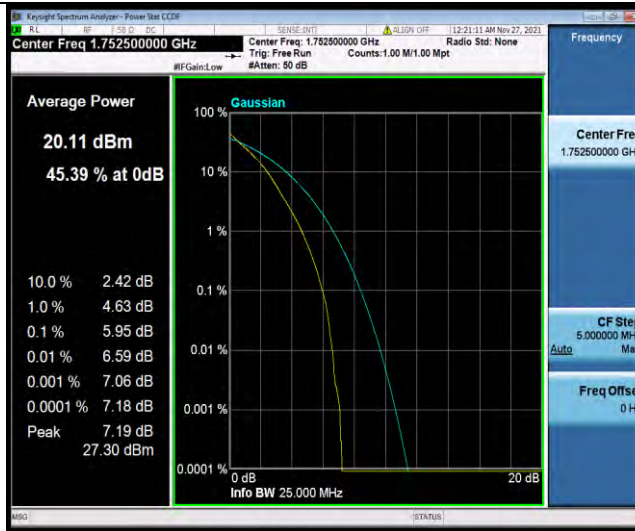


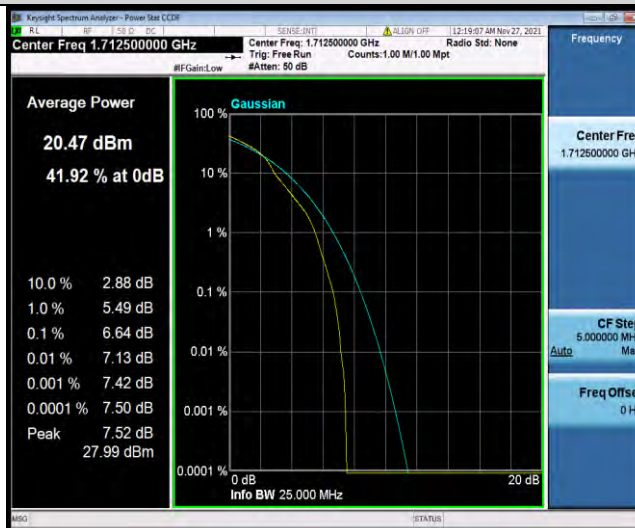


BUREAU VERITAS

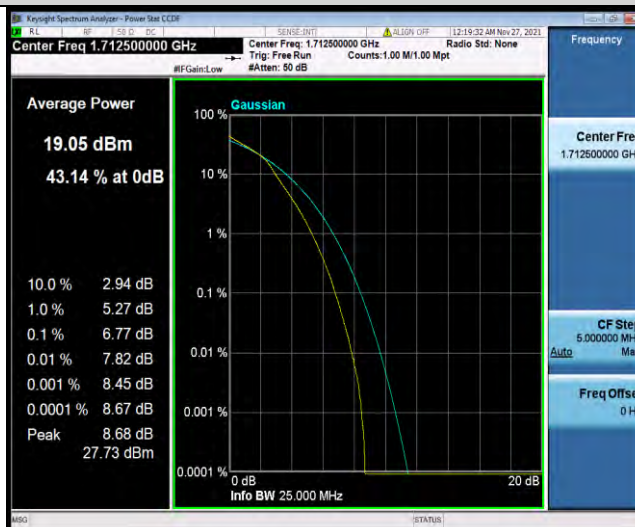
Test Report No.: W7L-P21110027RF03



Band4-5MHz-16QAM-19975-1RB#0



Band4-5MHz-16QAM-19975-25RB#0

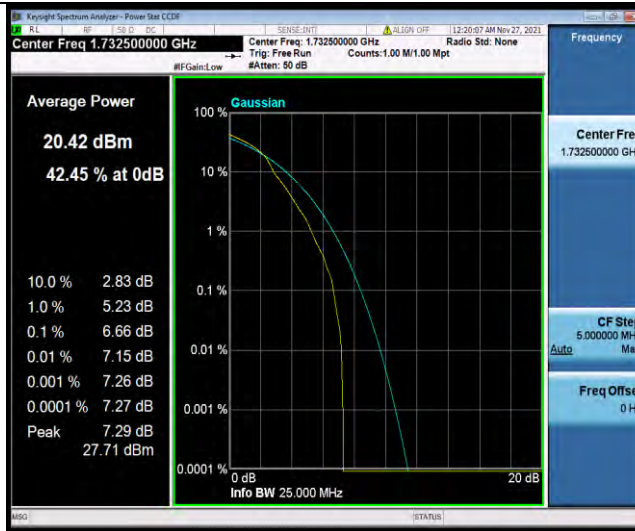


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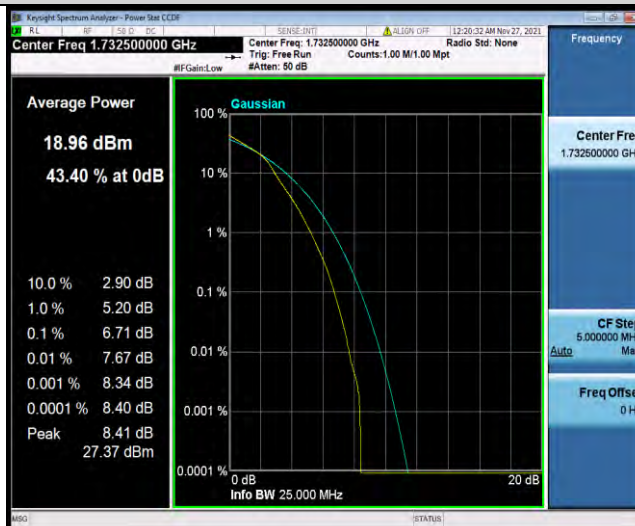


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



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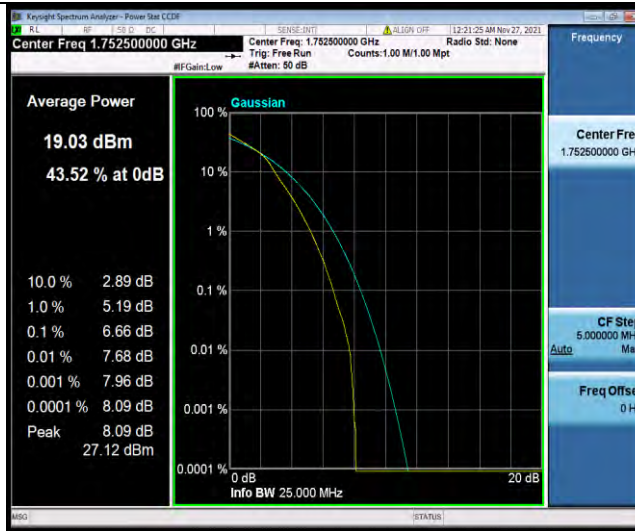


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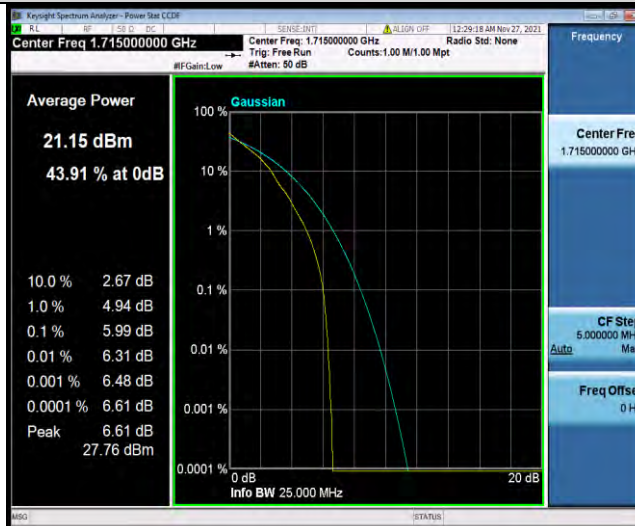


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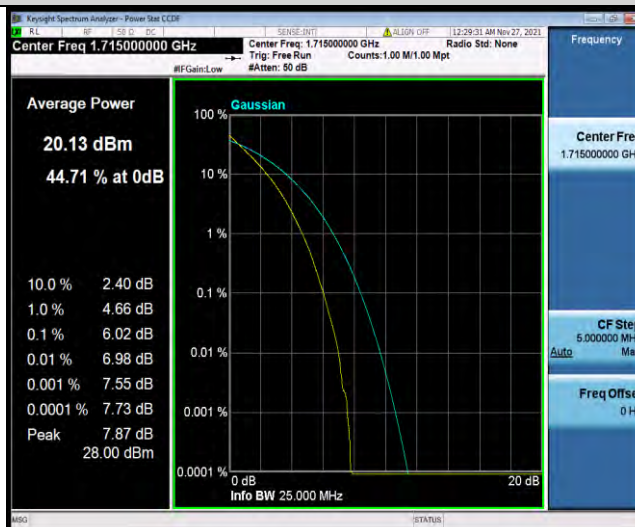
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Band4-10MHz-QPSK-20000-1RB#0



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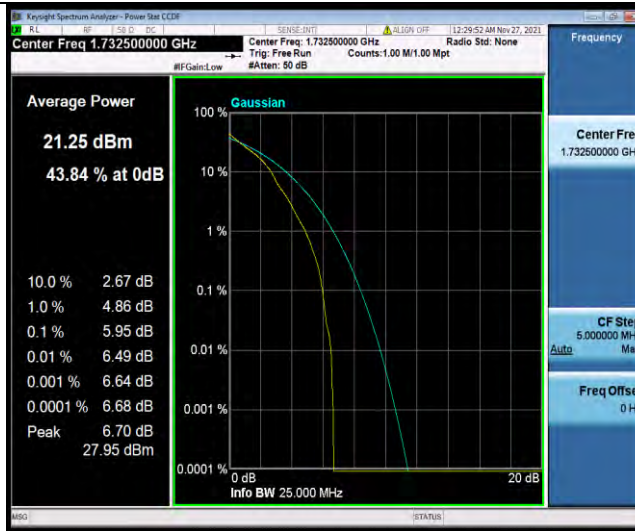


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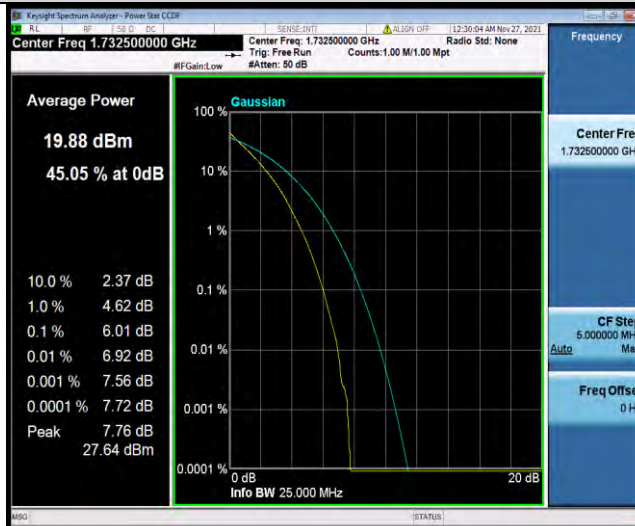


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band4-10MHz-QPSK-20175-50RB#0



Band4-10MHz-QPSK-20350-1RB#0



Band4-10MHz-QPSK-20350-50RB#0



BUREAU VERITAS

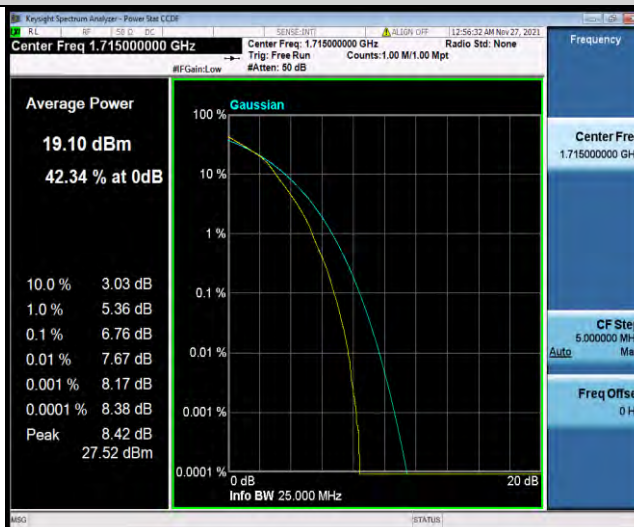
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Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-27RB#0



