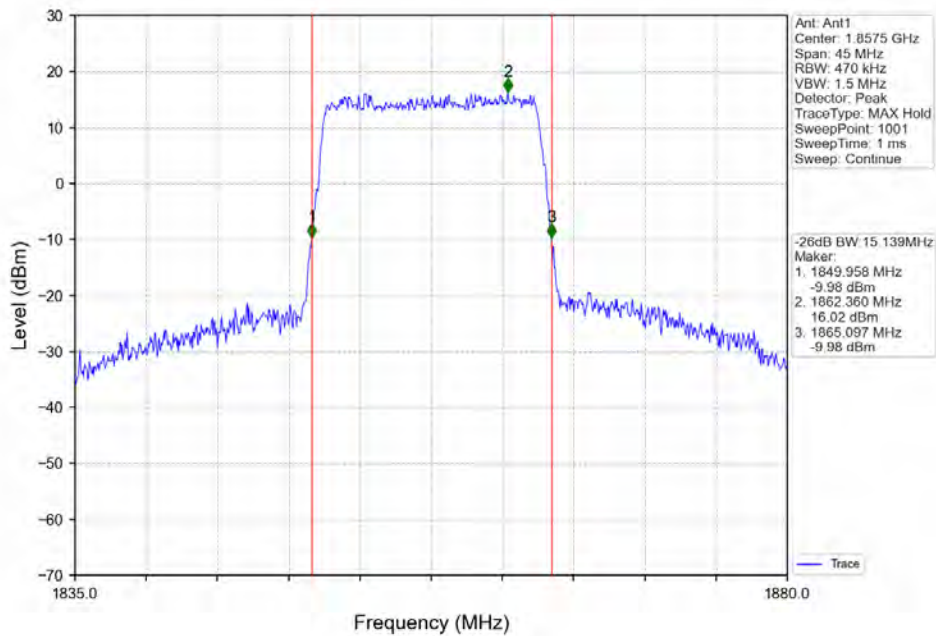
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



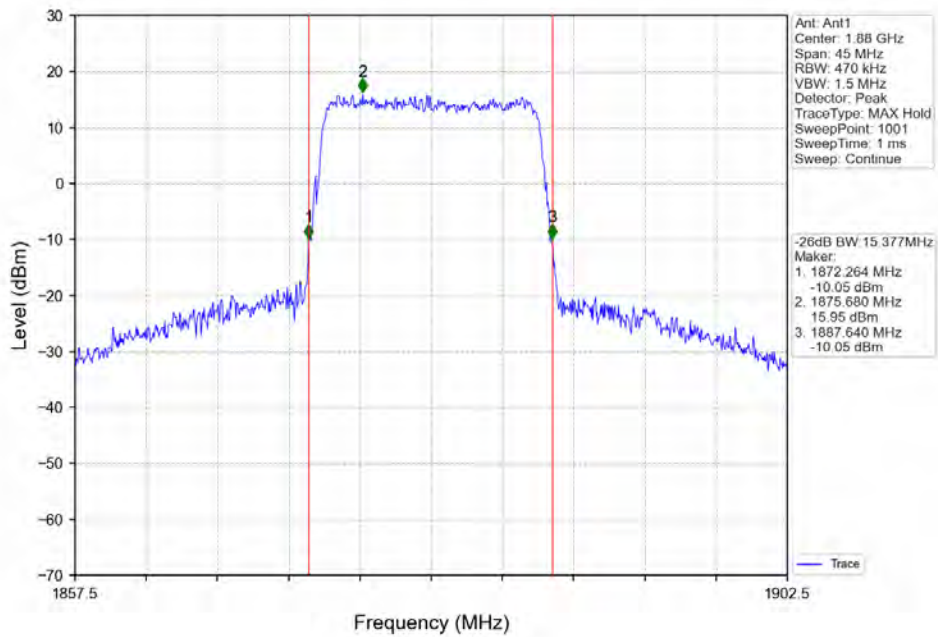




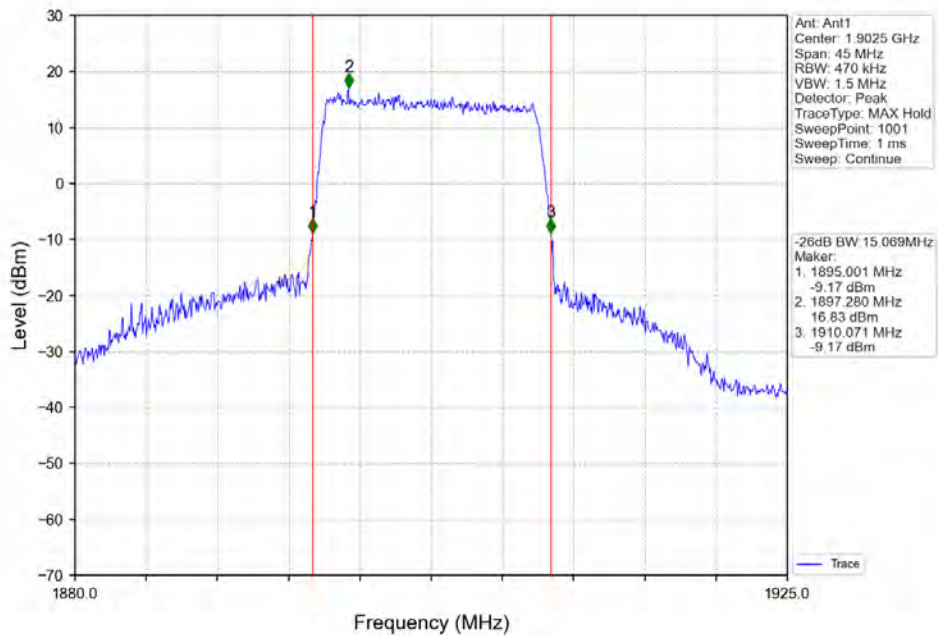
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

