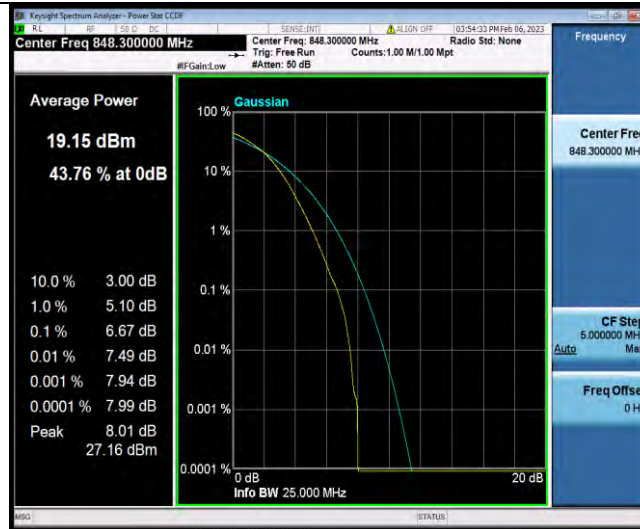




BUREAU
VERITAS

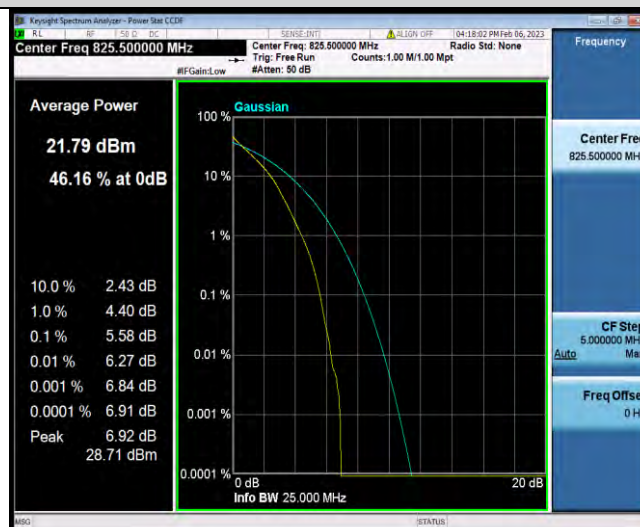
Test Report No.: W7L-P23010024RF04



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



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

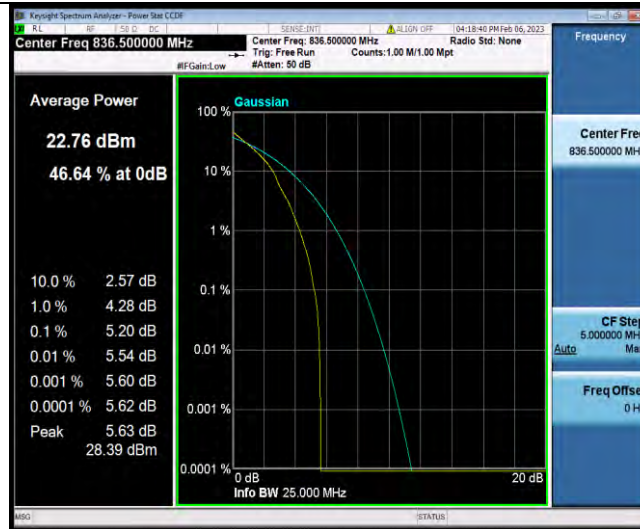


Band5-3MHz-QPSK-20525-1RB#0

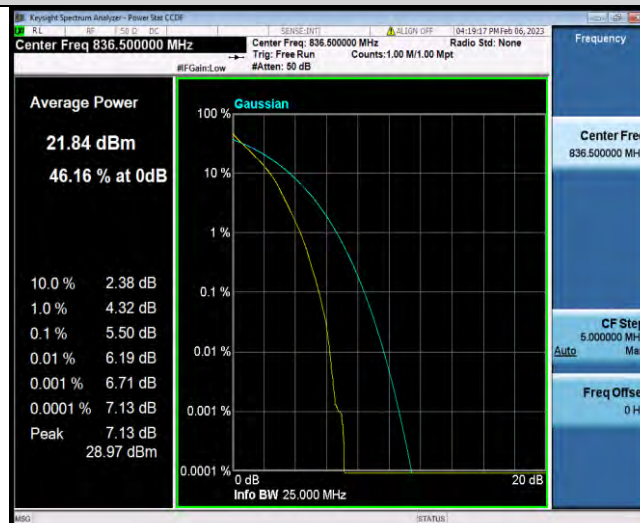


BUREAU
VERITAS

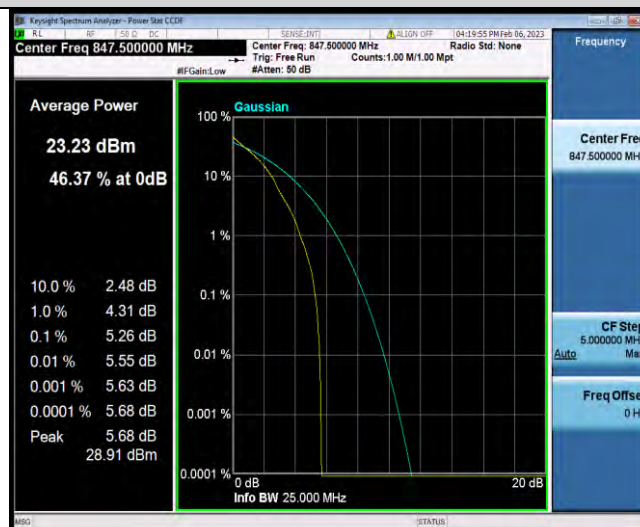
Test Report No.: W7L-P23010024RF04



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



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

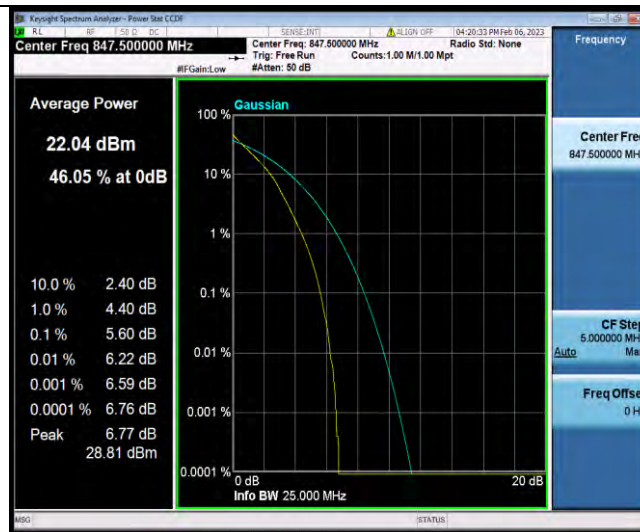


Band5-3MHz-QPSK-20635-15RB#0

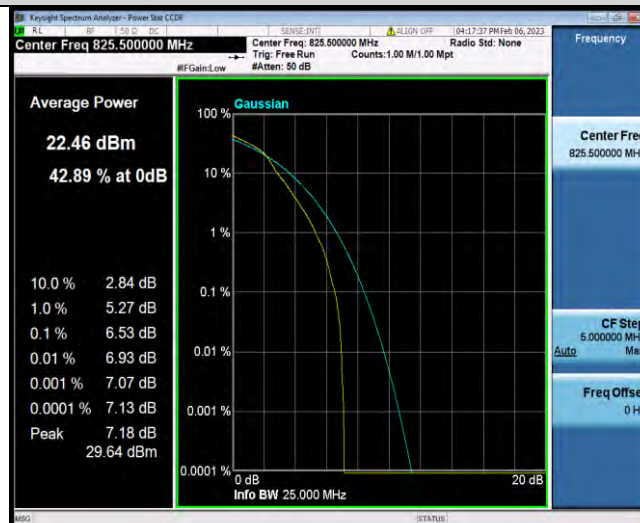


BUREAU
VERITAS

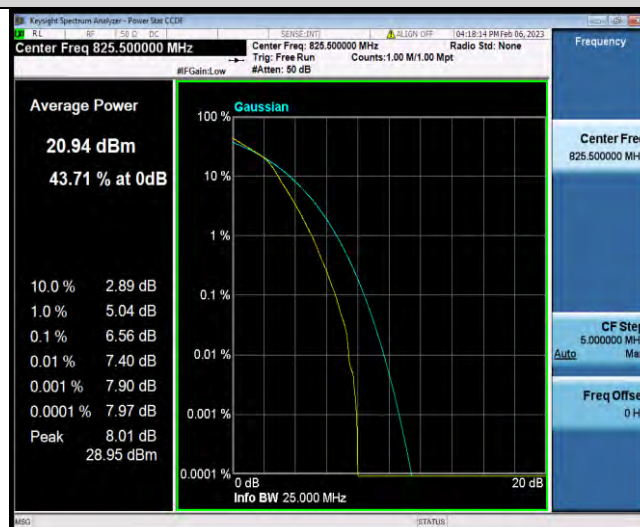
Test Report No.: W7L-P23010024RF04



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



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

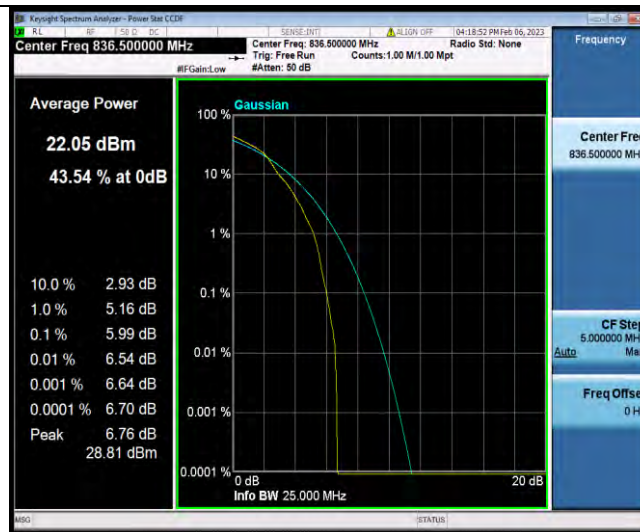


Band5-3MHz-16QAM-20525-1RB#0

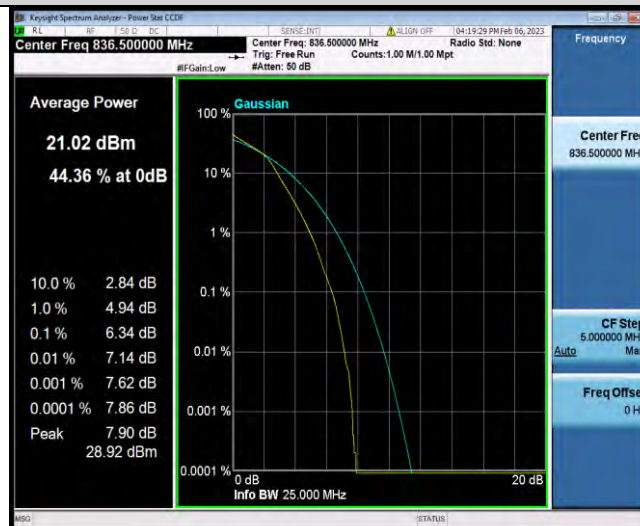


BUREAU
VERITAS

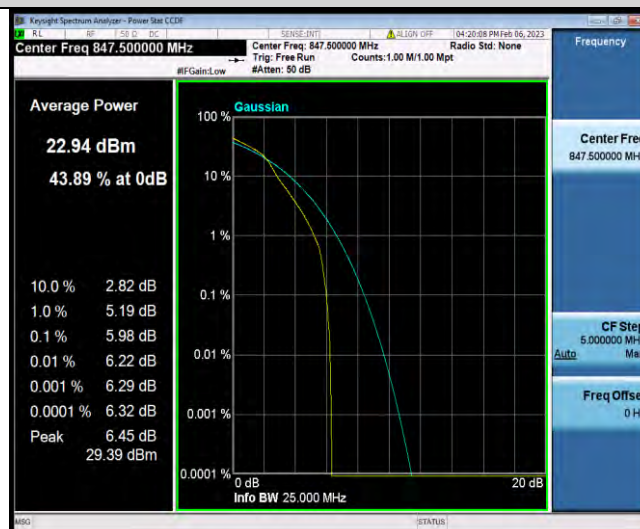
Test Report No.: W7L-P23010024RF04



