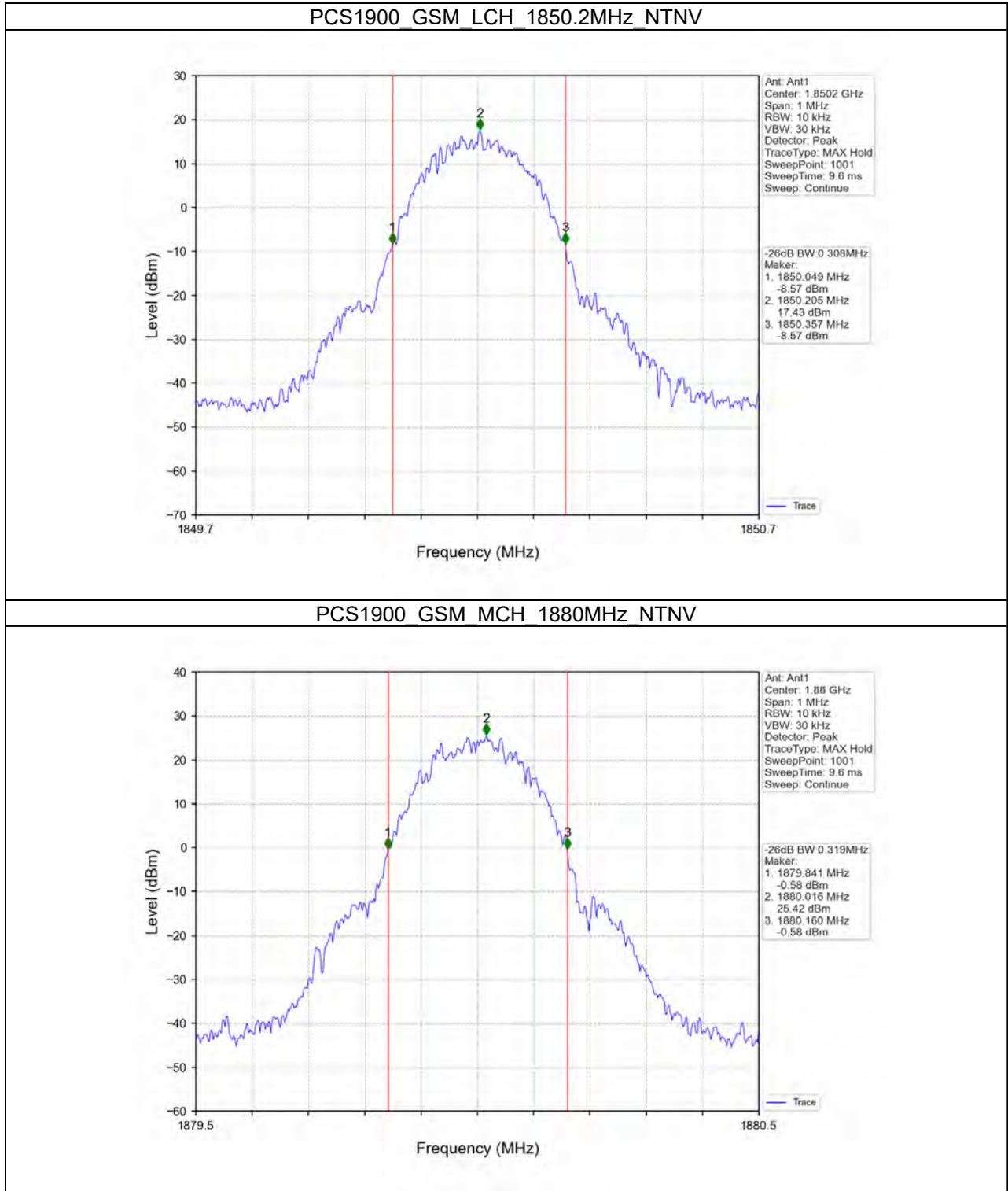




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Test Report No.: W7L-P21100027RF15

Test Graph

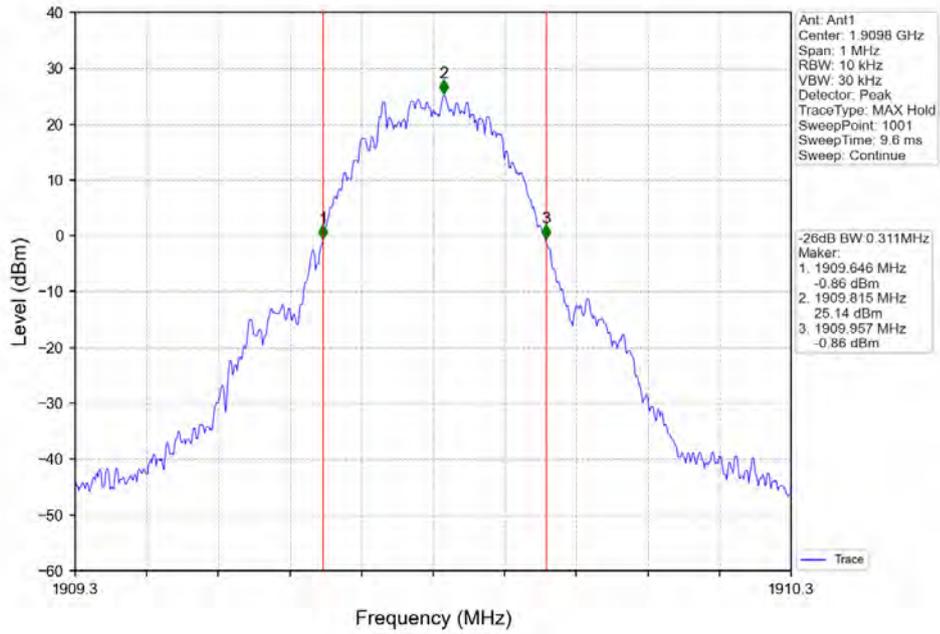




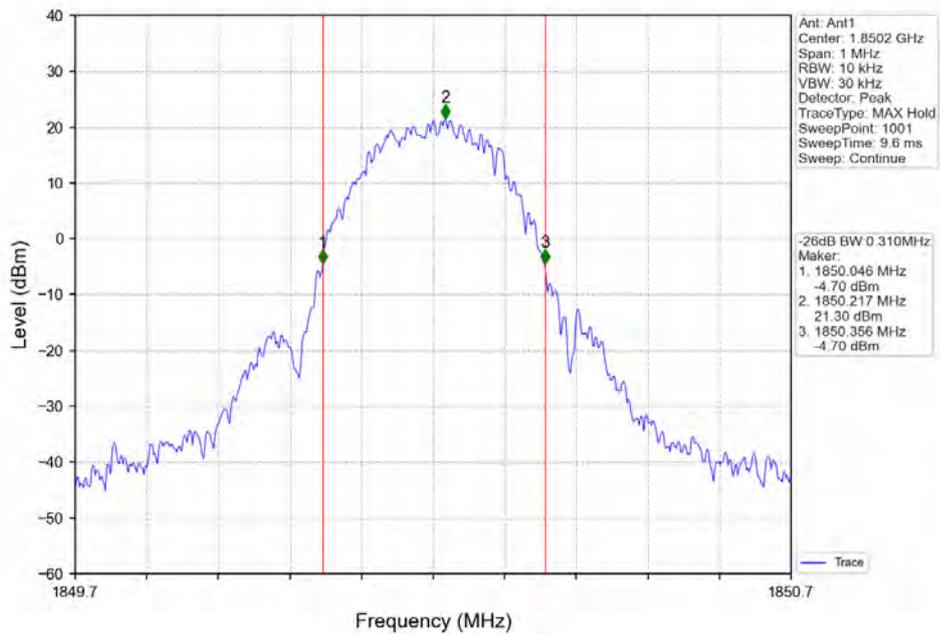
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VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_GSM_HCH_1909.8MHz_NTNV



PCS1900 EGPRS LCH_1850.2MHz_NTNV

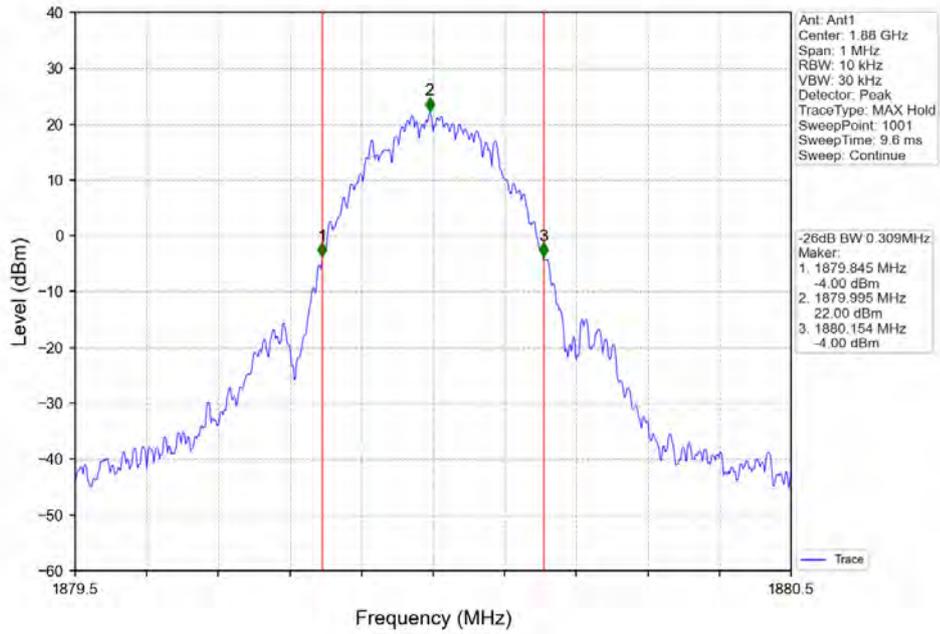




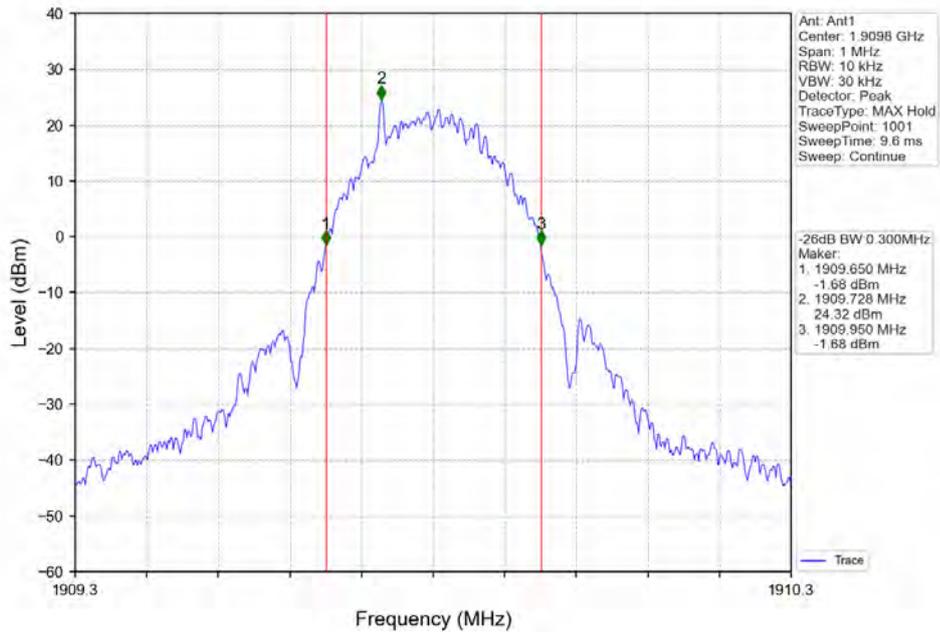
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VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_EGPRS_MCH_1880MHz_NTNV



PCS1900 EGPRS HCH 1909.8MHz NTN





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Test Report No.: W7L-P21100027RF15

Peak-Average Ratio

PCS1900

Test Result

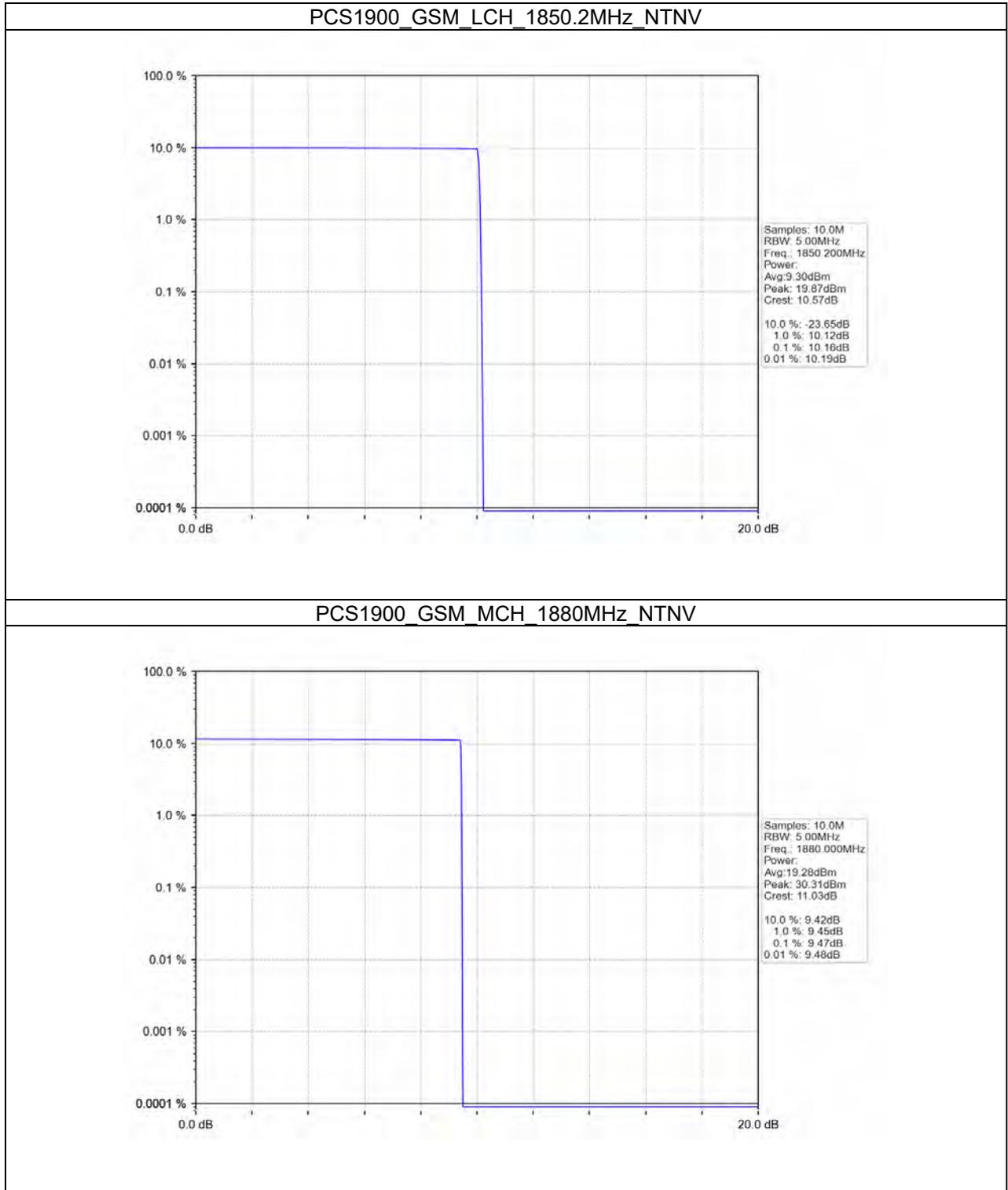
Band: PCS1900						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	/	1850.2	10.16	<=13	Pass
			1880	9.47	<=13	Pass
			1909.8	3.53	<=13	Pass
	EGPRS	/	1850.2	12.93	<=13	Pass
			1880	6.78	<=13	Pass
			1909.8	7.04	<=13	Pass



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VERITAS

Test Report No.: W7L-P21100027RF15

Test Graph

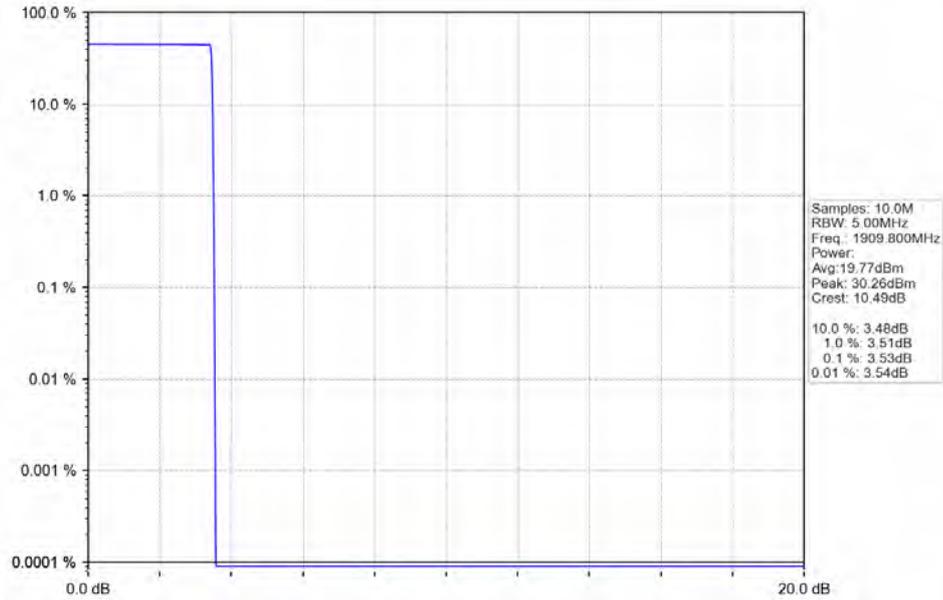




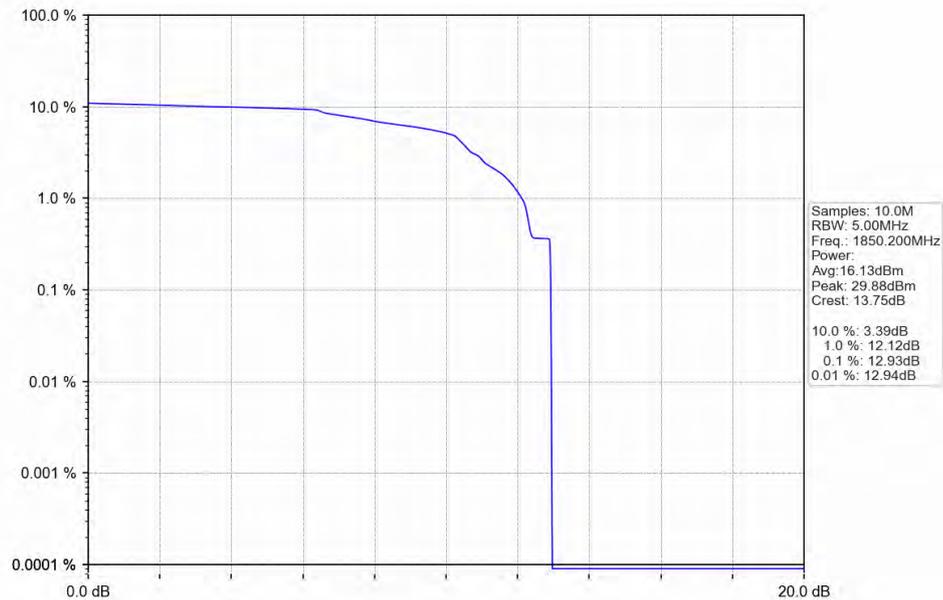
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_GSM_HCH_1909.8MHz_NTNV



PCS1900 EGPRS LCH 1850.2MHz_NTNV

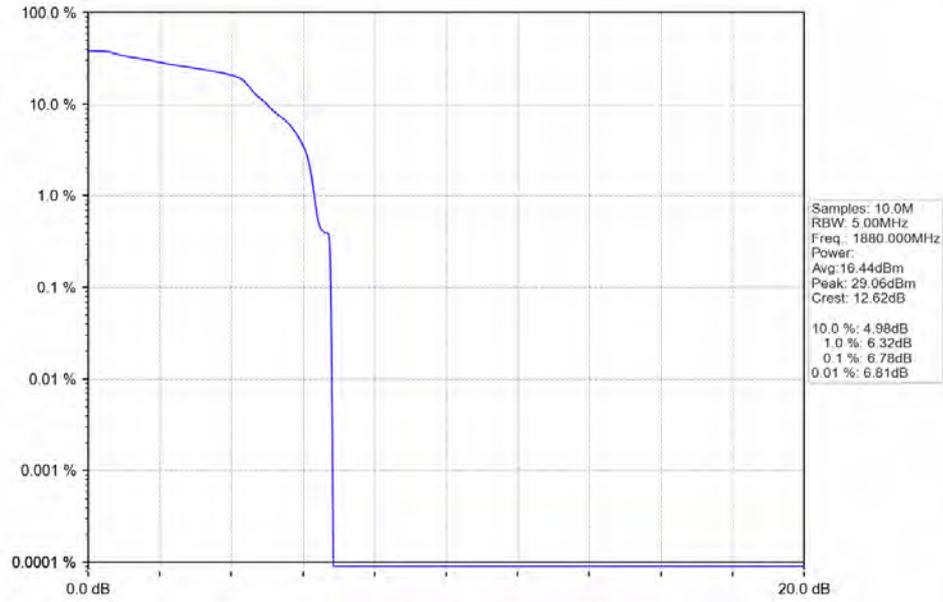




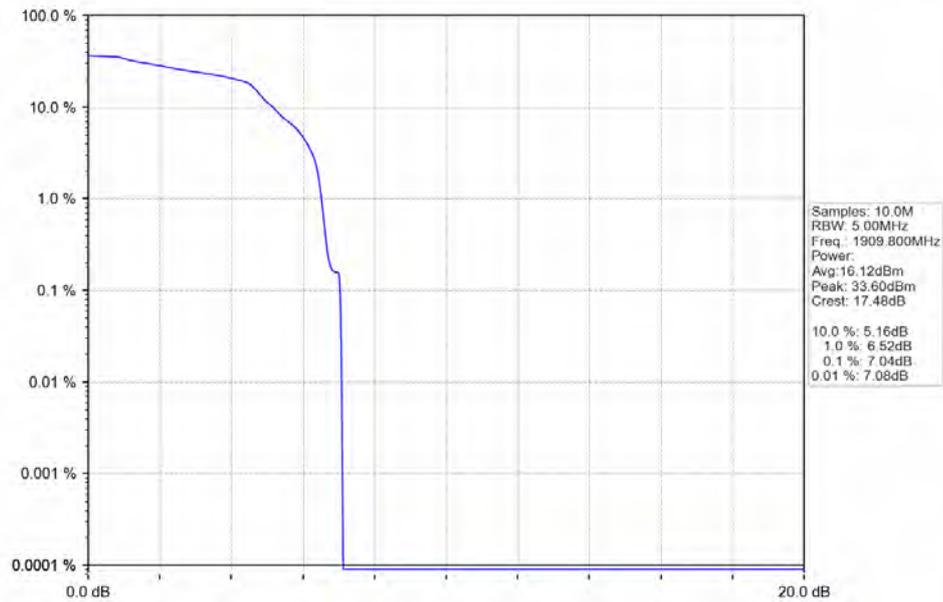
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VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_EGPRS_MCH_1880MHz_NTNV



PCS1900 EGPRS HCH 1909.8MHz NTN





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VERITAS**

Test Report No.: W7L-P21100027RF15

Spurious Emission

PCS1900

Test Result

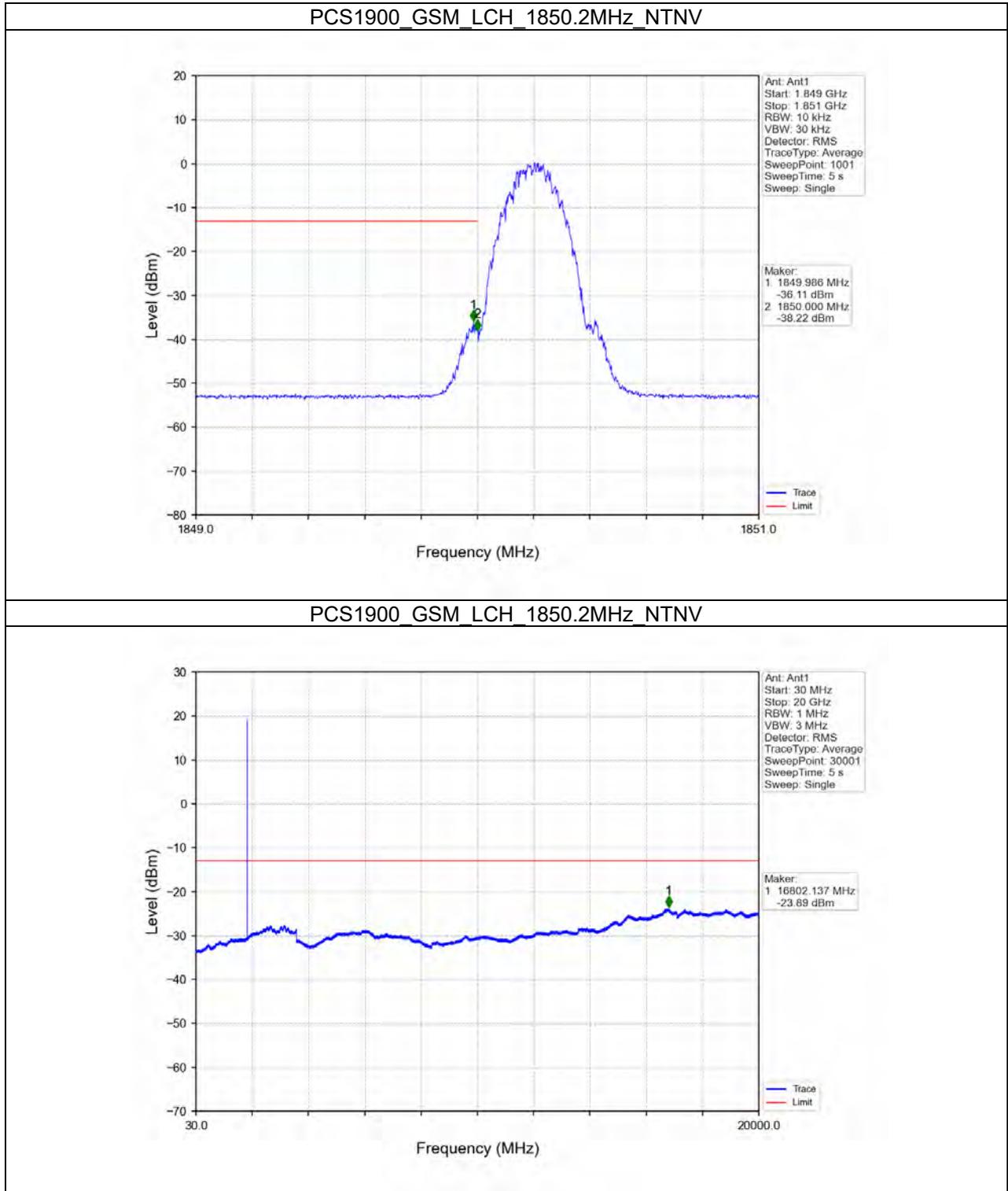
Band: PCS1900						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	GSM	/	1850.2	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1909.8	Refer To Test Graph		Pass
	EGPRS	/	1850.2	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1909.8	Refer To Test Graph		Pass



