Appendix-A LTE Band 26(814-824)

Transmitter Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Limit (dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	23.43	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#2	23.54	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	1RB#5	23.38	50	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	22.51	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#0	22.51	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#2	22.25	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	1RB#5	22.48	50	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	21.34	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#0	23.96	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#2	23.95	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	1RB#5	23.75	50	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	22.81	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#0	22.8	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#2	22.73	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	1RB#5	22.81	50	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	21.64	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#0	23.87	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#2	23.81	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#5	23.92	50	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	22.67	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#0	22.73	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#2	22.77	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	1RB#5	22.73	50	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	21.65	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	23.39	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#8	23.8	50	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#14	23.6	50	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	22.61	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#0	22.56	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#8	22.29	50	PASS
Band26(814-824)	3MHz	16QAM	26705	1RB#14	22.75	50	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	21.54	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#0	23.62	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#8	23.81	50	PASS
Band26(814-824)	3MHz	QPSK	26740	1RB#14	23.74	50	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	22.56	50	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#0	22.85	50	PASS

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Band26(814-824)	3MHz	16QAM	26740	1RB#8	22.77	50	PASS
Band26(814-824)	3MHz	16QAM	26740	1RB#14	22.72	50	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	21.76	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#0	23.65	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#8	23.77	50	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#14	23.95	50	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	22.72	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#0	22.75	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#8	22.84	50	PASS
Band26(814-824)	3MHz	16QAM	26775	1RB#14	22.83	50	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	21.67	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	23.39	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#12	23.65	50	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#24	23.56	50	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	22.55	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#0	22.42	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#12	22.78	50	PASS
Band26(814-824)	5MHz	16QAM	26715	1RB#24	22.85	50	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	21.61	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#0	23.77	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#12	23.81	50	PASS
Band26(814-824)	5MHz	QPSK	26740	1RB#24	23.78	50	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	22.69	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#0	22.86	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#12	22.78	50	PASS
Band26(814-824)	5MHz	16QAM	26740	1RB#24	22.71	50	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	21.7	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#0	23.82	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#12	23.98	50	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#24	23.93	50	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	22.88	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#0	22.8	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#12	22.6	50	PASS
Band26(814-824)	5MHz	16QAM	26765	1RB#24	22.75	50	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	21.65	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	23.58	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#24	23.61	50	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#49	23.45	50	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	22.78	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#0	22.75	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#24	22.68	50	PASS
Band26(814-824)	10MHz	16QAM	26740	1RB#49	22.62	50	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	21.7	50	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26(814-824)	10MHz	QPSK	26740	50RB#0	5.21	13	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	6.05	13	PASS

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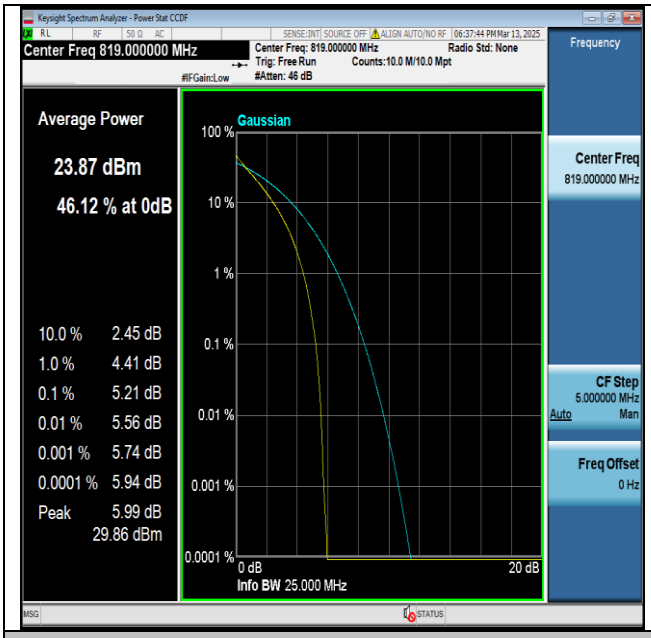
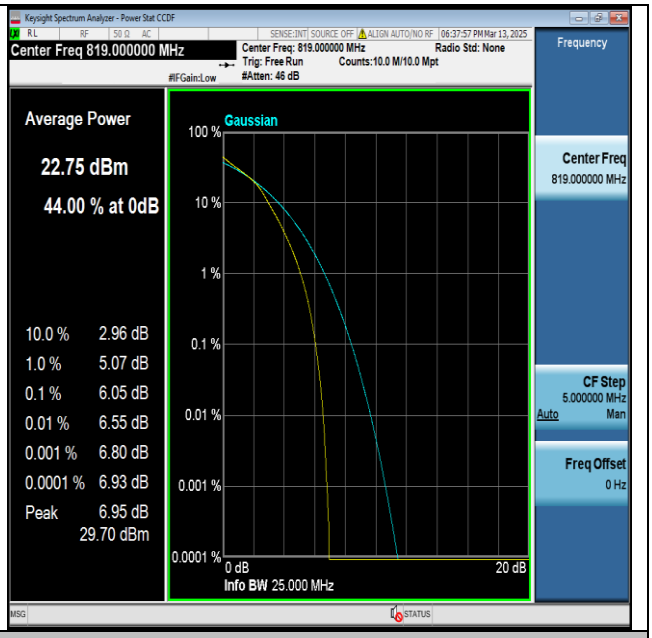
Test Graphs



Band26(814-824)-10MHz-QPSK-26740-50RB#0-PASS



Band26(814-824)-10MHz-16QAM-26740-50RB#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
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0878	1.289	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0959	1.276	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0914	1.259	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0984	1.273	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0885	1.264	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0971	1.296	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.6944	2.948	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6845	2.960	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6956	2.947	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6962	2.963	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.7013	2.945	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6905	2.981	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.4826	4.970	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4866	4.972	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4799	4.939	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.4848	4.959	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.4790	4.946	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.4902	4.955	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9644	9.832	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9572	9.774	PASS

