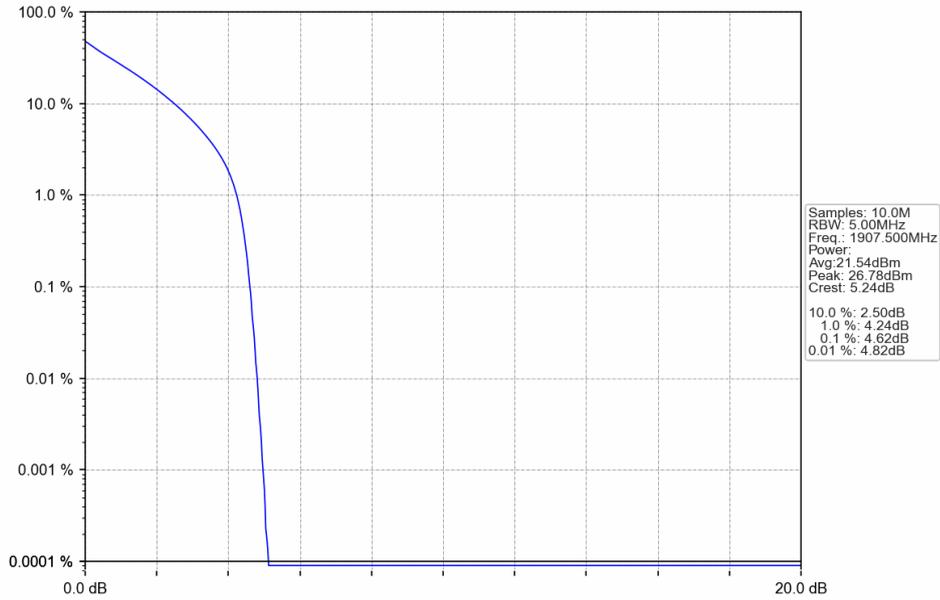
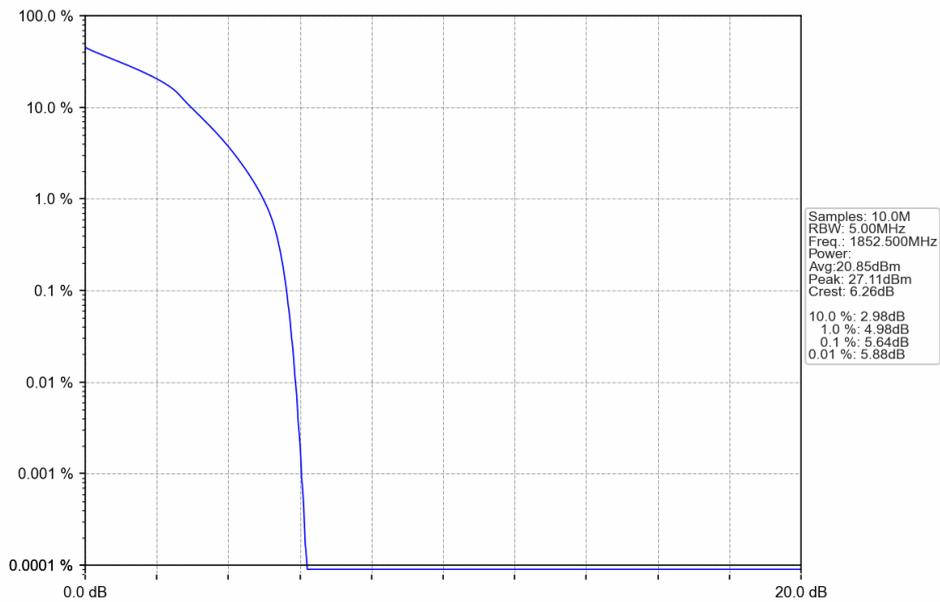




Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

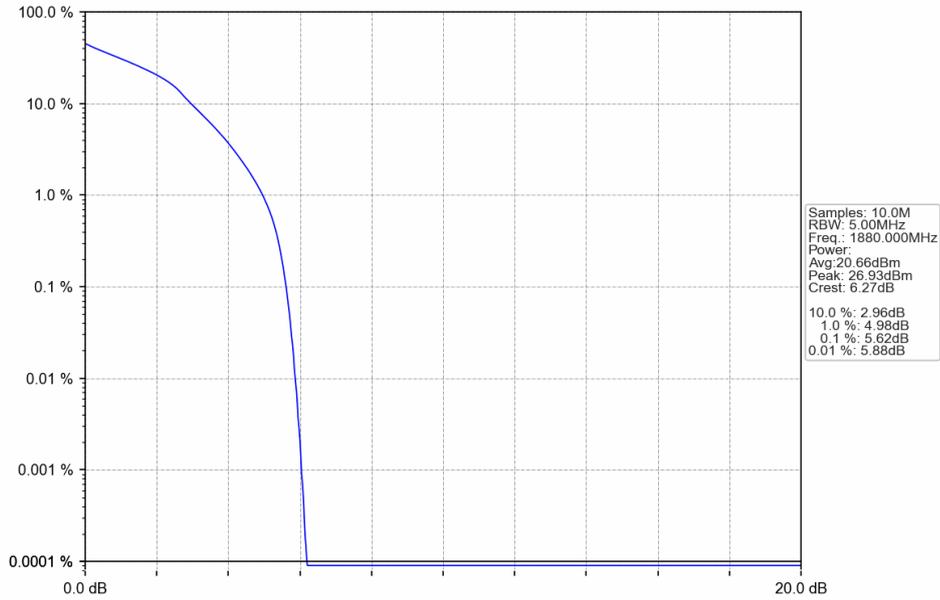




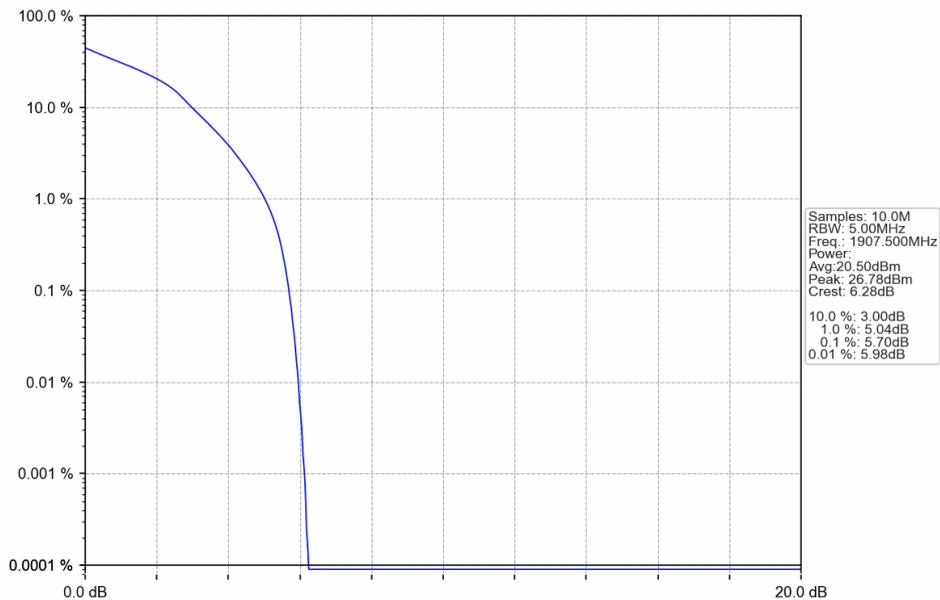
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Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV

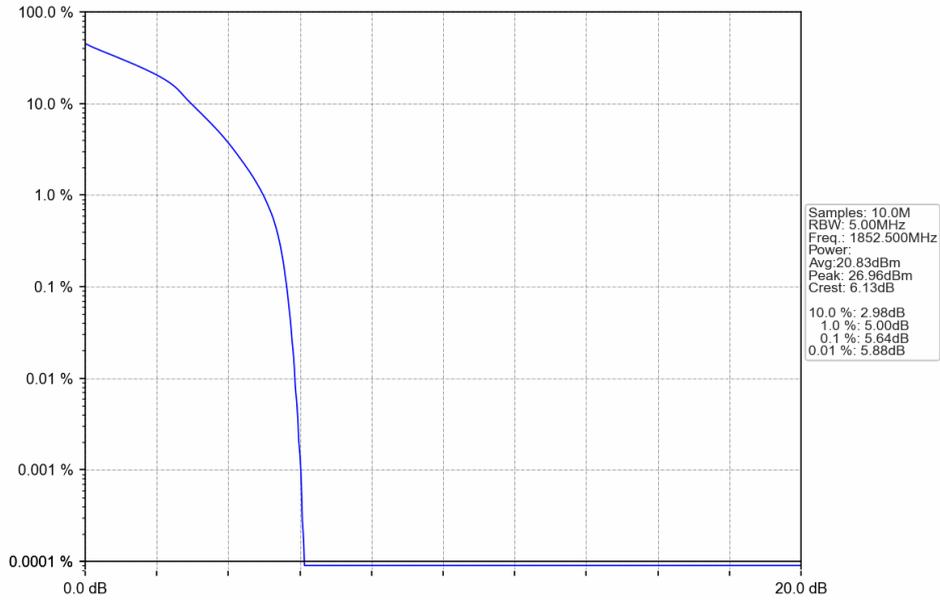


Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

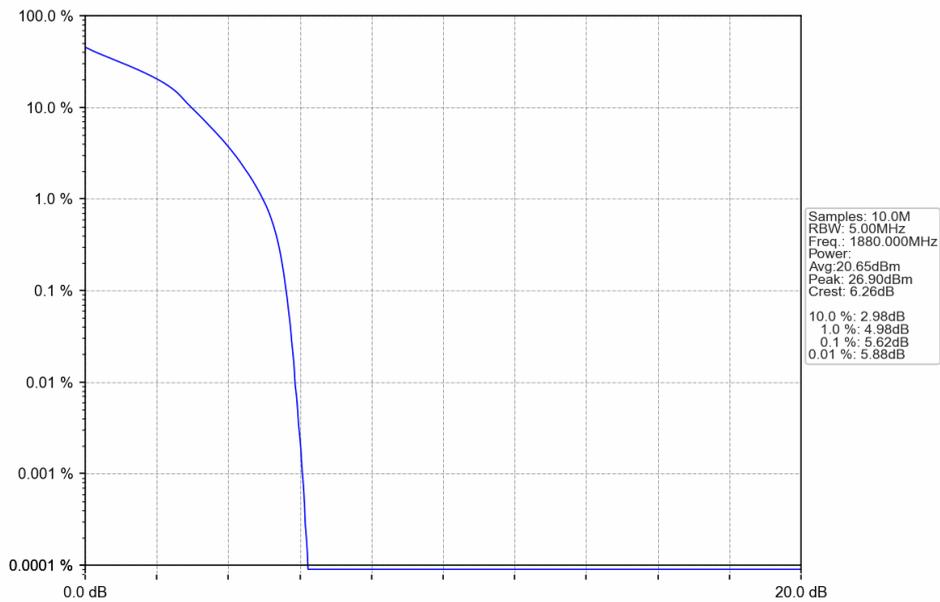




Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV

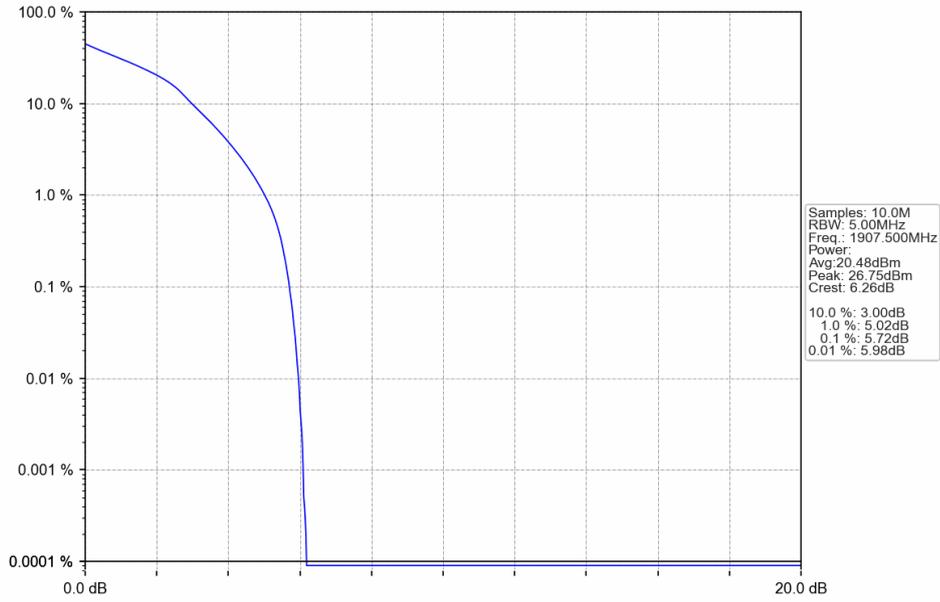




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Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



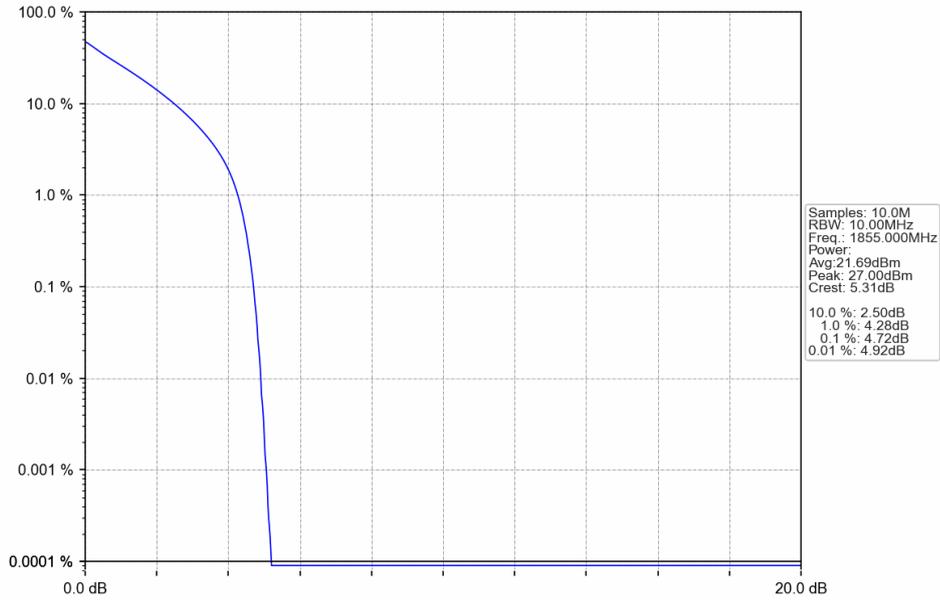


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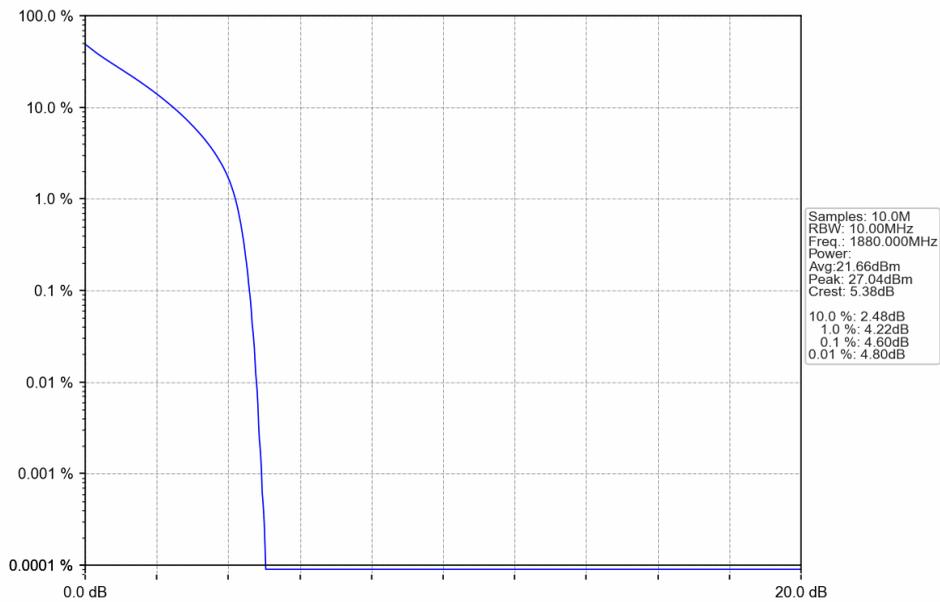
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10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

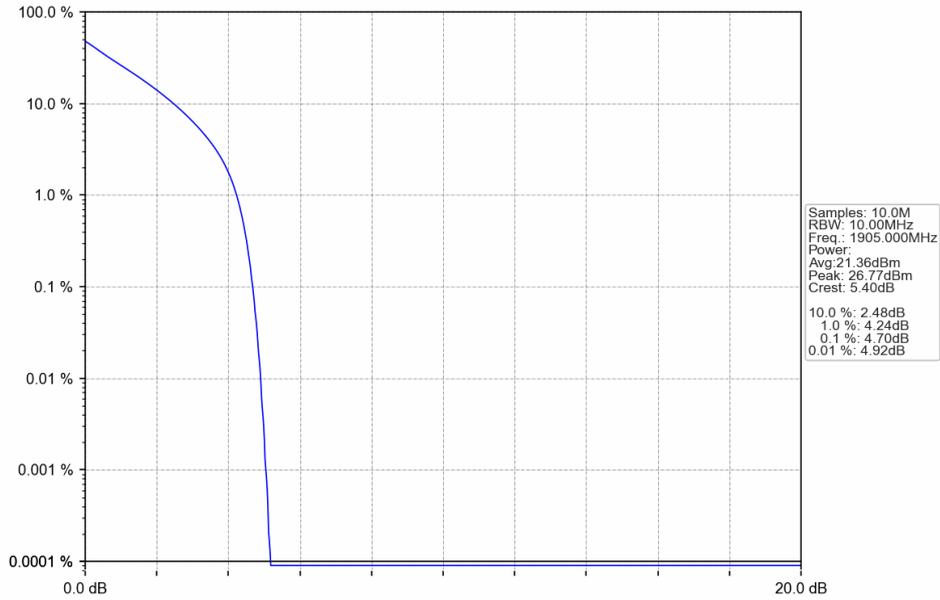




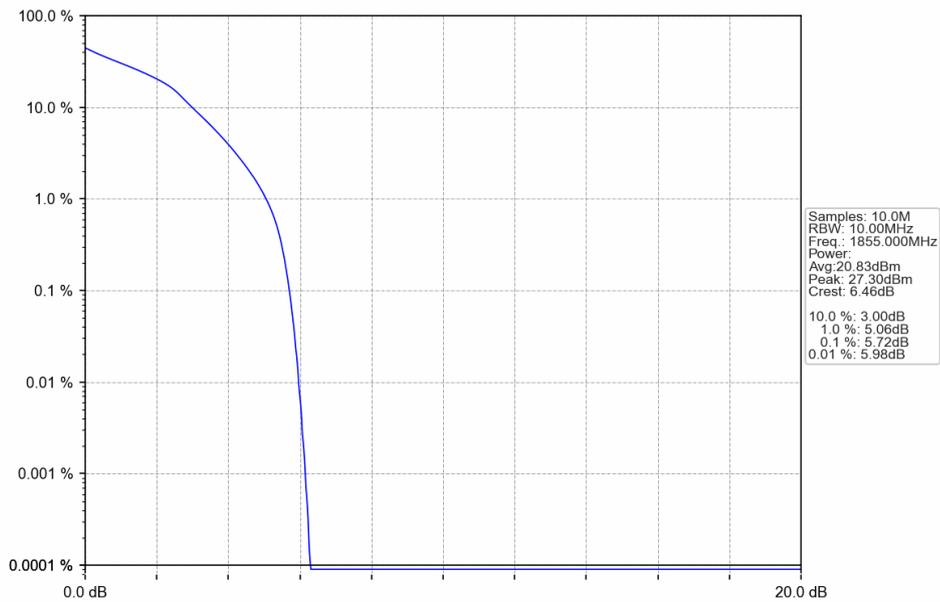
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Test Report No.: PSU-NQN2504150110RF02

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

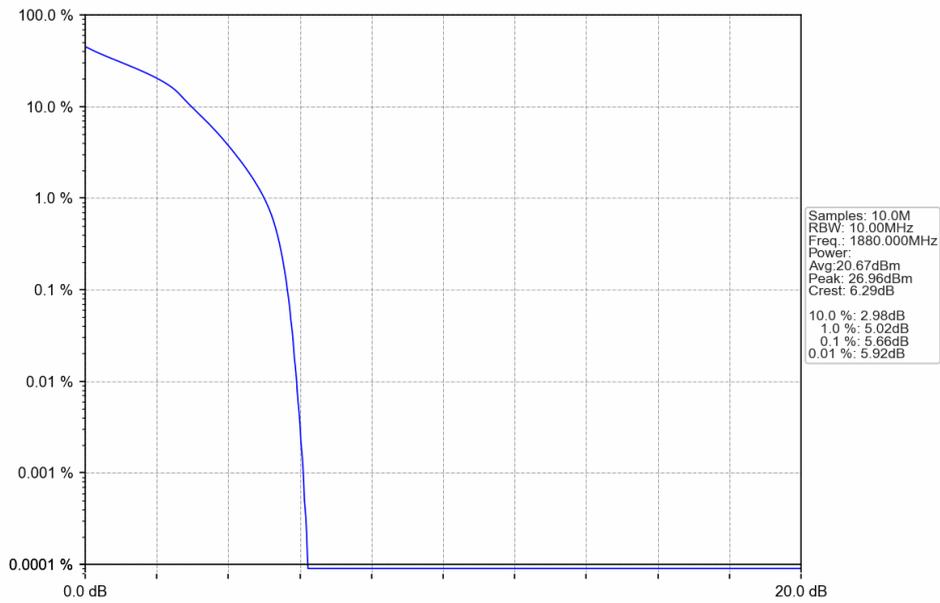


Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

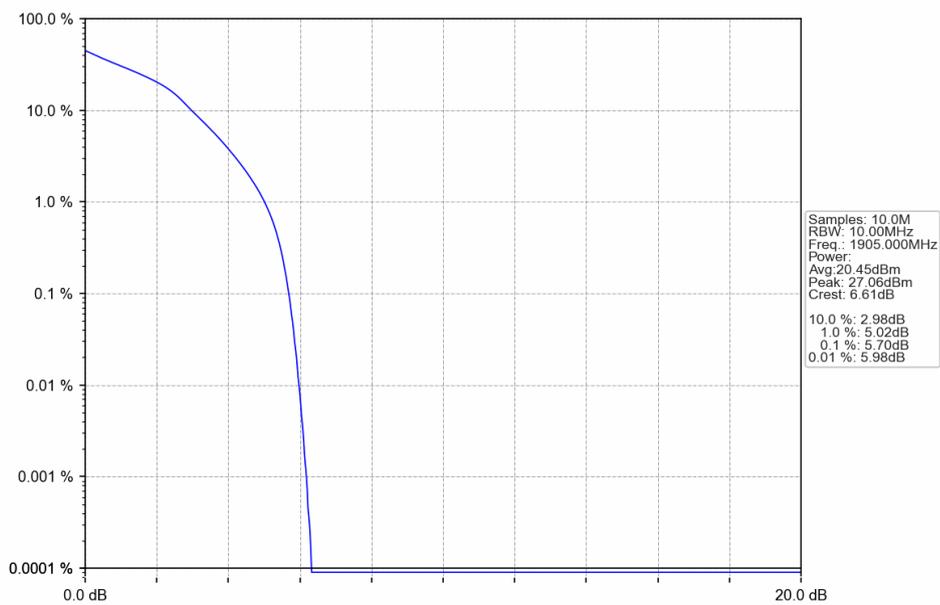




Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

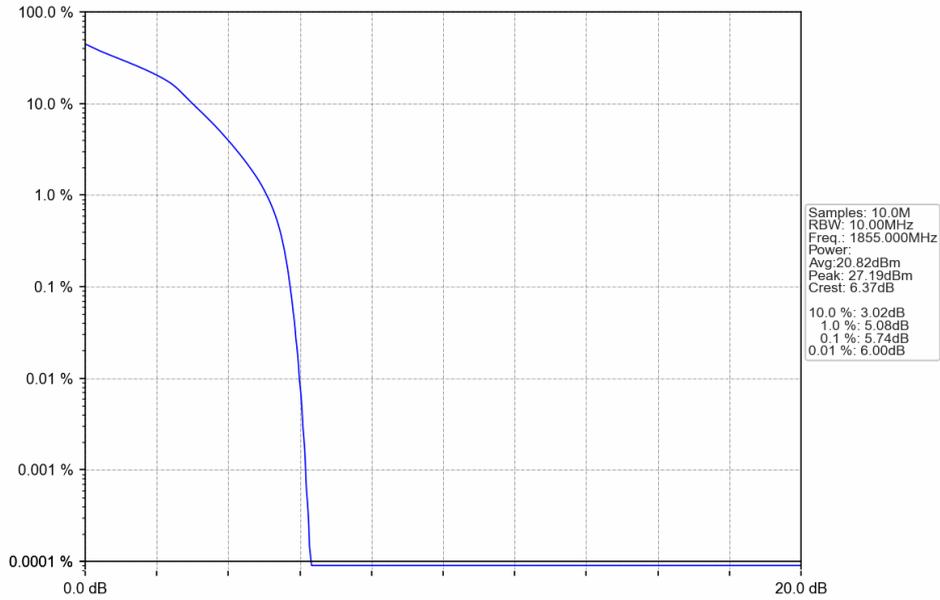


Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

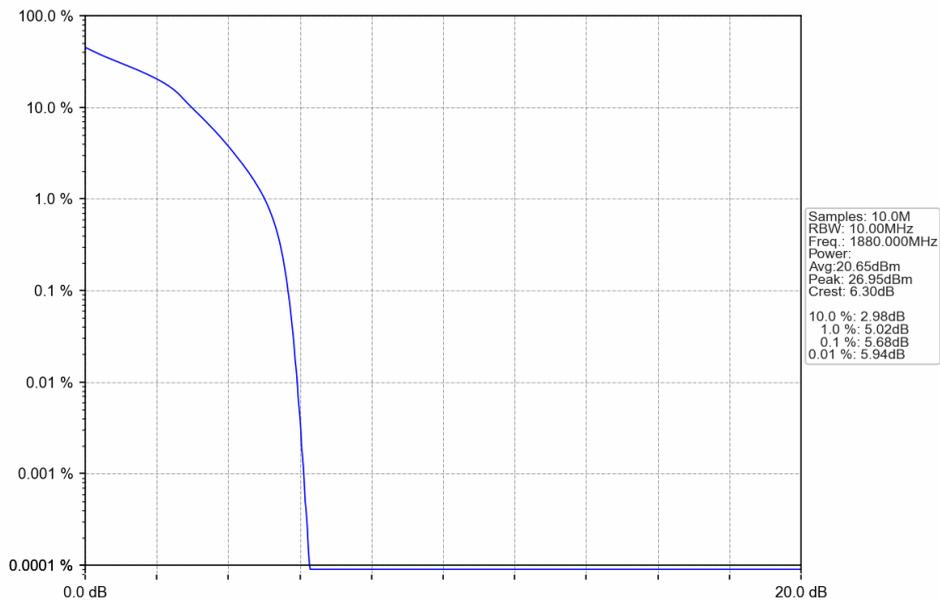




Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV

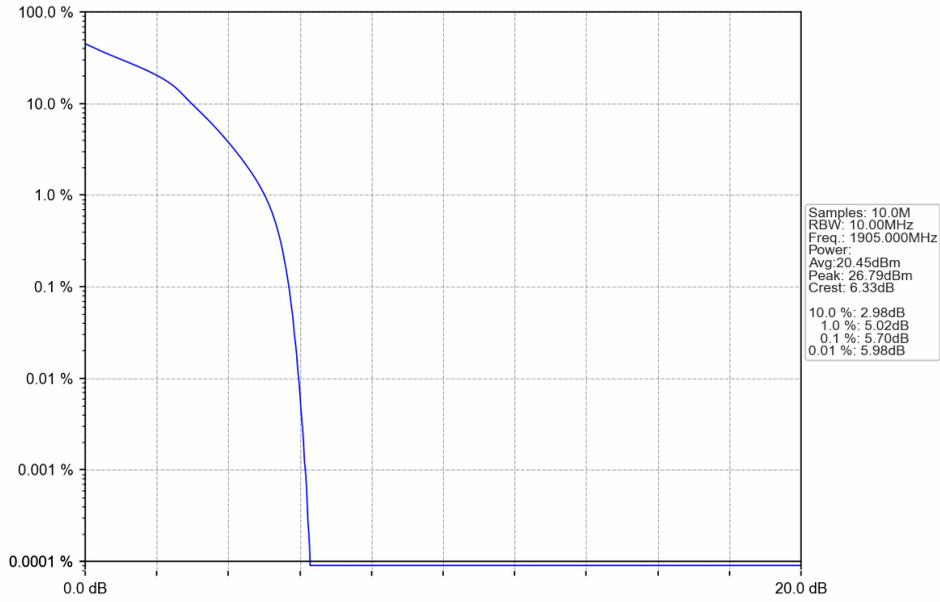




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Test Report No.: PSU-NQN2504150110RF02

Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV



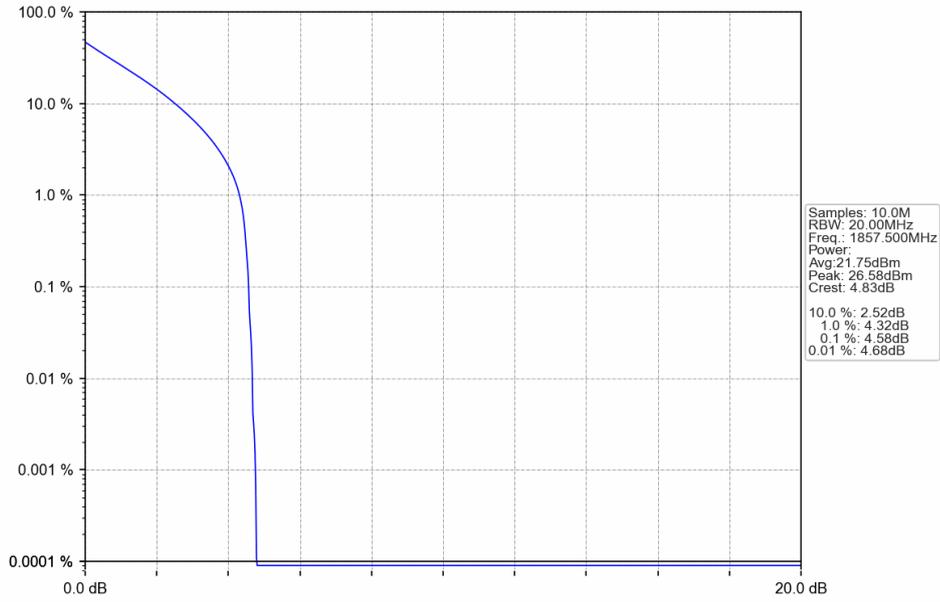


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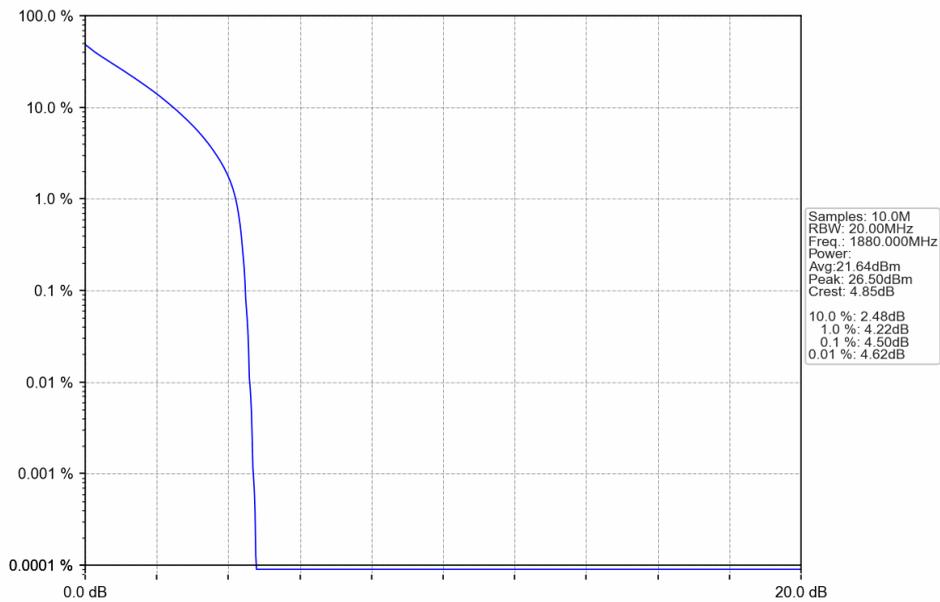
Test Report No.: PSU-NQN2504150110RF02

15MHz

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

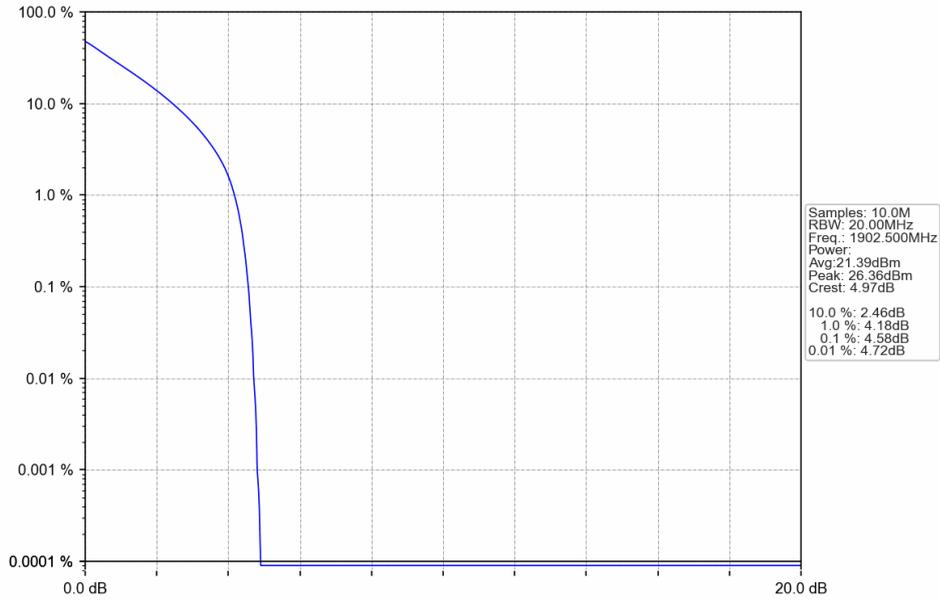




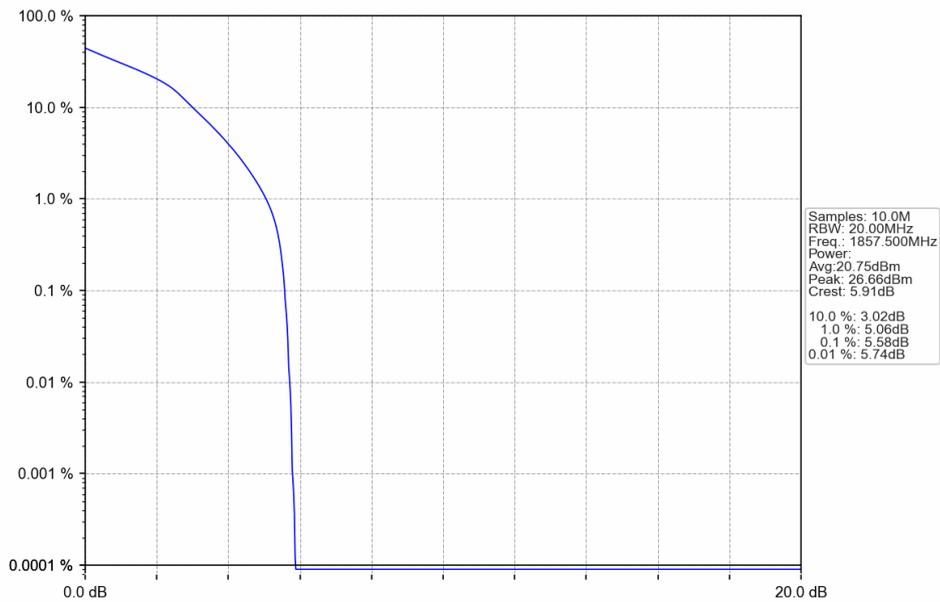
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Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

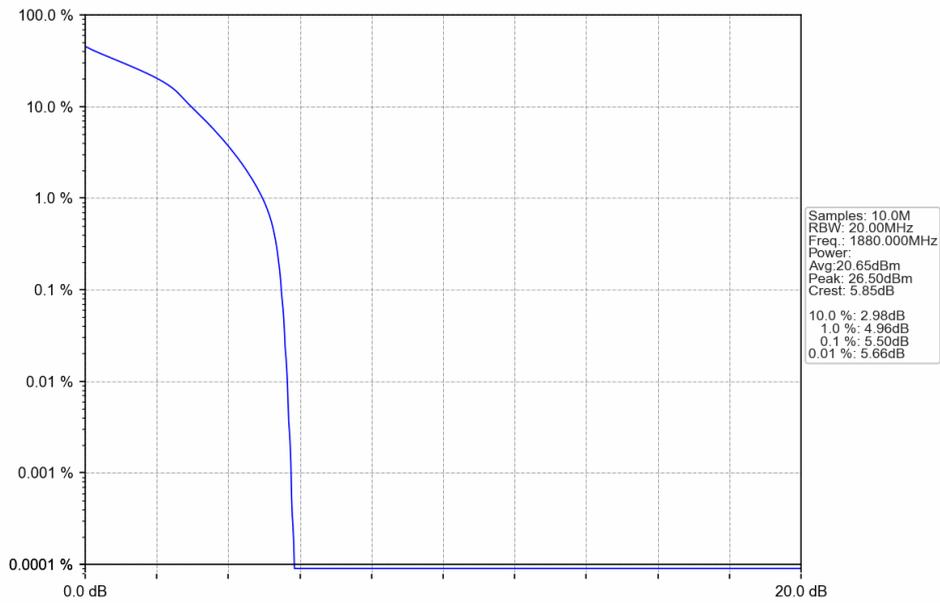




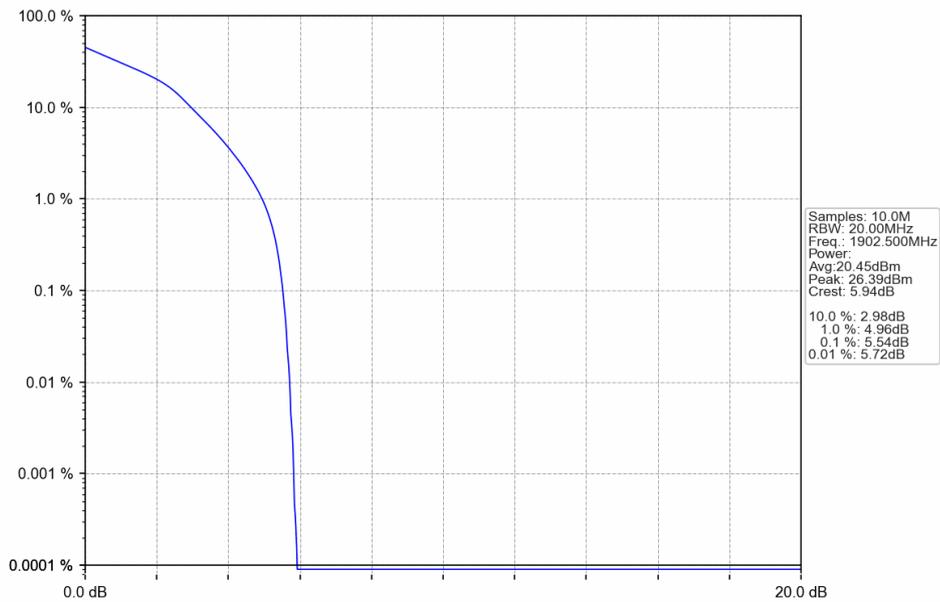
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

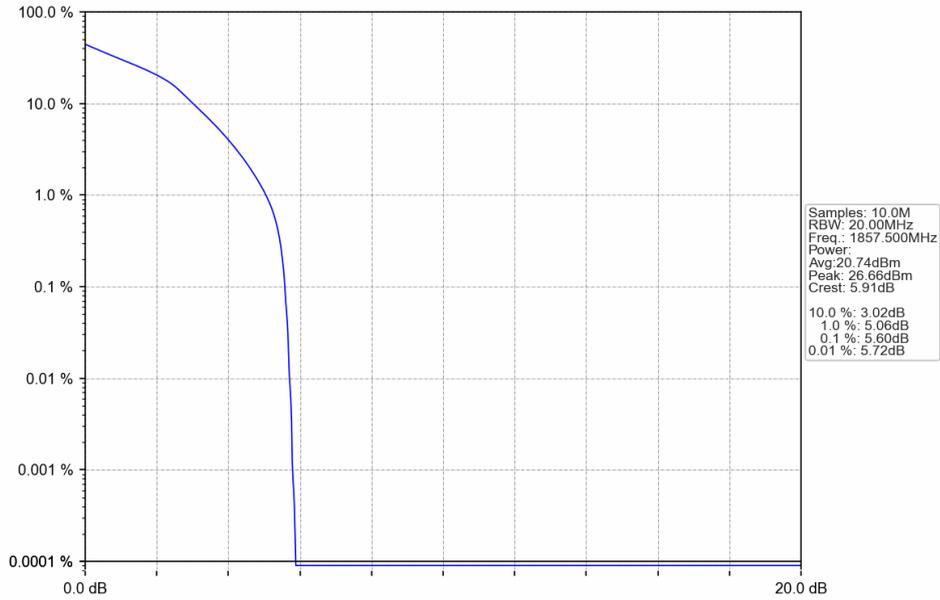




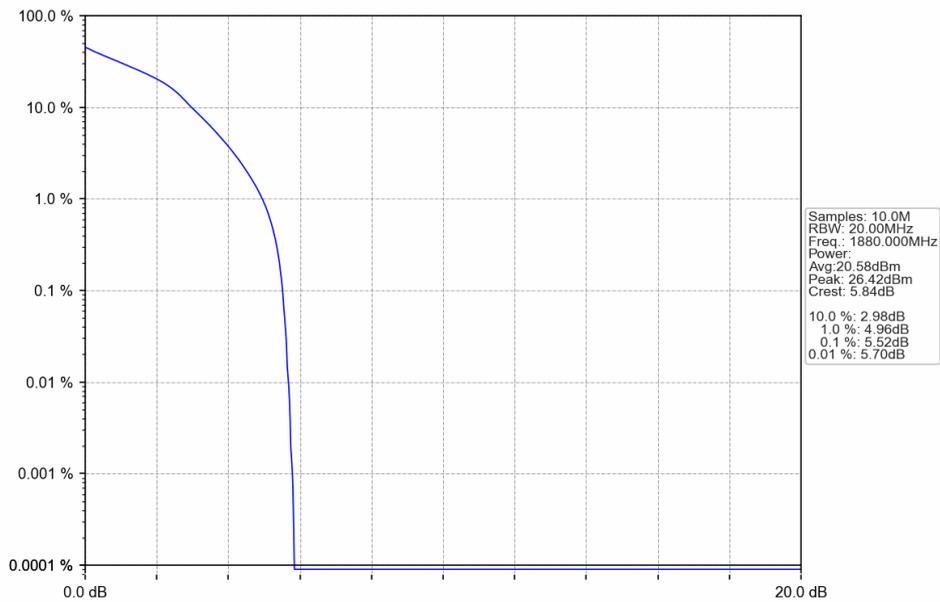
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Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV

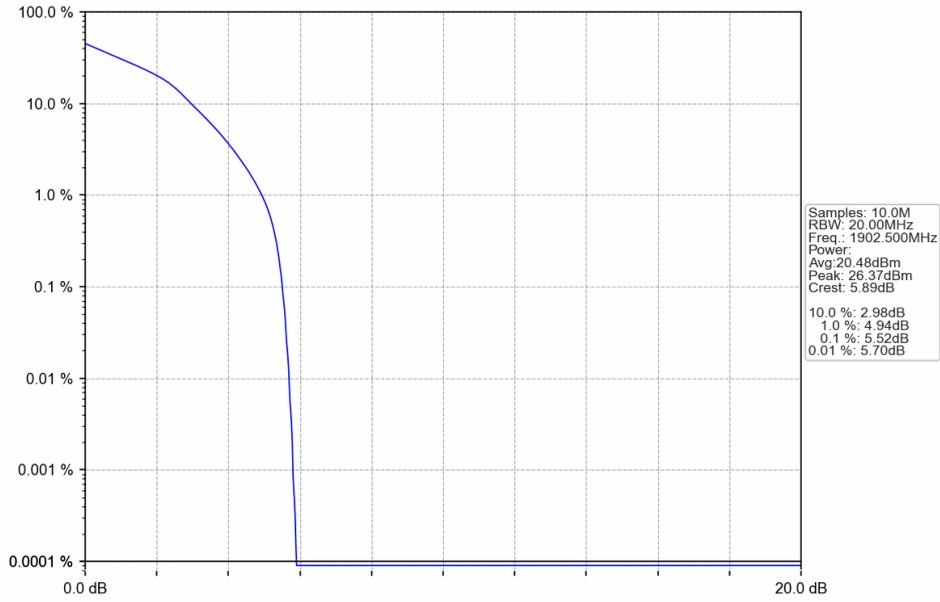




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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



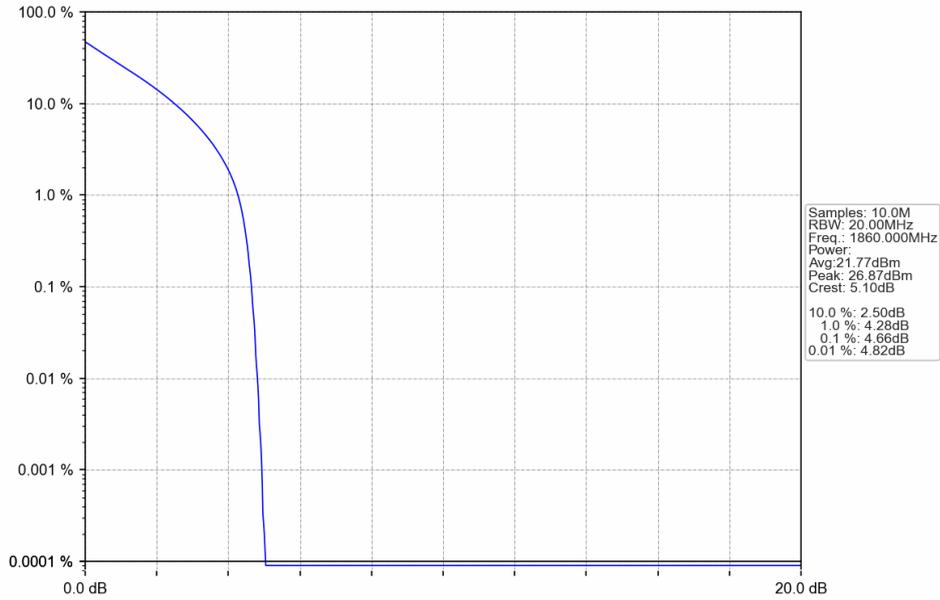


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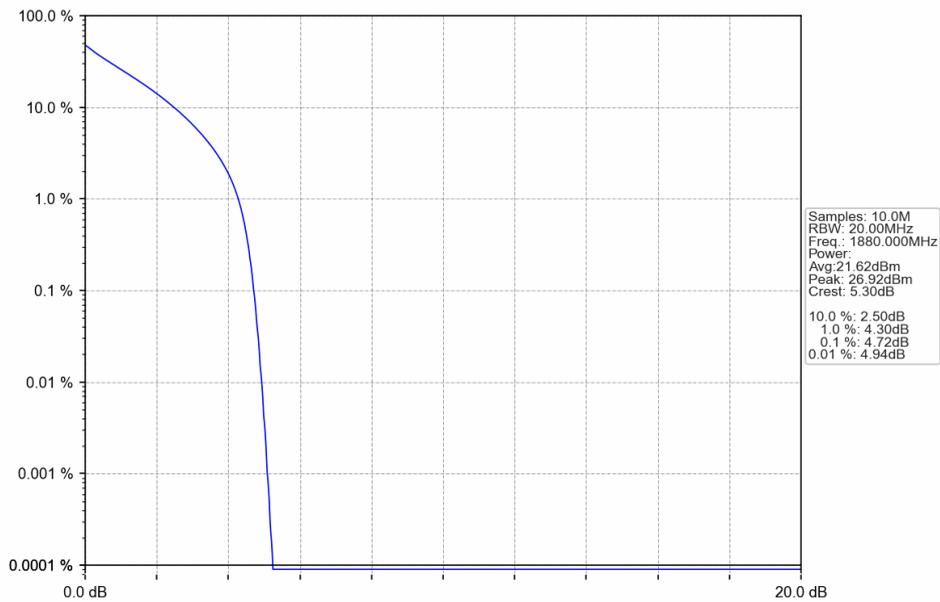
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20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