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



Band5-3MHz-16QAM-20635-1RB#0



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



BUREAU
VERITAS

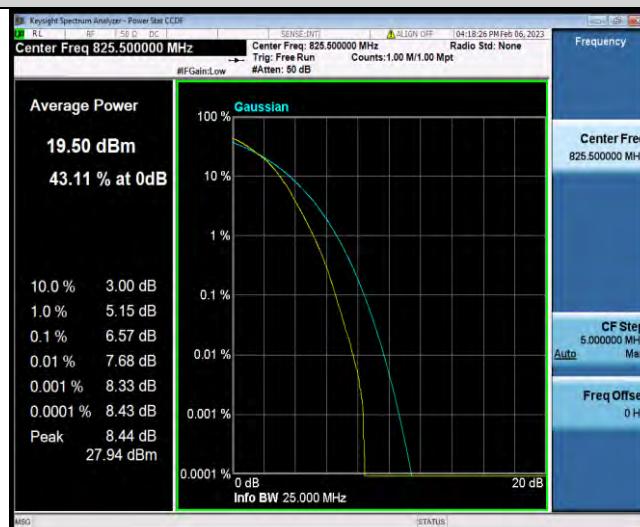
Test Report No.: W7L-P23010024RF04



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



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

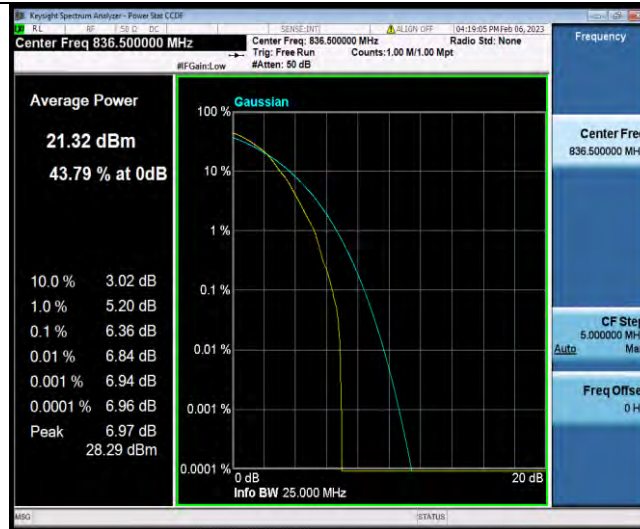


Band5-3MHz-64QAM-20525-1RB#0



BUREAU
VERITAS

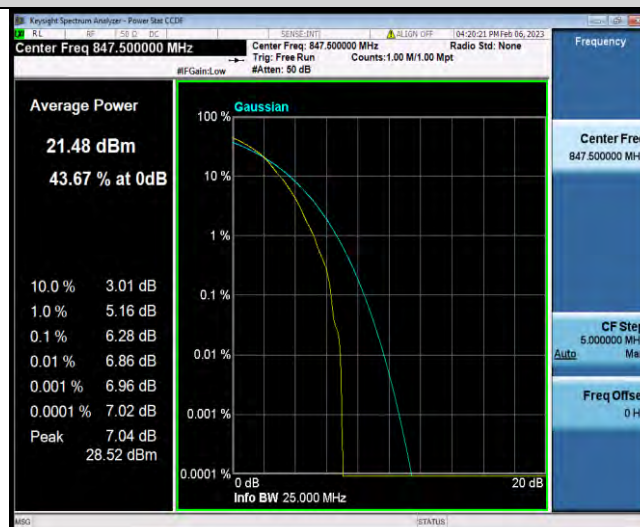
Test Report No.: W7L-P23010024RF04



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



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

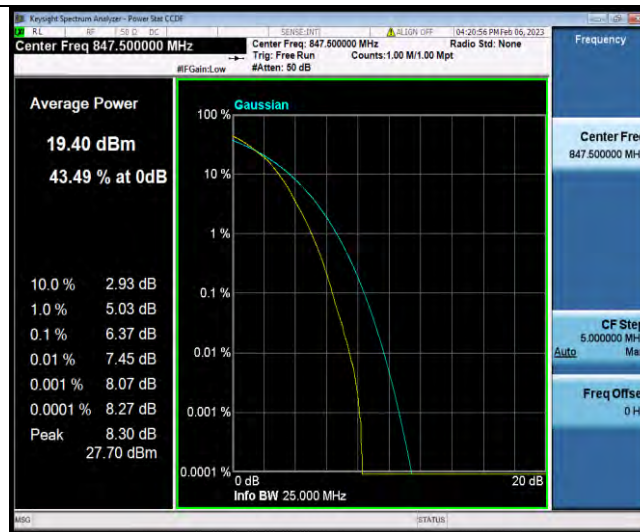


Band5-3MHz-64QAM-20635-15RB#0



BUREAU
VERITAS

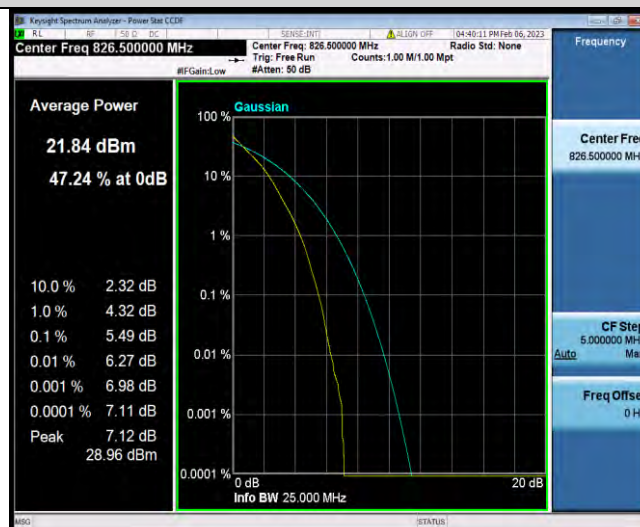
Test Report No.: W7L-P23010024RF04



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



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

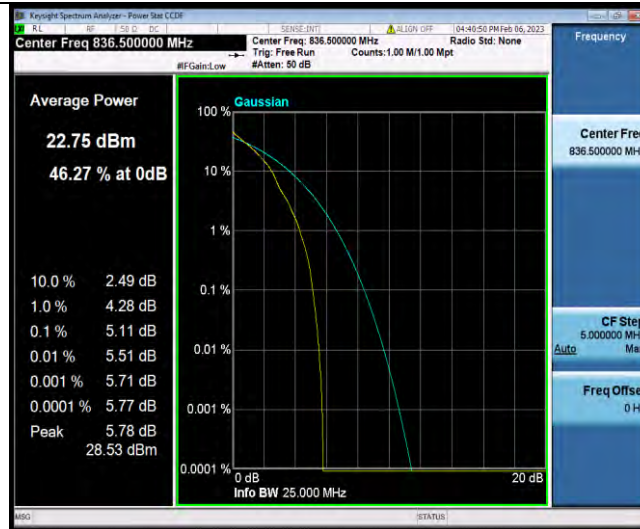


Band5-5MHz-QPSK-20525-1RB#0

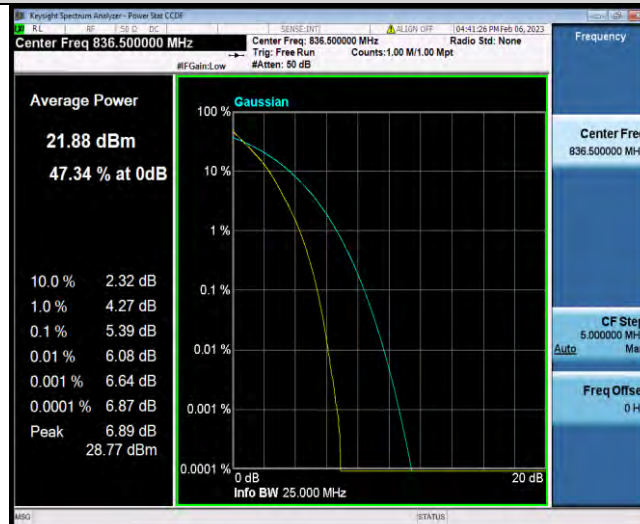


BUREAU
VERITAS

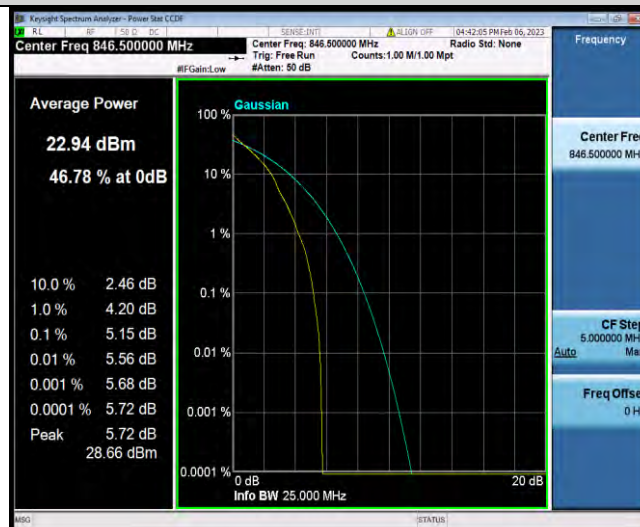
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

