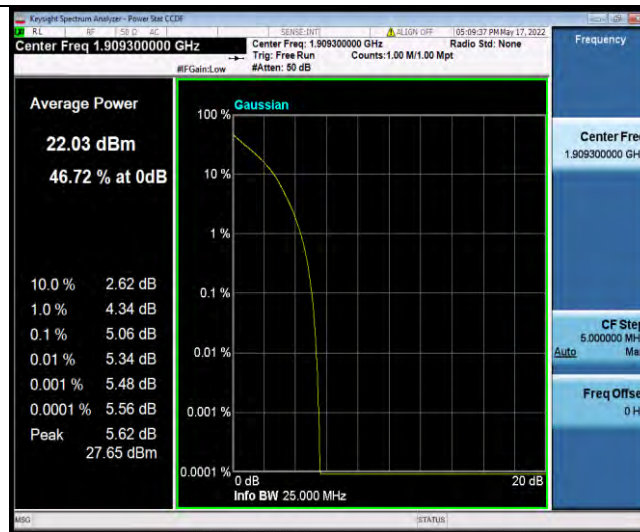




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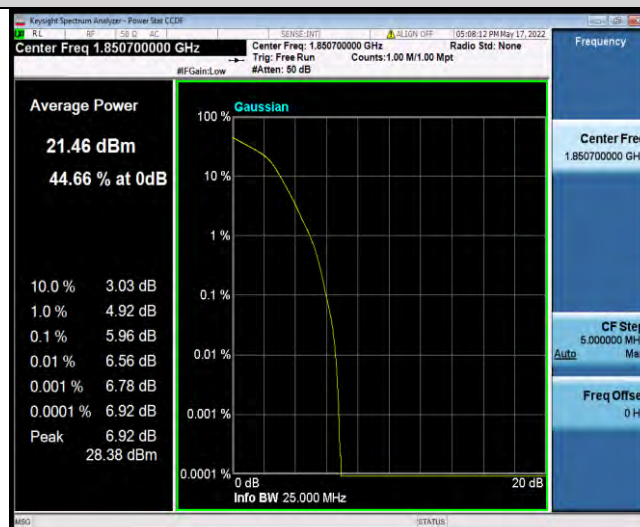
Test Report No.: W7L-P22050002RF05



Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0

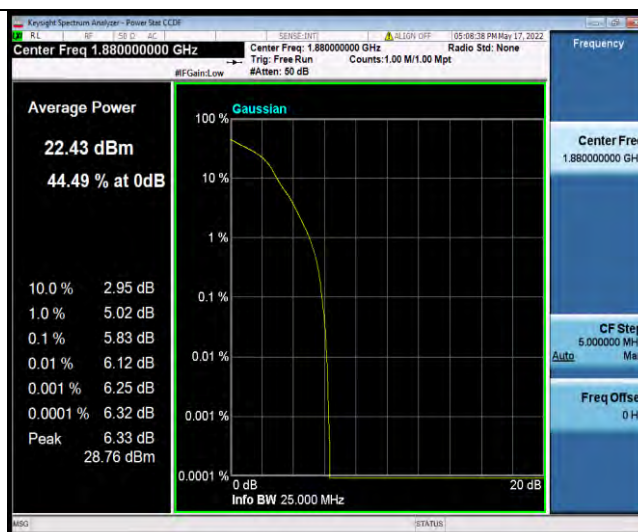


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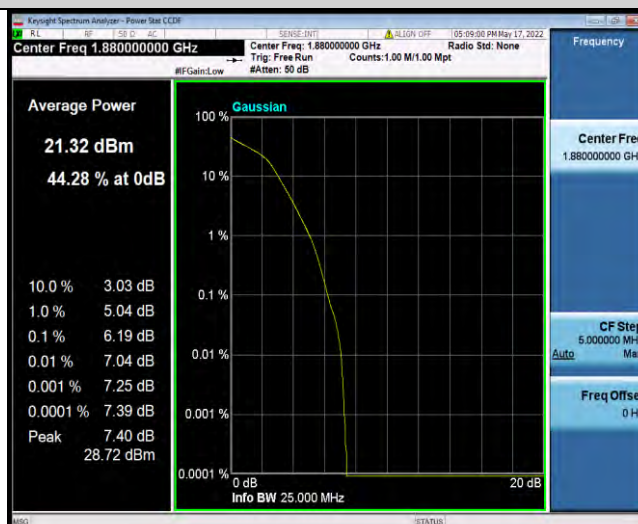


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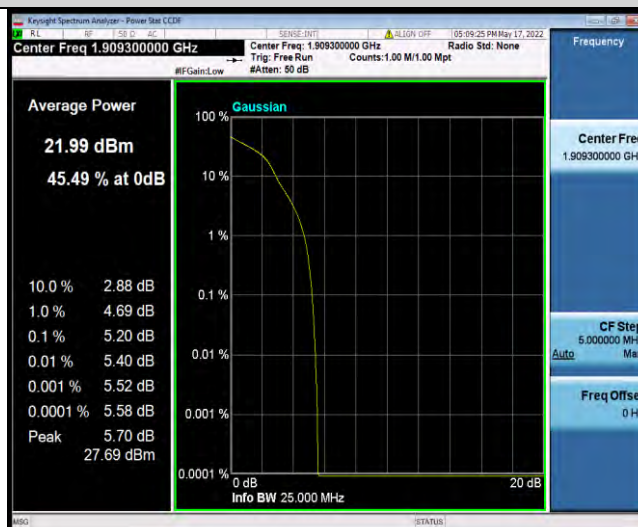
Test Report No.: W7L-P22050002RF05



Band2-1.4MHz-16QAM-18900-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#0

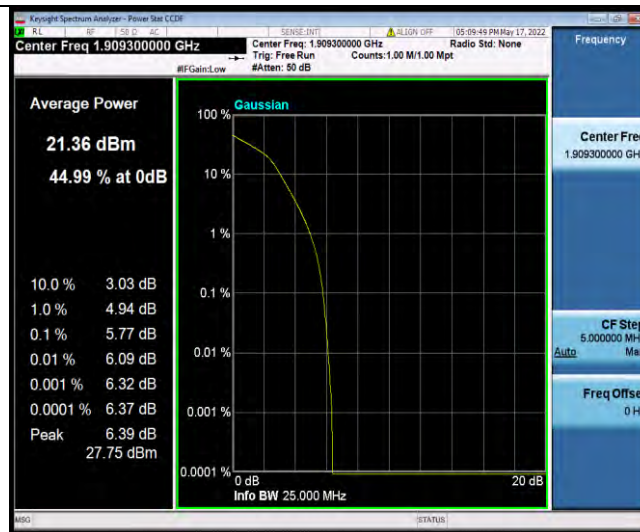


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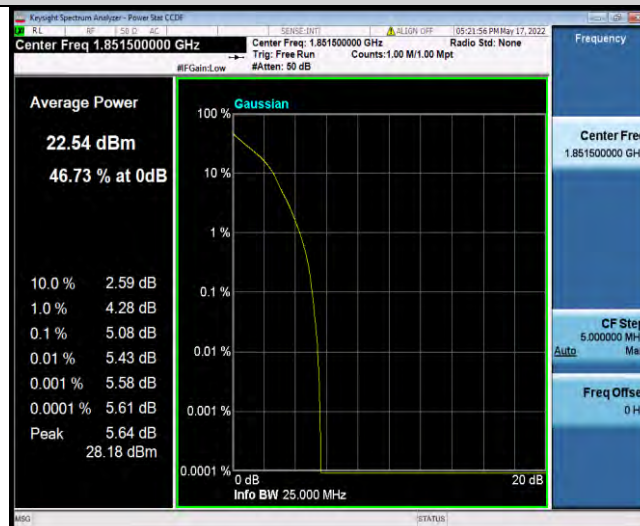


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Test Report No.: W7L-P22050002RF05



