

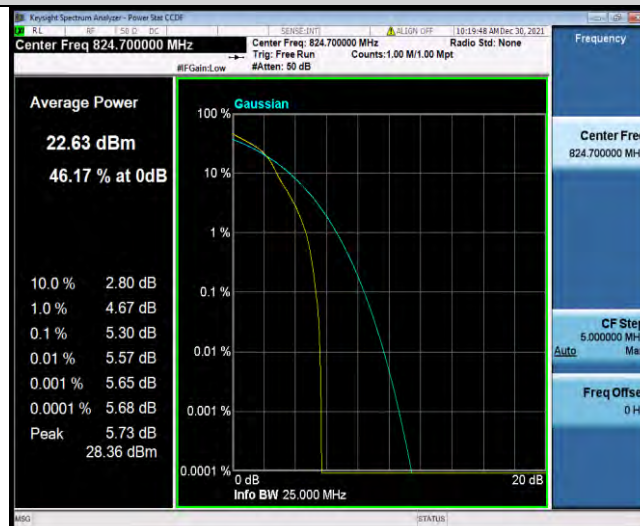


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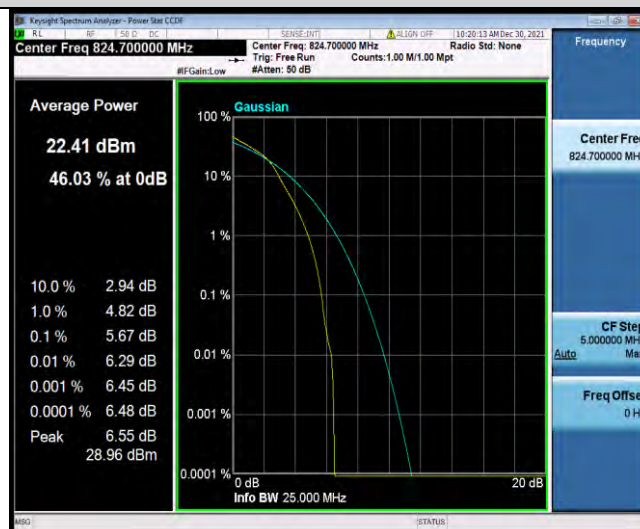
Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0

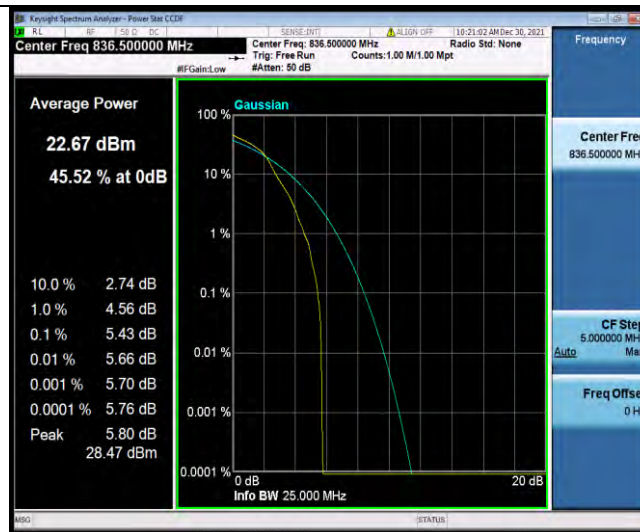


Band5-1.4MHz-16QAM-20525-1RB#0



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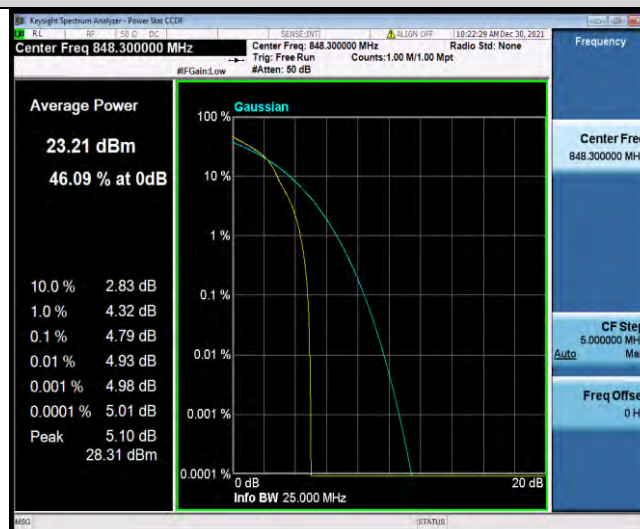
Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



BUREAU
VERITAS

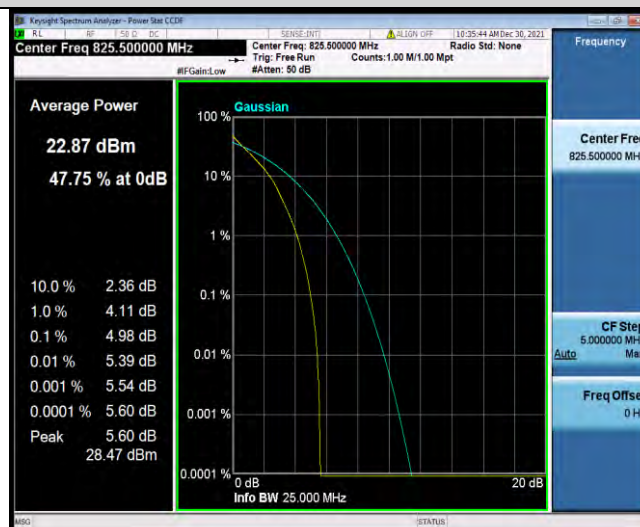
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-QPSK-20415-1RB#0



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-1RB#0



BUREAU
VERITAS

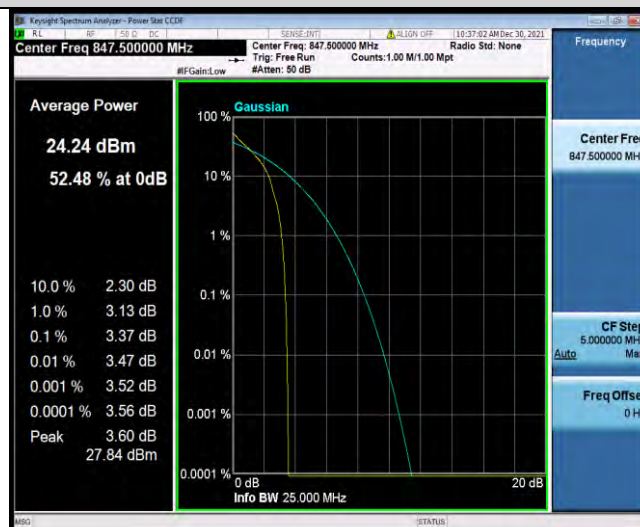
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-15RB#0



BUREAU
VERITAS

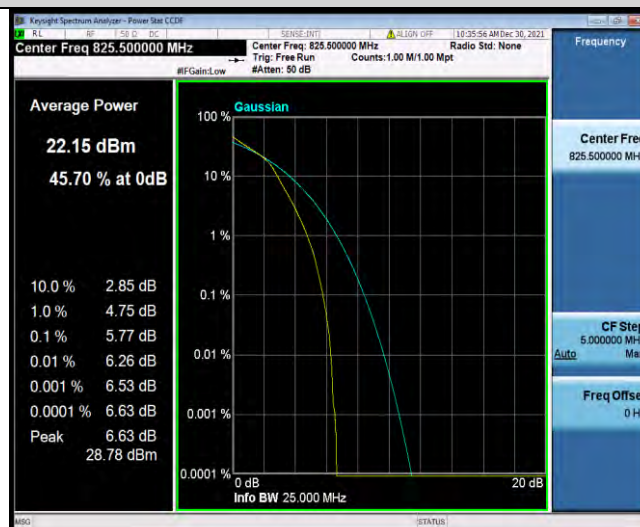
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Band5-3MHz-16QAM-20415-1RB#0



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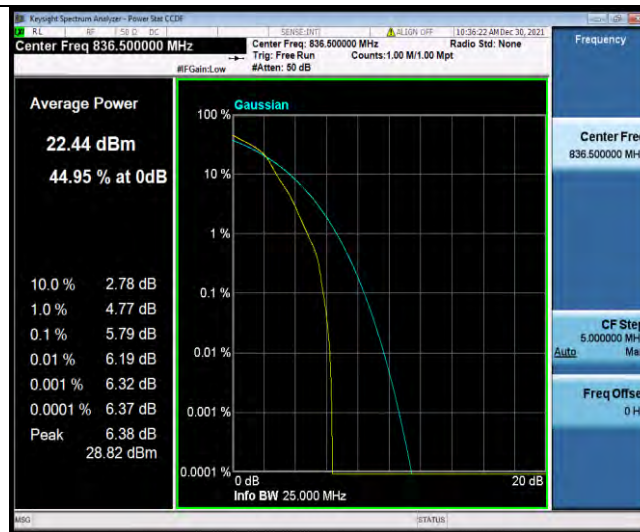


Band5-3MHz-16QAM-20525-1RB#0



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VERITAS

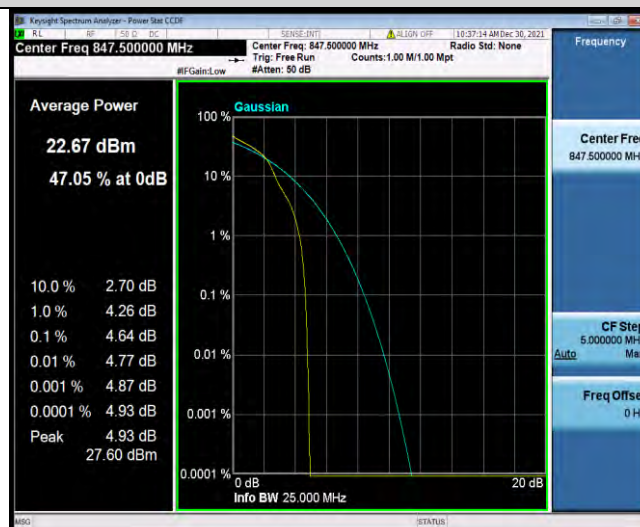
Test Report No.: W7L-P22030026-2RF03



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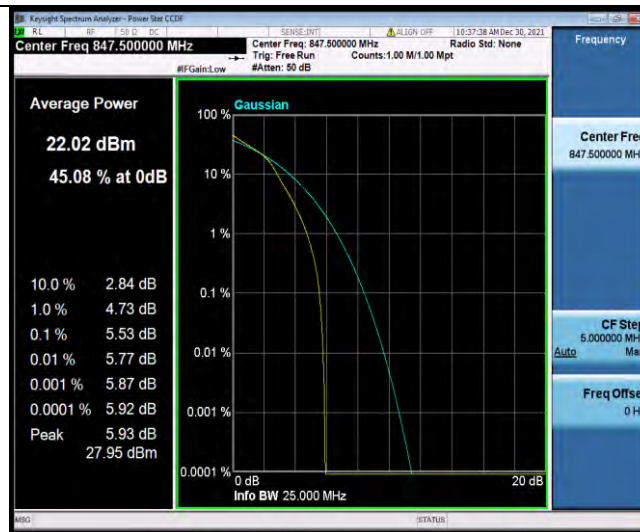


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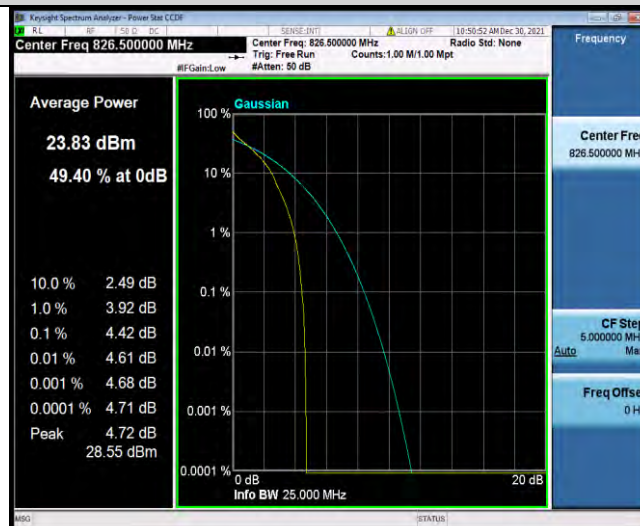


