Appendix-A LTE Band 12

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.99	23.54	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.07	22.62	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.04	23.59	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.98	23.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.94	23.49	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.84	22.39	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.86	23.41	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.89	23.44	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.05	23.6	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.07	22.62	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.02	23.57	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.02	23.57	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.30	22.85	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.10	21.65	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.25	22.8	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.37	22.92	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.15	22.7	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.94	21.49	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.18	22.73	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.17	22.72	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.40	22.95	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.16	21.71	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.38	22.93	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.18	22.73	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.23	21.78	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.96	20.51	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.11	21.66	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.19	21.74	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.98	21.53	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.75	20.3	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.96	21.51	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.05	21.6	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.09	21.64	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.97	20.52	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.22	21.77	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.16	21.71	34.77	PASS

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Band12	1.4MHz	256QAM	23017	1RB#0	19.29	18.84	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	19.13	18.68	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	19.34	18.89	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	19.17	18.72	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	19.34	18.89	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	18.99	18.54	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	19.12	18.67	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	19.07	18.62	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	19.34	18.89	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	19.11	18.66	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	19.29	18.84	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	19.23	18.78	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.14	23.69	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.08	22.63	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.02	23.57	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.93	23.48	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.88	23.43	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.83	22.38	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.90	23.45	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.86	23.41	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.07	23.62	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.96	22.51	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.03	23.58	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.03	23.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.22	22.77	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.08	21.63	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.28	22.83	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.34	22.89	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.16	22.71	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.88	21.43	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.28	22.83	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.17	22.72	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.17	22.72	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.04	21.59	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.38	22.93	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.48	23.03	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.11	21.66	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.04	20.59	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.19	21.74	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.07	21.62	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.08	21.63	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.88	20.43	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.15	21.7	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.05	21.6	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.14	21.69	34.77	PASS

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Band12	3MHz	64QAM	23165	15RB#0	20.84	20.39	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.88	21.43	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.10	21.65	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	19.25	18.8	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	19.15	18.7	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	19.27	18.82	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	19.29	18.84	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	19.40	18.95	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	18.87	18.42	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	19.02	18.57	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	19.03	18.58	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	19.37	18.92	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	19.04	18.59	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	19.41	18.96	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.99	18.54	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.11	23.66	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.07	22.62	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.09	23.64	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.90	23.45	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.96	23.51	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.88	22.43	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.92	23.47	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.87	23.42	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.95	23.5	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.01	22.56	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.04	23.59	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.05	23.6	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.36	22.91	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.08	21.63	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.46	23.01	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.10	22.65	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.21	22.76	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.90	21.45	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.30	22.85	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.13	22.68	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.08	22.63	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.03	21.58	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.45	23	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.36	22.91	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.08	21.63	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.91	20.46	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.00	21.55	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.93	21.48	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.85	21.4	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.83	20.38	34.77	PASS

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Band12	5MHz	64QAM	23095	1RB#12	22.00	21.55	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.97	21.52	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.06	21.61	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.94	20.49	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.15	21.7	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.08	21.63	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	19.14	18.69	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	19.15	18.7	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	19.36	18.91	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.95	18.5	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	19.24	18.79	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	18.91	18.46	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	19.20	18.75	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.88	18.43	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	19.16	18.71	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	19.03	18.58	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	19.07	18.62	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	19.16	18.71	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.98	23.53	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.04	22.59	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.95	23.5	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.81	23.36	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.95	23.5	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.90	22.45	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.91	23.46	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.96	23.51	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.99	23.54	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.89	22.44	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.91	23.46	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.87	23.42	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.20	22.75	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.03	21.58	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.31	22.86	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.01	22.56	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.29	22.84	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.00	21.55	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.28	22.83	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.08	22.63	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.19	22.74	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.92	21.47	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.18	22.73	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.19	22.74	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.15	21.7	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.90	20.45	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.20	21.75	34.77	PASS

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Band12	10MHz	64QAM	23060	1RB#49	21.73	21.28	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.24	21.79	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.77	20.32	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.99	21.54	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.01	21.56	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.08	21.63	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.88	20.43	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.15	21.7	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.09	21.64	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	19.23	18.78	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	19.03	18.58	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	19.44	18.99	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.87	18.42	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	19.19	18.74	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	18.96	18.51	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	19.27	18.82	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	19.13	18.68	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	19.18	18.73	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	18.93	18.48	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	19.09	18.64	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	19.15	18.7	34.77	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band12	10MHz	QPSK	23060	100RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23095	100RB#0	4.78	13	PASS
Band12	10MHz	QPSK	23130	100RB#0	4.90	13	PASS
Band12	10MHz	16QAM	23060	100RB#0	5.93	13	PASS
Band12	10MHz	16QAM	23095	100RB#0	5.82	13	PASS
Band12	10MHz	16QAM	23130	100RB#0	5.89	13	PASS
Band12	10MHz	64QAM	23060	100RB#0	6.17	13	PASS
Band12	10MHz	64QAM	23095	100RB#0	6.18	13	PASS
Band12	10MHz	64QAM	23130	100RB#0	5.99	13	PASS
Band12	10MHz	256QAM	23060	100RB#0	6.85	13	PASS
Band12	10MHz	256QAM	23095	100RB#0	6.78	13	PASS
Band12	10MHz	256QAM	23130	100RB#0	6.69	13	PASS

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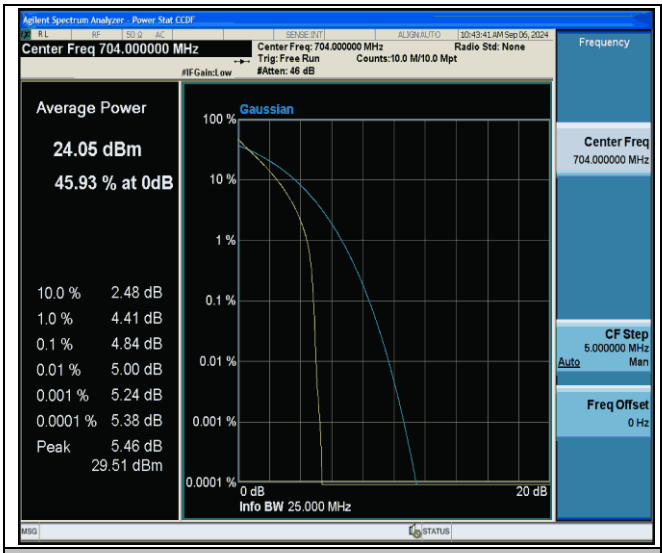
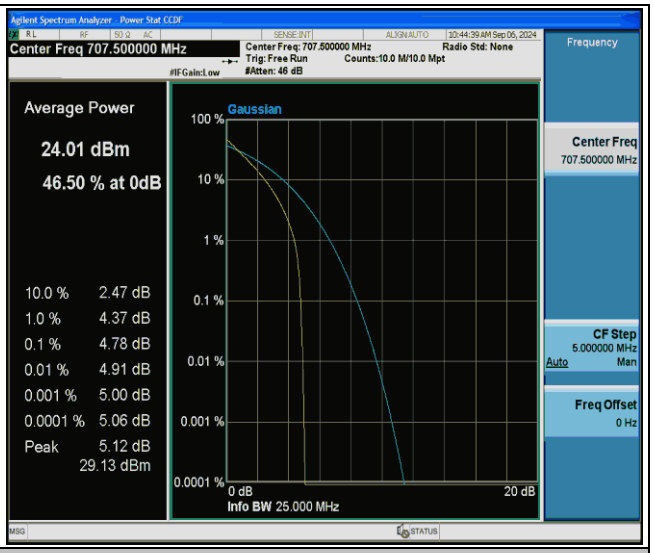
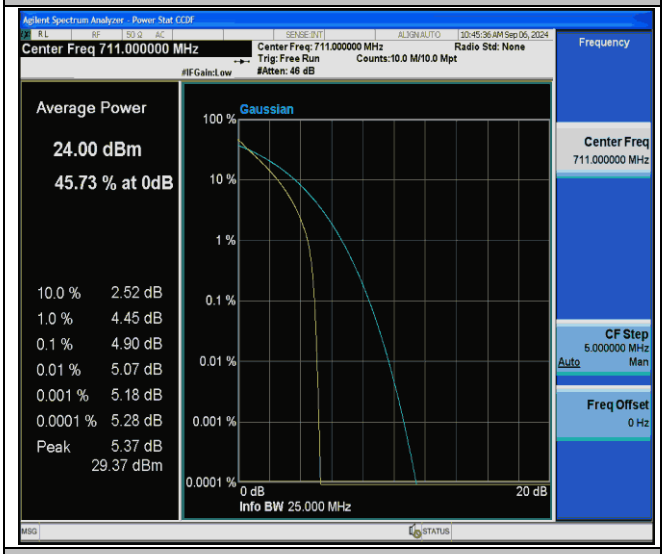
Test Graphs



