Appendix O: Test Data for E-UTRA Band 71

Product Name: Fixed wireless phone

Test Model: HP15

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng

O.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.98	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.91	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.08	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.03	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.95	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.93	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.98	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.92	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.97	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.95	PASS
Band71	5MHz	QPSK	133147	12RB#13	22.00	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.97	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.01	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.00	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.90	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.00	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.97	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.15	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.81	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.99	PASS
Band71	5MHz	QPSK	133297	12RB#0	22.06	PASS
Band71	5MHz	16QAM	133297	12RB#0	21.01	PASS
Band71	5MHz	QPSK	133297	12RB#6	22.01	PASS
Band71	5MHz	16QAM	133297	12RB#6	21.01	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.95	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.99	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.03	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.97	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.92	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.87	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.05	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.92	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.90	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.82	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.97	PASS
Band71	5MHz	16QAM	133447	12RB#0	20.95	PASS

Band71	5MHz	QPSK	133447	12RB#6	21.97	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.97	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.89	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.92	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.94	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.97	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.01	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.91	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.06	PASS
Band71	10MHz	16QAM	133172	1RB#24	21.78	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.75	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.44	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.64	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.77	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.78	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.79	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.99	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.90	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.75	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.84	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.55	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.58	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.69	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.60	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.51	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.54	PASS
Band71	10MHz	QPSK	133297	25RB#0	21.63	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.63	PASS
Band71	10MHz	QPSK	133297	25RB#12	21.93	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.68	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.98	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.65	PASS
Band71	10MHz	QPSK	133297	50RB#0	21.71	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.00	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.56	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.44	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.65	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.63	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.49	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.33	PASS
Band71	10MHz	QPSK	133422	25RB#0	21.65	PASS
Band71	10MHz	16QAM	133422	25RB#0	20.67	PASS

Band71	10MHz	QPSK	133422	25RB#12	21.87	PASS
Band71	10MHz	16QAM	133422	25RB#12	20.64	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.58	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.72	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.93	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.88	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.11	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.99	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.16	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.87	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.07	PASS
Band71	15MHz	QPSK	133197	38RB#0	22.01	PASS
Band71	15MHz	16QAM	133197	38RB#0	22.02	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.14	PASS
Band71	15MHz	16QAM	133197	38RB#18	22.07	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.08	PASS
Band71	15MHz	16QAM	133197	38RB#37	22.08	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.06	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.01	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.08	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.02	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.89	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.75	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.89	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.98	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.94	PASS
Band71	15MHz	QPSK	133297	38RB#18	21.86	PASS
Band71	15MHz	16QAM	133297	38RB#18	22.02	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.85	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.70	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.10	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.04	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.81	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.90	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.72	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.14	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.63	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.71	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.70	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.93	PASS

Band71	15MHz	QPSK	133397	38RB#18	21.96	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.72	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.77	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.56	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.96	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.97	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.81	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.99	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.16	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.23	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.82	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.90	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.97	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.96	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.97	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.97	PASS
Band71	20MHz	QPSK	133222	50RB#50	22.00	PASS
Band71	20MHz	16QAM	133222	50RB#50	21.02	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.01	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.95	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.84	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.73	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.09	PASS
Band71	20MHz	16QAM	133322	1RB#49	21.91	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.59	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.20	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.21	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.22	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.22	PASS
Band71	20MHz	16QAM	133322	50RB#25	21.22	PASS
Band71	20MHz	QPSK	133322	50RB#50	22.07	PASS
Band71	20MHz	16QAM	133322	50RB#50	21.12	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.07	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.16	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.82	PASS
Band71	20MHz	16QAM	133372	1RB#0	21.37	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.21	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.90	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.52	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.45	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.04	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.12	PASS

Band71	20MHz	QPSK	133372	50RB#25	22.14	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.16	PASS
Band71	20MHz	QPSK	133372	50RB#50	22.06	PASS
Band71	20MHz	16QAM	133372	50RB#50	21.05	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.09	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.07	PASS

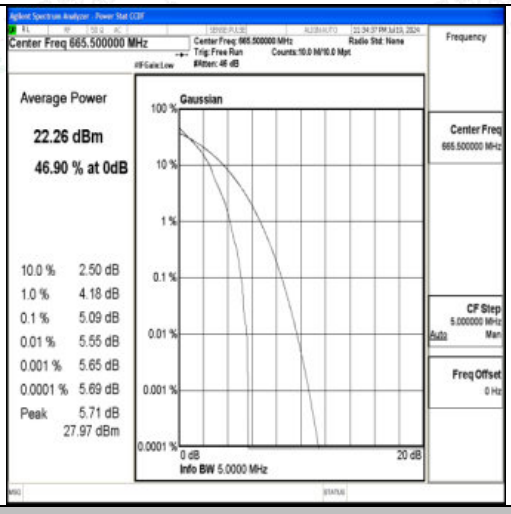
O.2 Peak-to-Average Ratio(CCDF)

Test Result

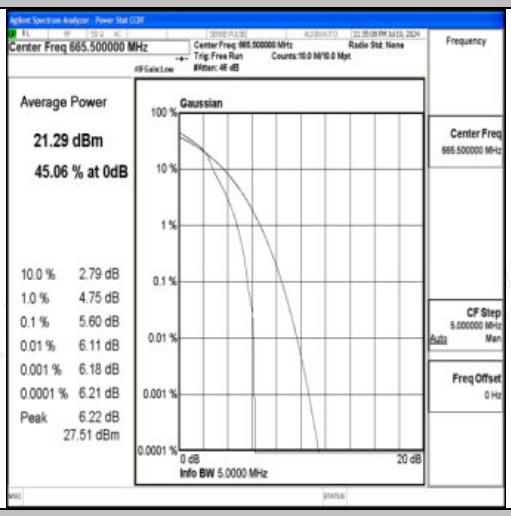
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	5.09	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.60	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.64	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.26	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.56	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.95	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.73	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.31	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.52	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.89	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.67	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.27	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	5.00	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.88	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.73	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.29	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.31	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.27	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.68	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.34	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.45	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	6.32	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.73	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.36	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	5.02	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.91	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.88	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.32	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.30	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	6.18	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.95	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.38	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.38	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.99	13	PASS
Band71	15MHz	16QAM	133397	75RB#0	6.41	13	PASS

Band71	20MHz	QPSK	133222	1RB#0	4.98	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.62	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.60	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.29	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.14	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.77	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.63	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.33	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.48	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.30	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.72	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.34	13	PASS