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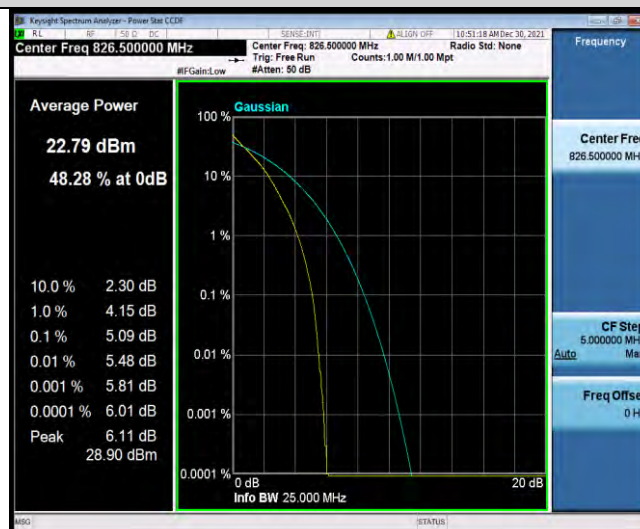
Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-1RB#0



BUREAU
VERITAS

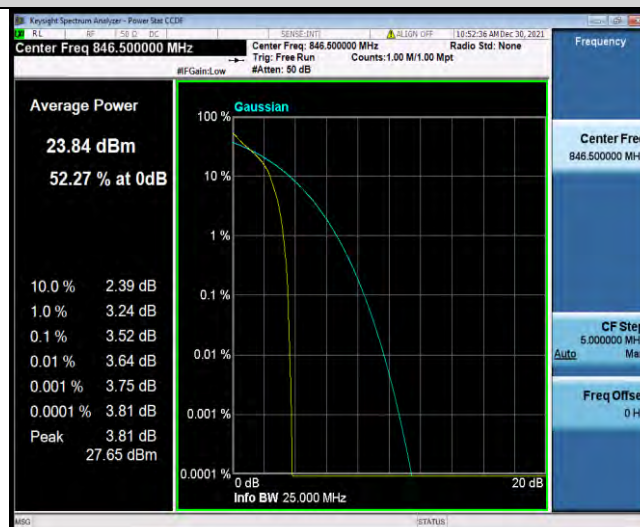
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Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-25RB#0

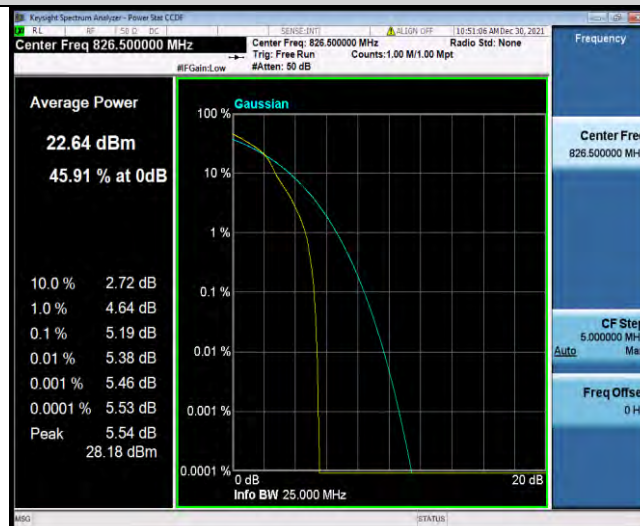


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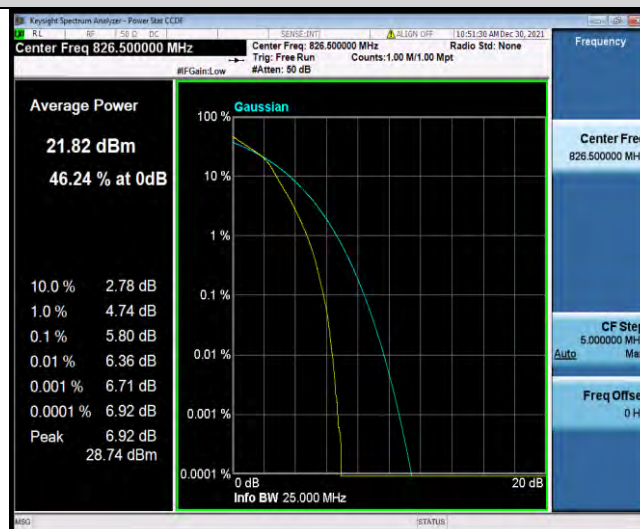
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Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-1RB#0

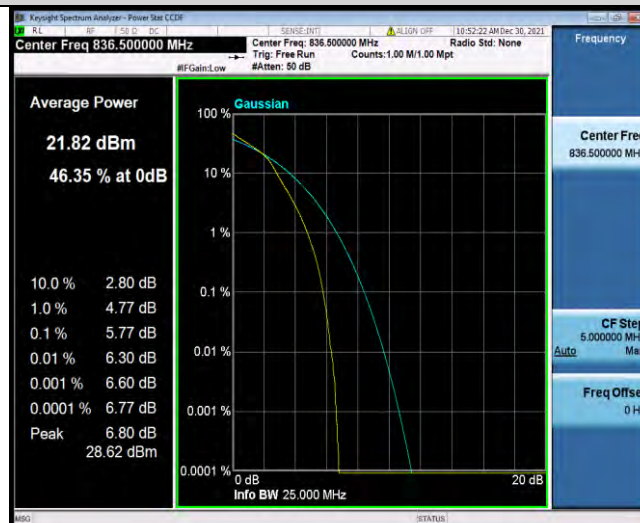


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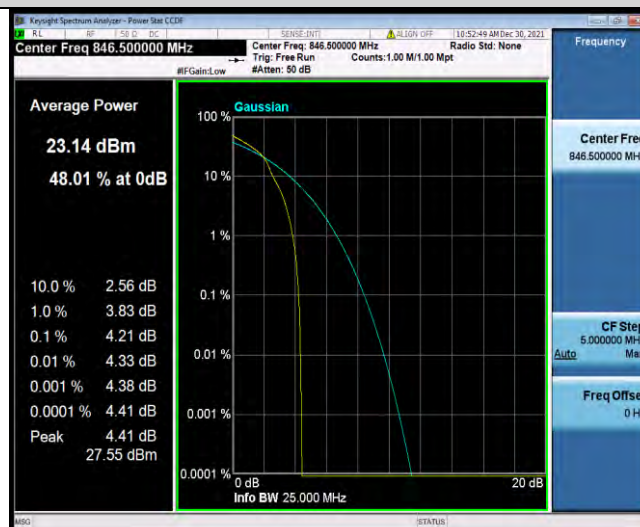
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Band5-5MHz-16QAM-20625-1RB#0

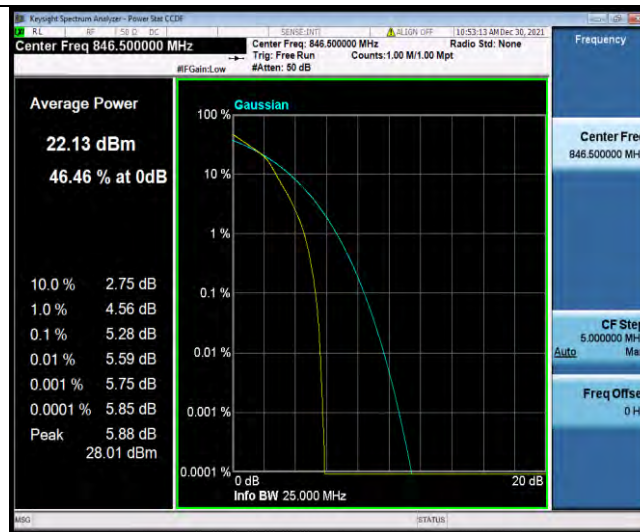


Band5-5MHz-16QAM-20625-25RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-1RB#0

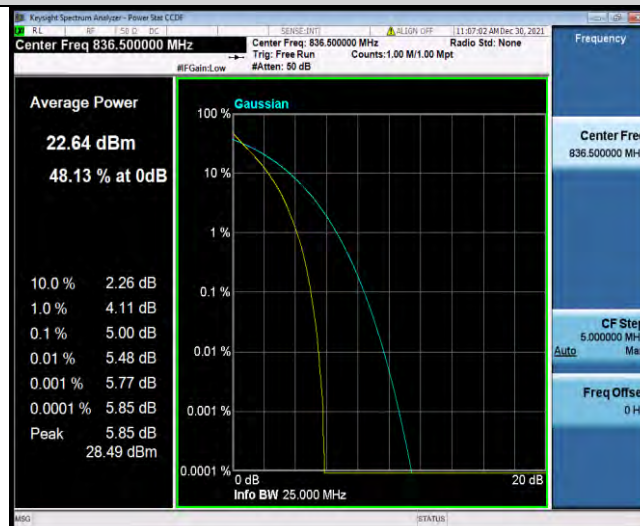


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VERITAS

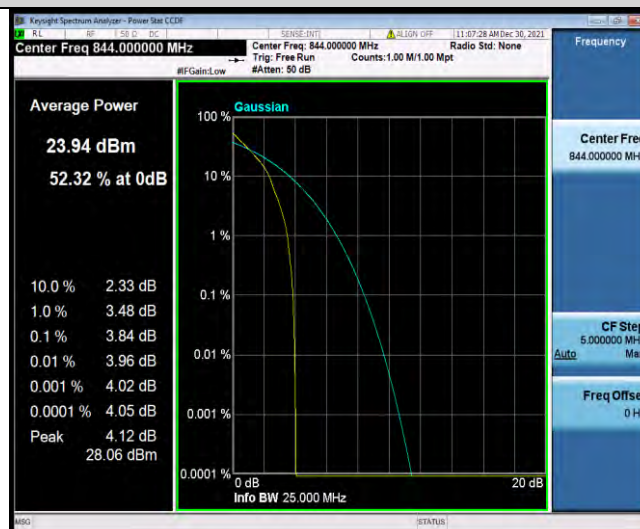
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Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-50RB#0



BUREAU
VERITAS

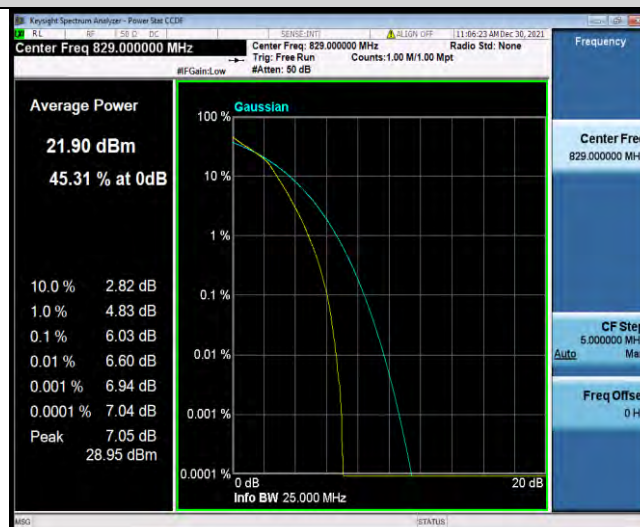
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Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-1RB#0

