

Appendix for LTE Band 7

CONTENTS

Appendix A: Effective (Isotropic) Radiated Power Output Data3

 Test Result.....3

Appendix B: Peak-to-Average Ratio(CCDF).....11

 Test Result.....11

 Test Graphs14

Appendix C: 26dB Bandwidth and Occupied Bandwidth38

 Test Result.....38

 Test Graphs40

Appendix D: Band Edge52

 Test Result.....52

 Test Graphs56

Appendix E: Conducted Spurious Emission.....80

 Test Result.....80

 Test Graphs85

Appendix F: Frequency Stability122

 Test Result.....122

Appendix A: Effective (Isotropic) Radiated Power

Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.09	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.08	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.12	PASS
Band7	5MHz	QPSK	20775	12RB#0	23.02	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.99	PASS
Band7	5MHz	QPSK	20775	12RB#13	23.02	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.93	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.10	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.10	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.11	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.06	PASS
Band7	5MHz	QPSK	21100	12RB#6	23.04	PASS
Band7	5MHz	QPSK	21100	12RB#13	23.14	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.19	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.12	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.17	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.20	PASS
Band7	5MHz	QPSK	21425	12RB#0	23.14	PASS

Band7	5MHz	QPSK	21425	12RB#6	23.13	PASS
Band7	5MHz	QPSK	21425	12RB#13	23.10	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.12	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.35	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.24	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.50	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.99	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.92	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.63	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.72	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.65	PASS
Band7	5MHz	16QAM	21100	12RB#0	22.24	PASS
Band7	5MHz	16QAM	21100	12RB#6	22.25	PASS
Band7	5MHz	16QAM	21100	12RB#13	22.17	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.32	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.76	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.80	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.76	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.23	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.23	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.21	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.20	PASS

Band7	10MHz	QPSK	20800	1RB#0	23.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.90	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.03	PASS
Band7	10MHz	QPSK	20800	25RB#0	23.08	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.07	PASS
Band7	10MHz	QPSK	20800	25RB#25	23.11	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.08	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.19	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.22	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.01	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.09	PASS
Band7	10MHz	QPSK	21100	25RB#12	23.16	PASS
Band7	10MHz	QPSK	21100	25RB#25	23.04	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.96	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.92	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.09	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.98	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.10	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.95	PASS
Band7	10MHz	QPSK	21400	25RB#25	23.08	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.27	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.38	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.89	PASS

Band7	10MHz	16QAM	20800	25RB#0	22.19	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.28	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.24	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.15	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.69	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.67	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.29	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.31	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.37	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.33	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.79	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.74	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.12	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.13	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.14	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.08	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.19	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.04	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.98	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.66	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.89	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.99	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.96	PASS

Band7	15MHz	QPSK	20825	75RB#0	22.90	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.18	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.99	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.92	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.84	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.72	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.69	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.12	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.81	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.85	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.92	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.73	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.72	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.78	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.92	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.37	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.36	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.93	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.91	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.88	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.96	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.08	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.19	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.74	PASS

Band7	15MHz	16QAM	21100	1RB#74	22.72	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.73	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.74	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.71	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.24	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.76	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.81	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.73	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.75	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.70	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.78	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.14	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.99	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.14	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.10	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.08	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.04	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.06	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.16	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.27	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.21	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.07	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.19	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.21	PASS

Band7	20MHz	QPSK	21100	50RB#50	22.05	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.02	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.12	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.18	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.97	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.99	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.05	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.35	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.57	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.54	PASS
Band7	20MHz	16QAM	20850	50RB#0	22.22	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.10	PASS
Band7	20MHz	16QAM	20850	50RB#50	22.30	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.28	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.05	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.01	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.89	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.40	PASS
Band7	20MHz	16QAM	21100	50RB#25	22.41	PASS
Band7	20MHz	16QAM	21100	50RB#50	22.23	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.20	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.67	PASS

Band7	20MHz	16QAM	21350	1RB#49	22.82	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.77	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.30	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.30	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.22	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.18	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

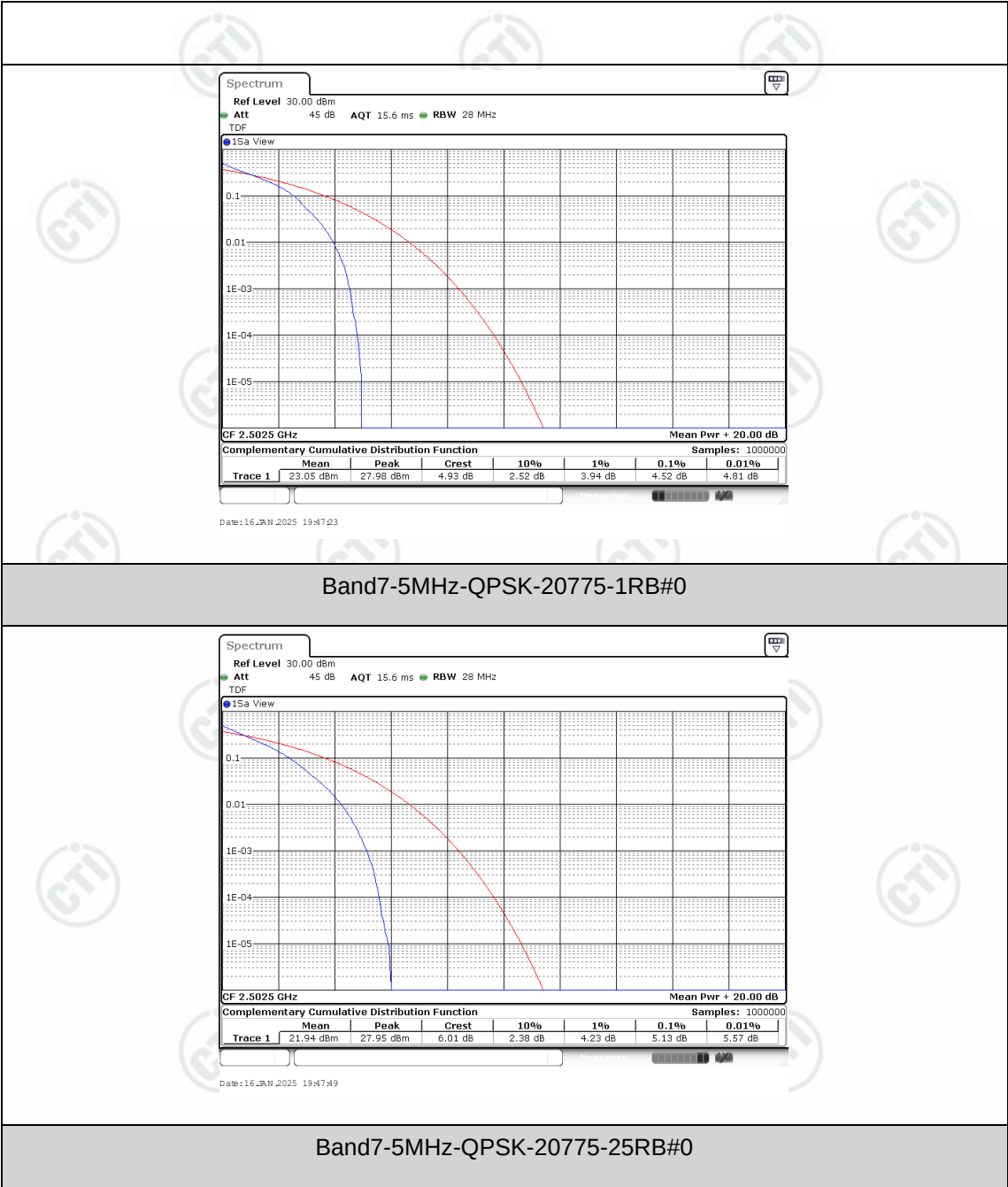
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.52	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.13	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.64	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.28	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.55	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.07	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.54	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.86	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.48	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.39	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.80	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.55	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.13	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.84	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.33	13	PASS

Band7	10MHz	QPSK	21400	1RB#0	4.49	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.13	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.36	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.88	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.80	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.06	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.59	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.88	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.67	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.39	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.93	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.54	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.64	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.36	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.59	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.00	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.86	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.06	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.62	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.94	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.43	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.16	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.93	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.30	13	PASS

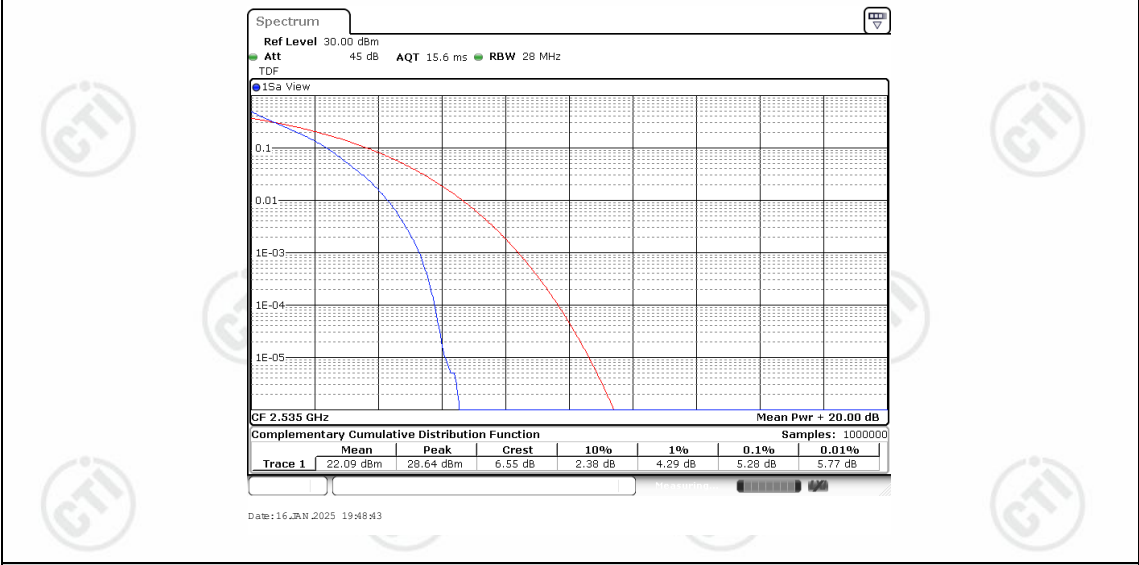
Band7	20MHz	QPSK	21350	1RB#0	4.70	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.16	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.30	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.97	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.48	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.03	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.77	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.94	13	PASS

Test Graphs





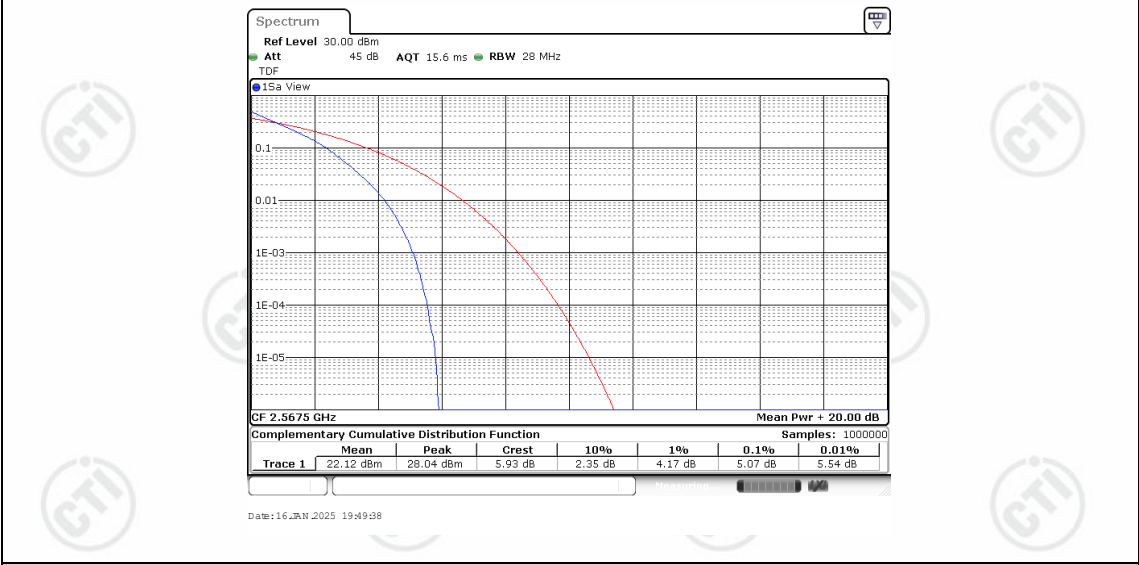
Band7-5MHz-QPSK-21100-1RB#0



Band7-5MHz-QPSK-21100-25RB#0



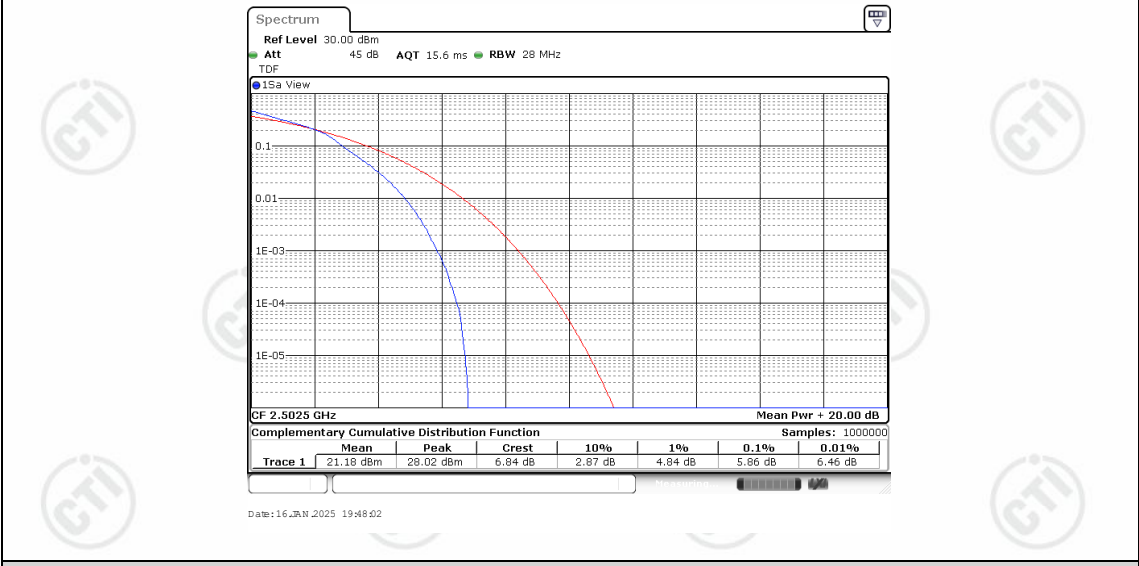
Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-25RB#0



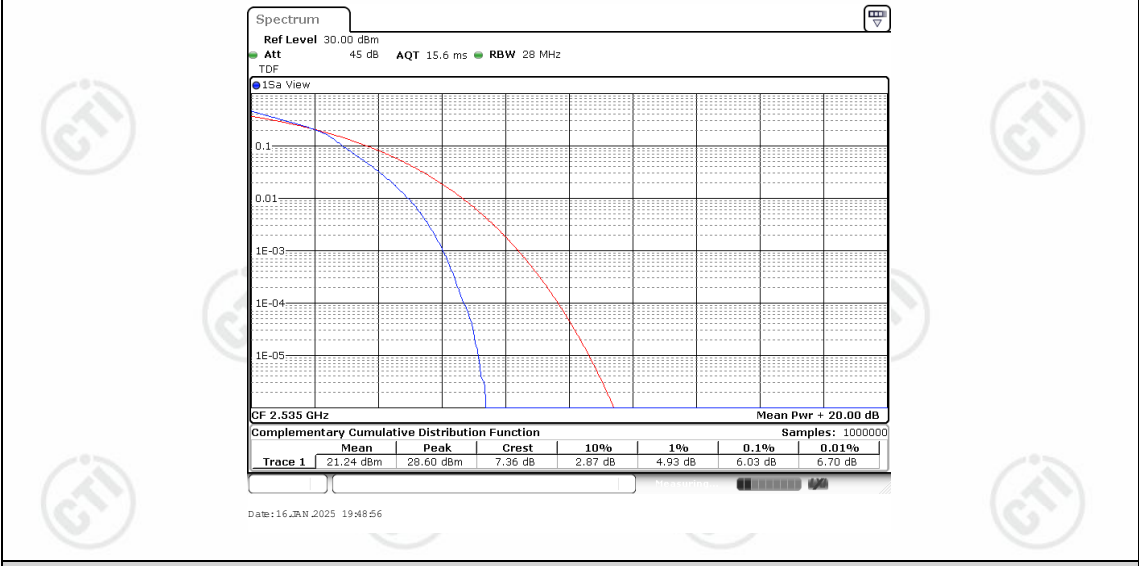
Band7-5MHz-16QAM-20775-1RB#0



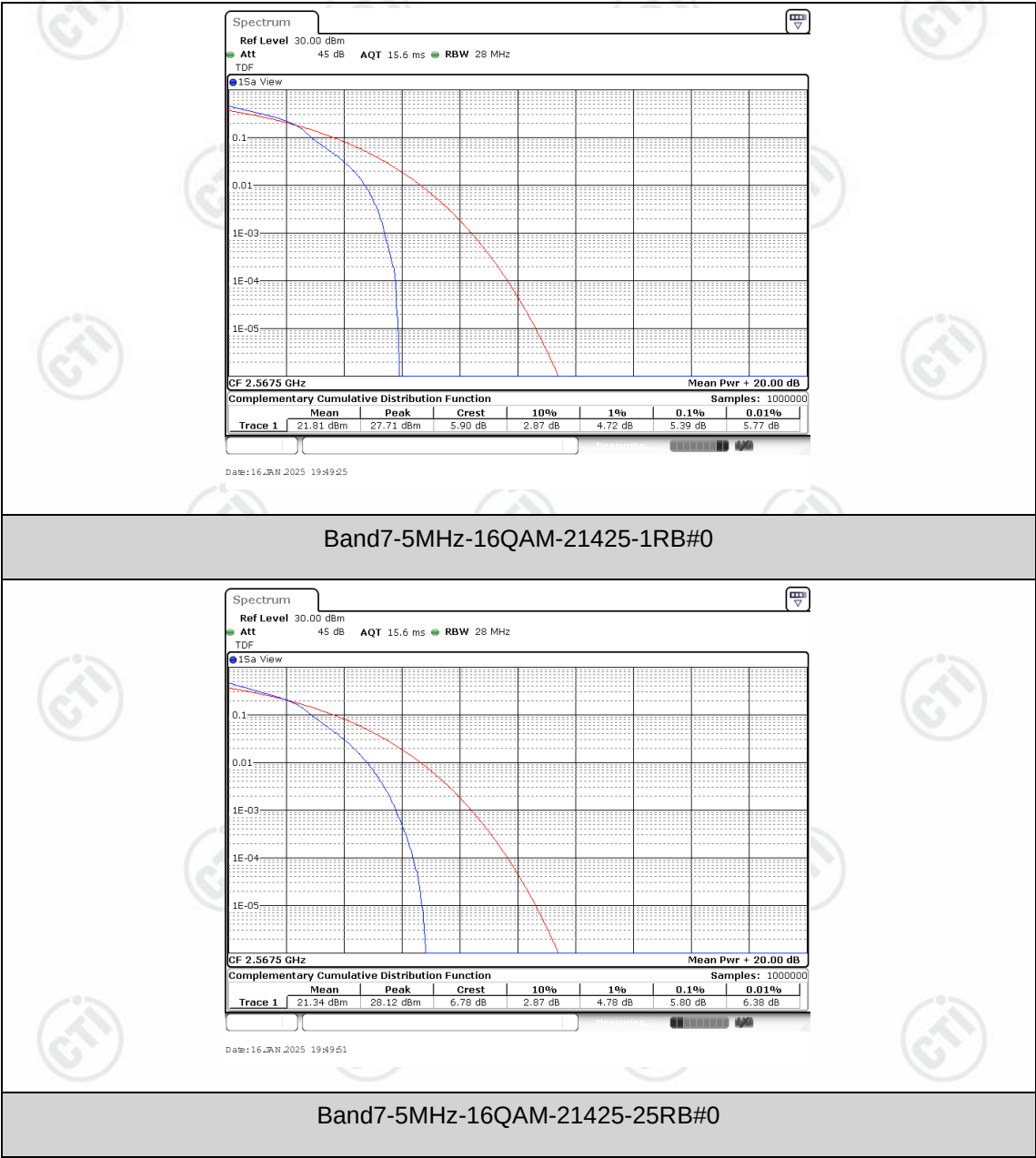
Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-1RB#0

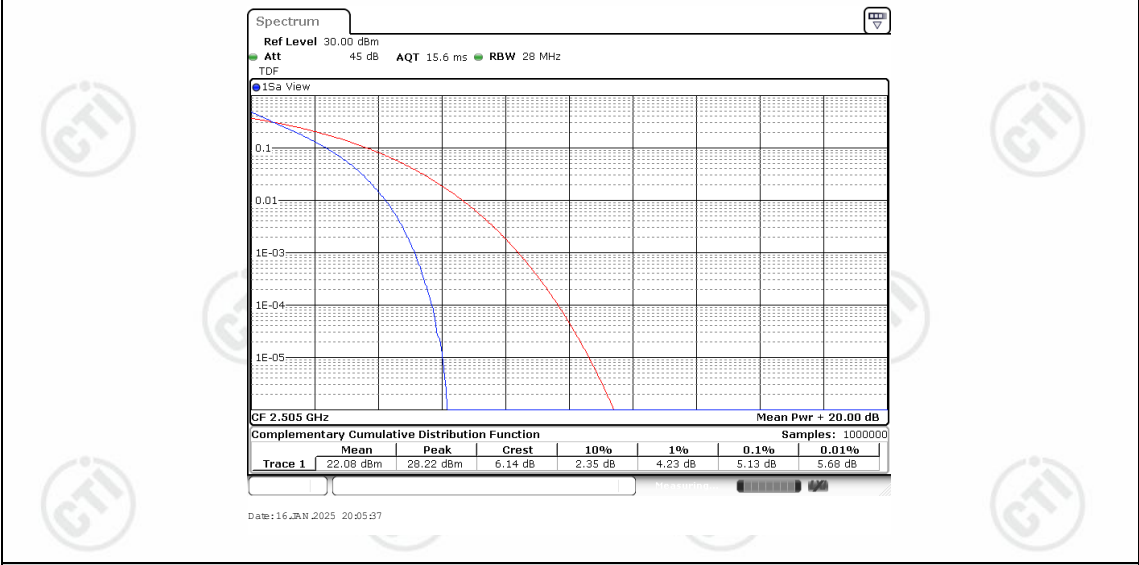


Band7-5MHz-16QAM-21100-25RB#0

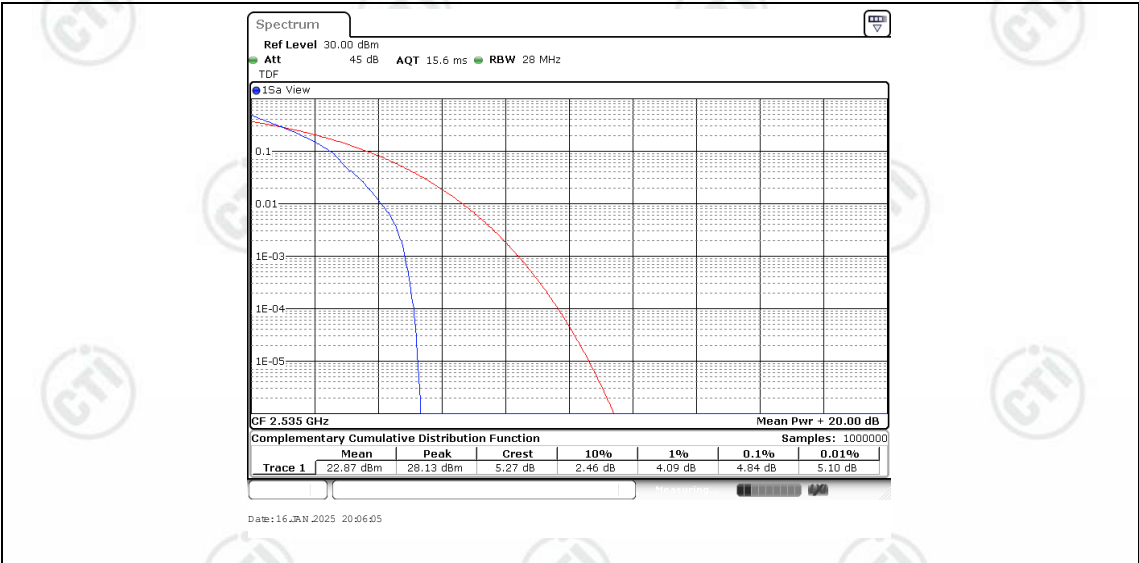




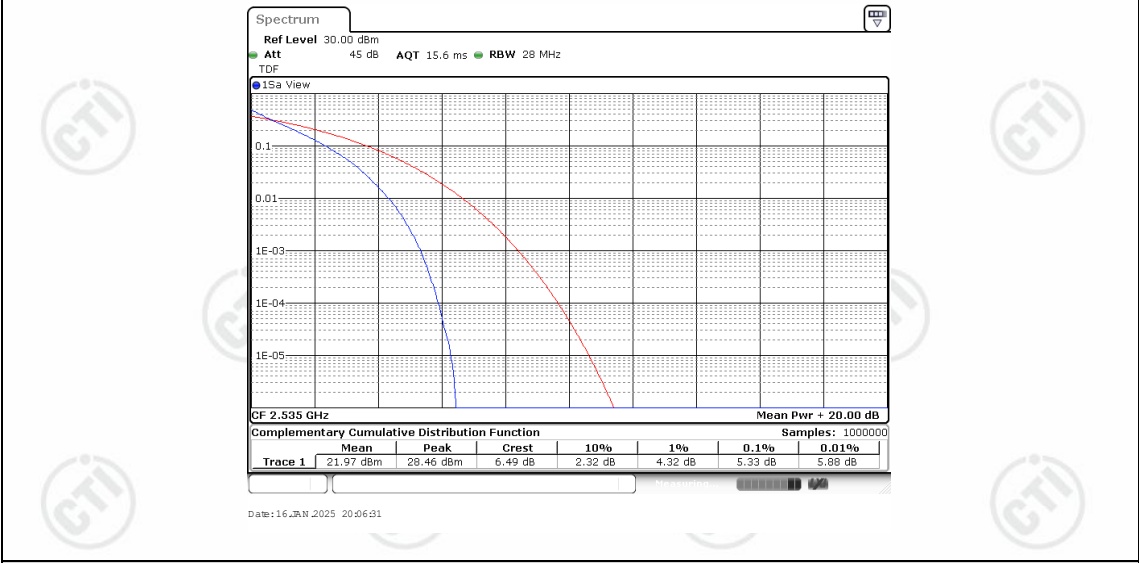
Band7-10MHz-QPSK-20800-1RB#0



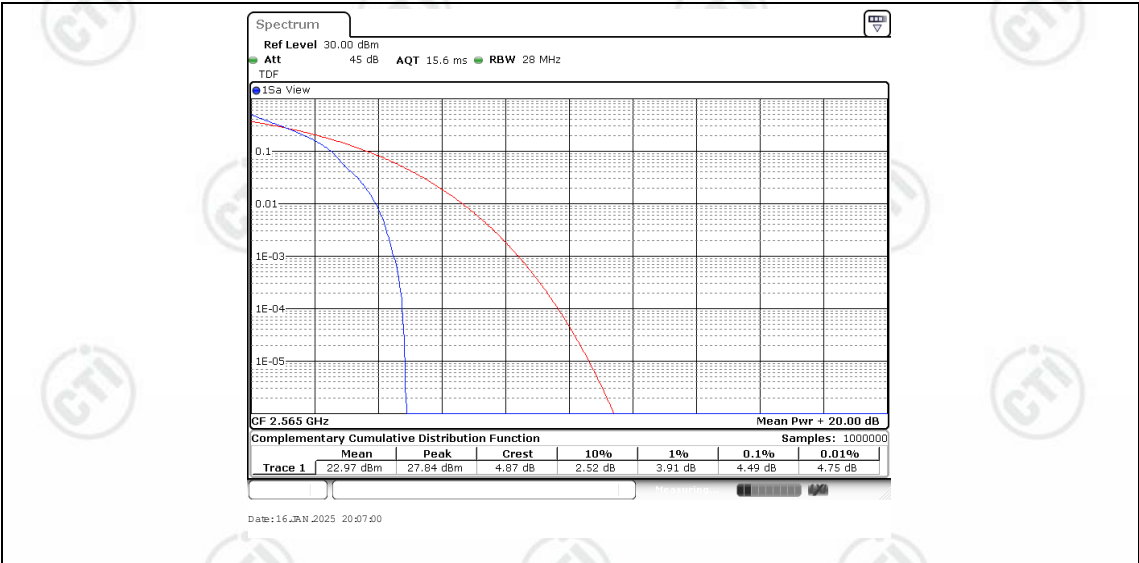
Band7-10MHz-QPSK-20800-50RB#0



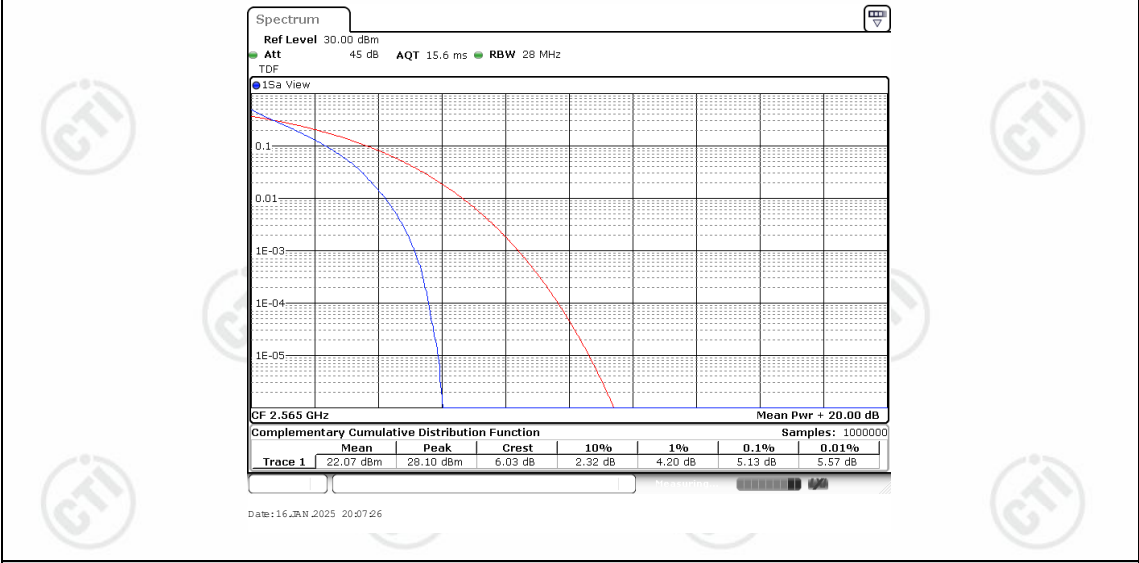
Band7-10MHz-QPSK-21100-1RB#0



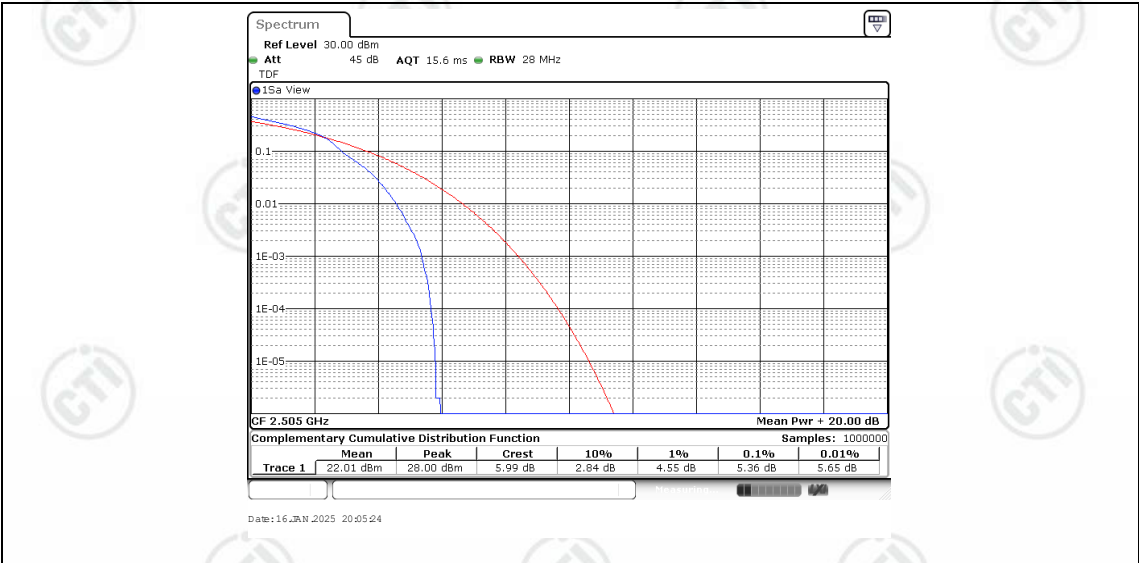
Band7-10MHz-QPSK-21100-50RB#0



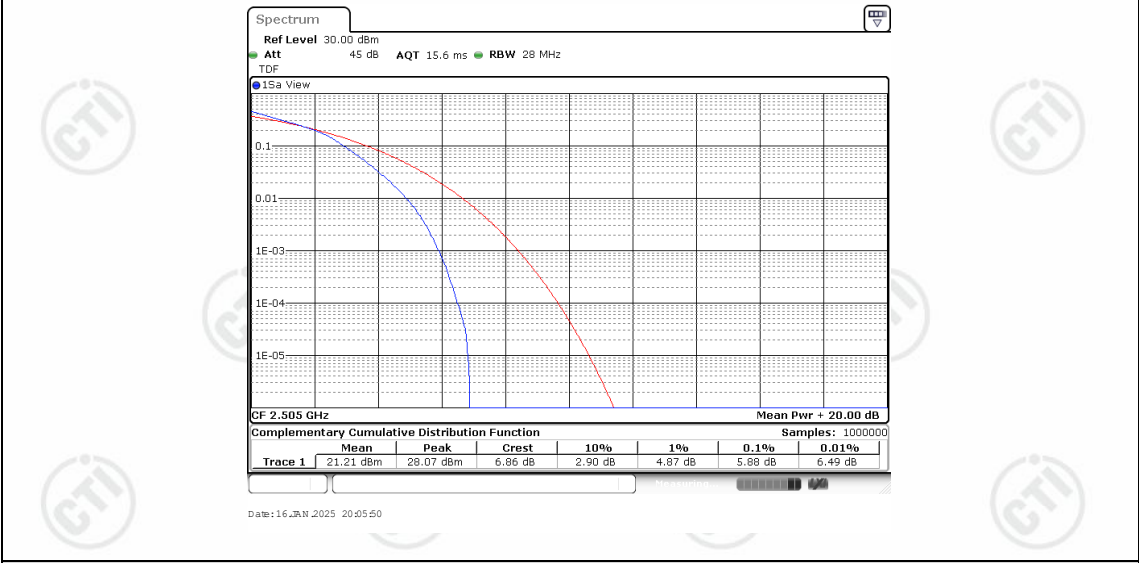
Band7-10MHz-QPSK-21400-1RB#0



Band7-10MHz-QPSK-21400-50RB#0



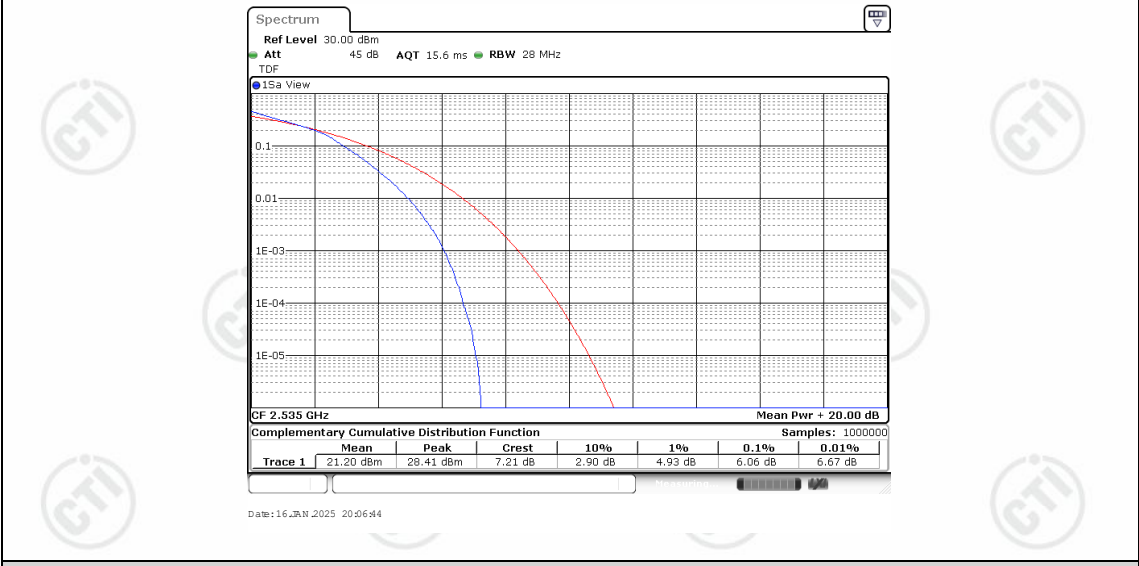
Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-50RB#0



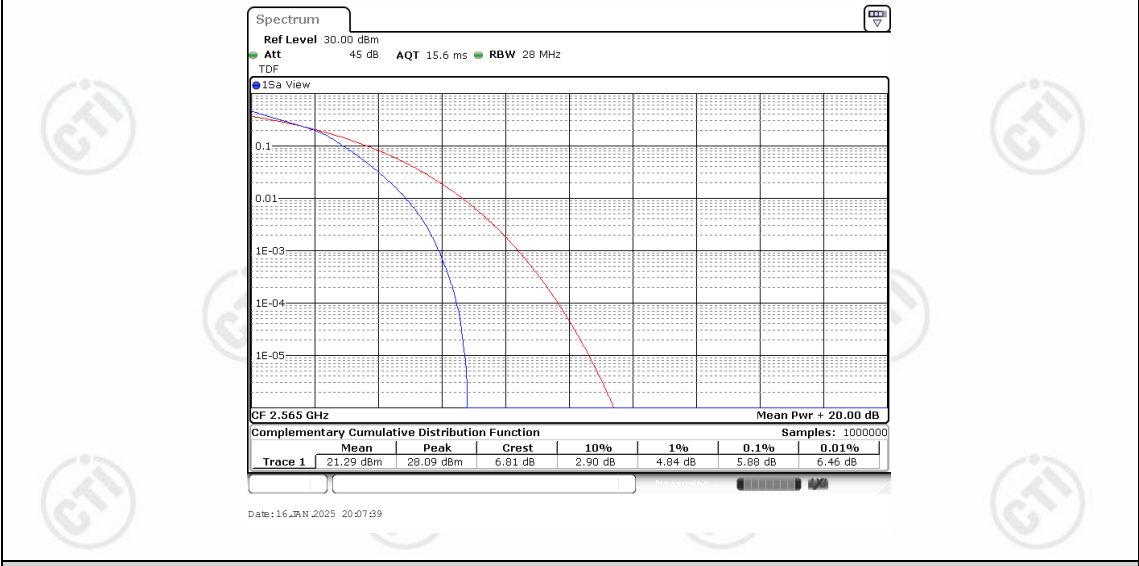
Band7-10MHz-16QAM-21100-1RB#0



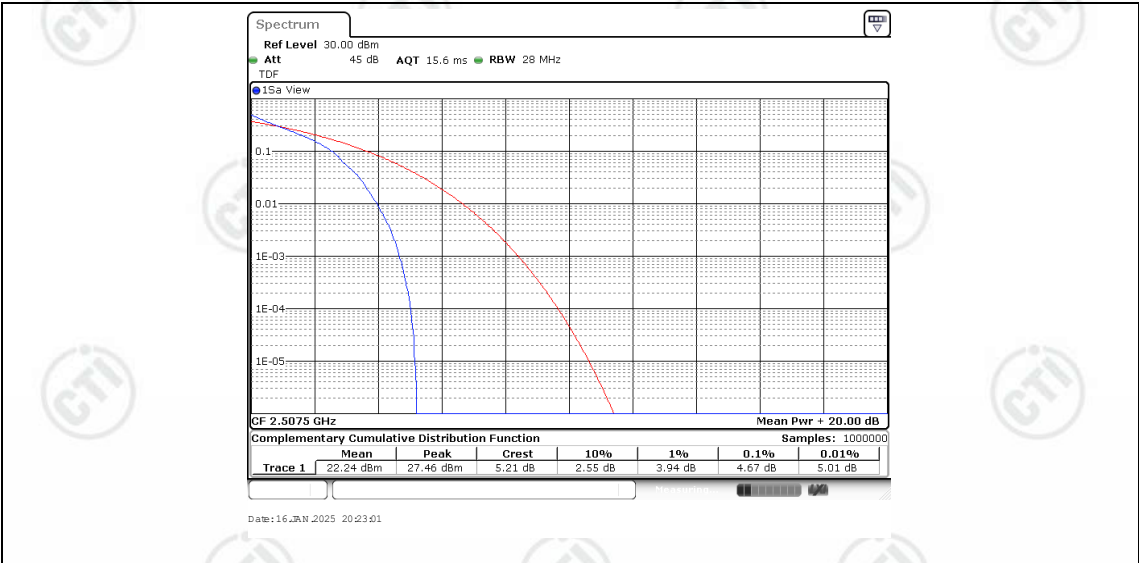
Band7-10MHz-16QAM-21100-50RB#0



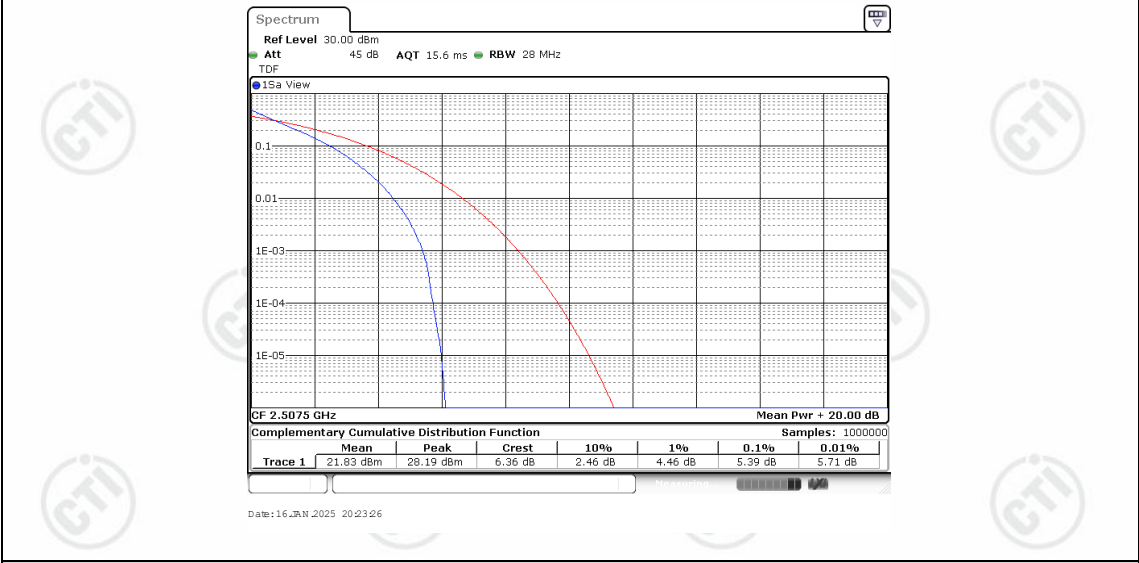
Band7-10MHz-16QAM-21400-1RB#0



Band7-10MHz-16QAM-21400-50RB#0



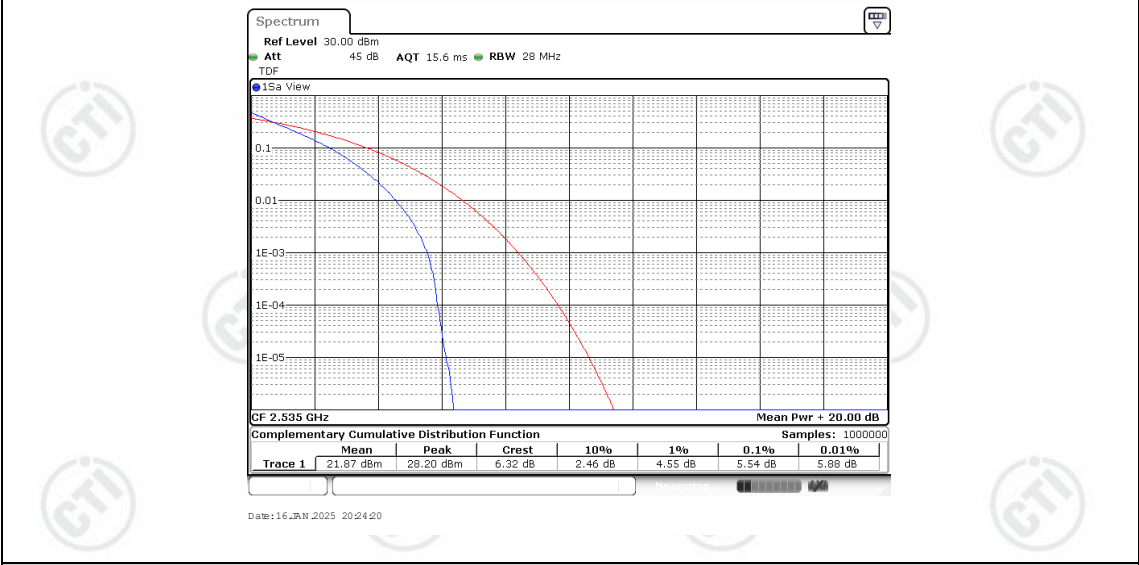
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0