Band2-3MHz-QPSK-18615-1RB#0



Band2-3MHz-QPSK-18615-15RB#0

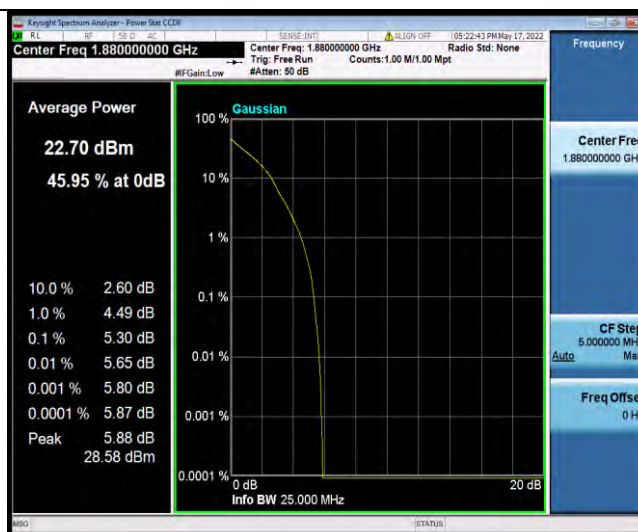


Band2-3MHz-QPSK-18900-1RB#0

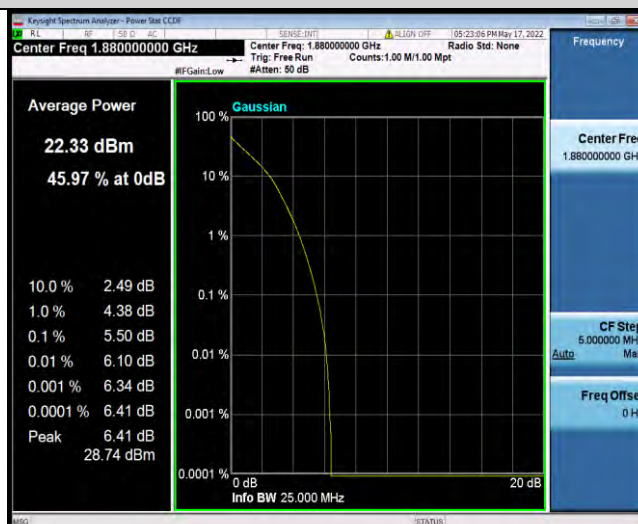


BUREAU
VERITAS

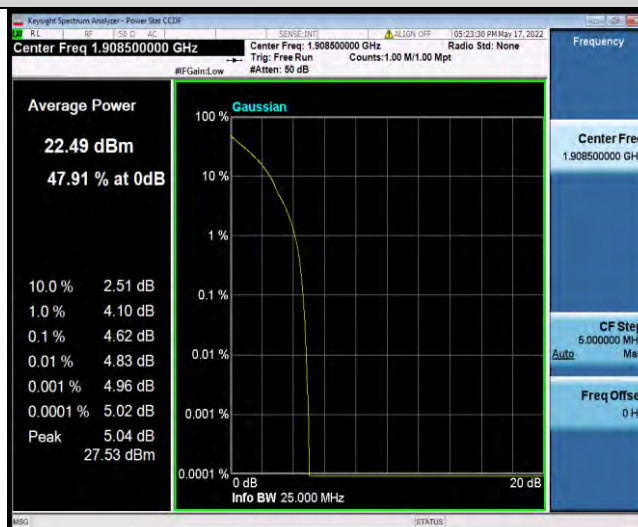
Test Report No.: W7L-P22050002RF05



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-18900-15RB#0

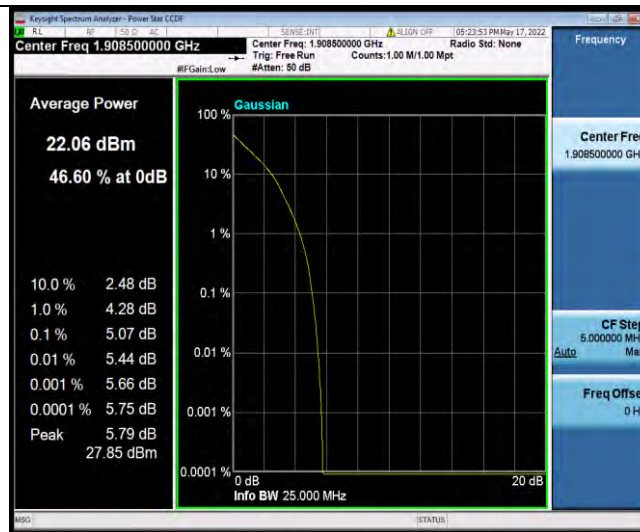


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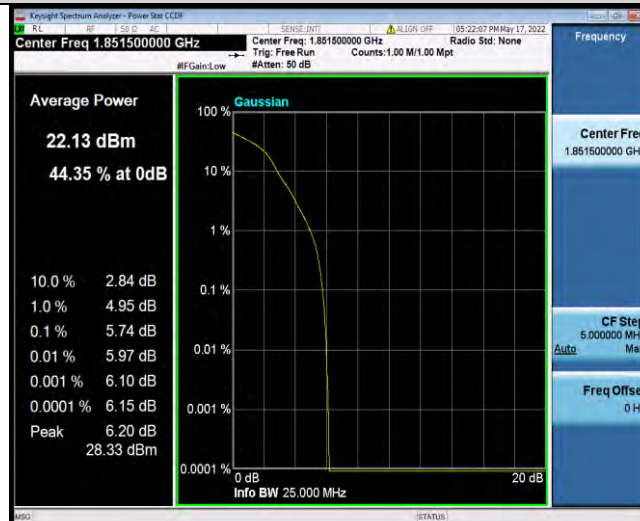


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-3MHz-16QAM-18615-1RB#0



Band2-3MHz-16QAM-18615-15RB#0

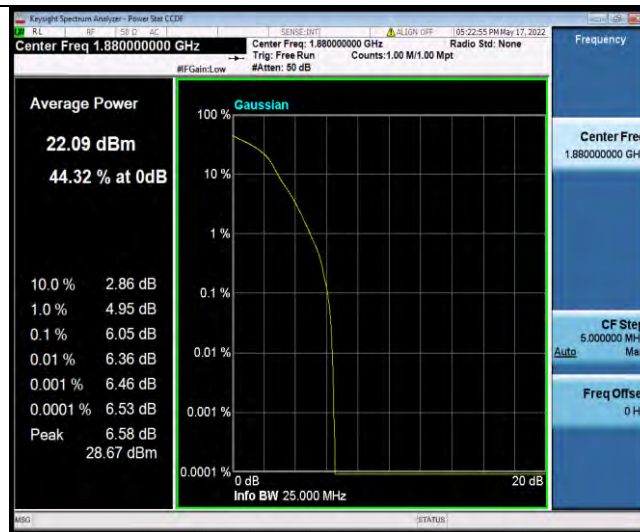


Band2-3MHz-16QAM-18900-1RB#0

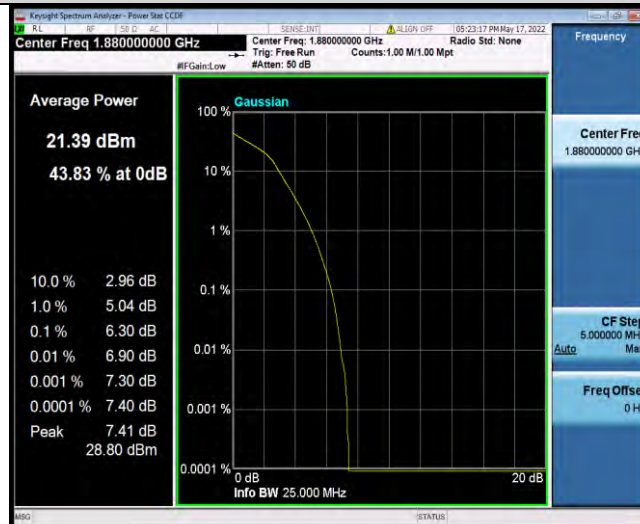


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-1RB#0



Band2-3MHz-16QAM-19185-15RB#0

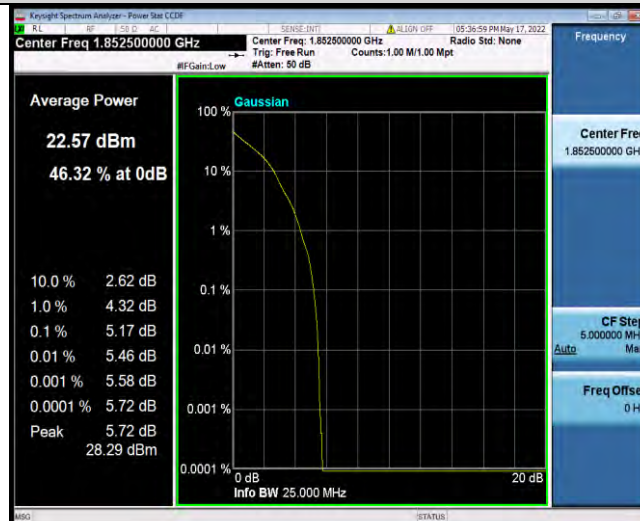


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-5MHz-QPSK-18625-1RB#0



Band2-5MHz-QPSK-18625-25RB#0

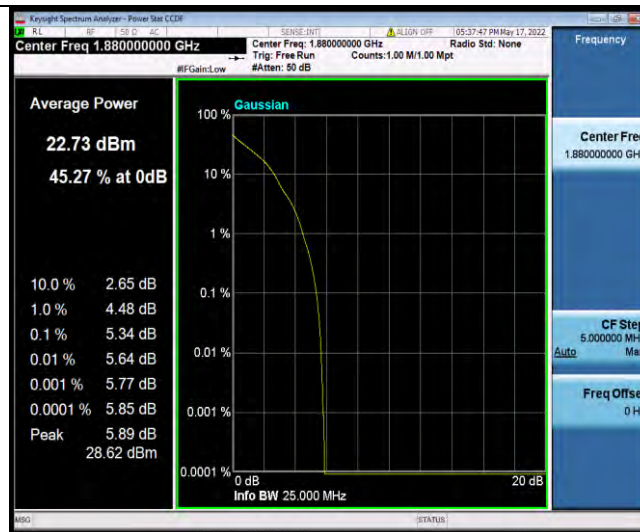


Band2-5MHz-QPSK-18900-1RB#0

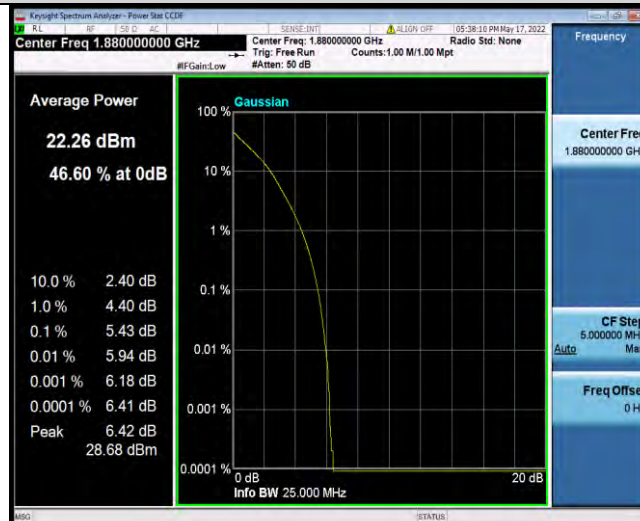


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-1RB#0



Band2-5MHz-QPSK-19175-25RB#0



BUREAU
VERITAS

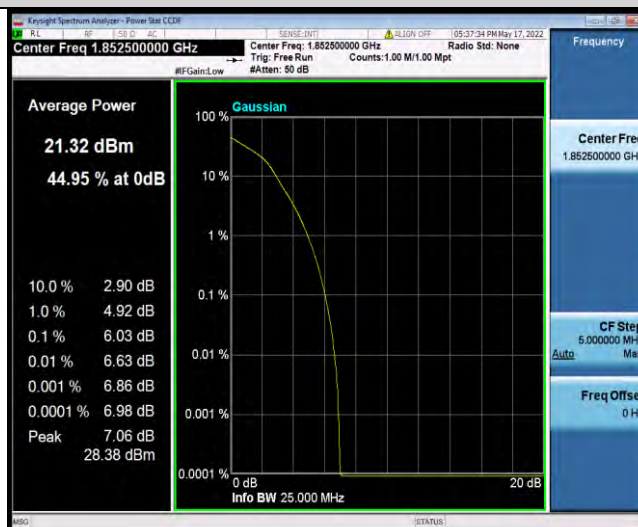
Test Report No.: W7L-P22050002RF05



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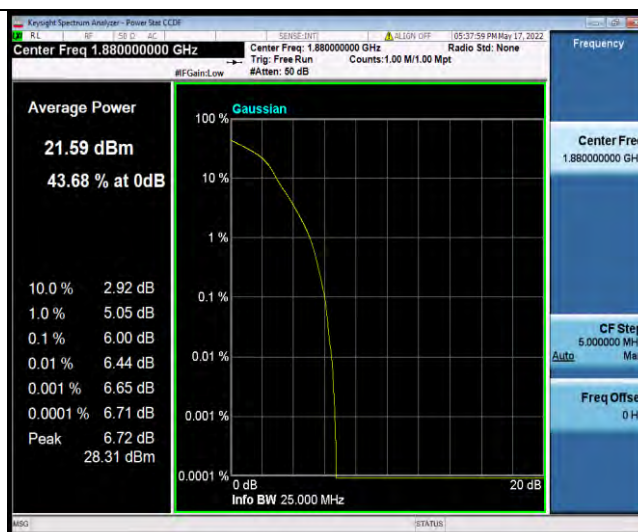


Band2-5MHz-16QAM-18900-1RB#0



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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-5MHz-16QAM-18900-25RB#0