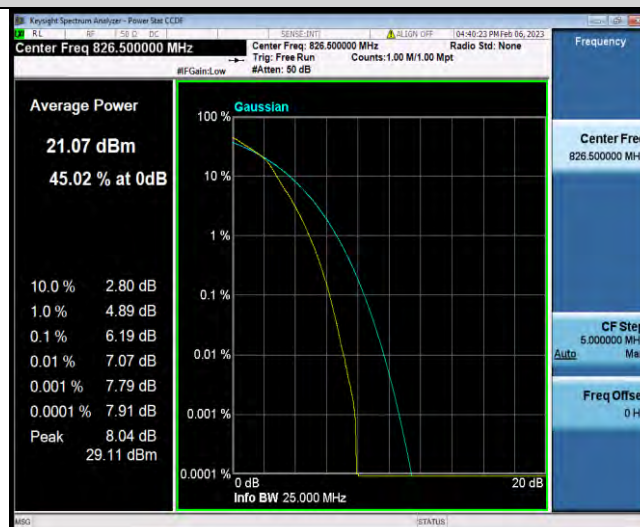
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

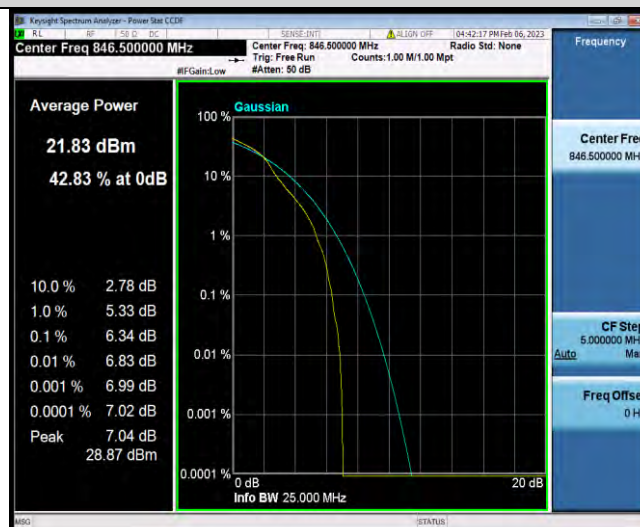
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