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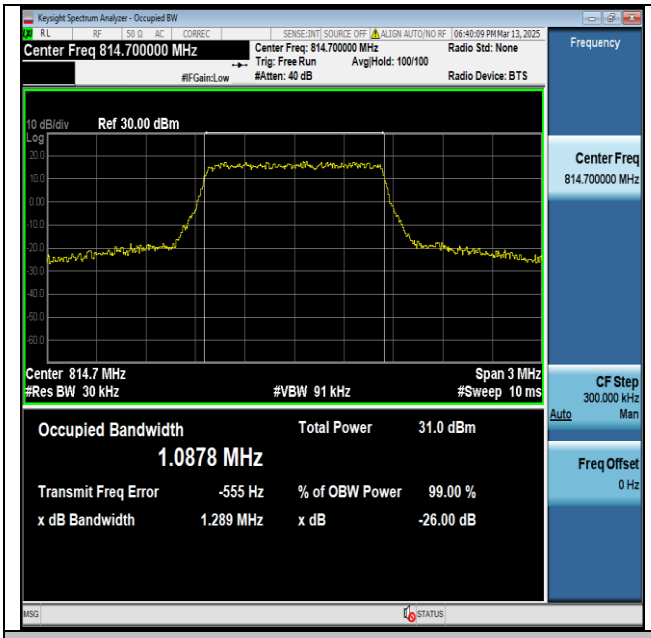
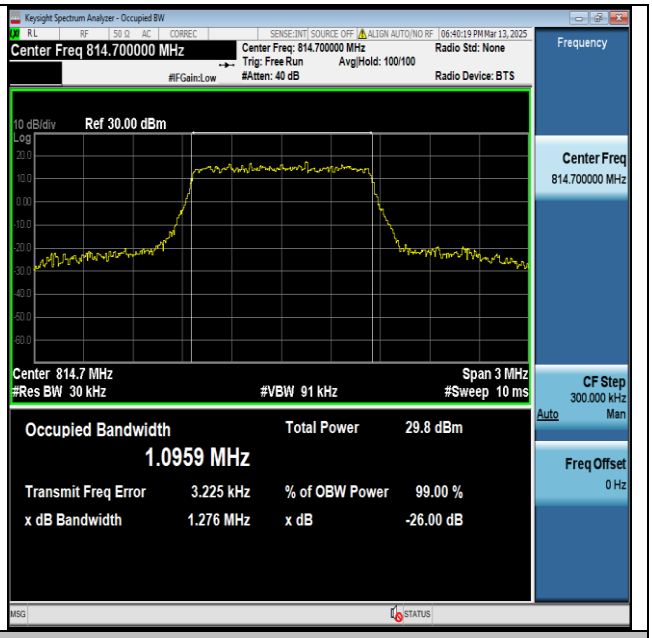
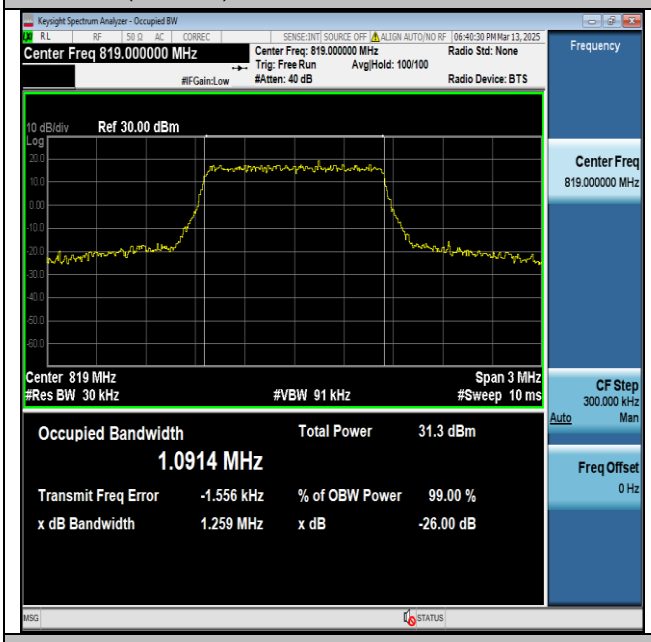
Test Graphs



Band26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



Band26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



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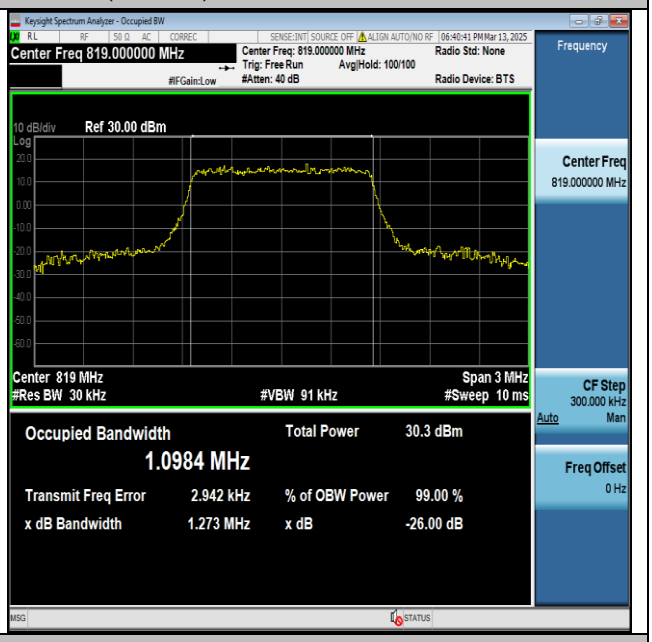

Band26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS

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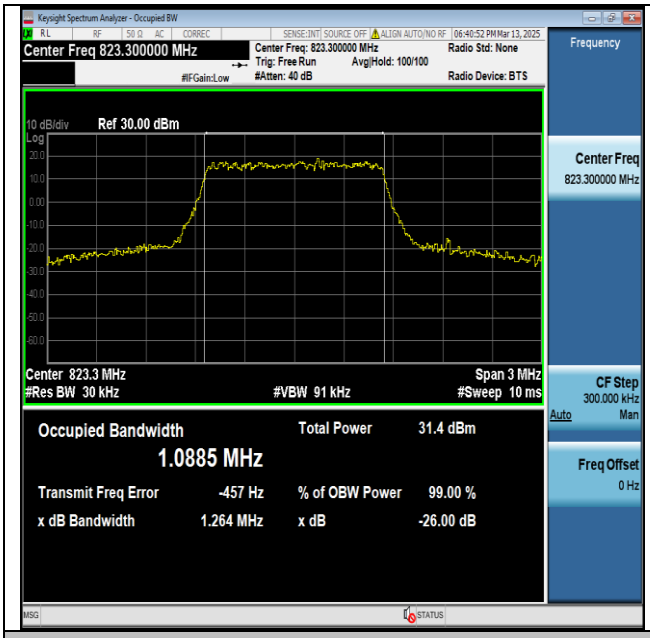
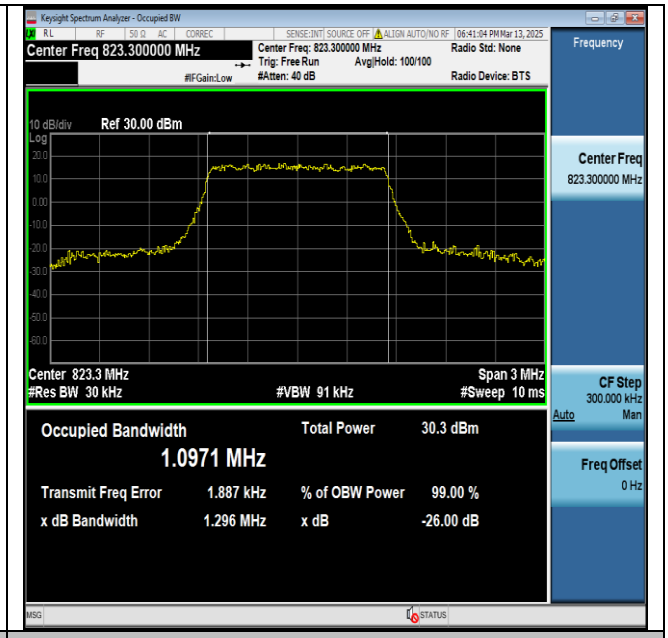
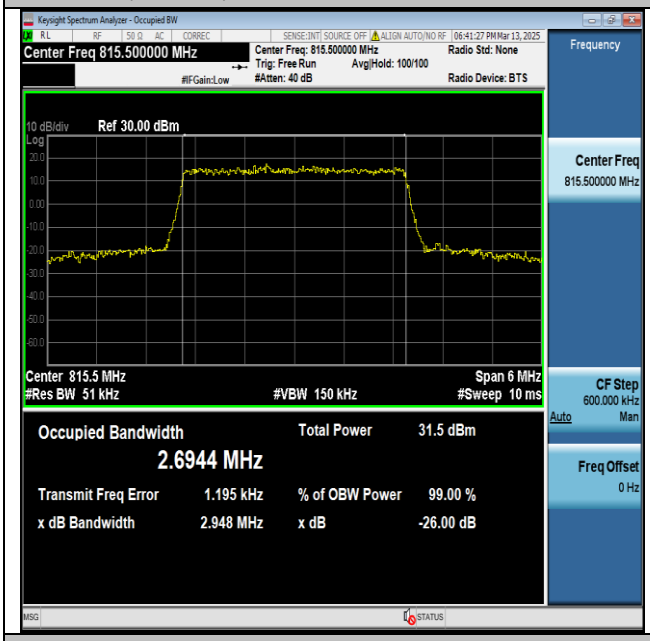