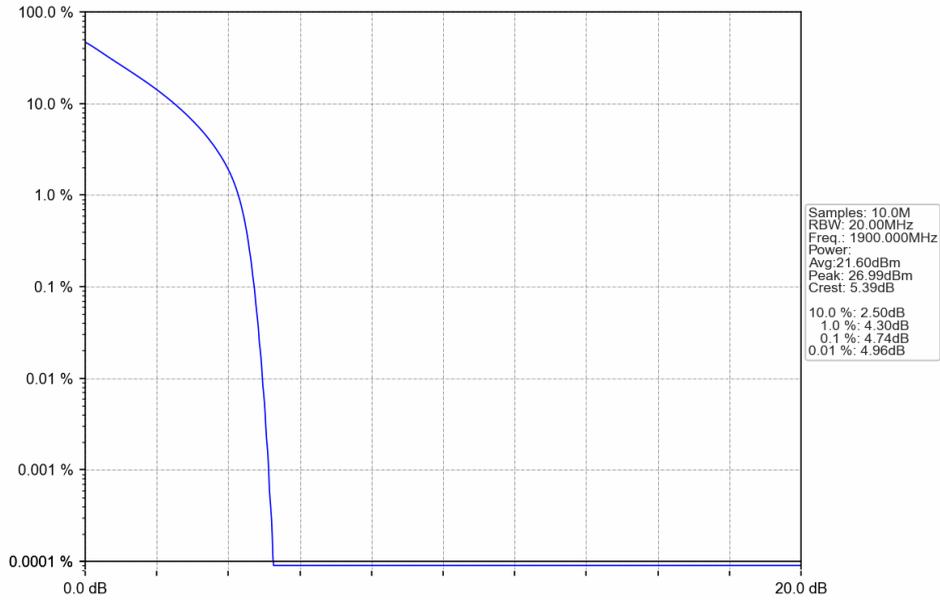


Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV

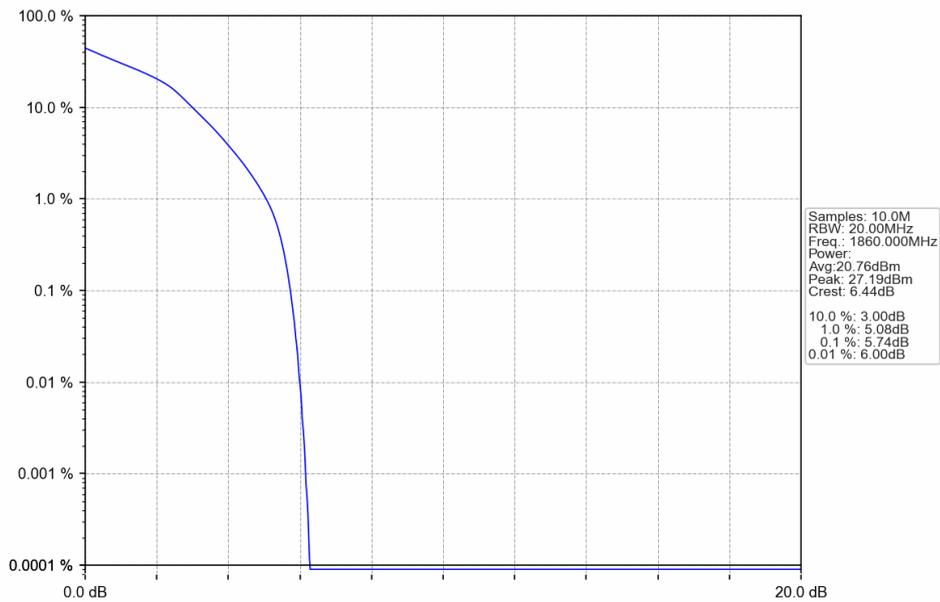




Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV

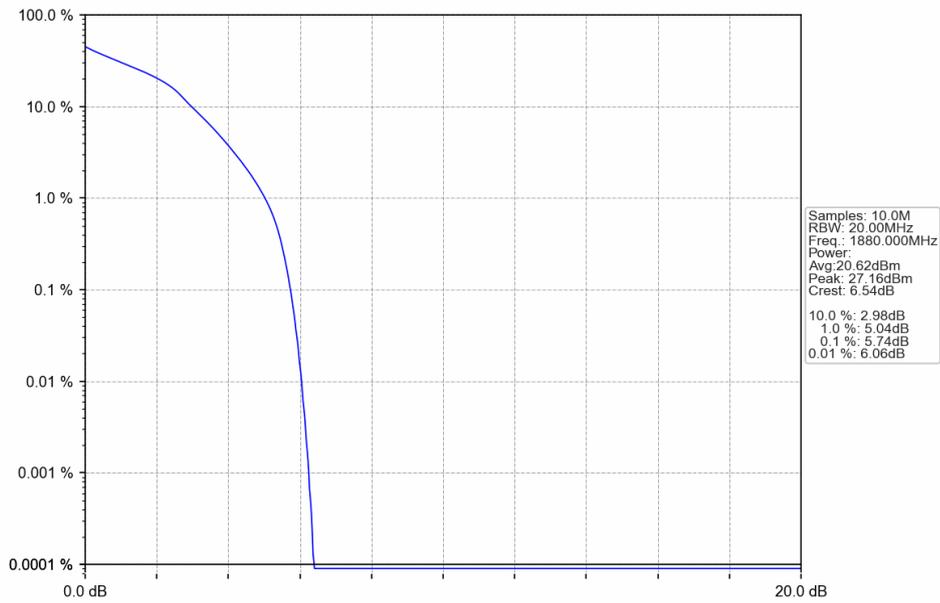


Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

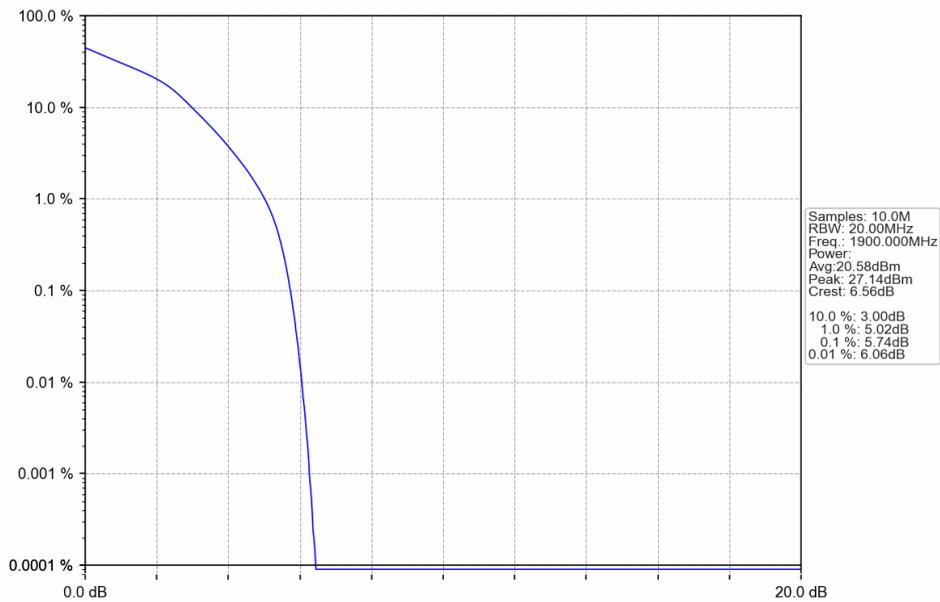




Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

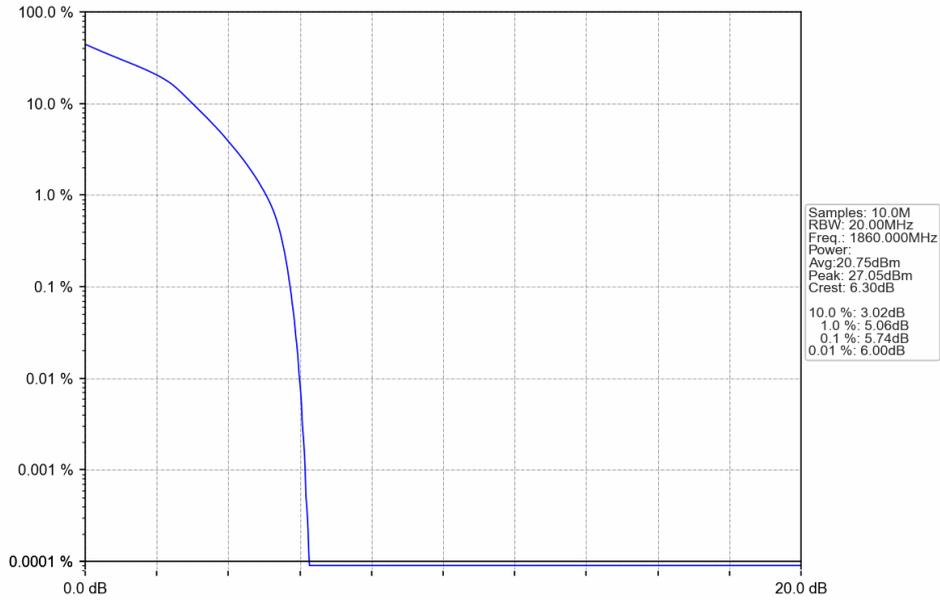




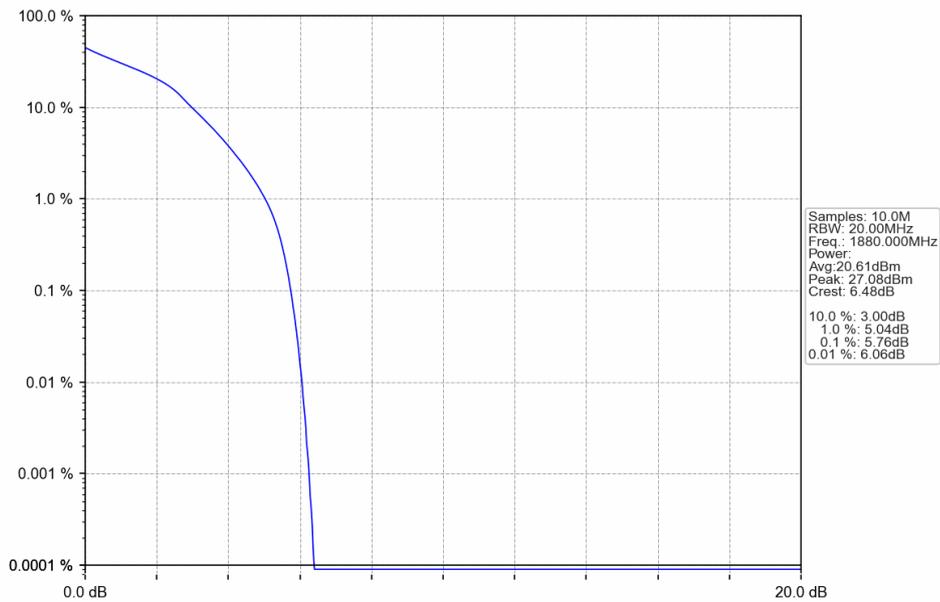
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Test Report No.: PSU-NQN2504150110RF02

Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV

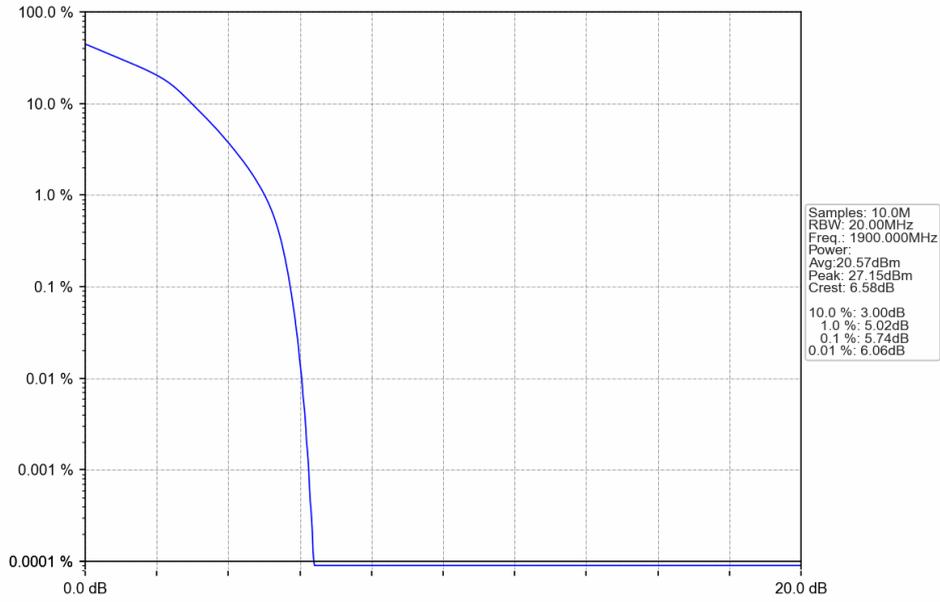




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Test Report No.: PSU-NQN2504150110RF02

Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.106	/	Pass
		1880	6	0	1.113	/	Pass
		1909.3	6	0	1.099	/	Pass
	16QAM	1850.7	6	0	1.131	/	Pass
		1880	6	0	1.109	/	Pass
		1909.3	6	0	1.112	/	Pass
	64QAM	1850.7	6	0	1.103	/	Pass
		1880	6	0	1.109	/	Pass
		1909.3	6	0	1.100	/	Pass
3	QPSK	1851.5	15	0	2.747	/	Pass
		1880	15	0	2.744	/	Pass
		1908.5	15	0	2.750	/	Pass
	16QAM	1851.5	15	0	2.754	/	Pass
		1880	15	0	2.744	/	Pass
		1908.5	15	0	2.745	/	Pass
	64QAM	1851.5	15	0	2.740	/	Pass
		1880	15	0	2.737	/	Pass
		1908.5	15	0	2.735	/	Pass
5	QPSK	1852.5	25	0	4.524	/	Pass
		1880	25	0	4.523	/	Pass
		1907.5	25	0	4.520	/	Pass
	16QAM	1852.5	25	0	4.517	/	Pass
		1880	25	0	4.514	/	Pass
		1907.5	25	0	4.530	/	Pass
	64QAM	1852.5	25	0	4.521	/	Pass
		1880	25	0	4.515	/	Pass
		1907.5	25	0	4.518	/	Pass
10	QPSK	1855	50	0	9.004	/	Pass
		1880	50	0	8.980	/	Pass
		1905	50	0	8.994	/	Pass
	16QAM	1855	50	0	9.045	/	Pass
		1880	50	0	9.018	/	Pass
		1905	50	0	9.007	/	Pass
	64QAM	1855	50	0	9.001	/	Pass
		1880	50	0	8.997	/	Pass
		1905	50	0	9.022	/	Pass
15	QPSK	1857.5	75	0	13.496	/	Pass
		1880	75	0	13.502	/	Pass
		1902.5	75	0	13.513	/	Pass
	16QAM	1857.5	75	0	13.512	/	Pass
		1880	75	0	13.512	/	Pass
		1902.5	75	0	13.517	/	Pass
	64QAM	1857.5	75	0	13.483	/	Pass
		1880	75	0	13.498	/	Pass
		1902.5	75	0	13.470	/	Pass
20	QPSK	1860	100	0	18.055	/	Pass
		1880	100	0	18.024	/	Pass
		1900	100	0	18.021	/	Pass
	16QAM	1860	100	0	18.007	/	Pass
		1880	100	0	18.059	/	Pass
		1900	100	0	18.015	/	Pass
	64QAM	1860	100	0	18.019	/	Pass
		1880	100	0	18.095	/	Pass
		1900	100	0	18.000	/	Pass



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Test Report No.: PSU-NQN2504150110RF02

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.354	/	Pass
		1880	6	0	1.391	/	Pass
		1909.3	6	0	1.394	/	Pass
	16QAM	1850.7	6	0	1.496	/	Pass
		1880	6	0	1.575	/	Pass
		1909.3	6	0	1.444	/	Pass
	64QAM	1850.7	6	0	1.404	/	Pass
		1880	6	0	1.389	/	Pass
		1909.3	6	0	1.366	/	Pass
3	QPSK	1851.5	15	0	3.161	/	Pass
		1880	15	0	3.133	/	Pass
		1908.5	15	0	3.132	/	Pass
	16QAM	1851.5	15	0	3.107	/	Pass
		1880	15	0	3.136	/	Pass
		1908.5	15	0	3.136	/	Pass
	64QAM	1851.5	15	0	3.123	/	Pass
		1880	15	0	3.121	/	Pass
		1908.5	15	0	3.113	/	Pass
5	QPSK	1852.5	25	0	5.232	/	Pass
		1880	25	0	5.148	/	Pass
		1907.5	25	0	5.142	/	Pass
	16QAM	1852.5	25	0	5.140	/	Pass
		1880	25	0	5.173	/	Pass
		1907.5	25	0	5.165	/	Pass
	64QAM	1852.5	25	0	5.106	/	Pass
		1880	25	0	5.142	/	Pass
		1907.5	25	0	5.168	/	Pass
10	QPSK	1855	50	0	10.019	/	Pass
		1880	50	0	10.085	/	Pass
		1905	50	0	9.968	/	Pass
	16QAM	1855	50	0	10.002	/	Pass
		1880	50	0	9.974	/	Pass
		1905	50	0	10.183	/	Pass
	64QAM	1855	50	0	9.904	/	Pass
		1880	50	0	10.112	/	Pass
		1905	50	0	10.035	/	Pass
15	QPSK	1857.5	75	0	14.937	/	Pass
		1880	75	0	14.985	/	Pass
		1902.5	75	0	15.086	/	Pass
	16QAM	1857.5	75	0	14.951	/	Pass
		1880	75	0	14.970	/	Pass
		1902.5	75	0	14.869	/	Pass
	64QAM	1857.5	75	0	14.895	/	Pass
		1880	75	0	14.936	/	Pass
		1902.5	75	0	14.705	/	Pass
20	QPSK	1860	100	0	19.881	/	Pass
		1880	100	0	19.862	/	Pass
		1900	100	0	19.666	/	Pass
	16QAM	1860	100	0	19.843	/	Pass
		1880	100	0	19.701	/	Pass
		1900	100	0	19.852	/	Pass
	64QAM	1860	100	0	19.704	/	Pass
		1880	100	0	19.622	/	Pass
		1900	100	0	19.654	/	Pass

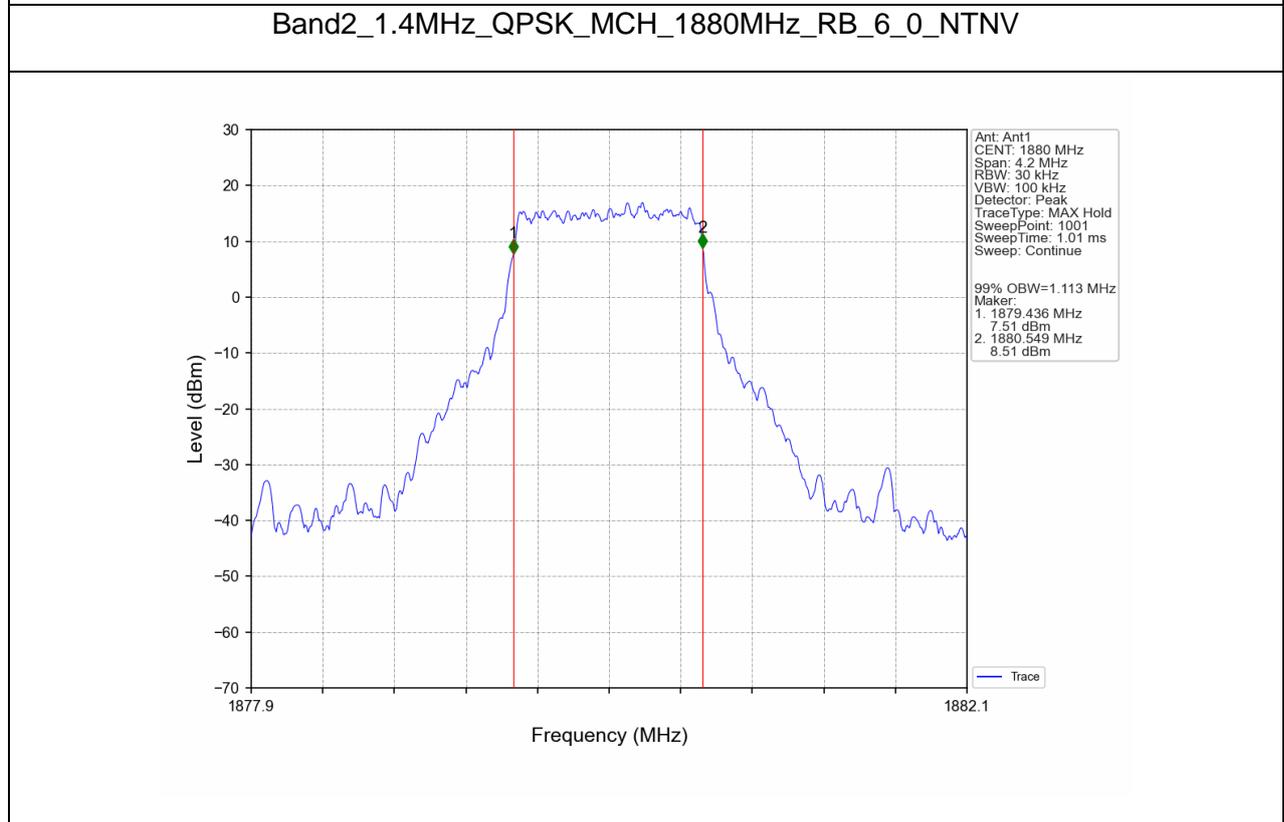
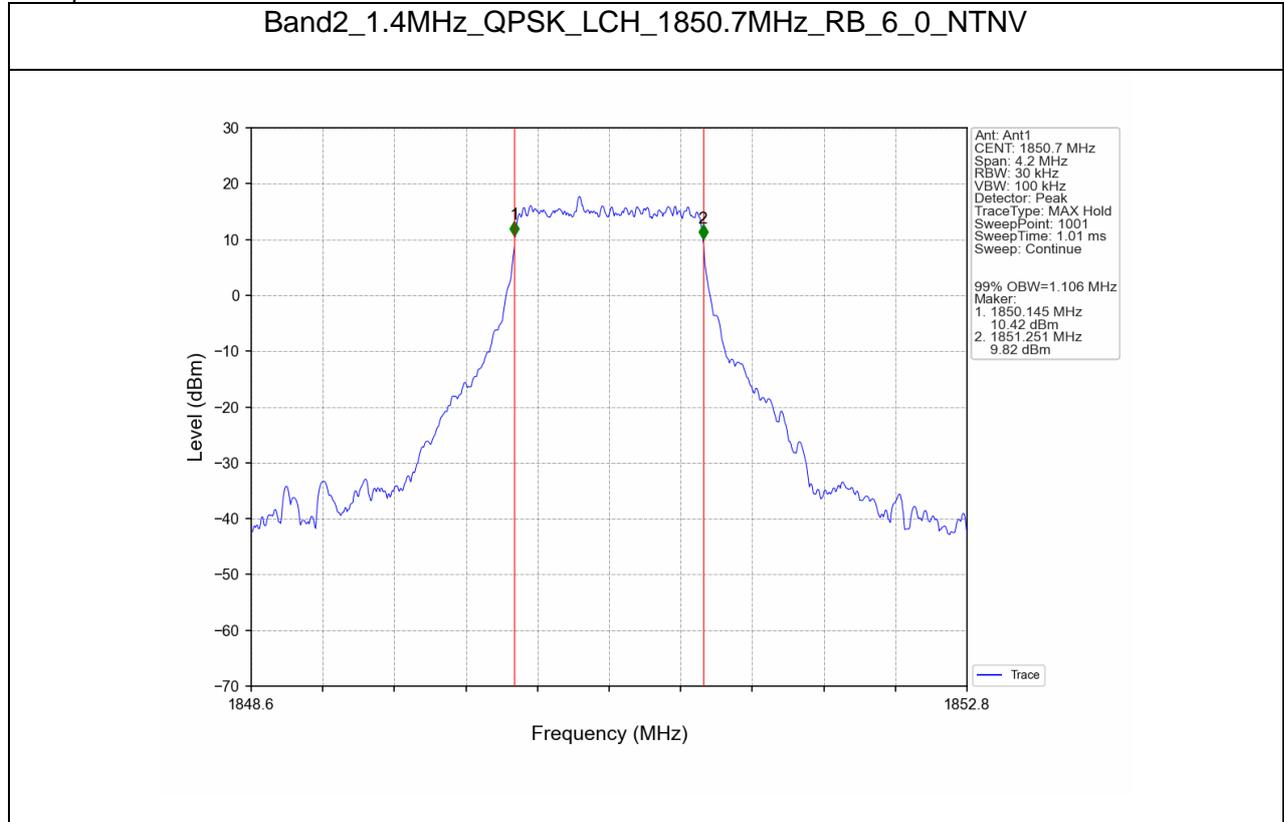


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Test Report No.: PSU-NQN2504150110RF02

Test Graphs

Occupied Bandwidth

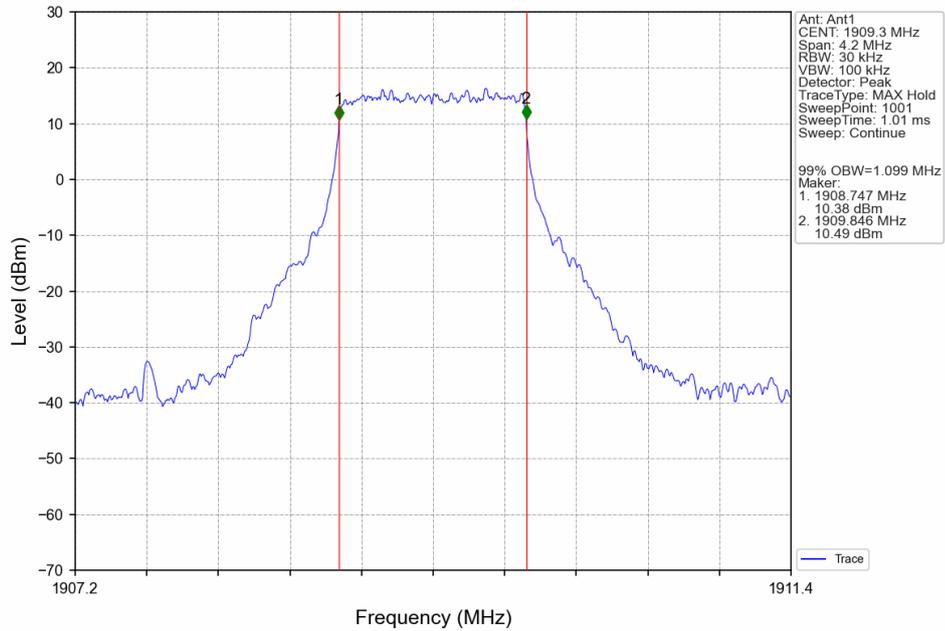




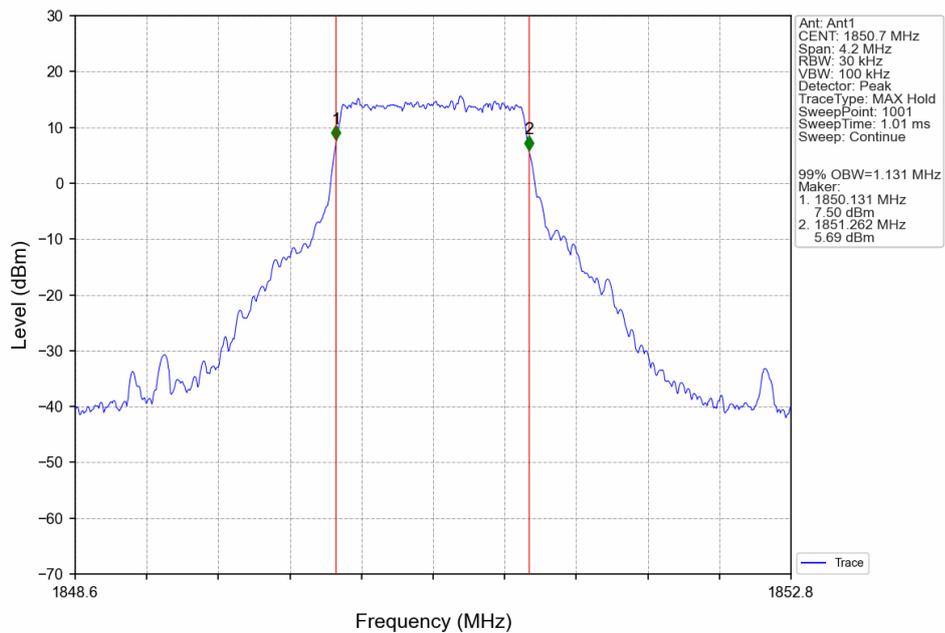
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Test Report No.: PSU-NQN2504150110RF02

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

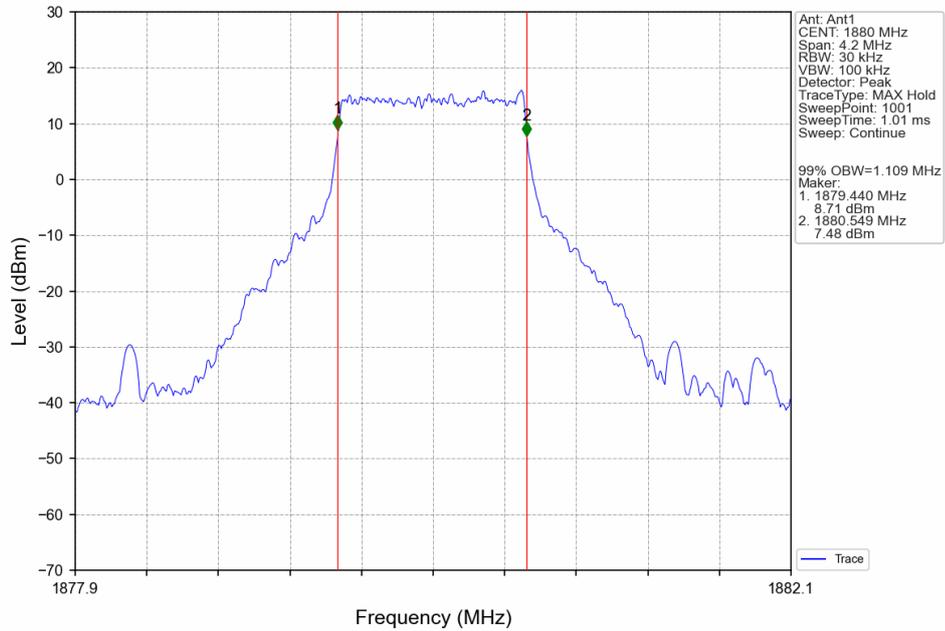




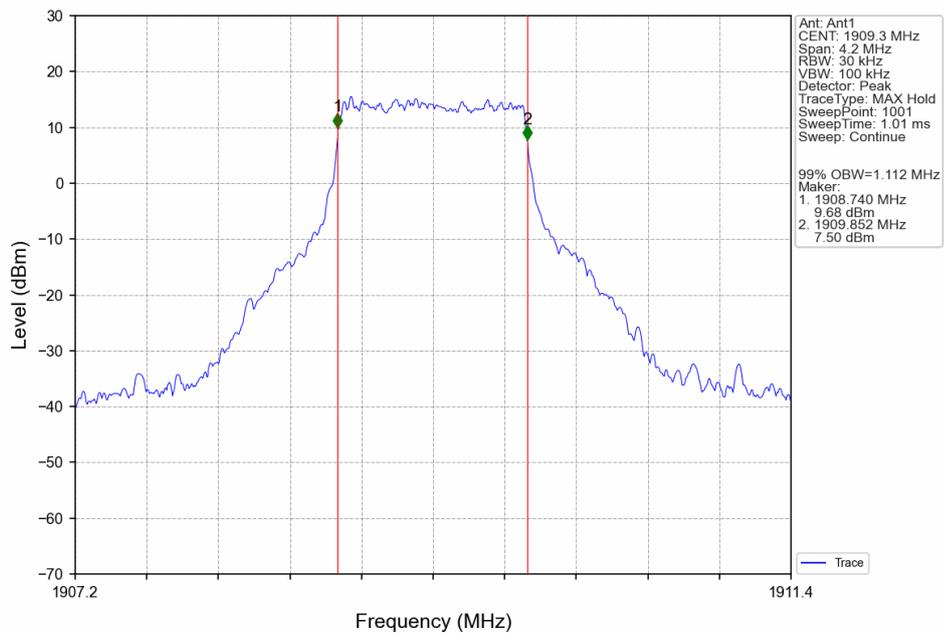
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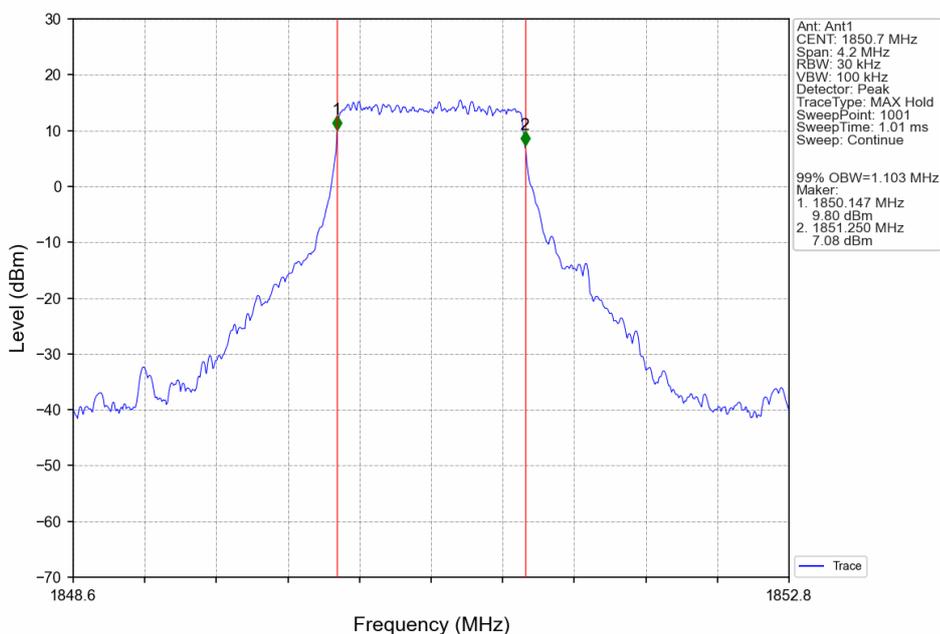
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