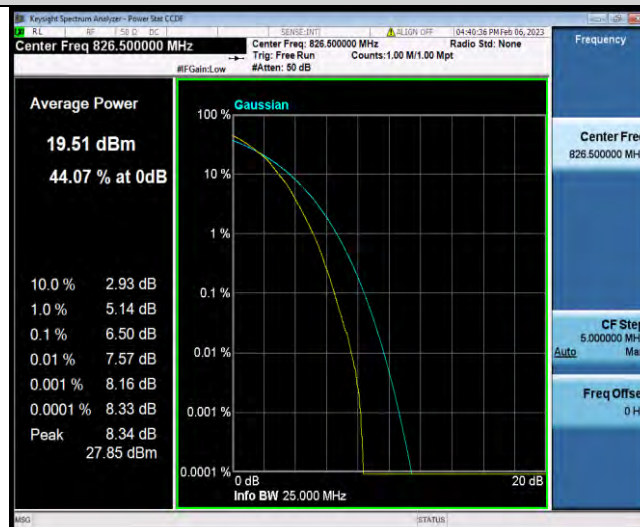
Test Report No.: W7L-P23010024RF04



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



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

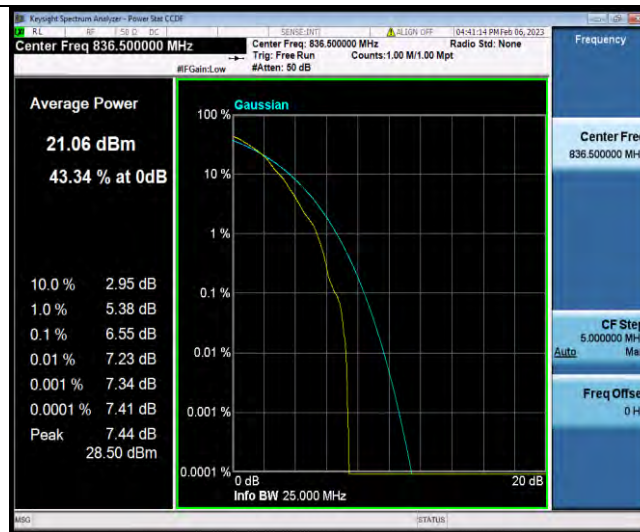


Band5-5MHz-64QAM-20525-1RB#0

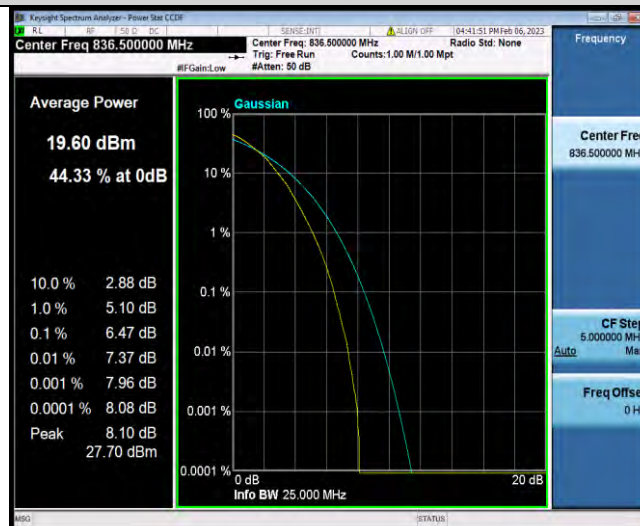


BUREAU
VERITAS

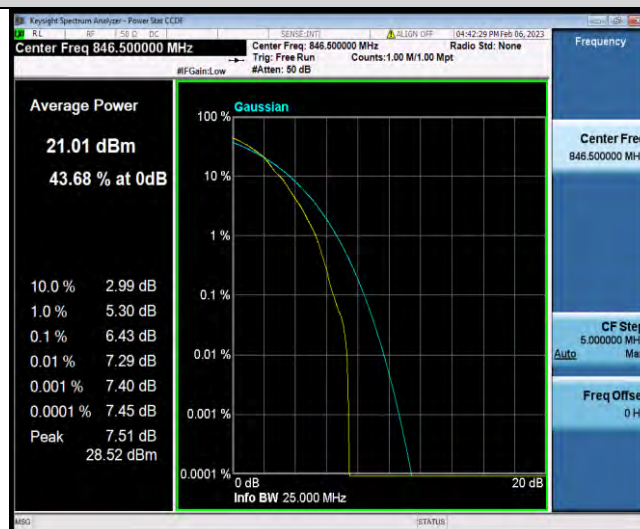
Test Report No.: W7L-P23010024RF04



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



Band5-5MHz-64QAM-20625-1RB#0

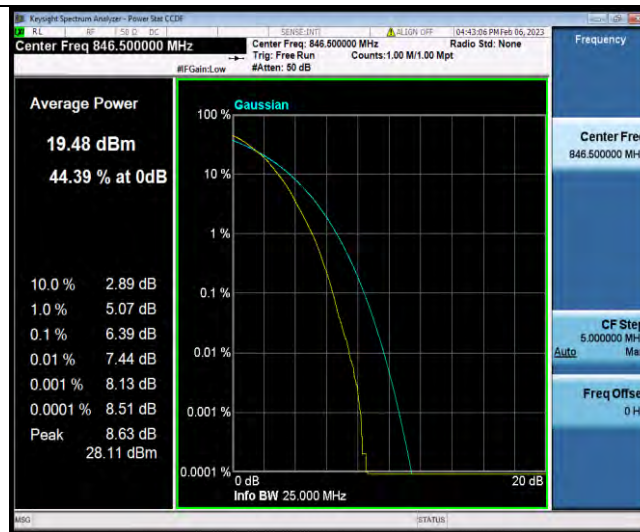


Band5-5MHz-64QAM-20625-25RB#0

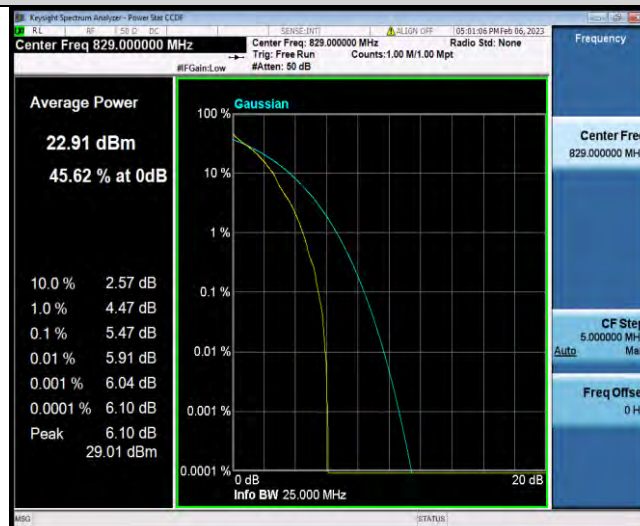


BUREAU
VERITAS

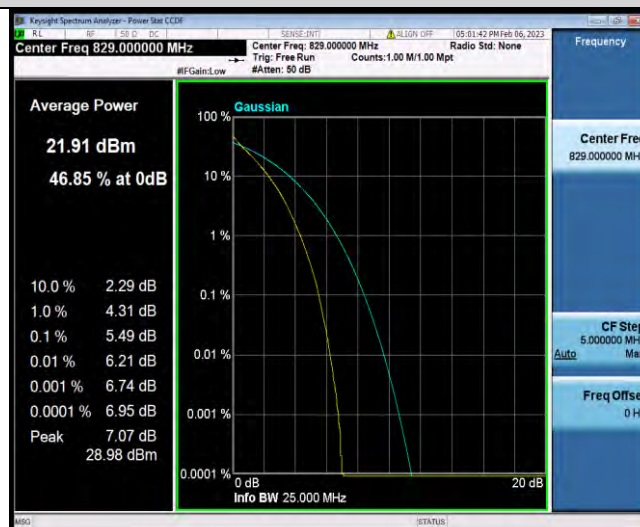
Test Report No.: W7L-P23010024RF04



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



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

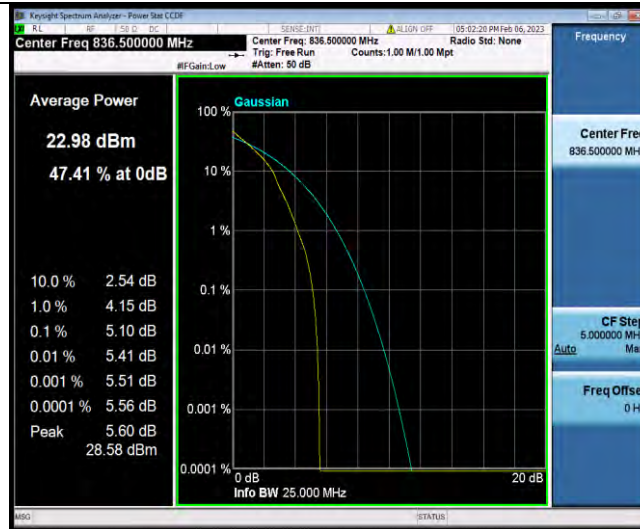


Band5-10MHz-QPSK-20525-1RB#0

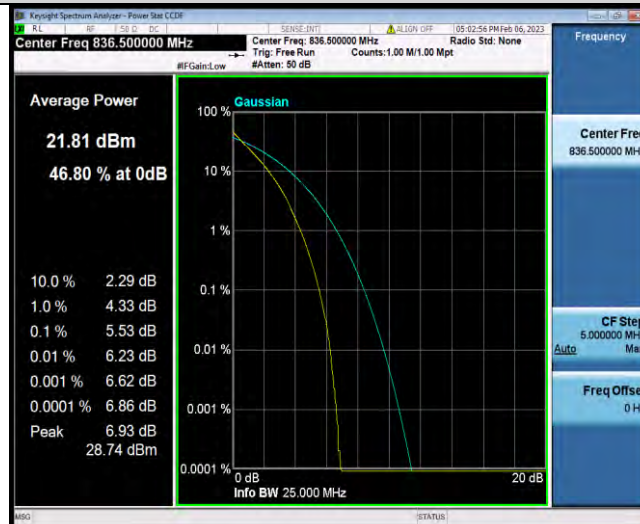


BUREAU
VERITAS

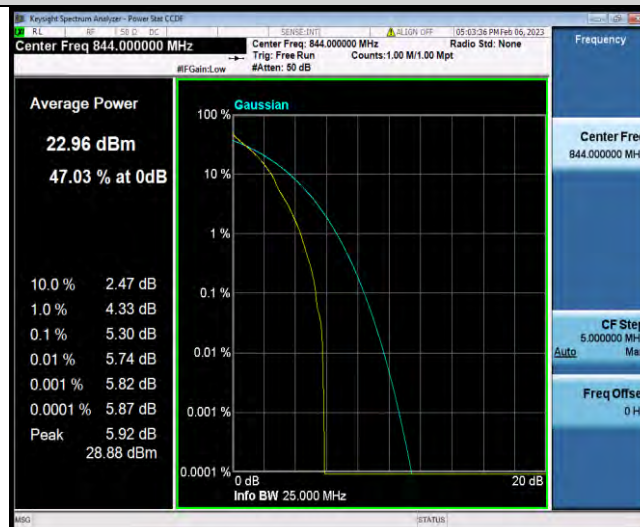
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

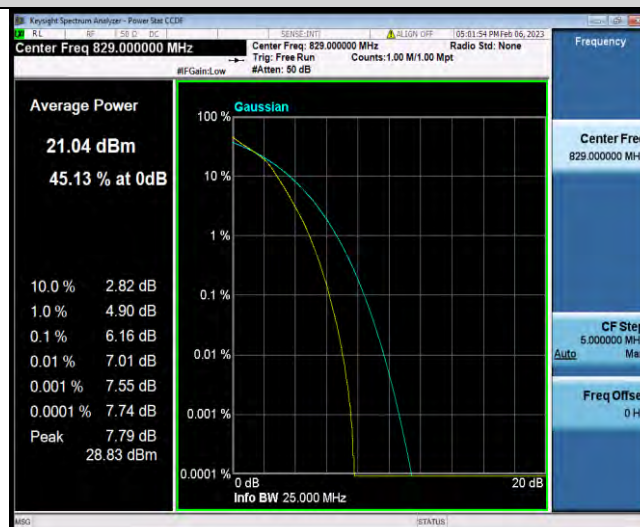
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