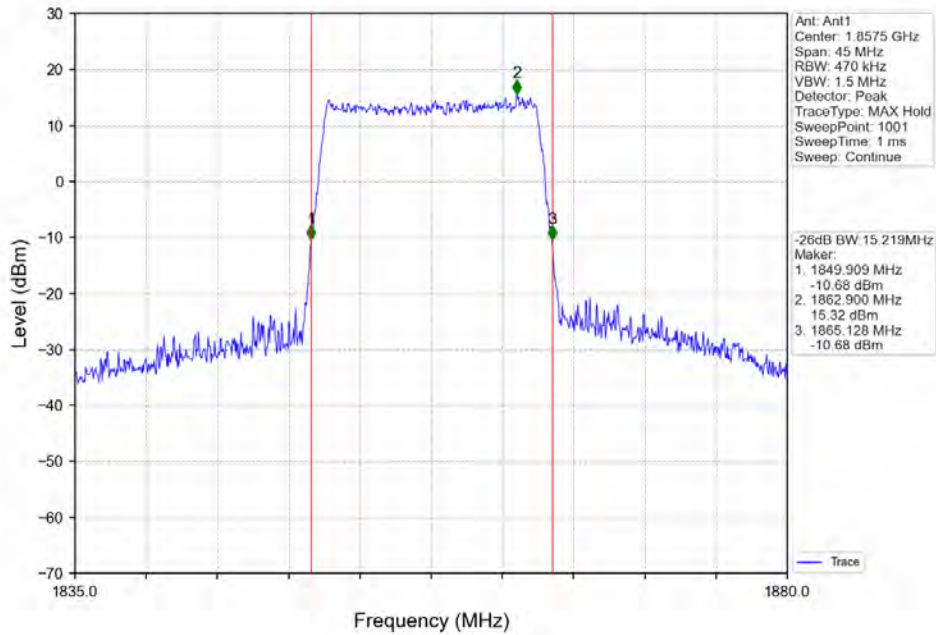




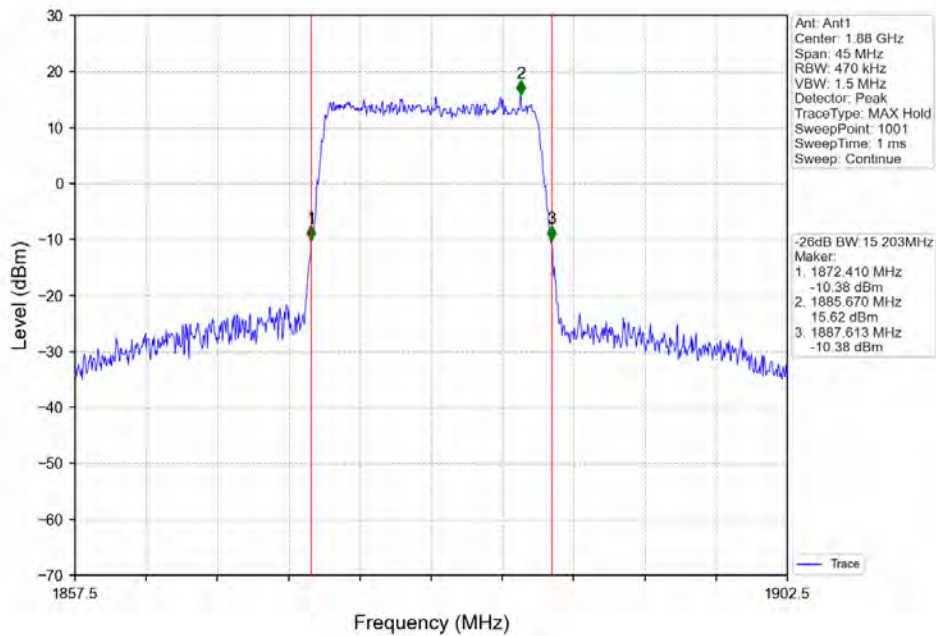
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_64QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_64QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV

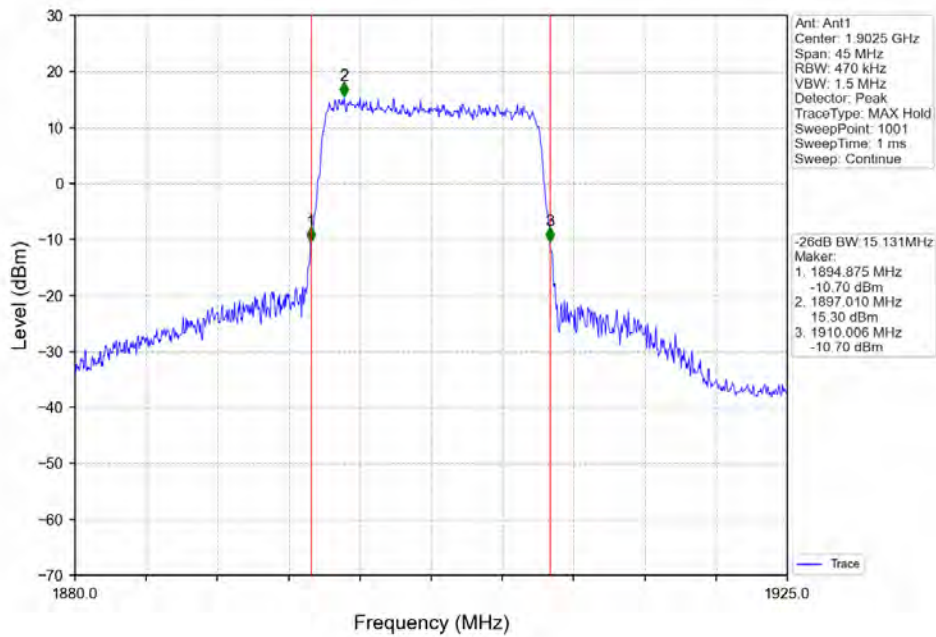




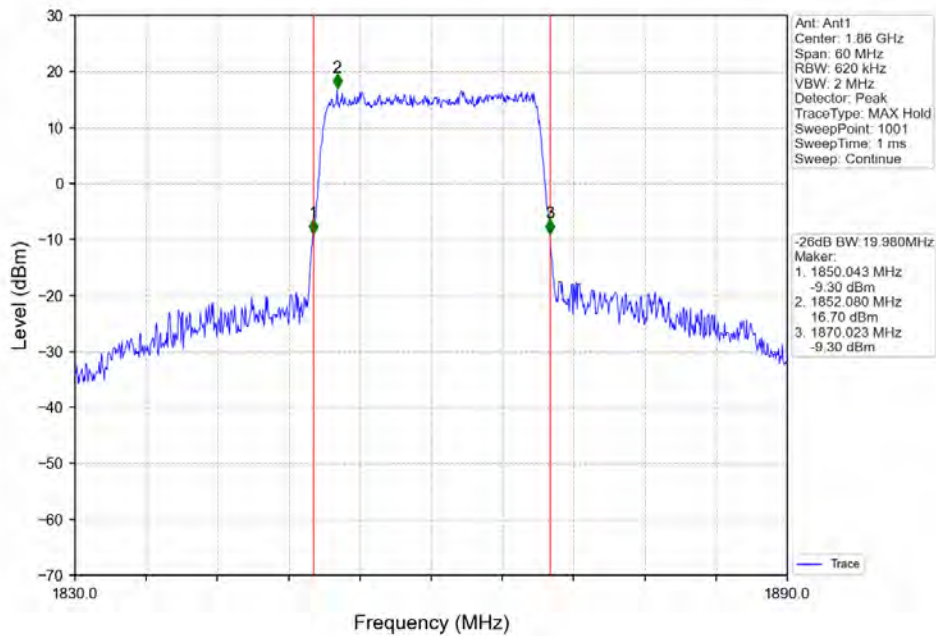
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_15MHz\_64QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