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VERITAS

Test Report No.: W7L-P21100027RF15

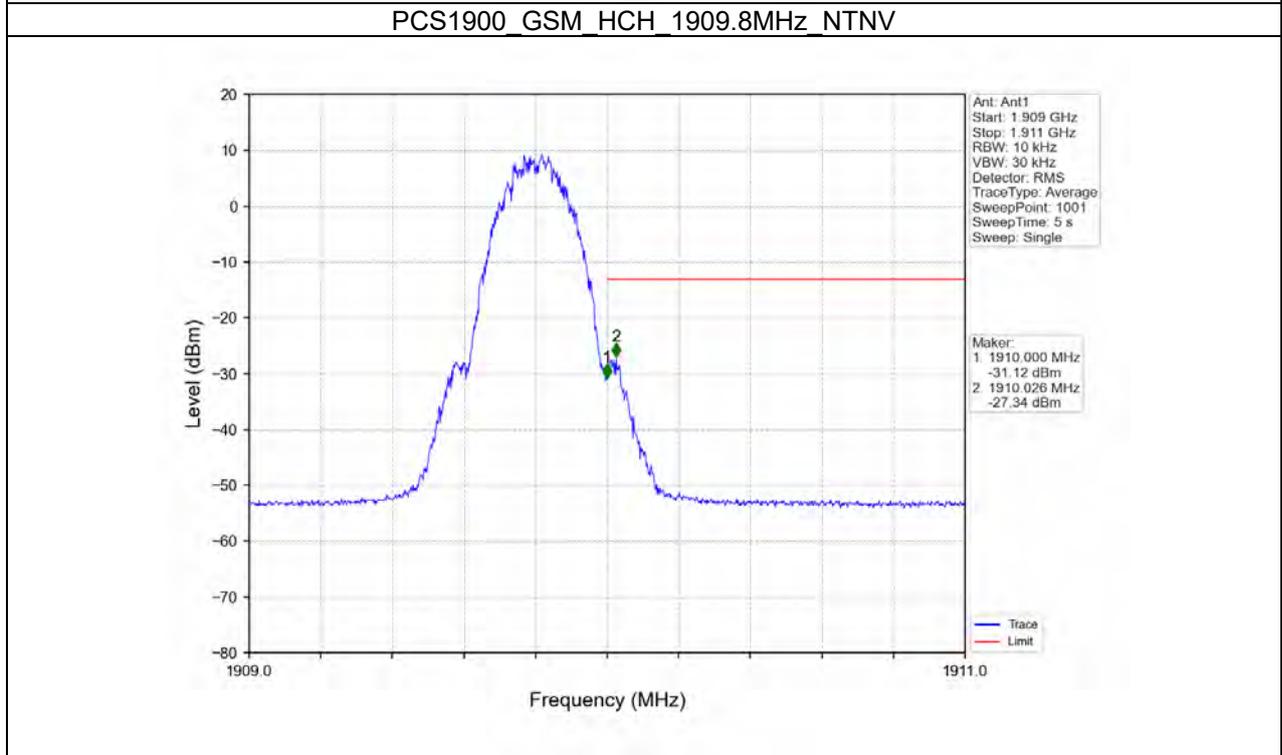
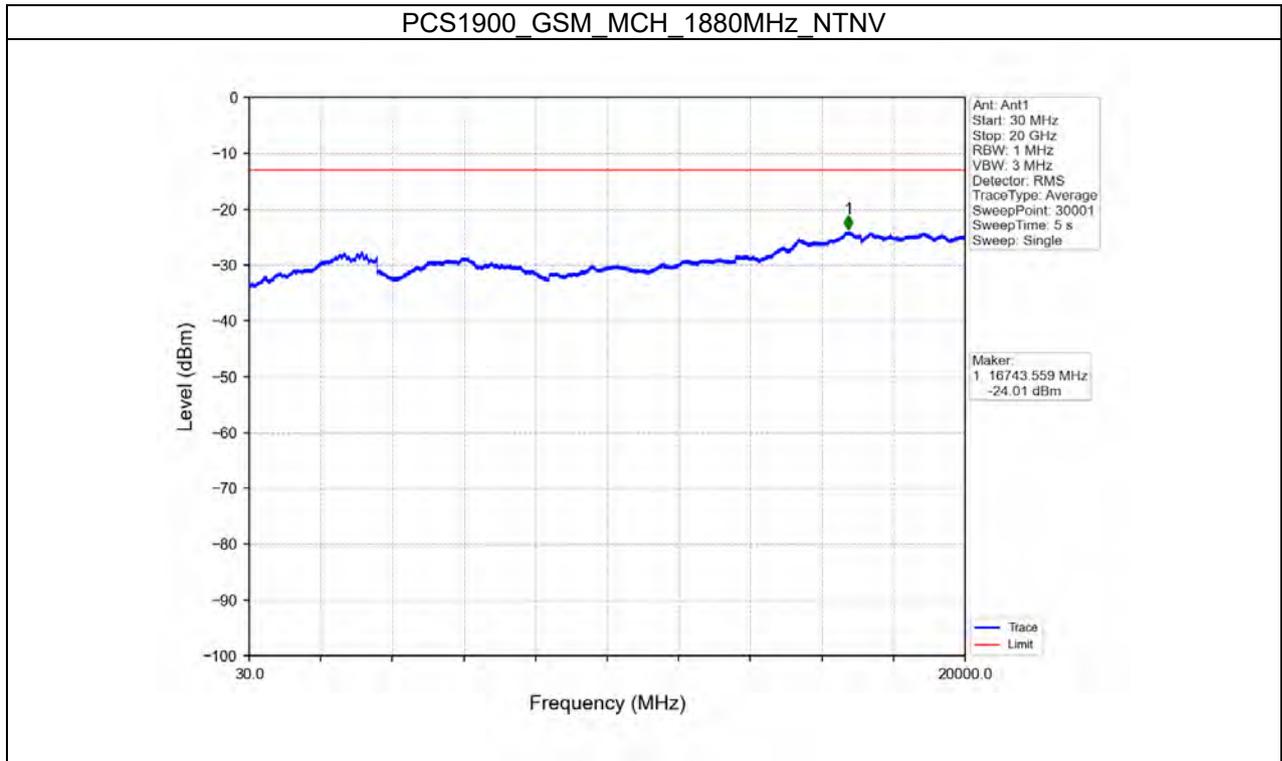
Test Graph





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Test Report No.: W7L-P21100027RF15

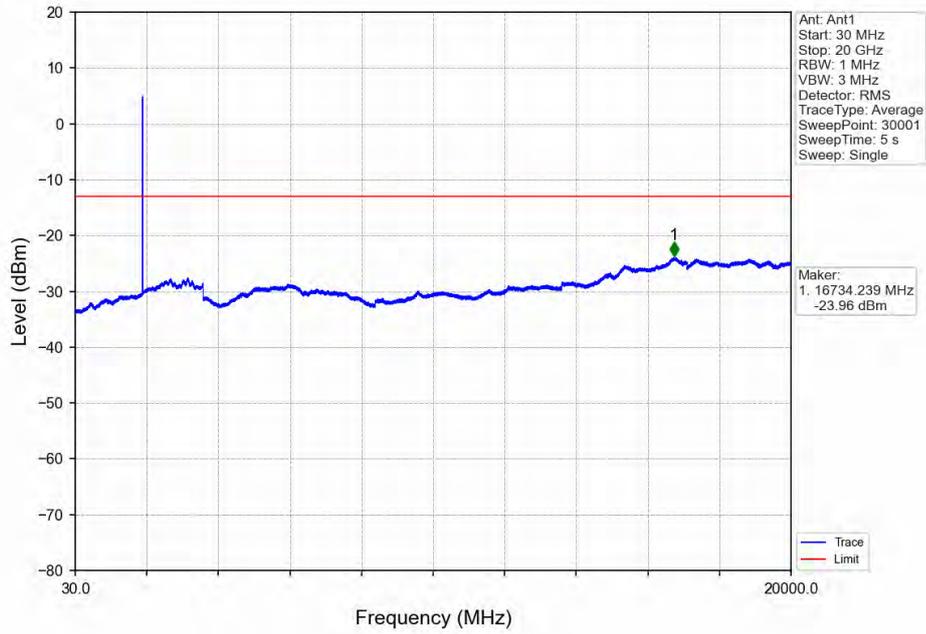




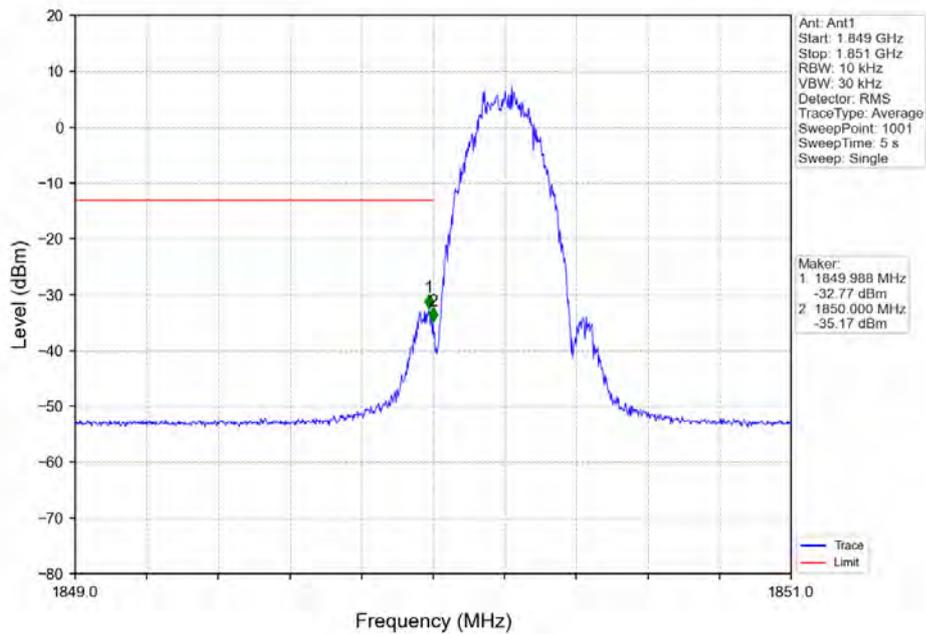
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VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_GSM_HCH_1909.8MHz_NTNV



PCS1900 EGPRS LCH 1850.2MHz_NTNV

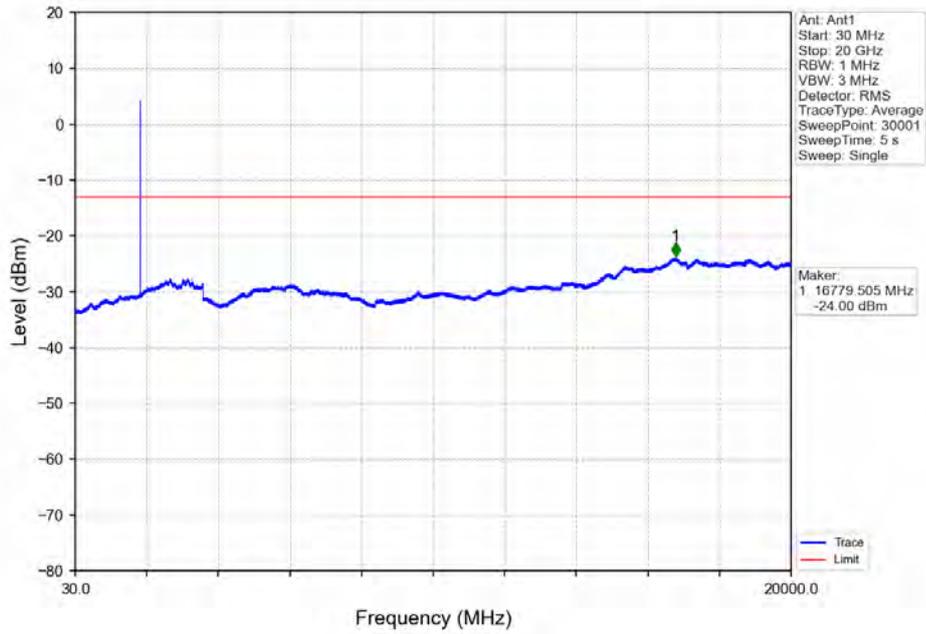




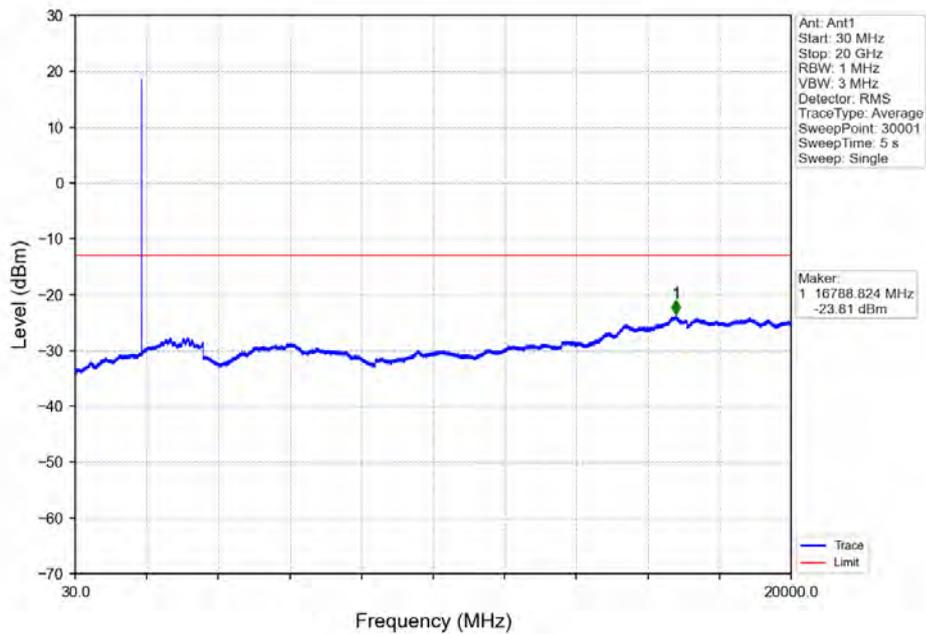
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_EGPRS_LCH_1850.2MHz_NTNV



PCS1900_EGPRS_MCH_1880MHz_NTNV

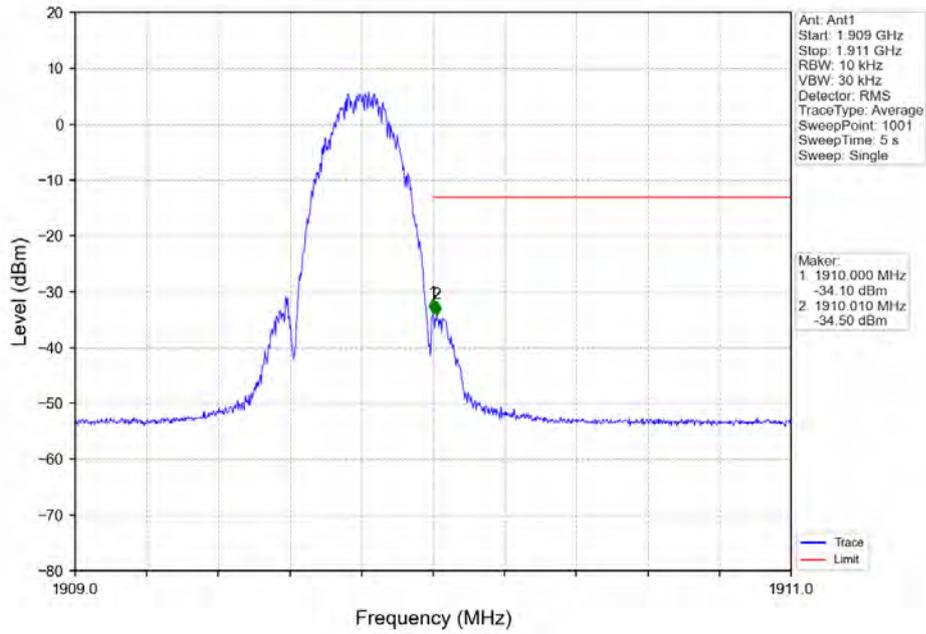




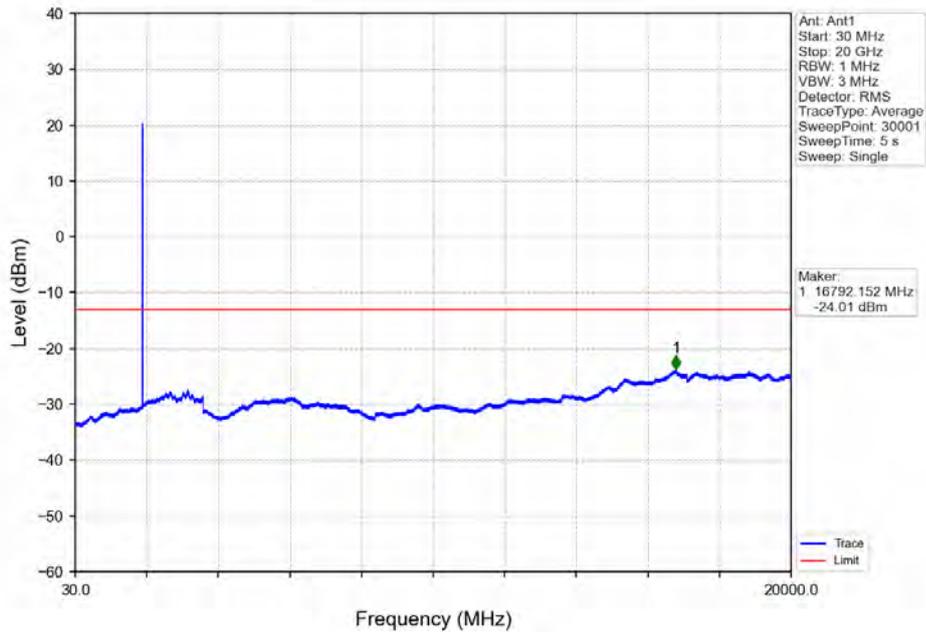
BUREAU VERITAS

Test Report No.: W7L-P21100027RF15

PCS1900_EGPRS_HCH_1909.8MHz_NTNV



PCS1900 EGPRS HCH 1909.8MHz NTN





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VERITAS

Test Report No.: W7L-P21100027RF15

WCDMA Band2

Frequency Stability

Band2

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	-3.82	-0.00	-2.5 to 2.5	Pass
			3.85	-6.97	-0.00	-2.5 to 2.5	Pass
			4.43	-3.93	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-5.84	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-7.08	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-1.52	-0.00	-2.5 to 2.5	Pass
		0	3.85	-3.75	-0.00	-2.5 to 2.5	Pass
		10	3.85	-6.12	-0.00	-2.5 to 2.5	Pass
		30	3.85	-5.63	-0.00	-2.5 to 2.5	Pass
		40	3.85	-2.27	-0.00	-2.5 to 2.5	Pass
	50	3.85	-5.24	-0.00	-2.5 to 2.5	Pass	
	1880	20	3.27	-5.27	-0.00	-2.5 to 2.5	Pass
			3.85	-2.30	-0.00	-2.5 to 2.5	Pass
			4.43	0.55	0.00	-2.5 to 2.5	Pass
		-30	3.85	-5.15	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-6.57	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-7.94	-0.00	-2.5 to 2.5	Pass
		0	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
		10	3.85	-2.48	-0.00	-2.5 to 2.5	Pass
		30	3.85	-2.81	-0.00	-2.5 to 2.5	Pass
		40	3.85	-1.42	-0.00	-2.5 to 2.5	Pass
	50	3.85	-11.33	-0.01	-2.5 to 2.5	Pass	
	1907.6	20	3.27	-6.02	-0.00	-2.5 to 2.5	Pass
			3.85	-5.04	-0.00	-2.5 to 2.5	Pass
			4.43	-3.05	-0.00	-2.5 to 2.5	Pass
		-30	3.85	-3.30	-0.00	-2.5 to 2.5	Pass
		-20	3.85	-3.40	-0.00	-2.5 to 2.5	Pass
		-10	3.85	-4.00	-0.00	-2.5 to 2.5	Pass
		0	3.85	-3.67	-0.00	-2.5 to 2.5	Pass
		10	3.85	-6.67	-0.00	-2.5 to 2.5	Pass
30		3.85	-7.60	-0.00	-2.5 to 2.5	Pass	
40		3.85	-1.78	-0.00	-2.5 to 2.5	Pass	
50	3.85	-3.02	-0.00	-2.5 to 2.5	Pass		



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Test Report No.: W7L-P21100027RF15

99% & 26dB Bandwidth

Band2_OBW

Test Result

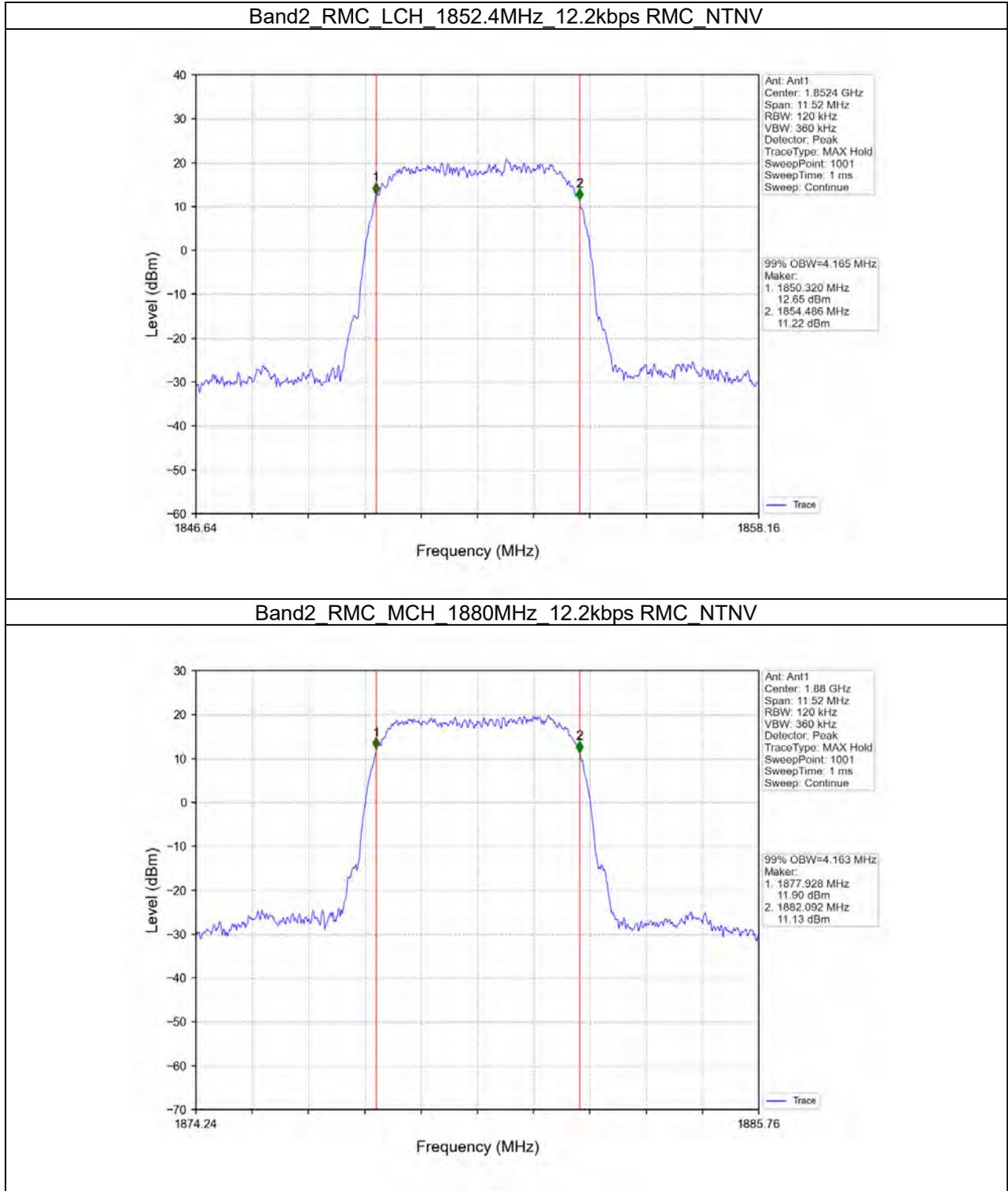
Band: 2					
ENV	Mode		Frequency (MHz)	99% Occupied Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.165	Pass
			1880	4.163	Pass
			1907.6	4.167	Pass



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Test Report No.: W7L-P21100027RF15

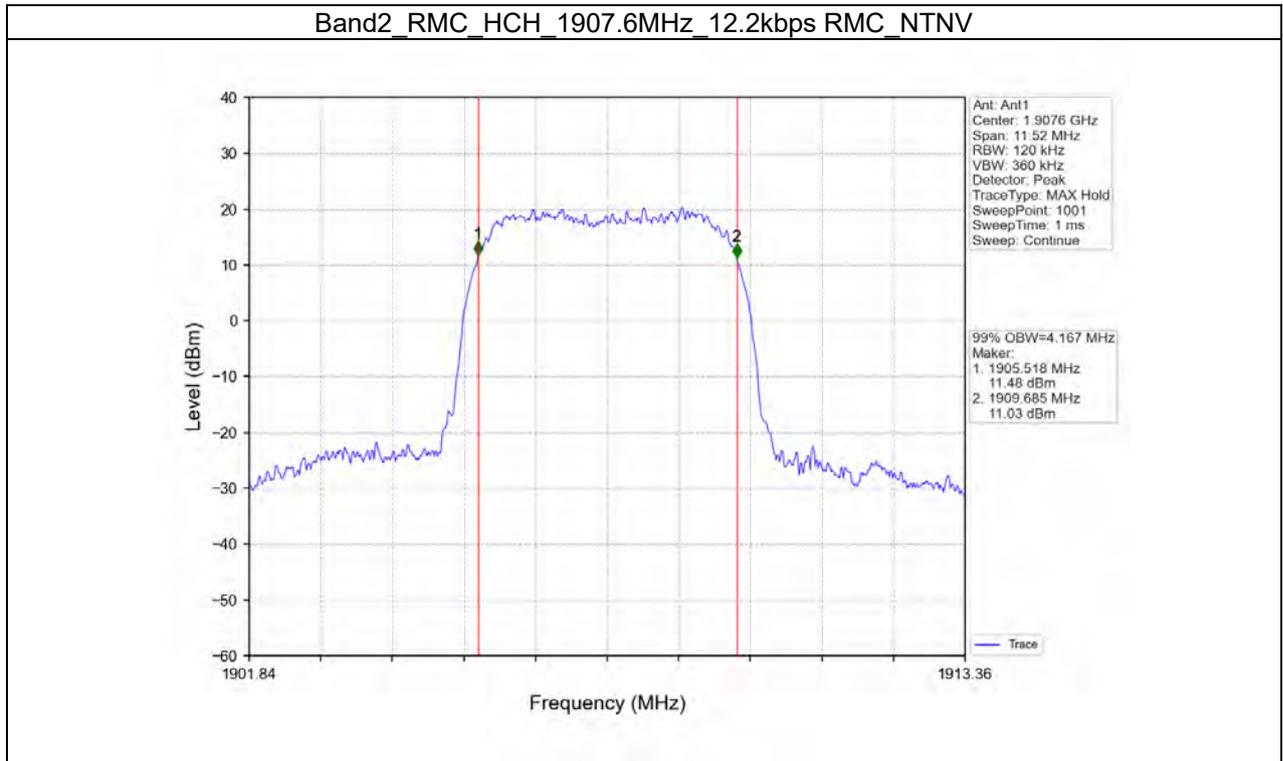
Test Graph





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Test Report No.: W7L-P21100027RF15





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Test Report No.: W7L-P21100027RF15

