



Shenzhen GUOREN Certification Technology Service Co., Ltd.

101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

No.:GRCTR250502026-01

Appendix C: 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	1.1002	1.327	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0973	1.332	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0950	1.325	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0966	1.325	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0994	1.314	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1023	1.322	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7087	3.152	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7154	3.137	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7037	3.099	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7054	3.181	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7039	3.172	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6980	3.123	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5336	5.585	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5329	5.487	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5267	5.541	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5263	5.552	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5334	5.550	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5445	5.585	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0066	10.40	PASS
Band2	10MHz	16QAM	18650	27RB#0	5.0625	6.660	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0306	10.57	PASS
Band2	10MHz	16QAM	18900	27RB#0	5.0424	6.490	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0666	10.86	PASS
Band2	10MHz	16QAM	19150	27RB#0	5.0239	6.513	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.467	15.50	PASS
Band2	15MHz	16QAM	18675	27RB#0	5.3029	7.661	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.503	16.26	PASS
Band2	15MHz	16QAM	18900	27RB#0	5.3477	7.758	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.547	16.06	PASS
Band2	15MHz	16QAM	19125	27RB#0	5.2415	7.511	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.866	20.24	PASS
Band2	20MHz	16QAM	18700	27RB#0	5.5095	7.862	PASS



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Band2	20MHz	QPSK	18900	100RB#0	17.986	20.51	PASS
Band2	20MHz	16QAM	18900	27RB#0	5.5691	8.145	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.932	20.03	PASS
Band2	20MHz	16QAM	19100	27RB#0	5.4953	8.024	PASS

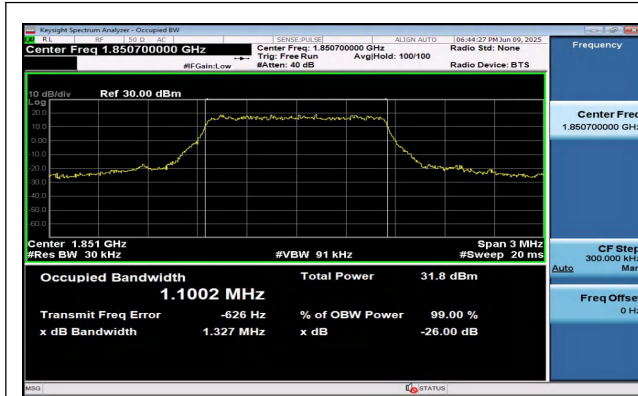


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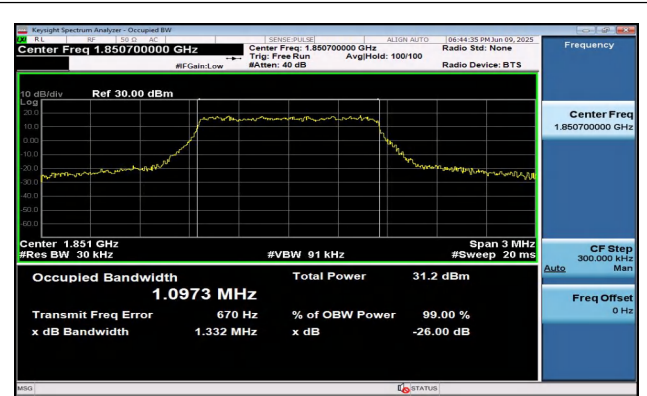
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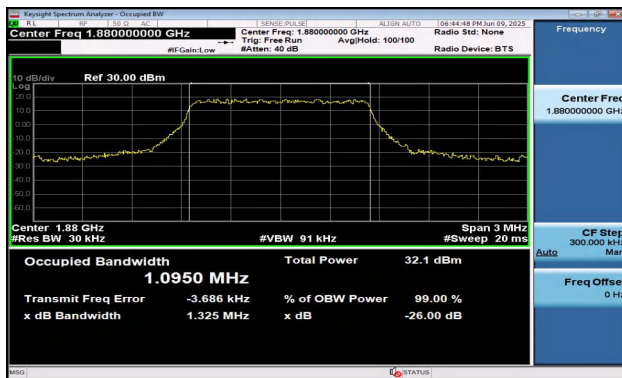
Test Graphs



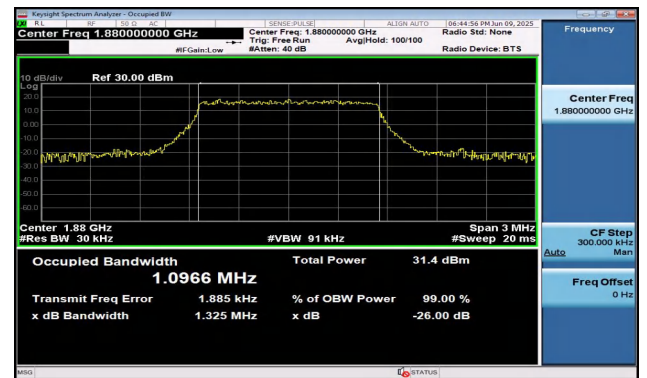
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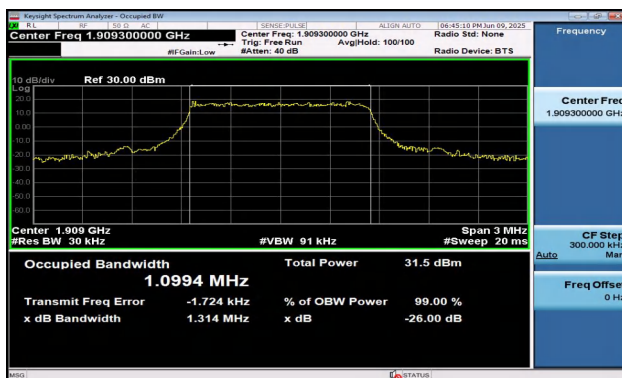
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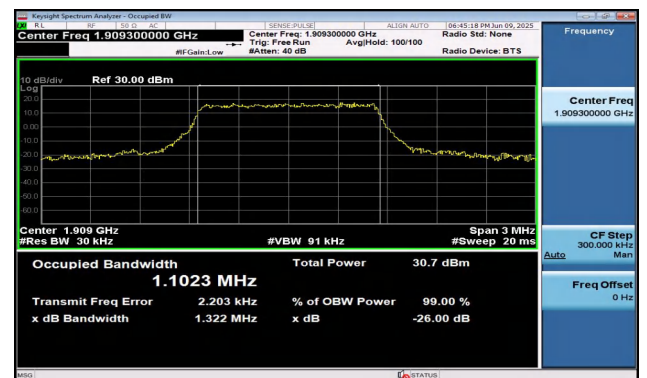
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Band2-1.4MHz-16QAM-18900-6RB#0-PASS