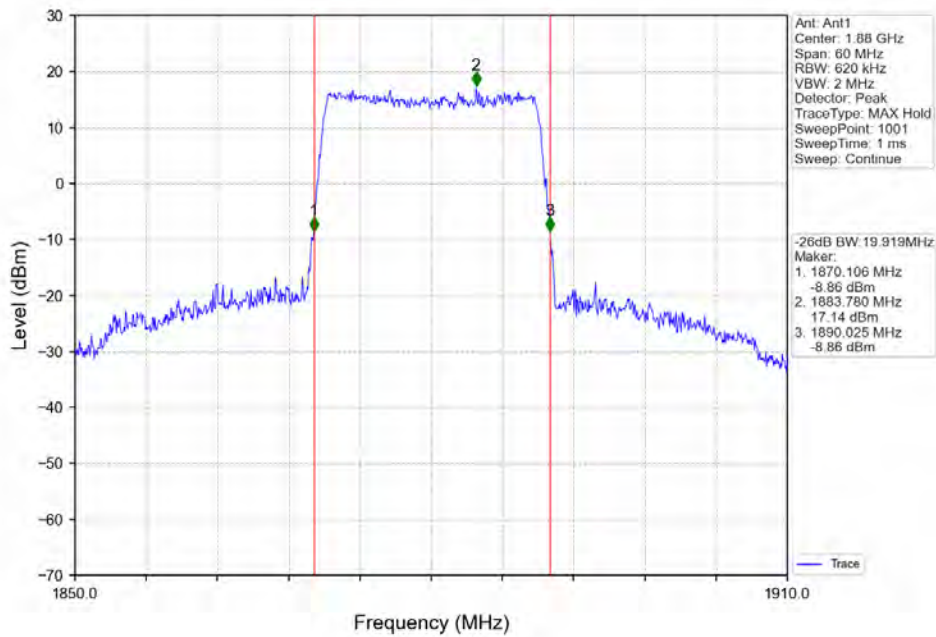




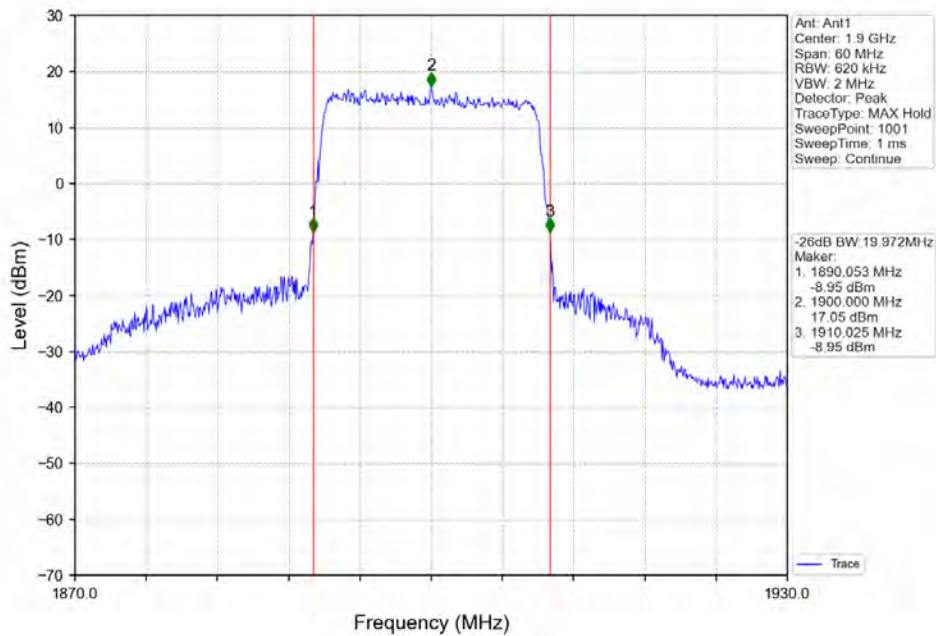
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



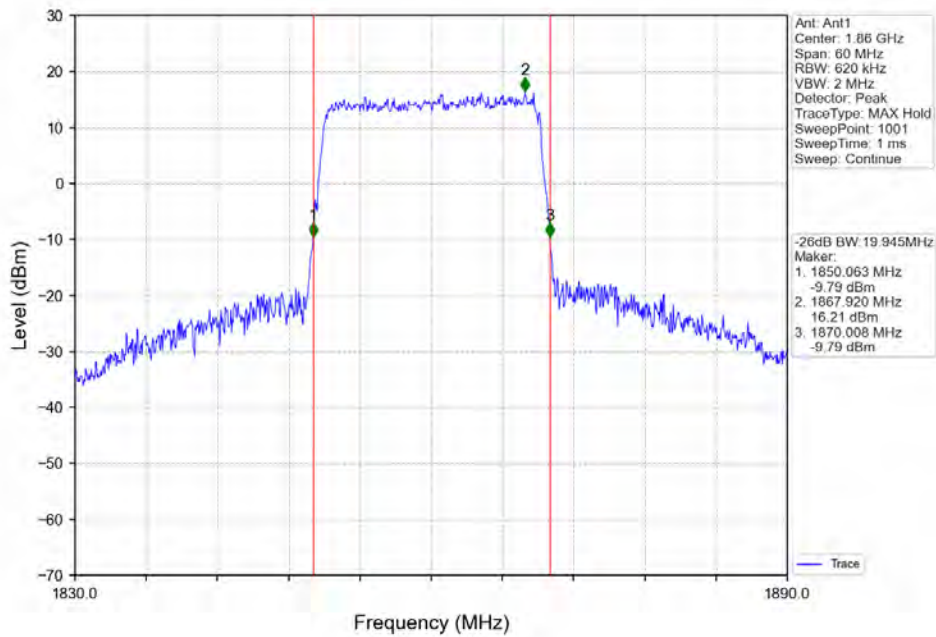




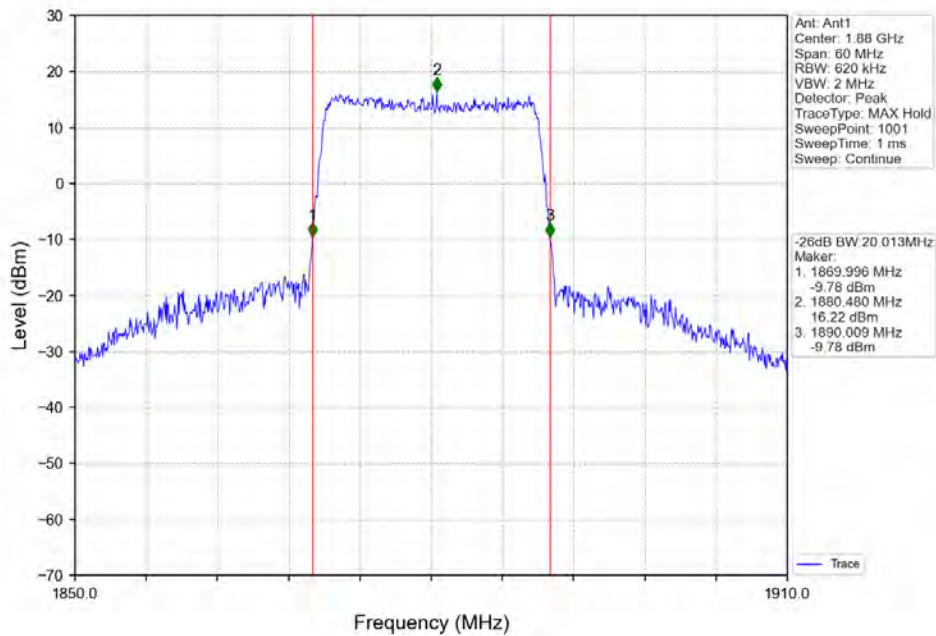
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



