

Appendix for LTE Band71

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Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	20.85	PASS
Band71	5MHz	QPSK	133147	1RB#12	20.61	PASS
Band71	5MHz	QPSK	133147	1RB#24	20.12	PASS
Band71	5MHz	QPSK	133147	12RB#0	19.61	PASS
Band71	5MHz	QPSK	133147	12RB#6	19.58	PASS
Band71	5MHz	QPSK	133147	12RB#13	19.43	PASS
Band71	5MHz	QPSK	133147	25RB#0	19.53	PASS
Band71	5MHz	QPSK	133297	1RB#0	20.49	PASS
Band71	5MHz	QPSK	133297	1RB#12	21.03	PASS
Band71	5MHz	QPSK	133297	1RB#24	21.10	PASS
Band71	5MHz	QPSK	133297	12RB#0	19.63	PASS
Band71	5MHz	QPSK	133297	12RB#6	19.64	PASS
Band71	5MHz	QPSK	133297	12RB#13	20.00	PASS
Band71	5MHz	QPSK	133297	25RB#0	19.87	PASS
Band71	5MHz	QPSK	133447	1RB#0	20.71	PASS
Band71	5MHz	QPSK	133447	1RB#12	20.49	PASS
Band71	5MHz	QPSK	133447	1RB#24	20.07	PASS
Band71	5MHz	QPSK	133447	12RB#0	19.62	PASS
Band71	5MHz	QPSK	133447	12RB#6	19.58	PASS
Band71	5MHz	QPSK	133447	12RB#13	19.22	PASS
Band71	5MHz	QPSK	133447	25RB#0	19.40	PASS
Band71	5MHz	16QAM	133147	1RB#0	19.84	PASS
Band71	5MHz	16QAM	133147	1RB#12	19.59	PASS
Band71	5MHz	16QAM	133147	1RB#24	19.16	PASS
Band71	5MHz	16QAM	133147	12RB#0	18.53	PASS
Band71	5MHz	16QAM	133147	12RB#6	18.59	PASS
Band71	5MHz	16QAM	133147	12RB#13	18.36	PASS
Band71	5MHz	16QAM	133147	25RB#0	18.56	PASS
Band71	5MHz	16QAM	133297	1RB#0	19.42	PASS
Band71	5MHz	16QAM	133297	1RB#12	19.88	PASS

Band71	5MHz	16QAM	133297	1RB#24	19.98	PASS
Band71	5MHz	16QAM	133297	12RB#0	18.64	PASS
Band71	5MHz	16QAM	133297	12RB#6	18.65	PASS
Band71	5MHz	16QAM	133297	12RB#13	19.04	PASS
Band71	5MHz	16QAM	133297	25RB#0	18.96	PASS
Band71	5MHz	16QAM	133447	1RB#0	19.72	PASS
Band71	5MHz	16QAM	133447	1RB#12	19.52	PASS
Band71	5MHz	16QAM	133447	1RB#24	19.09	PASS
Band71	5MHz	16QAM	133447	12RB#0	18.68	PASS
Band71	5MHz	16QAM	133447	12RB#6	18.70	PASS
Band71	5MHz	16QAM	133447	12RB#13	18.34	PASS
Band71	5MHz	16QAM	133447	25RB#0	18.47	PASS
Band71	10MHz	QPSK	133172	1RB#0	20.86	PASS
Band71	10MHz	QPSK	133172	1RB#24	20.25	PASS
Band71	10MHz	QPSK	133172	1RB#49	19.80	PASS
Band71	10MHz	QPSK	133172	25RB#0	19.41	PASS
Band71	10MHz	QPSK	133172	25RB#12	19.39	PASS
Band71	10MHz	QPSK	133172	25RB#25	18.91	PASS
Band71	10MHz	QPSK	133172	50RB#0	19.19	PASS
Band71	10MHz	QPSK	133297	1RB#0	20.16	PASS
Band71	10MHz	QPSK	133297	1RB#24	21.10	PASS
Band71	10MHz	QPSK	133297	1RB#49	21.24	PASS
Band71	10MHz	QPSK	133297	25RB#0	19.51	PASS
Band71	10MHz	QPSK	133297	25RB#12	19.52	PASS
Band71	10MHz	QPSK	133297	25RB#25	20.21	PASS
Band71	10MHz	QPSK	133297	50RB#0	19.84	PASS
Band71	10MHz	QPSK	133422	1RB#0	21.27	PASS
Band71	10MHz	QPSK	133422	1RB#24	21.09	PASS
Band71	10MHz	QPSK	133422	1RB#49	20.22	PASS
Band71	10MHz	QPSK	133422	25RB#0	20.25	PASS
Band71	10MHz	QPSK	133422	25RB#12	20.20	PASS
Band71	10MHz	QPSK	133422	25RB#25	19.59	PASS
Band71	10MHz	QPSK	133422	50RB#0	19.83	PASS
Band71	10MHz	16QAM	133172	1RB#0	19.90	PASS
Band71	10MHz	16QAM	133172	1RB#24	19.36	PASS

Band71	10MHz	16QAM	133172	1RB#49	18.79	PASS
Band71	10MHz	16QAM	133172	25RB#0	18.38	PASS
Band71	10MHz	16QAM	133172	25RB#12	18.42	PASS
Band71	10MHz	16QAM	133172	25RB#25	17.92	PASS
Band71	10MHz	16QAM	133172	50RB#0	18.18	PASS
Band71	10MHz	16QAM	133297	1RB#0	19.16	PASS
Band71	10MHz	16QAM	133297	1RB#24	20.04	PASS
Band71	10MHz	16QAM	133297	1RB#49	20.22	PASS
Band71	10MHz	16QAM	133297	25RB#0	18.56	PASS
Band71	10MHz	16QAM	133297	25RB#12	18.50	PASS
Band71	10MHz	16QAM	133297	25RB#25	19.23	PASS
Band71	10MHz	16QAM	133297	50RB#0	18.91	PASS
Band71	10MHz	16QAM	133422	1RB#0	20.04	PASS
Band71	10MHz	16QAM	133422	1RB#24	19.81	PASS
Band71	10MHz	16QAM	133422	1RB#49	19.04	PASS
Band71	10MHz	16QAM	133422	25RB#0	19.32	PASS
Band71	10MHz	16QAM	133422	25RB#12	19.30	PASS
Band71	10MHz	16QAM	133422	25RB#25	18.65	PASS
Band71	10MHz	16QAM	133422	50RB#0	18.99	PASS
Band71	15MHz	QPSK	133197	1RB#0	20.78	PASS
Band71	15MHz	QPSK	133197	1RB#38	19.97	PASS
Band71	15MHz	QPSK	133197	1RB#74	20.20	PASS
Band71	15MHz	QPSK	133197	38RB#0	19.74	PASS
Band71	15MHz	QPSK	133197	38RB#18	18.93	PASS
Band71	15MHz	QPSK	133197	38RB#37	19.13	PASS
Band71	15MHz	QPSK	133197	75RB#0	19.13	PASS
Band71	15MHz	QPSK	133297	1RB#0	19.81	PASS
Band71	15MHz	QPSK	133297	1RB#38	20.96	PASS
Band71	15MHz	QPSK	133297	1RB#74	21.14	PASS
Band71	15MHz	QPSK	133297	38RB#0	18.80	PASS
Band71	15MHz	QPSK	133297	38RB#18	19.88	PASS
Band71	15MHz	QPSK	133297	38RB#37	20.08	PASS
Band71	15MHz	QPSK	133297	75RB#0	19.80	PASS
Band71	15MHz	QPSK	133397	1RB#0	20.94	PASS
Band71	15MHz	QPSK	133397	1RB#38	21.09	PASS

Band71	15MHz	QPSK	133397	1RB#74	19.94	PASS
Band71	15MHz	QPSK	133397	38RB#0	20.12	PASS
Band71	15MHz	QPSK	133397	38RB#18	20.20	PASS
Band71	15MHz	QPSK	133397	38RB#37	19.08	PASS
Band71	15MHz	QPSK	133397	75RB#0	20.03	PASS
Band71	15MHz	16QAM	133197	1RB#0	19.78	PASS
Band71	15MHz	16QAM	133197	1RB#38	18.94	PASS
Band71	15MHz	16QAM	133197	1RB#74	19.17	PASS
Band71	15MHz	16QAM	133197	38RB#0	19.74	PASS
Band71	15MHz	16QAM	133197	38RB#18	18.92	PASS
Band71	15MHz	16QAM	133197	38RB#37	19.14	PASS
Band71	15MHz	16QAM	133197	75RB#0	18.16	PASS
Band71	15MHz	16QAM	133297	1RB#0	18.82	PASS
Band71	15MHz	16QAM	133297	1RB#38	19.90	PASS
Band71	15MHz	16QAM	133297	1RB#74	20.10	PASS
Band71	15MHz	16QAM	133297	38RB#0	18.78	PASS
Band71	15MHz	16QAM	133297	38RB#18	19.92	PASS
Band71	15MHz	16QAM	133297	38RB#37	20.12	PASS
Band71	15MHz	16QAM	133297	75RB#0	18.82	PASS
Band71	15MHz	16QAM	133397	1RB#0	20.07	PASS
Band71	15MHz	16QAM	133397	1RB#38	20.19	PASS
Band71	15MHz	16QAM	133397	1RB#74	19.12	PASS
Band71	15MHz	16QAM	133397	38RB#0	20.13	PASS
Band71	15MHz	16QAM	133397	38RB#18	20.22	PASS
Band71	15MHz	16QAM	133397	38RB#37	19.16	PASS
Band71	15MHz	16QAM	133397	75RB#0	19.11	PASS
Band71	20MHz	QPSK	133222	1RB#0	20.60	PASS
Band71	20MHz	QPSK	133222	1RB#49	20.02	PASS
Band71	20MHz	QPSK	133222	1RB#99	20.83	PASS
Band71	20MHz	QPSK	133222	50RB#0	19.17	PASS
Band71	20MHz	QPSK	133222	50RB#25	19.15	PASS
Band71	20MHz	QPSK	133222	50RB#50	19.62	PASS
Band71	20MHz	QPSK	133222	100RB#0	19.31	PASS
Band71	20MHz	QPSK	133322	1RB#0	19.81	PASS
Band71	20MHz	QPSK	133322	1RB#49	21.36	PASS

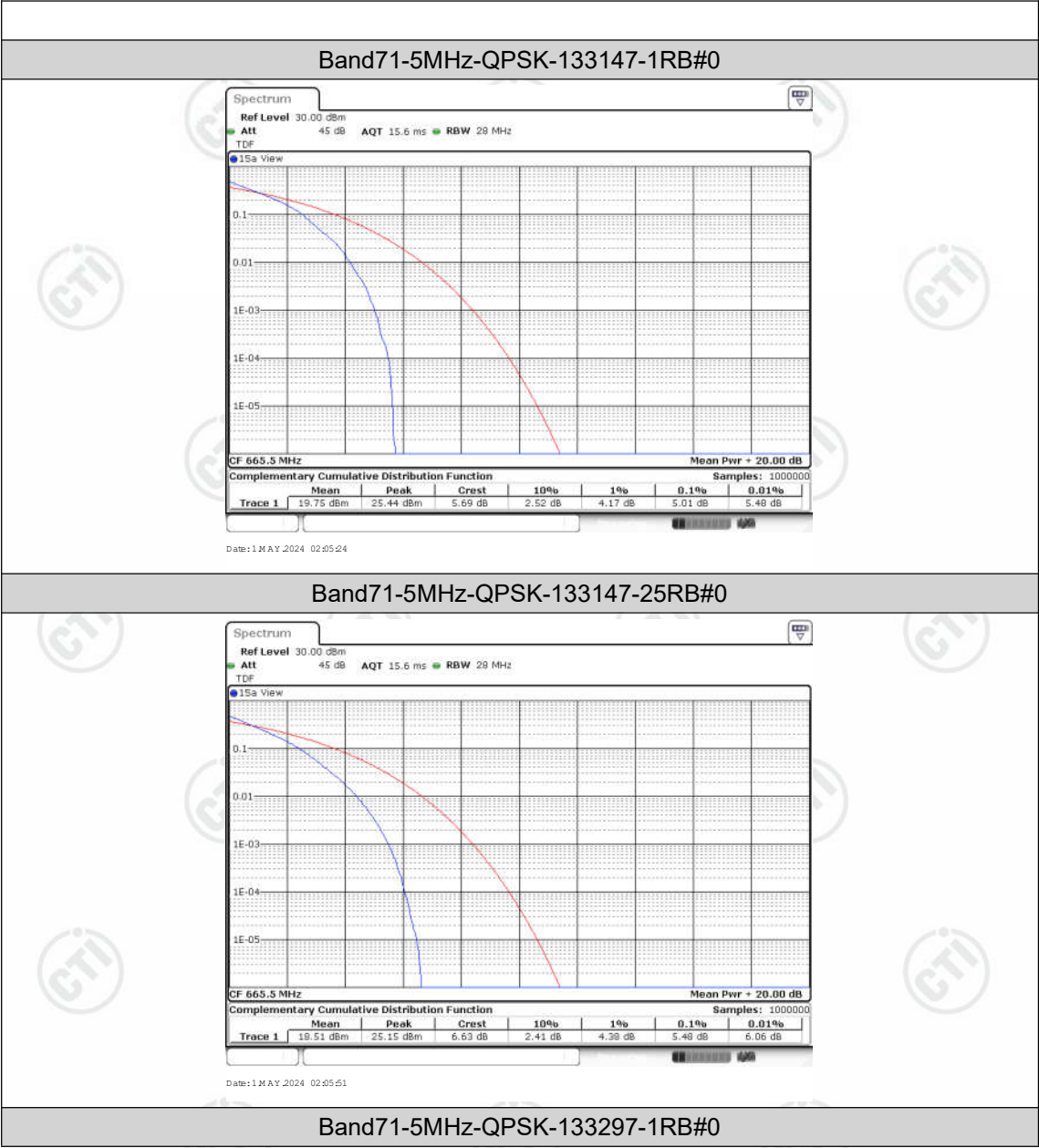
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Band71	20MHz	QPSK	133322	100RB#0	19.74	PASS
Band71	20MHz	QPSK	133372	1RB#0	20.46	PASS
Band71	20MHz	QPSK	133372	1RB#49	21.43	PASS
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Band71	20MHz	QPSK	133372	100RB#0	19.99	PASS
Band71	20MHz	16QAM	133222	1RB#0	19.56	PASS
Band71	20MHz	16QAM	133222	1RB#49	18.98	PASS
Band71	20MHz	16QAM	133222	1RB#99	19.66	PASS
Band71	20MHz	16QAM	133222	50RB#0	18.18	PASS
Band71	20MHz	16QAM	133222	50RB#25	18.16	PASS
Band71	20MHz	16QAM	133222	50RB#50	18.67	PASS
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Band71	20MHz	16QAM	133322	1RB#49	20.13	PASS
Band71	20MHz	16QAM	133322	1RB#99	19.68	PASS
Band71	20MHz	16QAM	133322	50RB#0	18.42	PASS
Band71	20MHz	16QAM	133322	50RB#25	18.45	PASS
Band71	20MHz	16QAM	133322	50RB#50	19.13	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.78	PASS
Band71	20MHz	16QAM	133372	1RB#0	19.52	PASS
Band71	20MHz	16QAM	133372	1RB#49	20.62	PASS
Band71	20MHz	16QAM	133372	1RB#99	19.21	PASS
Band71	20MHz	16QAM	133372	50RB#0	19.14	PASS
Band71	20MHz	16QAM	133372	50RB#25	19.19	PASS
Band71	20MHz	16QAM	133372	50RB#50	18.95	PASS
Band71	20MHz	16QAM	133372	100RB#0	19.05	PASS

Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	5.01	13	PASS
Band71	5MHz	QPSK	133147	25RB#0	5.48	13	PASS
Band71	5MHz	QPSK	133297	1RB#0	5.62	13	PASS
Band71	5MHz	QPSK	133297	25RB#0	5.62	13	PASS
Band71	5MHz	QPSK	133447	1RB#0	5.13	13	PASS
Band71	5MHz	QPSK	133447	25RB#0	5.54	13	PASS
Band71	5MHz	16QAM	133147	1RB#0	5.45	13	PASS
Band71	5MHz	16QAM	133147	25RB#0	6.20	13	PASS
Band71	5MHz	16QAM	133297	1RB#0	5.94	13	PASS
Band71	5MHz	16QAM	133297	25RB#0	6.35	13	PASS
Band71	5MHz	16QAM	133447	1RB#0	5.86	13	PASS
Band71	5MHz	16QAM	133447	25RB#0	6.26	13	PASS
Band71	10MHz	QPSK	133172	1RB#0	4.96	13	PASS
Band71	10MHz	QPSK	133172	50RB#0	5.33	13	PASS
Band71	10MHz	QPSK	133297	1RB#0	5.36	13	PASS
Band71	10MHz	QPSK	133297	50RB#0	5.51	13	PASS
Band71	10MHz	QPSK	133422	1RB#0	4.75	13	PASS
Band71	10MHz	QPSK	133422	50RB#0	5.42	13	PASS
Band71	10MHz	16QAM	133172	1RB#0	5.88	13	PASS
Band71	10MHz	16QAM	133172	50RB#0	6.14	13	PASS
Band71	10MHz	16QAM	133297	1RB#0	6.32	13	PASS
Band71	10MHz	16QAM	133297	50RB#0	6.29	13	PASS
Band71	10MHz	16QAM	133422	1RB#0	5.57	13	PASS
Band71	10MHz	16QAM	133422	50RB#0	6.23	13	PASS
Band71	15MHz	QPSK	133197	1RB#0	5.13	13	PASS
Band71	15MHz	QPSK	133197	75RB#0	5.77	13	PASS
Band71	15MHz	QPSK	133297	1RB#0	5.04	13	PASS
Band71	15MHz	QPSK	133297	75RB#0	5.62	13	PASS
Band71	15MHz	QPSK	133397	1RB#0	5.07	13	PASS
Band71	15MHz	QPSK	133397	75RB#0	5.59	13	PASS
Band71	15MHz	16QAM	133197	1RB#0	6.00	13	PASS
Band71	15MHz	16QAM	133197	75RB#0	6.35	13	PASS

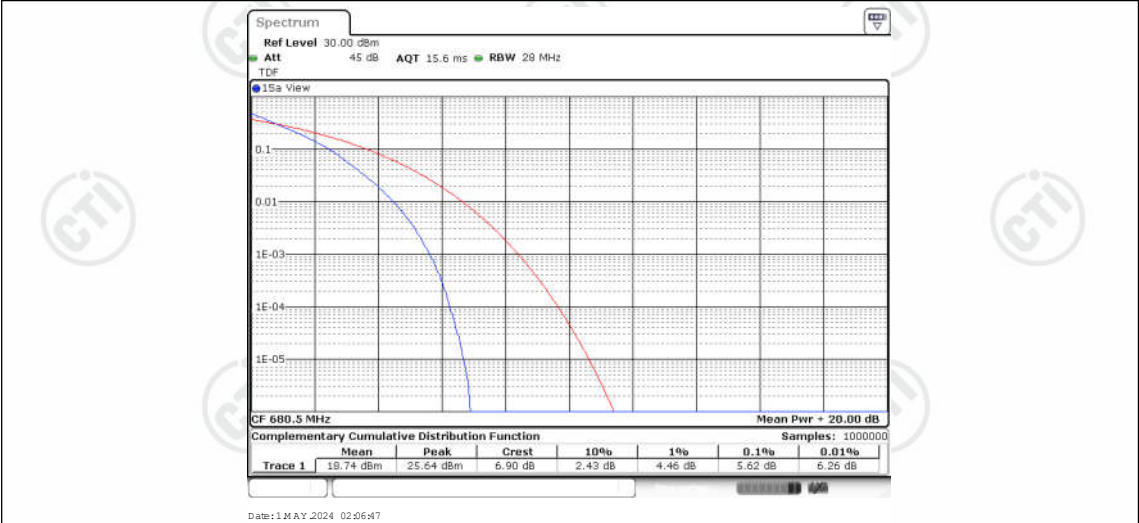
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Band71	15MHz	16QAM	133397	75RB#0	6.20	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	5.30	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.71	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.13	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.19	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	5.33	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.30	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	6.03	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.38	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	6.06	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.14	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	5.94	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.14	13	PASS

Test Graphs

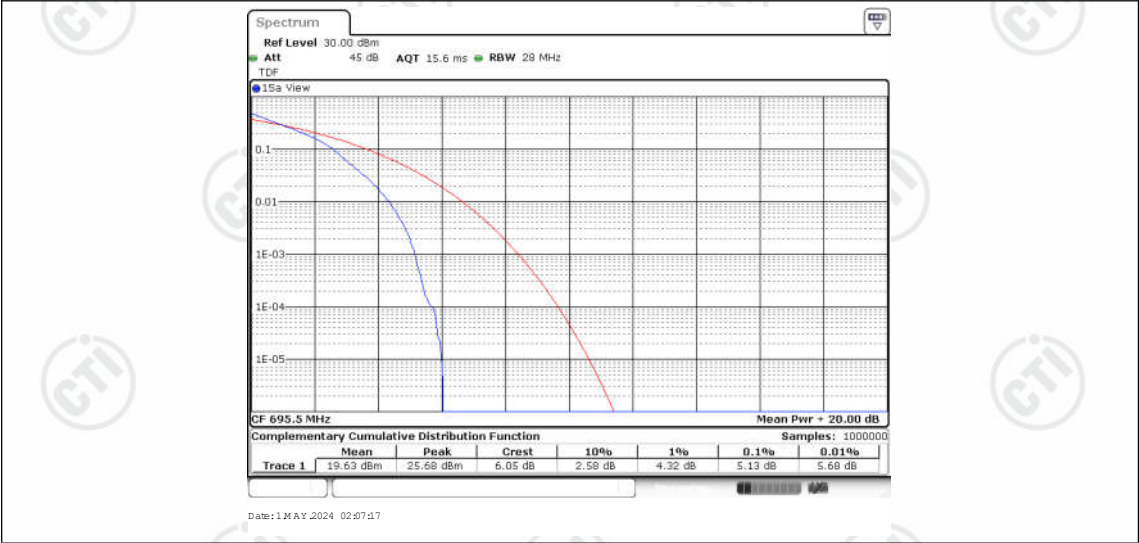


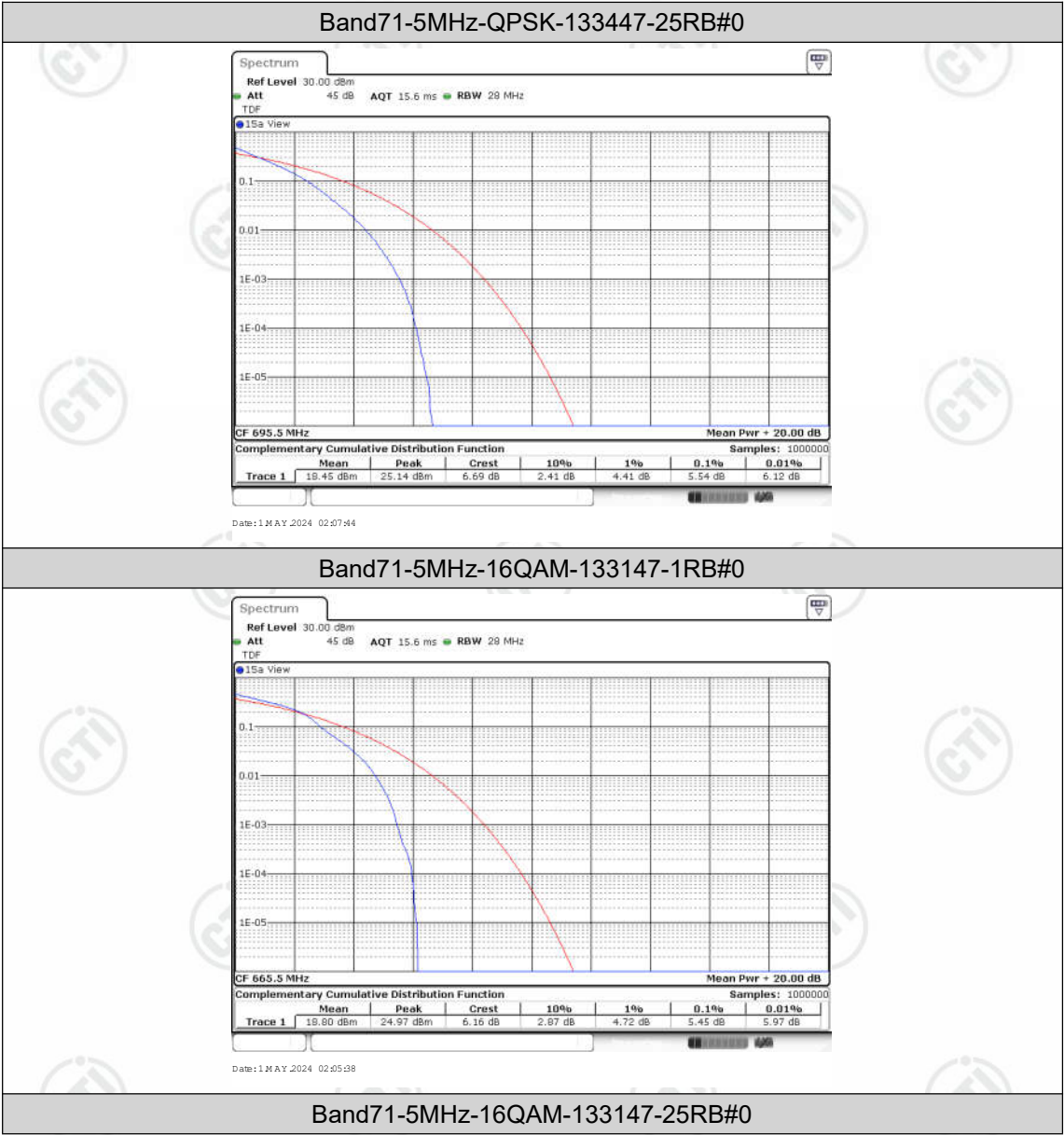


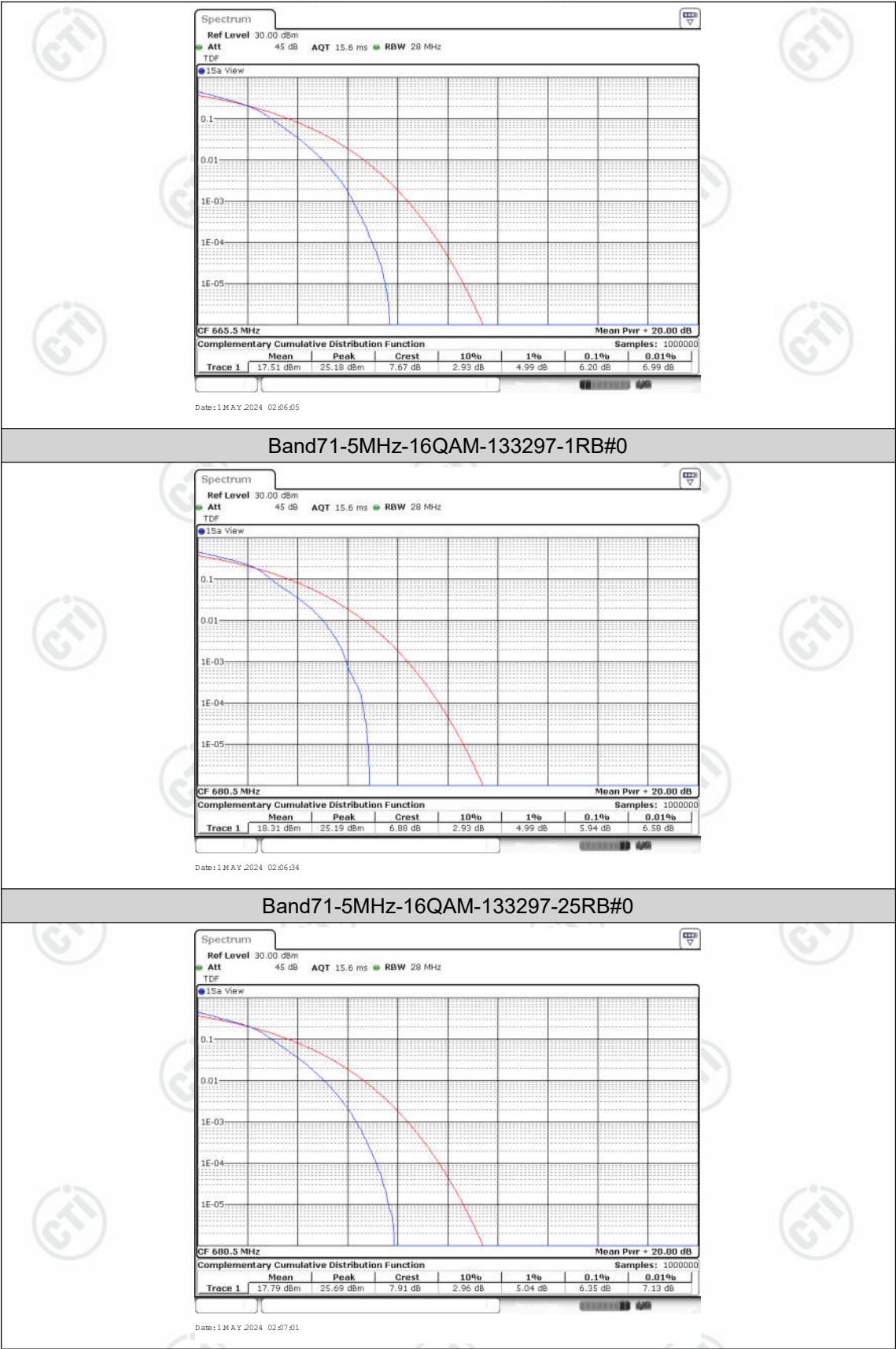
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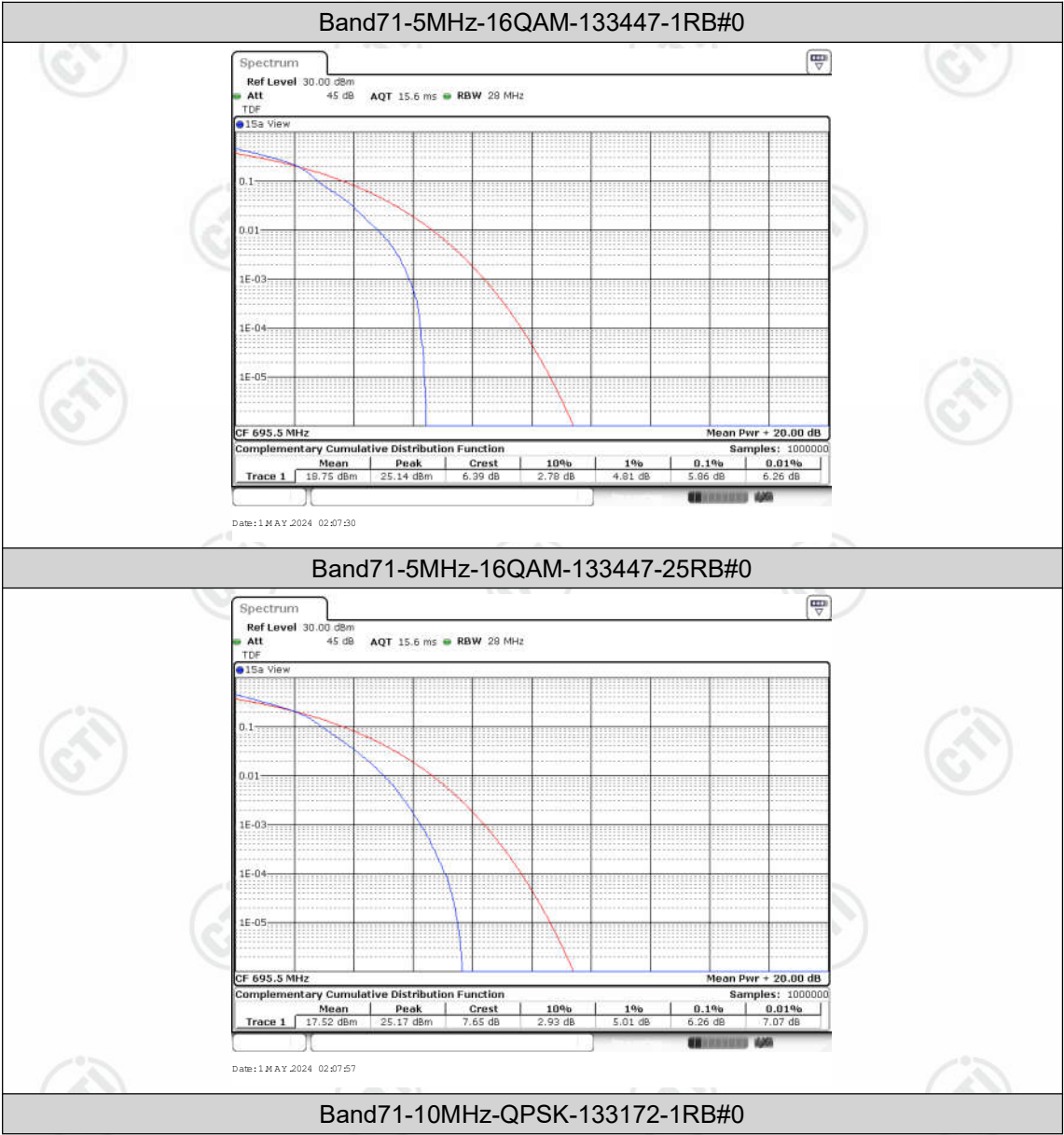


