Appendix P: Test Data for E-UTRA Band 71

Product Name: Moline phone

Test Model: F31tx

Environmental Conditions

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

P.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	24.17	PASS
Band71	5MHz	16QAM	133147	1RB#0	23.28	PASS
Band71	5MHz	QPSK	133147	1RB#12	24.21	PASS
Band71	5MHz	16QAM	133147	1RB#12	23.28	PASS
Band71	5MHz	QPSK	133147	1RB#24	24.28	PASS
Band71	5MHz	16QAM	133147	1RB#24	23.34	PASS
Band71	5MHz	QPSK	133147	12RB#0	23.09	PASS
Band71	5MHz	16QAM	133147	12RB#0	22.19	PASS
Band71	5MHz	QPSK	133147	12RB#6	23.11	PASS
Band71	5MHz	16QAM	133147	12RB#6	22.17	PASS
Band71	5MHz	QPSK	133147	12RB#13	23.21	PASS
Band71	5MHz	16QAM	133147	12RB#13	22.28	PASS
Band71	5MHz	QPSK	133147	25RB#0	23.18	PASS
Band71	5MHz	16QAM	133147	25RB#0	22.13	PASS
Band71	5MHz	QPSK	133297	1RB#0	24.44	PASS
Band71	5MHz	16QAM	133297	1RB#0	23.27	PASS
Band71	5MHz	QPSK	133297	1RB#12	24.30	PASS
Band71	5MHz	16QAM	133297	1RB#12	23.14	PASS
Band71	5MHz	QPSK	133297	1RB#24	24.21	PASS
Band71	5MHz	16QAM	133297	1RB#24	23.07	PASS
Band71	5MHz	QPSK	133297	12RB#0	23.39	PASS
Band71	5MHz	16QAM	133297	12RB#0	22.38	PASS
Band71	5MHz	QPSK	133297	12RB#6	23.38	PASS
Band71	5MHz	16QAM	133297	12RB#6	22.40	PASS
Band71	5MHz	QPSK	133297	12RB#13	23.21	PASS
Band71	5MHz	16QAM	133297	12RB#13	22.22	PASS
Band71	5MHz	QPSK	133297	25RB#0	23.35	PASS
Band71	5MHz	16QAM	133297	25RB#0	22.35	PASS
Band71	5MHz	QPSK	133447	1RB#0	24.14	PASS
Band71	5MHz	16QAM	133447	1RB#0	23.04	PASS
Band71	5MHz	QPSK	133447	1RB#12	24.21	PASS
Band71	5MHz	16QAM	133447	1RB#12	23.04	PASS
Band71	5MHz	QPSK	133447	1RB#24	24.24	PASS
Band71	5MHz	16QAM	133447	1RB#24	23.09	PASS
Band71	5MHz	QPSK	133447	12RB#0	23.03	PASS
Band71	5MHz	16QAM	133447	12RB#0	22.04	PASS

Band71	5MHz	QPSK	133447	12RB#6	23.06	PASS
Band71	5MHz	16QAM	133447	12RB#6	22.05	PASS
Band71	5MHz	QPSK	133447	12RB#13	23.12	PASS
Band71	5MHz	16QAM	133447	12RB#13	22.14	PASS
Band71	5MHz	QPSK	133447	25RB#0	23.12	PASS
Band71	5MHz	16QAM	133447	25RB#0	22.09	PASS
Band71	10MHz	QPSK	133172	1RB#0	24.14	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.96	PASS
Band71	10MHz	QPSK	133172	1RB#24	24.25	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.01	PASS
Band71	10MHz	QPSK	133172	1RB#49	24.38	PASS
Band71	10MHz	16QAM	133172	1RB#49	23.17	PASS
Band71	10MHz	QPSK	133172	25RB#0	23.14	PASS
Band71	10MHz	16QAM	133172	25RB#0	22.16	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	23.38	PASS
Band71	10MHz	16QAM	133172	25RB#25	22.36	PASS
Band71	10MHz	QPSK	133172	50RB#0	23.28	PASS
Band71	10MHz	16QAM	133172	50RB#0	22.23	PASS
Band71	10MHz	QPSK	133297	1RB#0	24.48	PASS
Band71	10MHz	16QAM	133297	1RB#0	23.45	PASS
Band71	10MHz	QPSK	133297	1RB#24	24.35	PASS
Band71	10MHz	16QAM	133297	1RB#24	23.28	PASS
Band71	10MHz	QPSK	133297	1RB#49	24.32	PASS
Band71	10MHz	16QAM	133297	1RB#49	23.32	PASS
Band71	10MHz	QPSK	133297	25RB#0	23.52	PASS
Band71	10MHz	16QAM	133297	25RB#0	22.46	PASS
Band71	10MHz	QPSK	133297	25RB#12	23.52	PASS
Band71	10MHz	16QAM	133297	25RB#12	22.46	PASS
Band71	10MHz	QPSK	133297	25RB#25	23.28	PASS
Band71	10MHz	16QAM	133297	25RB#25	22.20	PASS
Band71	10MHz	QPSK	133297	50RB#0	23.39	PASS
Band71	10MHz	16QAM	133297	50RB#0	22.33	PASS
Band71	10MHz	QPSK	133422	1RB#0	24.28	PASS
Band71	10MHz	16QAM	133422	1RB#0	23.16	PASS
Band71	10MHz	QPSK	133422	1RB#24	24.04	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.95	PASS
Band71	10MHz	QPSK	133422	1RB#49	24.14	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.99	PASS
Band71	10MHz	QPSK	133422	25RB#0	23.15	PASS
Band71	10MHz	16QAM	133422	25RB#0	22.13	PASS

Band71	10MHz	QPSK	133422	25RB#12	23.12	PASS
Band71	10MHz	16QAM	133422	25RB#12	22.14	PASS
Band71	10MHz	QPSK	133422	25RB#25	23.23	PASS
Band71	10MHz	16QAM	133422	25RB#25	22.20	PASS
Band71	10MHz	QPSK	133422	50RB#0	23.14	PASS
Band71	10MHz	16QAM	133422	50RB#0	22.13	PASS
Band71	15MHz	QPSK	133197	1RB#0	24.17	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.95	PASS
Band71	15MHz	QPSK	133197	1RB#38	24.37	PASS
Band71	15MHz	16QAM	133197	1RB#38	23.16	PASS
Band71	15MHz	QPSK	133197	1RB#74	24.41	PASS
Band71	15MHz	16QAM	133197	1RB#74	23.19	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.95	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.97	PASS
Band71	15MHz	QPSK	133197	38RB#18	23.12	PASS
Band71	15MHz	16QAM	133197	38RB#18	23.11	PASS
Band71	15MHz	QPSK	133197	38RB#37	23.19	PASS
Band71	15MHz	16QAM	133197	38RB#37	23.22	PASS
Band71	15MHz	QPSK	133197	75RB#0	23.30	PASS
Band71	15MHz	16QAM	133197	75RB#0	22.33	PASS
Band71	15MHz	QPSK	133297	1RB#0	24.48	PASS
Band71	15MHz	16QAM	133297	1RB#0	23.44	PASS
Band71	15MHz	QPSK	133297	1RB#38	24.42	PASS
Band71	15MHz	16QAM	133297	1RB#38	23.38	PASS
Band71	15MHz	QPSK	133297	1RB#74	24.25	PASS
Band71	15MHz	16QAM	133297	1RB#74	23.25	PASS
Band71	15MHz	QPSK	133297	38RB#0	23.38	PASS
Band71	15MHz	16QAM	133297	38RB#0	23.40	PASS
Band71	15MHz	QPSK	133297	38RB#18	23.32	PASS
Band71	15MHz	16QAM	133297	38RB#18	23.34	PASS
Band71	15MHz	QPSK	133297	38RB#37	23.30	PASS
Band71	15MHz	16QAM	133297	38RB#37	23.27	PASS
Band71	15MHz	QPSK	133297	75RB#0	23.32	PASS
Band71	15MHz	16QAM	133297	75RB#0	22.27	PASS
Band71	15MHz	QPSK	133397	1RB#0	24.23	PASS
Band71	15MHz	16QAM	133397	1RB#0	23.40	PASS
Band71	15MHz	QPSK	133397	1RB#38	24.13	PASS
Band71	15MHz	16QAM	133397	1RB#38	23.26	PASS
Band71	15MHz	QPSK	133397	1RB#74	24.14	PASS
Band71	15MHz	16QAM	133397	1RB#74	23.30	PASS
Band71	15MHz	QPSK	133397	38RB#0	23.37	PASS
Band71	15MHz	16QAM	133397	38RB#0	23.37	PASS

Band71	15MHz	QPSK	133397	38RB#18	23.25	PASS
Band71	15MHz	16QAM	133397	38RB#18	23.26	PASS
Band71	15MHz	QPSK	133397	38RB#37	23.23	PASS
Band71	15MHz	16QAM	133397	38RB#37	23.24	PASS
Band71	15MHz	QPSK	133397	75RB#0	23.22	PASS
Band71	15MHz	16QAM	133397	75RB#0	22.28	PASS
Band71	20MHz	QPSK	133222	1RB#0	24.12	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.99	PASS
Band71	20MHz	QPSK	133222	1RB#49	24.44	PASS
Band71	20MHz	16QAM	133222	1RB#49	23.29	PASS
Band71	20MHz	QPSK	133222	1RB#99	24.36	PASS
Band71	20MHz	16QAM	133222	1RB#99	23.20	PASS
Band71	20MHz	QPSK	133222	50RB#0	23.25	PASS
Band71	20MHz	16QAM	133222	50RB#0	22.33	PASS
Band71	20MHz	QPSK	133222	50RB#25	23.25	PASS
Band71	20MHz	16QAM	133222	50RB#25	22.33	PASS
Band71	20MHz	QPSK	133222	50RB#50	23.42	PASS
Band71	20MHz	16QAM	133222	50RB#50	22.44	PASS
Band71	20MHz	QPSK	133222	100RB#0	23.33	PASS
Band71	20MHz	16QAM	133222	100RB#0	22.33	PASS
Band71	20MHz	QPSK	133322	1RB#0	24.52	PASS
Band71	20MHz	16QAM	133322	1RB#0	23.44	PASS
Band71	20MHz	QPSK	133322	1RB#49	24.43	PASS
Band71	20MHz	16QAM	133322	1RB#49	23.26	PASS
Band71	20MHz	QPSK	133322	1RB#99	24.27	PASS
Band71	20MHz	16QAM	133322	1RB#99	23.13	PASS
Band71	20MHz	QPSK	133322	50RB#0	23.52	PASS
Band71	20MHz	16QAM	133322	50RB#0	22.50	PASS
Band71	20MHz	QPSK	133322	50RB#25	23.52	PASS
Band71	20MHz	16QAM	133322	50RB#25	22.50	PASS
Band71	20MHz	QPSK	133322	50RB#50	23.24	PASS
Band71	20MHz	16QAM	133322	50RB#50	22.25	PASS
Band71	20MHz	QPSK	133322	100RB#0	23.40	PASS
Band71	20MHz	16QAM	133322	100RB#0	22.29	PASS
Band71	20MHz	QPSK	133372	1RB#0	24.53	PASS
Band71	20MHz	16QAM	133372	1RB#0	23.70	PASS
Band71	20MHz	QPSK	133372	1RB#49	24.29	PASS
Band71	20MHz	16QAM	133372	1RB#49	23.50	PASS
Band71	20MHz	QPSK	133372	1RB#99	24.15	PASS
Band71	20MHz	16QAM	133372	1RB#99	23.33	PASS
Band71	20MHz	QPSK	133372	50RB#0	23.51	PASS
Band71	20MHz	16QAM	133372	50RB#0	22.48	PASS

Band71	20MHz	QPSK	133372	50RB#25	23.50	PASS
Band71	20MHz	16QAM	133372	50RB#25	22.50	PASS
Band71	20MHz	QPSK	133372	50RB#50	23.28	PASS
Band71	20MHz	16QAM	133372	50RB#50	22.30	PASS
Band71	20MHz	QPSK	133372	100RB#0	23.43	PASS
Band71	20MHz	16QAM	133372	100RB#0	22.40	PASS

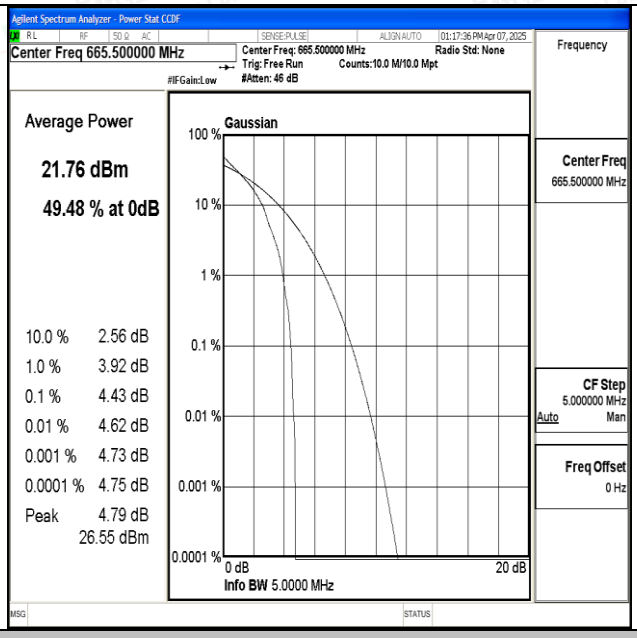
P.2 Peak-to-Average Ratio(CCDF)

Test Result

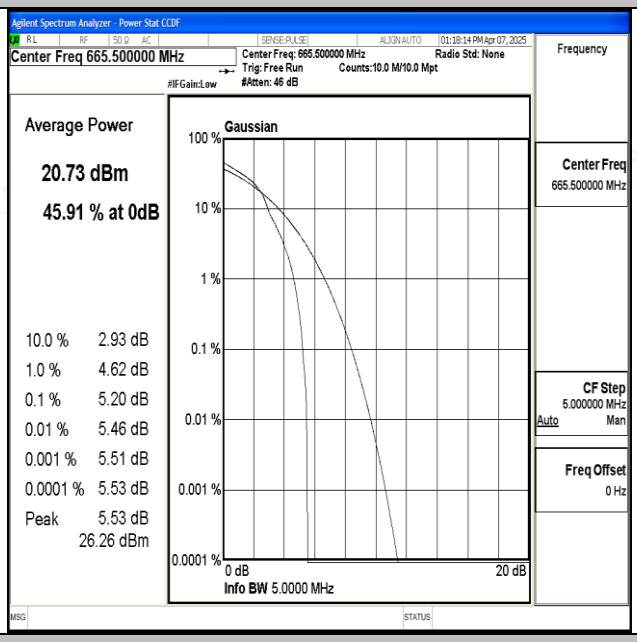
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	4.43	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.20	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.56	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.27	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	4.70	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.44	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.60	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.32	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.01	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.65	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.56	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.27	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.42	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.33	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.56	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.33	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	4.73	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	5.65	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.50	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.29	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.97	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.87	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.61	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.35	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.47	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.37	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.83	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.39	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	4.75	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	5.69	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.83	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.36	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	4.78	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	5.69	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.99	13	PASS

Band71	15MHz	16QAM	133397	75RB#0	6.50	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.45	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.20	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.49	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.32	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	4.62	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.40	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.48	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.30	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.61	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.55	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.70	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.38	13	PASS

