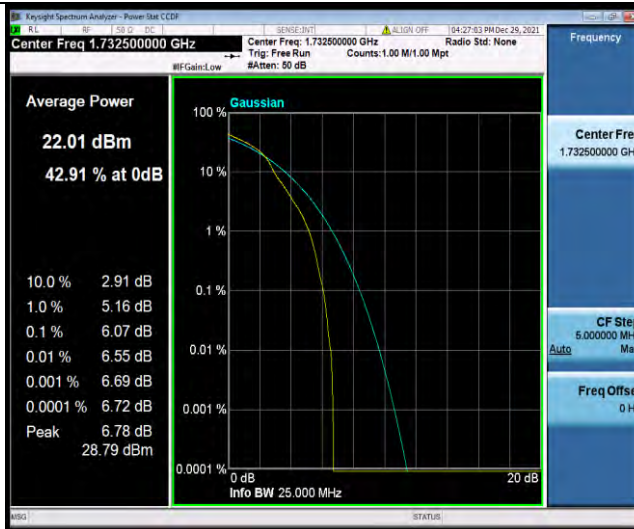


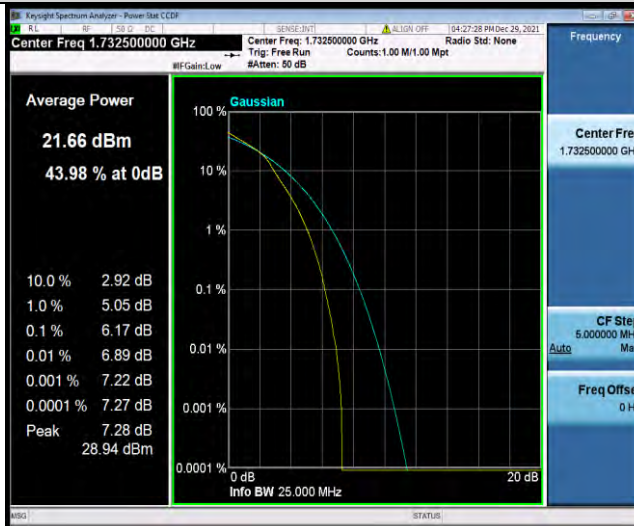


BUREAU VERITAS

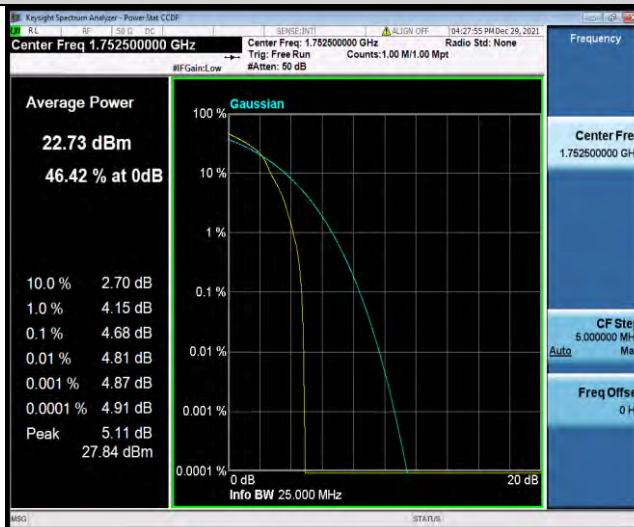
Test Report No.: W7L-P21120037RF05



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



Band4-5MHz-16QAM-20375-1RB#0

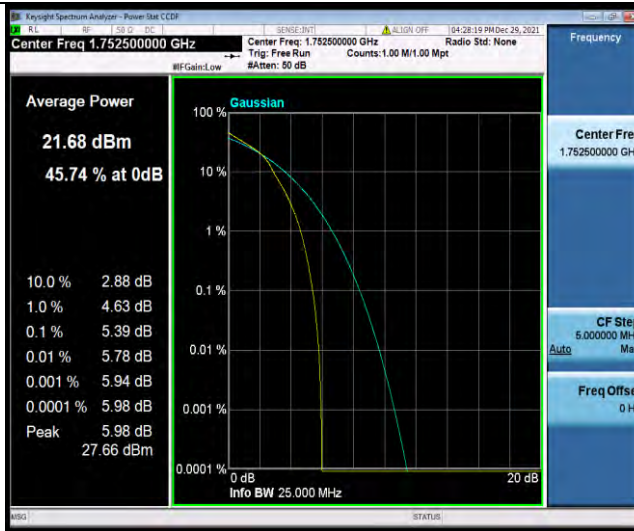


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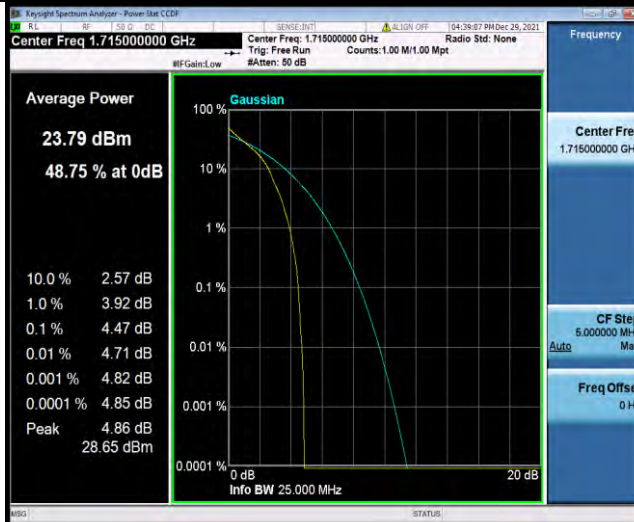


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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