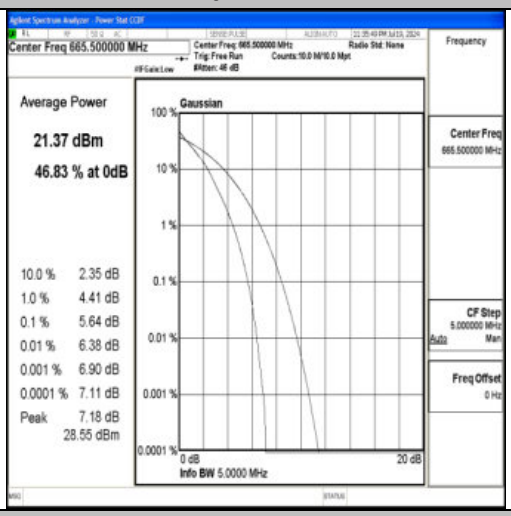
Test Graphs



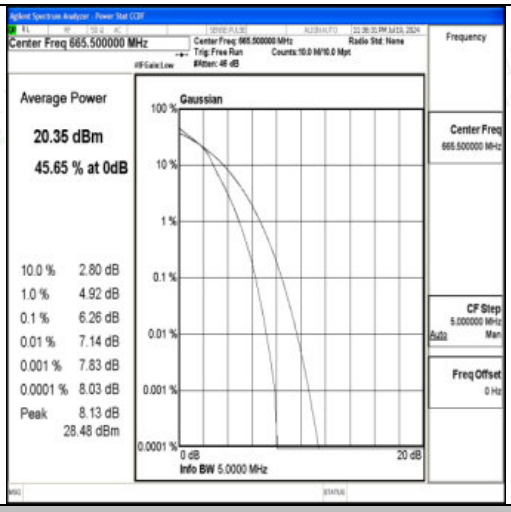
Band71-5MHz-QPSK-133147-1RB#0-PASS



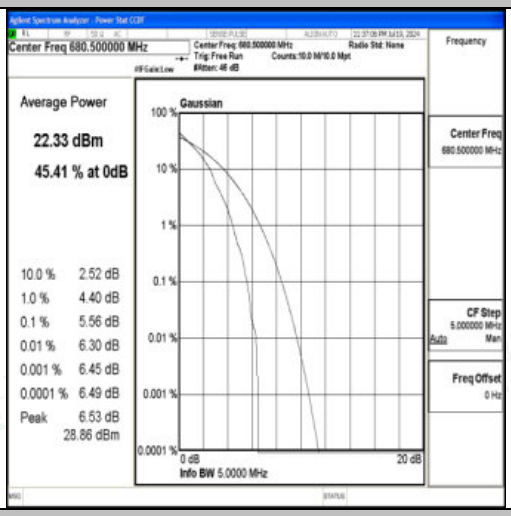
Band71-5MHz-16QAM-133147-1RB#0-PASS



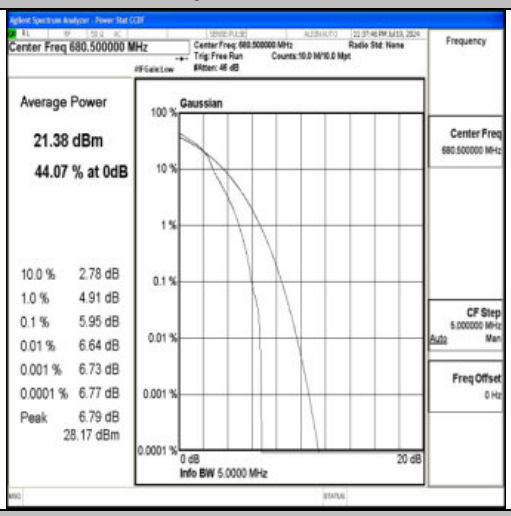
Band71-5MHz-QPSK-133147-25RB#0-PASS



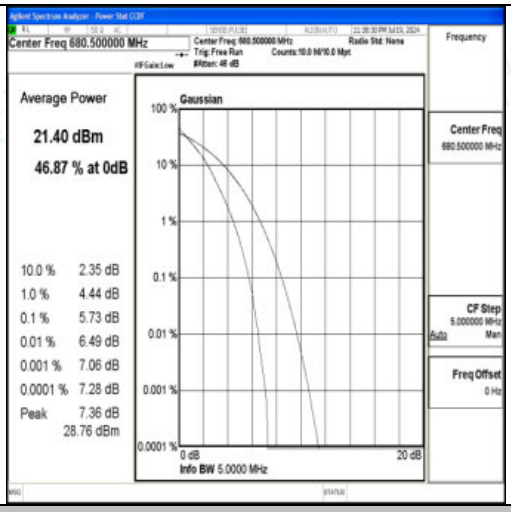
Band71-5MHz-16QAM-133147-25RB#0-PASS



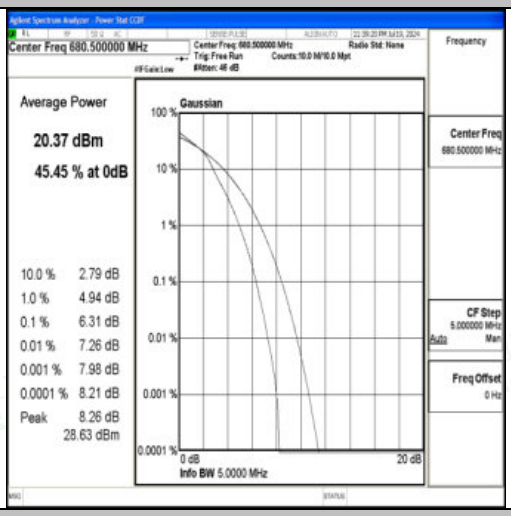
Band71-5MHz-QPSK-133297-1RB#0-PASS



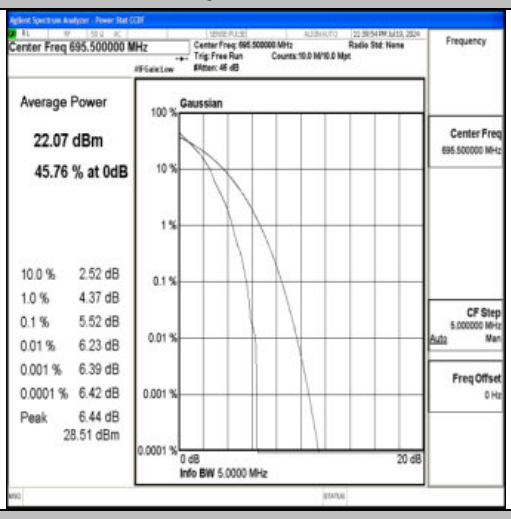
Band71-5MHz-16QAM-133297-1RB#0-PASS



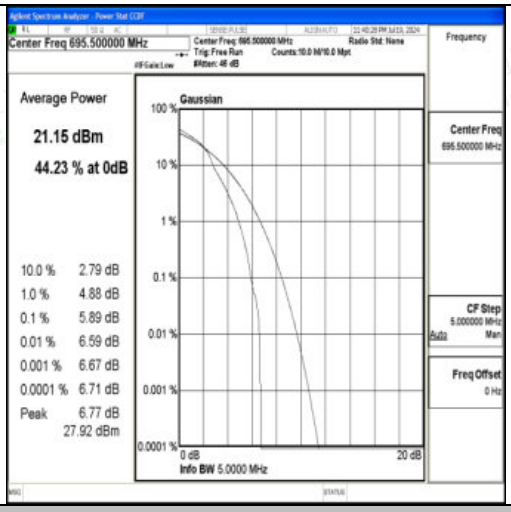
Band71-5MHz-QPSK-133297-25RB#0-PASS



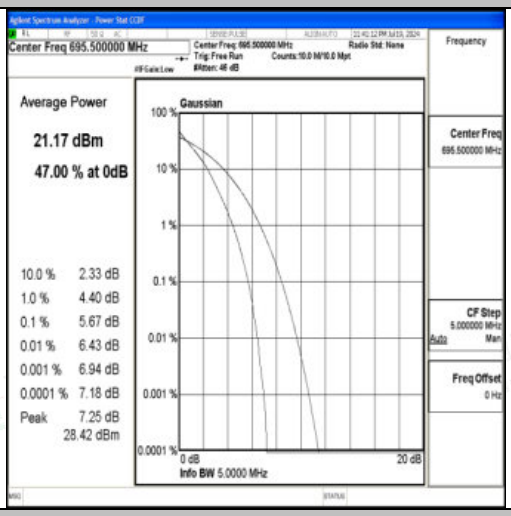
Band71-5MHz-16QAM-133297-25RB#0-PASS



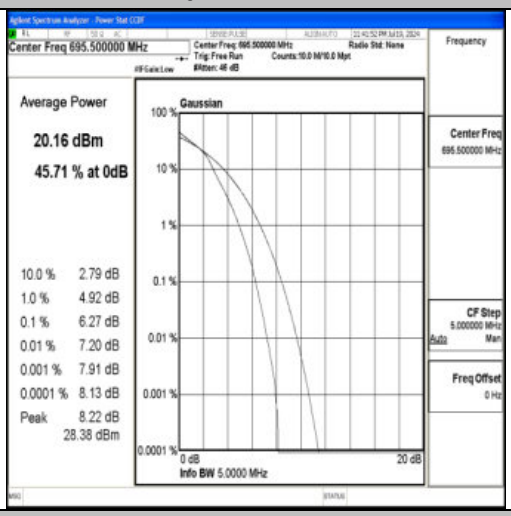
Band71-5MHz-QPSK-133447-1RB#0-PASS



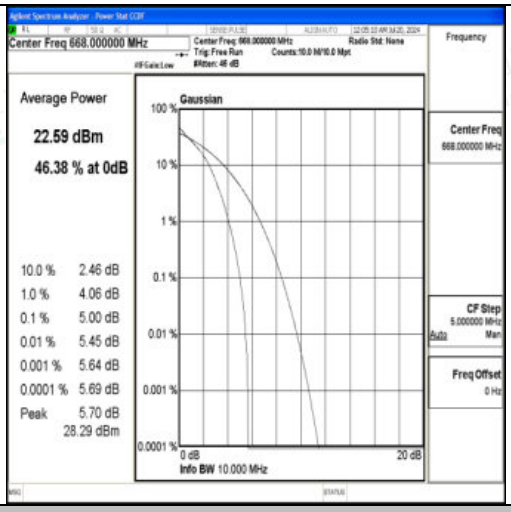
Band71-5MHz-16QAM-133447-1RB#0-PASS



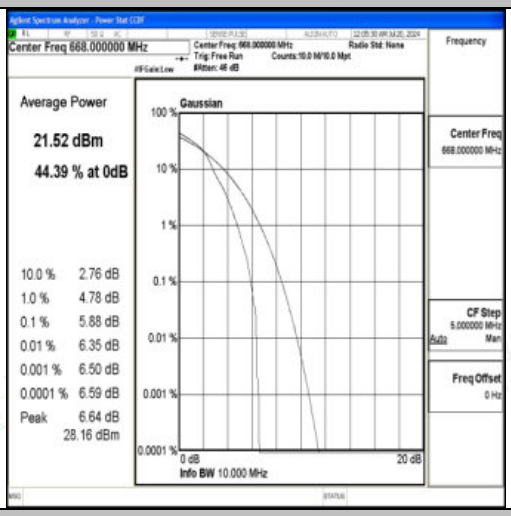
Band71-5MHz-QPSK-133447-25RB#0-PASS



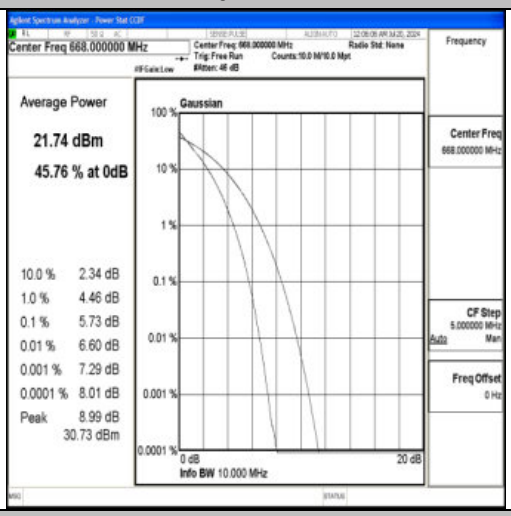
Band71-5MHz-16QAM-133447-25RB#0-PASS



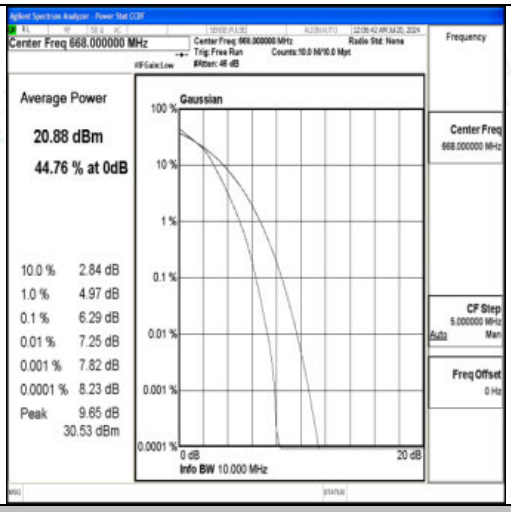
Band71-10MHz-QPSK-133172-1RB#0-PASS



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



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



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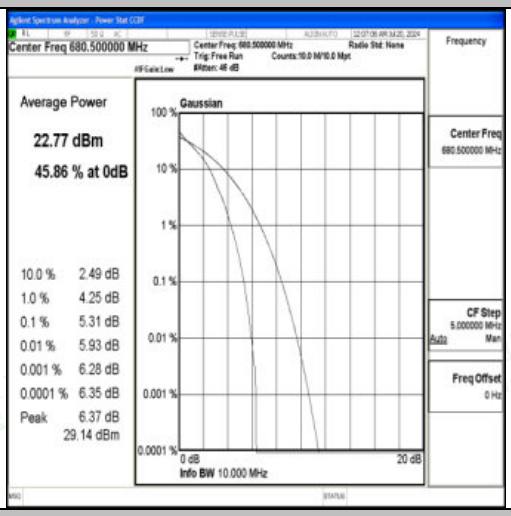
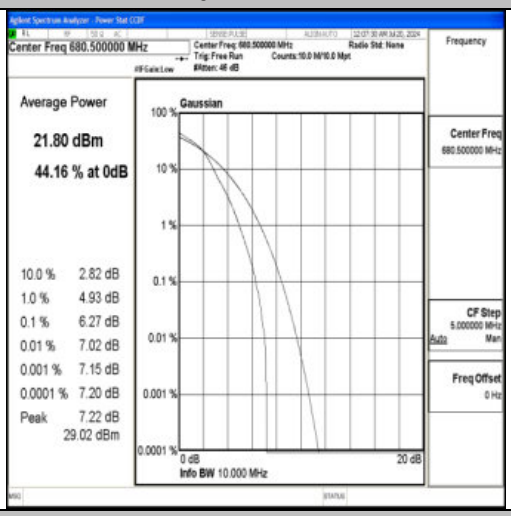


Band71-10MHz-QPSK-133297-1RB#0-PASS



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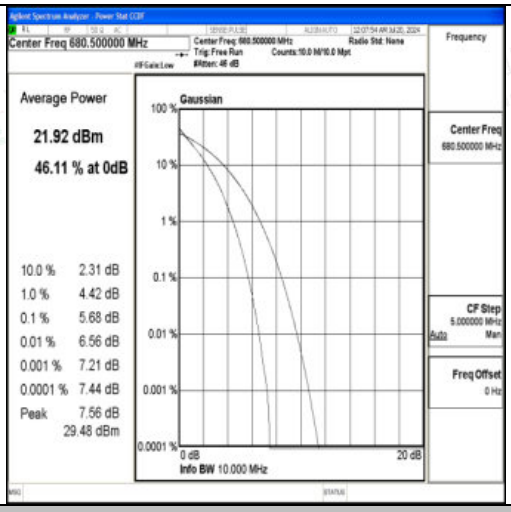
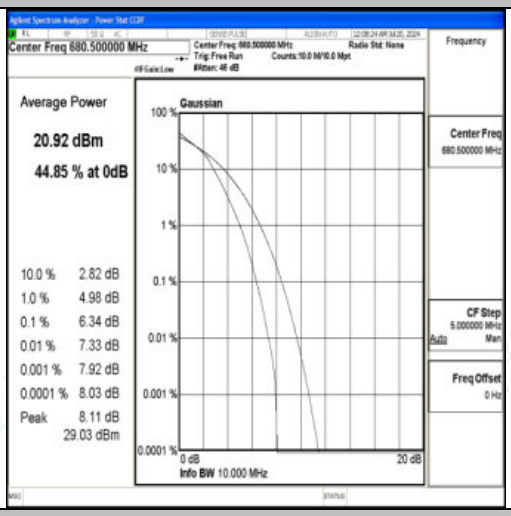
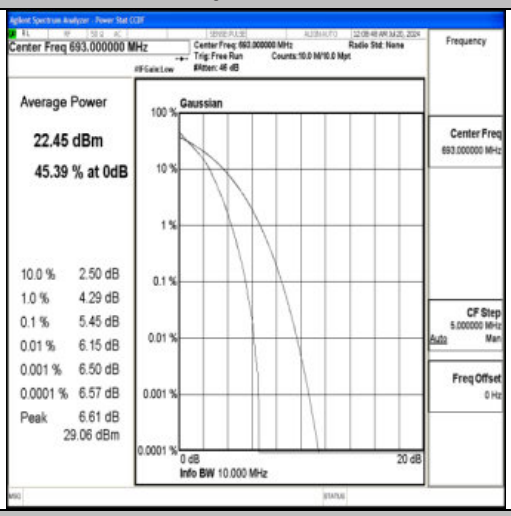


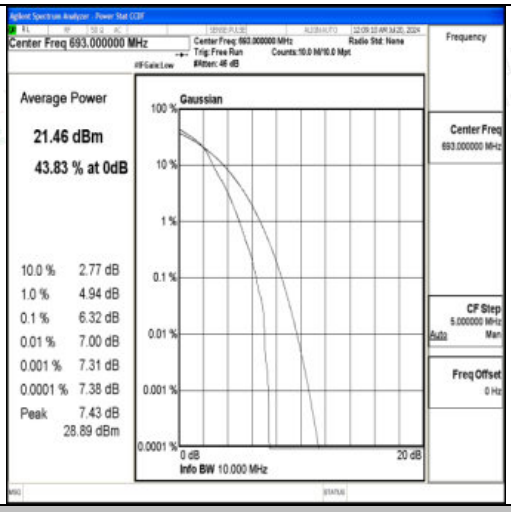
Band71-10MHz-QPSK-133297-50RB#0-PASS



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



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



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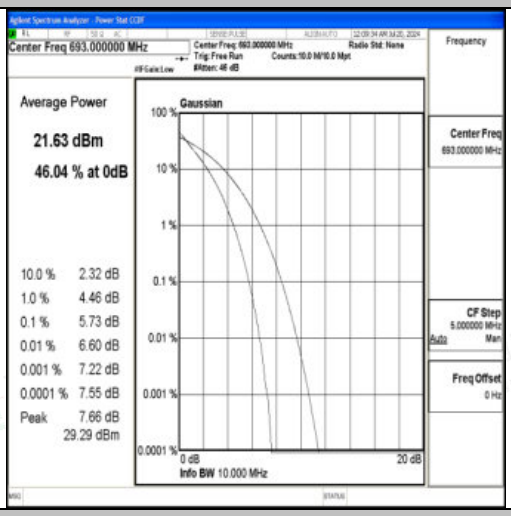

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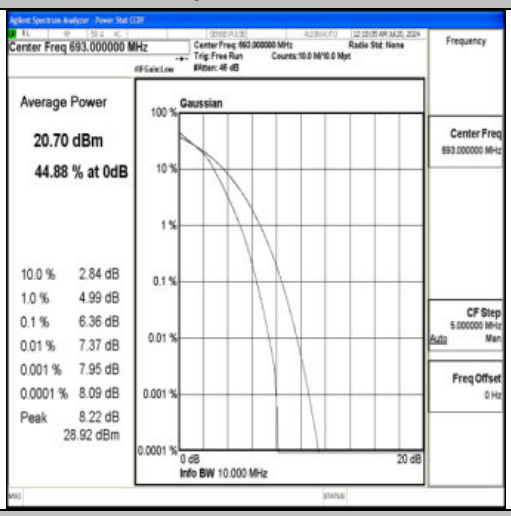

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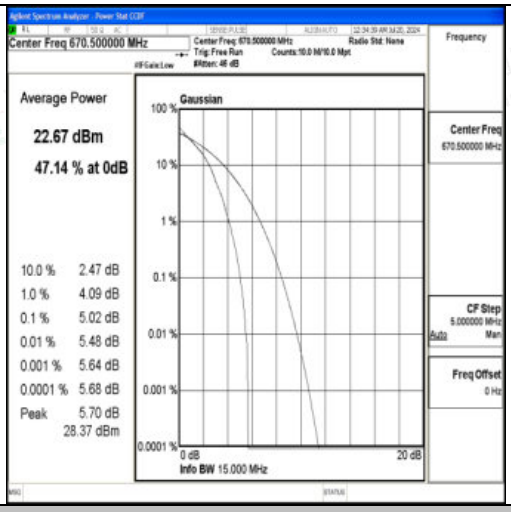

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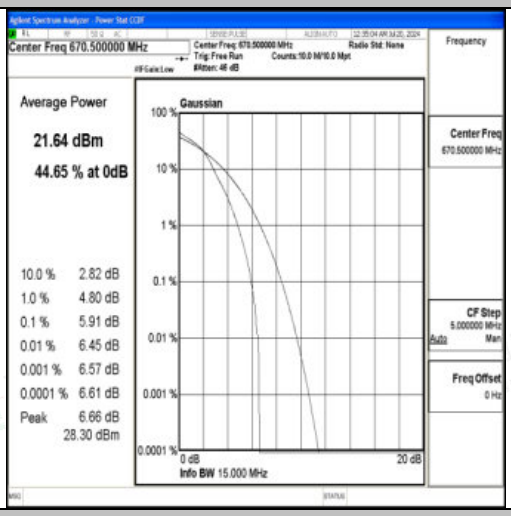