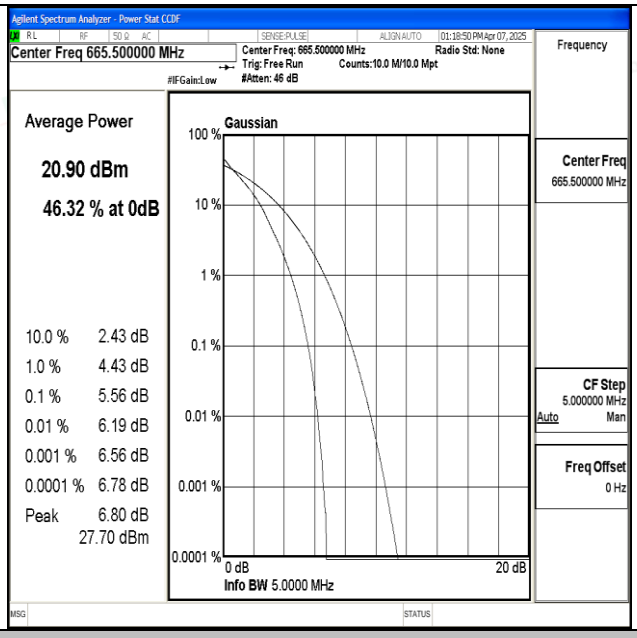
Test Graphs



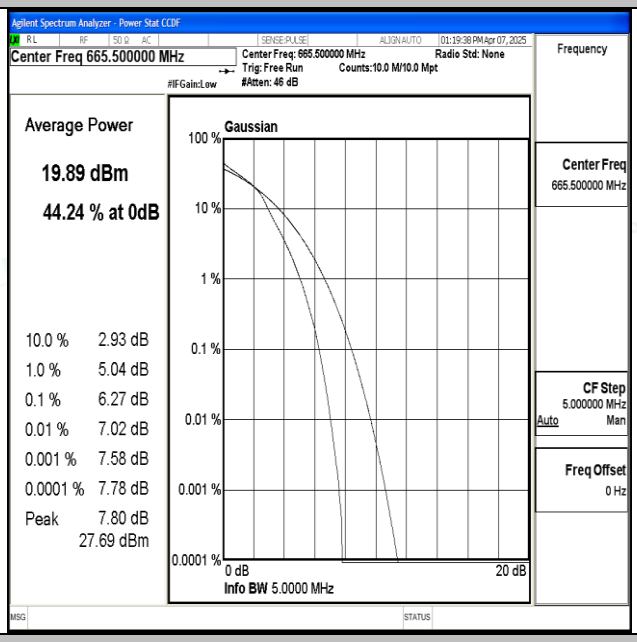
Band71-5MHz-QPSK-133147-1RB#0-PASS



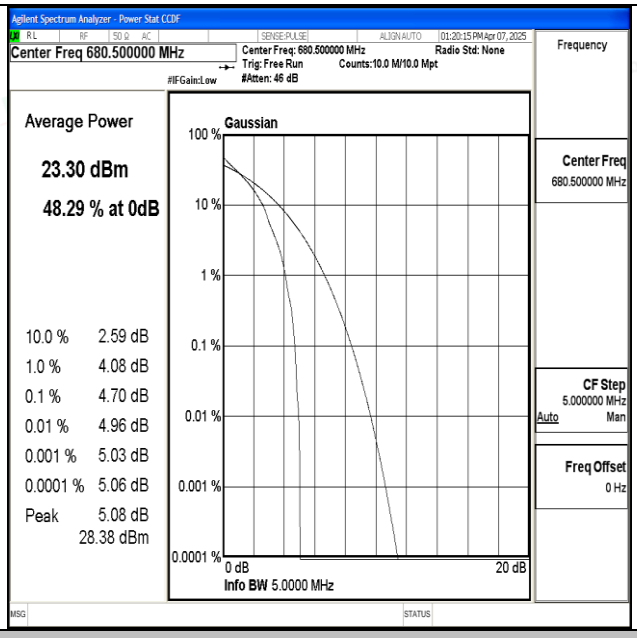
Band71-5MHz-16QAM-133147-1RB#0-PASS



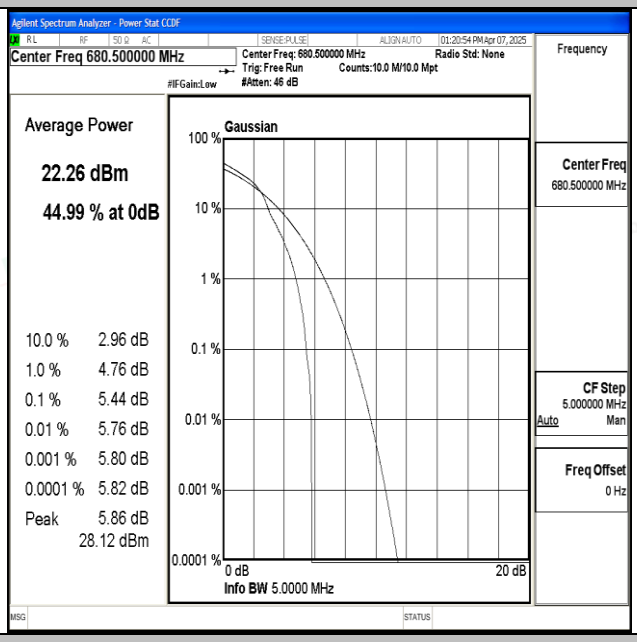
Band71-5MHz-QPSK-133147-25RB#0-PASS



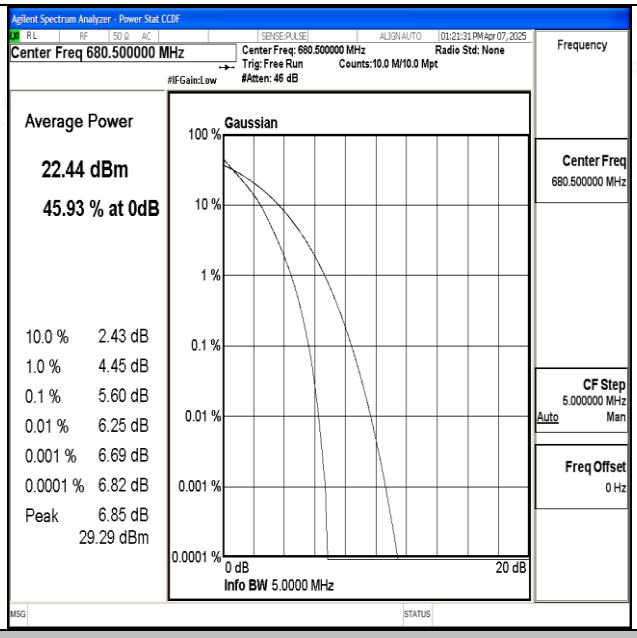
Band71-5MHz-16QAM-133147-25RB#0-PASS



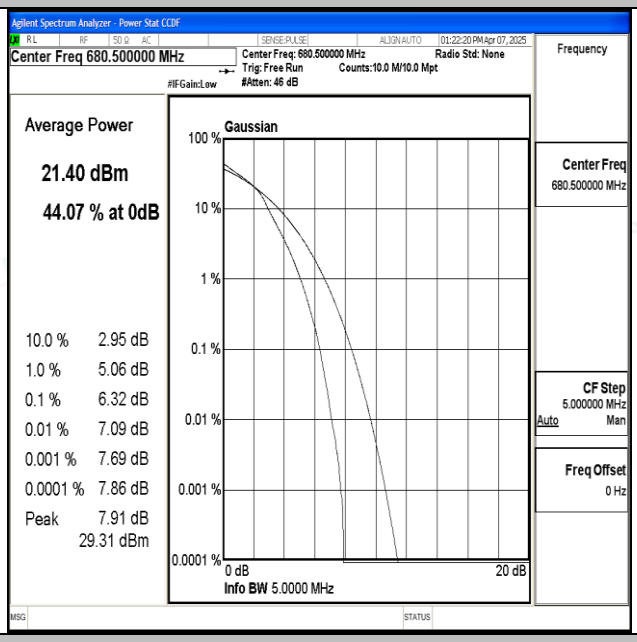
Band71-5MHz-QPSK-133297-1RB#0-PASS



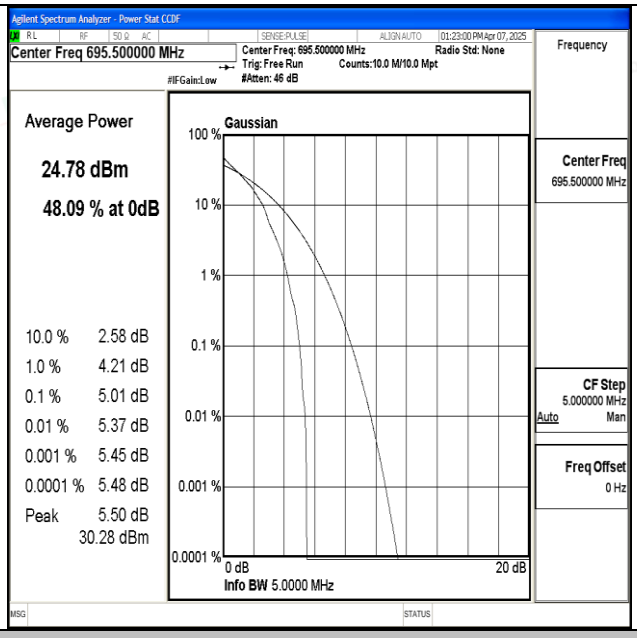
Band71-5MHz-16QAM-133297-1RB#0-PASS



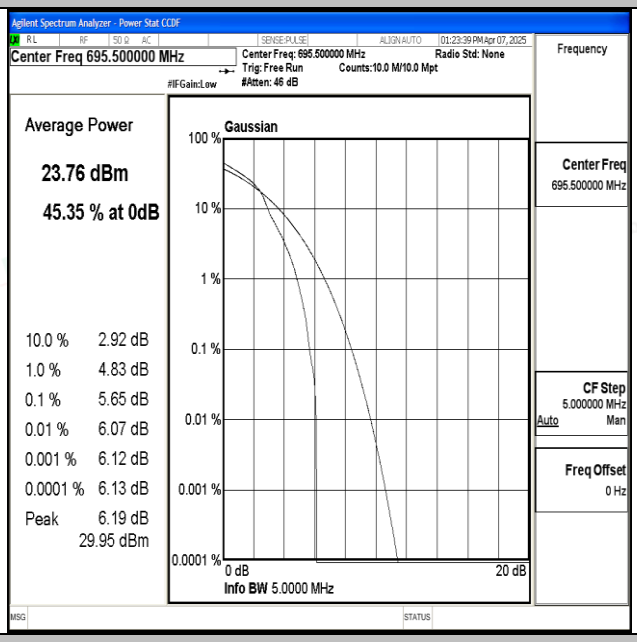
Band71-5MHz-QPSK-133297-25RB#0-PASS



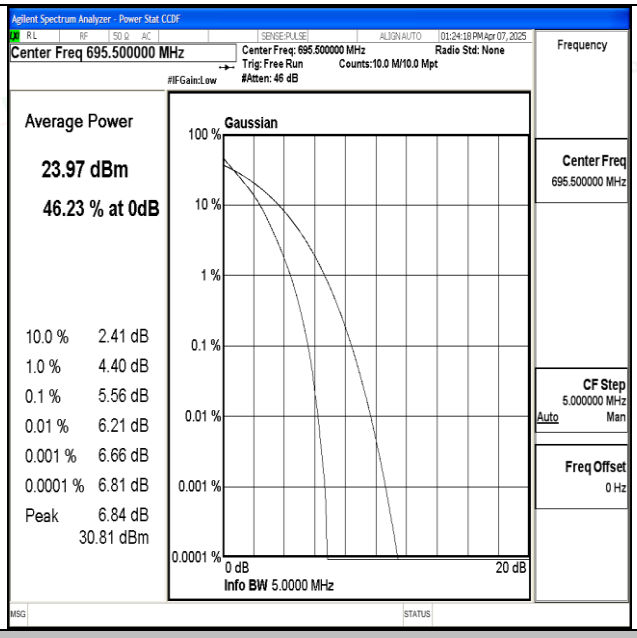
Band71-5MHz-16QAM-133297-25RB#0-PASS



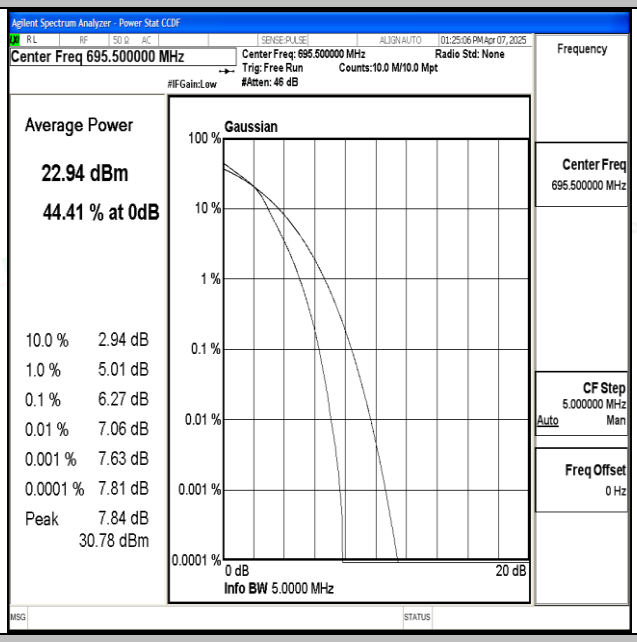
Band71-5MHz-QPSK-133447-1RB#0-PASS



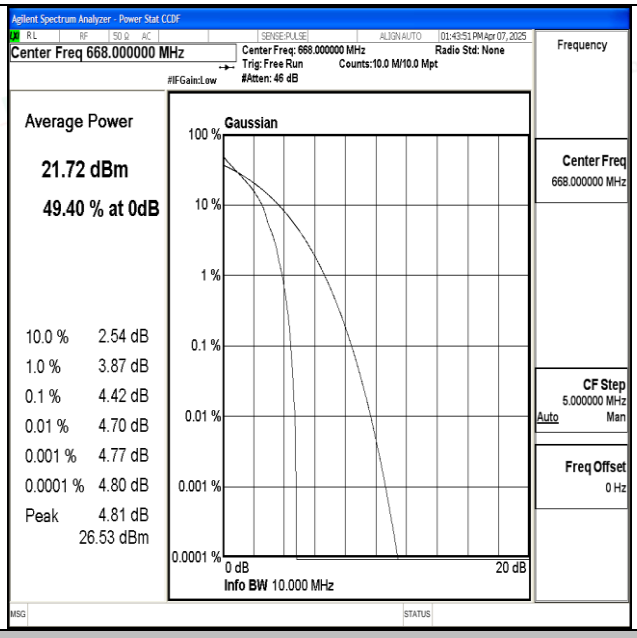
Band71-5MHz-16QAM-133447-1RB#0-PASS



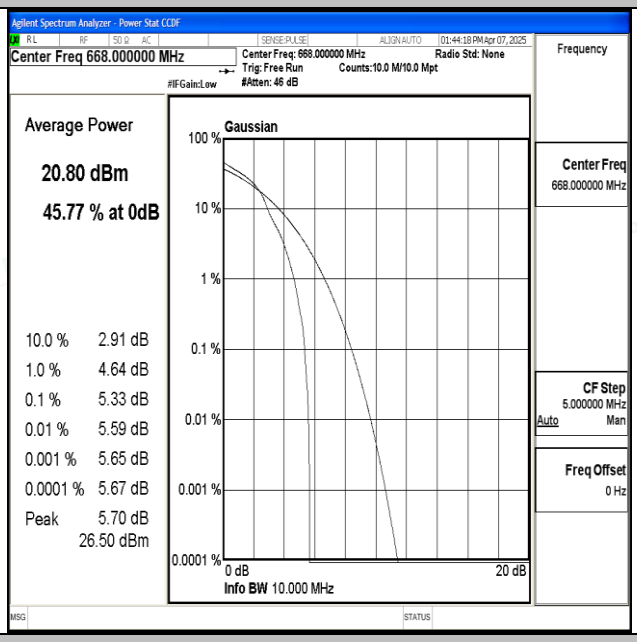
Band71-5MHz-QPSK-133447-25RB#0-PASS



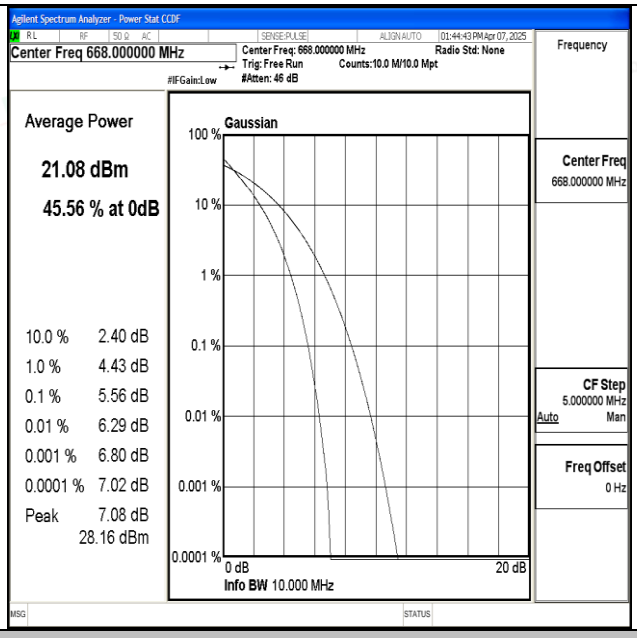
Band71-5MHz-16QAM-133447-25RB#0-PASS



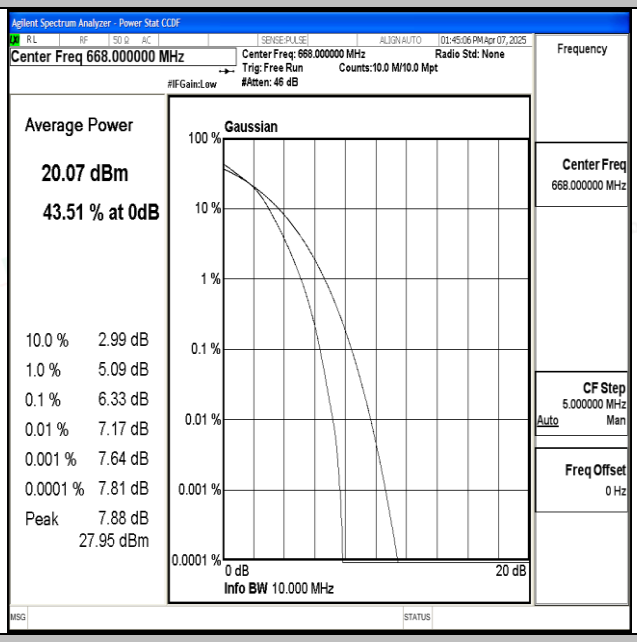
Band71-10MHz-QPSK-133172-1RB#0-PASS



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



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



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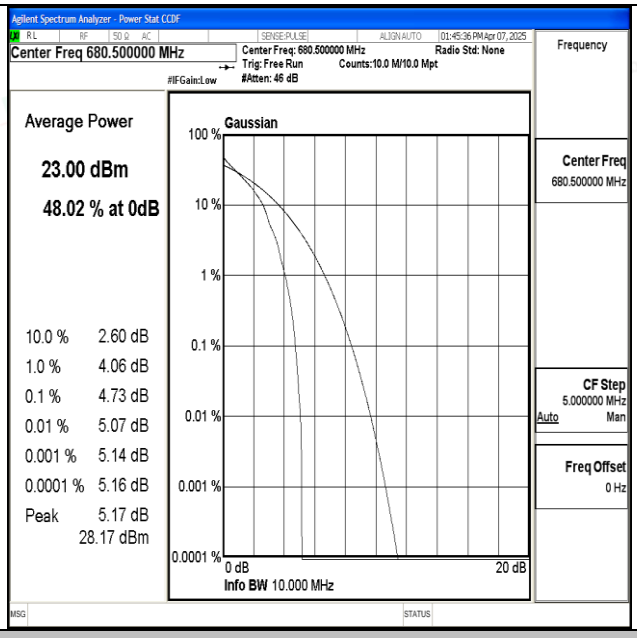
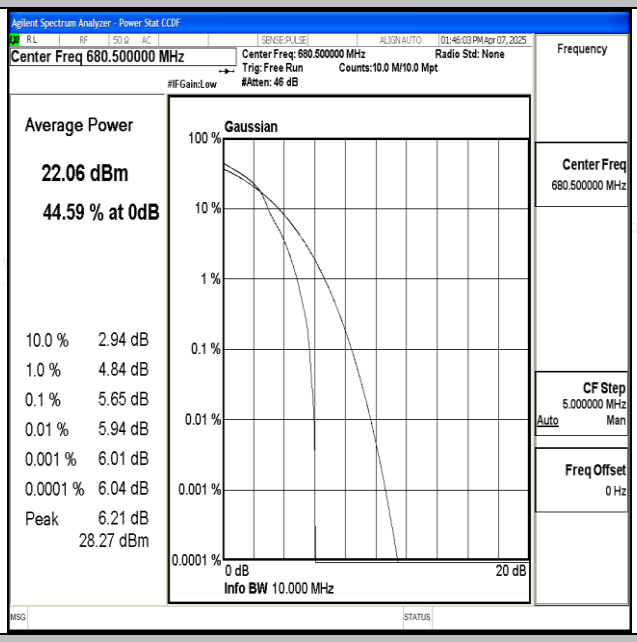
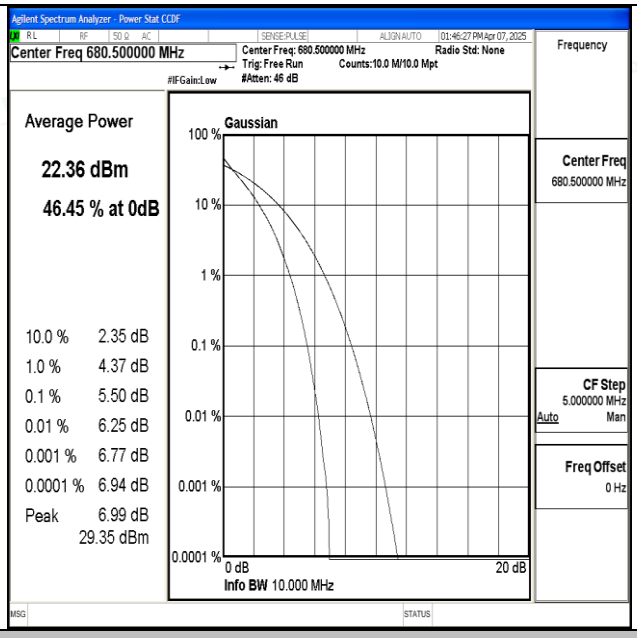