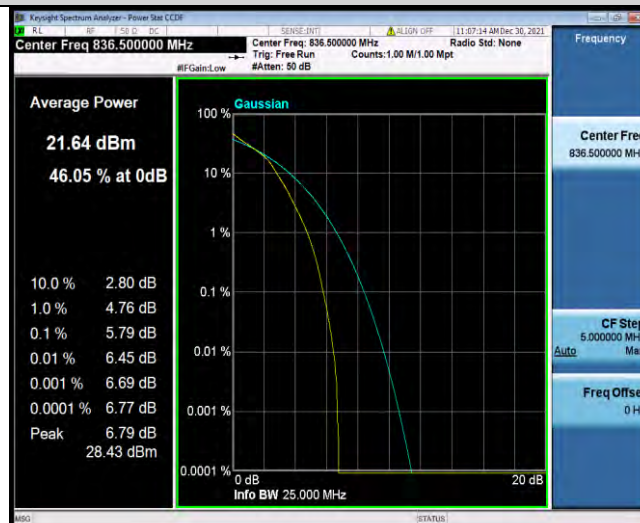


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VERITAS

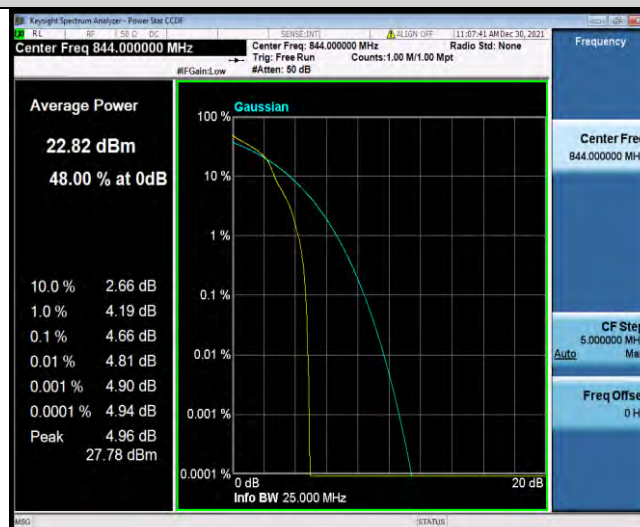
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Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0

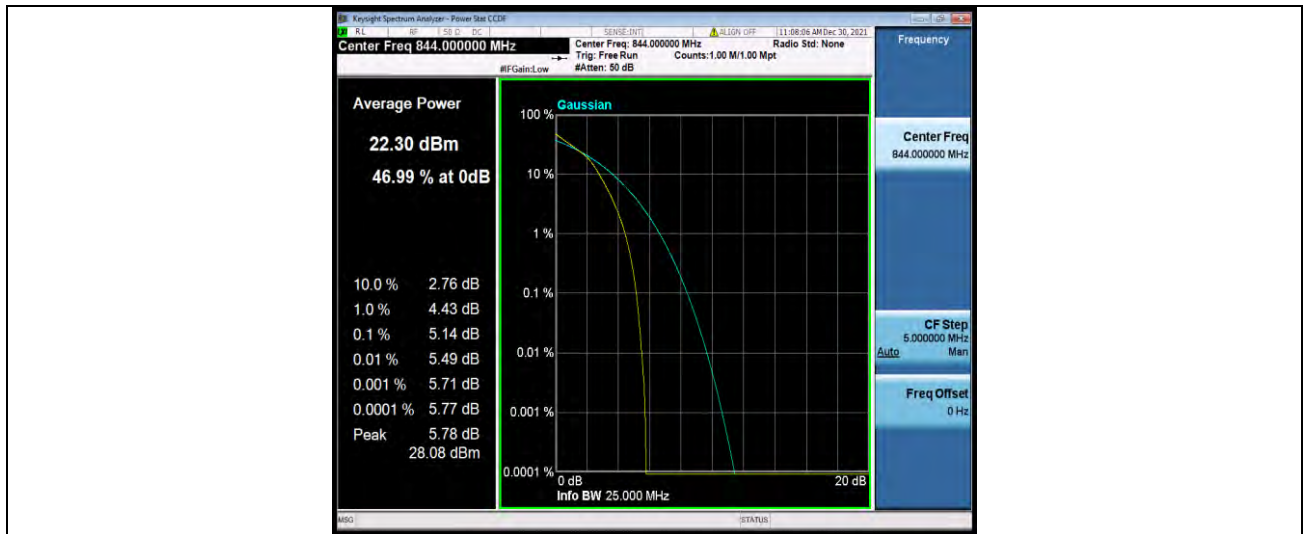


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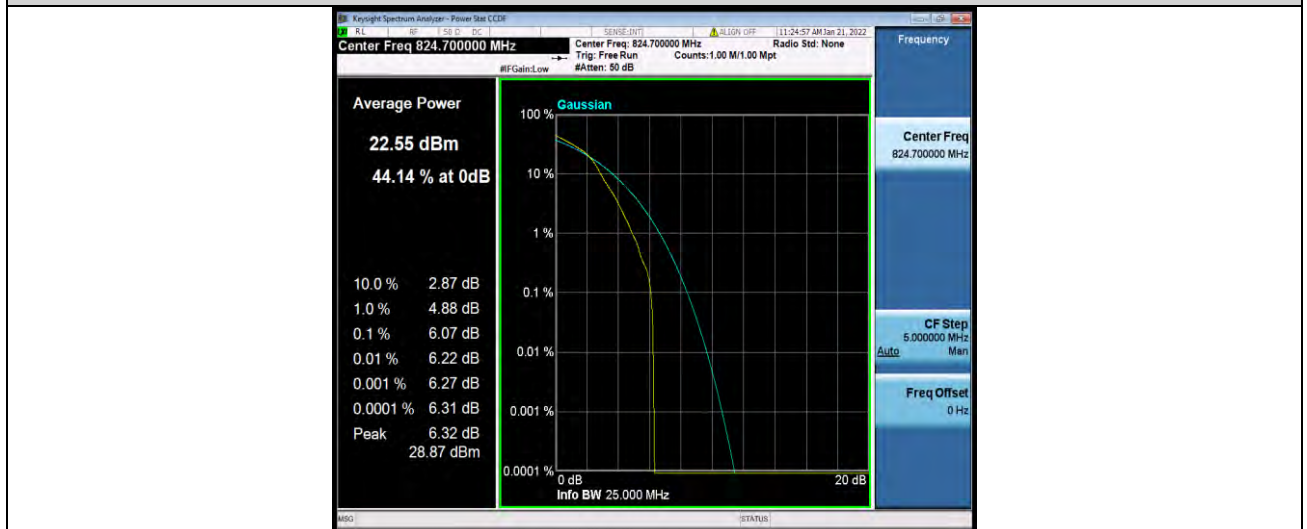


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VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-64QAM-20407-1RB#0



Band5-1.4MHz-64QAM-20407-6RB#0

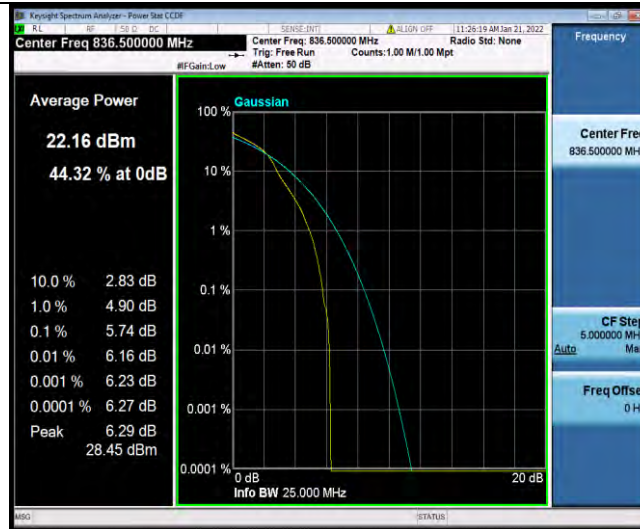


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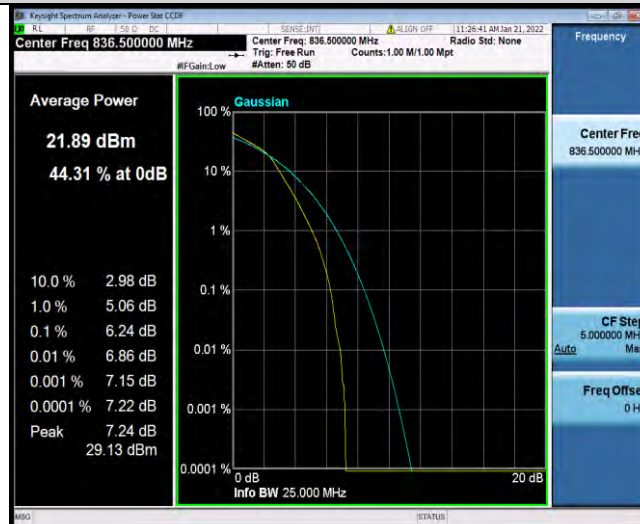


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VERITAS

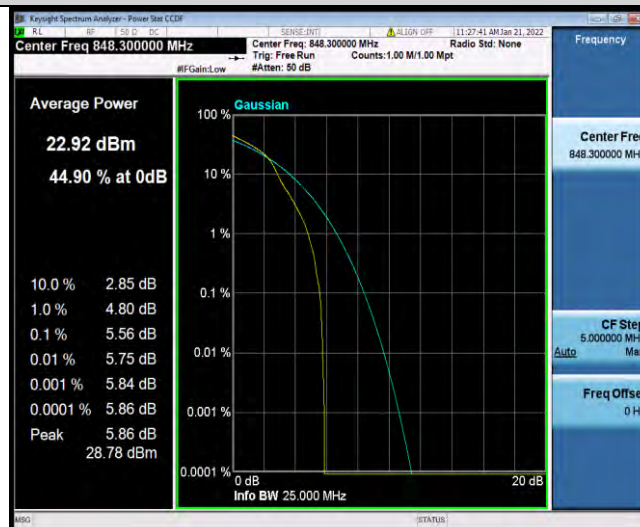
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Band5-1.4MHz-64QAM-20525-6RB#0



Band5-1.4MHz-64QAM-20643-1RB#0

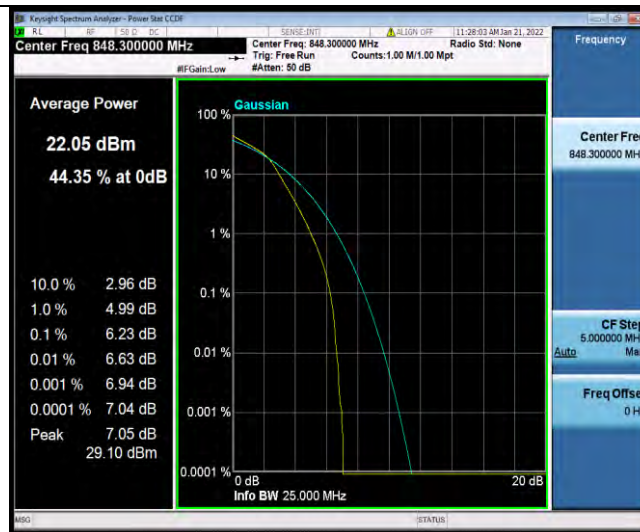


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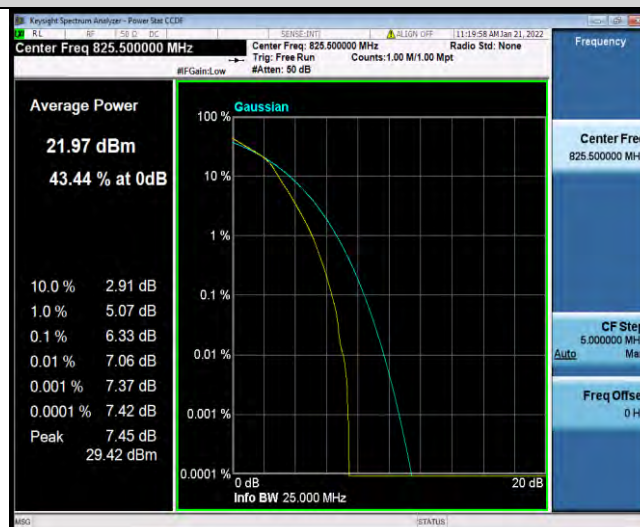
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-64QAM-20415-1RB#0