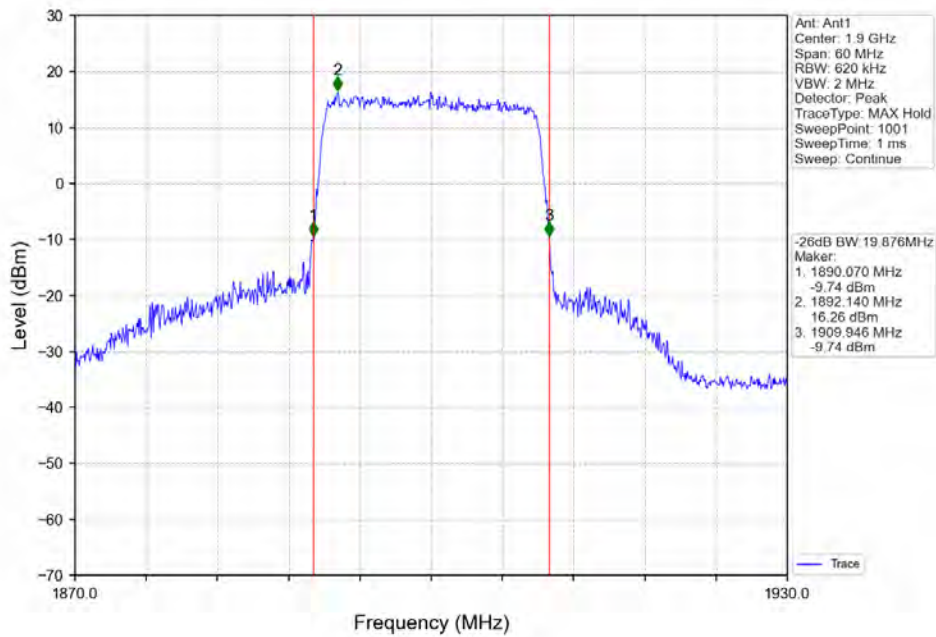




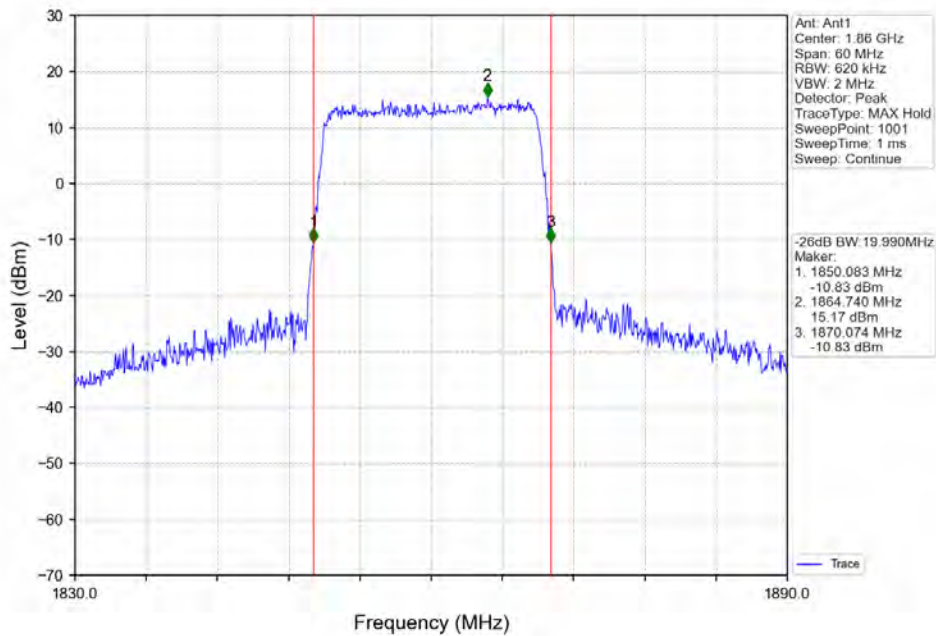
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

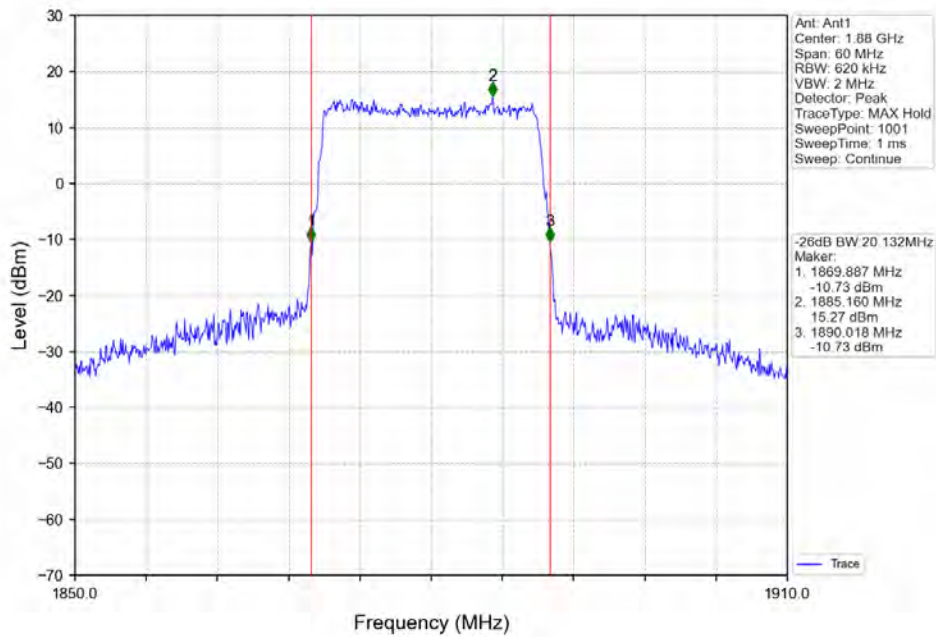




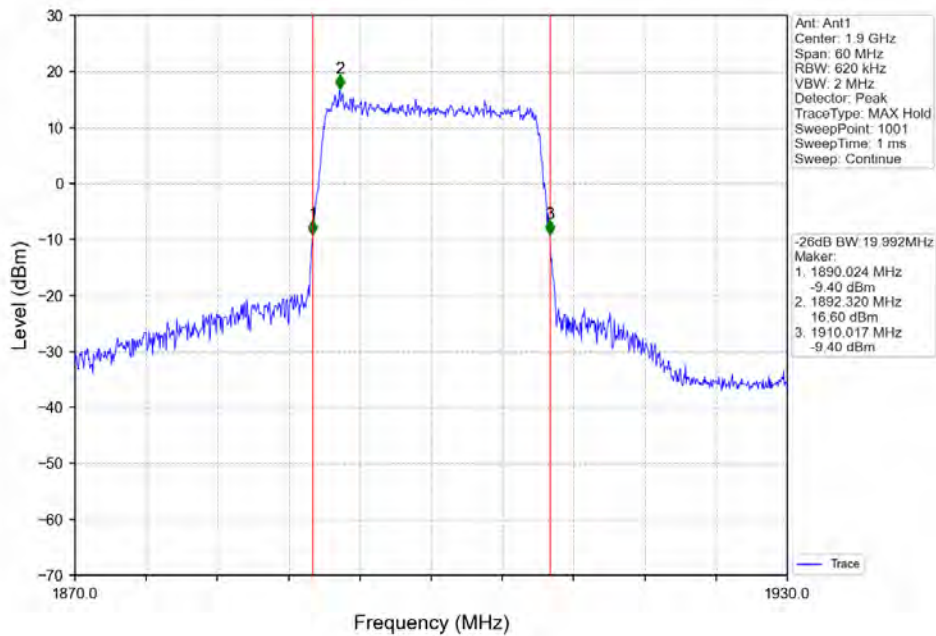
BUREAU VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_20MHz\_64QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_64QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV





