



**BUREAU
VERITAS**

Test Report No.: W7L-220503W001RF05

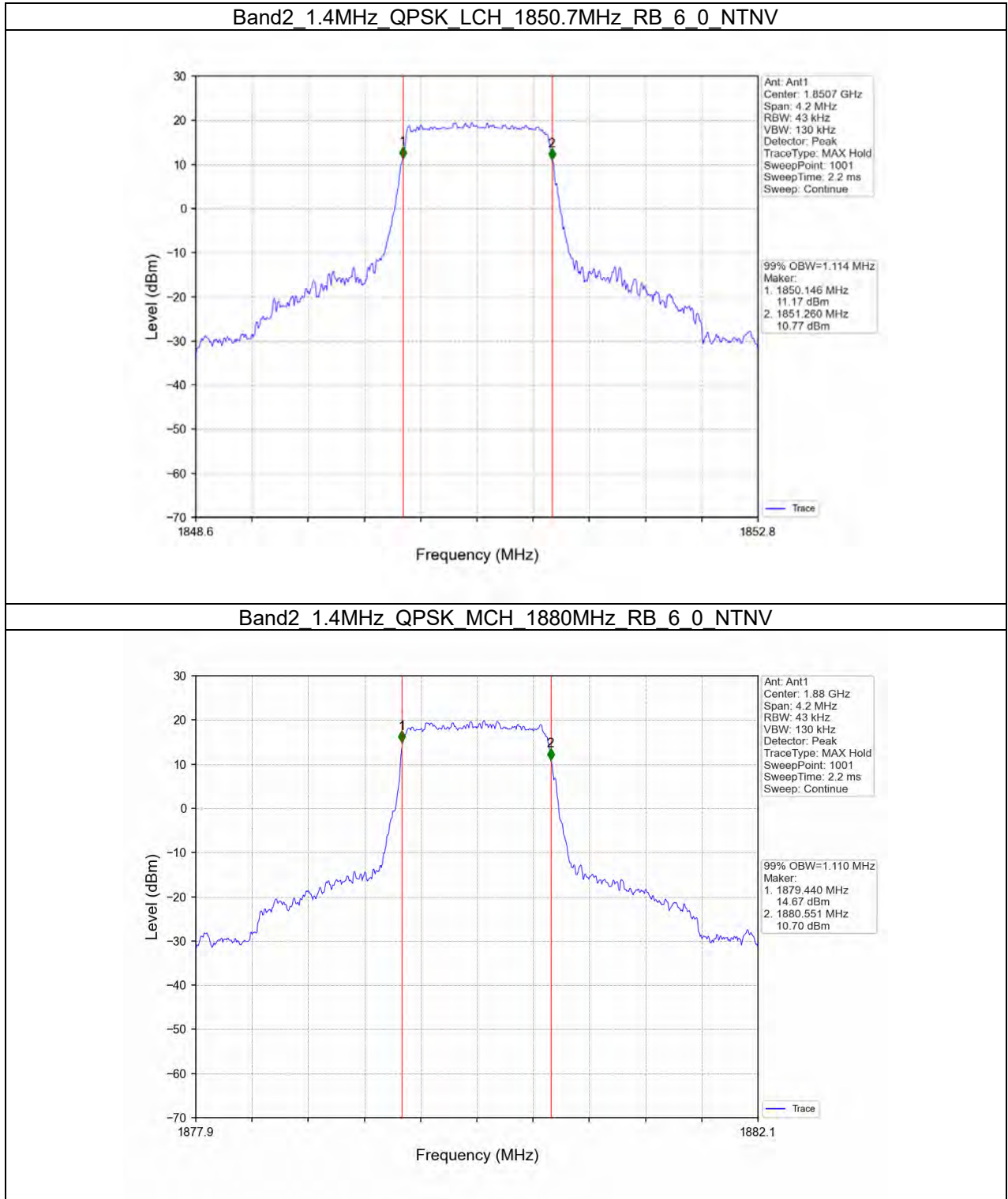
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		1907.5	25	0	4.556	Pass
		1852.5	25	0	4.540	Pass
	64QAM	1880	25	0	4.538	Pass
		1907.5	25	0	4.539	Pass
		1855	50	0	9.077	Pass
10	QPSK	1880	50	0	9.061	Pass
		1905	50	0	9.065	Pass
		1855	50	0	9.059	Pass
	16QAM	1880	50	0	9.055	Pass
		1905	50	0	9.050	Pass
		1855	50	0	9.067	Pass
	64QAM	1880	50	0	9.026	Pass
		1905	50	0	9.053	Pass
		1857.5	75	0	13.583	Pass
15	QPSK	1880	75	0	13.580	Pass
		1902.5	75	0	13.574	Pass
		1857.5	75	0	13.610	Pass
	16QAM	1880	75	0	13.602	Pass
		1902.5	75	0	13.592	Pass
		1857.5	75	0	13.566	Pass
	64QAM	1880	75	0	13.609	Pass
		1902.5	75	0	13.604	Pass
		1860	100	0	18.118	Pass
20	QPSK	1880	100	0	18.066	Pass
		1900	100	0	18.113	Pass
		1860	100	0	18.192	Pass
	16QAM	1880	100	0	18.106	Pass
		1900	100	0	18.118	Pass
		1860	100	0	18.097	Pass
	64QAM	1880	100	0	18.095	Pass
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Test Report No.: W7L-220503W001RF05

Test Graph

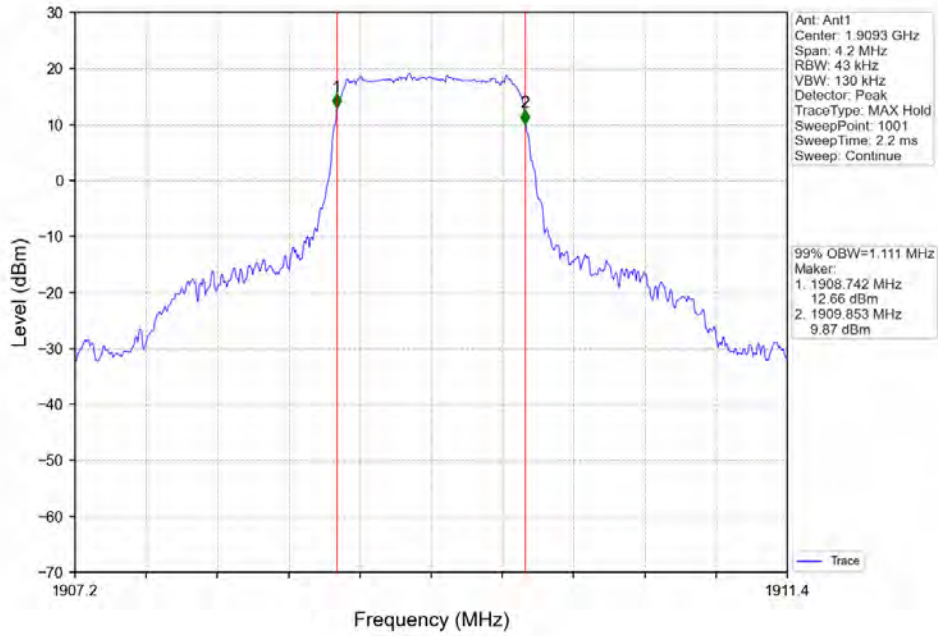




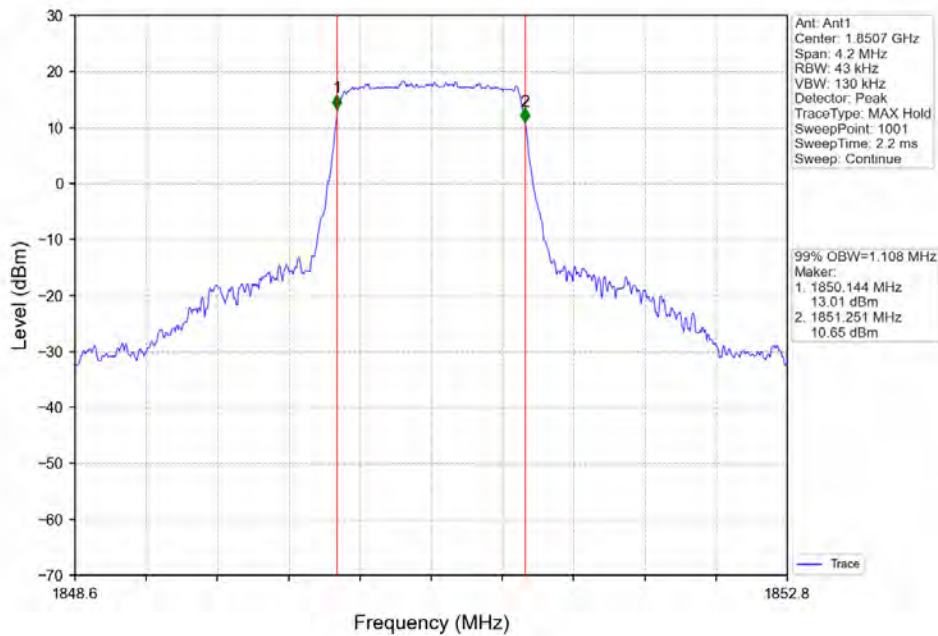
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Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

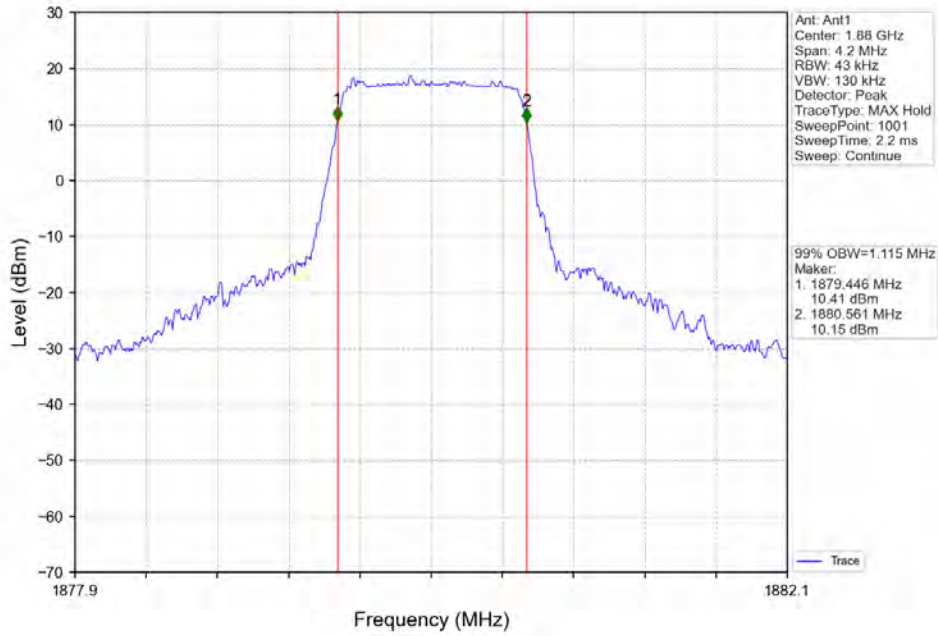




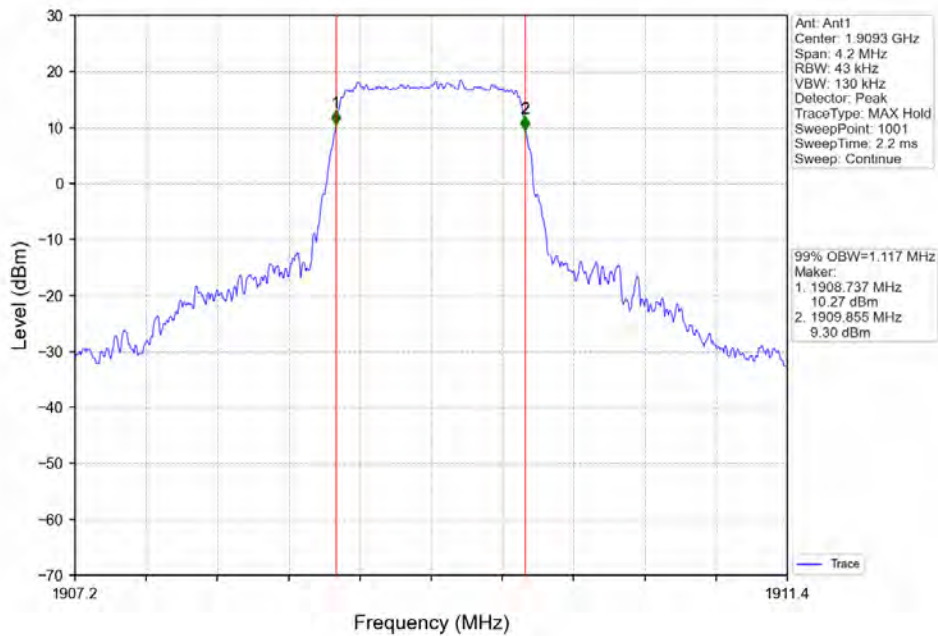
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Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

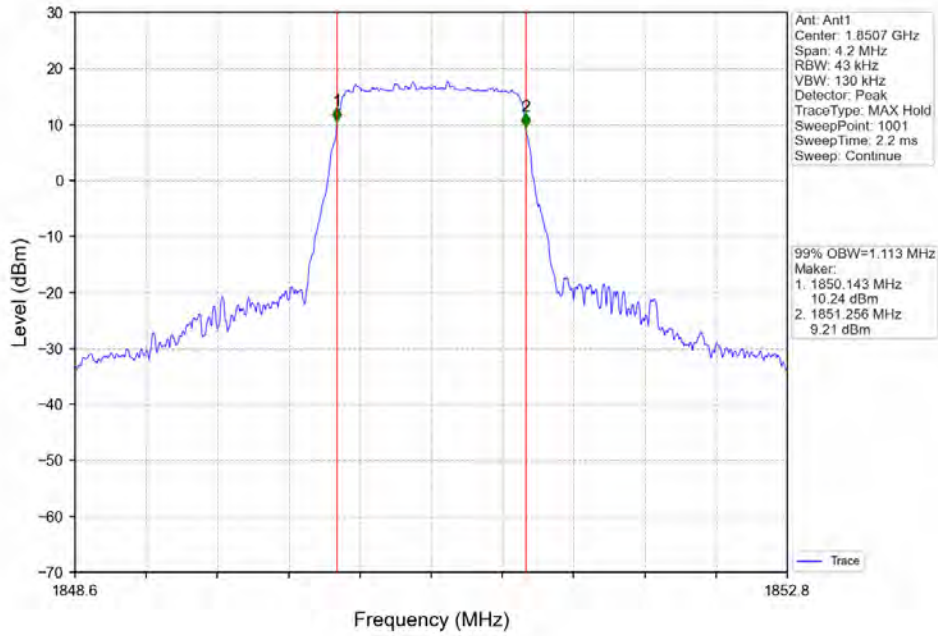




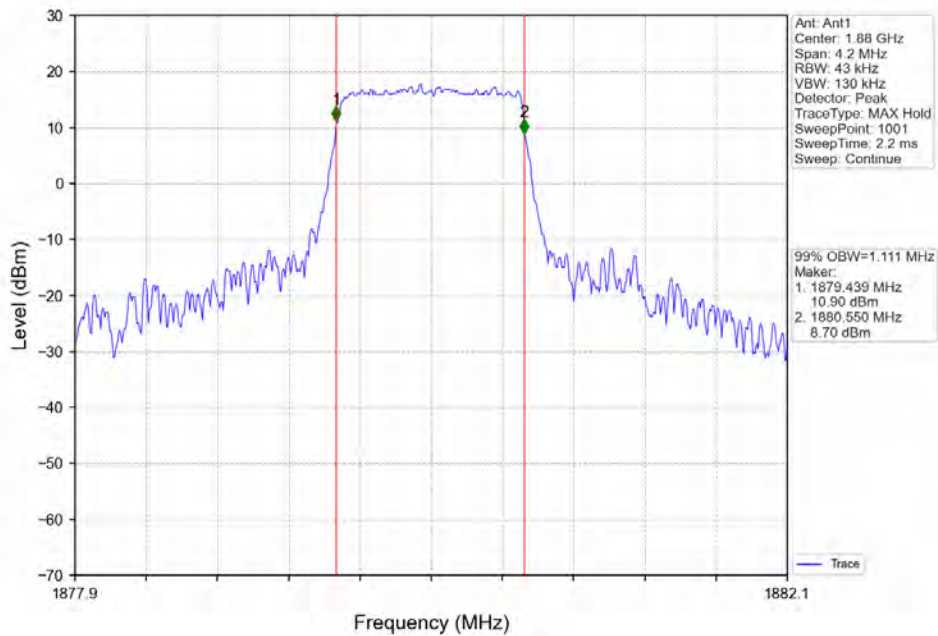
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

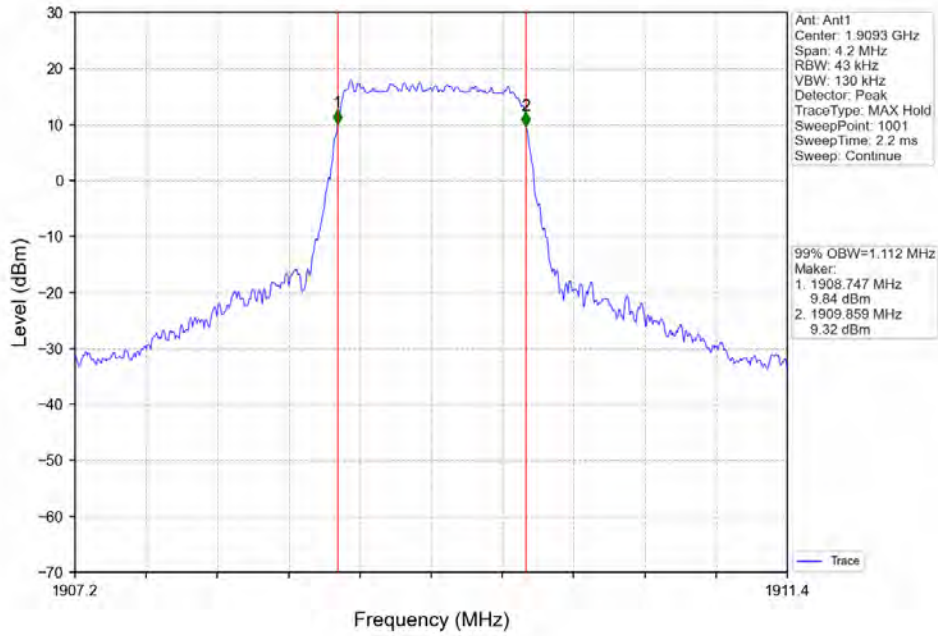




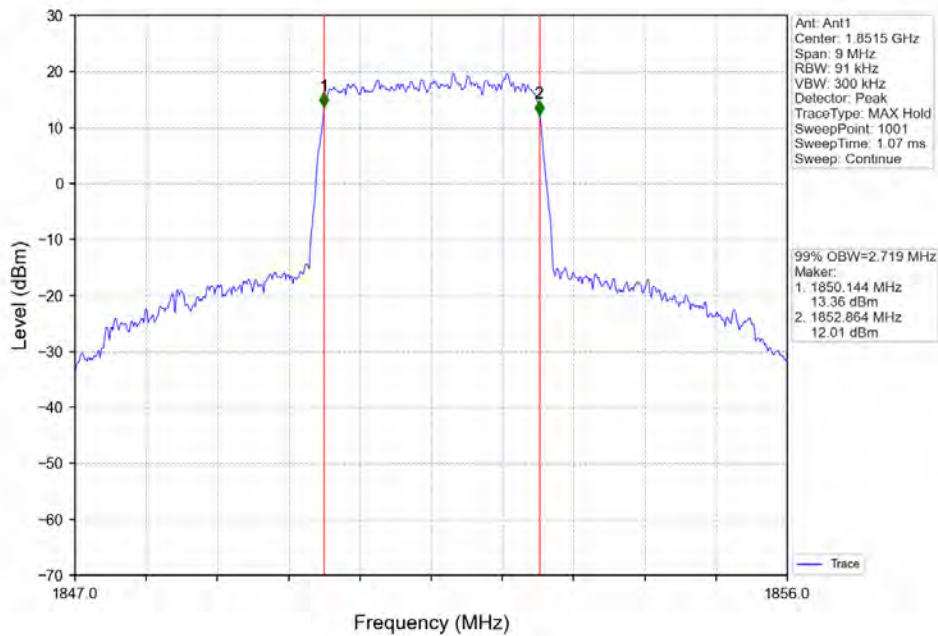
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

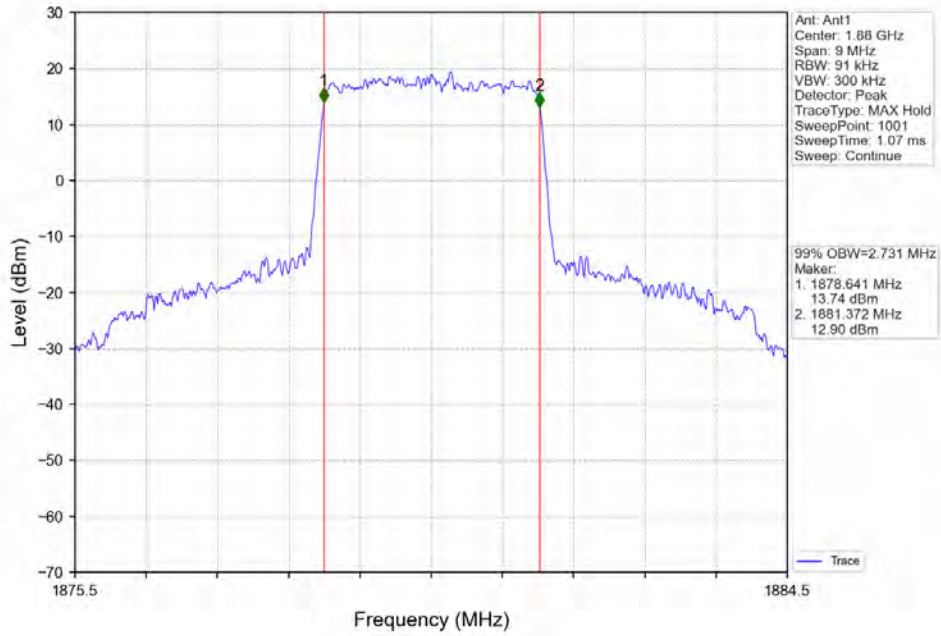




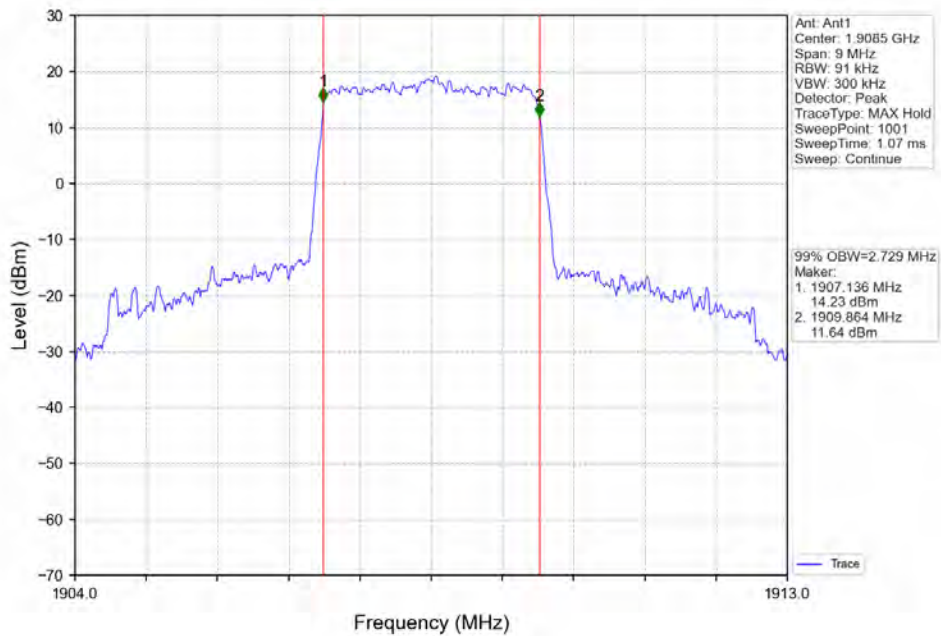
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

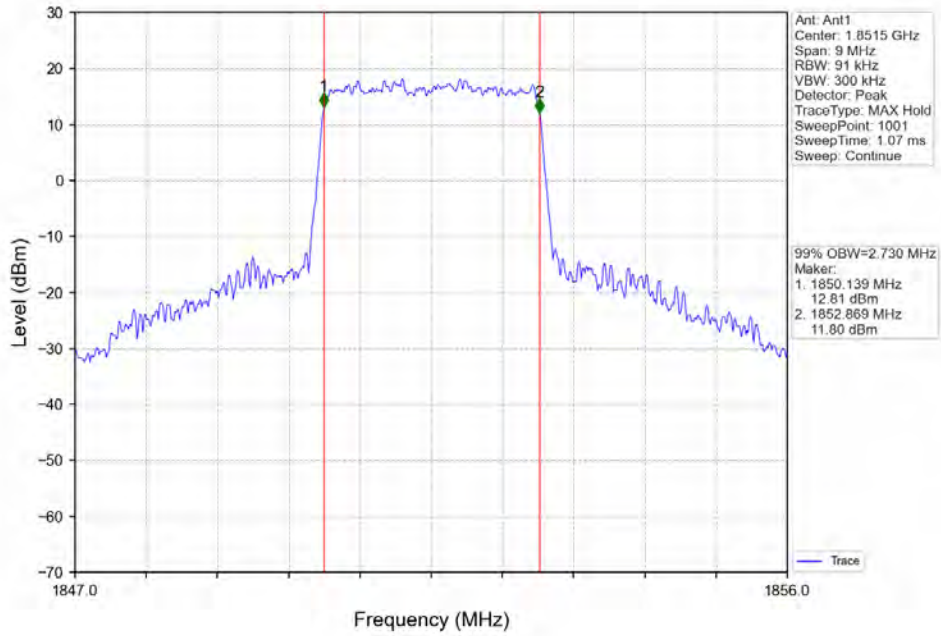




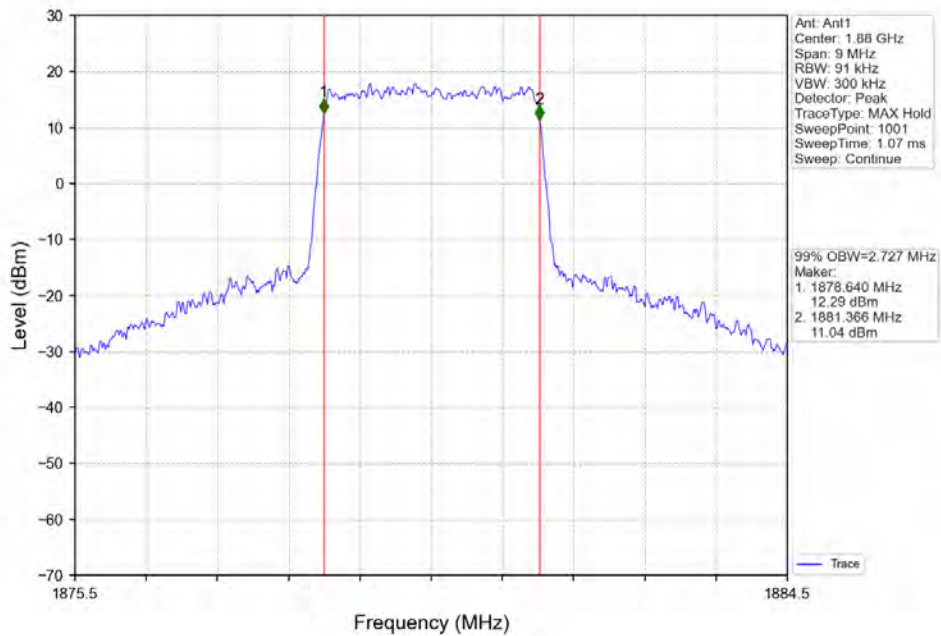
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

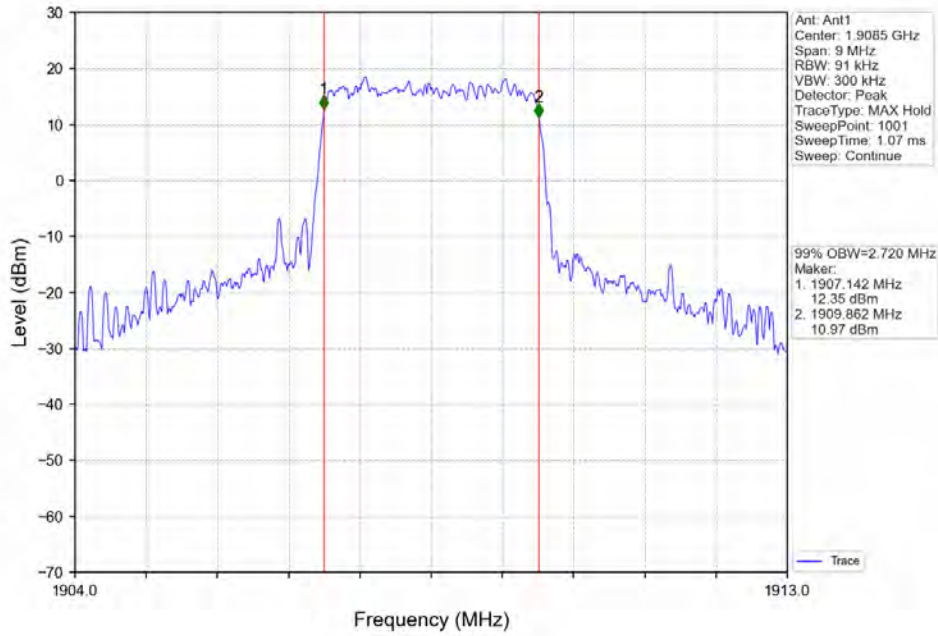




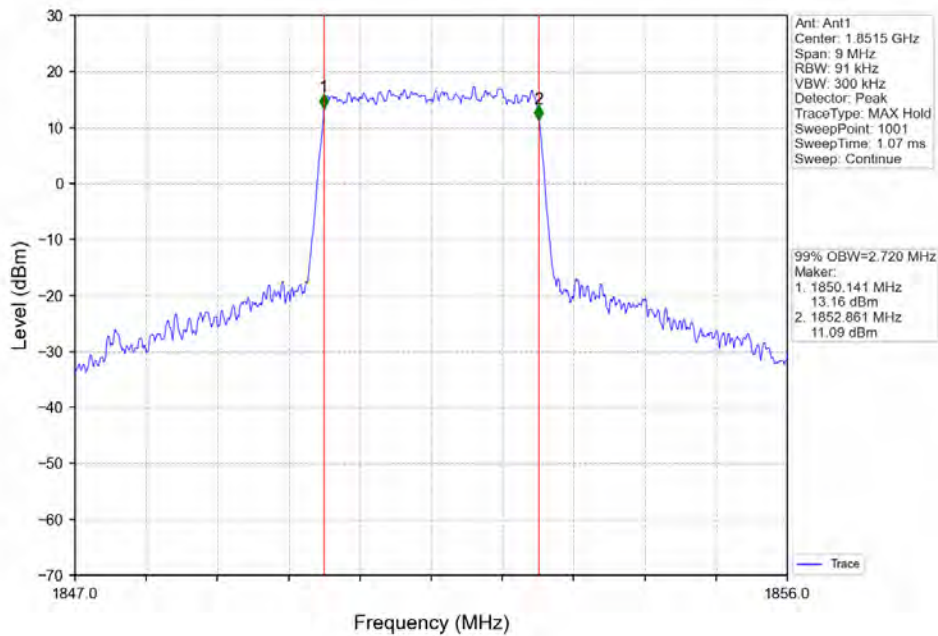
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

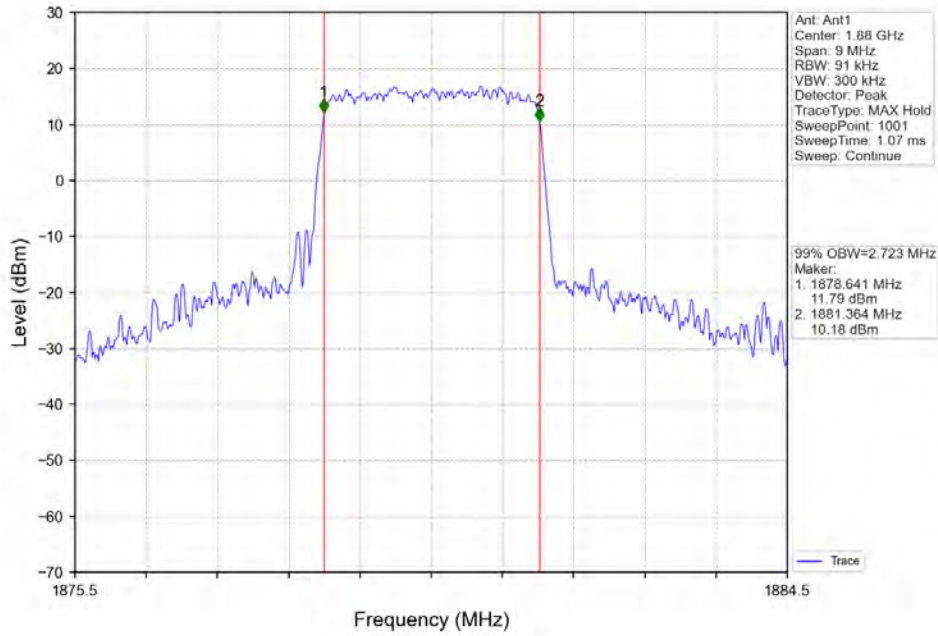




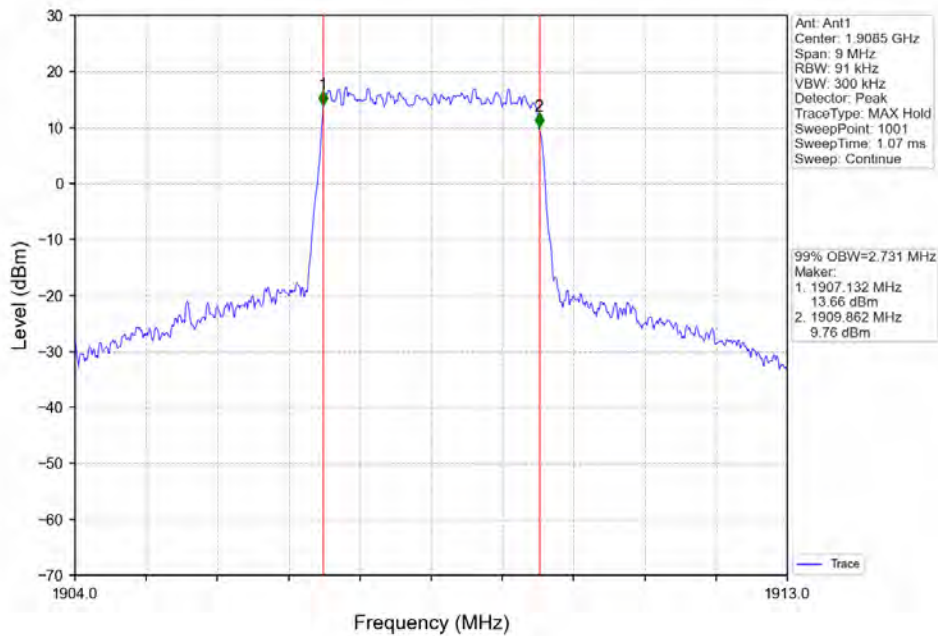
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

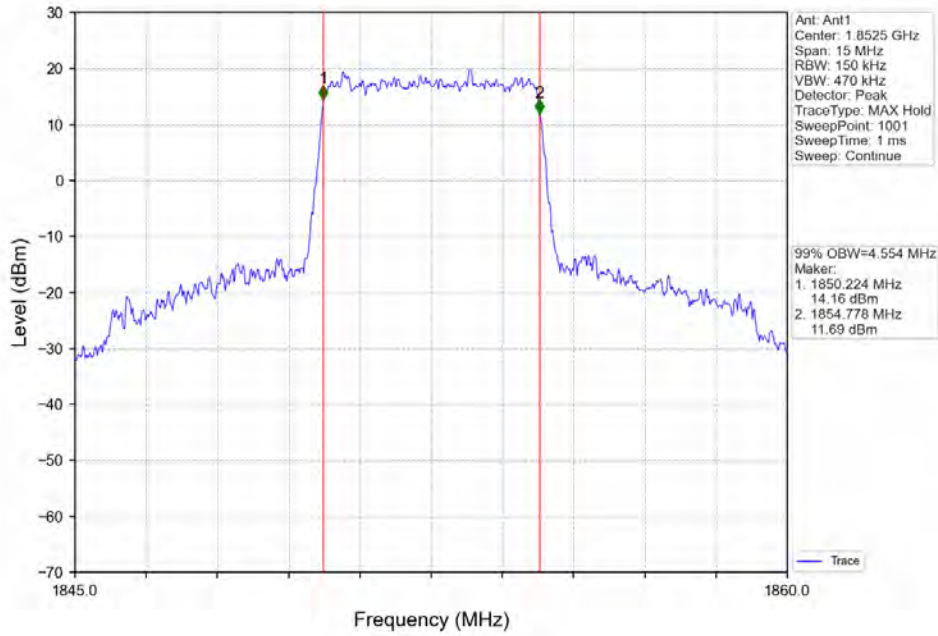




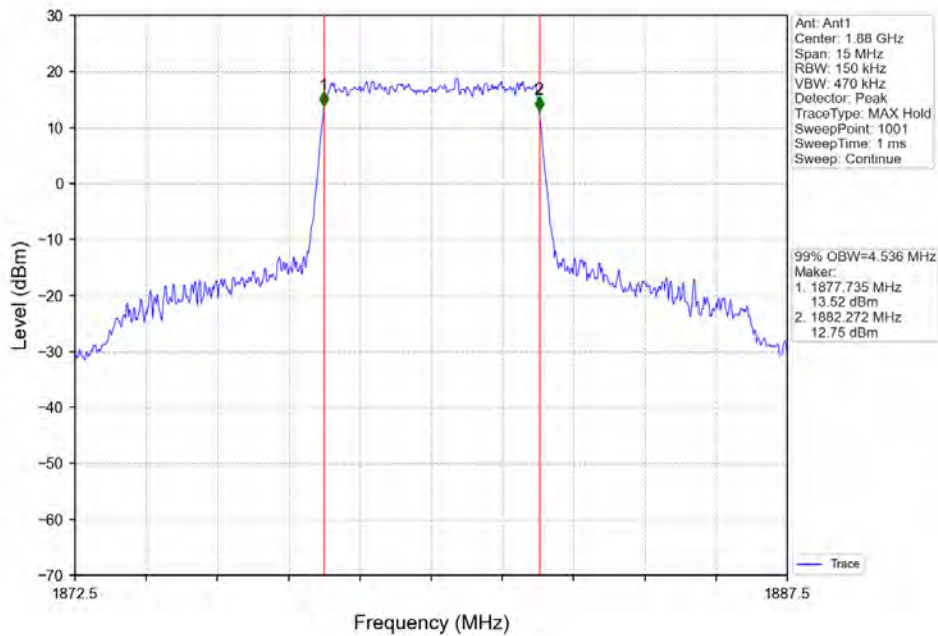
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

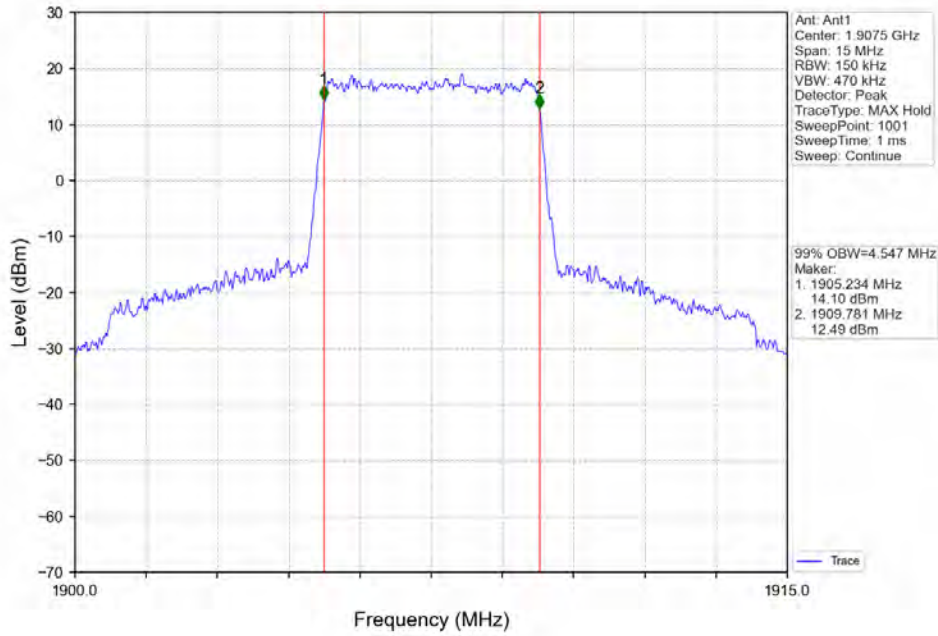




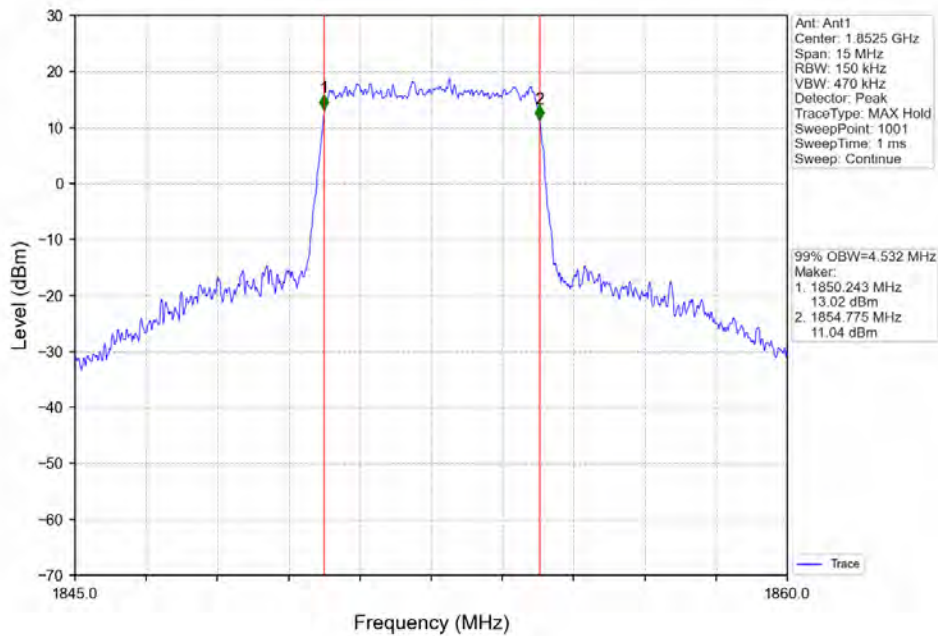
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

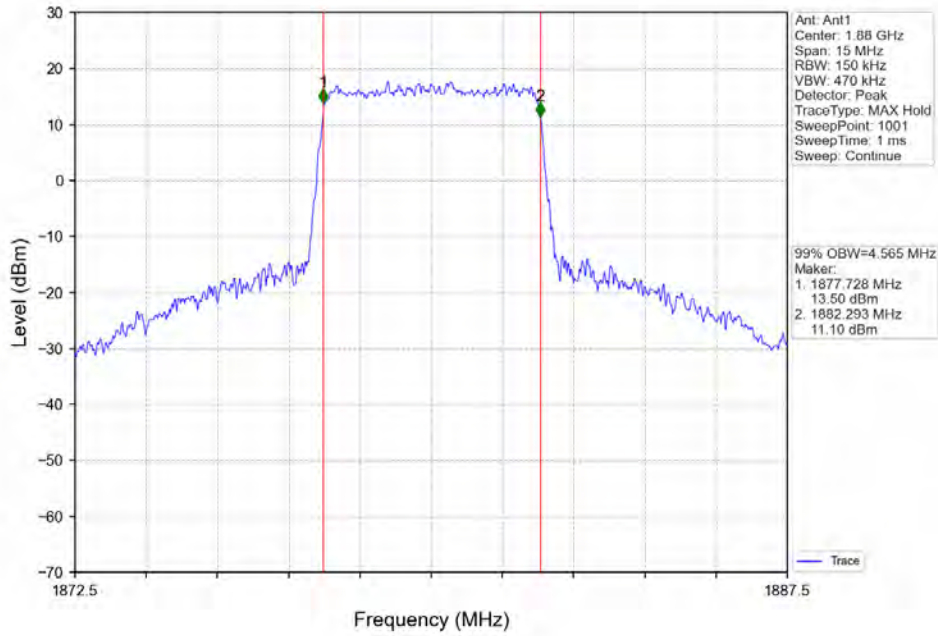




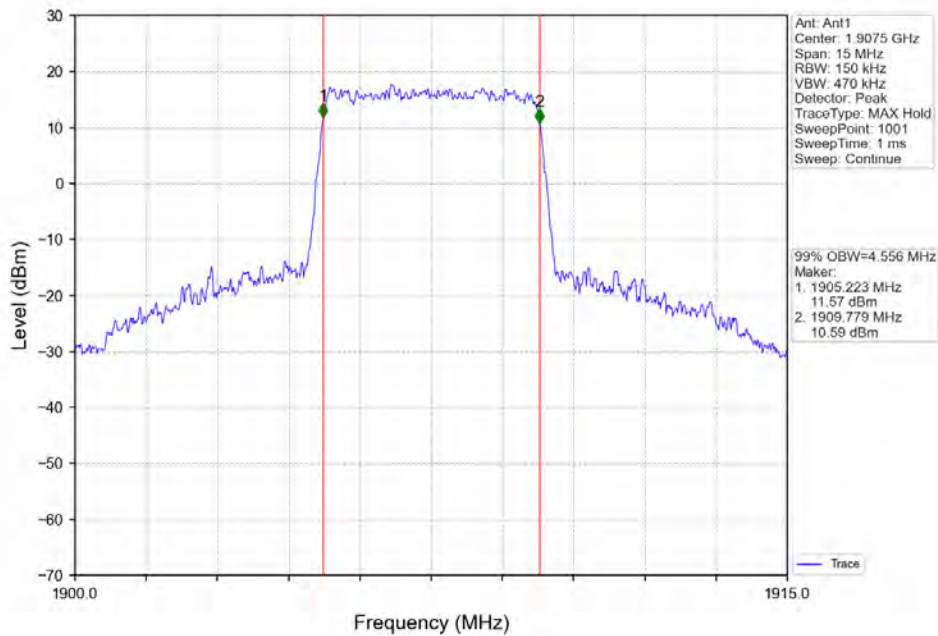
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

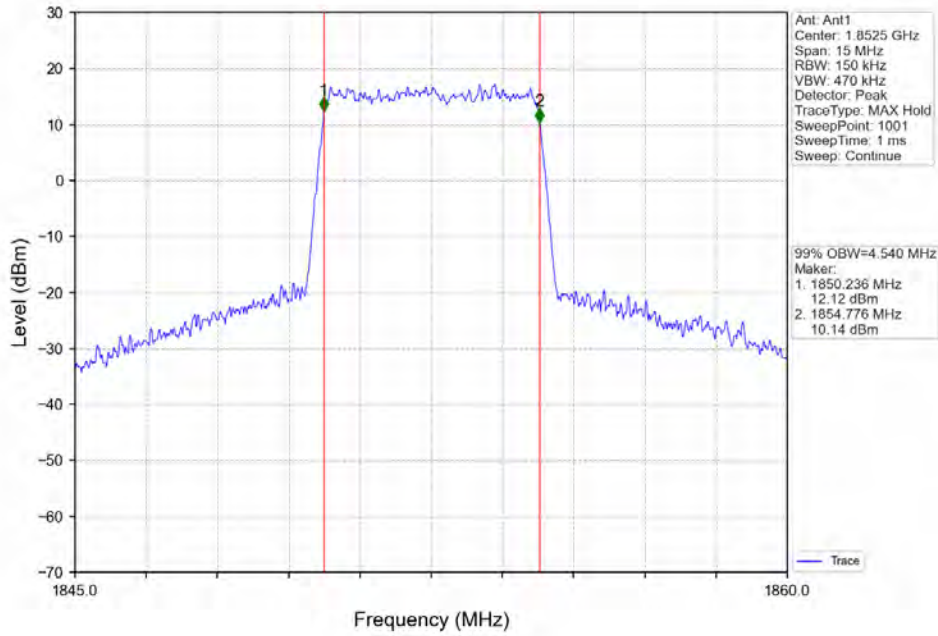




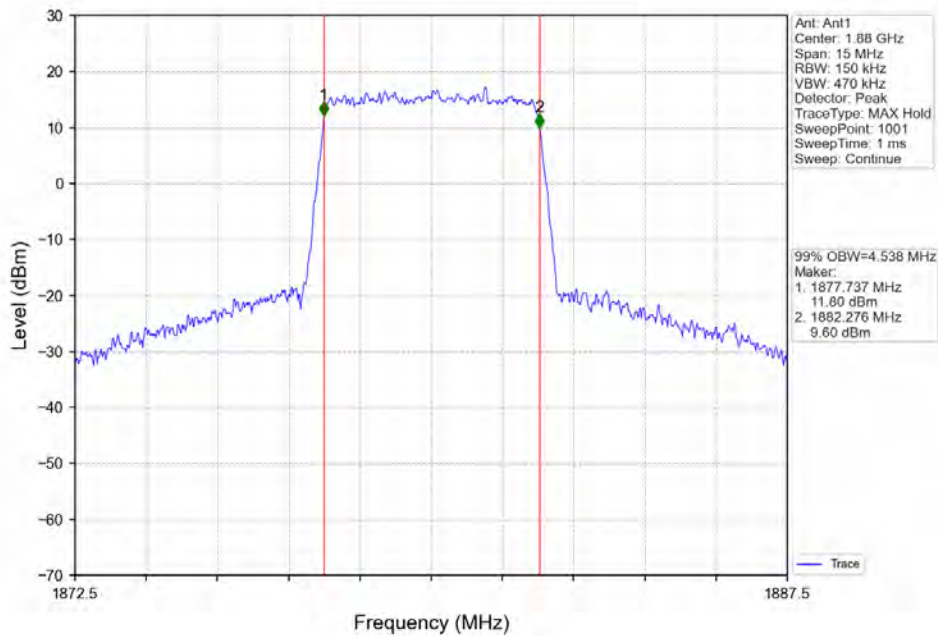
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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

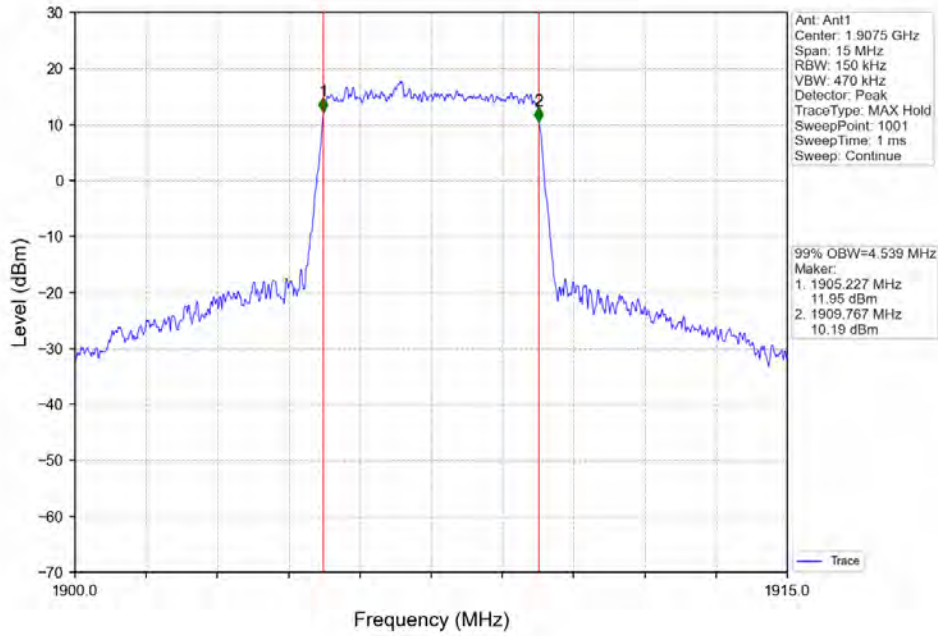




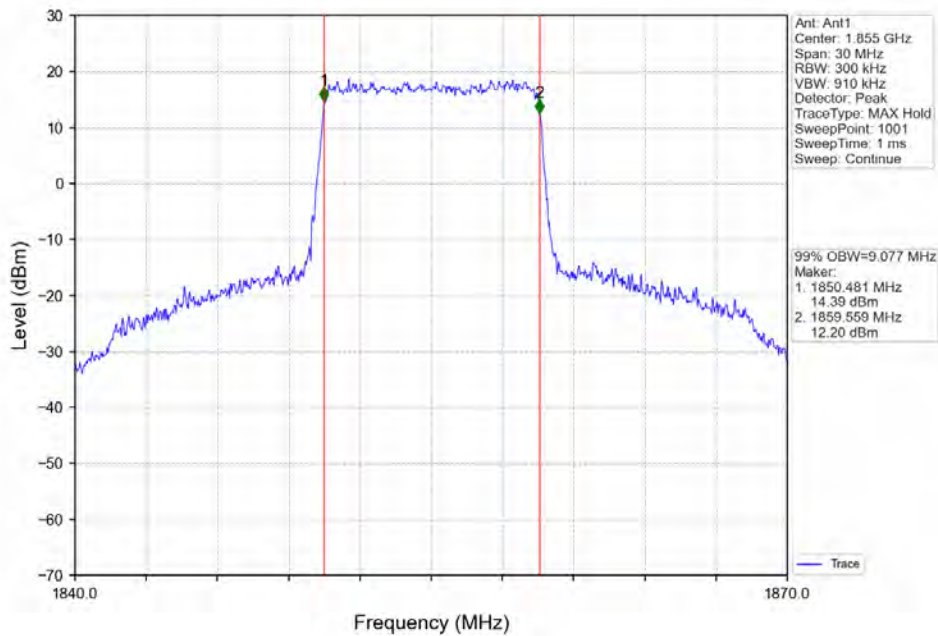
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

