Appendix N: Test Data for E-UTRA Band 71

Product Name: Smart phone

Test Model: JK68

Environmental Conditions

Temperature:	23.9° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Luo
Supervised by:	Nick Peng

N.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	24.24	PASS
Band71	5MHz	16QAM	133147	1RB#0	23.15	PASS
Band71	5MHz	QPSK	133147	1RB#12	24.31	PASS
Band71	5MHz	16QAM	133147	1RB#12	23.13	PASS
Band71	5MHz	QPSK	133147	1RB#24	24.35	PASS
Band71	5MHz	16QAM	133147	1RB#24	23.24	PASS
Band71	5MHz	QPSK	133147	12RB#0	23.10	PASS
Band71	5MHz	16QAM	133147	12RB#0	22.15	PASS
Band71	5MHz	QPSK	133147	12RB#6	23.12	PASS
Band71	5MHz	16QAM	133147	12RB#6	22.12	PASS
Band71	5MHz	QPSK	133147	12RB#13	23.23	PASS
Band71	5MHz	16QAM	133147	12RB#13	22.27	PASS
Band71	5MHz	QPSK	133147	25RB#0	23.23	PASS
Band71	5MHz	16QAM	133147	25RB#0	22.21	PASS
Band71	5MHz	QPSK	133297	1RB#0	24.44	PASS
Band71	5MHz	16QAM	133297	1RB#0	23.42	PASS
Band71	5MHz	QPSK	133297	1RB#12	24.27	PASS
Band71	5MHz	16QAM	133297	1RB#12	23.30	PASS
Band71	5MHz	QPSK	133297	1RB#24	24.23	PASS
Band71	5MHz	16QAM	133297	1RB#24	23.24	PASS
Band71	5MHz	QPSK	133297	12RB#0	23.43	PASS
Band71	5MHz	16QAM	133297	12RB#0	22.46	PASS
Band71	5MHz	QPSK	133297	12RB#6	23.41	PASS
Band71	5MHz	16QAM	133297	12RB#6	22.45	PASS
Band71	5MHz	QPSK	133297	12RB#13	23.25	PASS
Band71	5MHz	16QAM	133297	12RB#13	22.30	PASS
Band71	5MHz	QPSK	133297	25RB#0	23.37	PASS
Band71	5MHz	16QAM	133297	25RB#0	22.33	PASS
Band71	5MHz	QPSK	133447	1RB#0	24.15	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.99	PASS
Band71	5MHz	QPSK	133447	1RB#12	24.13	PASS
Band71	5MHz	16QAM	133447	1RB#12	23.05	PASS
Band71	5MHz	QPSK	133447	1RB#24	24.15	PASS
Band71	5MHz	16QAM	133447	1RB#24	23.08	PASS
Band71	5MHz	QPSK	133447	12RB#0	23.10	PASS
Band71	5MHz	16QAM	133447	12RB#0	22.16	PASS

Band71	5MHz	QPSK	133447	12RB#6	23.11	PASS
Band71	5MHz	16QAM	133447	12RB#6	22.15	PASS
Band71	5MHz	QPSK	133447	12RB#13	23.18	PASS
Band71	5MHz	16QAM	133447	12RB#13	22.21	PASS
Band71	5MHz	QPSK	133447	25RB#0	23.16	PASS
Band71	5MHz	16QAM	133447	25RB#0	22.23	PASS
Band71	10MHz	QPSK	133172	1RB#0	24.17	PASS
Band71	10MHz	16QAM	133172	1RB#0	23.08	PASS
Band71	10MHz	QPSK	133172	1RB#24	24.25	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.13	PASS
Band71	10MHz	QPSK	133172	1RB#49	24.38	PASS
Band71	10MHz	16QAM	133172	1RB#49	23.28	PASS
Band71	10MHz	QPSK	133172	25RB#0	23.19	PASS
Band71	10MHz	16QAM	133172	25RB#0	22.13	PASS
Band71	10MHz	QPSK	133172	25RB#12	23.18	PASS
Band71	10MHz	16QAM	133172	25RB#12	22.14	PASS
Band71	10MHz	QPSK	133172	25RB#25	23.40	PASS
Band71	10MHz	16QAM	133172	25RB#25	22.35	PASS
Band71	10MHz	QPSK	133172	50RB#0	23.23	PASS
Band71	10MHz	16QAM	133172	50RB#0	22.23	PASS
Band71	10MHz	QPSK	133297	1RB#0	24.37	PASS
Band71	10MHz	16QAM	133297	1RB#0	23.17	PASS
Band71	10MHz	QPSK	133297	1RB#24	24.24	PASS
Band71	10MHz	16QAM	133297	1RB#24	23.06	PASS
Band71	10MHz	QPSK	133297	1RB#49	24.24	PASS
Band71	10MHz	16QAM	133297	1RB#49	23.05	PASS
Band71	10MHz	QPSK	133297	25RB#0	23.47	PASS
Band71	10MHz	16QAM	133297	25RB#0	22.45	PASS
Band71	10MHz	QPSK	133297	25RB#12	23.46	PASS
Band71	10MHz	16QAM	133297	25RB#12	22.46	PASS
Band71	10MHz	QPSK	133297	25RB#25	23.24	PASS
Band71	10MHz	16QAM	133297	25RB#25	22.28	PASS
Band71	10MHz	QPSK	133297	50RB#0	23.33	PASS
Band71	10MHz	16QAM	133297	50RB#0	22.34	PASS
Band71	10MHz	QPSK	133422	1RB#0	24.22	PASS
Band71	10MHz	16QAM	133422	1RB#0	23.23	PASS
Band71	10MHz	QPSK	133422	1RB#24	24.02	PASS
Band71	10MHz	16QAM	133422	1RB#24	23.03	PASS
Band71	10MHz	QPSK	133422	1RB#49	24.10	PASS
Band71	10MHz	16QAM	133422	1RB#49	23.16	PASS
Band71	10MHz	QPSK	133422	25RB#0	23.15	PASS
Band71	10MHz	16QAM	133422	25RB#0	22.10	PASS

Band71	10MHz	QPSK	133422	25RB#12	23.14	PASS
Band71	10MHz	16QAM	133422	25RB#12	22.13	PASS
Band71	10MHz	QPSK	133422	25RB#25	23.18	PASS
Band71	10MHz	16QAM	133422	25RB#25	22.16	PASS
Band71	10MHz	QPSK	133422	50RB#0	23.09	PASS
Band71	10MHz	16QAM	133422	50RB#0	22.10	PASS
Band71	15MHz	QPSK	133197	1RB#0	24.07	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.90	PASS
Band71	15MHz	QPSK	133197	1RB#38	24.30	PASS
Band71	15MHz	16QAM	133197	1RB#38	23.11	PASS
Band71	15MHz	QPSK	133197	1RB#74	24.35	PASS
Band71	15MHz	16QAM	133197	1RB#74	23.13	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.91	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.87	PASS
Band71	15MHz	QPSK	133197	38RB#18	23.15	PASS
Band71	15MHz	16QAM	133197	38RB#18	23.14	PASS
Band71	15MHz	QPSK	133197	38RB#37	23.16	PASS
Band71	15MHz	16QAM	133197	38RB#37	23.15	PASS
Band71	15MHz	QPSK	133197	75RB#0	23.28	PASS
Band71	15MHz	16QAM	133197	75RB#0	22.33	PASS
Band71	15MHz	QPSK	133297	1RB#0	24.37	PASS
Band71	15MHz	16QAM	133297	1RB#0	23.35	PASS
Band71	15MHz	QPSK	133297	1RB#38	24.28	PASS
Band71	15MHz	16QAM	133297	1RB#38	23.32	PASS
Band71	15MHz	QPSK	133297	1RB#74	24.18	PASS
Band71	15MHz	16QAM	133297	1RB#74	23.22	PASS
Band71	15MHz	QPSK	133297	38RB#0	23.38	PASS
Band71	15MHz	16QAM	133297	38RB#0	23.35	PASS
Band71	15MHz	QPSK	133297	38RB#18	23.30	PASS
Band71	15MHz	16QAM	133297	38RB#18	23.37	PASS
Band71	15MHz	QPSK	133297	38RB#37	23.23	PASS
Band71	15MHz	16QAM	133297	38RB#37	23.25	PASS
Band71	15MHz	QPSK	133297	75RB#0	23.29	PASS
Band71	15MHz	16QAM	133297	75RB#0	22.28	PASS
Band71	15MHz	QPSK	133397	1RB#0	24.19	PASS
Band71	15MHz	16QAM	133397	1RB#0	23.35	PASS
Band71	15MHz	QPSK	133397	1RB#38	24.05	PASS
Band71	15MHz	16QAM	133397	1RB#38	23.22	PASS
Band71	15MHz	QPSK	133397	1RB#74	24.05	PASS
Band71	15MHz	16QAM	133397	1RB#74	23.26	PASS
Band71	15MHz	QPSK	133397	38RB#0	23.35	PASS
Band71	15MHz	16QAM	133397	38RB#0	23.34	PASS

Band71	15MHz	QPSK	133397	38RB#18	23.29	PASS
Band71	15MHz	16QAM	133397	38RB#18	23.23	PASS
Band71	15MHz	QPSK	133397	38RB#37	23.23	PASS
Band71	15MHz	16QAM	133397	38RB#37	23.21	PASS
Band71	15MHz	QPSK	133397	75RB#0	23.19	PASS
Band71	15MHz	16QAM	133397	75RB#0	22.21	PASS
Band71	20MHz	QPSK	133222	1RB#0	24.04	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.95	PASS
Band71	20MHz	QPSK	133222	1RB#49	24.35	PASS
Band71	20MHz	16QAM	133222	1RB#49	23.25	PASS
Band71	20MHz	QPSK	133222	1RB#99	24.26	PASS
Band71	20MHz	16QAM	133222	1RB#99	23.11	PASS
Band71	20MHz	QPSK	133222	50RB#0	23.22	PASS
Band71	20MHz	16QAM	133222	50RB#0	22.26	PASS
Band71	20MHz	QPSK	133222	50RB#25	23.22	PASS
Band71	20MHz	16QAM	133222	50RB#25	22.28	PASS
Band71	20MHz	QPSK	133222	50RB#50	23.37	PASS
Band71	20MHz	16QAM	133222	50RB#50	22.40	PASS
Band71	20MHz	QPSK	133222	100RB#0	23.30	PASS
Band71	20MHz	16QAM	133222	100RB#0	22.30	PASS
Band71	20MHz	QPSK	133322	1RB#0	24.49	PASS
Band71	20MHz	16QAM	133322	1RB#0	23.41	PASS
Band71	20MHz	QPSK	133322	1RB#49	24.34	PASS
Band71	20MHz	16QAM	133322	1RB#49	23.25	PASS
Band71	20MHz	QPSK	133322	1RB#99	24.17	PASS
Band71	20MHz	16QAM	133322	1RB#99	23.12	PASS
Band71	20MHz	QPSK	133322	50RB#0	23.48	PASS
Band71	20MHz	16QAM	133322	50RB#0	22.45	PASS
Band71	20MHz	QPSK	133322	50RB#25	23.50	PASS
Band71	20MHz	16QAM	133322	50RB#25	22.49	PASS
Band71	20MHz	QPSK	133322	50RB#50	23.23	PASS
Band71	20MHz	16QAM	133322	50RB#50	22.21	PASS
Band71	20MHz	QPSK	133322	100RB#0	23.35	PASS
Band71	20MHz	16QAM	133322	100RB#0	22.29	PASS
Band71	20MHz	QPSK	133372	1RB#0	24.46	PASS
Band71	20MHz	16QAM	133372	1RB#0	23.60	PASS
Band71	20MHz	QPSK	133372	1RB#49	24.23	PASS
Band71	20MHz	16QAM	133372	1RB#49	23.39	PASS
Band71	20MHz	QPSK	133372	1RB#99	24.10	PASS
Band71	20MHz	16QAM	133372	1RB#99	23.28	PASS
Band71	20MHz	QPSK	133372	50RB#0	23.45	PASS
Band71	20MHz	16QAM	133372	50RB#0	22.45	PASS

Band71	20MHz	QPSK	133372	50RB#25	23.46	PASS
Band71	20MHz	16QAM	133372	50RB#25	22.46	PASS
Band71	20MHz	QPSK	133372	50RB#50	23.28	PASS
Band71	20MHz	16QAM	133372	50RB#50	22.29	PASS
Band71	20MHz	QPSK	133372	100RB#0	23.38	PASS
Band71	20MHz	16QAM	133372	100RB#0	22.38	PASS

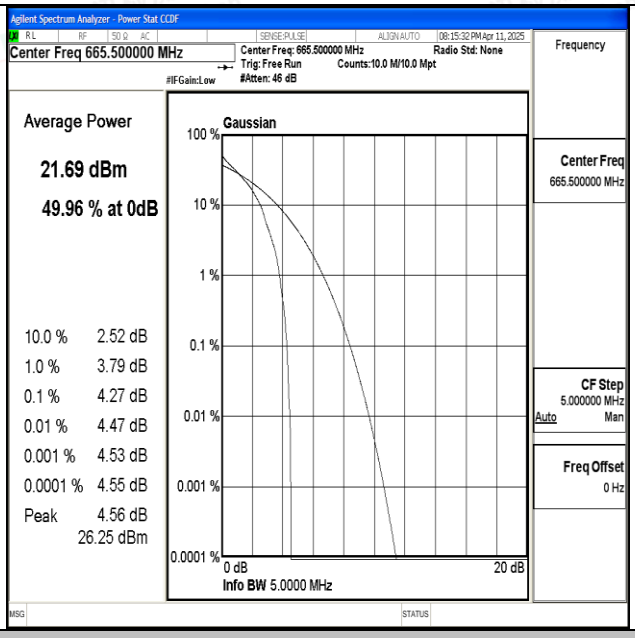
N.2 Peak-to-Average Ratio(CCDF)

Test Result

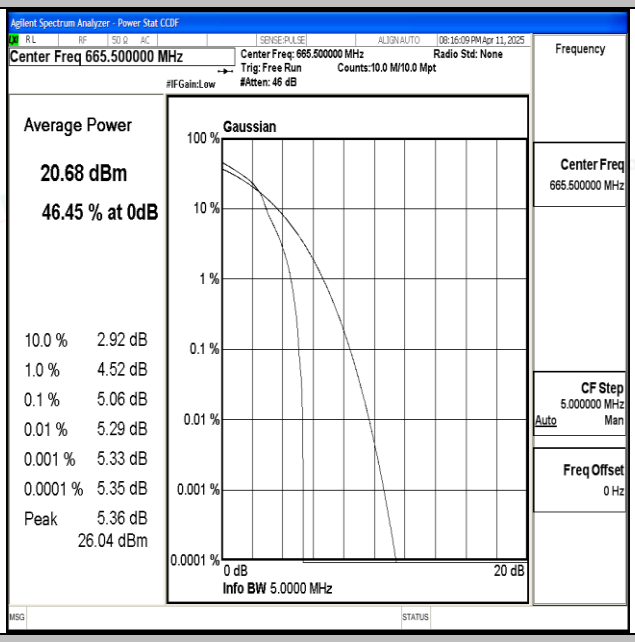
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	4.27	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.06	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.48	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.20	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.35	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.13	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.20	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	4.79	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.46	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.49	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.20	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.27	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.17	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.50	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.25	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.49	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.43	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.42	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.21	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.76	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.65	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.56	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.29	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.32	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.22	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.77	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.33	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.56	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.49	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.76	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.29	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	4.55	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.46	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.91	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.43	13	PASS

Band71	20MHz	QPSK	133222	1RB#0	4.34	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.09	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.44	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.27	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.47	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.21	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.40	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.22	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.33	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.38	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.59	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.33	13	PASS