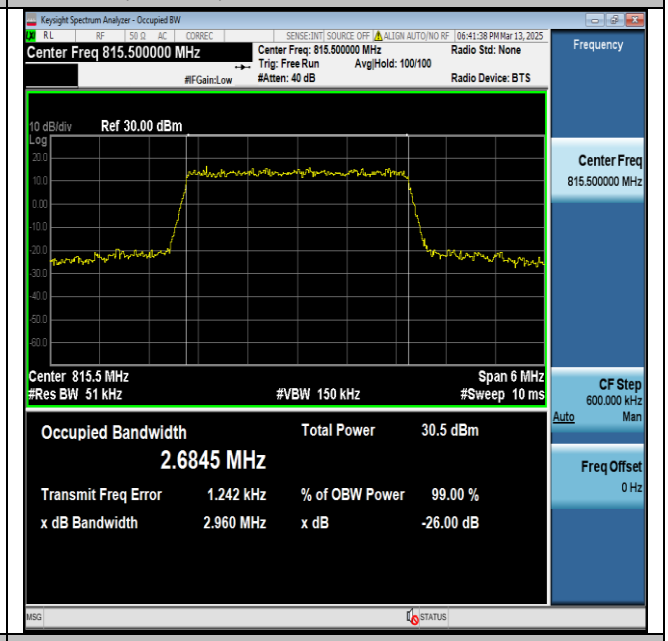
Band26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS



Band26(814-824)-1.4MHz-16QAM-26783-6RB#0-PASS



Band26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



Band26(814-824)-3MHz-16QAM-26705-15RB#0-PASS

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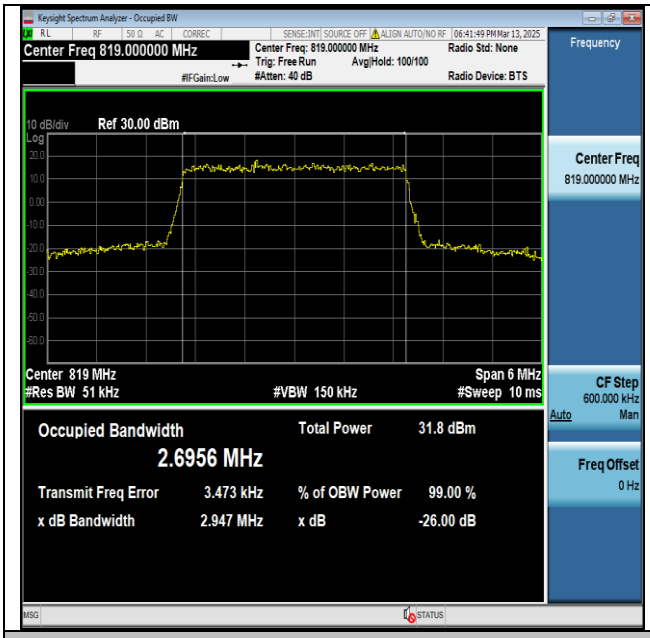

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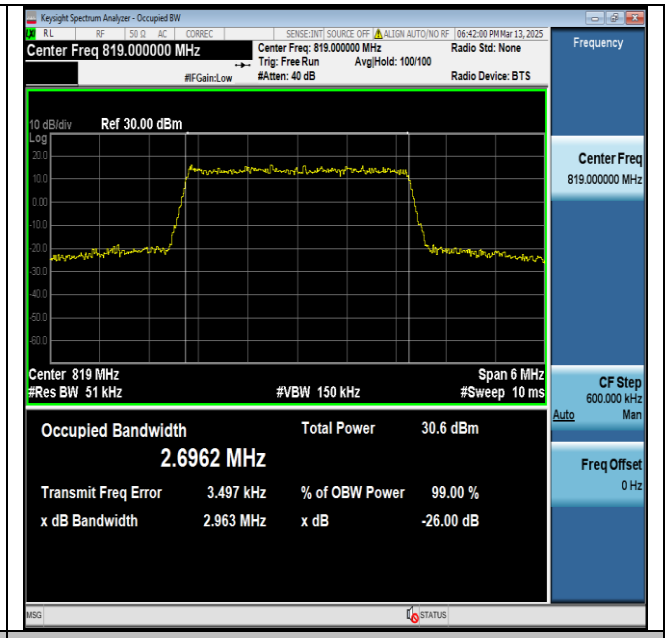

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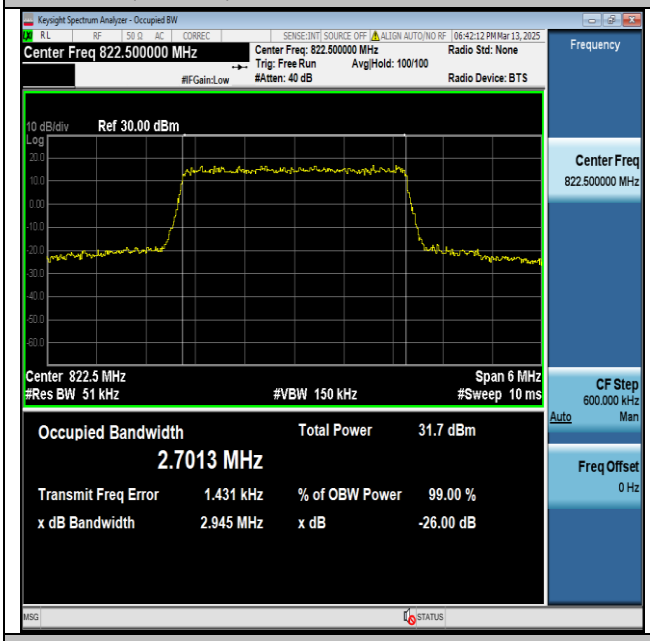

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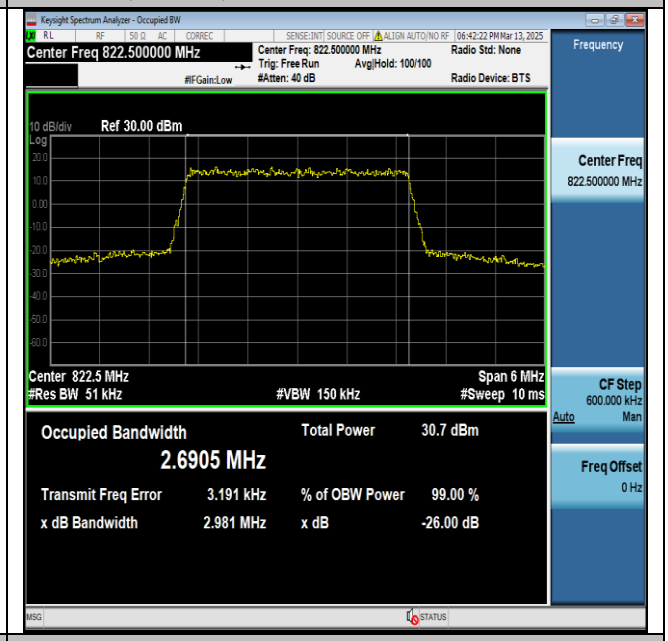