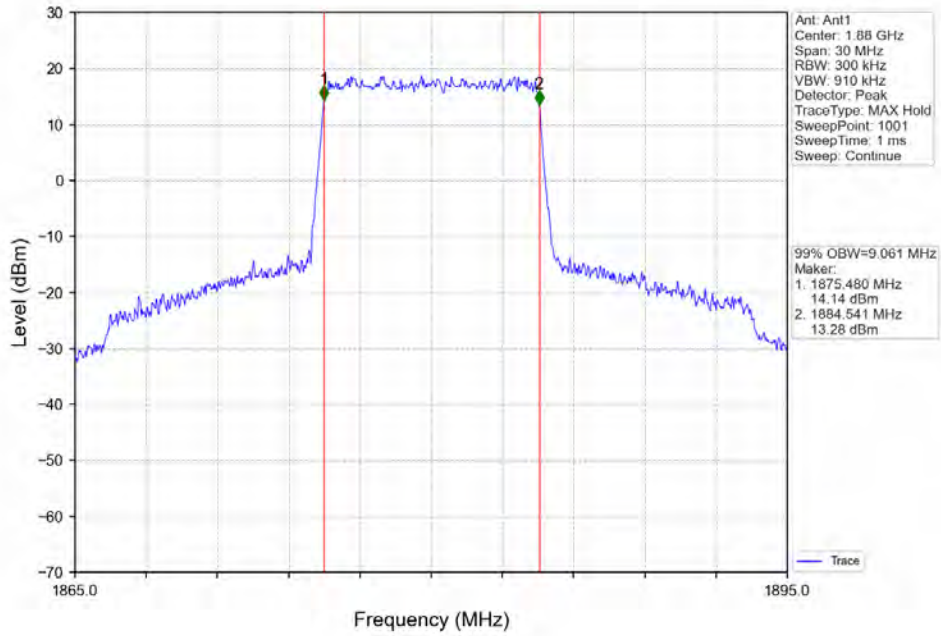




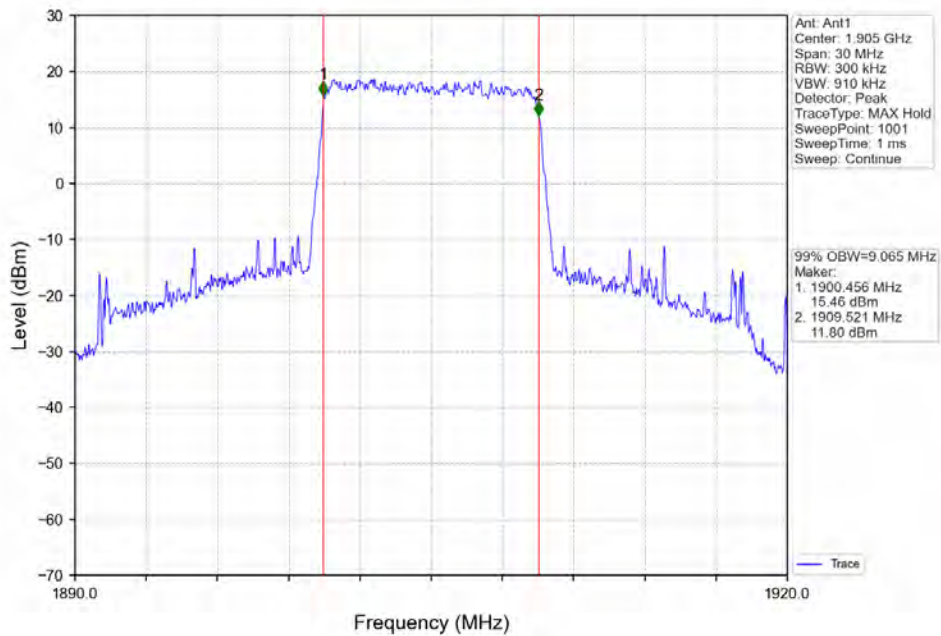
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

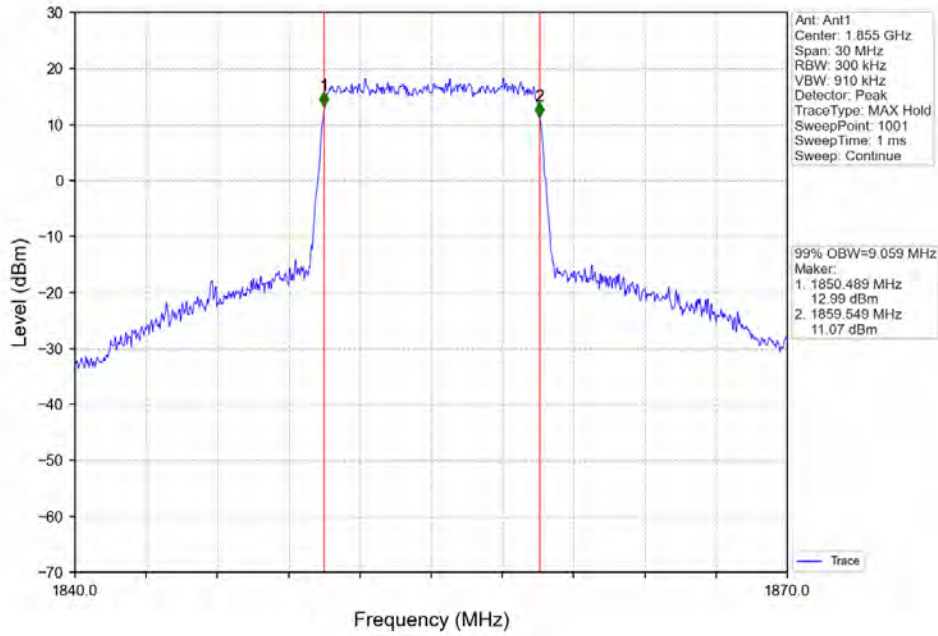




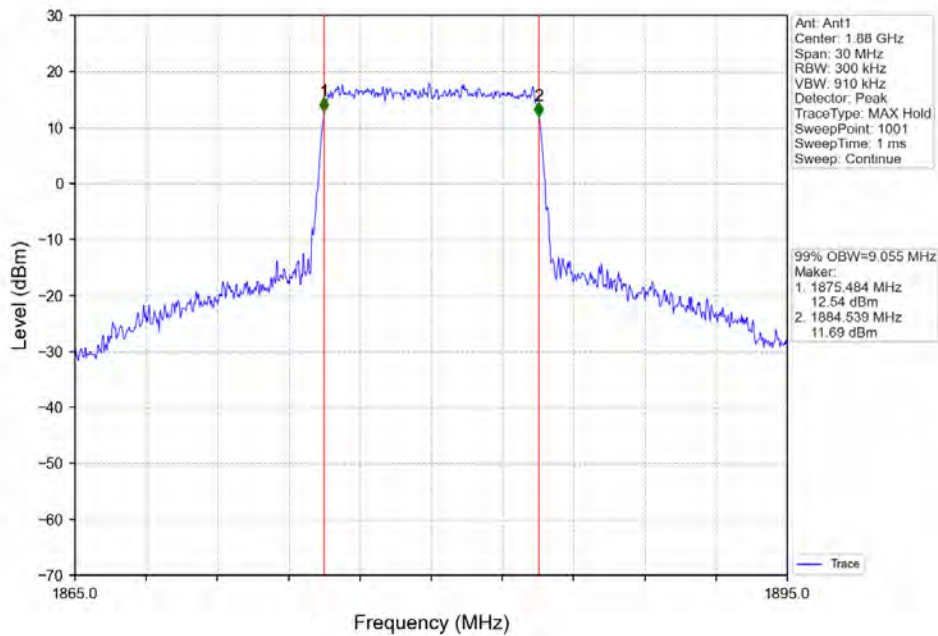
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

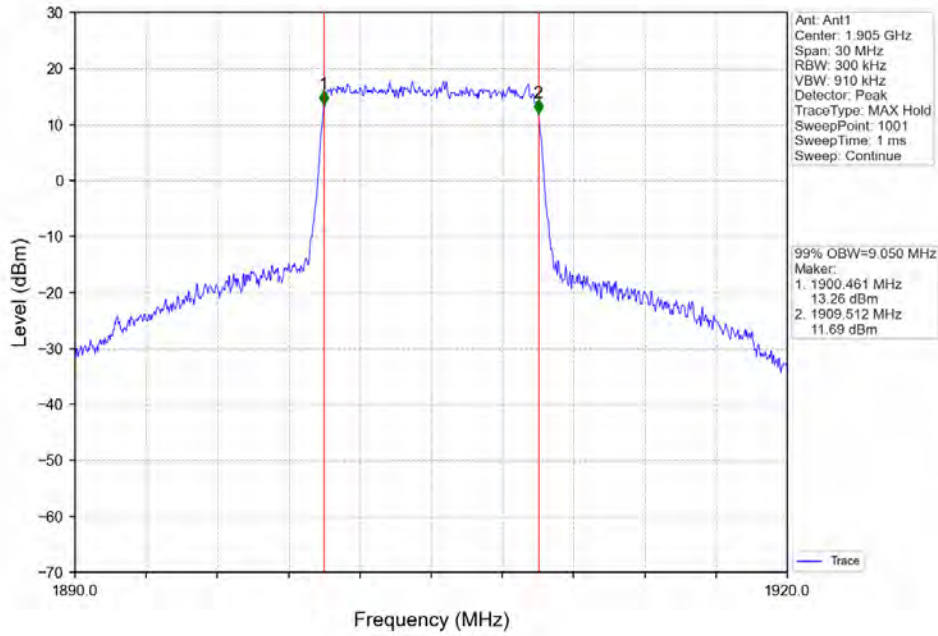




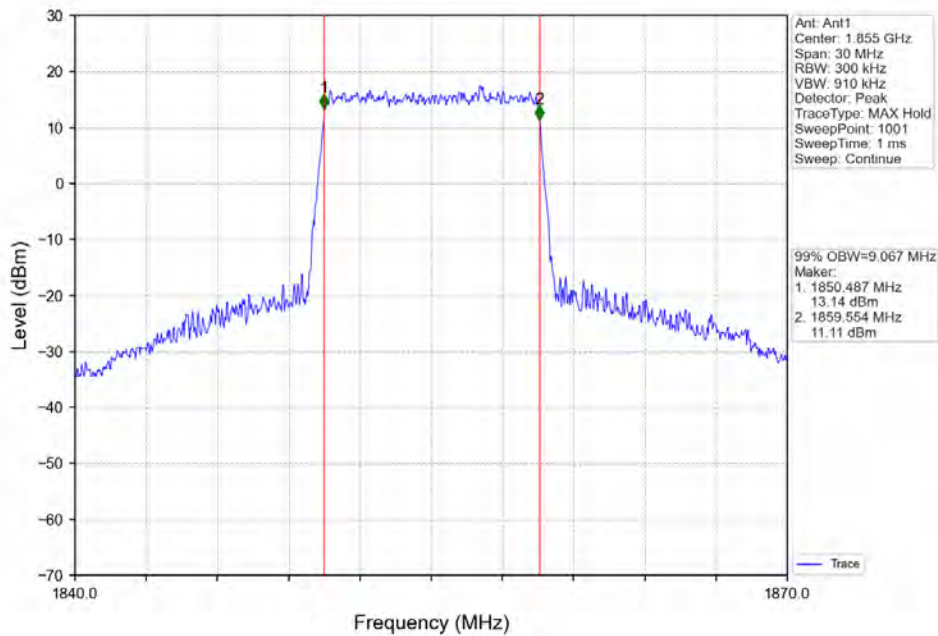
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

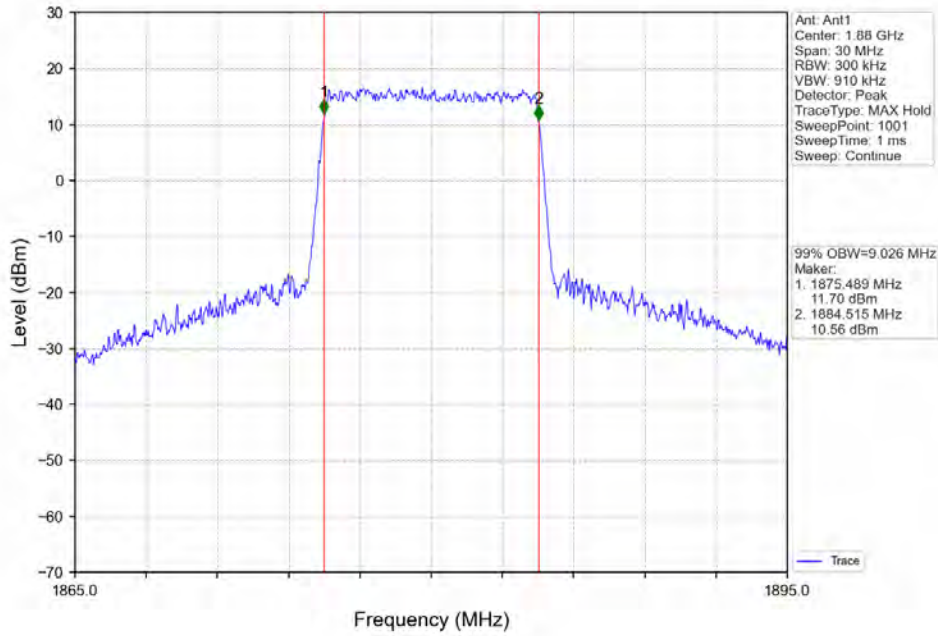




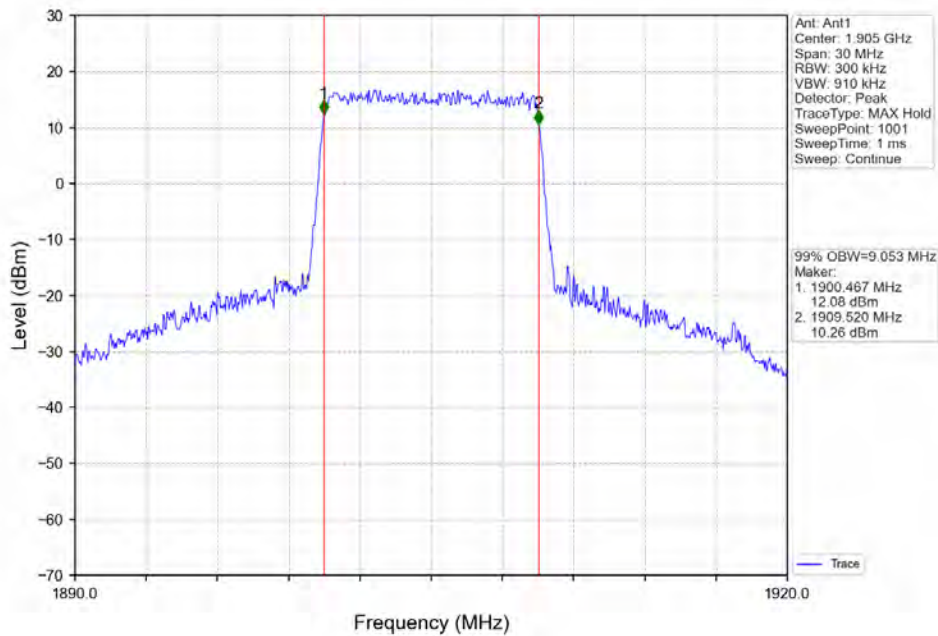
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV

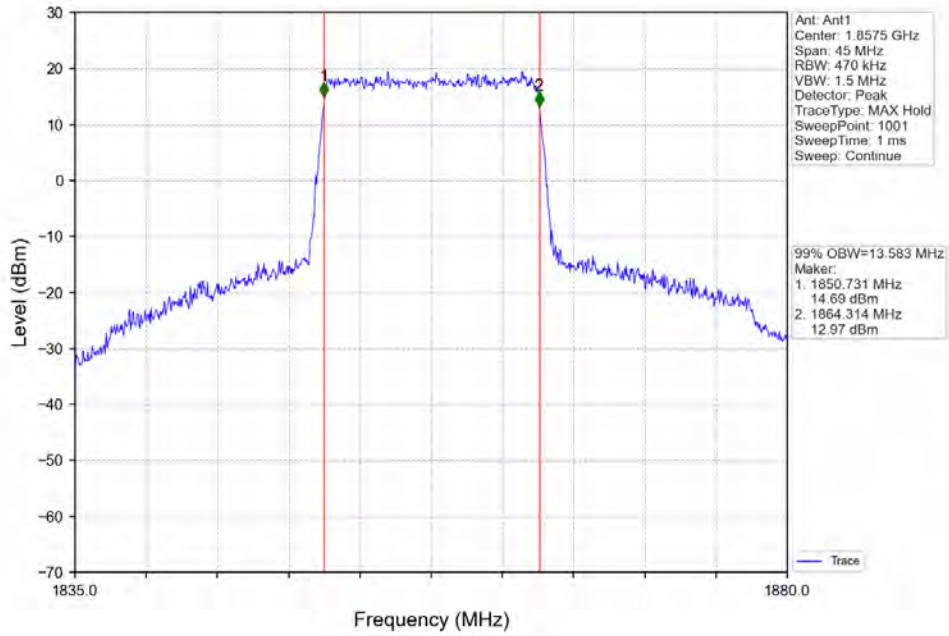




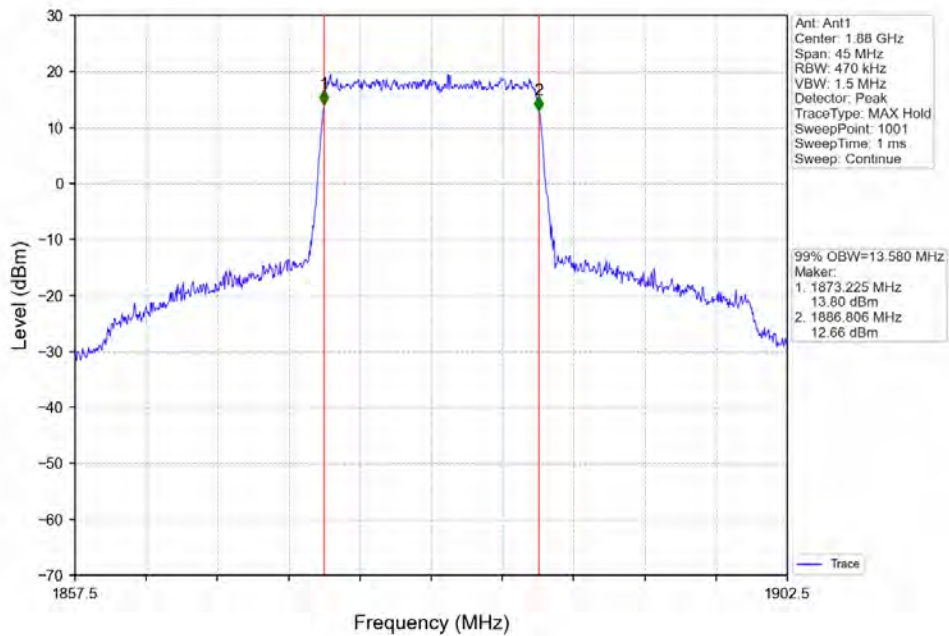
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

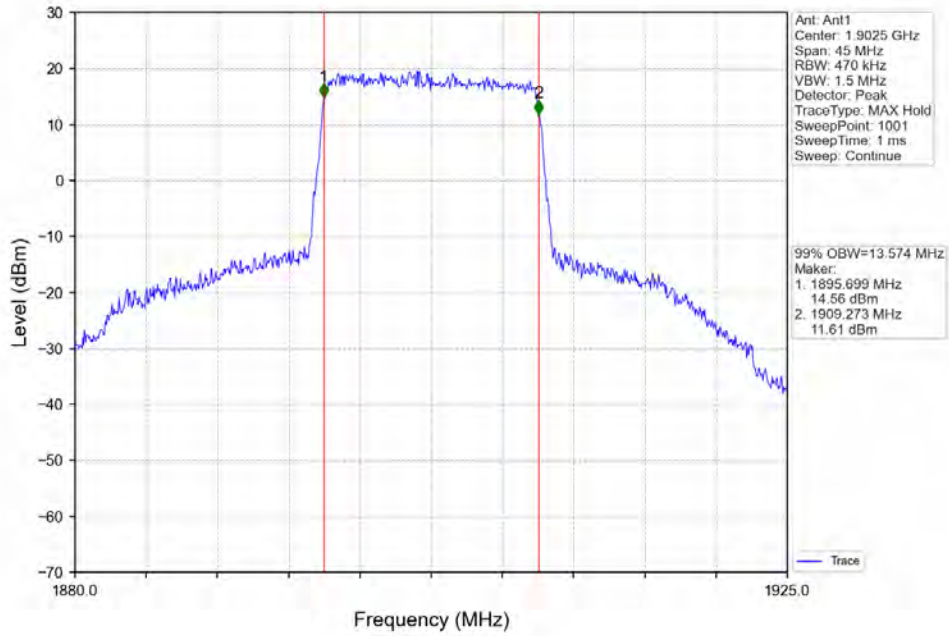




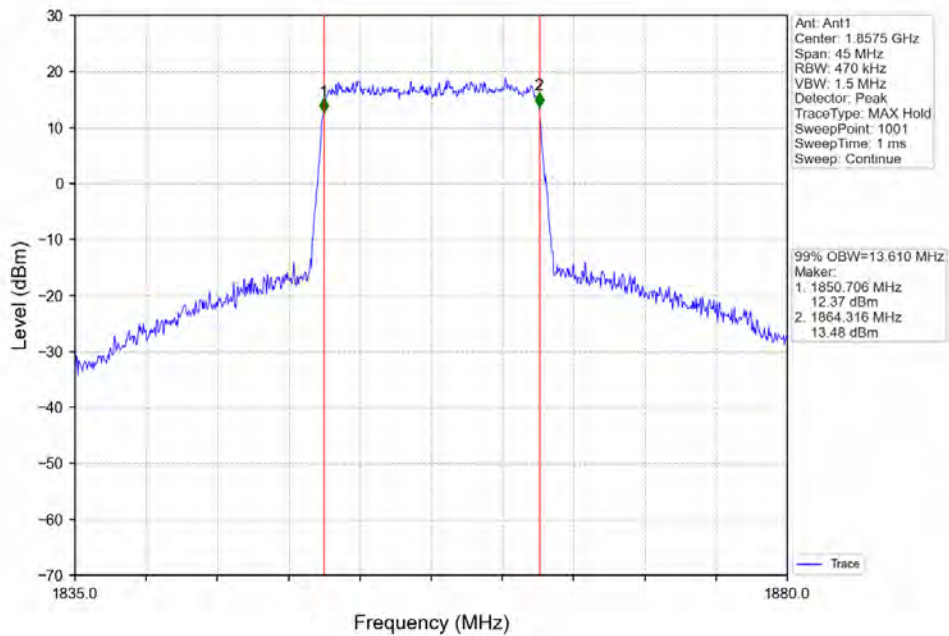
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

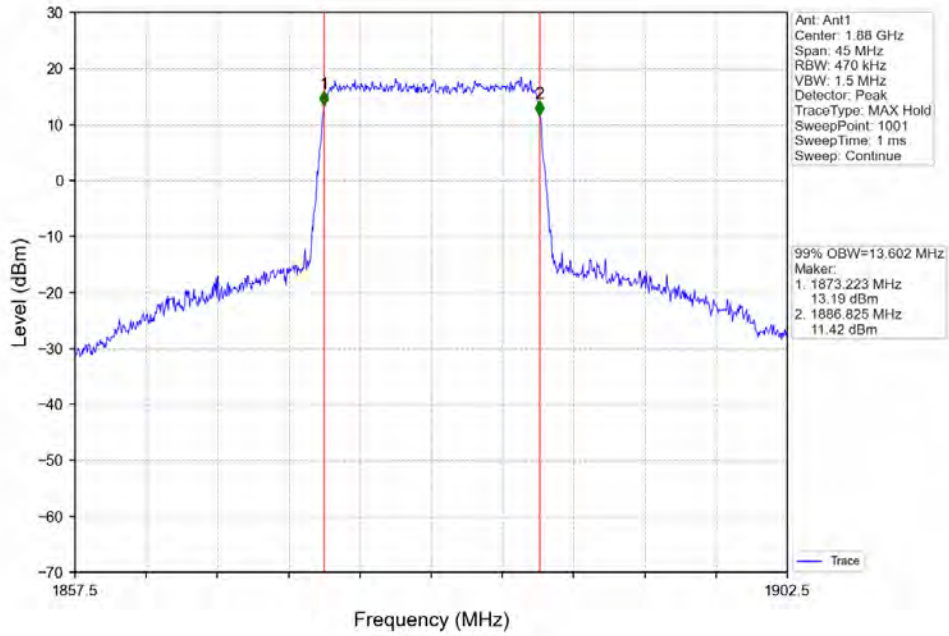




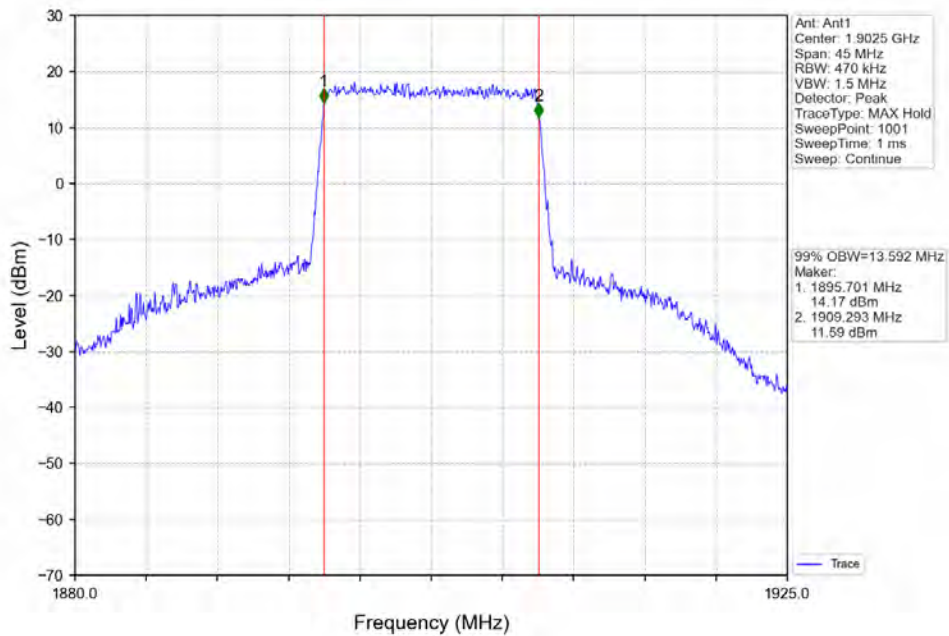
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

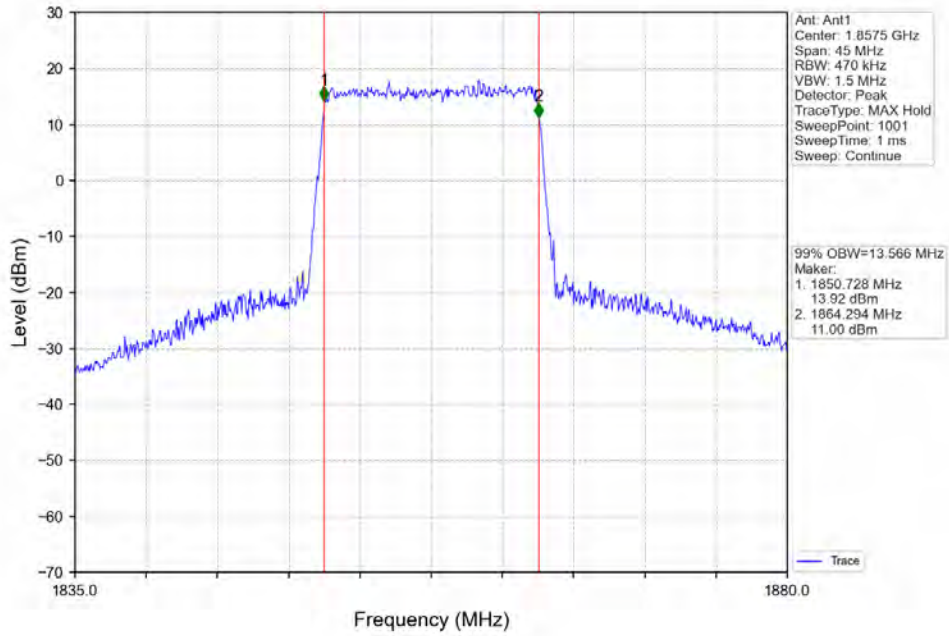




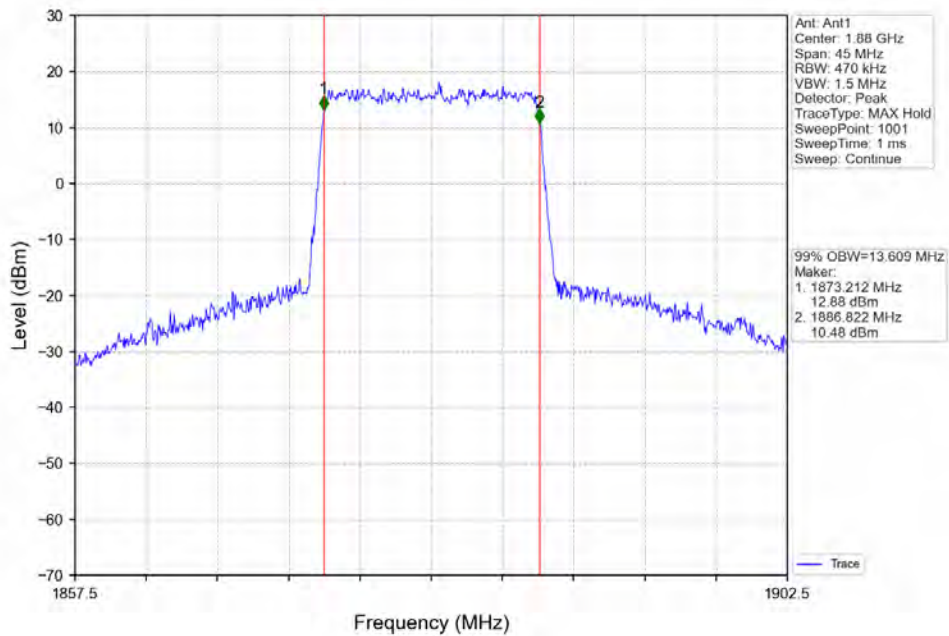
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV

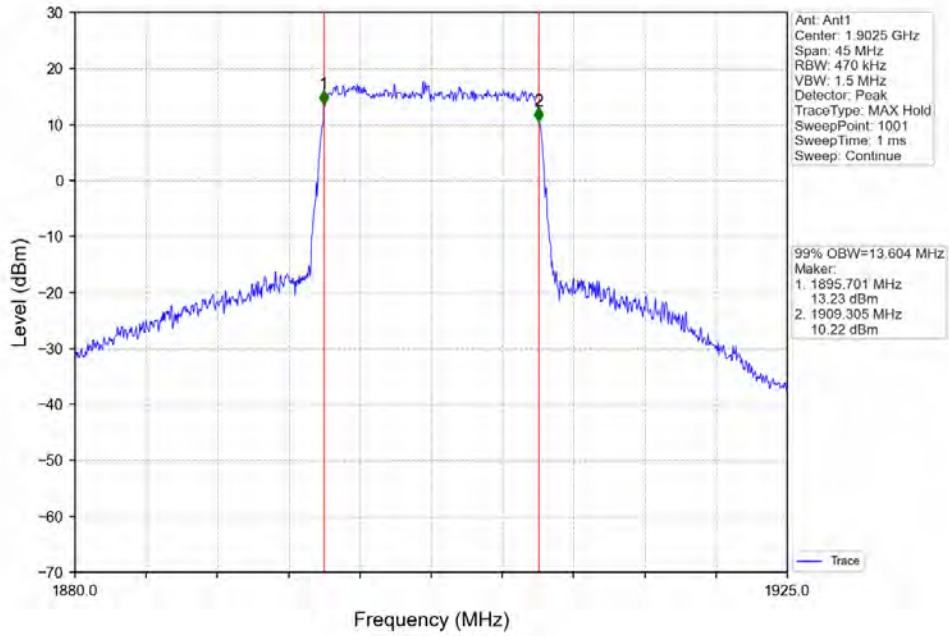




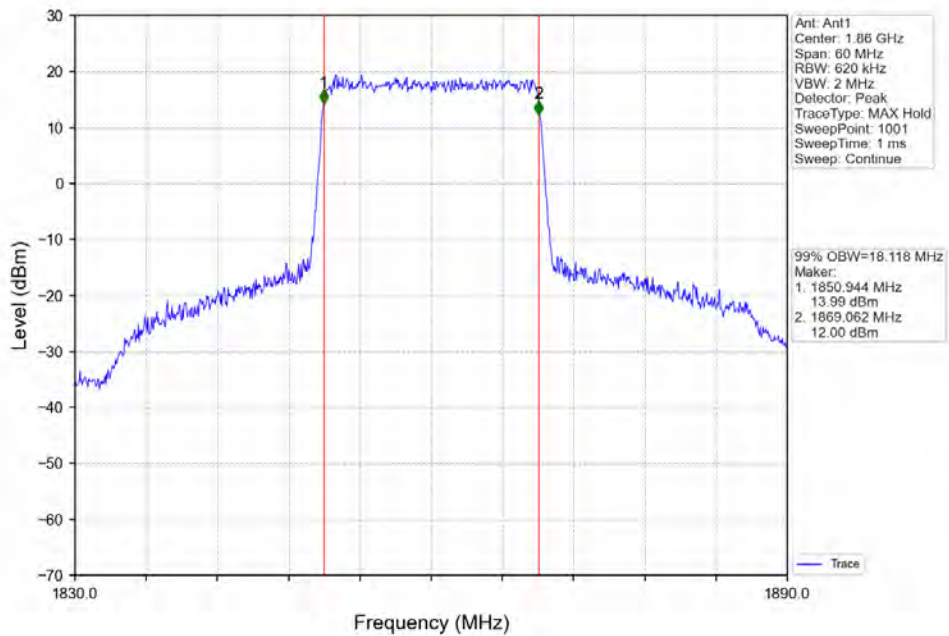
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

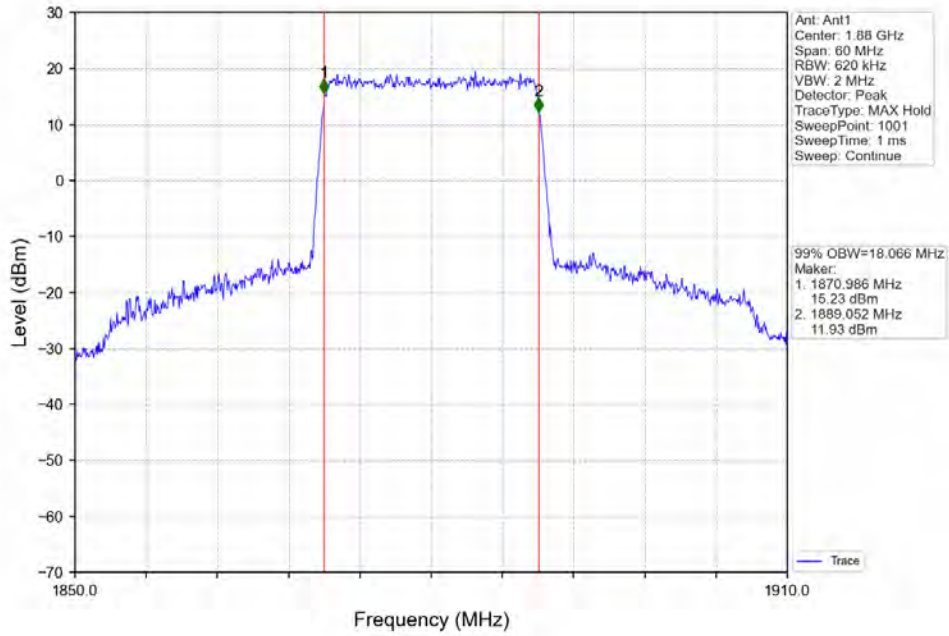




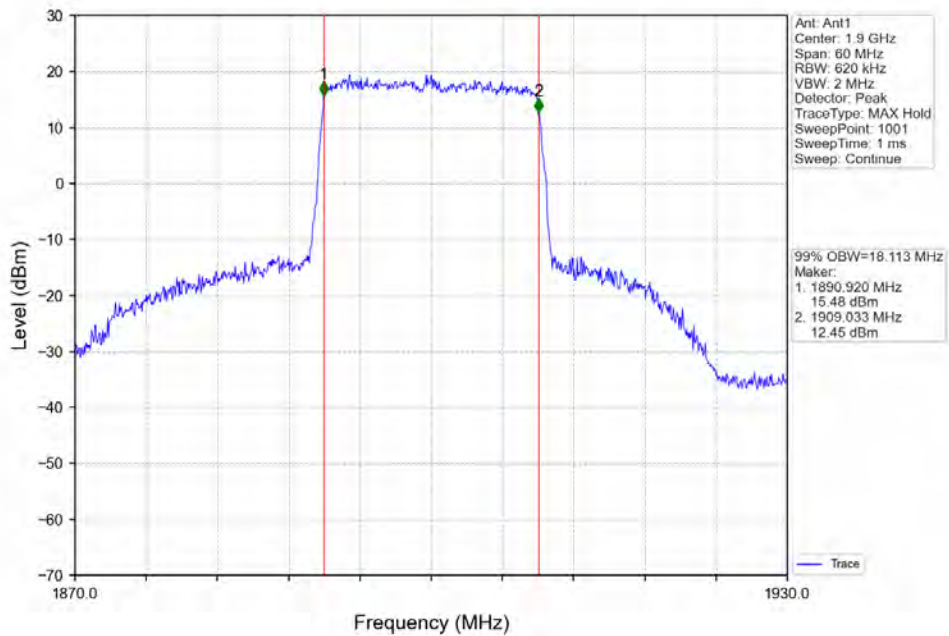
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

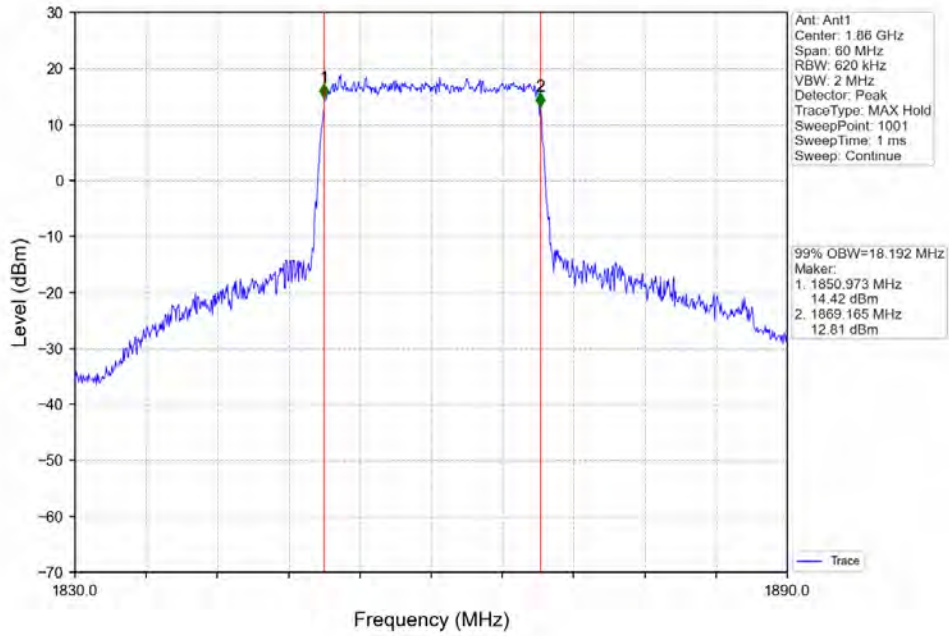




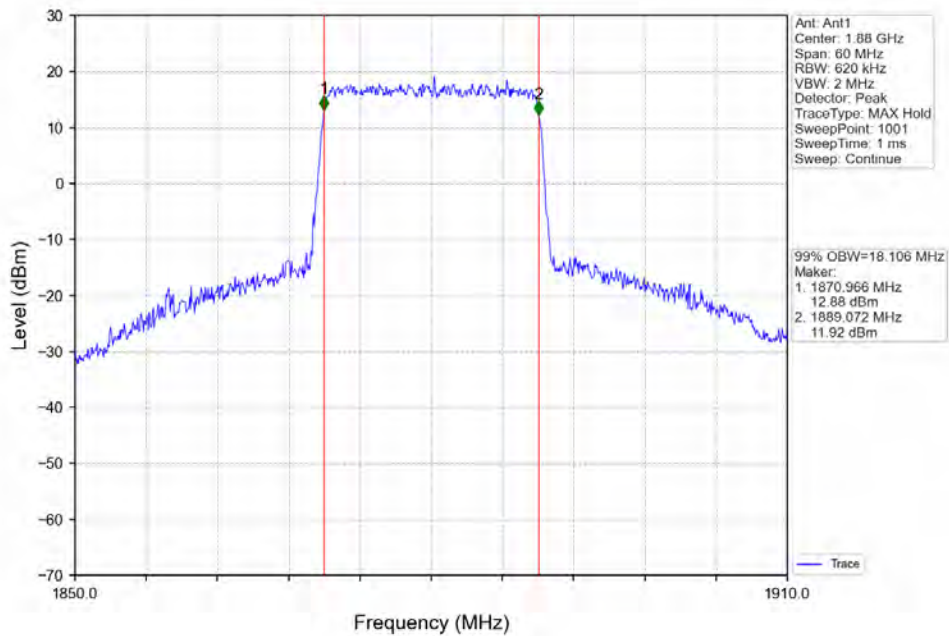
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Test Report No.: W7L-220503W001RF05

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNv

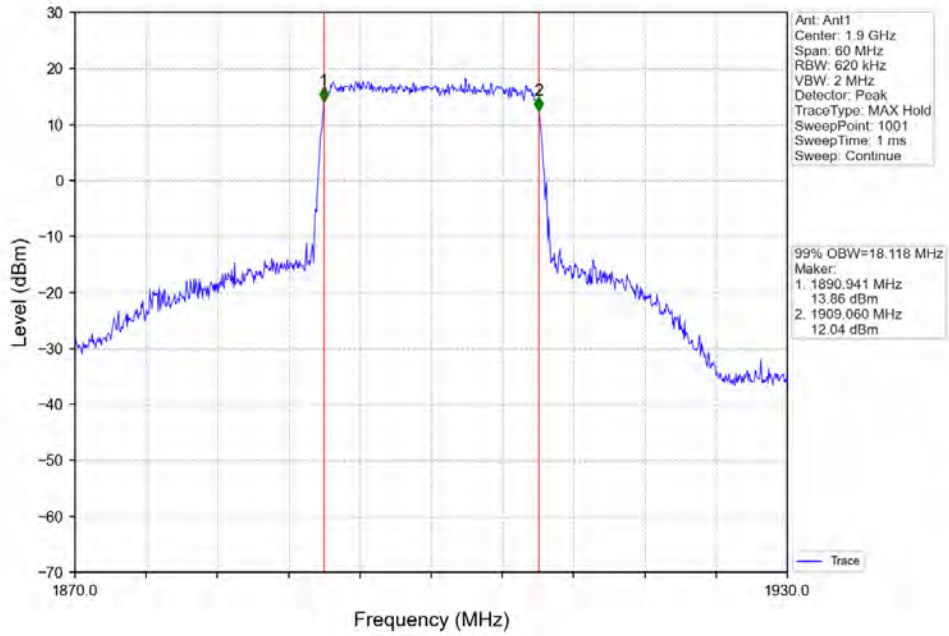




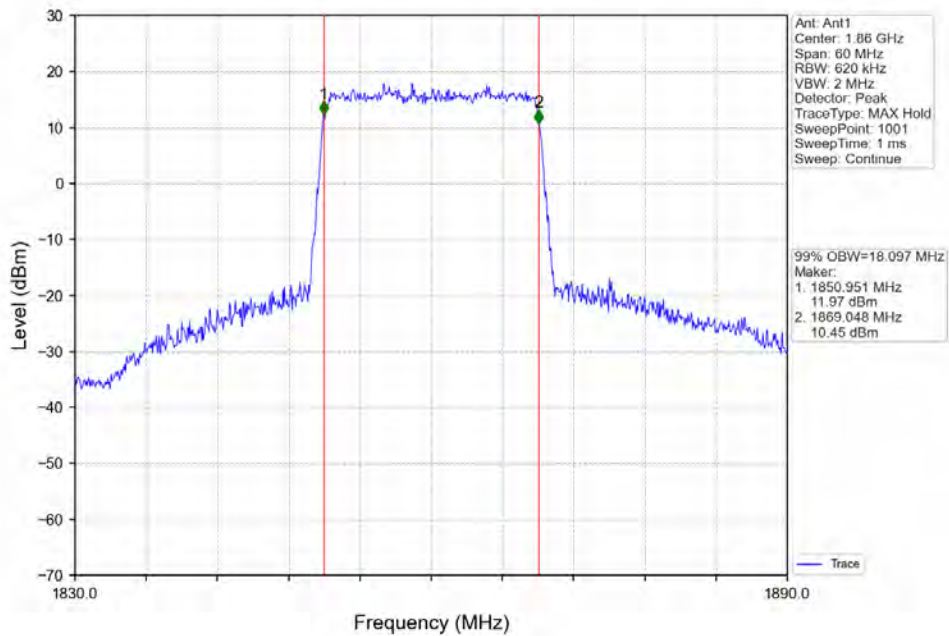
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

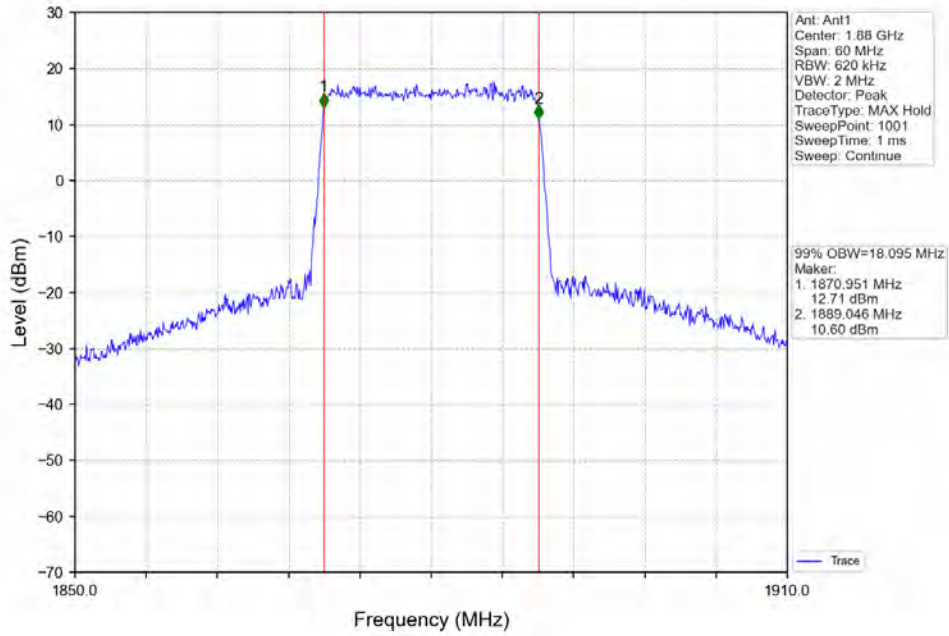




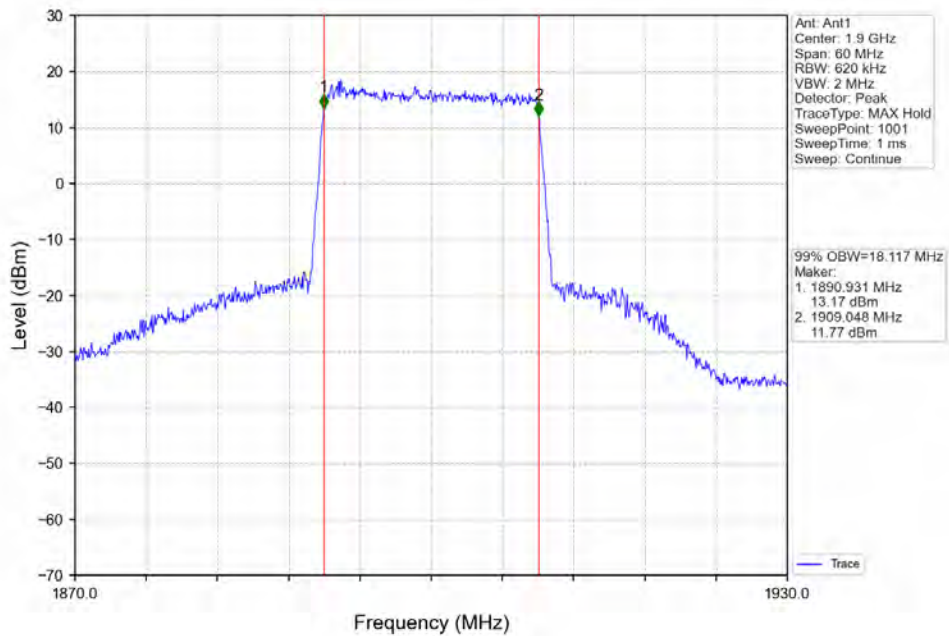
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV





26DB_BW

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	1.326	Pass
		1880	6	0	1.322	Pass
		1909.3	6	0	1.325	Pass
	16QAM	1850.7	6	0	1.317	Pass
		1880	6	0	1.328	Pass
		1909.3	6	0	1.332	Pass
	64QAM	1850.7	6	0	1.338	Pass
		1880	6	0	1.359	Pass
		1909.3	6	0	1.303	Pass
3	QPSK	1851.5	15	0	3.003	Pass
		1880	15	0	2.982	Pass
		1908.5	15	0	3.003	Pass
	16QAM	1851.5	15	0	3.008	Pass
		1880	15	0	3.001	Pass
		1908.5	15	0	3.449	Pass
	64QAM	1851.5	15	0	2.979	Pass
		1880	15	0	3.084	Pass
		1908.5	15	0	2.991	Pass
5	QPSK	1852.5	25	0	5.046	Pass
		1880	25	0	5.005	Pass
		1907.5	25	0	5.044	Pass
	16QAM	1852.5	25	0	5.006	Pass
		1880	25	0	5.062	Pass
		1907.5	25	0	5.046	Pass
	64QAM	1852.5	25	0	5.021	Pass
		1880	25	0	5.044	Pass
		1907.5	25	0	4.992	Pass
10	QPSK	1855	50	0	10.027	Pass
		1880	50	0	9.957	Pass
		1905	50	0	9.984	Pass
	16QAM	1855	50	0	9.916	Pass
		1880	50	0	9.985	Pass
		1905	50	0	9.951	Pass
	64QAM	1855	50	0	9.977	Pass
		1880	50	0	9.908	Pass
		1905	50	0	9.969	Pass
15	QPSK	1857.5	75	0	14.902	Pass
		1880	75	0	14.887	Pass
		1902.5	75	0	14.967	Pass
	16QAM	1857.5	75	0	14.886	Pass
		1880	75	0	14.912	Pass
		1902.5	75	0	14.872	Pass
	64QAM	1857.5	75	0	14.836	Pass
		1880	75	0	14.885	Pass



BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

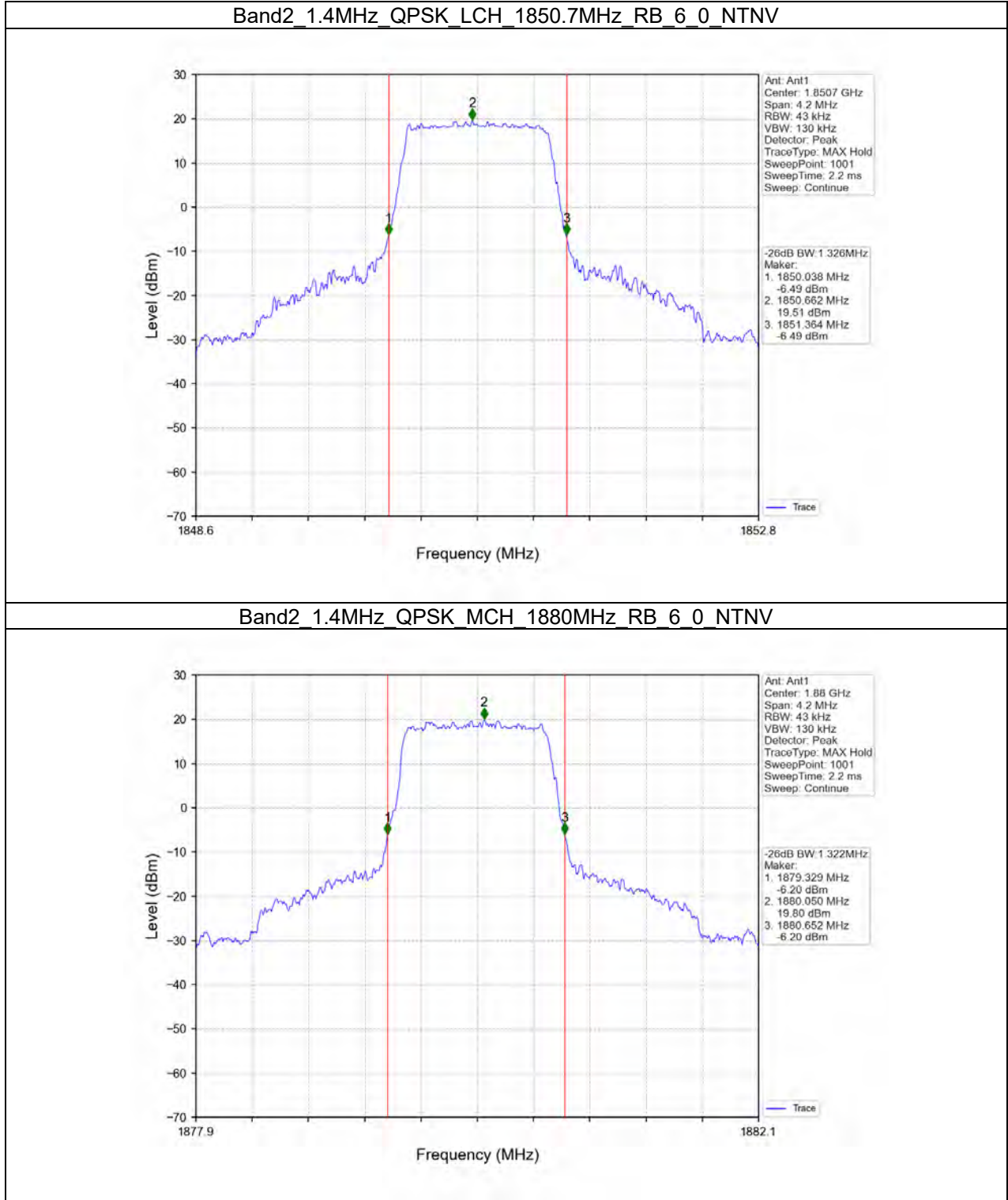
		1902.5	75	0	14.900	Pass
20	QPSK	1860	100	0	19.650	Pass
		1880	100	0	19.714	Pass
		1900	100	0	19.656	Pass
	16QAM	1860	100	0	19.801	Pass
		1880	100	0	19.815	Pass
		1900	100	0	19.739	Pass
	64QAM	1860	100	0	19.688	Pass
		1880	100	0	19.720	Pass
		1900	100	0	19.684	Pass



BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

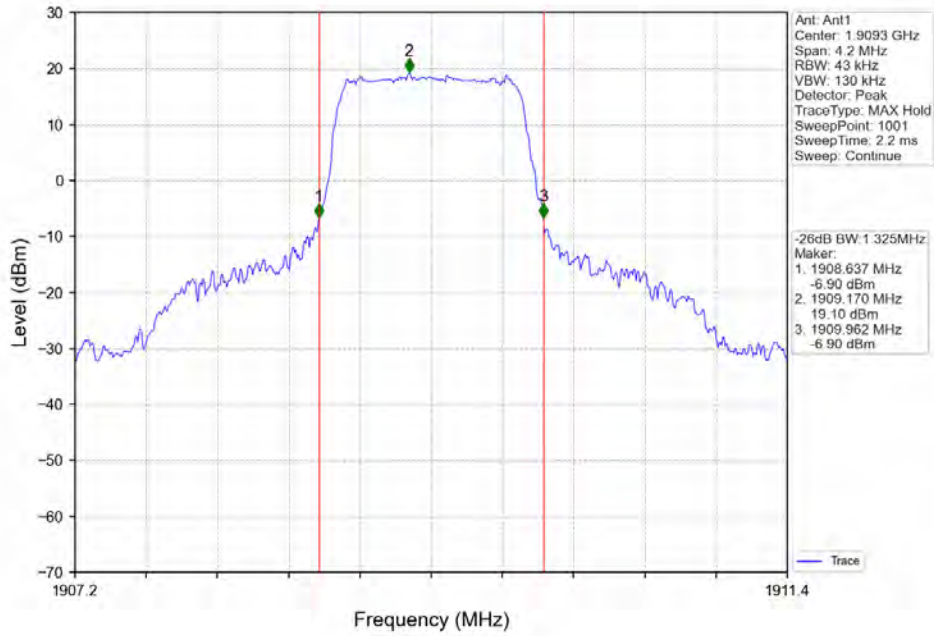




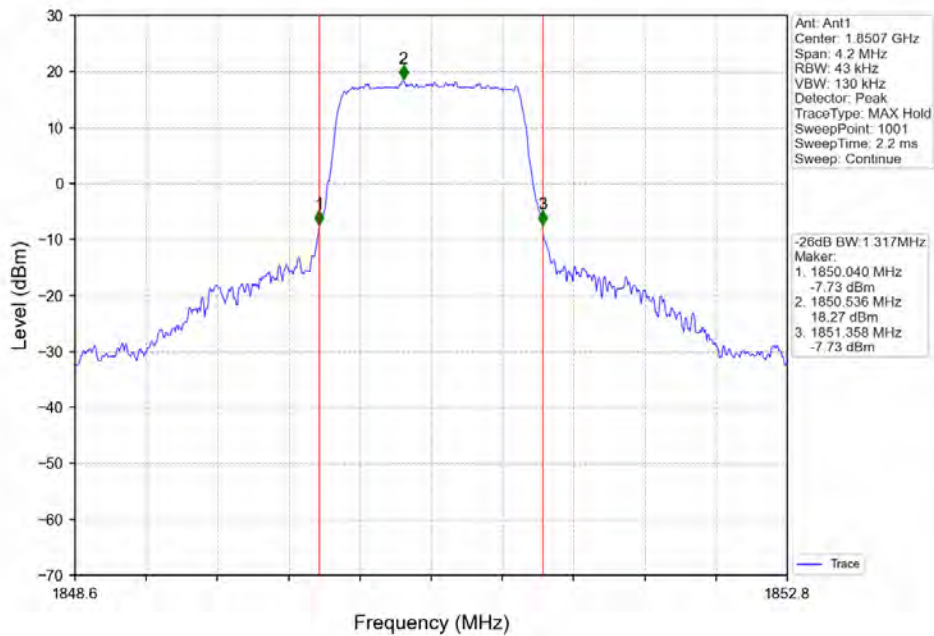
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

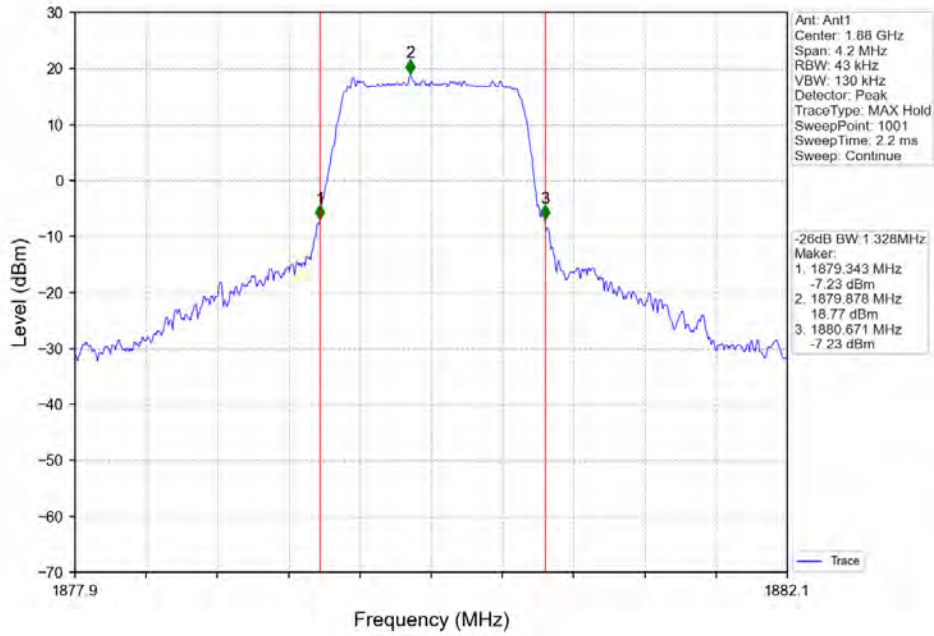




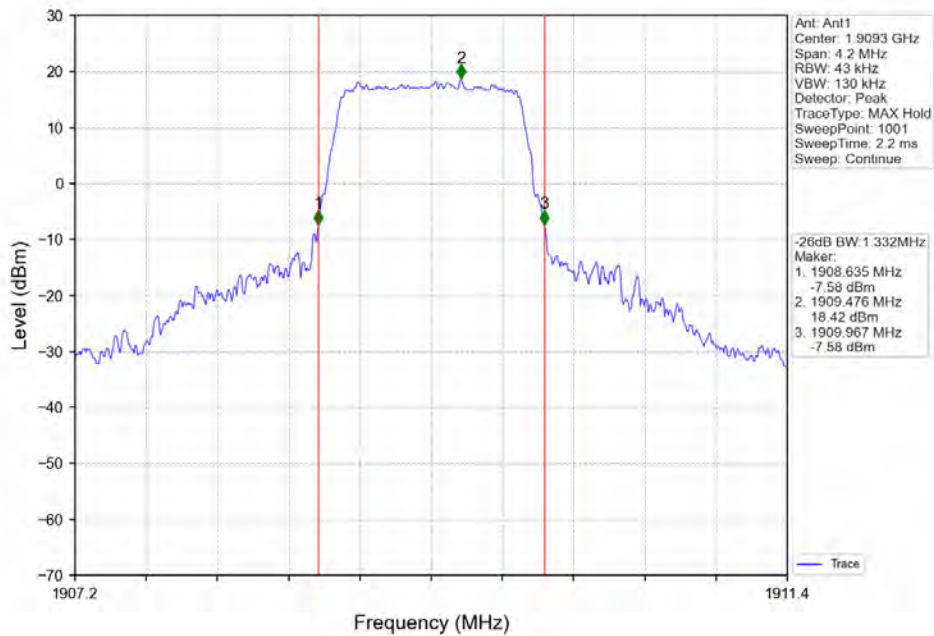
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

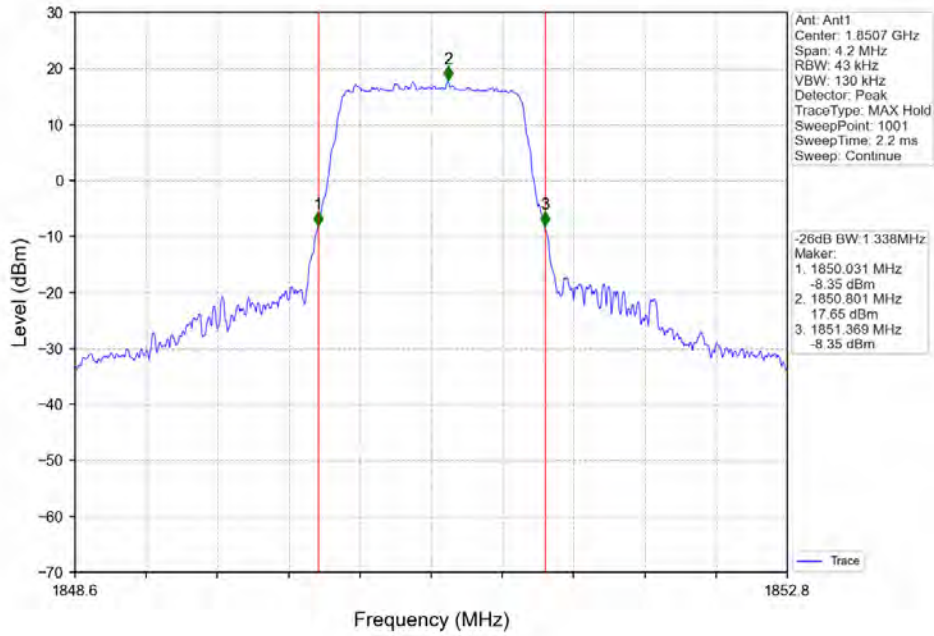




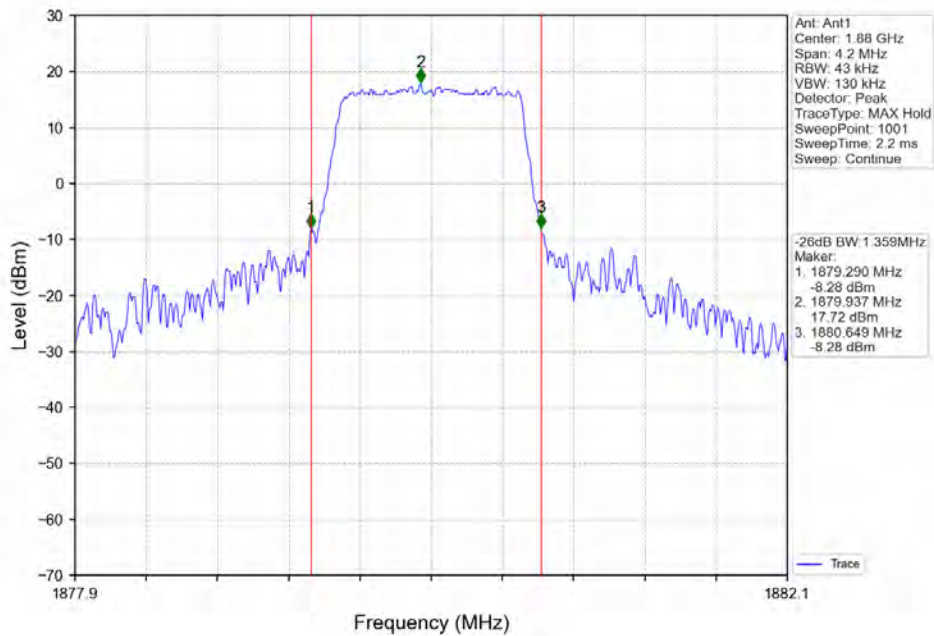
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

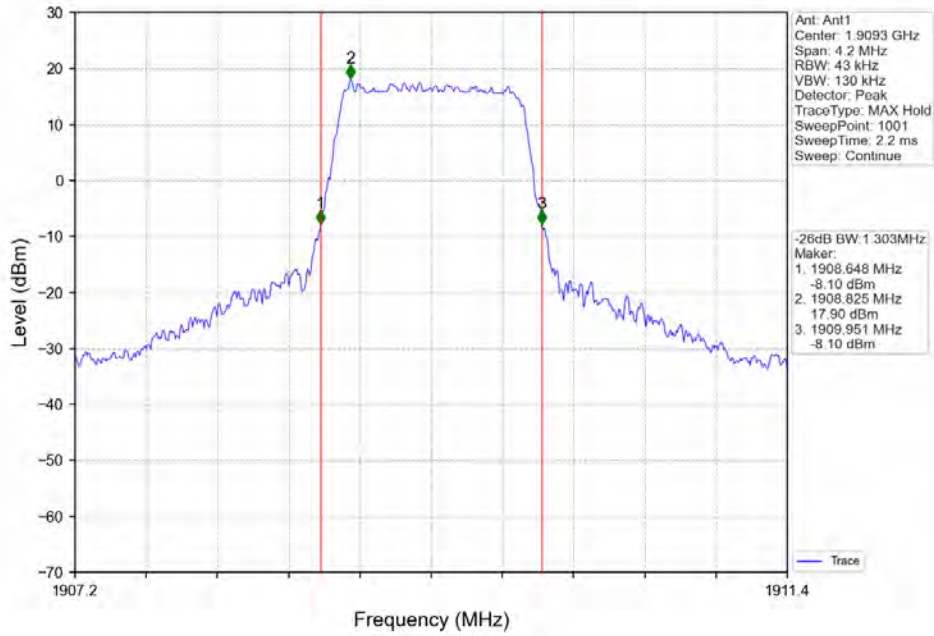




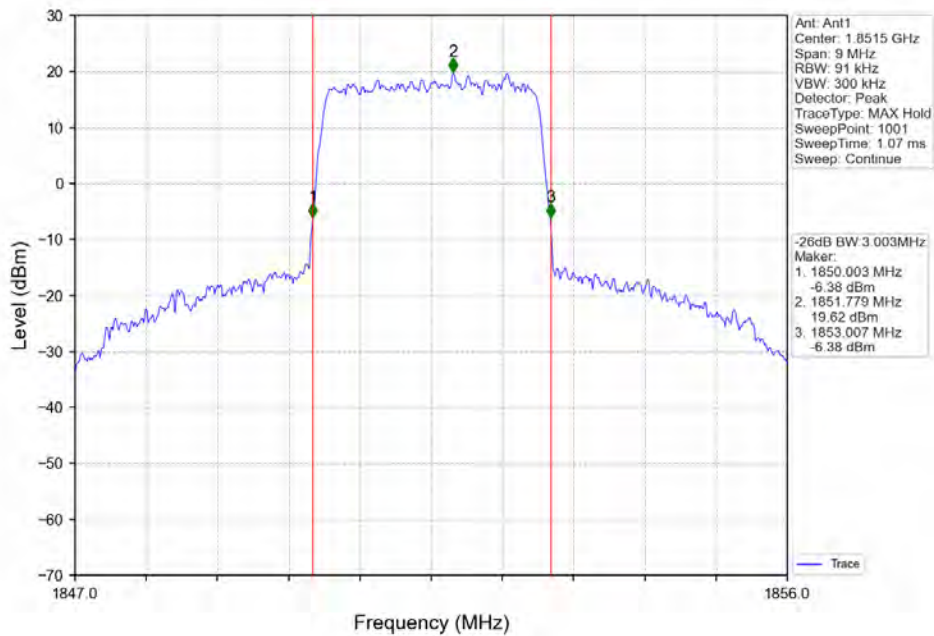
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

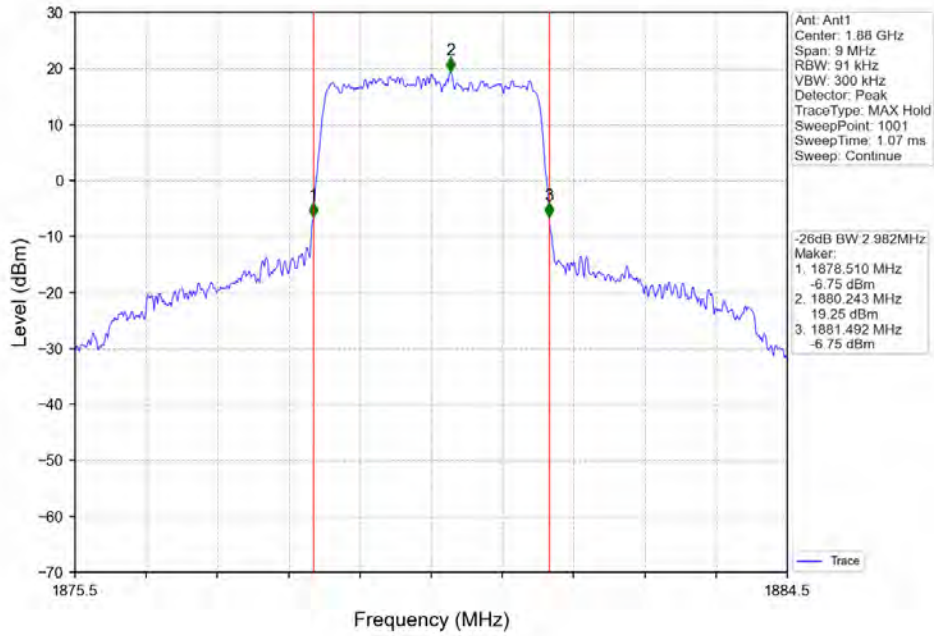




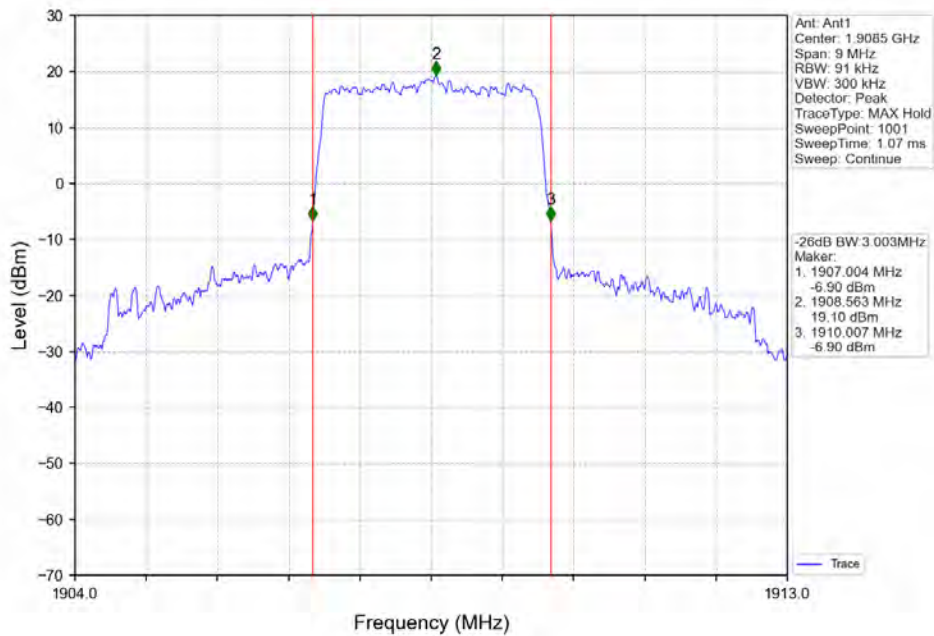
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTN

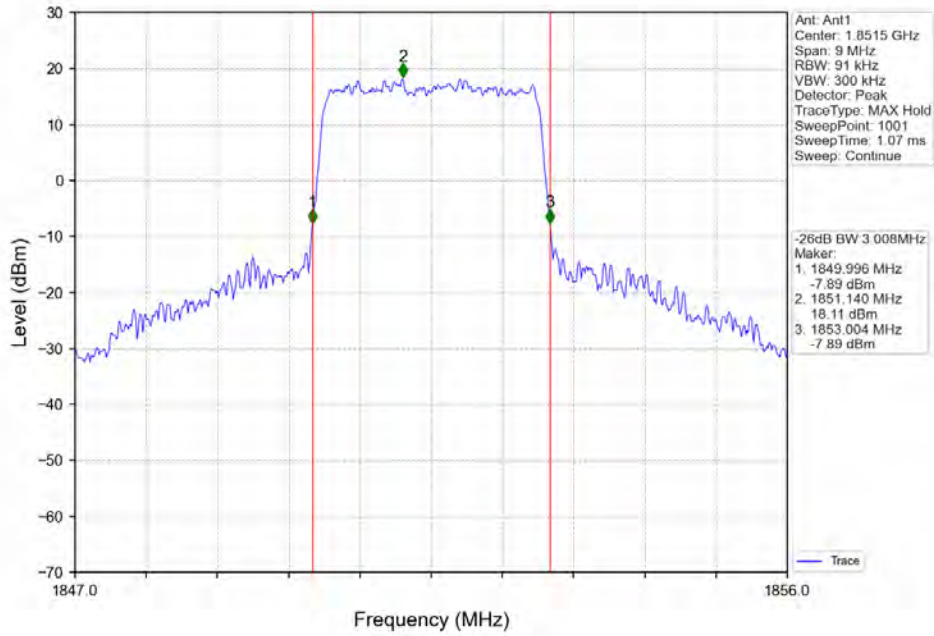




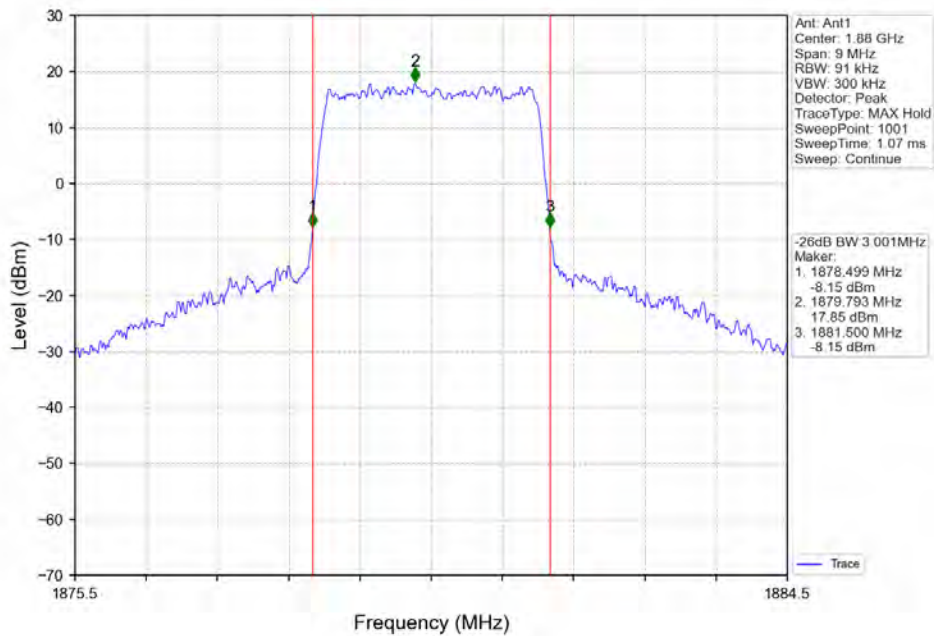
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

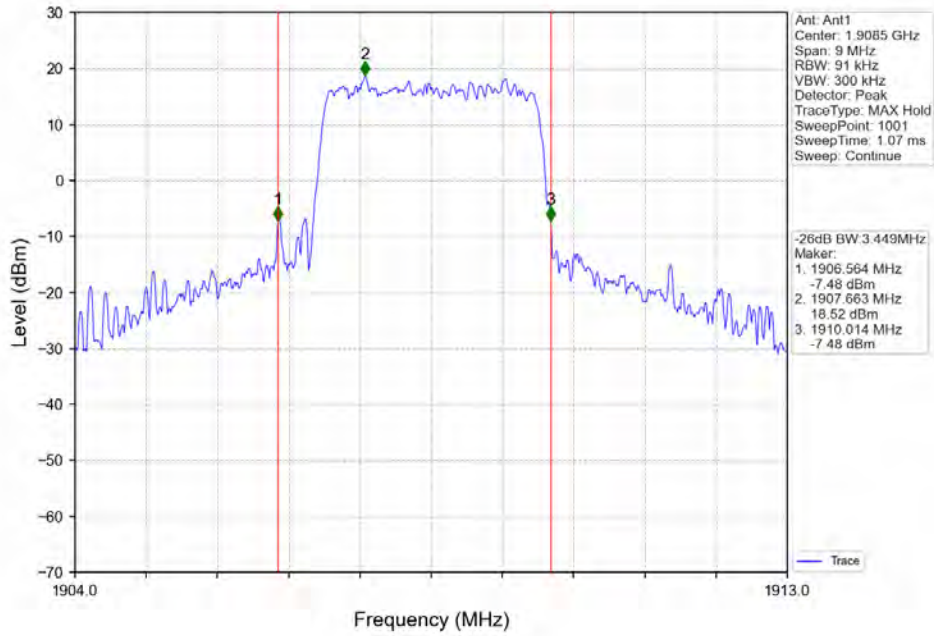




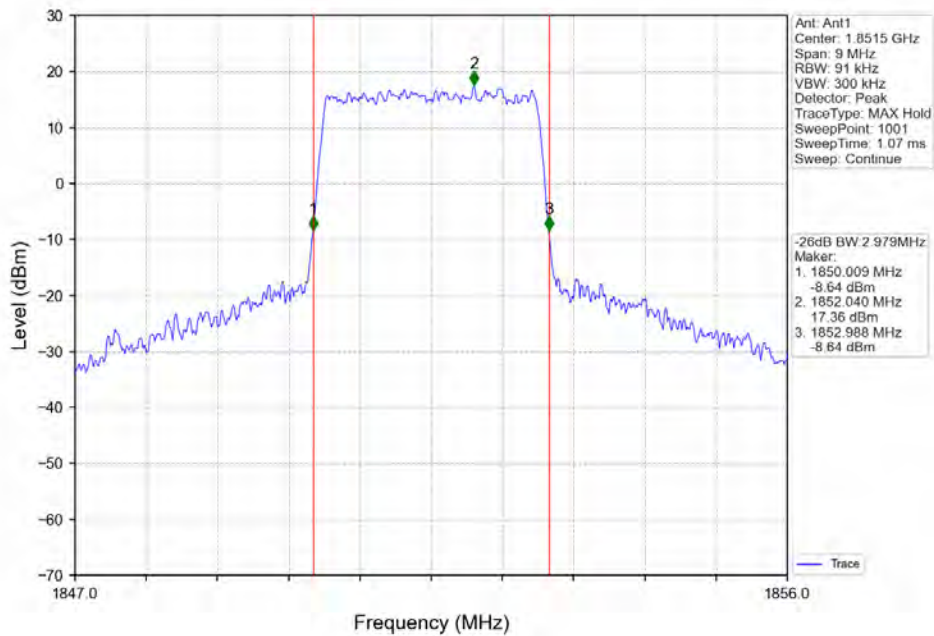
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

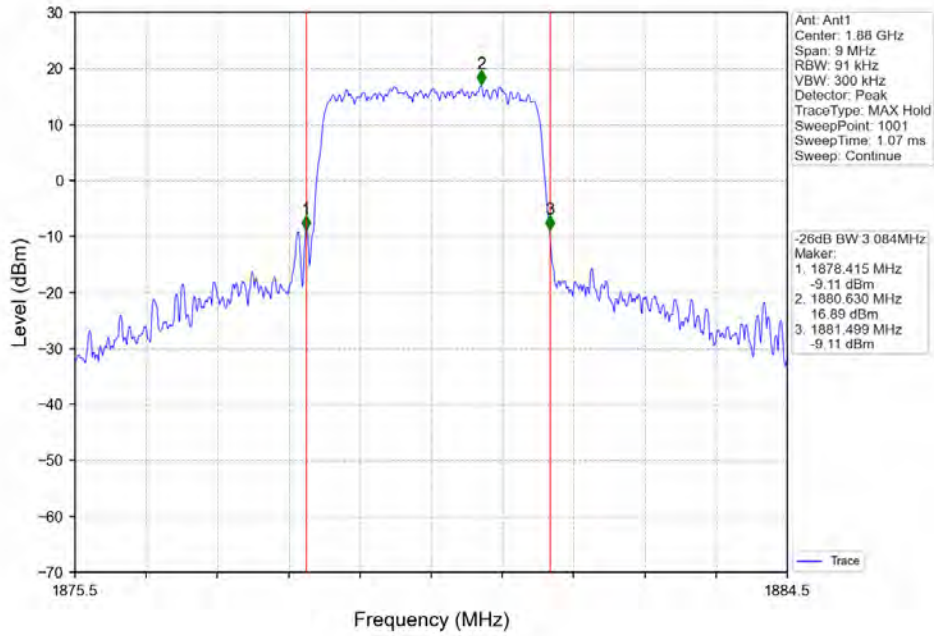




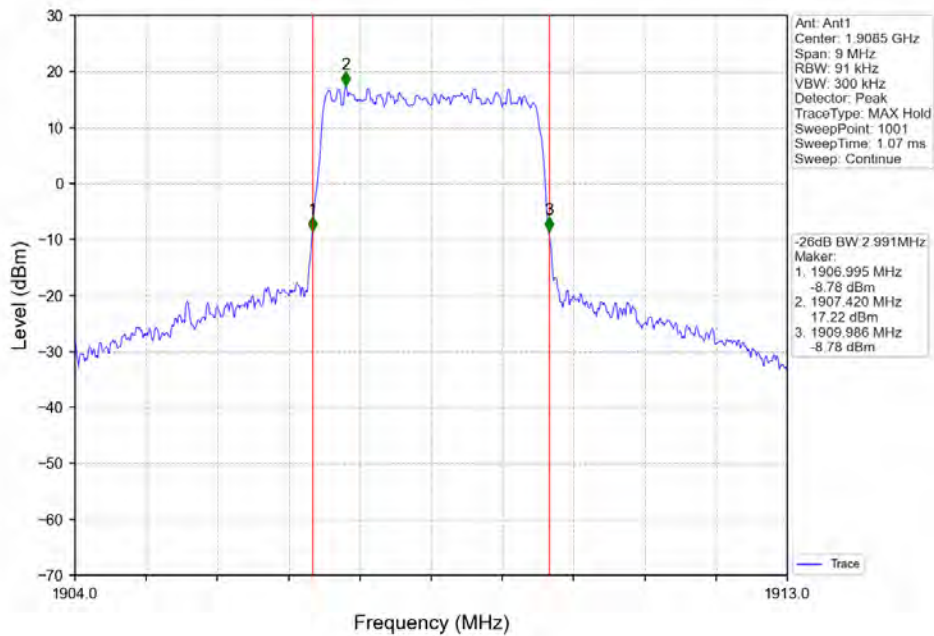
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

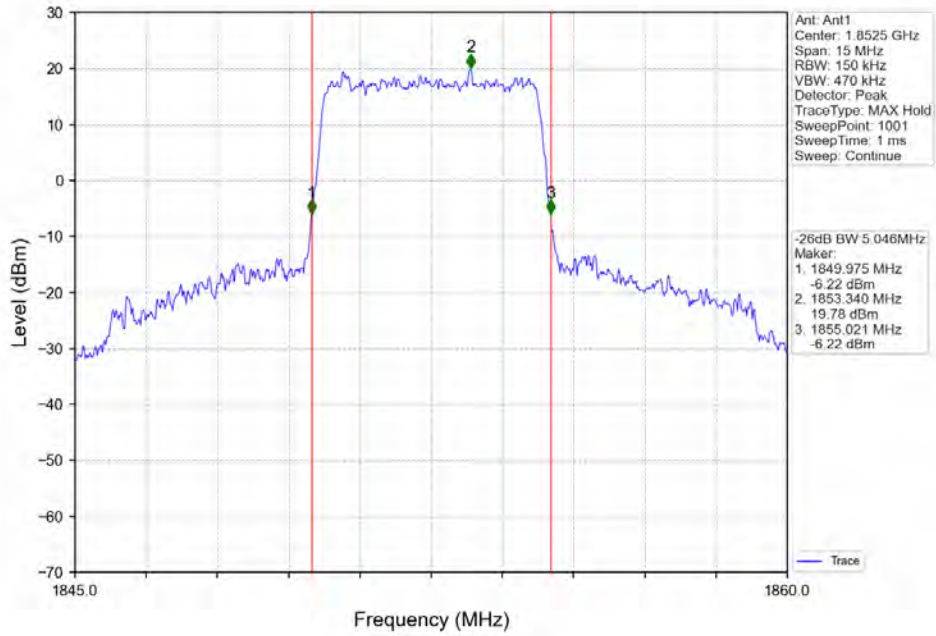




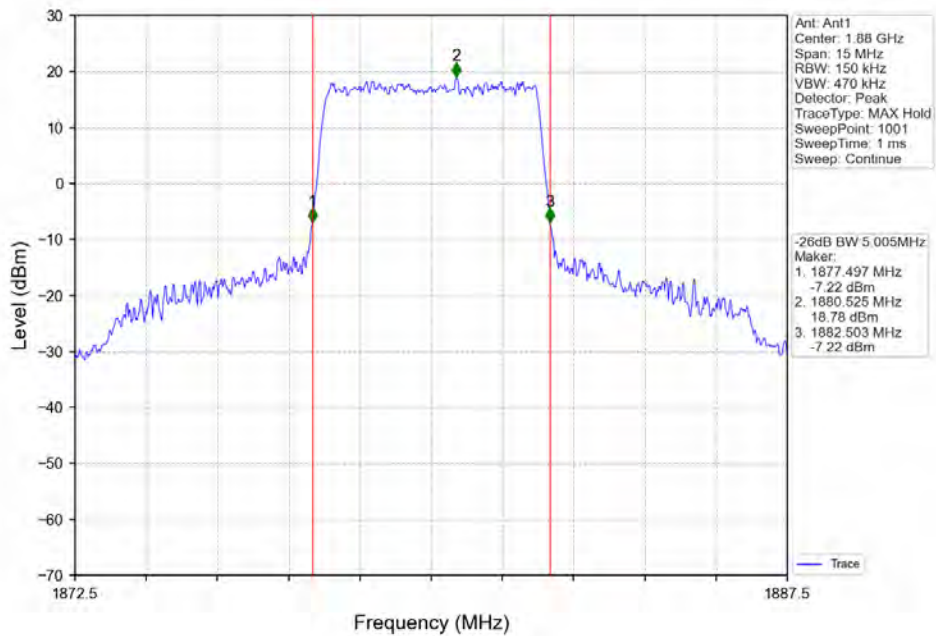
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

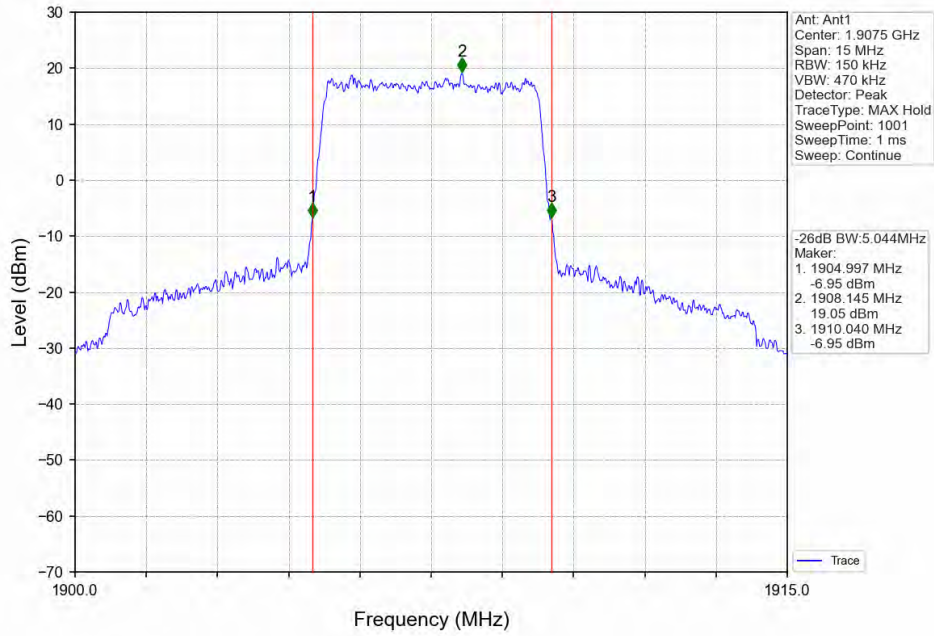




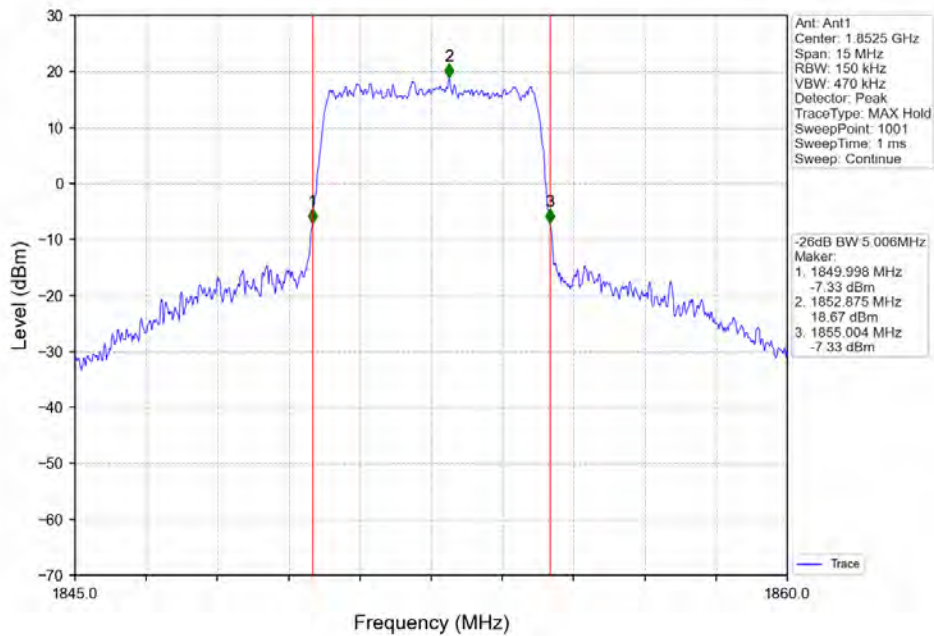
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

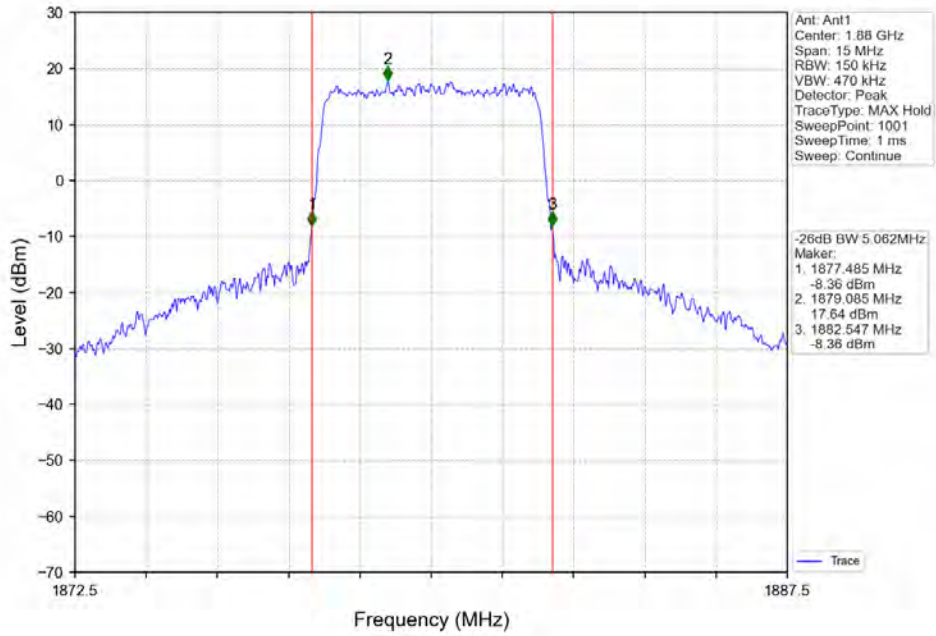




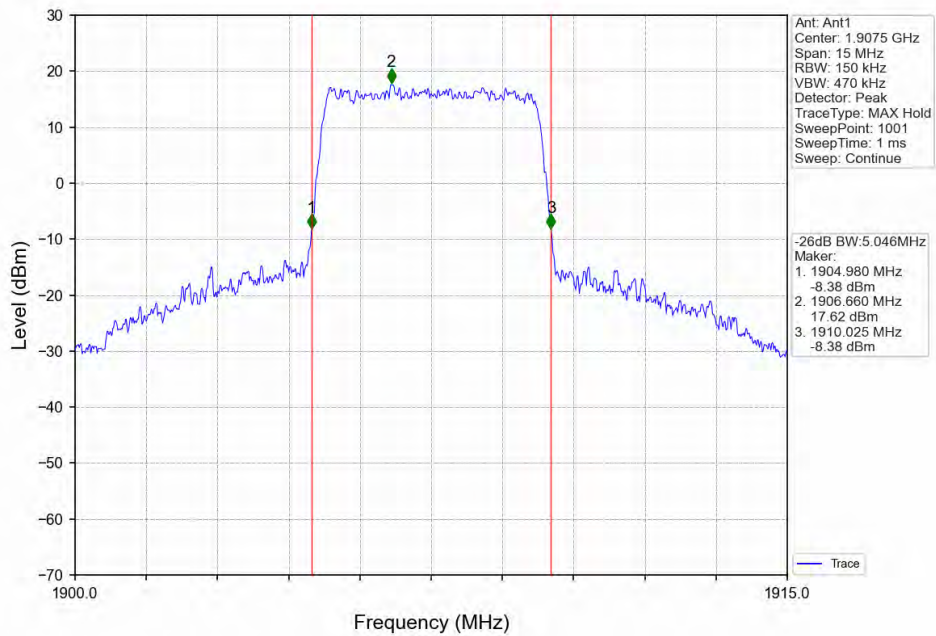
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

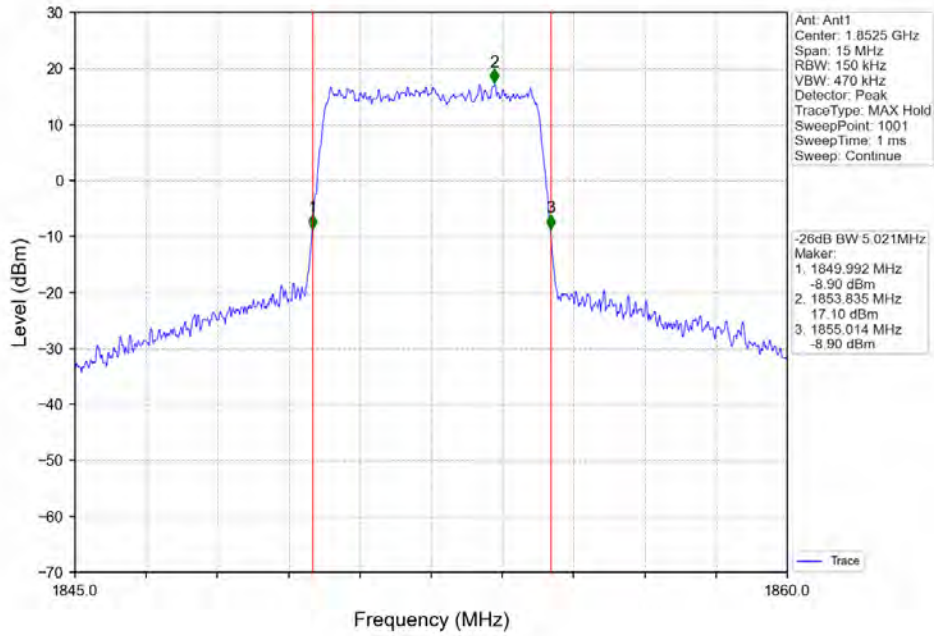




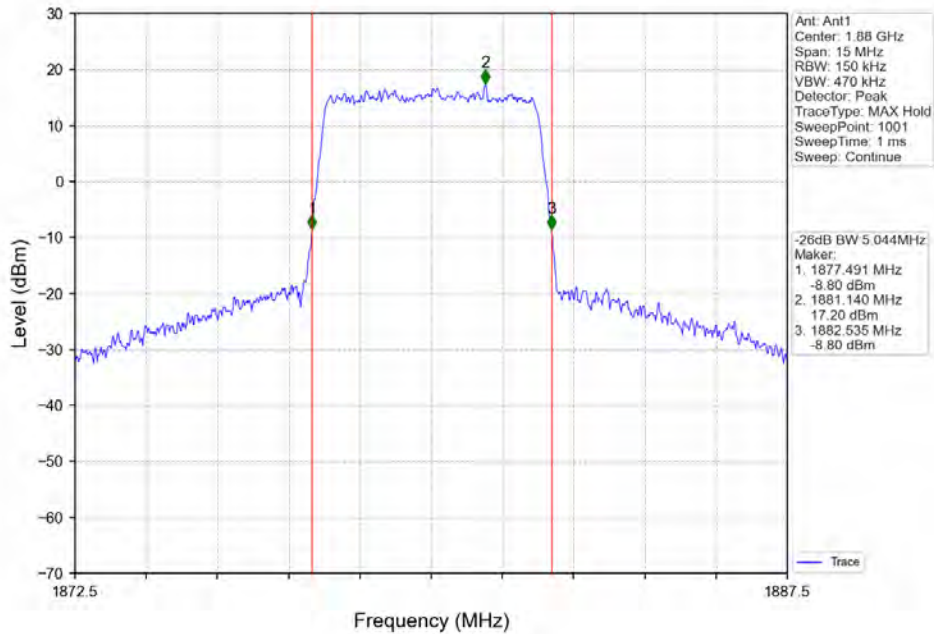
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

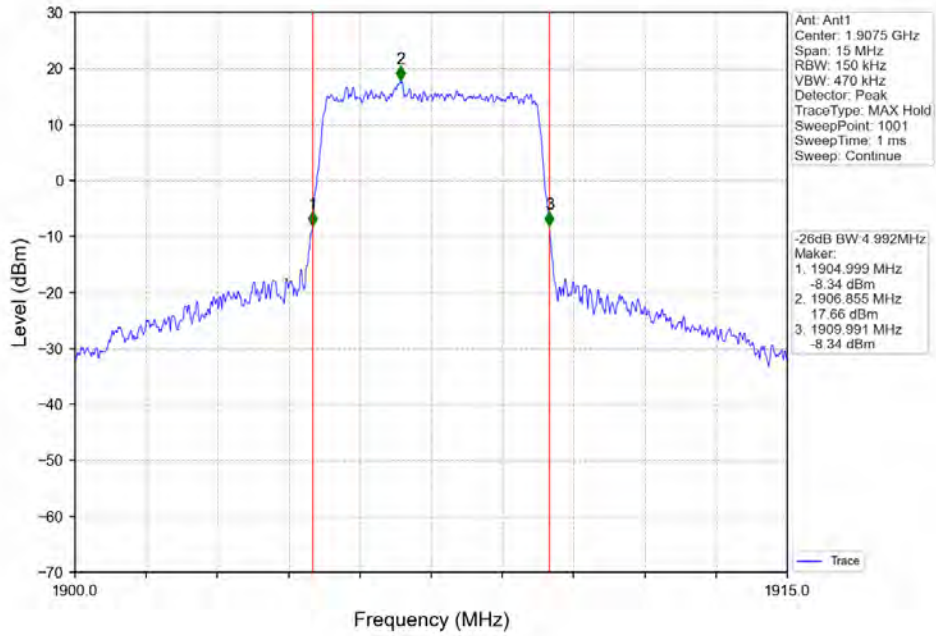




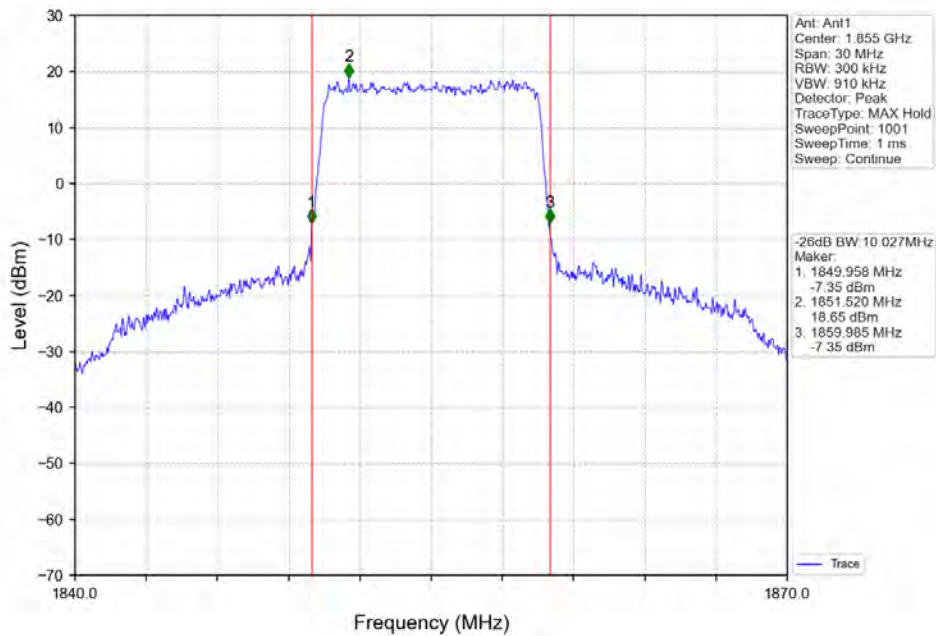
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

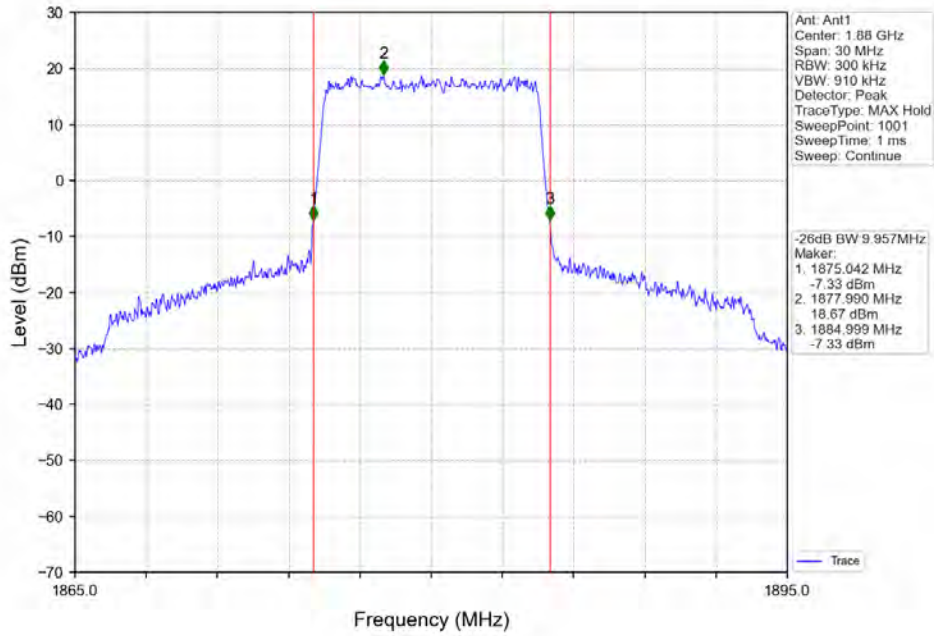




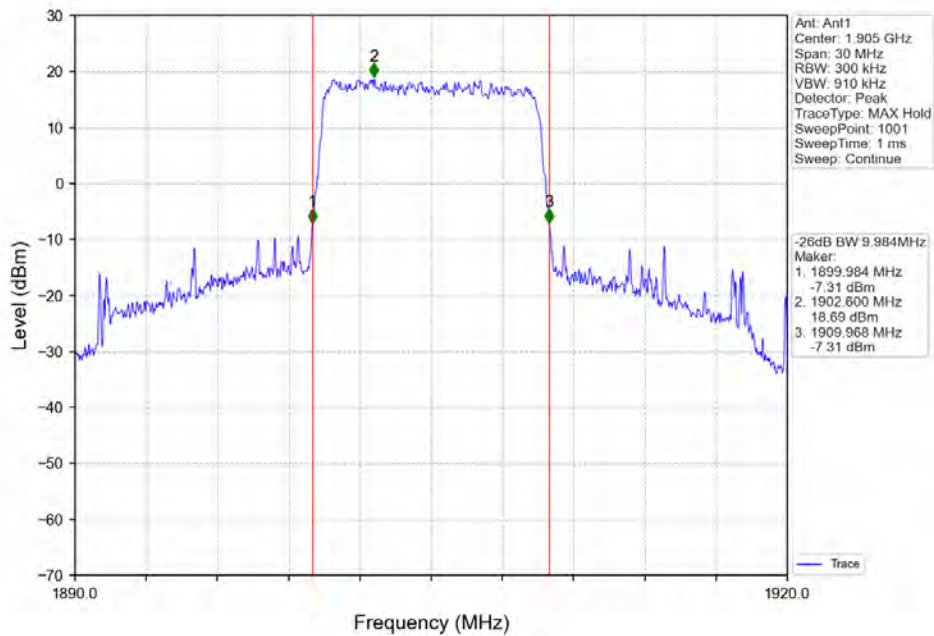
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