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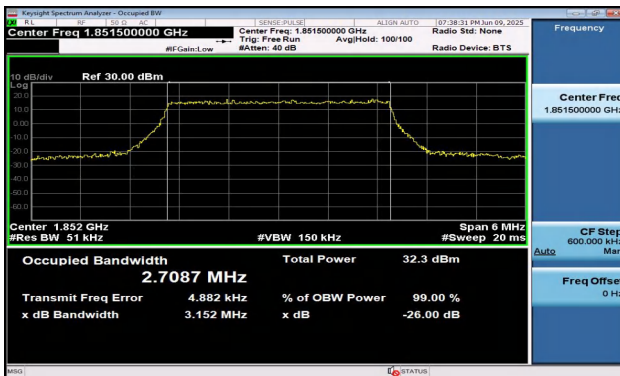
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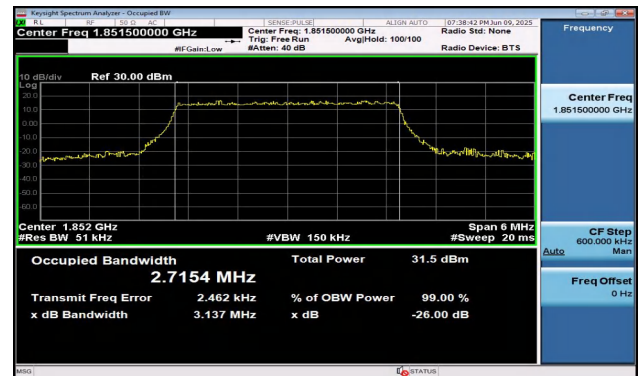
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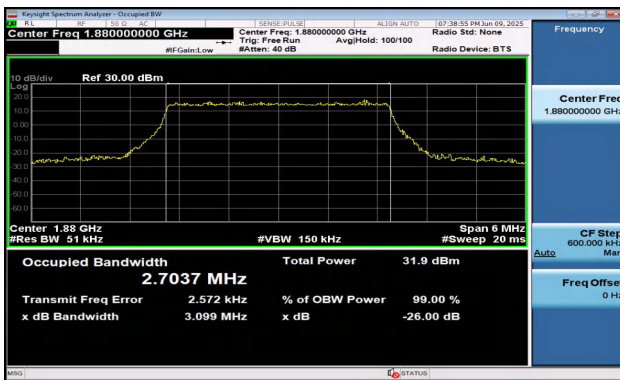
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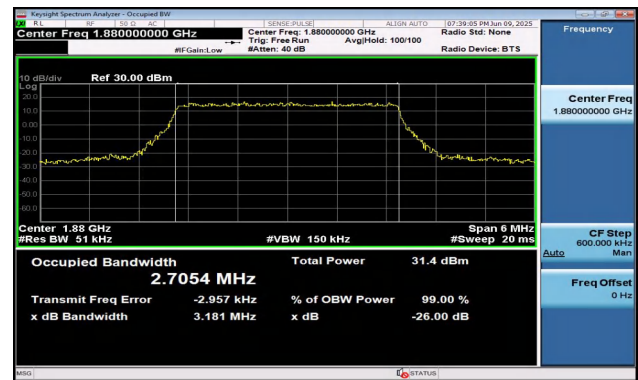
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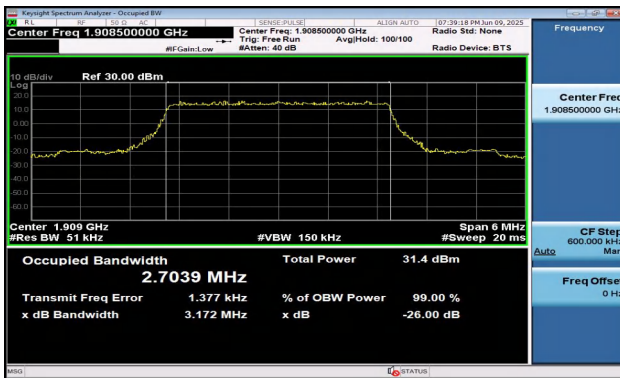
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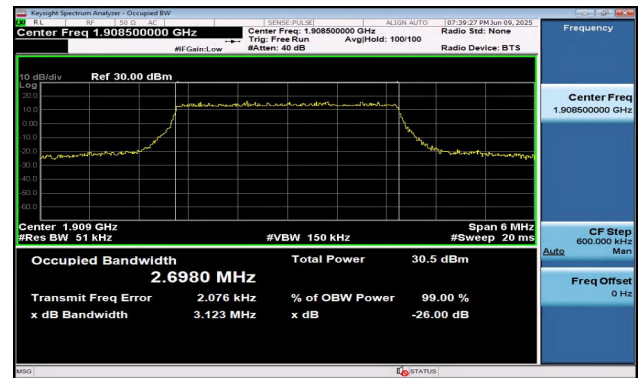
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Band2-3MHz-16QAM-18900-15RB#0-PASS