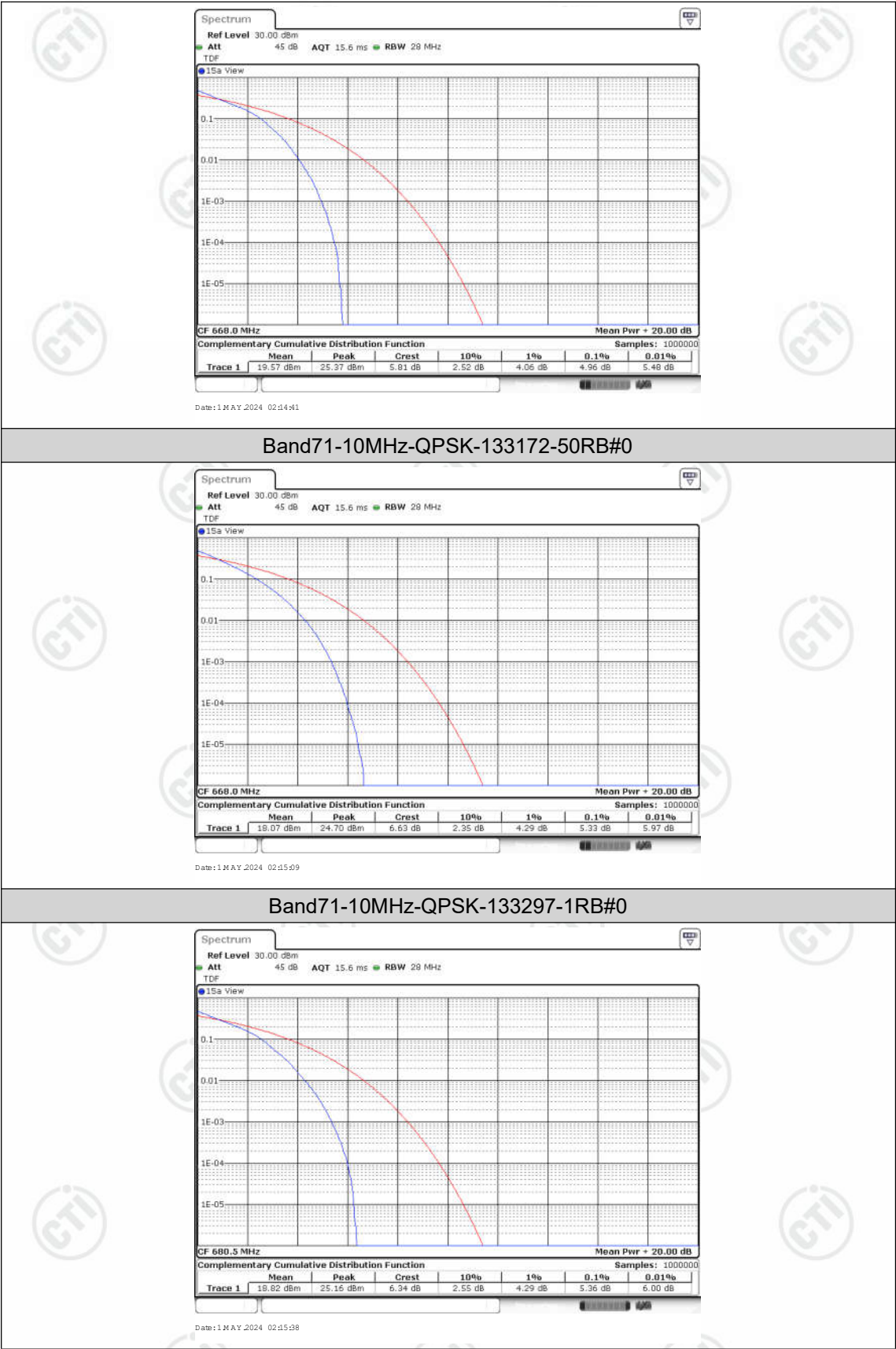
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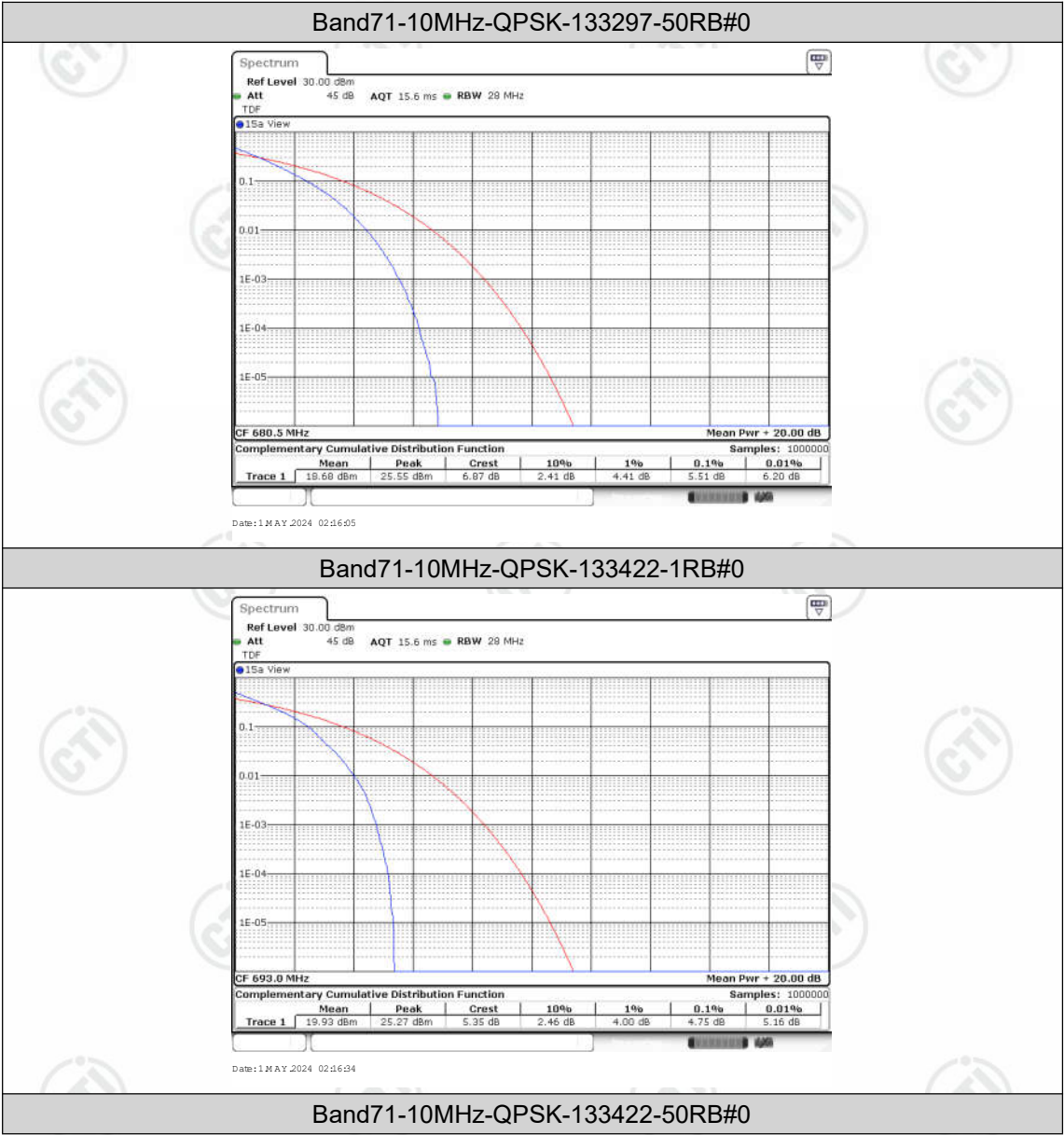


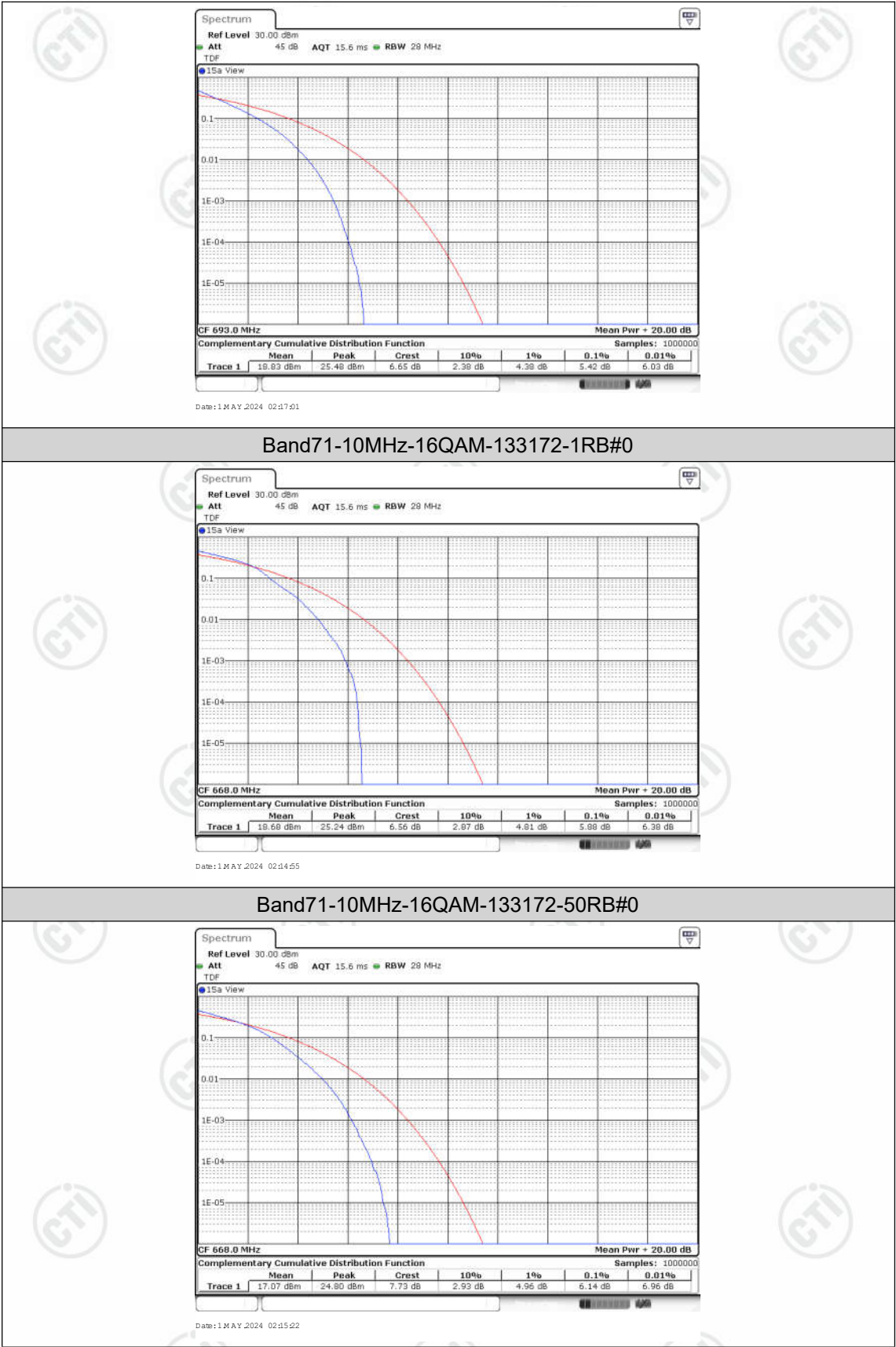


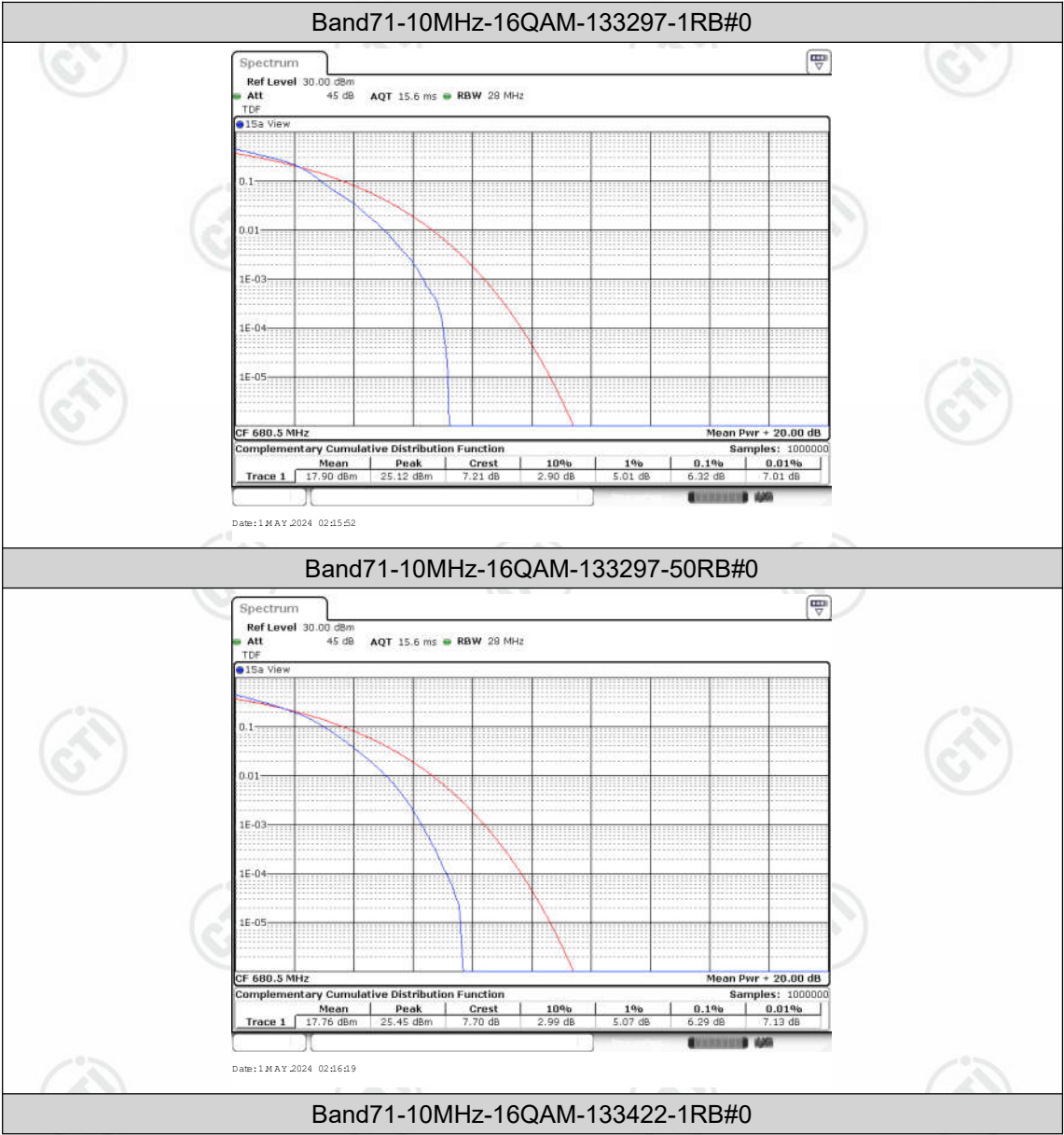


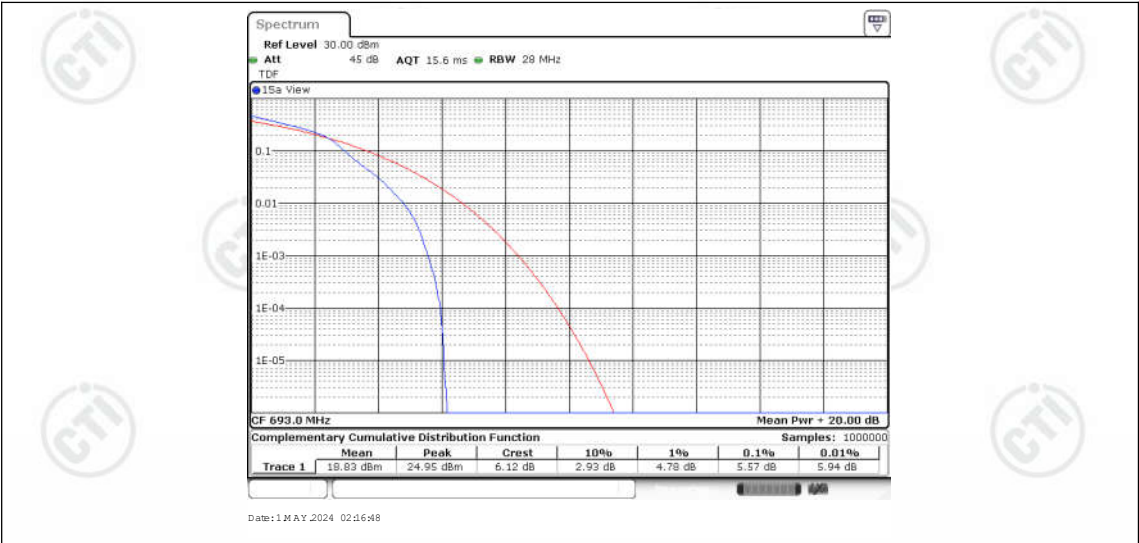




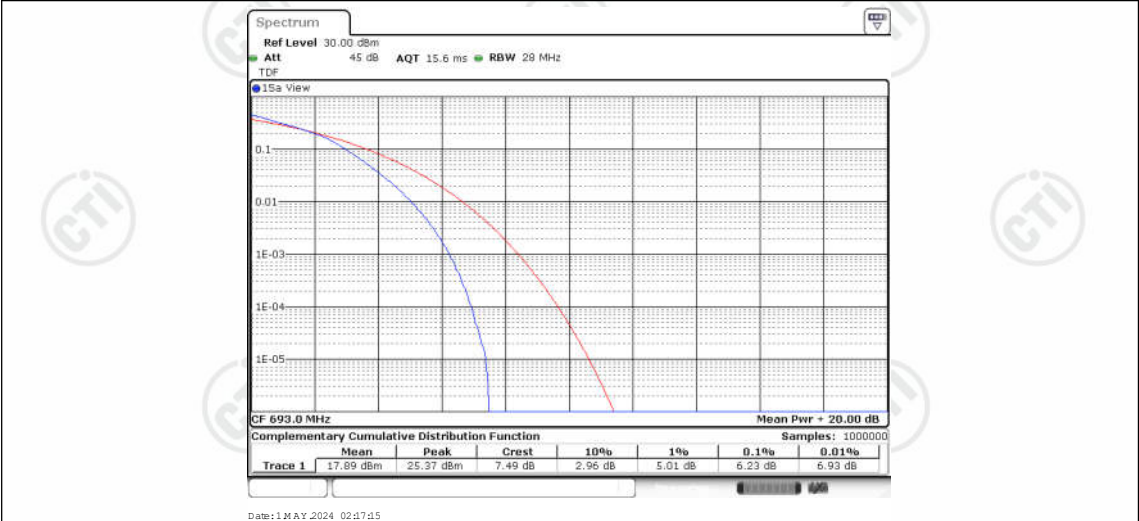




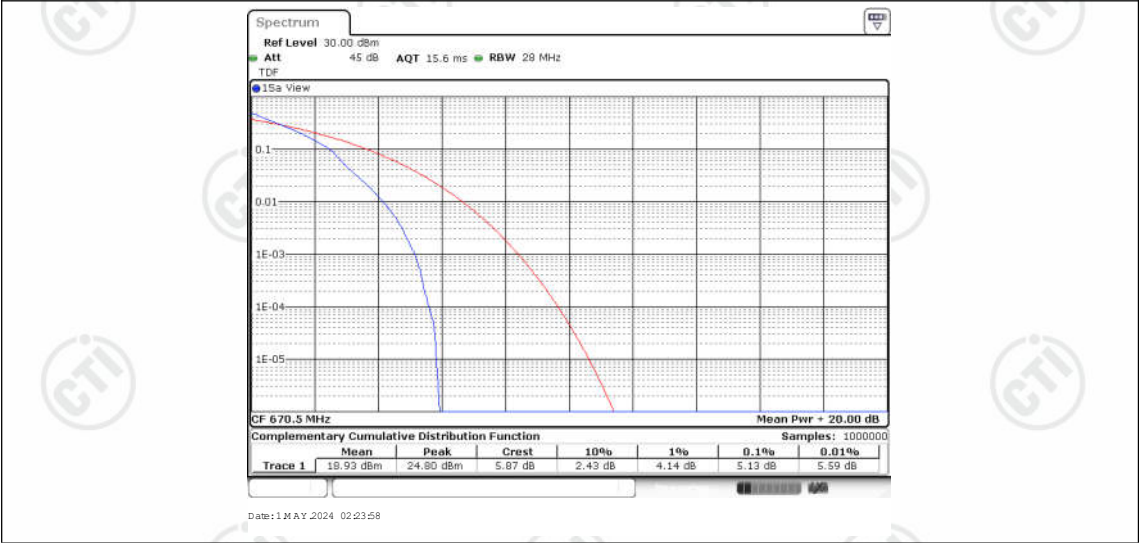


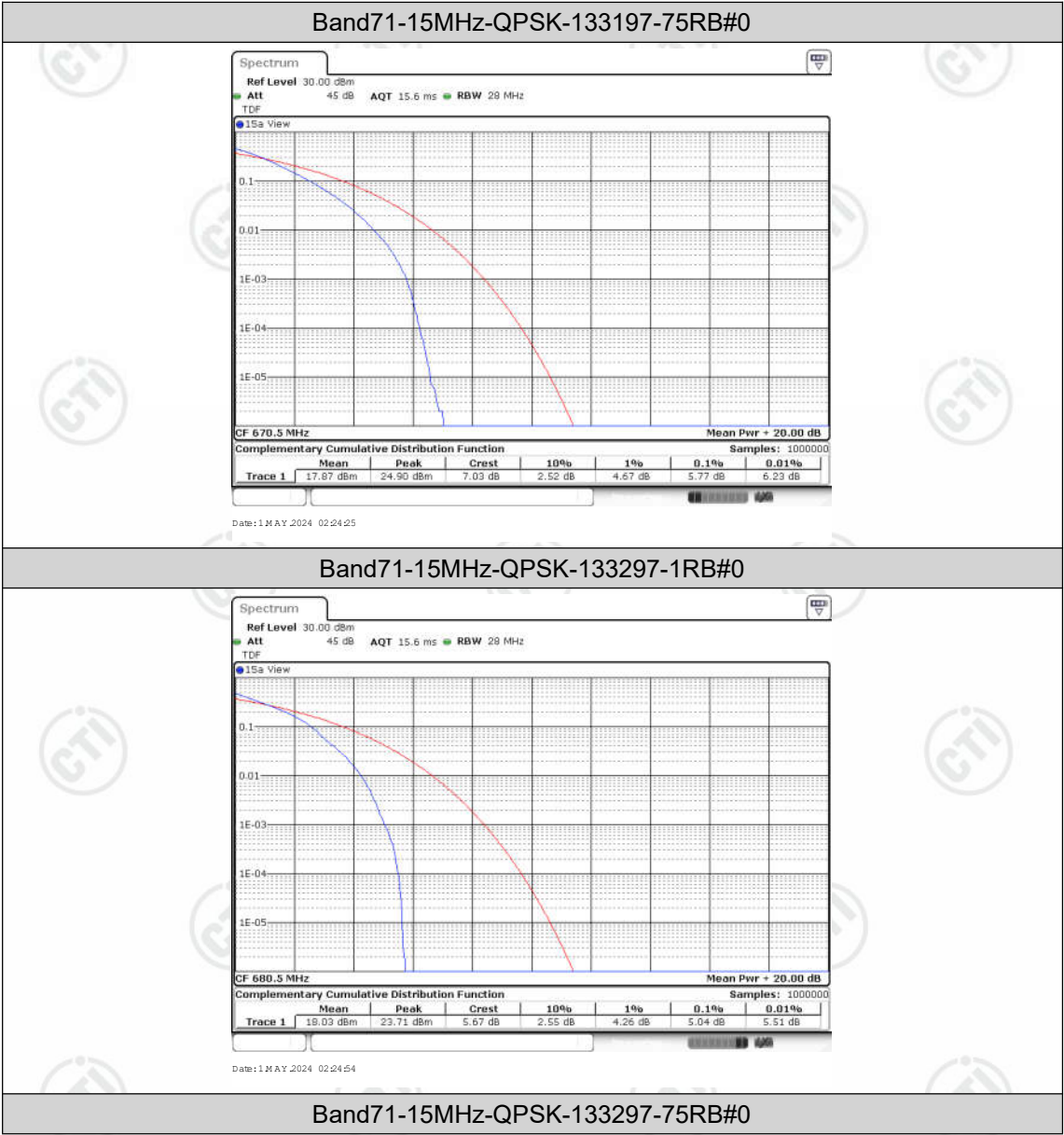


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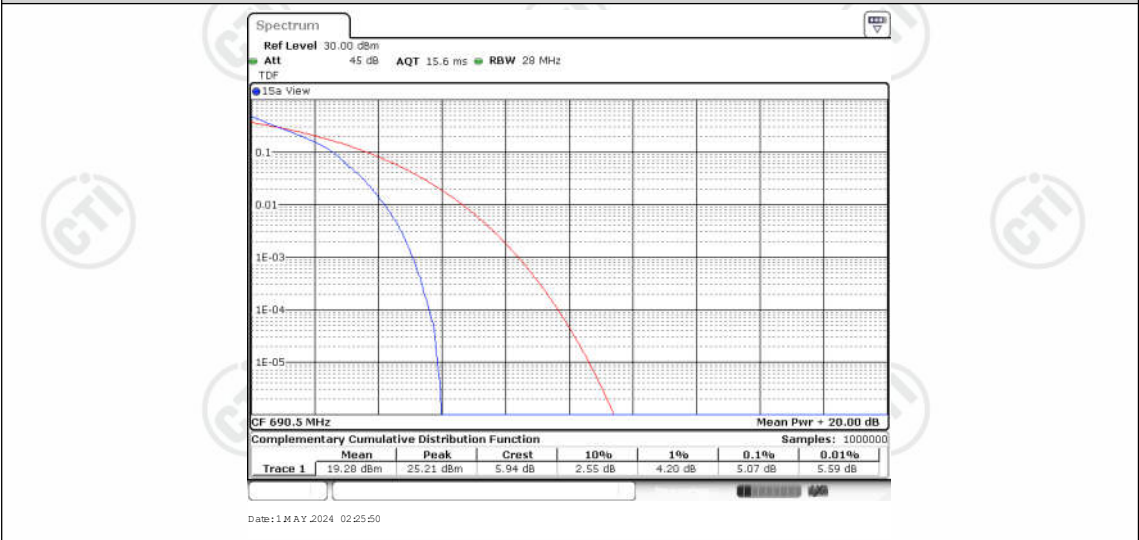
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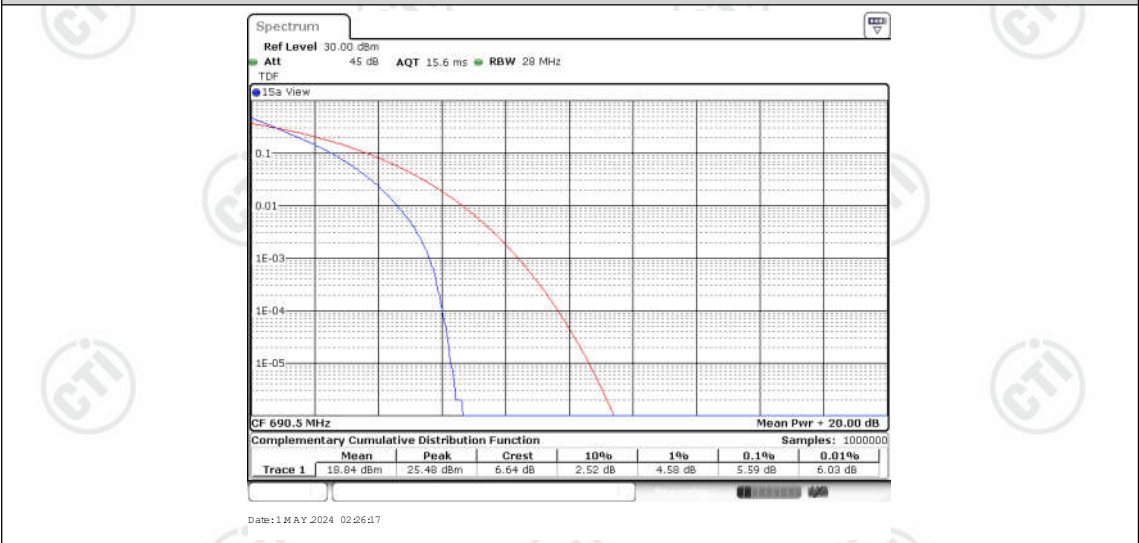


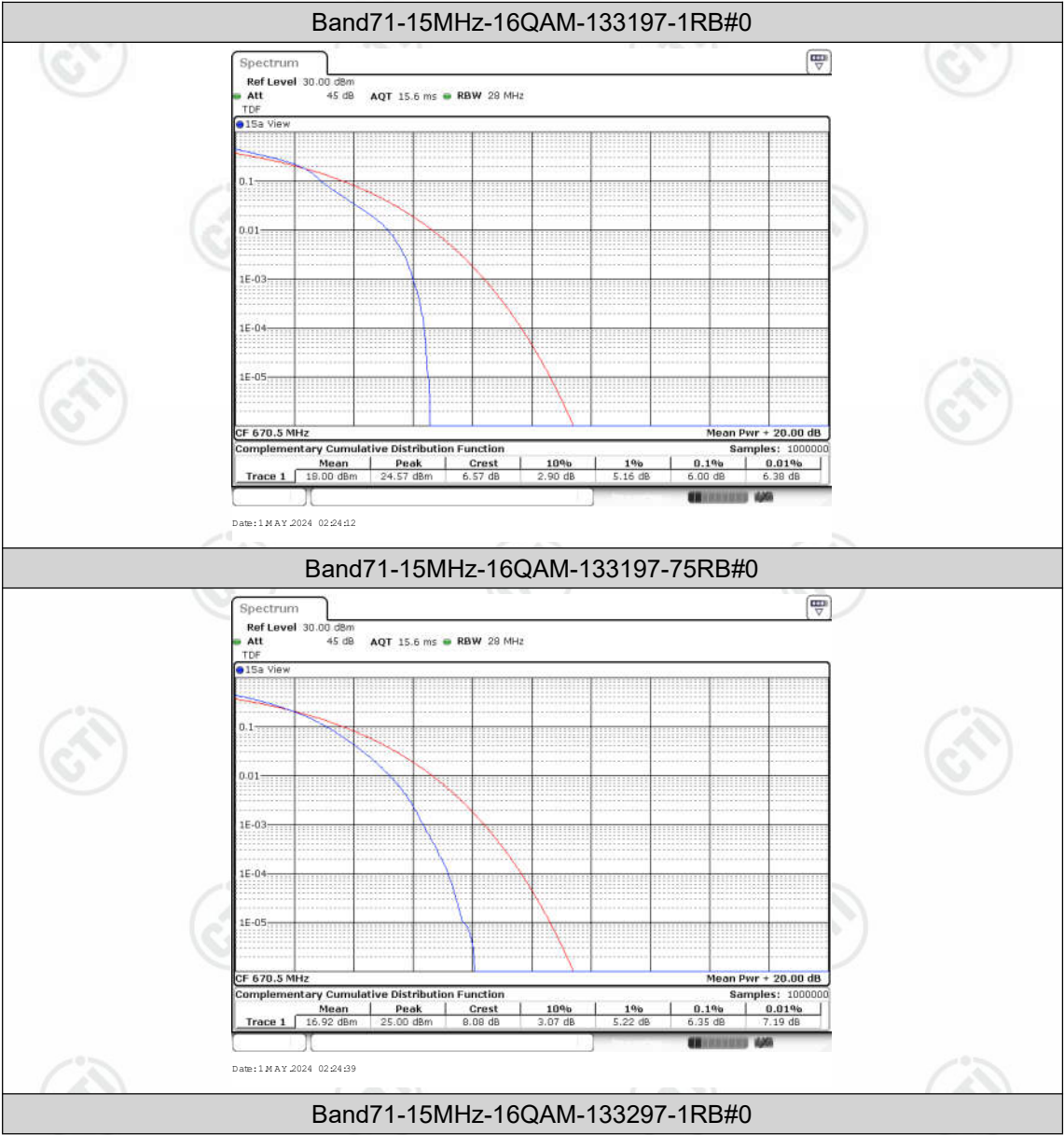


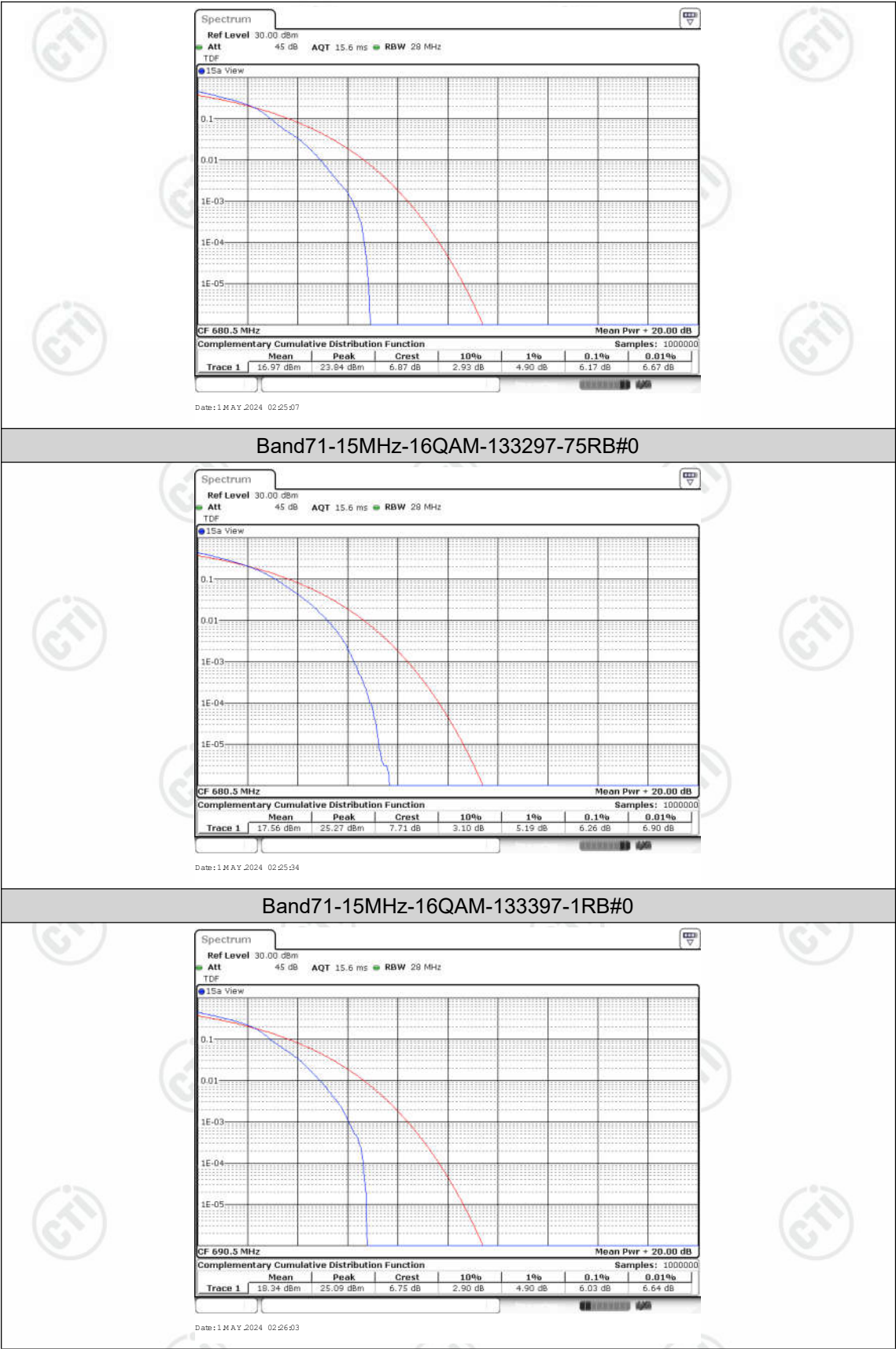
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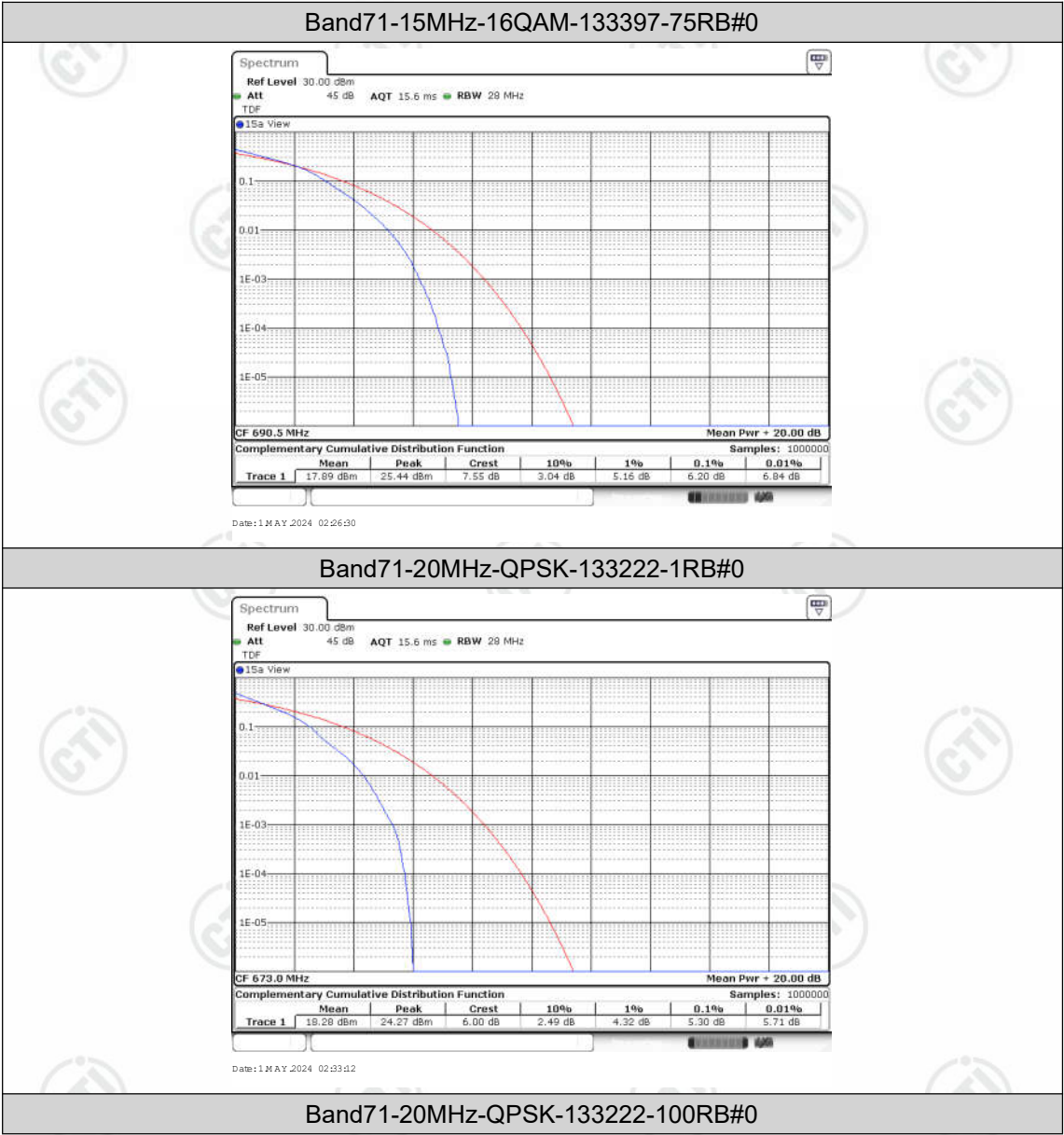


