



Appendix B

E-UTRA Band CA_41C



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CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	3
1.1	MAX POWER TEST RESULT FOR LTE BAND CA_41C.....	3
2	PEAK-TO-AVERAGE RATIO	8
2.1	FOR LTE.....	9
2.1.1	Test Band = LTE Band CA_41C.....	9
3	MODULATION CHARACTERISTICS	21
3.1	FOR LTE.....	21
3.1.1	Test Band = LTE Band CA_41C.....	21
4	26DB BANDWIDTH AND OCCUPIED BANDWIDTH	25
4.1	FOR LTE OCCUPIED BANDWIDTH.....	29
4.1.1	Test Band = LTE Band CA_41C.....	29
4.2	FOR LTE 26DB BANDWIDTH.....	149
4.2.1	Test Band = LTE Band CA_41C.....	149
5	BAND EDGES COMPLIANCE	269
5.1	FOR LTE.....	269
5.1.1	Test Band = LTE Band CA_41C.....	269
6	SPURIOUS EMISSION AT ANTENNA TERMINAL	277
6.1	FOR LTE.....	277
6.1.1	Test Band = LTE Band CA_41C.....	277
7	FREQUENCY STABILITY.....	294
7.1	FREQUENCY ERROR VS. VOLTAGE	294
7.2	FREQUENCY ERROR VS. TEMPERATURE	295



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1 Effective (Isotropic) Radiated Power Output Data

1.1 Max Power Test Result for LTE Band CA_41C

BAND	Test Mode PCC/SCC	Channel PCC/SCC	RB Configuration		Modulation PCC&SCC	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
			PCC	SCC					
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	QPSK	25.02	26.54	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	QPSK	24.89	26.41	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	QPSK	24.98	26.5	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	QPSK	24.83	26.35	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	QPSK	24.95	26.47	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	QPSK	24.86	26.38	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	QPSK	24.94	26.46	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	QPSK	24.95	26.47	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	QPSK	24.83	26.35	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	QPSK	24.96	26.48	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	QPSK	24.87	26.39	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	QPSK	24.91	26.43	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	QPSK	24.97	26.49	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	QPSK	24.75	26.27	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	QPSK	24.91	26.43	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	QPSK	24.69	26.21	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	QPSK	24.94	26.46	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	QPSK	24.79	26.31	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	QPSK	24.85	26.37	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	QPSK	24.87	26.39	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	QPSK	24.93	26.45	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	QPSK	24.89	26.41	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	QPSK	24.93	26.45	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	QPSK	24.88	26.4	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	QPSK	24.95	26.47	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	QPSK	24.69	26.21	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	QPSK	24.96	26.48	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	QPSK	24.72	26.24	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	QPSK	24.92	26.44	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	QPSK	24.71	26.23	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	QPSK	25.03	26.55	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	QPSK	24.78	26.3	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	QPSK	24.92	26.44	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	QPSK	24.67	26.19	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	QPSK	24.95	26.47	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	QPSK	24.75	26.27	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	QPSK	24.76	26.28	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	QPSK	24.92	26.44	33.00	PASS



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CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	QPSK	24.94	26.46	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	QPSK	24.69	26.21	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	QPSK	24.88	26.4	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	QPSK	24.67	26.19	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	16QAM	24.21	25.73	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	16QAM	24.08	25.6	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	16QAM	24.17	25.69	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	16QAM	24.02	25.54	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	16QAM	24.14	25.66	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	16QAM	24.05	25.57	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	16QAM	24.13	25.65	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	16QAM	24.14	25.66	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	16QAM	24.02	25.54	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	16QAM	24.15	25.67	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	16QAM	24.06	25.58	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	16QAM	24.1	25.62	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	16QAM	24.16	25.68	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	16QAM	23.94	25.46	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	16QAM	24.1	25.62	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	16QAM	23.88	25.4	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	16QAM	24.13	25.65	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	16QAM	23.98	25.5	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	16QAM	24.04	25.56	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	16QAM	24.06	25.58	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	16QAM	24.12	25.64	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	16QAM	24.08	25.6	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	16QAM	24.12	25.64	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	16QAM	24.07	25.59	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	16QAM	24.14	25.66	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	16QAM	23.88	25.4	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	16QAM	24.15	25.67	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	16QAM	23.91	25.43	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	16QAM	24.11	25.63	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	16QAM	23.9	25.42	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	16QAM	24.22	25.74	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	16QAM	23.97	25.49	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	16QAM	24.11	25.63	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	16QAM	23.86	25.38	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	16QAM	24.14	25.66	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	16QAM	23.94	25.46	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	16QAM	23.95	25.47	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	16QAM	24.11	25.63	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	16QAM	24.13	25.65	33.00	PASS



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CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	16QAM	23.88	25.4	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	16QAM	24.07	25.59	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	16QAM	23.86	25.38	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	64QAM	23.44	24.96	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	64QAM	23.17	24.69	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	64QAM	23.13	24.65	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	64QAM	22.99	24.51	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	64QAM	23.17	24.69	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	64QAM	23.02	24.54	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	64QAM	23.17	24.69	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	64QAM	23.37	24.89	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	64QAM	23.15	24.67	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	64QAM	23.41	24.93	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	64QAM	23.04	24.56	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	64QAM	23.21	24.73	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	64QAM	23.21	24.73	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	64QAM	23.18	24.7	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	64QAM	23.16	24.68	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	64QAM	23.05	24.57	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	64QAM	23.13	24.65	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	64QAM	23.09	24.61	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	64QAM	23.09	24.61	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	64QAM	23.03	24.55	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	64QAM	23.16	24.68	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	64QAM	23.03	24.55	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	64QAM	23.18	24.7	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	64QAM	23.17	24.69	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	64QAM	23.33	24.85	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	64QAM	22.90	24.42	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	64QAM	23.11	24.63	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	64QAM	23.10	24.62	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	64QAM	23.19	24.71	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	64QAM	23.02	24.54	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	64QAM	23.52	25.04	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	64QAM	22.94	24.46	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	64QAM	23.11	24.63	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	64QAM	22.87	24.39	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	64QAM	23.32	24.84	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	64QAM	23.14	24.66	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	64QAM	23.14	24.66	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	64QAM	23.05	24.57	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	64QAM	23.08	24.6	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	64QAM	22.95	24.47	33.00	PASS



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CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	64QAM	23.35	24.87	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	64QAM	23.07	24.59	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	256QAM	21.50	23.02	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	256QAM	21.31	22.83	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	256QAM	21.58	23.1	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	256QAM	21.25	22.77	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	256QAM	21.29	22.81	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	256QAM	21.17	22.69	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	256QAM	21.36	22.88	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	256QAM	21.41	22.93	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	256QAM	21.20	22.72	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	256QAM	21.30	22.82	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	256QAM	21.34	22.86	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	256QAM	21.16	22.68	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	256QAM	21.45	22.97	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	256QAM	21.28	22.8	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	256QAM	21.47	22.99	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	256QAM	21.00	22.52	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	256QAM	21.54	23.06	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	256QAM	21.22	22.74	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	256QAM	21.22	22.74	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	256QAM	21.16	22.68	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	256QAM	21.35	22.87	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	256QAM	21.46	22.98	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	256QAM	21.24	22.76	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	256QAM	21.26	22.78	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	256QAM	21.27	22.79	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	256QAM	21.13	22.65	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	256QAM	21.45	22.97	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	256QAM	21.12	22.64	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	256QAM	21.27	22.79	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	256QAM	21.00	22.52	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	256QAM	21.32	22.84	33.00	PASS



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Report No.: SUZR/2021/7002001

Page: 7 of 296

CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	256QAM	21.24	22.76	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	256QAM	21.42	22.94	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	256QAM	21.04	22.56	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	256QAM	21.46	22.98	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	256QAM	21.34	22.86	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	256QAM	21.08	22.6	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	256QAM	21.32	22.84	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	256QAM	21.40	22.92	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	256QAM	21.50	23.02	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	256QAM	21.31	22.83	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	256QAM	21.58	23.1	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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2 Peak-to-Average Ratio

Part I - Test Results

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_41C	QPSK	100RB+100RB	39750+39948	100RB#0	100RB#0	7.00	13.00	PASS
CA_41C	QPSK	100RB+100RB	40521+40719	100RB#0	100RB#0	6.42	13.00	PASS
CA_41C	QPSK	100RB+100RB	41292+41490	100RB#0	100RB#0	4.24	13.00	PASS
CA_41C	16QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	7.12	13.00	PASS
CA_41C	16QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	6.46	13.00	PASS
CA_41C	16QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	7.76	13.00	PASS
CA_41C	64QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	6.32	13.00	PASS
CA_41C	64QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	7.08	13.00	PASS
CA_41C	64QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	4.44	13.00	PASS
CA_41C	256QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	7.78	13.00	PASS
CA_41C	256QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	6.96	13.00	PASS
CA_41C	256QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	4.46	13.00	PASS



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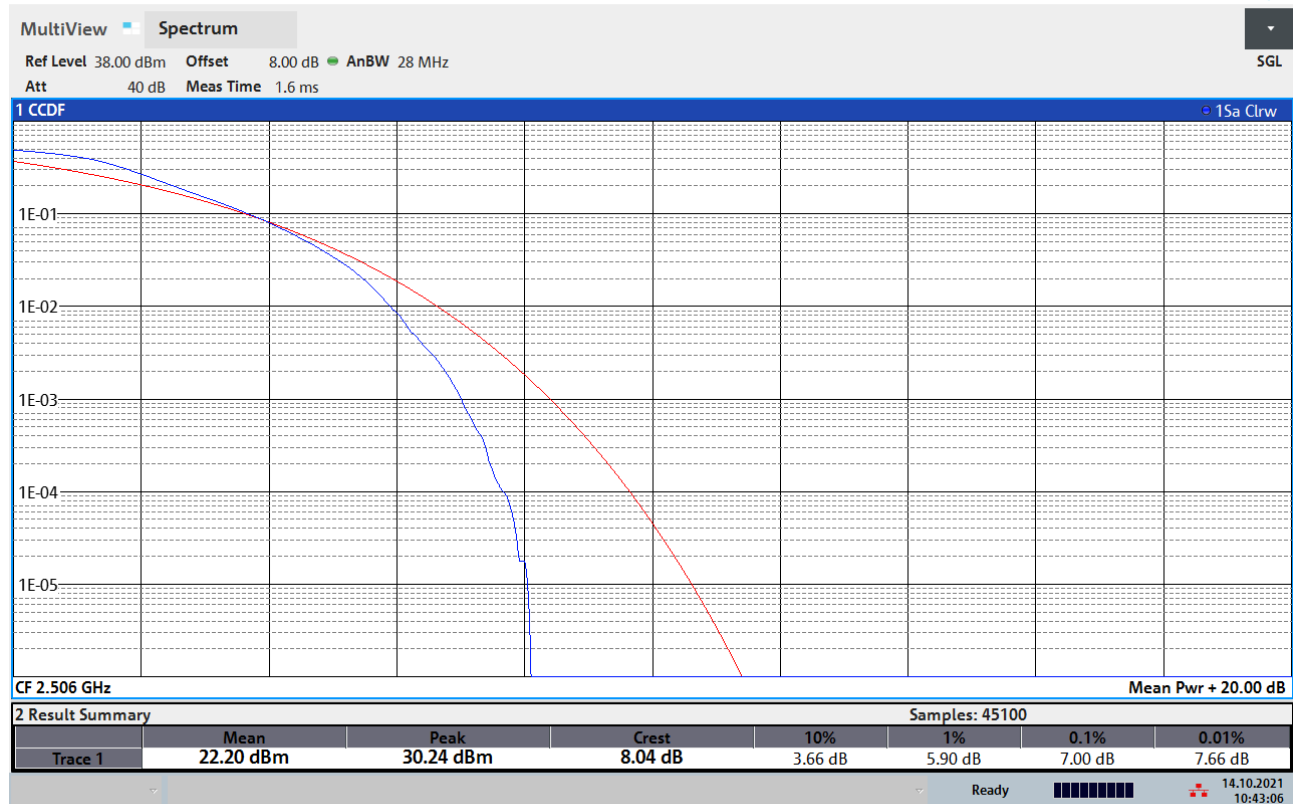
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2.1 For LTE

2.1.1 Test Band = LTE Band CA_41C

CA_41C_100RB+100RB_QPSK_39750+39948_100RB#0+100RB#0



10:43:07 14.10.2021



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CA_41C_100RB+100RB_QPSK_40521+40719_100RB#0+100RB#0



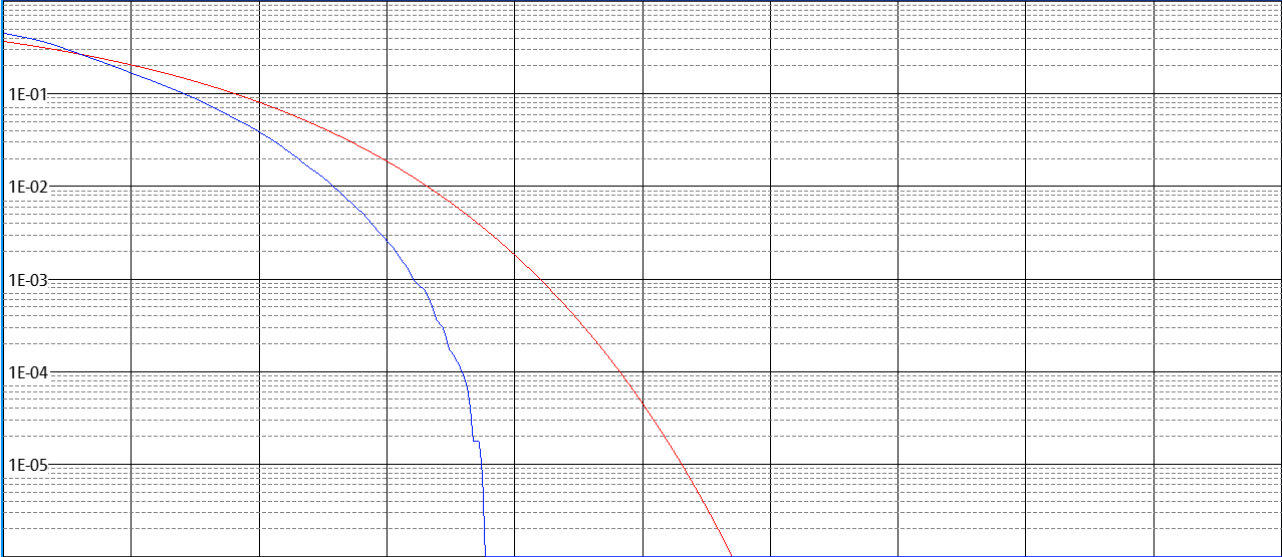
MultiView Spectrum

Ref Level 38.00 dBm Offset 8.00 dB AnBW 28 MHz
Att 40 dB Meas Time 1.6 ms

SGL

1 CCDF

1Sa Clrw



CF 2.5831 GHz

Mean Pwr + 20.00 dB

2 Result Summary

Samples: 45100

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	22.65 dBm	30.15 dBm	7.49 dB	2.82 dB	5.16 dB	6.42 dB	7.18 dB

Ready



14.10.2021
10:47:55

10:47:55 14.10.2021

CA_41C_100RB+100RB_QPSK_41292+41490_100RB#0+100RB#0



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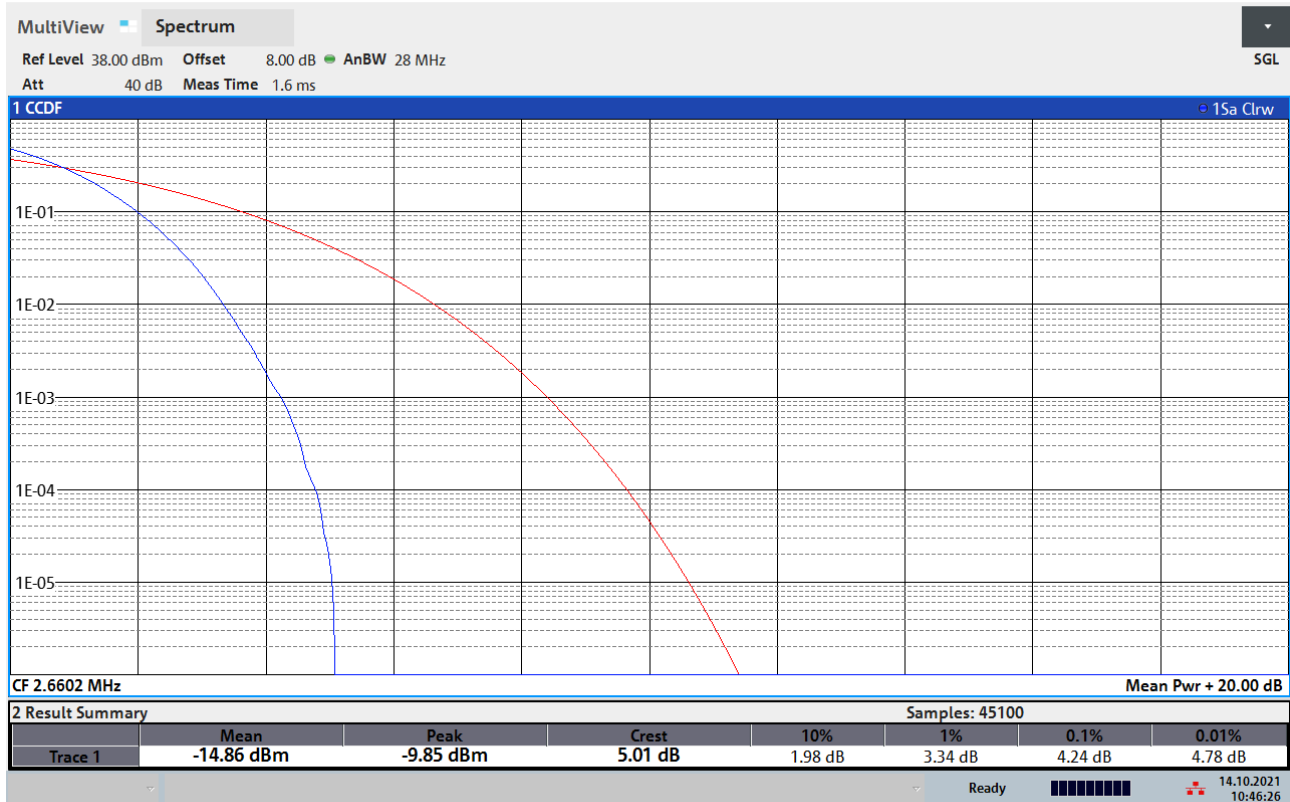
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10:46:26 14.10.2021

CA 41C 100RB+100RB 16QAM 39750+39948 100RB#0+100RB#0



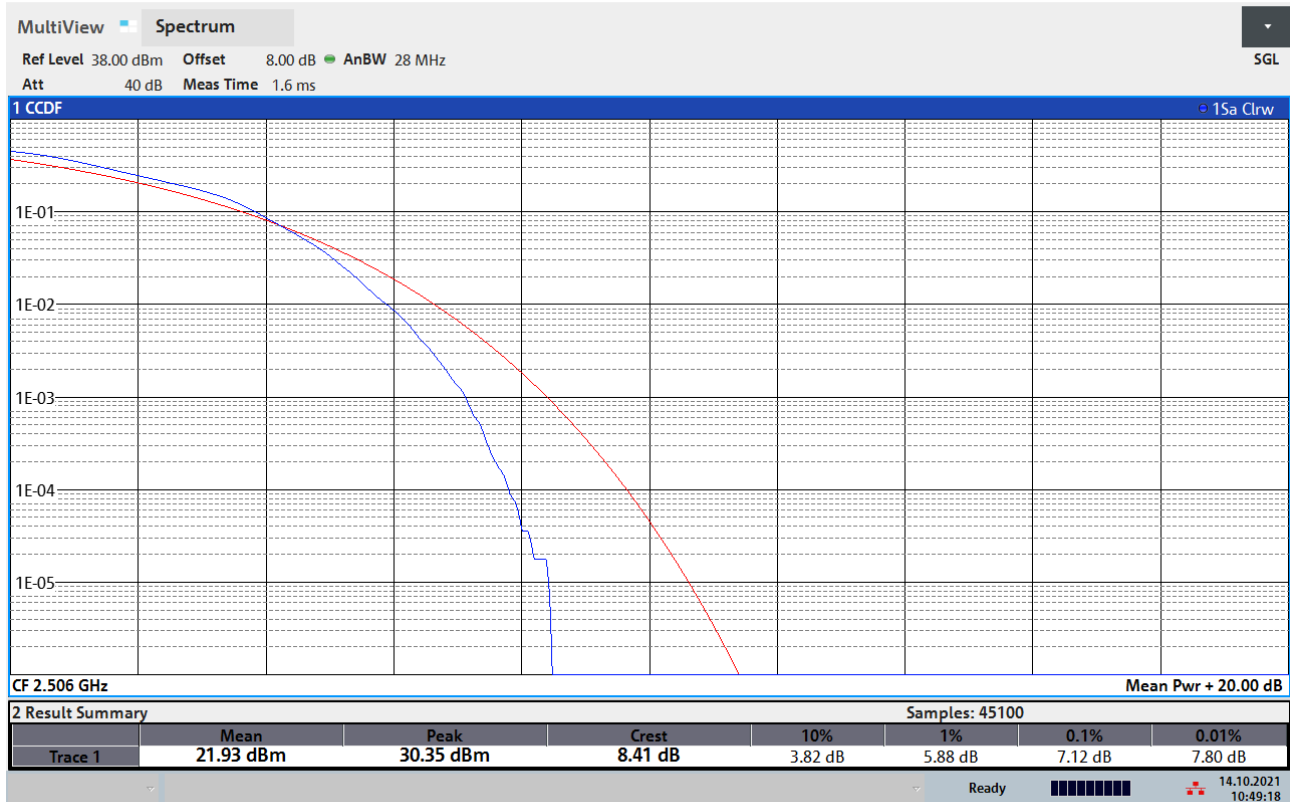
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10:49:18 14.10.2021

CA 41C 100RB+100RB 16QAM 40521+40719 100RB#0+100RB#0



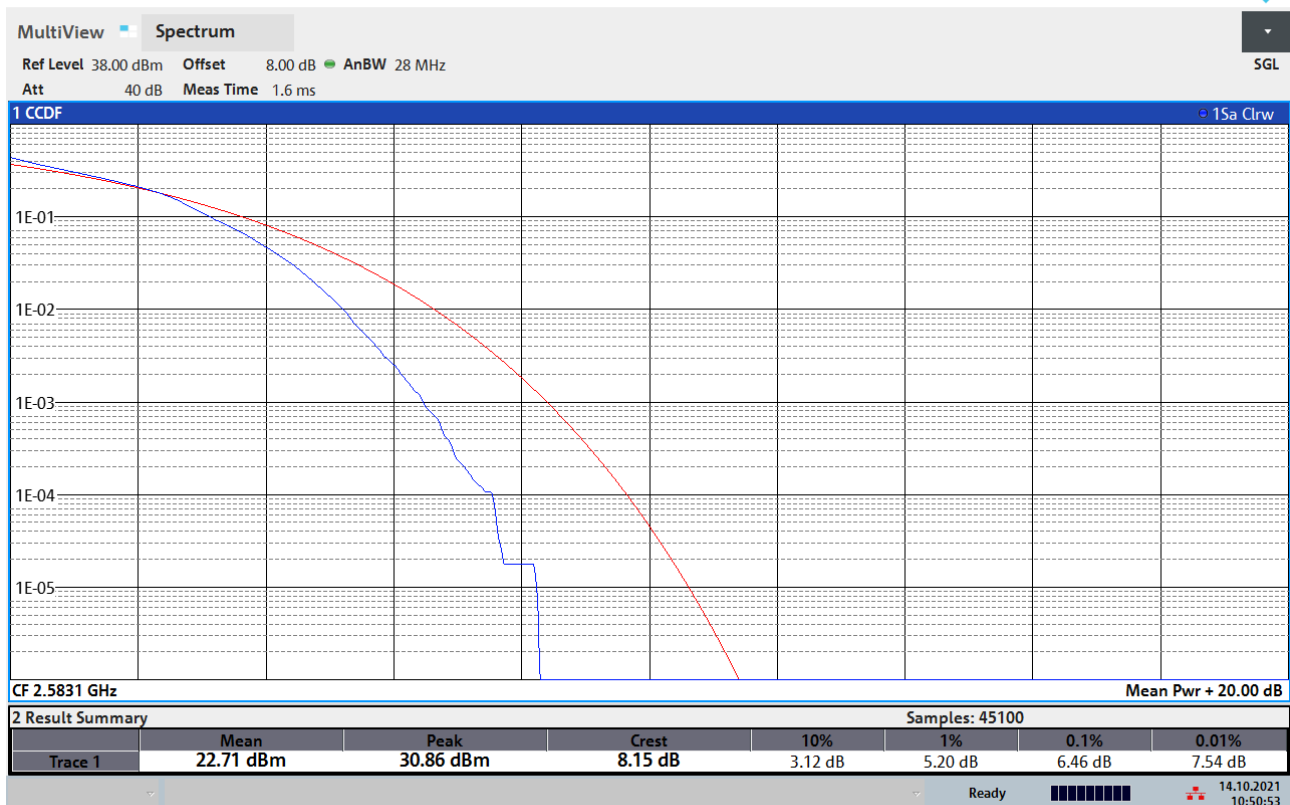
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10:50:54 14.10.2021