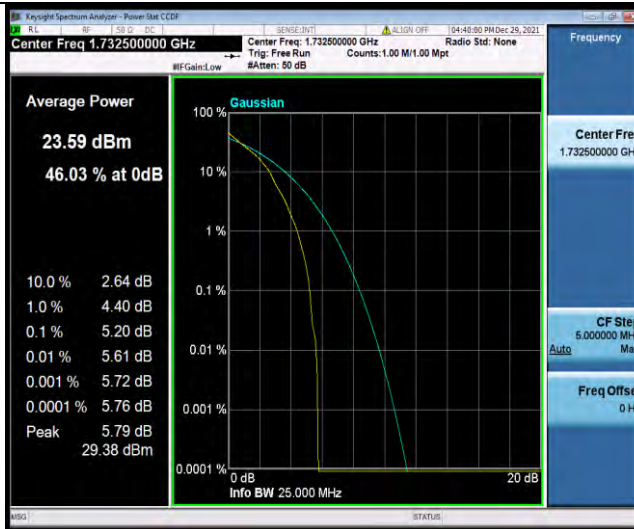


Band4-10MHz-QPSK-20175-1RB#0



BUREAU VERITAS

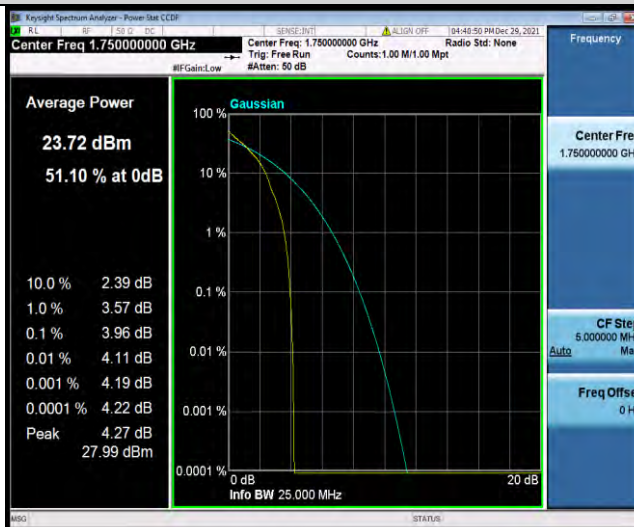
Test Report No.: W7L-P21120037RF05



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



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



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

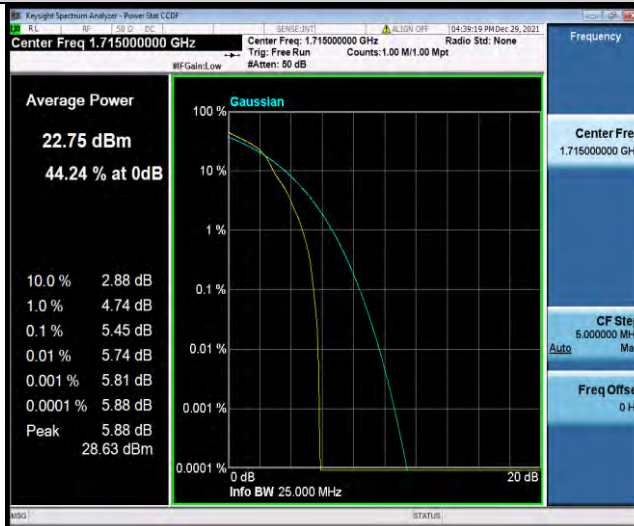


BUREAU VERITAS

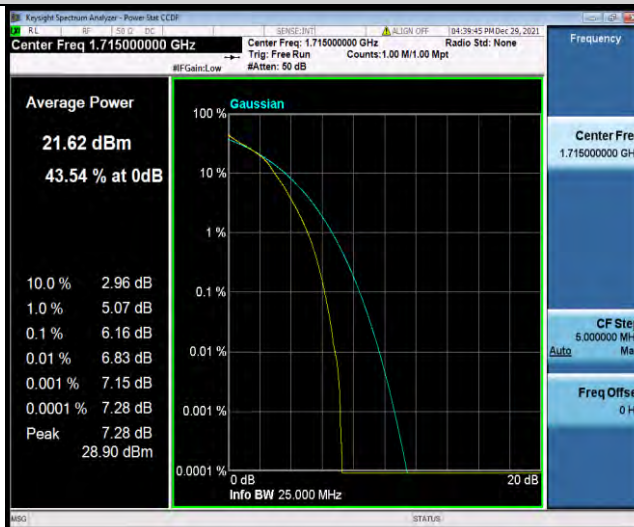
Test Report No.: W7L-P21120037RF05



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



Band4-10MHz-16QAM-20000-50RB#0

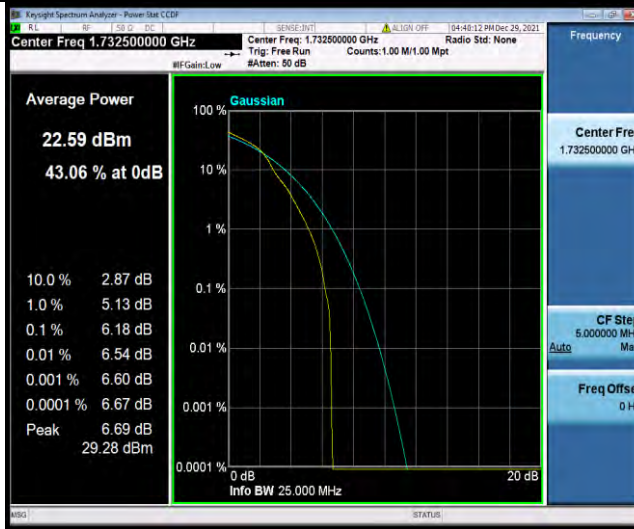


Band4-10MHz-16QAM-20175-1RB#0

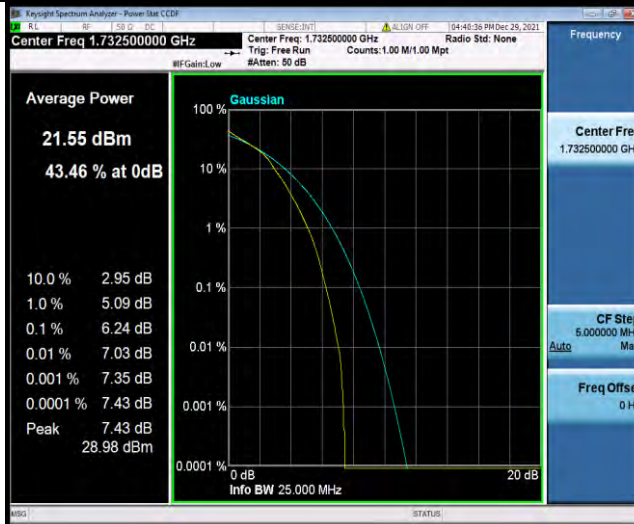


BUREAU VERITAS

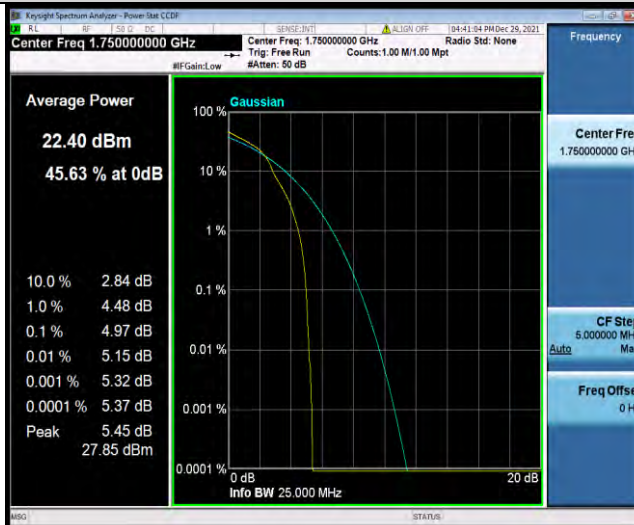
Test Report No.: W7L-P21120037RF05



Band4-10MHz-16QAM-20175-50RB#0



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

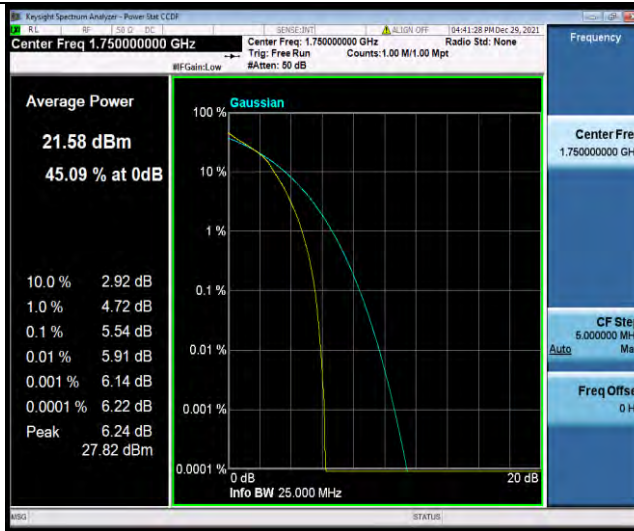


Band4-10MHz-16QAM-20350-50RB#0

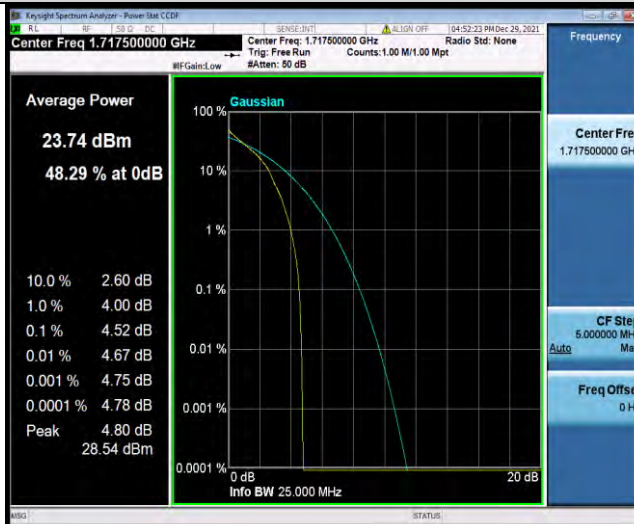


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



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



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

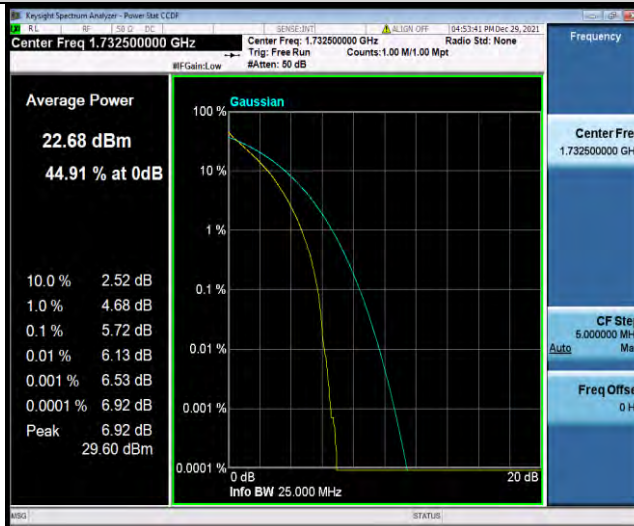


BUREAU VERITAS

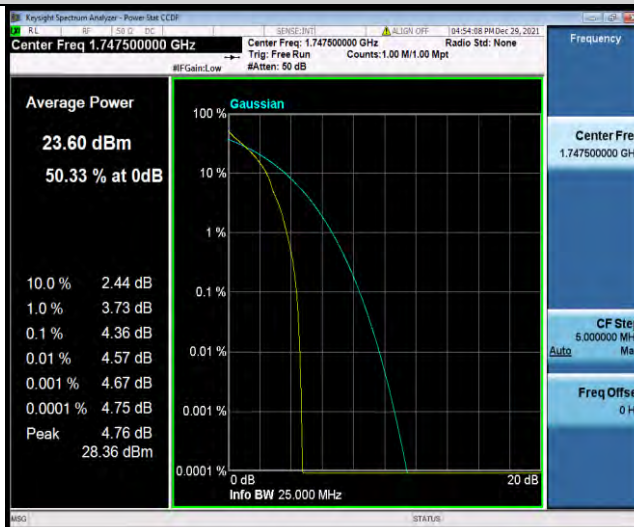
Test Report No.: W7L-P21120037RF05



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



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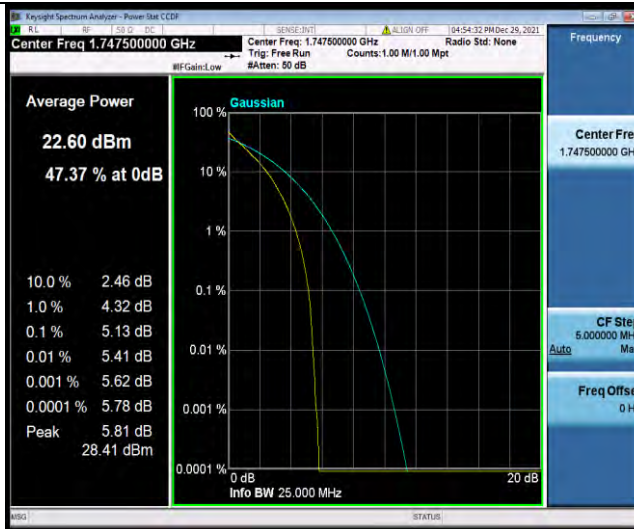


