



BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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

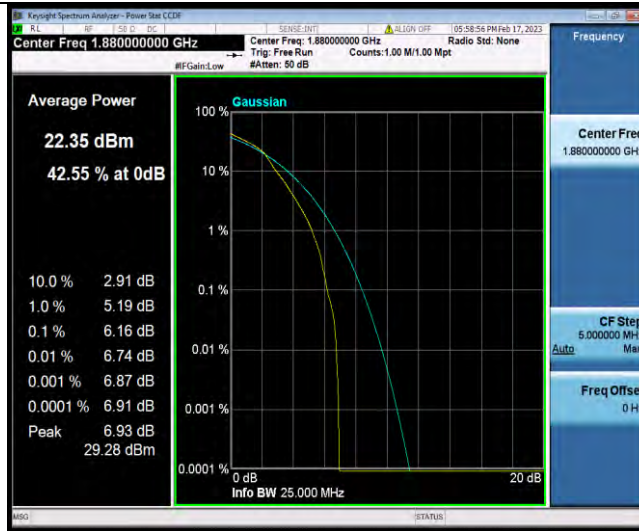


Band2-3MHz-16QAM-18900-1RB#0

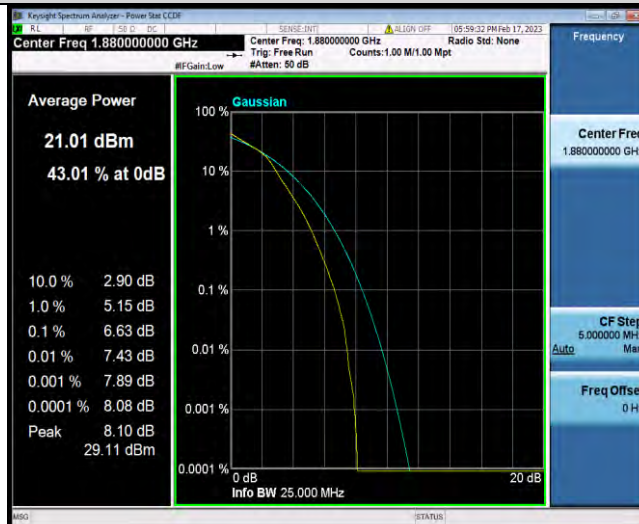


BUREAU VERITAS

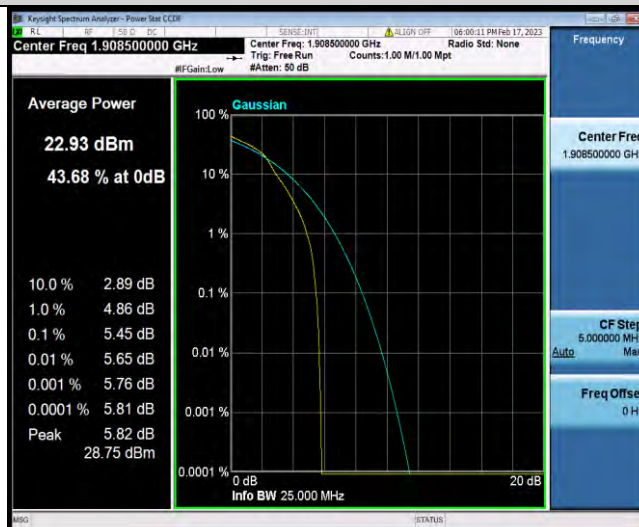
Test Report No.: W7L-P22120012-1RF03



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



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

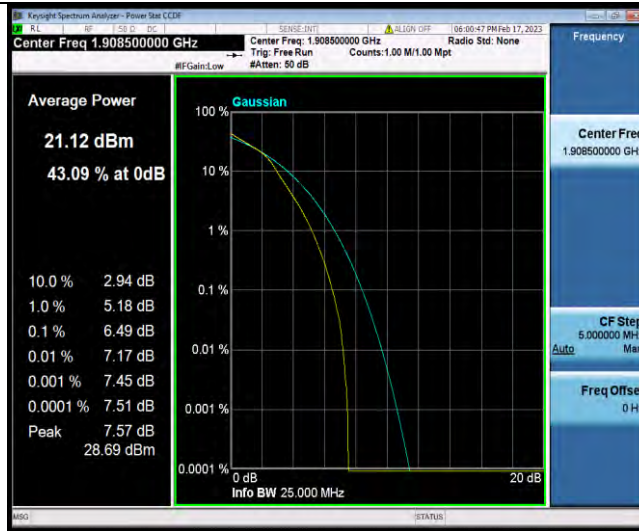


Band2-3MHz-16QAM-19185-15RB#0

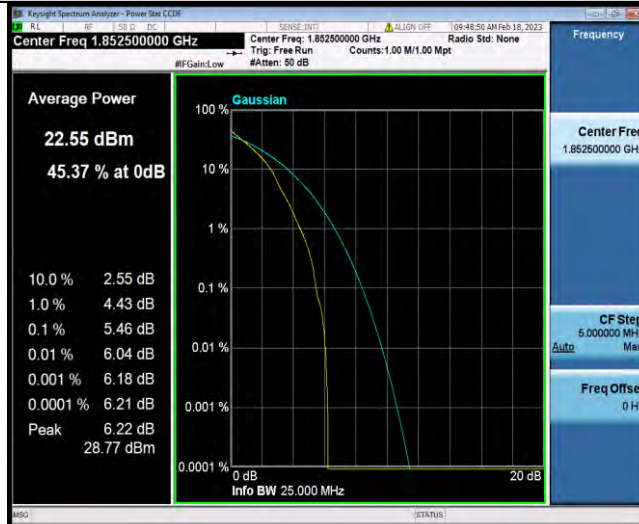


BUREAU VERITAS

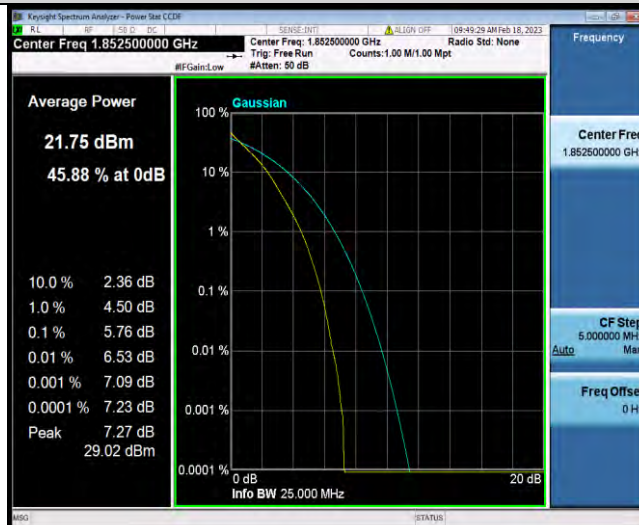
Test Report No.: W7L-P22120012-1RF03



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



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

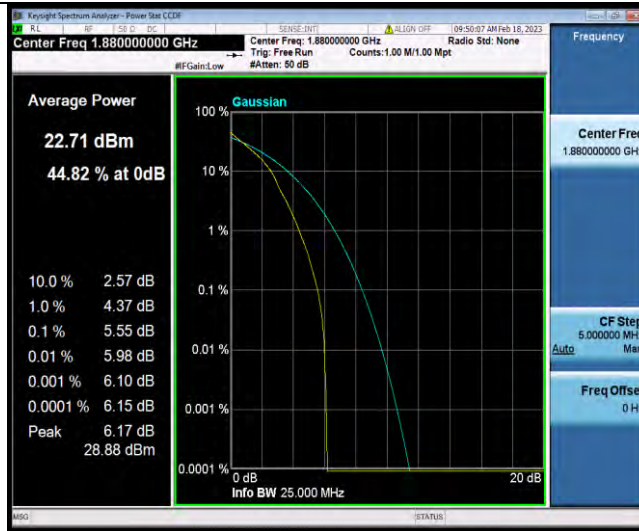


Band2-5MHz-QPSK-18900-1RB#0

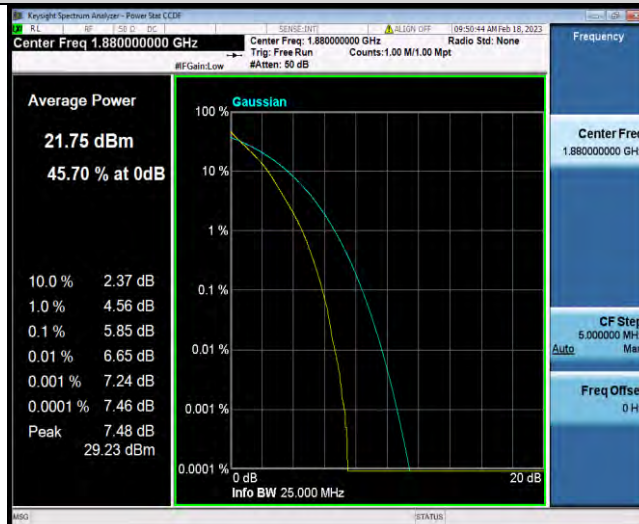


BUREAU VERITAS

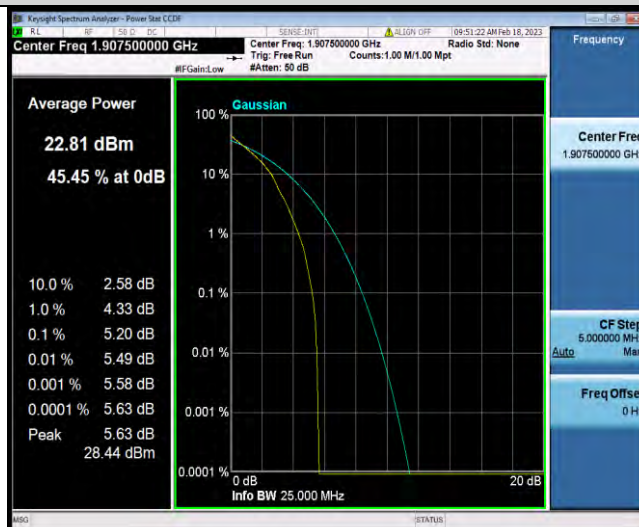
Test Report No.: W7L-P22120012-1RF03



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



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

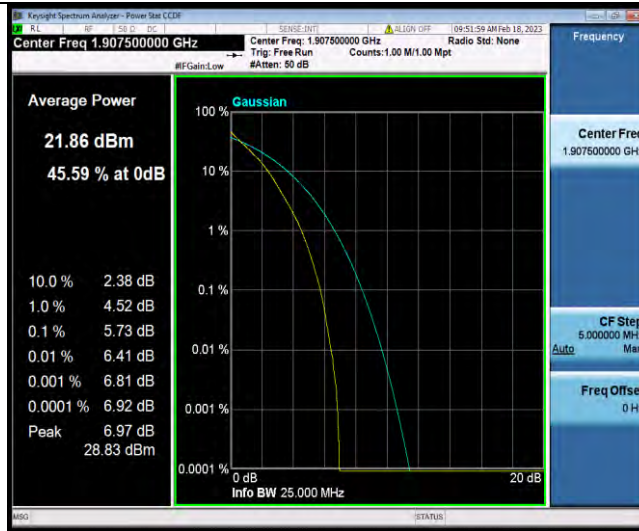


Band2-5MHz-QPSK-19175-25RB#0

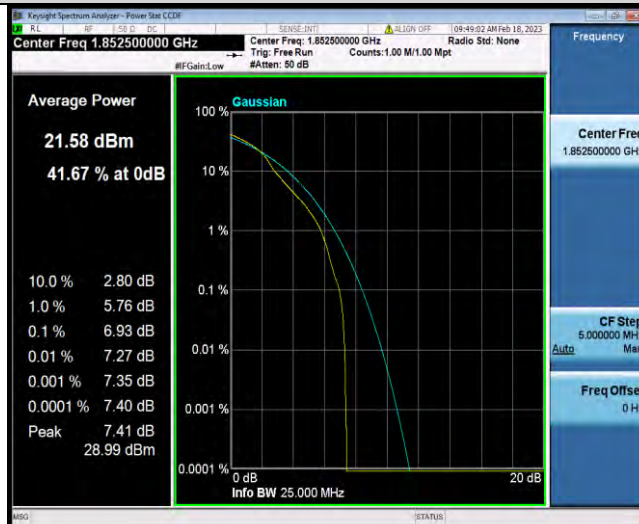


BUREAU VERITAS

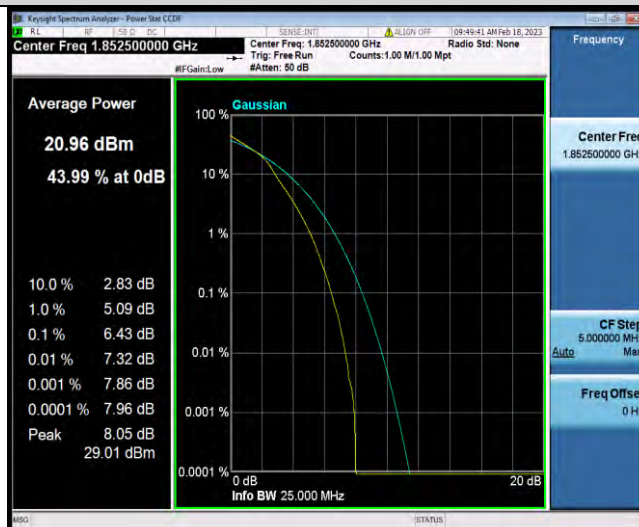
Test Report No.: W7L-P22120012-1RF03



