



FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	LV	NT	-13.59	-0.016445	±2.5	PASS
Band5	4132	NV	NT	-11.04	-0.013359	±2.5	PASS
Band5	4132	HV	NT	-10.64	-0.012875	±2.5	PASS
Band5	4182	LV	NT	-8.47	-0.010127	±2.5	PASS
Band5	4182	NV	NT	-4.30	-0.005141	±2.5	PASS
Band5	4182	HV	NT	-9.77	-0.011681	±2.5	PASS
Band5	4233	LV	NT	-9.80	-0.011576	±2.5	PASS
Band5	4233	NV	NT	-10.59	-0.012509	±2.5	PASS
Band5	4233	HV	NT	-4.86	-0.005741	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-8.04	-0.009729	±2.5	PASS
Band5	4132	NV	-20	-8.09	-0.009789	±2.5	PASS
Band5	4132	NV	-10	-12.17	-0.014727	±2.5	PASS
Band5	4132	NV	0	-8.81	-0.010661	±2.5	PASS
Band5	4132	NV	10	-8.57	-0.010370	±2.5	PASS
Band5	4132	NV	20	-8.96	-0.010842	±2.5	PASS
Band5	4132	NV	30	-9.41	-0.011387	±2.5	PASS
Band5	4132	NV	40	-10.34	-0.012512	±2.5	PASS
Band5	4132	NV	50	-9.23	-0.011169	±2.5	PASS
Band5	4182	NV	-30	-10.29	-0.012303	±2.5	PASS
Band5	4182	NV	-20	-10.02	-0.011980	±2.5	PASS
Band5	4182	NV	-10	-10.79	-0.012901	±2.5	PASS
Band5	4182	NV	0	-12.62	-0.015088	±2.5	PASS
Band5	4182	NV	10	-6.92	-0.008274	±2.5	PASS
Band5	4182	NV	20	-5.89	-0.007042	±2.5	PASS
Band5	4182	NV	30	-7.03	-0.008405	±2.5	PASS
Band5	4182	NV	40	-9.45	-0.011298	±2.5	PASS
Band5	4182	NV	50	-12.22	-0.014610	±2.5	PASS
Band5	4233	NV	-30	-6.32	-0.007465	±2.5	PASS
Band5	4233	NV	-20	-8.62	-0.010182	±2.5	PASS
Band5	4233	NV	-10	-10.59	-0.012509	±2.5	PASS
Band5	4233	NV	0	-12.76	-0.015072	±2.5	PASS
Band5	4233	NV	10	-12.17	-0.014375	±2.5	PASS
Band5	4233	NV	20	-3.90	-0.004607	±2.5	PASS
Band5	4233	NV	30	-3.55	-0.004193	±2.5	PASS



Band5	4233	NV	40	-4.88	-0.005764	±2.5	PASS
Band5	4233	NV	50	-5.67	-0.006697	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency(MHz)	Limit Line(MHz)	Result
fL- MAX(Δf)	824.306887	≥824	PASS
fH+ MAX(Δf)	848.691263	≤849	

- Note :
1. |MAX(Δf)| = Max Deviation
 2. fL = Occ low channel f(-13dBm/MHz)
 3. fH = Occ High channel f(-13dBm/MHz)
 4. |MAX(Δf)| = 13.59Hz.



LTE BAND26 (INCLUDING LTE BAND5)

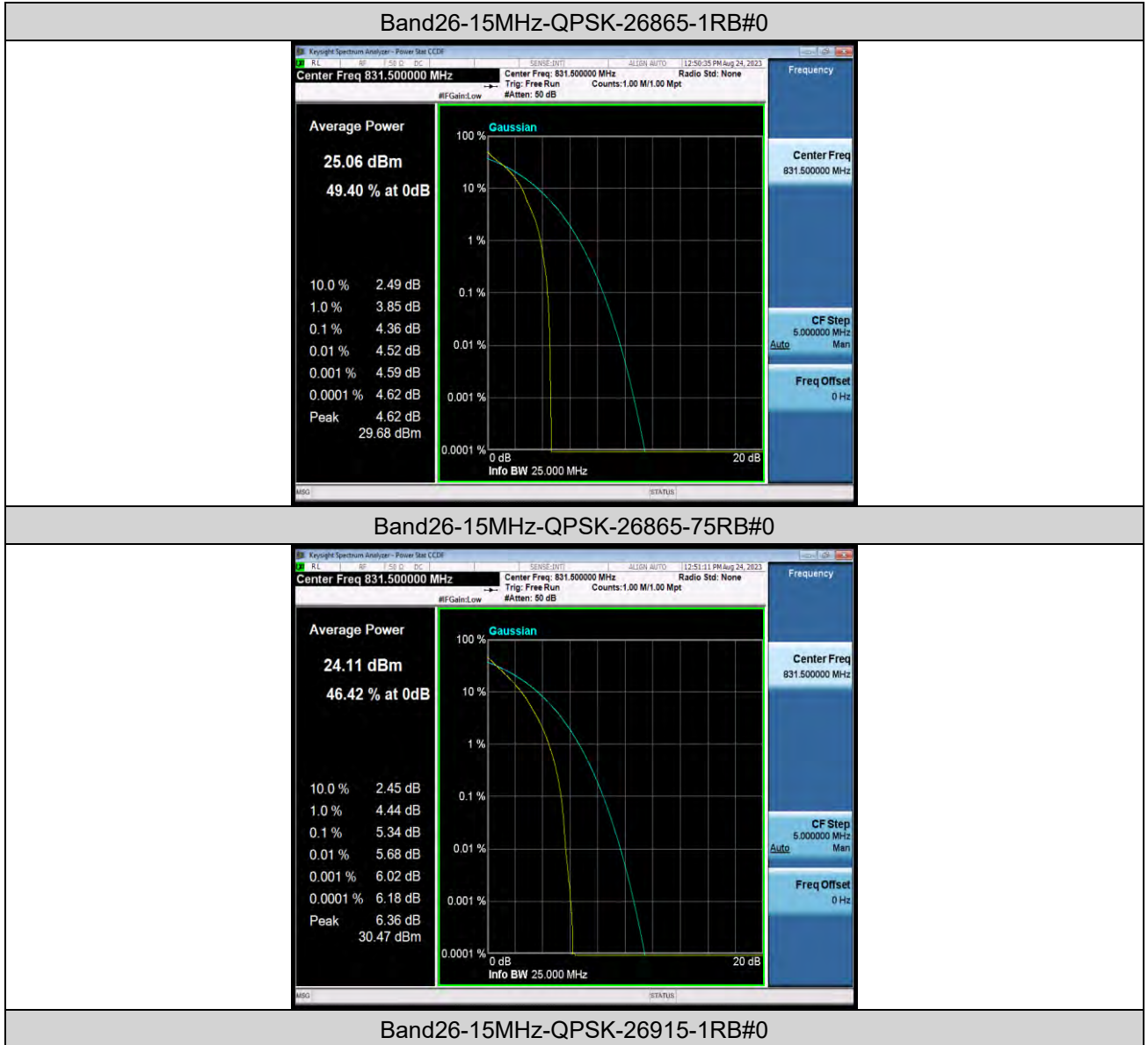
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	1RB#0	4.36	13	PASS
Band26	15MHz	QPSK	26865	75RB#0	5.34	13	PASS
Band26	15MHz	QPSK	26915	1RB#0	4.17	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.38	13	PASS
Band26	15MHz	QPSK	26965	1RB#0	4.32	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	5.39	13	PASS
Band26	15MHz	16QAM	26865	1RB#0	5.18	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	6.01	13	PASS
Band26	15MHz	16QAM	26915	1RB#0	5.11	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.05	13	PASS
Band26	15MHz	16QAM	26965	1RB#0	5.19	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	6.06	13	PASS
Band26	15MHz	64QAM	26865	1RB#0	5.16	13	PASS
Band26	15MHz	64QAM	26865	75RB#0	6.04	13	PASS
Band26	15MHz	64QAM	26915	1RB#0	5.11	13	PASS
Band26	15MHz	64QAM	26915	75RB#0	6.04	13	PASS
Band26	15MHz	64QAM	26965	1RB#0	5.23	13	PASS
Band26	15MHz	64QAM	26965	75RB#0	6.07	13	PASS



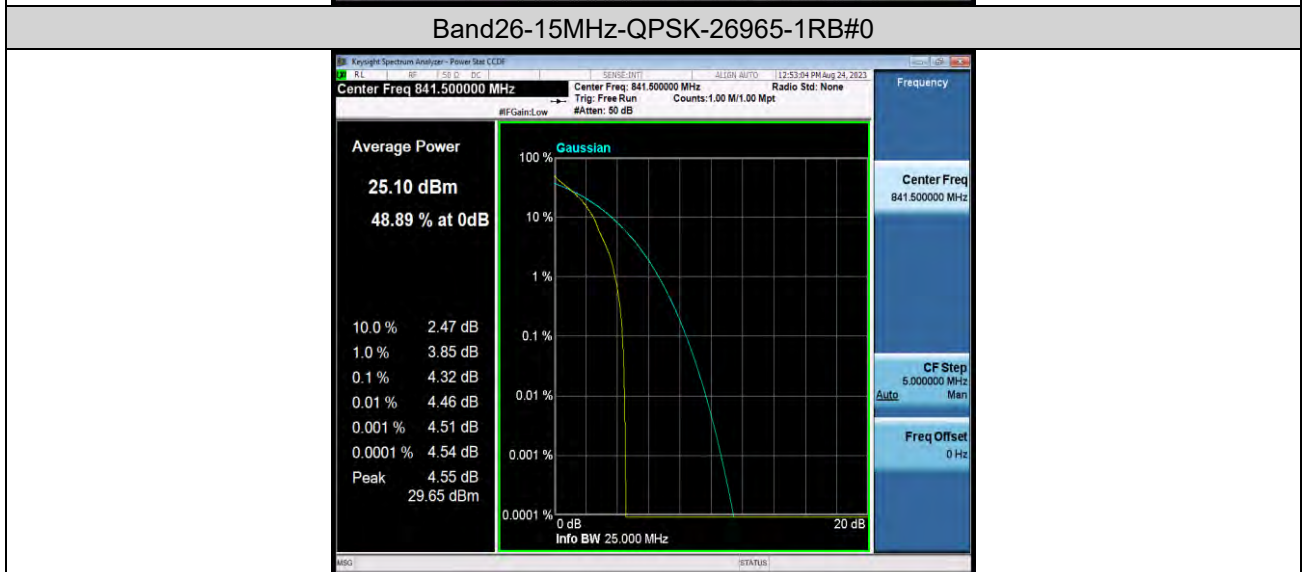
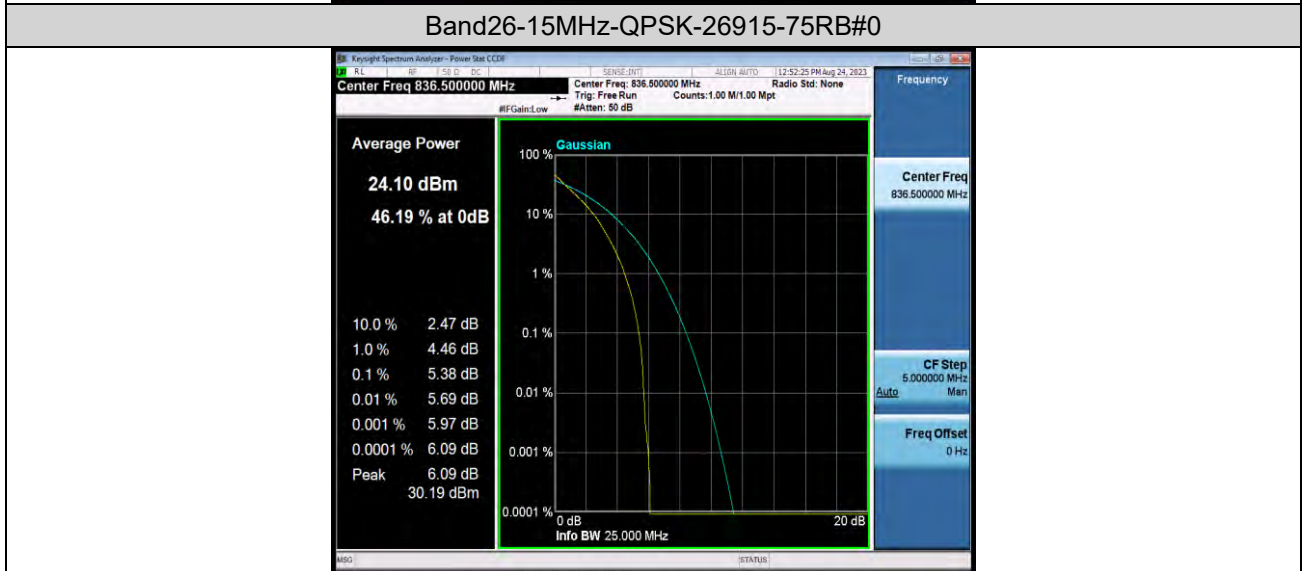
Test Graphs





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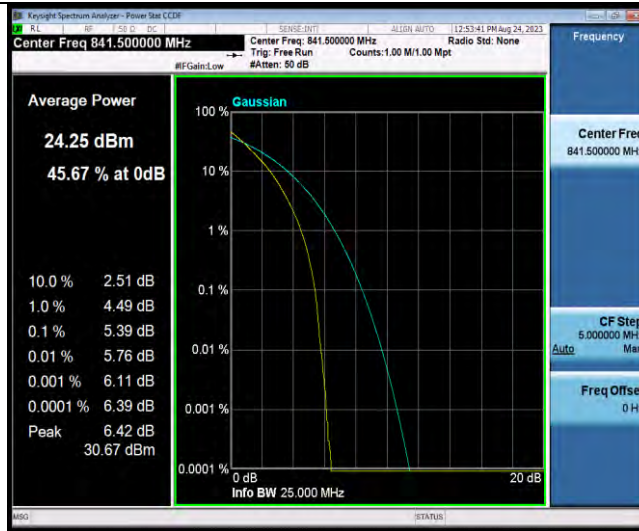
Test Report No.: W7L-P23080006RF04



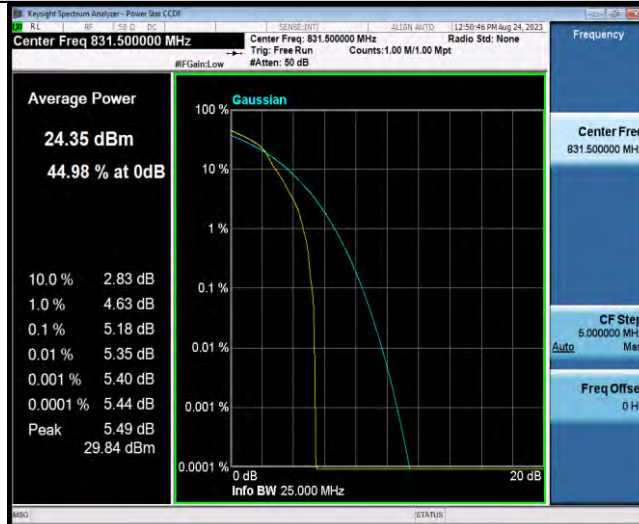


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Test Report No.: W7L-P23080006RF04



Band26-15MHz-16QAM-26865-1RB#0



Band26-15MHz-16QAM-26865-75RB#0

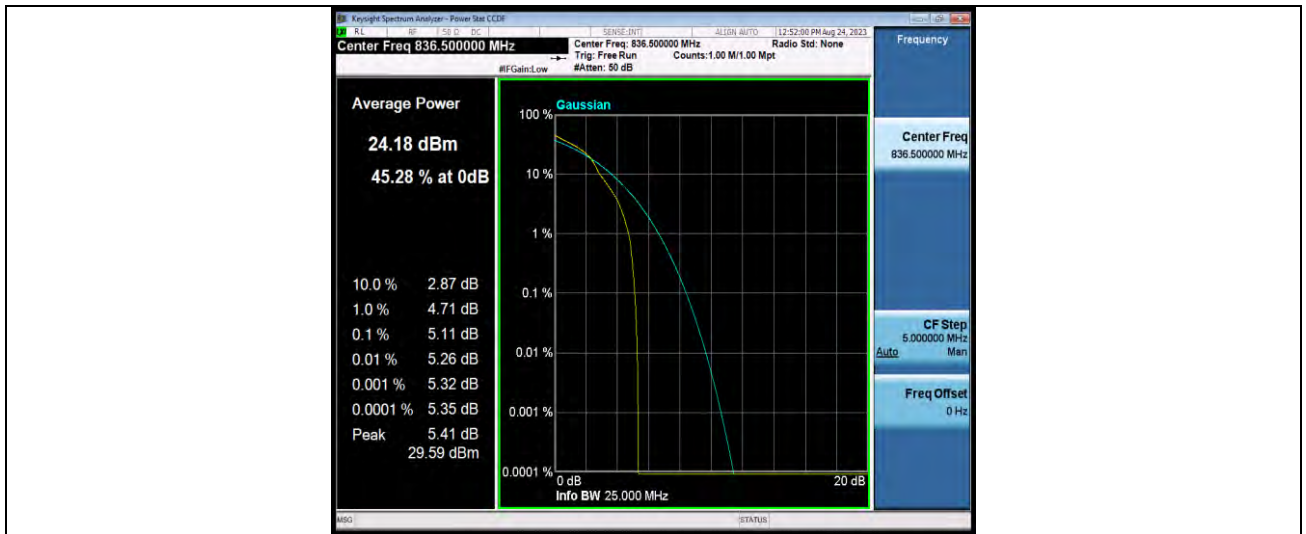


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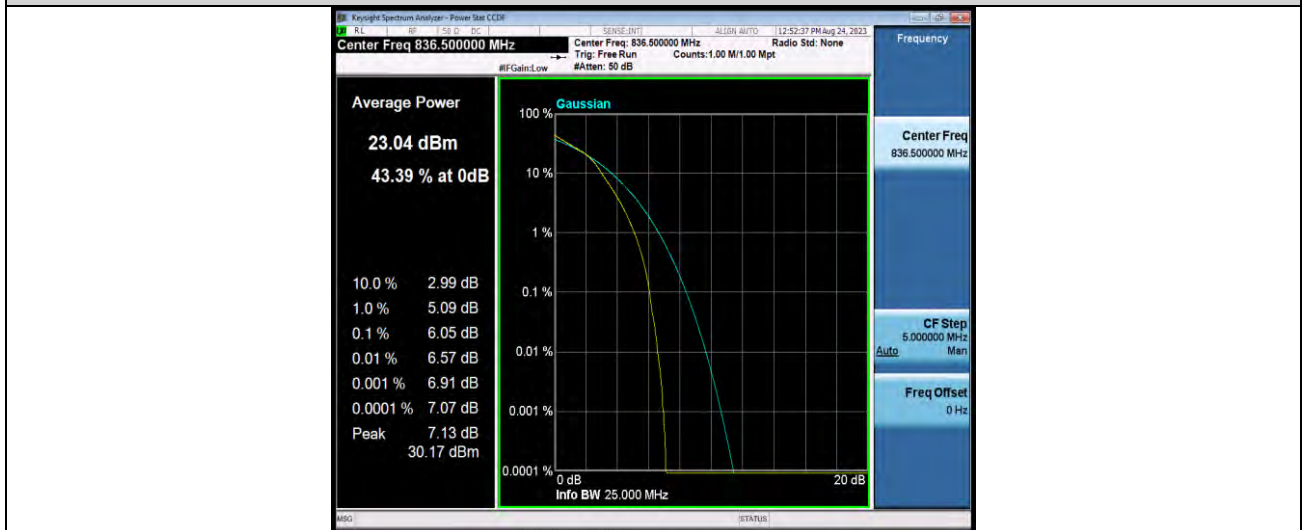


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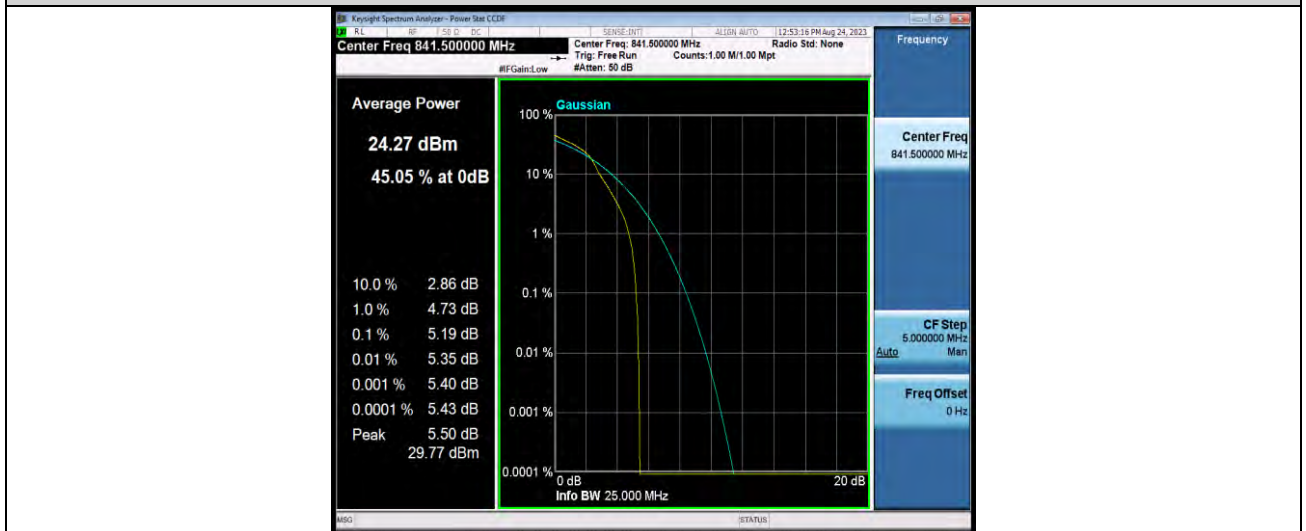
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Band26-15MHz-16QAM-26915-75RB#0