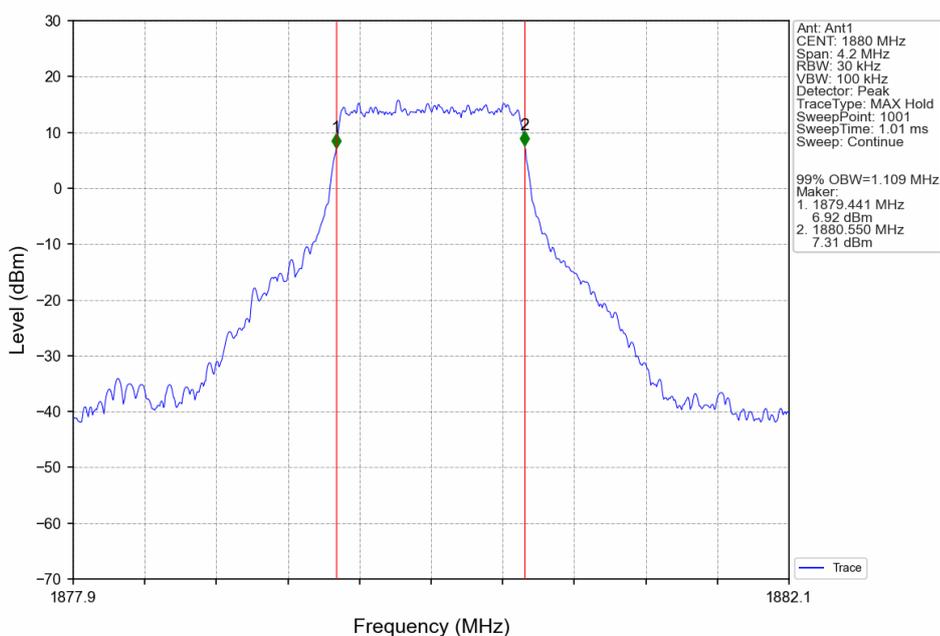
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



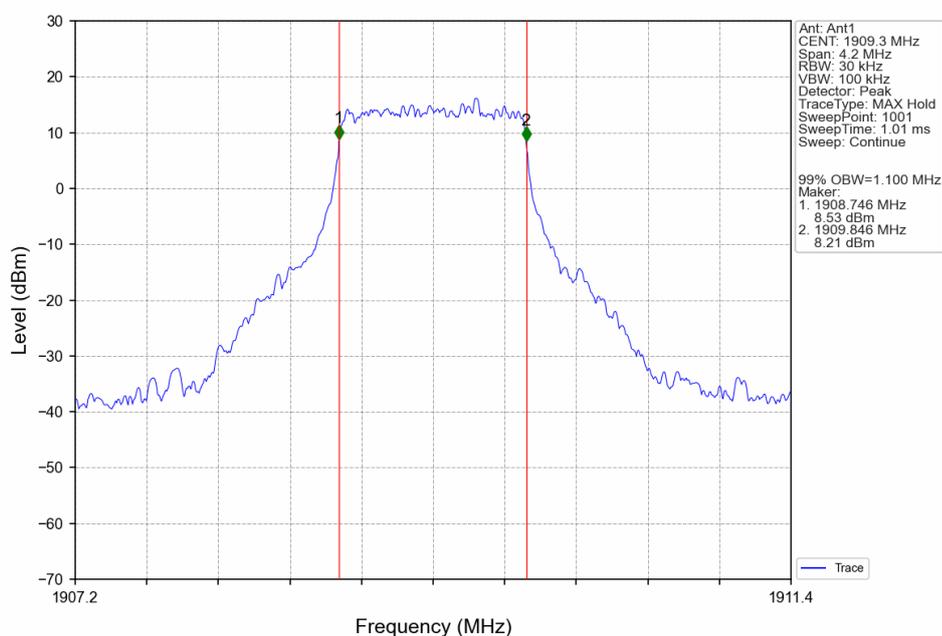
Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



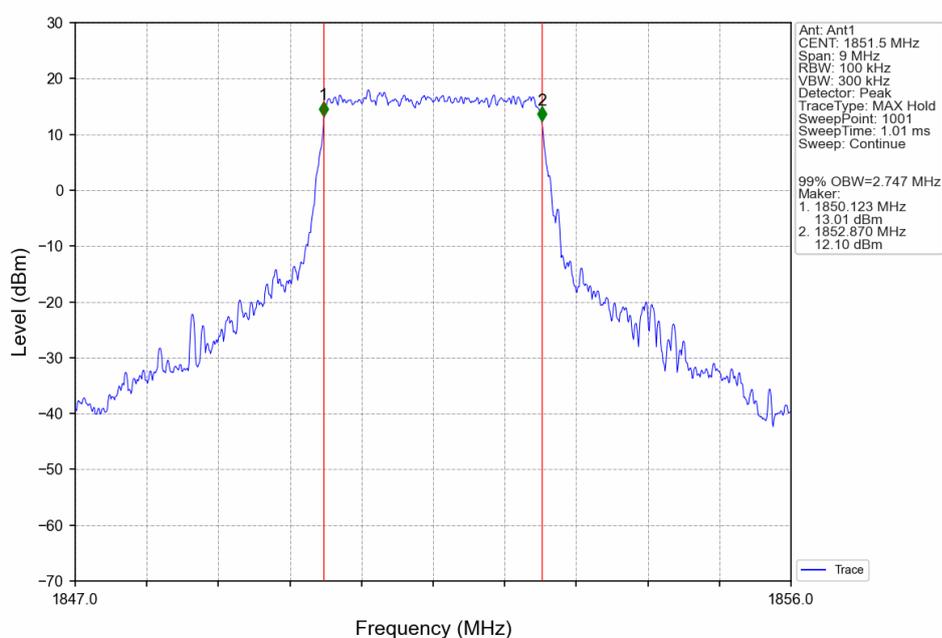
Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

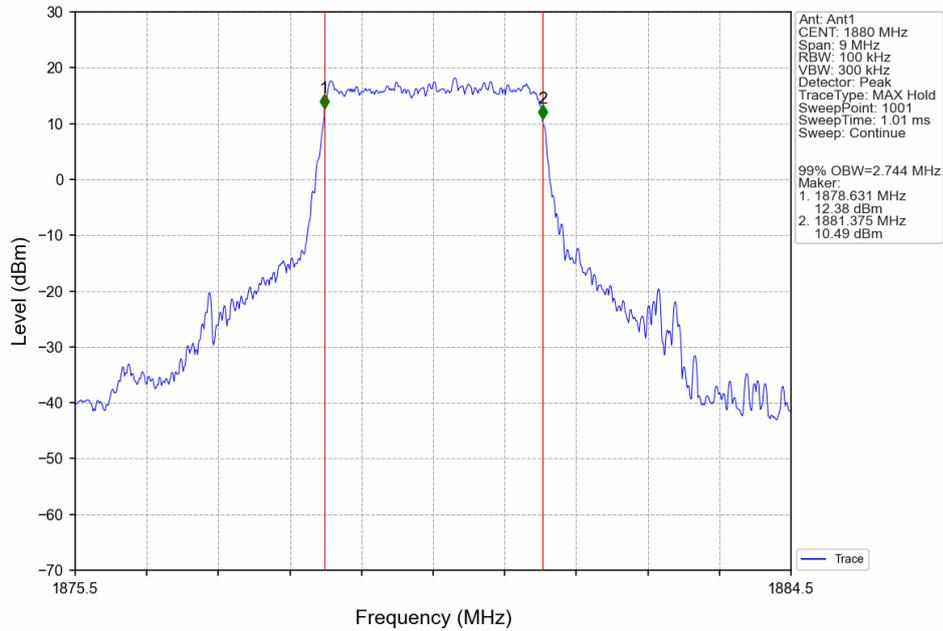




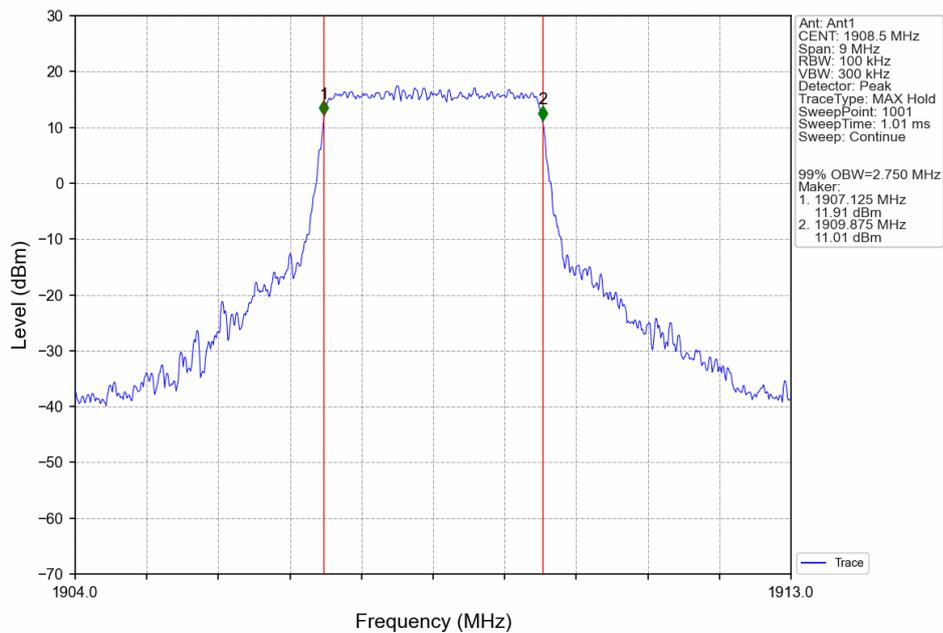
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

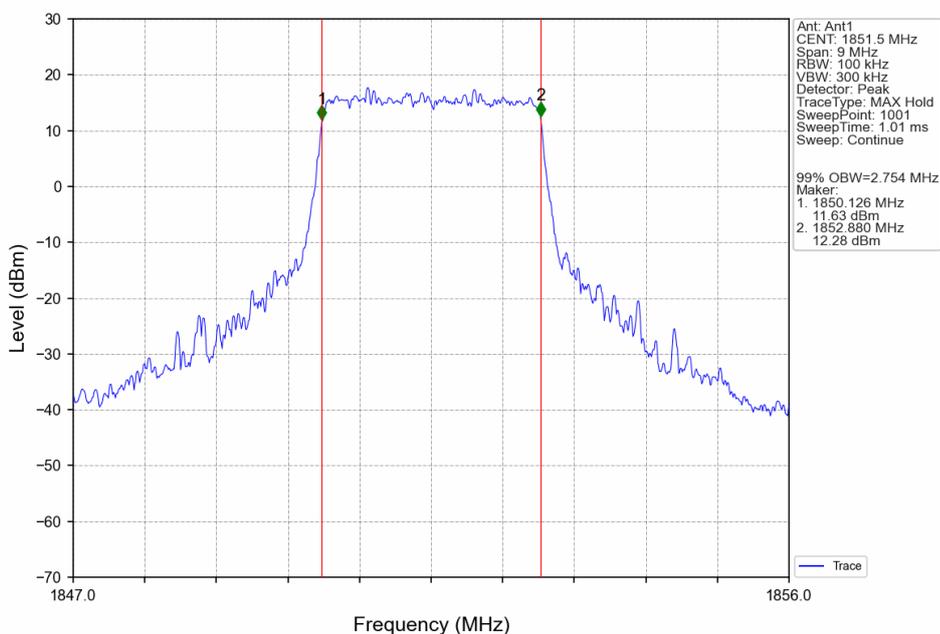
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



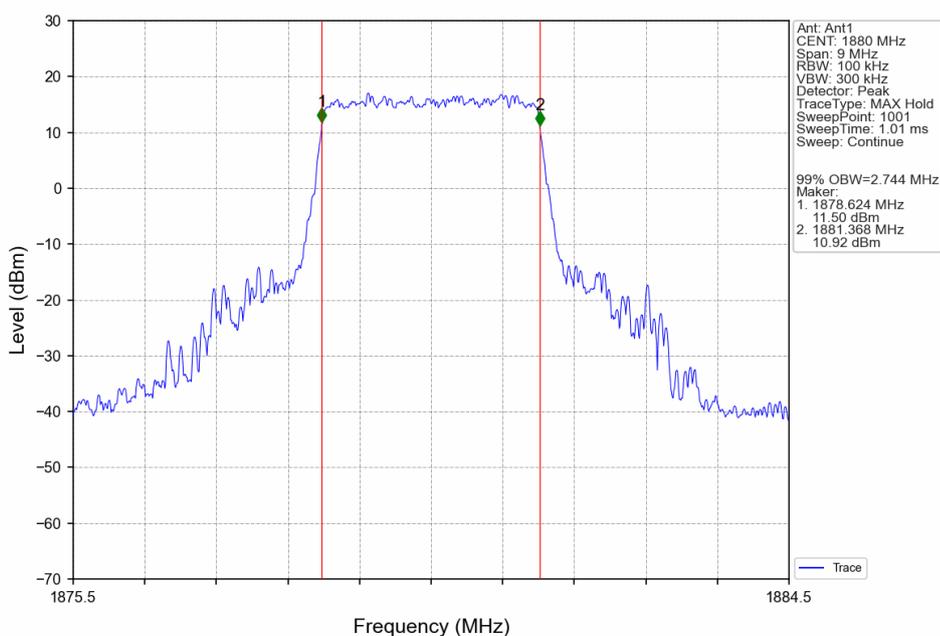
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

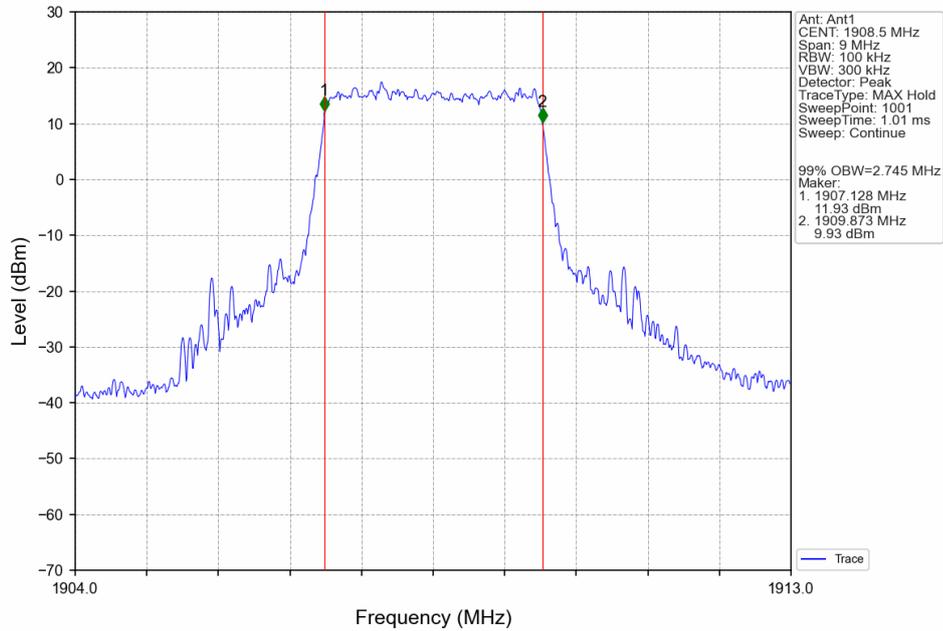




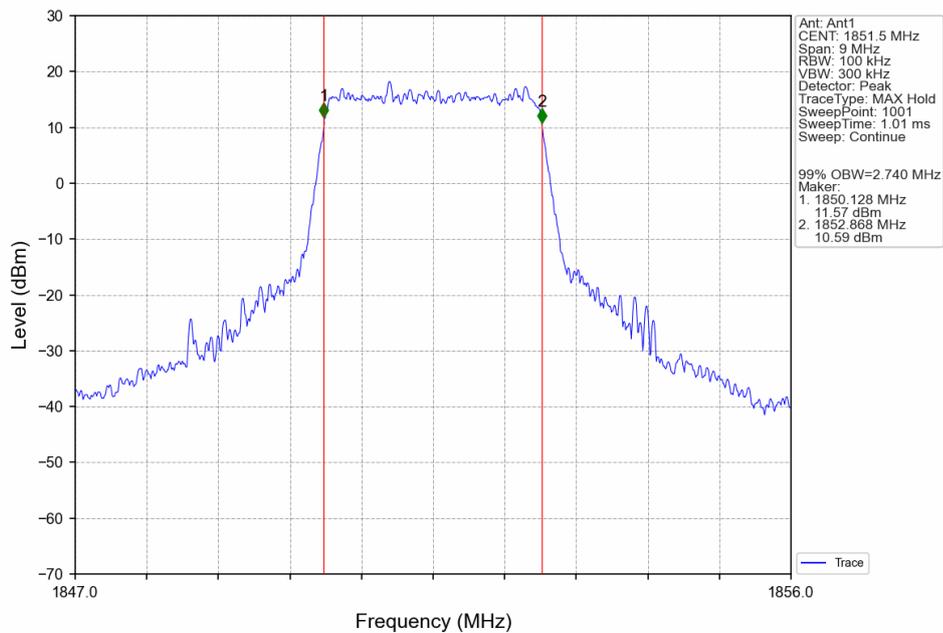
BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

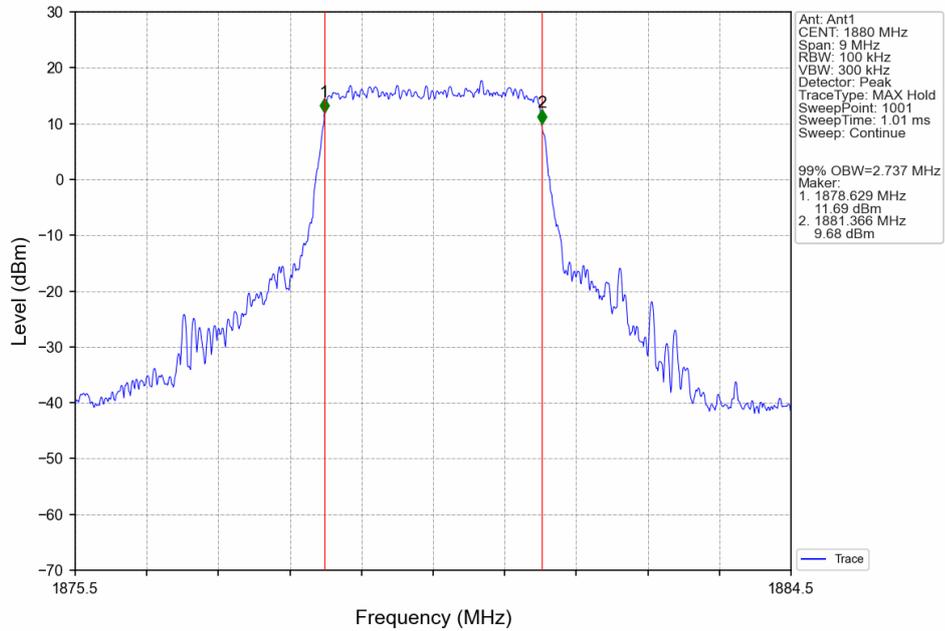




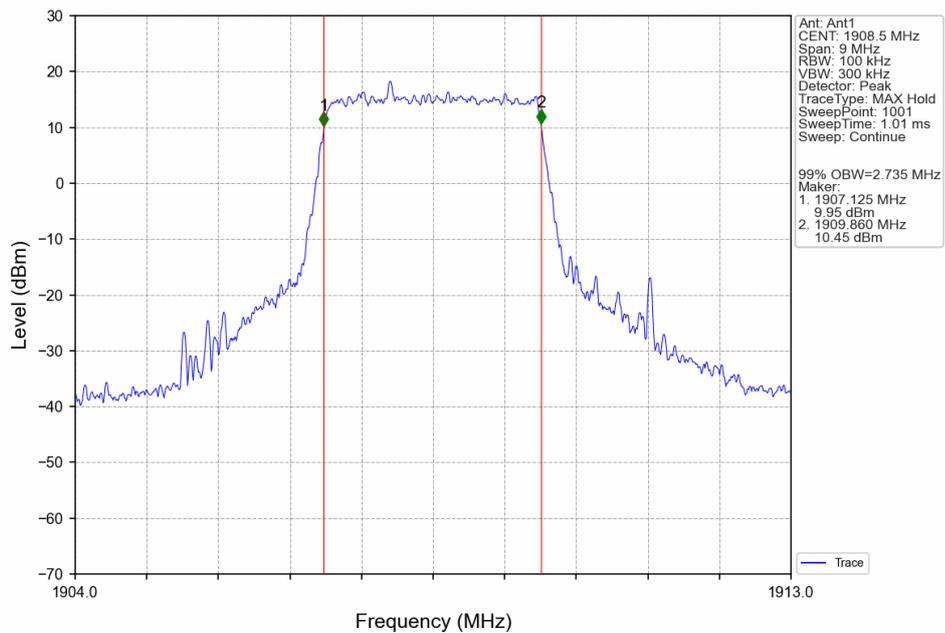
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Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

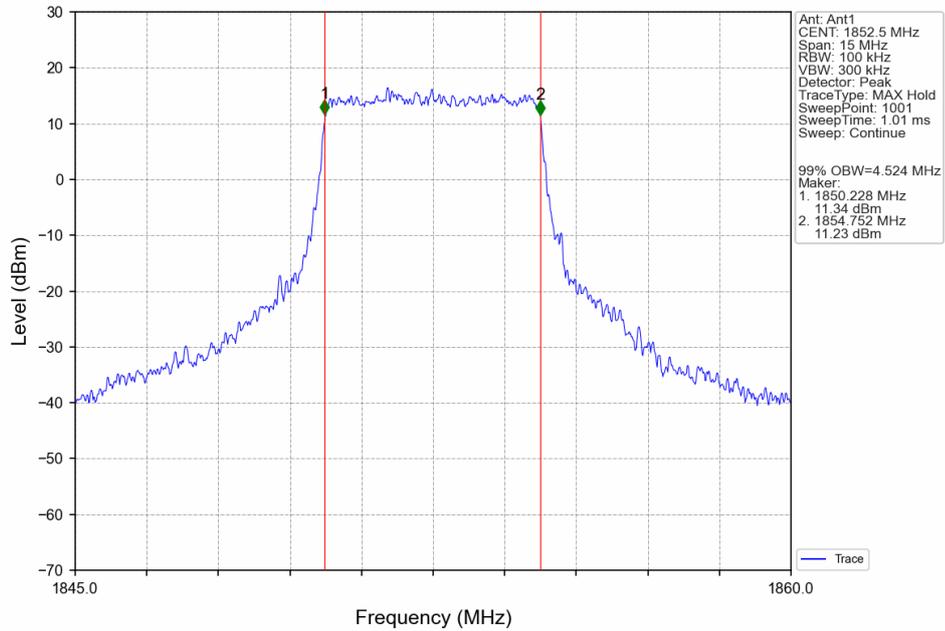




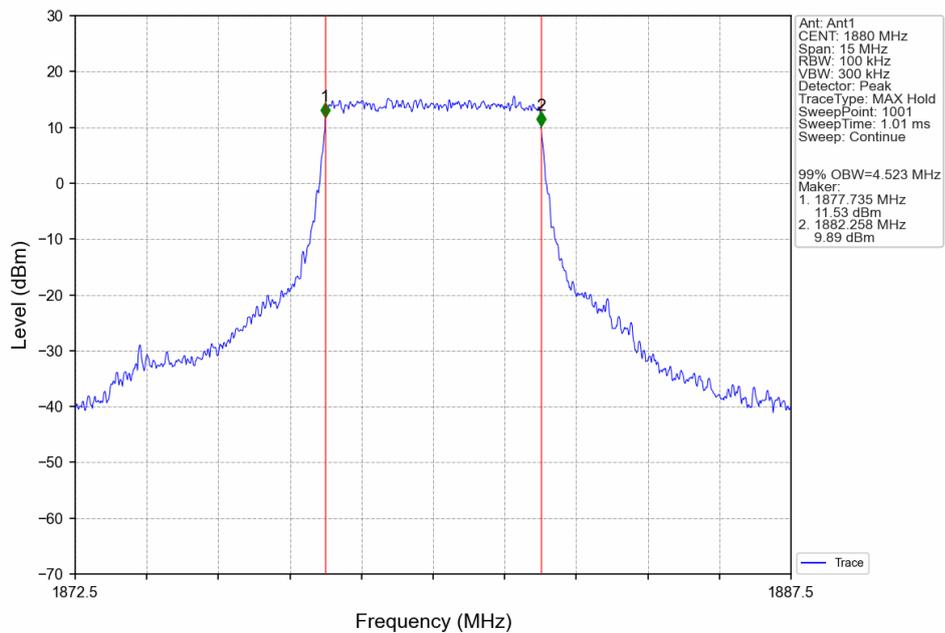
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Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