Band2_XDB

Test Result

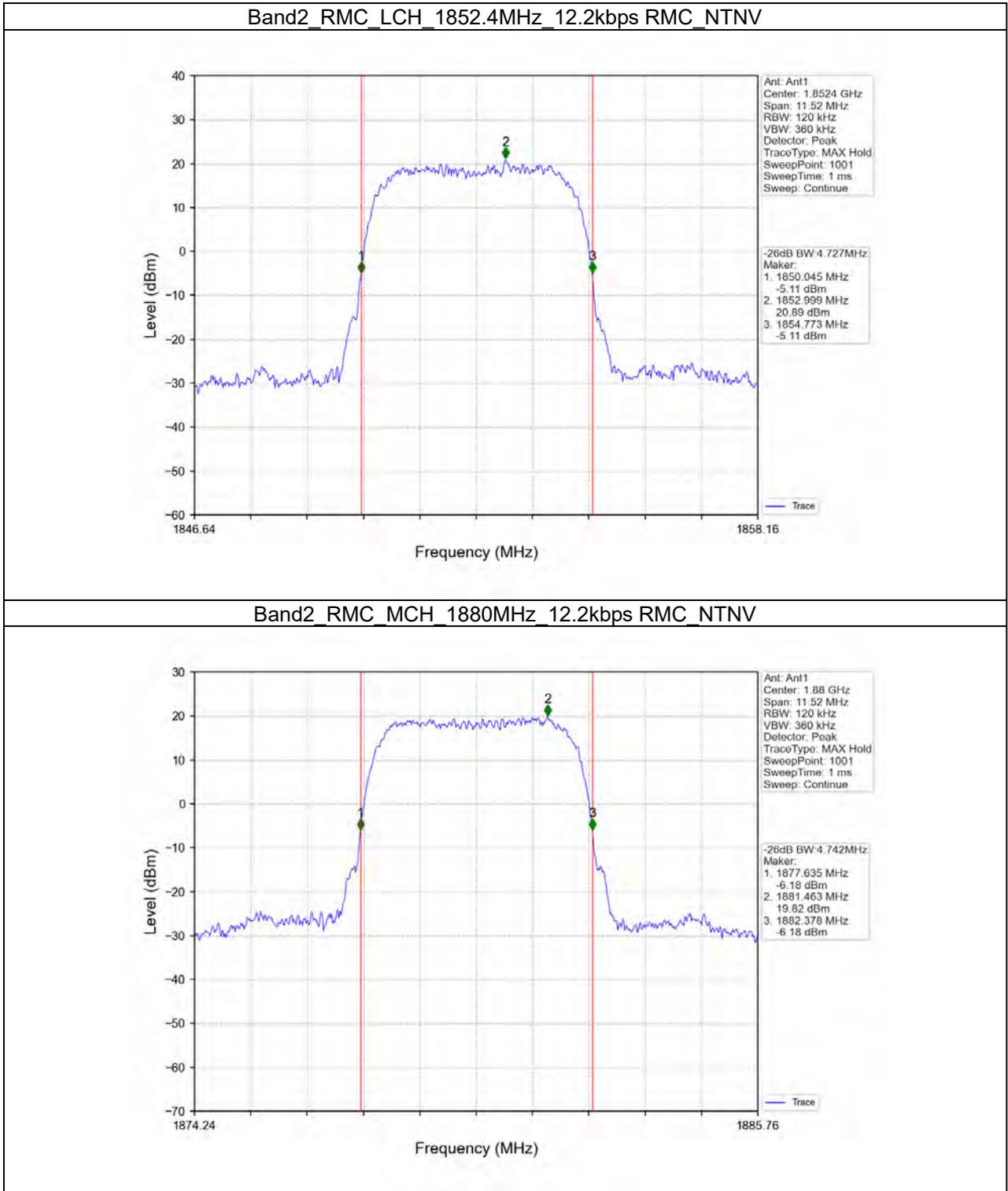
Band: 2					
ENV	Mode		Frequency (MHz)	26dB Bandwidth (MHz)	Verdict
	Network	Subset		Result	
NTNV	RMC	12.2kbps RMC	1852.4	4.727	Pass
			1880	4.742	Pass
			1907.6	4.754	Pass



BUREAU VERITAS

Test Report No.: W7L-P21100027RF15

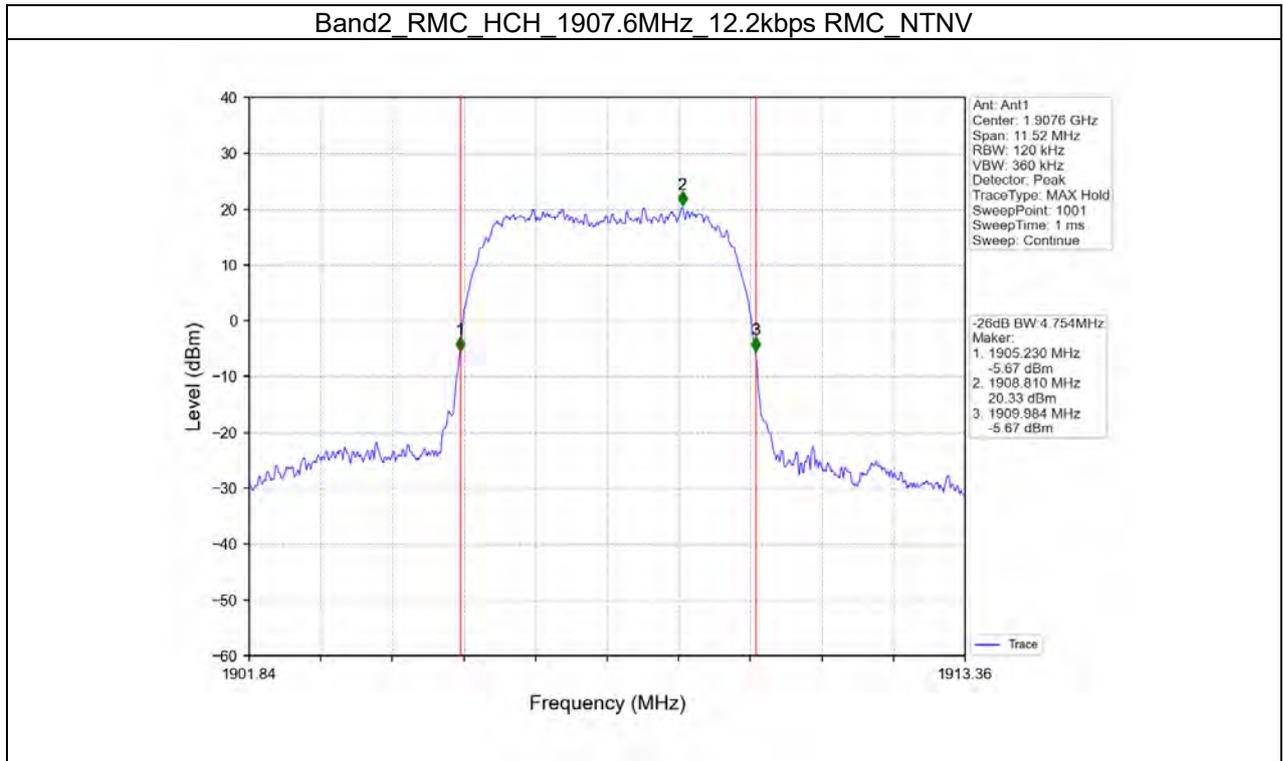
Test Graph





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Test Report No.: W7L-P21100027RF15





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Test Report No.: W7L-P21100027RF15

Peak-Average Ratio

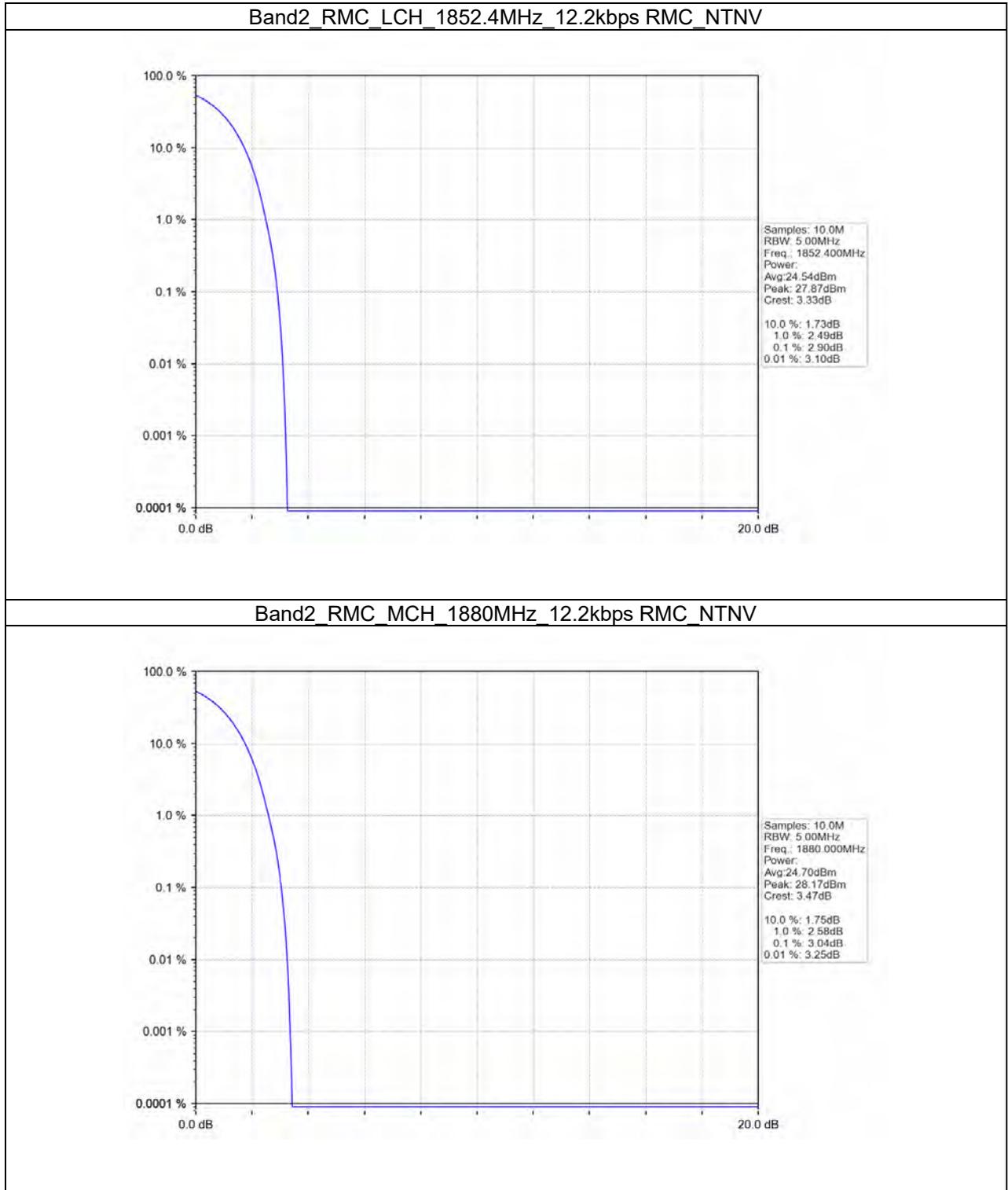
Band2

Test Result

Band: 2						
ENV	Mode		Frequency (MHz)	Peak-Average Ratio (dB)		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	2.90	<=13	Pass
			1880	3.04	<=13	Pass
			1907.6	2.78	<=13	Pass



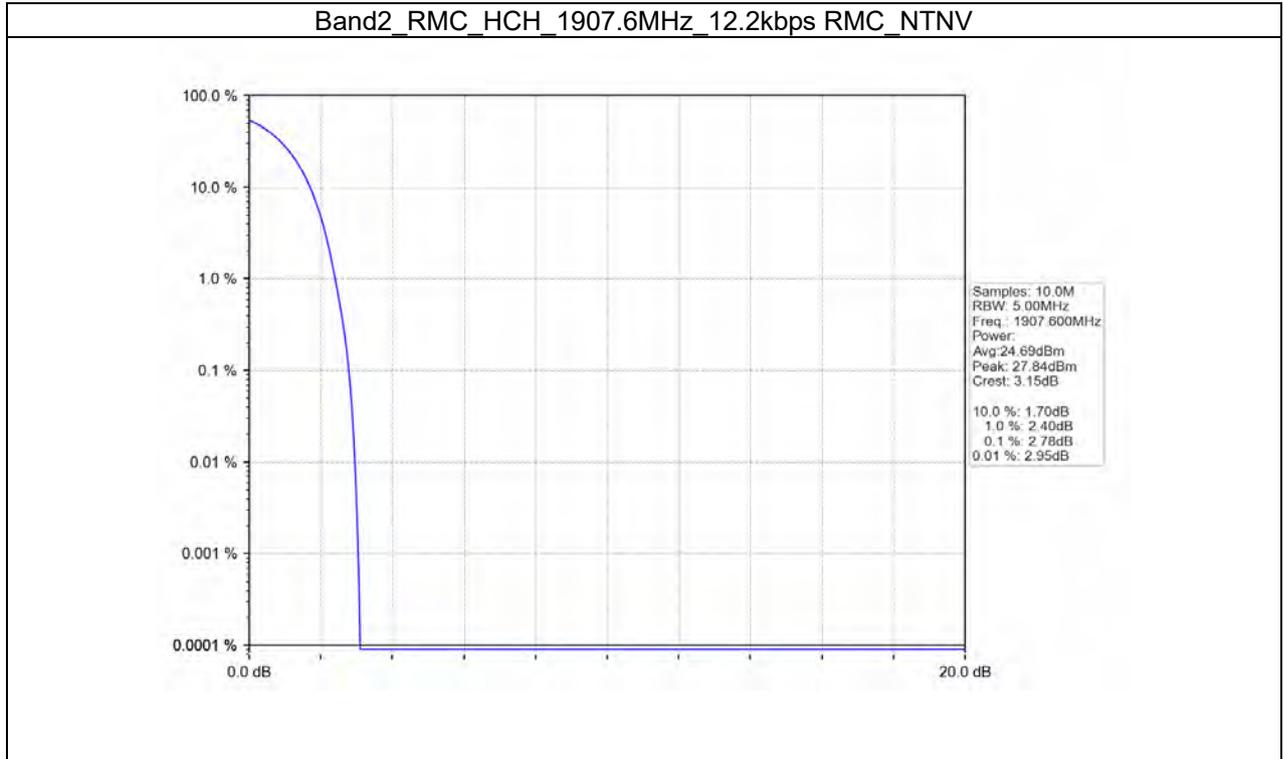
Test Graph





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Test Report No.: W7L-P21100027RF15





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Test Report No.: W7L-P21100027RF15

Spurious Emission

Band2

Test Result

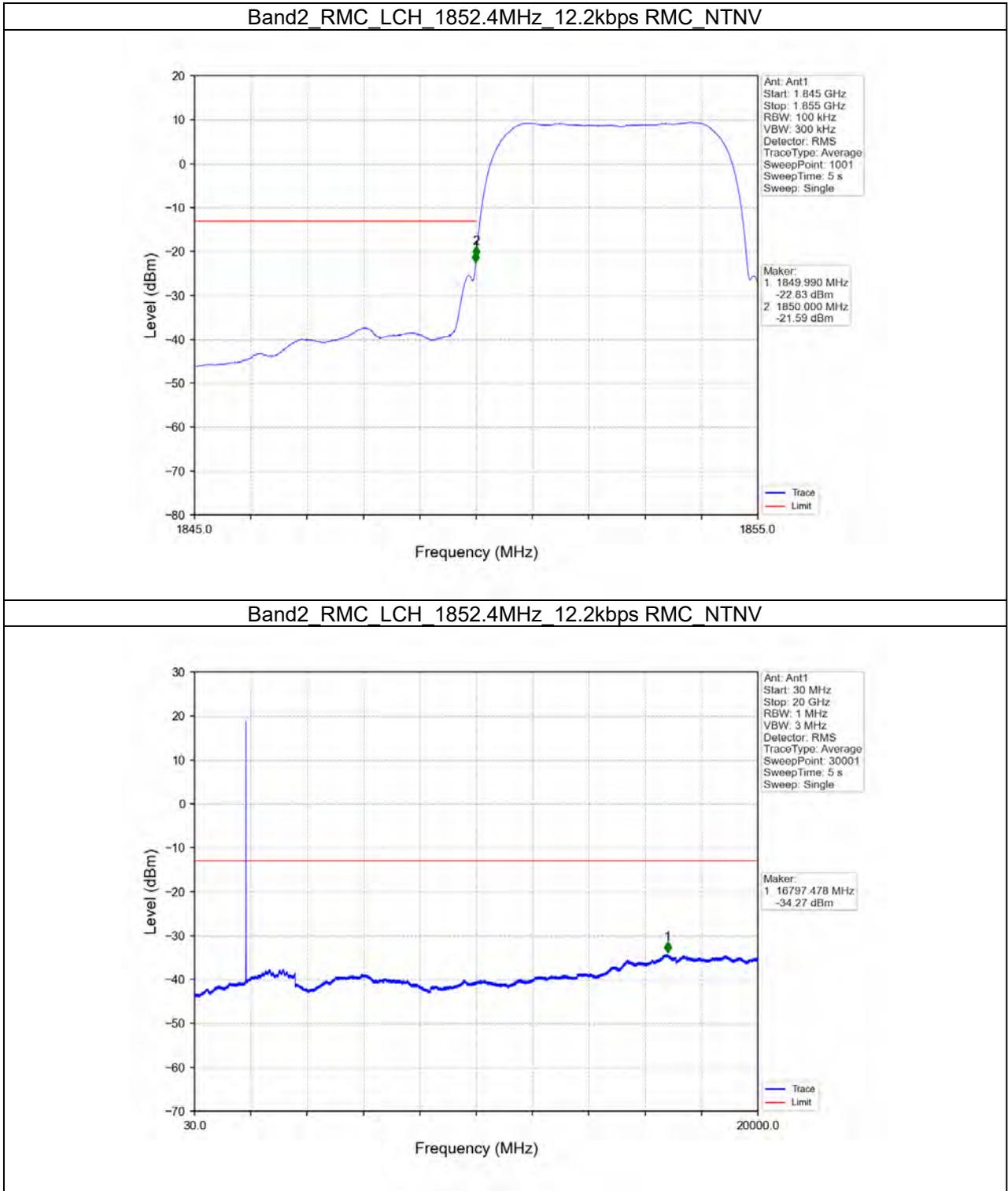
Band: 2						
ENV	Mode		Frequency (MHz)	Spurious Emission		Verdict
	Network	Subset		Result	Limit	
NTNV	RMC	12.2kbps RMC	1852.4	Refer To Test Graph		Pass
			1880	Refer To Test Graph		Pass
			1907.6	Refer To Test Graph		Pass



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VERITAS

Test Report No.: W7L-P21100027RF15

Test Graph

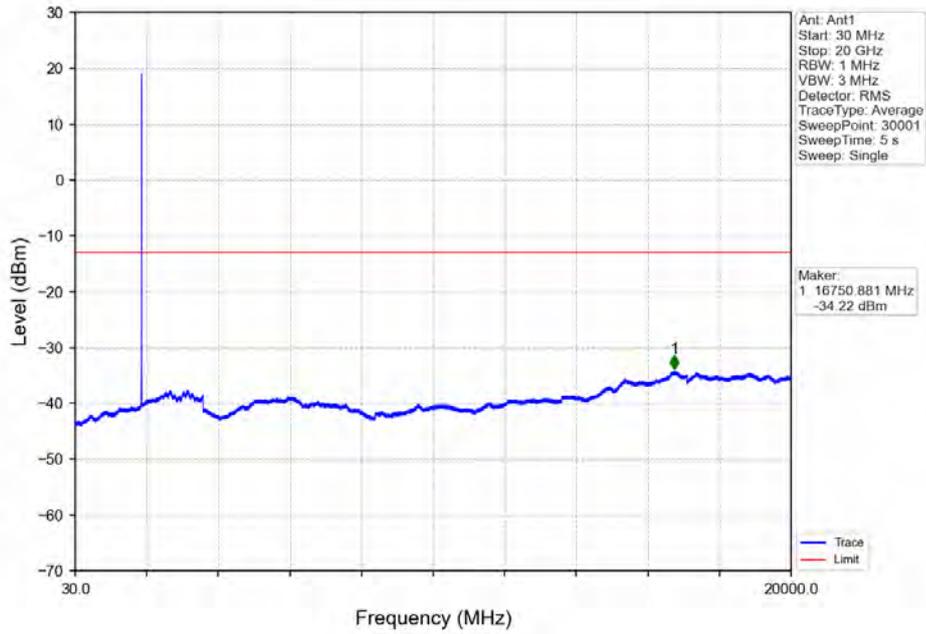




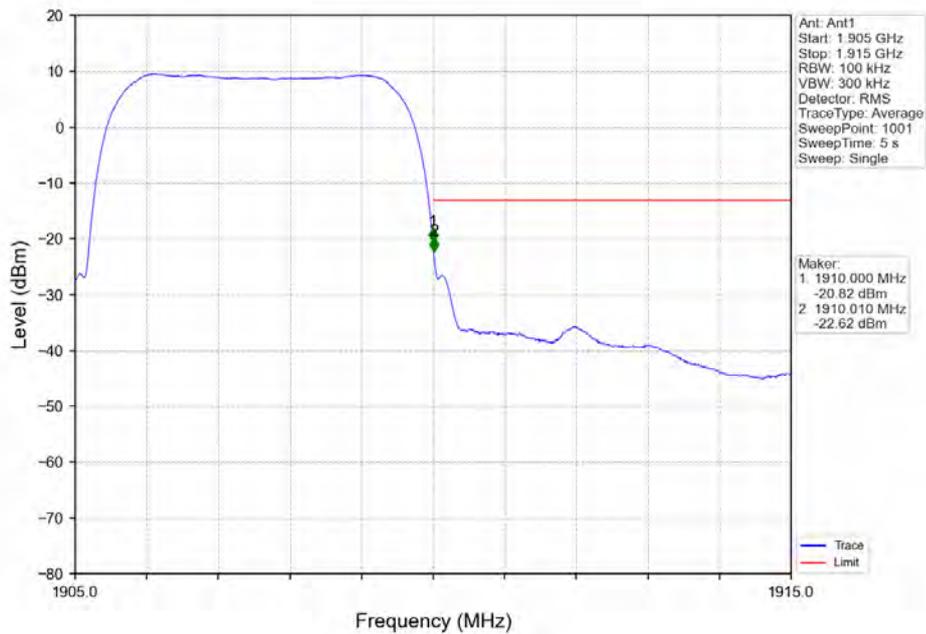
BUREAU VERITAS

Test Report No.: W7L-P21100027RF15

Band2_RMC_MCH_1880MHz_12.2kbps RMC_NTNV



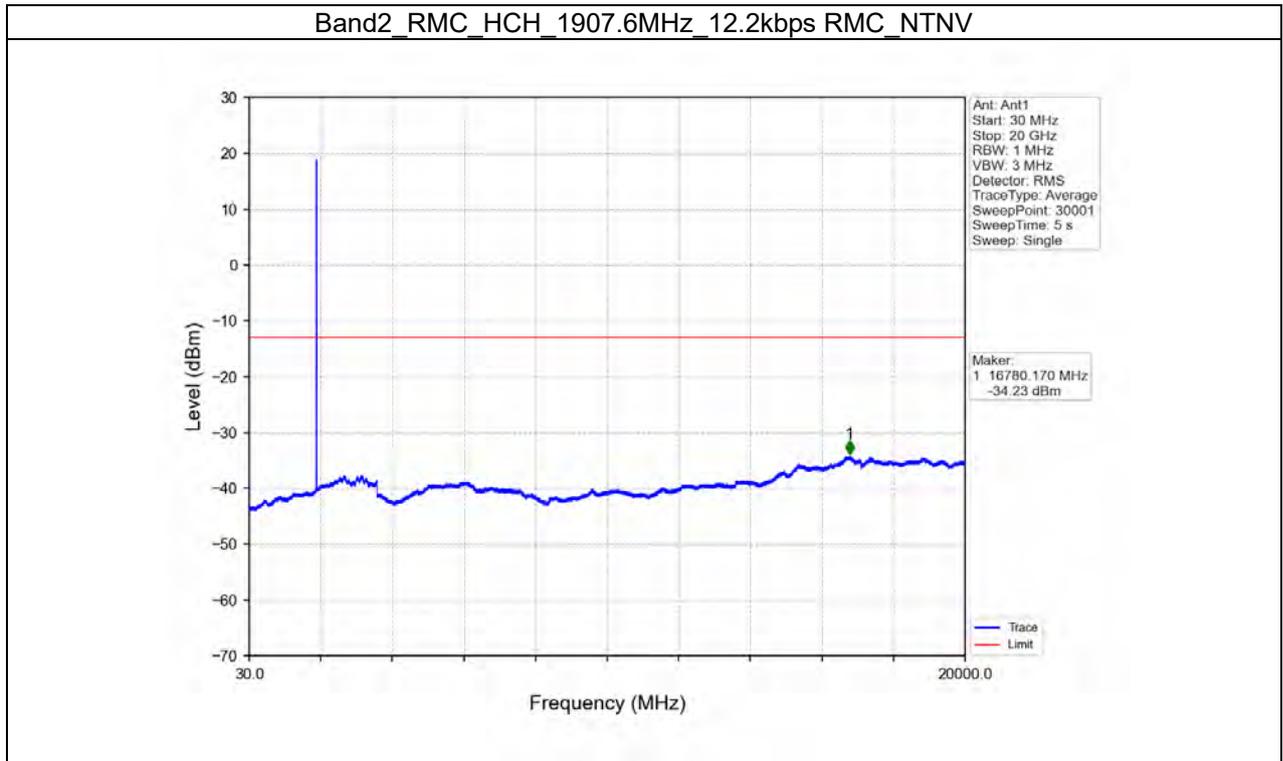
Band2_RMC_HCH_1907.6MHz_12.2kbps RMC_NTNV





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Test Report No.: W7L-P21100027RF15





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	2.86	0.00	-2.5 to 2.5	Pass
					3.85	8.97	0.00	-2.5 to 2.5	Pass
					4.43	5.61	0.00	-2.5 to 2.5	Pass
				-30	3.85	9.61	0.01	-2.5 to 2.5	Pass
				-20	3.85	8.87	0.00	-2.5 to 2.5	Pass
				-10	3.85	10.37	0.01	-2.5 to 2.5	Pass
				0	3.85	9.40	0.01	-2.5 to 2.5	Pass
				10	3.85	8.55	0.00	-2.5 to 2.5	Pass
				30	3.85	8.27	0.00	-2.5 to 2.5	Pass
				40	3.85	10.53	0.01	-2.5 to 2.5	Pass
	50	3.85	7.87	0.00	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	4.21	0.00	-2.5 to 2.5	Pass
					3.85	-0.61	-0.00	-2.5 to 2.5	Pass
					4.43	0.11	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.64	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.21	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-15.13	-0.01	-2.5 to 2.5	Pass
				0	3.85	-7.62	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.65	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
	50	3.85	0.76	0.00	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-1.30	-0.00	-2.5 to 2.5	Pass
					3.85	-0.96	-0.00	-2.5 to 2.5	Pass
					4.43	-0.70	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-5.01	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.83	-0.00	-2.5 to 2.5	Pass
				-10	3.85	1.72	0.00	-2.5 to 2.5	Pass
				0	3.85	0.71	0.00	-2.5 to 2.5	Pass
				10	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
30				3.85	-4.06	-0.00	-2.5 to 2.5	Pass	
40				3.85	-1.52	-0.00	-2.5 to 2.5	Pass	
50	3.85	2.20	0.00	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	5.57	0.00	-2.5 to 2.5	Pass
					3.85	8.70	0.00	-2.5 to 2.5	Pass
					4.43	8.96	0.00	-2.5 to 2.5	Pass
				-30	3.85	5.94	0.00	-2.5 to 2.5	Pass
				-20	3.85	3.22	0.00	-2.5 to 2.5	Pass
				-10	3.85	6.14	0.00	-2.5 to 2.5	Pass
				0	3.85	3.50	0.00	-2.5 to 2.5	Pass
10	3.85	-6.04	-0.00	-2.5 to 2.5	Pass				