Band26-15MHz-16QAM-26965-1RB#0

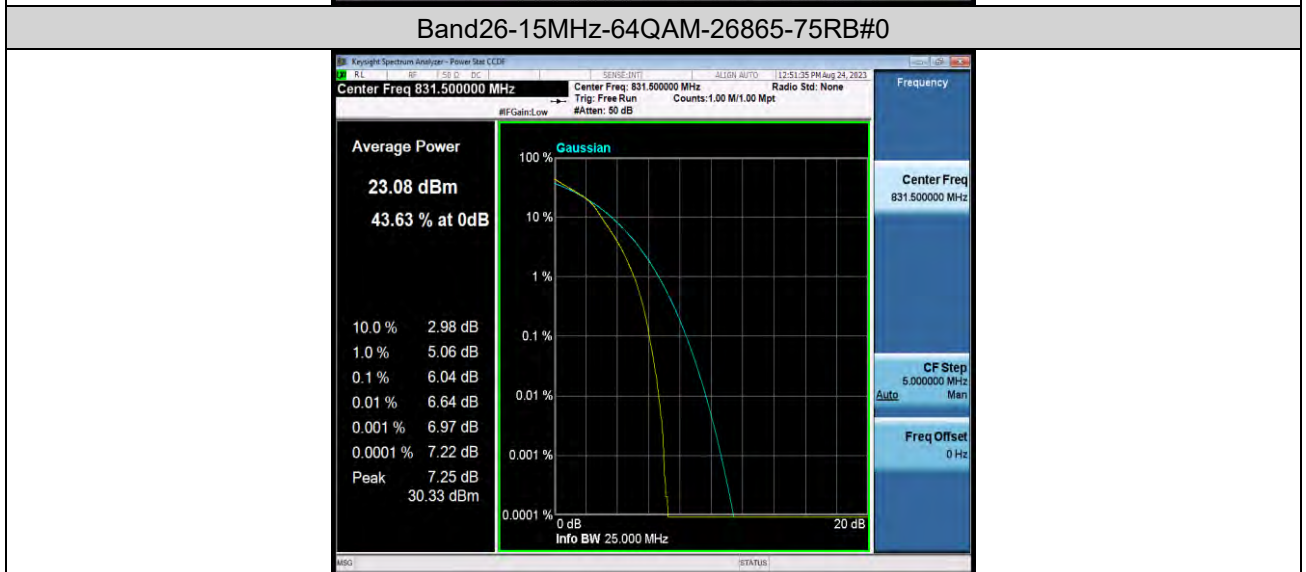
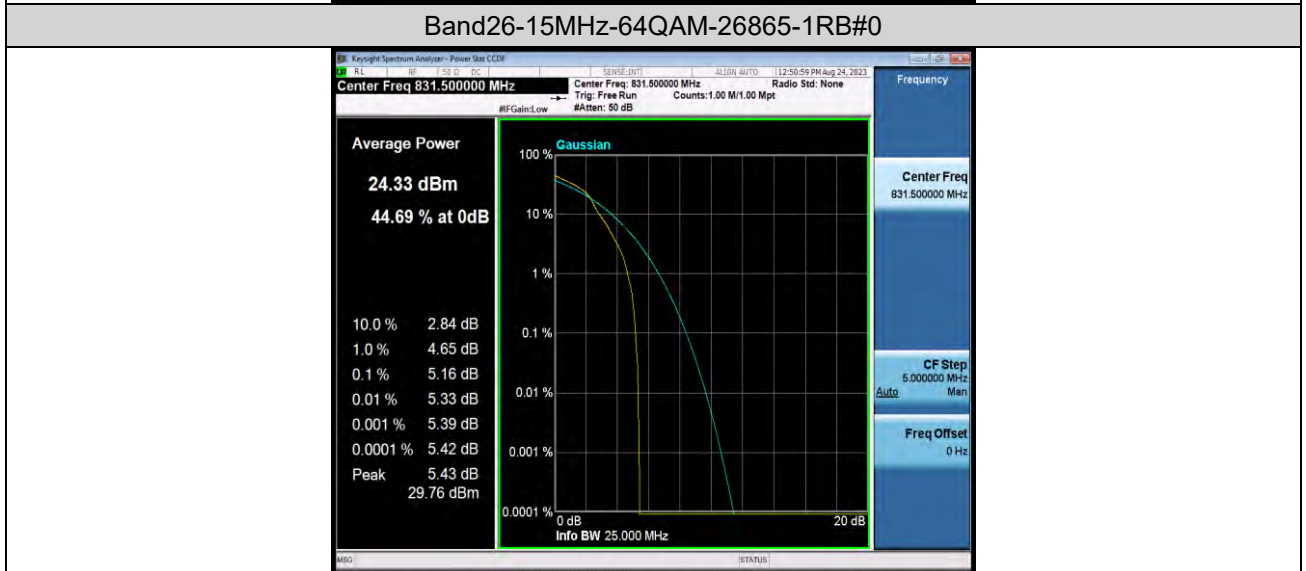
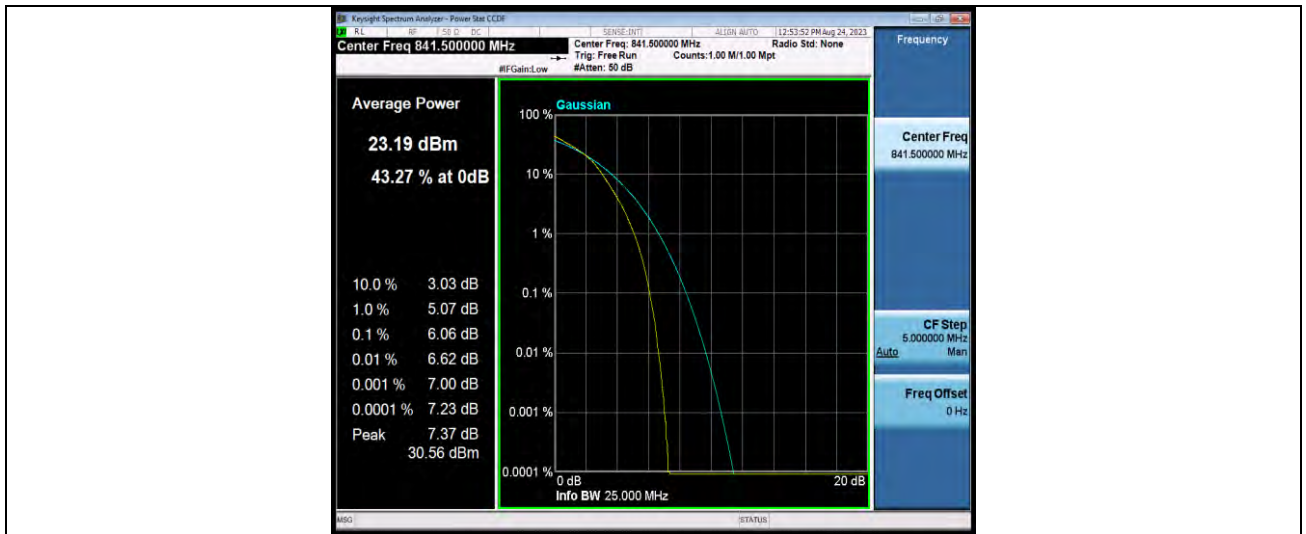


Band26-15MHz-16QAM-26965-75RB#0



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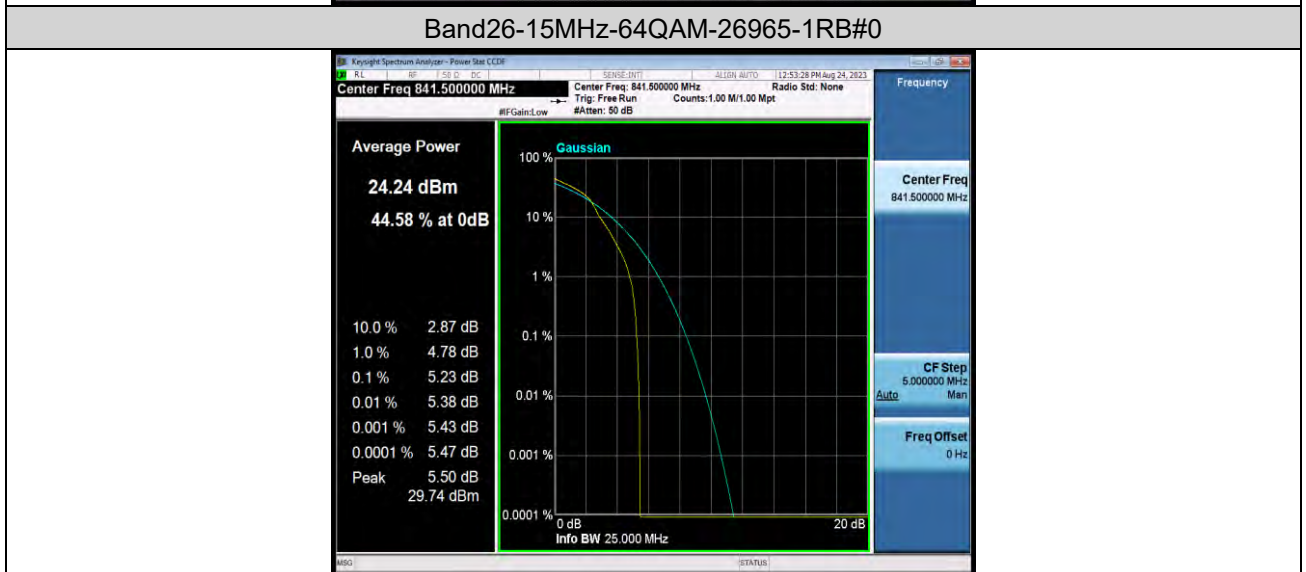
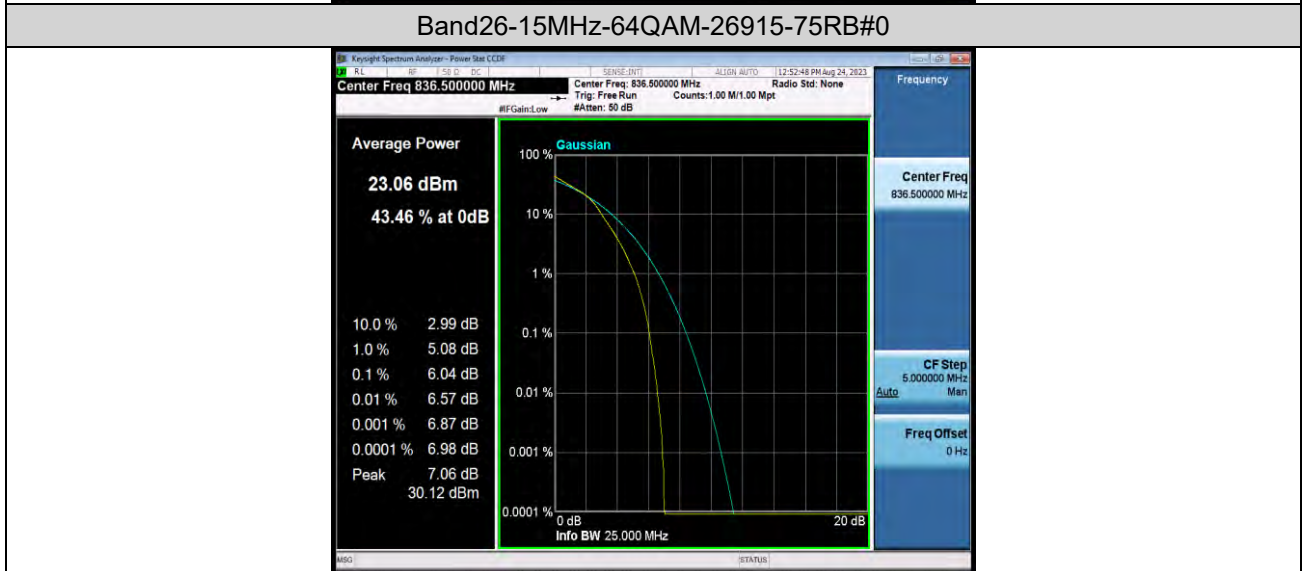
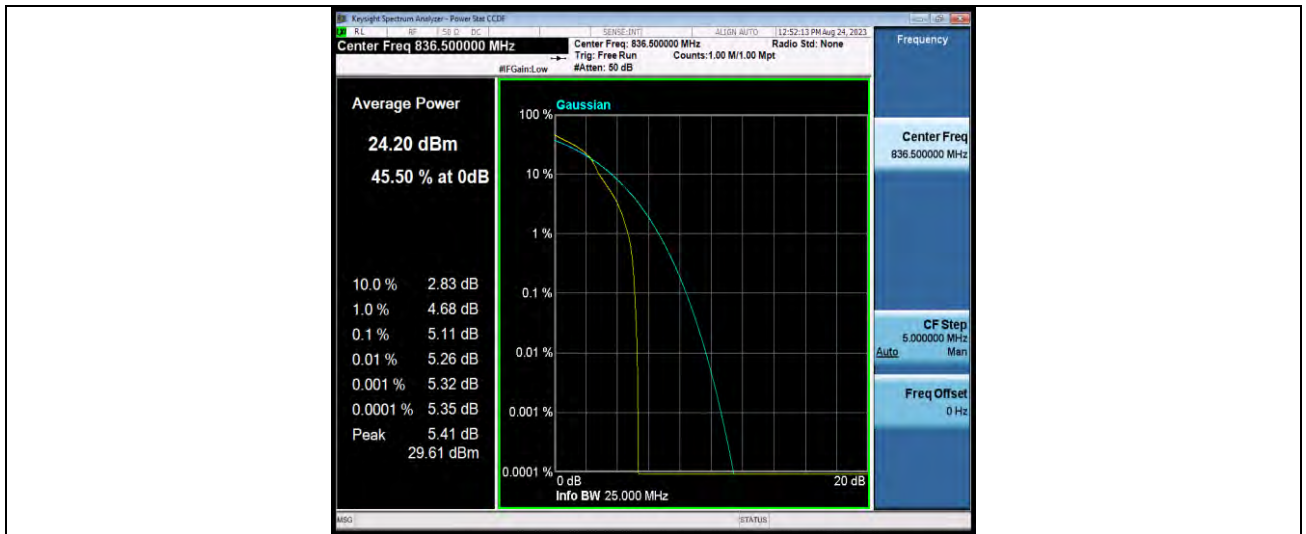
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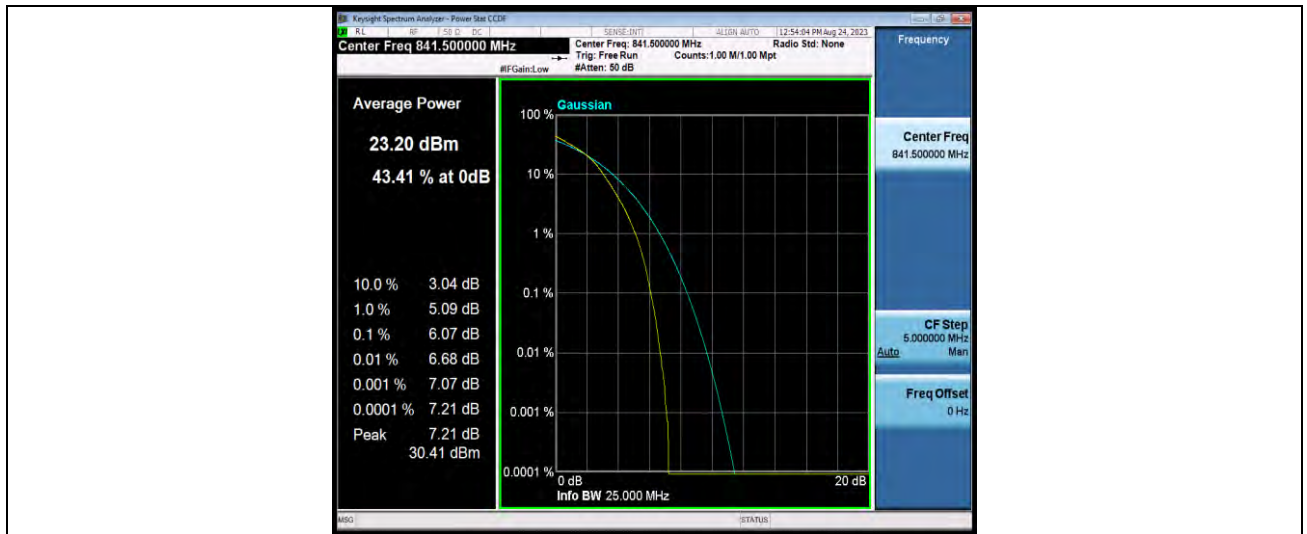
Test Report No.: W7L-P23080006RF04





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Test Report No.: W7L-P23080006RF04





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.0895	1.293	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.0893	1.295	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.0888	1.293	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.1007	1.311	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0996	1.311	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.0985	1.317	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	1.0975	1.313	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	1.1035	1.315	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	1.1016	1.312	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.6882	2.907	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.6843	2.910	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.6861	2.901	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.6864	2.893	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.6889	2.902	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6880	2.993	PASS
Band26	3MHz	64QAM	26805	15RB#0	2.6840	2.892	PASS
Band26	3MHz	64QAM	26915	15RB#0	2.6858	2.916	PASS
Band26	3MHz	64QAM	27025	15RB#0	2.6901	2.906	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.4963	4.916	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.4878	4.906	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.4928	4.901	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.5028	4.932	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.4951	4.936	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.4959	4.944	PASS
Band26	5MHz	64QAM	26815	25RB#0	4.5004	4.957	PASS
Band26	5MHz	64QAM	26915	25RB#0	4.4963	5.072	PASS
Band26	5MHz	64QAM	27015	25RB#0	4.4981	4.949	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9791	9.800	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.9994	9.804	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.9890	9.789	PASS
Band26	10MHz	16QAM	26840	50RB#0	9.0088	9.766	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.9975	9.780	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9980	9.773	PASS
Band26	10MHz	64QAM	26840	50RB#0	9.0051	9.713	PASS
Band26	10MHz	64QAM	26915	50RB#0	8.9837	9.818	PASS
Band26	10MHz	64QAM	26990	50RB#0	8.9868	9.776	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.467	14.79	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.449	14.75	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.465	14.80	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.464	14.65	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.454	14.59	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.479	14.60	PASS



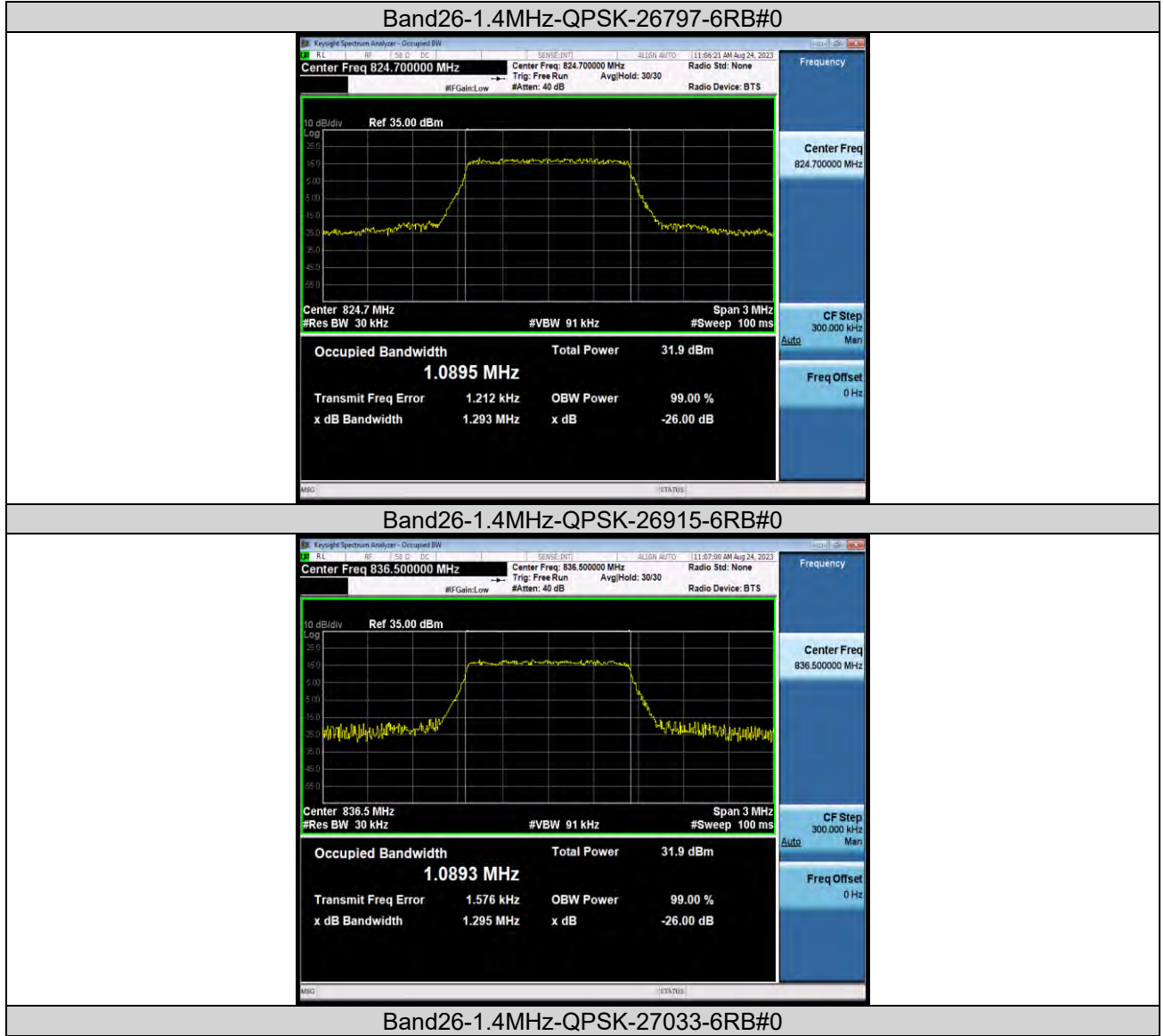
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Band26	15MHz	64QAM	26865	75RB#0	13.481	14.64	PASS
Band26	15MHz	64QAM	26915	75RB#0	13.464	14.63	PASS
Band26	15MHz	64QAM	26965	75RB#0	13.482	15.70	PASS