Band2-5MHz-16QAM-19175-1RB#0



Band2-5MHz-16QAM-19175-25RB#0

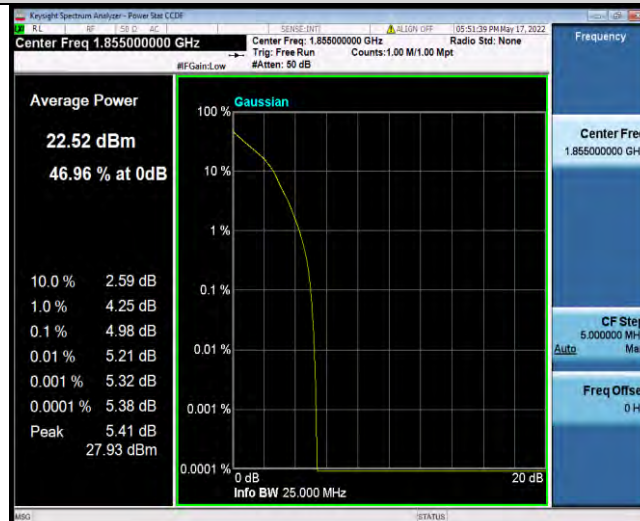


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-50RB#0

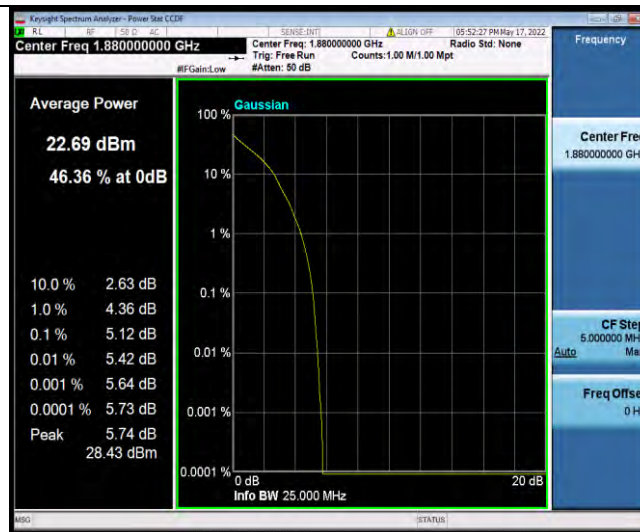


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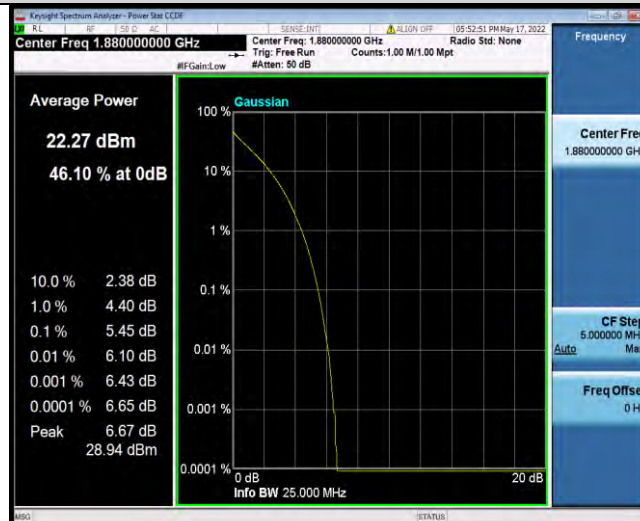


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-1RB#0

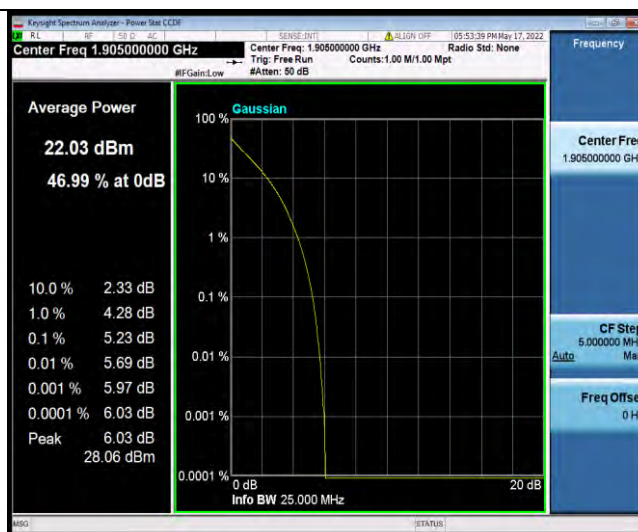


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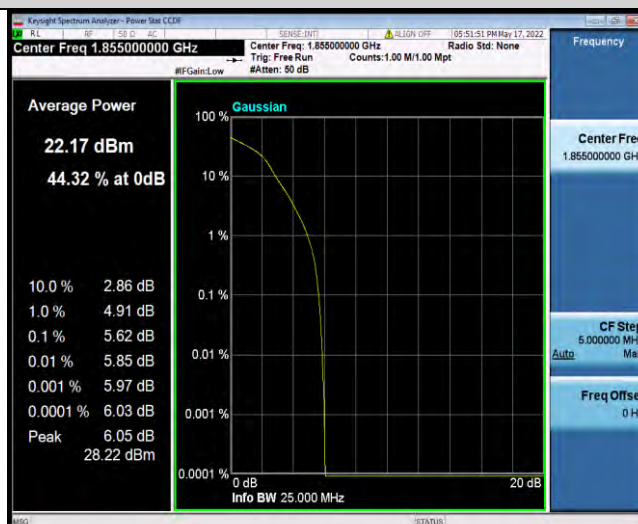


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VERITAS

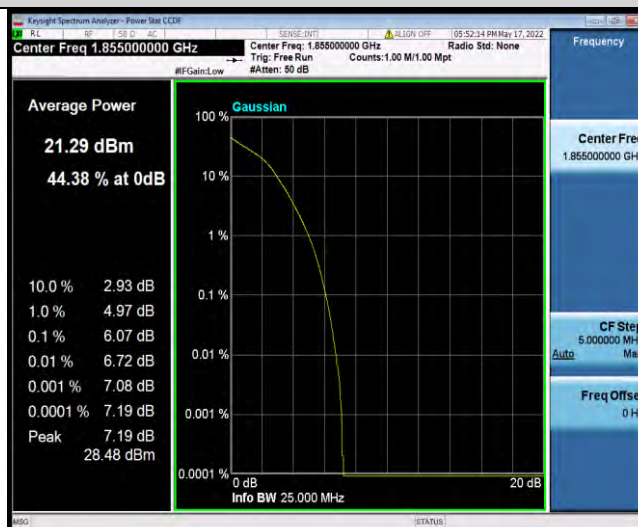
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Band2-10MHz-16QAM-18650-1RB#0



Band2-10MHz-16QAM-18650-50RB#0

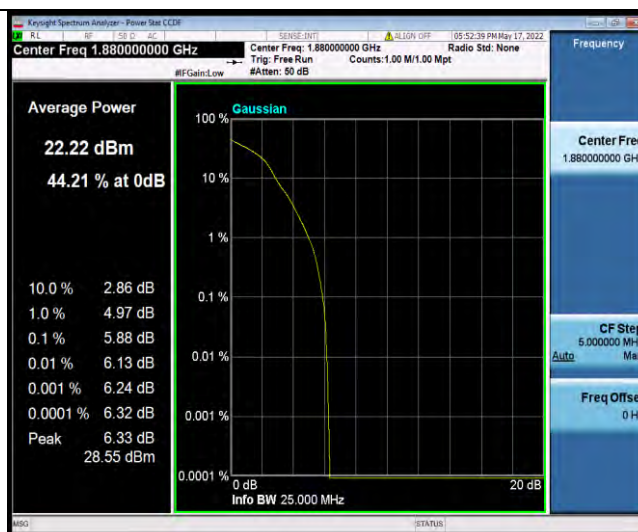


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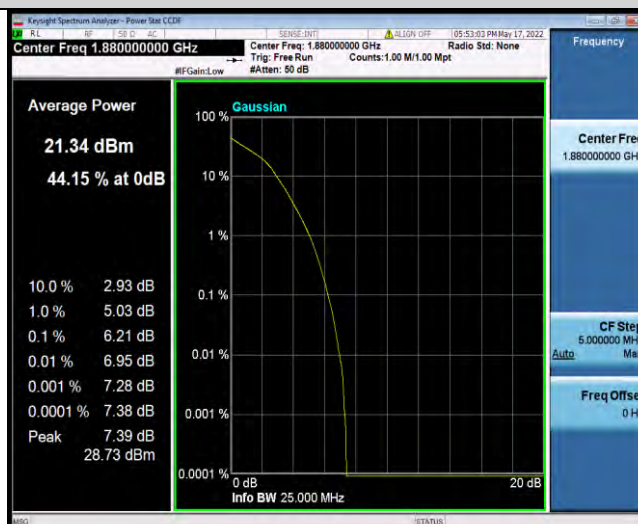