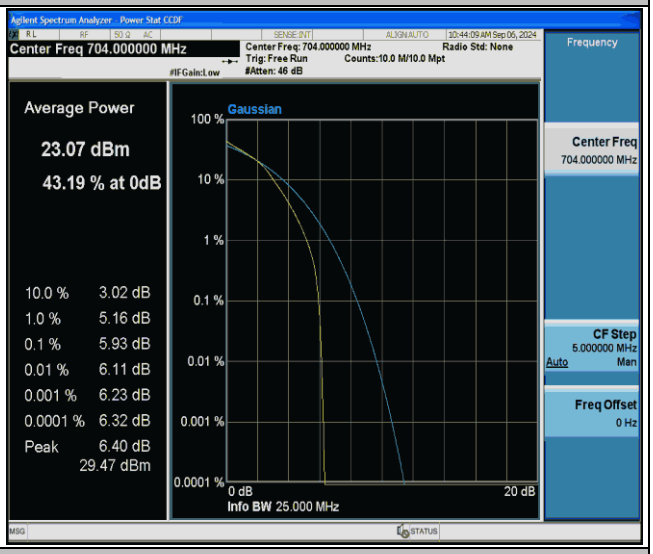
Band12-10MHz-QPSK-23060-100RB#0-PASS



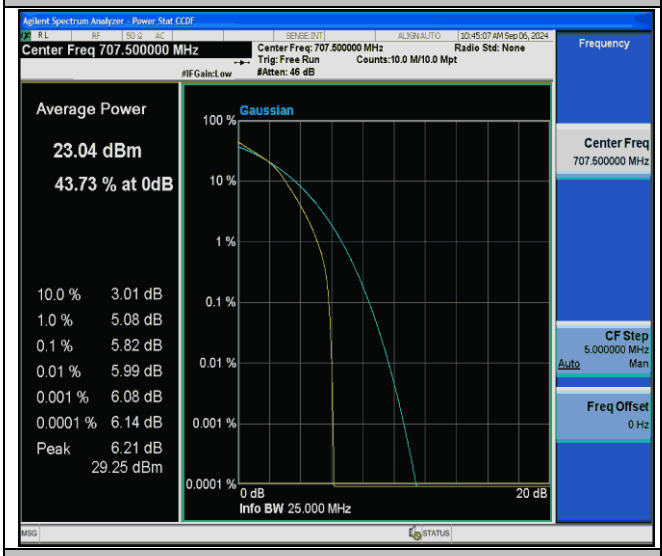
Band12-10MHz-QPSK-23095-100RB#0-PASS



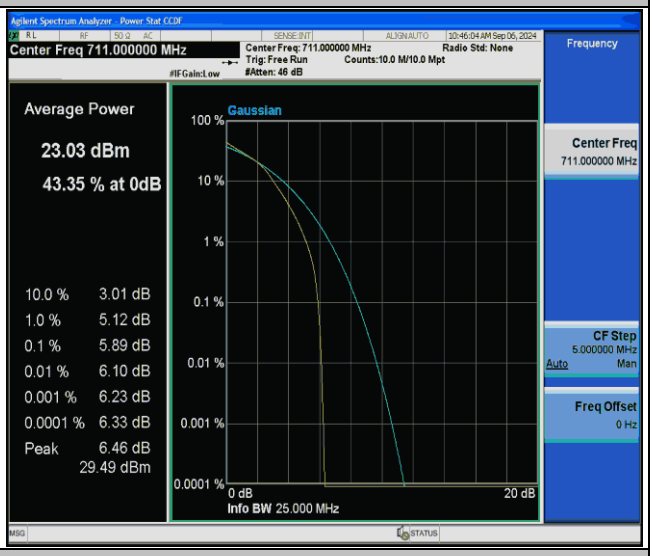
Band12-10MHz-QPSK-23130-100RB#0-PASS



Band12-10MHz-16QAM-23060-100RB#0-PASS



Band12-10MHz-16QAM-23095-100RB#0-PASS



Band12-10MHz-16QAM-23130-100RB#0-PASS

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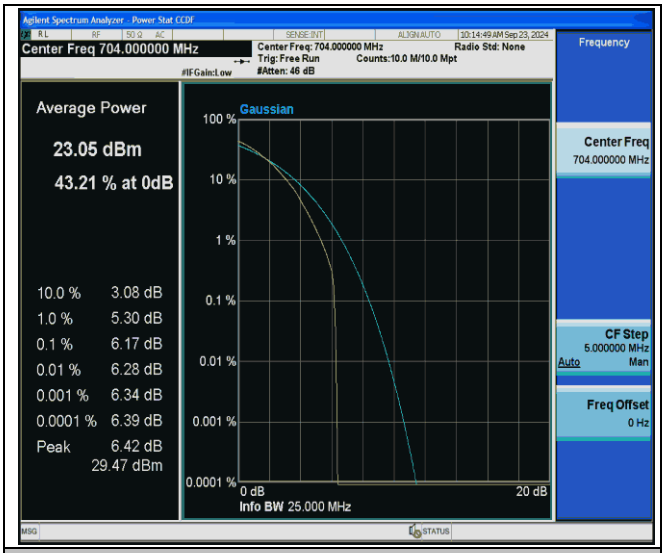
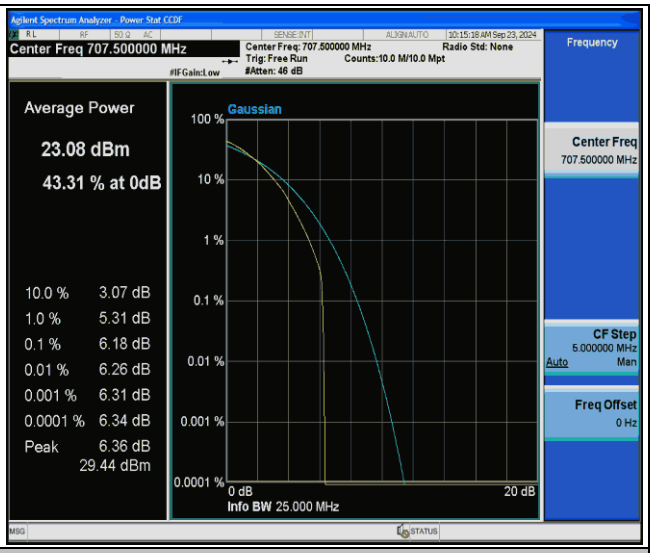
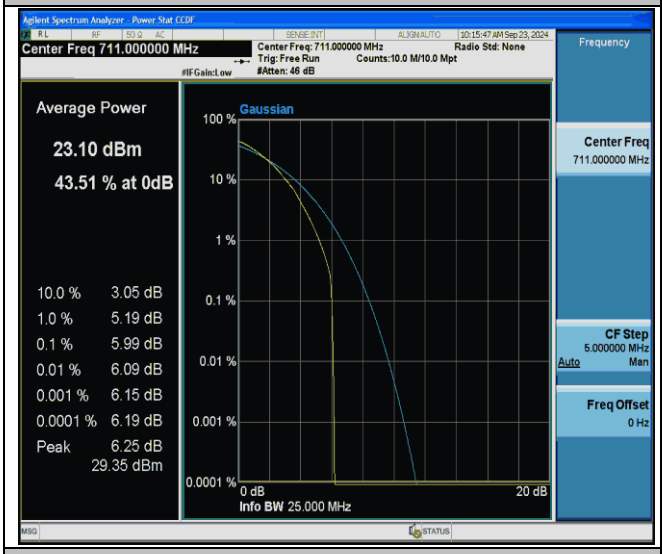


Band12-10MHz-64QAM-23060-100RB#0-PASS



Band12-10MHz-64QAM-23095-100RB#0-PASS



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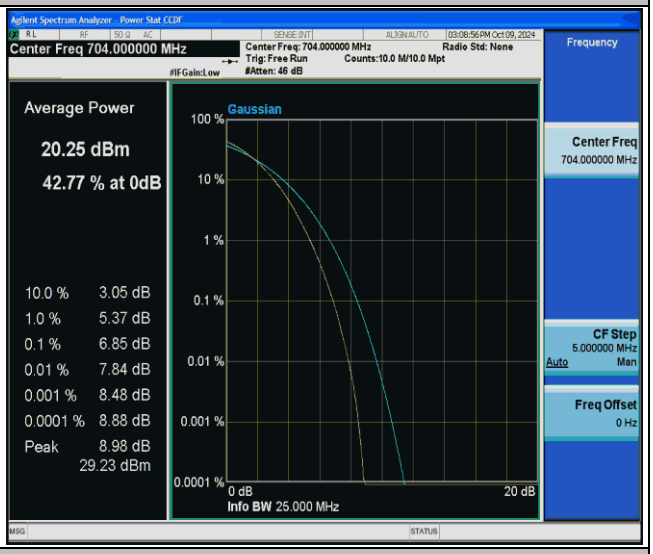

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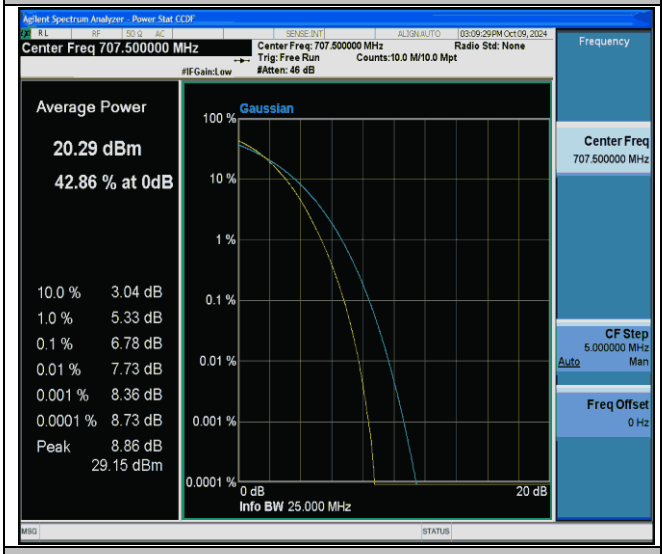

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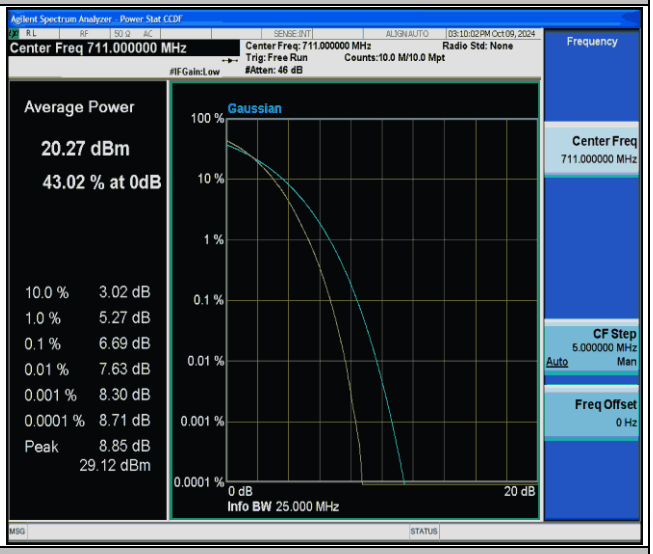

Band12-10MHz-256QAM-23130-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0978	1.369	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0984	1.327	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0954	1.356	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1031	1.367	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1018	1.381	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1009	1.342	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0992	1.372	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0992	1.351	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.1029	1.347	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.1036	1.348	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.1009	1.343	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.1012	1.325	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6976	3.059	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6964	3.050	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6958	3.064	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7042	3.028	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6944	3.039	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6960	3.042	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6996	3.044	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6941	3.024	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6995	3.025	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.7018	3.034	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.6952	3.011	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.6935	3.018	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5138	5.223	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5015	5.169	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5021	5.110	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5105	5.163	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4998	5.183	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5054	5.131	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.5098	5.201	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.4989	5.124	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.5120	5.171	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.5091	5.145	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.4896	5.152	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.5039	5.153	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9818	10.02	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9813	9.966	PASS

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Band12	10MHz	QPSK	23130	50RB#0	9.0037	10.07	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0148	10.05	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9945	10.05	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0028	10.11	PASS
Band12	10MHz	64QAM	23060	50RB#0	9.0098	10.04	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9643	10.05	PASS
Band12	10MHz	64QAM	23130	50RB#0	9.0087	10.06	PASS
Band12	10MHz	256QAM	23060	50RB#0	9.0003	10.06	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.9821	9.968	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.9955	10.01	PASS

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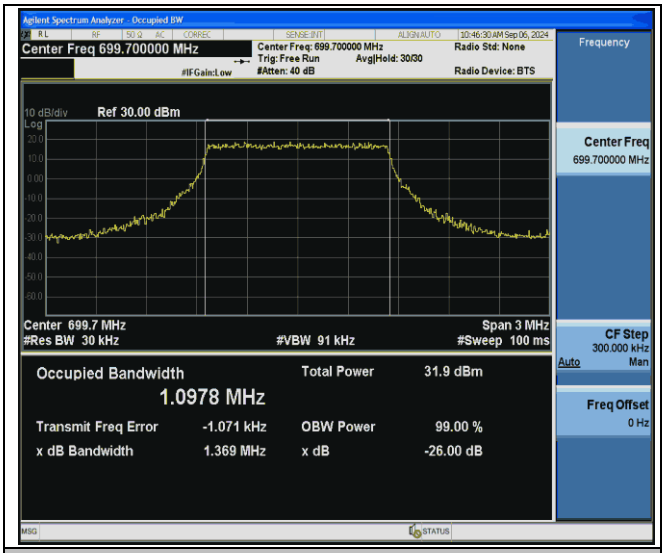
Test Graphs



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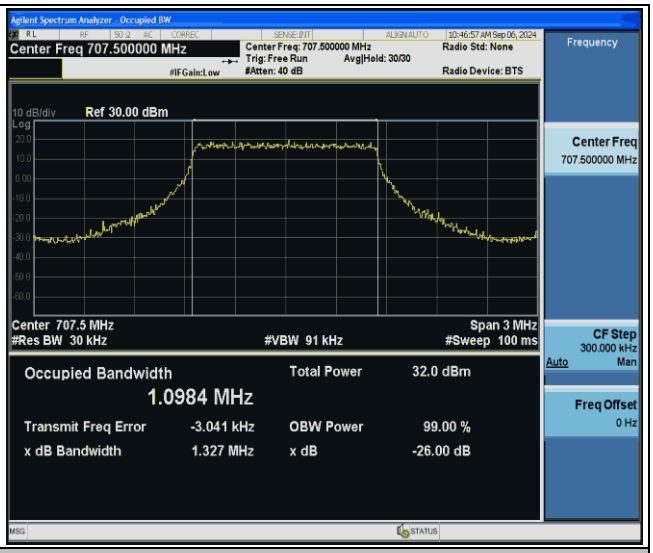

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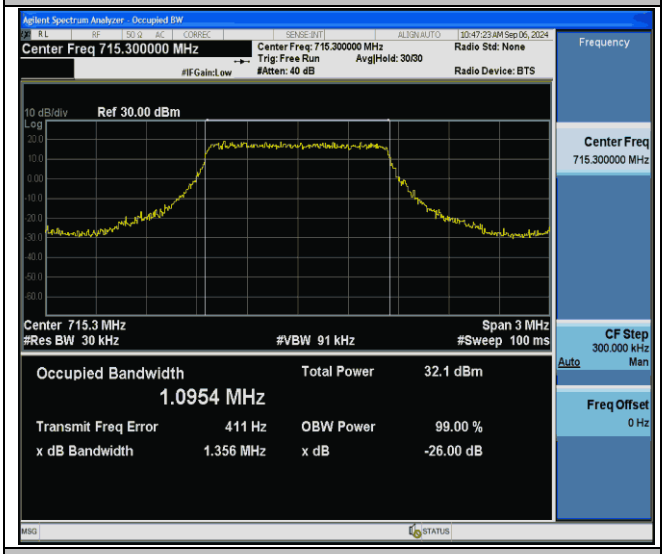

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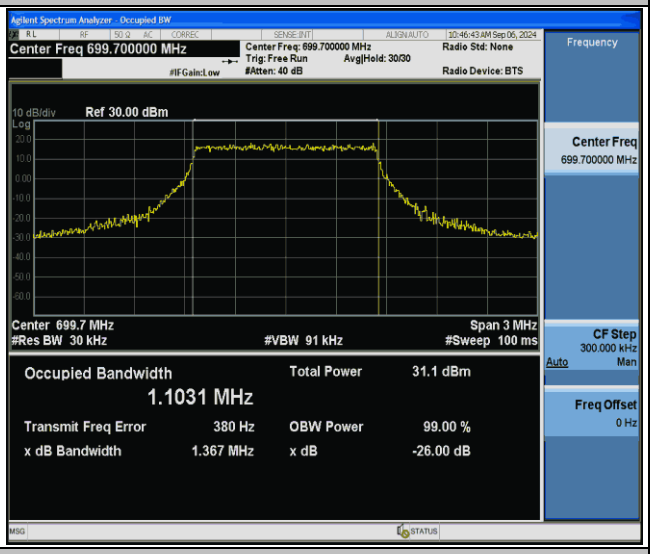
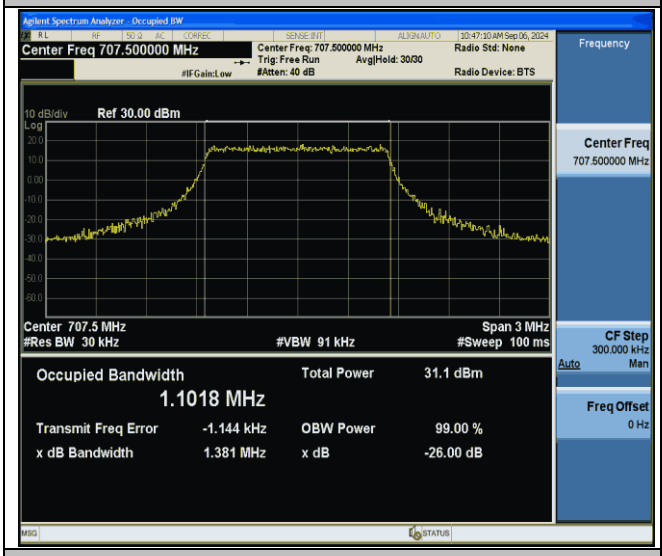