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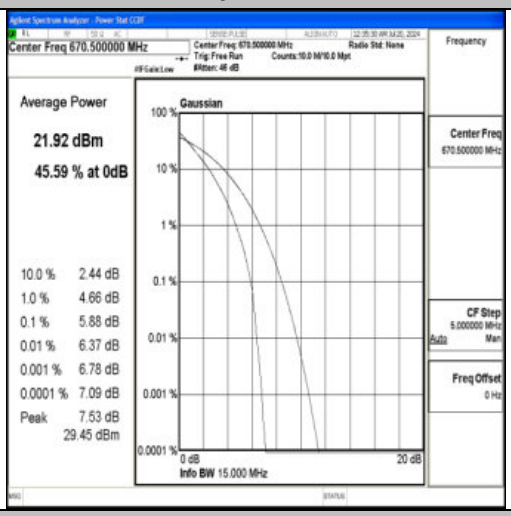
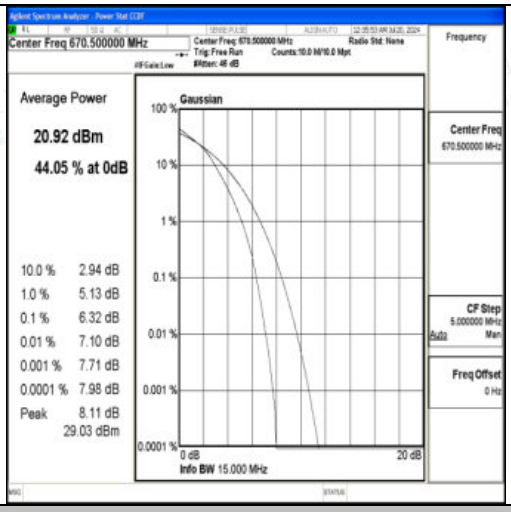
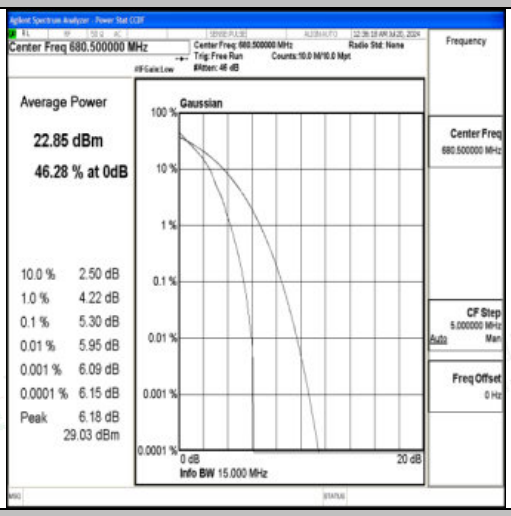


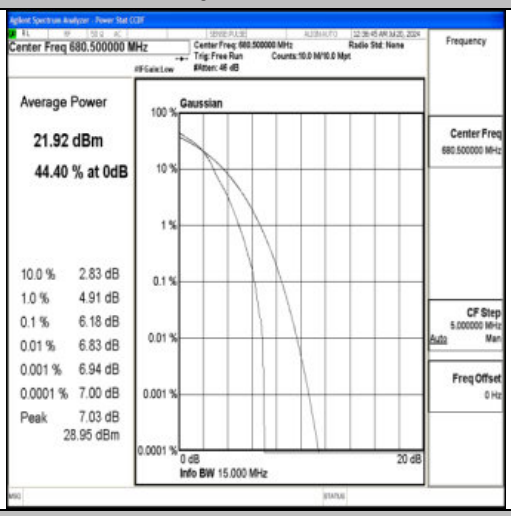
Band71-15MHz-QPSK-133197-75RB#0-PASS



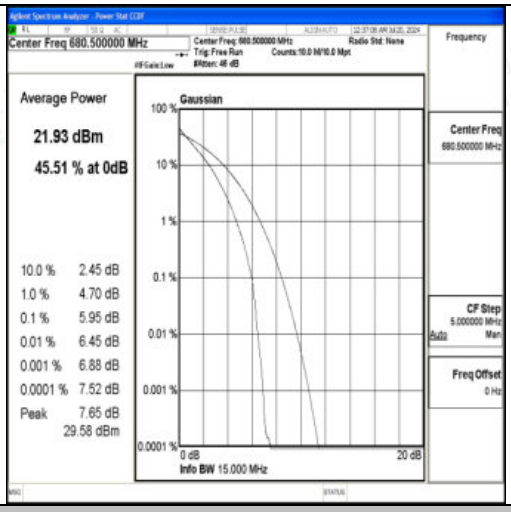
Band71-15MHz-16QAM-133197-75RB#0-PASS



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



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



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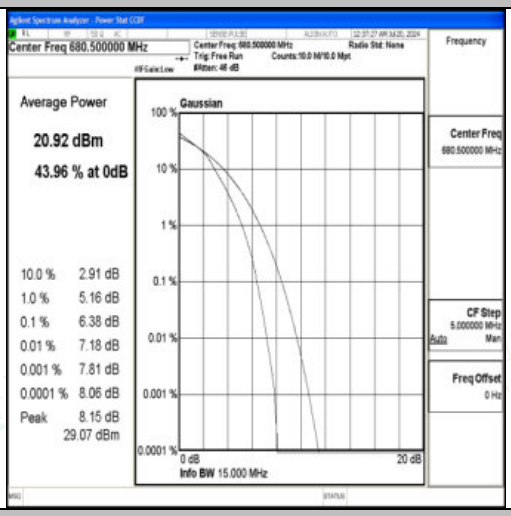

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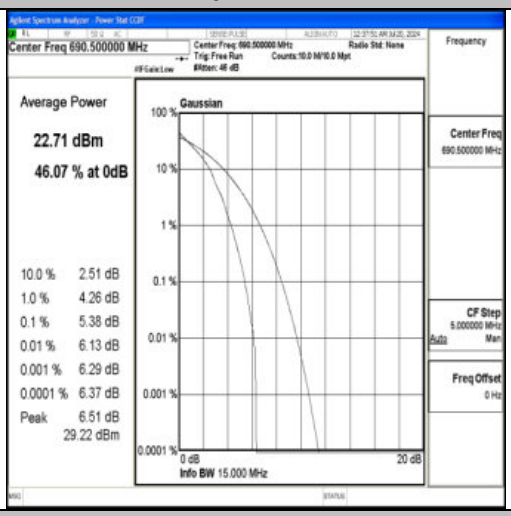

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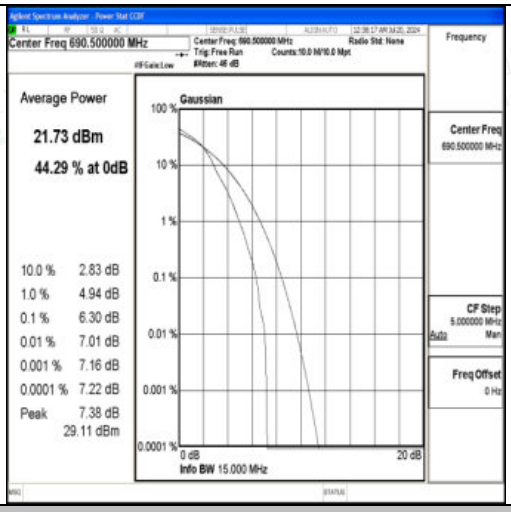

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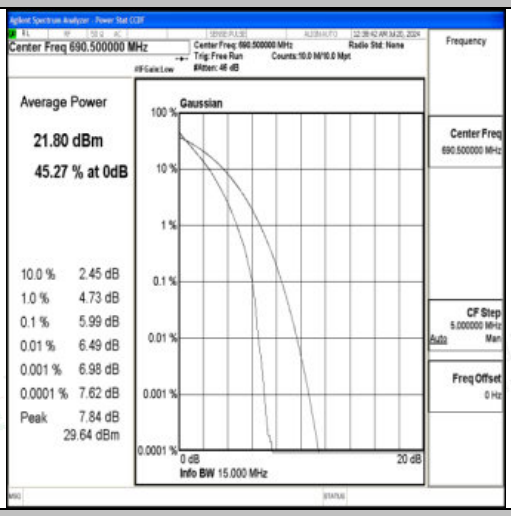
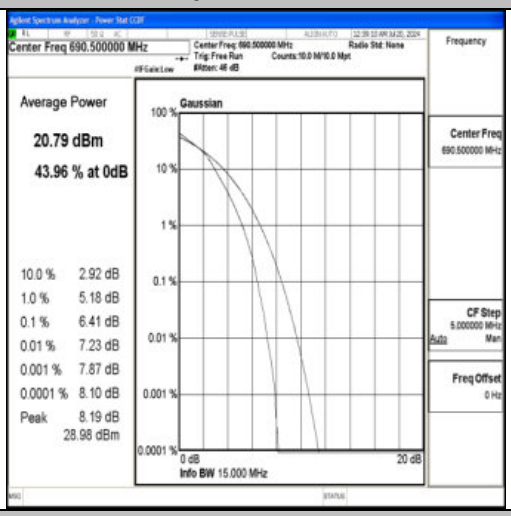


Band71-15MHz-QPSK-133397-75RB#0-PASS



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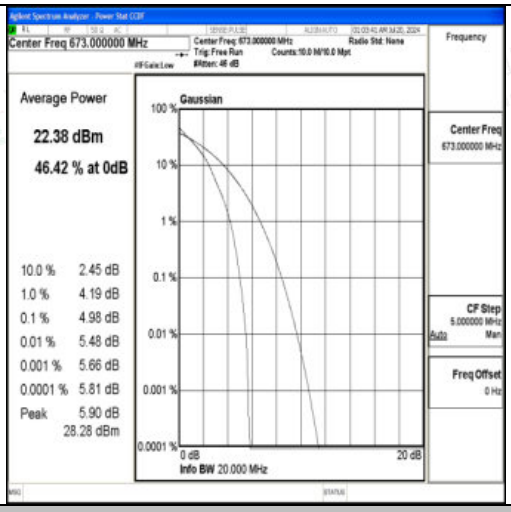
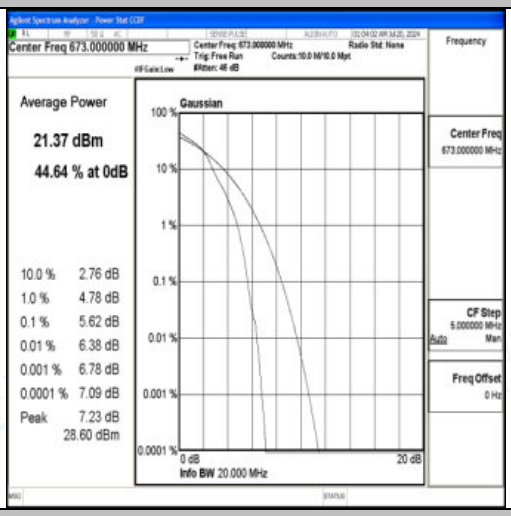
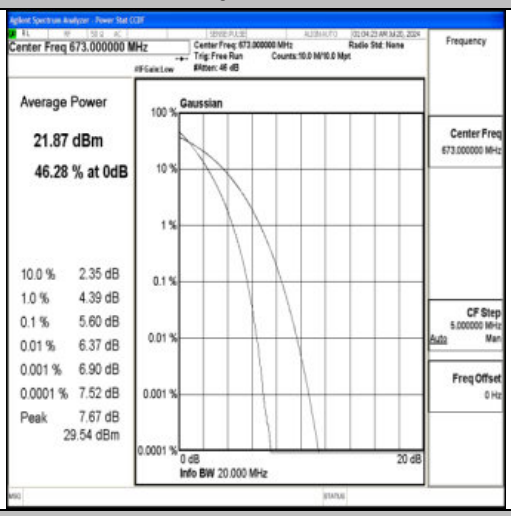


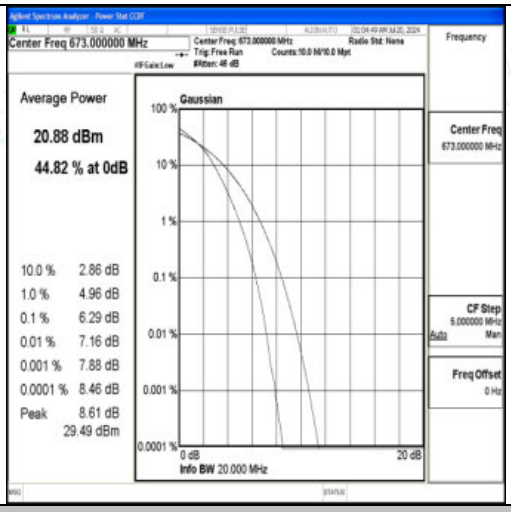
Band71-20MHz-QPSK-133222-1RB#0-PASS



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



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



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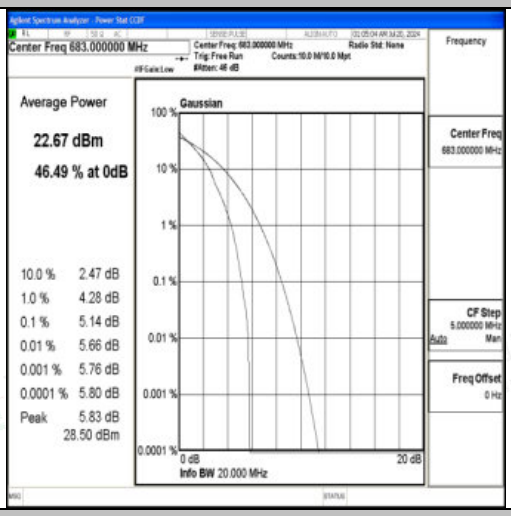
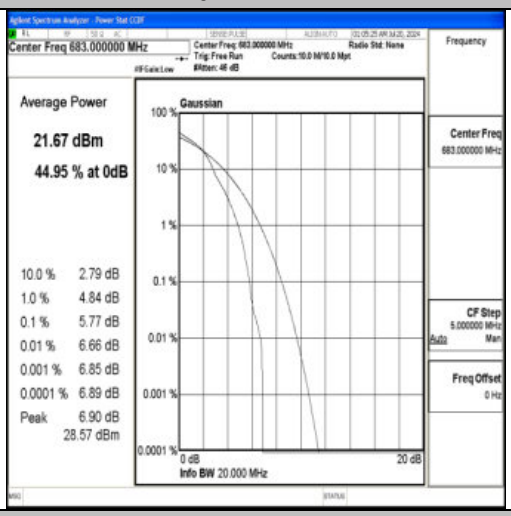