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VERITAS

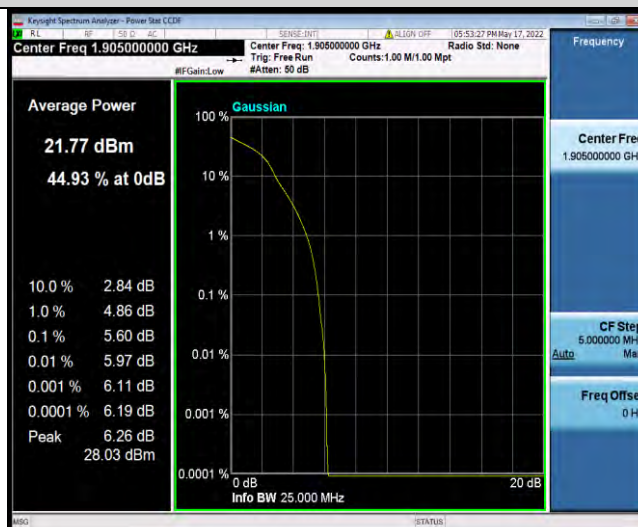
Test Report No.: W7L-P22050002RF05



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-1RB#0



Band2-10MHz-16QAM-19150-50RB#0

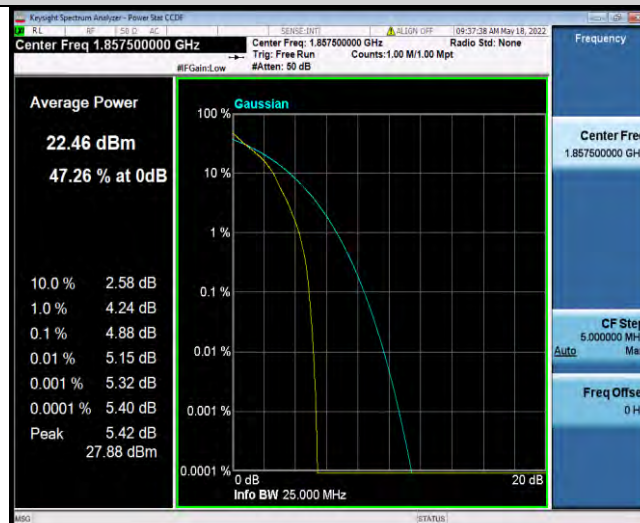


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-1RB#0

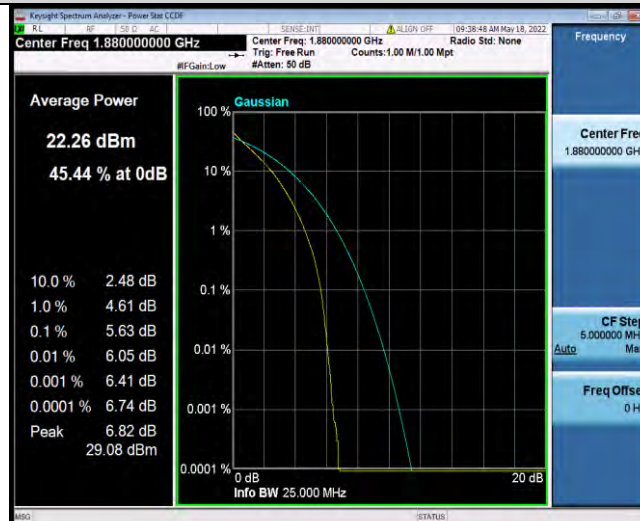


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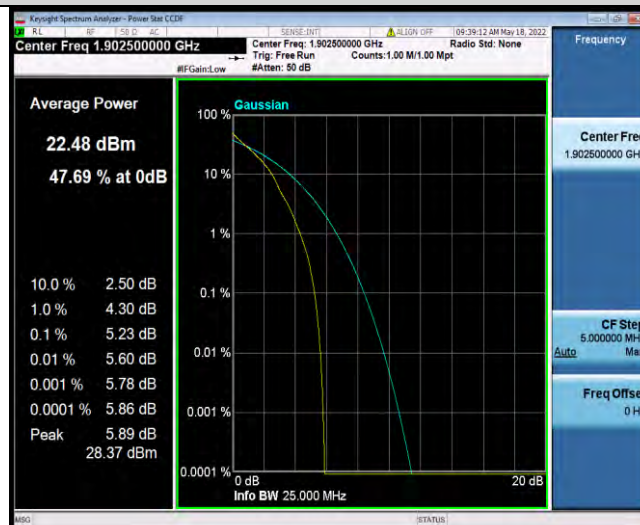
Test Report No.: W7L-P22050002RF05



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-1RB#0



Band2-15MHz-QPSK-19125-75RB#0

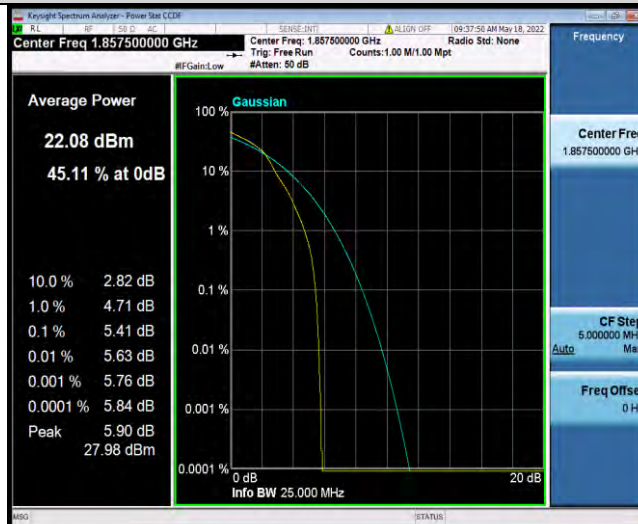


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-15MHz-16QAM-18675-1RB#0



Band2-15MHz-16QAM-18675-75RB#0

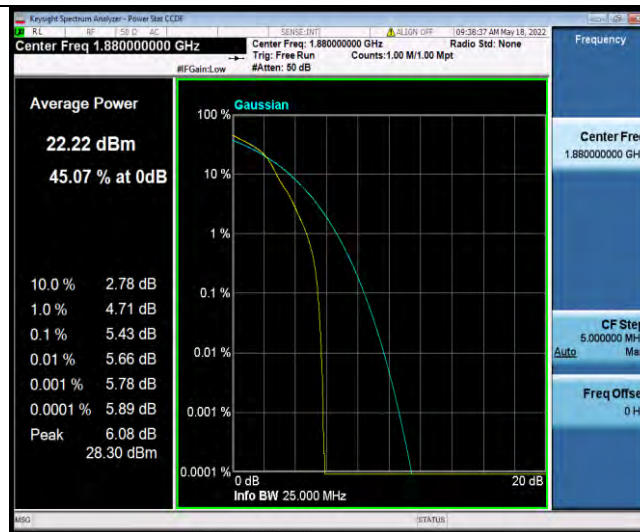


Band2-15MHz-16QAM-18900-1RB#0

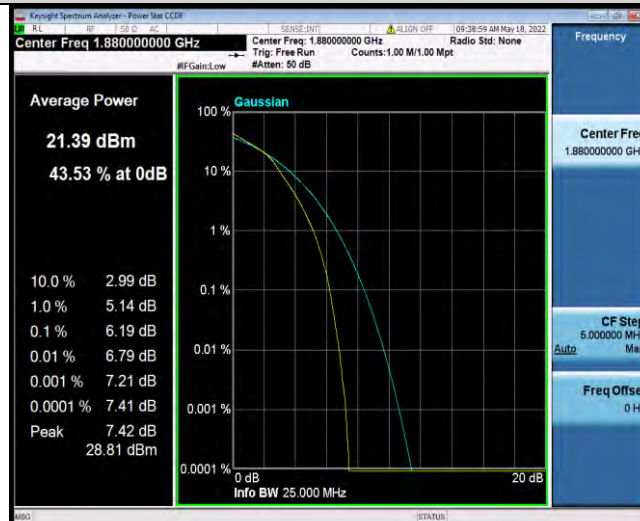


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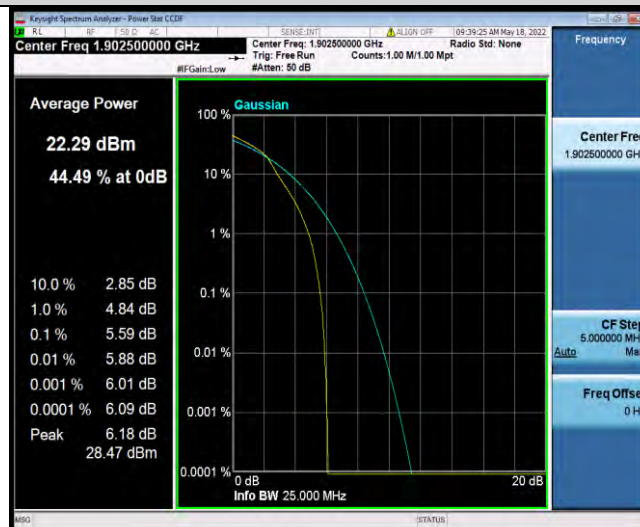
Test Report No.: W7L-P22050002RF05



Band2-15MHz-16QAM-18900-75RB#0



Band2-15MHz-16QAM-19125-1RB#0

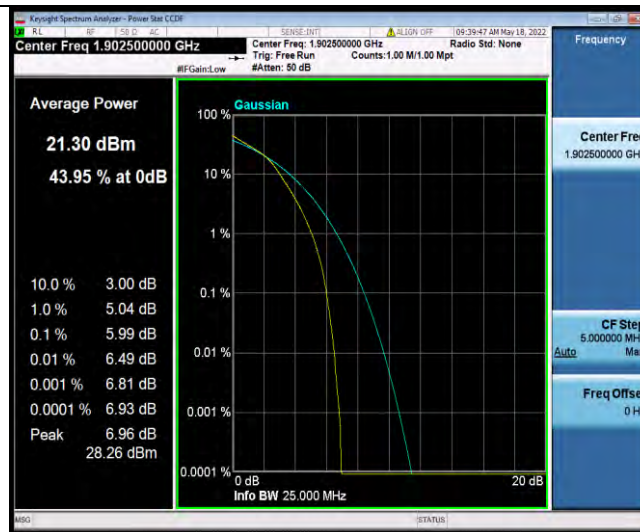


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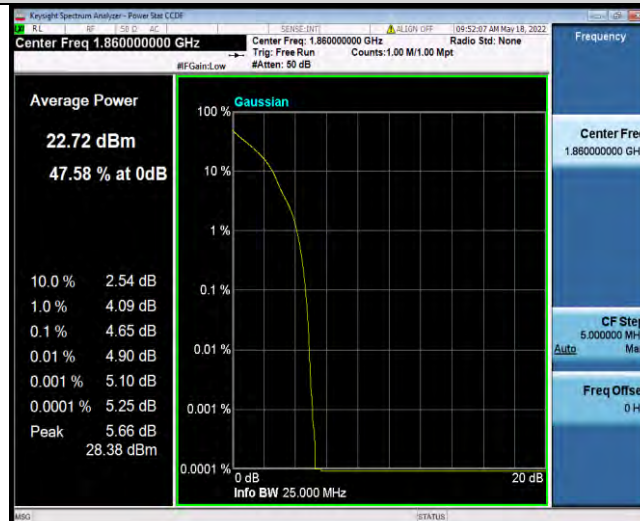


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Test Report No.: W7L-P22050002RF05



Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0

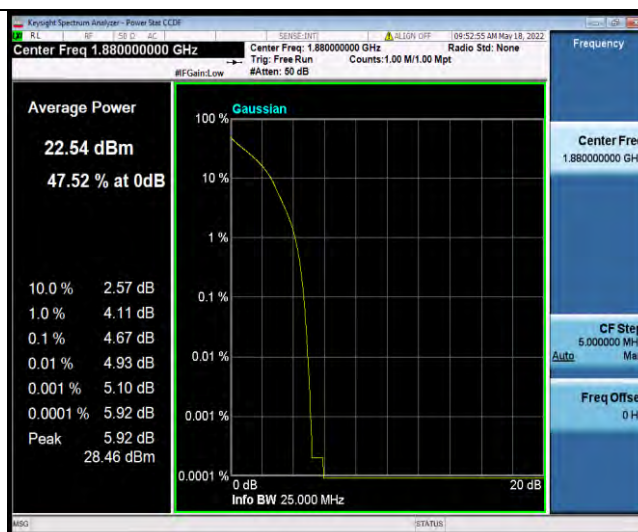


Band2-20MHz-QPSK-18900-1RB#0



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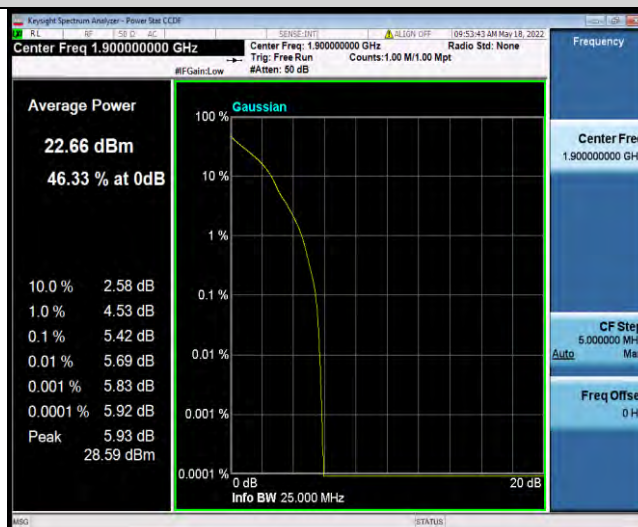
Test Report No.: W7L-P22050002RF05