CA 41C 100RB+100RB 16QAM 41292+41490 100RB#0+100RB#0



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10:52:01 14.10.2021

CA 41C 100RB+100RB 64QAM 39750+39948 100RB#0+100RB#0



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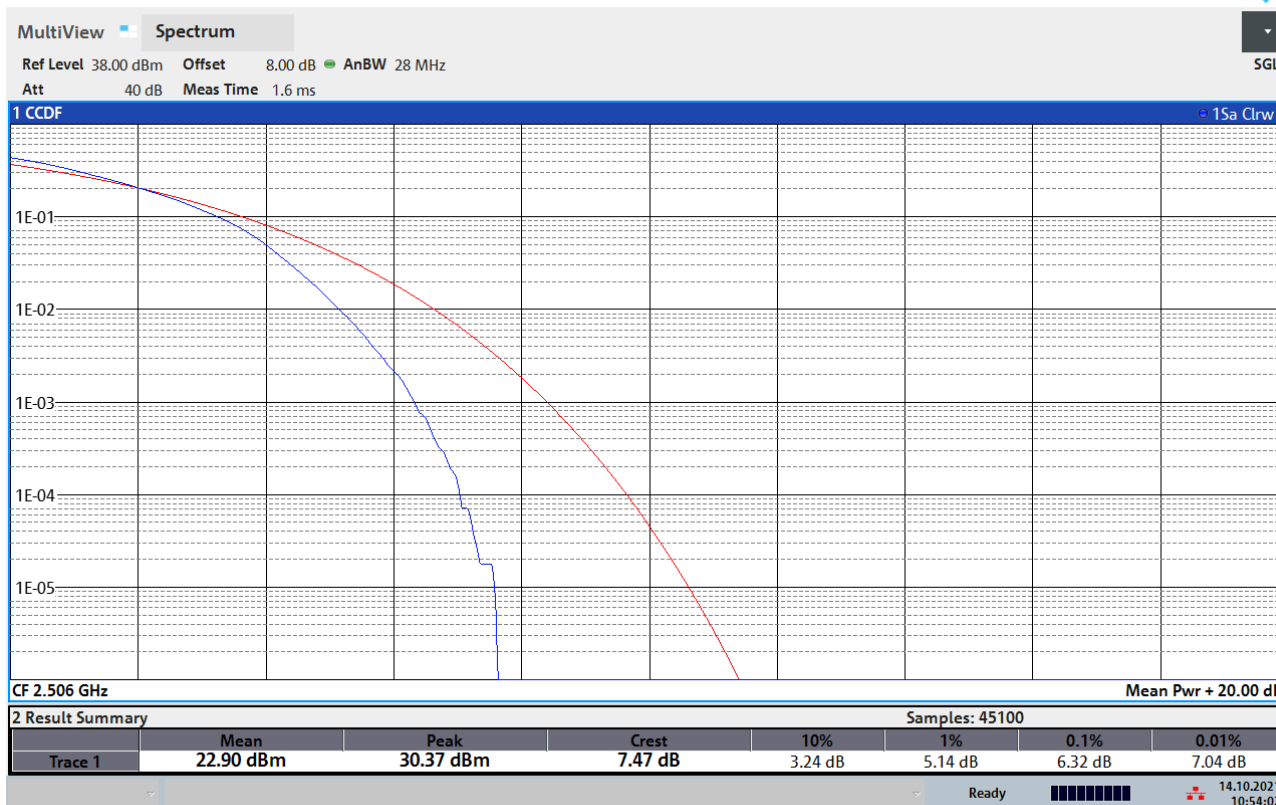
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10:54:02 14.10.2021

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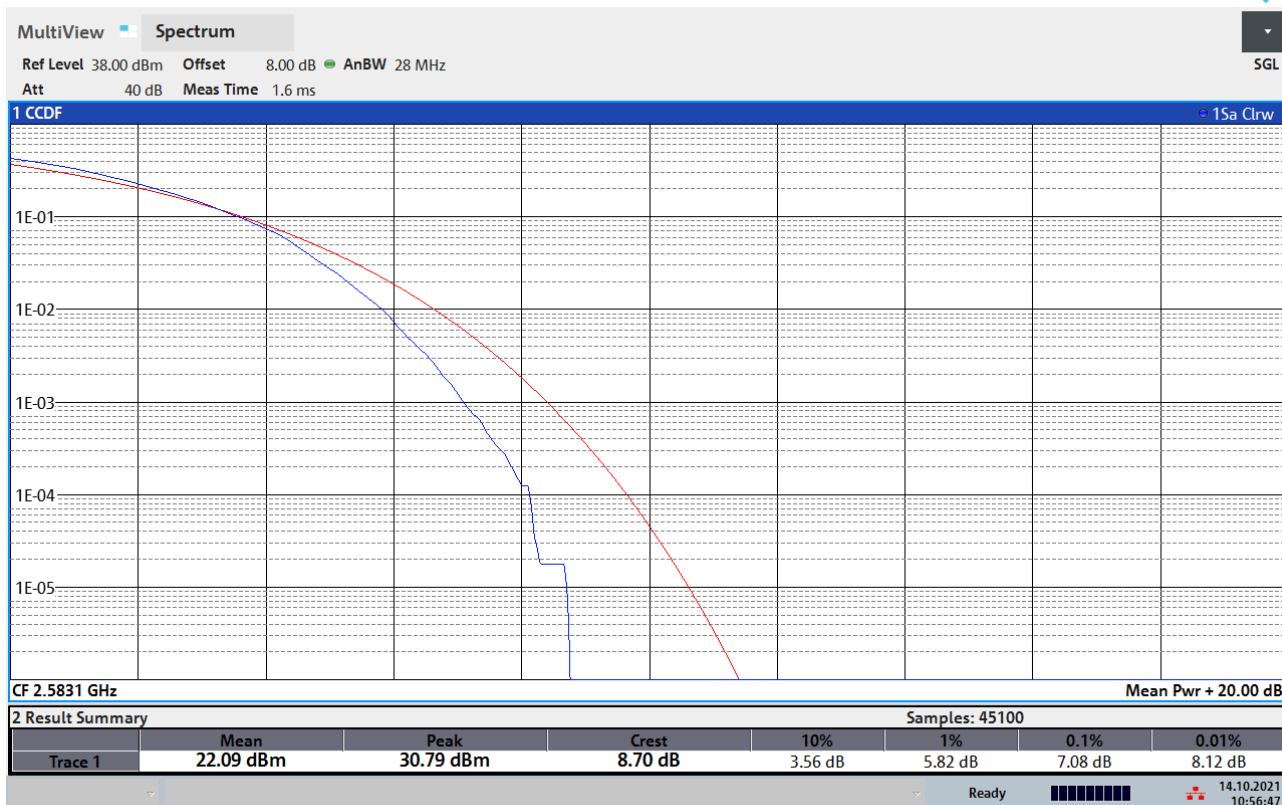
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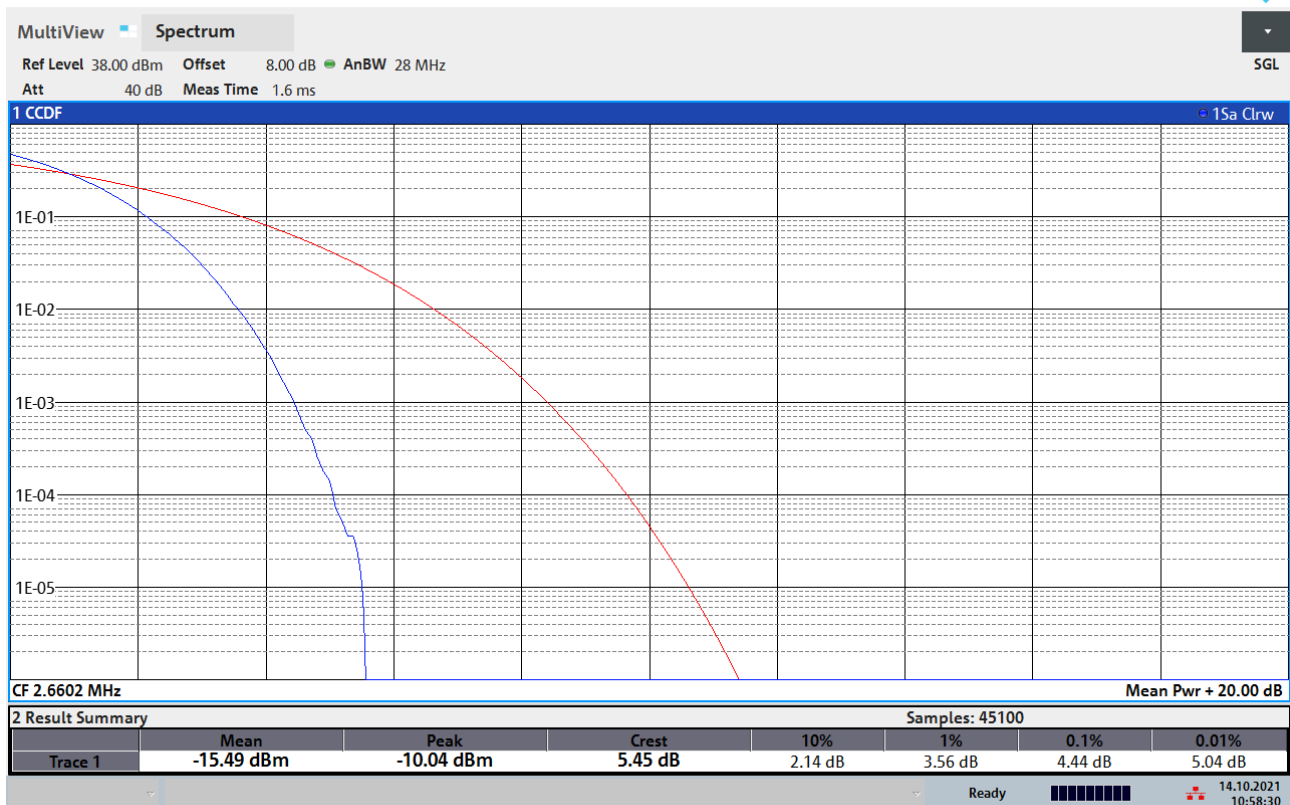
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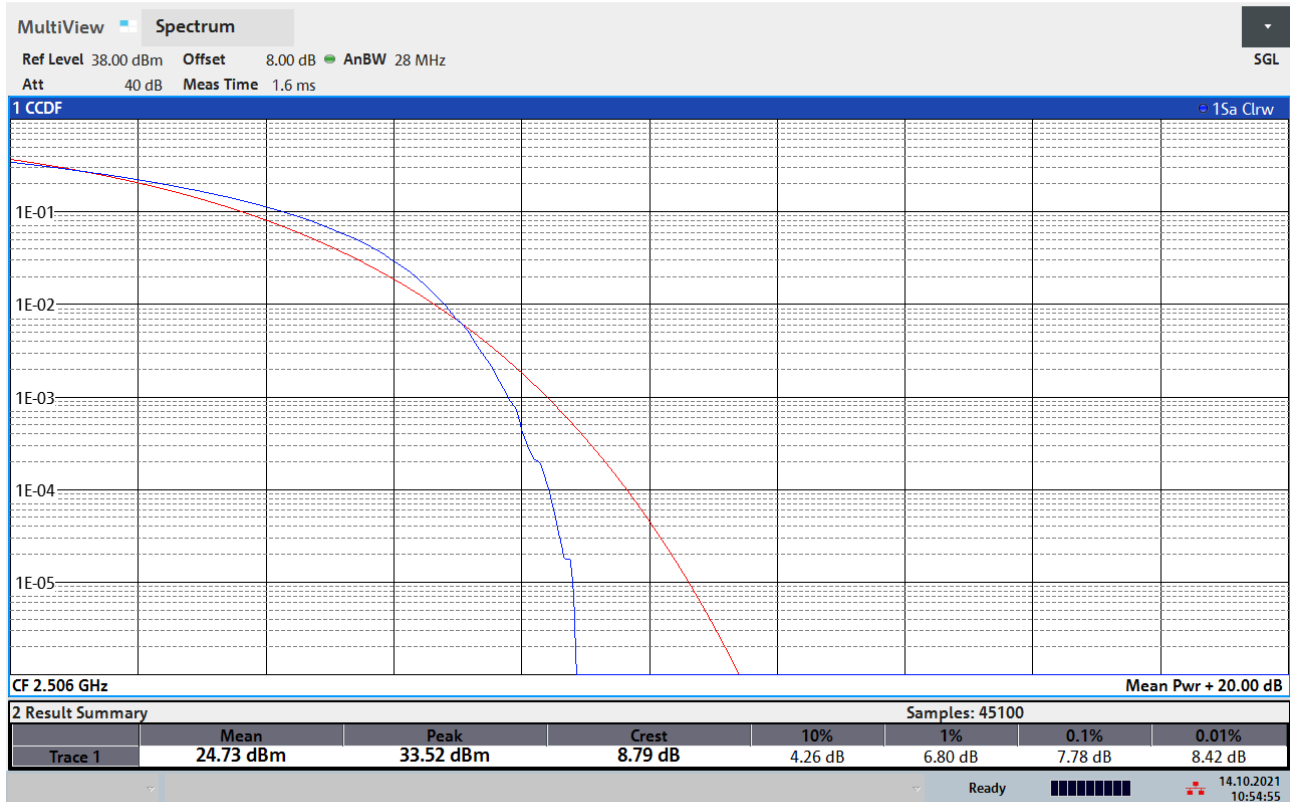
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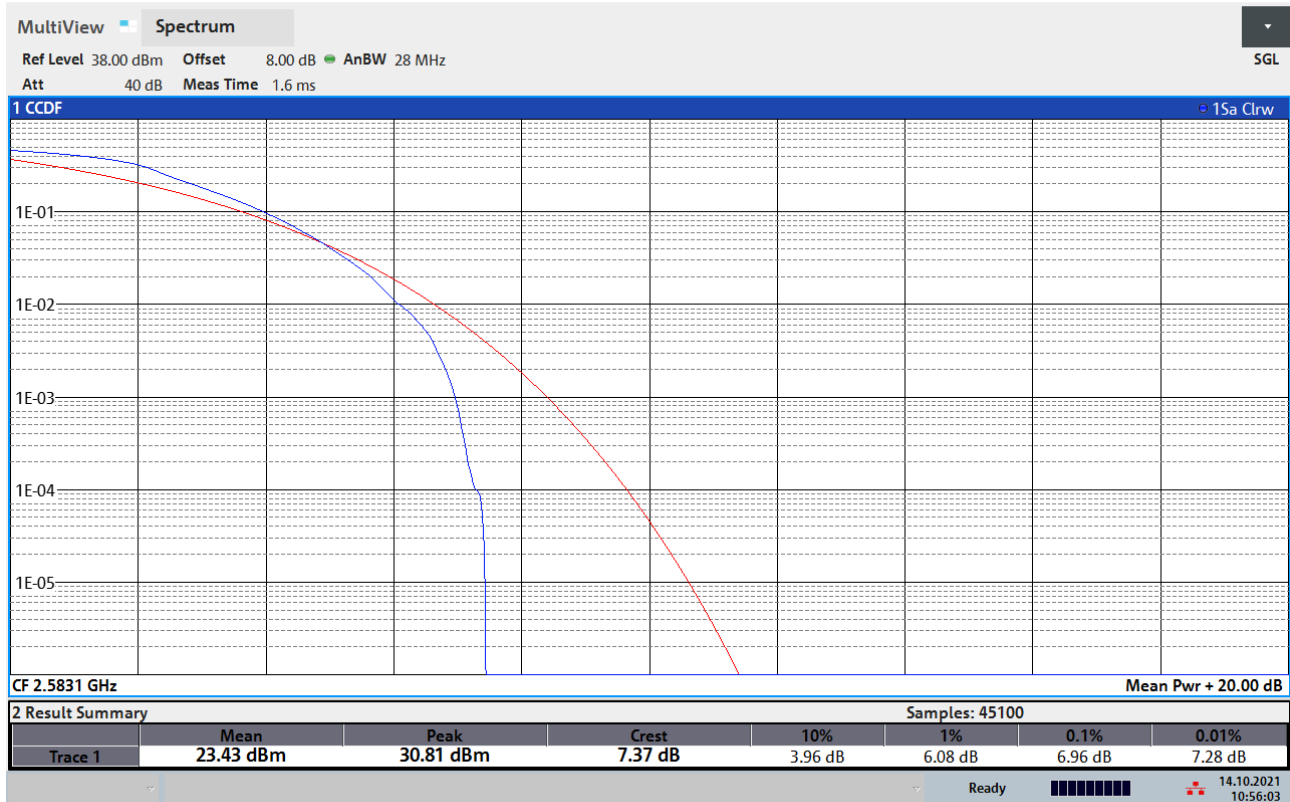
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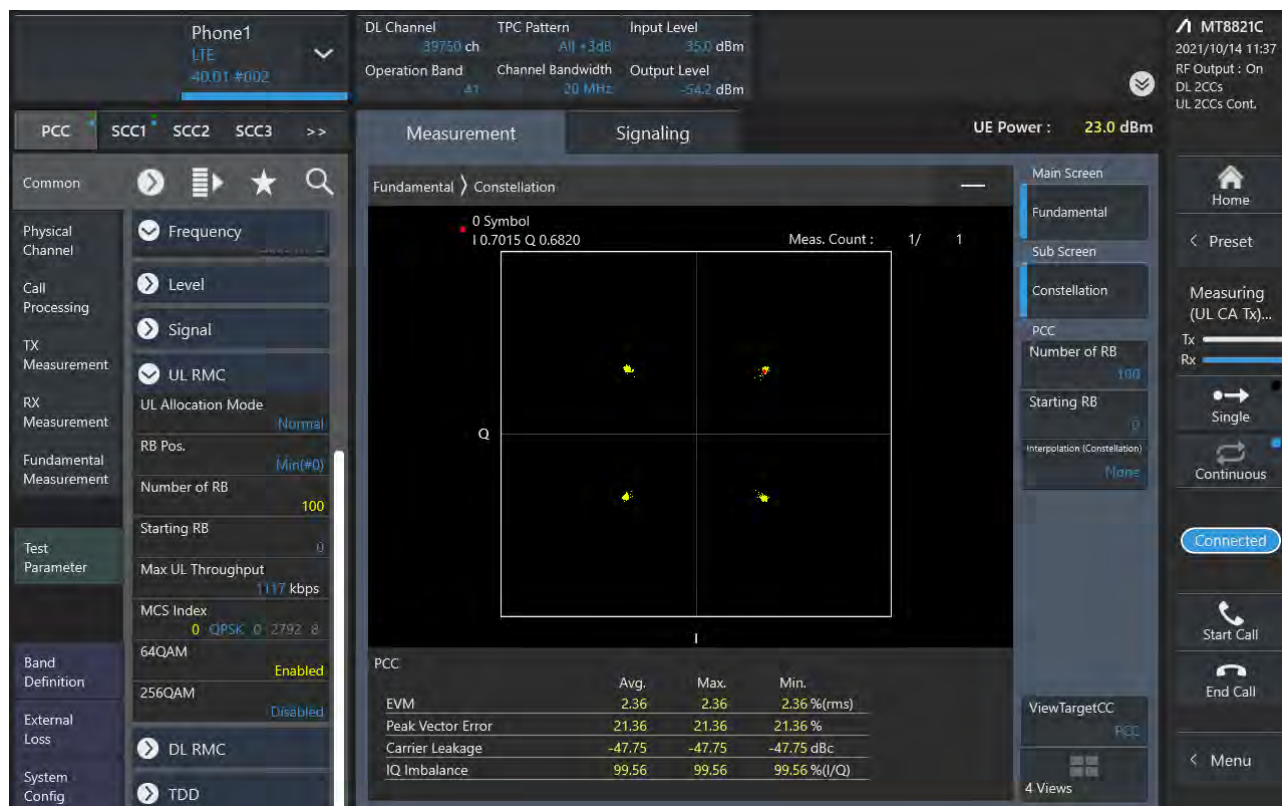
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_41C

3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 40521+40719



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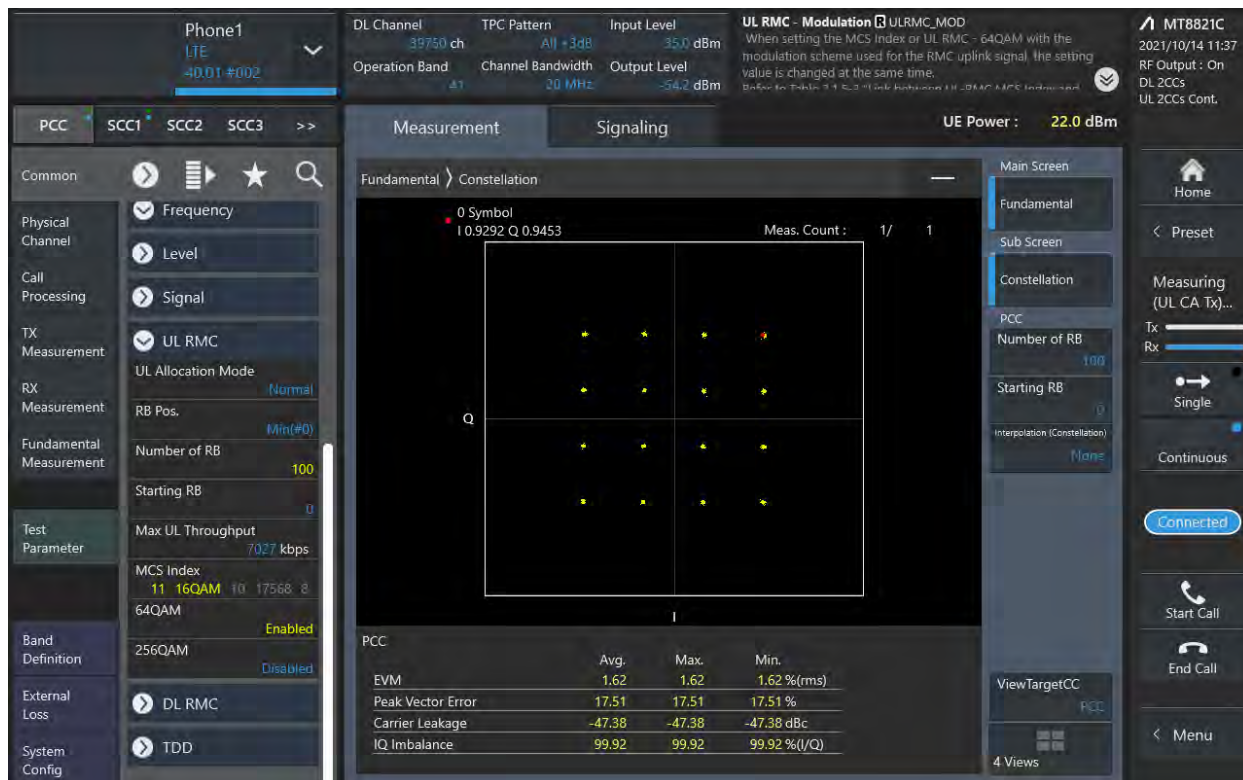
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3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB
3.1.1.2.1 Test Channel = 40521+40719

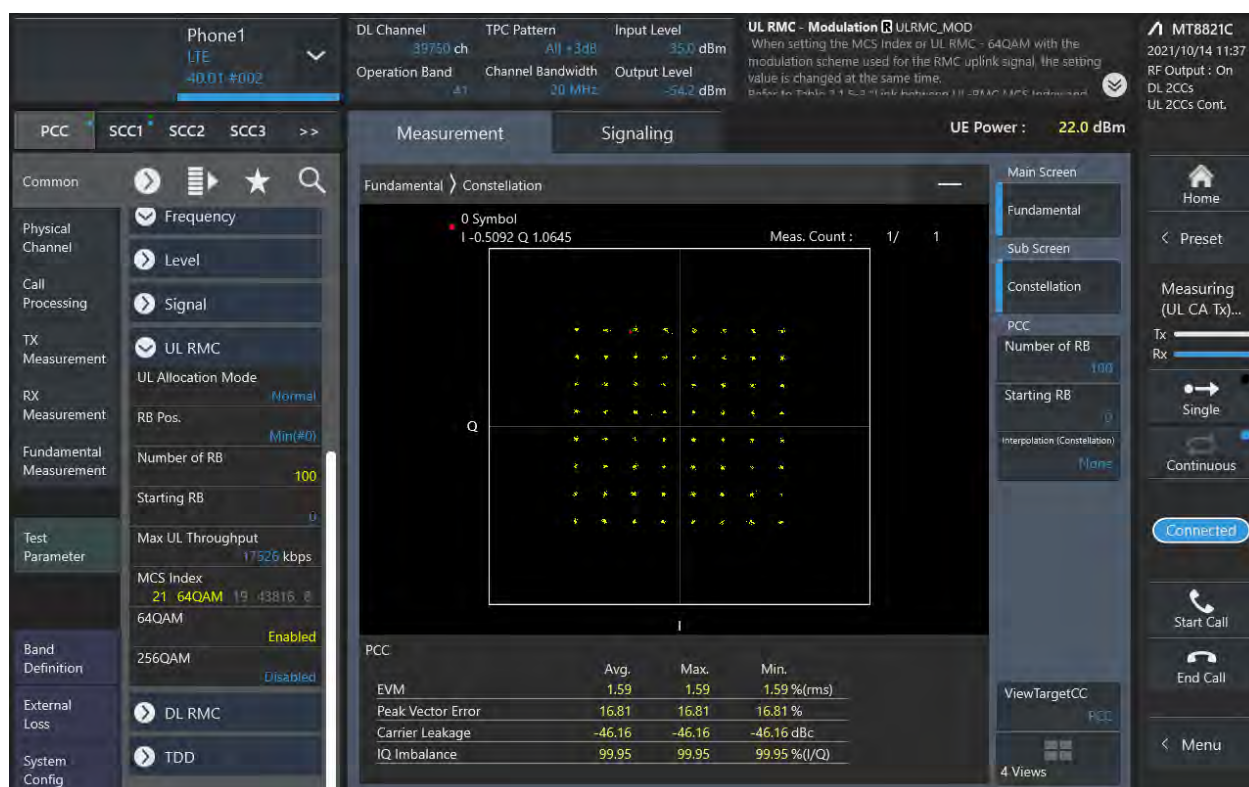


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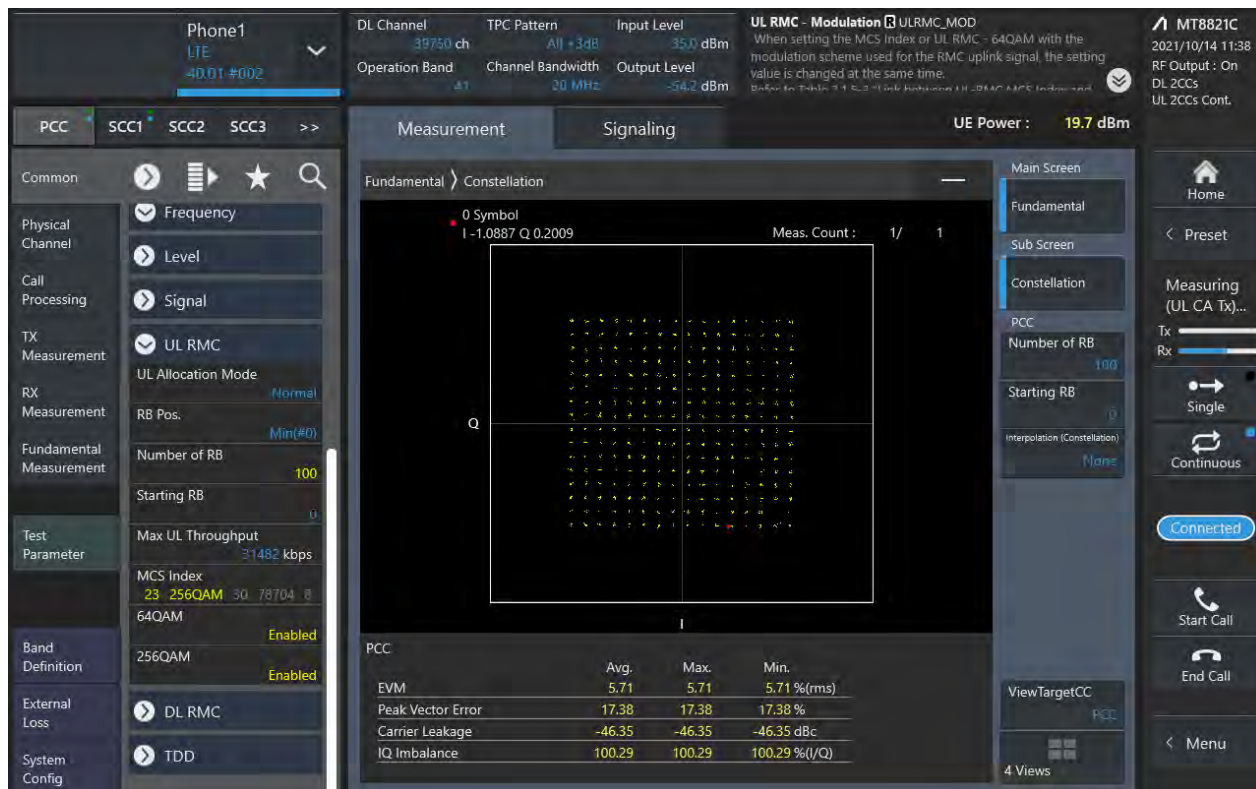
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3.1.1.4 Test Mode = LTE /256QAM 100RB+100RB

