Appendix-C LTE Band 26(814-824)

Transmitter Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.69	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.96	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.62	50.00	PASS
26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.88	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.86	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#2	24.02	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.86	50.00	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	23.01	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#0	24.01	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#2	24.37	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	1RB#5	24.35	50.00	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	23.22	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.89	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#2	23.25	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.79	50.00	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	22.04	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.94	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.95	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.92	50.00	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.78	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#0	23.51	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#2	23.45	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	1RB#5	23.87	50.00	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	22.20	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#0	23.82	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#8	23.95	50.00	PASS
26(814-824)	3MHz	QPSK	26705	1RB#14	23.78	50.00	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	22.89	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#0	23.85	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#8	23.95	50.00	PASS
26(814-824)	3MHz	QPSK	26740	1RB#14	24.05	50.00	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	23.06	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#0	24.04	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#8	24.22	50.00	PASS
26(814-824)	3MHz	QPSK	26775	1RB#14	24.32	50.00	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	23.28	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#0	22.99	50.00	PASS

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26(814-824)	3MHz	16QAM	26705	1RB#8	22.77	50.00	PASS
26(814-824)	3MHz	16QAM	26705	1RB#14	22.79	50.00	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	21.99	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#0	22.80	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#8	23.09	50.00	PASS
26(814-824)	3MHz	16QAM	26740	1RB#14	22.93	50.00	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	21.98	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#0	23.72	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#8	23.78	50.00	PASS
26(814-824)	3MHz	16QAM	26775	1RB#14	23.23	50.00	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	22.29	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#0	23.92	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#12	23.84	50.00	PASS
26(814-824)	5MHz	QPSK	26715	1RB#24	24.03	50.00	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	22.99	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#0	23.95	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#12	24.08	50.00	PASS
26(814-824)	5MHz	QPSK	26740	1RB#24	24.10	50.00	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	23.02	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#0	23.81	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#12	24.17	50.00	PASS
26(814-824)	5MHz	QPSK	26765	1RB#24	24.12	50.00	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	23.12	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#0	22.78	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#12	22.84	50.00	PASS
26(814-824)	5MHz	16QAM	26715	1RB#24	22.86	50.00	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	21.90	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#0	22.96	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#12	23.03	50.00	PASS
26(814-824)	5MHz	16QAM	26740	1RB#24	23.13	50.00	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	22.07	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#0	23.03	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#12	23.12	50.00	PASS
26(814-824)	5MHz	16QAM	26765	1RB#24	23.17	50.00	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	22.14	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#0	23.76	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#24	24.02	50.00	PASS
26(814-824)	10MHz	QPSK	26740	1RB#49	24.06	50.00	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	23.08	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#0	22.88	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#24	23.42	50.00	PASS
26(814-824)	10MHz	16QAM	26740	1RB#49	23.20	50.00	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	21.98	50.00	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
26(814-824)	10MHz	QPSK	18700	100RB#0	0.07	13	PASS
26(814-824)	10MHz	QPSK	18900	100RB#0	8.49	13	PASS
26(814-824)	10MHz	QPSK	19100	100RB#0	8.49	13	PASS
26(814-824)	10MHz	16QAM	18700	100RB#0	0.07	13	PASS
26(814-824)	10MHz	16QAM	18900	100RB#0	8.49	13	PASS
26(814-824)	10MHz	16QAM	19100	100RB#0	8.52	13	PASS