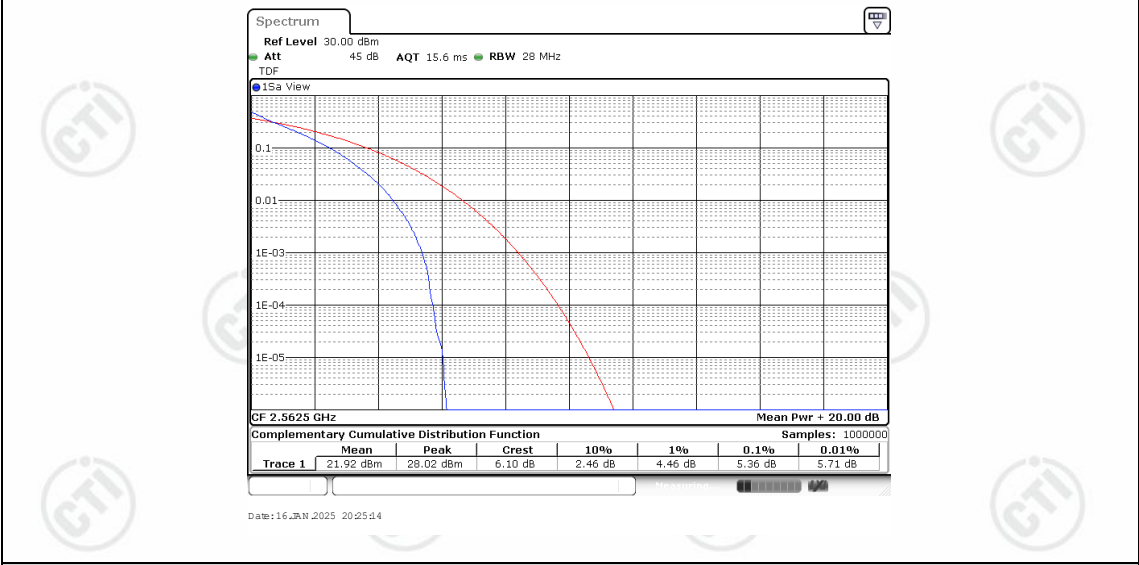
Band7-15MHz-QPSK-21100-1RB#0



Band7-15MHz-QPSK-21100-75RB#0



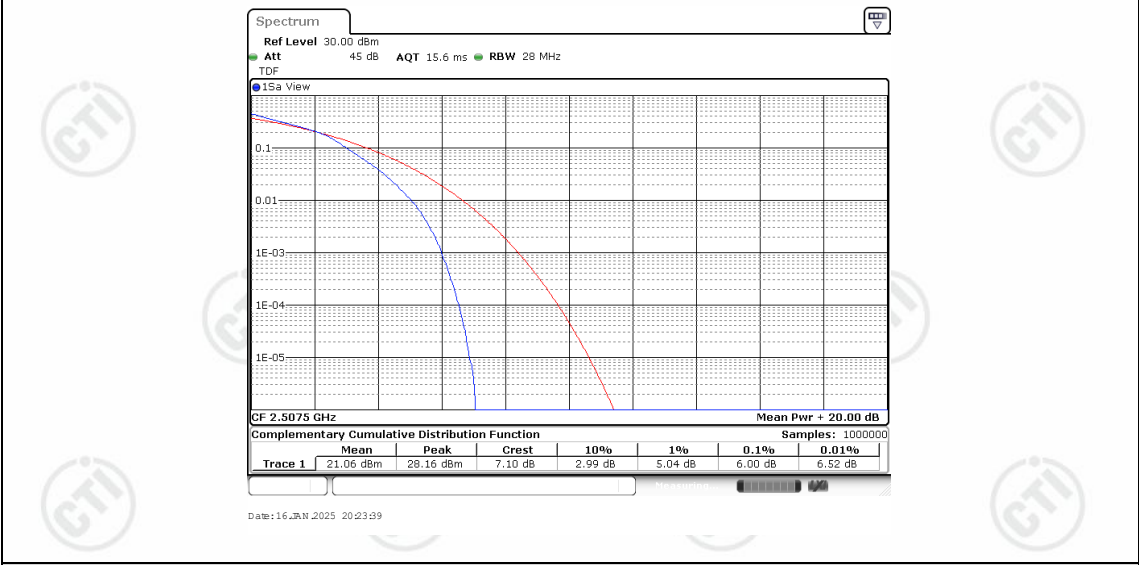
Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-75RB#0



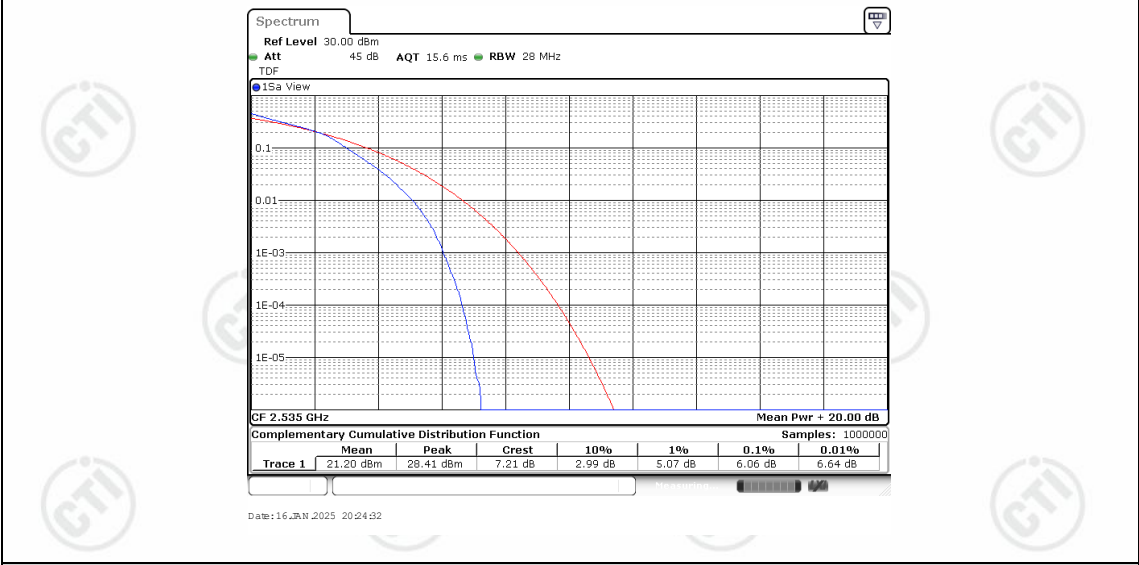
Band7-15MHz-16QAM-20825-1RB#0



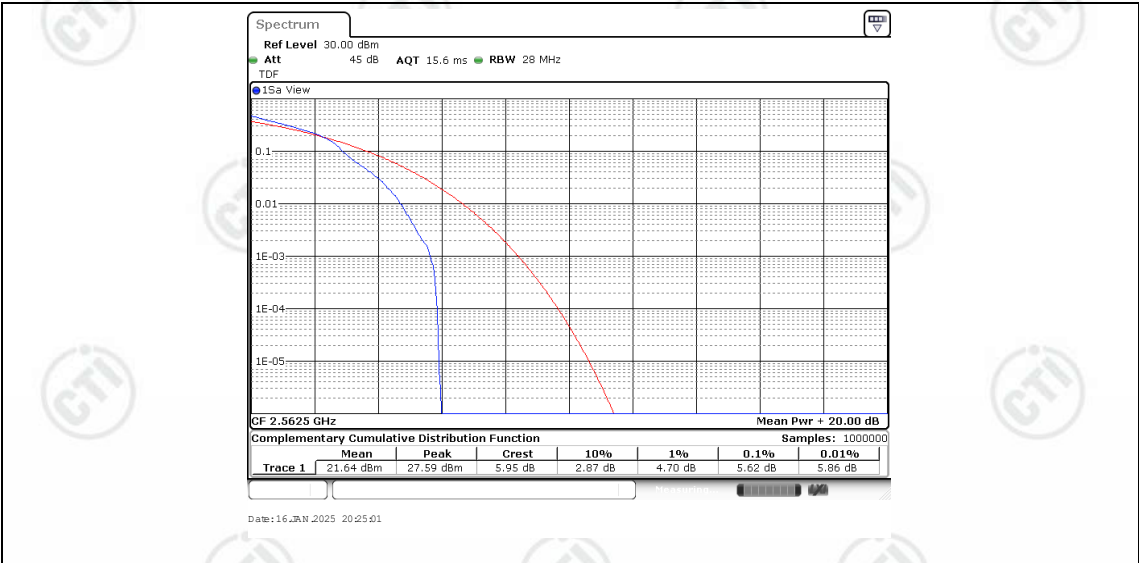
Band7-15MHz-16QAM-20825-75RB#0



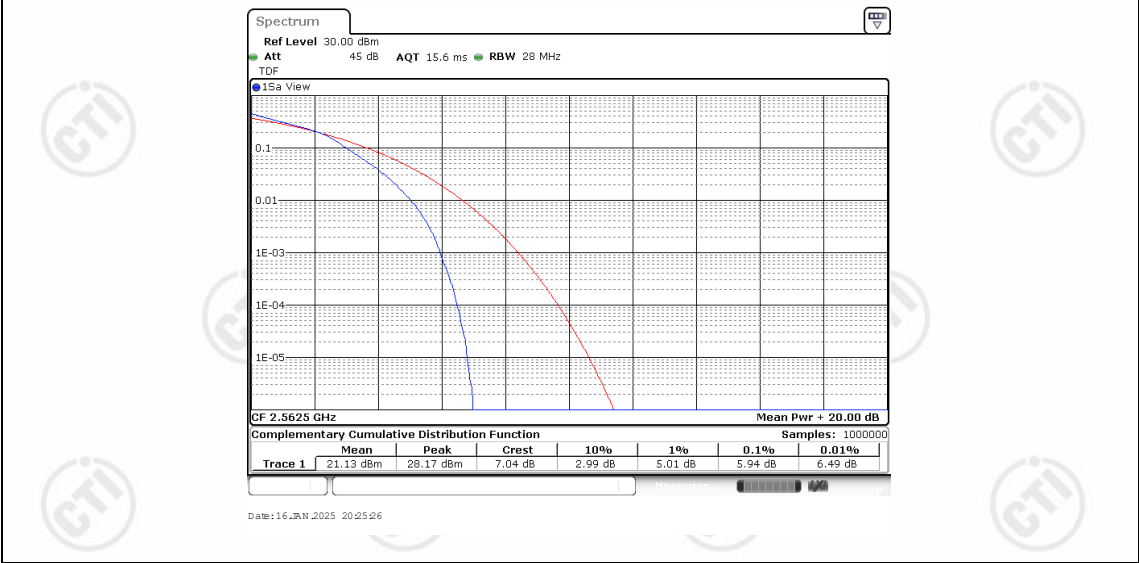
Band7-15MHz-16QAM-21100-1RB#0



Band7-15MHz-16QAM-21100-75RB#0



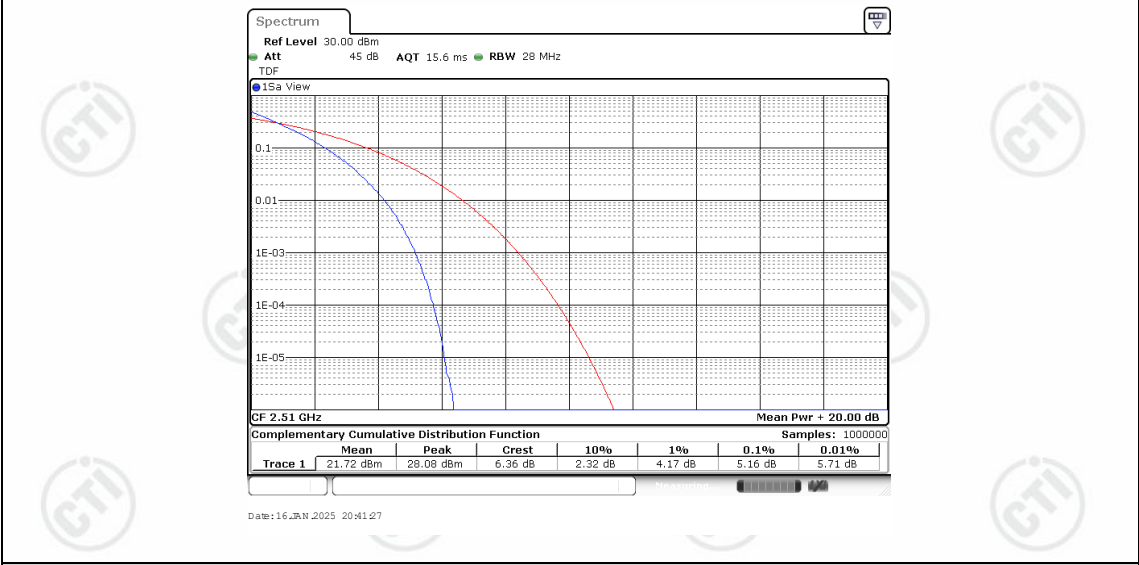
Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-75RB#0



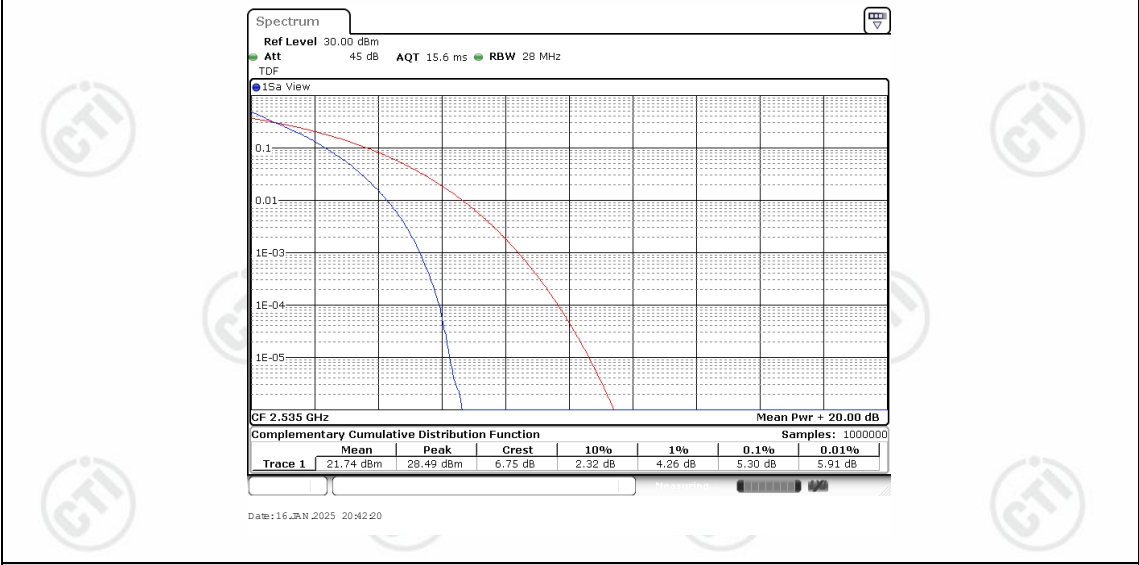
Band7-20MHz-QPSK-20850-1RB#0



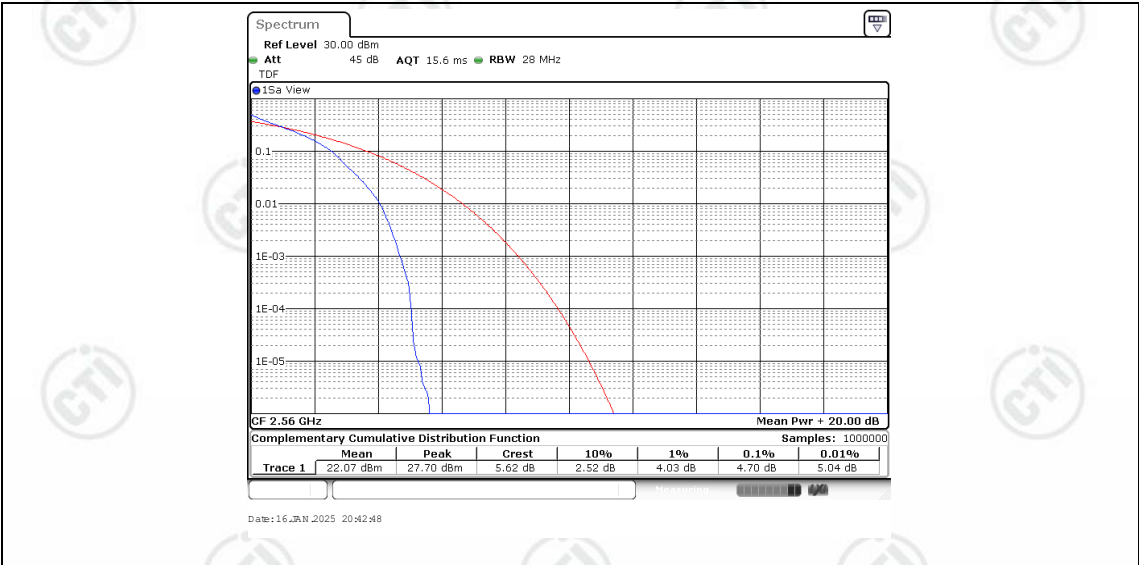
Band7-20MHz-QPSK-20850-100RB#0



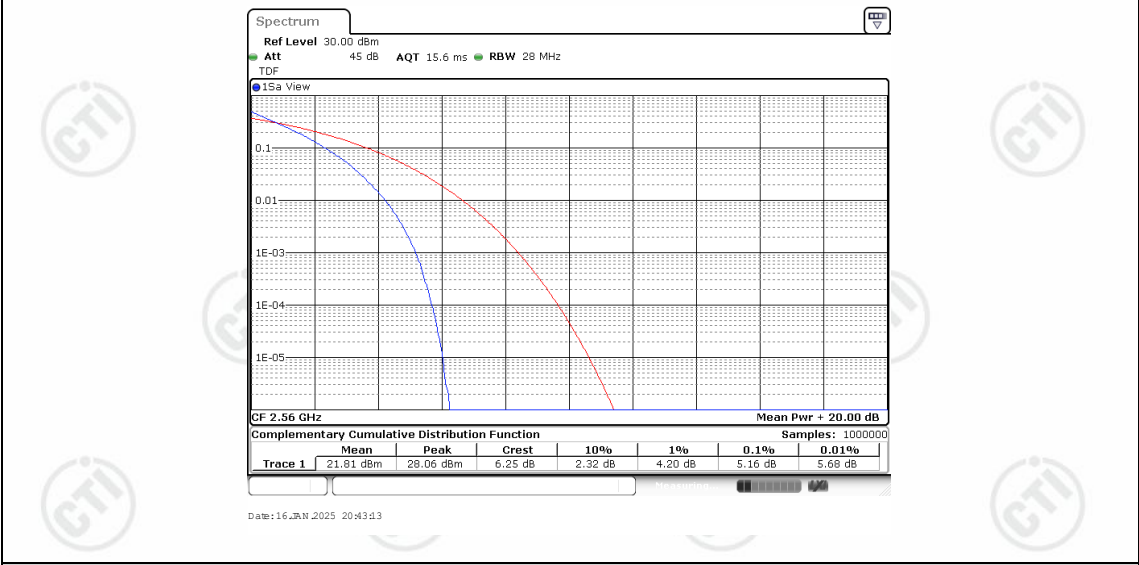
Band7-20MHz-QPSK-21100-1RB#0



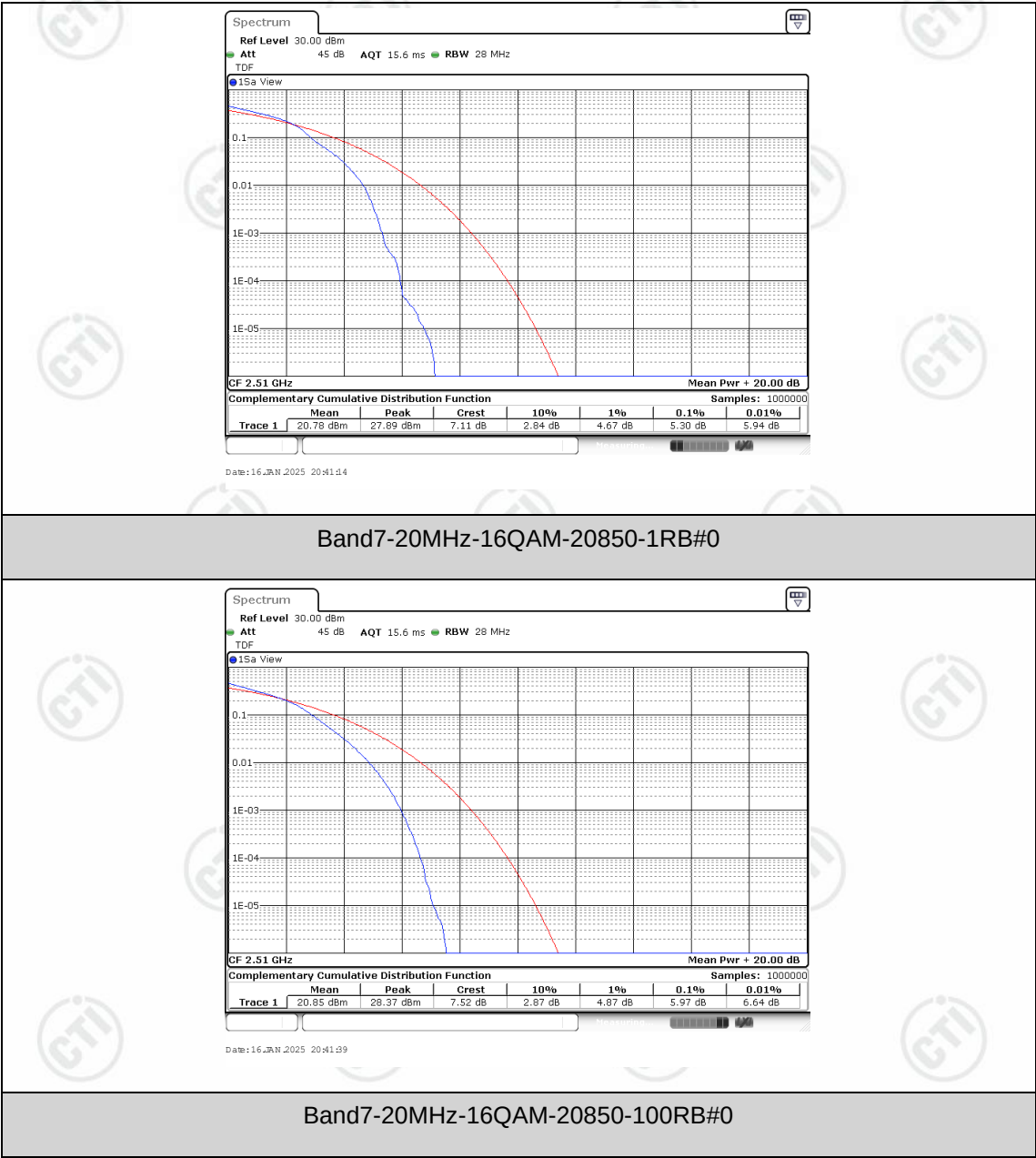
Band7-20MHz-QPSK-21100-100RB#0

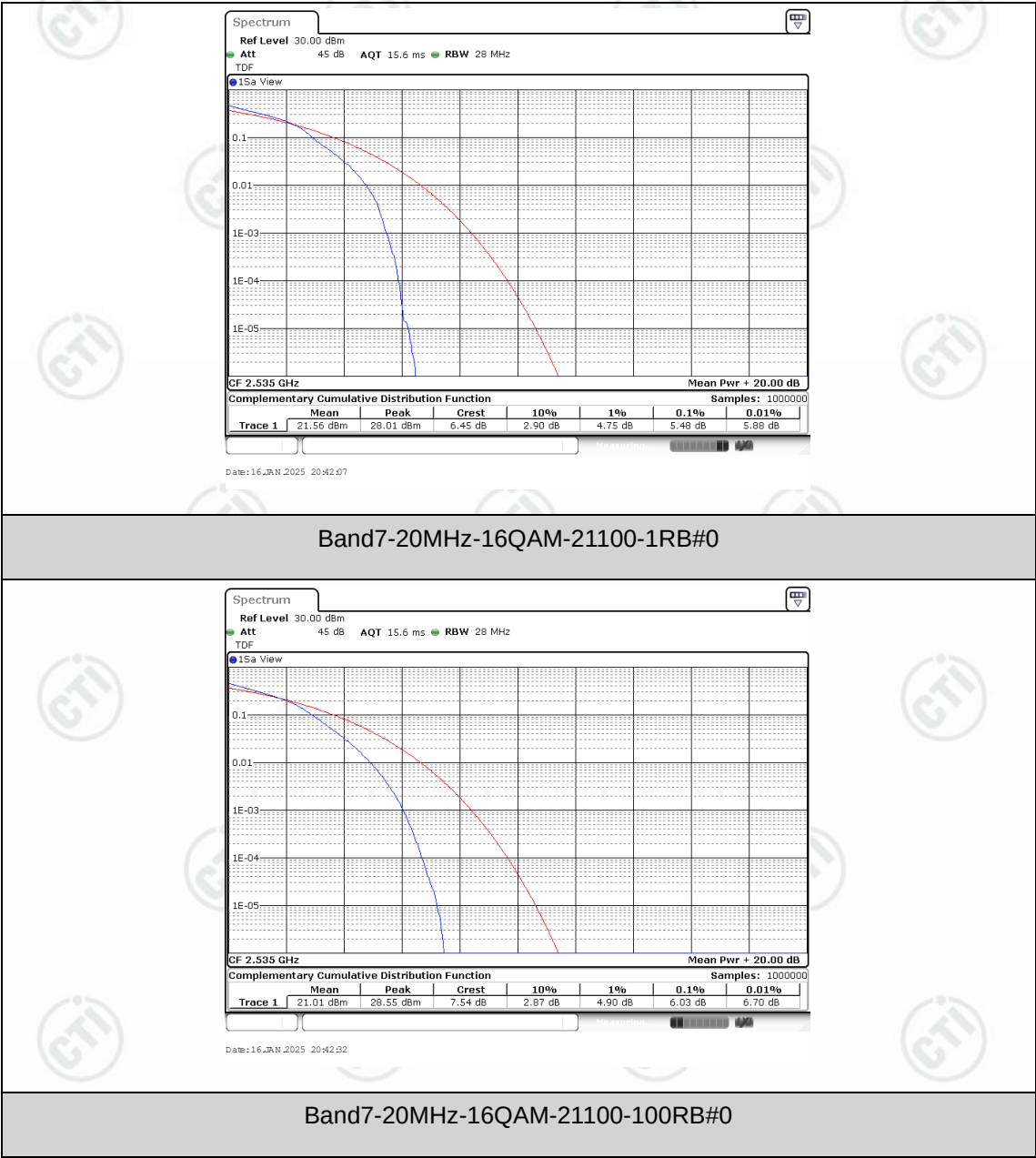


Band7-20MHz-QPSK-21350-1RB#0



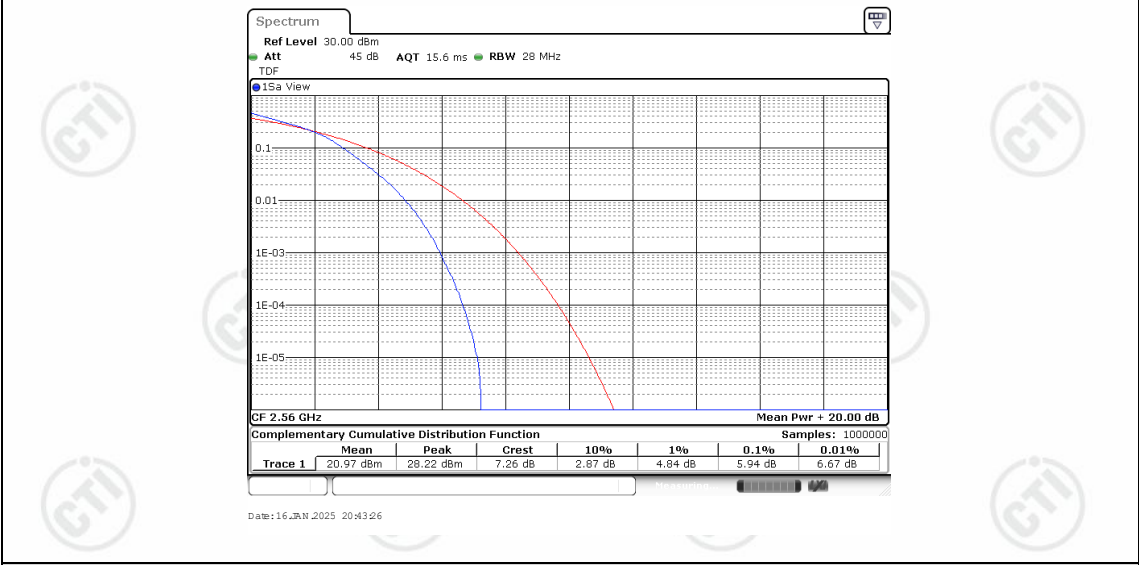
Band7-20MHz-QPSK-21350-100RB#0







Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-100RB#0

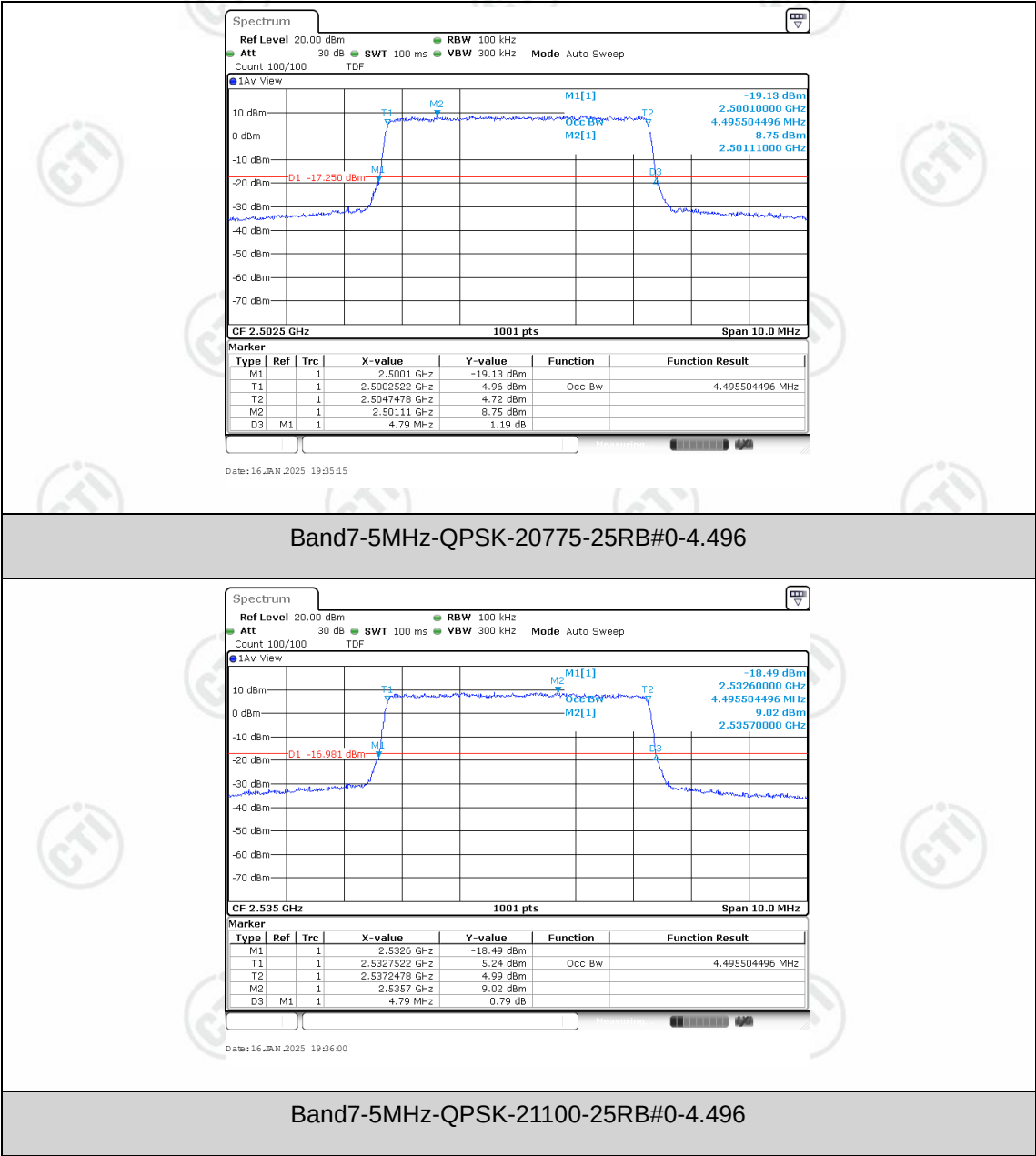
Appendix C: 26dB Bandwidth and Occupied Bandwidth

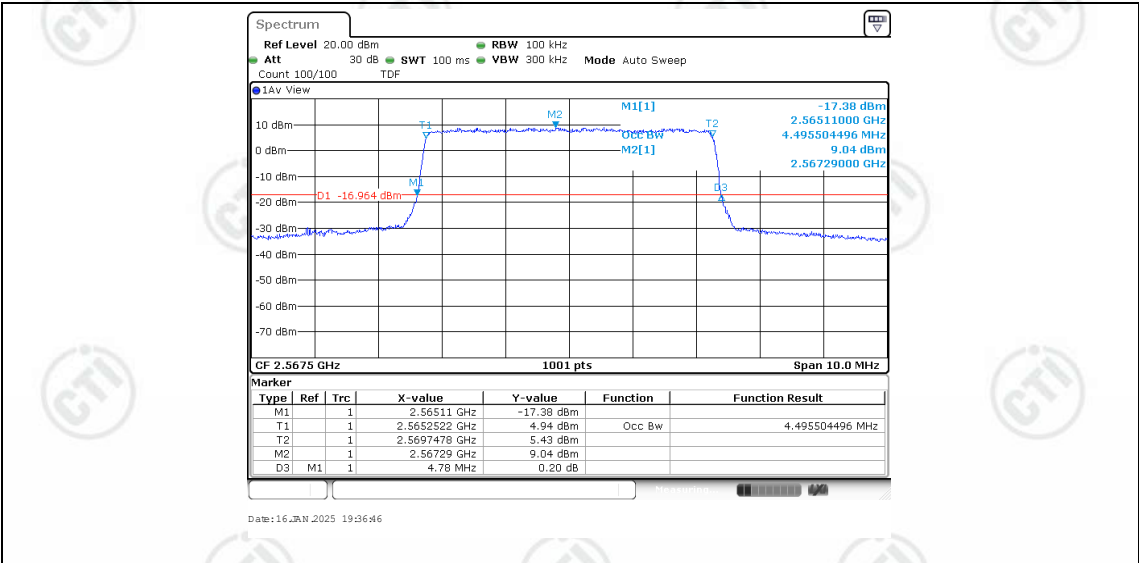
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.496	4.790	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	4.790	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	4.780	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.505	4.790	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.780	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.790	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.533	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.533	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.567	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.985	9.533	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.985	9.533	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.985	9.533	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.428	14.300	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.300	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.478	14.300	PASS

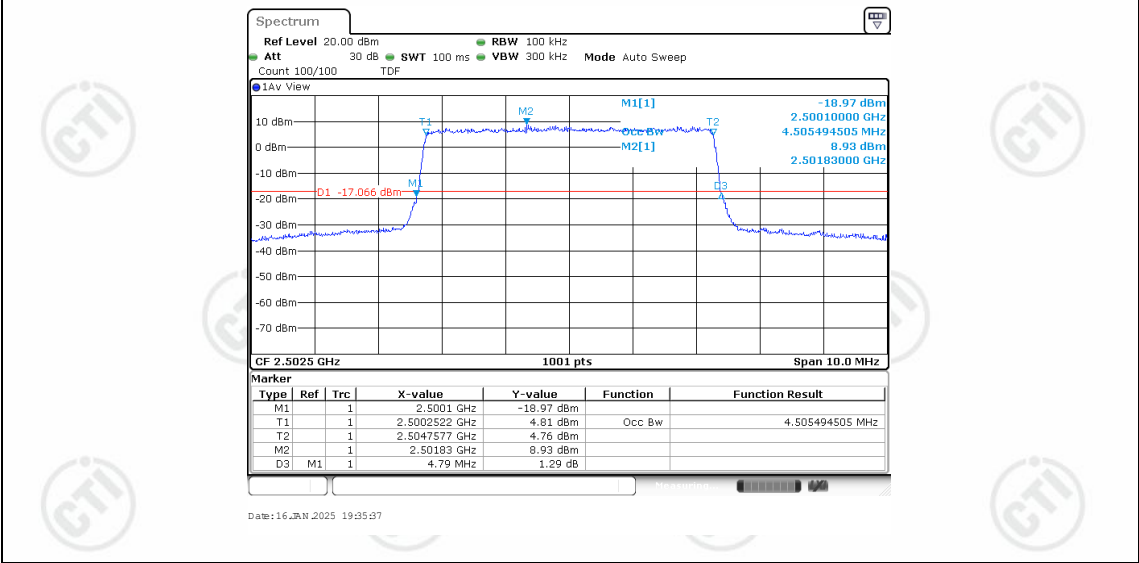
Band7	15MHz	16QAM	20825	75RB#0	13.428	14.300	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.300	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.300	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.97	19.333	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.103	19.333	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.037	19.333	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.97	19.333	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.037	19.333	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.037	19.333	PASS

