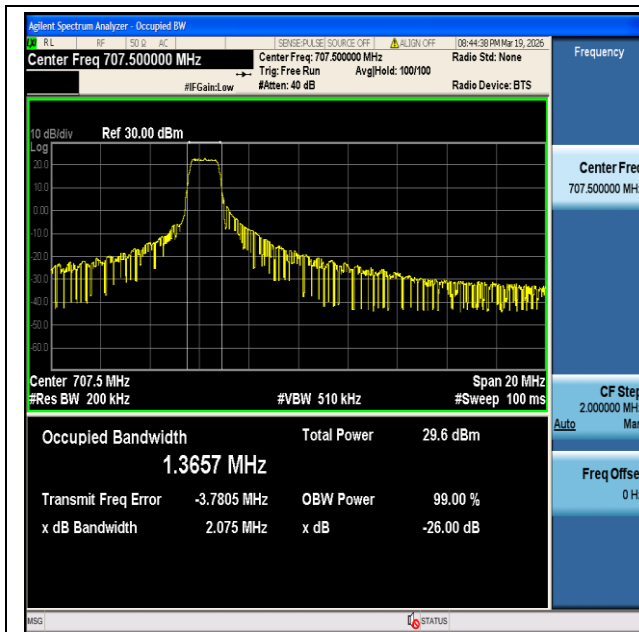
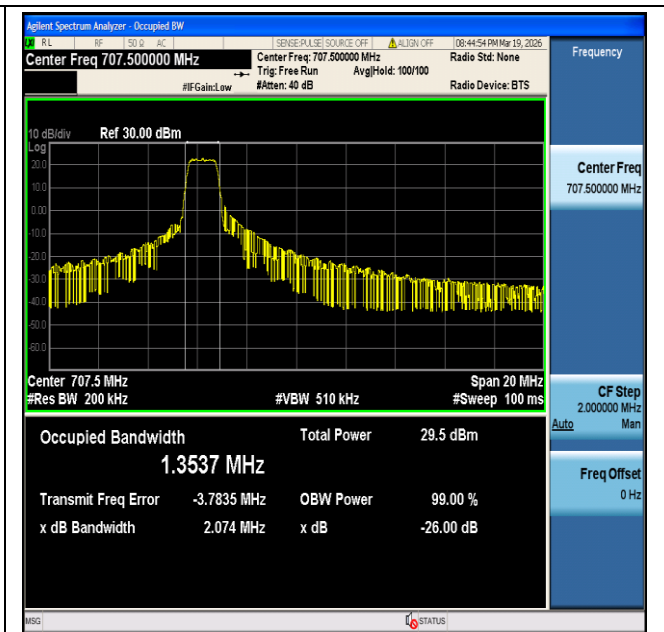
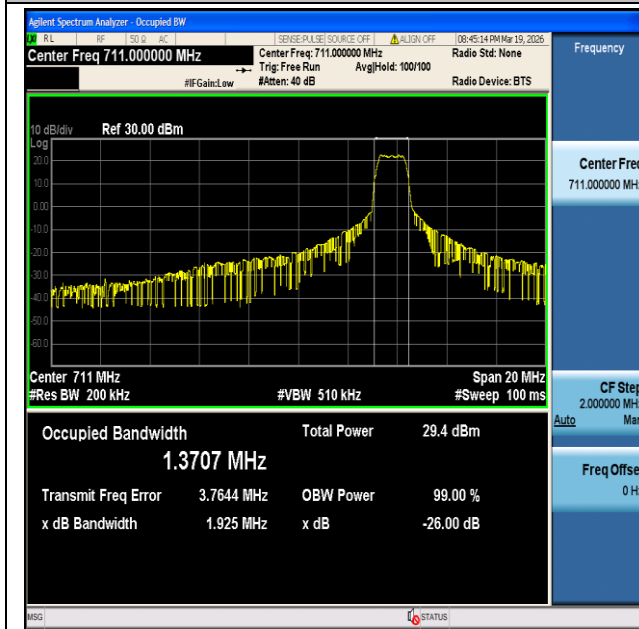




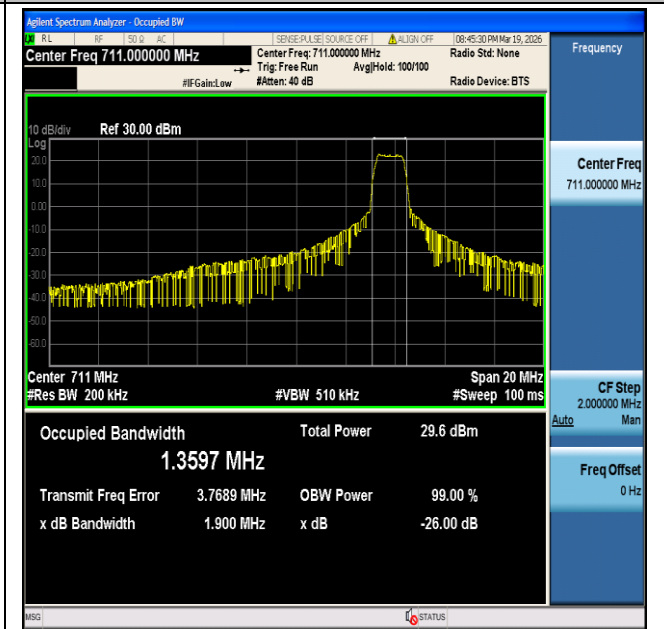
CatM1 Band12-10MHz-QPSK-23095-6#0-PASS



CatM1 Band12-10MHz-16QAM-23095-6#0-PASS



CatM1 Band12-10MHz-QPSK-23130-6#0-PASS



CatM1 Band12-10MHz-16QAM-23130-6#0-PASS

2.4 Appendix D: Band Edge

2.4.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Freq	Level	Margin	Verdict
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	699.00	-29.90	16.90	PASS
CatM1 Band12	1.4MHz	23017	QPSK	6	0	Low	698.88	-38.10	25.10	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	699.00	-32.28	19.28	PASS
CatM1 Band12	1.4MHz	23017	16QAM	6	0	Low	699.00	-38.27	25.27	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	716.00	-51.38	38.38	PASS
CatM1 Band12	1.4MHz	23173	QPSK	6	0	High	716.00	-40.43	27.43	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	716.00	-52.17	39.17	PASS
CatM1 Band12	1.4MHz	23173	16QAM	6	0	High	716.00	-39.79	26.79	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	699.00	-43.85	30.85	PASS
CatM1 Band12	3MHz	23025	QPSK	6	0	Low	698.77	-39.51	26.51	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	699.00	-45.46	32.46	PASS
CatM1 Band12	3MHz	23025	16QAM	6	0	Low	698.84	-39.34	26.34	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	716.00	-56.13	43.13	PASS
CatM1 Band12	3MHz	23165	QPSK	6	0	High	716.70	-42.37	29.37	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	716.02	-57.58	44.58	PASS
CatM1 Band12	3MHz	23165	16QAM	6	0	High	716.71	-43.05	30.05	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	699.00	-40.60	27.60	PASS
CatM1 Band12	5MHz	23035	QPSK	6	0	Low	698.22	-38.12	25.12	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	699.00	-39.63	26.63	PASS
CatM1 Band12	5MHz	23035	16QAM	6	0	Low	698.23	-38.11	25.11	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	716.00	-53.51	40.51	PASS
CatM1 Band12	5MHz	23155	QPSK	6	0	High	716.78	-40.55	27.55	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	716.00	-53.21	40.21	PASS
CatM1 Band12	5MHz	23155	16QAM	6	0	High	716.79	-40.02	27.02	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	699.00	-55.63	42.63	PASS
CatM1 Band12	10MHz	23060	QPSK	6	0	Low	698.65	-37.82	24.82	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	698.98	-55.45	42.45	PASS
CatM1 Band12	10MHz	23060	16QAM	6	0	Low	698.62	-38.18	25.18	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	716.13	-60.03	47.03	PASS
CatM1 Band12	10MHz	23130	QPSK	6	0	High	716.33	-40.46	27.46	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	716.12	-59.71	46.71	PASS
CatM1 Band12	10MHz	23130	16QAM	6	0	High	716.36	-38.95	25.95	PASS

Note: Limits -13 dBm.