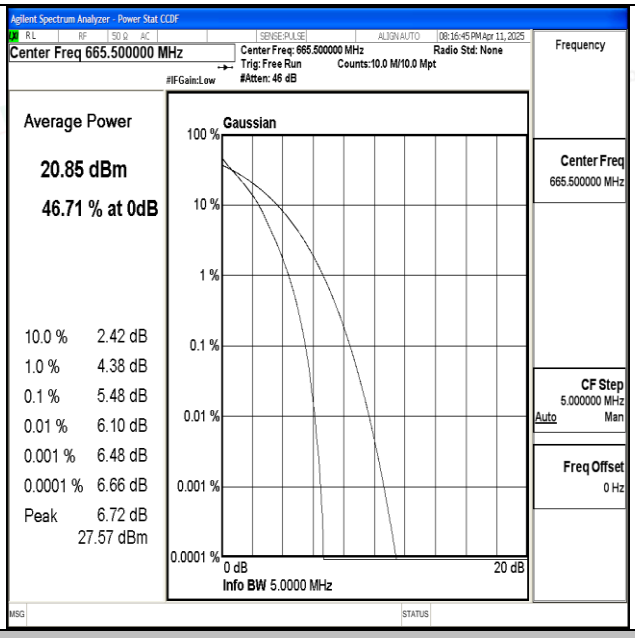
Test Graphs



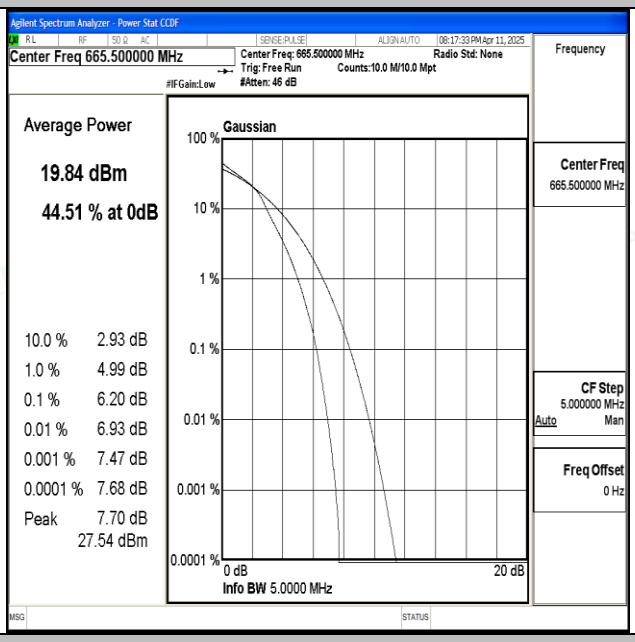
Band71-5MHz-QPSK-133147-1RB#0-PASS



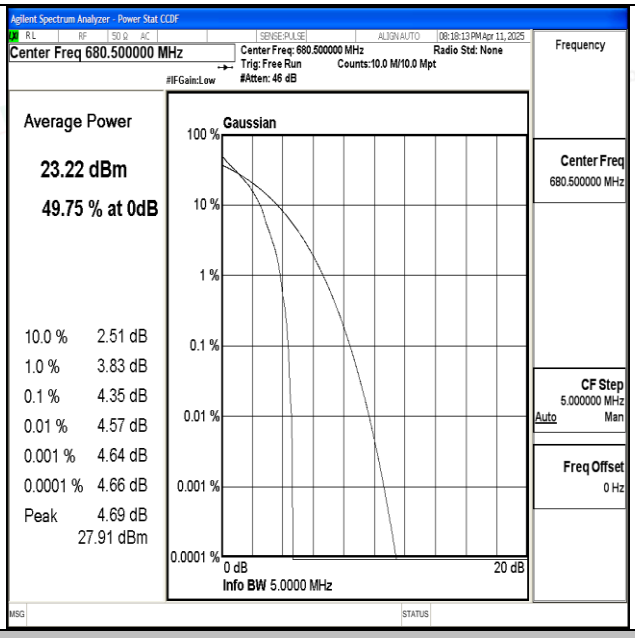
Band71-5MHz-16QAM-133147-1RB#0-PASS



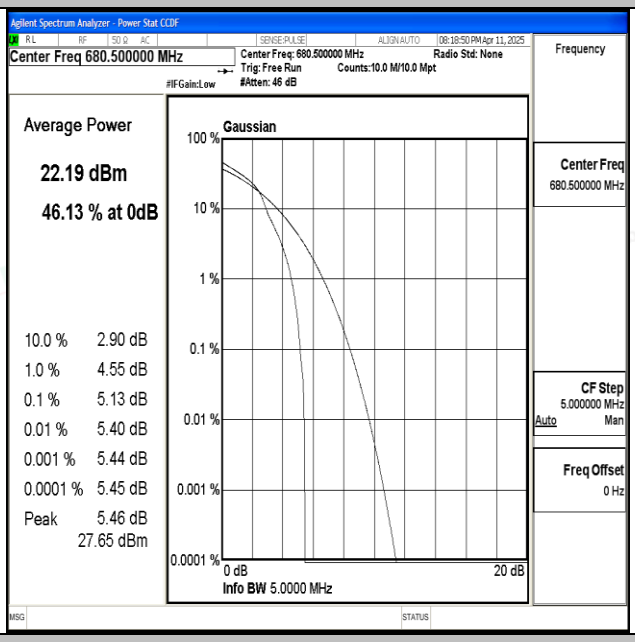
Band71-5MHz-QPSK-133147-25RB#0-PASS



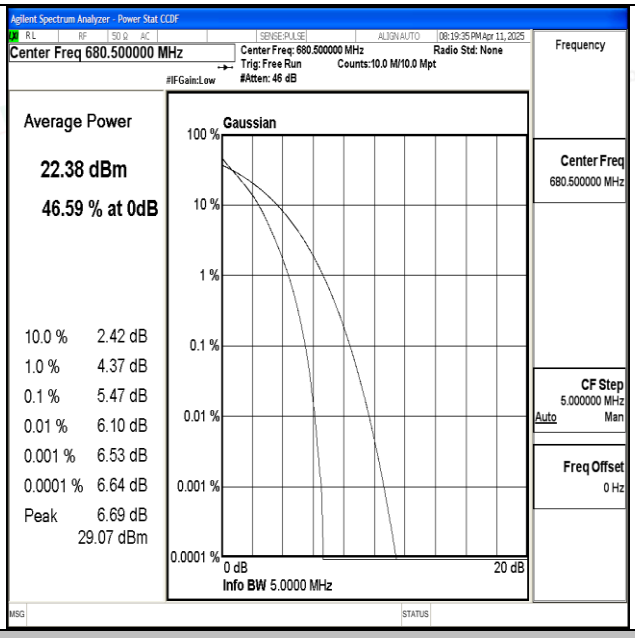
Band71-5MHz-16QAM-133147-25RB#0-PASS



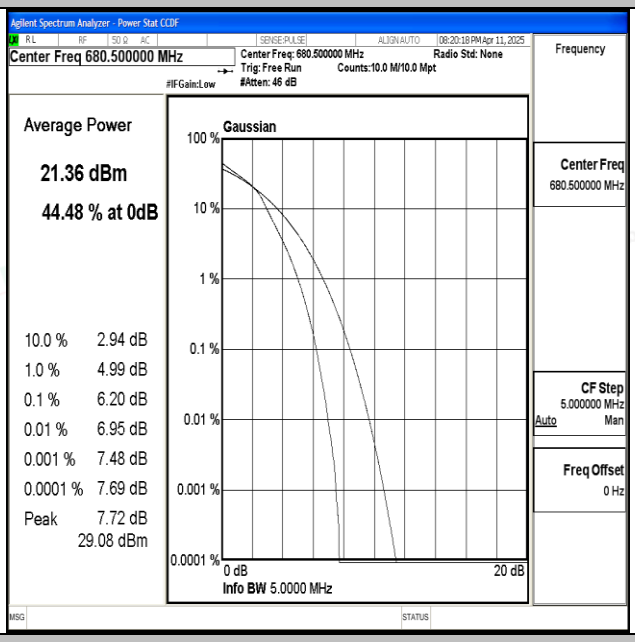
Band71-5MHz-QPSK-133297-1RB#0-PASS



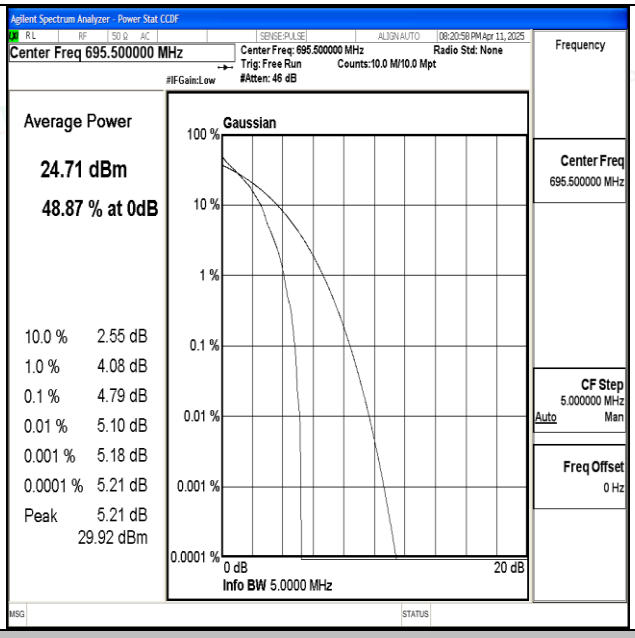
Band71-5MHz-16QAM-133297-1RB#0-PASS



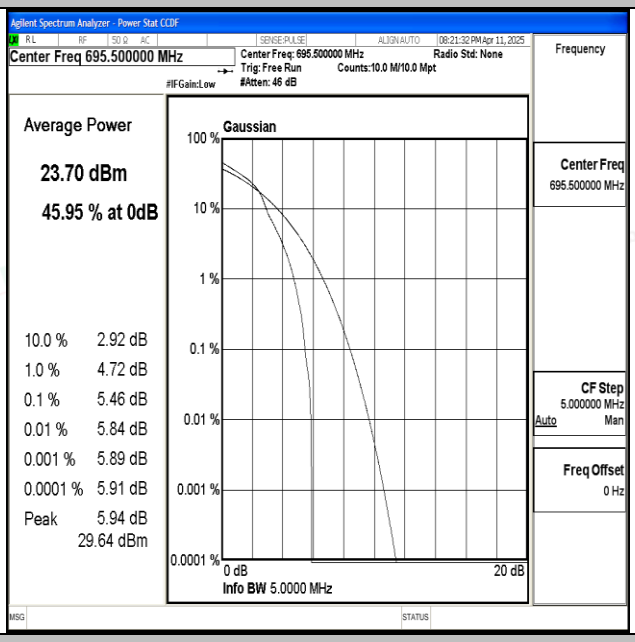
Band71-5MHz-QPSK-133297-25RB#0-PASS



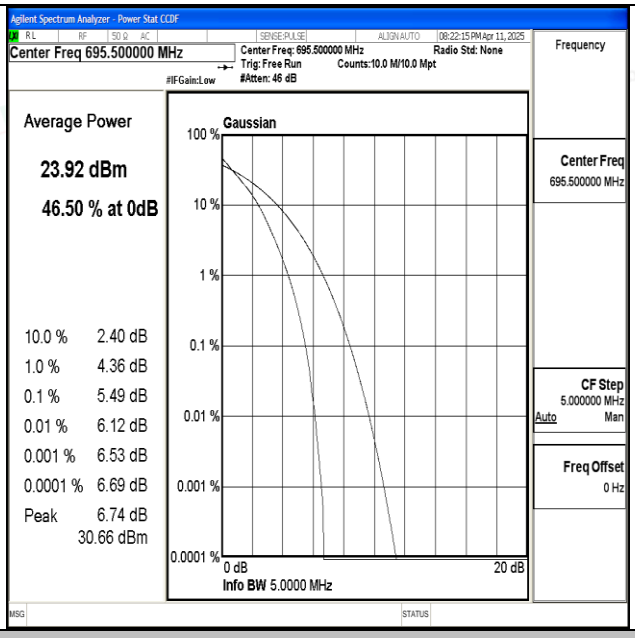
Band71-5MHz-16QAM-133297-25RB#0-PASS



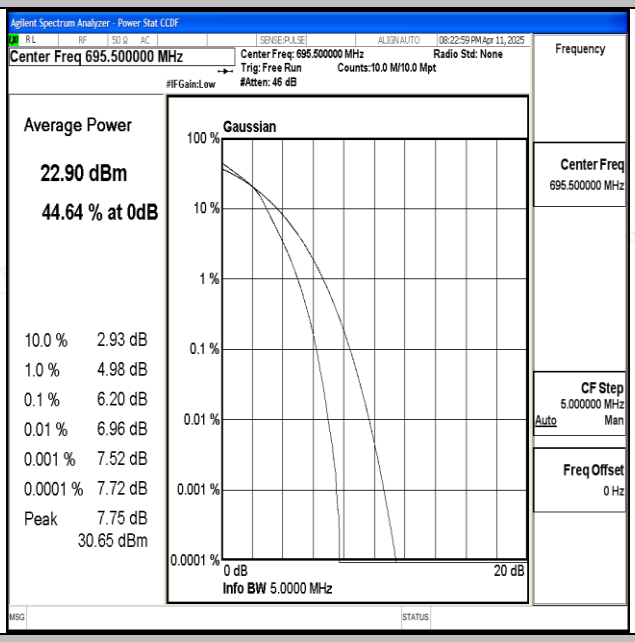
Band71-5MHz-QPSK-133447-1RB#0-PASS



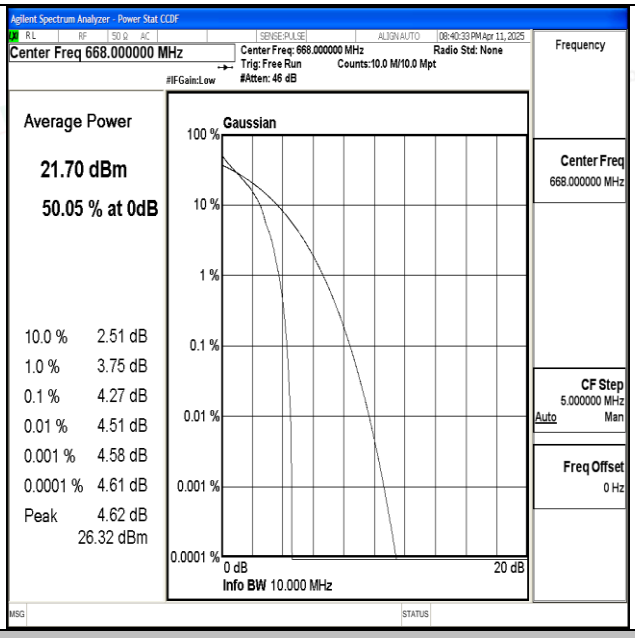
Band71-5MHz-16QAM-133447-1RB#0-PASS



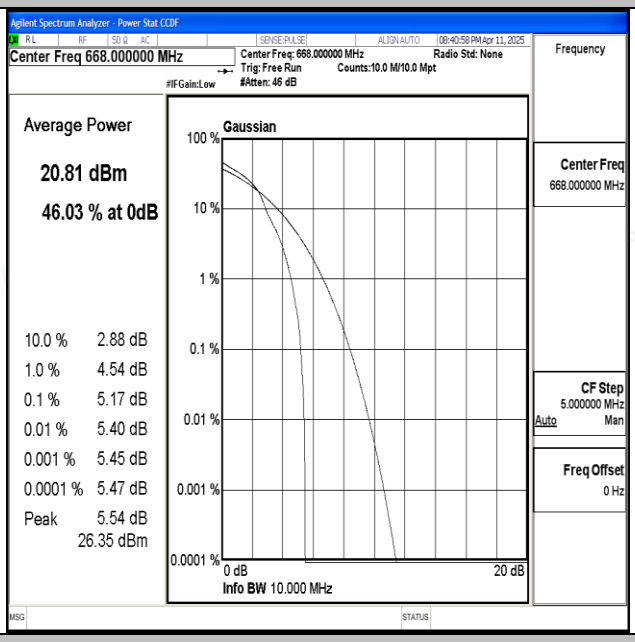
Band71-5MHz-QPSK-133447-25RB#0-PASS



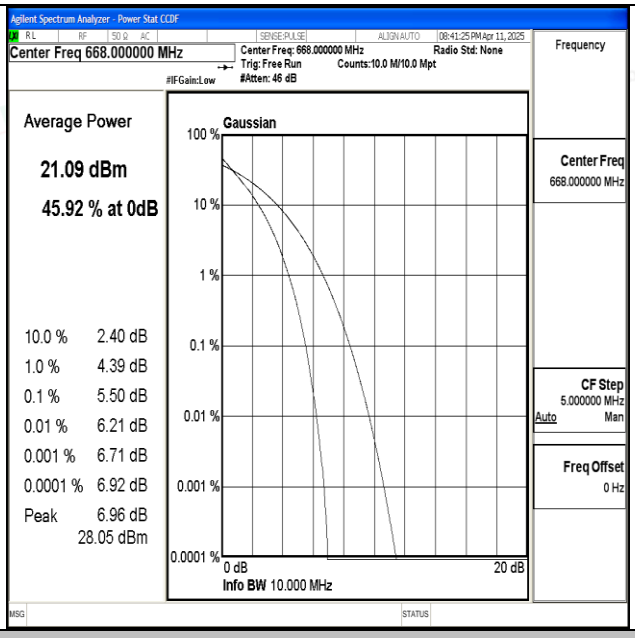
Band71-5MHz-16QAM-133447-25RB#0-PASS



Band71-10MHz-QPSK-133172-1RB#0-PASS



Band71-10MHz-16QAM-133172-1RB#0-PASS



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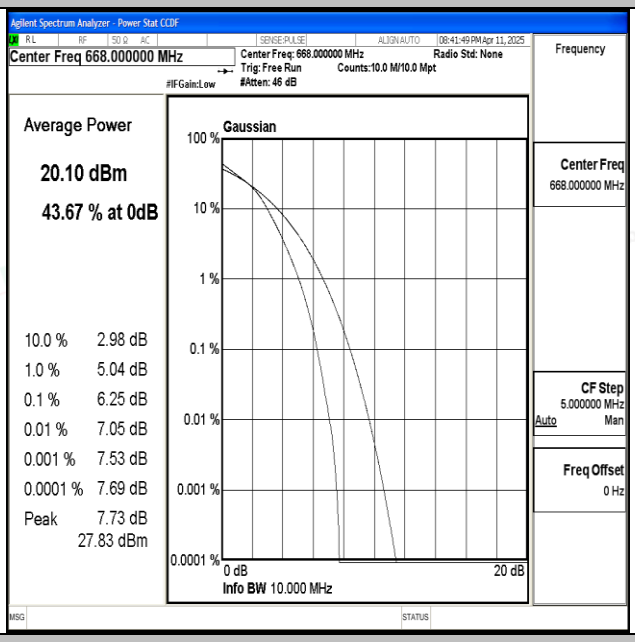

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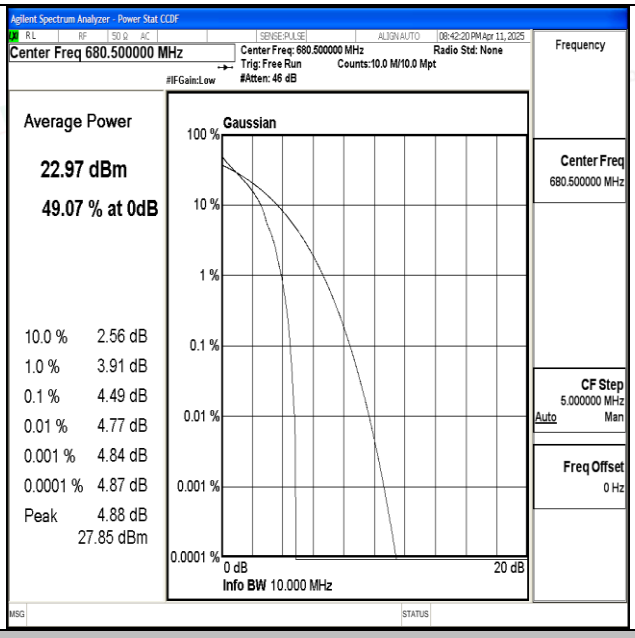
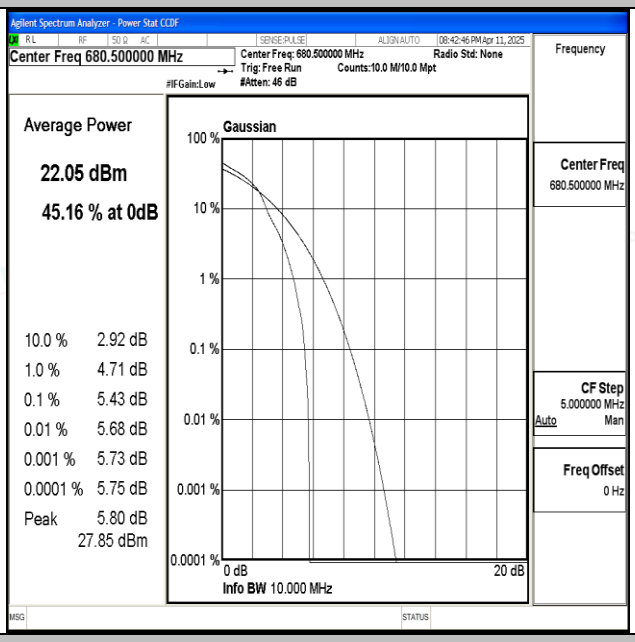