3.1.1.4.1 Test Channel = 40521+40719



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4 26dB Bandwidth and Occupied Bandwidth

Test Band	Test Mode PCC/SCC	Modulation PCC&SCC	Test Channel PCC/SCC	RB Config	OBW [MHz]	EBW [MHz]	Verdict
CA_41C	25RB+100RB	QPSK	39683+39800	25RB#0+100RB#0	22.71	23.58	PASS
CA_41C	25RB+100RB	16QAM	39683+39800	25RB#0+100RB#0	22.71	23.58	PASS
CA_41C	25RB+100RB	64QAM	39683+39800	25RB#0+100RB#0	22.72	23.58	PASS
CA_41C	25RB+100RB	QPSK	40528+40645	25RB#0+100RB#0	22.67	23.54	PASS
CA_41C	25RB+100RB	16QAM	40528+40645	25RB#0+100RB#0	22.66	23.58	PASS
CA_41C	25RB+100RB	64QAM	40528+40645	25RB#0+100RB#0	22.68	23.58	PASS
CA_41C	25RB+100RB	QPSK	41373+41490	25RB#0+100RB#0	22.65	23.8	PASS
CA_41C	25RB+100RB	16QAM	41373+41490	25RB#0+100RB#0	22.66	23.54	PASS
CA_41C	25RB+100RB	64QAM	41373+41490	25RB#0+100RB#0	22.65	23.58	PASS
CA_41C	50RB+75RB	QPSK	39703+39823	50RB#0+75RB#0	23.08	24.38	PASS
CA_41C	50RB+75RB	16QAM	39703+39823	50RB#0+75RB#0	23.09	24.34	PASS
CA_41C	50RB+75RB	64QAM	39703+39823	50RB#0+75RB#0	23.07	24.34	PASS
CA_41C	50RB+75RB	QPSK	40549+40669	50RB#0+75RB#0	23.06	24.34	PASS
CA_41C	50RB+75RB	16QAM	40549+40669	50RB#0+75RB#0	23.07	24.38	PASS
CA_41C	50RB+75RB	64QAM	40549+40669	50RB#0+75RB#0	23.07	24.30	PASS
CA_41C	50RB+75RB	QPSK	41395+41515	50RB#0+75RB#0	23.05	24.38	PASS
CA_41C	50RB+75RB	16QAM	41395+41515	50RB#0+75RB#0	23.04	24.30	PASS
CA_41C	50RB+75RB	64QAM	41395+41515	50RB#0+75RB#0	23.06	24.30	PASS
CA_41C	50RB+100RB	QPSK	39705+39849	50RB#0+100RB#0	27.62	28.97	PASS
CA_41C	50RB+100RB	16QAM	39705+39849	50RB#0+100RB#0	27.65	28.97	PASS
CA_41C	50RB+100RB	64QAM	39705+39849	50RB#0+100RB#0	27.64	28.97	PASS
CA_41C	50RB+100RB	QPSK	40526+40670	50RB#0+100RB#0	27.56	28.97	PASS
CA_41C	50RB+100RB	16QAM	40526+40670	50RB#0+100RB#0	27.62	28.93	PASS
CA_41C	50RB+100RB	64QAM	40526+40670	50RB#0+100RB#0	27.59	29.01	PASS
CA_41C	50RB+100RB	QPSK	41346+41490	50RB#0+100RB#0	27.57	28.97	PASS
CA_41C	50RB+100RB	16QAM	41346+41490	50RB#0+100RB#0	27.65	28.97	PASS
CA_41C	50RB+100RB	64QAM	41346+41490	50RB#0+100RB#0	27.64	28.97	PASS
CA_41C	75RB+50RB	QPSK	39725+39845	75RB#0+50RB#0	23.03	23.94	PASS
CA_41C	75RB+50RB	16QAM	39725+39845	75RB#0+50RB#0	23.03	23.94	PASS
CA_41C	75RB+50RB	64QAM	39725+39845	75RB#0+50RB#0	23.00	23.98	PASS
CA_41C	75RB+50RB	QPSK	40571+40691	75RB#0+50RB#0	23.04	23.84	PASS
CA_41C	75RB+50RB	16QAM	40571+40691	75RB#0+50RB#0	23.02	23.98	PASS



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CA_41C	75RB+50RB	64QAM	40571+40691	75RB#0+50RB#0	23.01	23.98	PASS
CA_41C	75RB+50RB	QPSK	41417+41537	75RB#0+50RB#0	23.03	23.98	PASS
CA_41C	75RB+50RB	16QAM	41417+41537	75RB#0+50RB#0	23.01	23.98	PASS
CA_41C	75RB+50RB	64QAM	41417+41537	75RB#0+50RB#0	23.01	23.98	PASS
CA_41C	75RB+75RB	QPSK	39725+39875	75RB#0+75RB#0	28.59	30.81	PASS
CA_41C	75RB+75RB	16QAM	39725+39875	75RB#0+75RB#0	28.59	30.77	PASS
CA_41C	75RB+75RB	64QAM	39725+39875	75RB#0+75RB#0	28.55	30.77	PASS
CA_41C	75RB+75RB	QPSK	40545+40695	75RB#0+75RB#0	28.55	30.73	PASS
CA_41C	75RB+75RB	16QAM	40545+40695	75RB#0+75RB#0	28.59	30.77	PASS
CA_41C	75RB+75RB	64QAM	40545+40695	75RB#0+75RB#0	28.54	30.73	PASS
CA_41C	75RB+75RB	QPSK	41365+41515	75RB#0+75RB#0	28.54	30.69	PASS
CA_41C	75RB+75RB	16QAM	41365+41515	75RB#0+75RB#0	28.59	30.73	PASS
CA_41C	75RB+75RB	64QAM	41365+41515	75RB#0+75RB#0	28.55	30.73	PASS
CA_41C	75RB+100RB	QPSK	39728+39899	75RB#0+100RB#0	32.79	35.09	PASS
CA_41C	75RB+100RB	16QAM	39728+39899	75RB#0+100RB#0	32.77	35.09	PASS
CA_41C	75RB+100RB	64QAM	39728+39899	75RB#0+100RB#0	32.79	35.05	PASS
CA_41C	75RB+100RB	QPSK	40523+40694	75RB#0+100RB#0	32.78	35.05	PASS
CA_41C	75RB+100RB	16QAM	40523+40694	75RB#0+100RB#0	32.76	35.09	PASS
CA_41C	75RB+100RB	64QAM	40523+40694	75RB#0+100RB#0	32.76	34.05	PASS
CA_41C	75RB+100RB	QPSK	41319+41490	75RB#0+100RB#0	32.75	35.05	PASS
CA_41C	75RB+100RB	16QAM	41319+41490	75RB#0+100RB#0	32.73	35.01	PASS
CA_41C	75RB+100RB	64QAM	41319+41490	75RB#0+100RB#0	32.75	35.05	PASS
CA_41C	100RB+25RB	QPSK	39800+39683	100RB#0+25RB#0	22.78	23.61	PASS
CA_41C	100RB+25RB	16QAM	39800+39683	100RB#0+25RB#0	22.79	23.62	PASS
CA_41C	100RB+25RB	64QAM	39800+39683	100RB#0+25RB#0	22.78	23.61	PASS
CA_41C	100RB+25RB	QPSK	40645+40528	100RB#0+25RB#0	22.82	23.65	PASS
CA_41C	100RB+25RB	16QAM	40645+40528	100RB#0+25RB#0	22.82	23.61	PASS
CA_41C	100RB+25RB	64QAM	40645+40528	100RB#0+25RB#0	22.81	23.61	PASS
CA_41C	100RB+25RB	QPSK	41490+41373	100RB#0+25RB#0	22.82	23.63	PASS
CA_41C	100RB+25RB	16QAM	41490+41373	100RB#0+25RB#0	22.81	23.62	PASS
CA_41C	100RB+25RB	64QAM	41490+41373	100RB#0+25RB#0	22.81	23.61	PASS
CA_41C	100RB+50RB	QPSK	39750+39894	100RB#0+50RB#0	27.61	29.09	PASS
CA_41C	100RB+50RB	16QAM	39750+39894	100RB#0+50RB#0	27.60	29.09	PASS
CA_41C	100RB+50RB	64QAM	39750+39894	100RB#0+50RB#0	27.62	29.09	PASS
CA_41C	100RB+50RB	QPSK	40571+40715	100RB#0+50RB#0	27.63	29.05	PASS
CA_41C	100RB+50RB	16QAM	40571+40715	100RB#0+50RB#0	27.63	29.05	PASS



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CA_41C	100RB+50RB	64QAM	40571+40715	100RB#0+50RB#0	27.62	29.05	PASS
CA_41C	100RB+50RB	QPSK	41391+41535	100RB#0+50RB#0	27.63	29.05	PASS
CA_41C	100RB+50RB	16QAM	41391+41535	100RB#0+50RB#0	27.63	29.05	PASS
CA_41C	100RB+50RB	64QAM	41391+41535	100RB#0+50RB#0	27.62	29.05	PASS
CA_41C	100RB+75RB	QPSK	39750+39921	100RB#0+75RB#0	32.53	35.09	PASS
CA_41C	100RB+75RB	16QAM	39750+39921	100RB#0+75RB#0	32.56	35.16	PASS
CA_41C	100RB+75RB	64QAM	39750+39921	100RB#0+75RB#0	32.54	35.13	PASS
CA_41C	100RB+75RB	QPSK	40546+40717	100RB#0+75RB#0	32.53	35.16	PASS
CA_41C	100RB+75RB	16QAM	40546+40717	100RB#0+75RB#0	32.56	35.16	PASS
CA_41C	100RB+75RB	64QAM	40546+40717	100RB#0+75RB#0	32.53	35.16	PASS
CA_41C	100RB+75RB	QPSK	41341+41512	100RB#0+75RB#0	32.52	35.13	PASS
CA_41C	100RB+75RB	16QAM	41341+41512	100RB#0+75RB#0	32.56	35.13	PASS
CA_41C	100RB+75RB	64QAM	41341+41512	100RB#0+75RB#0	32.53	35.13	PASS
CA_41C	100RB+100RB	QPSK	39750+39948	100RB#0+100RB#0	37.34	39.98	PASS
CA_41C	100RB+100RB	16QAM	39750+39948	100RB#0+100RB#0	37.32	40.04	PASS
CA_41C	100RB+100RB	64QAM	39750+39948	100RB#0+100RB#0	37.34	40.04	PASS
CA_41C	100RB+100RB	QPSK	40521+40719	100RB#0+100RB#0	37.35	40.04	PASS
CA_41C	100RB+100RB	16QAM	40521+40719	100RB#0+100RB#0	37.34	40.04	PASS
CA_41C	100RB+100RB	64QAM	40521+40719	100RB#0+100RB#0	37.35	40.04	PASS
CA_41C	100RB+100RB	QPSK	41292+41490	100RB#0+100RB#0	37.31	39.98	PASS
CA_41C	100RB+100RB	16QAM	41292+41490	100RB#0+100RB#0	37.29	39.98	PASS
CA_41C	100RB+100RB	64QAM	41292+41490	100RB#0+100RB#0	37.31	40.04	PASS
CA_41C	25RB+100RB	256QAM	39683+39800	25RB#0+100RB#0	22.73	23.58	PASS
CA_41C	25RB+100RB	256QAM	40528+40645	25RB#0+100RB#0	22.69	23.58	PASS
CA_41C	25RB+100RB	256QAM	41373+41490	25RB#0+100RB#0	22.65	23.58	PASS
CA_41C	50RB+75RB	256QAM	39703+39823	50RB#0+75RB#0	23.08	24.34	PASS
CA_41C	50RB+75RB	256QAM	40549+40669	50RB#0+75RB#0	23.06	24.30	PASS
CA_41C	50RB+75RB	256QAM	41395+41515	50RB#0+75RB#0	23.05	24.30	PASS
CA_41C	50RB+100RB	256QAM	39705+39849	50RB#0+100RB#0	27.64	28.97	PASS
CA_41C	50RB+100RB	256QAM	40526+40670	50RB#0+100RB#0	27.59	28.93	PASS
CA_41C	50RB+100RB	256QAM	41346+41490	50RB#0+100RB#0	27.60	28.97	PASS
CA_41C	75RB+50RB	256QAM	39725+39845	75RB#0+50RB#0	23.03	24.02	PASS
CA_41C	75RB+50RB	256QAM	40571+40691	75RB#0+50RB#0	22.99	23.98	PASS
CA_41C	75RB+50RB	256QAM	41417+41537	75RB#0+50RB#0	22.99	23.98	PASS
CA_41C	75RB+75RB	256QAM	39725+39875	75RB#0+75RB#0	28.56	30.77	PASS
CA_41C	75RB+75RB	256QAM	40545+40695	75RB#0+75RB#0	28.53	30.73	PASS



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CA_41C	75RB+75RB	256QAM	41365+41515	75RB#0+75RB#0	28.56	30.73	PASS
CA_41C	75RB+100RB	256QAM	39728+39899	75RB#0+100RB#0	32.80	35.05	PASS
CA_41C	75RB+100RB	256QAM	40523+40694	75RB#0+100RB#0	32.79	35.01	PASS
CA_41C	75RB+100RB	256QAM	41319+41490	75RB#0+100RB#0	32.76	35.01	PASS
CA_41C	100RB+25RB	256QAM	39800+39683	100RB#0+25RB#0	22.79	23.57	PASS
CA_41C	100RB+25RB	256QAM	40645+40528	100RB#0+25RB#0	22.79	23.63	PASS
CA_41C	100RB+25RB	256QAM	41490+41373	100RB#0+25RB#0	22.79	23.61	PASS
CA_41C	100RB+50RB	256QAM	39750+39894	100RB#0+50RB#0	27.62	29.09	PASS
CA_41C	100RB+50RB	256QAM	40571+40715	100RB#0+50RB#0	27.62	29.13	PASS
CA_41C	100RB+50RB	256QAM	41391+41535	100RB#0+50RB#0	27.63	29.05	PASS
CA_41C	100RB+75RB	256QAM	39750+39921	100RB#0+75RB#0	32.53	35.13	PASS
CA_41C	100RB+75RB	256QAM	40546+40717	100RB#0+75RB#0	32.54	35.13	PASS
CA_41C	100RB+75RB	256QAM	41341+41512	100RB#0+75RB#0	32.52	35.13	PASS
CA_41C	100RB+100RB	256QAM	39750+39948	100RB#0+100RB#0	37.34	40.04	PASS
CA_41C	100RB+100RB	256QAM	40521+40719	100RB#0+100RB#0	37.37	40.04	PASS
CA_41C	100RB+100RB	256QAM	41292+41490	100RB#0+100RB#0	37.34	40.04	PASS



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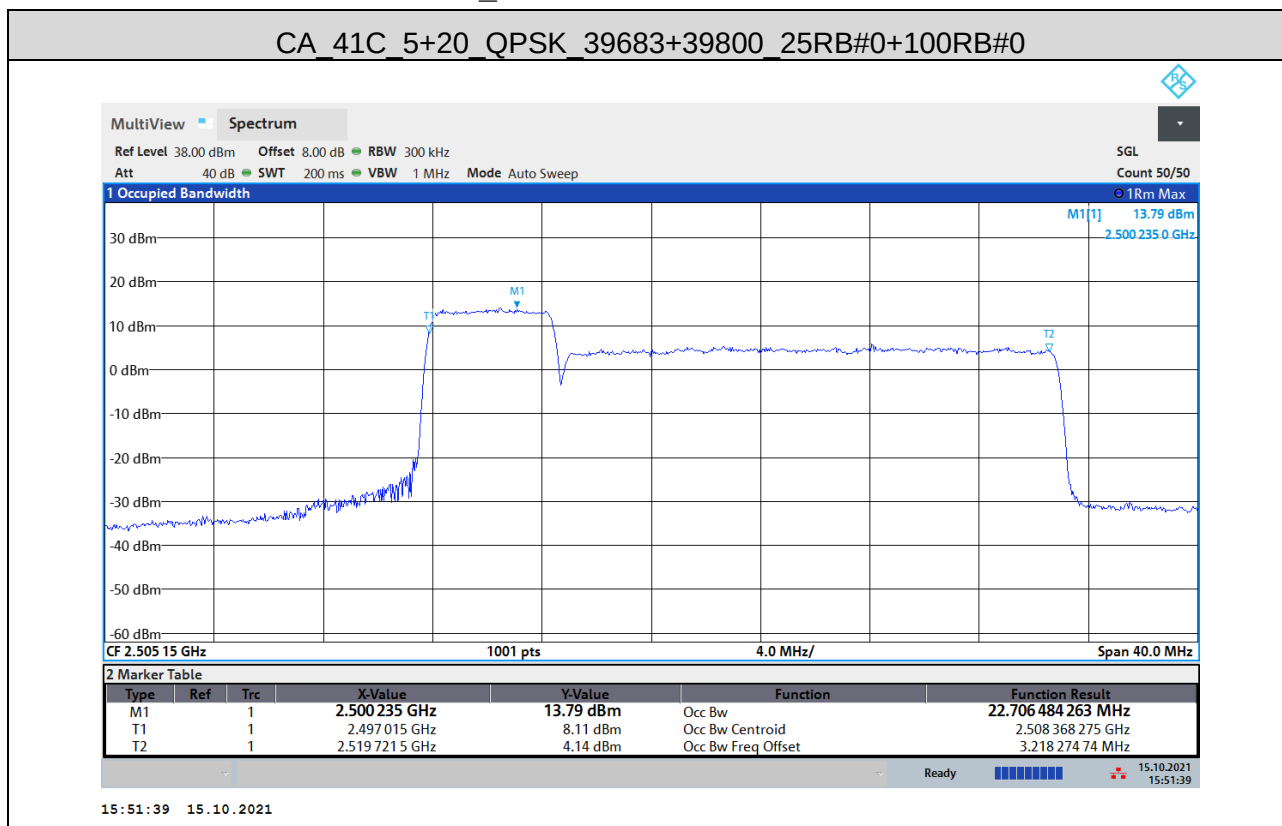
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4.1 For LTE Occupied Bandwidth

4.1.1 Test Band = LTE Band CA_41C



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CA_41C_5+20_QPSK_40528+40645_25RB#0+100RB#0

MultiView Spectrum

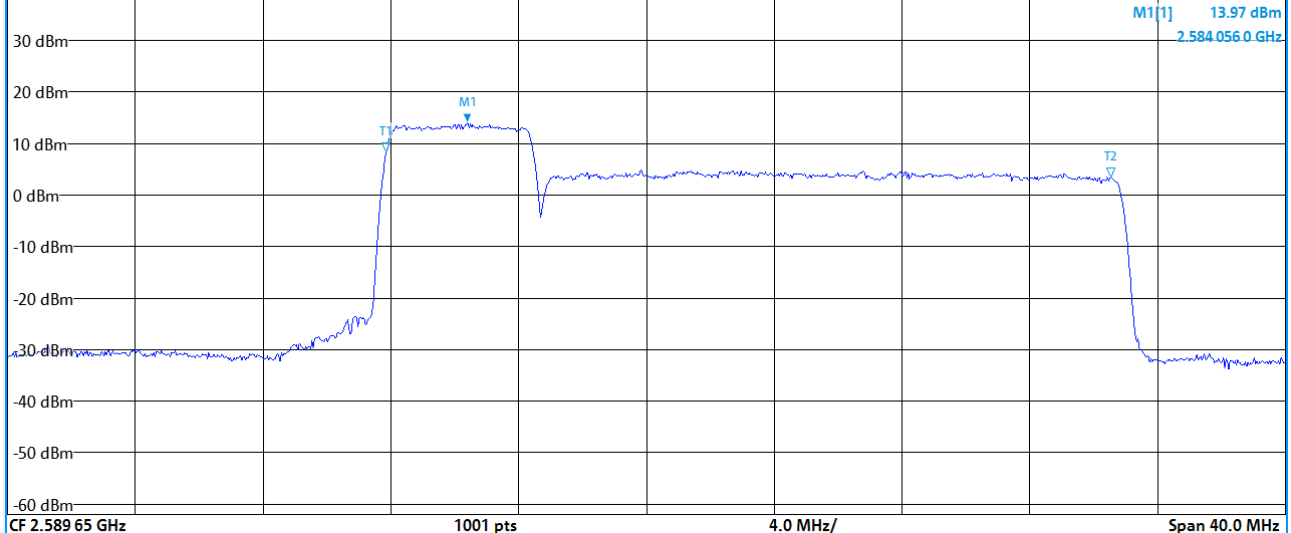
Ref Level 38.00 dBm Offset 8.00 dB RBW 300 kHz
Att 40 dB SWT 200 ms VBW 1 MHz Mode Auto Sweep

SGL

Count 50/50

1 Occupied Bandwidth

1Rm Max



CF 2.589 65 GHz

1001 pts

4.0 MHz/

Span 40.0 MHz

2 Marker Table

Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		2.584 056 GHz	13.97 dBm	Occ Bw	22.674 948 003 MHz
T1	1		2.581 505 7 GHz	8.44 dBm	Occ Bw Centroid	2.592 843 155 GHz
T2	1		2.604 180 6 GHz	3.48 dBm	Occ Bw Freq Offset	3.193 154 567 MHz