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



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



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

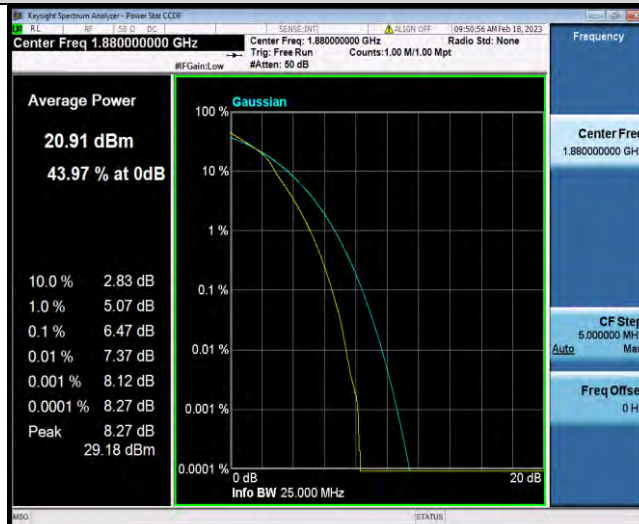


BUREAU VERITAS

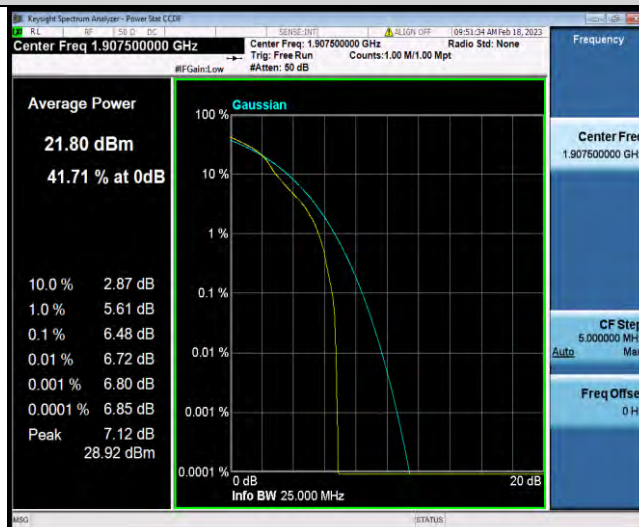
Test Report No.: W7L-P22120012-1RF03



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



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

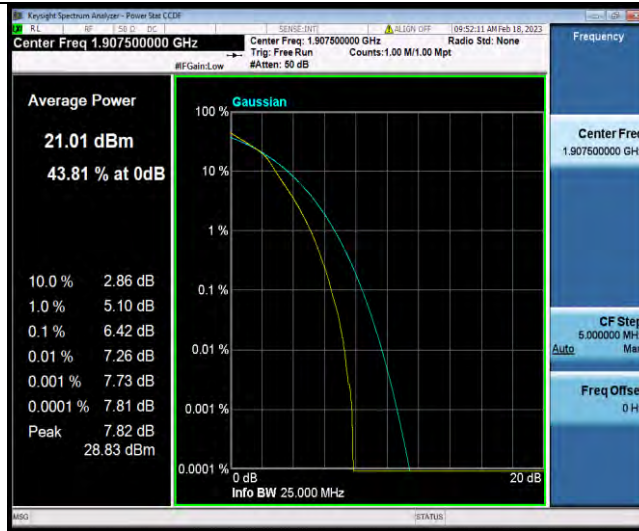


Band2-5MHz-16QAM-19175-25RB#0



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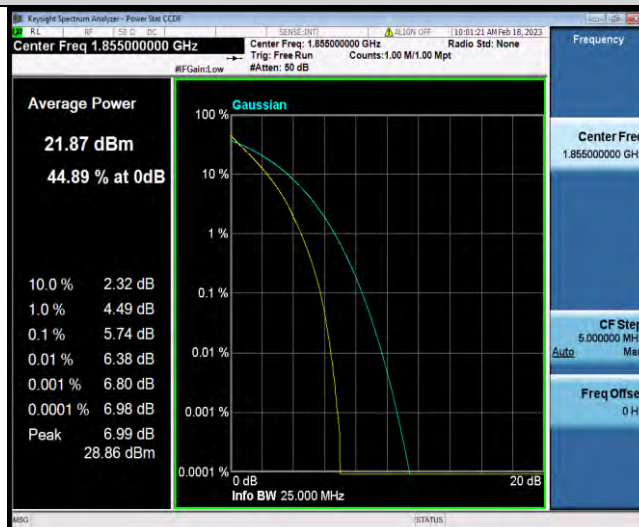
Test Report No.: W7L-P22120012-1RF03



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



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

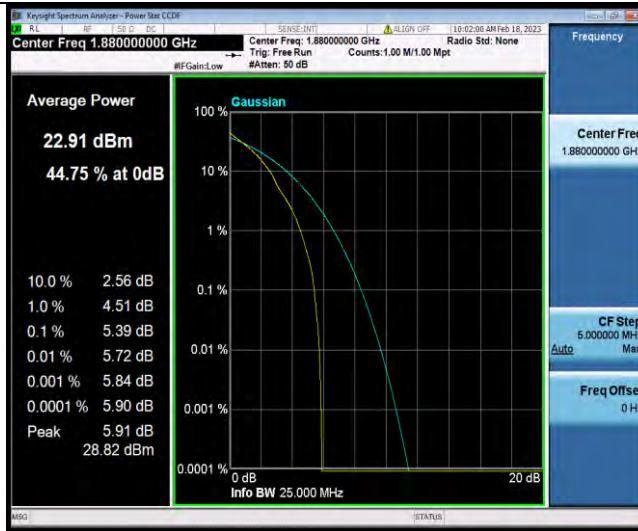


Band2-10MHz-QPSK-18900-1RB#0

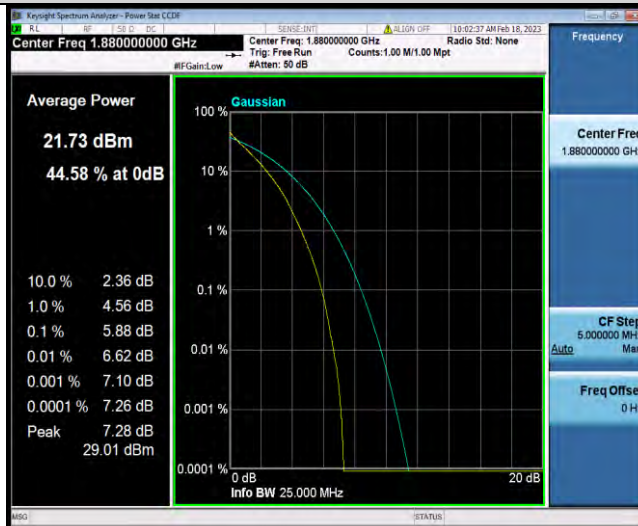


BUREAU VERITAS

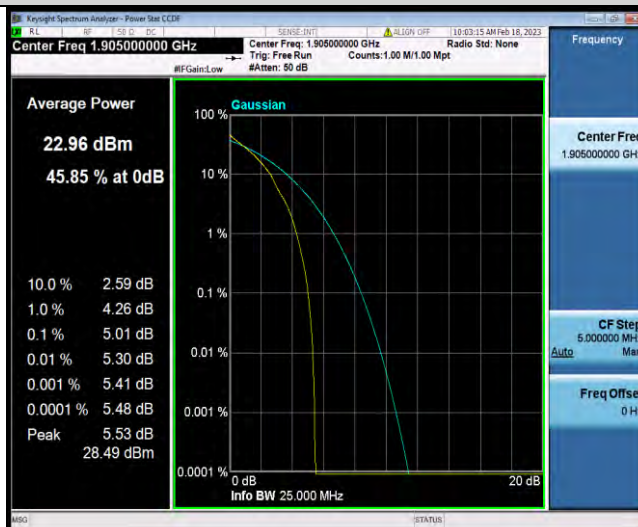
Test Report No.: W7L-P22120012-1RF03



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



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



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



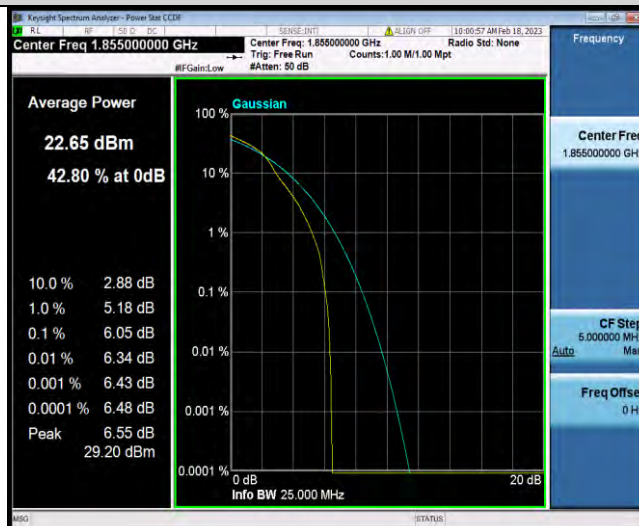


BUREAU VERITAS

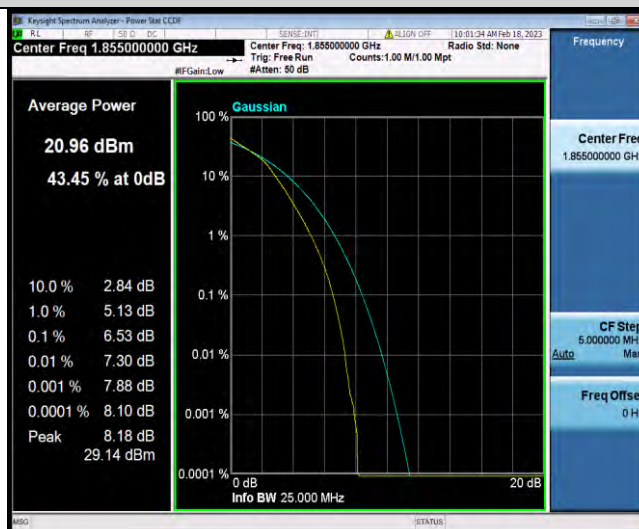
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Band2-10MHz-16QAM-18650-1RB#0



