

Appendix-C LTE Band 2

Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	23.31	24.31	33.01	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.44	24.44	33.01	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.37	24.37	33.01	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.32	23.32	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	24.17	25.17	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	24.34	25.34	33.01	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.87	24.87	33.01	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.90	23.90	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	23.89	24.89	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.81	24.81	33.01	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.59	24.59	33.01	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.58	23.58	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.42	23.42	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.68	23.68	33.01	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.32	23.32	33.01	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.37	22.37	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.00	24.00	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.23	24.23	33.01	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.93	23.93	33.01	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	21.96	22.96	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	22.66	23.66	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.61	23.61	33.01	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	22.34	23.34	33.01	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	21.42	22.42	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.28	24.28	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.33	24.33	33.01	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.12	24.12	33.01	PASS
Band2	3MHz	QPSK	18615	15RB#0	22.29	23.29	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#0	24.00	25.00	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#8	23.74	24.74	33.01	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.70	24.70	33.01	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.93	23.93	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#0	23.93	24.93	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.73	24.73	33.01	PASS
Band2	3MHz	QPSK	19185	1RB#14	23.87	24.87	33.01	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.66	23.66	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.38	23.38	33.01	PASS

Band2	3MHz	16QAM	18615	1RB#8	22.26	23.26	33.01	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.36	23.36	33.01	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.36	22.36	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.94	23.94	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.90	23.90	33.01	PASS
Band2	3MHz	16QAM	18900	1RB#14	22.73	23.73	33.01	PASS
Band2	3MHz	16QAM	18900	15RB#0	22.10	23.10	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#0	22.67	23.67	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#8	22.58	23.58	33.01	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.34	23.34	33.01	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.59	22.59	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.34	24.34	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.51	24.51	33.01	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.17	24.17	33.01	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.45	23.45	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.00	25.00	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.94	24.94	33.01	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.78	24.78	33.01	PASS
Band2	5MHz	QPSK	18900	25RB#0	22.93	23.93	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#0	23.53	24.53	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.57	24.57	33.01	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.23	24.23	33.01	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.58	23.58	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#0	22.36	23.36	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.31	23.31	33.01	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.28	23.28	33.01	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.51	22.51	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.81	23.81	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.76	23.76	33.01	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.64	23.64	33.01	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.11	23.11	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#0	22.48	23.48	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.89	23.89	33.01	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.35	23.35	33.01	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.56	22.56	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.48	24.48	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.09	24.09	33.01	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.22	24.22	33.01	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.40	23.40	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#0	23.94	24.94	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#24	24.14	25.14	33.01	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.37	24.37	33.01	PASS
Band2	10MHz	QPSK	18900	50RB#0	22.80	23.80	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#0	23.46	24.46	33.01	PASS

Band2	10MHz	QPSK	19150	1RB#24	23.77	24.77	33.01	PASS
Band2	10MHz	QPSK	19150	1RB#49	23.49	24.49	33.01	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.58	23.58	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.78	23.78	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.45	23.45	33.01	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.23	23.23	33.01	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.40	22.40	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.95	23.95	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.05	24.05	33.01	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.55	23.55	33.01	PASS
Band2	10MHz	16QAM	18900	50RB#0	21.85	22.85	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.48	23.48	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.80	23.80	33.01	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.53	23.53	33.01	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.55	22.55	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.93	23.93	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.33	24.33	33.01	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.11	24.11	33.01	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.35	23.35	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.63	24.63	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.91	24.91	33.01	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.24	24.24	33.01	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.86	23.86	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.29	24.29	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.43	24.43	33.01	PASS
Band2	15MHz	QPSK	19125	1RB#74	23.22	24.22	33.01	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.50	23.50	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.44	23.44	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.31	23.31	33.01	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.36	23.36	33.01	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.38	22.38	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.74	23.74	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.94	23.94	33.01	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.37	23.37	33.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.91	22.91	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.25	23.25	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.68	23.68	33.01	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.47	23.47	33.01	PASS
Band2	15MHz	16QAM	19125	75RB#0	21.59	22.59	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.24	24.24	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.44	24.44	33.01	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.56	24.56	33.01	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.45	23.45	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.75	24.75	33.01	PASS