Ready

15.10.2021
15:56:37

15:56:37 15.10.2021

CA_41C_5+20_QPSK_41373+41490_25RB#0+100RB#0



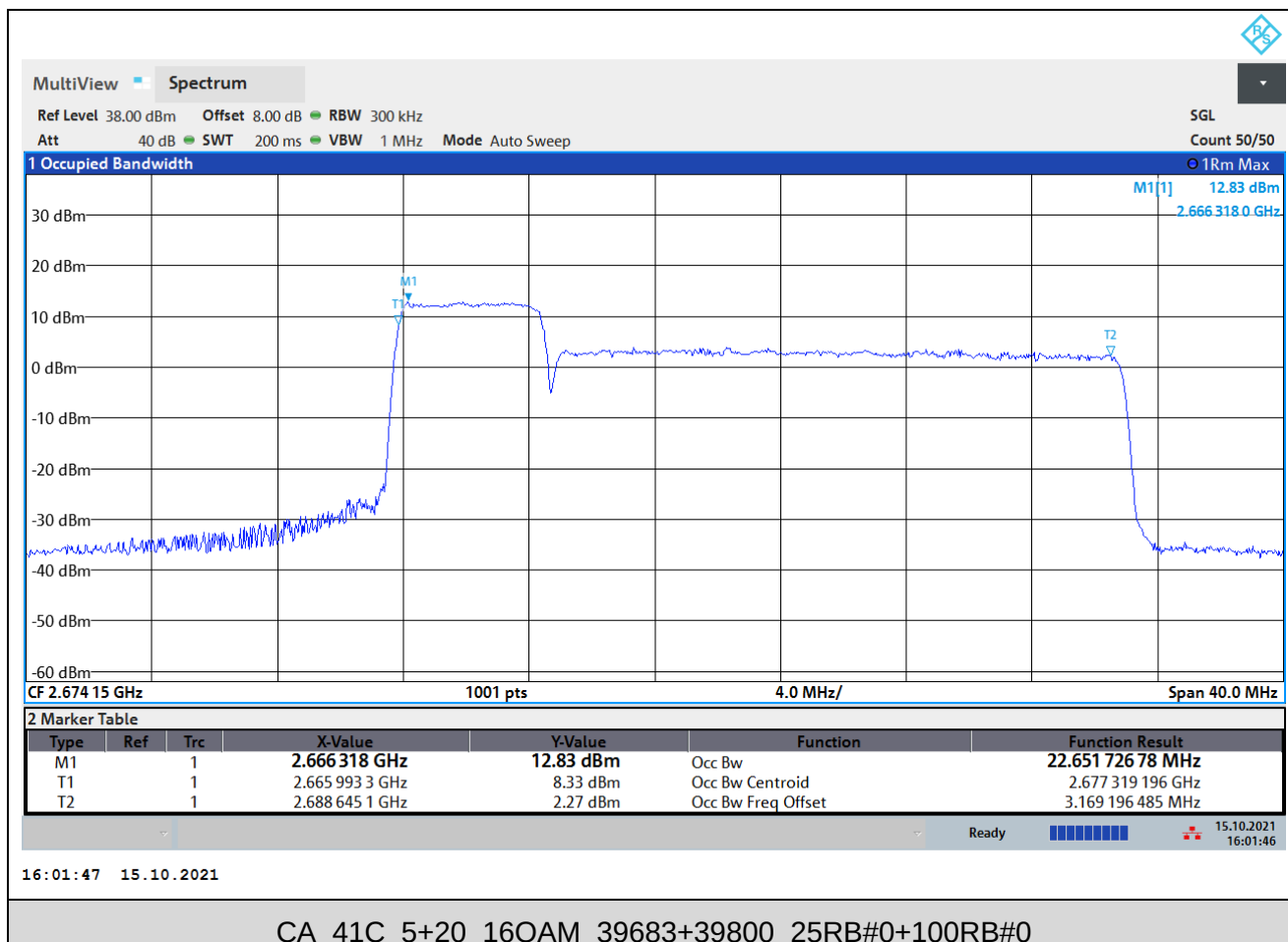
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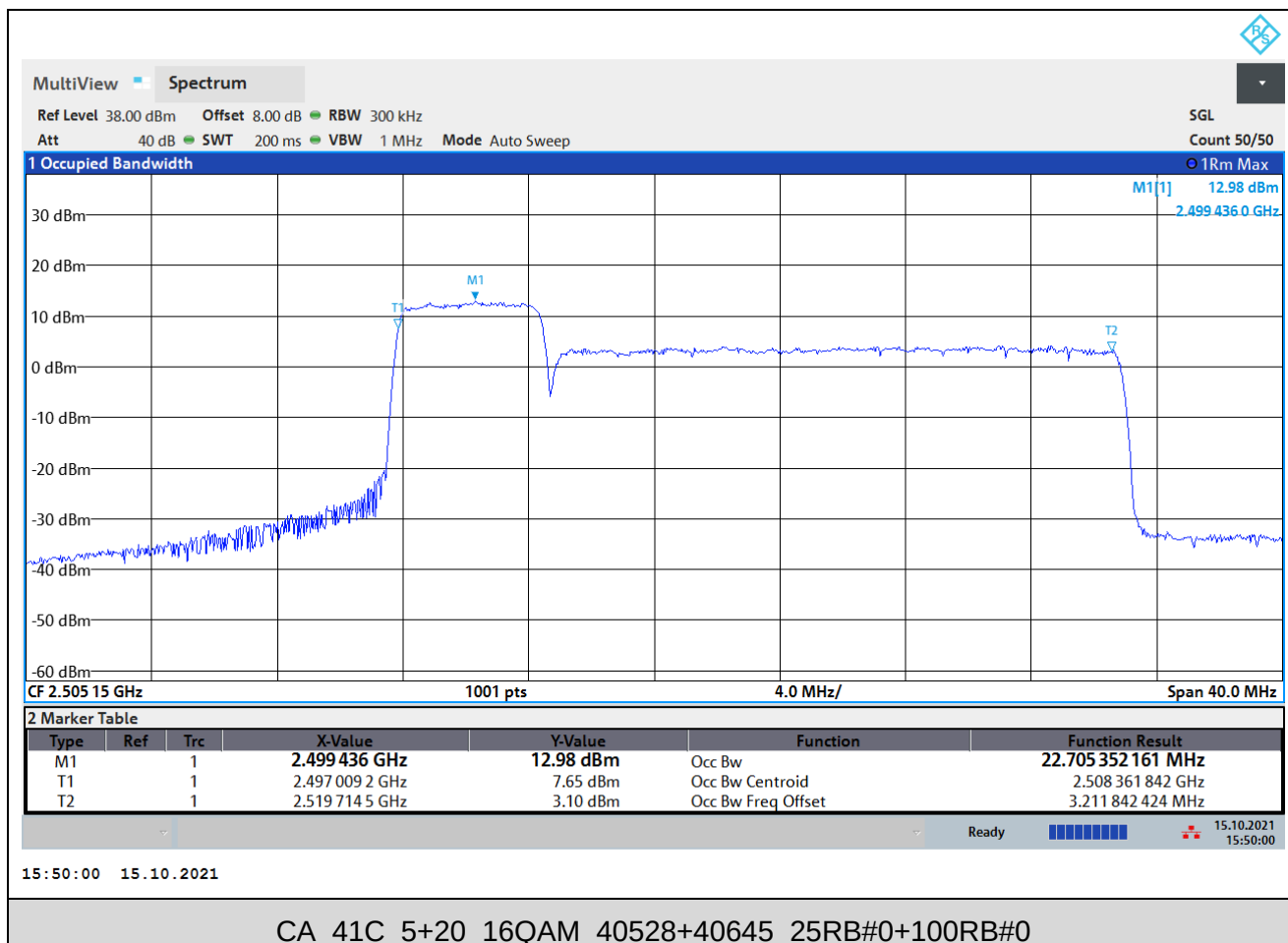


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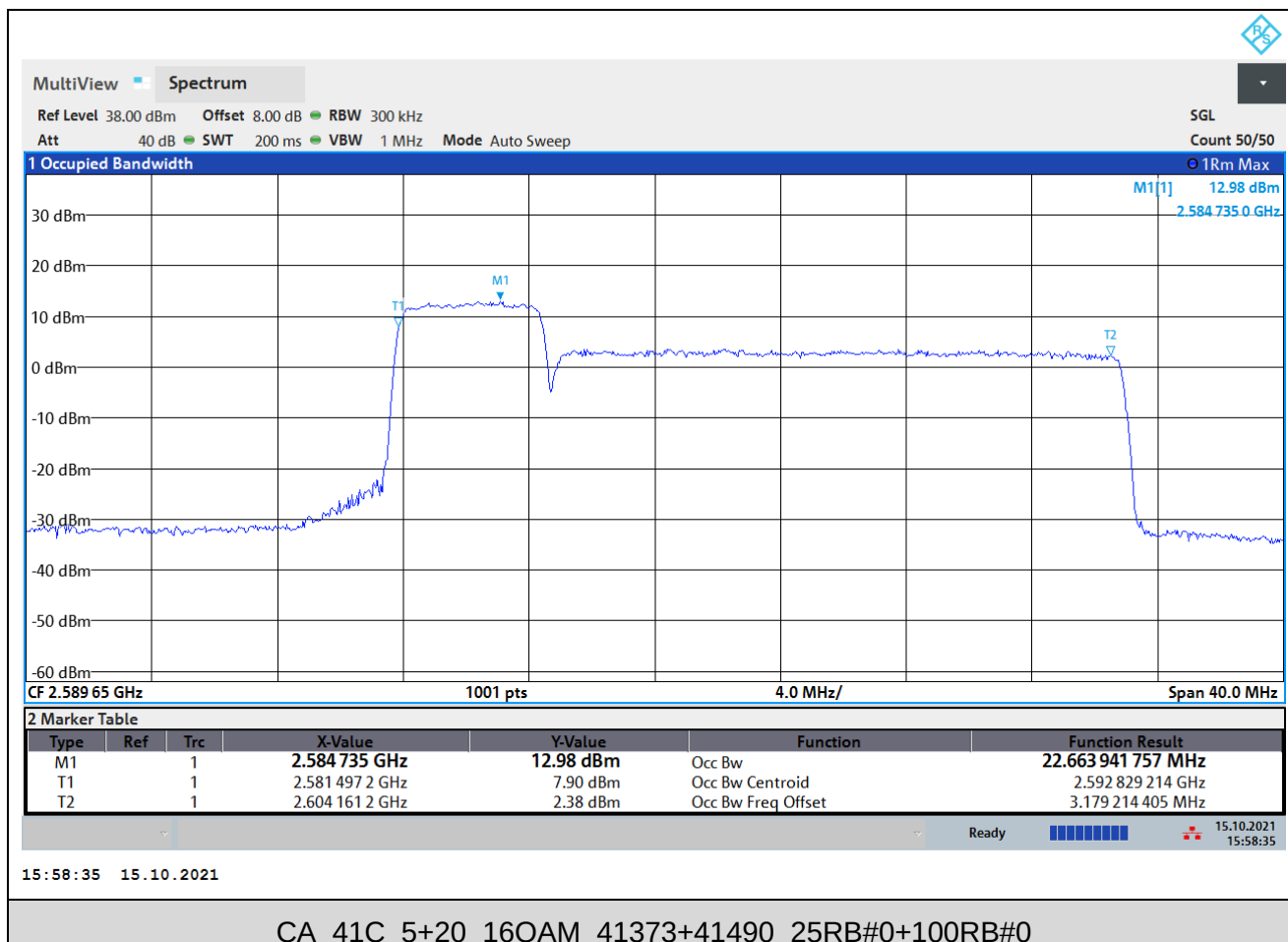


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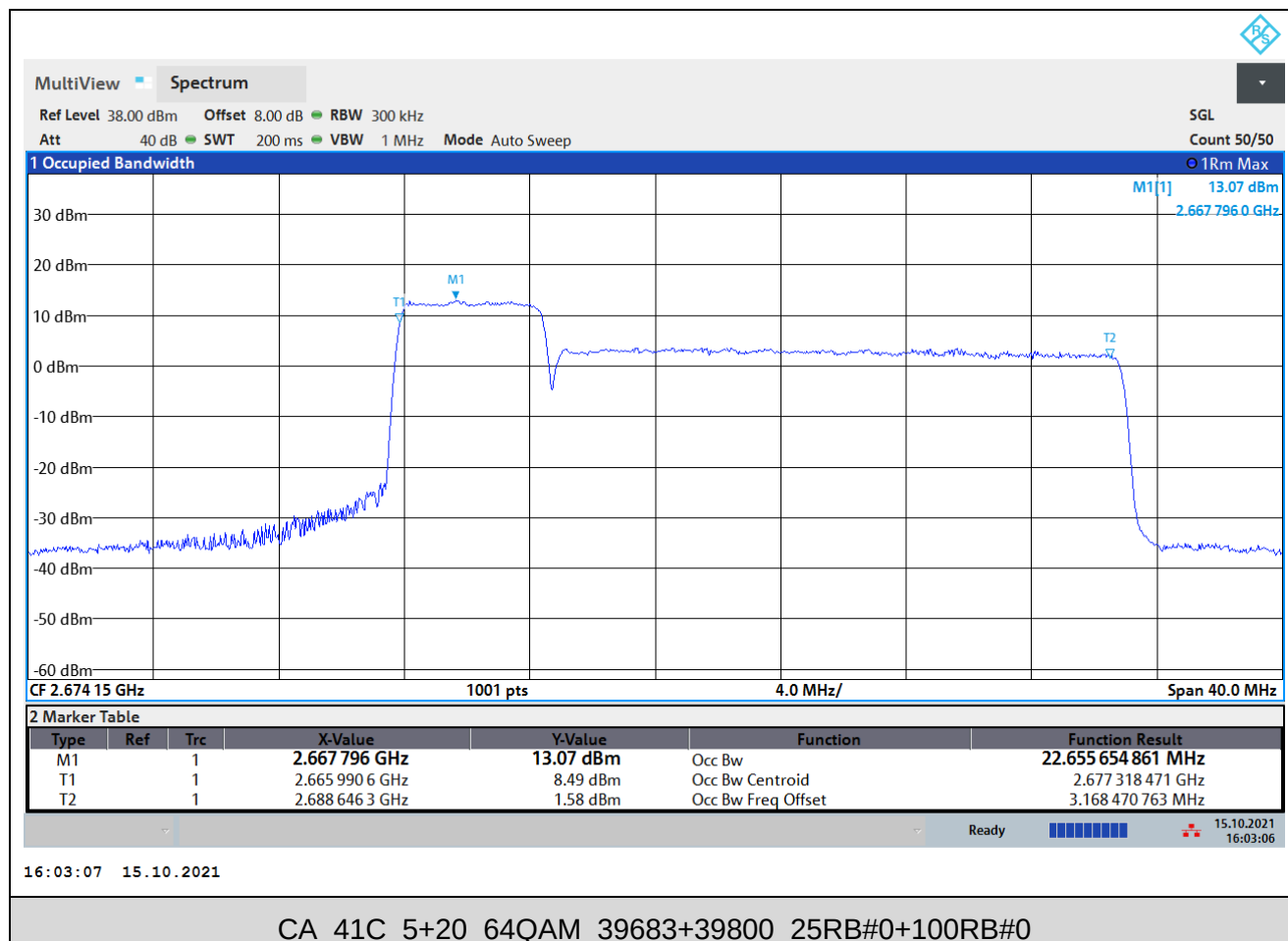


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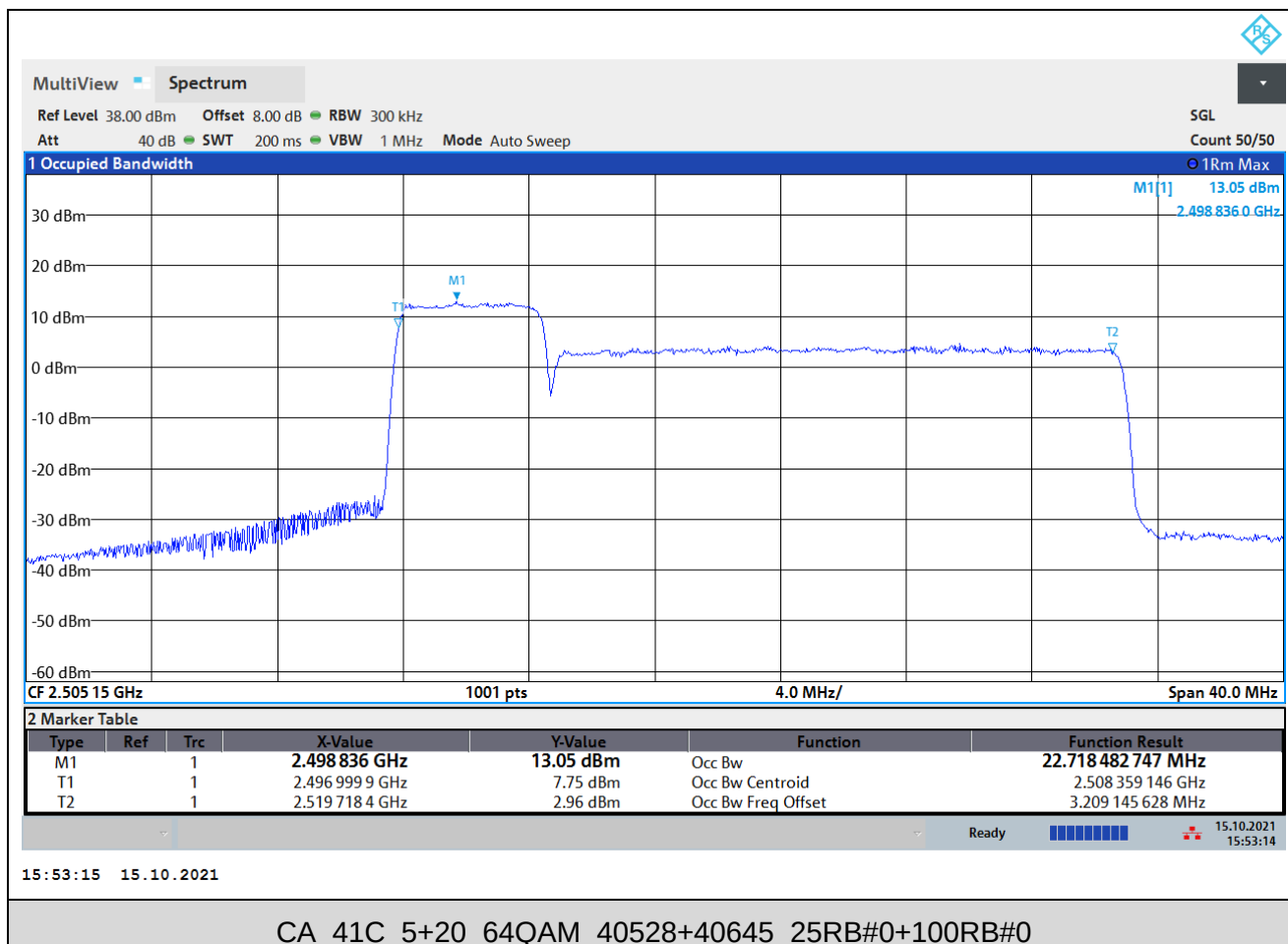


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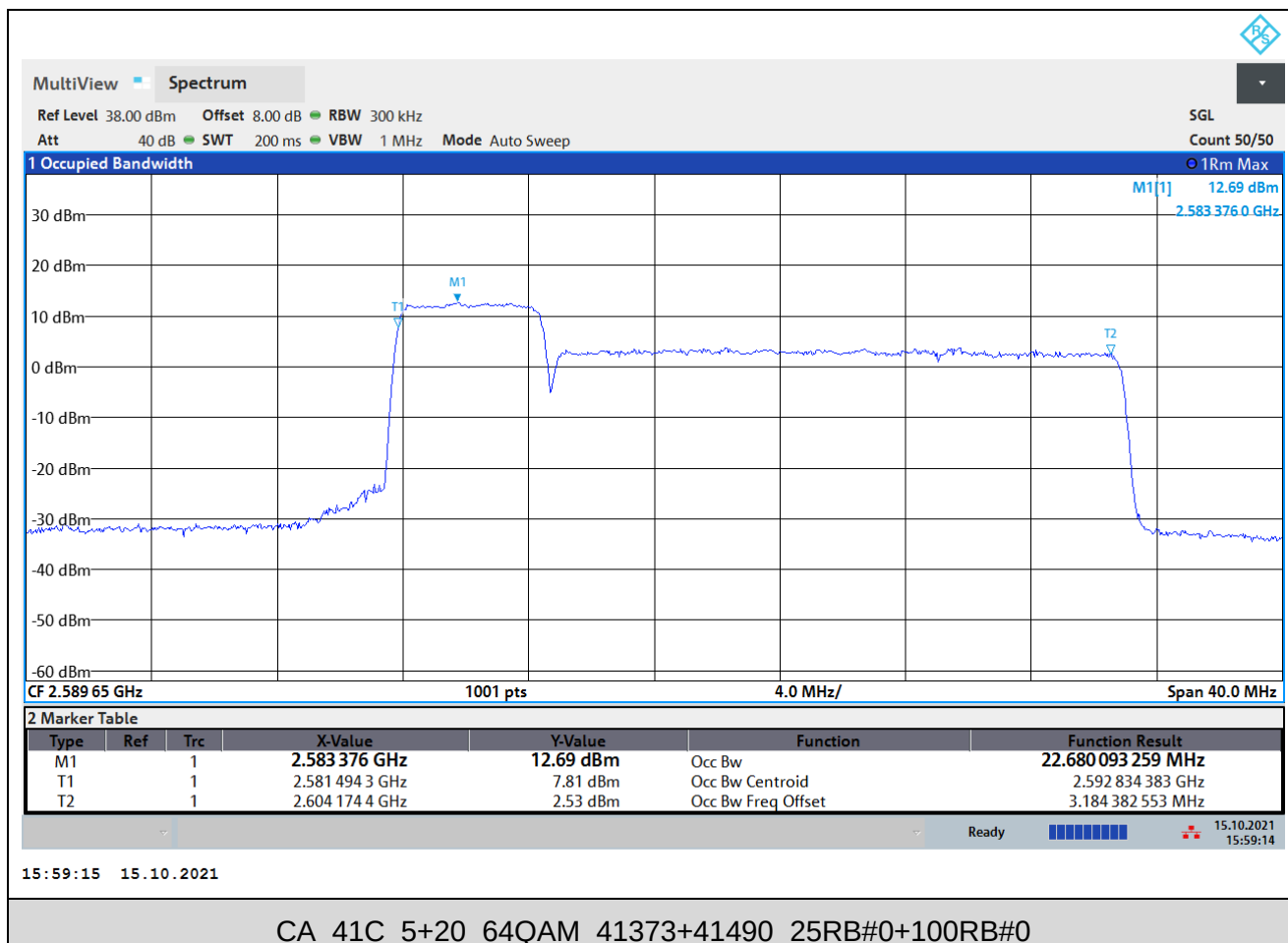


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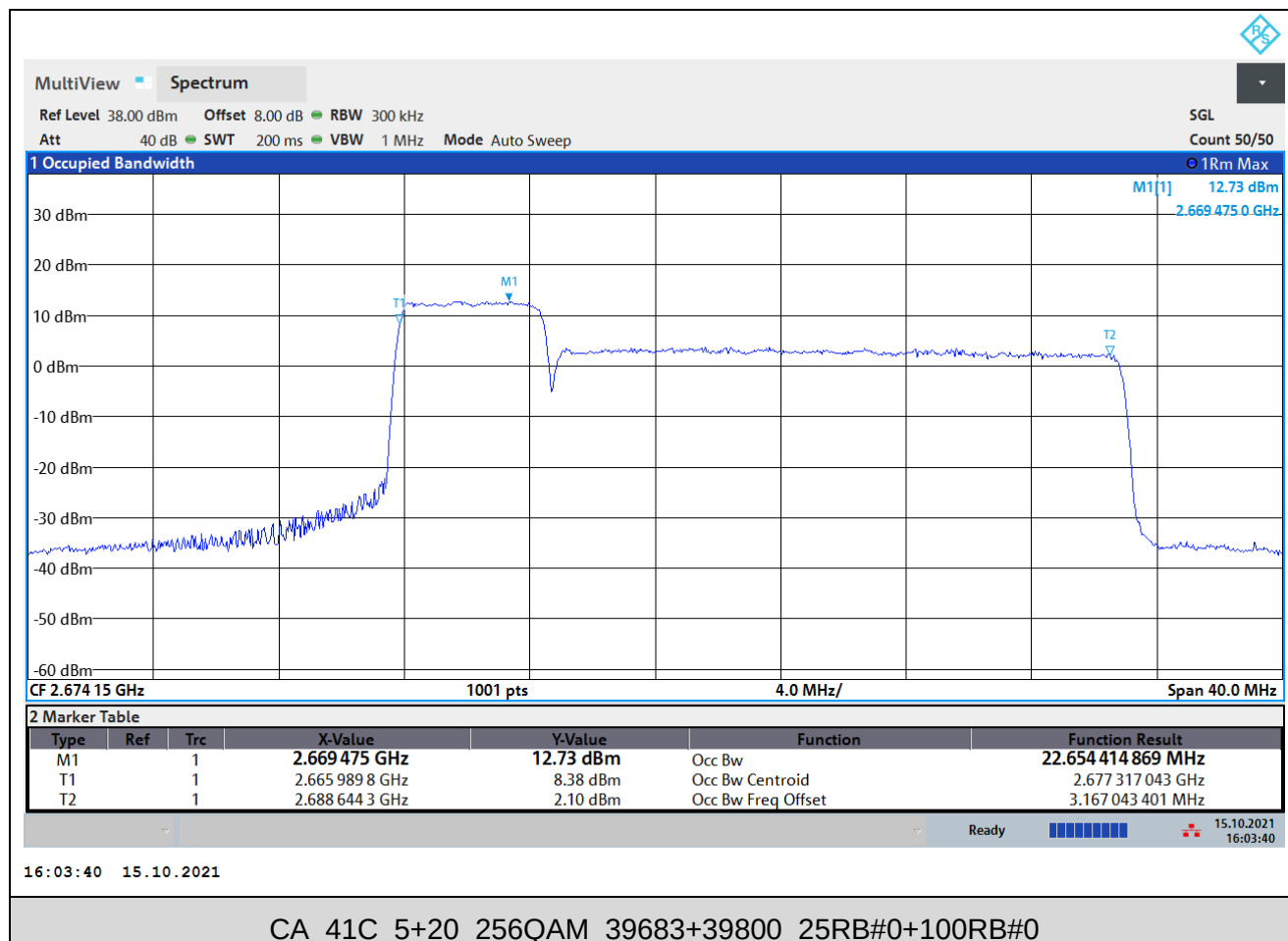


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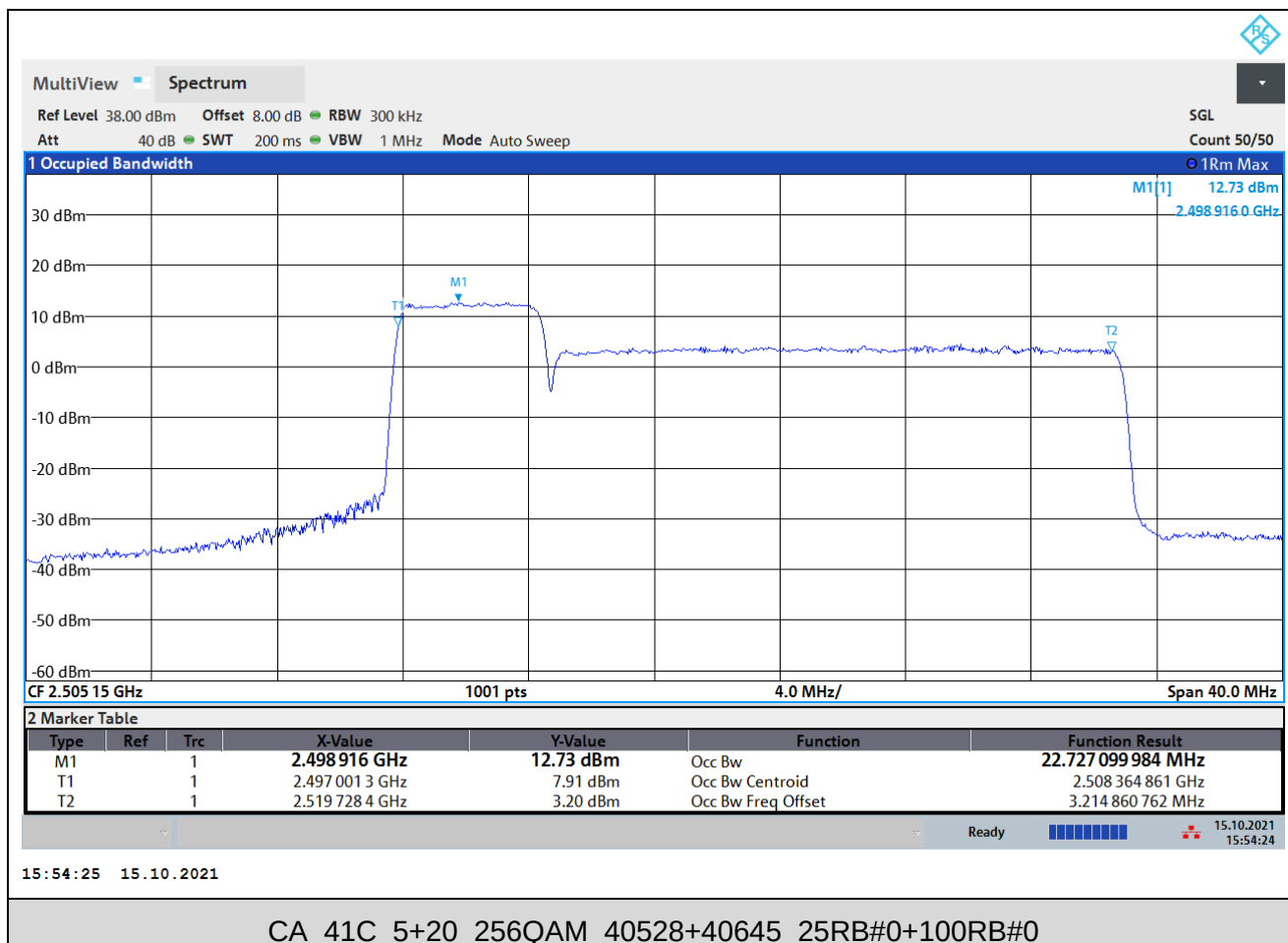