Test Graphs

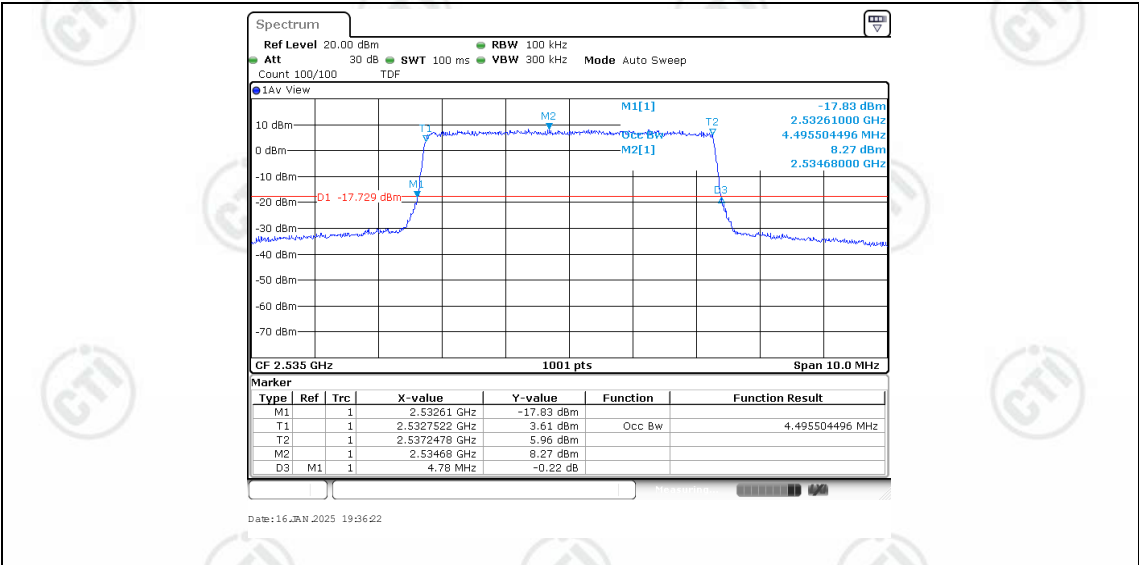




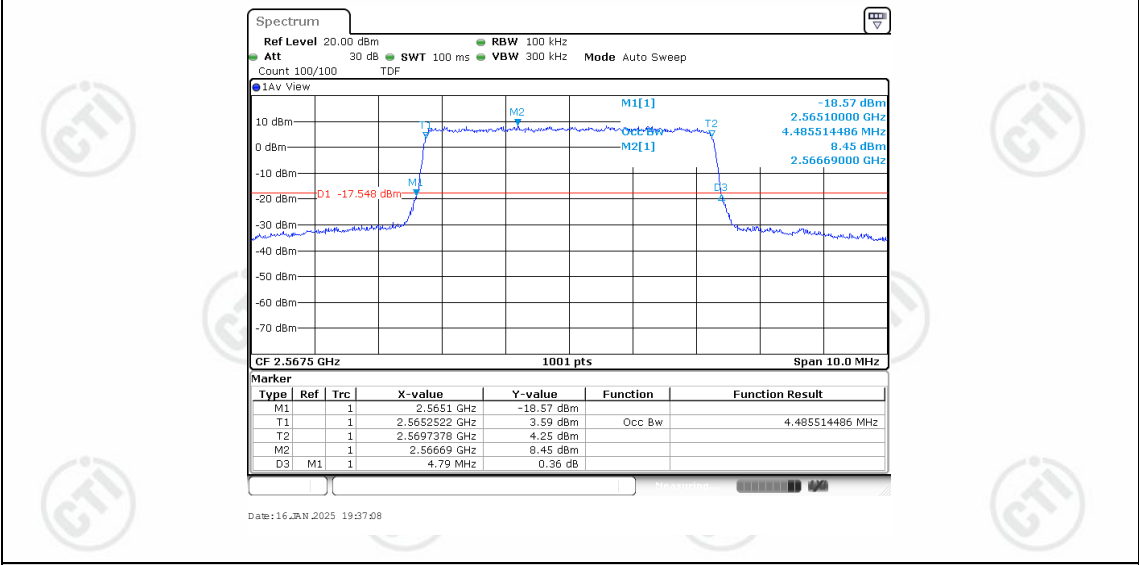
Band7-5MHz-QPSK-21425-25RB#0-4.496



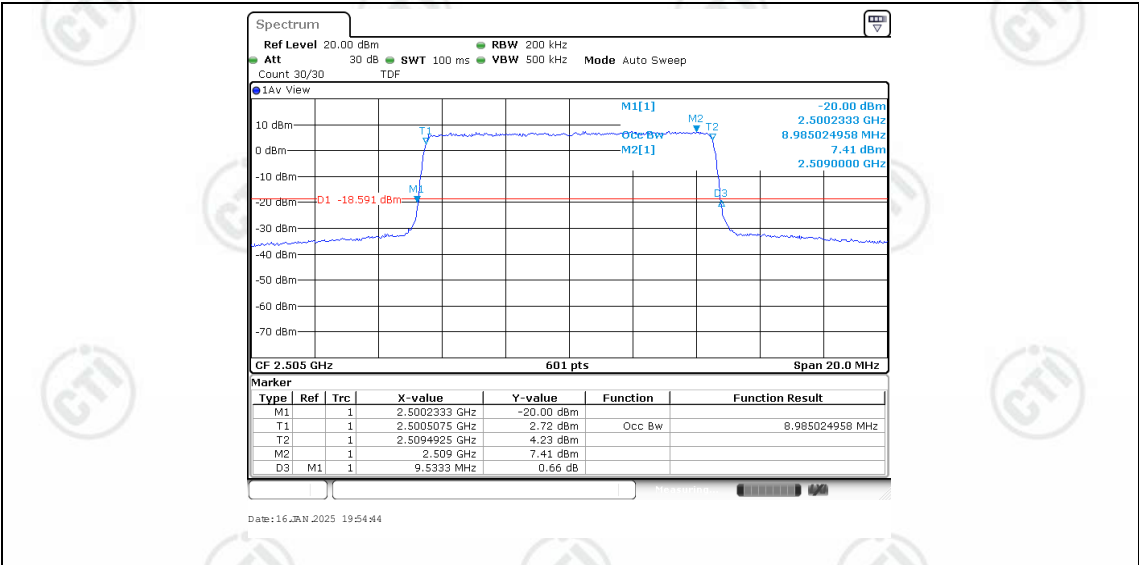
Band7-5MHz-16QAM-20775-25RB#0-4.505



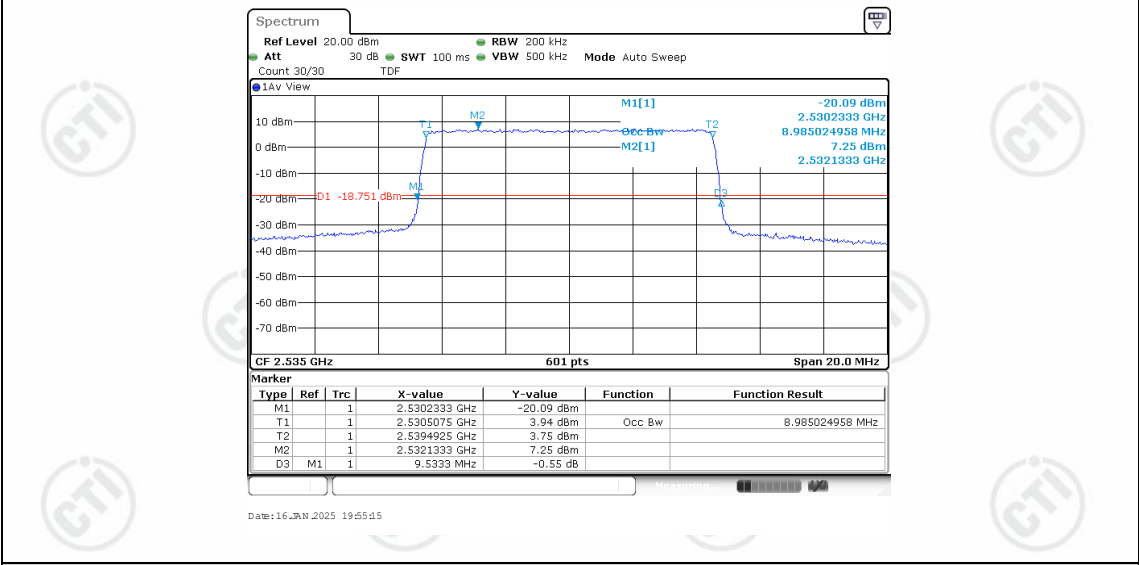
Band7-5MHz-16QAM-21100-25RB#0-4.496



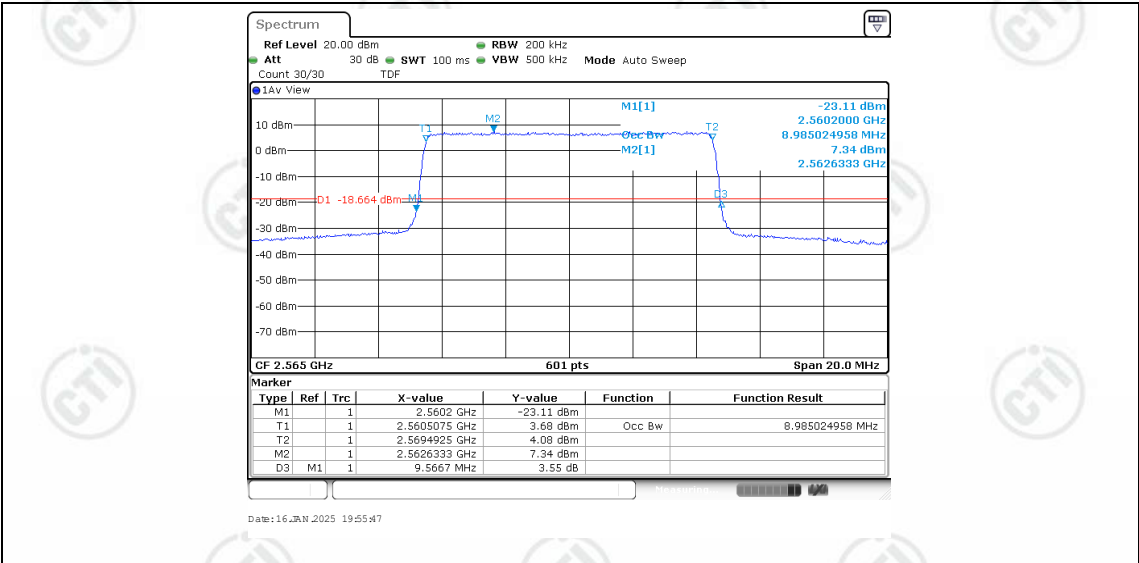
Band7-5MHz-16QAM-21425-25RB#0-4.486



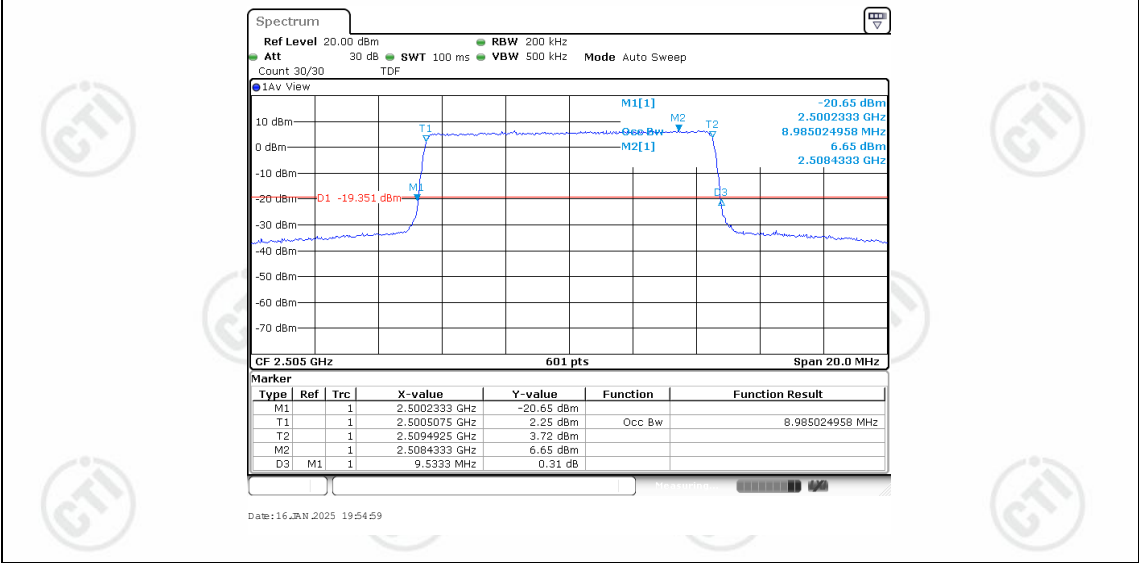
Band7-10MHz-QPSK-20800-50RB#0-8.985



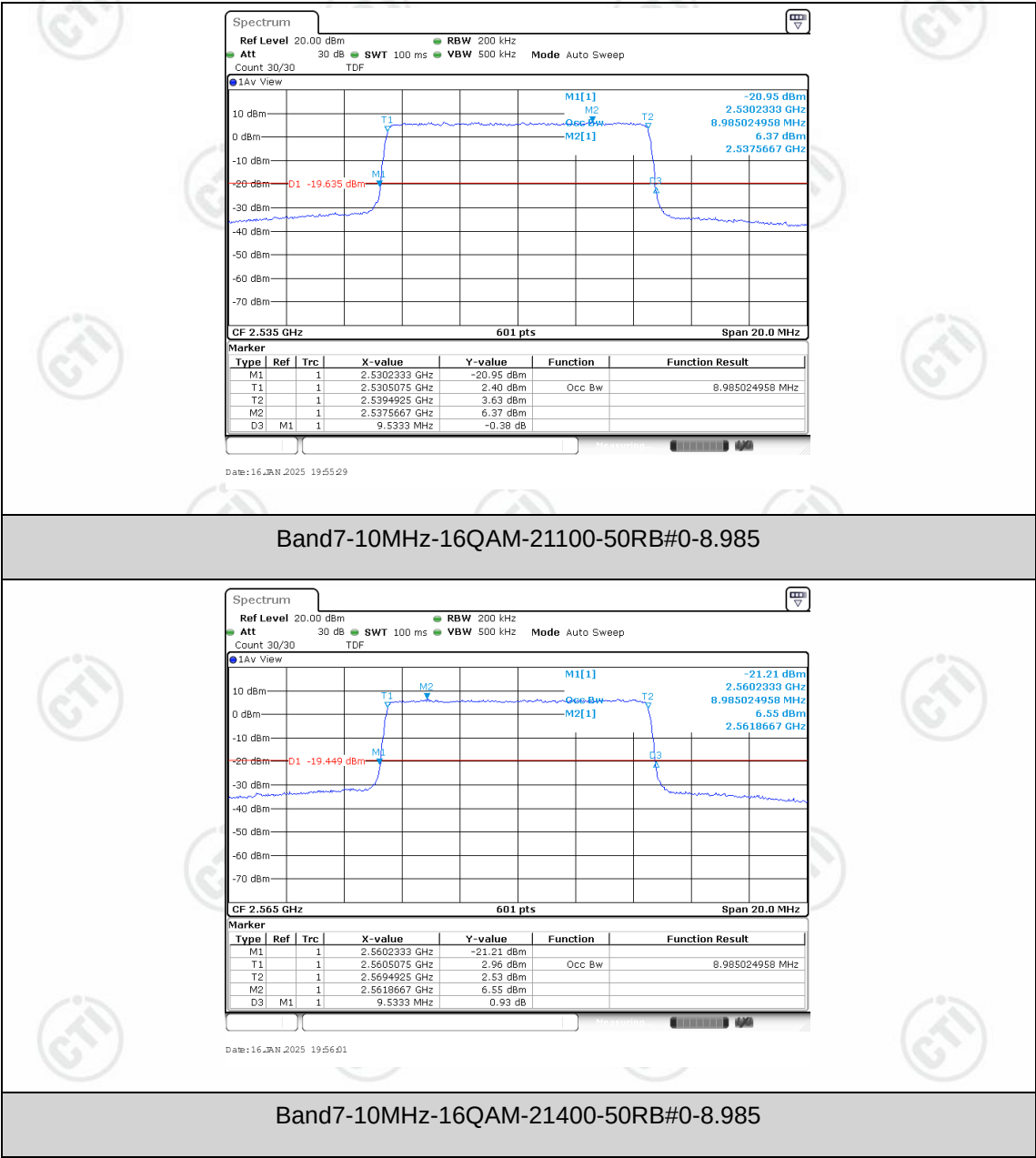
Band7-10MHz-QPSK-21100-50RB#0-8.985

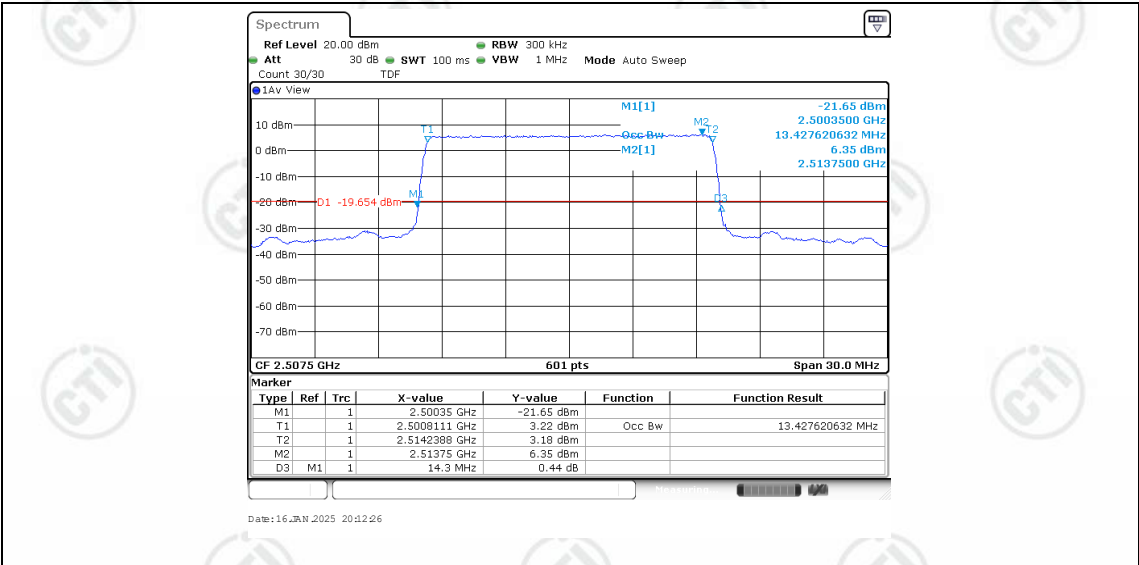


Band7-10MHz-QPSK-21400-50RB#0-8.985

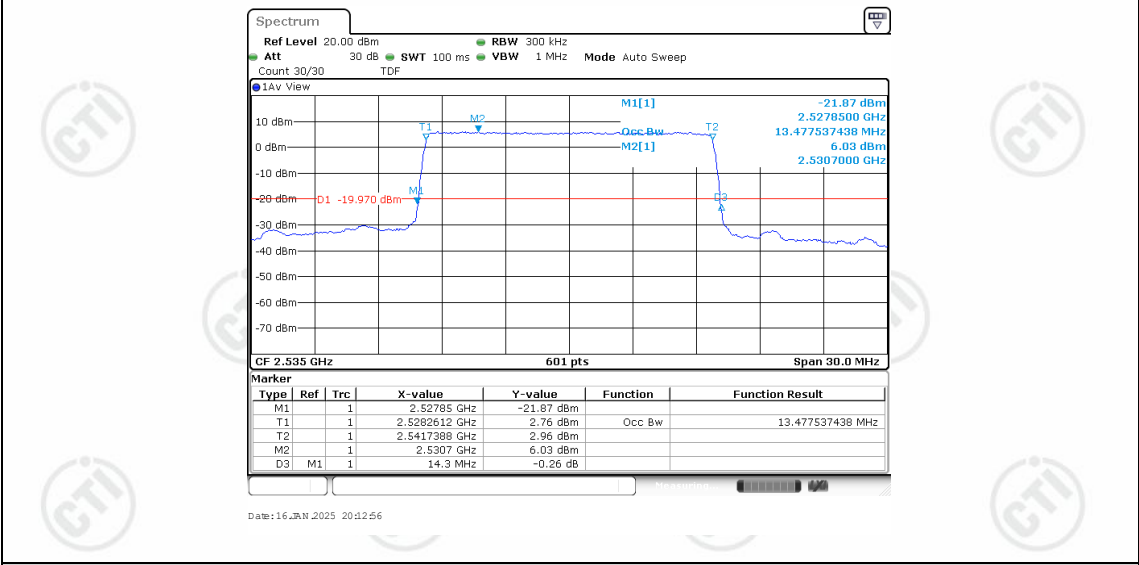


Band7-10MHz-16QAM-20800-50RB#0-8.985

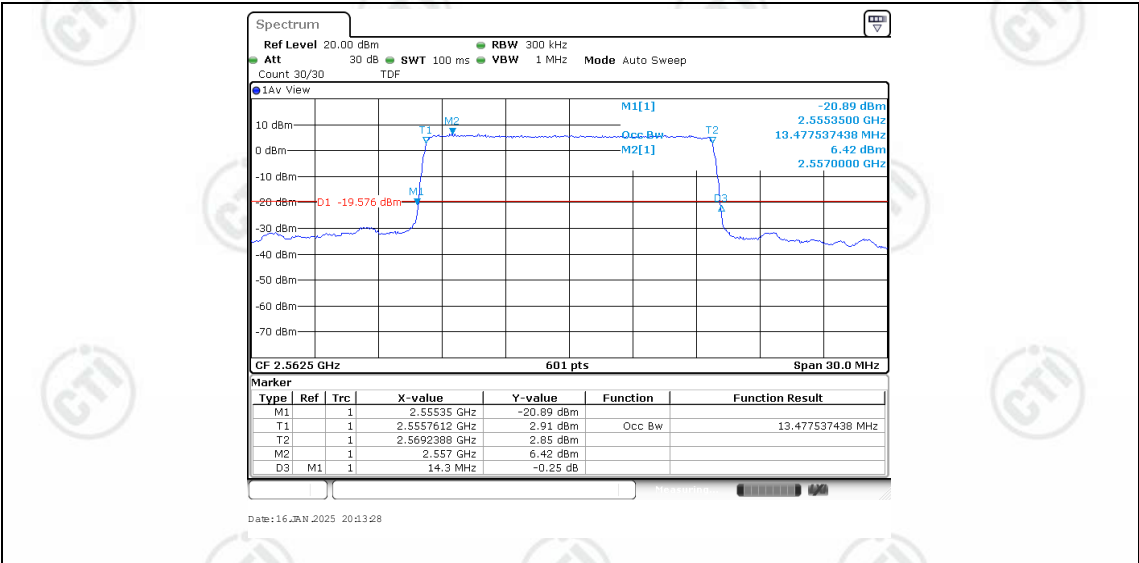




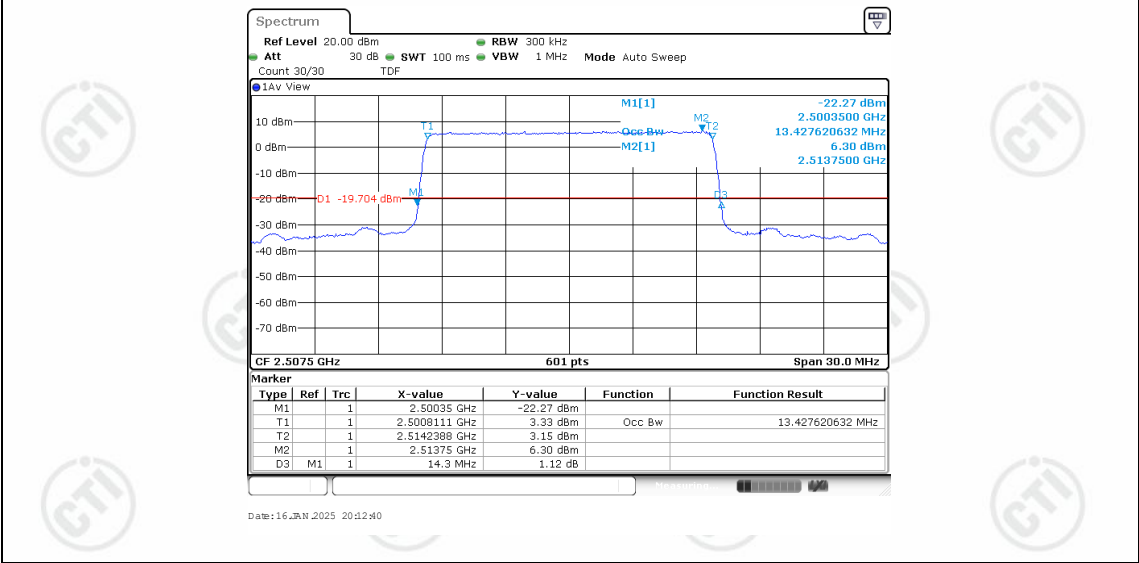
Band7-15MHz-QPSK-20825-75RB#0-13.428



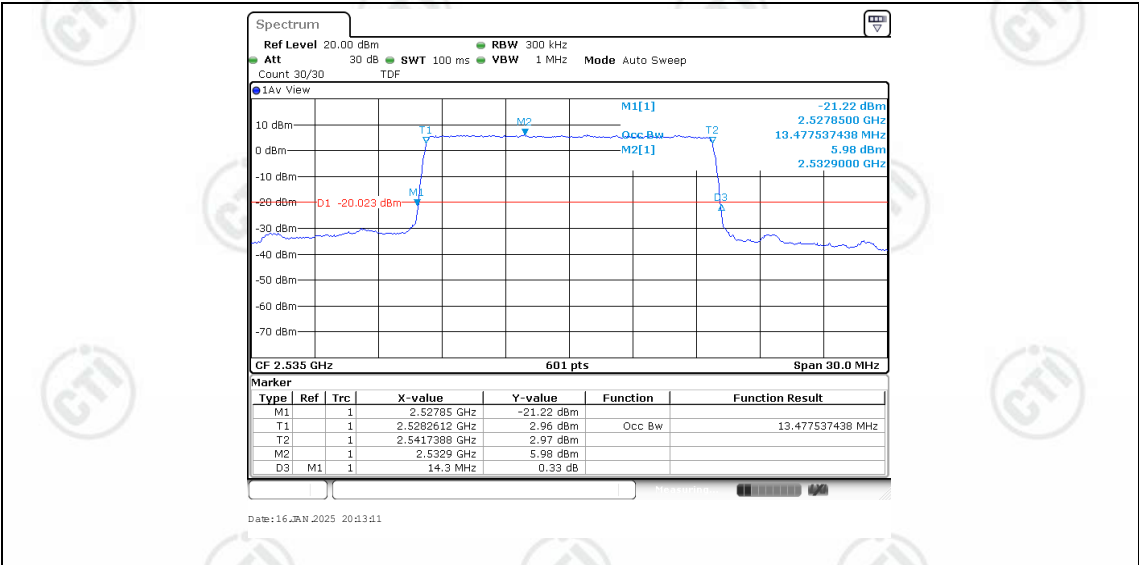
Band7-15MHz-QPSK-21100-75RB#0-13.478



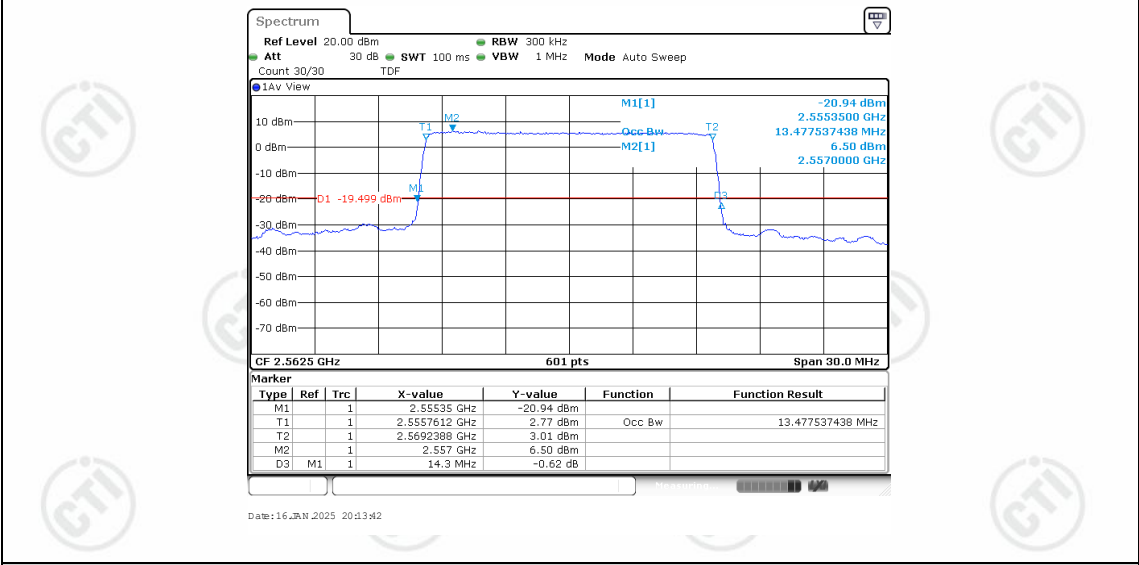
Band7-15MHz-QPSK-21375-75RB#0-13.478



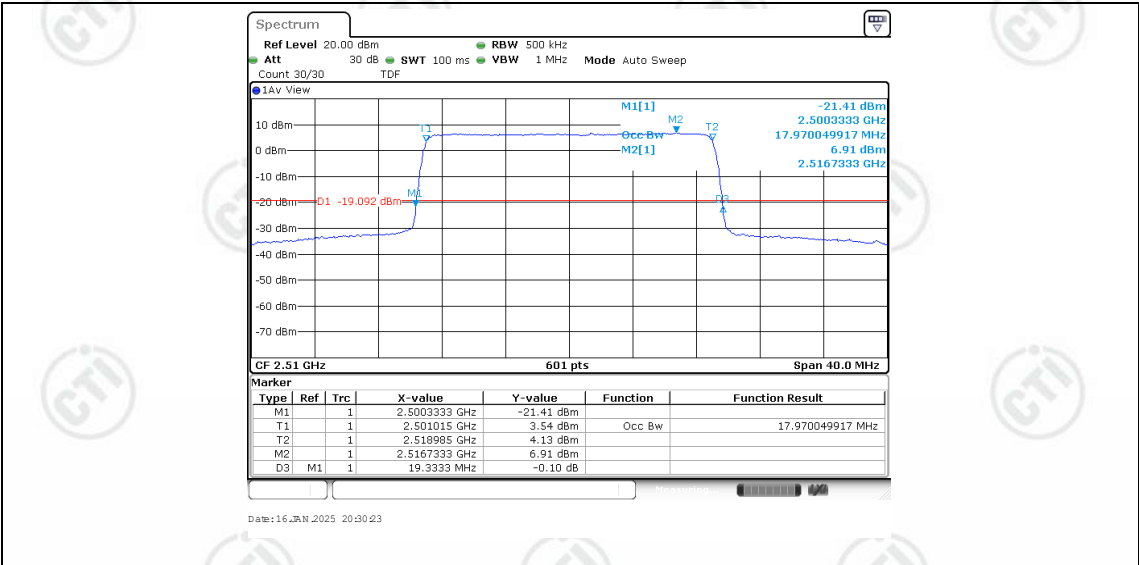
Band7-15MHz-16QAM-20825-75RB#0-13.428



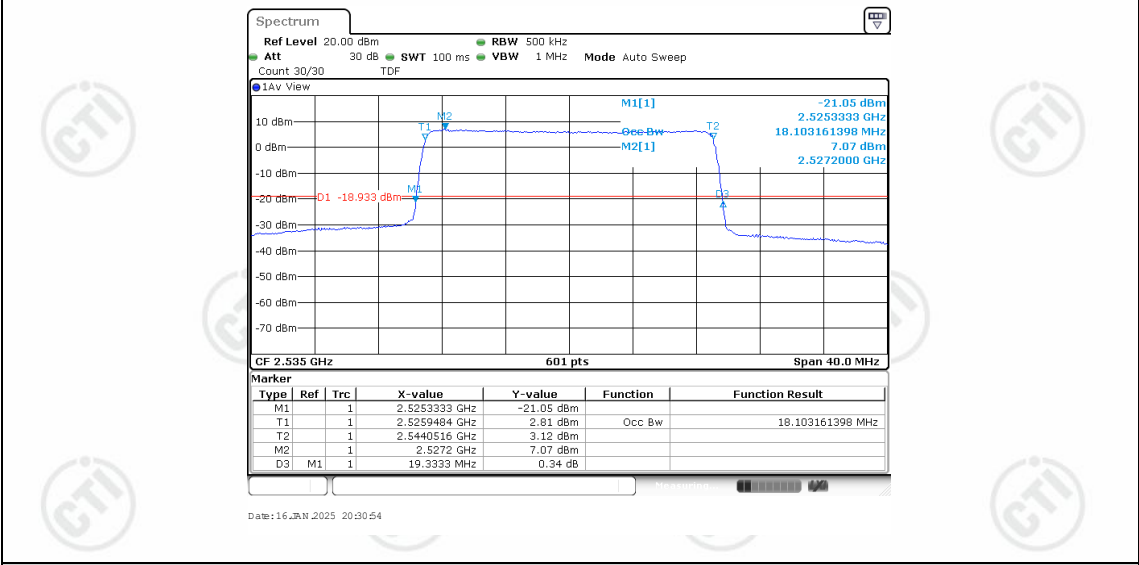
Band7-15MHz-16QAM-21100-75RB#0-13.478



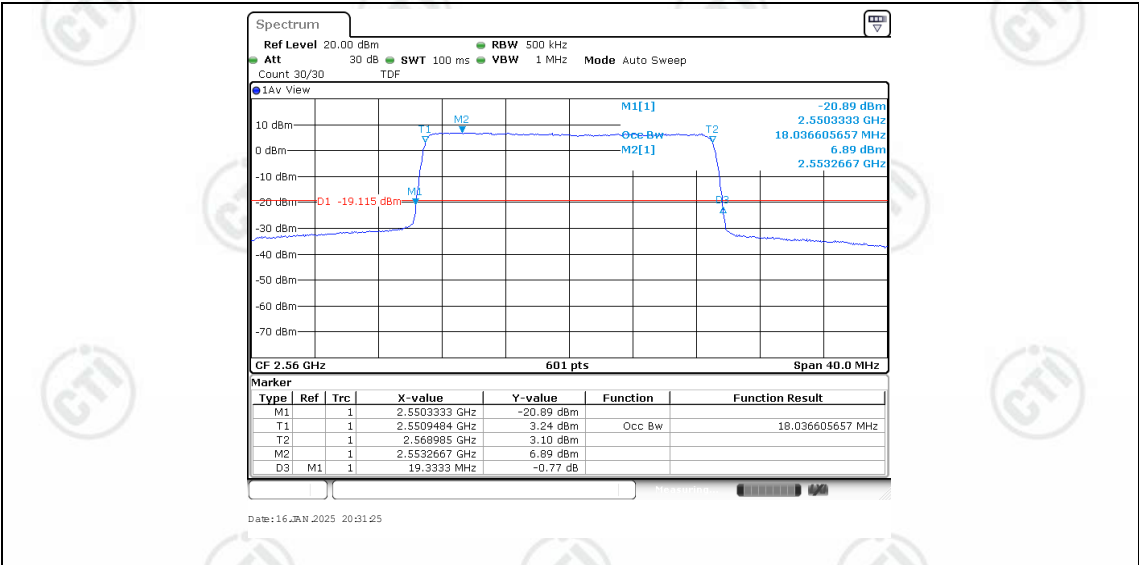
Band7-15MHz-16QAM-21375-75RB#0-13.478



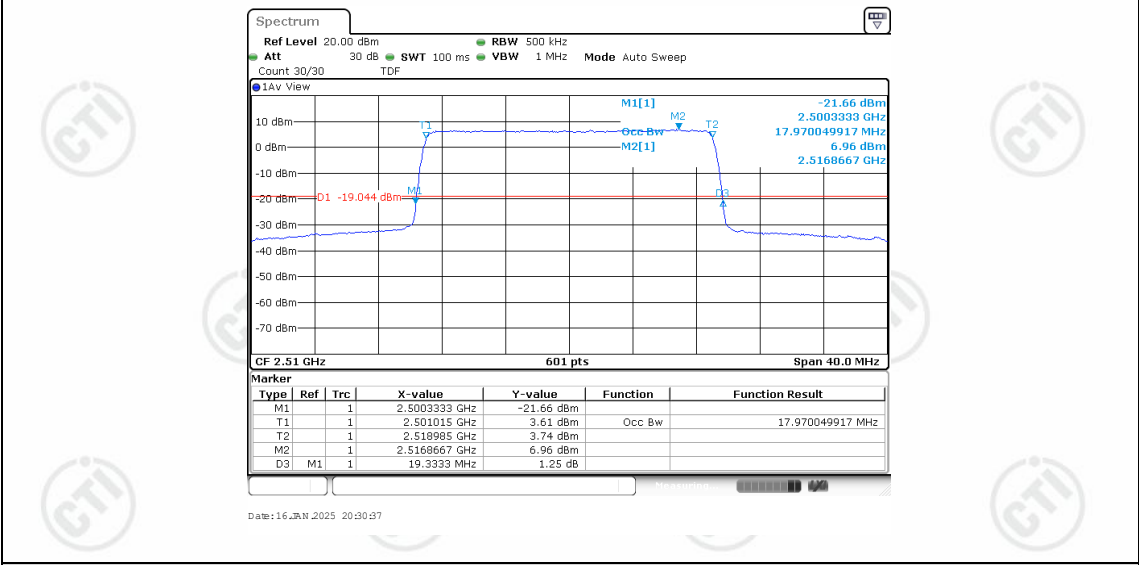
Band7-20MHz-QPSK-20850-100RB#0-17.97



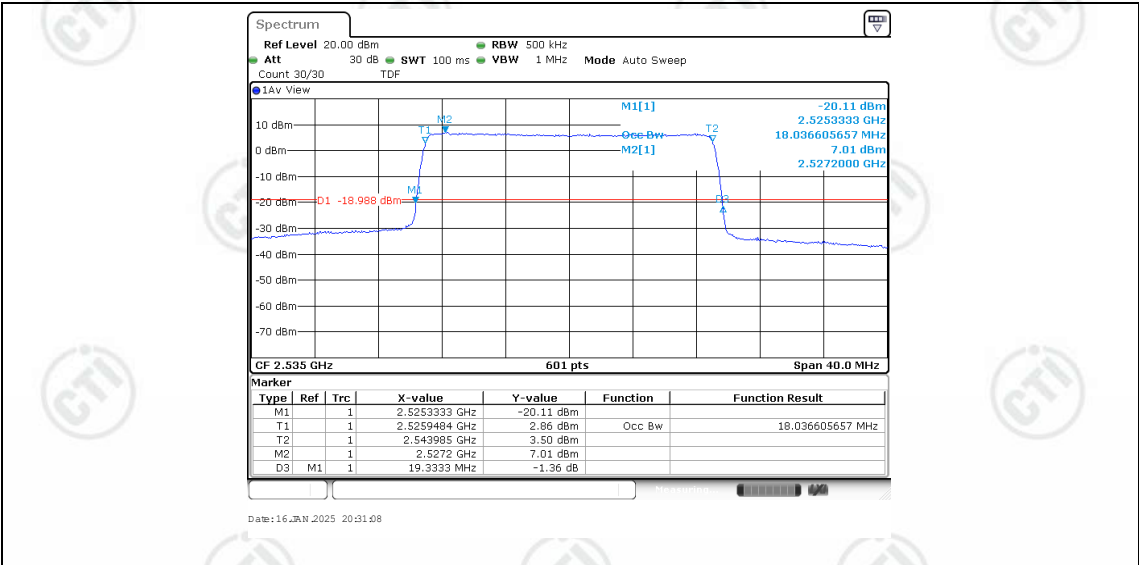
Band7-20MHz-QPSK-21100-100RB#0-18.103



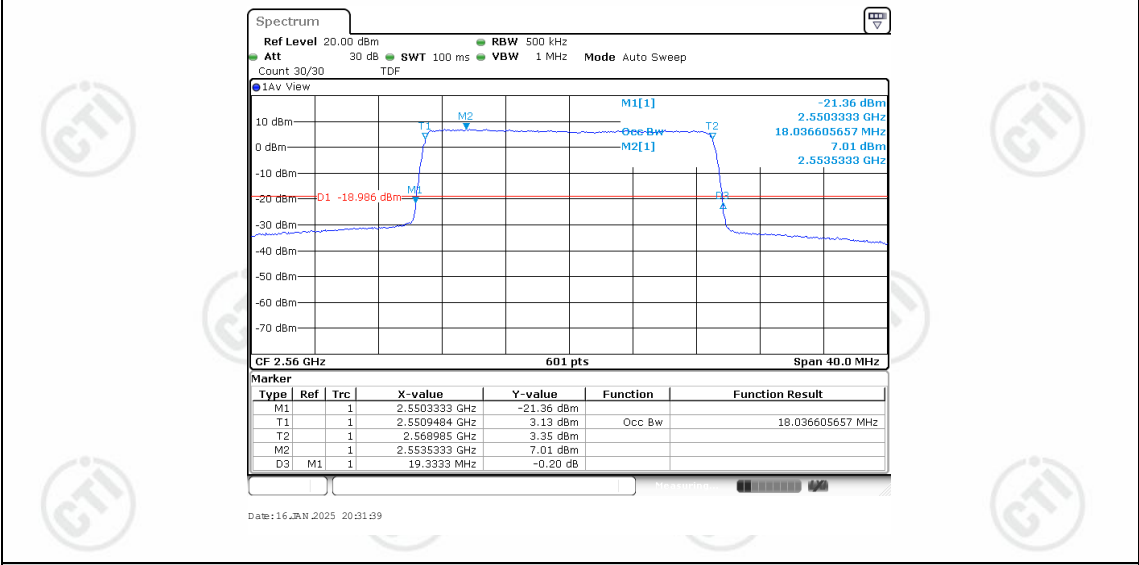
Band7-20MHz-QPSK-21350-100RB#0-18.037



Band7-20MHz-16QAM-20850-100RB#0-17.97



Band7-20MHz-16QAM-21100-100RB#0-18.037



Band7-20MHz-16QAM-21350-100RB#0-18.037

Appendix D: Band Edge

Test Result

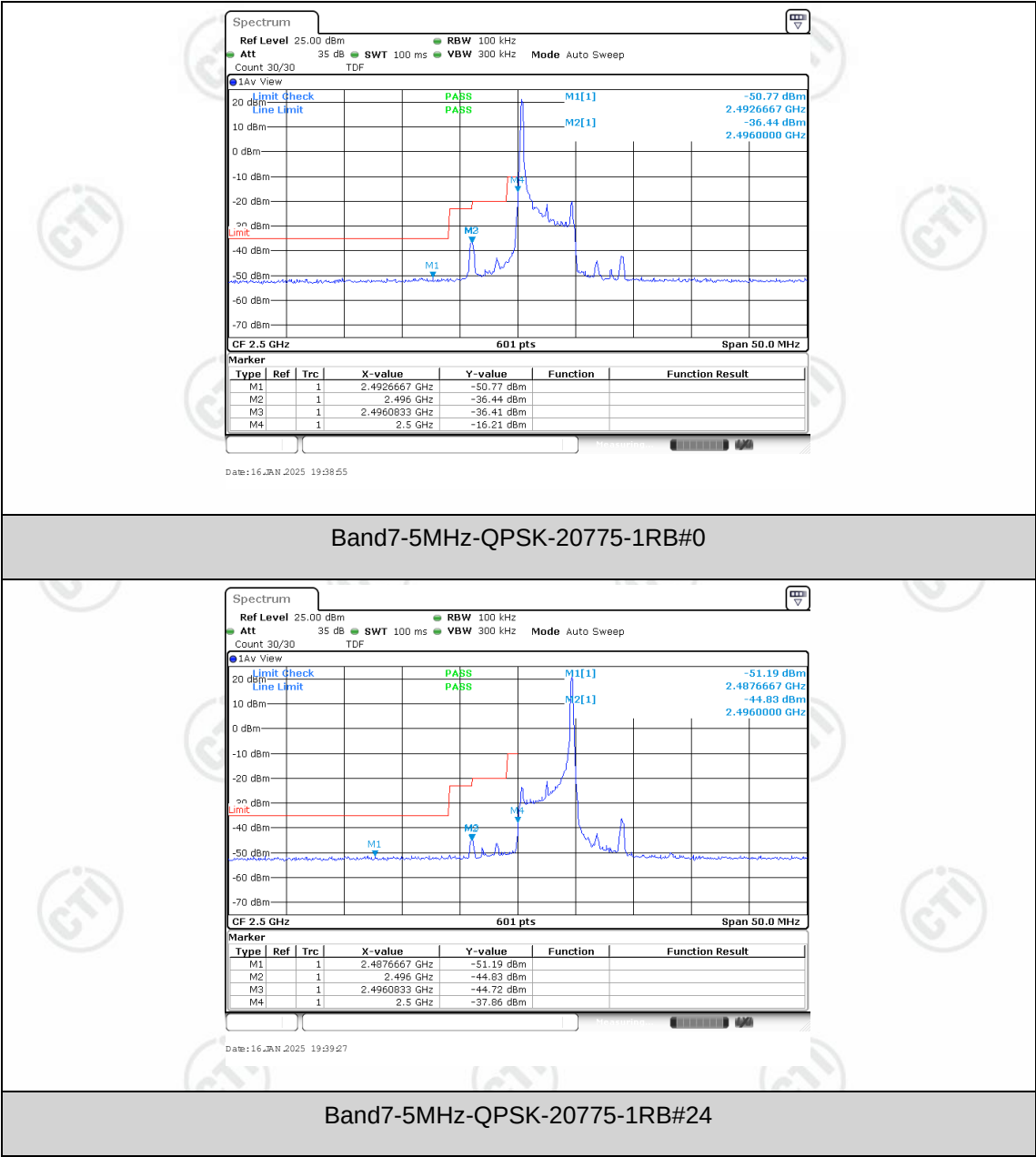
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-50.77,-36.44,-36.41,-16.21	PASS
Band7	5MHz	QPSK	20775	1RB#24	-51.19,-44.83,-44.72,-37.86	PASS
Band7	5MHz	QPSK	20775	25RB#0	-45.28,-36.89,-33.67,-26.70	PASS
Band7	5MHz	QPSK	21425	1RB#0	-37.76,-41.12,-51.18,-50.15	PASS
Band7	5MHz	QPSK	21425	1RB#24	-15.55,-40.34,-51.02,-49.86	PASS
Band7	5MHz	QPSK	21425	25RB#0	-27.22,-32.78,-44.19,-45.95	PASS
Band7	5MHz	16QAM	20775	1RB#0	-50.64,-37.17,-37.17,-17.98	PASS
Band7	5MHz	16QAM	20775	1RB#24	-51.38,-49.37,-46.36,-38.10	PASS
Band7	5MHz	16QAM	20775	25RB#0	-46.42,-40.41,-32.62,-27.18	PASS
Band7	5MHz	16QAM	21425	1RB#0	-37.76,-46.01,-51.39,-50.55	PASS