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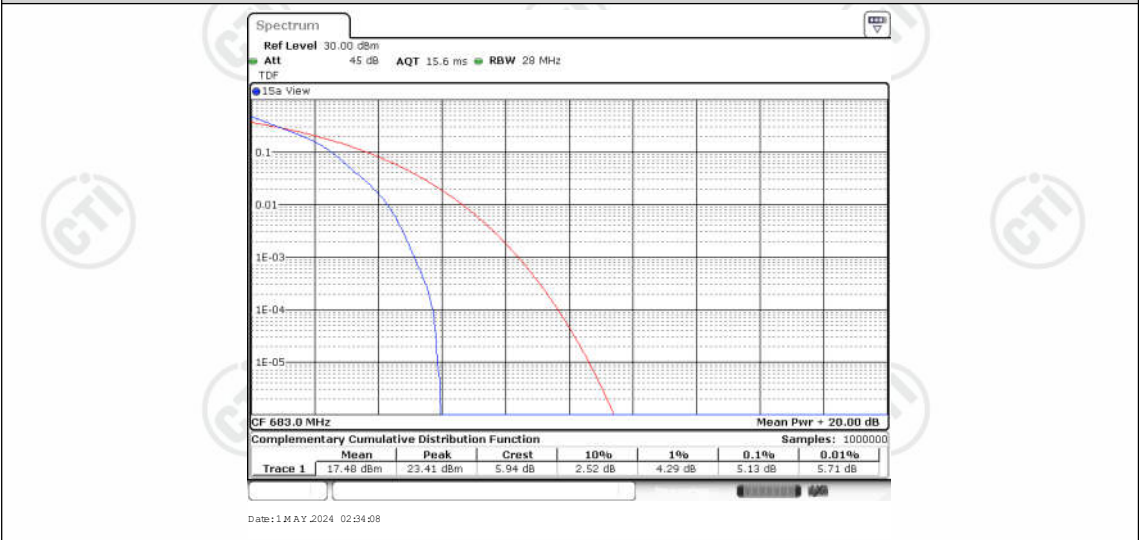




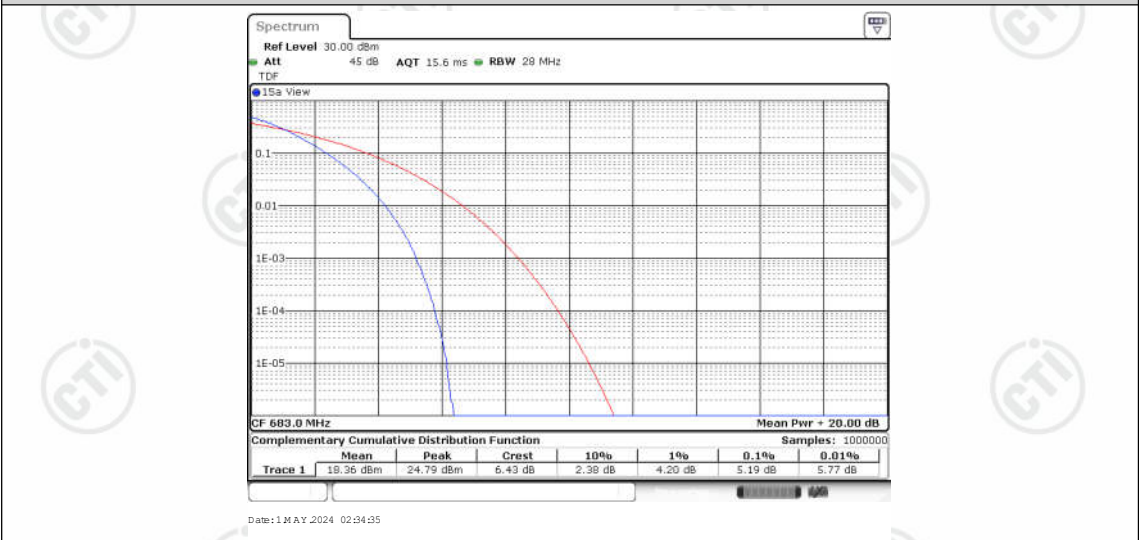


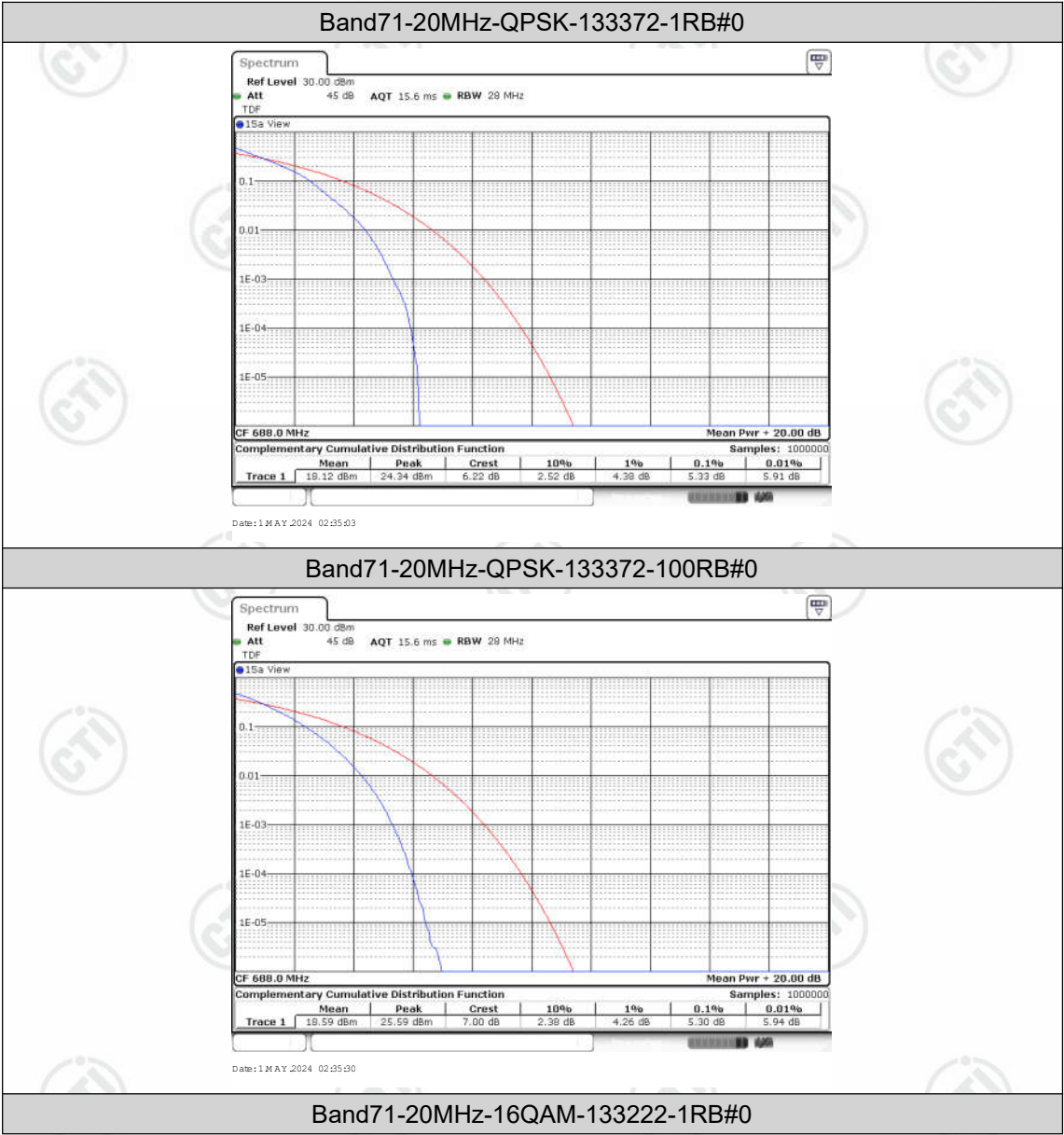


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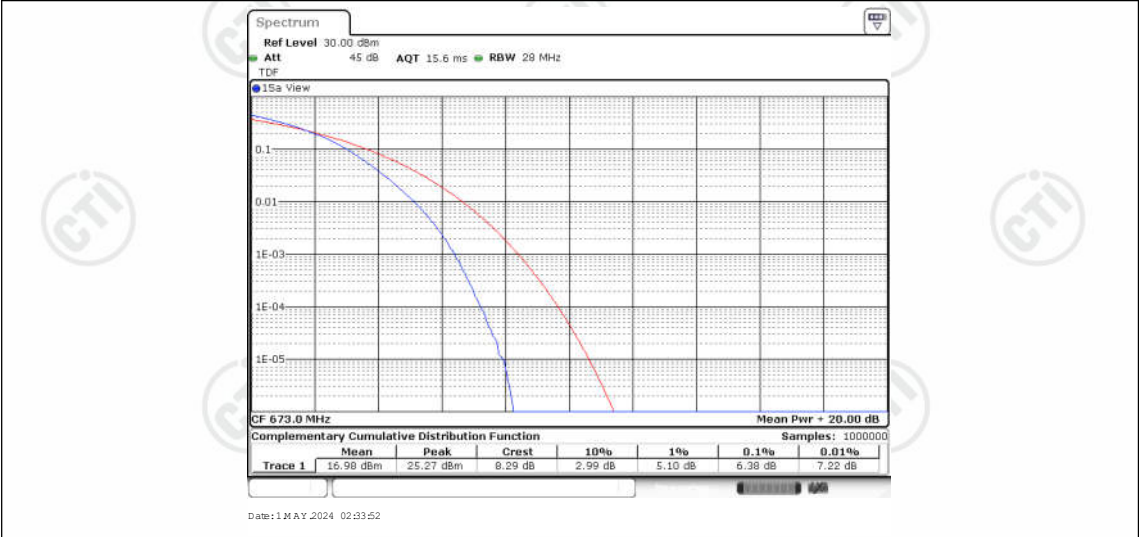
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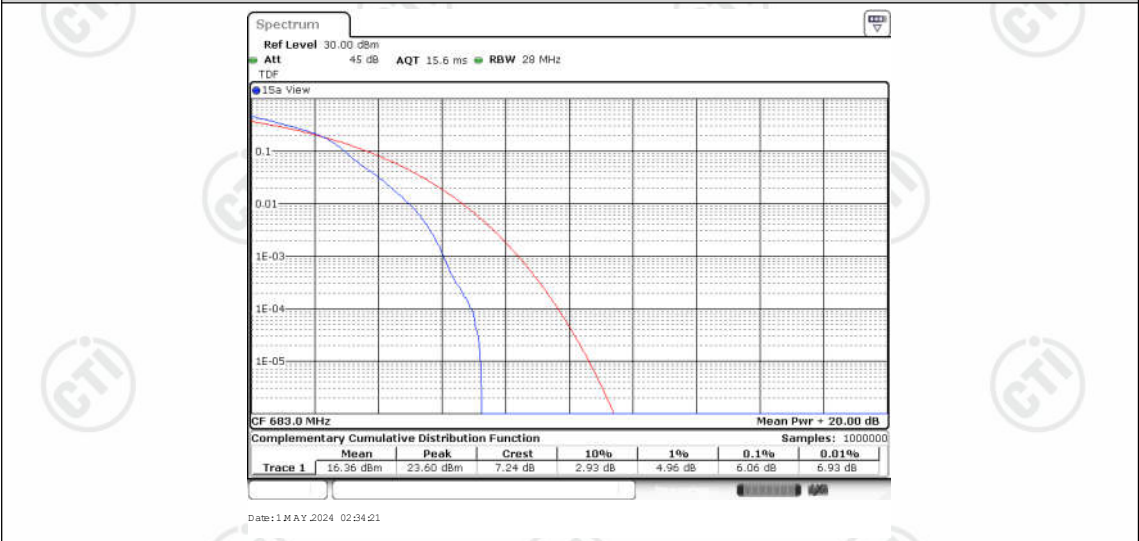


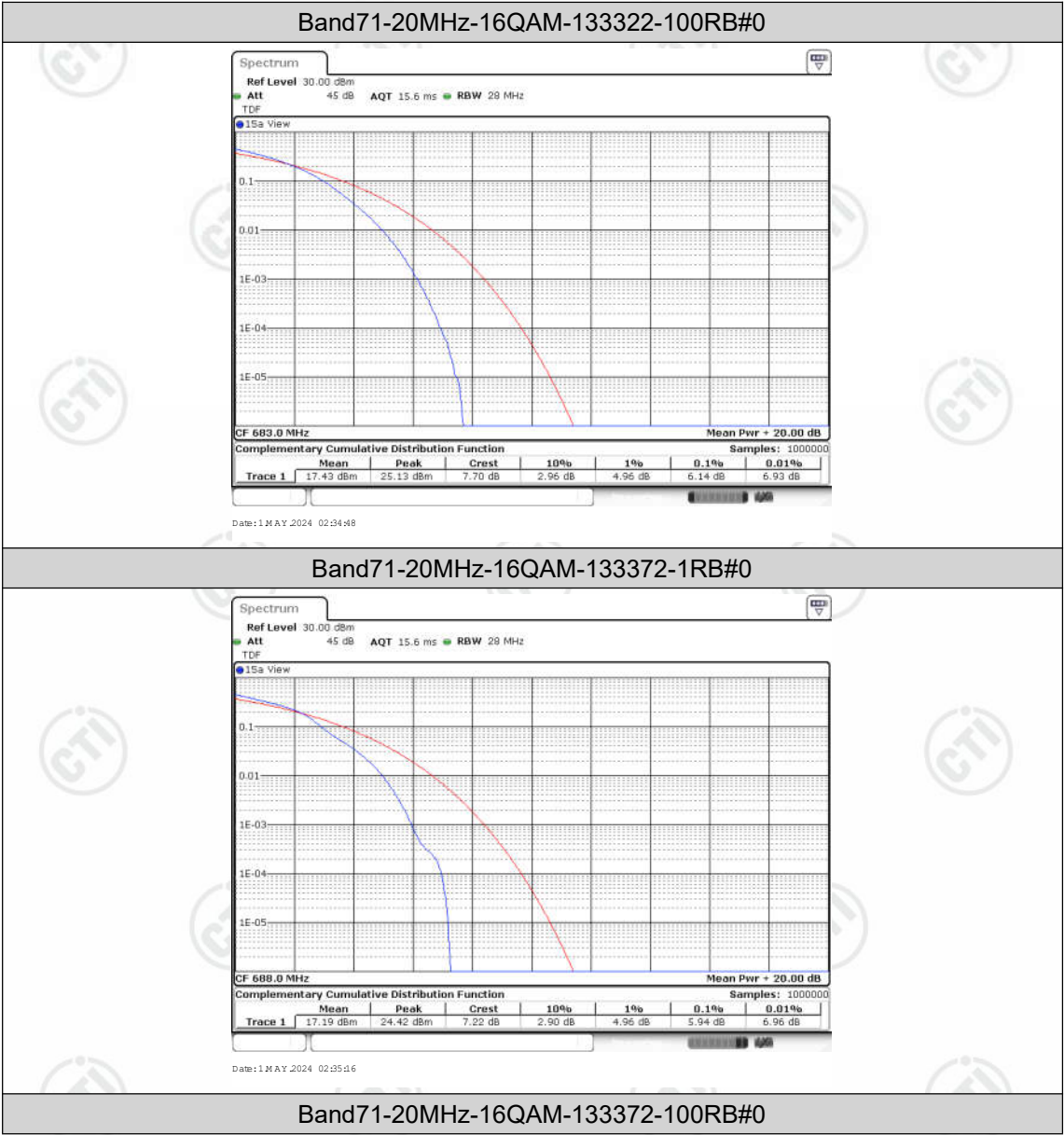


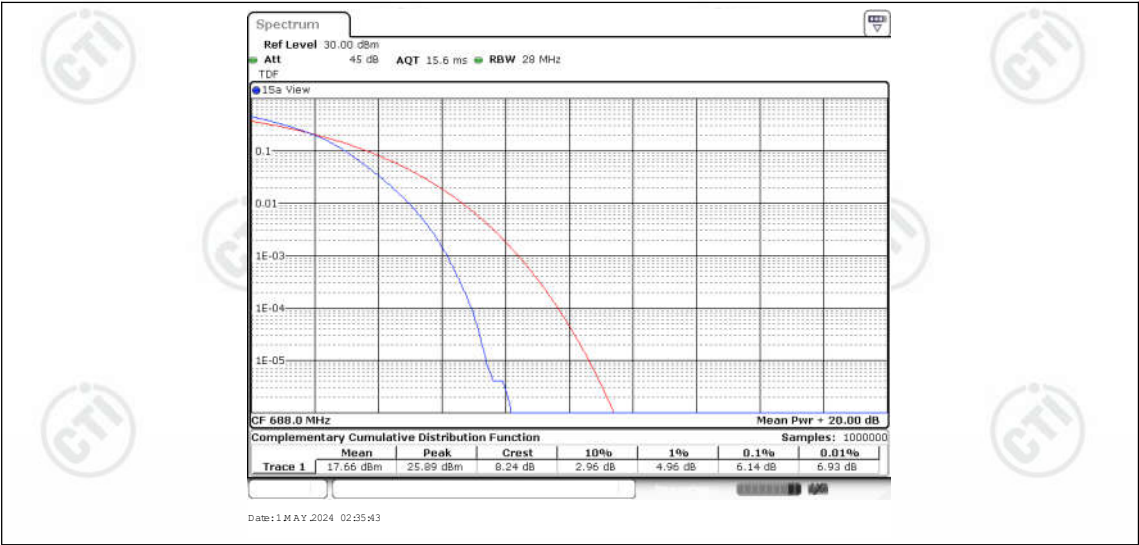
Band71-20MHz-16QAM-133222-100RB#0



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





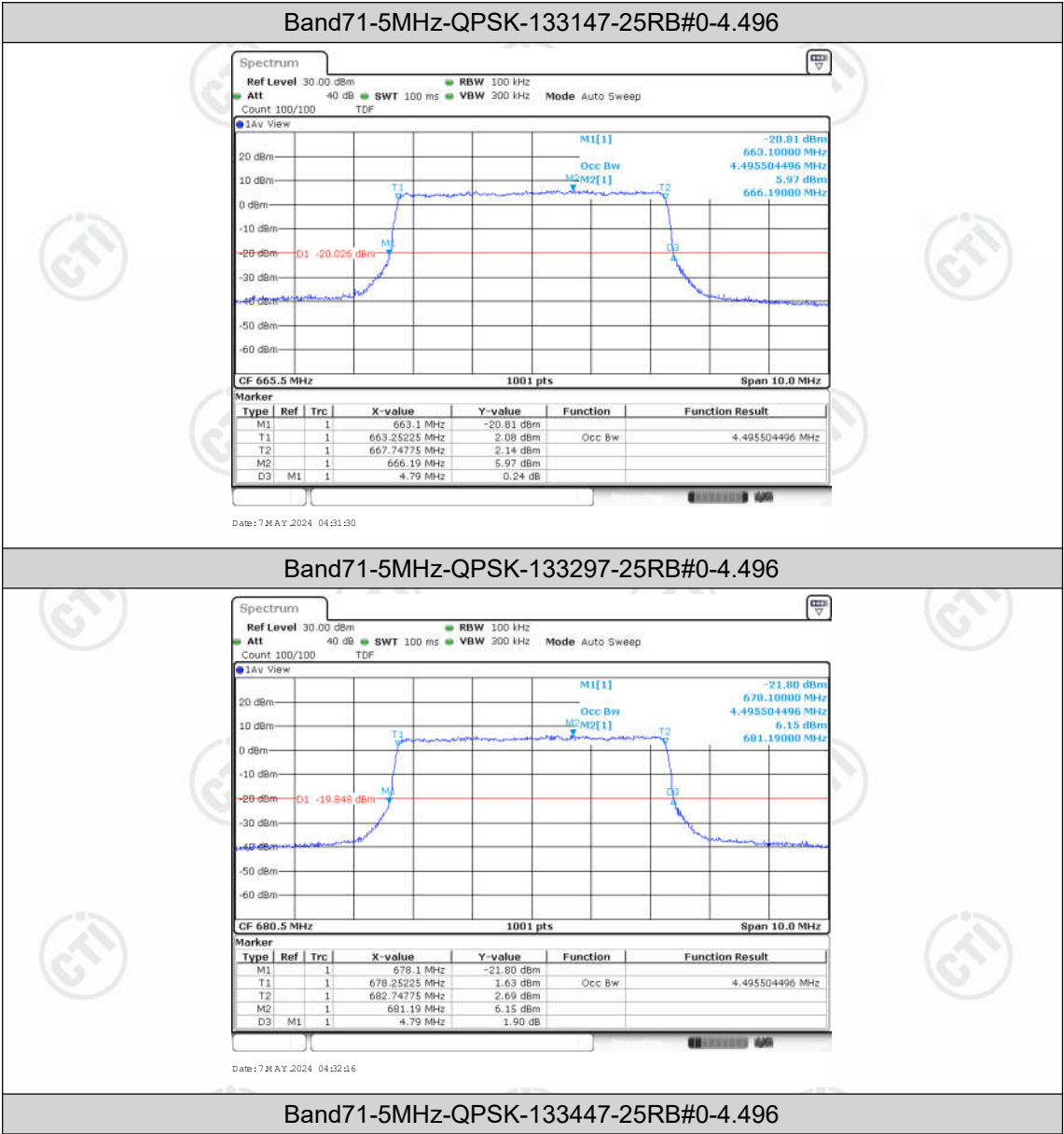


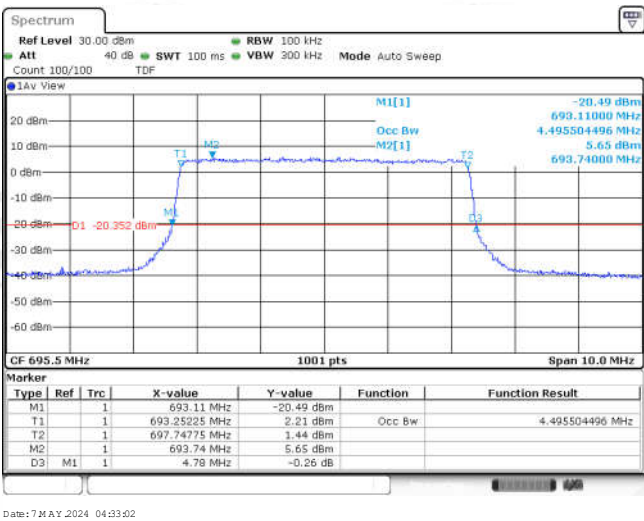
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

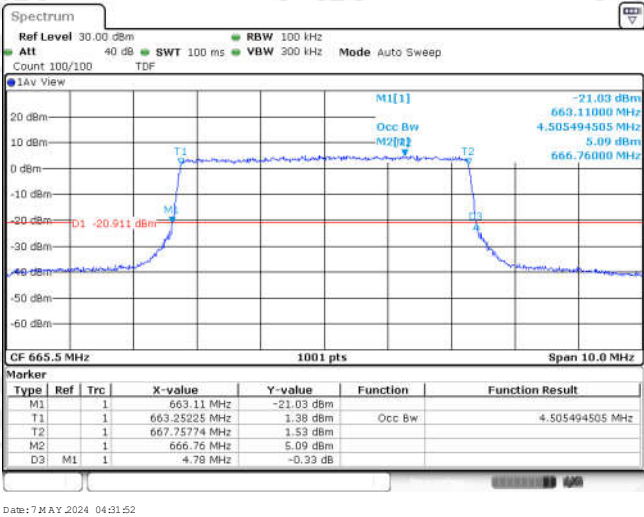
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.496	4.790	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.496	4.790	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.496	4.780	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.505	4.780	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.505	4.770	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.505	4.810	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.985	9.533	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.952	9.533	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.952	9.567	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.952	9.533	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.952	9.533	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.952	9.533	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.478	14.300	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.428	14.300	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.428	14.300	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.428	14.300	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.428	14.300	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.428	14.300	PASS
Band71	20MHz	QPSK	133222	100RB#0	18.037	19.333	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.903	19.267	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.97	19.267	PASS
Band71	20MHz	16QAM	133222	100RB#0	18.037	19.267	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.903	19.267	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.97	19.333	PASS