Band71-10MHz-QPSK-133297-1RB#0-PASS



Band71-10MHz-16QAM-133297-1RB#0-PASS



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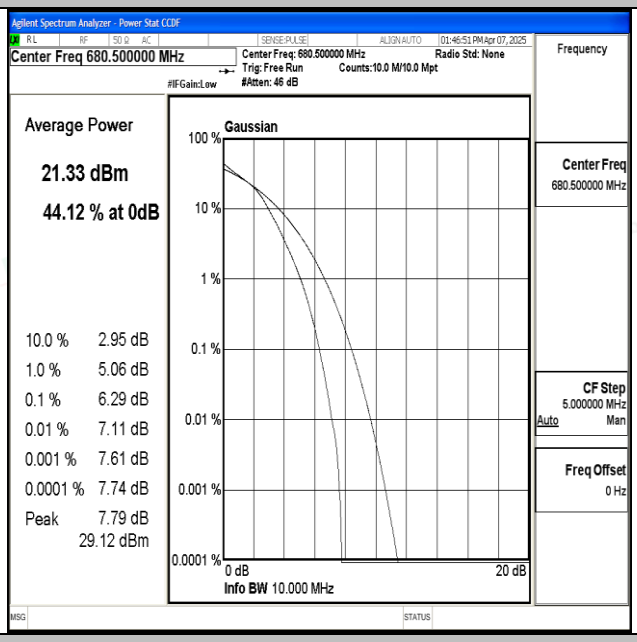
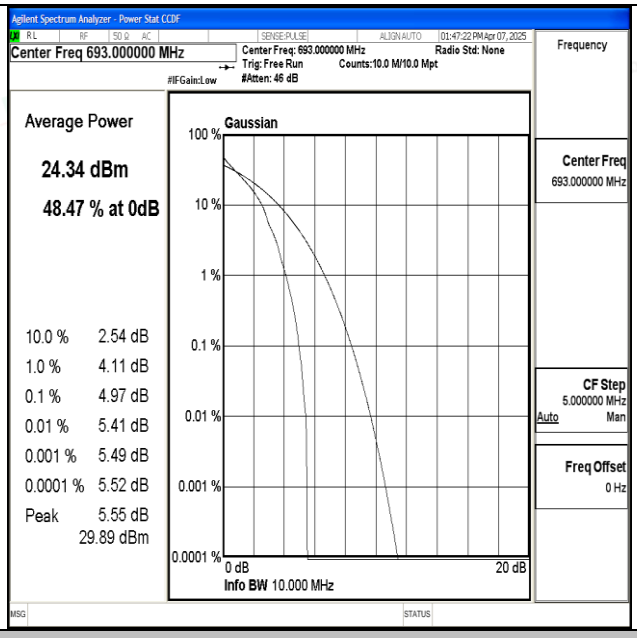
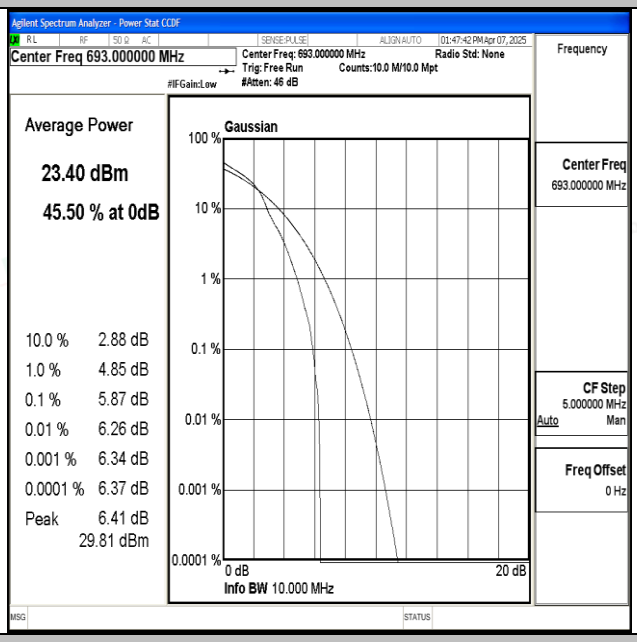


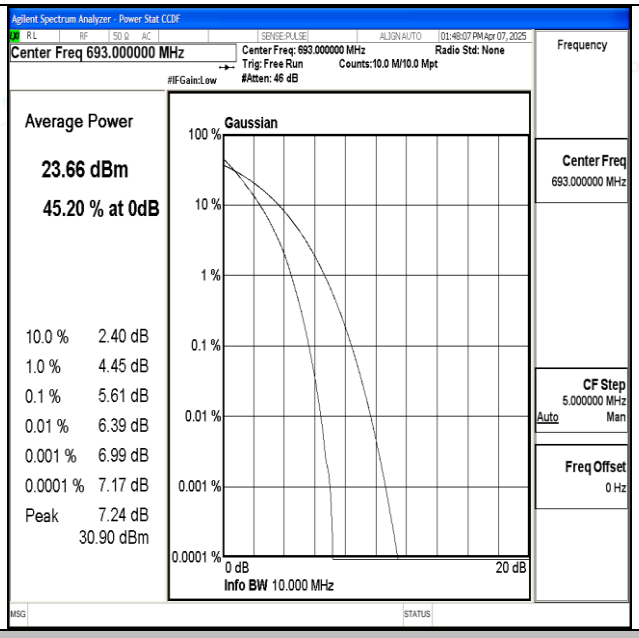
Band71-10MHz-16QAM-133297-50RB#0-PASS



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



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



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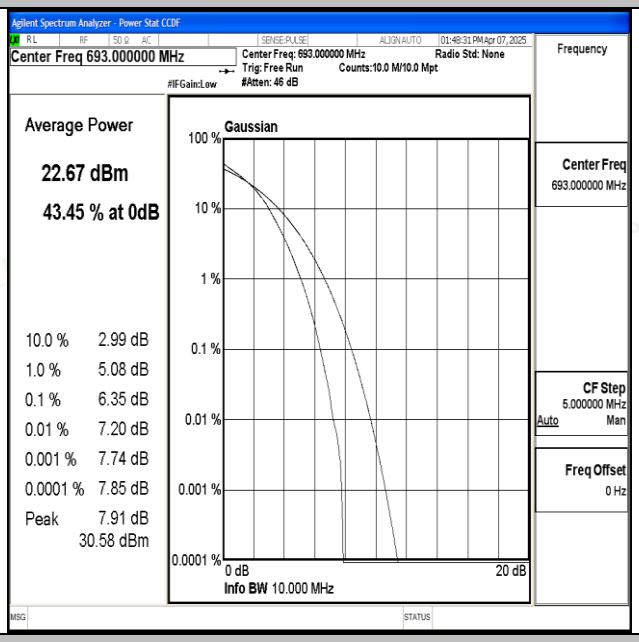

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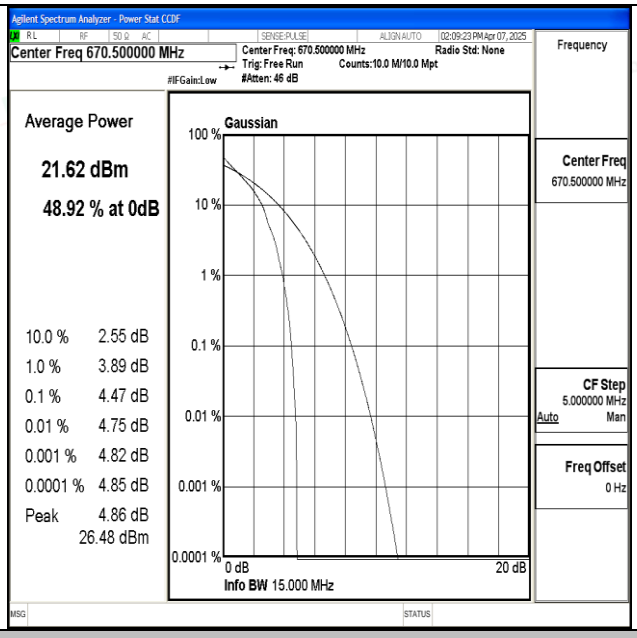
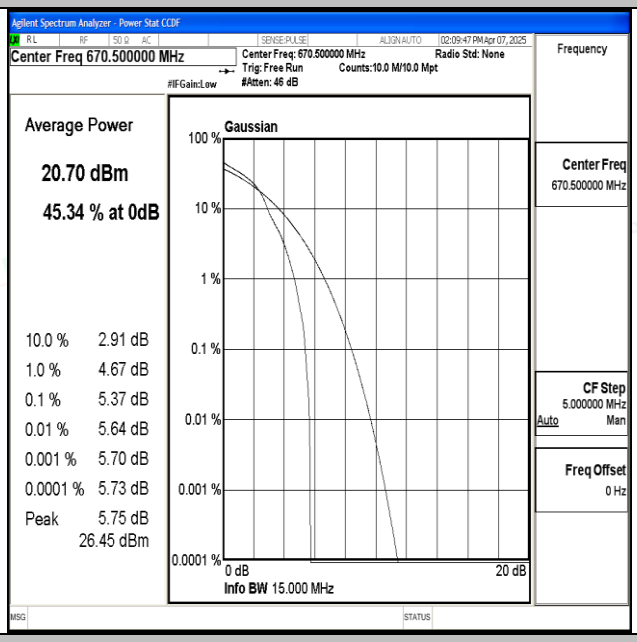


Band71-15MHz-QPSK-133197-1RB#0-PASS



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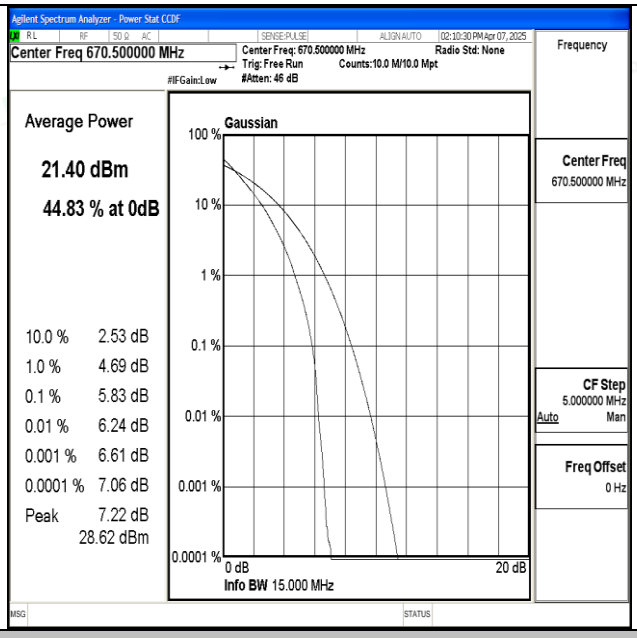
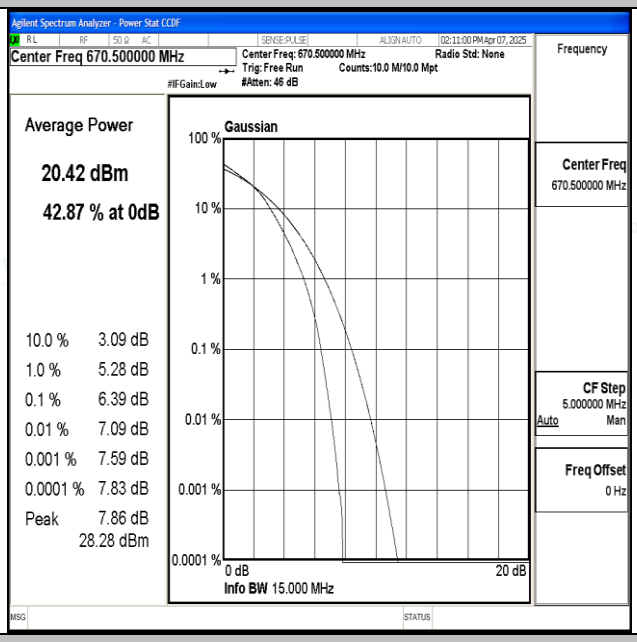
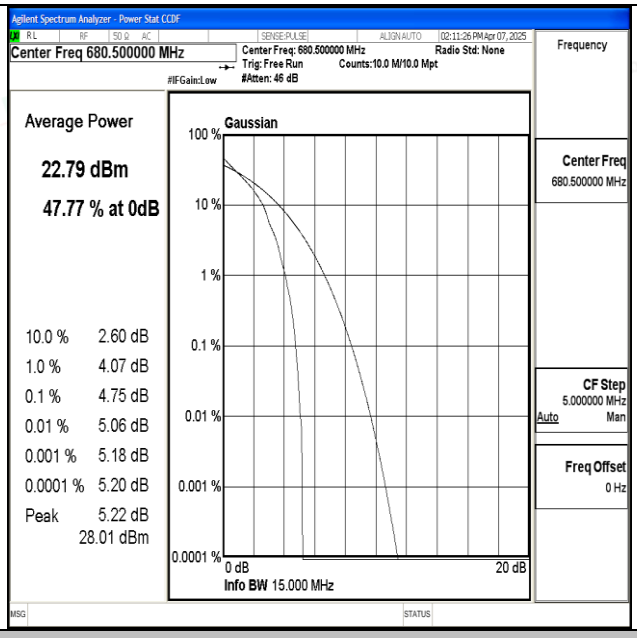


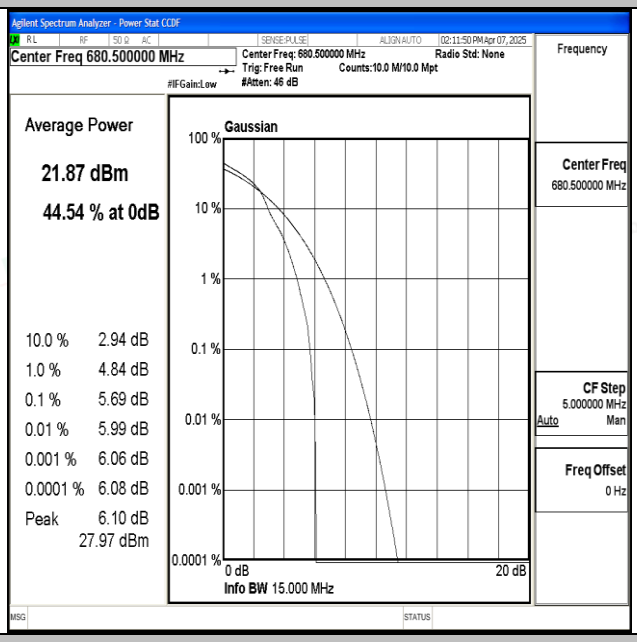
Band71-15MHz-QPSK-133197-75RB#0-PASS



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



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



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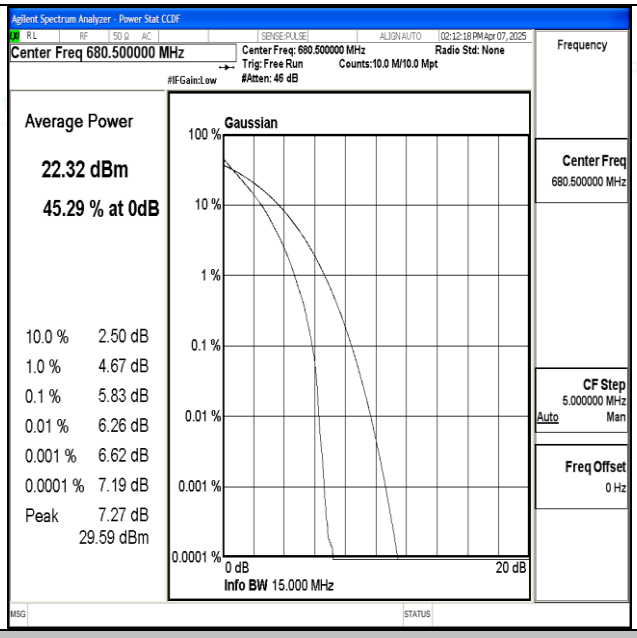