Band7	5MHz	16QAM	21425	1RB#24	-18.31,-41.23,-50 .63,-48.30	PASS
Band7	5MHz	16QAM	21425	25RB#0	-26.84,-33.18,-44 .22,-46.04	PASS
Band7	10MHz	QPSK	20800	1RB#0	-48.99,-40.28,-41 .27,-22.24	PASS
Band7	10MHz	QPSK	20800	1RB#49	-49.26,-41.34,-42 .56,-42.05	PASS
Band7	10MHz	QPSK	20800	50RB#0	-43.90,-35.38,-33 .04,-30.59	PASS
Band7	10MHz	QPSK	21400	1RB#0	-41.19,-42.93,-41 .46,-48.96	PASS
Band7	10MHz	QPSK	21400	1RB#49	-22.07,-41.89,-44 .14,-48.73	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.78,-31.64,-35 .20,-43.80	PASS
Band7	10MHz	16QAM	20800	1RB#0	-48.87,-42.03,-42 .73,-23.66	PASS
Band7	10MHz	16QAM	20800	1RB#49	-48.77,-37.02,-42 .86,-42.94	PASS
Band7	10MHz	16QAM	20800	50RB#0	-43.30,-35.82,-33 .88,-30.98	PASS
Band7	10MHz	16QAM	21400	1RB#0	-42.76,-42.33,-44 .35,-48.77	PASS
Band7	10MHz	16QAM	21400	1RB#49	-22.46,-42.40,-44 .30,-48.70	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.58,-32.44,-36 .47,-43.61	PASS

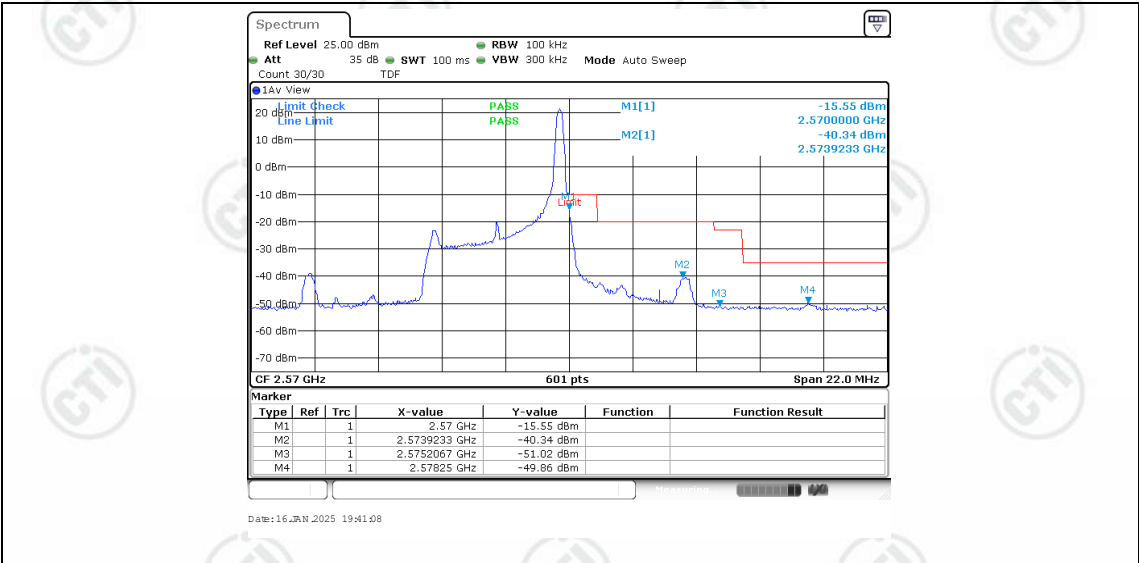
Band7	15MHz	QPSK	20825	1RB#0	-41.37,-39.21,-43 .50,-25.04	PASS
Band7	15MHz	QPSK	20825	1RB#74	-41.68,-43.43,-46 .93,-44.32	PASS
Band7	15MHz	QPSK	20825	75RB#0	-35.99,-32.98,-30 .76,-31.25	PASS
Band7	15MHz	QPSK	21375	1RB#0	-43.31,-46.94,-41 .54,-47.49	PASS
Band7	15MHz	QPSK	21375	1RB#74	-25.31,-43.45,-41 .13,-47.70	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.92,-29.69,-31 .84,-42.38	PASS
Band7	15MHz	16QAM	20825	1RB#0	-41.90,-40.47,-43 .97,-26.66	PASS
Band7	15MHz	16QAM	20825	1RB#74	-39.73,-44.07,-46 .86,-45.02	PASS
Band7	15MHz	16QAM	20825	75RB#0	-38.70,-33.88,-31 .54,-31.17	PASS
Band7	15MHz	16QAM	21375	1RB#0	-44.01,-47.27,-41 .98,-47.62	PASS
Band7	15MHz	16QAM	21375	1RB#74	-25.14,-42.34,-40 .73,-47.35	PASS
Band7	15MHz	16QAM	21375	75RB#0	-31.30,-31.88,-33 .99,-43.20	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.11,-37.51,-41 .50,-24.24	PASS
Band7	20MHz	QPSK	20850	1RB#99	-37.13,-38.02,-44 .37,-42.31	PASS

Band7	20MHz	QPSK	20850	100RB#0	-35.04,-33.07,-31.45,-29.73	PASS
Band7	20MHz	QPSK	21350	1RB#0	-42.64,-44.65,-37.44,-46.10	PASS
Band7	20MHz	QPSK	21350	1RB#99	-24.15,-41.49,-37.30,-46.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.57,-31.92,-33.80,-43.49	PASS
Band7	20MHz	16QAM	20850	1RB#0	-42.76,-37.09,-41.90,-25.29	PASS
Band7	20MHz	16QAM	20850	1RB#99	-35.03,-37.16,-44.29,-42.83	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.49,-33.25,-31.86,-30.52	PASS
Band7	20MHz	16QAM	21350	1RB#0	-42.54,-44.77,-37.79,-45.96	PASS
Band7	20MHz	16QAM	21350	1RB#99	-24.93,-41.58,-37.77,-46.07	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.86,-32.63,-34.34,-43.67	PASS