Band4-10MHz-16QAM-20175-1RB#0



BUREAU VERITAS

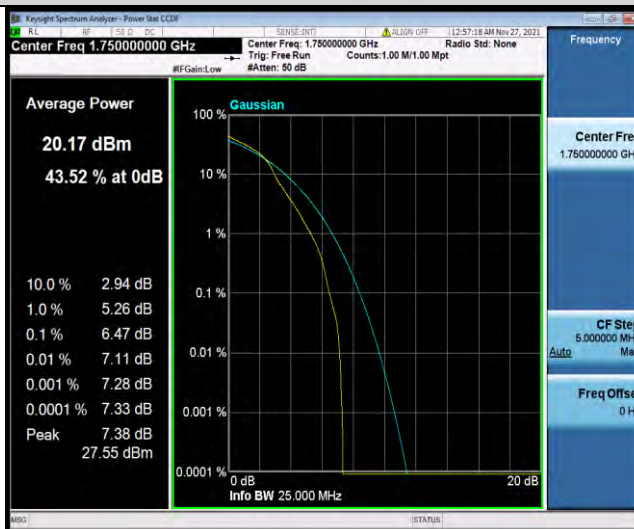
Test Report No.: W7L-P21110027RF03



Band4-10MHz-16QAM-20175-27RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-27RB#0



BUREAU VERITAS

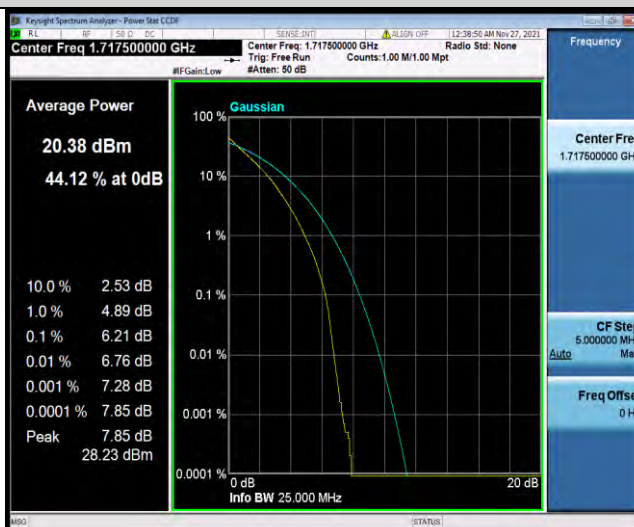
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Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-75RB#0

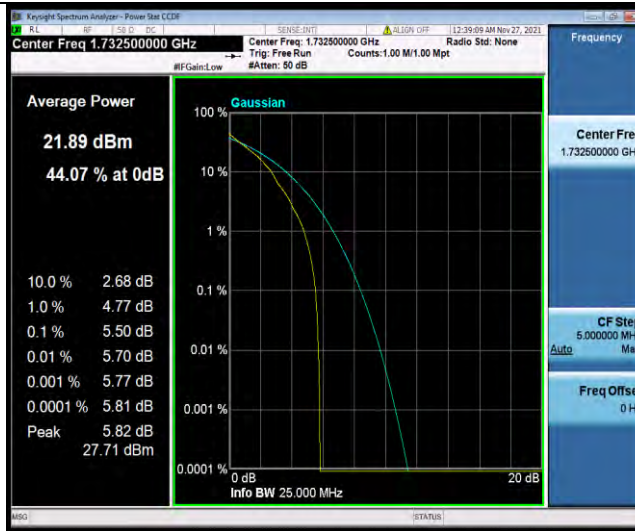


Band4-15MHz-QPSK-20175-1RB#0



BUREAU VERITAS

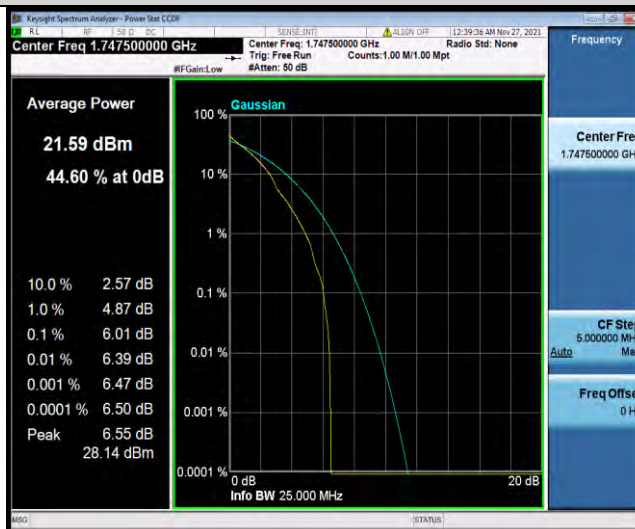
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Band4-15MHz-QPSK-20175-75RB#0



Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-27RB#0

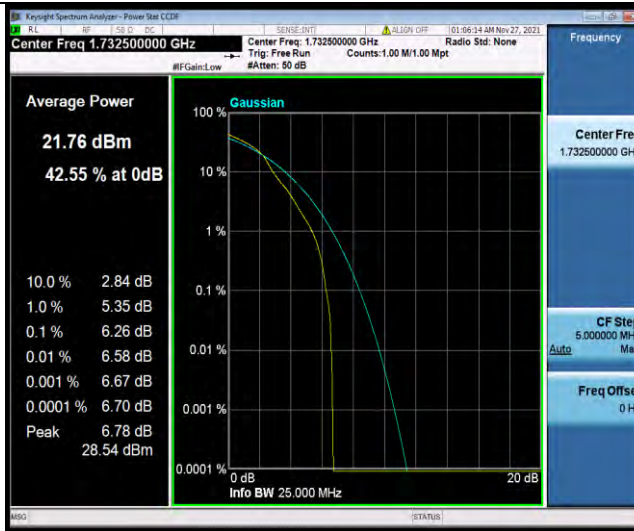


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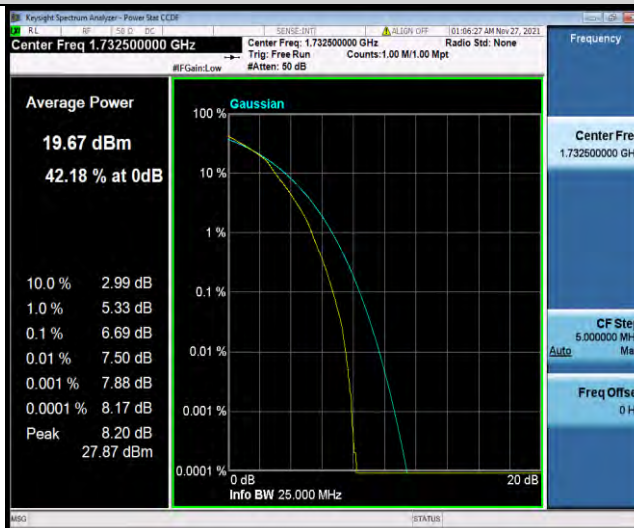


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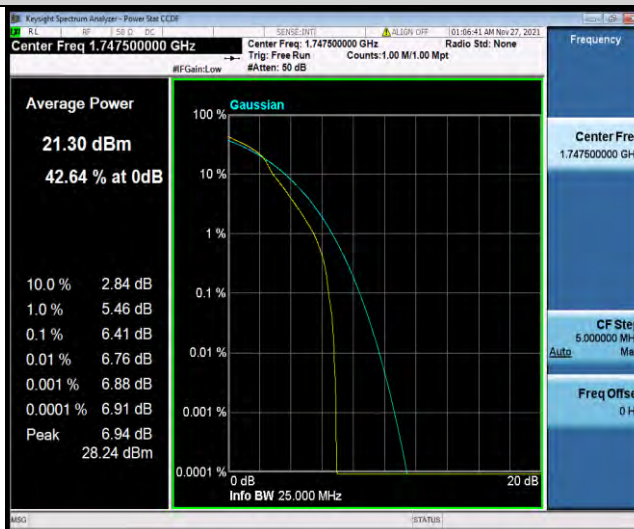
Test Report No.: W7L-P21110027RF03



Band4-15MHz-16QAM-20175-27RB#0



Band4-15MHz-16QAM-20325-1RB#0

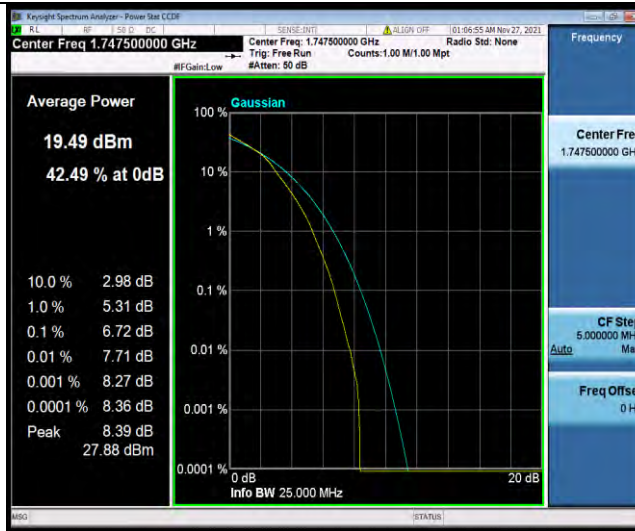


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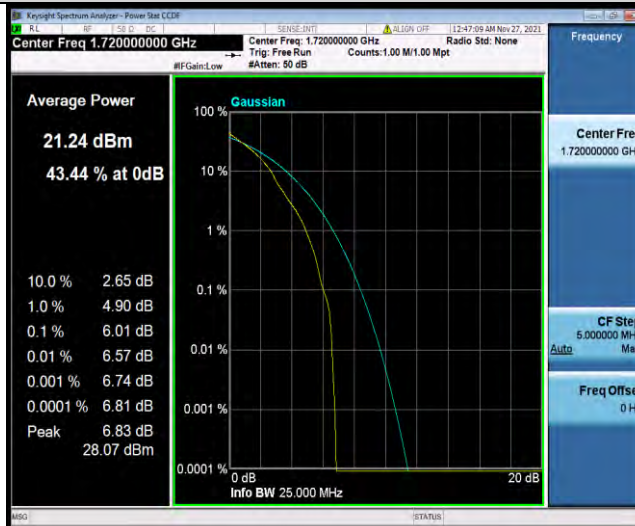


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-100RB#0

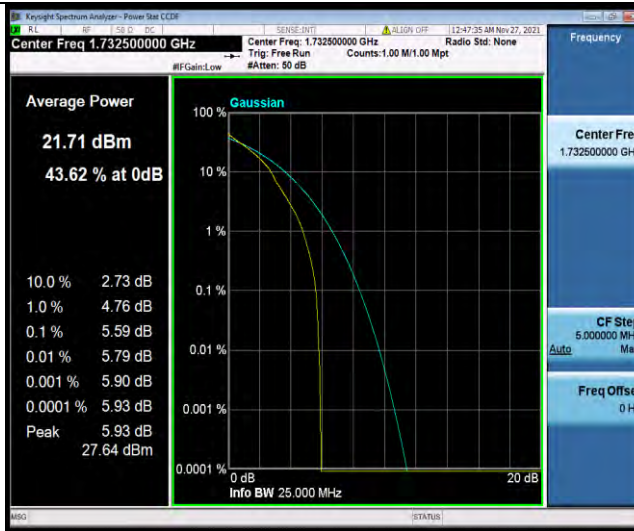


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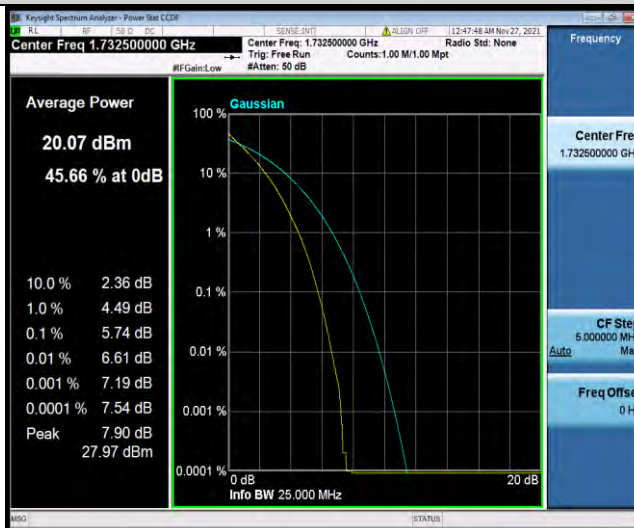