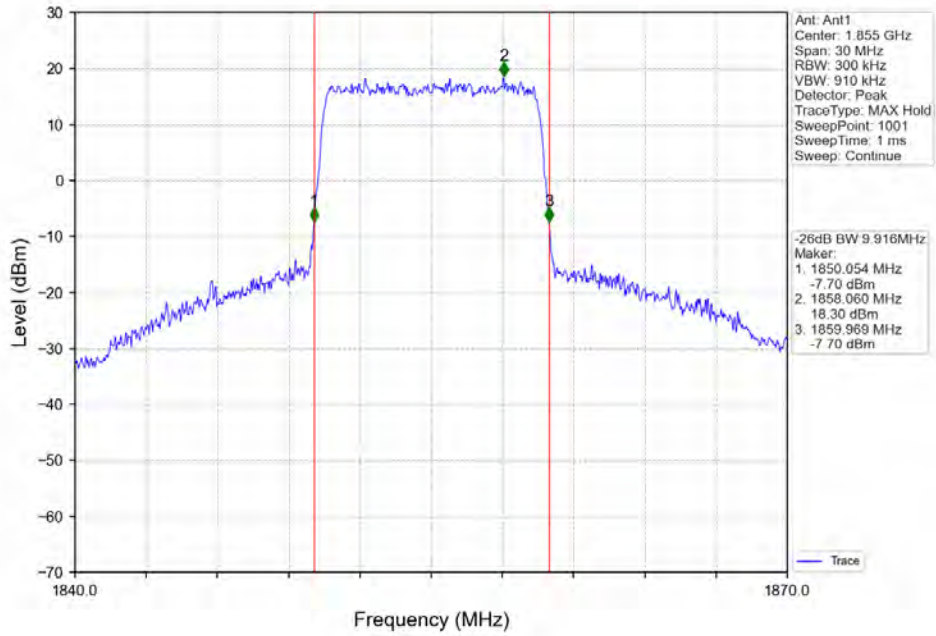




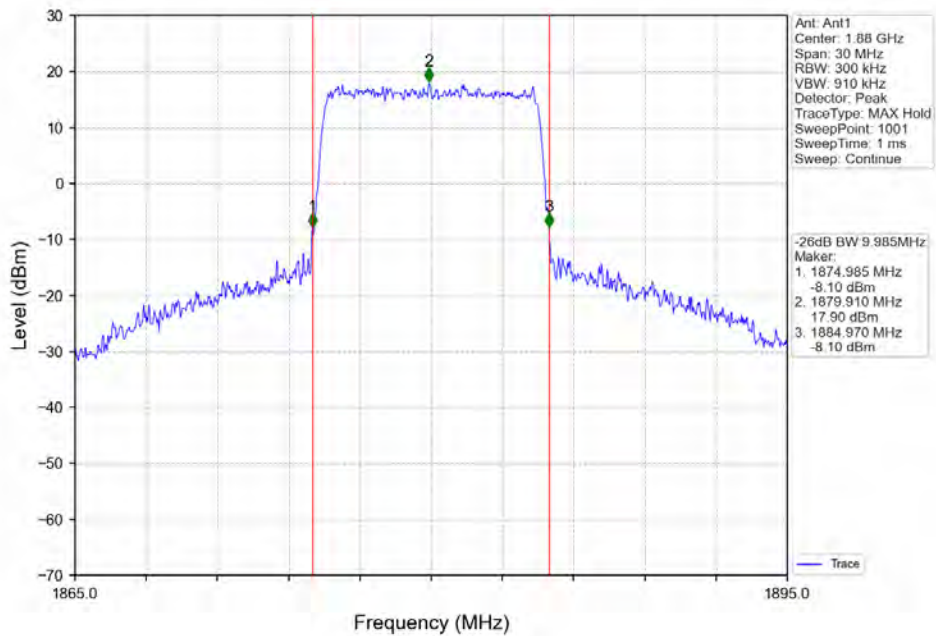
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

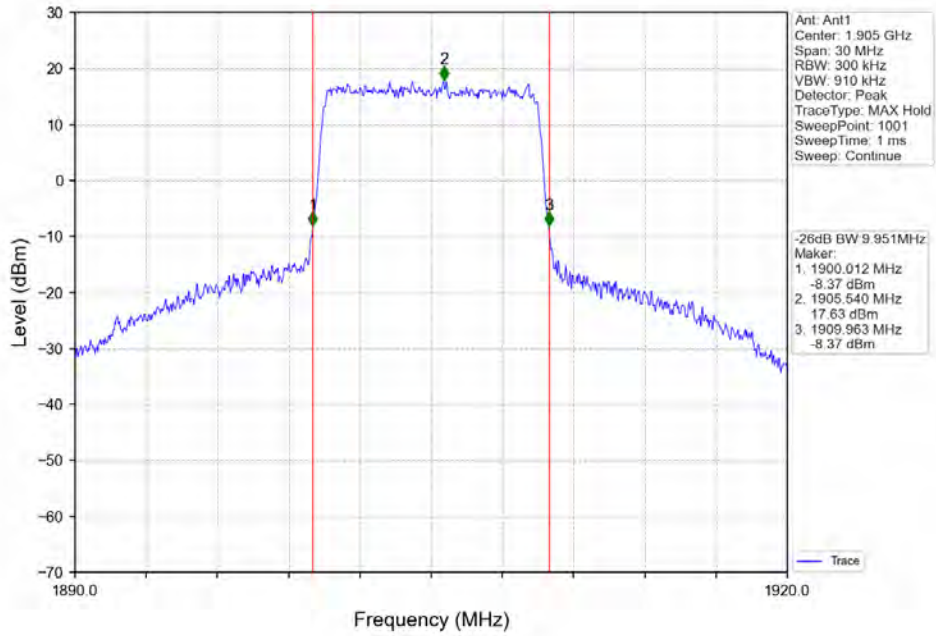




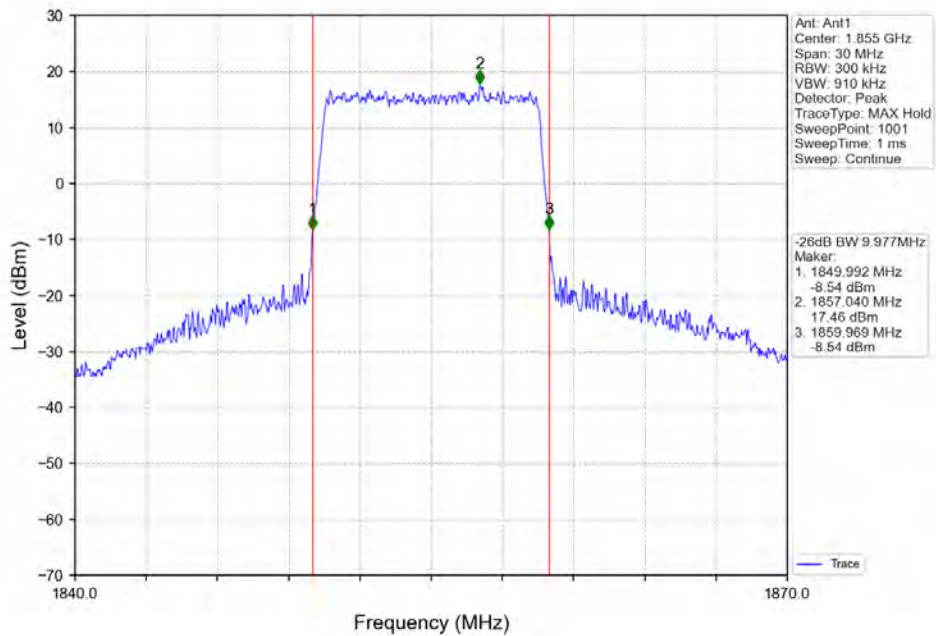
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

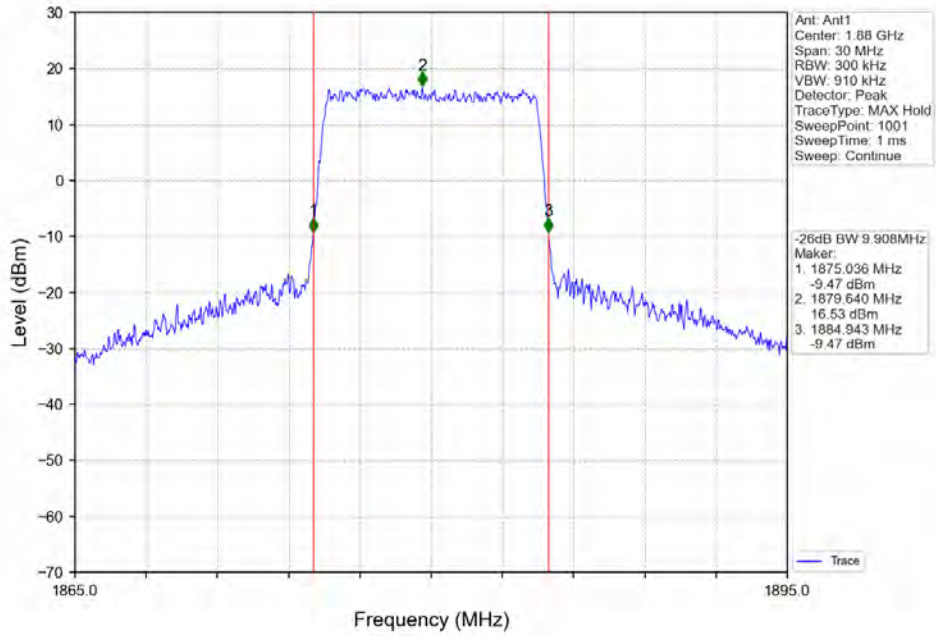




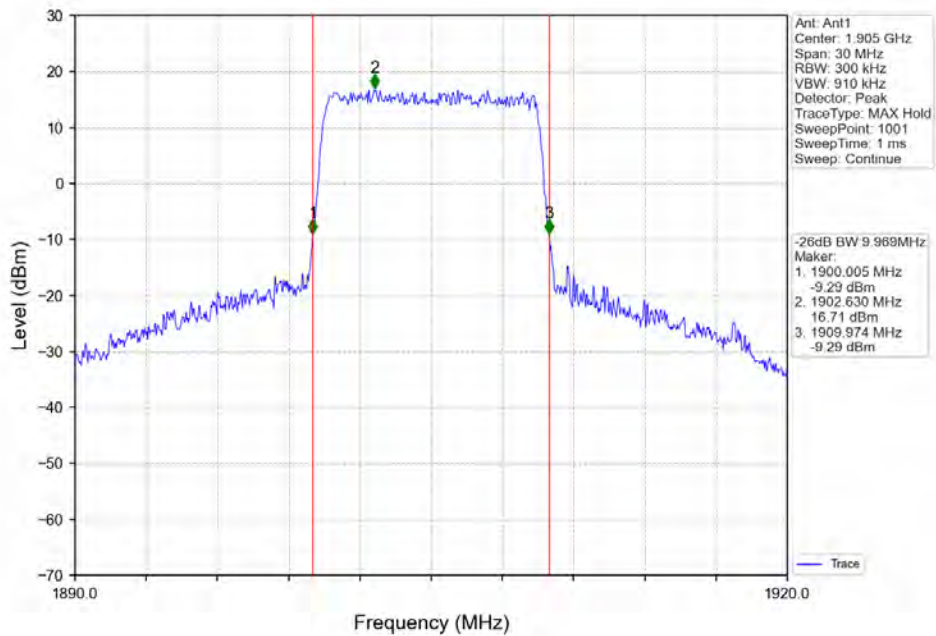
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV

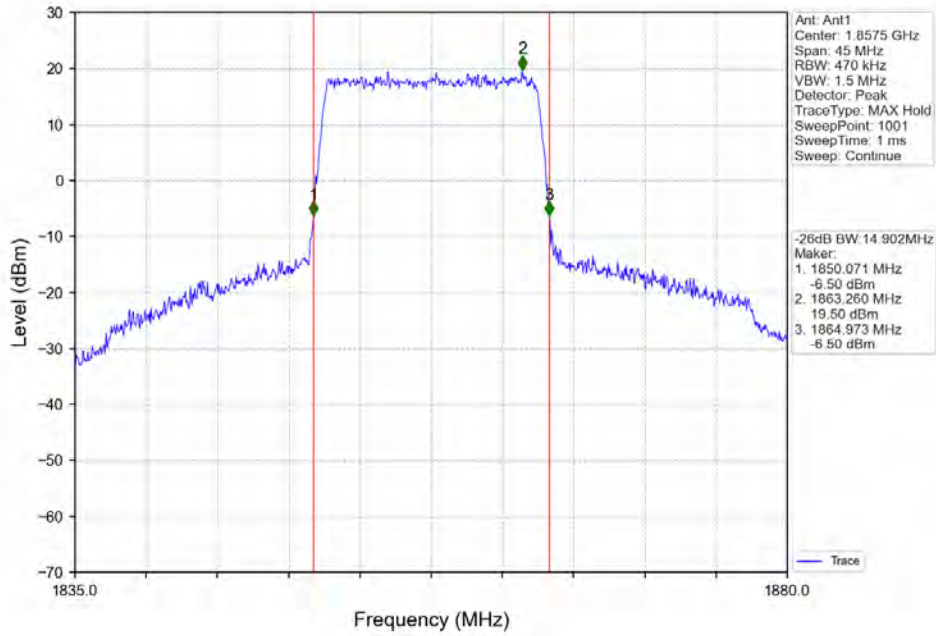




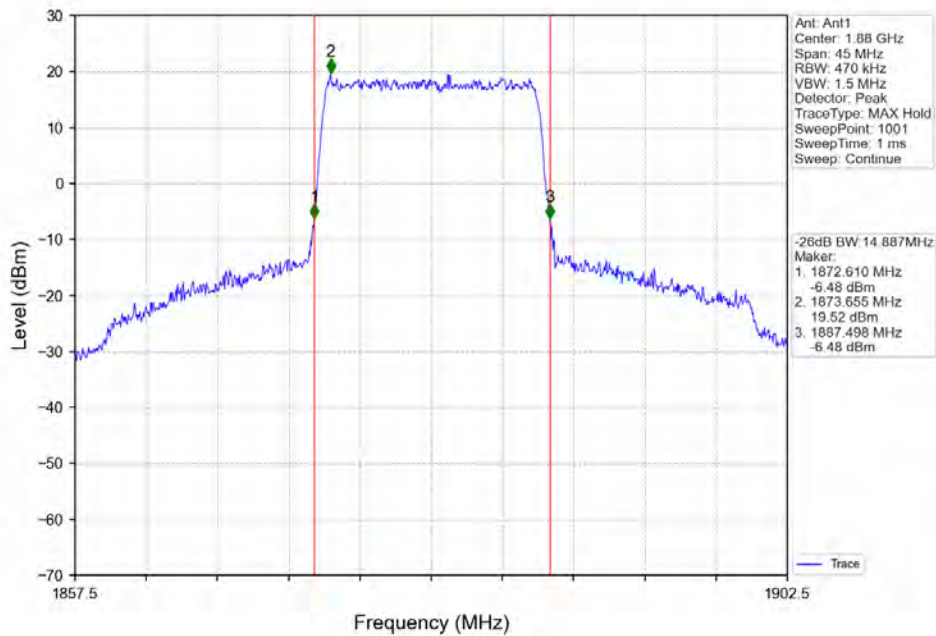
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

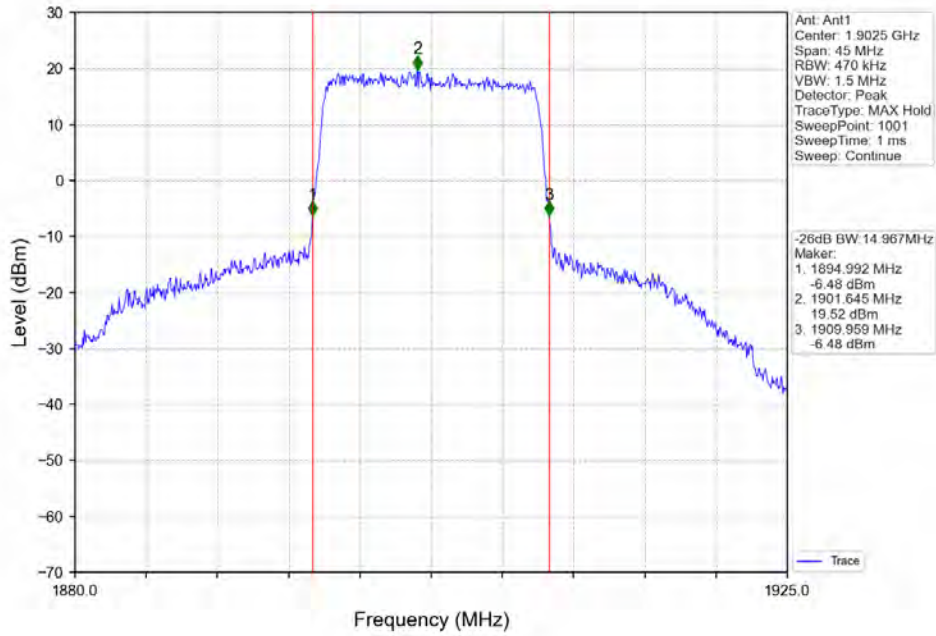




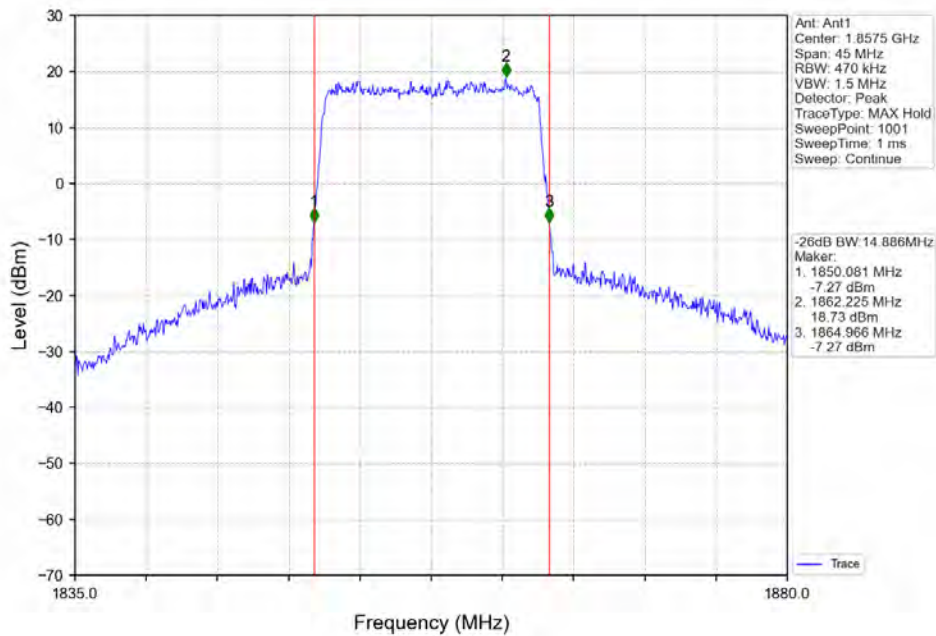
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

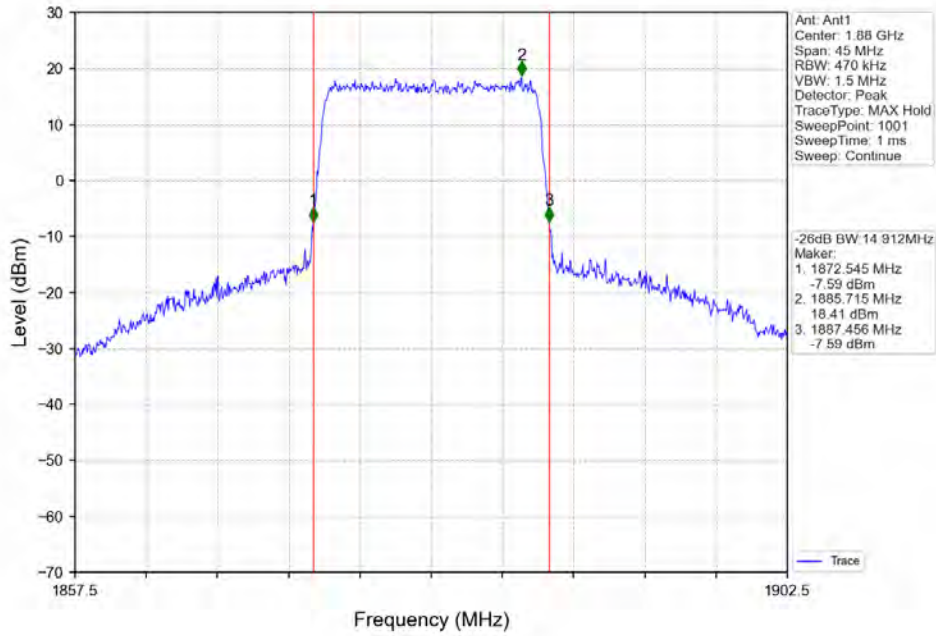




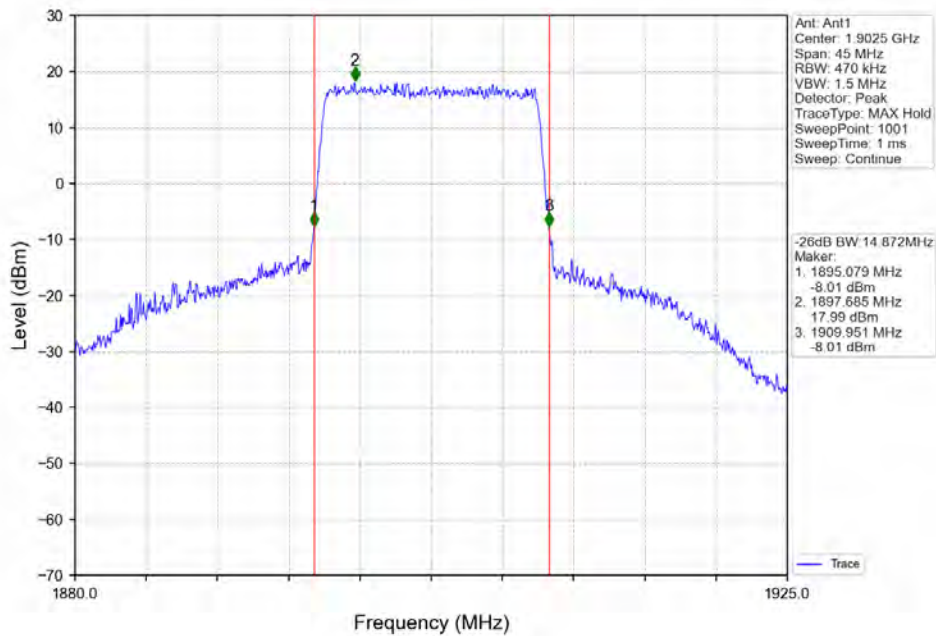
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

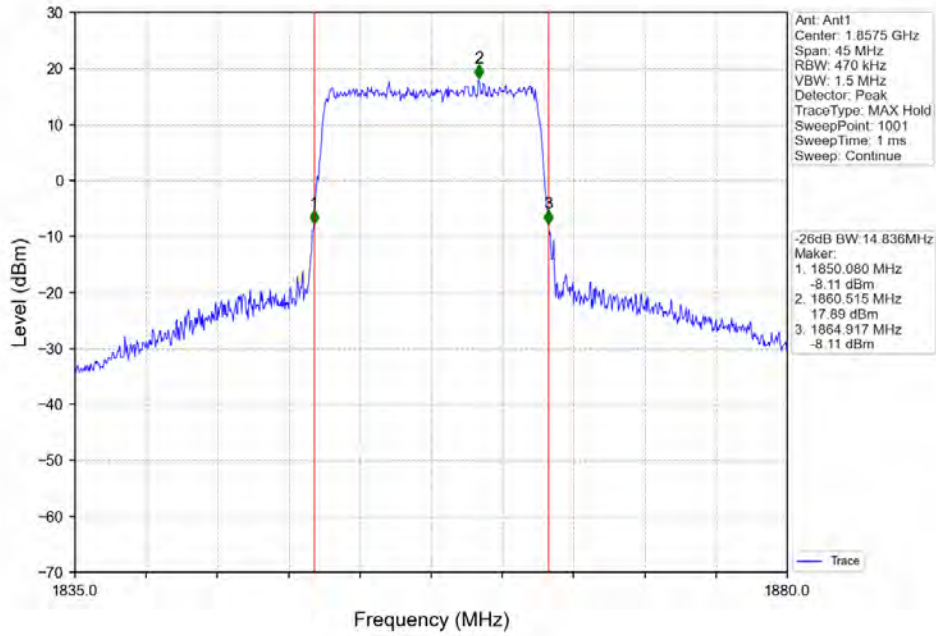




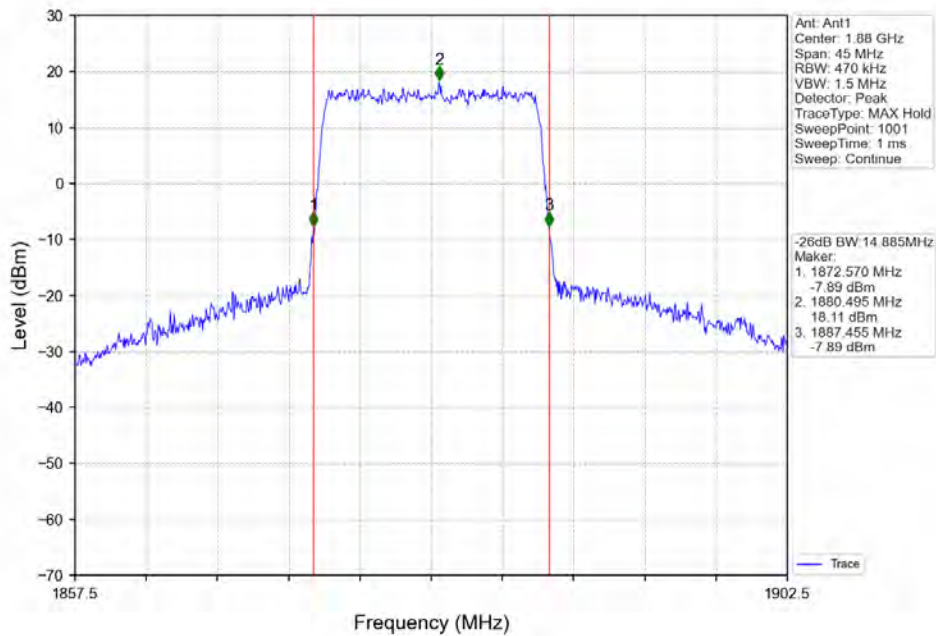
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV

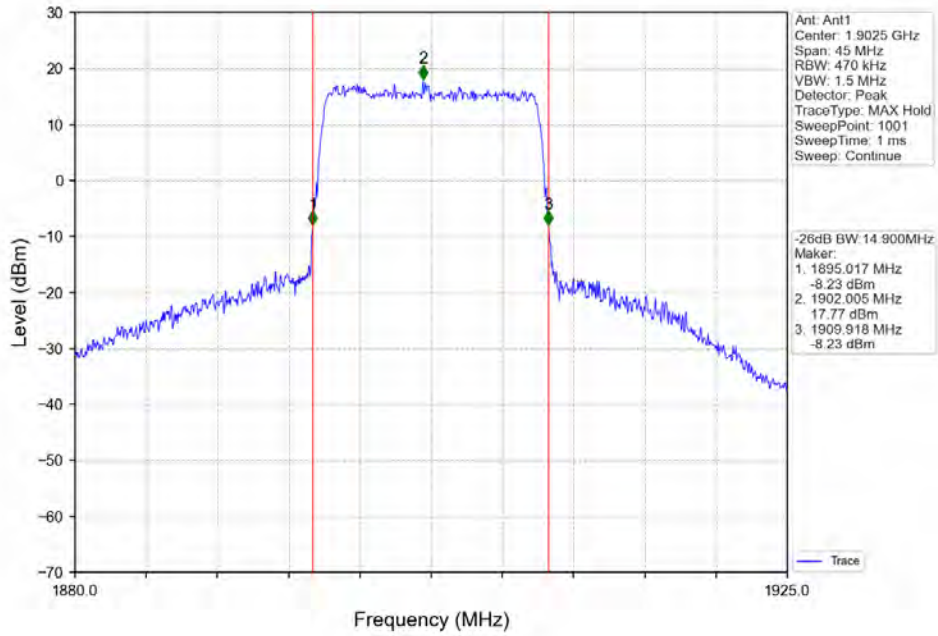




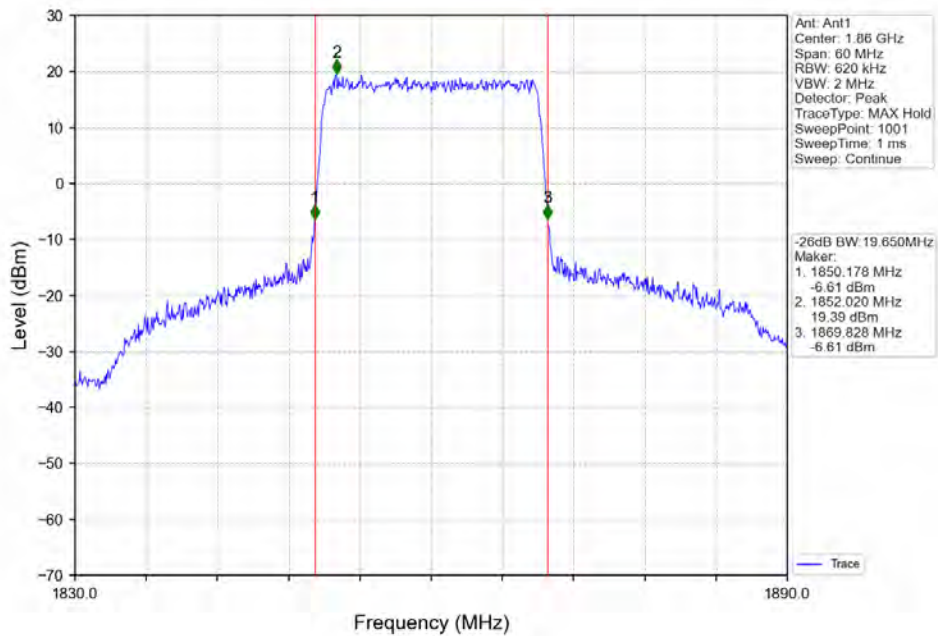
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

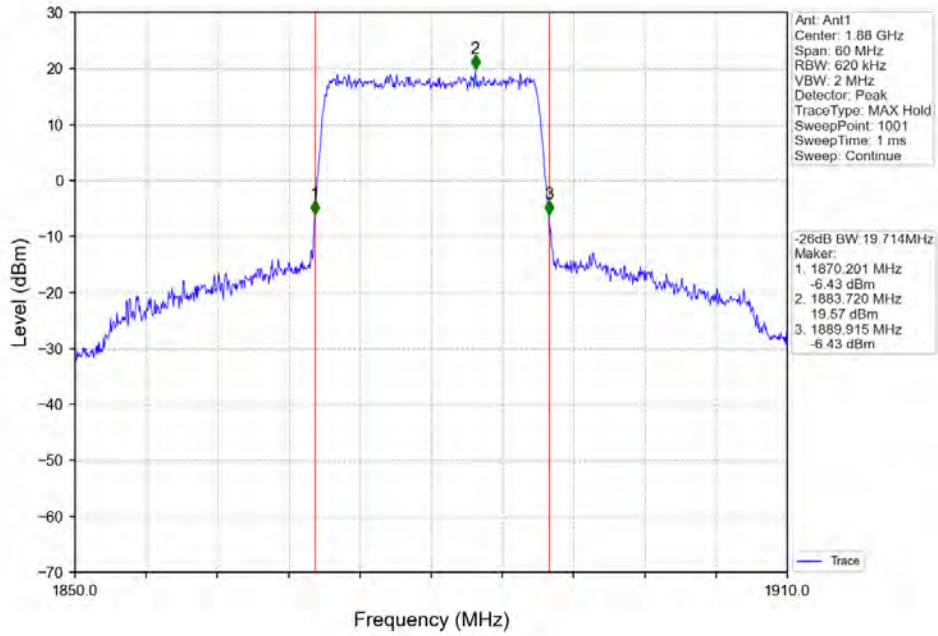




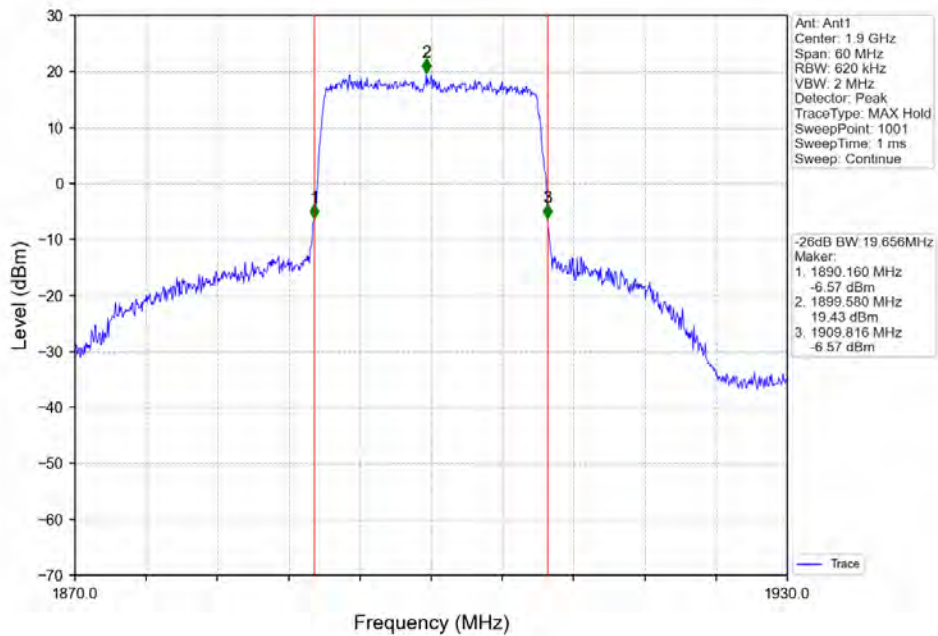
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

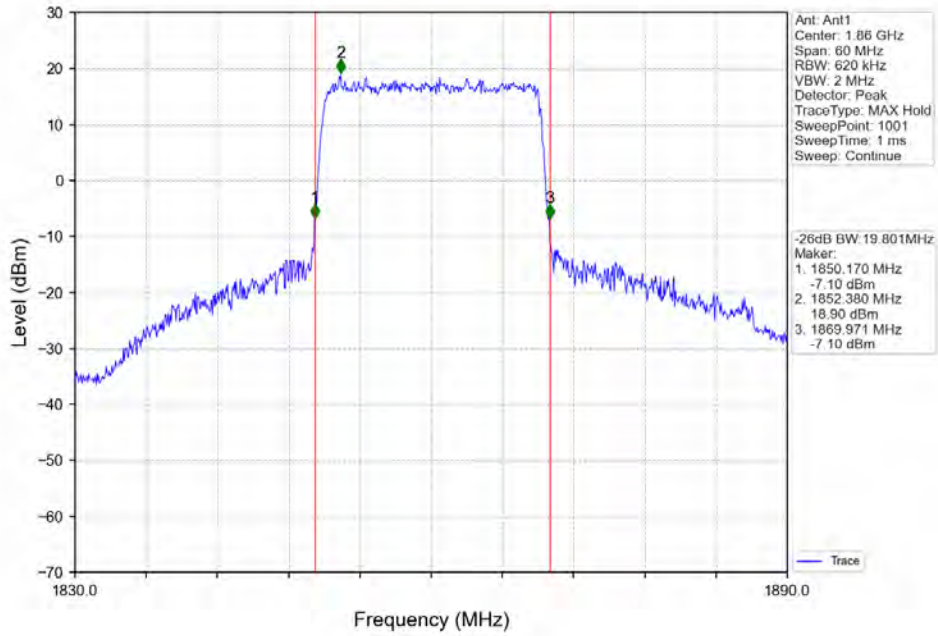




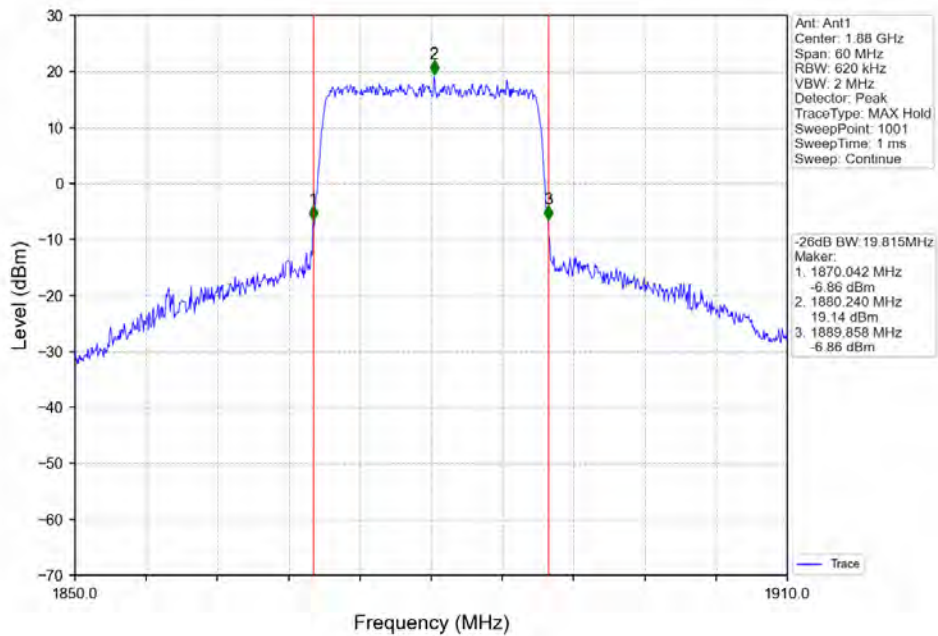
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

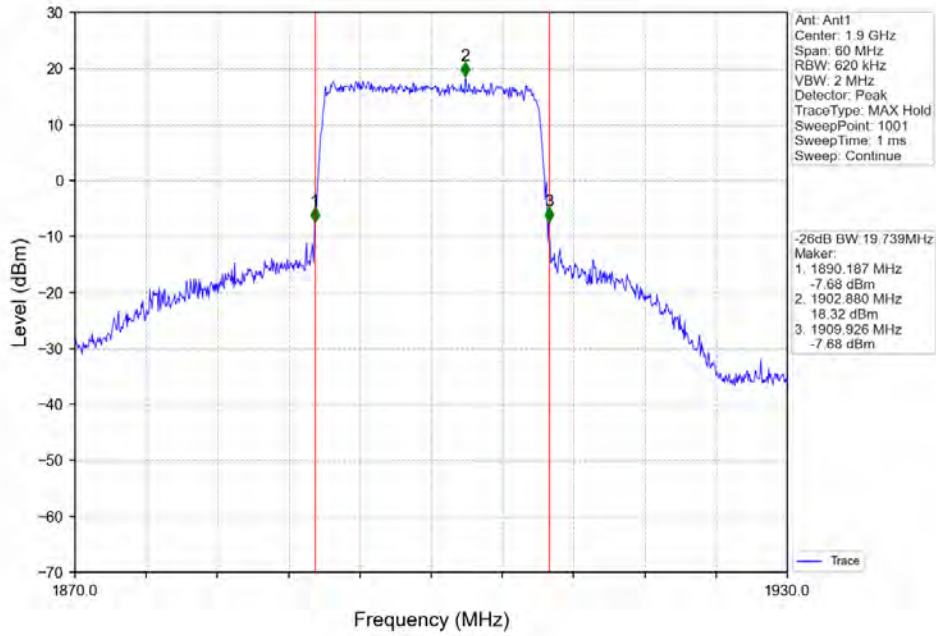




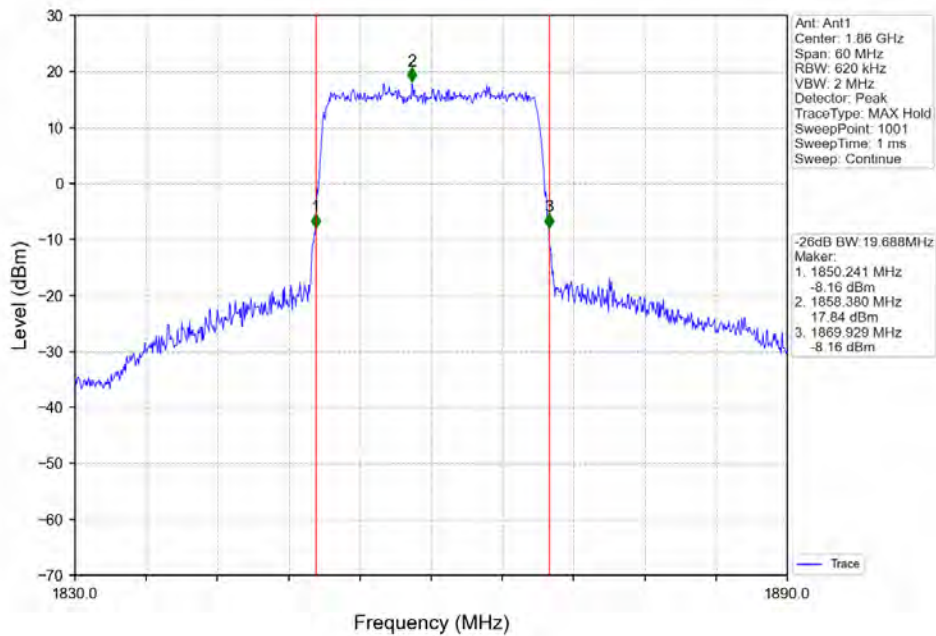
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

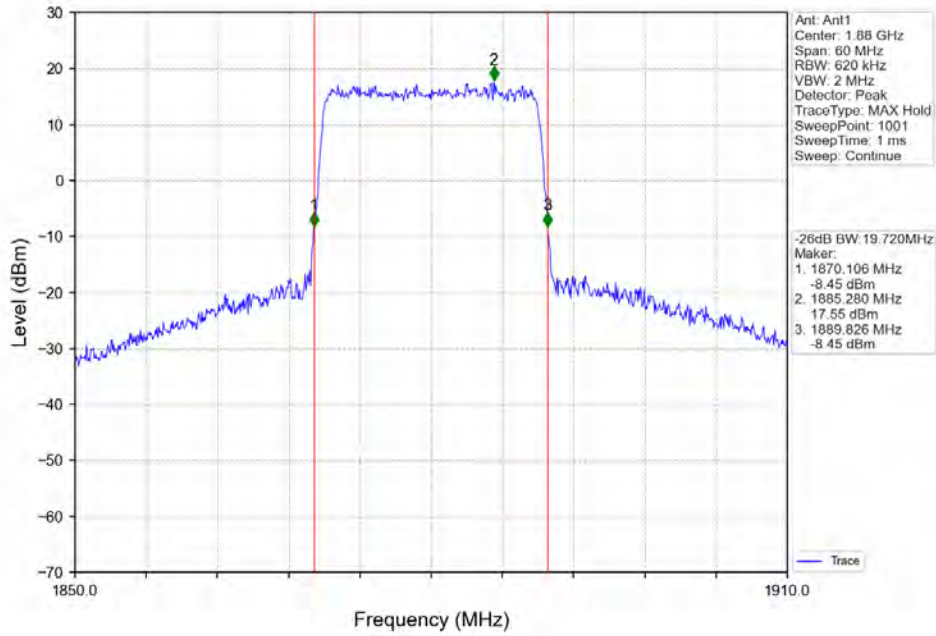




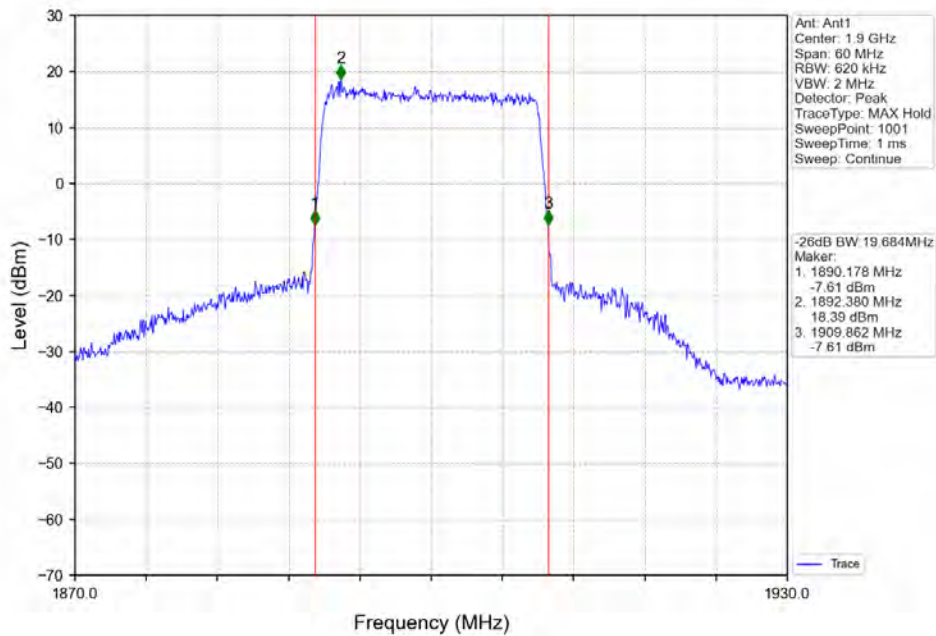
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV





Peak-Average Ratio

B2_1.4MHz

Test Result

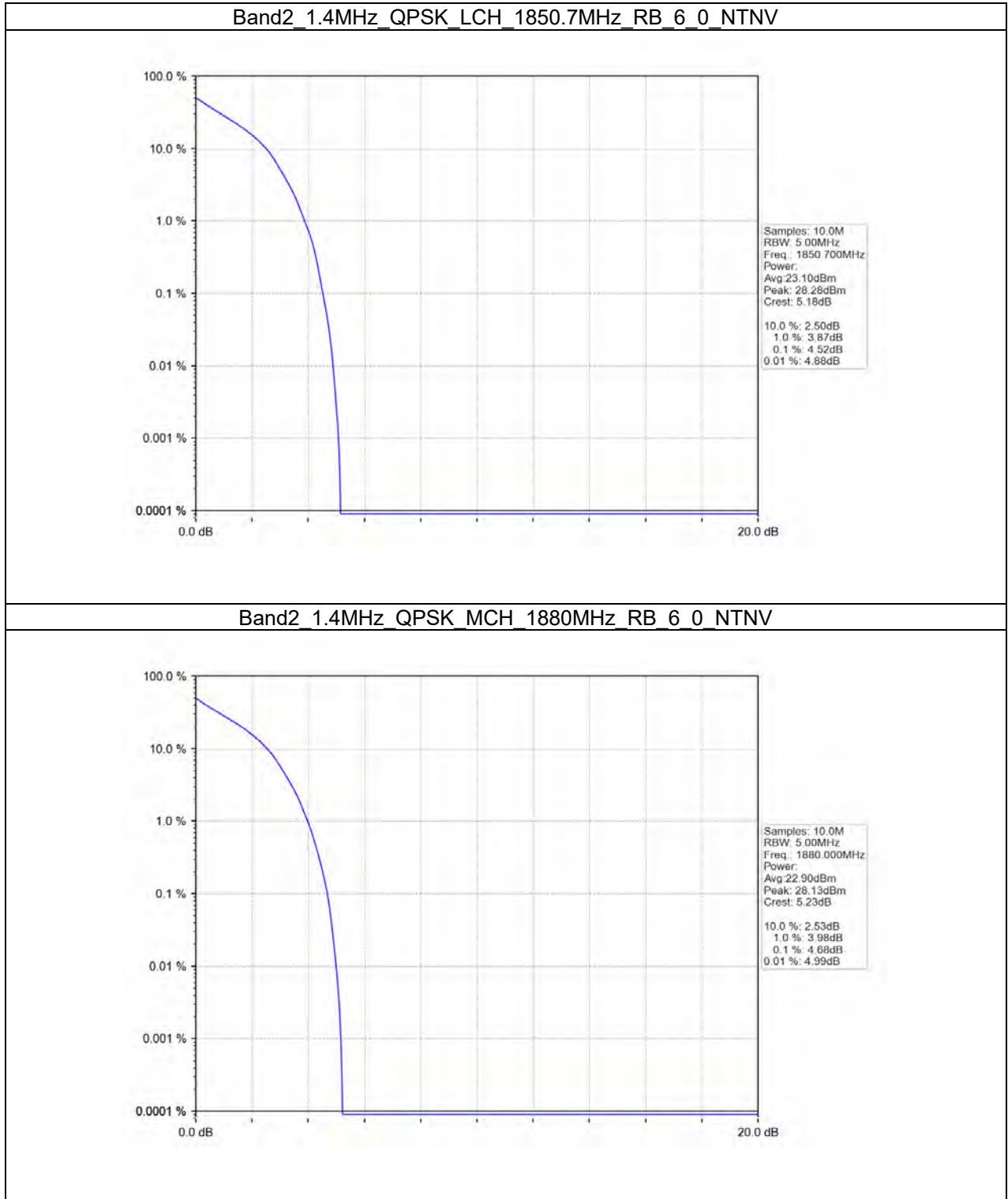
Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.52	<=13	Pass
	1880	6	0	4.68	<=13	Pass
	1909.3	6	0	4.57	<=13	Pass
16QAM	1850.7	6	0	5.40	<=13	Pass
	1880	6	0	5.54	<=13	Pass
	1909.3	6	0	5.40	<=13	Pass
64QAM	1850.7	6	0	5.73	<=13	Pass
	1880	6	0	6.05	<=13	Pass
	1909.3	6	0	5.87	<=13	Pass



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

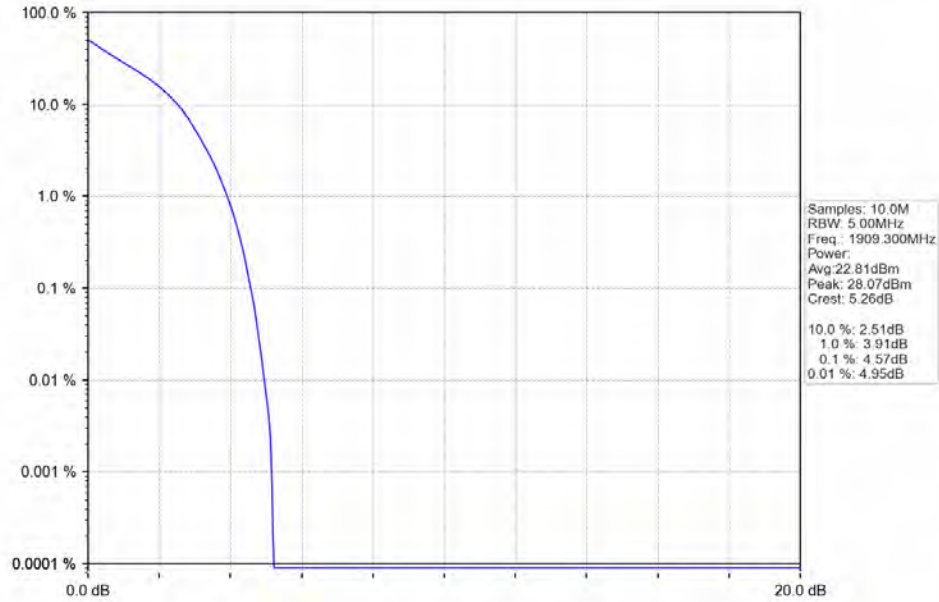




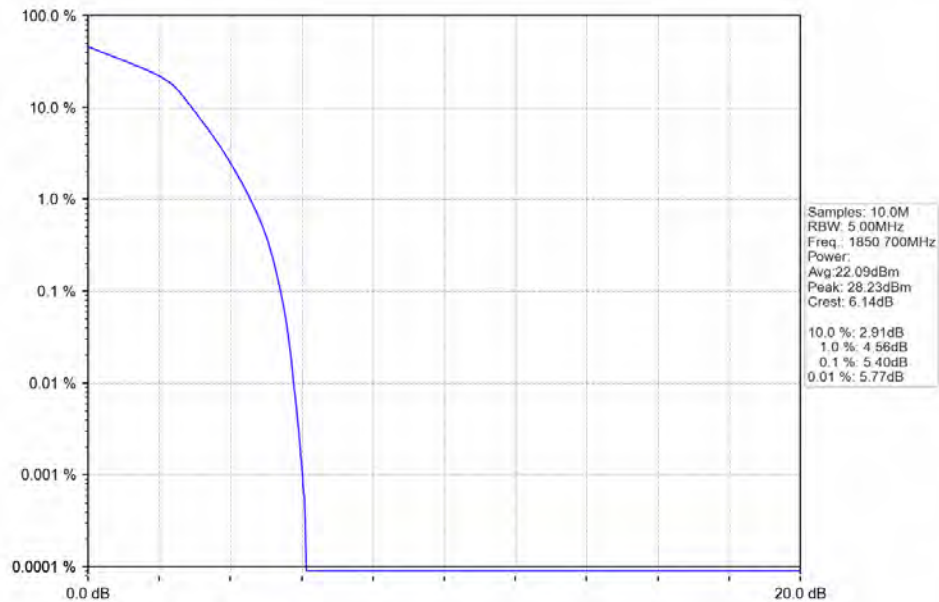
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

