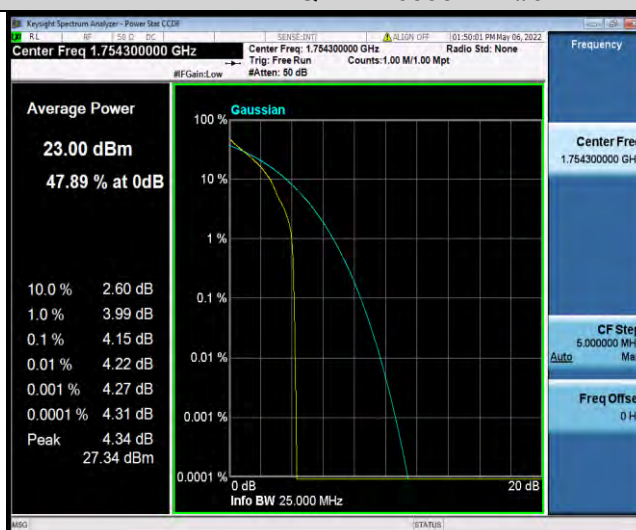




Band4-1.4MHz-QPSK-20175-6RB#0



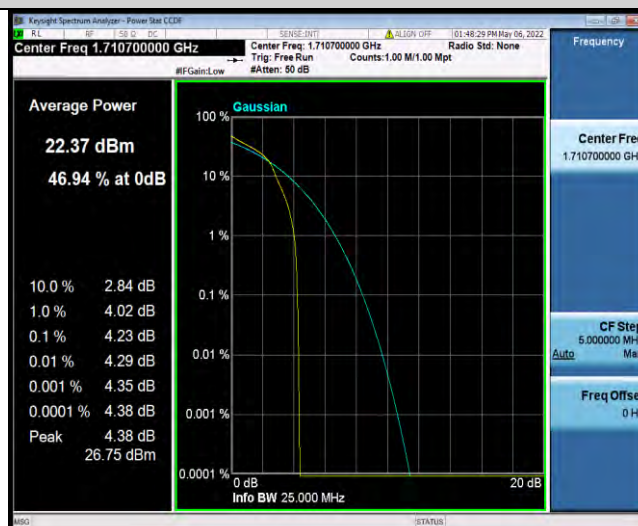
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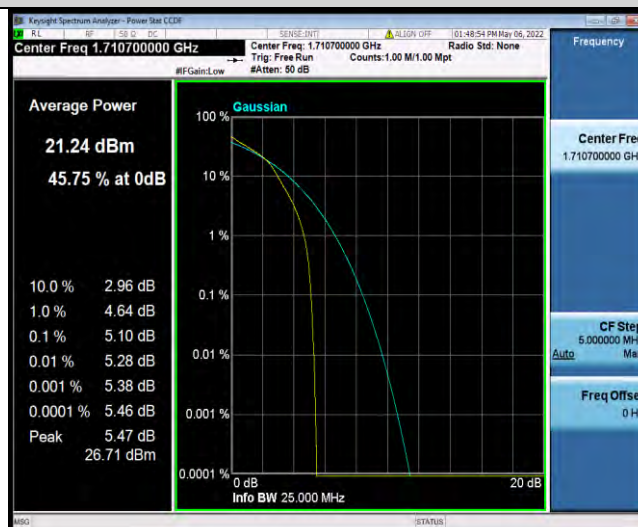
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Band4-1.4MHz-16QAM-19957-1RB#0



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

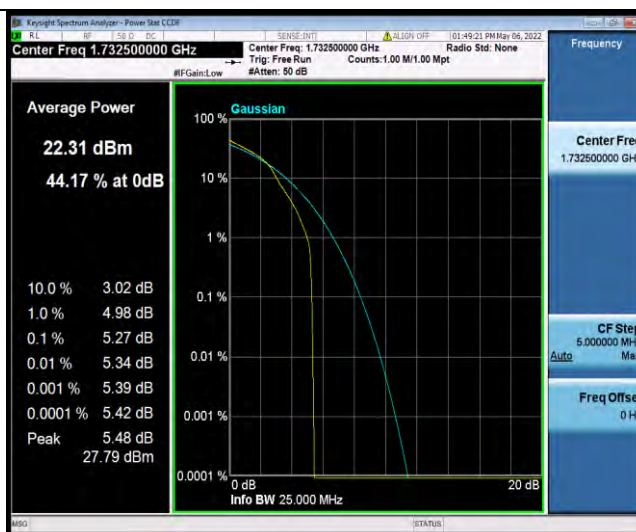


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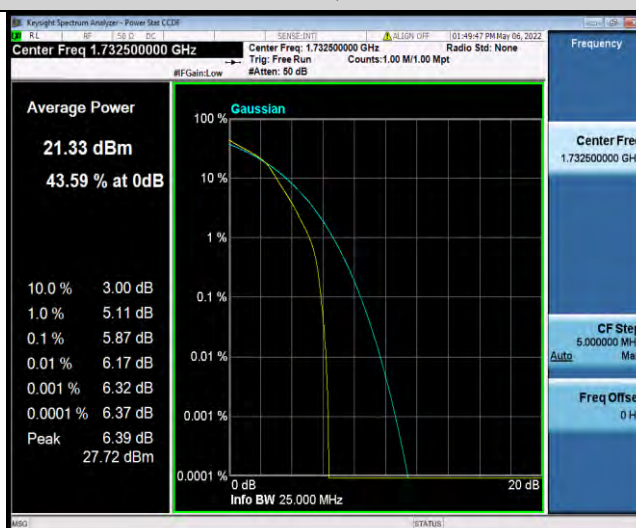


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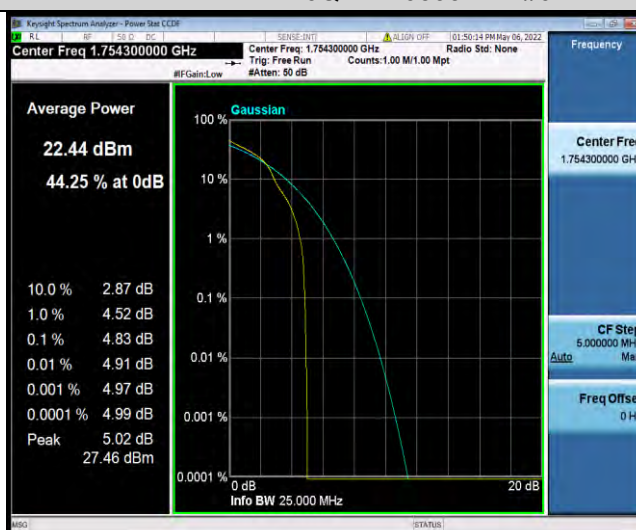
Test Report No.: W7L-P22040029RF06



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



Band4-1.4MHz-16QAM-20393-1RB#0



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

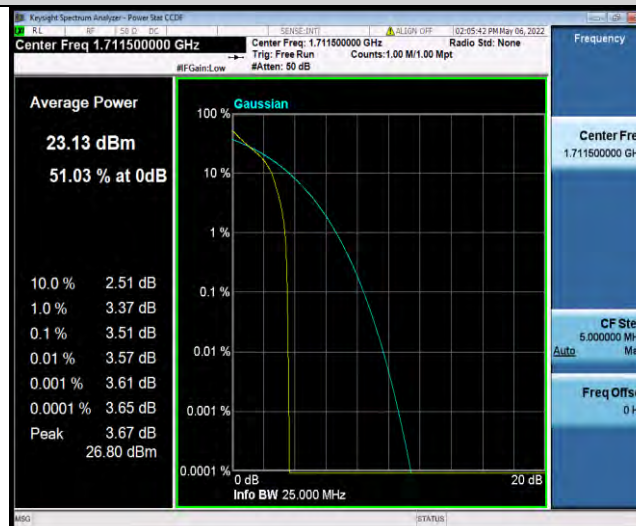


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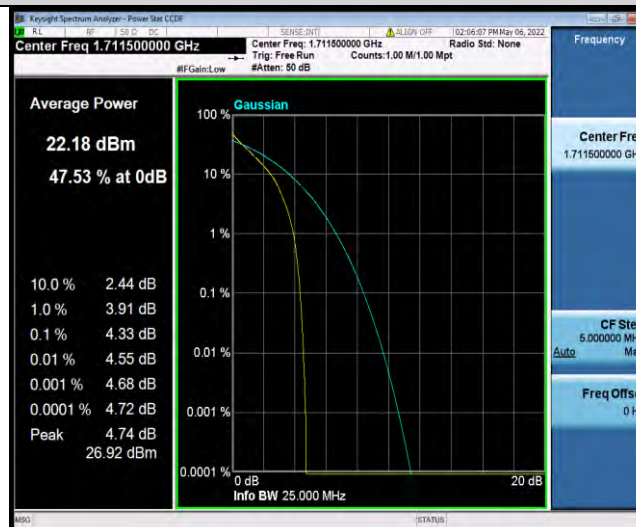
Test Report No.: W7L-P22040029RF06



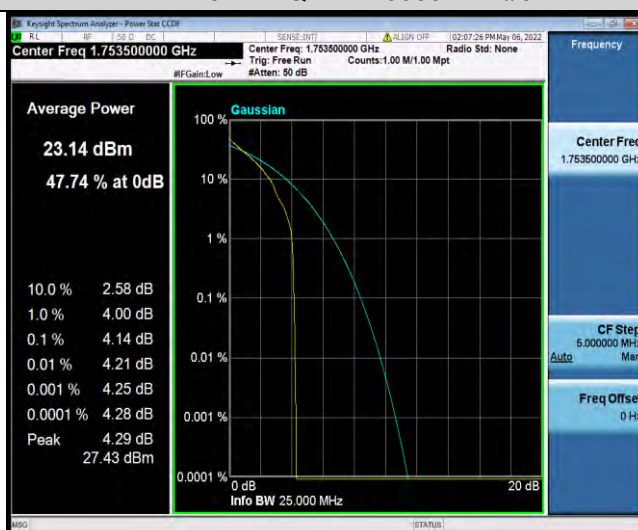
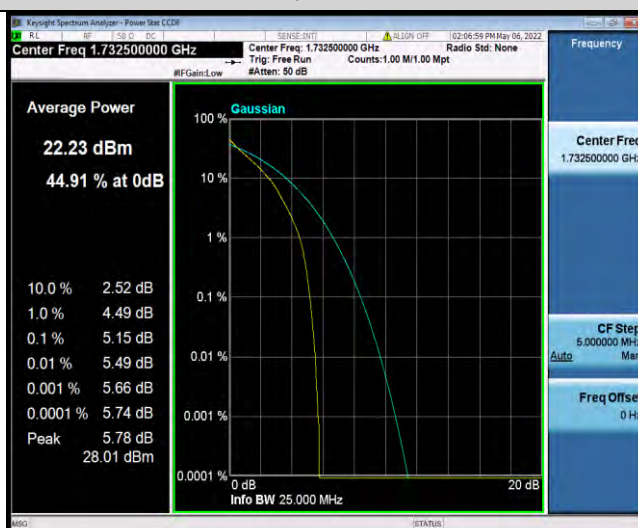
Band4-3MHz-QPSK-19965-1RB#0