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



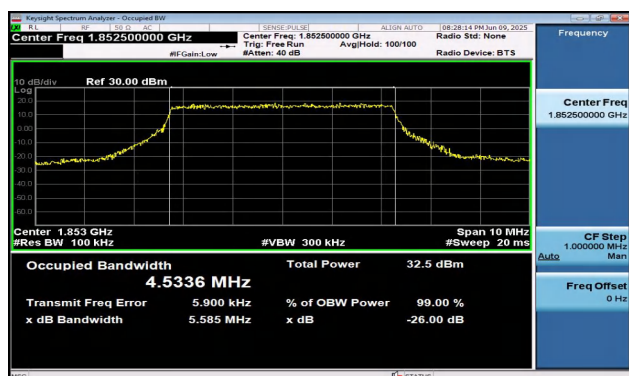
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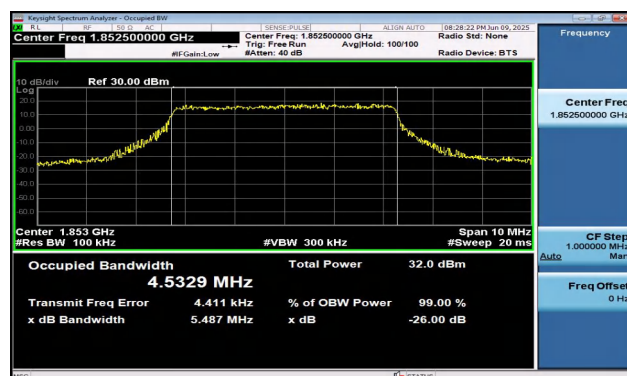
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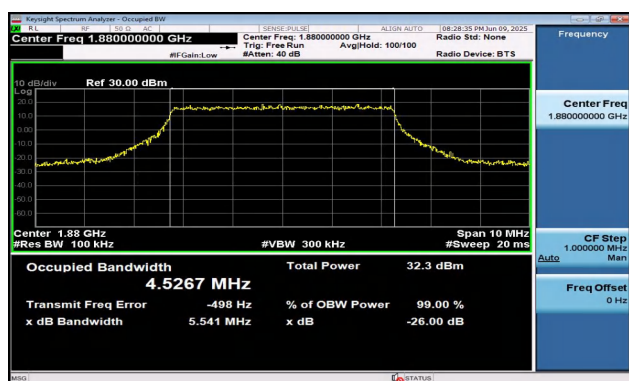
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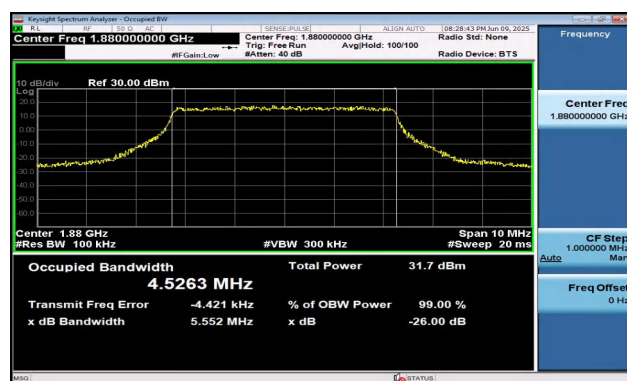
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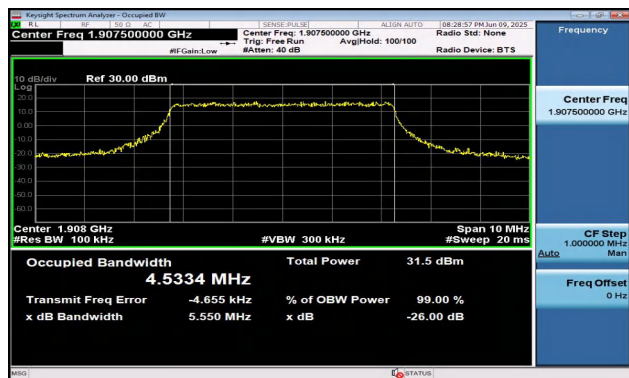
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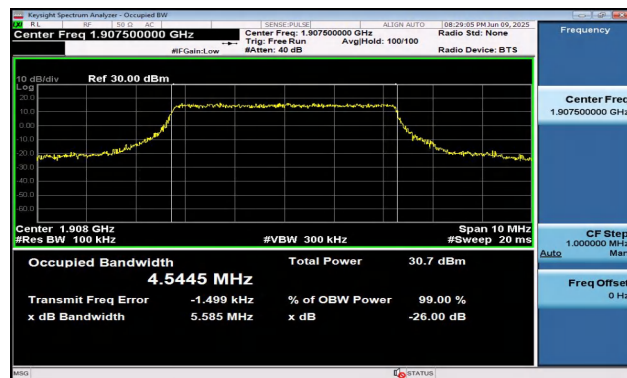
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Band2-5MHz-16QAM-18900-25RB#0-PASS