Band71-20MHz-QPSK-133322-1RB#0-PASS



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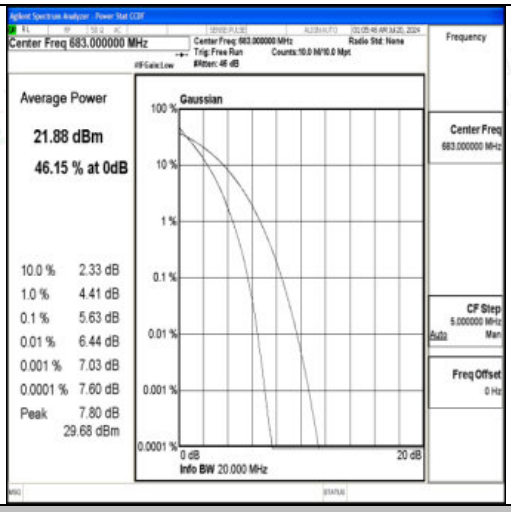

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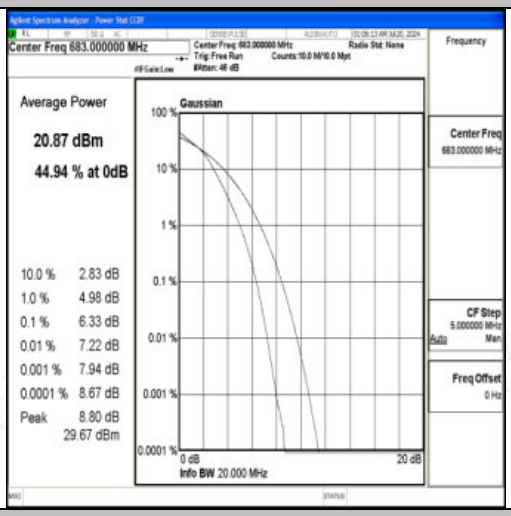

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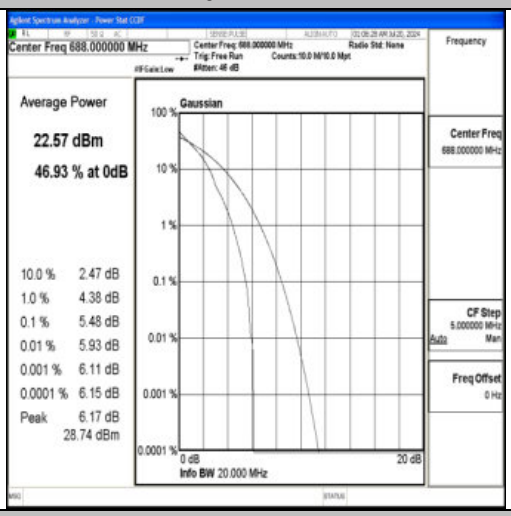
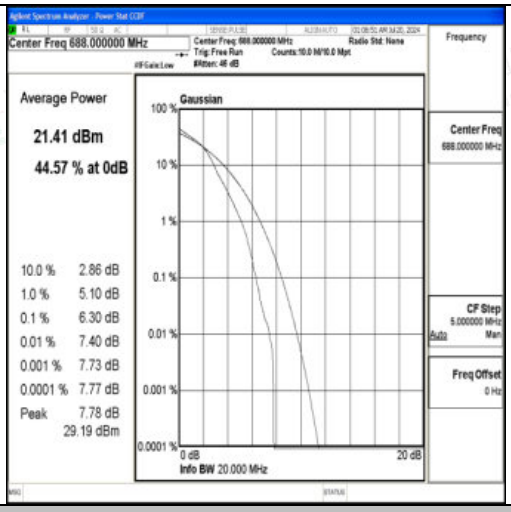


Band71-20MHz-QPSK-133372-1RB#0-PASS



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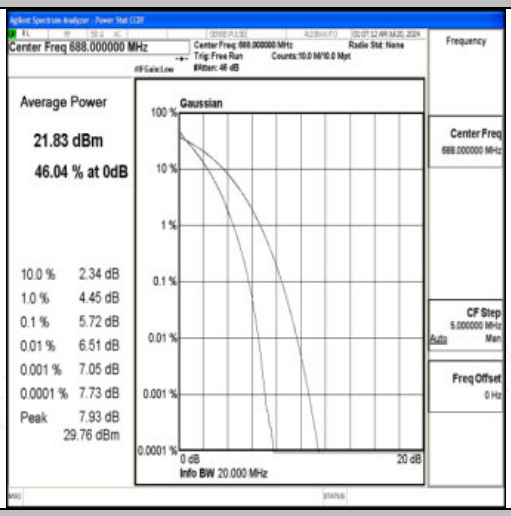

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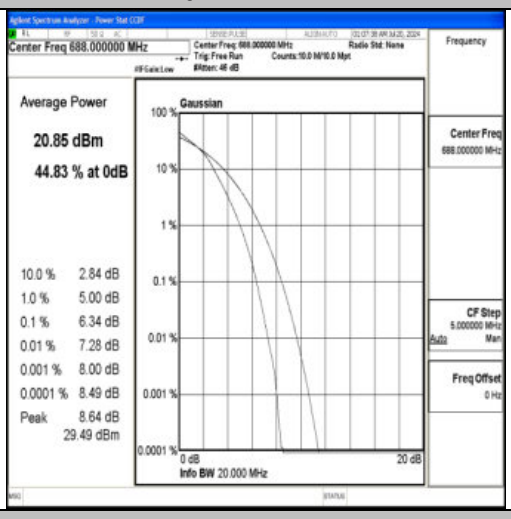


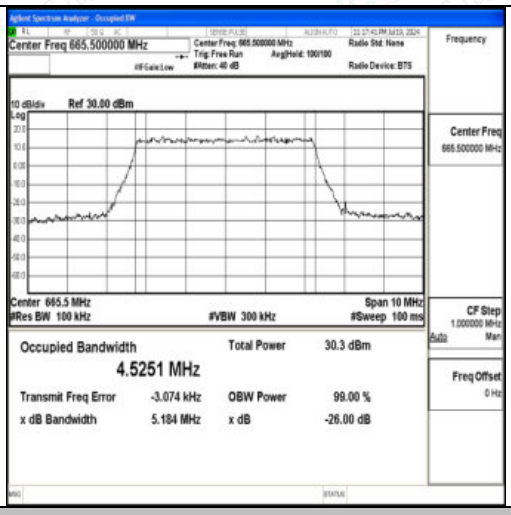
Band71-20MHz-16QAM-133372-100RB#0-PASS

O.3 26dB Bandwidth and Occupied Bandwidth

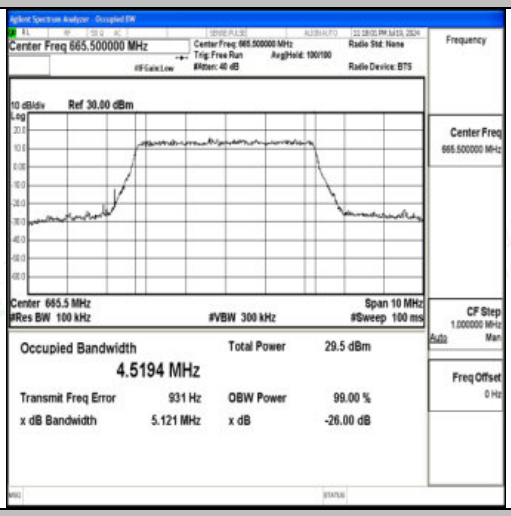
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.5251	5.184	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5194	5.121	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5281	5.182	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5116	5.122	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5133	5.183	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5154	5.117	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0115	11.08	PASS
Band71	10MHz	16QAM	133172	50RB#0	9.0208	10.62	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0086	10.14	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0103	10.07	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0125	10.18	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9975	10.03	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.511	15.07	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.511	15.00	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.548	15.28	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.500	14.96	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.523	14.97	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.542	15.02	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.948	19.60	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.942	19.72	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.962	19.84	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.922	19.59	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.032	19.91	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.987	19.71	PASS

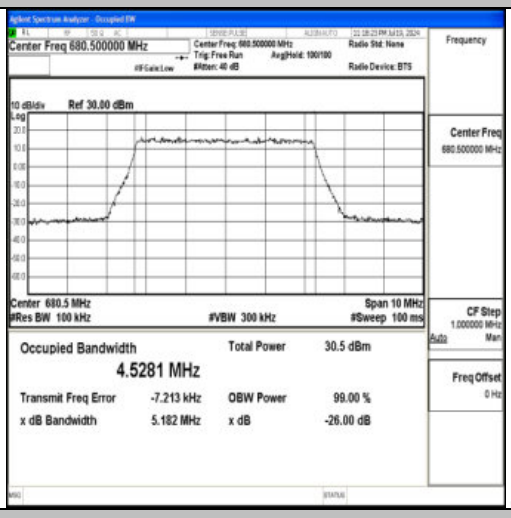
Test Graphs



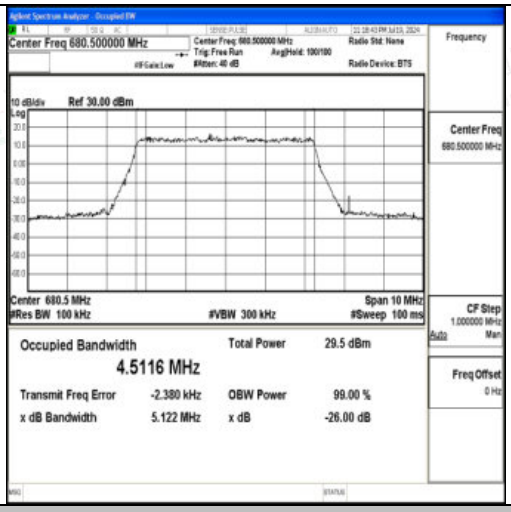
Band71-5MHz-QPSK-133147-25RB#0-PASS



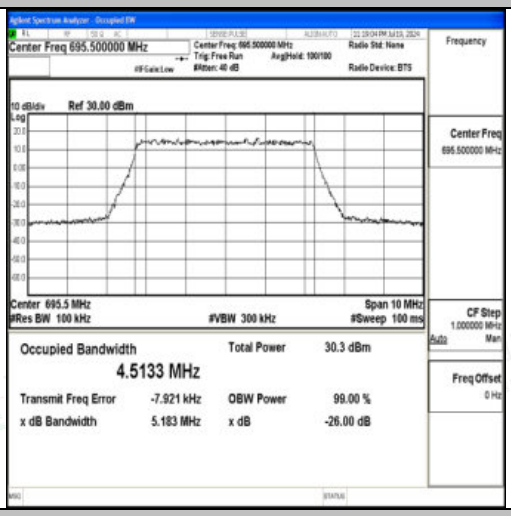
Band71-5MHz-16QAM-133147-25RB#0-PASS



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



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



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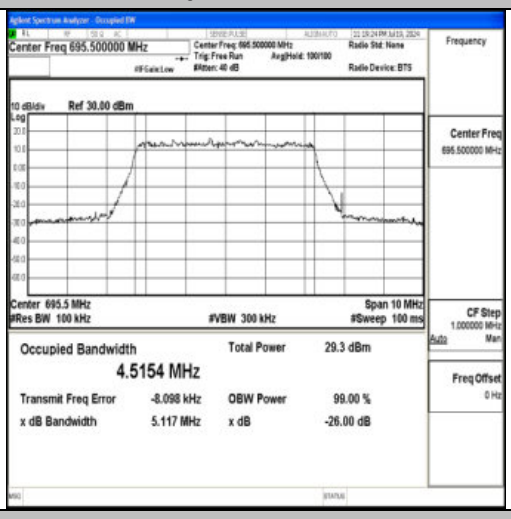
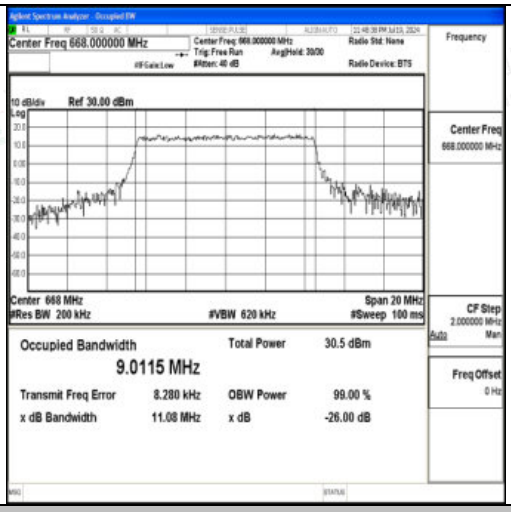
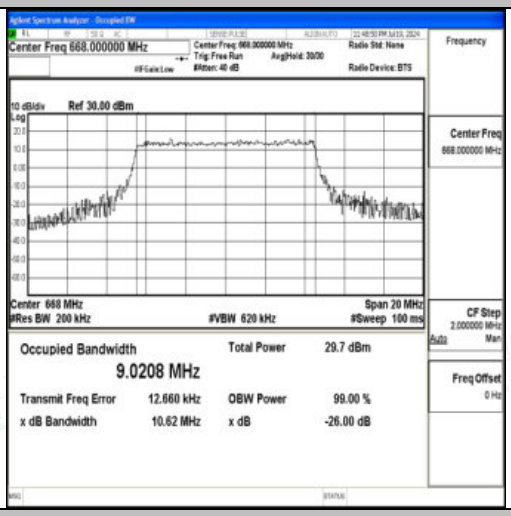