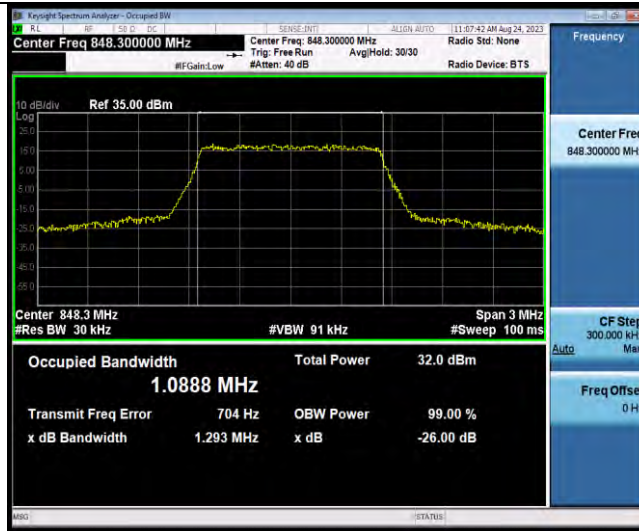
Test Graphs



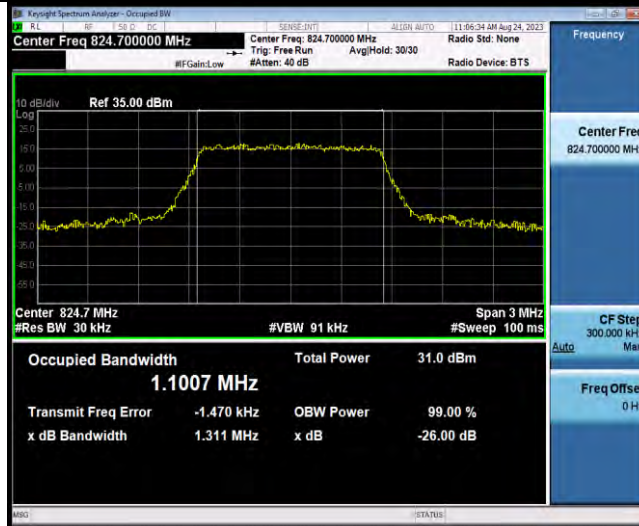


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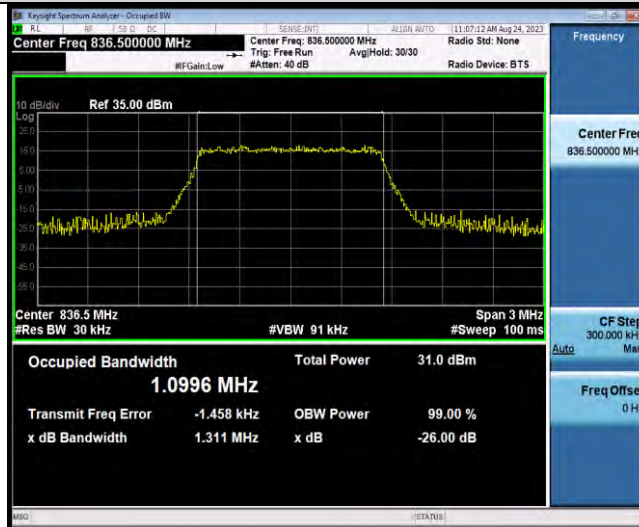
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Band26-1.4MHz-16QAM-26797-6RB#0



Band26-1.4MHz-16QAM-26915-6RB#0

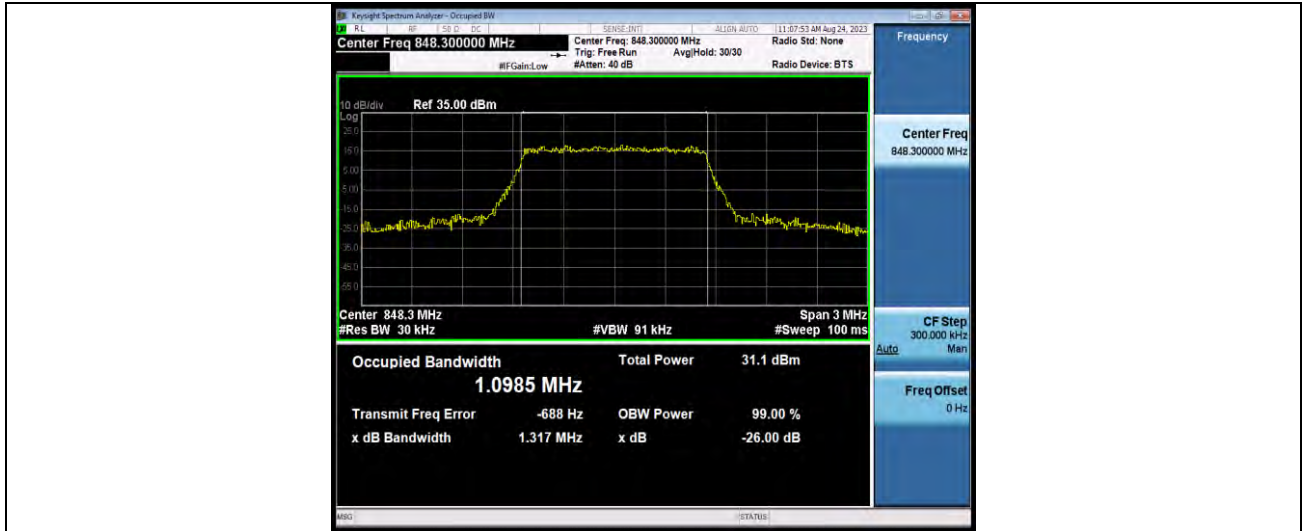


Band26-1.4MHz-16QAM-27033-6RB#0

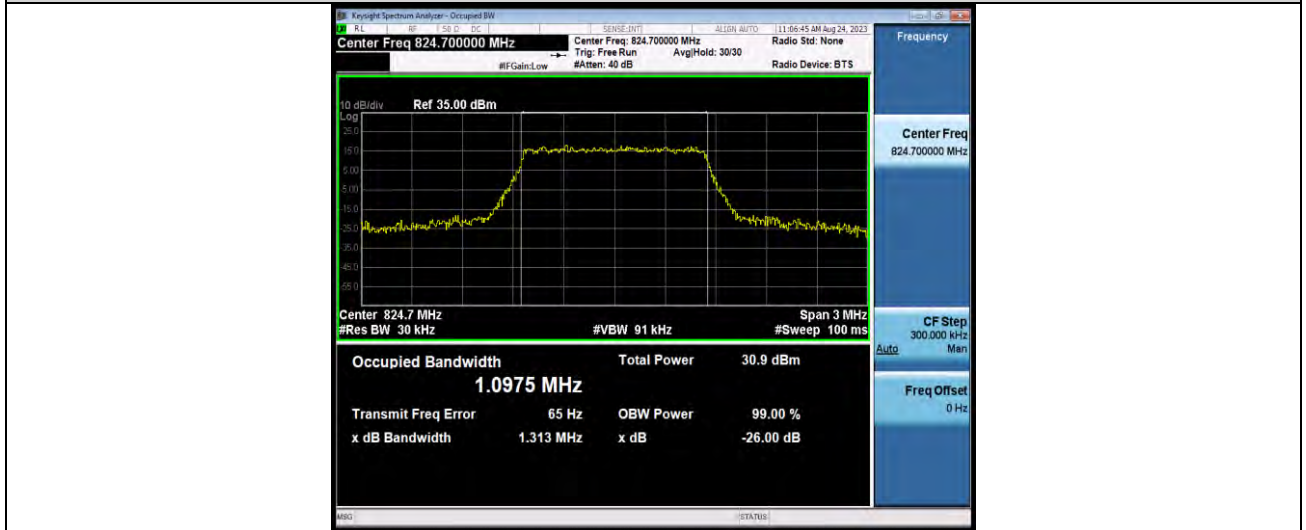


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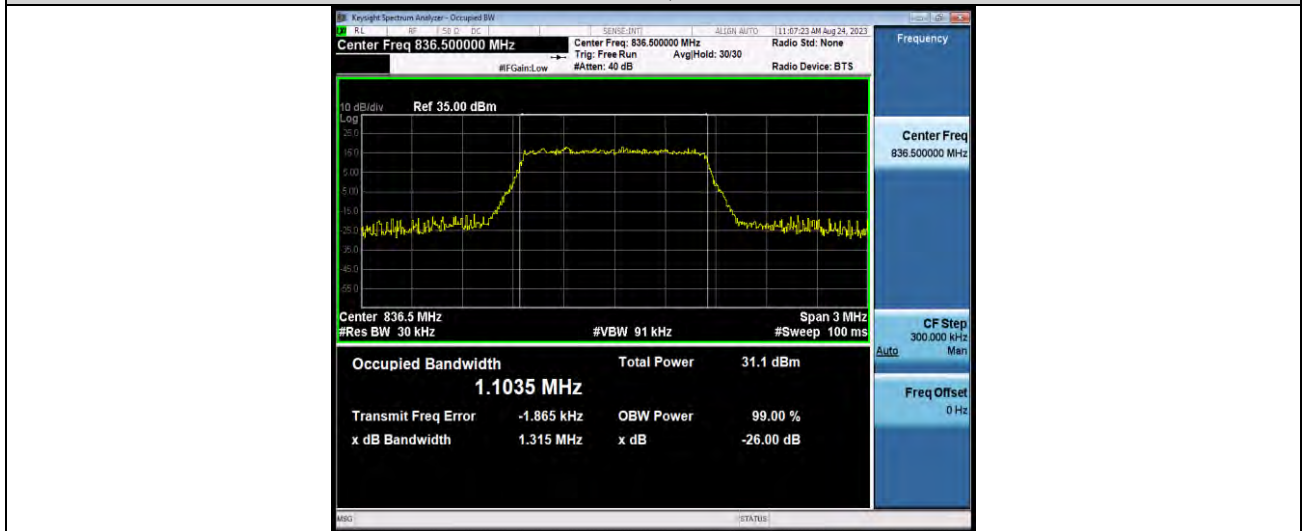
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Band26-1.4MHz-64QAM-26797-6RB#0



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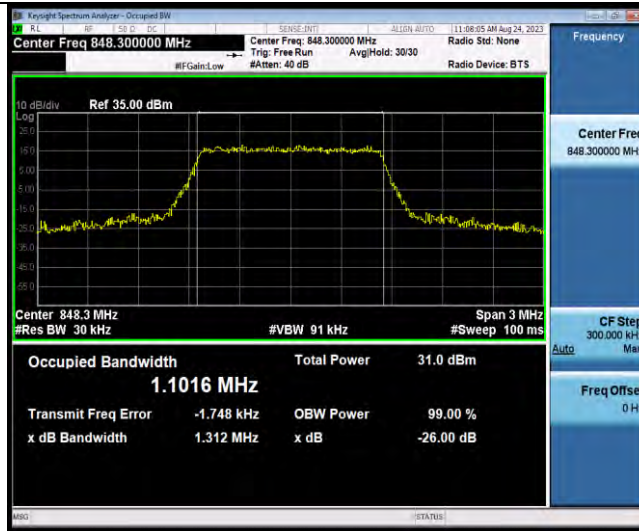


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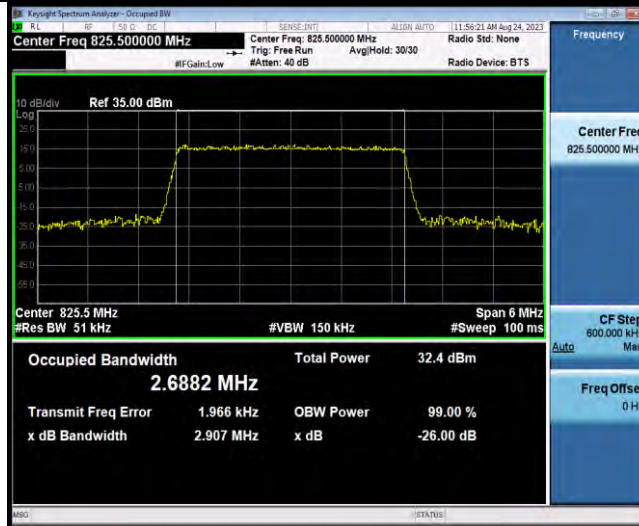


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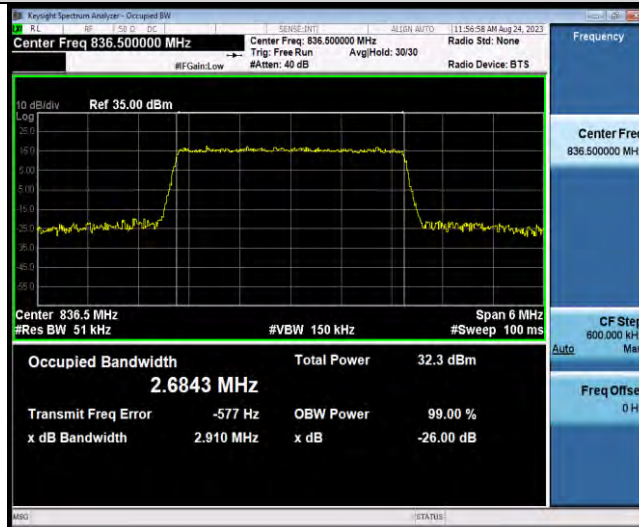
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Band26-3MHz-QPSK-26805-15RB#0



Band26-3MHz-QPSK-26915-15RB#0

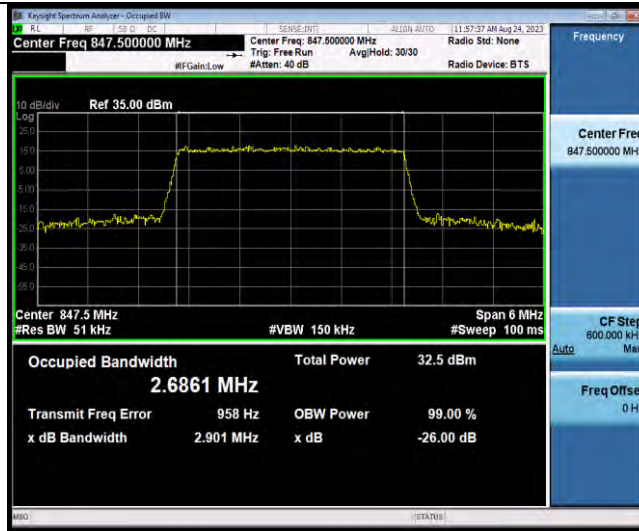


Band26-3MHz-QPSK-27025-15RB#0



BUREAU VERITAS

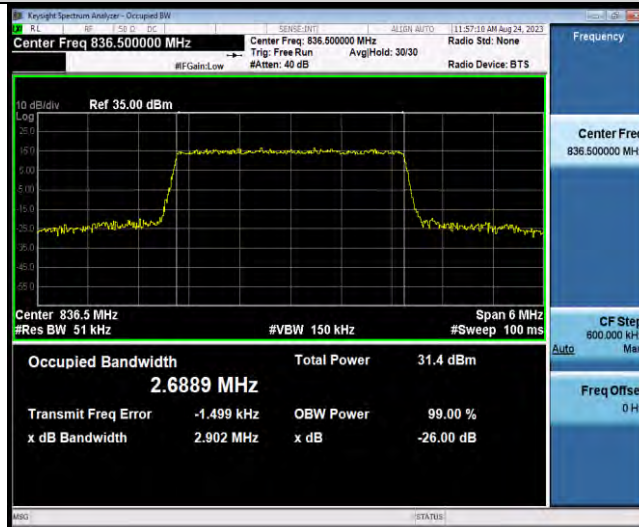
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Band26-3MHz-16QAM-26915-15RB#0

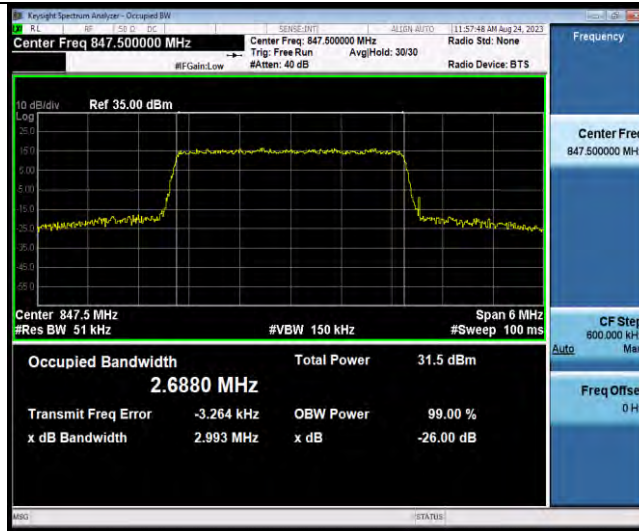


Band26-3MHz-16QAM-27025-15RB#0



BUREAU VERITAS

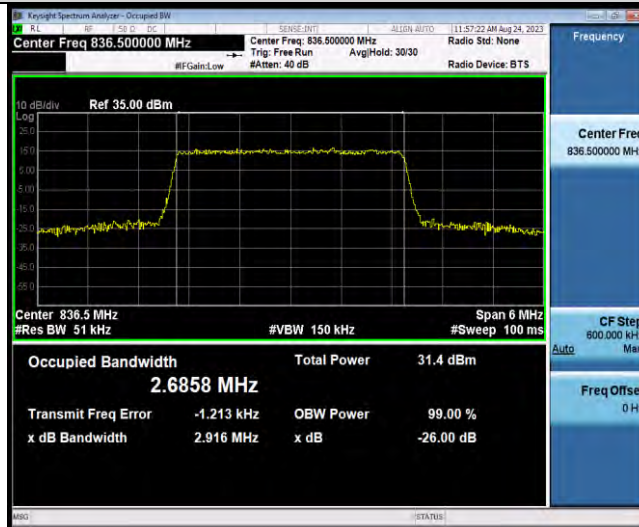
Test Report No.: W7L-P23080006RF04



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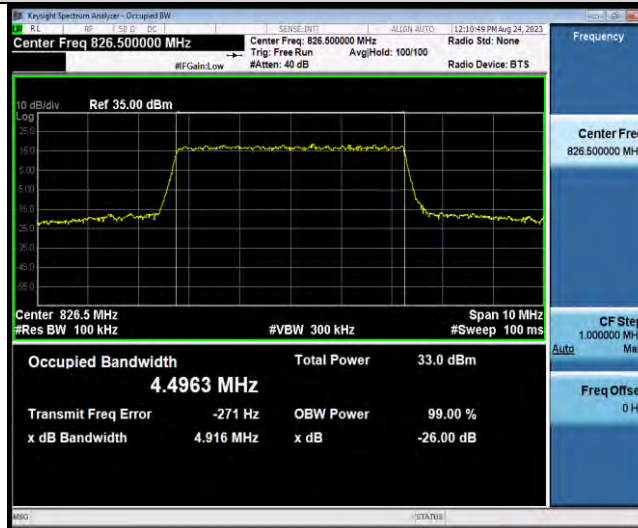


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-5MHz-QPSK-26815-25RB#0



Band26-5MHz-QPSK-26915-25RB#0



Band26-5MHz-QPSK-27015-25RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-5MHz-16QAM-26815-25RB#0



Band26-5MHz-16QAM-26915-25RB#0



Band26-5MHz-16QAM-27015-25RB#0



BUREAU VERITAS

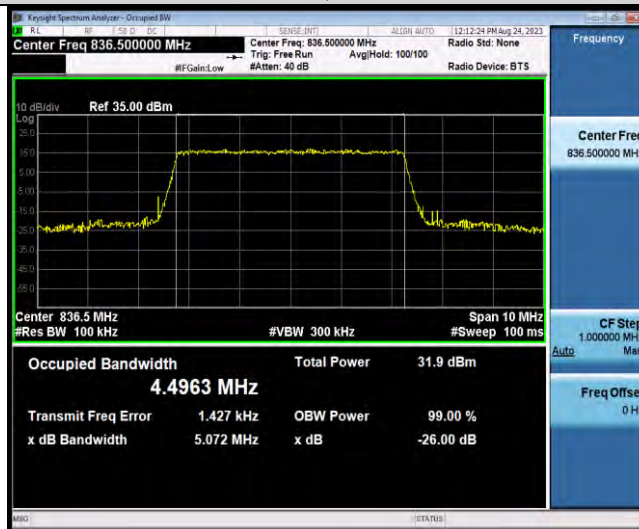
Test Report No.: W7L-P23080006RF04



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Band26-5MHz-64QAM-26915-25RB#0



Band26-5MHz-64QAM-27015-25RB#0

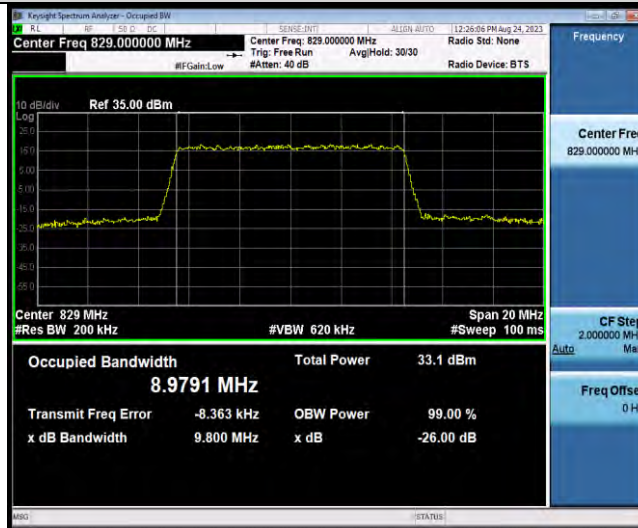


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-10MHz-QPSK-26840-50RB#0



Band26-10MHz-QPSK-26915-50RB#0



Band26-10MHz-QPSK-26990-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-10MHz-16QAM-26840-50RB#0