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



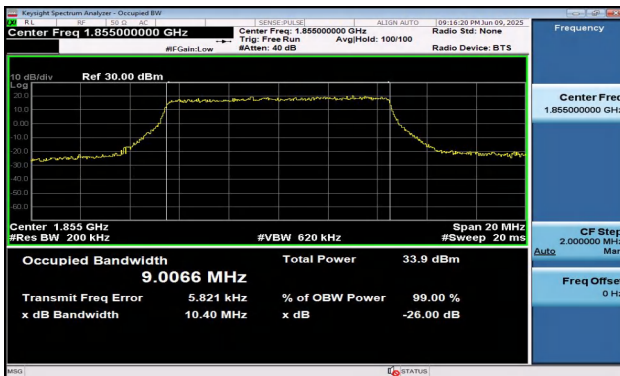
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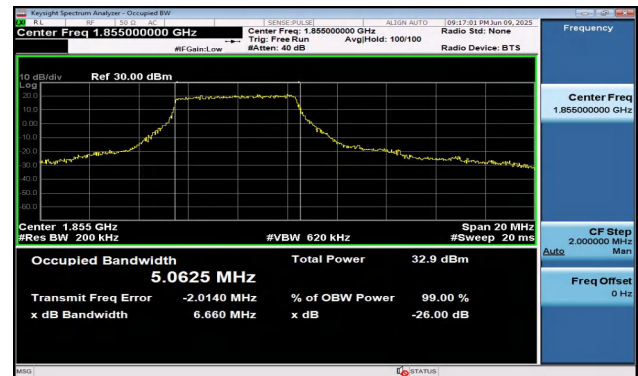
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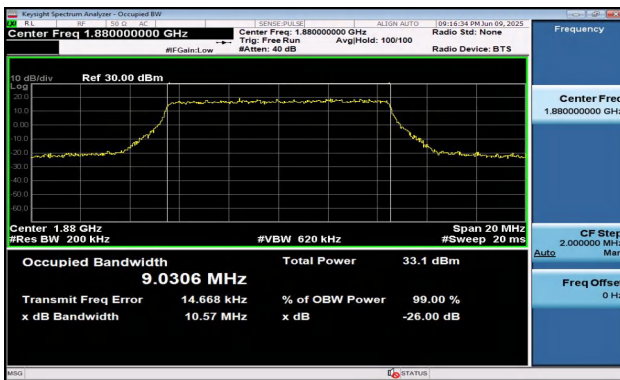
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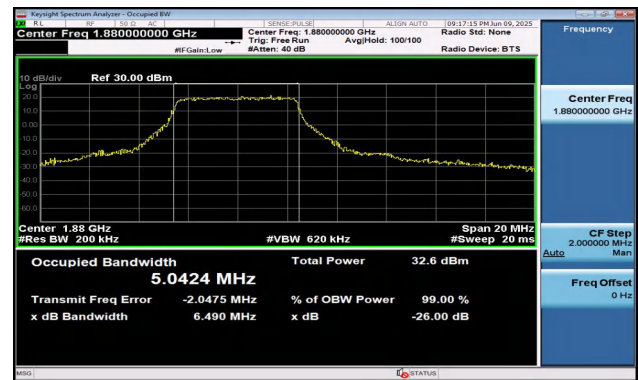
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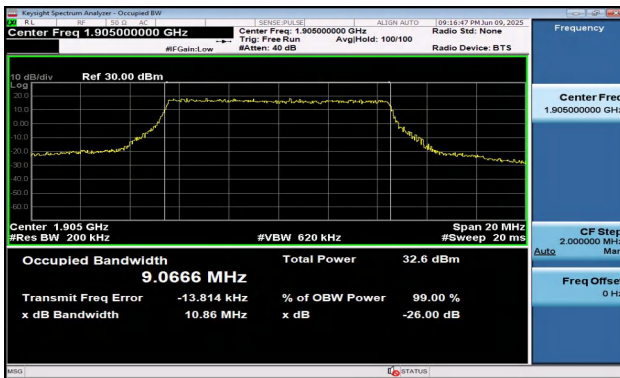
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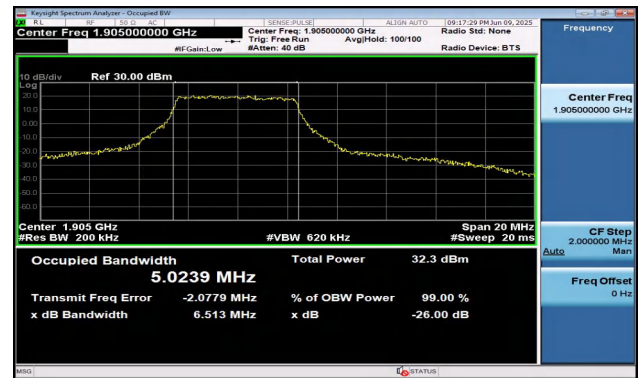
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Band2-10MHz-16QAM-18900-27RB#0-PASS