Test Graphs

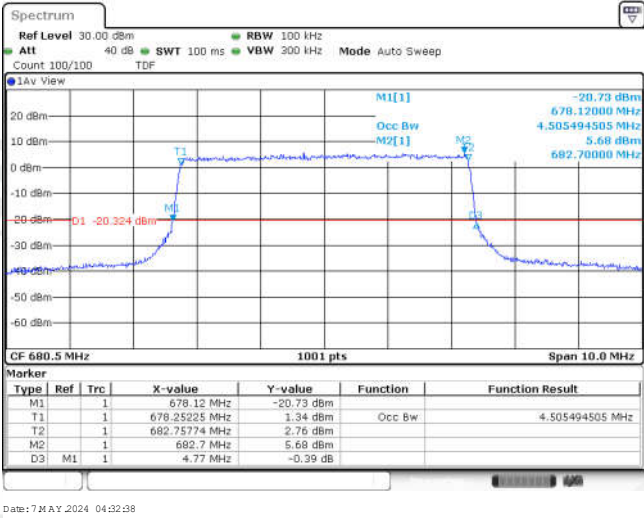


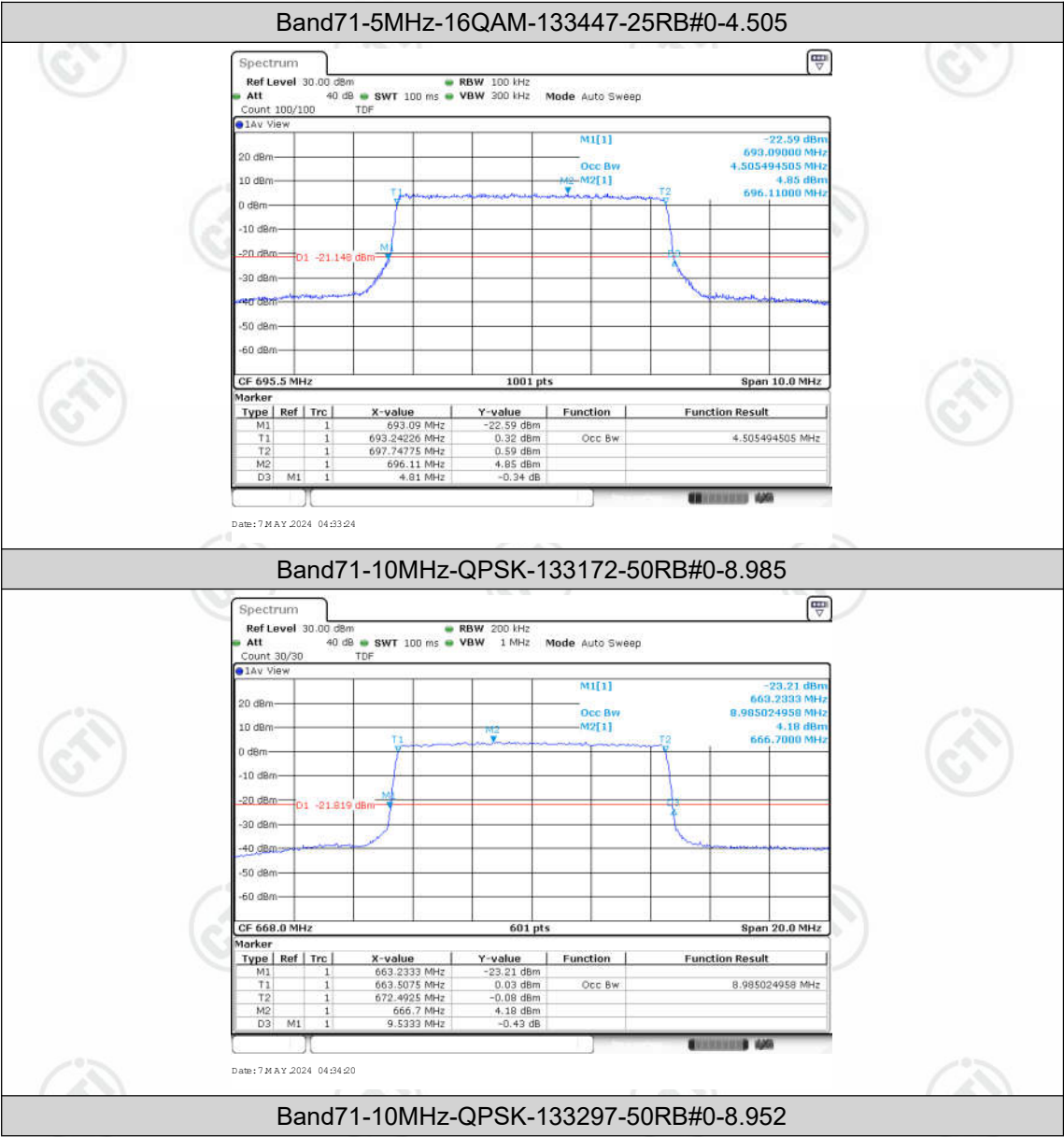


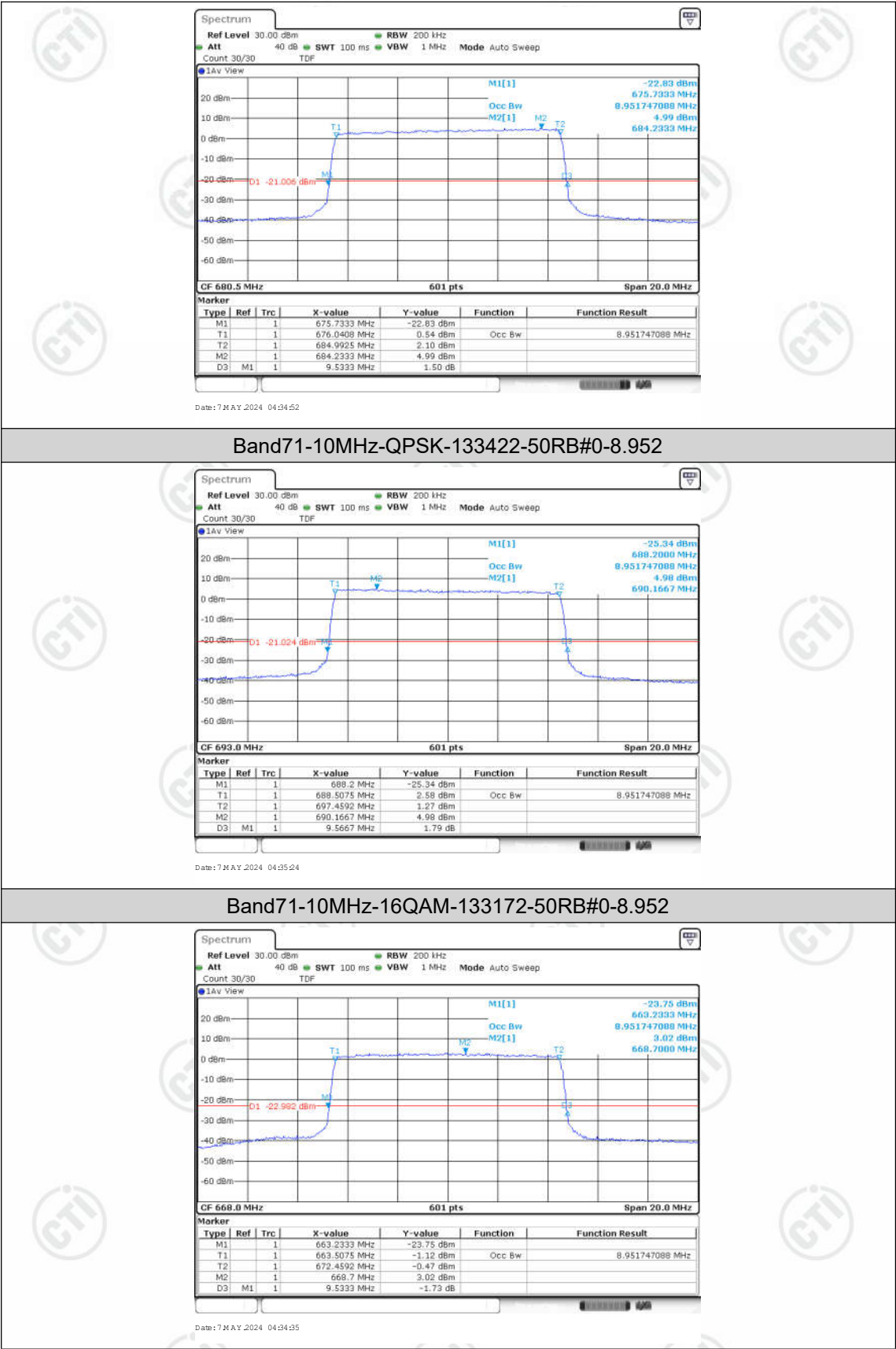
Band71-5MHz-16QAM-133147-25RB#0-4.505

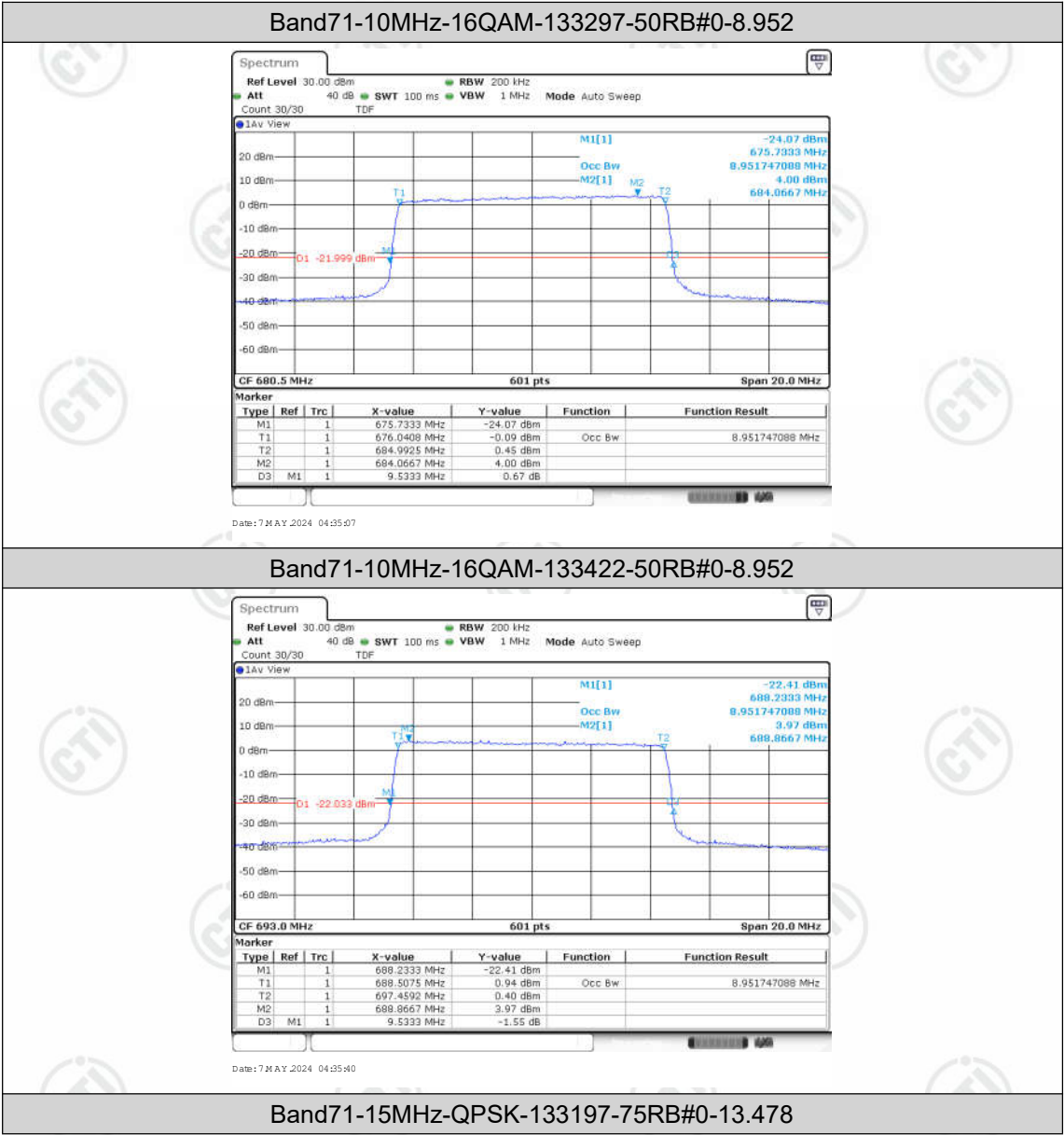


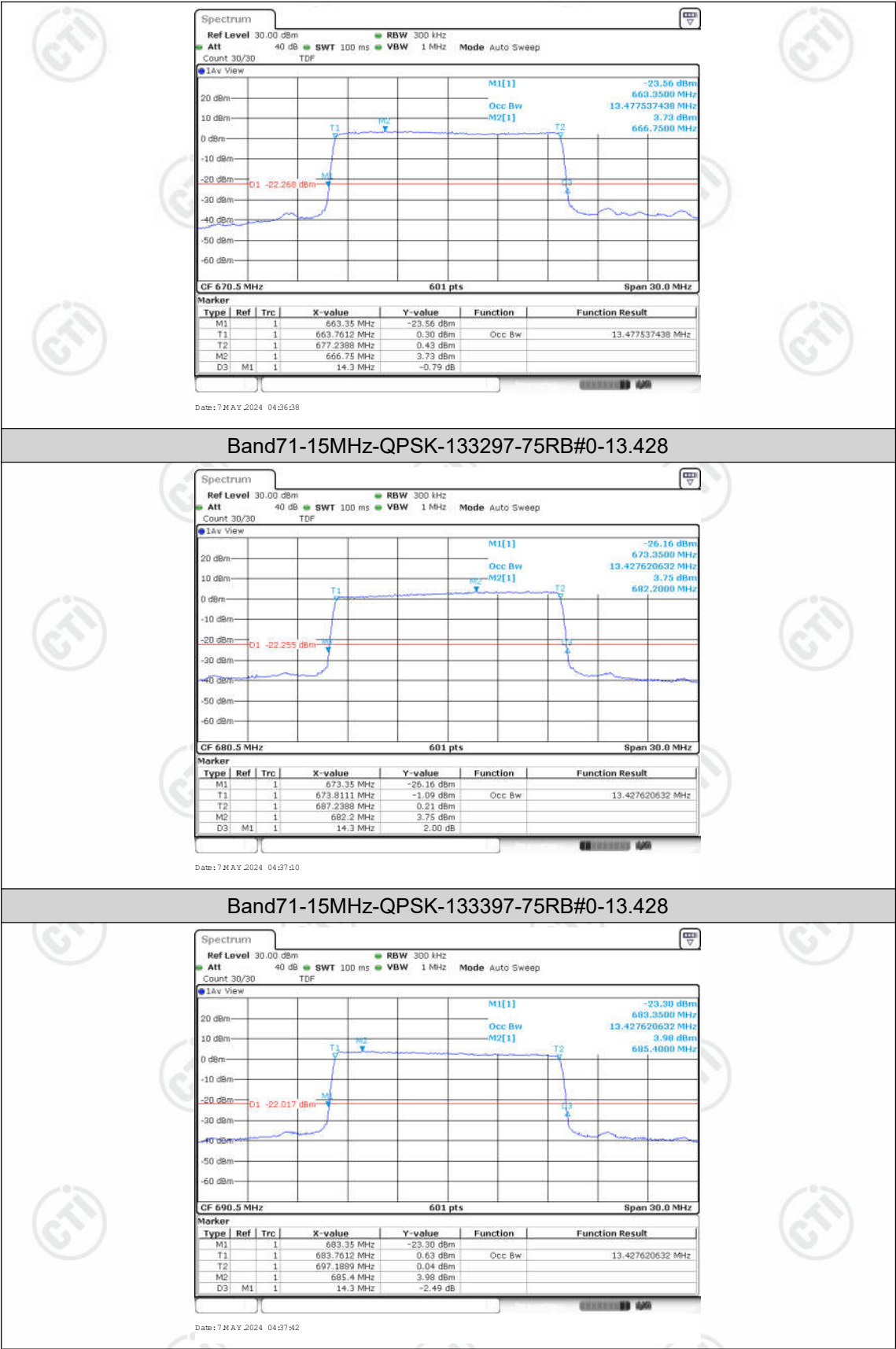
Band71-5MHz-16QAM-133297-25RB#0-4.505

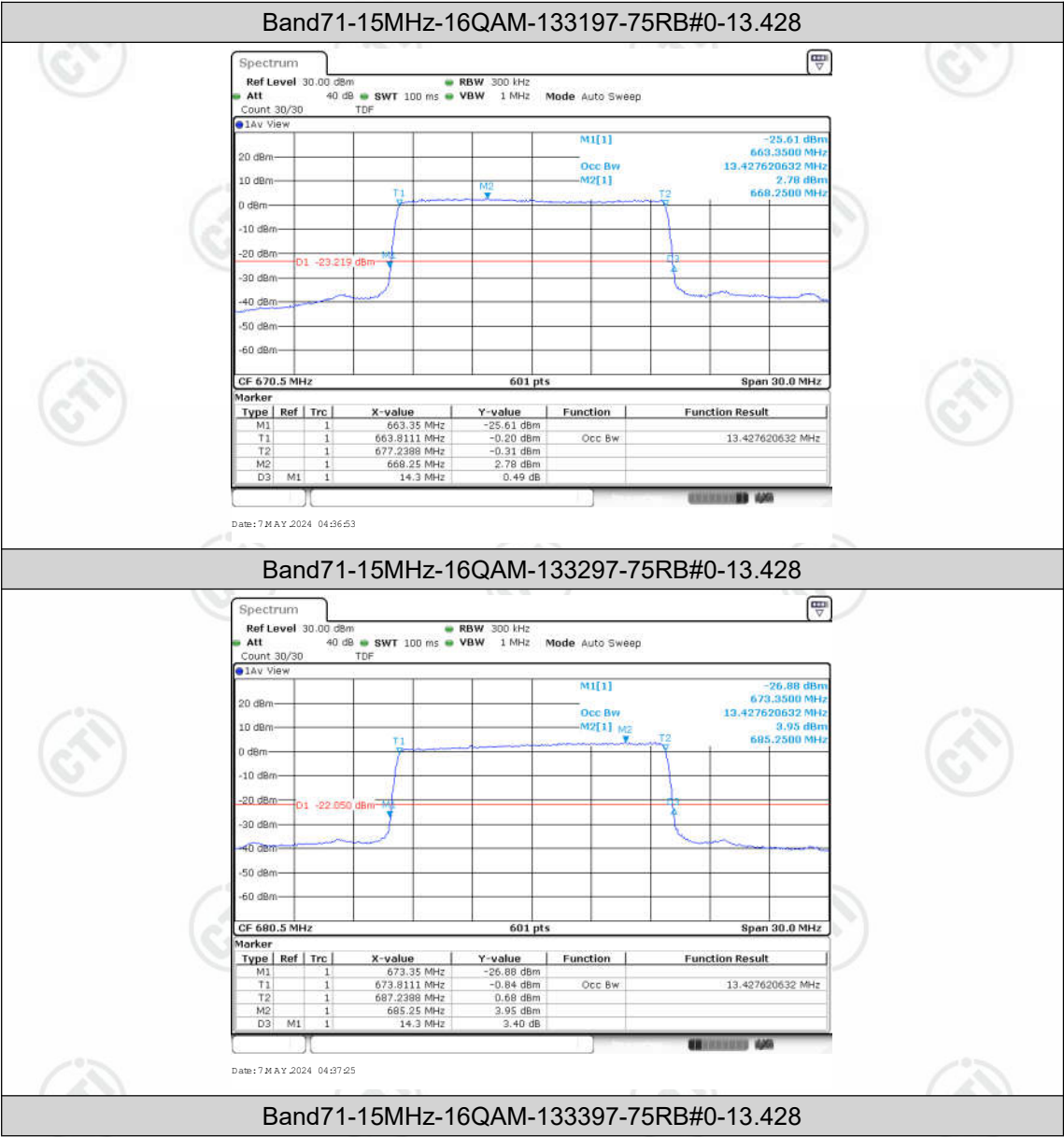


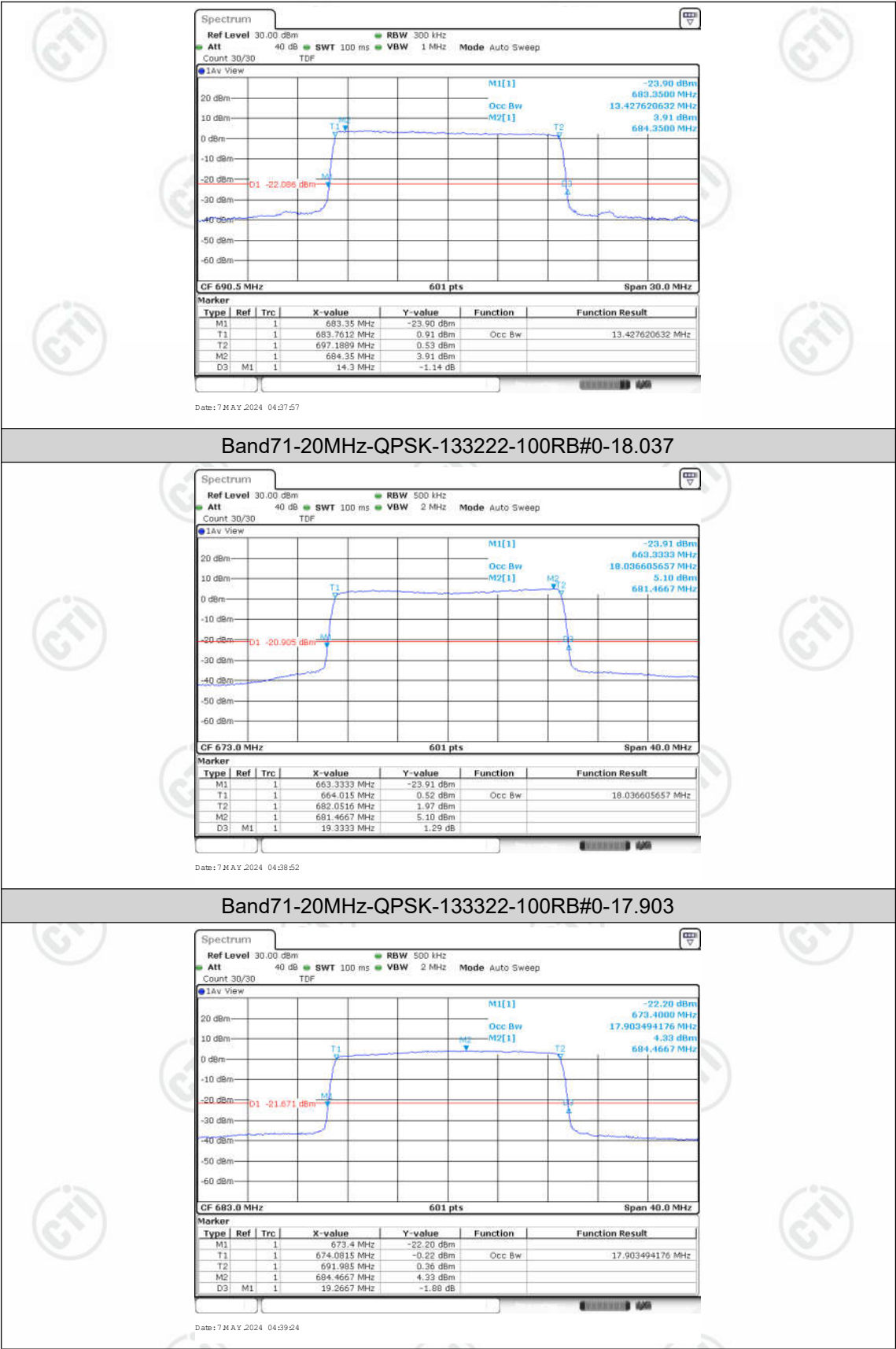


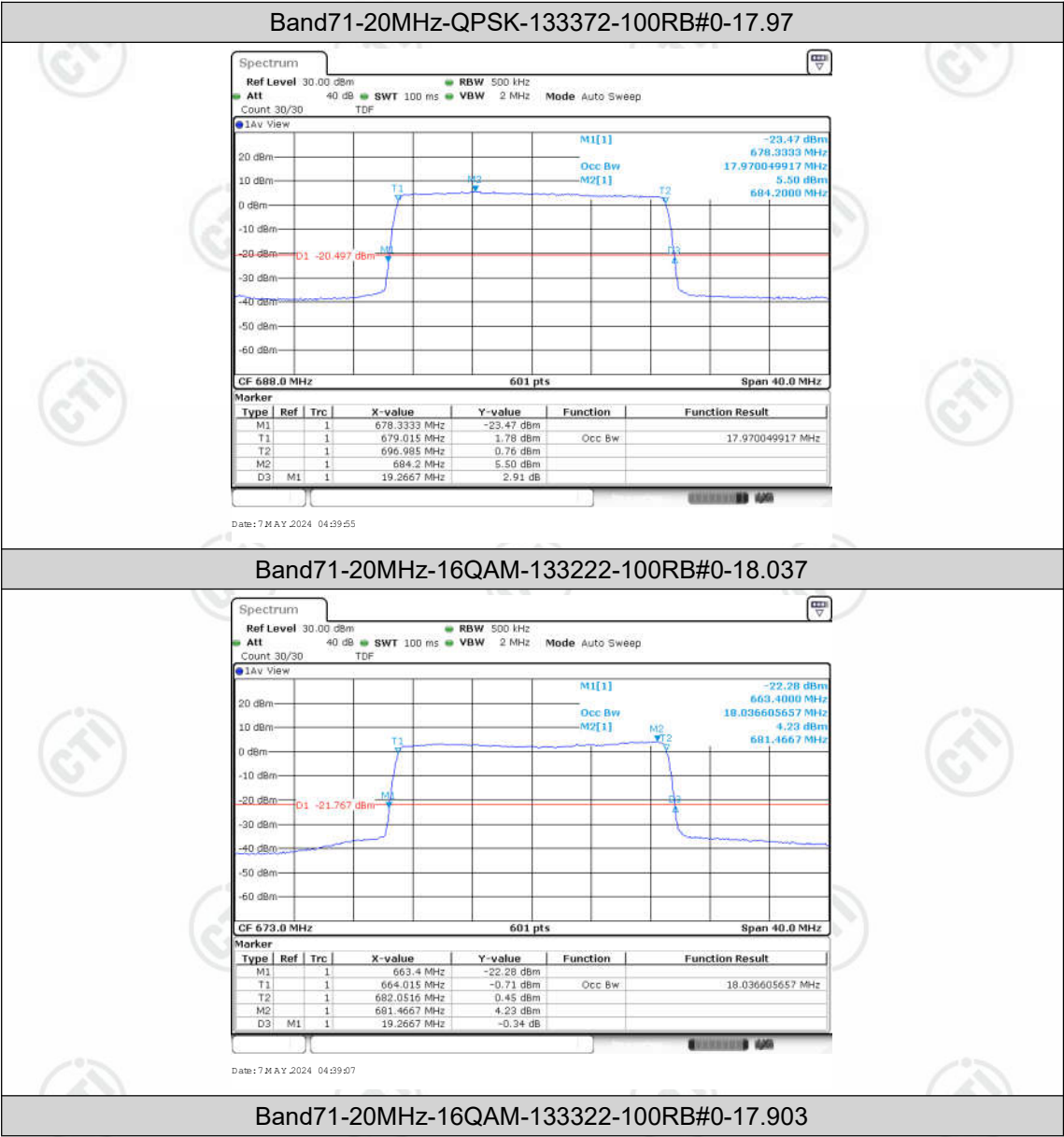


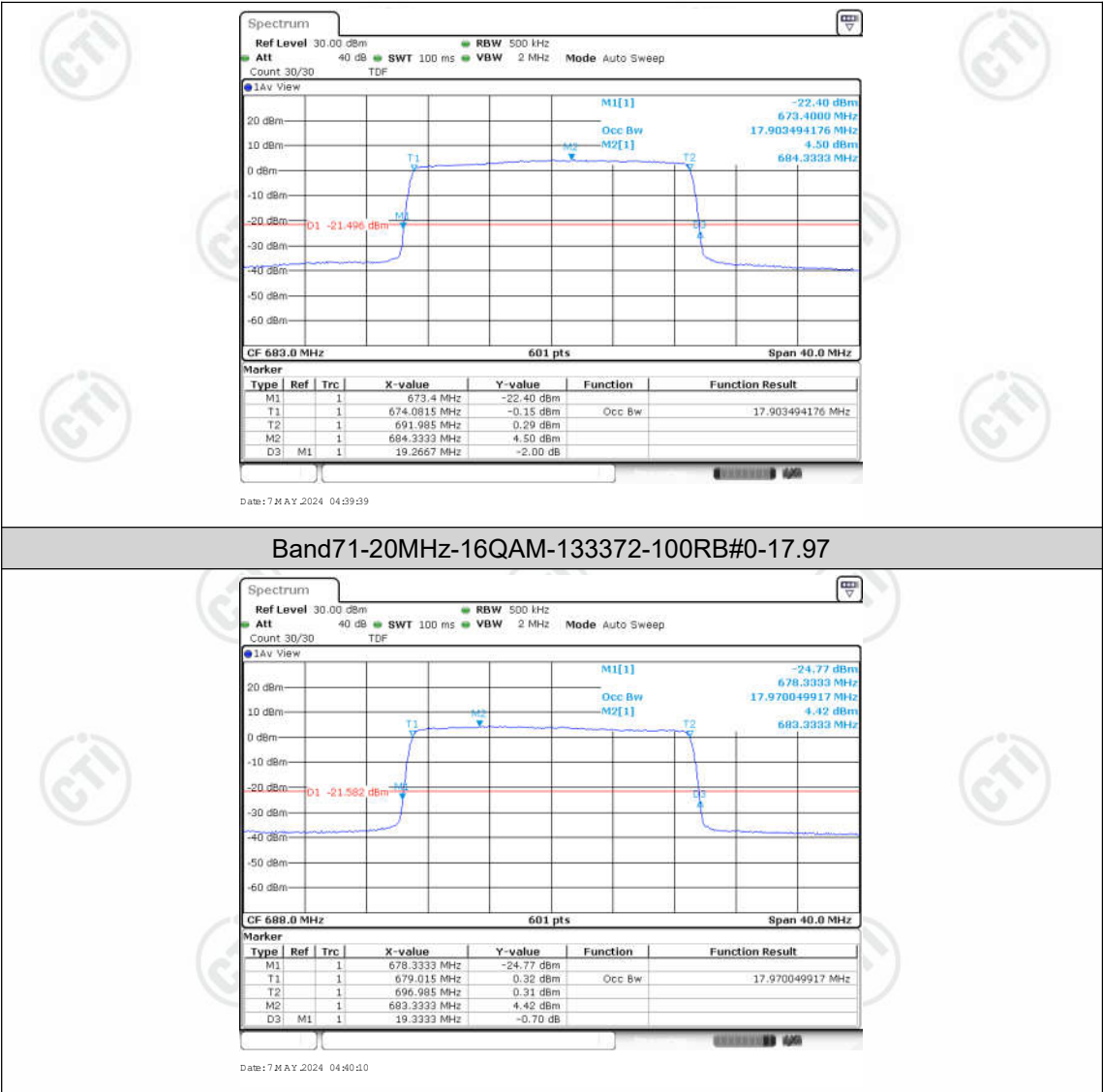










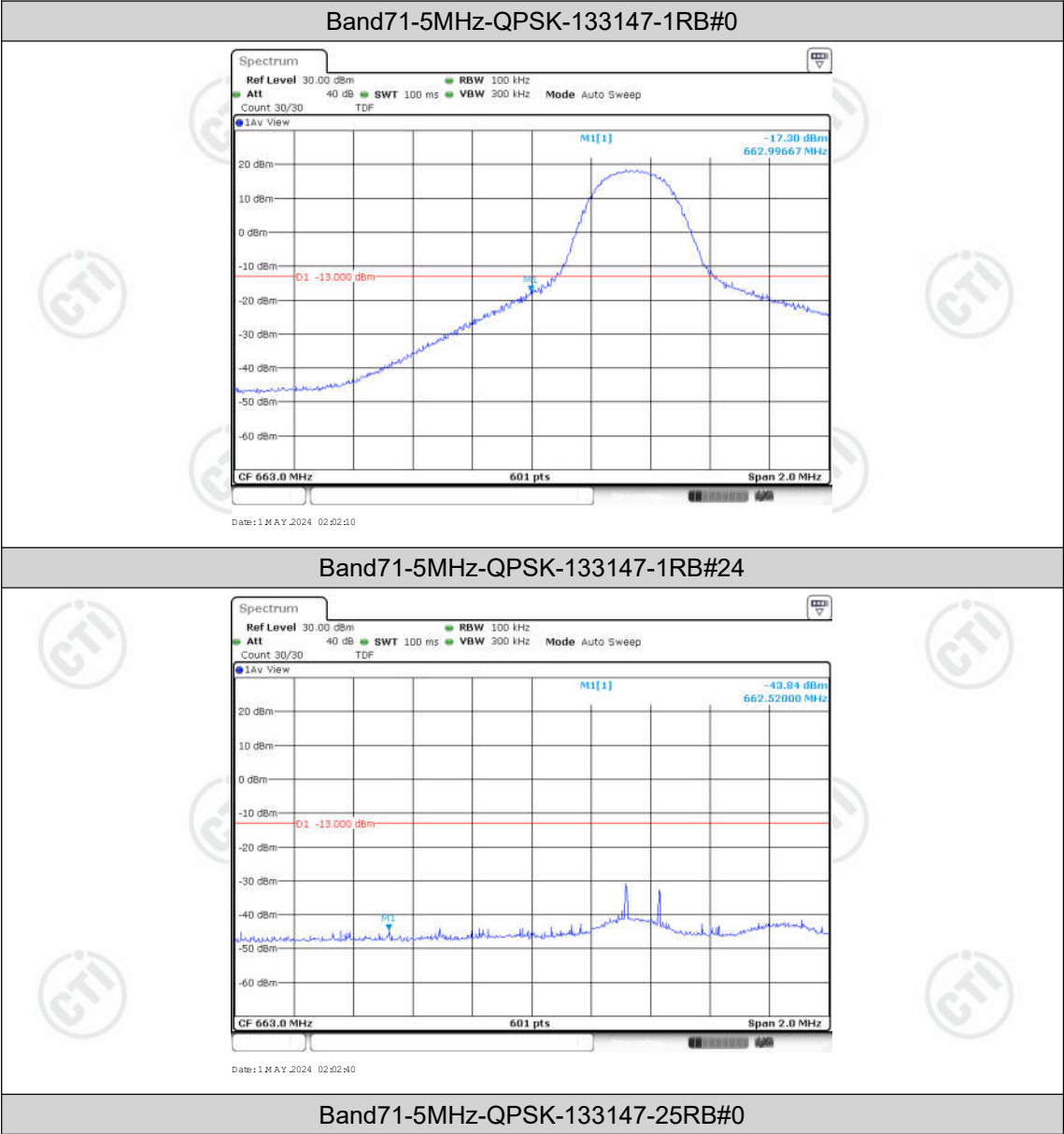


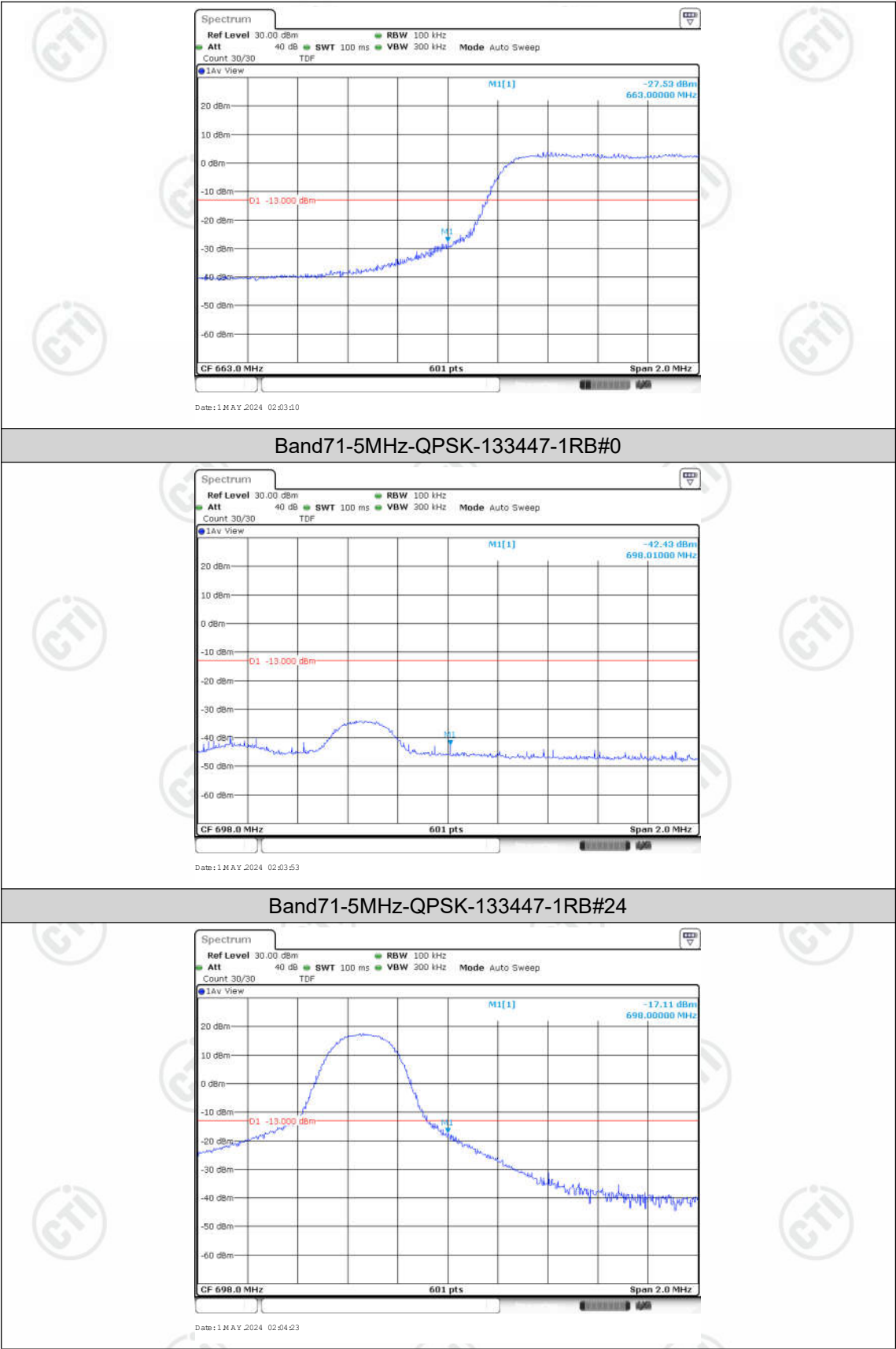
Appendix D: Band Edge**Test Result**

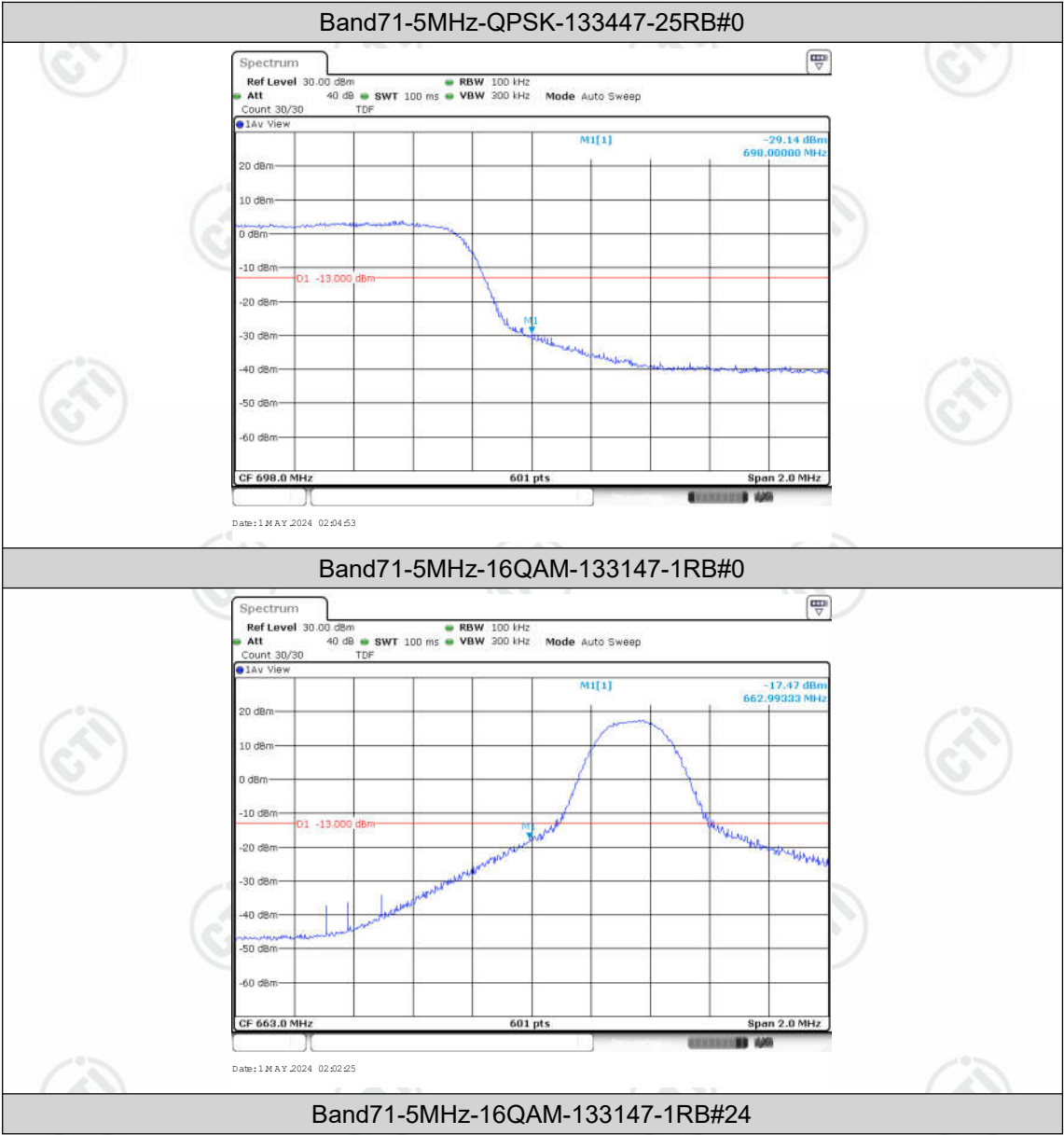
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-17.30	PASS
Band71	5MHz	QPSK	133147	1RB#24	-43.84	PASS
Band71	5MHz	QPSK	133147	25RB#0	-27.53	PASS
Band71	5MHz	QPSK	133447	1RB#0	-42.43	PASS
Band71	5MHz	QPSK	133447	1RB#24	-17.11	PASS
Band71	5MHz	QPSK	133447	25RB#0	-29.14	PASS
Band71	5MHz	16QAM	133147	1RB#0	-17.47	PASS
Band71	5MHz	16QAM	133147	1RB#24	-45.56	PASS
Band71	5MHz	16QAM	133147	25RB#0	-29.46	PASS
Band71	5MHz	16QAM	133447	1RB#0	-45.21	PASS
Band71	5MHz	16QAM	133447	1RB#24	-18.39	PASS
Band71	5MHz	16QAM	133447	25RB#0	-30.55	PASS
Band71	10MHz	QPSK	133172	1RB#0	-23.20	PASS
Band71	10MHz	QPSK	133172	1RB#49	-43.73	PASS
Band71	10MHz	QPSK	133172	50RB#0	-34.41	PASS
Band71	10MHz	QPSK	133422	1RB#0	-43.71	PASS
Band71	10MHz	QPSK	133422	1RB#49	-23.65	PASS
Band71	10MHz	QPSK	133422	50RB#0	-34.33	PASS
Band71	10MHz	16QAM	133172	1RB#0	-23.00	PASS
Band71	10MHz	16QAM	133172	1RB#49	-43.56	PASS
Band71	10MHz	16QAM	133172	50RB#0	-35.48	PASS
Band71	10MHz	16QAM	133422	1RB#0	-43.64	PASS
Band71	10MHz	16QAM	133422	1RB#49	-23.22	PASS
Band71	10MHz	16QAM	133422	50RB#0	-34.32	PASS
Band71	15MHz	QPSK	133197	1RB#0	-25.06	PASS
Band71	15MHz	QPSK	133197	1RB#74	-42.10	PASS
Band71	15MHz	QPSK	133197	75RB#0	-36.20	PASS
Band71	15MHz	QPSK	133397	1RB#0	-42.57	PASS
Band71	15MHz	QPSK	133397	1RB#74	-26.02	PASS
Band71	15MHz	QPSK	133397	75RB#0	-34.25	PASS
Band71	15MHz	16QAM	133197	1RB#0	-26.63	PASS
Band71	15MHz	16QAM	133197	1RB#74	-42.39	PASS
Band71	15MHz	16QAM	133197	75RB#0	-36.22	PASS