Band12-1.4MHz-16QAM-23017-6RB#0-PASS



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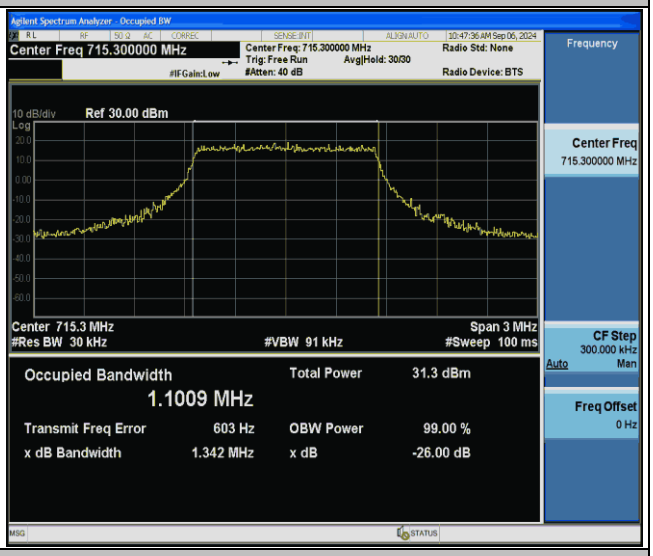

Band12-1.4MHz-16QAM-23173-6RB#0-PASS

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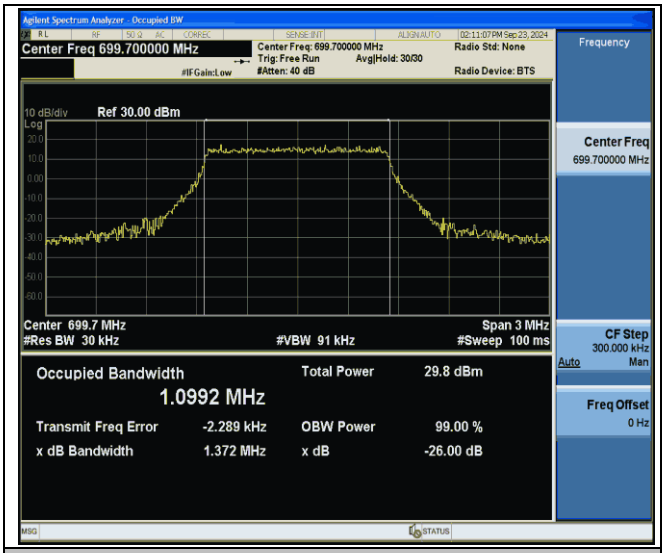

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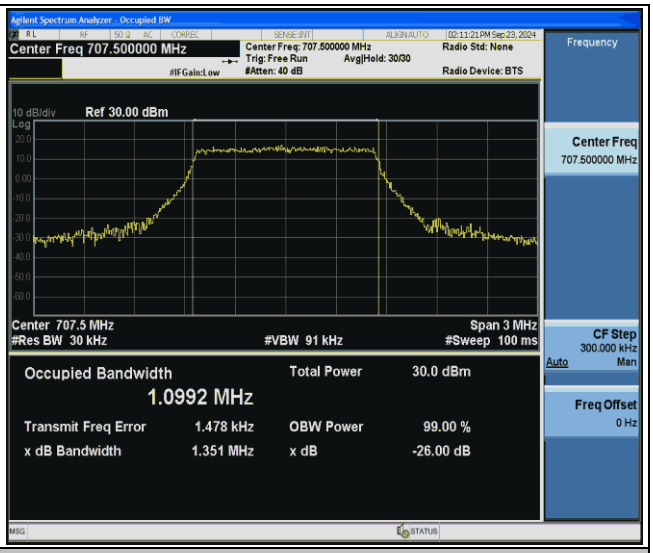

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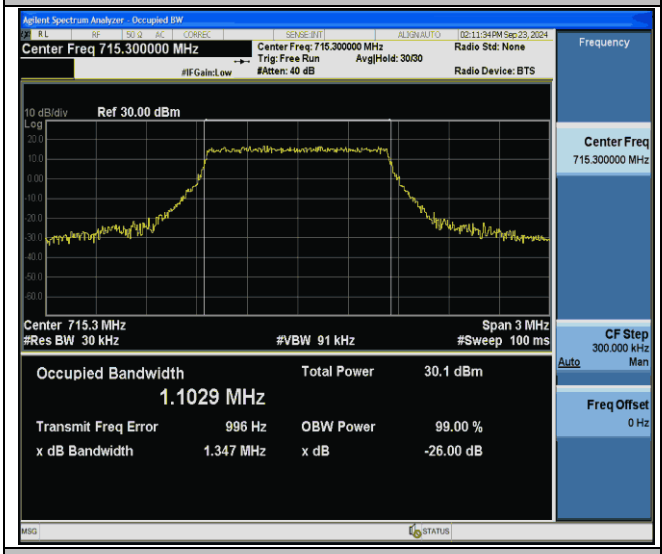

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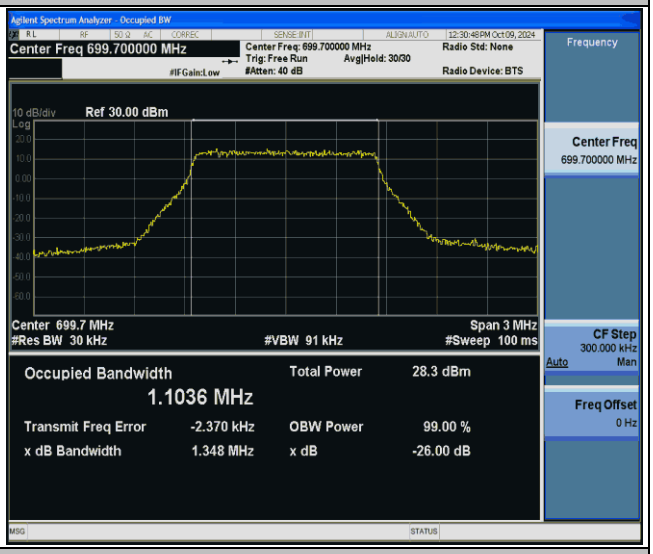

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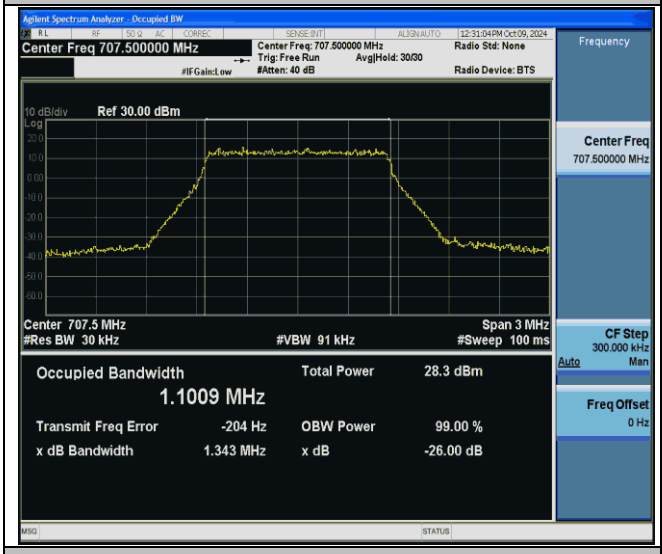

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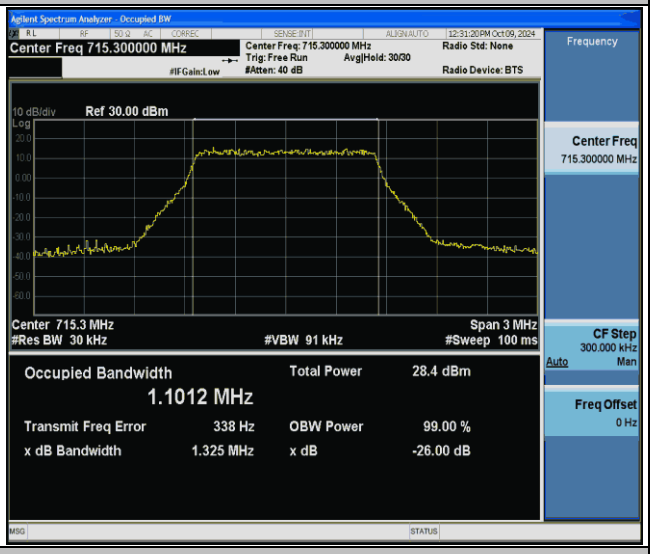

Band12-1.4MHz-256QAM-23173-6RB#0-PASS

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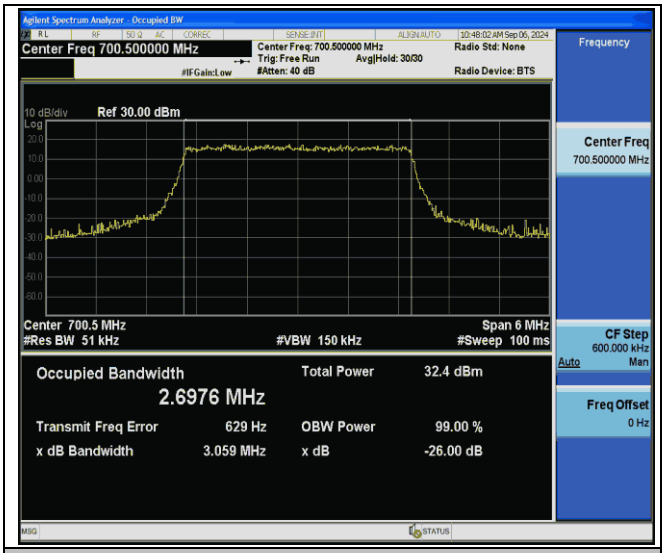

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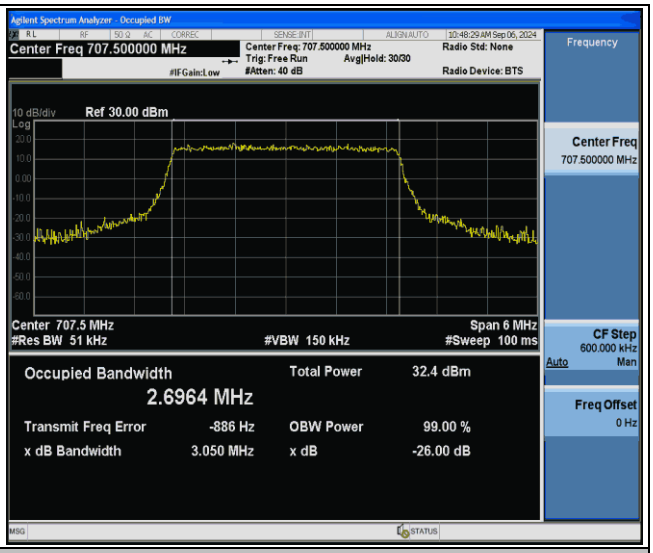

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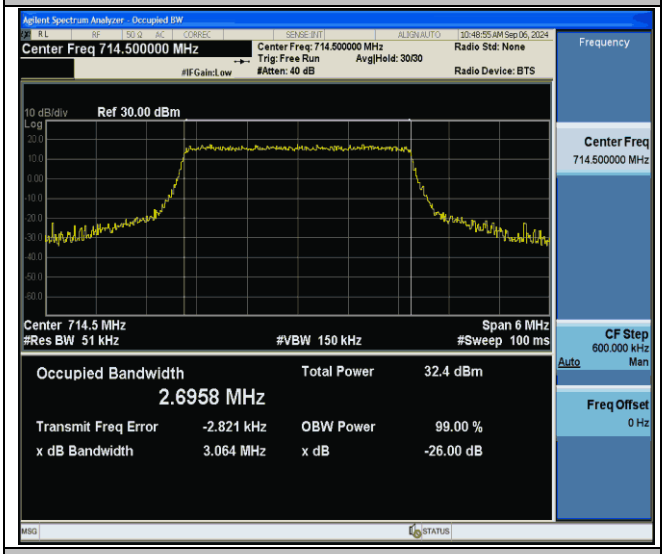