Band2-20MHz-QPSK-18900-100RB#0



Band2-20MHz-QPSK-19100-1RB#0

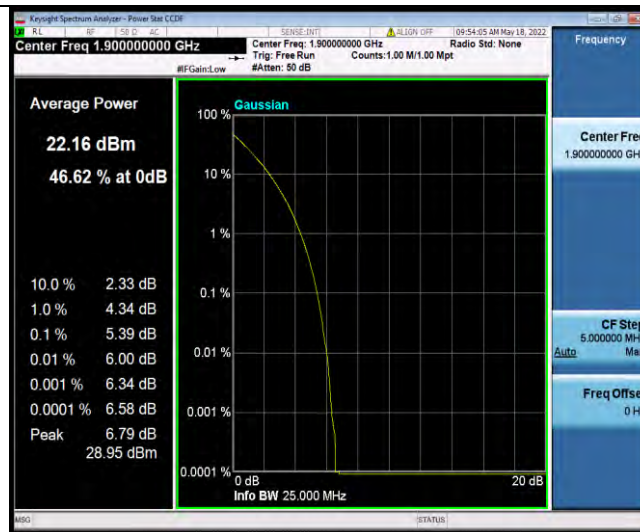


Band2-20MHz-QPSK-19100-100RB#0

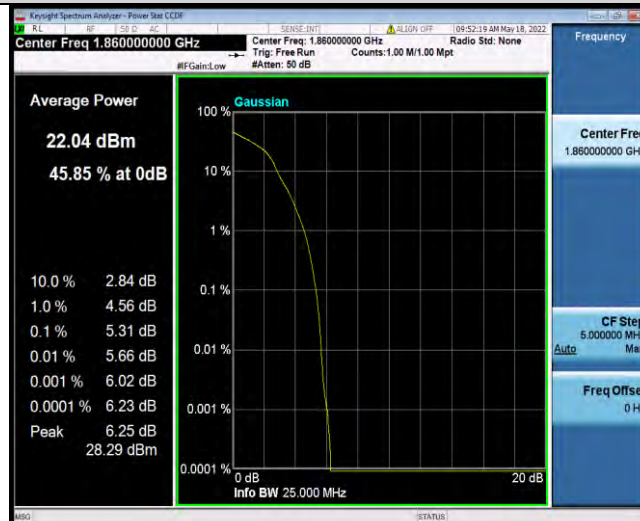


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-20MHz-16QAM-18700-1RB#0



Band2-20MHz-16QAM-18700-100RB#0

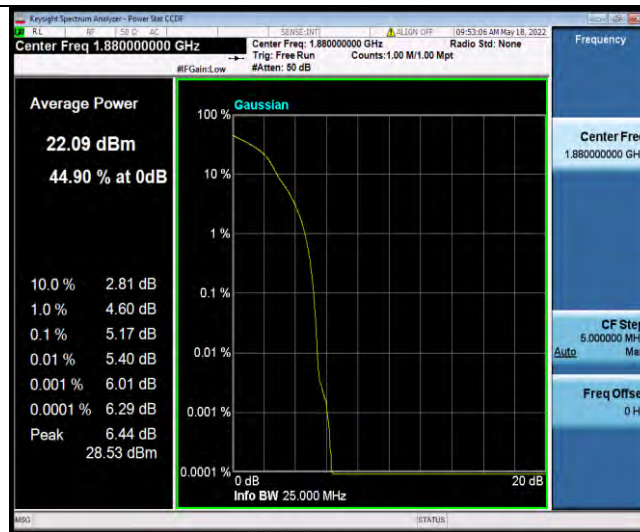


Band2-20MHz-16QAM-18900-1RB#0

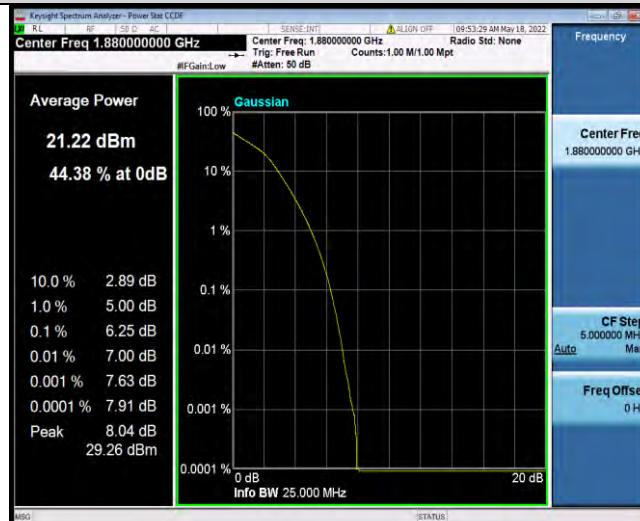


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Test Report No.: W7L-P22050002RF05



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-1RB#0

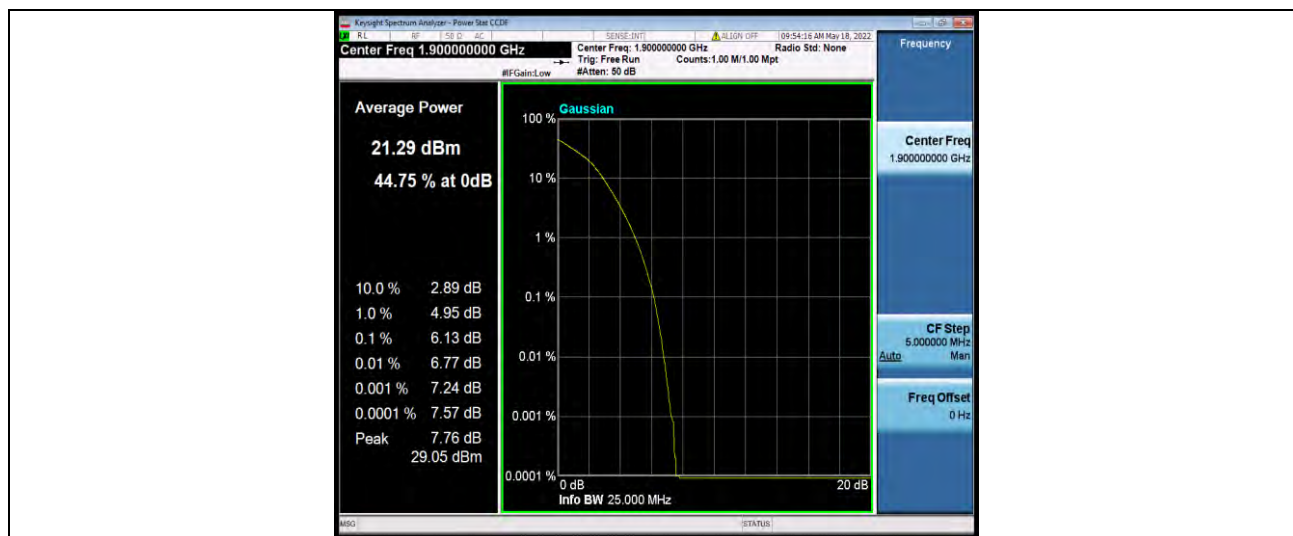


Band2-20MHz-16QAM-19100-100RB#0



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Test Report No.: W7L-P22050002RF05

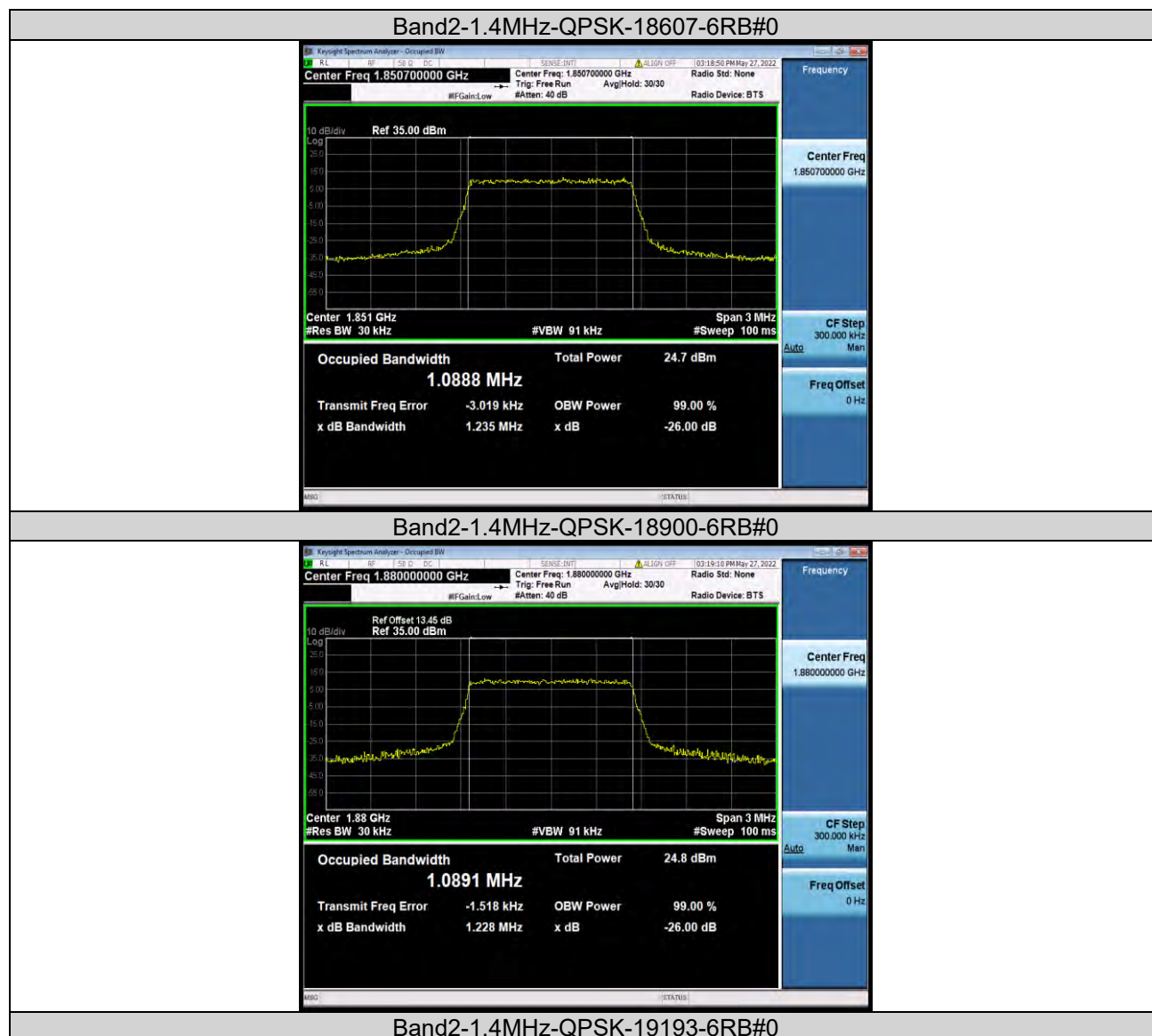


APPENDIX C: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0888	1.235	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0891	1.228	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0936	1.241	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0894	1.240	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0917	1.242	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0918	1.231	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6935	2.966	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6944	2.972	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6977	3.005	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6952	2.974	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6913	2.947	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6954	2.996	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4981	4.880	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4943	4.895	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4905	4.888	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5029	4.850	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4990	4.844	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4941	4.909	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9943	9.559	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9916	9.555	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9668	9.554	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9721	9.568	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9693	9.579	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9811	9.602	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.471	14.33	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.465	14.33	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.440	14.28	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.456	14.28	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.460	14.29	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.447	14.36	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.972	19.01	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.960	19.03	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.948	19.01	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.960	19.06	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.979	19.01	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.952	19.06	PASS