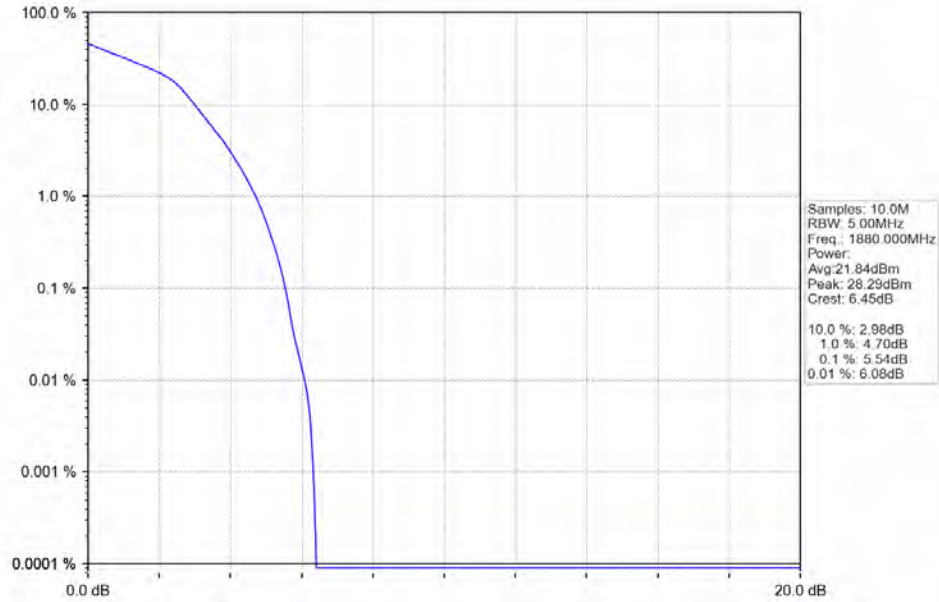




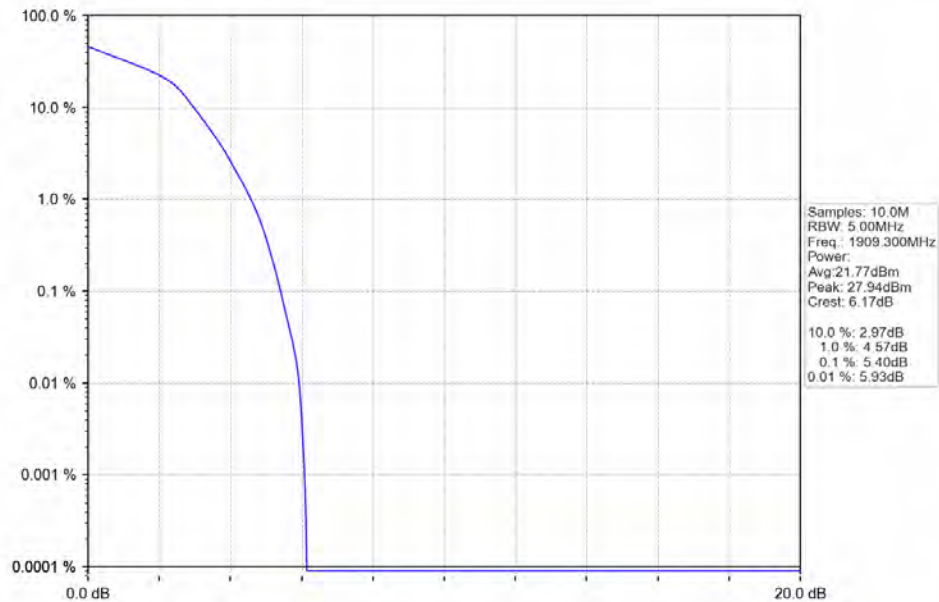
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

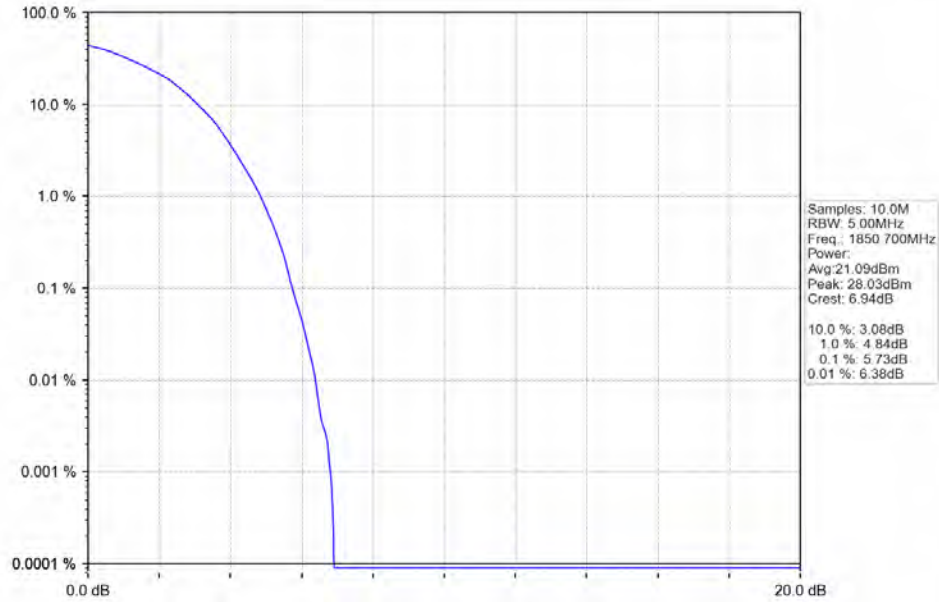




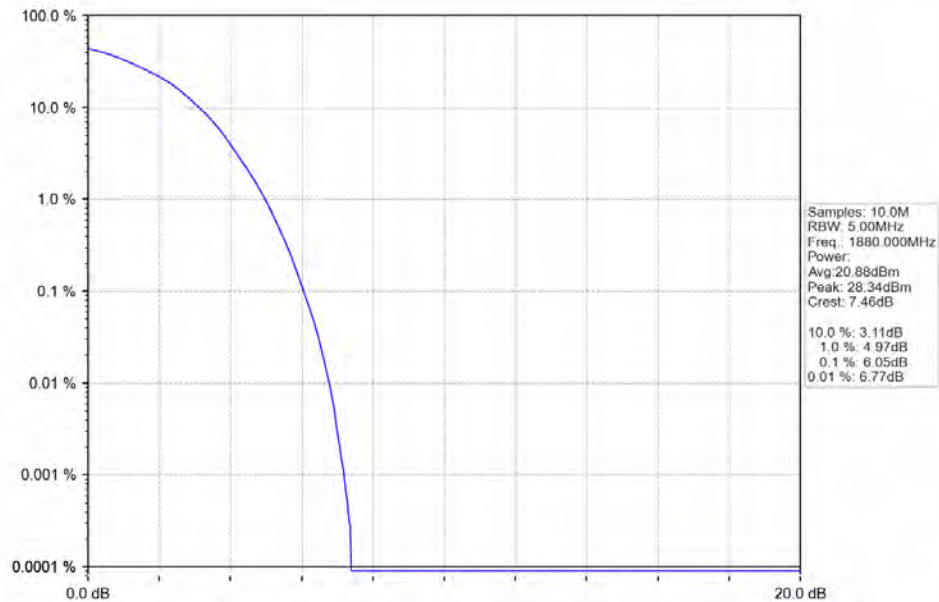
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

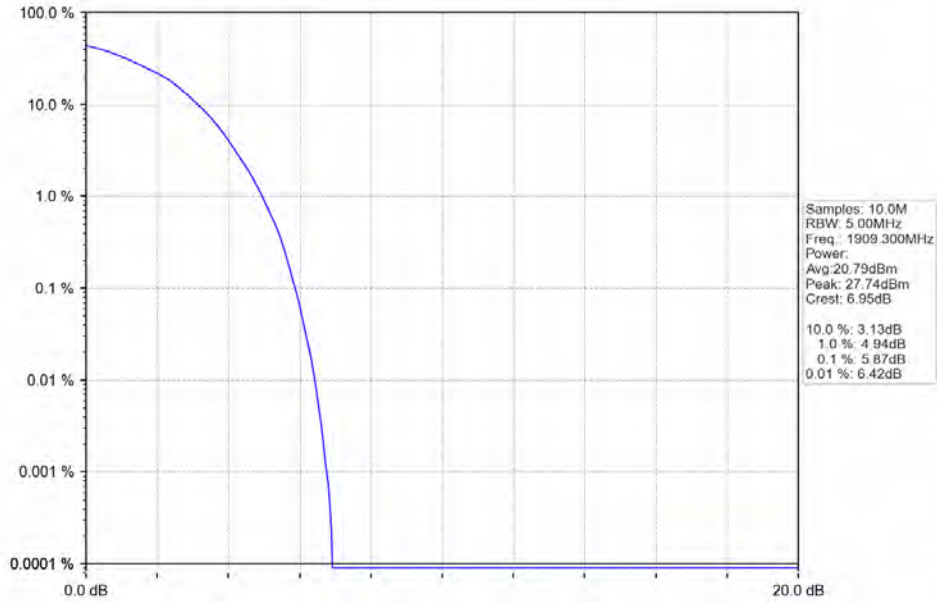




BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV





BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

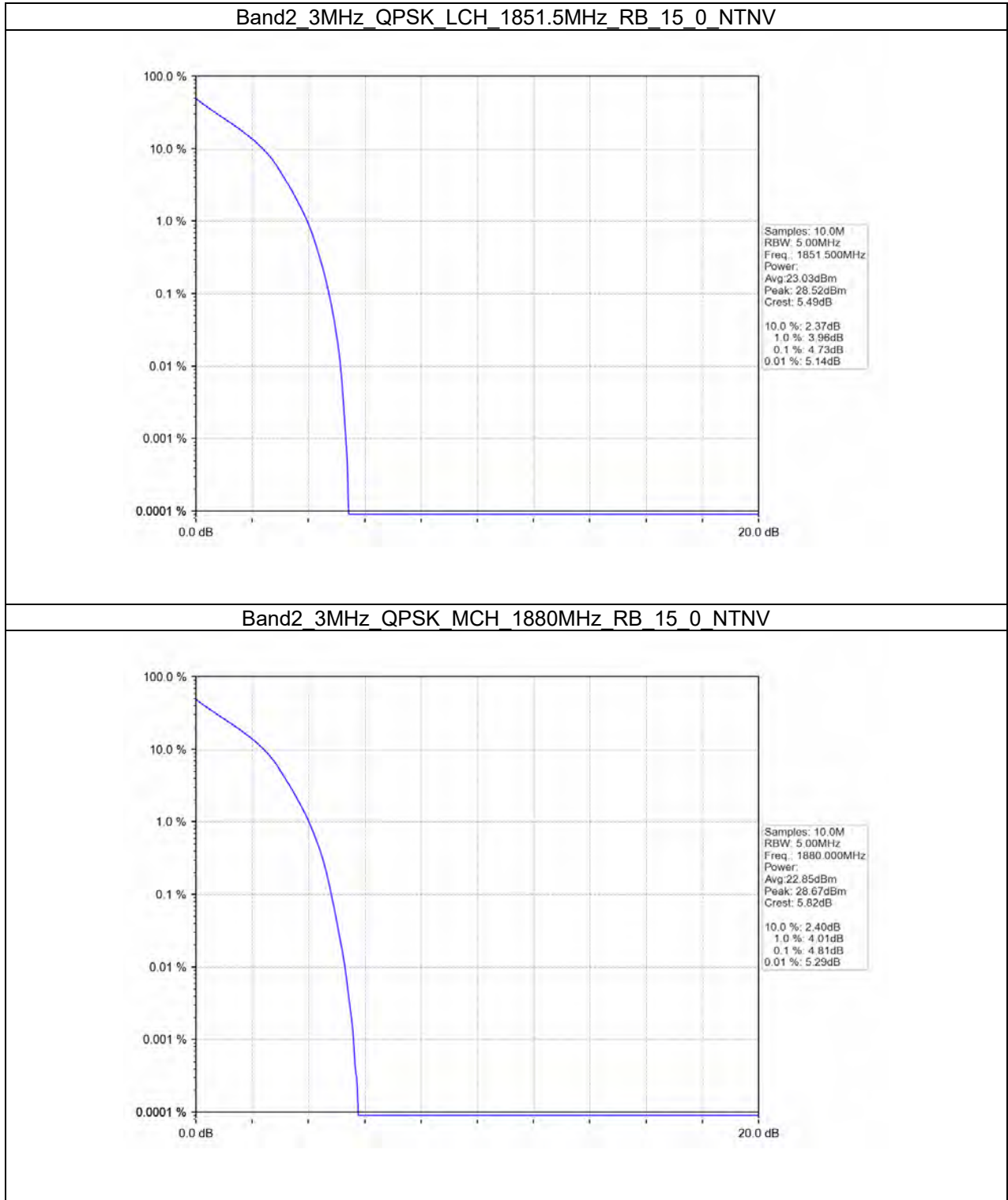
B2_3MHz

Test Result

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.73	<=13	Pass
	1880	15	0	4.81	<=13	Pass
	1908.5	15	0	4.79	<=13	Pass
16QAM	1851.5	15	0	5.58	<=13	Pass
	1880	15	0	5.64	<=13	Pass
	1908.5	15	0	5.62	<=13	Pass
64QAM	1851.5	15	0	6.00	<=13	Pass
	1880	15	0	6.04	<=13	Pass
	1908.5	15	0	5.99	<=13	Pass



Test Graph

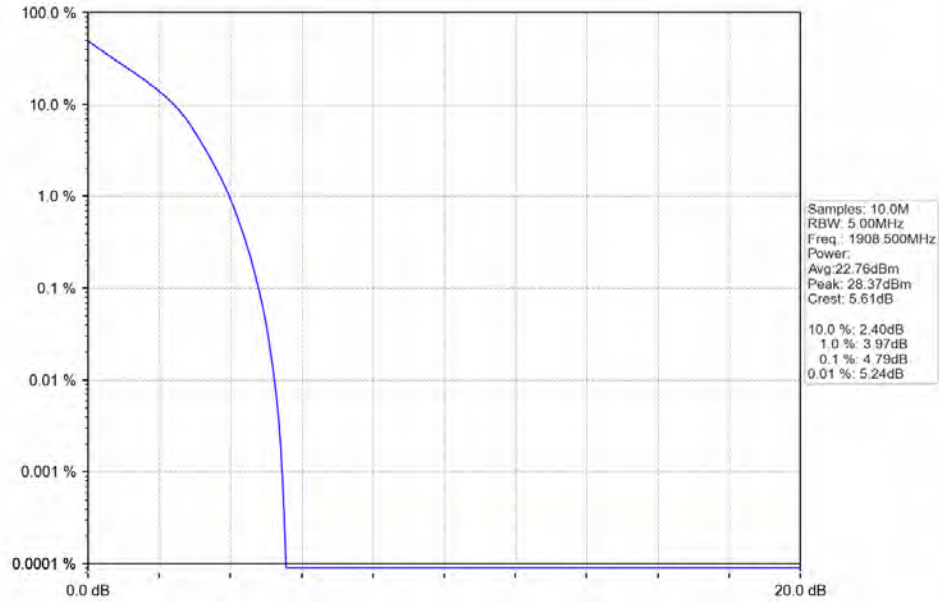




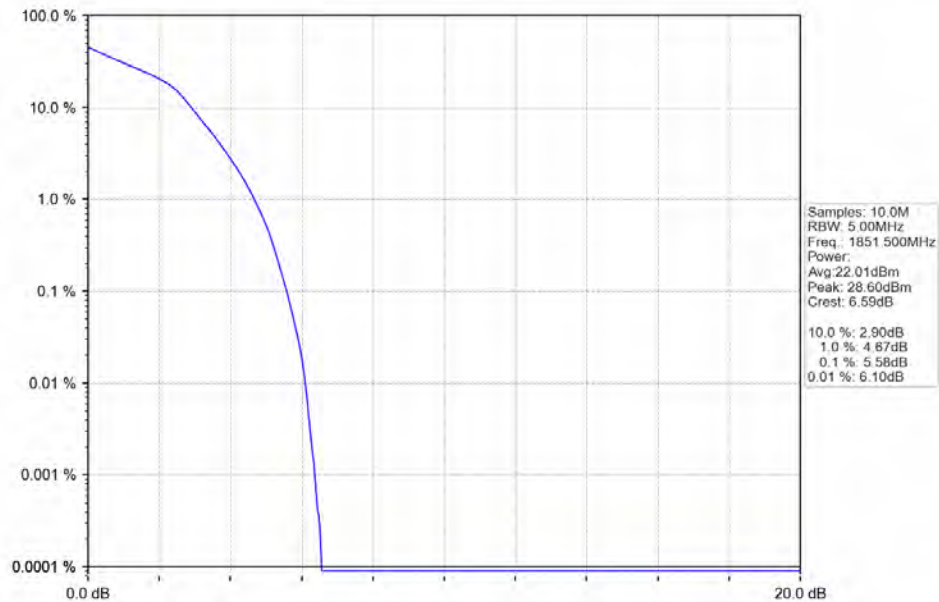
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

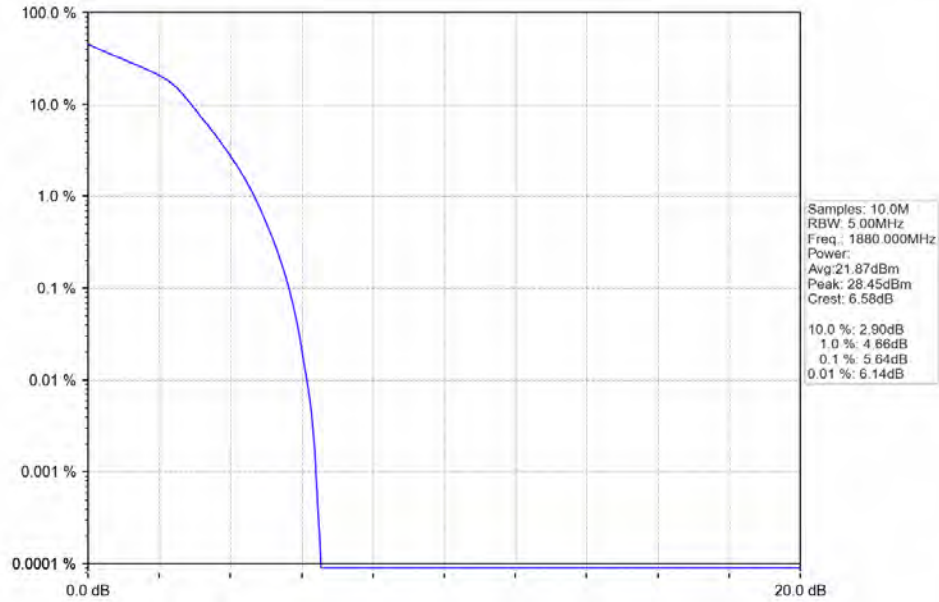




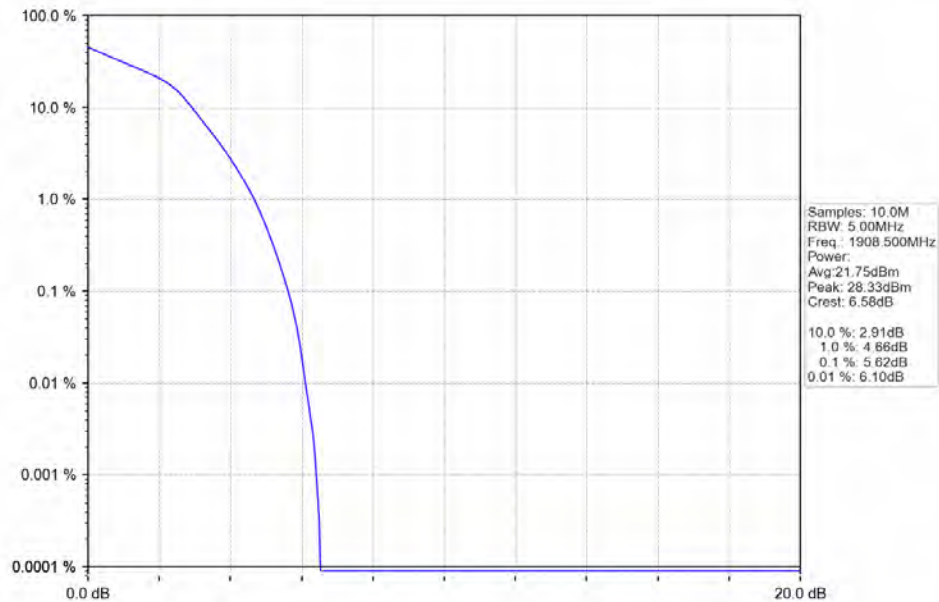
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTN



Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTN

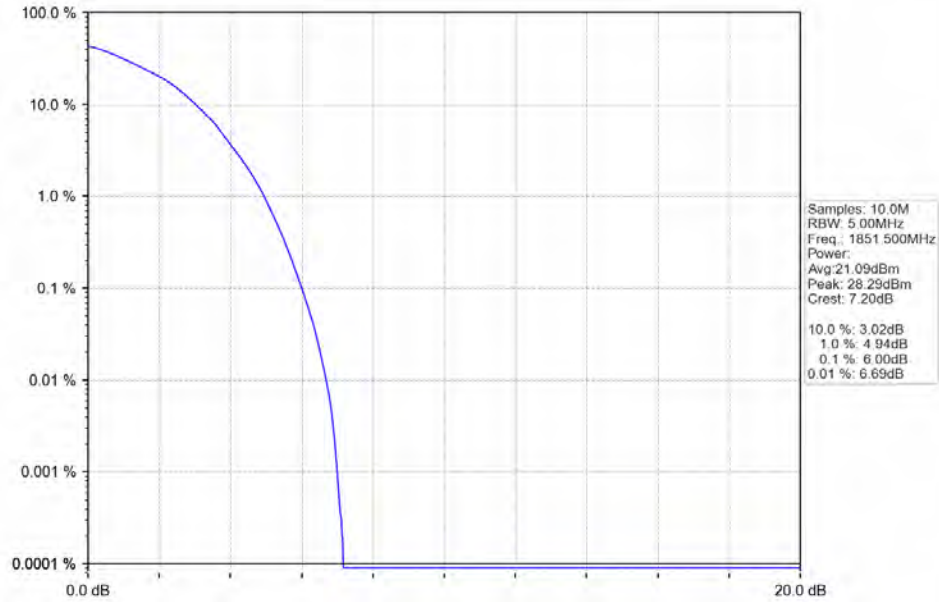




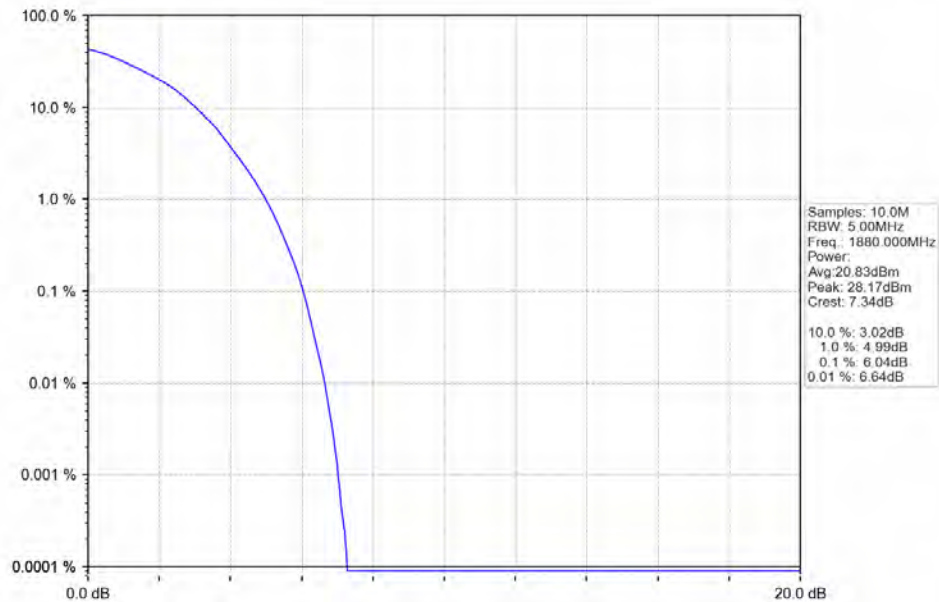
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV

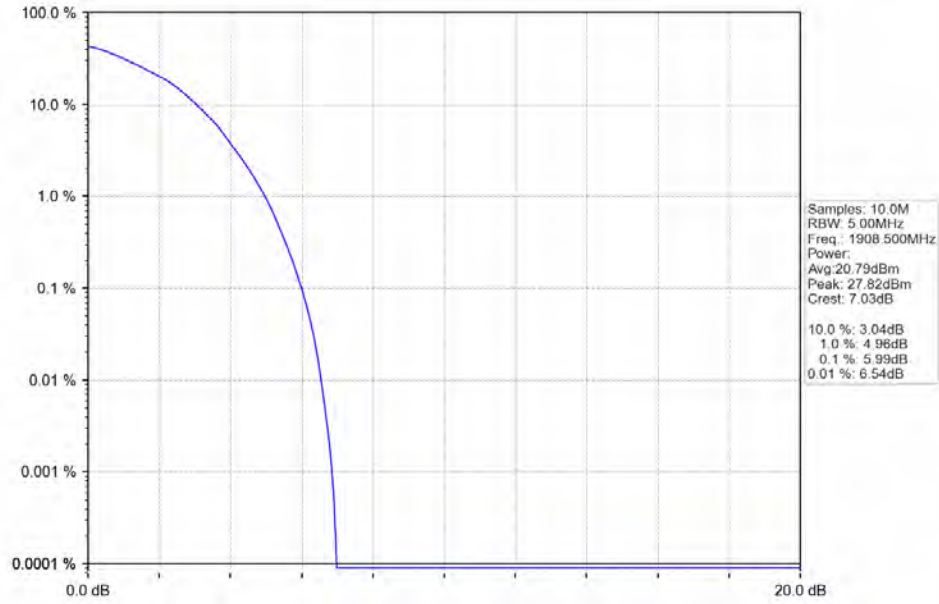




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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV





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VERITAS**

Test Report No.: W7L-220503W001RF05

B2_5MHz

Test Result

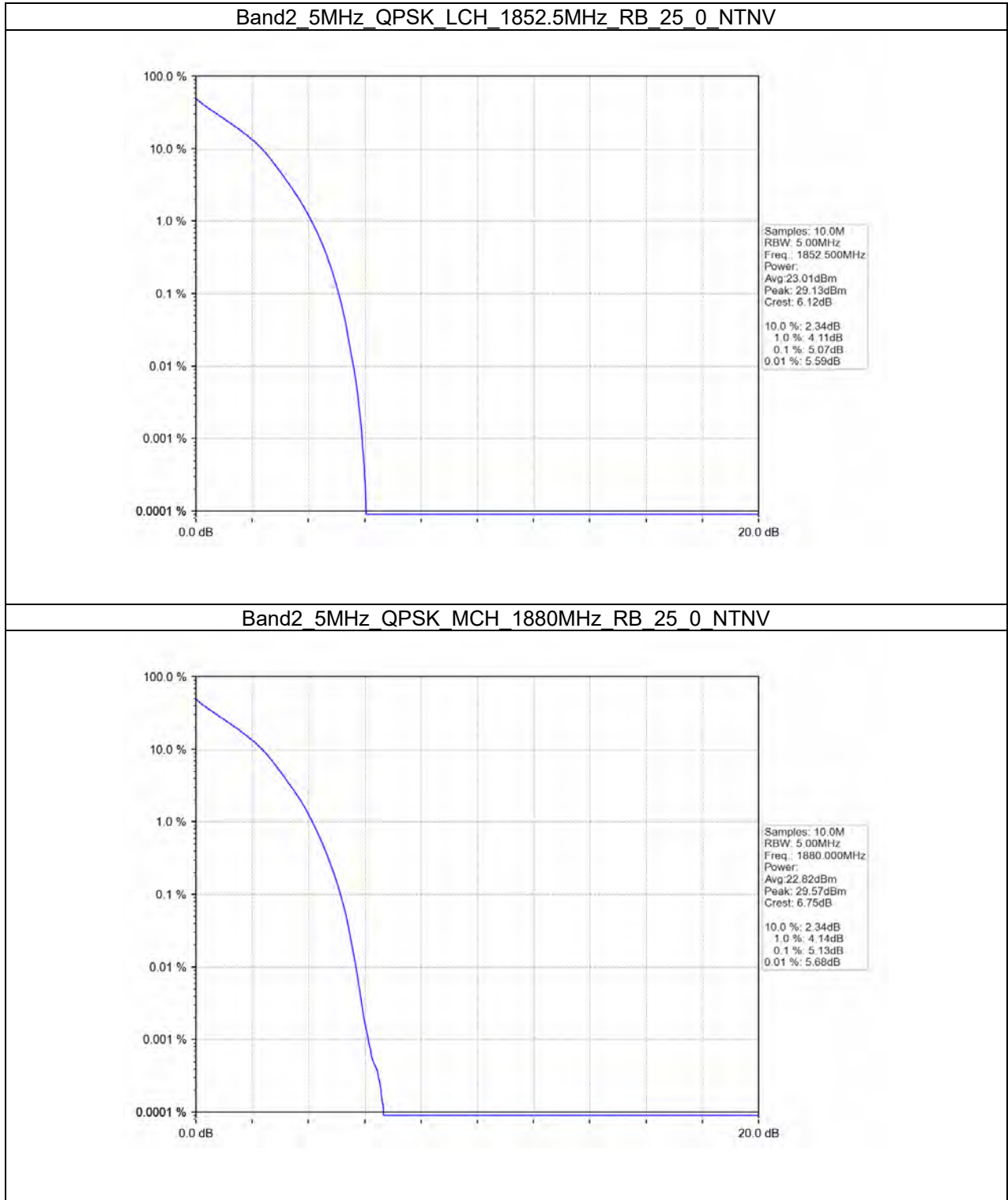
Band: 2 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.07	<=13	Pass
	1880	25	0	5.13	<=13	Pass
	1907.5	25	0	5.05	<=13	Pass
16QAM	1852.5	25	0	5.76	<=13	Pass
	1880	25	0	5.83	<=13	Pass
	1907.5	25	0	5.78	<=13	Pass
64QAM	1852.5	25	0	6.15	<=13	Pass
	1880	25	0	6.20	<=13	Pass
	1907.5	25	0	6.13	<=13	Pass



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

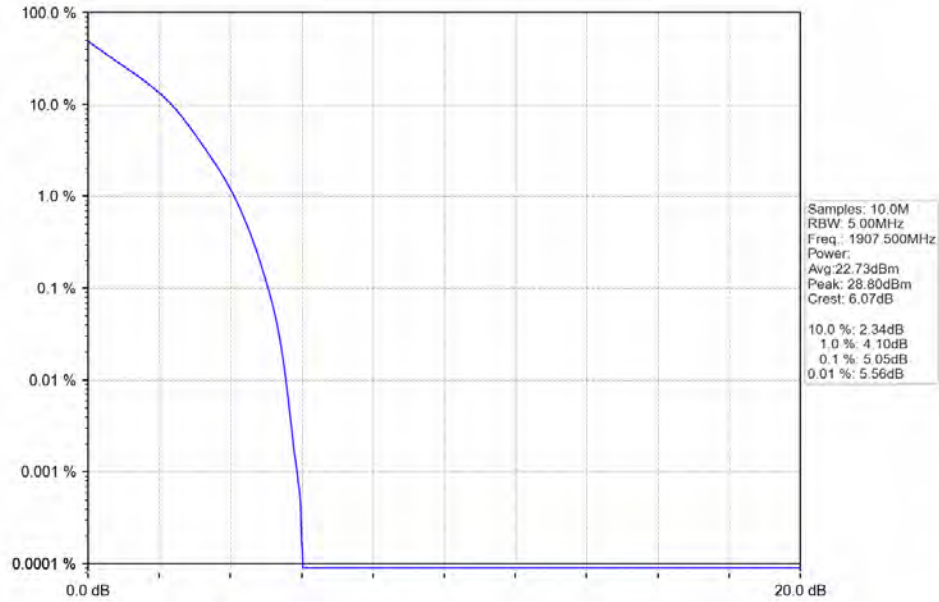




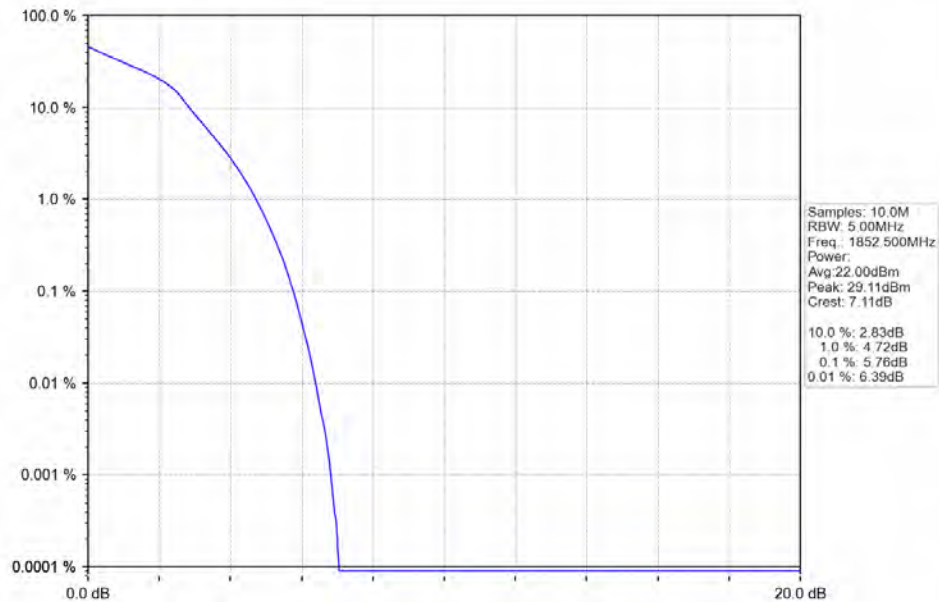
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

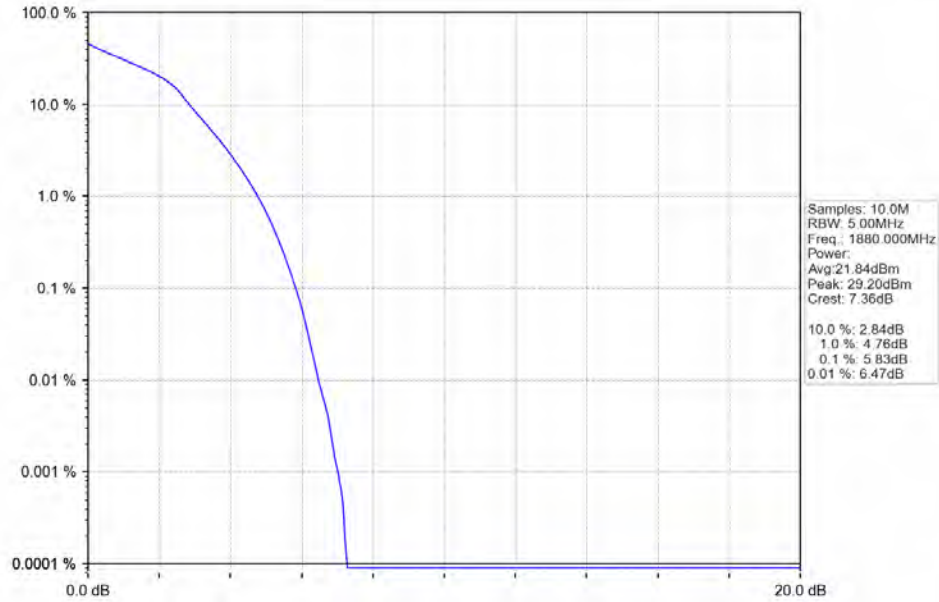




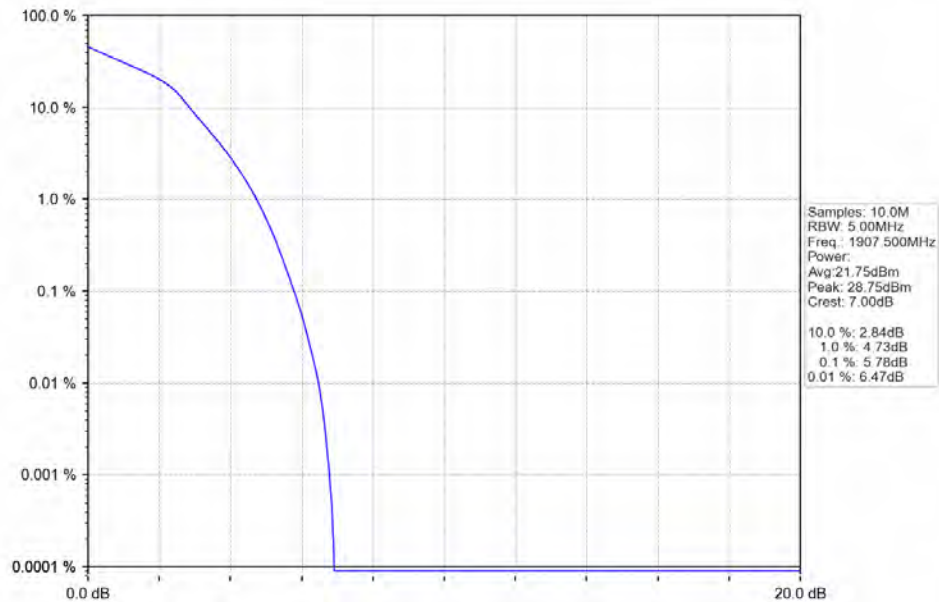
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

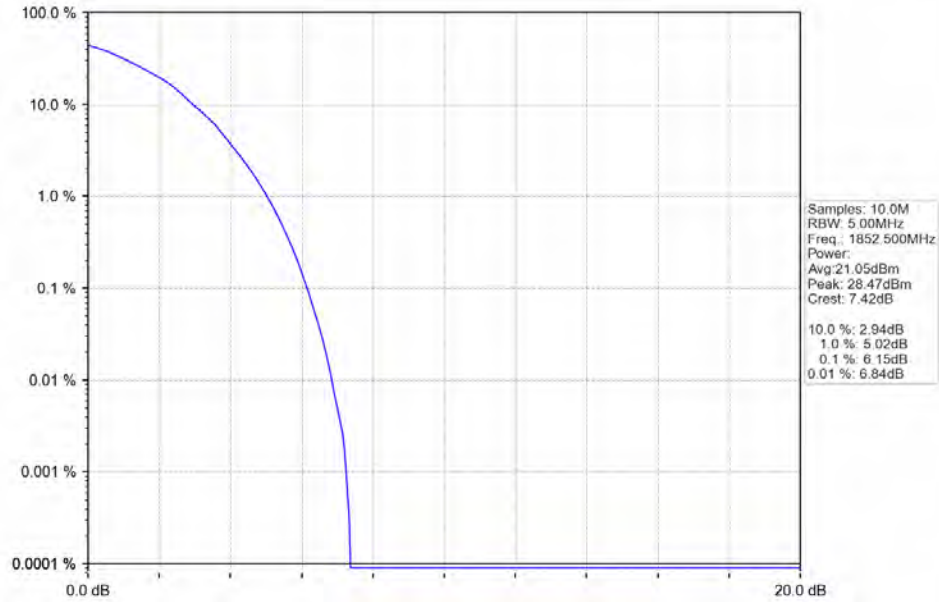




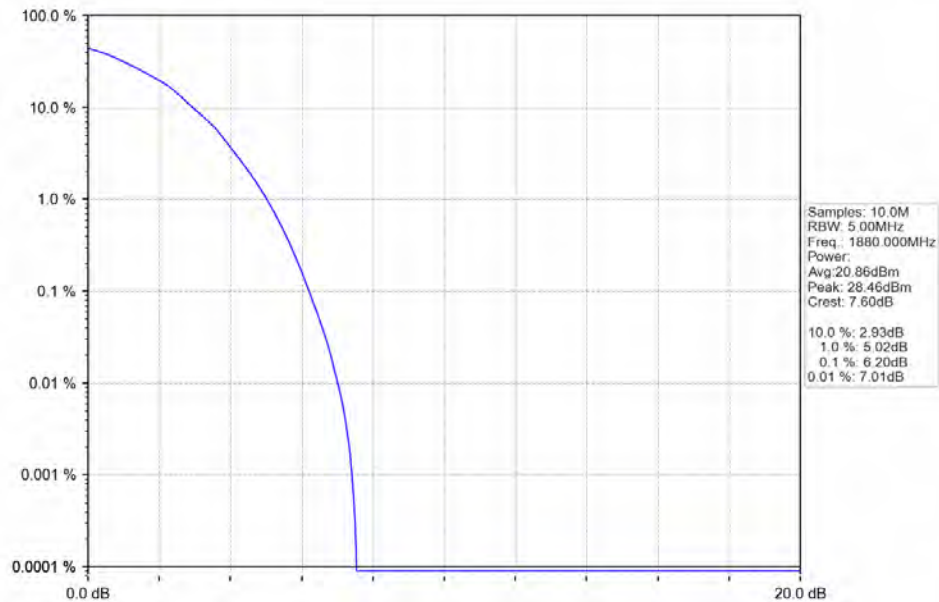
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

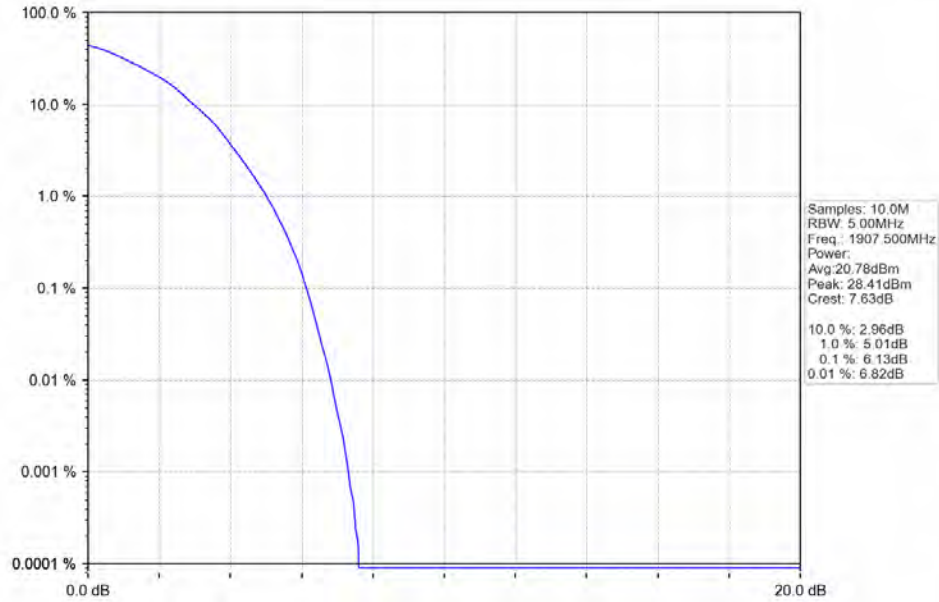




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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05

B2_10MHz

Test Result

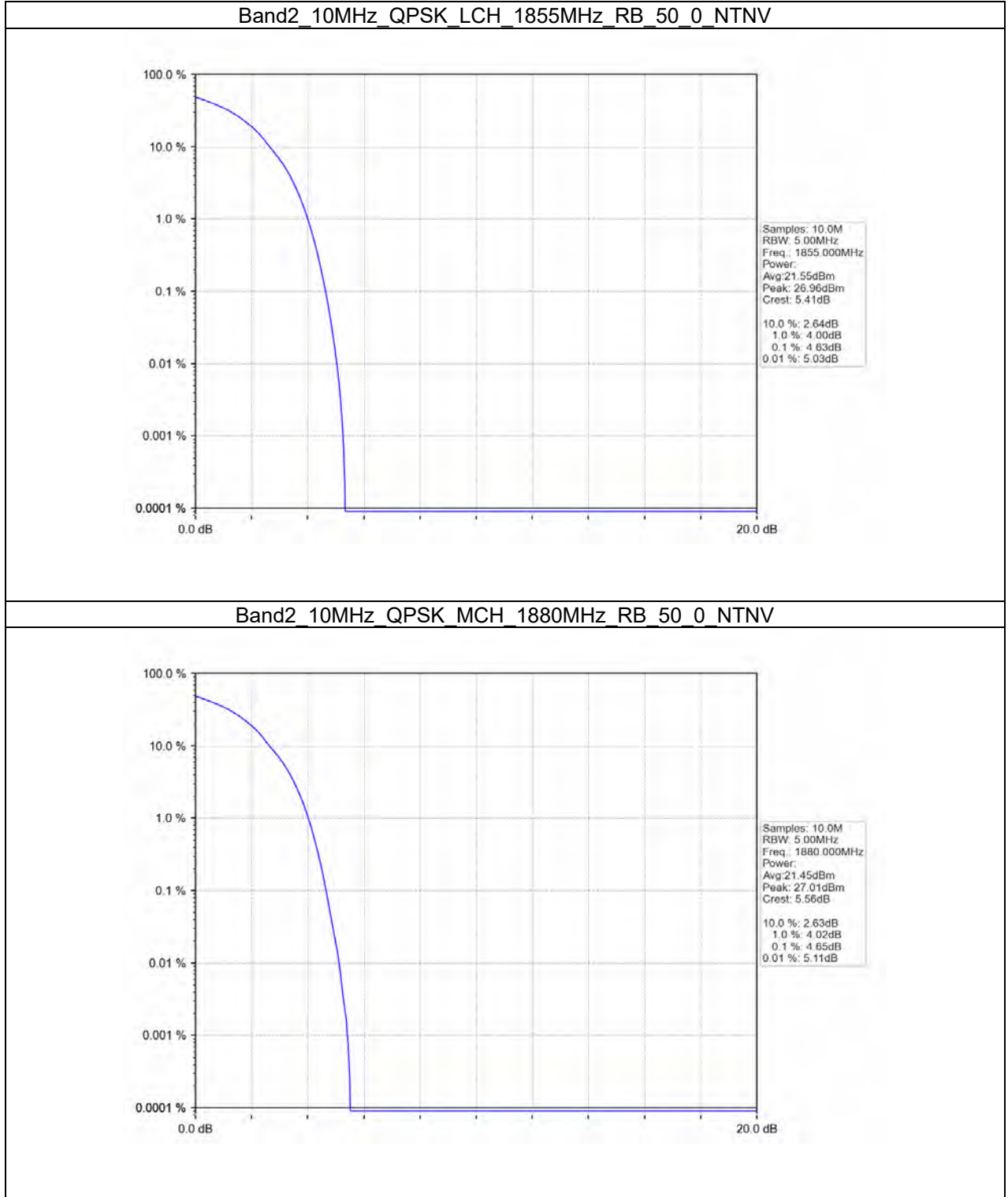
Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	4.63	<=13	Pass
	1880	50	0	4.65	<=13	Pass
	1905	50	0	4.60	<=13	Pass
16QAM	1855	50	0	5.98	<=13	Pass
	1880	50	0	5.92	<=13	Pass
	1905	50	0	5.98	<=13	Pass
64QAM	1855	50	0	6.31	<=13	Pass
	1880	50	0	6.28	<=13	Pass
	1905	50	0	6.29	<=13	Pass



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

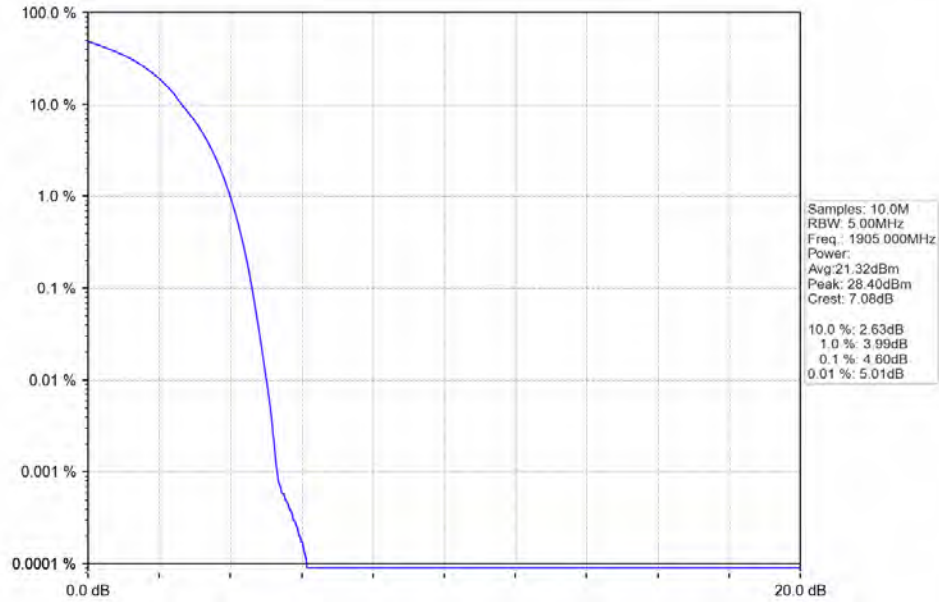




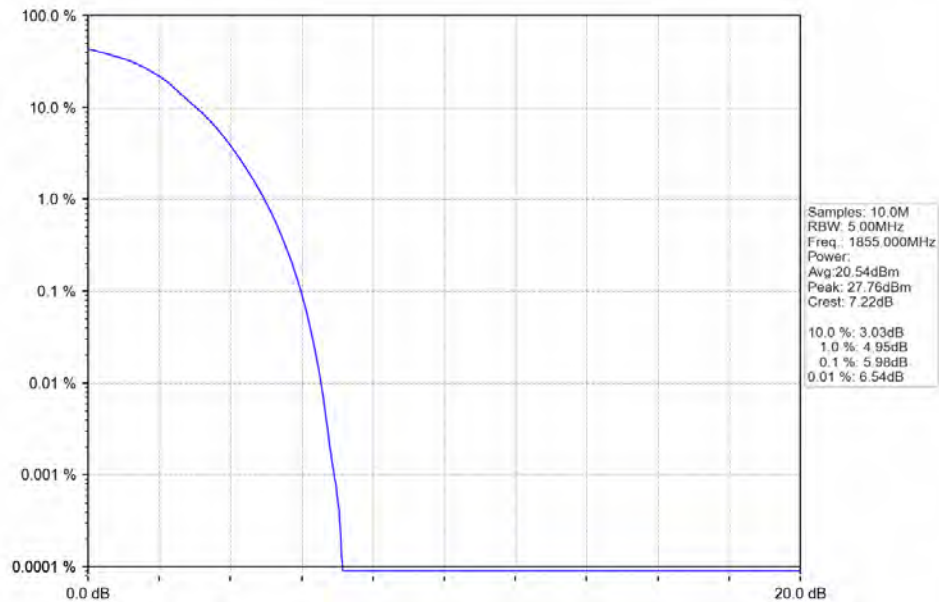
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

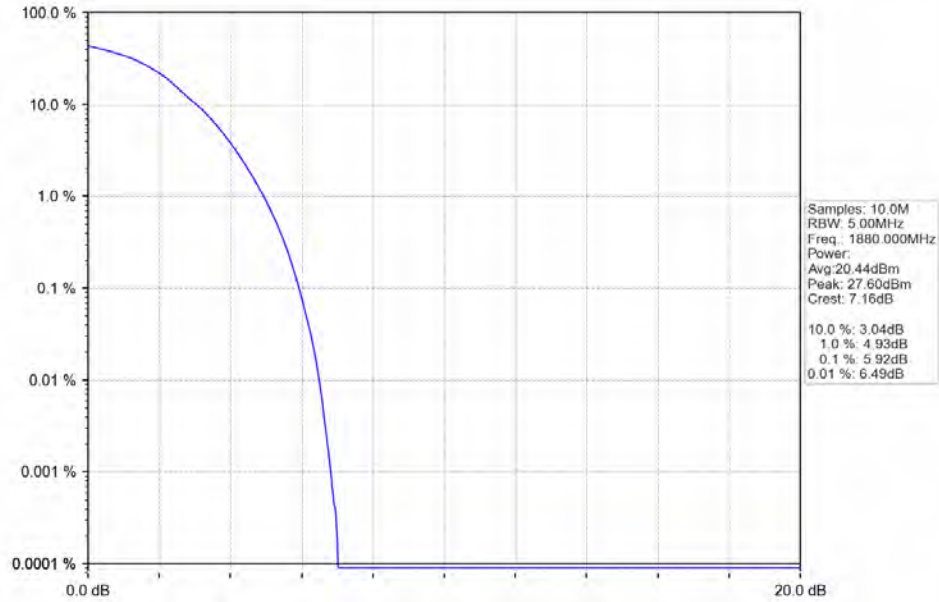




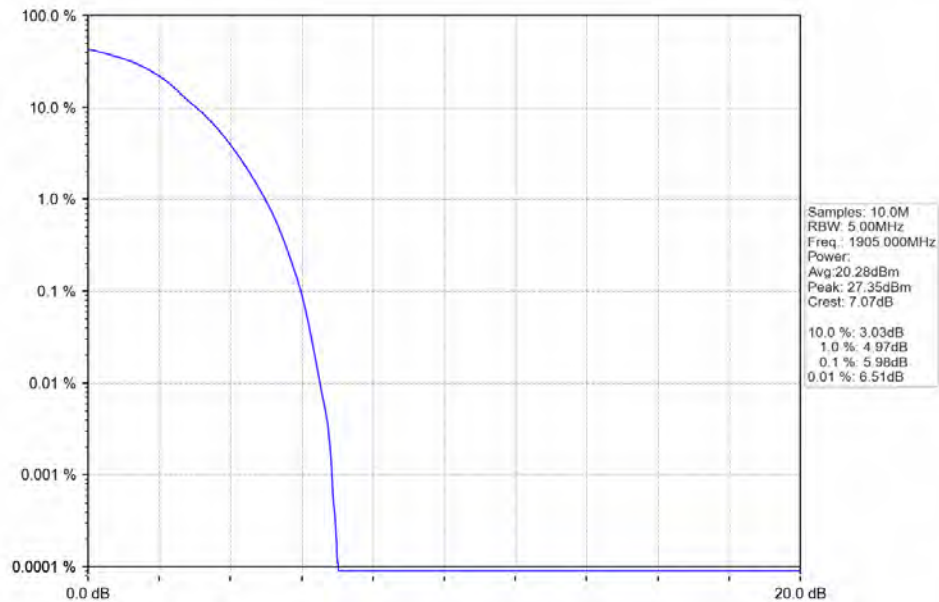
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