Band26-10MHz-16QAM-26915-50RB#0



Band26-10MHz-16QAM-26990-50RB#0



BUREAU VERITAS

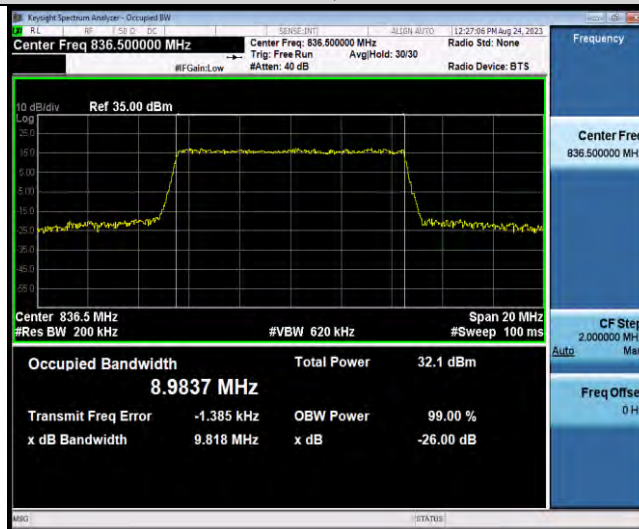
Test Report No.: W7L-P23080006RF04



Band26-10MHz-64QAM-26840-50RB#0



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BUREAU VERITAS

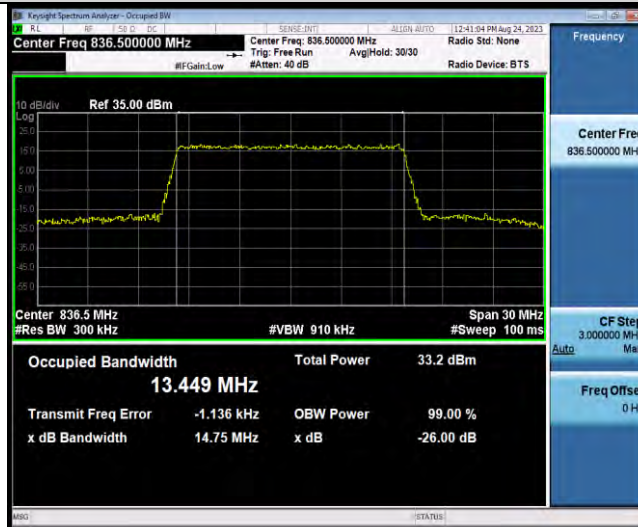
Test Report No.: W7L-P23080006RF04



Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26915-75RB#0



Band26-15MHz-QPSK-26965-75RB#0

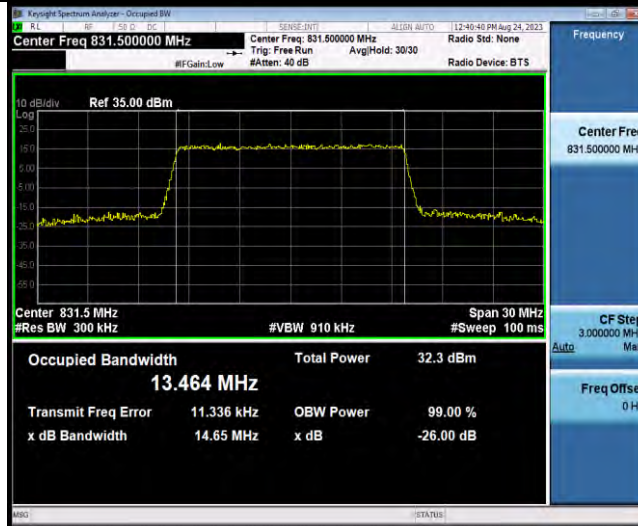


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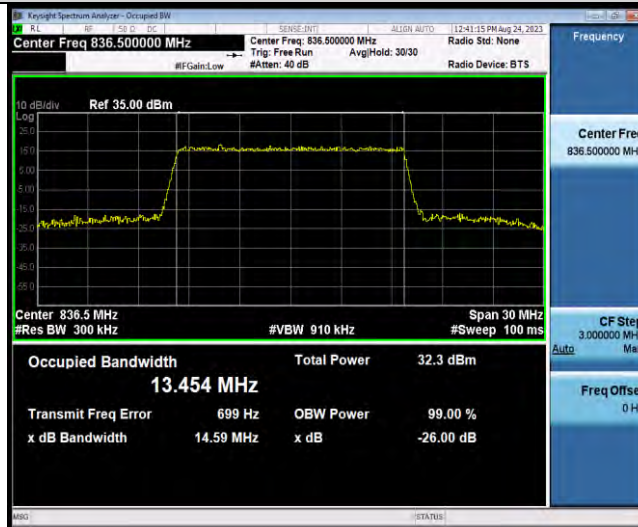
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Band26-15MHz-16QAM-26865-75RB#0



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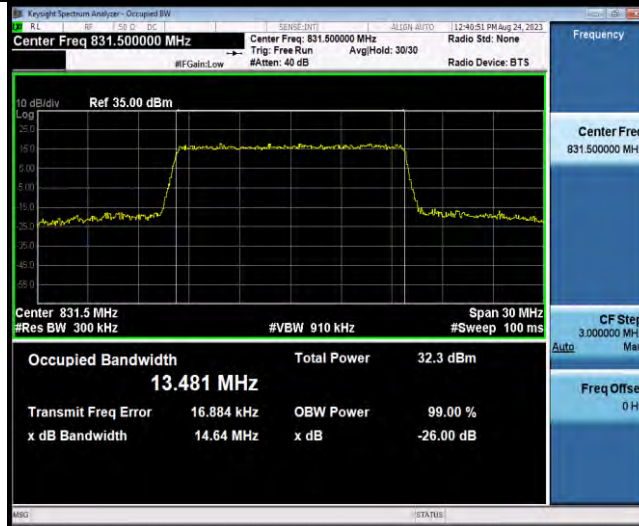


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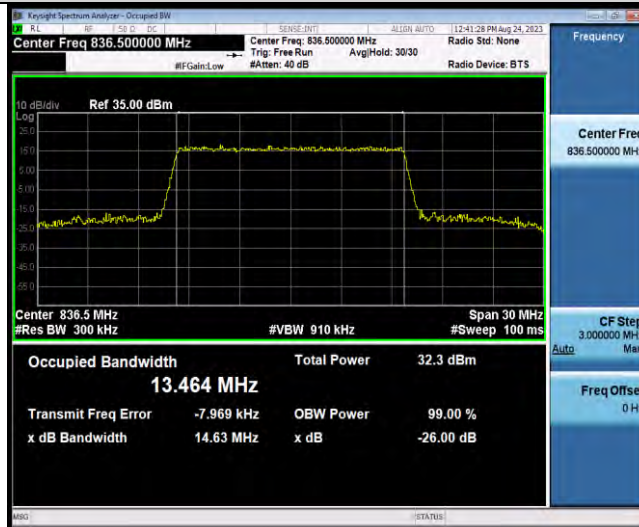
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Band26-15MHz-64QAM-26865-75RB#0



Band26-15MHz-64QAM-26915-75RB#0



Band26-15MHz-64QAM-26965-75RB#0



**BUREAU
VERITAS**

Test Report No.: W7L-P23080006RF04





BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	-48.48,-22.91	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-36.11,-29.81	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	-22.09,-48.73	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-29.07,-37.72	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	-48.63,-23.73	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-36.14,-27.97	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	-20.29,-48.78	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-30.28,-38.51	PASS
Band26	1.4MHz	64QAM	26797	1RB#0	-48.25,-24.46	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	-36.29,-28.26	PASS
Band26	1.4MHz	64QAM	27033	1RB#5	-23.98,-48.94	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	-30.04,-38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	-49.14,-20.46	PASS
Band26	3MHz	QPSK	26805	15RB#0	-33.60,-30.15	PASS
Band26	3MHz	QPSK	27025	1RB#14	-21.55,-48.73	PASS
Band26	3MHz	QPSK	27025	15RB#0	-29.38,-33.91	PASS
Band26	3MHz	16QAM	26805	1RB#0	-49.00,-25.98	PASS
Band26	3MHz	16QAM	26805	15RB#0	-33.76,-29.94	PASS
Band26	3MHz	16QAM	27025	1RB#14	-26.81,-48.81	PASS
Band26	3MHz	16QAM	27025	15RB#0	-31.08,-36.12	PASS
Band26	3MHz	64QAM	26805	1RB#0	-48.47,-25.70	PASS
Band26	3MHz	64QAM	26805	15RB#0	-34.10,-29.59	PASS
Band26	3MHz	64QAM	27025	1RB#14	-26.87,-48.15	PASS
Band26	3MHz	64QAM	27025	15RB#0	-30.92,-35.76	PASS
Band26	5MHz	QPSK	26815	1RB#0	-49.00,-24.53	PASS
Band26	5MHz	QPSK	26815	25RB#0	-35.26,-30.75	PASS
Band26	5MHz	QPSK	27015	1RB#24	-29.10,-49.89	PASS
Band26	5MHz	QPSK	27015	25RB#0	-30.67,-34.67	PASS
Band26	5MHz	16QAM	26815	1RB#0	-48.78,-24.28	PASS
Band26	5MHz	16QAM	26815	25RB#0	-35.54,-32.93	PASS
Band26	5MHz	16QAM	27015	1RB#24	-25.29,-49.54	PASS
Band26	5MHz	16QAM	27015	25RB#0	-33.39,-37.68	PASS
Band26	5MHz	64QAM	26815	1RB#0	-48.91,-27.03	PASS
Band26	5MHz	64QAM	26815	25RB#0	-34.94,-32.72	PASS
Band26	5MHz	64QAM	27015	1RB#24	-25.98,-49.12	PASS
Band26	5MHz	64QAM	27015	25RB#0	-33.63,-36.80	PASS
Band26	10MHz	QPSK	26840	1RB#0	-49.67,-29.73	PASS
Band26	10MHz	QPSK	26840	50RB#0	-37.02,-30.56	PASS
Band26	10MHz	QPSK	26990	1RB#49	-30.20,-50.41	PASS
Band26	10MHz	QPSK	26990	50RB#0	-31.85,-37.22	PASS
Band26	10MHz	16QAM	26840	1RB#0	-50.36,-30.12	PASS
Band26	10MHz	16QAM	26840	50RB#0	-38.09,-31.56	PASS
Band26	10MHz	16QAM	26990	1RB#49	-30.93,-50.89	PASS
Band26	10MHz	16QAM	26990	50RB#0	-33.93,-39.77	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23080006RF04

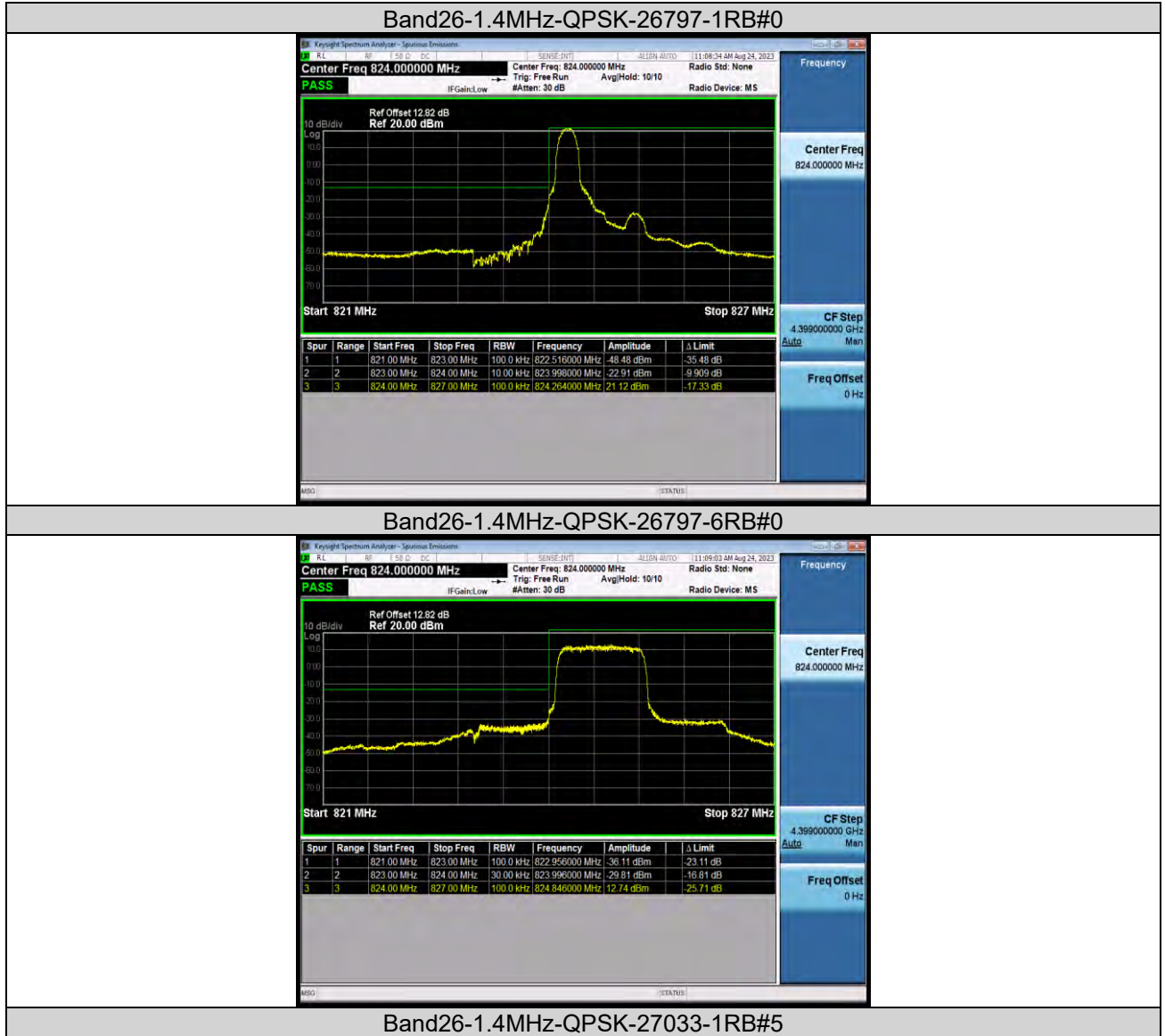
Band26	10MHz	64QAM	26840	1RB#0	-50.13,-32.32	PASS
Band26	10MHz	64QAM	26840	50RB#0	-38.58,-31.43	PASS
Band26	10MHz	64QAM	26990	1RB#49	-32.10,-50.67	PASS
Band26	10MHz	64QAM	26990	50RB#0	-33.85,-39.67	PASS
Band26	15MHz	QPSK	26865	1RB#0	-51.16,-32.81	PASS
Band26	15MHz	QPSK	26865	75RB#0	-37.18,-31.11	PASS
Band26	15MHz	QPSK	26965	1RB#74	-35.17,-51.88	PASS
Band26	15MHz	QPSK	26965	75RB#0	-30.92,-38.59	PASS
Band26	15MHz	16QAM	26865	1RB#0	-51.13,-35.30	PASS
Band26	15MHz	16QAM	26865	75RB#0	-39.40,-34.49	PASS
Band26	15MHz	16QAM	26965	1RB#74	-35.87,-51.49	PASS
Band26	15MHz	16QAM	26965	75RB#0	-34.81,-41.29	PASS
Band26	15MHz	64QAM	26865	1RB#0	-51.19,-36.82	PASS
Band26	15MHz	64QAM	26865	75RB#0	-38.98,-34.53	PASS
Band26	15MHz	64QAM	26965	1RB#74	-34.90,-51.89	PASS
Band26	15MHz	64QAM	26965	75RB#0	-35.04,-41.09	PASS



BUREAU VERITAS

Test Report No.: W7L-P23080006RF04

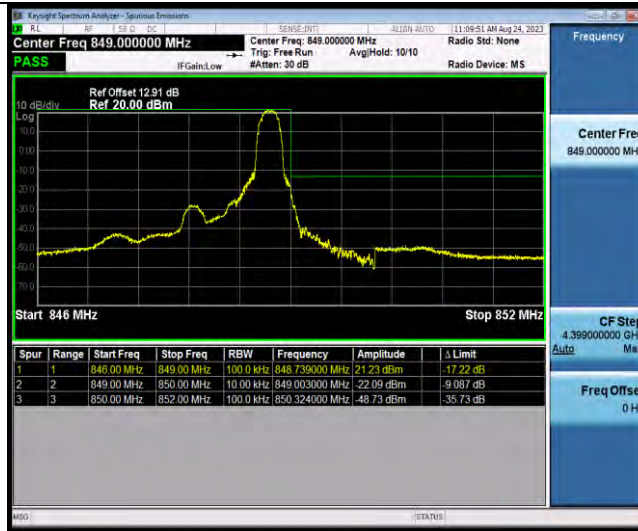
Test Graphs



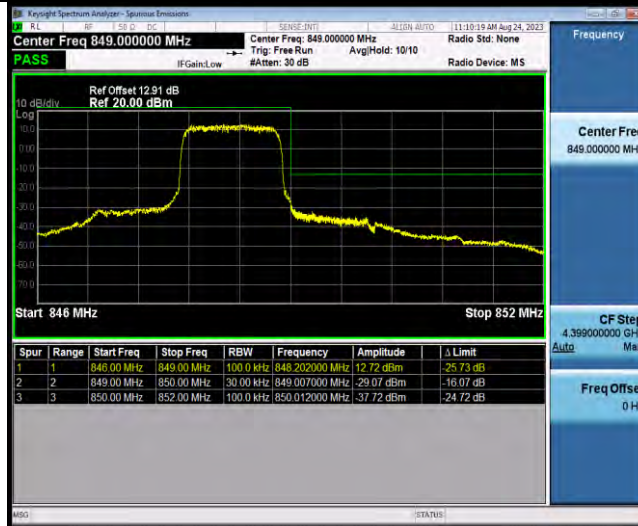


**BUREAU
VERITAS**

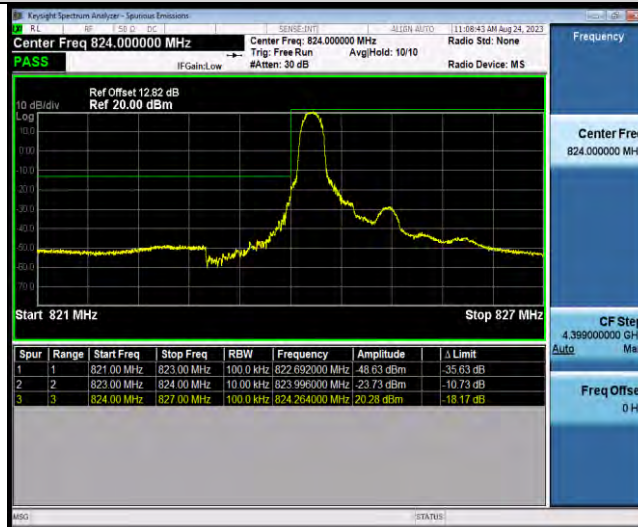
Test Report No.: W7L-P23080006RF04



Band26-1.4MHz-QPSK-27033-6RB#0



Band26-1.4MHz-16QAM-26797-1RB#0

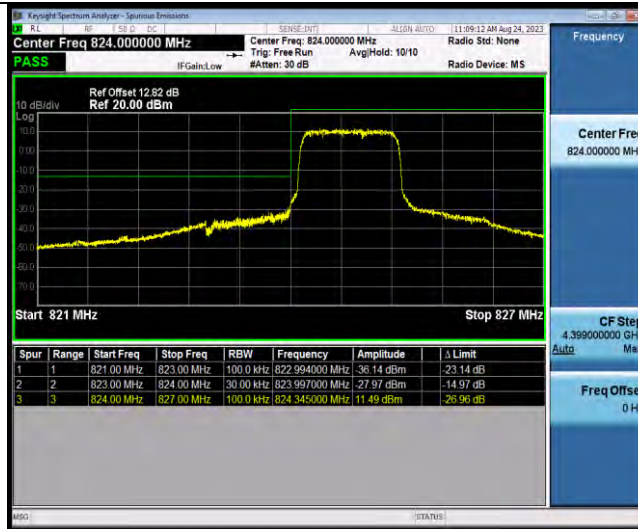


Band26-1.4MHz-16QAM-26797-6RB#0

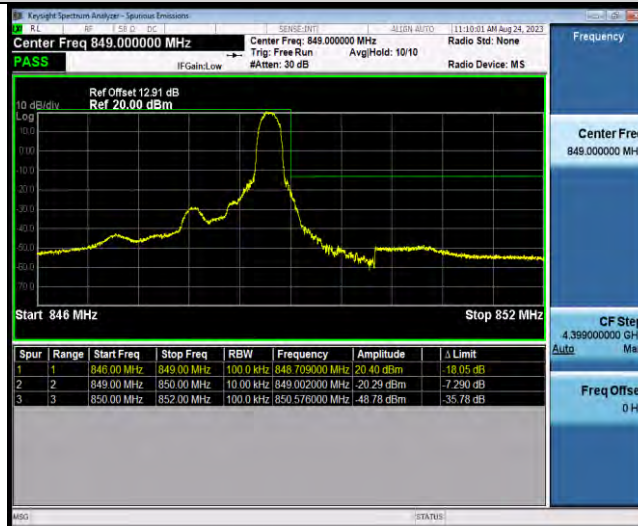


**BUREAU
VERITAS**

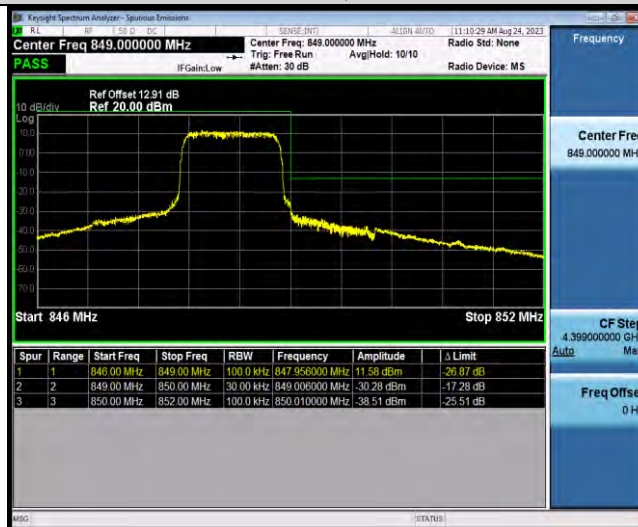
Test Report No.: W7L-P23080006RF04



Band26-1.4MHz-16QAM-27033-1RB#5



Band26-1.4MHz-16QAM-27033-6RB#0

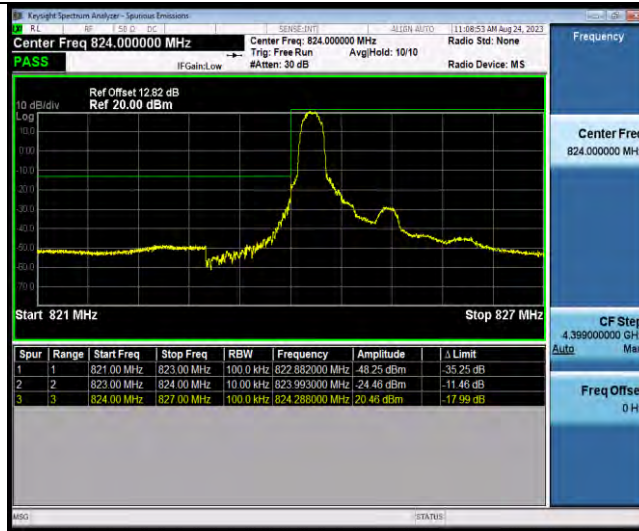


Band26-1.4MHz-64QAM-26797-1RB#0

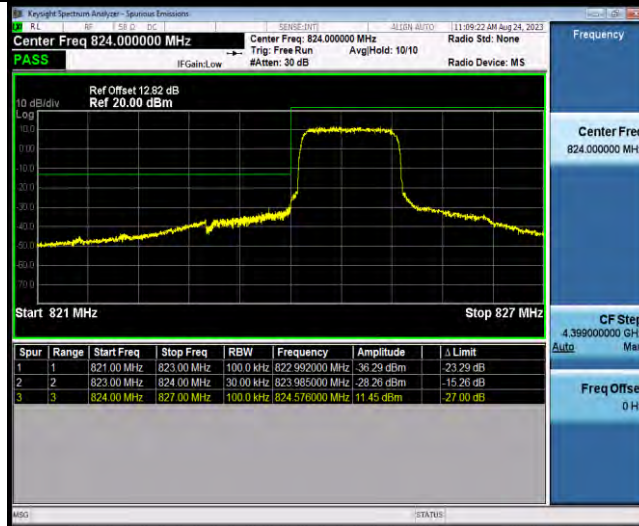


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Test Report No.: W7L-P23080006RF04