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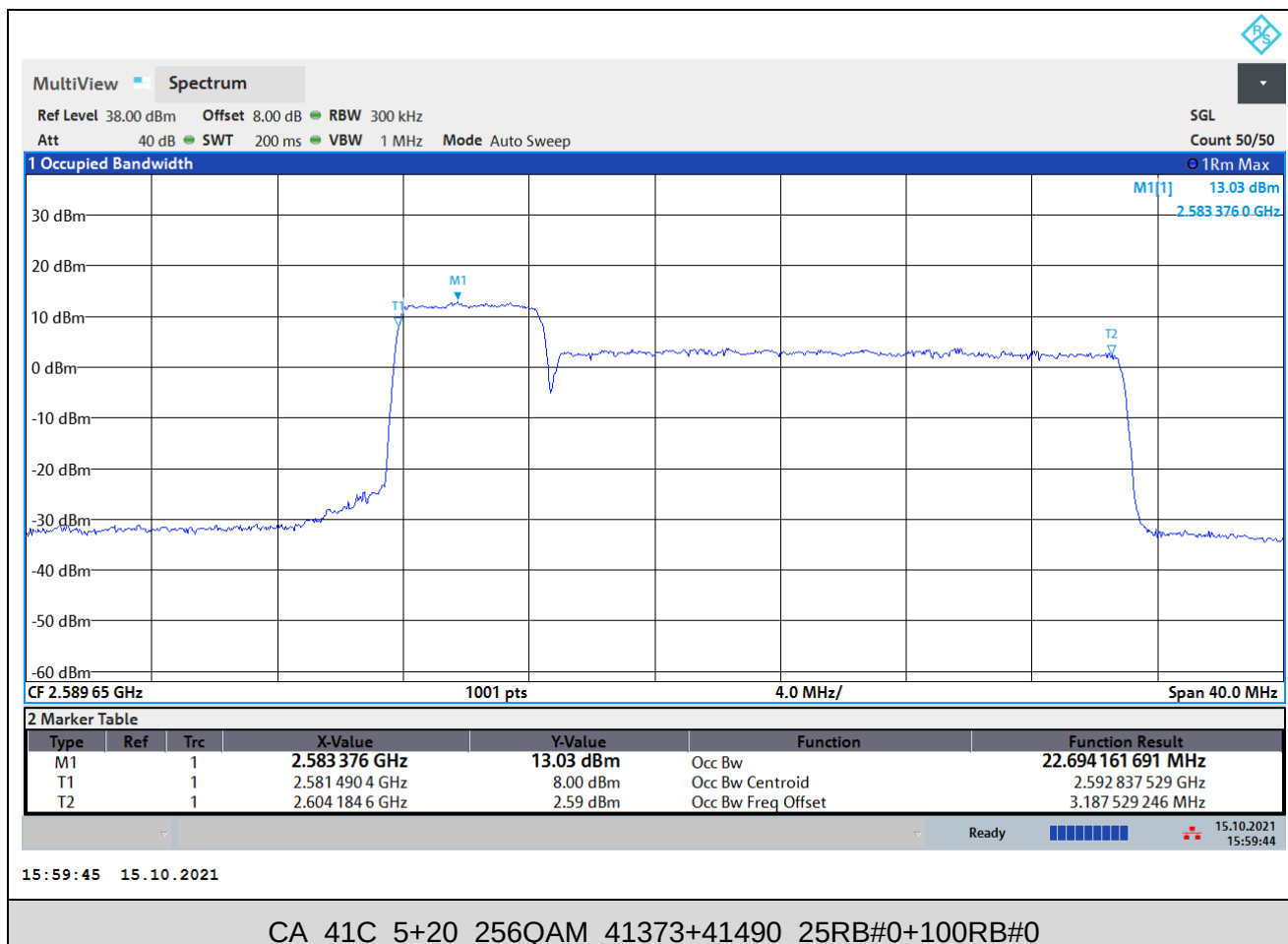


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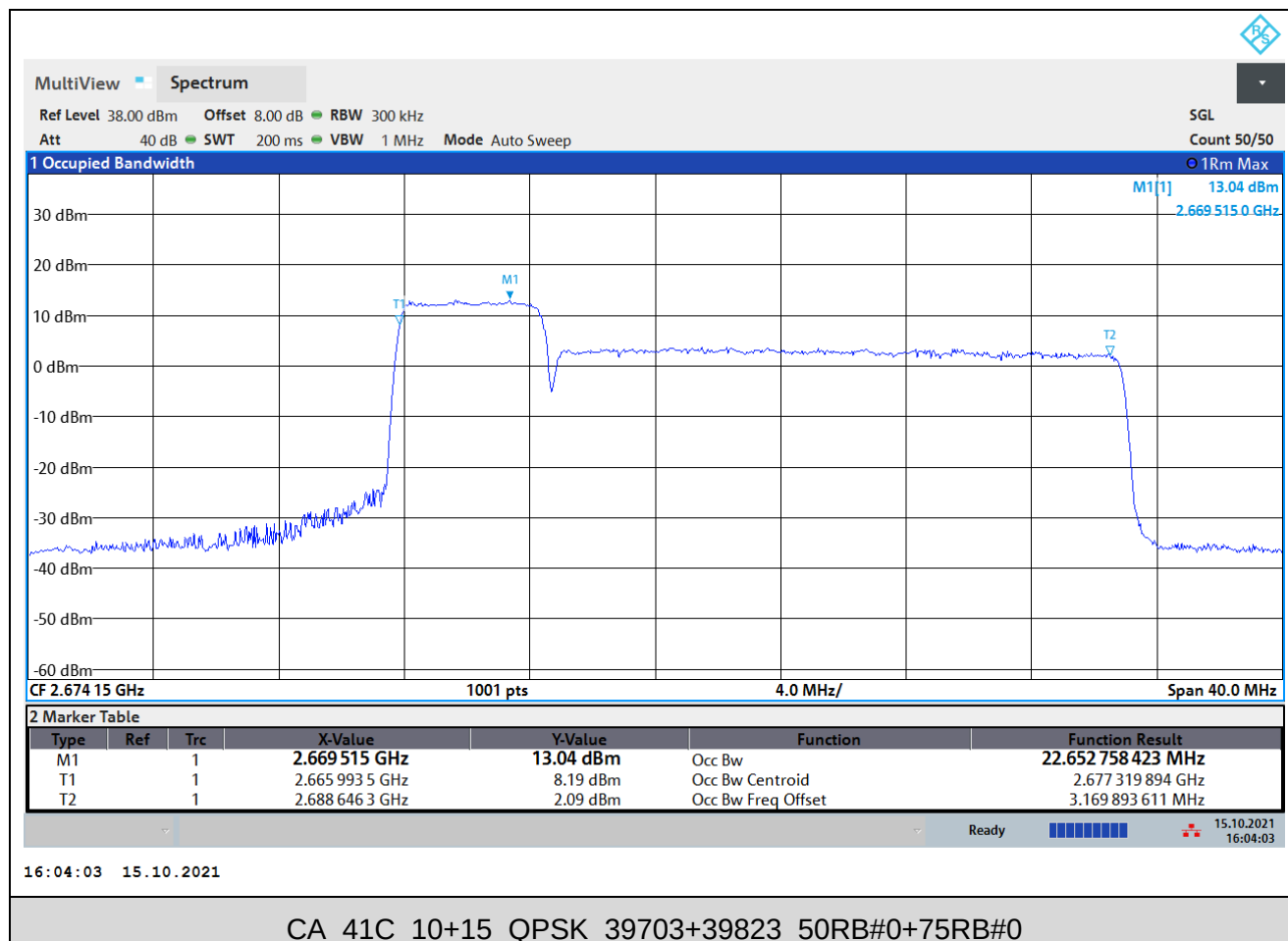


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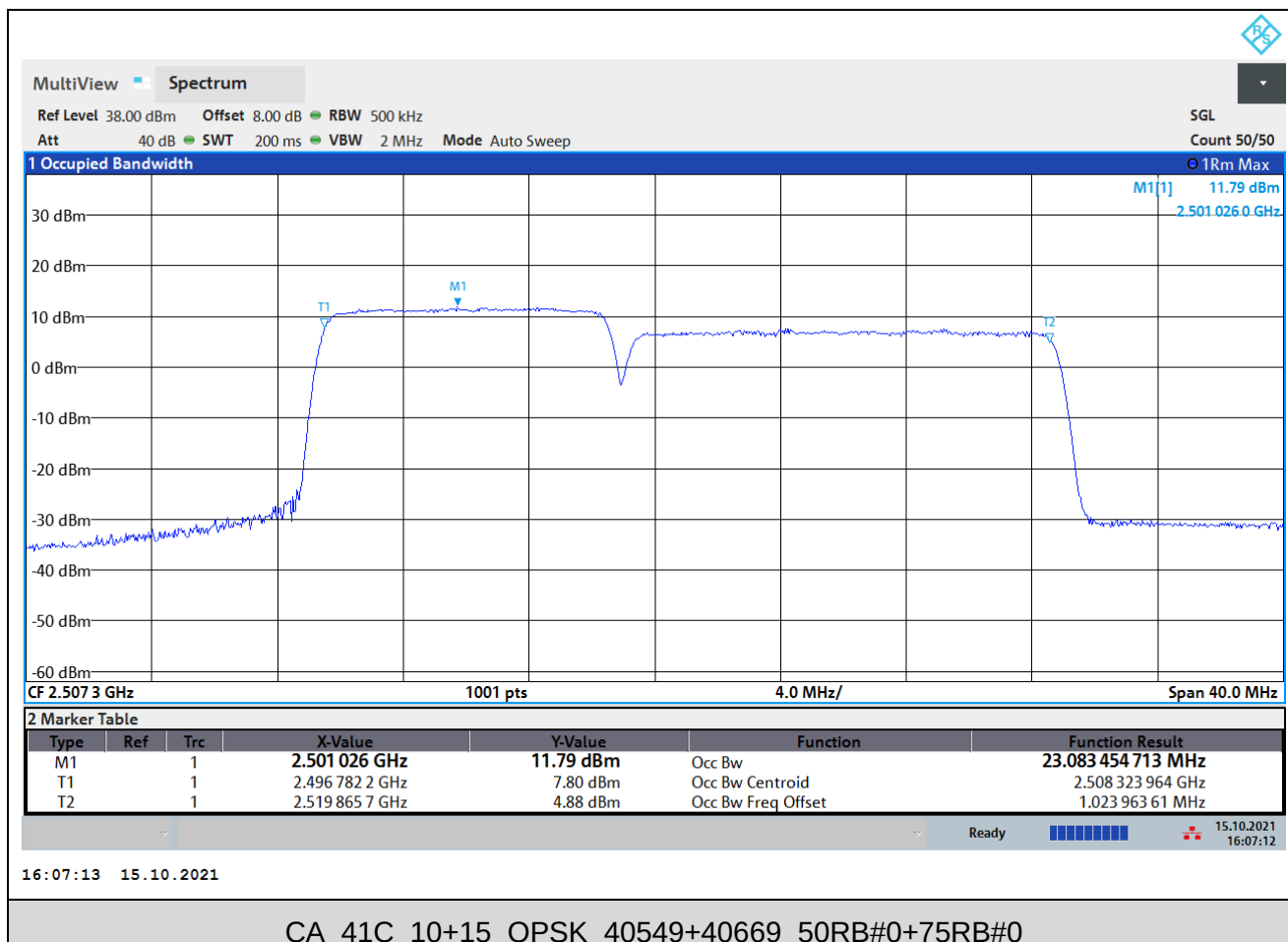


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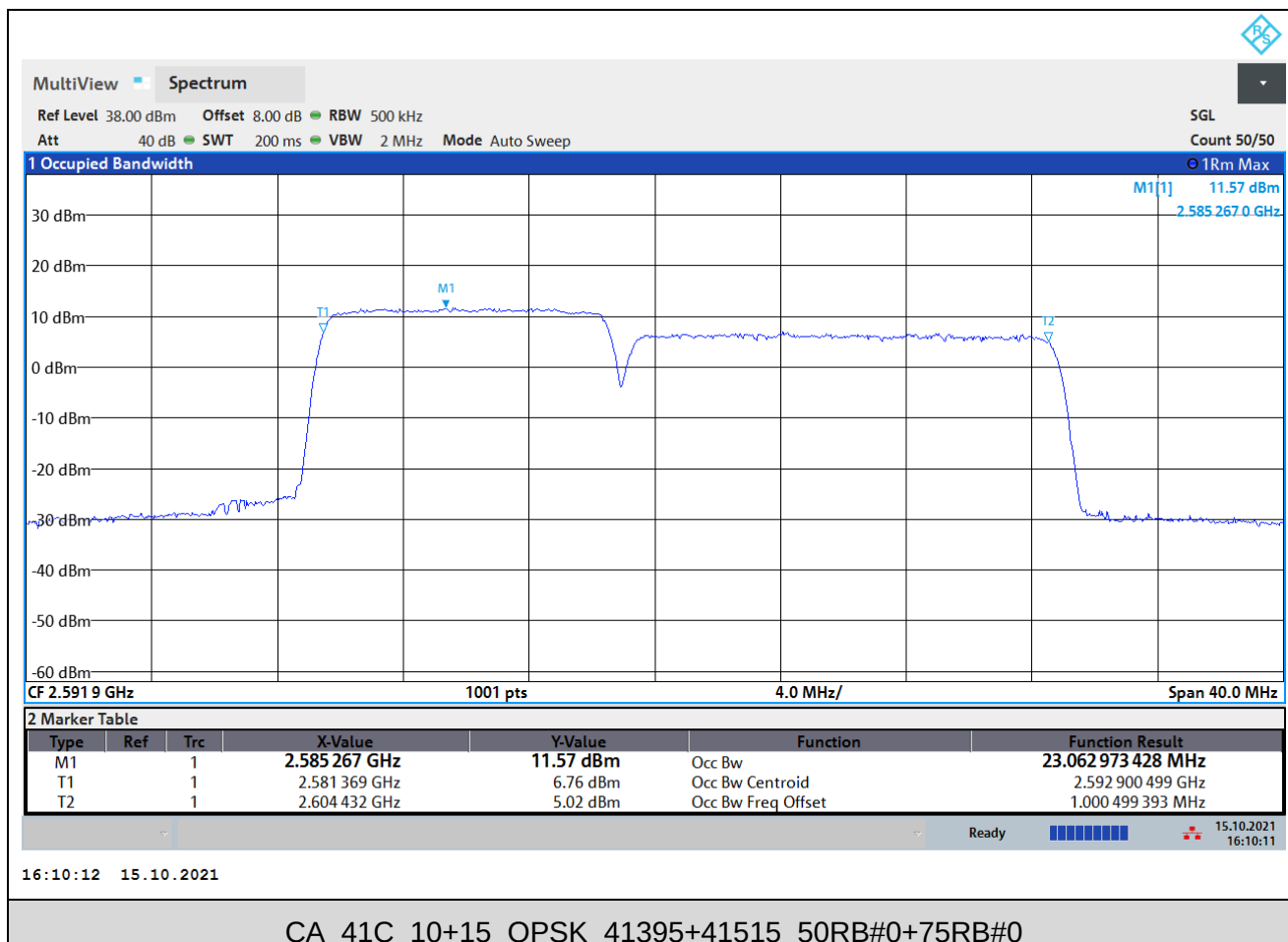


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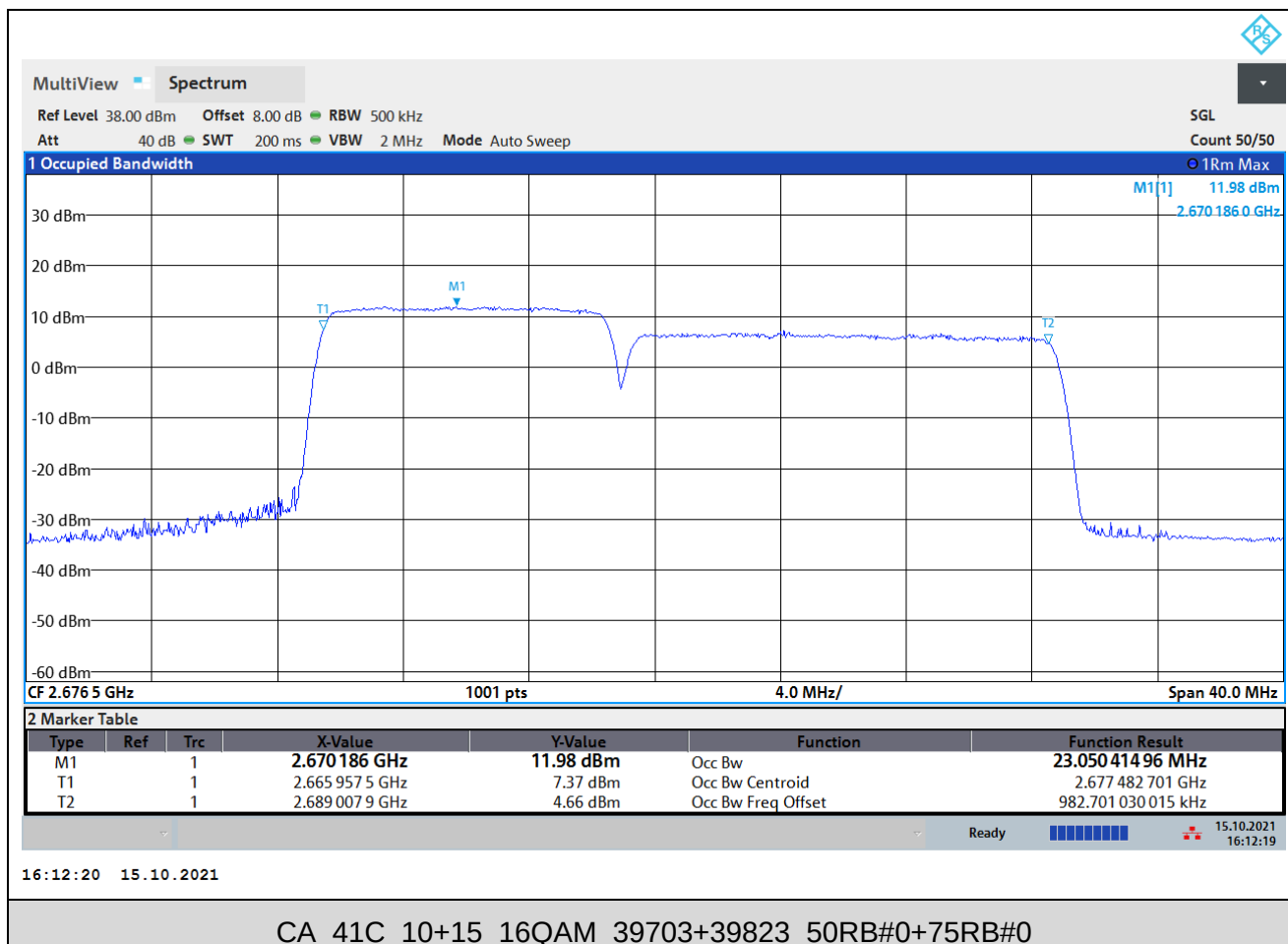


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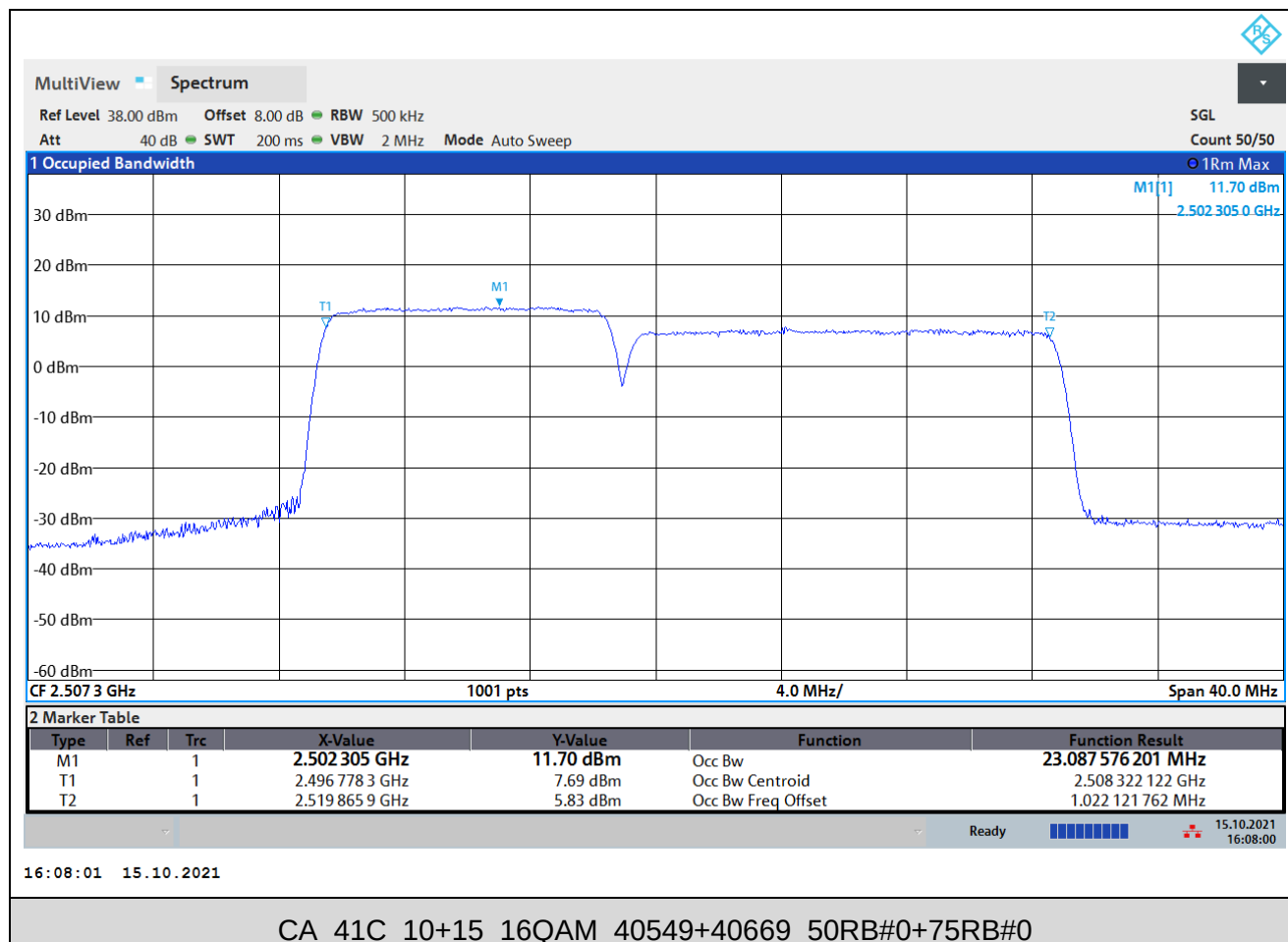


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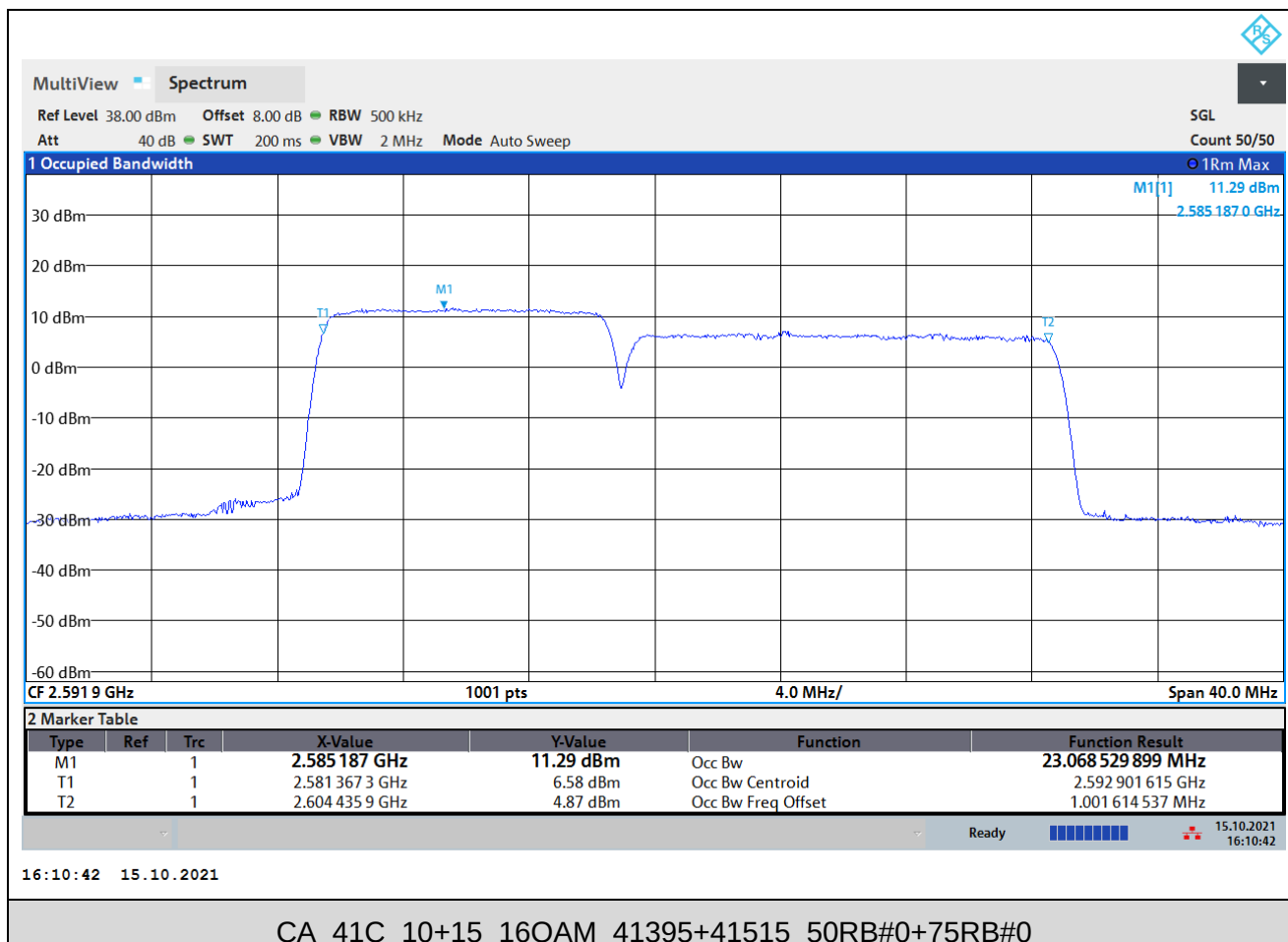