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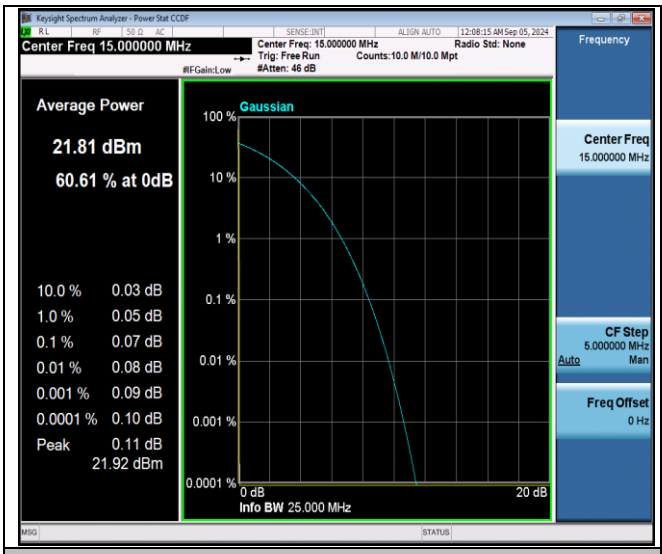
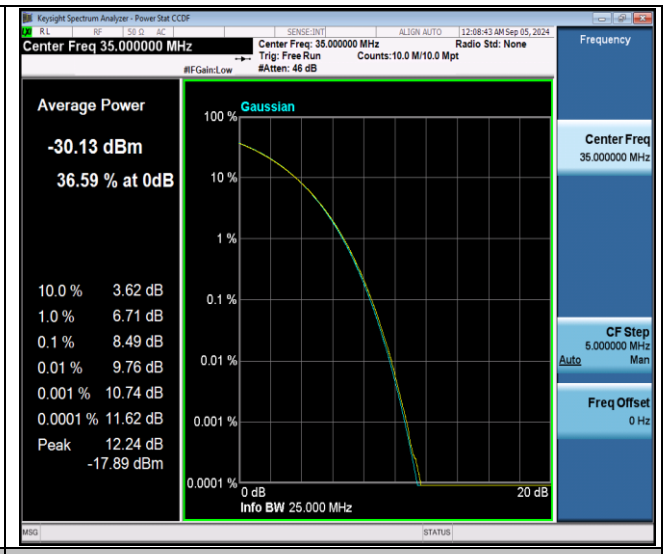
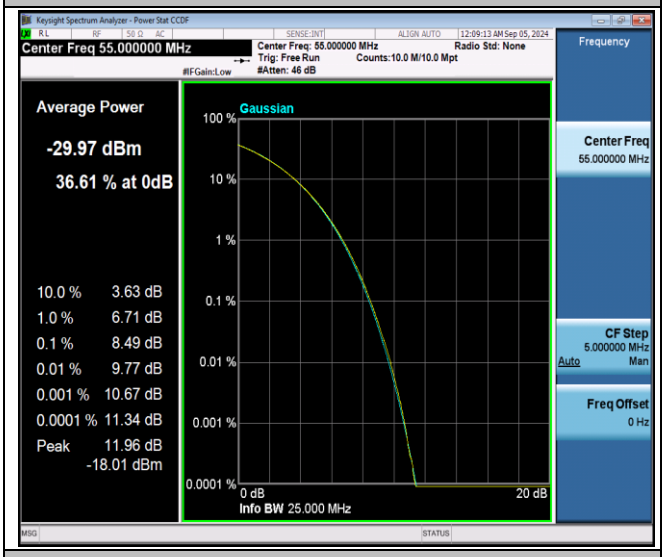
Test Graphs



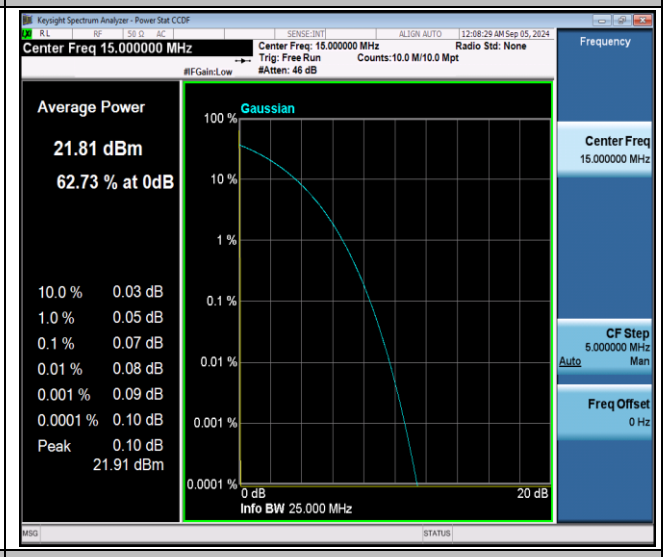
26(814-824)-10MHz-QPSK-18700-100RB#0-PASS



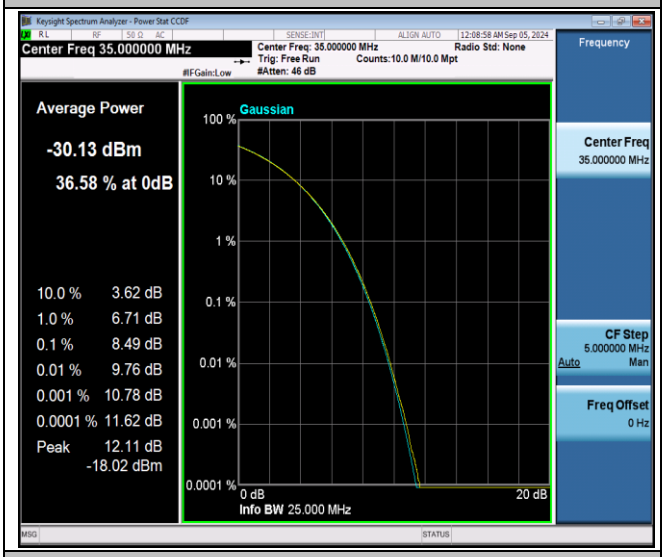
26(814-824)-10MHz-QPSK-18900-100RB#0-PASS