Band5-3MHz-64QAM-20415-15RB#0

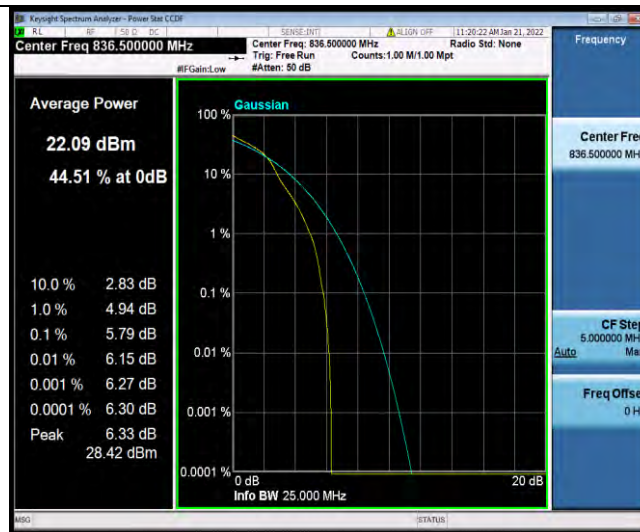


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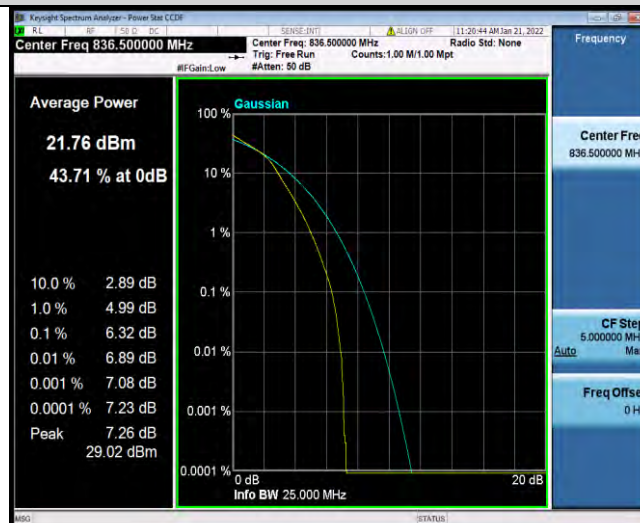


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VERITAS

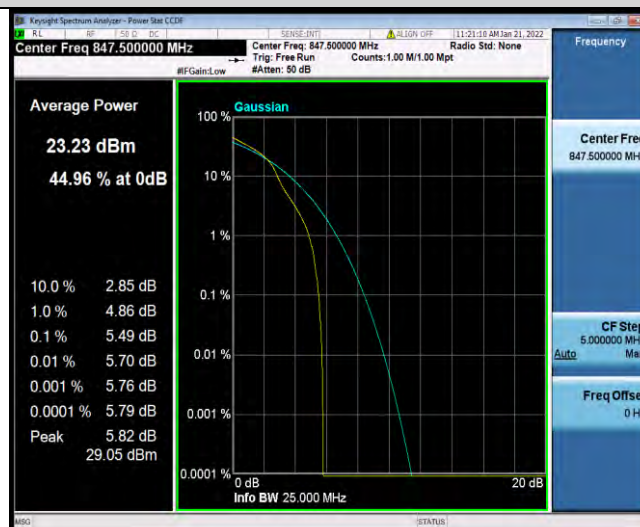
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Band5-3MHz-64QAM-20525-15RB#0



Band5-3MHz-64QAM-20635-1RB#0

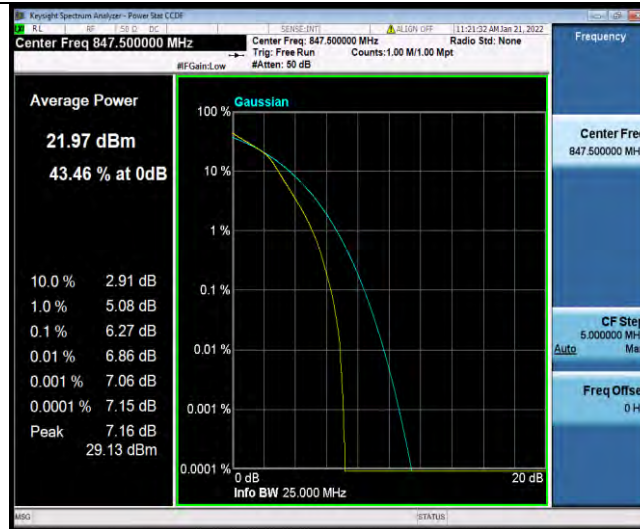


Band5-3MHz-64QAM-20635-15RB#0

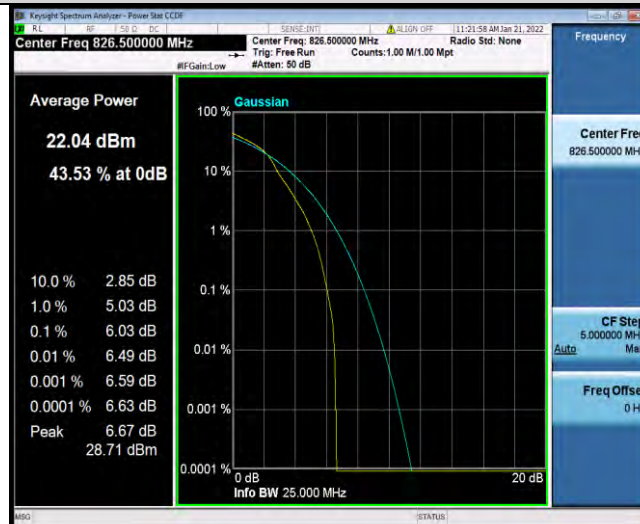


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VERITAS

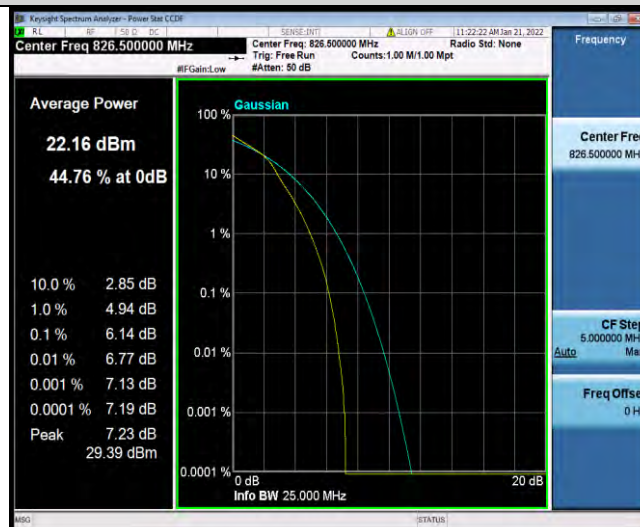
Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-64QAM-20425-1RB#0



Band5-5MHz-64QAM-20425-25RB#0



Band5-5MHz-64QAM-20525-1RB#0

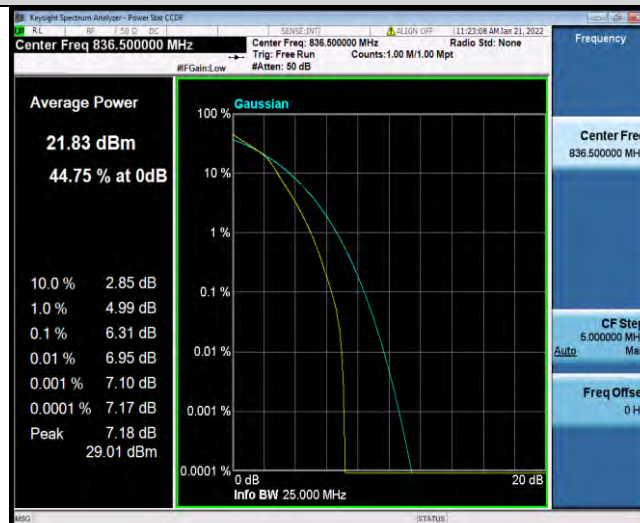


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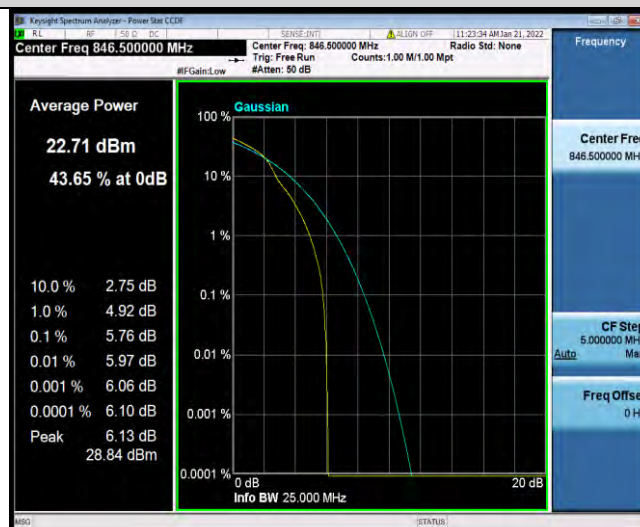
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Band5-5MHz-64QAM-20525-25RB#0



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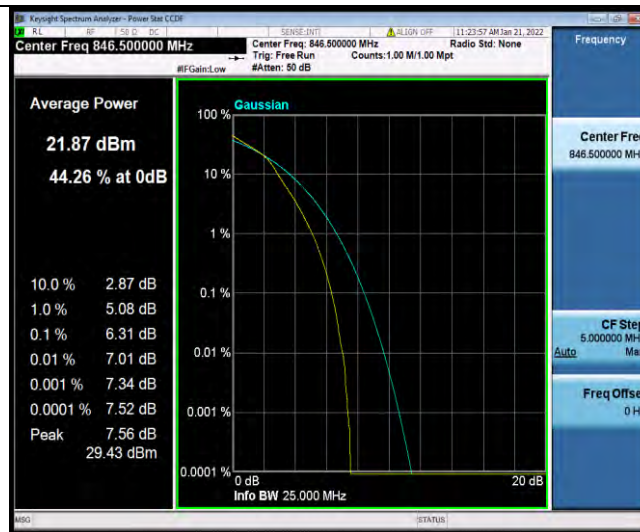


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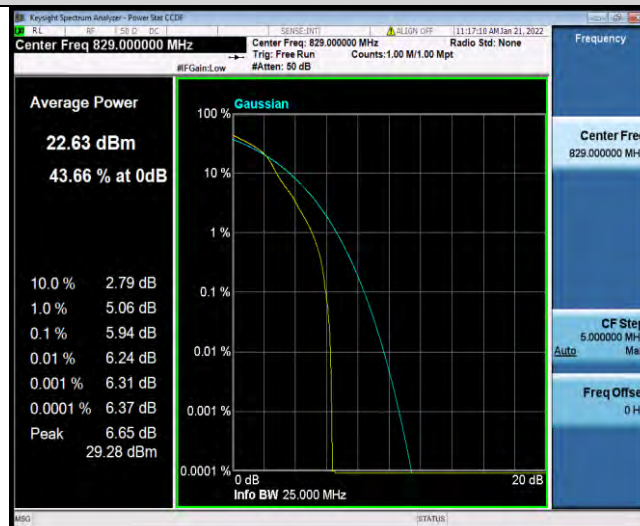


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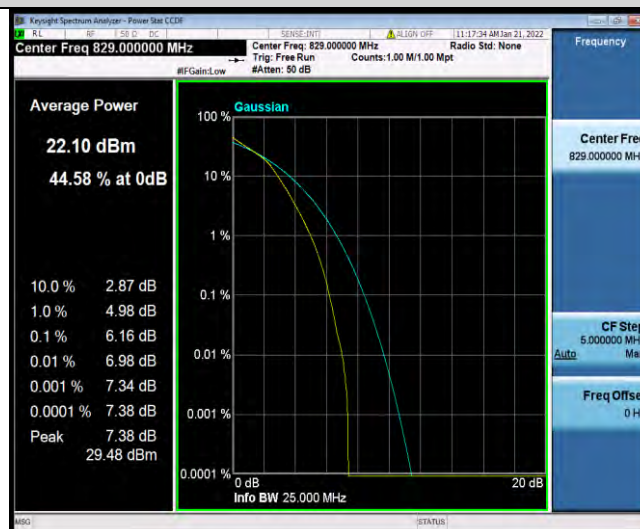
Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-64QAM-20450-1RB#0