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VERITAS**

Test Report No.: W7L-P21100027RF15

	1880	6	0	30	3.85	-0.60	-0.00	-2.5 to 2.5	Pass	
				40	3.85	5.57	0.00	-2.5 to 2.5	Pass	
				50	3.85	5.72	0.00	-2.5 to 2.5	Pass	
				20	3.27	2.35	0.00	-2.5 to 2.5	Pass	
					3.85	0.66	0.00	-2.5 to 2.5	Pass	
					4.43	1.96	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-0.56	-0.00	-2.5 to 2.5	Pass	
				-20	3.85	1.34	0.00	-2.5 to 2.5	Pass	
				-10	3.85	2.73	0.00	-2.5 to 2.5	Pass	
	0	3.85	-1.70	-0.00	-2.5 to 2.5	Pass				
	10	3.85	0.07	0.00	-2.5 to 2.5	Pass				
	30	3.85	-0.09	0.00	-2.5 to 2.5	Pass				
	40	3.85	-0.10	-0.00	-2.5 to 2.5	Pass				
	50	3.85	2.93	0.00	-2.5 to 2.5	Pass				
	1909.3	6	0	20	3.27	2.10	0.00	-2.5 to 2.5	Pass	
					3.85	1.26	0.00	-2.5 to 2.5	Pass	
					4.43	-0.13	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-10.04	-0.01	-2.5 to 2.5	Pass	
				-20	3.85	-0.80	-0.00	-2.5 to 2.5	Pass	
				-10	3.85	-1.02	-0.00	-2.5 to 2.5	Pass	
				0	3.85	-0.81	-0.00	-2.5 to 2.5	Pass	
				10	3.85	3.19	0.00	-2.5 to 2.5	Pass	
				30	3.85	2.93	0.00	-2.5 to 2.5	Pass	
				40	3.85	-1.16	-0.00	-2.5 to 2.5	Pass	
				50	3.85	-0.43	-0.00	-2.5 to 2.5	Pass	
				64QAM	1850.7	6	0	20	3.27	-0.77
	3.85	-2.06	-0.00						-2.5 to 2.5	Pass
	4.43	1.42	0.00						-2.5 to 2.5	Pass
	-30	3.85	-0.03					0.00	-2.5 to 2.5	Pass
	-20	3.85	-0.44					-0.00	-2.5 to 2.5	Pass
-10	3.85	3.30	0.00					-2.5 to 2.5	Pass	
0	3.85	-3.06	-0.00					-2.5 to 2.5	Pass	
10	3.85	0.07	0.00					-2.5 to 2.5	Pass	
30	3.85	-0.76	-0.00					-2.5 to 2.5	Pass	
40	3.85	-1.67	-0.00		-2.5 to 2.5	Pass				
50	3.85	-2.02	-0.00		-2.5 to 2.5	Pass				
1880	6	0	20		3.27	3.52	0.00	-2.5 to 2.5	Pass	
					3.85	1.80	0.00	-2.5 to 2.5	Pass	
					4.43	-0.13	-0.00	-2.5 to 2.5	Pass	
			-30		3.85	2.12	0.00	-2.5 to 2.5	Pass	
			-20		3.85	2.66	0.00	-2.5 to 2.5	Pass	
			-10		3.85	-15.31	-0.01	-2.5 to 2.5	Pass	
			0		3.85	-4.15	-0.00	-2.5 to 2.5	Pass	
			10		3.85	-2.15	-0.00	-2.5 to 2.5	Pass	
			30		3.85	-1.76	-0.00	-2.5 to 2.5	Pass	
40	3.85	0.94	0.00		-2.5 to 2.5	Pass				
50	3.85	0.37	0.00		-2.5 to 2.5	Pass				
1909.3	6	0	20		3.27	-4.49	-0.00	-2.5 to 2.5	Pass	
					3.85	-7.15	-0.00	-2.5 to 2.5	Pass	
					4.43	-5.62	-0.00	-2.5 to 2.5	Pass	
			-30		3.85	0.17	0.00	-2.5 to 2.5	Pass	
			-20		3.85	-3.92	-0.00	-2.5 to 2.5	Pass	
			-10	3.85	2.32	0.00	-2.5 to 2.5	Pass		



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

				0	3.85	-4.19	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.87	-0.00	-2.5 to 2.5	Pass
				40	3.85	1.27	0.00	-2.5 to 2.5	Pass
				50	3.85	-2.03	-0.00	-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	-27.98	-0.02	-2.5 to 2.5	Pass
					3.85	-12.30	-0.01	-2.5 to 2.5	Pass
					4.43	-6.47	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.56	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-5.34	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.56	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.05	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.93	-0.00	-2.5 to 2.5	Pass
				30	3.85	4.68	0.00	-2.5 to 2.5	Pass
				40	3.85	1.93	0.00	-2.5 to 2.5	Pass
	50	3.85	0.40	0.00	-2.5 to 2.5	Pass			
	1880	15	0	20	3.27	-0.13	-0.00	-2.5 to 2.5	Pass
					3.85	-3.49	-0.00	-2.5 to 2.5	Pass
					4.43	-0.39	-0.00	-2.5 to 2.5	Pass
				-30	3.85	4.85	0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.59	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.39	0.00	-2.5 to 2.5	Pass
				0	3.85	4.11	0.00	-2.5 to 2.5	Pass
				10	3.85	4.71	0.00	-2.5 to 2.5	Pass
				30	3.85	2.70	0.00	-2.5 to 2.5	Pass
				40	3.85	2.90	0.00	-2.5 to 2.5	Pass
	50	3.85	2.63	0.00	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	-2.03	-0.00	-2.5 to 2.5	Pass
					3.85	-8.10	-0.00	-2.5 to 2.5	Pass
					4.43	-2.46	-0.00	-2.5 to 2.5	Pass
				-30	3.85	0.76	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.52	-0.00	-2.5 to 2.5	Pass
				-10	3.85	2.05	0.00	-2.5 to 2.5	Pass
				0	3.85	1.96	0.00	-2.5 to 2.5	Pass
				10	3.85	1.19	0.00	-2.5 to 2.5	Pass
30				3.85	0.83	0.00	-2.5 to 2.5	Pass	
40				3.85	0.34	0.00	-2.5 to 2.5	Pass	
50	3.85	1.17	0.00	-2.5 to 2.5	Pass				
16QAM	1851.5	15	0	20	3.27	-1.32	-0.00	-2.5 to 2.5	Pass
					3.85	-2.90	-0.00	-2.5 to 2.5	Pass
					4.43	2.35	0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.84	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.46	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.42	0.00	-2.5 to 2.5	Pass
				0	3.85	-4.31	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.61	-0.00	-2.5 to 2.5	Pass



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

	1880	15	0	30	3.85	1.59	0.00	-2.5 to 2.5	Pass	
				40	3.85	-4.36	-0.00	-2.5 to 2.5	Pass	
				50	3.85	-0.29	-0.00	-2.5 to 2.5	Pass	
				20	3.27	3.62	0.00	-2.5 to 2.5	Pass	
					3.85	2.20	0.00	-2.5 to 2.5	Pass	
					4.43	-2.09	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.63	-0.00	-2.5 to 2.5	Pass	
				-20	3.85	0.33	0.00	-2.5 to 2.5	Pass	
				-10	3.85	-4.03	-0.00	-2.5 to 2.5	Pass	
	0	3.85	2.58	0.00	-2.5 to 2.5	Pass				
	10	3.85	0.81	0.00	-2.5 to 2.5	Pass				
	30	3.85	-0.86	-0.00	-2.5 to 2.5	Pass				
	40	3.85	-3.22	-0.00	-2.5 to 2.5	Pass				
	50	3.85	-0.10	-0.00	-2.5 to 2.5	Pass				
	1908.5	15	0	20	3.27	-1.25	-0.00	-2.5 to 2.5	Pass	
					3.85	3.30	0.00	-2.5 to 2.5	Pass	
					4.43	1.86	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-0.37	-0.00	-2.5 to 2.5	Pass	
				-20	3.85	1.54	0.00	-2.5 to 2.5	Pass	
				-10	3.85	-1.46	-0.00	-2.5 to 2.5	Pass	
				0	3.85	0.16	0.00	-2.5 to 2.5	Pass	
				10	3.85	-4.45	-0.00	-2.5 to 2.5	Pass	
				30	3.85	-1.60	-0.00	-2.5 to 2.5	Pass	
	40	3.85	1.77	0.00	-2.5 to 2.5	Pass				
	50	3.85	-0.52	-0.00	-2.5 to 2.5	Pass				
	64QAM	1851.5	15	0	20	3.27	-6.62	-0.00	-2.5 to 2.5	Pass
						3.85	-4.12	-0.00	-2.5 to 2.5	Pass
						4.43	-4.55	-0.00	-2.5 to 2.5	Pass
					-30	3.85	-3.36	-0.00	-2.5 to 2.5	Pass
					-20	3.85	-1.70	-0.00	-2.5 to 2.5	Pass
-10					3.85	-1.72	-0.00	-2.5 to 2.5	Pass	
0					3.85	-0.66	-0.00	-2.5 to 2.5	Pass	
10					3.85	-0.86	-0.00	-2.5 to 2.5	Pass	
30					3.85	-3.82	-0.00	-2.5 to 2.5	Pass	
40		3.85	-0.66	-0.00	-2.5 to 2.5	Pass				
50		3.85	-3.86	-0.00	-2.5 to 2.5	Pass				
1880		15	0	20	3.27	0.67	0.00	-2.5 to 2.5	Pass	
					3.85	1.14	0.00	-2.5 to 2.5	Pass	
					4.43	-0.77	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-4.15	-0.00	-2.5 to 2.5	Pass	
				-20	3.85	-3.59	-0.00	-2.5 to 2.5	Pass	
				-10	3.85	1.12	0.00	-2.5 to 2.5	Pass	
				0	3.85	-1.54	-0.00	-2.5 to 2.5	Pass	
				10	3.85	-0.59	-0.00	-2.5 to 2.5	Pass	
				30	3.85	-3.82	-0.00	-2.5 to 2.5	Pass	
40		3.85	-5.79	-0.00	-2.5 to 2.5	Pass				
50		3.85	-5.49	-0.00	-2.5 to 2.5	Pass				
1908.5		15	0	20	3.27	0.06	0.00	-2.5 to 2.5	Pass	
					3.85	-1.39	-0.00	-2.5 to 2.5	Pass	
					4.43	0.52	0.00	-2.5 to 2.5	Pass	
				-30	3.85	-0.73	-0.00	-2.5 to 2.5	Pass	
				-20	3.85	4.18	0.00	-2.5 to 2.5	Pass	
-10		3.85	-1.75	-0.00	-2.5 to 2.5	Pass				



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

				0	3.85	-0.83	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.12	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.90	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.43	-0.00	-2.5 to 2.5	Pass
				50	3.85	-0.07	0.00	-2.5 to 2.5	Pass

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	-3.32	-0.00	-2.5 to 2.5	Pass								
					3.85	-7.34	-0.00	-2.5 to 2.5	Pass								
					4.43	-5.91	-0.00	-2.5 to 2.5	Pass								
				1880	25	0	20	3.85	-1.19	-0.00	-2.5 to 2.5	Pass					
								-20	3.85	-22.02	-0.01	-2.5 to 2.5	Pass				
								-10	3.85	-4.02	-0.00	-2.5 to 2.5	Pass				
							1907.5	25	0	0	3.85	-4.54	-0.00	-2.5 to 2.5	Pass		
											10	3.85	-1.32	-0.00	-2.5 to 2.5	Pass	
											30	3.85	-4.11	-0.00	-2.5 to 2.5	Pass	
	1852.5	25	0							40	3.85	-2.13	-0.00	-2.5 to 2.5	Pass		
											50	3.85	-2.43	-0.00	-2.5 to 2.5	Pass	
											20	3.27	0.71	0.00	-2.5 to 2.5	Pass	
				1880	25	0				20	3.85	-3.29	-0.00	-2.5 to 2.5	Pass		
											4.43	-0.64	-0.00	-2.5 to 2.5	Pass		
											-30	3.85	-4.22	-0.00	-2.5 to 2.5	Pass	
							1907.5	25	0	-20	3.85	1.52	0.00	-2.5 to 2.5	Pass		
											-10	3.85	-1.87	-0.00	-2.5 to 2.5	Pass	
											0	3.85	-0.37	-0.00	-2.5 to 2.5	Pass	
	1852.5	25	0							10	3.85	1.79	0.00	-2.5 to 2.5	Pass		
											30	3.85	-0.80	-0.00	-2.5 to 2.5	Pass	
											40	3.85	2.70	0.00	-2.5 to 2.5	Pass	
				1852.5	25	0				50	3.85	0.39	0.00	-2.5 to 2.5	Pass		
											20	3.27	5.58	0.00	-2.5 to 2.5	Pass	
											3.85	-3.02	-0.00	-2.5 to 2.5	Pass		
							16QAM	1852.5	25	0	20	4.43	2.72	0.00	-2.5 to 2.5	Pass	
												-30	3.85	-1.32	-0.00	-2.5 to 2.5	Pass
												-20	3.85	0.37	0.00	-2.5 to 2.5	Pass
1852.5	25	0	-10								3.85	0.73	0.00	-2.5 to 2.5	Pass		
											0	3.85	0.66	0.00	-2.5 to 2.5	Pass	
											10	3.85	2.00	0.00	-2.5 to 2.5	Pass	
			0	3.85	0.60	0.00					-2.5 to 2.5	Pass					
				3.85	0.06	0.00					-2.5 to 2.5	Pass					
				3.85	0.76	0.00					-2.5 to 2.5	Pass					
1852.5	25	0	20	3.27	-3.39	-0.00	-2.5 to 2.5	Pass									
				3.85	-5.01	-0.00	-2.5 to 2.5	Pass									
				4.43	-2.77	-0.00	-2.5 to 2.5	Pass									
			-30	3.85	-5.59	-0.00	-2.5 to 2.5	Pass									
				3.85	-6.55	-0.00	-2.5 to 2.5	Pass									
				3.85	-3.62	-0.00	-2.5 to 2.5	Pass									
1852.5	25	0	0	3.85	-4.45	-0.00	-2.5 to 2.5	Pass									



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

				-10	3.85	1.40	0.00	-2.5 to 2.5	Pass
				0	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
				10	3.85	0.64	0.00	-2.5 to 2.5	Pass
				30	3.85	-4.54	-0.00	-2.5 to 2.5	Pass
				40	3.85	3.00	0.00	-2.5 to 2.5	Pass
				50	3.85	1.89	0.00	-2.5 to 2.5	Pass

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	-6.52	-0.00	-2.5 to 2.5	Pass	
					3.85	-6.39	-0.00	-2.5 to 2.5	Pass	
					4.43	-5.14	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.73	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-1.33	-0.00	-2.5 to 2.5	Pass
						-10	3.85	-3.50	-0.00	-2.5 to 2.5
				0	3.85	-3.79	-0.00	-2.5 to 2.5	Pass	
					10	3.85	-2.59	-0.00	-2.5 to 2.5	Pass
				30	3.85	-6.25	-0.00	-2.5 to 2.5	Pass	
	40	3.85	-4.11	-0.00	-2.5 to 2.5	Pass				
	50	3.85	-2.77	-0.00	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-1.97	-0.00	-2.5 to 2.5	Pass	
					3.85	-4.16	-0.00	-2.5 to 2.5	Pass	
					4.43	-2.67	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	-2.63	-0.00	-2.5 to 2.5	Pass	
					-20	3.85	-2.63	-0.00	-2.5 to 2.5	Pass
						-10	3.85	0.76	0.00	-2.5 to 2.5
				0	3.85	-2.29	-0.00	-2.5 to 2.5	Pass	
					10	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.40	-0.00	-2.5 to 2.5	Pass	
	40	3.85	-2.52	-0.00	-2.5 to 2.5	Pass				
	50	3.85	-0.71	-0.00	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	0.80	0.00	-2.5 to 2.5	Pass	
					3.85	-1.53	-0.00	-2.5 to 2.5	Pass	
					4.43	-2.25	-0.00	-2.5 to 2.5	Pass	
				-30	3.85	1.95	0.00	-2.5 to 2.5	Pass	
					-20	3.85	0.90	0.00	-2.5 to 2.5	Pass
-10						3.85	1.12	0.00	-2.5 to 2.5	Pass
0				3.85	0.79	0.00	-2.5 to 2.5	Pass		
				10	3.85	0.86	0.00	-2.5 to 2.5	Pass	
30				3.85	-0.77	-0.00	-2.5 to 2.5	Pass		
40	3.85	0.61	0.00	-2.5 to 2.5	Pass					
50	3.85	-0.63	-0.00	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.27	-6.19	-0.00	-2.5 to 2.5	Pass	
					3.85	-3.73	-0.00	-2.5 to 2.5	Pass	
					4.43	-5.89	-0.00	-2.5 to 2.5	Pass	



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

64QAM				-30	3.85	-5.09	-0.00	-2.5 to 2.5	Pass		
				-20	3.85	-5.95	-0.00	-2.5 to 2.5	Pass		
				-10	3.85	-5.94	-0.00	-2.5 to 2.5	Pass		
				0	3.85	-3.19	-0.00	-2.5 to 2.5	Pass		
				10	3.85	-3.62	-0.00	-2.5 to 2.5	Pass		
				30	3.85	-5.42	-0.00	-2.5 to 2.5	Pass		
				40	3.85	-2.58	-0.00	-2.5 to 2.5	Pass		
				50	3.85	-4.63	-0.00	-2.5 to 2.5	Pass		
	1880	50	0	20	3.27	-2.45	-0.00	-2.5 to 2.5	Pass		
					3.85	-0.54	-0.00	-2.5 to 2.5	Pass		
					4.43	-0.54	-0.00	-2.5 to 2.5	Pass		
				-30	3.85	-2.80	-0.00	-2.5 to 2.5	Pass		
				-20	3.85	-1.02	-0.00	-2.5 to 2.5	Pass		
				-10	3.85	-4.35	-0.00	-2.5 to 2.5	Pass		
				0	3.85	-0.94	-0.00	-2.5 to 2.5	Pass		
				10	3.85	-0.86	-0.00	-2.5 to 2.5	Pass		
				30	3.85	-2.06	-0.00	-2.5 to 2.5	Pass		
				40	3.85	-4.41	-0.00	-2.5 to 2.5	Pass		
				50	3.85	-2.89	-0.00	-2.5 to 2.5	Pass		
				1905	50	0	20	3.27	1.39	0.00	-2.5 to 2.5
	3.85	0.99	0.00					-2.5 to 2.5	Pass		
	4.43	1.26	0.00					-2.5 to 2.5	Pass		
	-30	3.85	-3.29				-0.00	-2.5 to 2.5	Pass		
	-20	3.85	-0.24				-0.00	-2.5 to 2.5	Pass		
	-10	3.85	-0.13				-0.00	-2.5 to 2.5	Pass		
	0	3.85	-2.17				-0.00	-2.5 to 2.5	Pass		
	10	3.85	-3.23				-0.00	-2.5 to 2.5	Pass		
	30	3.85	-4.25				-0.00	-2.5 to 2.5	Pass		
	40	3.85	-4.69				-0.00	-2.5 to 2.5	Pass		
	50	3.85	-3.72				-0.00	-2.5 to 2.5	Pass		
	1855	50	0				20	3.27	-7.35	-0.00	-2.5 to 2.5
				3.85	-4.79	-0.00		-2.5 to 2.5	Pass		
				4.43	-4.00	-0.00		-2.5 to 2.5	Pass		
-30				3.85	-6.24	-0.00	-2.5 to 2.5	Pass			
-20				3.85	-6.25	-0.00	-2.5 to 2.5	Pass			
-10				3.85	-6.70	-0.00	-2.5 to 2.5	Pass			
0				3.85	-4.42	-0.00	-2.5 to 2.5	Pass			
10				3.85	-1.70	-0.00	-2.5 to 2.5	Pass			
30				3.85	-5.79	-0.00	-2.5 to 2.5	Pass			
40				3.85	-3.40	-0.00	-2.5 to 2.5	Pass			
50				3.85	-5.84	-0.00	-2.5 to 2.5	Pass			
1880				50	0	20	3.27	-0.74	-0.00	-2.5 to 2.5	Pass
							3.85	0.69	0.00	-2.5 to 2.5	Pass
							4.43	-0.92	-0.00	-2.5 to 2.5	Pass
						-30	3.85	-1.95	-0.00	-2.5 to 2.5	Pass
						-20	3.85	-1.84	-0.00	-2.5 to 2.5	Pass
						-10	3.85	-5.25	-0.00	-2.5 to 2.5	Pass
						0	3.85	-2.16	-0.00	-2.5 to 2.5	Pass
						10	3.85	-5.36	-0.00	-2.5 to 2.5	Pass
						30	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
						40	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
						50	3.85	1.50	0.00	-2.5 to 2.5	Pass
						1905	50	0	20	3.27	-0.29



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

					3.85	-1.67	-0.00	-2.5 to 2.5	Pass
					4.43	0.36	0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.90	-0.00	-2.5 to 2.5	Pass
				-20	3.85	1.10	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.53	0.00	-2.5 to 2.5	Pass
				0	3.85	-5.39	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.22	-0.00	-2.5 to 2.5	Pass
				30	3.85	-5.52	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.79	-0.00	-2.5 to 2.5	Pass
				50	3.85	-4.98	-0.00	-2.5 to 2.5	Pass

2.5 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	-8.65	-0.00	-2.5 to 2.5	Pass
					3.85	-5.34	-0.00	-2.5 to 2.5	Pass
					4.43	-3.26	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.92	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.03	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.93	-0.00	-2.5 to 2.5	Pass
				10	3.85	-3.29	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.02	-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.05	-0.00	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-1.32	-0.00	-2.5 to 2.5	Pass
					3.85	-4.26	-0.00	-2.5 to 2.5	Pass
					4.43	-1.29	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.65	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.67	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.10	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.69	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.56	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.20	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.30	0.00	-2.5 to 2.5	Pass
	50	3.85	-0.30	-0.00	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-3.99	-0.00	-2.5 to 2.5	Pass
					3.85	3.75	0.00	-2.5 to 2.5	Pass
					4.43	1.30	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.47	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.63	0.00	-2.5 to 2.5	Pass
-10				3.85	1.07	0.00	-2.5 to 2.5	Pass	
0				3.85	0.01	0.00	-2.5 to 2.5	Pass	
10				3.85	-2.83	-0.00	-2.5 to 2.5	Pass	
30				3.85	-2.19	-0.00	-2.5 to 2.5	Pass	
40				3.85	-0.83	-0.00	-2.5 to 2.5	Pass	
50	3.85	1.20	0.00	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-2.92	-0.00	-2.5 to 2.5	Pass



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Test Report No.: W7L-P21100027RF15

64QAM					3.85	-6.39	-0.00	-2.5 to 2.5	Pass
					4.43	-4.85	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-6.04	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.28	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-4.09	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.32	-0.00	-2.5 to 2.5	Pass
				10	3.85	-1.52	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.49	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.93	-0.00	-2.5 to 2.5	Pass
				50	3.85	-3.55	-0.00	-2.5 to 2.5	Pass
	1880	75	0	20	3.27	-4.59	-0.00	-2.5 to 2.5	Pass
					3.85	-3.60	-0.00	-2.5 to 2.5	Pass
					4.43	-2.90	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.87	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.05	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.88	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.71	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.45	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.87	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.68	-0.00	-2.5 to 2.5	Pass
	50	3.85	-1.89	-0.00	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-1.40	-0.00	-2.5 to 2.5	Pass
					3.85	0.83	0.00	-2.5 to 2.5	Pass
					4.43	0.27	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.10	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.26	0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.54	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.29	-0.00	-2.5 to 2.5	Pass
10				3.85	-0.93	-0.00	-2.5 to 2.5	Pass	
30				3.85	0.76	0.00	-2.5 to 2.5	Pass	
40				3.85	1.32	0.00	-2.5 to 2.5	Pass	
50	3.85	3.63	0.00	-2.5 to 2.5	Pass				
	1857.5	75	0	20	3.27	-3.48	-0.00	-2.5 to 2.5	Pass
					3.85	-4.00	-0.00	-2.5 to 2.5	Pass
					4.43	-3.02	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-1.83	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.98	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.72	-0.00	-2.5 to 2.5	Pass
				0	3.85	-4.91	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.63	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.52	-0.00	-2.5 to 2.5	Pass
				40	3.85	-6.51	-0.00	-2.5 to 2.5	Pass
	50	3.85	-3.35	-0.00	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-3.72	-0.00	-2.5 to 2.5	Pass
					3.85	-2.25	-0.00	-2.5 to 2.5	Pass
					4.43	-0.70	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.43	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-4.88	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.01	0.00	-2.5 to 2.5	Pass
				0	3.85	-2.43	-0.00	-2.5 to 2.5	Pass
10				3.85	-2.88	-0.00	-2.5 to 2.5	Pass	
30	3.85	0.36	0.00	-2.5 to 2.5	Pass				
40	3.85	-0.06	0.00	-2.5 to 2.5	Pass				



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VERITAS**

Test Report No.: W7L-P21100027RF15

	1902.5	75	0	50	3.85	1.29	0.00	-2.5 to 2.5	Pass
				20	3.27	3.16	0.00	-2.5 to 2.5	Pass
					3.85	0.61	0.00	-2.5 to 2.5	Pass
					4.43	0.04	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.14	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
				-10	3.85	3.10	0.00	-2.5 to 2.5	Pass
				0	3.85	0.76	0.00	-2.5 to 2.5	Pass
				10	3.85	0.81	0.00	-2.5 to 2.5	Pass
				30	3.85	2.15	0.00	-2.5 to 2.5	Pass
				40	3.85	0.36	0.00	-2.5 to 2.5	Pass
				50	3.85	2.03	0.00	-2.5 to 2.5	Pass

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	-4.93	-0.00	-2.5 to 2.5	Pass
					3.85	-3.78	-0.00	-2.5 to 2.5	Pass
					4.43	-1.26	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-4.31	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.55	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.30	-0.00	-2.5 to 2.5	Pass
				0	3.85	-5.29	-0.00	-2.5 to 2.5	Pass
				10	3.85	-8.18	-0.00	-2.5 to 2.5	Pass
				30	3.85	-3.02	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.86	-0.00	-2.5 to 2.5	Pass
	50	3.85	-4.63	-0.00	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-3.40	-0.00	-2.5 to 2.5	Pass
					3.85	-1.50	-0.00	-2.5 to 2.5	Pass
					4.43	-1.79	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.50	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.08	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-2.09	-0.00	-2.5 to 2.5	Pass
				0	3.85	-0.41	-0.00	-2.5 to 2.5	Pass
				10	3.85	-0.87	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.46	-0.00	-2.5 to 2.5	Pass
				40	3.85	-3.42	-0.00	-2.5 to 2.5	Pass
	50	3.85	-3.90	-0.00	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-4.78	-0.00	-2.5 to 2.5	Pass
					3.85	-3.06	-0.00	-2.5 to 2.5	Pass
					4.43	1.04	0.00	-2.5 to 2.5	Pass
				-30	3.85	0.71	0.00	-2.5 to 2.5	Pass
				-20	3.85	-0.70	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-1.16	-0.00	-2.5 to 2.5	Pass
				0	3.85	2.19	0.00	-2.5 to 2.5	Pass
				10	3.85	-2.67	-0.00	-2.5 to 2.5	Pass