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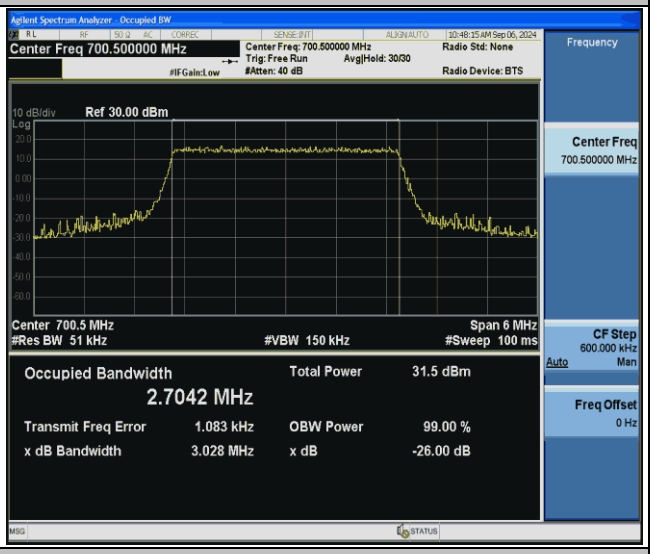

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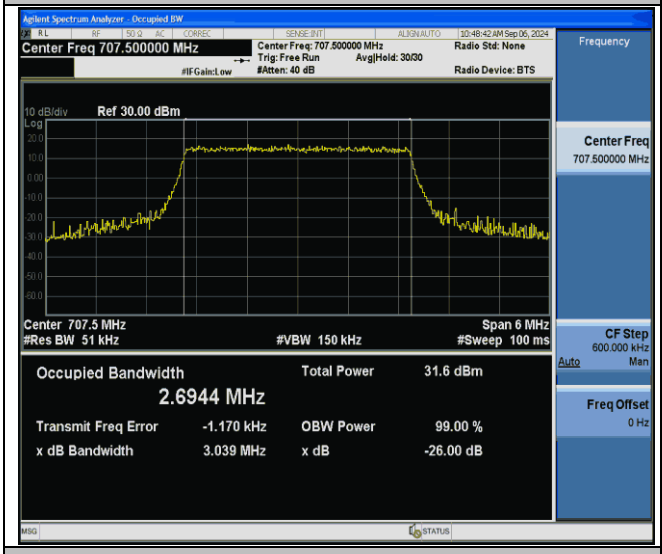

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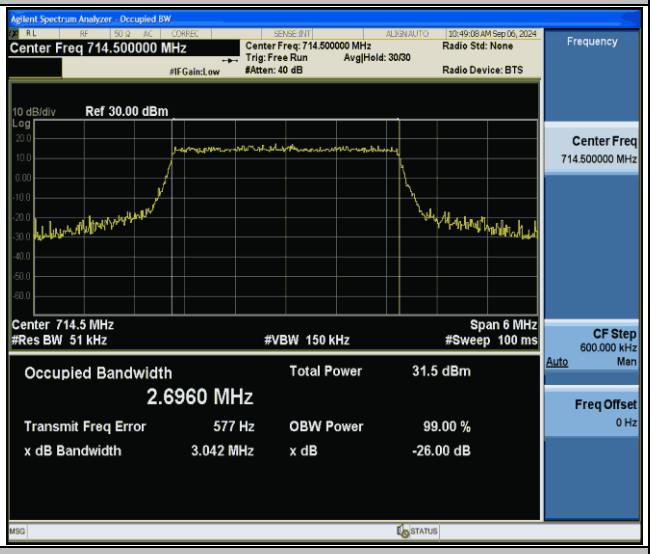

Band12-3MHz-16QAM-23165-15RB#0-PASS

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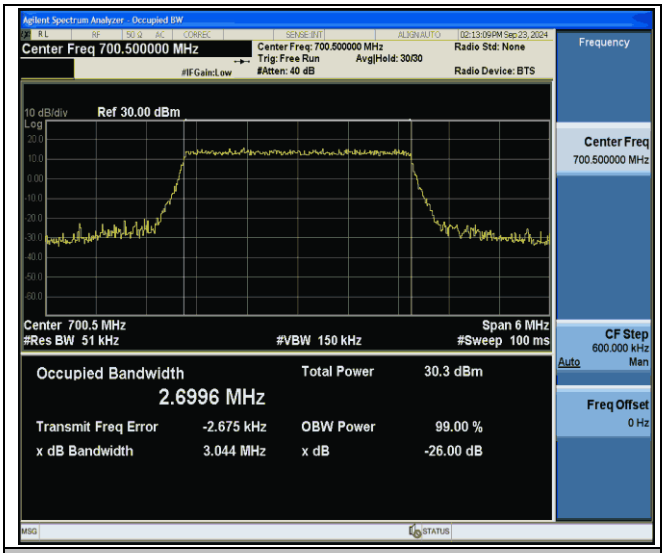

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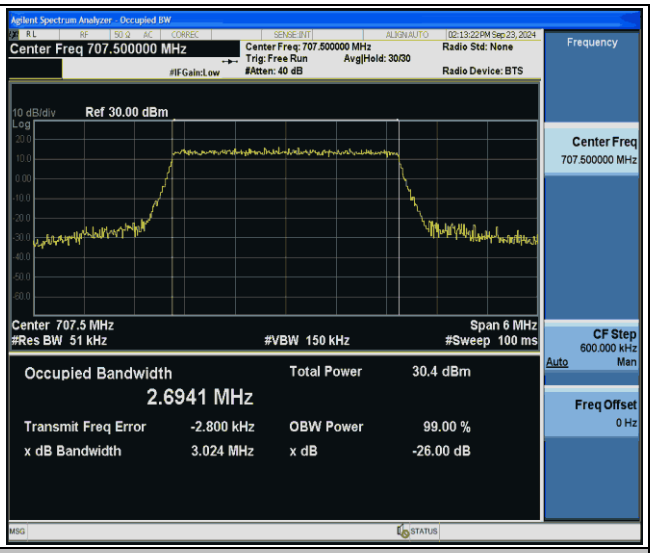

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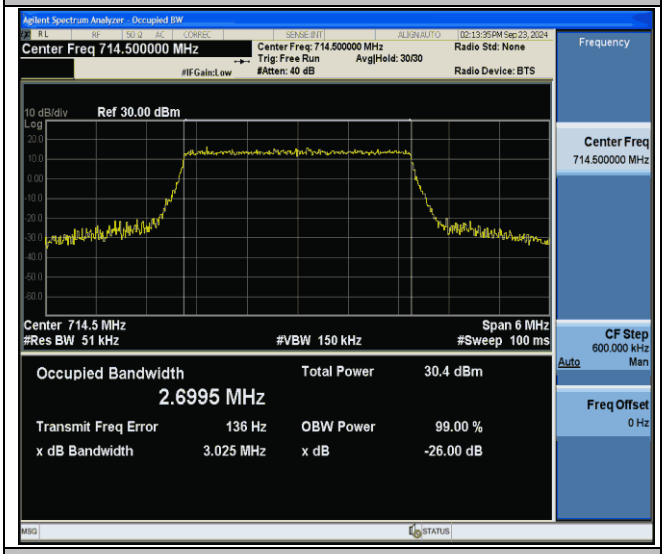

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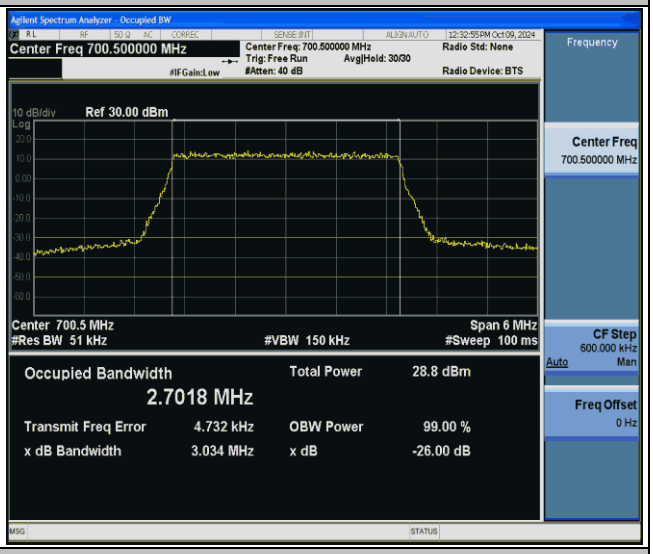

Band12-3MHz-256QAM-23025-15RB#0-PASS

Band12-3MHz-256QAM-23095-15RB#0-PASS

Band12-3MHz-256QAM-23165-15RB#0-PASS

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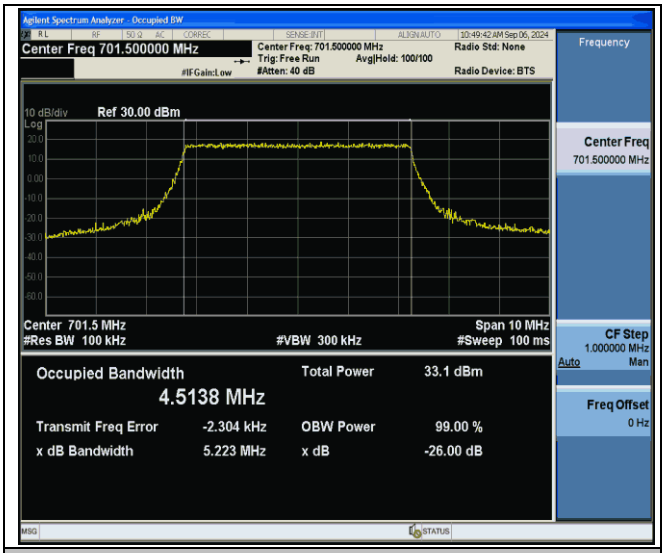

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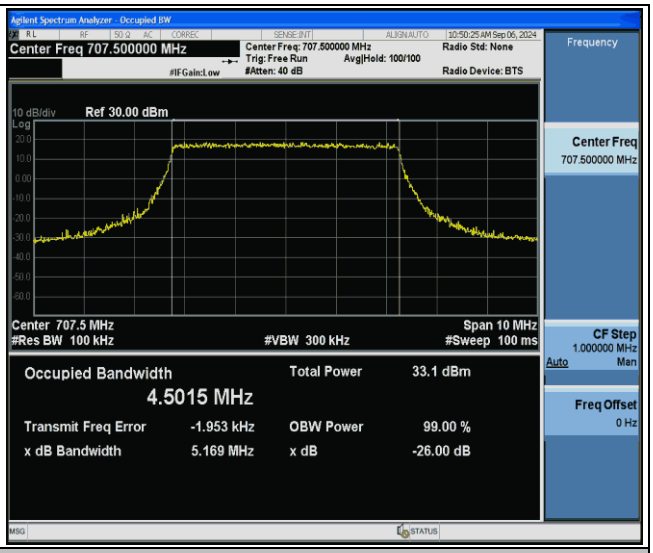

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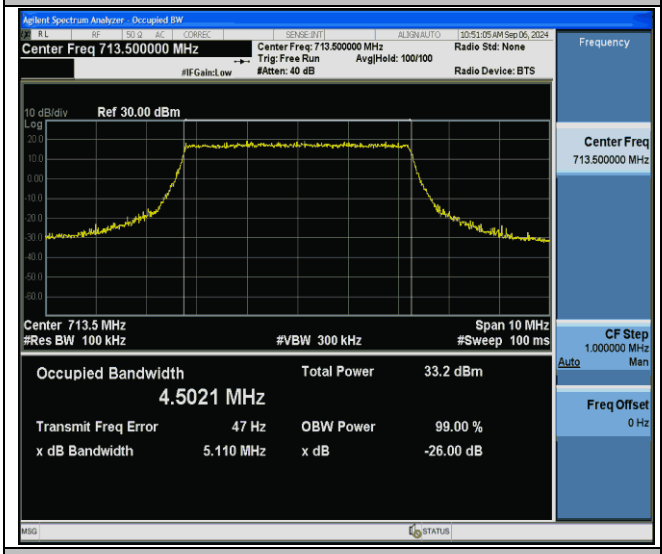

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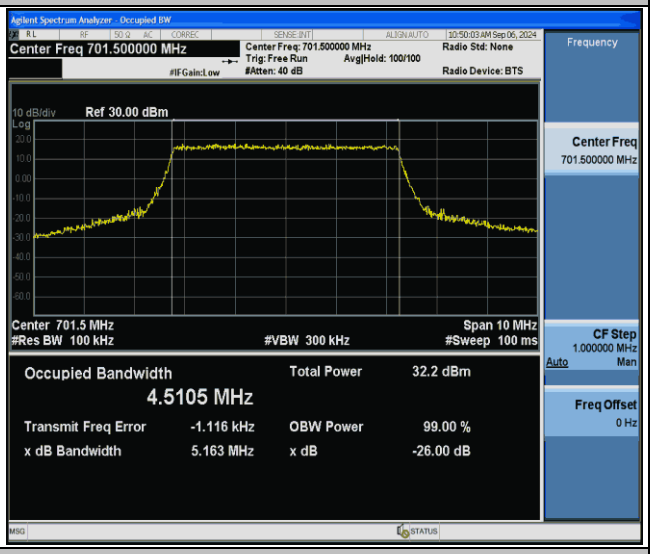