Band4-15MHz-QPSK-20325-75RB#0

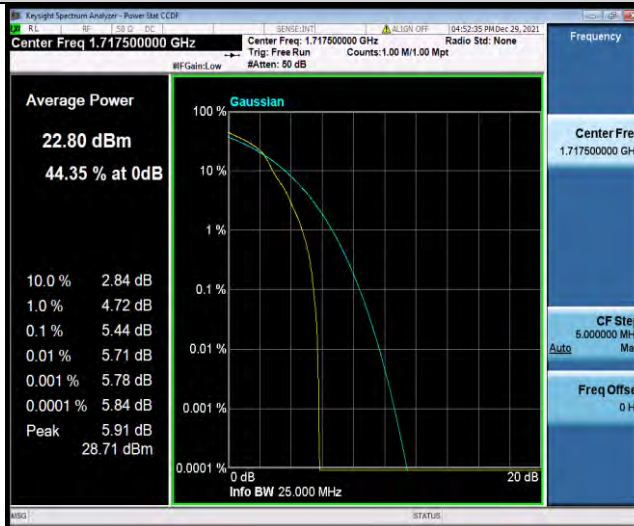


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VERITAS

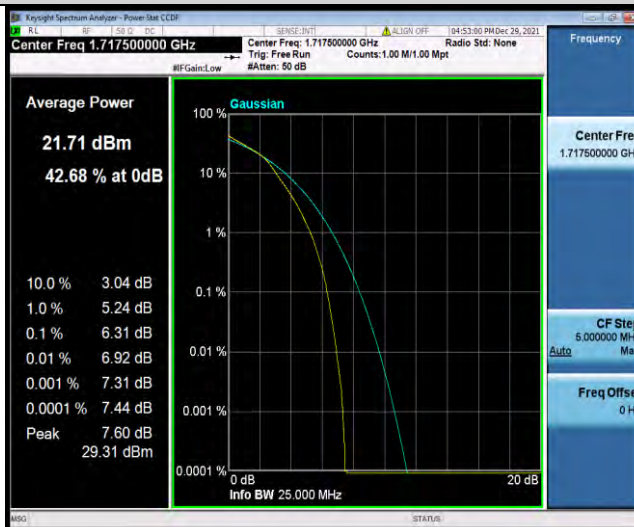
Test Report No.: W7L-P21120037RF05



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



Band4-15MHz-16QAM-20025-75RB#0

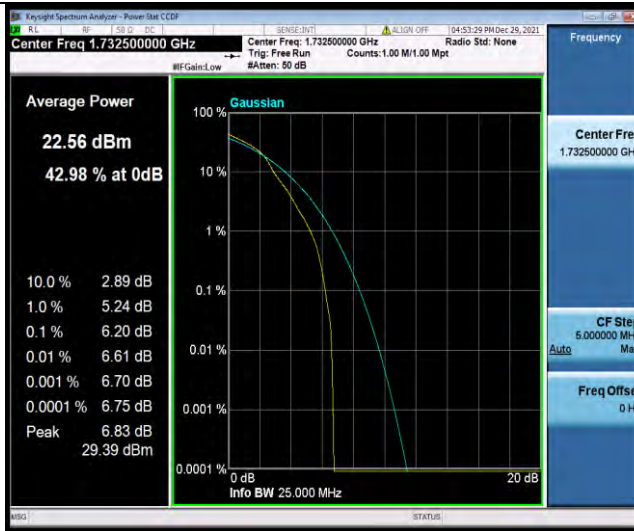


Band4-15MHz-16QAM-20175-1RB#0



BUREAU VERITAS

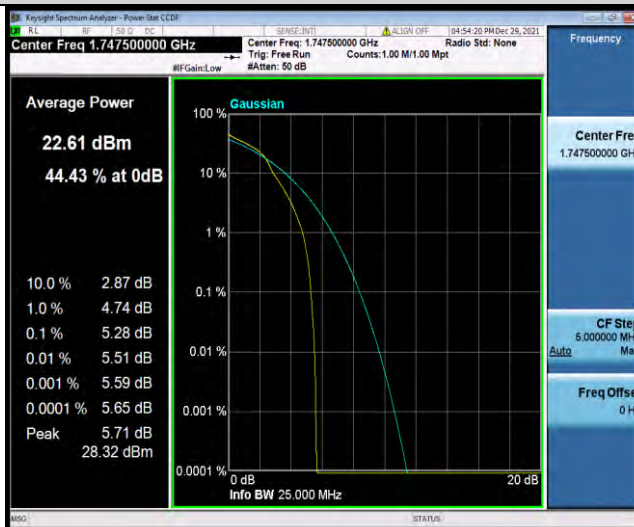
Test Report No.: W7L-P21120037RF05



Band4-15MHz-16QAM-20175-75RB#0



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



Band4-15MHz-16QAM-20325-75RB#0



BUREAU VERITAS

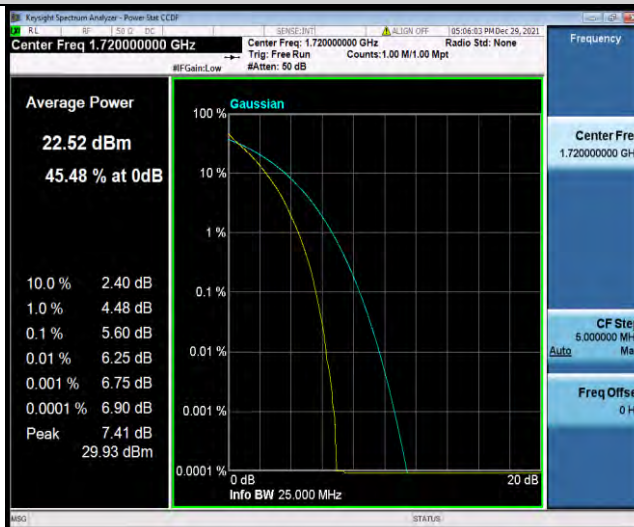
Test Report No.: W7L-P21120037RF05



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



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



Band4-20MHz-QPSK-20175-1RB#0



BUREAU VERITAS

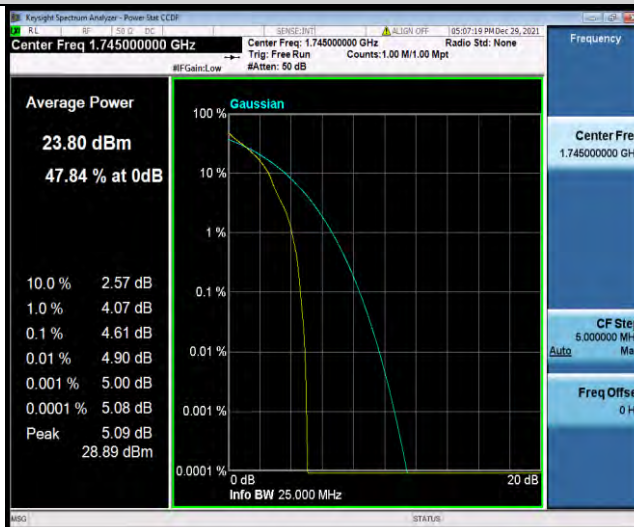
Test Report No.: W7L-P21120037RF05



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



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



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

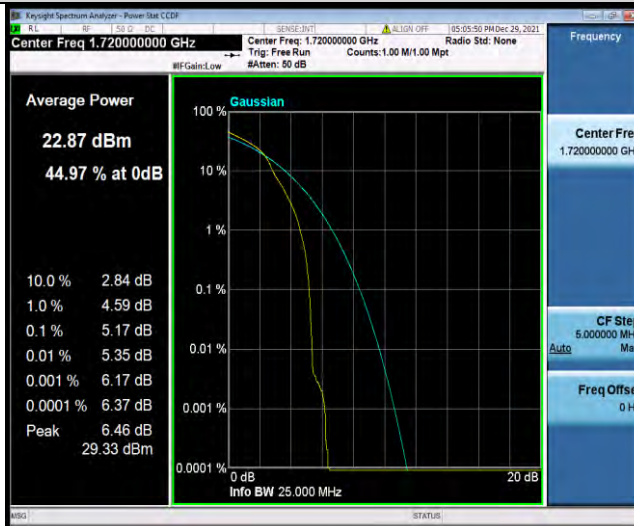


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



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



Band4-20MHz-16QAM-20050-100RB#0



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

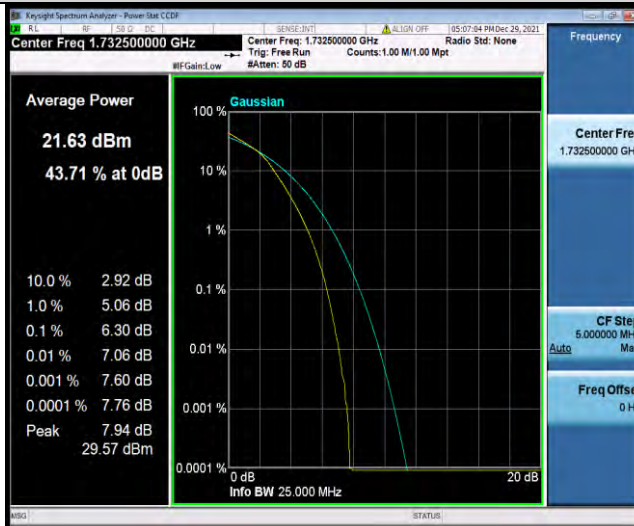


BUREAU VERITAS

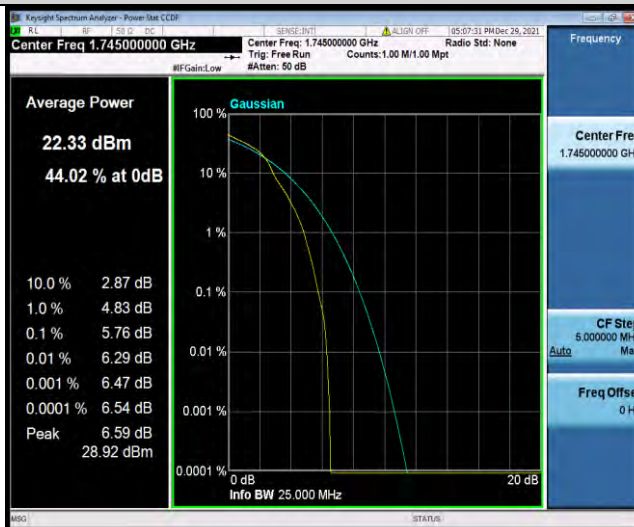
Test Report No.: W7L-P21120037RF05



Band4-20MHz-16QAM-20175-100RB#0



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

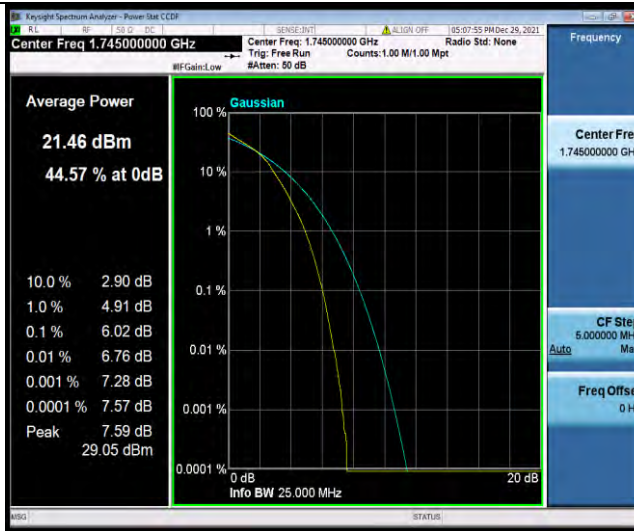


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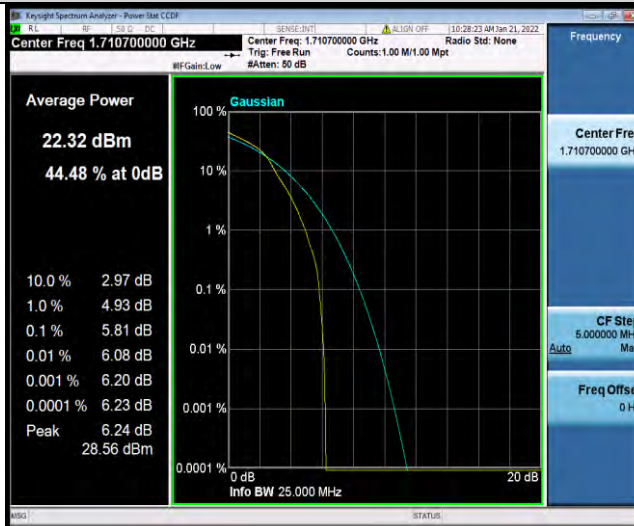