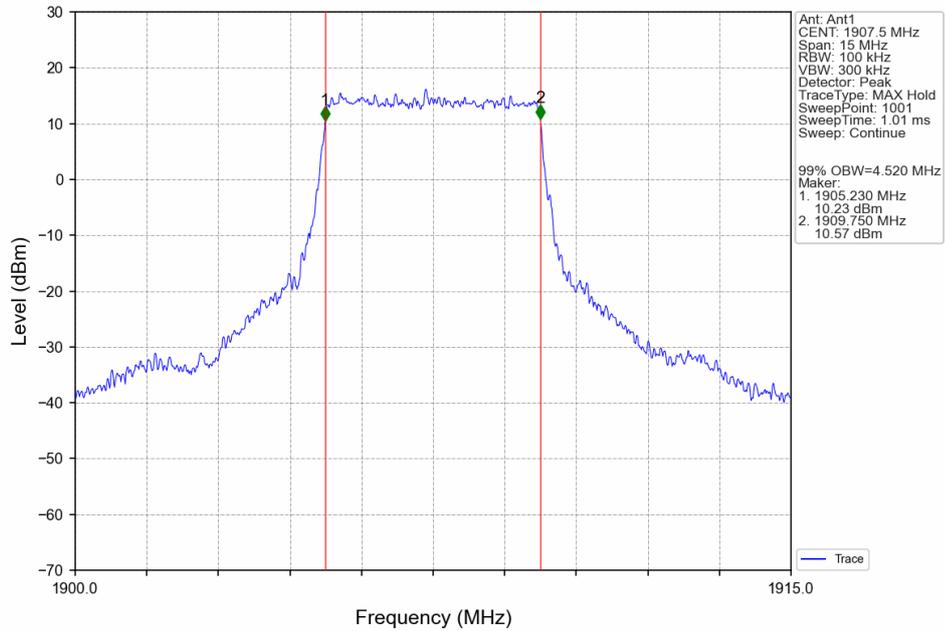




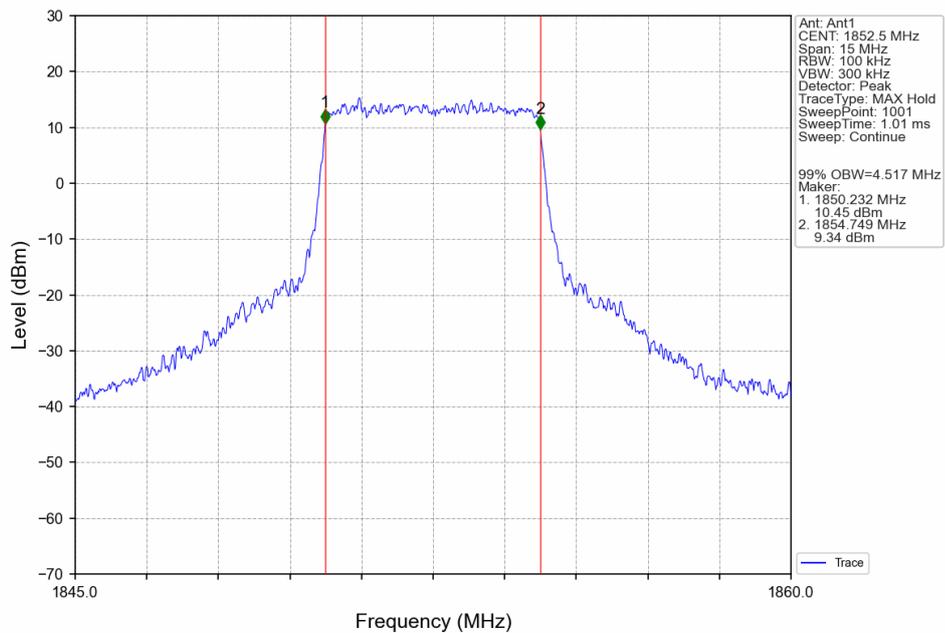
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

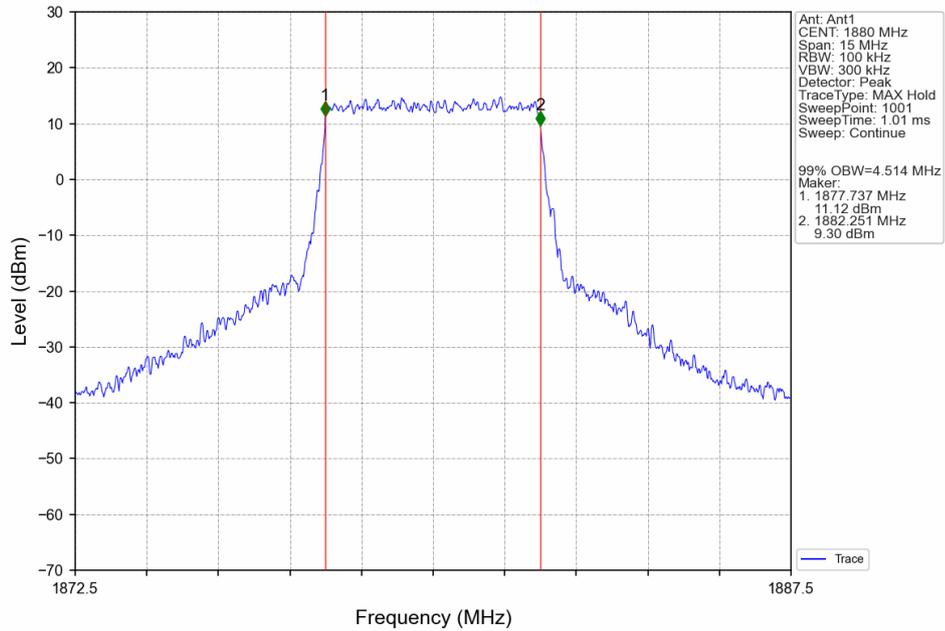




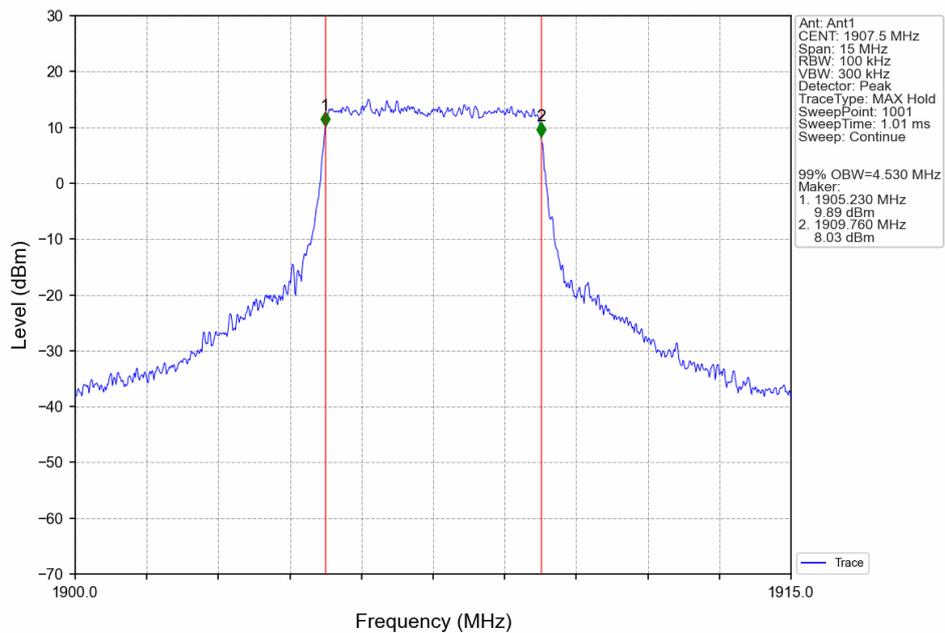
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

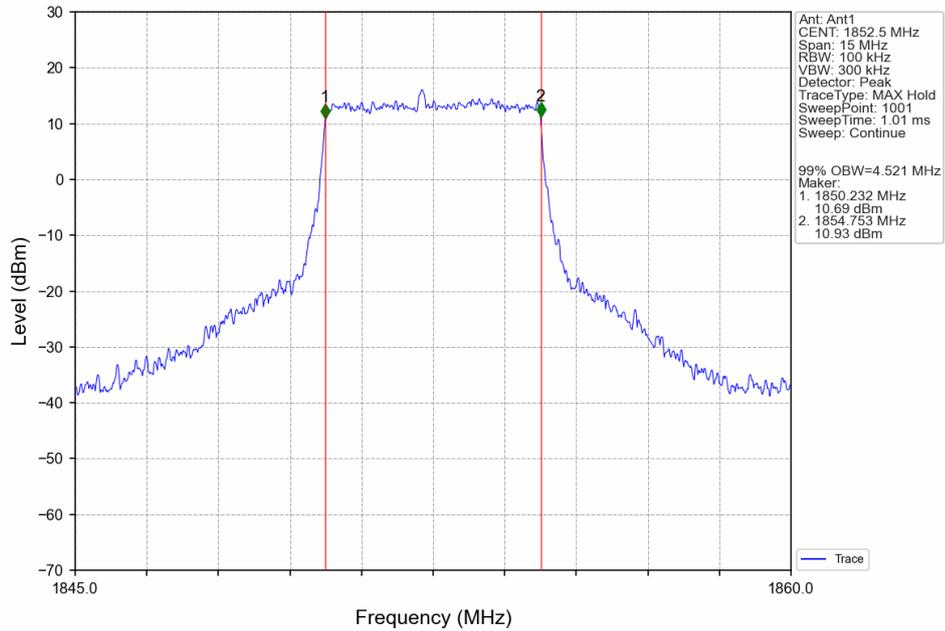




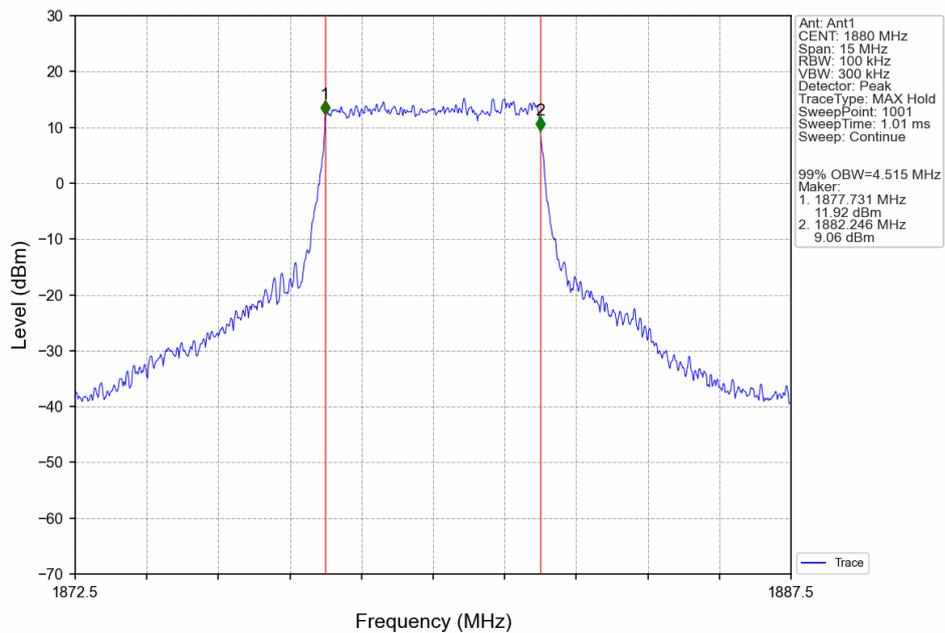
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Test Report No.: PSU-NQN2504150110RF02

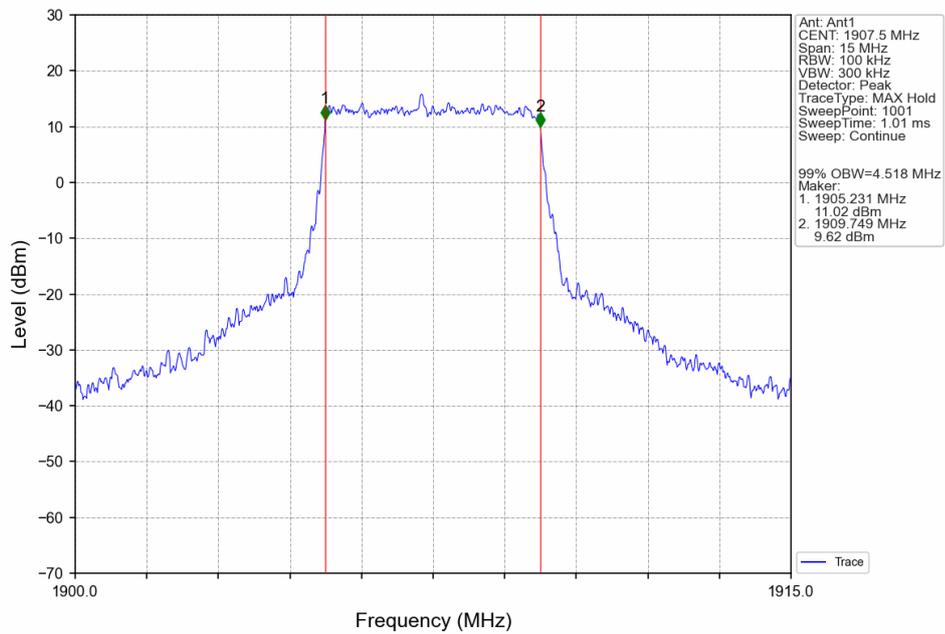
Band2_5MHz_64QAM_LCH_1852.5MHz_RB_25_0_NTNV



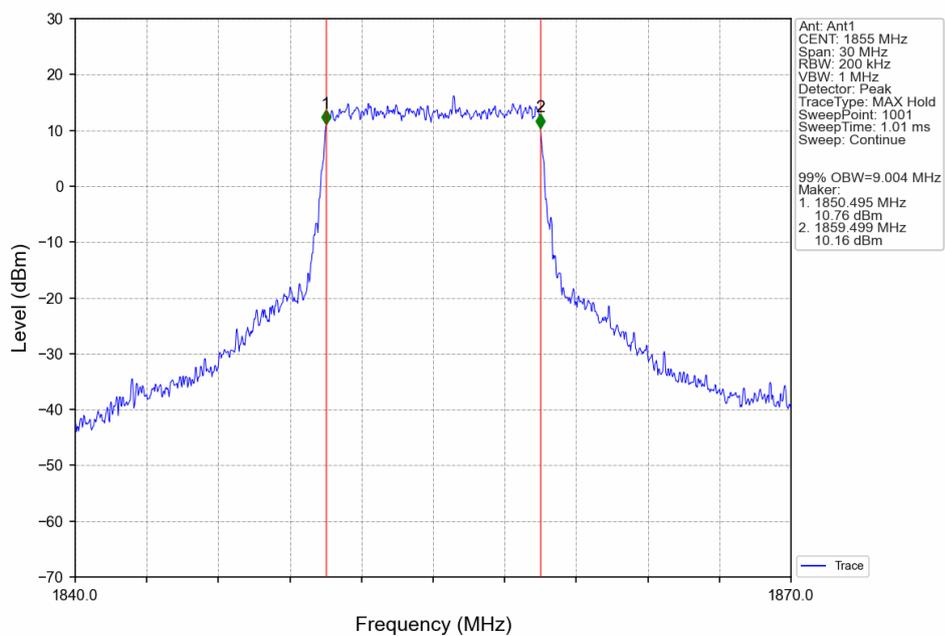
Band2_5MHz_64QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_64QAM_HCH_1907.5MHz_RB_25_0_NTNV



Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

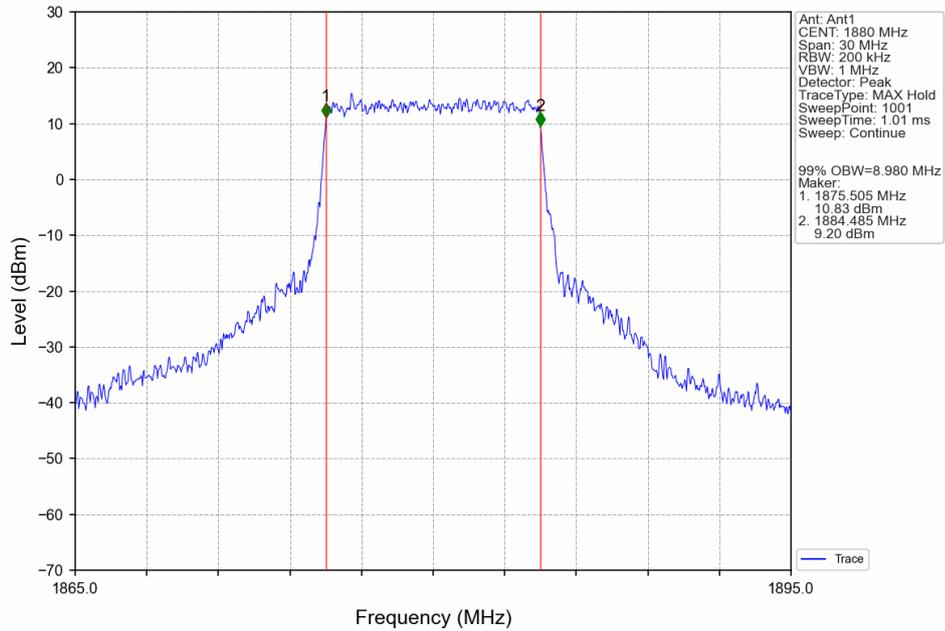




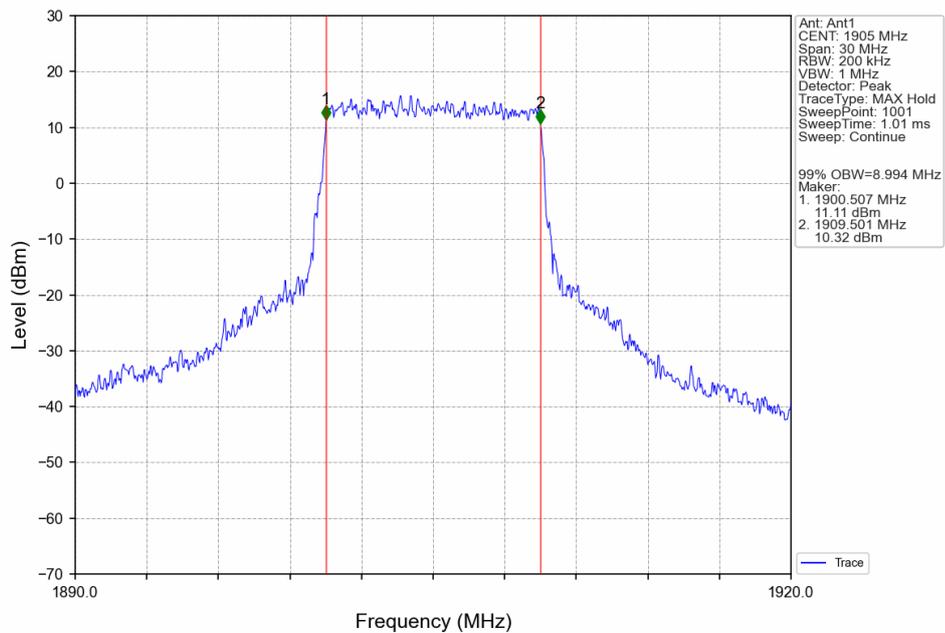
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

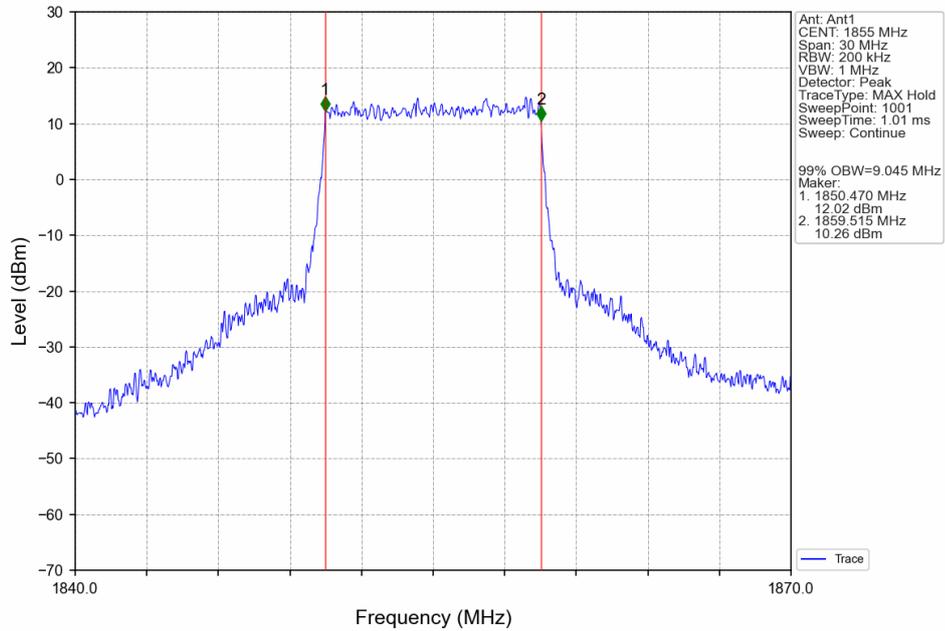




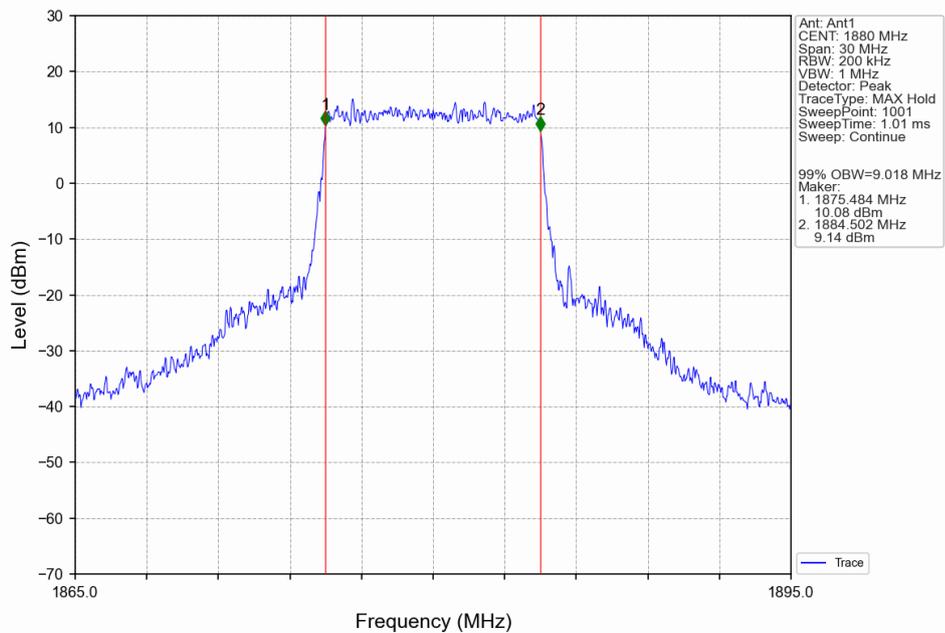
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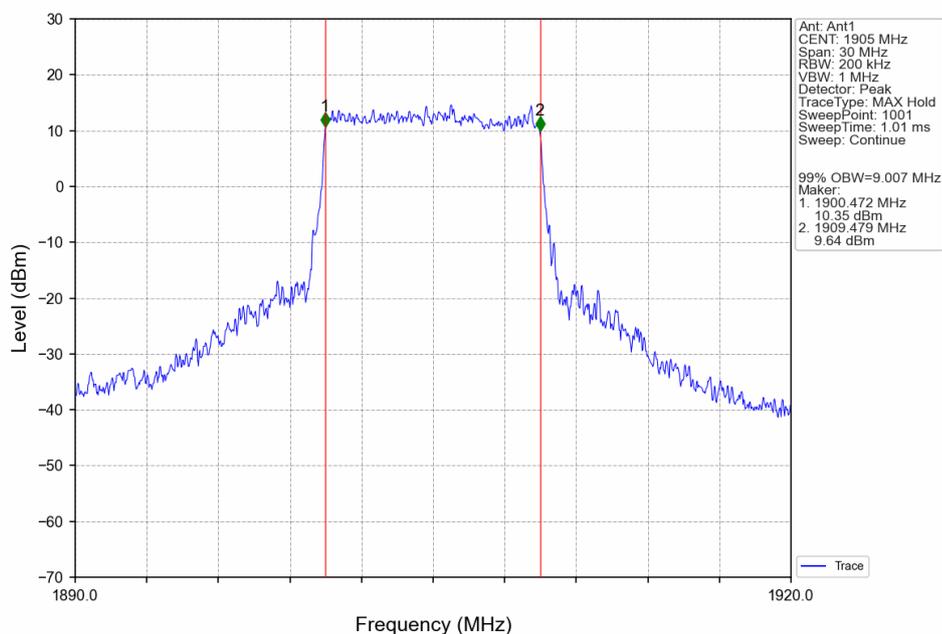
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



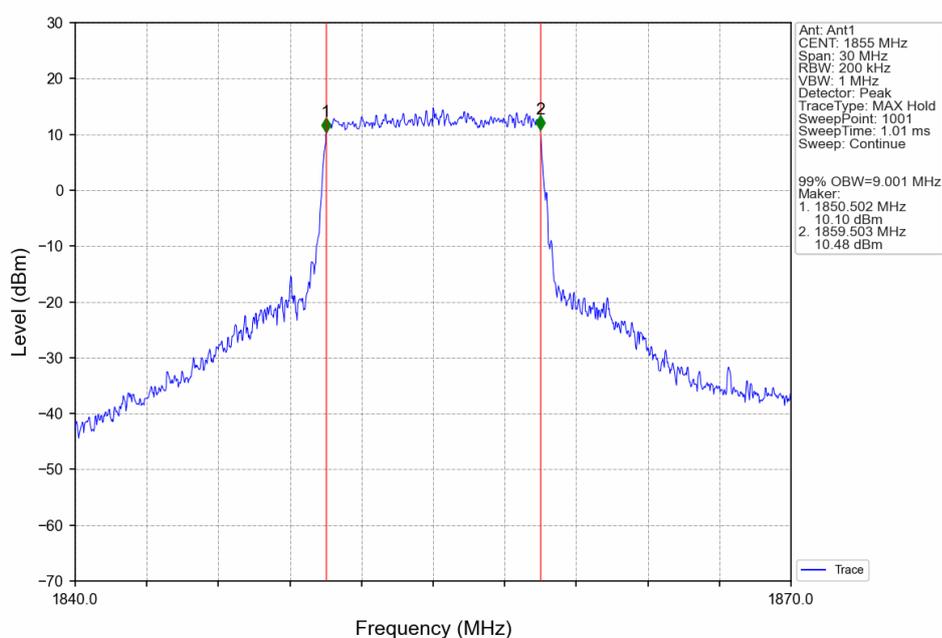
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV