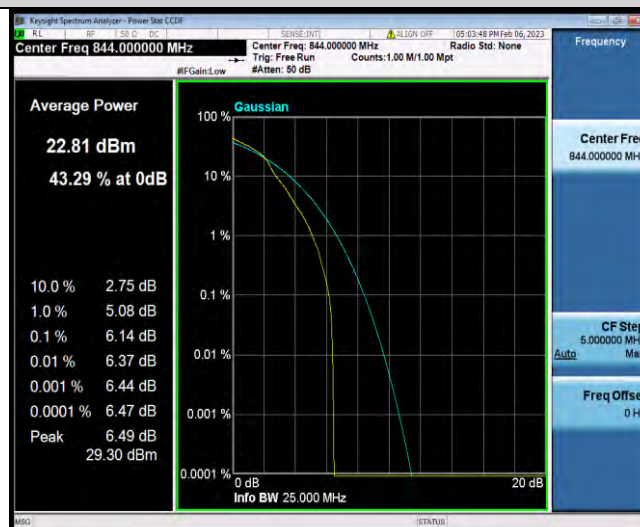
Test Report No.: W7L-P23010024RF04



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



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

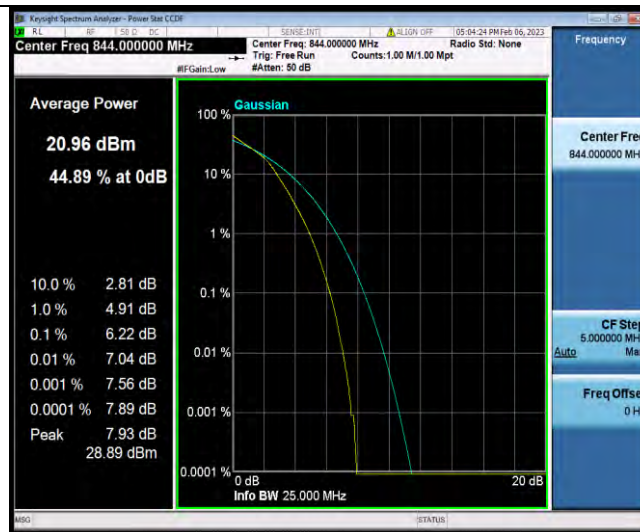


Band5-10MHz-16QAM-20600-50RB#0

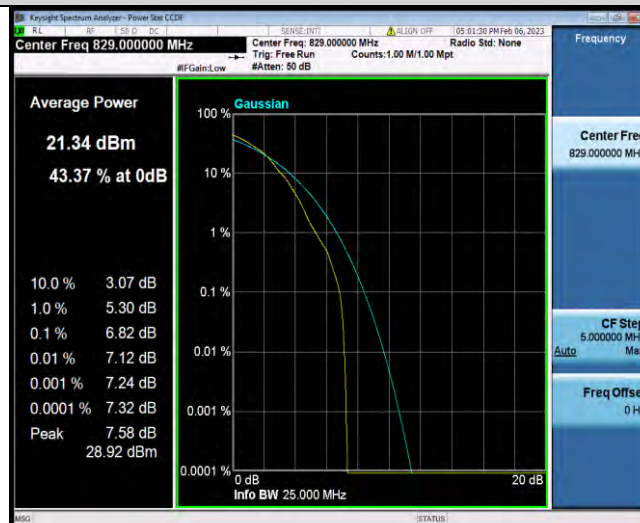


BUREAU
VERITAS

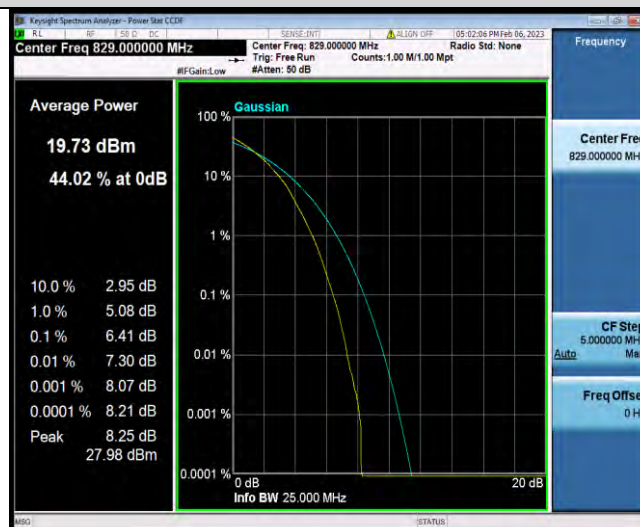
Test Report No.: W7L-P23010024RF04



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



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

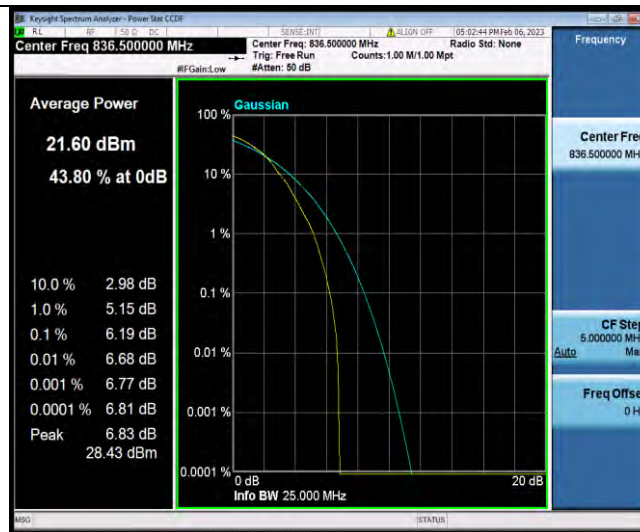


Band5-10MHz-64QAM-20525-1RB#0

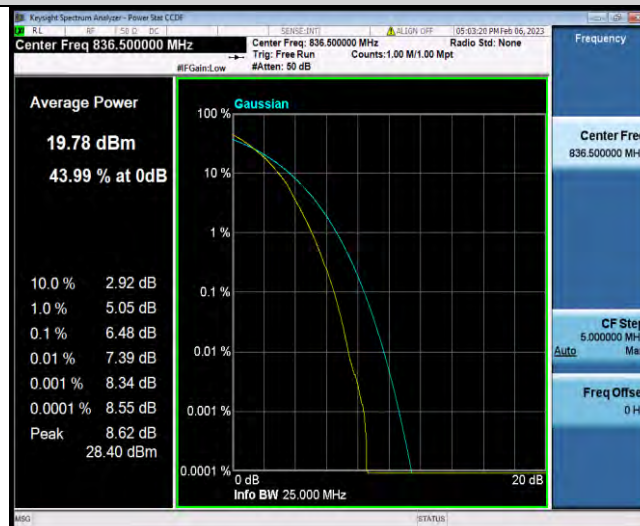


BUREAU
VERITAS

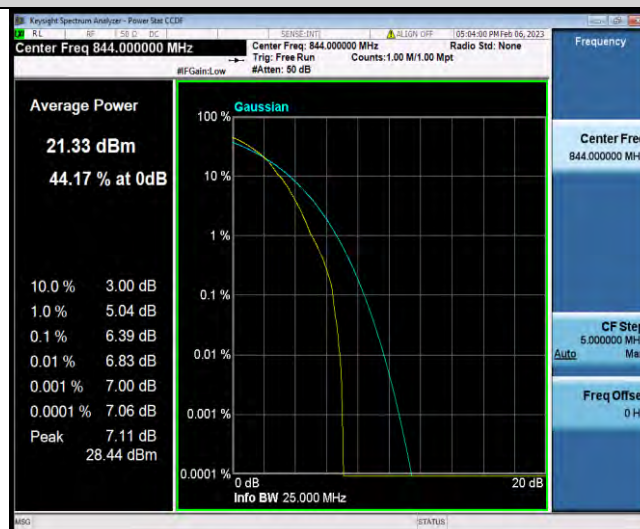
Test Report No.: W7L-P23010024RF04



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



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

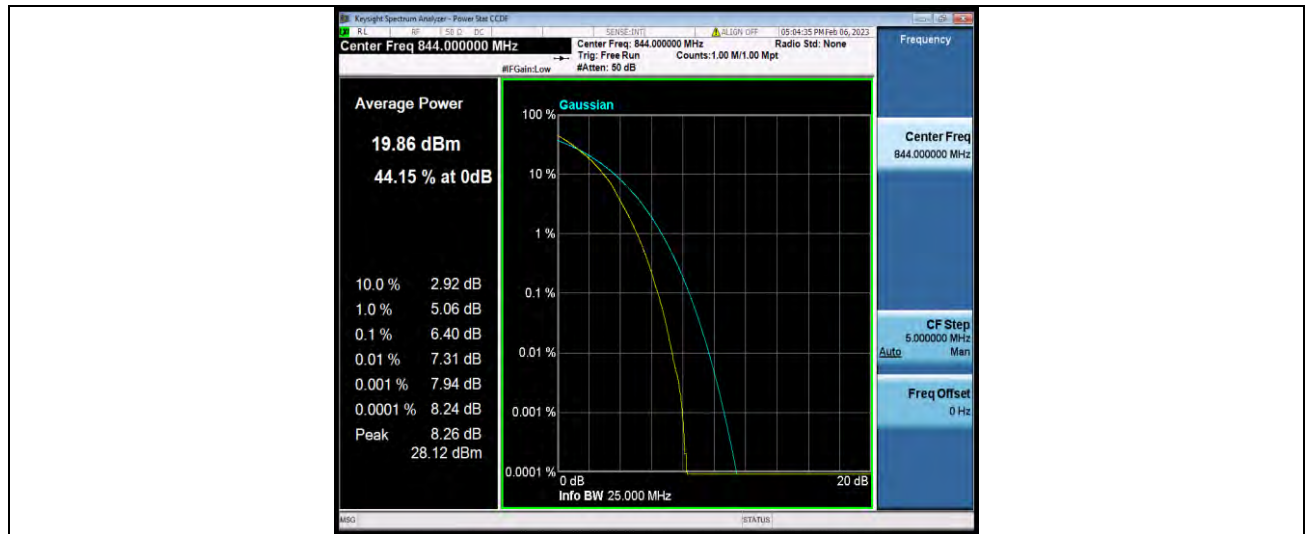


Band5-10MHz-64QAM-20600-50RB#0



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04

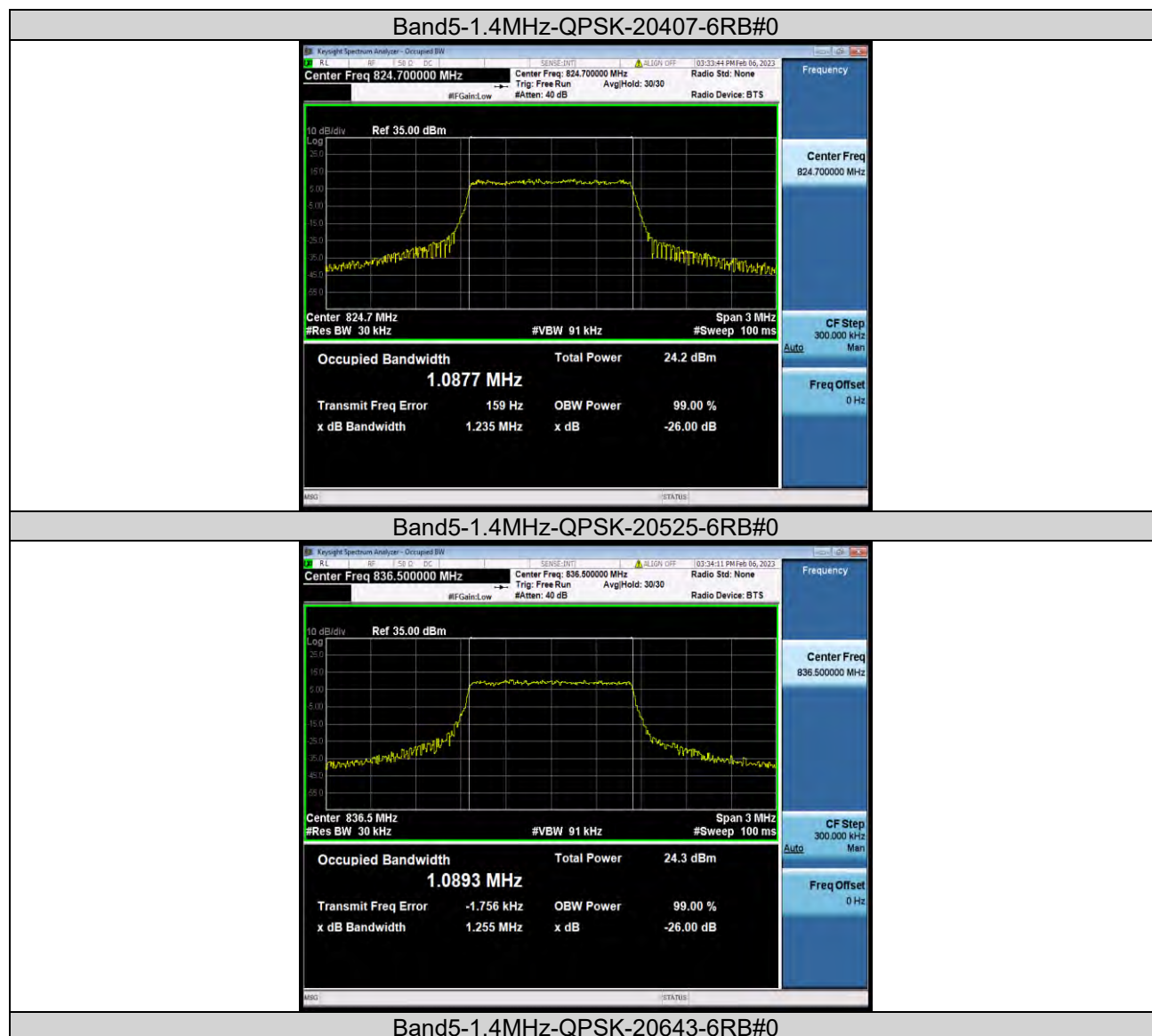


26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0877	1.235	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0893	1.255	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0918	1.243	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0907	1.248	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0903	1.234	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0904	1.236	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.0884	1.230	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0858	1.228	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0888	1.231	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6945	2.976	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6967	2.965	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6934	2.981	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6920	2.971	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6985	2.993	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6919	2.976	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.6966	2.970	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.6927	2.986	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.6996	2.964	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4914	4.908	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4910	4.885	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4923	4.885	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4959	4.851	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4949	4.850	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4972	4.870	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.4974	4.897	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.4944	4.846	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.4976	4.893	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9693	9.567	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9846	9.665	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9696	9.596	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9653	9.585	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9844	9.611	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9685	9.560	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9614	9.596	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9756	9.626	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.9633	9.597	PASS

Test Graphs





BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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

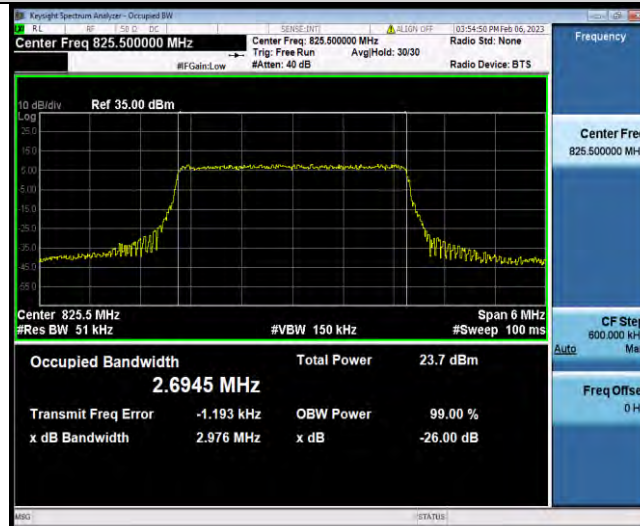


BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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

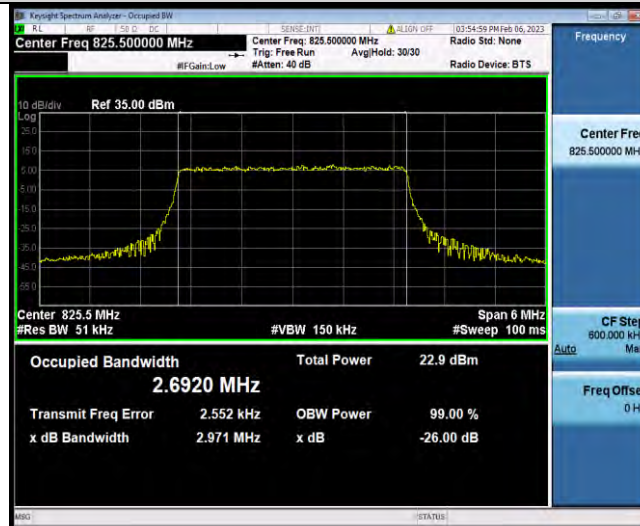


BUREAU
VERITAS

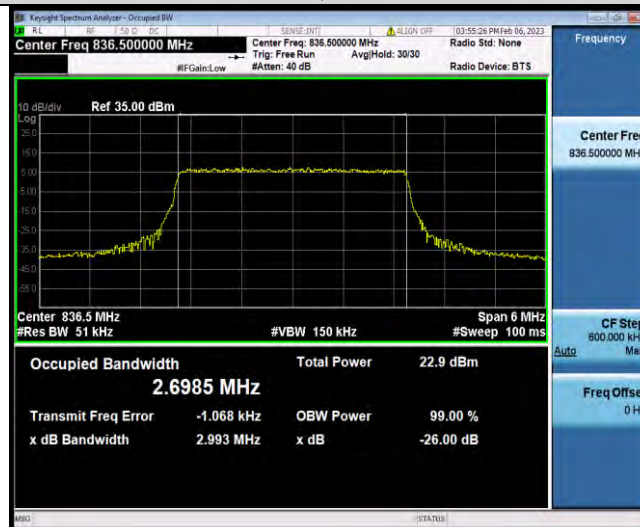
Test Report No.: W7L-P23010024RF04



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



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



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

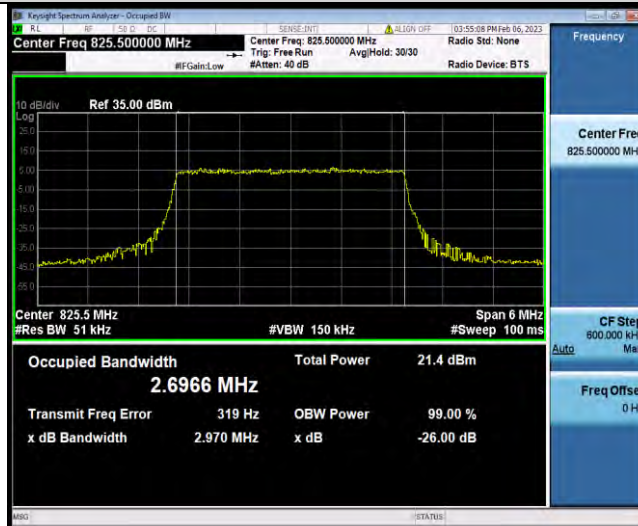


BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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