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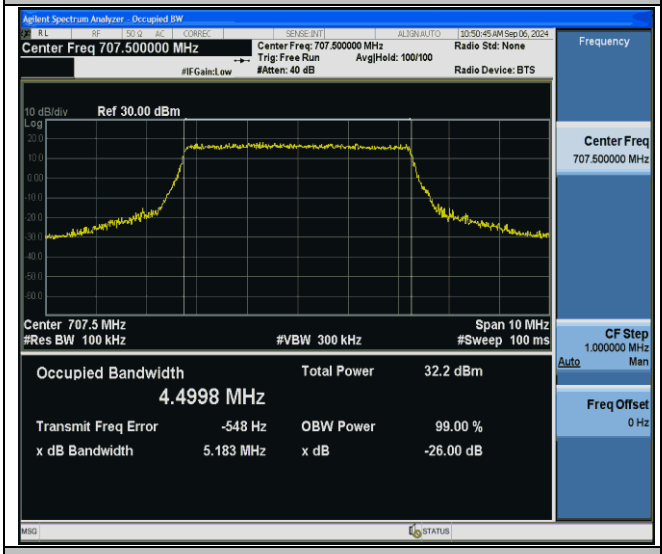

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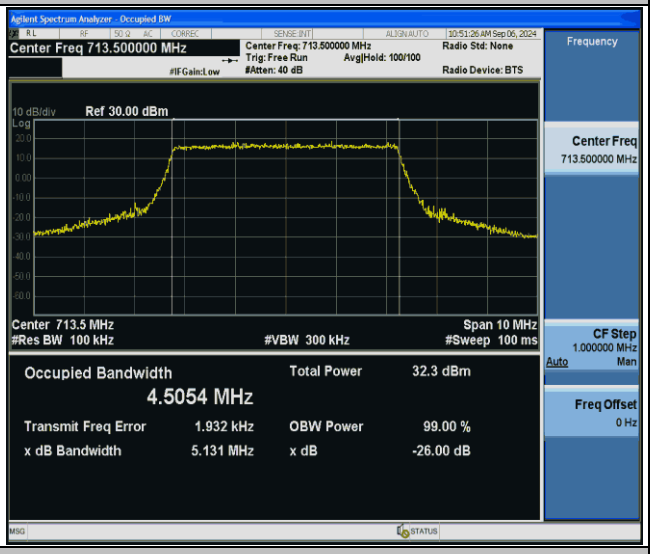

Band12-5MHz-16QAM-23155-25RB#0-PASS

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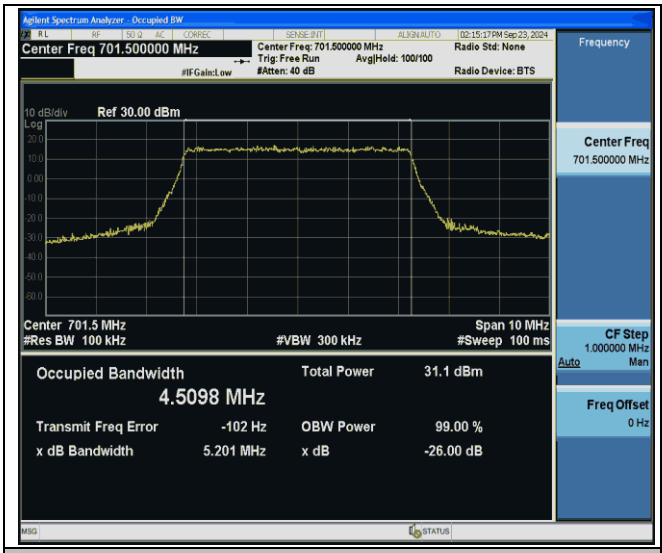

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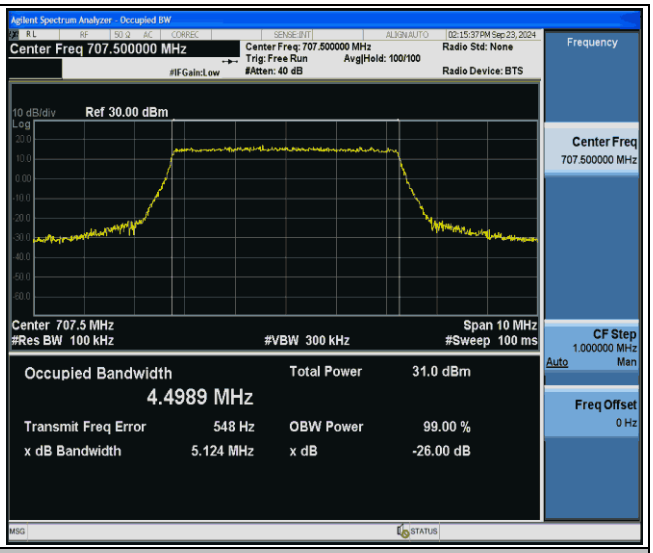

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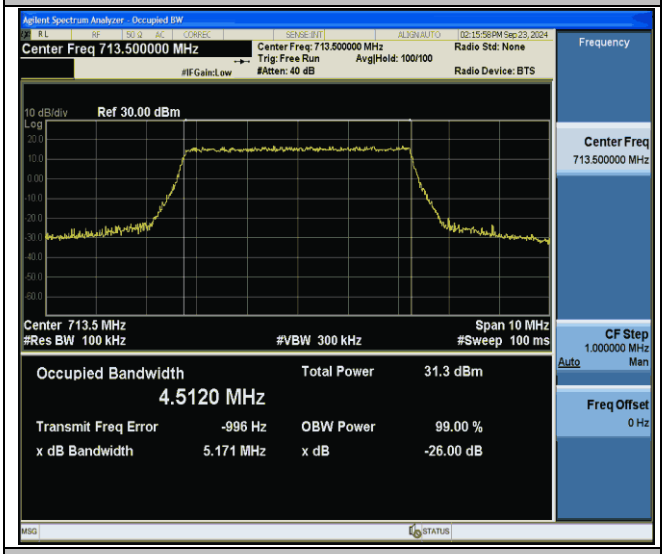
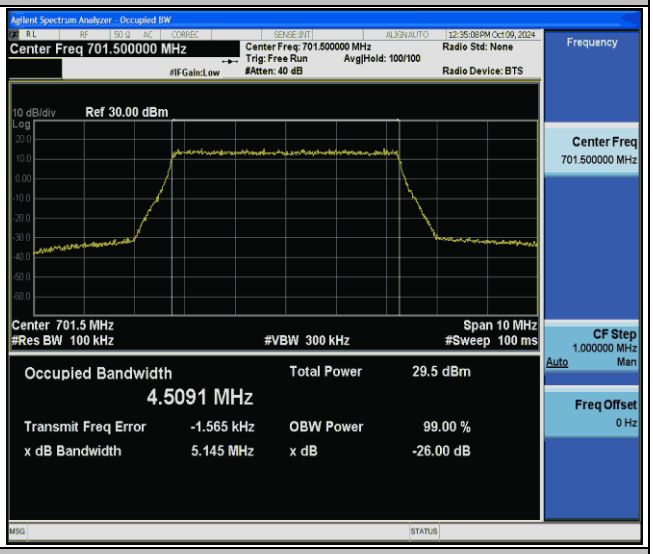


Band12-5MHz-64QAM-23155-25RB#0-PASS



Band12-5MHz-256QAM-23035-25RB#0-PASS

Band12-5MHz-256QAM-23095-25RB#0-PASS

Band12-5MHz-256QAM-23155-25RB#0-PASS

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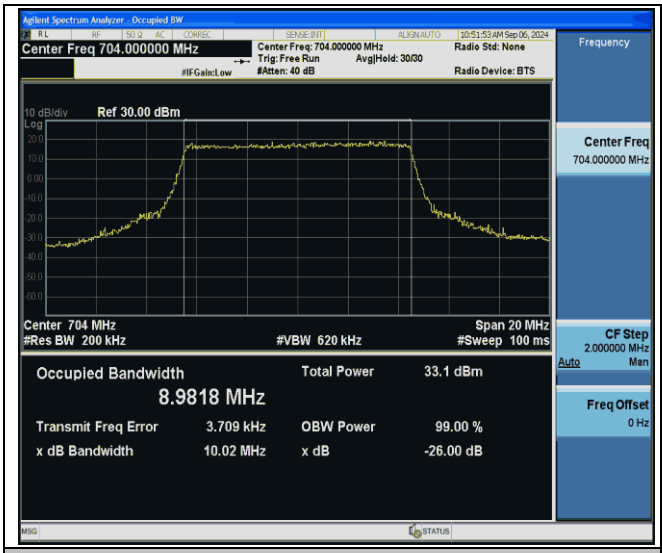
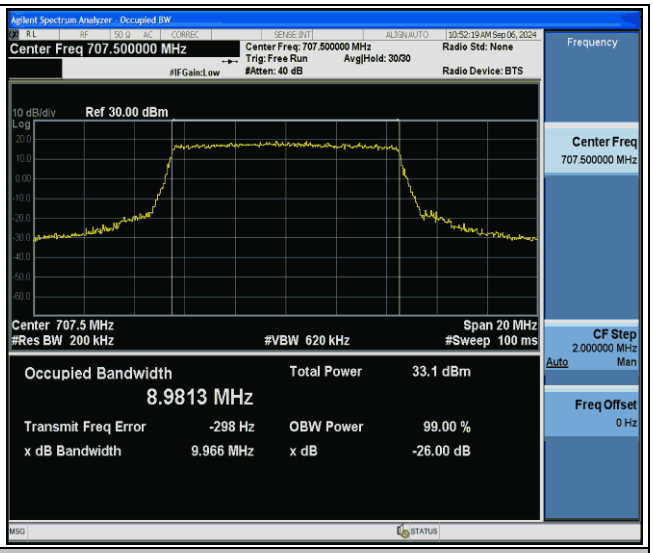
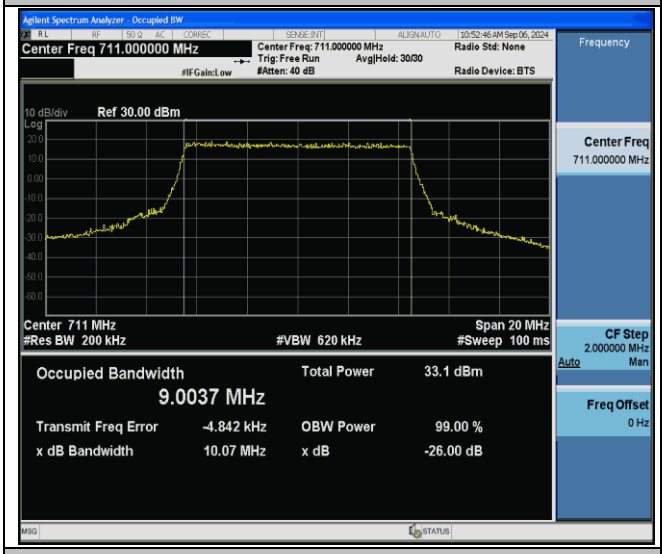