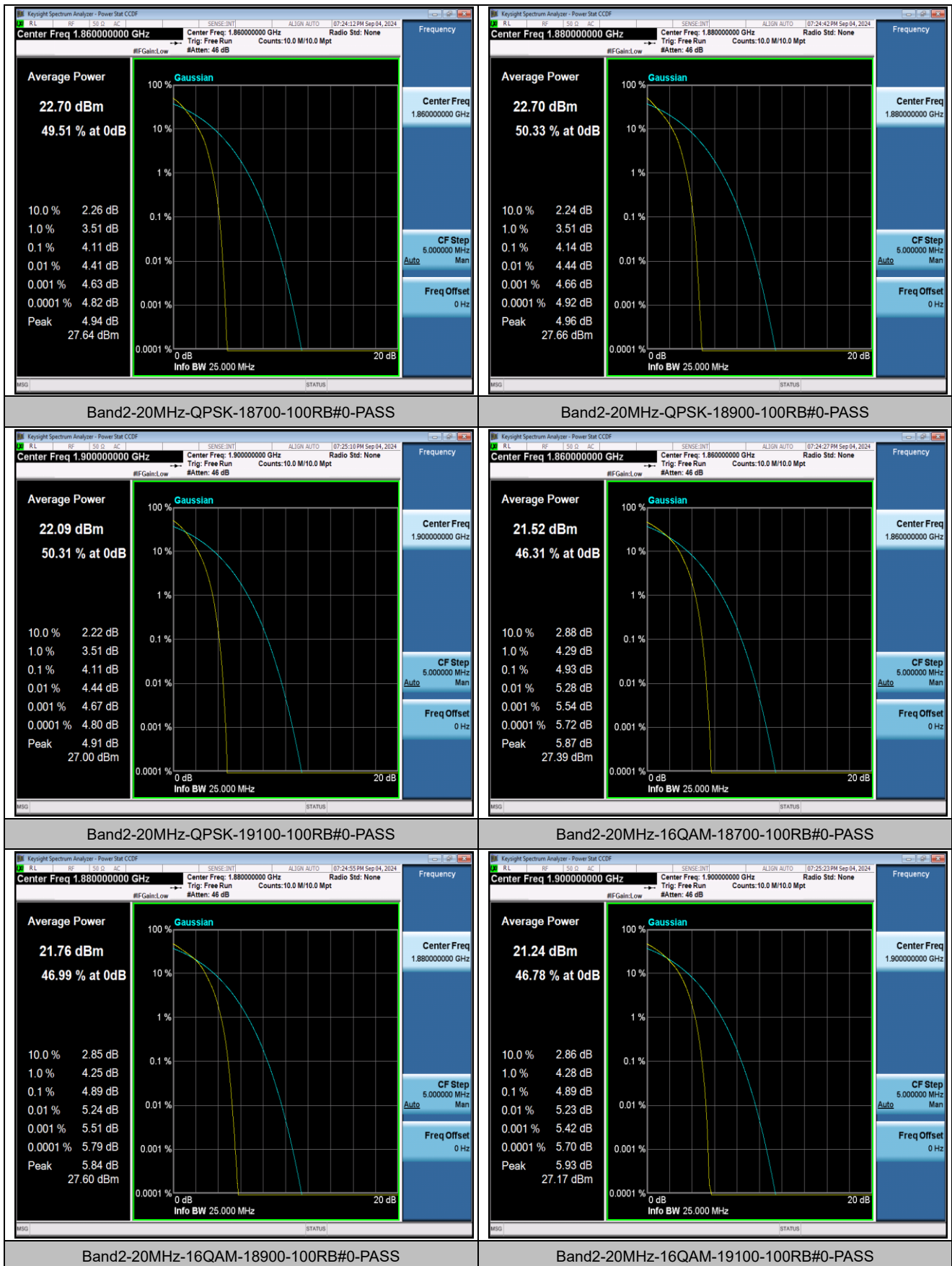
Band2	20MHz	QPSK	18900	1RB#49	24.27	25.27	33.01	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.67	24.67	33.01	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.82	23.82	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.75	24.75	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.68	24.68	33.01	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.55	24.55	33.01	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.42	23.42	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.66	23.66	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.67	23.67	33.01	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.66	23.66	33.01	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.49	22.49	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.00	24.00	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.59	24.59	33.01	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.49	23.49	33.01	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.88	22.88	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.89	23.89	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.32	24.32	33.01	PASS
Band2	20MHz	16QAM	19100	1RB#99	22.57	23.57	33.01	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.47	22.47	33.01	PASS