Band71-10MHz-QPSK-133297-1RB#0-PASS



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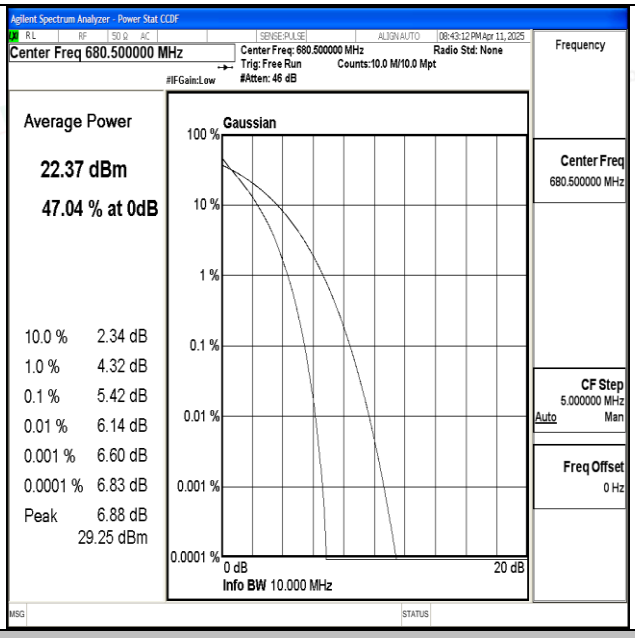
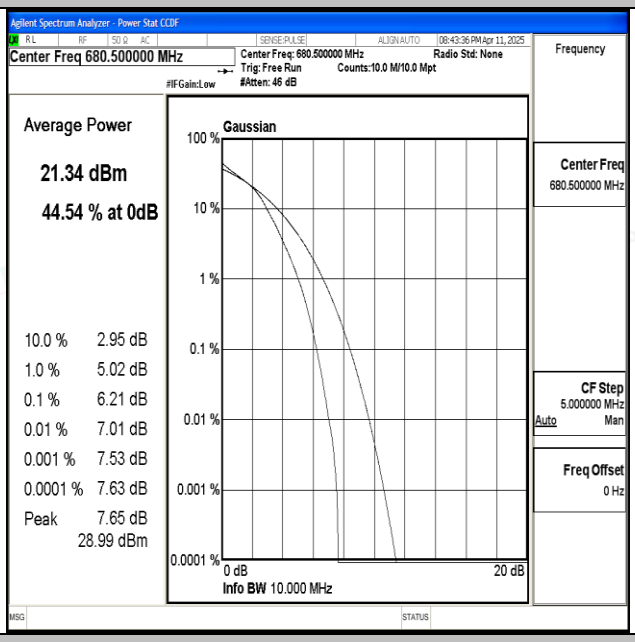
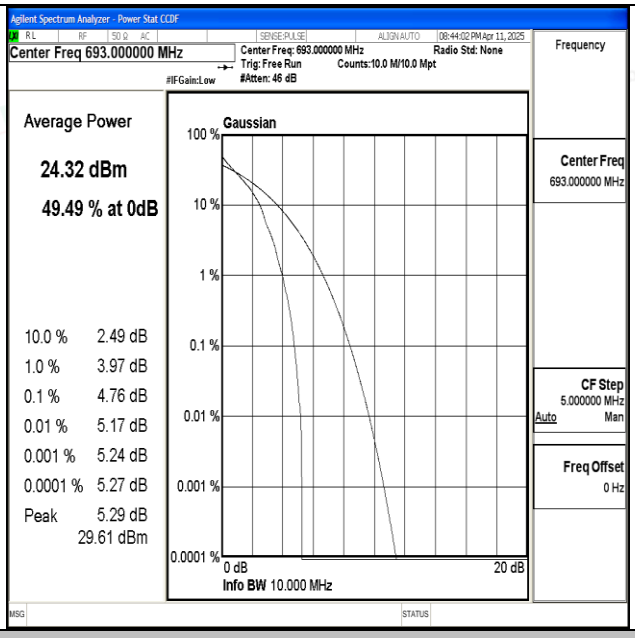


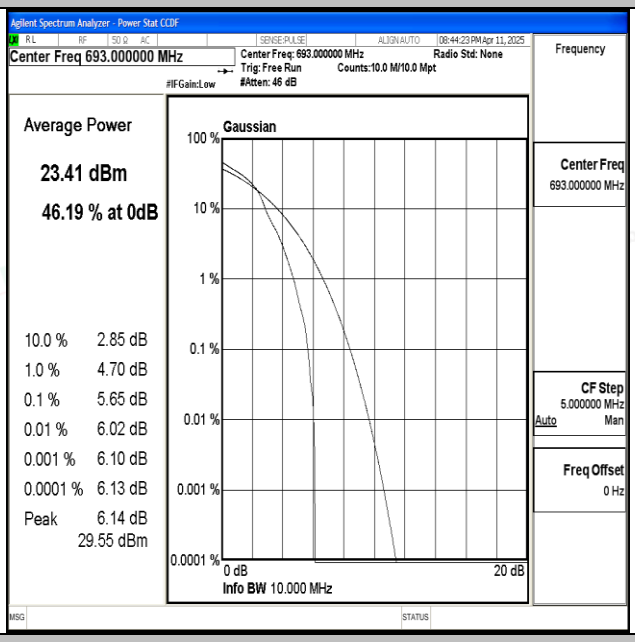
Band71-10MHz-QPSK-133297-50RB#0-PASS



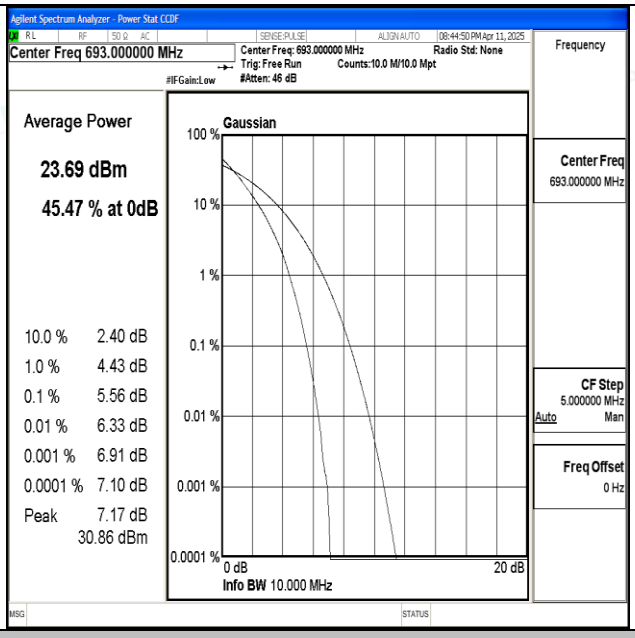
Band71-10MHz-16QAM-133297-50RB#0-PASS



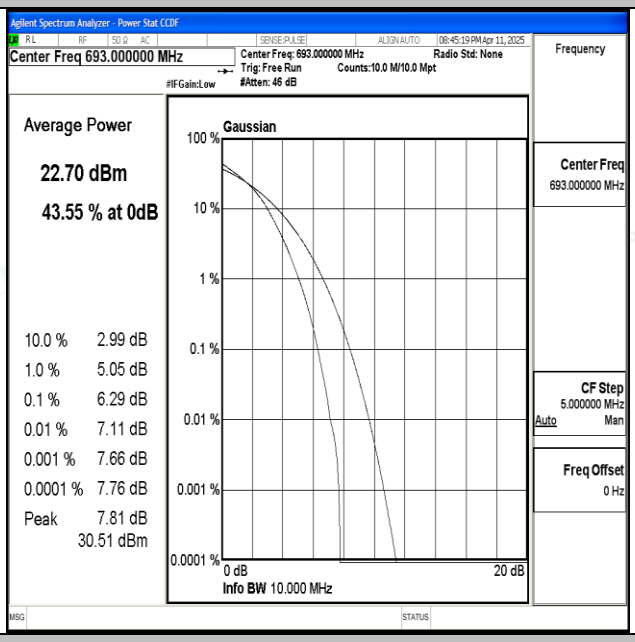
Band71-10MHz-QPSK-133422-1RB#0-PASS



Band71-10MHz-16QAM-133422-1RB#0-PASS



Band71-10MHz-QPSK-133422-50RB#0-PASS



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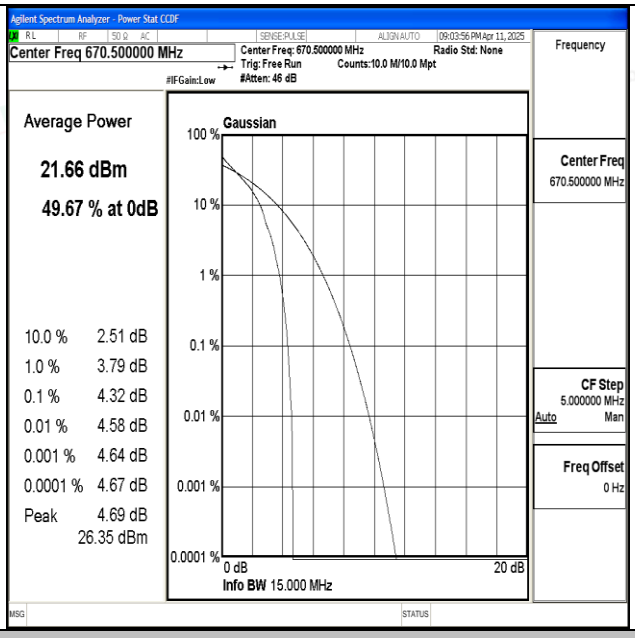

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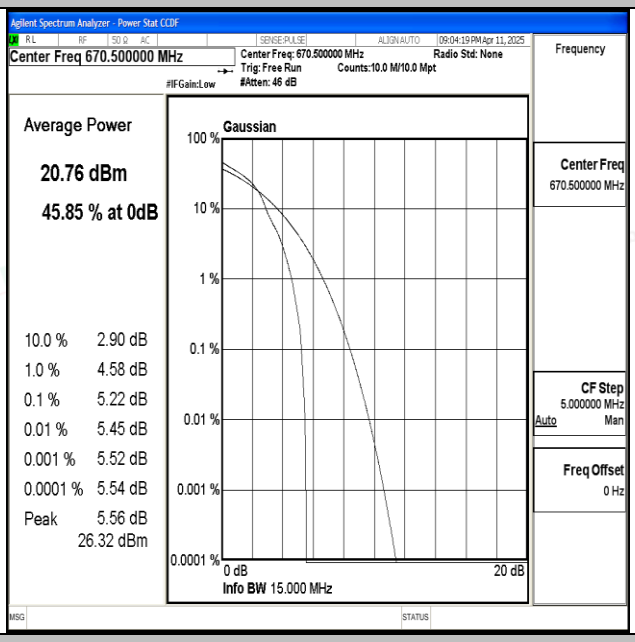

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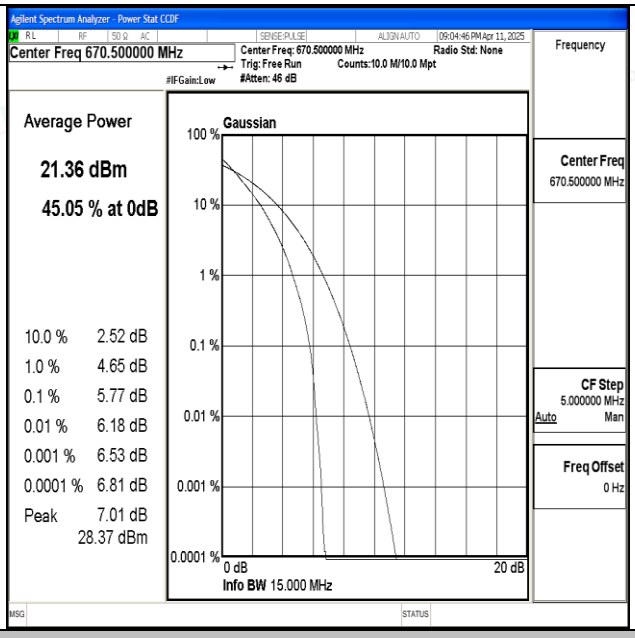
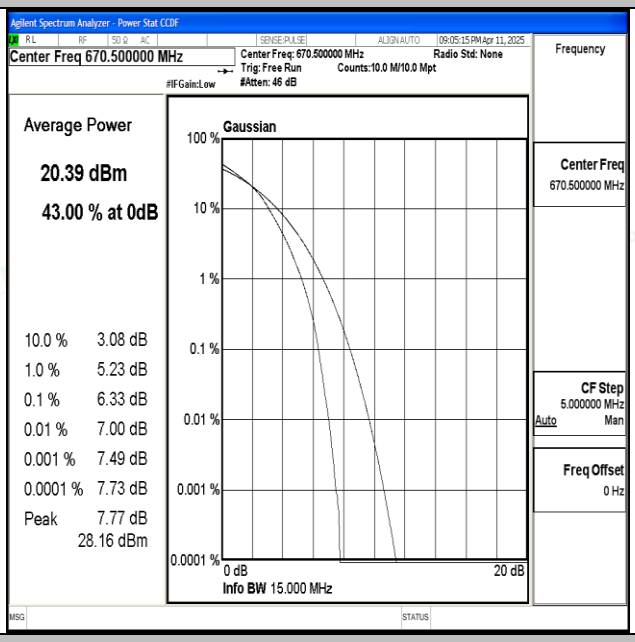
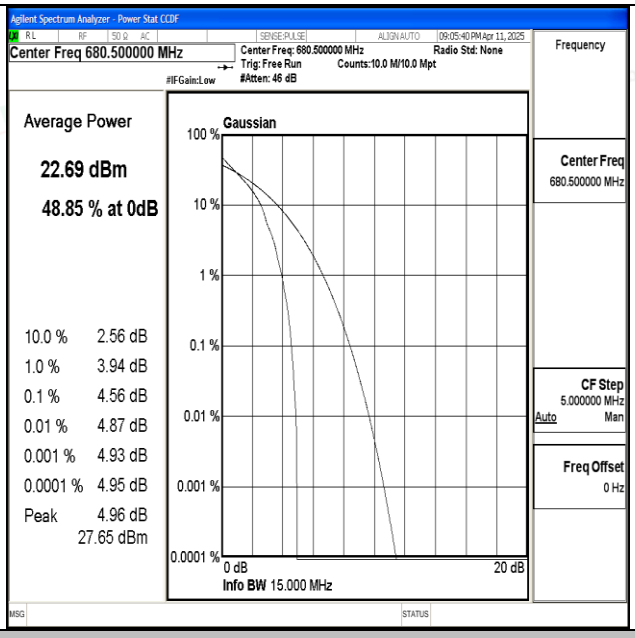


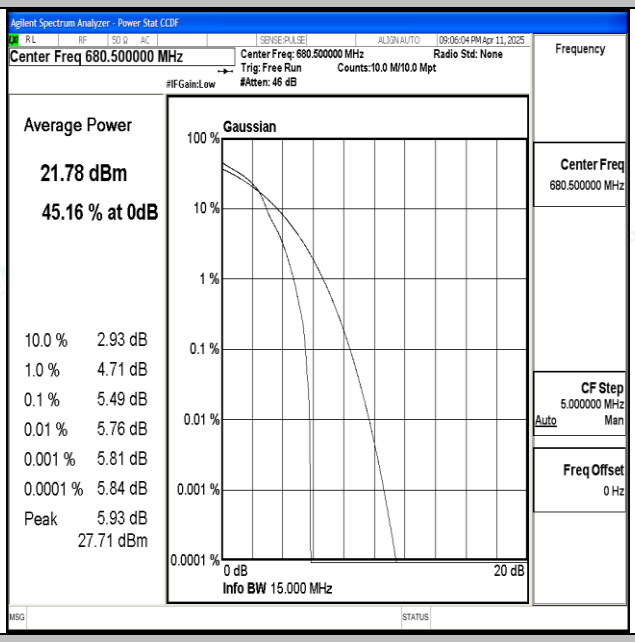
Band71-15MHz-QPSK-133197-75RB#0-PASS



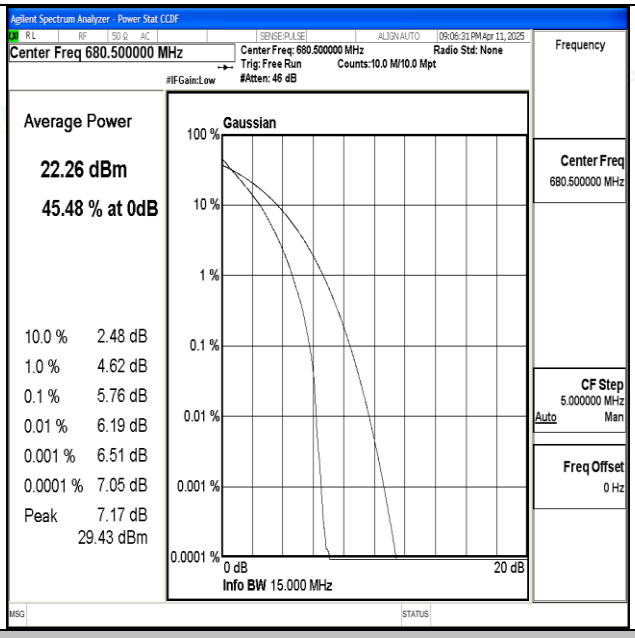
Band71-15MHz-16QAM-133197-75RB#0-PASS



Band71-15MHz-QPSK-133297-1RB#0-PASS



Band71-15MHz-16QAM-133297-1RB#0-PASS



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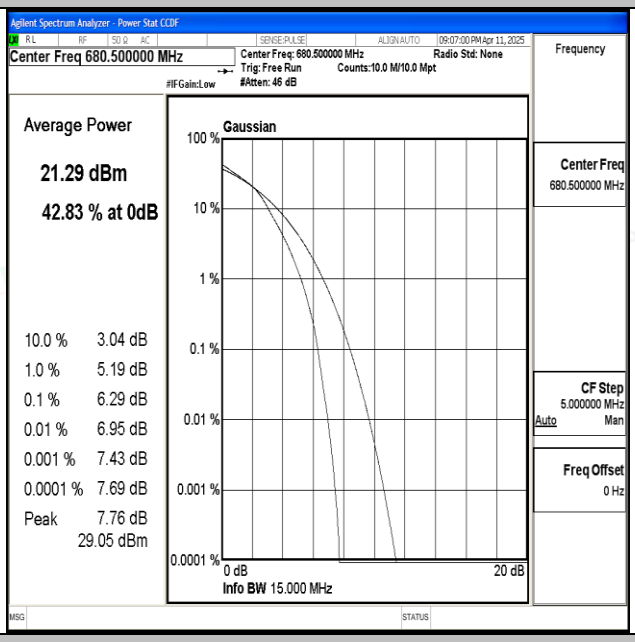

