



Appendix P: Test Data for E-UTRA Band 71

Product Name: Smartphone

Test Model: ZG65 Pro

Environmental Conditions

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



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P.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	22.88	PASS
Band71	5MHz	16QAM	133147	1RB#0	21.83	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.00	PASS
Band71	5MHz	16QAM	133147	1RB#12	21.92	PASS
Band71	5MHz	QPSK	133147	1RB#24	22.80	PASS
Band71	5MHz	16QAM	133147	1RB#24	21.84	PASS
Band71	5MHz	QPSK	133147	12RB#0	21.92	PASS
Band71	5MHz	16QAM	133147	12RB#0	20.82	PASS
Band71	5MHz	QPSK	133147	12RB#6	21.85	PASS
Band71	5MHz	16QAM	133147	12RB#6	20.84	PASS
Band71	5MHz	QPSK	133147	12RB#13	21.99	PASS
Band71	5MHz	16QAM	133147	12RB#13	20.90	PASS
Band71	5MHz	QPSK	133147	25RB#0	21.93	PASS
Band71	5MHz	16QAM	133147	25RB#0	20.94	PASS
Band71	5MHz	QPSK	133297	1RB#0	22.80	PASS
Band71	5MHz	16QAM	133297	1RB#0	21.95	PASS
Band71	5MHz	QPSK	133297	1RB#12	22.88	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.06	PASS
Band71	5MHz	QPSK	133297	1RB#24	22.81	PASS
Band71	5MHz	16QAM	133297	1RB#24	21.89	PASS
Band71	5MHz	QPSK	133297	12RB#0	21.95	PASS
Band71	5MHz	16QAM	133297	12RB#0	20.90	PASS
Band71	5MHz	QPSK	133297	12RB#6	21.93	PASS
Band71	5MHz	16QAM	133297	12RB#6	20.92	PASS
Band71	5MHz	QPSK	133297	12RB#13	21.88	PASS
Band71	5MHz	16QAM	133297	12RB#13	20.90	PASS
Band71	5MHz	QPSK	133297	25RB#0	21.91	PASS
Band71	5MHz	16QAM	133297	25RB#0	20.86	PASS
Band71	5MHz	QPSK	133447	1RB#0	22.83	PASS
Band71	5MHz	16QAM	133447	1RB#0	21.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	22.83	PASS
Band71	5MHz	16QAM	133447	1RB#12	21.79	PASS
Band71	5MHz	QPSK	133447	1RB#24	22.80	PASS
Band71	5MHz	16QAM	133447	1RB#24	21.76	PASS
Band71	5MHz	QPSK	133447	12RB#0	21.89	PASS



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Band71	5MHz	16QAM	133447	12RB#0	20.84	PASS
Band71	5MHz	QPSK	133447	12RB#6	21.89	PASS
Band71	5MHz	16QAM	133447	12RB#6	20.84	PASS
Band71	5MHz	QPSK	133447	12RB#13	21.78	PASS
Band71	10MHz	16QAM	133172	25RB#0	20.96	PASS
Band71	10MHz	QPSK	133172	25RB#12	21.96	PASS
Band71	10MHz	16QAM	133172	25RB#12	20.80	PASS
Band71	10MHz	QPSK	133172	25RB#25	21.99	PASS
Band71	10MHz	16QAM	133172	25RB#25	20.95	PASS
Band71	10MHz	QPSK	133172	50RB#0	21.87	PASS
Band71	10MHz	16QAM	133172	50RB#0	20.99	PASS
Band71	10MHz	QPSK	133297	1RB#0	22.91	PASS
Band71	10MHz	16QAM	133297	1RB#0	21.99	PASS
Band71	10MHz	QPSK	133297	1RB#24	22.97	PASS
Band71	10MHz	16QAM	133297	1RB#24	21.81	PASS
Band71	10MHz	QPSK	133297	1RB#49	22.57	PASS
Band71	10MHz	16QAM	133297	1RB#49	21.63	PASS
Band71	10MHz	QPSK	133297	25RB#0	22.03	PASS
Band71	10MHz	16QAM	133297	25RB#0	20.99	PASS
Band71	10MHz	QPSK	133297	25RB#12	22.01	PASS
Band71	10MHz	16QAM	133297	25RB#12	20.97	PASS
Band71	10MHz	QPSK	133297	25RB#25	21.99	PASS
Band71	10MHz	16QAM	133297	25RB#25	20.96	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.03	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.00	PASS
Band71	10MHz	QPSK	133422	1RB#0	22.87	PASS
Band71	10MHz	16QAM	133422	1RB#0	21.78	PASS
Band71	10MHz	QPSK	133422	1RB#24	22.96	PASS
Band71	10MHz	16QAM	133422	1RB#24	21.71	PASS
Band71	10MHz	QPSK	133422	1RB#49	22.79	PASS
Band71	10MHz	16QAM	133422	1RB#49	21.36	PASS
Band71	10MHz	QPSK	133422	25RB#0	22.10	PASS
Band71	10MHz	16QAM	133422	25RB#0	21.07	PASS
Band71	10MHz	QPSK	133422	25RB#12	21.97	PASS
Band71	5MHz	16QAM	133447	12RB#13	20.80	PASS
Band71	5MHz	QPSK	133447	25RB#0	21.86	PASS
Band71	5MHz	16QAM	133447	25RB#0	20.89	PASS
Band71	10MHz	QPSK	133172	1RB#0	22.93	PASS
Band71	10MHz	16QAM	133172	1RB#0	21.81	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.09	PASS



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Band71	10MHz	16QAM	133172	1RB#24	21.96	PASS
Band71	10MHz	QPSK	133172	1RB#49	22.89	PASS
Band71	10MHz	16QAM	133172	1RB#49	21.81	PASS
Band71	10MHz	QPSK	133172	25RB#0	21.94	PASS
Band71	10MHz	16QAM	133422	25RB#12	21.10	PASS
Band71	10MHz	QPSK	133422	25RB#25	21.85	PASS
Band71	10MHz	16QAM	133422	25RB#25	20.90	PASS
Band71	10MHz	QPSK	133422	50RB#0	21.96	PASS
Band71	10MHz	16QAM	133422	50RB#0	20.96	PASS
Band71	15MHz	QPSK	133197	1RB#0	22.80	PASS
Band71	15MHz	16QAM	133197	1RB#0	21.94	PASS
Band71	15MHz	QPSK	133197	1RB#38	22.86	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.10	PASS
Band71	15MHz	QPSK	133197	1RB#74	22.76	PASS
Band71	15MHz	16QAM	133197	1RB#74	21.98	PASS
Band71	15MHz	QPSK	133197	38RB#0	21.95	PASS
Band71	15MHz	16QAM	133197	38RB#0	21.98	PASS
Band71	15MHz	QPSK	133197	38RB#18	22.01	PASS
Band71	15MHz	16QAM	133197	38RB#18	21.99	PASS
Band71	15MHz	QPSK	133197	38RB#37	22.02	PASS
Band71	15MHz	16QAM	133197	38RB#37	21.97	PASS
Band71	15MHz	QPSK	133197	75RB#0	21.93	PASS
Band71	15MHz	16QAM	133197	75RB#0	20.93	PASS
Band71	15MHz	QPSK	133297	1RB#0	22.86	PASS
Band71	15MHz	16QAM	133297	1RB#0	21.94	PASS
Band71	15MHz	QPSK	133297	1RB#38	22.95	PASS
Band71	15MHz	16QAM	133297	1RB#38	21.97	PASS
Band71	15MHz	QPSK	133297	1RB#74	22.83	PASS
Band71	15MHz	16QAM	133297	1RB#74	21.83	PASS
Band71	15MHz	QPSK	133297	38RB#0	21.92	PASS
Band71	15MHz	16QAM	133297	38RB#0	21.90	PASS
Band71	15MHz	QPSK	133297	38RB#18	22.00	PASS
Band71	15MHz	16QAM	133297	38RB#18	21.99	PASS
Band71	15MHz	QPSK	133297	38RB#37	21.93	PASS
Band71	15MHz	16QAM	133297	38RB#37	21.87	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.00	PASS
Band71	15MHz	16QAM	133297	75RB#0	20.94	PASS
Band71	15MHz	QPSK	133397	1RB#0	22.71	PASS
Band71	15MHz	16QAM	133397	1RB#0	21.91	PASS
Band71	15MHz	QPSK	133397	1RB#38	22.79	PASS



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Band71	15MHz	16QAM	133397	1RB#38	22.00	PASS
Band71	15MHz	QPSK	133397	1RB#74	22.75	PASS
Band71	15MHz	16QAM	133397	1RB#74	21.92	PASS
Band71	15MHz	QPSK	133397	38RB#0	21.94	PASS
Band71	15MHz	16QAM	133397	38RB#0	21.95	PASS
Band71	15MHz	QPSK	133397	38RB#18	22.00	PASS
Band71	15MHz	16QAM	133397	38RB#18	21.99	PASS
Band71	15MHz	QPSK	133397	38RB#37	21.91	PASS
Band71	15MHz	16QAM	133397	38RB#37	21.93	PASS
Band71	15MHz	QPSK	133397	75RB#0	21.97	PASS
Band71	15MHz	16QAM	133397	75RB#0	20.91	PASS
Band71	20MHz	QPSK	133222	1RB#0	22.69	PASS
Band71	20MHz	16QAM	133222	1RB#0	21.70	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.12	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.10	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.68	PASS
Band71	20MHz	16QAM	133222	1RB#99	21.63	PASS
Band71	20MHz	QPSK	133222	50RB#0	21.85	PASS
Band71	20MHz	16QAM	133222	50RB#0	20.87	PASS
Band71	20MHz	QPSK	133222	50RB#25	21.87	PASS
Band71	20MHz	16QAM	133222	50RB#25	20.83	PASS
Band71	20MHz	QPSK	133222	50RB#50	21.95	PASS
Band71	20MHz	16QAM	133222	50RB#50	20.95	PASS
Band71	20MHz	QPSK	133222	100RB#0	21.95	PASS
Band71	20MHz	16QAM	133222	100RB#0	20.90	PASS
Band71	20MHz	QPSK	133322	1RB#0	22.74	PASS
Band71	20MHz	16QAM	133322	1RB#0	21.89	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.03	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.12	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.69	PASS
Band71	20MHz	16QAM	133322	1RB#99	21.76	PASS
Band71	20MHz	QPSK	133322	50RB#0	22.05	PASS
Band71	20MHz	16QAM	133322	50RB#0	21.06	PASS
Band71	20MHz	QPSK	133322	50RB#25	22.06	PASS
Band71	20MHz	16QAM	133322	50RB#25	20.99	PASS
Band71	20MHz	QPSK	133322	50RB#50	21.95	PASS
Band71	20MHz	16QAM	133322	50RB#50	20.99	PASS
Band71	20MHz	QPSK	133322	100RB#0	21.97	PASS
Band71	20MHz	16QAM	133322	100RB#0	20.96	PASS
Band71	20MHz	QPSK	133372	1RB#0	22.65	PASS



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Band71	20MHz	16QAM	133372	1RB#0	21.56	PASS
Band71	20MHz	QPSK	133372	1RB#49	22.85	PASS
Band71	20MHz	16QAM	133372	1RB#49	21.89	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.60	PASS
Band71	20MHz	16QAM	133372	1RB#99	21.29	PASS
Band71	20MHz	QPSK	133372	50RB#0	22.00	PASS
Band71	20MHz	16QAM	133372	50RB#0	21.03	PASS
Band71	20MHz	QPSK	133372	50RB#25	21.99	PASS
Band71	20MHz	16QAM	133372	50RB#25	21.02	PASS
Band71	20MHz	QPSK	133372	50RB#50	21.90	PASS
Band71	20MHz	16QAM	133372	50RB#50	20.90	PASS
Band71	20MHz	QPSK	133372	100RB#0	21.90	PASS
Band71	20MHz	16QAM	133372	100RB#0	20.92	PASS



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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	5.06	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.57	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.67	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.31	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.58	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	6.33	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.47	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.81	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.67	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.28	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.82	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.65	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.66	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.27	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.28	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.15	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.69	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.33	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	5.29	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	6.15	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.64	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	4.88	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	5.75	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.86	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.30	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.26	13	PASS
Band71	15MHz	16QAM	133297	1RB#0	6.07	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.98	13	PASS
Band71	15MHz	16QAM	133297	75RB#0	6.40	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.33	13	PASS
Band71	15MHz	16QAM	133397	1RB#0	6.23	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.91	13	PASS



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Band71	15MHz	16QAM	133397	75RB#0	6.34	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	4.91	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	5.55	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.55	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.26	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.07	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.66	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.66	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.36	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.47	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.24	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.67	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.30	13	PASS



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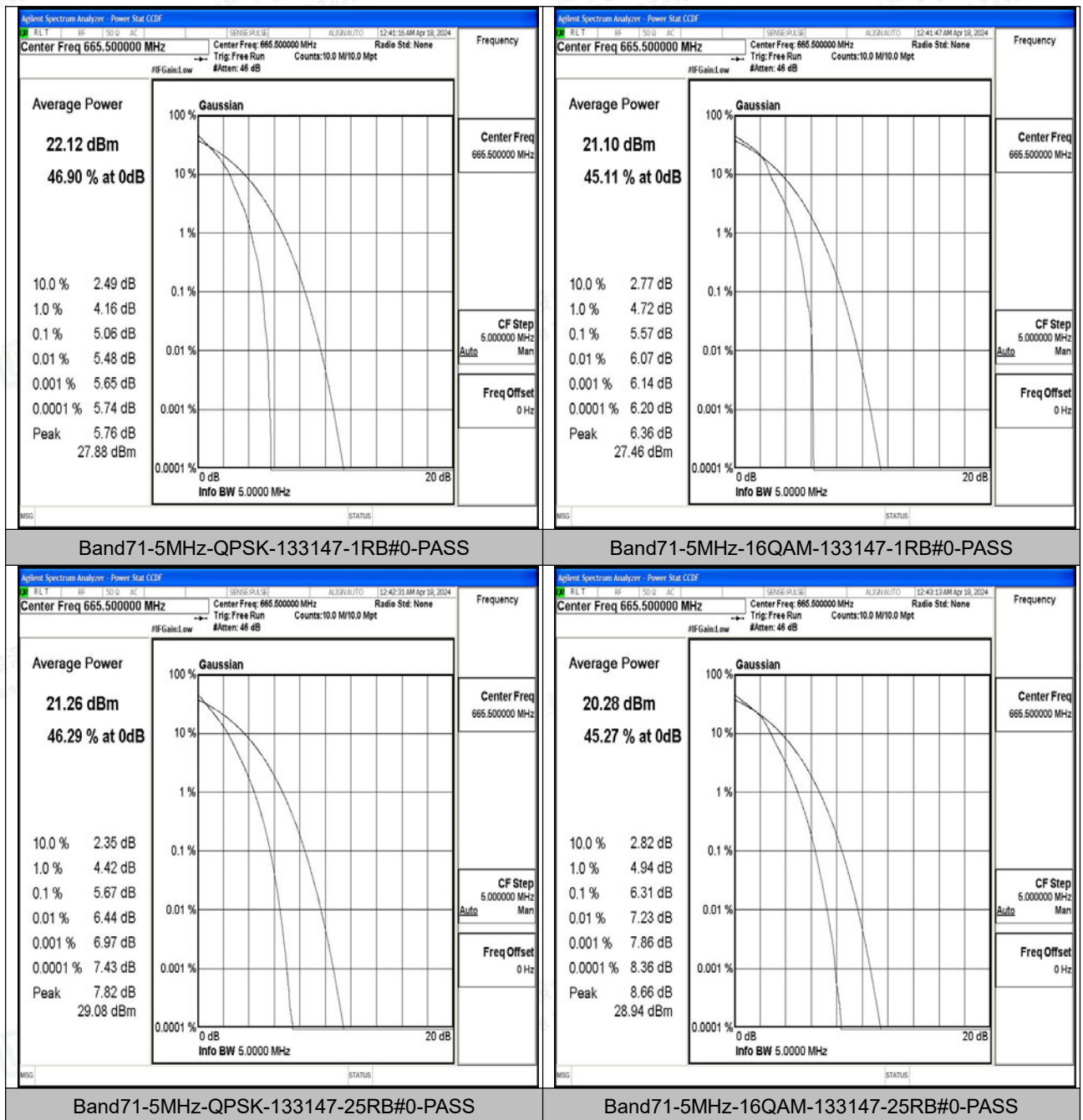
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