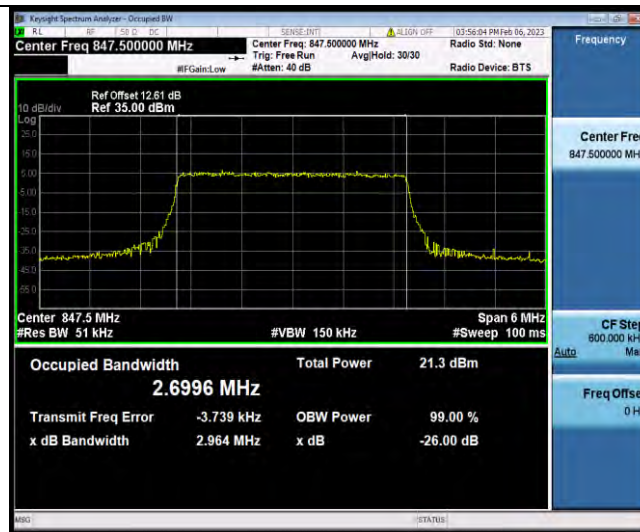


Band5-3MHz-64QAM-20635-15RB#0

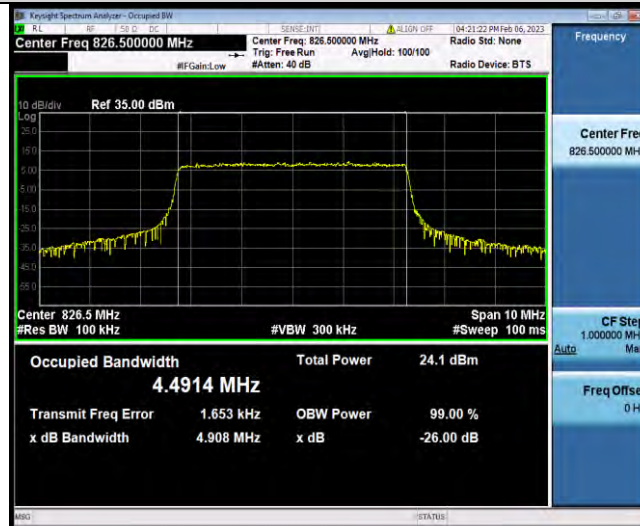


BUREAU
VERITAS

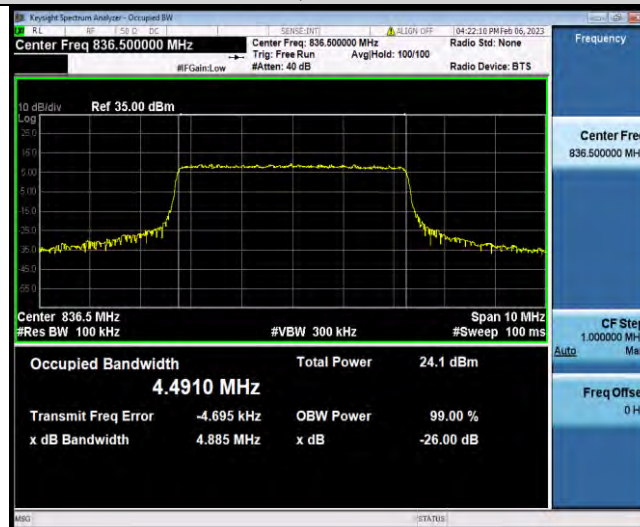
Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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

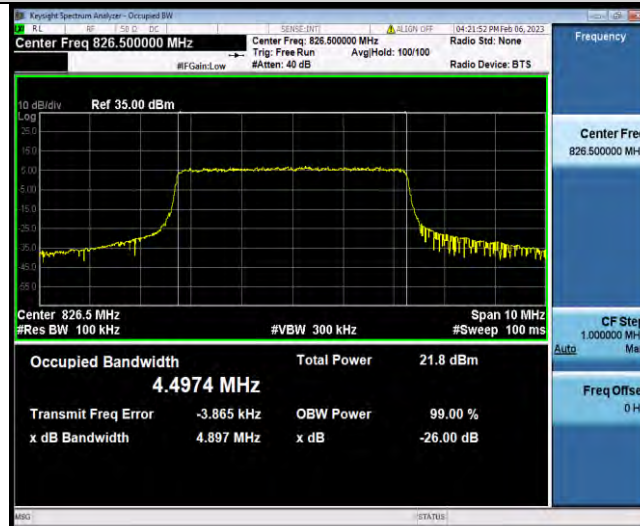


BUREAU
VERITAS

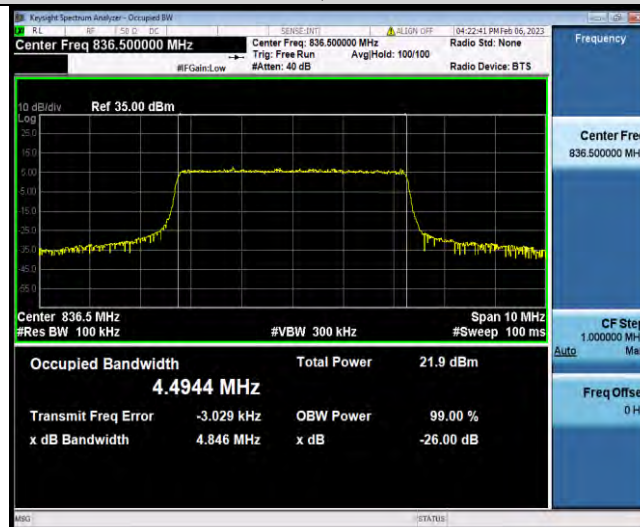
Test Report No.: W7L-P23010024RF04



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



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

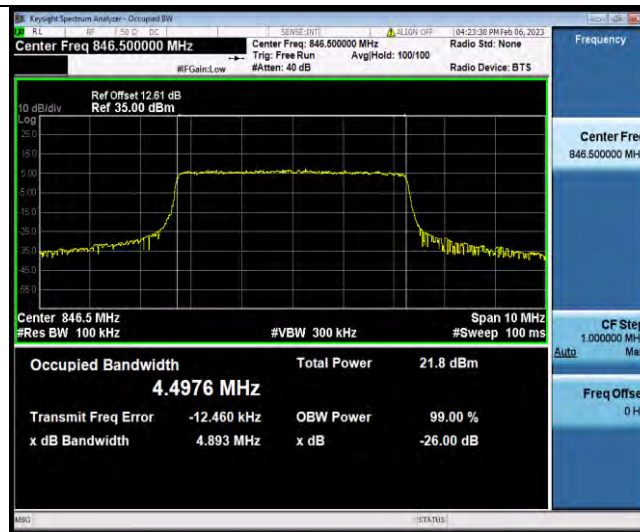


Band5-5MHz-64QAM-20625-25RB#0



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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