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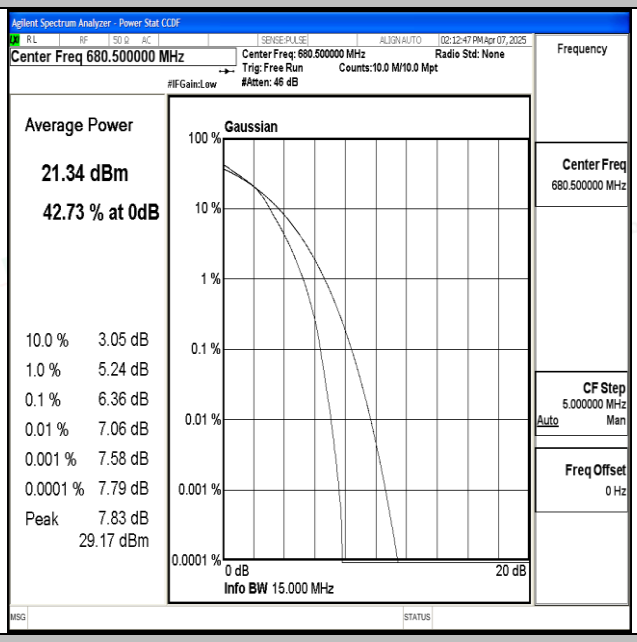
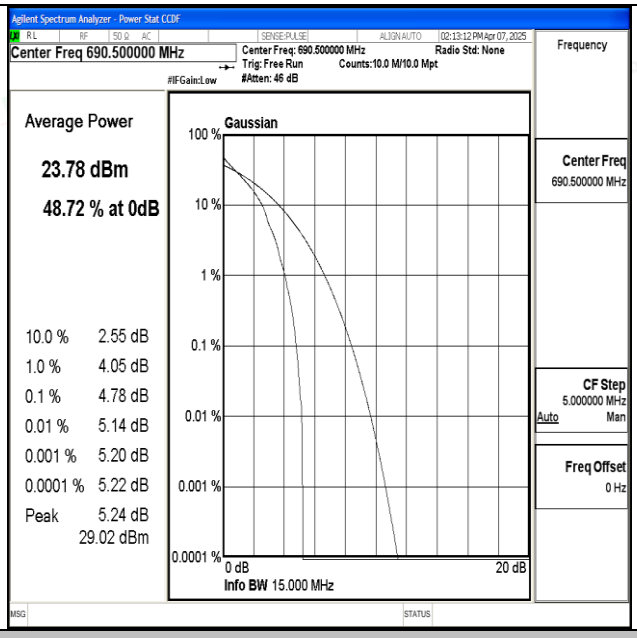
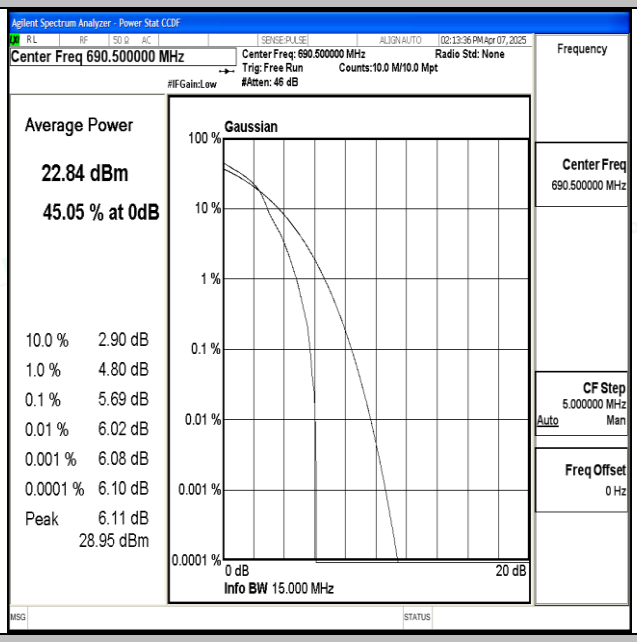


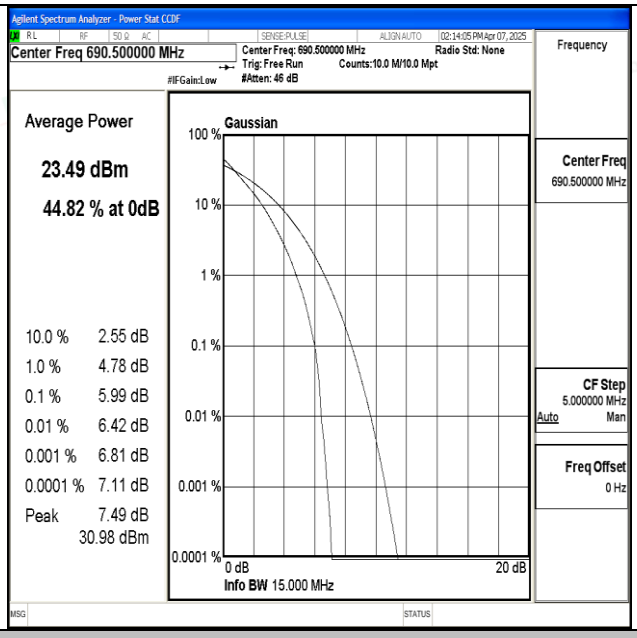
Band71-15MHz-16QAM-133297-75RB#0-PASS



Band71-15MHz-QPSK-133397-1RB#0-PASS



Band71-15MHz-16QAM-133397-1RB#0-PASS



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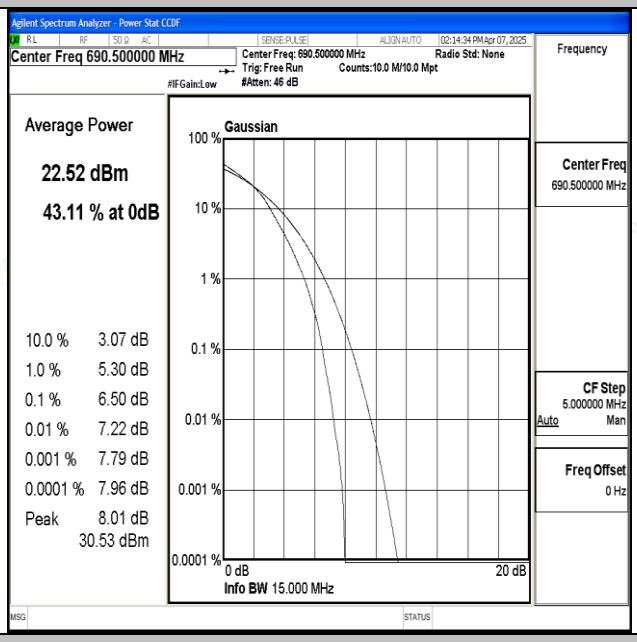
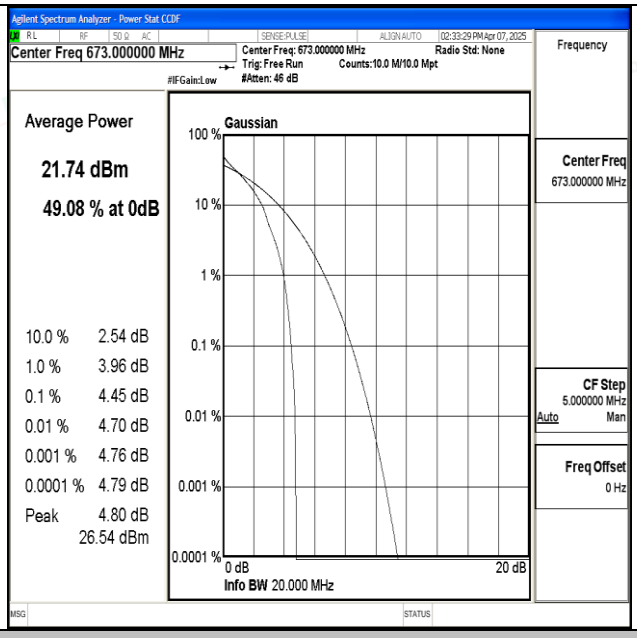
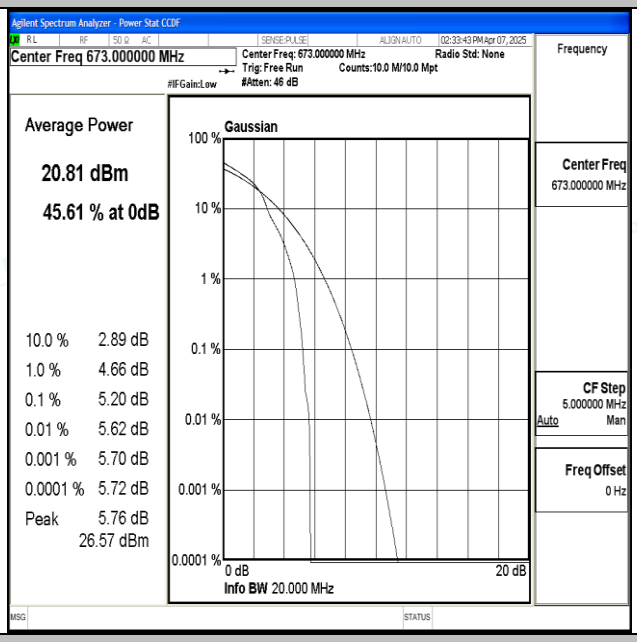


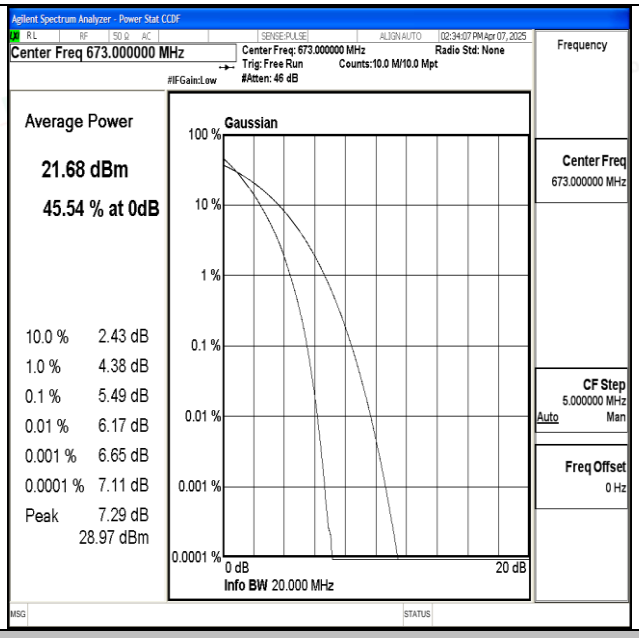
Band71-15MHz-16QAM-133397-75RB#0-PASS



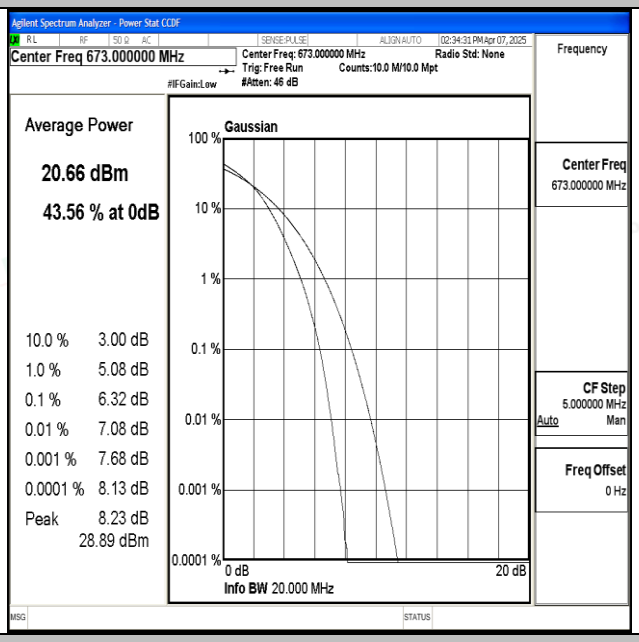
Band71-20MHz-QPSK-133222-1RB#0-PASS



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



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



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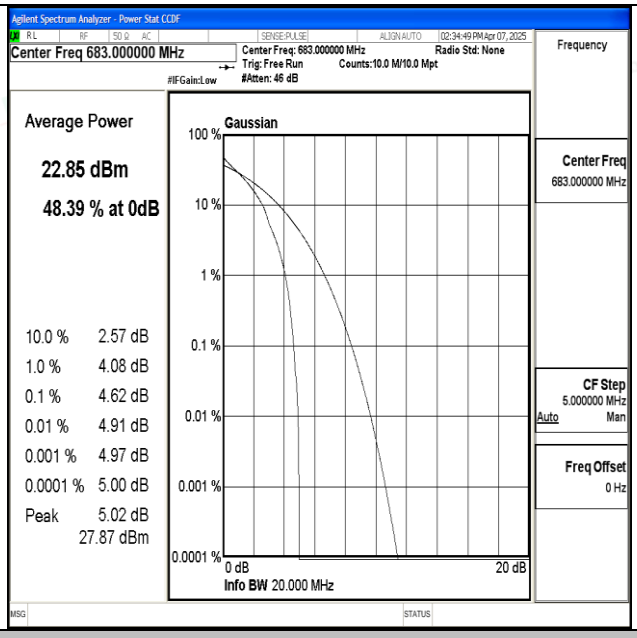
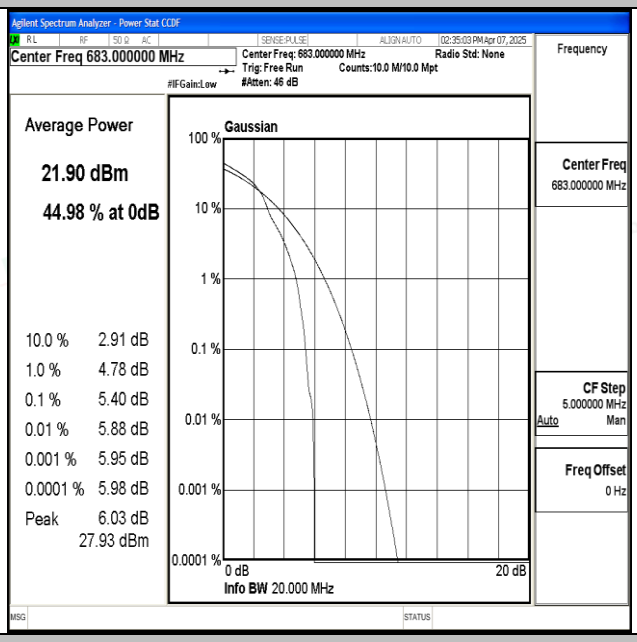


Band71-20MHz-QPSK-133322-1RB#0-PASS



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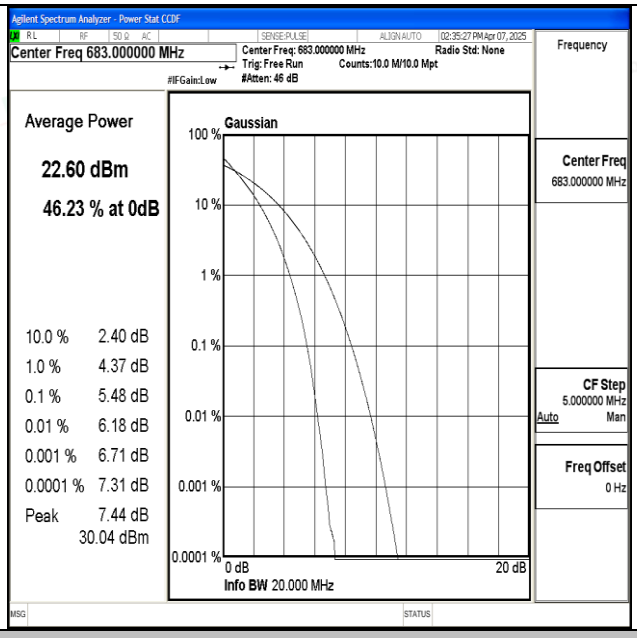

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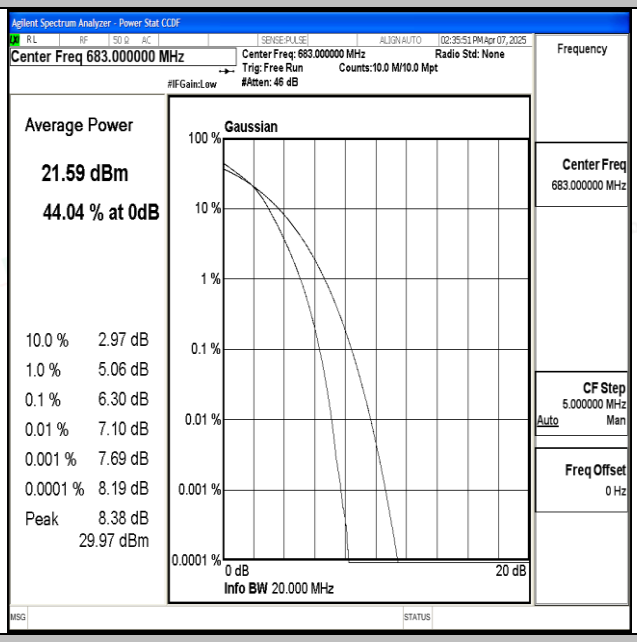