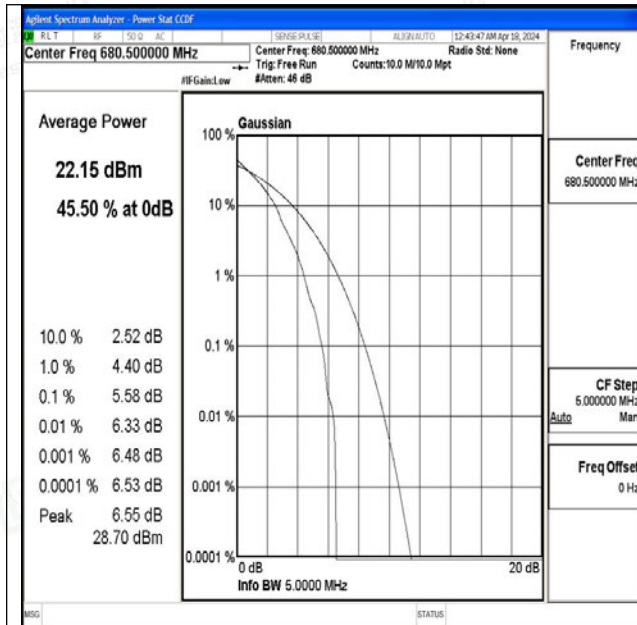
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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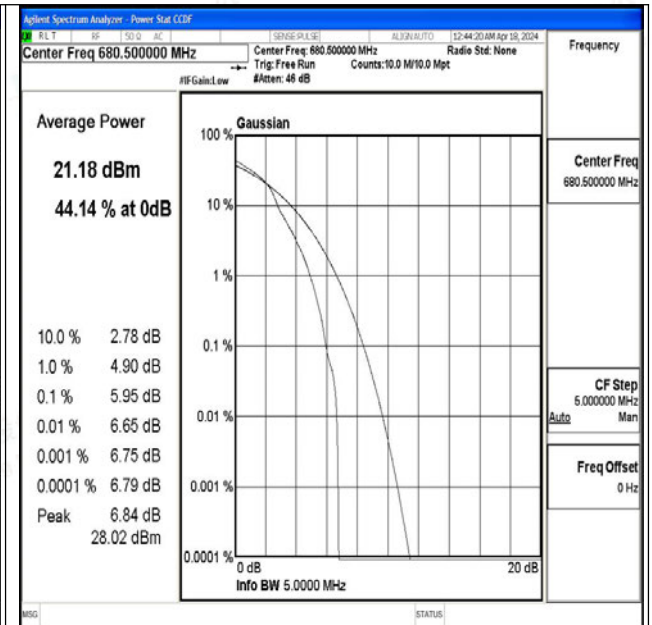


Test Graphs

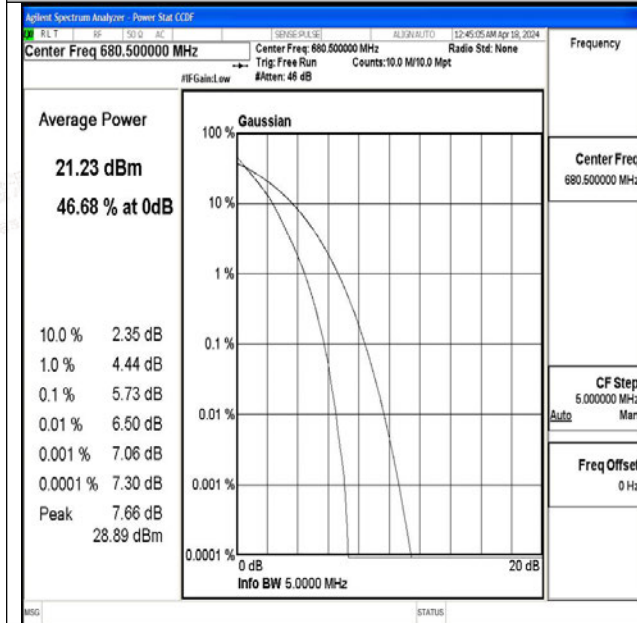




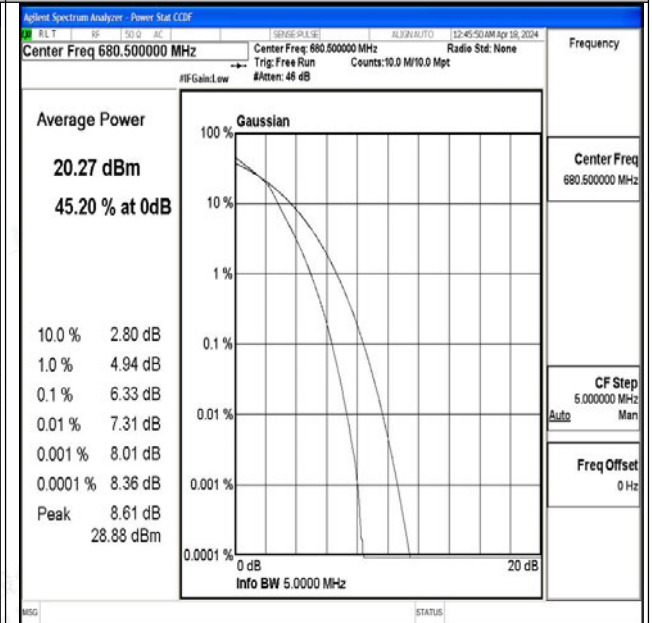
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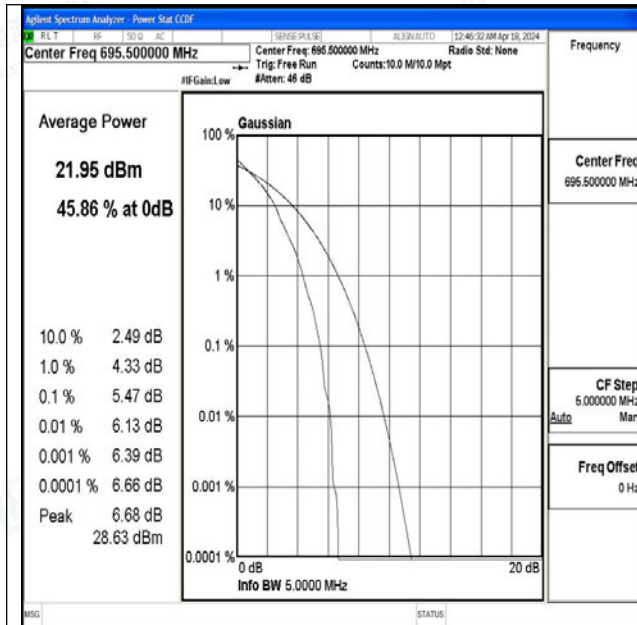


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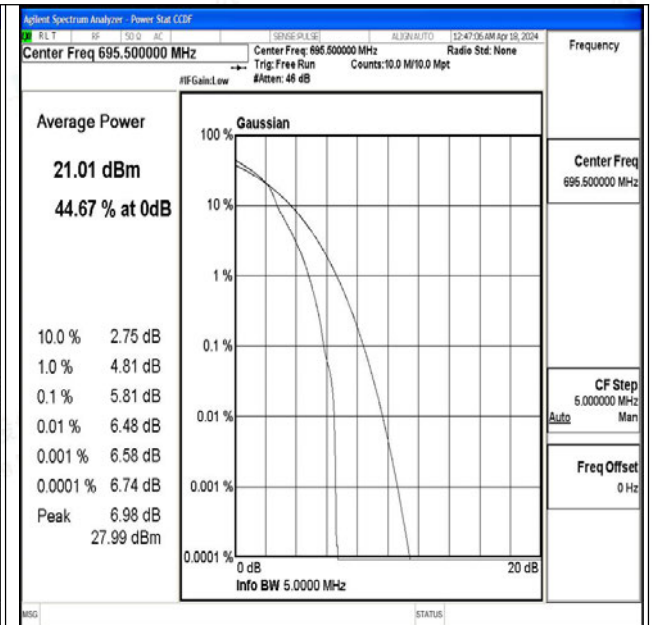
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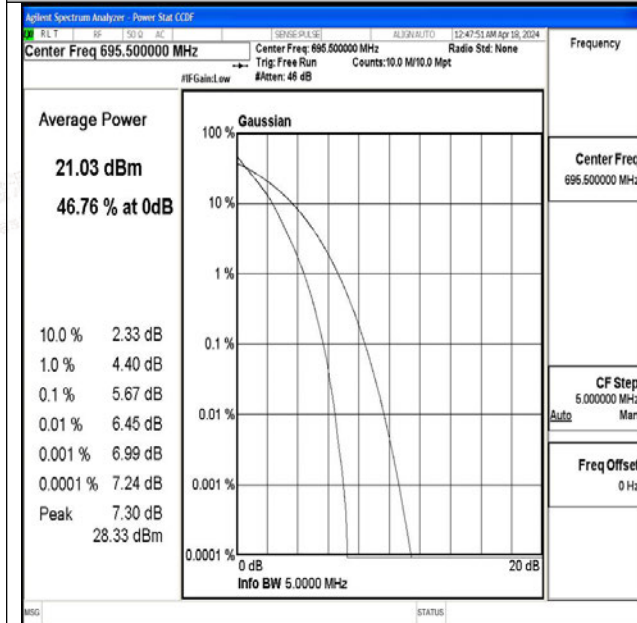
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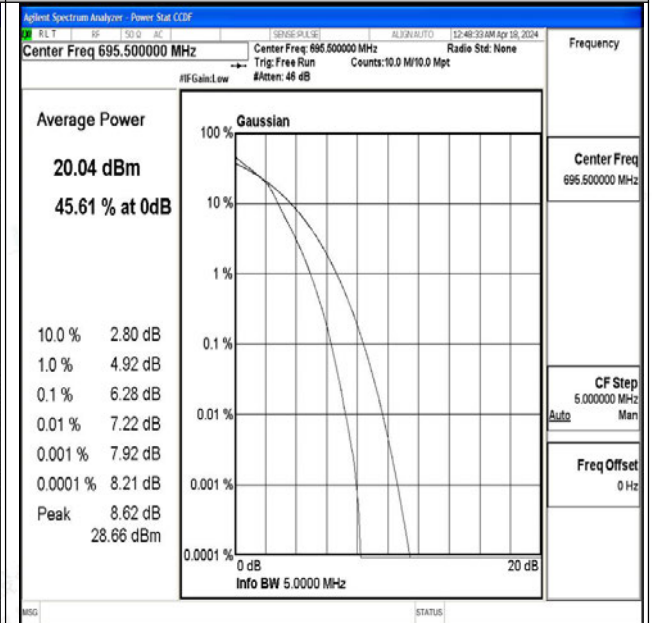
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Band71-5MHz-16QAM-133447-25RB#0-PASS