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



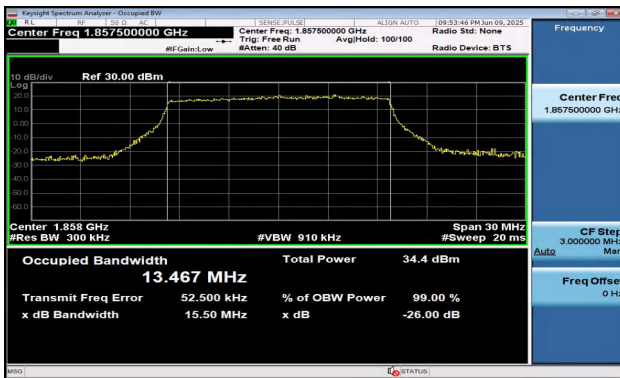
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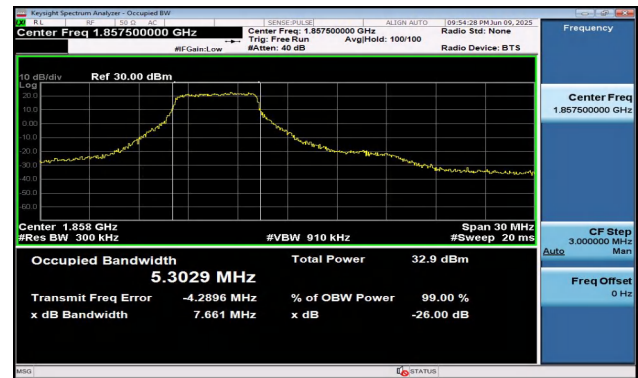
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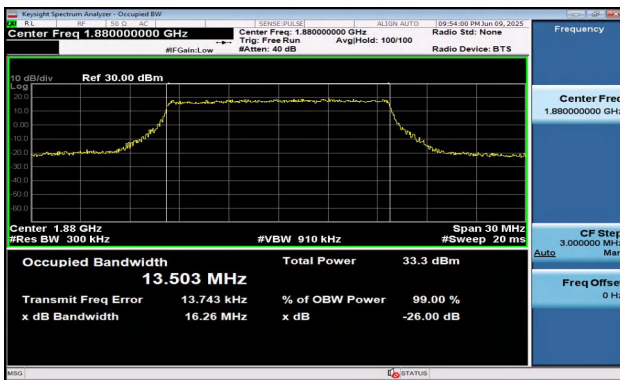
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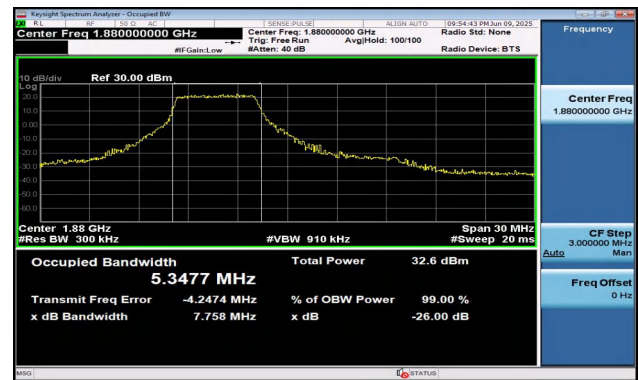
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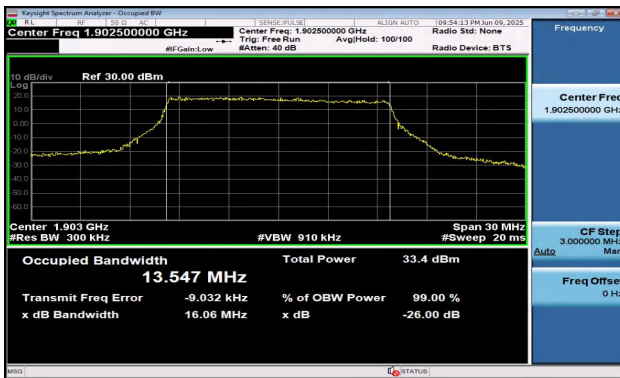
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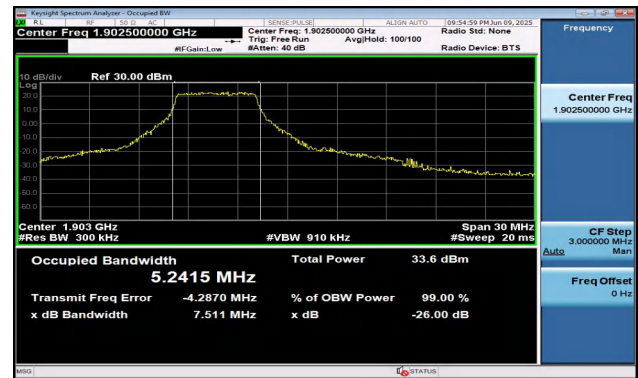
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Band2-15MHz-16QAM-18900-27RB#0-PASS



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



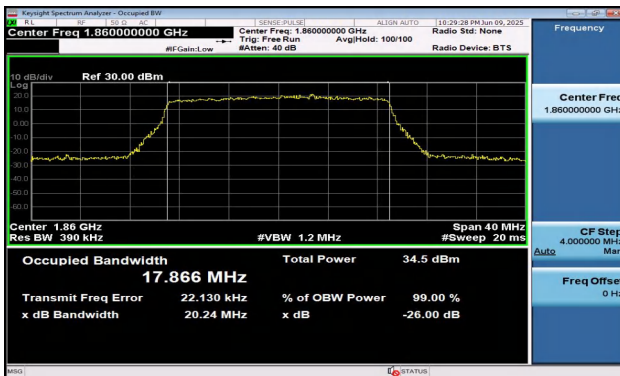
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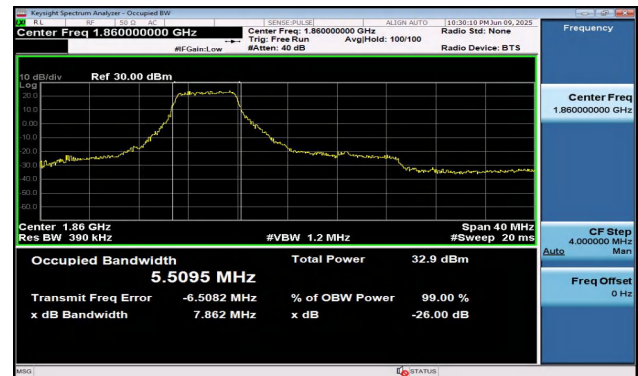
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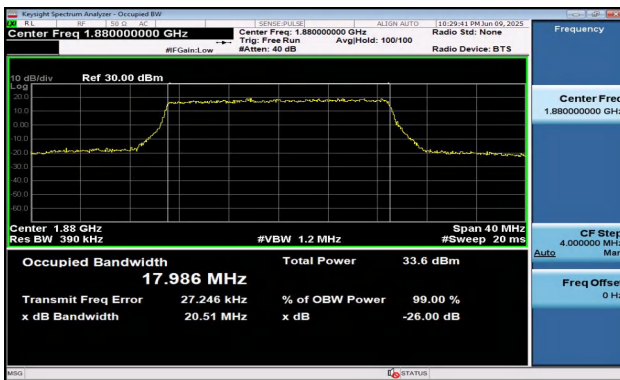
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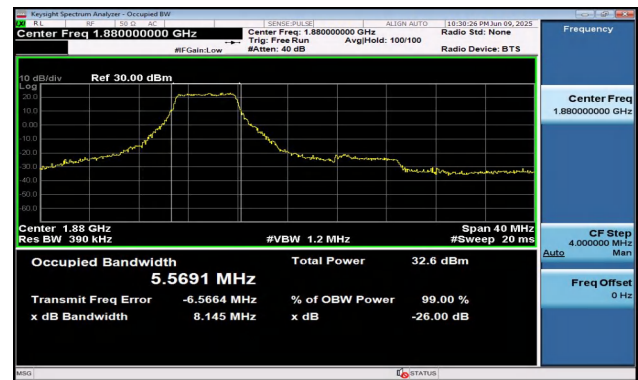
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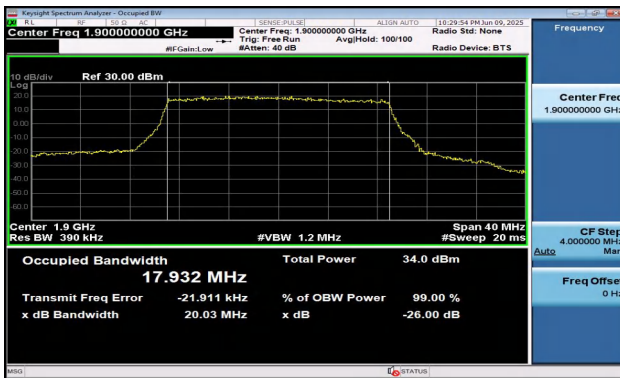
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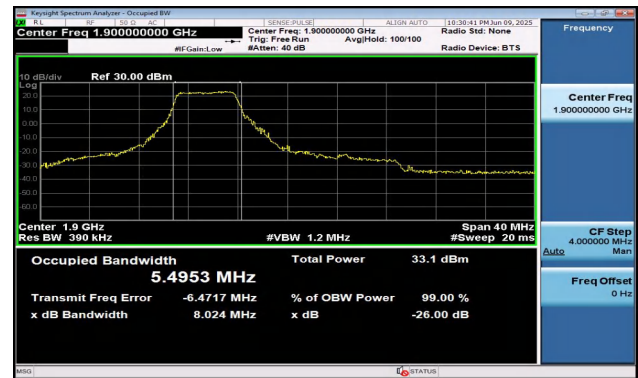
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Band2-20MHz-16QAM-18900-27RB#0-PASS