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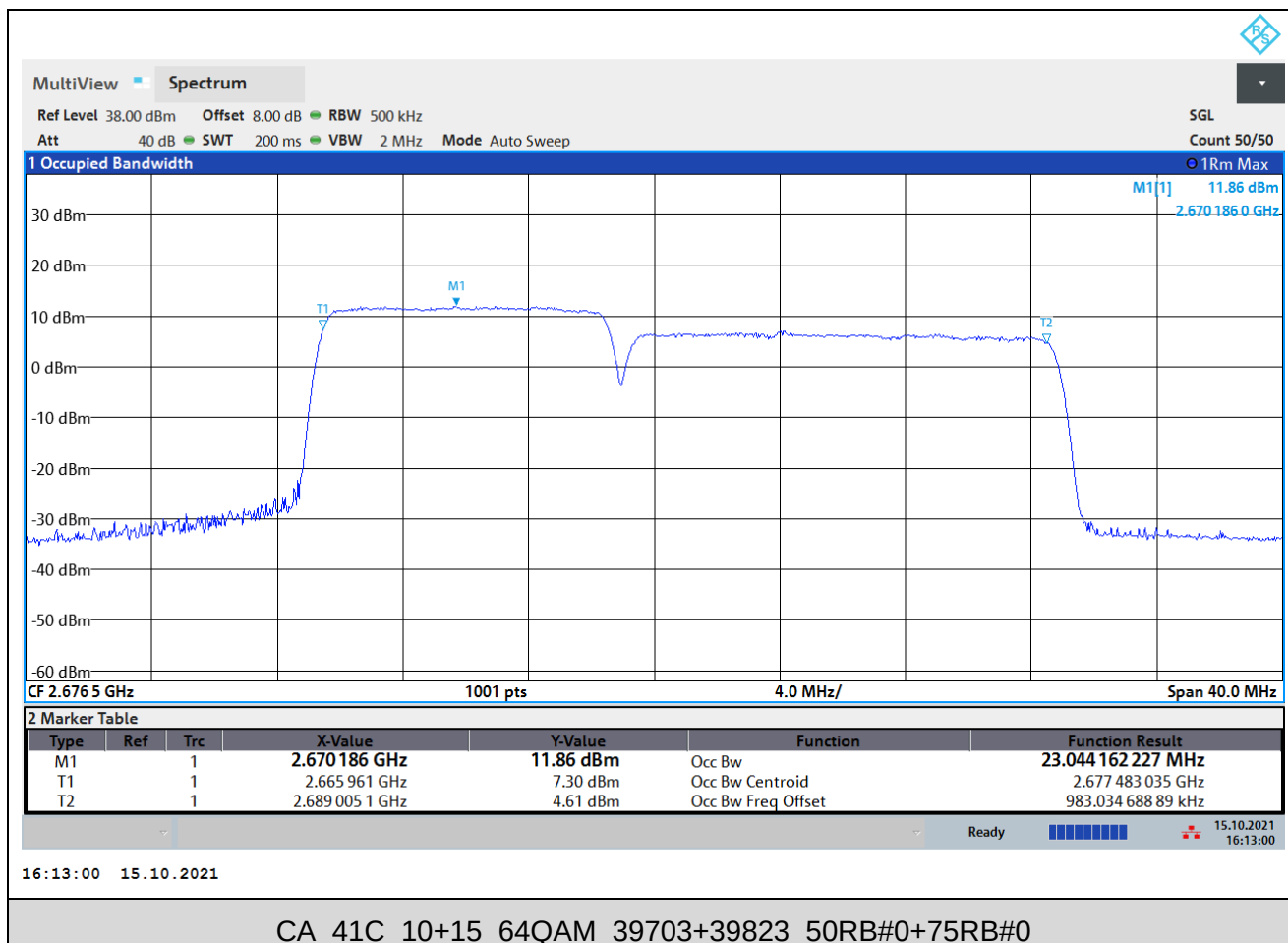


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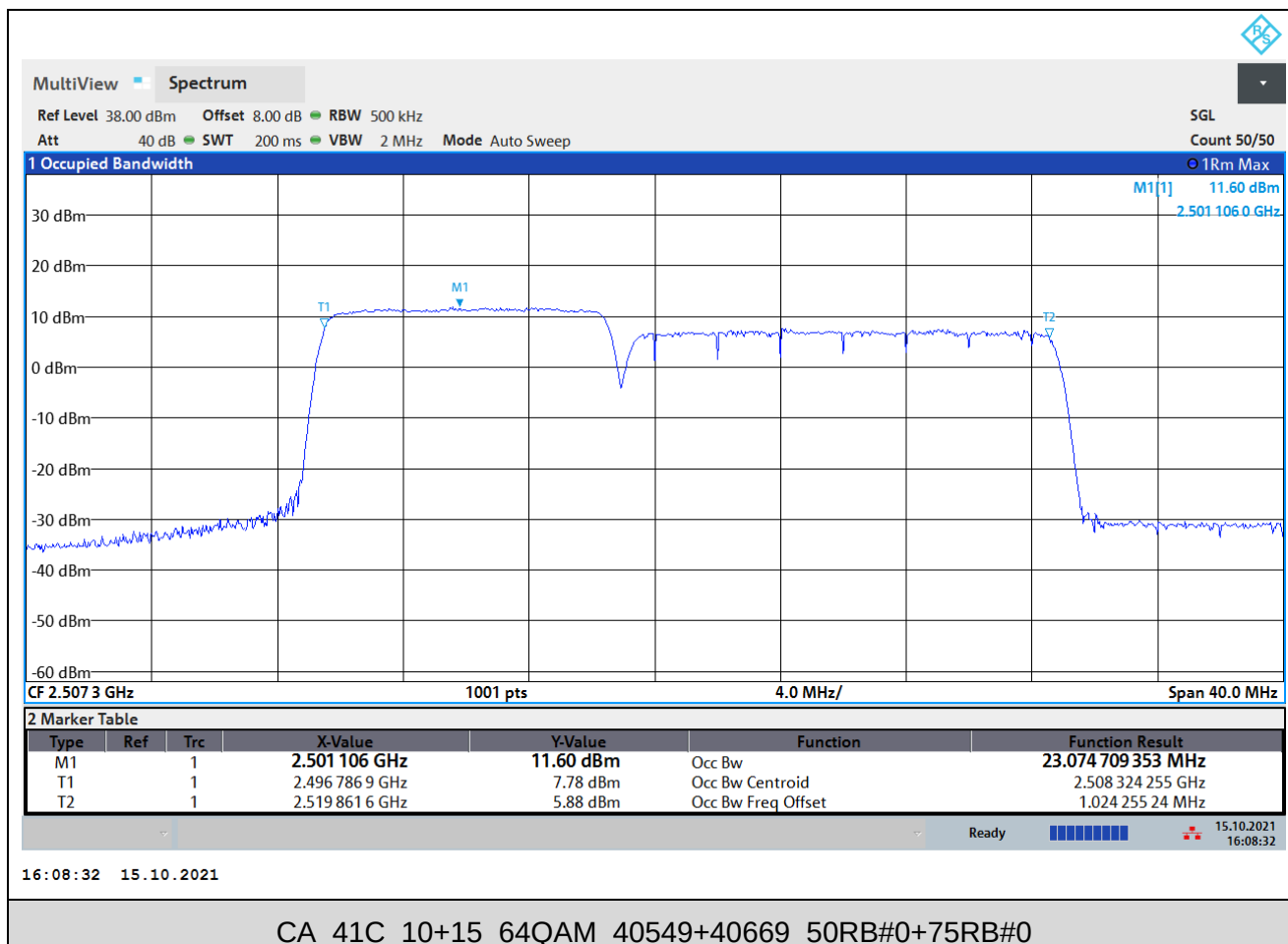


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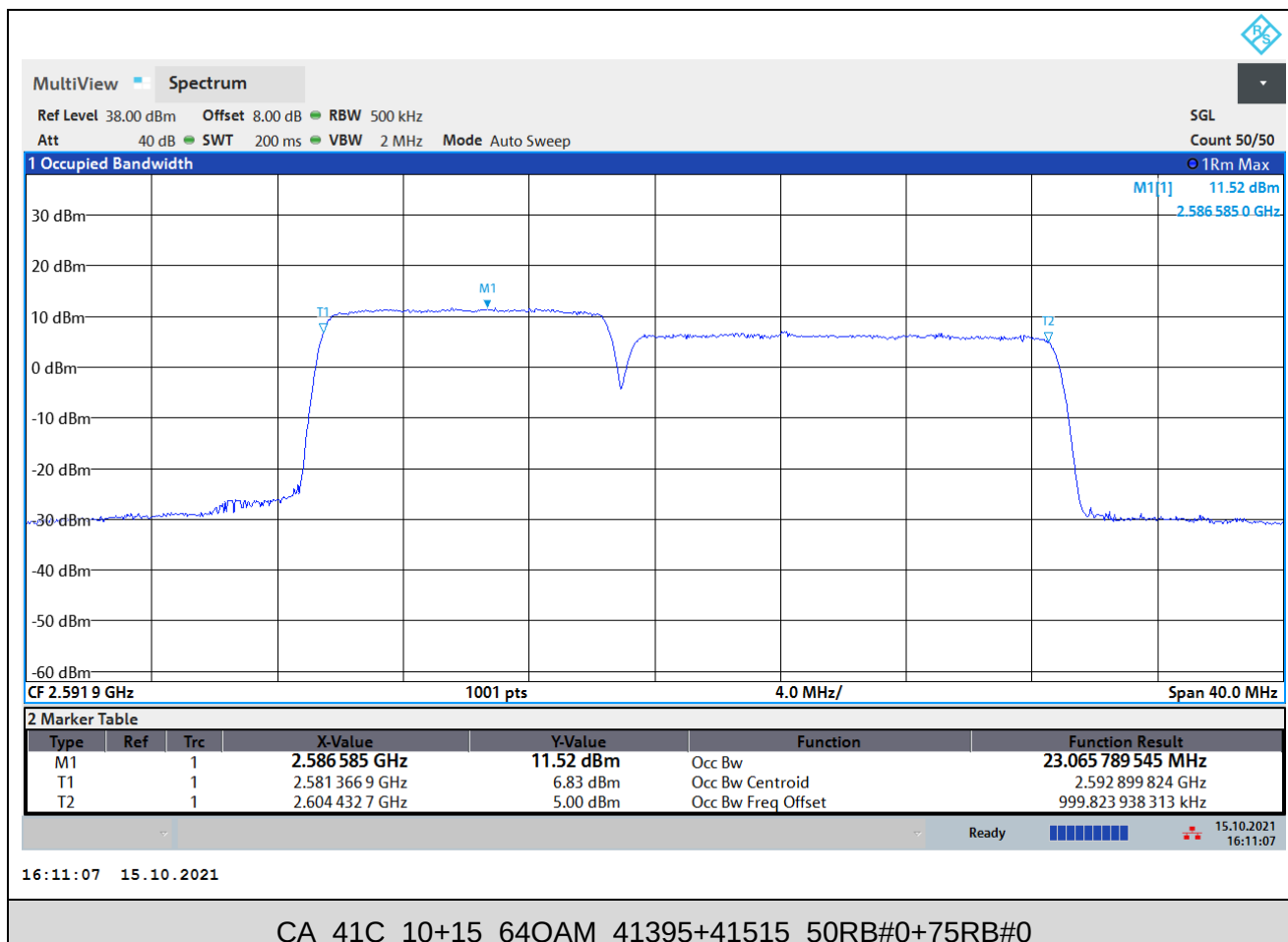
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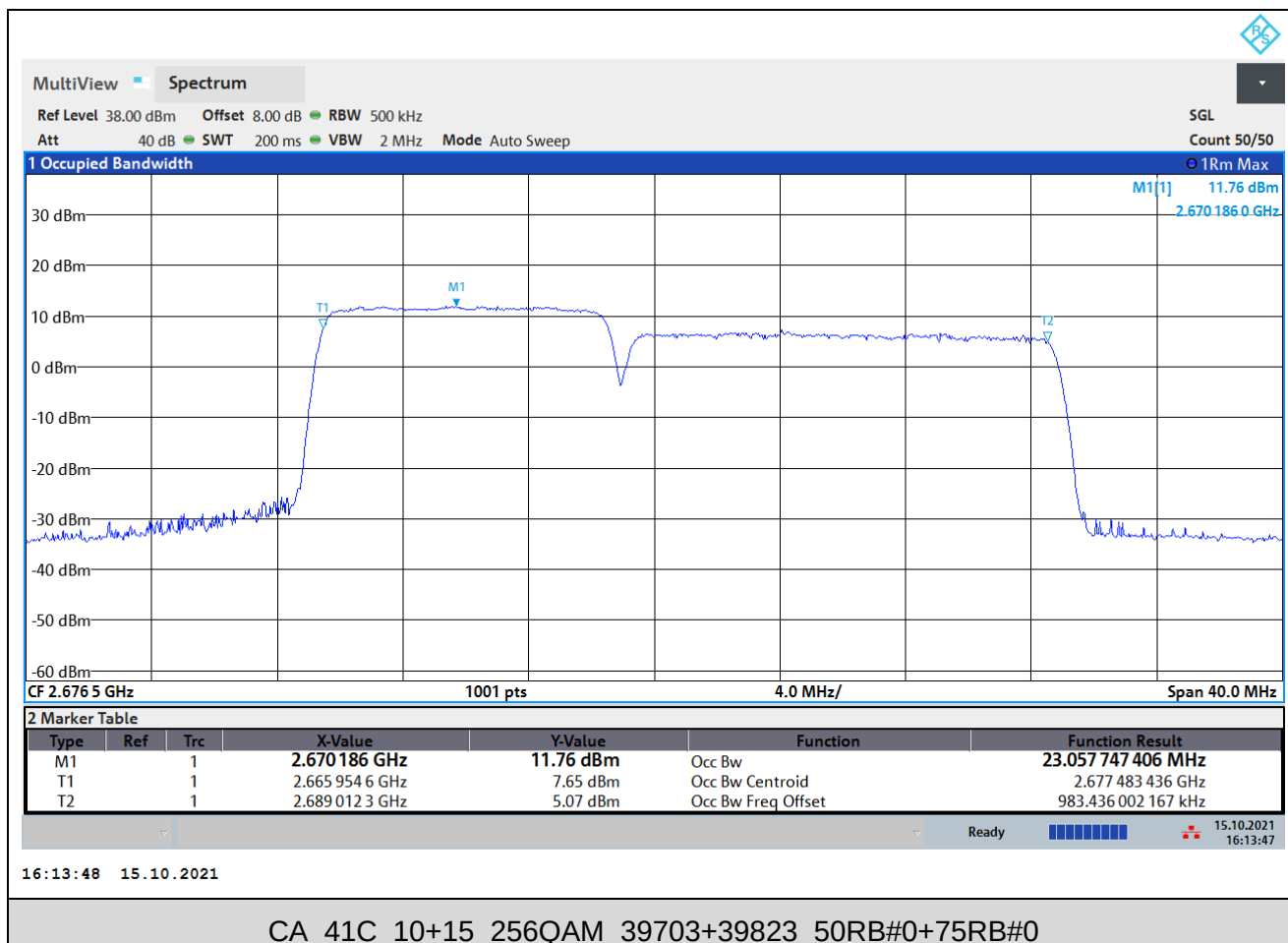


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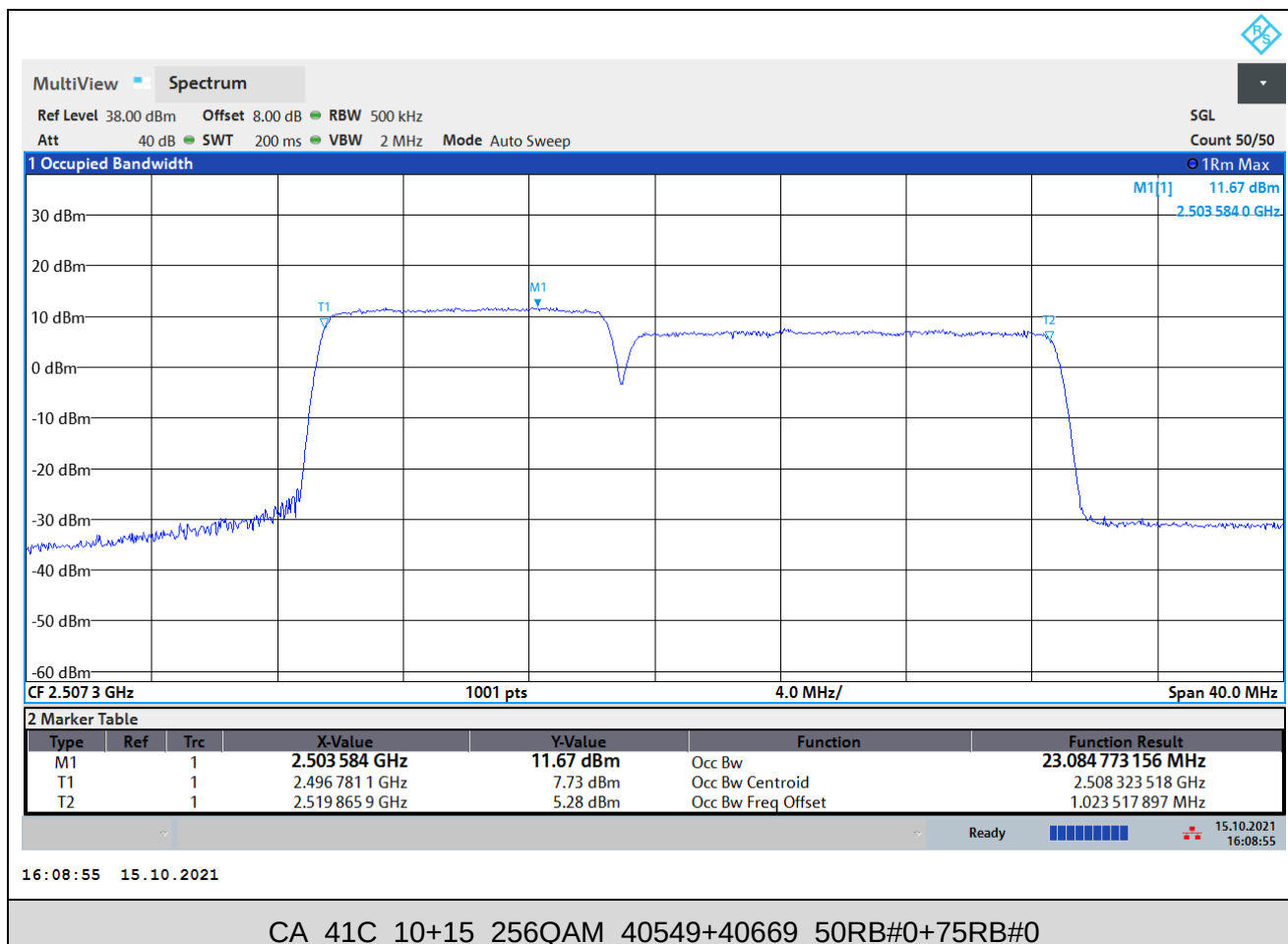


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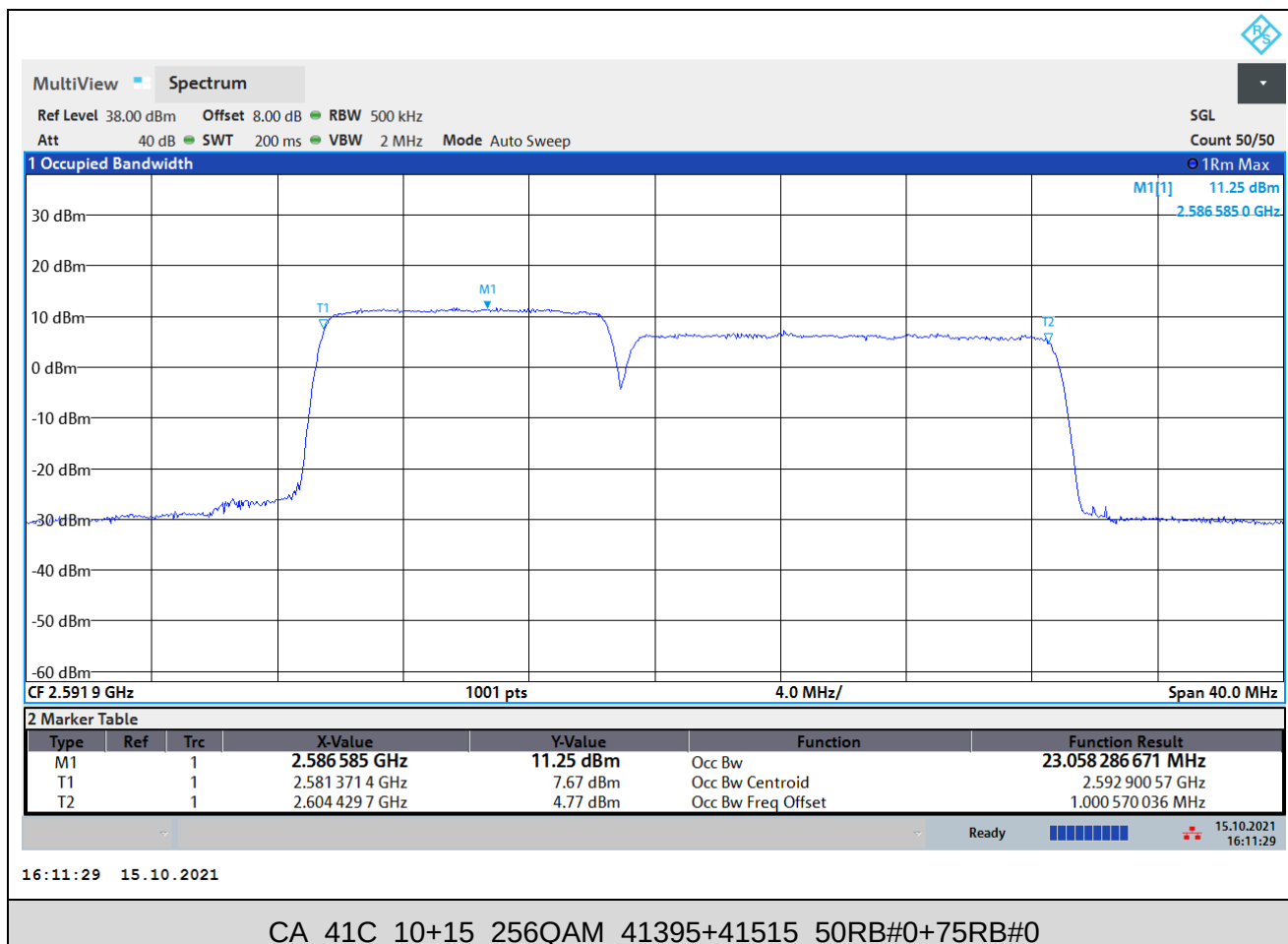


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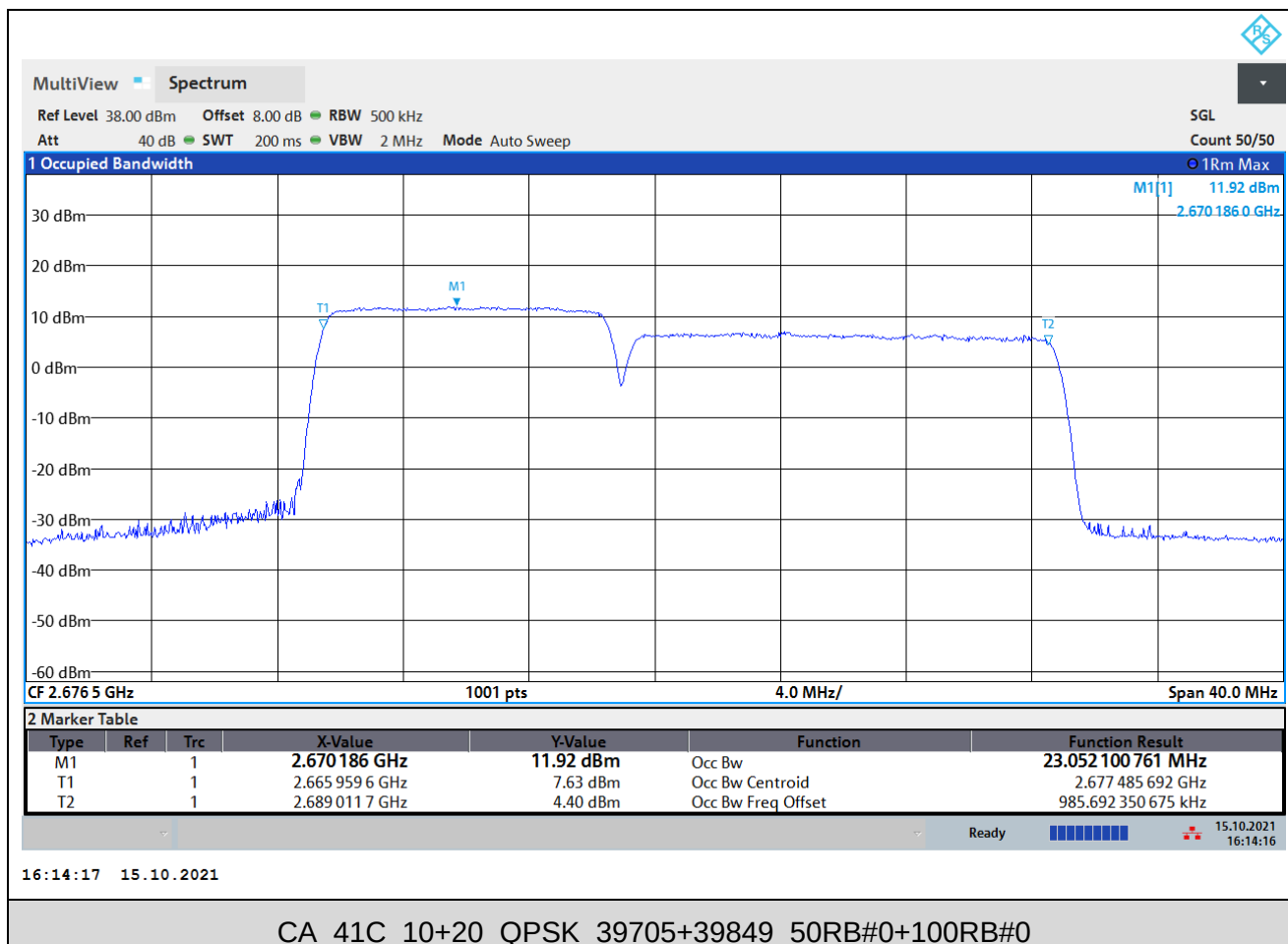