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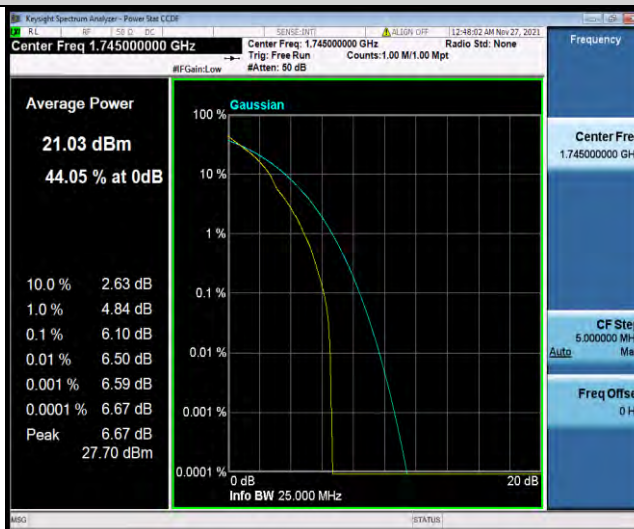
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Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-1RB#0

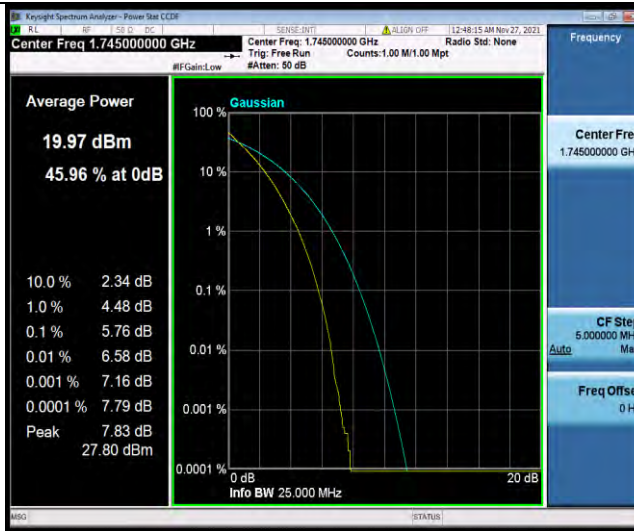


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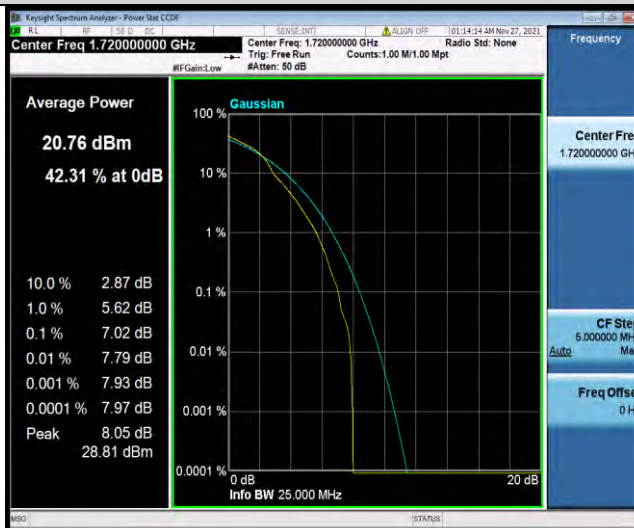


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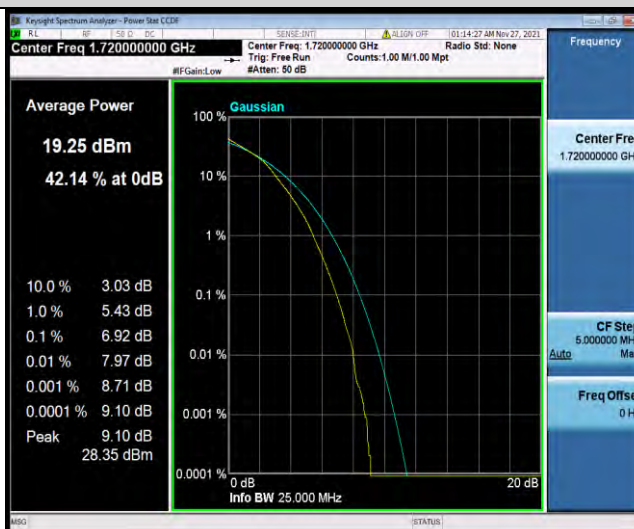
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Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-27RB#0



Band4-20MHz-16QAM-20175-1RB#0

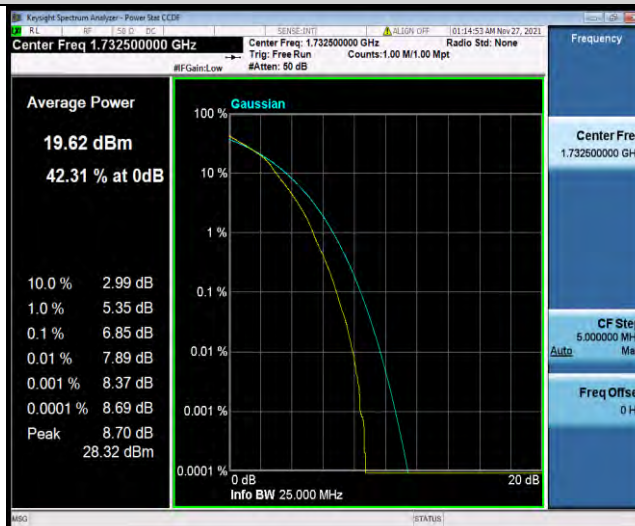


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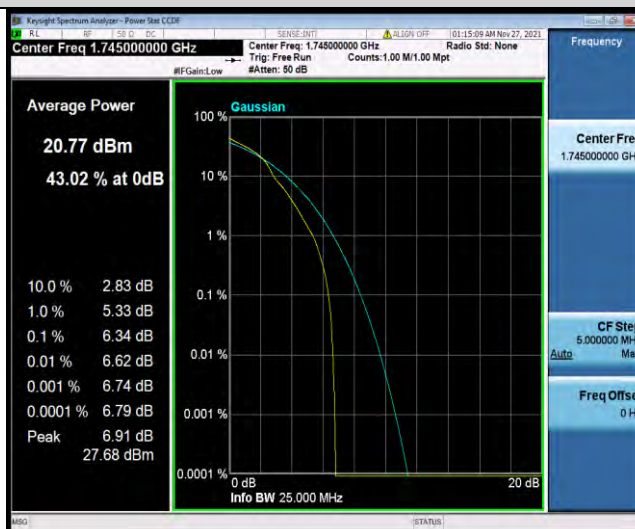
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Band4-20MHz-16QAM-20300-1RB#0

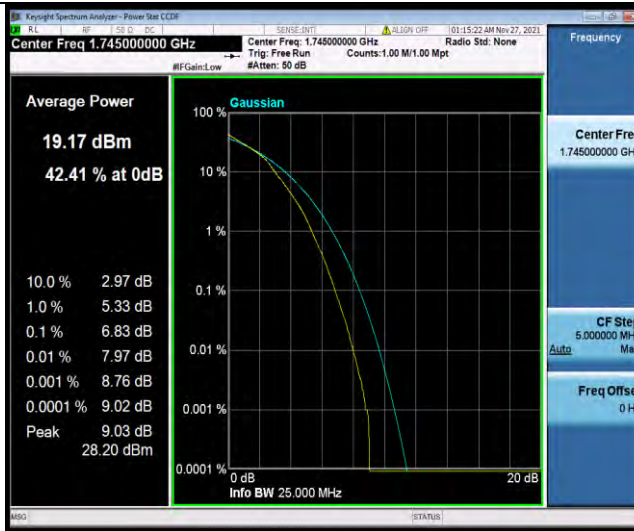


Band4-20MHz-16QAM-20300-27RB#0

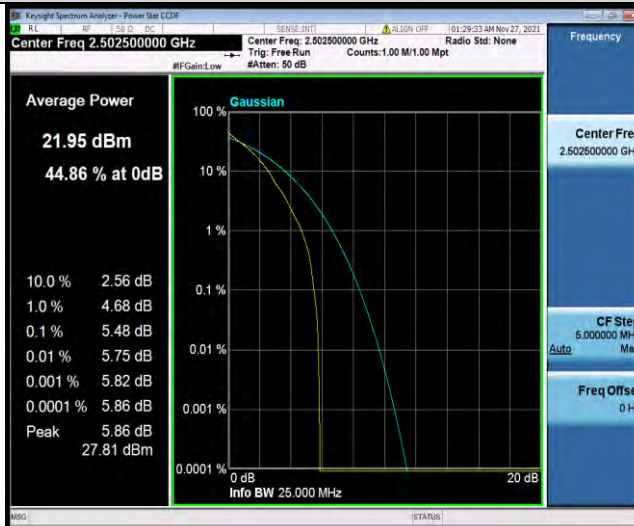


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-1RB#0

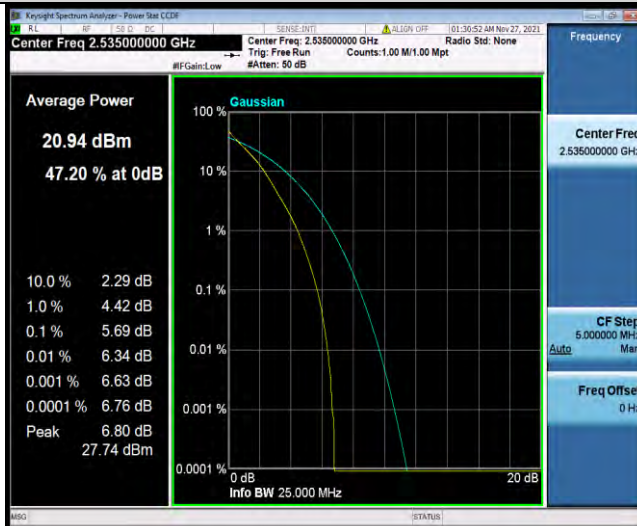


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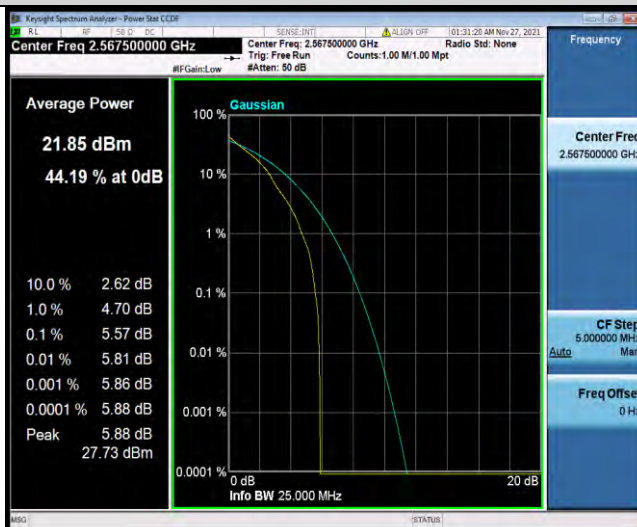
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Band7-5MHz-QPSK-21100-25RB#0



Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-25RB#0

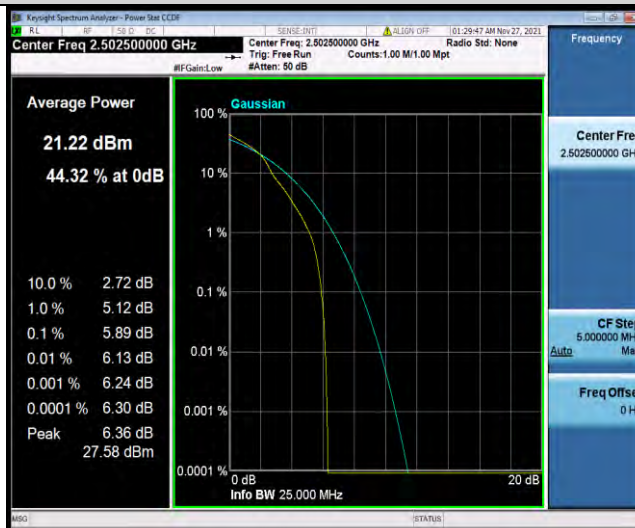


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-1RB#0

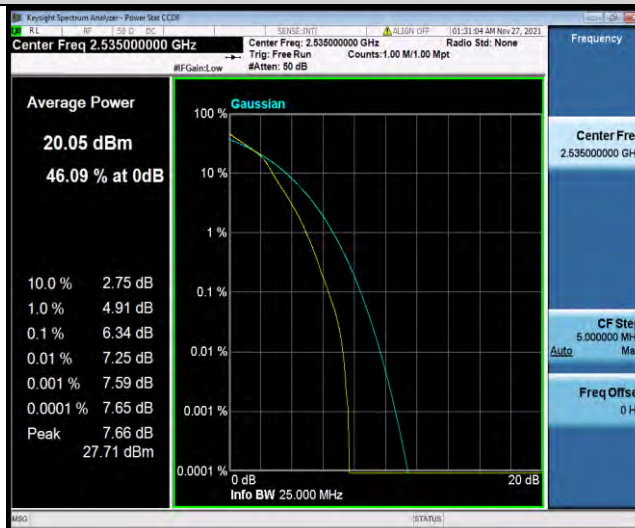


BUREAU VERITAS

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Band7-5MHz-16QAM-21100-25RB#0



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Band7-5MHz-16QAM-21425-25RB#0

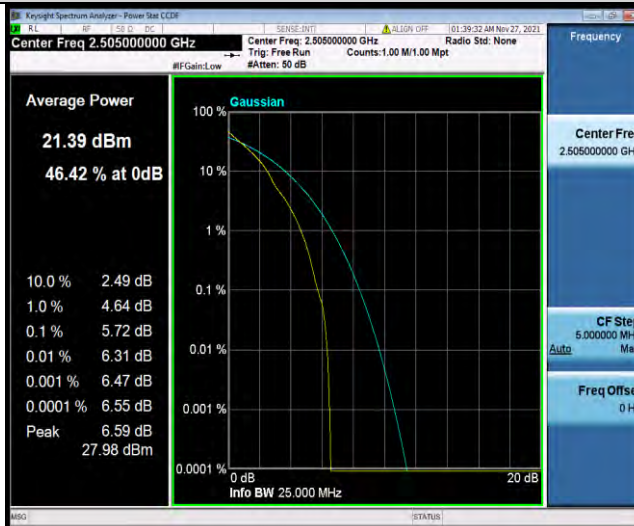


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VERITAS

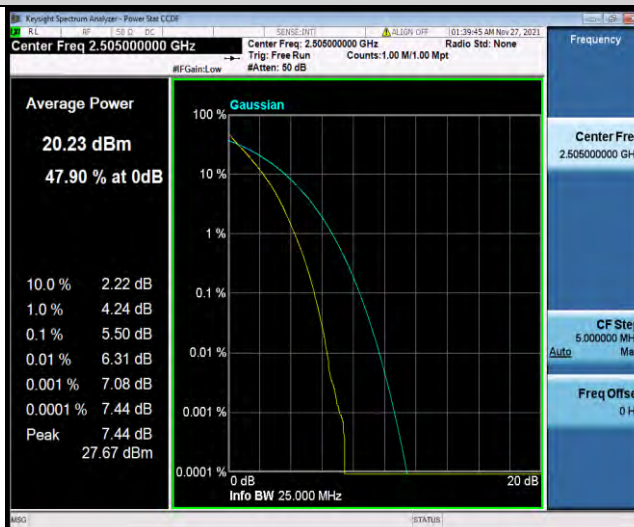
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Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0

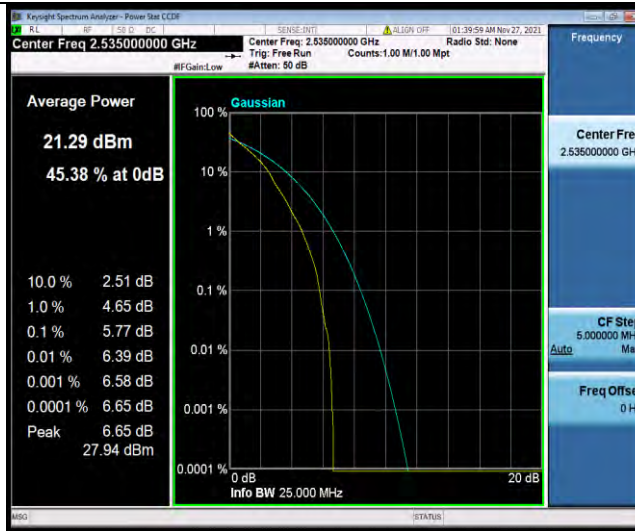


Band7-10MHz-QPSK-21100-1RB#0

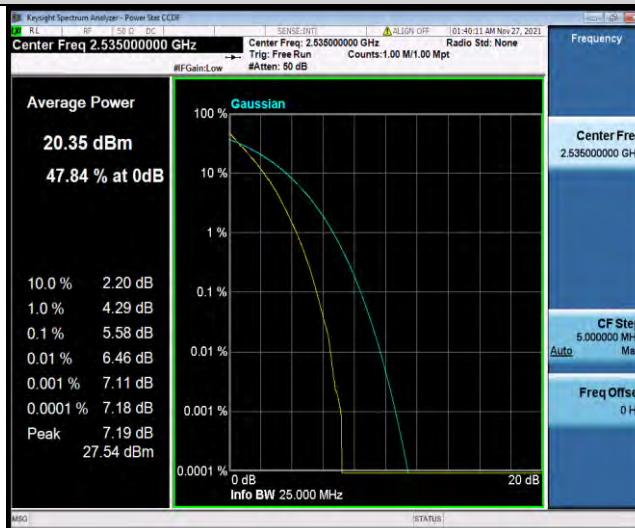


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band7-10MHz-QPSK-21100-50RB#0



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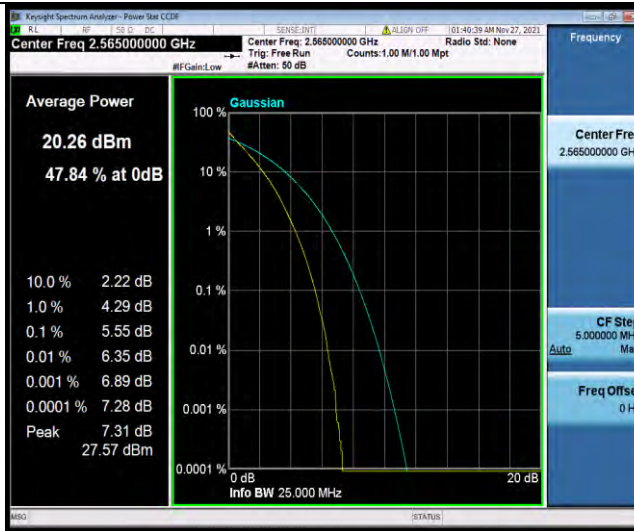


Band7-10MHz-QPSK-21400-50RB#0



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VERITAS

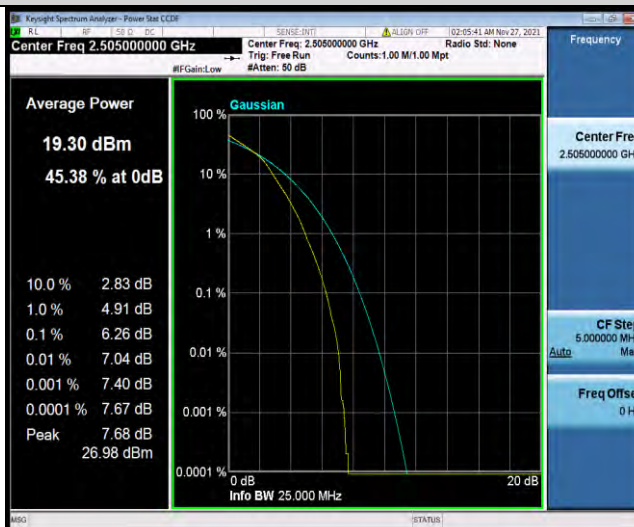
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Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-27RB#0



Band7-10MHz-16QAM-21100-1RB#0



BUREAU VERITAS

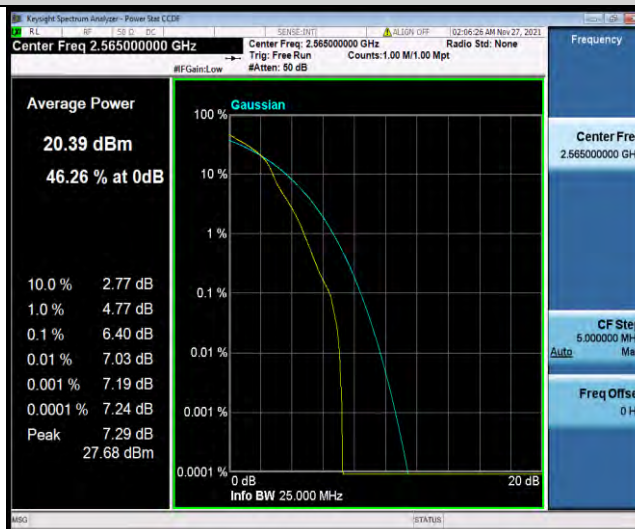
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Band7-10MHz-16QAM-21100-27RB#0



Band7-10MHz-16QAM-21400-1RB#0



Band7-10MHz-16QAM-21400-27RB#0



BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0

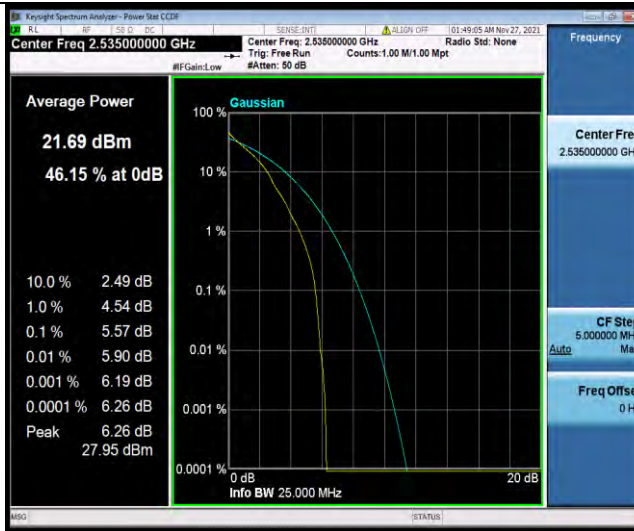


Band7-15MHz-QPSK-21100-1RB#0



BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-1RB#0

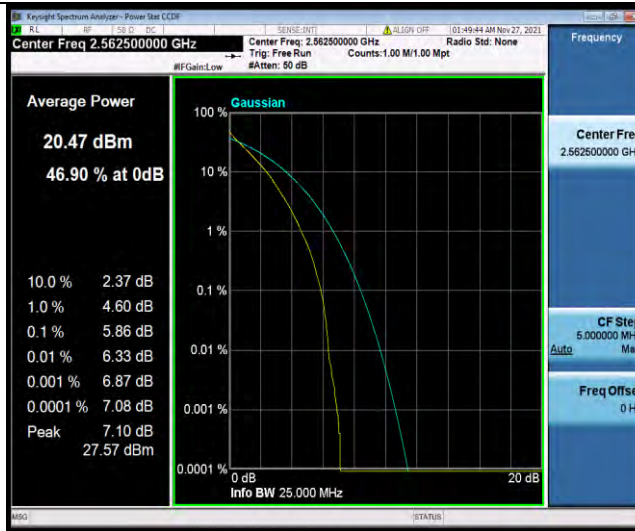


Band7-15MHz-QPSK-21375-75RB#0



BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



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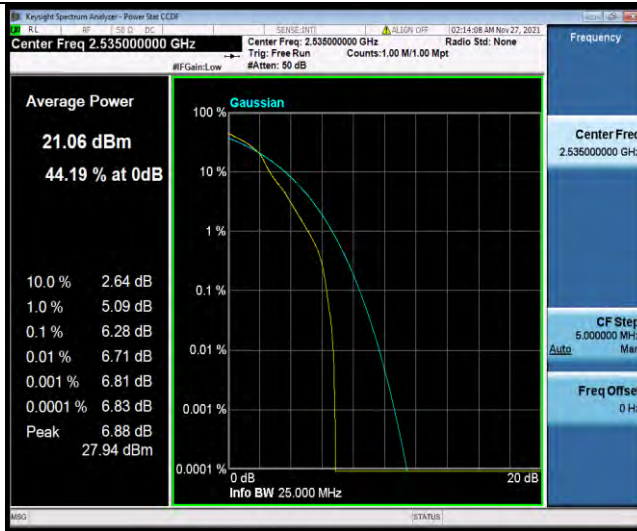