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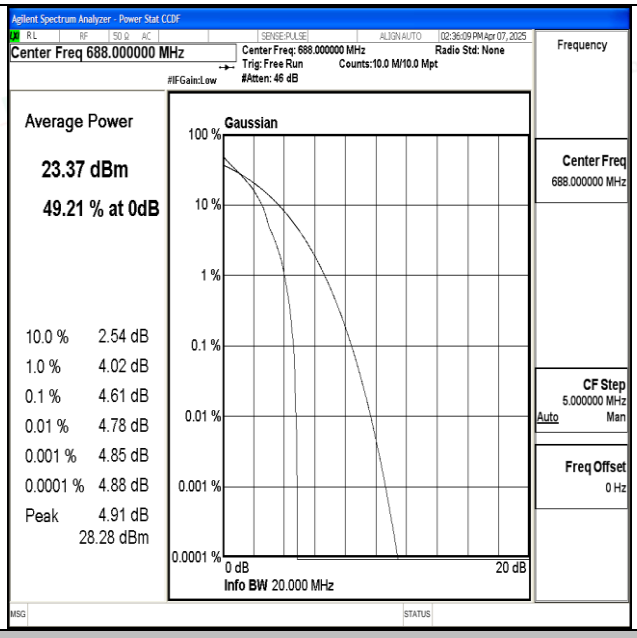
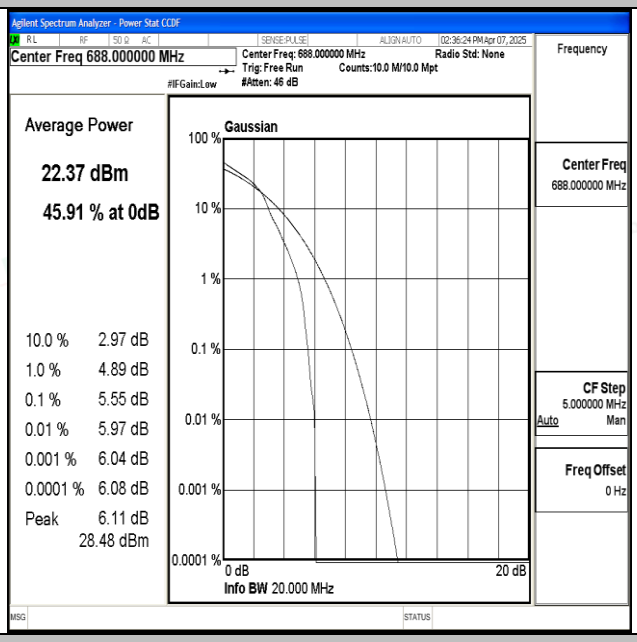


Band71-20MHz-QPSK-133372-1RB#0-PASS



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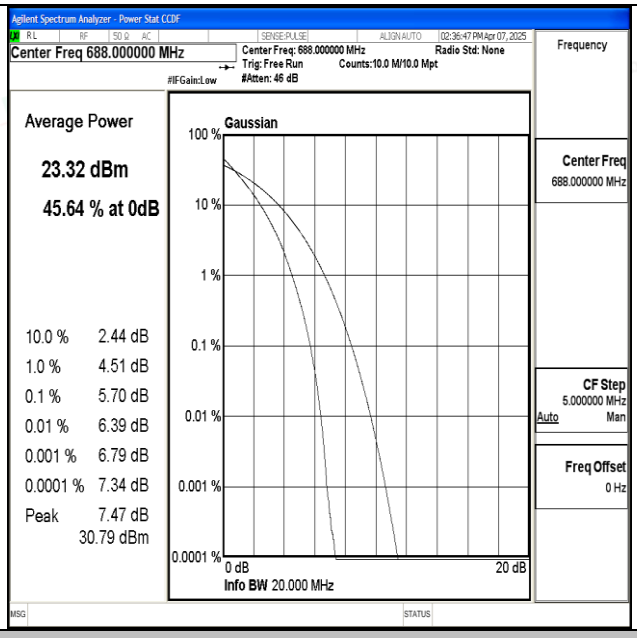

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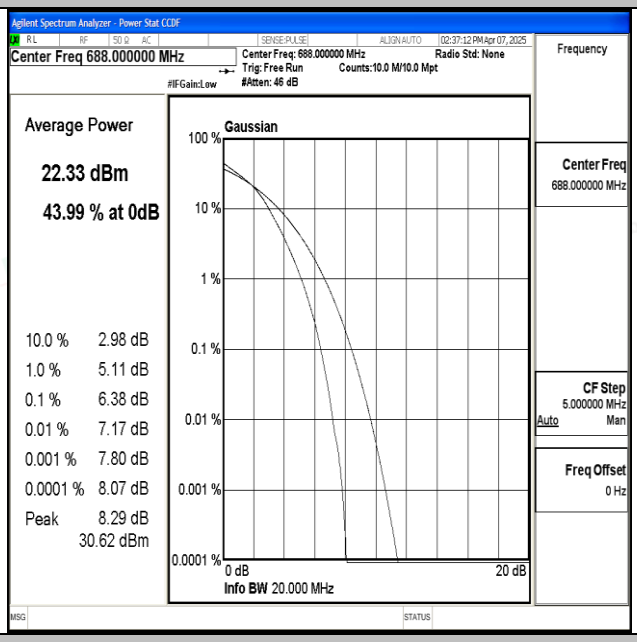


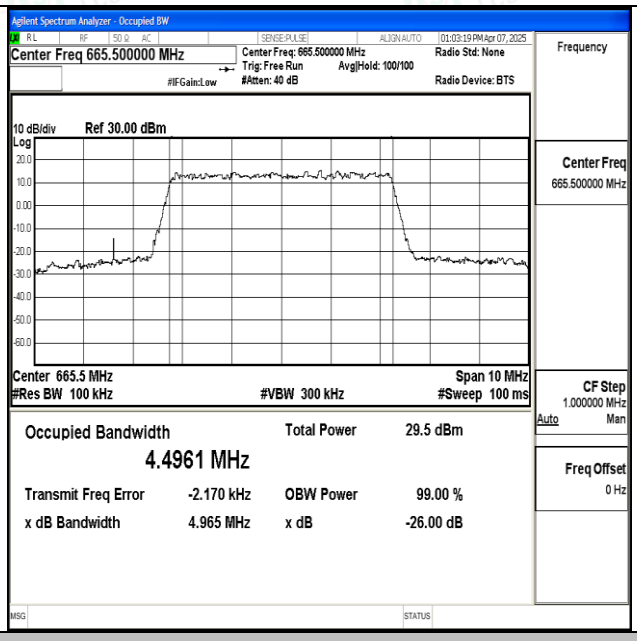
Band71-20MHz-16QAM-133372-100RB#0-PASS

P.3 26dB Bandwidth and Occupied Bandwidth

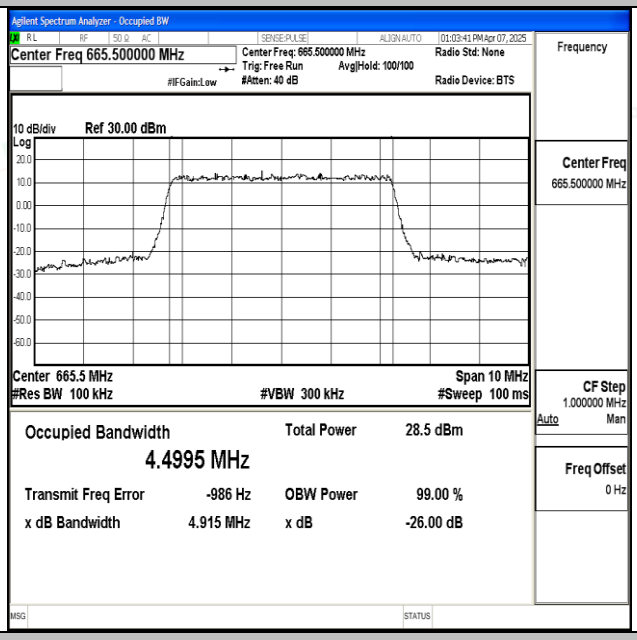
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.4961	4.965	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4995	4.915	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5100	4.973	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.4940	4.934	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5018	4.946	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.4948	4.937	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9766	9.811	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9838	9.804	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9662	9.859	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9660	9.782	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0098	9.776	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9782	9.780	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.480	14.80	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.470	14.70	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.459	14.73	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.462	14.66	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.494	15.00	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.533	15.93	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.926	19.41	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.962	19.73	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.961	19.87	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.928	19.47	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.009	19.72	PASS
Band71	20MHz	16QAM	133372	100RB#0	18.008	19.43	PASS

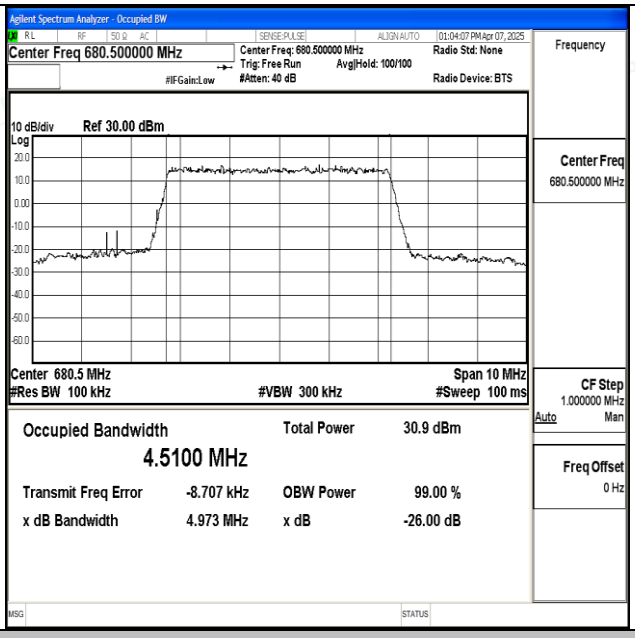
Test Graphs



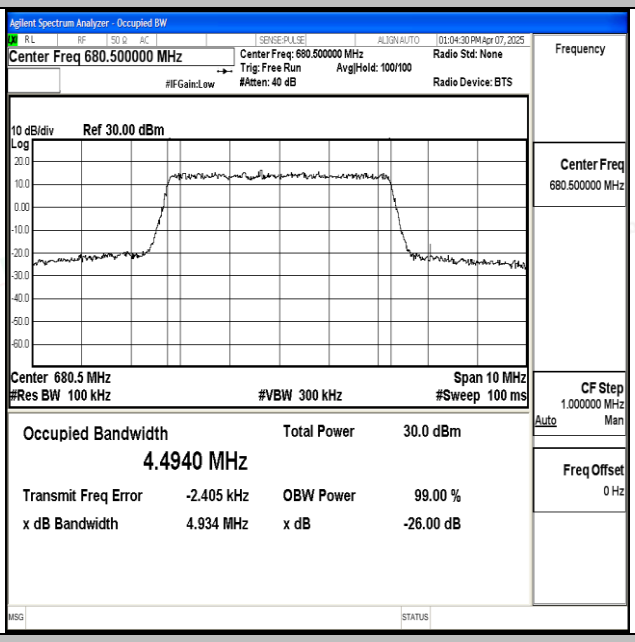
Band71-5MHz-QPSK-133147-25RB#0-PASS



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



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



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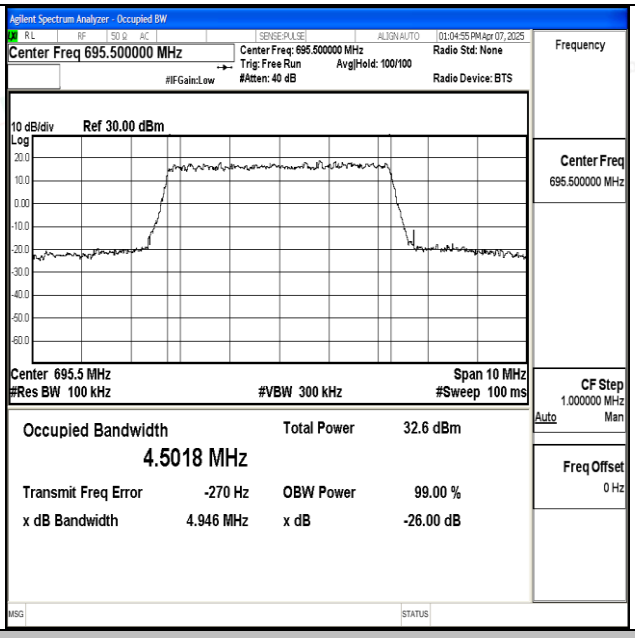
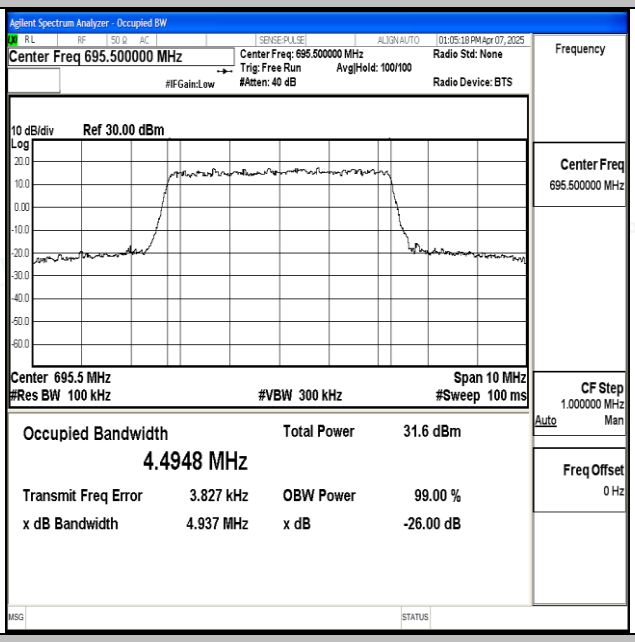
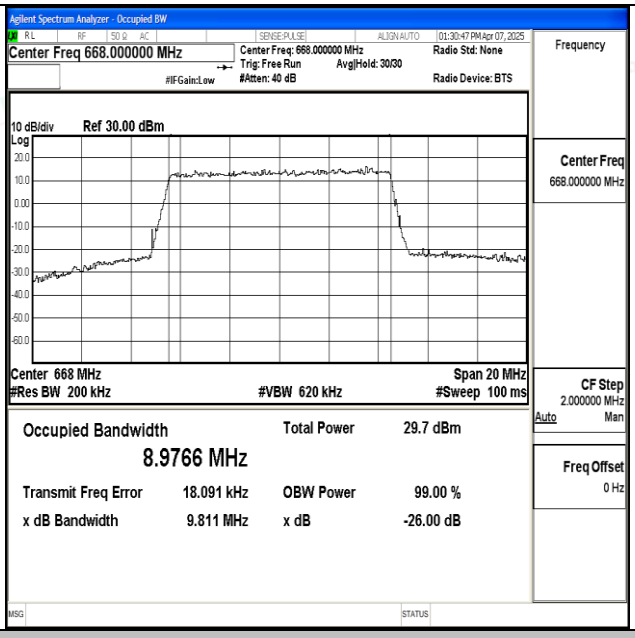


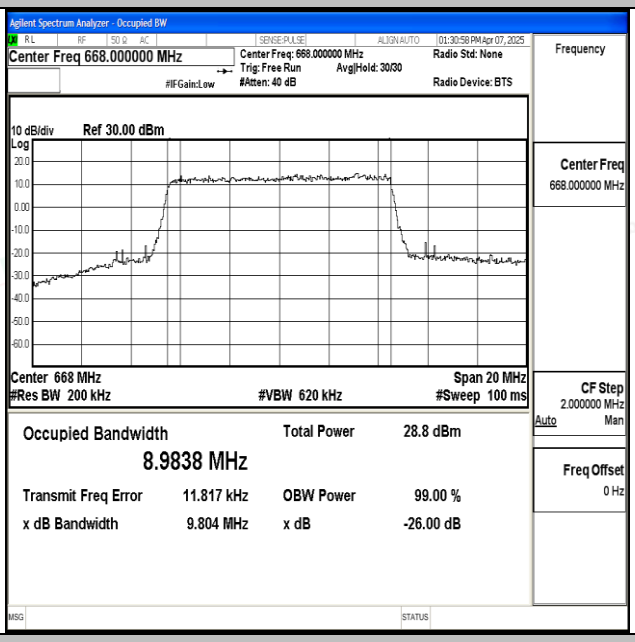
Band71-5MHz-QPSK-133447-25RB#0-PASS



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



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



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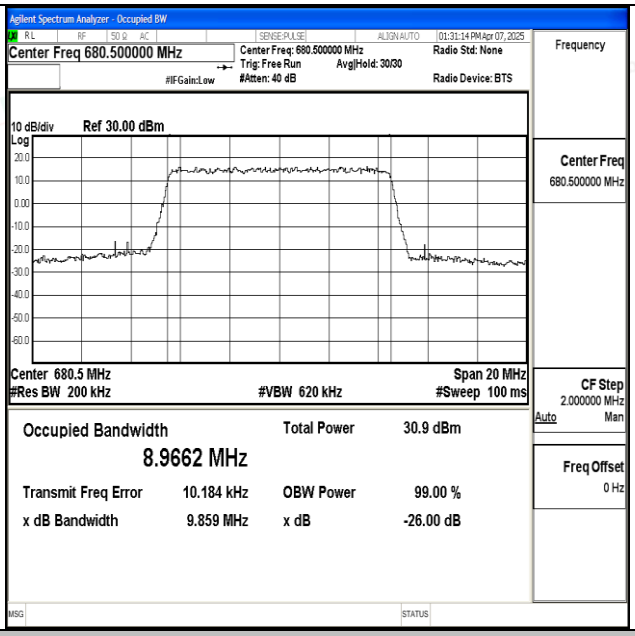