Band71-5MHz-16QAM-133447-25RB#0-PASS



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



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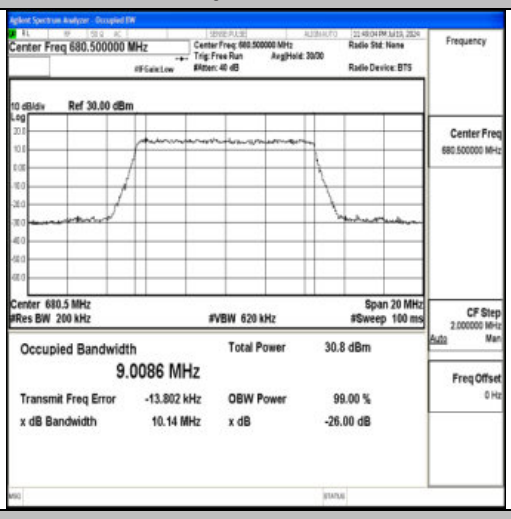
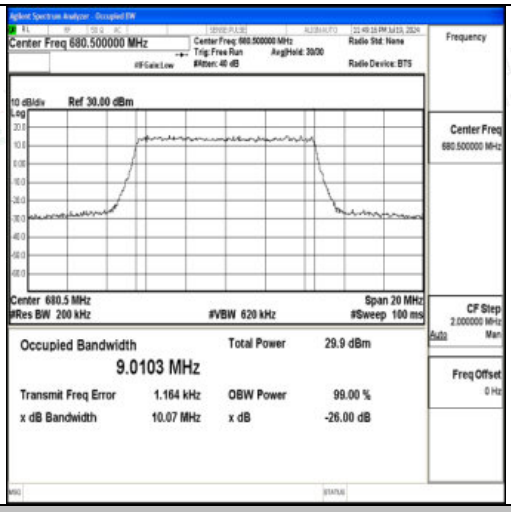
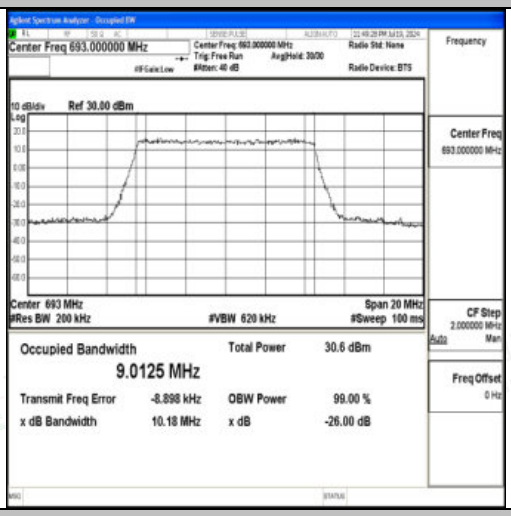