Band5-10MHz-64QAM-20450-50RB#0

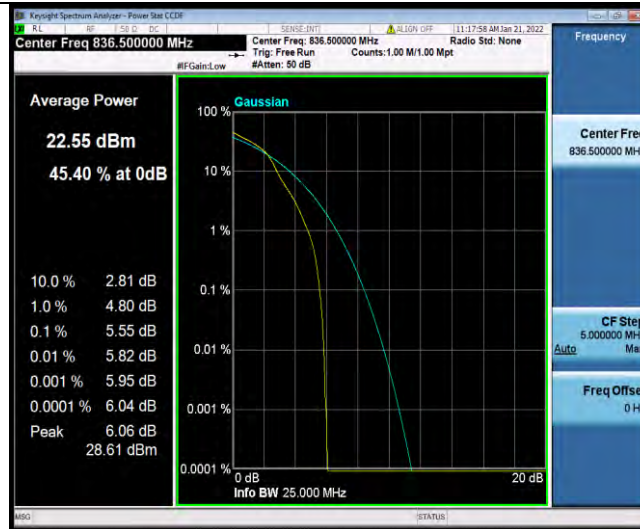


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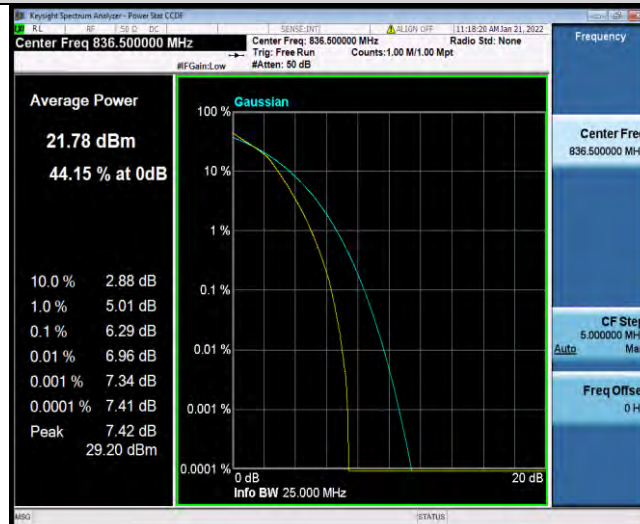


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VERITAS

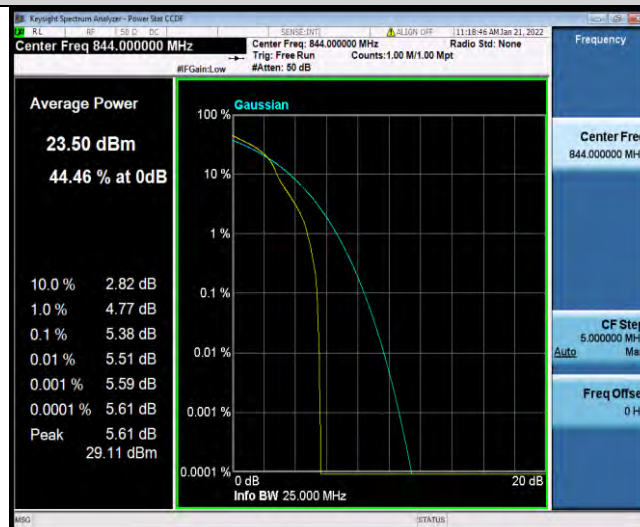
Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-64QAM-20525-50RB#0



Band5-10MHz-64QAM-20600-1RB#0

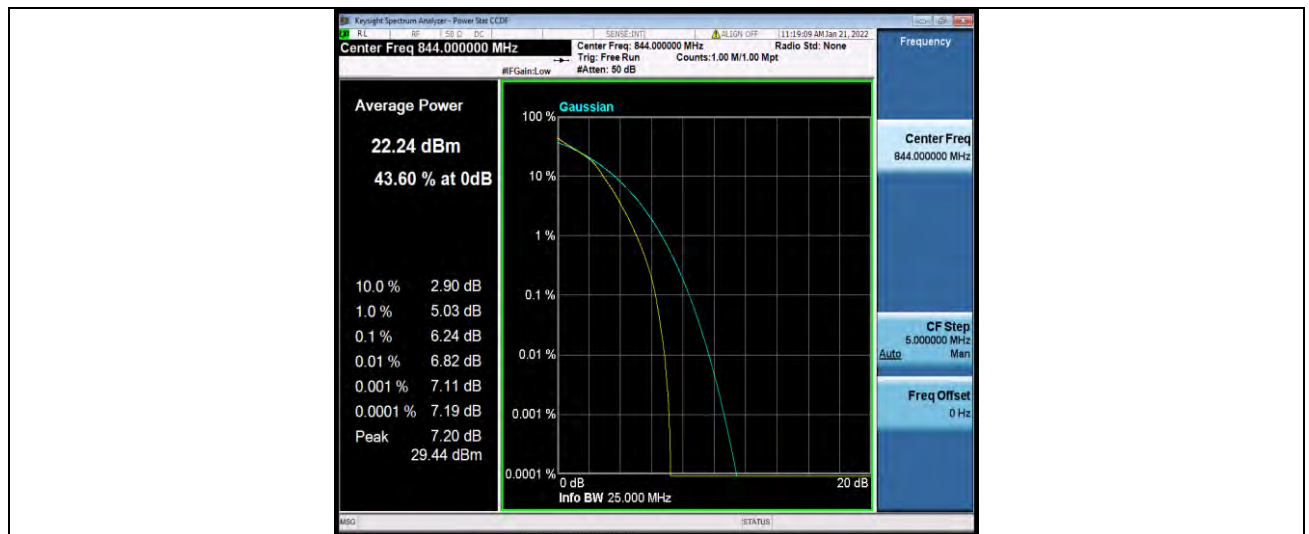


Band5-10MHz-64QAM-20600-50RB#0



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VERITAS

Test Report No.: W7L-P22030026-2RF03

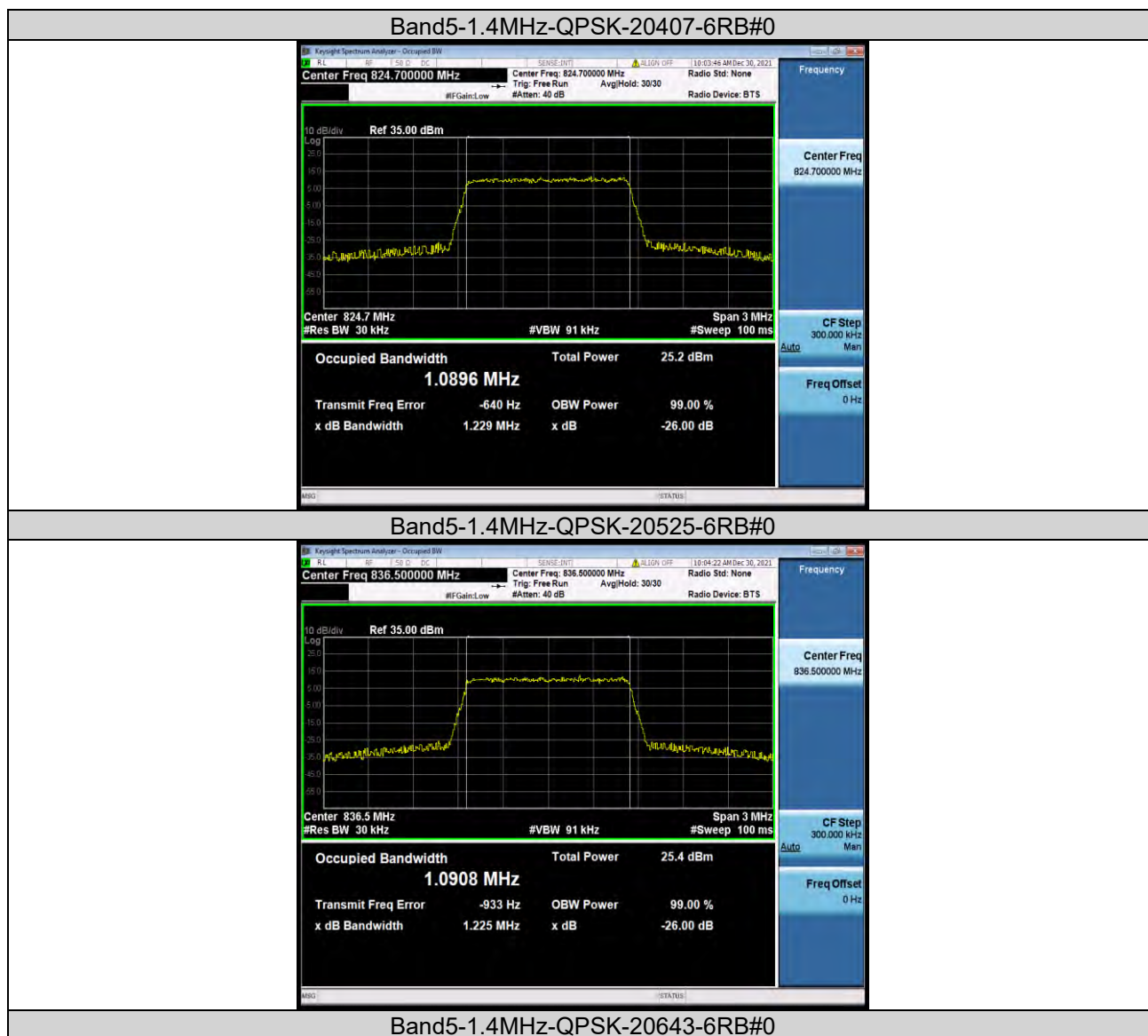


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0896	1.229	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0908	1.225	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0896	1.239	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0915	1.242	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0924	1.242	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0912	1.239	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6941	2.969	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6977	2.960	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6995	2.954	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6934	2.964	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6977	3.008	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6959	2.961	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4929	4.863	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4931	4.887	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4960	4.881	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4866	4.858	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4988	4.916	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5036	4.881	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9822	9.595	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9857	9.578	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9811	9.557	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9641	9.581	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9759	9.622	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9802	9.555	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.0894	1.239	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0890	1.226	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0903	1.237	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.6974	2.984	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6927	2.961	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6927	2.957	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.4958	4.877	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.4950	4.902	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.5080	4.894	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9612	9.546	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9788	9.557	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9944	9.575	PASS

Test Graphs



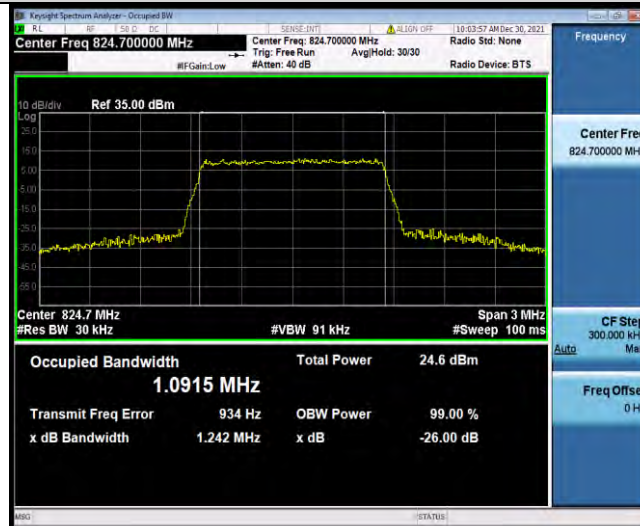


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Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20525-6RB#0