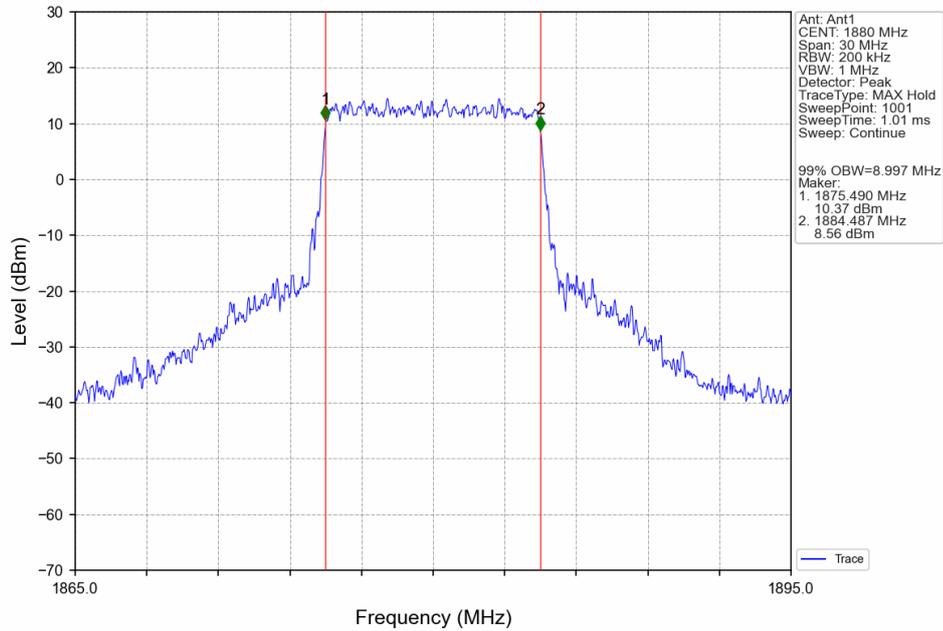




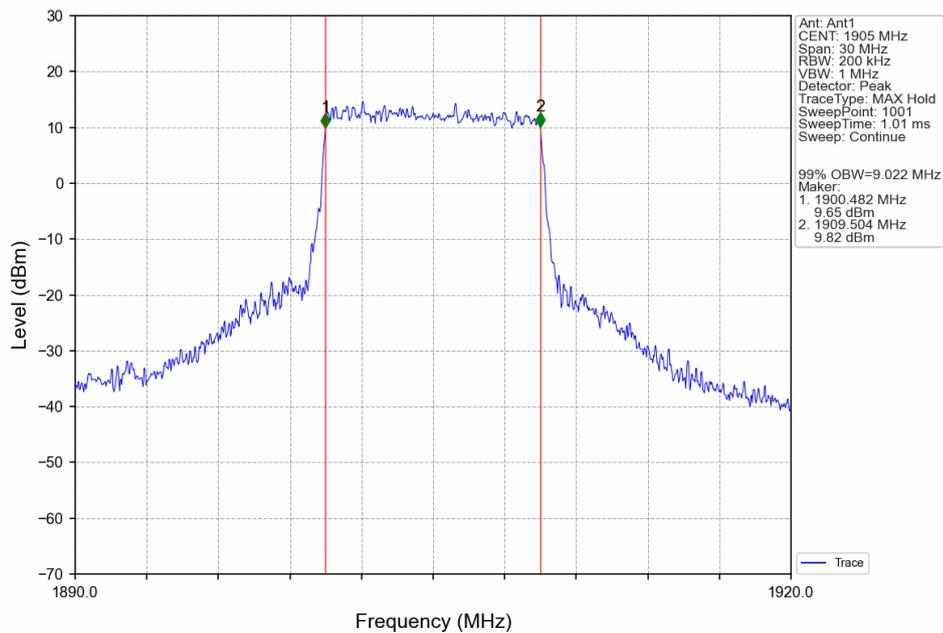
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Test Report No.: PSU-NQN2504150110RF02

Band2_10MHz_64QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_64QAM_HCH_1905MHz_RB_50_0_NTNV

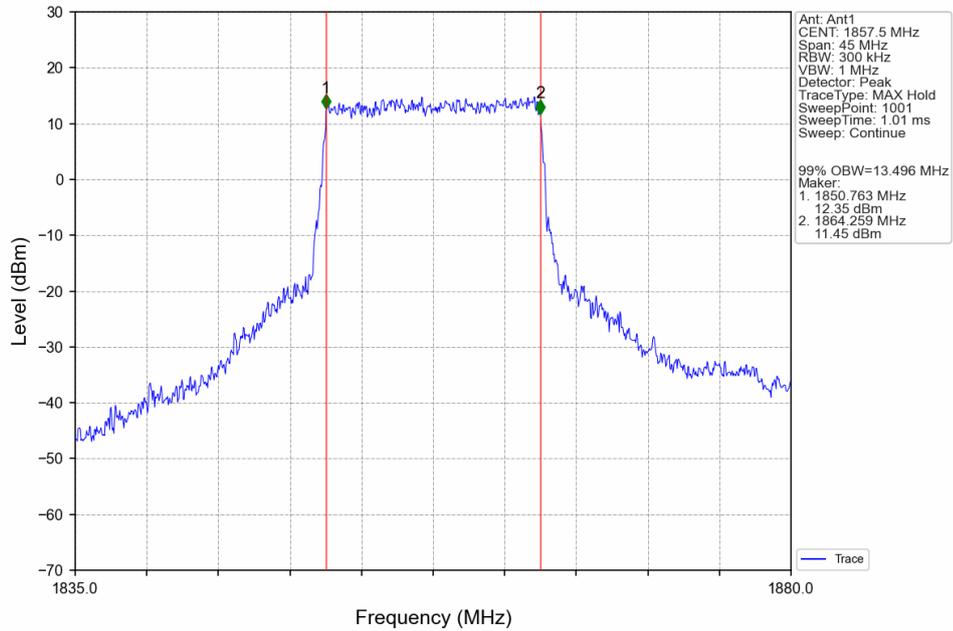




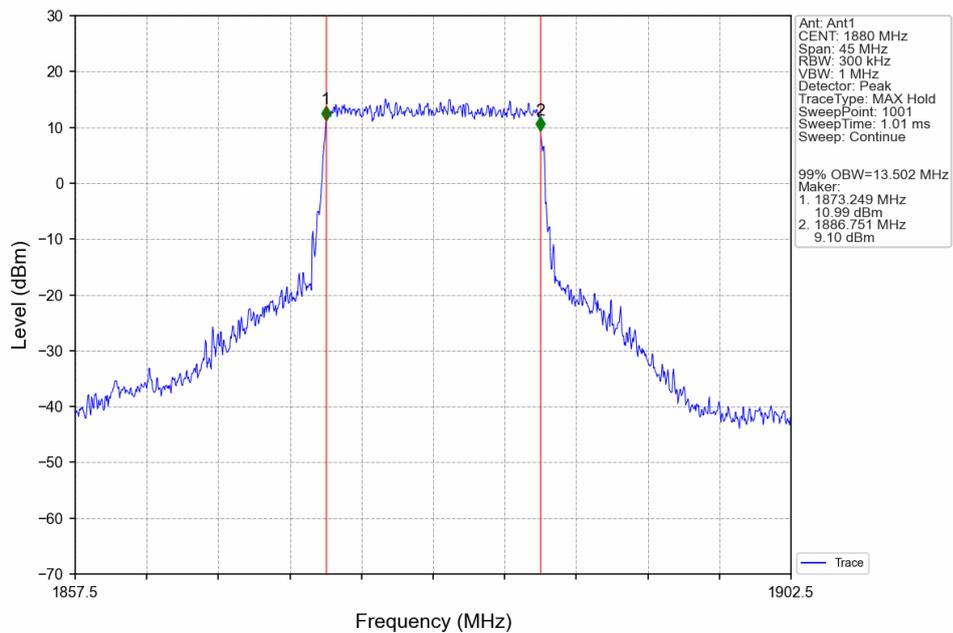
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

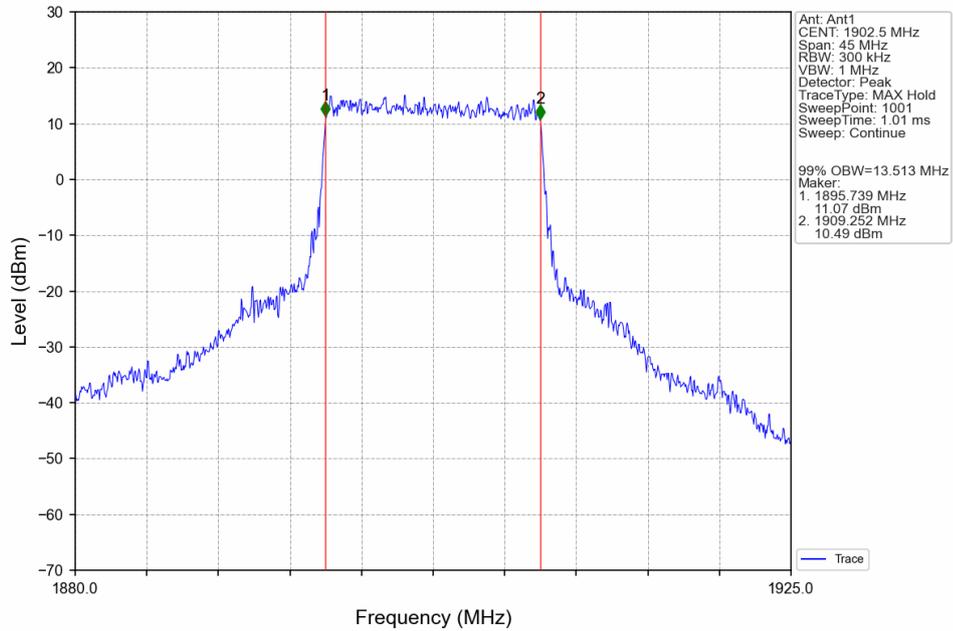




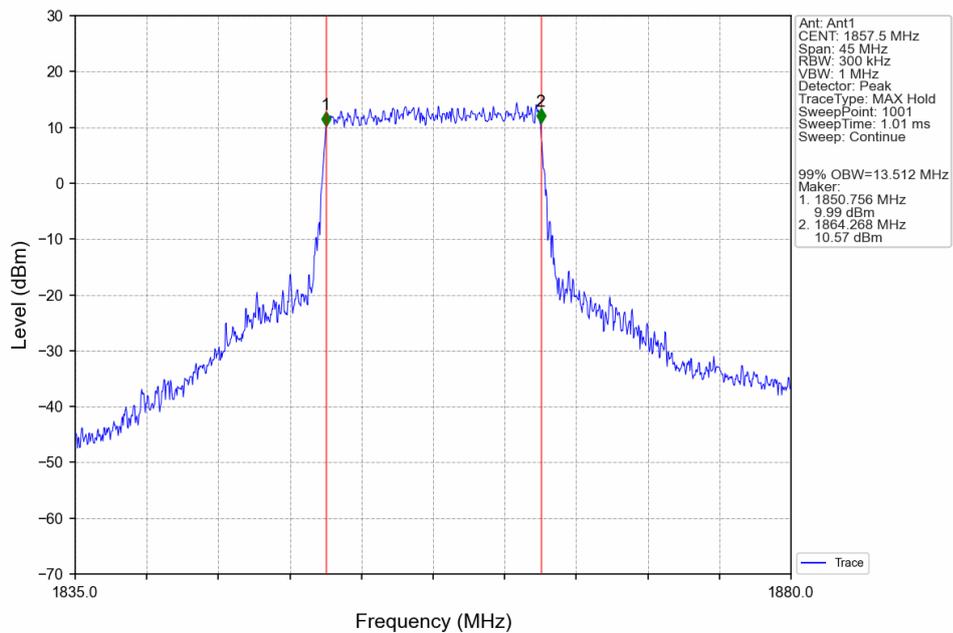
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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

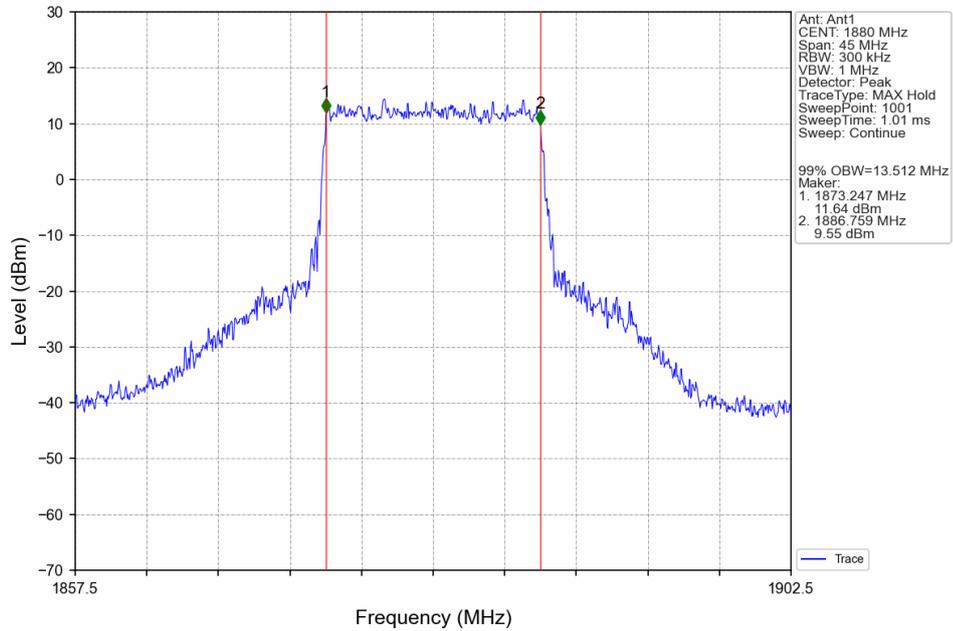




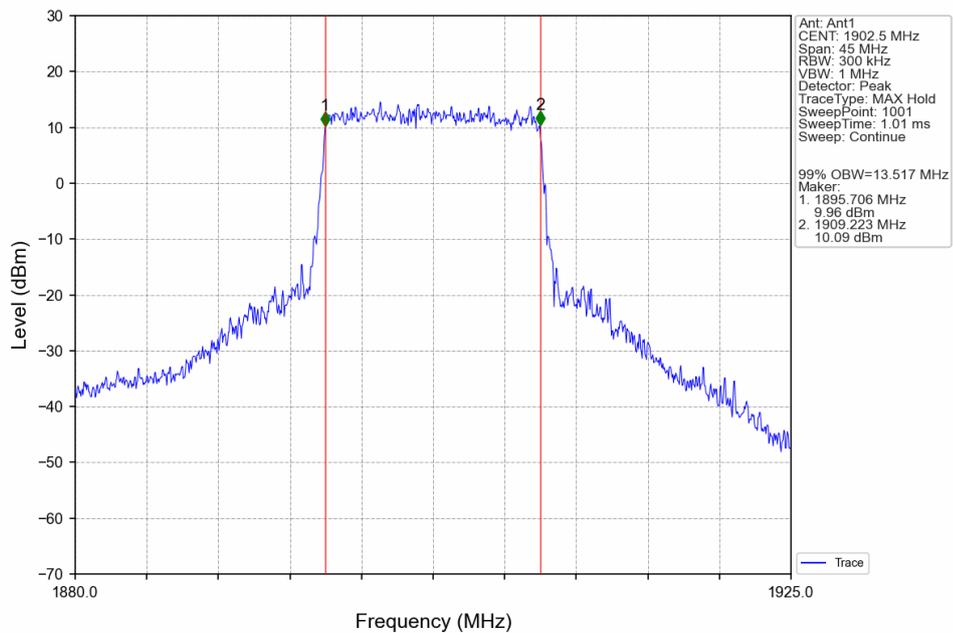
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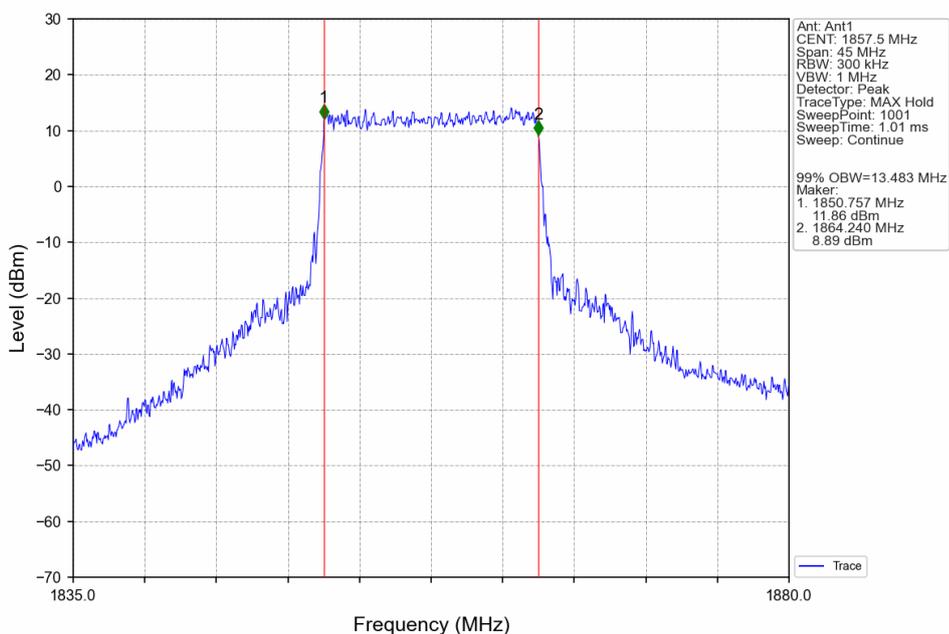
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



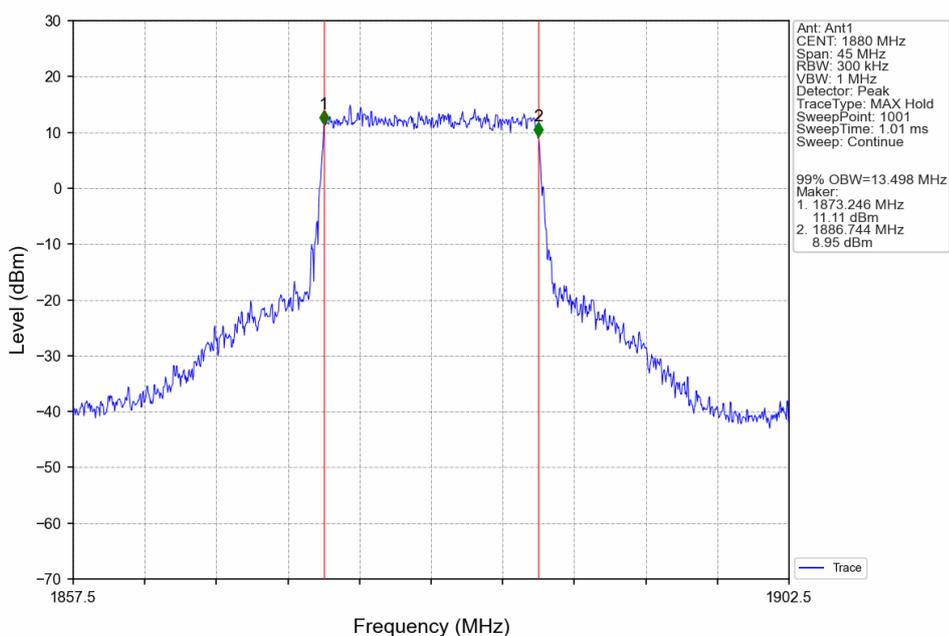
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_64QAM_MCH_1880MHz_RB_75_0_NTNV

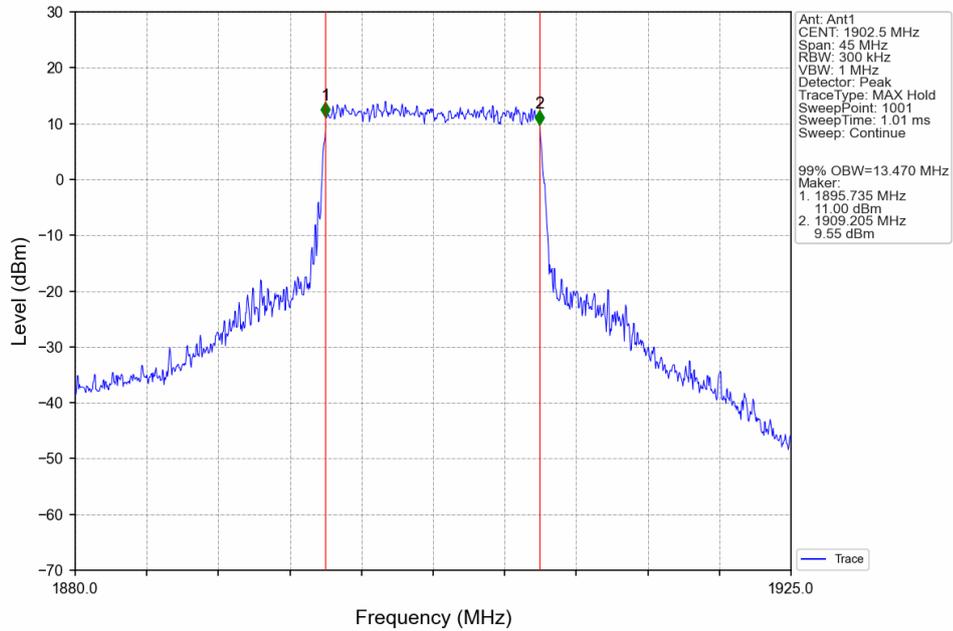




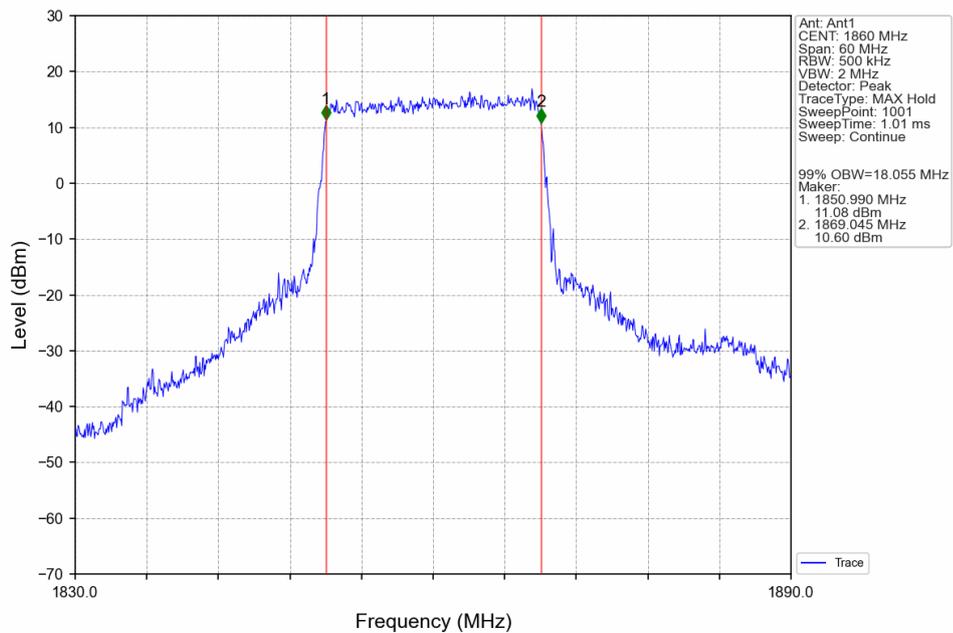
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Test Report No.: PSU-NQN2504150110RF02

Band2_15MHz_64QAM_HCH_1902.5MHz_RB_75_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

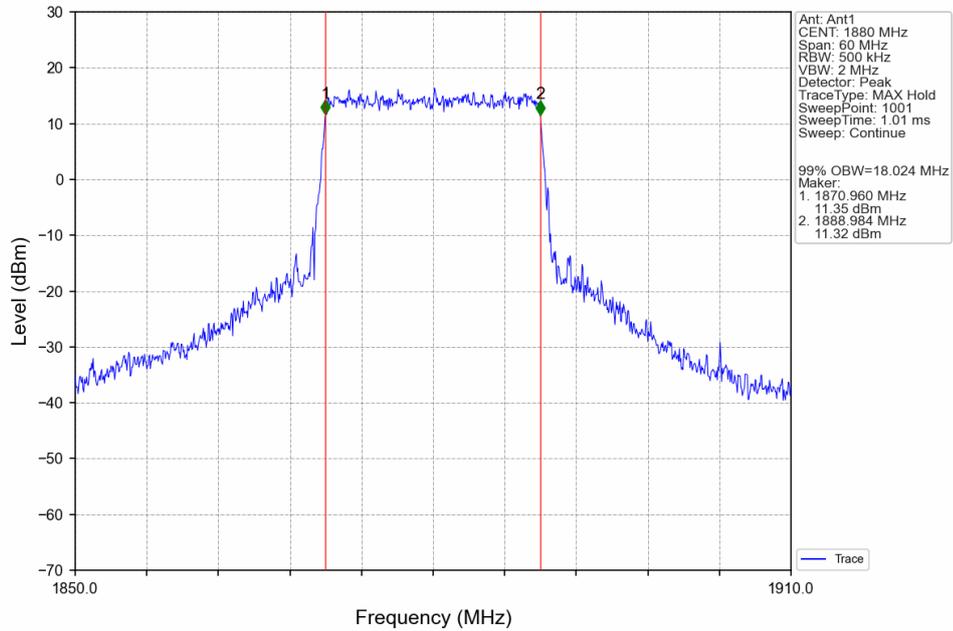




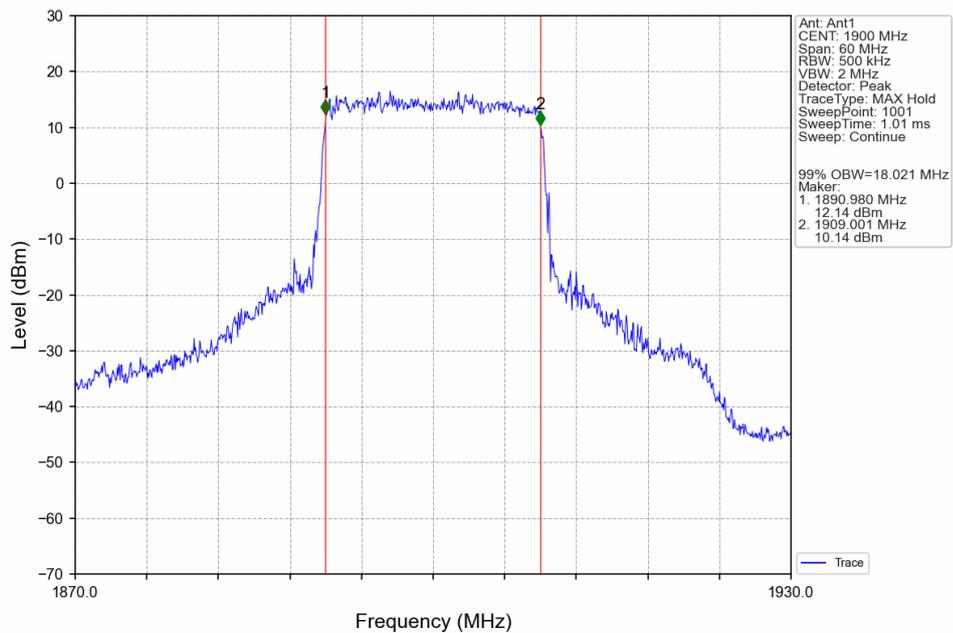
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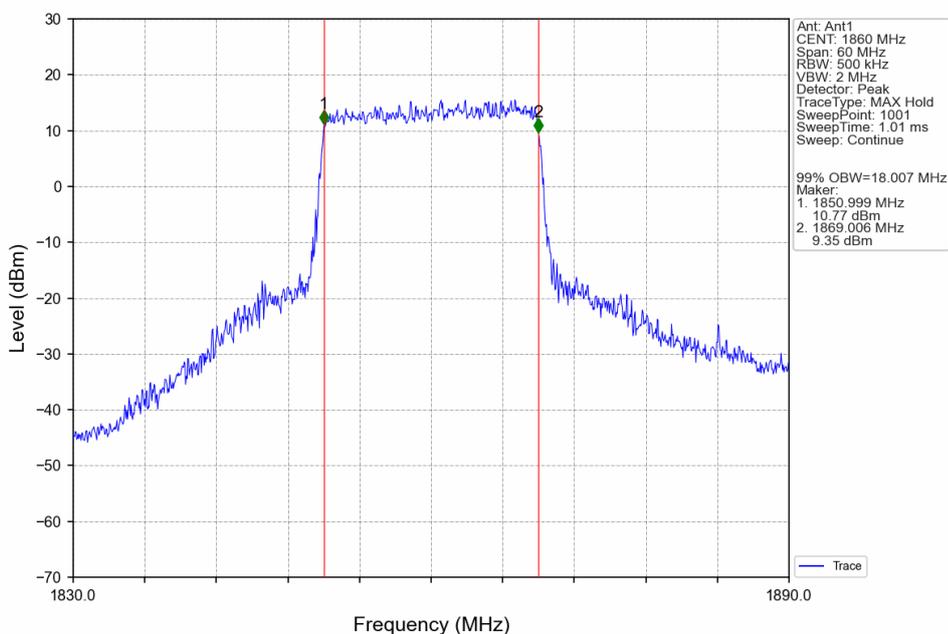
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