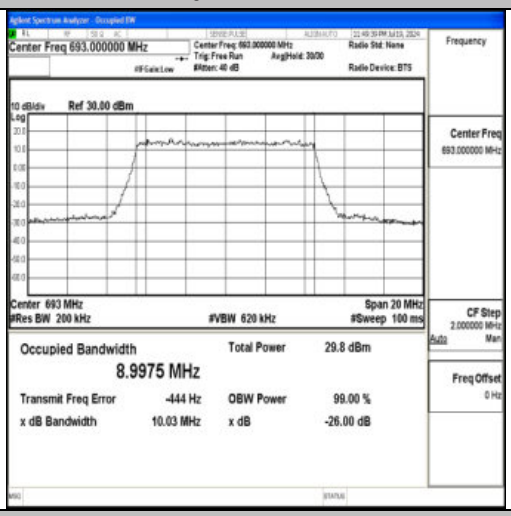
Band71-10MHz-QPSK-133297-50RB#0-PASS



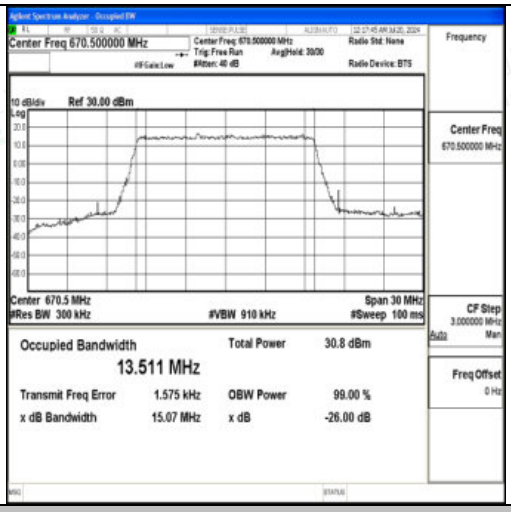
Band71-10MHz-16QAM-133297-50RB#0-PASS



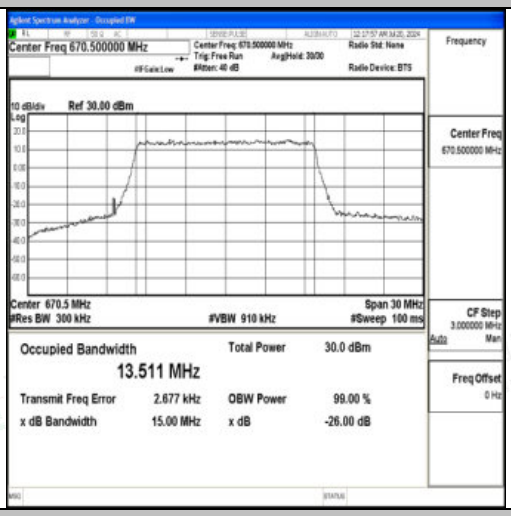
Band71-10MHz-QPSK-133422-50RB#0-PASS



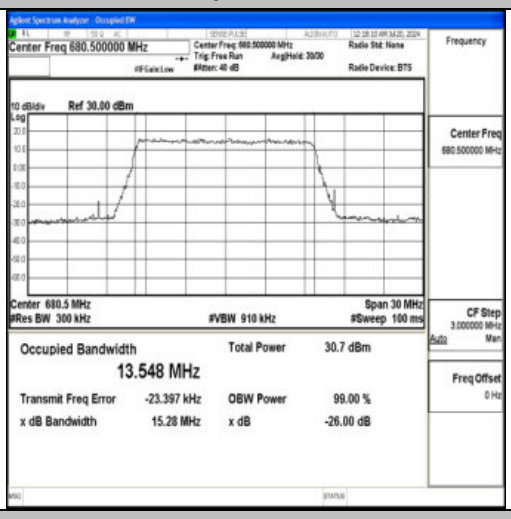
Band71-10MHz-16QAM-133422-50RB#0-PASS



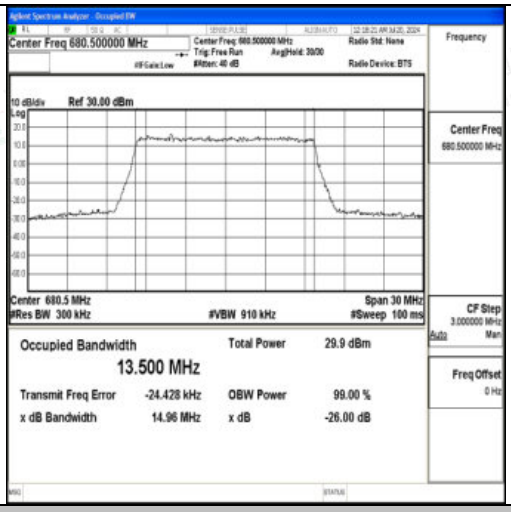
Band71-15MHz-QPSK-133197-75RB#0-PASS



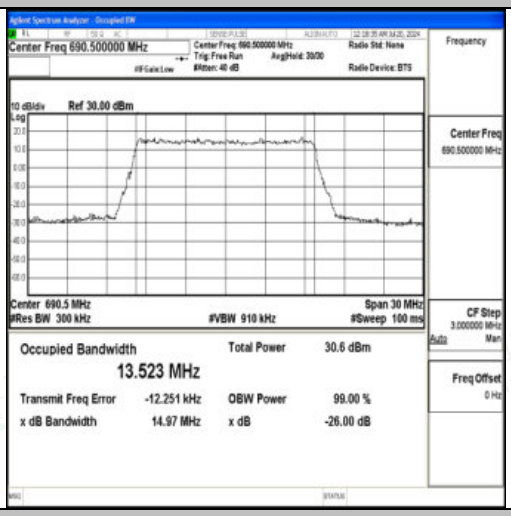
Band71-15MHz-16QAM-133197-75RB#0-PASS



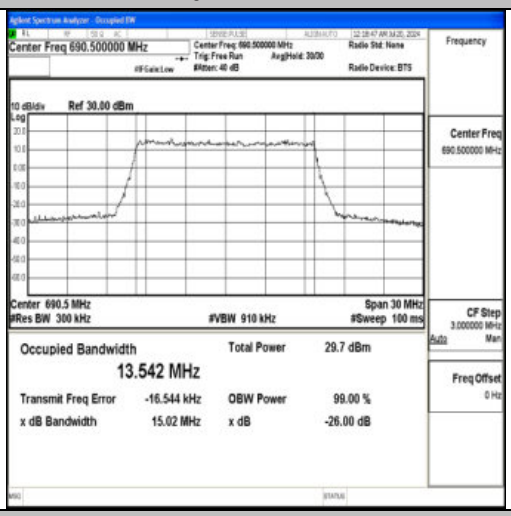
Band71-15MHz-QPSK-133297-75RB#0-PASS



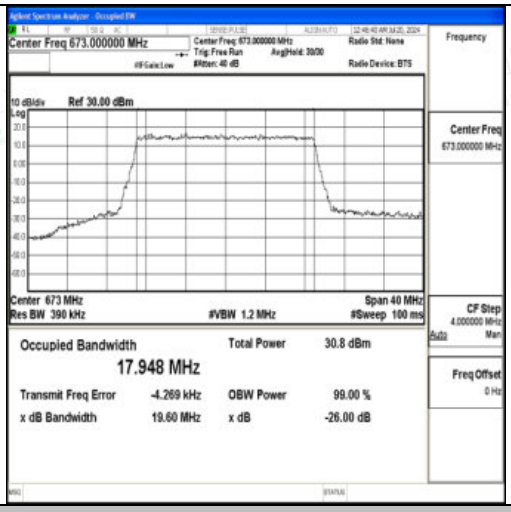
Band71-15MHz-16QAM-133297-75RB#0-PASS



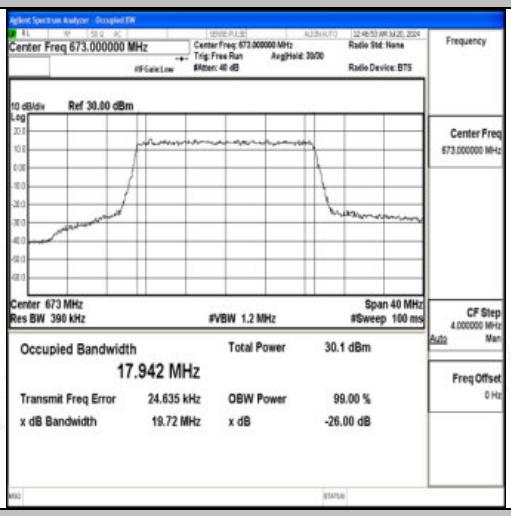
Band71-15MHz-QPSK-133397-75RB#0-PASS



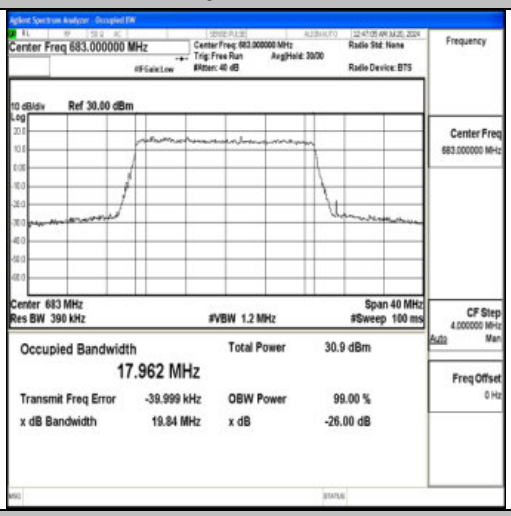
Band71-15MHz-16QAM-133397-75RB#0-PASS



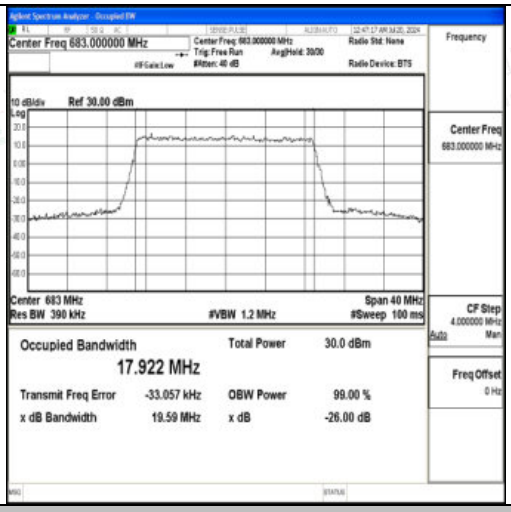
Band71-20MHz-QPSK-133222-100RB#0-PASS



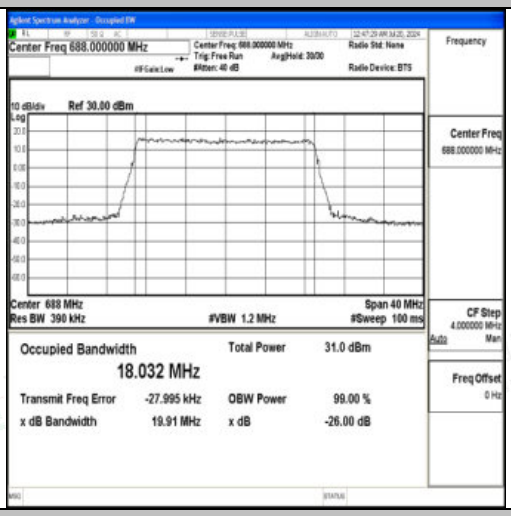
Band71-20MHz-16QAM-133222-100RB#0-PASS



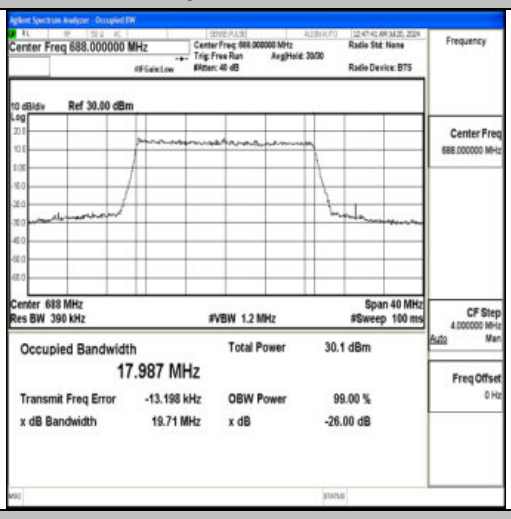
Band71-20MHz-QPSK-133322-100RB#0-PASS



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



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



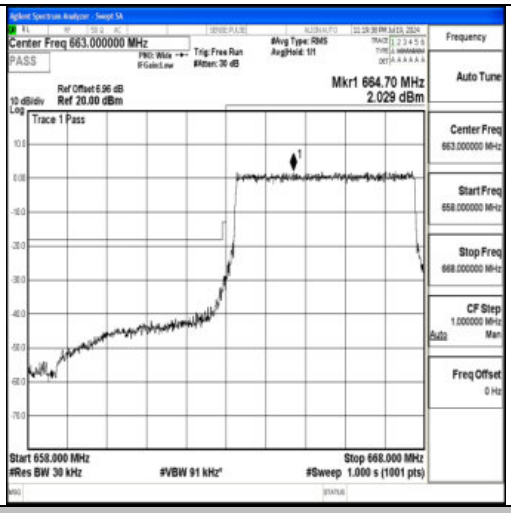
Band71-20MHz-16QAM-133372-100RB#0-PASS

O.4 Band Edge

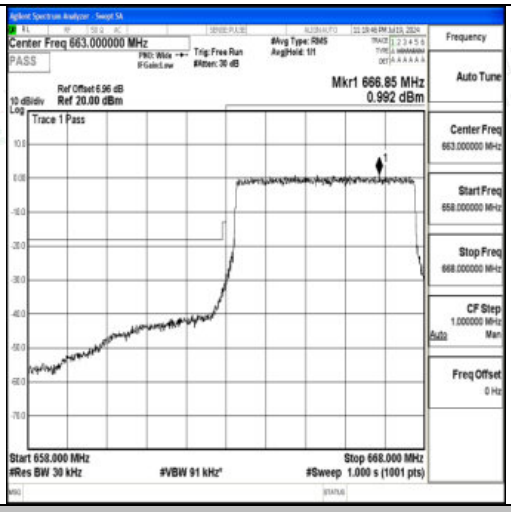
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	662.87	-32.16	PASS
Band71	5MHz	16QAM	133147	25RB#0	662.90	-32.48	PASS
Band71	5MHz	QPSK	133447	25RB#0	698.10	-32.28	PASS
Band71	5MHz	16QAM	133447	25RB#0	698.11	-33.96	PASS
Band71	10MHz	QPSK	133172	50RB#0	662.83	-37.24	PASS
Band71	10MHz	16QAM	133172	50RB#0	662.83	-39.24	PASS
Band71	10MHz	QPSK	133422	50RB#0	698.11	-39.35	PASS
Band71	10MHz	16QAM	133422	50RB#0	698.11	-38.83	PASS
Band71	15MHz	QPSK	133197	75RB#0	662.82	-41.37	PASS
Band71	15MHz	16QAM	133197	75RB#0	662.86	-41.65	PASS
Band71	15MHz	QPSK	133397	75RB#0	698.12	-42.03	PASS
Band71	15MHz	16QAM	133397	75RB#0	698.10	-41.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	662.90	-43.60	PASS
Band71	20MHz	16QAM	133222	100RB#0	662.75	-45.13	PASS
Band71	20MHz	QPSK	133372	100RB#0	698.13	-43.60	PASS
Band71	20MHz	16QAM	133372	100RB#0	698.15	-43.83	PASS