Band26(814-824)-3MHz-16QAM-26775-15RB#0-PASS

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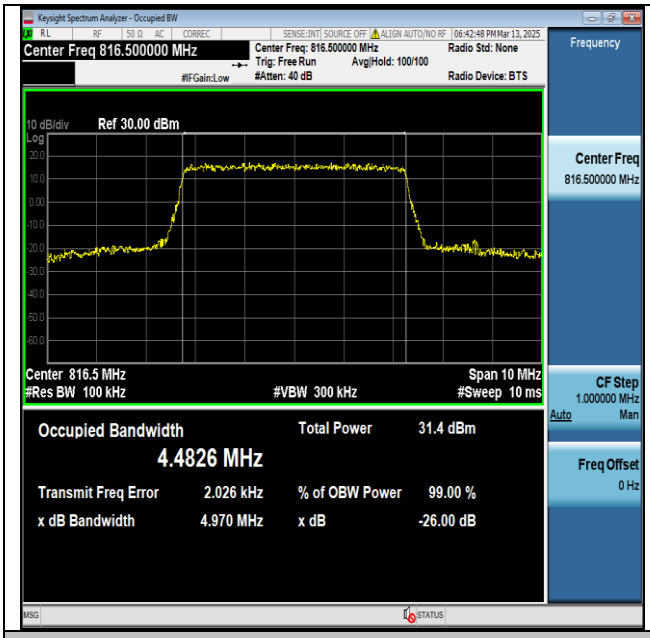
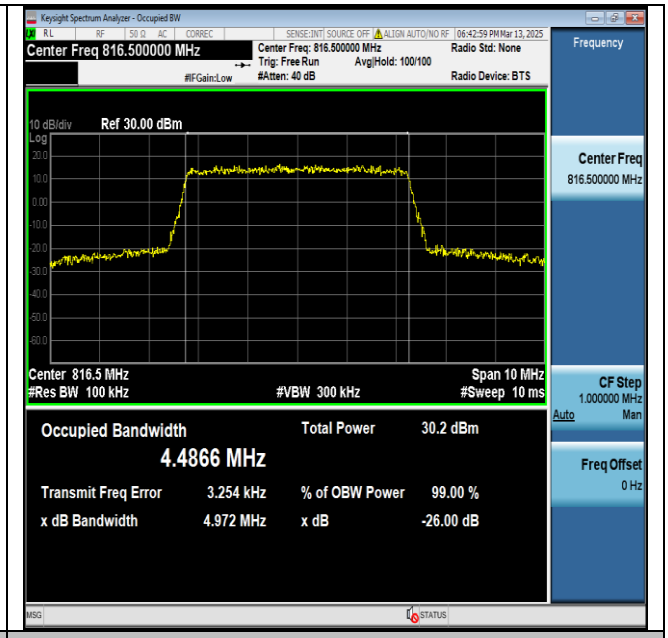


Band26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



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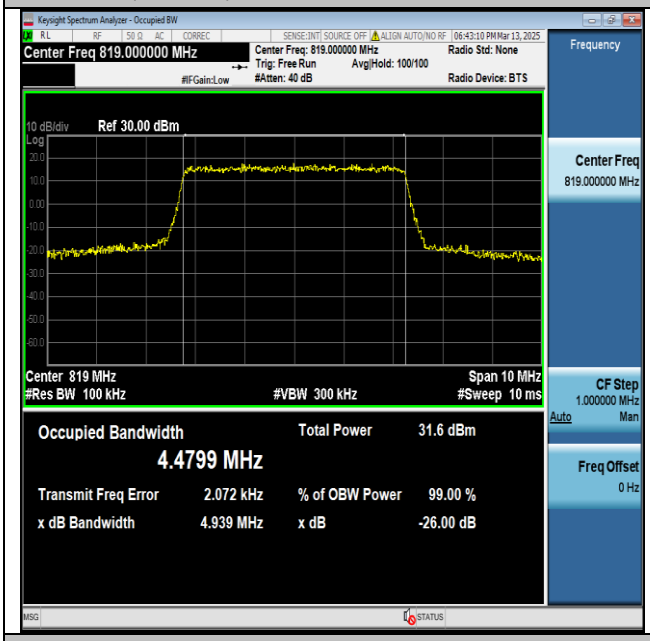

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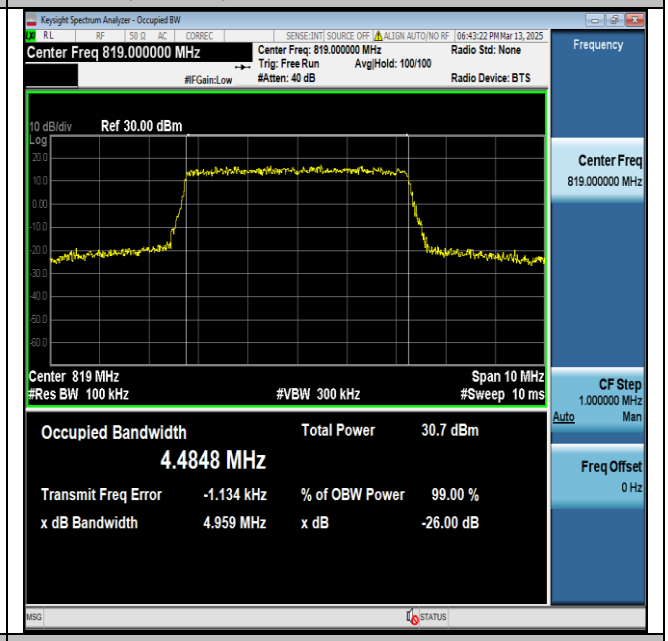

Band26(814-824)-5MHz-16QAM-26740-25RB#0-PASS

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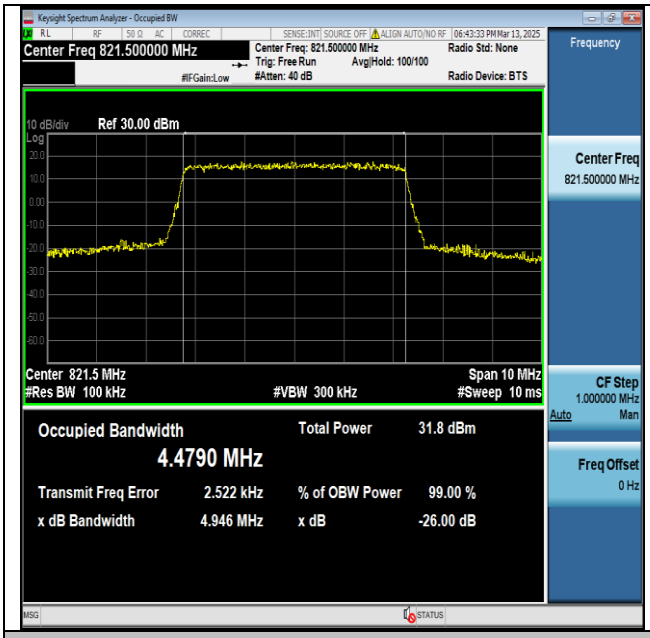
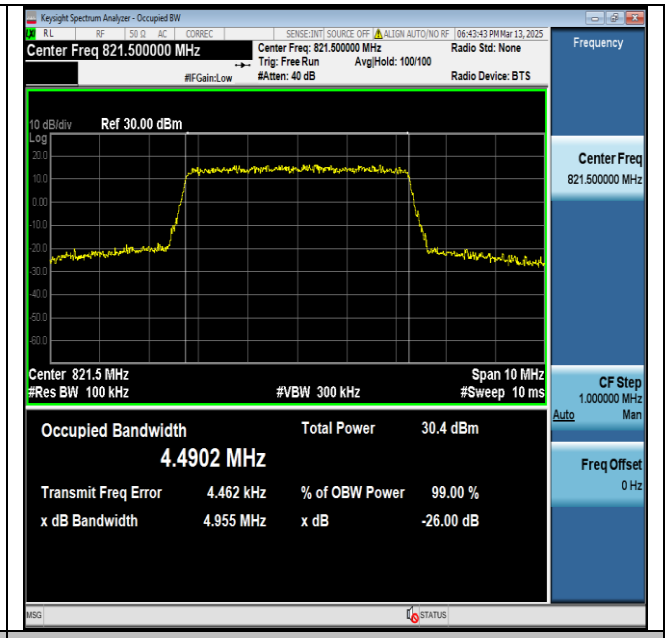