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



Band2-10MHz-16QAM-18900-1RB#0

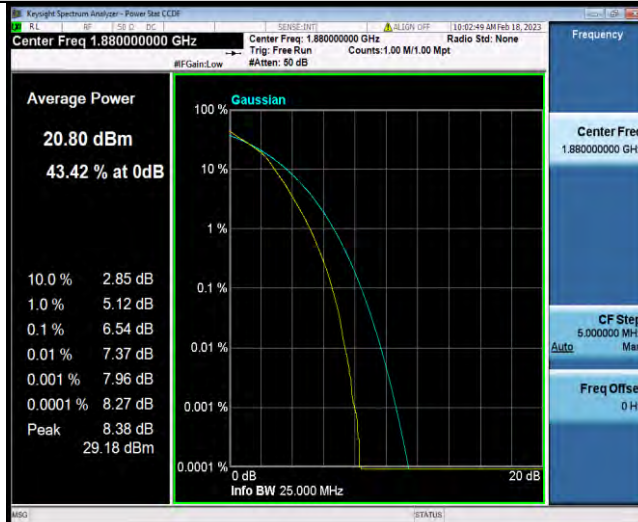


BUREAU VERITAS

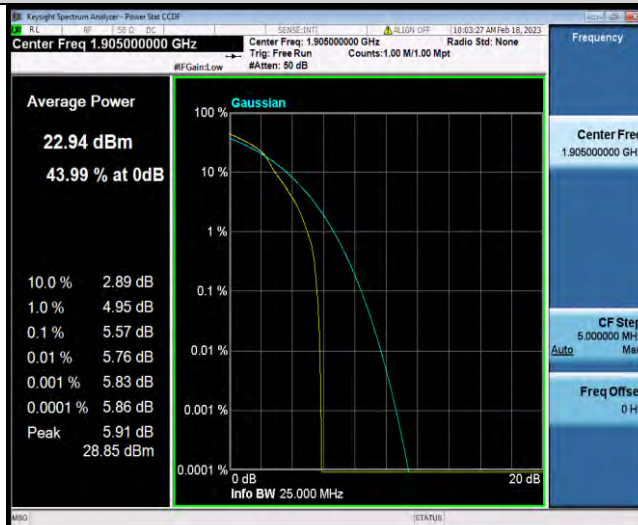
Test Report No.: W7L-P22120012-1RF03



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



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

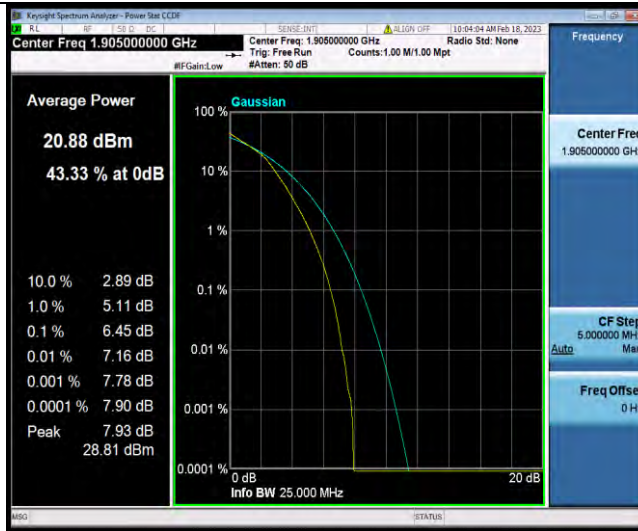


Band2-10MHz-16QAM-19150-50RB#0

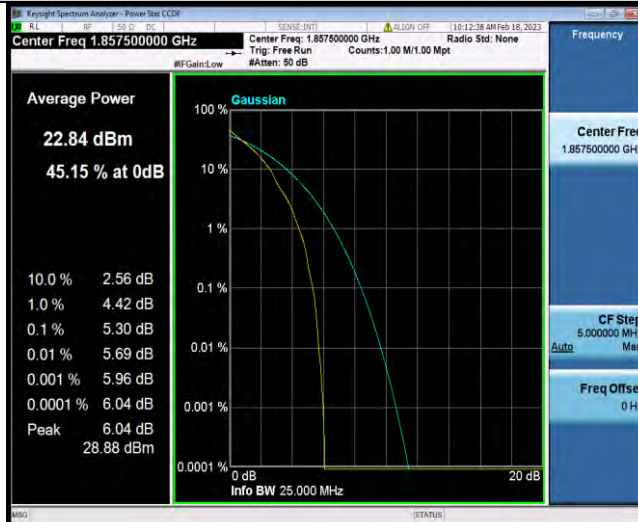


BUREAU VERITAS

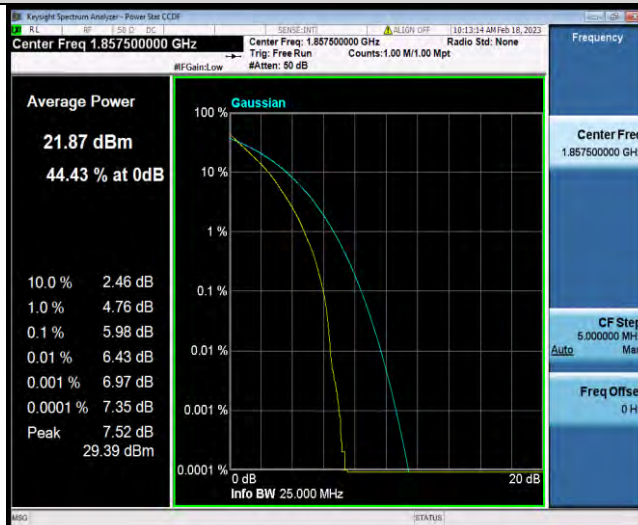
Test Report No.: W7L-P22120012-1RF03



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



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

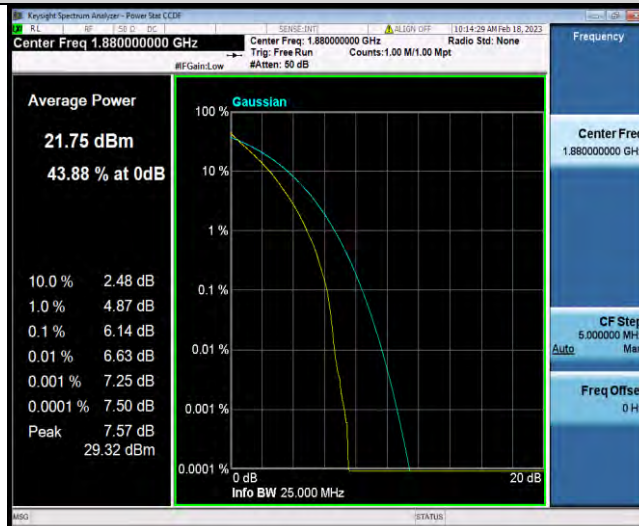


Band2-15MHz-QPSK-18900-1RB#0



BUREAU VERITAS

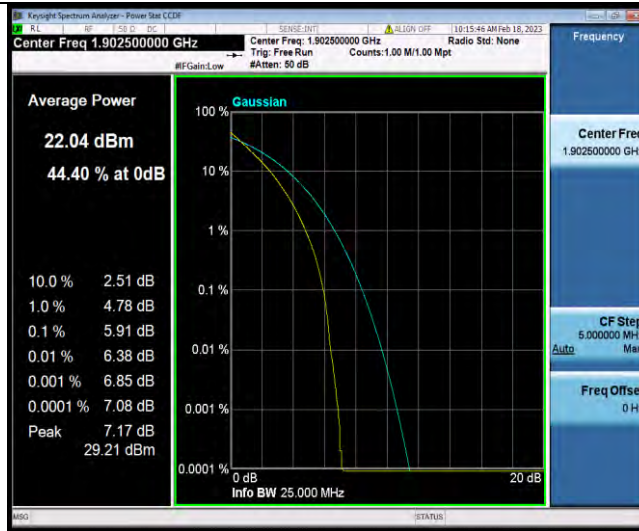
Test Report No.: W7L-P22120012-1RF03





BUREAU VERITAS

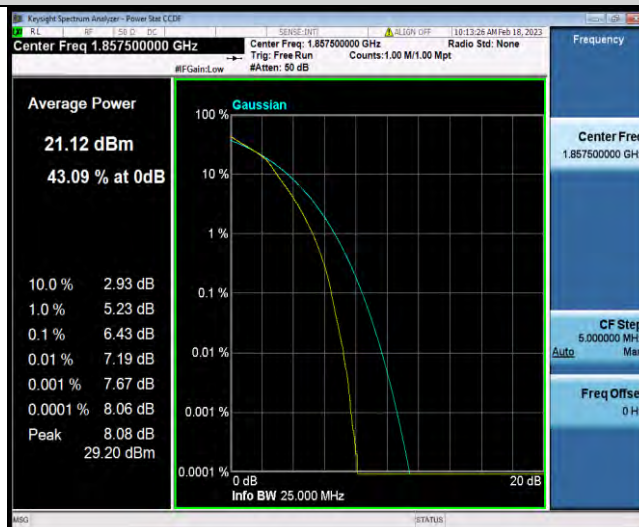
Test Report No.: W7L-P22120012-1RF03



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



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



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

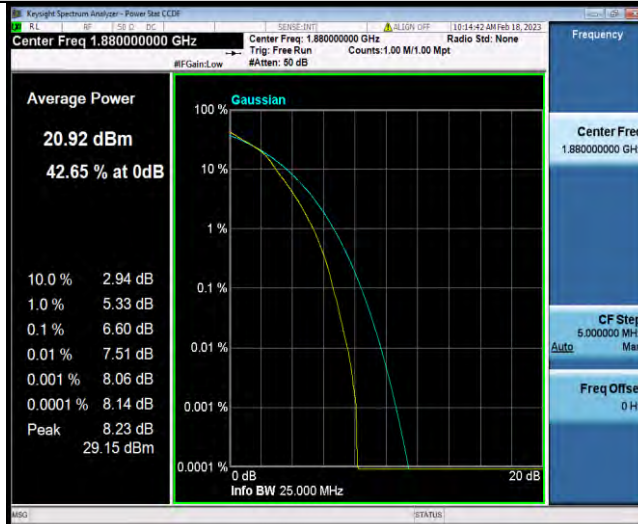


BUREAU VERITAS

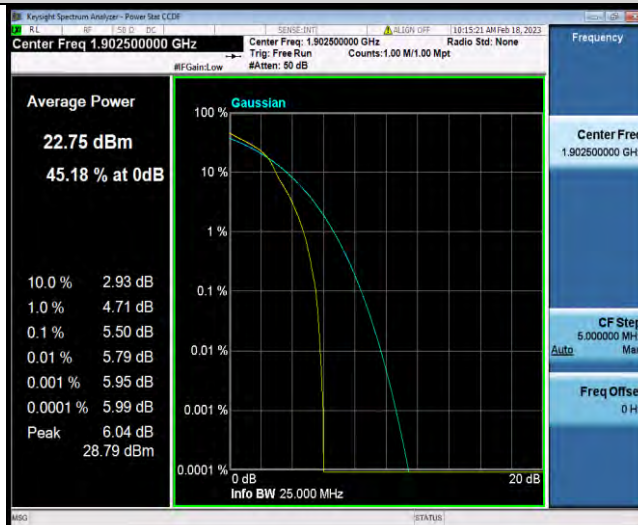
Test Report No.: W7L-P22120012-1RF03



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



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

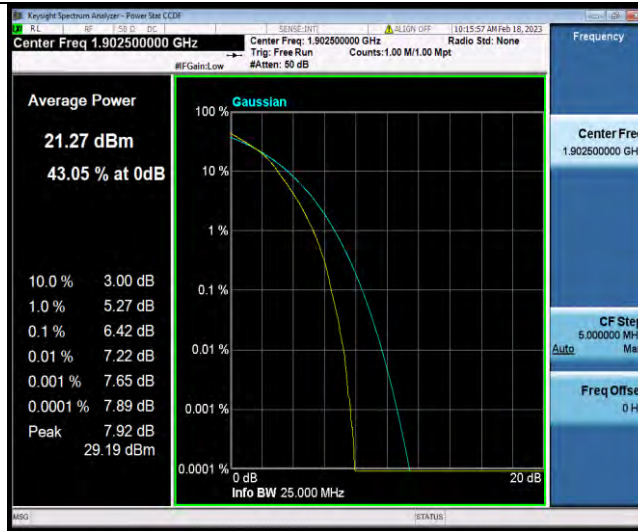


Band2-15MHz-16QAM-19125-75RB#0

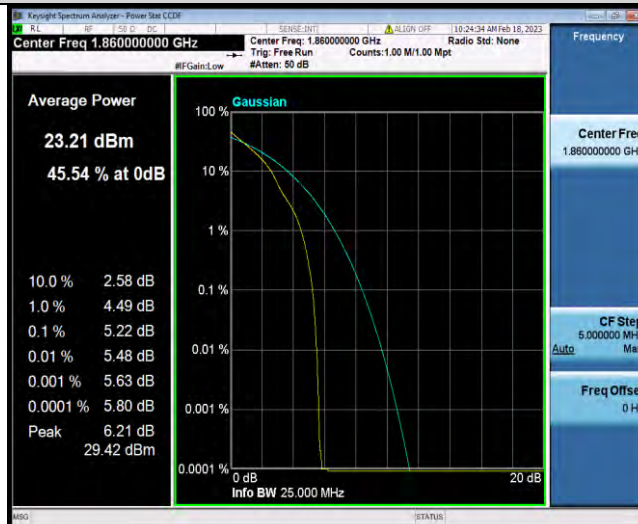


BUREAU VERITAS

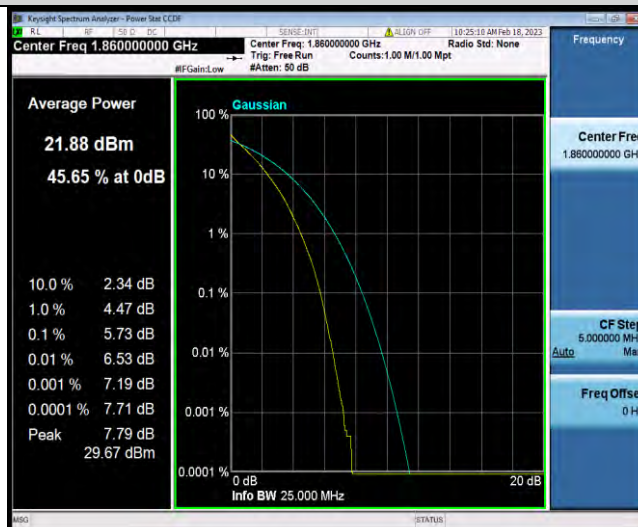
Test Report No.: W7L-P22120012-1RF03



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



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



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

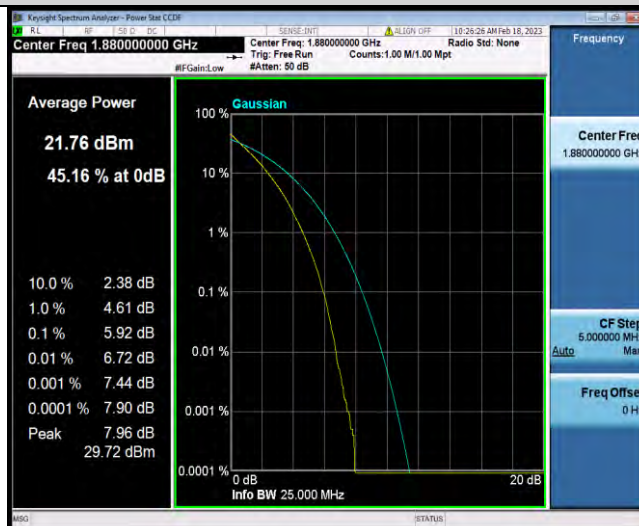


BUREAU VERITAS

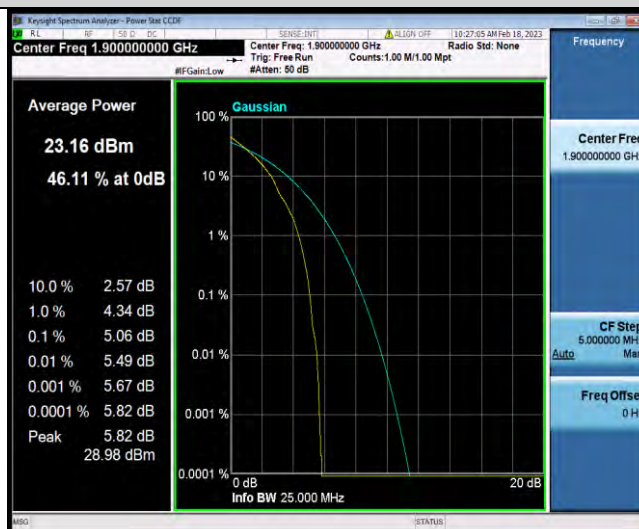
Test Report No.: W7L-P22120012-1RF03



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



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



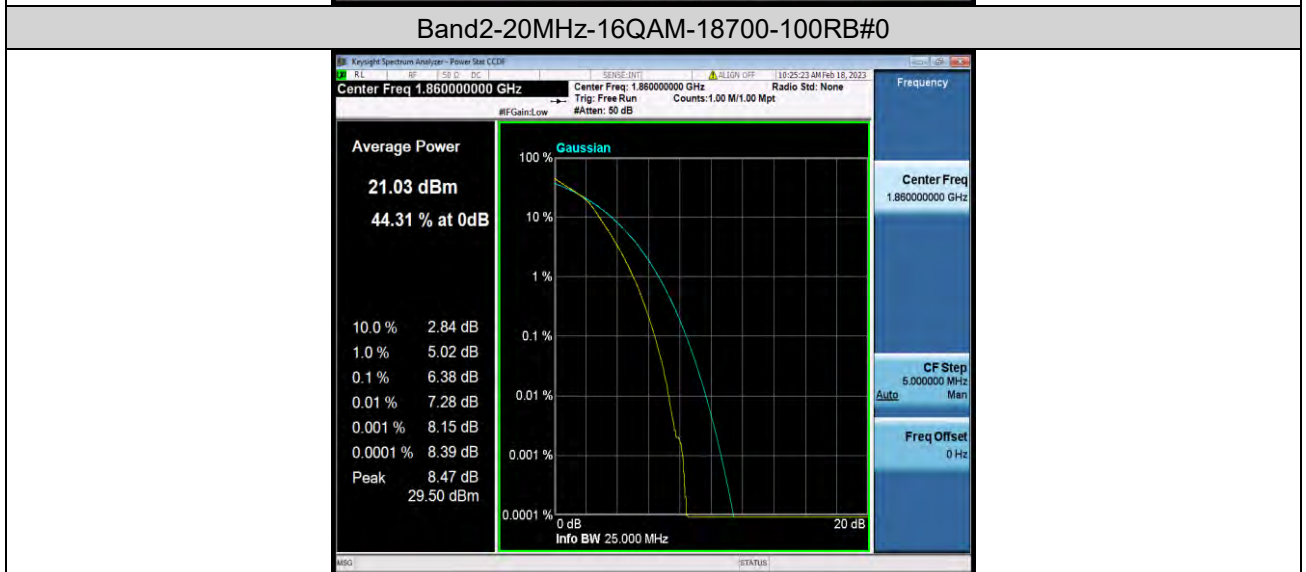
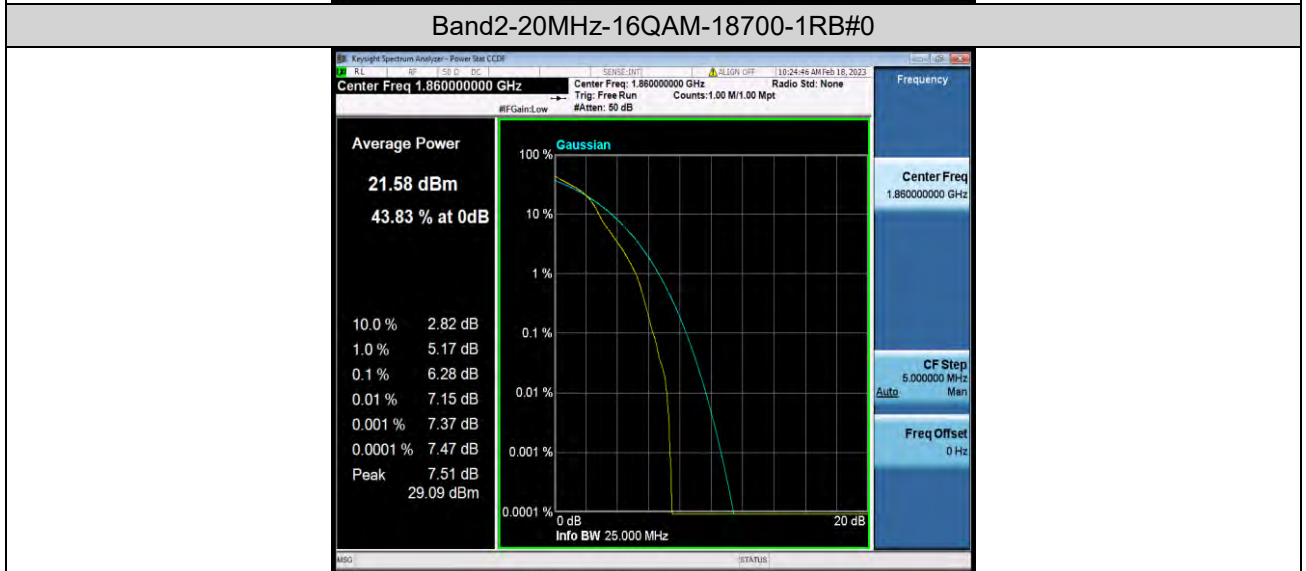
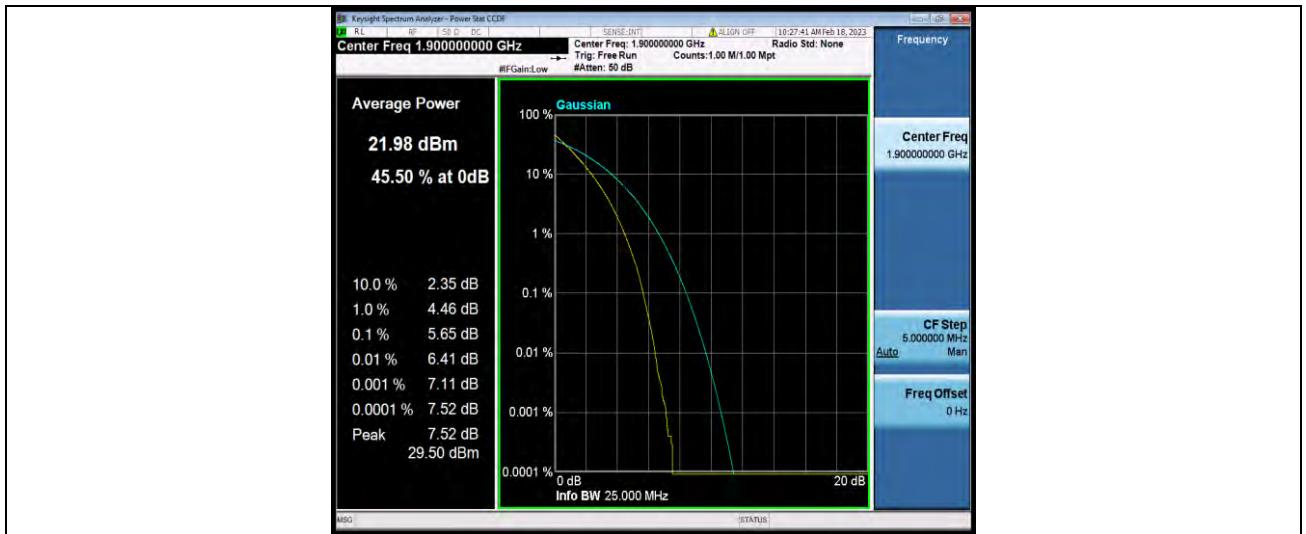
Band2-20MHz-QPSK-19100-100RB#0





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Test Report No.: W7L-P22120012-1RF03





BUREAU VERITAS

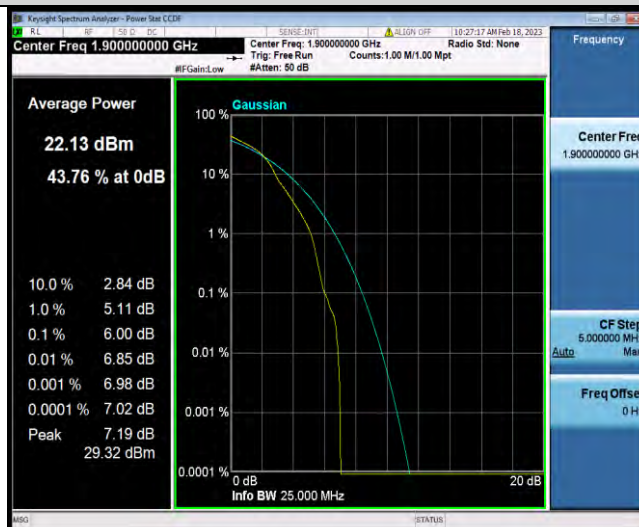
Test Report No.: W7L-P22120012-1RF03



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



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

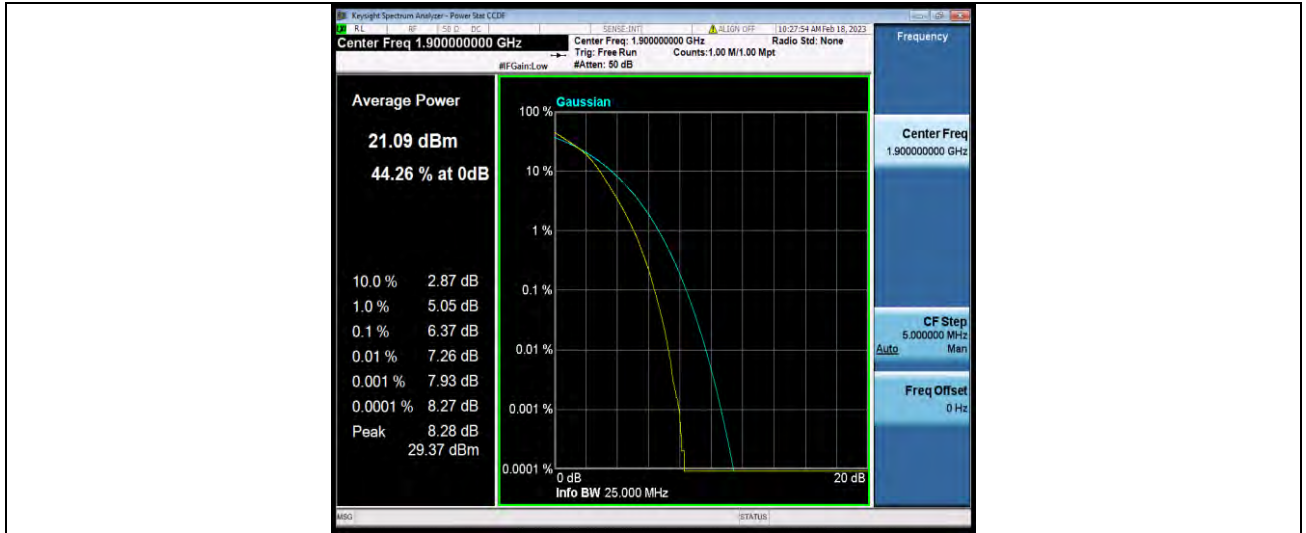


Band2-20MHz-16QAM-19100-100RB#0



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VERITAS