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



BUREAU
VERITAS

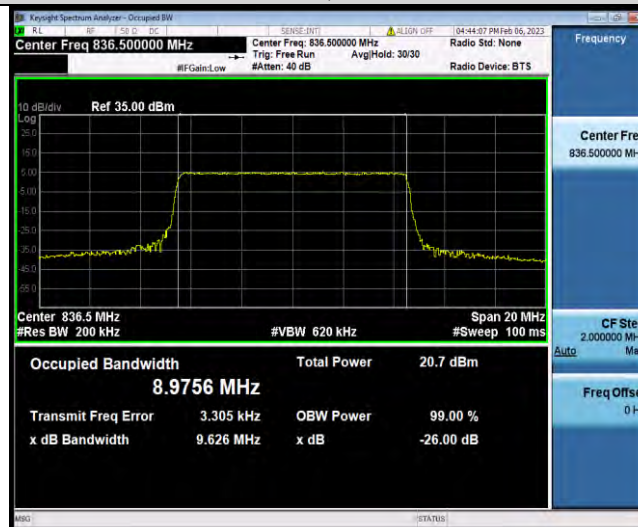
Test Report No.: W7L-P23010024RF04



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



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

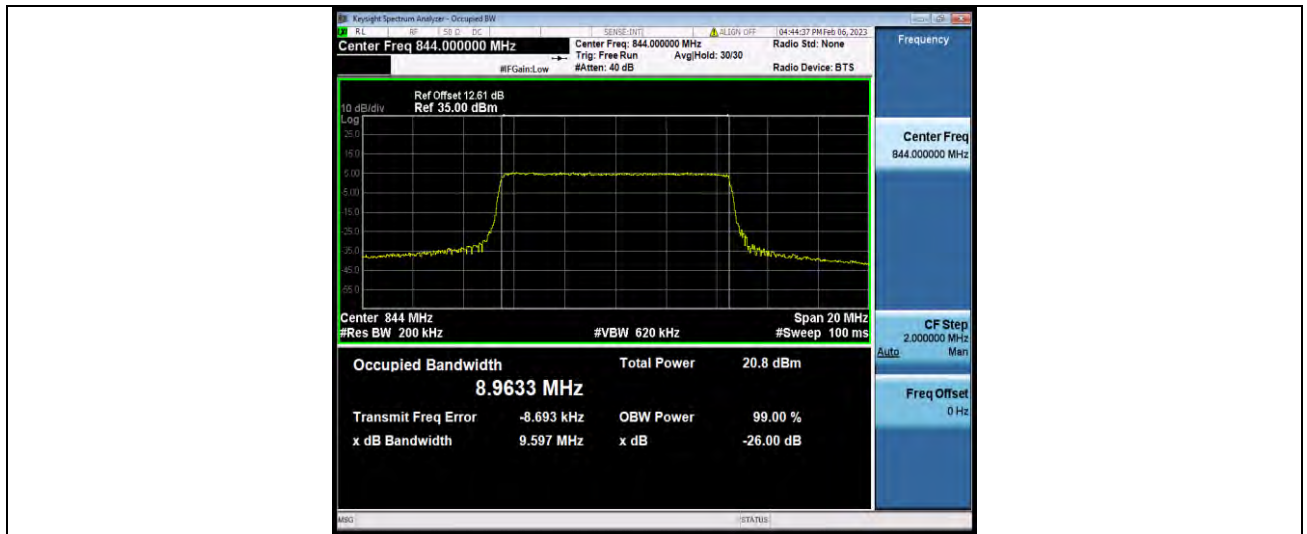


Band5-10MHz-64QAM-20600-50RB#0



BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04





Test Report No.: W7L-P23010024RF04

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-32.50	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-30.98	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-32.29	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-31.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-34.56	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-32.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-32.88	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.97	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-33.84	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-38.33	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-31.03	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-35.55	PASS
Band5	3MHz	QPSK	20415	1RB#0	-20.67	PASS
Band5	3MHz	QPSK	20415	15RB#0	-23.93	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.49	PASS
Band5	3MHz	QPSK	20635	15RB#0	-23.15	PASS
Band5	3MHz	16QAM	20415	1RB#0	-20.92	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.70	PASS
Band5	3MHz	16QAM	20635	1RB#14	-20.19	PASS
Band5	3MHz	16QAM	20635	15RB#0	-23.77	PASS
Band5	3MHz	64QAM	20415	1RB#0	-22.52	PASS
Band5	3MHz	64QAM	20415	15RB#0	-25.35	PASS
Band5	3MHz	64QAM	20635	1RB#14	-22.24	PASS
Band5	3MHz	64QAM	20635	15RB#0	-26.30	PASS
Band5	5MHz	QPSK	20425	1RB#0	-26.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.13	PASS
Band5	5MHz	QPSK	20625	1RB#24	-26.84	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	-28.76	PASS
Band5	5MHz	16QAM	20425	25RB#0	-28.07	PASS
Band5	5MHz	16QAM	20625	1RB#24	-27.75	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.70	PASS
Band5	5MHz	64QAM	20425	1RB#0	-28.90	PASS
Band5	5MHz	64QAM	20425	25RB#0	-29.74	PASS
Band5	5MHz	64QAM	20625	1RB#24	-29.65	PASS
Band5	5MHz	64QAM	20625	25RB#0	-30.10	PASS
Band5	10MHz	QPSK	20450	1RB#0	-32.23	PASS
Band5	10MHz	QPSK	20450	50RB#0	-30.41	PASS
Band5	10MHz	QPSK	20600	1RB#49	-32.52	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.44	PASS
Band5	10MHz	16QAM	20450	1RB#0	-33.32	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.01	PASS
Band5	10MHz	16QAM	20600	1RB#49	-33.00	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.47	PASS
Band5	10MHz	64QAM	20450	1RB#0	-34.51	PASS

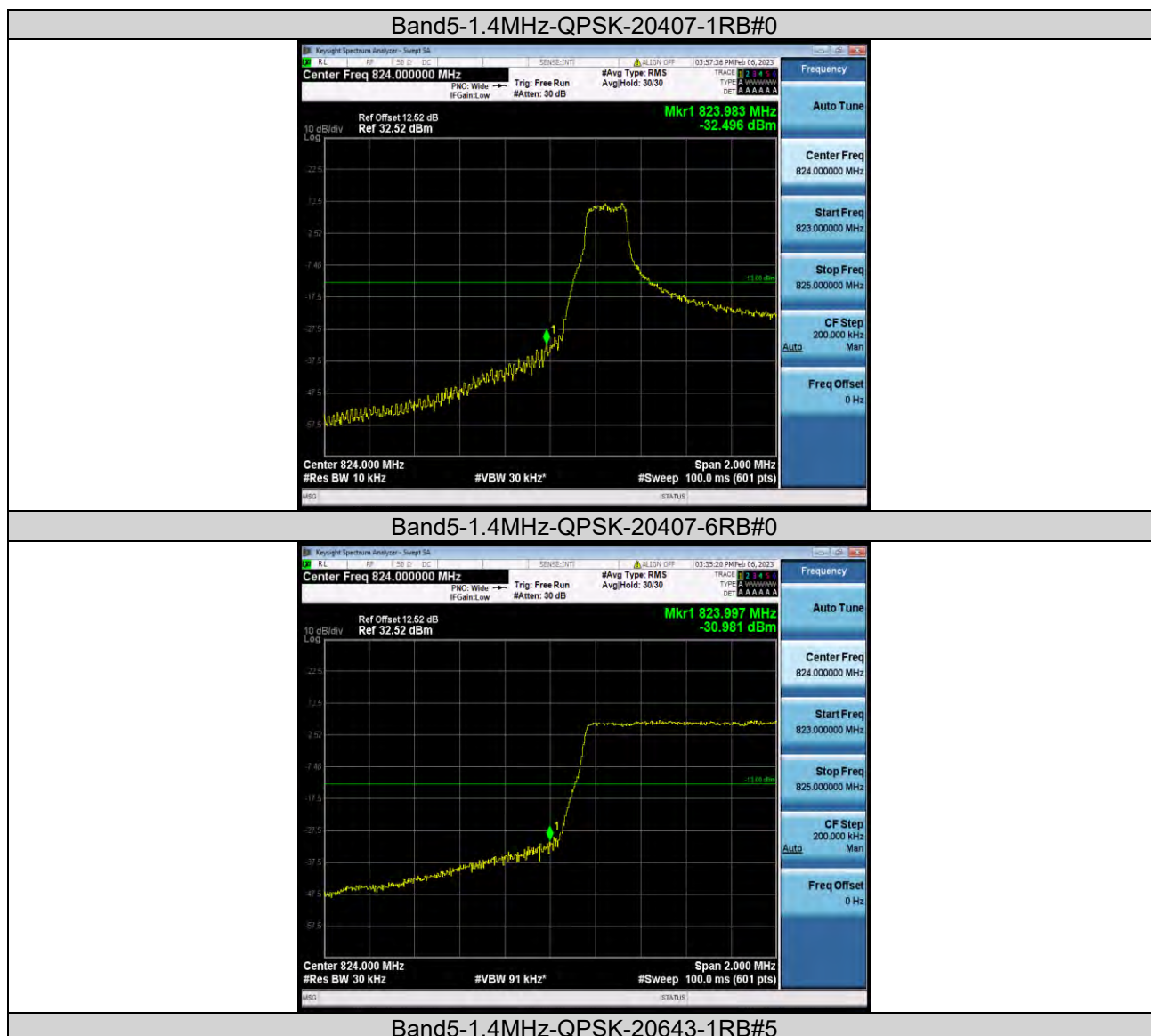


**BUREAU
VERITAS**

Test Report No.: W7L-P23010024RF04

Band5	10MHz	64QAM	20450	50RB#0	-32.88	PASS
Band5	10MHz	64QAM	20600	1RB#49	-33.87	PASS
Band5	10MHz	64QAM	20600	50RB#0	-31.87	PASS

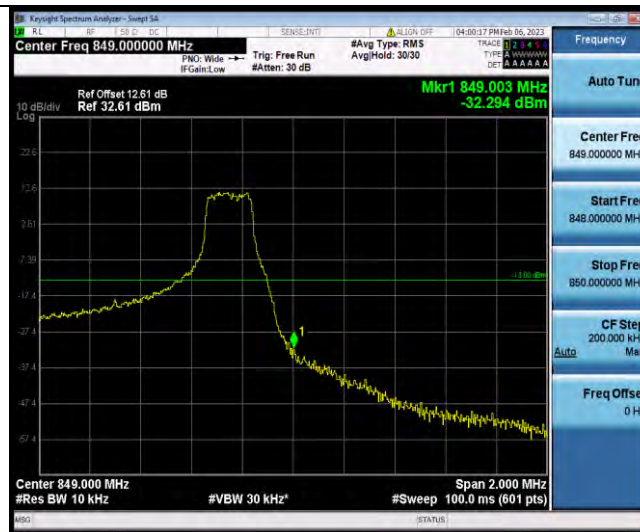
Test Graphs





BUREAU
VERITAS

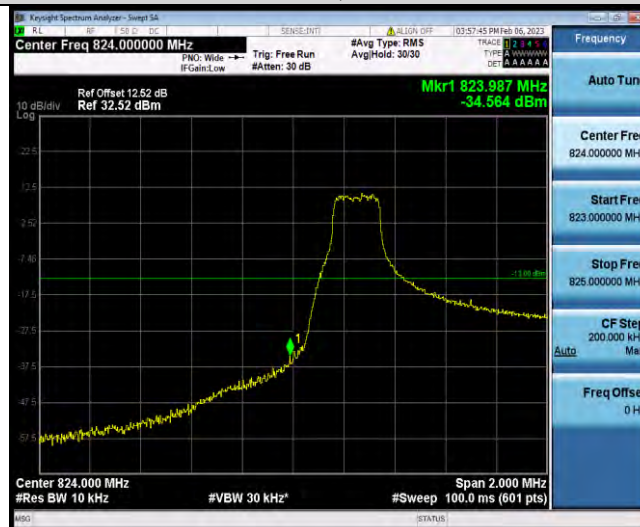
Test Report No.: W7L-P23010024RF04



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



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

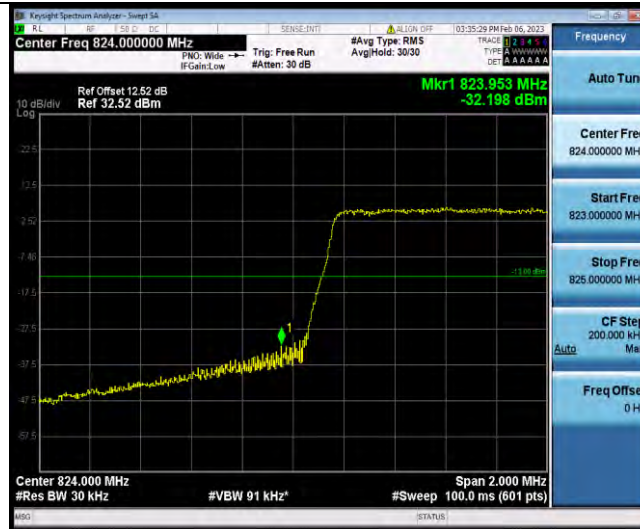


Band5-1.4MHz-16QAM-20407-6RB#0

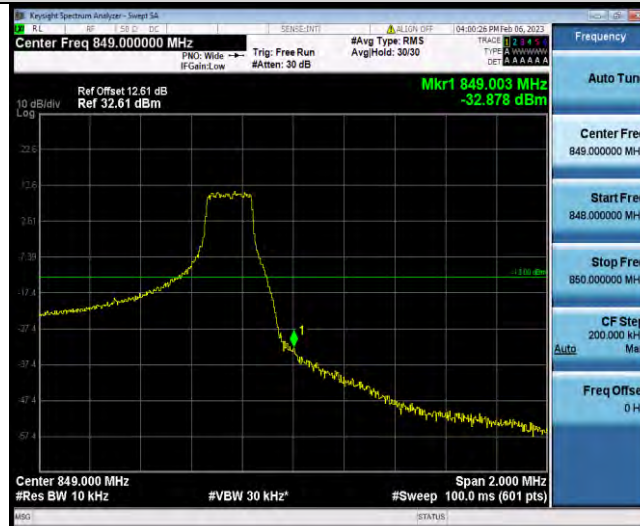


BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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