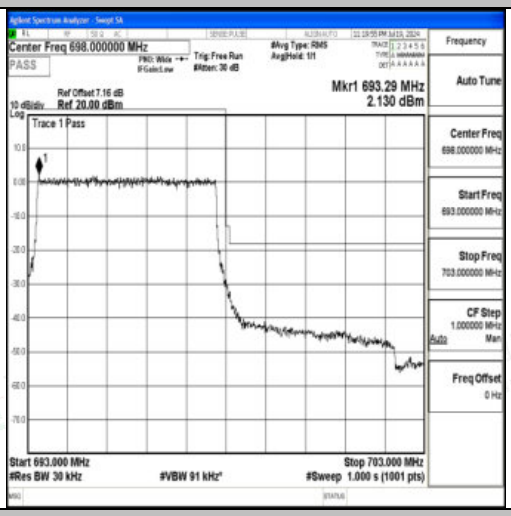
Test Graphs



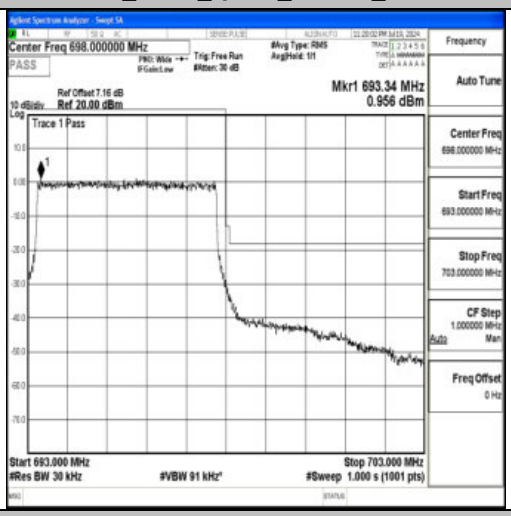
Band71_5MHz_QPSK_133147_25RB#0



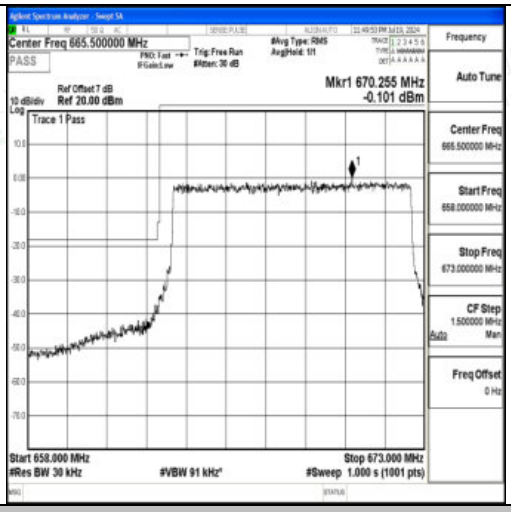
Band71_5MHz_16QAM_133147_25RB#0



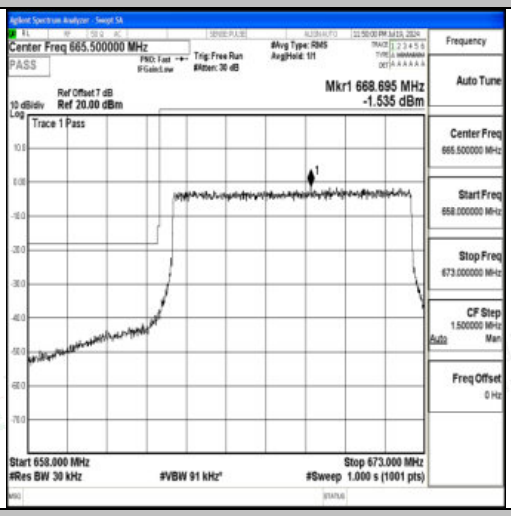
Band71_5MHz_QPSK_133447_25RB#0



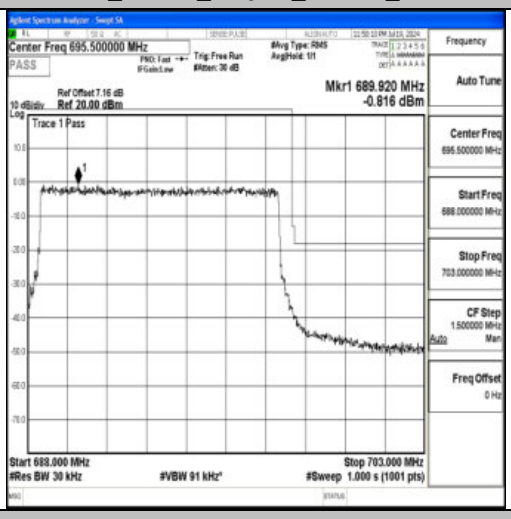
Band71_5MHz_16QAM_133447_25RB#0



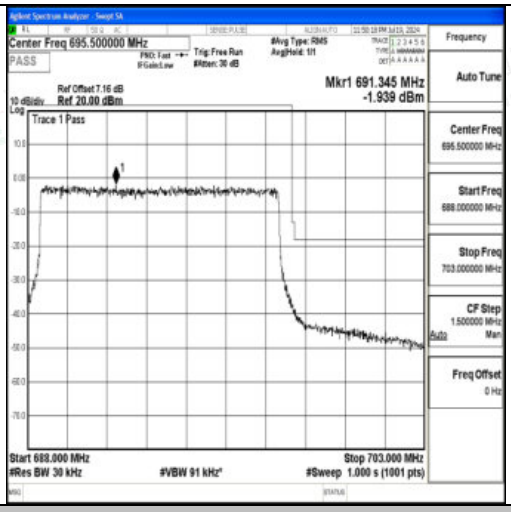
Band71_10MHz_QPSK_133172_50RB#0



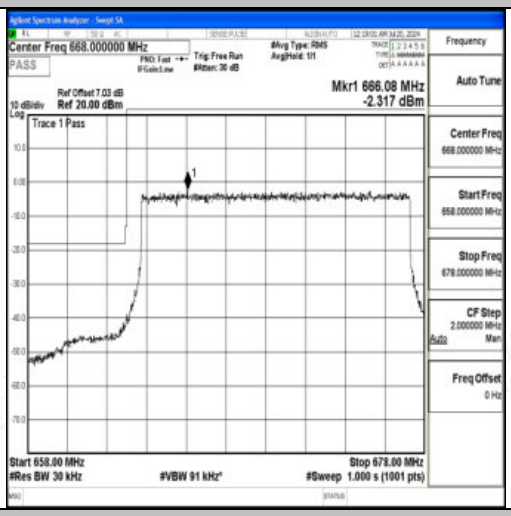
Band71_10MHz_16QAM_133172_50RB#0



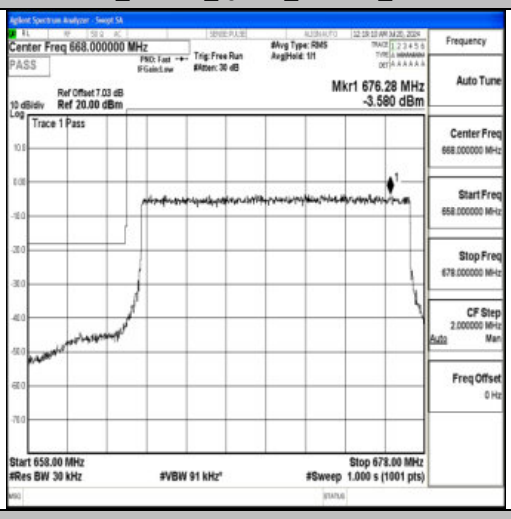
Band71_10MHz_QPSK_133422_50RB#0



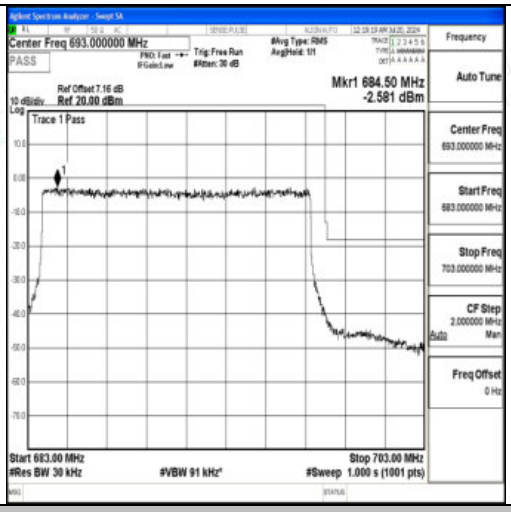
Band71_10MHz_16QAM_133422_50RB#0



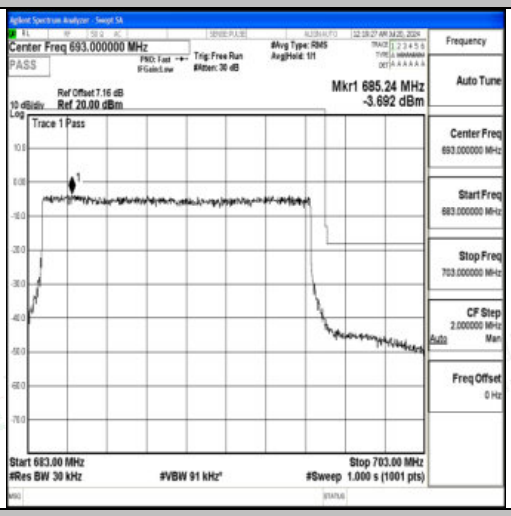
Band71_15MHz_QPSK_133197_75RB#0



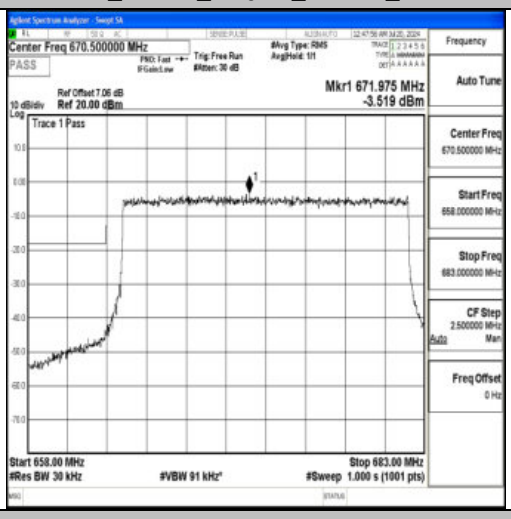
Band71_15MHz_16QAM_133197_75RB#0



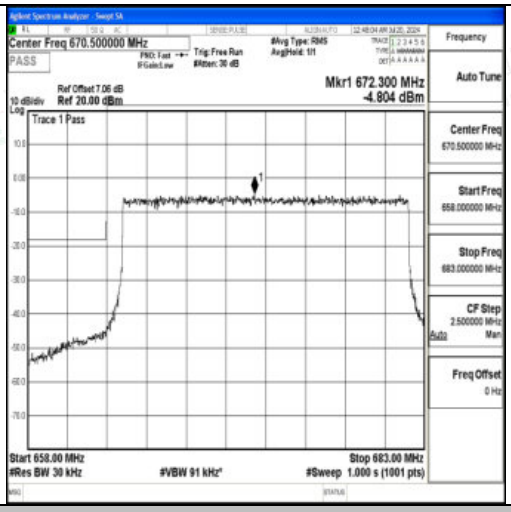
Band71_15MHz_QPSK_133397_75RB#0



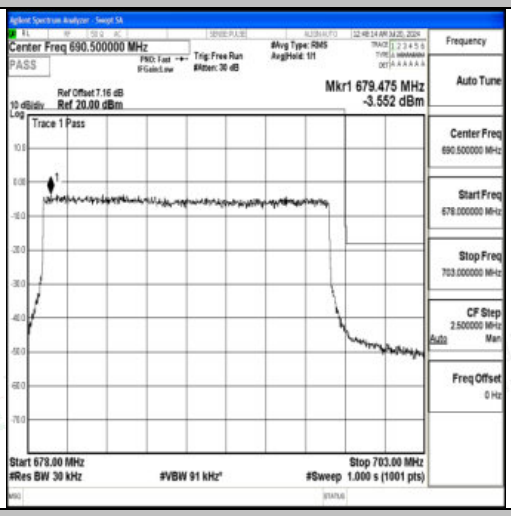
Band71_15MHz_16QAM_133397_75RB#0



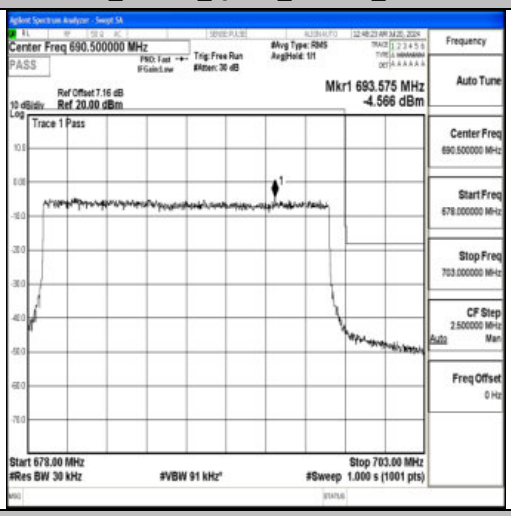
Band71_20MHz_QPSK_133222_100RB#0



Band71_20MHz_16QAM_133222_100RB#0



Band71_20MHz_QPSK_133372_100RB#0



Band71_20MHz_16QAM_133372_100RB#0

O.5 Conducted Spurious Emission

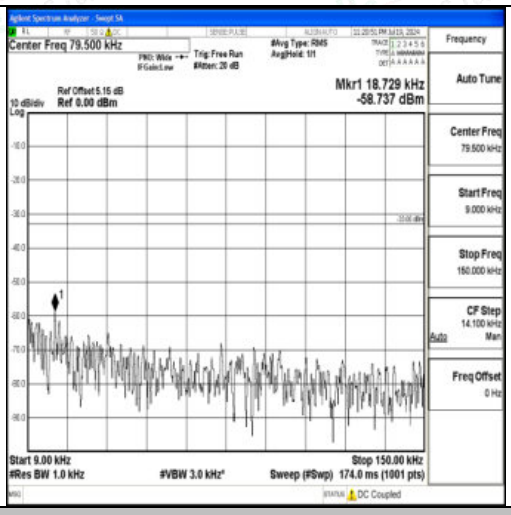
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-58.74	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-52.11	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-62.15	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-47.90	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-61.36	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-52.98	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-62.12	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-47.50	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-44.11	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-55.57	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-51.21	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-49.54	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-47.88	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-43.85	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-59.00	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-53.32	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-53.43	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-47.70	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-55.24	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-50.44	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-62.26	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-47.74	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-43.91	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-56.20	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-50.57	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-62.16	PASS
Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-47.95	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-43.91	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-57.39	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-53.13	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-61.79	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-47.82	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-44.27	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-55.42	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-51.63	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-62.04	PASS

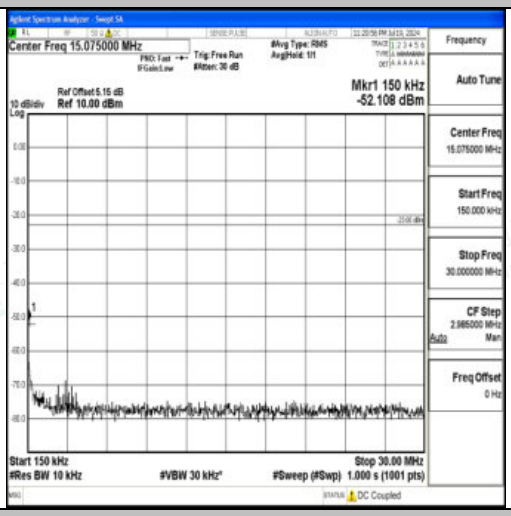
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-47.76	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-44.05	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-55.92	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-53.13	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-62.11	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-47.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-43.92	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-44.41	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-58.87	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-51.80	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-52.18	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-47.03	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-44.18	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-58.72	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-52.11	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-62.06	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-47.66	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-43.93	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-58.21	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-51.50	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-62.19	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-47.98	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-43.81	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-58.70	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-52.19	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-61.98	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-47.59	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-43.83	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-53.68	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-53.37	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-61.89	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-46.23	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-58.19	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-50.19	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-61.78	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-47.20	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-44.28	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-57.23	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-52.08	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-62.17	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-46.32	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-44.06	PASS

Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-58.65	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-52.43	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-62.04	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-47.32	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-43.88	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-60.67	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-54.03	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-61.73	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-44.18	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-59.08	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-52.85	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-61.95	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-46.21	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-44.08	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-44.07	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-56.33	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-53.38	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-62.02	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-45.52	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-43.82	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-47.48	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-43.96	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-56.49	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-51.64	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-62.07	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-46.59	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-55.71	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-54.74	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-62.24	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-46.35	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-43.87	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-54.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-51.60	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-61.72	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-47.55	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-44.18	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-43.85	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-54.68	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-51.26	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-62.03	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-45.78	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-44.33	PASS

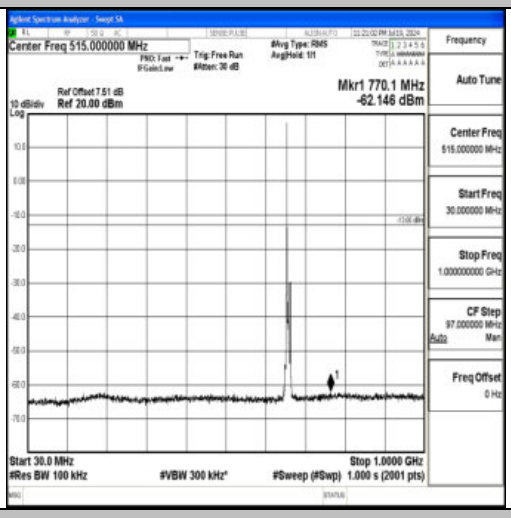
Test Graphs



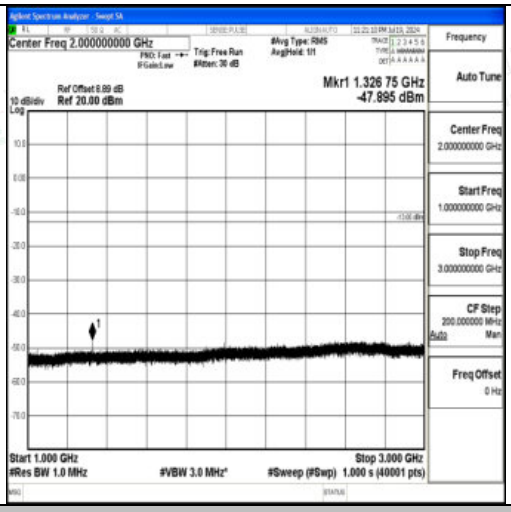
Band71_5MHz_QPSK_133147_1RB#0_0.009~0.15_0.009~0.15



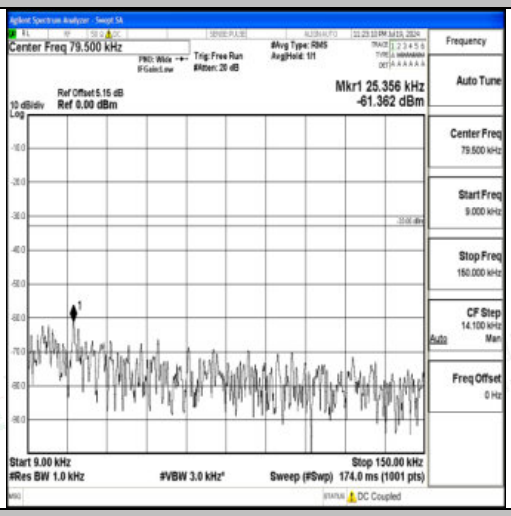
Band71_5MHz_QPSK_133147_1RB#0_0.15~30_0.15~30



Band71_5MHz_QPSK_133147_1RB#0_30~1000_30~1000



Band71_5MHz_QPSK_133147_1RB#0_1000~3000_1000~3000



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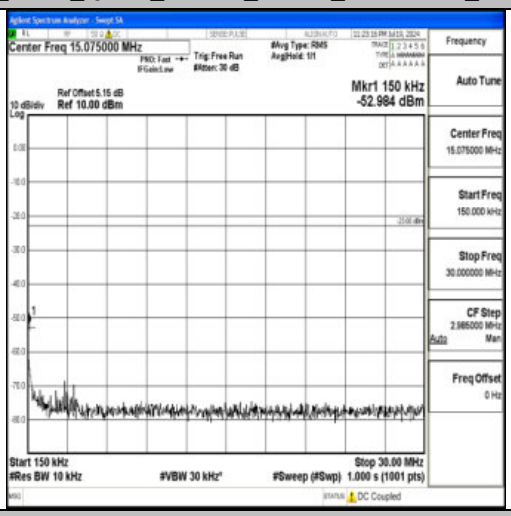
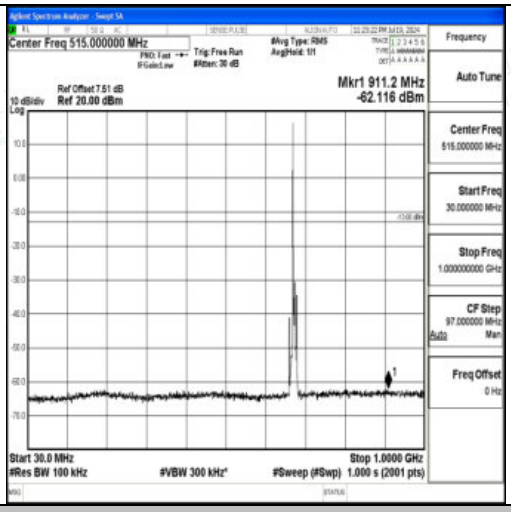
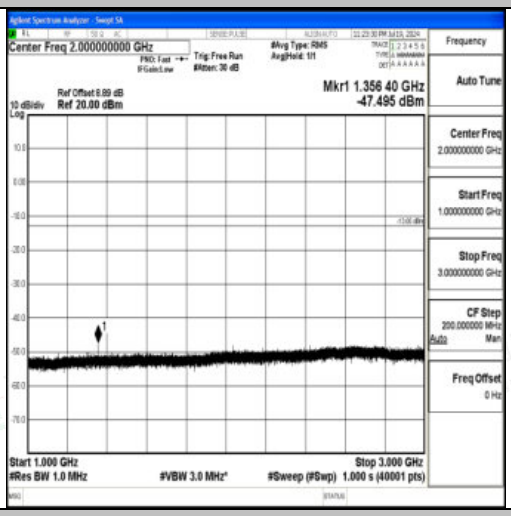


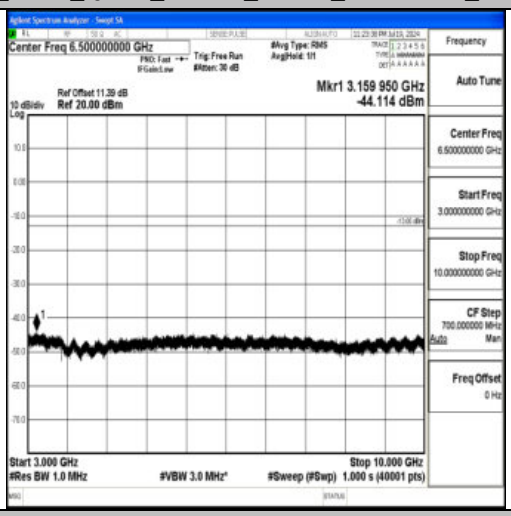
Band71_5MHz_QPSK_133297_1RB#0_0.15~30_0.15~30



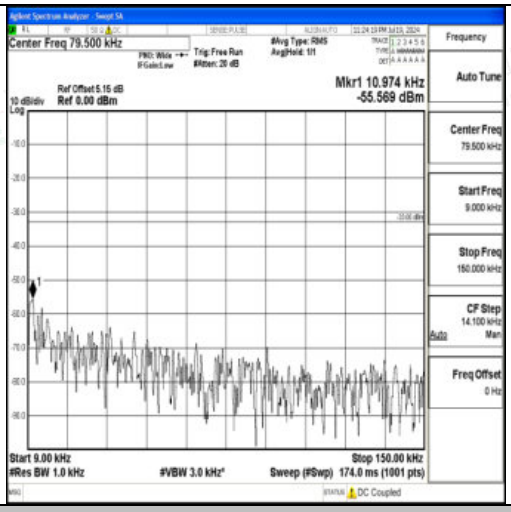
Band71_5MHz_QPSK_133297_1RB#0_30~1000_30~1000