Band26(814-824)-5MHz-QPSK-26765-25RB#0-PASS



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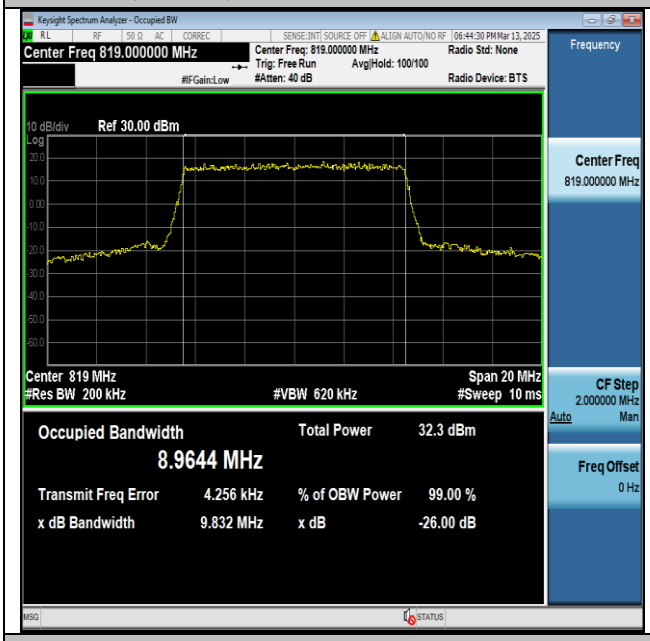

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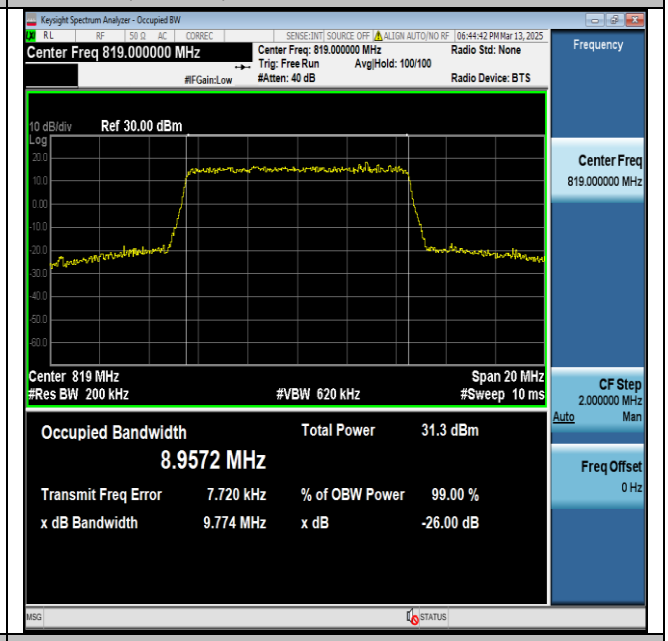

Band26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

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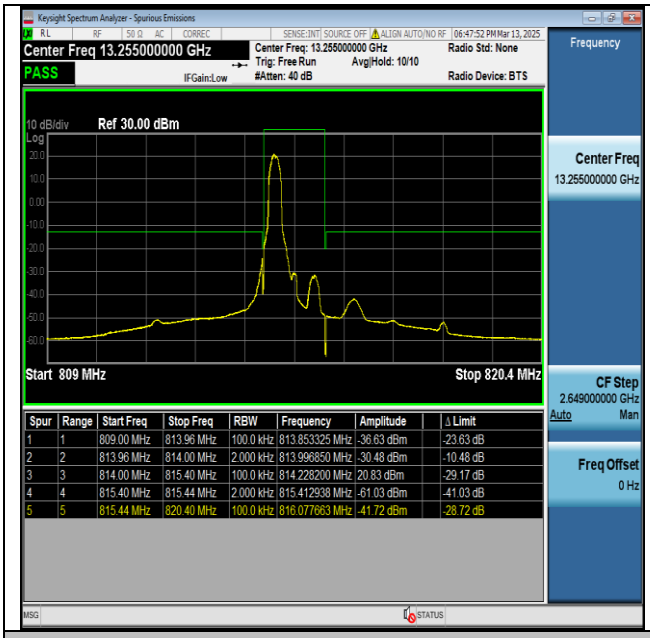
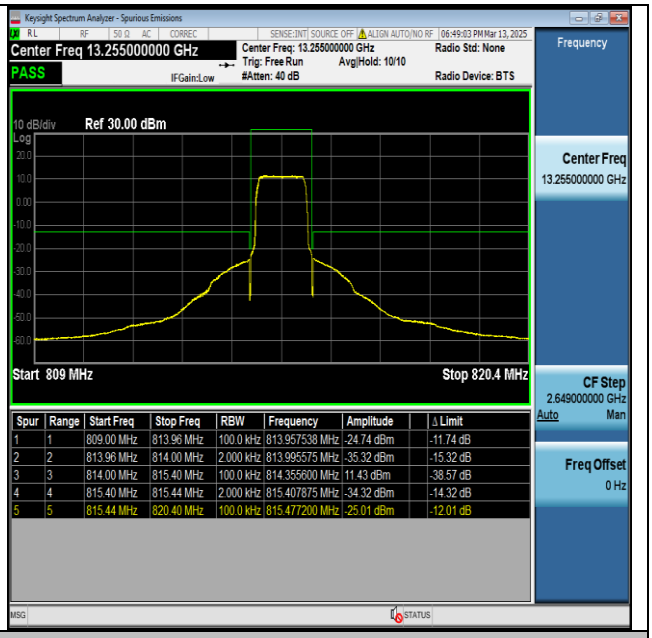
Band Edge

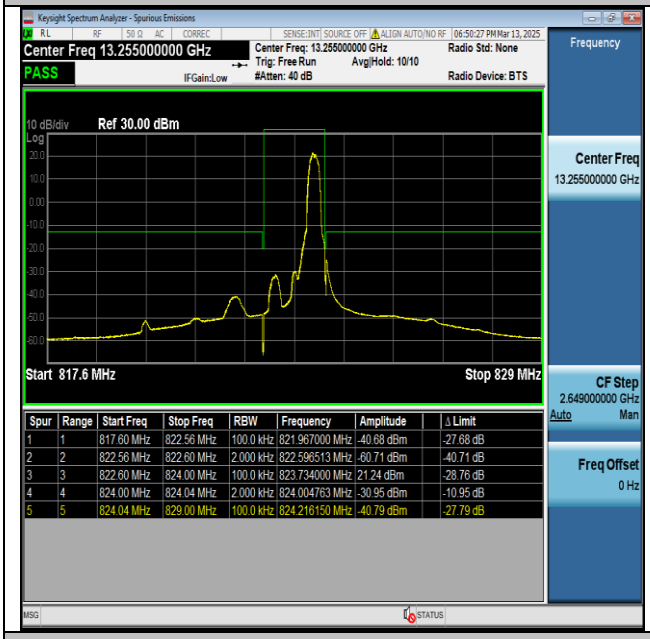
Test Graphs



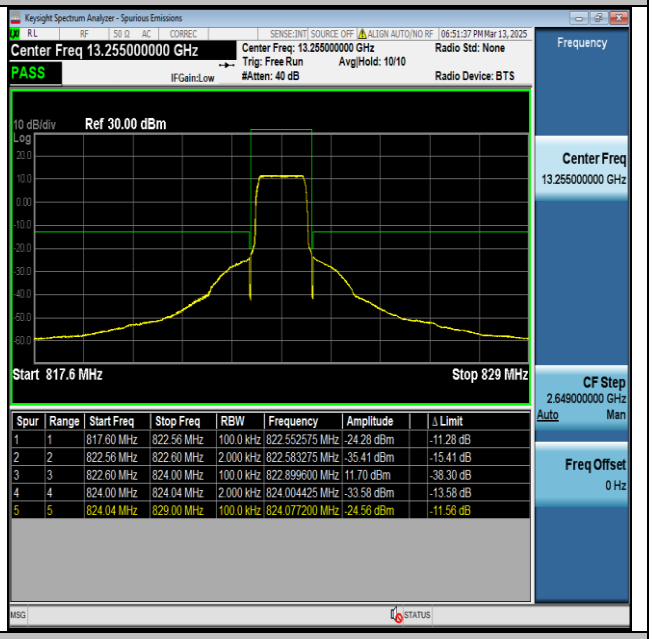
Band26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