BUREAU VERITAS

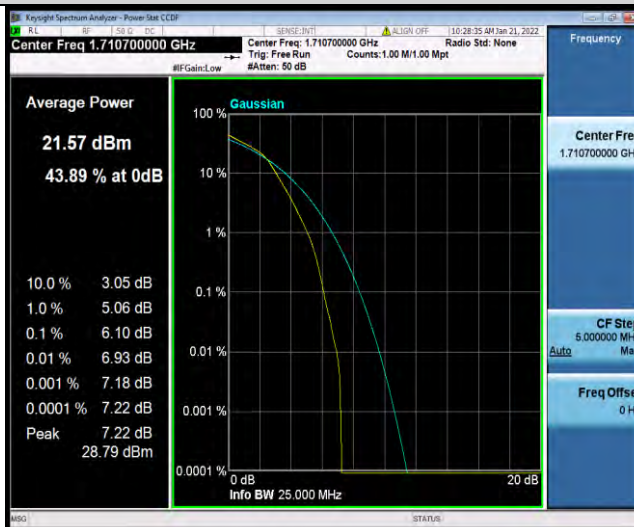
Test Report No.: W7L-P21120037RF05



Band4-1.4MHz-64QAM-19957-1RB#0



Band4-1.4MHz-64QAM-19957-6RB#0



Band4-1.4MHz-64QAM-20175-1RB#0

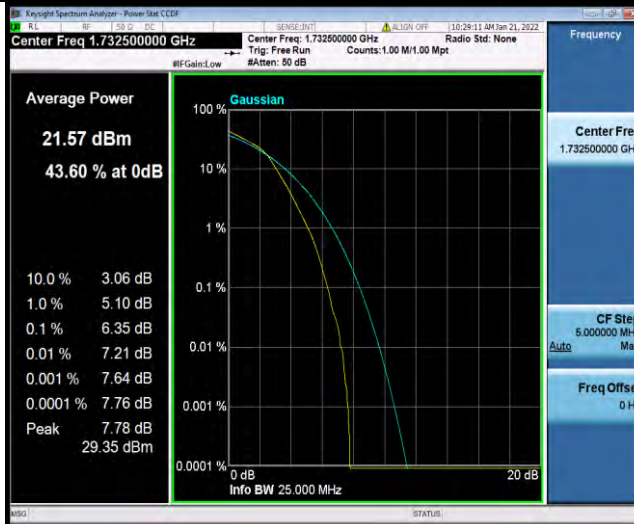


BUREAU VERITAS

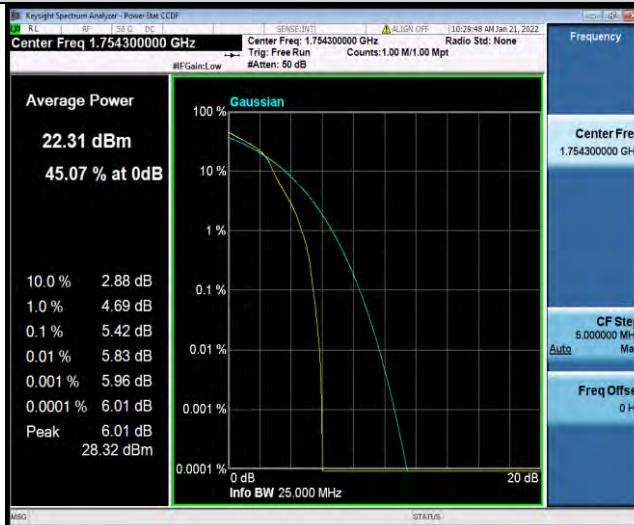
Test Report No.: W7L-P21120037RF05



Band4-1.4MHz-64QAM-20175-6RB#0



Band4-1.4MHz-64QAM-20393-1RB#0

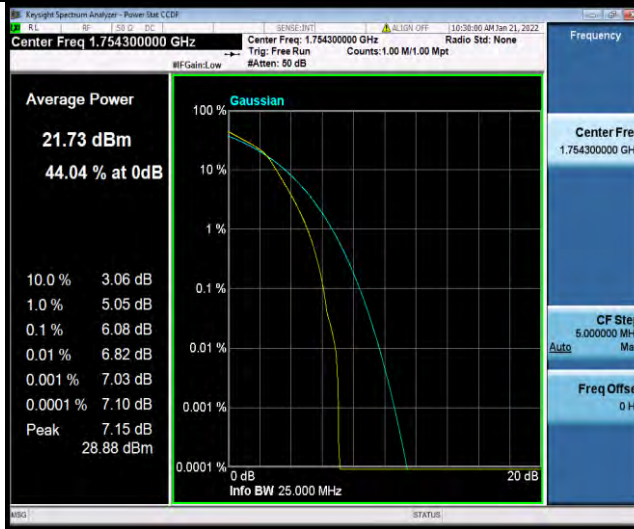


Band4-1.4MHz-64QAM-20393-6RB#0

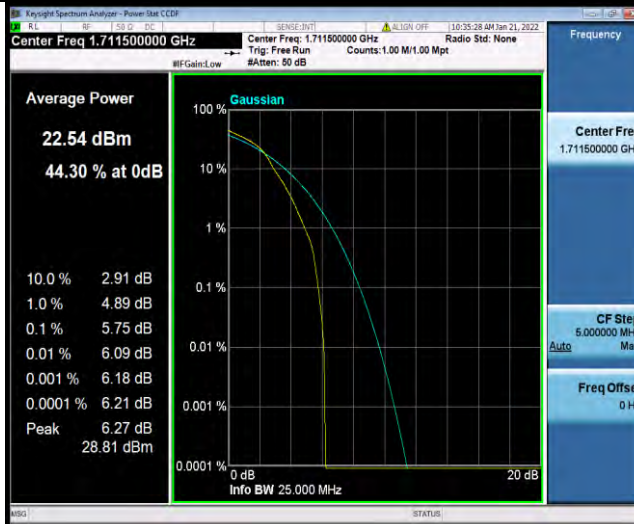


BUREAU VERITAS

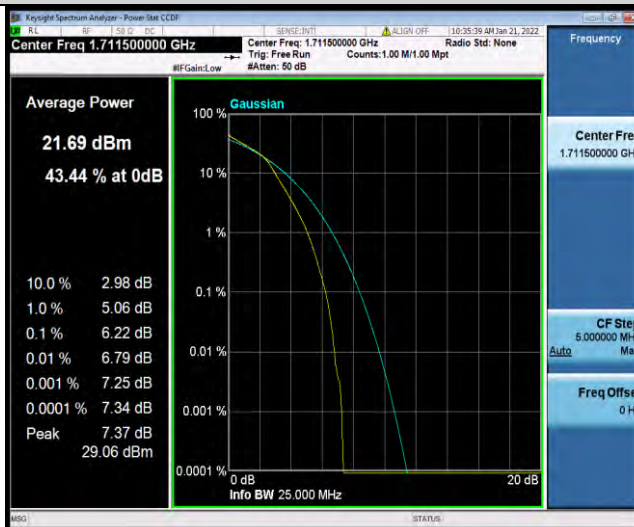
Test Report No.: W7L-P21120037RF05



Band4-3MHz-64QAM-19965-1RB#0



Band4-3MHz-64QAM-19965-15RB#0



Band4-3MHz-64QAM-20175-1RB#0

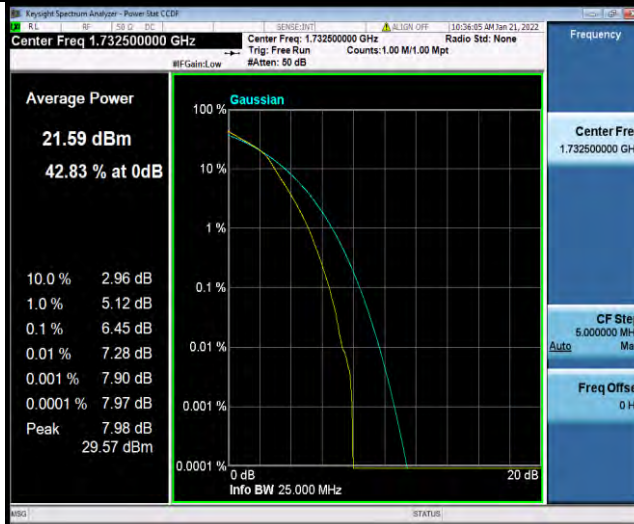


BUREAU VERITAS

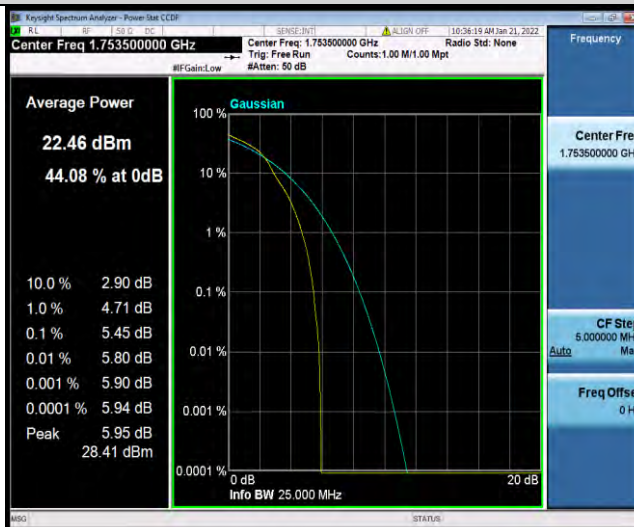
Test Report No.: W7L-P21120037RF05



Band4-3MHz-64QAM-20175-15RB#0



Band4-3MHz-64QAM-20385-1RB#0

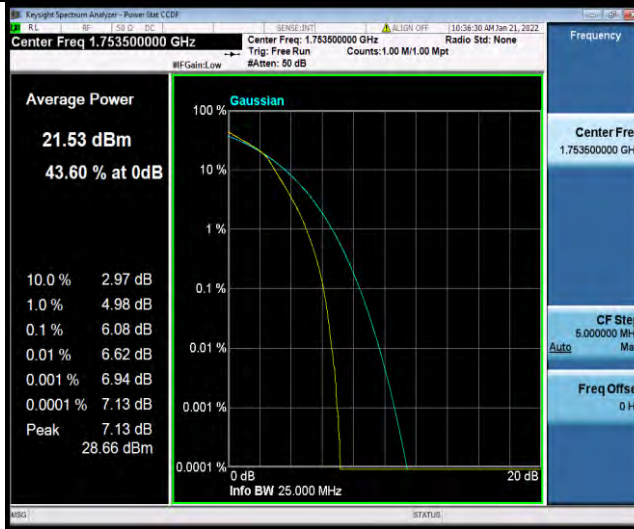


Band4-3MHz-64QAM-20385-15RB#0

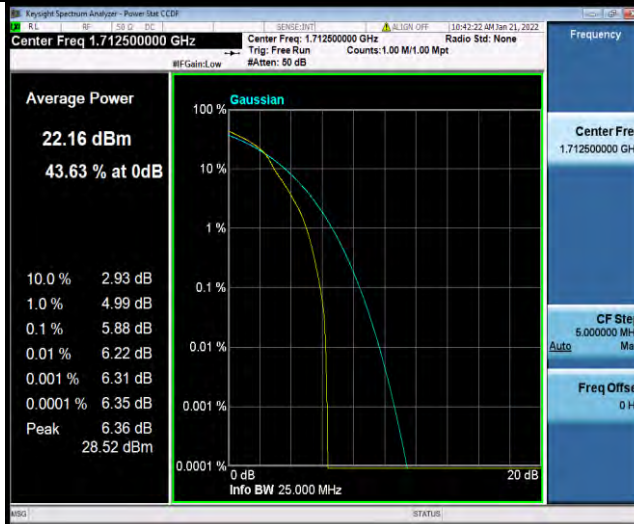


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



Band4-5MHz-64QAM-19975-1RB#0



Band4-5MHz-64QAM-19975-25RB#0

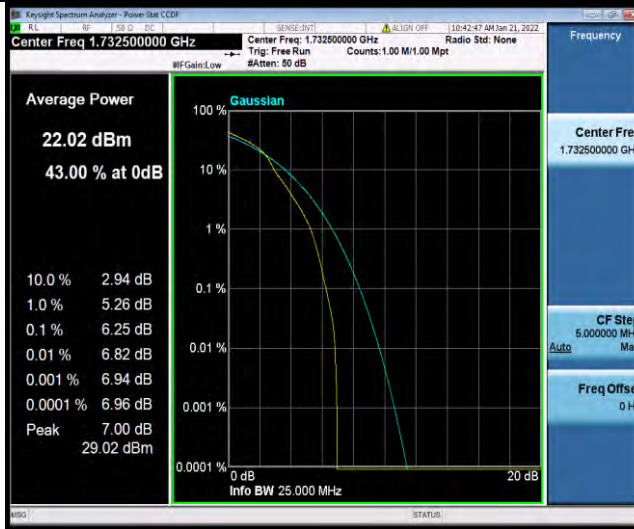


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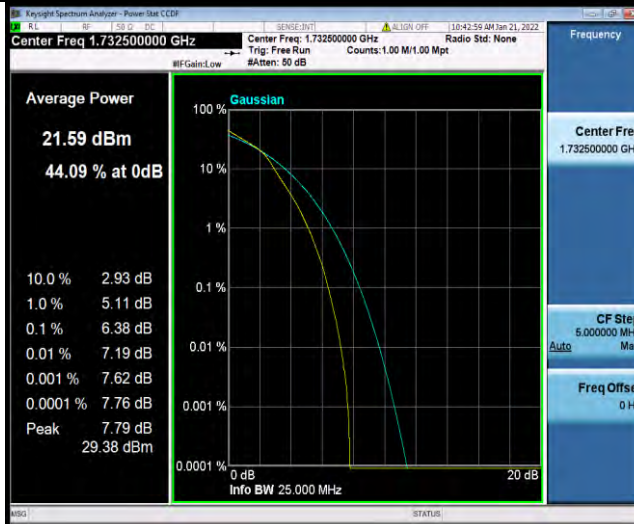