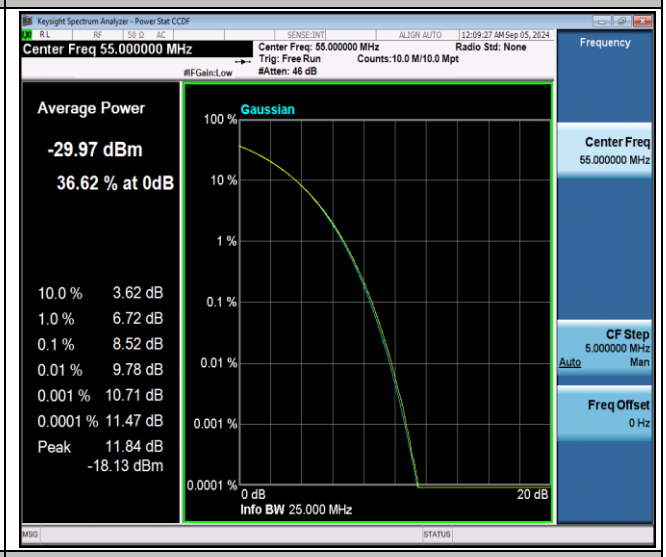
26(814-824)-10MHz-QPSK-19100-100RB#0-PASS



26(814-824)-10MHz-16QAM-18700-100RB#0-PASS



26(814-824)-10MHz-16QAM-18900-100RB#0-PASS



26(814-824)-10MHz-16QAM-19100-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0950	1.313	PASS
26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0951	1.297	PASS
26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0996	1.314	PASS
26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0997	1.310	PASS
26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0977	1.316	PASS
26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0909	1.280	PASS
26(814-824)	3MHz	QPSK	26705	15RB#0	2.7028	2.973	PASS
26(814-824)	3MHz	QPSK	26740	15RB#0	2.6975	2.974	PASS
26(814-824)	3MHz	QPSK	26775	15RB#0	2.7067	2.967	PASS
26(814-824)	3MHz	16QAM	26705	15RB#0	2.6993	2.981	PASS
26(814-824)	3MHz	16QAM	26740	15RB#0	2.6961	2.983	PASS
26(814-824)	3MHz	16QAM	26775	15RB#0	2.6995	2.977	PASS
26(814-824)	5MHz	QPSK	26715	25RB#0	4.5120	5.013	PASS
26(814-824)	5MHz	QPSK	26740	25RB#0	4.4959	4.991	PASS
26(814-824)	5MHz	QPSK	26765	25RB#0	4.4972	5.002	PASS
26(814-824)	5MHz	16QAM	26715	25RB#0	4.5023	4.987	PASS
26(814-824)	5MHz	16QAM	26740	25RB#0	4.5083	5.017	PASS
26(814-824)	5MHz	16QAM	26765	25RB#0	4.5175	5.044	PASS
26(814-824)	10MHz	QPSK	26740	50RB#0	8.9828	9.970	PASS
26(814-824)	10MHz	16QAM	26740	50RB#0	8.9735	9.870	PASS

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Test Graphs

26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS

26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS

26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS

26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS

26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS

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26(814-824)-3MHz-QPSK-26705-15RB#0-PASS

26(814-824)-3MHz-QPSK-26740-15RB#0-PASS

26(814-824)-3MHz-QPSK-26775-15RB#0-PASS

26(814-824)-3MHz-16QAM-26705-15RB#0-PASS

26(814-824)-3MHz-16QAM-26740-15RB#0-PASS

26(814-824)-3MHz-16QAM-26775-15RB#0-PASS

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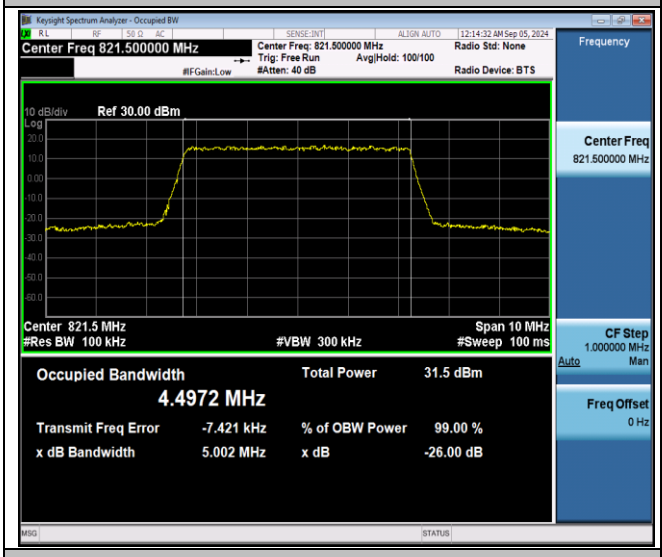
26(814-824)-5MHz-QPSK-26715-25RB#0-PASS