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



Band4-3MHz-QPSK-20175-1RB#0



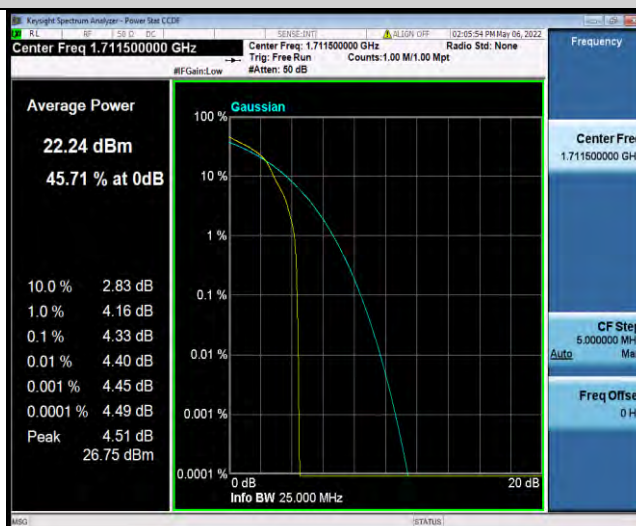


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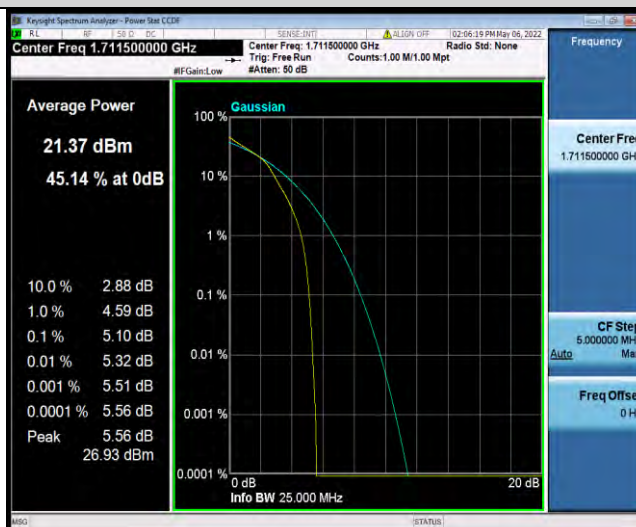
Test Report No.: W7L-P22040029RF06



Band4-3MHz-16QAM-19965-1RB#0



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

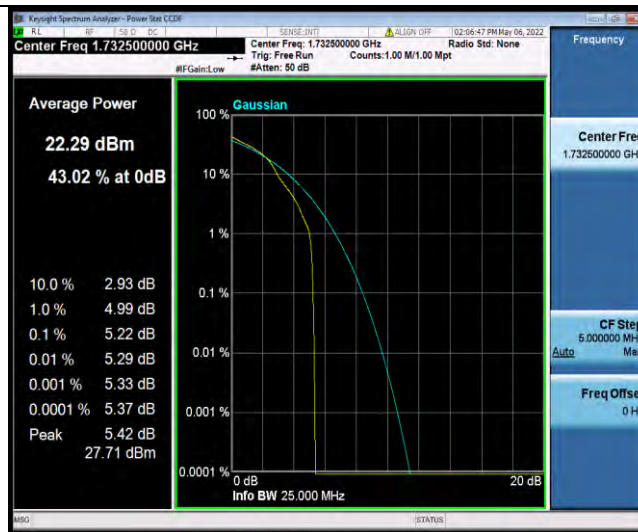


Band4-3MHz-16QAM-20175-1RB#0



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Test Report No.: W7L-P22040029RF06



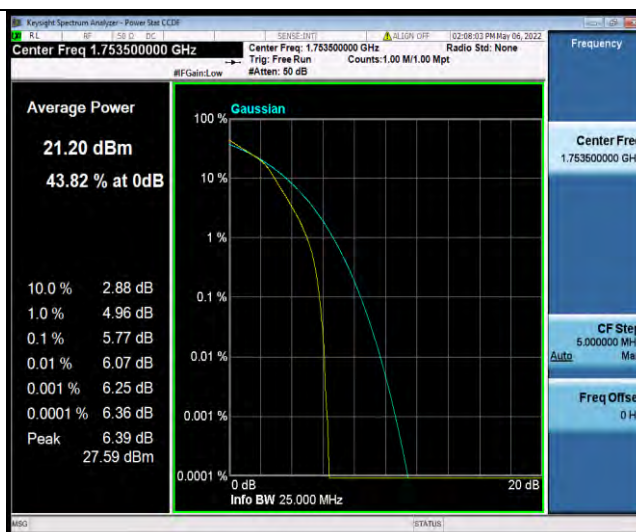
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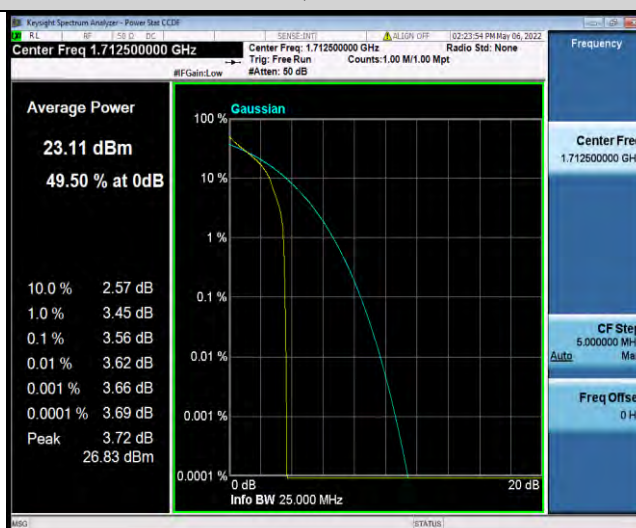
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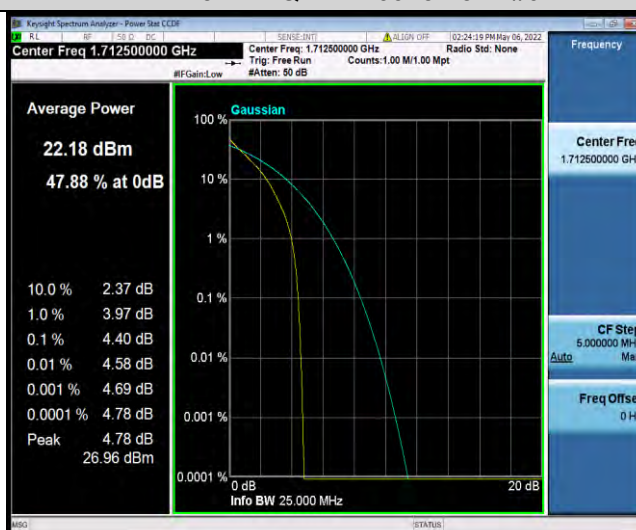
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Band4-5MHz-QPSK-19975-1RB#0



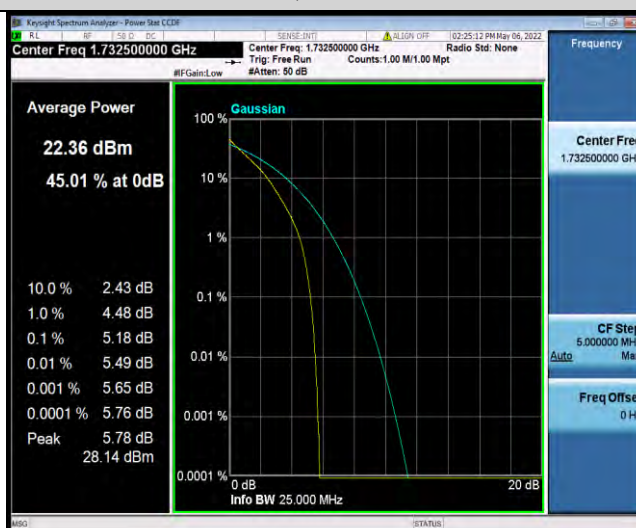
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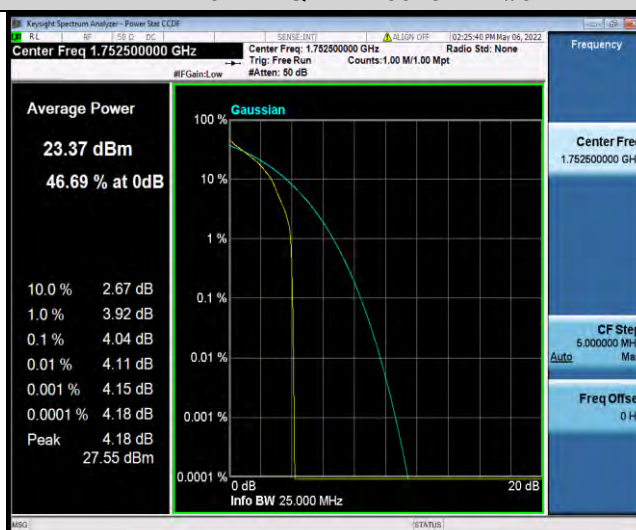
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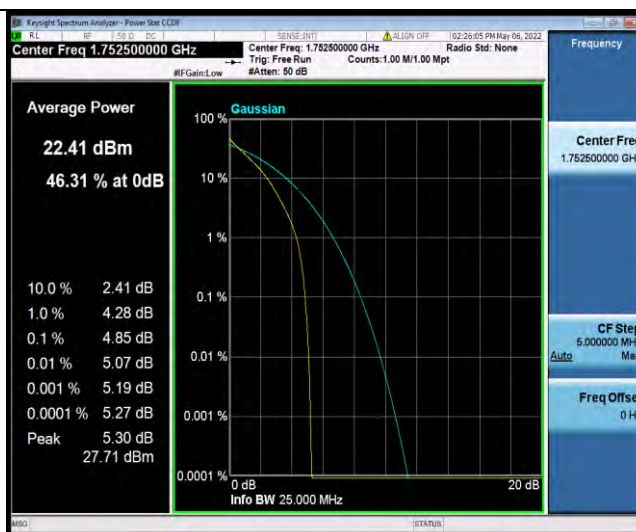
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Band4-5MHz-QPSK-20375-1RB#0



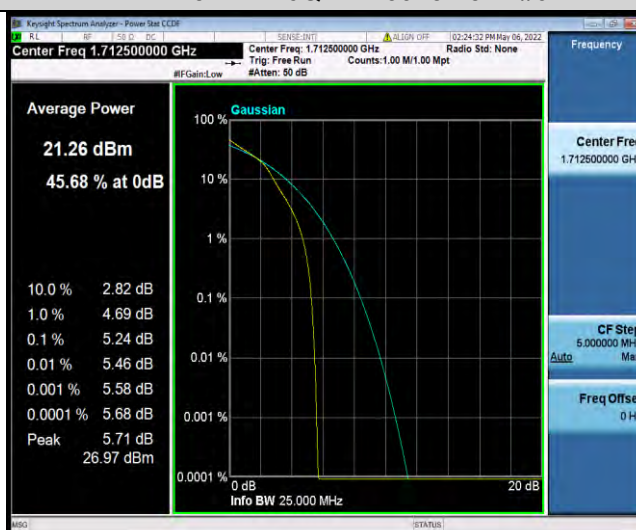
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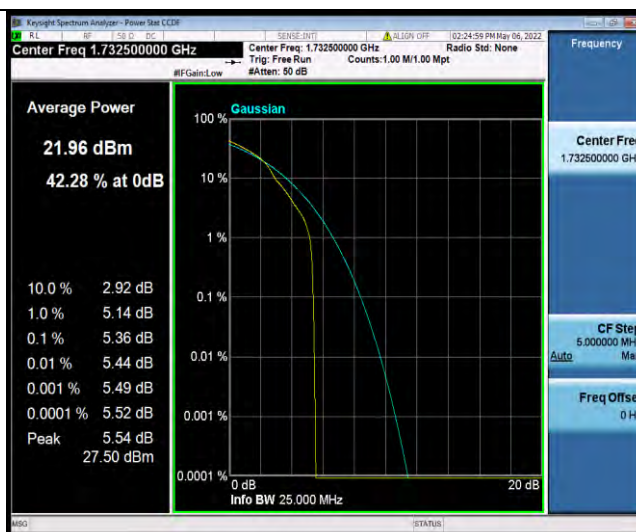
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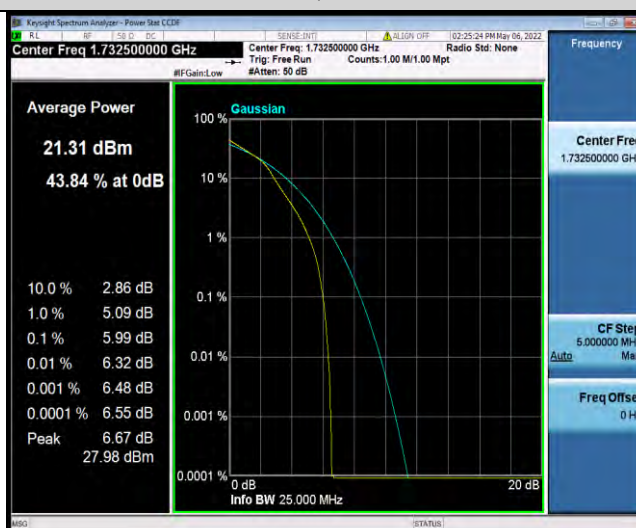
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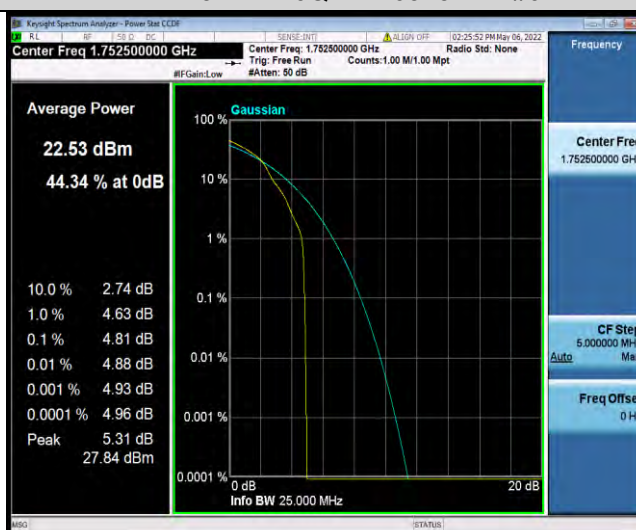
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Band4-5MHz-16QAM-20175-25RB#0