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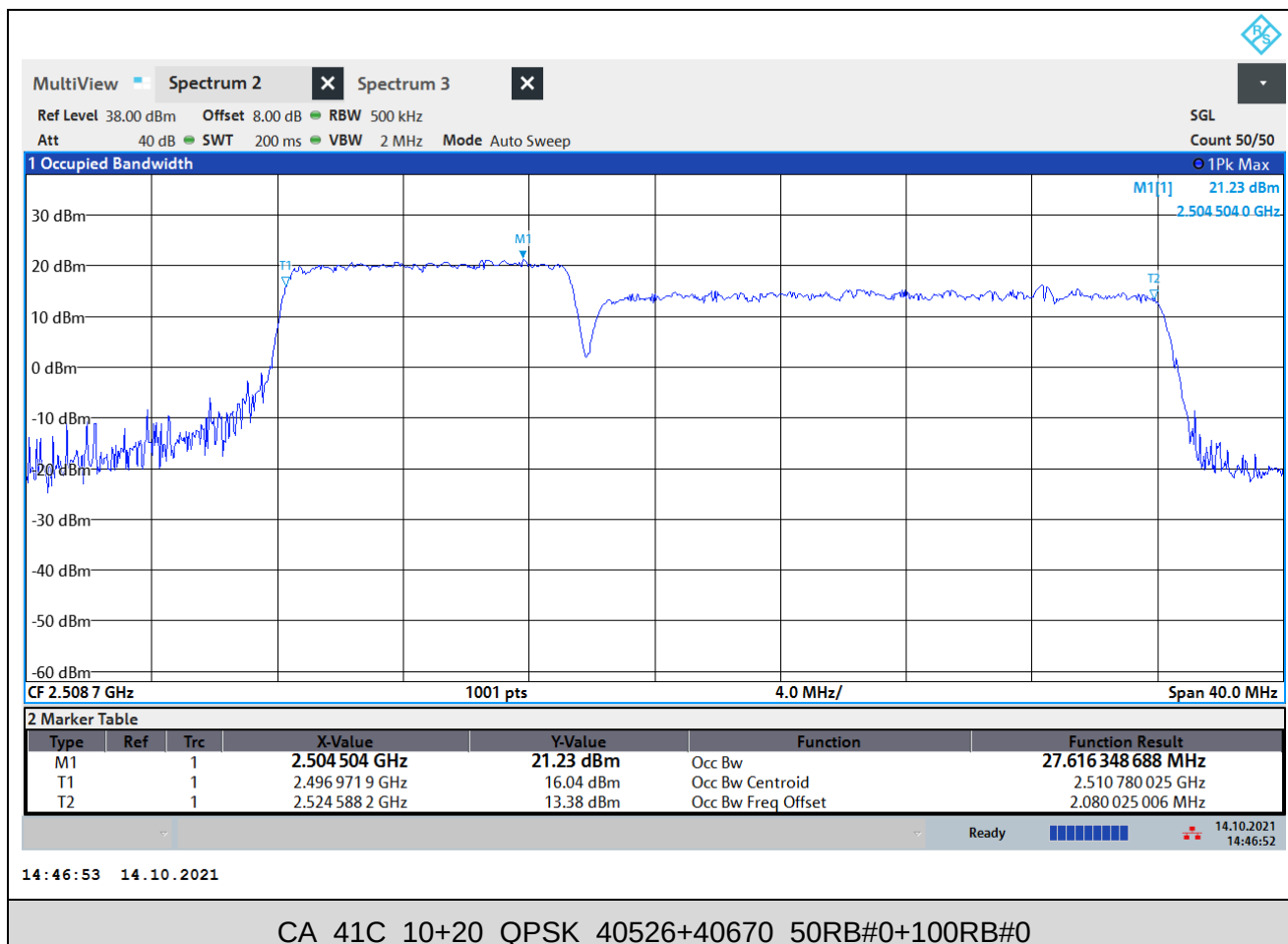


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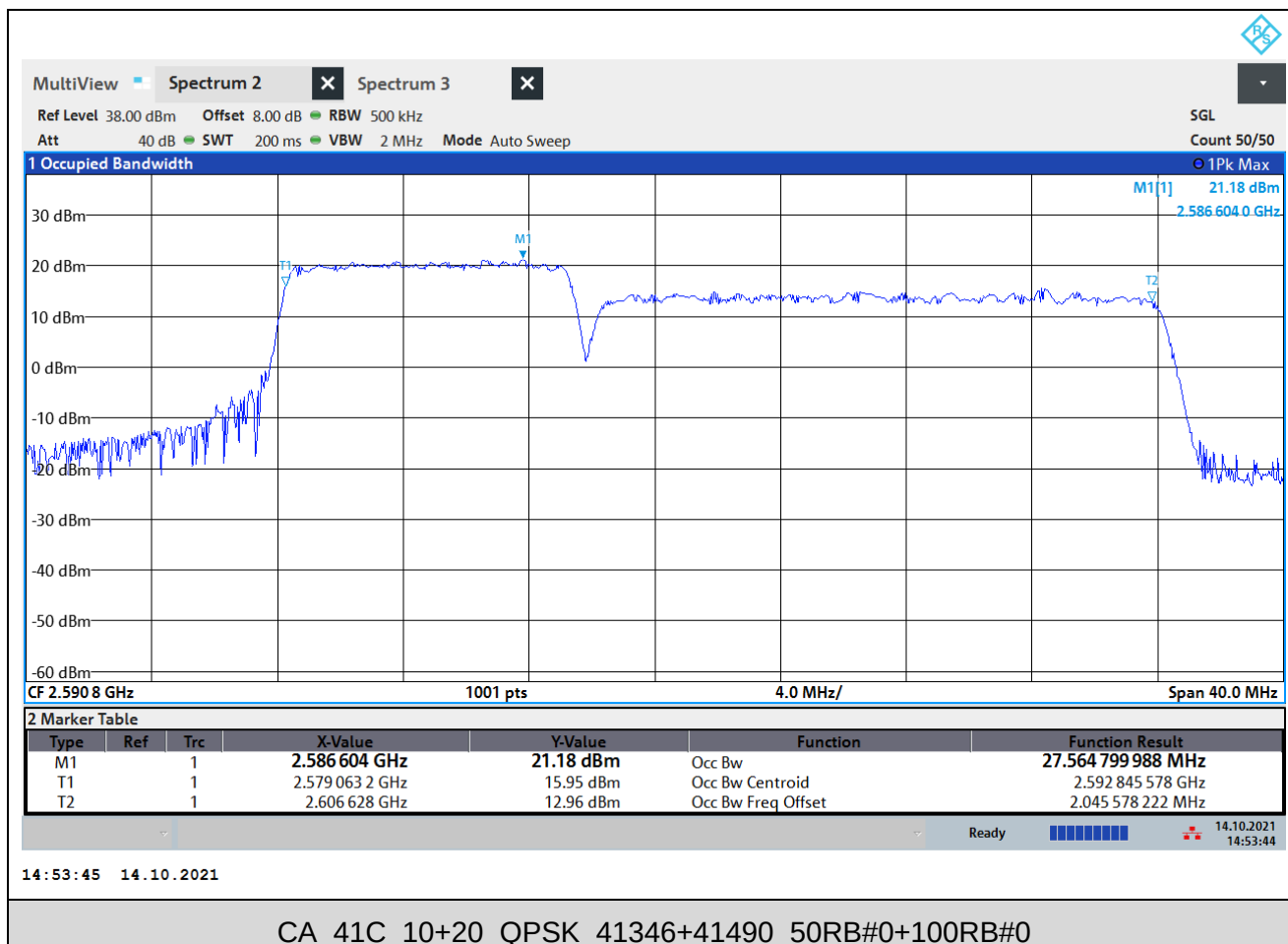


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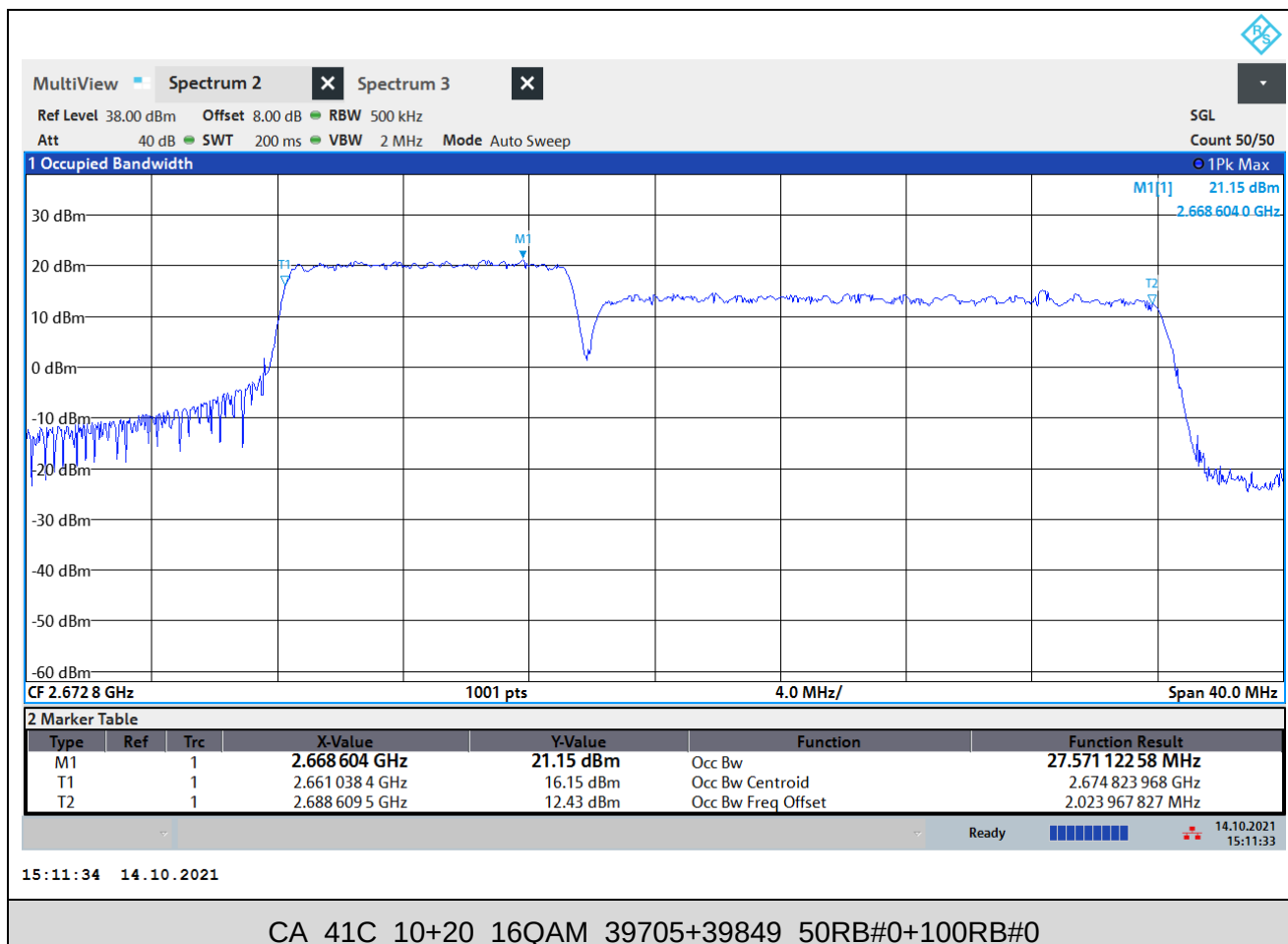


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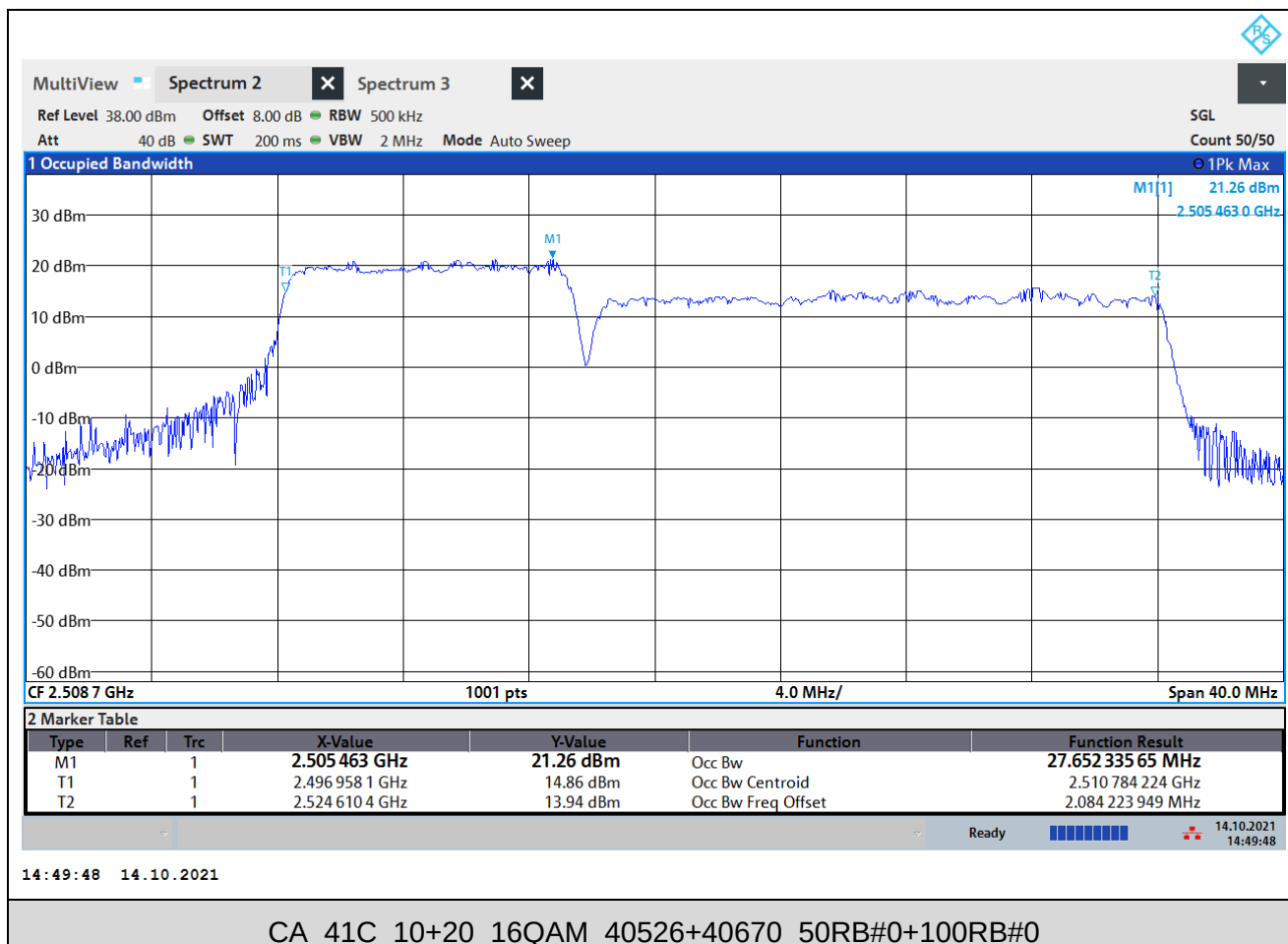


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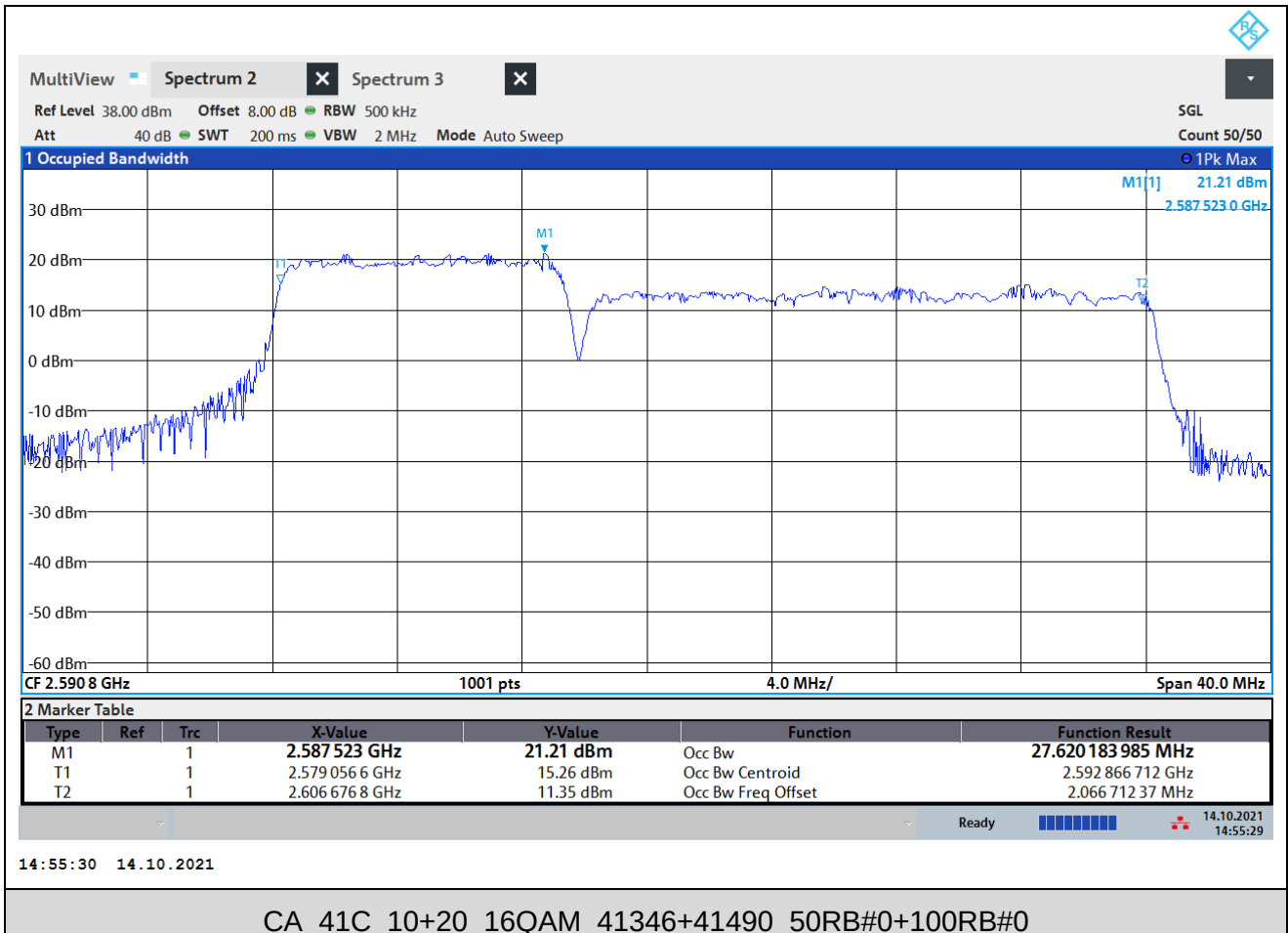


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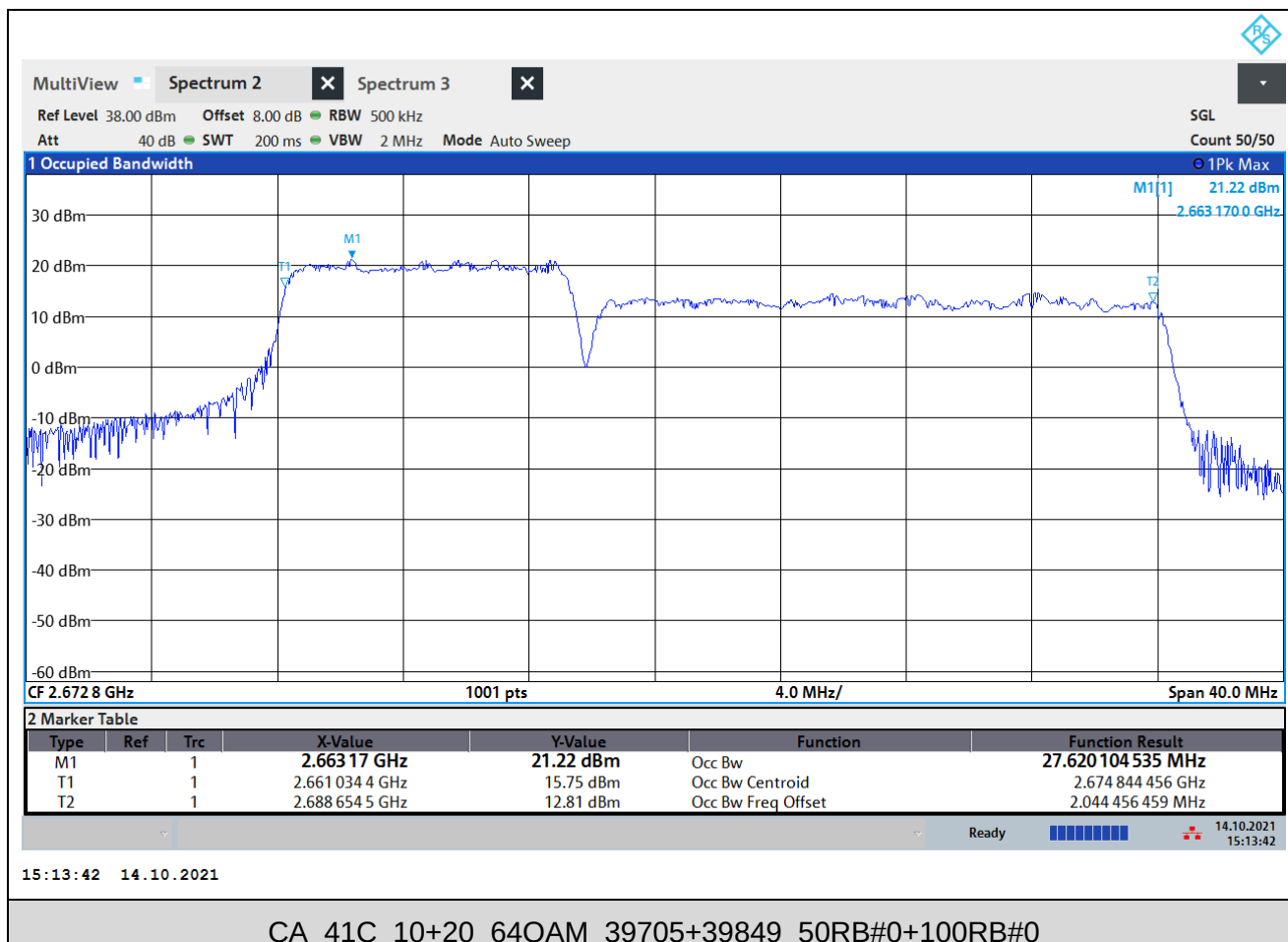


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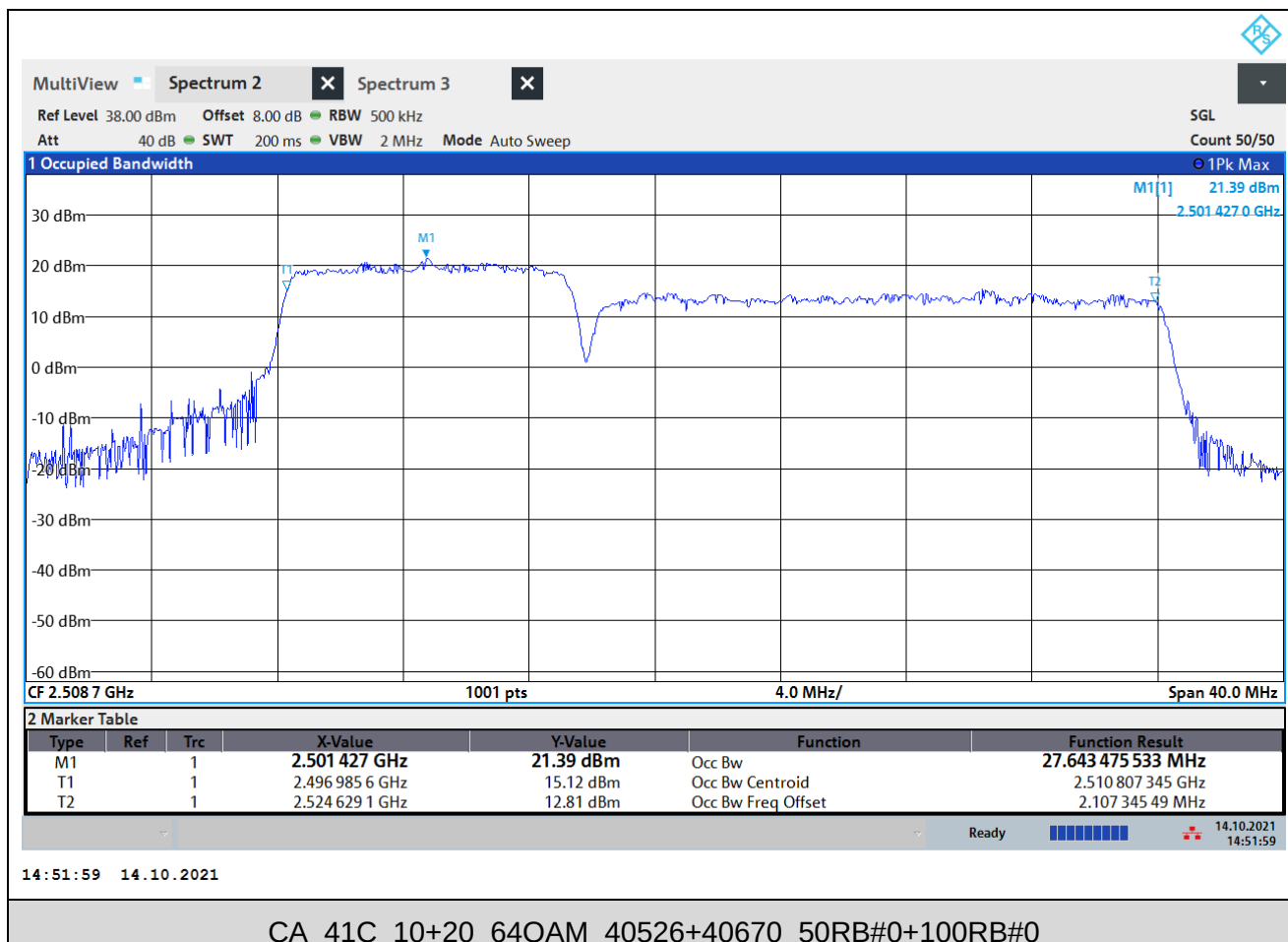