26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



26(814-824)-5MHz-QPSK-26765-25RB#0-PASS

26(814-824)-5MHz-16QAM-26715-25RB#0-PASS

26(814-824)-5MHz-16QAM-26740-25RB#0-PASS

26(814-824)-5MHz-16QAM-26765-25RB#0-PASS

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26(814-824)-10MHz-QPSK-26740-50RB#0-PASS

26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

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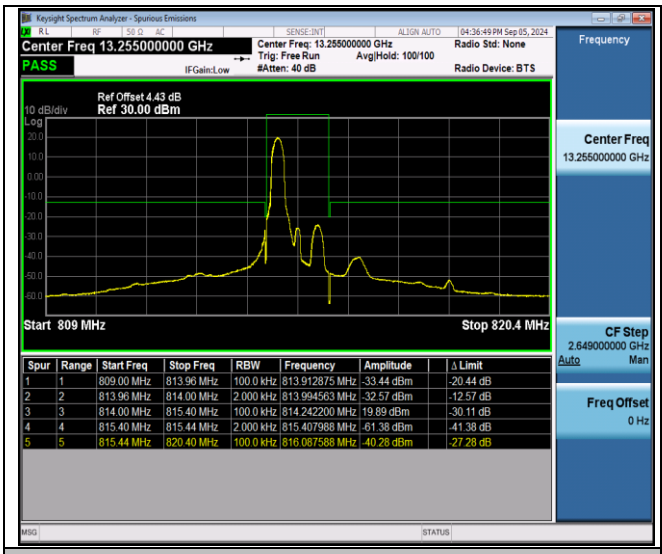
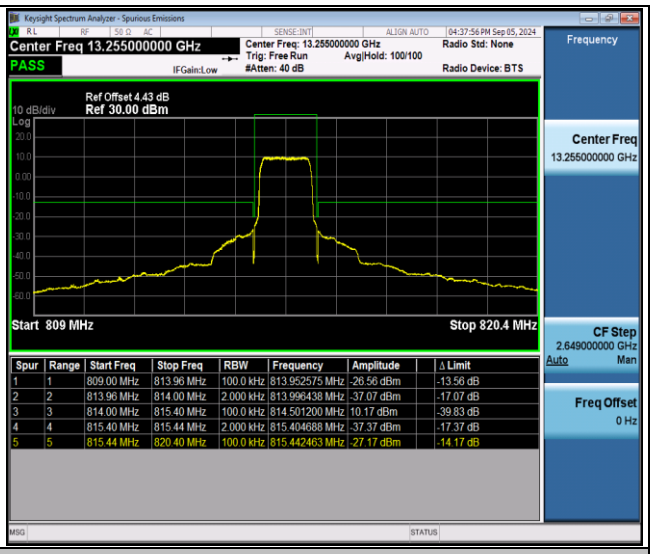
Band Edge