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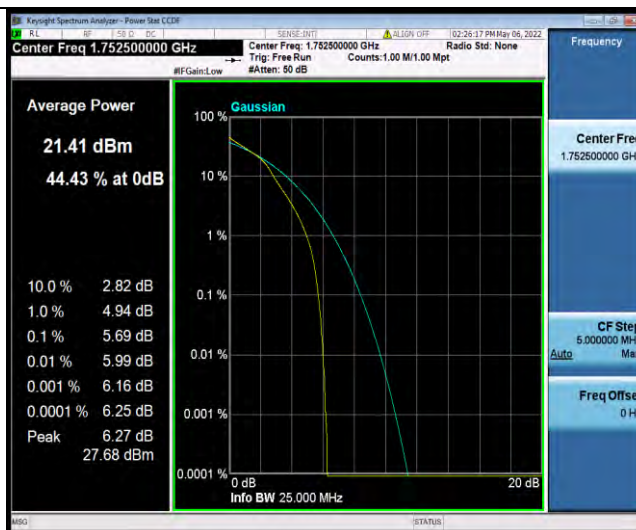


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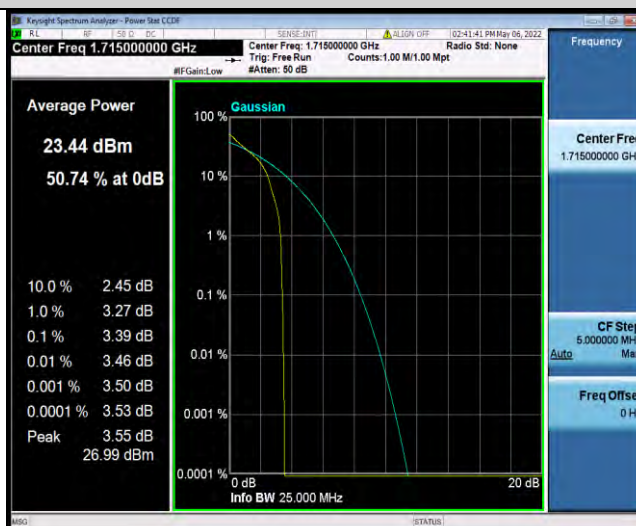


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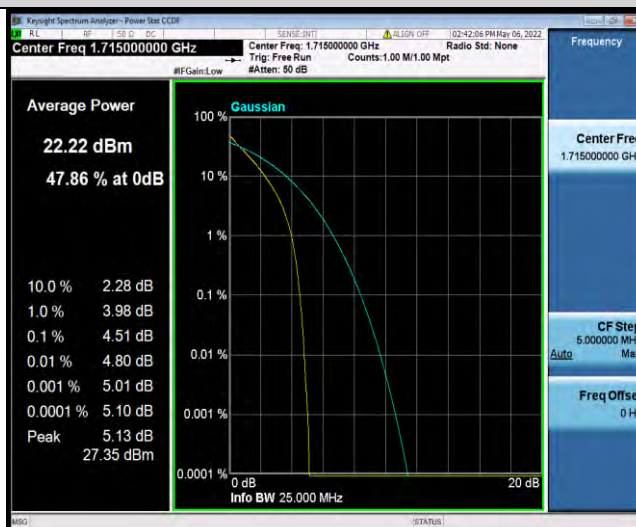
Test Report No.: W7L-P22040029RF06



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



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



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



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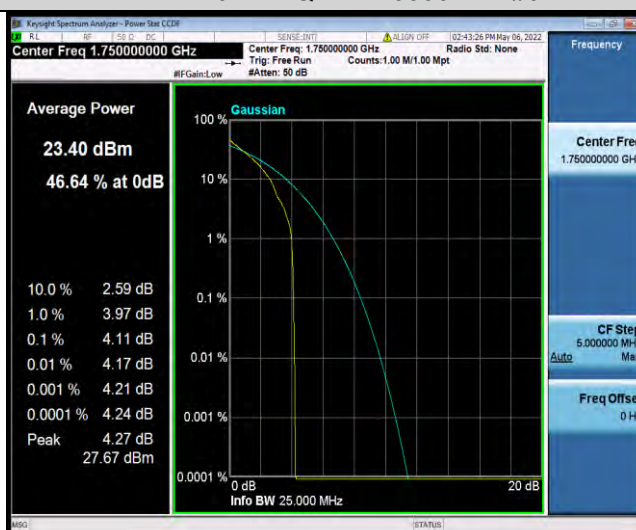
Test Report No.: W7L-P22040029RF06



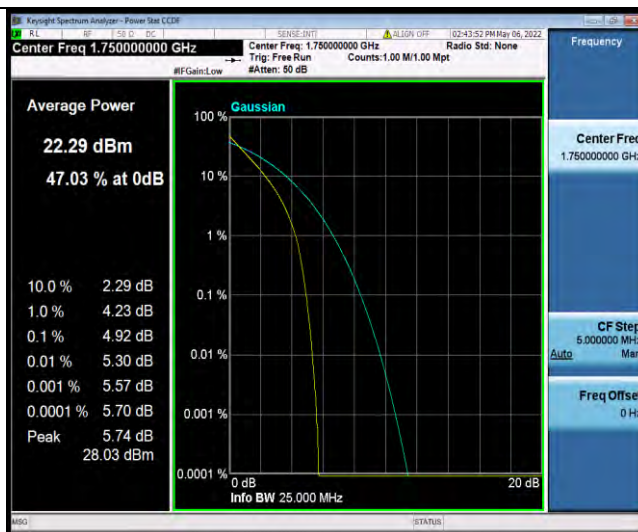
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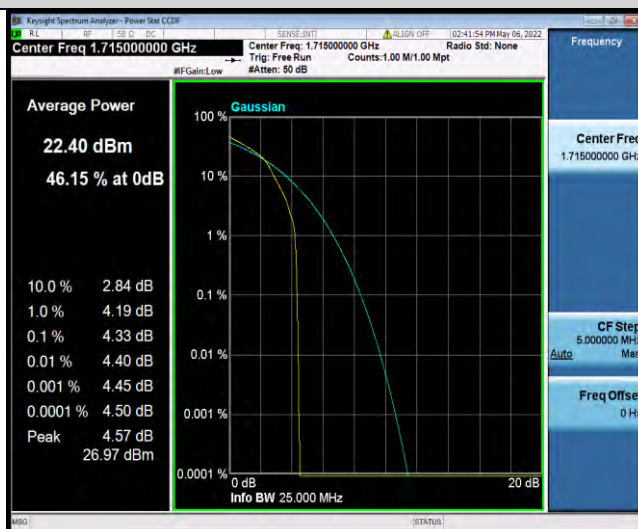
Band4-10MHz-QPSK-20350-1RB#0



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



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



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

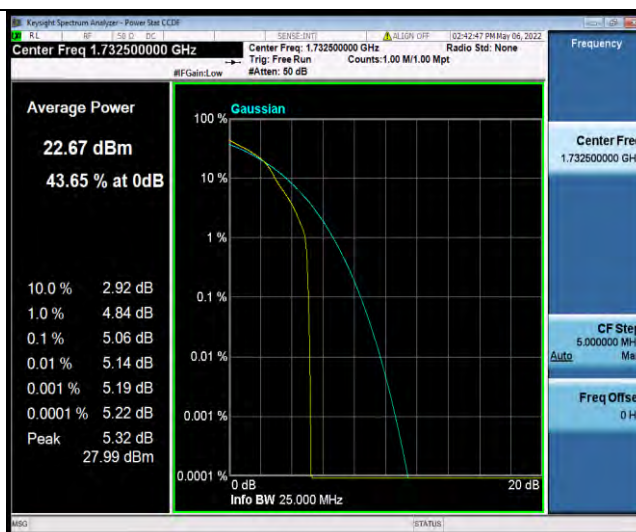


Band4-10MHz-16QAM-20175-1RB#0



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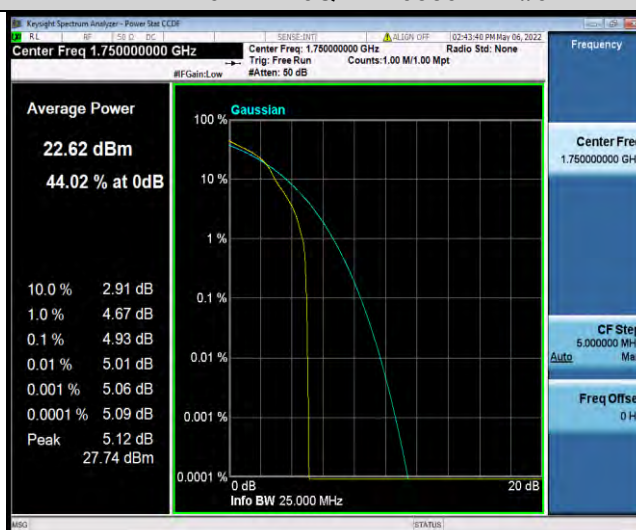
Test Report No.: W7L-P22040029RF06



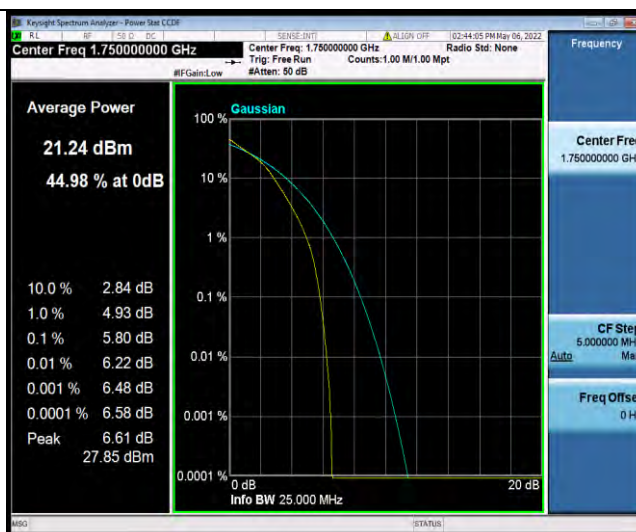
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Band4-10MHz-16QAM-20350-1RB#0