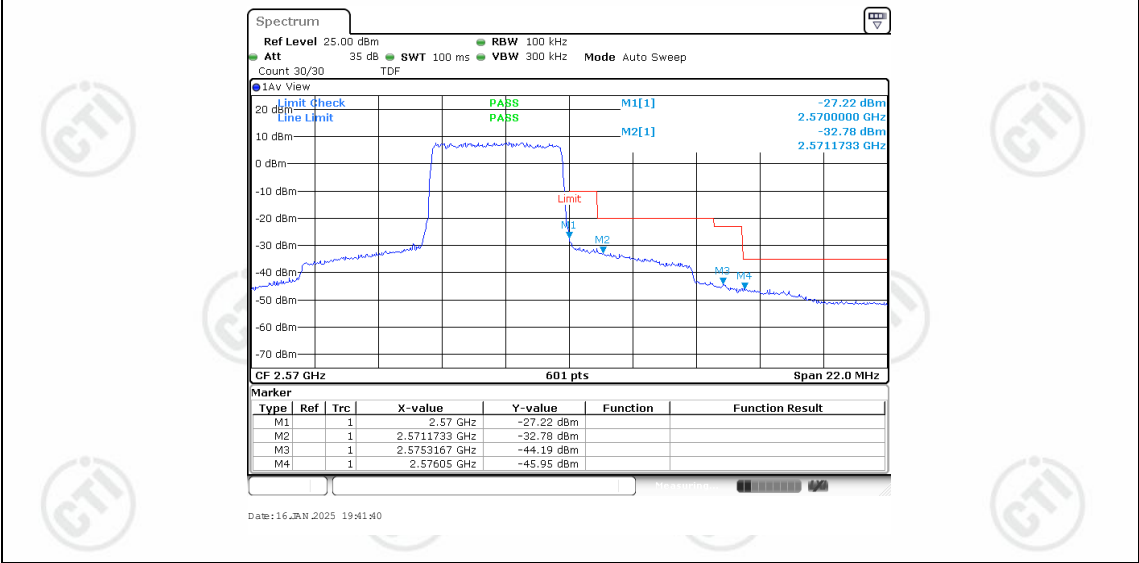
Test Graphs



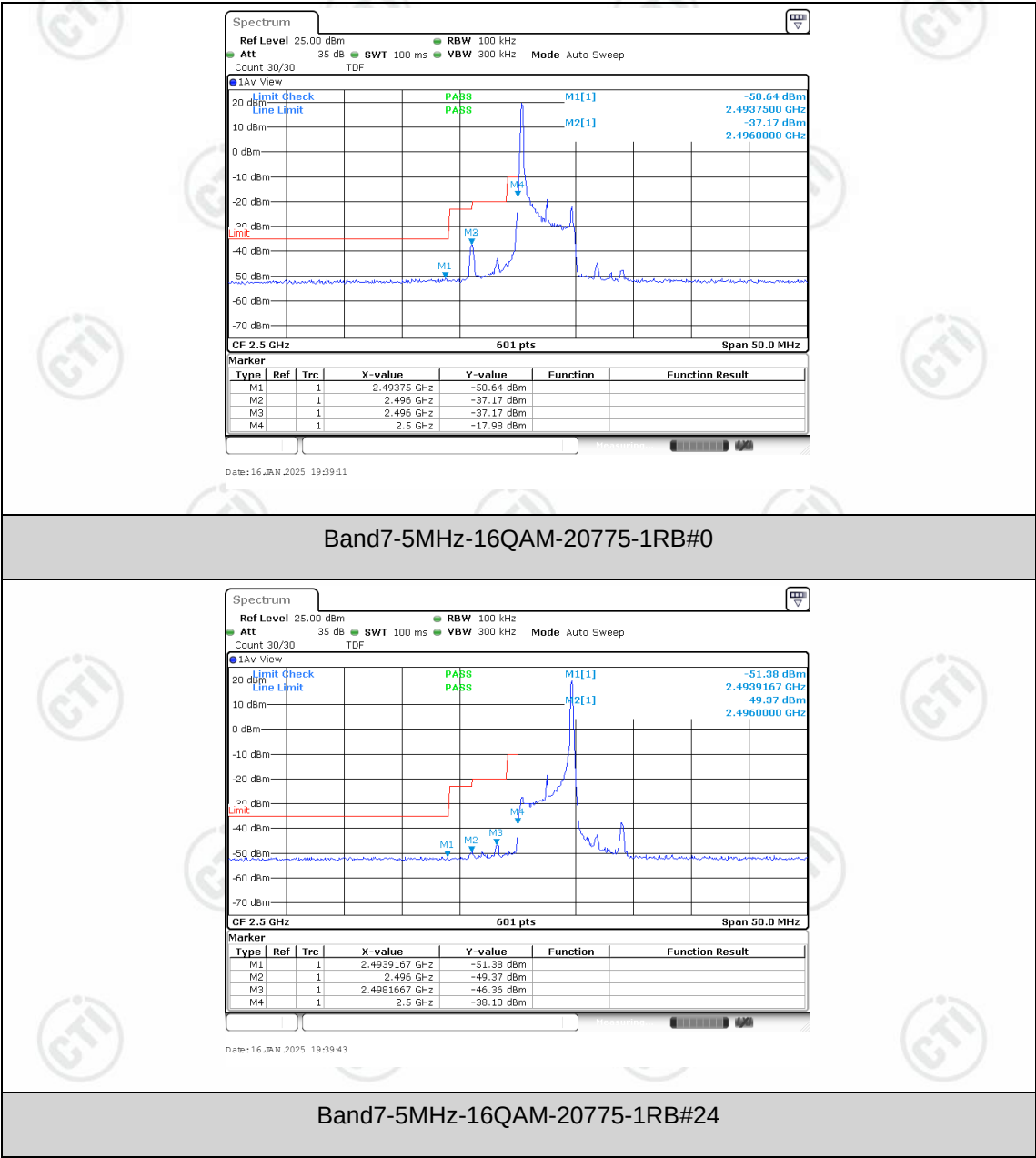


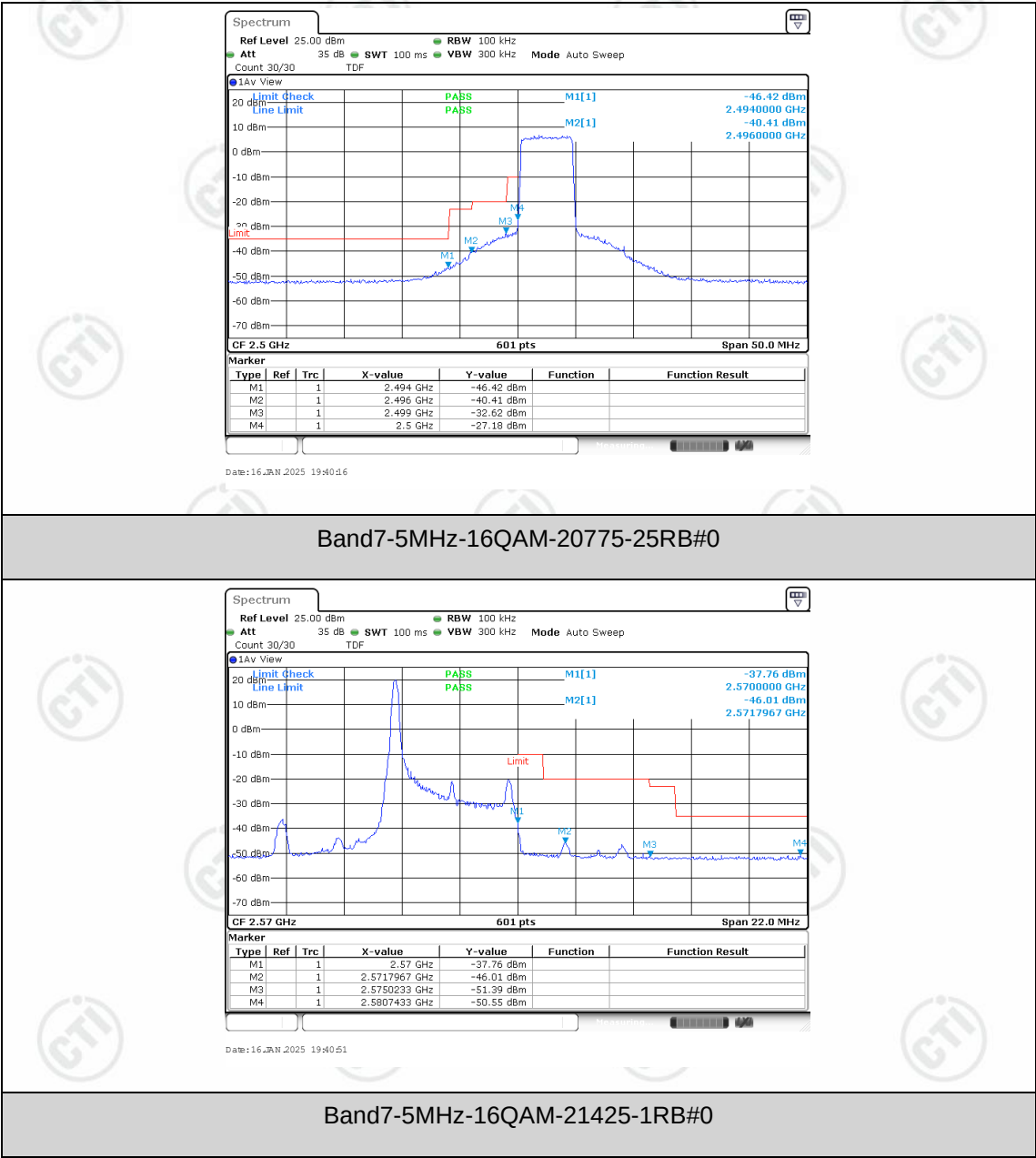


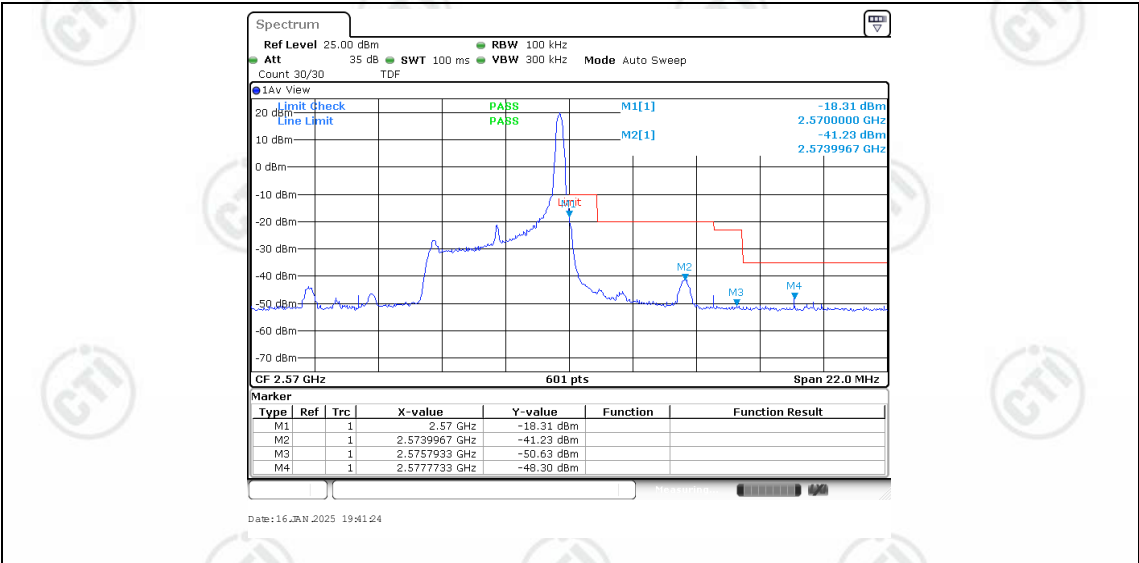
Band7-5MHz-QPSK-21425-1RB#24



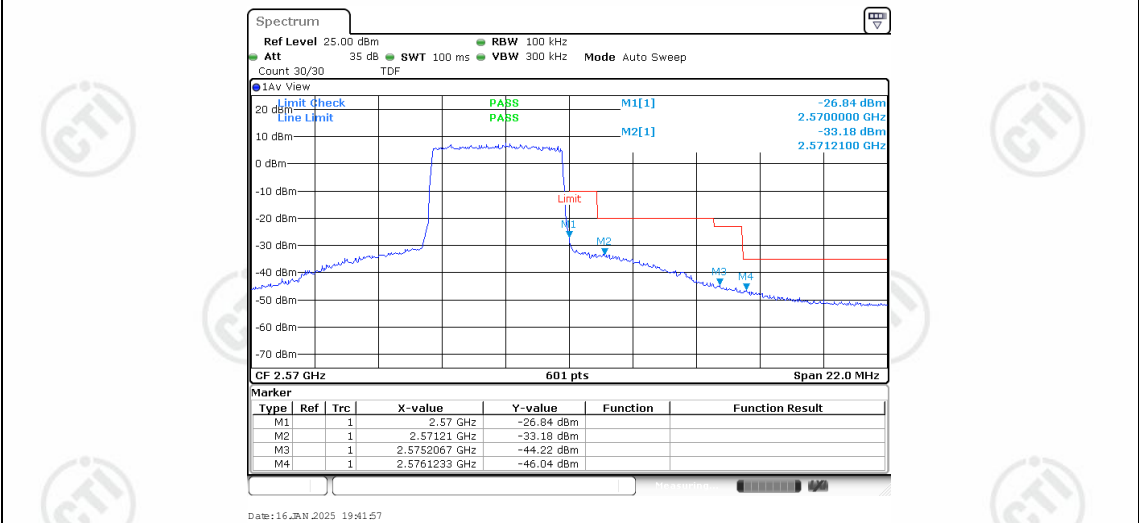
Band7-5MHz-QPSK-21425-25RB#0



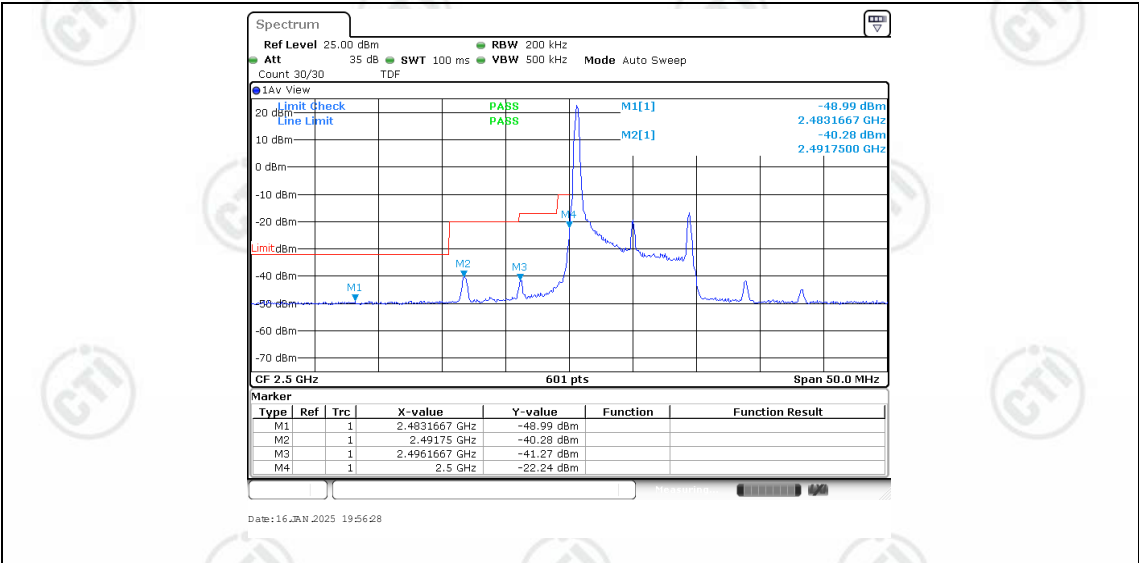




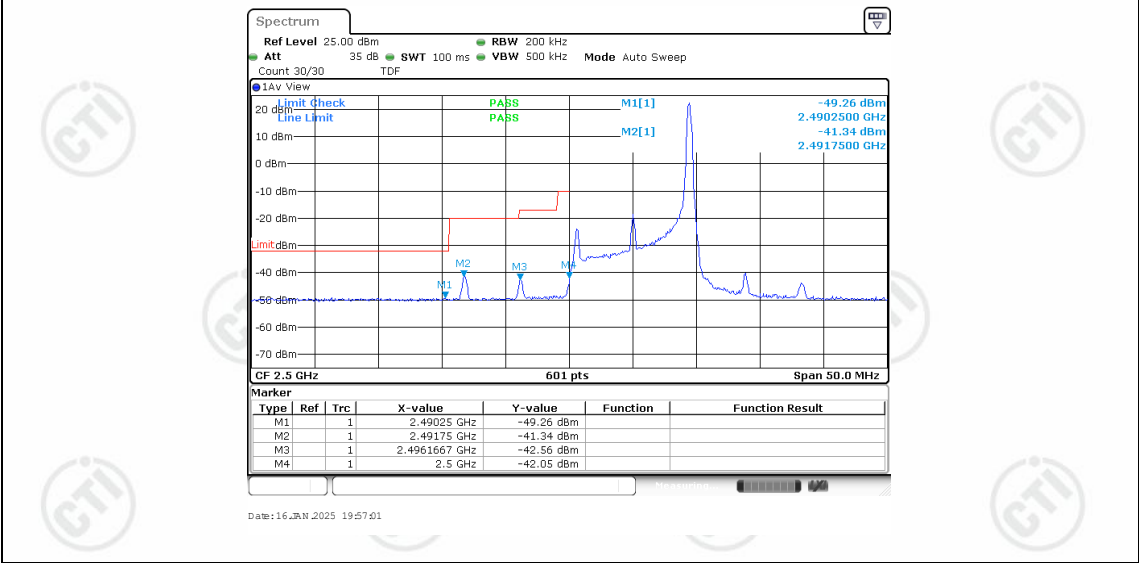
Band7-5MHz-16QAM-21425-1RB#24



Band7-5MHz-16QAM-21425-25RB#0

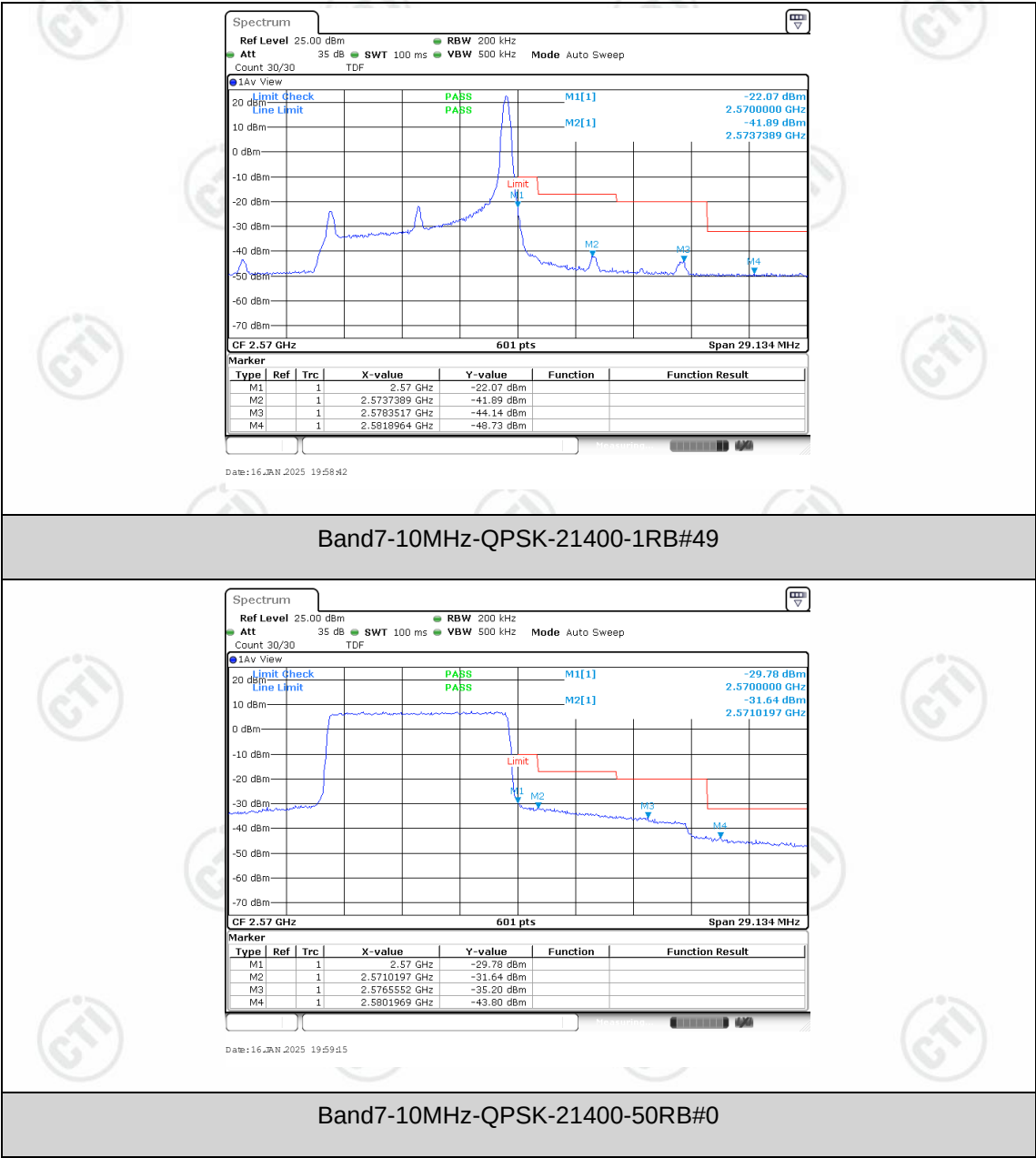


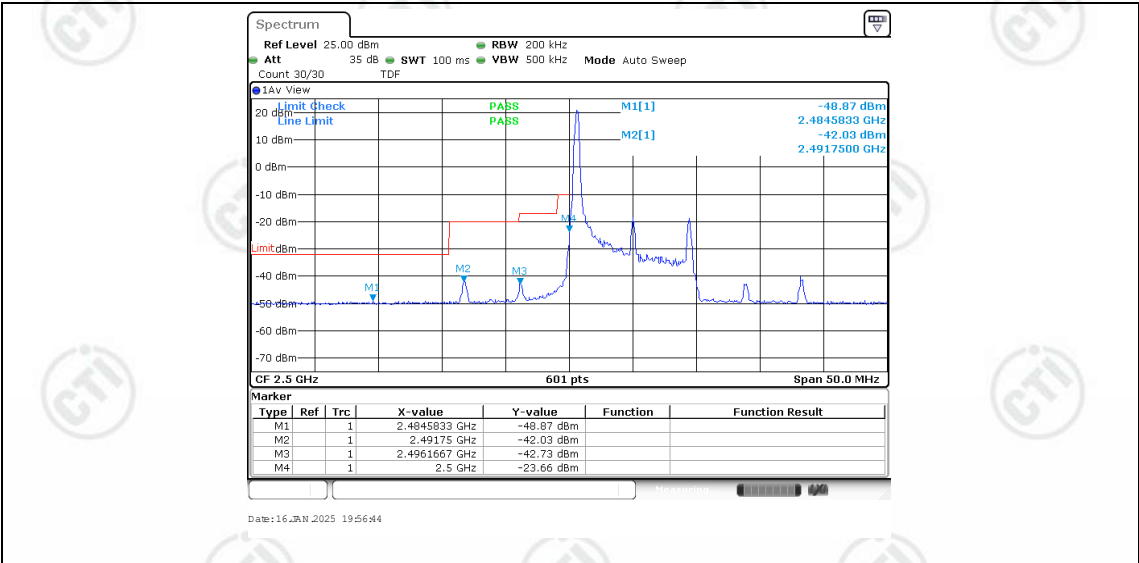
Band7-10MHz-QPSK-20800-1RB#0



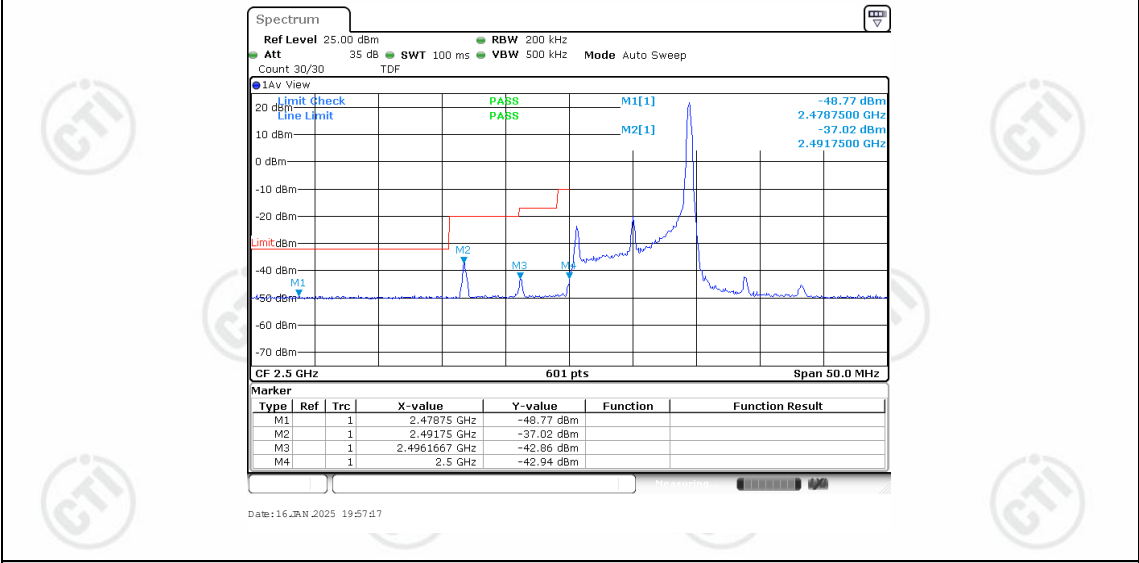
Band7-10MHz-QPSK-20800-1RB#49



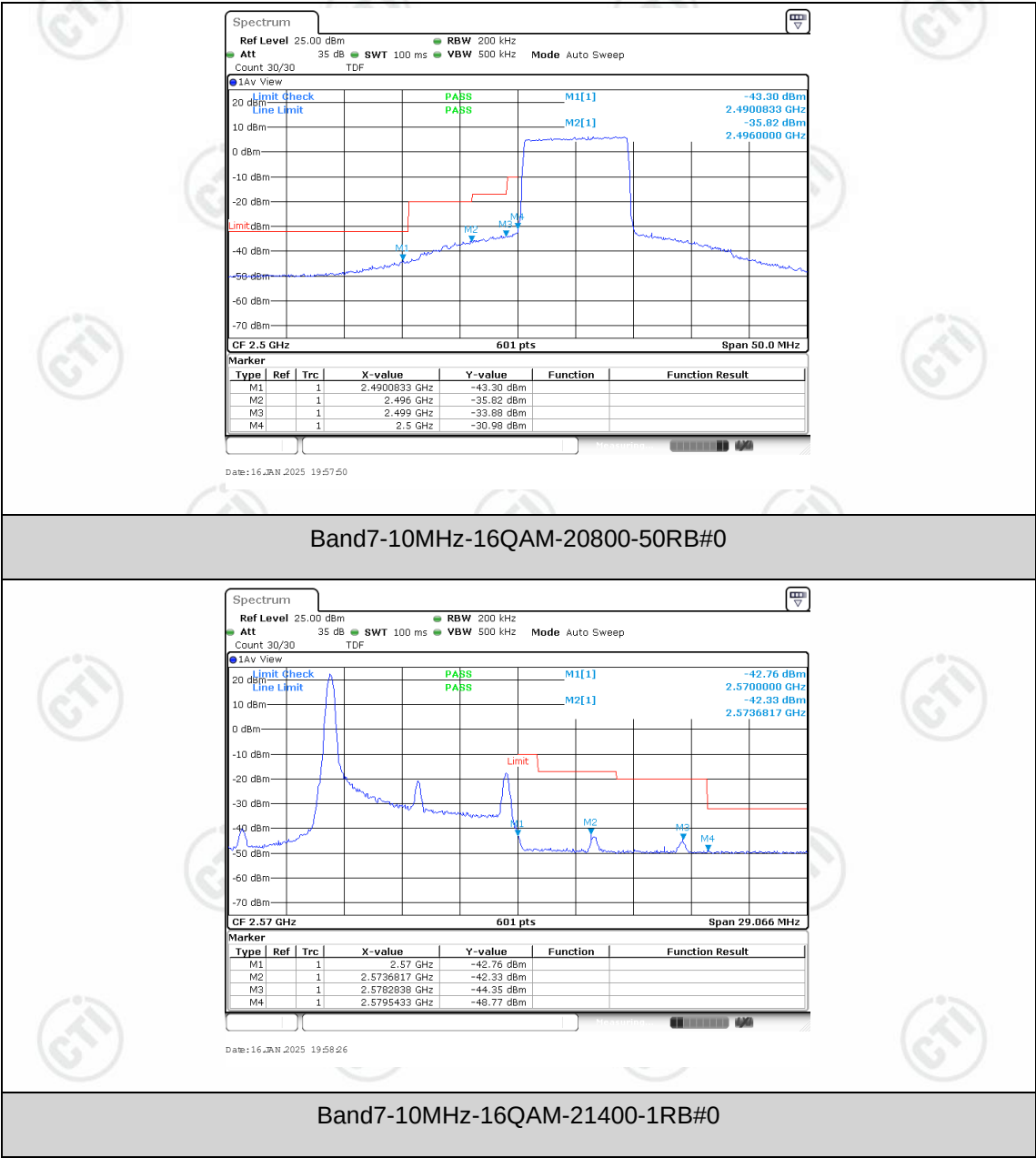


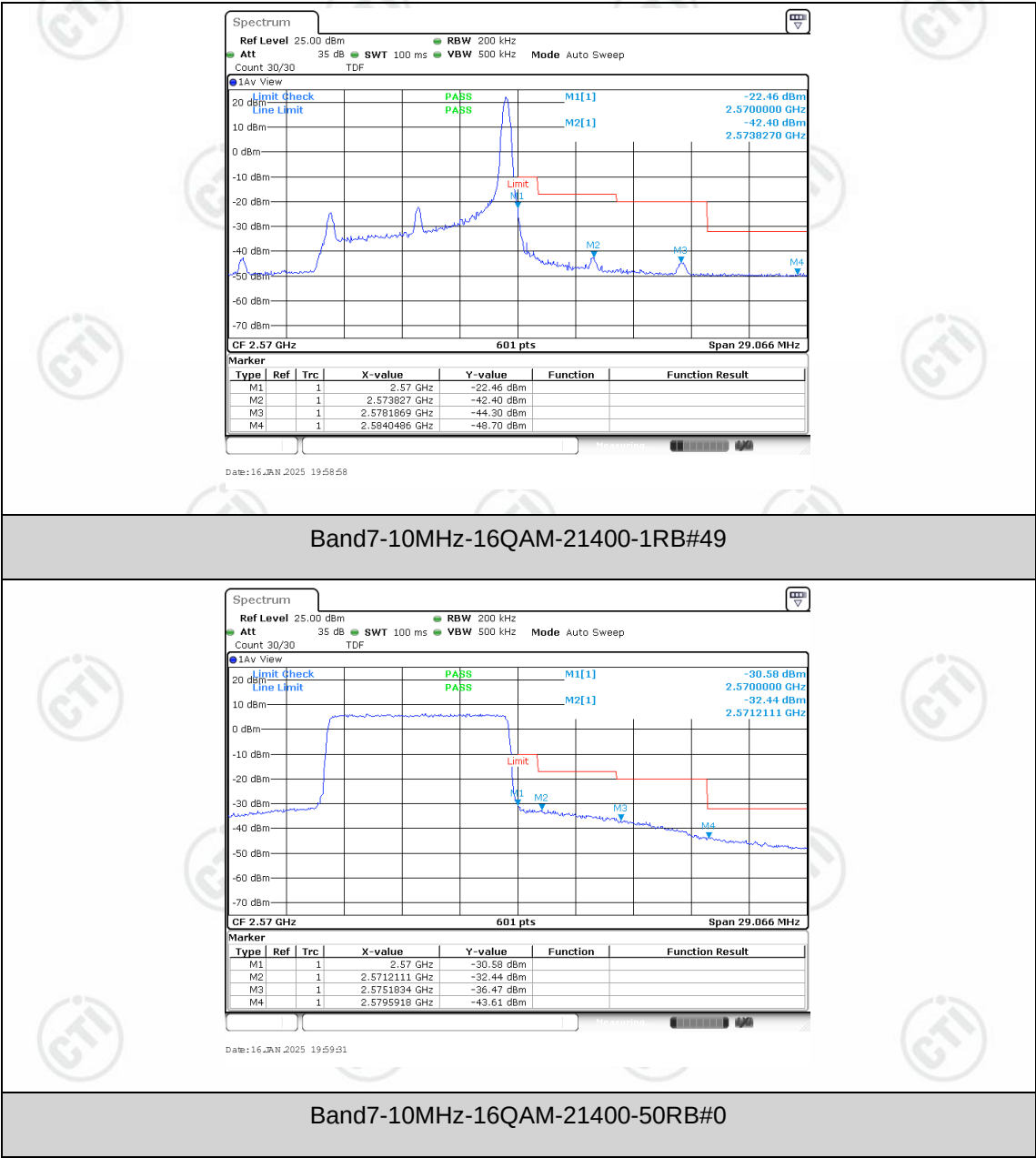


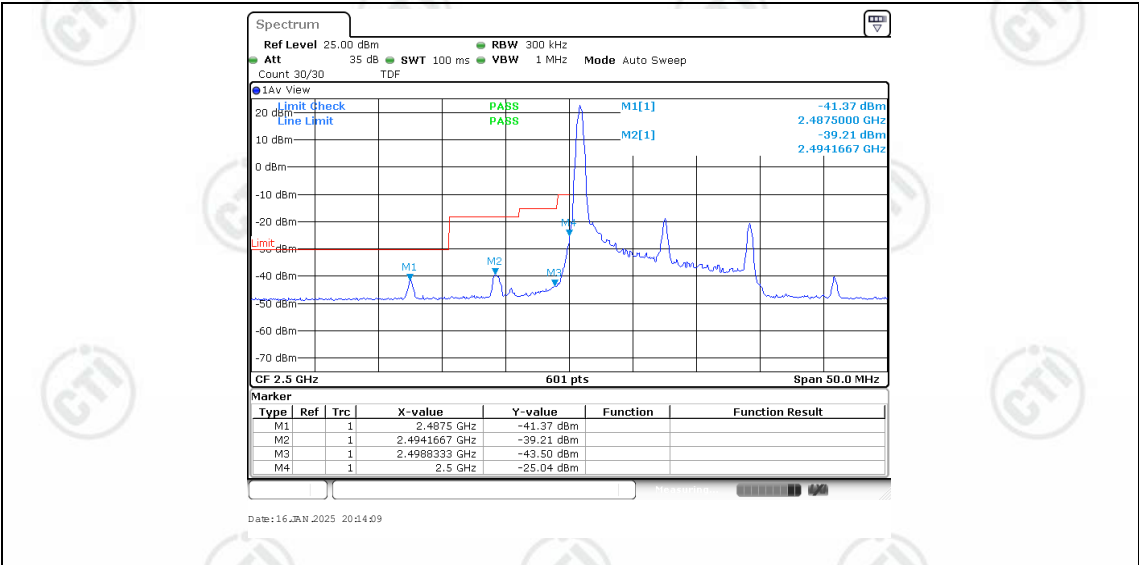
Band7-10MHz-16QAM-20800-1RB#0



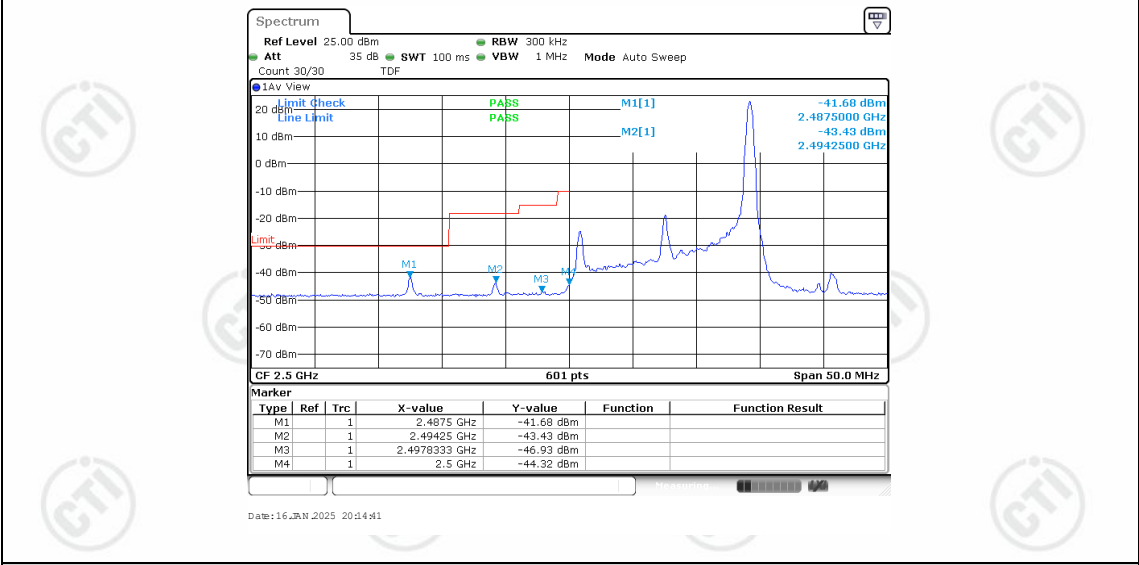
Band7-10MHz-16QAM-20800-1RB#49



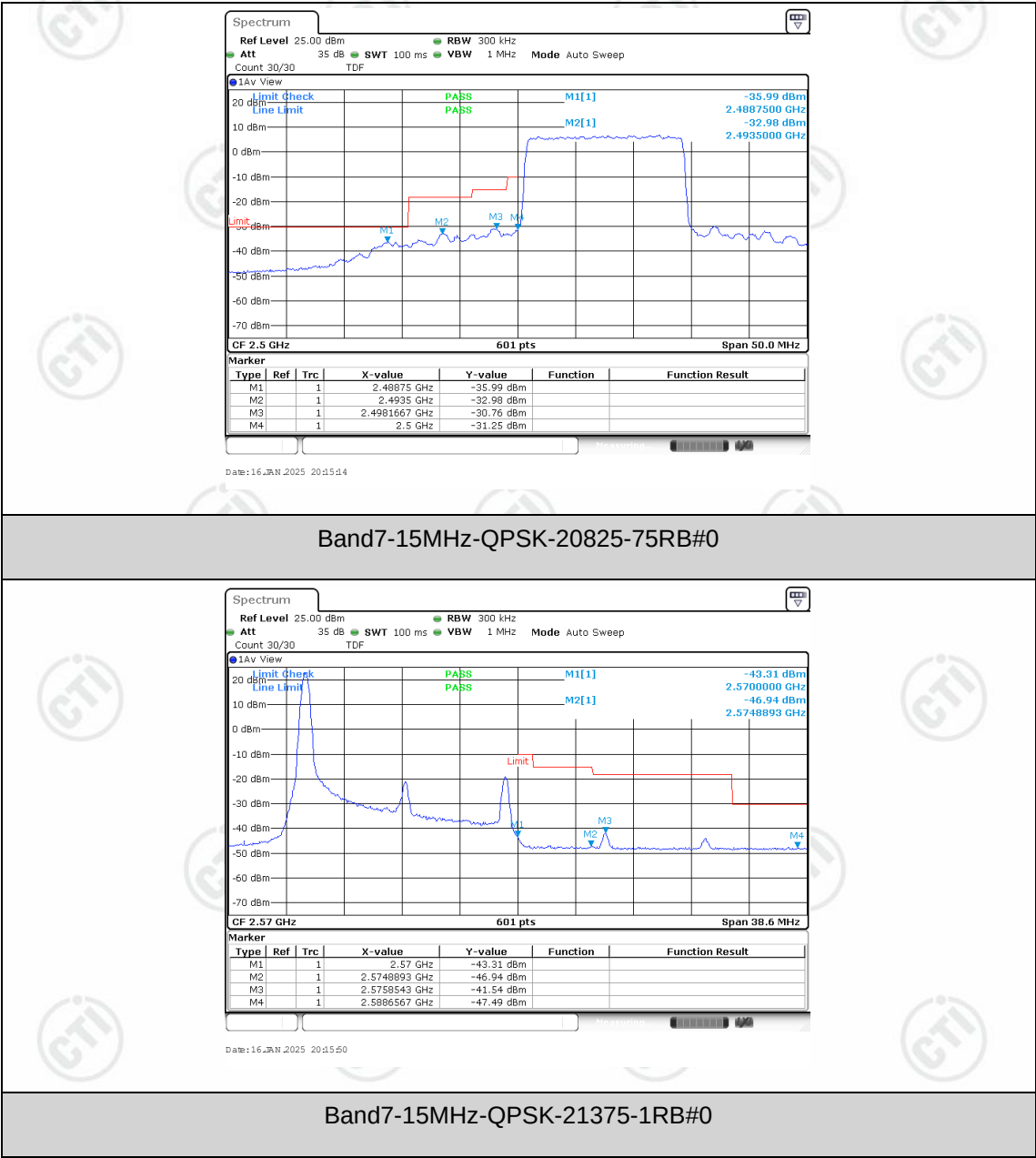


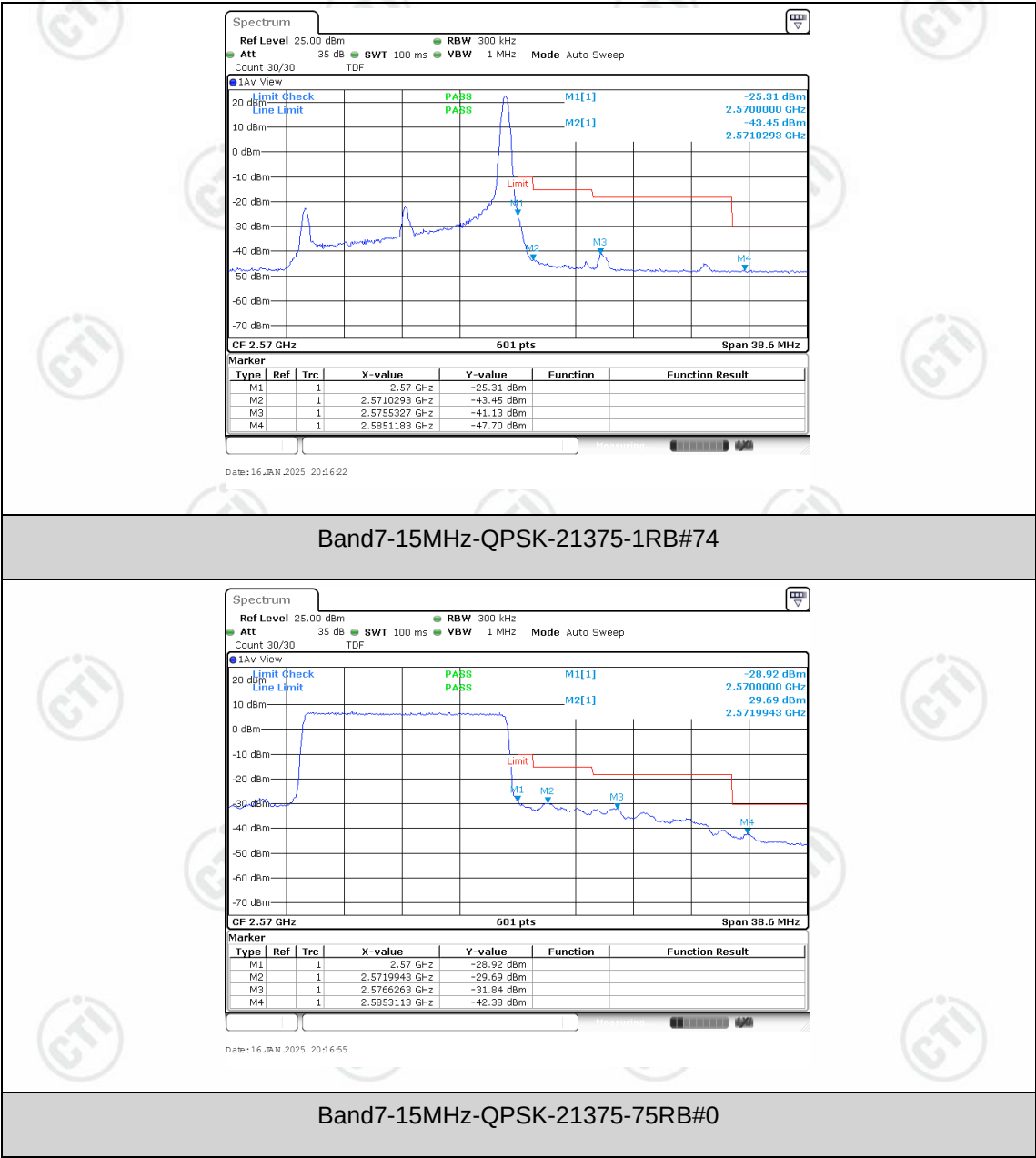


Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-1RB#74

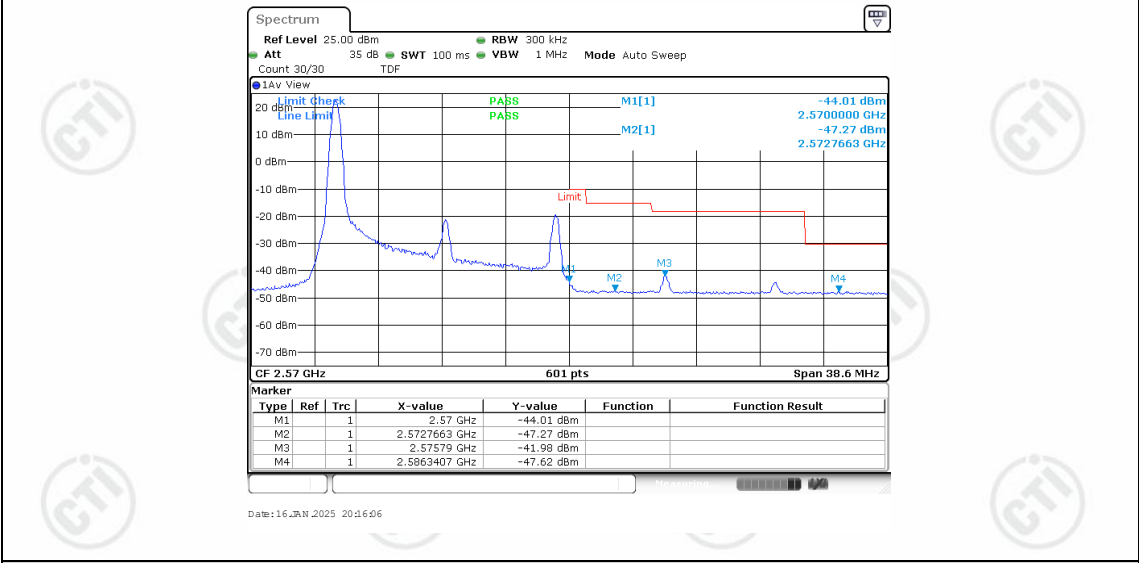




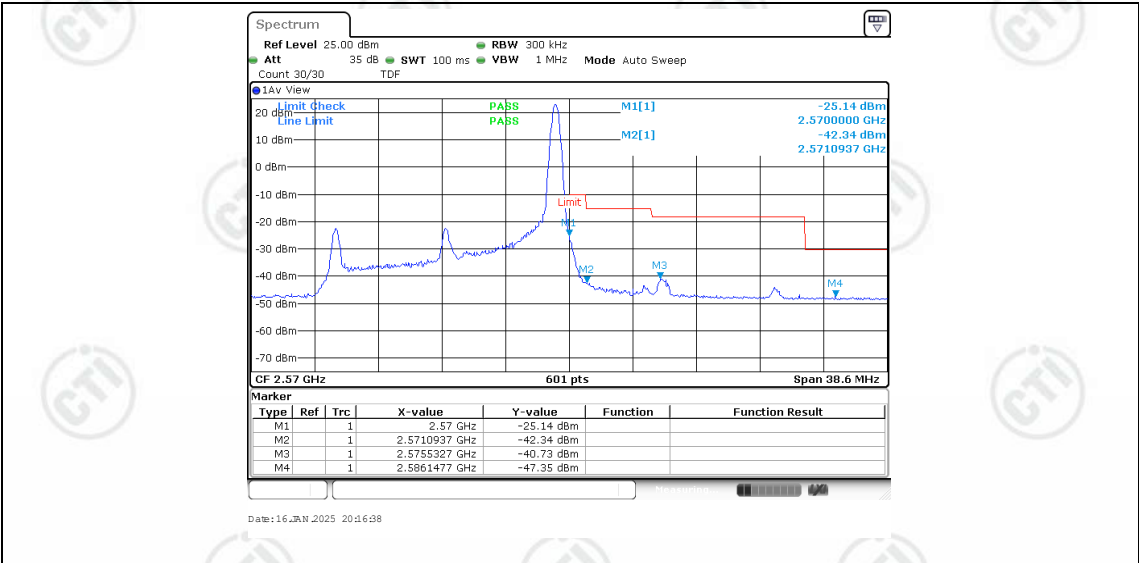




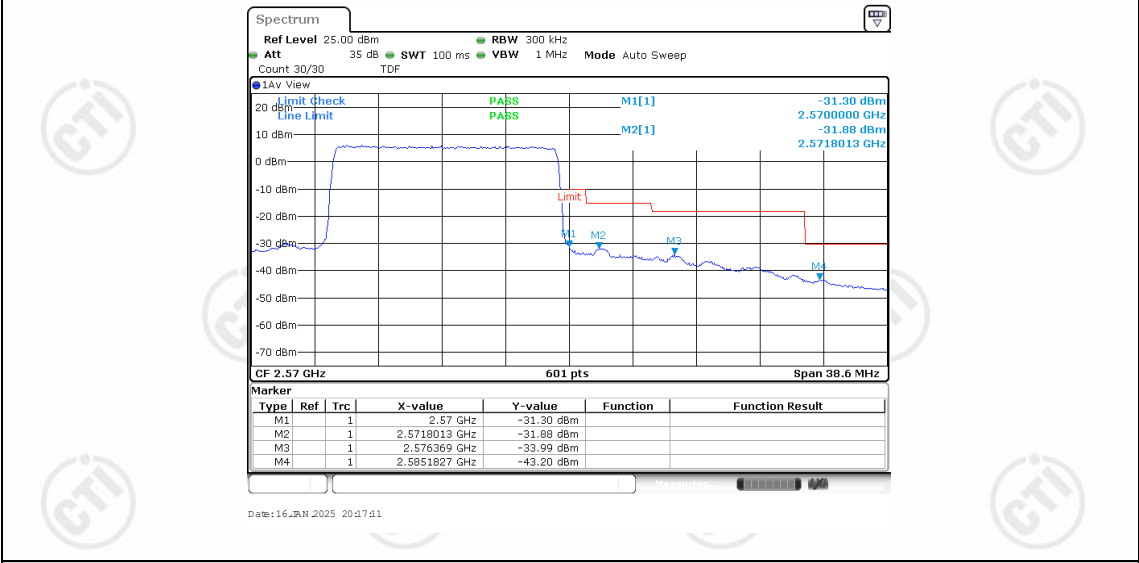
Band7-15MHz-16QAM-20825-75RB#0



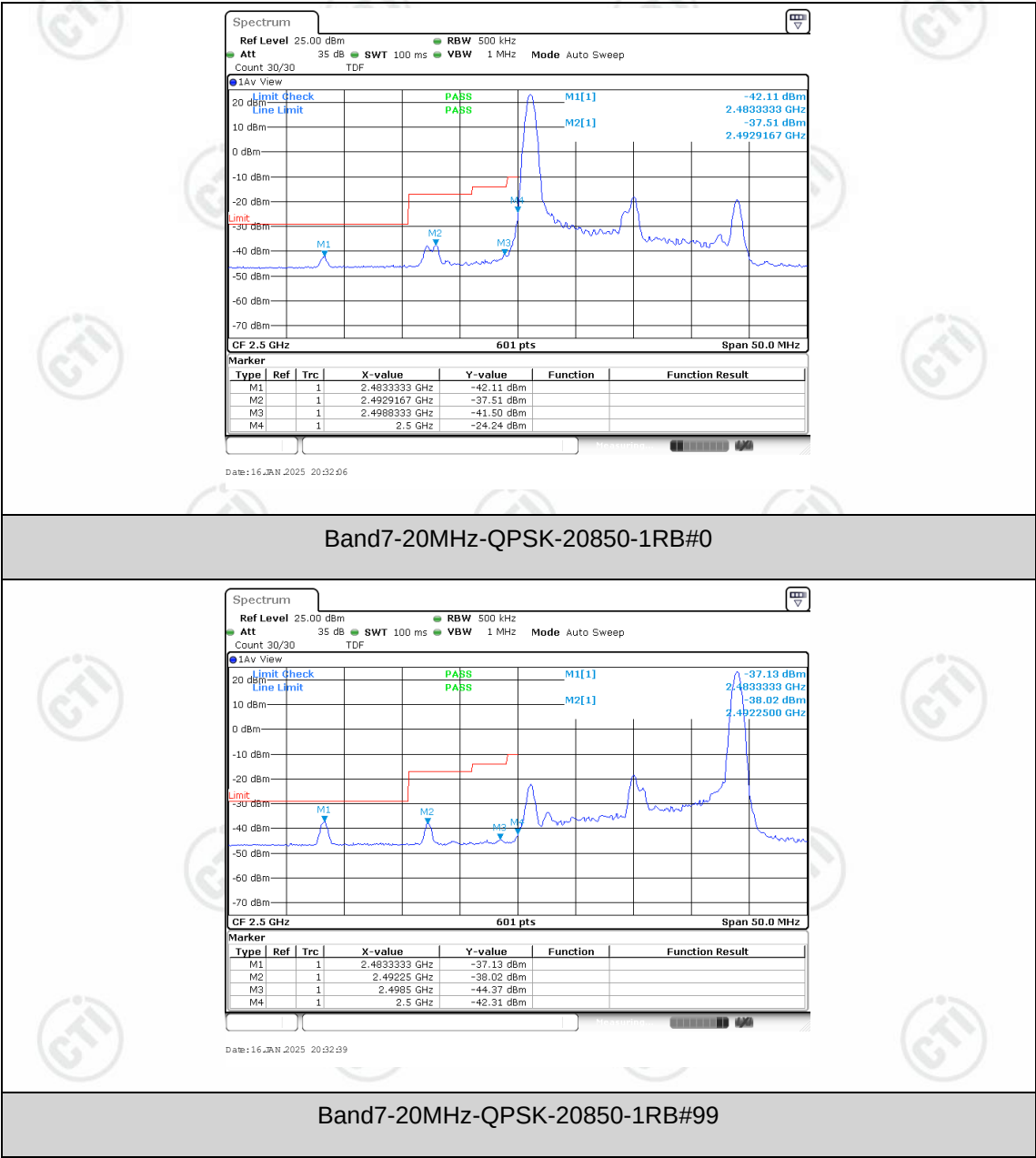
Band7-15MHz-16QAM-21375-1RB#0



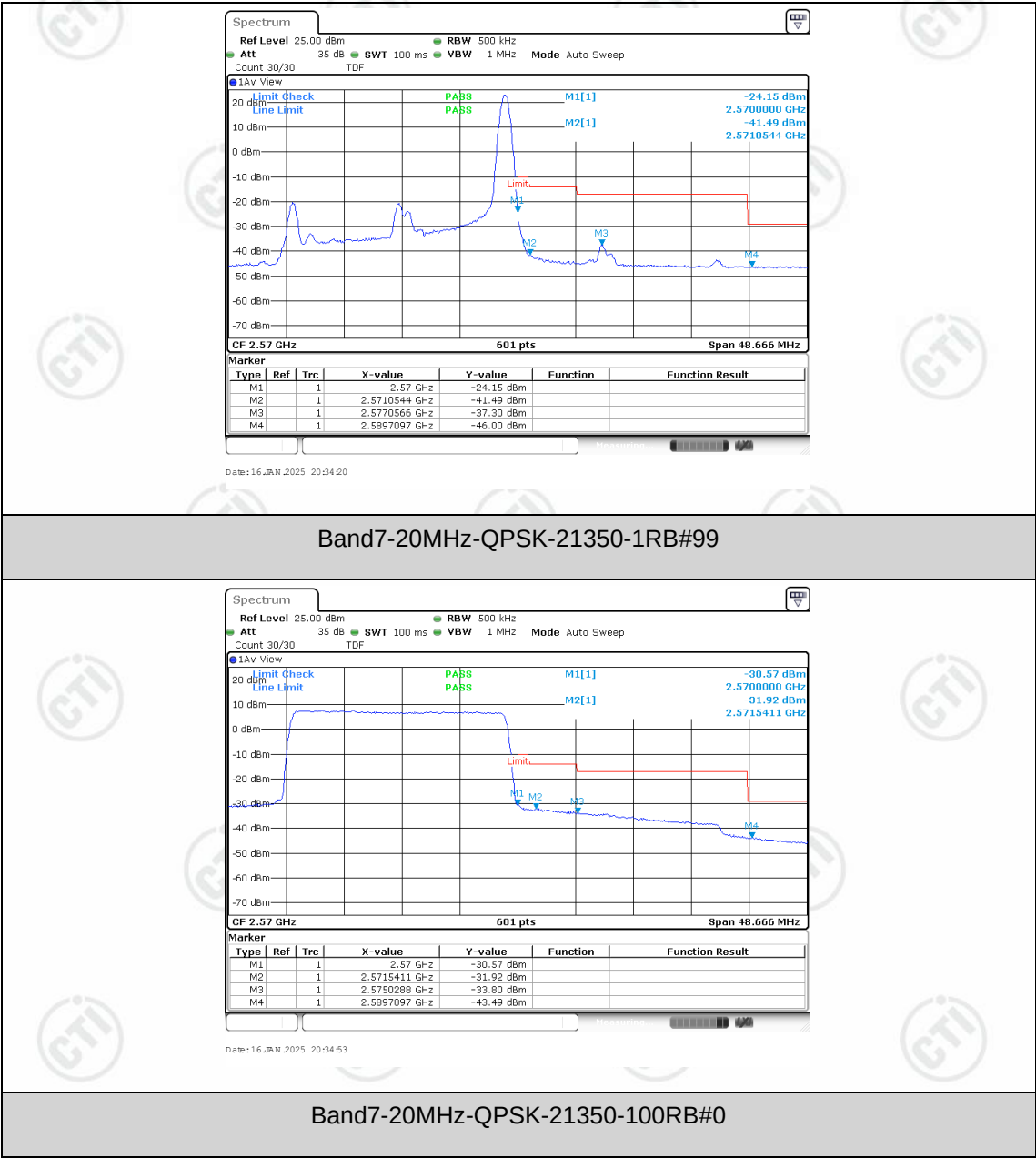
Band7-15MHz-16QAM-21375-1RB#74



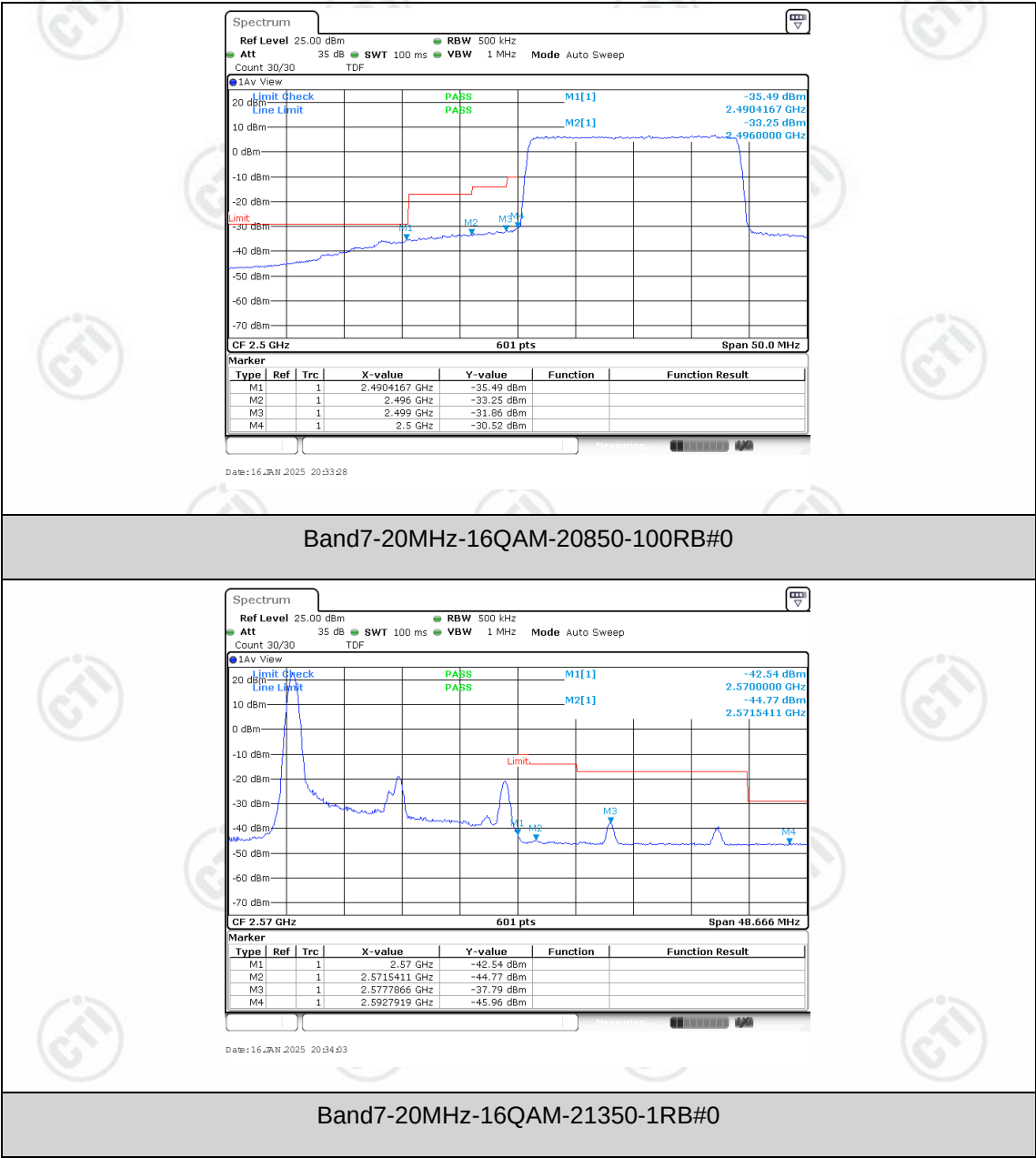
Band7-15MHz-16QAM-21375-75RB#0

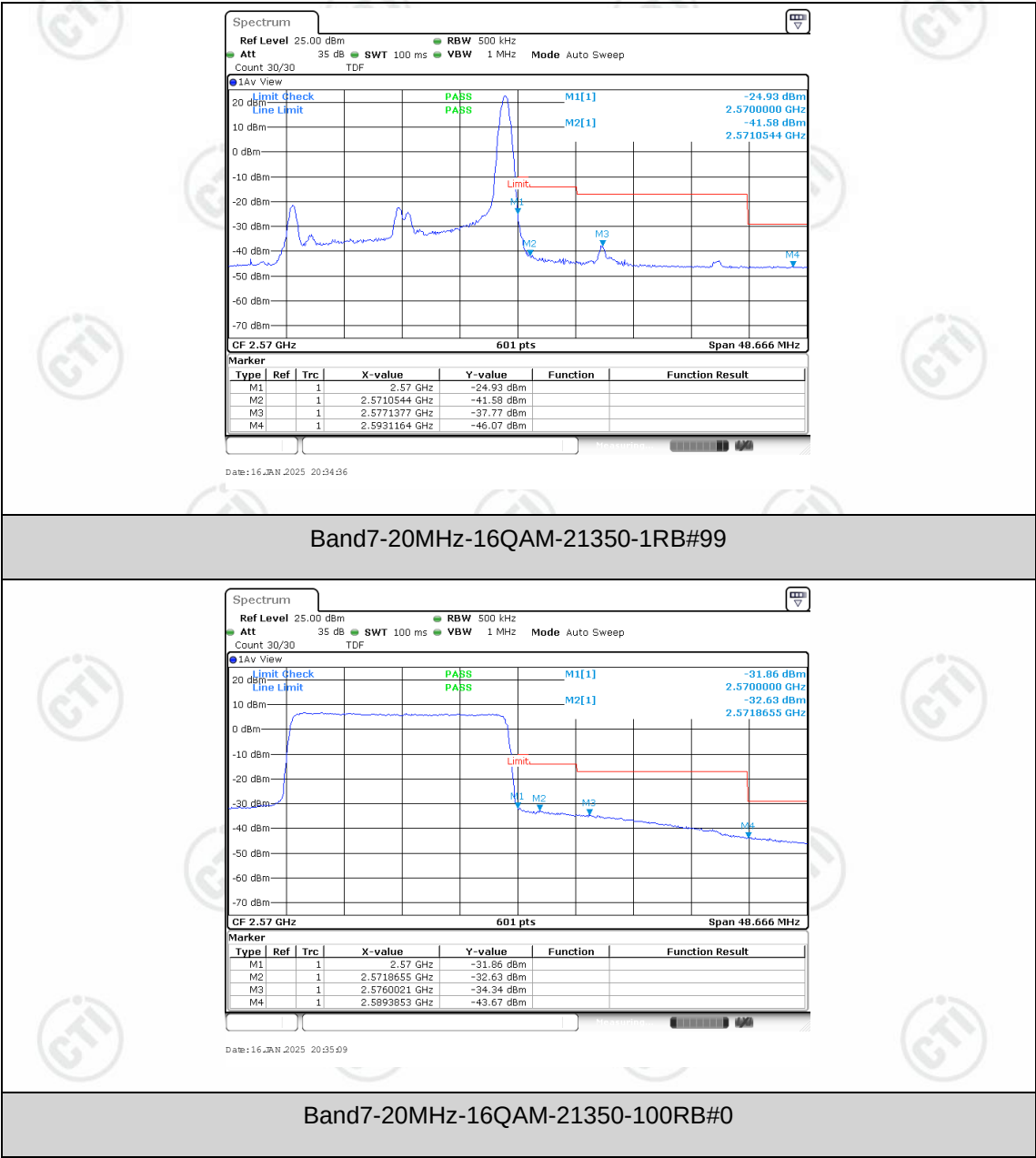












Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-43.58	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~3000MHz	-37.5	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:3000~26500MHz	-32.87	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-44.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-37.85	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-33.86	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-43.54	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~3000MHz	-38.16	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:3000~26500MHz	-33.59	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-44.32	PASS

Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~3000MHz	-36.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:3000~26500MHz	-33.13	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-43.99	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.47	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-33.75	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-44.28	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~3000MHz	-38.44	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:3000~26500MHz	-33.37	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-44.07	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~3000MHz	-38.14	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:3000~26500MHz	-33.35	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-44.21	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-38.57	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-33.87	PASS

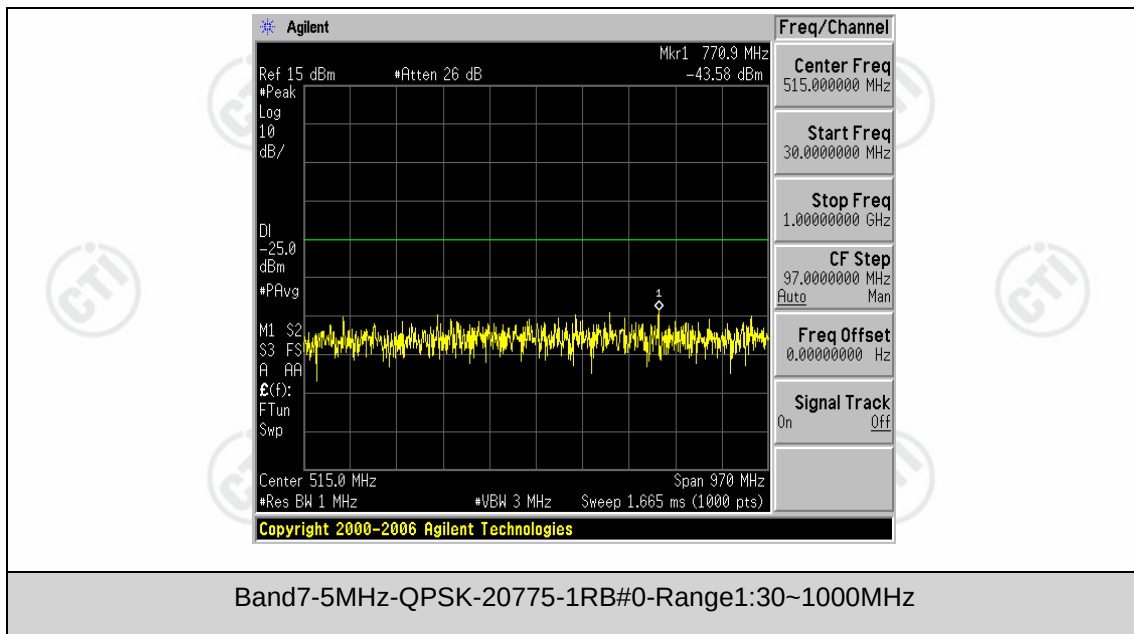
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-44.4 2	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~3000MHz	-38.7 7	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:3000~26500MHz	-32.6 3	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-44.7 2	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~3000MHz	-37.5 7	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:3000~26500MHz	-33.4 9	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-44.6 1	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-37.1 1	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-32.5 1	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-44.1 5	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~3000MHz	-38.2 9	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:3000~26500MHz	-33.6 2	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-44.2 3	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~3000MHz	-37.5 7	PASS

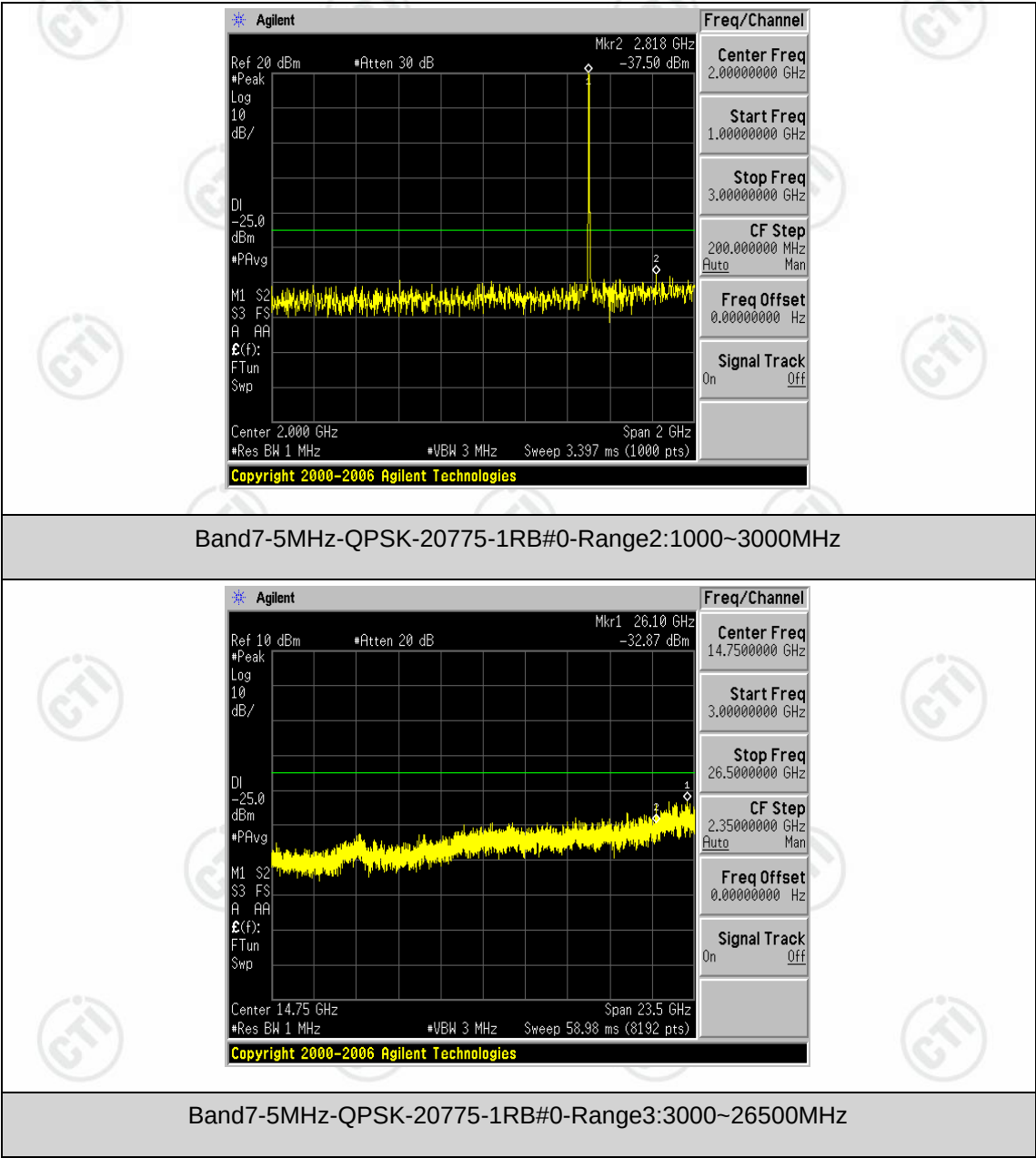
Band7	15MHz	QPSK	20825	1RB#0	Range3:3000~ 26500MHz	-33.3 2	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~10 00MHz	-44.9 4	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~ 3000MHz	-38.3 2	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:3000~ 26500MHz	-33.3 3	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~10 00MHz	-44.1 2	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~ 3000MHz	-36.8 6	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:3000~ 26500MHz	-33.9 1	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~10 00MHz	-44.1 1	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~ 3000MHz	-39.1 9	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:3000~ 26500MHz	-33.4 5	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~10 00MHz	-44.7 6	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~ 3000MHz	-38.9 2	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:3000~ 26500MHz	-33.8 4	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~10 00MHz	-44.0 8	PASS

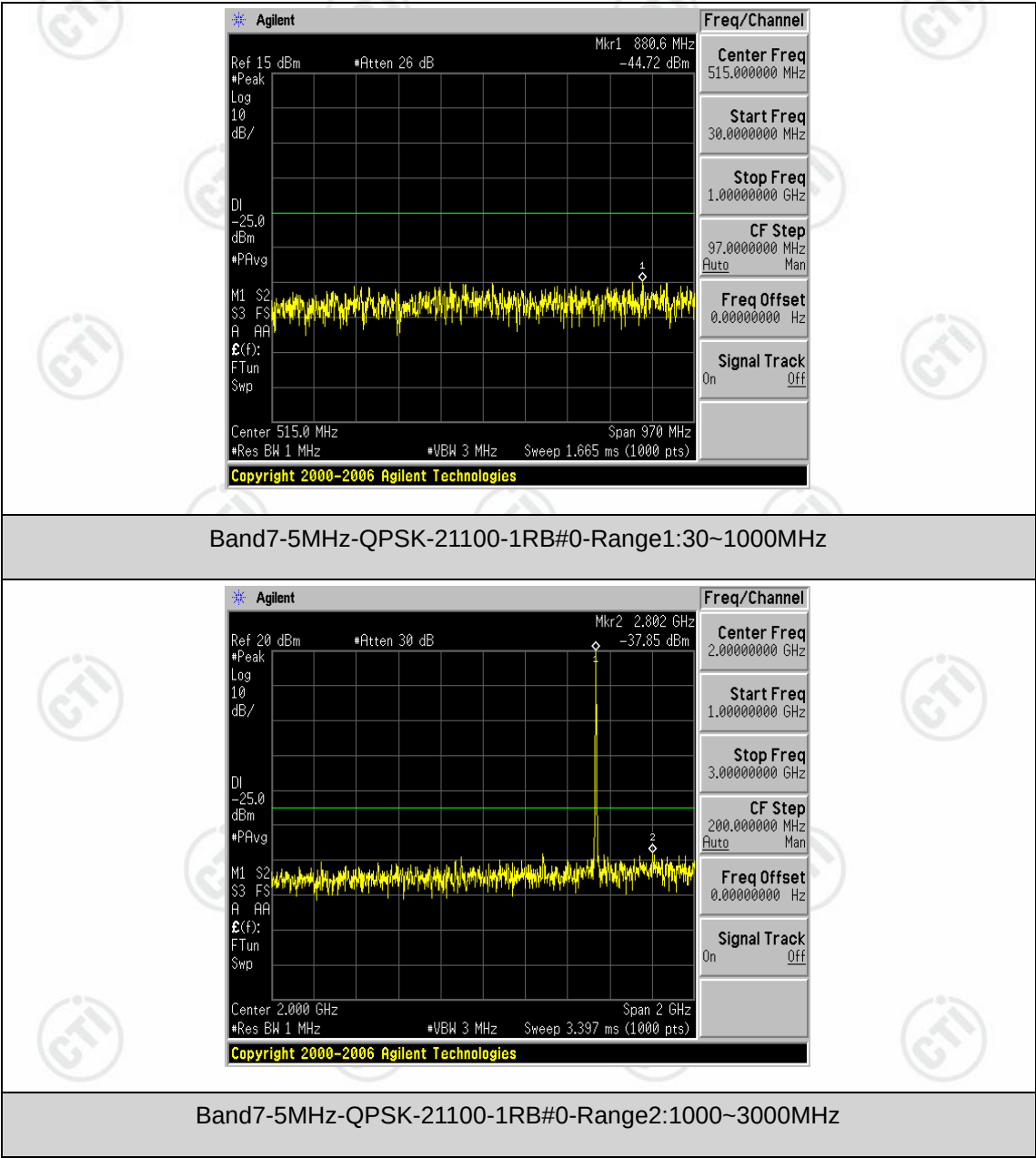
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~3000MHz	-37.29	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:3000~26500MHz	-33.33	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-44.37	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~3000MHz	-37.68	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:3000~26500MHz	-33.9	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-45.31	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-38.86	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-33.98	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-44.25	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~3000MHz	-38.69	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:3000~26500MHz	-33.4	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-44.28	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~3000MHz	-38.04	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:3000~26500MHz	-33.41	PASS

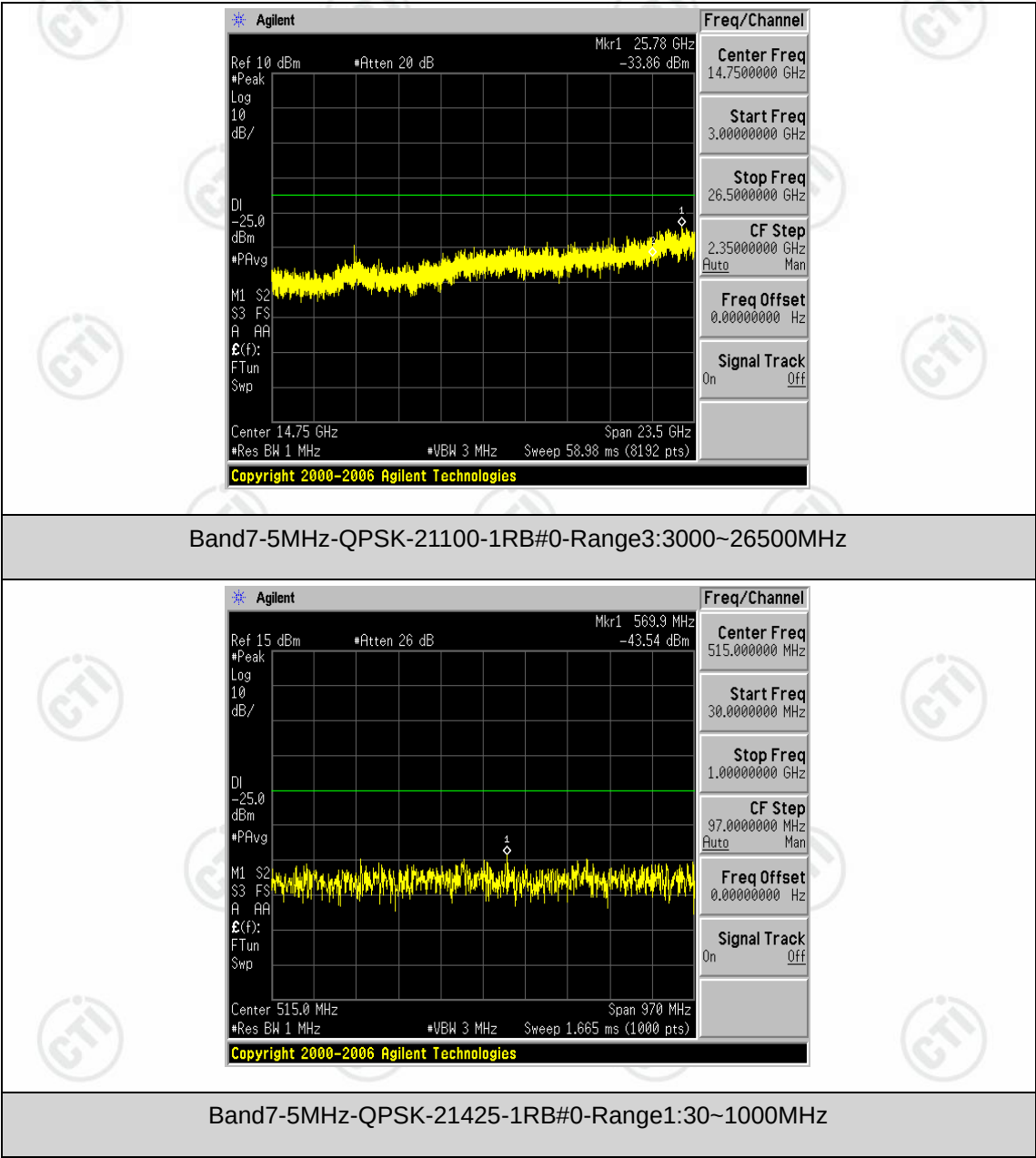
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-43.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.58	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-33.85	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-44.1	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~3000MHz	-36.91	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:3000~26500MHz	-33.57	PASS