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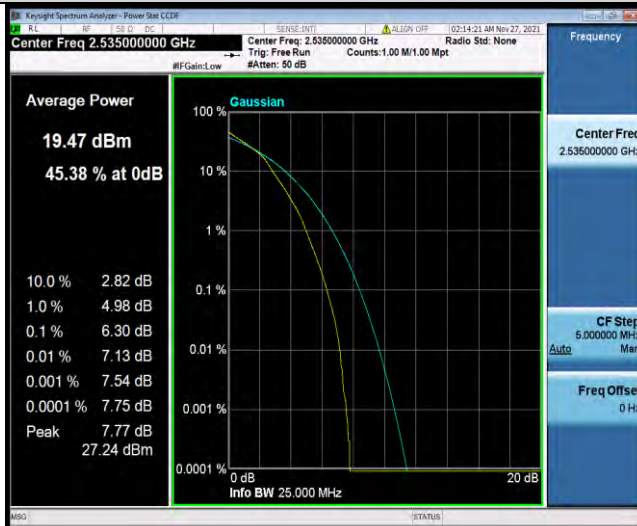


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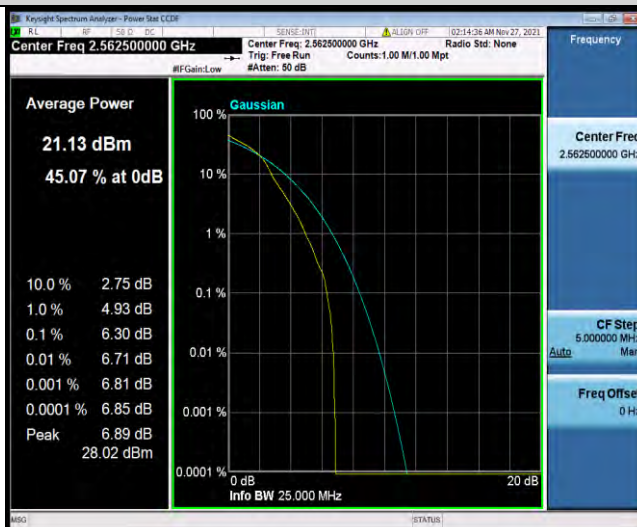
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Band7-15MHz-16QAM-21375-1RB#0

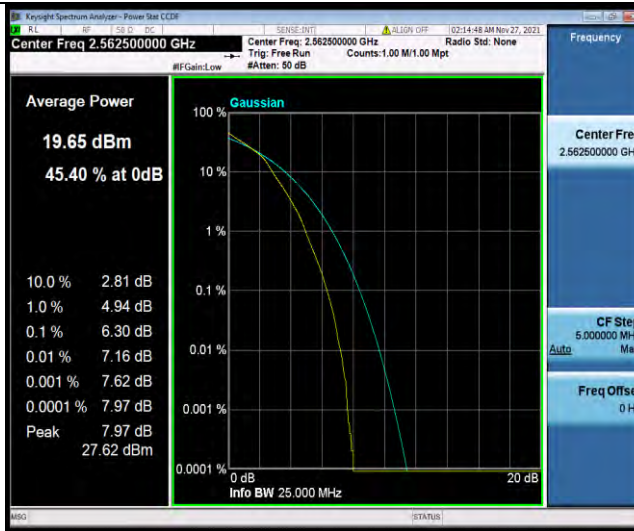


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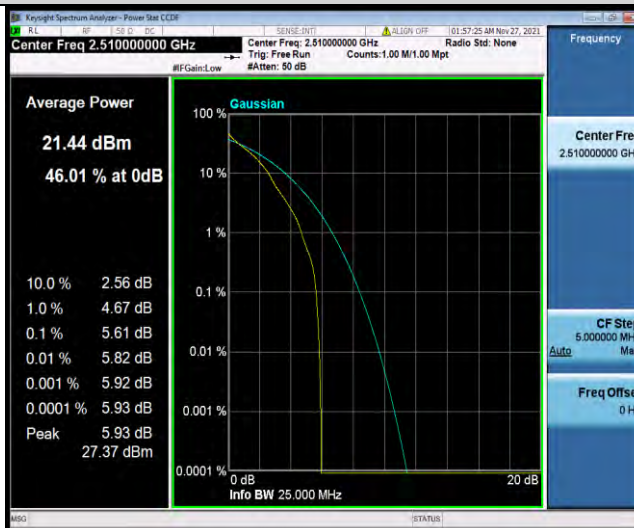


BUREAU
VERITAS

Test Report No.: W7L-P21110027RF03



Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21100-1RB#0

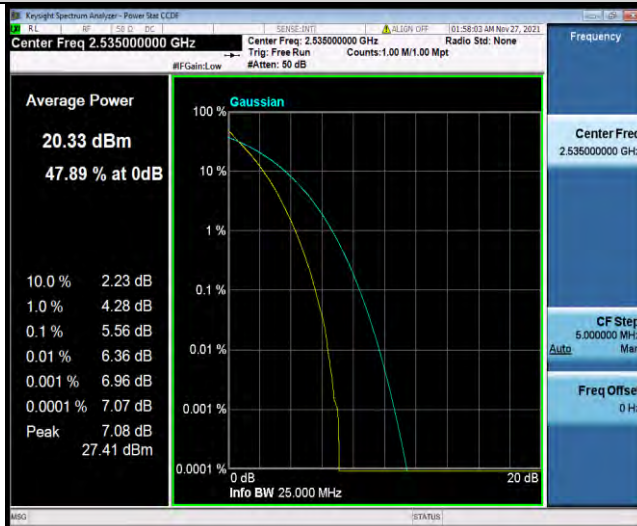


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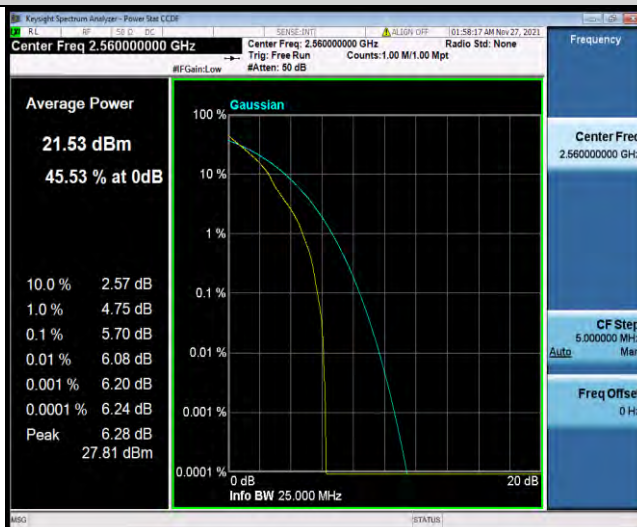
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Band7-20MHz-QPSK-21100-100RB#0



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BUREAU VERITAS

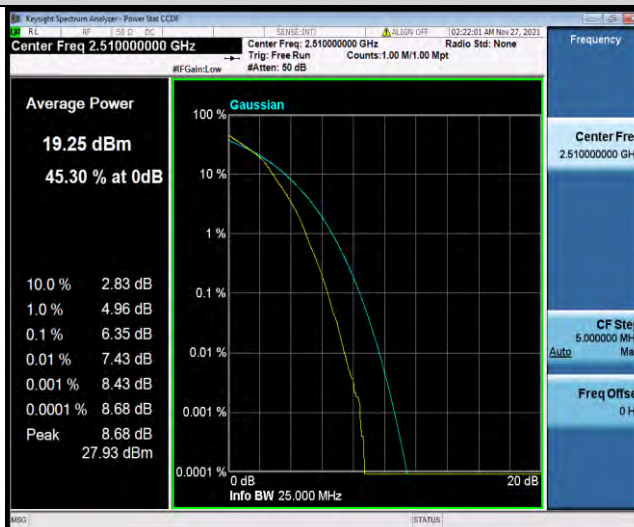
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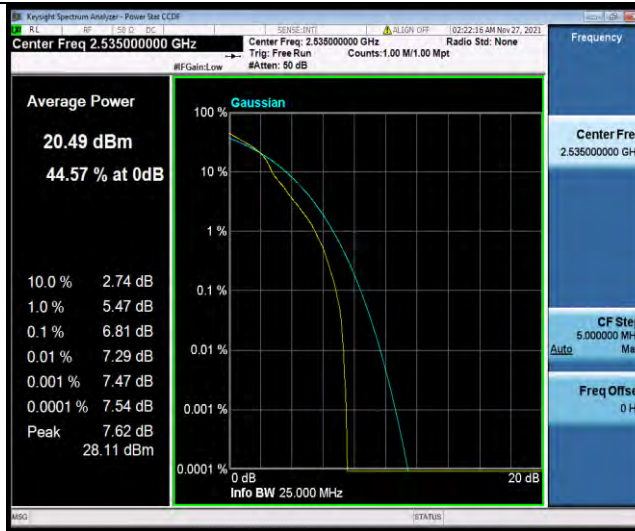


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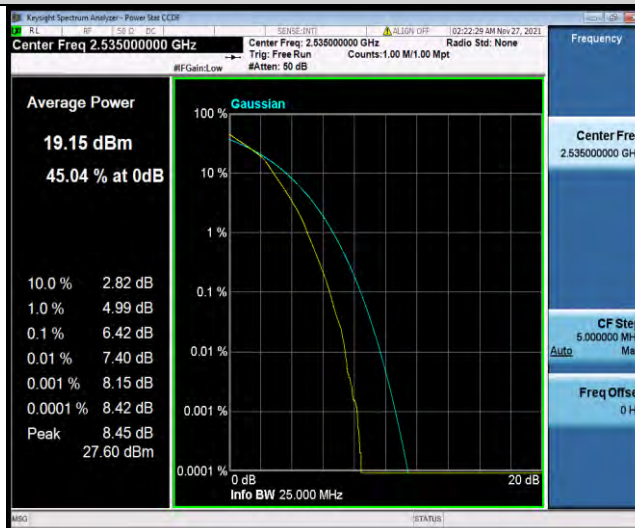


BUREAU VERITAS

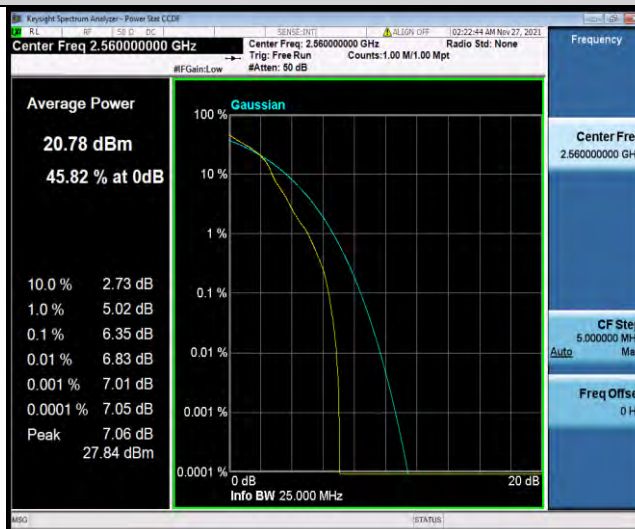
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Band7-20MHz-16QAM-21100-27RB#0