Band26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



Band26(814-824)-1.4MHz-QPSK-26783-1RB#5-PASS



Band26(814-824)-1.4MHz-QPSK-26783-6RB#0-PASS

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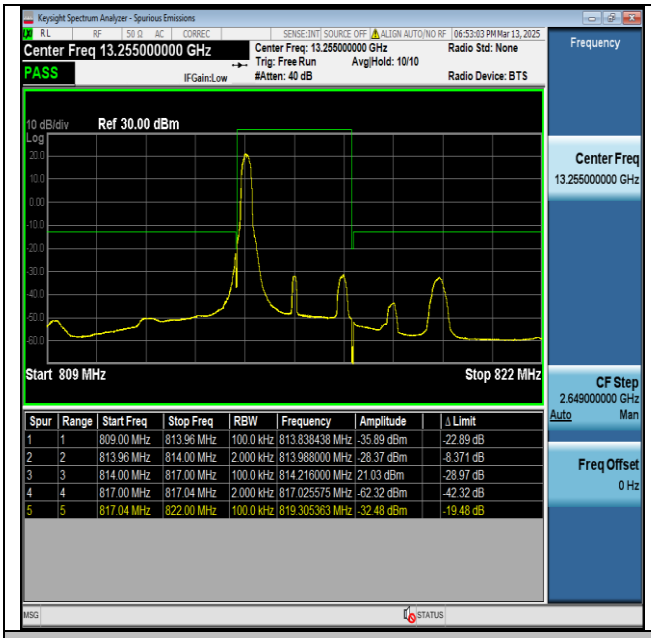
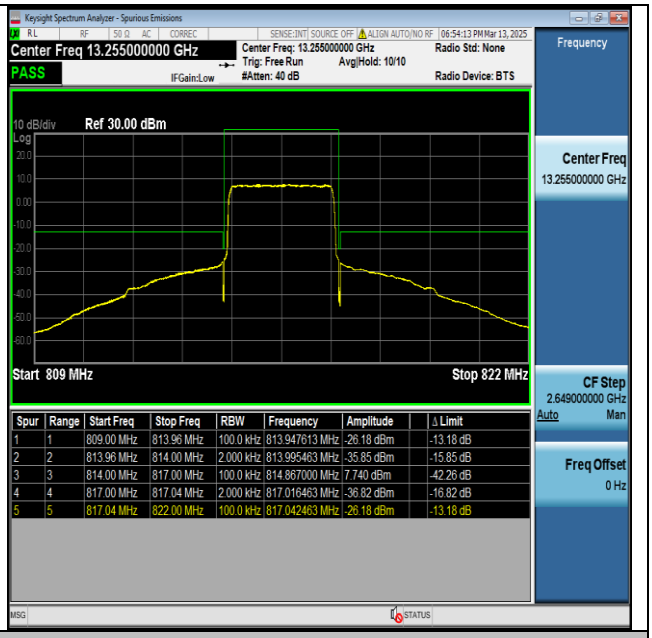
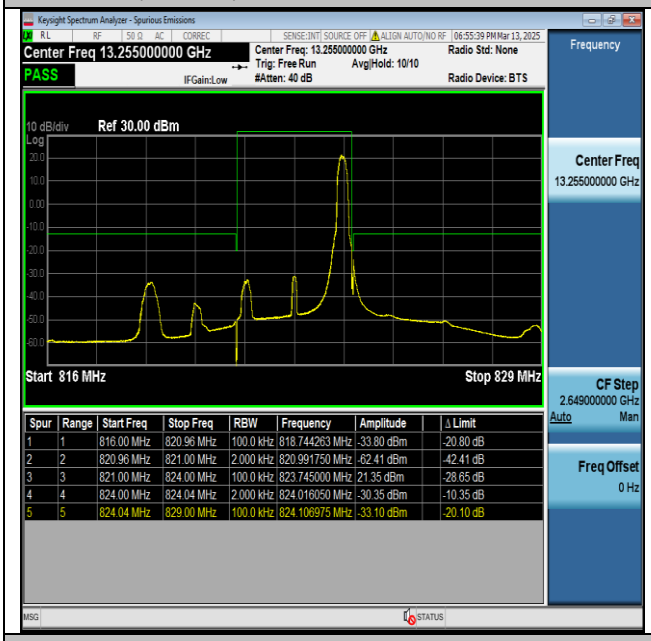


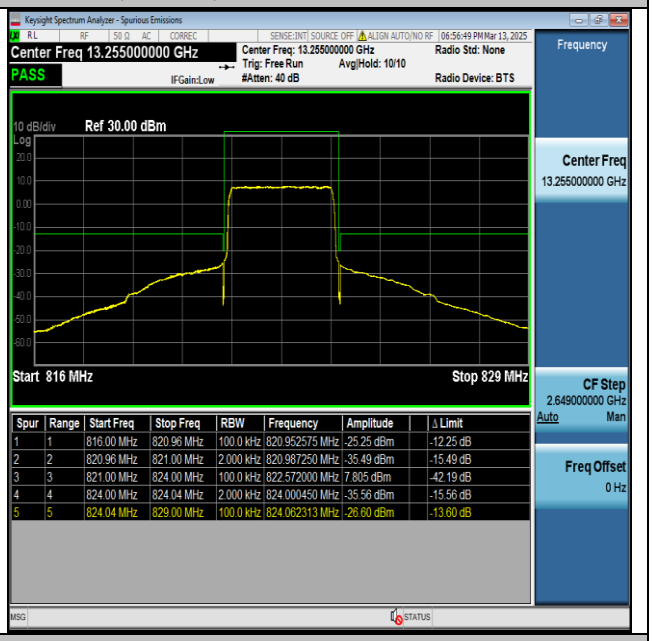
Band26(814-824)-3MHz-QPSK-26705-1RB#0-PASS



Band26(814-824)-3MHz-QPSK-26705-15RB#0-PASS



Band26(814-824)-3MHz-QPSK-26775-1RB#14-PASS



Band26(814-824)-3MHz-QPSK-26775-15RB#0-PASS

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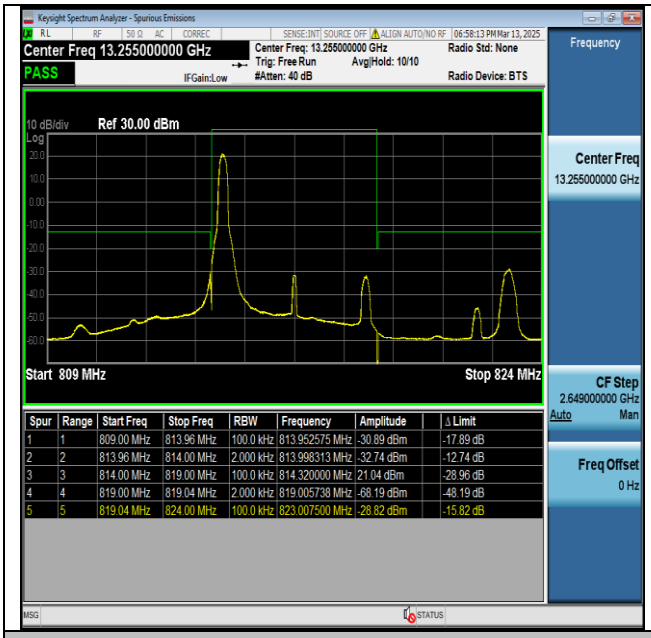
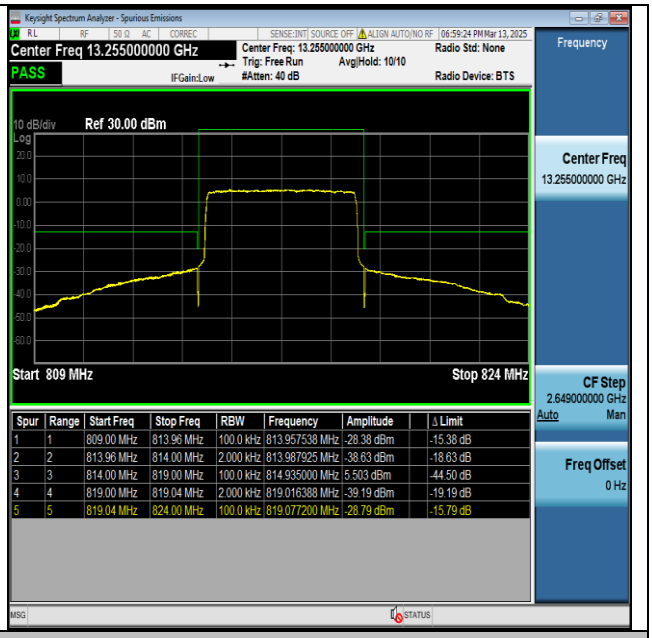
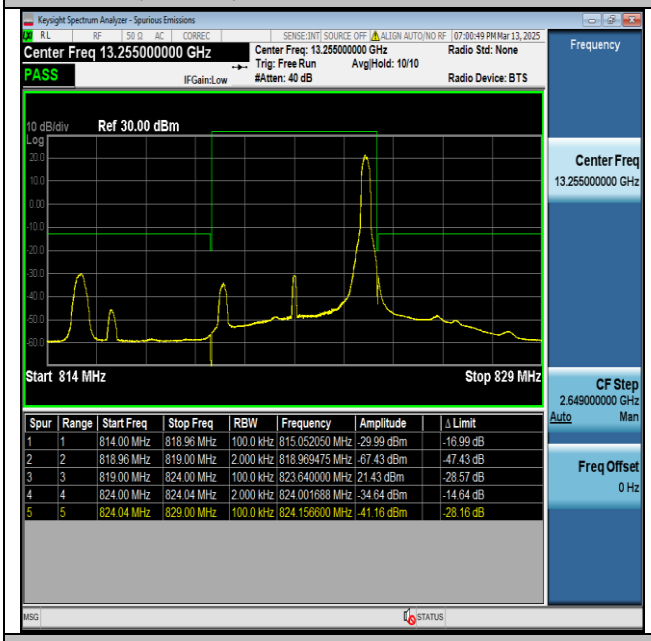