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



Band2-20MHz-16QAM-19100-27RB#0-PASS



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-16.53	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-44.23	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-24.88	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-22.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-42.74	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.25	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-43.04	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-14.99	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-21.03	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-42.88	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-20.65	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-25.55	PASS
Band2	3MHz	QPSK	18615	1RB#0	-19.08	PASS
Band2	3MHz	QPSK	18615	1RB#14	-53.99	PASS
Band2	3MHz	QPSK	18615	15RB#0	-26.06	PASS
Band2	3MHz	16QAM	18615	1RB#0	-20.22	PASS
Band2	3MHz	16QAM	18615	1RB#14	-54.03	PASS
Band2	3MHz	16QAM	18615	15RB#0	-26.51	PASS
Band2	3MHz	QPSK	19185	1RB#0	-51.09	PASS
Band2	3MHz	QPSK	19185	1RB#14	-16.48	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.21	PASS
Band2	3MHz	16QAM	19185	1RB#0	-54.49	PASS
Band2	3MHz	16QAM	19185	1RB#14	-21.65	PASS
Band2	3MHz	16QAM	19185	15RB#0	-27.29	PASS
Band2	5MHz	QPSK	18625	1RB#0	-22.77	PASS
Band2	5MHz	QPSK	18625	1RB#24	-53.53	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.77	PASS
Band2	5MHz	16QAM	18625	1RB#0	-22.81	PASS
Band2	5MHz	16QAM	18625	1RB#24	-53.61	PASS
Band2	5MHz	16QAM	18625	25RB#0	-30.30	PASS
Band2	5MHz	QPSK	19175	1RB#0	-52.51	PASS
Band2	5MHz	QPSK	19175	1RB#24	-19.72	PASS
Band2	5MHz	QPSK	19175	25RB#0	-27.88	PASS
Band2	5MHz	16QAM	19175	1RB#0	-53.75	PASS



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Band2	5MHz	16QAM	19175	1RB#24	-22.86	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.29	PASS
Band2	10MHz	QPSK	18650	1RB#0	-34.30	PASS
Band2	10MHz	QPSK	18650	1RB#49	-51.92	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.08	PASS
Band2	10MHz	16QAM	18650	1RB#0	-35.12	PASS
Band2	10MHz	16QAM	18650	1RB#49	-52.04	PASS
Band2	10MHz	QPSK	19150	1RB#0	-51.71	PASS
Band2	10MHz	QPSK	19150	1RB#49	-33.67	PASS
Band2	10MHz	QPSK	19150	50RB#0	-33.32	PASS
Band2	10MHz	16QAM	19150	1RB#0	-51.80	PASS
Band2	10MHz	16QAM	19150	1RB#49	-36.81	PASS
Band2	15MHz	QPSK	18675	1RB#0	-37.32	PASS
Band2	15MHz	QPSK	18675	1RB#74	-50.58	PASS
Band2	15MHz	QPSK	18675	75RB#0	-37.83	PASS
Band2	15MHz	16QAM	18675	1RB#0	-38.14	PASS
Band2	15MHz	16QAM	18675	1RB#74	-50.88	PASS
Band2	15MHz	QPSK	19125	1RB#0	-50.31	PASS
Band2	15MHz	QPSK	19125	1RB#74	-39.28	PASS
Band2	15MHz	QPSK	19125	75RB#0	-34.10	PASS
Band2	15MHz	16QAM	19125	1RB#0	-50.36	PASS
Band2	15MHz	16QAM	19125	1RB#74	-41.31	PASS
Band2	20MHz	QPSK	18700	1RB#0	-38.84	PASS
Band2	20MHz	QPSK	18700	1RB#99	-49.66	PASS
Band2	20MHz	QPSK	18700	100RB#0	-39.48	PASS
Band2	20MHz	16QAM	18700	1RB#0	-39.38	PASS
Band2	20MHz	16QAM	18700	1RB#99	-49.62	PASS
Band2	20MHz	QPSK	19100	1RB#0	-49.17	PASS
Band2	20MHz	QPSK	19100	1RB#99	-42.02	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.90	PASS
Band2	20MHz	16QAM	19100	1RB#0	-49.39	PASS
Band2	20MHz	16QAM	19100	1RB#99	-43.14	PASS