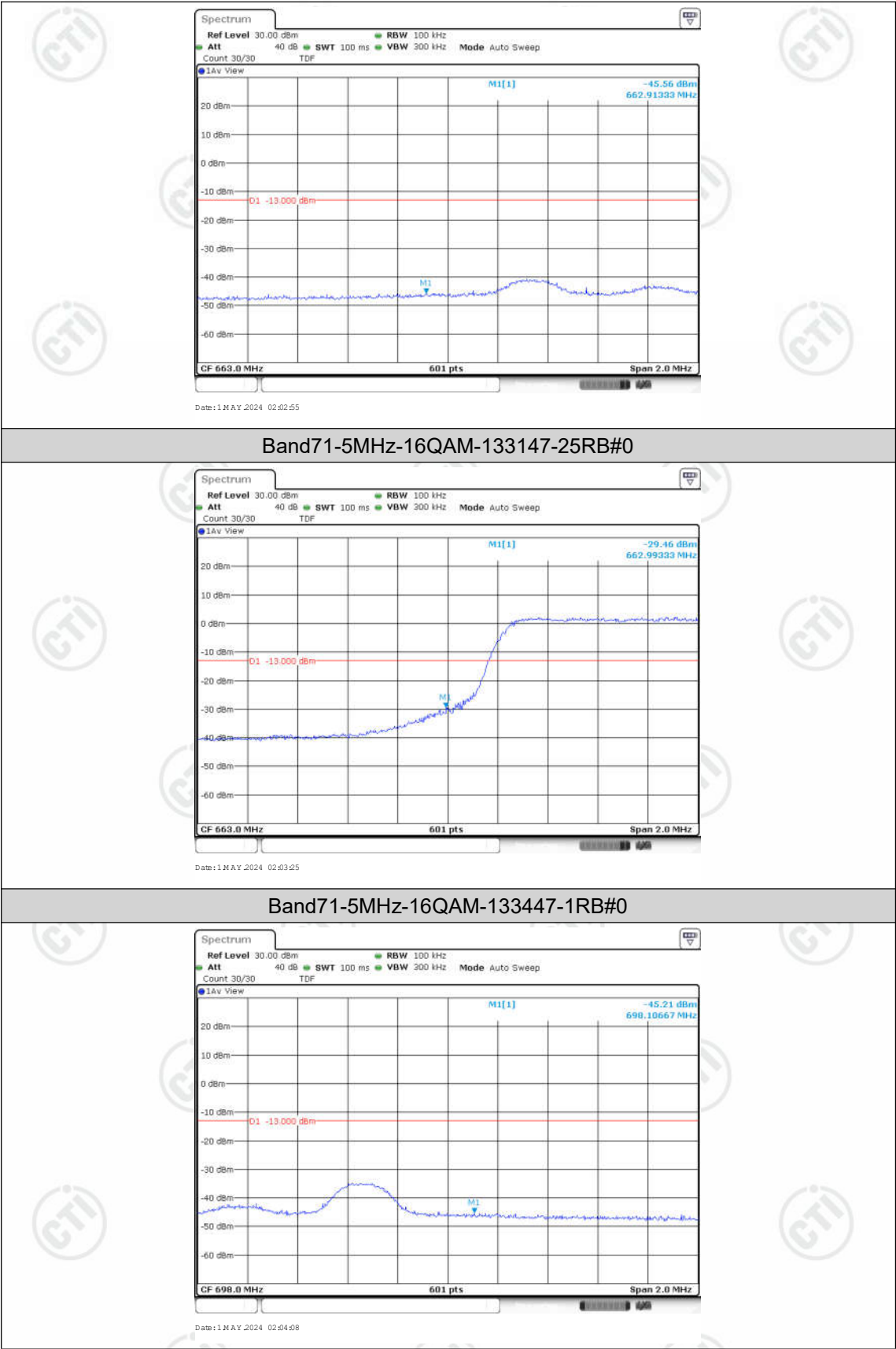
Band71	15MHz	16QAM	133397	1RB#0	-42.40	PASS
Band71	15MHz	16QAM	133397	1RB#74	-26.38	PASS
Band71	15MHz	16QAM	133397	75RB#0	-35.97	PASS
Band71	20MHz	QPSK	133222	1RB#0	-26.06	PASS
Band71	20MHz	QPSK	133222	1RB#99	-41.24	PASS
Band71	20MHz	QPSK	133222	100RB#0	-35.14	PASS
Band71	20MHz	QPSK	133372	1RB#0	-40.80	PASS
Band71	20MHz	QPSK	133372	1RB#99	-26.36	PASS
Band71	20MHz	QPSK	133372	100RB#0	-35.68	PASS
Band71	20MHz	16QAM	133222	1RB#0	-27.26	PASS
Band71	20MHz	16QAM	133222	1RB#99	-41.37	PASS
Band71	20MHz	16QAM	133222	100RB#0	-35.14	PASS
Band71	20MHz	16QAM	133372	1RB#0	-41.05	PASS
Band71	20MHz	16QAM	133372	1RB#99	-27.23	PASS
Band71	20MHz	16QAM	133372	100RB#0	-35.84	PASS