Band26-1.4MHz-64QAM-26797-6RB#0



Band26-1.4MHz-64QAM-27033-1RB#5



Band26-1.4MHz-64QAM-27033-6RB#0



BUREAU VERITAS

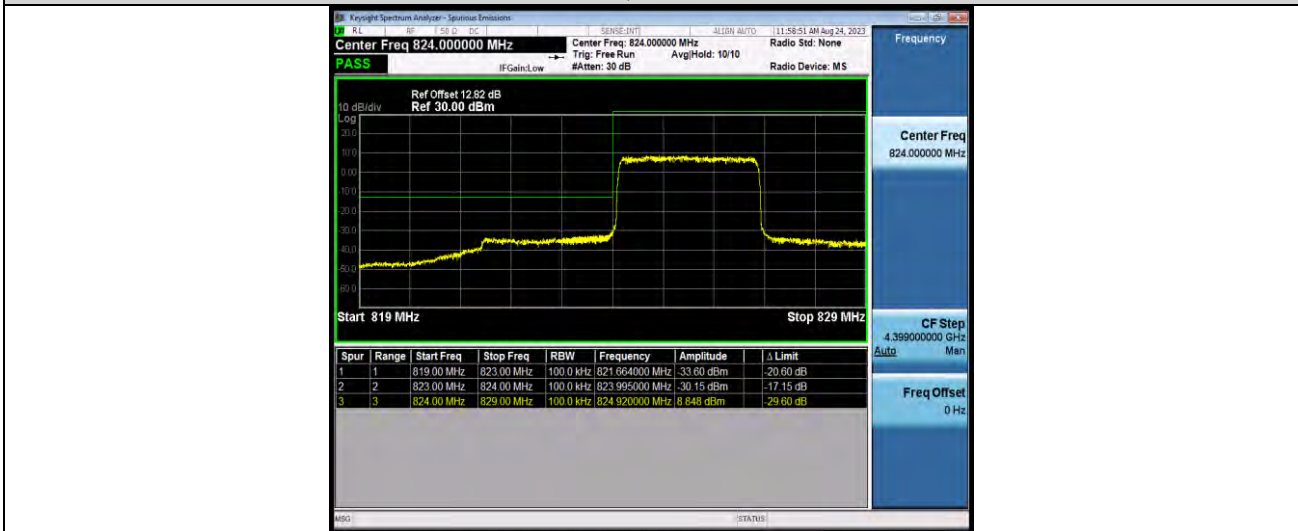
Test Report No.: W7L-P23080006RF04



Band26-3MHz-QPSK-26805-1RB#0



Band26-3MHz-QPSK-26805-15RB#0



Band26-3MHz-QPSK-27025-1RB#14

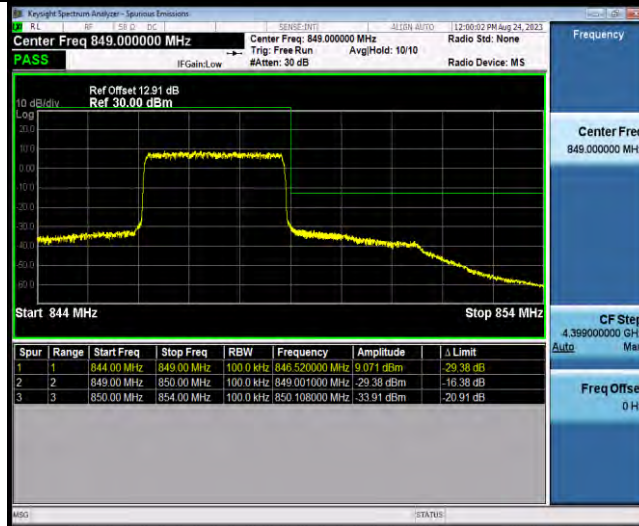


BUREAU VERITAS

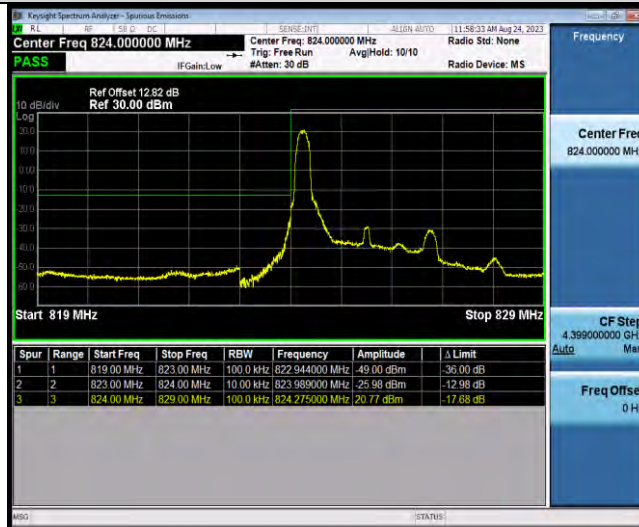
Test Report No.: W7L-P23080006RF04



Band26-3MHz-QPSK-27025-15RB#0



Band26-3MHz-16QAM-26805-1RB#0

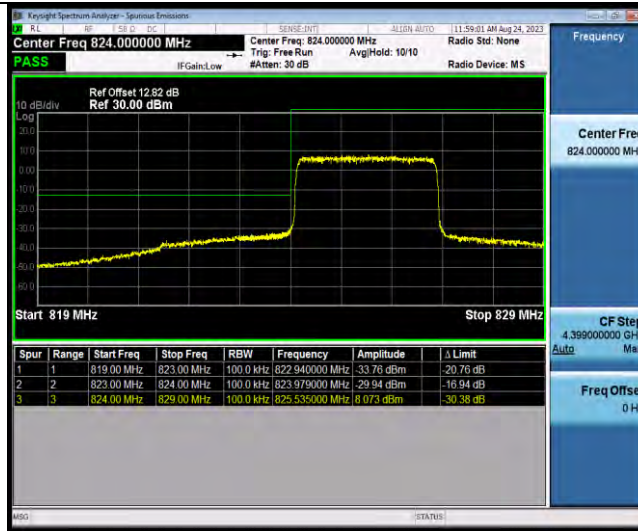


Band26-3MHz-16QAM-26805-15RB#0



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VERITAS**

Test Report No.: W7L-P23080006RF04



Band26-3MHz-16QAM-27025-1RB#14



Band26-3MHz-16QAM-27025-15RB#0

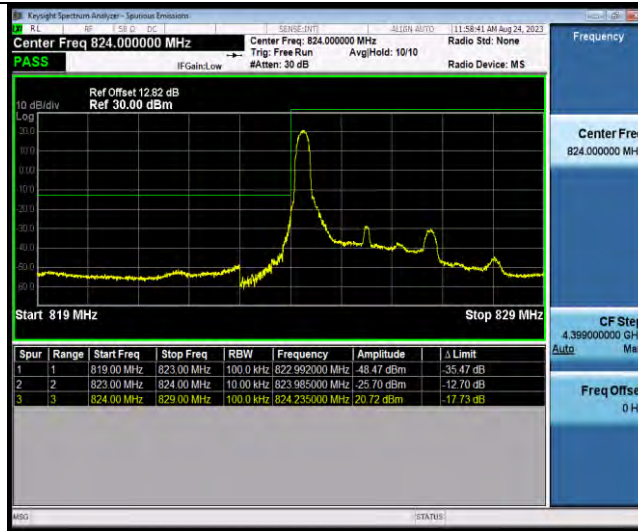


Band26-3MHz-64QAM-26805-1RB#0

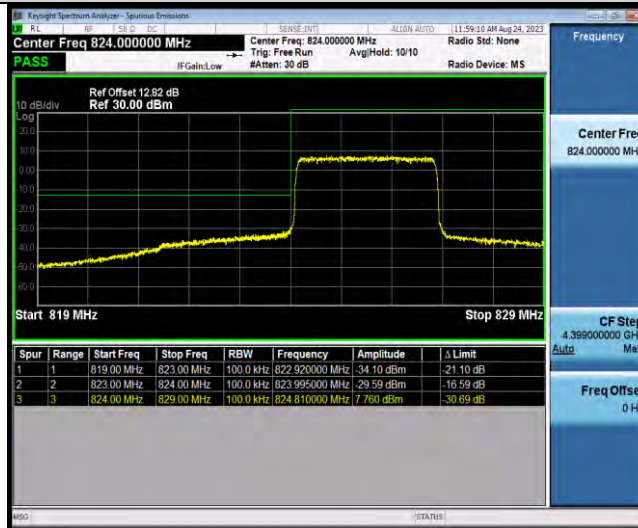


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-3MHz-64QAM-26805-15RB#0



Band26-3MHz-64QAM-27025-1RB#14



Band26-3MHz-64QAM-27025-15RB#0

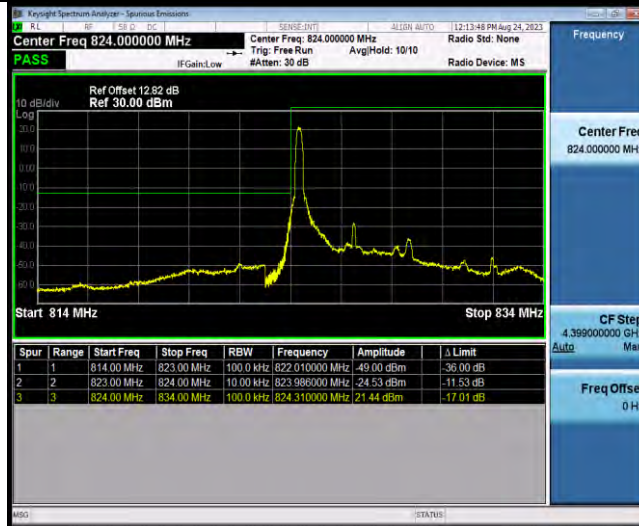


BUREAU VERITAS

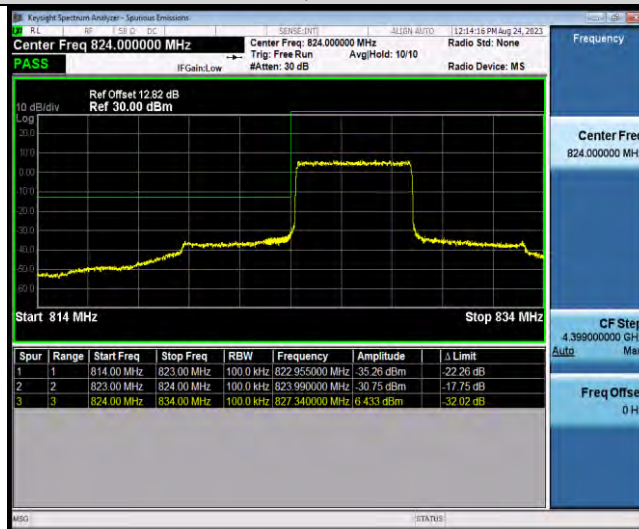
Test Report No.: W7L-P23080006RF04



Band26-5MHz-QPSK-26815-1RB#0



Band26-5MHz-QPSK-26815-25RB#0



Band26-5MHz-QPSK-27015-1RB#24



BUREAU VERITAS

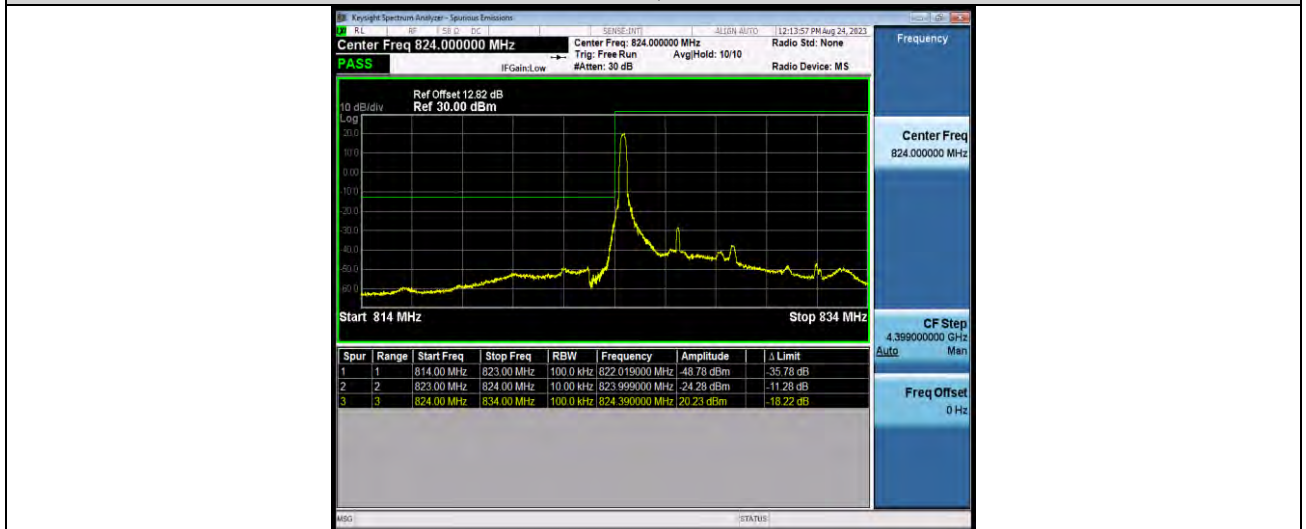
Test Report No.: W7L-P23080006RF04



Band26-5MHz-QPSK-27015-25RB#0



Band26-5MHz-16QAM-26815-1RB#0

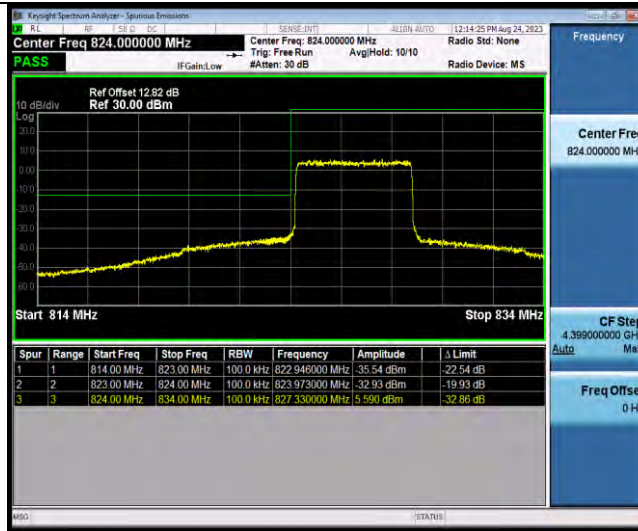


Band26-5MHz-16QAM-26815-25RB#0



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VERITAS**

Test Report No.: W7L-P23080006RF04



Band26-5MHz-16QAM-27015-1RB#24



Band26-5MHz-16QAM-27015-25RB#0

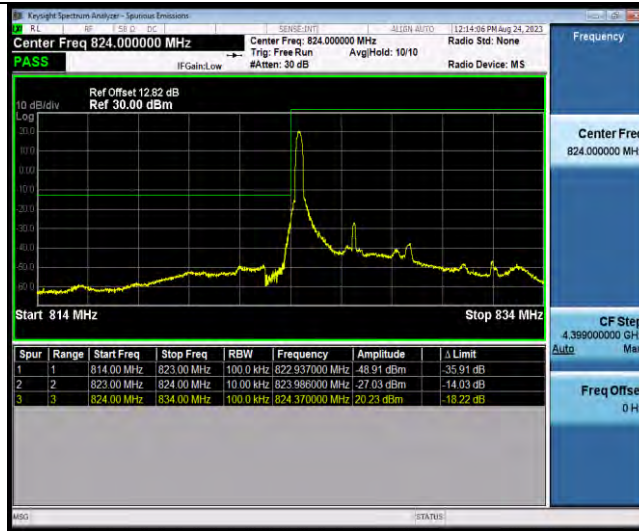


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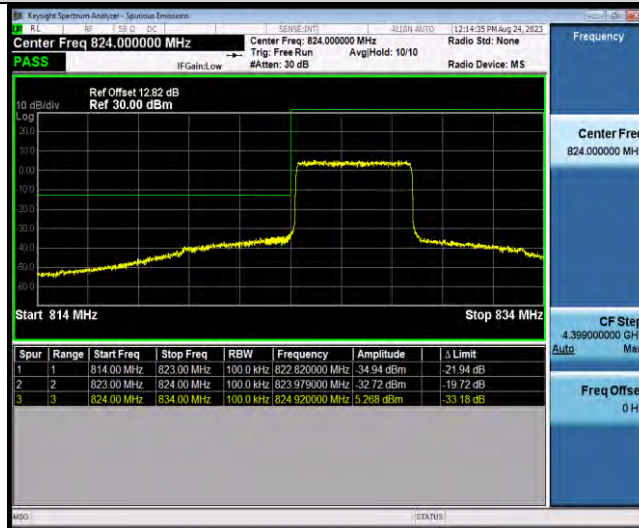


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-5MHz-64QAM-26815-25RB#0



Band26-5MHz-64QAM-27015-1RB#24



Band26-5MHz-64QAM-27015-25RB#0

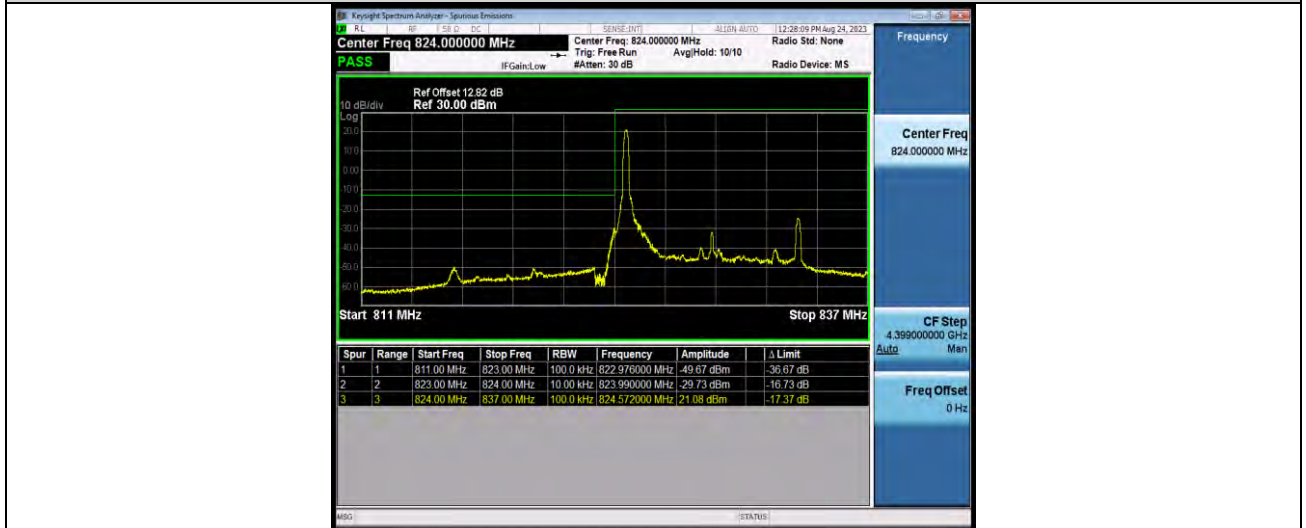


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-10MHz-QPSK-26840-1RB#0



Band26-10MHz-QPSK-26840-50RB#0



Band26-10MHz-QPSK-26990-1RB#49



BUREAU VERITAS

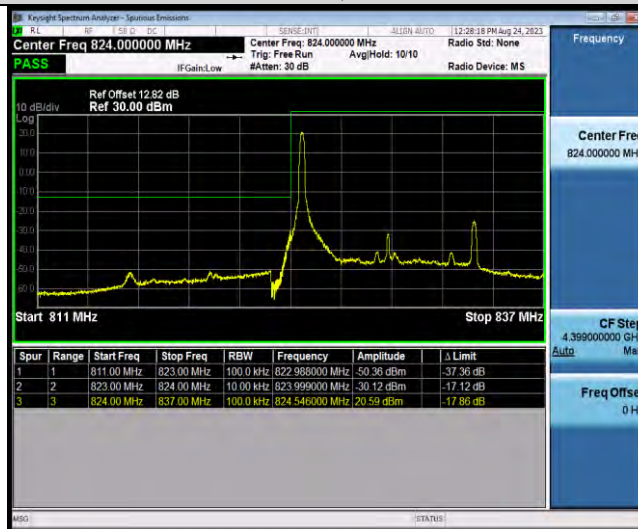
Test Report No.: W7L-P23080006RF04



Band26-10MHz-QPSK-26990-50RB#0



Band26-10MHz-16QAM-26840-1RB#0



Band26-10MHz-16QAM-26840-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-10MHz-16QAM-26990-1RB#49