Peak-to-Average Ratio

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.11	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	4.14	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.11	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	4.93	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	4.89	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	4.89	13	PASS

Test Graphs

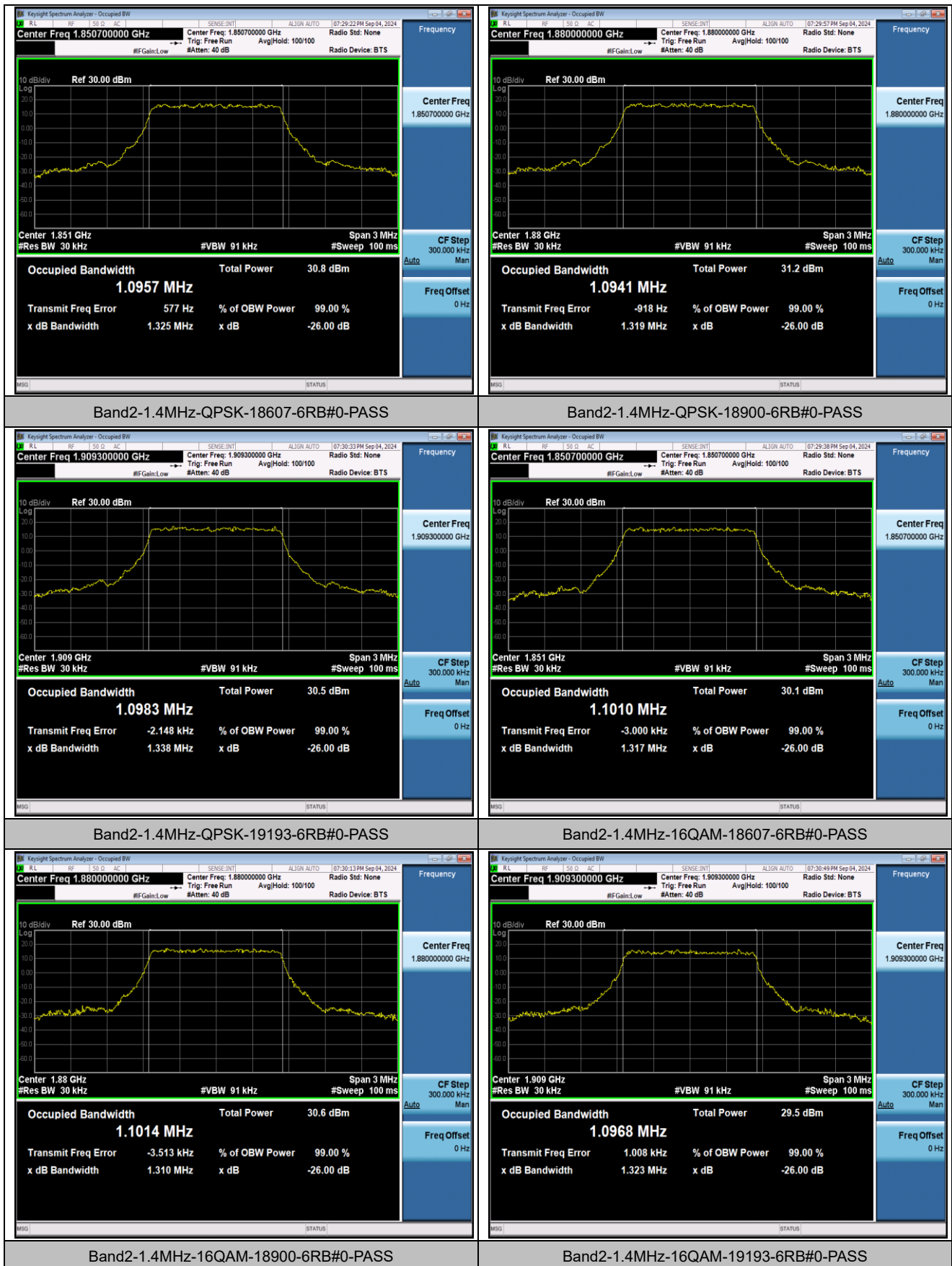


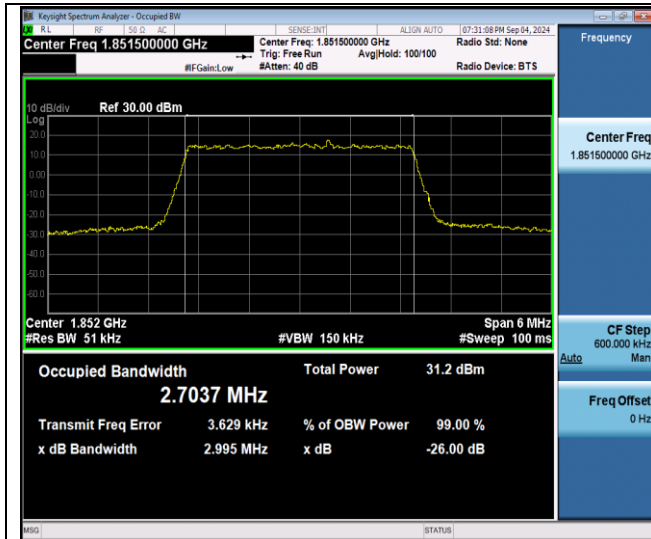
26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0957	1.325	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0941	1.319	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0983	1.338	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1010	1.317	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1014	1.310	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0968	1.323	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7037	2.995	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7049	3.012	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7010	2.985	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6951	2.978	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6937	2.983	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6978	2.982	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5115	5.033	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5075	5.043	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.4998	5.022	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5074	5.023	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5070	4.996	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5149	5.047	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9791	10.06	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9674	10.02	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9564	9.908	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9813	9.900	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9761	9.912	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9557	9.918	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.476	14.84	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.482	14.88	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.375	14.76	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.451	14.73	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.468	14.71	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.392	14.75	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.900	19.46	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.905	19.59	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.856	19.63	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.923	19.48	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.948	19.59	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.798	19.40	PASS