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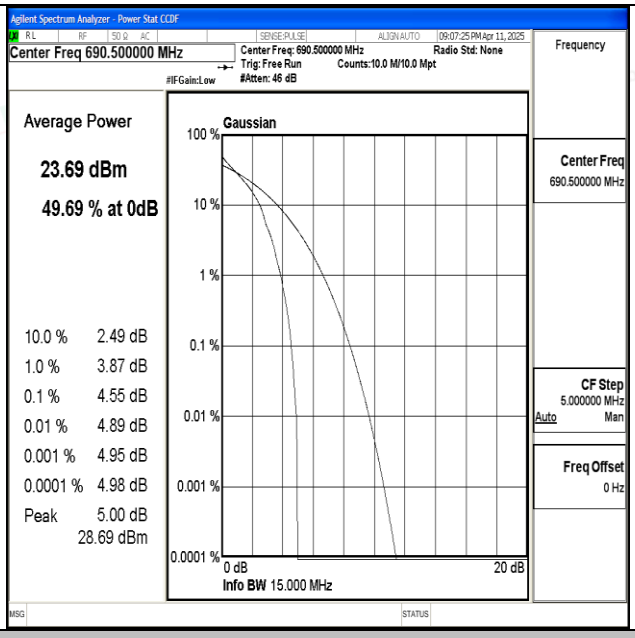

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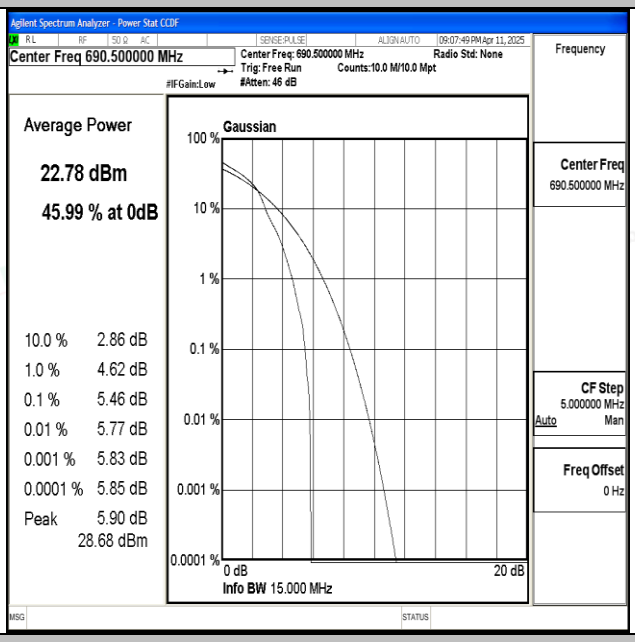

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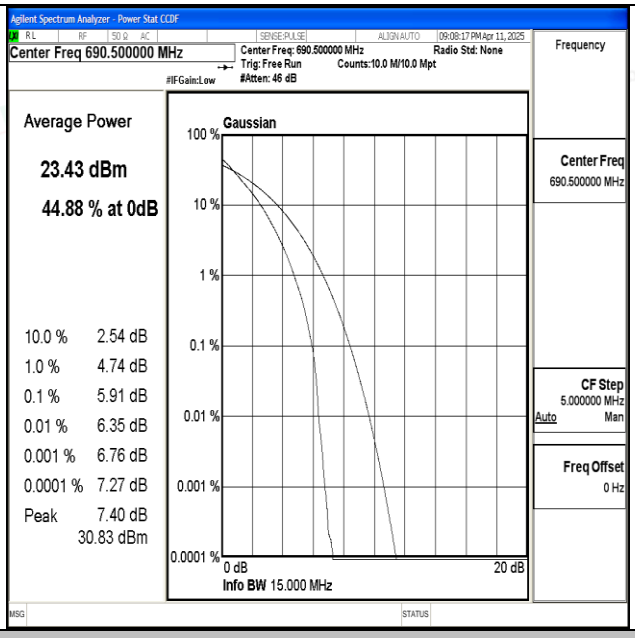
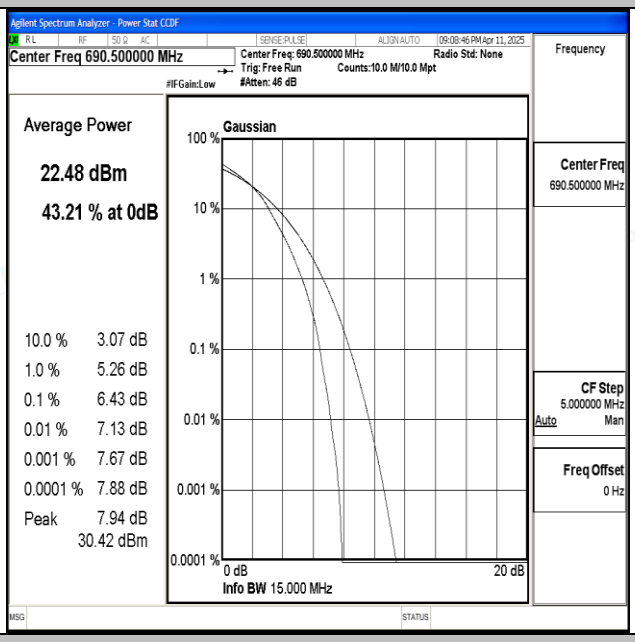


Band71-15MHz-QPSK-133397-75RB#0-PASS



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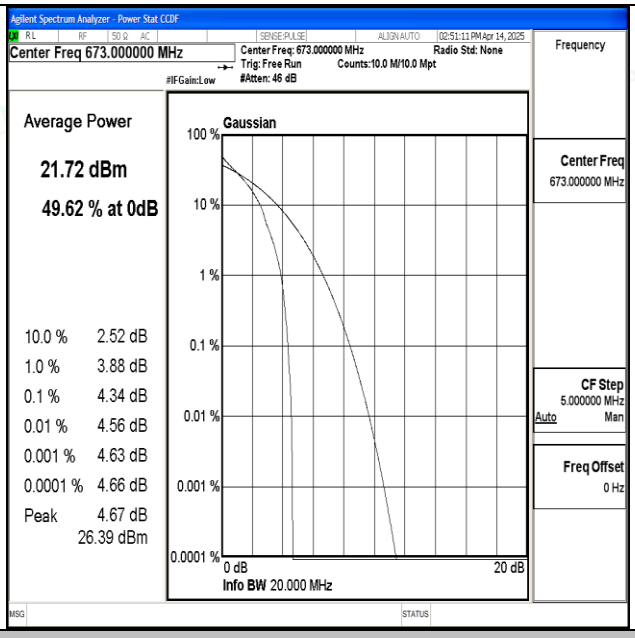
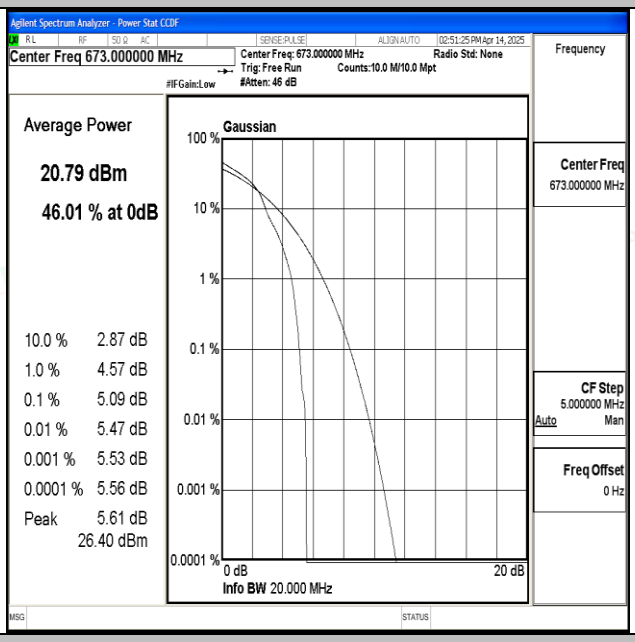
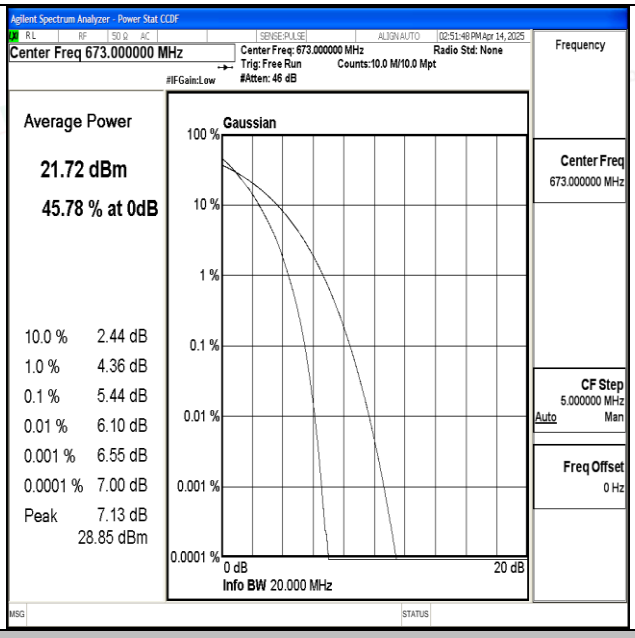


Band71-20MHz-QPSK-133222-1RB#0-PASS



Band71-20MHz-16QAM-133222-1RB#0-PASS



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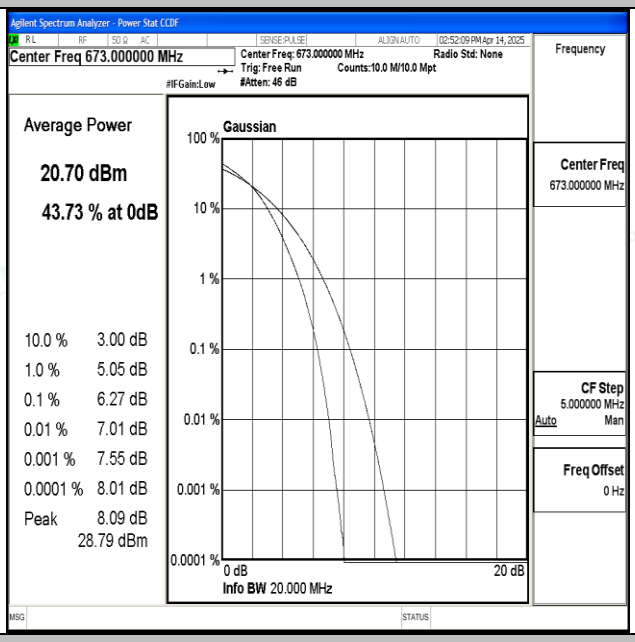

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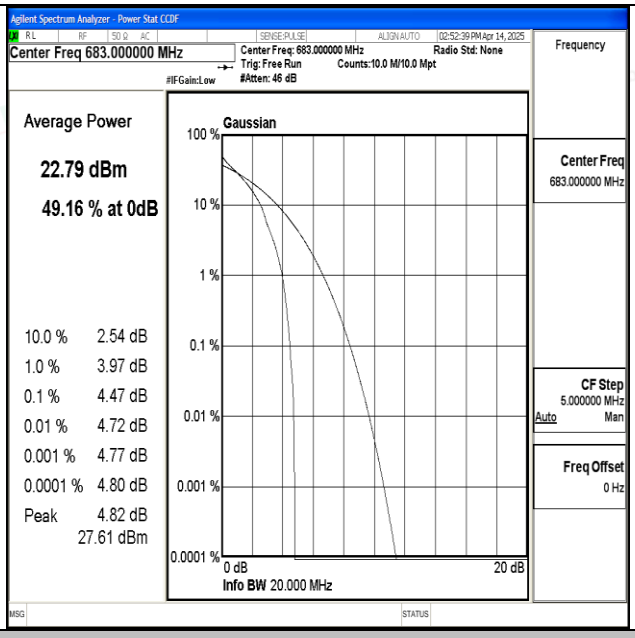
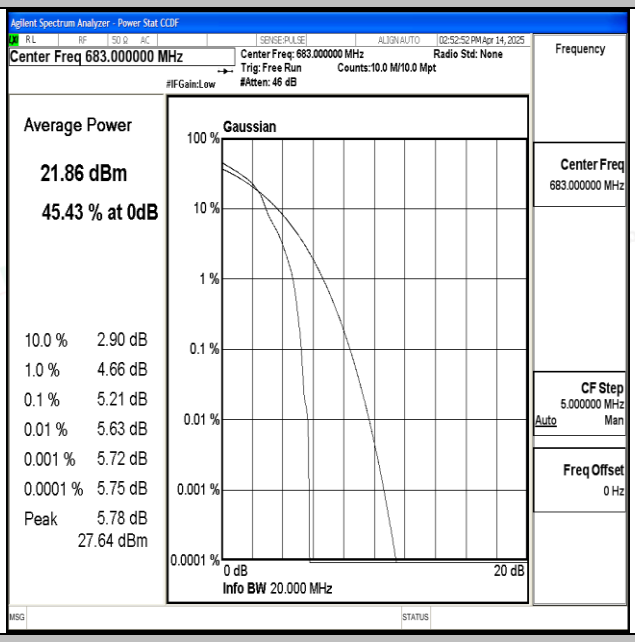


Band71-20MHz-QPSK-133322-1RB#0-PASS



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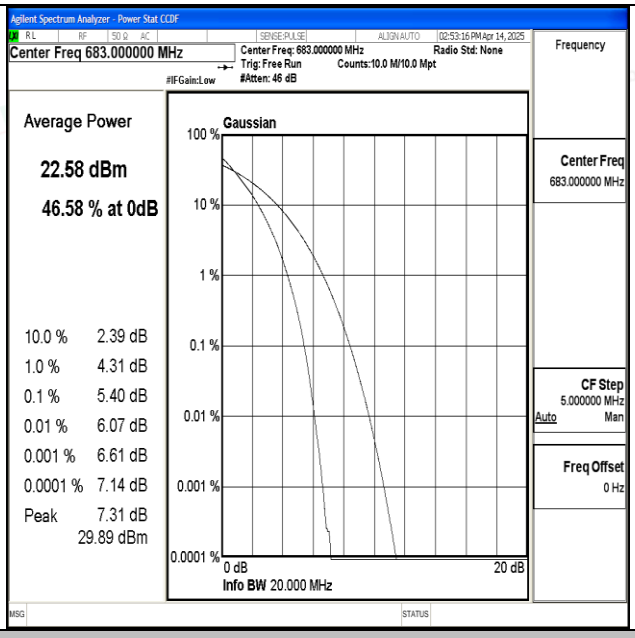

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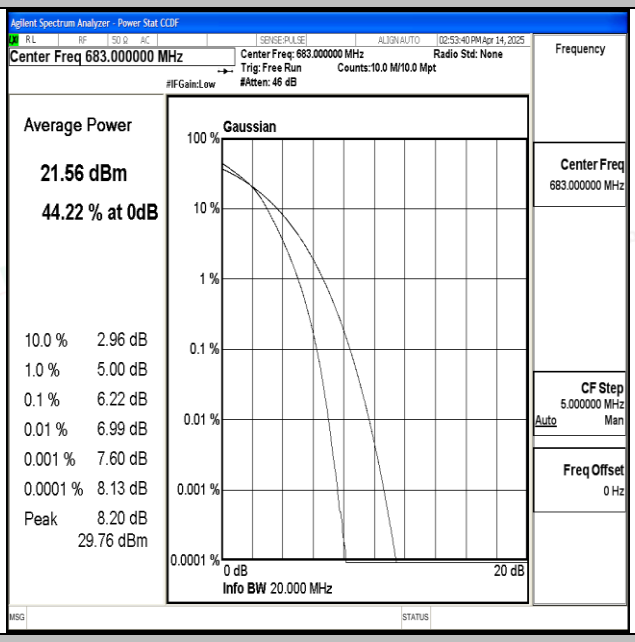

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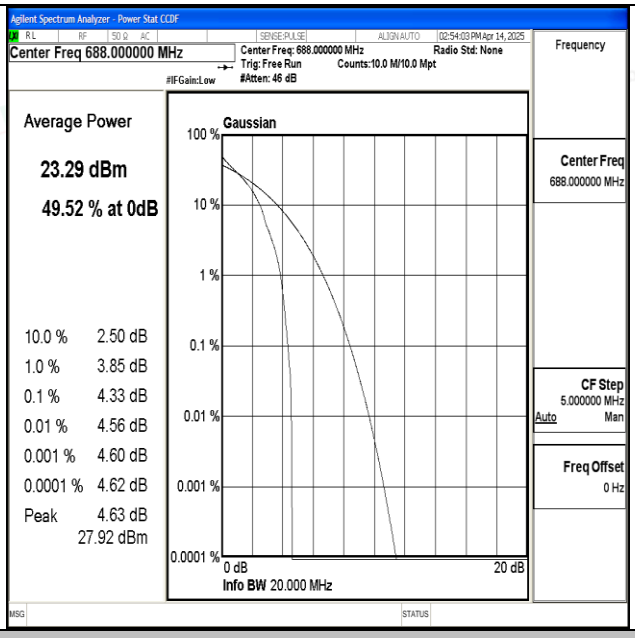
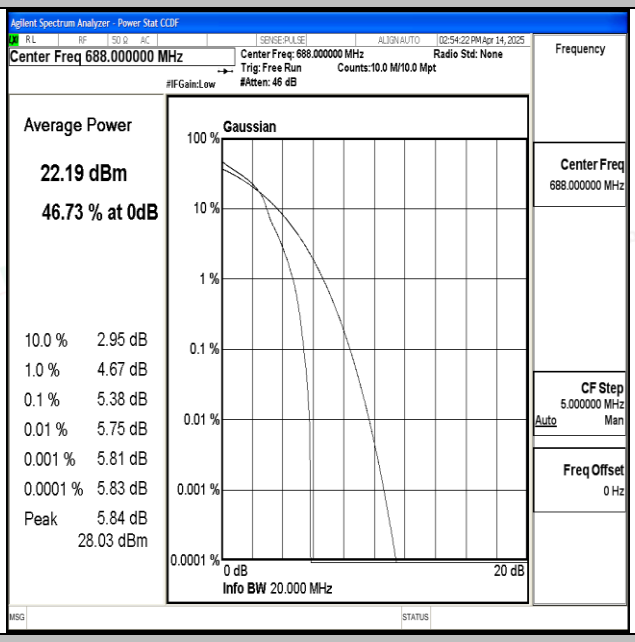