Band26-10MHz-16QAM-26990-50RB#0

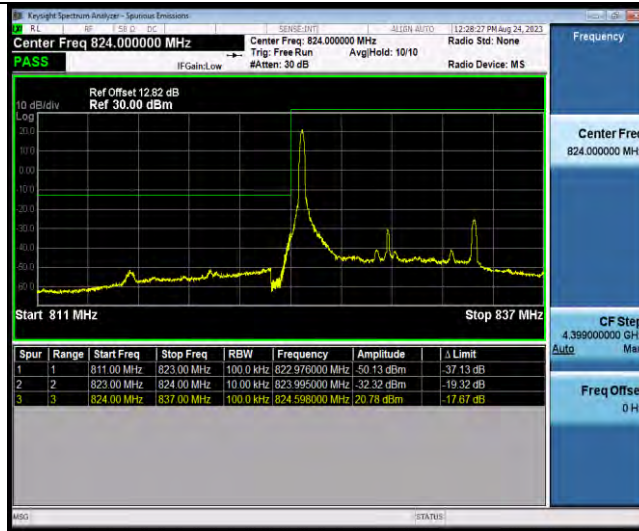


Band26-10MHz-64QAM-26840-1RB#0

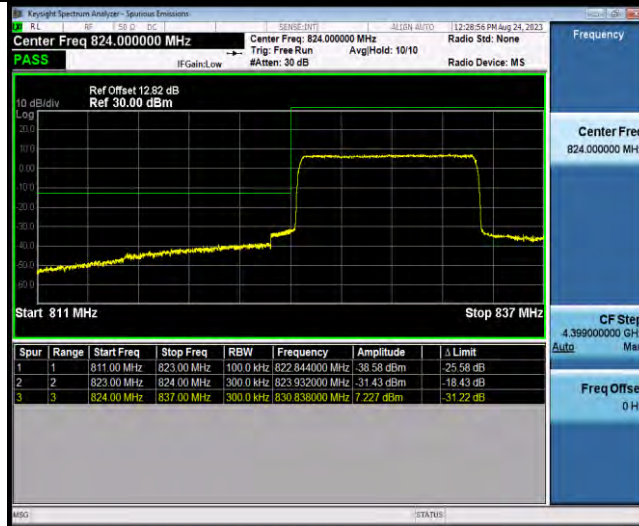


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-10MHz-64QAM-26840-50RB#0



Band26-10MHz-64QAM-26990-1RB#49

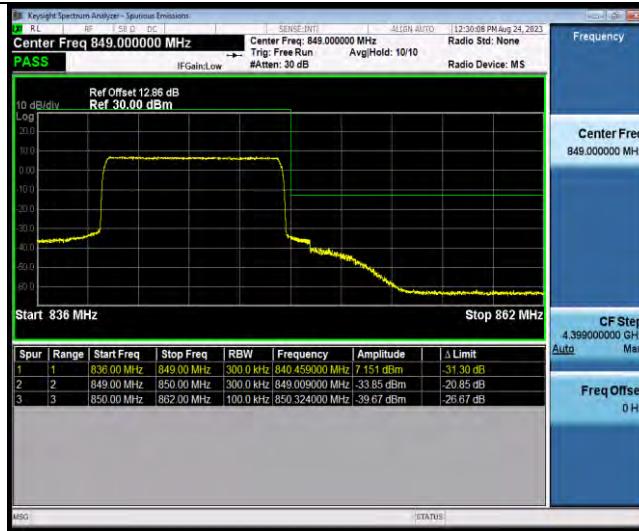


Band26-10MHz-64QAM-26990-50RB#0

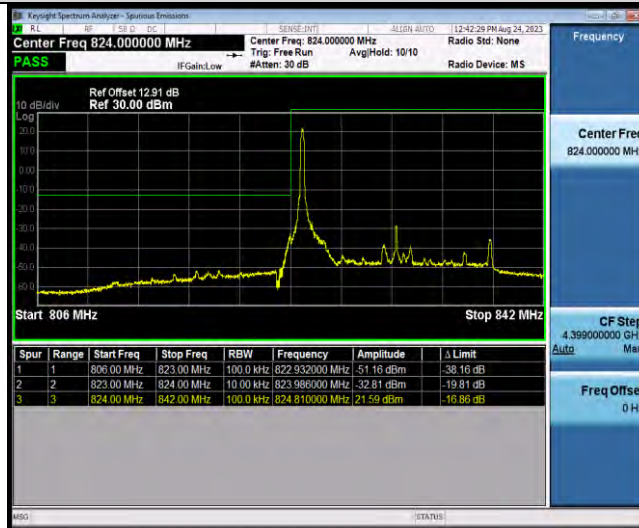


BUREAU VERITAS

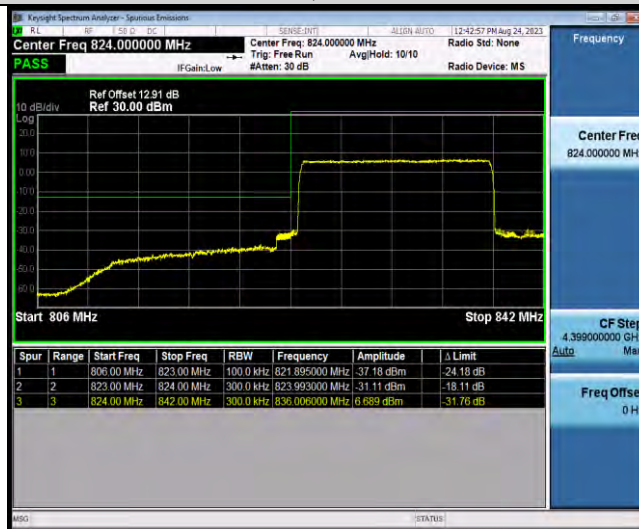
Test Report No.: W7L-P23080006RF04



Band26-15MHz-QPSK-26865-1RB#0



Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26965-1RB#74

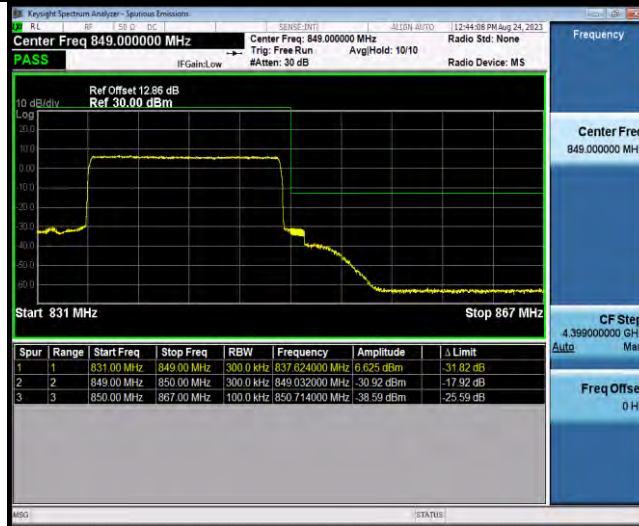


BUREAU VERITAS

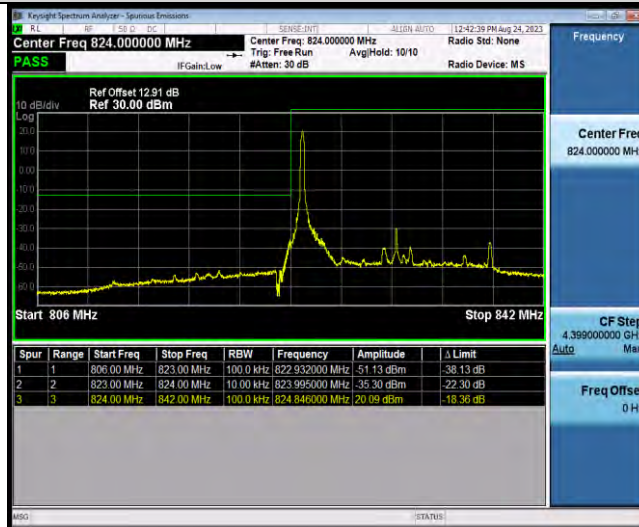
Test Report No.: W7L-P23080006RF04



Band26-15MHz-QPSK-26965-75RB#0



Band26-15MHz-16QAM-26865-1RB#0

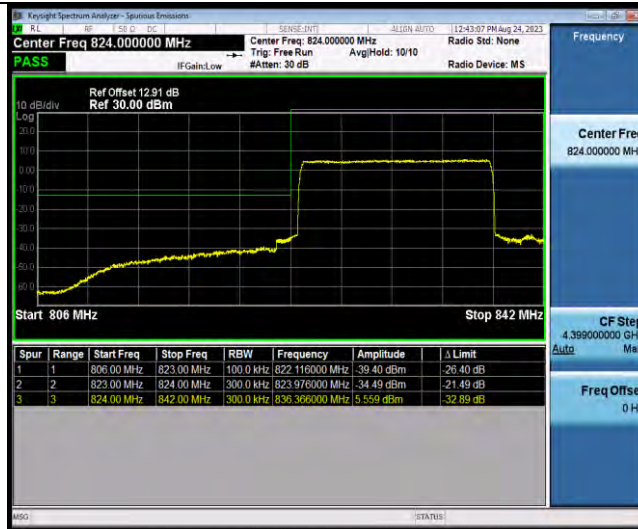


Band26-15MHz-16QAM-26865-75RB#0

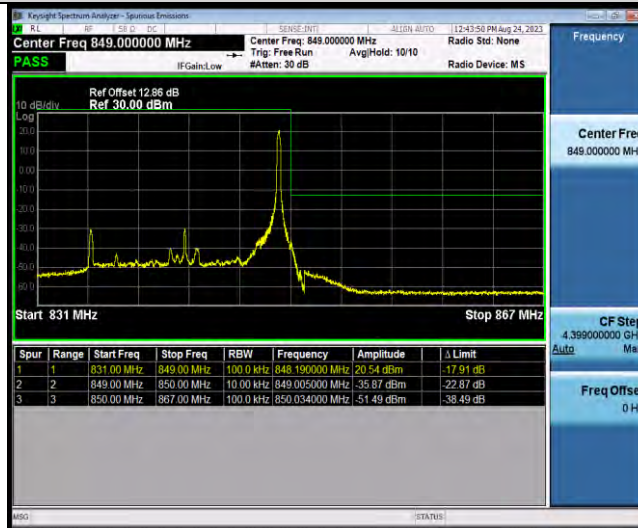


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-15MHz-16QAM-26965-1RB#74



Band26-15MHz-16QAM-26965-75RB#0

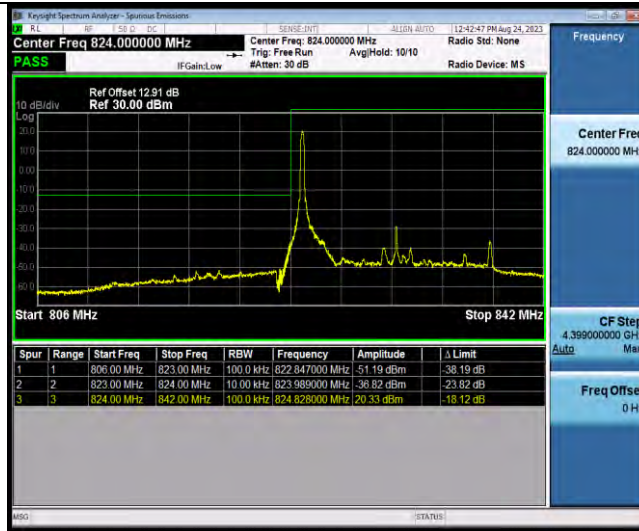


Band26-15MHz-64QAM-26865-1RB#0

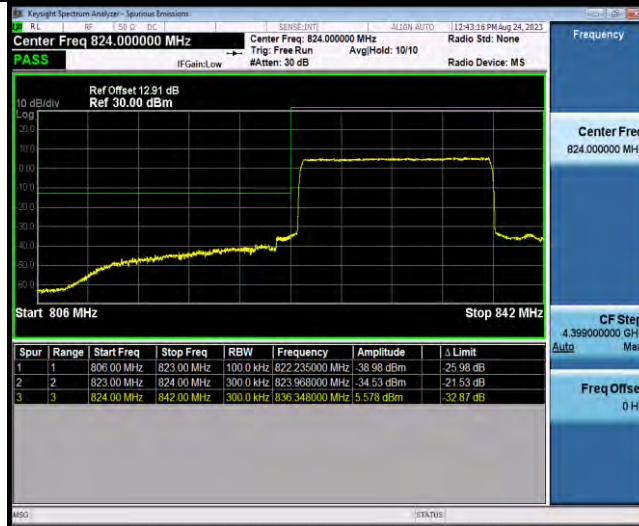


BUREAU VERITAS

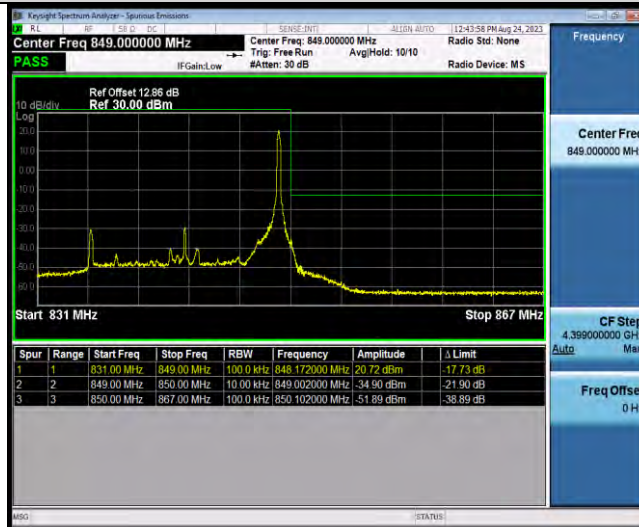
Test Report No.: W7L-P23080006RF04



Band26-15MHz-64QAM-26865-75RB#0



Band26-15MHz-64QAM-26965-1RB#74



Band26-15MHz-64QAM-26965-75RB#0



**BUREAU
VERITAS**

Test Report No.: W7L-P23080006RF04





CONDUCTED SPURIOUS EMISSION

Test Result

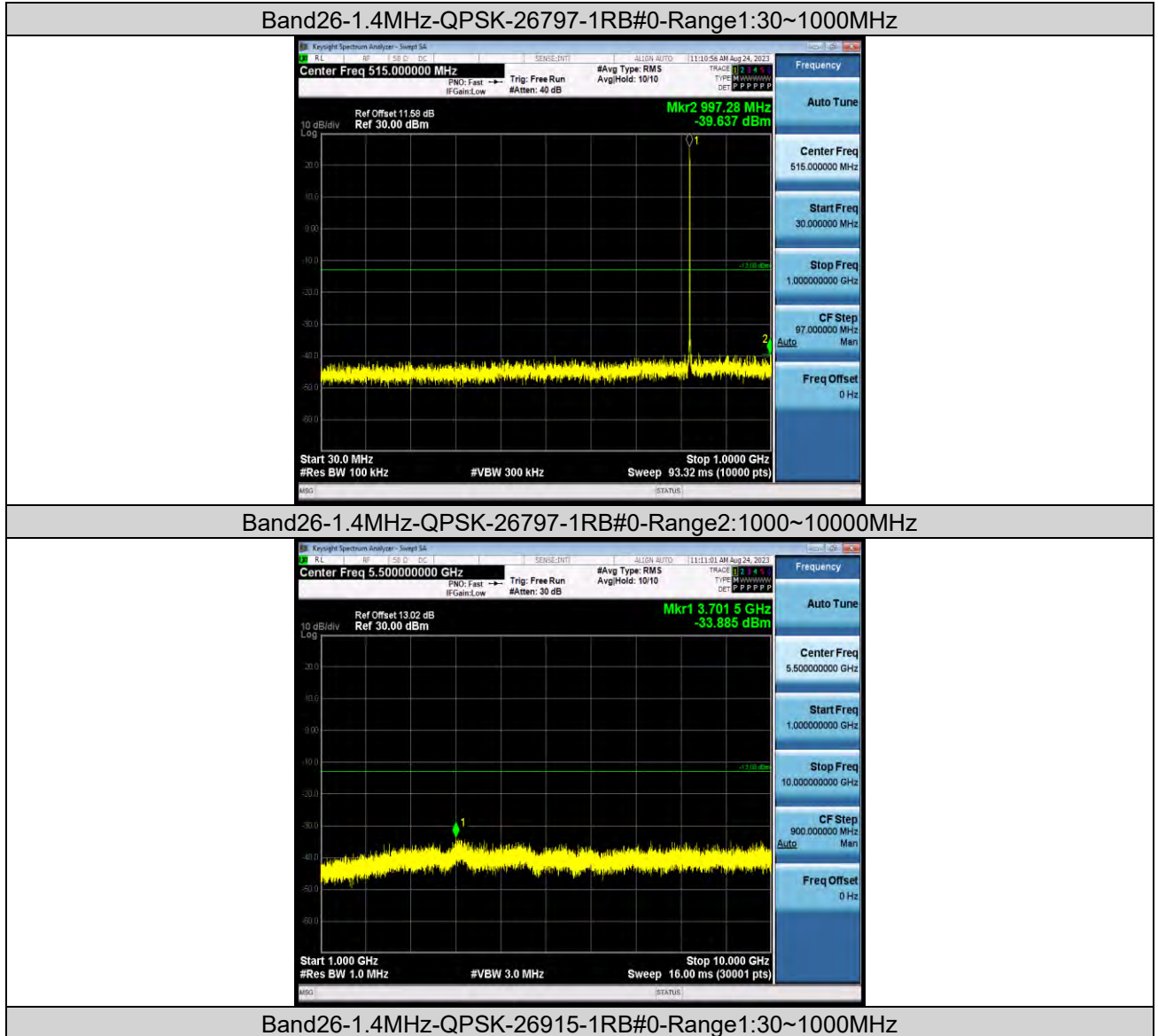
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	Range1:30~1000MHz	-39.64	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-40.41	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-33.75	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	Range2:1000~10000MHz	-33.35	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band26	3MHz	QPSK	26805	1RB#0	Range2:1000~10000MHz	-33.82	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-39.13	PASS
Band26	3MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-31.58	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band26	3MHz	QPSK	27025	1RB#0	Range2:1000~10000MHz	-33.52	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range1:30~1000MHz	-40.19	PASS
Band26	5MHz	QPSK	26815	1RB#0	Range2:1000~10000MHz	-33.54	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-40.1	PASS
Band26	5MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-32.71	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range1:30~1000MHz	-39.89	PASS
Band26	5MHz	QPSK	27015	1RB#0	Range2:1000~10000MHz	-33.98	PASS
Band26	10MHz	QPSK	26840	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band26	10MHz	QPSK	26840	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band26	10MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-33.04	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range1:30~1000MHz	-40.06	PASS
Band26	10MHz	QPSK	26990	1RB#0	Range2:1000~10000MHz	-33.07	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range1:30~1000MHz	-39.05	PASS
Band26	15MHz	QPSK	26865	1RB#0	Range2:1000~10000MHz	-33.65	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range1:30~1000MHz	-39.68	PASS
Band26	15MHz	QPSK	26915	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range1:30~1000MHz	-39.06	PASS
Band26	15MHz	QPSK	26965	1RB#0	Range2:1000~10000MHz	-32.96	PASS



BUREAU VERITAS

Test Report No.: W7L-P23080006RF04

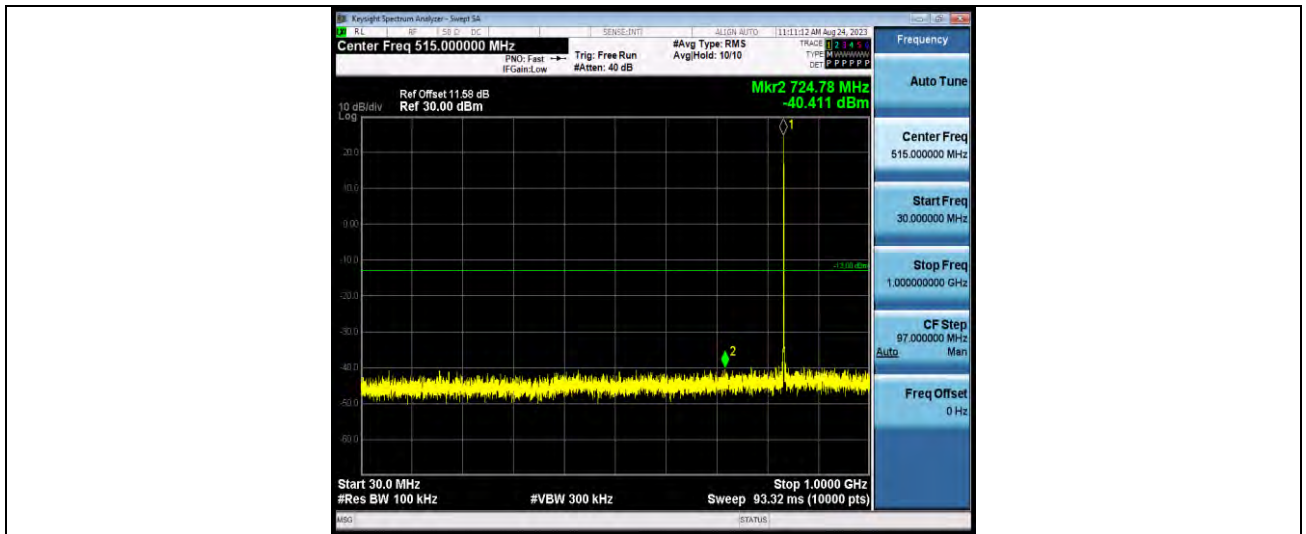
Test Graphs



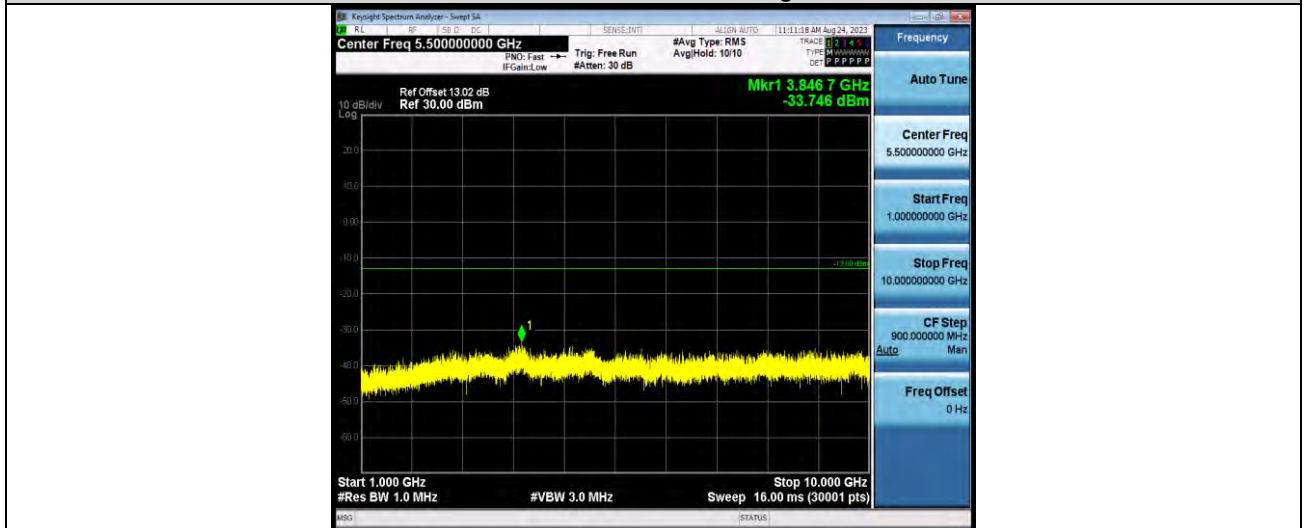


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-1.4MHz-QPSK-26915-1RB#0-Range2: 1000~10000MHz