Test Graphs

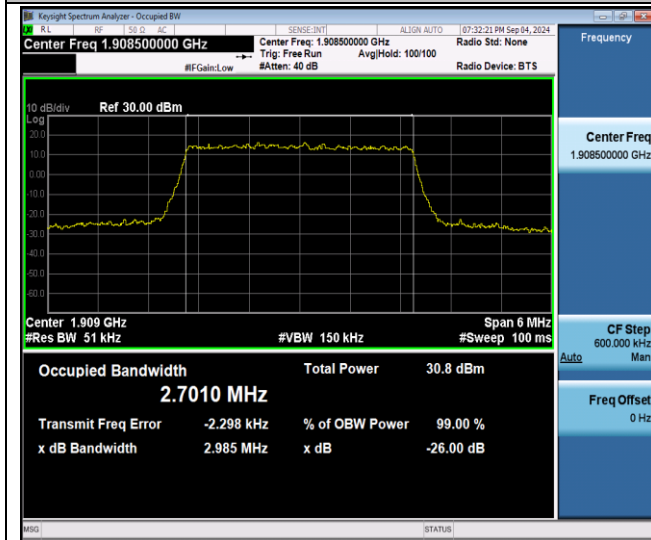




Band2-3MHz-QPSK-18615-15RB#0-PASS



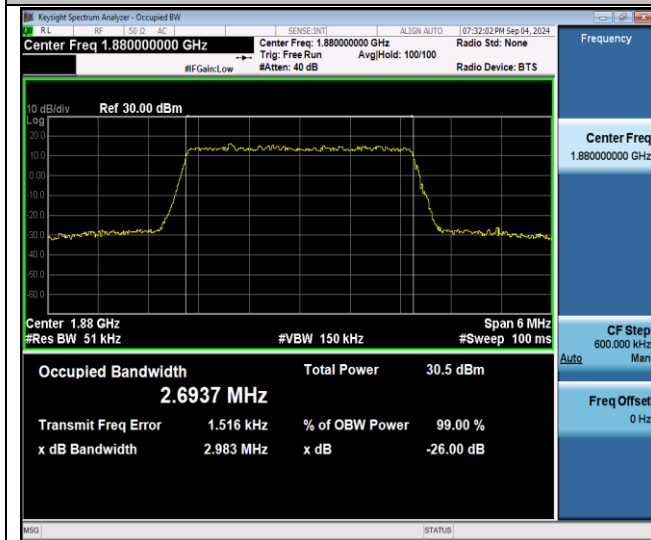
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Band2-3MHz-QPSK-19085-15RB#0-PASS



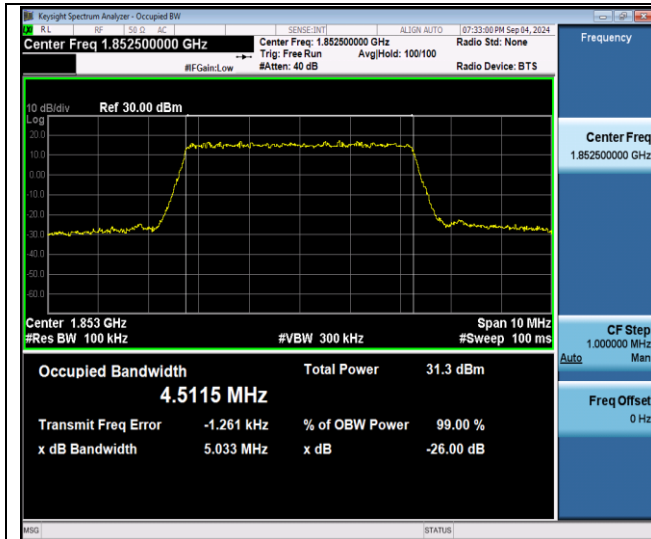