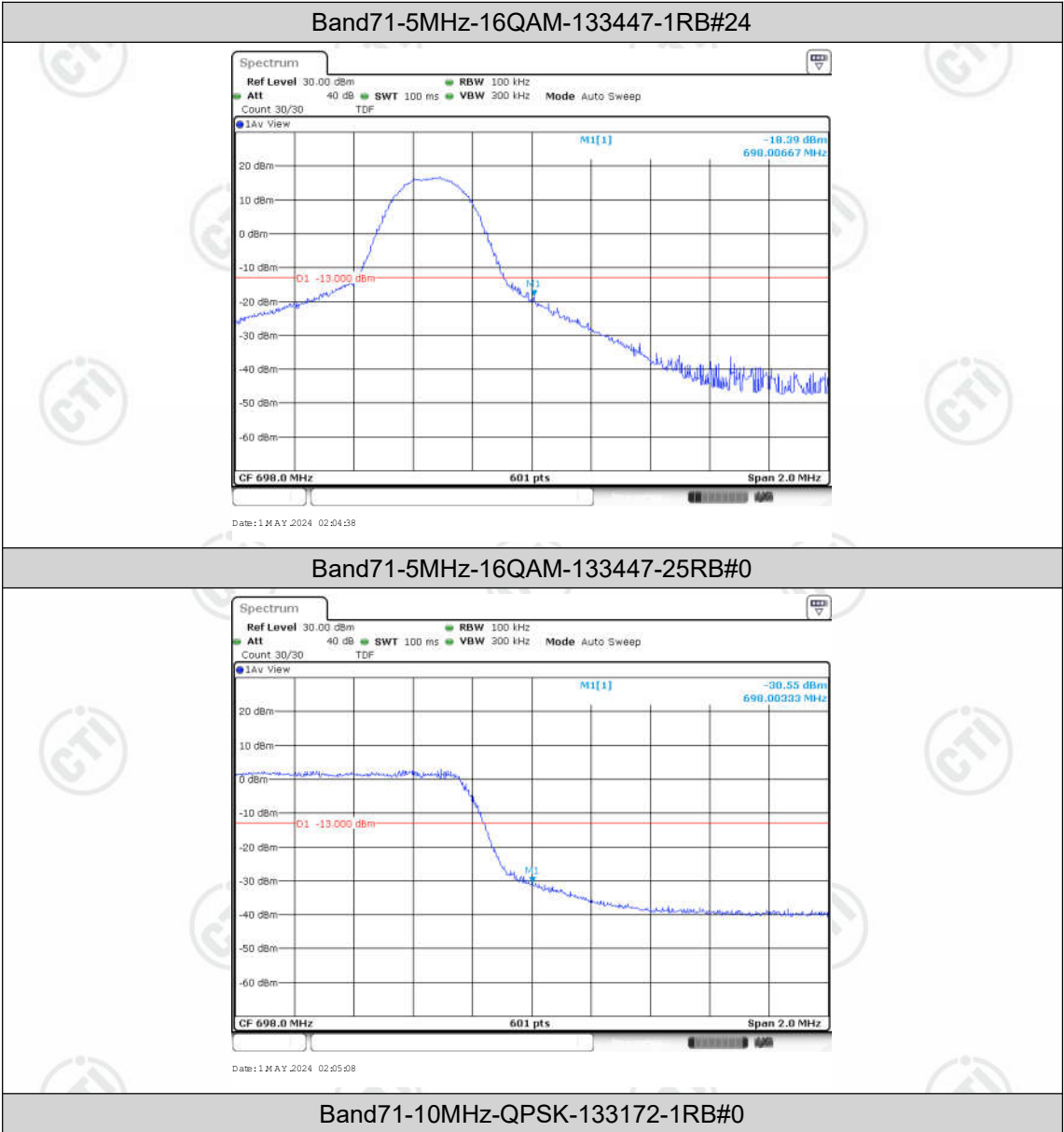
Test Graphs

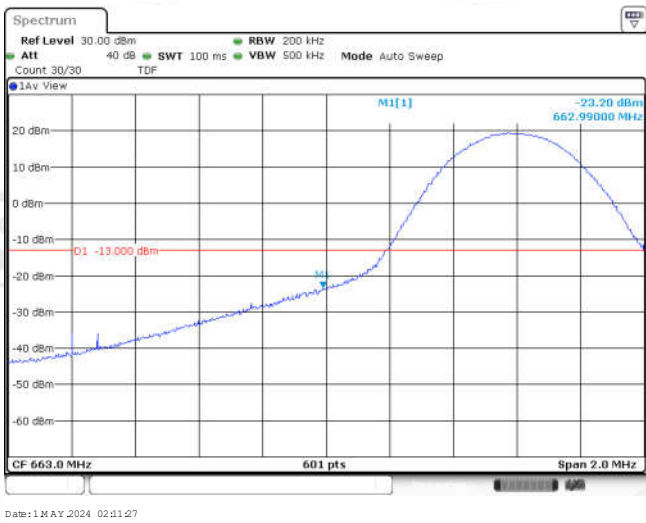




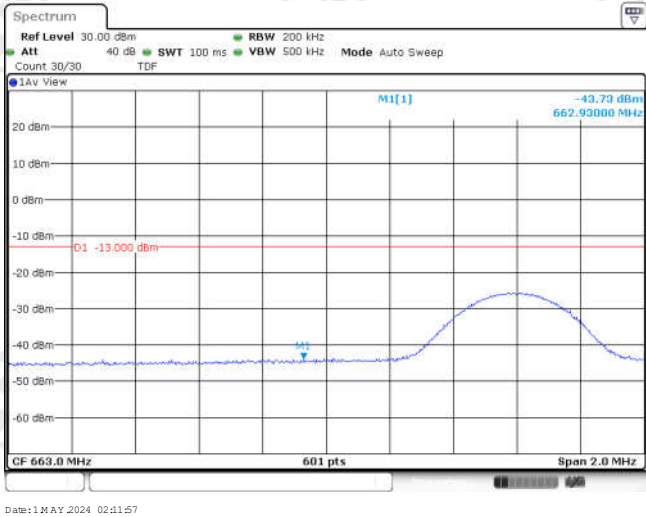




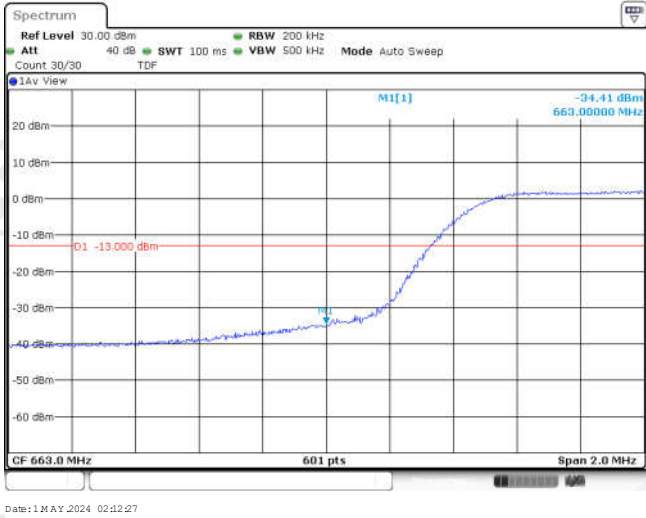


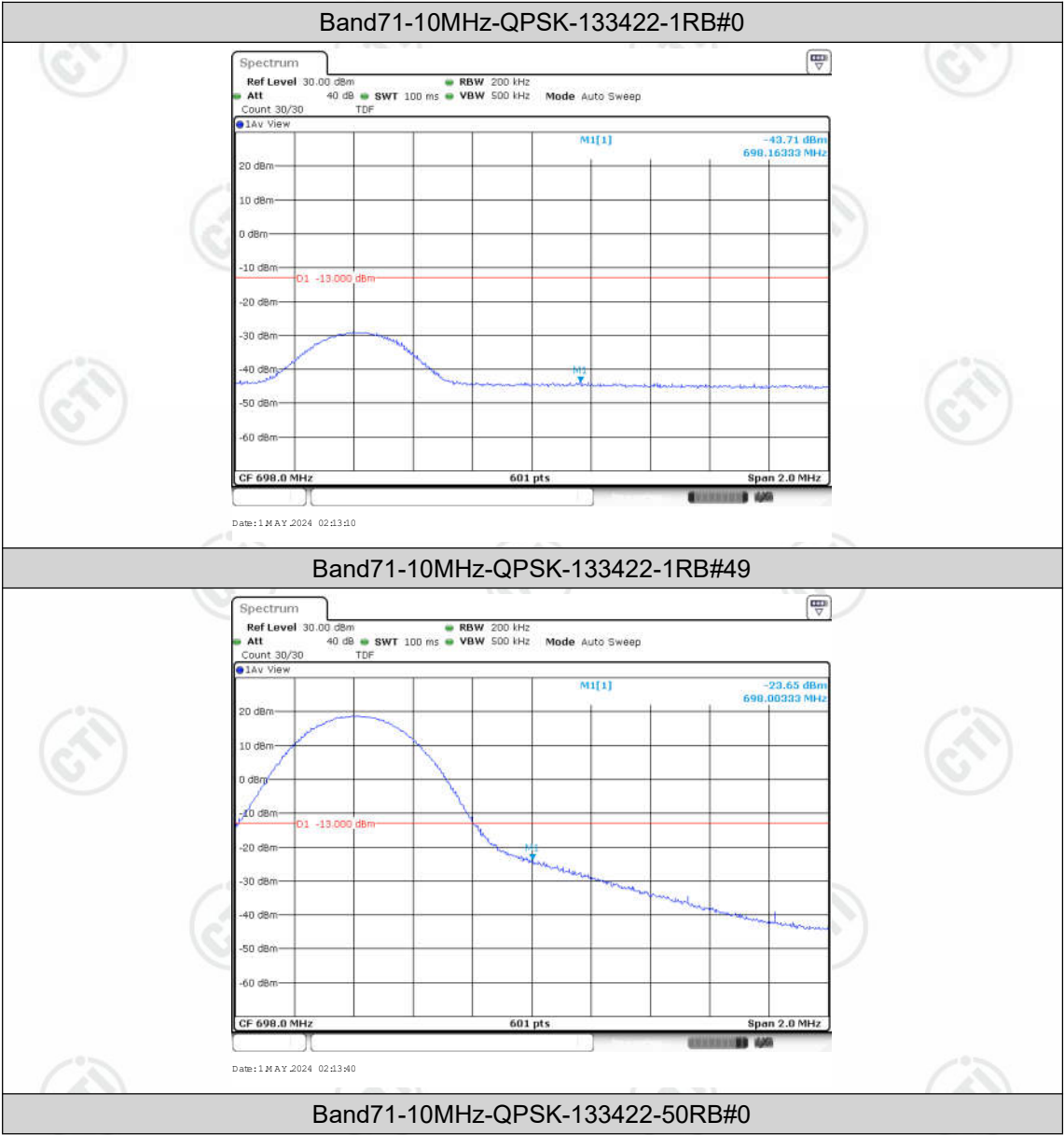


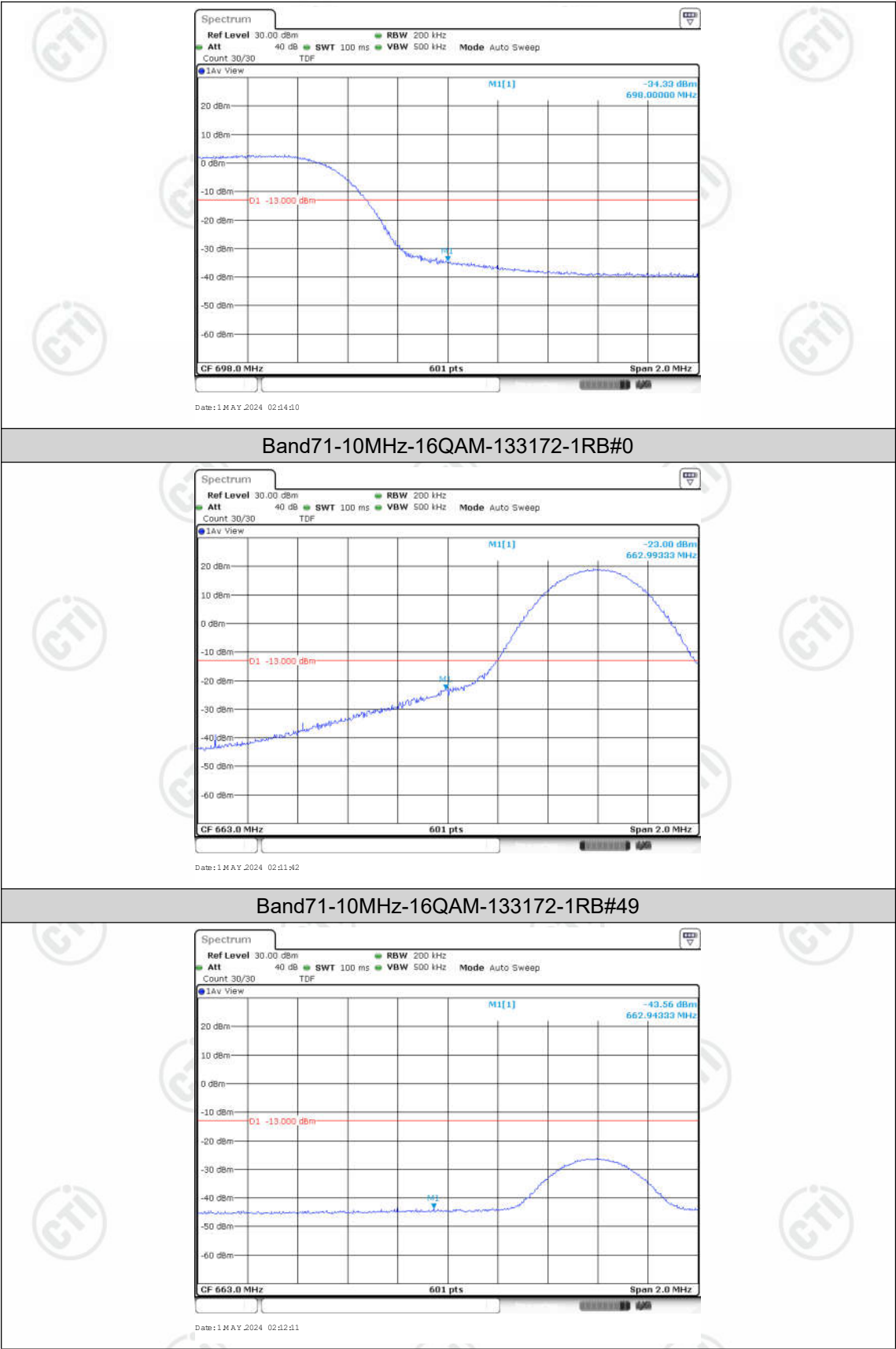
Band71-10MHz-QPSK-133172-1RB#49

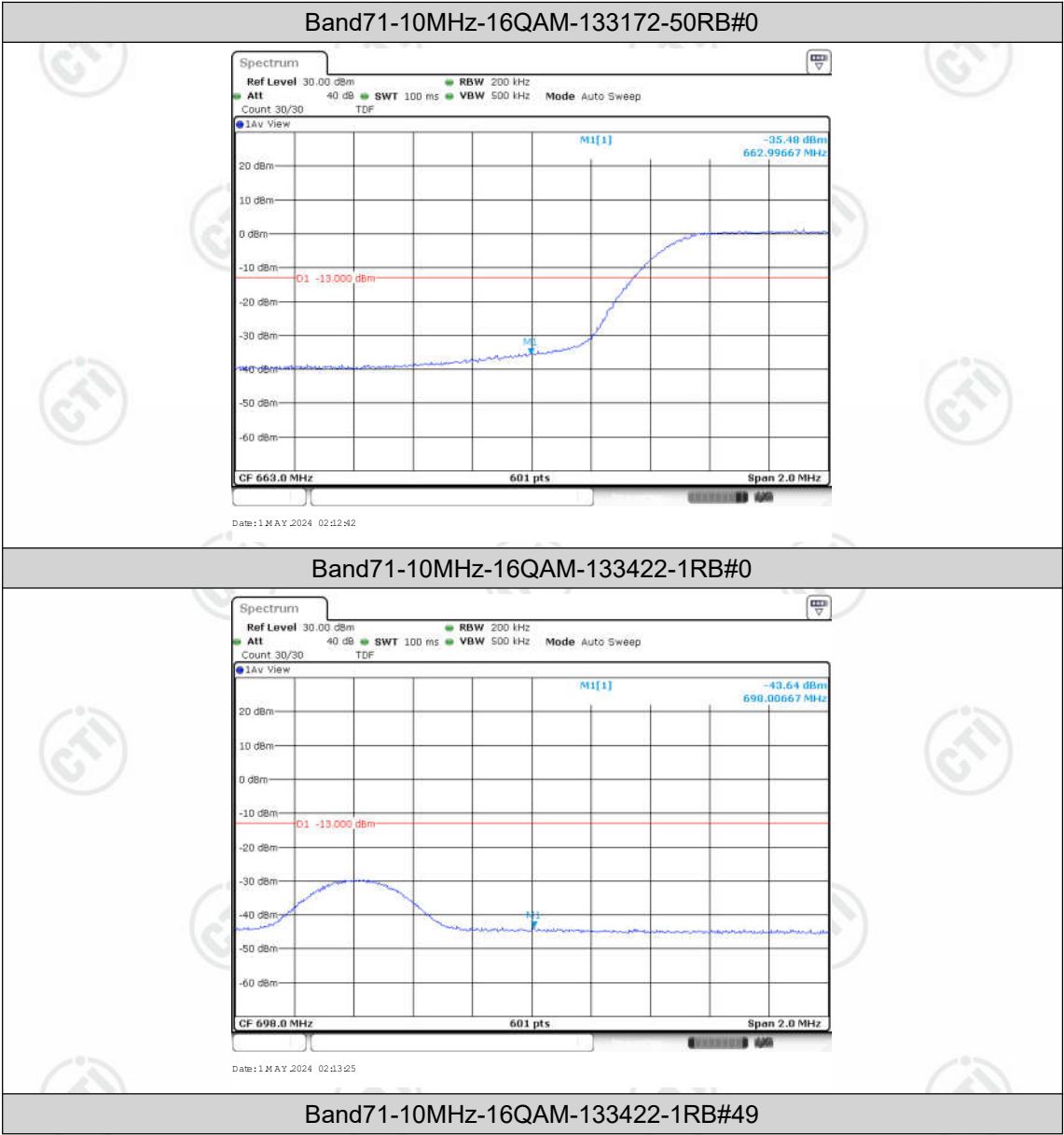


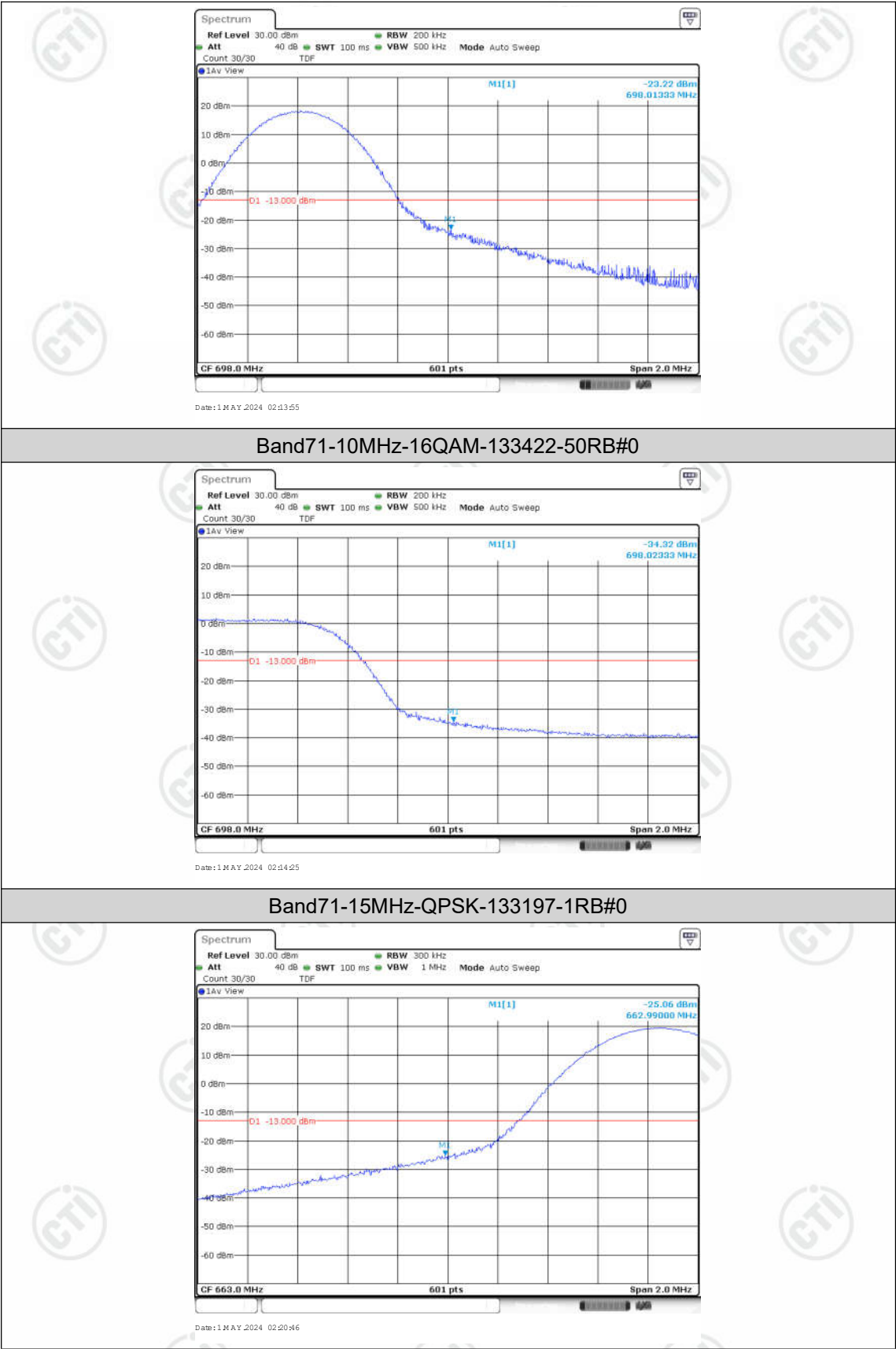
Band71-10MHz-QPSK-133172-50RB#0

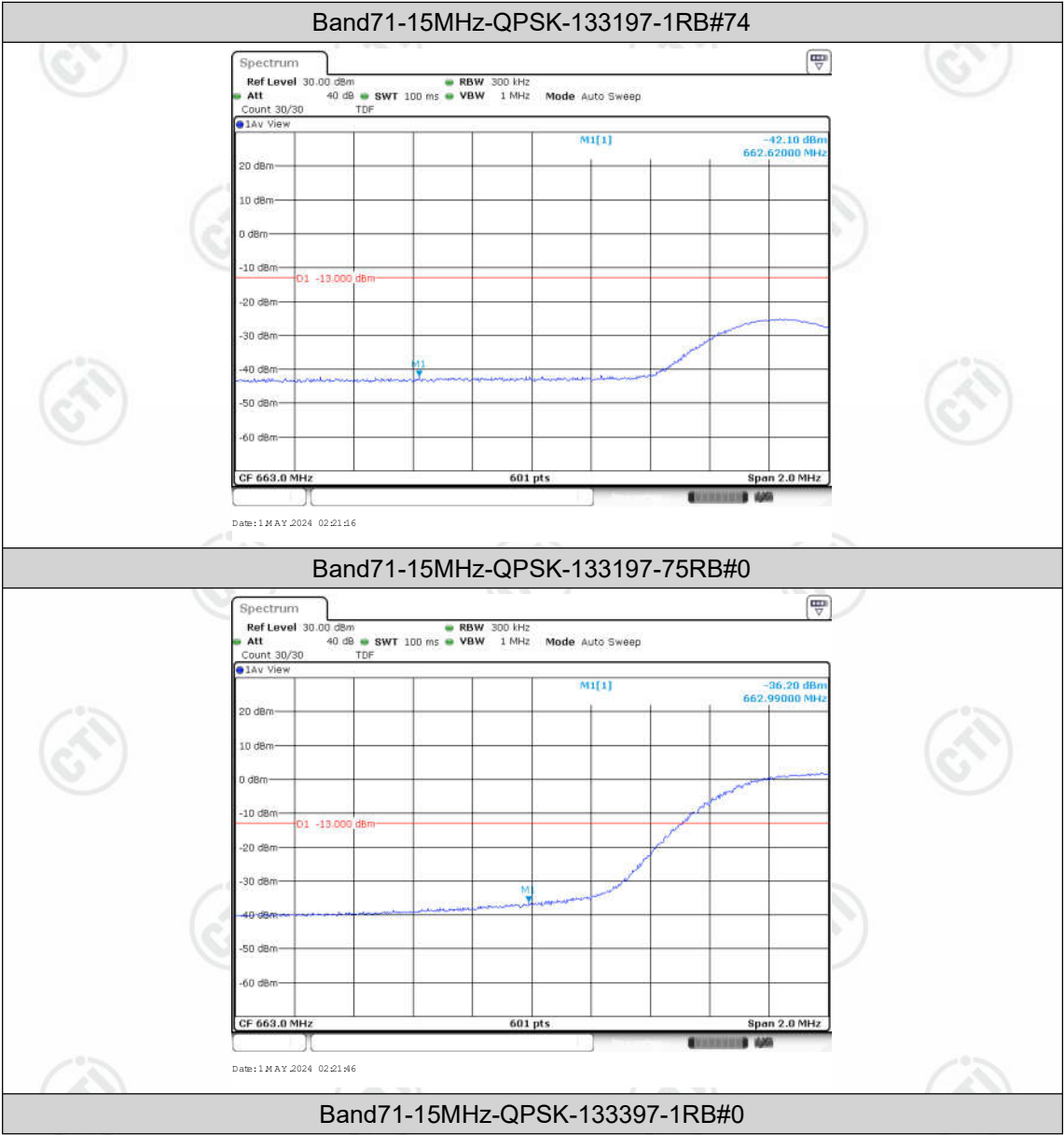


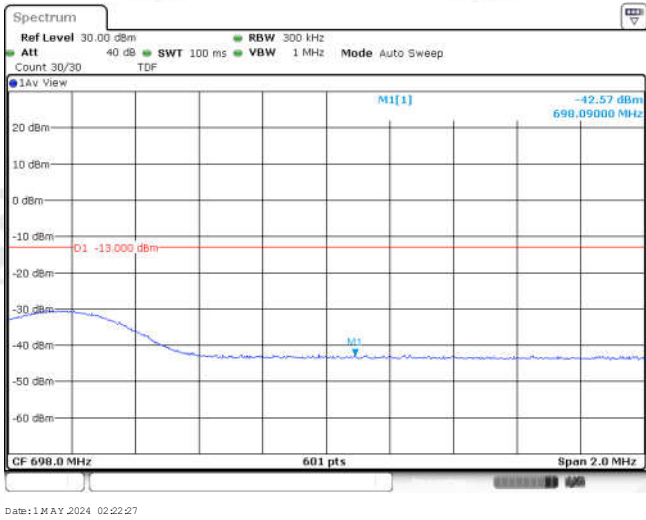




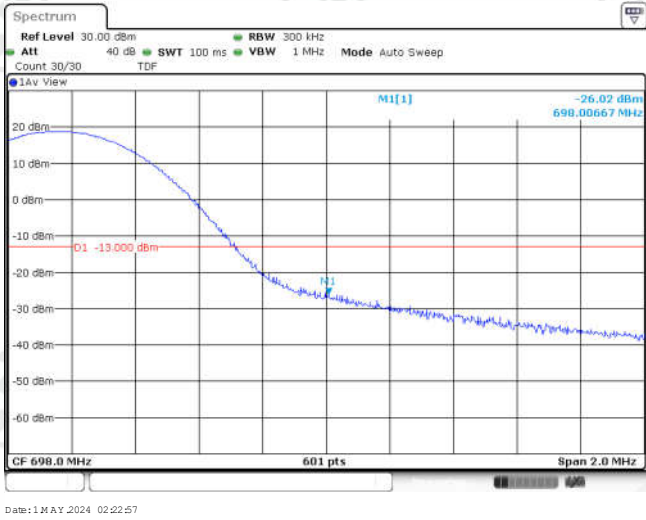




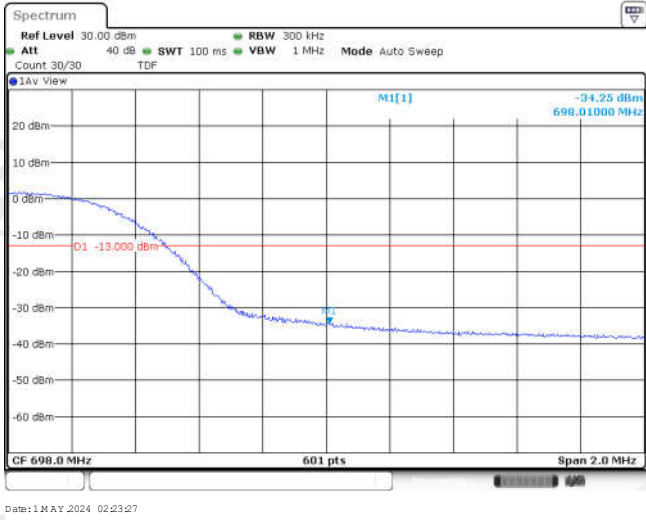


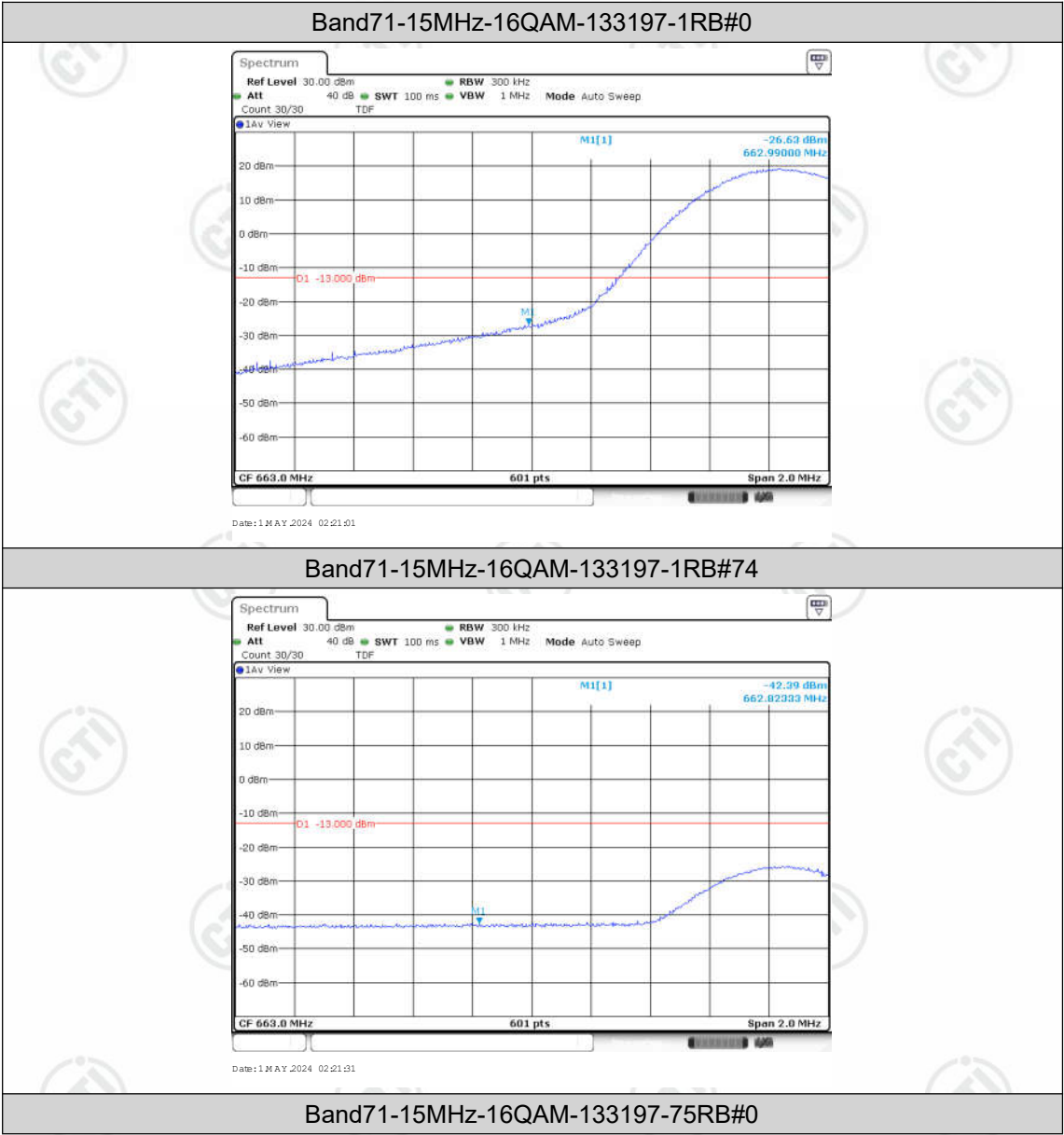


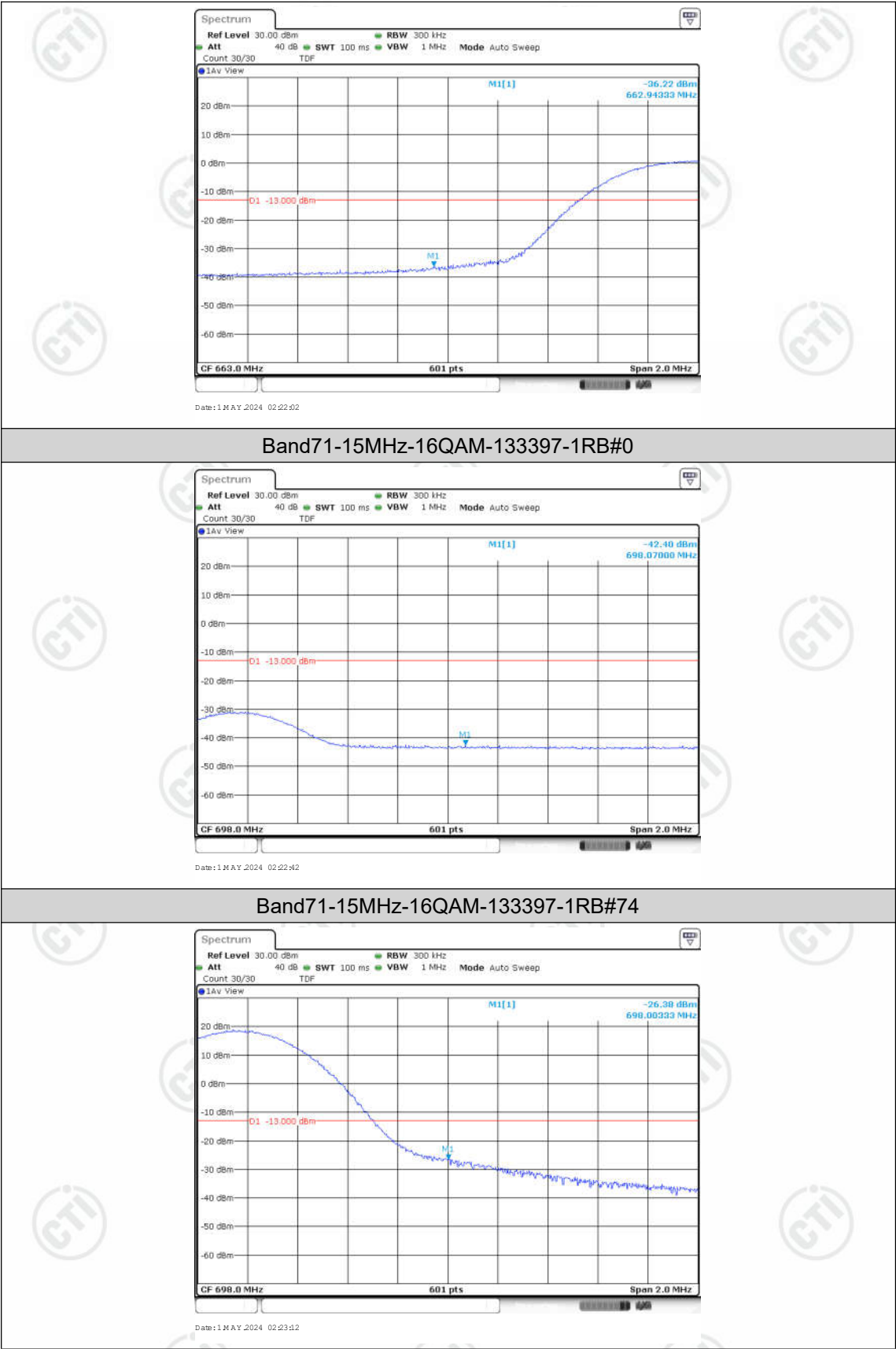
Band71-15MHz-QPSK-133397-1RB#74

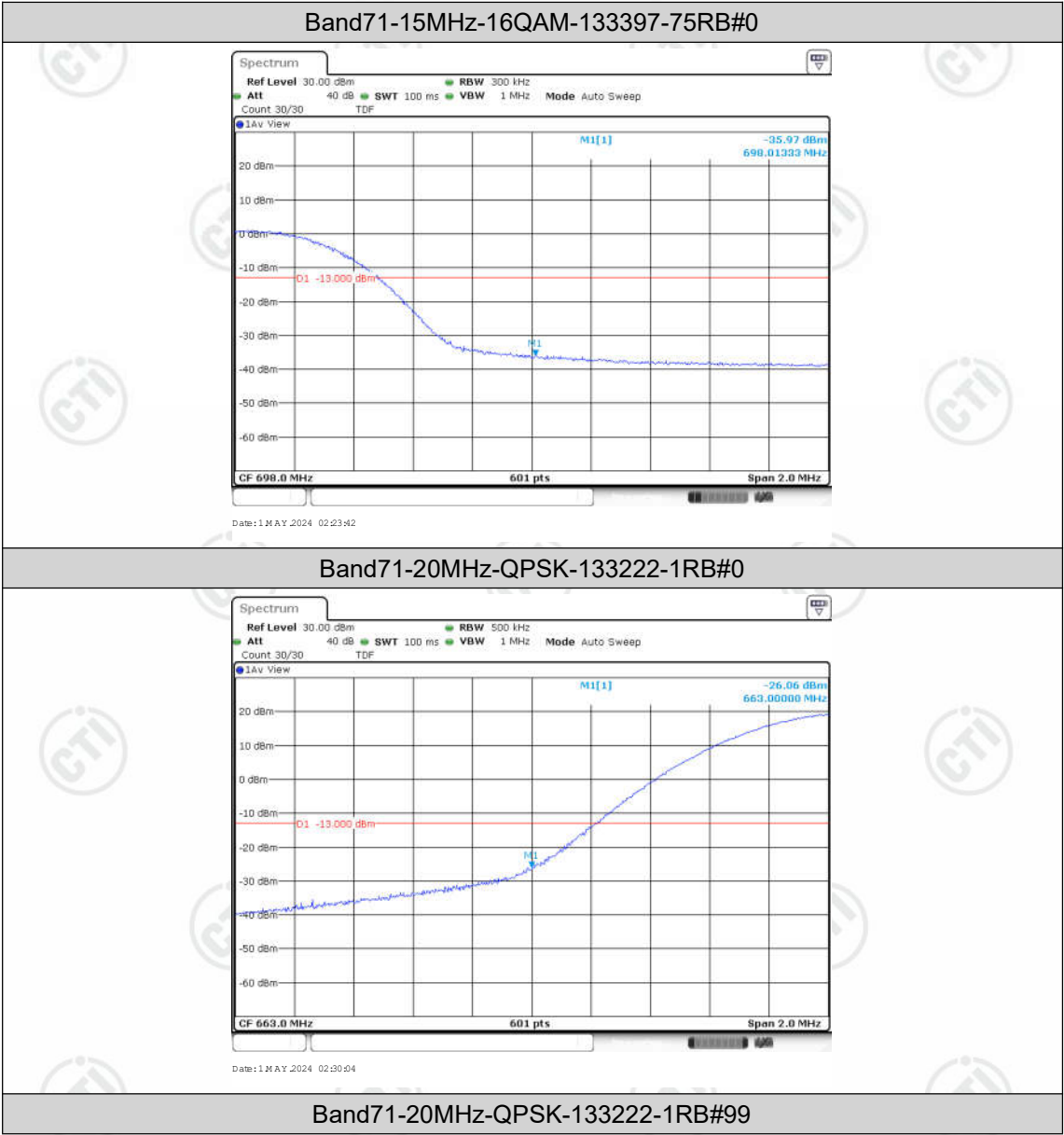


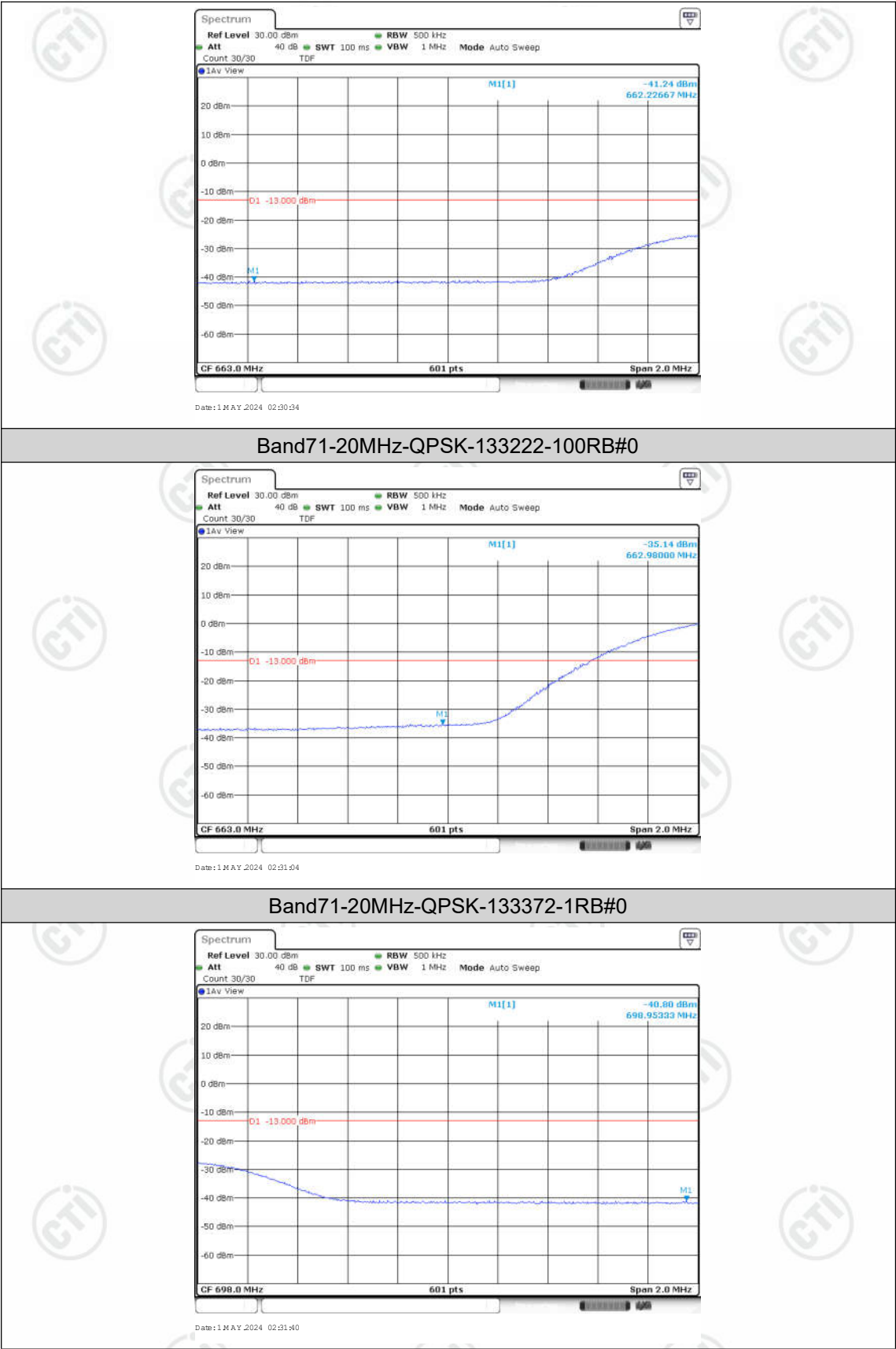
Band71-15MHz-QPSK-133397-75RB#0

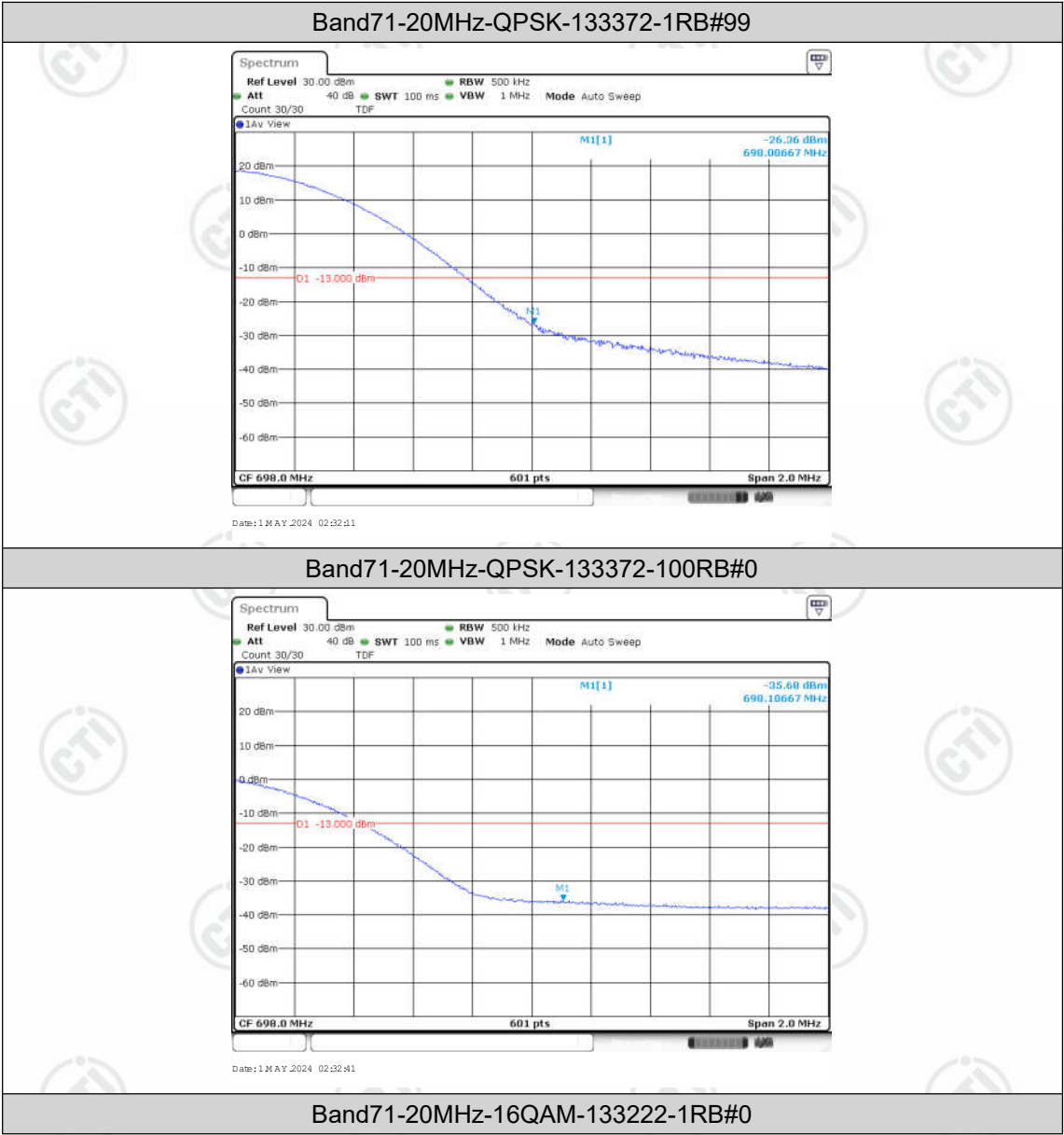


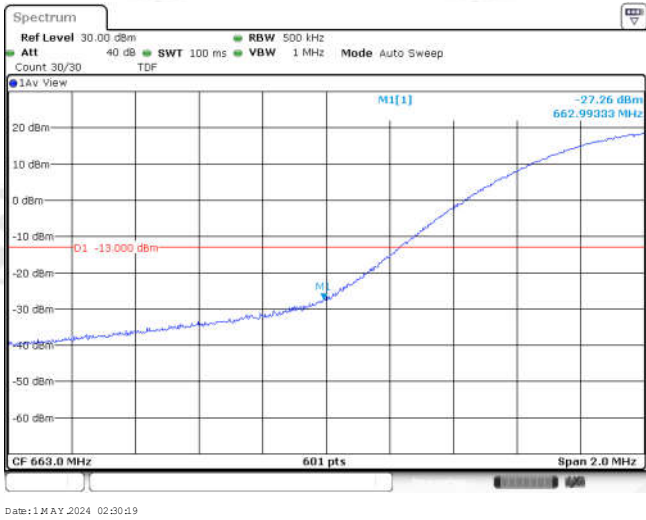




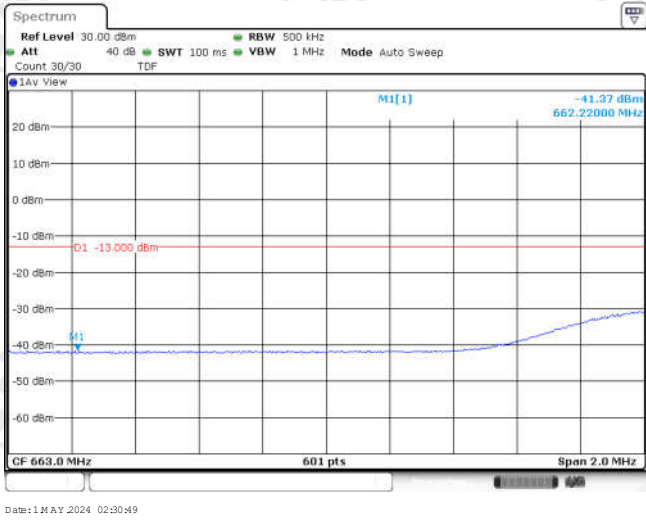




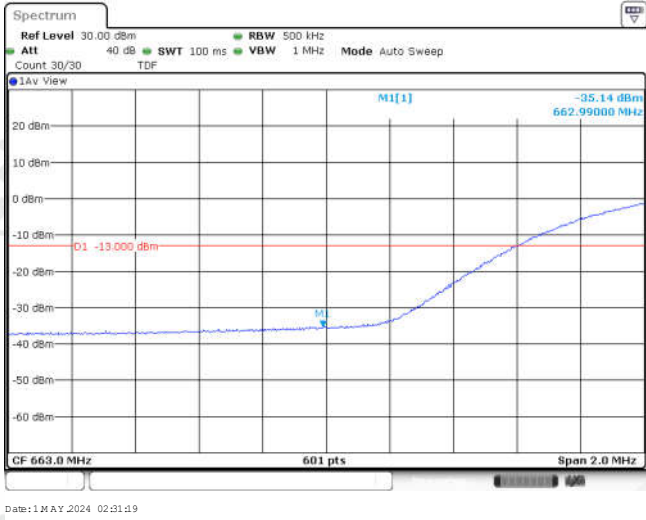


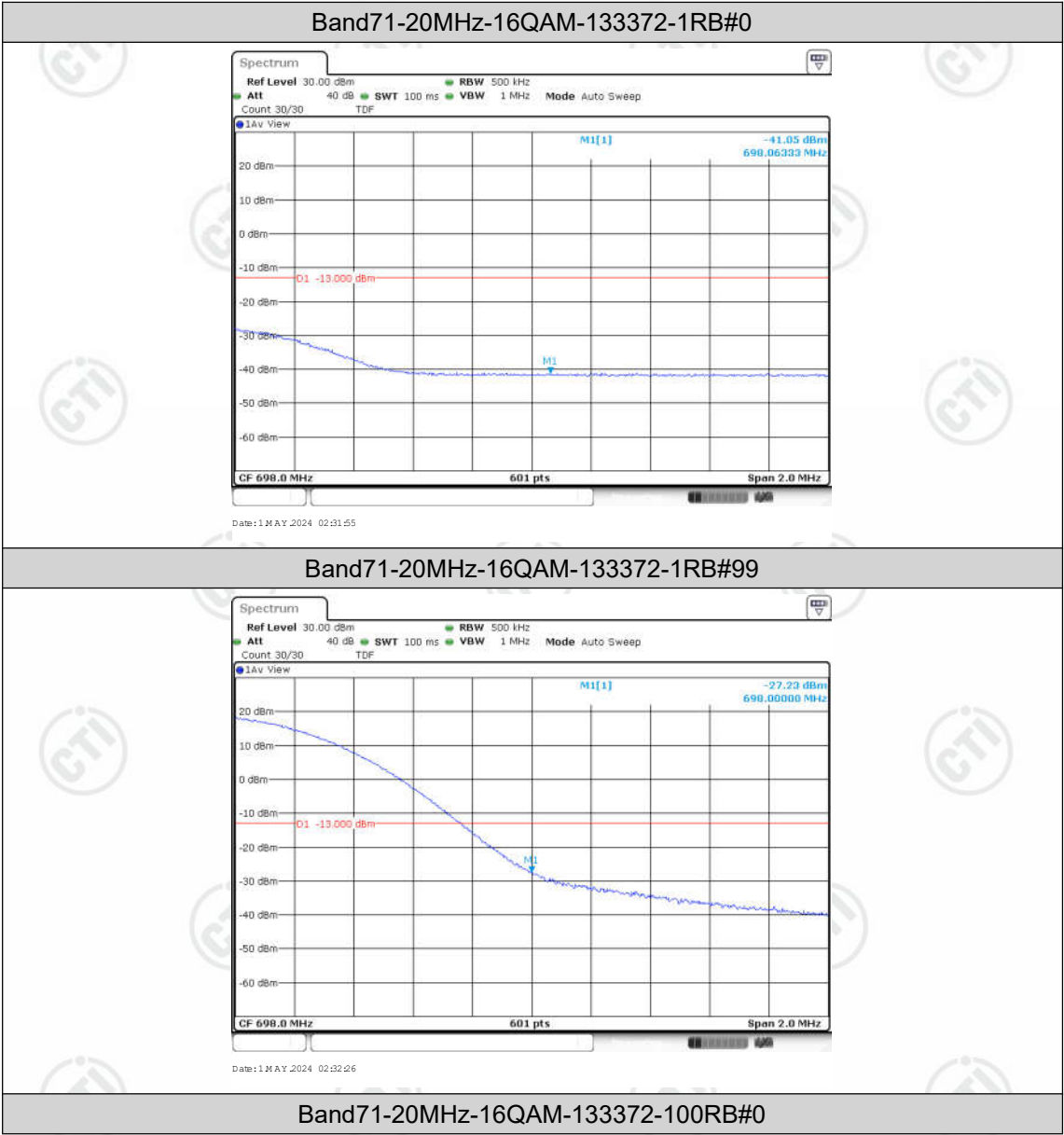


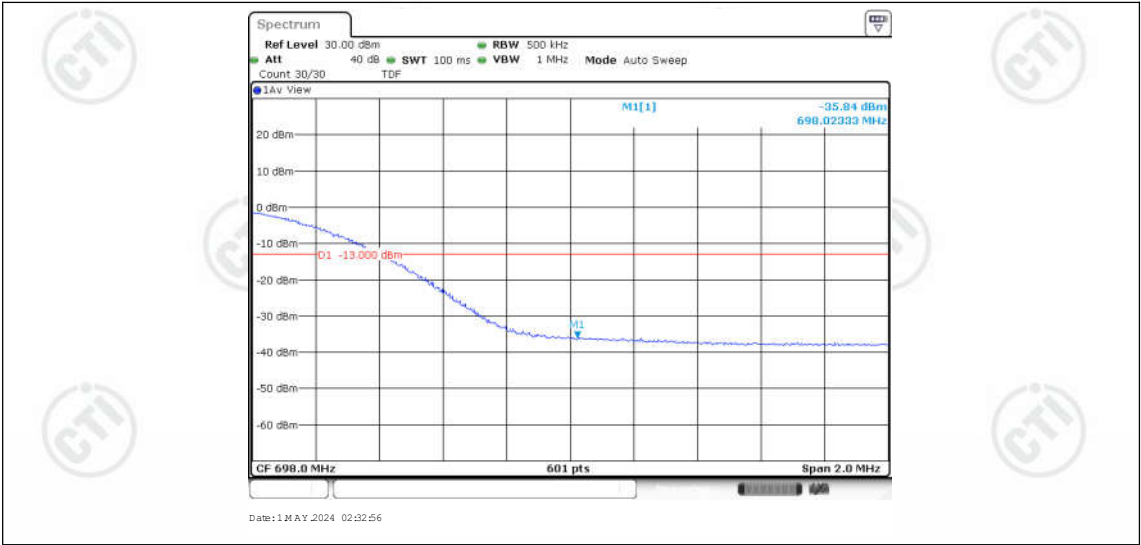
Band71-20MHz-16QAM-133222-1RB#99



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







Appendix E: Conducted Spurious Emission

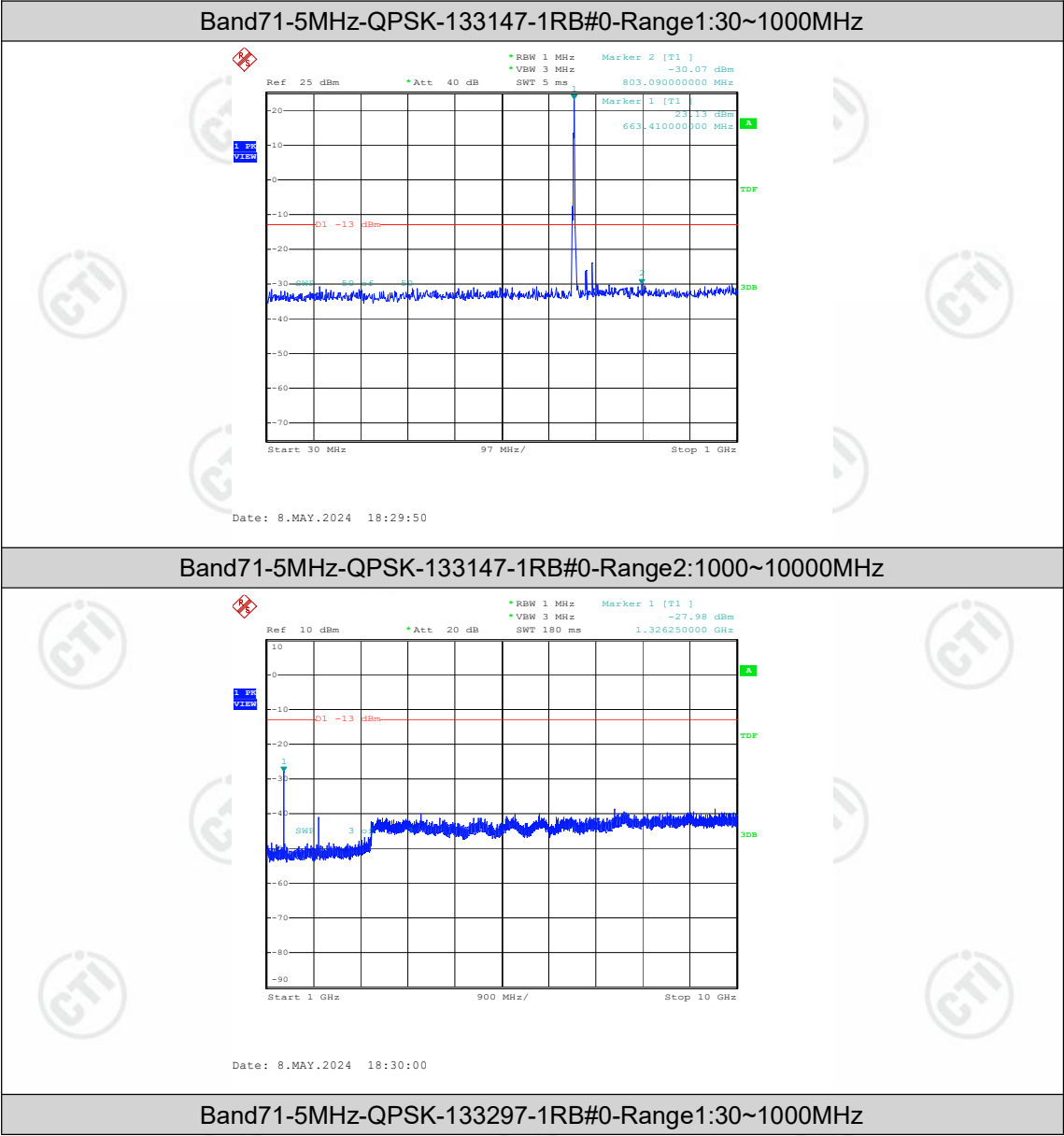
Test Result

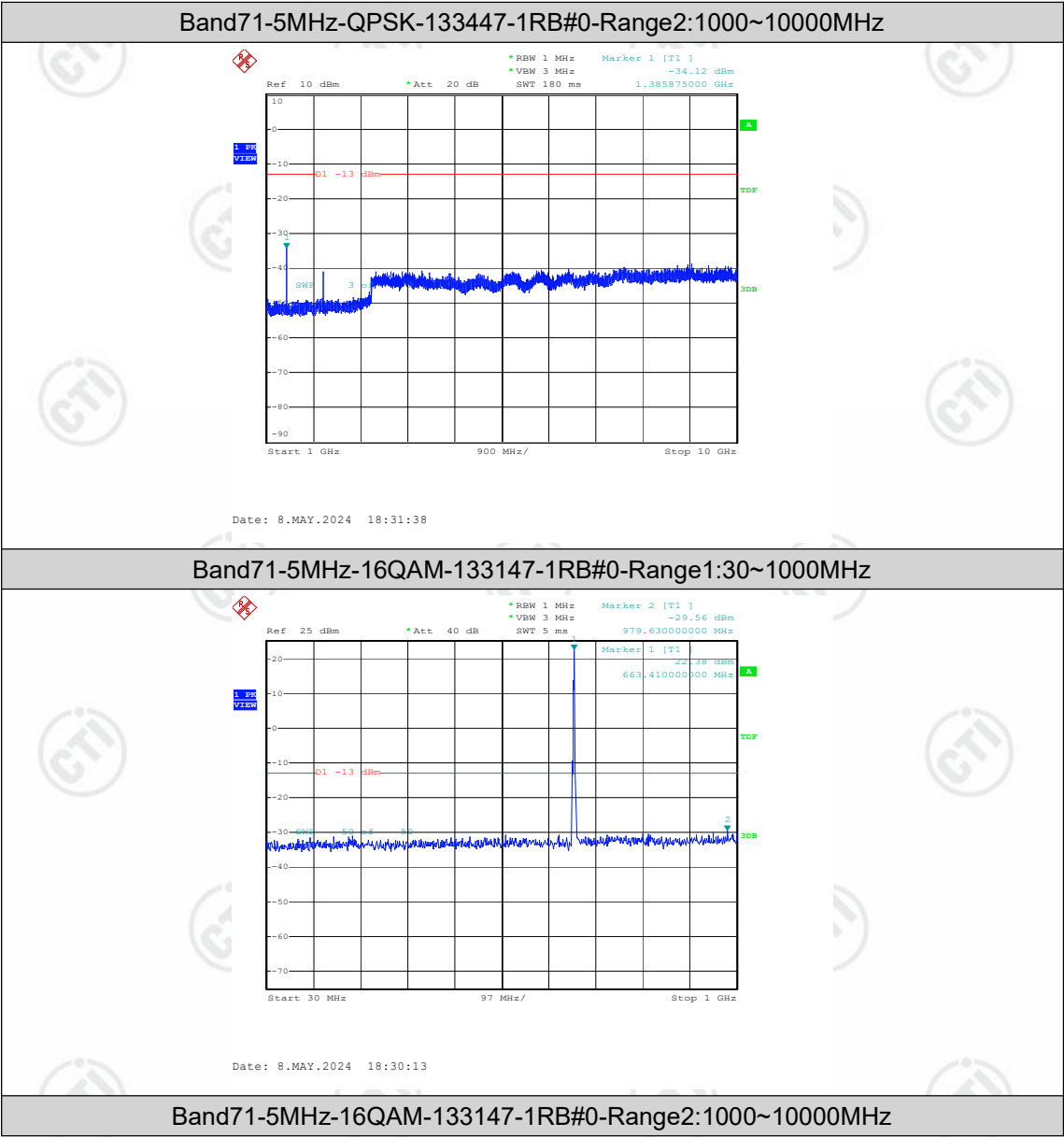
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	Range1:30~1000MHz	-30.07	PASS
Band71	5MHz	QPSK	133147	1RB#0	Range2:1000~10000MHz	-27.98	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-30.25	PASS
Band71	5MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-29.63	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range1:30~1000MHz	-29.69	PASS
Band71	5MHz	QPSK	133447	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range1:30~1000MHz	-29.56	PASS
Band71	5MHz	16QAM	133147	1RB#0	Range2:1000~10000MHz	-31.72	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-29.46	PASS
Band71	5MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-32.88	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range1:30~1000MHz	-29.39	PASS
Band71	5MHz	16QAM	133447	1RB#0	Range2:1000~10000MHz	-29.83	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range1:30~1000MHz	-30.14	PASS
Band71	10MHz	QPSK	133172	1RB#0	Range2:1000~10000MHz	-28.97	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-30.11	PASS
Band71	10MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-29.99	PASS
Band71	10MHz	QPSK	133422	1RB#0	Range1:30~1000MHz	-29.82	PASS