Band71-20MHz-QPSK-133372-1RB#0-PASS



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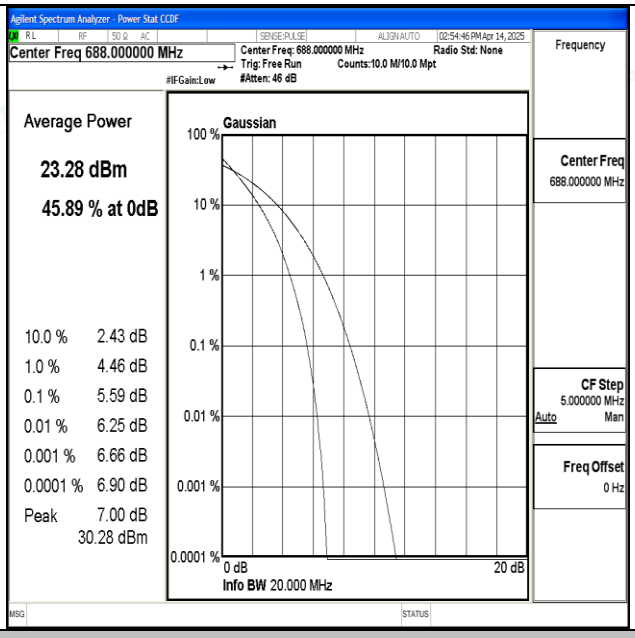

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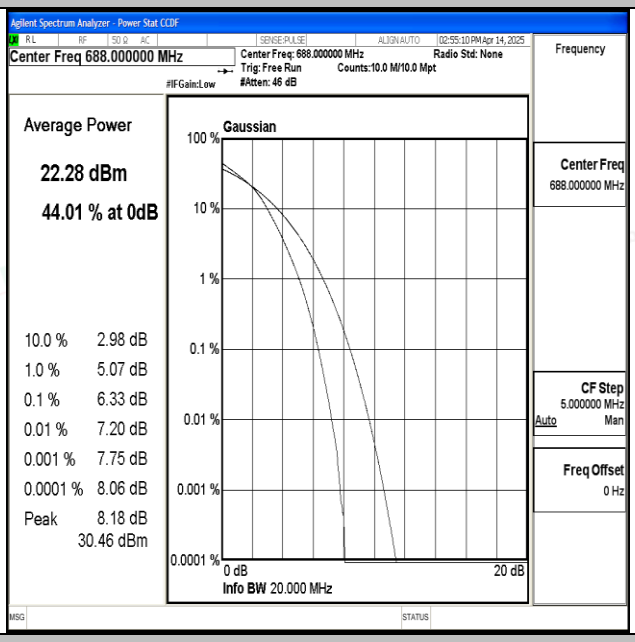


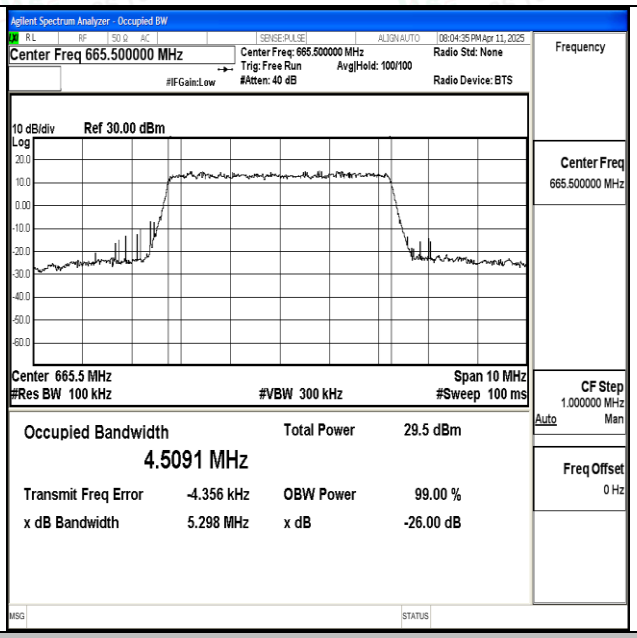
Band71-20MHz-16QAM-133372-100RB#0-PASS

N.3 26dB Bandwidth and Occupied Bandwidth

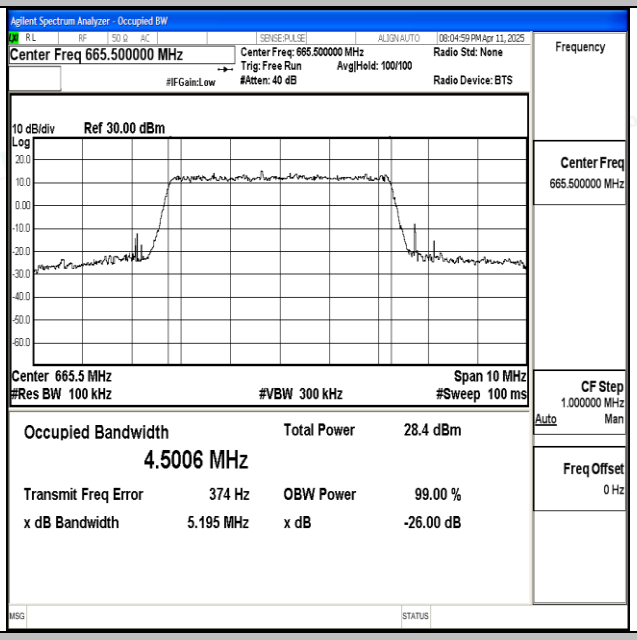
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5091	5.298	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5006	5.195	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5042	4.957	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5027	4.937	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.4926	5.523	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4968	4.909	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9882	9.851	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9869	11.16	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9692	9.791	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9638	9.723	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9761	9.808	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9645	9.806	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.479	14.68	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.474	14.68	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.462	14.62	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.450	14.64	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.535	14.83	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.509	14.71	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.944	19.33	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.929	19.39	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.954	19.43	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.938	19.40	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.028	19.50	PASS
Band71	20MHz	16QAM	133372	100RB#0	18.012	19.37	PASS

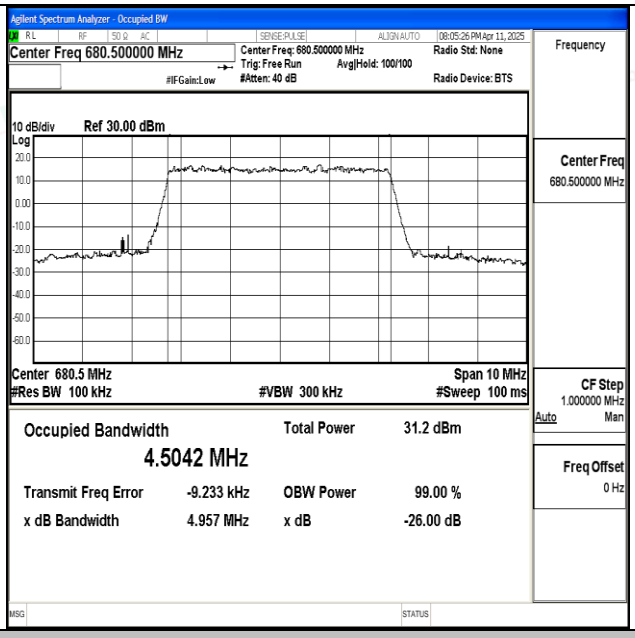
Test Graphs



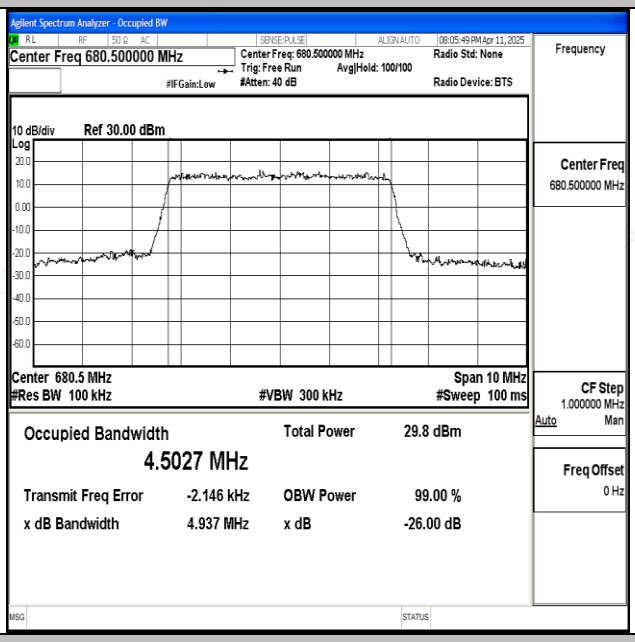
Band71-5MHz-QPSK-133147-25RB#0-PASS



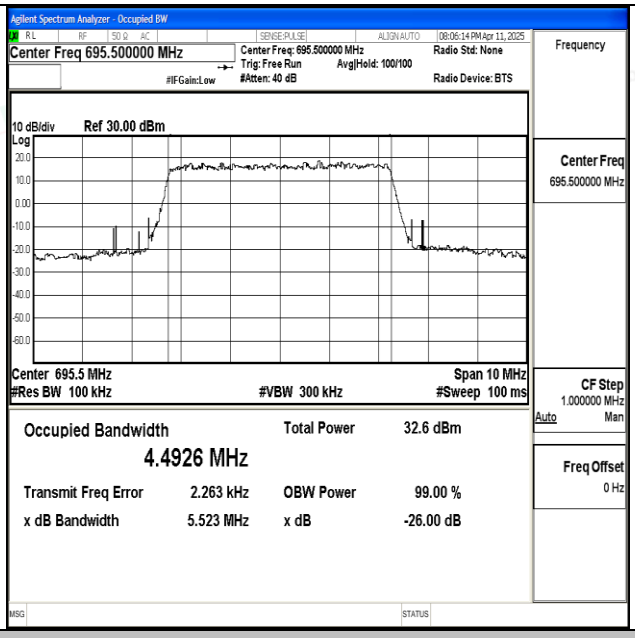
Band71-5MHz-16QAM-133147-25RB#0-PASS



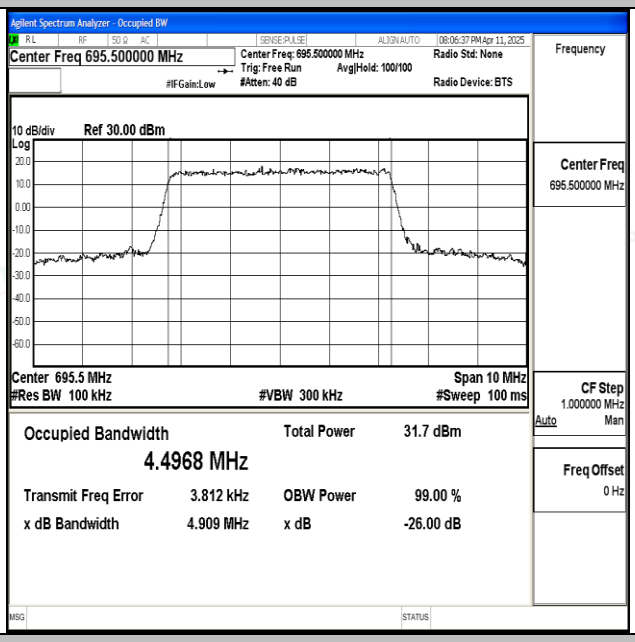
Band71-5MHz-QPSK-133297-25RB#0-PASS



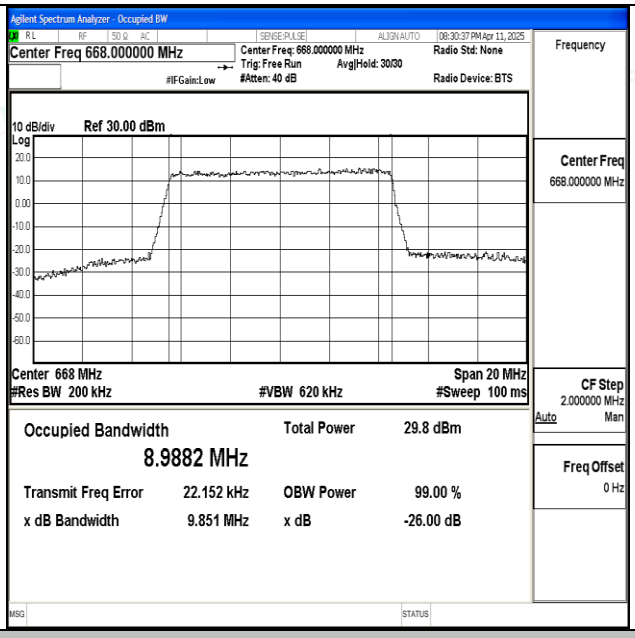
Band71-5MHz-16QAM-133297-25RB#0-PASS



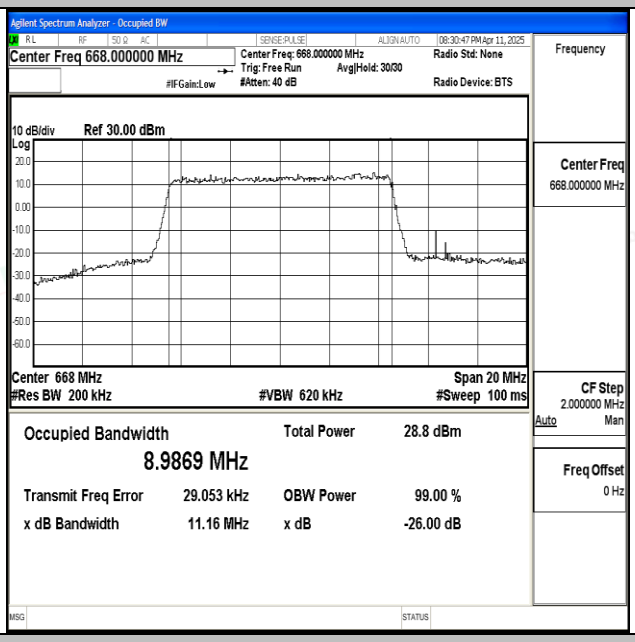
Band71-5MHz-QPSK-133447-25RB#0-PASS



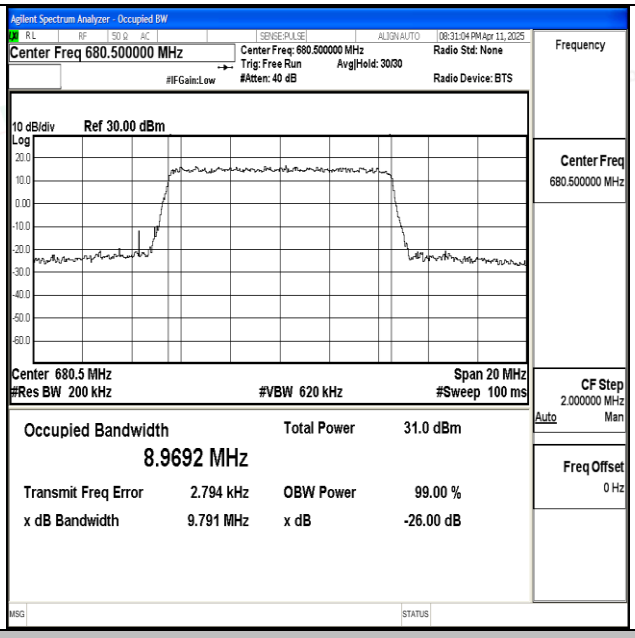
Band71-5MHz-16QAM-133447-25RB#0-PASS



Band71-10MHz-QPSK-133172-50RB#0-PASS



Band71-10MHz-16QAM-133172-50RB#0-PASS



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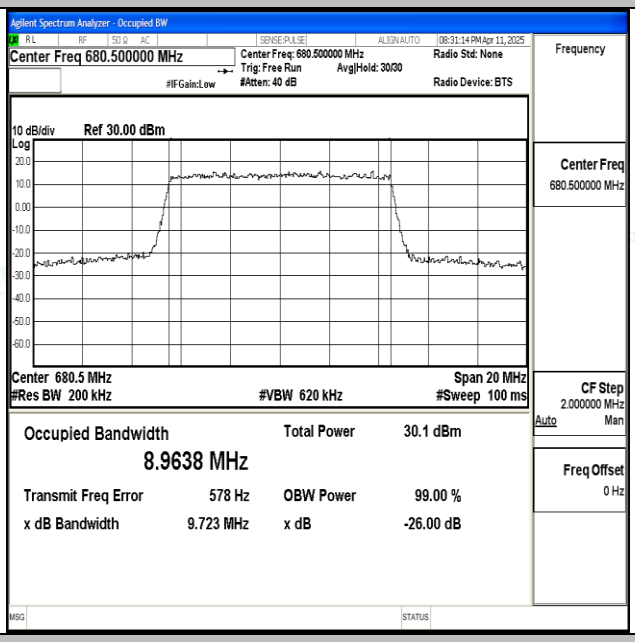
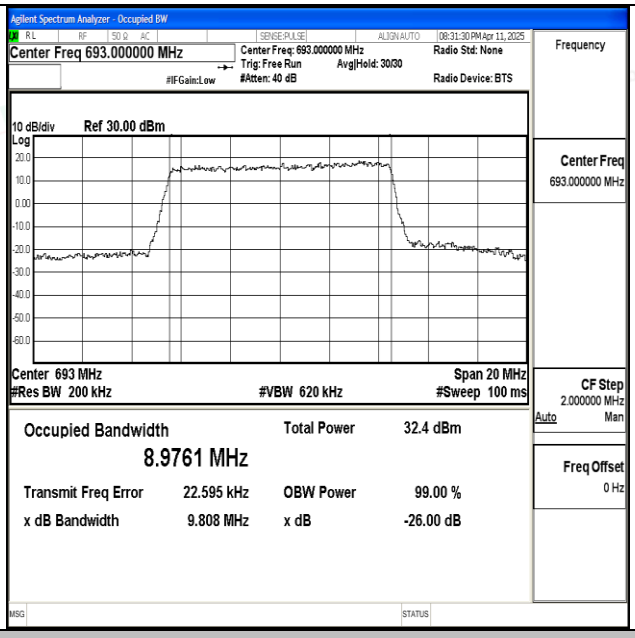
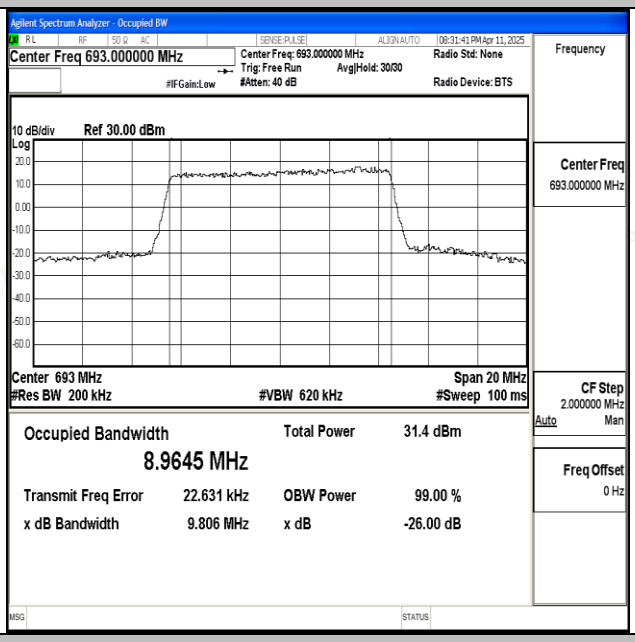