Test Graphs



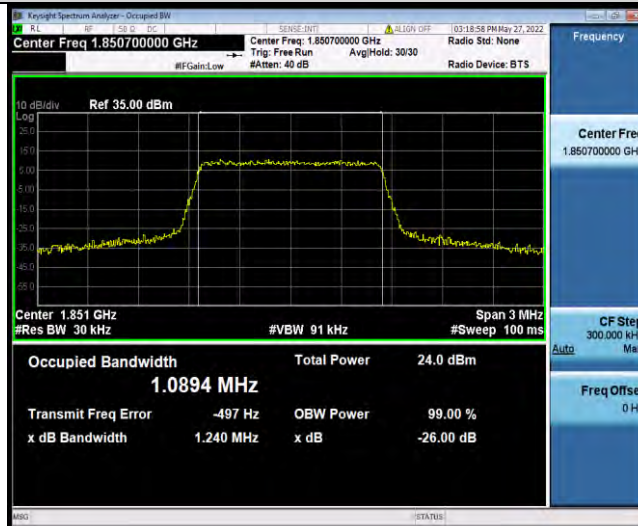


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Test Report No.: W7L-P22050002RF05



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-6RB#0

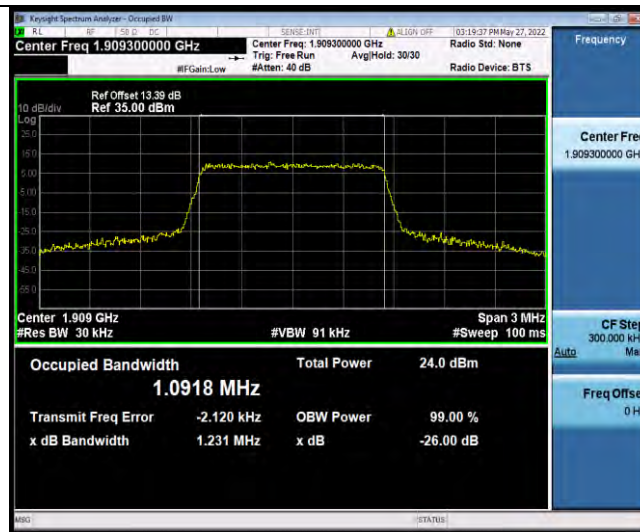


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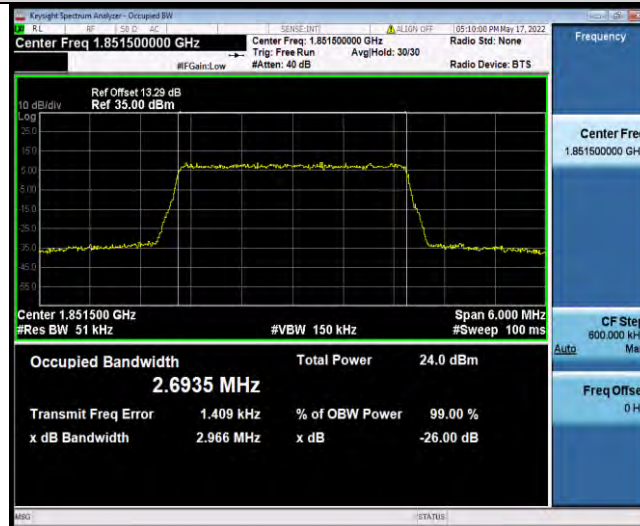


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VERITAS

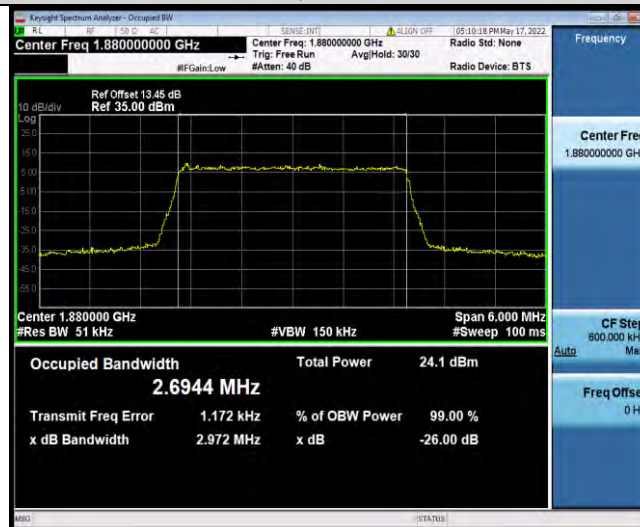
Test Report No.: W7L-P22050002RF05



Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-15RB#0

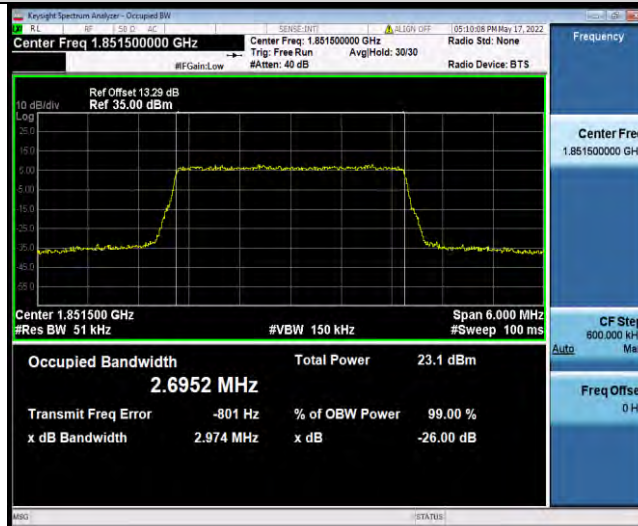


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Test Report No.: W7L-P22050002RF05



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-15RB#0

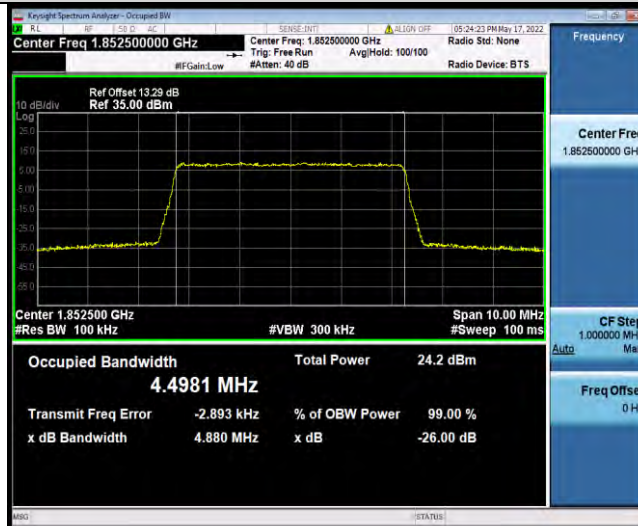


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Test Report No.: W7L-P22050002RF05



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-18900-25RB#0



Band2-5MHz-QPSK-19175-25RB#0

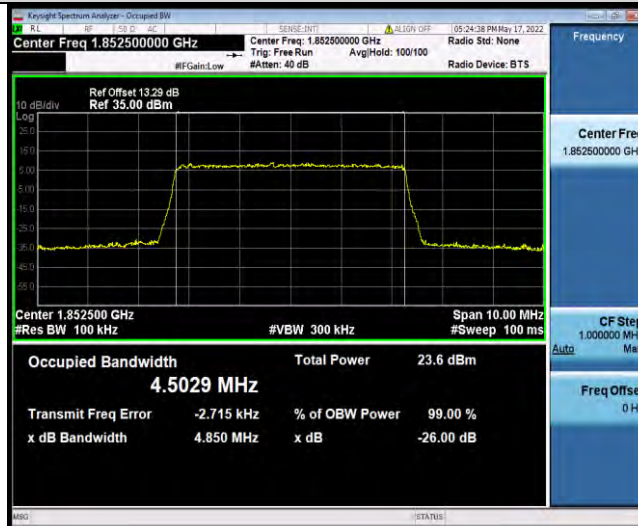


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Test Report No.: W7L-P22050002RF05



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-18900-25RB#0

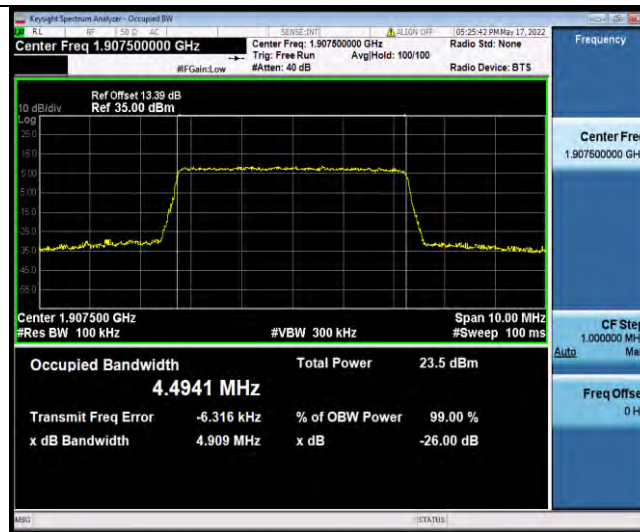


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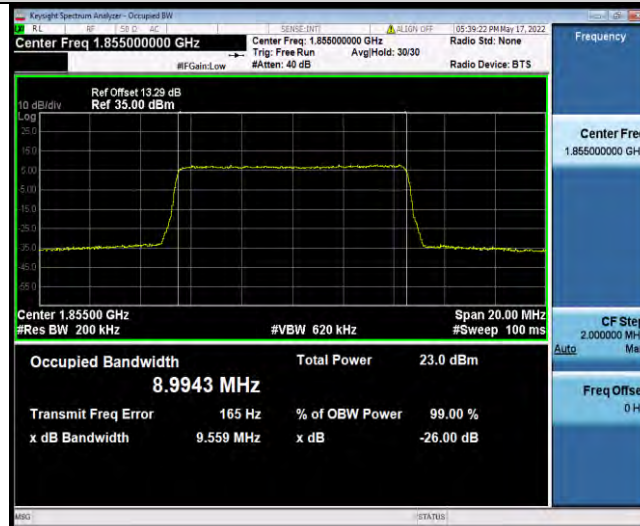