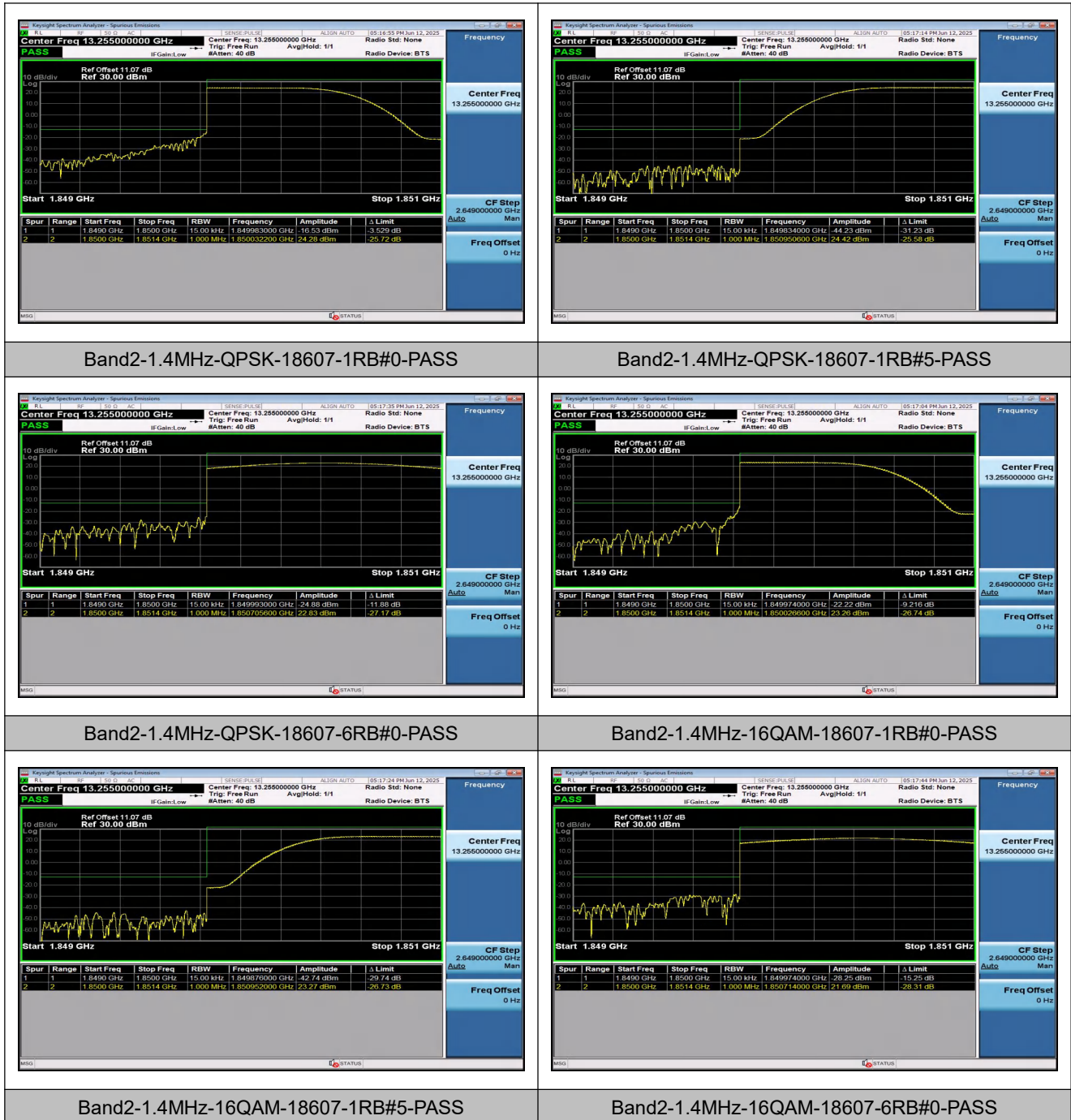


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Test Graphs

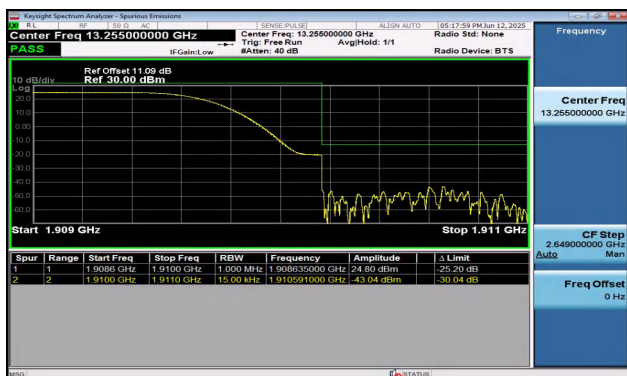




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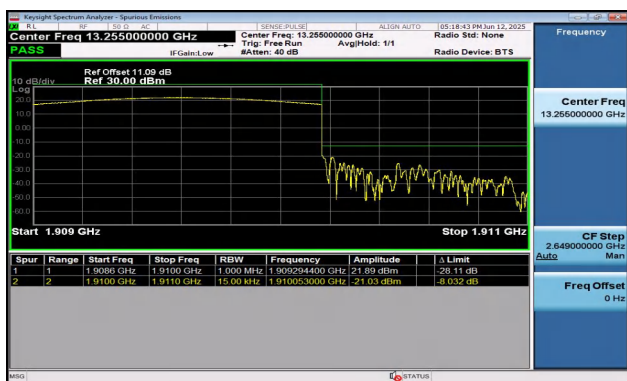
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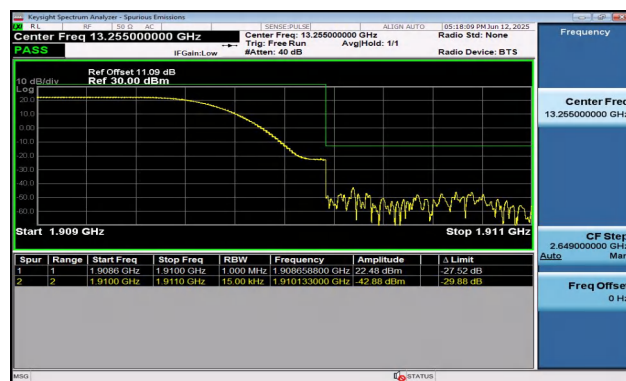
Band2-1.4MHz-QPSK-19193-1RB#0-PASS