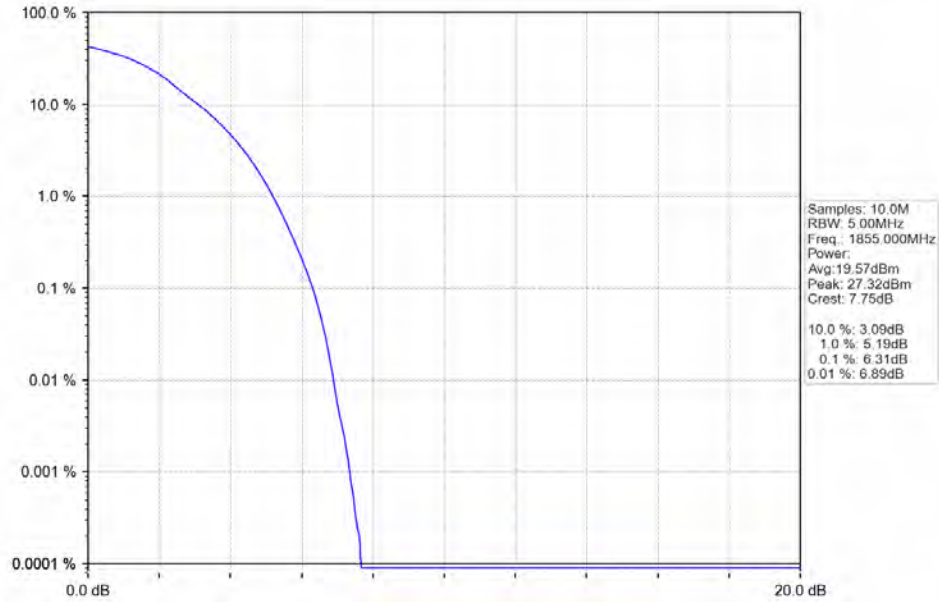




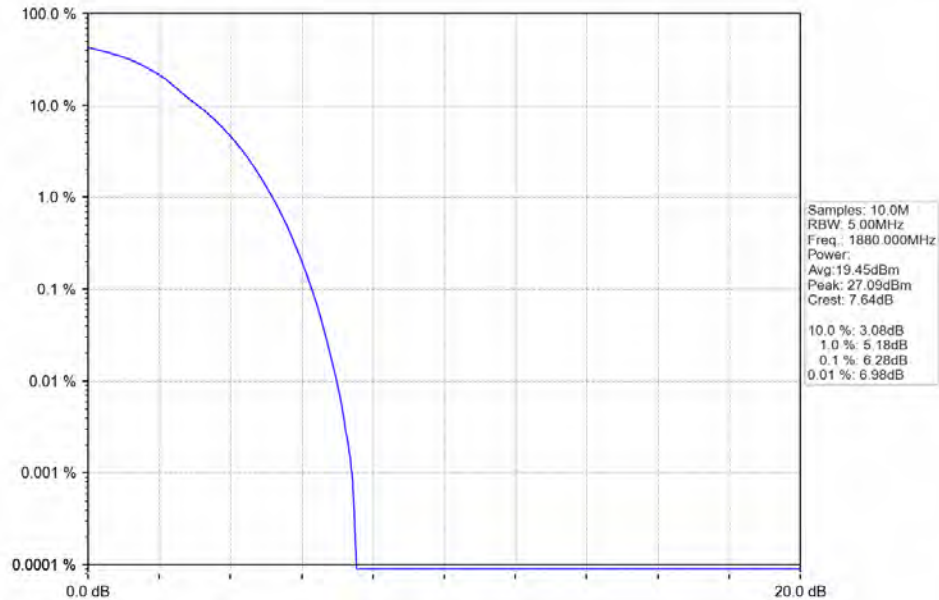
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV

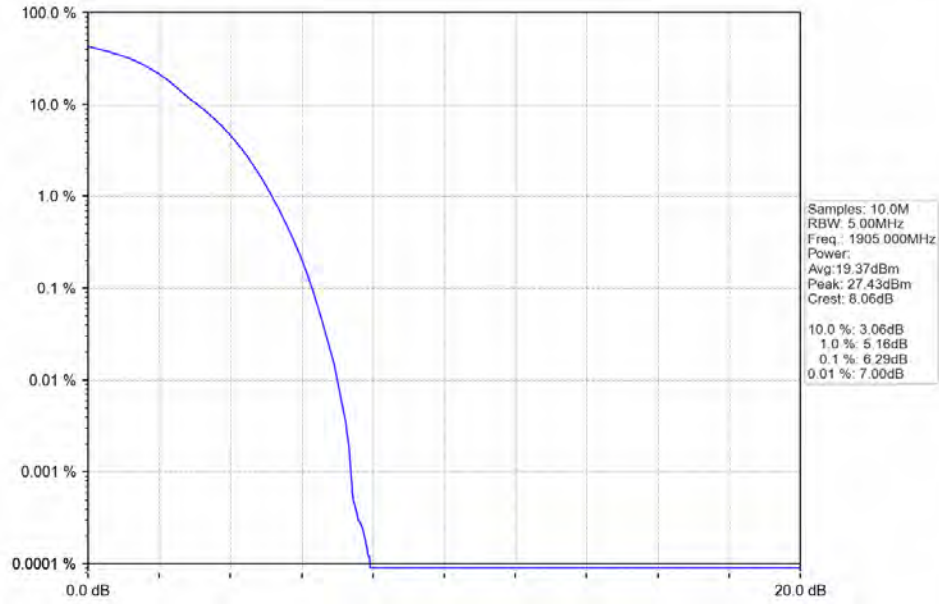




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VERITAS

Test Report No.: W7L-220503W001RF05

Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV





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VERITAS**

Test Report No.: W7L-220503W001RF05

B2_15MHz

Test Result

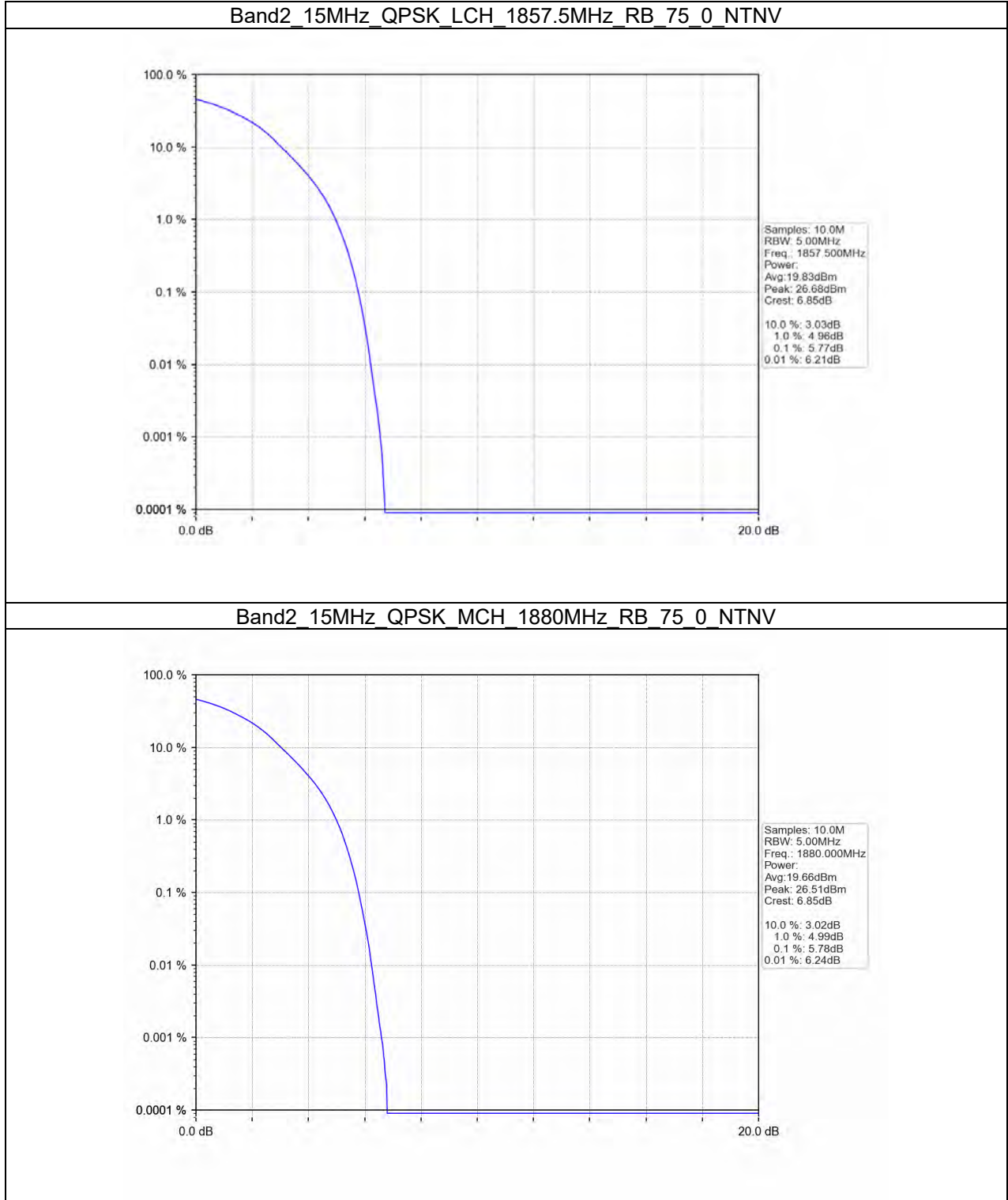
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.77	<=13	Pass
	1880	75	0	5.78	<=13	Pass
	1902.5	75	0	5.77	<=13	Pass
16QAM	1857.5	75	0	6.69	<=13	Pass
	1880	75	0	6.77	<=13	Pass
	1902.5	75	0	6.77	<=13	Pass
64QAM	1857.5	75	0	6.93	<=13	Pass
	1880	75	0	6.92	<=13	Pass
	1902.5	75	0	6.88	<=13	Pass



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

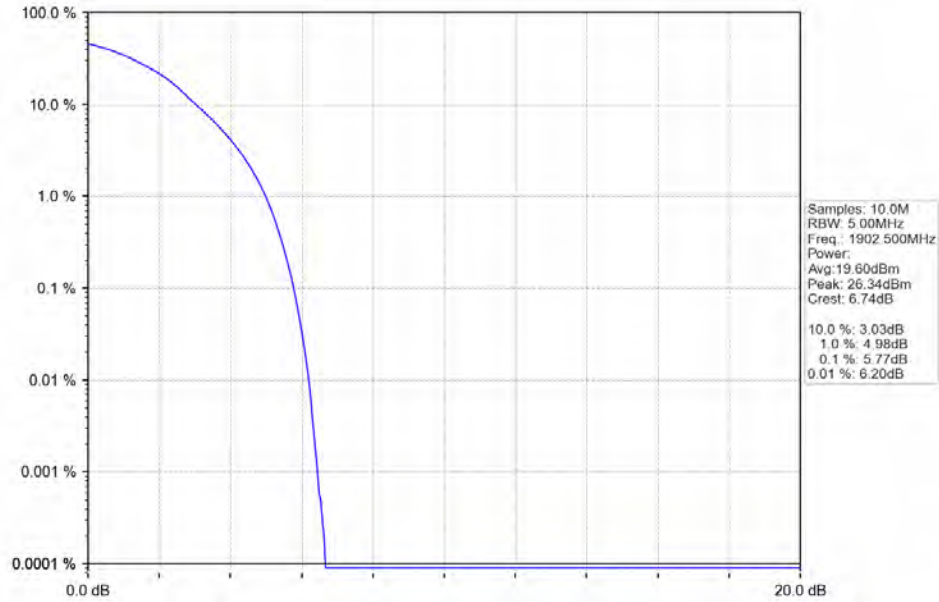




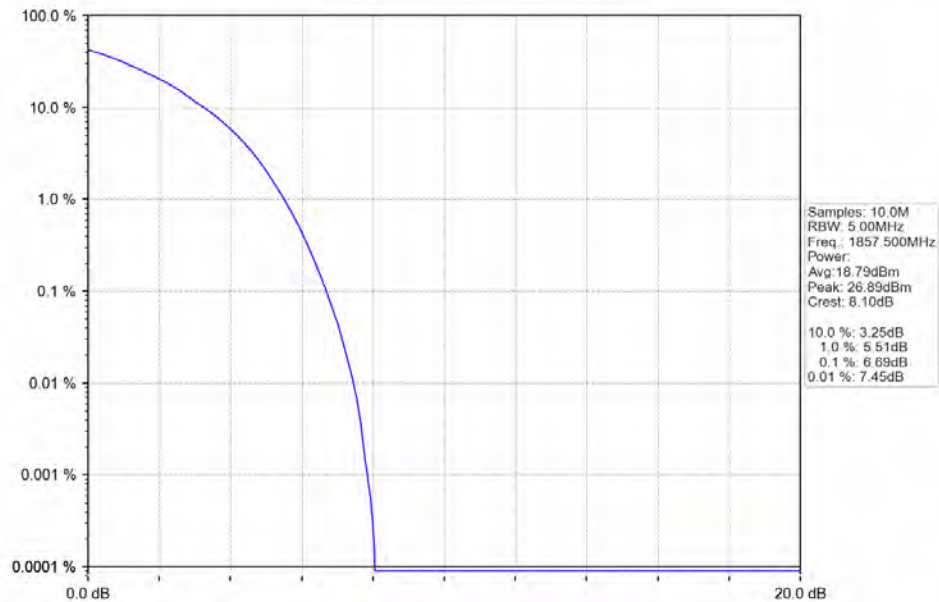
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

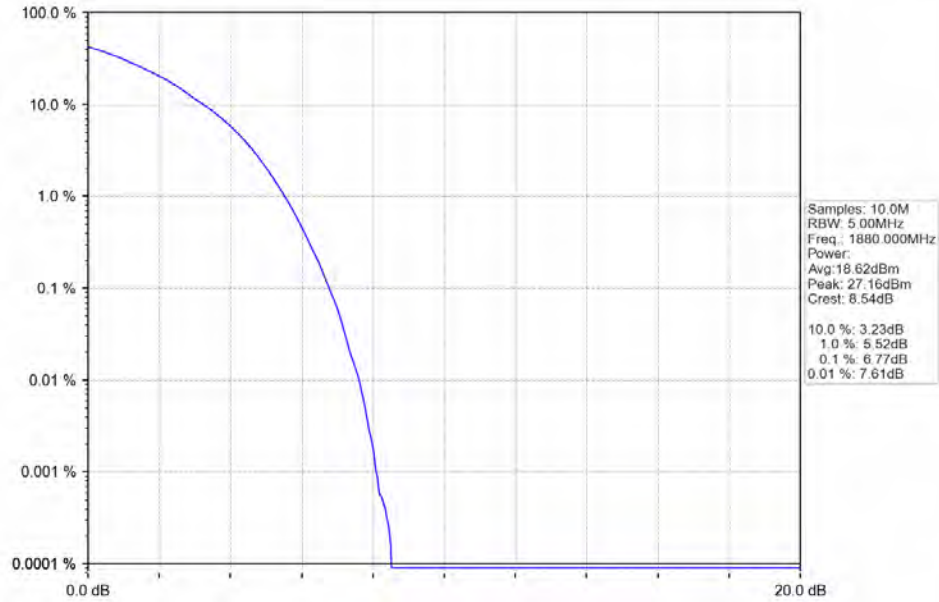




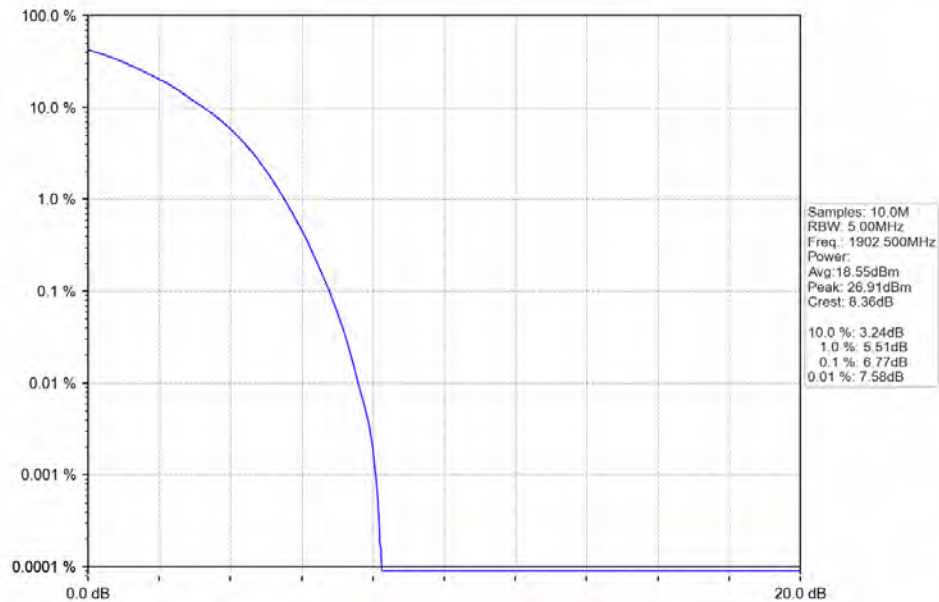
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

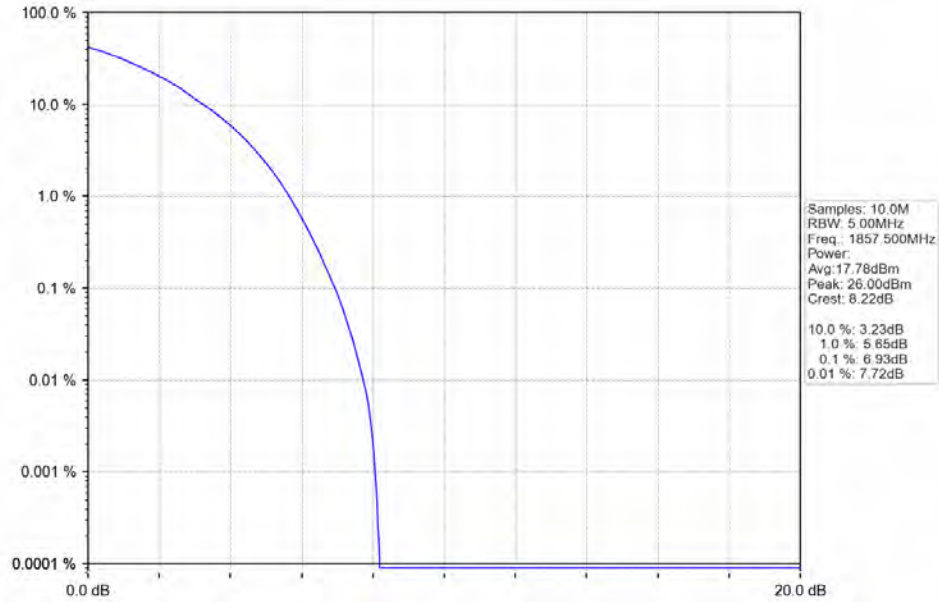




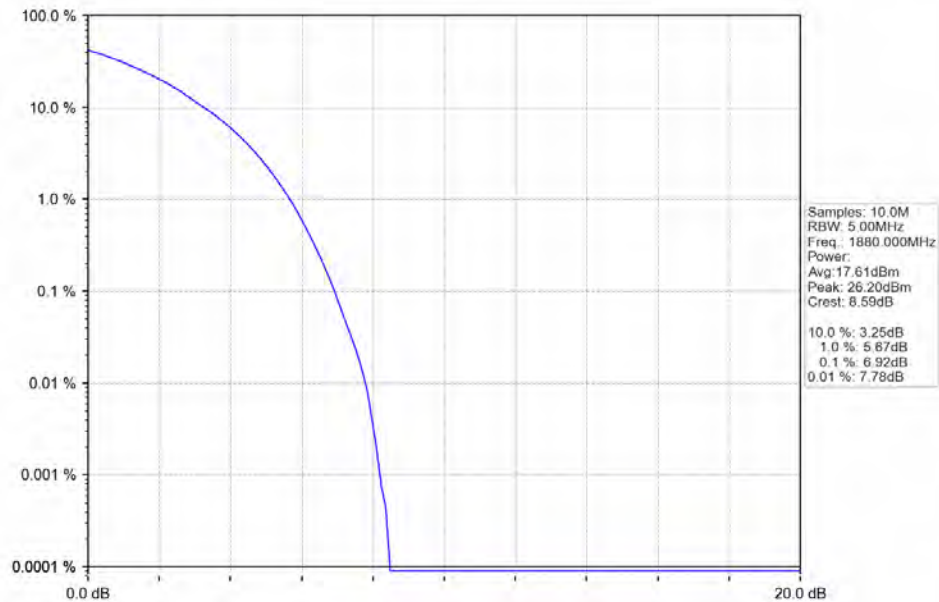
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



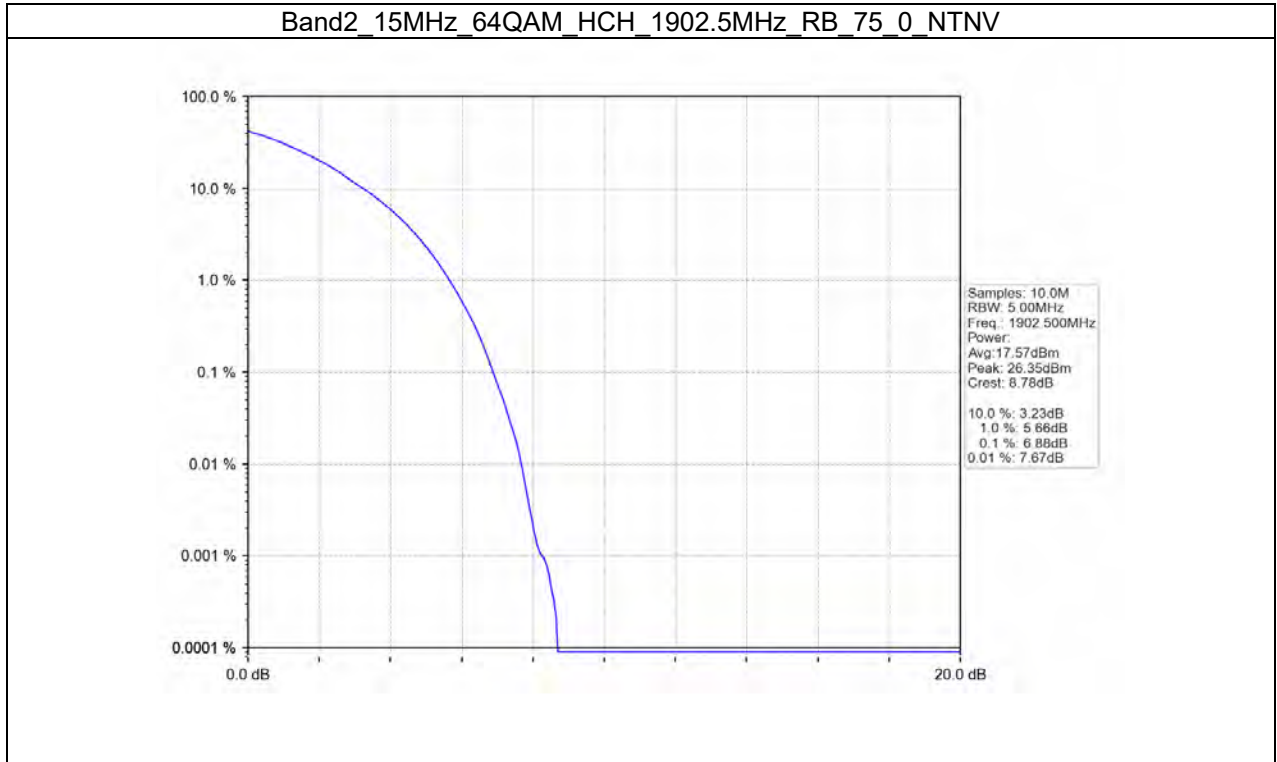
Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05





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VERITAS**

Test Report No.: W7L-220503W001RF05

B2_20MHz

Test Result

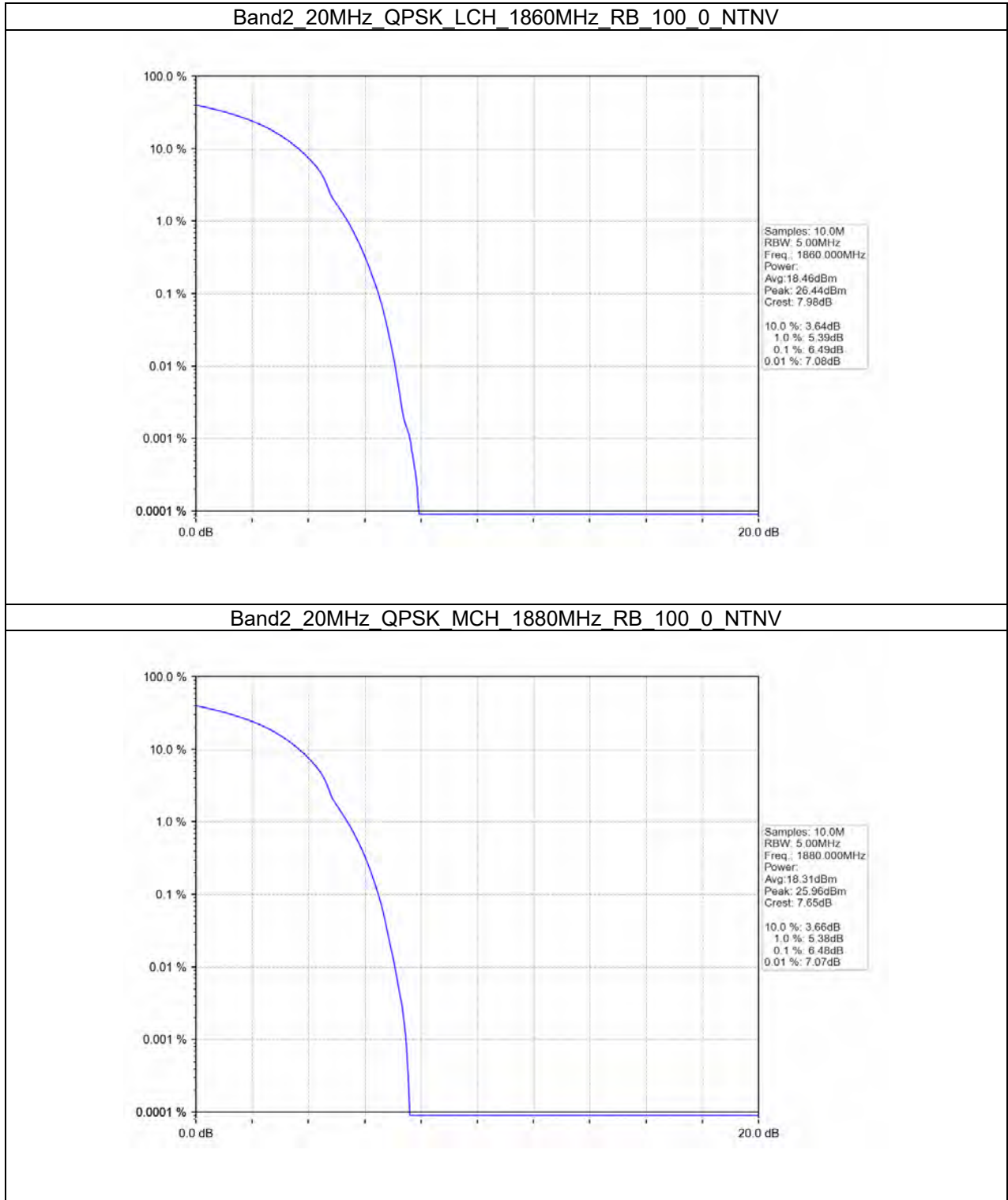
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	6.49	<=13	Pass
	1880	100	0	6.48	<=13	Pass
	1900	100	0	6.47	<=13	Pass
16QAM	1860	100	0	7.14	<=13	Pass
	1880	100	0	7.16	<=13	Pass
	1900	100	0	7.07	<=13	Pass
64QAM	1860	100	0	7.20	<=13	Pass
	1880	100	0	7.26	<=13	Pass
	1900	100	0	7.25	<=13	Pass



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

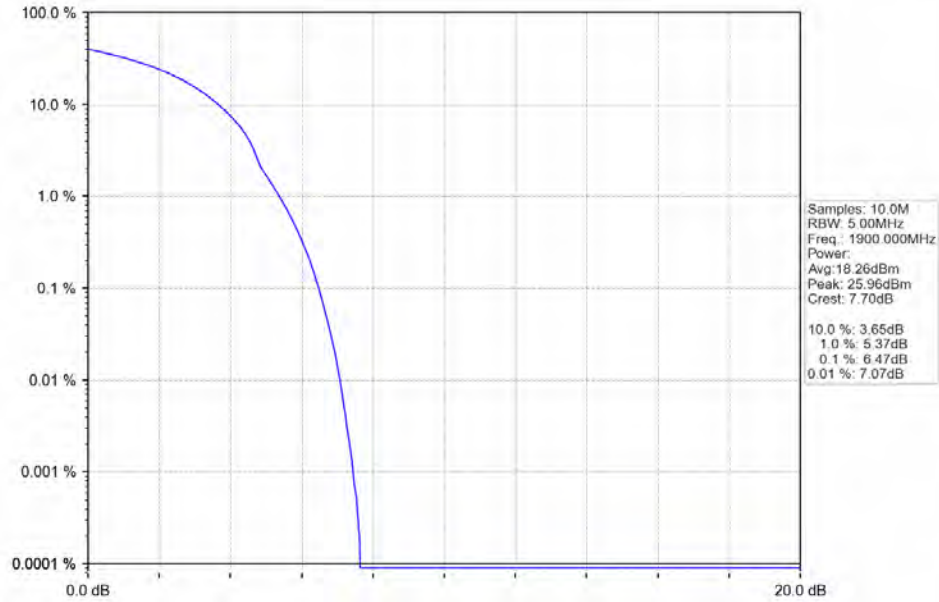




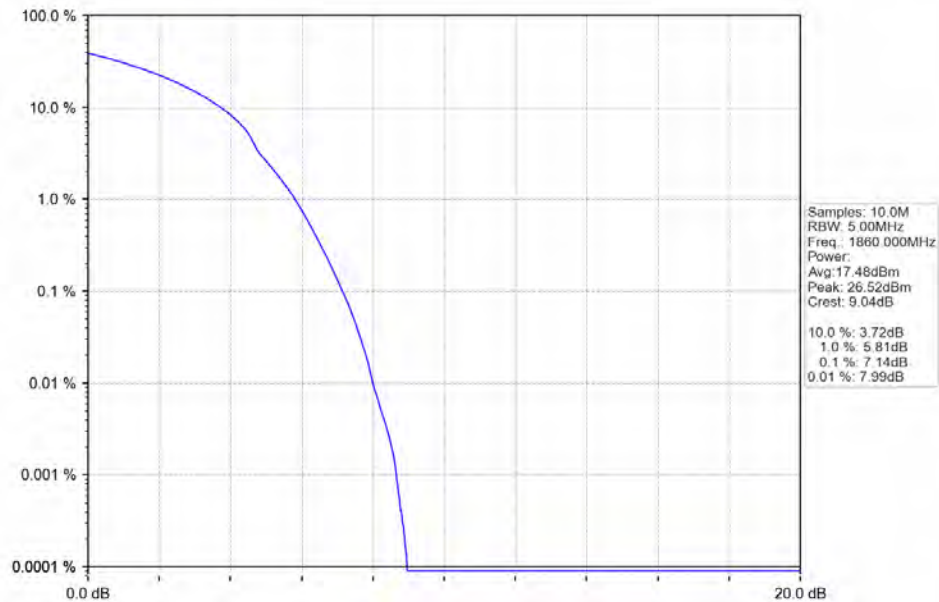
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

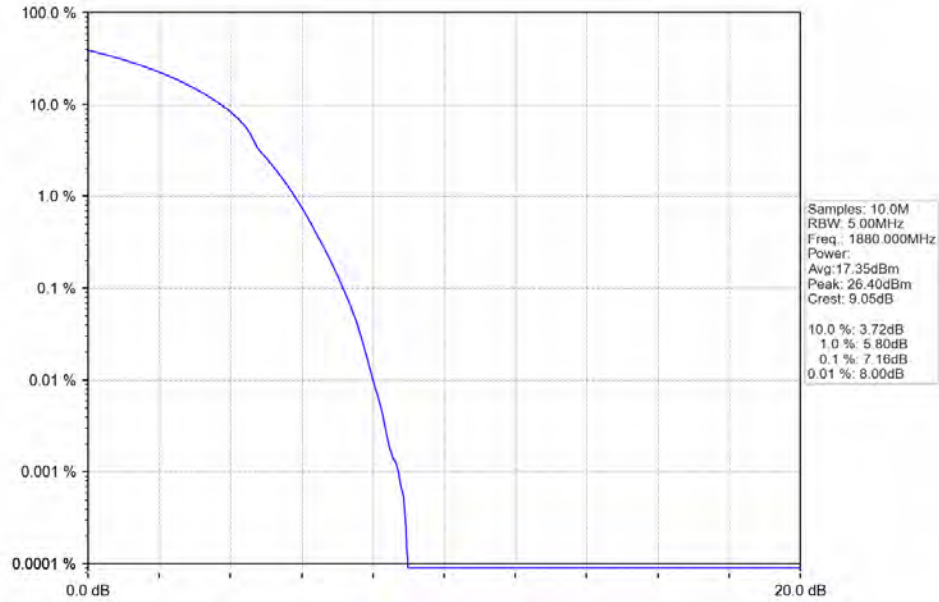




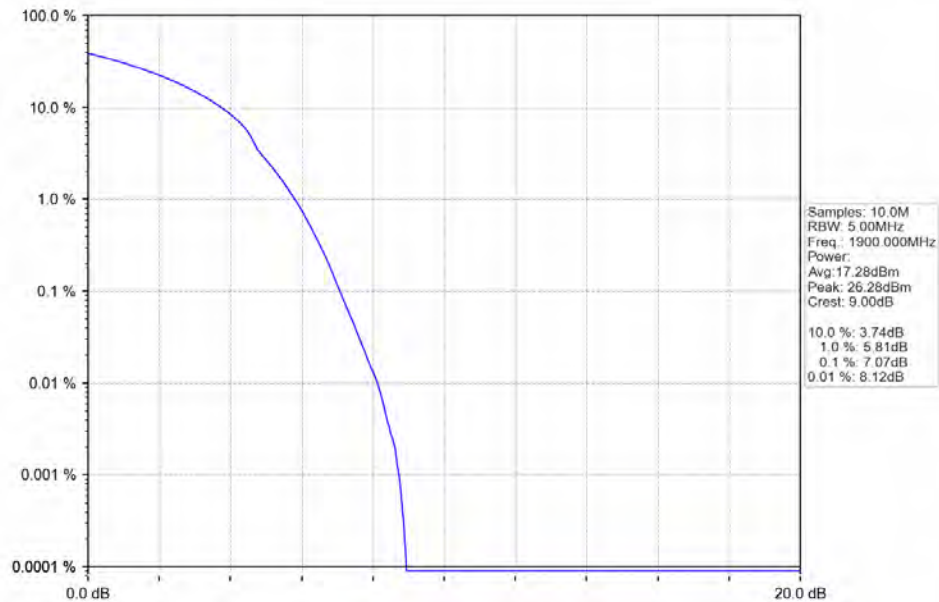
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

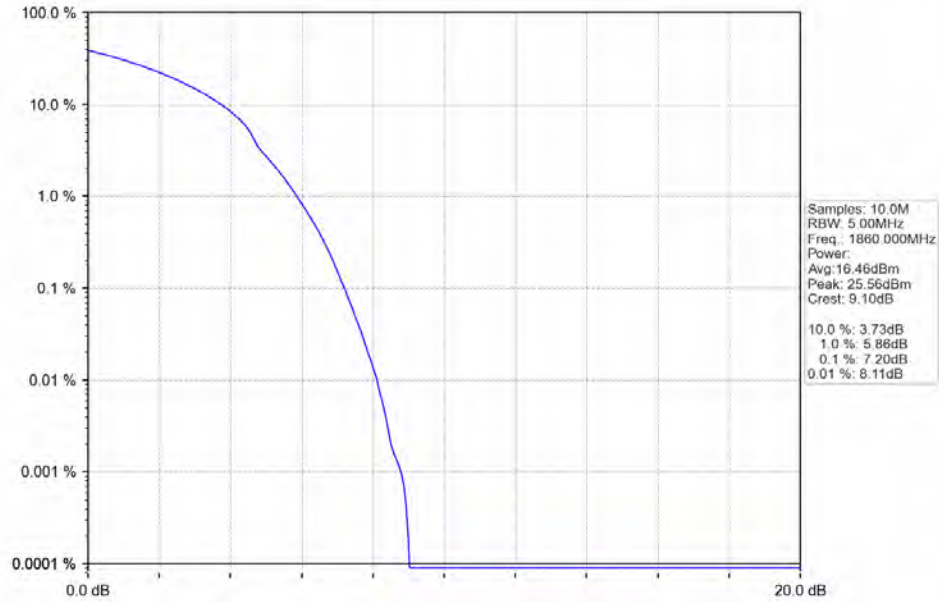




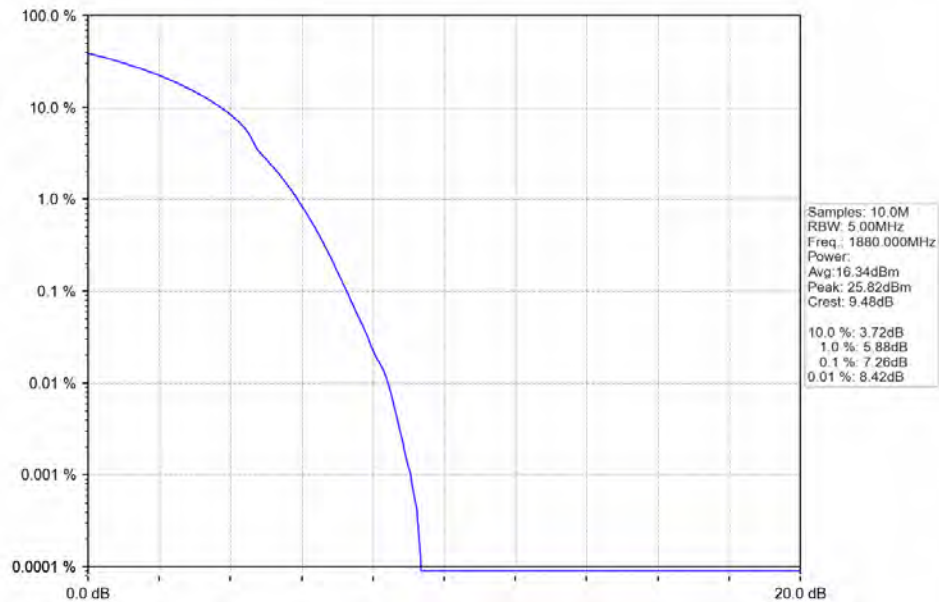
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



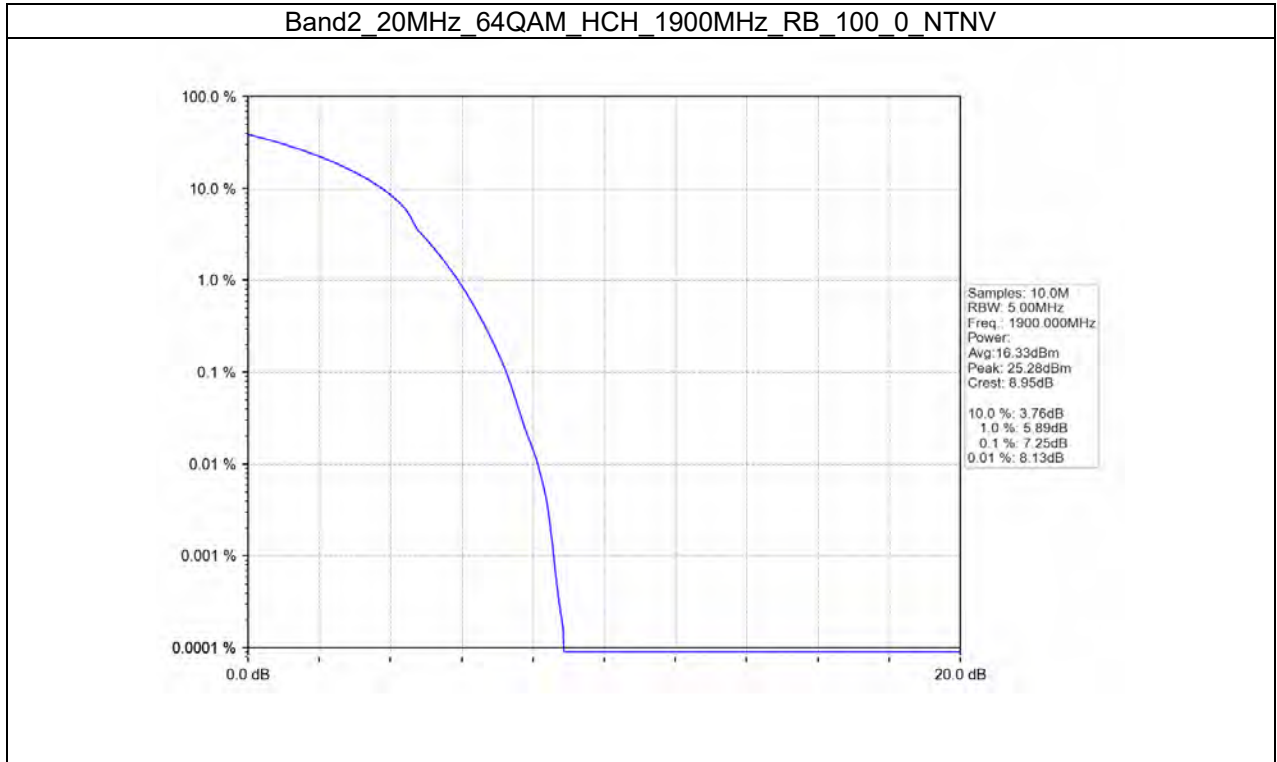
Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05





Spurious Emission

B2_1.4MHz

Test Result

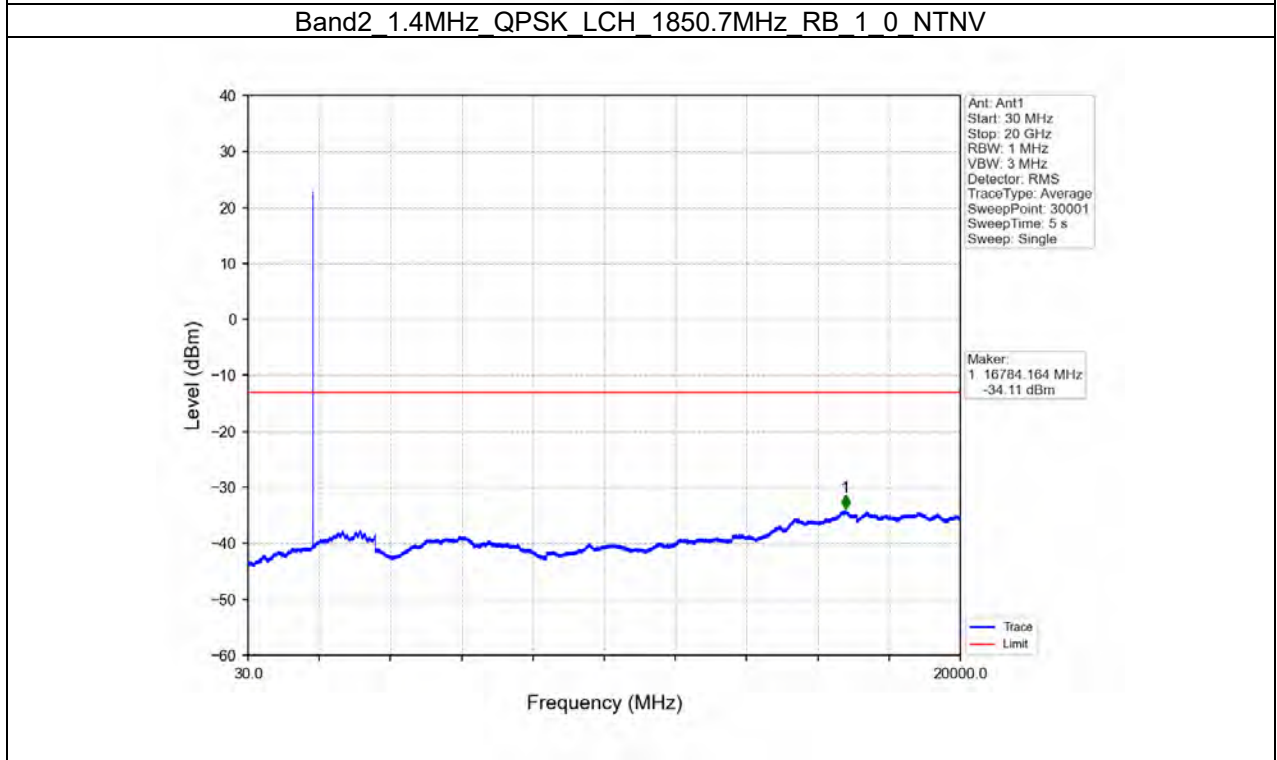
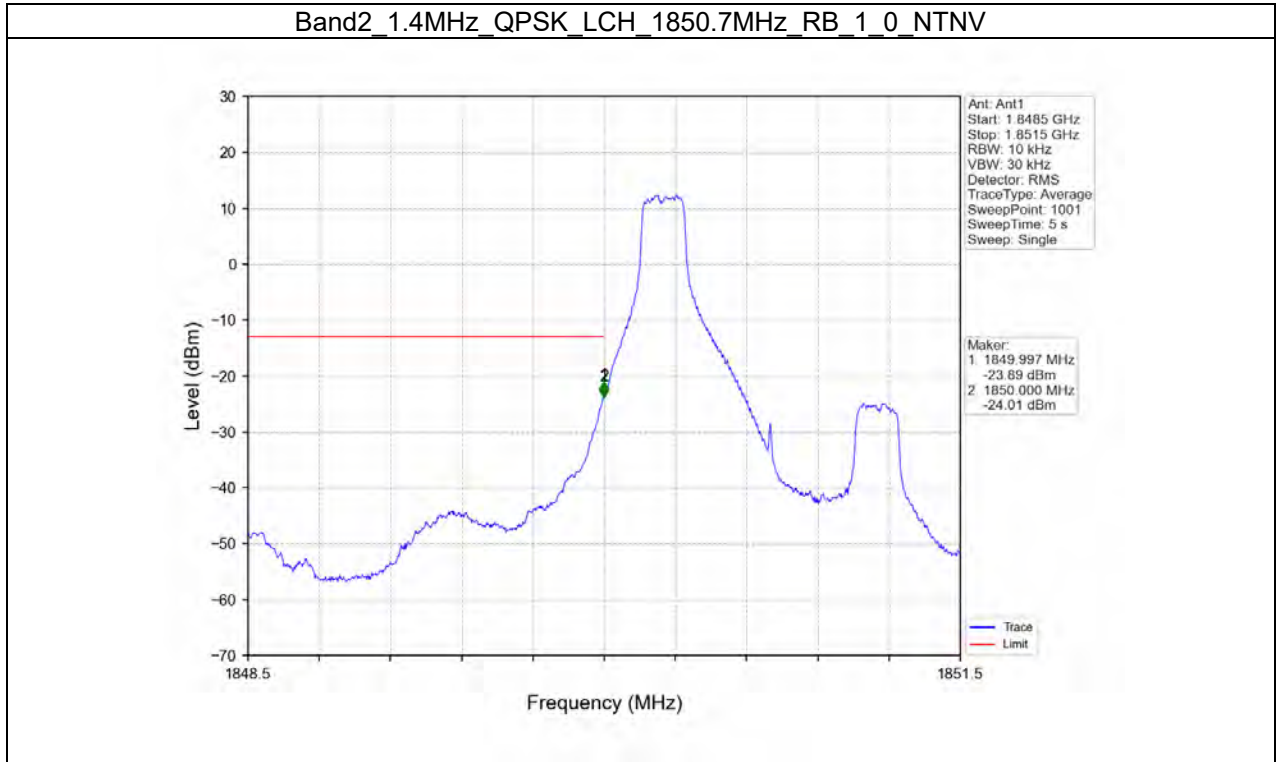
Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

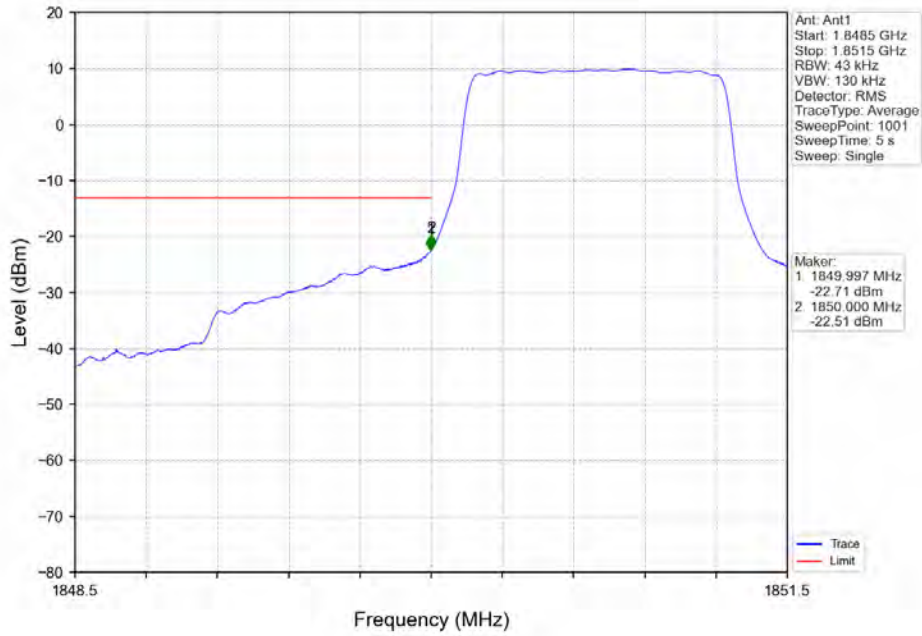




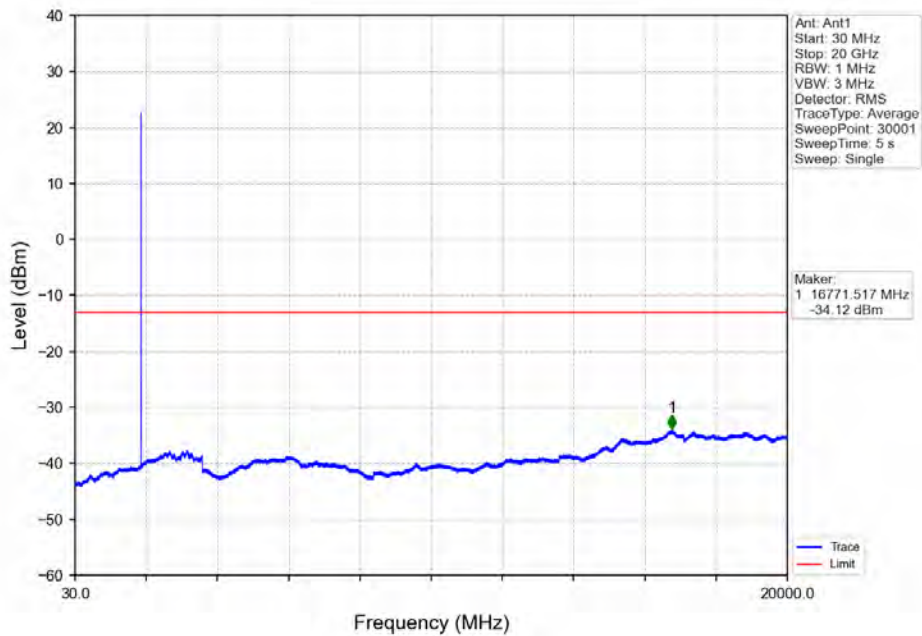
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV

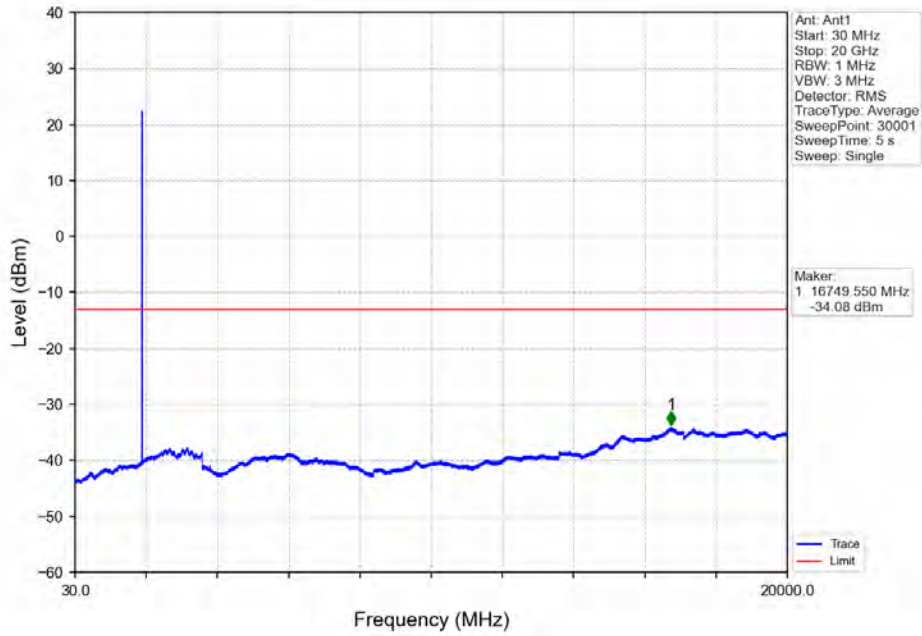




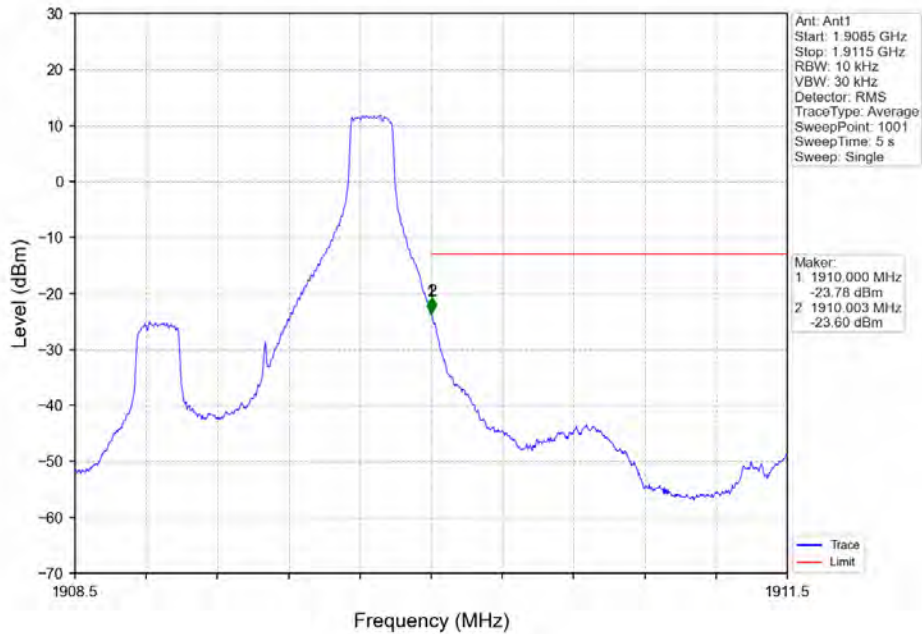
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV