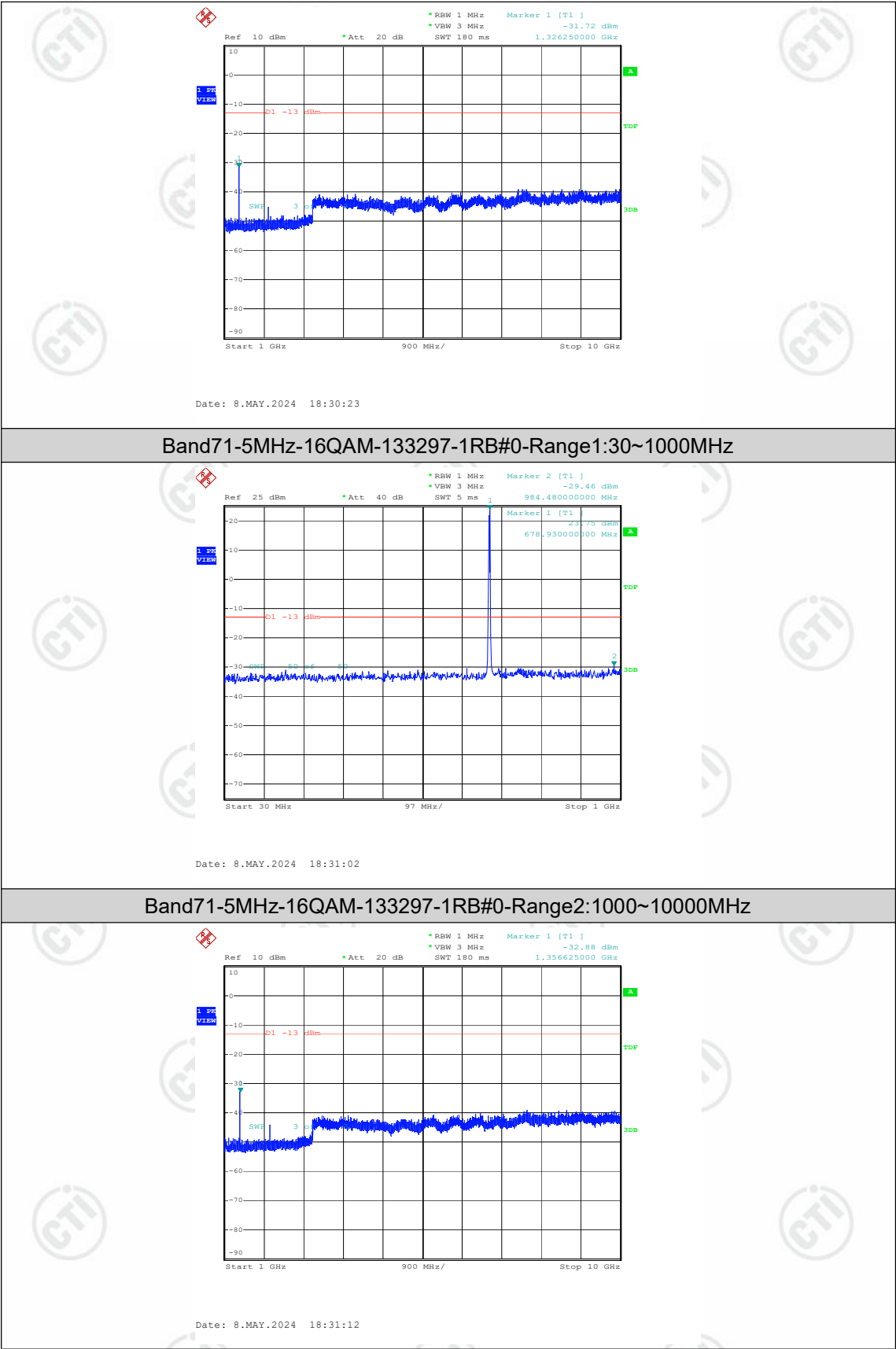
					00MHz		
Band71	10MHz	QPSK	133422	1RB#0	Range2:1000~10000MHz	-30.87	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range1:30~1000MHz	-30.27	PASS
Band71	10MHz	16QAM	133172	1RB#0	Range2:1000~10000MHz	-28.83	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-29.79	PASS
Band71	10MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-32.7	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range1:30~1000MHz	-29.39	PASS
Band71	10MHz	16QAM	133422	1RB#0	Range2:1000~10000MHz	-35.35	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range1:30~1000MHz	-29.96	PASS
Band71	15MHz	QPSK	133197	1RB#0	Range2:1000~10000MHz	-28.32	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range1:30~1000MHz	-30.27	PASS
Band71	15MHz	QPSK	133297	1RB#0	Range2:1000~10000MHz	-31.99	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range1:30~1000MHz	-30.4	PASS
Band71	15MHz	QPSK	133397	1RB#0	Range2:1000~10000MHz	-29.29	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range1:30~1000MHz	-30.05	PASS
Band71	15MHz	16QAM	133197	1RB#0	Range2:1000~10000MHz	-30.93	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range1:30~1000MHz	-30.16	PASS
Band71	15MHz	16QAM	133297	1RB#0	Range2:1000~10000MHz	-30.87	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range1:30~1000MHz	-30.19	PASS
Band71	15MHz	16QAM	133397	1RB#0	Range2:1000~10000MHz	-31.52	PASS
Band71	20MHz	QPSK	133222	1RB#0	Range1:30~1000MHz	-29.54	PASS

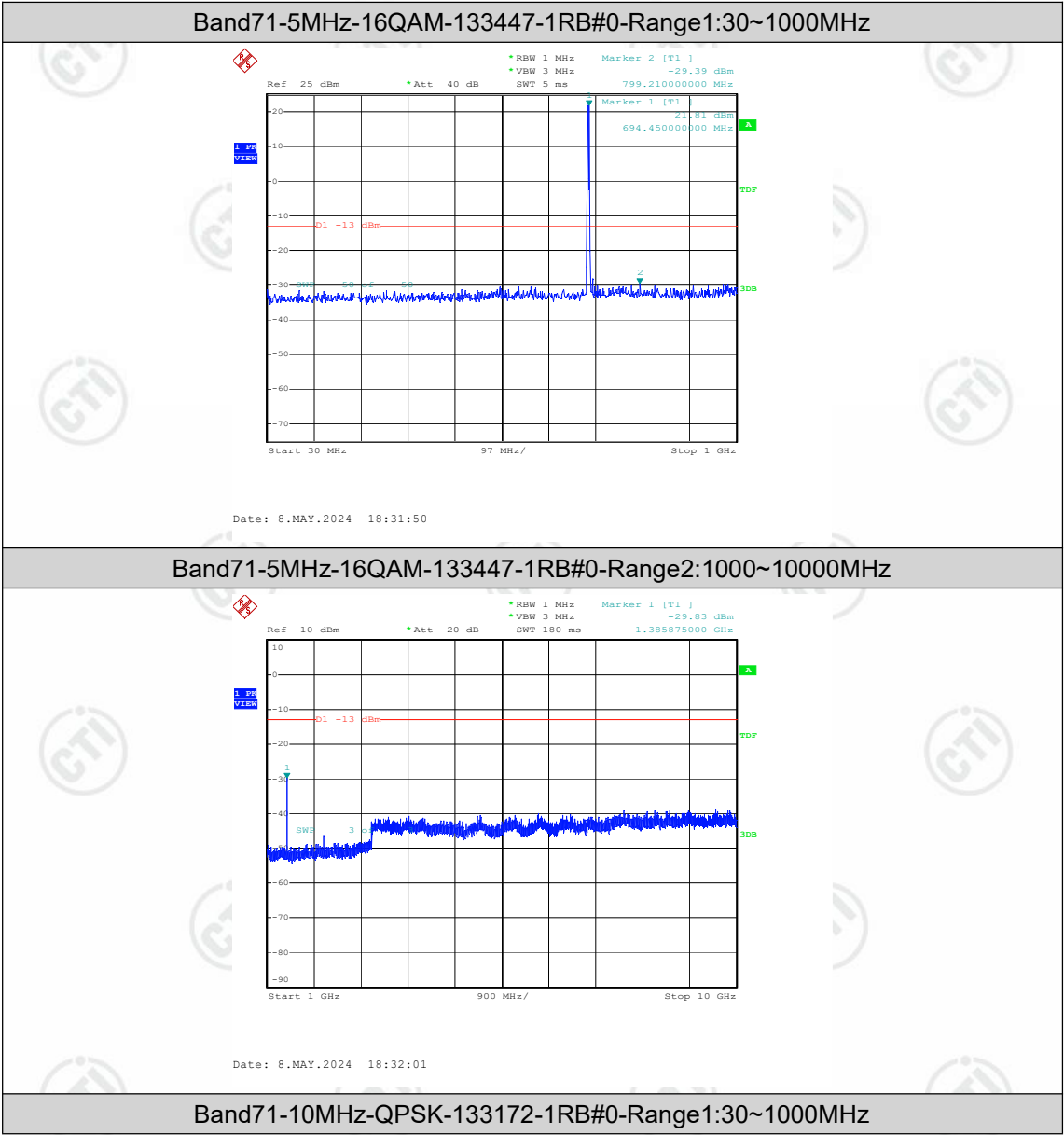
Band71	20MHz	QPSK	133222	1RB#0	Range2:1000~10000MHz	-29.98	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range1:30~1000MHz	-29.56	PASS
Band71	20MHz	QPSK	133322	1RB#0	Range2:1000~10000MHz	-29.67	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range1:30~1000MHz	-30.47	PASS
Band71	20MHz	QPSK	133372	1RB#0	Range2:1000~10000MHz	-30.04	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range1:30~1000MHz	-30.32	PASS
Band71	20MHz	16QAM	133222	1RB#0	Range2:1000~10000MHz	-27.76	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range1:30~1000MHz	-30.59	PASS
Band71	20MHz	16QAM	133322	1RB#0	Range2:1000~10000MHz	-33.54	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range1:30~1000MHz	-30.38	PASS
Band71	20MHz	16QAM	133372	1RB#0	Range2:1000~10000MHz	-30.92	PASS