Band2-1.4MHz-QPSK-19193-1RB#5-PASS



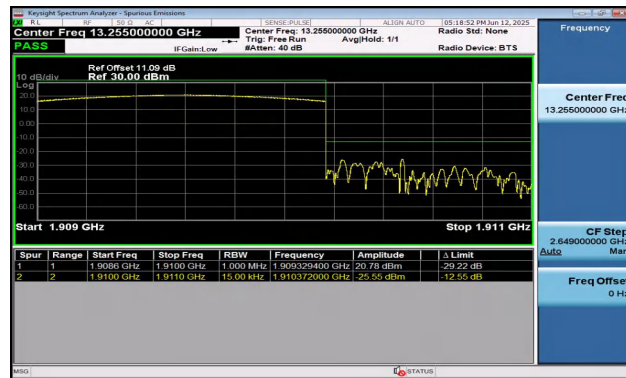
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Band2-1.4MHz-16QAM-19193-1RB#0-PASS



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



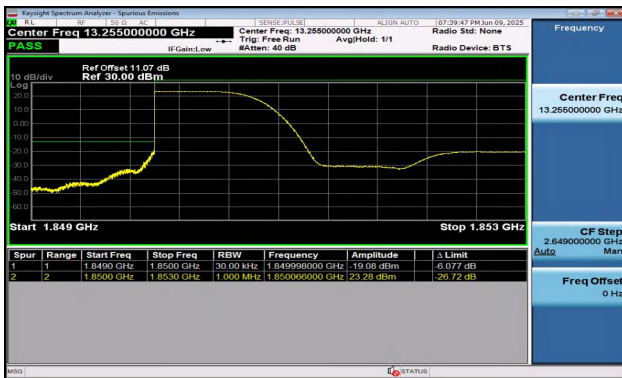
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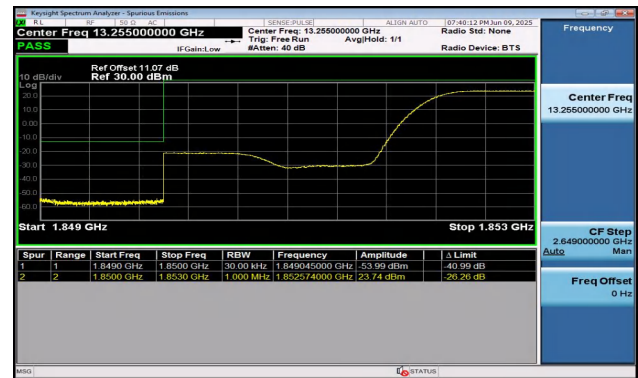
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101#, Building K & Building T, The Second Industrial Zone, Jiazitang Community,
Fenghuang Street, Guangming District, Shenzhen, China

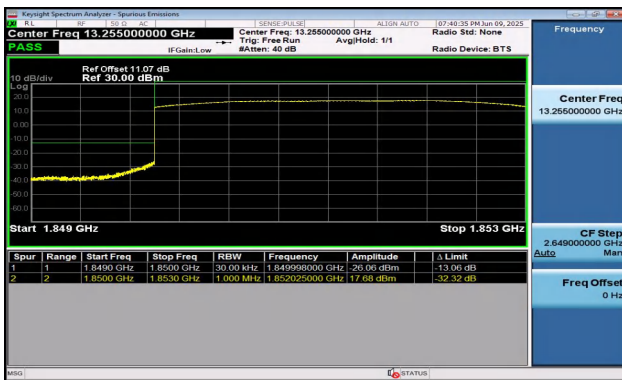
No.:GRCTR250502026-01



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



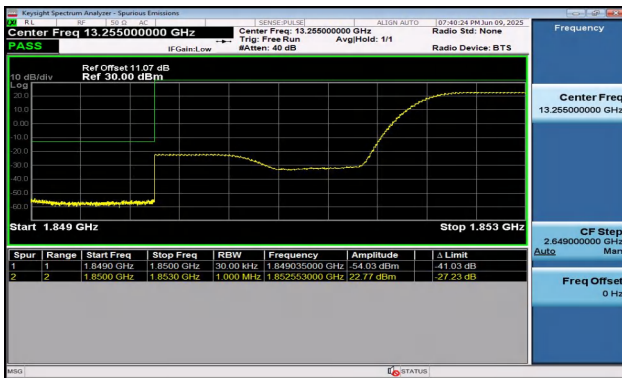
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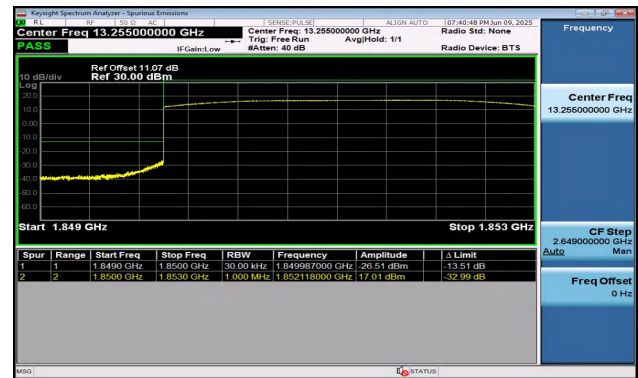
Band2-3MHz-QPSK-18615-15RB#0-PASS



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



Band2-3MHz-16QAM-18615-1RB#14-PASS



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