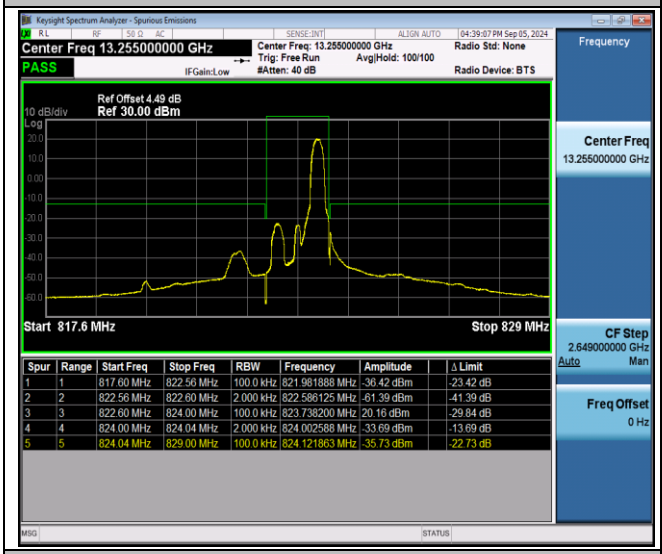
Test Graphs



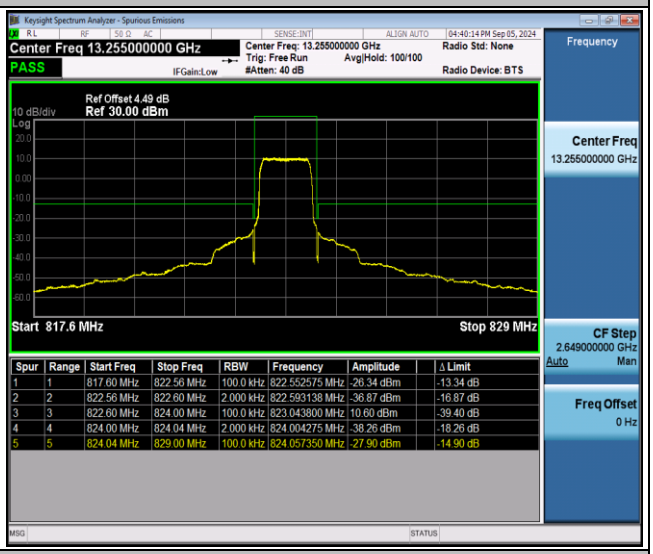
26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



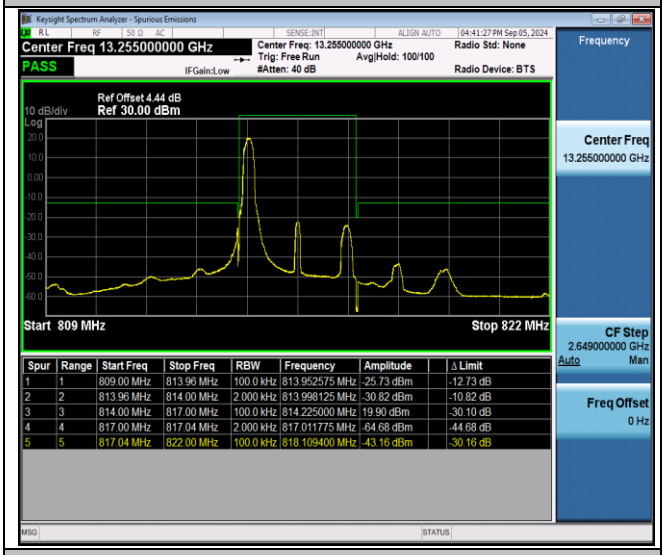
26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



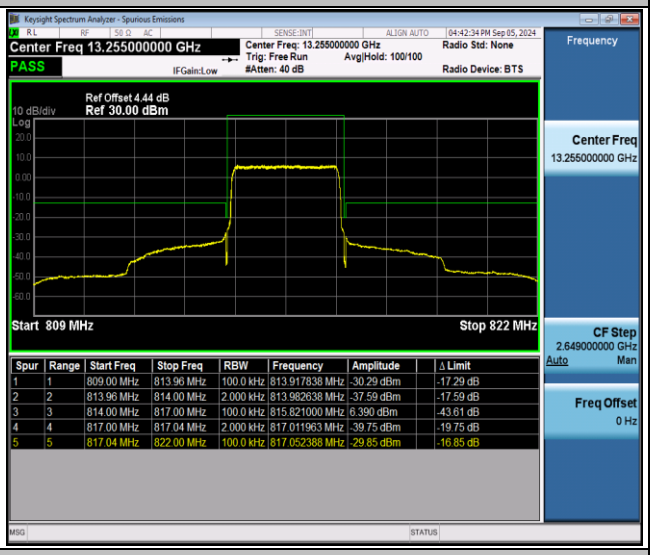
26(814-824)-1.4MHz-QPSK-26783-1RB#5-PASS