### Test Report No.: W7L-P22120012-1RF03





## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

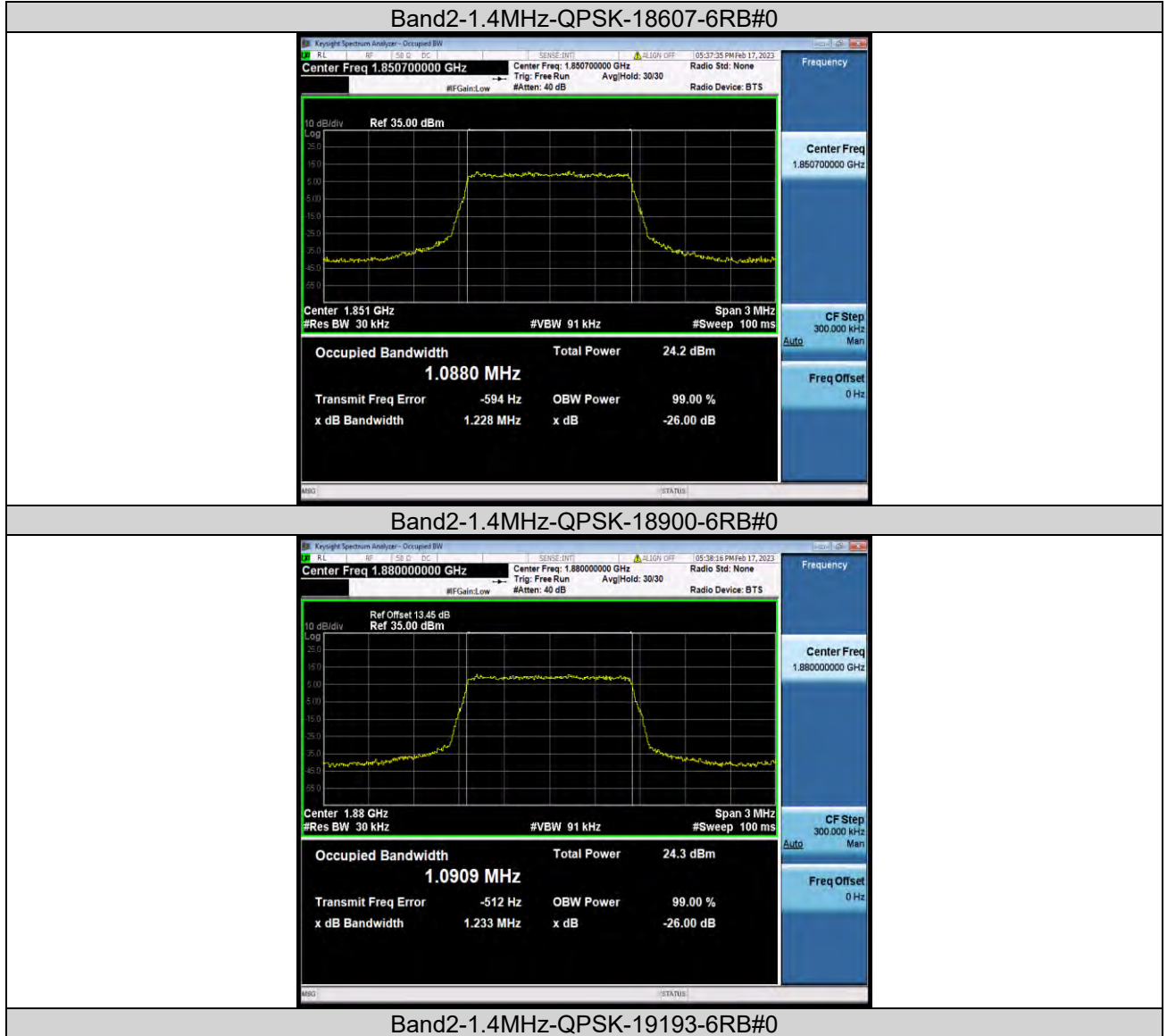
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0880	1.228	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0909	1.233	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0898	1.224	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0930	1.238	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0914	1.234	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0922	1.234	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6975	2.943	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6997	2.953	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6973	2.967	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6928	2.945	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6918	2.981	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6944	2.974	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4938	4.881	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4977	4.886	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4956	4.879	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5013	4.874	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5018	4.881	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5005	4.878	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9816	9.616	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9916	9.599	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9939	9.617	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9758	9.599	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9913	9.610	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9833	9.580	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.465	14.37	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.477	14.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.464	14.29	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.454	14.30	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.470	14.29	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.459	14.24	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.958	19.05	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.002	19.03	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.954	19.02	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.945	18.99	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.996	19.02	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.935	19.00	PASS



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Test Report No.: W7L-P22120012-1RF03