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VERITAS**

Test Report No.: W7L-P21100027RF15

				30	3.85	-0.49	-0.00	-2.5 to 2.5	Pass				
				40	3.85	-1.50	-0.00	-2.5 to 2.5	Pass				
				50	3.85	-2.36	-0.00	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-1.96	-0.00	-2.5 to 2.5	Pass				
					3.85	-2.43	-0.00	-2.5 to 2.5	Pass				
					4.43	-2.62	-0.00	-2.5 to 2.5	Pass				
								-30	3.85	-3.43	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
								-10	3.85	-3.19	-0.00	-2.5 to 2.5	Pass
								0	3.85	-3.71	-0.00	-2.5 to 2.5	Pass
								10	3.85	-3.05	-0.00	-2.5 to 2.5	Pass
								30	3.85	-3.55	-0.00	-2.5 to 2.5	Pass
								40	3.85	-2.07	-0.00	-2.5 to 2.5	Pass
								50	3.85	-4.23	-0.00	-2.5 to 2.5	Pass
					1880	100	0	20	3.27	0.76	0.00	-2.5 to 2.5	Pass
									3.85	-1.26	-0.00	-2.5 to 2.5	Pass
									4.43	-0.54	-0.00	-2.5 to 2.5	Pass
								-30	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-0.26	-0.00	-2.5 to 2.5	Pass
								-10	3.85	-0.57	-0.00	-2.5 to 2.5	Pass
								0	3.85	-2.48	-0.00	-2.5 to 2.5	Pass
								10	3.85	-3.86	-0.00	-2.5 to 2.5	Pass
								30	3.85	-1.86	-0.00	-2.5 to 2.5	Pass
								40	3.85	-1.62	-0.00	-2.5 to 2.5	Pass
								50	3.85	-0.24	-0.00	-2.5 to 2.5	Pass
		1900	100	0				20	3.27	0.56	0.00	-2.5 to 2.5	Pass
									3.85	2.12	0.00	-2.5 to 2.5	Pass
									4.43	0.32	0.00	-2.5 to 2.5	Pass
								-30	3.85	-2.13	-0.00	-2.5 to 2.5	Pass
								-20	3.85	0.81	0.00	-2.5 to 2.5	Pass
								-10	3.85	-3.08	-0.00	-2.5 to 2.5	Pass
								0	3.85	1.93	0.00	-2.5 to 2.5	Pass
								10	3.85	-4.23	-0.00	-2.5 to 2.5	Pass
							30	3.85	-3.09	-0.00	-2.5 to 2.5	Pass	
							40	3.85	-0.74	-0.00	-2.5 to 2.5	Pass	
							50	3.85	-1.79	-0.00	-2.5 to 2.5	Pass	
64QAM	1860				100	0	20	3.27	-2.42	-0.00	-2.5 to 2.5	Pass	
									3.85	-2.49	-0.00	-2.5 to 2.5	Pass
									4.43	-4.83	-0.00	-2.5 to 2.5	Pass
								-30	3.85	-2.15	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-1.39	-0.00	-2.5 to 2.5	Pass
								-10	3.85	0.03	0.00	-2.5 to 2.5	Pass
								0	3.85	-0.77	-0.00	-2.5 to 2.5	Pass
								10	3.85	-2.03	-0.00	-2.5 to 2.5	Pass
								30	3.85	-1.62	-0.00	-2.5 to 2.5	Pass
								40	3.85	1.07	0.00	-2.5 to 2.5	Pass
								50	3.85	-0.79	-0.00	-2.5 to 2.5	Pass
			1880	100			0	20	3.27	-3.03	-0.00	-2.5 to 2.5	Pass
									3.85	-0.46	-0.00	-2.5 to 2.5	Pass
									4.43	-4.79	-0.00	-2.5 to 2.5	Pass
								-30	3.85	-1.77	-0.00	-2.5 to 2.5	Pass
								-20	3.85	-0.20	-0.00	-2.5 to 2.5	Pass
								-10	3.85	1.77	0.00	-2.5 to 2.5	Pass



**BUREAU
VERITAS**

Test Report No.: W7L-P21100027RF15

				0	3.85	-0.64	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.38	-0.00	-2.5 to 2.5	Pass
				30	3.85	-0.84	-0.00	-2.5 to 2.5	Pass
				40	3.85	-2.86	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.75	-0.00	-2.5 to 2.5	Pass
	1900	100	0	20	3.27	-3.65	-0.00	-2.5 to 2.5	Pass
					3.85	-2.43	-0.00	-2.5 to 2.5	Pass
					4.43	-0.93	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-2.98	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-2.70	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-3.96	-0.00	-2.5 to 2.5	Pass
				0	3.85	1.04	0.00	-2.5 to 2.5	Pass
				10	3.85	1.06	0.00	-2.5 to 2.5	Pass
				30	3.85	-1.39	-0.00	-2.5 to 2.5	Pass
				40	3.85	0.43	0.00	-2.5 to 2.5	Pass
				50	3.85	-3.63	-0.00	-2.5 to 2.5	Pass

99% & 26dB Bandwidth

Band2_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	1.111	Pass
		1880	6	0	1.106	Pass
		1909.3	6	0	1.119	Pass
	16QAM	1850.7	6	0	1.117	Pass
		1880	6	0	1.107	Pass
		1909.3	6	0	1.113	Pass
	64QAM	1850.7	6	0	1.115	Pass
		1880	6	0	1.120	Pass
		1909.3	6	0	1.108	Pass
3	QPSK	1851.5	15	0	2.729	Pass
		1880	15	0	2.729	Pass
		1908.5	15	0	2.728	Pass
	16QAM	1851.5	15	0	2.738	Pass
		1880	15	0	2.731	Pass
		1908.5	15	0	2.729	Pass
	64QAM	1851.5	15	0	2.738	Pass
		1880	15	0	2.719	Pass
		1908.5	15	0	2.728	Pass
5	QPSK	1852.5	25	0	4.557	Pass
		1880	25	0	4.539	Pass
		1907.5	25	0	4.538	Pass
	16QAM	1852.5	25	0	4.533	Pass



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Test Report No.: W7L-P21100027RF15

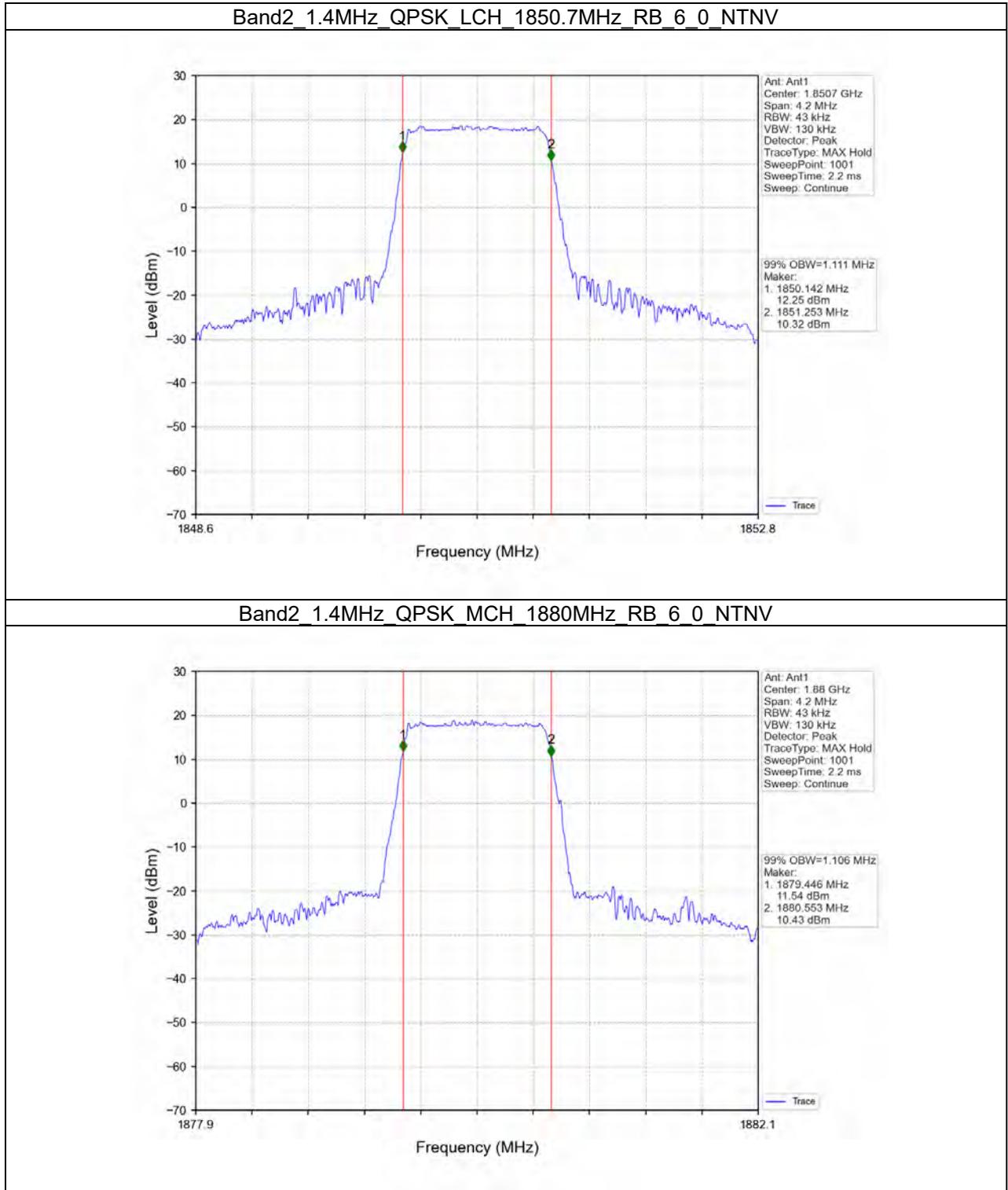
	64QAM	1880	25	0	4.553	Pass
		1907.5	25	0	4.559	Pass
		1852.5	25	0	4.533	Pass
		1880	25	0	4.552	Pass
		1907.5	25	0	4.541	Pass
10	QPSK	1855	50	0	9.058	Pass
		1880	50	0	9.025	Pass
		1905	50	0	9.053	Pass
	16QAM	1855	50	0	9.039	Pass
		1880	50	0	9.064	Pass
		1905	50	0	9.037	Pass
	64QAM	1855	50	0	9.057	Pass
		1880	50	0	9.038	Pass
		1905	50	0	9.053	Pass
15	QPSK	1857.5	75	0	13.577	Pass
		1880	75	0	13.566	Pass
		1902.5	75	0	13.551	Pass
	16QAM	1857.5	75	0	13.580	Pass
		1880	75	0	13.588	Pass
		1902.5	75	0	13.610	Pass
	64QAM	1857.5	75	0	13.552	Pass
		1880	75	0	13.574	Pass
		1902.5	75	0	13.585	Pass
20	QPSK	1860	100	0	18.080	Pass
		1880	100	0	18.065	Pass
		1900	100	0	18.063	Pass
	16QAM	1860	100	0	18.123	Pass
		1880	100	0	18.064	Pass
		1900	100	0	18.063	Pass
	64QAM	1860	100	0	18.067	Pass
		1880	100	0	18.075	Pass
		1900	100	0	18.053	Pass



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Test Report No.: W7L-P21100027RF15

Test Graph

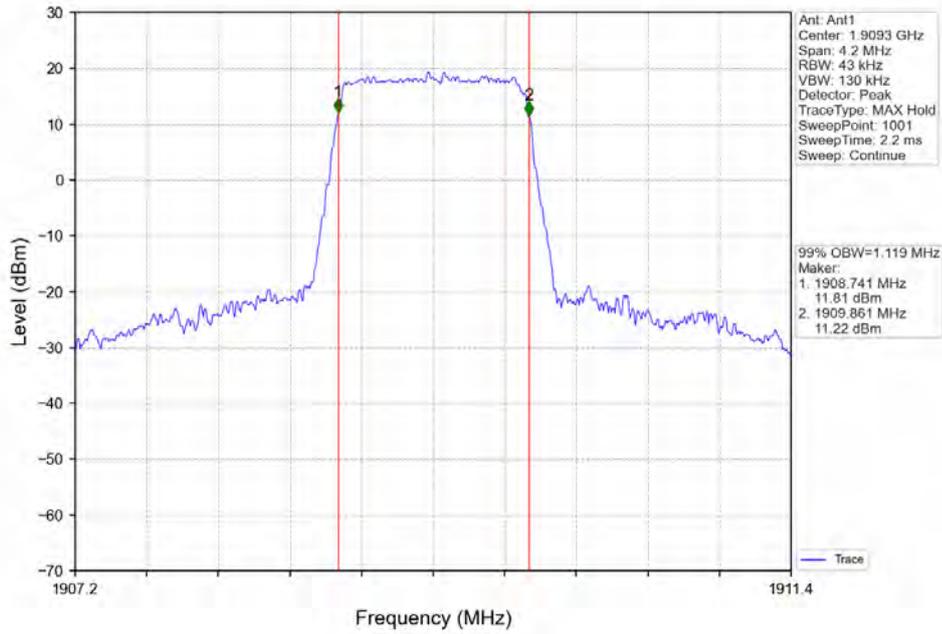




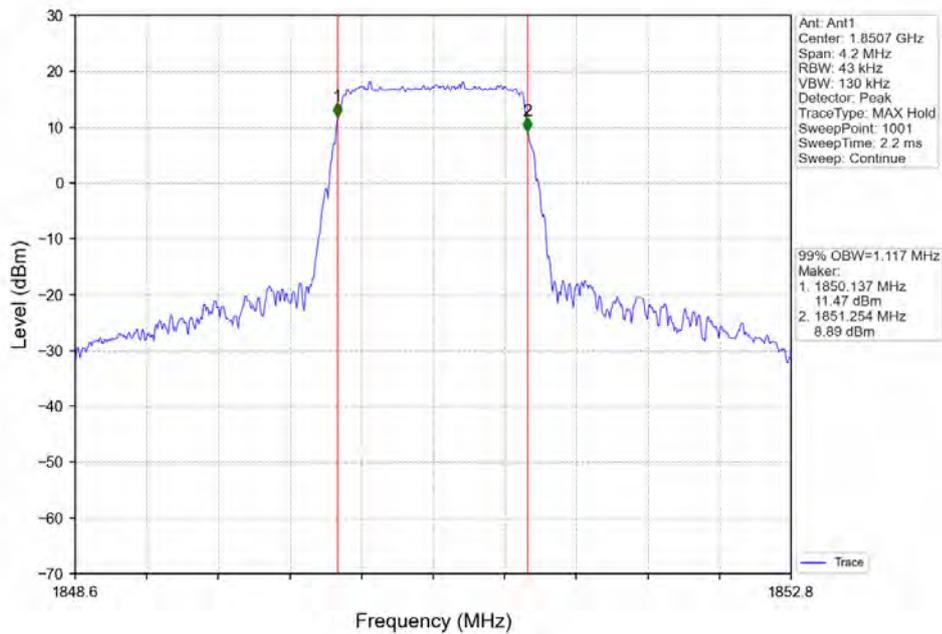
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VERITAS

Test Report No.: W7L-P21100027RF15

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

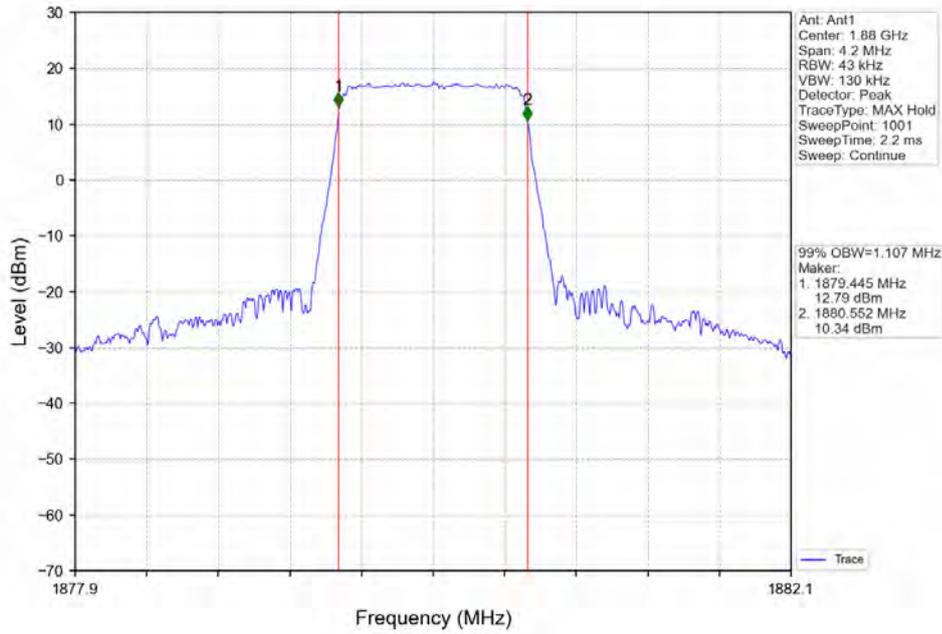




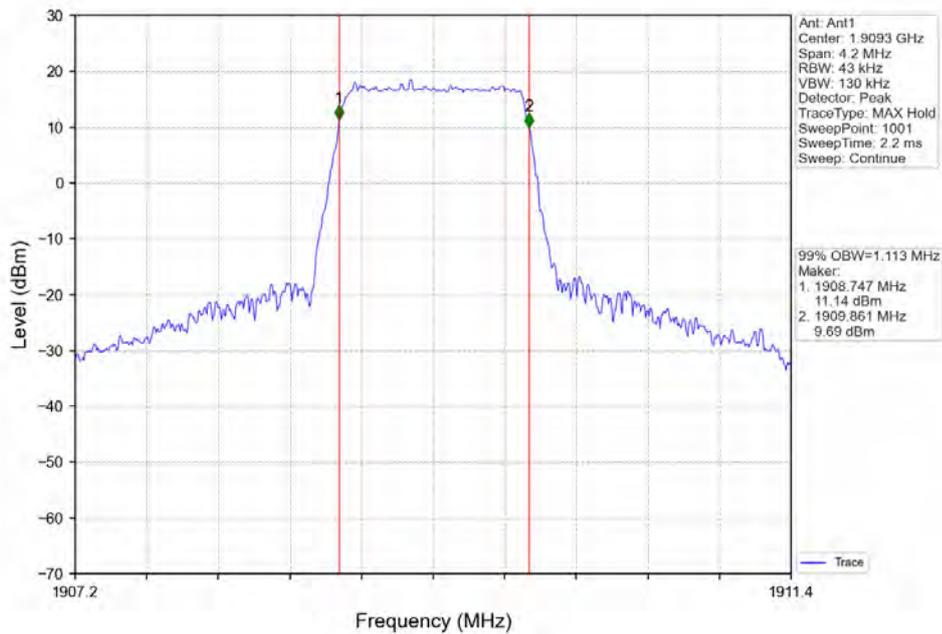
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

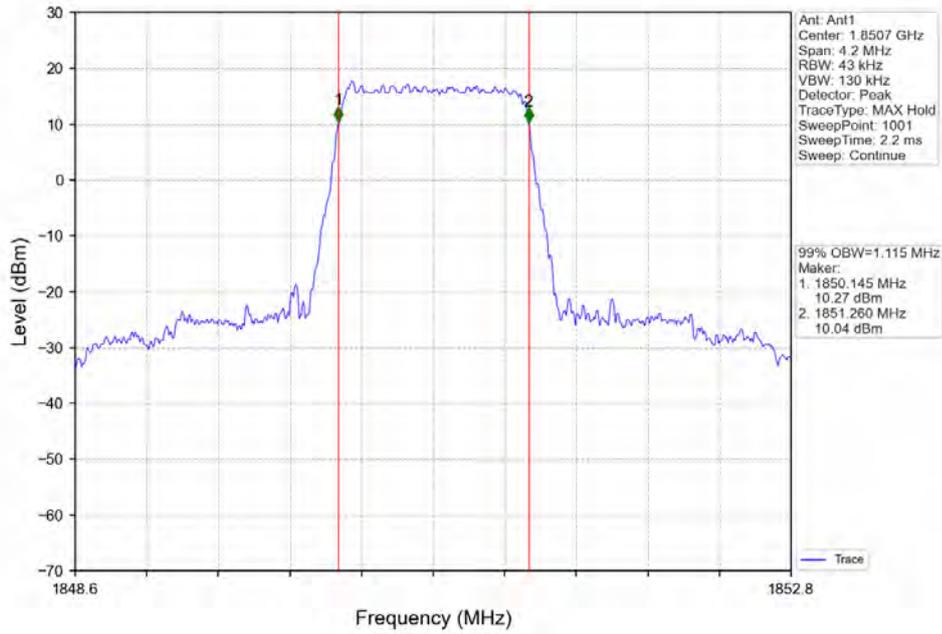




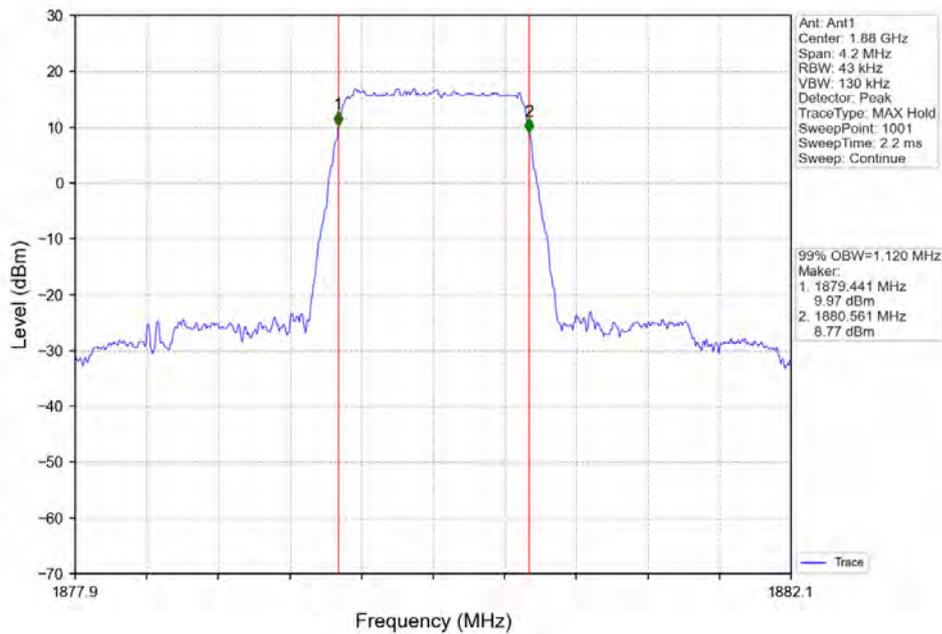
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

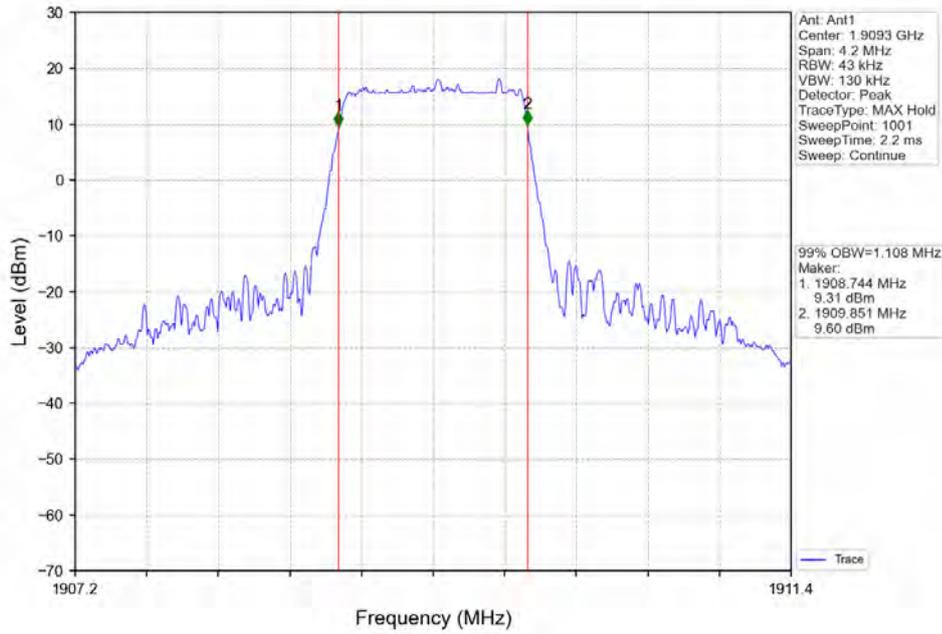




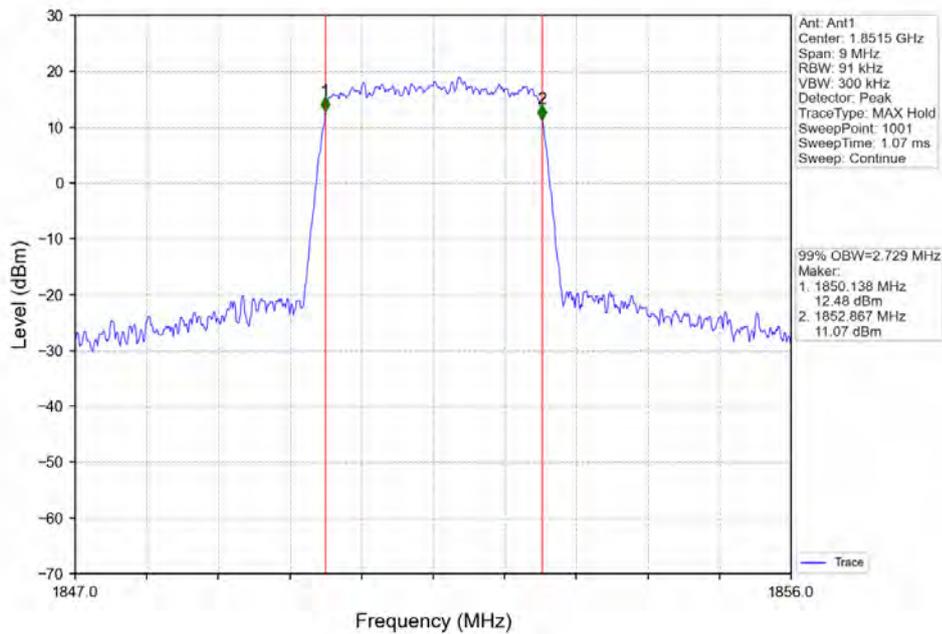
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

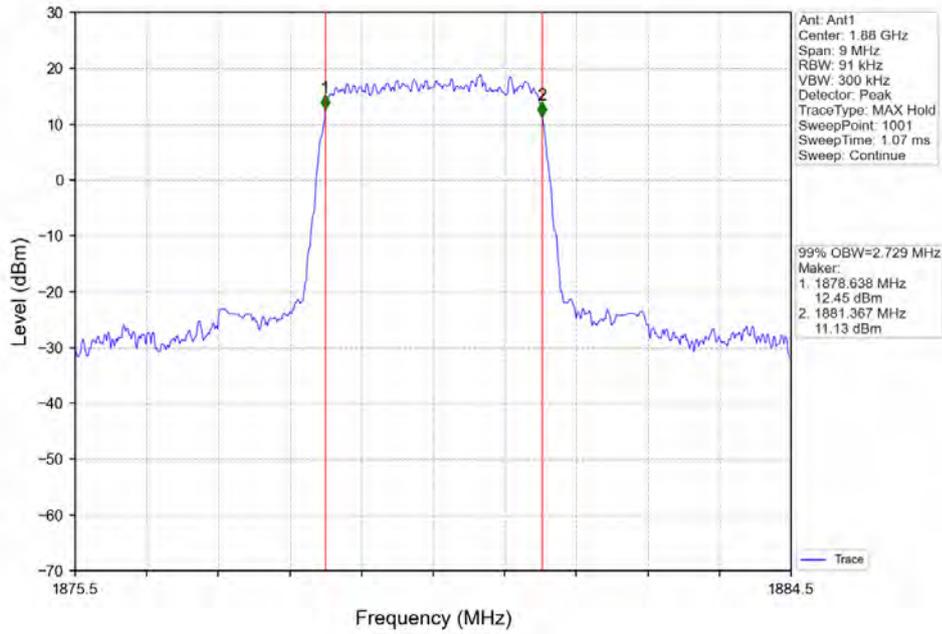




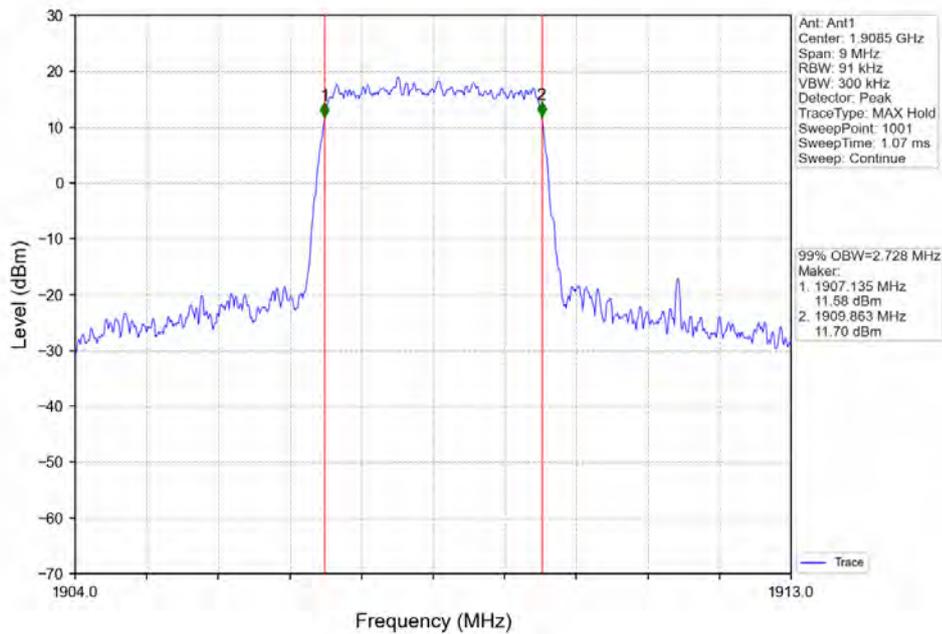
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN

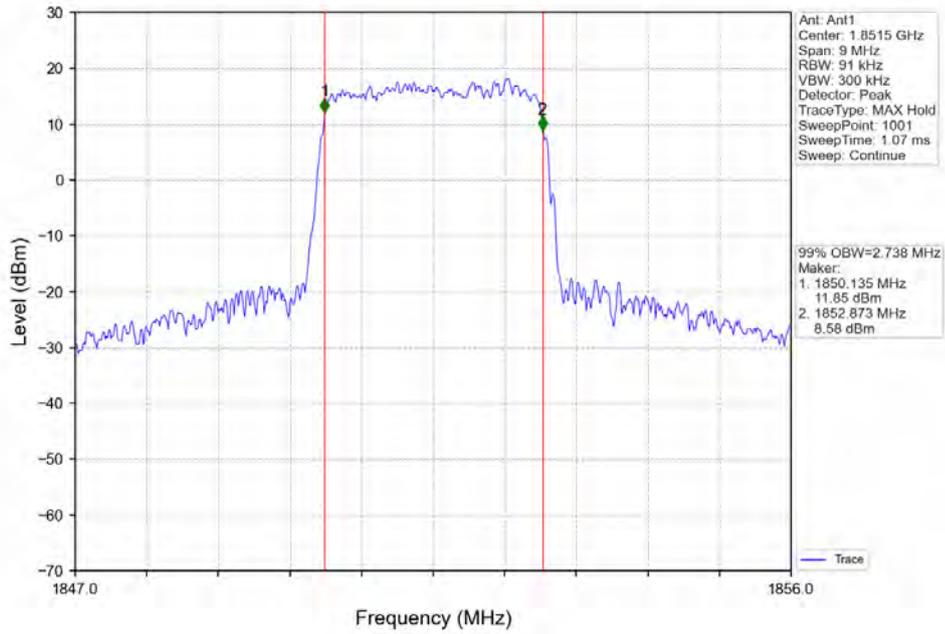




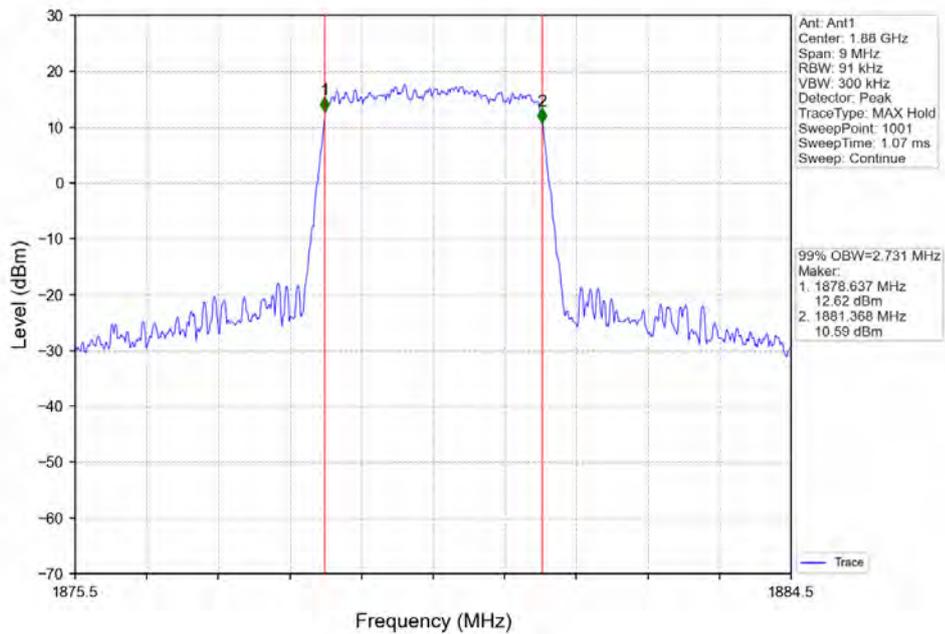
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

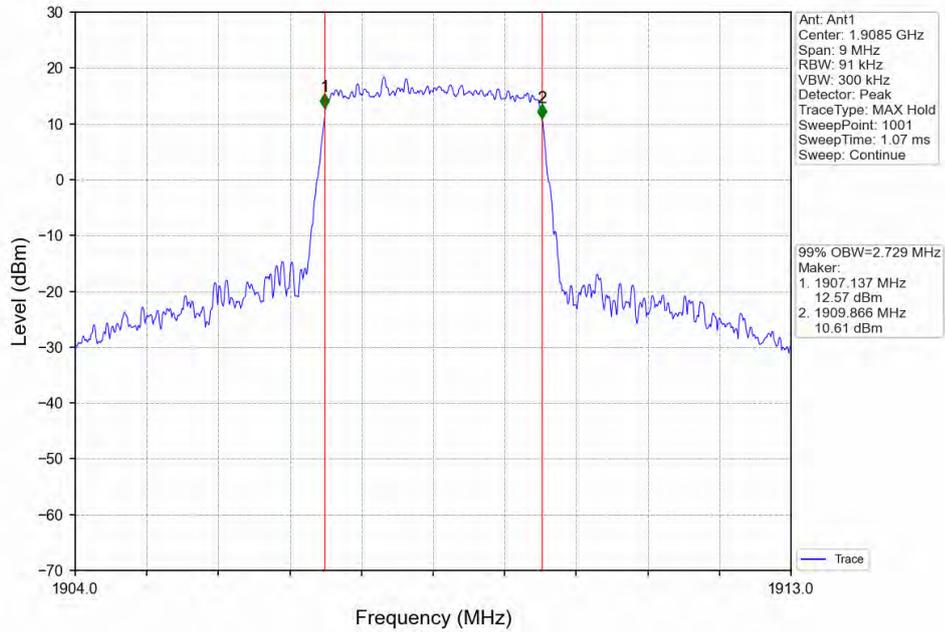




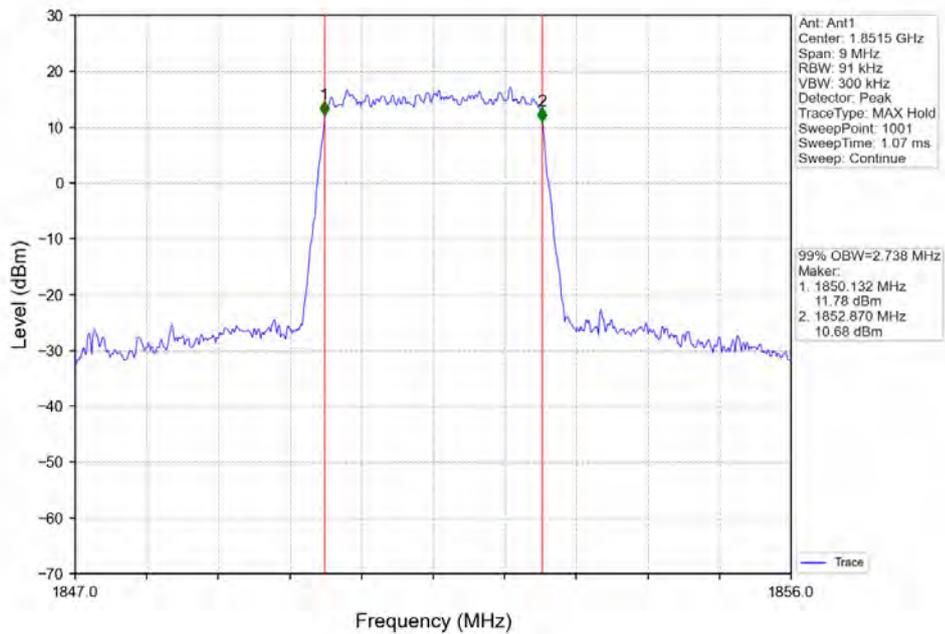
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

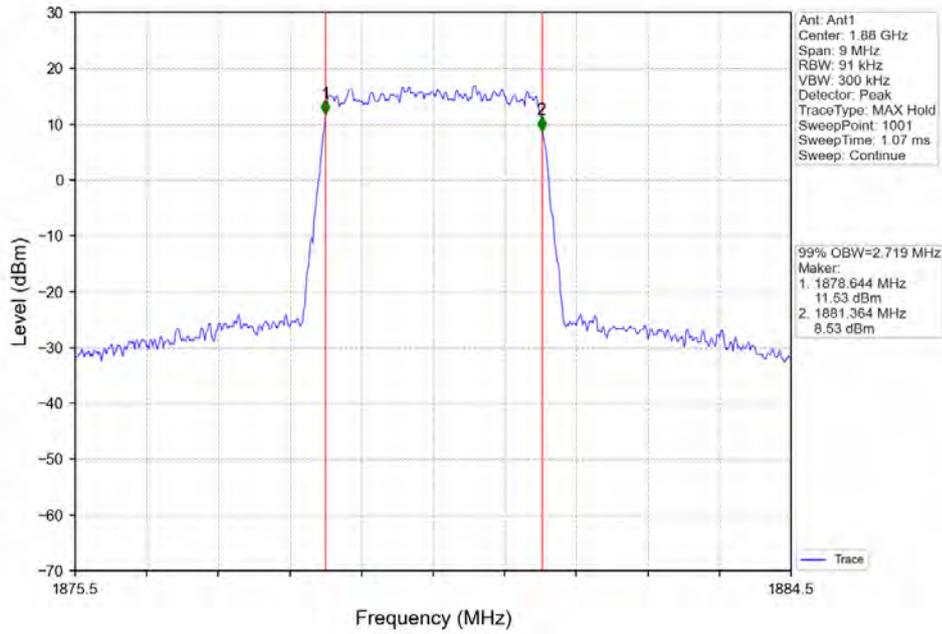




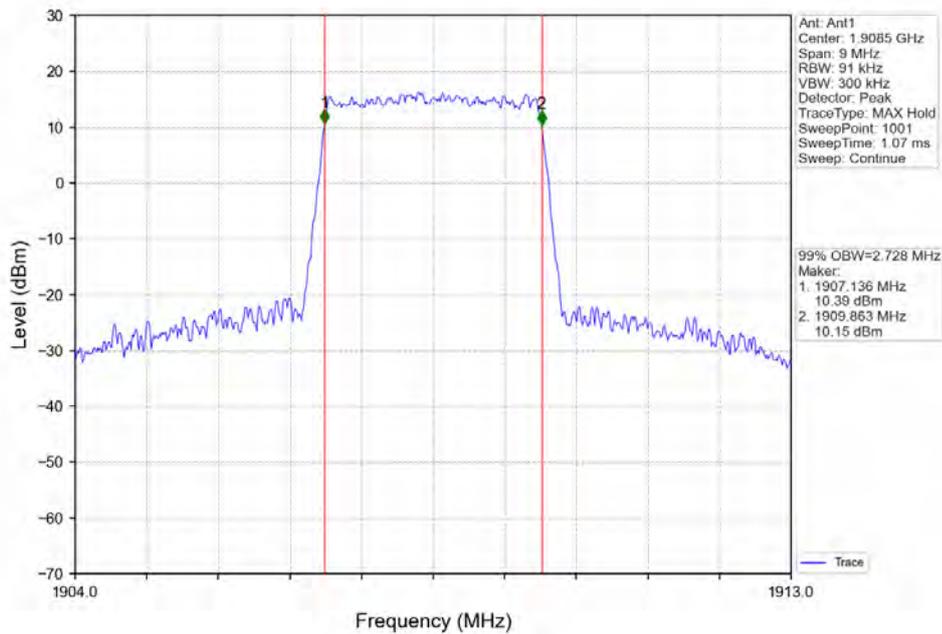
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

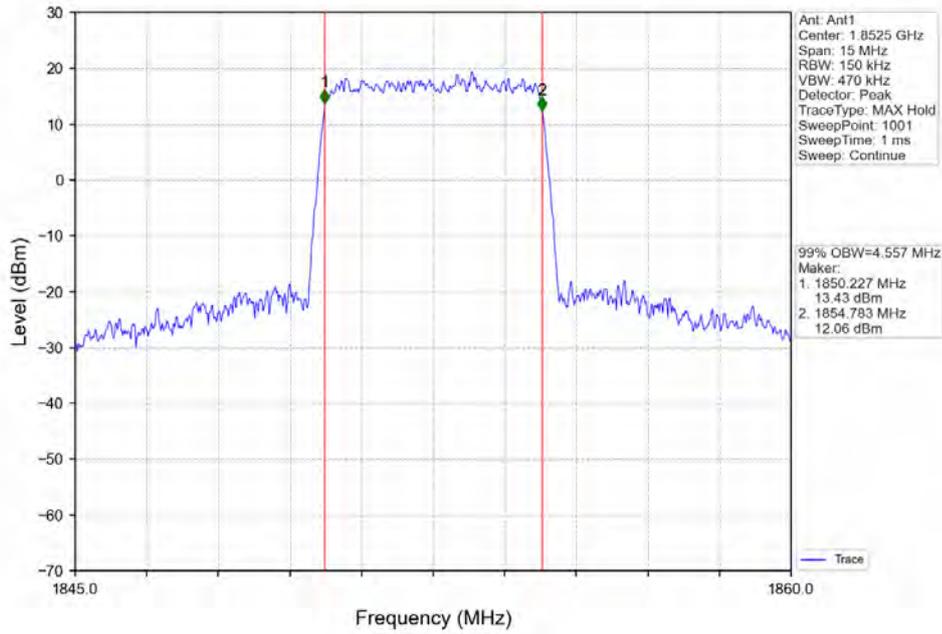




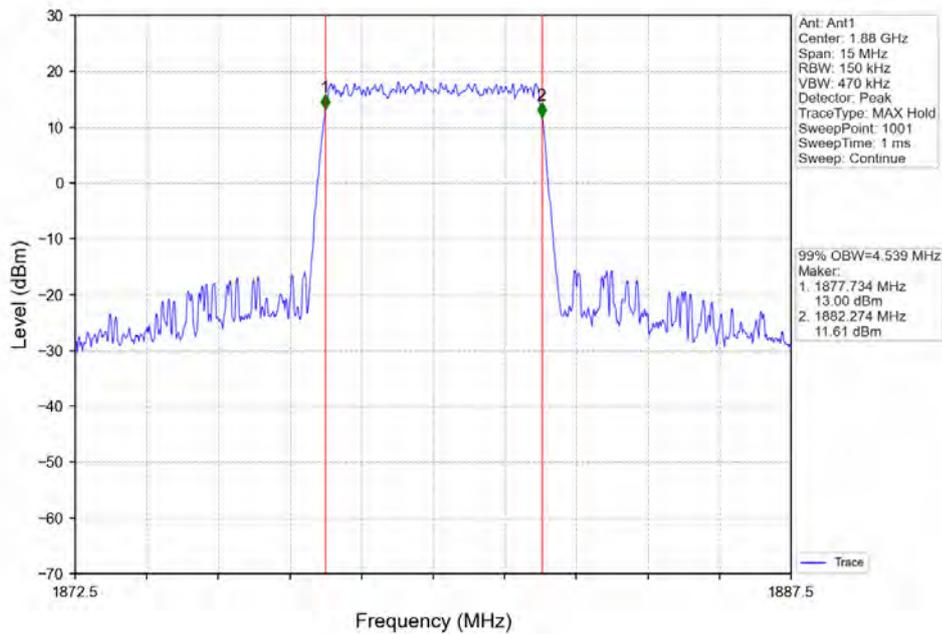
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

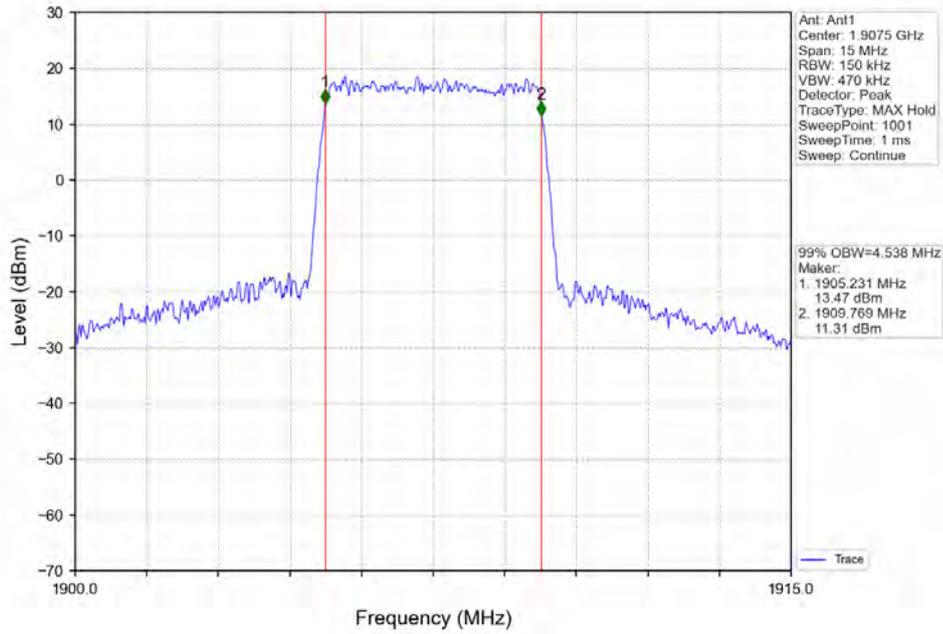




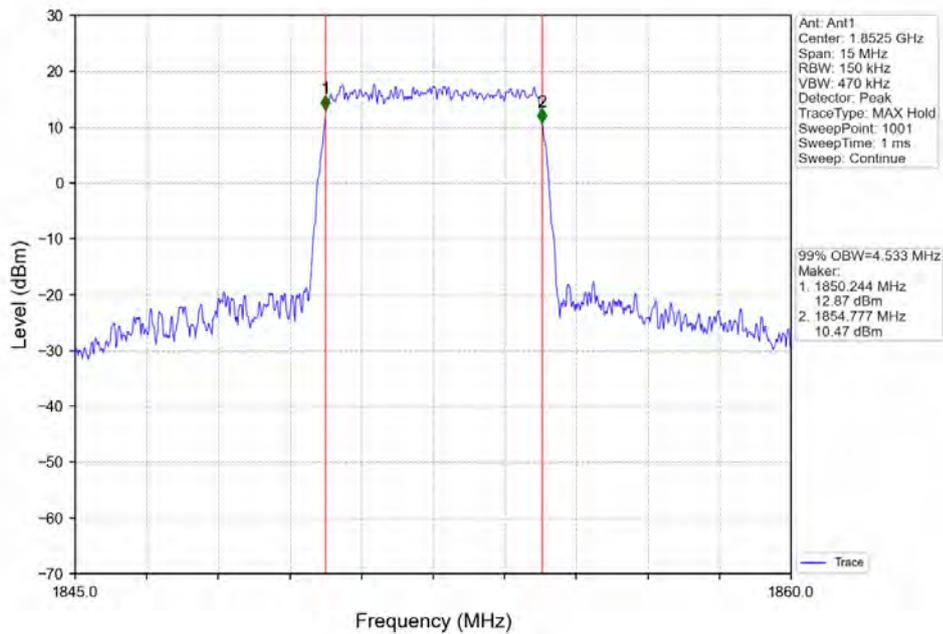
BUREAU VERITAS

Test Report No.: W7L-P21100027RF15

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

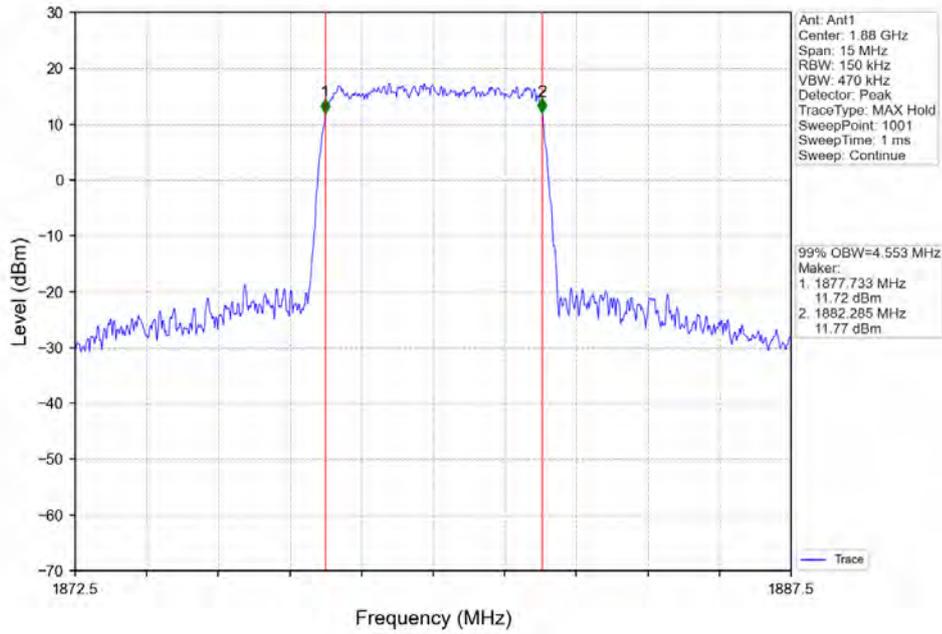




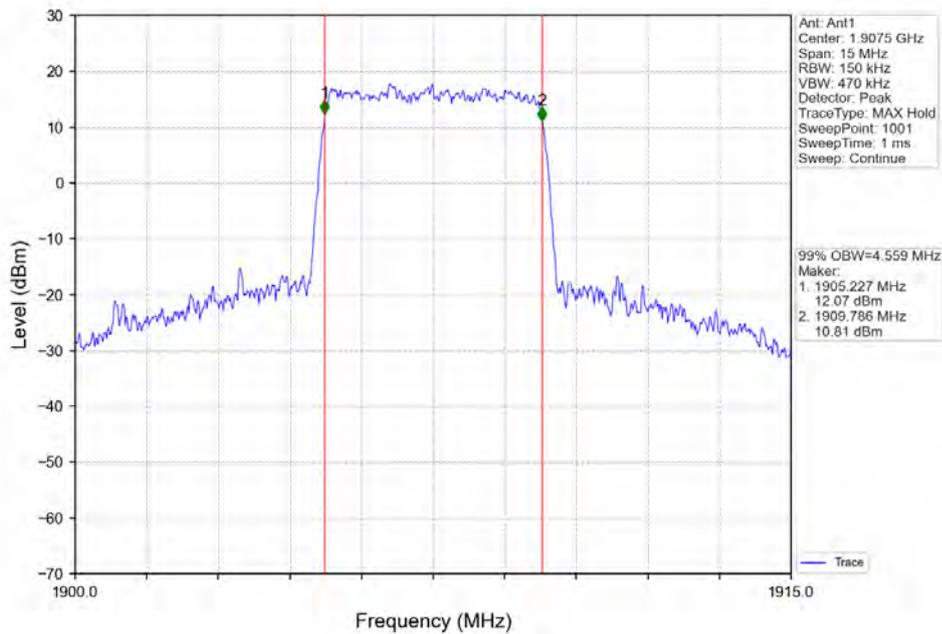
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

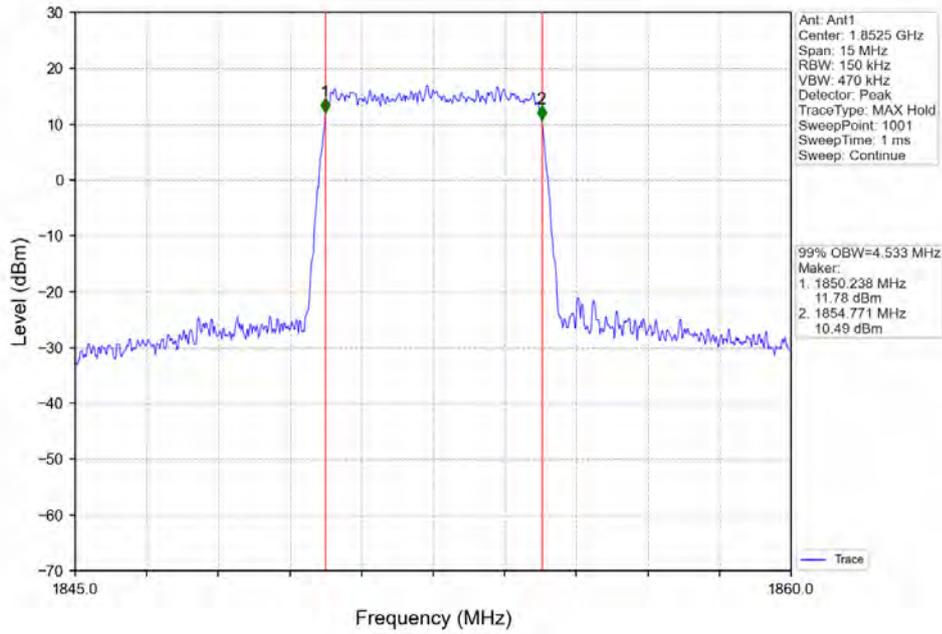




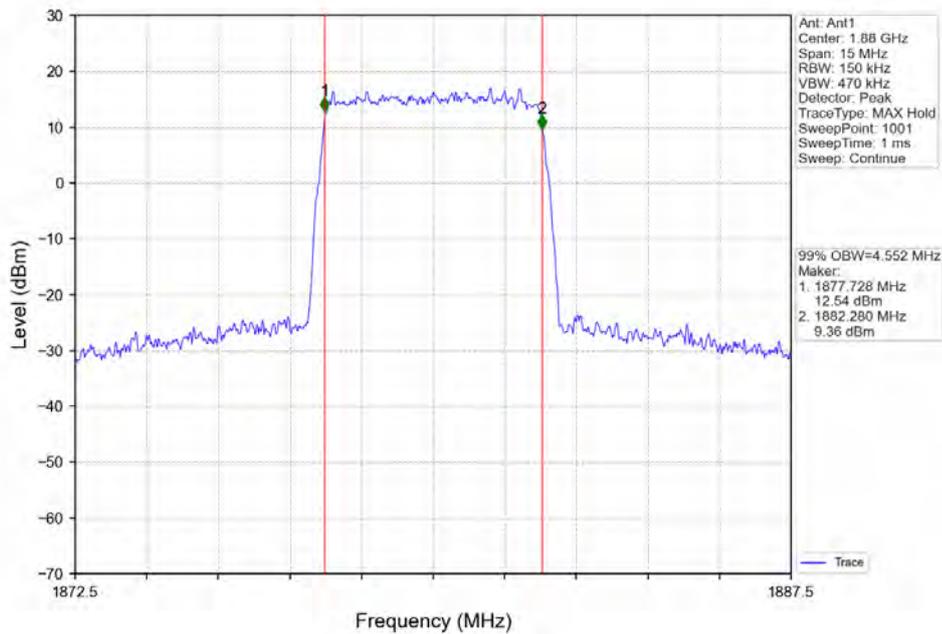
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