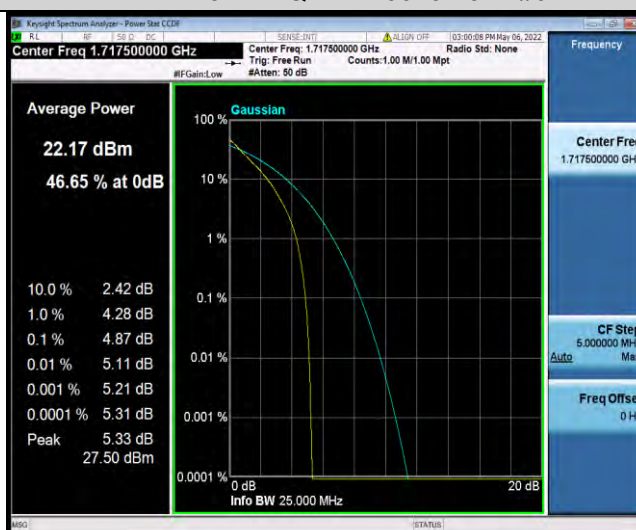
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Band4-15MHz-QPSK-20025-1RB#0



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

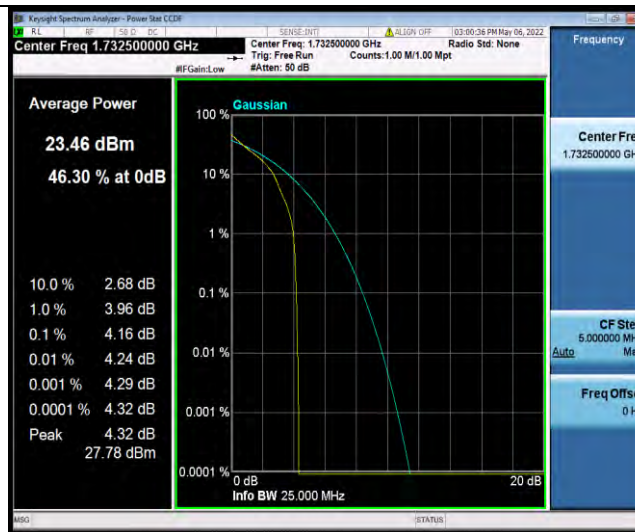


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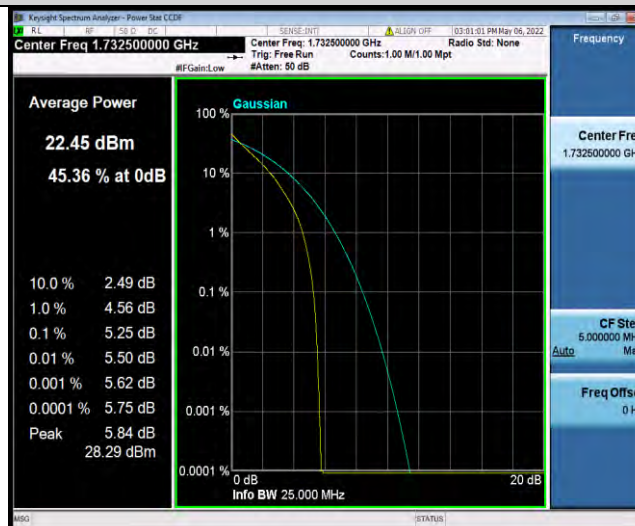


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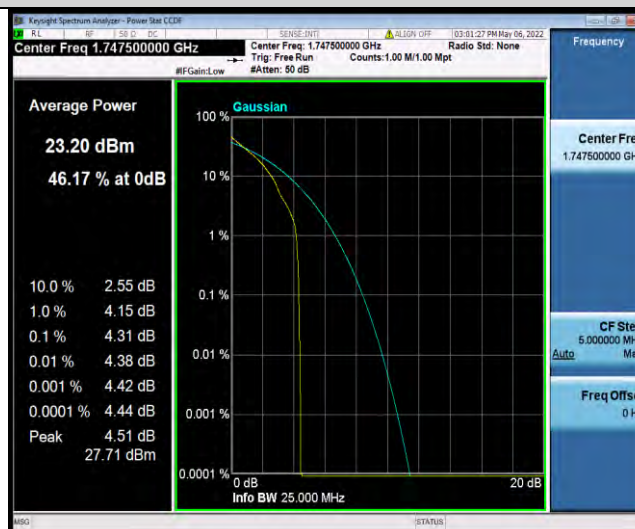
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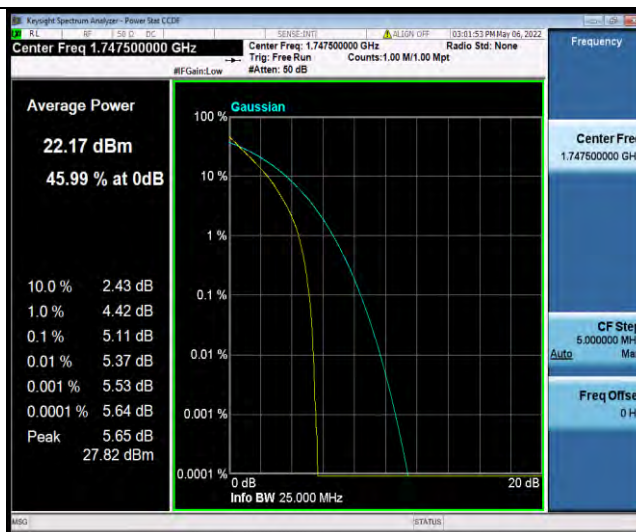
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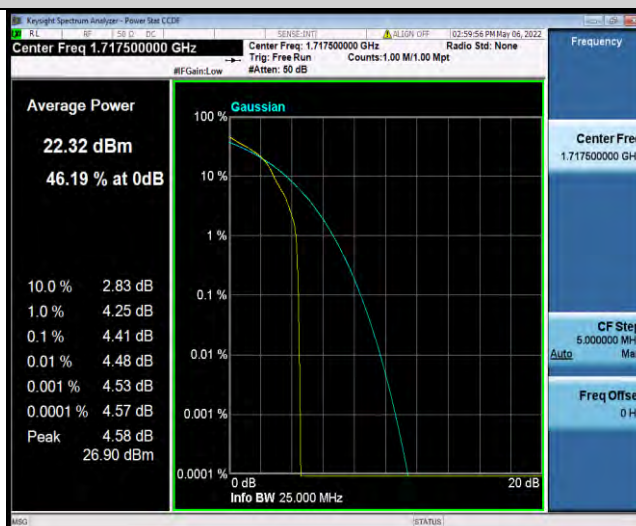
Band4-15MHz-QPSK-20325-1RB#0



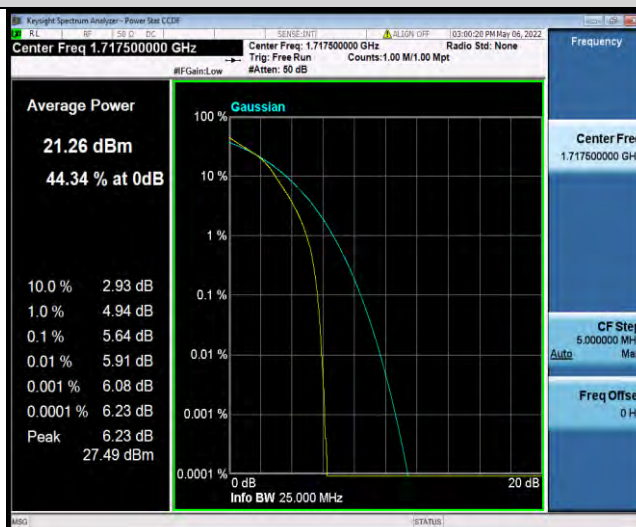
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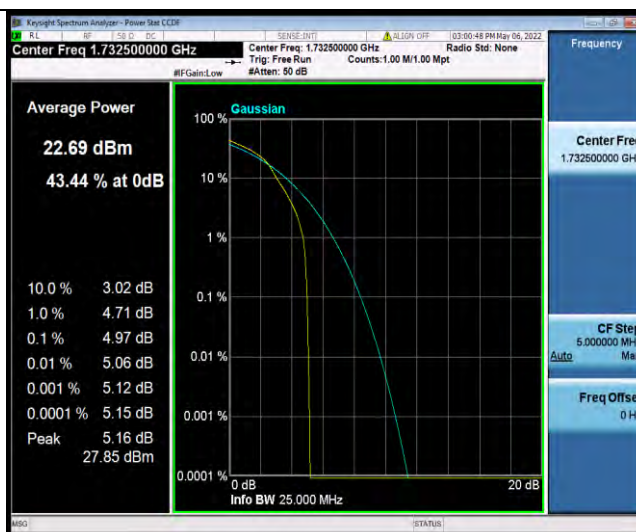
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Band4-15MHz-16QAM-20025-75RB#0



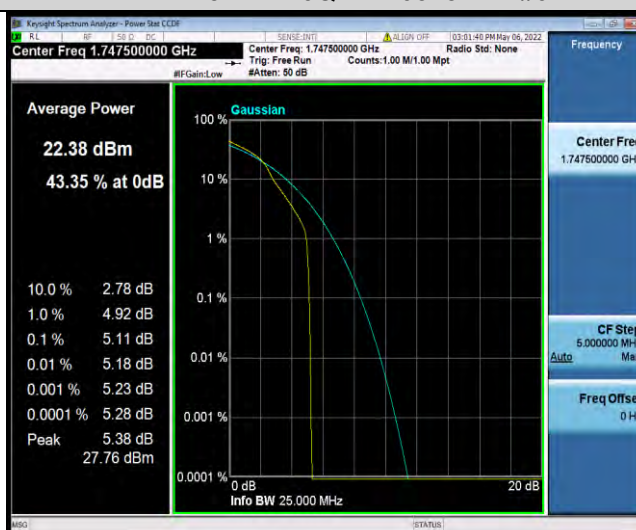
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Band4-15MHz-16QAM-20175-75RB#0



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



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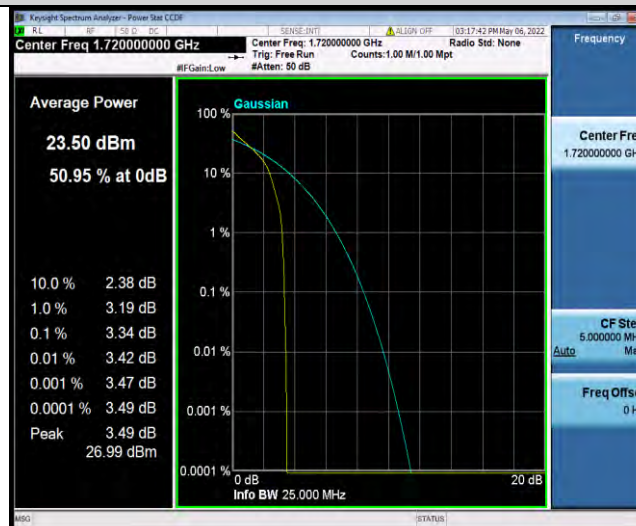


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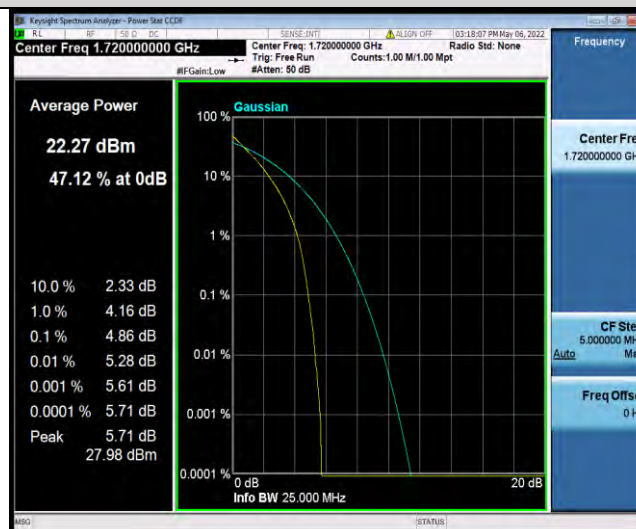
Test Report No.: W7L-P22040029RF06