BUREAU VERITAS

Test Report No.: W7L-P21120037RF05



Band4-5MHz-64QAM-20175-25RB#0



Band4-5MHz-64QAM-20375-1RB#0



Band4-5MHz-64QAM-20375-25RB#0

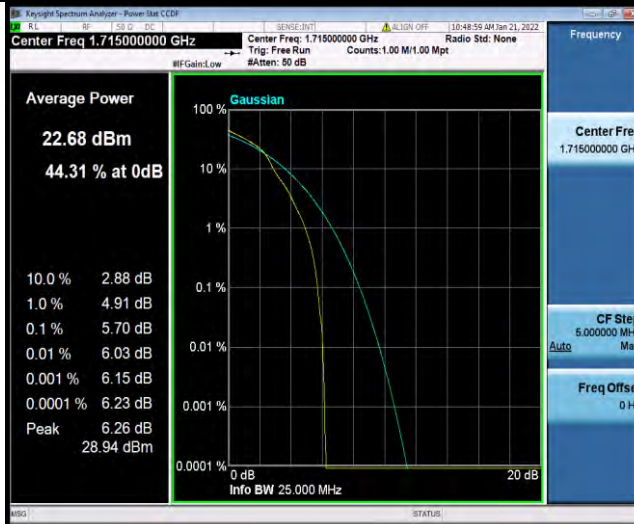


BUREAU VERITAS

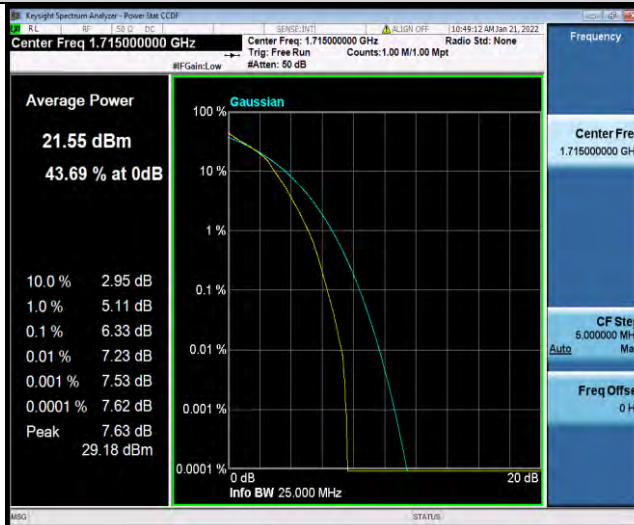
Test Report No.: W7L-P21120037RF05



Band4-10MHz-64QAM-20000-1RB#0



Band4-10MHz-64QAM-20000-50RB#0



Band4-10MHz-64QAM-20175-1RB#0

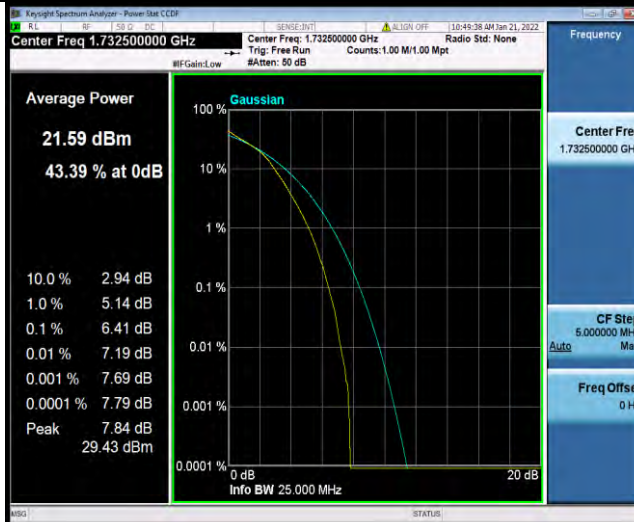


BUREAU VERITAS

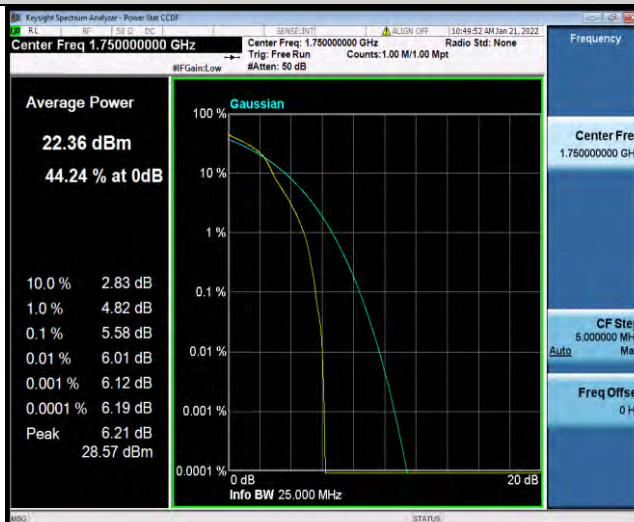
Test Report No.: W7L-P21120037RF05



Band4-10MHz-64QAM-20175-50RB#0



Band4-10MHz-64QAM-20350-1RB#0

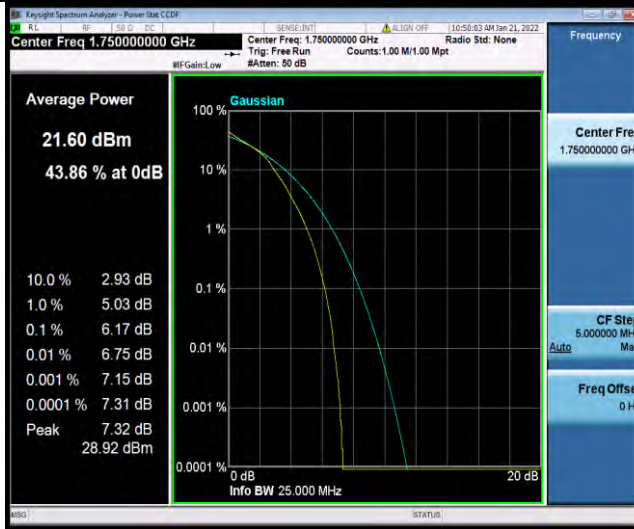


Band4-10MHz-64QAM-20350-50RB#0

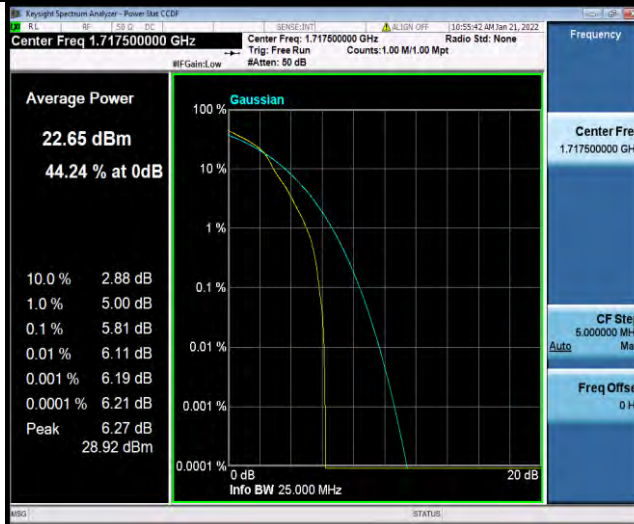


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VERITAS

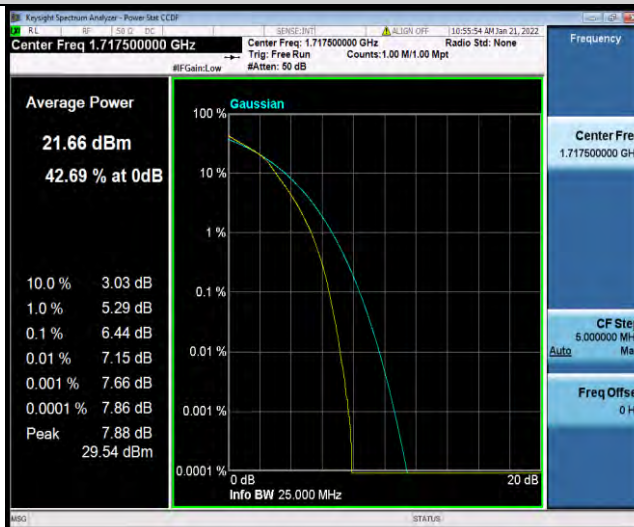
Test Report No.: W7L-P21120037RF05



Band4-15MHz-64QAM-20025-1RB#0



Band4-15MHz-64QAM-20025-75RB#0

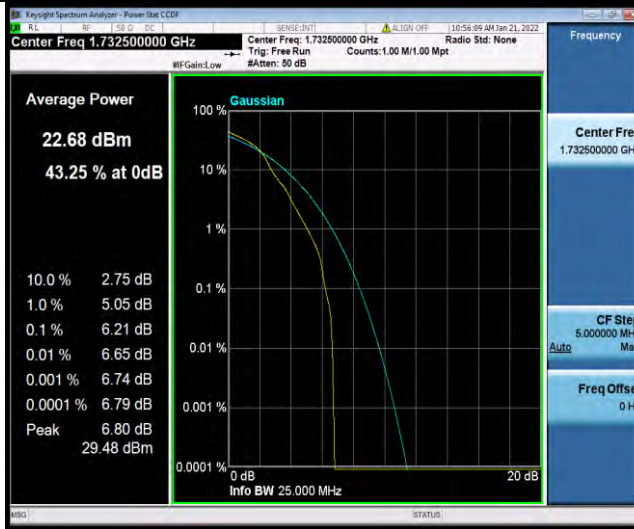


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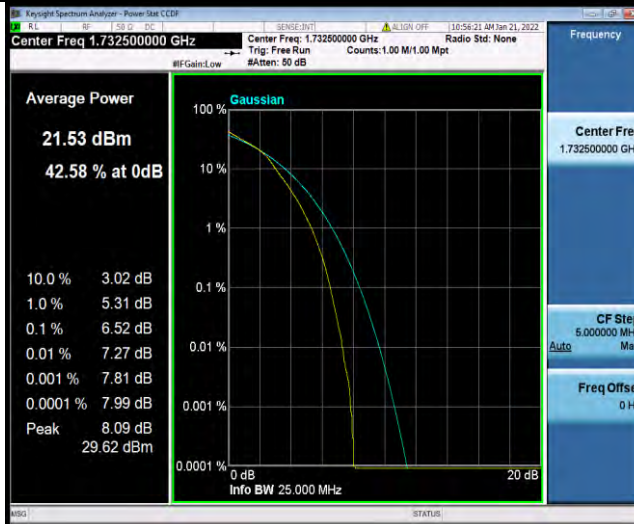