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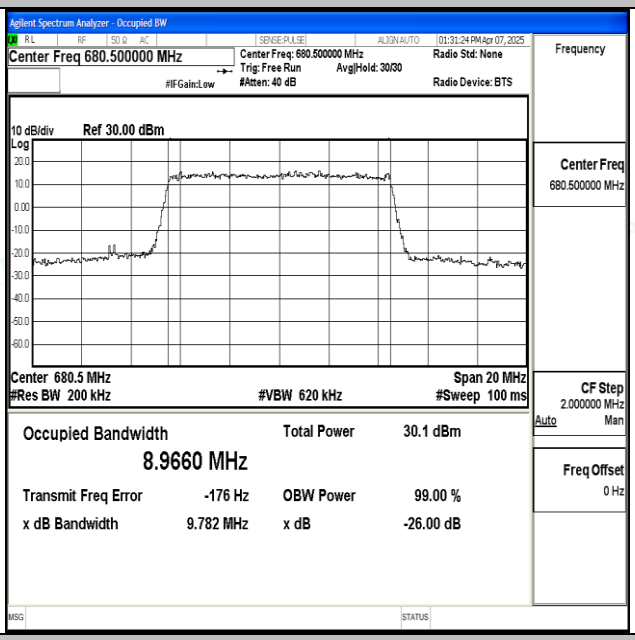
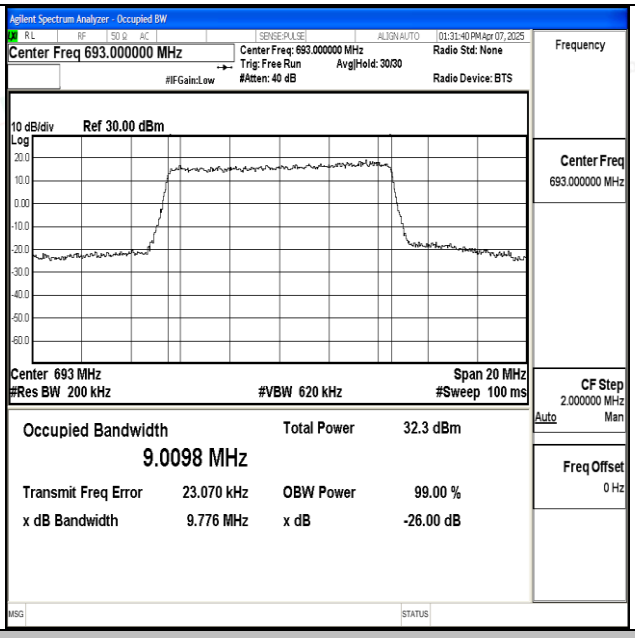
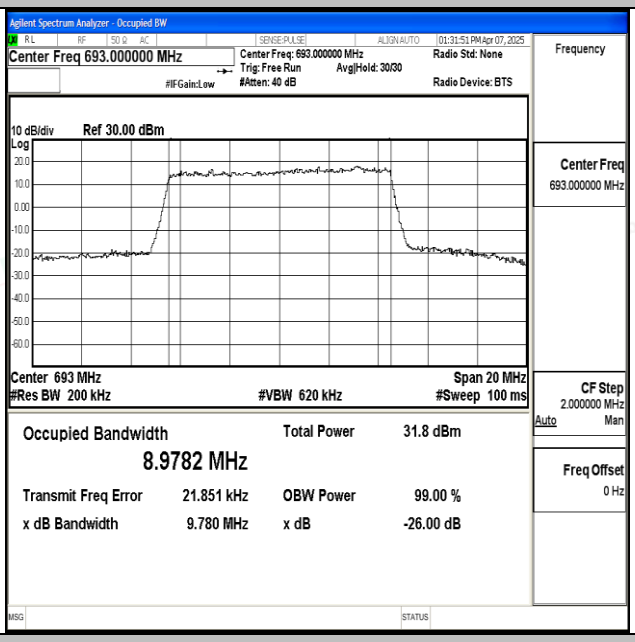


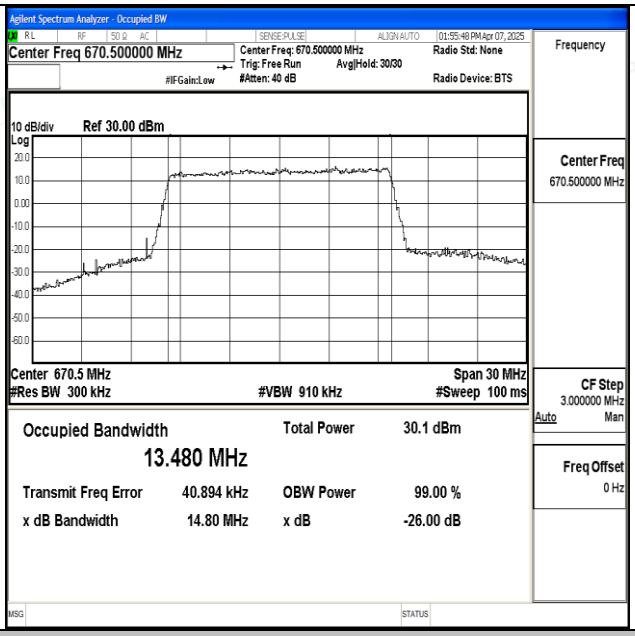
Band71-10MHz-16QAM-133297-50RB#0-PASS



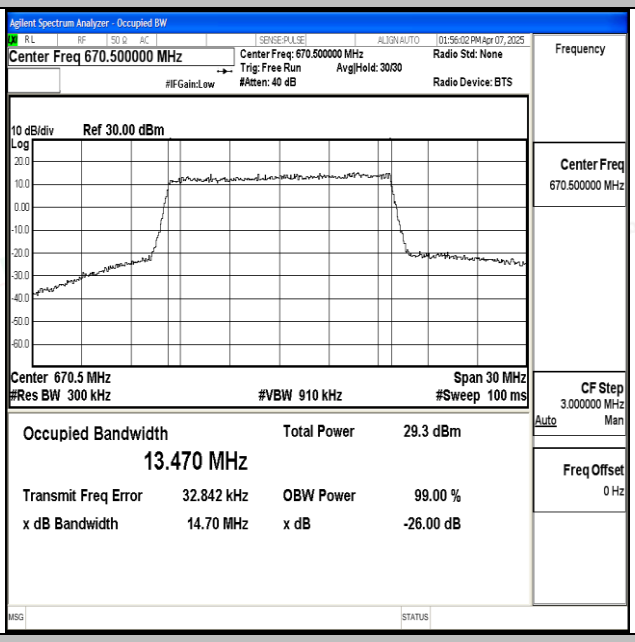
Band71-10MHz-QPSK-133422-50RB#0-PASS



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



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



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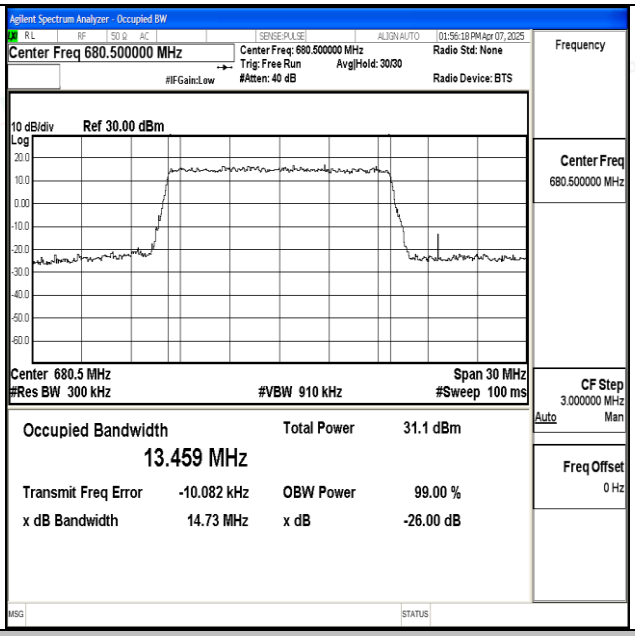
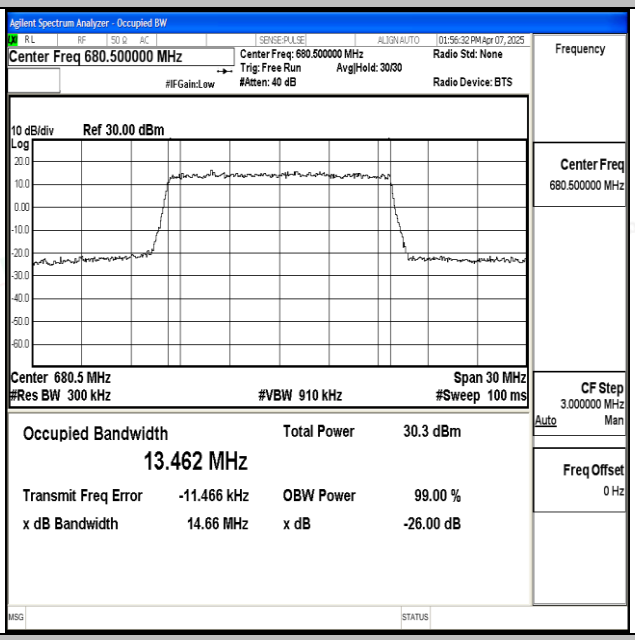
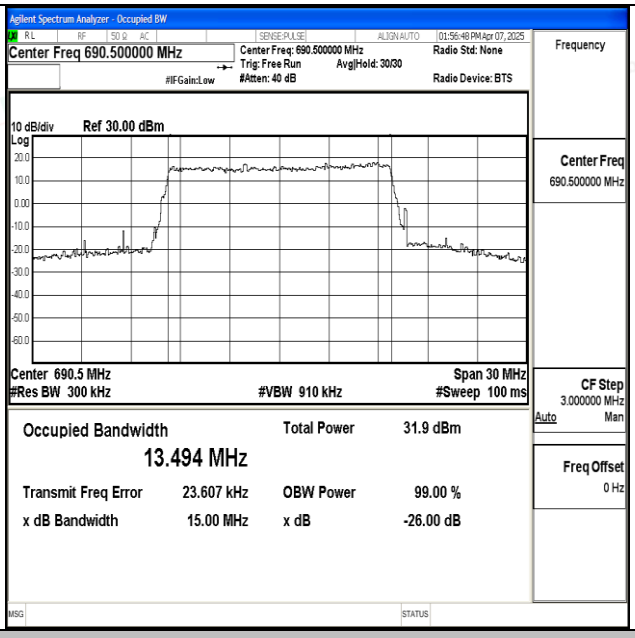