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



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

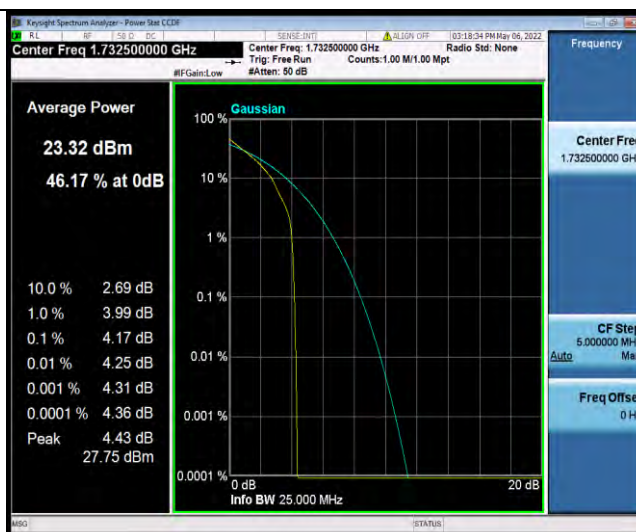


Band4-20MHz-QPSK-20175-1RB#0



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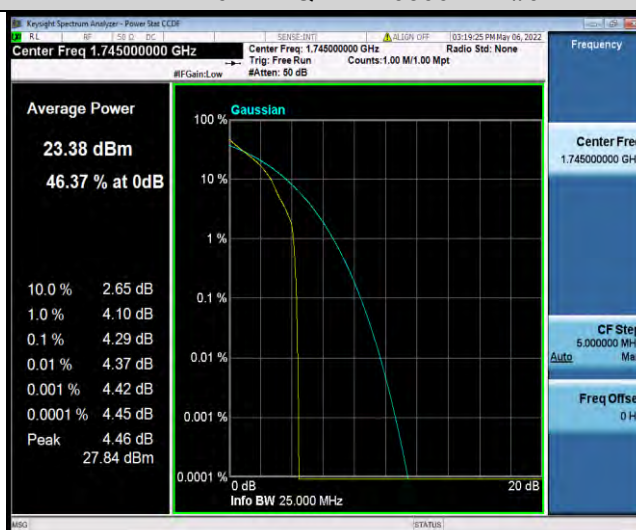
Test Report No.: W7L-P22040029RF06



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



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



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



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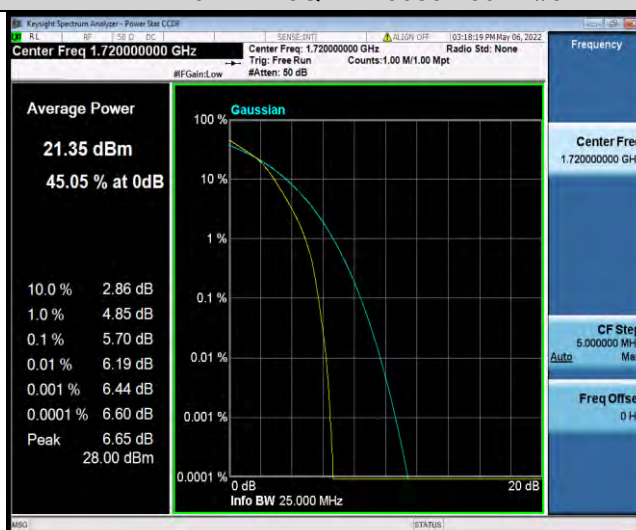
Test Report No.: W7L-P22040029RF06



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



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



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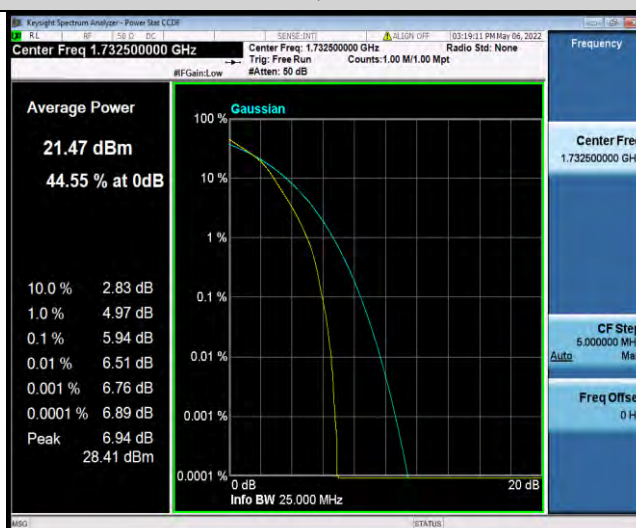


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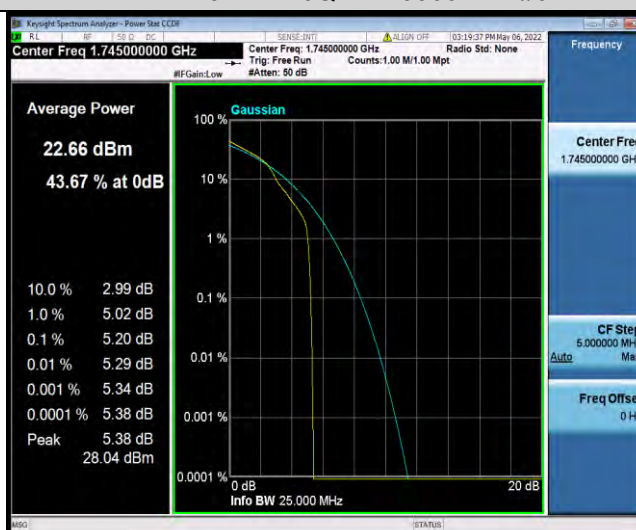
Test Report No.: W7L-P22040029RF06



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



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

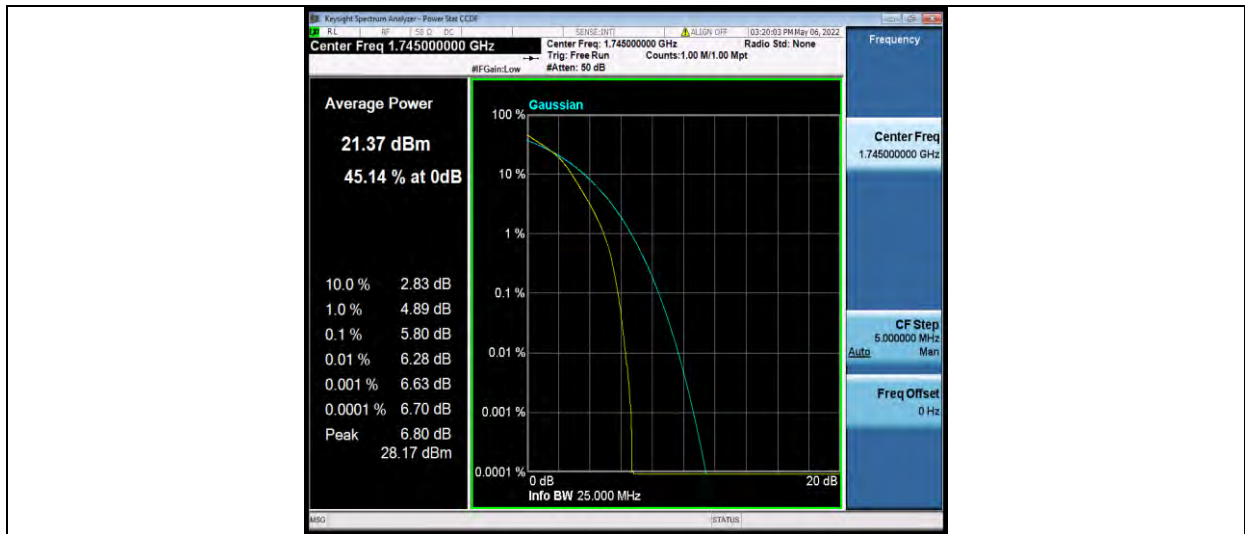


Band4-20MHz-16QAM-20300-100RB#0



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Test Report No.: W7L-P22040029RF06



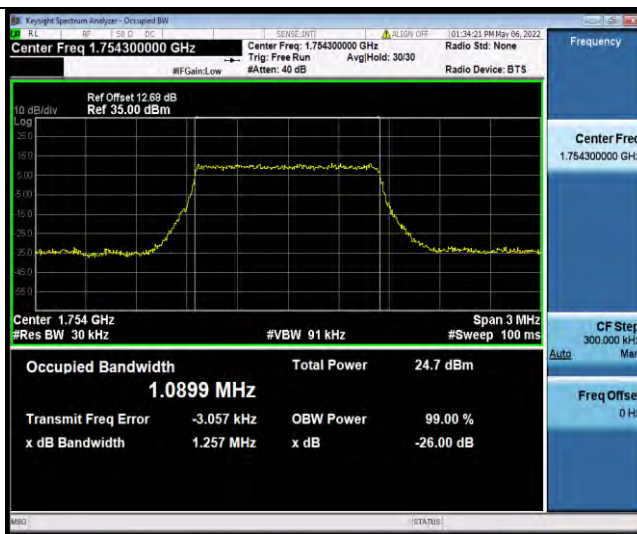
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0879	1.245	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0899	1.255	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0899	1.257	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0911	1.276	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0895	1.274	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0902	1.252	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6938	2.892	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6954	2.923	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6998	2.926	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6909	2.925	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6880	2.916	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6894	2.924	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4971	4.881	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4972	4.892	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4977	4.854	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4978	4.884	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5020	4.865	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4989	4.904	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9626	9.543	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9652	9.566	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9520	9.518	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9484	9.520	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9554	9.546	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9610	9.517	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.447	14.28	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.442	14.31	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.412	14.25	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.418	14.27	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.430	14.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.419	14.23	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.920	18.95	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.898	19.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.882	18.92	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.893	18.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.921	18.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.882	18.94	PASS