BUREAU VERITAS

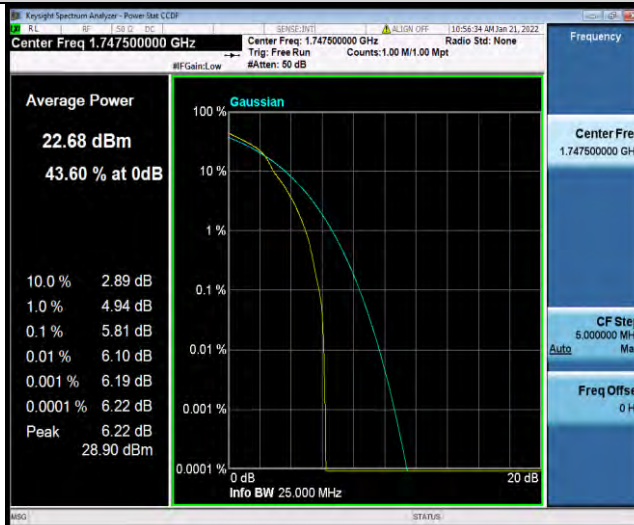
Test Report No.: W7L-P21120037RF05



Band4-15MHz-64QAM-20175-75RB#0



Band4-15MHz-64QAM-20325-1RB#0



Band4-15MHz-64QAM-20325-75RB#0

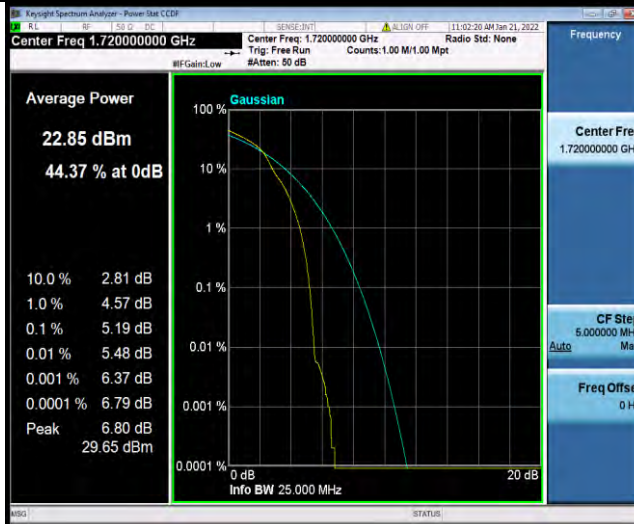


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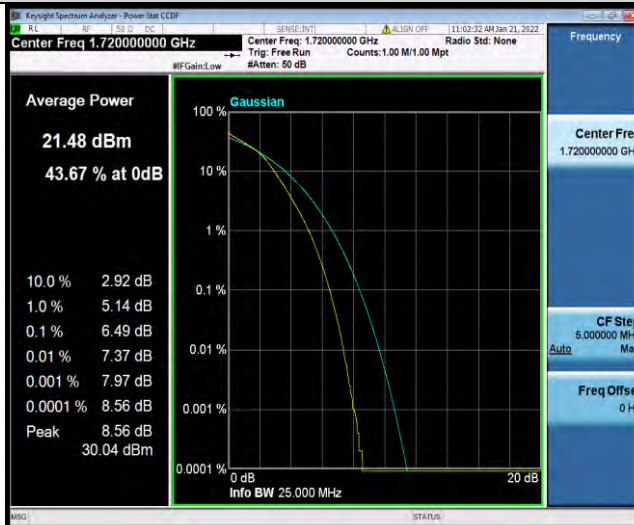
Test Report No.: W7L-P21120037RF05



Band4-20MHz-64QAM-20050-1RB#0



Band4-20MHz-64QAM-20050-100RB#0

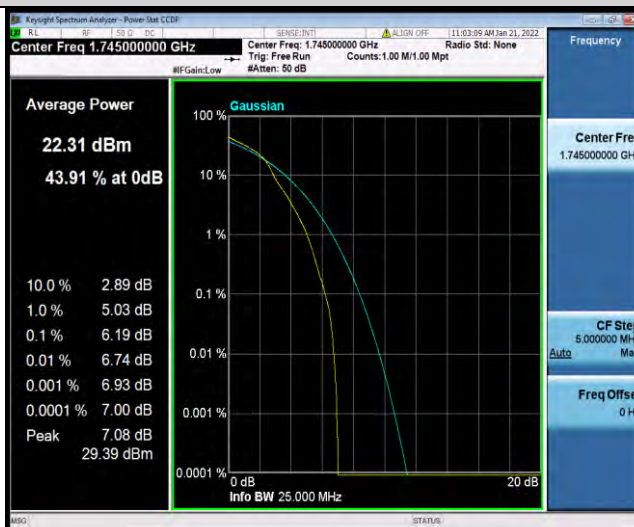
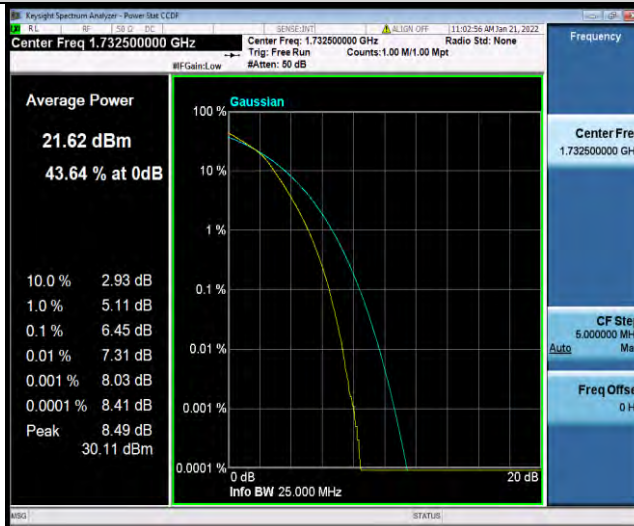


Band4-20MHz-64QAM-20175-1RB#0



BUREAU VERITAS

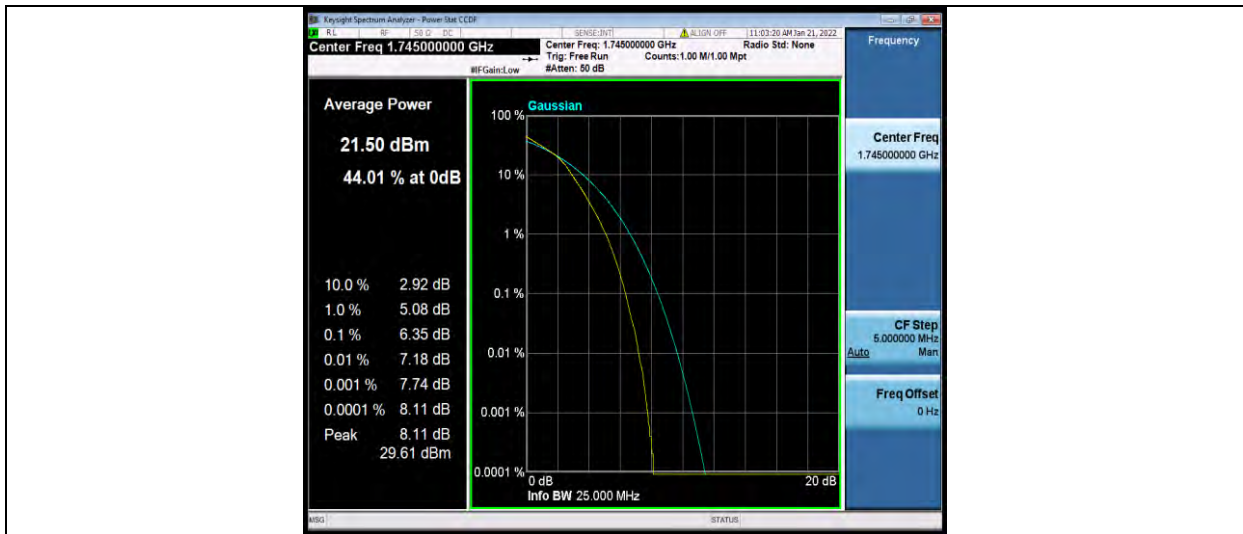
Test Report No.: W7L-P21120037RF05





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Test Report No.: W7L-P21120037RF05



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band4	1.4MHz	QPSK	19957	6RB#0	1.0886	1.233	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0891	1.231	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0880	1.226	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0893	1.228	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0910	1.239	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0919	1.243	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6994	2.975	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6954	2.938	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6990	2.949	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6909	2.965	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6966	2.963	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6982	2.974	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4985	4.886	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4944	4.862	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4908	4.882	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5024	4.884	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4958	4.863	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5021	4.906	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9916	9.581	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9851	9.549	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9954	9.592	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9657	9.574	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9711	9.571	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9775	9.611	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.474	14.33	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.489	14.32	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.463	14.35	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.453	14.27	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.457	14.28	PASS