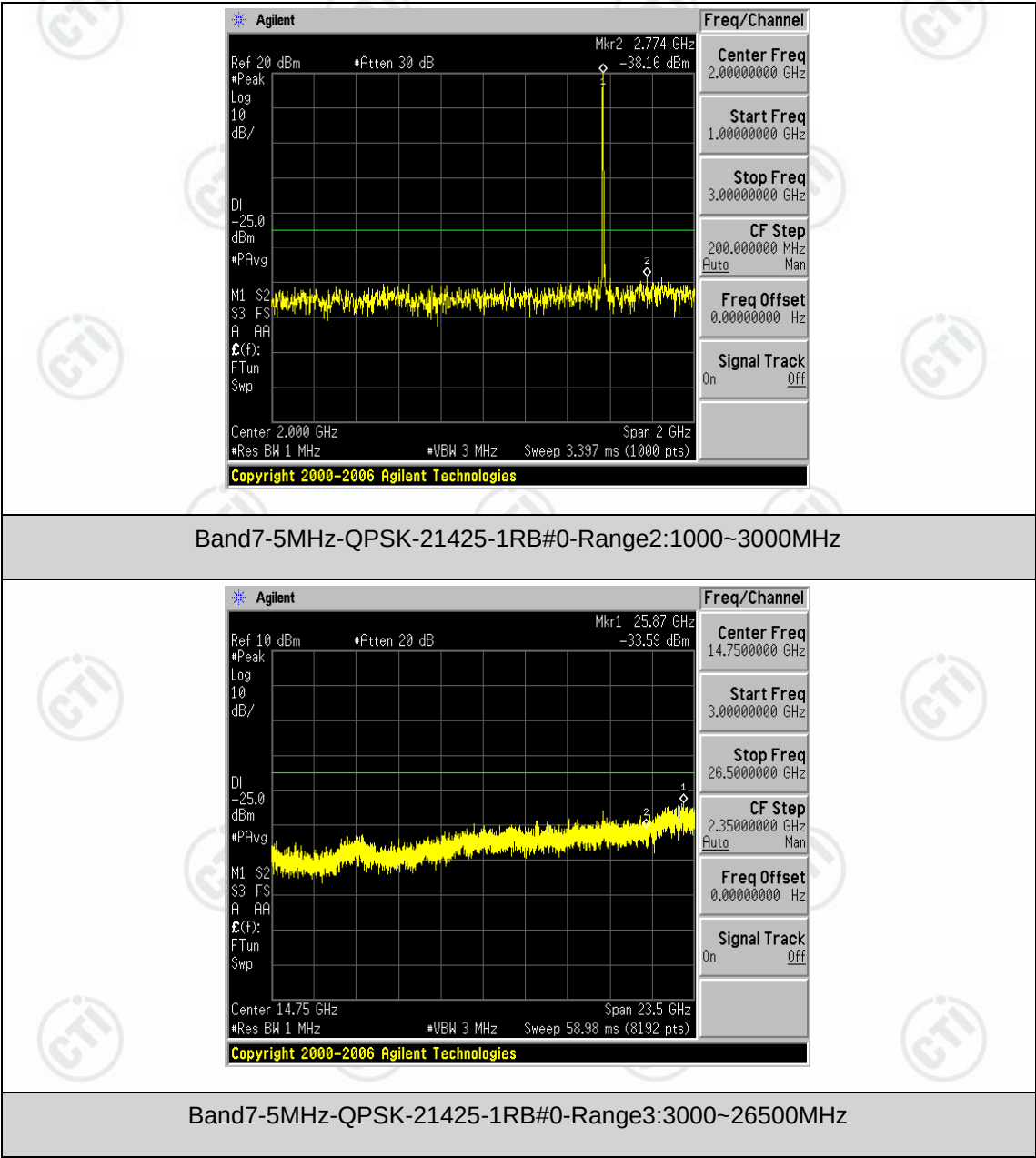
Test Graphs

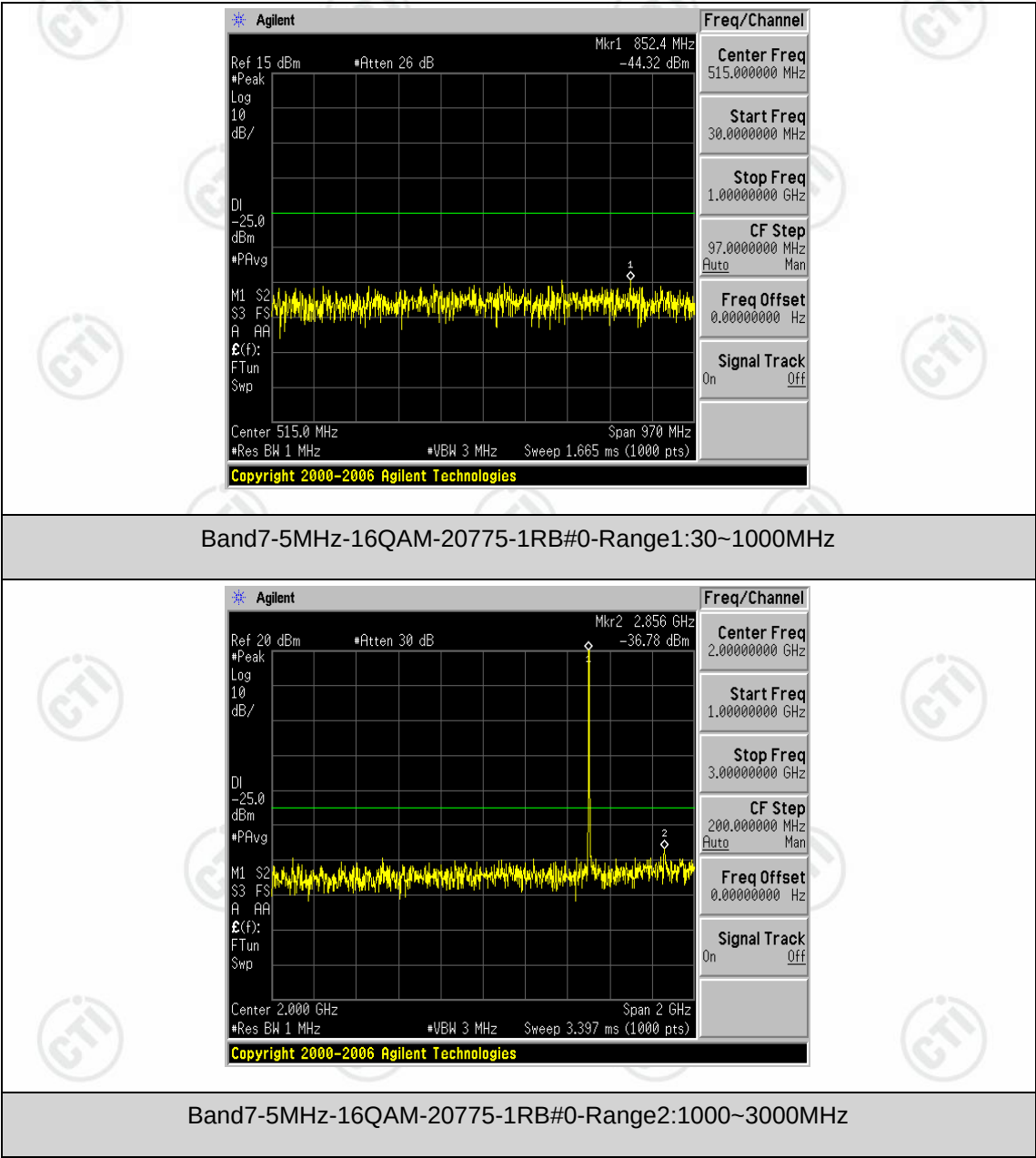


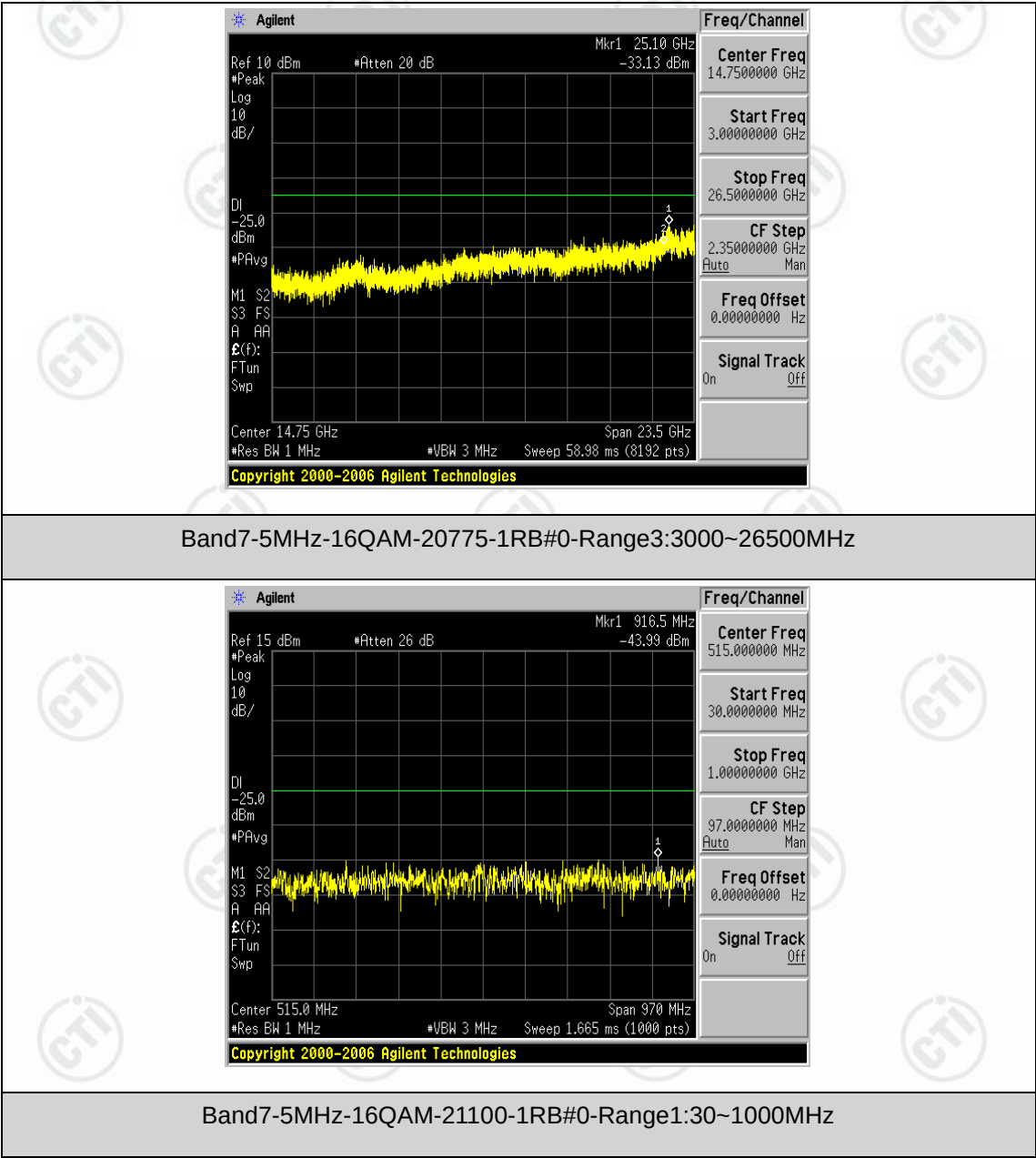


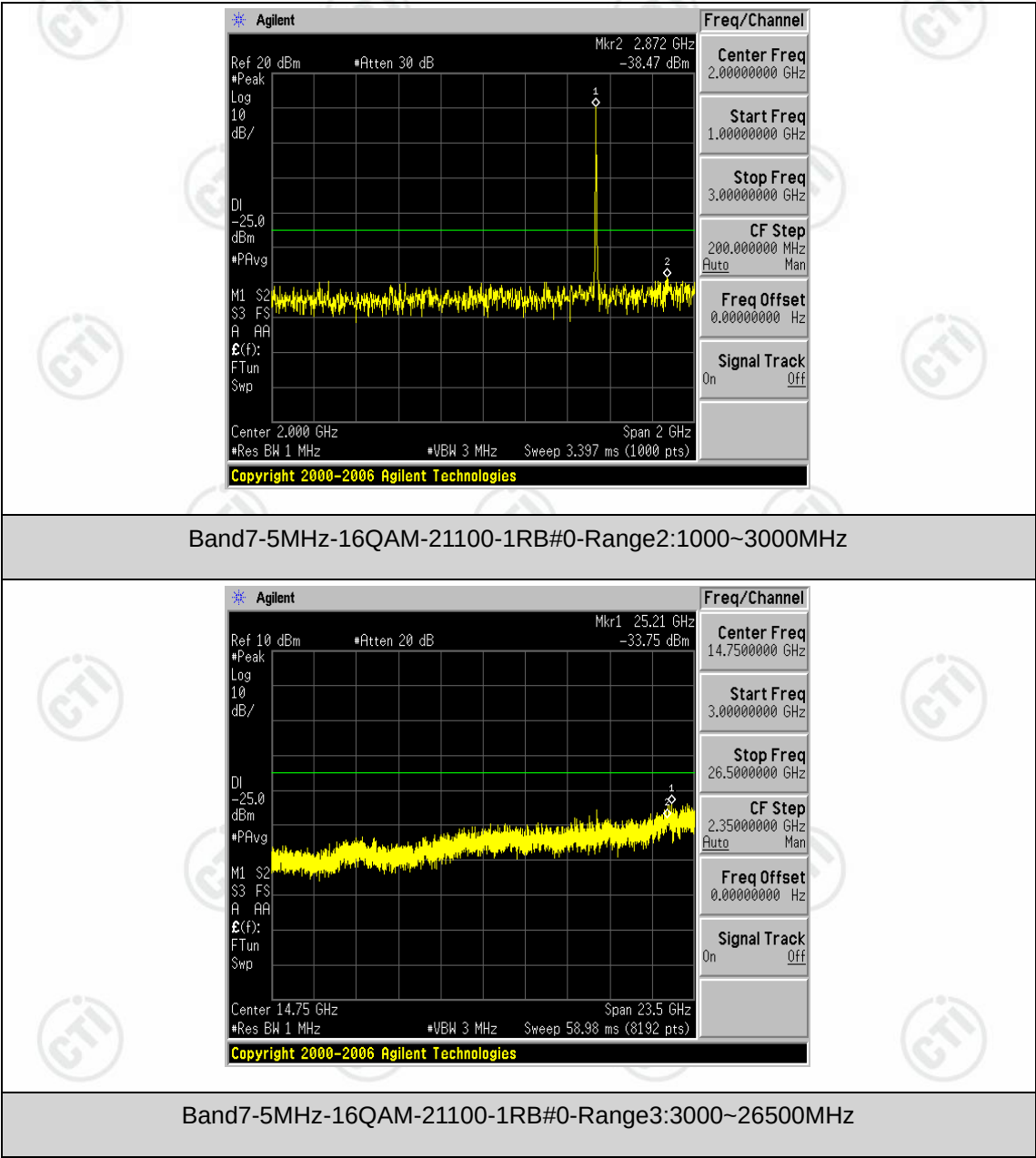


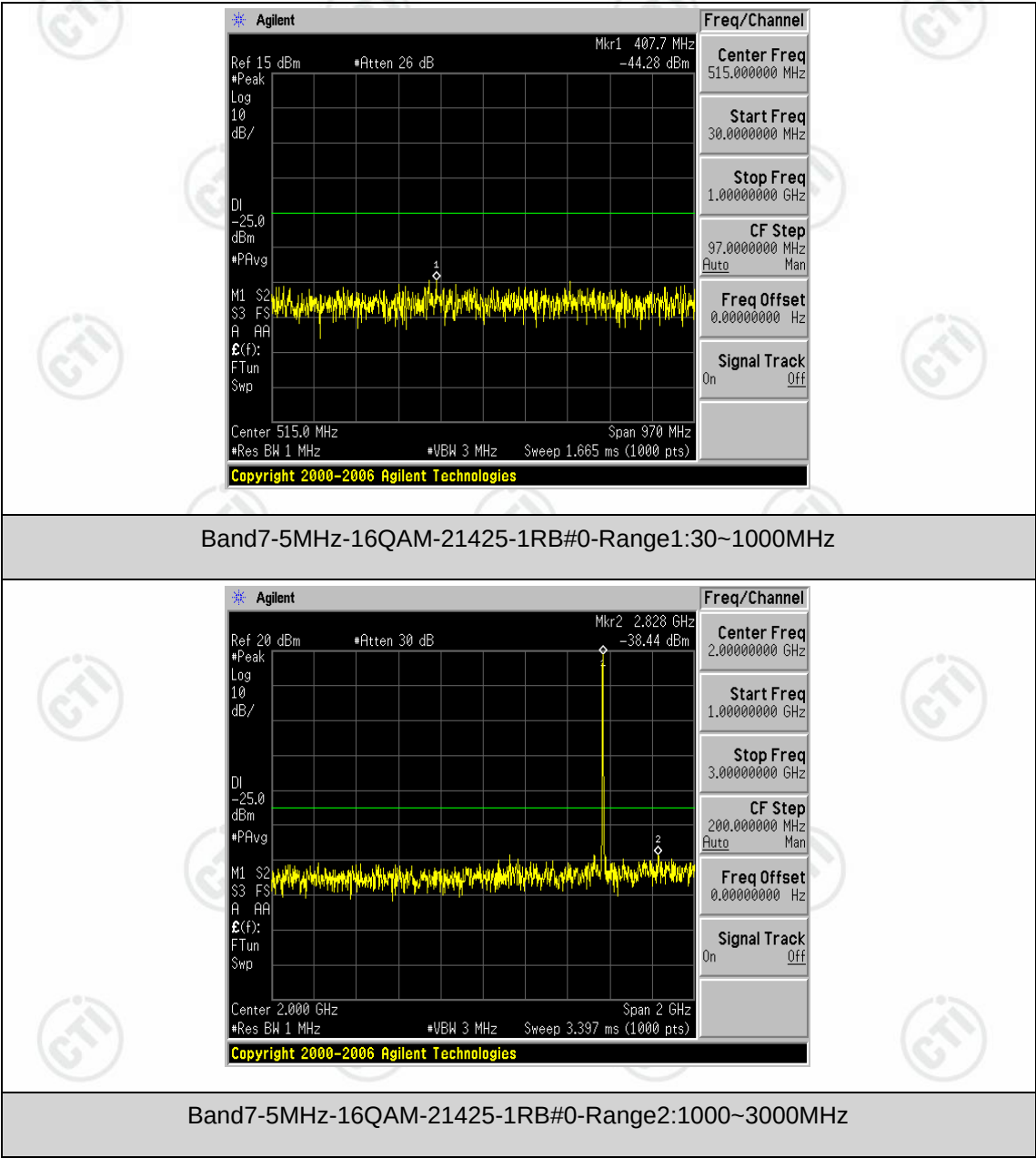


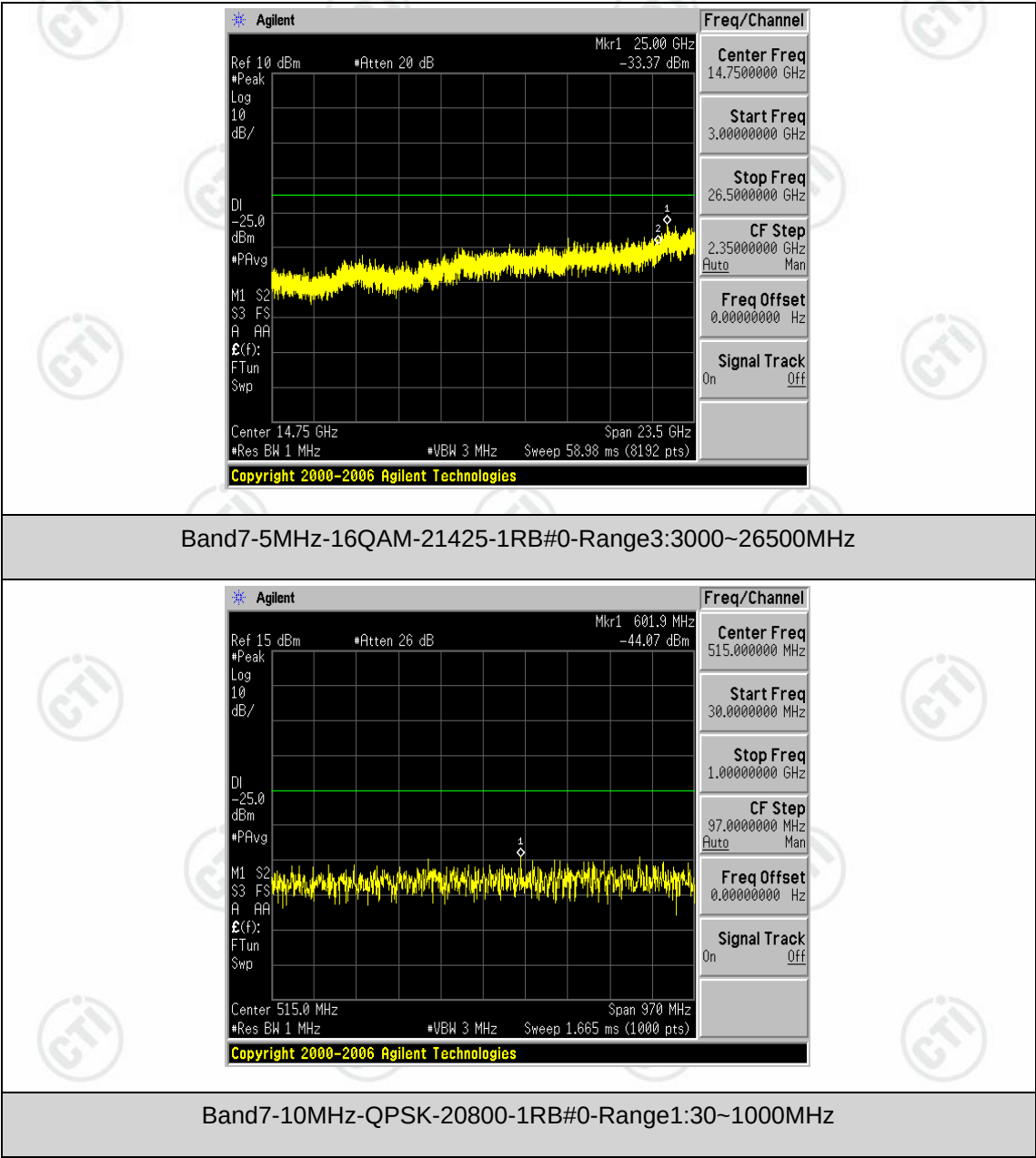


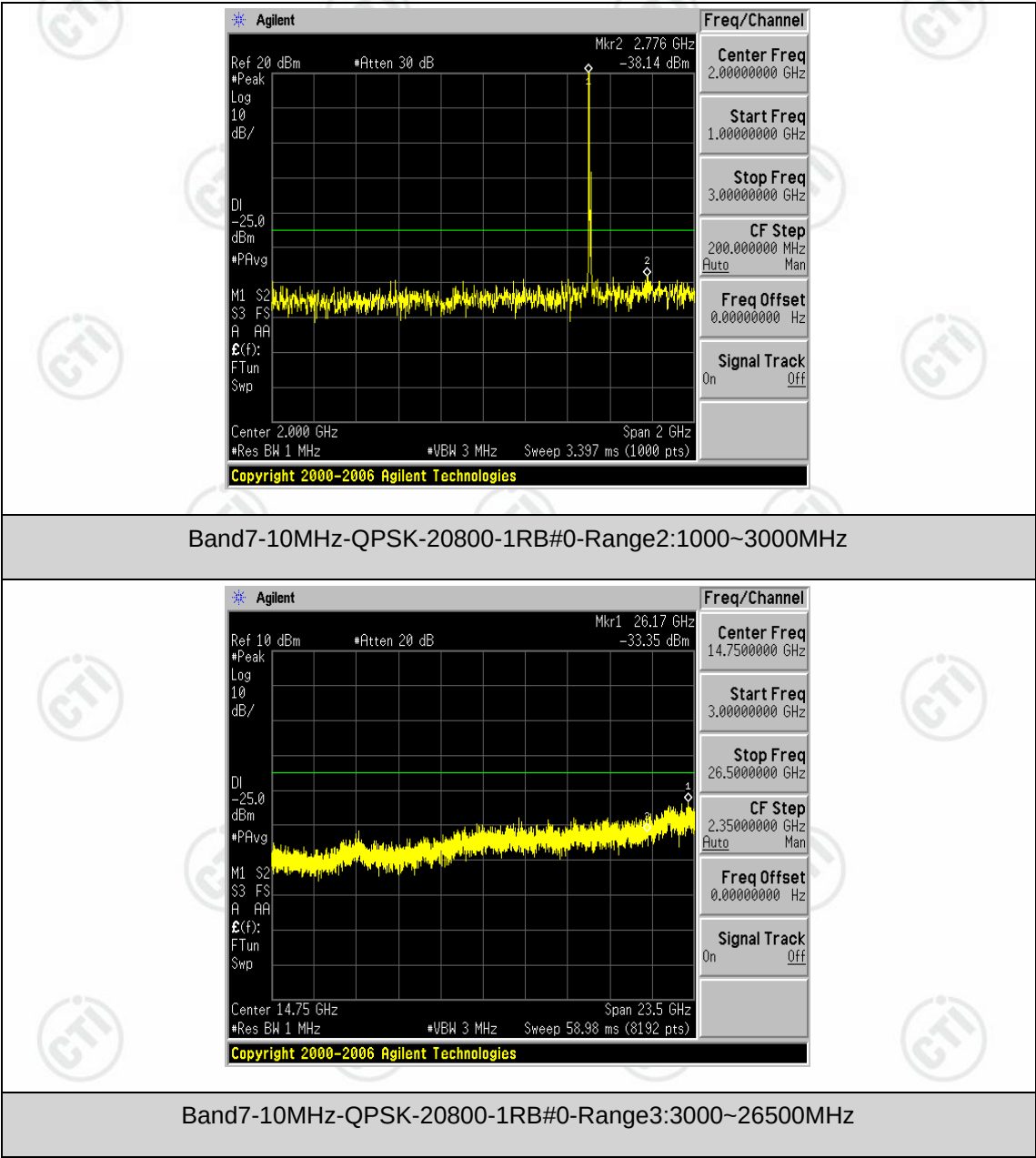


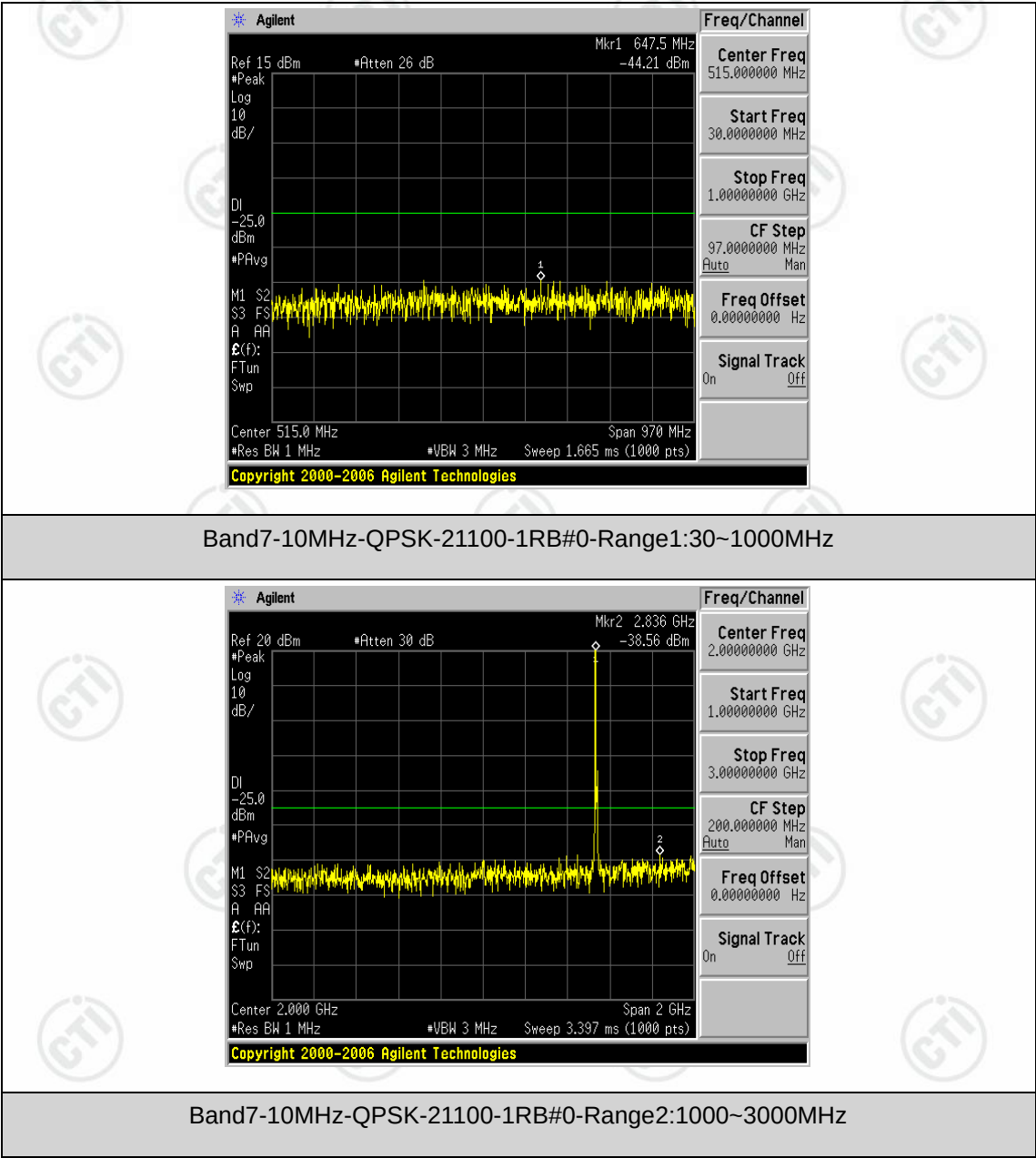












Agilent

Ref 20 dBm

•Atten 30 dB

Mkr2 2.836 GHz

-38.56 dBm

•Peak

Log

10

dB/

DI

-25.0

dBm

•PAvg

M1 S2

S3 FS

A AA

Ⓔ(f):

FTun

Swp

Center 2.000 GHz

•Res BW 1 MHz

•VBW 3 MHz

Sweep 3.397 ms (1000 pts)

Span 2 GHz

Copyright 2000-2006 Agilent Technologies

Freq/Channel

Center Freq

2.00000000 GHz

Start Freq

1.00000000 GHz

Stop Freq

3.00000000 GHz

CF Step

200.000000 MHz

Auto Man

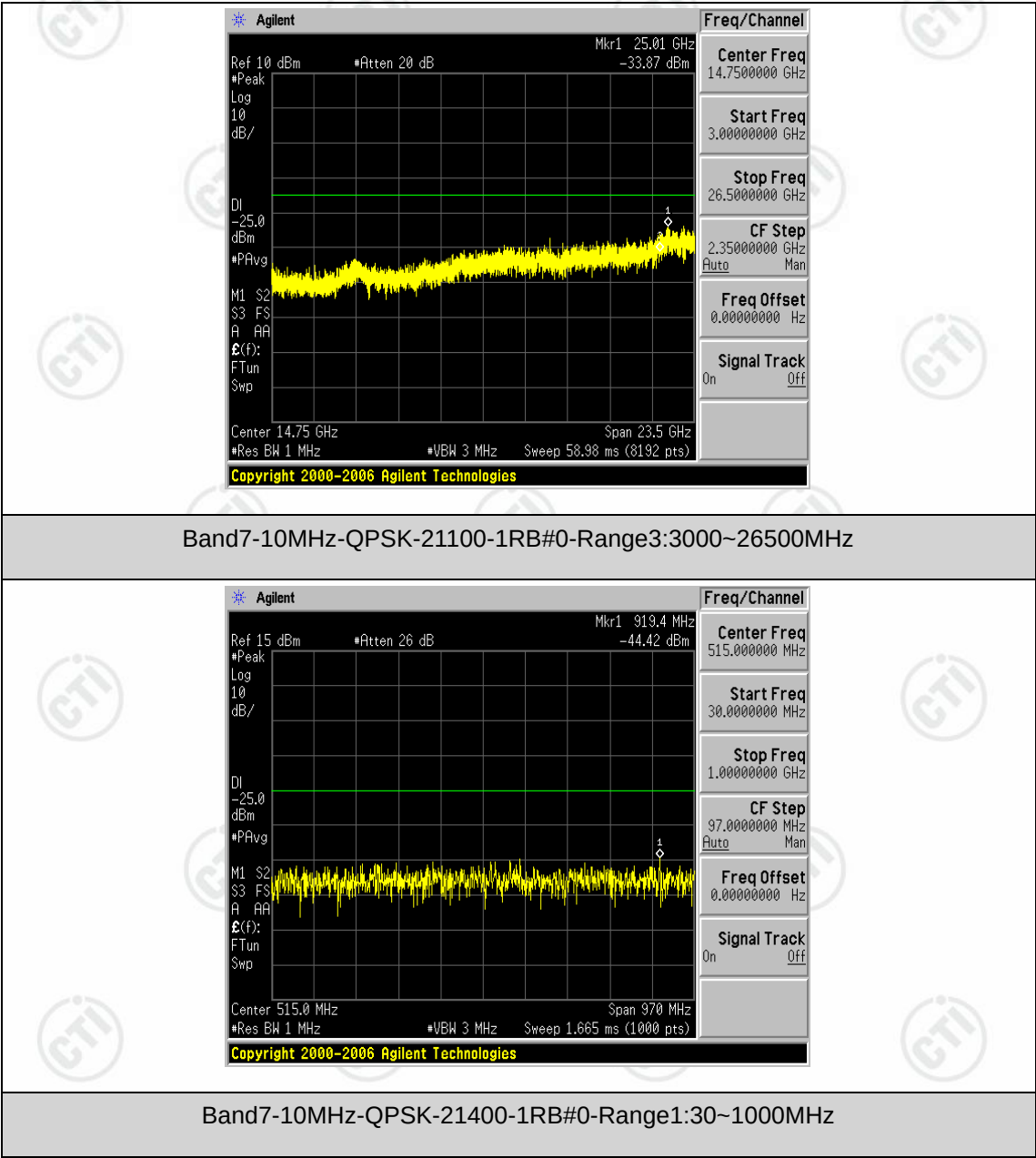
Freq Offset

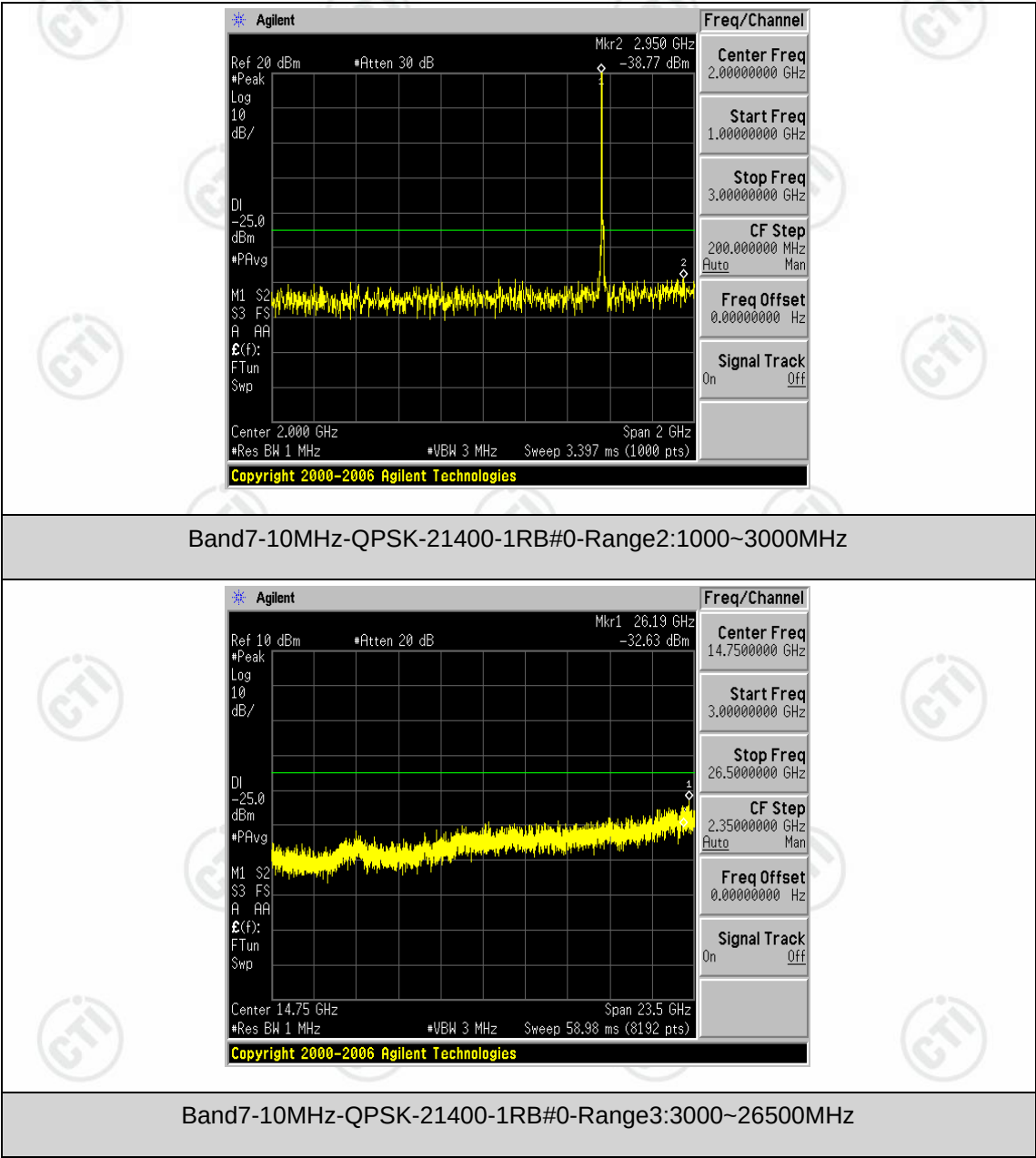
0.00000000 Hz

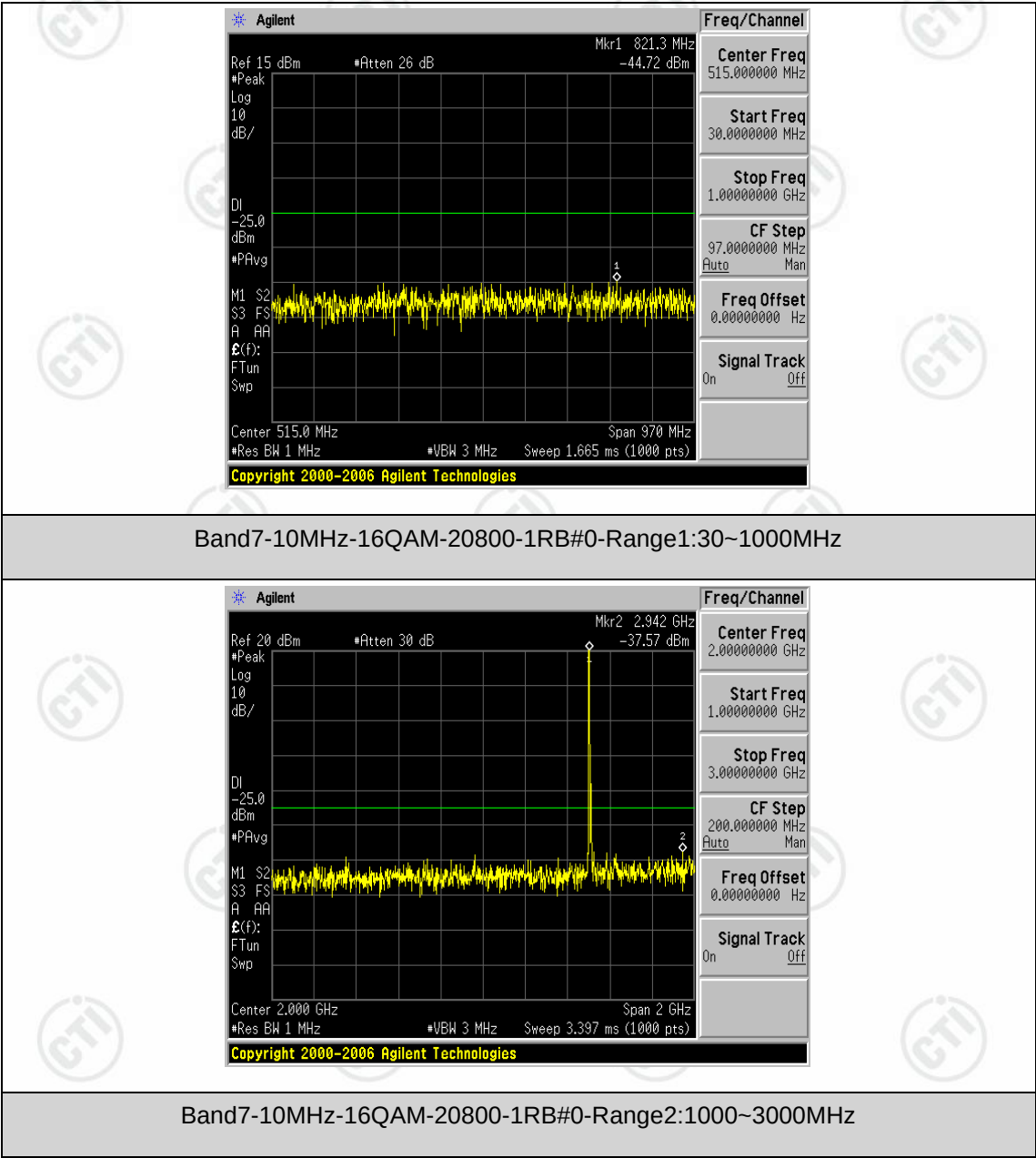
Signal Track

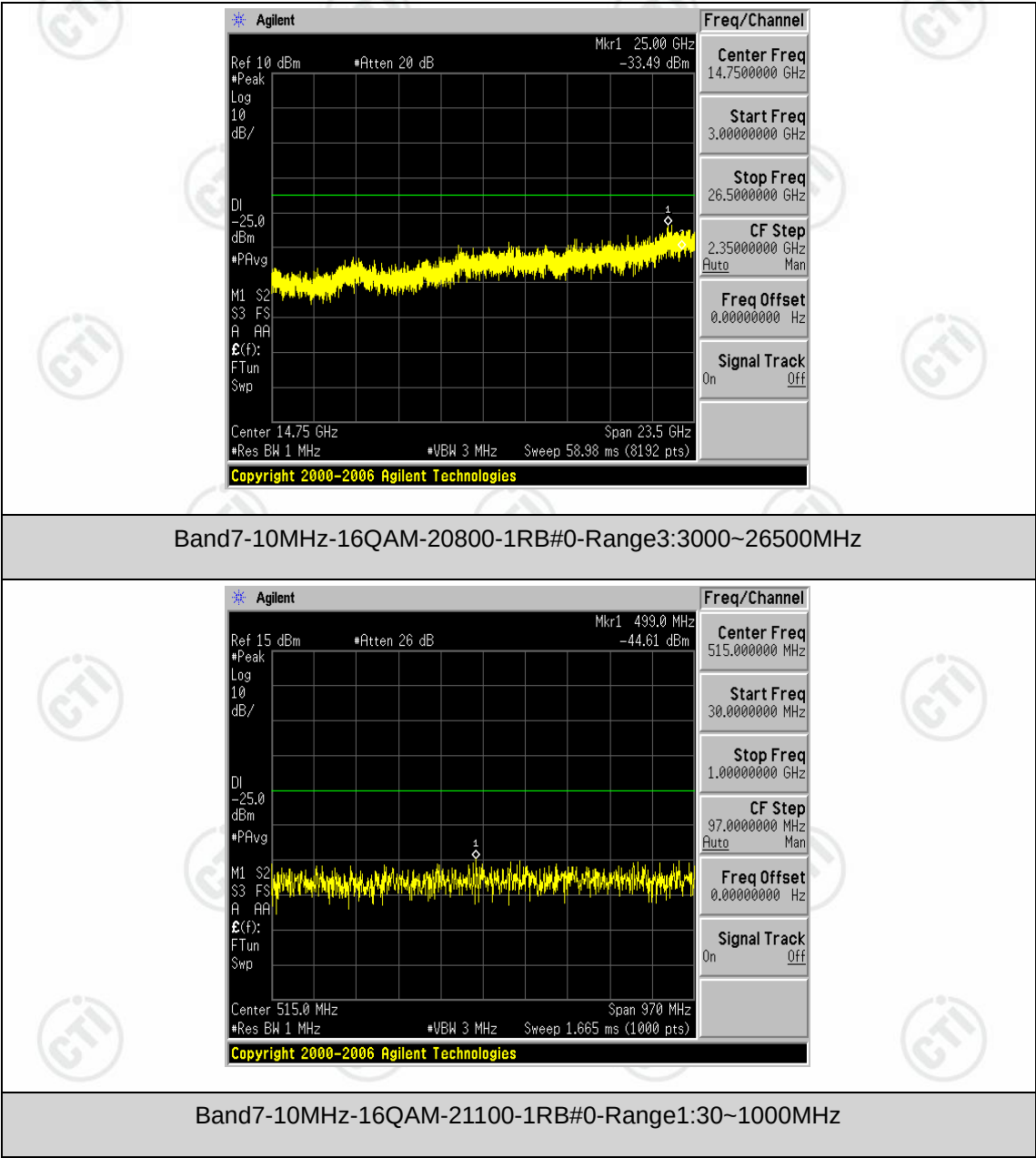
On Off

Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz









Agilent

Ref 15 dBm *Atten 26 dB

Mkr1 499.0 MHz
-44.61 dBm

Center 515.0 MHz
*Res BW 1 MHz *VBW 3 MHz Sweep 1.665 ms (1000 pts)