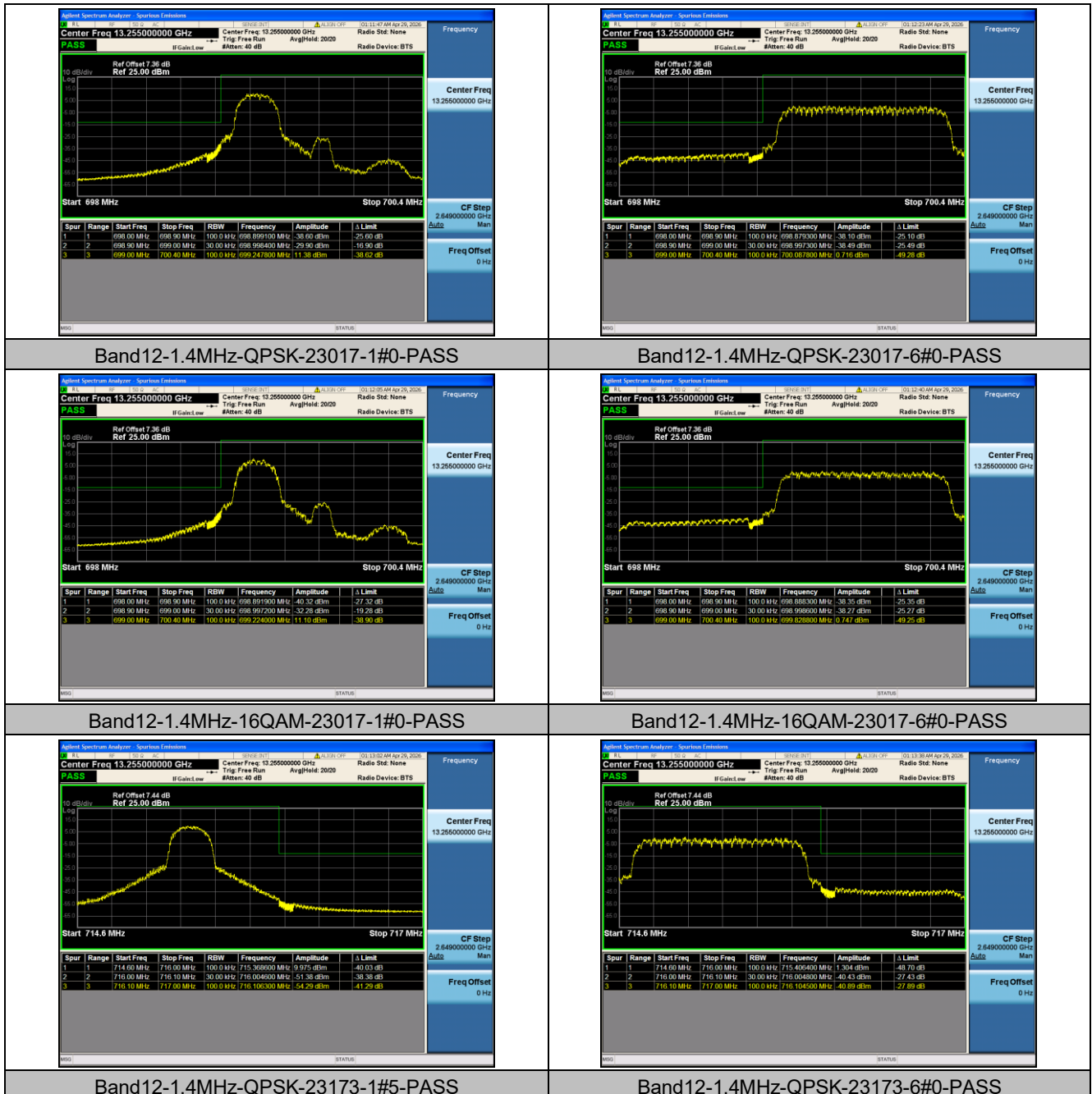


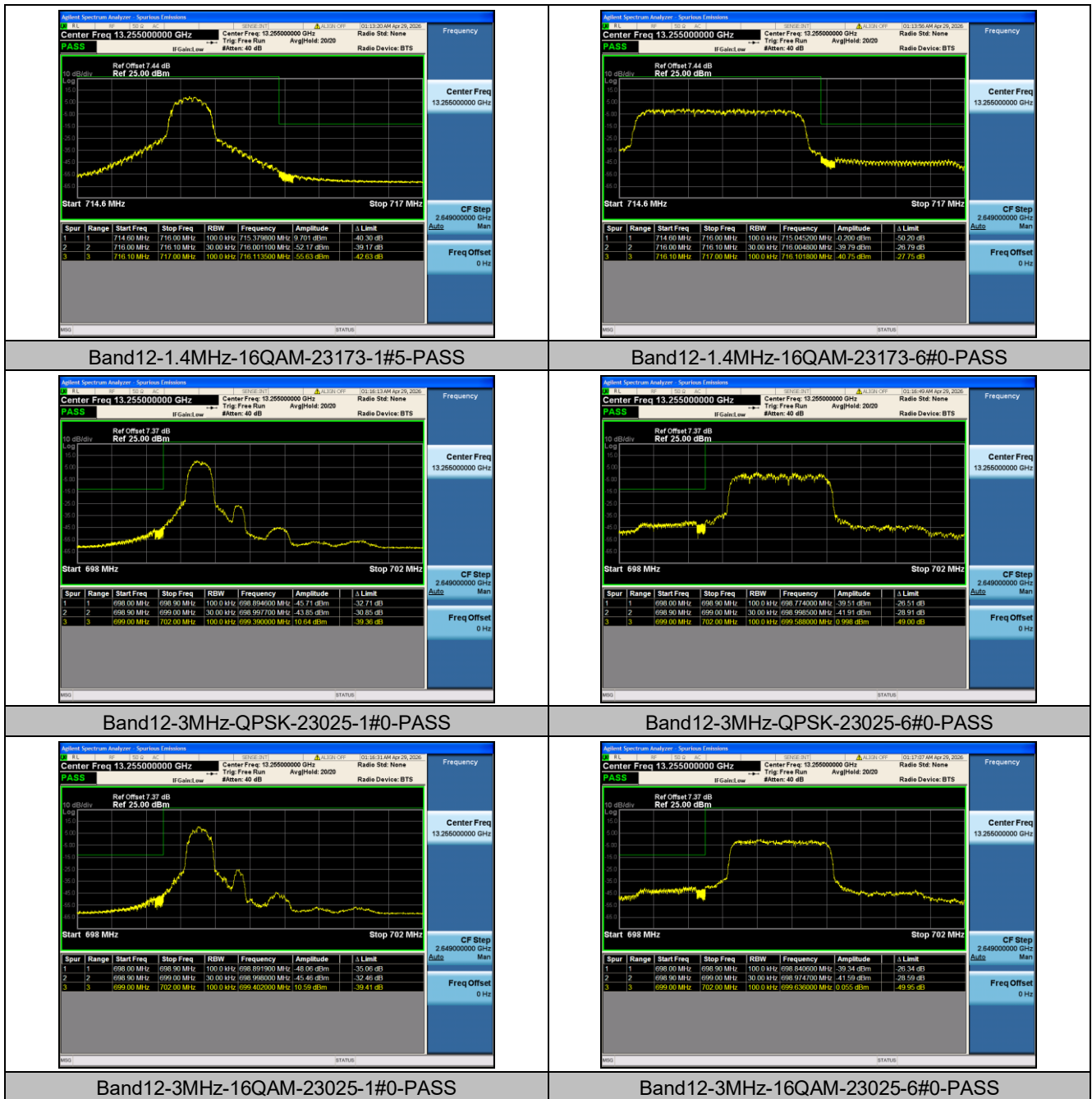
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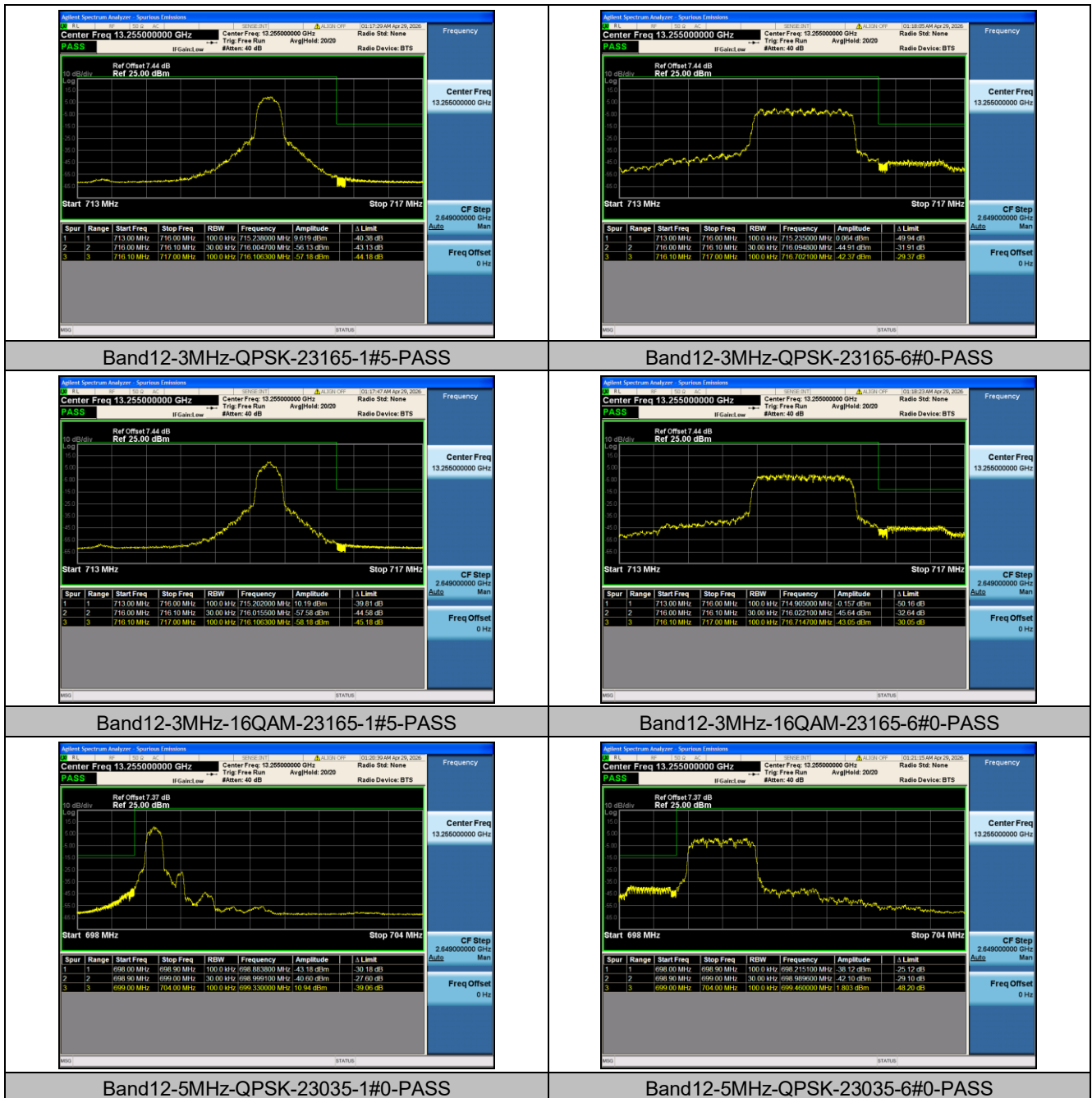