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-18900-50RB#0



Band2-10MHz-QPSK-19150-50RB#0



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Test Report No.: W7L-P22050002RF05



Band2-10MHz-16QAM-18650-50RB#0



Band2-10MHz-16QAM-18900-50RB#0



Band2-10MHz-16QAM-19150-50RB#0

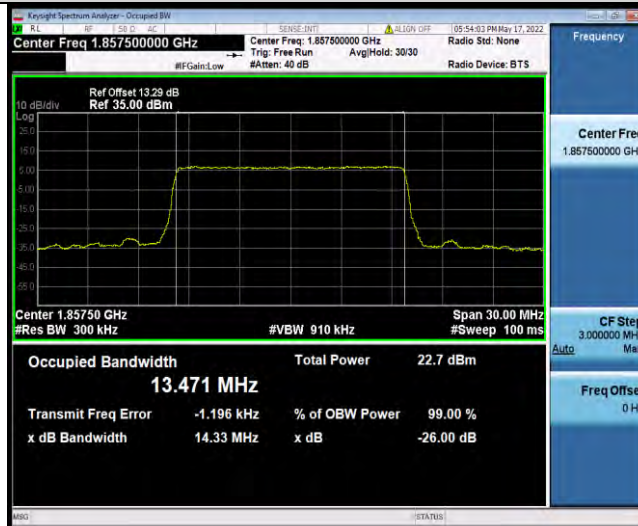


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-18900-75RB#0



Band2-15MHz-QPSK-19125-75RB#0

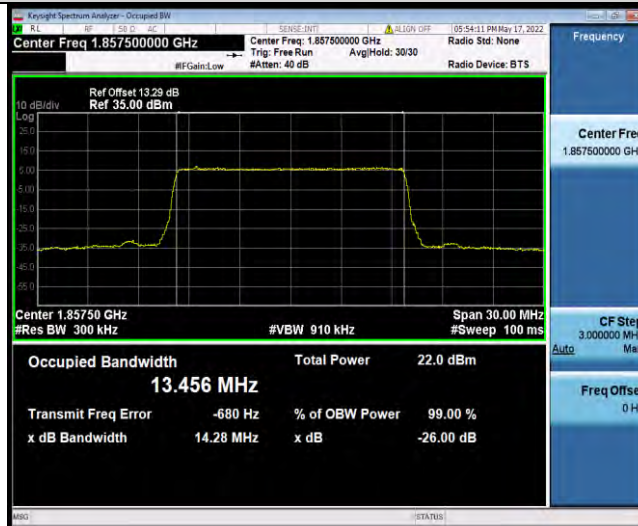


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Test Report No.: W7L-P22050002RF05



Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-75RB#0



Band2-15MHz-16QAM-19125-75RB#0



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Test Report No.: W7L-P22050002RF05



Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0

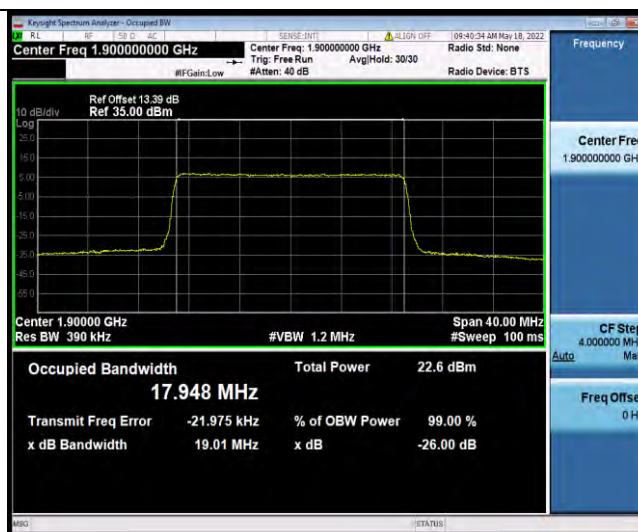


Band2-20MHz-QPSK-19100-100RB#0



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Test Report No.: W7L-P22050002RF05



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#0



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Test Report No.: W7L-P22050002RF05



APPENDIX D: BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-19.17	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-24.98	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-17.21	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-23.68	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-18.42	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.30	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-15.20	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-24.99	PASS
Band2	3MHz	QPSK	18615	1RB#0	-15.44	PASS
Band2	3MHz	QPSK	18615	15RB#0	-17.51	PASS
Band2	3MHz	QPSK	19185	1RB#14	-16.78	PASS
Band2	3MHz	QPSK	19185	15RB#0	-18.39	PASS
Band2	3MHz	16QAM	18615	1RB#0	-14.67	PASS
Band2	3MHz	16QAM	18615	15RB#0	-17.18	PASS
Band2	3MHz	16QAM	19185	1RB#14	-14.63	PASS
Band2	3MHz	16QAM	19185	15RB#0	-19.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	-23.52	PASS
Band2	5MHz	QPSK	18625	25RB#0	-21.22	PASS
Band2	5MHz	QPSK	19175	1RB#24	-23.59	PASS
Band2	5MHz	QPSK	19175	25RB#0	-24.47	PASS
Band2	5MHz	16QAM	18625	1RB#0	-22.96	PASS
Band2	5MHz	16QAM	18625	25RB#0	-22.78	PASS
Band2	5MHz	16QAM	19175	1RB#24	-24.81	PASS
Band2	5MHz	16QAM	19175	25RB#0	-24.17	PASS
Band2	10MHz	QPSK	18650	1RB#0	-16.16	PASS
Band2	10MHz	QPSK	18650	50RB#0	-27.15	PASS
Band2	10MHz	QPSK	19150	1RB#49	-16.15	PASS
Band2	10MHz	QPSK	19150	50RB#0	-27.28	PASS
Band2	10MHz	16QAM	18650	1RB#0	-14.89	PASS
Band2	10MHz	16QAM	18650	50RB#0	-27.68	PASS
Band2	10MHz	16QAM	19150	1RB#49	-14.68	PASS
Band2	10MHz	16QAM	19150	50RB#0	-27.14	PASS
Band2	15MHz	QPSK	18675	1RB#0	-15.14	PASS
Band2	15MHz	QPSK	18675	75RB#0	-25.88	PASS
Band2	15MHz	QPSK	19125	1RB#74	-16.39	PASS
Band2	15MHz	QPSK	19125	75RB#0	-26.84	PASS
Band2	15MHz	16QAM	18675	1RB#0	-14.44	PASS
Band2	15MHz	16QAM	18675	75RB#0	-26.69	PASS
Band2	15MHz	16QAM	19125	1RB#74	-15.66	PASS
Band2	15MHz	16QAM	19125	75RB#0	-28.02	PASS
Band2	20MHz	QPSK	18700	1RB#0	-15.95	PASS
Band2	20MHz	QPSK	18700	100RB#0	-28.64	PASS
Band2	20MHz	QPSK	19100	1RB#99	-17.53	PASS

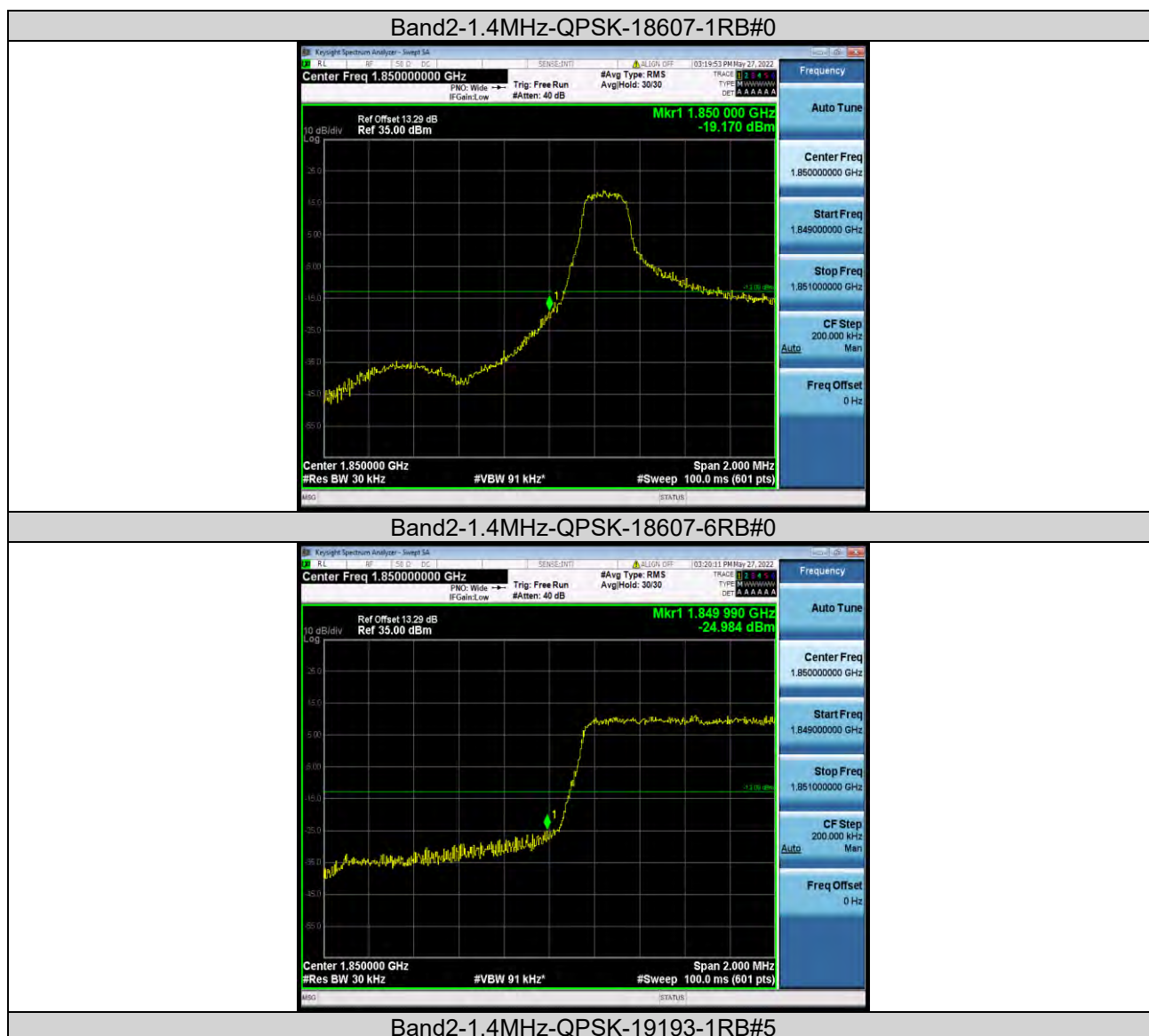


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Test Report No.: W7L-P22050002RF05