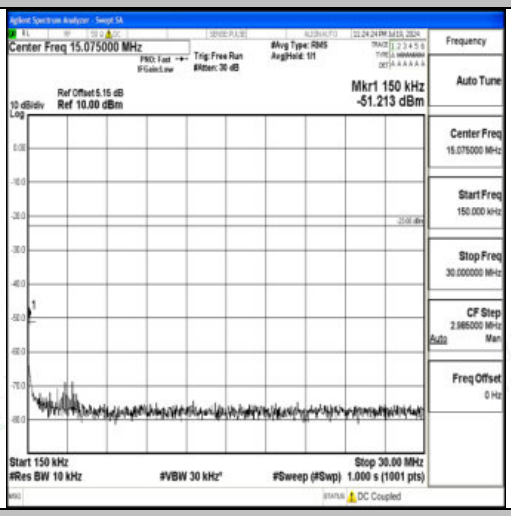
Band71_5MHz_QPSK_133297_1RB#0_1000~3000_1000~3000



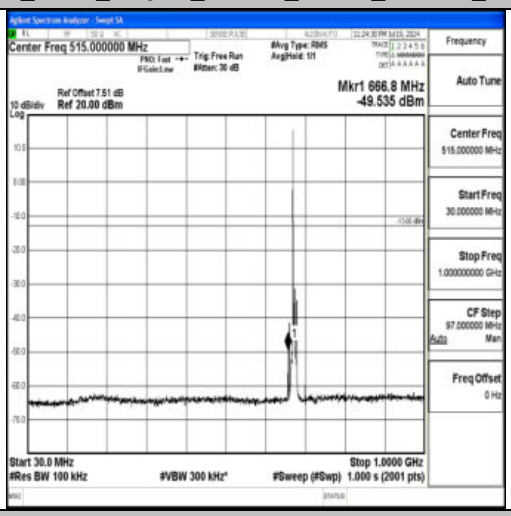
Band71_5MHz_QPSK_133297_1RB#0_3000~10000_3000~10000



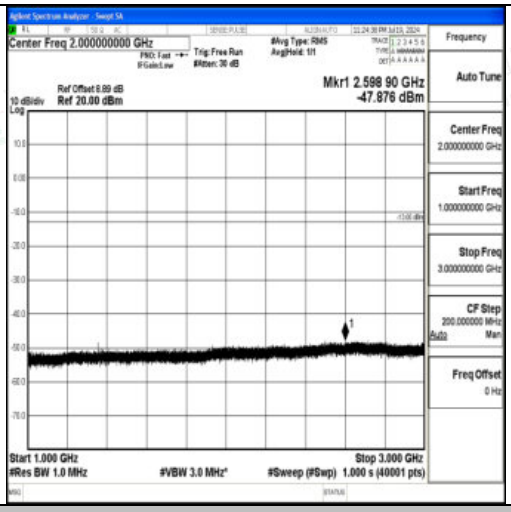
Band71_5MHz_16QAM_133297_1RB#0_0.009~0.15_0.009~0.15



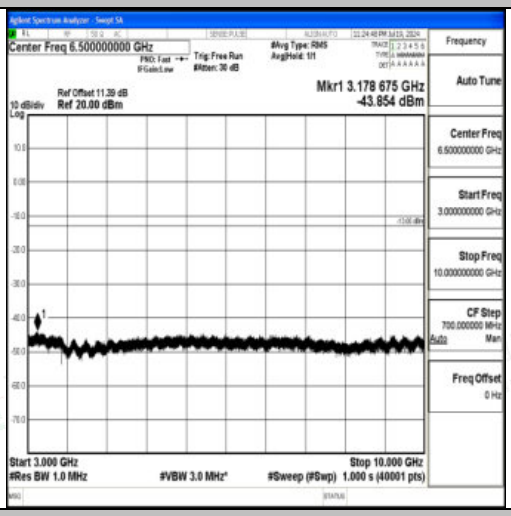
Band71_5MHz_16QAM_133297_1RB#0_0.15~30_0.15~30



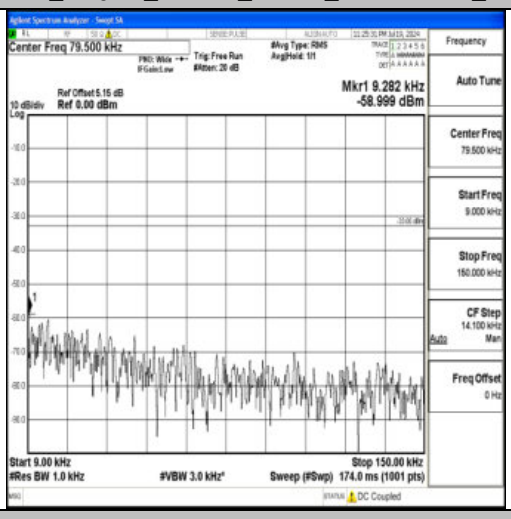
Band71_5MHz_16QAM_133297_1RB#0_30~1000_30~1000



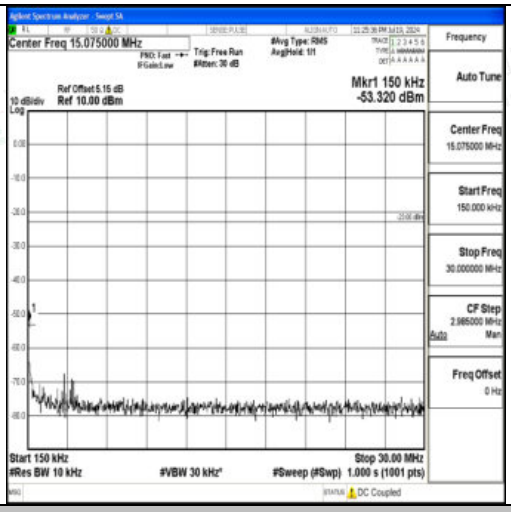
Band71_5MHz_16QAM_133297_1RB#0_1000~3000_1000~3000



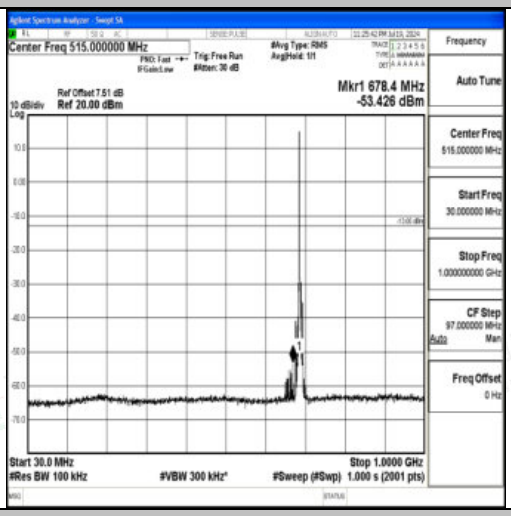
Band71_5MHz_16QAM_133297_1RB#0_3000~10000_3000~10000



Band71_5MHz_QPSK_133447_1RB#0_0.009~0.15_0.009~0.15



Band71_5MHz_QPSK_133447_1RB#0_0.15~30_0.15~30



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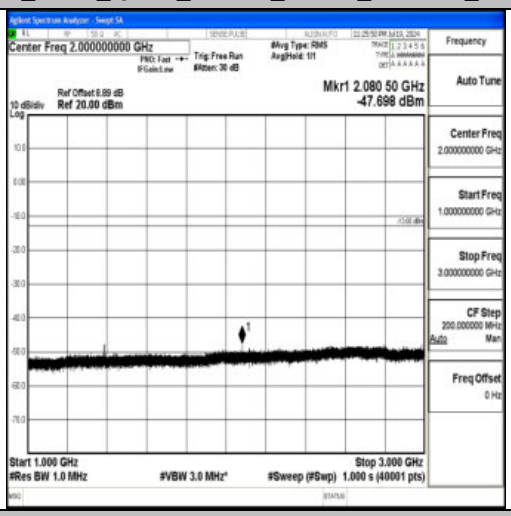
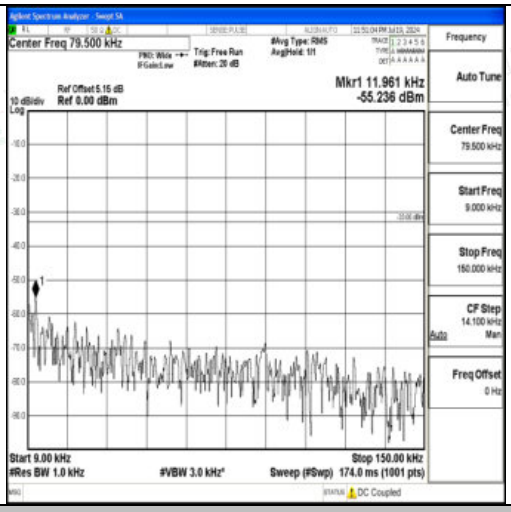
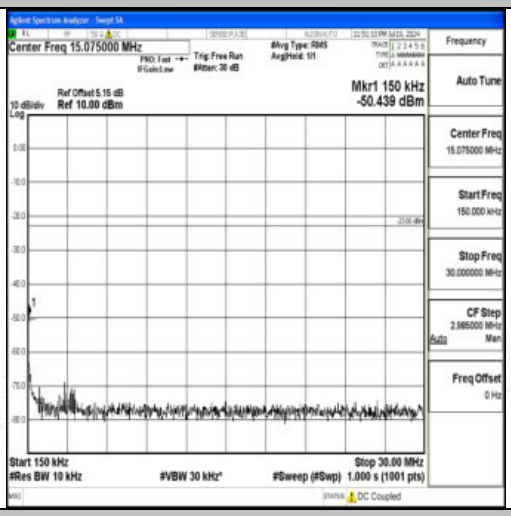


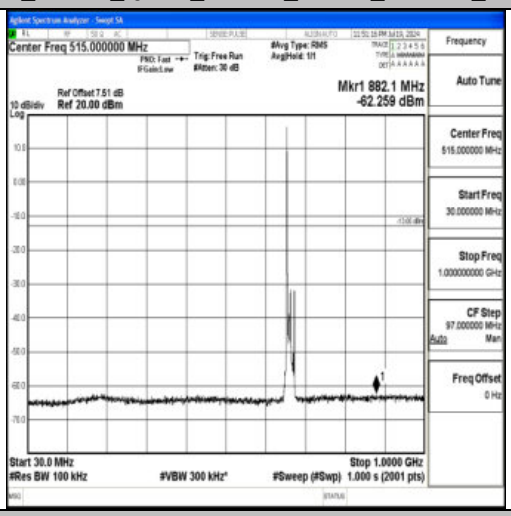
Band71_5MHz_QPSK_133447_1RB#0_1000~3000_1000~3000



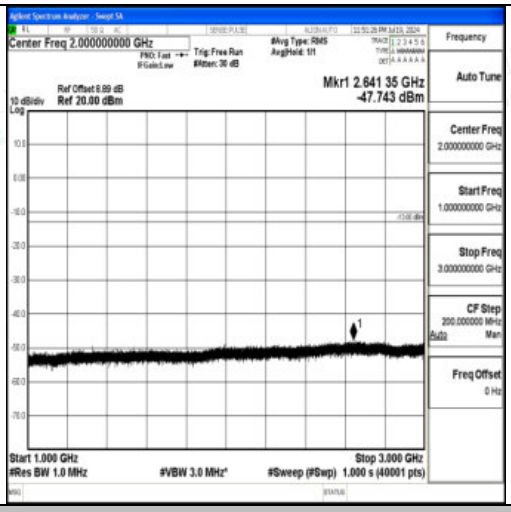
Band71_10MHz_QPSK_133172_1RB#0_0.009~0.15_0.009~0.15



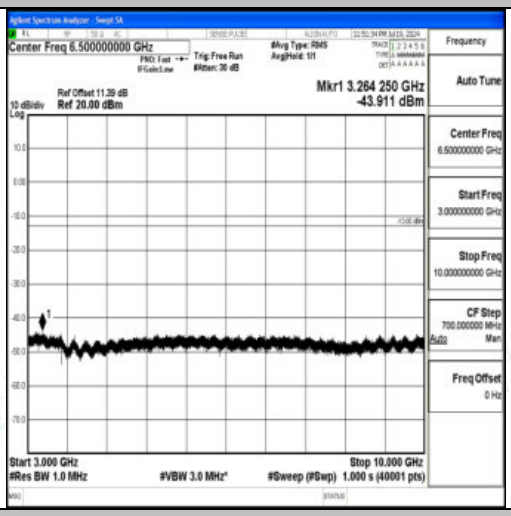
Band71_10MHz_QPSK_133172_1RB#0_0.15~30_0.15~30



Band71_10MHz_QPSK_133172_1RB#0_30~1000_30~1000



Band71_10MHz_QPSK_133172_1RB#0_1000~3000_1000~3000



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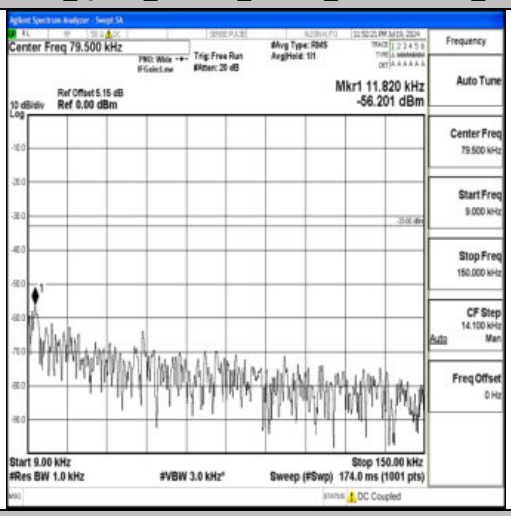

Band71_10MHz_16QAM_133172_1RB#0_0.009~0.15_0.009~0.15