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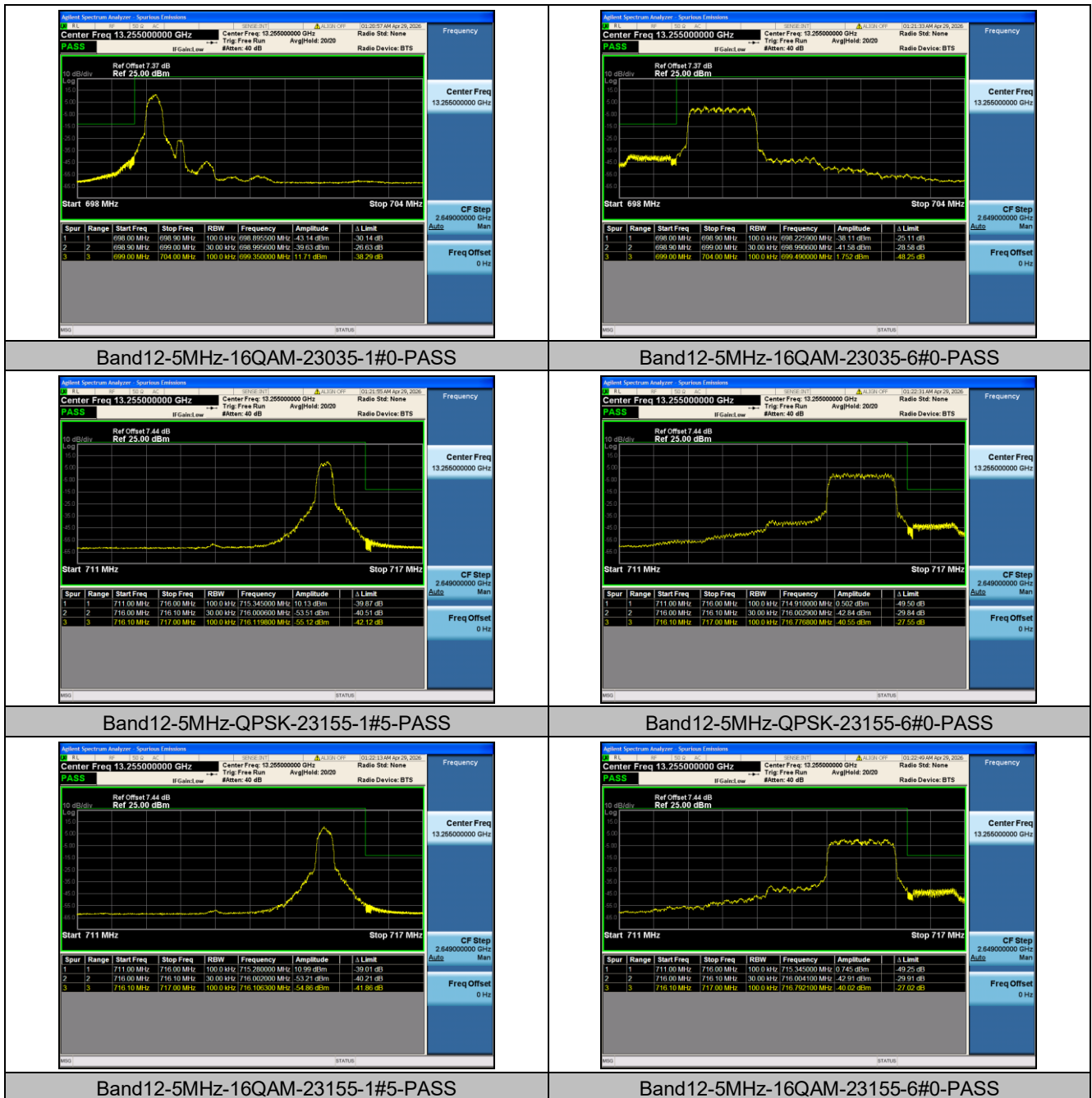
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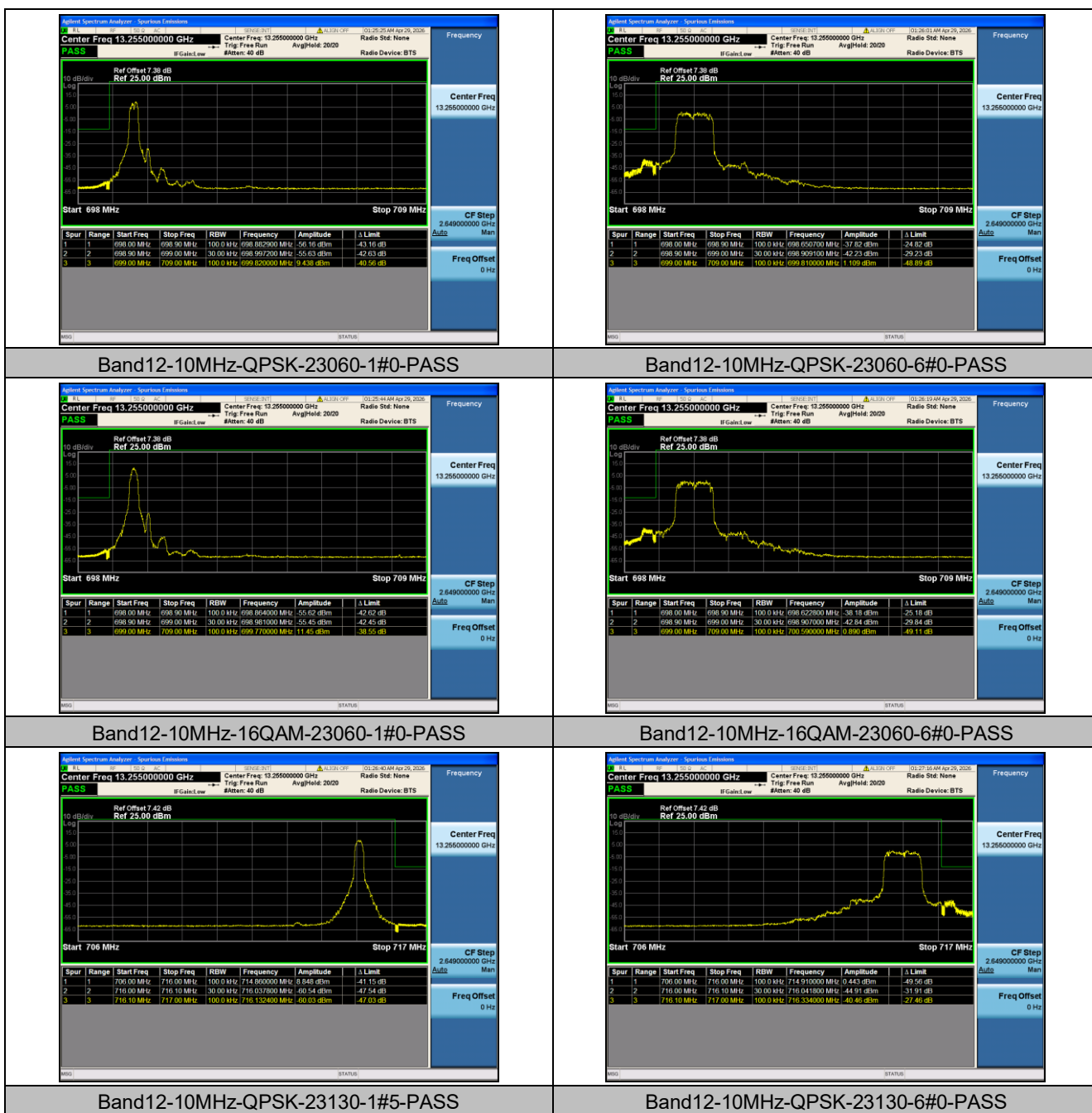
2.4.2 Test Graphs