Band26-1.4MHz-QPSK-27033-1RB#0-Range1:30~1000MHz

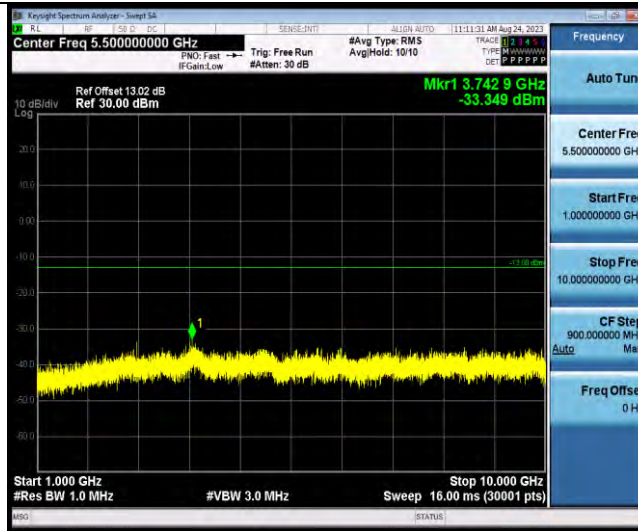


Band26-1.4MHz-QPSK-27033-1RB#0-Range2:1000~10000MHz

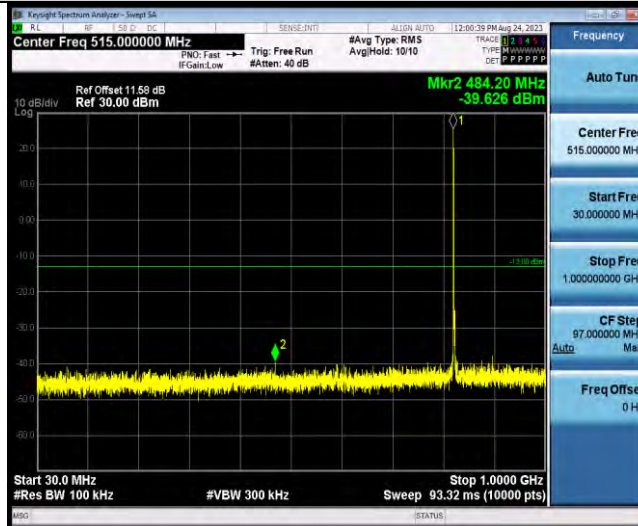


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-3MHz-QPSK-26805-1RB#0-Range1:30~1000MHz