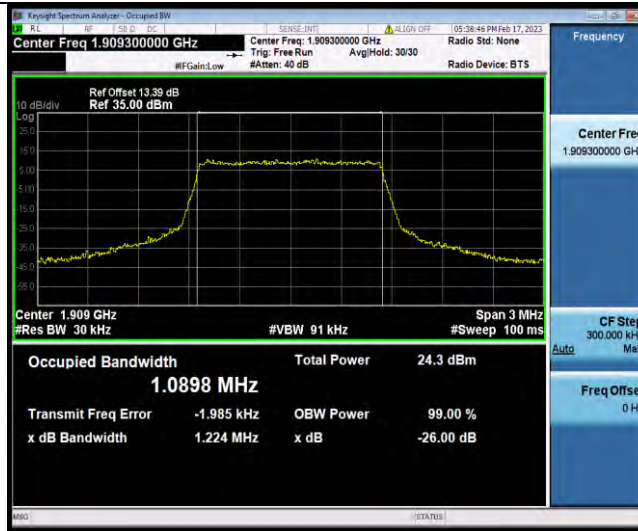
## Test Graphs





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Test Report No.: W7L-P22120012-1RF03



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



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

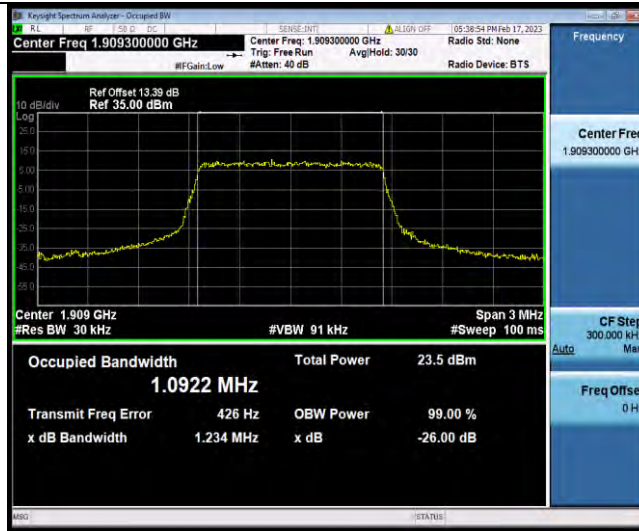


Band2-1.4MHz-16QAM-19193-6RB#0

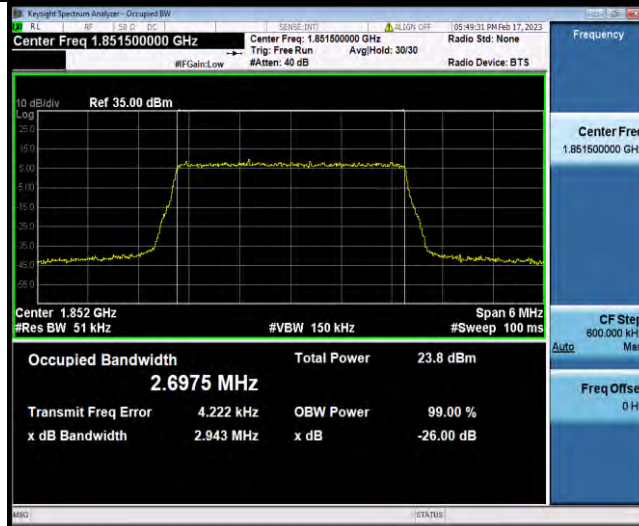


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Test Report No.: W7L-P22120012-1RF03



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



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

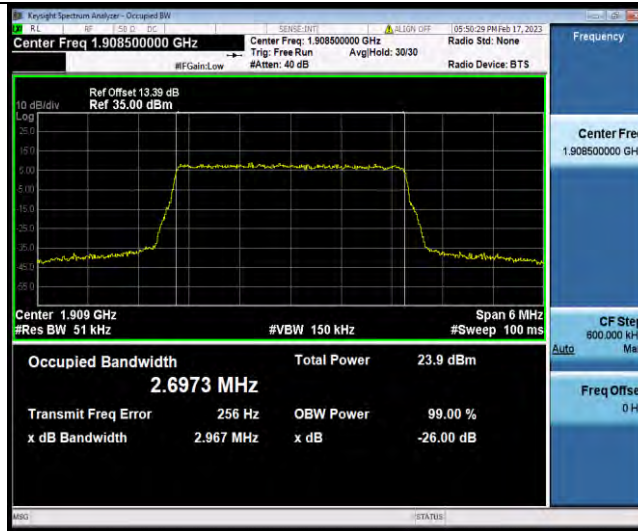


Band2-3MHz-QPSK-19185-15RB#0

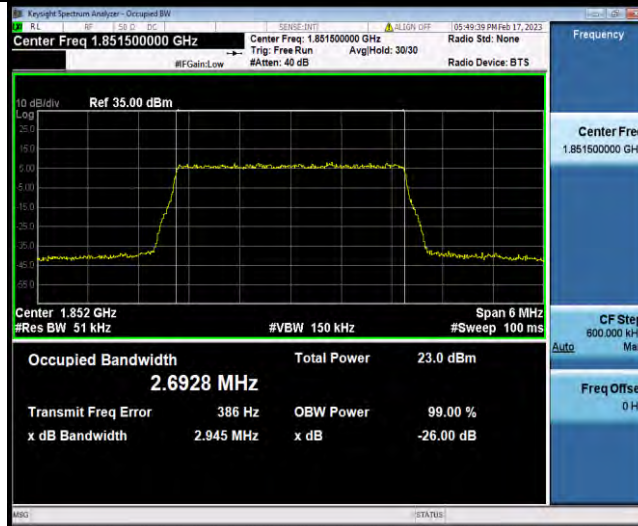


BUREAU VERITAS

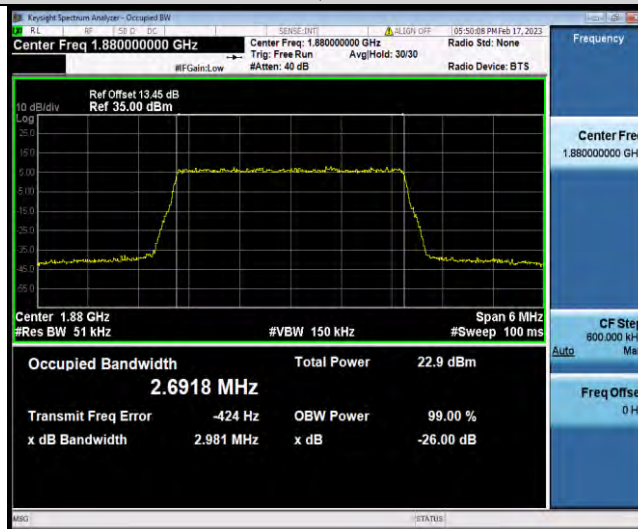
### Test Report No.: W7L-P22120012-1RF03



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



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



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





BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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

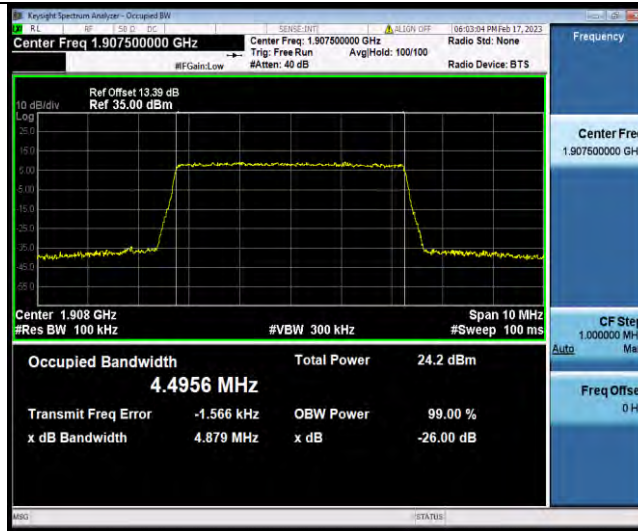


Band2-5MHz-QPSK-19175-25RB#0

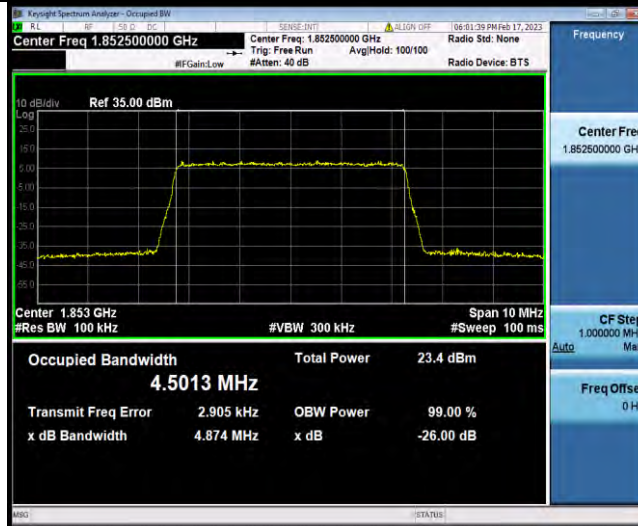


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Test Report No.: W7L-P22120012-1RF03



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



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

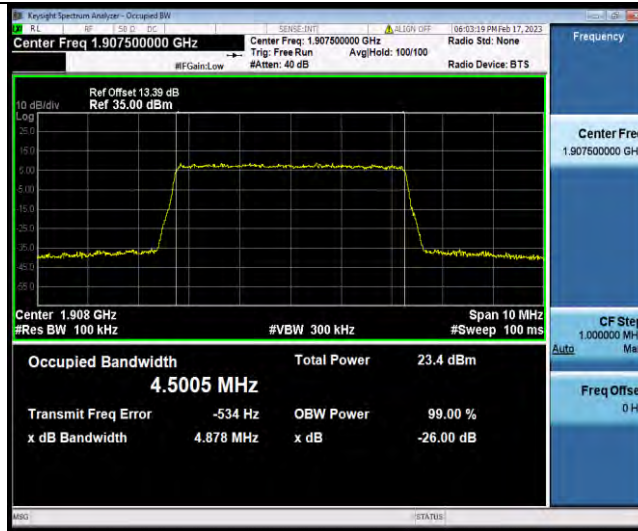


Band2-5MHz-16QAM-19175-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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



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

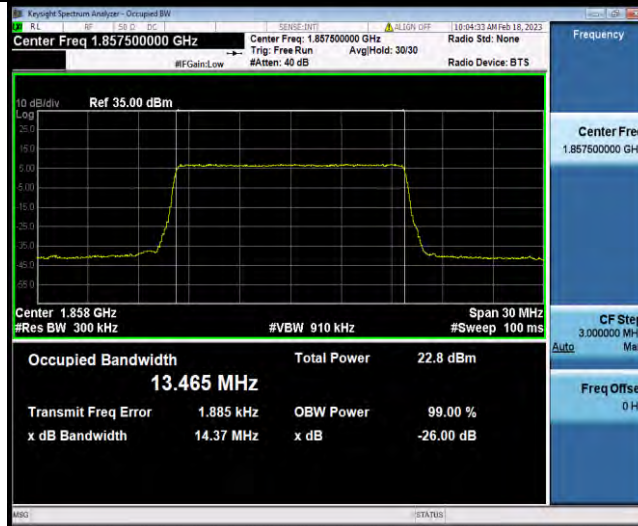


BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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

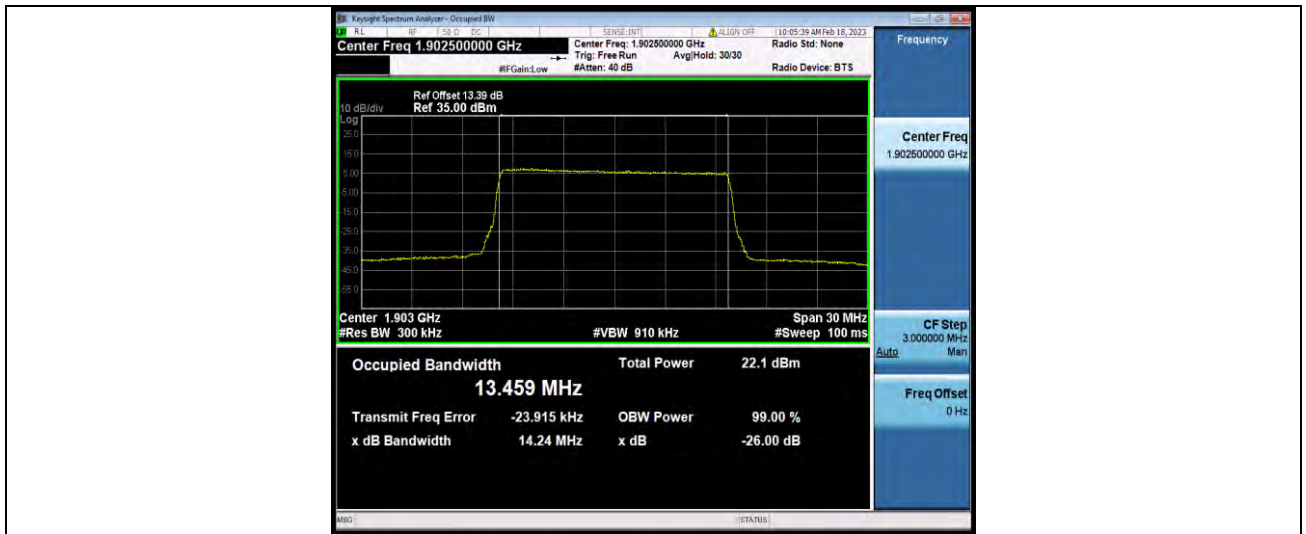


Band2-15MHz-16QAM-19125-75RB#0



BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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