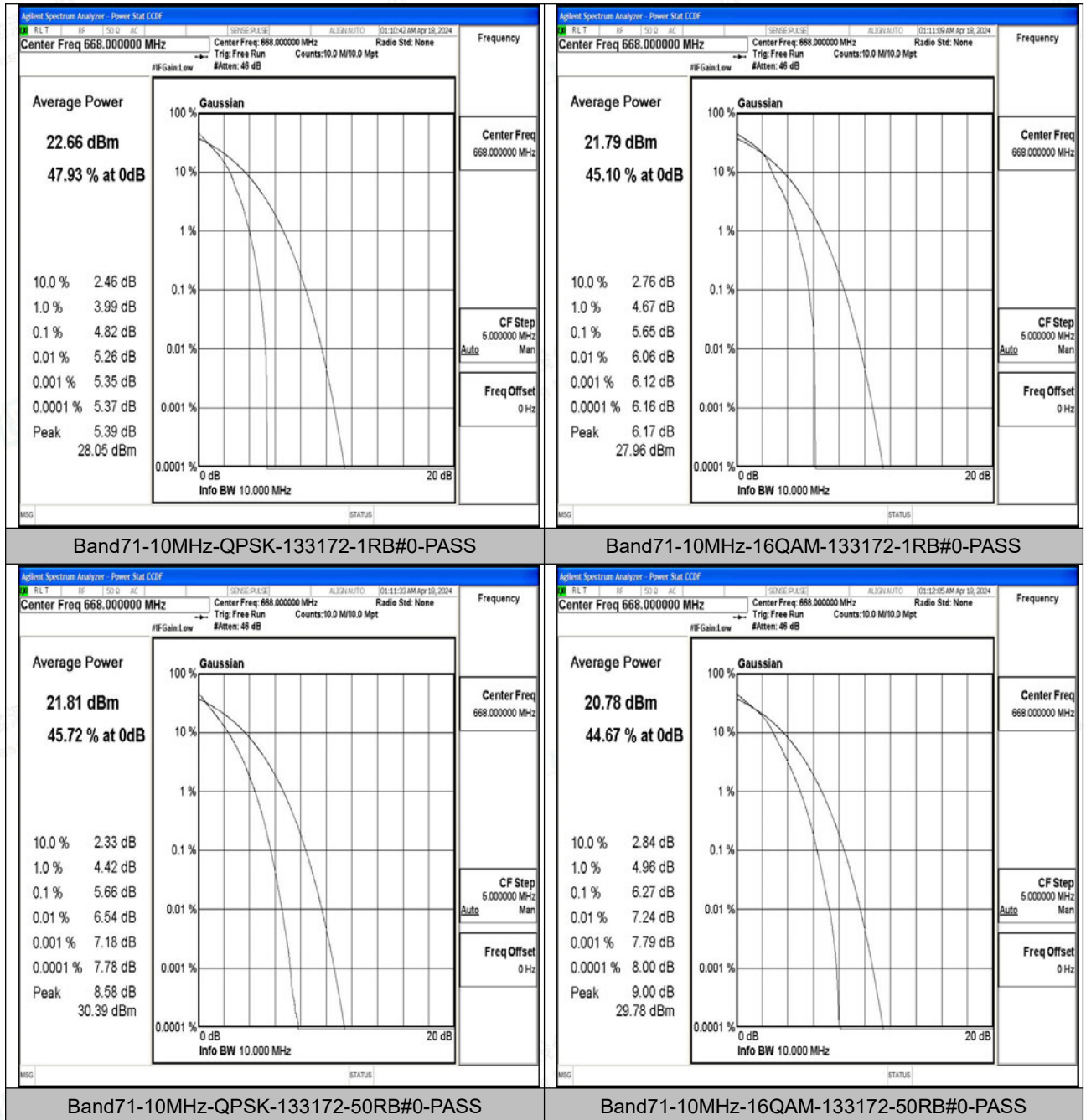


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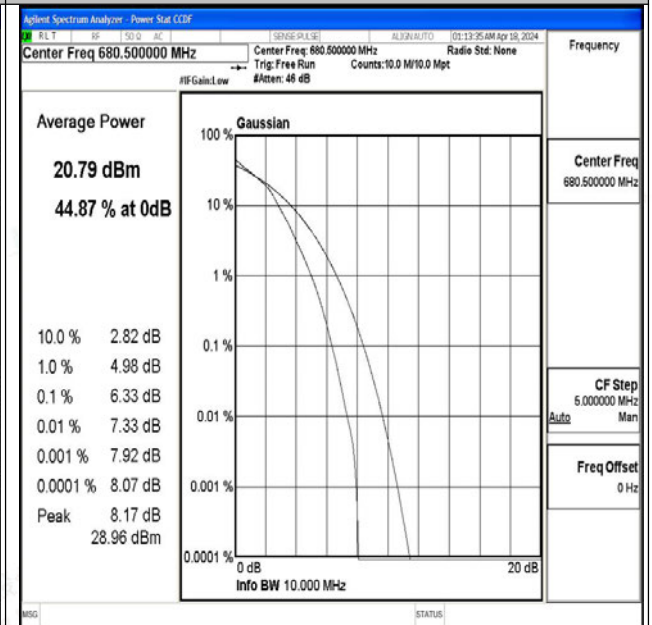
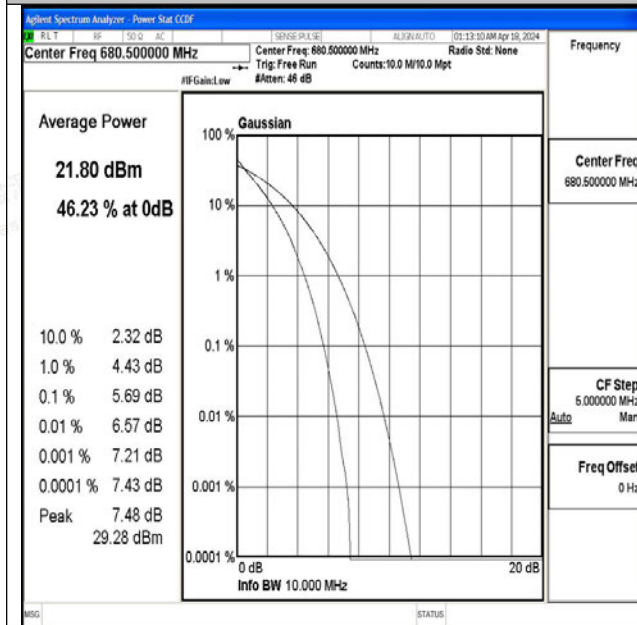
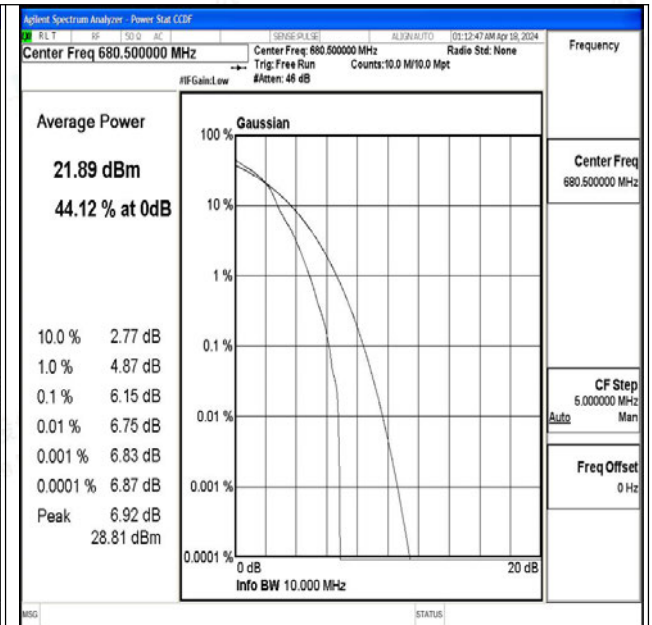
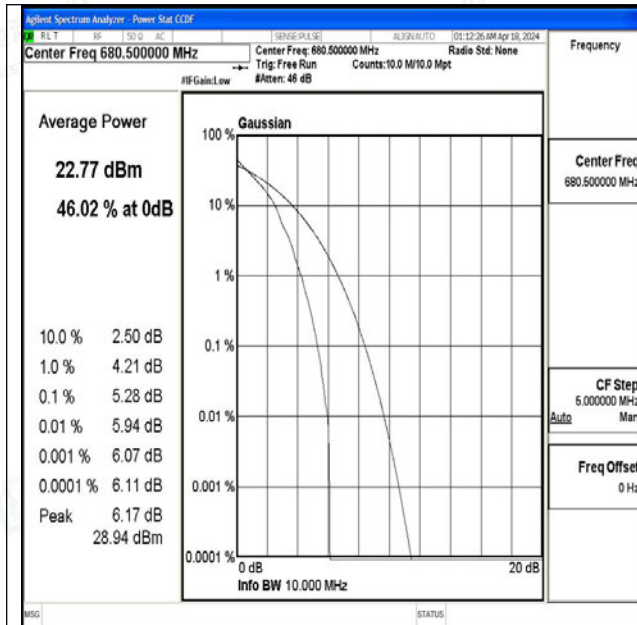


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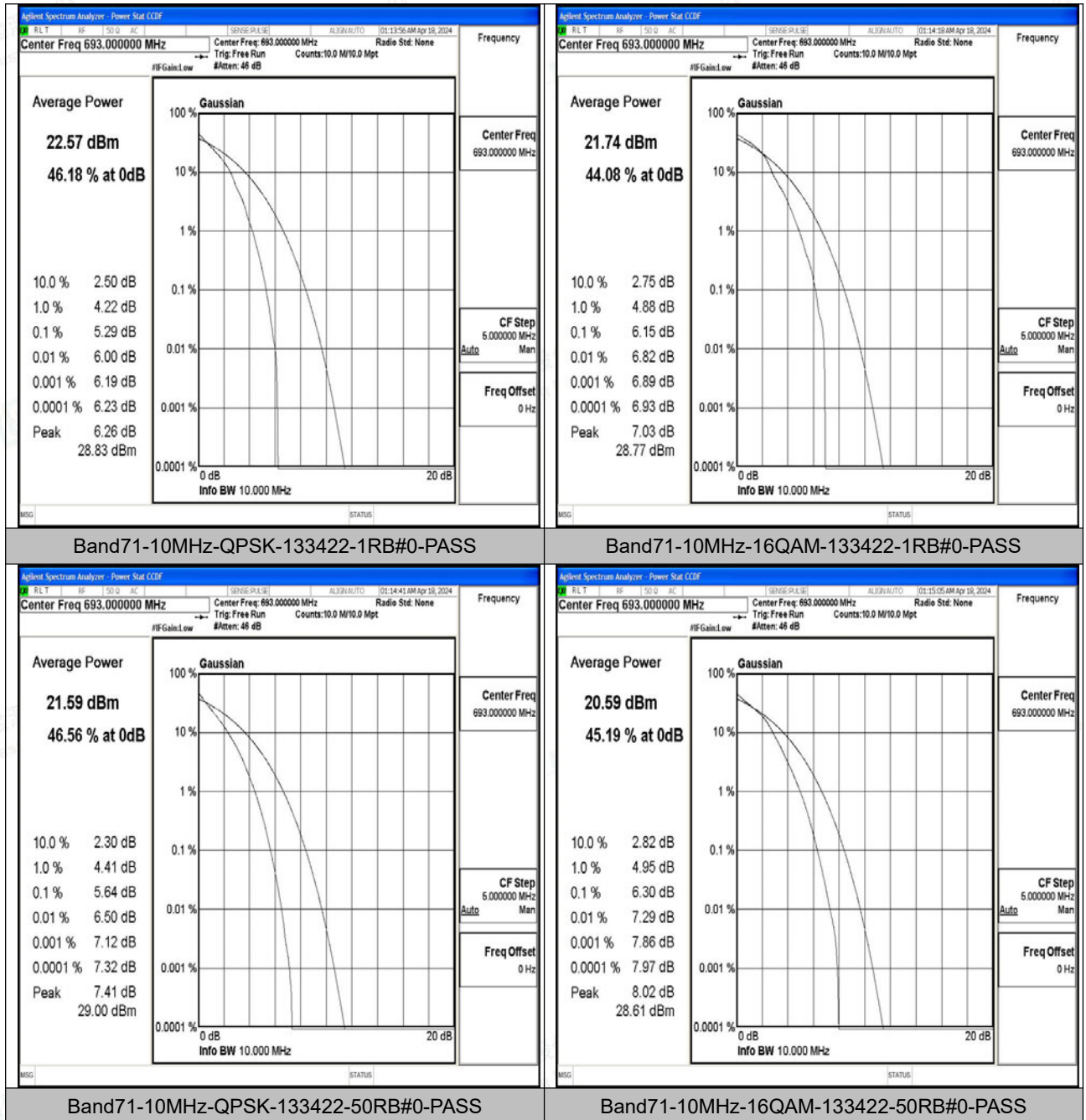


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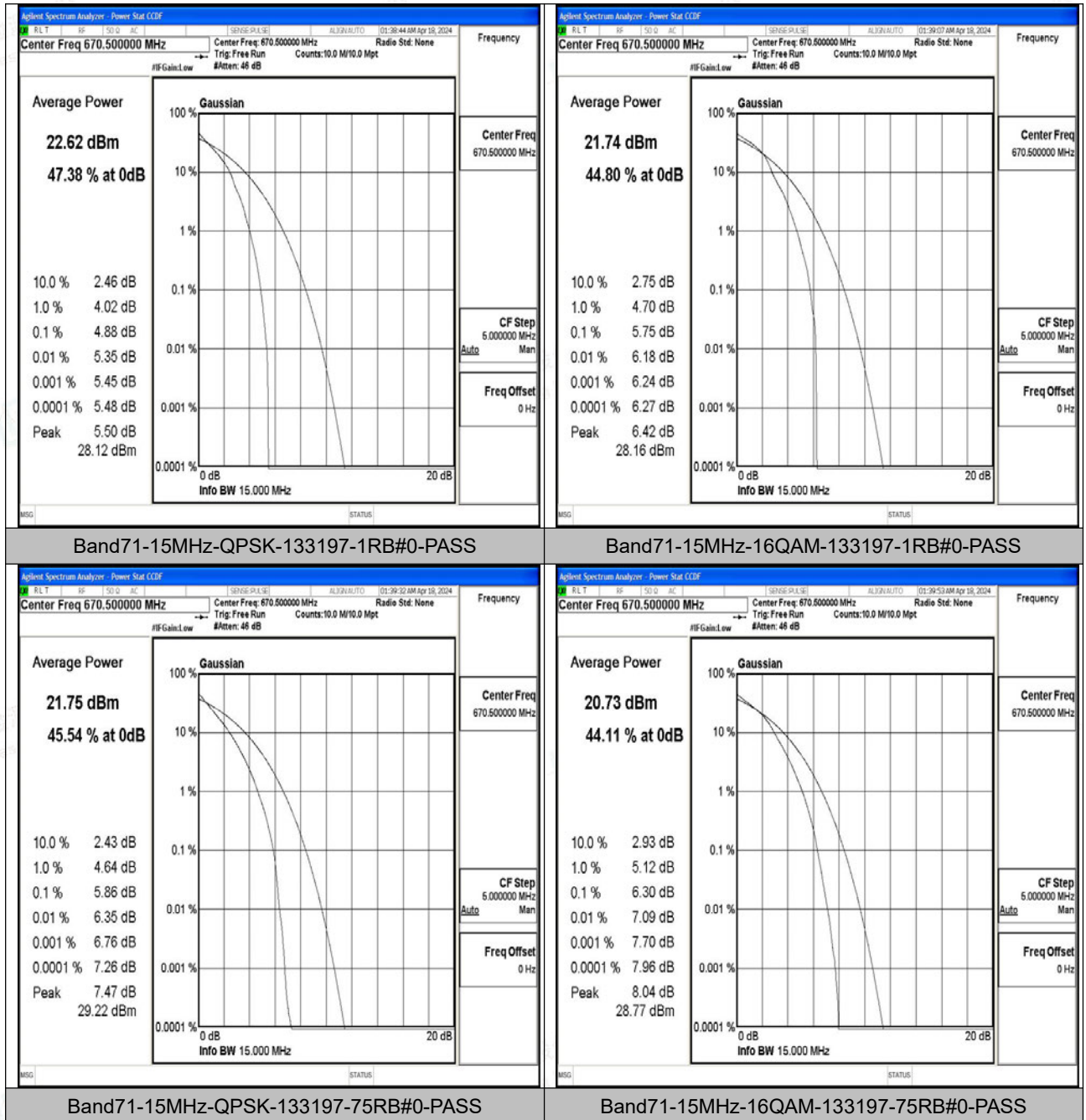


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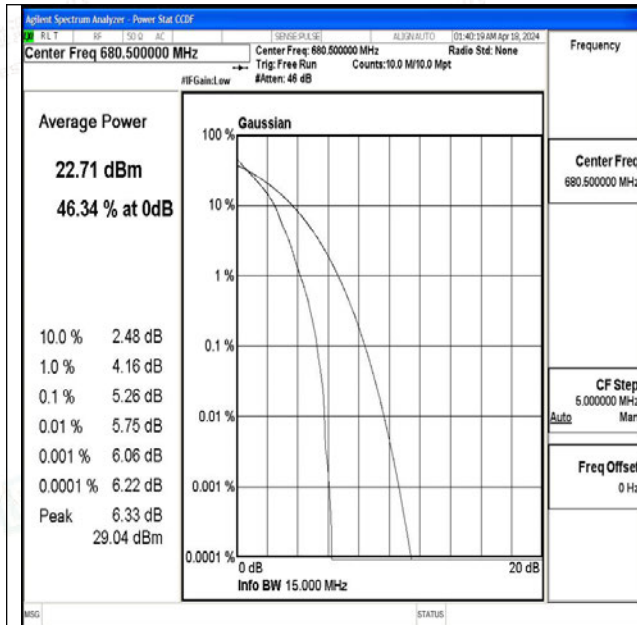


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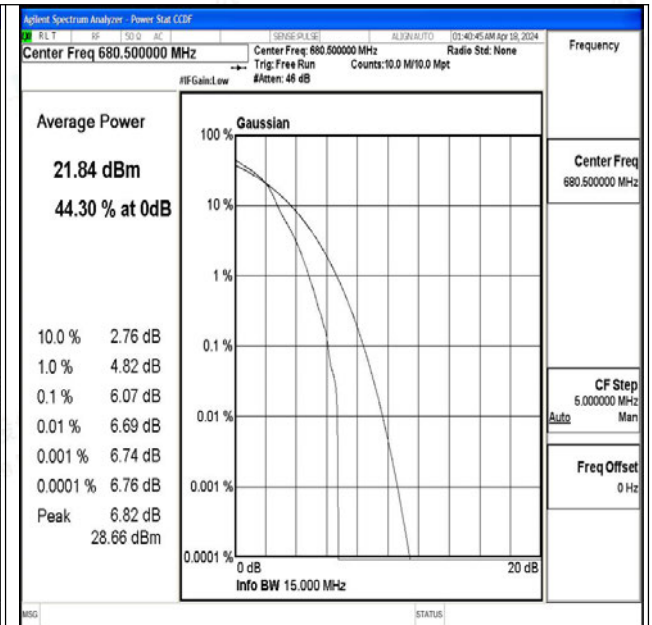
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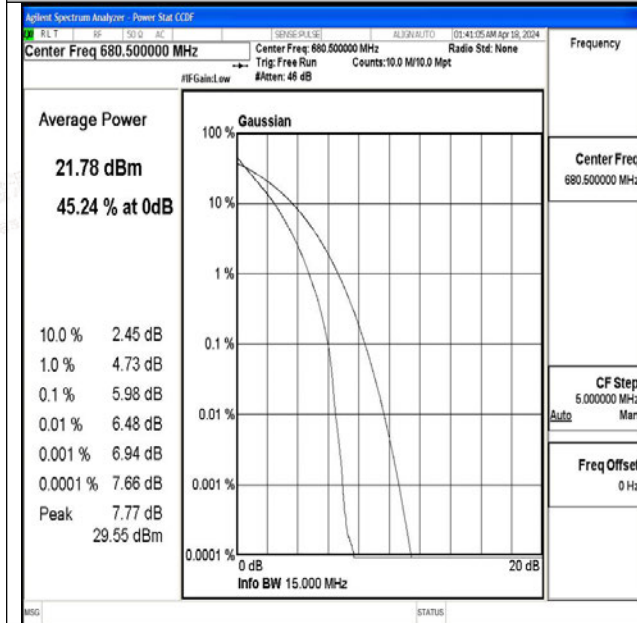
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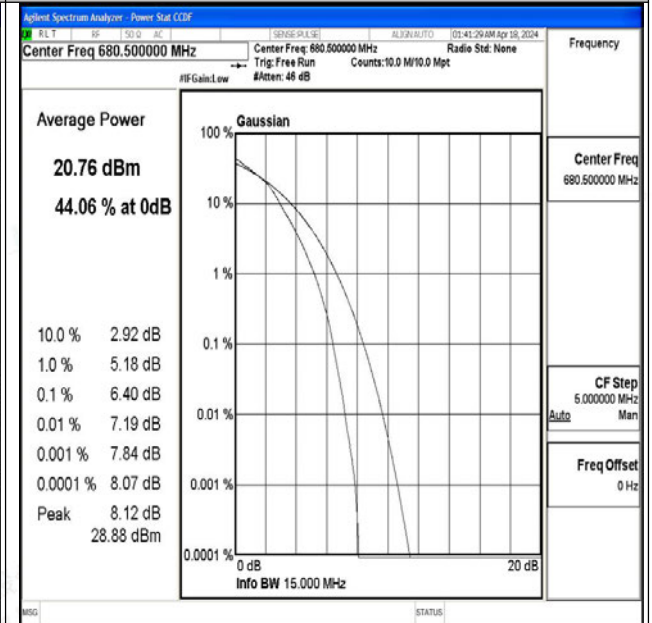
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Band71-15MHz-16QAM-133297-1RB#0-PASS