26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



26(814-824)-3MHz-QPSK-26705-1RB#0-PASS



26(814-824)-3MHz-QPSK-26705-15RB#0-PASS

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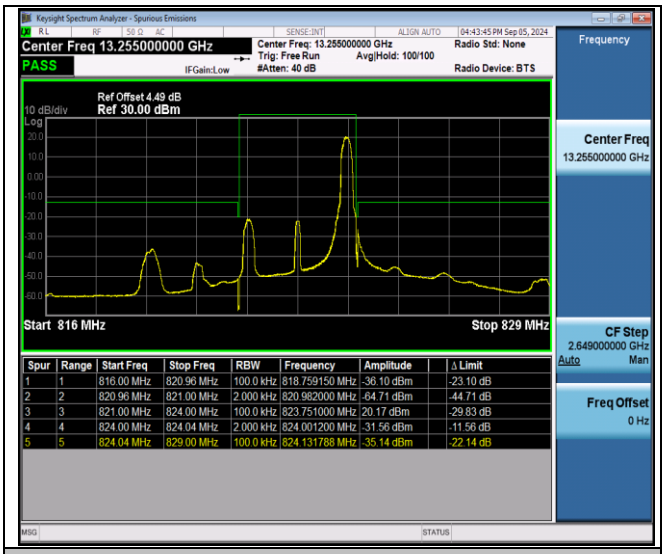
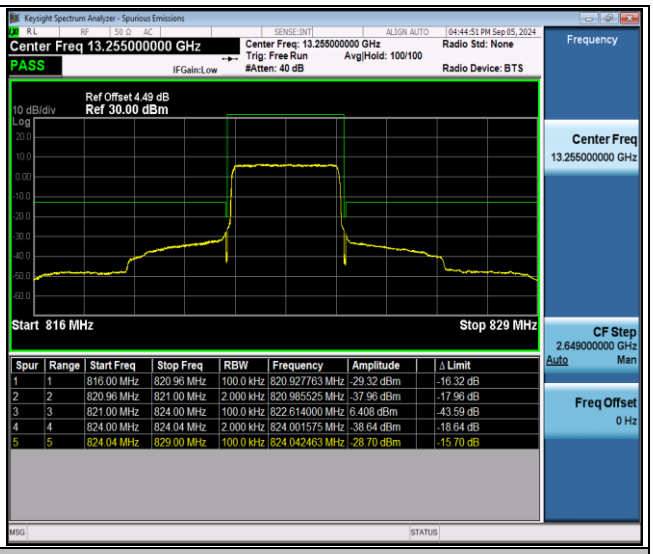
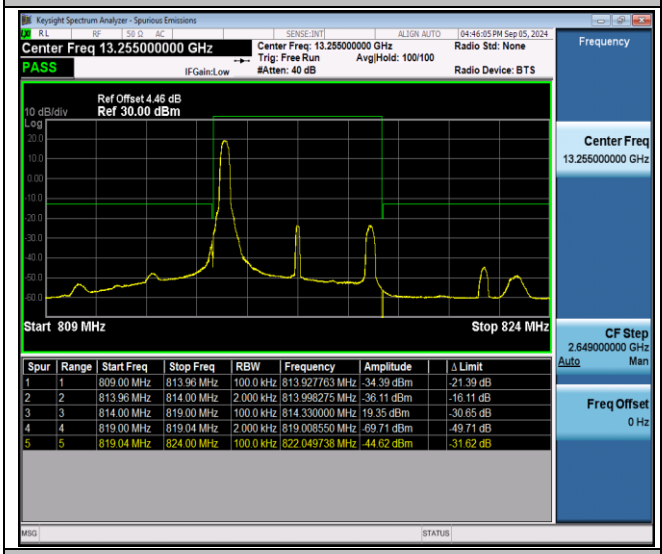