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



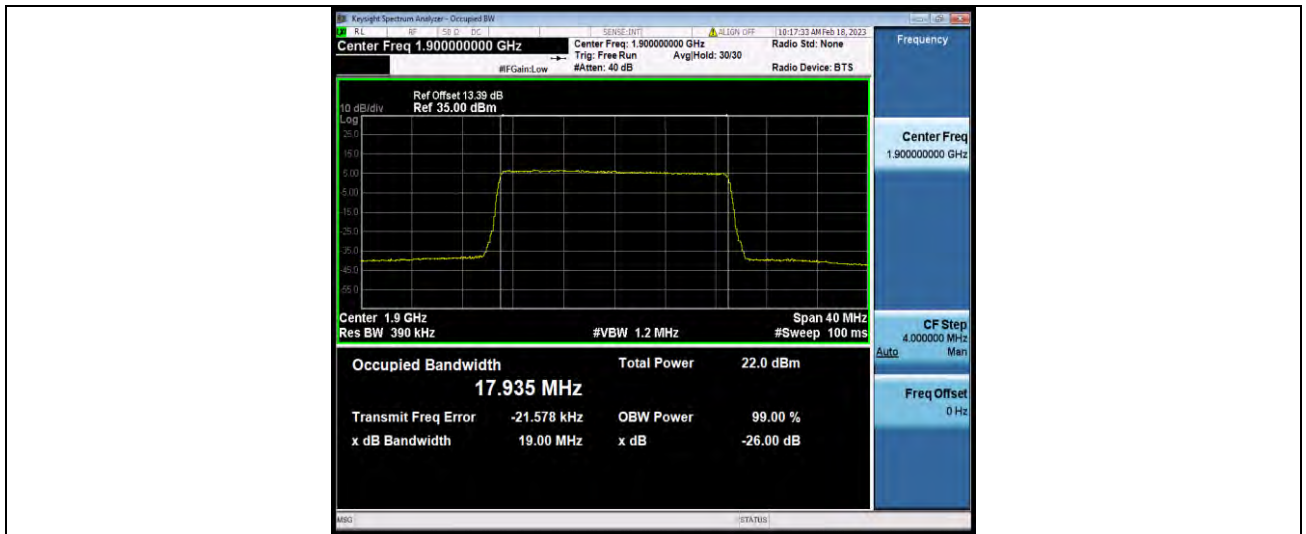
Band2-20MHz-16QAM-19100-100RB#0





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**Test Report No.: W7L-P22120012-1RF03**





### BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-30.81,-33.69	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-33.56,-33.69	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-32.06,-26.14	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-30.22,-33.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-31.44,-33.98	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-33.23,-35.39	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-32.53,-27.06	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.07,-33.39	PASS
Band2	3MHz	QPSK	18615	1RB#0	-38.11,-20.14	PASS
Band2	3MHz	QPSK	18615	15RB#0	-34.56,-28.04	PASS
Band2	3MHz	QPSK	19185	1RB#14	-19.68,-34.82	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.77,-33.68	PASS
Band2	3MHz	16QAM	18615	1RB#0	-38.01,-23.16	PASS
Band2	3MHz	16QAM	18615	15RB#0	-33.49,-28.25	PASS
Band2	3MHz	16QAM	19185	1RB#14	-20.07,-35.10	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.61,-33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	-40.63,-30.18	PASS
Band2	5MHz	QPSK	18625	1RB#24	-37.57,-44.92	PASS
Band2	5MHz	QPSK	18625	25RB#0	-35.70,-36.32	PASS
Band2	5MHz	QPSK	19175	1RB#0	-45.56,-40.73	PASS
Band2	5MHz	QPSK	19175	1RB#24	-30.22,-39.31	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.12,-35.53	PASS
Band2	5MHz	16QAM	18625	1RB#0	-42.00,-31.54	PASS
Band2	5MHz	16QAM	18625	1RB#24	-41.50,-49.57	PASS
Band2	5MHz	16QAM	18625	25RB#0	-35.19,-36.85	PASS
Band2	5MHz	16QAM	19175	1RB#0	-46.61,-42.51	PASS
Band2	5MHz	16QAM	19175	1RB#24	-28.74,-40.85	PASS
Band2	5MHz	16QAM	19175	25RB#0	-36.60,-34.91	PASS
Band2	10MHz	QPSK	18650	1RB#0	-43.28,-34.47	PASS
Band2	10MHz	QPSK	18650	50RB#0	-38.16,-38.63	PASS
Band2	10MHz	QPSK	19150	1RB#49	-35.26,-43.14	PASS
Band2	10MHz	QPSK	19150	50RB#0	-39.28,-38.42	PASS
Band2	10MHz	16QAM	18650	1RB#0	-43.24,-33.96	PASS
Band2	10MHz	16QAM	18650	50RB#0	-37.16,-38.93	PASS
Band2	10MHz	16QAM	19150	1RB#49	-32.98,-43.09	PASS
Band2	10MHz	16QAM	19150	50RB#0	-40.14,-38.28	PASS
Band2	15MHz	QPSK	18675	1RB#0	-43.68,-35.52	PASS
Band2	15MHz	QPSK	18675	75RB#0	-38.34,-41.43	PASS
Band2	15MHz	QPSK	19125	1RB#74	-36.35,-44.08	PASS
Band2	15MHz	QPSK	19125	75RB#0	-42.36,-40.09	PASS
Band2	15MHz	16QAM	18675	1RB#0	-44.35,-34.91	PASS
Band2	15MHz	16QAM	18675	75RB#0	-37.24,-40.85	PASS
Band2	15MHz	16QAM	19125	1RB#74	-34.09,-43.96	PASS



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**VERITAS**

**Test Report No.: W7L-P22120012-1RF03**

Band2	15MHz	16QAM	19125	75RB#0	-42.49,-39.87	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.72,-41.71	PASS
Band2	20MHz	QPSK	18700	100RB#0	-41.01,-43.81	PASS
Band2	20MHz	QPSK	19100	1RB#99	-38.98,-44.68	PASS
Band2	20MHz	QPSK	19100	100RB#0	-45.02,-42.23	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.65,-41.43	PASS
Band2	20MHz	16QAM	18700	100RB#0	-40.10,-42.88	PASS
Band2	20MHz	16QAM	19100	1RB#99	-41.67,-45.72	PASS
Band2	20MHz	16QAM	19100	100RB#0	-45.08,-41.65	PASS



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VERITAS

Test Report No.: W7L-P22120012-1RF03

## Test Graphs





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Test Report No.: W7L-P22120012-1RF03



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



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

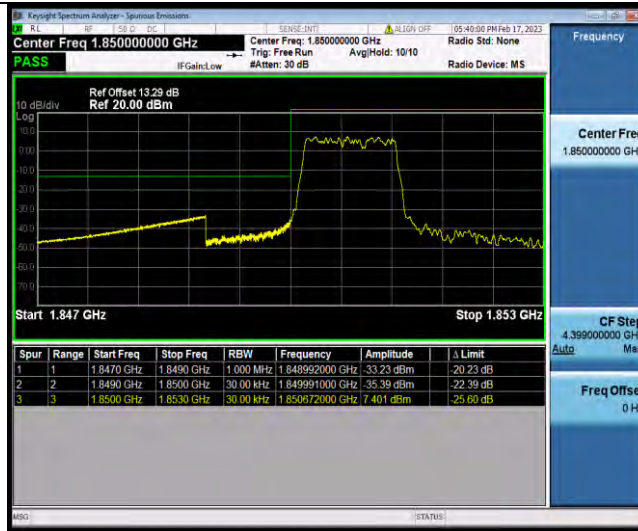


Band2-1.4MHz-16QAM-18607-6RB#0



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### Test Report No.: W7L-P22120012-1RF03



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



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

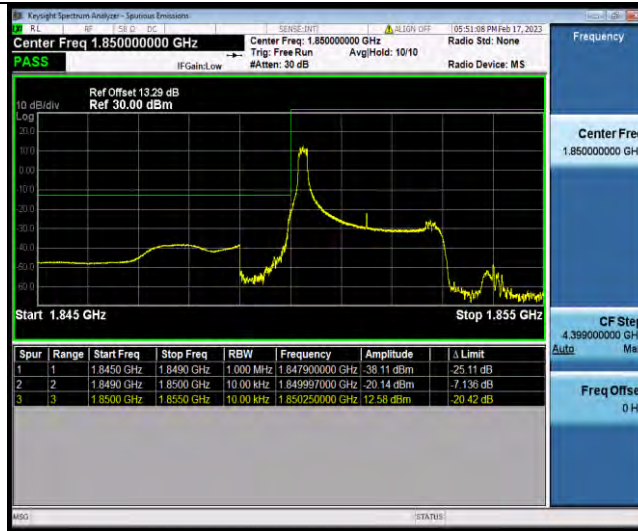


Band2-3MHz-QPSK-18615-1RB#0

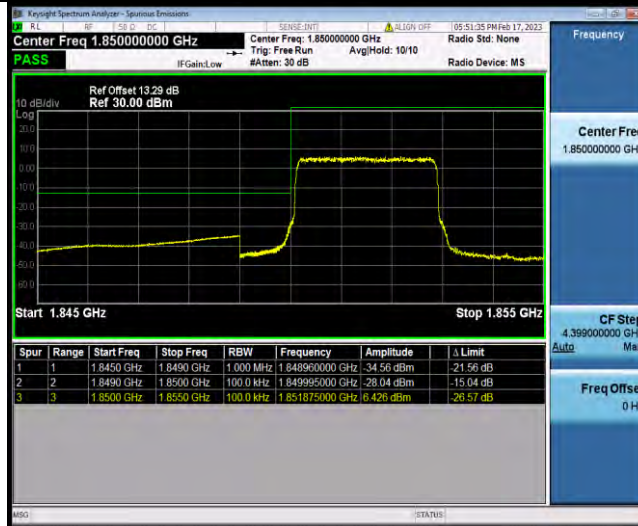


BUREAU VERITAS

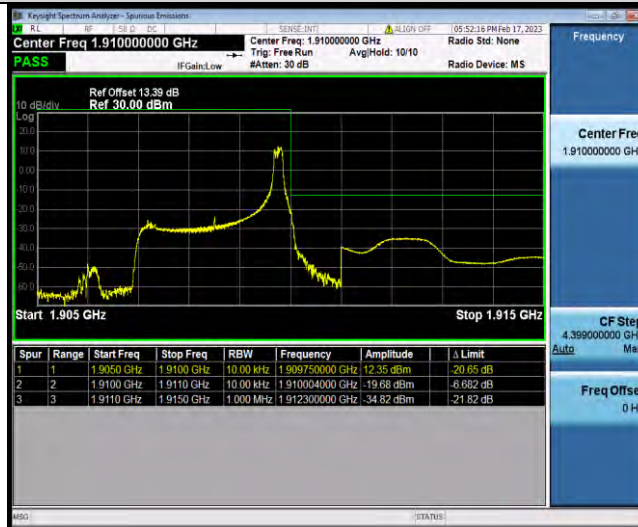
Test Report No.: W7L-P22120012-1RF03



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



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



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

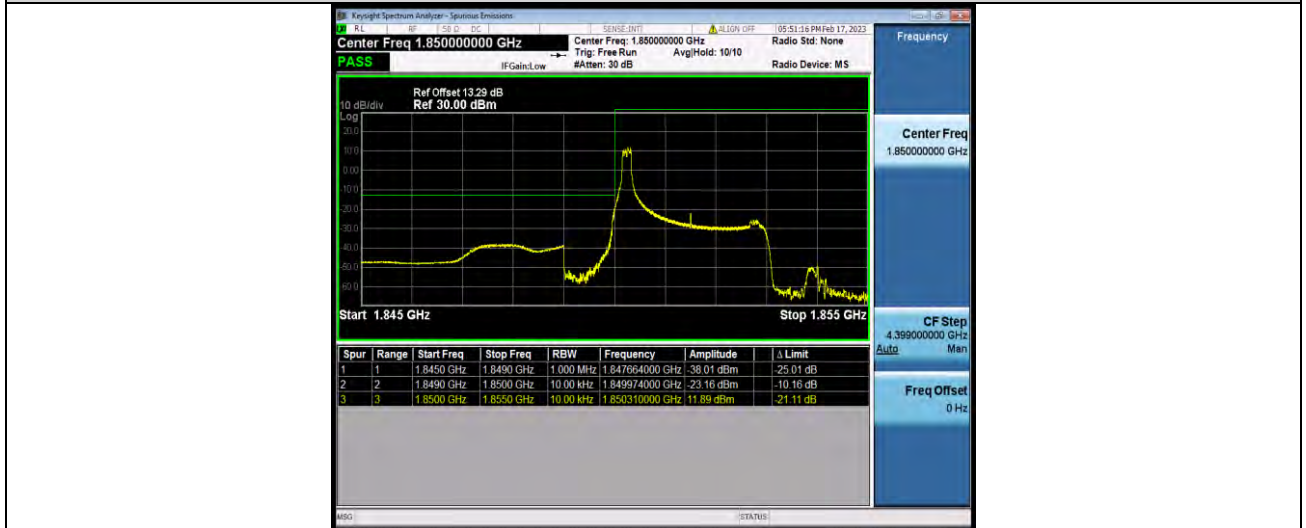


BUREAU VERITAS

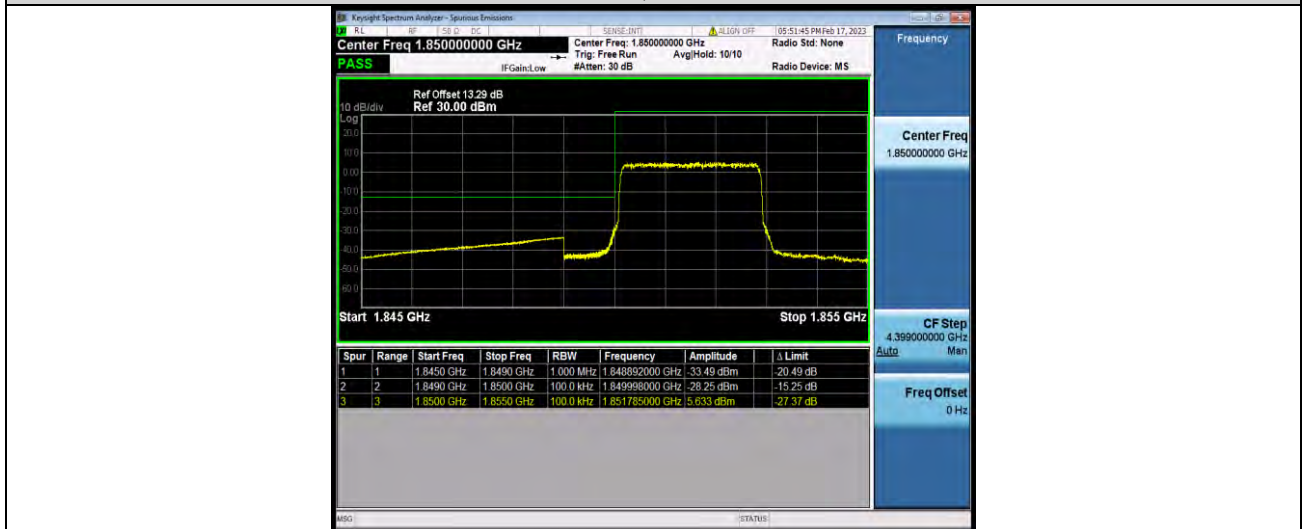
### Test Report No.: W7L-P22120012-1RF03