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



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

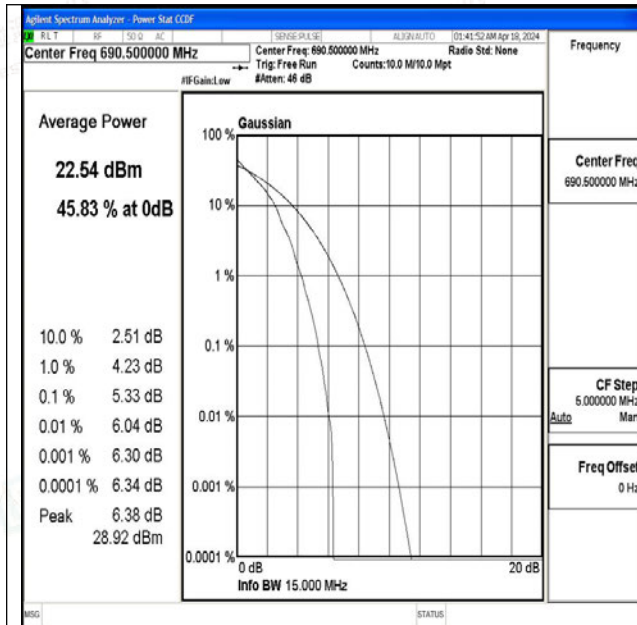


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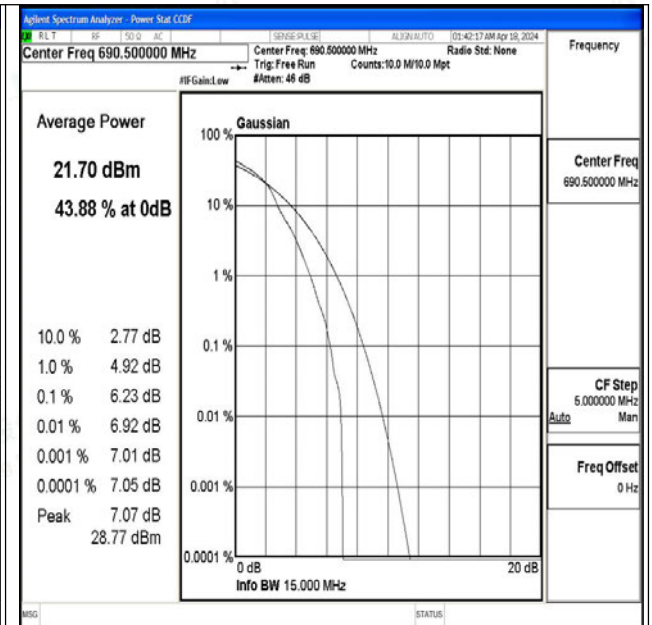
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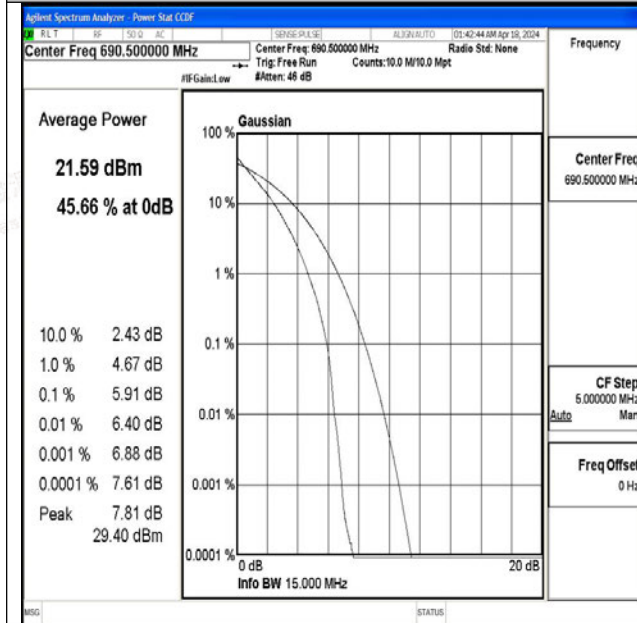
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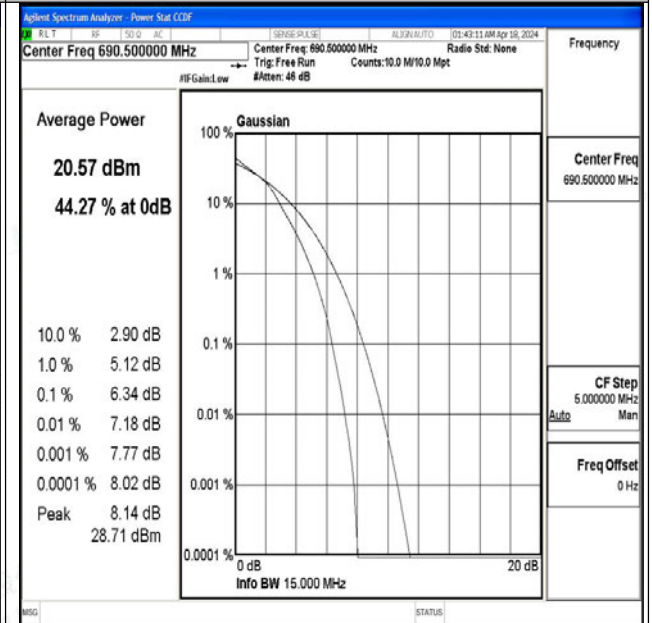
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Band71-15MHz-16QAM-133397-1RB#0-PASS



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



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

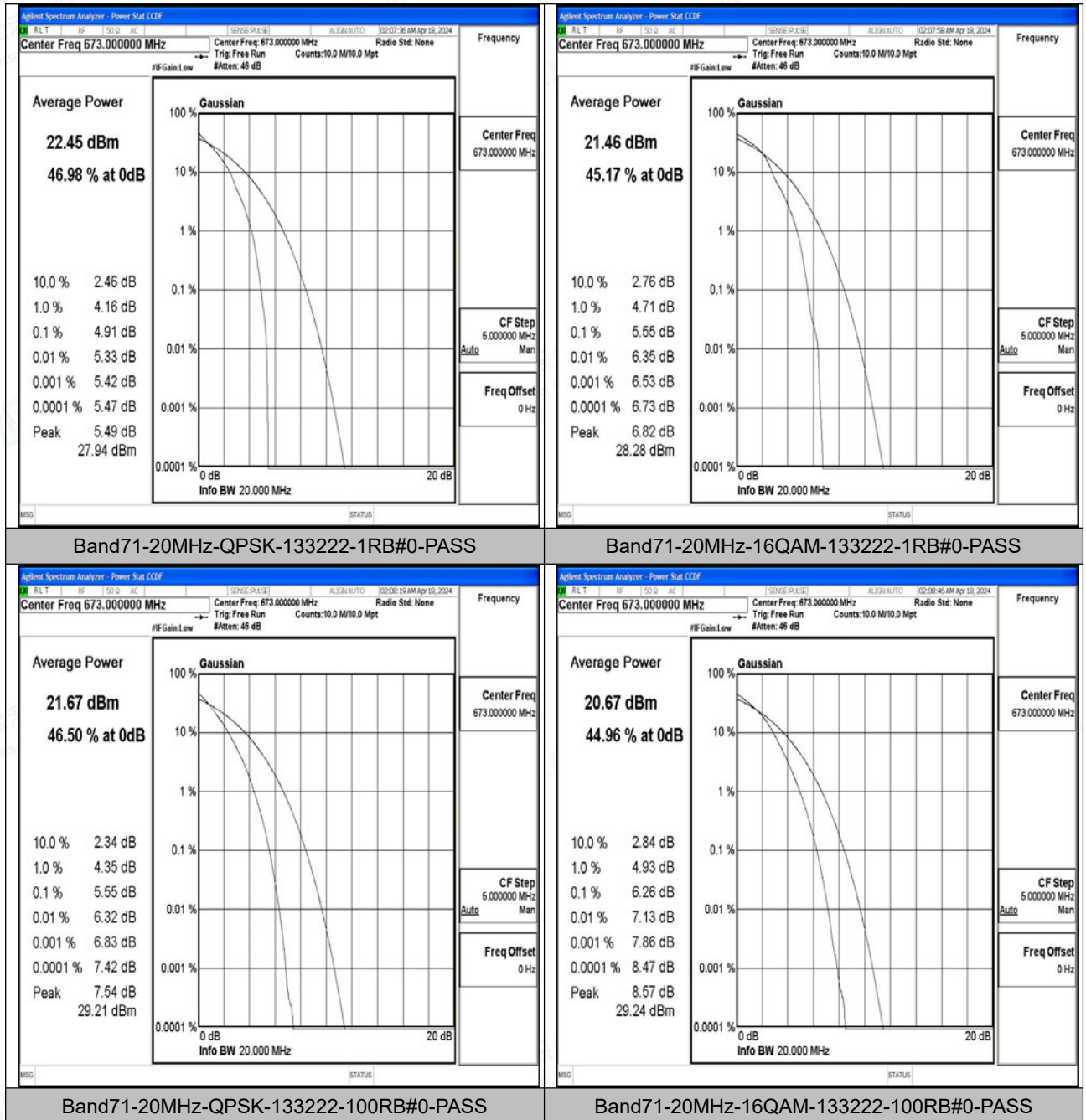


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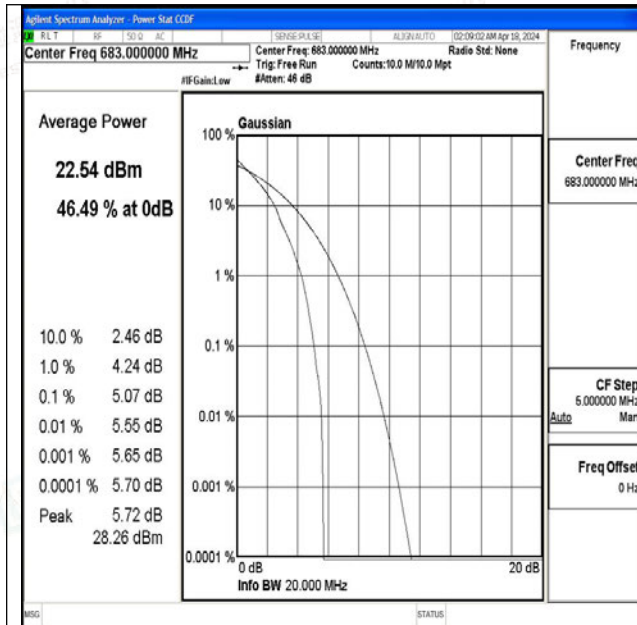


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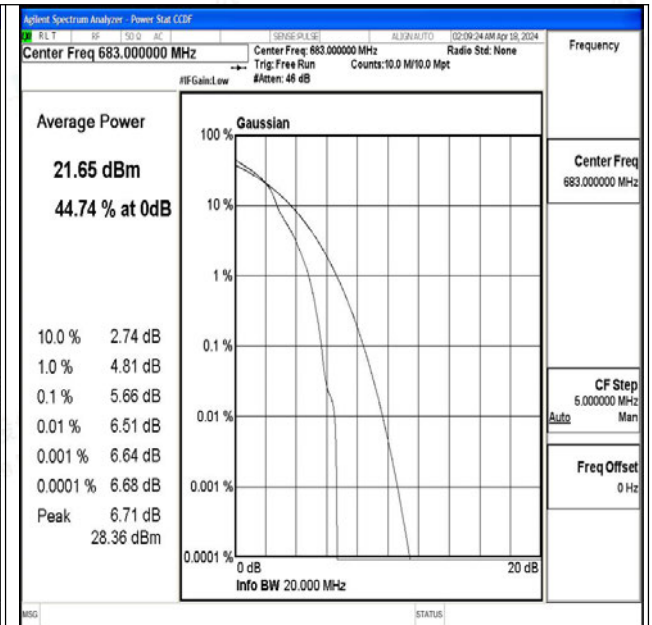
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

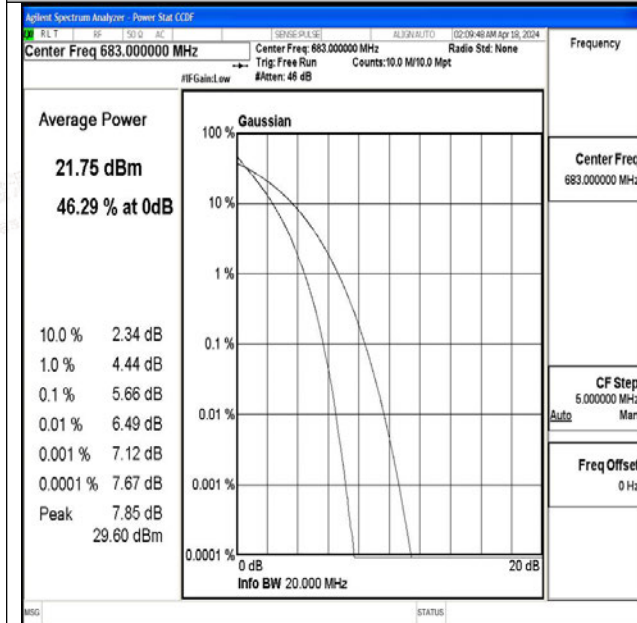
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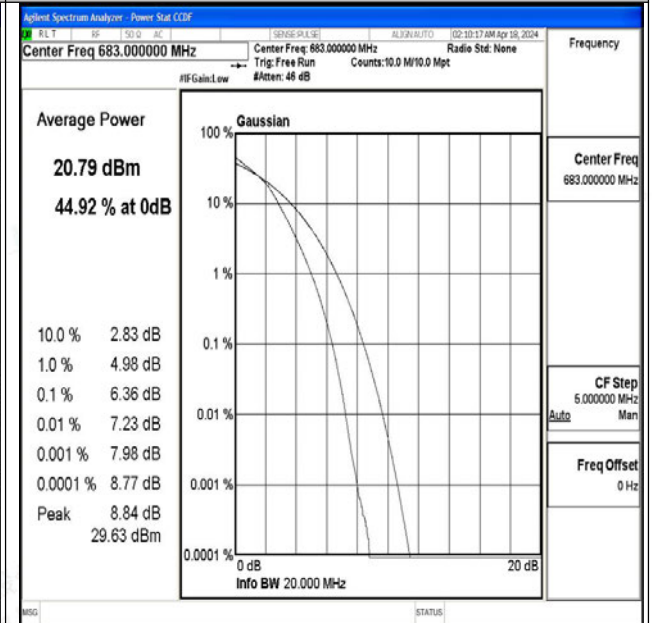
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Band71-20MHz-16QAM-133322-1RB#0-PASS