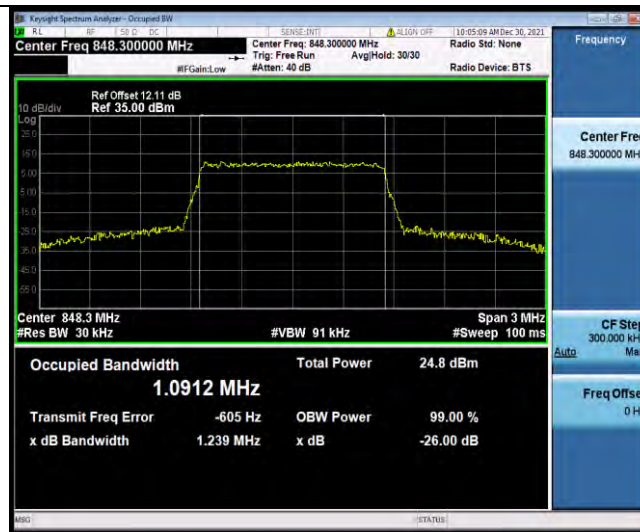


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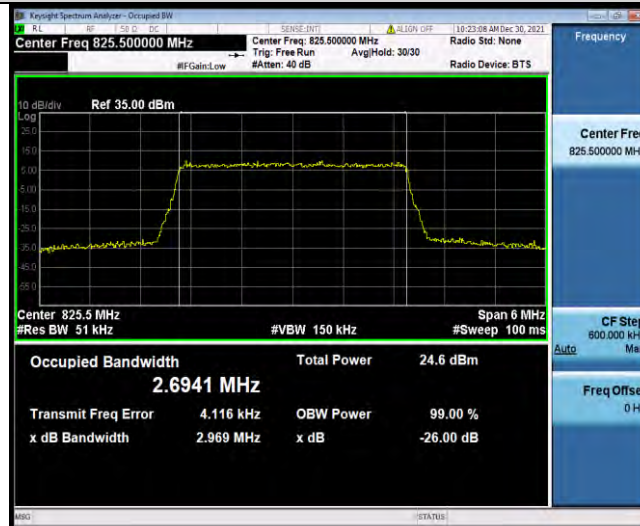


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VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20525-15RB#0

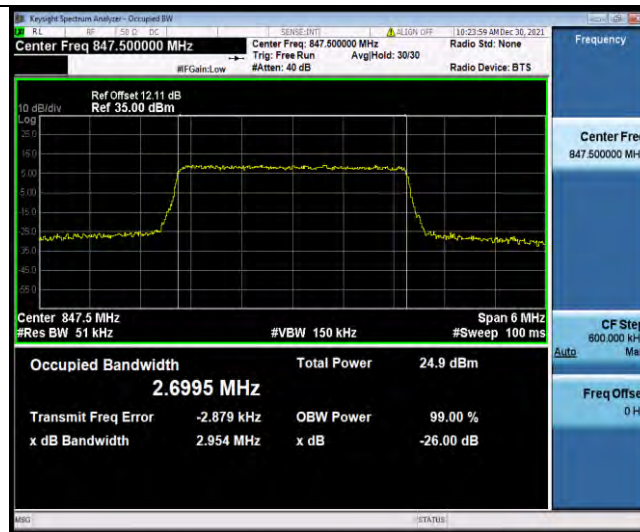


Band5-3MHz-QPSK-20635-15RB#0



BUREAU
VERITAS

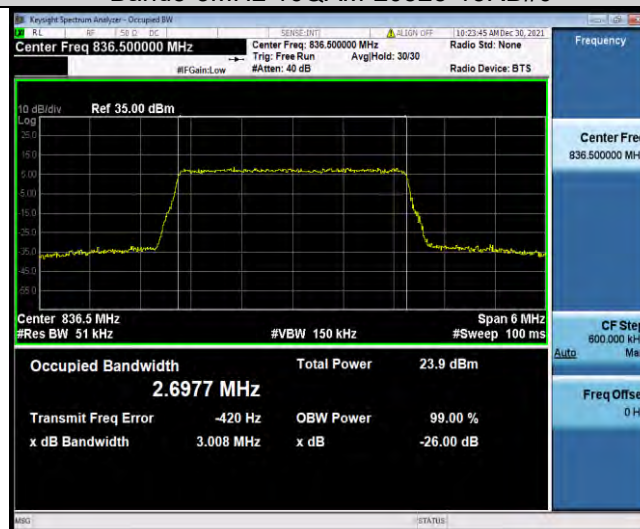
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0

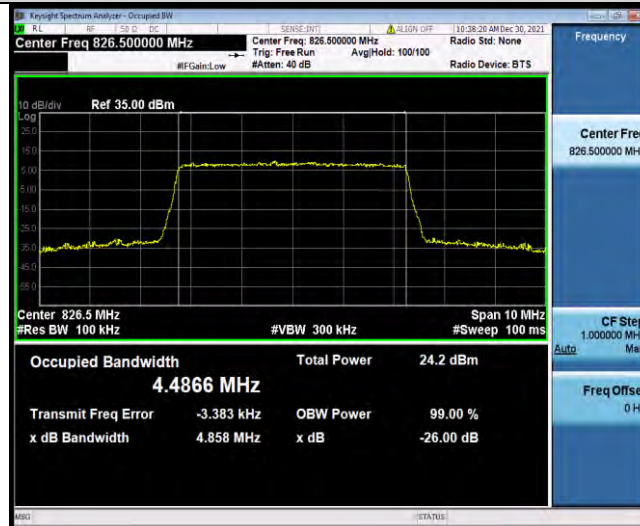


BUREAU
VERITAS

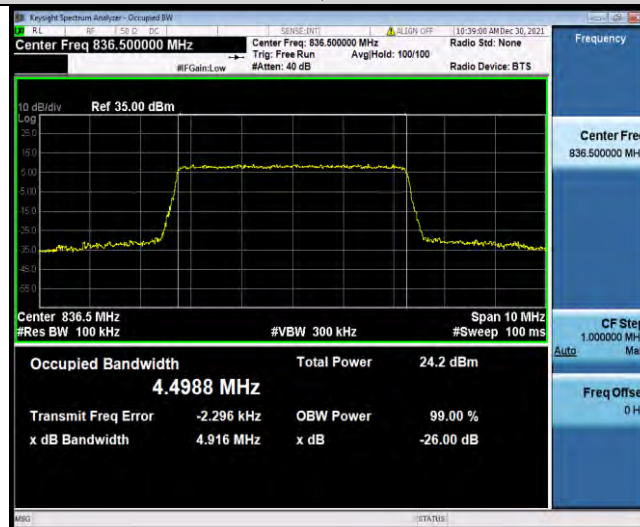
Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



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VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



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VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-64QAM-20407-6RB#0



Band5-1.4MHz-64QAM-20525-6RB#0



Band5-1.4MHz-64QAM-20643-6RB#0

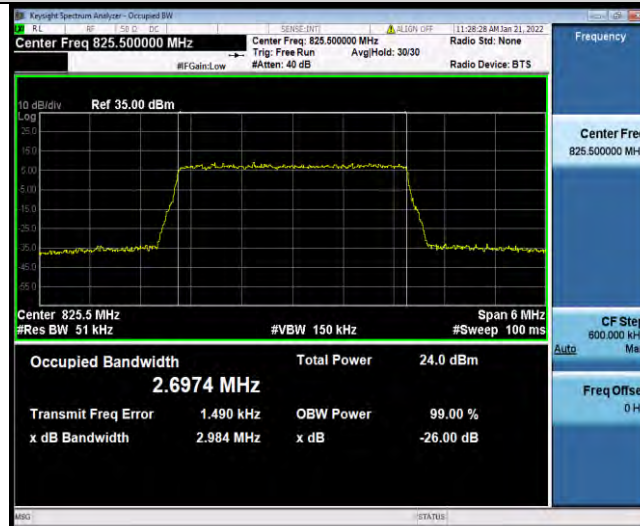


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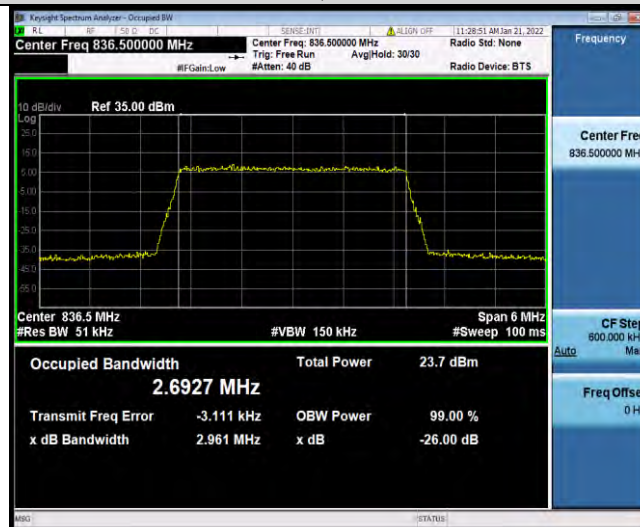
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-64QAM-20415-15RB#0



Band5-3MHz-64QAM-20525-15RB#0



Band5-3MHz-64QAM-20635-15RB#0

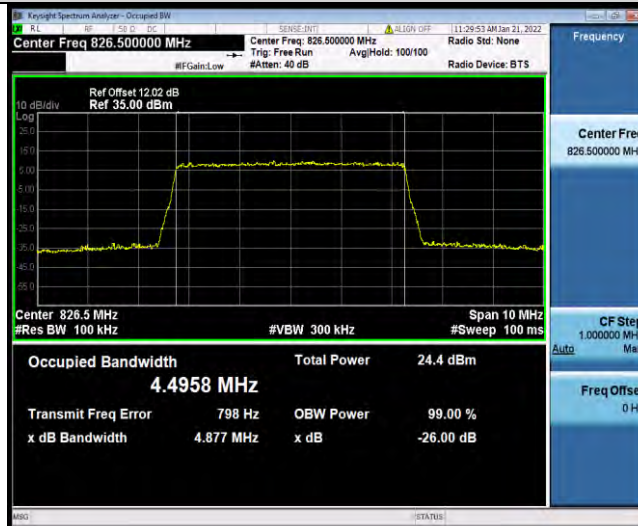


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Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-64QAM-20425-25RB#0



Band5-5MHz-64QAM-20525-25RB#0



Band5-5MHz-64QAM-20625-25RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-64QAM-20450-50RB#0



Band5-10MHz-64QAM-20525-50RB#0



Band5-10MHz-64QAM-20600-50RB#0



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Test Report No.: W7L-P22030026-2RF03



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-25.93	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-32.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-29.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-31.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-25.95	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-27.93	PASS
Band5	3MHz	QPSK	20415	1RB#0	-19.25	PASS
Band5	3MHz	QPSK	20415	15RB#0	-21.68	PASS
Band5	3MHz	QPSK	20635	1RB#14	-18.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	-21.00	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.90	PASS
Band5	3MHz	16QAM	20415	15RB#0	-22.87	PASS
Band5	3MHz	16QAM	20635	1RB#14	-20.16	PASS
Band5	3MHz	16QAM	20635	15RB#0	-23.46	PASS
Band5	5MHz	QPSK	20425	1RB#0	-15.31	PASS
Band5	5MHz	QPSK	20425	25RB#0	-26.22	PASS
Band5	5MHz	QPSK	20625	1RB#24	-14.66	PASS
Band5	5MHz	QPSK	20625	25RB#0	-24.62	PASS
Band5	5MHz	16QAM	20425	1RB#0	-16.59	PASS
Band5	5MHz	16QAM	20425	25RB#0	-27.05	PASS
Band5	5MHz	16QAM	20625	1RB#24	-16.35	PASS
Band5	5MHz	16QAM	20625	25RB#0	-25.78	PASS
Band5	10MHz	QPSK	20450	1RB#0	-17.63	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.23	PASS
Band5	10MHz	QPSK	20600	1RB#49	-16.79	PASS
Band5	10MHz	QPSK	20600	50RB#0	-25.03	PASS
Band5	10MHz	16QAM	20450	1RB#0	-19.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	-29.84	PASS
Band5	10MHz	16QAM	20600	1RB#49	-17.41	PASS
Band5	10MHz	16QAM	20600	50RB#0	-26.65	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-30.59	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-34.99	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-28.77	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-36.19	PASS
Band5	3MHz	64QAM	20415	1RB#0	-21.72	PASS
Band5	3MHz	64QAM	20415	15RB#0	-22.50	PASS
Band5	3MHz	64QAM	20635	1RB#14	-20.56	PASS
Band5	3MHz	64QAM	20635	15RB#0	-22.80	PASS
Band5	5MHz	64QAM	20425	1RB#0	-16.11	PASS
Band5	5MHz	64QAM	20425	25RB#0	-27.47	PASS
Band5	5MHz	64QAM	20625	1RB#24	-16.43	PASS
Band5	5MHz	64QAM	20625	25RB#0	-27.75	PASS