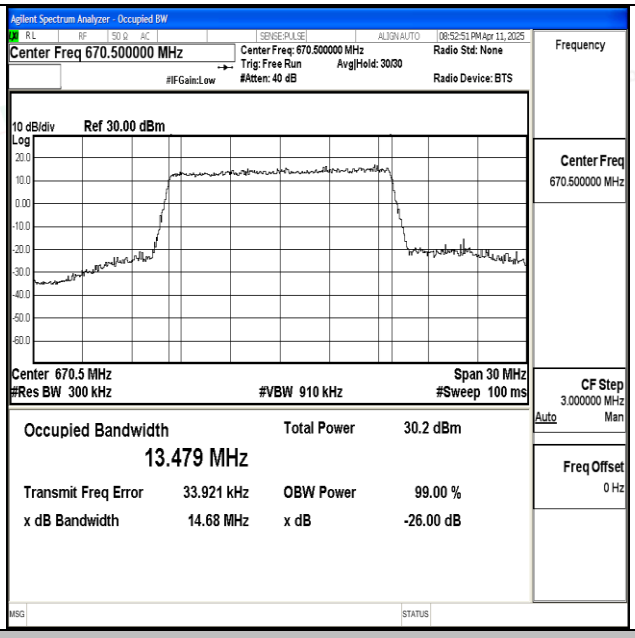
Band71-10MHz-16QAM-133297-50RB#0-PASS



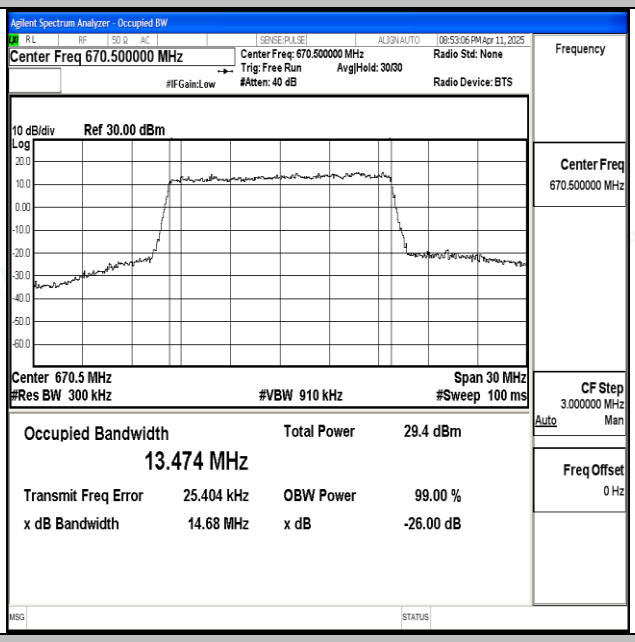
Band71-10MHz-QPSK-133422-50RB#0-PASS



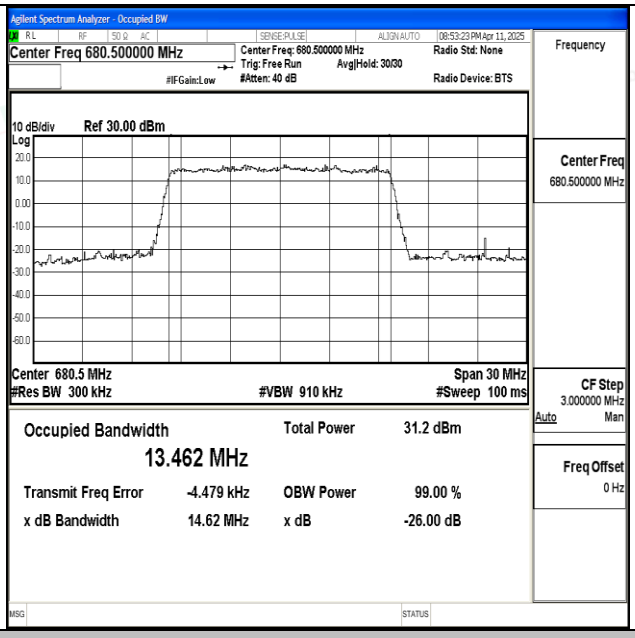
Band71-10MHz-16QAM-133422-50RB#0-PASS



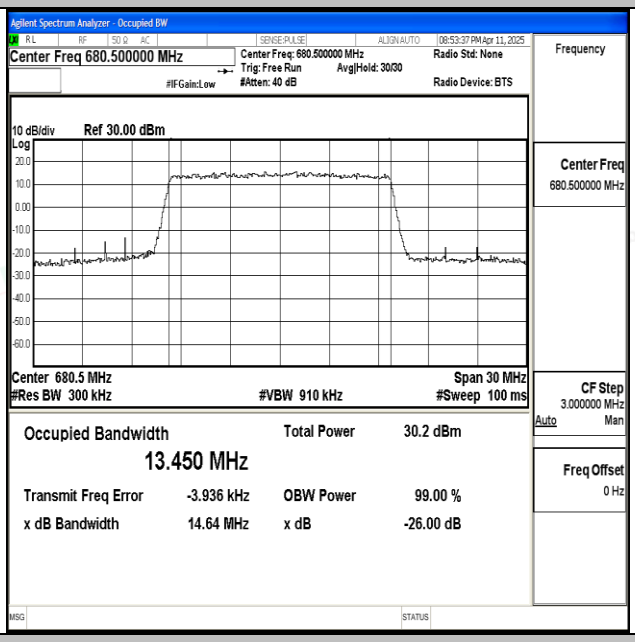
Band71-15MHz-QPSK-133197-75RB#0-PASS



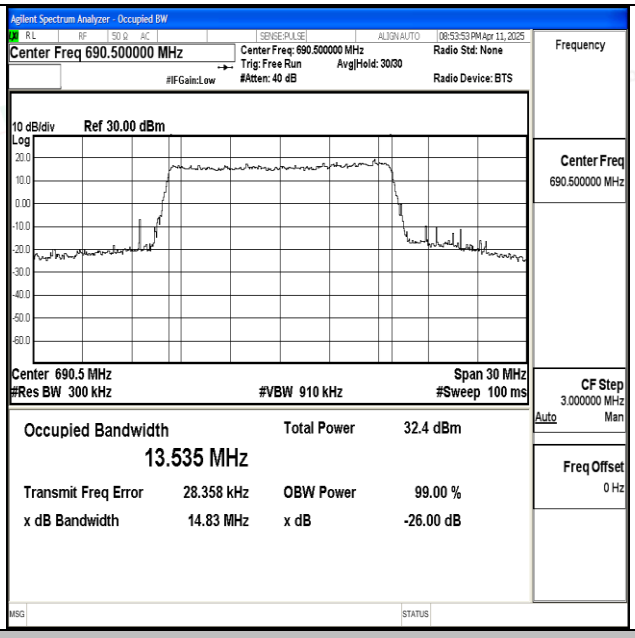
Band71-15MHz-16QAM-133197-75RB#0-PASS



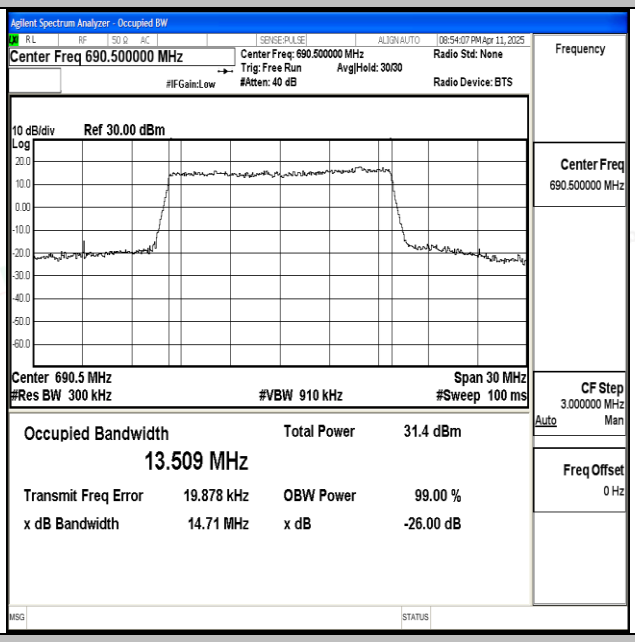
Band71-15MHz-QPSK-133297-75RB#0-PASS



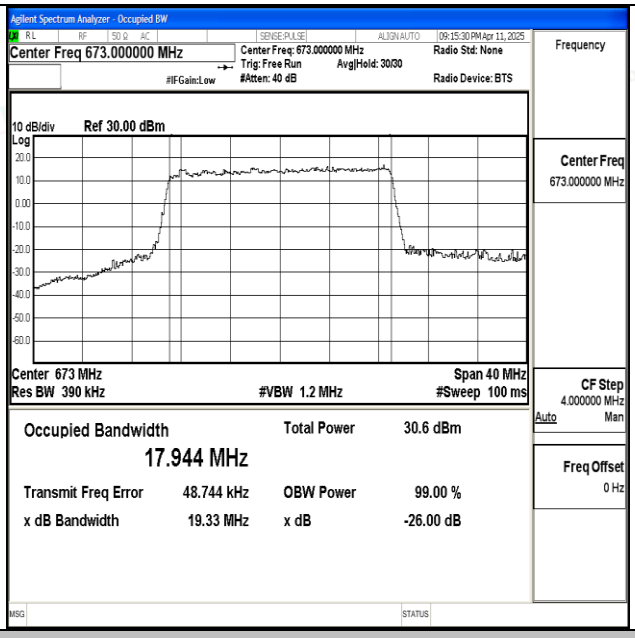
Band71-15MHz-16QAM-133297-75RB#0-PASS



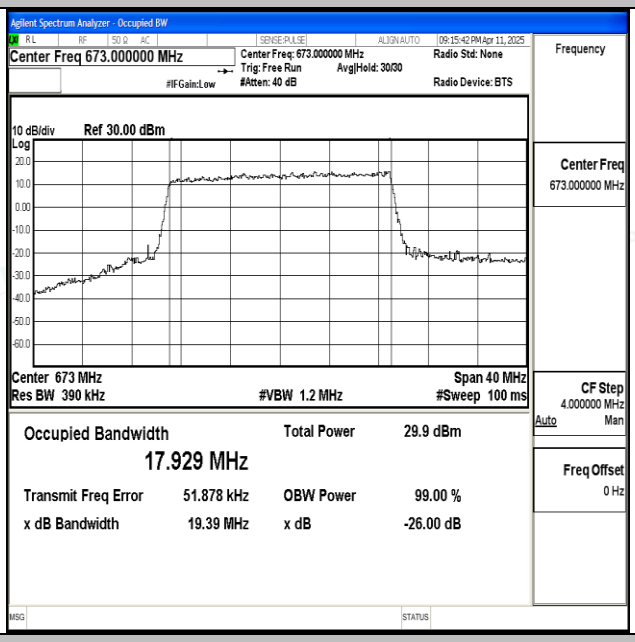
Band71-15MHz-QPSK-133397-75RB#0-PASS



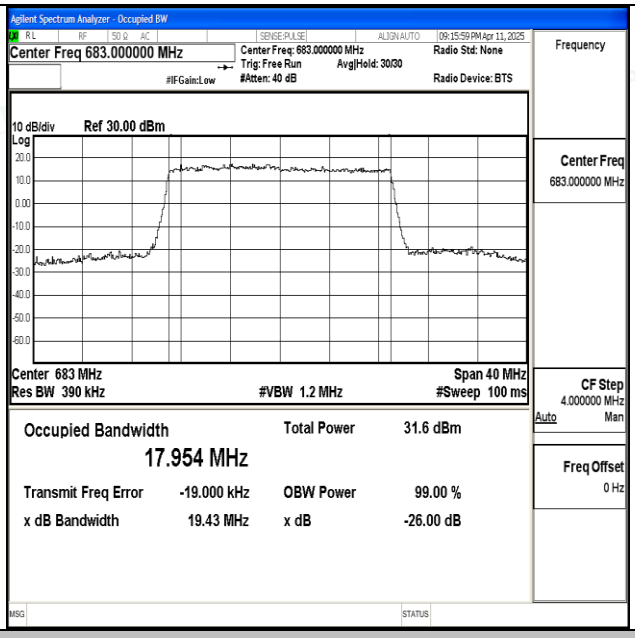
Band71-15MHz-16QAM-133397-75RB#0-PASS



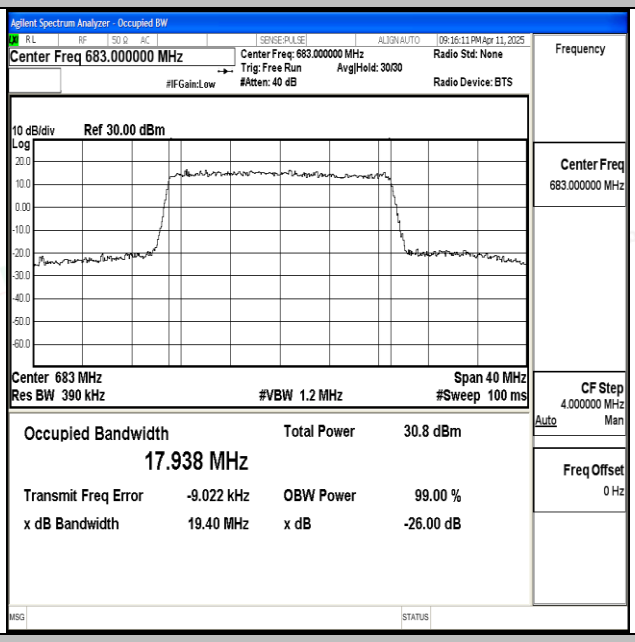
Band71-20MHz-QPSK-133222-100RB#0-PASS



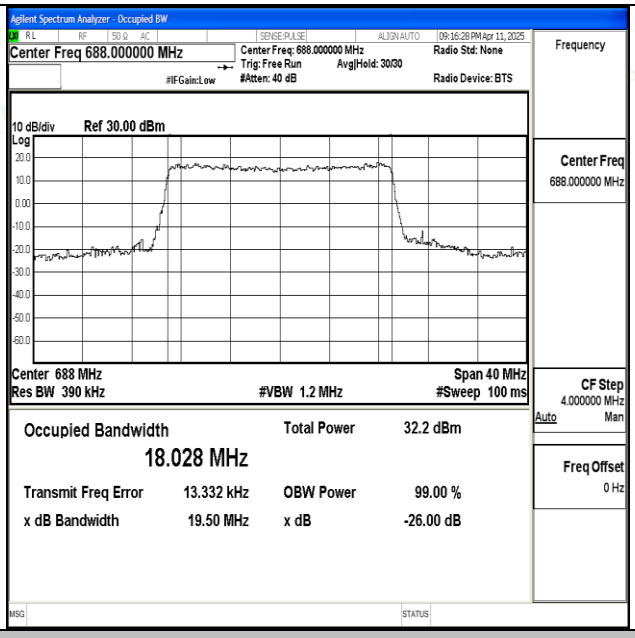
Band71-20MHz-16QAM-133222-100RB#0-PASS



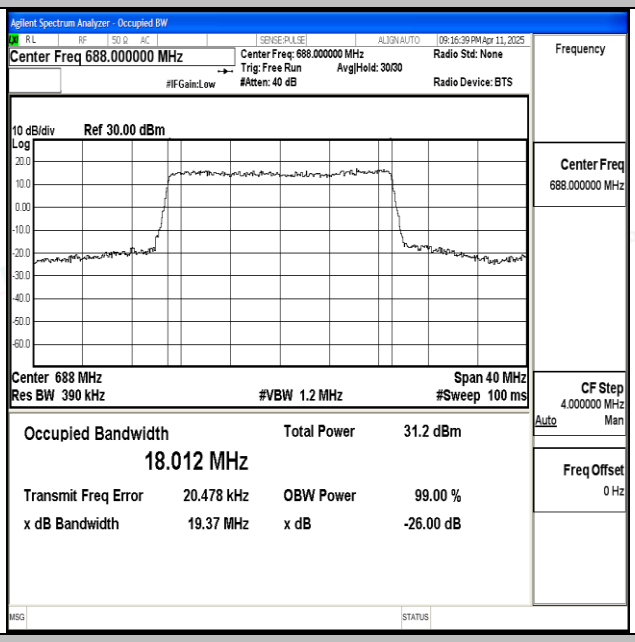
Band71-20MHz-QPSK-133322-100RB#0-PASS



Band71-20MHz-16QAM-133322-100RB#0-PASS



Band71-20MHz-QPSK-133372-100RB#0-PASS



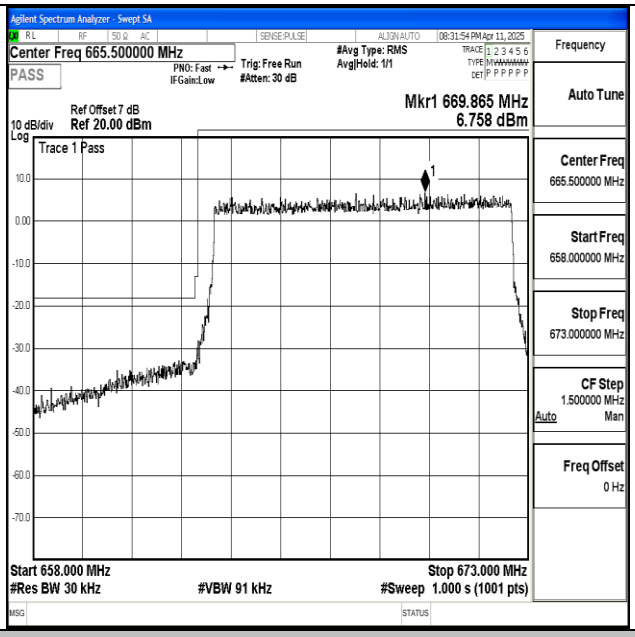
Band71-20MHz-16QAM-133372-100RB#0-PASS

N.4 Band Edge

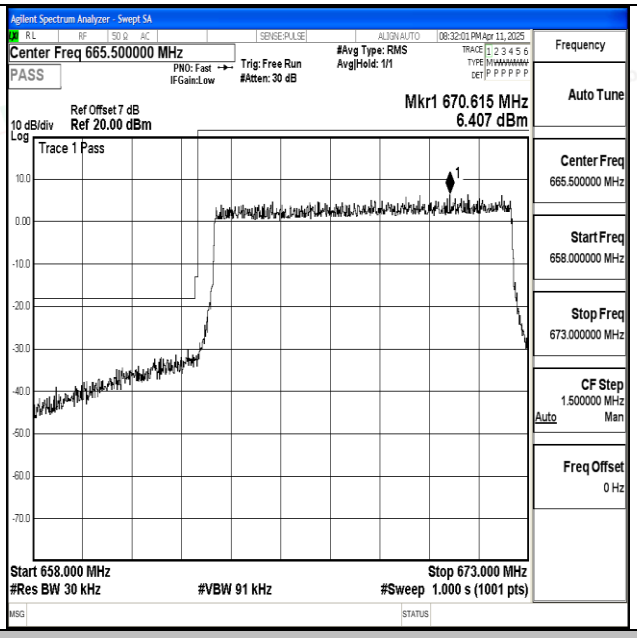
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band71	10MHz	QPSK	133172	50RB#0	662.43	-32.89	PASS
Band71	10MHz	16QAM	133172	50RB#0	662.70	-30.31	PASS
Band71	10MHz	QPSK	133422	50RB#0	699.15	-25.49	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.22	-25.72	PASS
Band71	5MHz	QPSK	133147	25RB#0	662.68	-37.10	PASS
Band71	5MHz	16QAM	133147	25RB#0	662.56	-36.92	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.23	-32.41	PASS
Band71	15MHz	QPSK	133197	75RB#0	661.42	-31.96	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.46	-31.55	PASS
Band71	15MHz	QPSK	133397	75RB#0	698.98	-22.64	PASS
Band71	15MHz	16QAM	133397	75RB#0	699.08	-25.28	PASS
Band71	20MHz	QPSK	133222	100RB#0	662.85	-32.67	PASS
Band71	20MHz	16QAM	133222	100RB#0	662.60	-31.99	PASS
Band71	20MHz	QPSK	133372	100RB#0	698.25	-27.88	PASS
Band71	20MHz	16QAM	133372	100RB#0	698.13	-27.17	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.42	-33.25	PASS