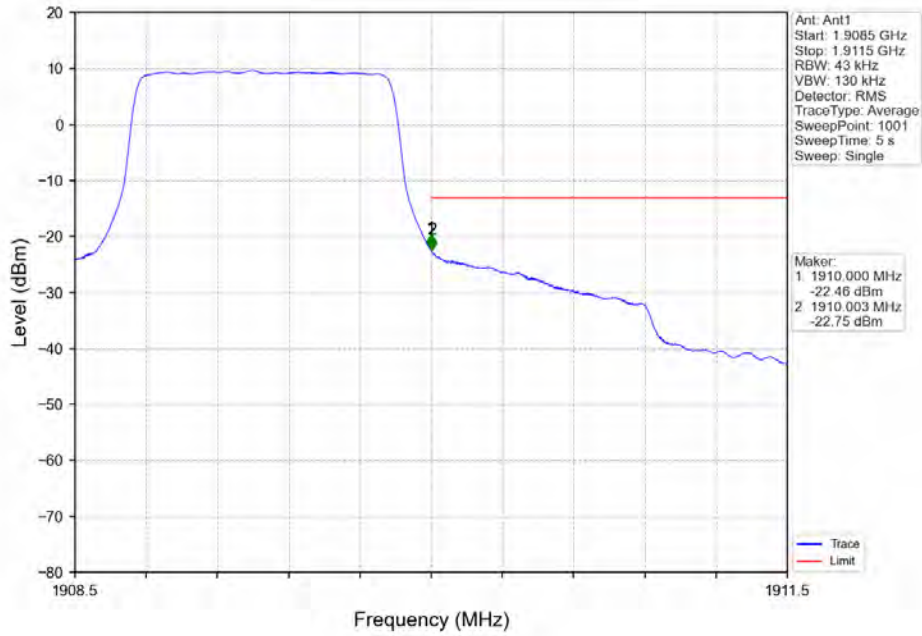




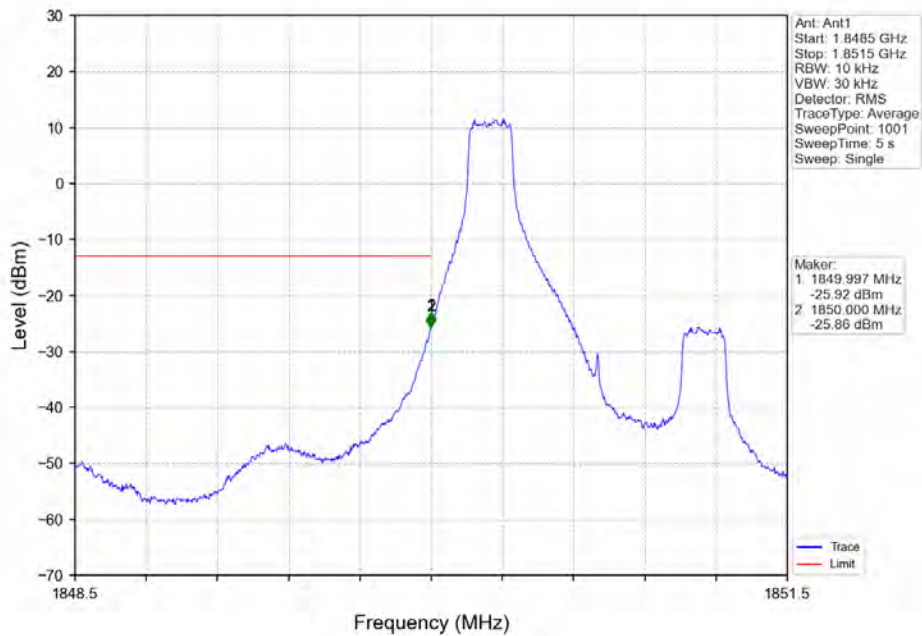
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

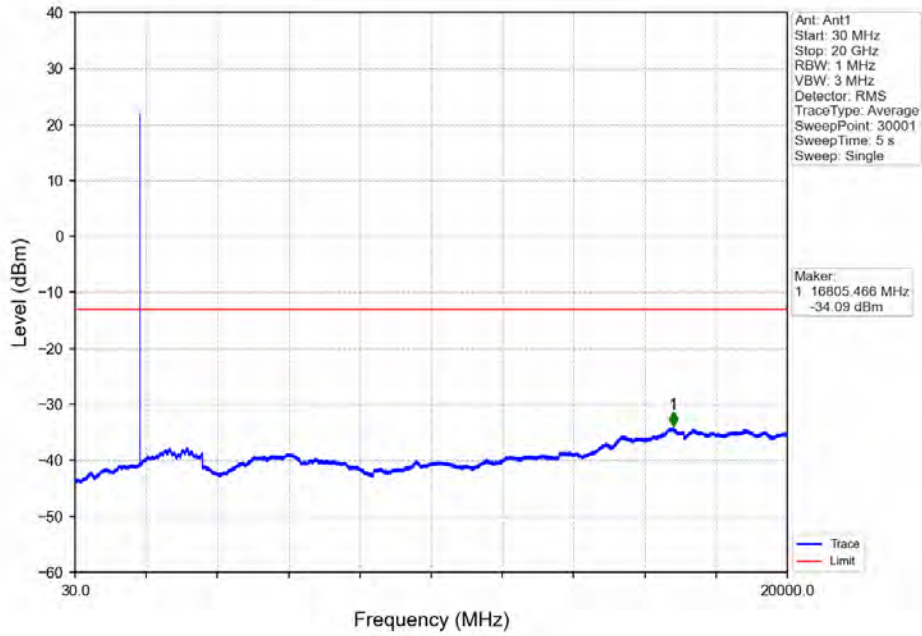




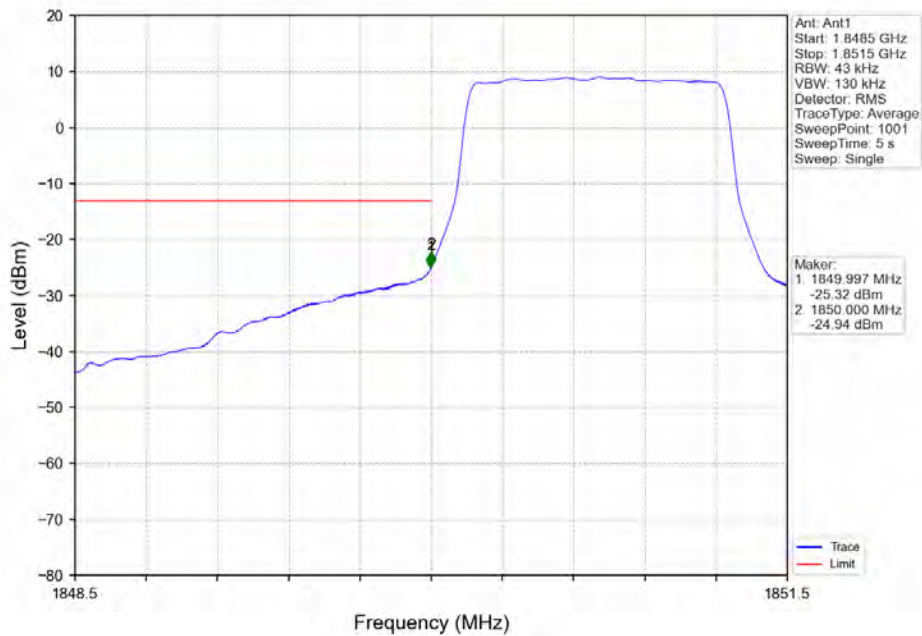
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

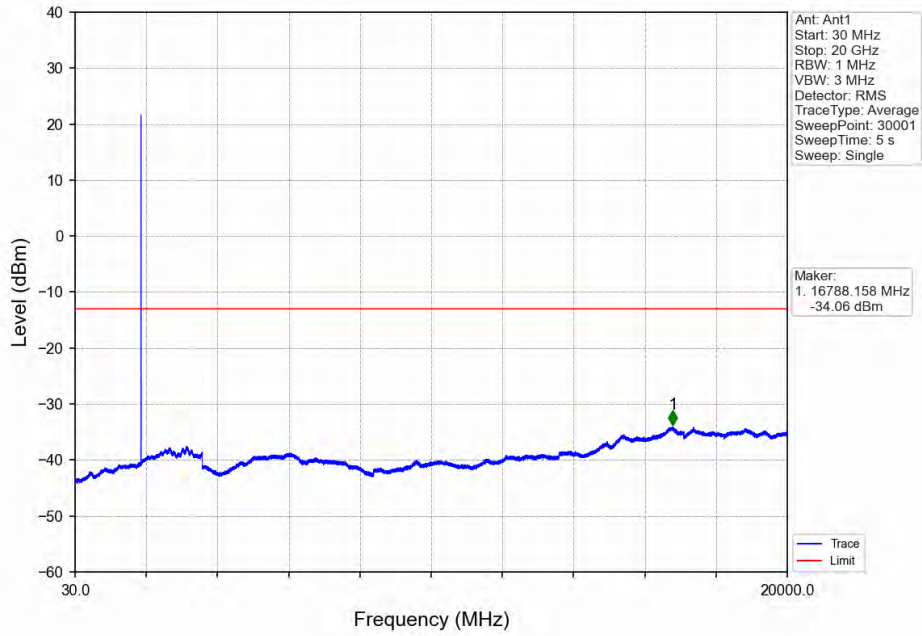




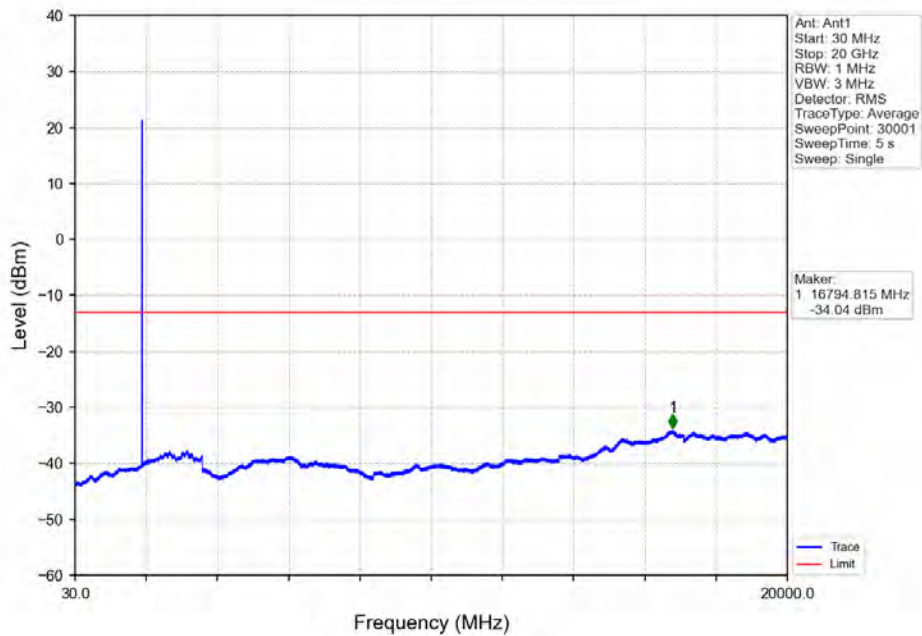
BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV

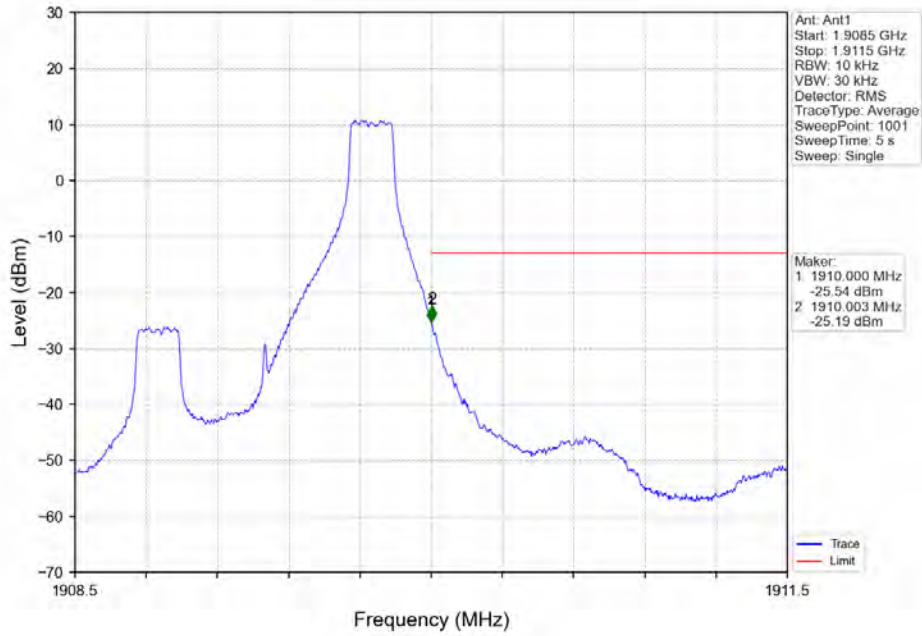




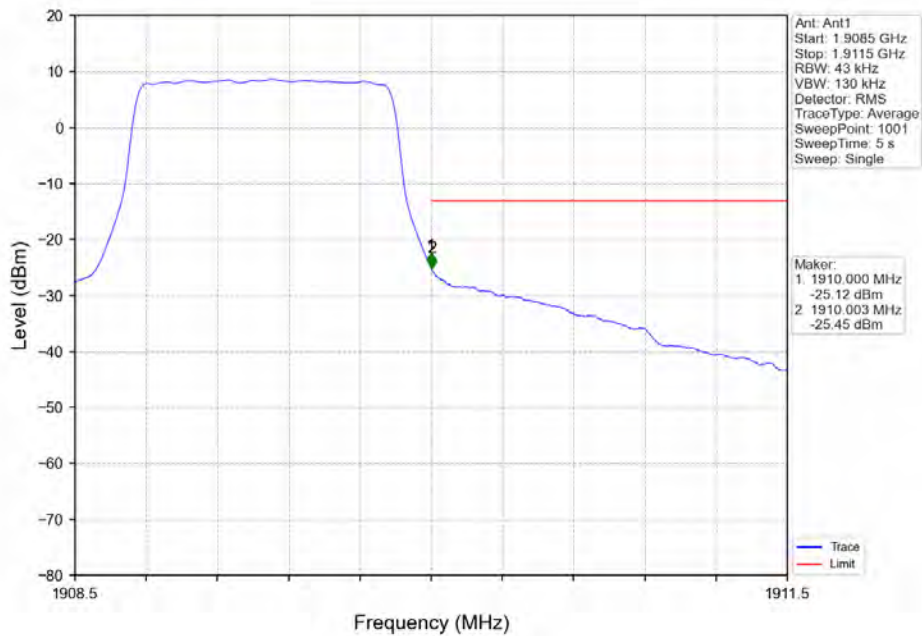
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

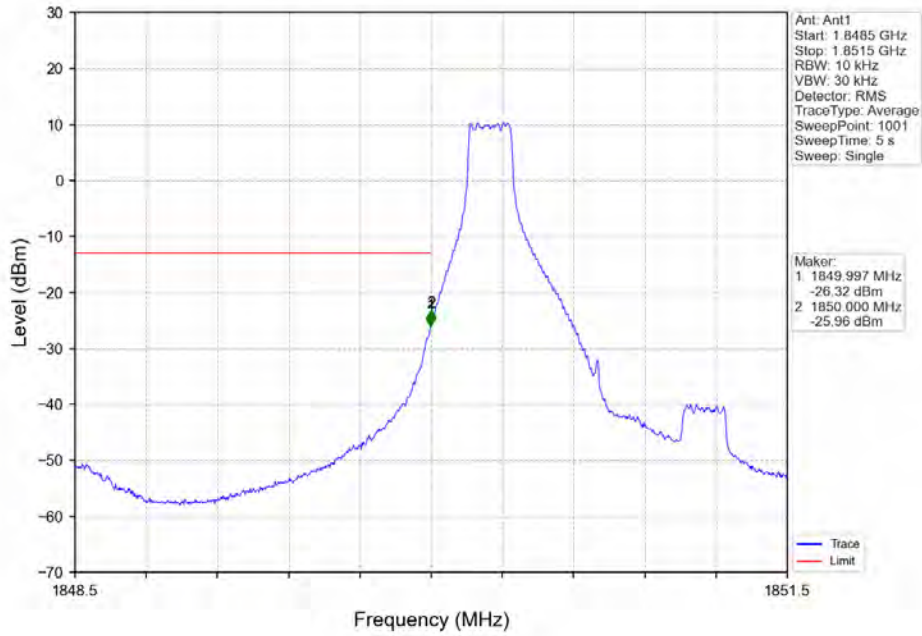




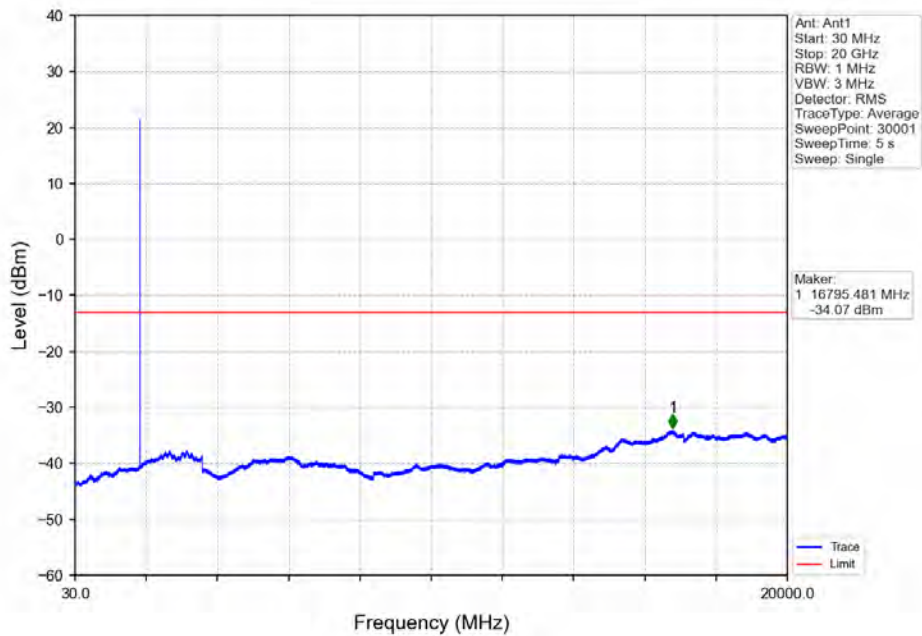
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_1_0_NTNV

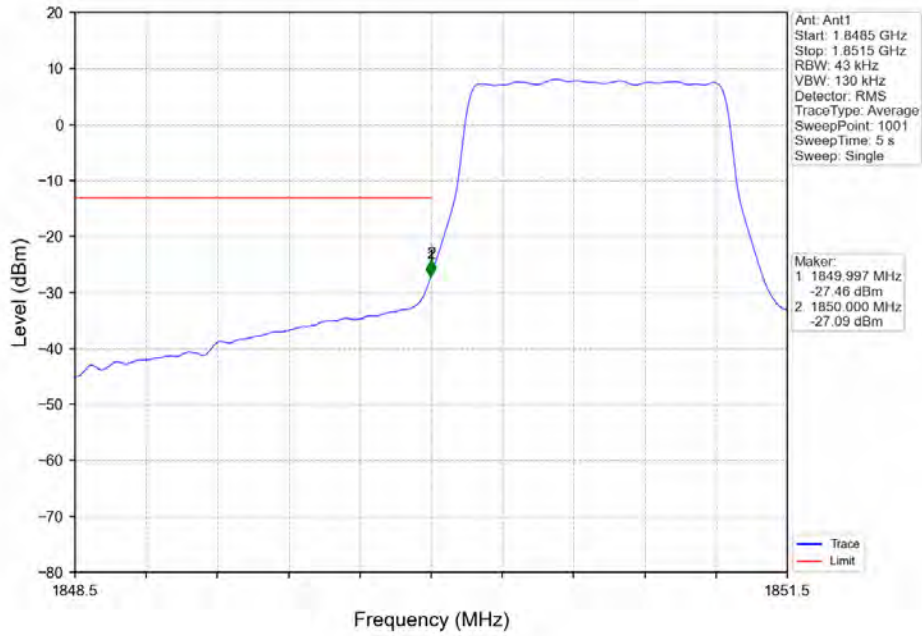




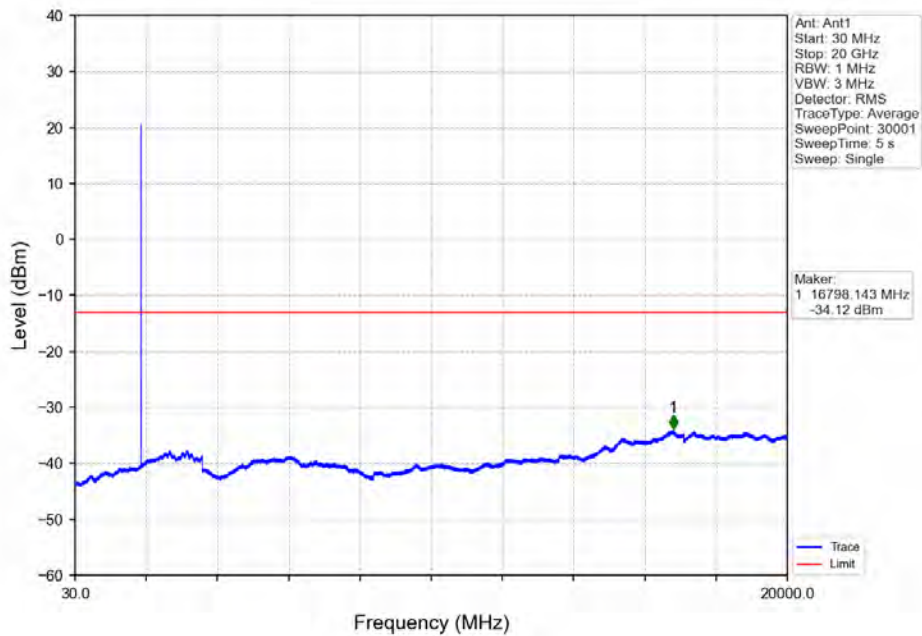
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

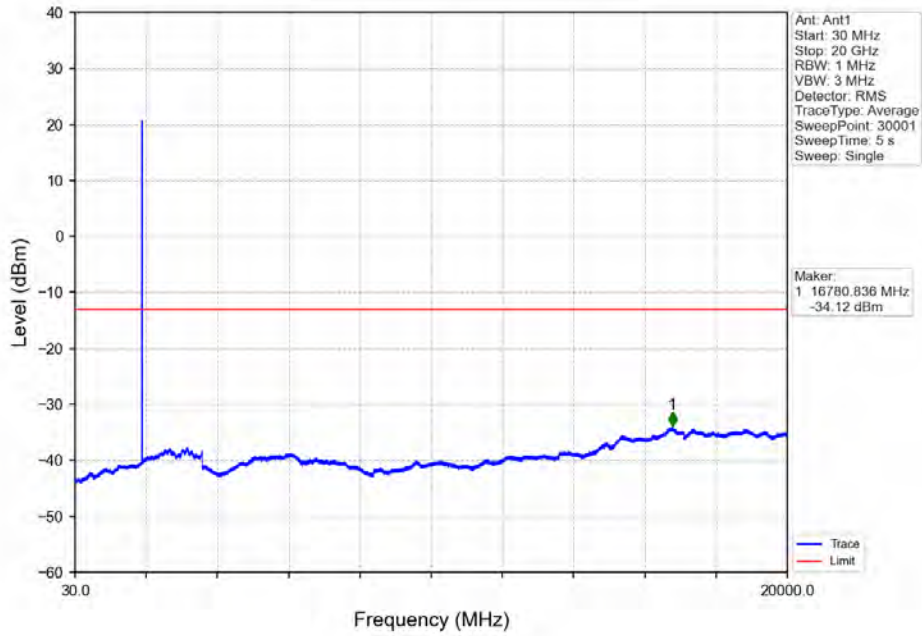




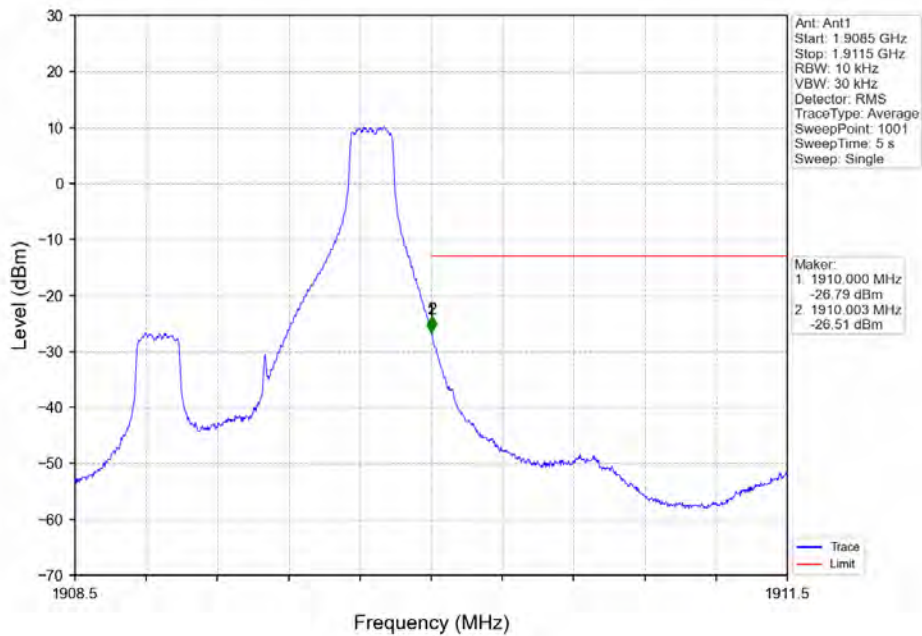
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_0_NTNV



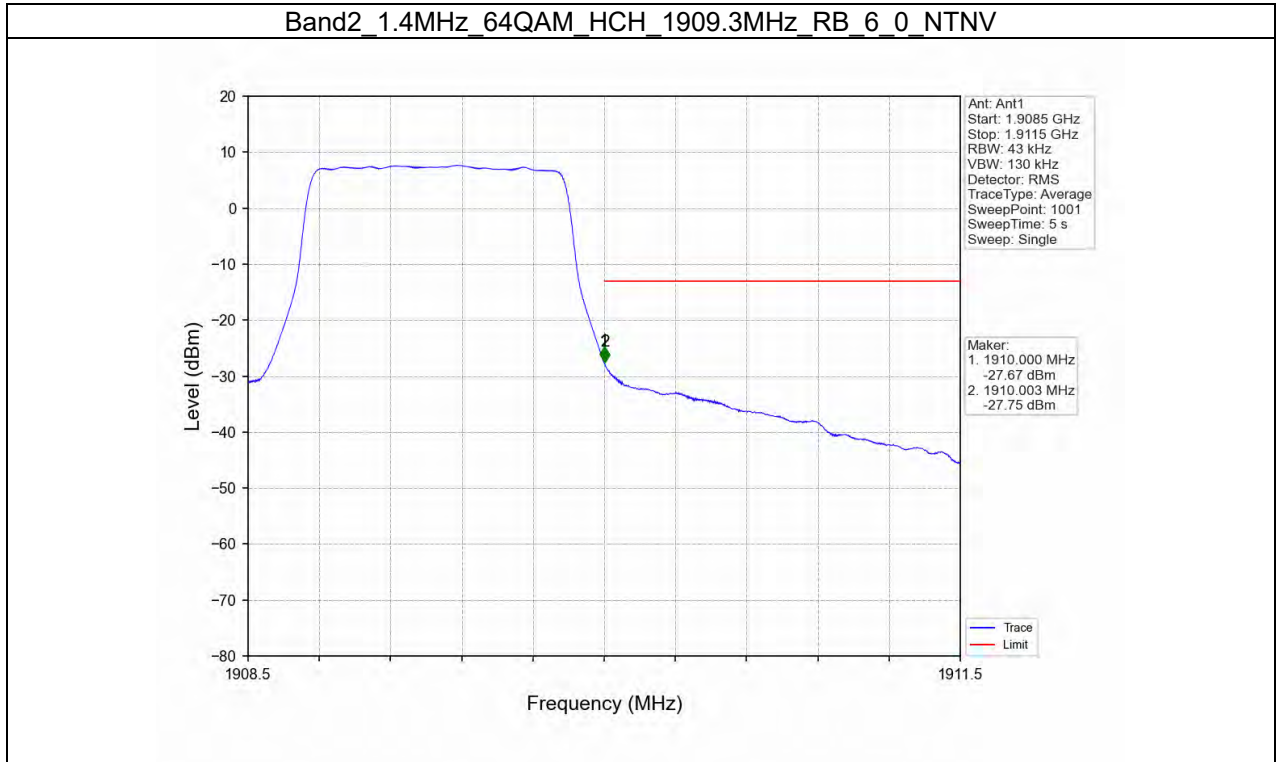
Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_1_5_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05





B2_3MHz

Test Result

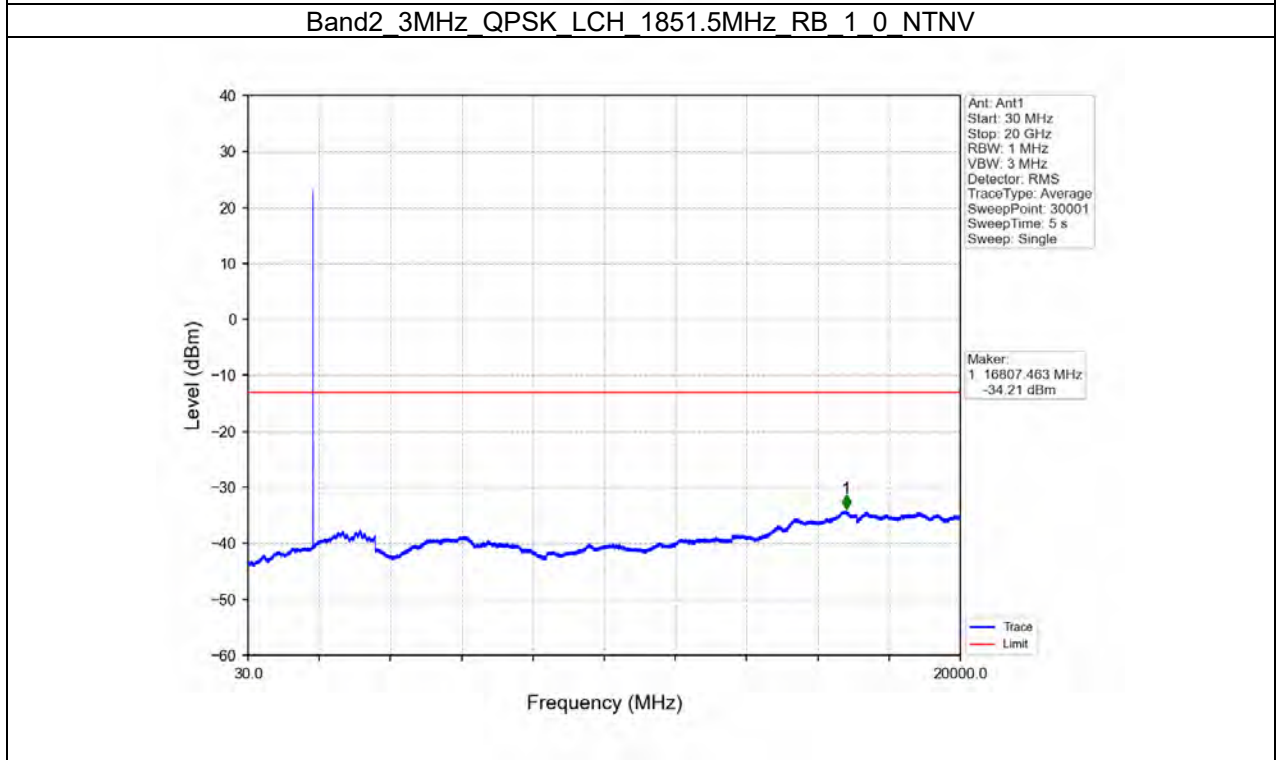
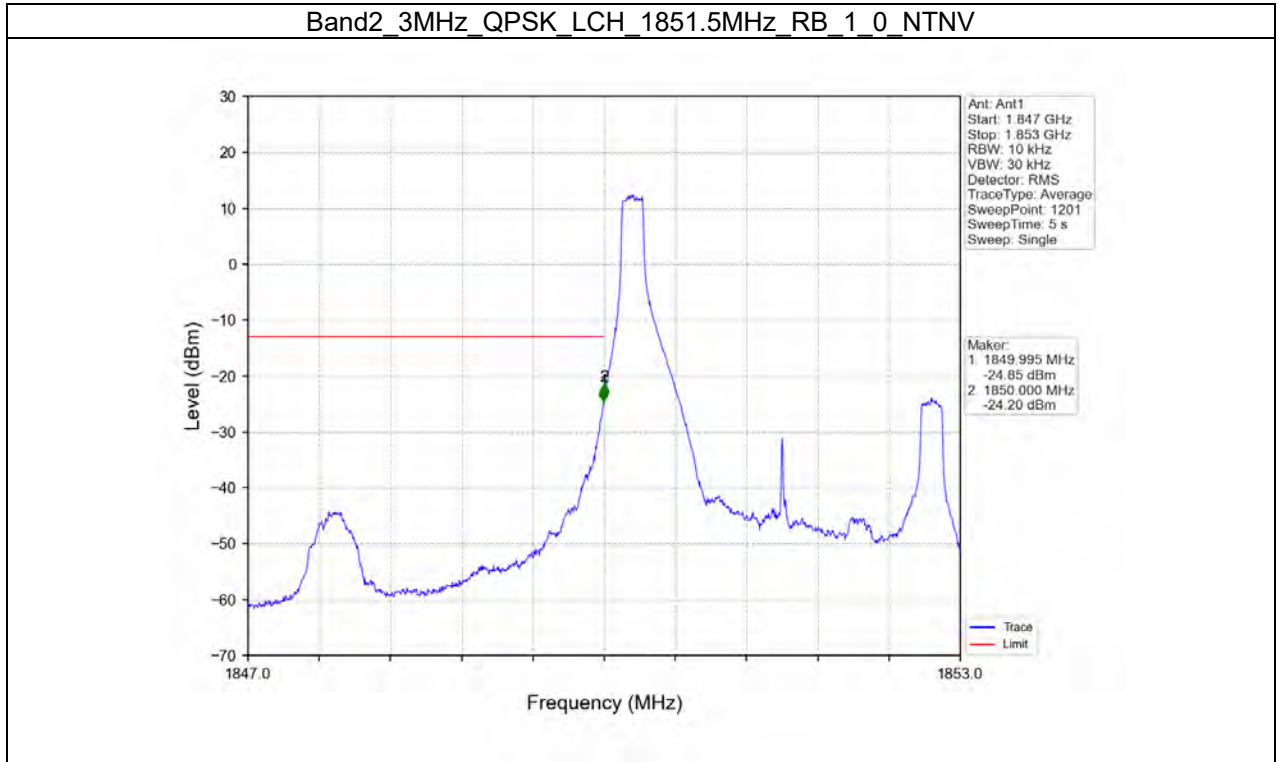
Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1908.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1908.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	
64QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1908.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

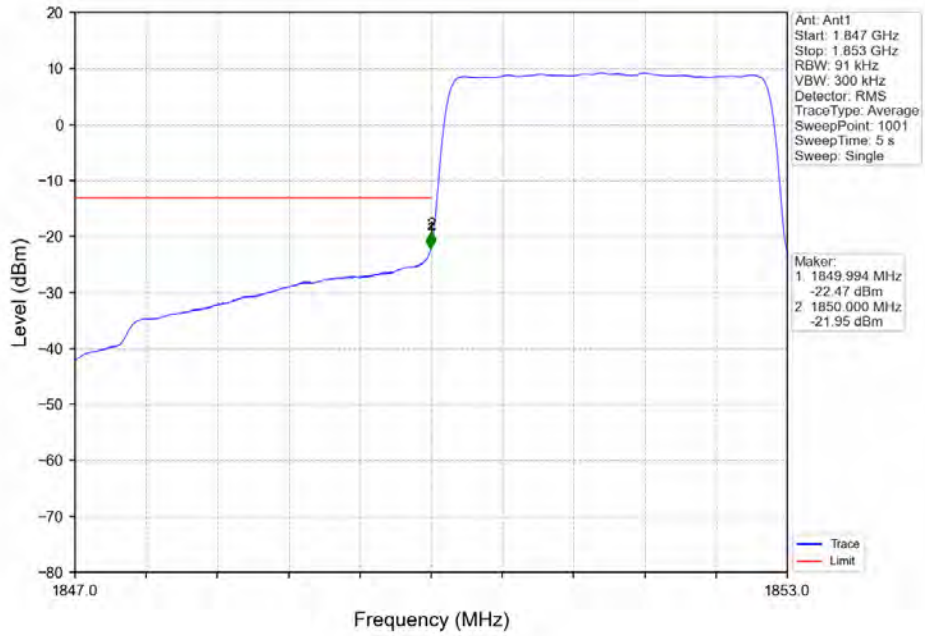




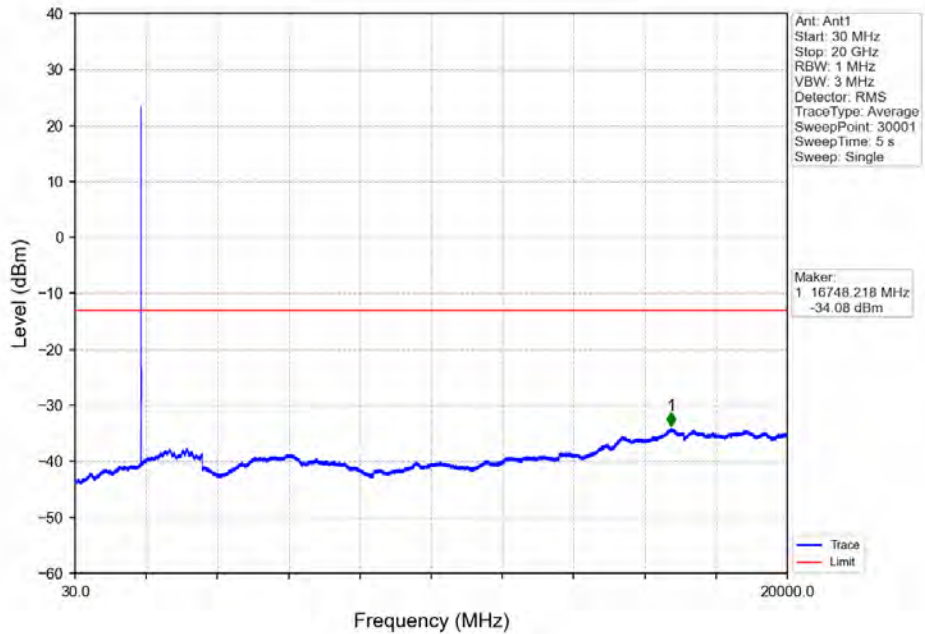
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



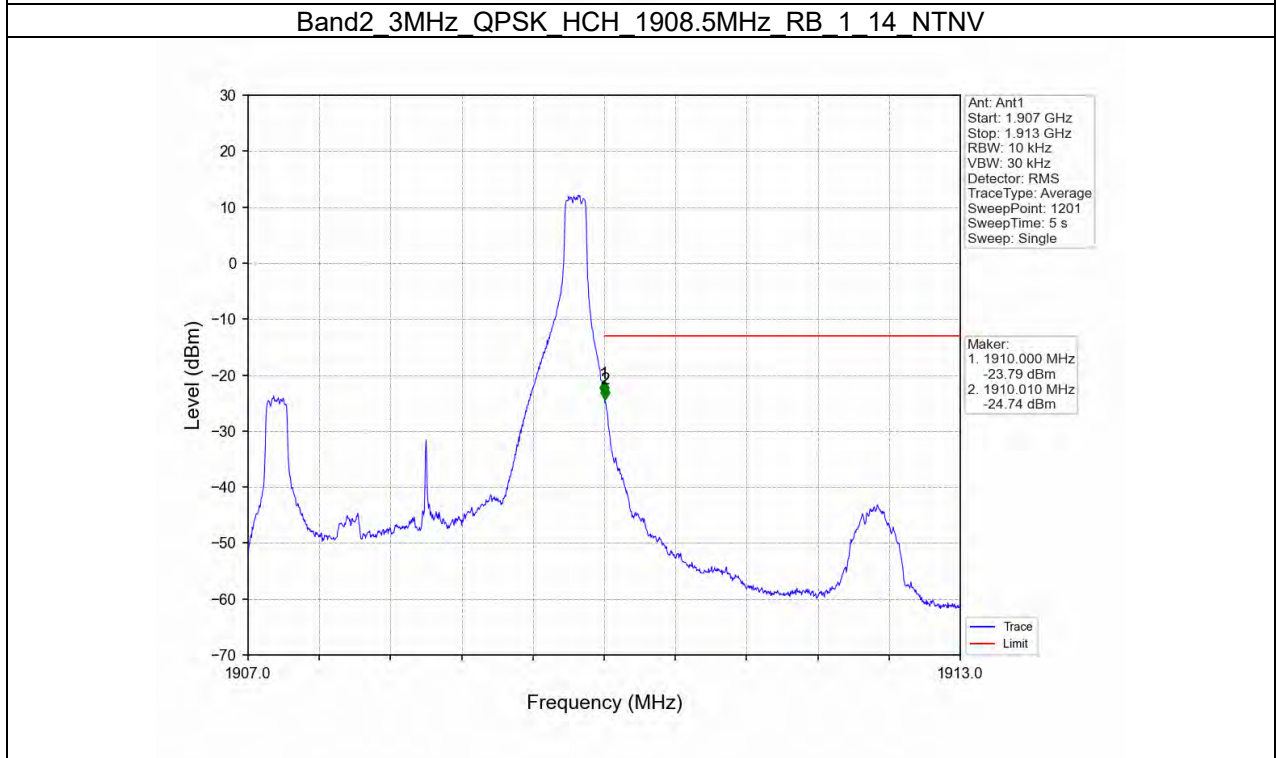
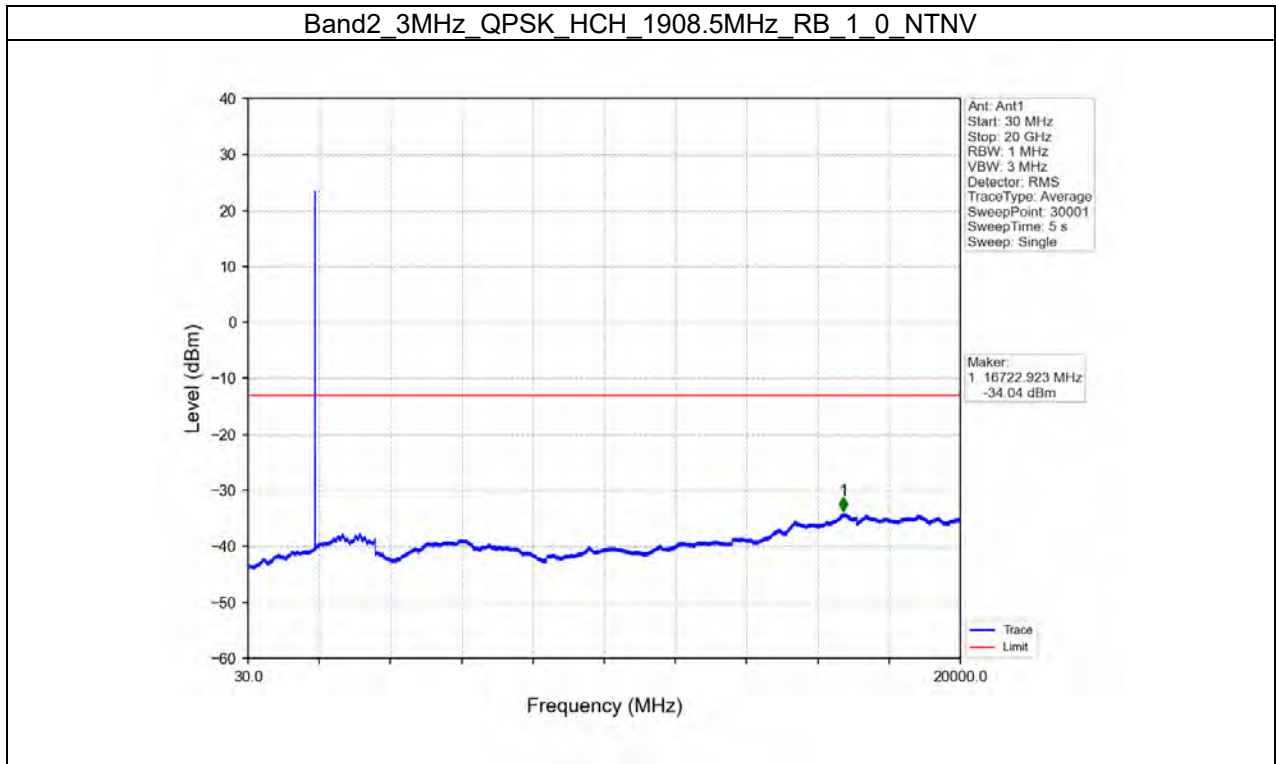
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05

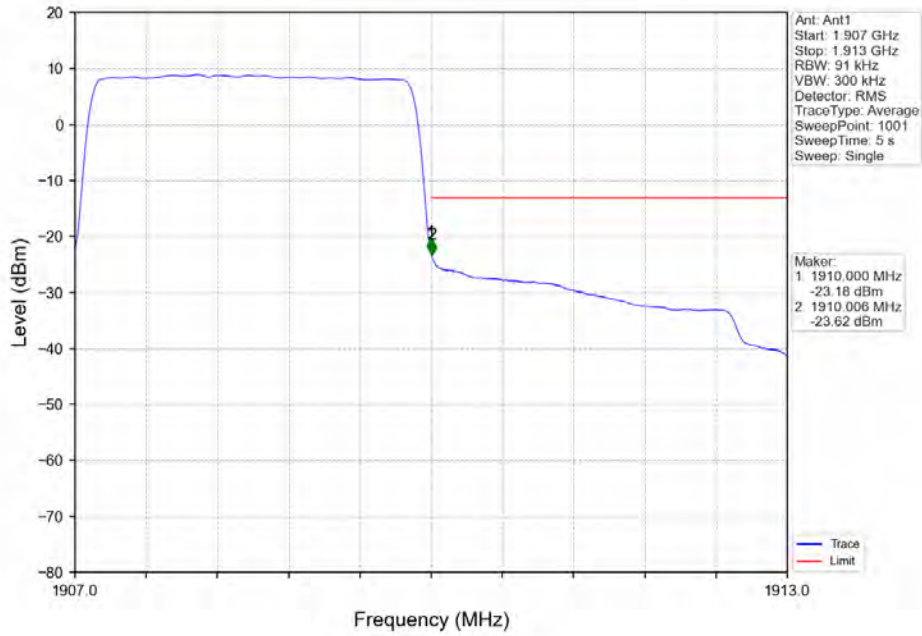




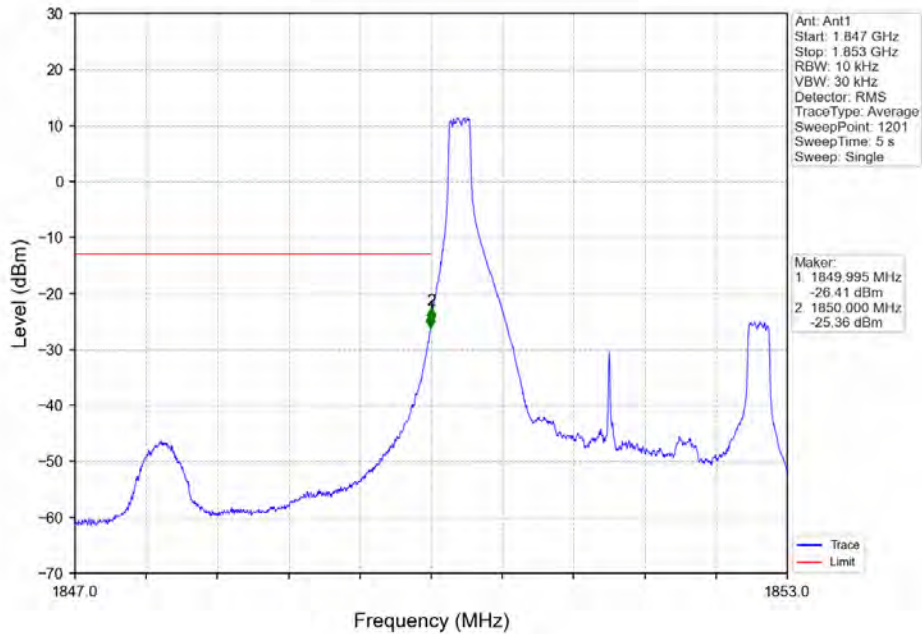
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

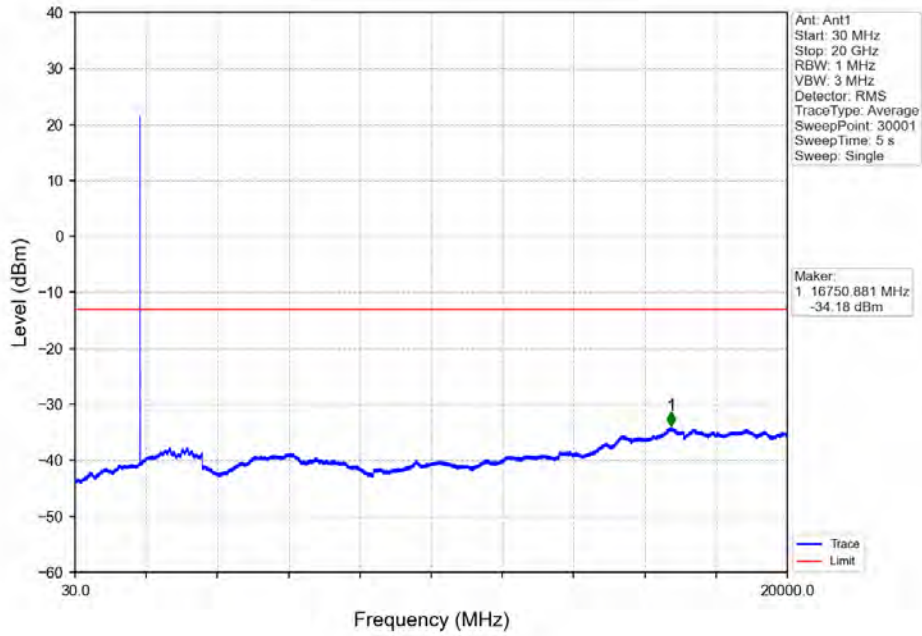




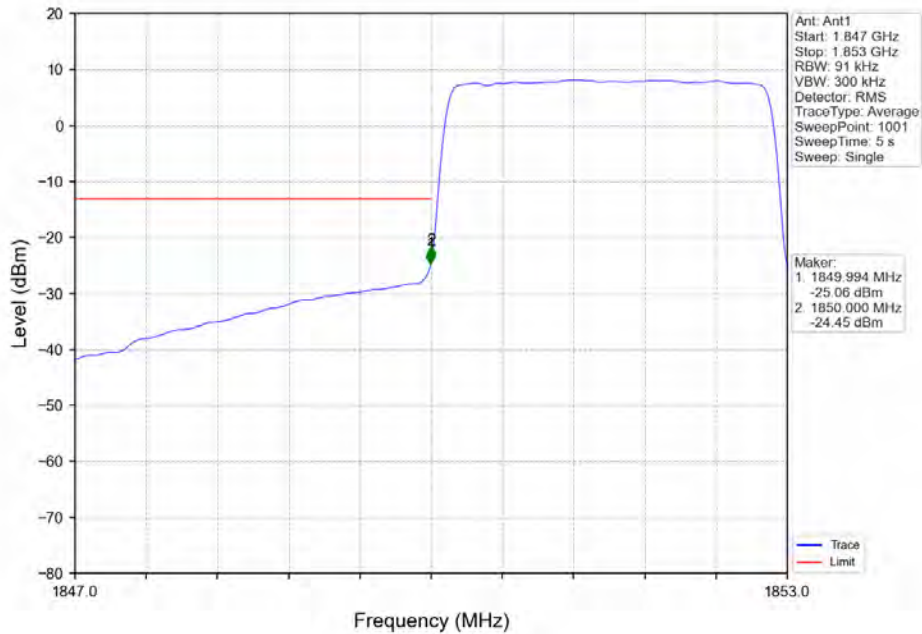
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