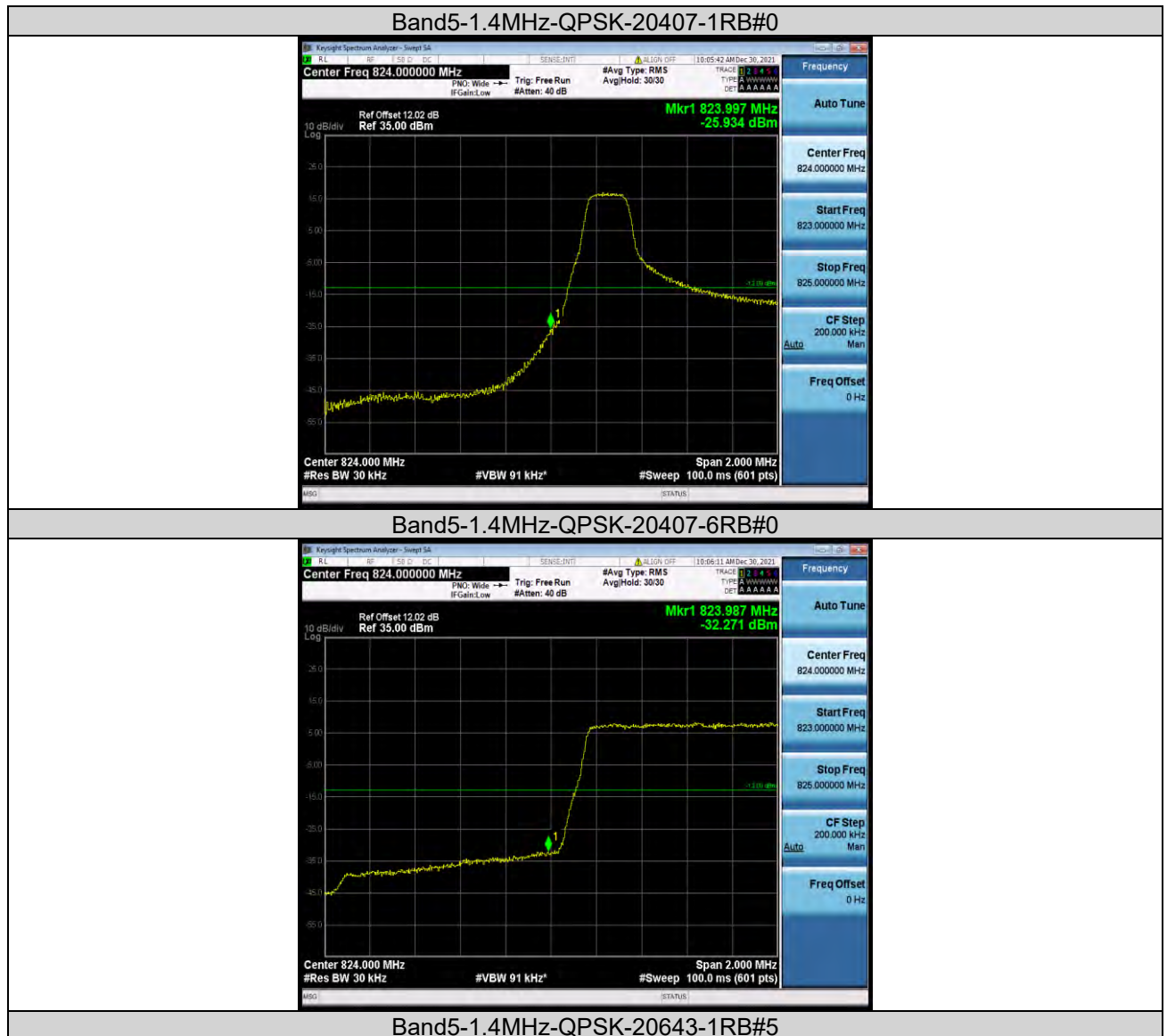


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Test Report No.: W7L-P22030026-2RF03

Band5	10MHz	64QAM	20450	1RB#0	-18.56	PASS
Band5	10MHz	64QAM	20450	50RB#0	-30.91	PASS
Band5	10MHz	64QAM	20600	1RB#49	-17.59	PASS
Band5	10MHz	64QAM	20600	50RB#0	-29.23	PASS

Test Graphs





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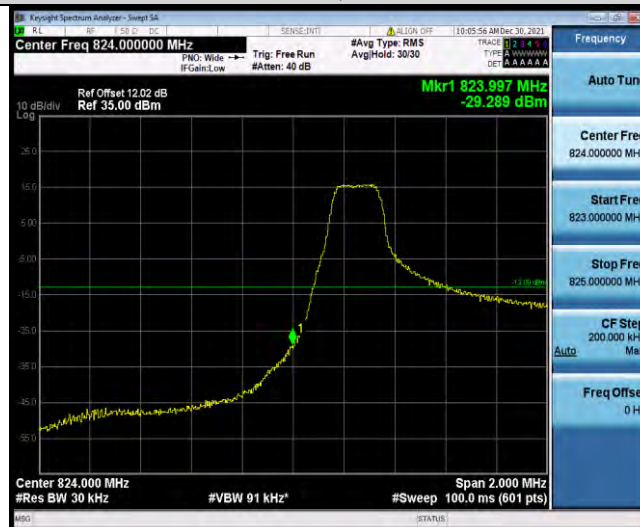
Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-6RB#0

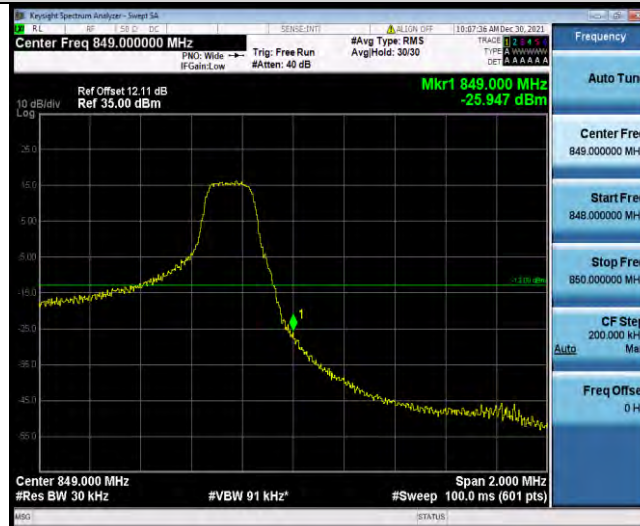


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Test Report No.: W7L-P22030026-2RF03



Band5-1.4MHz-16QAM-20643-1RB#5



Band5-1.4MHz-16QAM-20643-6RB#0

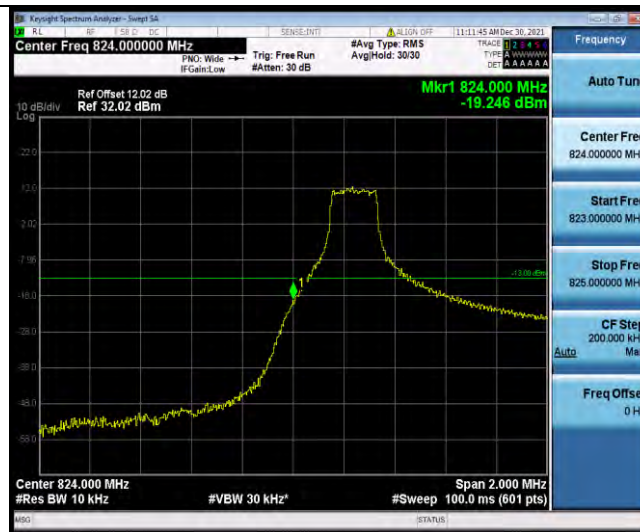


Band5-3MHz-QPSK-20415-1RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-16QAM-20415-1RB#0



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#14



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Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0

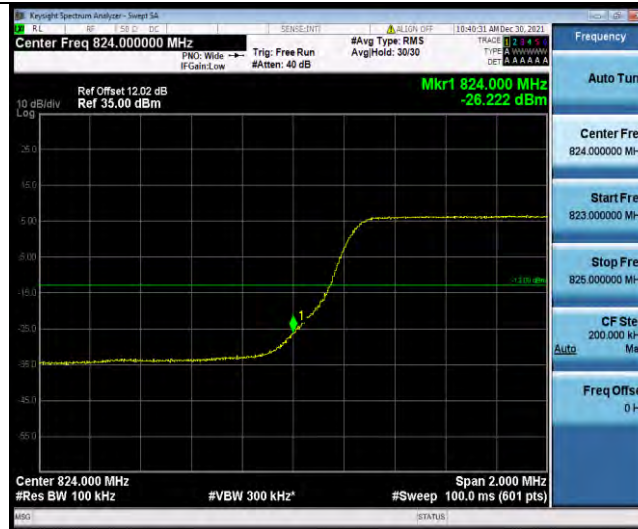


Band5-5MHz-QPSK-20425-25RB#0

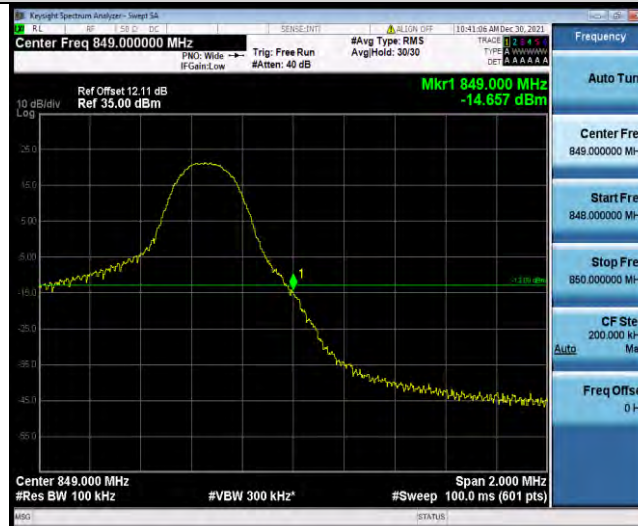


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Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0

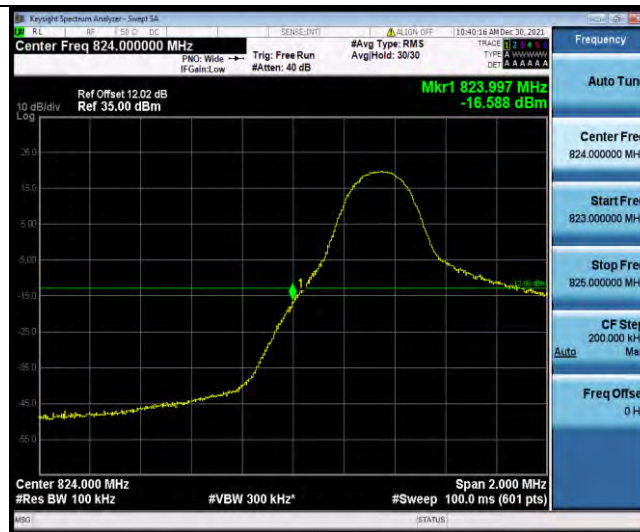


Band5-5MHz-16QAM-20425-1RB#0



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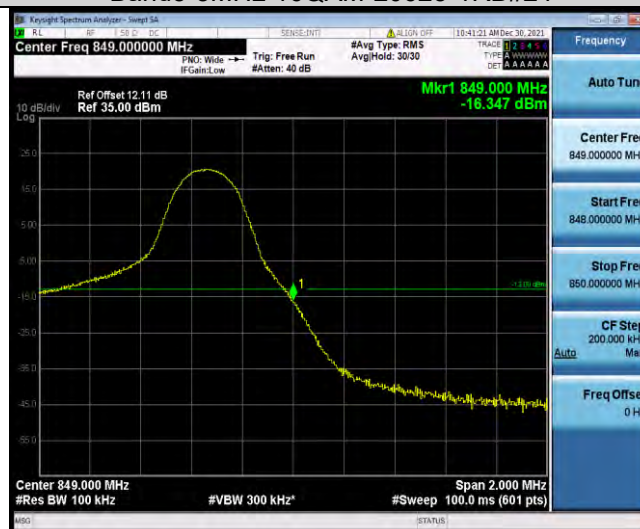
Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#24