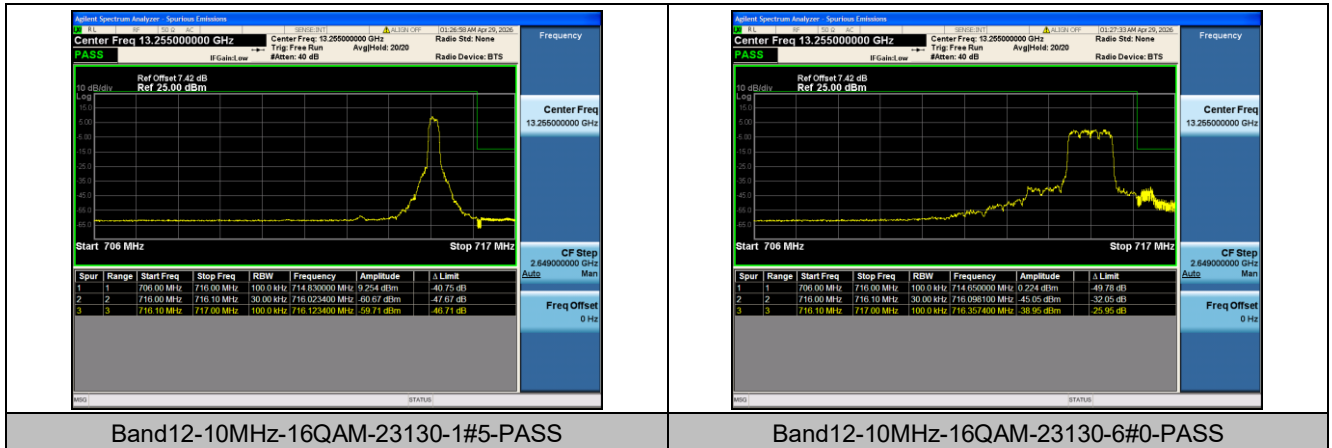












2.5 Appendix E: Conducted Spurious Emission

2.5.1 Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Limit (dBm)	Verdict
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	0.009	0.15	-60.39	-33	PASS
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	0.15	30	-62.61	-23	PASS
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	30	1000	-61.9	-13	PASS
CatM1 Band12	1.4MHz	23017	QPSK	1	0	Low	1000	10000	-47.56	-13	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	0.009	0.15	-63.09	-33	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	0.15	30	-67.09	-23	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	30	1000	-61.43	-13	PASS
CatM1 Band12	1.4MHz	23017	16QAM	1	0	Low	1000	10000	-45.29	-13	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	0.009	0.15	-63.39	-33	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	0.15	30	-64.09	-23	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	30	1000	-61.44	-13	PASS
CatM1 Band12	1.4MHz	23095	QPSK	1	0	Low	1000	10000	-44.24	-13	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	0.009	0.15	-62.45	-33	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	0.15	30	-62.47	-23	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	30	1000	-61.49	-13	PASS
CatM1 Band12	1.4MHz	23095	16QAM	1	0	Low	1000	10000	-45.8	-13	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	0.009	0.15	-62.81	-33	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	0.15	30	-57.35	-23	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	30	1000	-58.88	-13	PASS
CatM1 Band12	1.4MHz	23173	QPSK	1	5	High	1000	10000	-48.54	-13	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	0.009	0.15	-62.11	-33	PASS
CatM1	1.4MHz	23173	16QAM	1	5	High	0.15	30	-64.51	-23	PASS



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Band12											
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	30	1000	-61.72	-13	PASS
CatM1 Band12	1.4MHz	23173	16QAM	1	5	High	1000	10000	-47.64	-13	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	0.009	0.15	-60.56	-33	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	0.15	30	-58.96	-23	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	30	1000	-61.68	-13	PASS
CatM1 Band12	3MHz	23025	QPSK	1	0	Low	1000	10000	-46.87	-13	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	0.009	0.15	-62.65	-33	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	0.15	30	-61.52	-23	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	30	1000	-61.53	-13	PASS
CatM1 Band12	3MHz	23025	16QAM	1	0	Low	1000	10000	-46.81	-13	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	0.009	0.15	-63.23	-33	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	0.15	30	-67.51	-23	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	30	1000	-60.81	-13	PASS
CatM1 Band12	3MHz	23095	QPSK	1	0	Low	1000	10000	-47.32	-13	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	0.009	0.15	-62.16	-33	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	0.15	30	-60.46	-23	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	30	1000	-61.92	-13	PASS
CatM1 Band12	3MHz	23095	16QAM	1	0	Low	1000	10000	-46.66	-13	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	0.009	0.15	-63.28	-33	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	0.15	30	-60.24	-23	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	30	1000	-61.4	-13	PASS
CatM1 Band12	3MHz	23165	QPSK	1	5	High	1000	10000	-45.24	-13	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	0.009	0.15	-62.49	-33	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	0.15	30	-67.59	-23	PASS