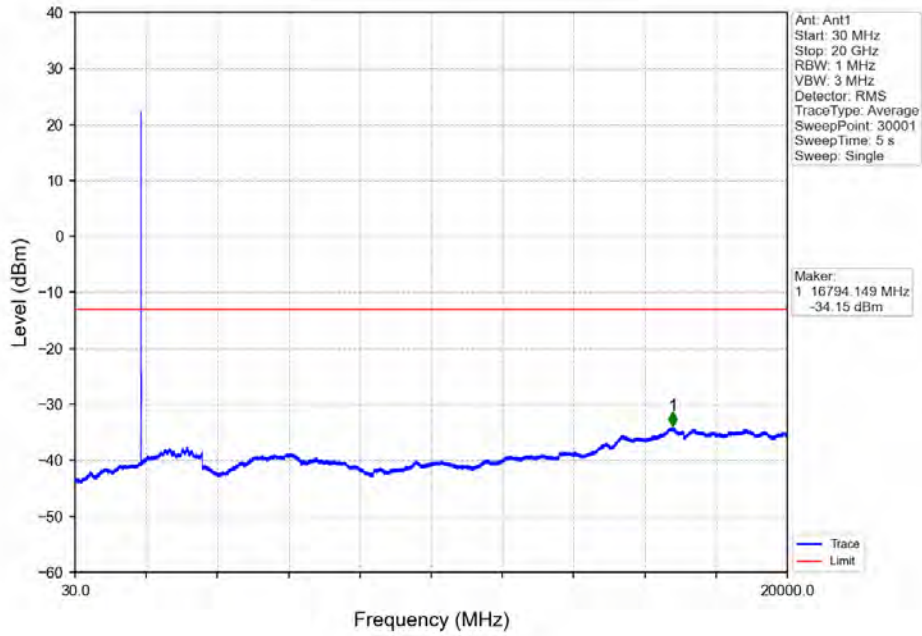




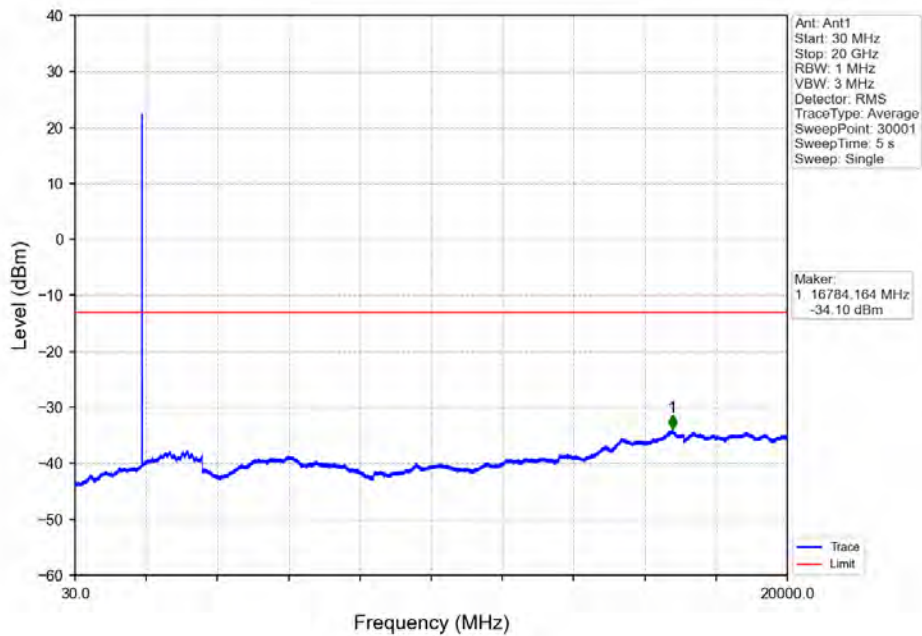
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV

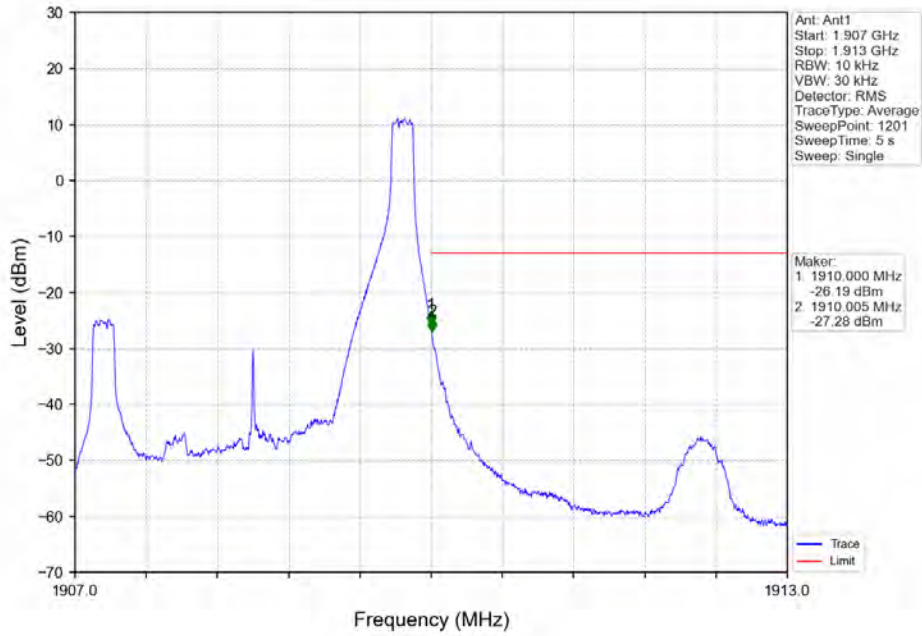




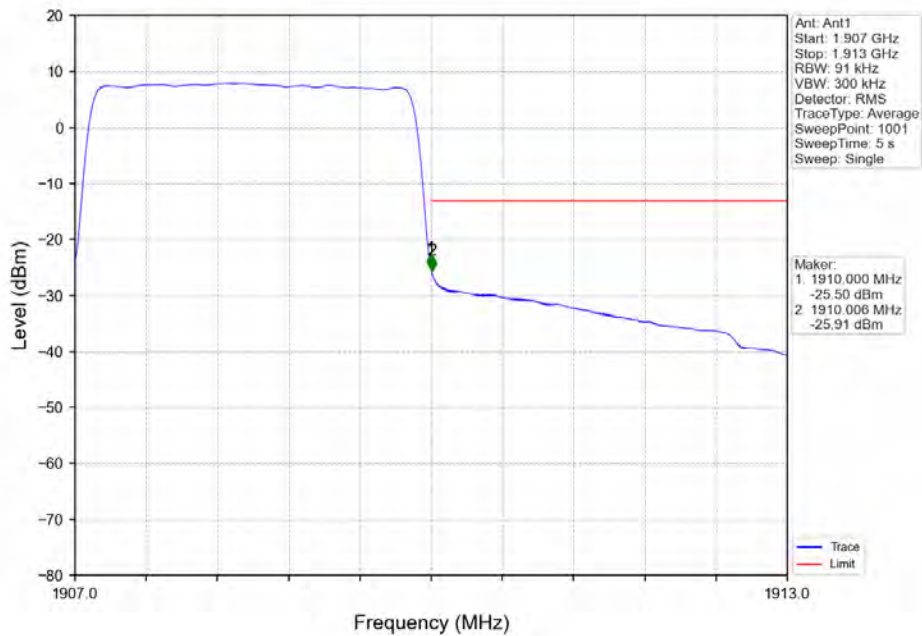
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_14_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

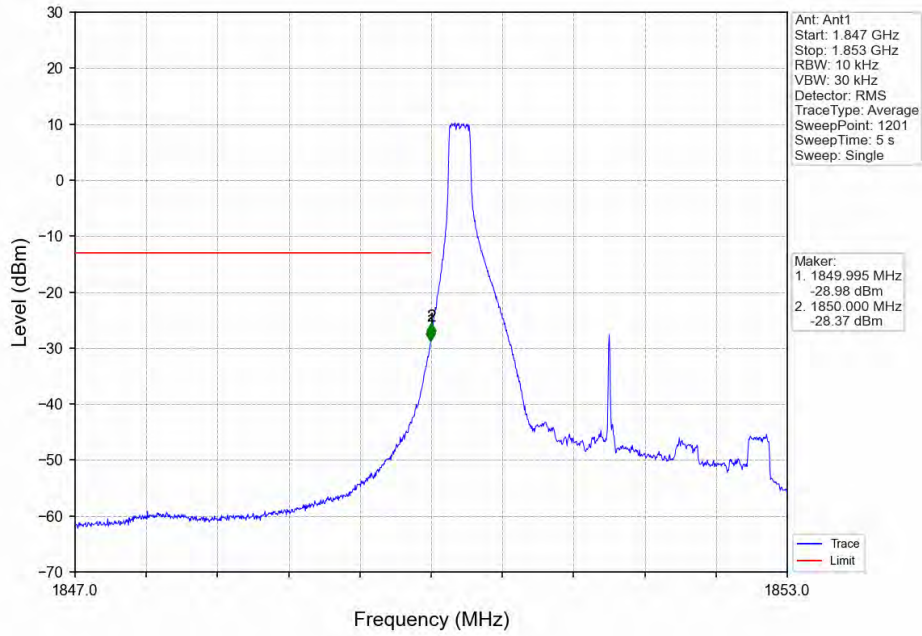




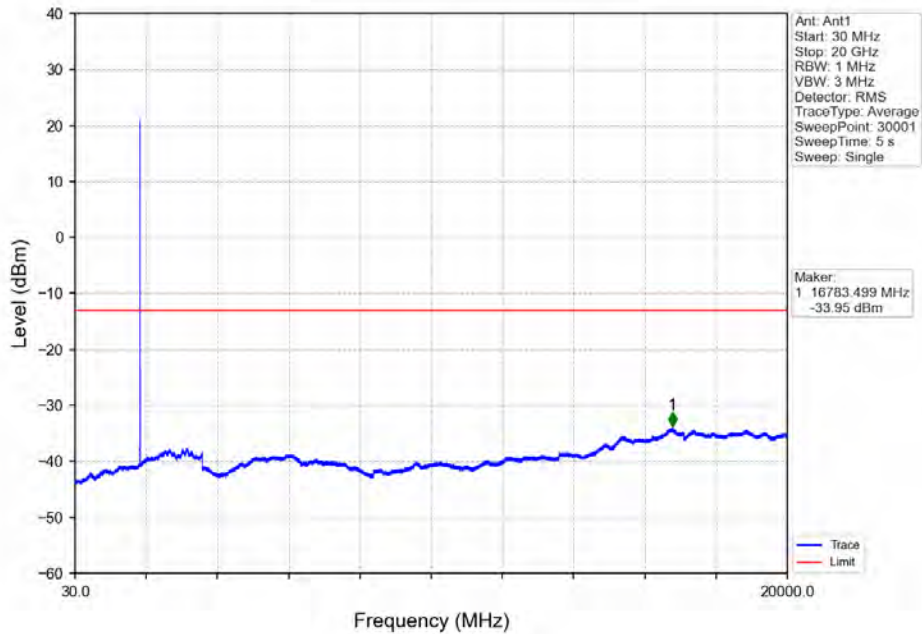
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2 3MHz 64QAM LCH 1851.5MHz RB 1 0 NTN



Band2 3MHz 64QAM LCH 1851.5MHz RB 1 0 NTN

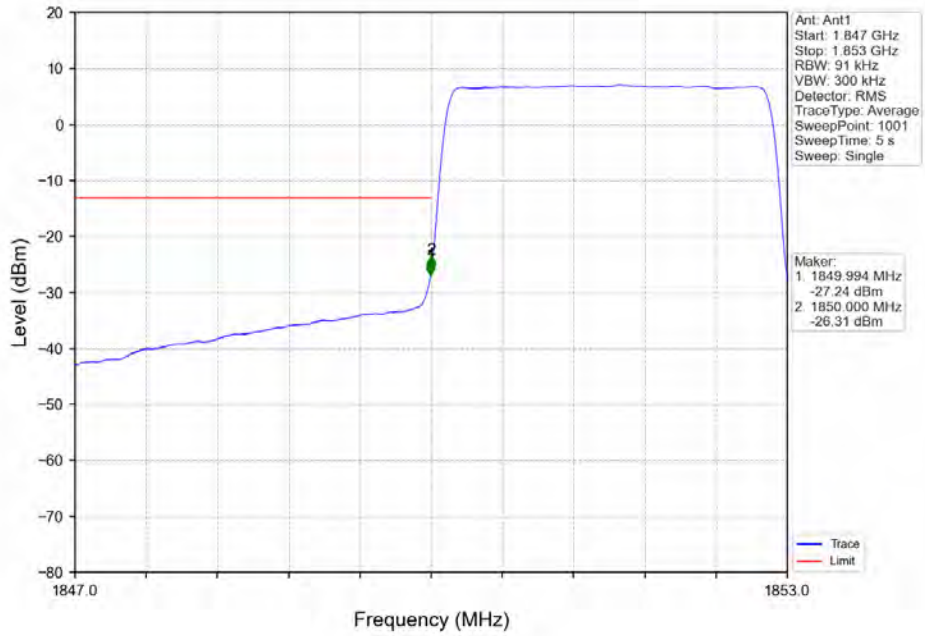




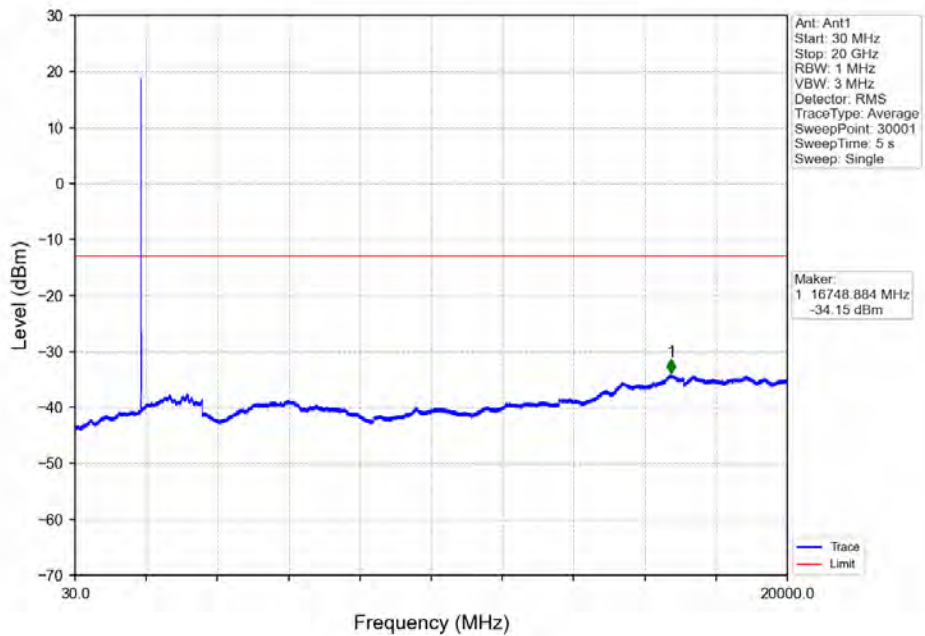
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_MCH_1880MHz_RB_1_0_NTNV

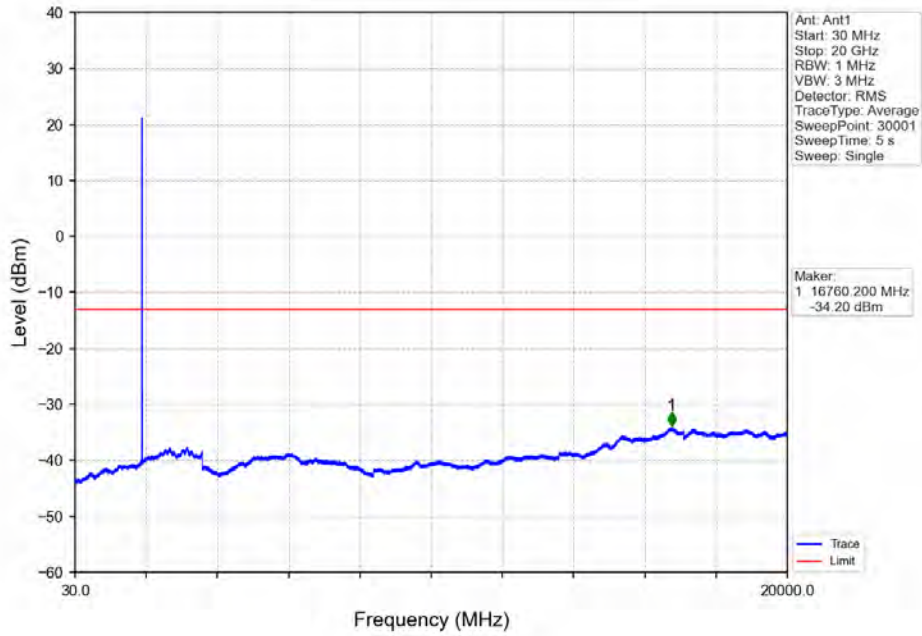




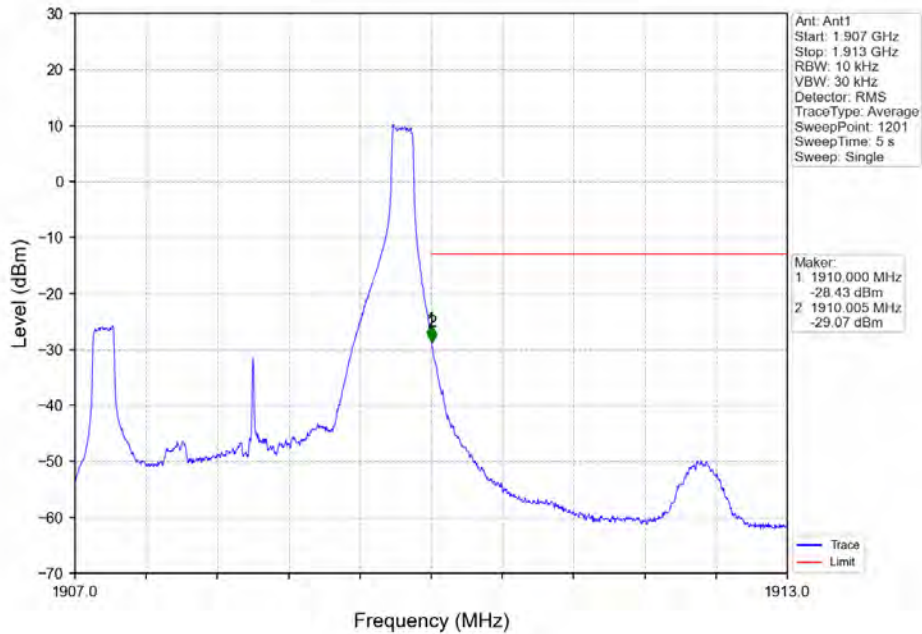
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_0_NTNV



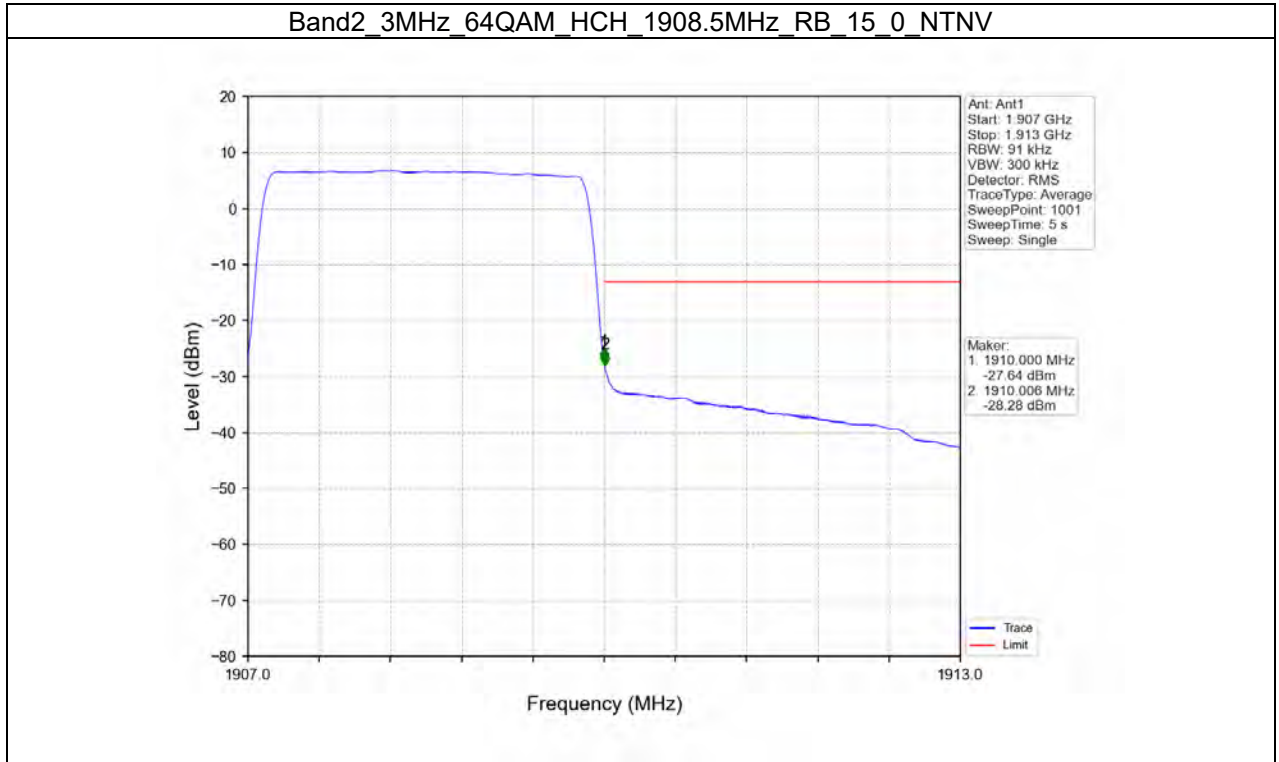
Band2_3MHz_64QAM_HCH_1908.5MHz_RB_1_14_NTNV





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VERITAS

Test Report No.: W7L-220503W001RF05





B2_5MHz

Test Result

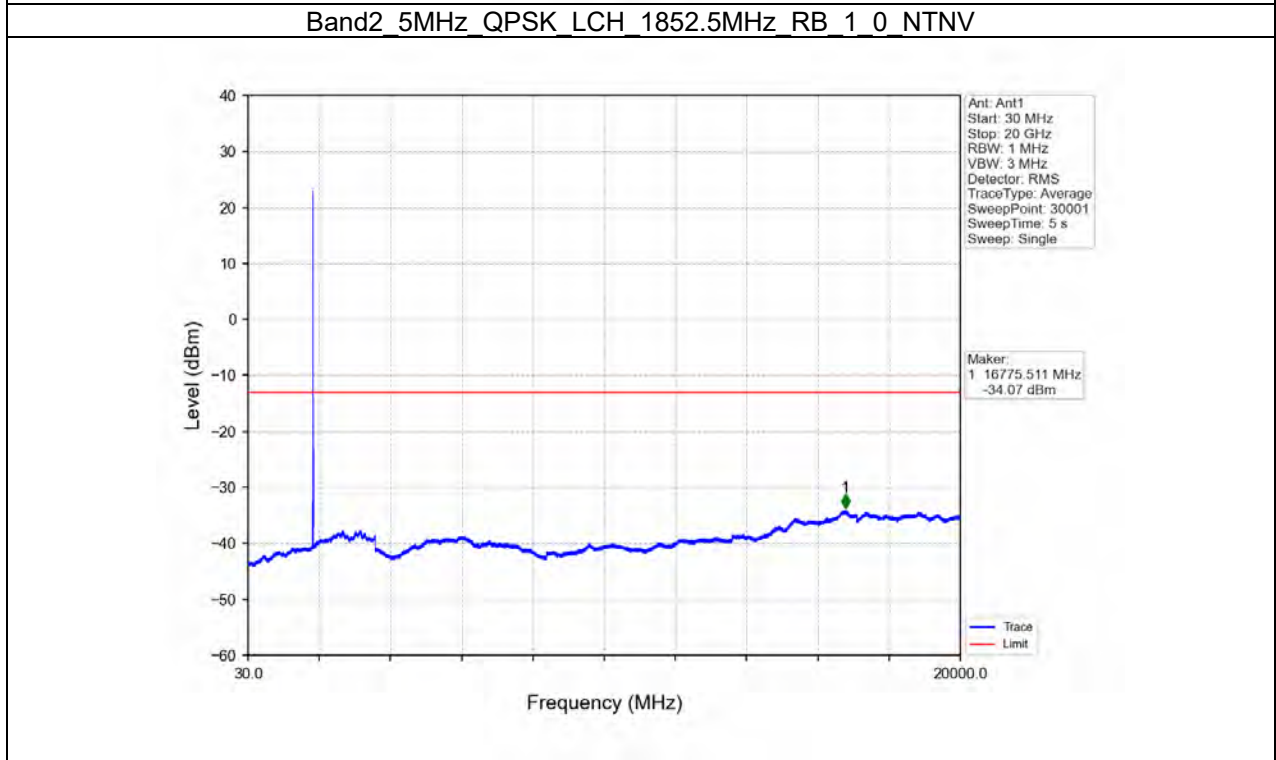
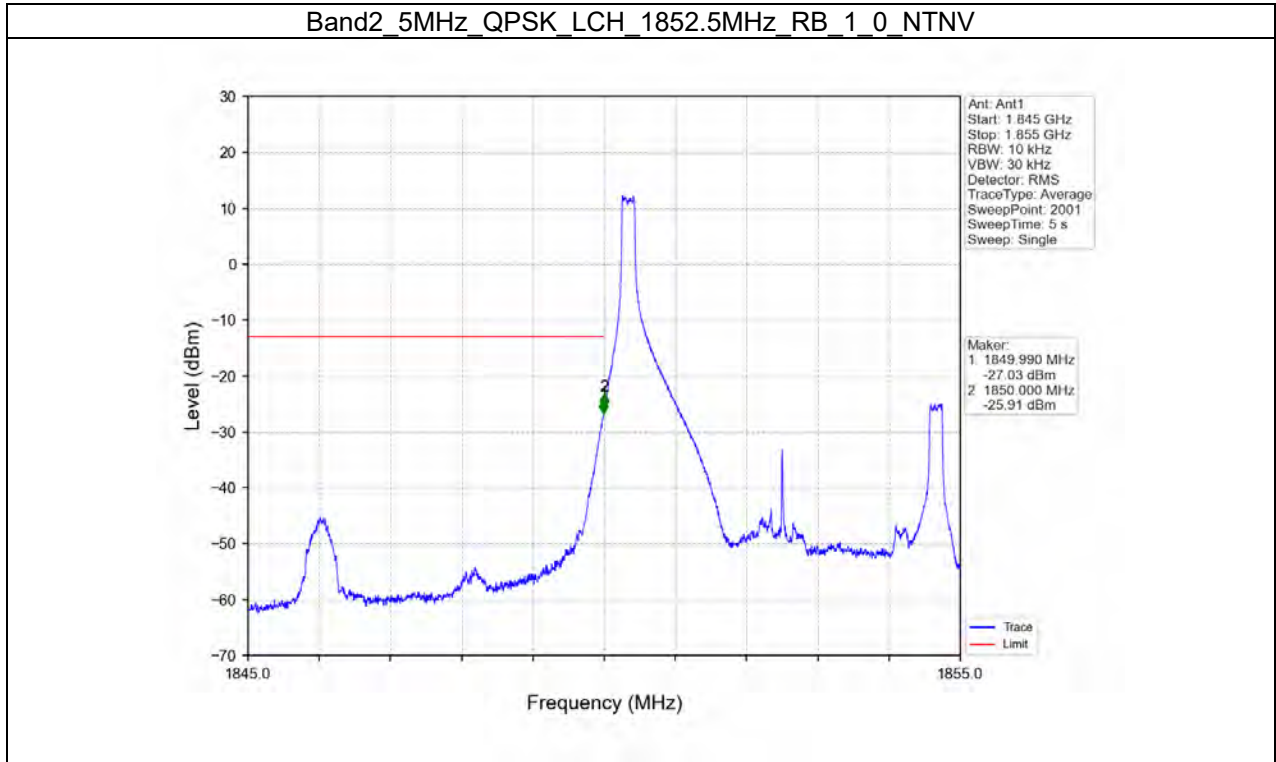
Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1907.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1907.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	
64QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
		1907.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	



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VERITAS

Test Report No.: W7L-220503W001RF05

Test Graph

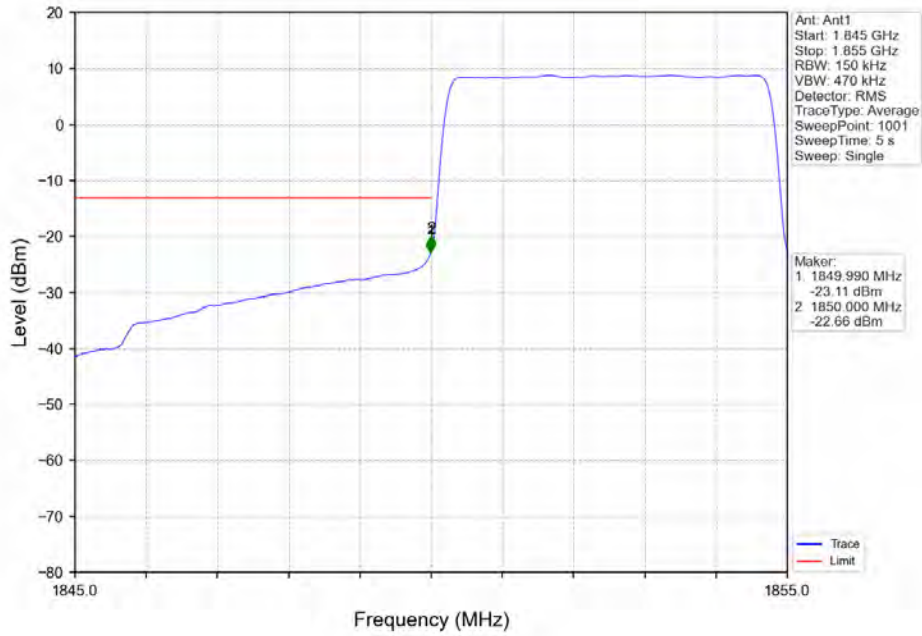




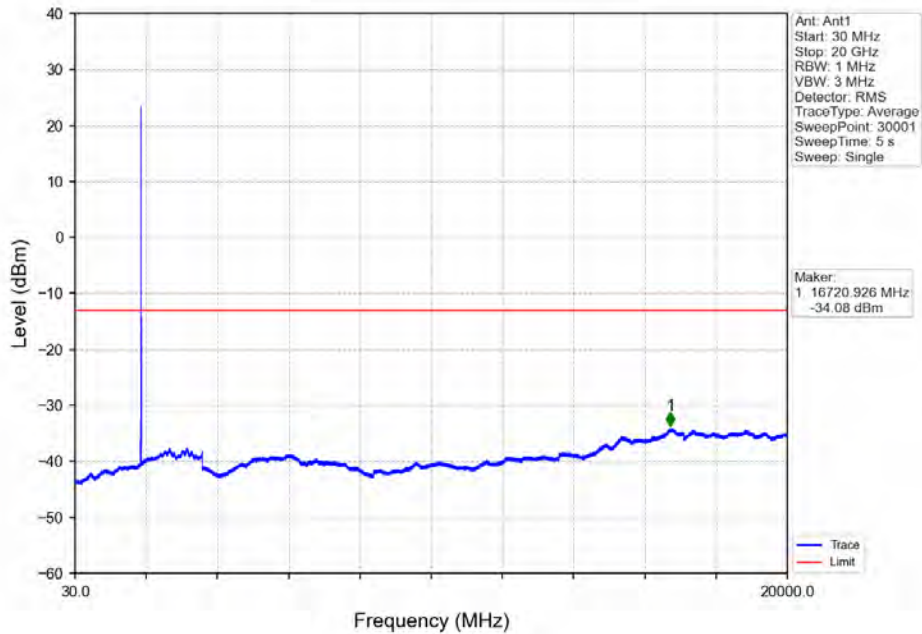
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



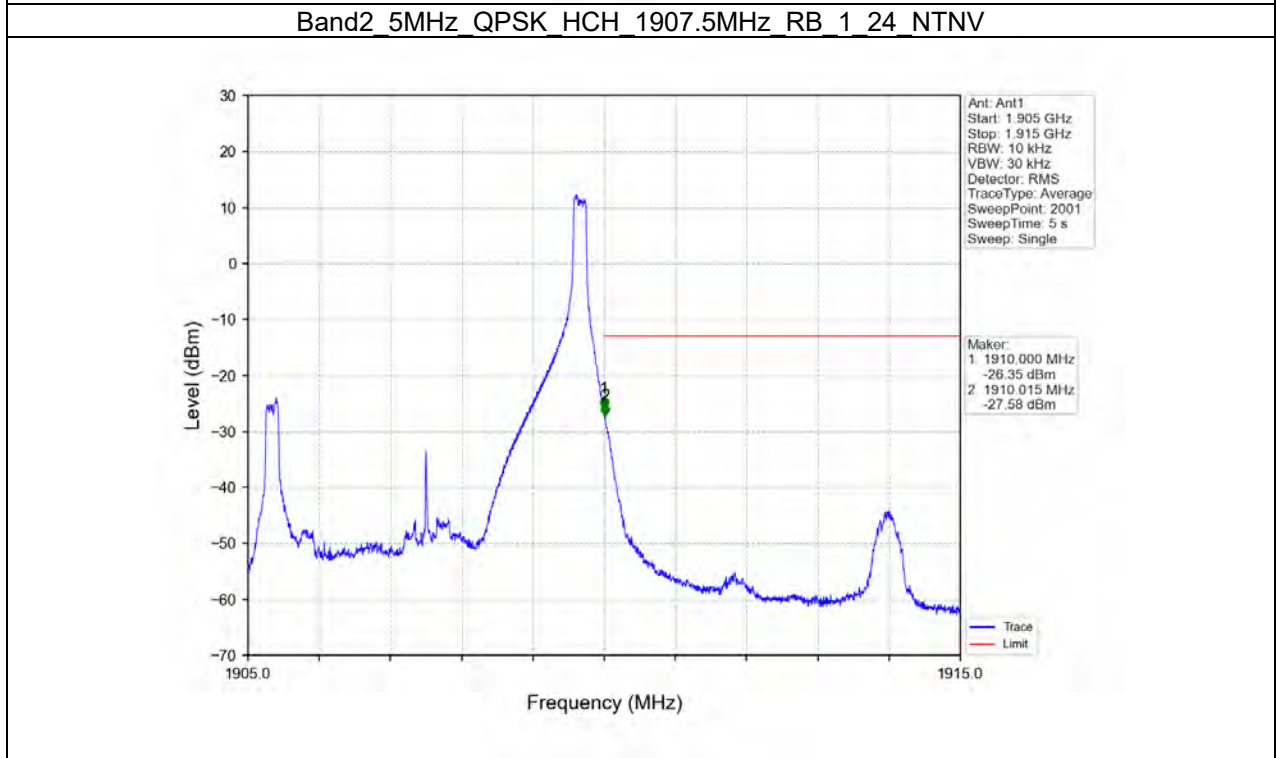
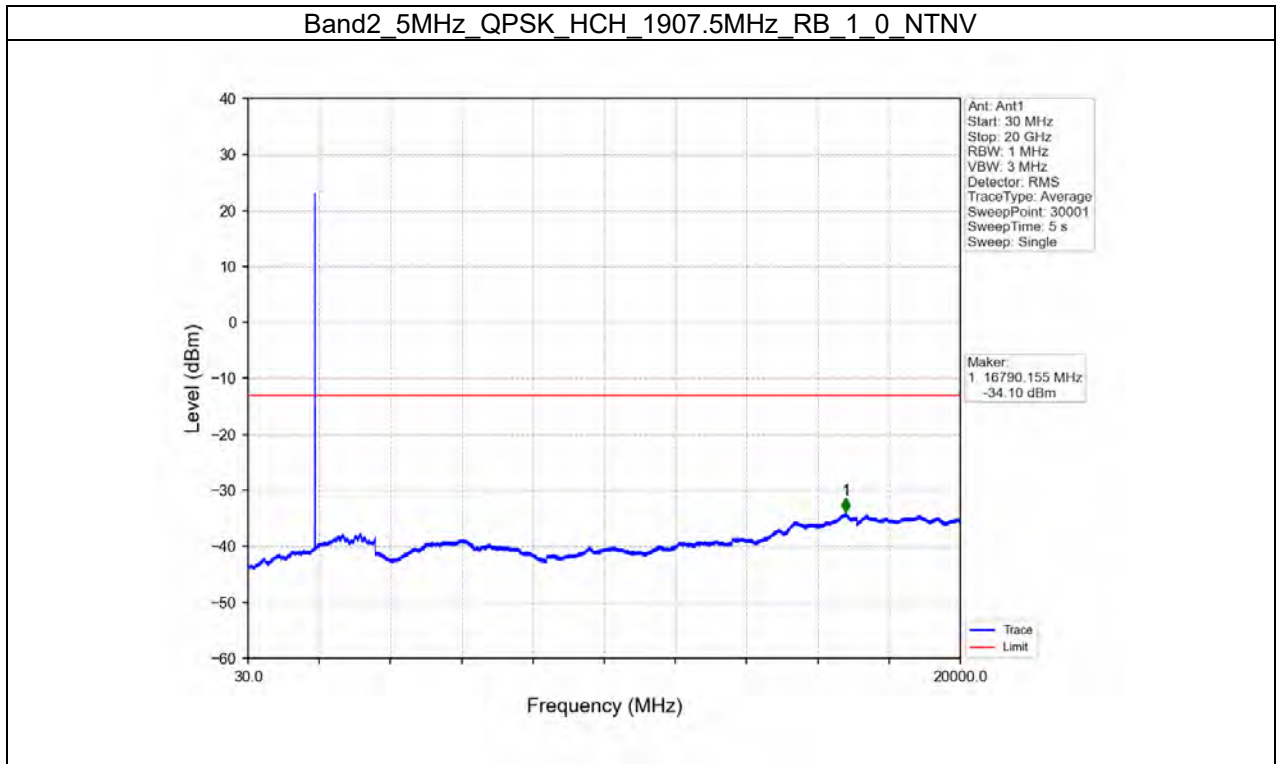
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV





BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

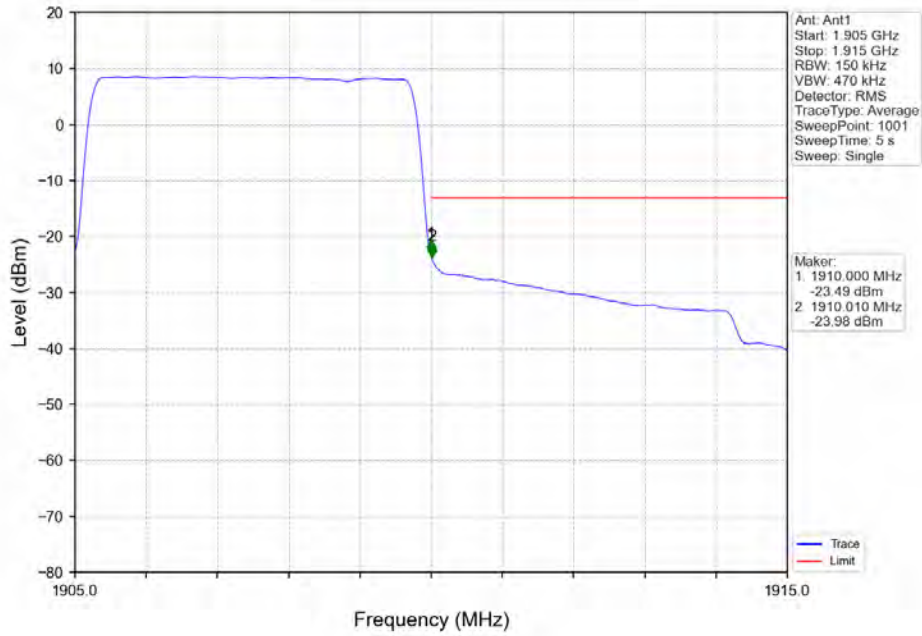




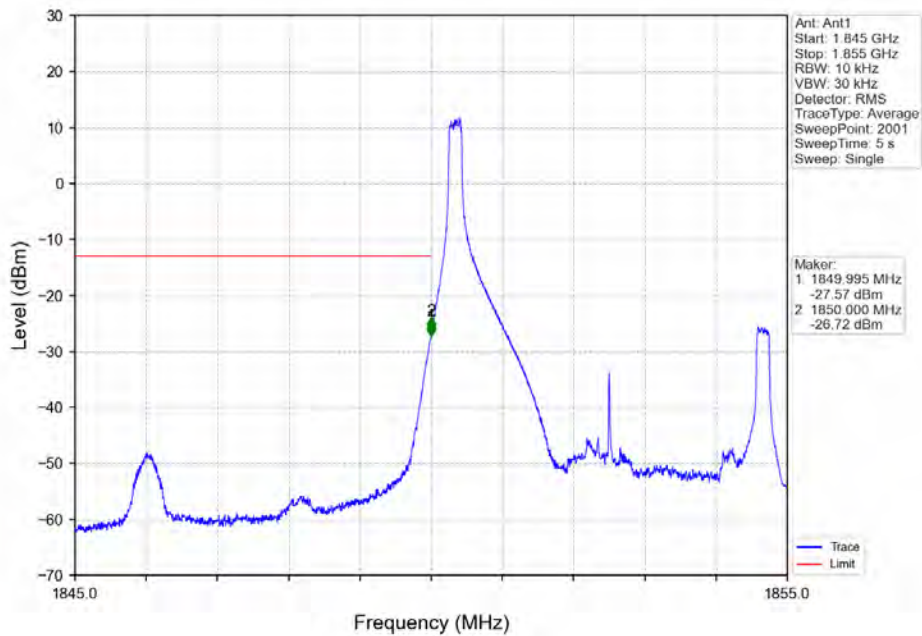
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



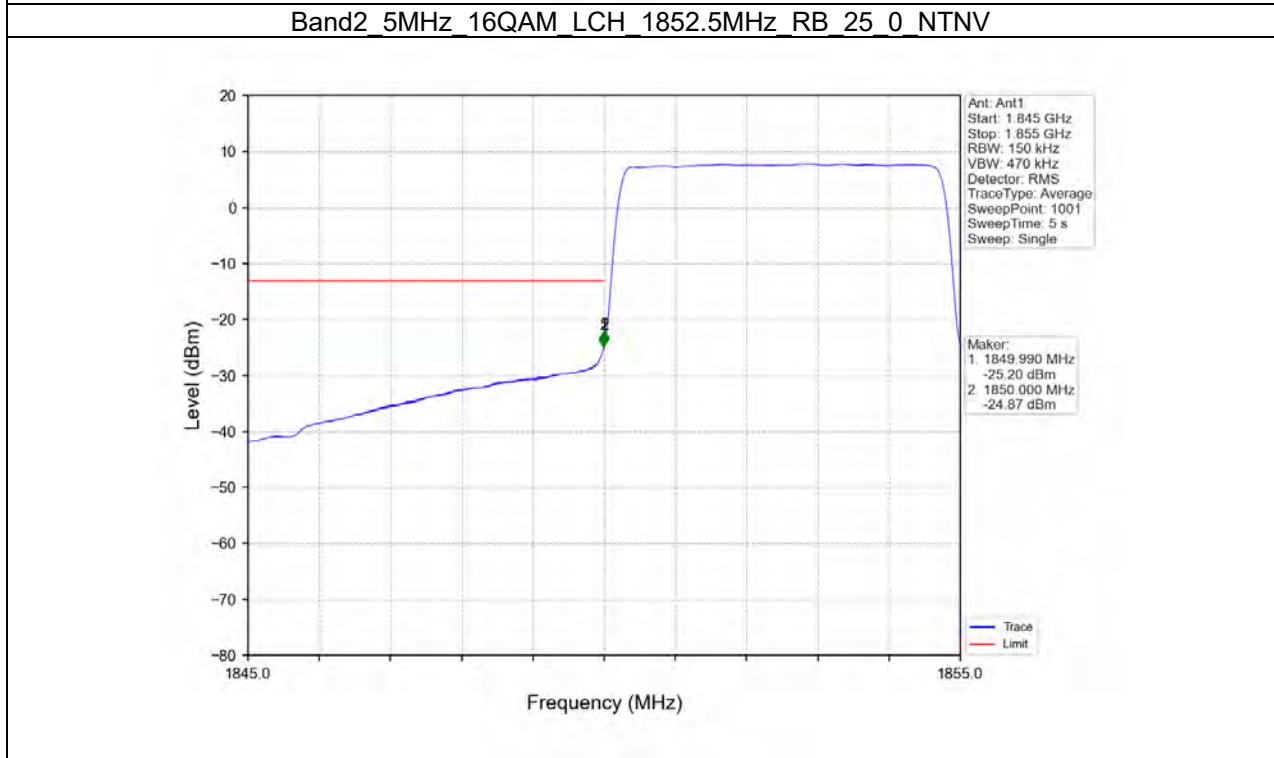
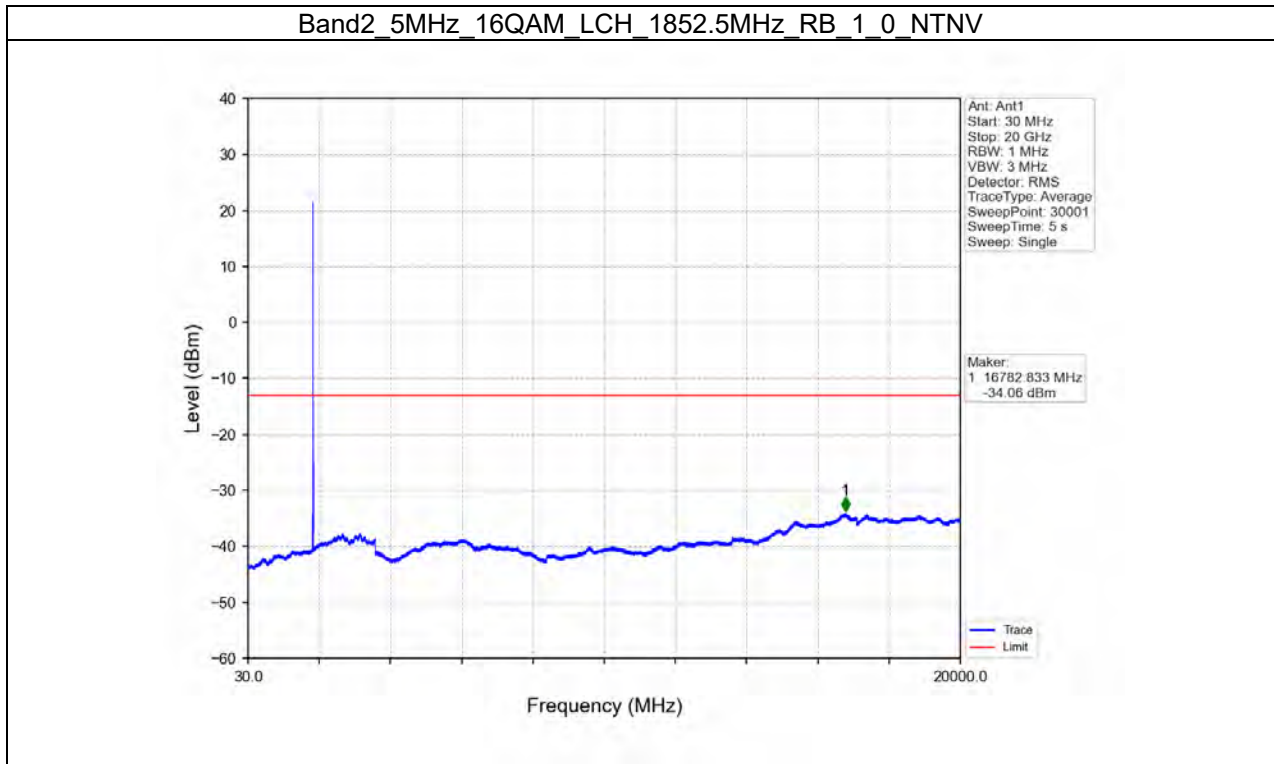
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV





BUREAU VERITAS

Test Report No.: W7L-220503W001RF05

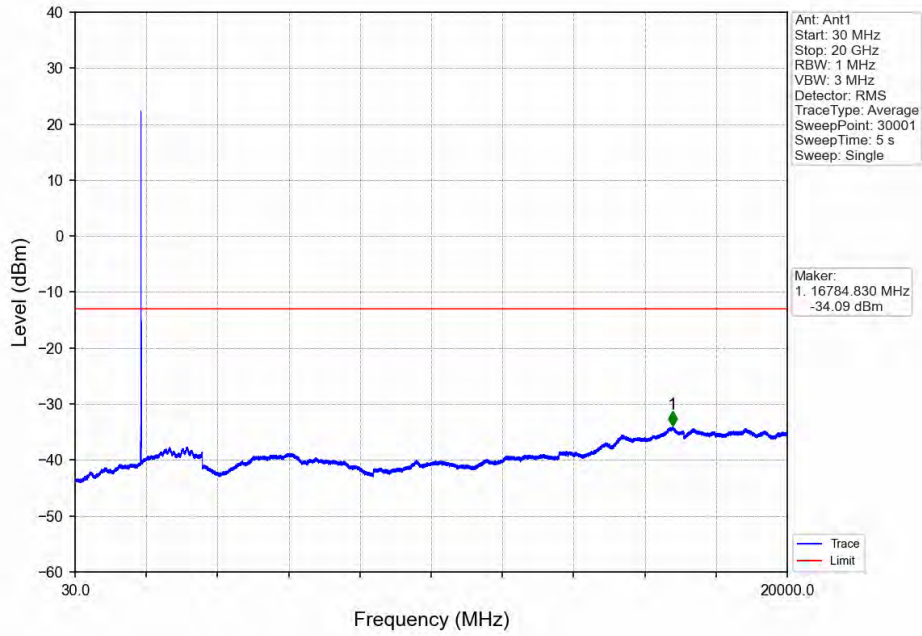




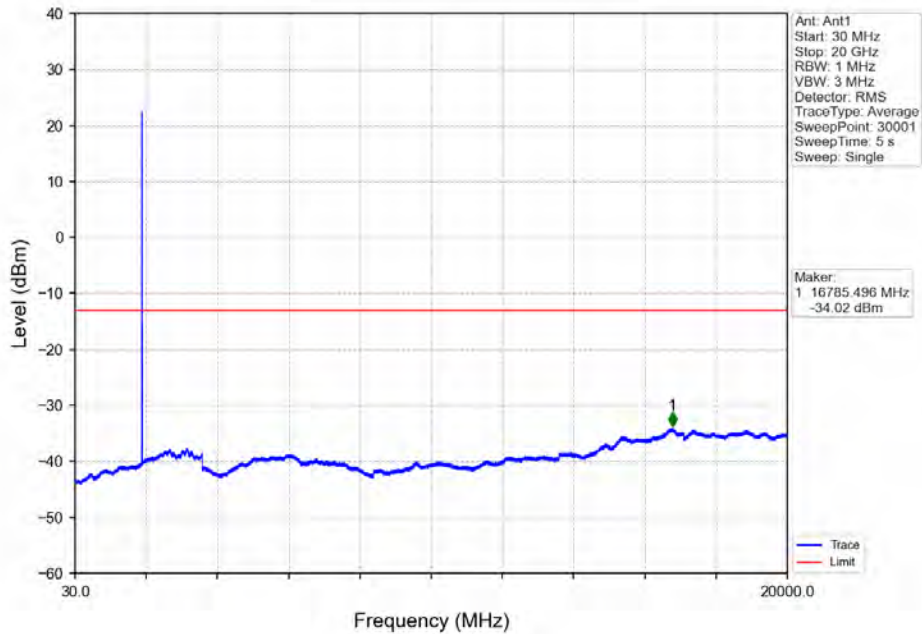
BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV

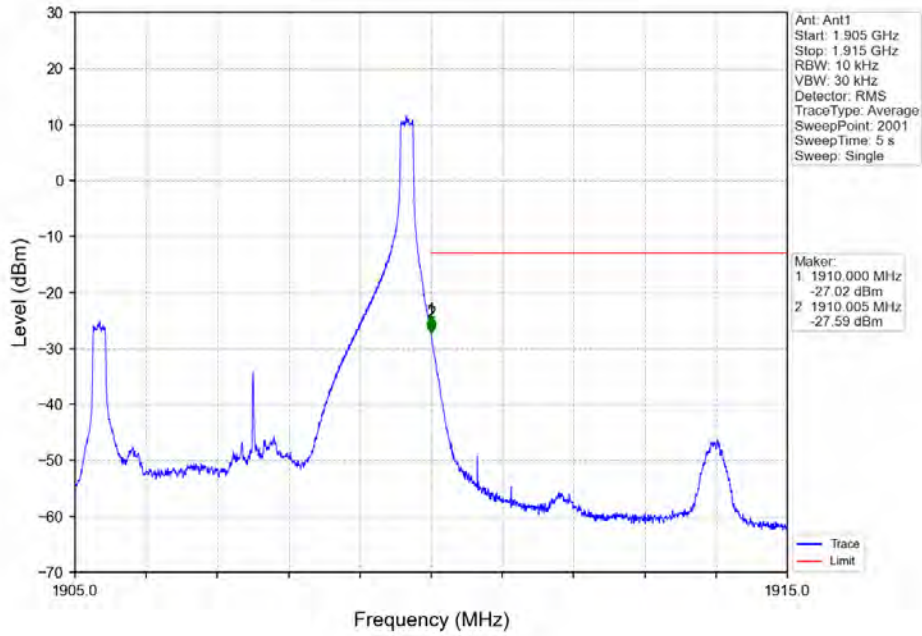




BUREAU
VERITAS

Test Report No.: W7L-220503W001RF05

Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_24_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