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



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



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





BUREAU VERITAS

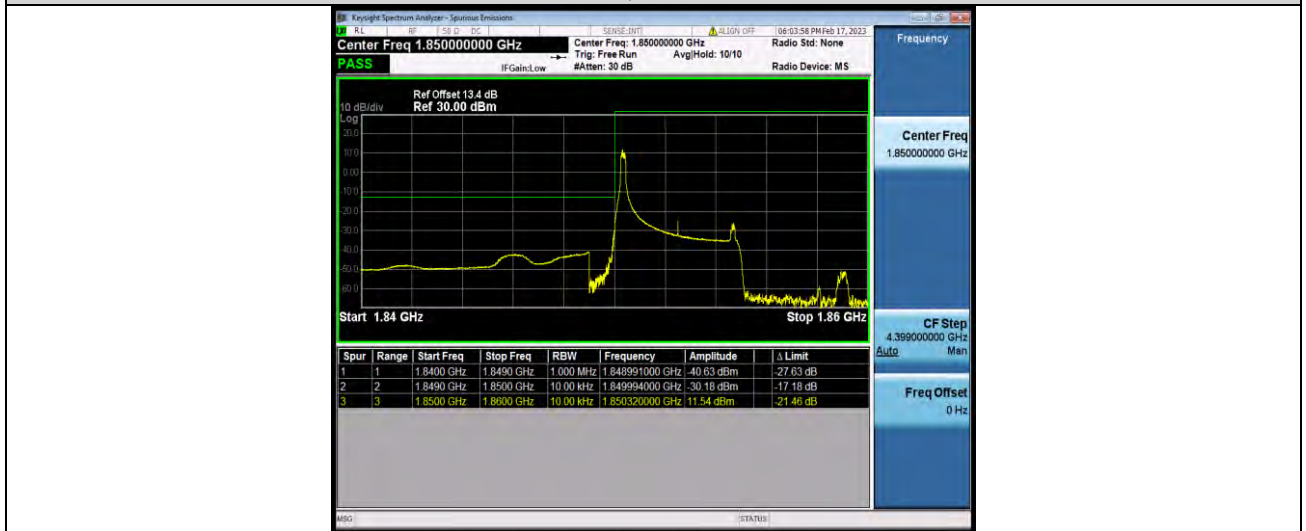
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Band2-3MHz-16QAM-19185-15RB#0



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

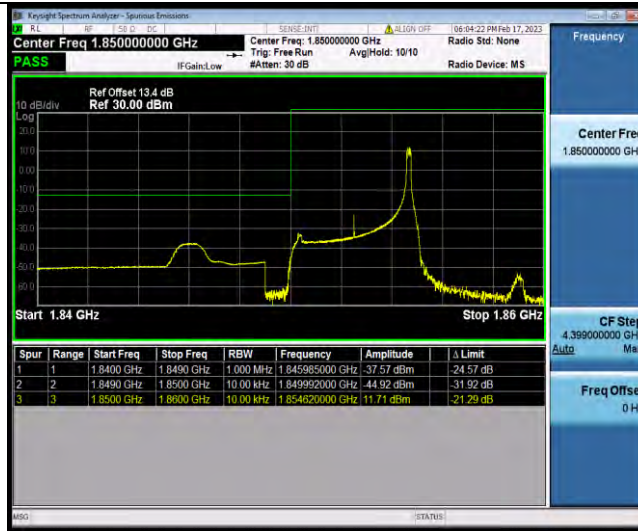


Band2-5MHz-QPSK-18625-1RB#24

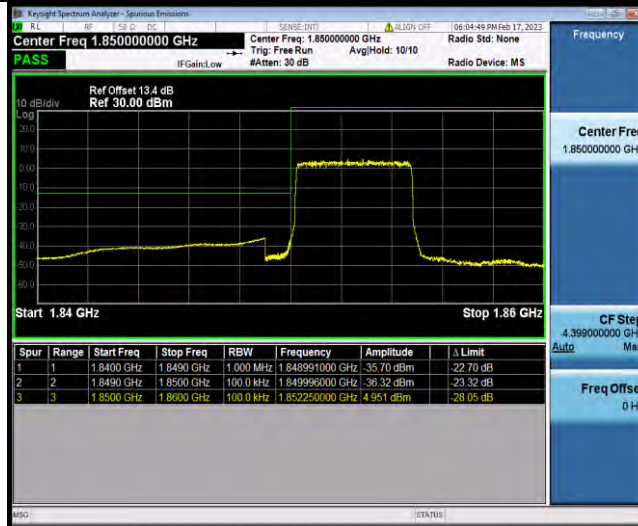


BUREAU VERITAS

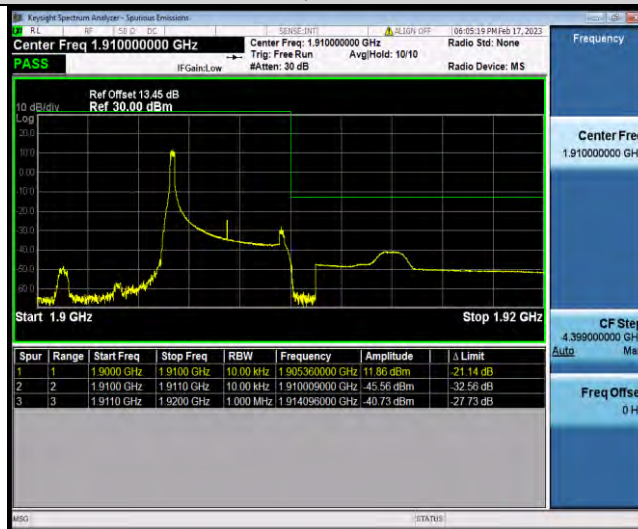
Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

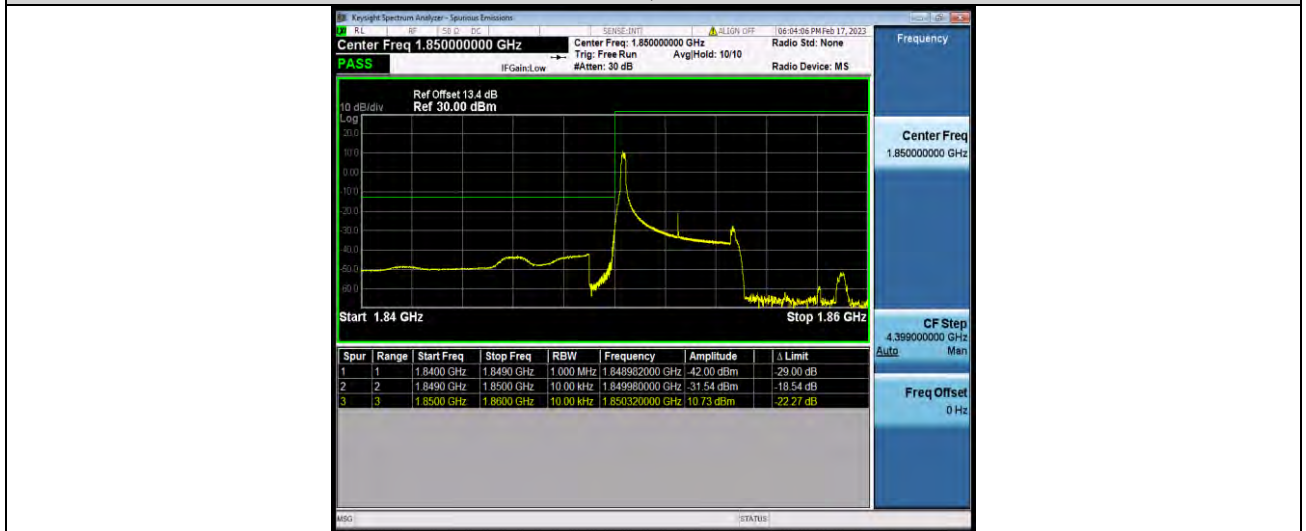
### Test Report No.: W7L-P22120012-1RF03



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



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

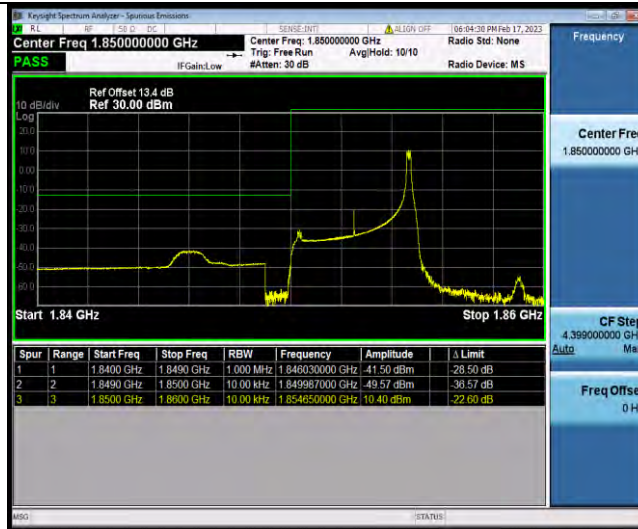


Band2-5MHz-16QAM-18625-1RB#24

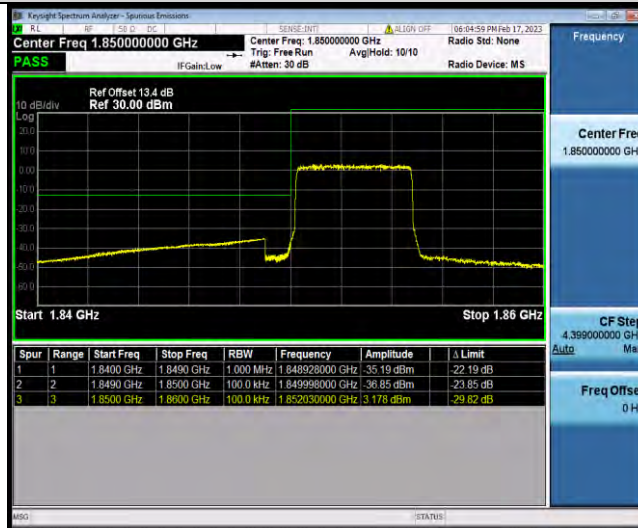


BUREAU VERITAS

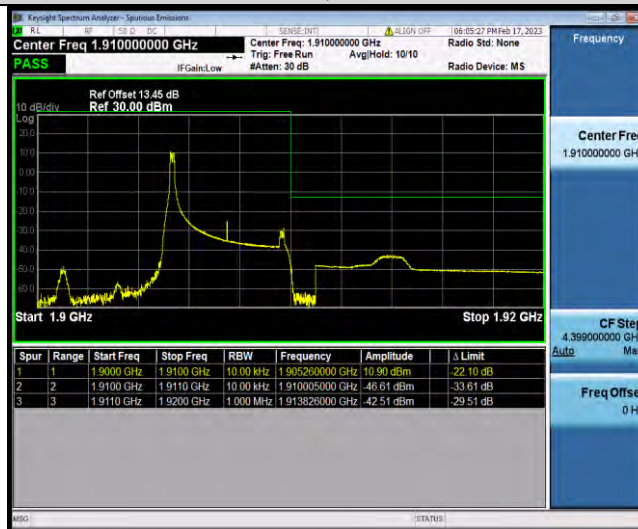
### Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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



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

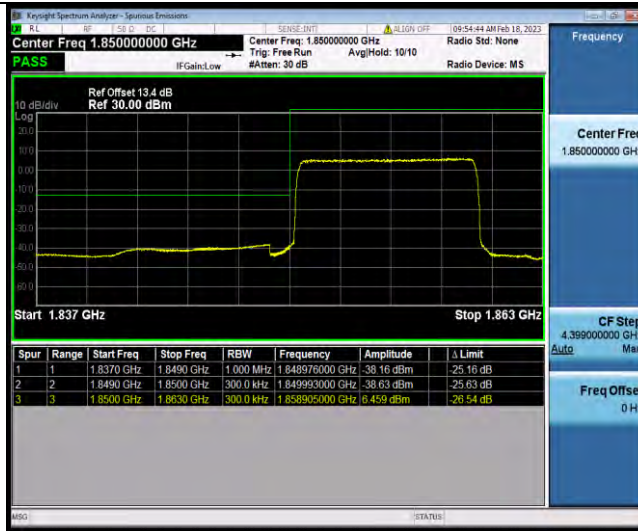


Band2-10MHz-QPSK-18650-50RB#0

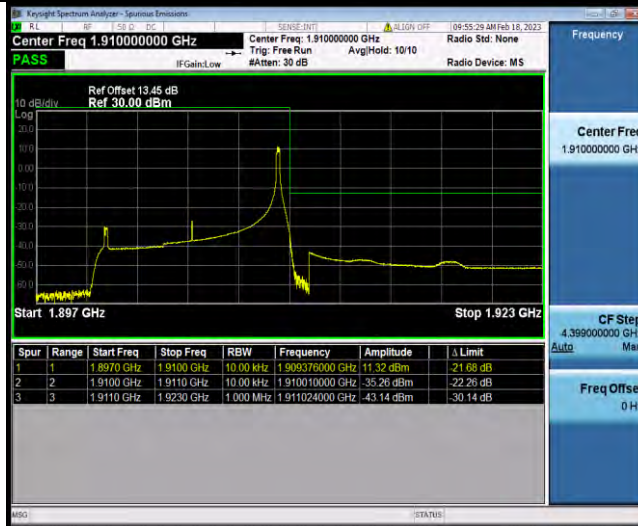


BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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