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CatM1 Band12	3MHz	23165	16QAM	1	5	High	30	1000	-61.77	-13	PASS
CatM1 Band12	3MHz	23165	16QAM	1	5	High	1000	10000	-47.15	-13	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	0.009	0.15	-61.51	-33	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	0.15	30	-59.95	-23	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	30	1000	-61.45	-13	PASS
CatM1 Band12	5MHz	23035	QPSK	1	0	Low	1000	10000	-45.09	-13	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	0.009	0.15	-60.66	-33	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	0.15	30	-63.17	-23	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	30	1000	-61.61	-13	PASS
CatM1 Band12	5MHz	23035	16QAM	1	0	Low	1000	10000	-42.76	-13	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	0.009	0.15	-62.09	-33	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	0.15	30	-59.64	-23	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	30	1000	-61.83	-13	PASS
CatM1 Band12	5MHz	23095	QPSK	1	0	Low	1000	10000	-44.97	-13	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	0.009	0.15	-59.47	-33	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	0.15	30	-59.45	-23	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	30	1000	-61.93	-13	PASS
CatM1 Band12	5MHz	23095	16QAM	1	0	Low	1000	10000	-42.58	-13	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	0.009	0.15	-62.29	-33	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	0.15	30	-57.58	-23	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	30	1000	-61.73	-13	PASS
CatM1 Band12	5MHz	23155	QPSK	1	5	High	1000	10000	-45.49	-13	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	0.009	0.15	-60.91	-33	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	0.15	30	-60.84	-23	PASS
CatM1 Band12	5MHz	23155	16QAM	1	5	High	30	1000	-59.18	-13	PASS



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CatM1 Band12	5MHz	23155	16QAM	1	5	High	1000	10000	-44.13	-13	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	0.009	0.15	-62.01	-33	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	0.15	30	-61.68	-23	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	30	1000	-62.01	-13	PASS
CatM1 Band12	10MHz	23060	QPSK	1	0	Low	1000	10000	-44.06	-13	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	0.009	0.15	-59.94	-33	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	0.15	30	-58.7	-23	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	30	1000	-61.79	-13	PASS
CatM1 Band12	10MHz	23060	16QAM	1	0	Low	1000	10000	-42.62	-13	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	0.009	0.15	-62.16	-33	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	0.15	30	-58.85	-23	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	30	1000	-61.66	-13	PASS
CatM1 Band12	10MHz	23095	QPSK	1	0	Low	1000	10000	-46.6	-13	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	0.009	0.15	-60.32	-33	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	0.15	30	-60.27	-23	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	30	1000	-61.71	-13	PASS
CatM1 Band12	10MHz	23095	16QAM	1	0	Low	1000	10000	-41.3	-13	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	0.009	0.15	-61.9	-33	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	0.15	30	-60.03	-23	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	30	1000	-61.35	-13	PASS
CatM1 Band12	10MHz	23130	QPSK	1	5	High	1000	10000	-48.04	-13	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	0.009	0.15	-62.14	-33	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	0.15	30	-61.87	-23	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	30	1000	-61.7	-13	PASS
CatM1 Band12	10MHz	23130	16QAM	1	5	High	1000	10000	-45.25	-13	PASS



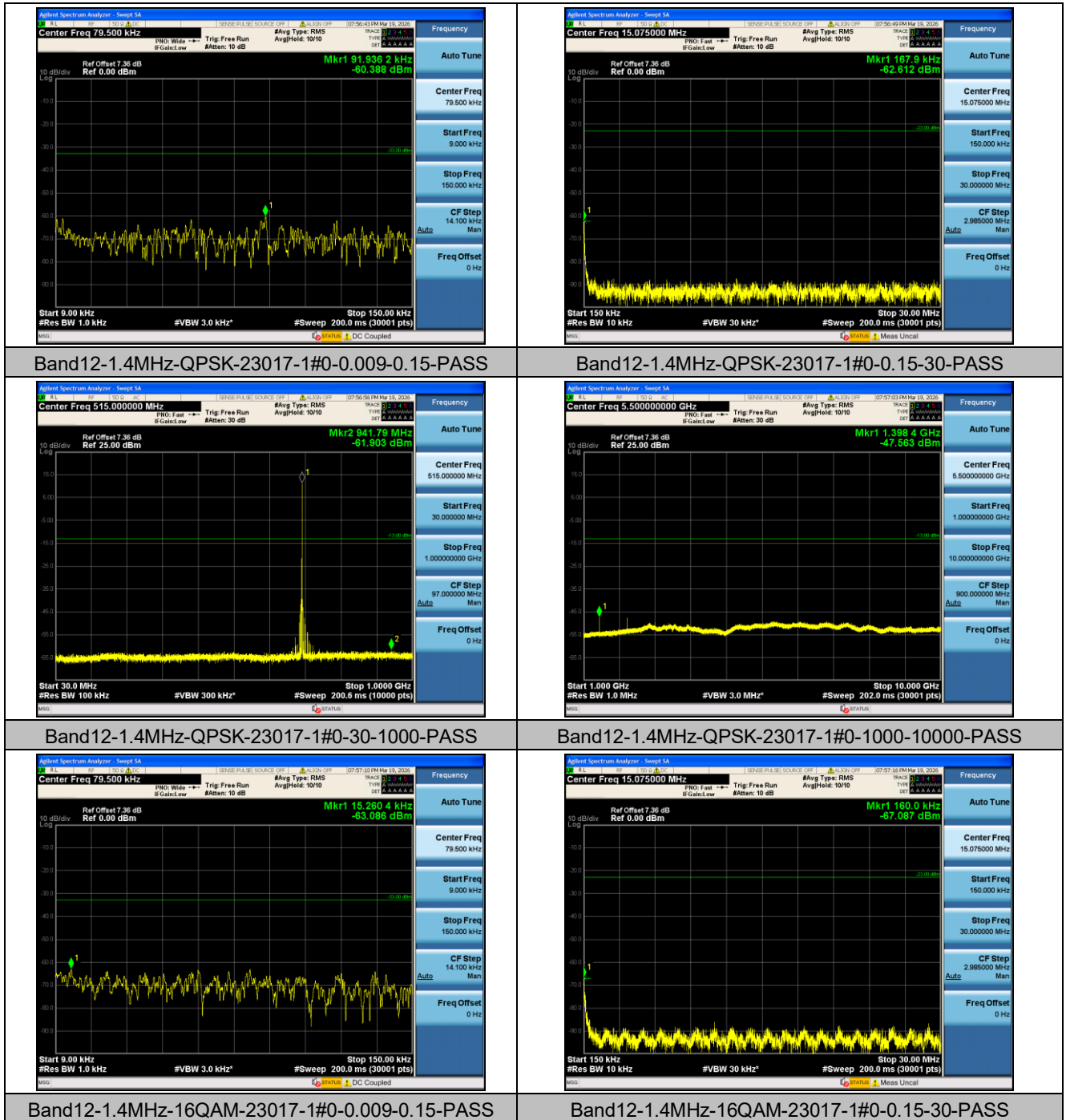
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2.5.2 Test Graphs