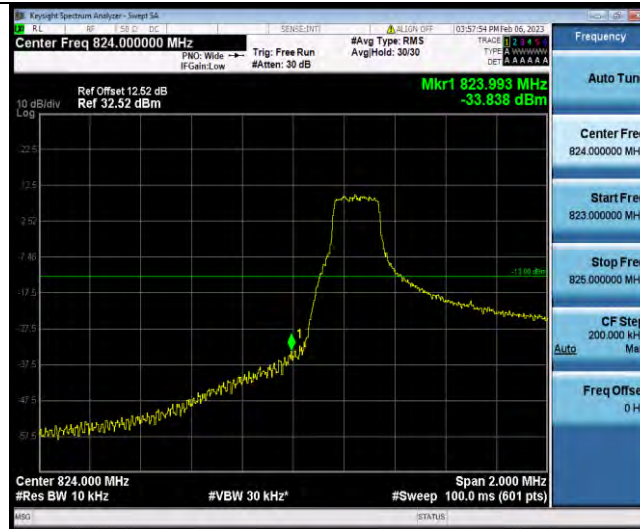


Band5-1.4MHz-64QAM-20407-1RB#0



BUREAU
VERITAS

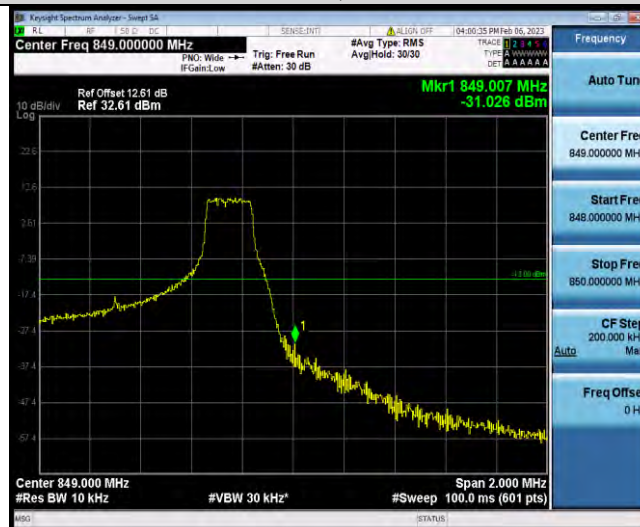
Test Report No.: W7L-P23010024RF04



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



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



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

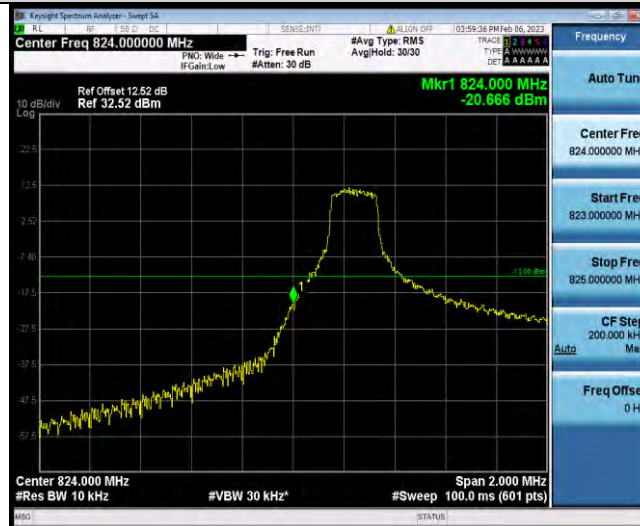


BUREAU
VERITAS

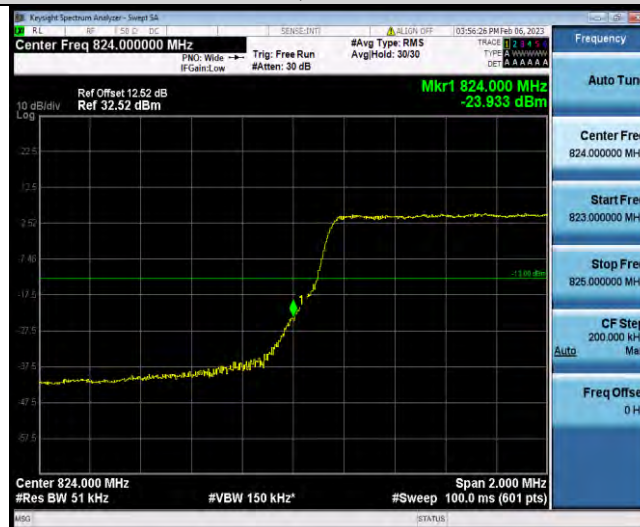
Test Report No.: W7L-P23010024RF04



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



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

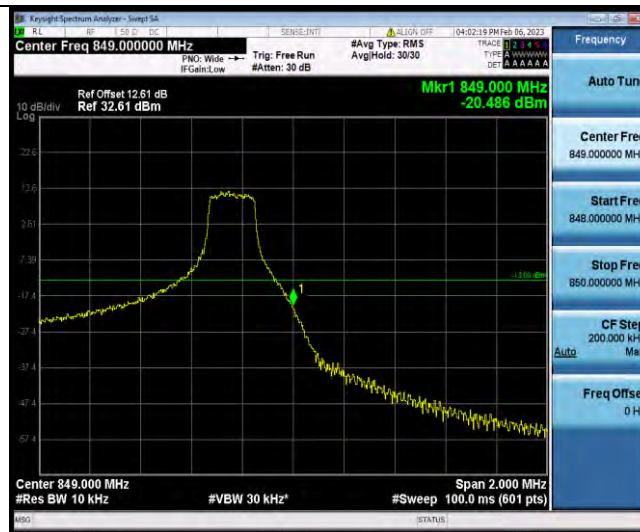


Band5-3MHz-QPSK-20635-1RB#14



BUREAU
VERITAS

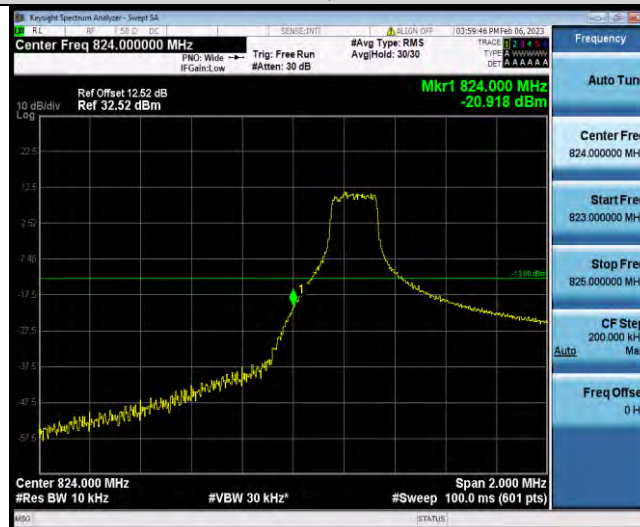
Test Report No.: W7L-P23010024RF04



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



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



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

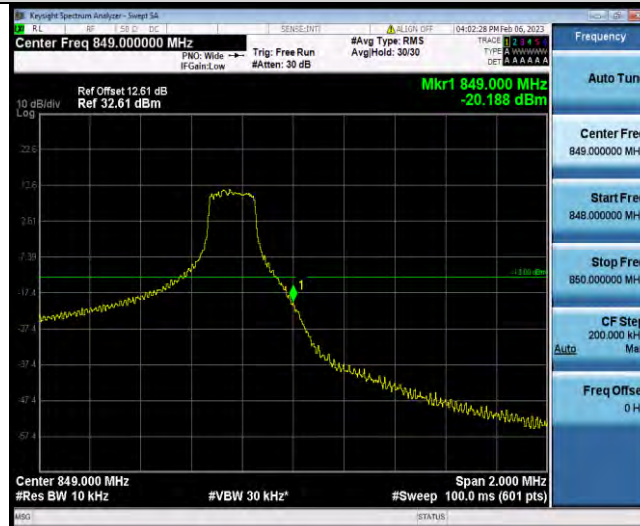


BUREAU
VERITAS

Test Report No.: W7L-P23010024RF04



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



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

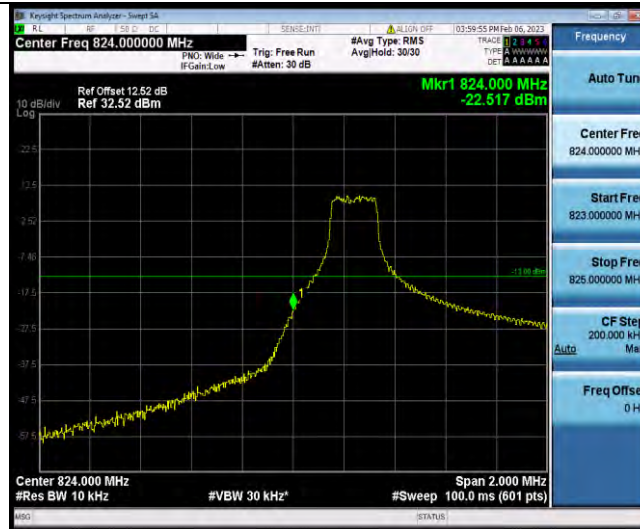


Band5-3MHz-64QAM-20415-1RB#0



BUREAU
VERITAS

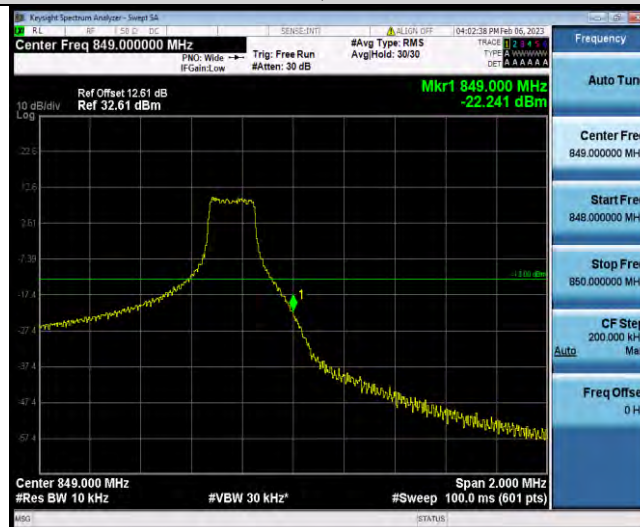
Test Report No.: W7L-P23010024RF04



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



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



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