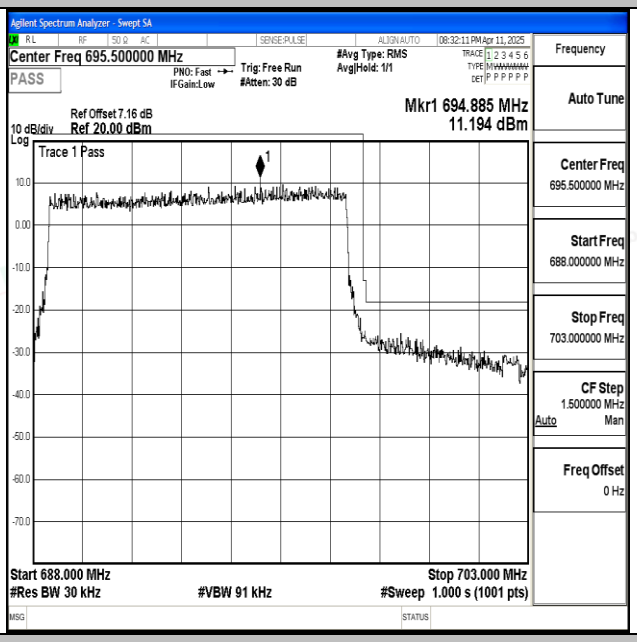
Test Graphs



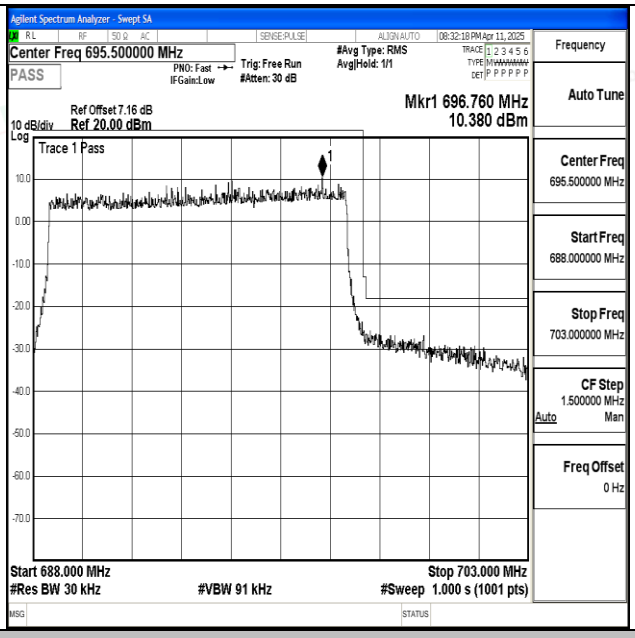
Band71_10MHz_QPSK_133172_50RB#0



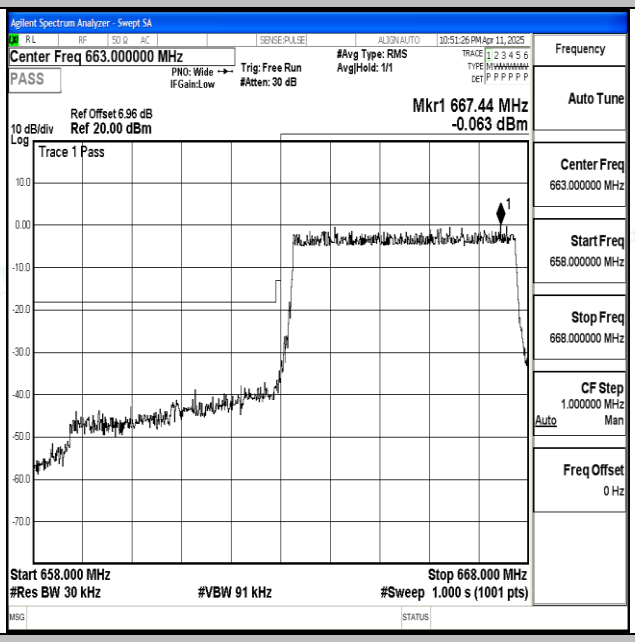
Band71_10MHz_16QAM_133172_50RB#0



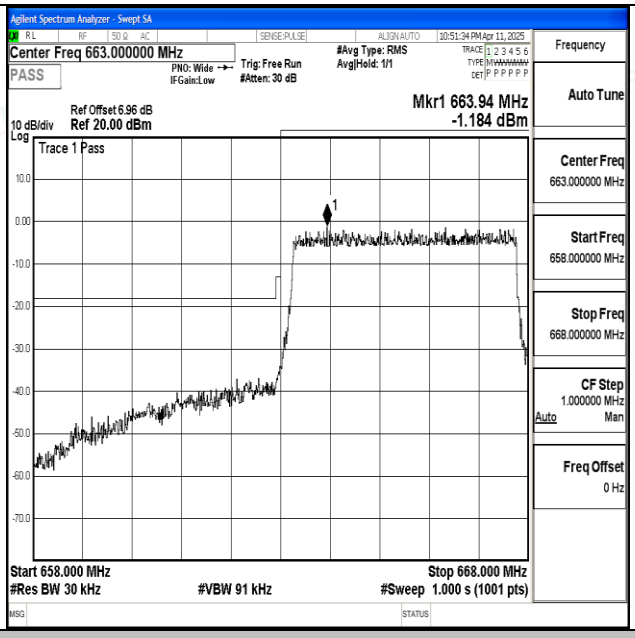
Band71_10MHz_QPSK_133422_50RB#0



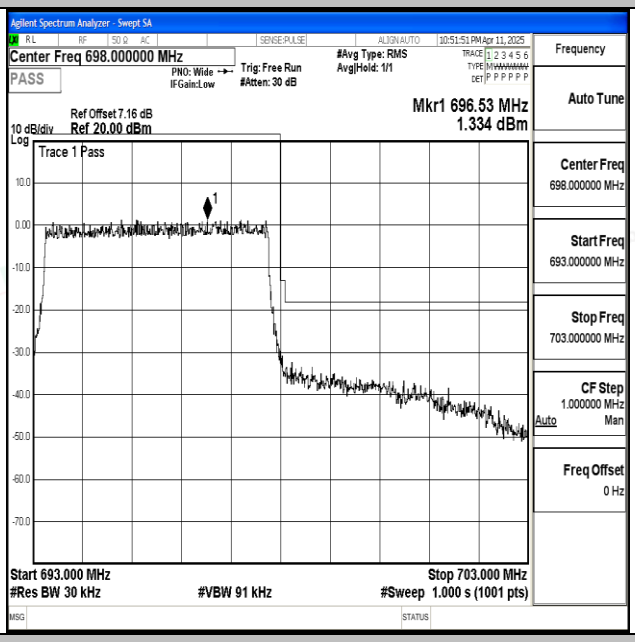
Band71_10MHz_16QAM_133422_50RB#0



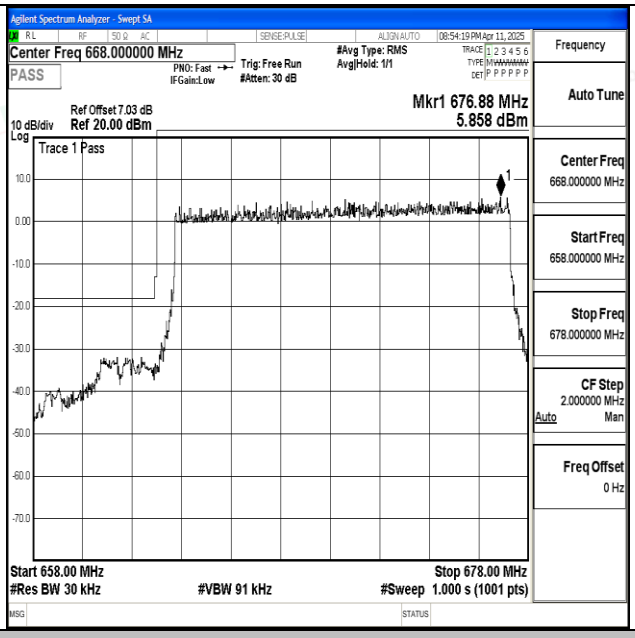
Band71_5MHz_QPSK_133147_25RB#0



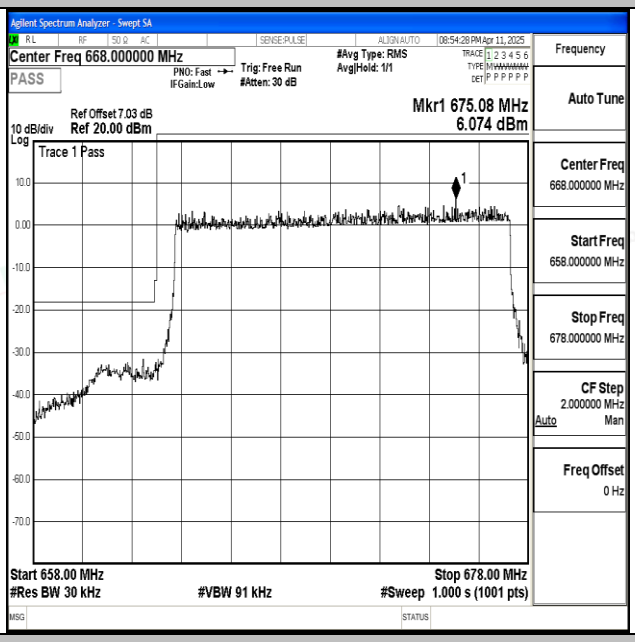
Band71_5MHz_16QAM_133147_25RB#0



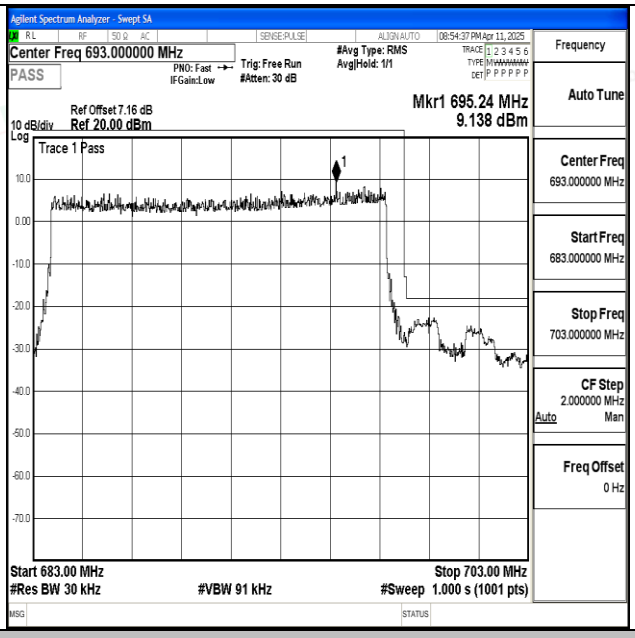
Band71_5MHz_16QAM_133447_25RB#0



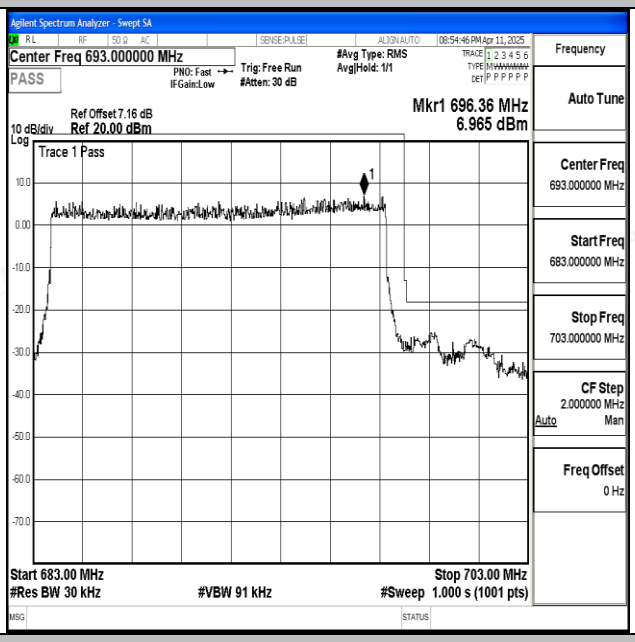
Band71_15MHz_QPSK_133197_75RB#0



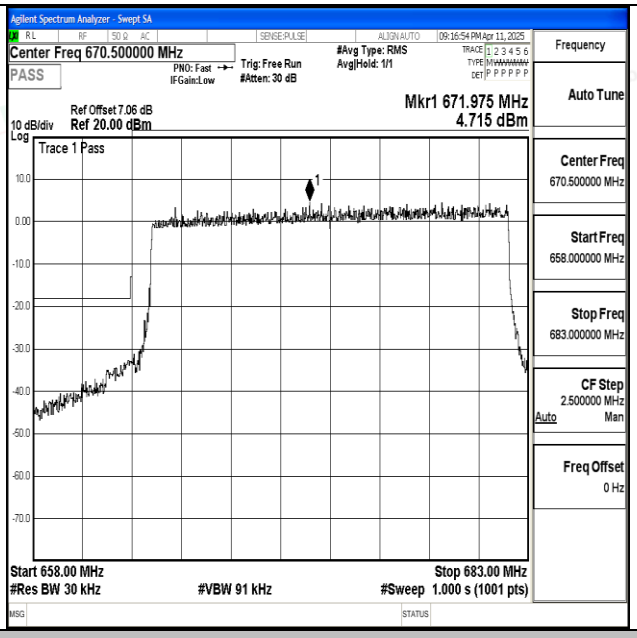
Band71_15MHz_16QAM_133197_75RB#0



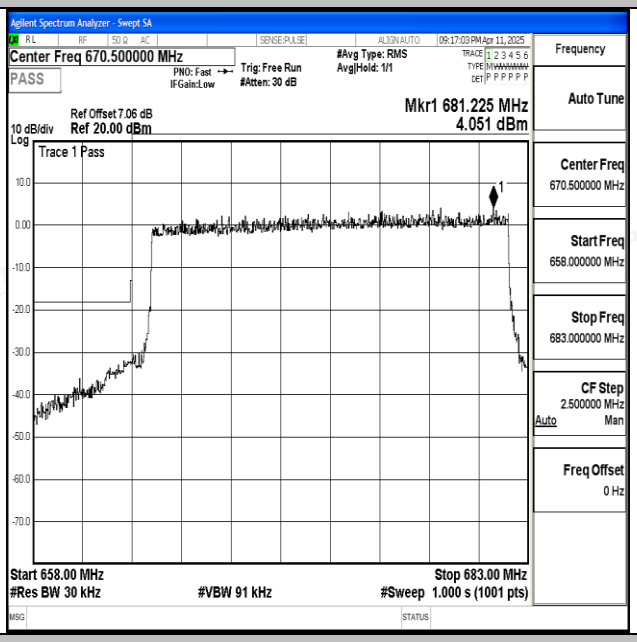
Band71_15MHz_QPSK_133397_75RB#0



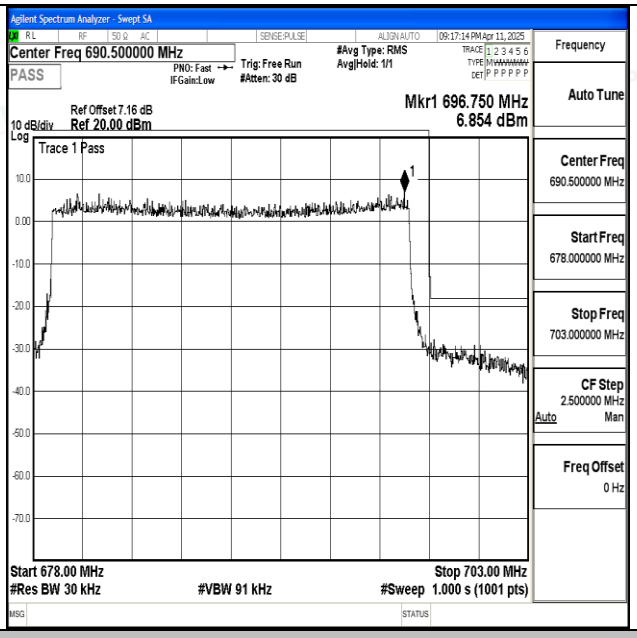
Band71_15MHz_16QAM_133397_75RB#0



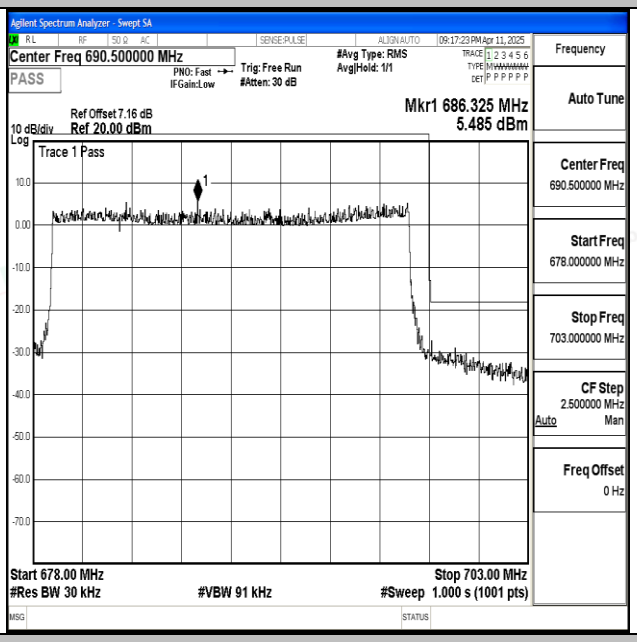
Band71_20MHz_QPSK_133222_100RB#0



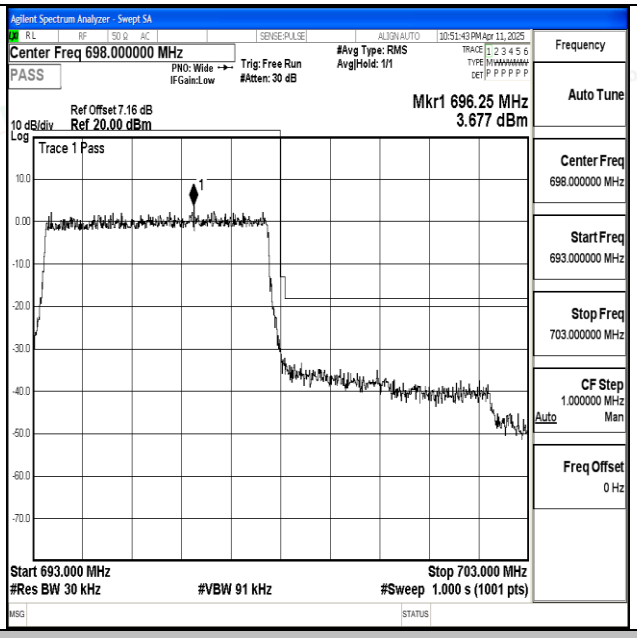
Band71_20MHz_16QAM_133222_100RB#0



Band71_20MHz_QPSK_133372_100RB#0



Band71_20MHz_16QAM_133372_100RB#0



Band71_5MHz_QPSK_133447_25RB#0

N.5 Conducted Spurious Emission

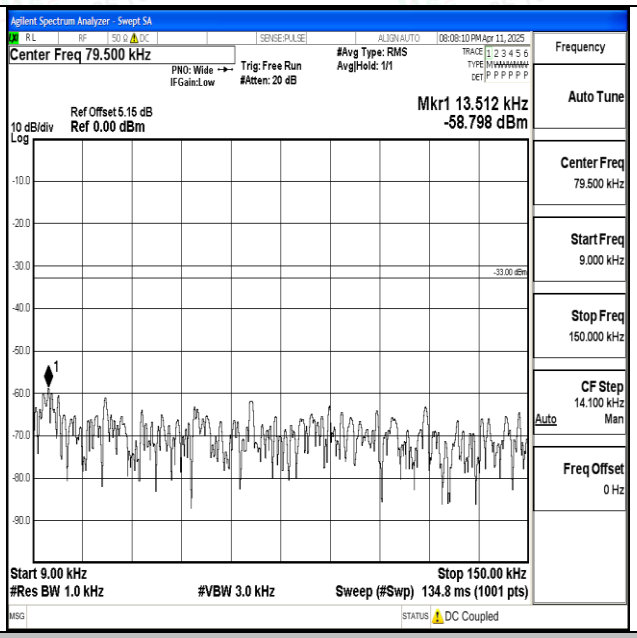
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-58.80	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-44.70	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-52.86	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-37.86	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-34.93	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-55.90	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-48.14	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-52.47	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-37.75	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-56.80	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-45.46	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-52.60	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-35.59	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-34.79	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-56.42	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-47.38	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-52.68	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-34.03	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-35.06	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-56.94	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-44.64	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-51.98	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-33.88	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-35.58	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-57.34	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-45.67	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-52.65	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-37.54	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-35.76	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-35.76	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-57.19	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-42.85	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-52.19	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-37.08	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-35.69	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-56.87	PASS

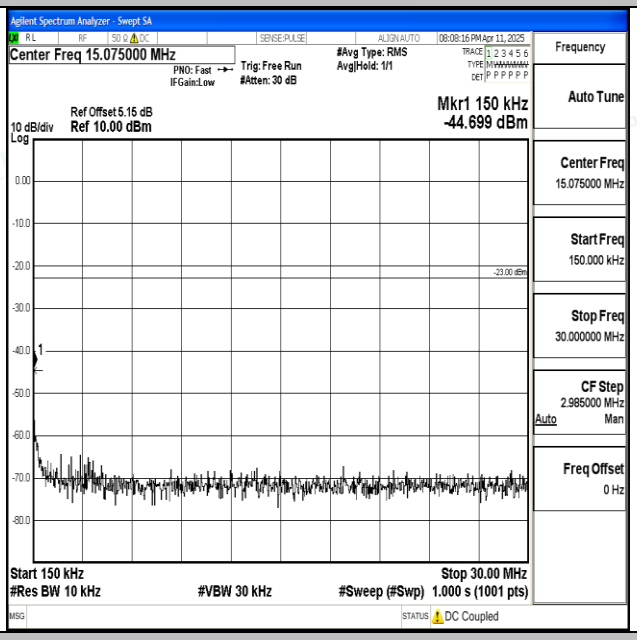
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-46.55	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-52.95	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-38.01	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-35.01	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-58.17	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-43.44	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-36.81	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-51.62	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-35.50	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-60.08	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-45.32	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-52.89	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-37.15	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-57.22	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-46.74	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-51.78	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-34.09	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-35.72	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-57.58	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-45.55	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-53.13	