Band2	20MHz	QPSK	19100	100RB#0	-28.85	PASS
Band2	20MHz	16QAM	18700	1RB#0	-15.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	-28.63	PASS
Band2	20MHz	16QAM	19100	1RB#99	-16.59	PASS
Band2	20MHz	16QAM	19100	100RB#0	-29.50	PASS

Test Graphs





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Test Report No.: W7L-P22050002RF05



Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



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Test Report No.: W7L-P22050002RF05



Band2-1.4MHz-16QAM-19193-1RB#5



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-1RB#0



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Band2-3MHz-QPSK-18615-15RB#0



Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0



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Test Report No.: W7L-P22050002RF05



Band2-3MHz-16QAM-18615-1RB#0



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-19185-1RB#14



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Test Report No.: W7L-P22050002RF05



Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-1RB#0



Band2-5MHz-QPSK-18625-25RB#0



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Test Report No.: W7L-P22050002RF05



Band2-5MHz-QPSK-19175-1RB#24



Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



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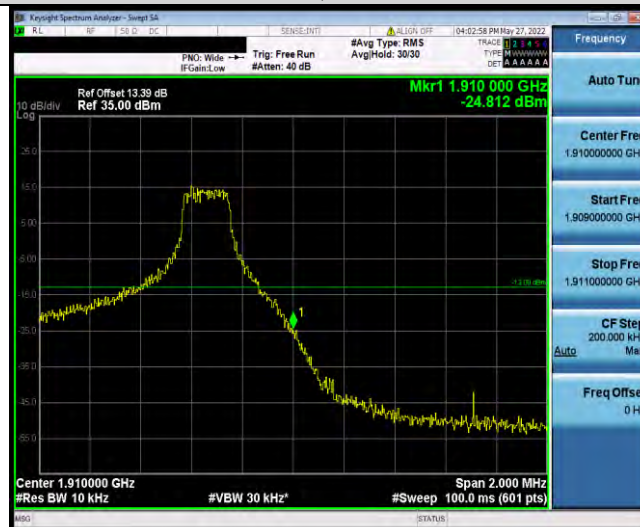
Test Report No.: W7L-P22050002RF05



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-19175-1RB#24



Band2-5MHz-16QAM-19175-25RB#0

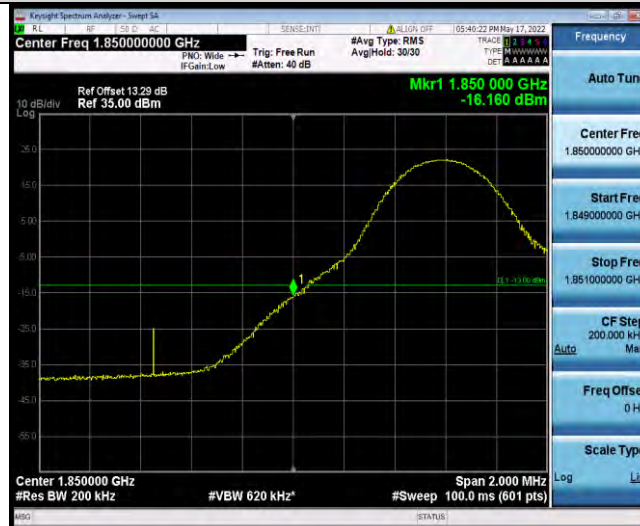


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Test Report No.: W7L-P22050002RF05



Band2-10MHz-QPSK-18650-1RB#0



Band2-10MHz-QPSK-18650-50RB#0

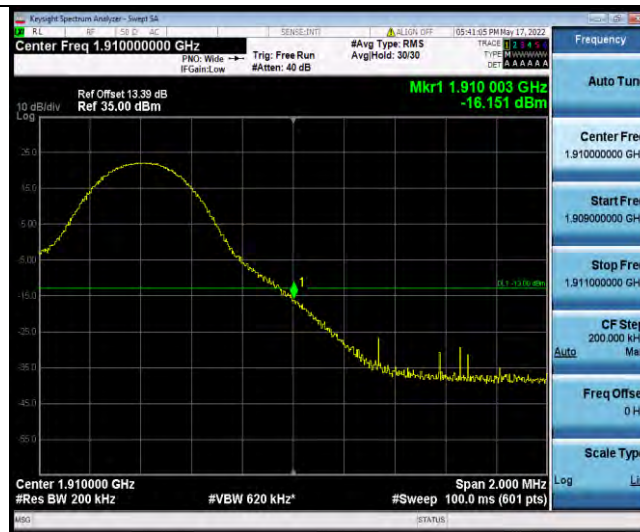


Band2-10MHz-QPSK-19150-1RB#49



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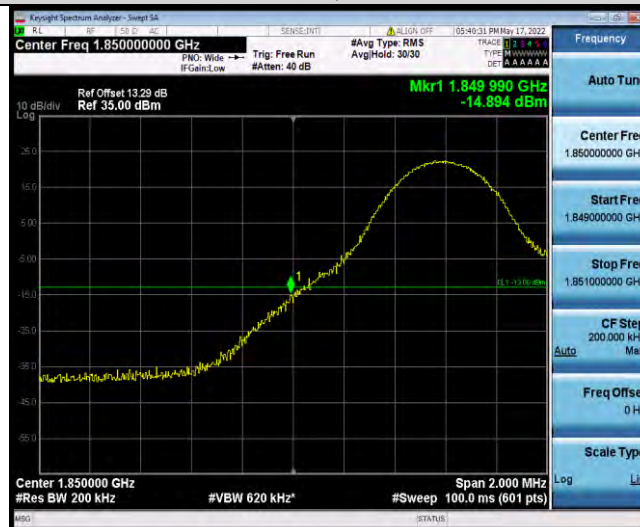
Test Report No.: W7L-P22050002RF05



Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-1RB#0

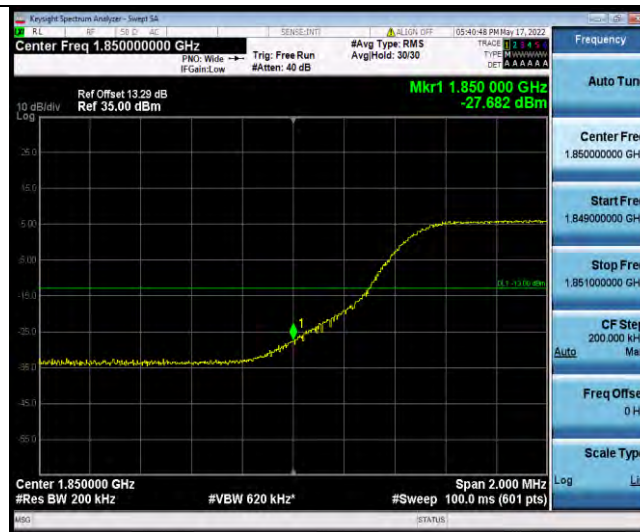


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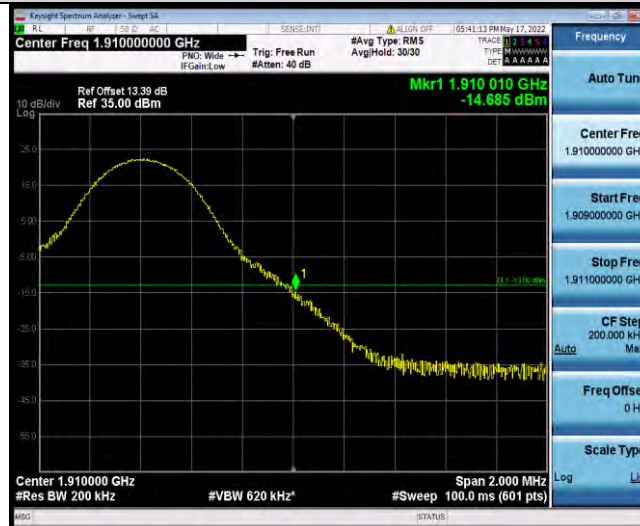


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Test Report No.: W7L-P22050002RF05



Band2-10MHz-16QAM-19150-1RB#49



Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-1RB#0



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Test Report No.: W7L-P22050002RF05



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74



Band2-15MHz-QPSK-19125-75RB#0

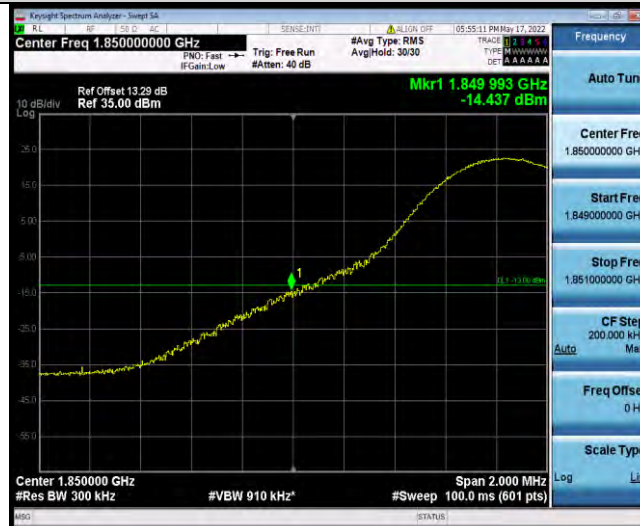


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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-15MHz-16QAM-18675-1RB#0



Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#74



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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-1RB#0



Band2-20MHz-QPSK-18700-100RB#0

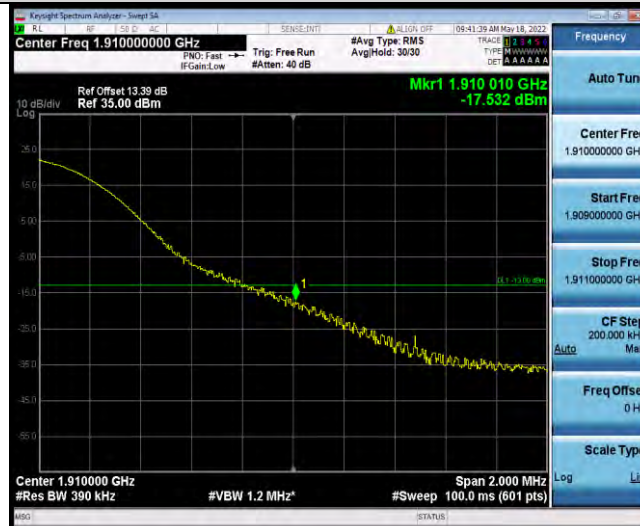


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Test Report No.: W7L-P22050002RF05



Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0



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VERITAS

Test Report No.: W7L-P22050002RF05



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99



Band2-20MHz-16QAM-19100-100RB#0



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VERITAS

Test Report No.: W7L-P22050002RF05