Test Graphs

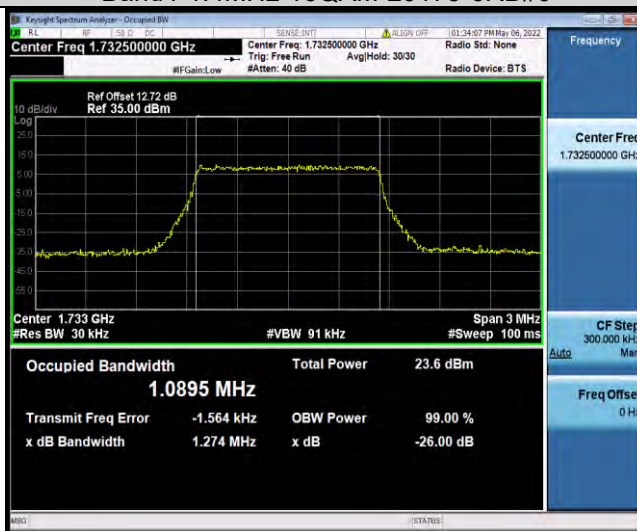




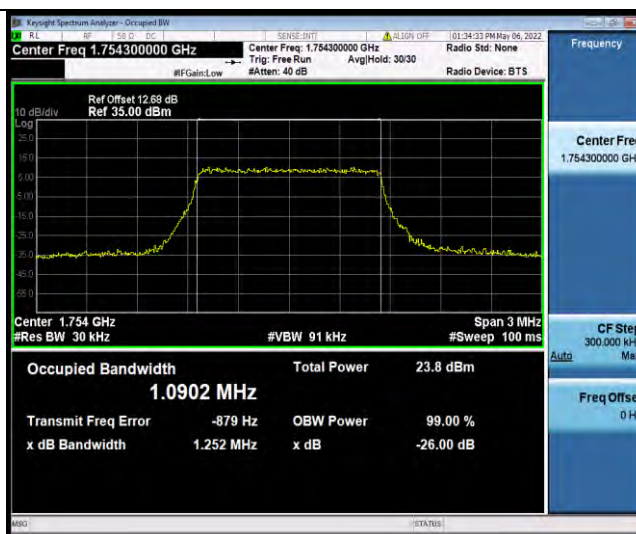
Band4-1.4MHz-16QAM-19957-6RB#0



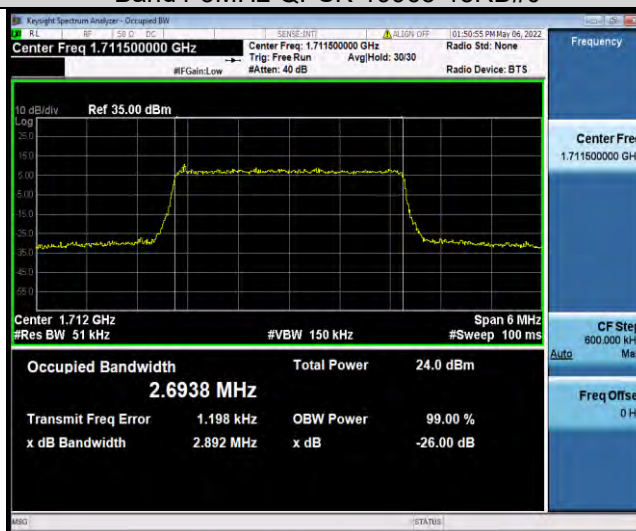
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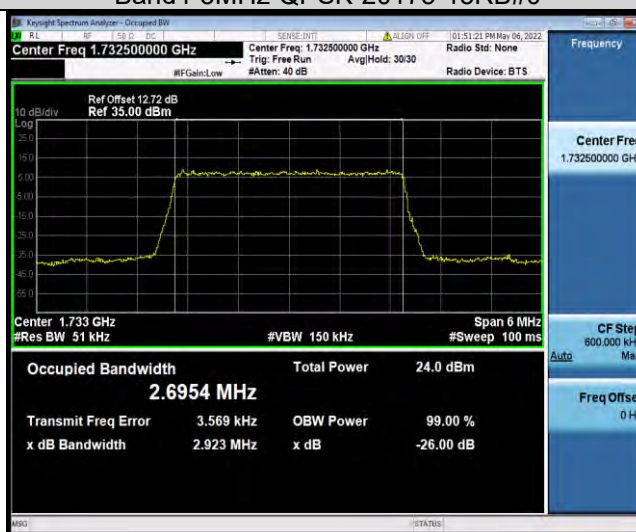
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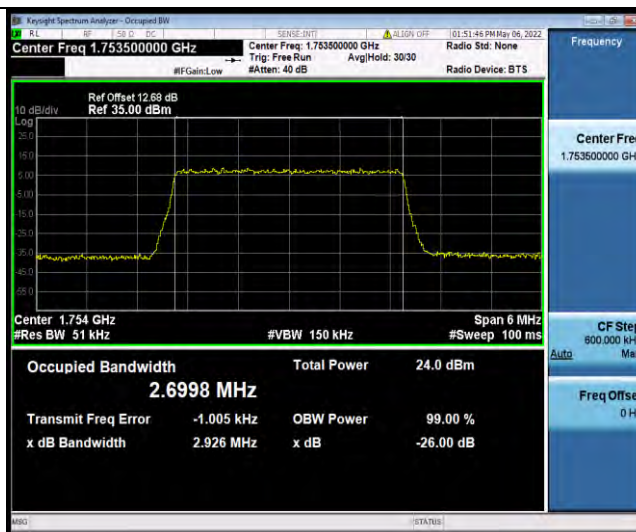
Band4-3MHz-QPSK-19965-15RB#0



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



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



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



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

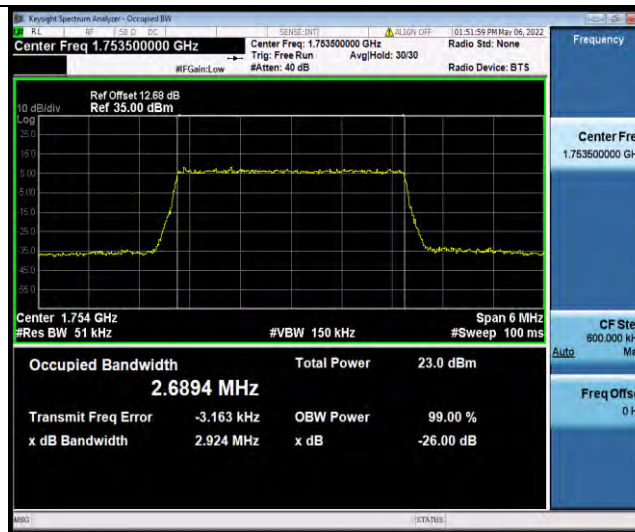


Band4-3MHz-16QAM-20385-15RB#0

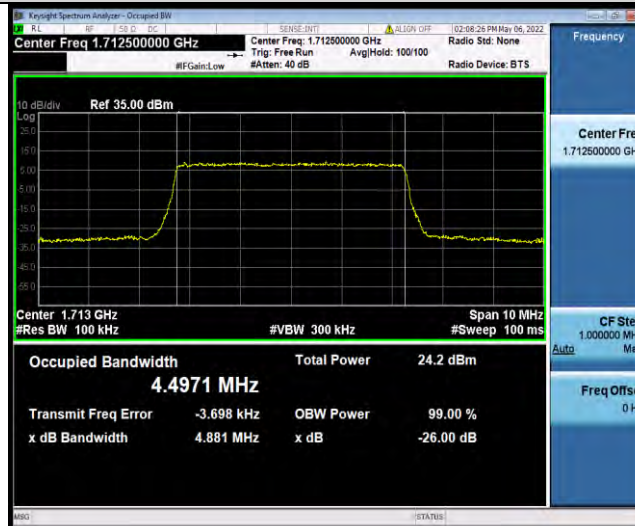


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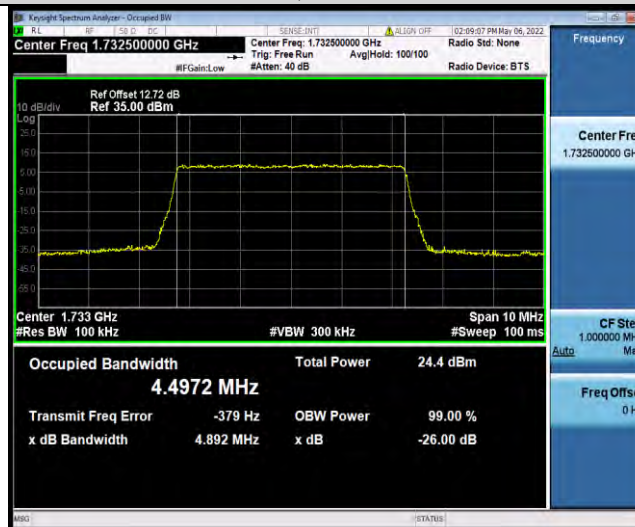
Test Report No.: W7L-P22040029RF06