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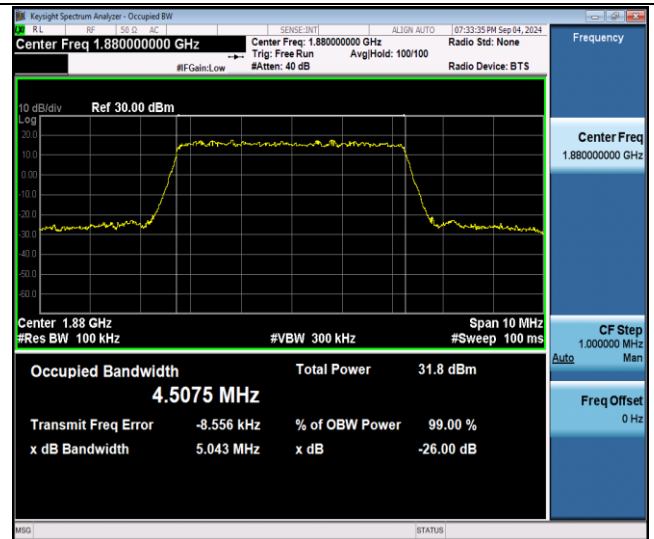
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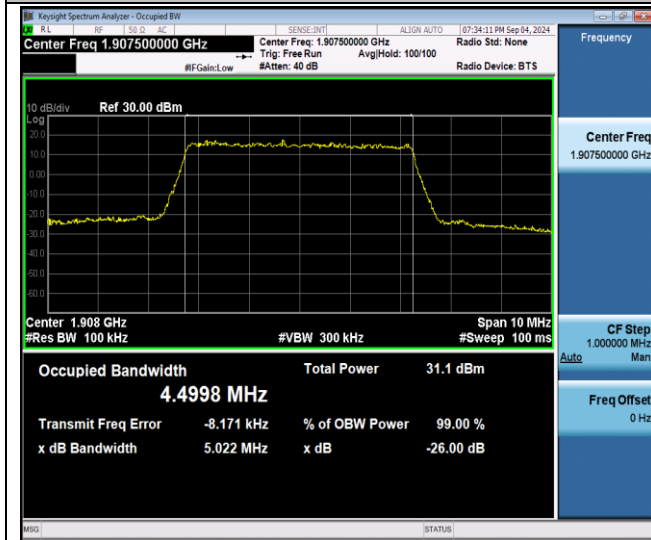
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Band2-5MHz-QPSK-18625-25RB#0-PASS