Band26-3MHz-QPSK-26805-1RB#0-Range2:1000~10000MHz

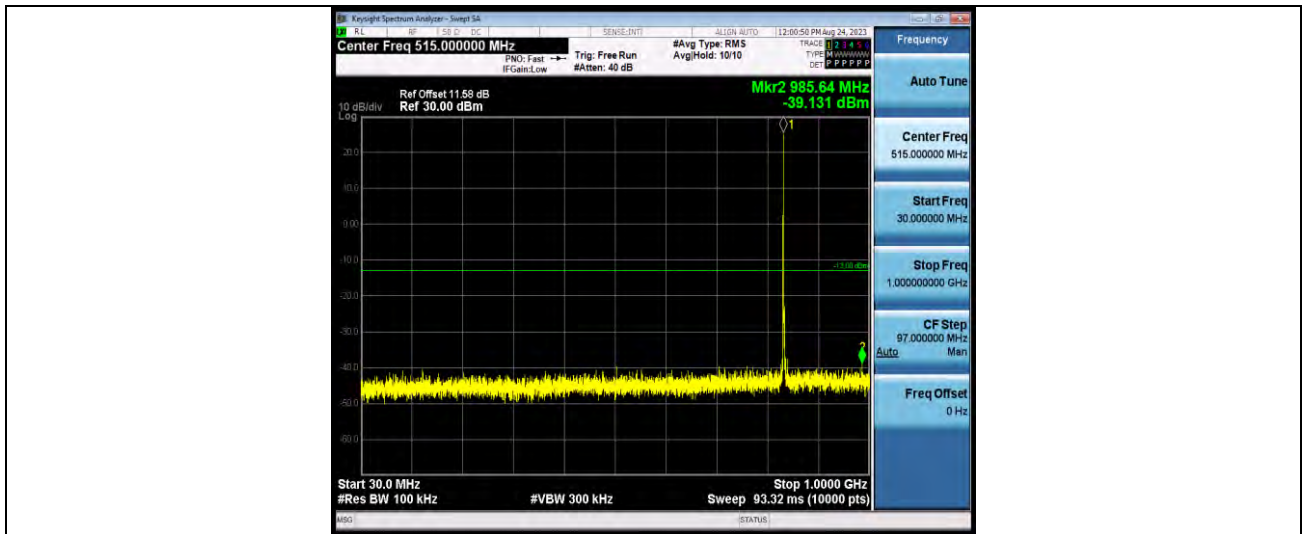


Band26-3MHz-QPSK-26915-1RB#0-Range1:30~1000MHz

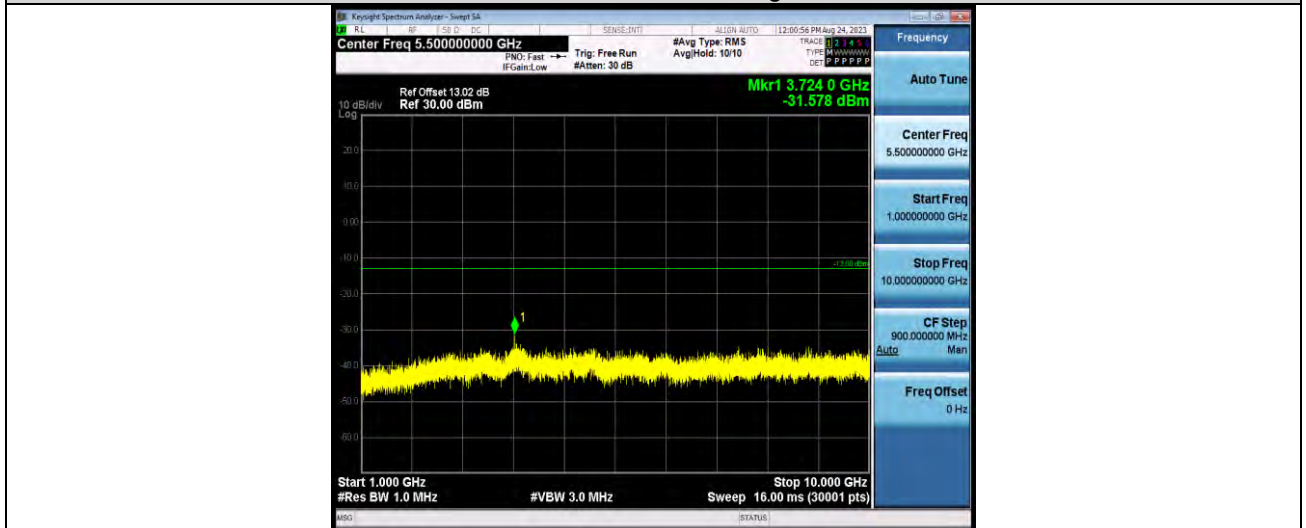


BUREAU VERITAS

Test Report No.: W7L-P23080006RF04



Band26-3MHz-QPSK-26915-1RB#0-Range2:1000~10000MHz



Band26-3MHz-QPSK-27025-1RB#0-Range1:30~1000MHz

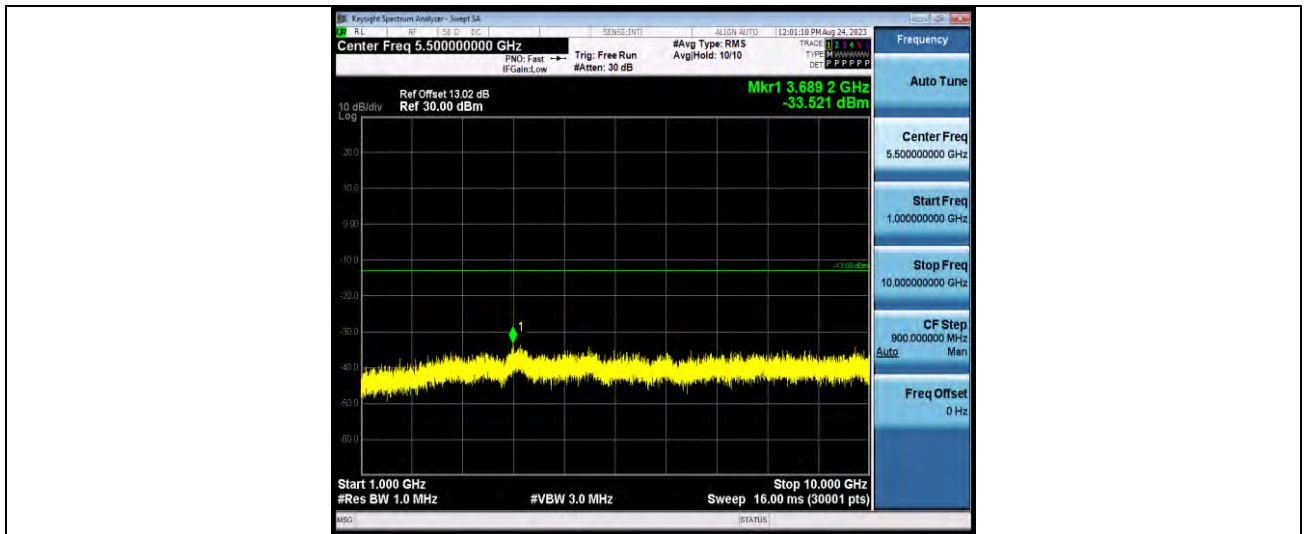


Band26-3MHz-QPSK-27025-1RB#0-Range2:1000~10000MHz

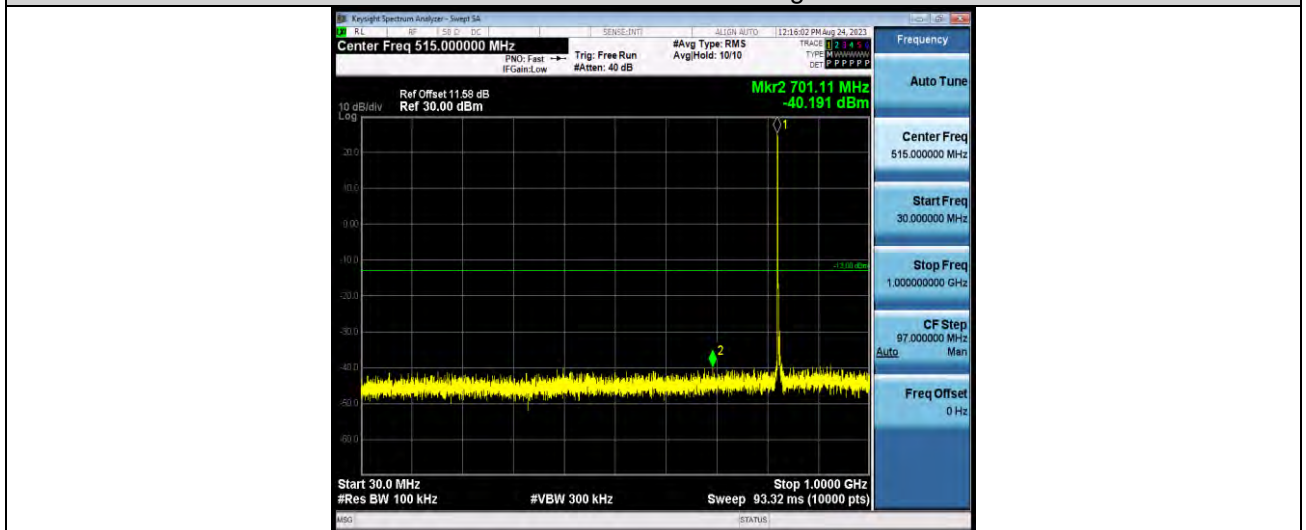


BUREAU VERITAS

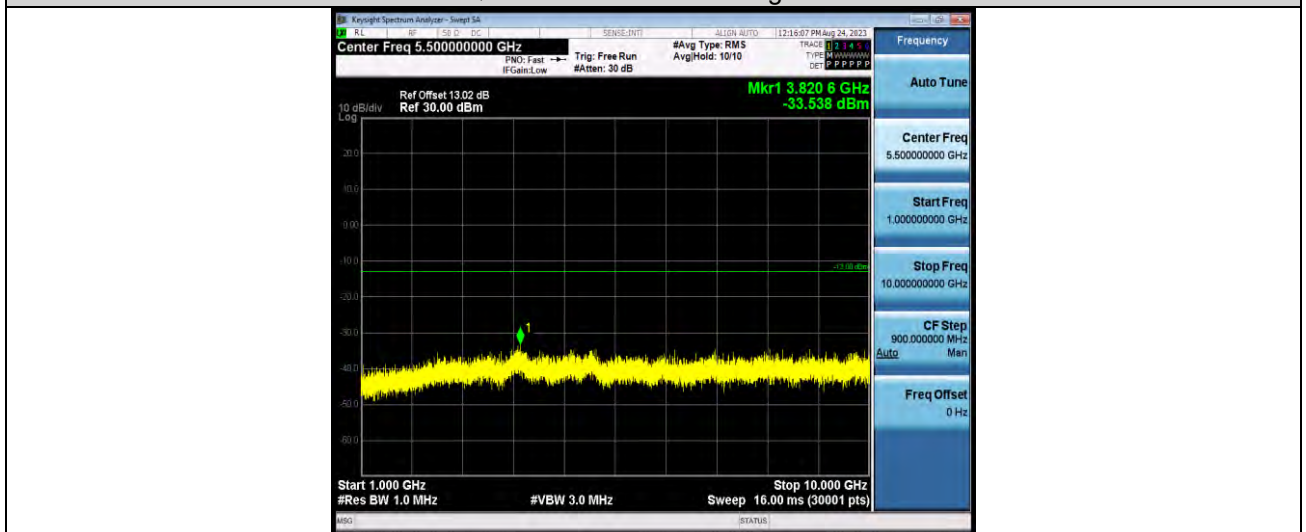
Test Report No.: W7L-P23080006RF04



Band26-5MHz-QPSK-26815-1RB#0-Range1:30~1000MHz



Band26-5MHz-QPSK-26815-1RB#0-Range2:1000~10000MHz

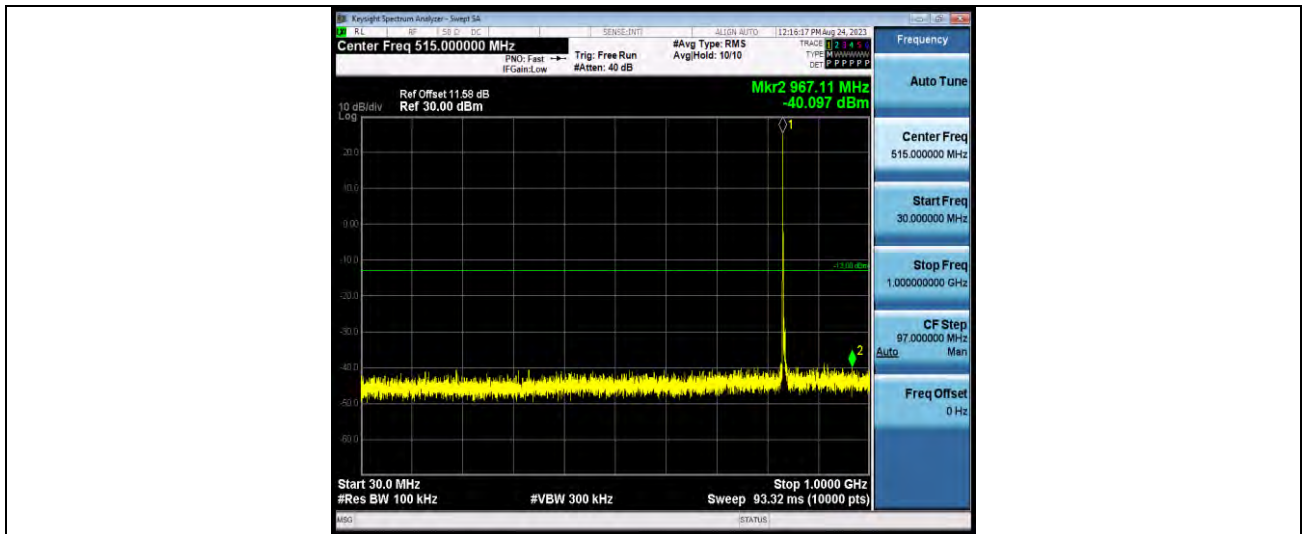


Band26-5MHz-QPSK-26915-1RB#0-Range1:30~1000MHz

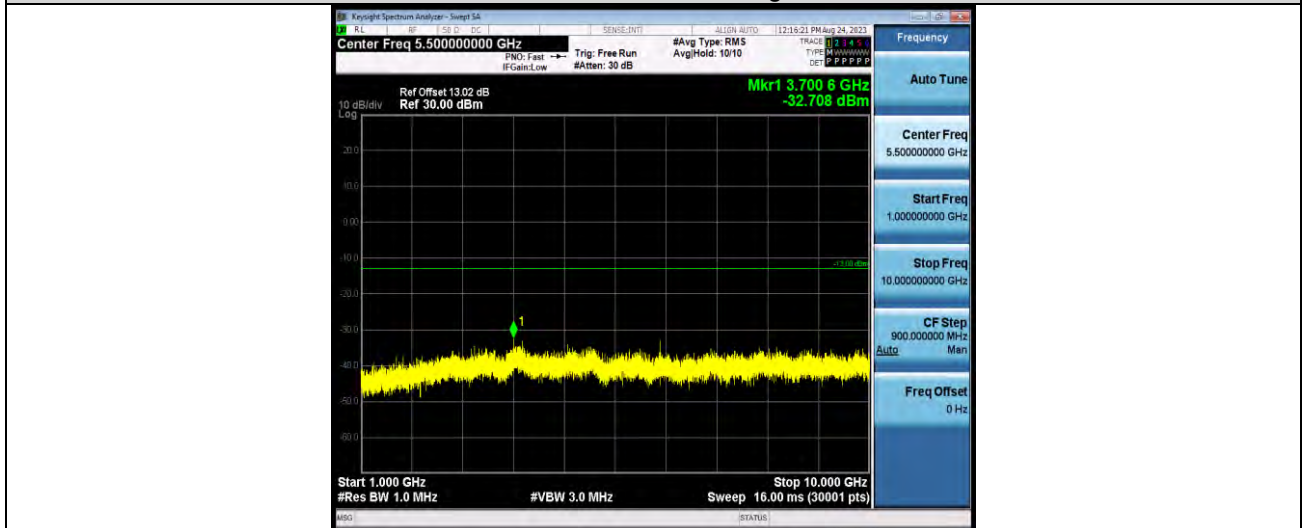


BUREAU VERITAS

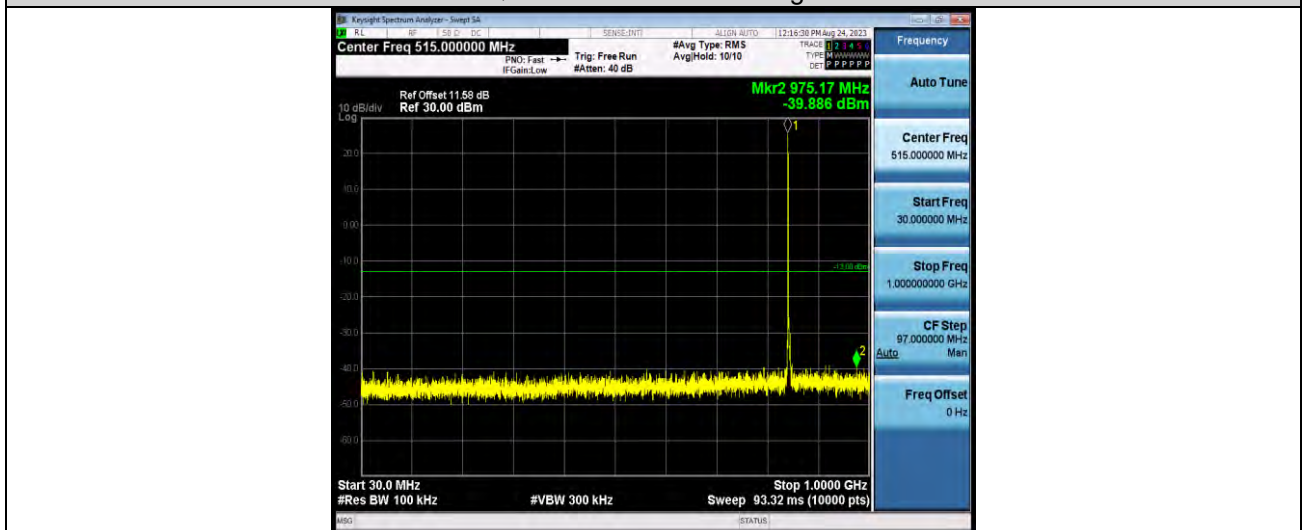
Test Report No.: W7L-P23080006RF04



Band26-5MHz-QPSK-26915-1RB#0-Range2:1000~10000MHz



Band26-5MHz-QPSK-27015-1RB#0-Range1:30~1000MHz

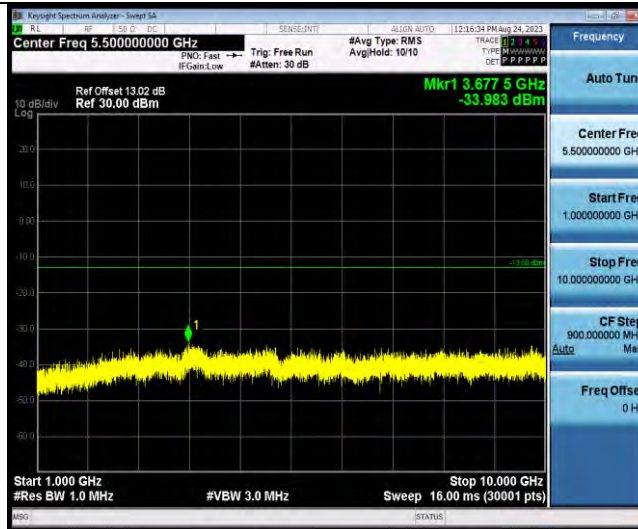


Band26-5MHz-QPSK-27015-1RB#0-Range2:1000~10000MHz

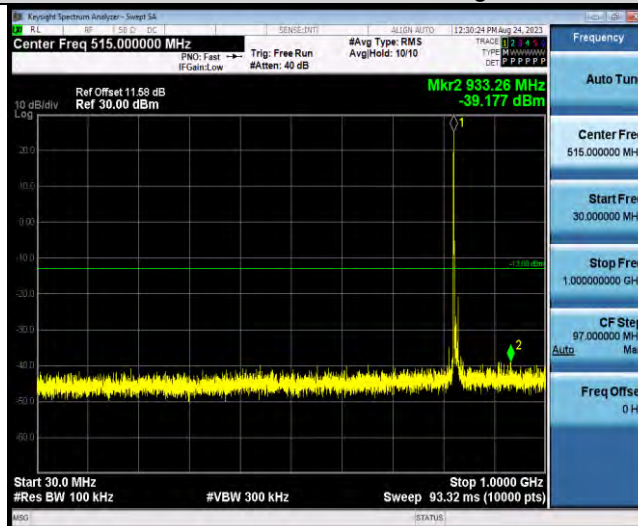


BUREAU VERITAS

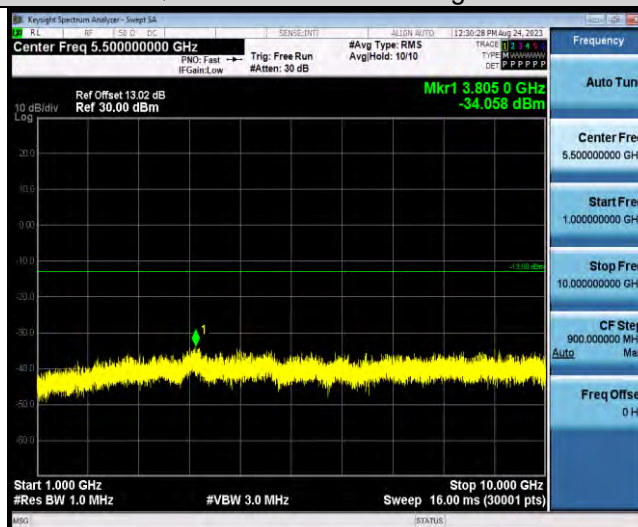
Test Report No.: W7L-P23080006RF04



Band26-10MHz-QPSK-26840-1RB#0-Range 1:30~1000MHz



Band26-10MHz-QPSK-26840-1RB#0-Range2:1000~10000MHz

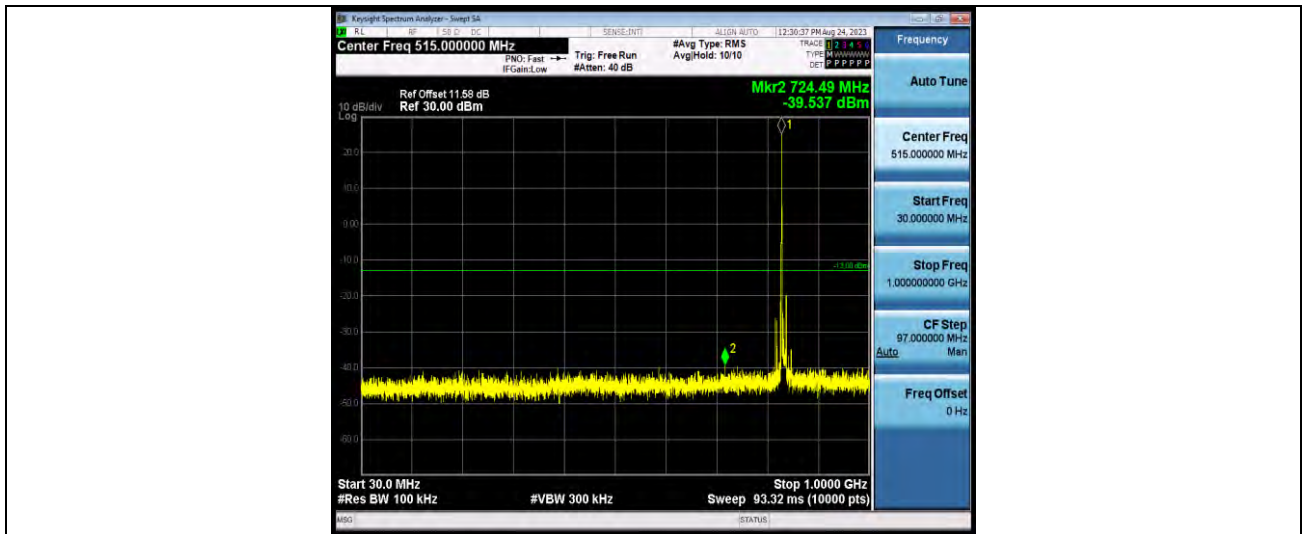


Band26-10MHz-QPSK-26915-1RB#0-Range 1:30~1000MHz

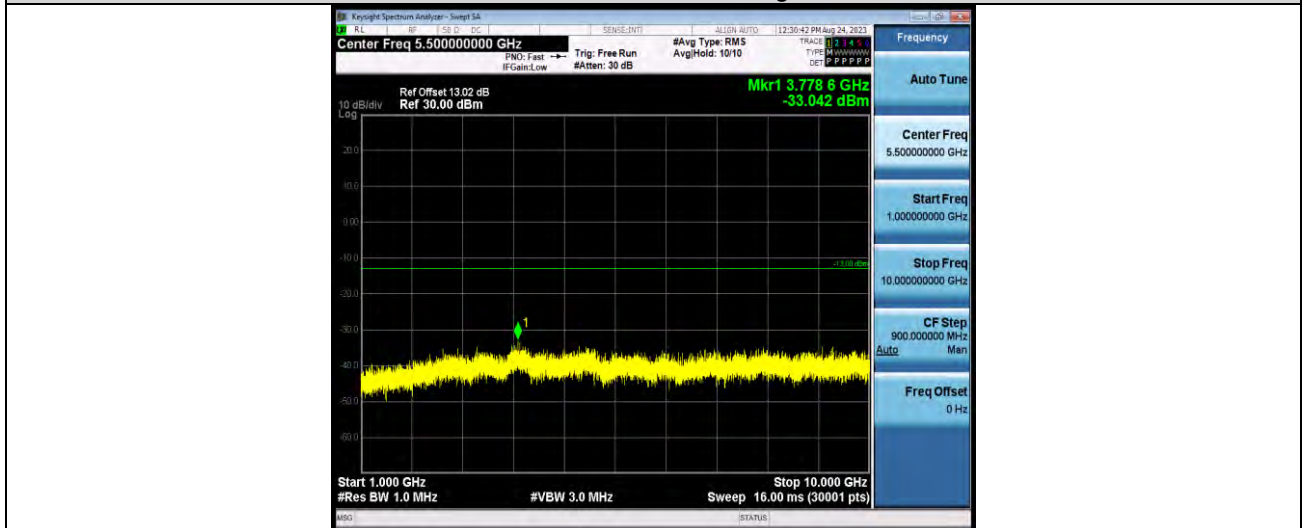


BUREAU VERITAS

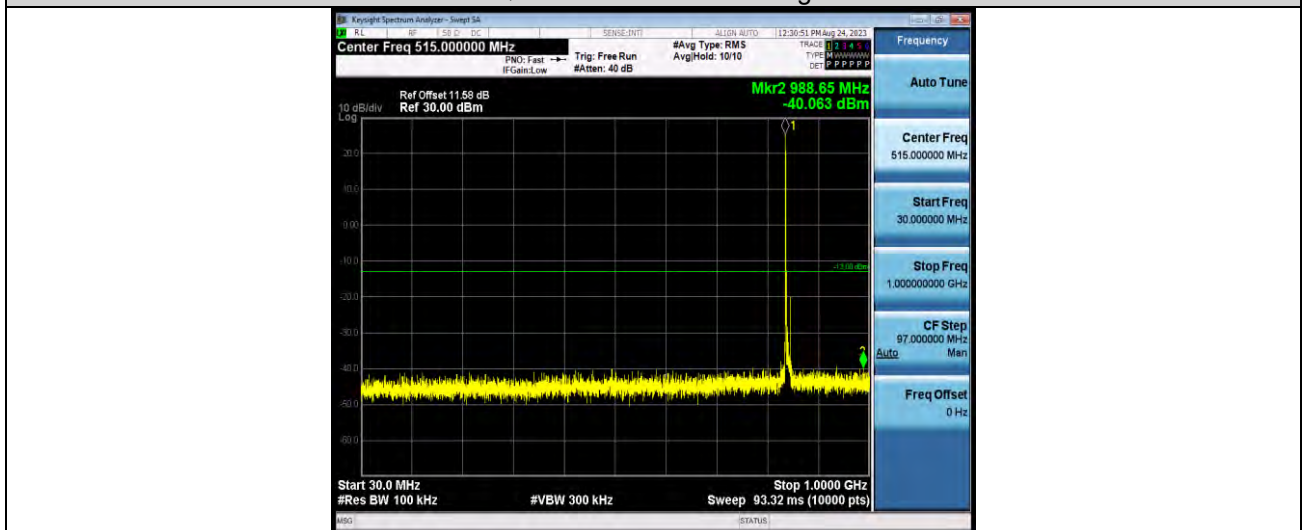
Test Report No.: W7L-P23080006RF04



Band26-10MHz-QPSK-26915-1RB#0-Range2:1000~10000MHz



Band26-10MHz-QPSK-26990-1RB#0-Range1:30~1000MHz

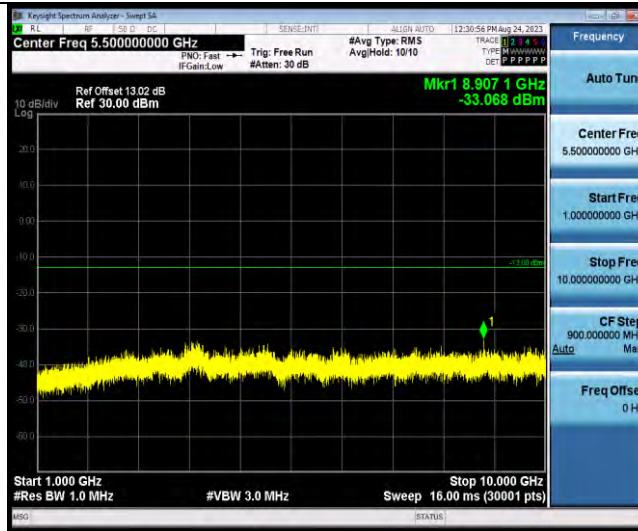


Band26-10MHz-QPSK-26990-1RB#0-Range2:1000~10000MHz

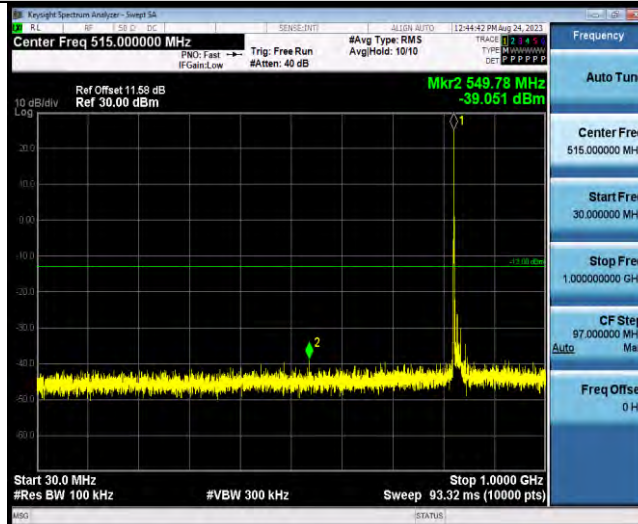


BUREAU VERITAS

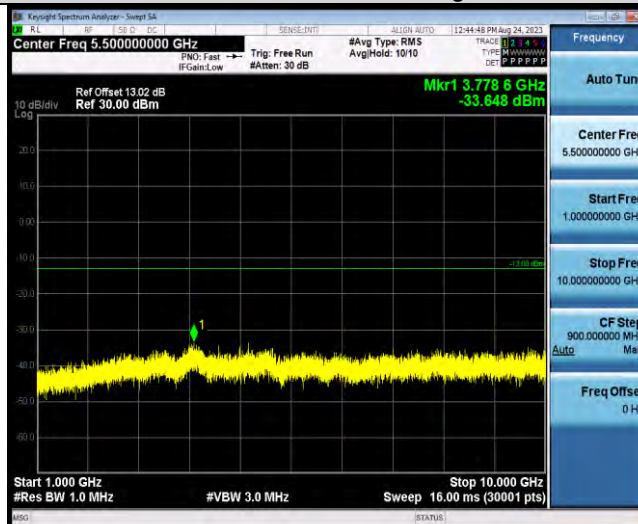
Test Report No.: W7L-P23080006RF04



Band26-15MHz-QPSK-26865-1RB#0-Range1:30~1000MHz



Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~10000MHz

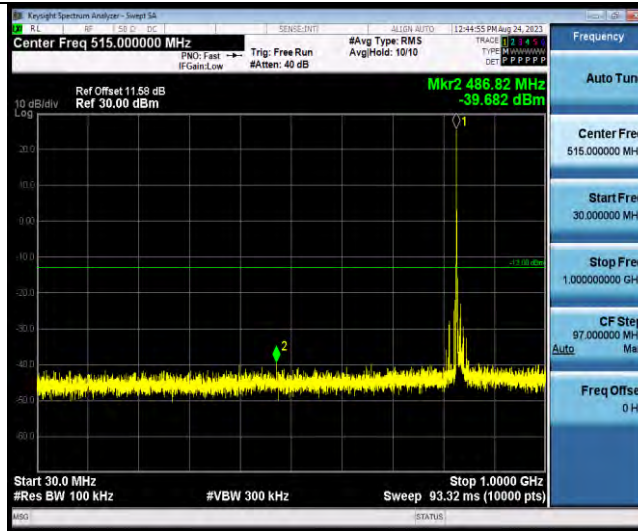


Band26-15MHz-QPSK-26915-1RB#0-Range1:30~1000MHz

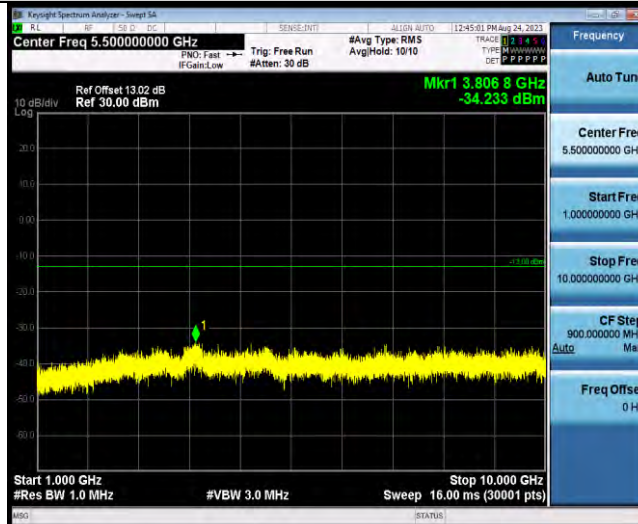


BUREAU VERITAS

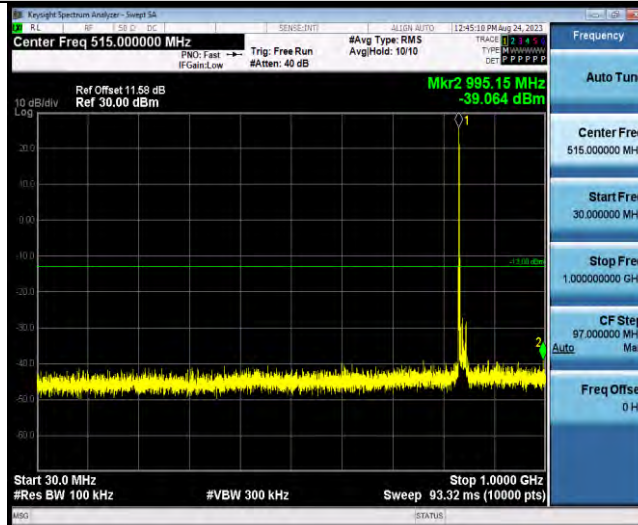
Test Report No.: W7L-P23080006RF04



Band26-15MHz-QPSK-26915-1RB#0-Range2:1000~10000MHz



Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz

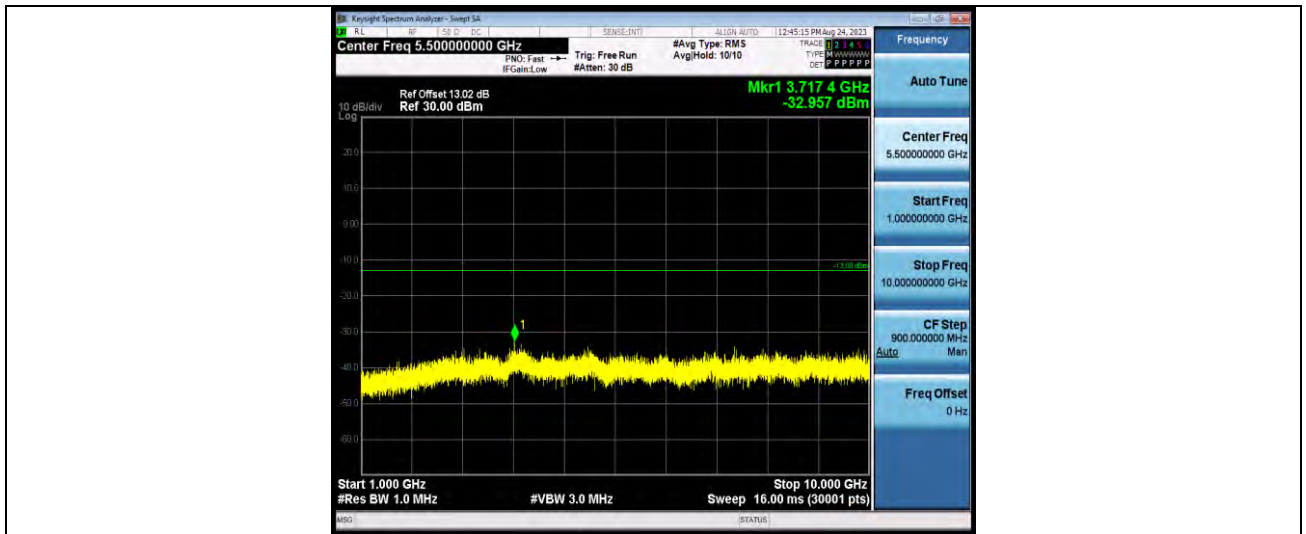


Band26-15MHz-QPSK-26965-1RB#0-Range2:1000~10000MHz



**BUREAU
VERITAS**

Test Report No.: W7L-P23080006RF04





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	LV	NT	-10.70	-0.012868	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	NT	-13.89	-0.016705	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	HV	NT	-11.64	-0.013999	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	LV	NT	-10.56	-0.012624	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	NT	-12.20	-0.014585	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	HV	NT	-9.90	-0.011835	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	LV	NT	-8.04	-0.009554	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	NT	-6.54	-0.007772	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	HV	NT	2.35	0.002793	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	NV	-30	-15.69	-0.018870	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-11.96	-0.014384	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-10	-11.16	-0.013422	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-11.29	-0.013578	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-11.52	-0.013854	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	-9.56	-0.011497	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	-8.74	-0.010511	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	-9.21	-0.011076	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-13.20	-0.015875	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-4.39	-0.005248	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-14.65	-0.017513	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-10	-6.78	-0.008105	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-11.49	-0.013736	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-15.15	-0.018111	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-13.42	-0.016043	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-9.08	-0.010855	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	-6.39	-0.007639	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-11.24	-0.013437	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-8.63	-0.010255	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-7.75	-0.009210	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-10	-8.85	-0.010517	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	-13.20	-0.015686	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-7.80	-0.009269	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-9.48	-0.011266	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-8.98	-0.010671	±2.5	PASS



Band26	15MHz	QPSK	26965	75RB#0	NV	40	-10.11	-0.012014	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-10.56	-0.012549	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
fL- MAX(Δf)	824.766484	≥824	PASS
fH+ MAX(Δf)	848.232512	≤849	

- Note :
1. |MAX(Δf)| = Max Deviation
 2. fL = Occ low channel f(-13dBm/MHz)
 3. fH = Occ High channel fH(-13dBm/MHz)
 4. |MAX(Δf)| =15.69 Hz.

---END---