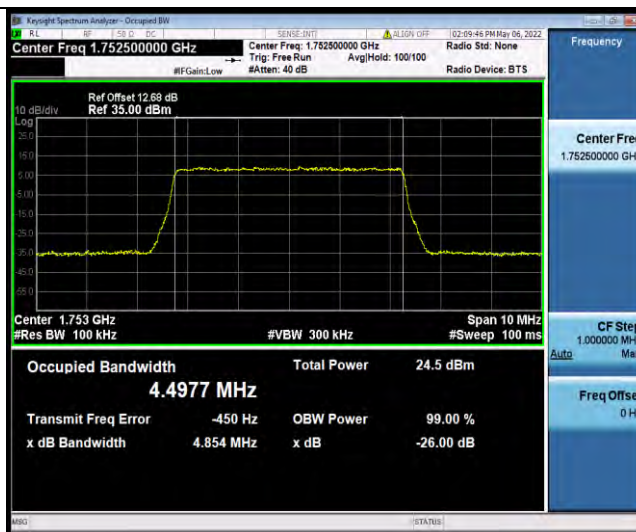
Band4-5MHz-QPSK-19975-25RB#0



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



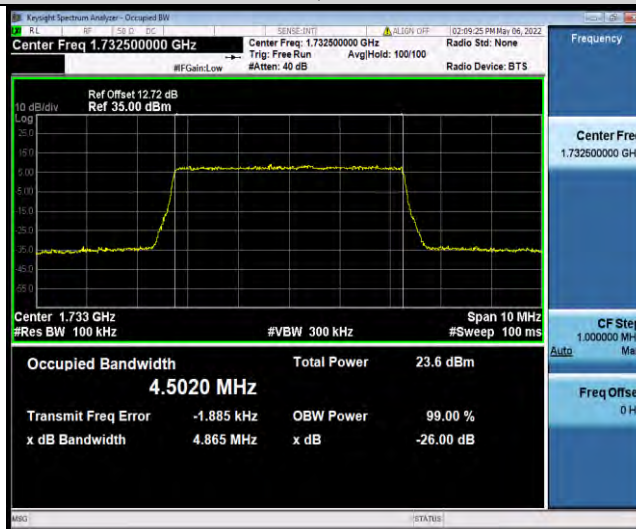
Band4-5MHz-QPSK-20375-25RB#0



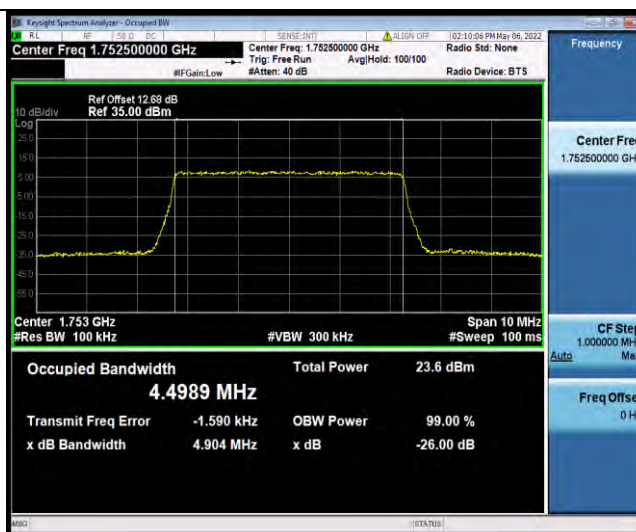
Band4-5MHz-16QAM-19975-25RB#0



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



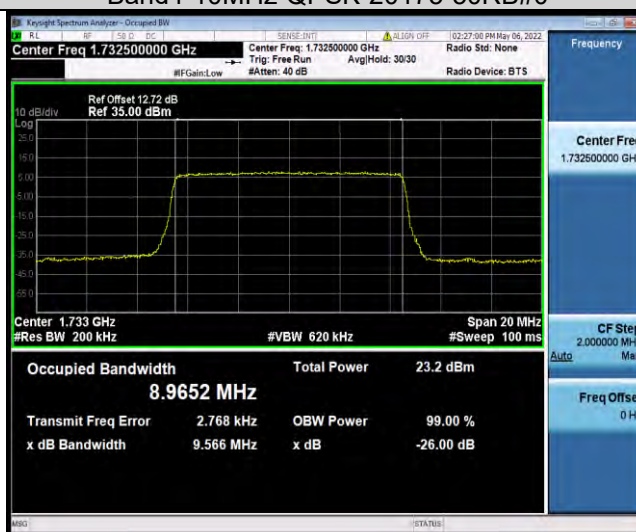
Band4-5MHz-16QAM-20375-25RB#0



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



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



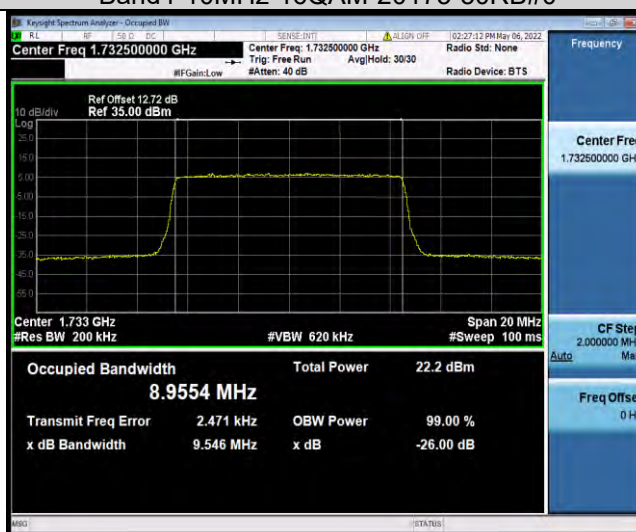
Band4-10MHz-QPSK-20350-50RB#0



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



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



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



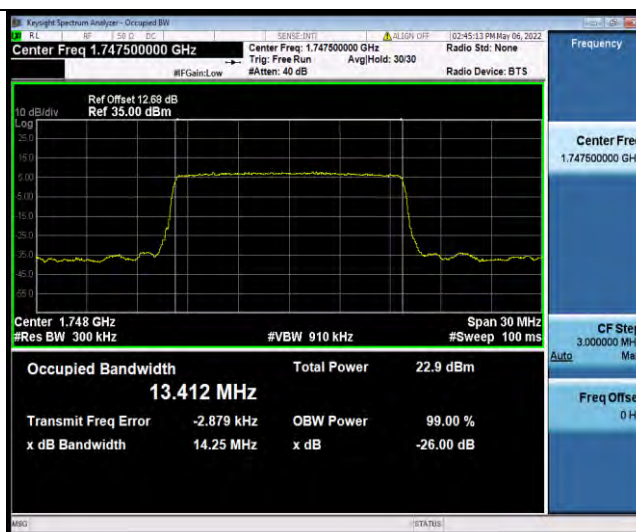
Band4-15MHz-QPSK-20025-75RB#0



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



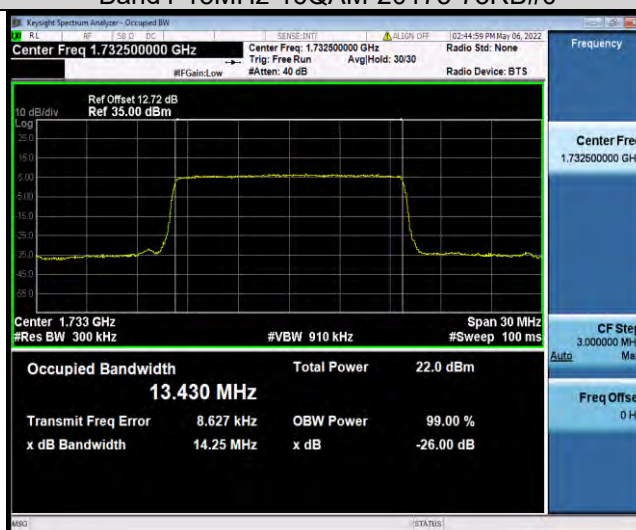
Band4-15MHz-QPSK-20325-75RB#0



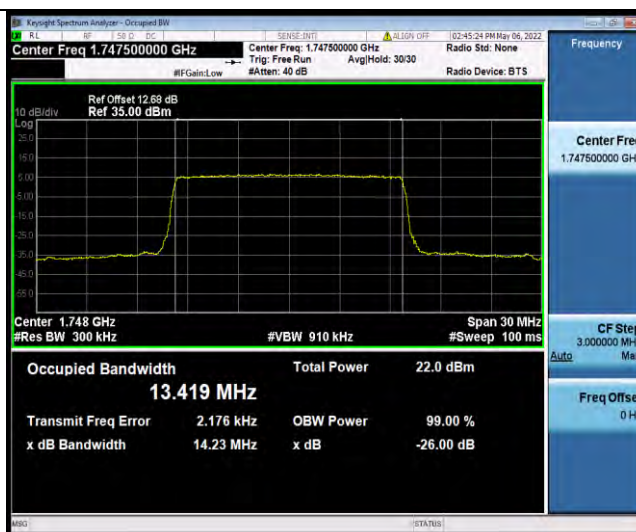
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Band4-15MHz-16QAM-20175-75RB#0



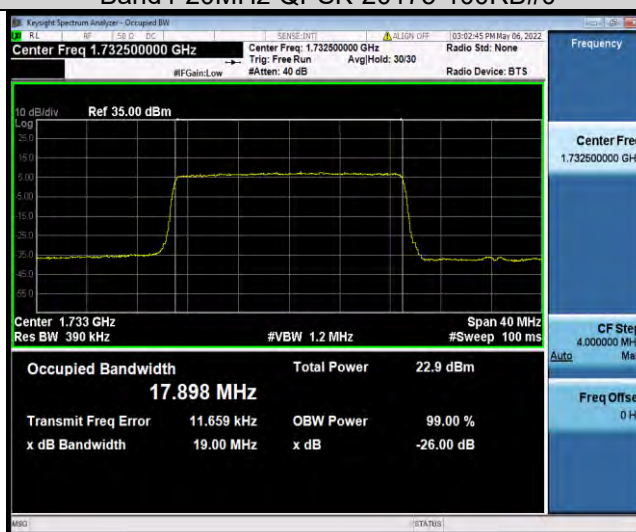
Band4-15MHz-16QAM-20325-75RB#0



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



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



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



BUREAU
VERITAS

Test Report No.: W7L-P22040029RF06



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



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



Band4-20MHz-16QAM-20300-100RB#0



BUREAU
VERITAS

Test Report No.: W7L-P22040029RF06



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-15.70	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-21.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-15.87	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-22.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-19.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-24.21	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-15.74	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.35	PASS
Band4	3MHz	QPSK	19965	1RB#0	-20.04	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	-15.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	-22.64	PASS
Band4	3MHz	16QAM	19965	1RB#0	-21.86	PASS
Band4	3MHz	16QAM	19965	15RB#0	-20.60	PASS
Band4	3MHz	16QAM	20385	1RB#14	-16.22	PASS
Band4	3MHz	16QAM	20385	15RB#0	-22.98	PASS
Band4	5MHz	QPSK	19975	1RB#0	-23.75	PASS
Band4	5MHz	QPSK	19975	25RB#0	-21.54	PASS
Band4	5MHz	QPSK	20375	1RB#24	-13.12	PASS
Band4	5MHz	QPSK	20375	25RB#0	-20.94	PASS
Band4	5MHz	16QAM	19975	1RB#0	-27.59	PASS
Band4	5MHz	16QAM	19975	25RB#0	-22.65	PASS
Band4	5MHz	16QAM	20375	1RB#24	-13.06	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.15	PASS
Band4	10MHz	QPSK	20000	1RB#0	-20.60	PASS
Band4	10MHz	QPSK	20000	50RB#0	-24.10	PASS
Band4	10MHz	QPSK	20350	1RB#49	-21.48	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.87	PASS
Band4	10MHz	16QAM	20000	1RB#0	-19.74	PASS
Band4	10MHz	16QAM	20000	50RB#0	-26.49	PASS
Band4	10MHz	16QAM	20350	1RB#49	-18.10	PASS
Band4	10MHz	16QAM	20350	50RB#0	-27.18	PASS
Band4	15MHz	QPSK	20025	1RB#0	-18.20	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.66	PASS
Band4	15MHz	QPSK	20325	1RB#74	-18.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	-27.10	PASS
Band4	15MHz	16QAM	20025	1RB#0	-18.67	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.18	PASS
Band4	15MHz	16QAM	20325	1RB#74	-19.81	PASS
Band4	15MHz	16QAM	20325	75RB#0	-30.05	PASS
Band4	20MHz	QPSK	20050	1RB#0	-21.51	PASS
Band4	20MHz	QPSK	20050	100RB#0	-29.31	PASS
Band4	20MHz	QPSK	20300	1RB#99	-21.72	PASS
Band4	20MHz	QPSK	20300	100RB#0	-30.17	PASS

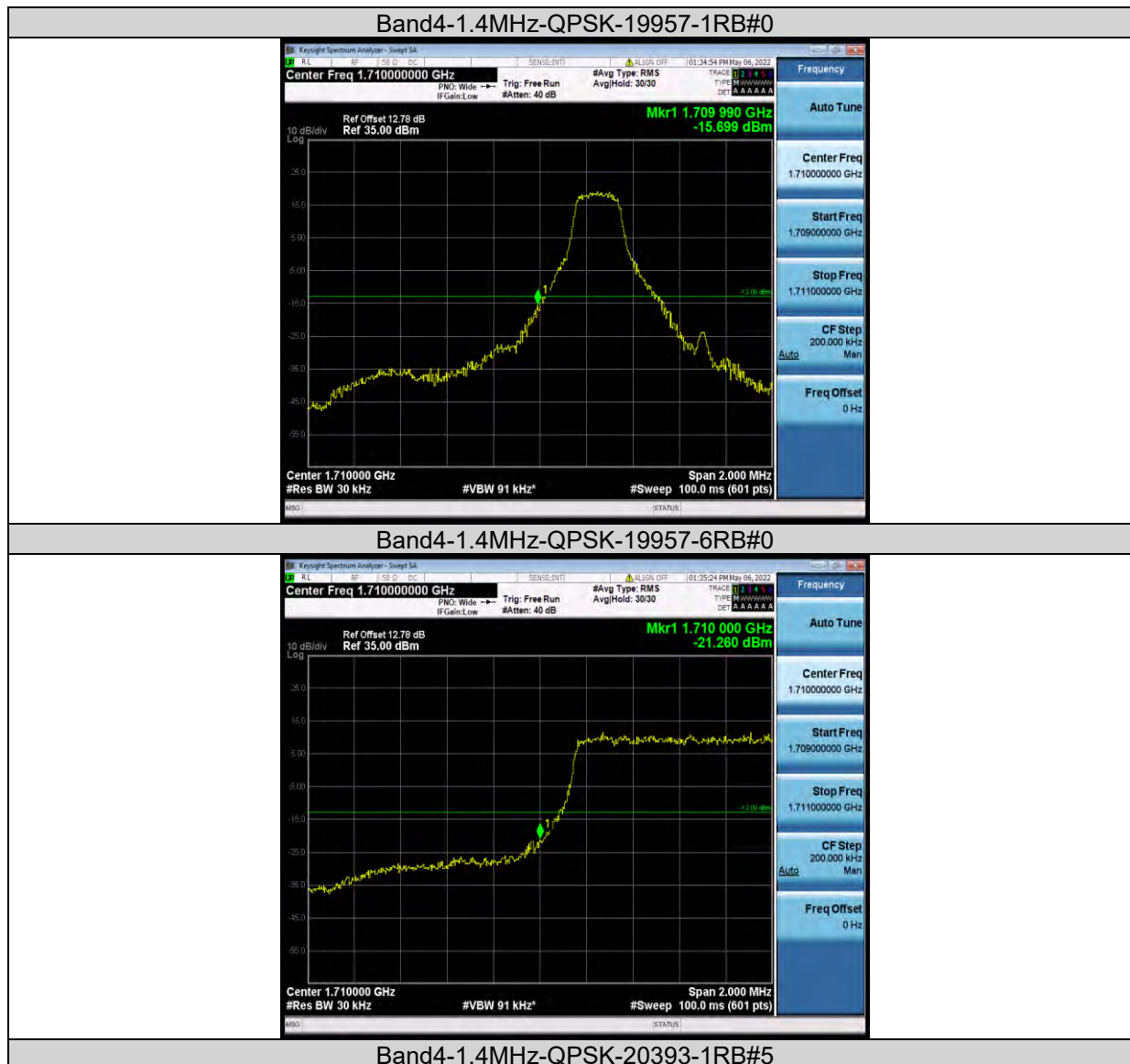


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VERITAS**

Test Report No.: W7L-P22040029RF06

Band4	20MHz	16QAM	20050	1RB#0	-19.95	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.32	PASS
Band4	20MHz	16QAM	20300	1RB#99	-20.79	PASS
Band4	20MHz	16QAM	20300	100RB#0	-29.77	PASS