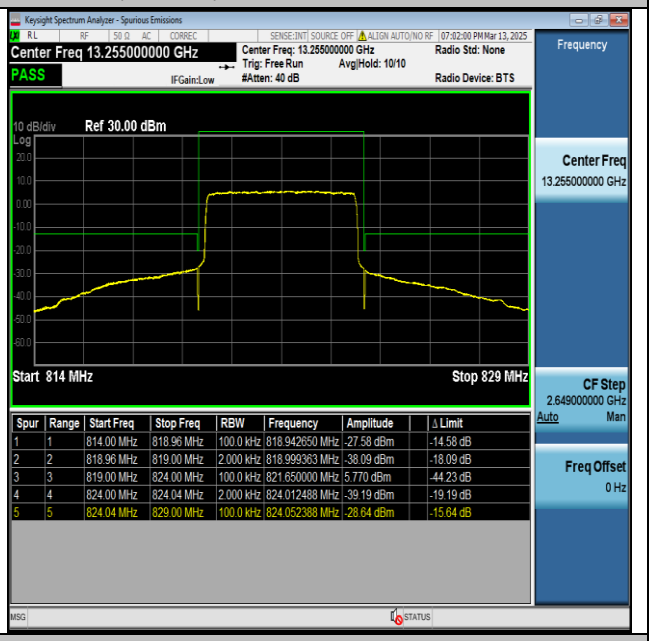
Band26(814-824)-5MHz-QPSK-26715-1RB#0-PASS



Band26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



Band26(814-824)-5MHz-QPSK-26765-1RB#24-PASS



Band26(814-824)-5MHz-QPSK-26765-25RB#0-PASS

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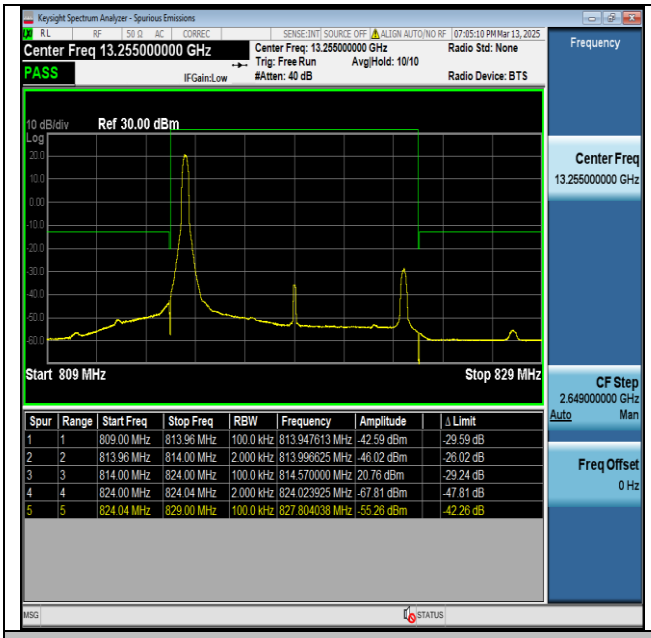
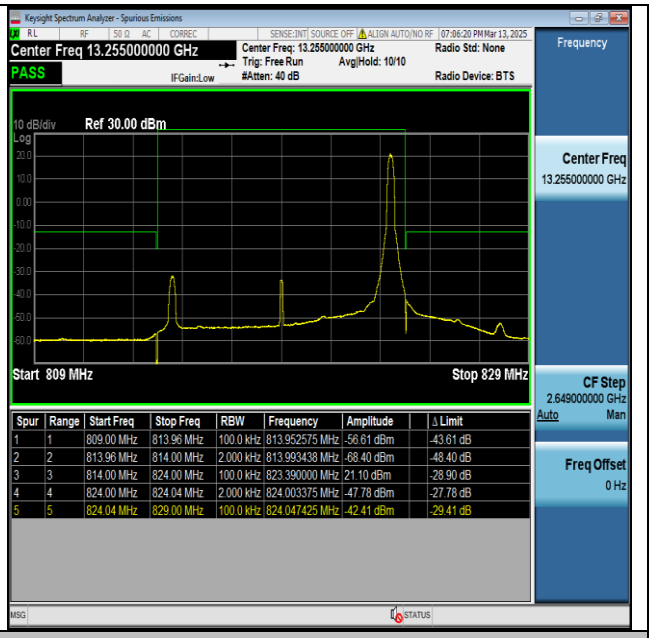
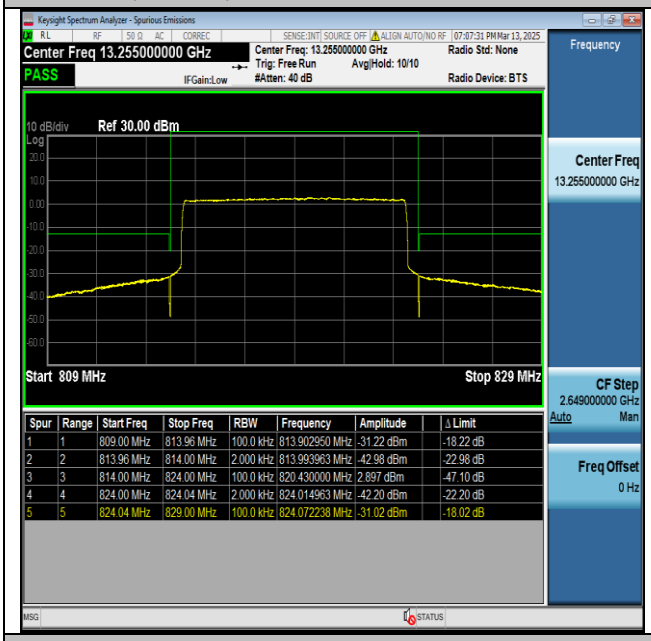