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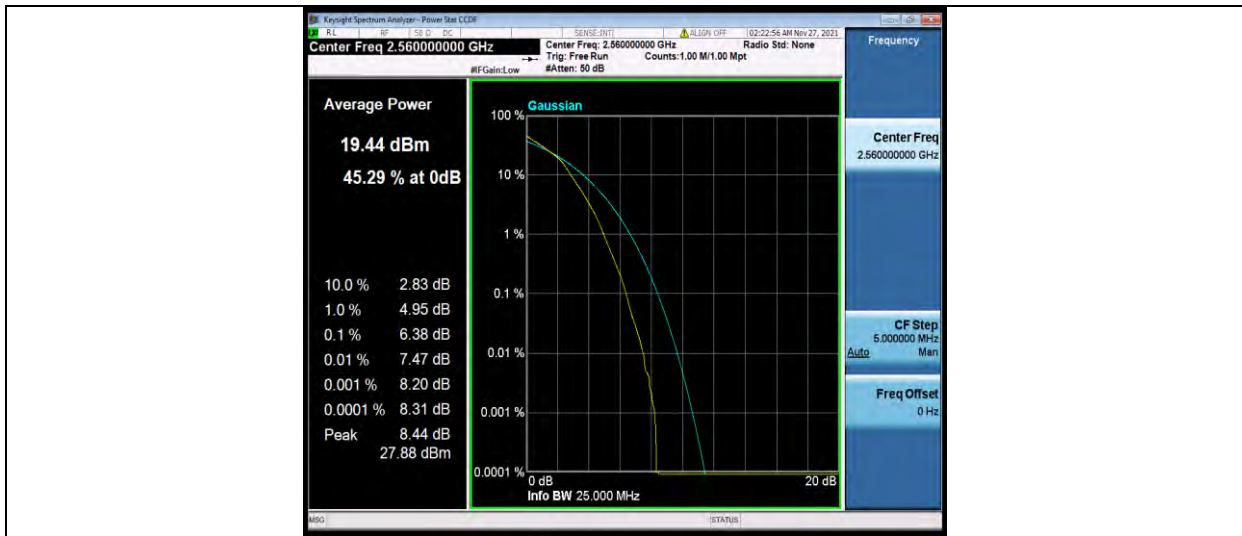


Band7-20MHz-16QAM-21350-27RB#0



BUREAU
VERITAS

Test Report No.: W7L-P21110027RF03





1.2 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

1.2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1022	1.395	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0941	1.414	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1024	1.417	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0998	1.451	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1022	1.444	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0997	1.443	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6929	2.951	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6964	2.939	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7007	3.010	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6911	2.991	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6928	3.015	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6949	2.981	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5037	5.028	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5042	4.999	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4991	5.001	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5103	4.999	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5000	4.933	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5016	5.003	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9772	9.586	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9738	9.601	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9766	9.562	PASS
Band4	10MHz	16QAM	20000	27RB#0	4.9240	5.522	PASS
Band4	10MHz	16QAM	20175	27RB#0	4.9259	5.501	PASS
Band4	10MHz	16QAM	20350	27RB#0	4.9293	5.470	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.438	14.28	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.458	14.32	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.439	14.27	PASS
Band4	15MHz	16QAM	20025	27RB#0	5.0282	5.637	PASS
Band4	15MHz	16QAM	20175	27RB#0	5.0199	5.646	PASS
Band4	15MHz	16QAM	20325	27RB#0	5.0241	5.621	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.856	18.93	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.937	18.95	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.902	18.96	PASS
Band4	20MHz	16QAM	20050	27RB#0	5.1358	5.831	PASS
Band4	20MHz	16QAM	20175	27RB#0	5.1264	5.839	PASS
Band4	20MHz	16QAM	20300	27RB#0	5.1200	5.895	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4956	4.941	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5076	5.003	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5004	5.015	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5051	5.005	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5062	5.013	PASS

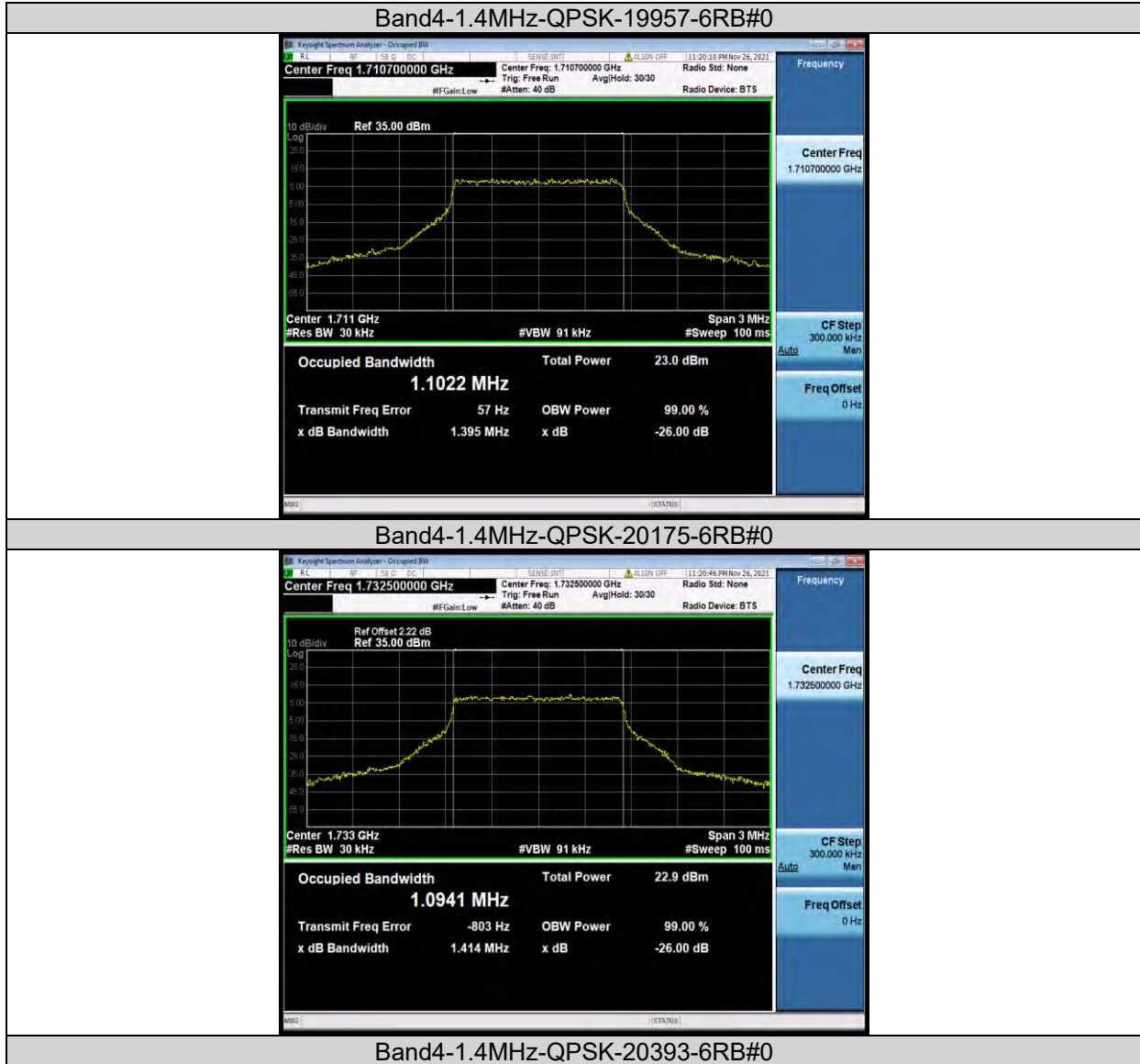


**BUREAU
VERITAS**

Test Report No.: W7L-P21110027RF03

Band7	5MHz	16QAM	21425	25RB#0	4.5044	5.055	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9645	9.602	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9771	9.606	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9649	9.612	PASS
Band7	10MHz	16QAM	20800	27RB#0	4.9207	5.488	PASS
Band7	10MHz	16QAM	21100	27RB#0	4.9395	5.494	PASS
Band7	10MHz	16QAM	21400	27RB#0	4.9503	5.501	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.444	14.29	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.453	14.28	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.448	14.34	PASS
Band7	15MHz	16QAM	20825	27RB#0	5.0253	5.655	PASS
Band7	15MHz	16QAM	21100	27RB#0	5.0304	5.660	PASS
Band7	15MHz	16QAM	21375	27RB#0	5.0405	5.680	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.889	18.93	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.908	18.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.898	18.97	PASS
Band7	20MHz	16QAM	20850	27RB#0	5.1511	5.854	PASS
Band7	20MHz	16QAM	21100	27RB#0	5.1341	5.863	PASS
Band7	20MHz	16QAM	21350	27RB#0	5.1225	5.854	PASS