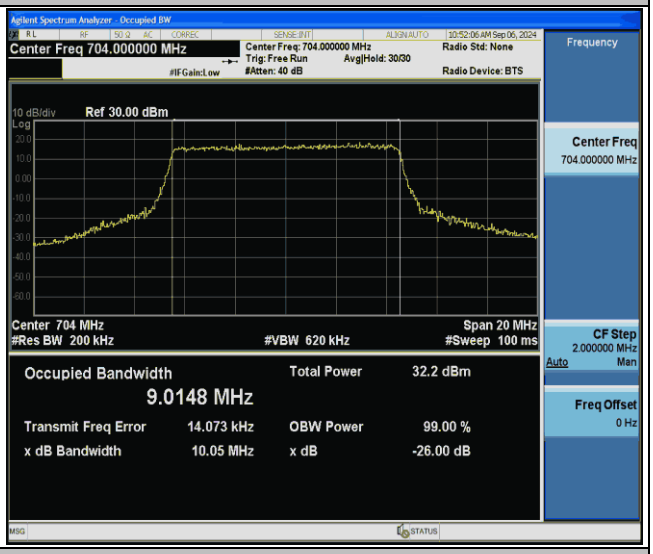
Band12-10MHz-QPSK-23060-50RB#0-PASS



Band12-10MHz-QPSK-23095-50RB#0-PASS

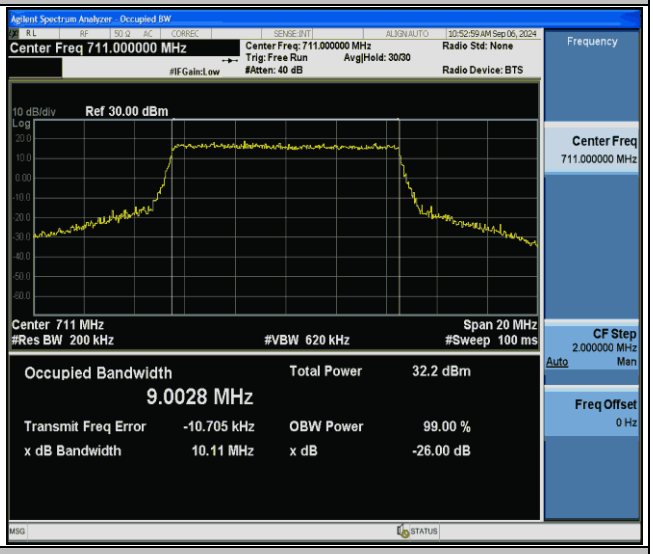


Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS

Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-16QAM-23130-50RB#0-PASS

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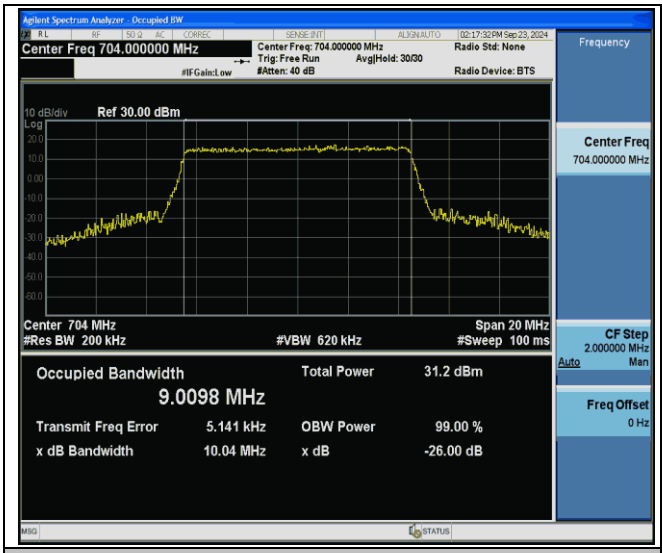
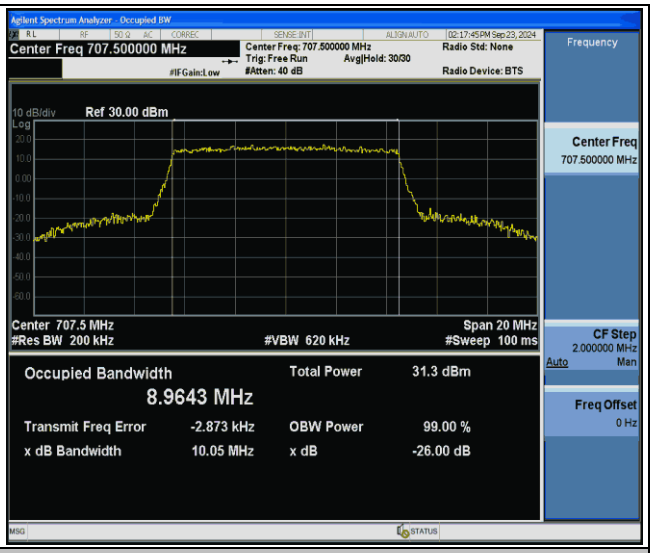
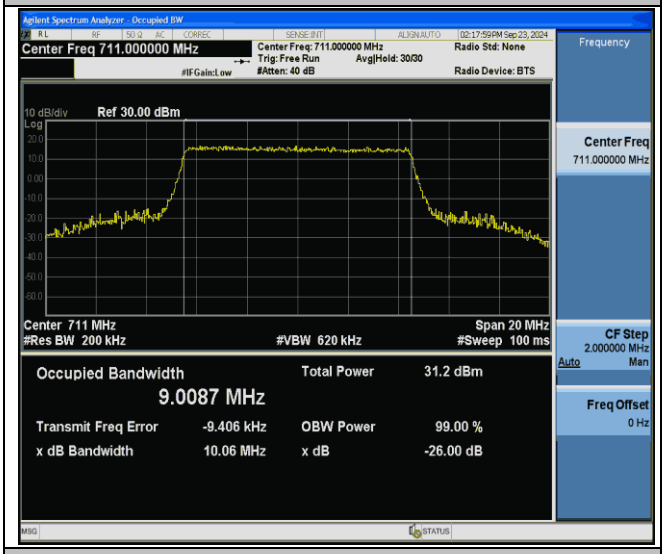


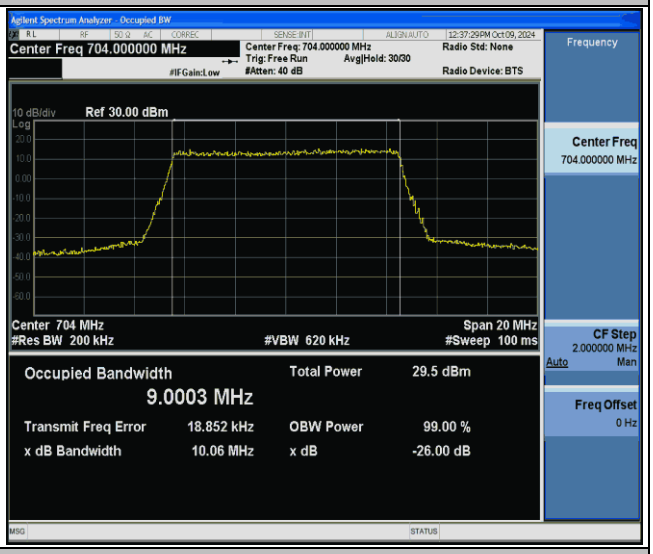
Band12-10MHz-64QAM-23060-50RB#0-PASS



Band12-10MHz-64QAM-23095-50RB#0-PASS

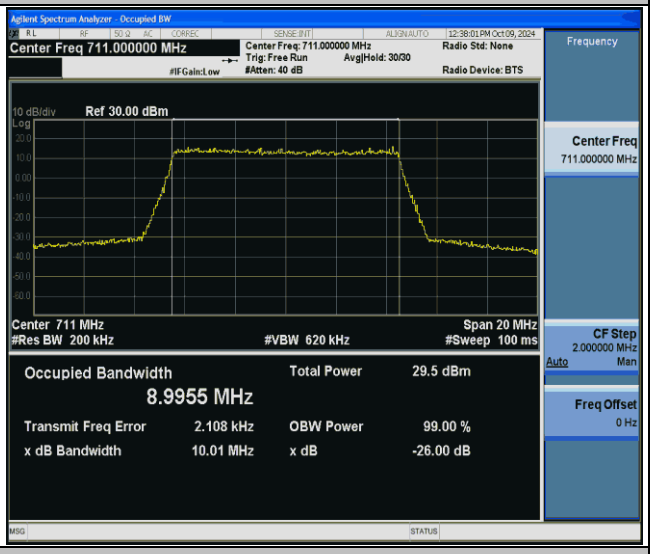


Band12-10MHz-64QAM-23130-50RB#0-PASS



Band12-10MHz-256QAM-23060-50RB#0-PASS

Band12-10MHz-256QAM-23095-50RB#0-PASS



Band12-10MHz-256QAM-23130-50RB#0-PASS

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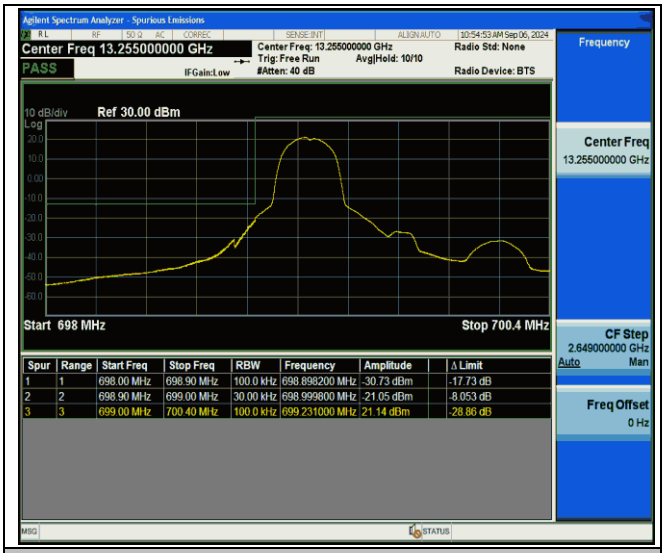
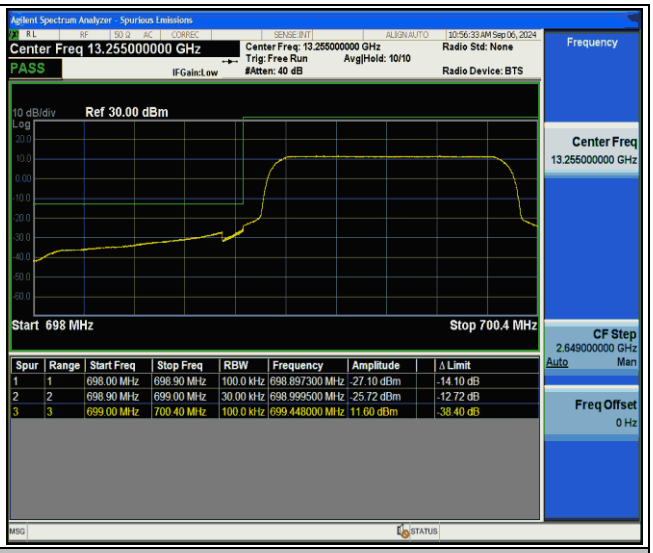
Band Edge

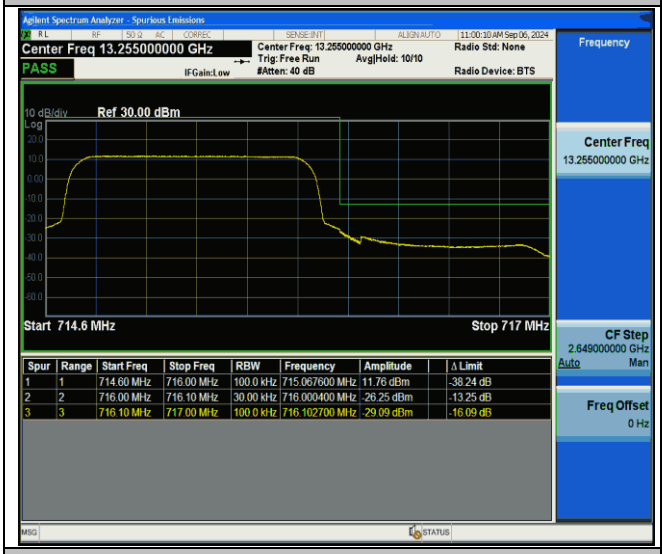
Test Graphs



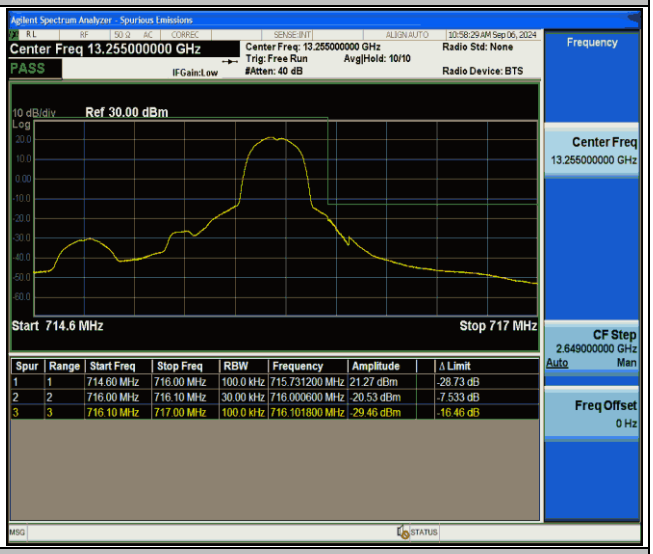
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



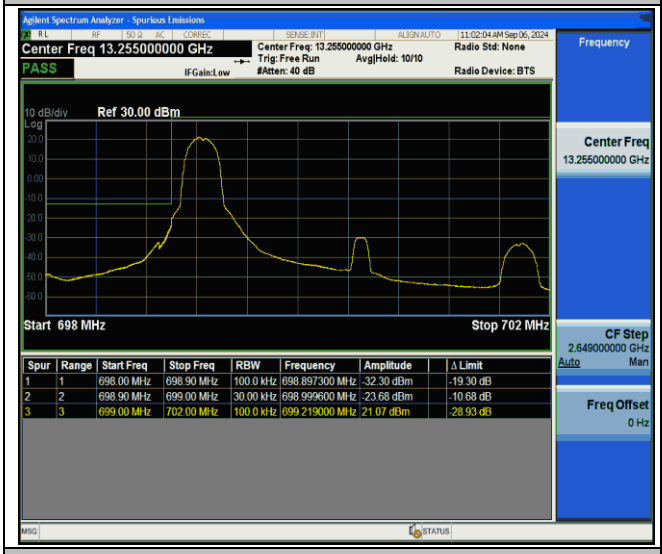
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



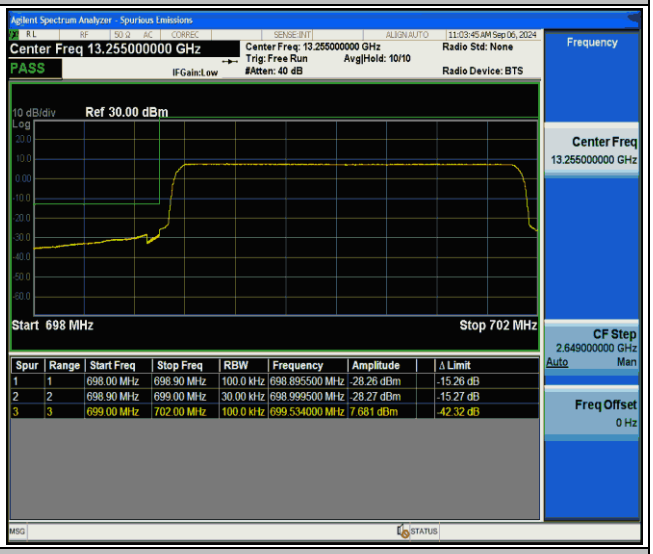
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-1RB#5-PASS