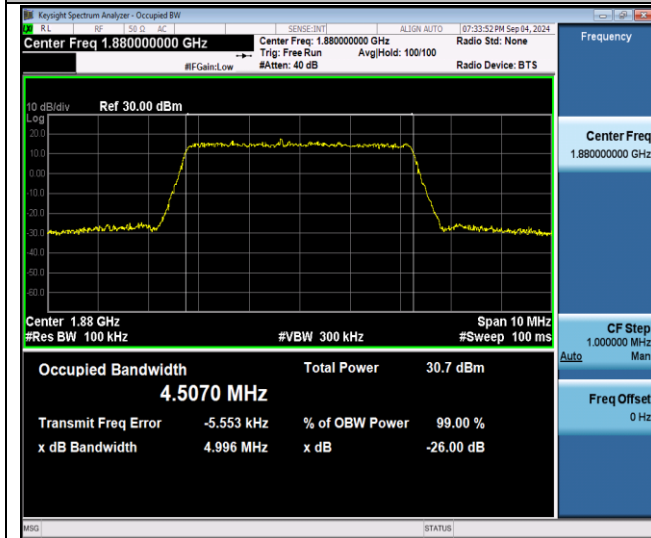
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Band2-5MHz-QPSK-19175-25RB#0-PASS



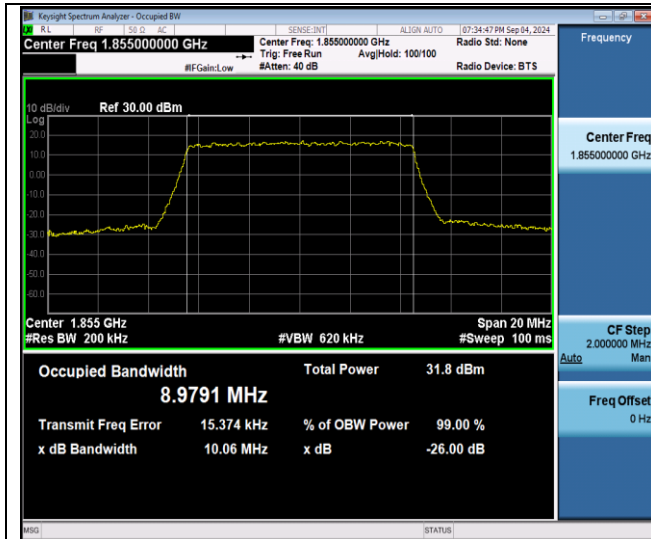
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Band2-5MHz-16QAM-18900-25RB#0-PASS