26(814-824)-3MHz-QPSK-26775-1RB#14-PASS

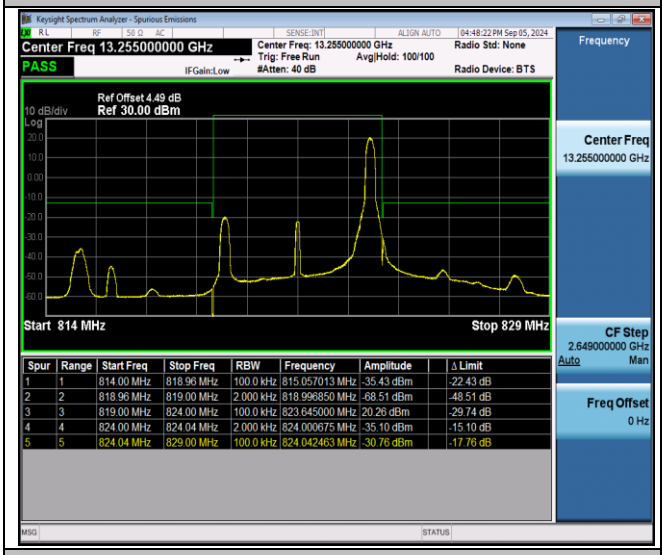


26(814-824)-3MHz-QPSK-26775-15RB#0-PASS



26(814-824)-5MHz-QPSK-26715-1RB#0-PASS

26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



26(814-824)-5MHz-QPSK-26765-1RB#24-PASS

26(814-824)-5MHz-QPSK-26765-25RB#0-PASS

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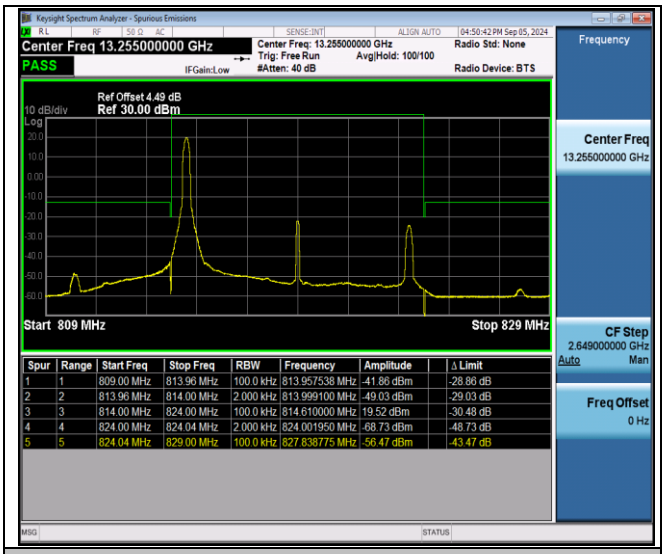
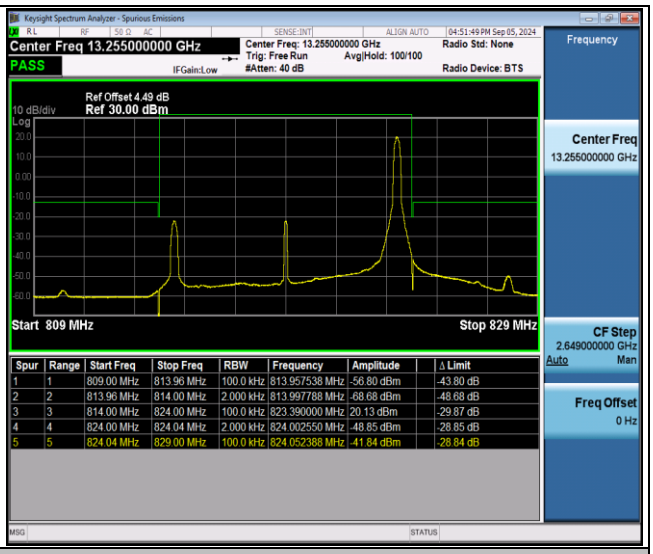
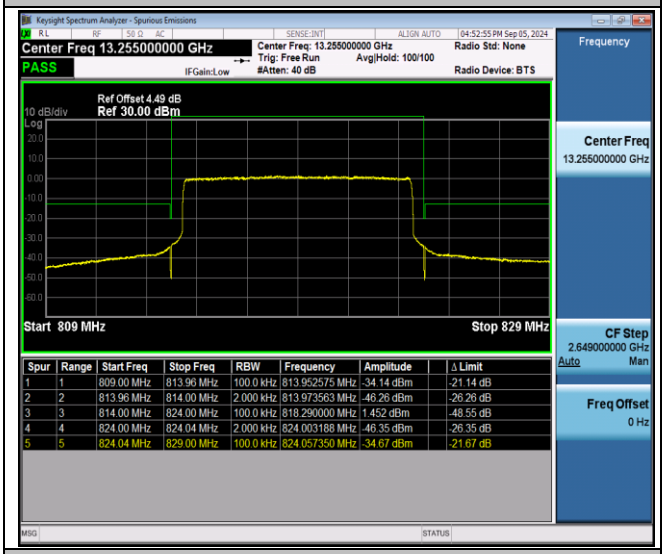


26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



26(814-824)-10MHz-QPSK-26740-1RB#49-PASS



26(814-824)-10MHz-QPSK-26740-50RB#0-PASS

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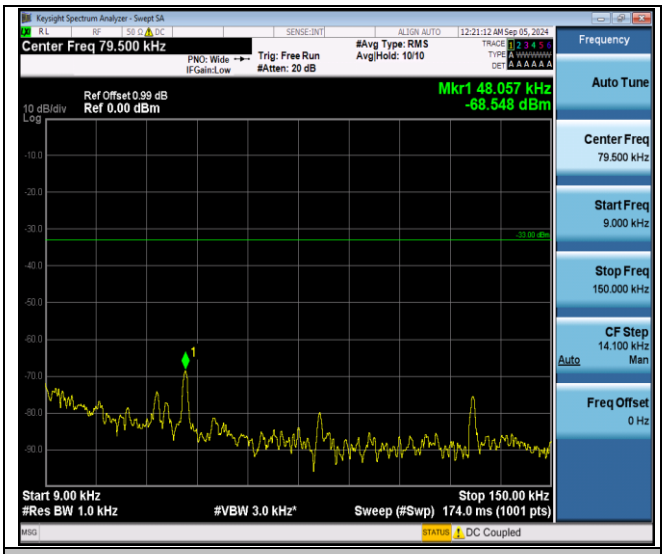
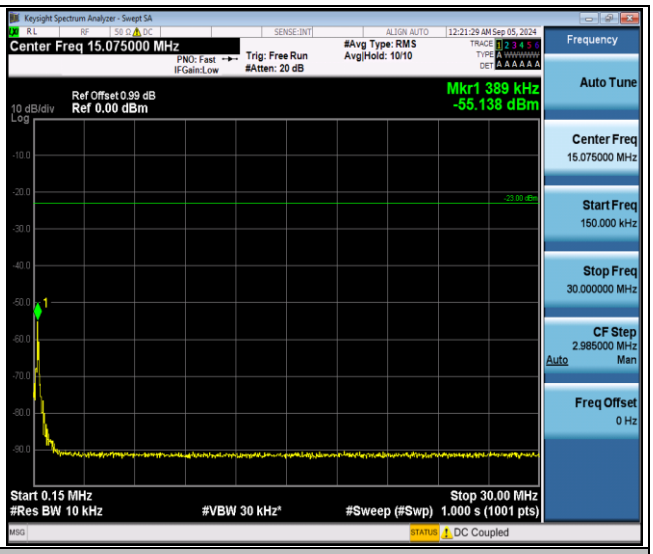
Conducted Spurious Emission