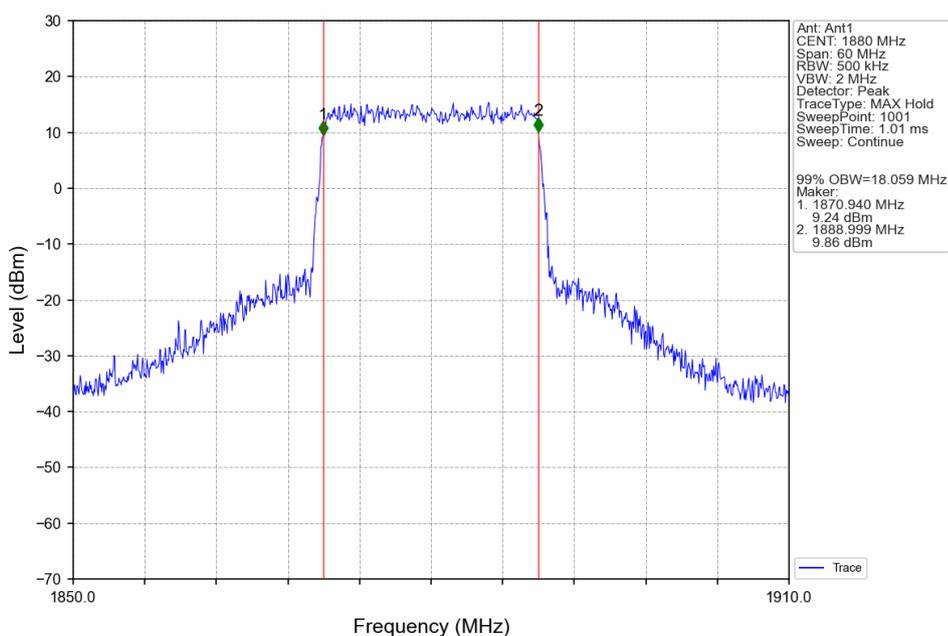
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV

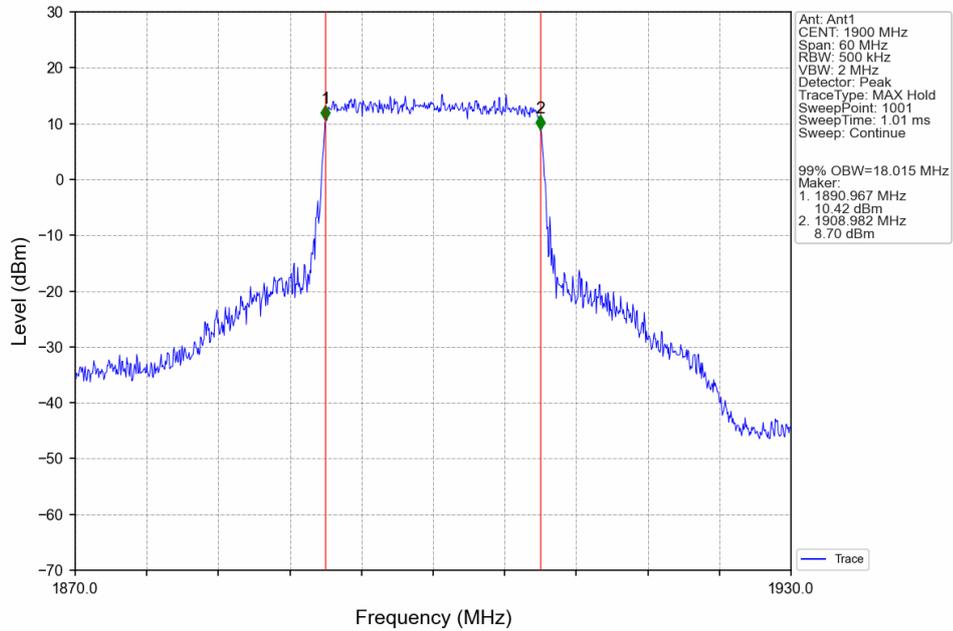




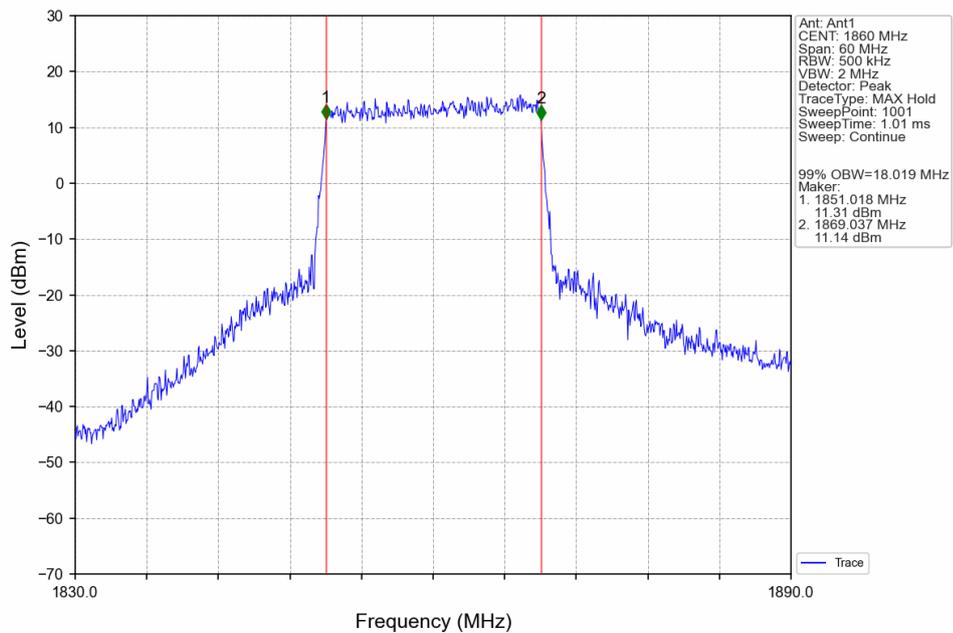
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Test Report No.: PSU-NQN2504150110RF02

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

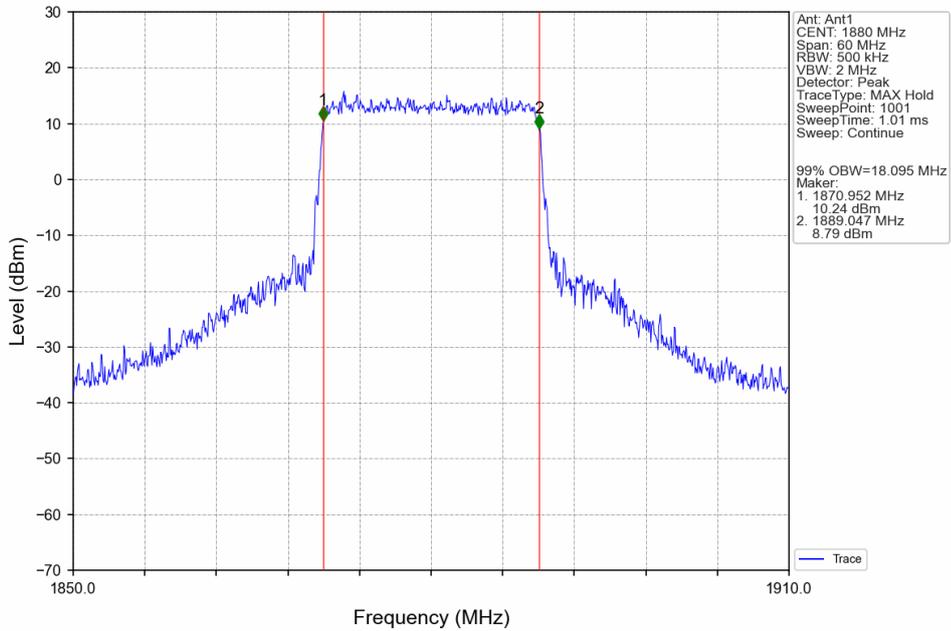




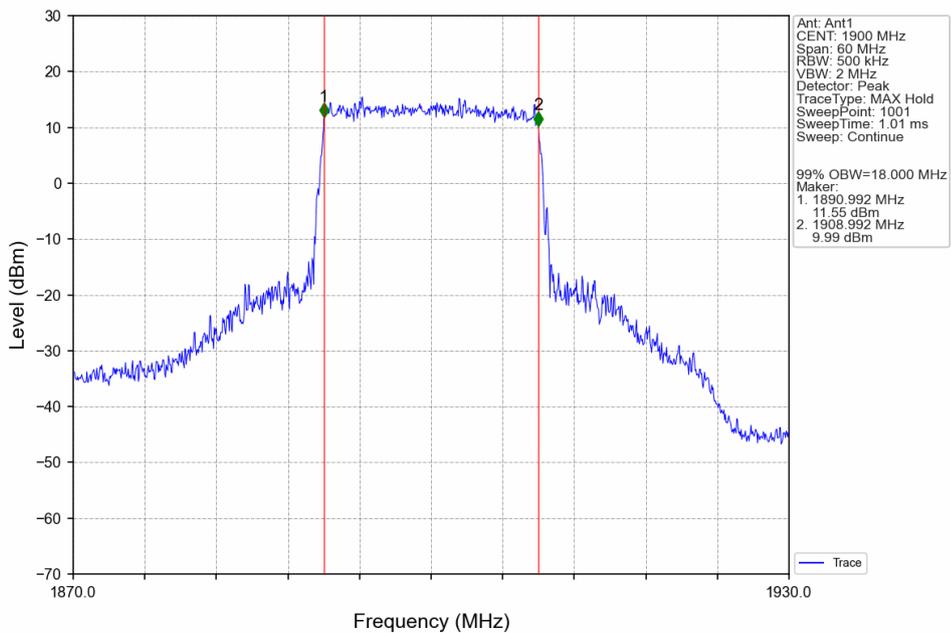
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Test Report No.: PSU-NQN2504150110RF02

Band2_20MHz_64QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



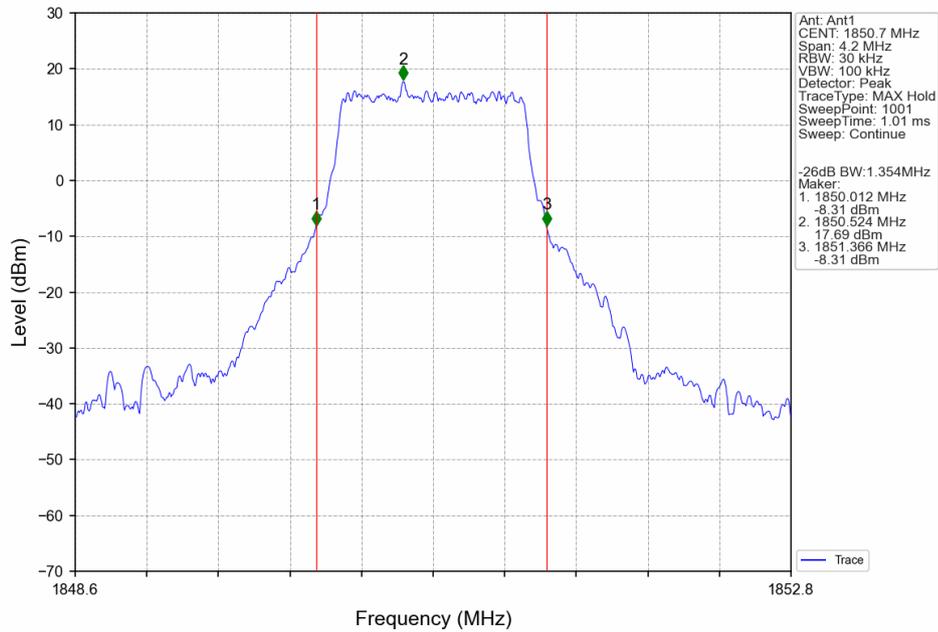


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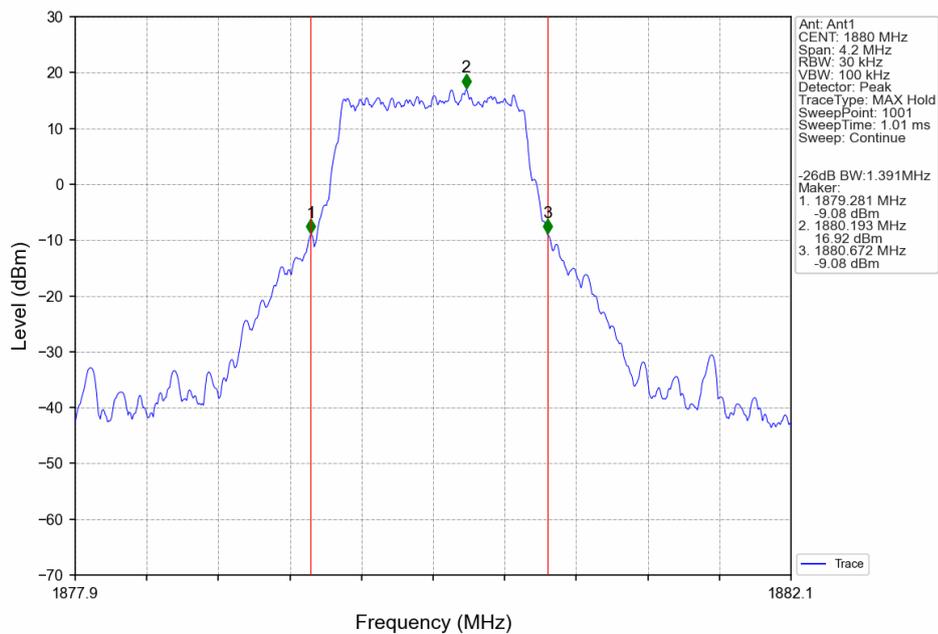
Test Report No.: PSU-NQN2504150110RF02

26dB Bandwidth

Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

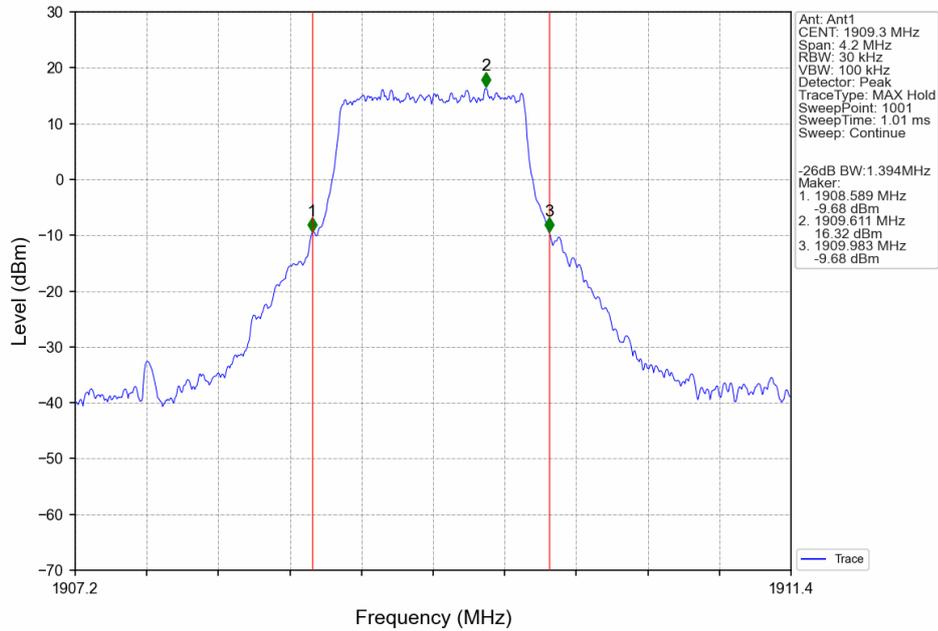




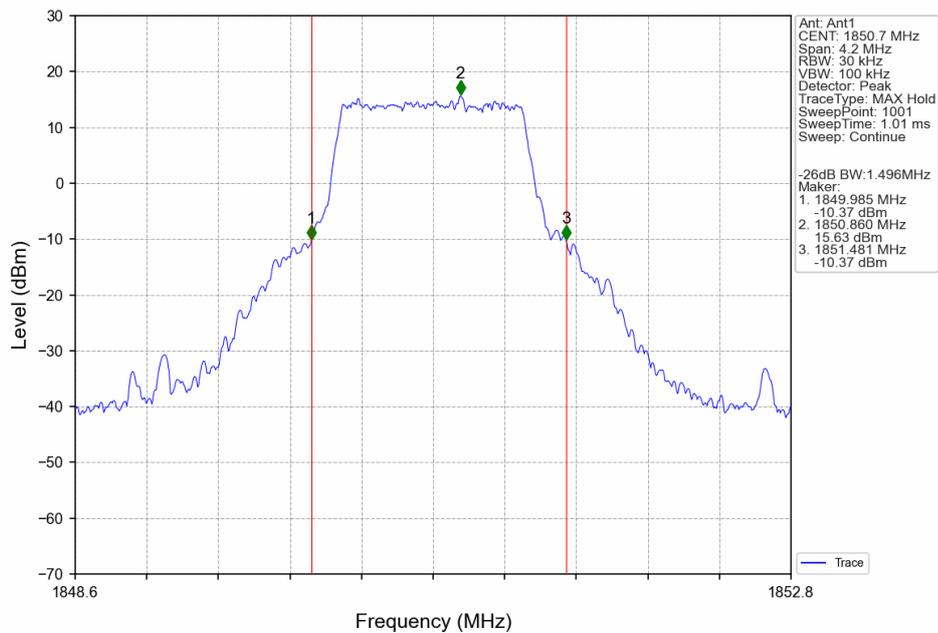
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

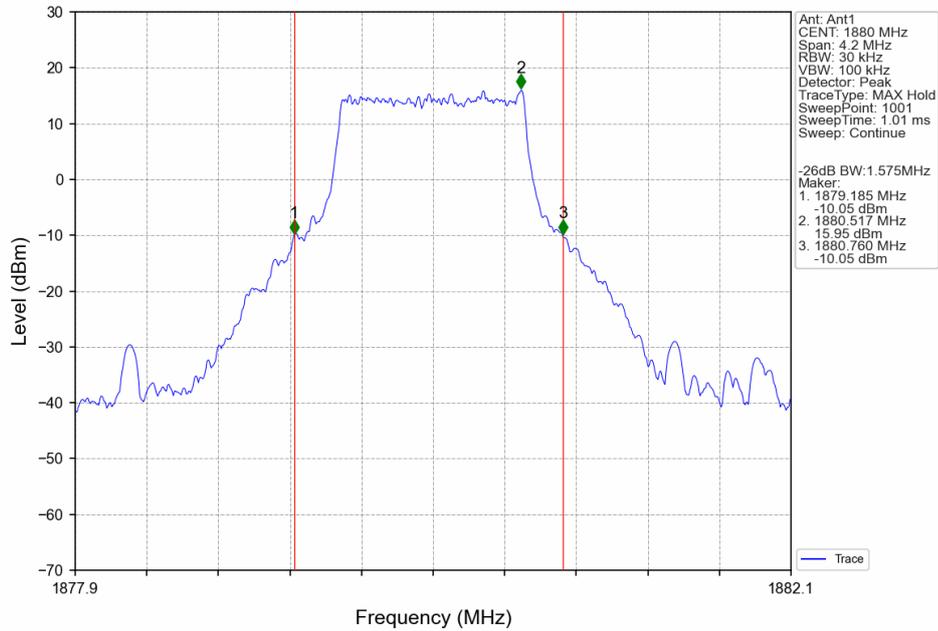




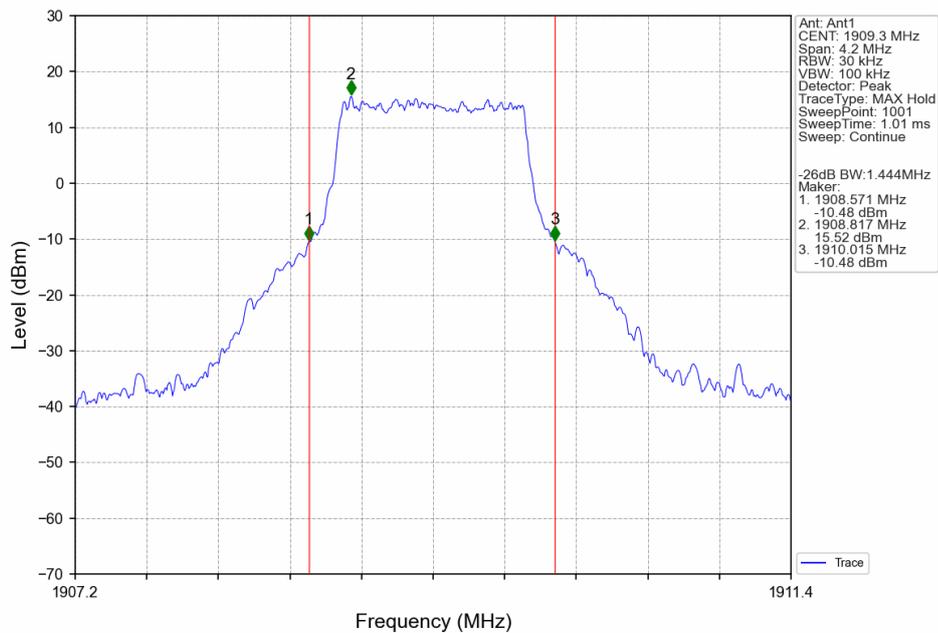
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

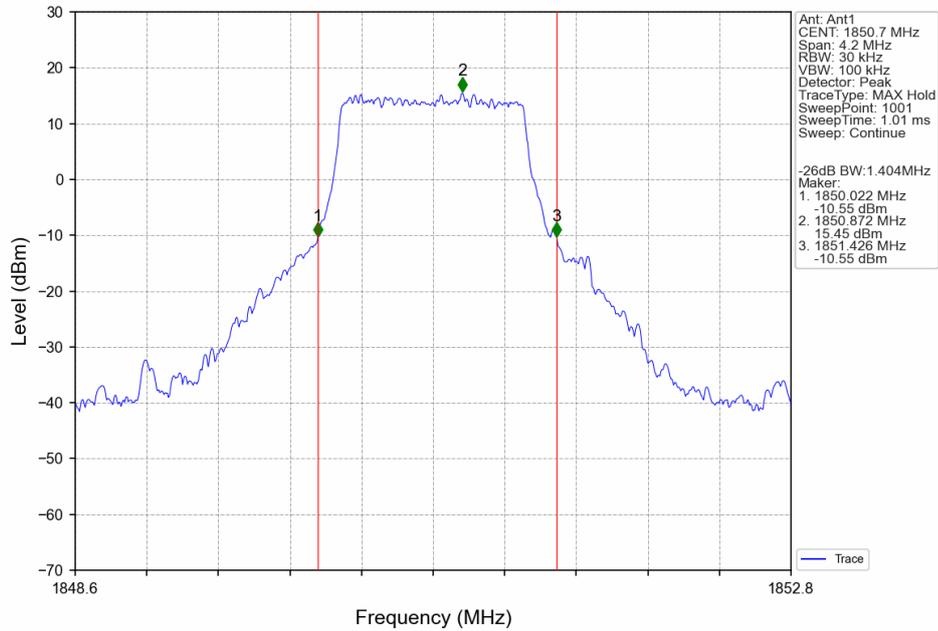




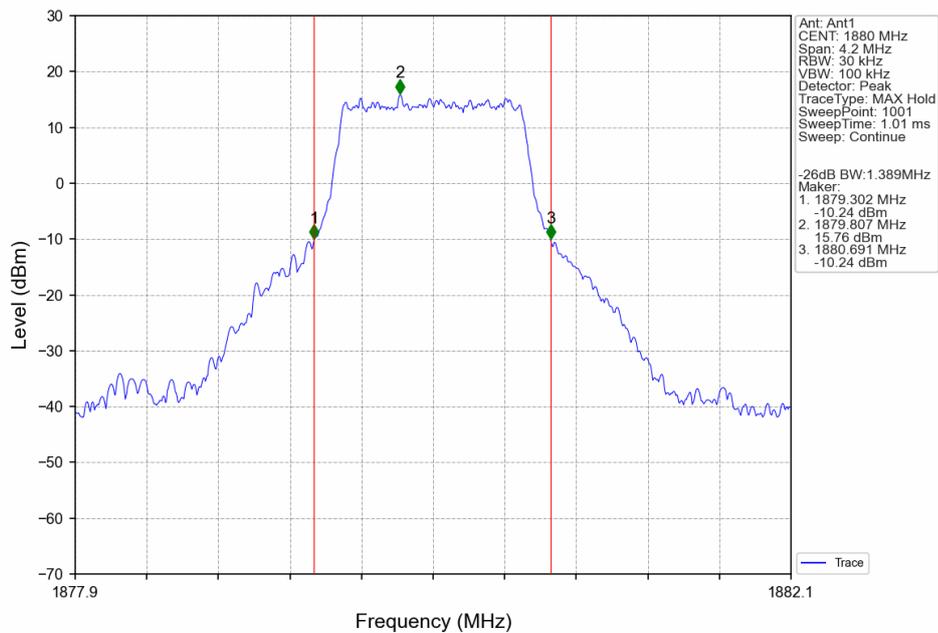
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Test Report No.: PSU-NQN2504150110RF02

Band2_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_64QAM_MCH_1880MHz_RB_6_0_NTNV