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



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



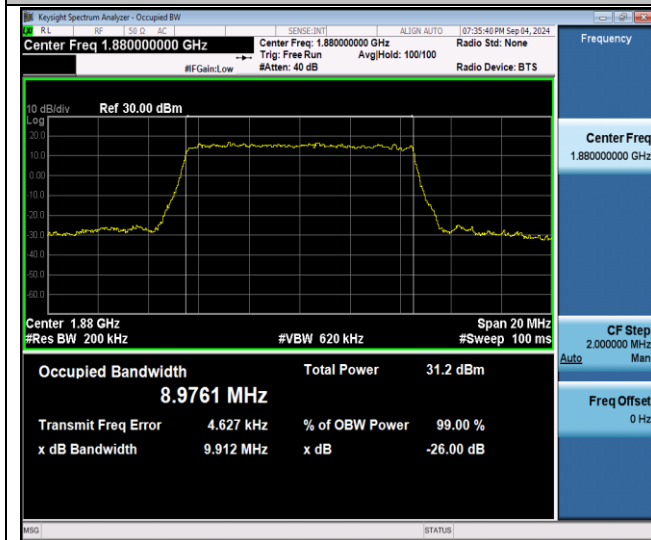
Band2-10MHz-QPSK-18900-50RB#0-PASS



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



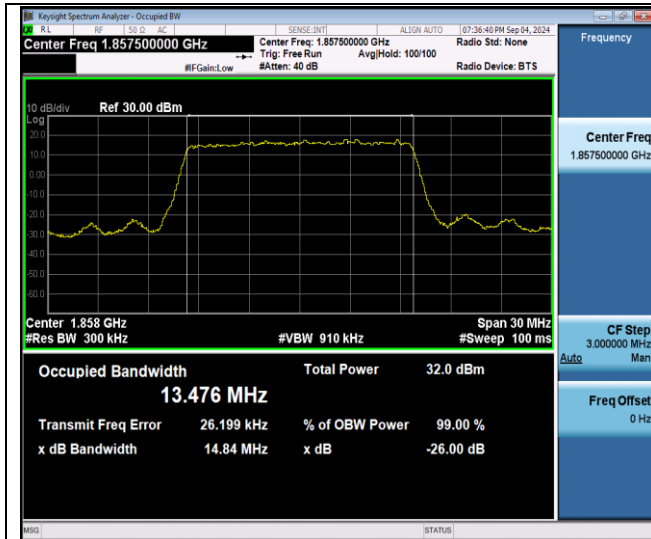
Band2-10MHz-16QAM-18650-50RB#0-PASS



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



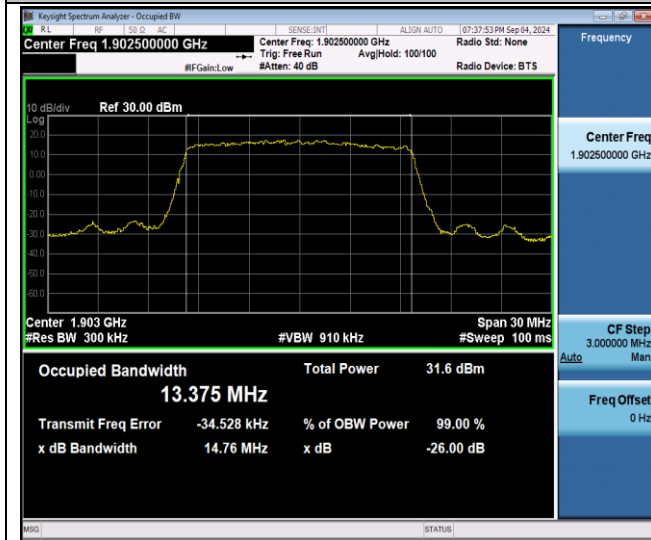
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Band2-15MHz-QPSK-18675-75RB#0-PASS