Band12-3MHz-QPSK-23025-1RB#0-PASS



Band12-3MHz-QPSK-23025-15RB#0-PASS

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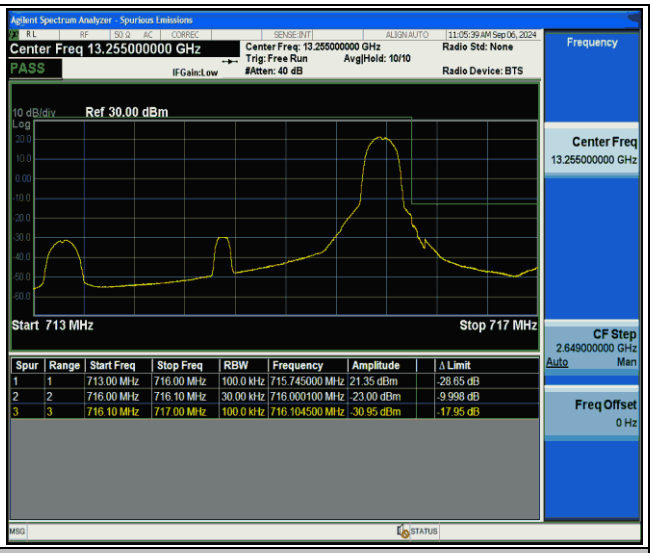
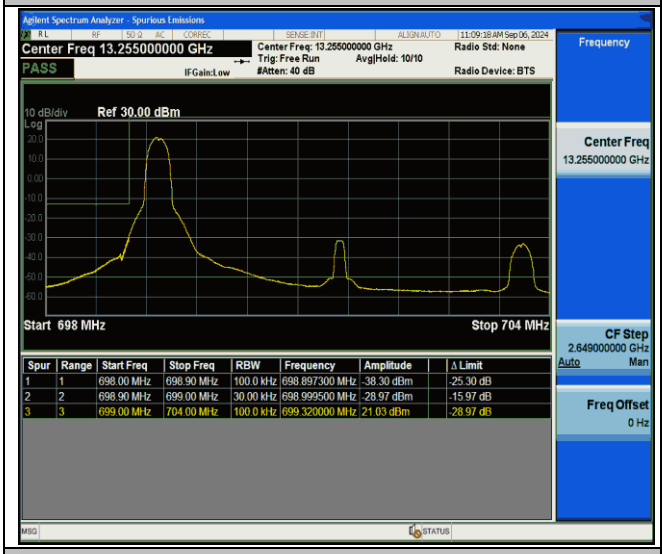
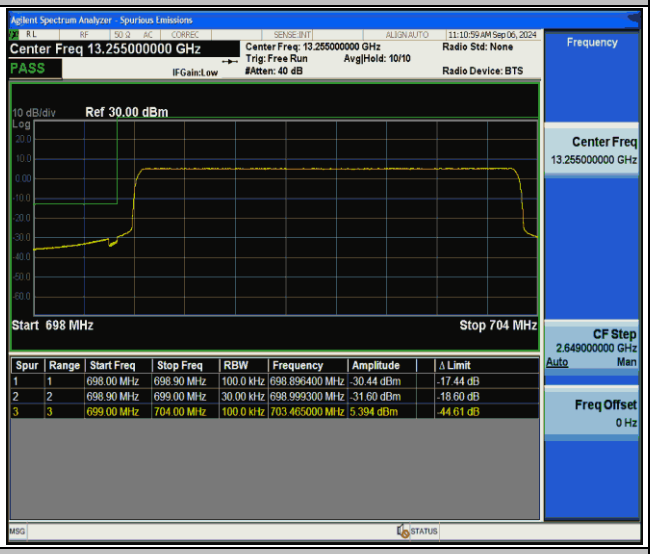
Band12-3MHz-QPSK-23165-15RB#0-PASS



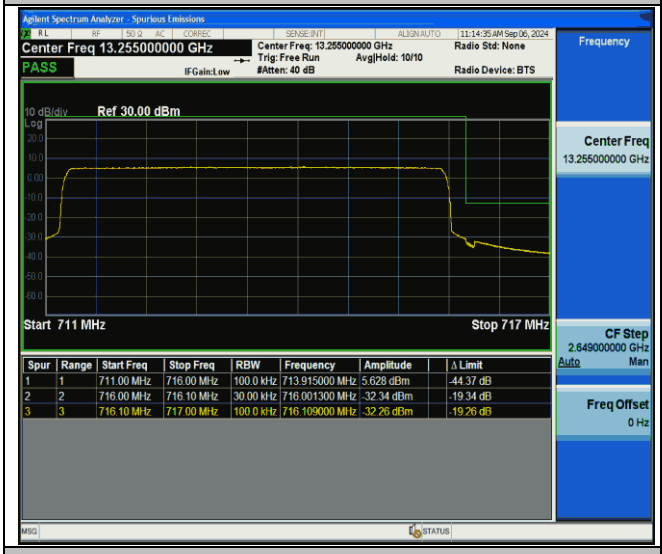
Band12-3MHz-QPSK-23165-1RB#14-PASS



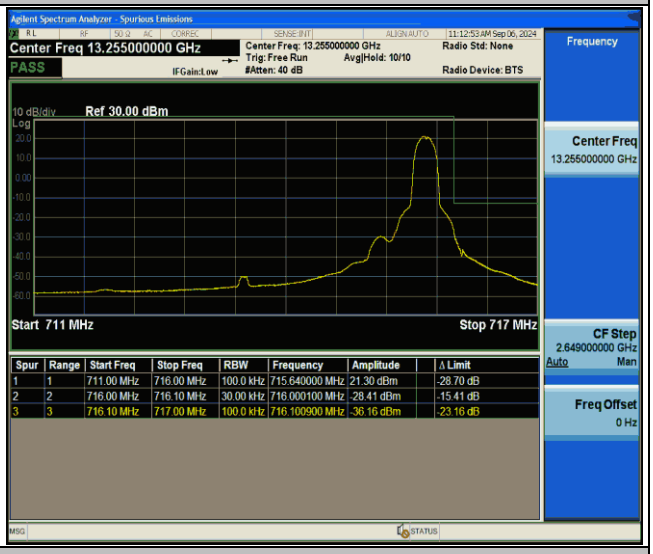
Band12-5MHz-QPSK-23035-1RB#0-PASS



Band12-5MHz-QPSK-23035-25RB#0-PASS



Band12-5MHz-QPSK-23155-25RB#0-PASS



Band12-5MHz-QPSK-23155-1RB#24-PASS

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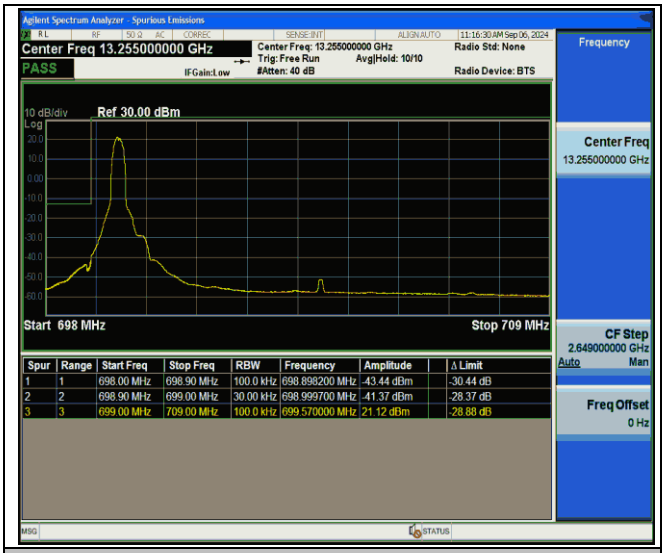
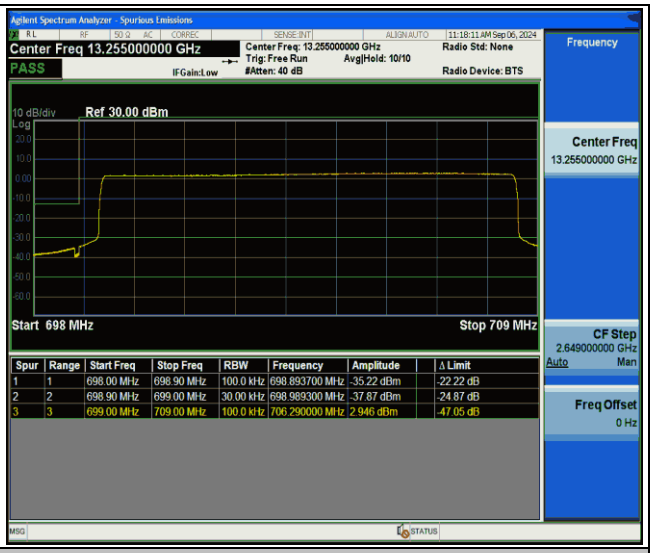
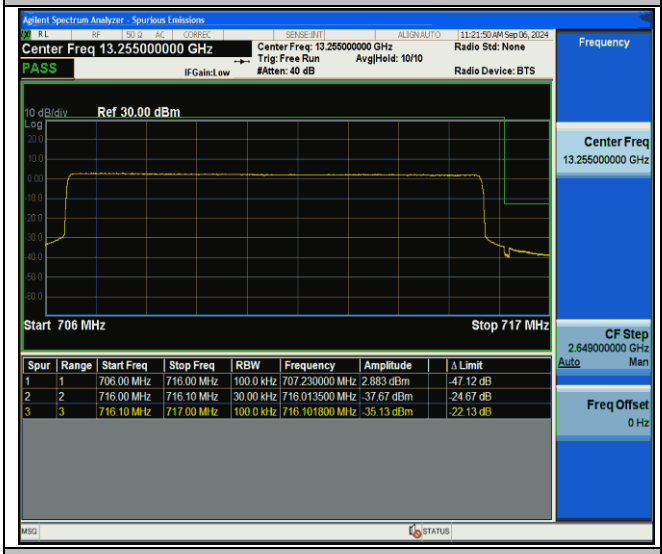


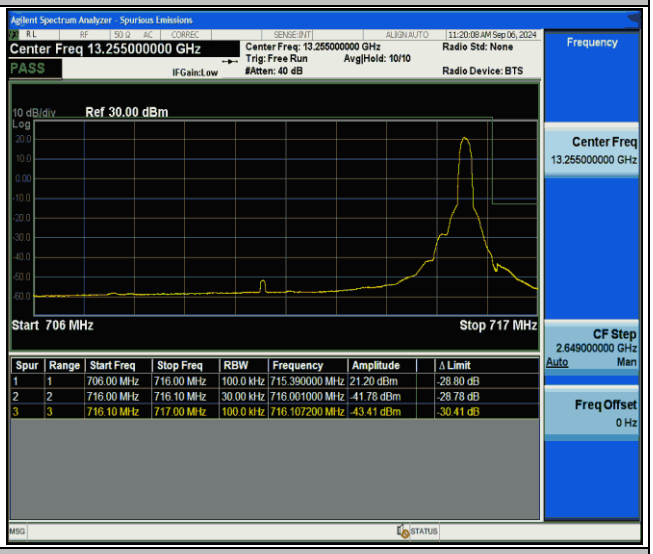
Band12-10MHz-QPSK-23060-1RB#0-PASS



Band12-10MHz-QPSK-23060-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



Band12-10MHz-QPSK-23130-1RB#49-PASS

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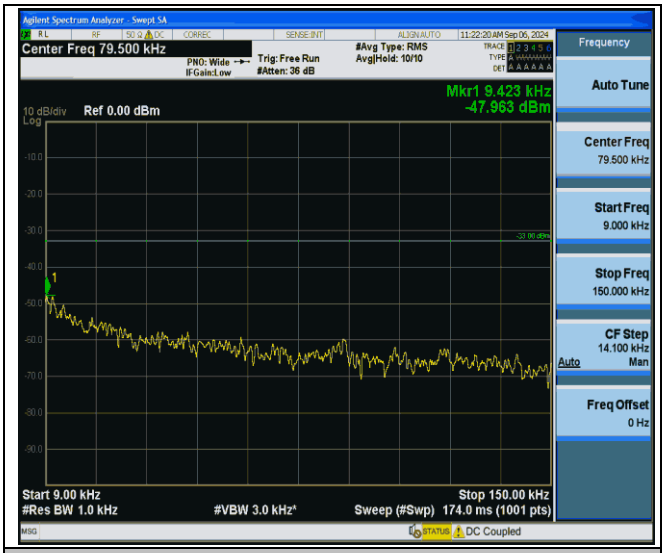
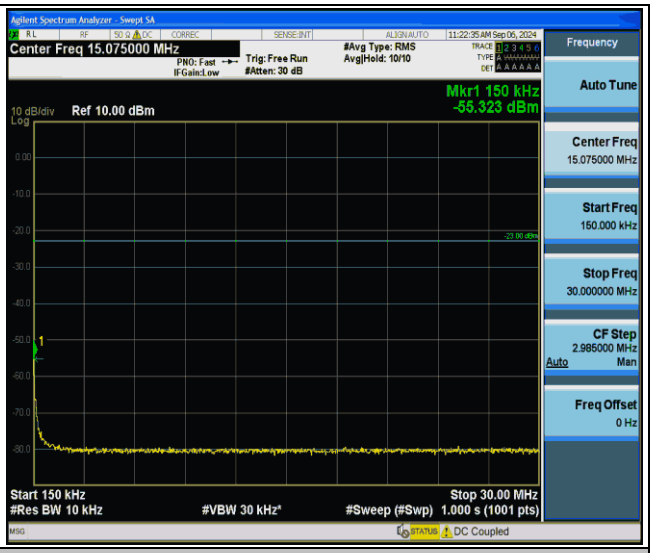
Conducted Spurious Emission