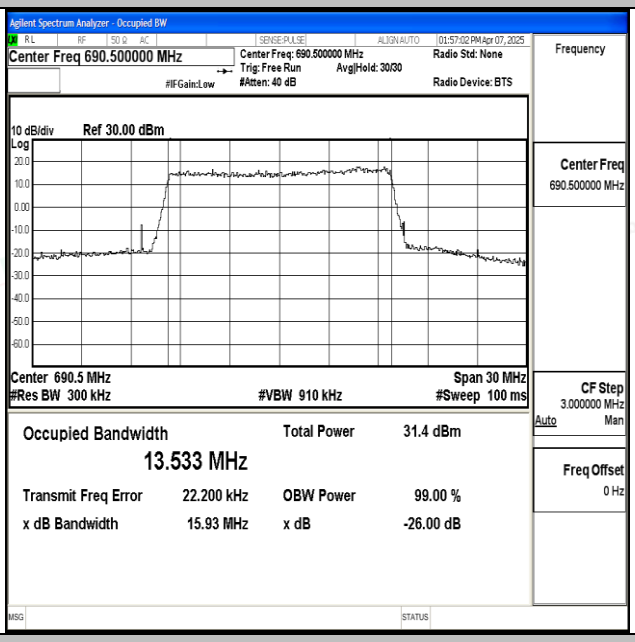
Band71-15MHz-QPSK-133297-75RB#0-PASS



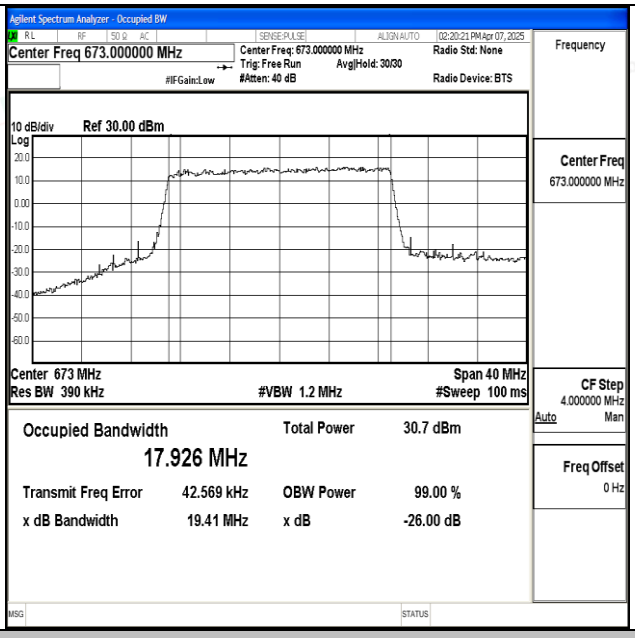
Band71-15MHz-16QAM-133297-75RB#0-PASS



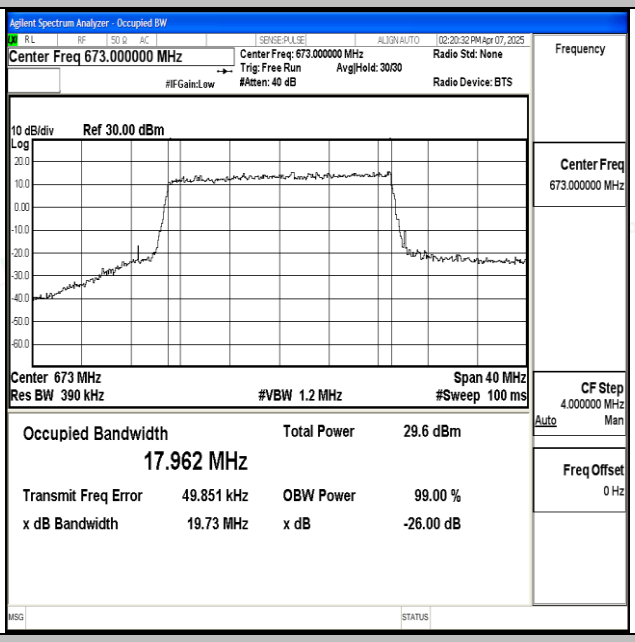
Band71-15MHz-QPSK-133397-75RB#0-PASS



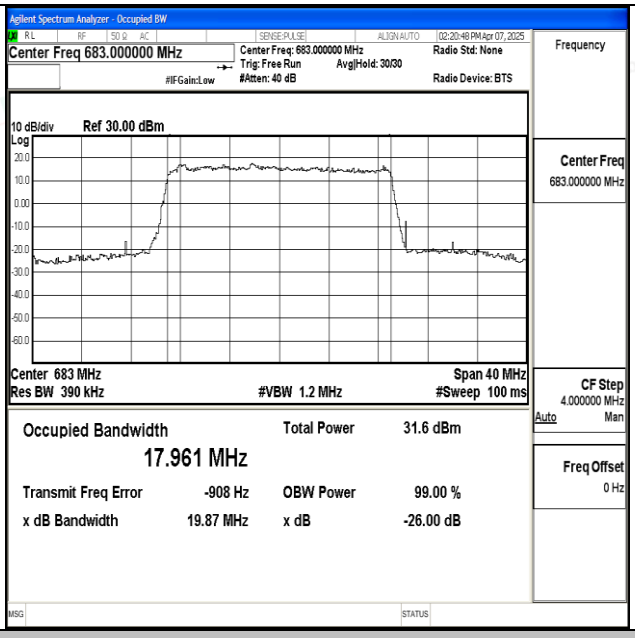
Band71-15MHz-16QAM-133397-75RB#0-PASS



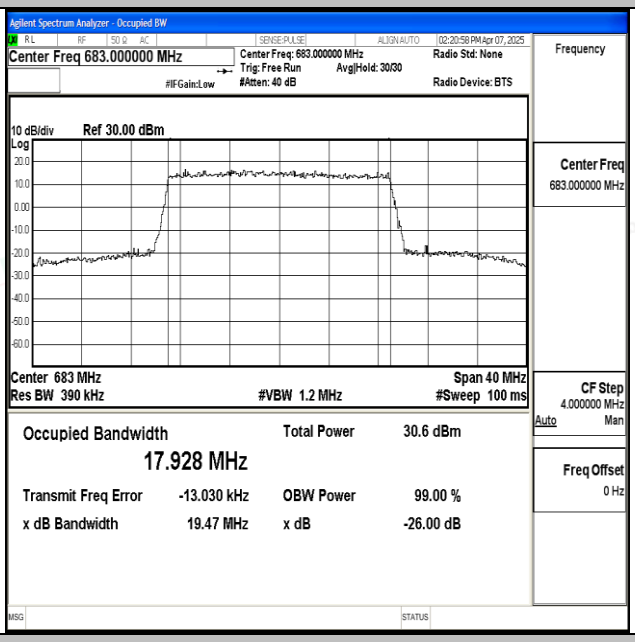
Band71-20MHz-QPSK-133222-100RB#0-PASS



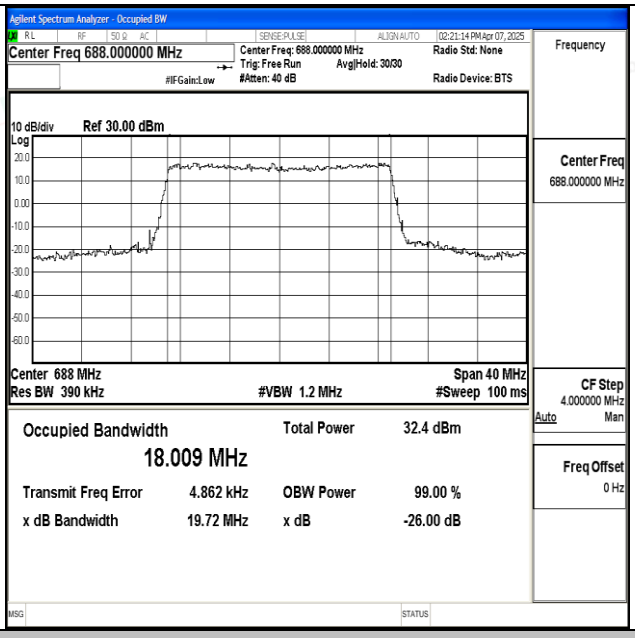
Band71-20MHz-16QAM-133222-100RB#0-PASS



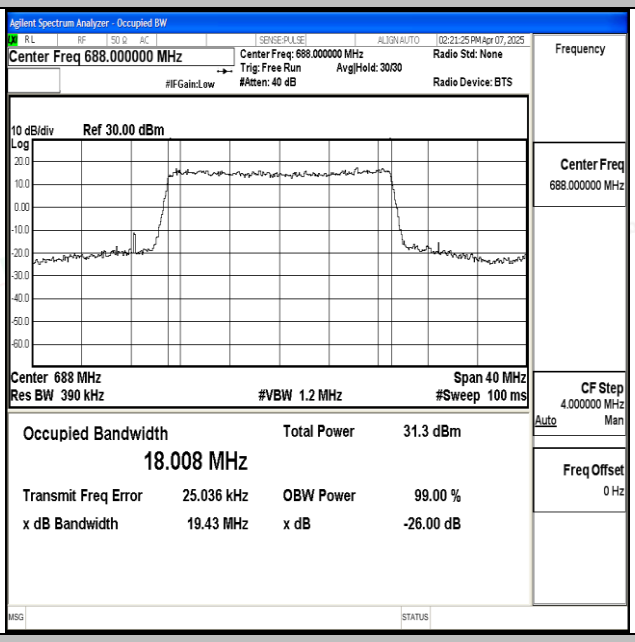
Band71-20MHz-QPSK-133322-100RB#0-PASS



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



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



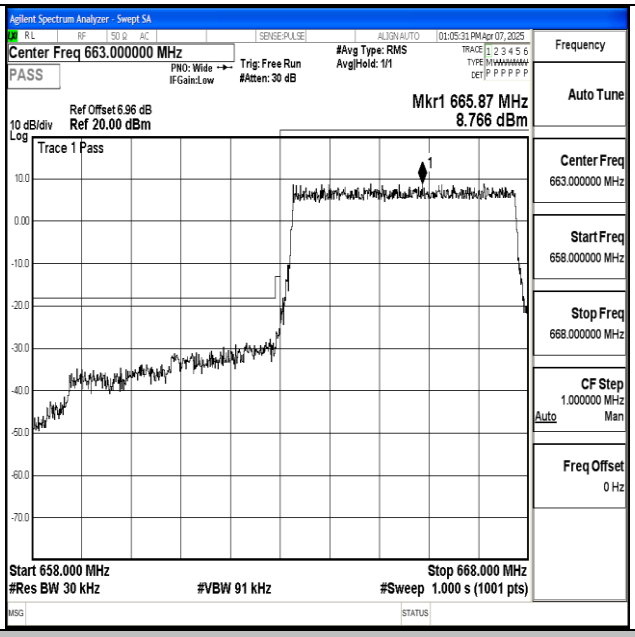
Band71-20MHz-16QAM-133372-100RB#0-PASS

P.4 Band Edge

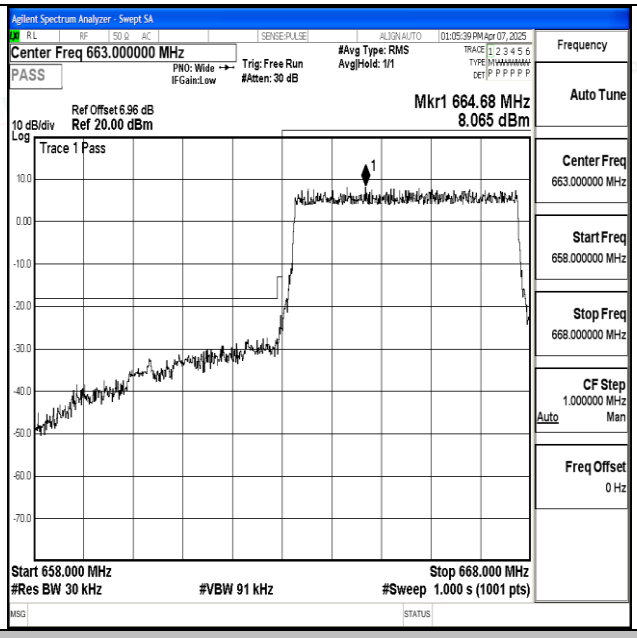
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	662.80	-27.90	PASS
Band71	5MHz	16QAM	133147	25RB#0	662.97	-22.16	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.24	-23.74	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.70	-21.90	PASS
Band71	10MHz	QPSK	133172	50RB#0	662.52	-31.89	PASS
Band71	10MHz	16QAM	133172	50RB#0	662.80	-30.21	PASS
Band71	10MHz	QPSK	133422	50RB#0	698.41	-25.93	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.22	-25.17	PASS
Band71	15MHz	QPSK	133197	75RB#0	661.90	-31.70	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.52	-31.87	PASS
Band71	15MHz	QPSK	133397	75RB#0	699.24	-23.14	PASS
Band71	15MHz	16QAM	133397	75RB#0	699.26	-26.14	PASS
Band71	20MHz	QPSK	133222	100RB#0	662.83	-31.77	PASS
Band71	20MHz	16QAM	133222	100RB#0	662.90	-31.60	PASS
Band71	20MHz	QPSK	133372	100RB#0	699.23	-28.57	PASS
Band71	20MHz	16QAM	133372	100RB#0	698.33	-28.54	PASS