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



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

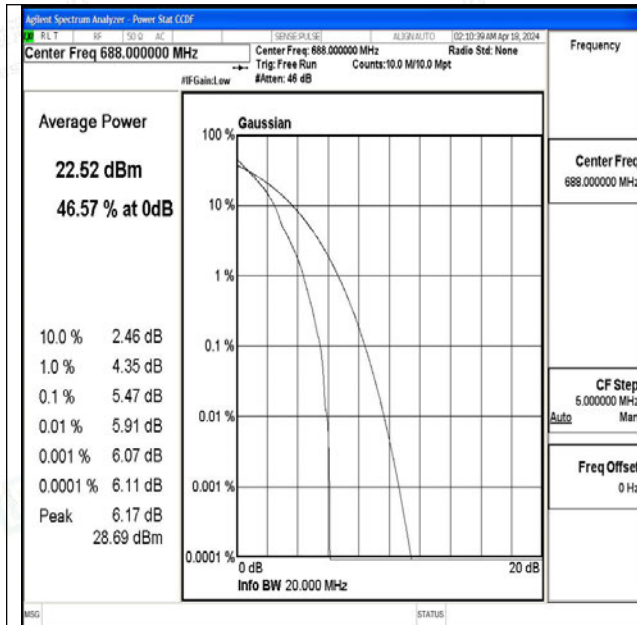


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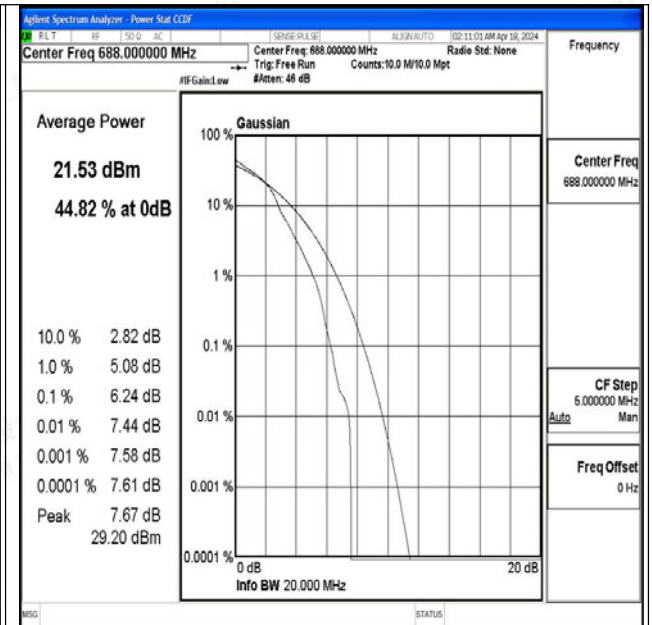
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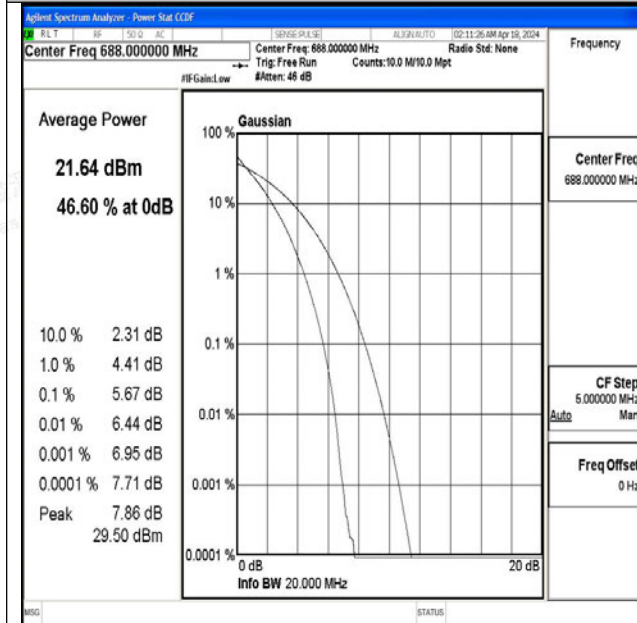
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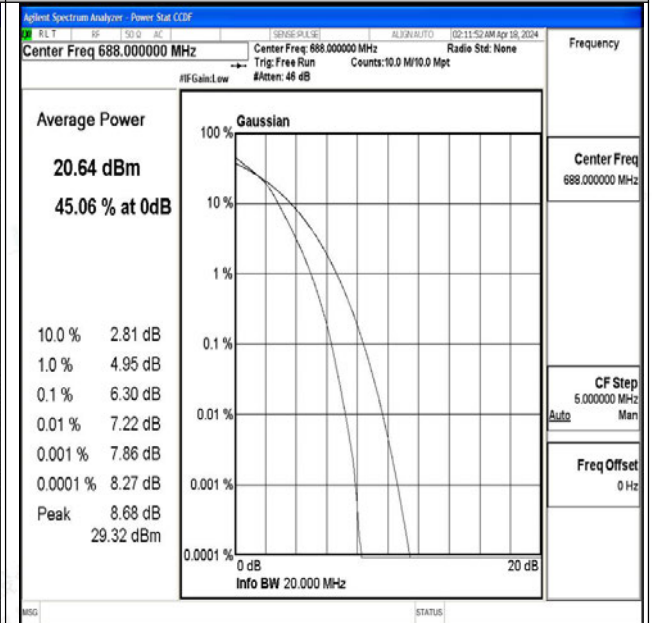
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Band71-20MHz-16QAM-133372-1RB#0-PASS



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



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



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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	4.5296	5.165	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5139	5.181	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5338	5.110	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5262	5.136	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5192	5.180	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5157	5.120	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0235	10.21	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9979	10.06	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0300	10.22	PASS
Band71	10MHz	16QAM	133297	50RB#0	9.0034	10.08	PASS
Band71	10MHz	QPSK	133422	50RB#0	9.0210	10.11	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9924	9.991	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.532	15.10	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.489	14.99	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.510	15.04	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.523	15.03	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.518	15.01	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.528	14.99	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.958	19.66	PASS
Band71	20MHz	16QAM	133222	100RB#0	18.014	19.78	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.983	19.68	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.972	19.84	PASS
Band71	20MHz	QPSK	133372	100RB#0	18.005	19.88	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.967	19.75	PASS



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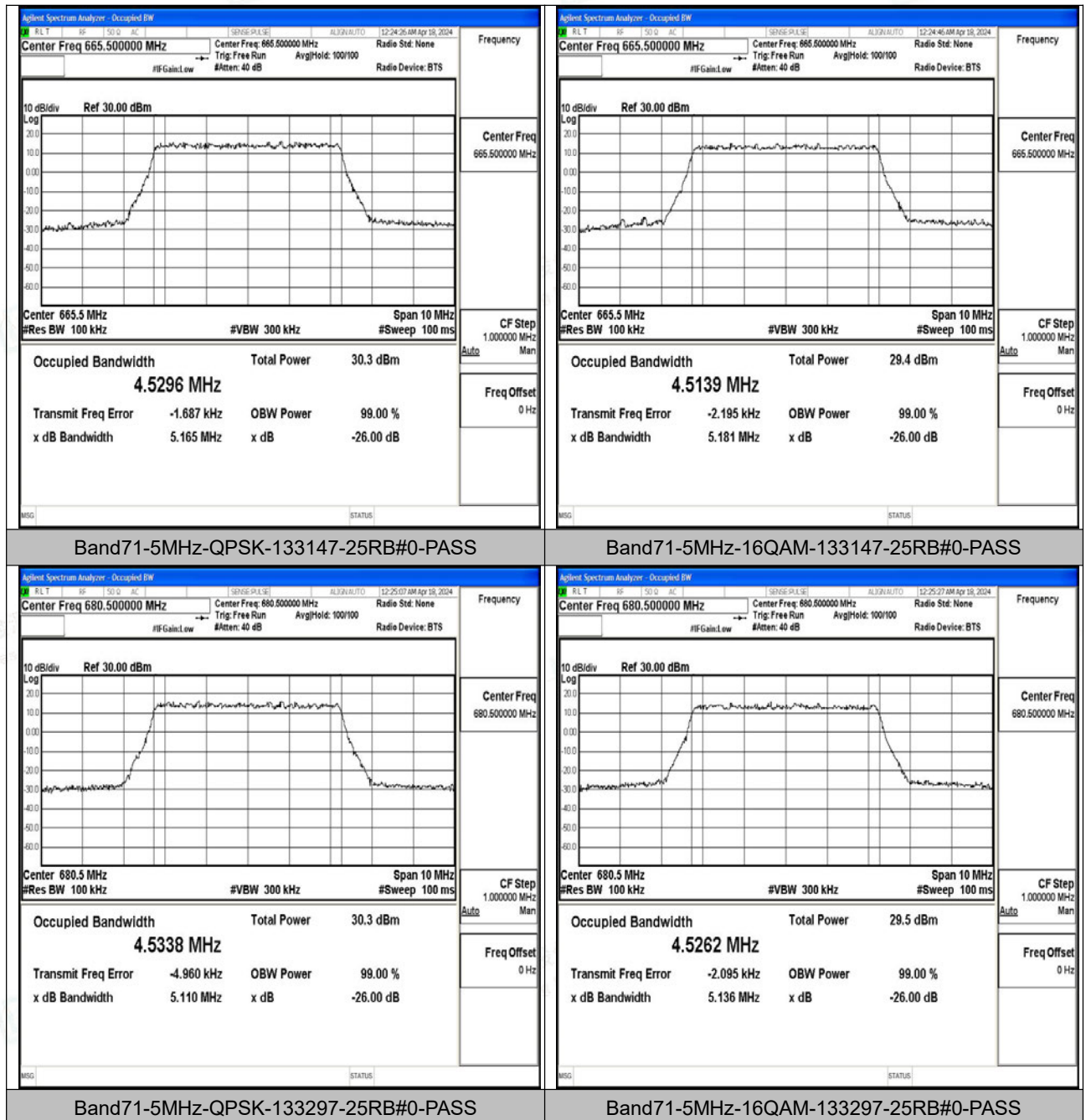
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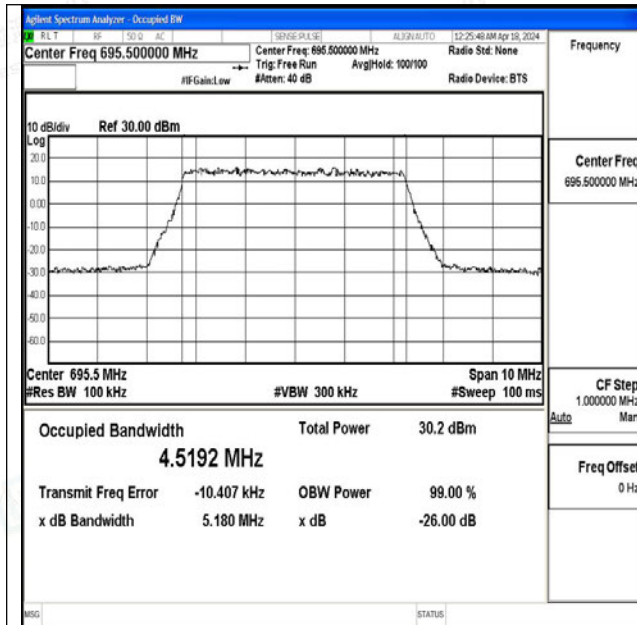
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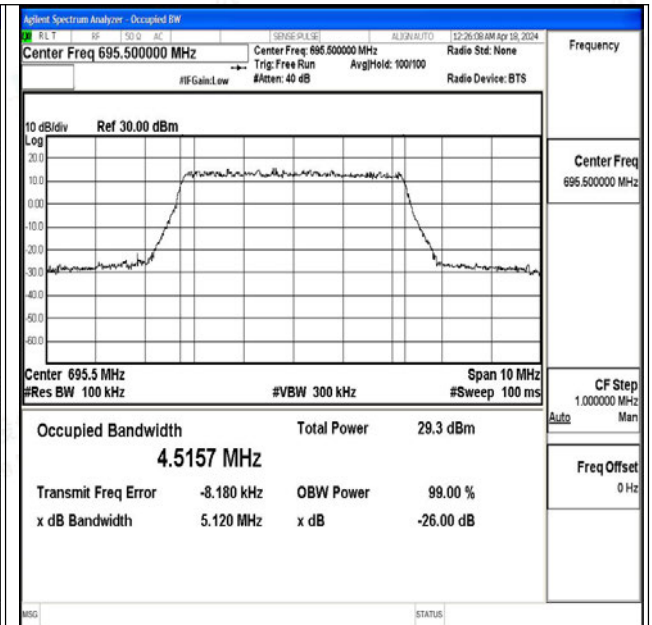