Test Graphs



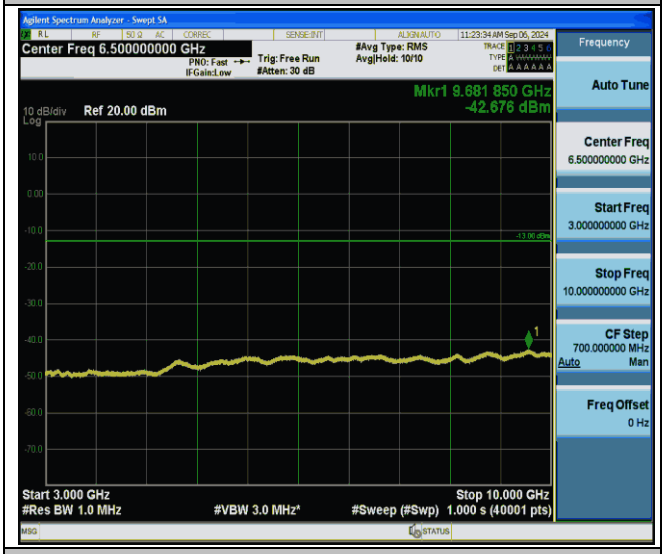
Band12-10MHz-QPSK-23060-1RB#0-0.009~0.15-PASS



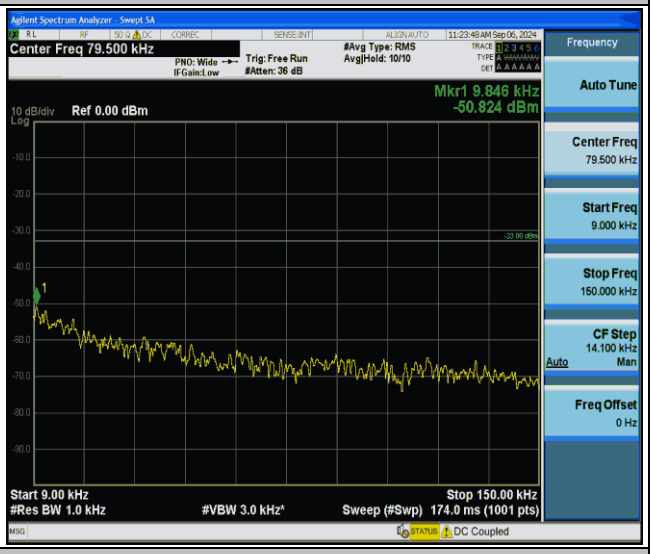
Band12-10MHz-QPSK-23060-1RB#0-0.15~30-PASS

Band12-10MHz-QPSK-23060-1RB#0-30~1000-PASS

Band12-10MHz-QPSK-23060-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23060-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23095-1RB#0-0.009~0.15-PASS

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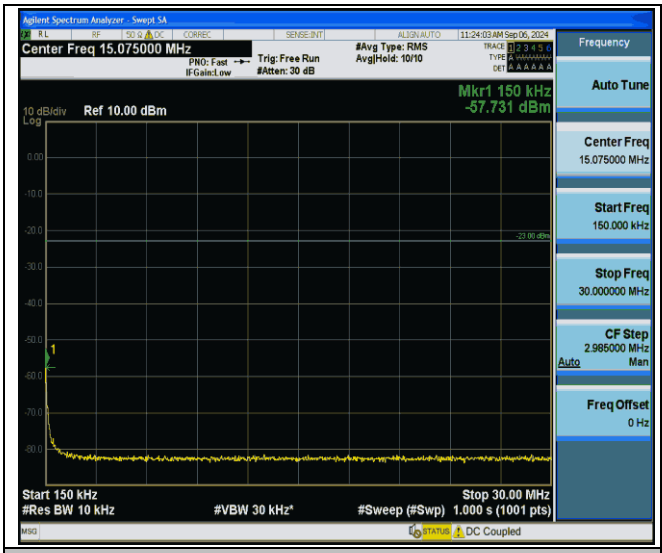
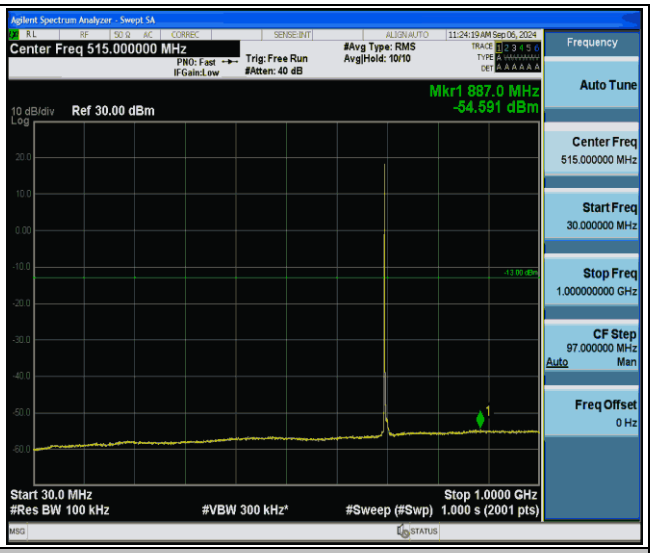
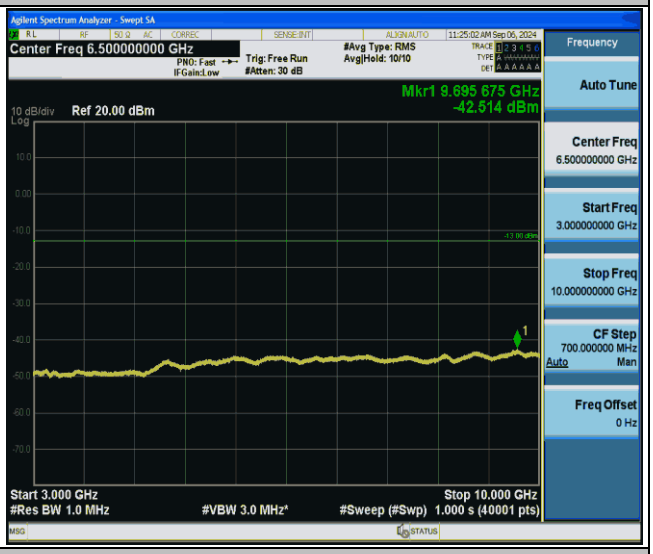


Band12-10MHz-QPSK-23095-1RB#0-0.15~30-PASS

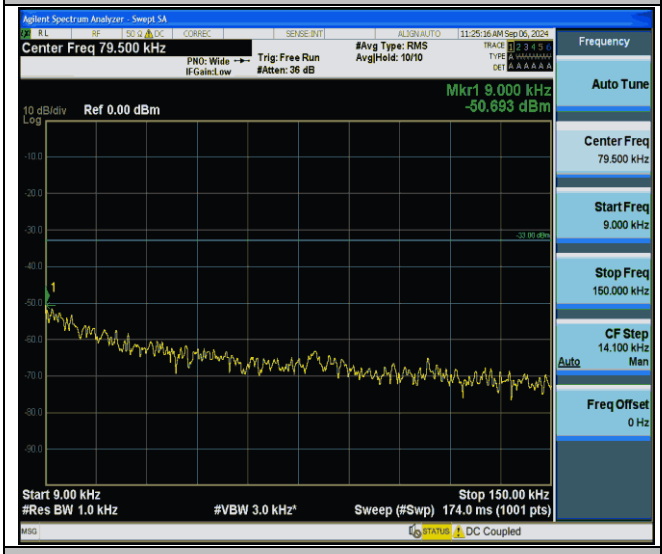


Band12-10MHz-QPSK-23095-1RB#0-30~1000-PASS

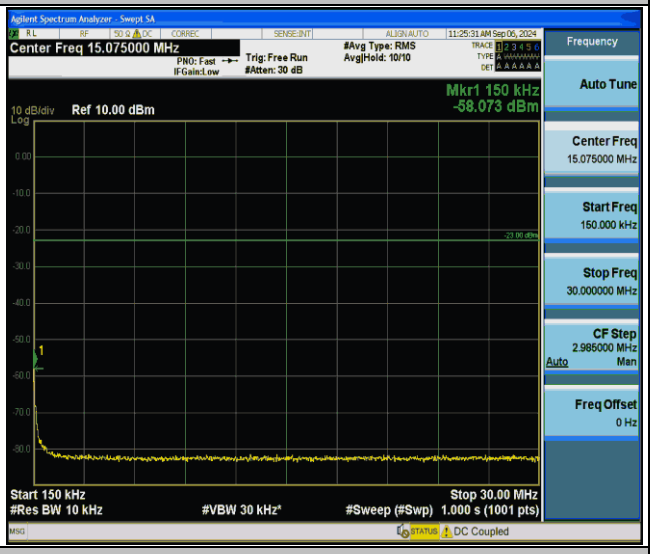
Band12-10MHz-QPSK-23095-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23095-1RB#0-3000~10000-PASS



Band12-10MHz-QPSK-23130-1RB#0-0.009~0.15-PASS



Band12-10MHz-QPSK-23130-1RB#0-0.15~30-PASS

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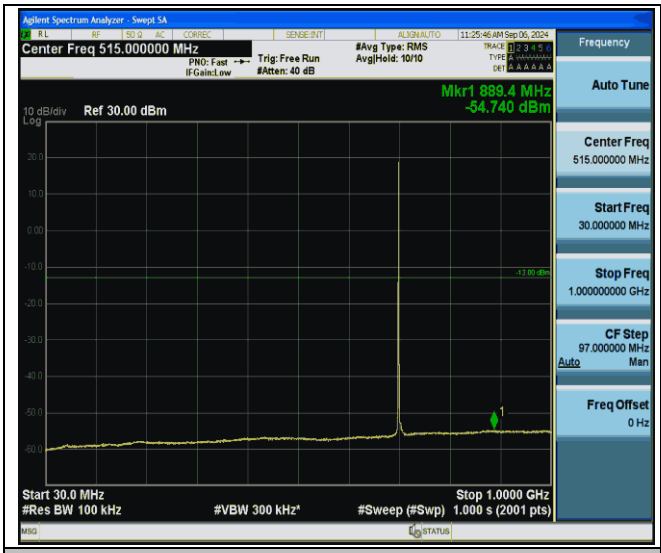
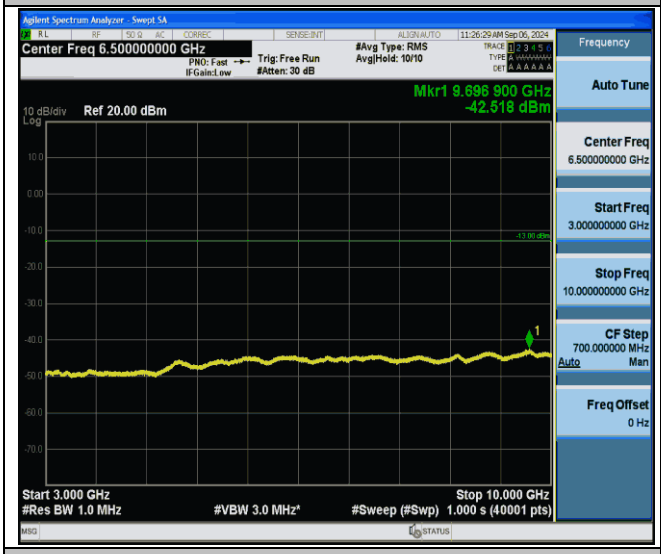


Band12-10MHz-QPSK-23130-1RB#0-30~1000-PASS

Band12-10MHz-QPSK-23130-1RB#0-1000~3000-PASS



Band12-10MHz-QPSK-23130-1RB#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
Band12	10MHz	QPSK	23095	100RB#0	VN	NT	1.60	0.002261	PASS
Band12	10MHz	QPSK	23095	100RB#0	VL	NT	0.70	0.000989	PASS
Band12	10MHz	QPSK	23095	100RB#0	VH	NT	1.40	0.001979	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band12	10MHz	QPSK	23095	100RB#0	NV	-30	0.90	0.001272	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	-20	0.80	0.001131	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	-10	-0.10	-0.000141	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	0	-0.30	-0.000424	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	10	0.10	0.000141	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	20	0.20	0.000283	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	30	-0.10	-0.000141	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	40	-0.30	-0.000424	PASS
Band12	10MHz	QPSK	23095	100RB#0	NV	50	0.60	0.000848	PASS

~The End~

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