**BUREAU**  
**VERITAS**

Test Report No.: W7L-P22090015-4RF05

### PEAK-AVERAGE RATIO B2\_1.4MHZ TEST RESULT

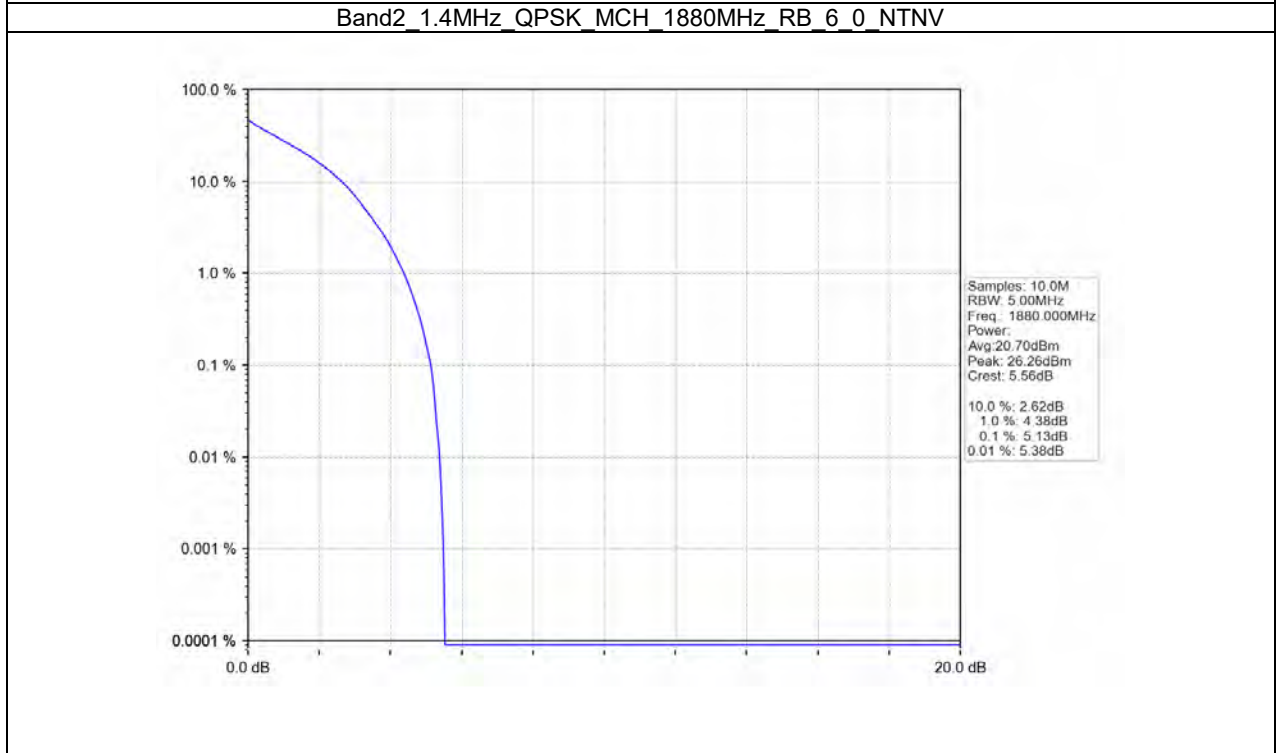
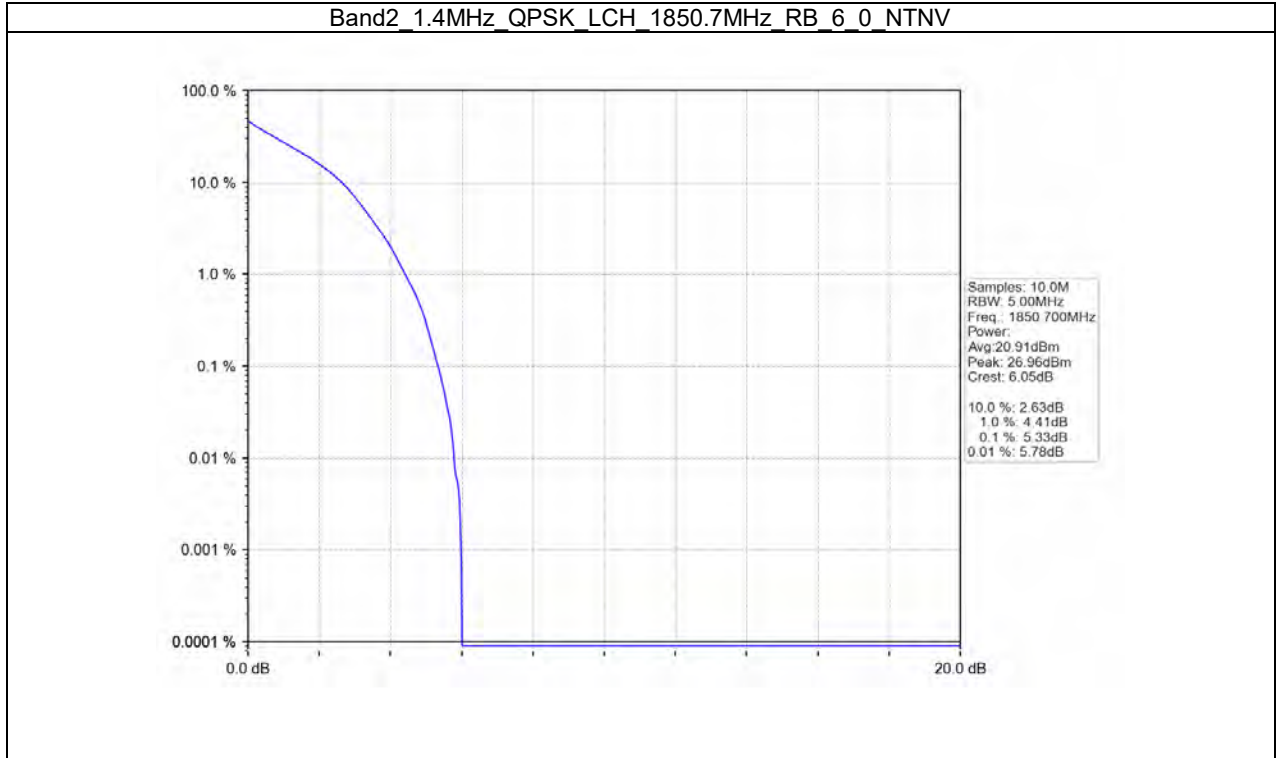
Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.33	<=13	Pass
	1880	6	0	5.13	<=13	Pass
	1909.3	6	0	4.86	<=13	Pass
16QAM	1850.7	6	0	6.16	<=13	Pass
	1880	6	0	5.99	<=13	Pass
	1909.3	6	0	5.66	<=13	Pass
64QAM	1850.7	6	0	6.36	<=13	Pass
	1880	6	0	6.64	<=13	Pass
	1909.3	6	0	6.24	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