Copyright 2000-2006 Agilent Technologies

Freq/Channel

Center Freq
515.0000000 MHz

Start Freq
30.0000000 MHz

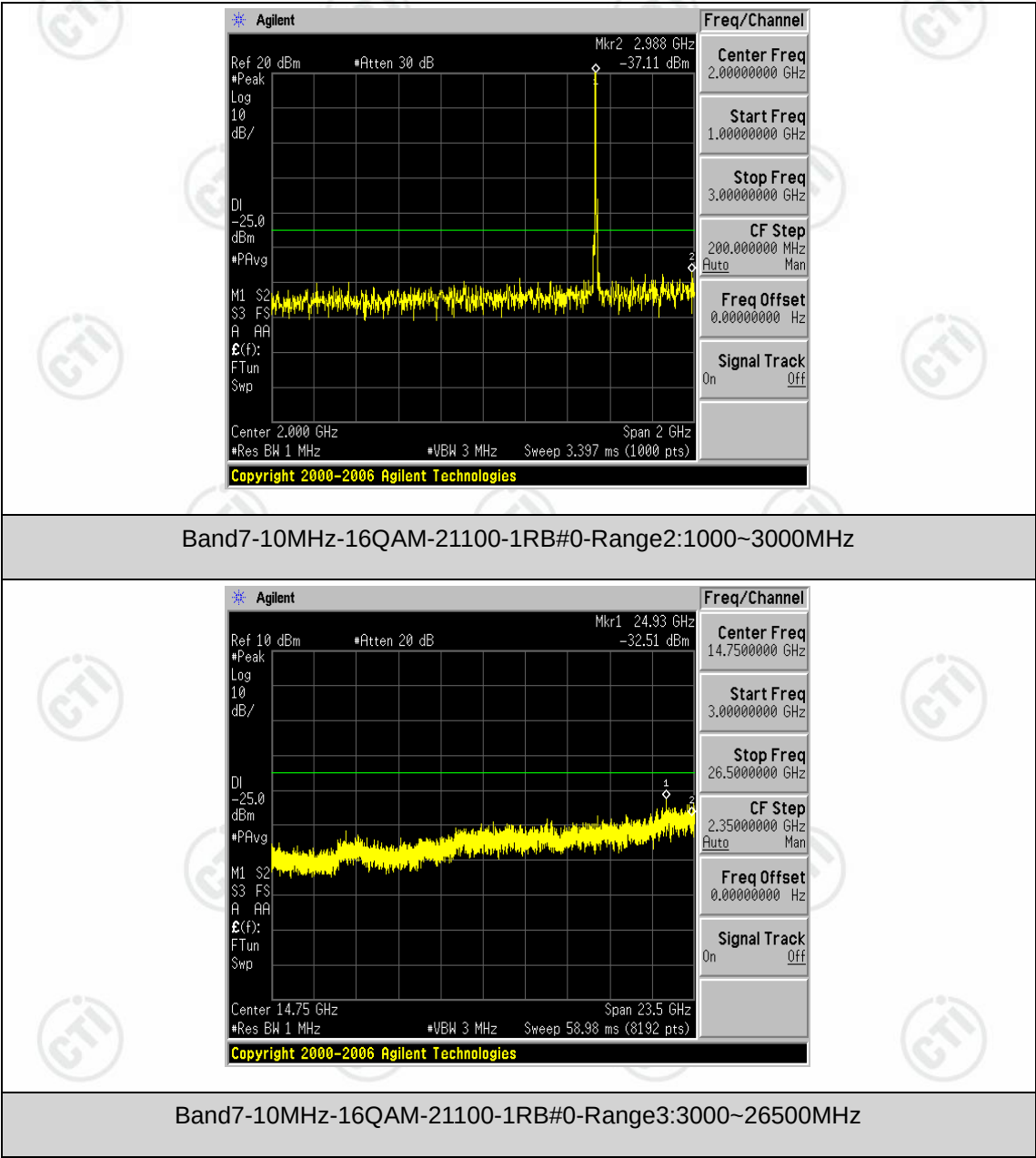
Stop Freq
1.00000000 GHz

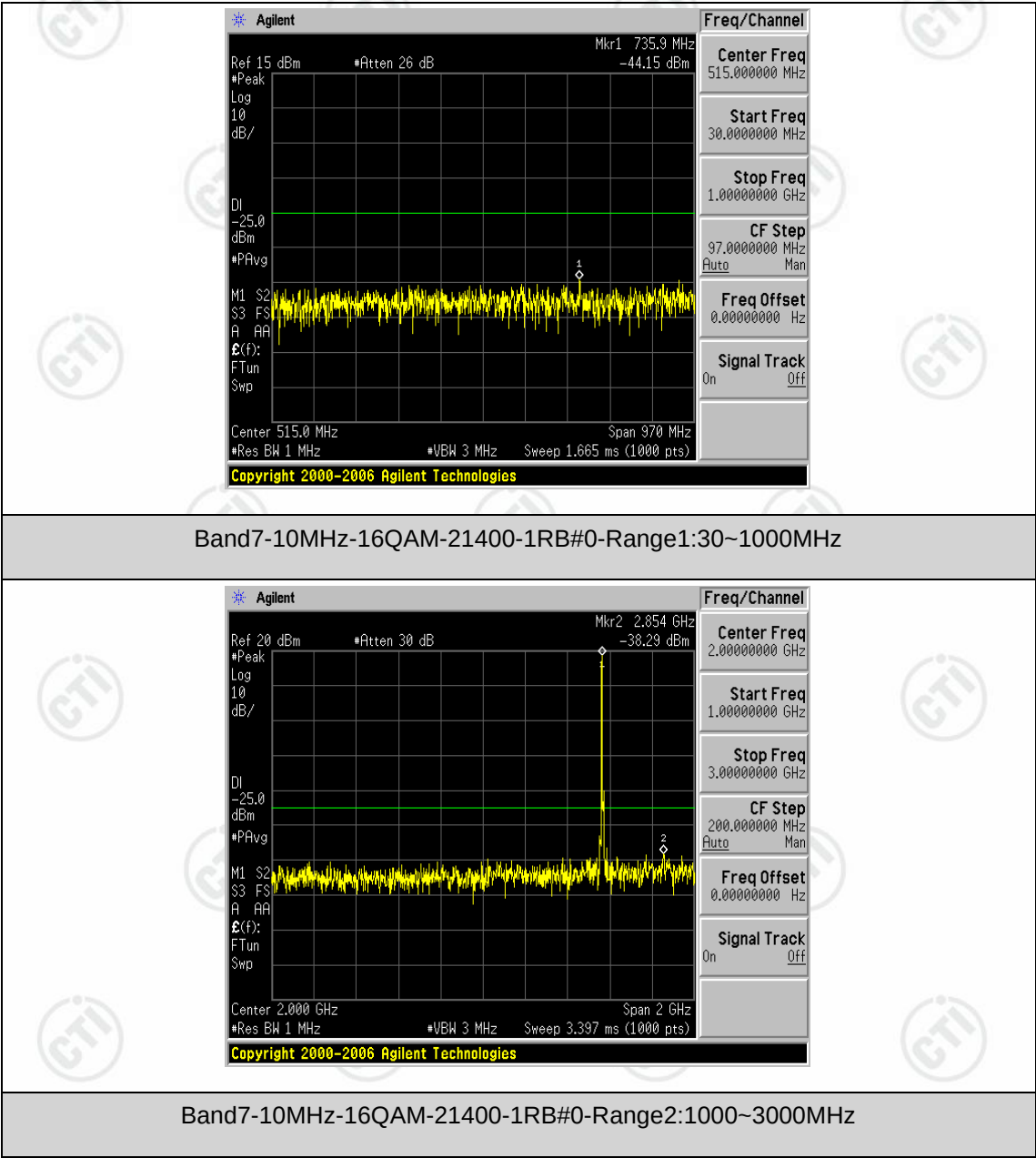
CF Step
97.00000000 MHz
Auto Man

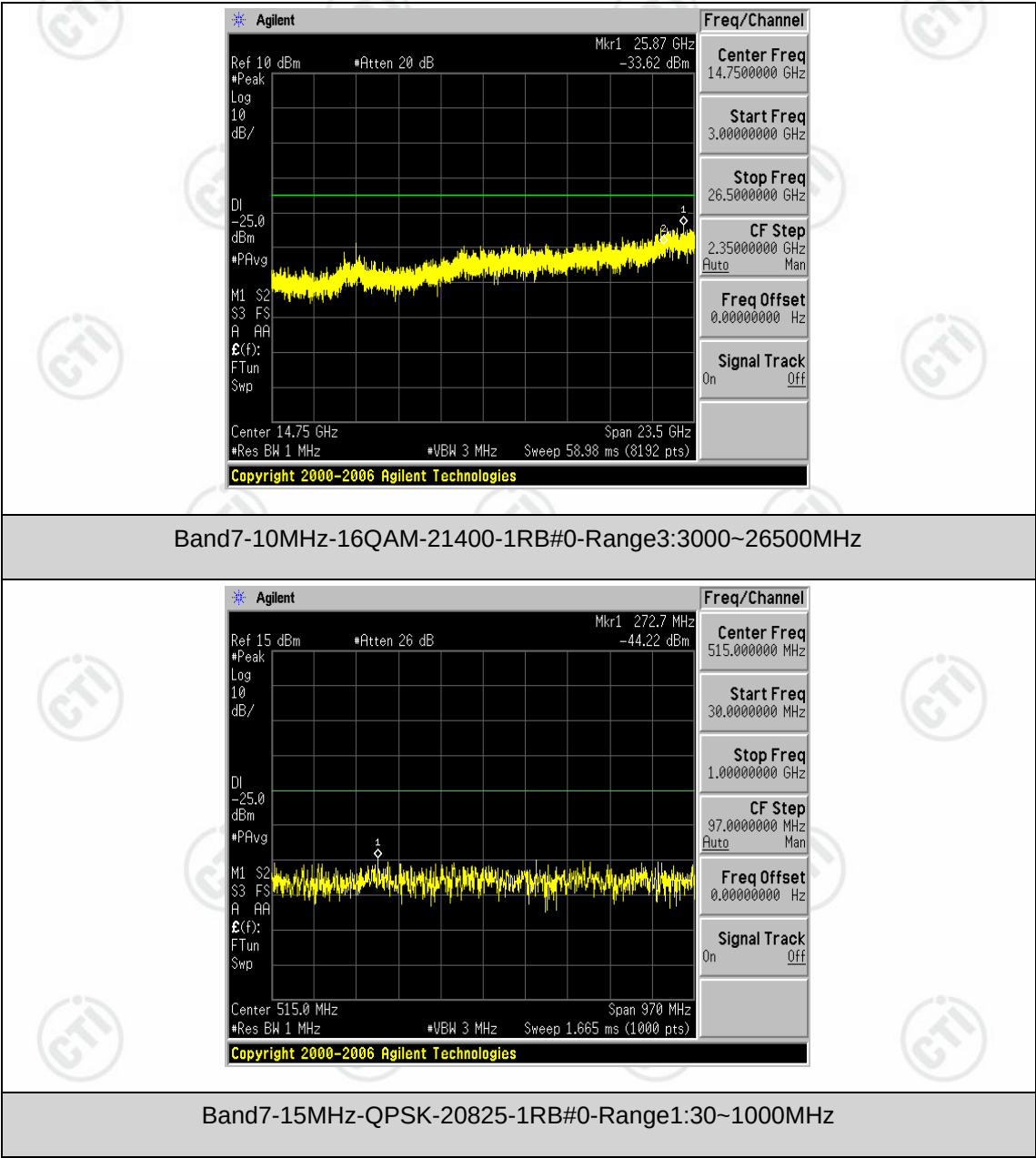
Freq Offset
0.00000000 Hz

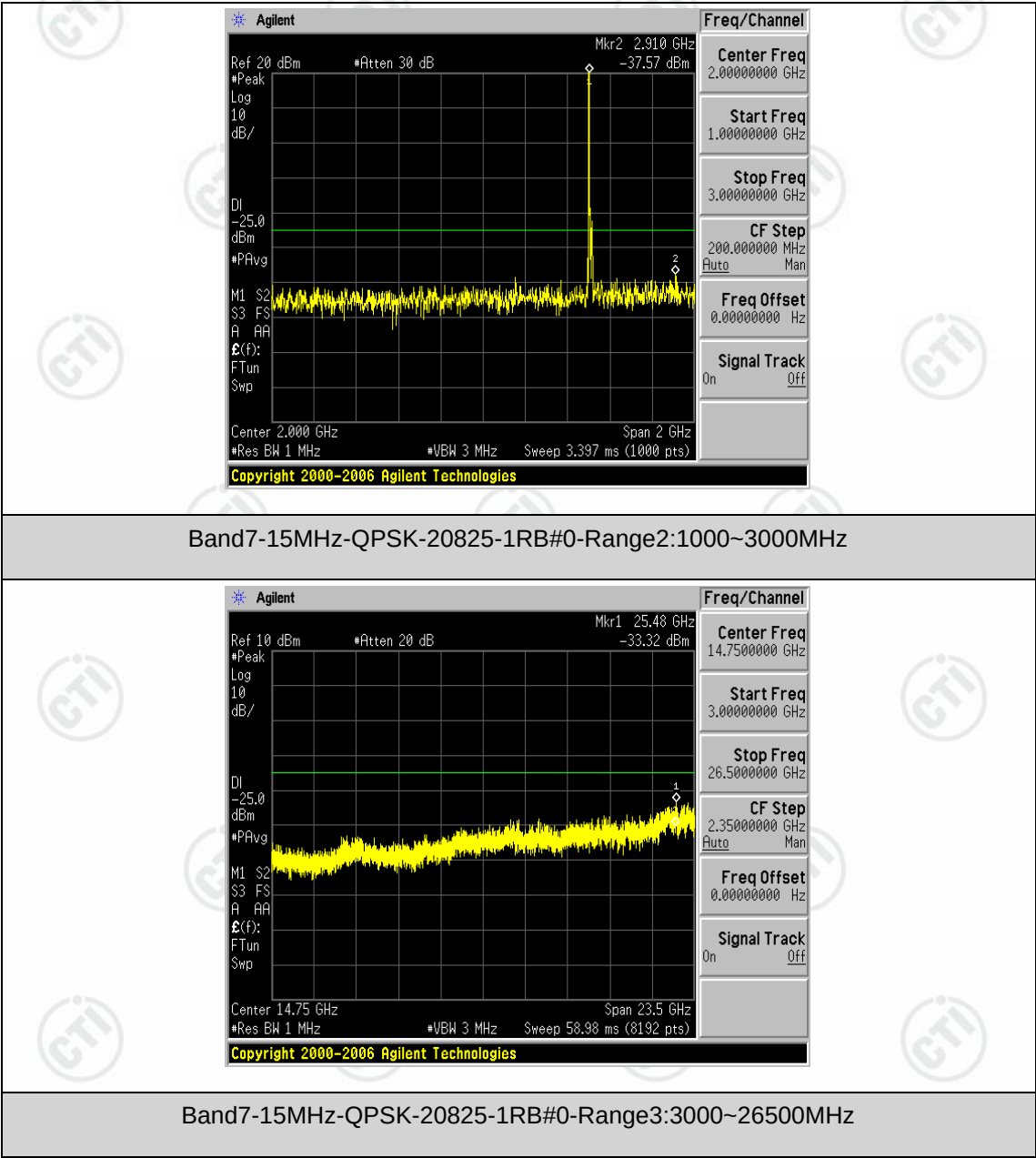
Signal Track
On Off

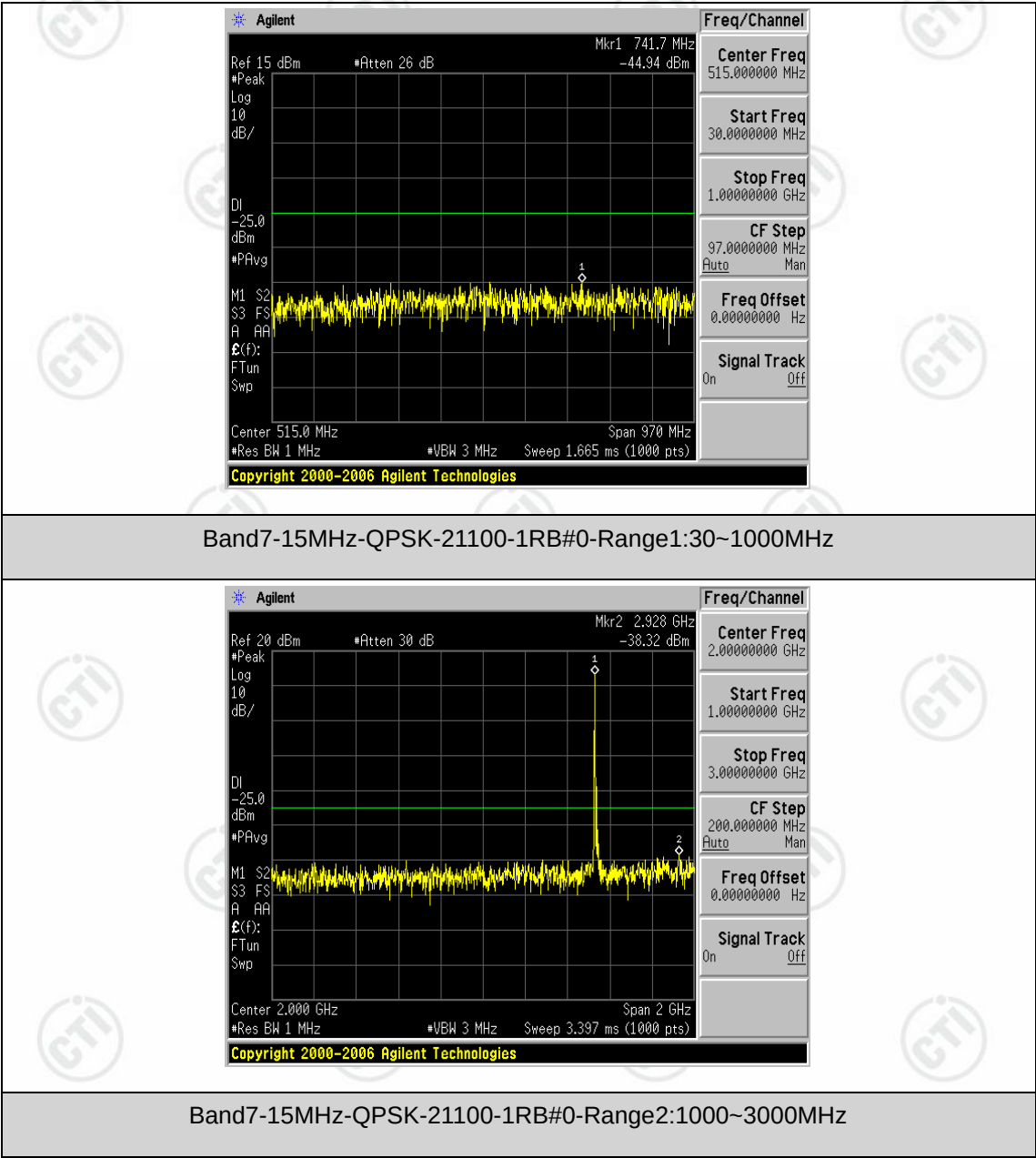
Band7-10MHz-16QAM-21100-1RB#0-Range1:30~1000MHz