Test Graphs

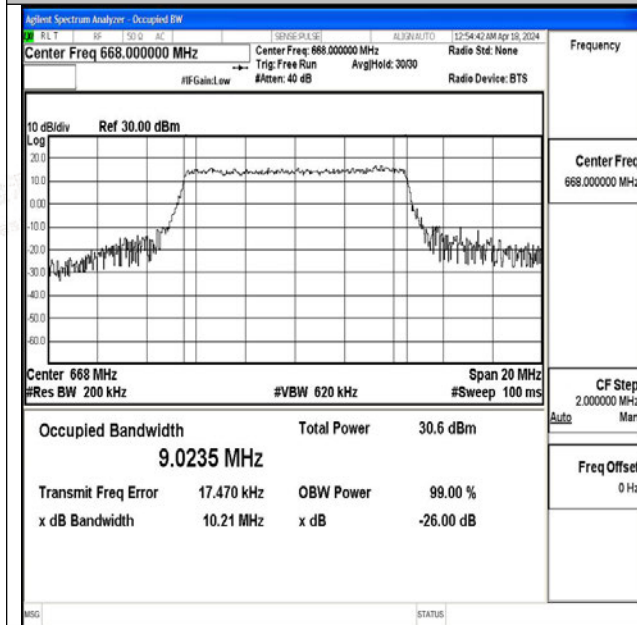




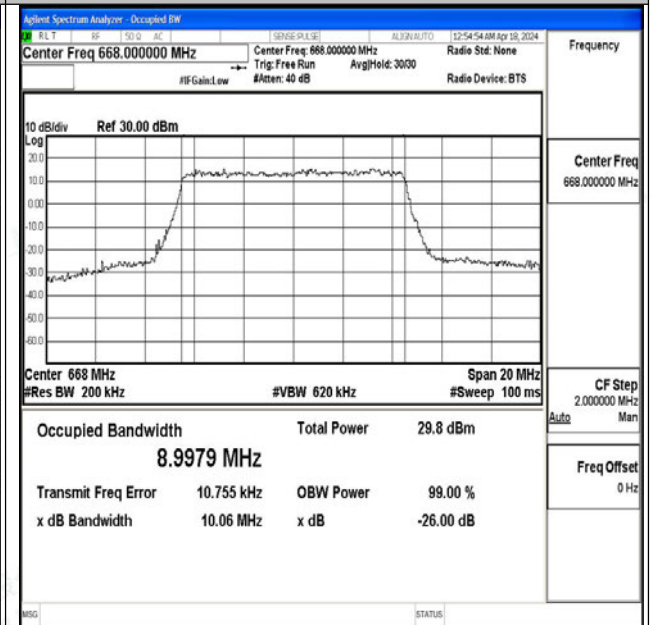
Band71-5MHz-QPSK-133447-25RB#0-PASS



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

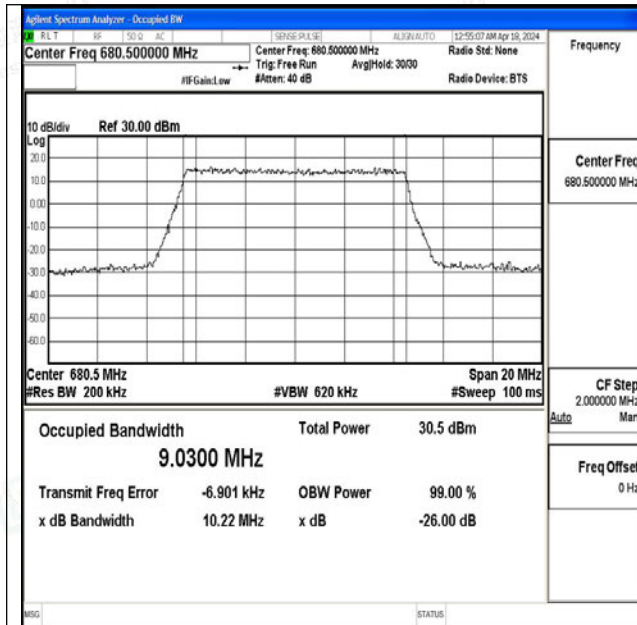


Band71-10MHz-QPSK-133172-50RB#0-PASS

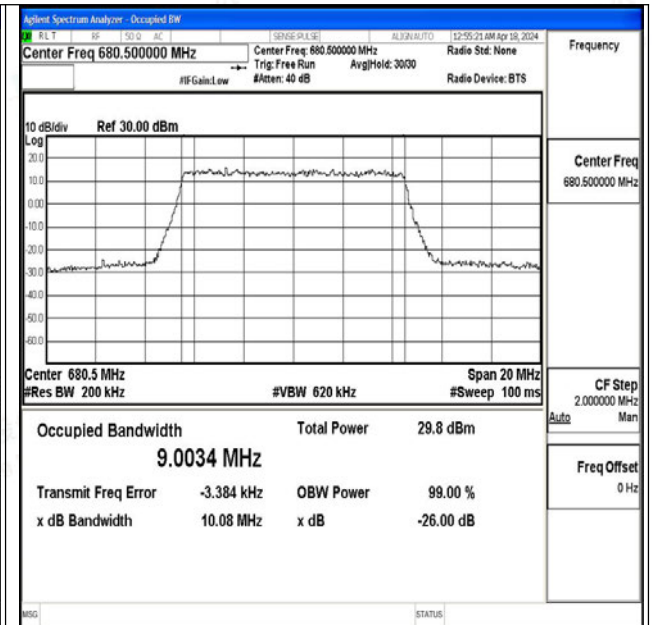


Band71-10MHz-16QAM-133172-50RB#0-PASS

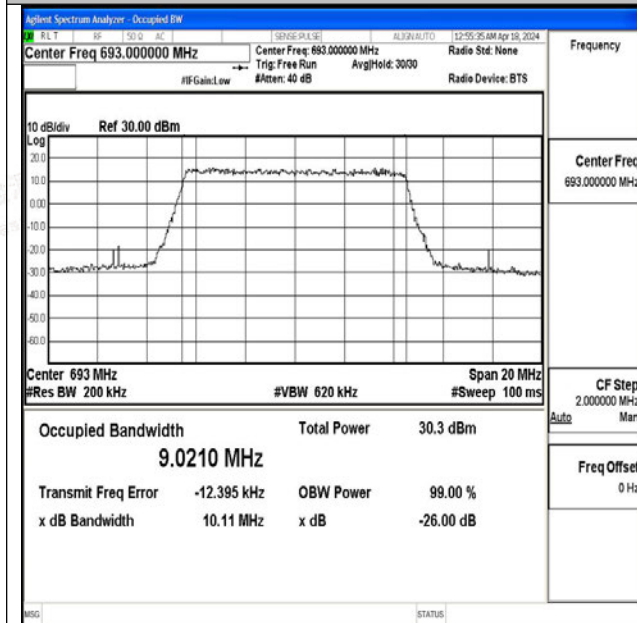




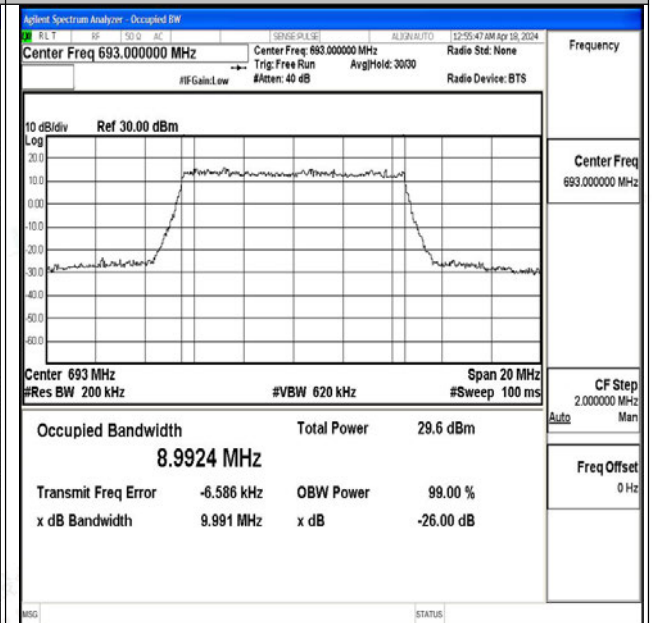
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Band71-10MHz-16QAM-133297-50RB#0-PASS



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



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

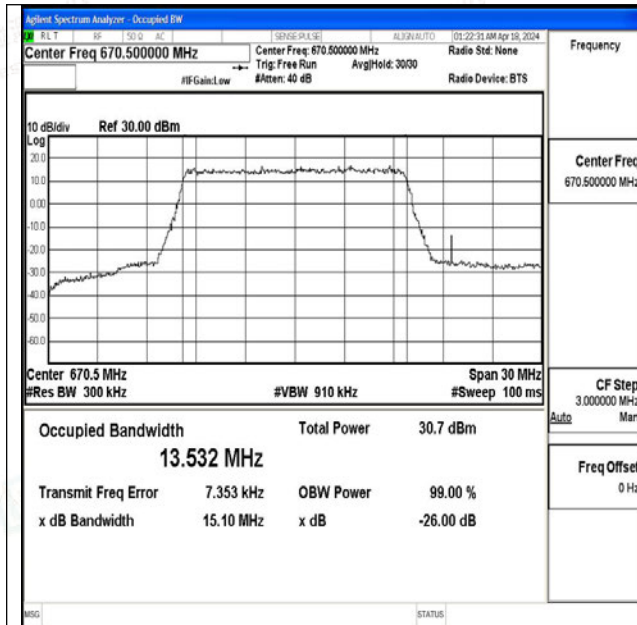


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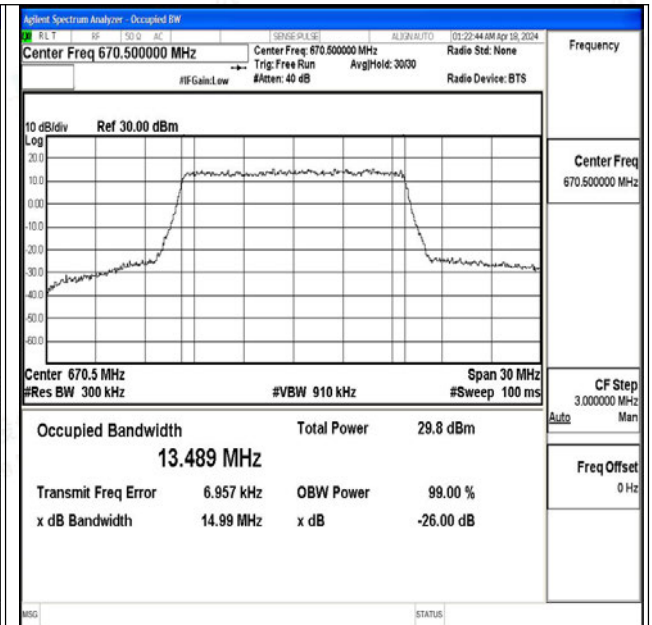
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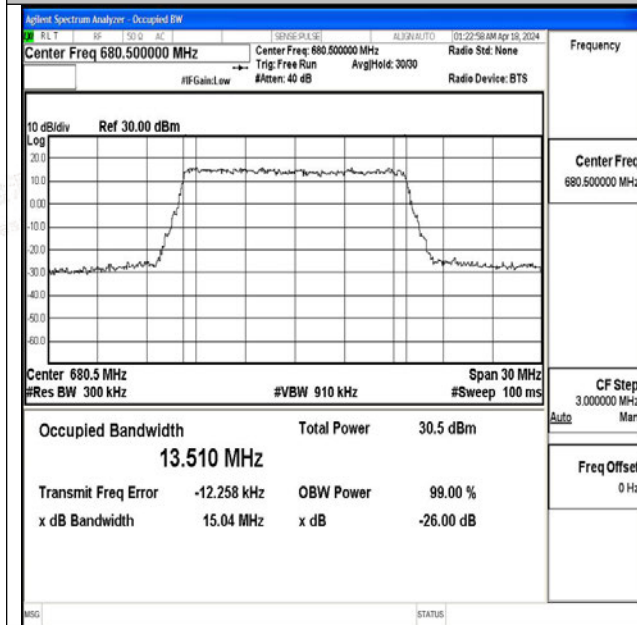
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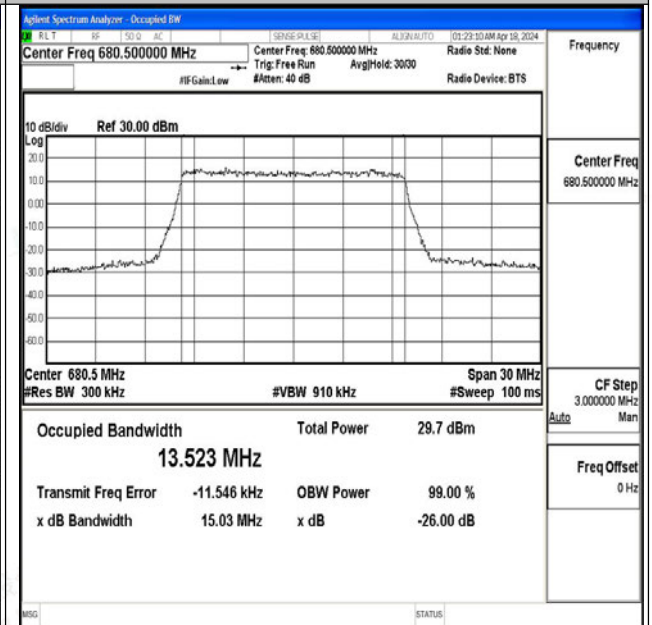
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Band71-15MHz-16QAM-133197-75RB#0-PASS