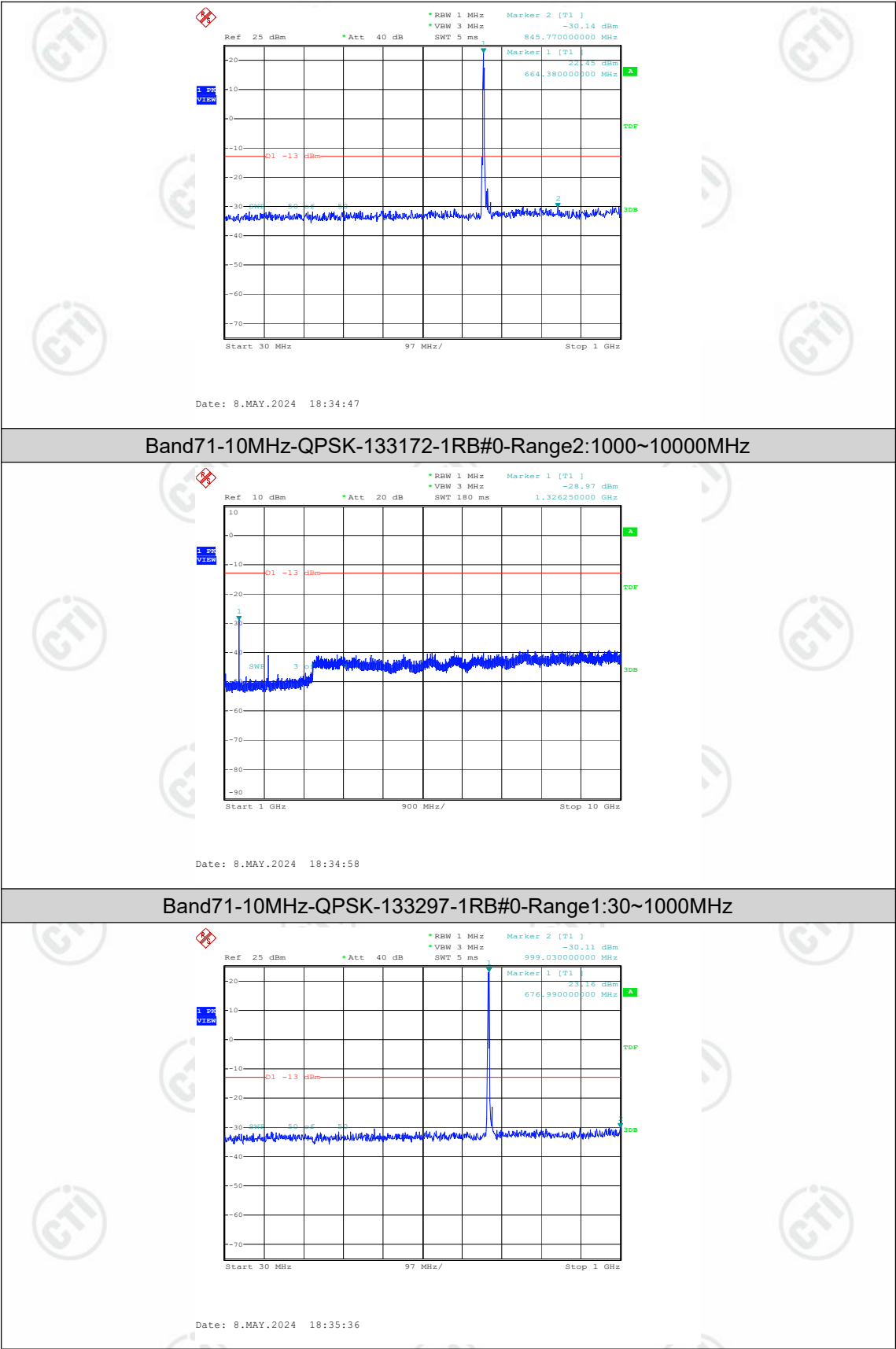
Test Graphs

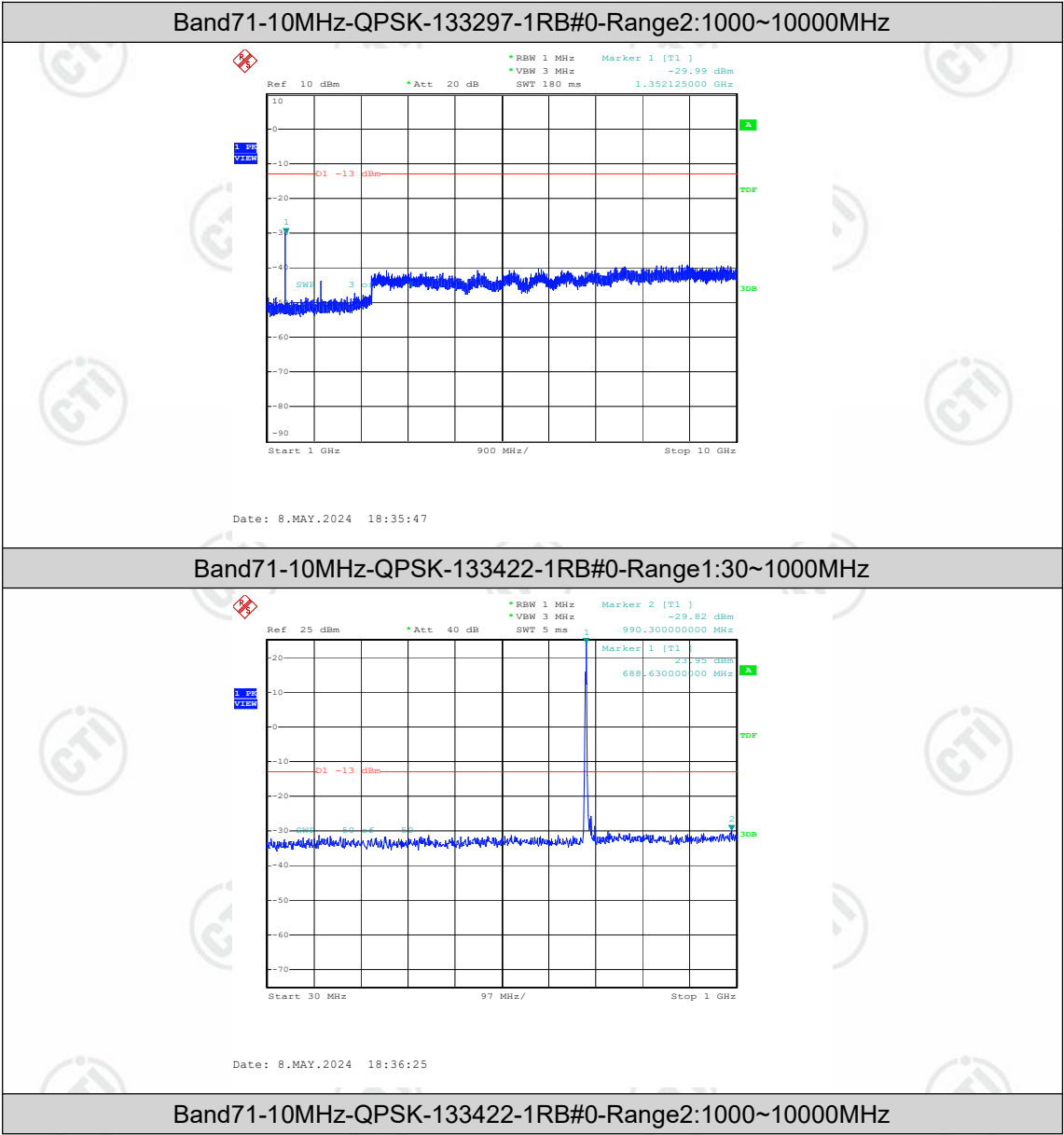


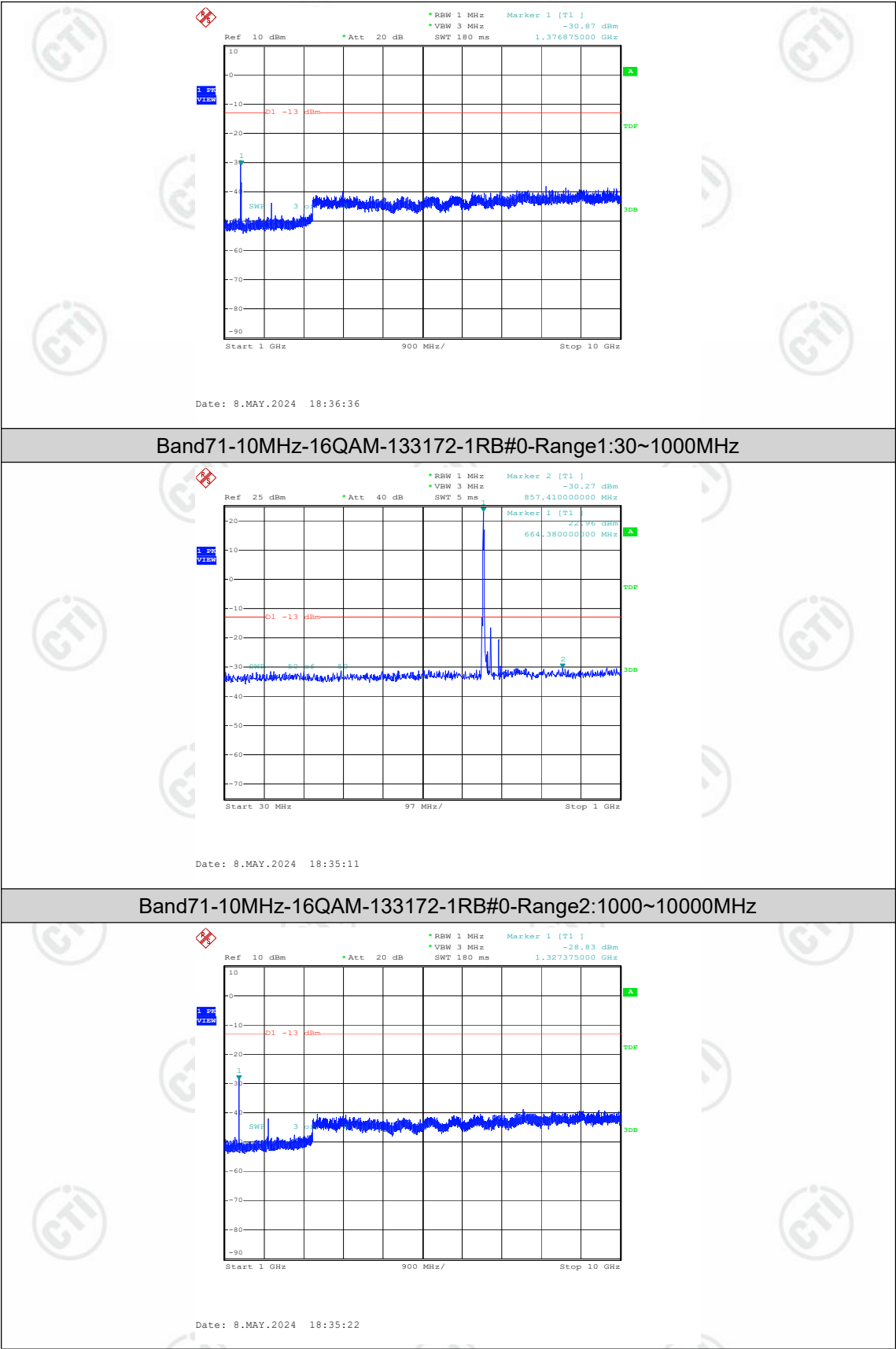


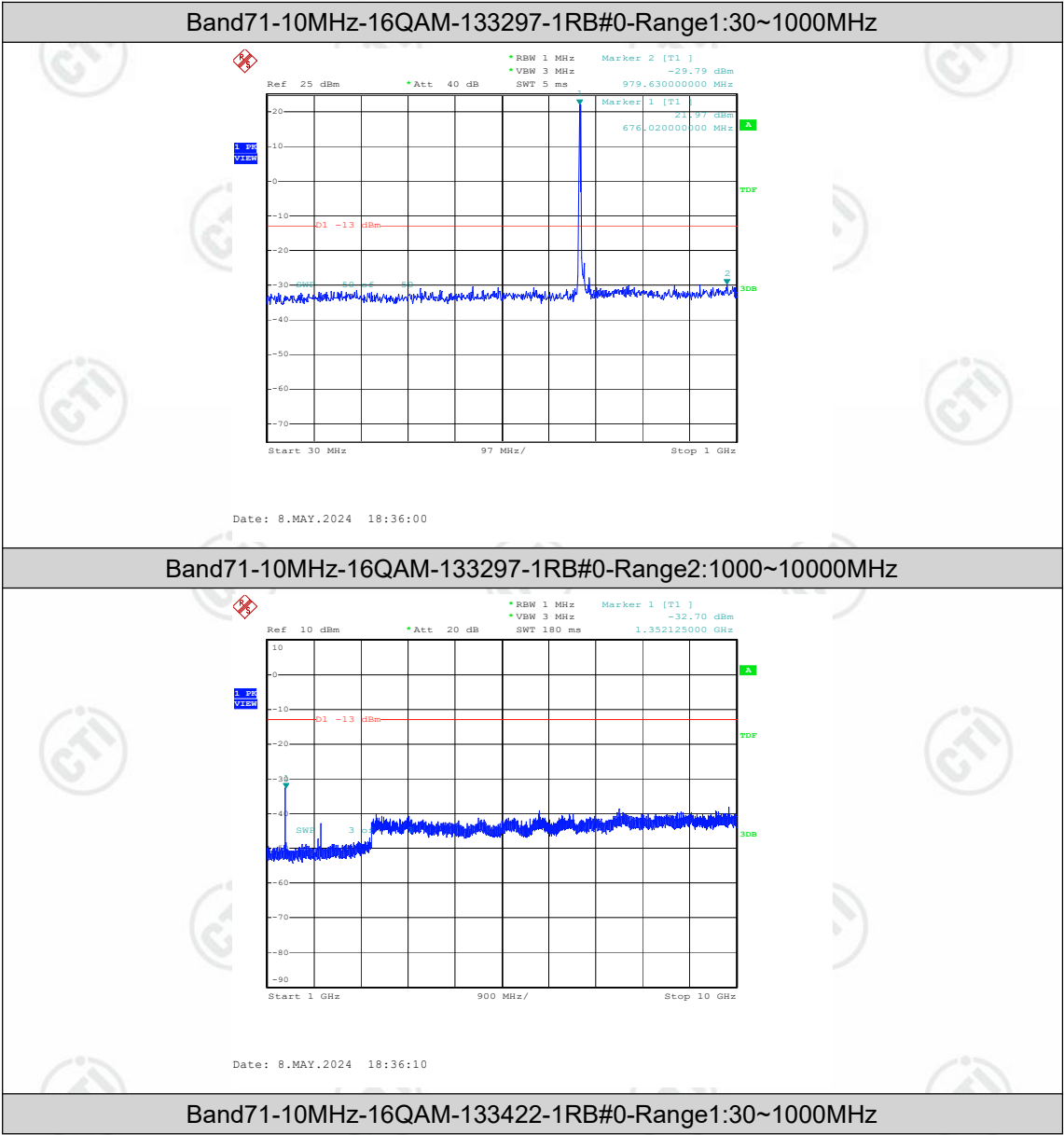


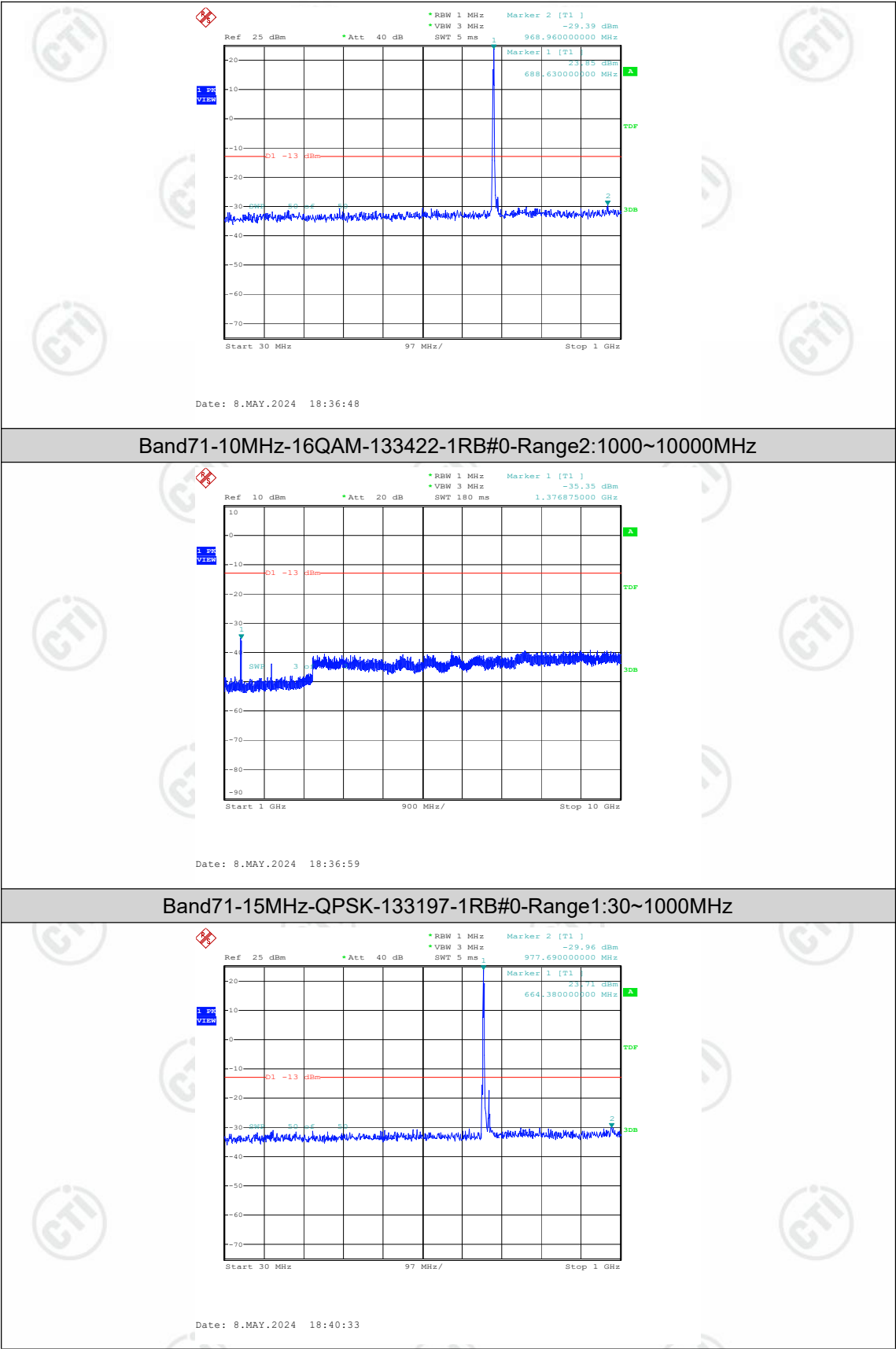


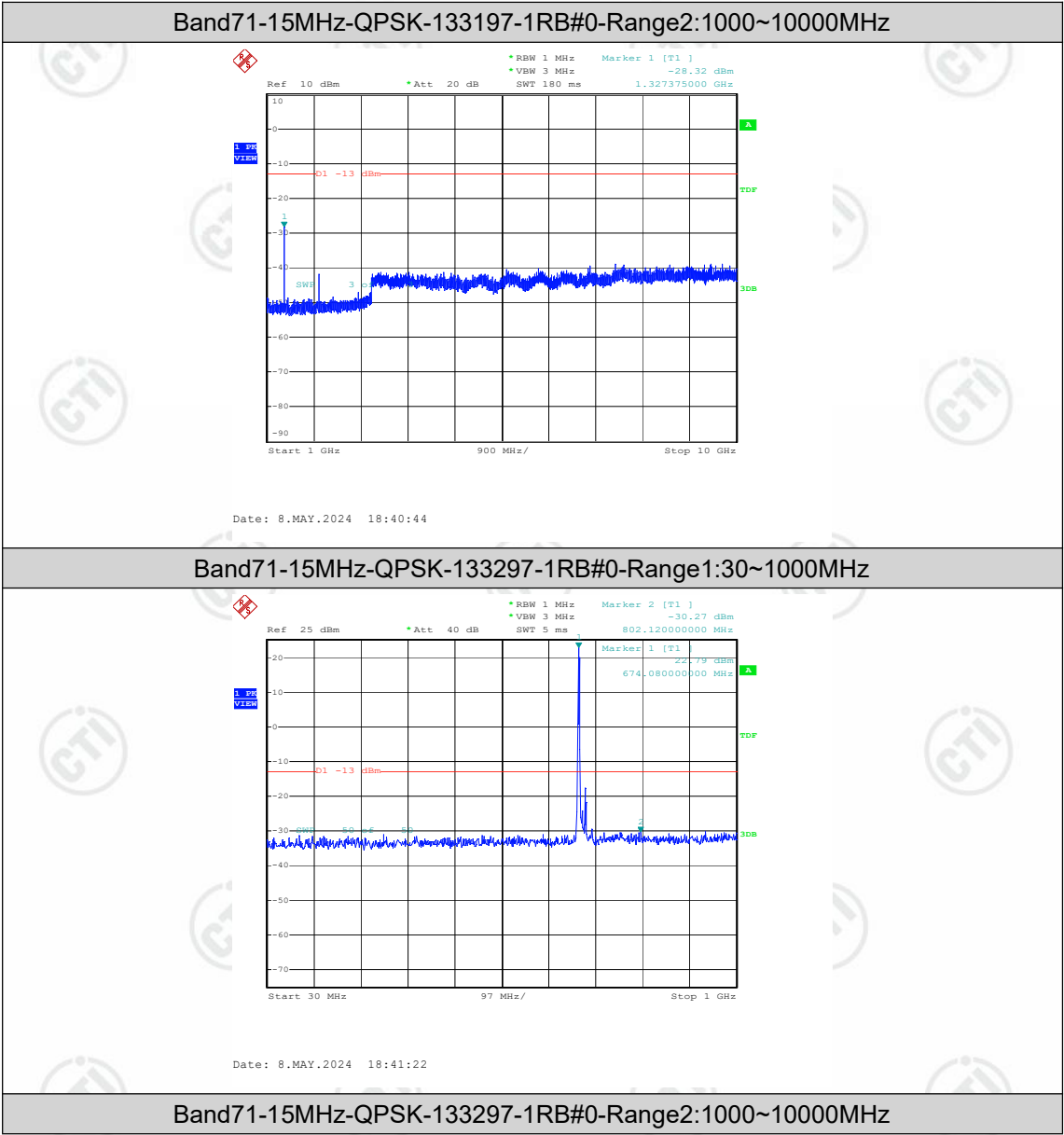


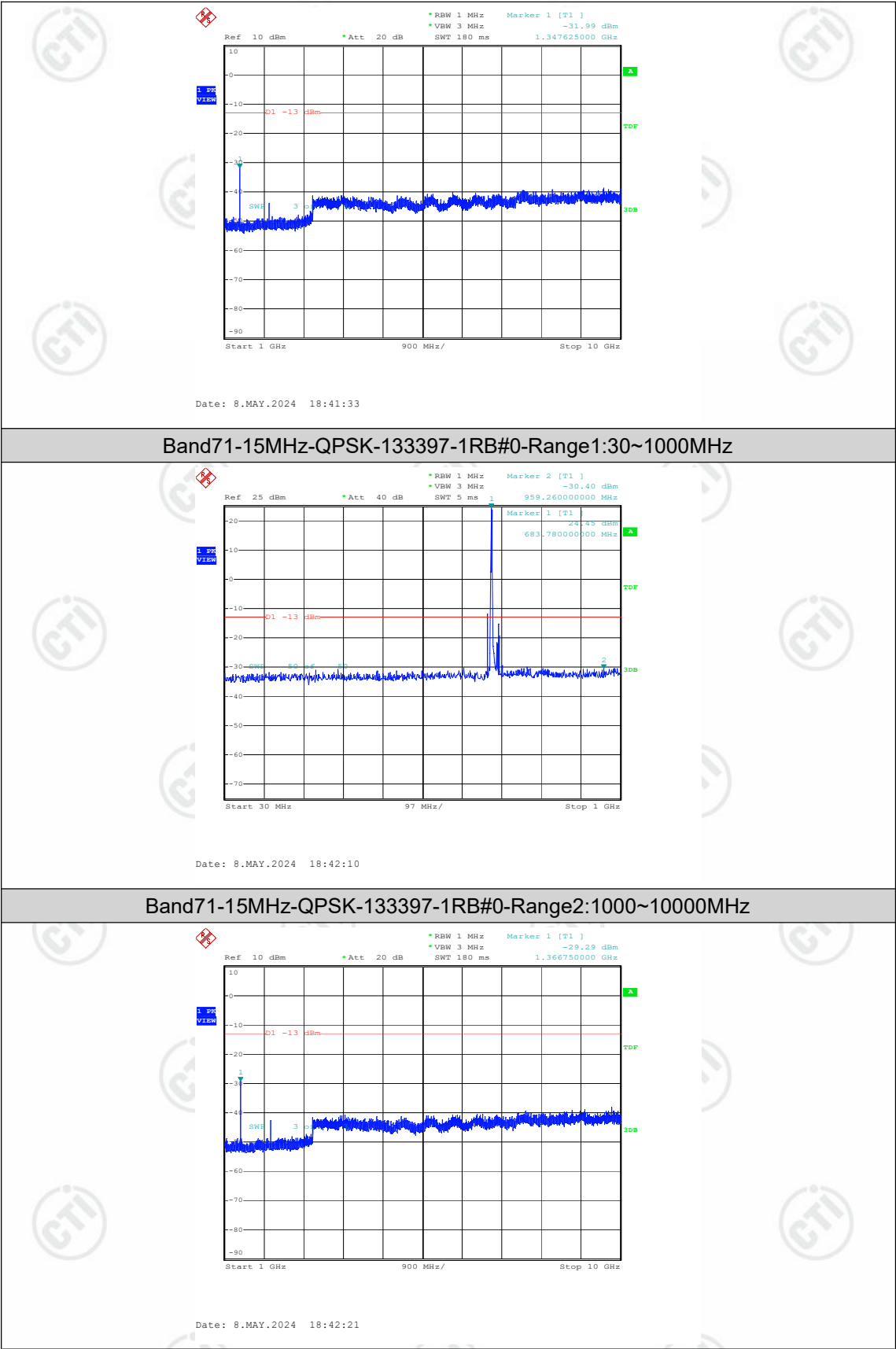


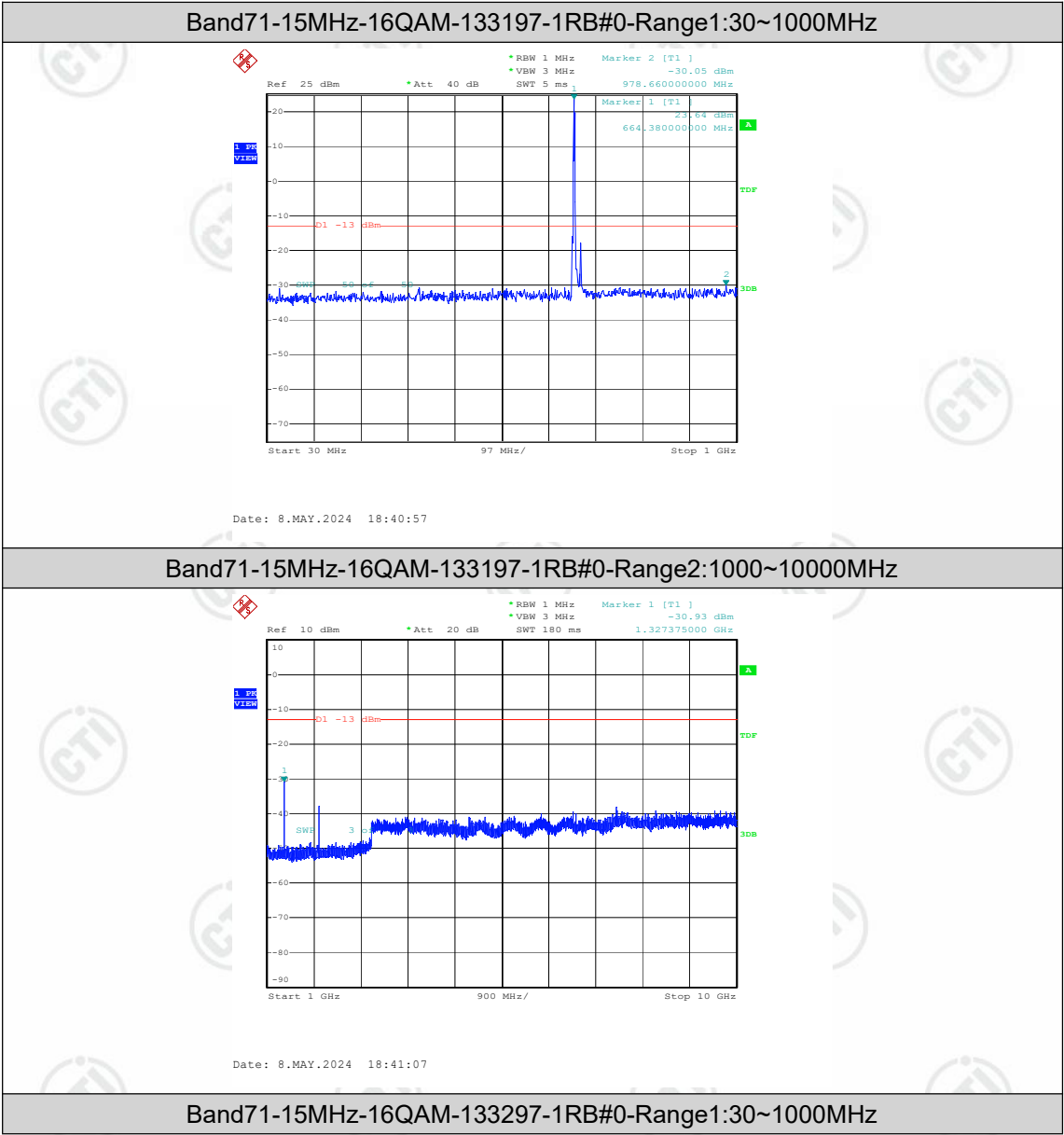


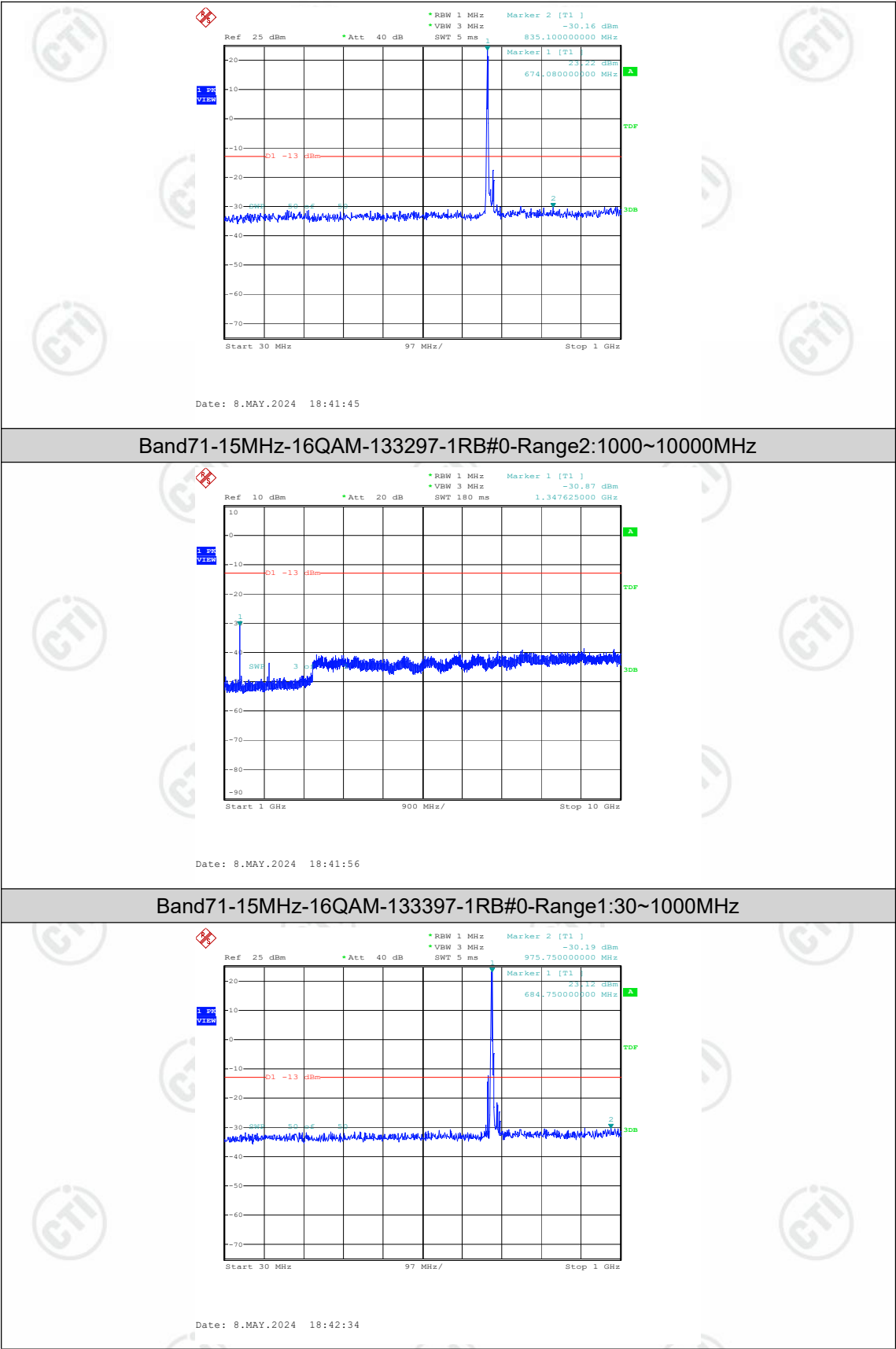


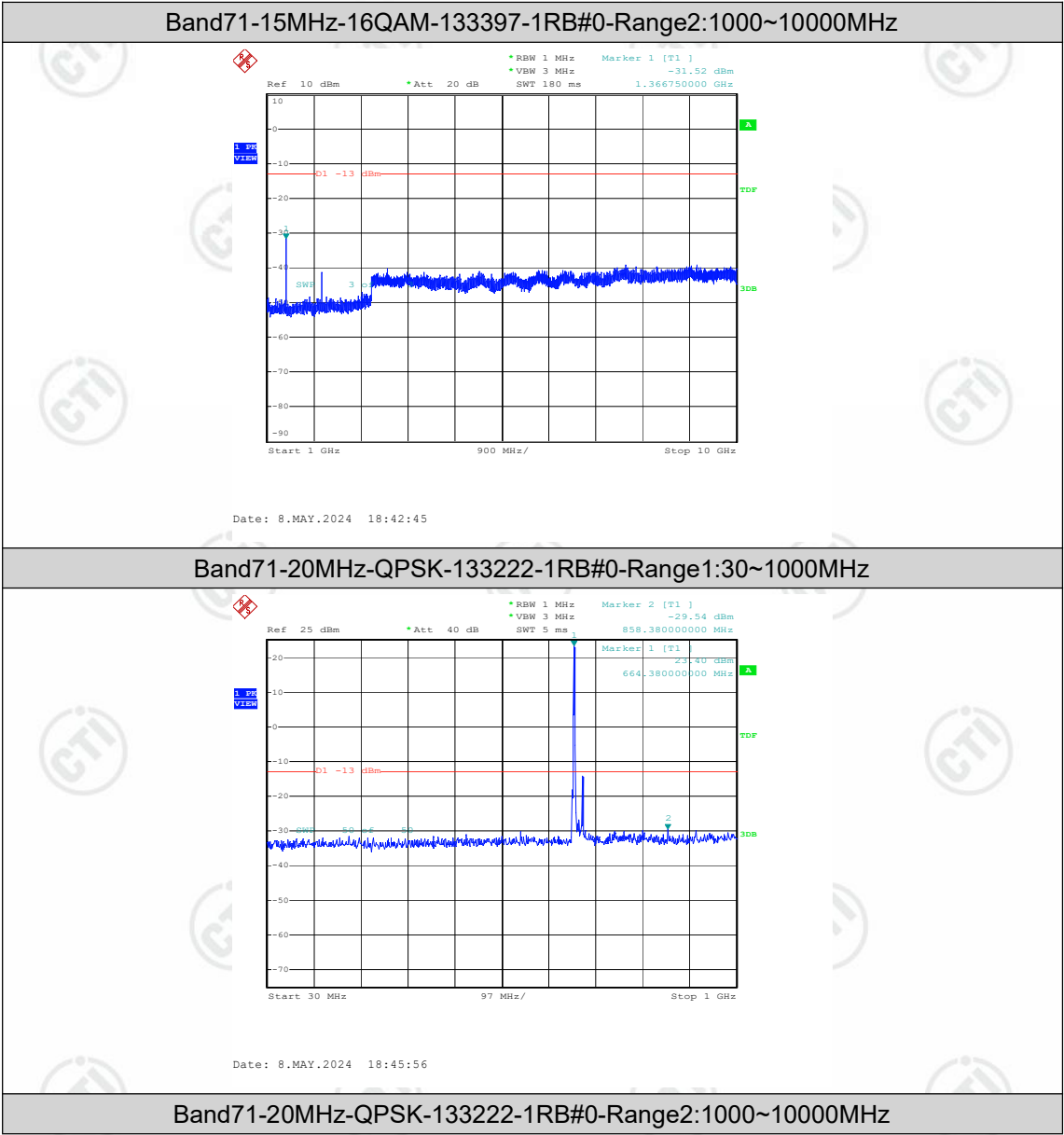


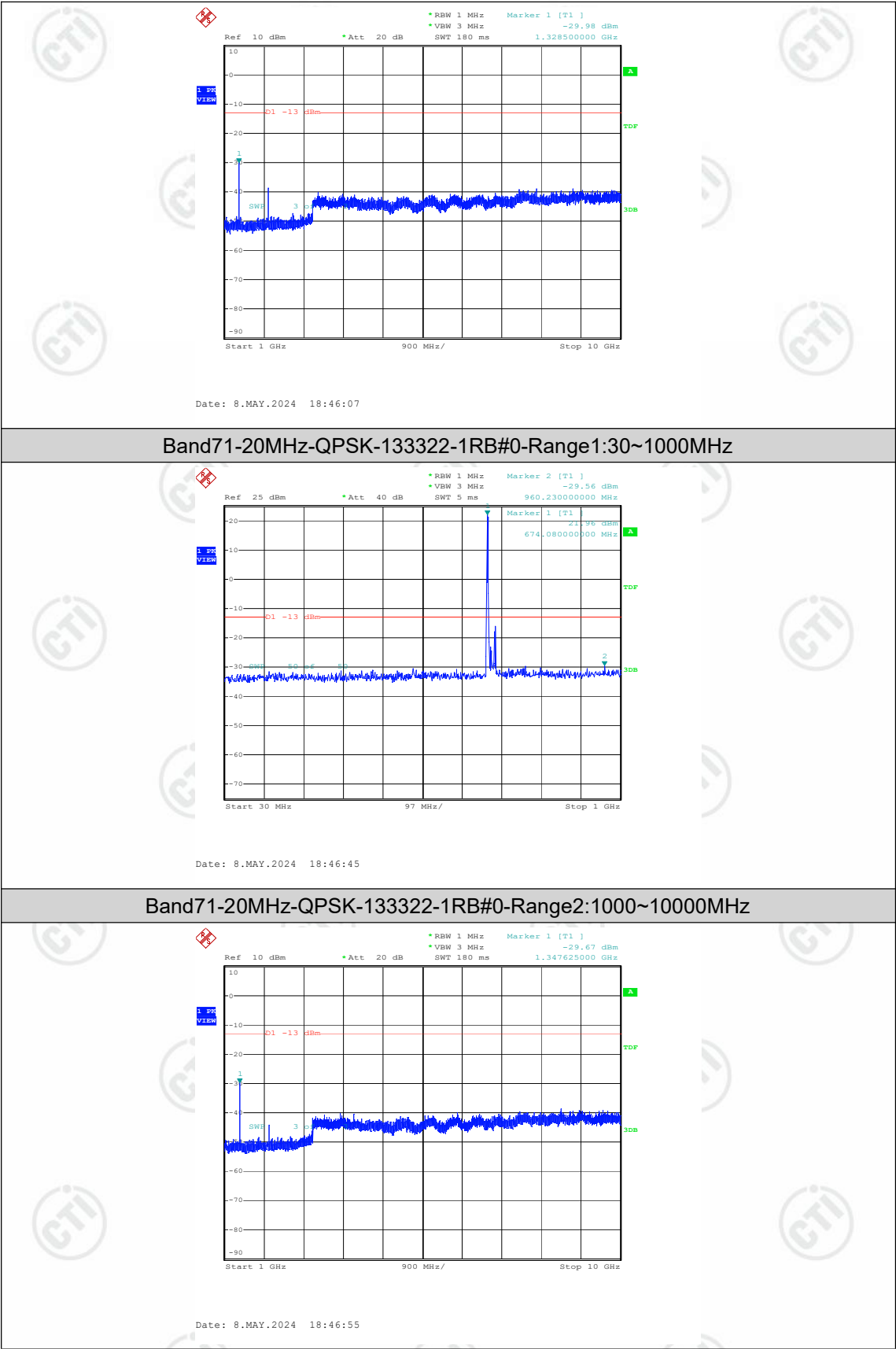


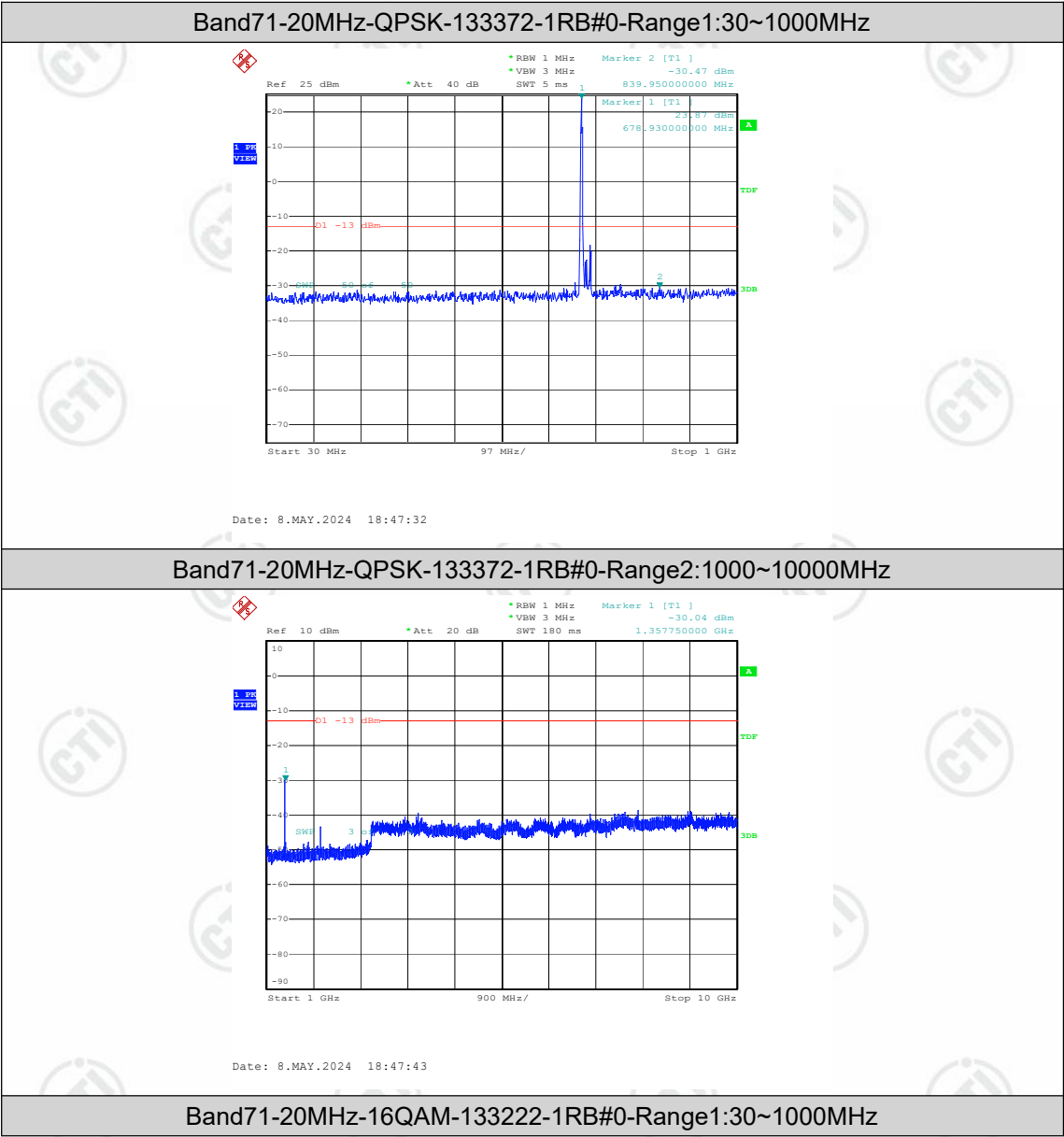


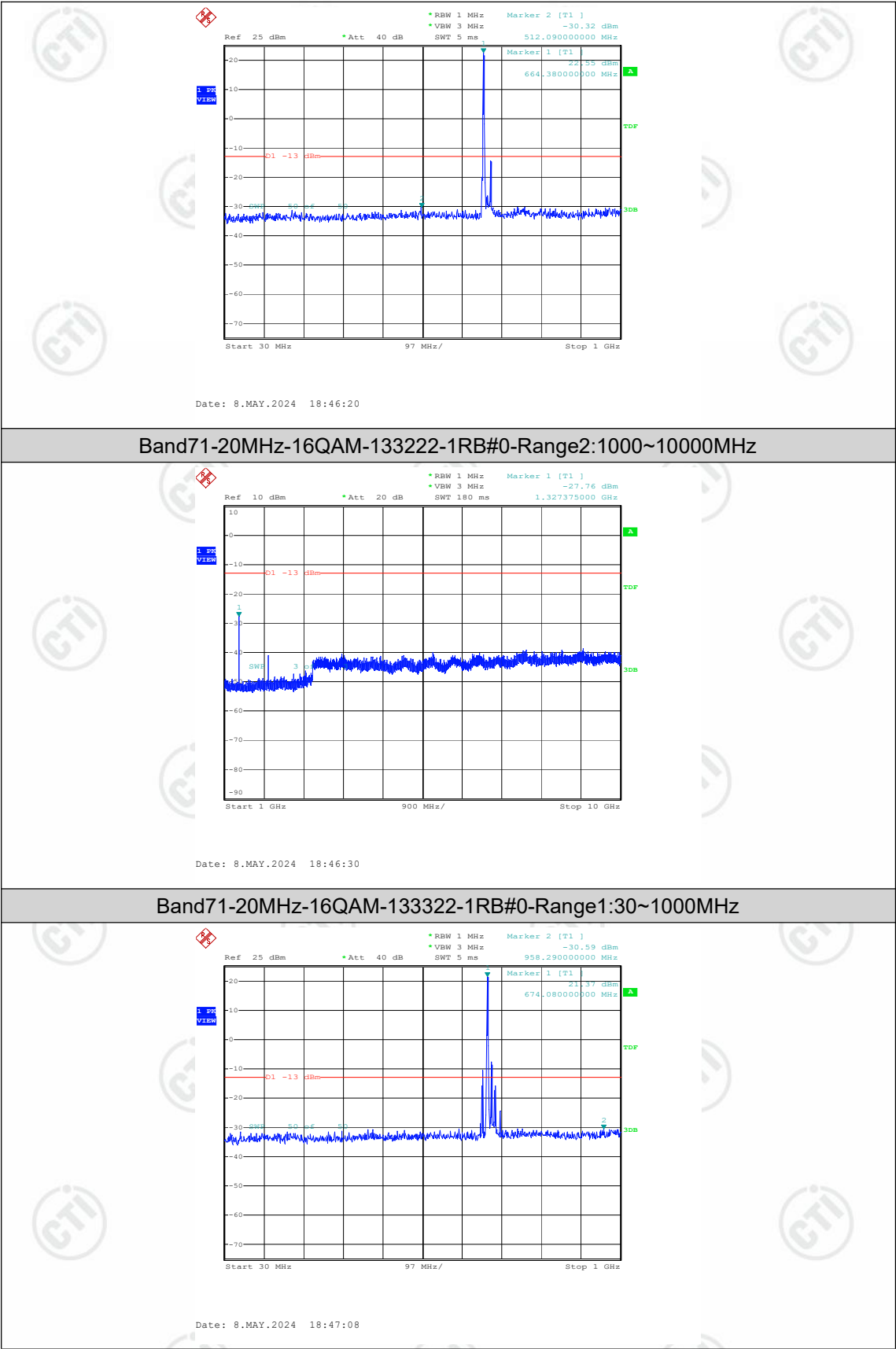


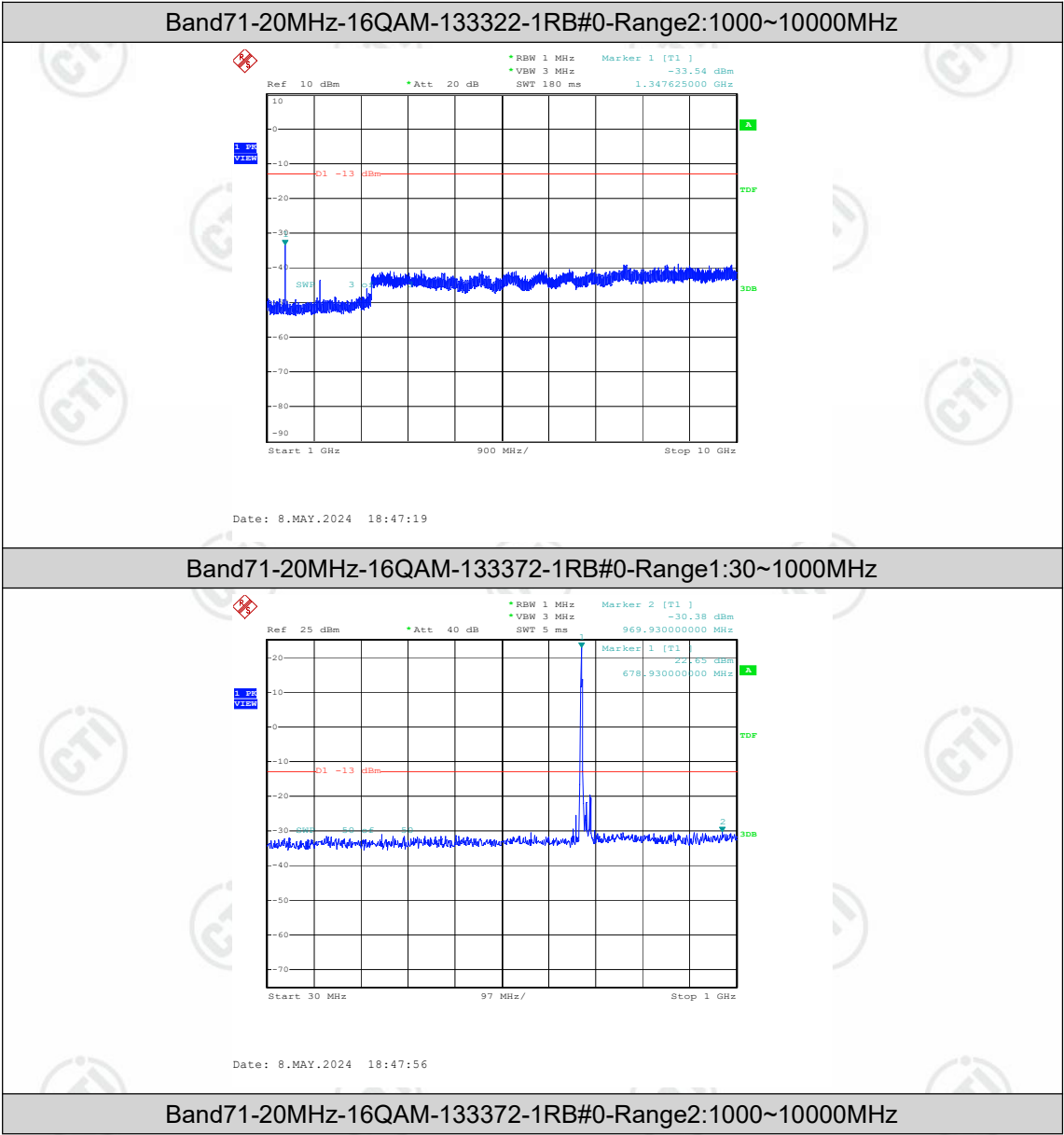


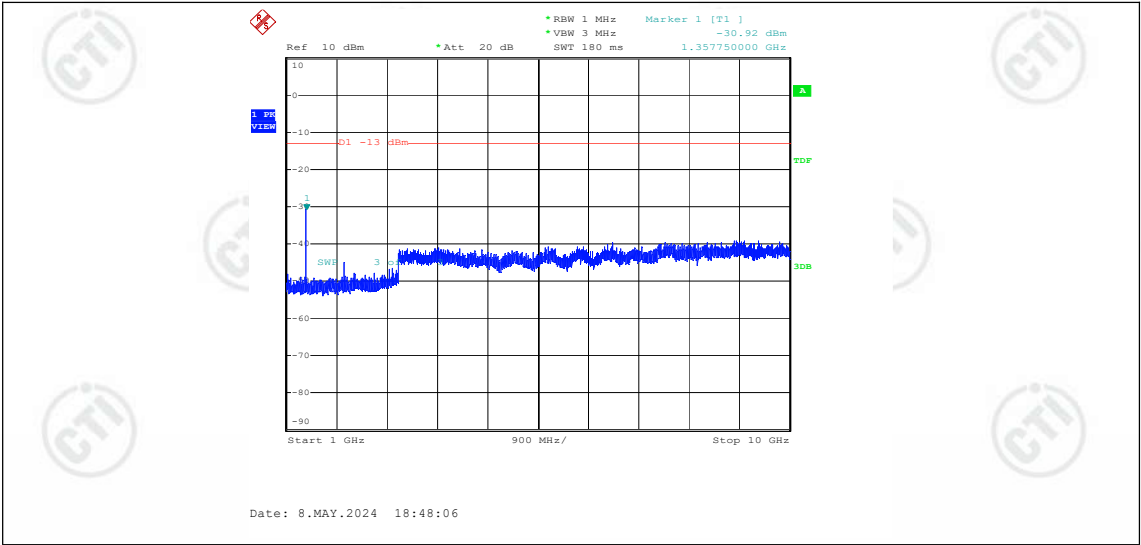












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	VL	NT	-6.75	-0.010143	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	VN	NT	-11.56	-0.017370	±2.5	PASS
Band71	5MHz	QPSK	133147	25RB#0	VH	NT	-7.10	-0.010669	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VL	NT	-6.49	-0.009537	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VN	NT	-8.35	-0.012270	±2.5	PASS
Band71	5MHz	QPSK	133297	25RB#0	VH	NT	-10.26	-0.015077	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VL	NT	-7.41	-0.010654	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VN	NT	-4.51	-0.006485	±2.5	PASS
Band71	5MHz	QPSK	133447	25RB#0	VH	NT	-9.13	-0.013127	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VL	NT	-9.24	-0.013884	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VN	NT	-9.26	-0.013914	±2.5	PASS
Band71	5MHz	16QAM	133147	25RB#0	VH	NT	-8.87	-0.013328	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VL	NT	-6.41	-0.009420	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VN	NT	-6.57	-0.009655	±2.5	PASS
Band71	5MHz	16QAM	133297	25RB#0	VH	NT	-3.99	-0.005863	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	VL	NT	-8.65	-0.012437	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	VN	NT	-8.41	-0.012092	±2.5	PASS
Band71	5MHz	16QAM	133447	25RB#0	VH	NT	-9.37	-0.013472	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VL	NT	-4.53	-0.006781	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VN	NT	-10.17	-0.015225	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VH	NT	-9.76	-0.014611	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VL	NT	-6.59	-0.009684	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VN	NT	-8.37	-0.012300	±2.5	PASS
Band71	10MHz	QPSK	133297	50RB#0	VH	NT	-10.59	-0.015562	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VL	NT	-12.12	-0.017489	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VN	NT	-7.40	-0.010678	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VH	NT	-9.56	-0.013795	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VL	NT	-7.70	-0.011527	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VN	NT	-8.35	-0.012500	±2.5	PASS
Band71	10MHz	16QAM	133172	50RB#0	VH	NT	-15.16	-0.022695	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	VL	NT	-9.66	-0.014195	±2.5	PASS

Band71	10MHz	16QAM	133297	50RB#0	VN	NT	-12.86	-0.018898	±2.5	PASS
Band71	10MHz	16QAM	133297	50RB#0	VH	NT	-7.17	-0.010536	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	VL	NT	-15.36	-0.022165	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	VN	NT	-11.84	-0.017085	±2.5	PASS
Band71	10MHz	16QAM	133422	50RB#0	VH	NT	-8.70	-0.012554	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VL	NT	-11.79	-0.017584	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VN	NT	-12.89	-0.019224	±2.5	PASS
Band71	15MHz	QPSK	133197	75RB#0	VH	NT	-12.67	-0.018896	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VL	NT	-10.46	-0.015371	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VN	NT	1.70	0.002498	±2.5	PASS
Band71	15MHz	QPSK	133297	75RB#0	VH	NT	-10.96	-0.016106	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VL	NT	-11.09	-0.016061	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VN	NT	-3.56	-0.005156	±2.5	PASS
Band71	15MHz	QPSK	133397	75RB#0	VH	NT	-9.56	-0.013845	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VL	NT	-8.38	-0.012498	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VN	NT	-13.39	-0.019970	±2.5	PASS
Band71	15MHz	16QAM	133197	75RB#0	VH	NT	-8.13	-0.012125	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VL	NT	-7.31	-0.010742	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VN	NT	-6.59	-0.009684	±2.5	PASS
Band71	15MHz	16QAM	133297	75RB#0	VH	NT	-5.74	-0.008435	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	VL	NT	-7.28	-0.010543	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	VN	NT	-4.88	-0.007067	±2.5	PASS
Band71	15MHz	16QAM	133397	75RB#0	VH	NT	-7.44	-0.010775	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VL	NT	-9.04	-0.013432	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VN	NT	-10.97	-0.016300	±2.5	PASS
Band71	20MHz	QPSK	133222	100RB#0	VH	NT	-8.01	-0.011902	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-13.75	-0.020132	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-4.35	-0.006369	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-10.91	-0.015974	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VL	NT	-10.39	-0.015102	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VN	NT	-3.20	-0.004651	±2.5	PASS
Band71	20MHz	QPSK	133372	100RB#0	VH	NT	-12.45	-0.018096	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VL	NT	-13.75	-0.020431	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VN	NT	-8.24	-0.012244	±2.5	PASS
Band71	20MHz	16QAM	133222	100RB#0	VH	NT	-7.35	-0.010921	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VL	NT	-9.98	-0.014612	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VN	NT	-8.45	-0.012372	±2.5	PASS
Band71	20MHz	16QAM	133322	100RB#0	VH	NT	-9.17	-0.013426	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VL	NT	-7.68	-0.011163	±2.5	PASS

Band71	20MHz	16QAM	133372	100RB#0	VN	NT	-8.08	-0.011744	±2.5	PASS
Band71	20MHz	16QAM	133372	100RB#0	VH	NT	-8.98	-0.013052	±2.5	PASS

*** End of Report ***