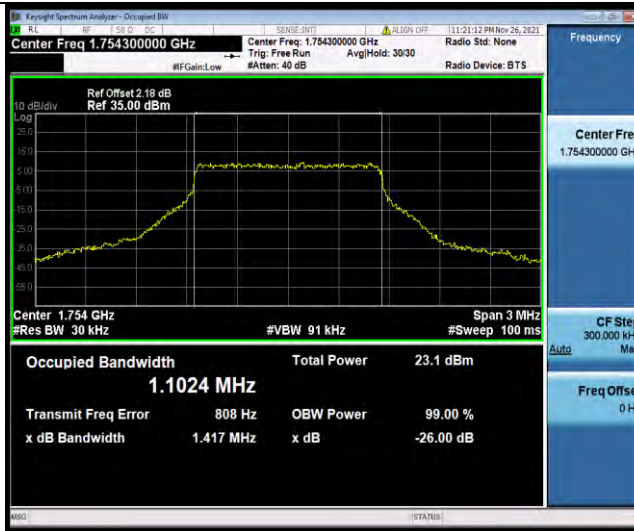
1.2.2 Test Graphs



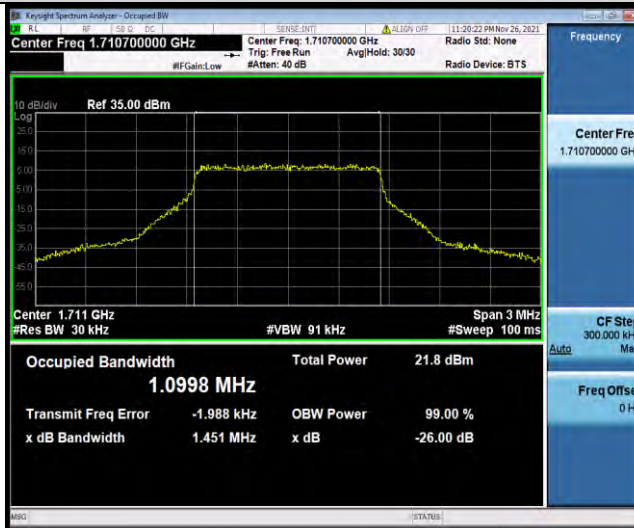


BUREAU VERITAS

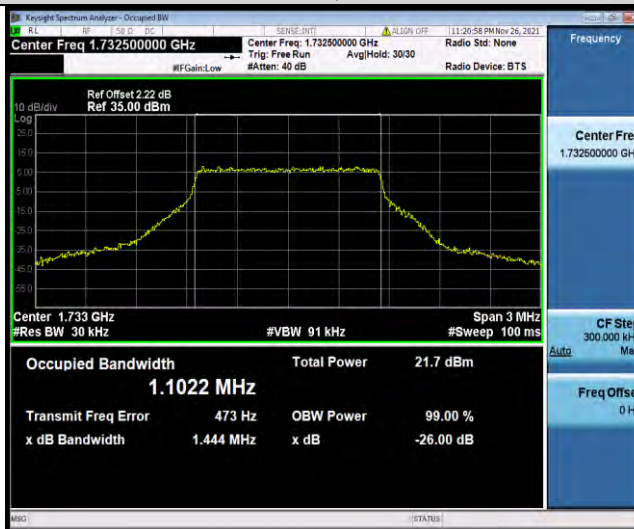
Test Report No.: W7L-P21110027RF03



Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20175-6RB#0

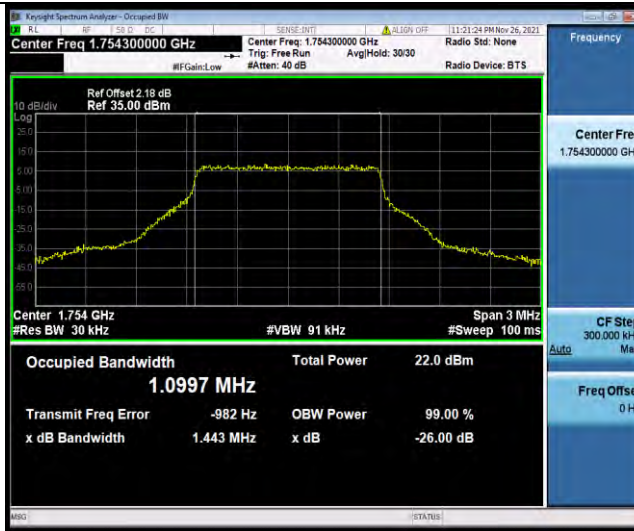


Band4-1.4MHz-16QAM-20393-6RB#0



BUREAU VERITAS

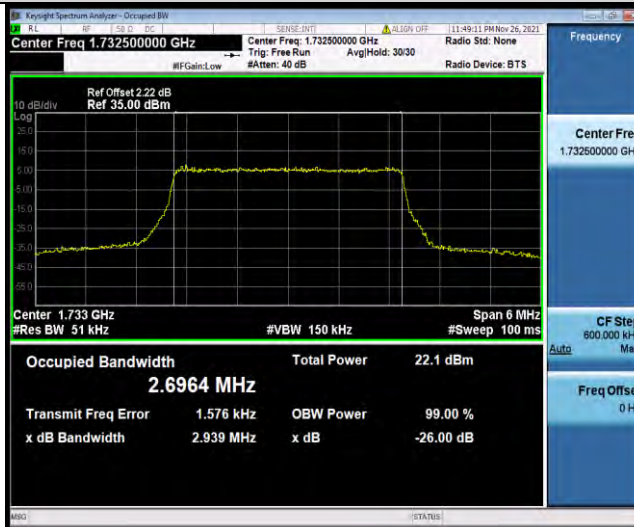
Test Report No.: W7L-P21110027RF03



Band4-3MHz-QPSK-19965-15RB#0



Band4-3MHz-QPSK-20175-15RB#0

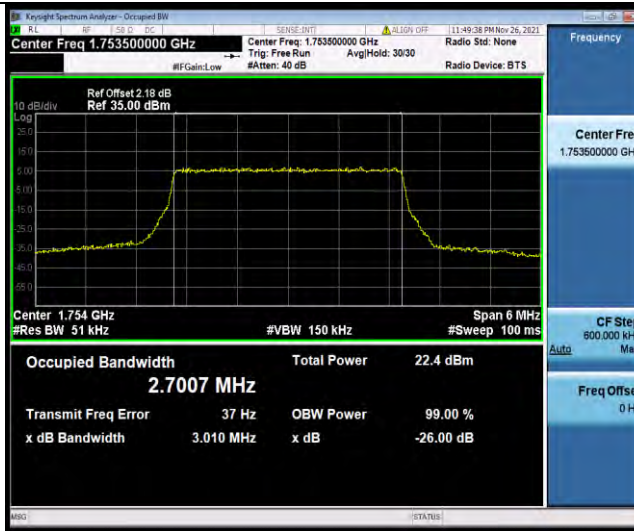


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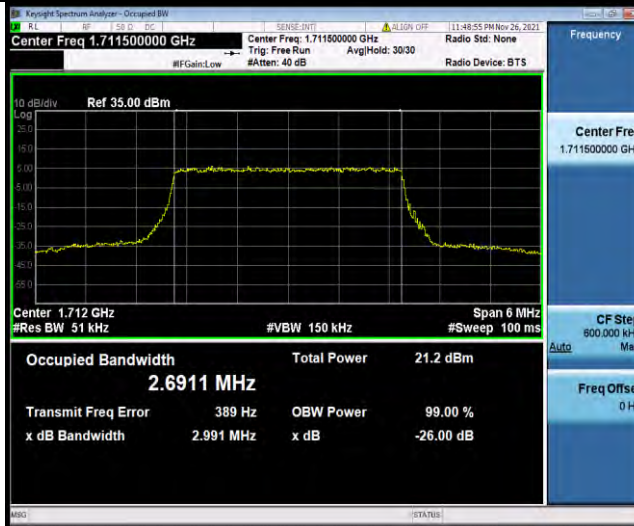


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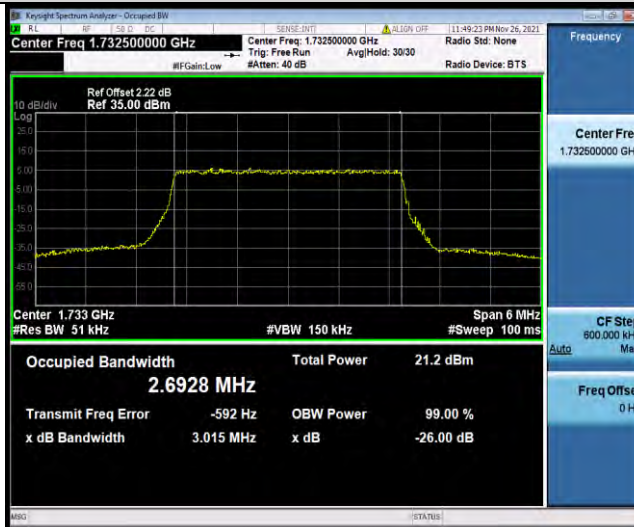
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Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0

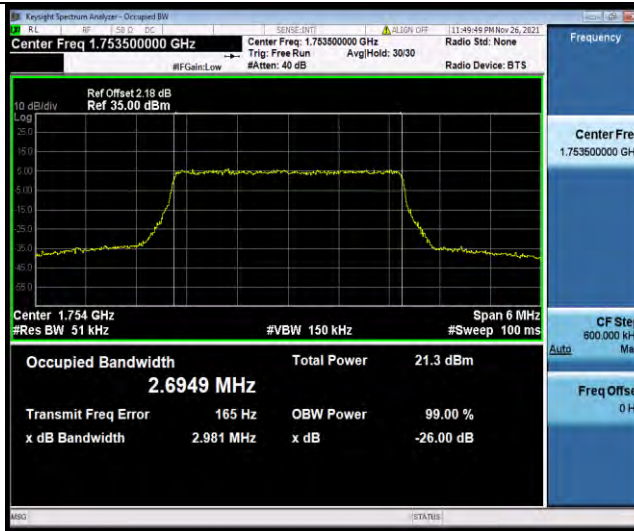


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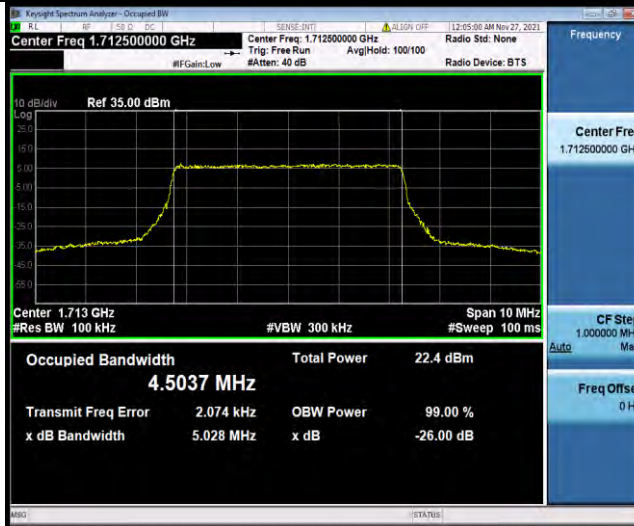


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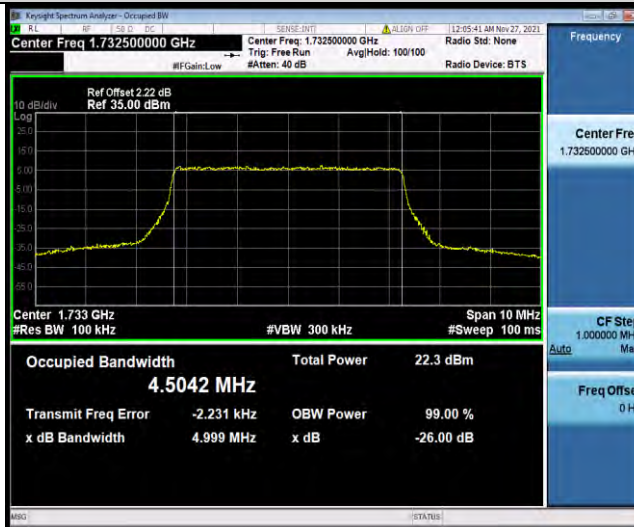
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Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0

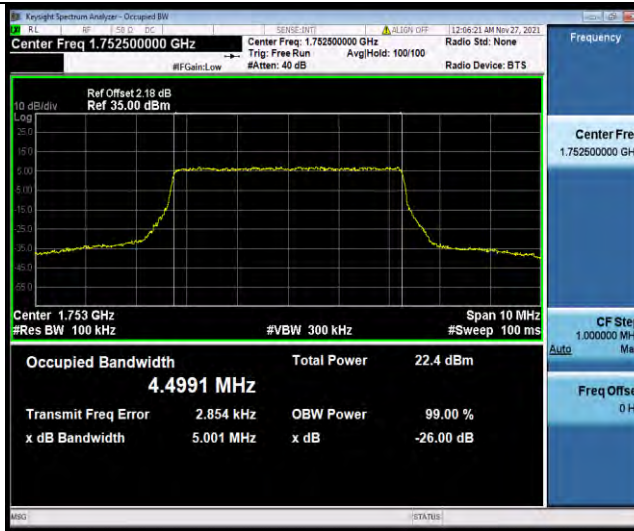


Band4-5MHz-QPSK-20375-25RB#0



BUREAU VERITAS

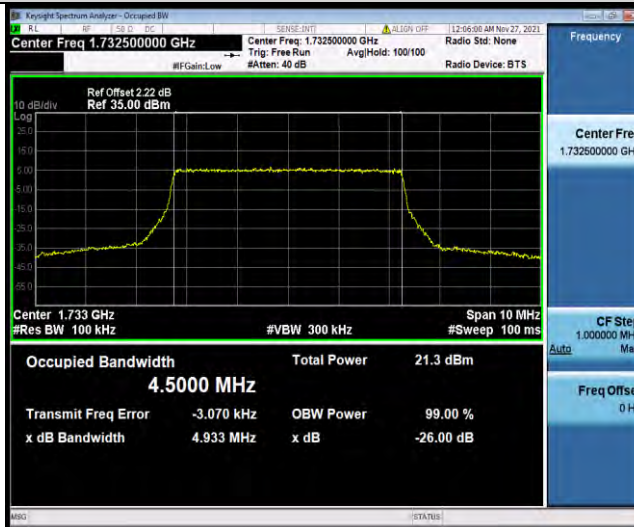
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Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20175-25RB#0