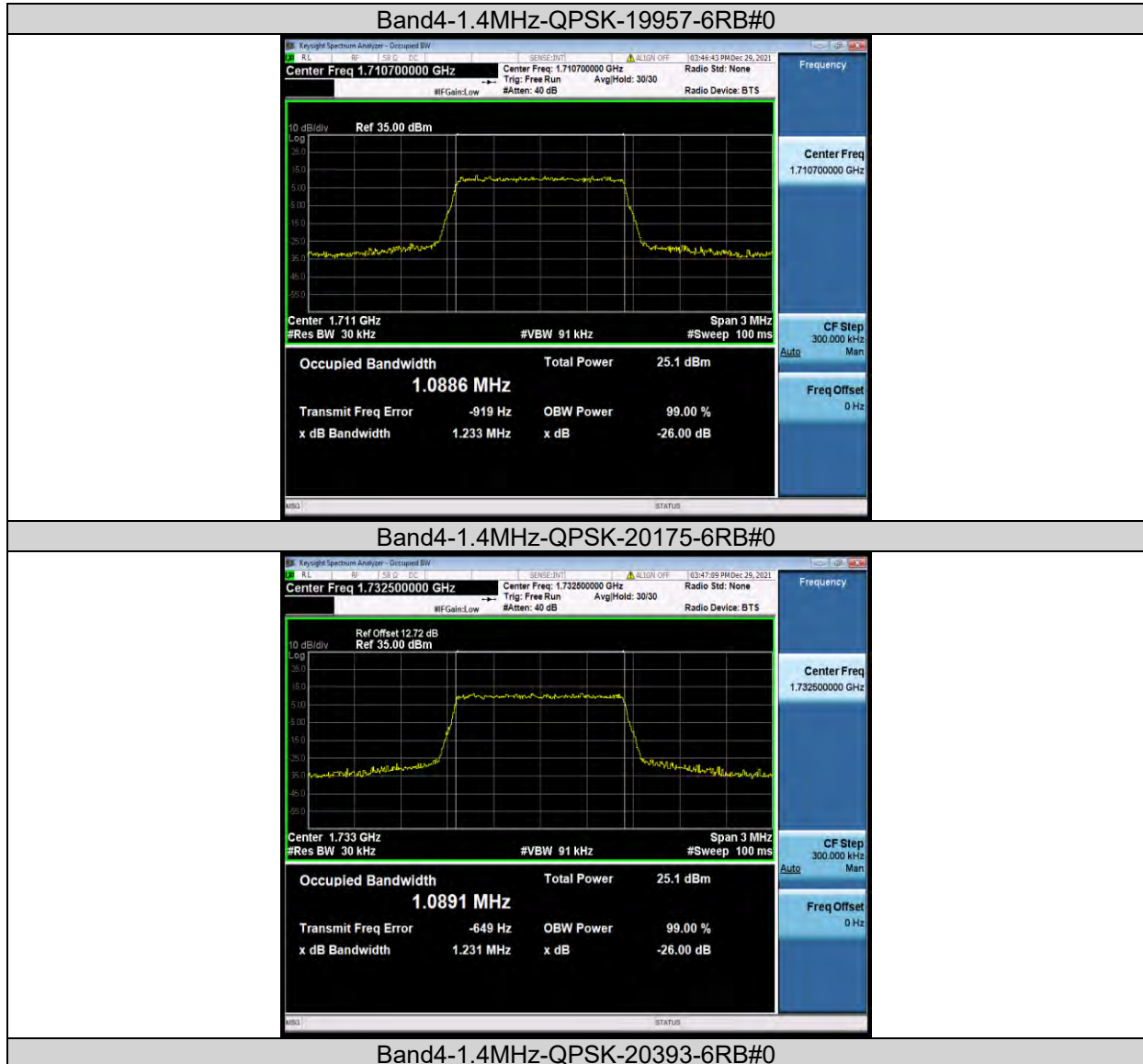


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Test Report No.: W7L-P21120037RF05

Band4	15MHz	16QAM	20325	75RB#0	13.452	14.35	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.967	19.03	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.961	19.01	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.964	19.03	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.956	19.03	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.972	19.02	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.978	19.07	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.0905	1.236	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.0894	1.230	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.0883	1.234	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.6927	2.978	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.6892	2.964	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.6911	2.999	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.4983	4.873	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.5019	4.879	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.4944	4.910	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.9777	9.553	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.9693	9.573	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.9858	9.594	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.462	14.28	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.471	14.29	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.451	14.39	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.965	19.01	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.977	19.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.973	19.00	PASS