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

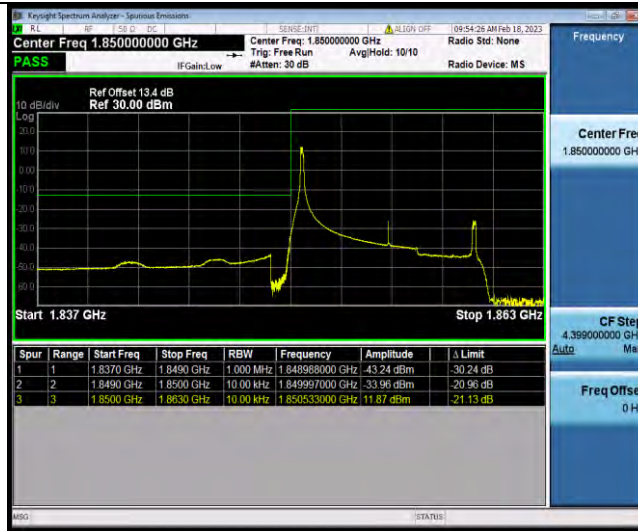


Band2-10MHz-16QAM-18650-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P22120012-1RF03



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



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



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

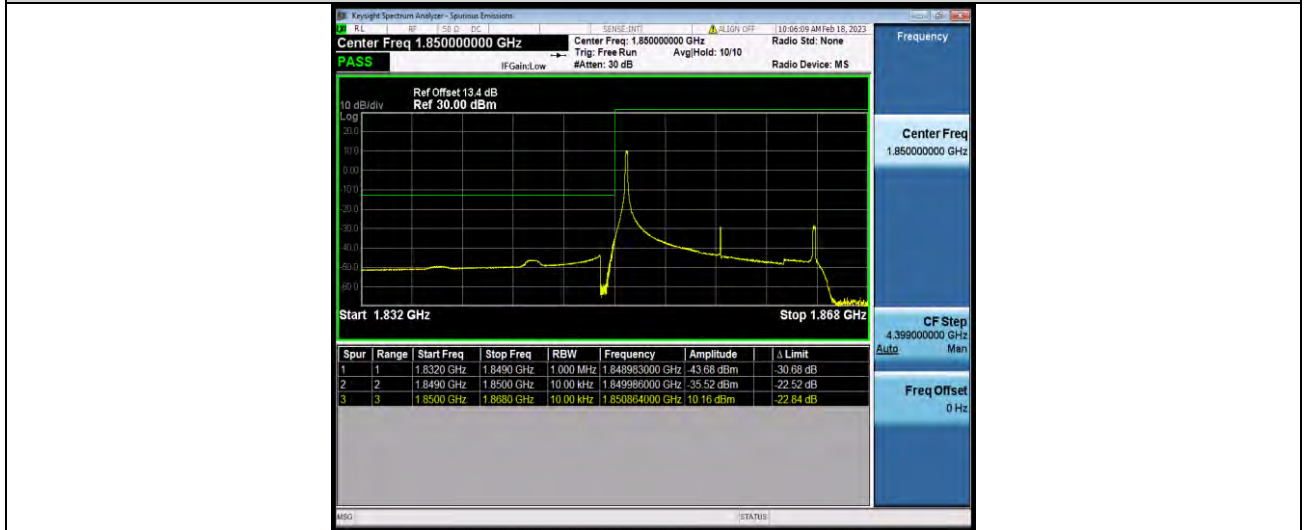


BUREAU VERITAS

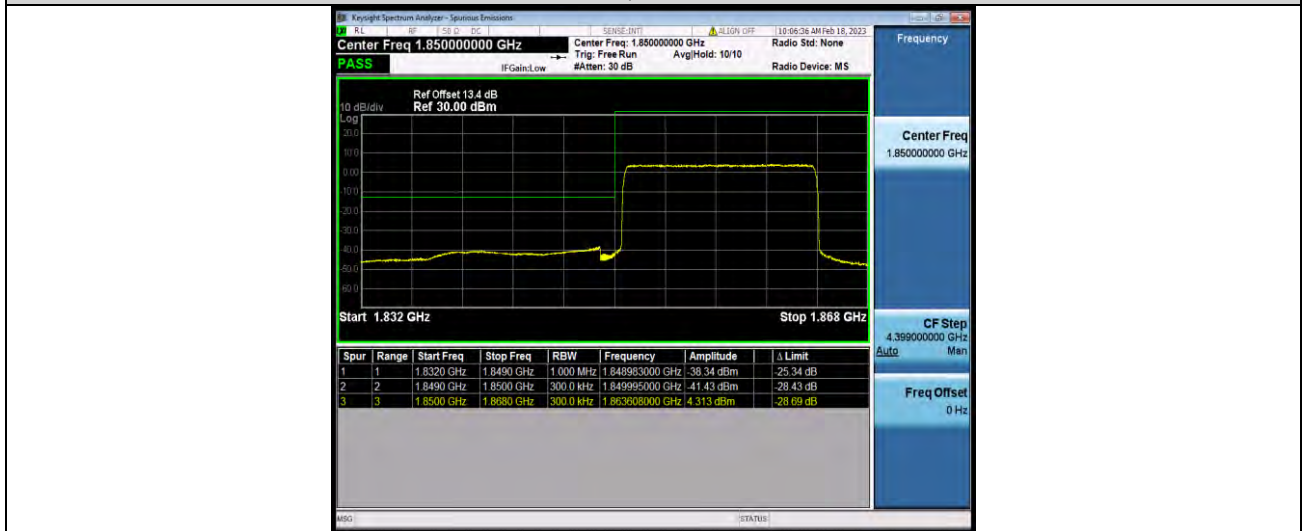
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Band2-15MHz-QPSK-18675-1RB#0



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



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





BUREAU VERITAS

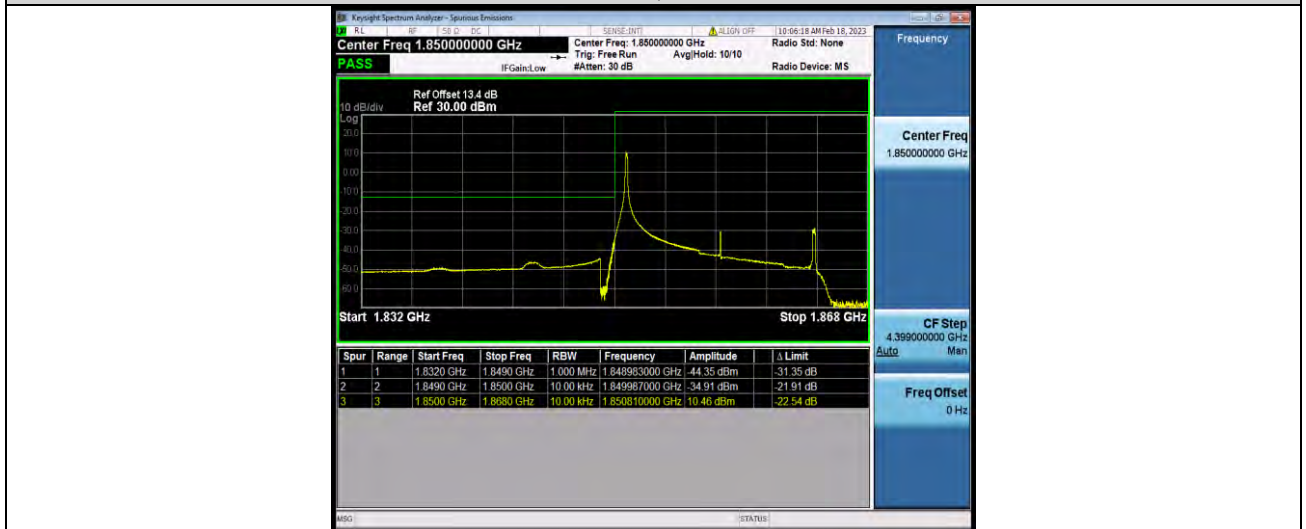
### Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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



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

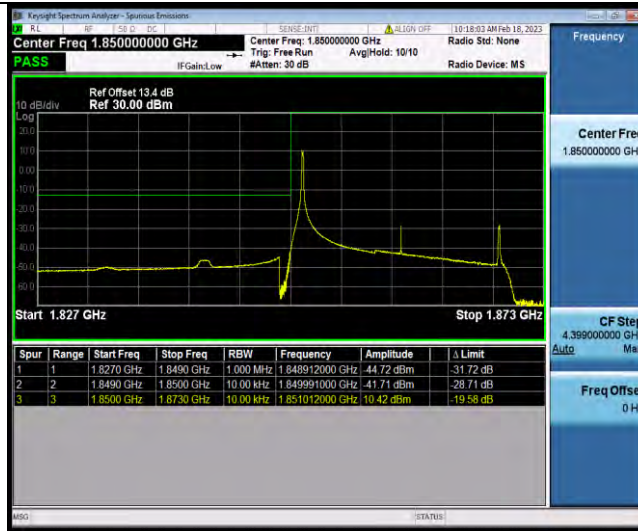


Band2-20MHz-QPSK-18700-1RB#0

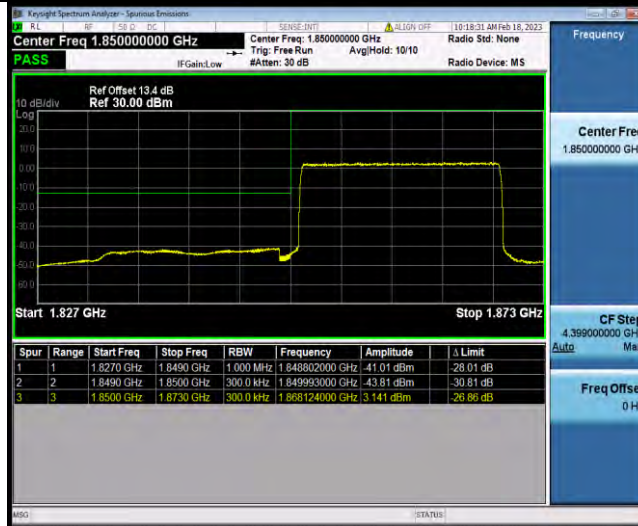


BUREAU VERITAS

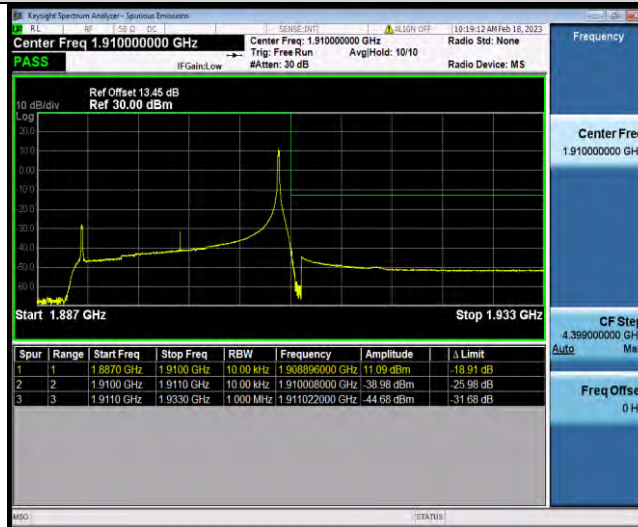
Test Report No.: W7L-P22120012-1RF03



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



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



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

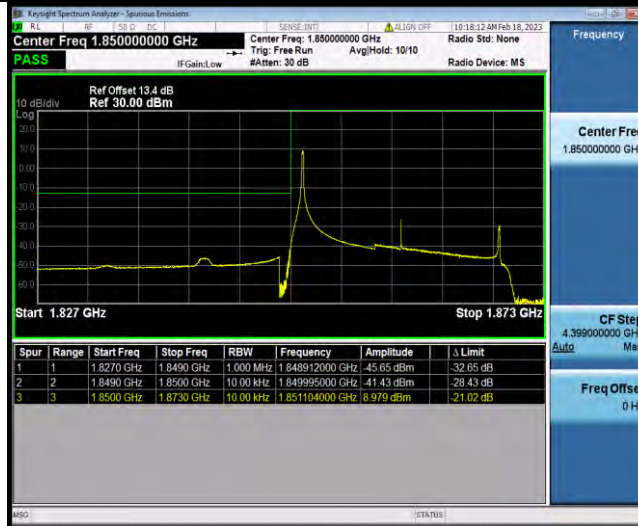


BUREAU VERITAS

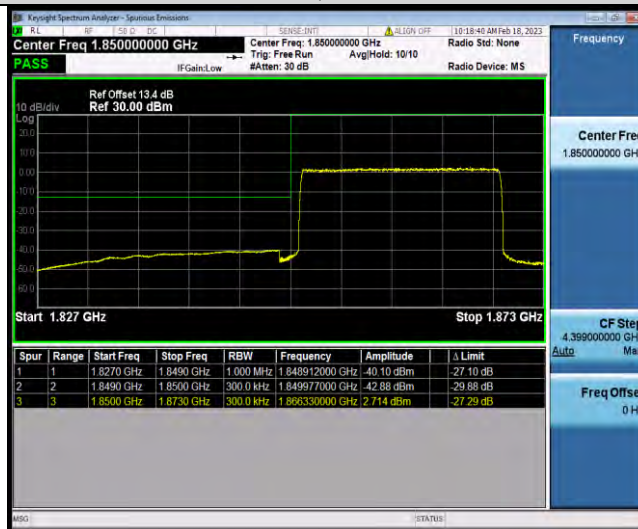
Test Report No.: W7L-P22120012-1RF03



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



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



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



BUREAU VERITAS

### Test Report No.: W7L-P22120012-1RF03



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