Test Graphs





Band4-1.4MHz-QPSK-20393-6RB#0



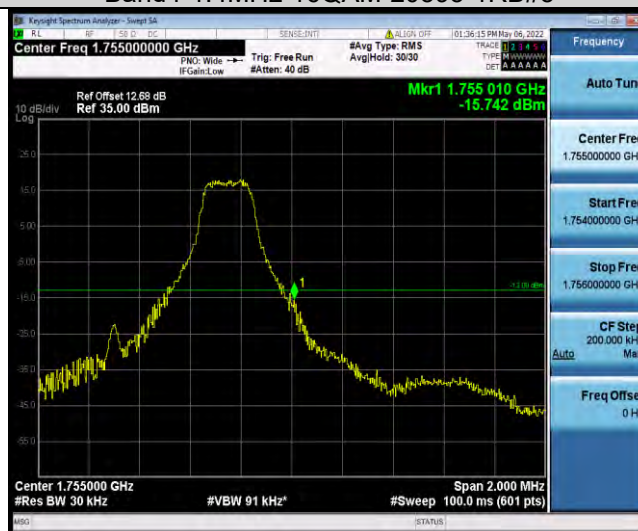
Band4-1.4MHz-16QAM-19957-1RB#0



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



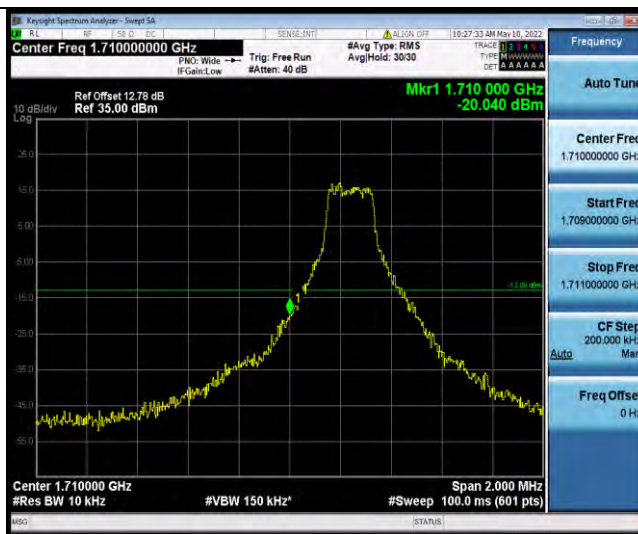
Band4-1.4MHz-16QAM-20393-1RB#5



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



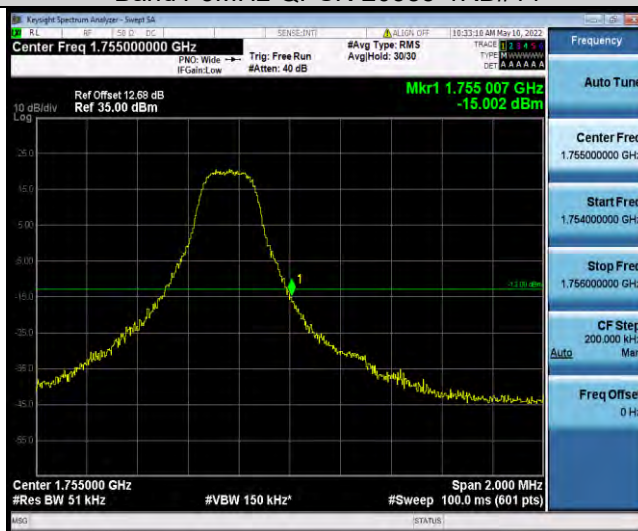
Band4-3MHz-QPSK-19965-1RB#0



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



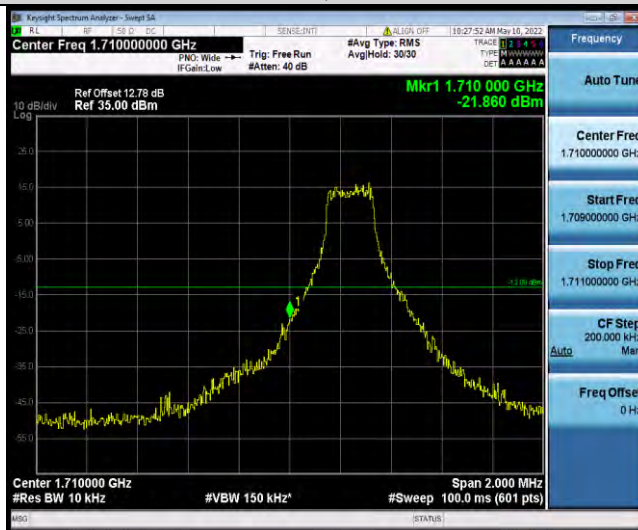
Band4-3MHz-QPSK-20385-1RB#14



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



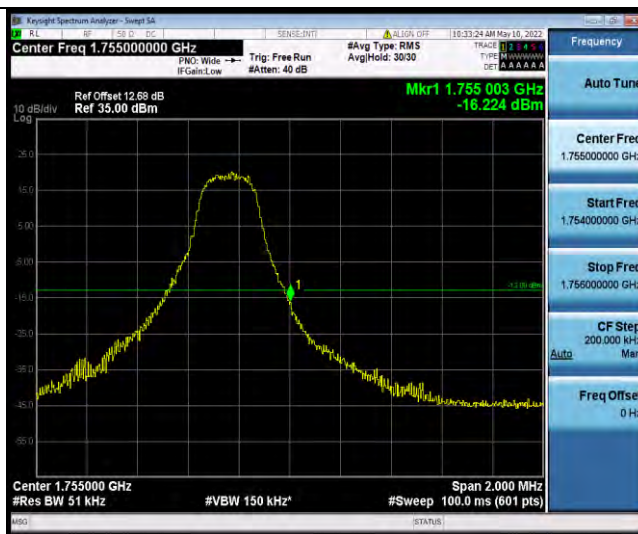
Band4-3MHz-16QAM-19965-1RB#0



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



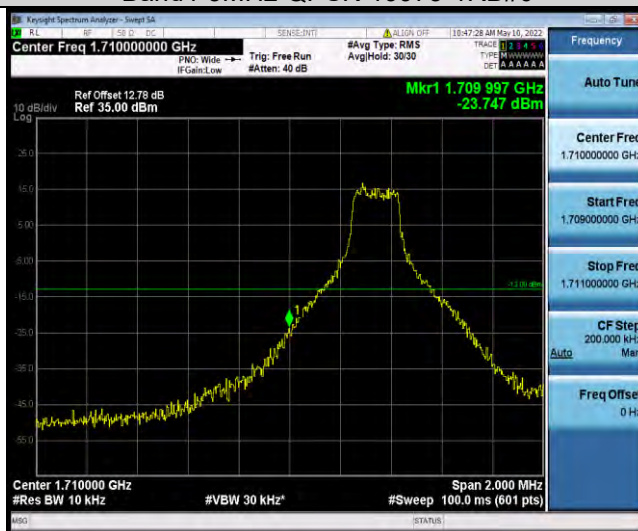
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Band4-3MHz-16QAM-20385-15RB#0



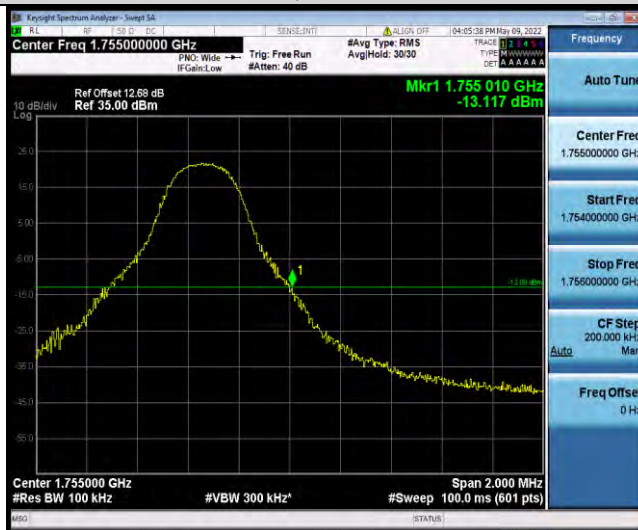
Band4-5MHz-QPSK-19975-1RB#0



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



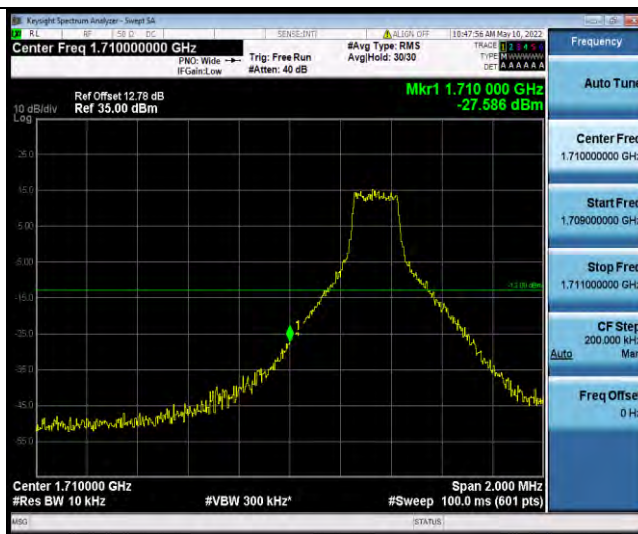
Band4-5MHz-QPSK-20375-1RB#24



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



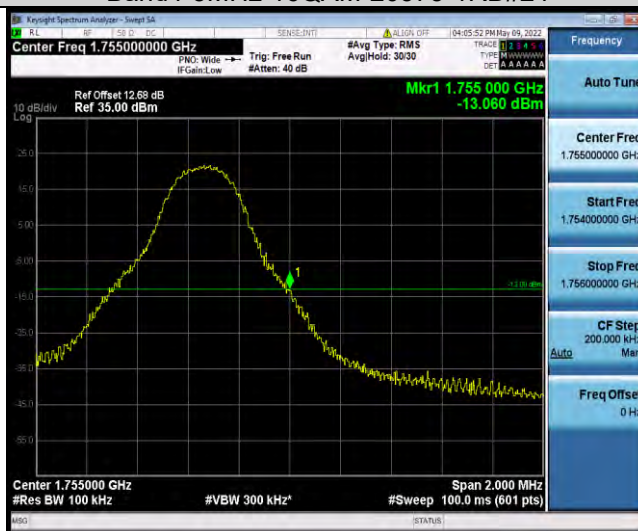
Band4-5MHz-16QAM-19975-1RB#0



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



Band4-5MHz-16QAM-20375-1RB#24



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



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



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



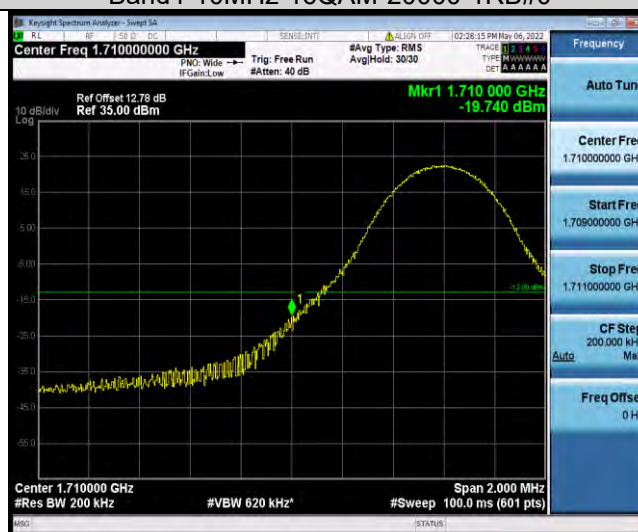
Band4-10MHz-QPSK-20350-1RB#49



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



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



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



Band4-10MHz-16QAM-20350-1RB#49



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



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



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



Band4-15MHz-QPSK-20325-1RB#74



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



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



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



Band4-15MHz-16QAM-20325-1RB#74



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



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



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



Band4-20MHz-QPSK-20300-1RB#99



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



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