Test Graphs

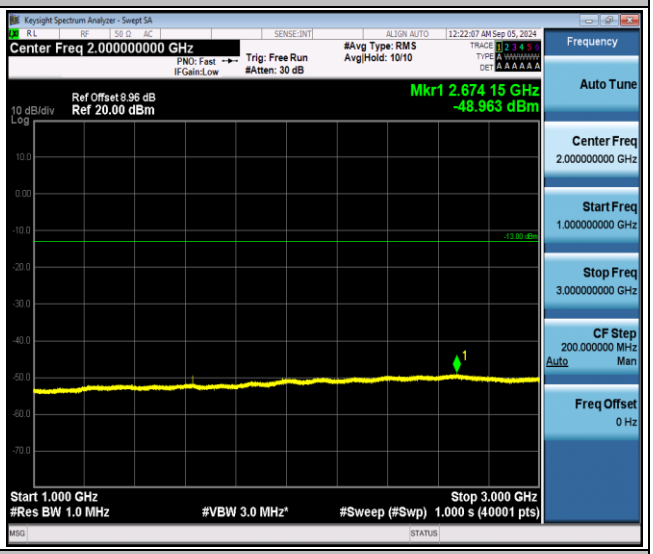


26(814-824)-10MHz-QPSK-26740-1RB#0-0.009~0.15-PASS

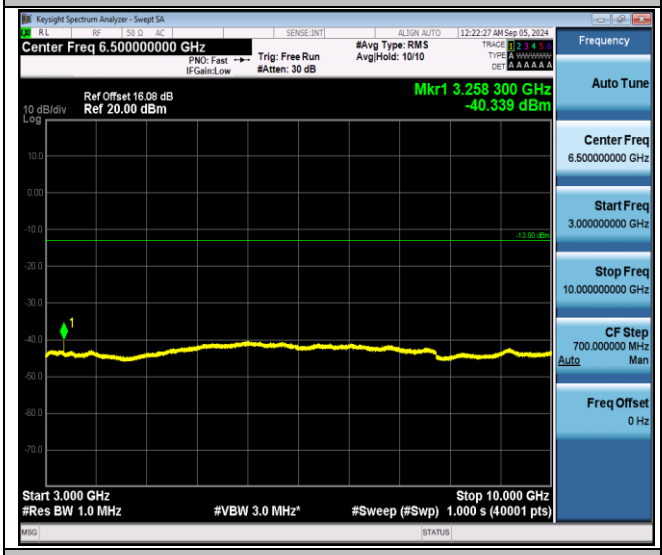


26(814-824)-10MHz-QPSK-26740-1RB#0-0.15~30-PASS

26(814-824)-10MHz-QPSK-26740-1RB#0-30~1000-PASS



26(814-824)-10MHz-QPSK-26740-1RB#0-1000~3000-PASS



26(814-824)-10MHz-QPSK-26740-1RB#0-3000~10000-PASS

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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
26(814-824)	10MHz	QPSK	26740	100RB#0	VN	NT	-2.79	-0.003407	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VL	NT	-1.96	-0.002393	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	VH	NT	-3.18	-0.003883	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-30	-2.47	-0.003016	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-20	-2.33	-0.002845	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-10	-3.42	-0.004176	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	0	-1.76	-0.002149	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	10	-3.40	-0.004151	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	20	-3.26	-0.003980	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	30	-2.52	-0.003077	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	40	-2.13	-0.002601	PASS
26(814-824)	10MHz	QPSK	26740	100RB#0	NV	50	-2.88	-0.003516	PASS

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