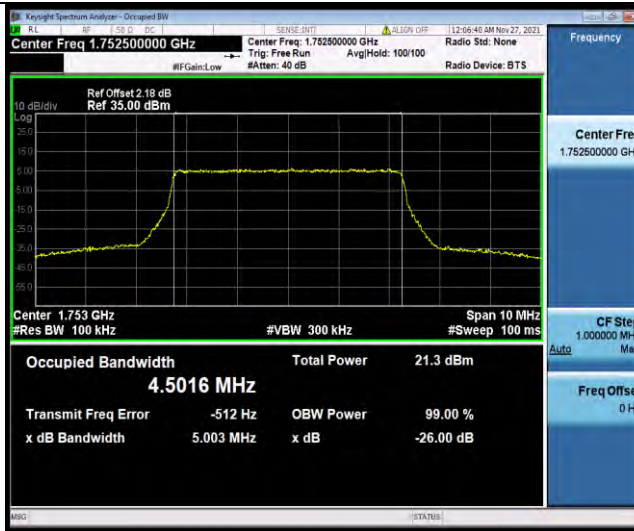


Band4-5MHz-16QAM-20375-25RB#0

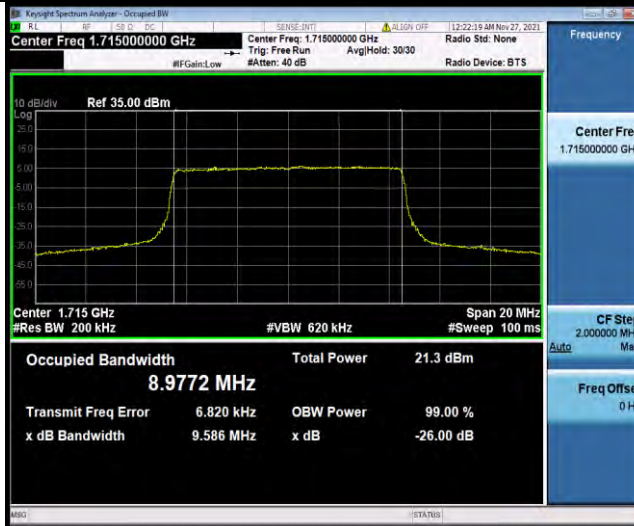


BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band4-10MHz-QPSK-20000-50RB#0



Band4-10MHz-QPSK-20175-50RB#0



Band4-10MHz-QPSK-20350-50RB#0



BUREAU VERITAS

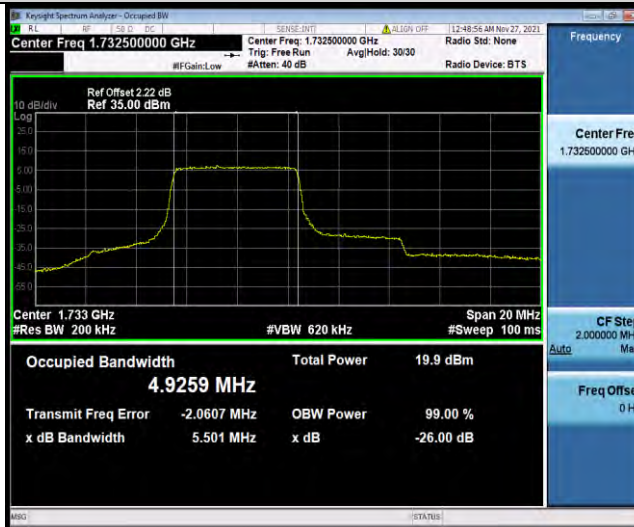
Test Report No.: W7L-P21110027RF03



Band4-10MHz-16QAM-20000-27RB#0



Band4-10MHz-16QAM-20175-27RB#0

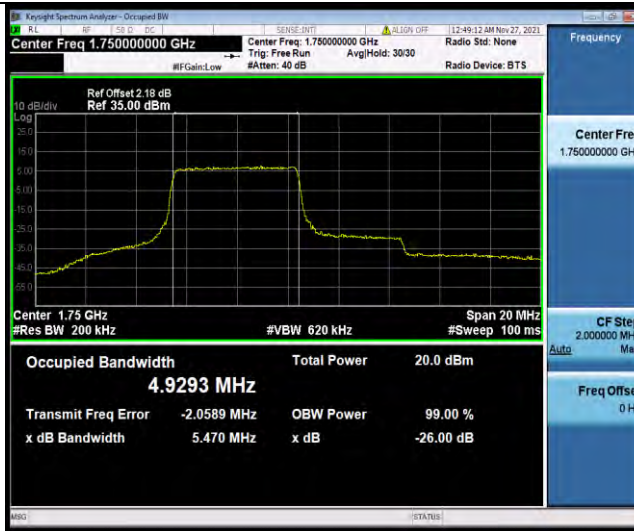


Band4-10MHz-16QAM-20350-27RB#0

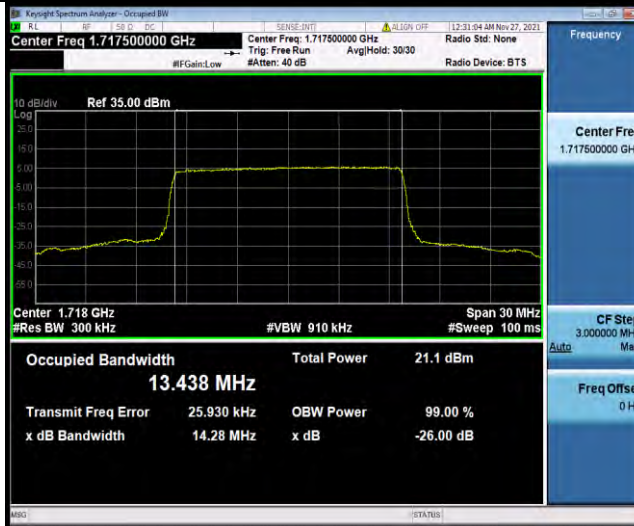


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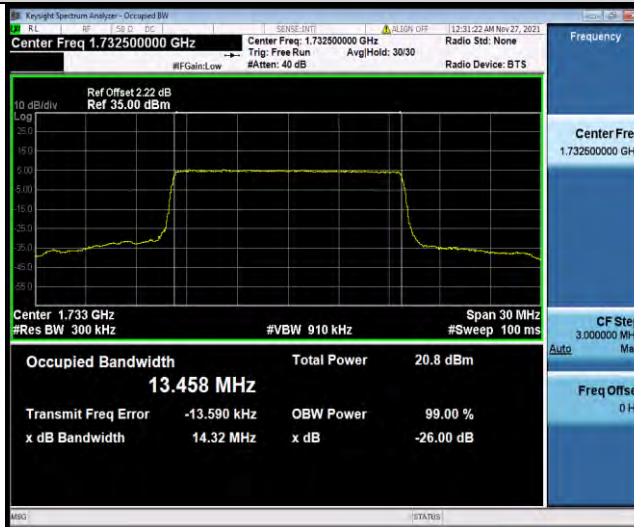
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Band4-15MHz-QPSK-20025-75RB#0



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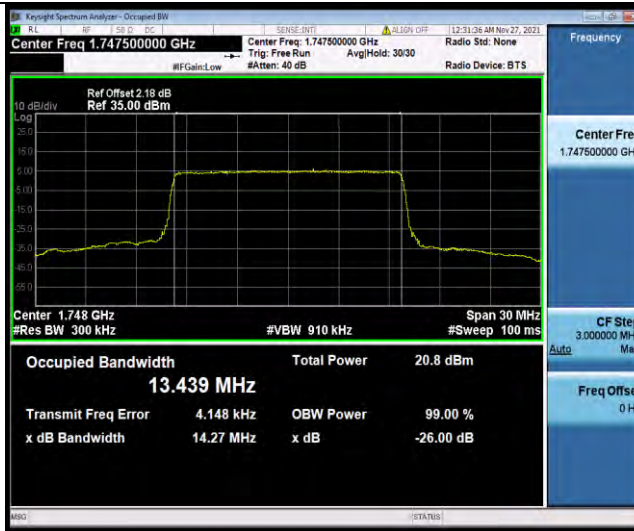


Band4-15MHz-QPSK-20325-75RB#0



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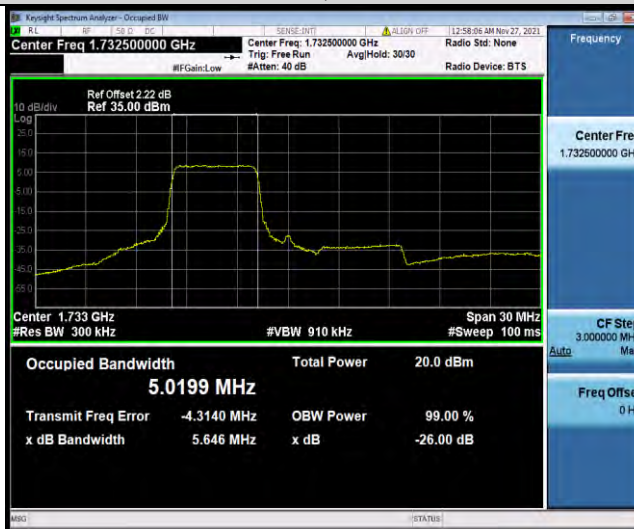
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Band4-15MHz-16QAM-20175-27RB#0

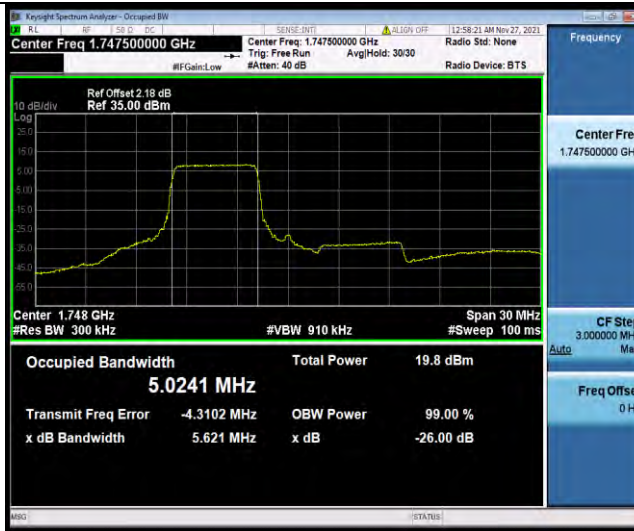


Band4-15MHz-16QAM-20325-27RB#0



BUREAU VERITAS

Test Report No.: W7L-P21110027RF03



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0



Band4-20MHz-QPSK-20300-100RB#0

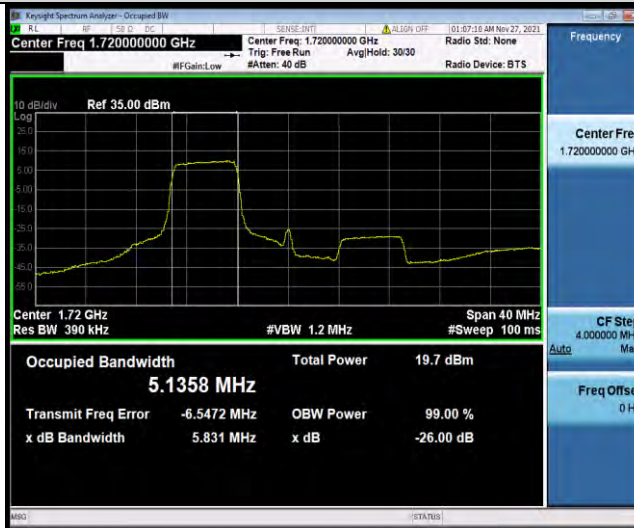


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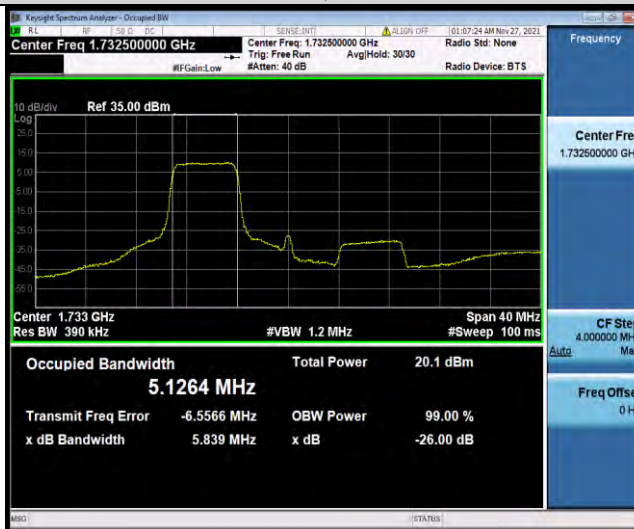
Test Report No.: W7L-P21110027RF03



Band4-20MHz-16QAM-20050-27RB#0



Band4-20MHz-16QAM-20175-27RB#0



Band4-20MHz-16QAM-20300-27RB#0