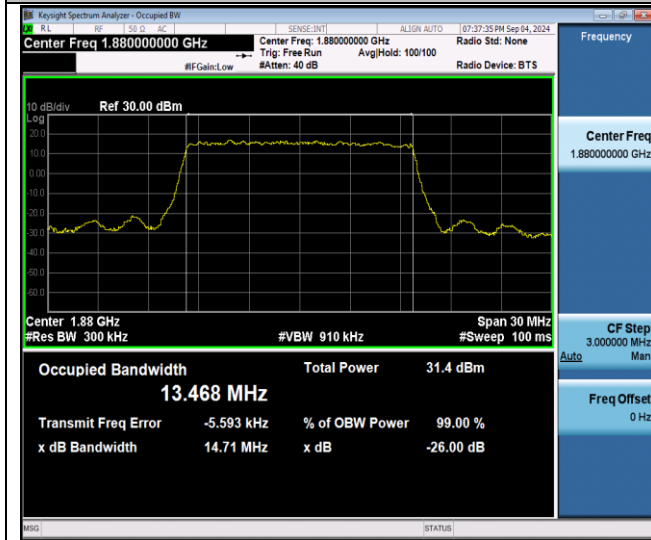
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Band2-15MHz-QPSK-19125-75RB#0-PASS



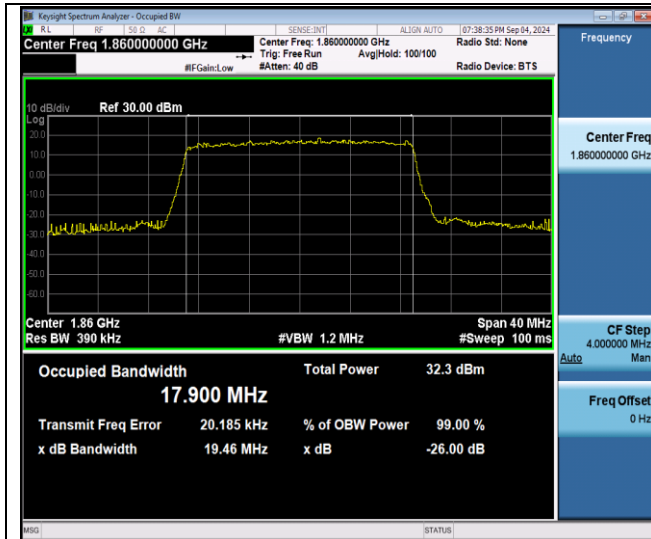
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Band2-15MHz-16QAM-18900-75RB#0-PASS



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



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



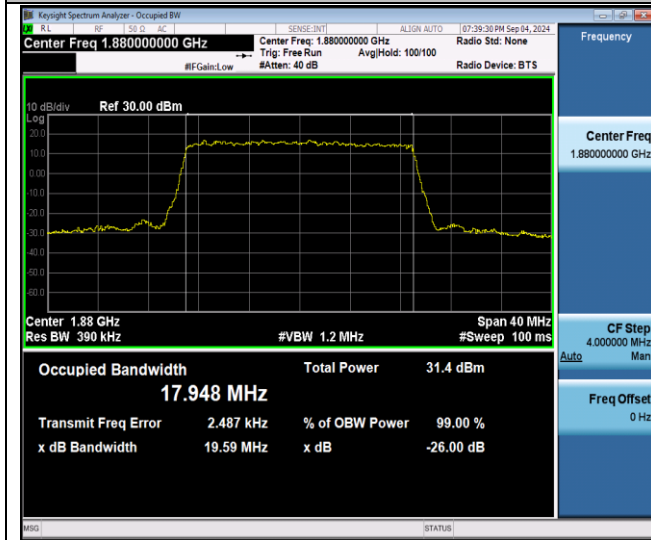
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Band2-20MHz-QPSK-19100-100RB#0-PASS



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



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



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