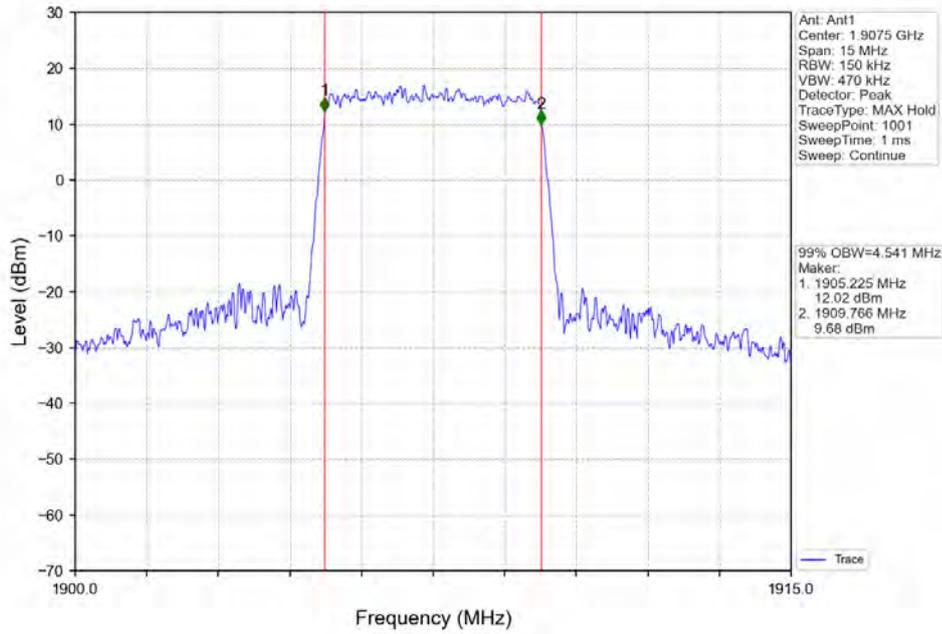




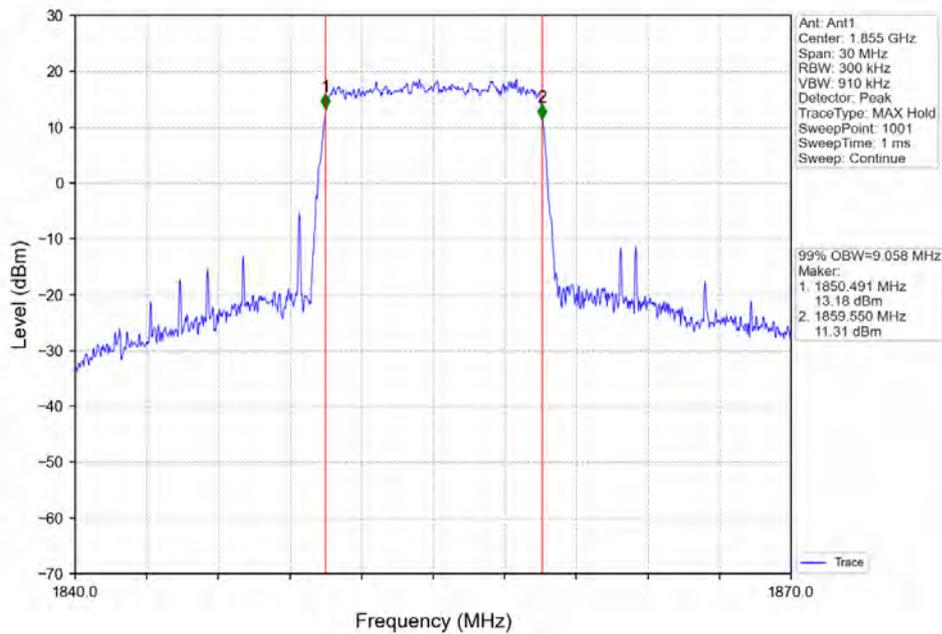
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

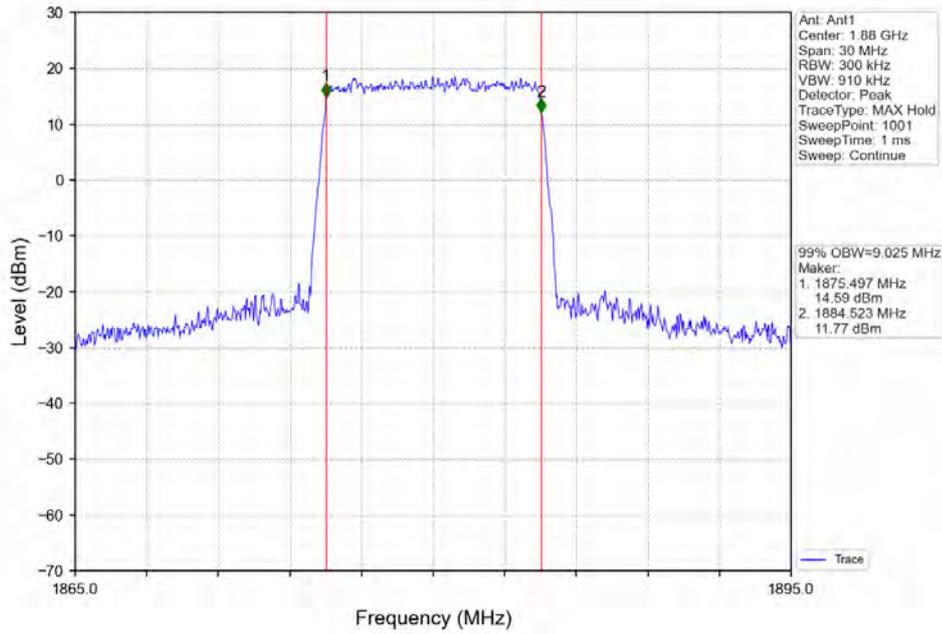




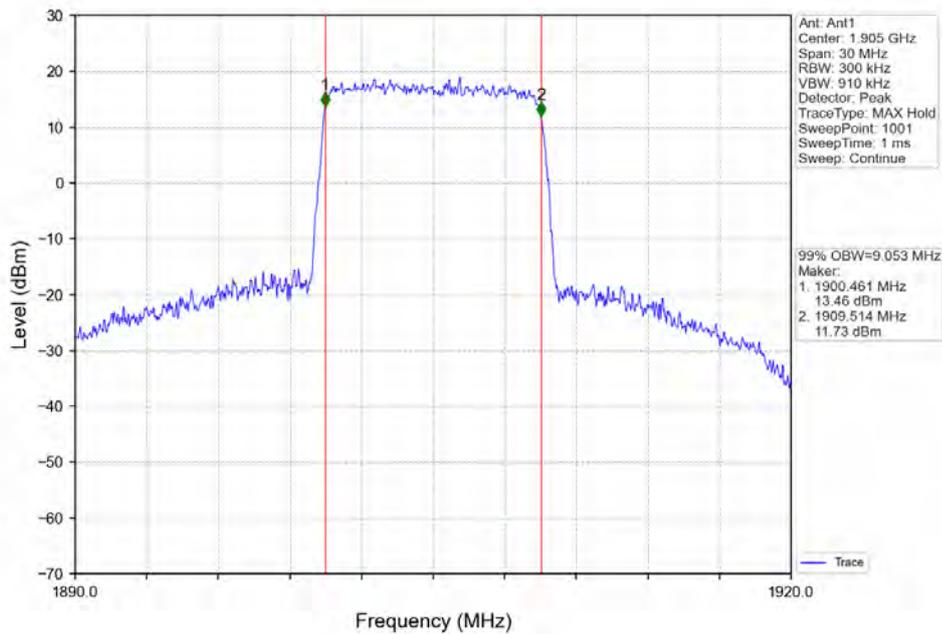
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

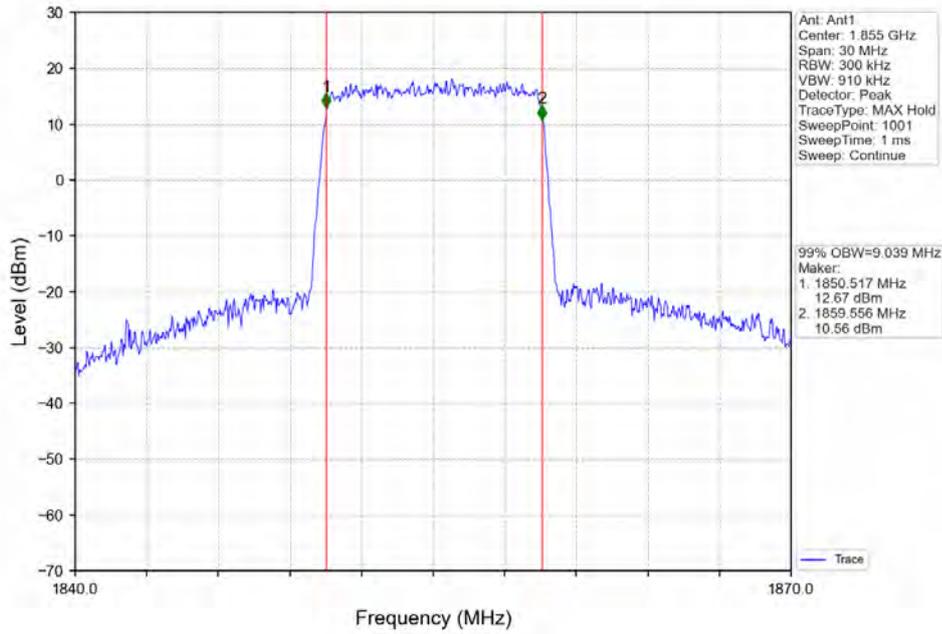




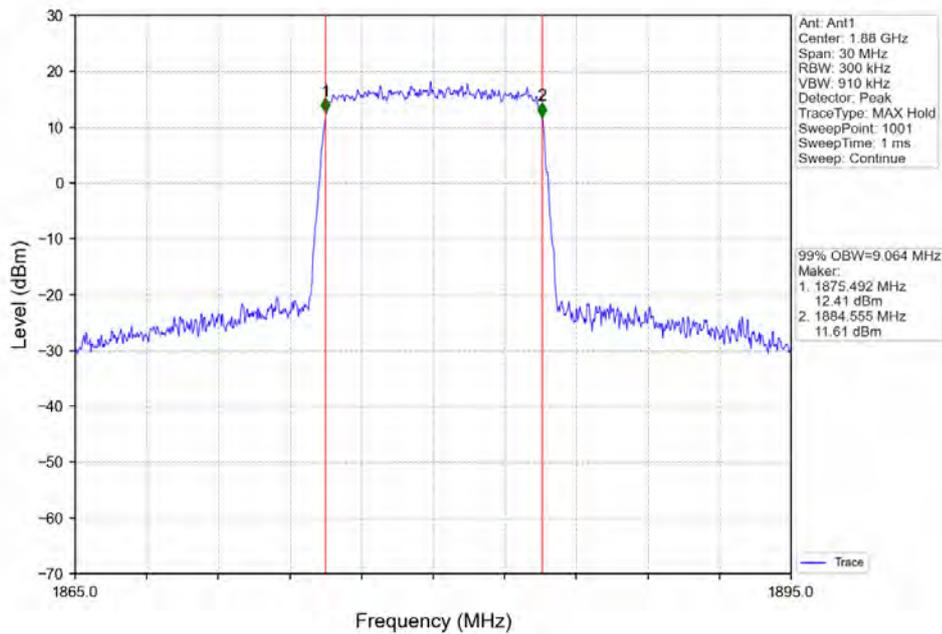
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VERITAS

Test Report No.: W7L-P21100027RF15

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

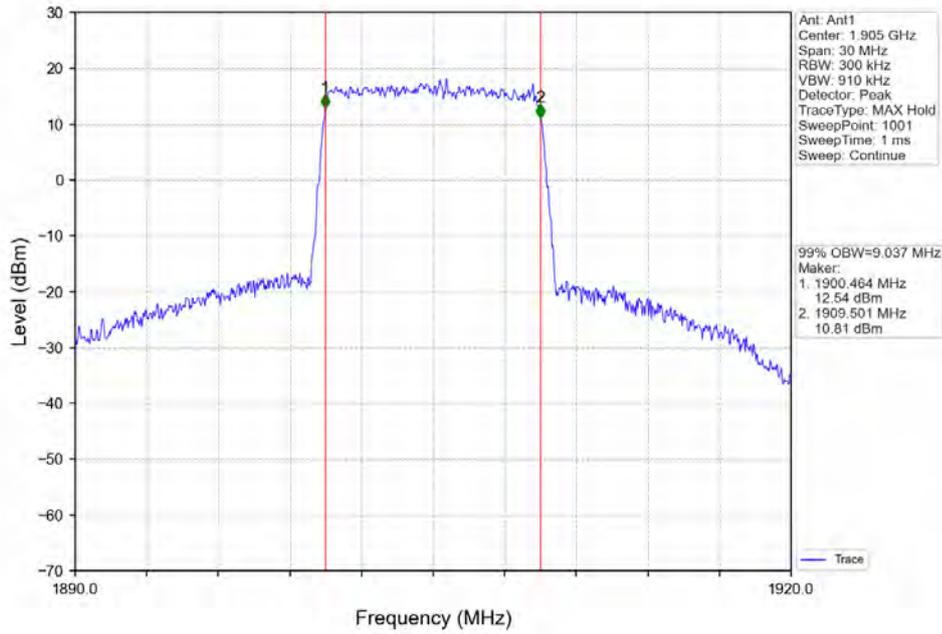




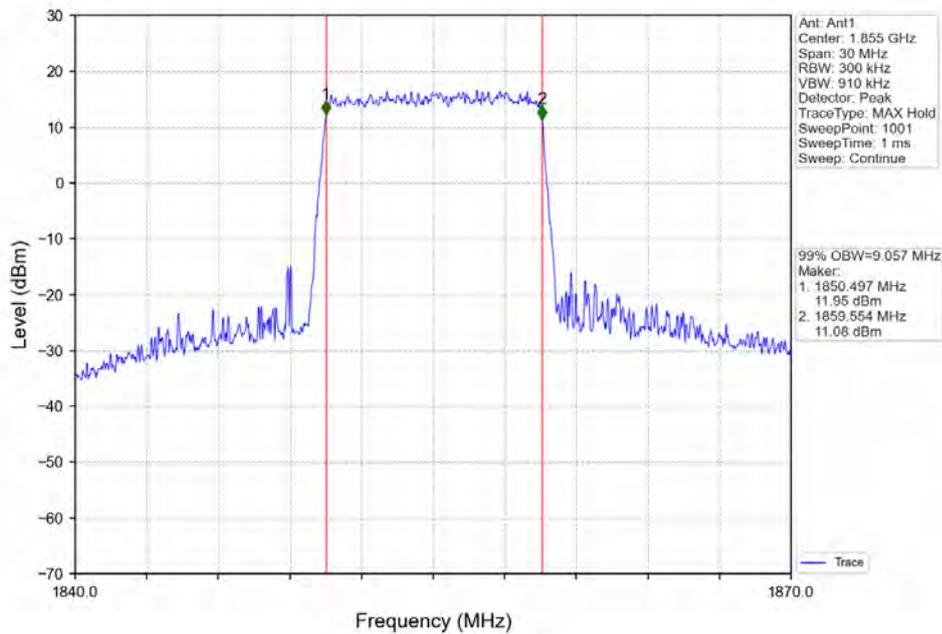
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

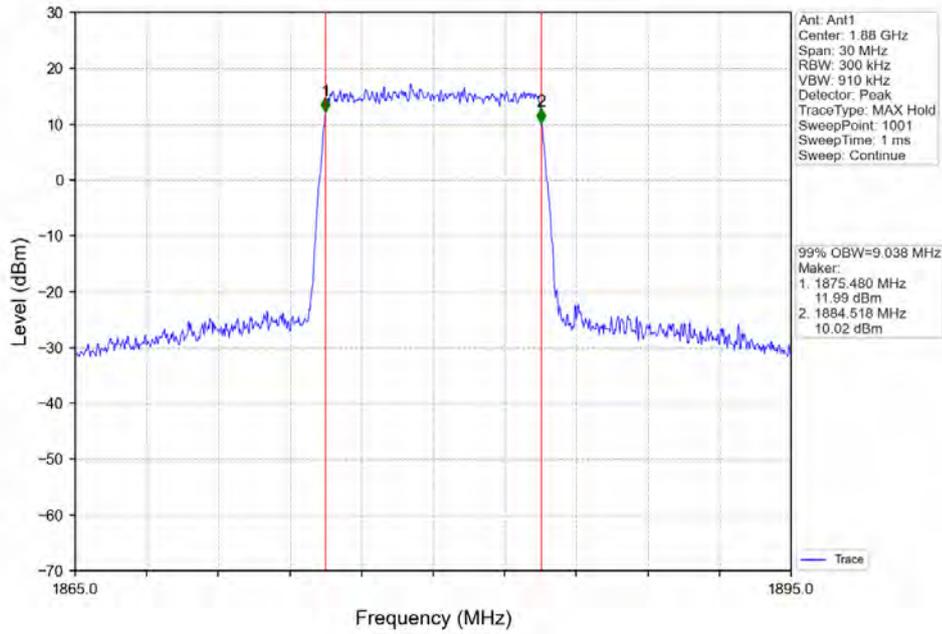




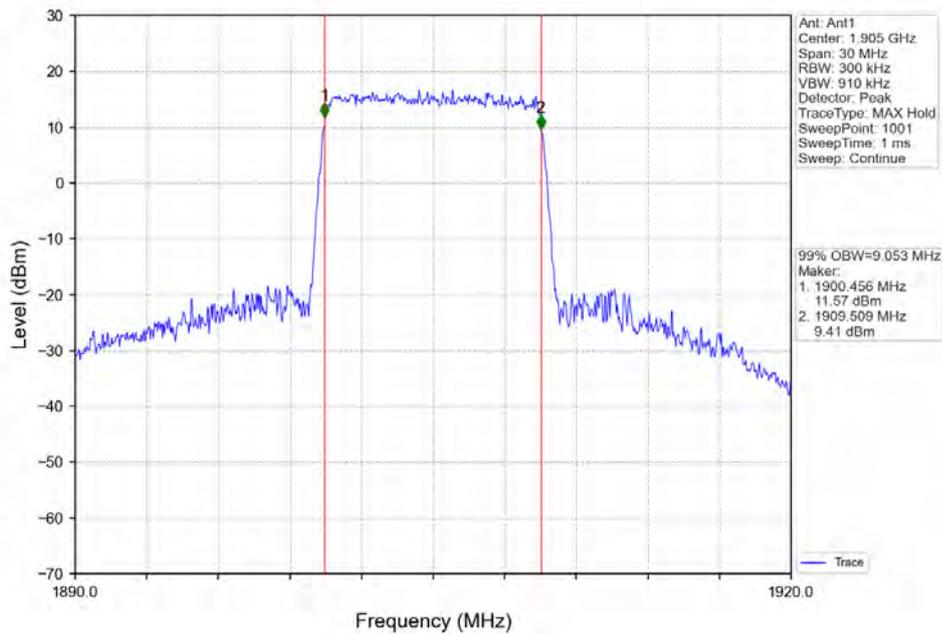
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV

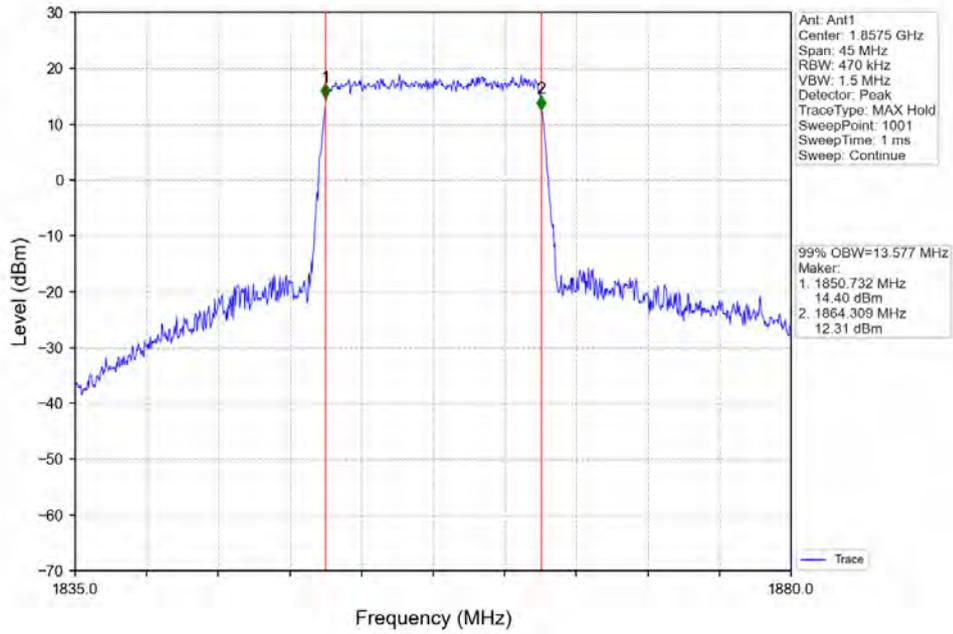




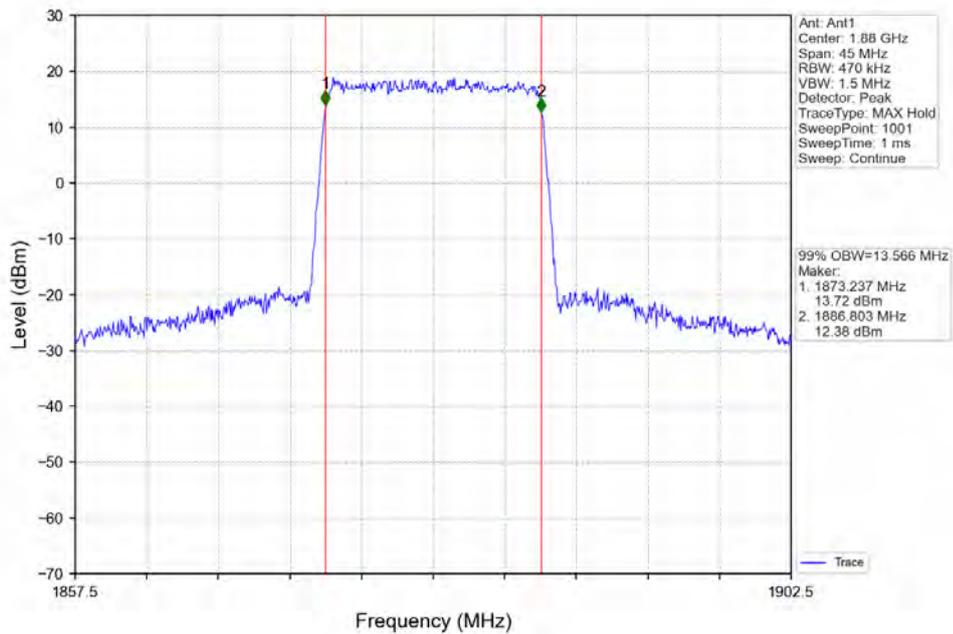
BUREAU VERITAS

Test Report No.: W7L-P21100027RF15

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

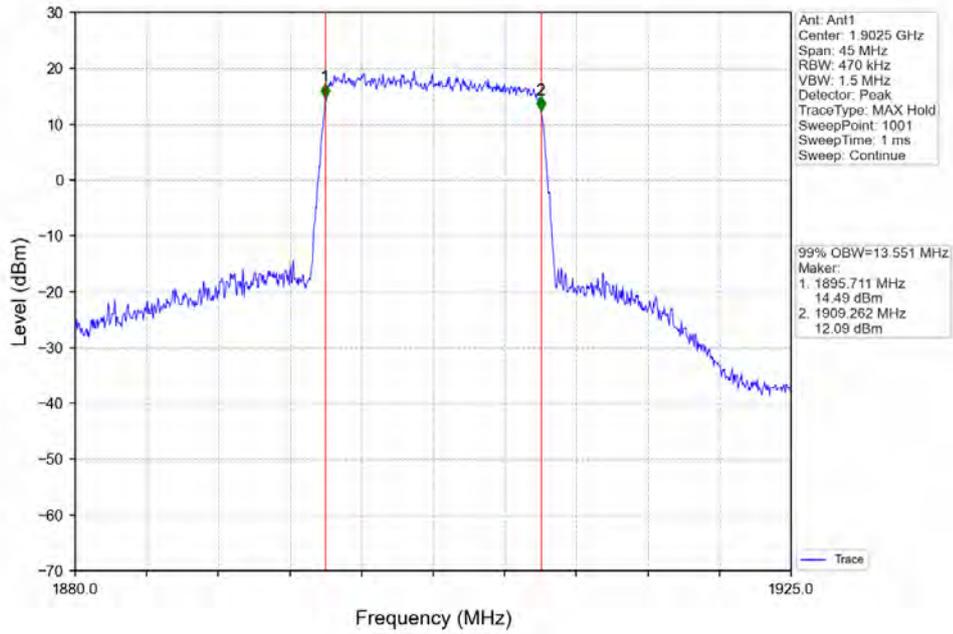




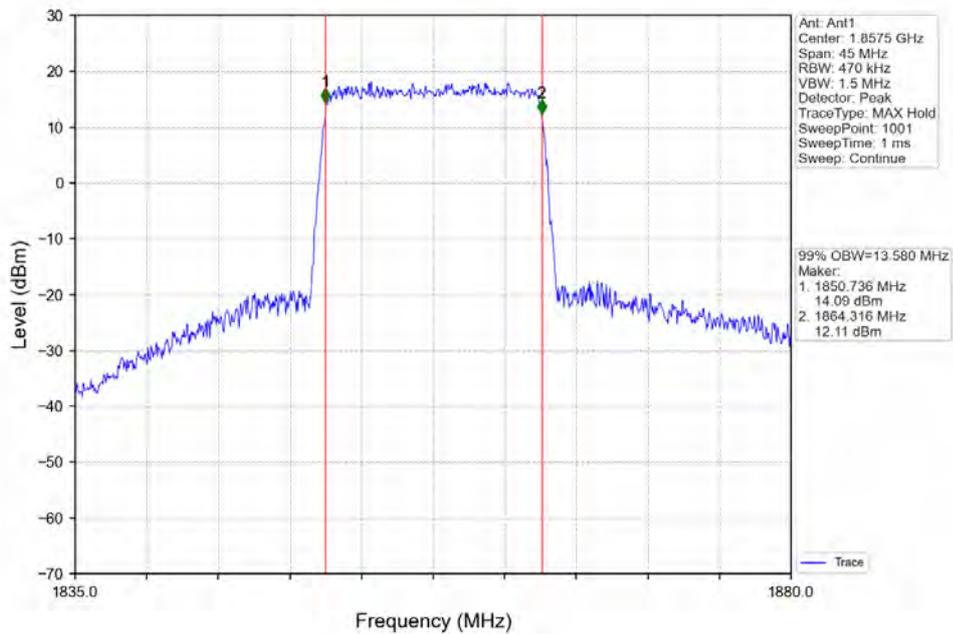
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