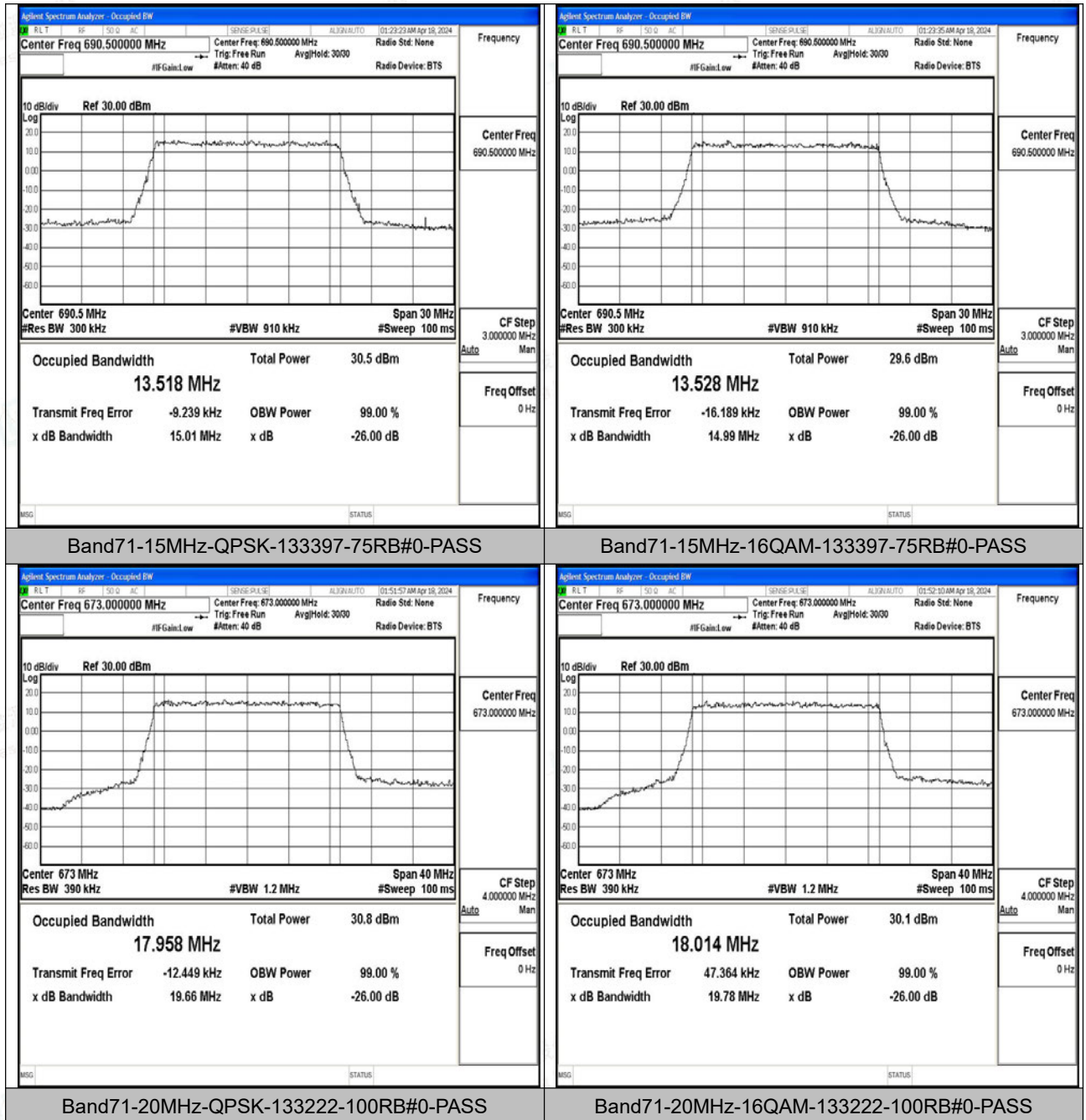


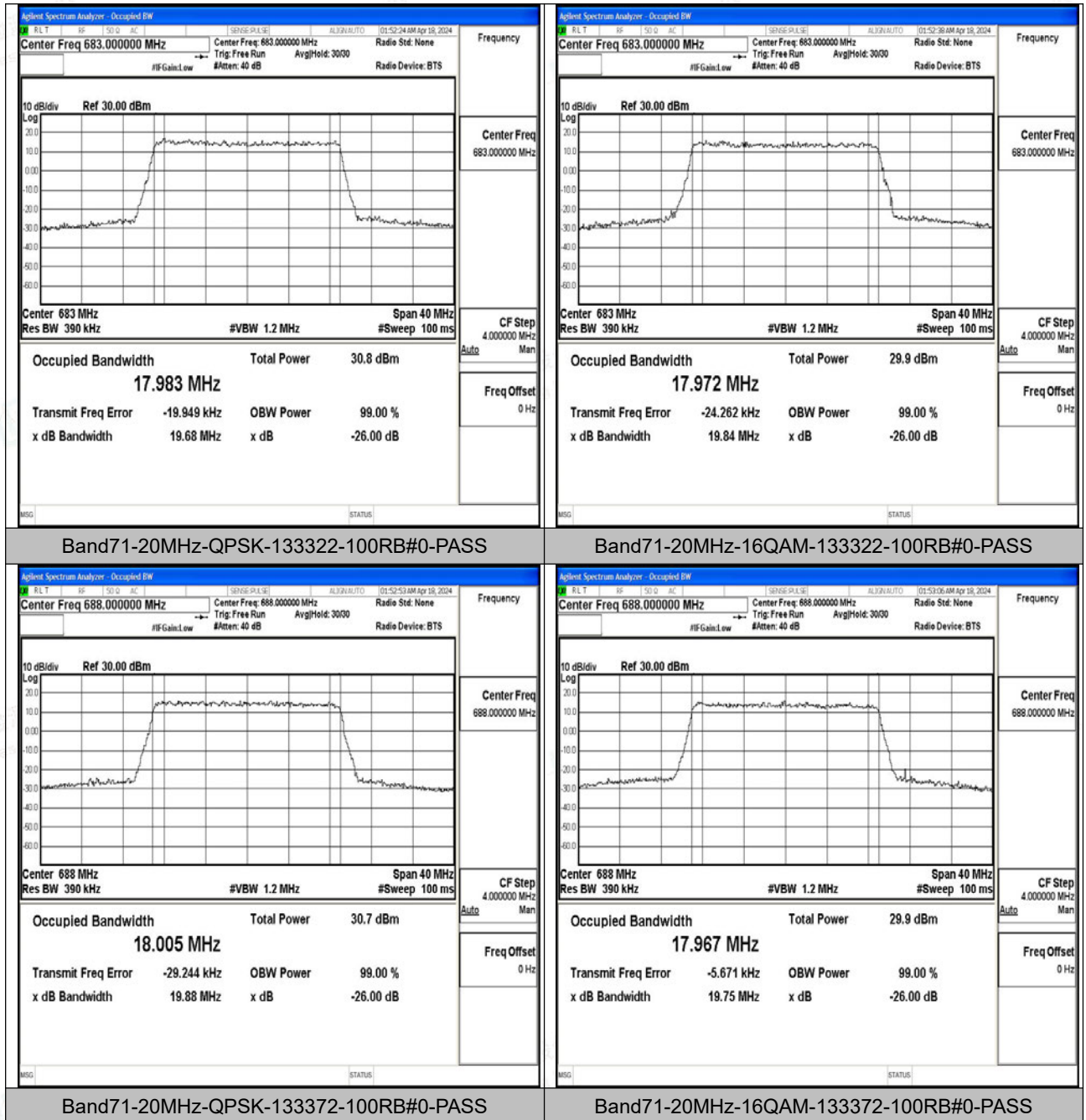
Band71-15MHz-QPSK-133297-75RB#0-PASS



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







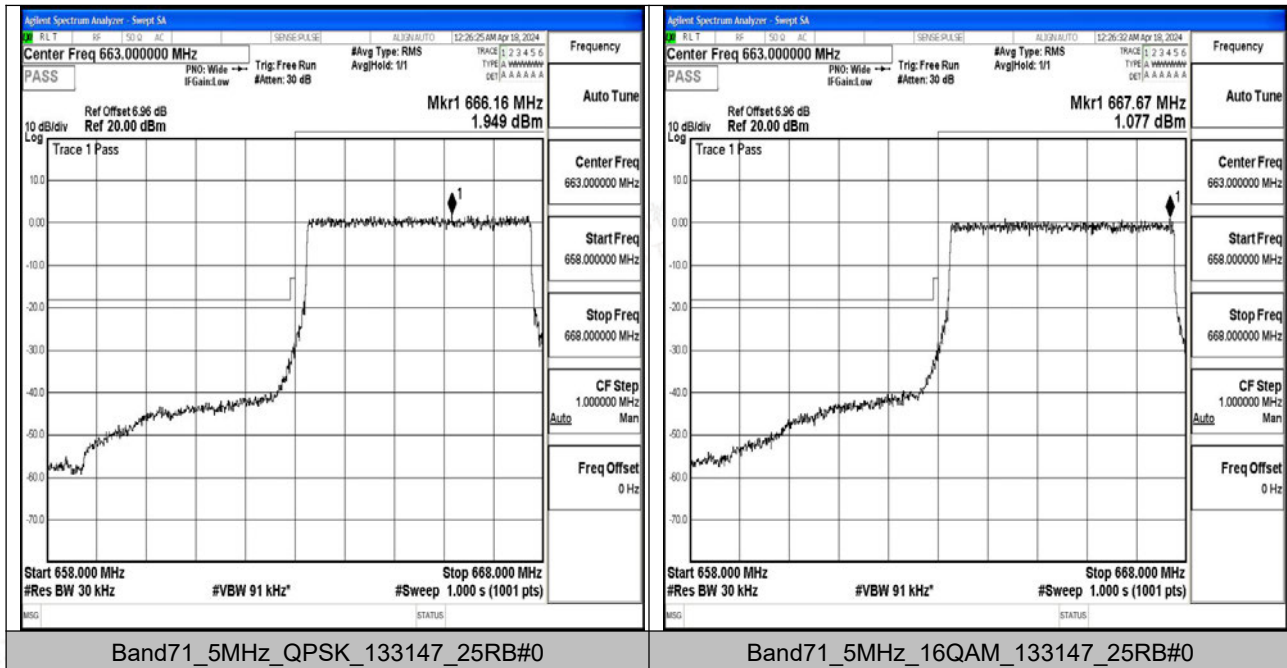


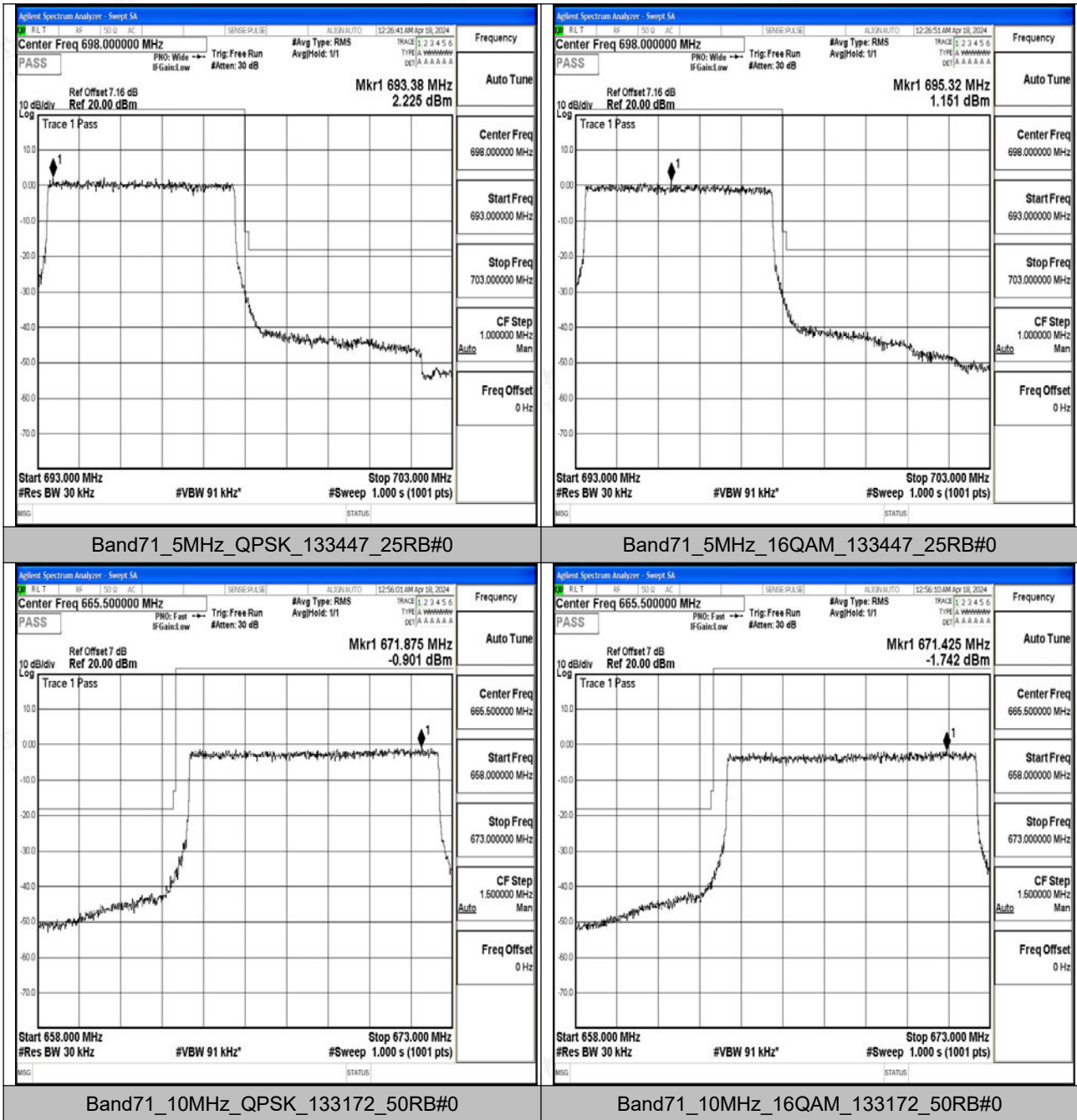
P.4 Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	-32.07	PASS
Band71	5MHz	16QAM	133147	25RB#0	-32.40	PASS
Band71	5MHz	QPSK	133447	25RB#0	-33.78	PASS
Band71	5MHz	16QAM	133447	25RB#0	-33.57	PASS
Band71	10MHz	QPSK	133172	50RB#0	-37.14	PASS
Band71	10MHz	16QAM	133172	50RB#0	-38.94	PASS
Band71	10MHz	QPSK	133422	50RB#0	-39.27	PASS
Band71	10MHz	16QAM	133422	50RB#0	-39.76	PASS
Band71	15MHz	QPSK	133197	75RB#0	-40.75	PASS
Band71	15MHz	16QAM	133197	75RB#0	-40.75	PASS
Band71	15MHz	QPSK	133397	75RB#0	-41.00	PASS
Band71	15MHz	16QAM	133397	75RB#0	-42.78	PASS
Band71	20MHz	QPSK	133222	100RB#0	-44.46	PASS
Band71	20MHz	16QAM	133222	100RB#0	-43.94	PASS
Band71	20MHz	QPSK	133372	100RB#0	-43.44	PASS
Band71	20MHz	16QAM	133372	100RB#0	-43.33	PASS