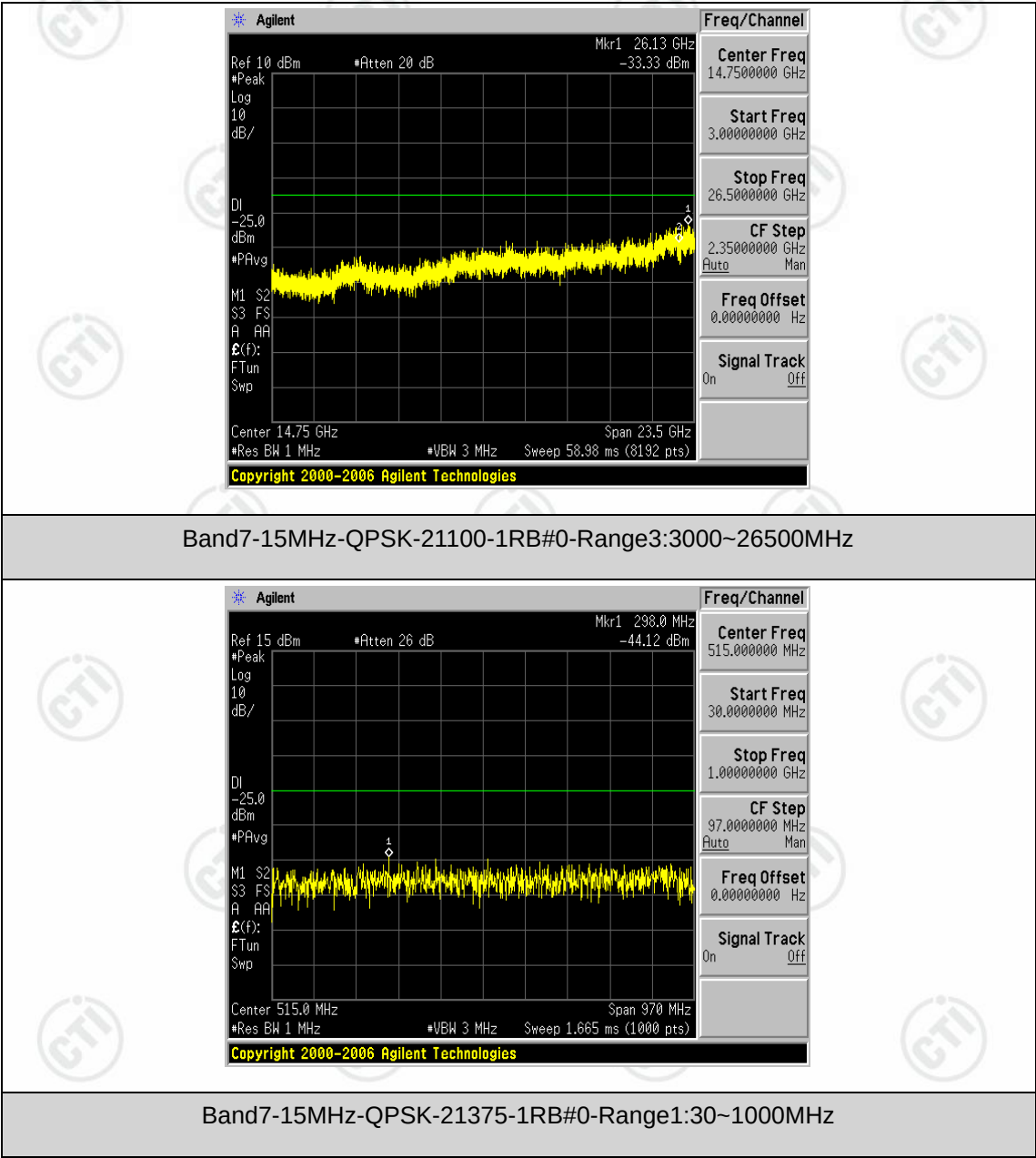


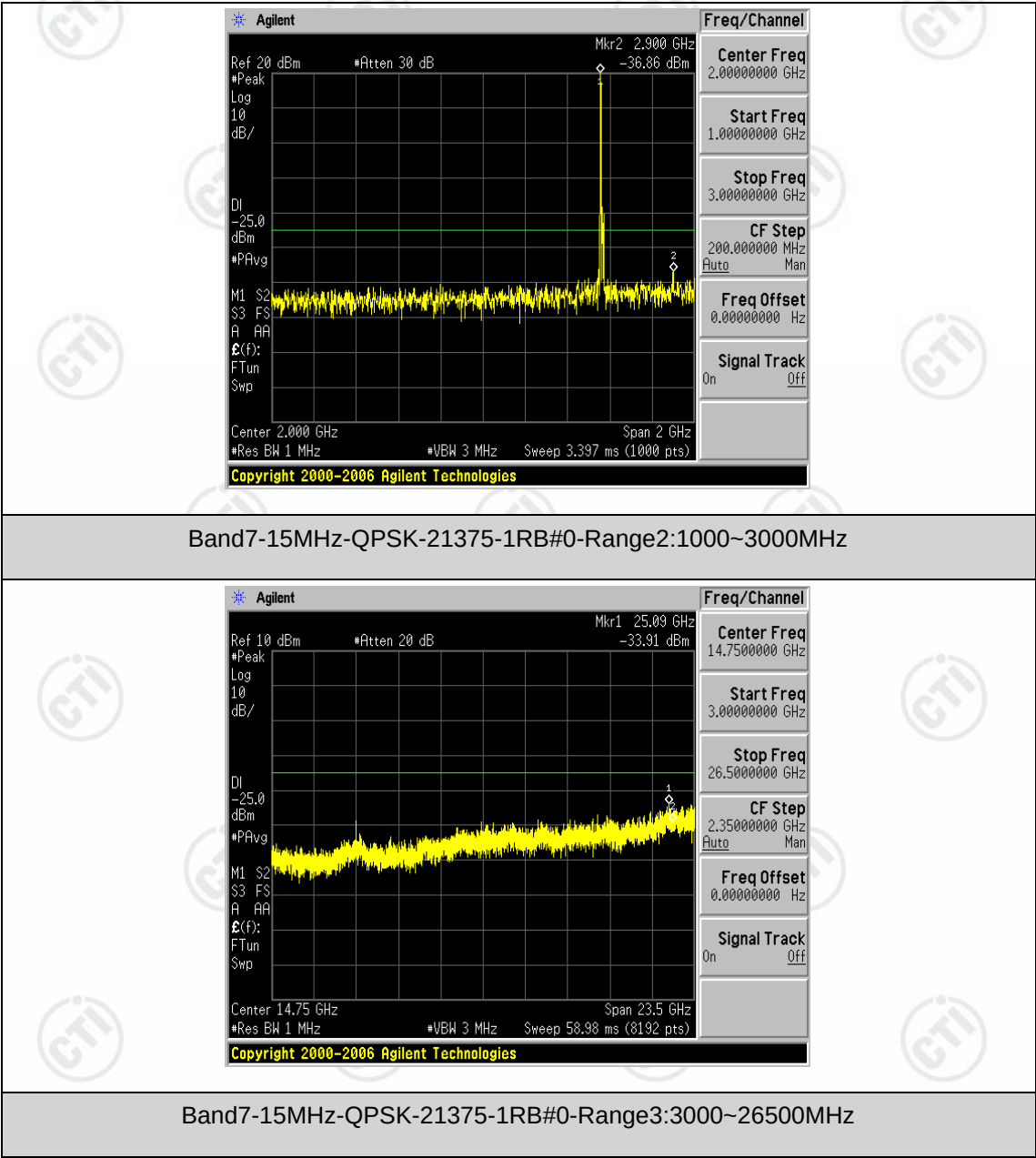


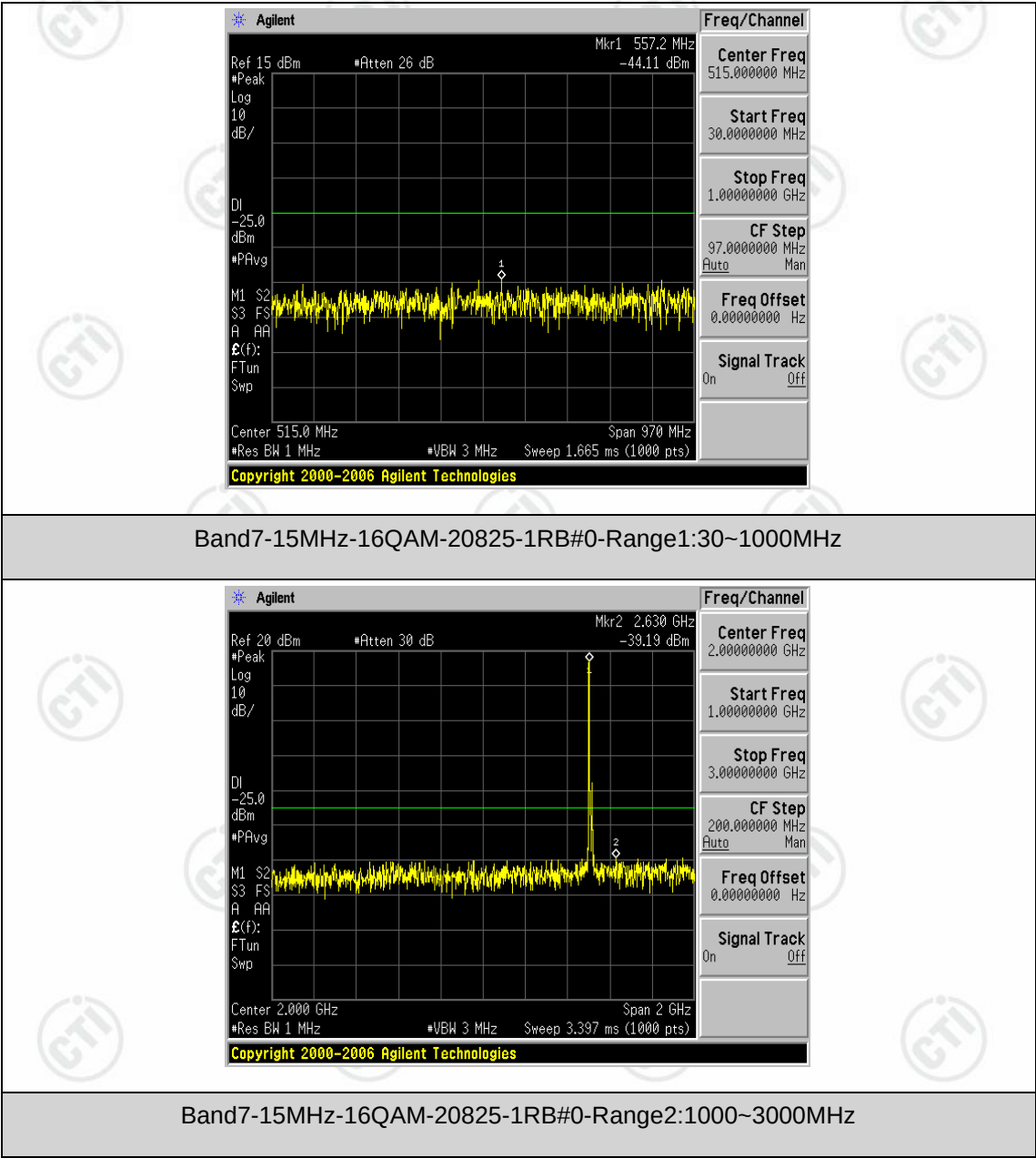


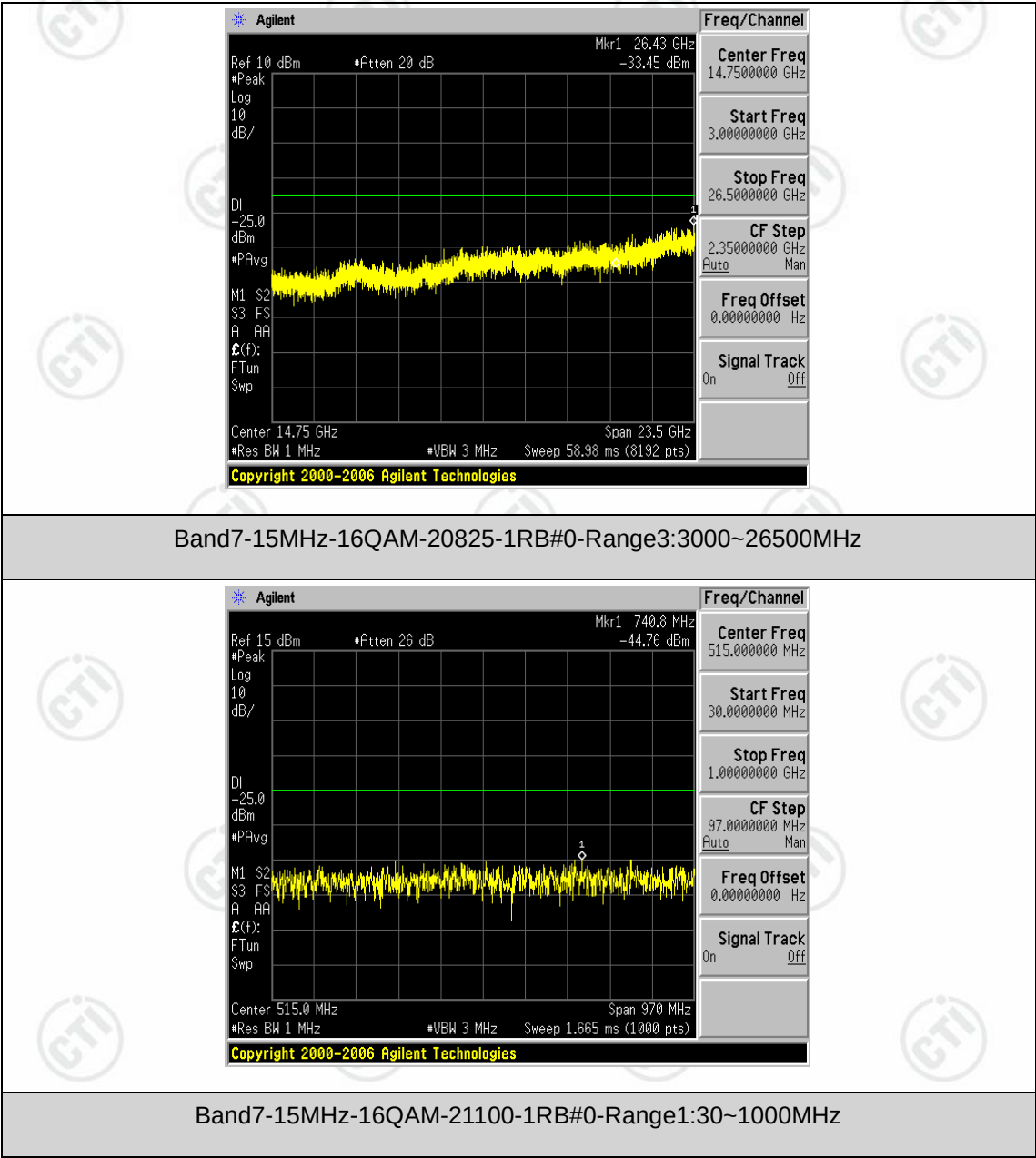


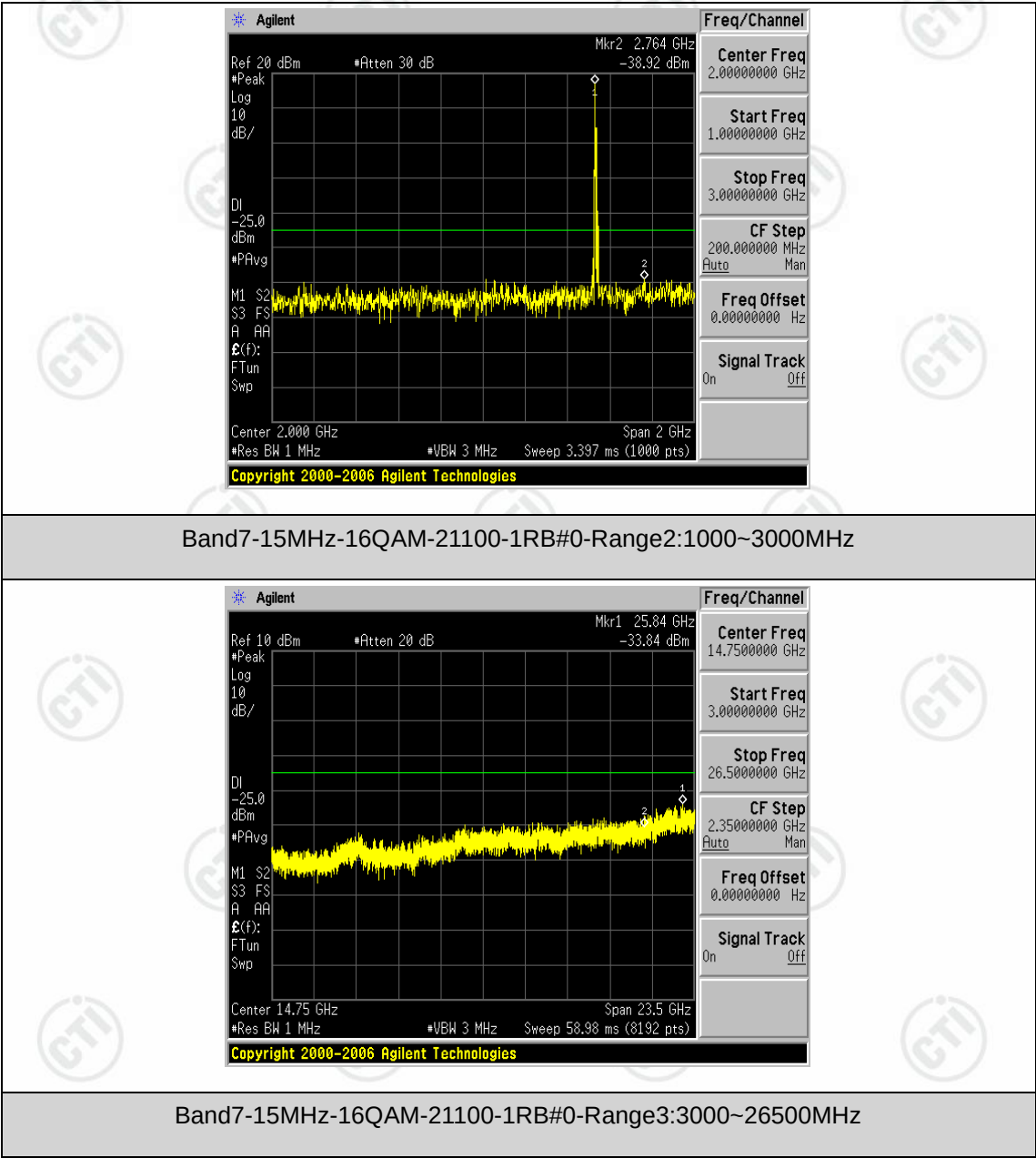


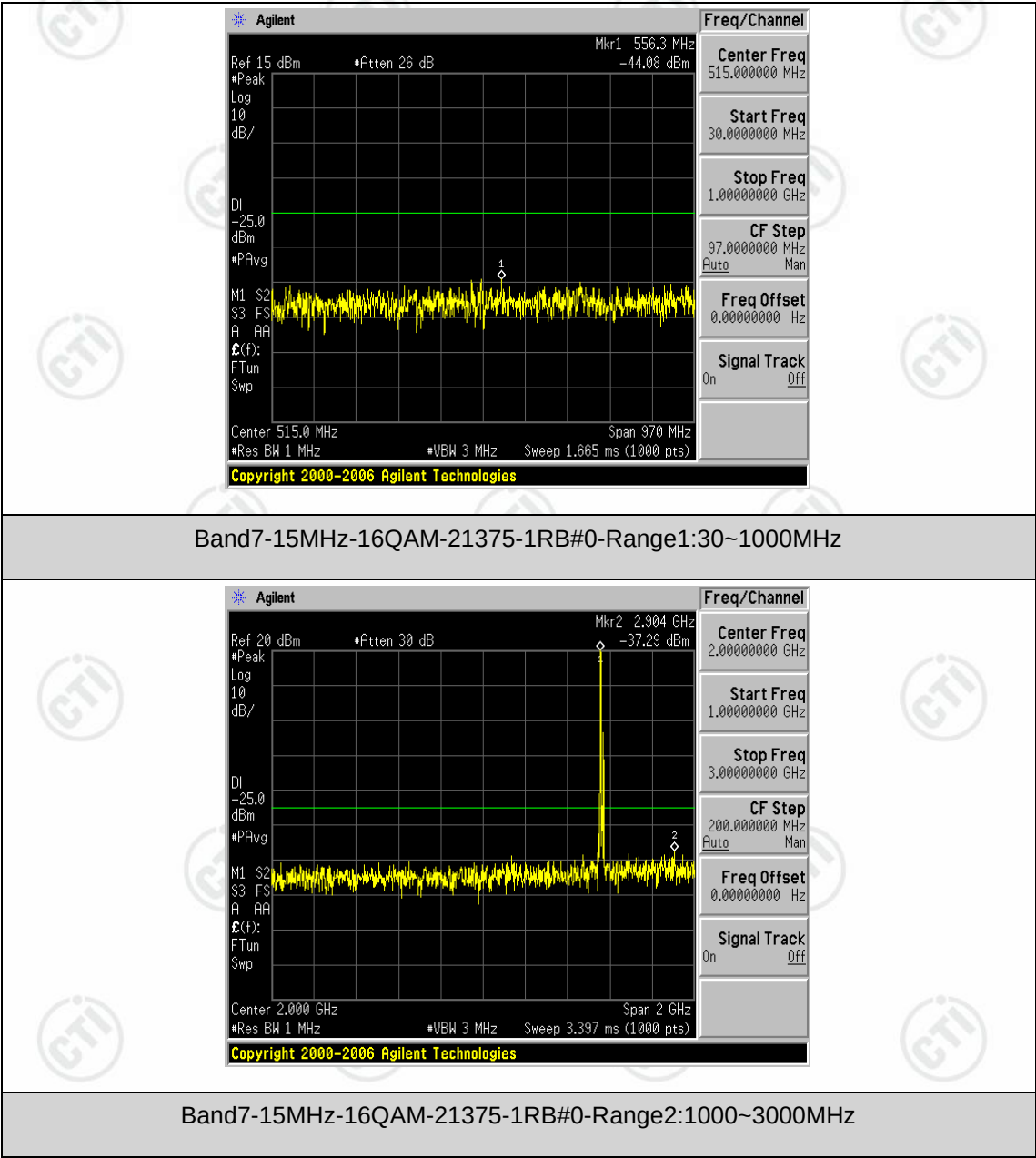


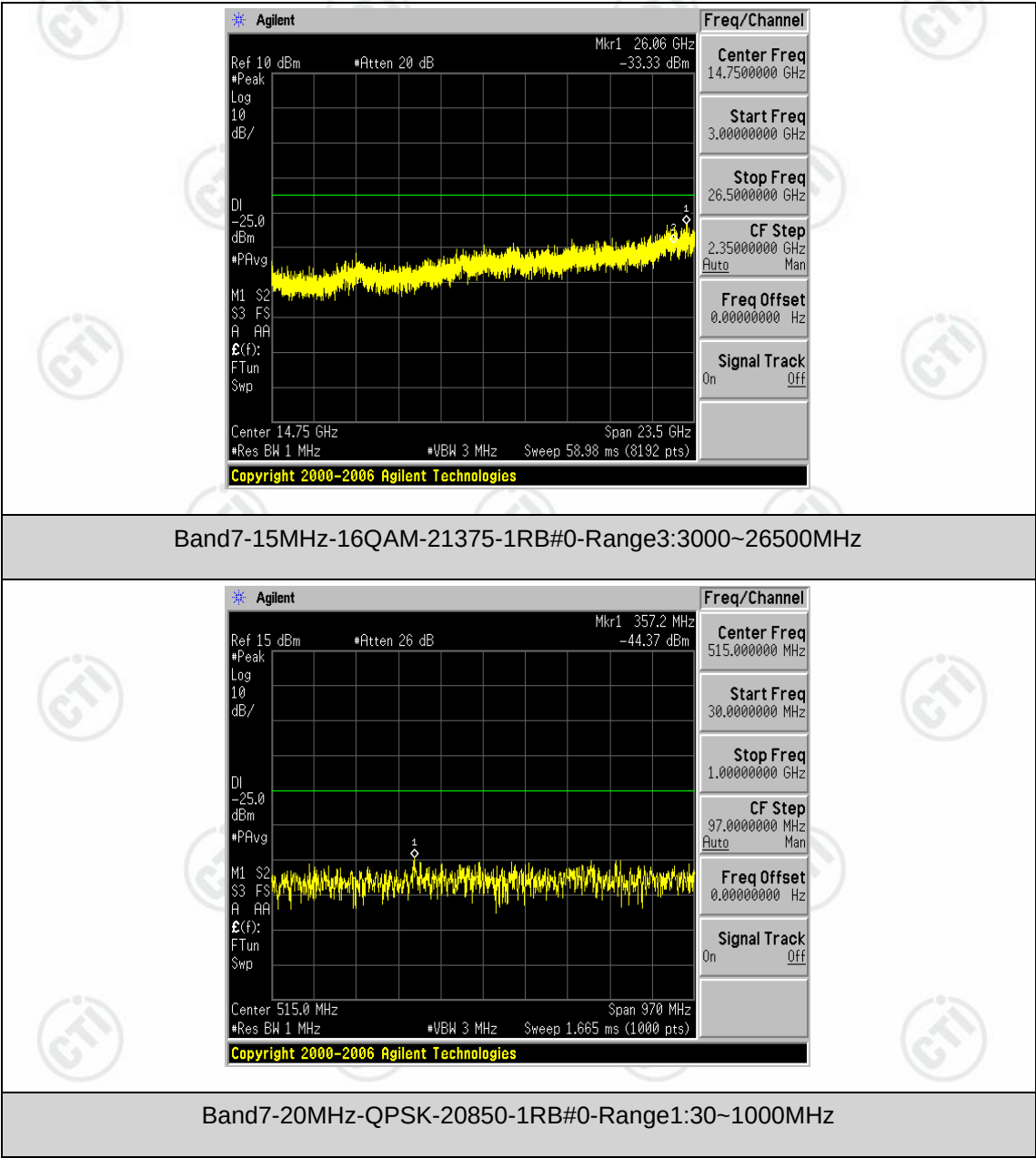


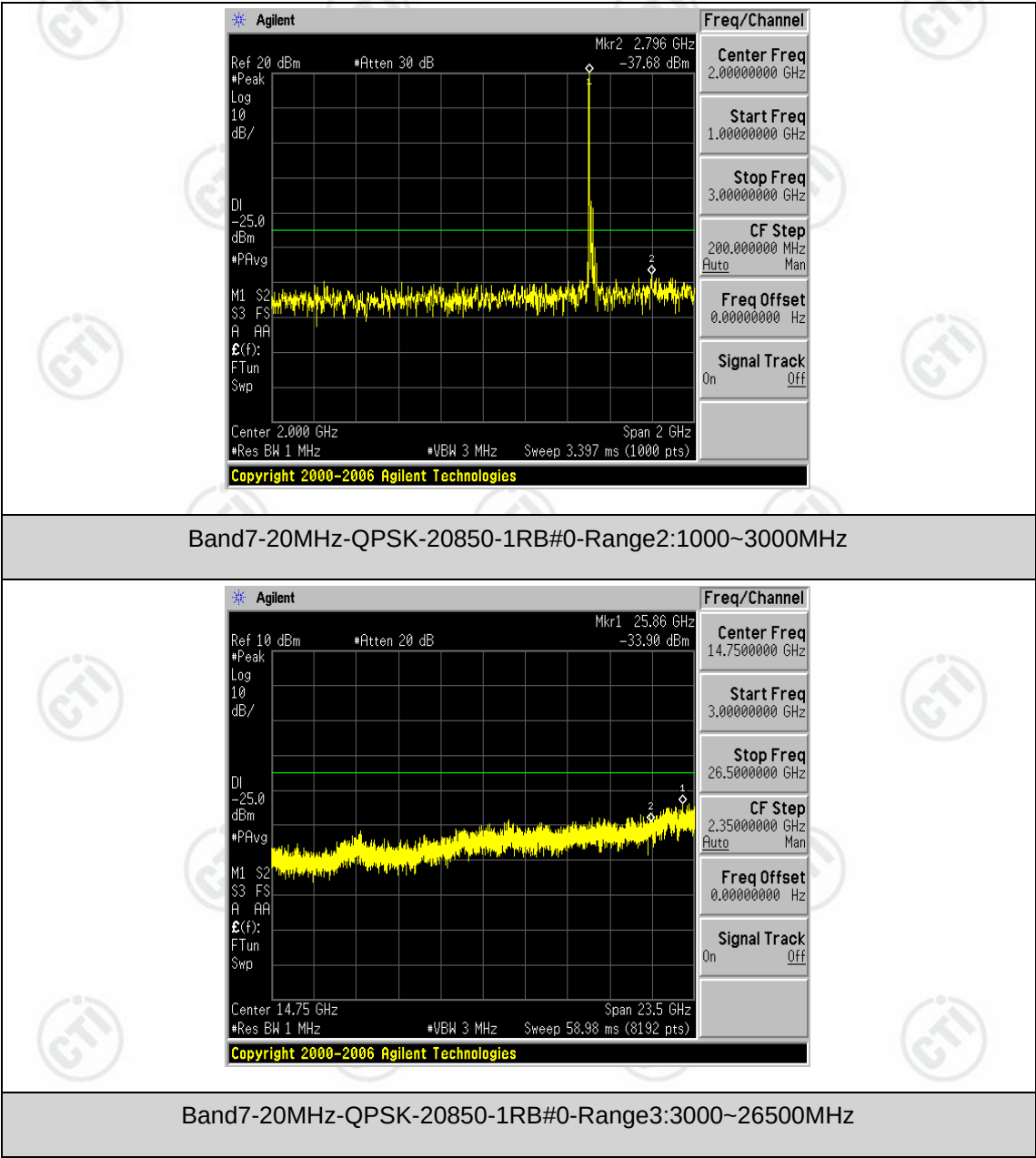


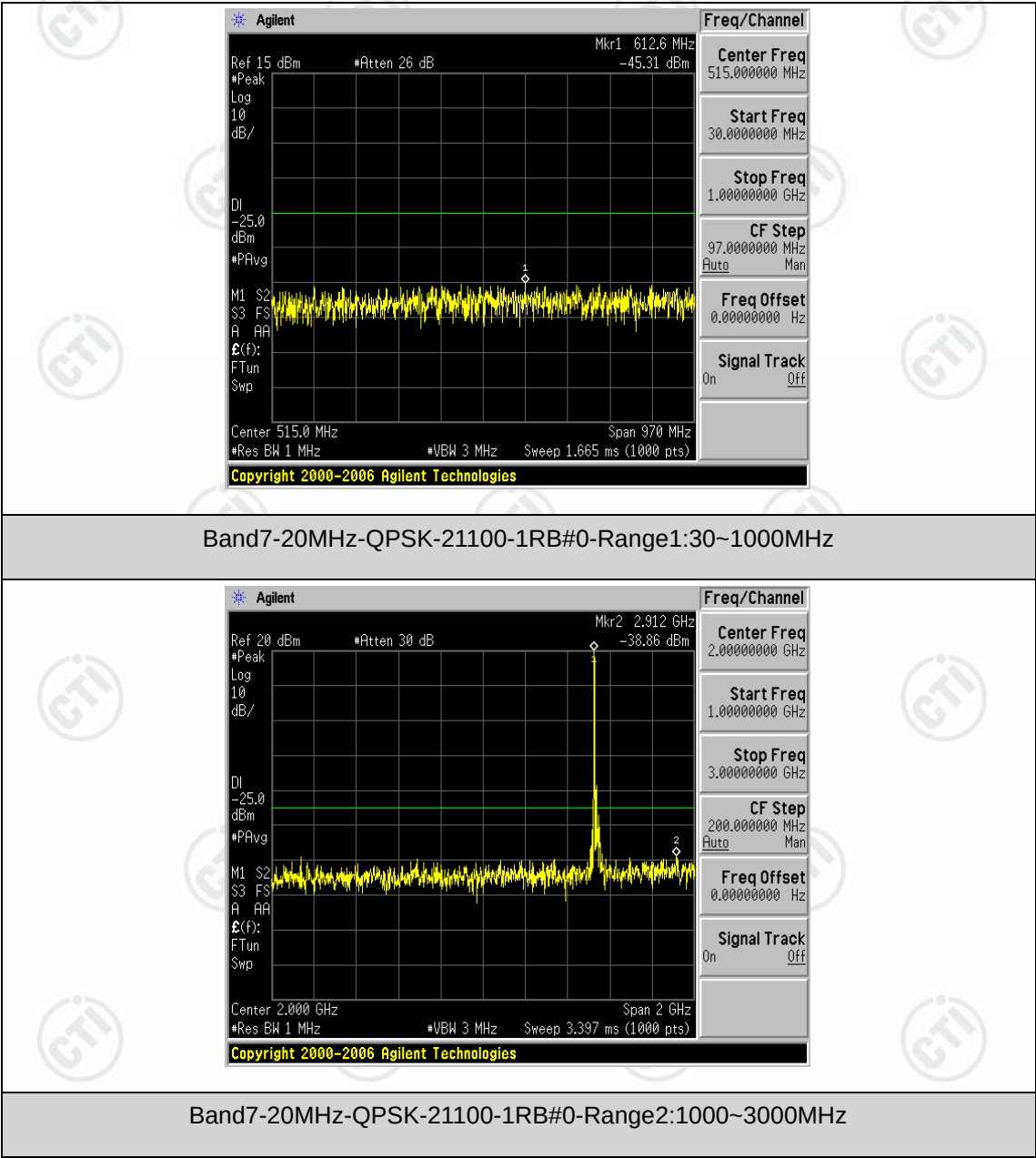


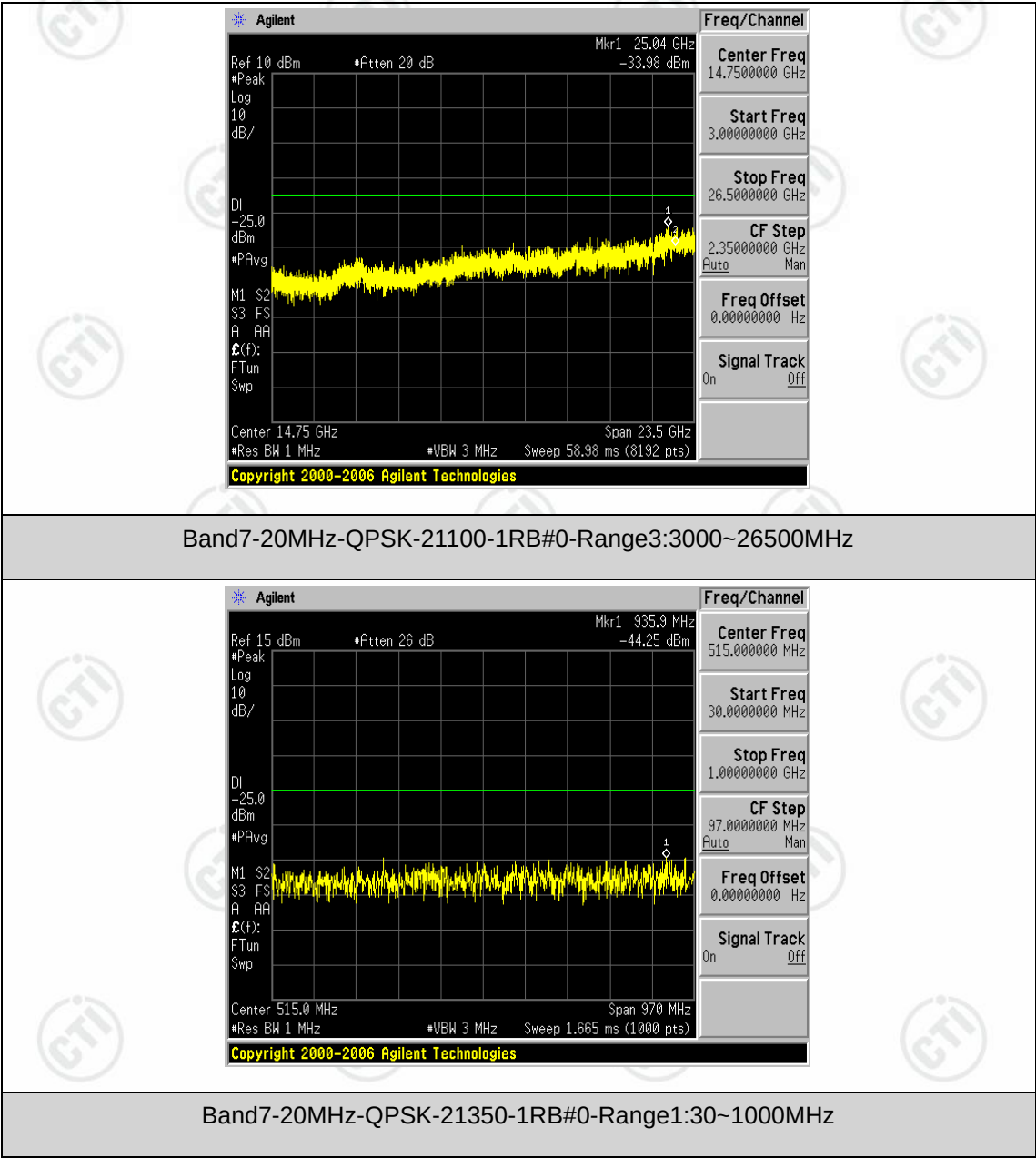


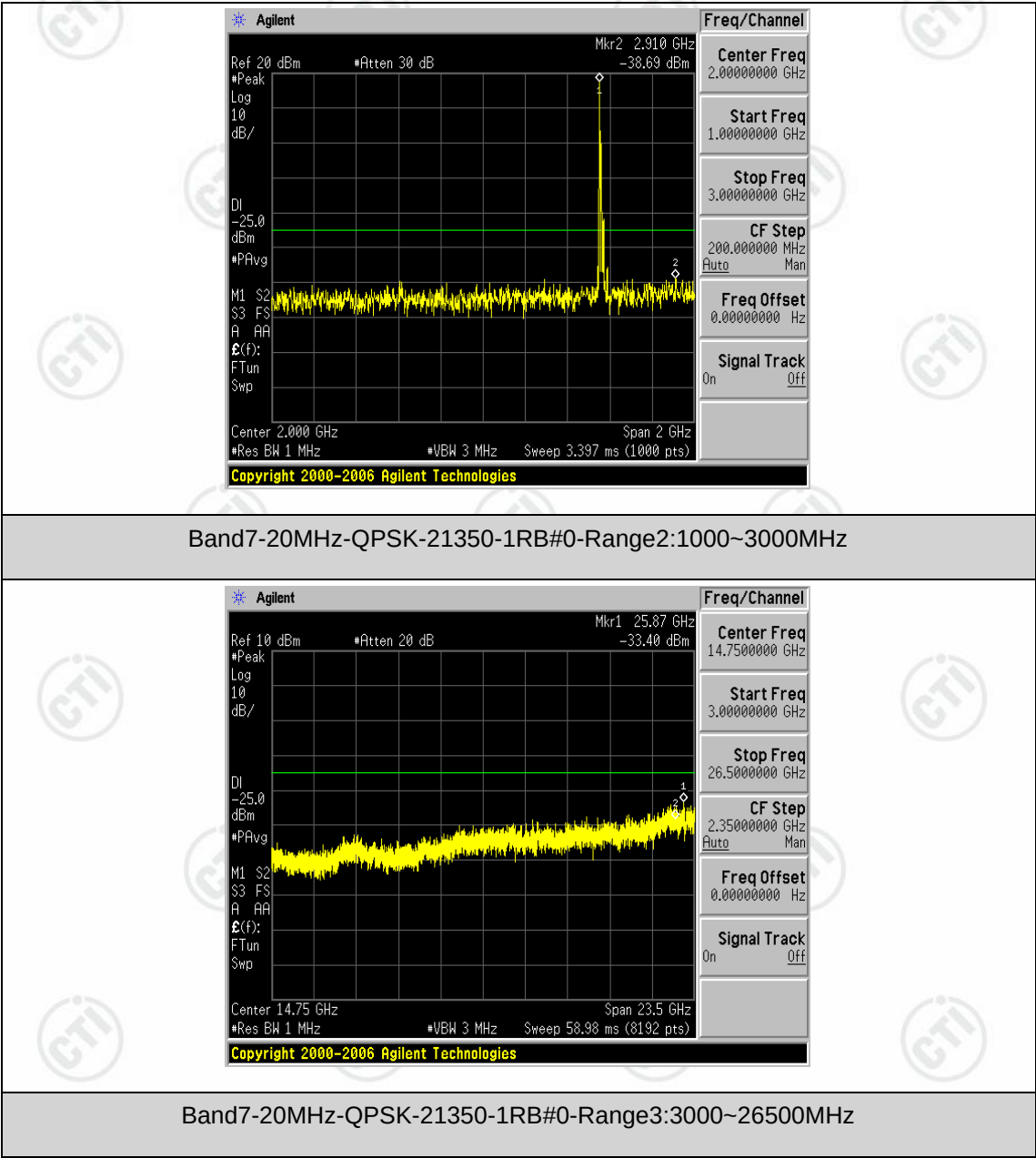


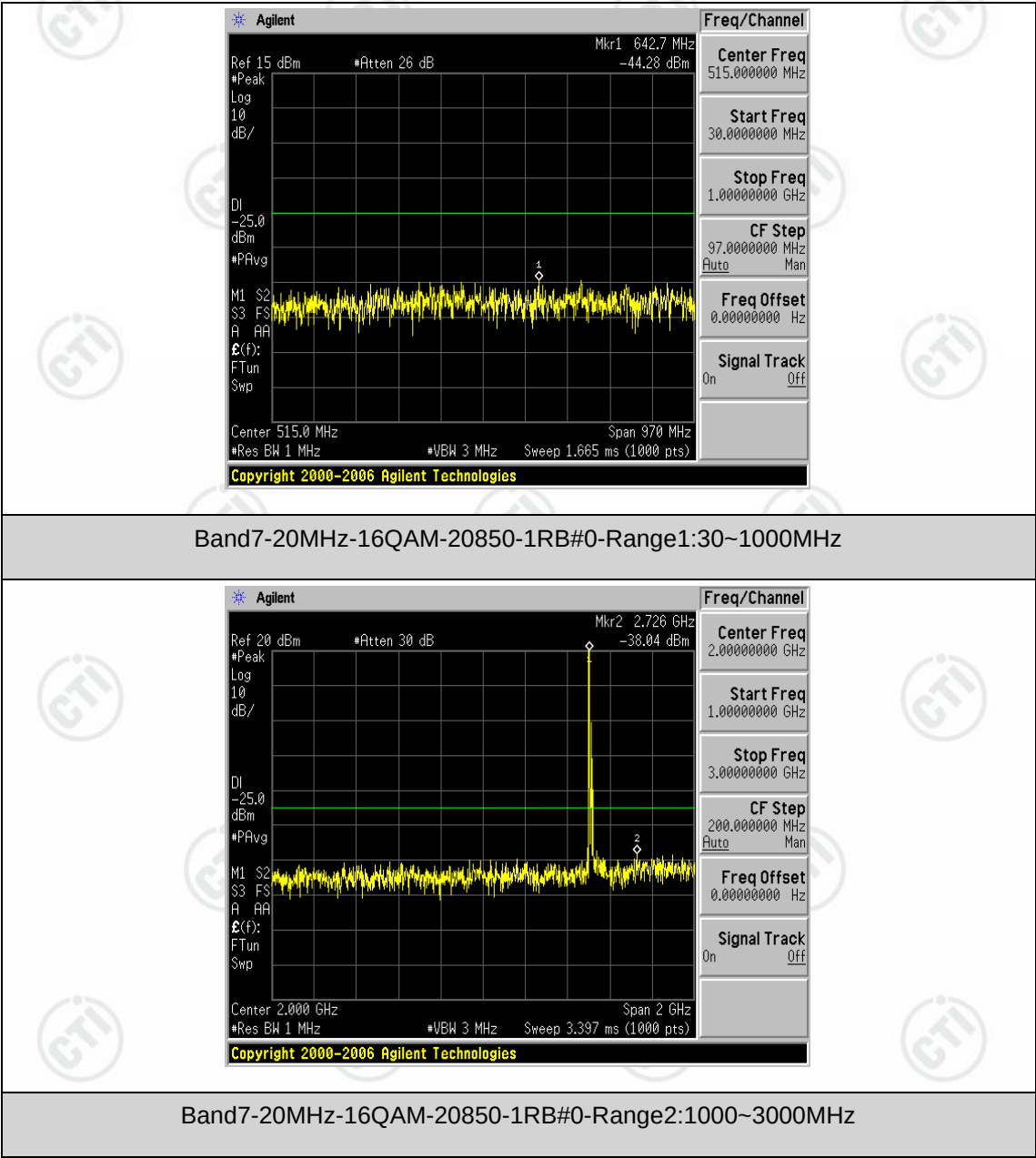


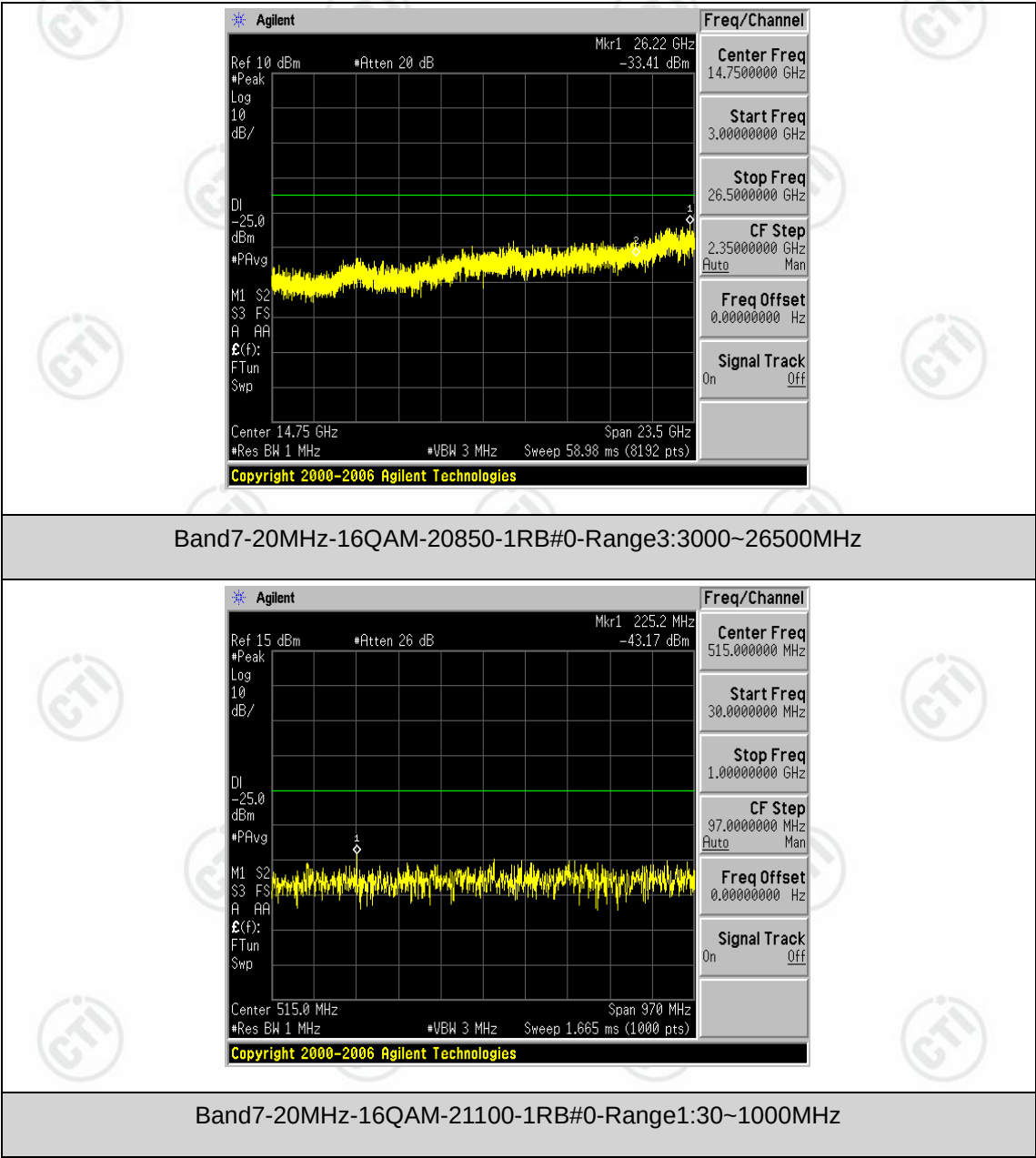


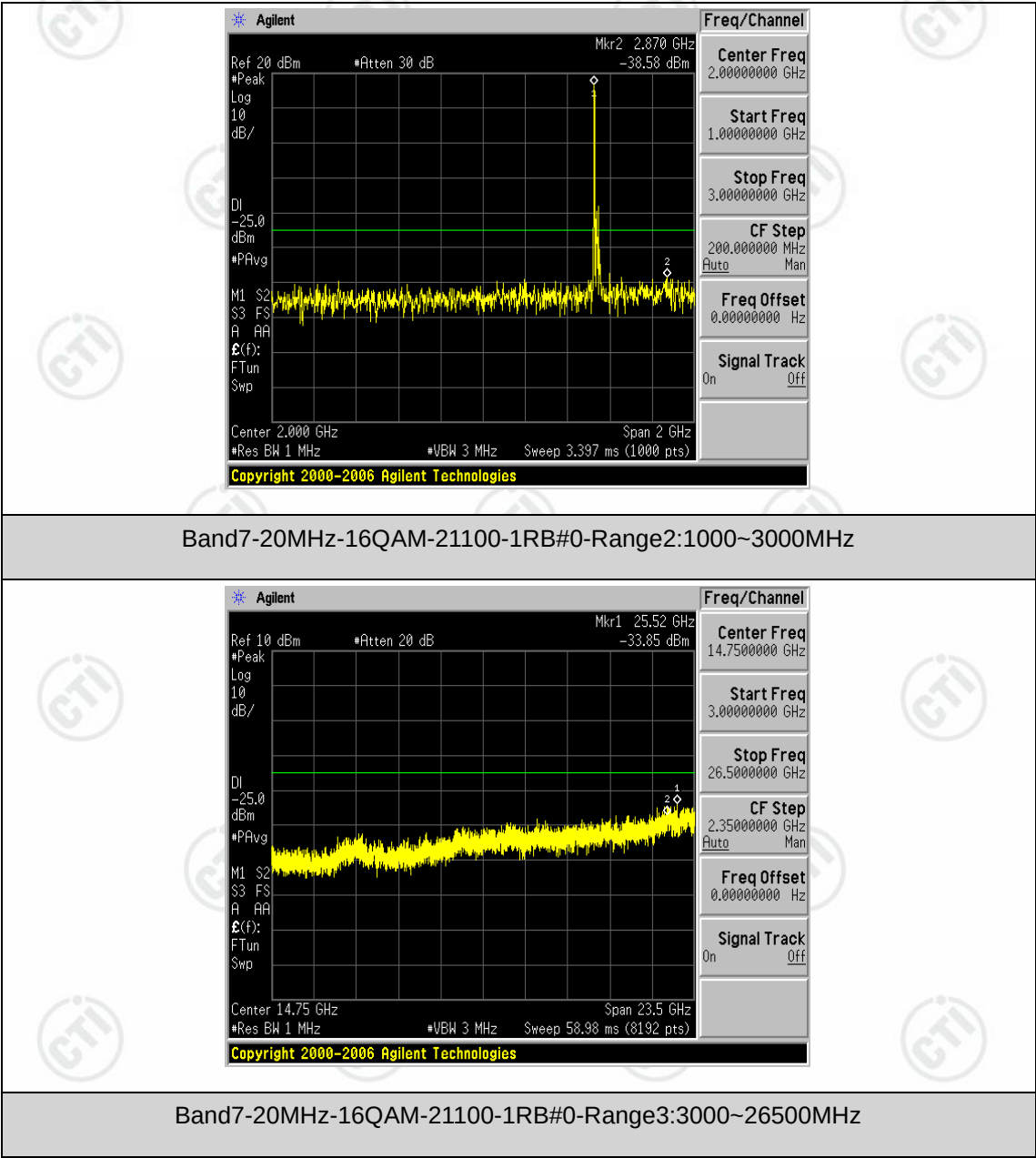


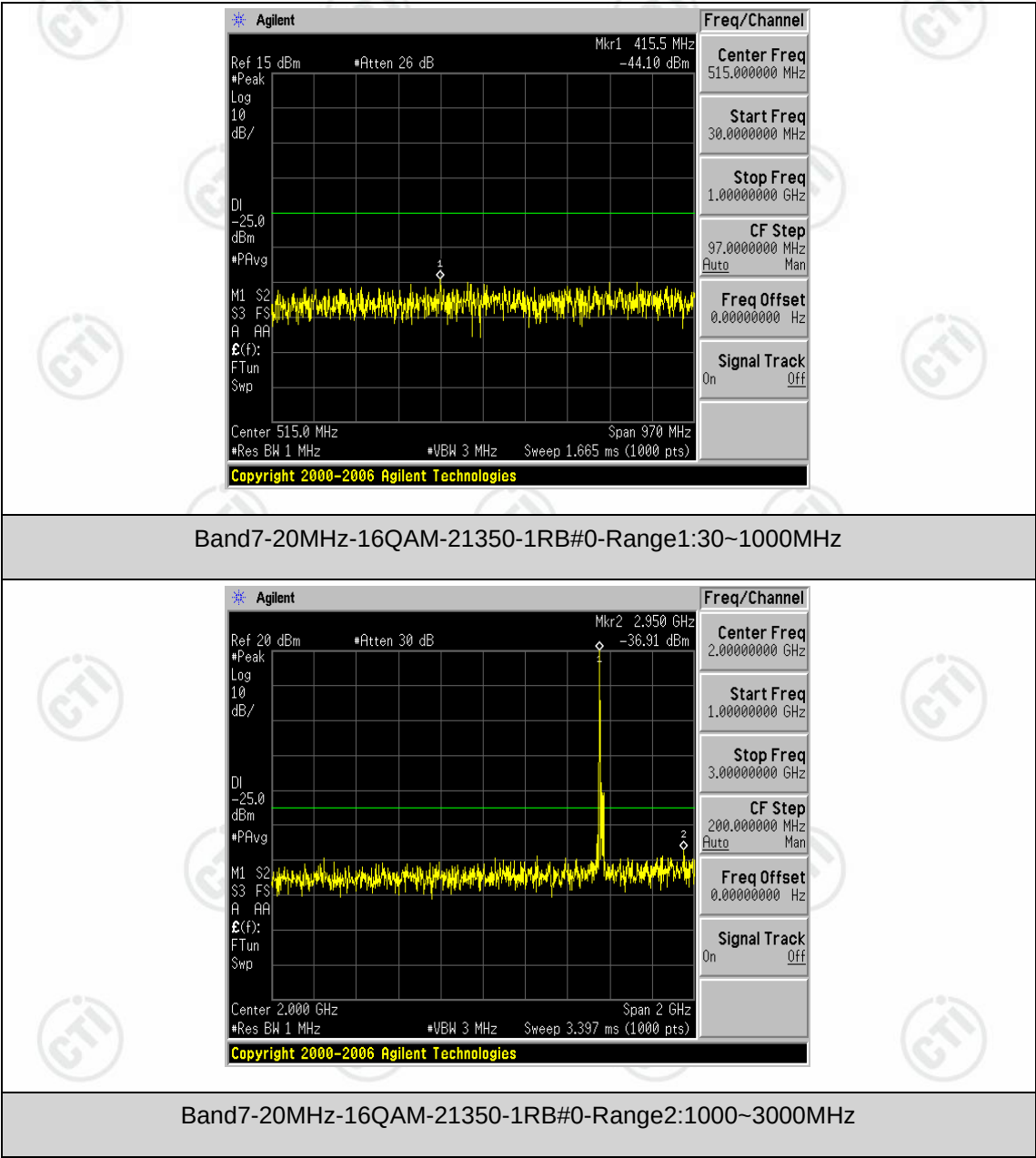


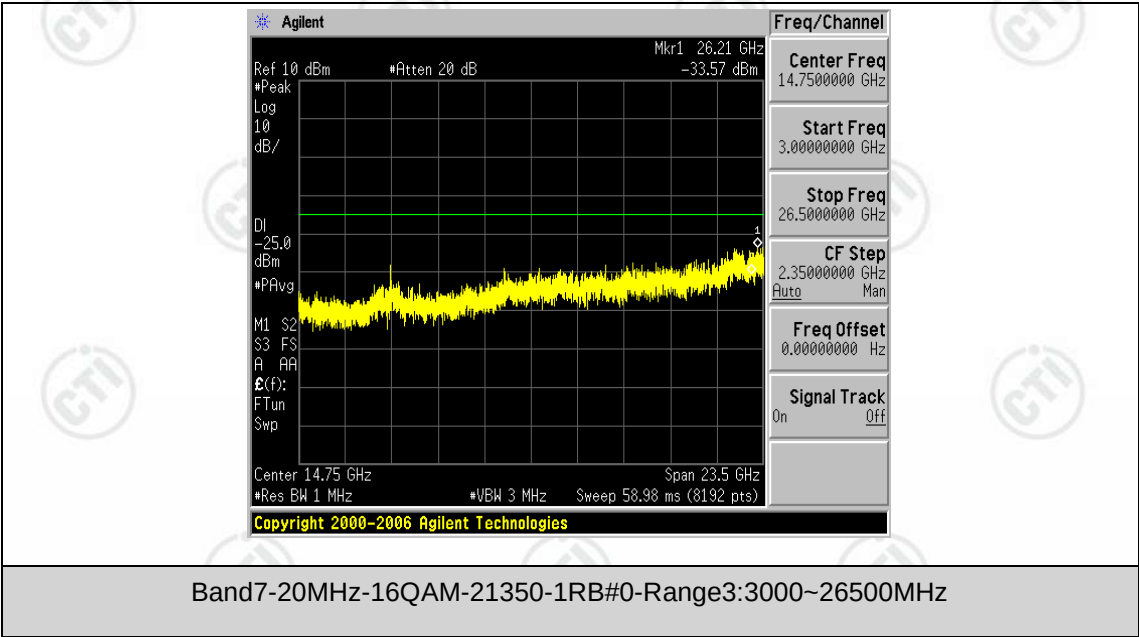












Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth h	Modulation n	Channel l	RB Configure	Voltage e [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	12.49	0.004991	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-6.69	-0.002673	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	18.64	0.007449	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	24.62	0.009712	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	17.18	0.006777	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	28.62	0.011290	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-27.22	-0.010602	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	7.45	0.002902	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-49.22	-0.019170	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	12.40	0.004955	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	41.56	0.016607	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	6.62	0.002645	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	31.31	0.012351	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	20.99	0.008280	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	32.50	0.012821	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-5.97	-0.002325	±2.5	PASS

Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-47.59	-0.018536	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-8.55	-0.003330	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	19.28	0.007697	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	16.57	0.006615	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	30.54	0.012192	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	23.85	0.009408	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	43.47	0.017148	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	11.77	0.004643	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-23.30	-0.009084	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-15.72	-0.006129	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-27.08	-0.010558	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	33.10	0.013214	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	44.63	0.017816	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	30.21	0.012060	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	50.55	0.019941	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	55.40	0.021854	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	12.77	0.005037	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-32.97	-0.012854	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-41.60	-0.016218	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-17.81	-0.006943	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	60.25	0.024028	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	39.10	0.015593	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	56.02	0.022341	±2.5	PASS

Band7	15MHz	QPSK	21100	75RB#0	VL	NT	28.25	0.011144	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	18.95	0.007475	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	38.91	0.015349	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	-14.35	-0.005600	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-16.31	-0.006365	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	-8.41	-0.003282	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	50.50	0.020140	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	59.91	0.023892	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	15.19	0.006058	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	27.17	0.010718	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	18.48	0.007290	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	36.78	0.014509	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	12.47	0.004866	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	17.50	0.006829	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	12.20	0.004761	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-66.10	-0.026335	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-16.54	-0.006590	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-53.17	-0.021183	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-9.40	-0.003708	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	29.51	0.011641	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	22.85	0.009014	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-11.34	-0.004430	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-9.17	-0.003582	±2.5	PASS

Band7	20MHz	QPSK	21350	100RB#0	VH	NT	14.89	0.005816	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	48.52	0.019331	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	22.86	0.009108	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	37.59	0.014976	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-15.45	-0.006095	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	46.71	0.018426	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	11.50	0.004536	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	32.01	0.012504	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	31.14	0.012164	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	34.59	0.013512	±2.5	PASS

Temperature										
Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	26.25	0.010490	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	30.64	0.012244	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	34.58	0.013818	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	36.78	0.014697	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	35.98	0.014378	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	32.40	0.012781	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	27.95	0.011026	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	26.59	0.010489	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	30.74	0.012126	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	24.22	0.009554	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	22.03	0.008580	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	18.53	0.007217	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	11.99	0.004670	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-14.41	-0.005612	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-34.20	-0.013320	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	19.05	0.007612	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	22.16	0.008855	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	33.40	0.013347	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	41.96	0.016767	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	46.56	0.018605	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	-30	30.68	0.012103	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	34.40	0.013570	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	41.56	0.016394	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	48.74	0.019227	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	13.43	0.005298	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-18.17	-0.007077	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-19.88	-0.007743	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-16.04	-0.006247	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-15.36	-0.005982	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-12.82	-0.004993	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	35.51	0.014176	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	31.79	0.012691	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	37.65	0.015030	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	43.72	0.017453	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-13.60	-0.005429	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	31.86	0.012568	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	49.52	0.019535	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	7.84	0.003093	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	18.73	0.007389	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	23.96	0.009452	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-24.09	-0.009392	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-29.30	-0.011423	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-40.93	-0.015957	±2.5	PASS

Band7	10MHz	QPSK	21400	50RB#0	NV	10	-45.15	-0.017602	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-46.76	-0.018230	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-9.18	-0.003665	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	36.52	0.014579	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	38.97	0.015557	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	15.78	0.006299	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	50.98	0.020351	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	24.81	0.009787	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	42.36	0.016710	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-21.94	-0.008655	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-12.49	-0.004927	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	16.44	0.006485	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-16.45	-0.006413	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-10.46	-0.004078	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	11.56	0.004507	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	15.71	0.006125	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	12.03	0.004690	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	11.09	0.004423	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	26.34	0.010504	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	41.60	0.016590	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	6.77	0.002700	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	22.79	0.009089	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	46.06	0.018170	±2.5	PASS

Band7	15MHz	QPSK	21100	75RB#0	NV	-20	55.15	0.021755	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	32.52	0.012828	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	33.19	0.013093	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	42.67	0.016832	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	11.54	0.004503	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	14.35	0.005600	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	17.24	0.006728	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	13.13	0.005124	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	13.20	0.005151	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	28.74	0.011462	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	43.77	0.017456	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-13.78	-0.005496	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	16.57	0.006608	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	18.67	0.007446	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	38.02	0.014998	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	45.56	0.017972	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	50.51	0.019925	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	52.81	0.020832	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	60.98	0.024055	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	13.38	0.005221	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	12.10	0.004722	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-5.32	-0.002076	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	8.57	0.003344	±2.5	PASS

Band7	15MHz	16QAM	21375	75RB#0	NV	20	9.70	0.003785	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	6.49	0.002586	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	28.71	0.011438	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	39.18	0.015610	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	26.82	0.010685	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	41.21	0.016418	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	32.84	0.012955	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	47.24	0.018635	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	48.95	0.019310	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	29.51	0.011641	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	31.21	0.012312	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	18.98	0.007414	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	18.07	0.007059	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	24.32	0.009500	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	27.95	0.010918	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	30.41	0.011879	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	21.53	0.008578	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	39.48	0.015729	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	15.55	0.006195	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	39.54	0.015753	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	53.59	0.021351	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	12.49	0.004927	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	19.63	0.007744	±2.5	PASS

Band7	20MHz	16QAM	21100	100RB#0	NV	0	29.27	0.011546	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	28.17	0.011112	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	27.29	0.010765	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	32.13	0.012551	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	32.90	0.012852	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	30.41	0.011879	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	32.64	0.012750	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	31.81	0.012426	±2.5	PASS

*** End of Report ***