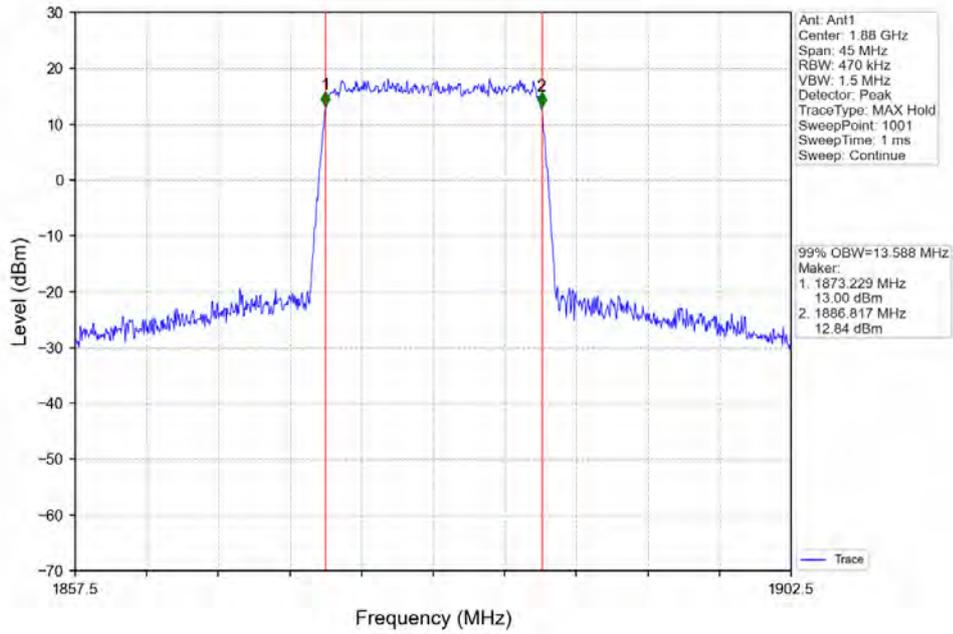




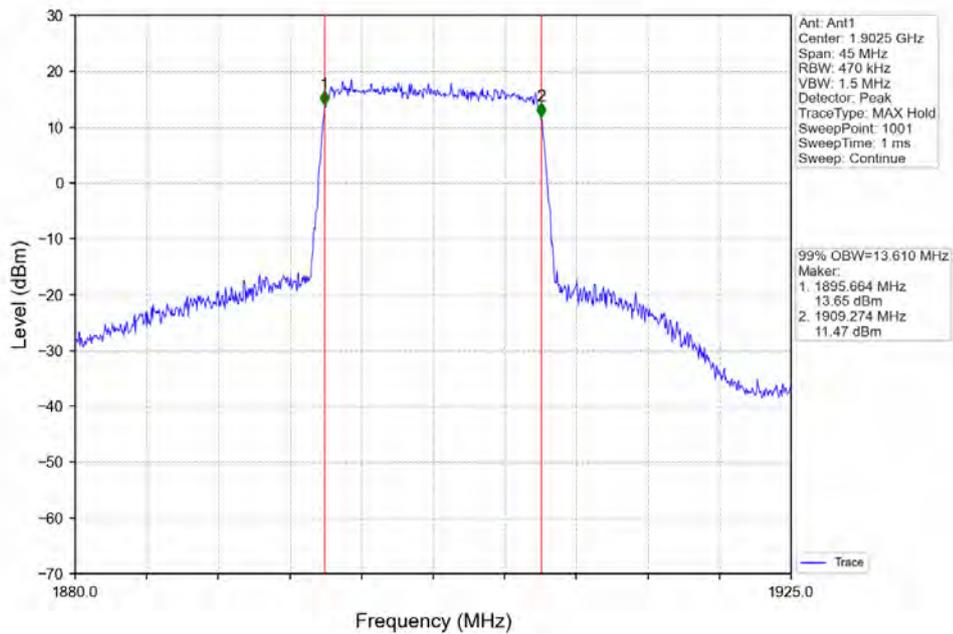
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

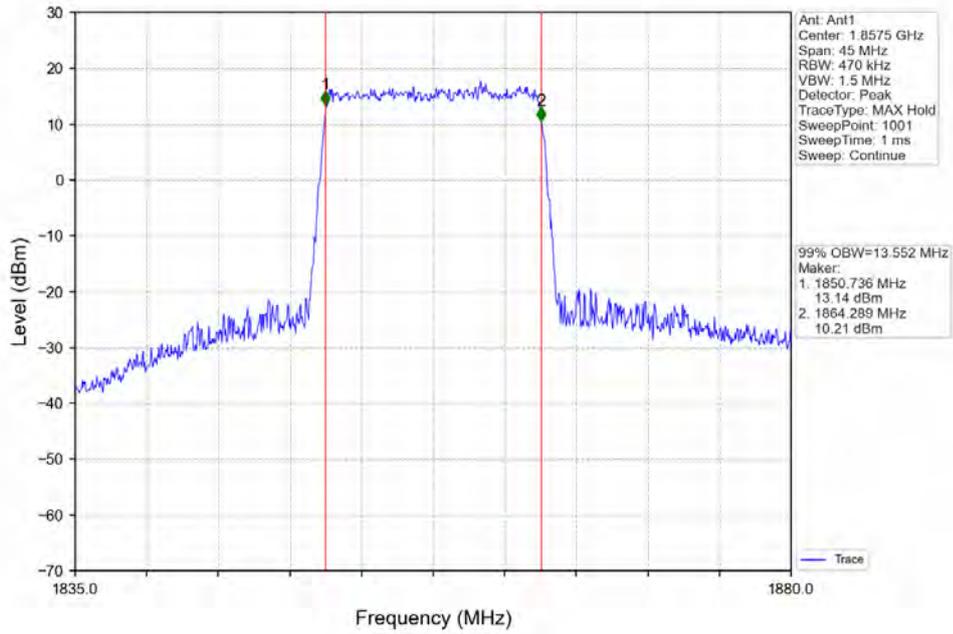




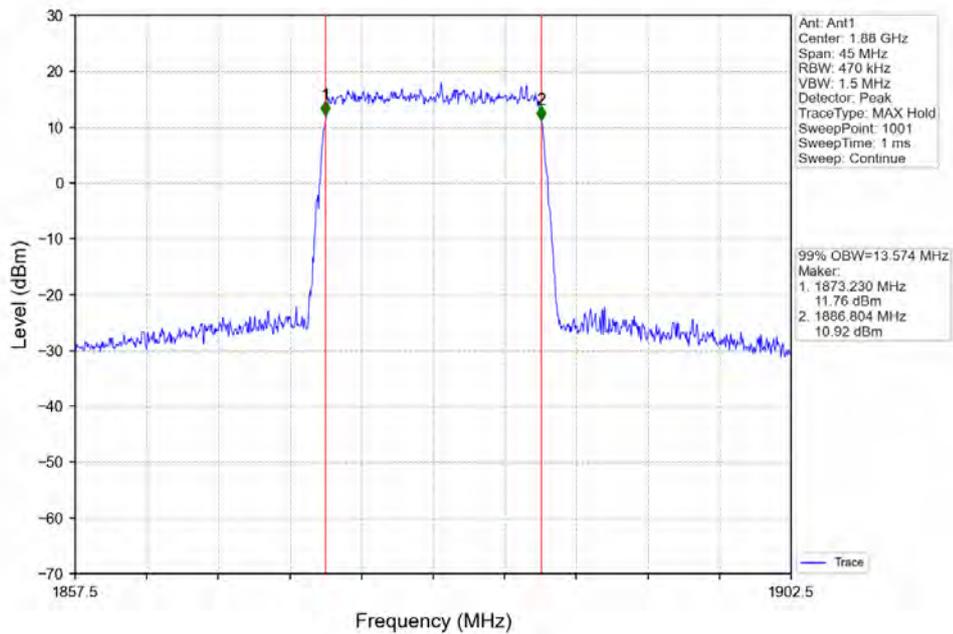
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV

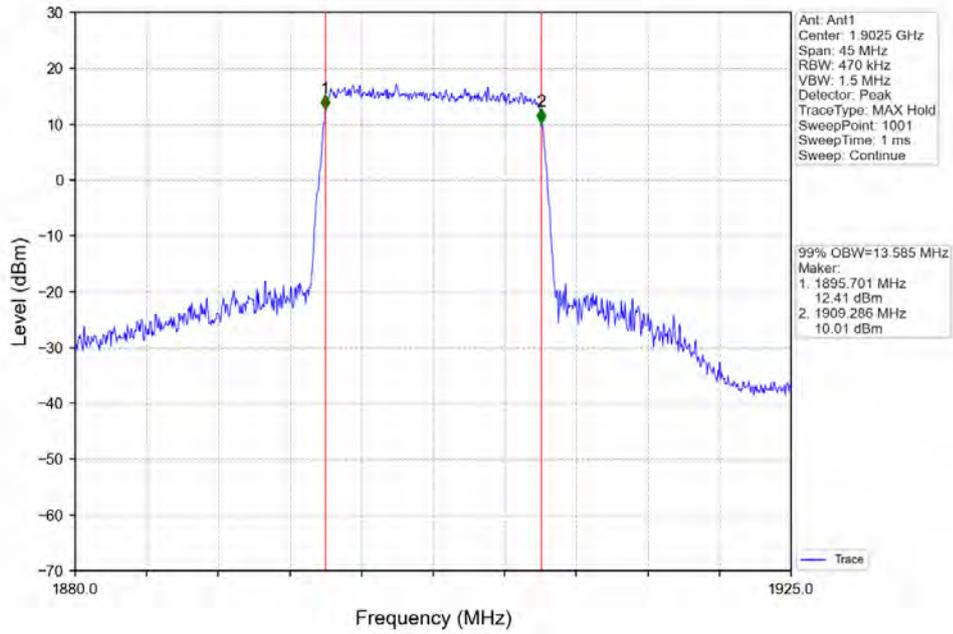




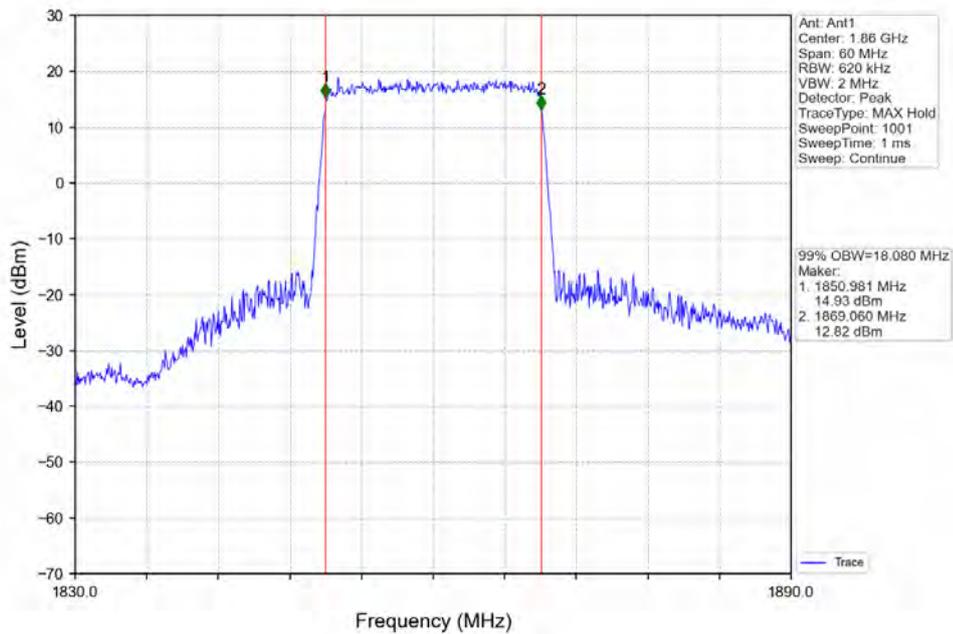
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

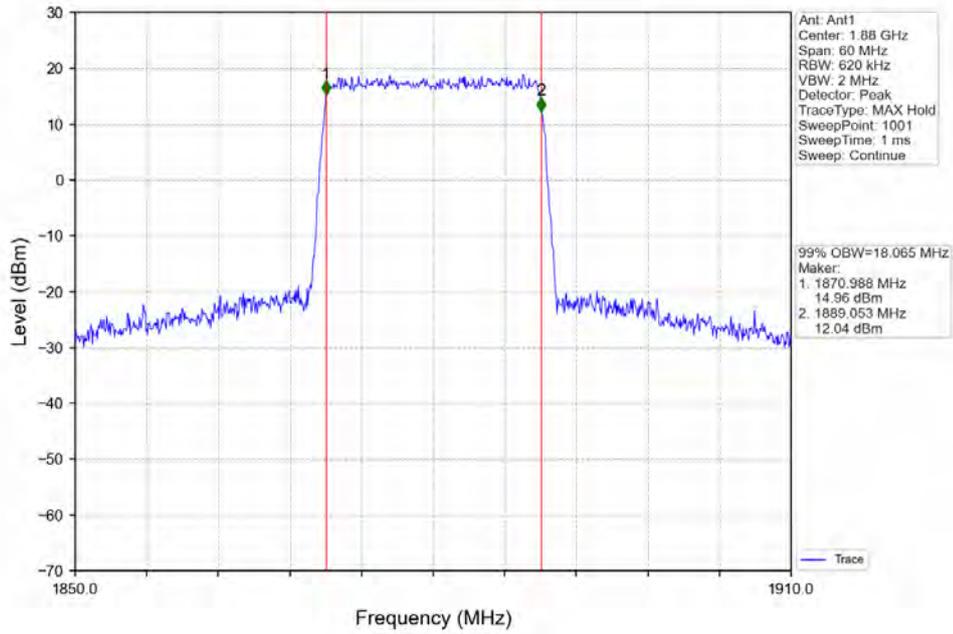




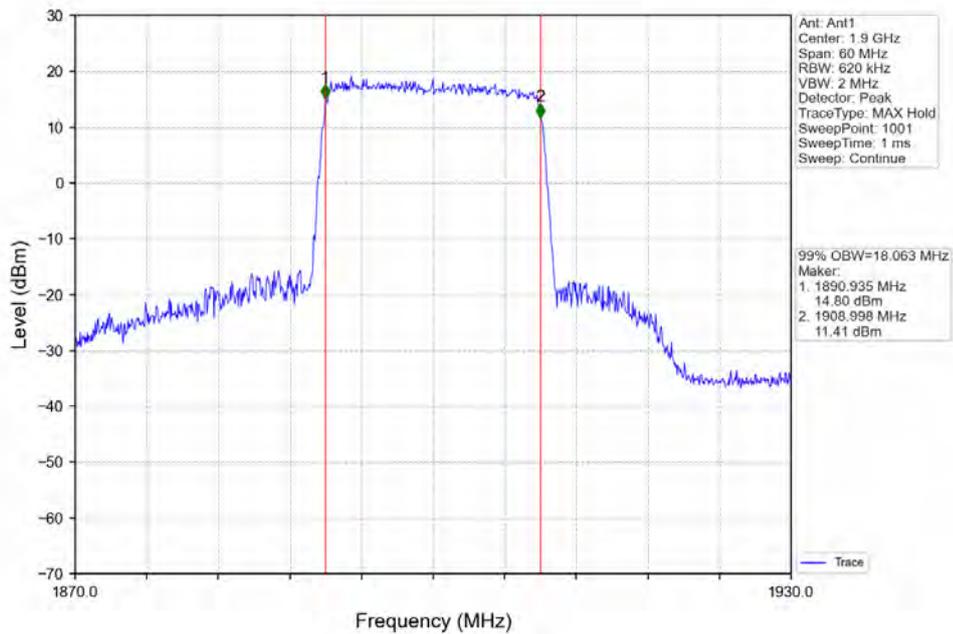
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

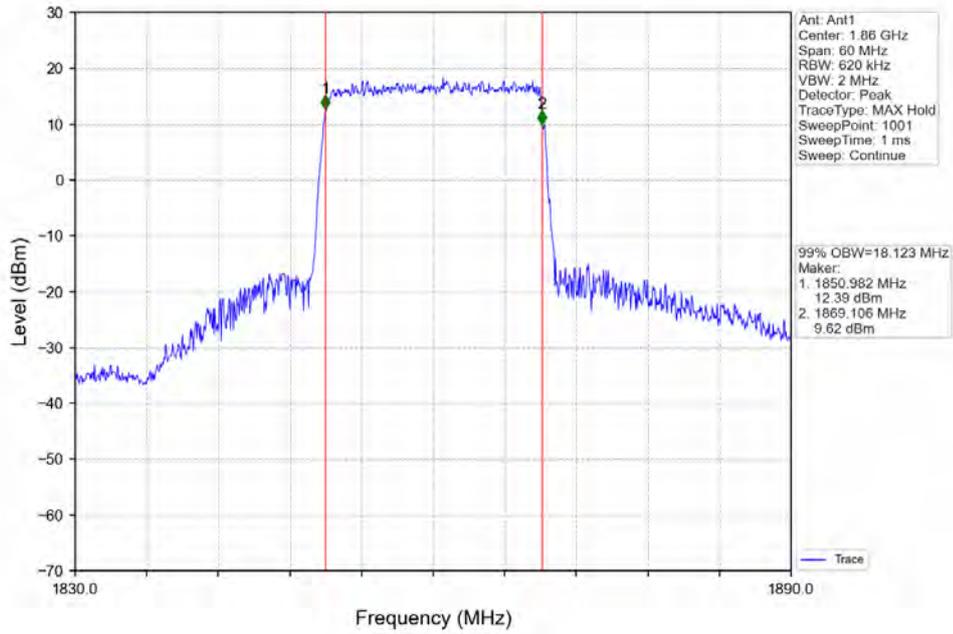




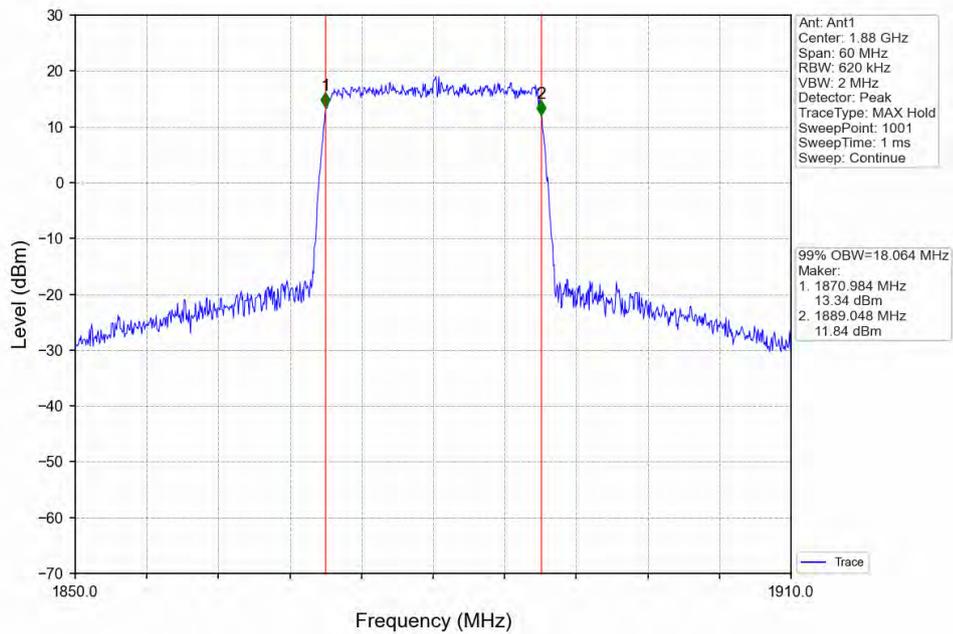
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

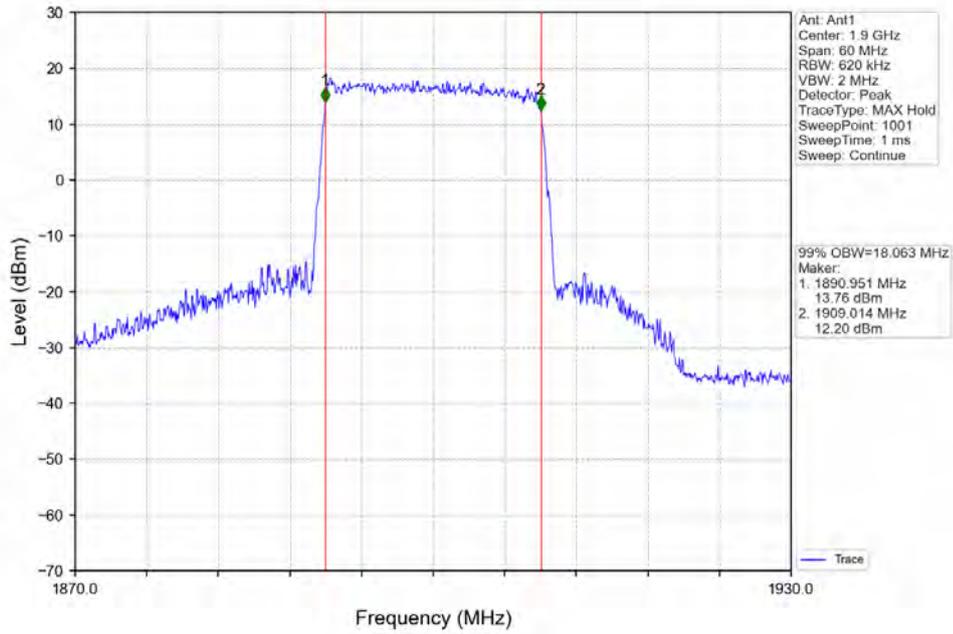




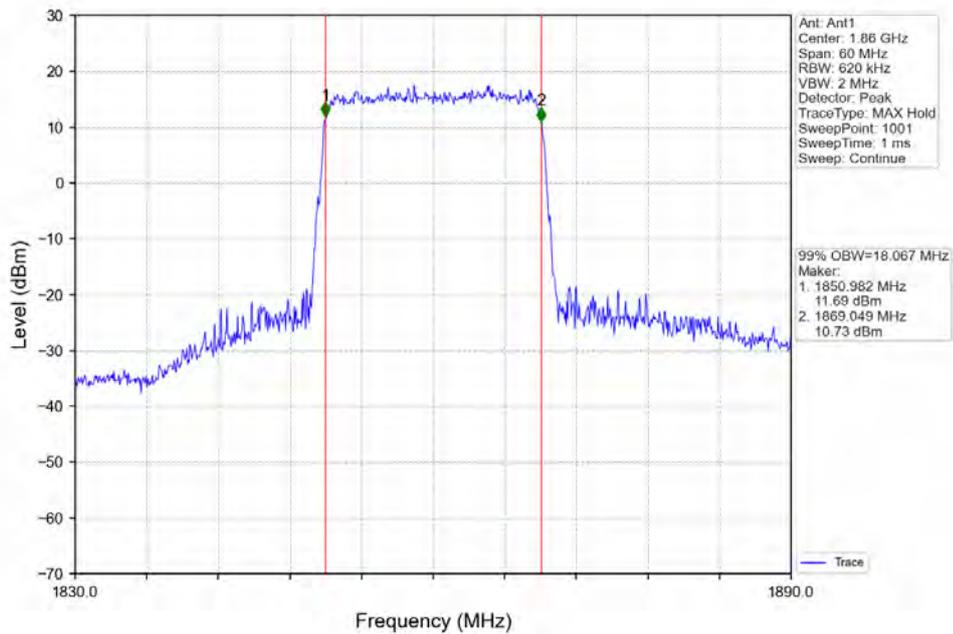
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

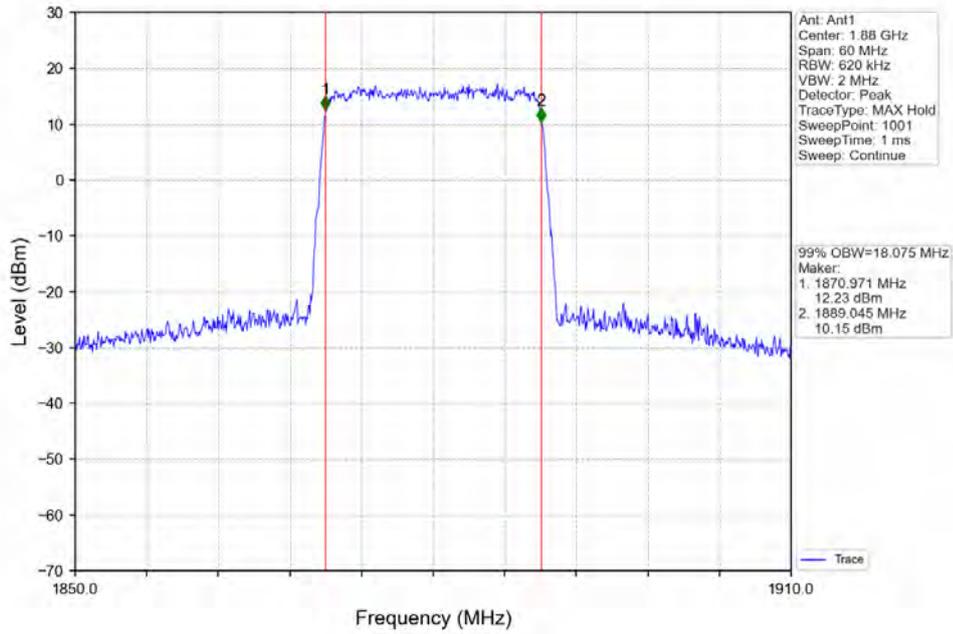




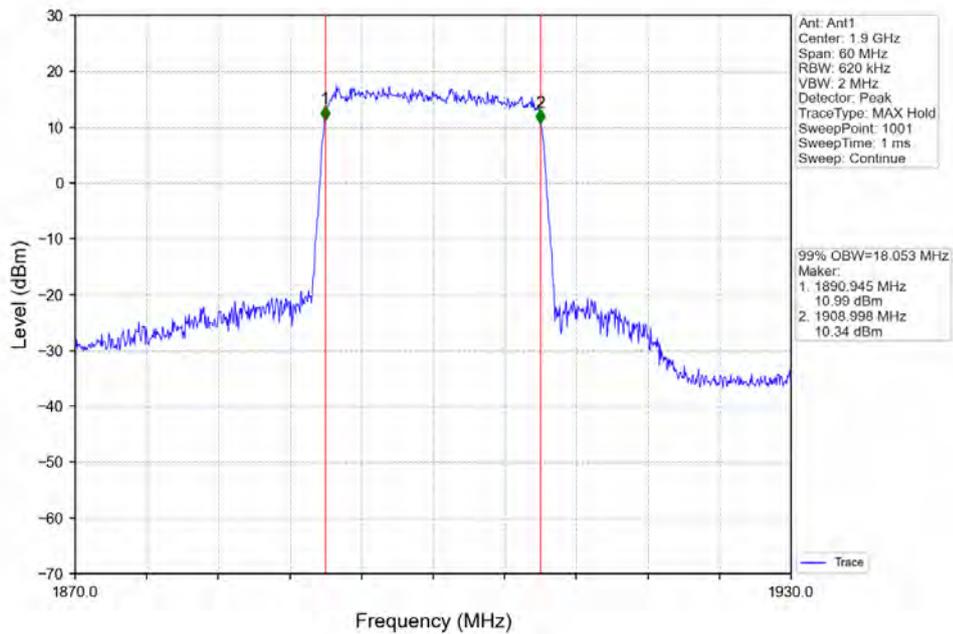
BUREAU
VERITAS

Test Report No.: W7L-P21100027RF15

Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV





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VERITAS

Test Report No.: W7L-P21100027RF15

Band2_XDB

Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.301	Pass
		1880	6	0	1.301	Pass
		1909.3	6	0	1.300	Pass
	16QAM	1850.7	6	0	1.321	Pass
		1880	6	0	1.299	Pass
		1909.3	6	0	1.303	Pass
	64QAM	1850.7	6	0	1.304	Pass
		1880	6	0	1.325	Pass
		1909.3	6	0	1.302	Pass
3	QPSK	1851.5	15	0	3.046	Pass
		1880	15	0	3.029	Pass
		1908.5	15	0	3.041	Pass
	16QAM	1851.5	15	0	3.049	Pass
		1880	15	0	3.057	Pass
		1908.5	15	0	3.019	Pass
	64QAM	1851.5	15	0	3.033	Pass
		1880	15	0	3.025	Pass
		1908.5	15	0	3.036	Pass
5	QPSK	1852.5	25	0	5.013	Pass
		1880	25	0	4.995	Pass
		1907.5	25	0	4.982	Pass
	16QAM	1852.5	25	0	5.002	Pass
		1880	25	0	4.977	Pass
		1907.5	25	0	5.003	Pass
	64QAM	1852.5	25	0	4.968	Pass
		1880	25	0	5.017	Pass
		1907.5	25	0	4.986	Pass
10	QPSK	1855	50	0	10.620	Pass
		1880	50	0	9.942	Pass
		1905	50	0	9.878	Pass
	16QAM	1855	50	0	9.899	Pass
		1880	50	0	9.889	Pass
		1905	50	0	9.870	Pass
	64QAM	1855	50	0	9.917	Pass
		1880	50	0	9.855	Pass
		1905	50	0	9.900	Pass
15	QPSK	1857.5	75	0	14.832	Pass
		1880	75	0	14.827	Pass
		1902.5	75	0	14.788	Pass
	16QAM	1857.5	75	0	14.895	Pass
		1880	75	0	14.782	Pass
		1902.5	75	0	14.819	Pass
	64QAM	1857.5	75	0	14.800	Pass
		1880	75	0	14.848	Pass
		1902.5	75	0	14.850	Pass