Test Graphs



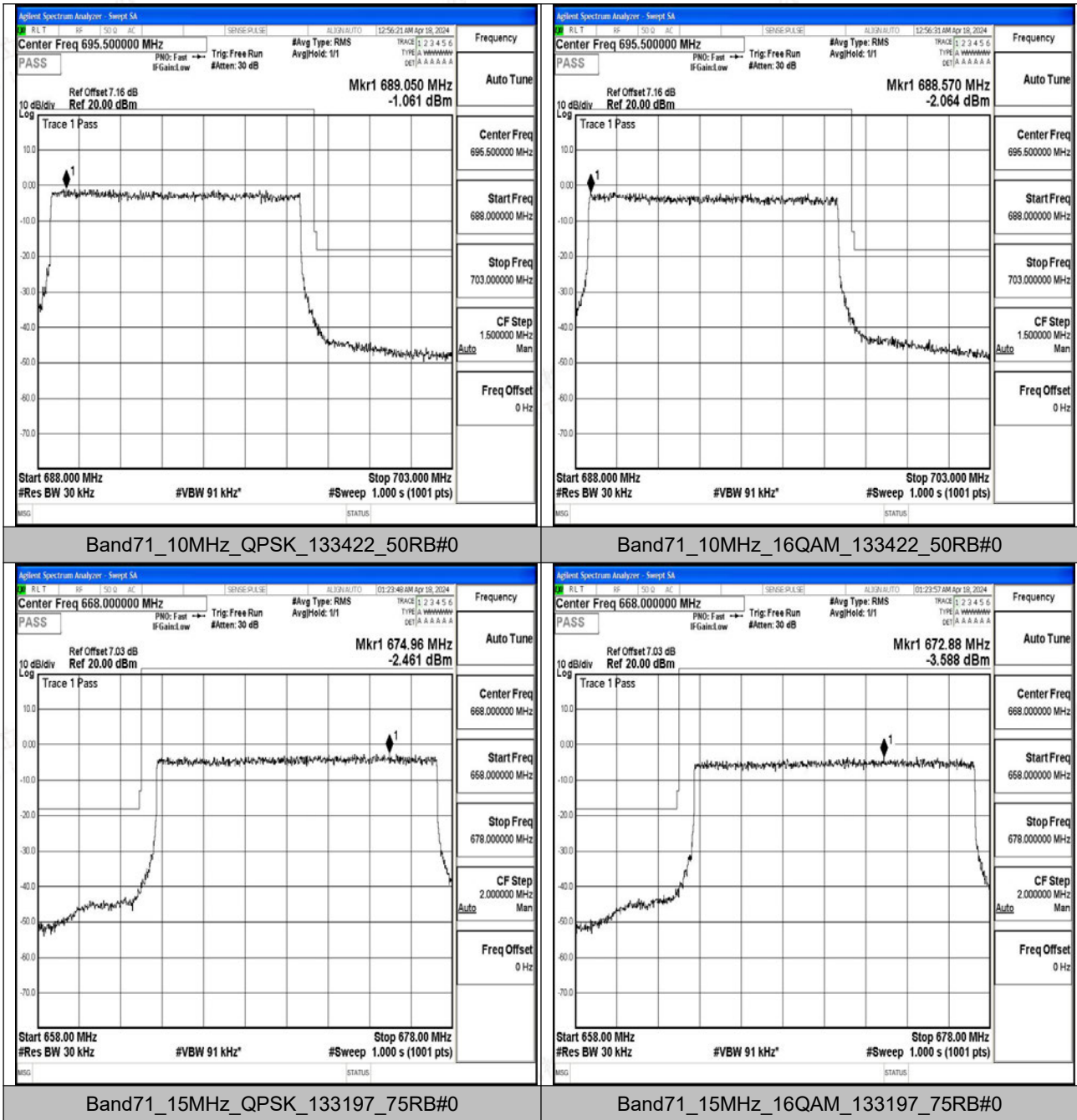


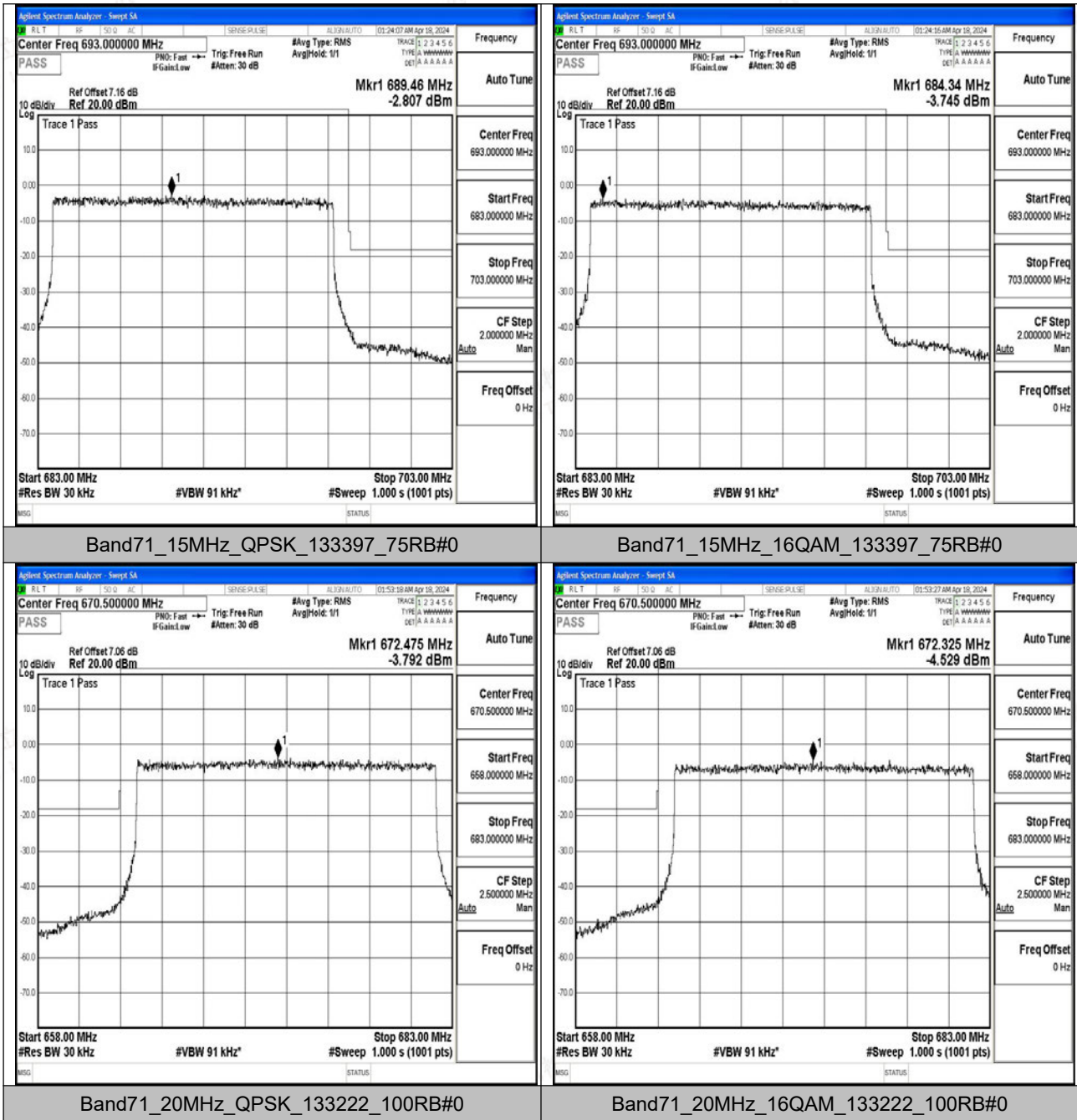
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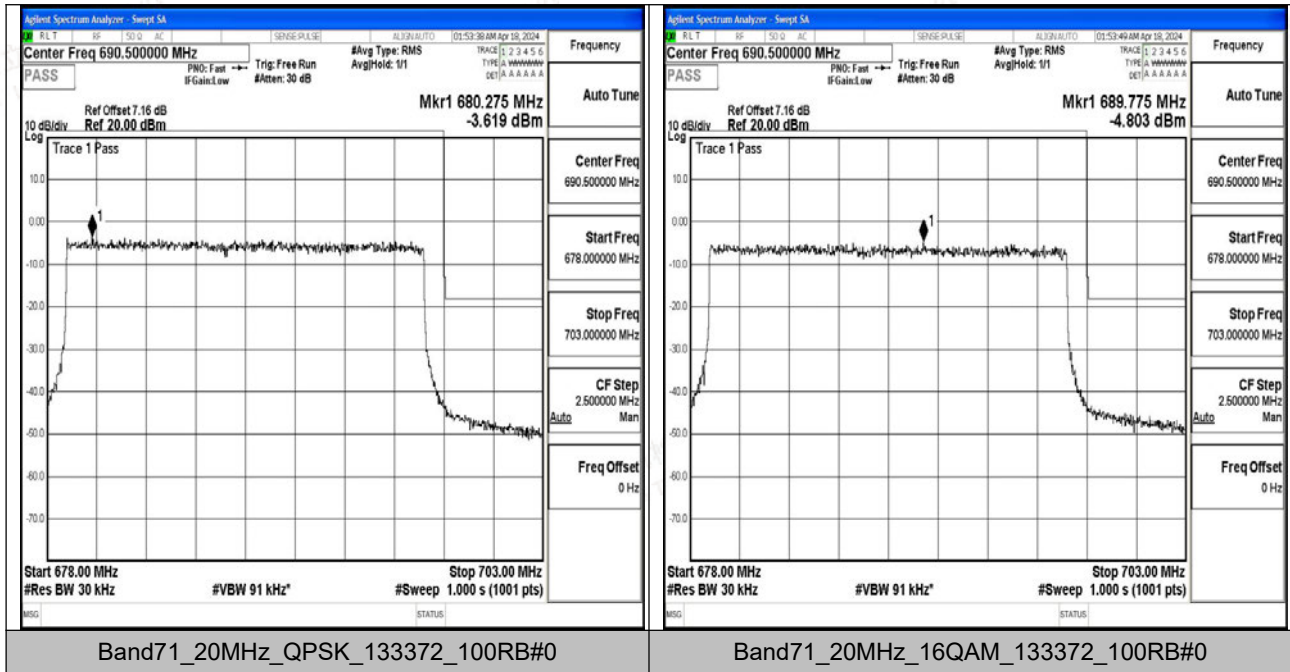
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P.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	0.009~0.15	-59.95	PASS
Band71	5MHz	QPSK	133147	1RB#0	0.15~30	-52.73	PASS
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-62.03	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-47.84	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.009~0.15	-59.26	PASS
Band71	5MHz	QPSK	133297	1RB#0	0.15~30	-51.06	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-61.93	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-47.54	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-44.18	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.009~0.15	-56.40	PASS
Band71	5MHz	16QAM	133297	1RB#0	0.15~30	-53.00	PASS
Band71	5MHz	16QAM	133297	1RB#0	30~1000	-62.39	PASS
Band71	5MHz	16QAM	133297	1RB#0	1000~3000	-48.04	PASS
Band71	5MHz	16QAM	133297	1RB#0	3000~10000	-43.86	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.009~0.15	-55.90	PASS
Band71	5MHz	QPSK	133447	1RB#0	0.15~30	-51.41	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-59.76	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-46.91	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-43.91	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.009~0.15	-59.43	PASS
Band71	5MHz	16QAM	133447	1RB#0	0.15~30	-52.78	PASS
Band71	5MHz	16QAM	133447	1RB#0	30~1000	-61.93	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-44.21	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.009~0.15	-54.84	PASS
Band71	5MHz	16QAM	133147	1RB#0	0.15~30	-54.49	PASS
Band71	5MHz	16QAM	133147	1RB#0	30~1000	-62.26	PASS
Band71	5MHz	16QAM	133147	1RB#0	1000~3000	-47.36	PASS
Band71	5MHz	16QAM	133147	1RB#0	3000~10000	-44.36	PASS
Band71	5MHz	16QAM	133447	1RB#0	1000~3000	-47.72	PASS
Band71	5MHz	16QAM	133447	1RB#0	3000~10000	-43.74	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.009~0.15	-58.49	PASS
Band71	10MHz	QPSK	133172	1RB#0	0.15~30	-51.72	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-61.81	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-47.97	PASS



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Band71	10MHz	QPSK	133297	1RB#0	0.009~0.15	-59.78	PASS
Band71	10MHz	QPSK	133297	1RB#0	0.15~30	-51.62	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-62.02	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-47.81	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-44.24	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.009~0.15	-57.80	PASS
Band71	10MHz	16QAM	133297	1RB#0	0.15~30	-52.97	PASS
Band71	10MHz	16QAM	133297	1RB#0	30~1000	-62.17	PASS
Band71	10MHz	16QAM	133297	1RB#0	1000~3000	-47.08	PASS
Band71	10MHz	16QAM	133297	1RB#0	3000~10000	-43.99	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.009~0.15	-55.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	0.15~30	-51.45	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-62.21	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-46.23	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-44.31	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.009~0.15	-56.85	PASS
Band71	10MHz	16QAM	133422	1RB#0	0.15~30	-54.02	PASS
Band71	10MHz	16QAM	133422	1RB#0	30~1000	-61.89	PASS
Band71	10MHz	16QAM	133422	1RB#0	1000~3000	-47.00	PASS
Band71	10MHz	16QAM	133422	1RB#0	3000~10000	-43.64	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.009~0.15	-56.00	PASS
Band71	15MHz	QPSK	133197	1RB#0	0.15~30	-52.33	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-62.20	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-47.62	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.009~0.15	-55.88	PASS
Band71	15MHz	QPSK	133297	1RB#0	0.15~30	-53.15	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-61.69	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-46.31	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-44.22	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.009~0.15	-57.83	PASS
Band71	15MHz	16QAM	133297	1RB#0	0.15~30	-51.80	PASS
Band71	15MHz	16QAM	133297	1RB#0	30~1000	-62.19	PASS
Band71	15MHz	16QAM	133297	1RB#0	1000~3000	-47.47	PASS
Band71	15MHz	16QAM	133297	1RB#0	3000~10000	-43.93	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.009~0.15	-54.50	PASS
Band71	15MHz	QPSK	133397	1RB#0	0.15~30	-52.05	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-44.23	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.009~0.15	-56.94	PASS
Band71	10MHz	16QAM	133172	1RB#0	0.15~30	-50.97	PASS
Band71	10MHz	16QAM	133172	1RB#0	30~1000	-62.13	PASS



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Band71	10MHz	16QAM	133172	1RB#0	1000~3000	-47.68	PASS
Band71	10MHz	16QAM	133172	1RB#0	3000~10000	-43.61	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-44.21	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.009~0.15	-55.31	PASS
Band71	15MHz	16QAM	133197	1RB#0	0.15~30	-51.31	PASS
Band71	15MHz	16QAM	133197	1RB#0	30~1000	-62.28	PASS
Band71	15MHz	16QAM	133197	1RB#0	1000~3000	-48.19	PASS
Band71	15MHz	16QAM	133197	1RB#0	3000~10000	-44.30	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-62.26	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-45.95	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-44.34	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.009~0.15	-60.62	PASS
Band71	15MHz	16QAM	133397	1RB#0	0.15~30	-53.36	PASS
Band71	15MHz	16QAM	133397	1RB#0	30~1000	-62.13	PASS
Band71	15MHz	16QAM	133397	1RB#0	1000~3000	-46.20	PASS
Band71	15MHz	16QAM	133397	1RB#0	3000~10000	-44.17	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.009~0.15	-57.67	PASS
Band71	20MHz	QPSK	133222	1RB#0	0.15~30	-52.06	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-61.83	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-47.92	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.009~0.15	-59.03	PASS
Band71	20MHz	QPSK	133322	1RB#0	0.15~30	-51.29	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-61.95	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-46.13	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-44.17	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.009~0.15	-56.09	PASS
Band71	20MHz	16QAM	133322	1RB#0	0.15~30	-52.48	PASS
Band71	20MHz	16QAM	133322	1RB#0	30~1000	-62.17	PASS
Band71	20MHz	16QAM	133322	1RB#0	1000~3000	-46.43	PASS
Band71	20MHz	16QAM	133322	1RB#0	3000~10000	-43.95	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.009~0.15	-55.18	PASS
Band71	20MHz	QPSK	133372	1RB#0	0.15~30	-51.85	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-62.11	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-46.51	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-43.49	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.009~0.15	-58.75	PASS
Band71	20MHz	16QAM	133372	1RB#0	0.15~30	-52.40	PASS
Band71	20MHz	16QAM	133372	1RB#0	30~1000	-61.83	PASS
Band71	20MHz	16QAM	133372	1RB#0	1000~3000	-47.03	PASS
Band71	20MHz	16QAM	133372	1RB#0	3000~10000	-44.19	PASS



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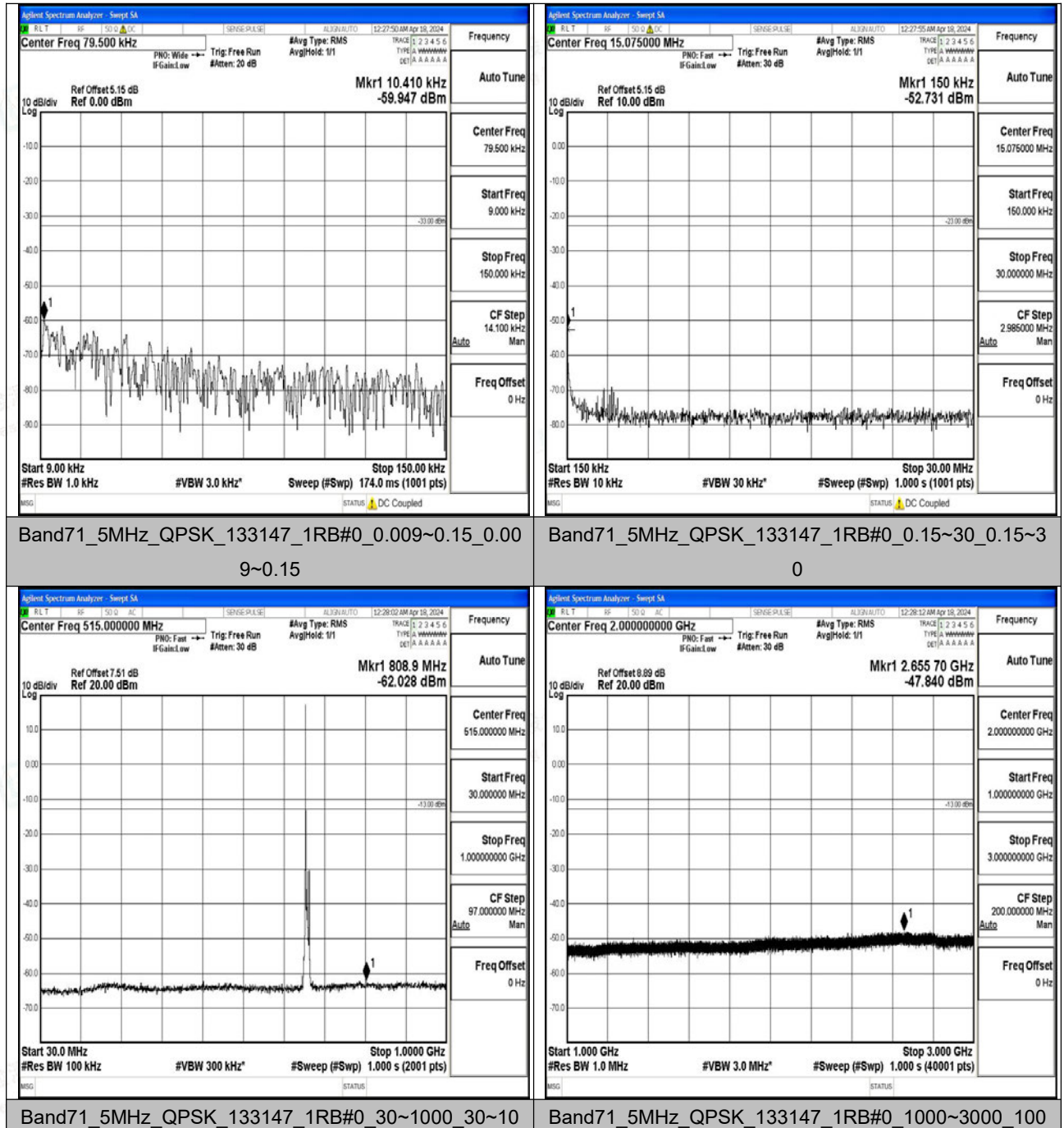
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Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-44.34	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.009~0.15	-56.25	PASS
Band71	20MHz	16QAM	133222	1RB#0	0.15~30	-52.29	PASS
Band71	20MHz	16QAM	133222	1RB#0	30~1000	-62.02	PASS
Band71	20MHz	16QAM	133222	1RB#0	1000~3000	-47.71	PASS
Band71	20MHz	16QAM	133222	1RB#0	3000~10000	-43.79	PASS

Test Graphs



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