## TEST GRAPH

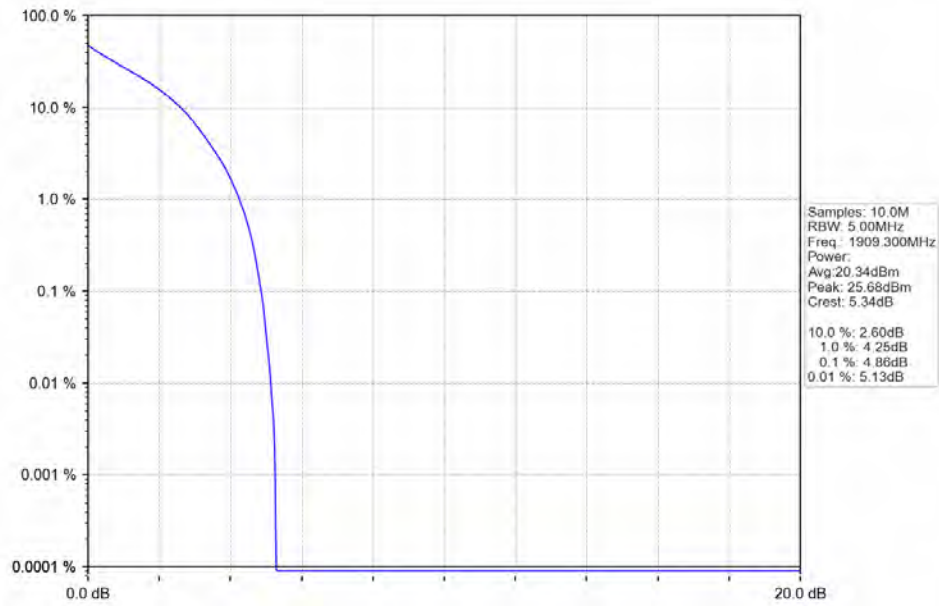




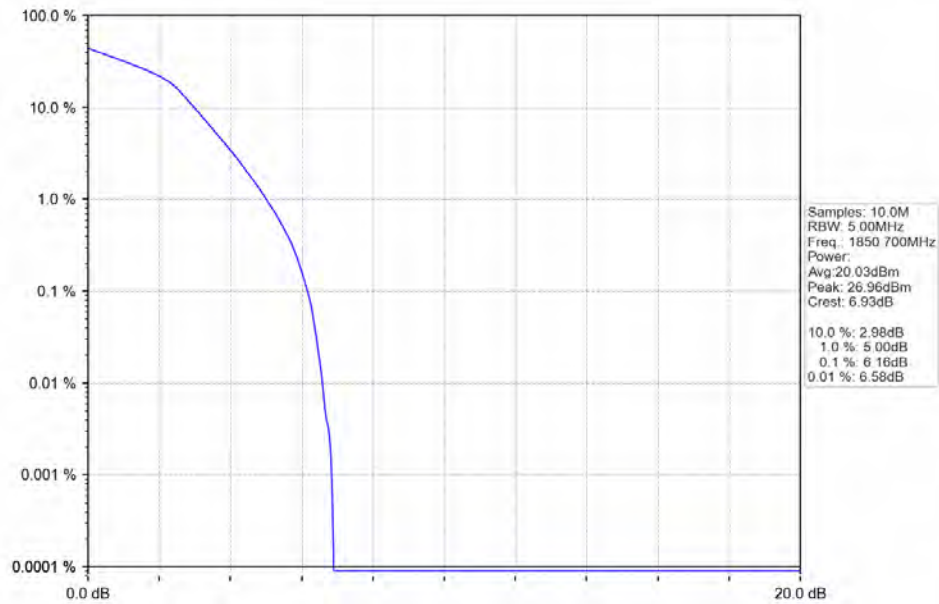
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



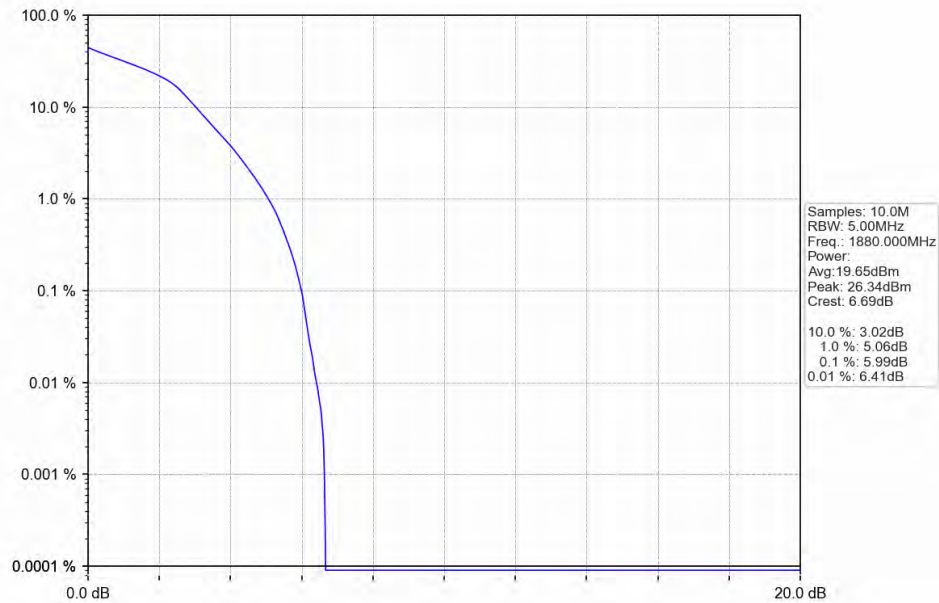




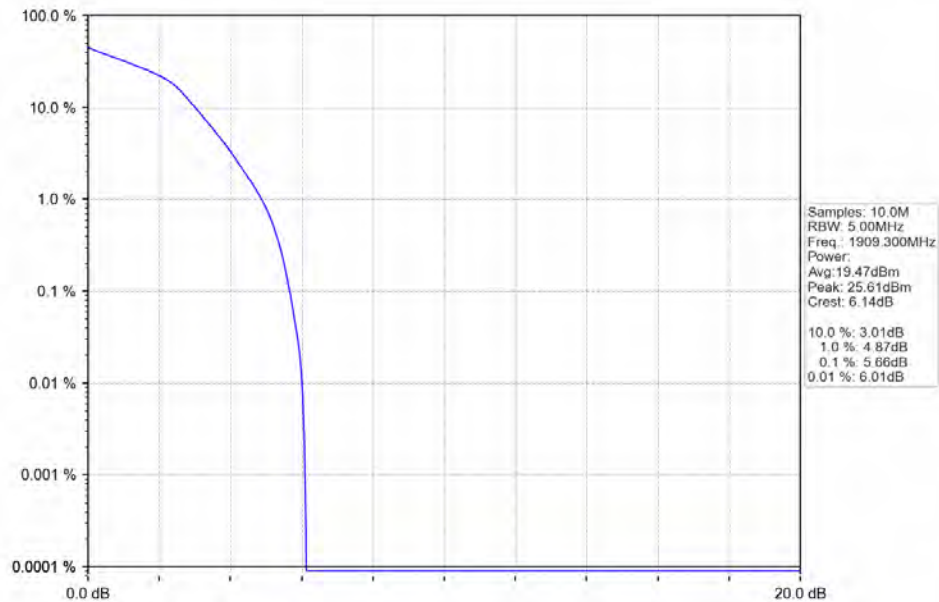
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV

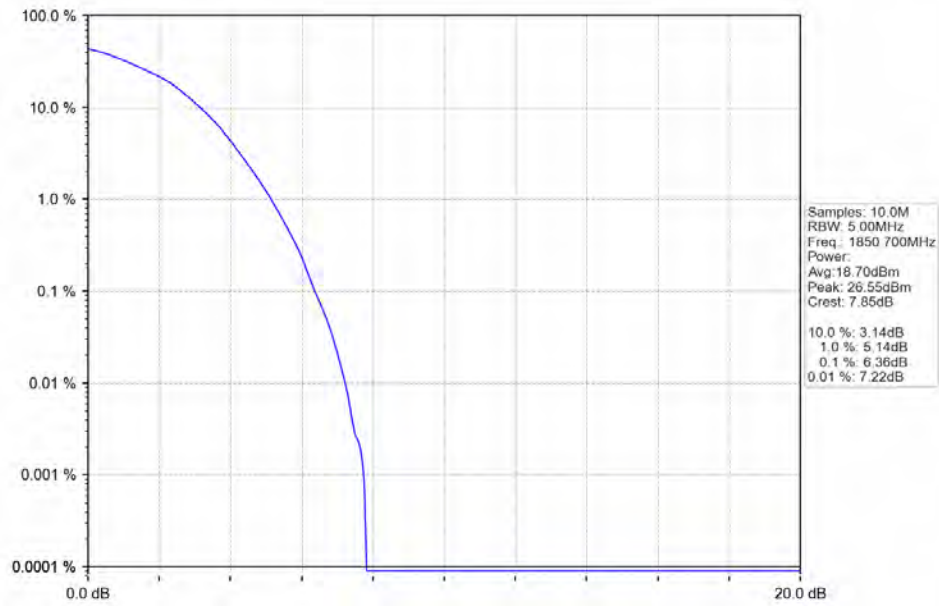




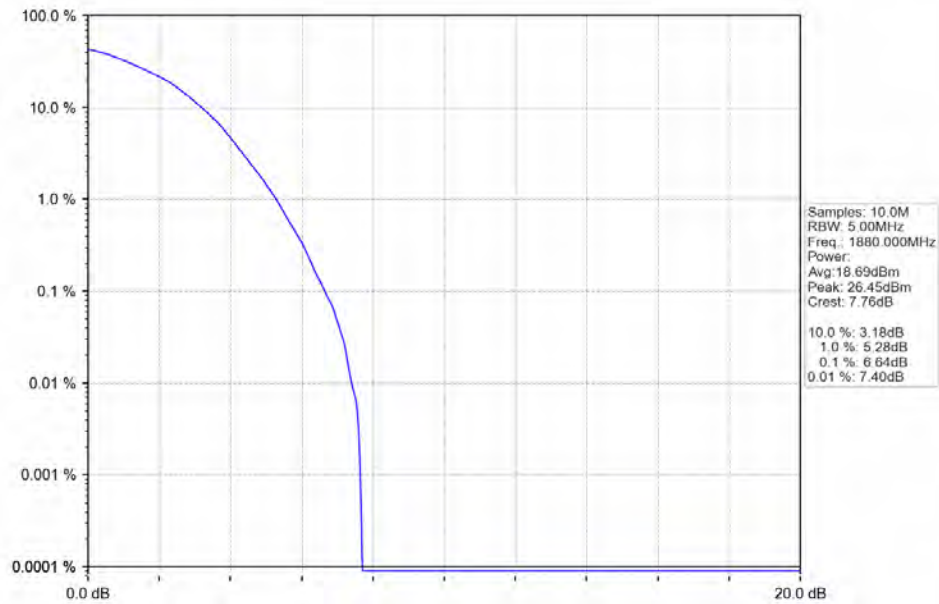
BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_1.4MHz\_64QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



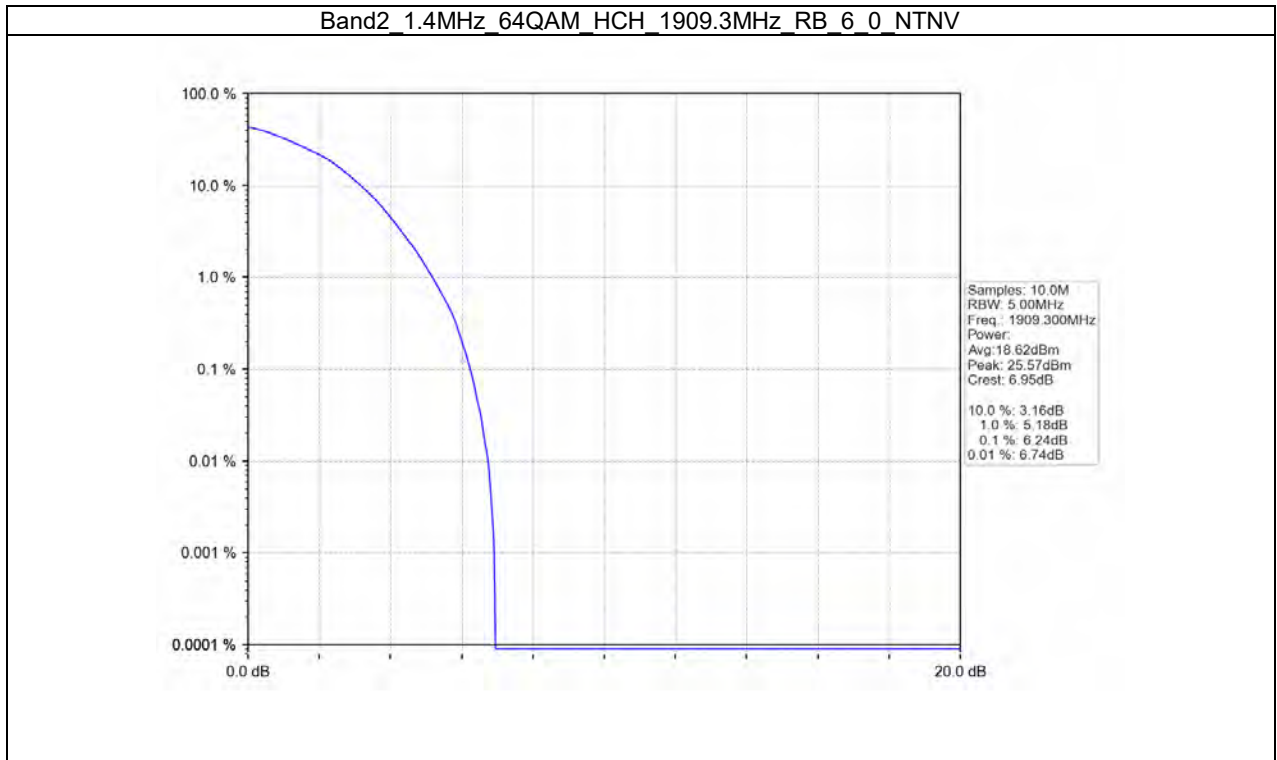
Band2\_1.4MHz\_64QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV





BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05





**BUREAU**  
**VERITAS**

Test Report No.: W7L-P22090015-4RF05

## B2\_3MHZ TEST RESULT

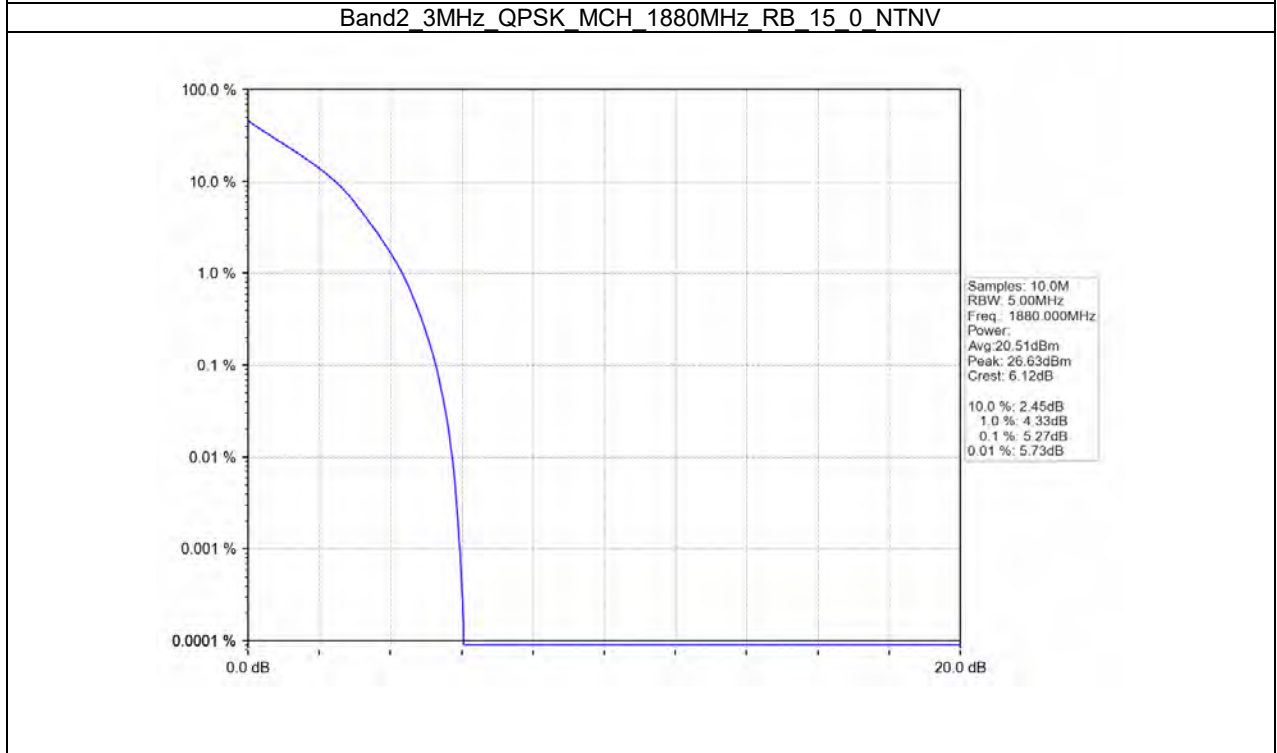
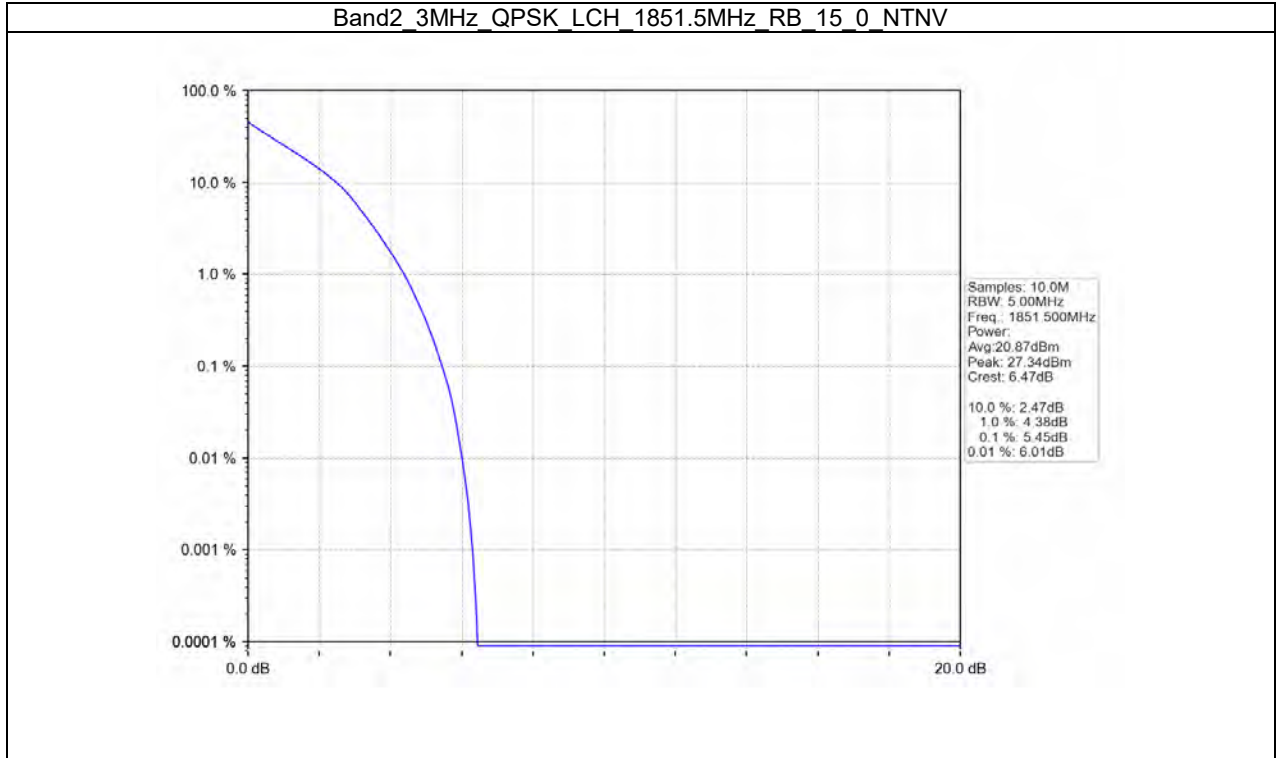
Band: 2 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.45	<=13	Pass
	1880	15	0	5.27	<=13	Pass
	1908.5	15	0	4.99	<=13	Pass
16QAM	1851.5	15	0	6.26	<=13	Pass
	1880	15	0	6.02	<=13	Pass
	1908.5	15	0	5.79	<=13	Pass
64QAM	1851.5	15	0	6.60	<=13	Pass
	1880	15	0	6.44	<=13	Pass
	1908.5	15	0	6.40	<=13	Pass



BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

## TEST GRAPH



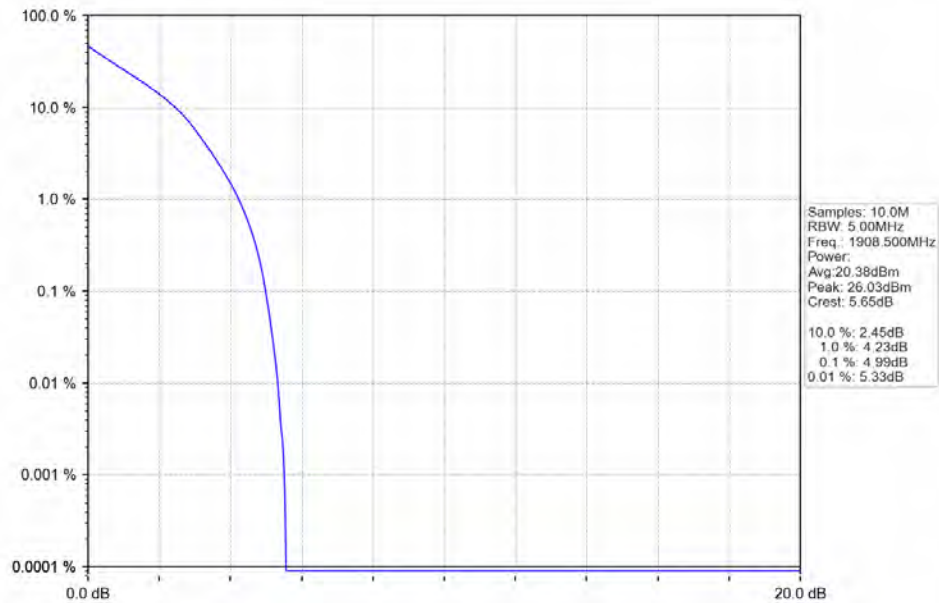




BUREAU  
VERITAS

Test Report No.: W7L-P22090015-4RF05

Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