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-38.21	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-35.08	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-56.18	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-46.91	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-52.21	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-35.82	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-35.47	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-57.52	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-44.99	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-52.38	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-35.58	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-57.29	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-45.22	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-52.86	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-36.49	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-34.95	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-58.33	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-42.16	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-34.90	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-59.14	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-45.87	PASS

Band71	10MHz	QPSK	133422	1RB#0	30~1000	-51.72	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-34.67	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-35.50	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-34.88	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-59.15	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-46.23	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-52.55	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-38.71	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-35.33	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-52.93	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-37.37	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-35.51	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-58.53	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-45.54	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-52.76	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-39.10	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-56.98	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-45.22	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-52.36	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-37.52	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-35.03	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-56.30	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-48.54	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-53.08	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-37.39	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-35.43	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-57.81	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-44.83	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-53.04	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-38.21	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-34.98	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-57.06	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-41.98	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-52.63	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-37.63	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-35.48	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-34.70	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-57.12	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-44.06	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-53.10	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-39.03	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-35.42	PASS

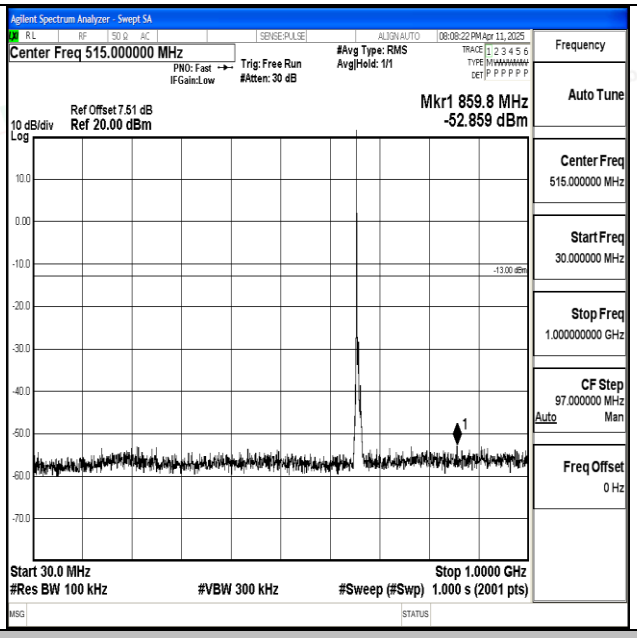
Test Graphs



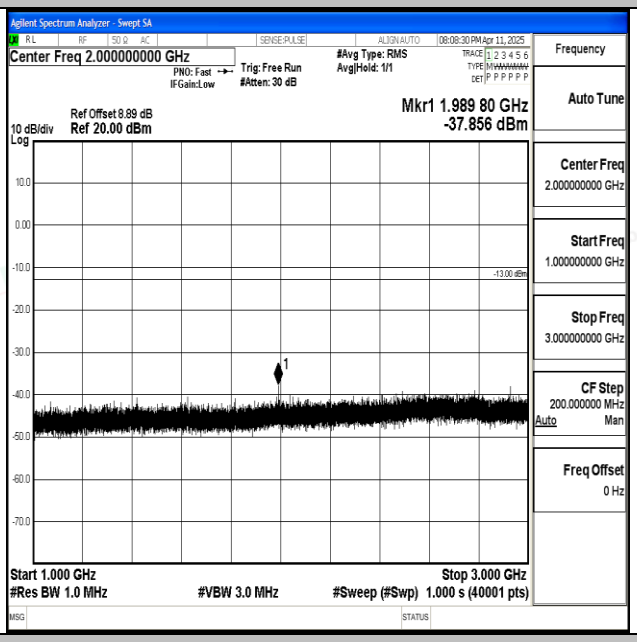
Band71_5MHz_QPSK_133147_1RB#0_0.009~0.15_0.009~0.15



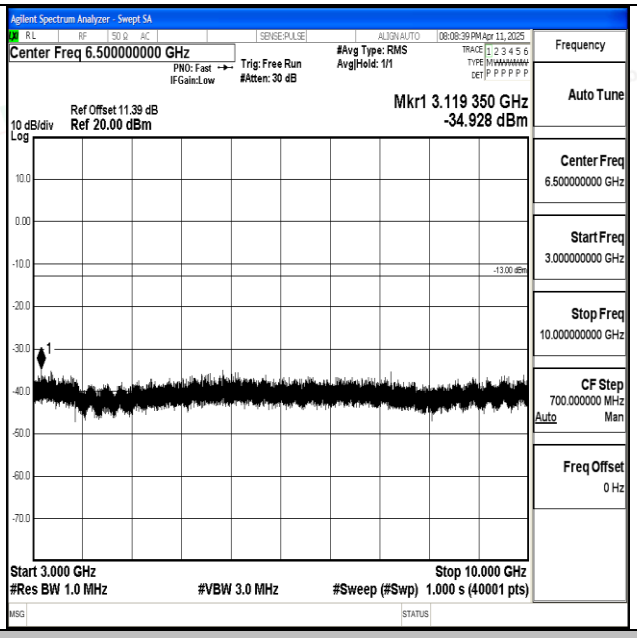
Band71_5MHz_QPSK_133147_1RB#0_0.15~30_0.15~30



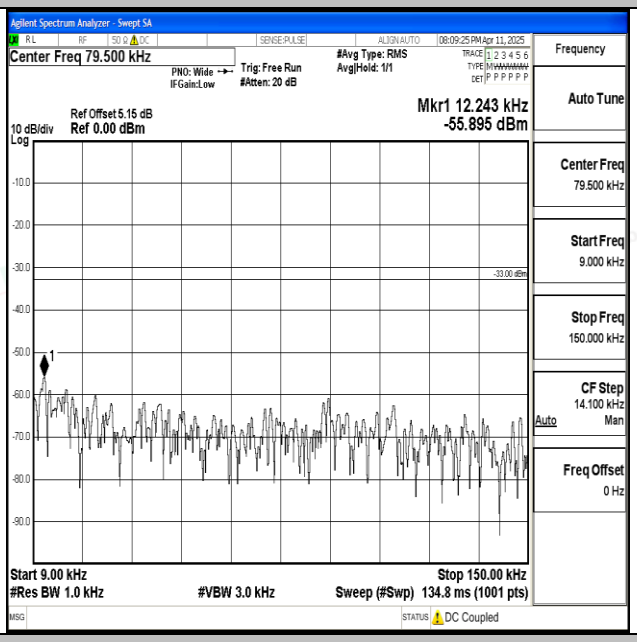
Band71_5MHz_QPSK_133147_1RB#0_30~1000_30~1000



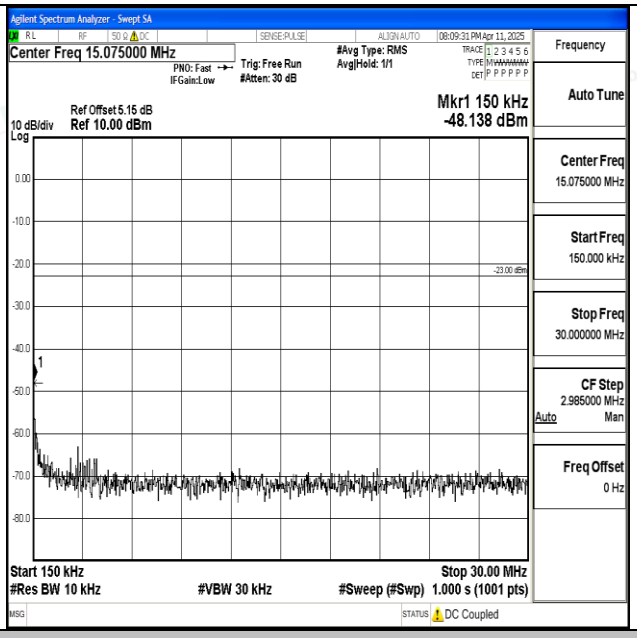
Band71_5MHz_QPSK_133147_1RB#0_1000~3000_1000~3000



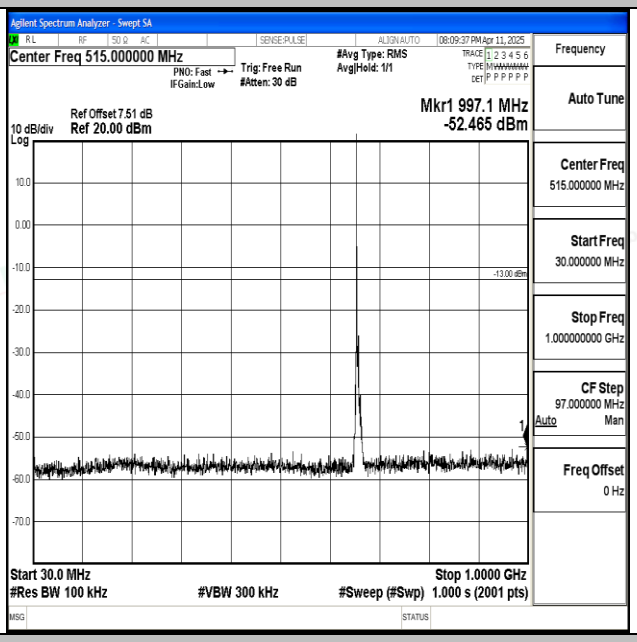
Band71_5MHz_QPSK_133147_1RB#0_3000~10000_3000~10000



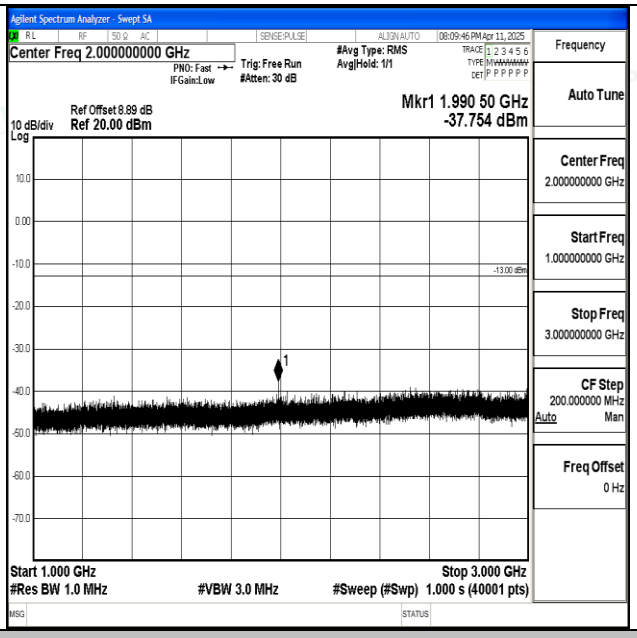
Band71_5MHz_16QAM_133147_1RB#0_0.009~0.15_0.009~0.15



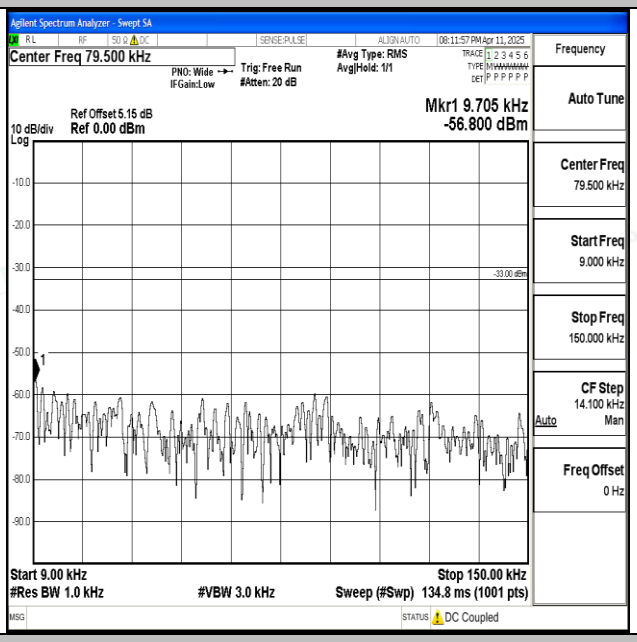
Band71_5MHz_16QAM_133147_1RB#0_0.15~30_0.15~30



Band71_5MHz_16QAM_133147_1RB#0_30~1000_30~1000



Band71_5MHz_16QAM_133147_1RB#0_1000~3000_1000~3000



Band71_5MHz_16QAM_133297_1RB#0_0.009~0.15_0.009~0.15