Band12-1.4MHz-QPSK-23017-1#0-0.009-0.15-PASS

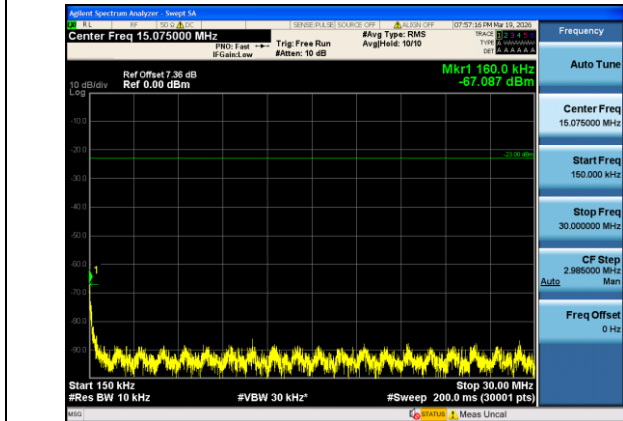
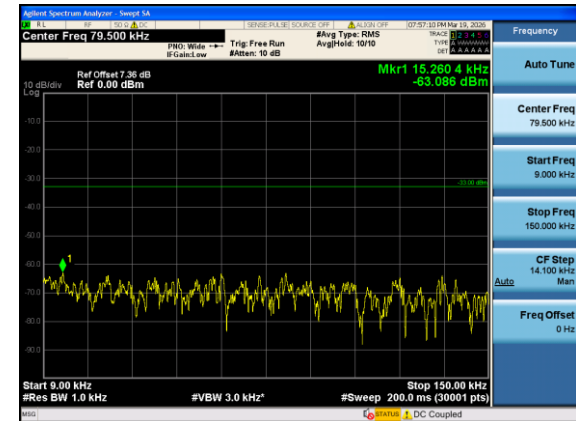
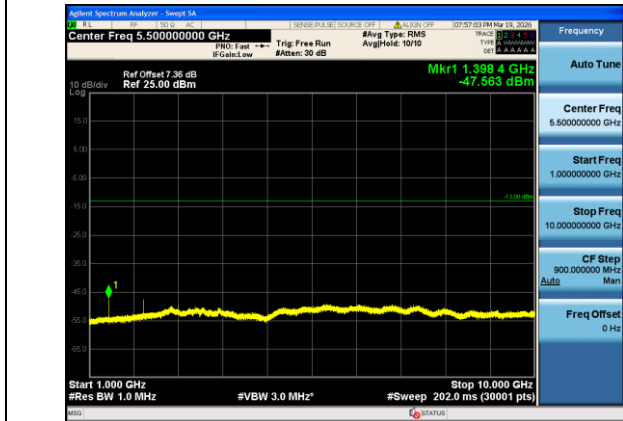
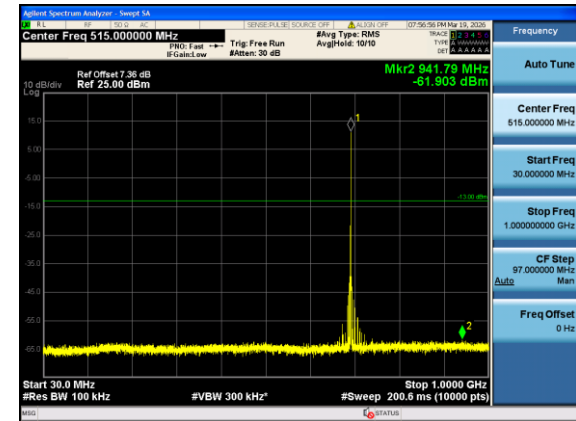
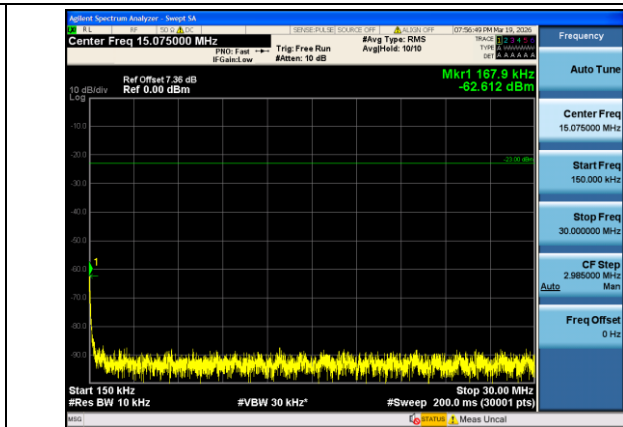
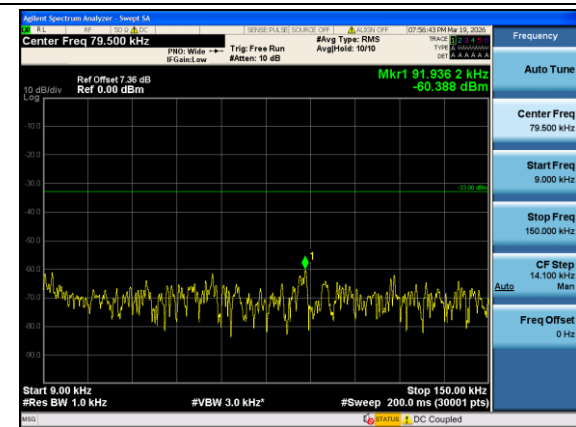
Band12-1.4MHz-QPSK-23017-1#0-0.15-30-PASS

Band12-1.4MHz-QPSK-23017-1#0-30-1000-PASS

Band12-1.4MHz-QPSK-23017-1#0-1000-10000-PASS

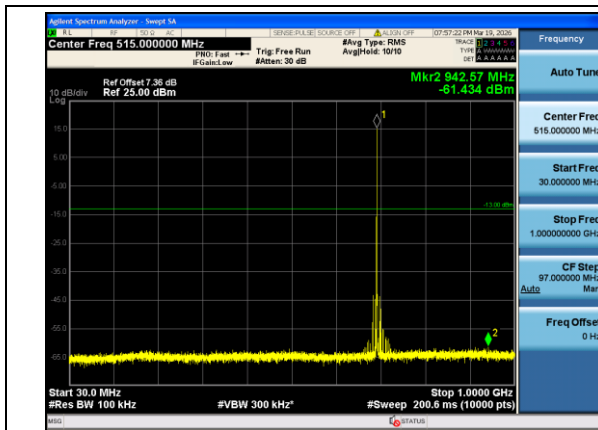
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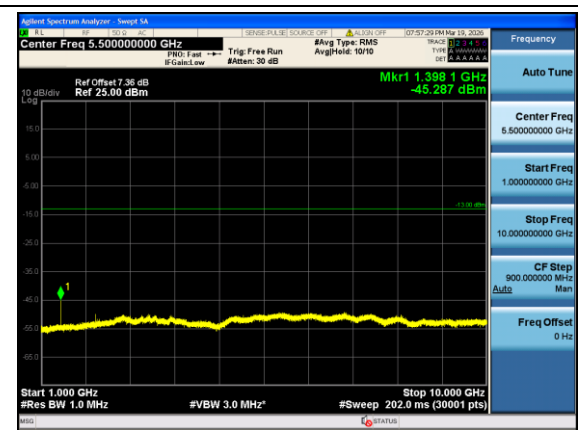