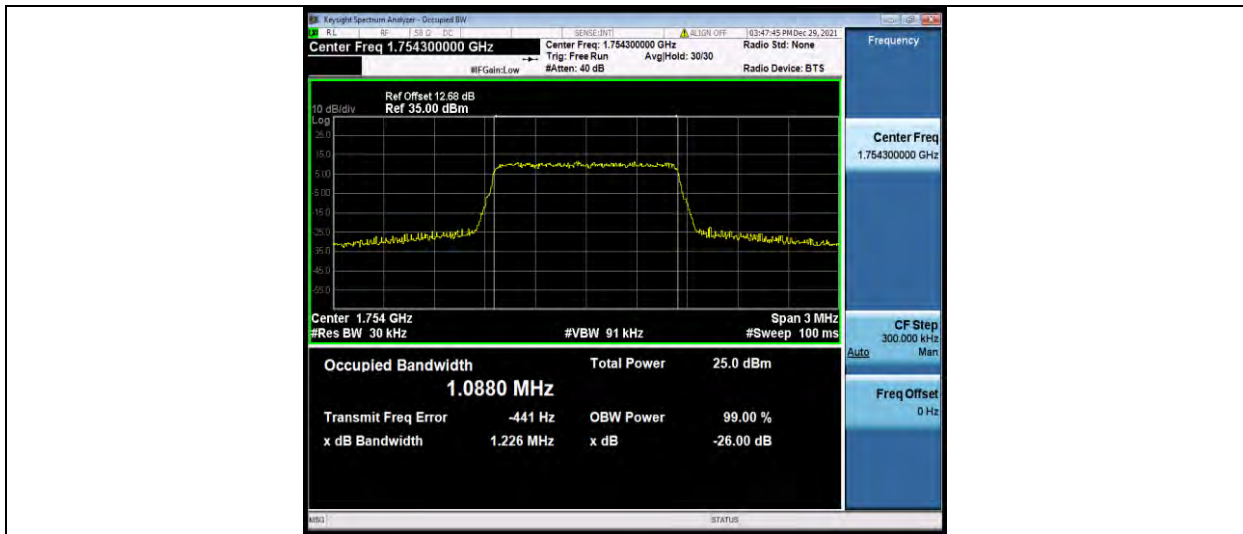
Test Graphs



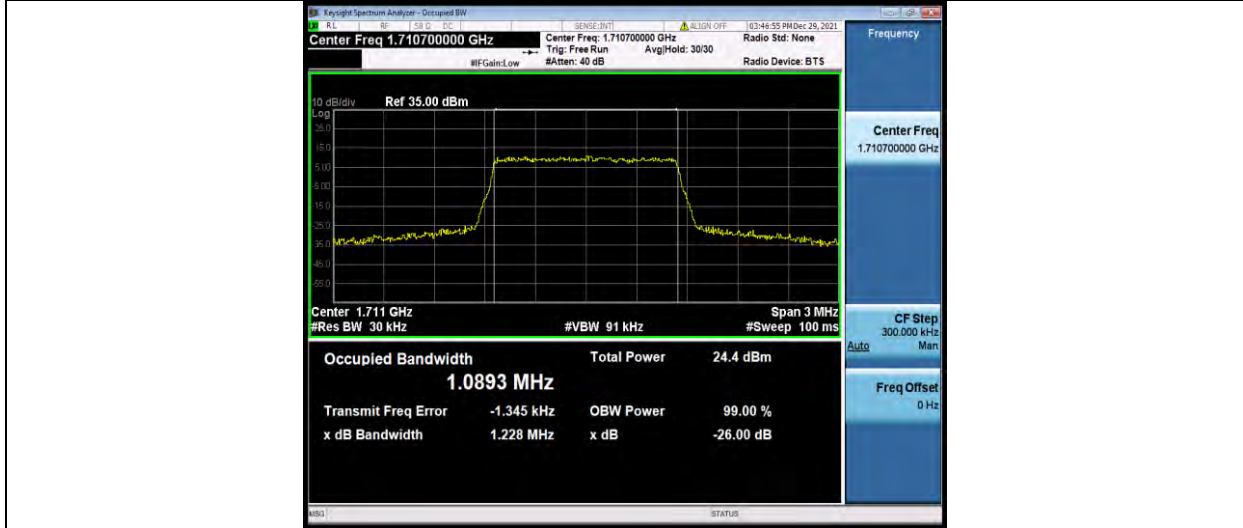


BUREAU VERITAS

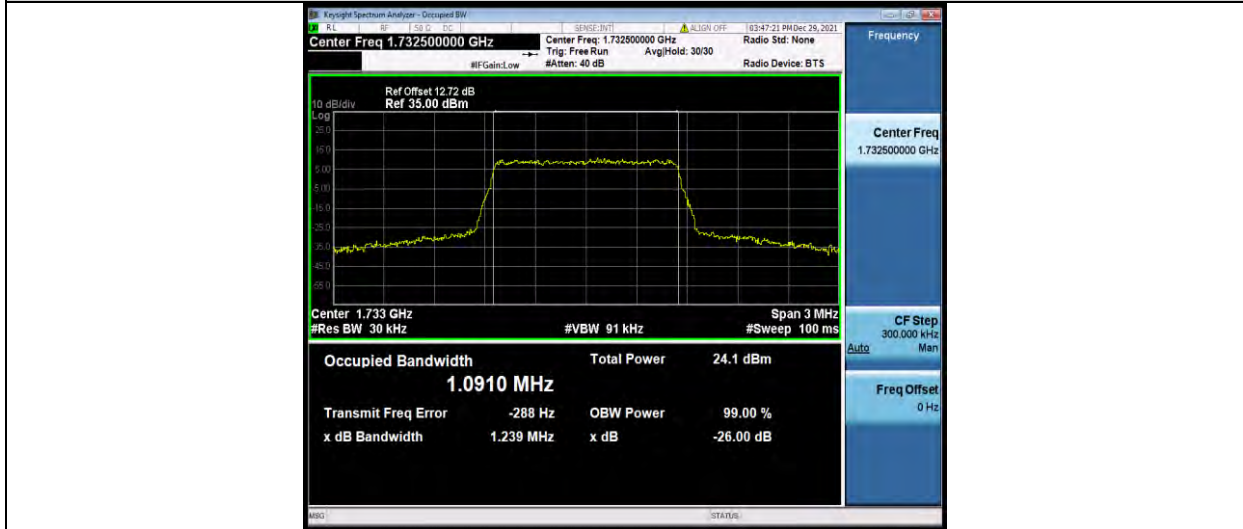
Test Report No.: W7L-P21120037RF05



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



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

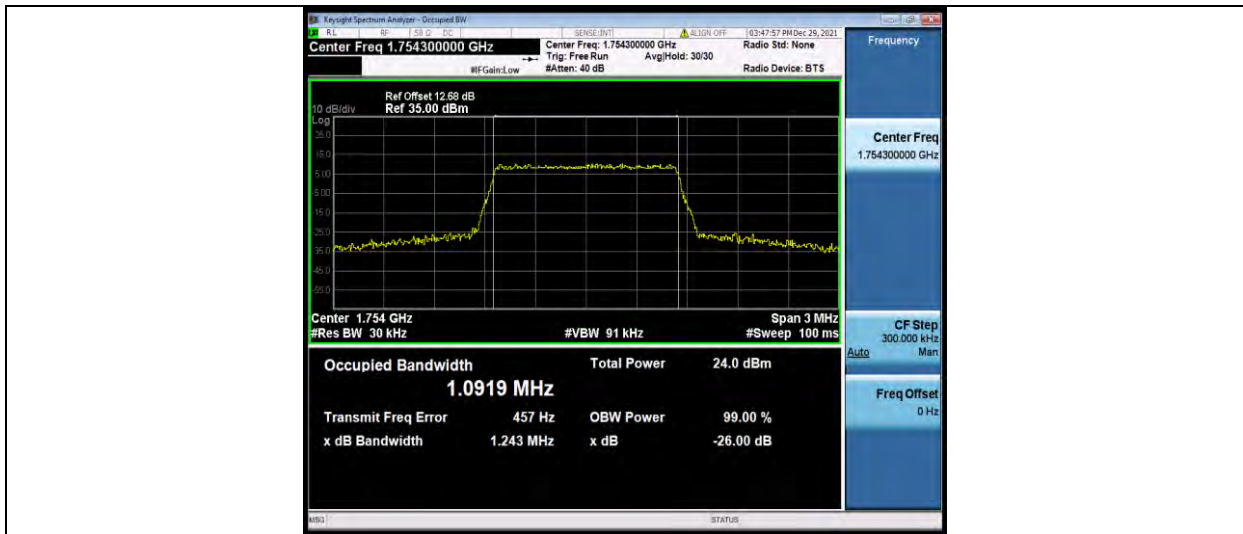


Band4-1.4MHz-16QAM-20393-6RB#0

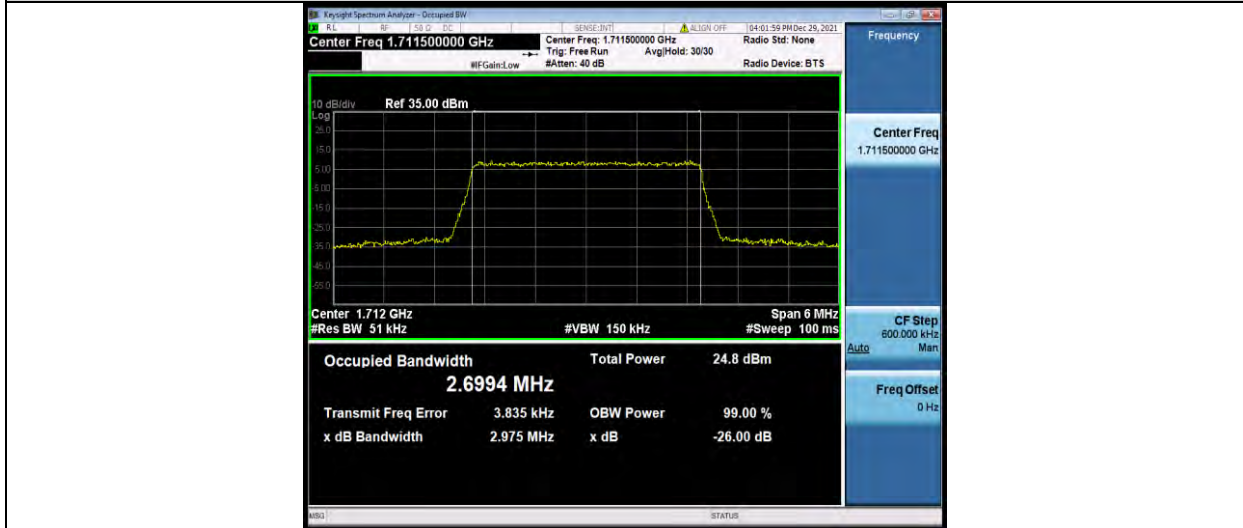


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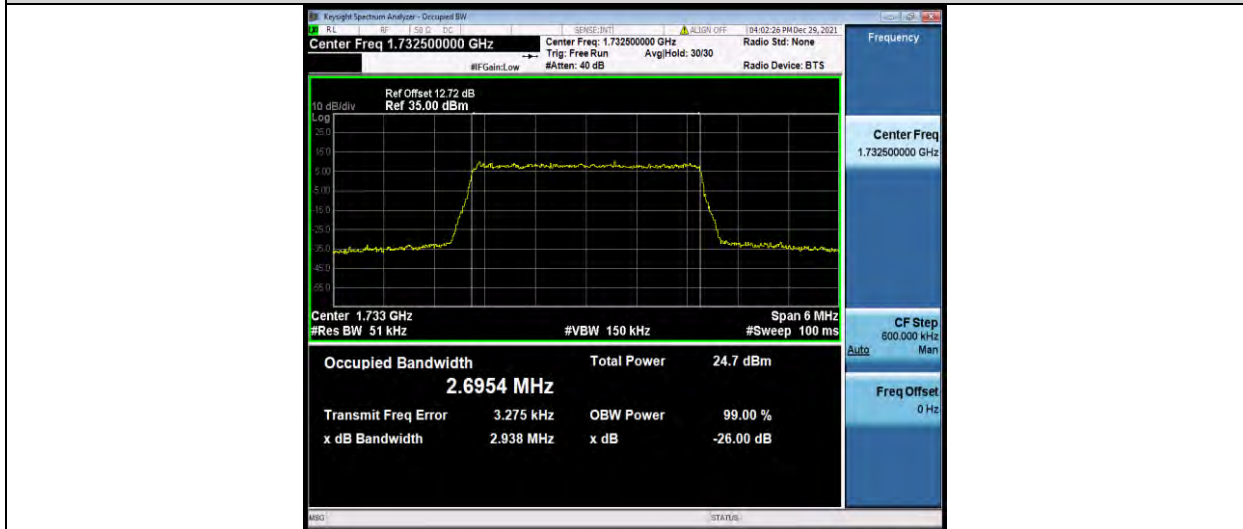
Test Report No.: W7L-P21120037RF05



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



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

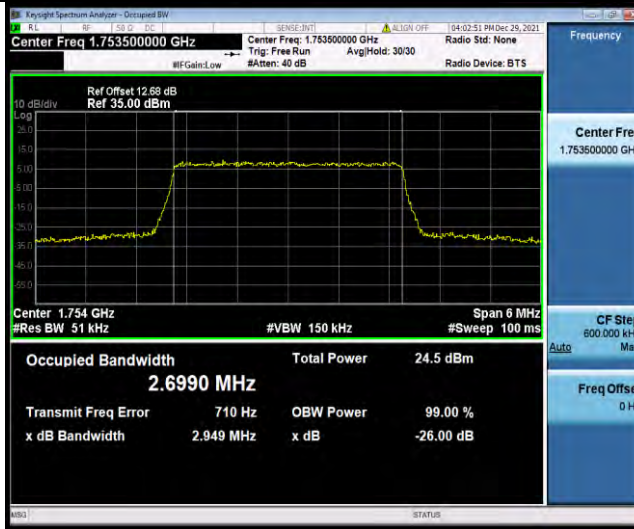


Band4-3MHz-QPSK-20385-15RB#0

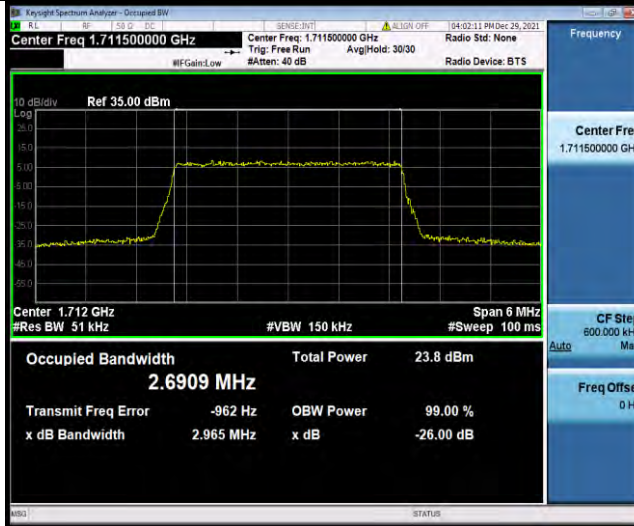


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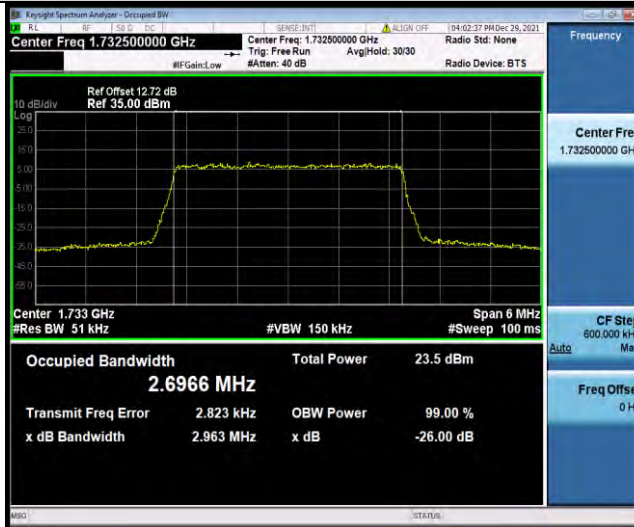
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Band4-3MHz-16QAM-19965-15RB#0



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



Band4-3MHz-16QAM-20385-15RB#0

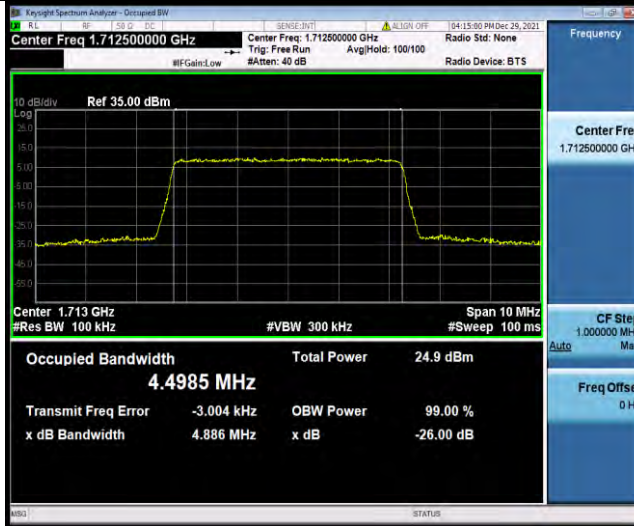


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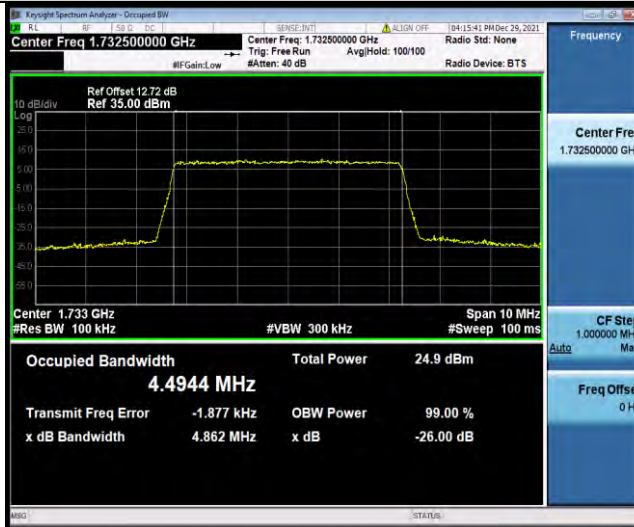
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Band4-5MHz-QPSK-19975-25RB#0



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



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