Band26(814-824)-10MHz-QPSK-26740-1RB#0-PASS



Band26(814-824)-10MHz-QPSK-26740-1RB#49-PASS



Band26(814-824)-10MHz-QPSK-26740-50RB#0-PASS

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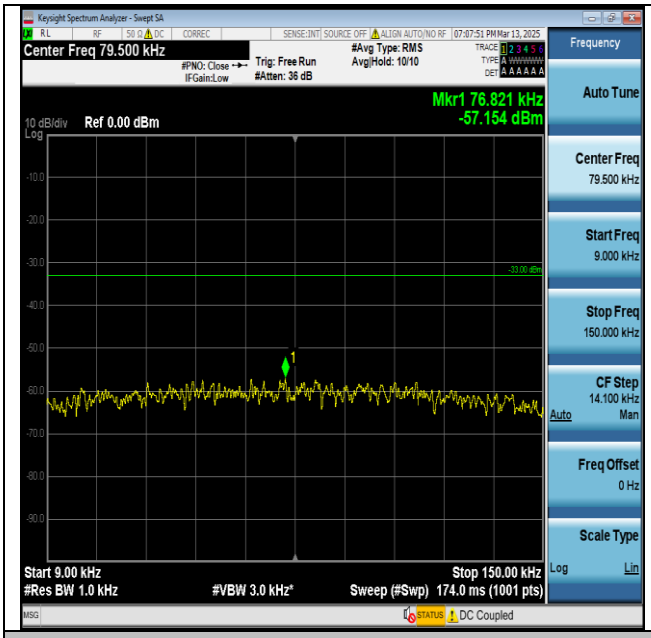
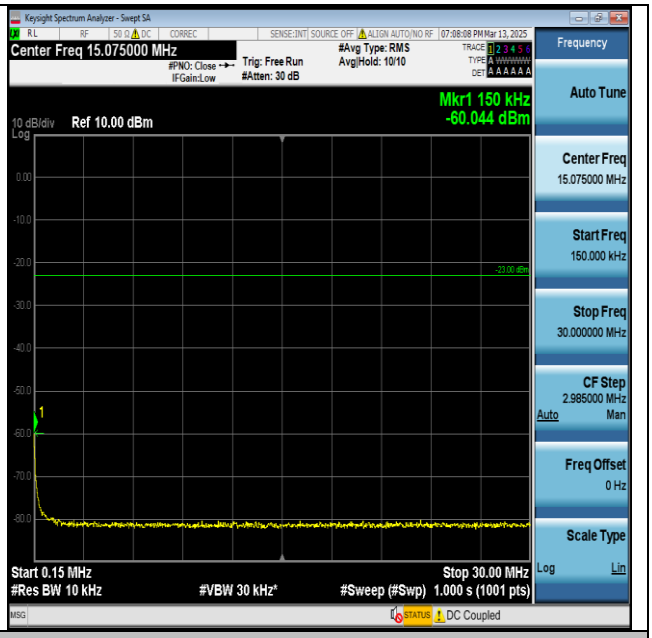
Conducted Spurious Emission

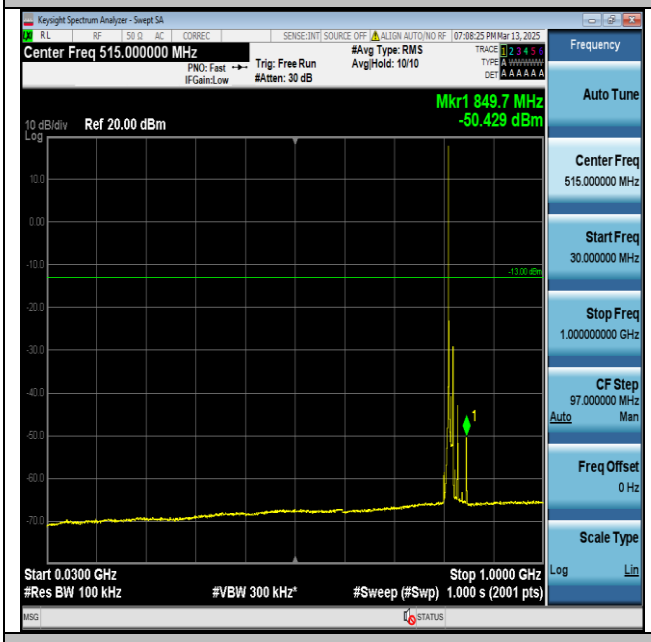
Test Graphs



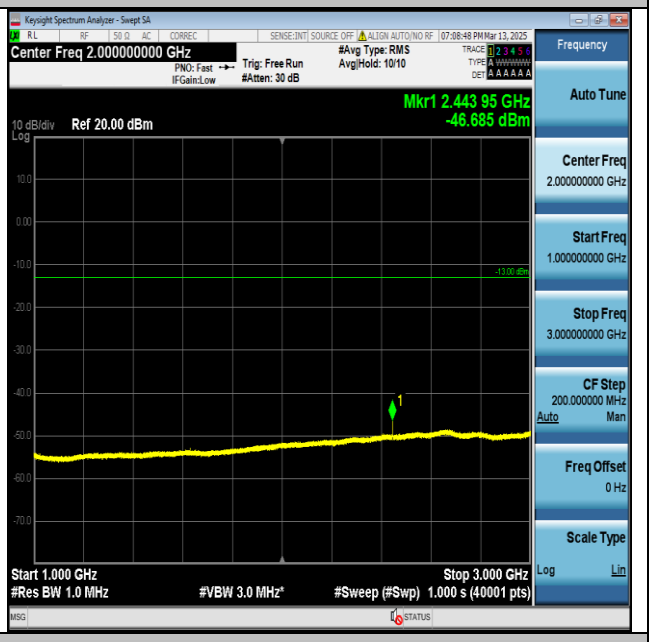
Band26(814-824)-10MHz-QPSK-26740-1RB#0-0.009~0.15-PASS



Band26(814-824)-10MHz-QPSK-26740-1RB#0-0.15~30-PASS



Band26(814-824)-10MHz-QPSK-26740-1RB#0-30~1000-PASS



Band26(814-824)-10MHz-QPSK-26740-1RB#0-1000~3000-PASS

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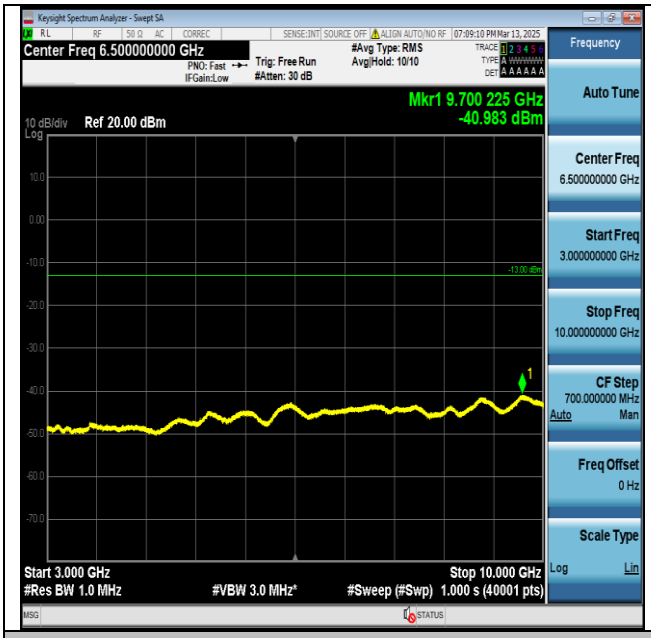

Band26(814-824)-10MHz-QPSK-26740-1RB#0-3000~10000-PASS

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Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VN	NT	-0.90	-0.001099	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VL	NT	-1.40	-0.001709	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	VH	NT	0.20	0.000244	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-30	0.10	0.000122	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-20	0.50	0.000611	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	-10	0.60	0.000733	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	0	-0.80	-0.000977	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	10	0.00	0.000000	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	20	-0.60	-0.000733	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	30	0.20	0.000244	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	40	0.40	0.000488	PASS
Band26(814-824)	10MHz	QPSK	26740	100RB#0	NV	50	0.30	0.000366	PASS

~The End~

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