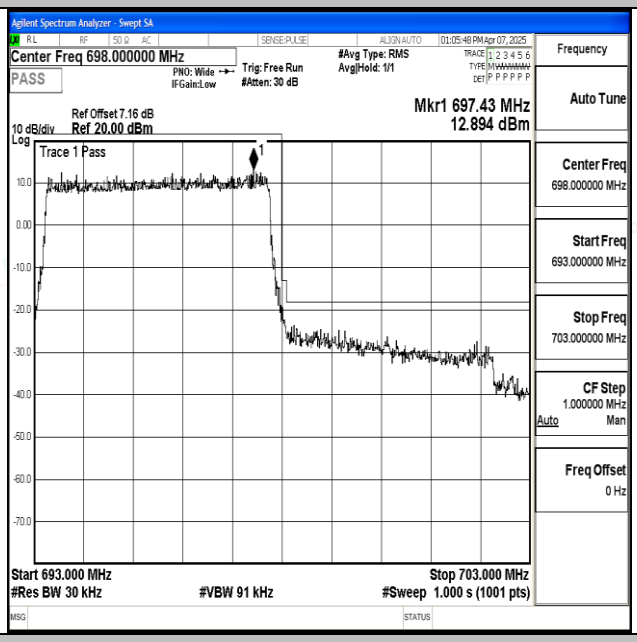
Test Graphs



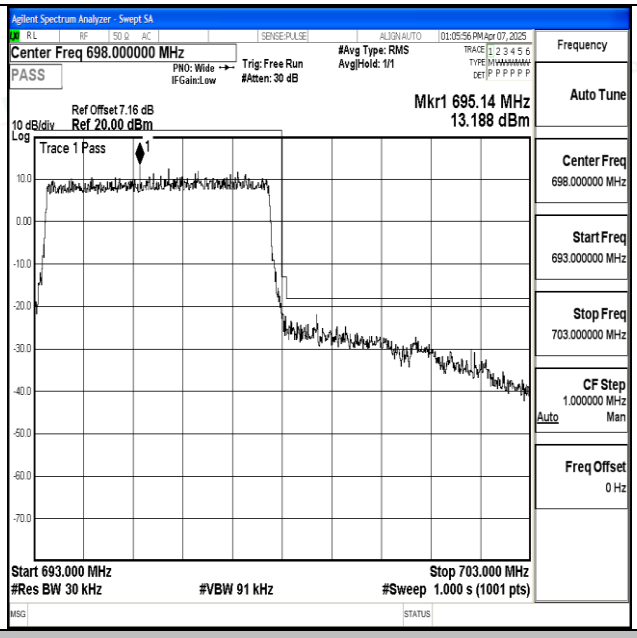
Band71_5MHz_QPSK_133147_25RB#0



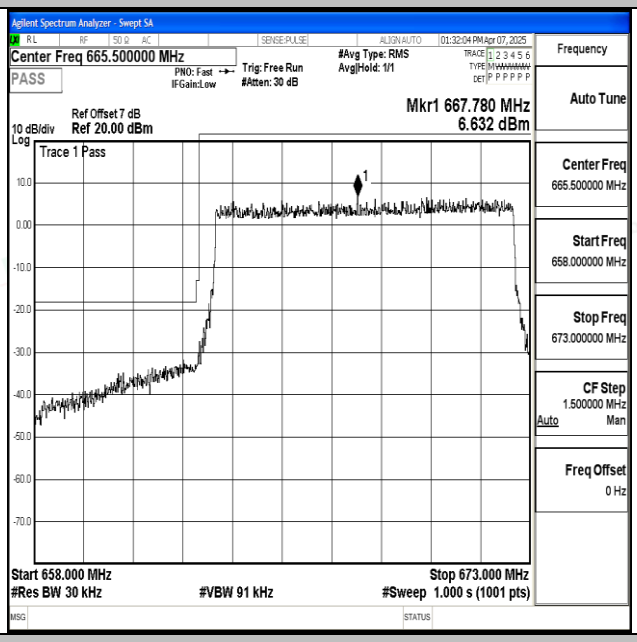
Band71_5MHz_16QAM_133147_25RB#0



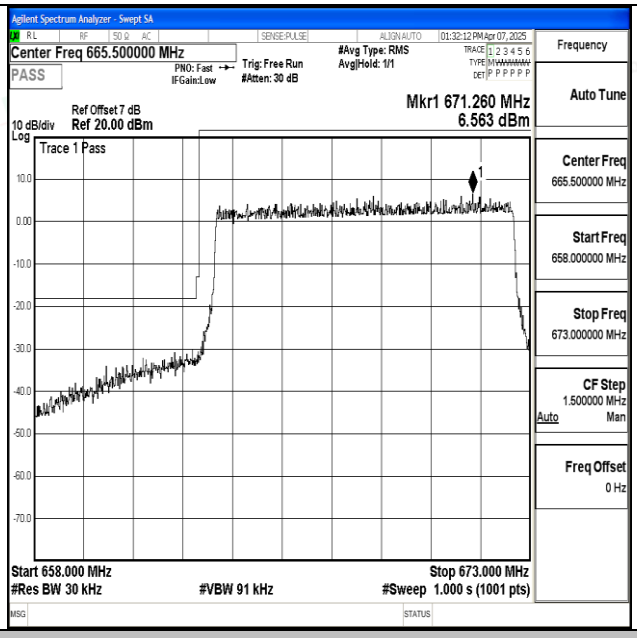
Band71_5MHz_QPSK_133447_25RB#0



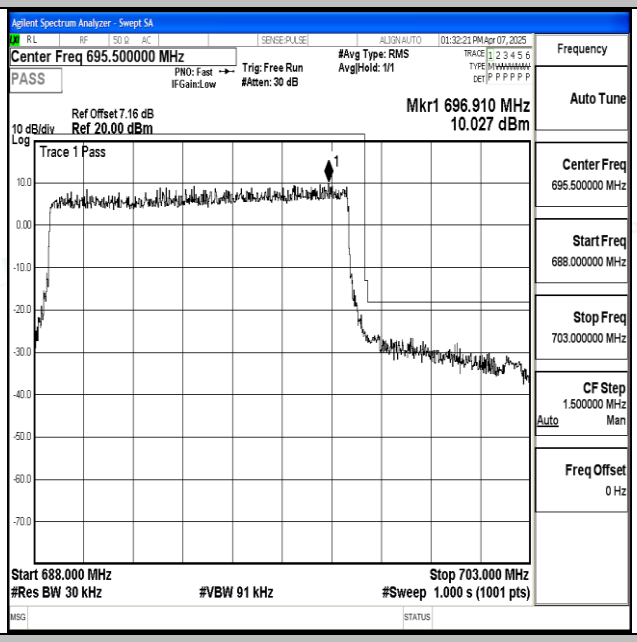
Band71_5MHz_16QAM_133447_25RB#0



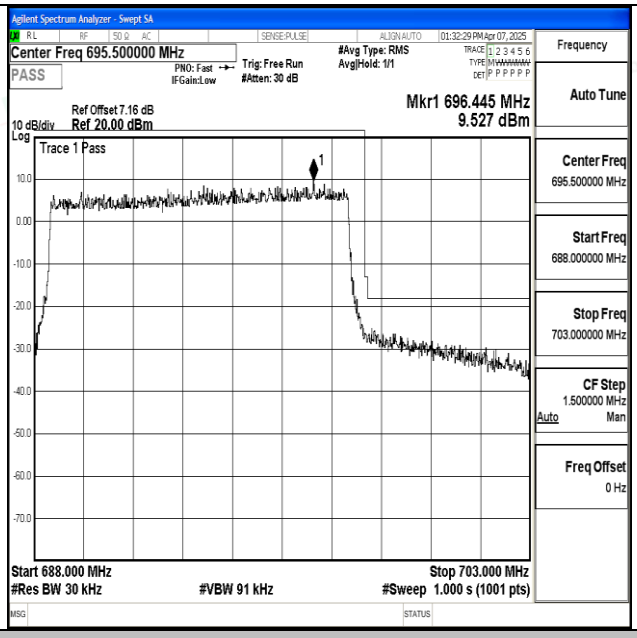
Band71_10MHz_QPSK_133172_50RB#0



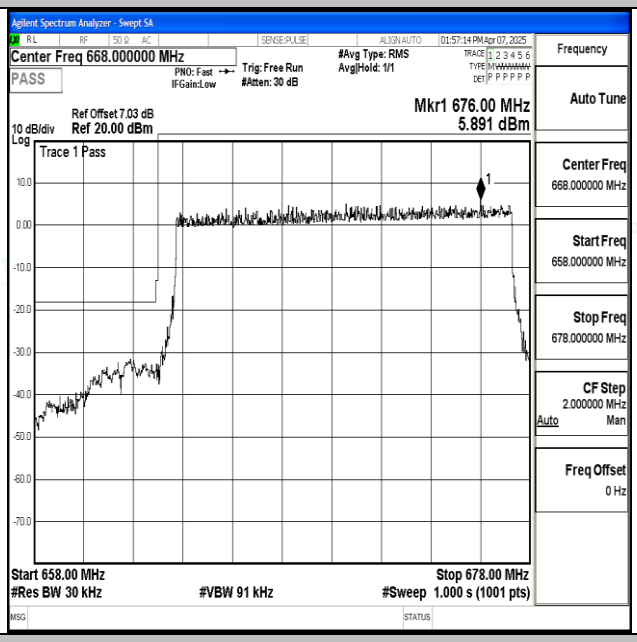
Band71_10MHz_16QAM_133172_50RB#0



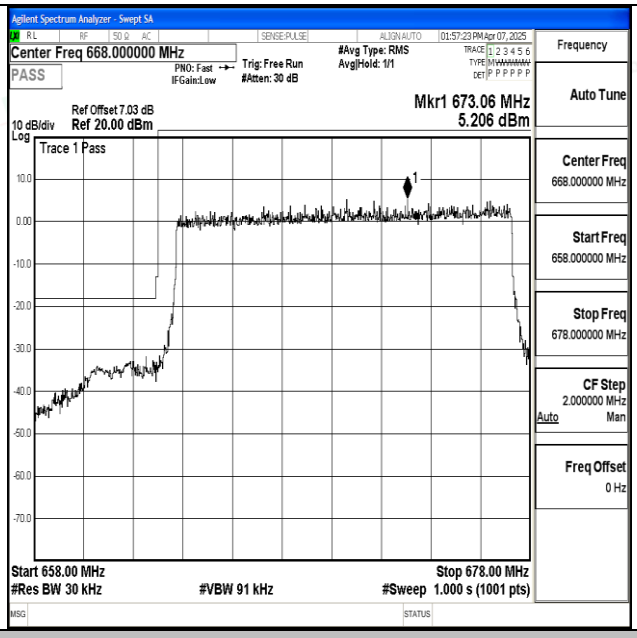
Band71_10MHz_QPSK_133422_50RB#0



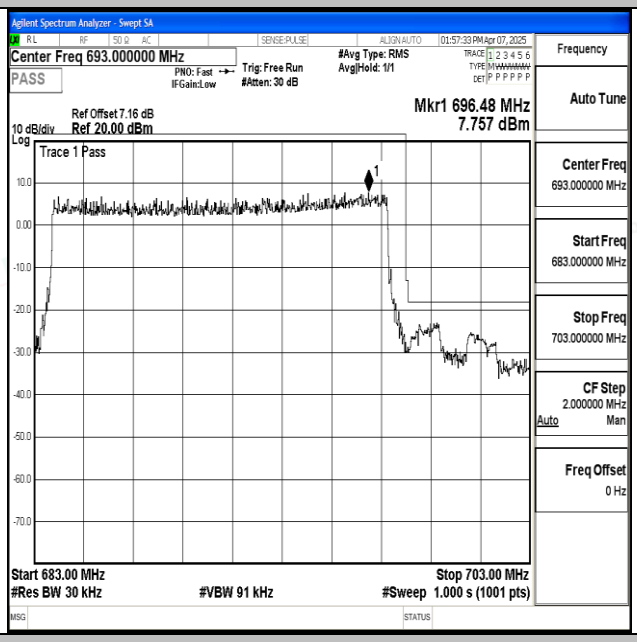
Band71_10MHz_16QAM_133422_50RB#0



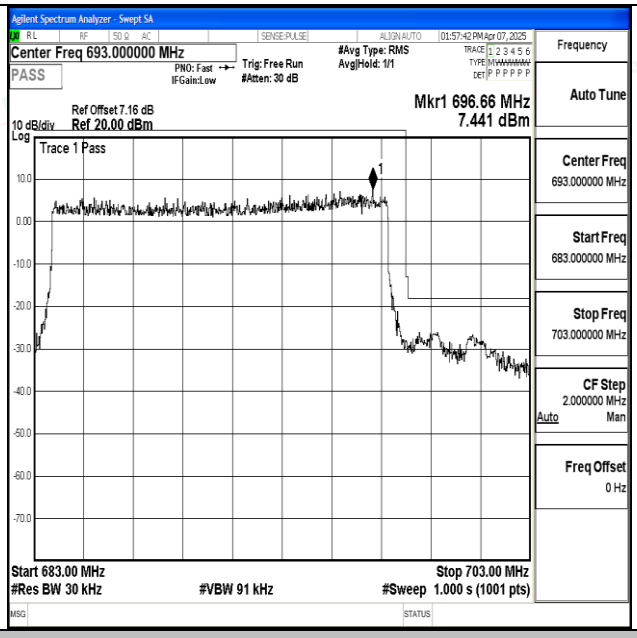
Band71_15MHz_QPSK_133197_75RB#0



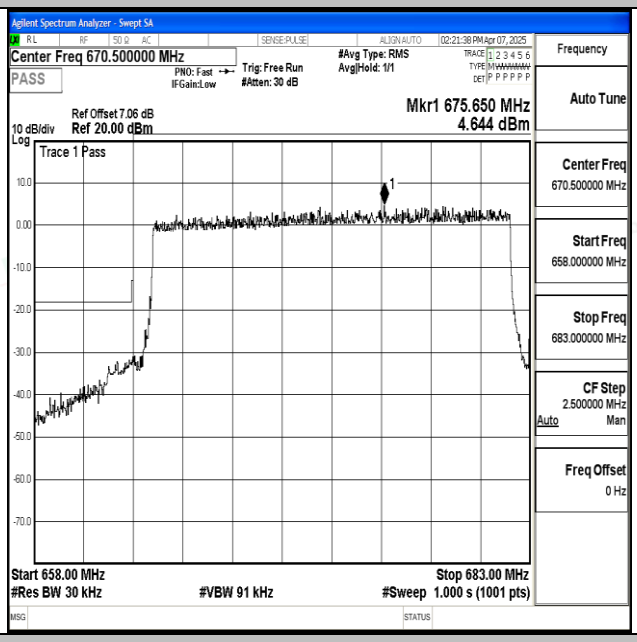
Band71_15MHz_16QAM_133197_75RB#0



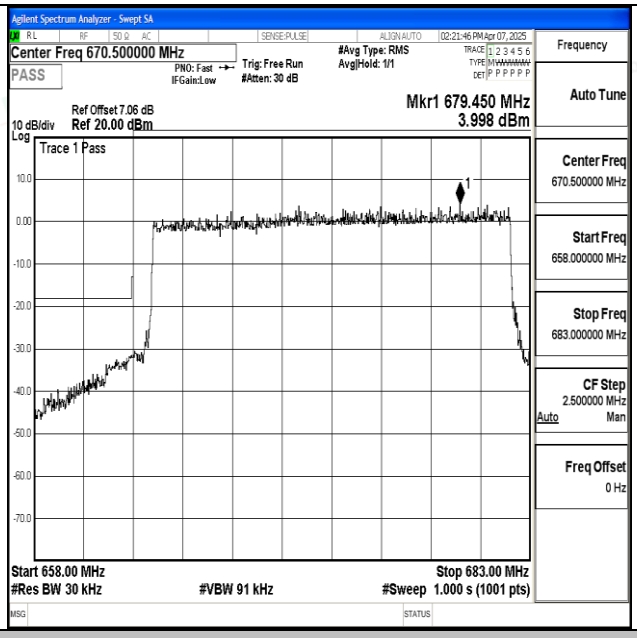
Band71_15MHz_QPSK_133397_75RB#0



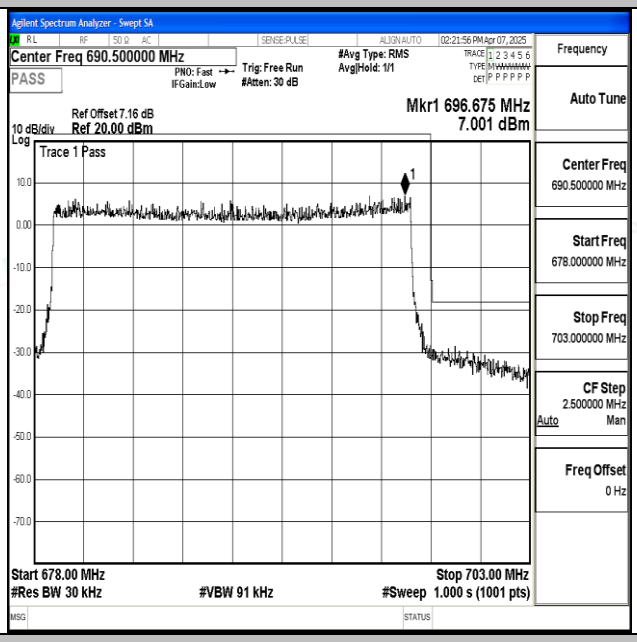
Band71_15MHz_16QAM_133397_75RB#0



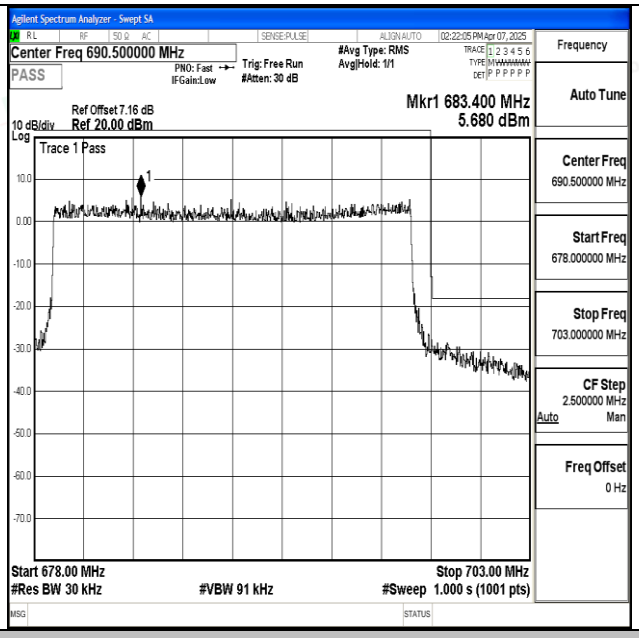
Band71_20MHz_QPSK_133222_100RB#0



Band71_20MHz_16QAM_133222_100RB#0



Band71_20MHz_QPSK_133372_100RB#0



Band71_20MHz_16QAM_133372_100RB#0

P.5 Conducted Spurious Emission

Test Result

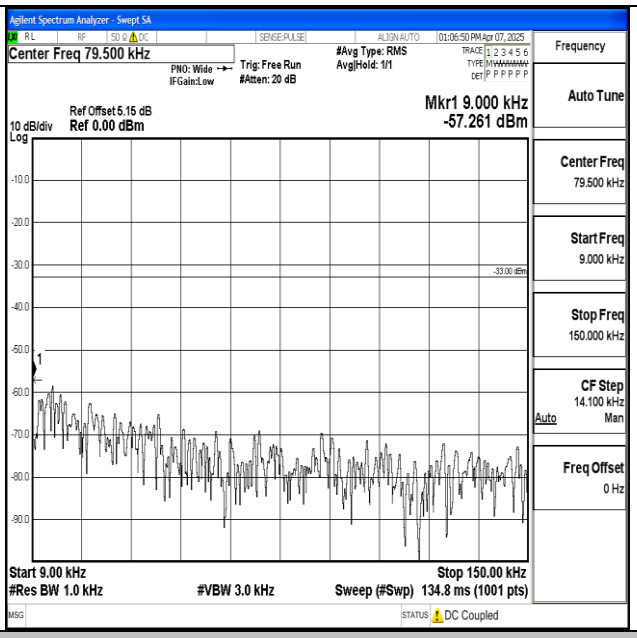
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-57.26	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-46.28	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-52.33	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-39.08	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-35.50	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-56.69	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-43.22	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-52.22	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-38.48	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-33.49	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-59.59	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-47.69	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-53.11	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-38.66	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-58.52	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-45.47	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-50.73	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-34.19	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-34.72	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-58.24	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-45.02	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-34.71	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-55.37	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-46.15	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-52.35	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-38.61	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-35.39	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-52.13	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-36.25	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-35.56	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-56.46	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-45.45	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-52.45	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-38.92	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-35.88	PASS

Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-56.47	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-47.53	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-52.70	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-38.76	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-57.96	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-45.22	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-52.53	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-39.31	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-34.08	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-56.84	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-46.41	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-52.57	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-36.48	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-35.47	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-60.58	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-45.36	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-52.89	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-36.03	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-35.29	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-56.68	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-43.94	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-52.69	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-38.80	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-35.76	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-53.16	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-46.78	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-52.94	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-38.81	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-56.43	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-45.26	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-52.82	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-38.72	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-34.98	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-57.82	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-35.27	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-59.37	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-44.91	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-51.91	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-38.01	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-35.40	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-35.22	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-59.96	PASS

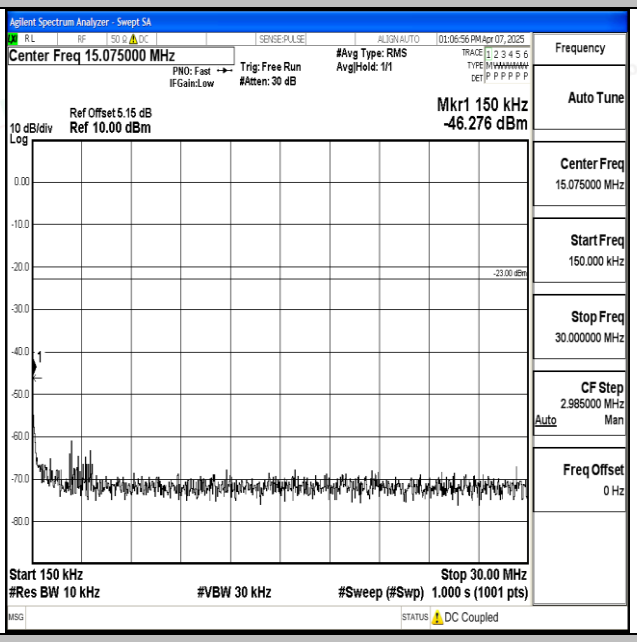
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-47.01	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-52.90	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-38.36	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-35.45	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-46.67	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-51.98	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-37.35	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-34.98	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-55.69	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-45.38	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-53.26	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-38.62	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-35.26	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-58.42	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-47.04	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-53.04	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-38.28	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-57.46	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-47.57	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-53.31	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-38.17	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-35.35	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-58.83	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-45.67	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-53.53	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-38.35	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-34.76	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-56.81	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-45.73	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-53.21	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-38.15	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-35.25	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-59.18	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-41.21	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-52.78	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-36.78	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-34.89	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-35.14	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-57.67	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-46.03	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-52.84	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-39.15	PASS

Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-34.95	PASS

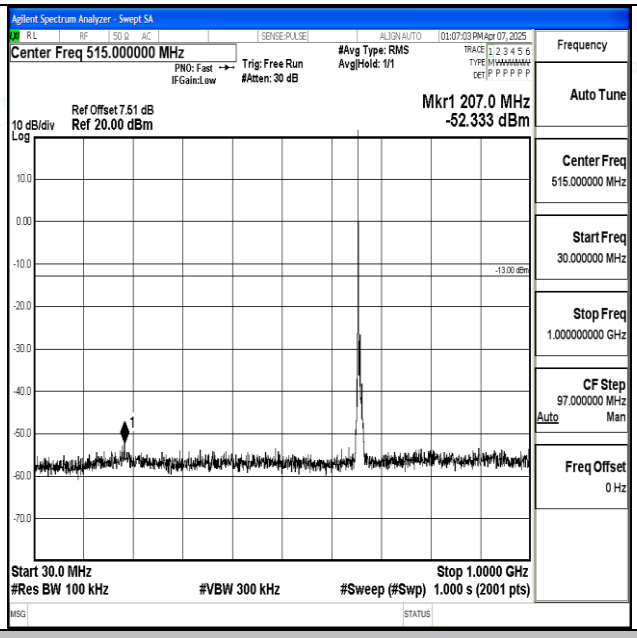
Test Graphs



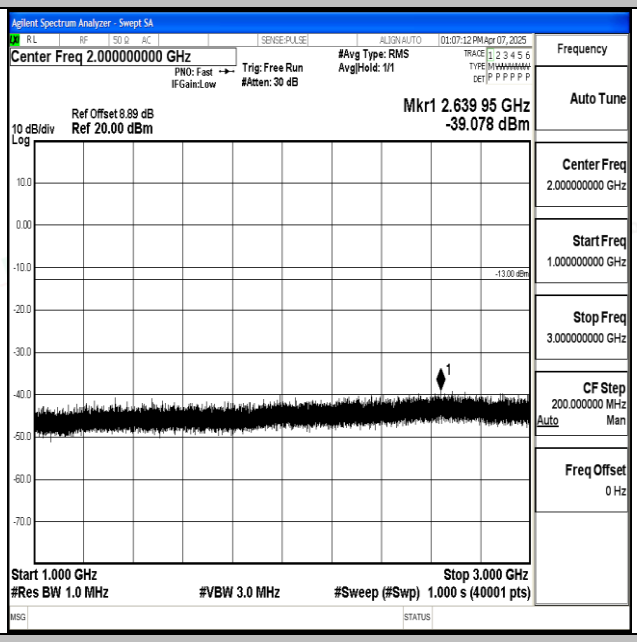
Band71_5MHz_QPSK_133147_1RB#0_0.009~0.15_0.009~0.15



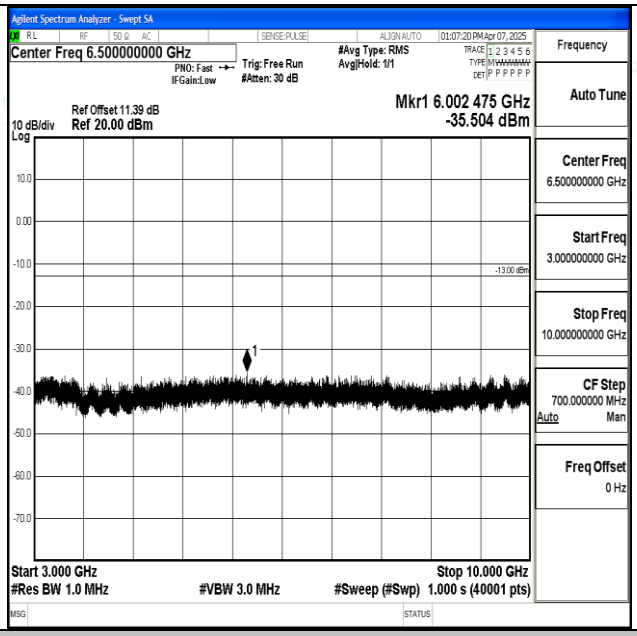
Band71_5MHz_QPSK_133147_1RB#0_0.15~30_0.15~30



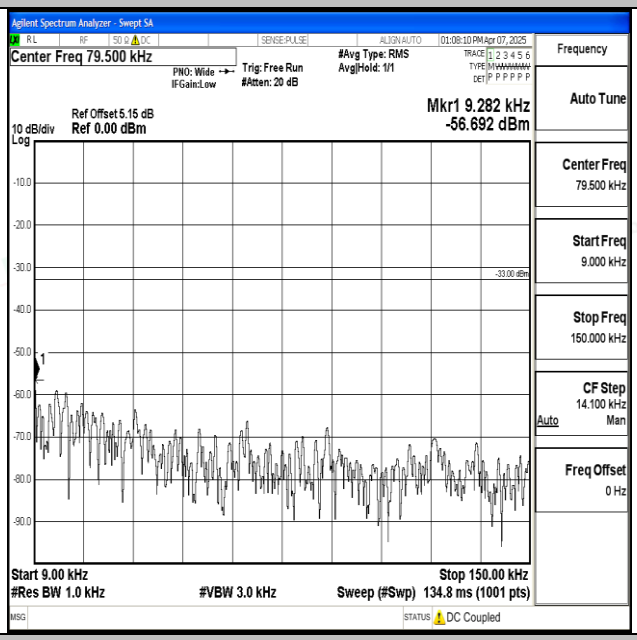
Band71_5MHz_QPSK_133147_1RB#0_30~1000_30~1000



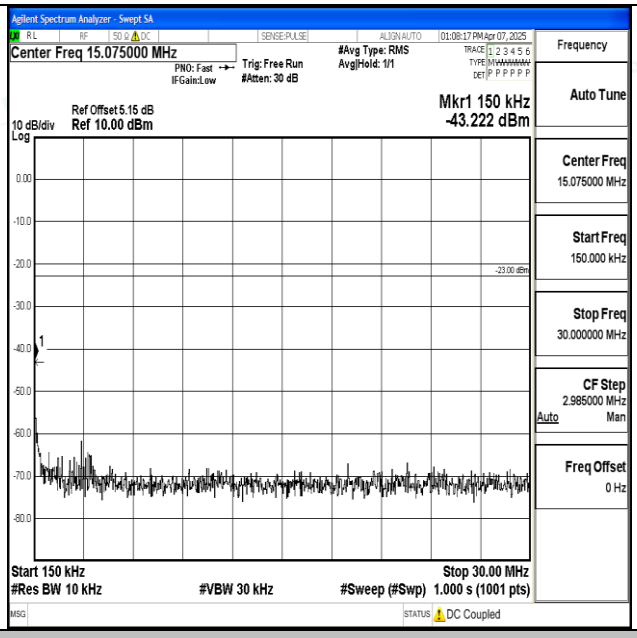
Band71_5MHz_QPSK_133147_1RB#0_1000~3000_1000~3000



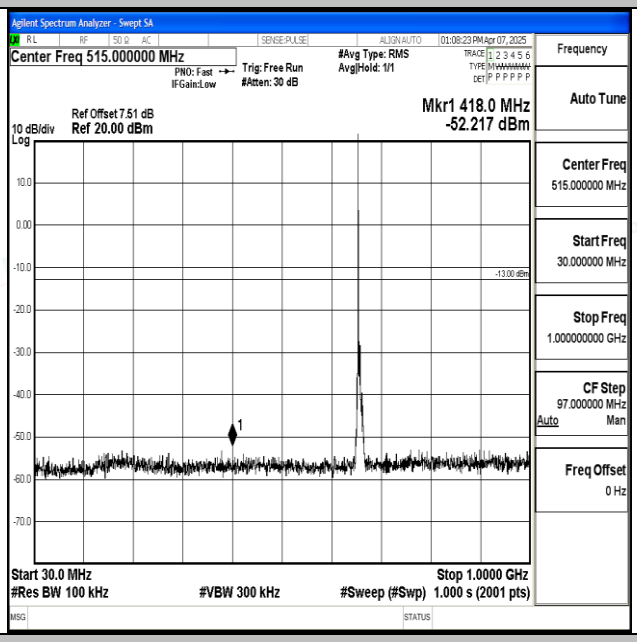
Band71_5MHz_QPSK_133147_1RB#0_3000~10000_3000~10000



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