Band5-5MHz-16QAM-20625-25RB#0

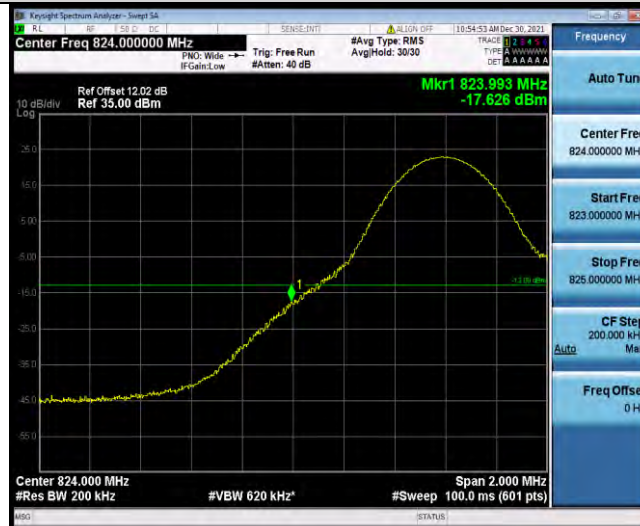


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Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#49



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Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0

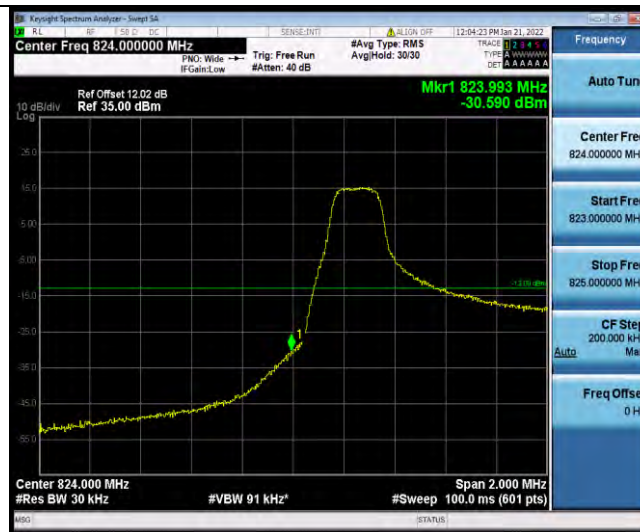


Band5-1.4MHz-64QAM-20407-1RB#0

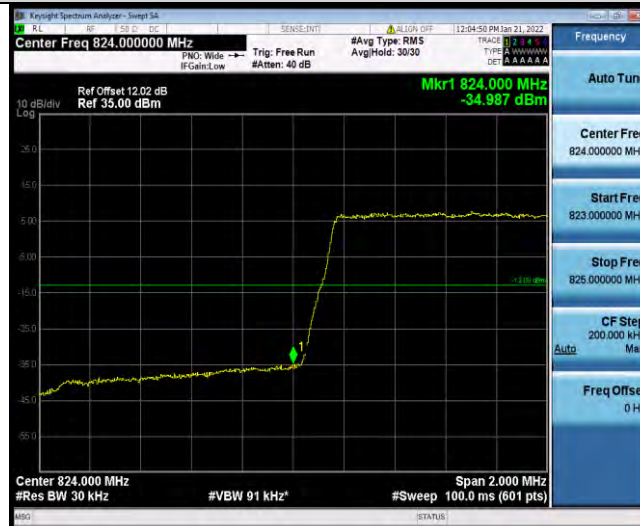


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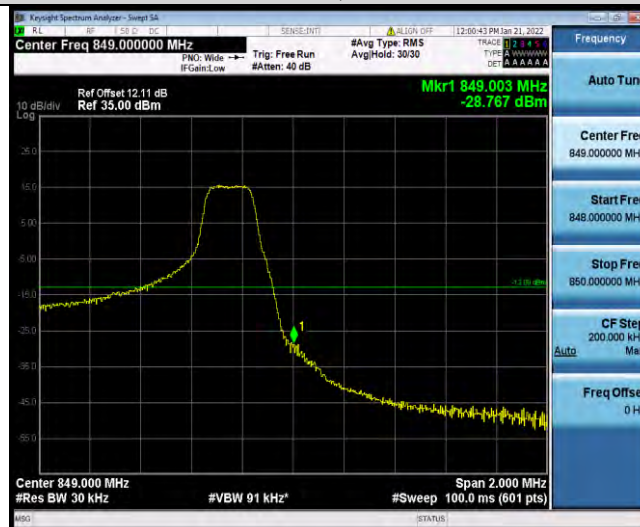
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Band5-1.4MHz-64QAM-20407-6RB#0



Band5-1.4MHz-64QAM-20643-1RB#5



Band5-1.4MHz-64QAM-20643-6RB#0

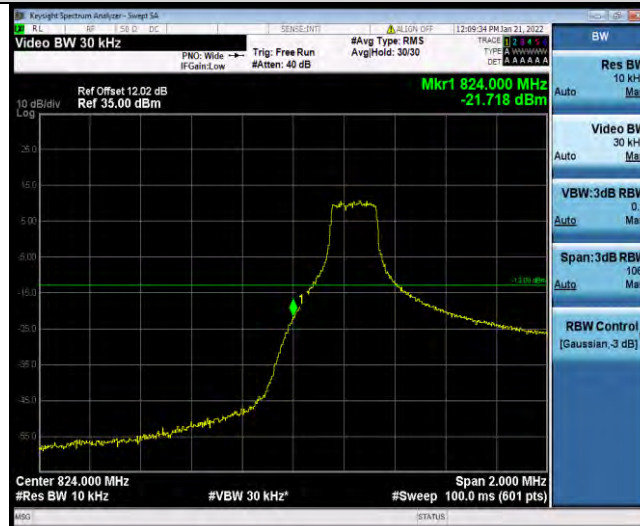


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Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-64QAM-20415-1RB#0



Band5-3MHz-64QAM-20415-15RB#0

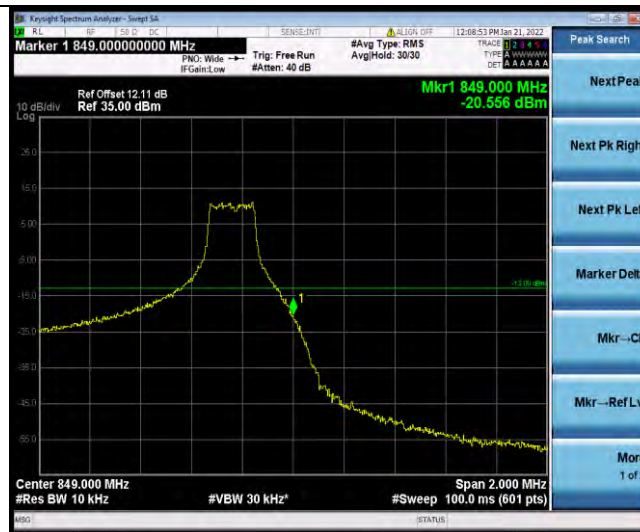


Band5-3MHz-64QAM-20635-1RB#14



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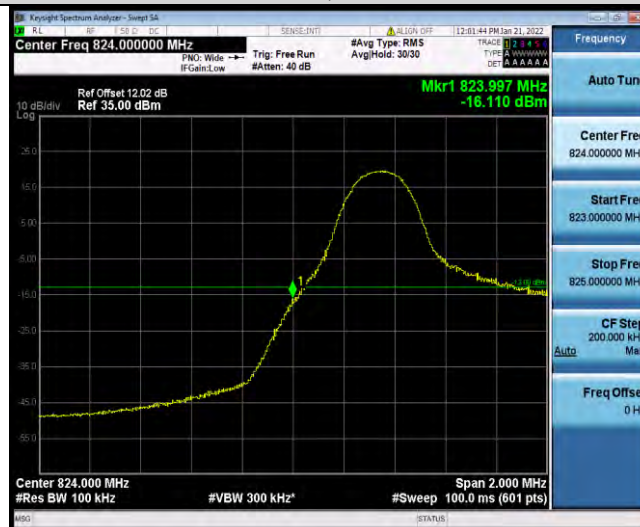
Test Report No.: W7L-P22030026-2RF03



Band5-3MHz-64QAM-20635-15RB#0



Band5-5MHz-64QAM-20425-1RB#0



Band5-5MHz-64QAM-20425-25RB#0

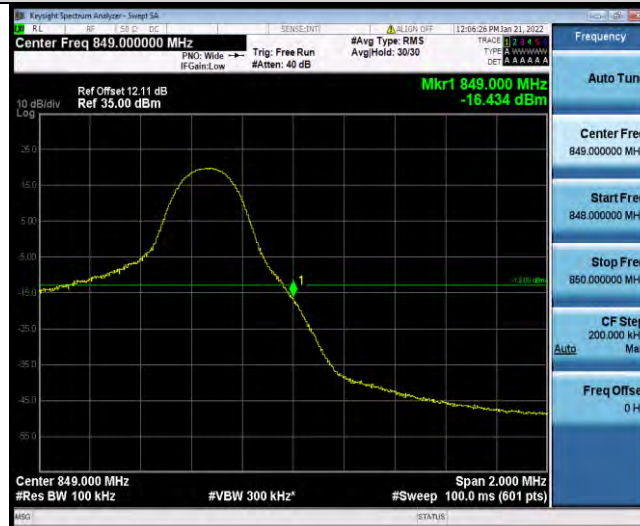


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Test Report No.: W7L-P22030026-2RF03



Band5-5MHz-64QAM-20625-1RB#24



Band5-5MHz-64QAM-20625-25RB#0

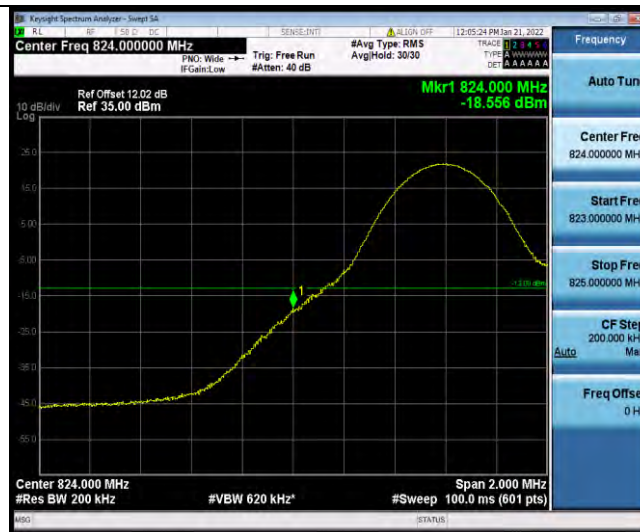


Band5-10MHz-64QAM-20450-1RB#0



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Test Report No.: W7L-P22030026-2RF03



Band5-10MHz-64QAM-20450-50RB#0



Band5-10MHz-64QAM-20600-1RB#49



Band5-10MHz-64QAM-20600-50RB#0



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Test Report No.: W7L-P22030026-2RF03