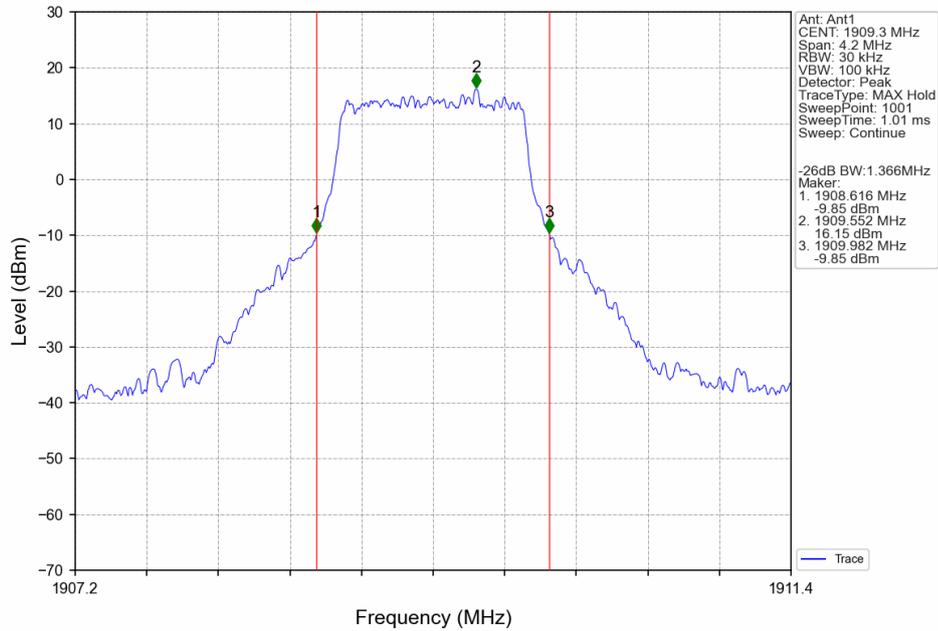




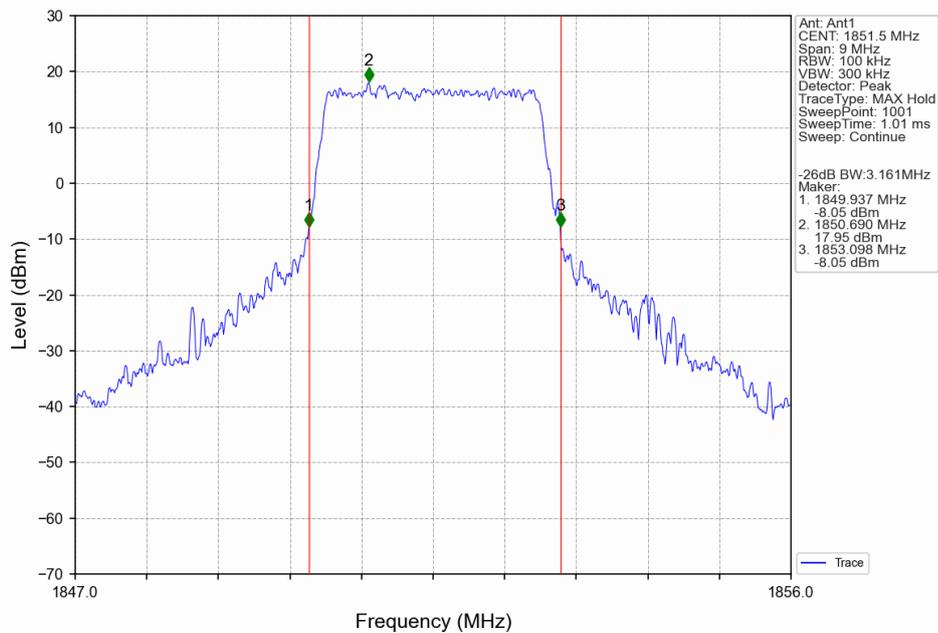
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_1.4MHz_64QAM_HCH_1909.3MHz_RB_6_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

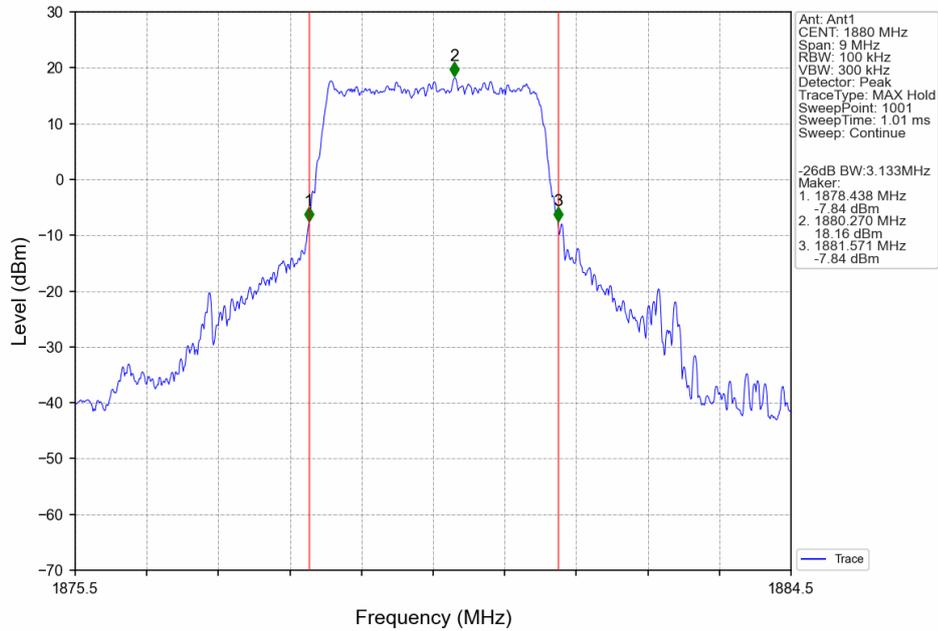




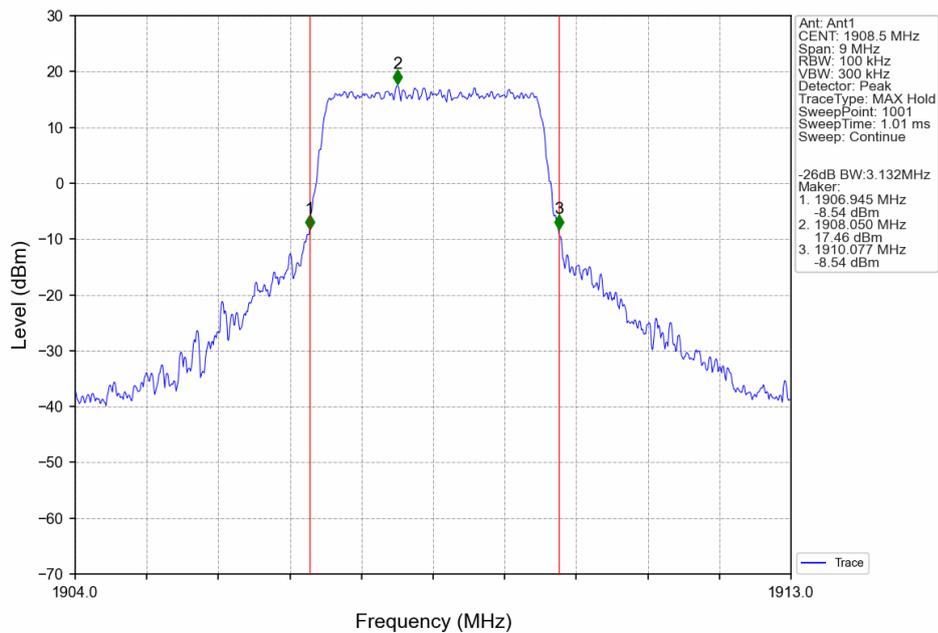
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV

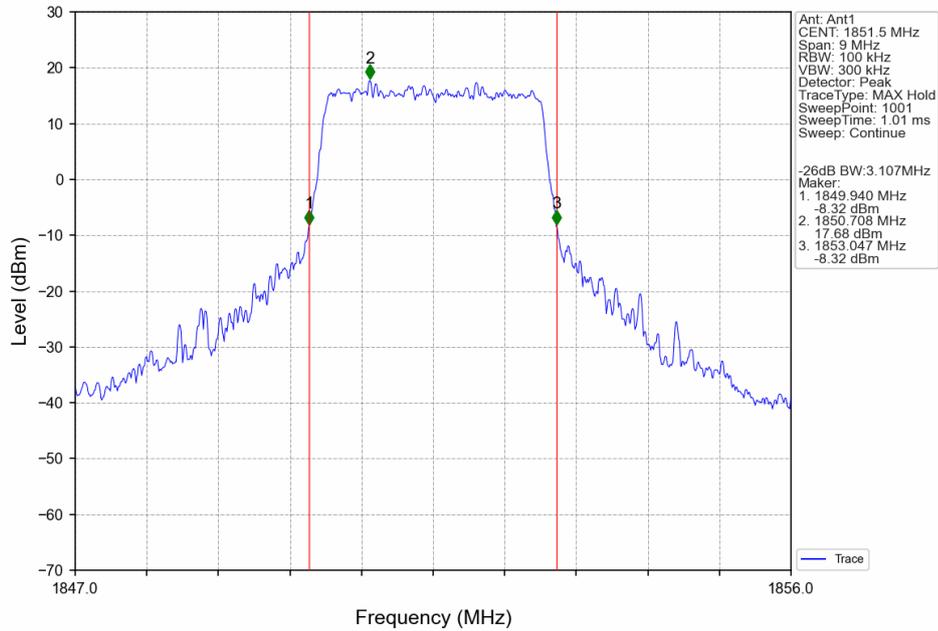




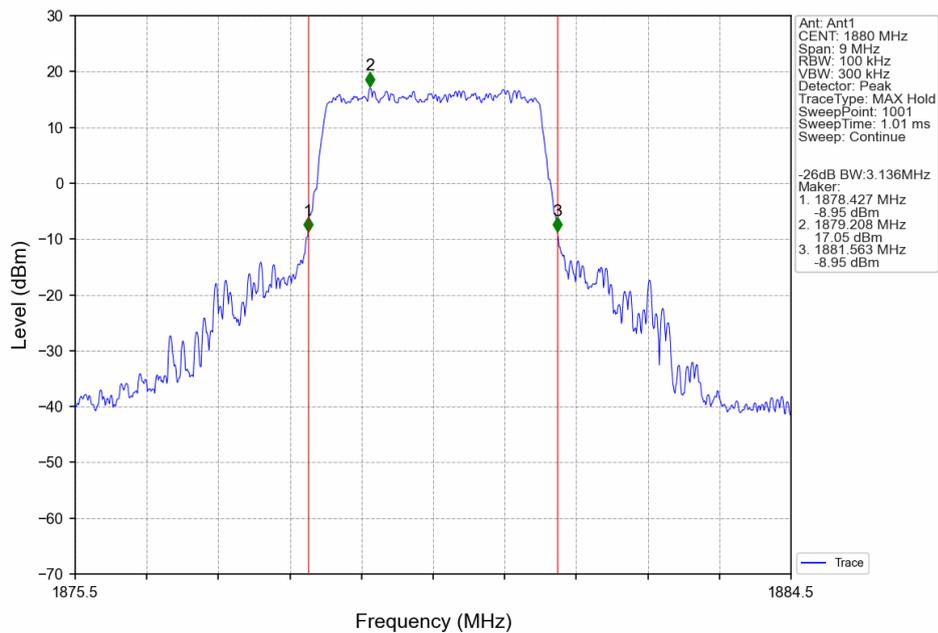
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV

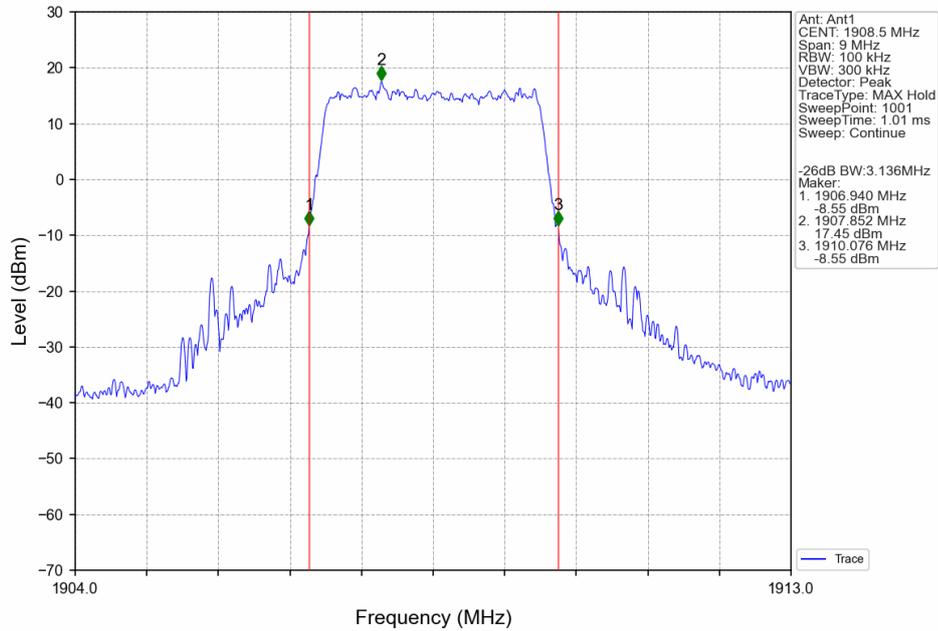




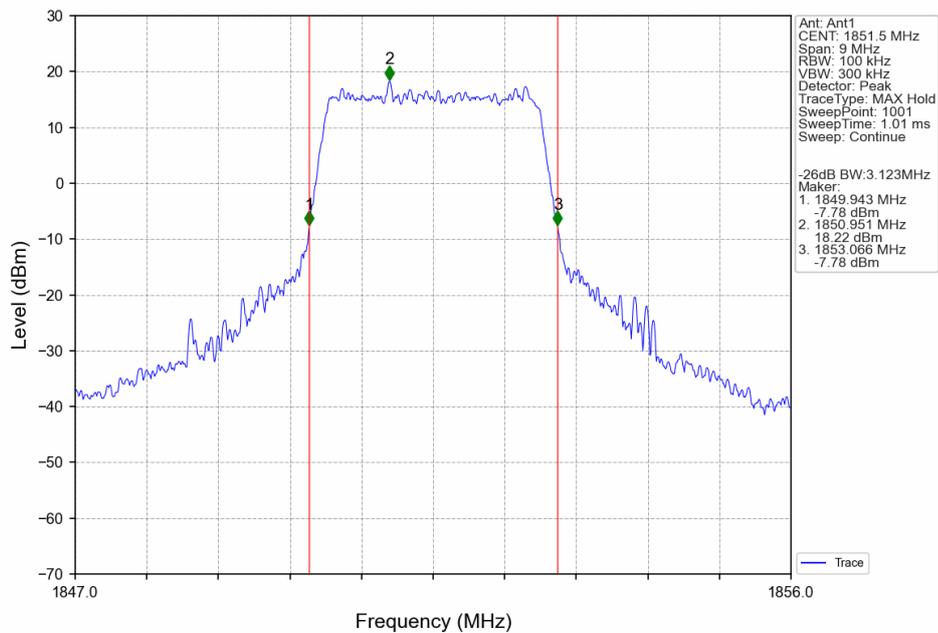
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV

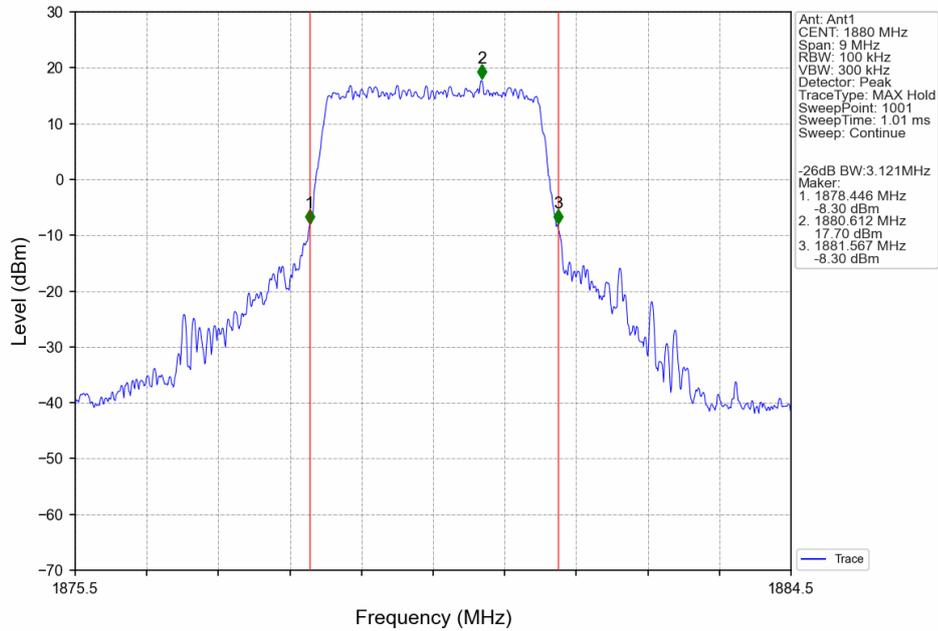




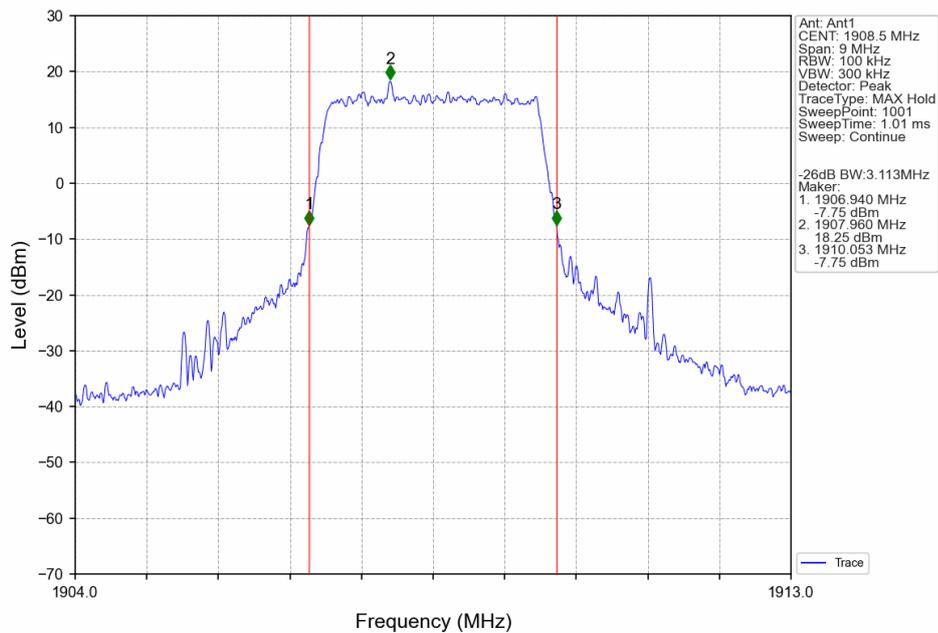
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_3MHz_64QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_64QAM_HCH_1908.5MHz_RB_15_0_NTNV

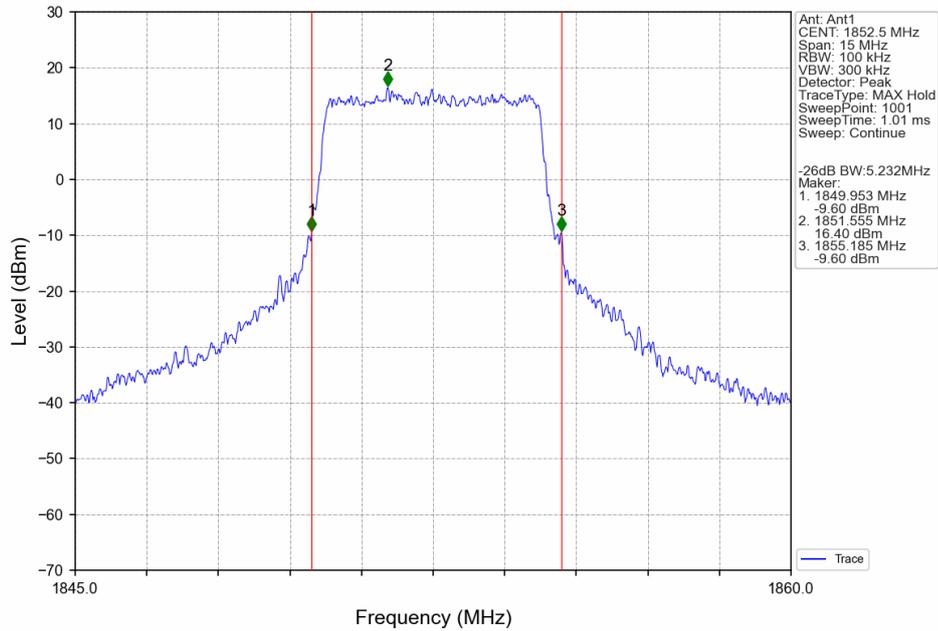




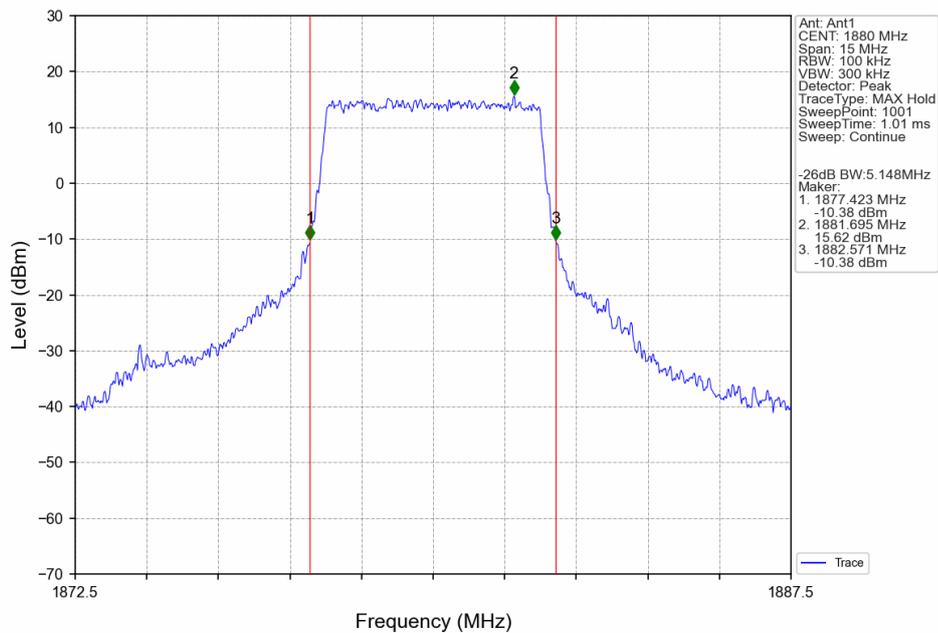
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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

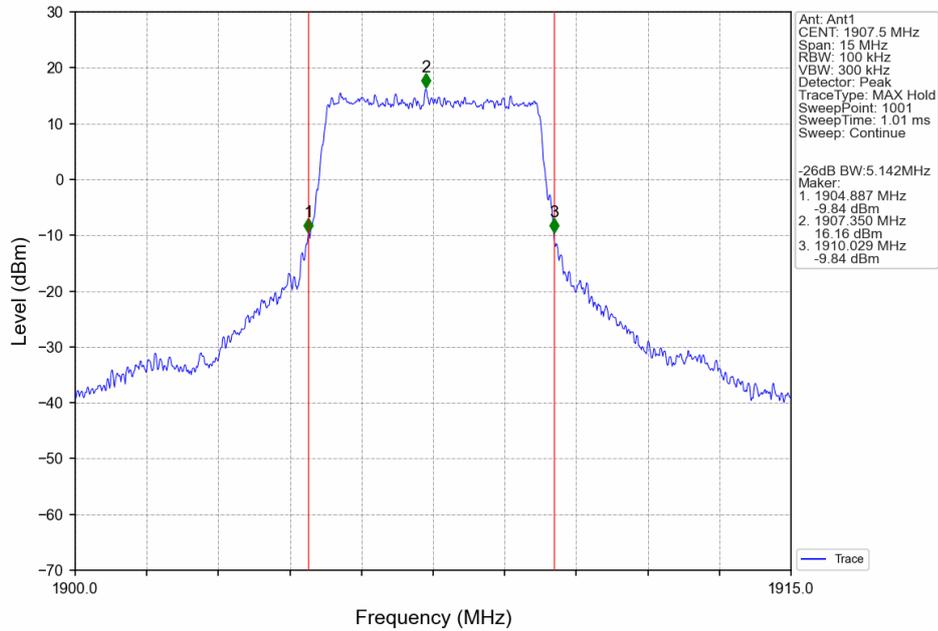




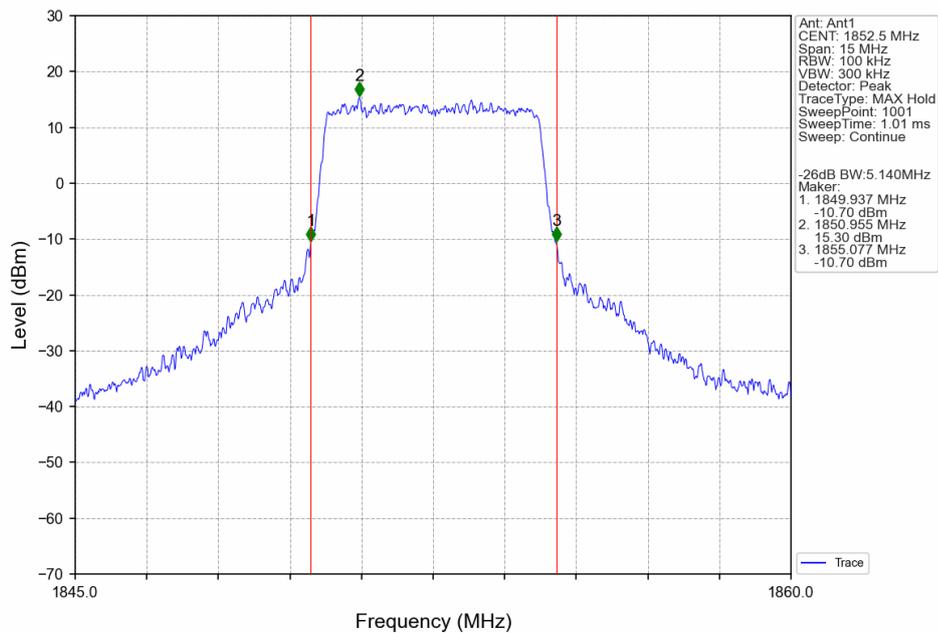
BUREAU
VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

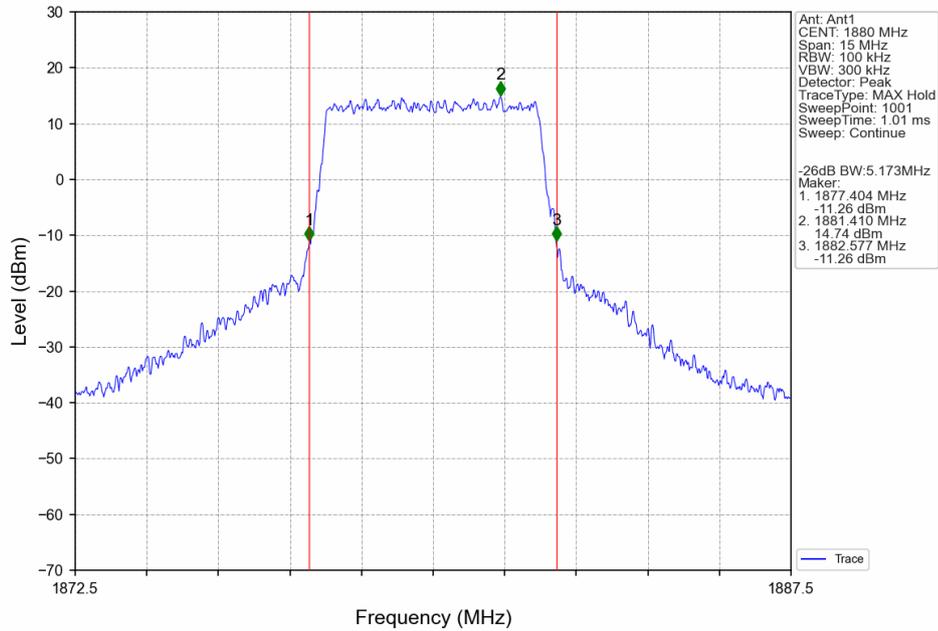




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VERITAS

Test Report No.: PSU-NQN2504150110RF02

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