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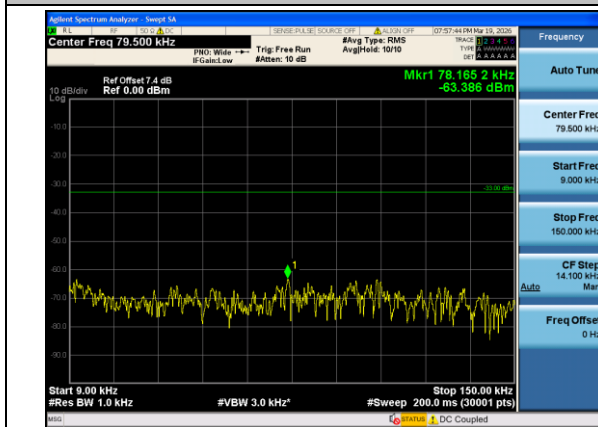
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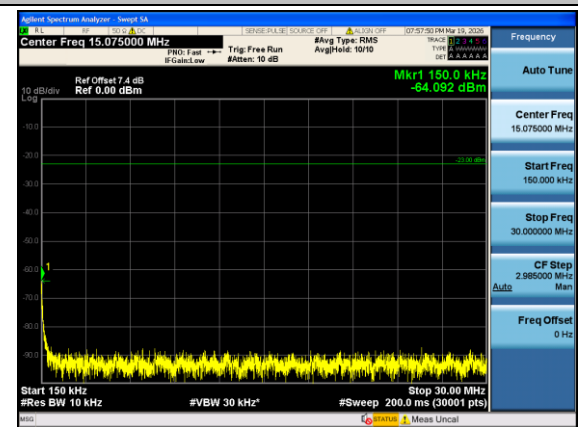
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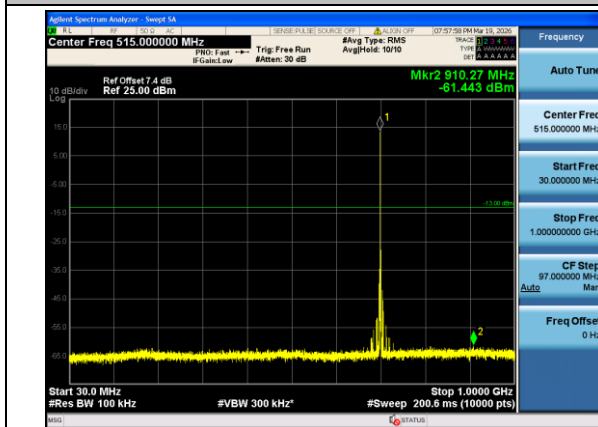
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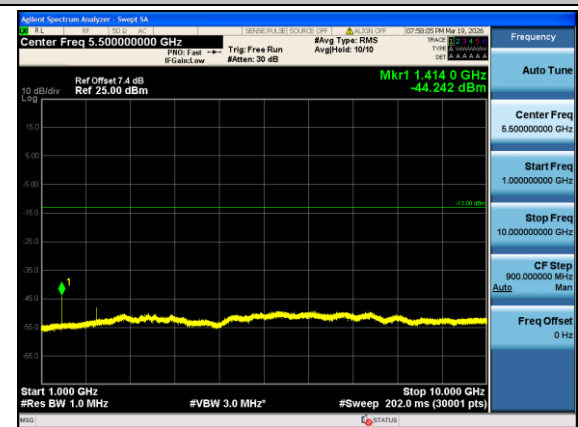
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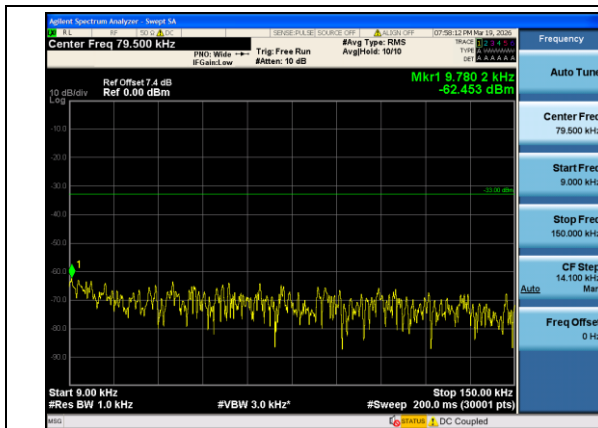
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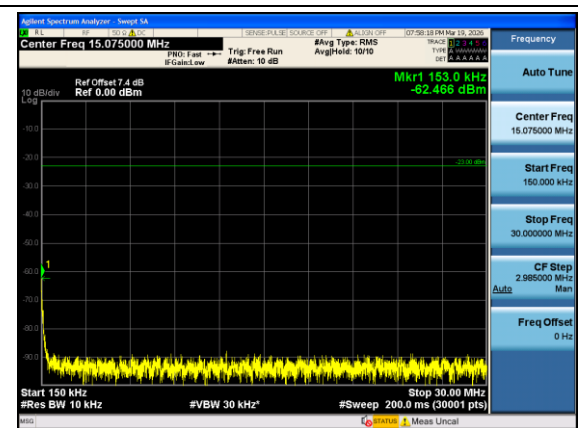
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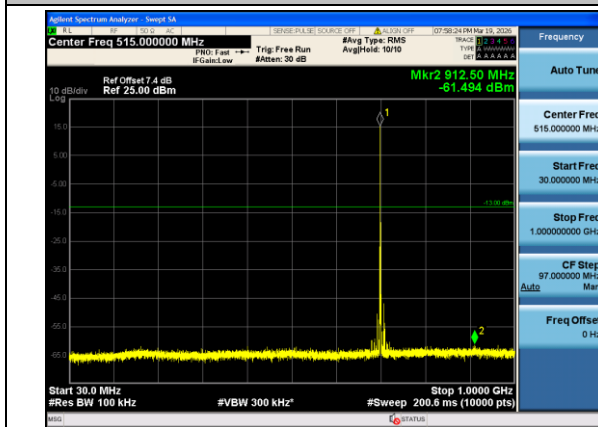
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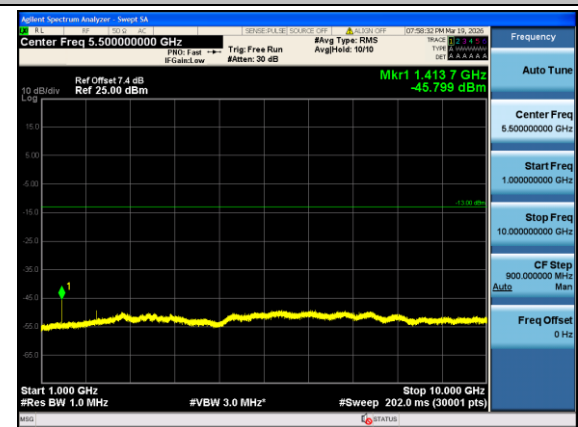
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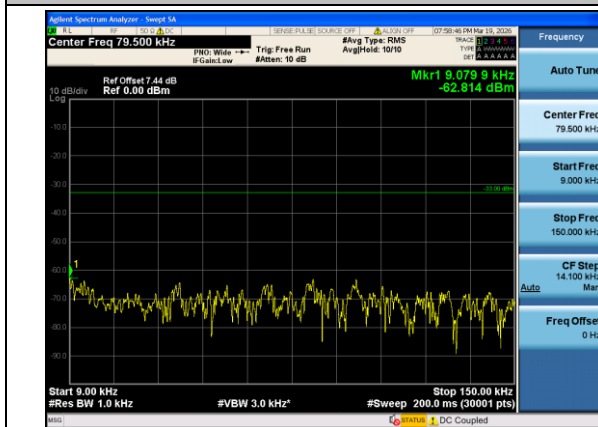
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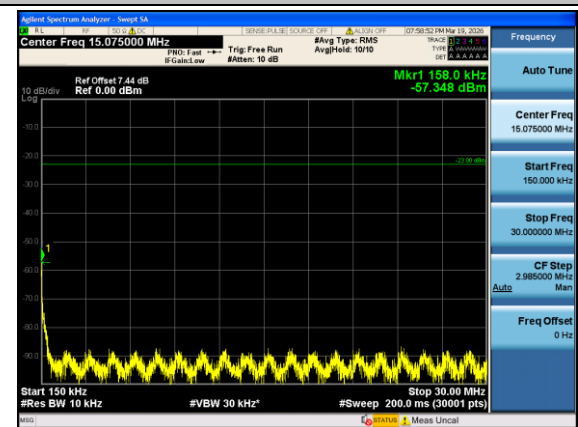
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Band12-1.4MHz-16QAM-23095-1#0-1000-10000-PASS



Band12-1.4MHz-QPSK-23173-1#5-0.009-0.15-PASS



Band12-1.4MHz-QPSK-23173-1#5-0.15-30-PASS

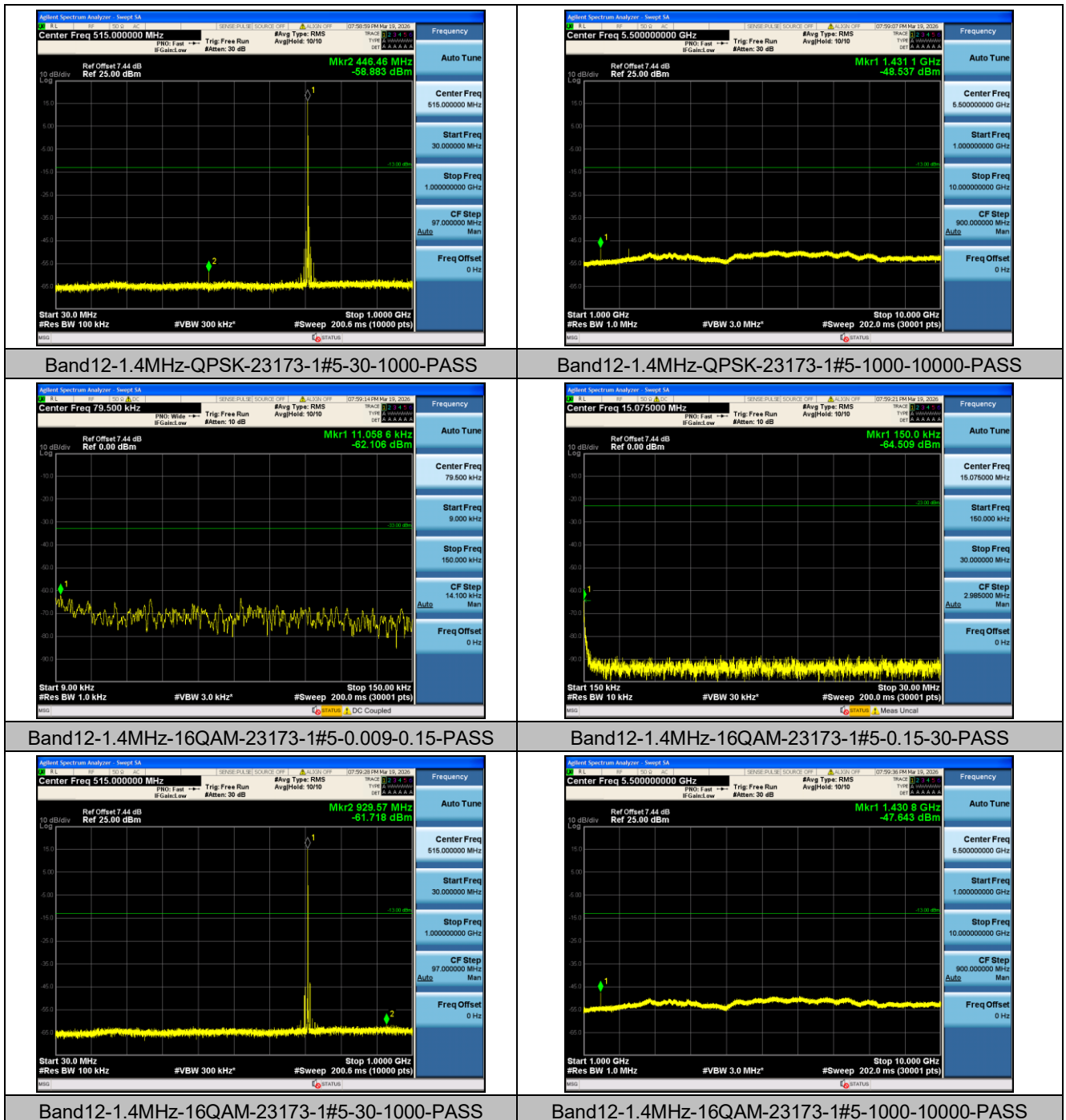


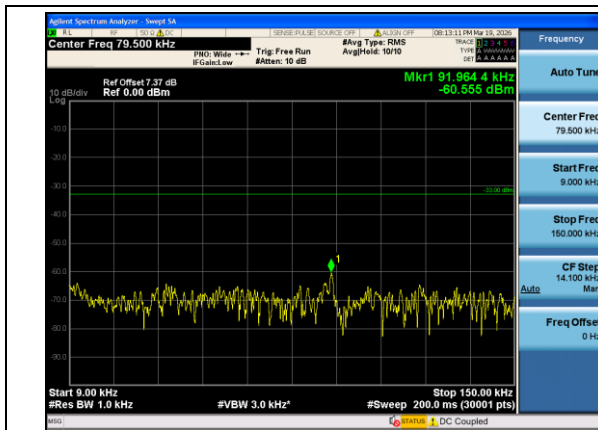
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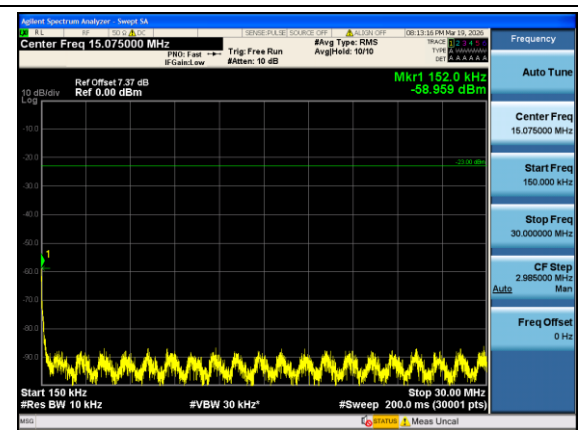
SGS-CSTC Standards Technical Services Co., Ltd.
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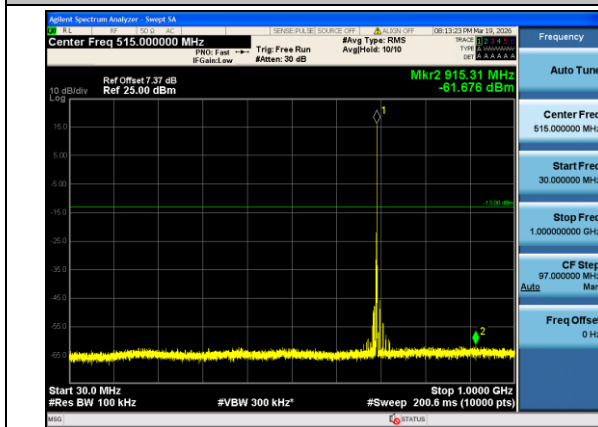




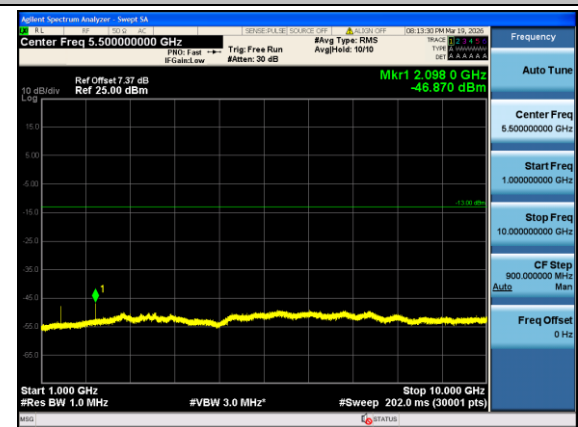
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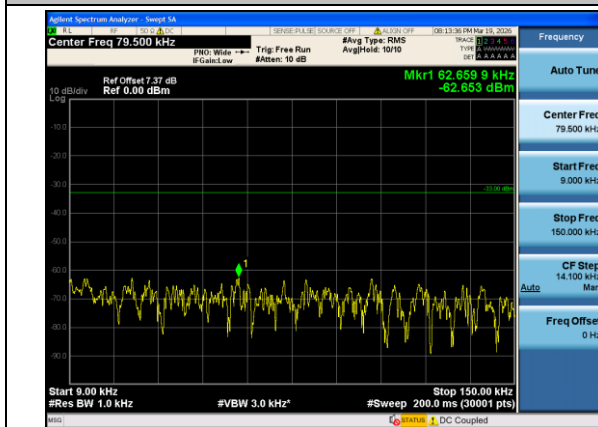
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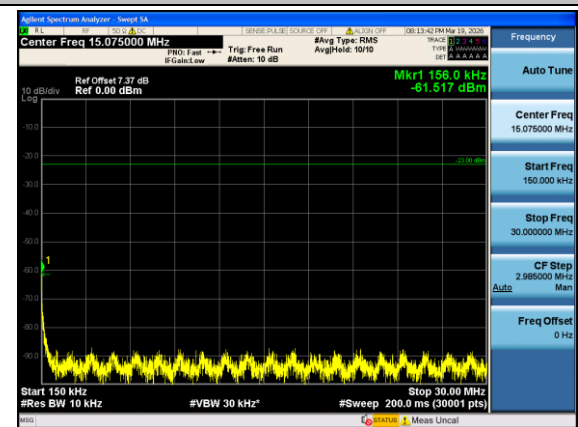
Band12-3MHz-QPSK-23025-1#0-30-1000-PASS



Band12-3MHz-QPSK-23025-1#0-1000-10000-PASS



Band12-3MHz-16QAM-23025-1#0-0.009-0.15-PASS



Band12-3MHz-16QAM-23025-1#0-0.15-30-PASS