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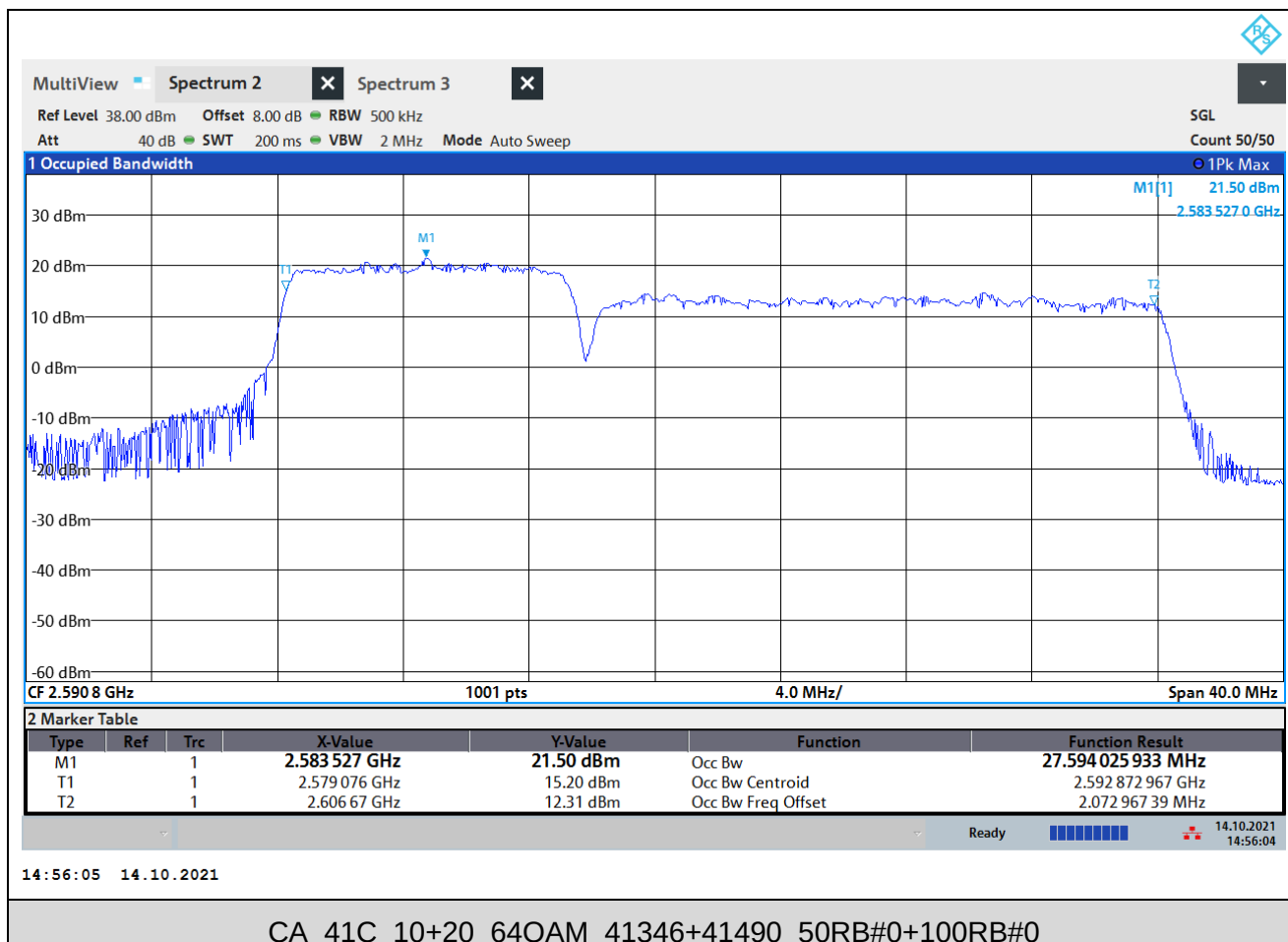


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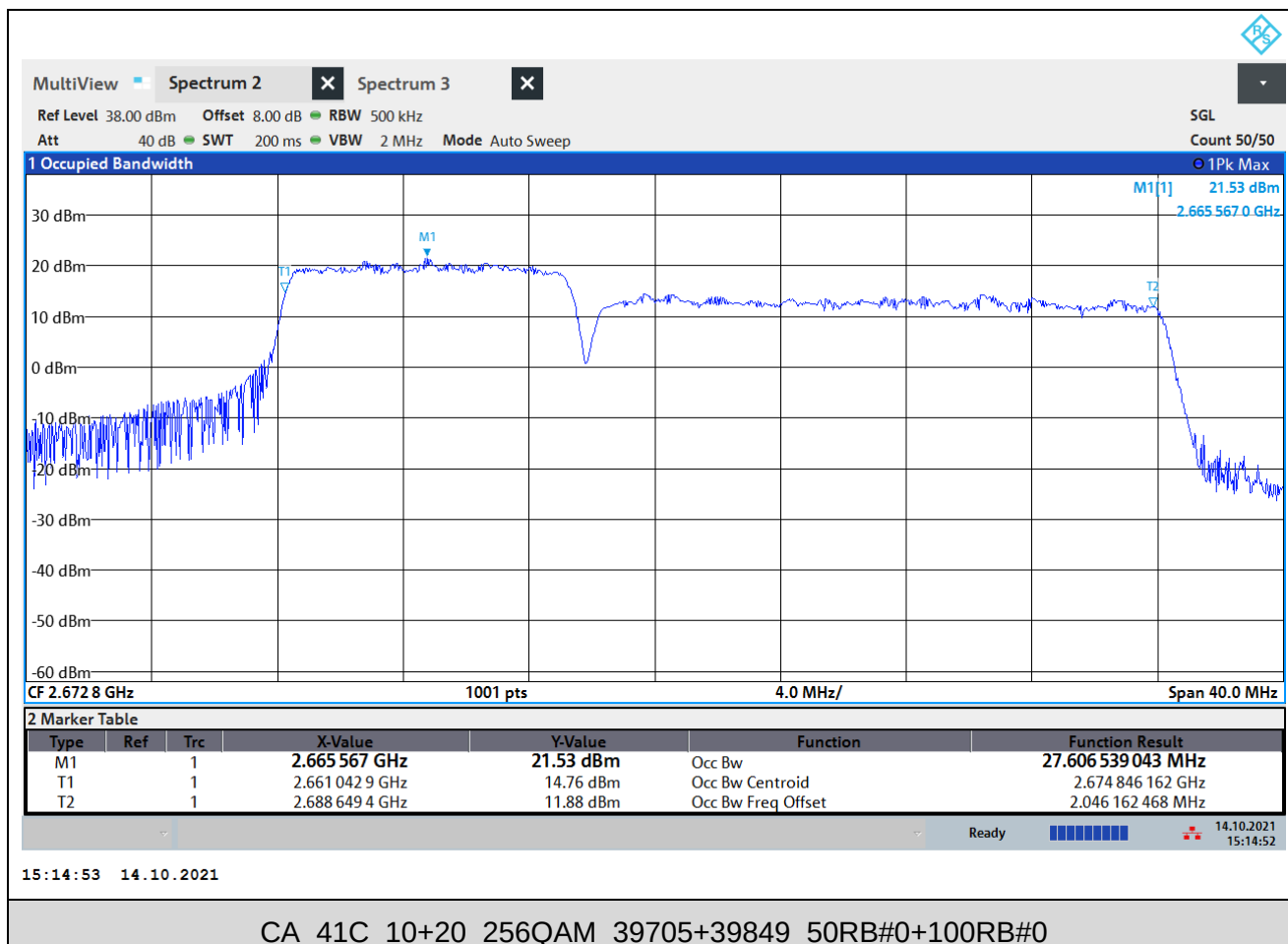


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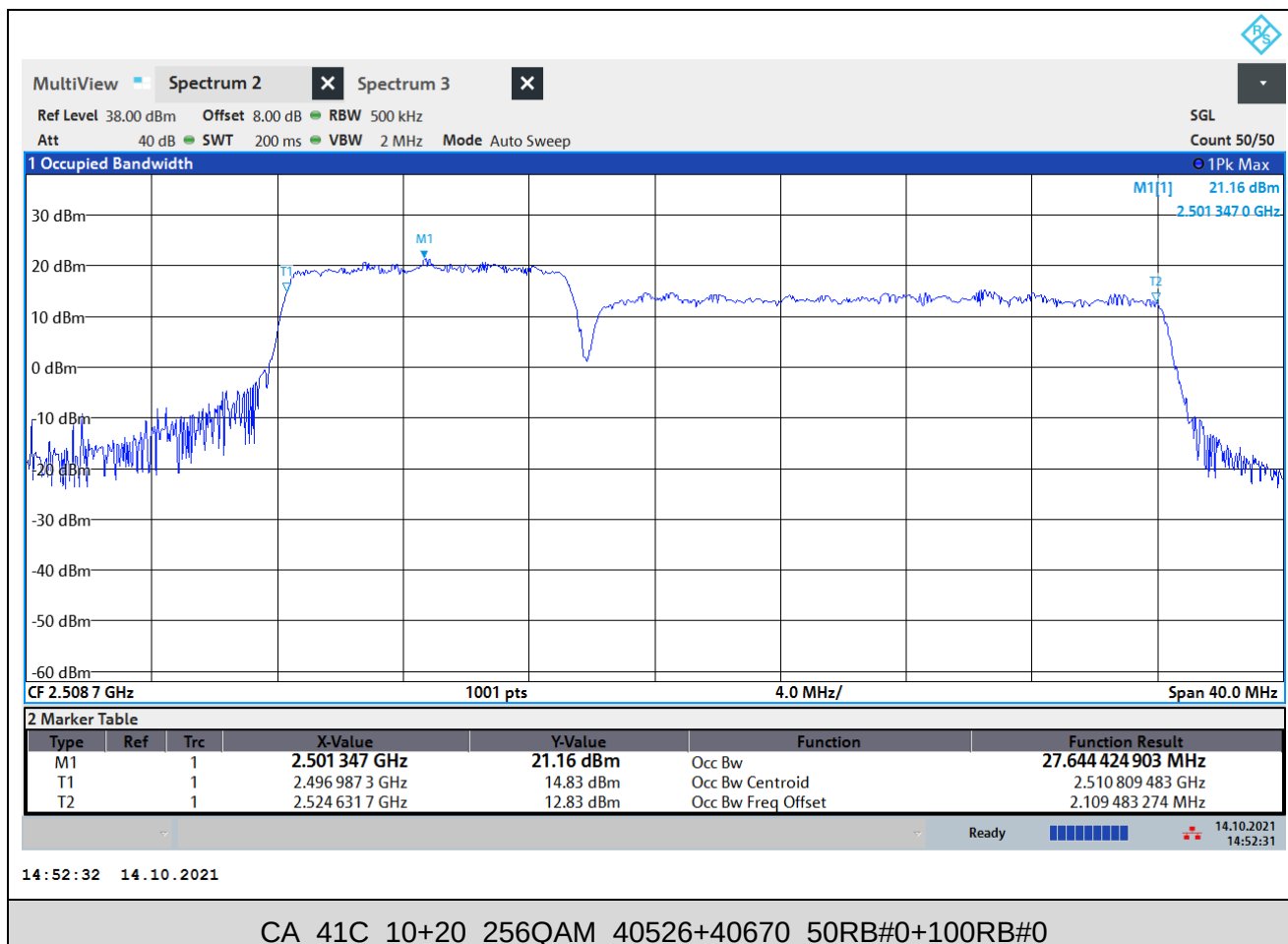


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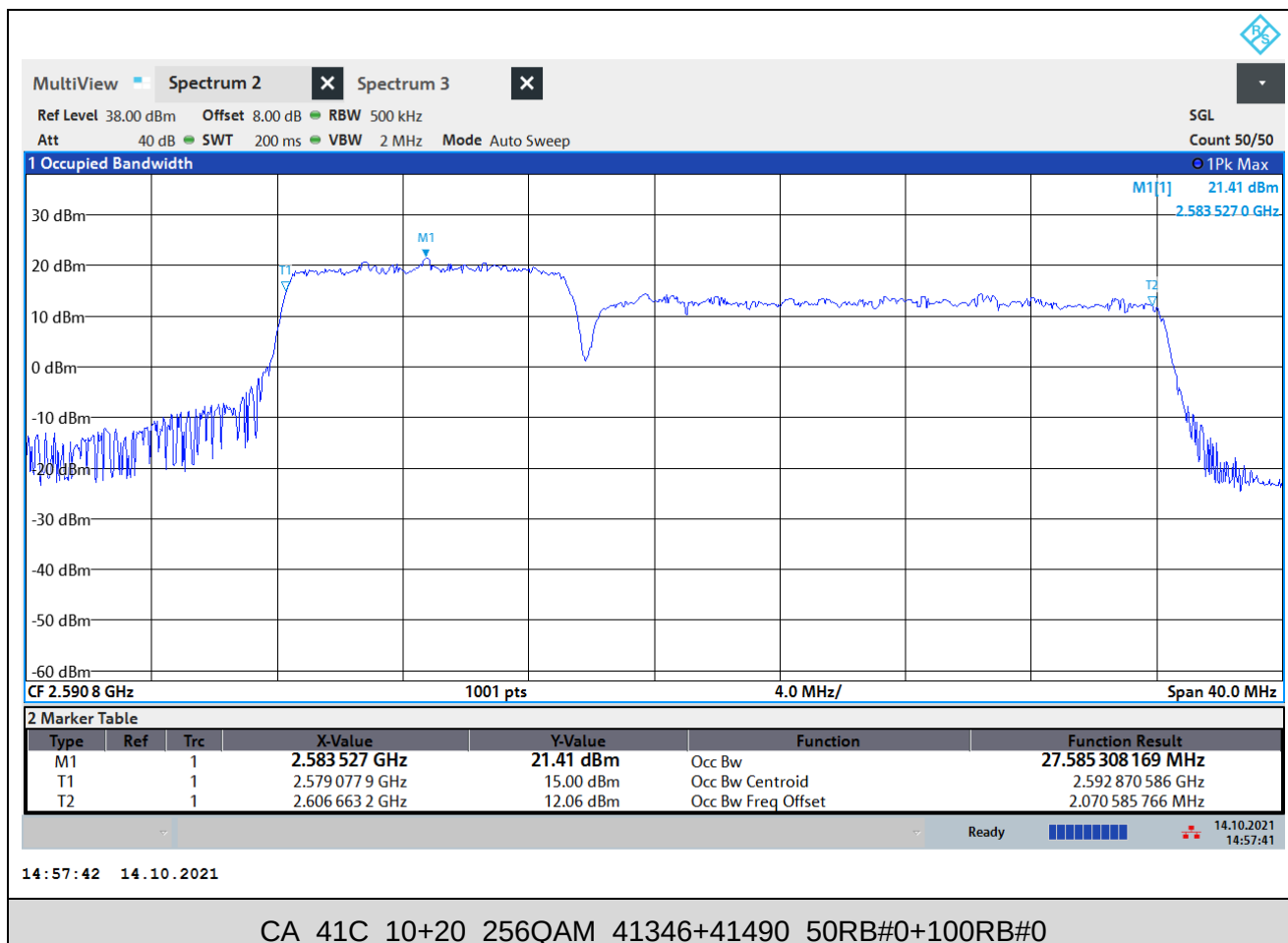


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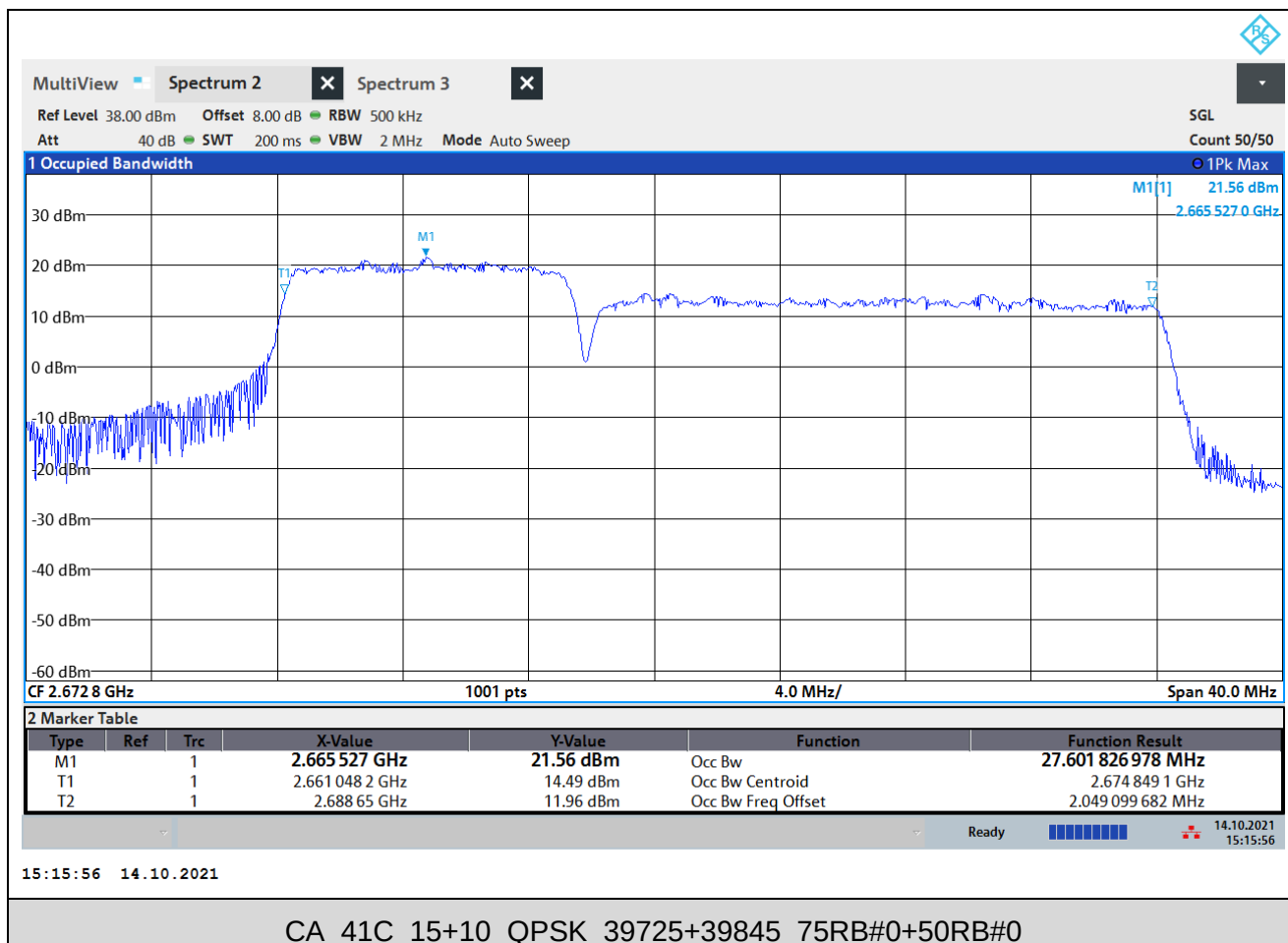


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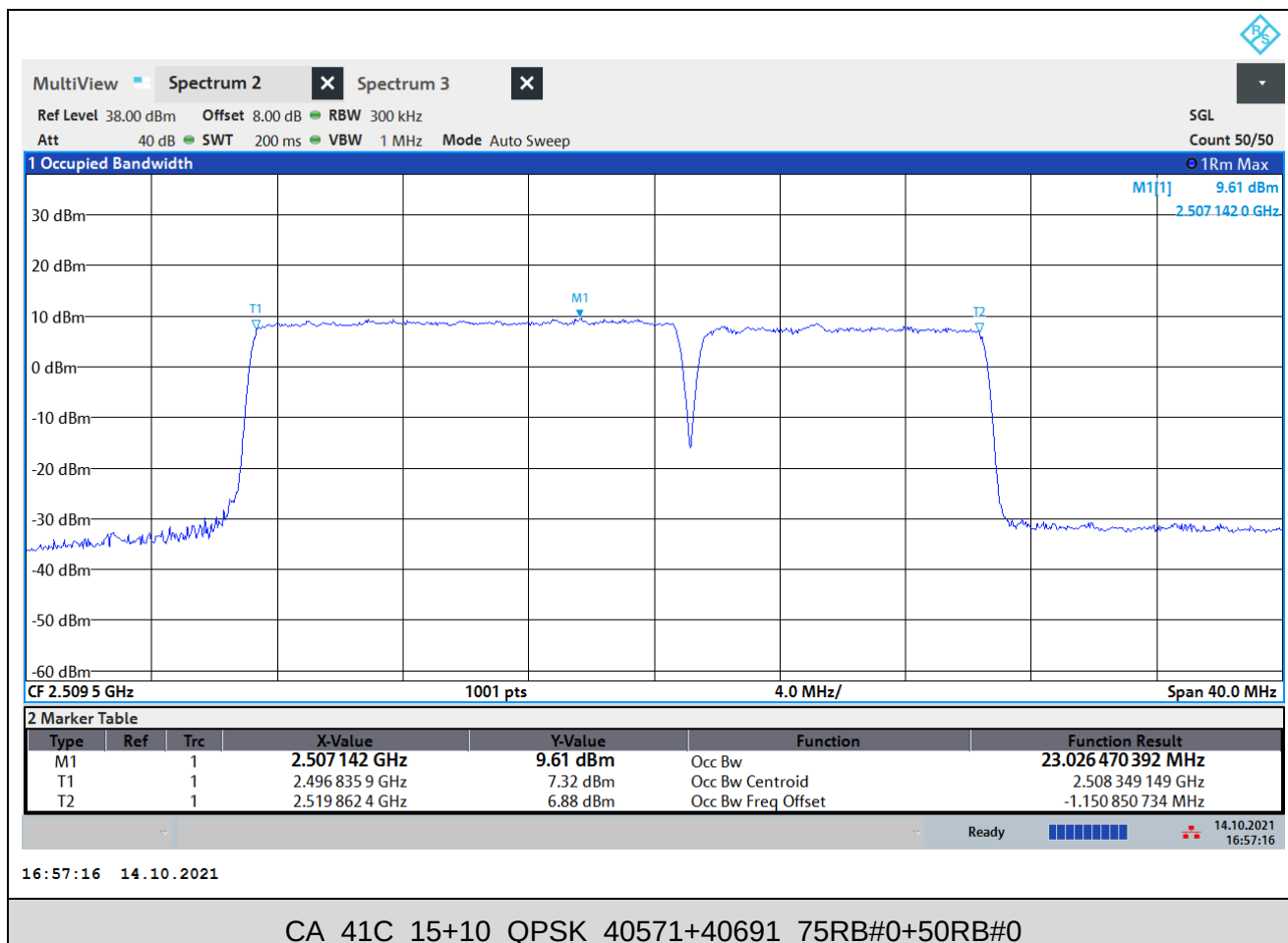


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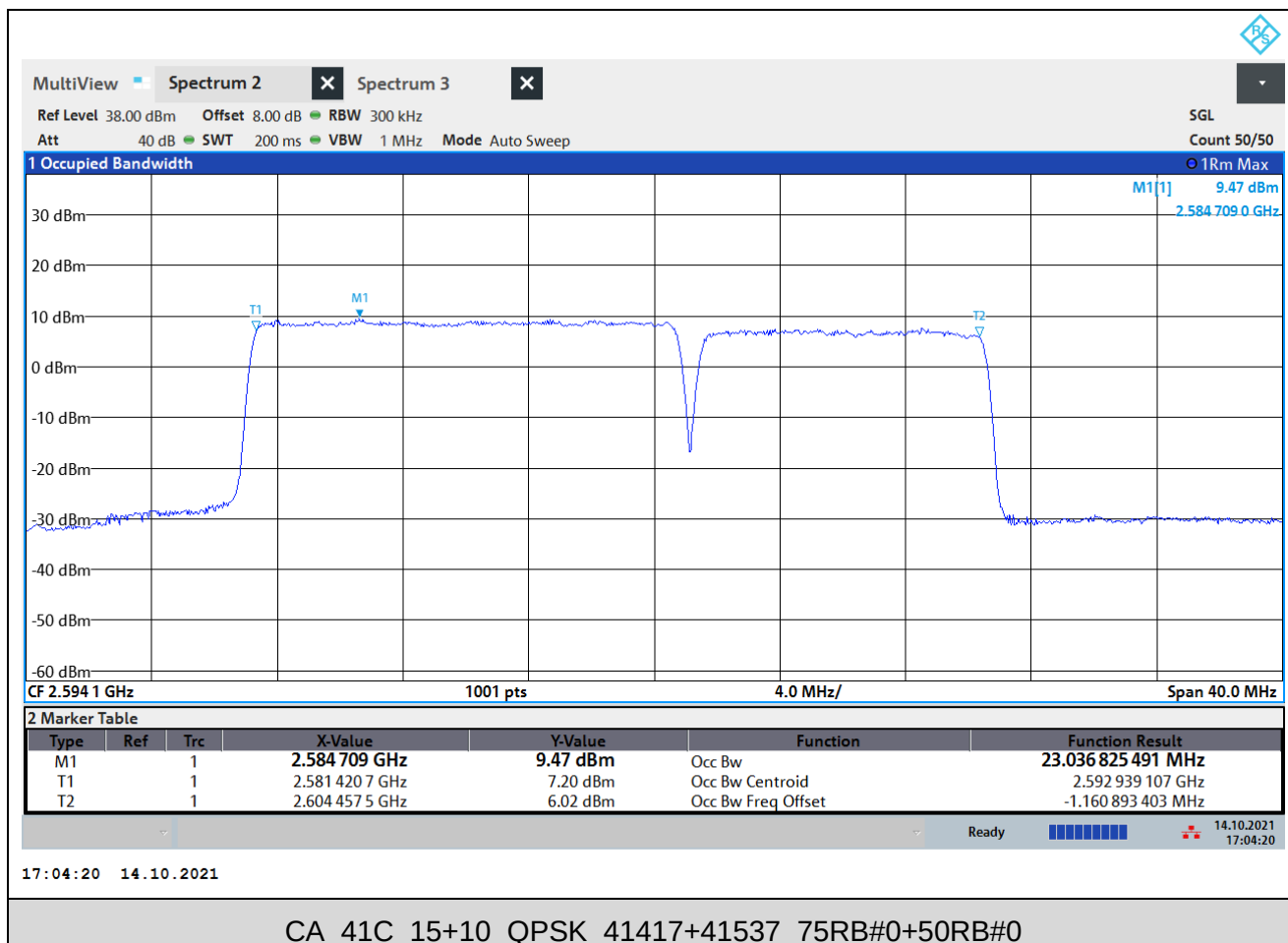


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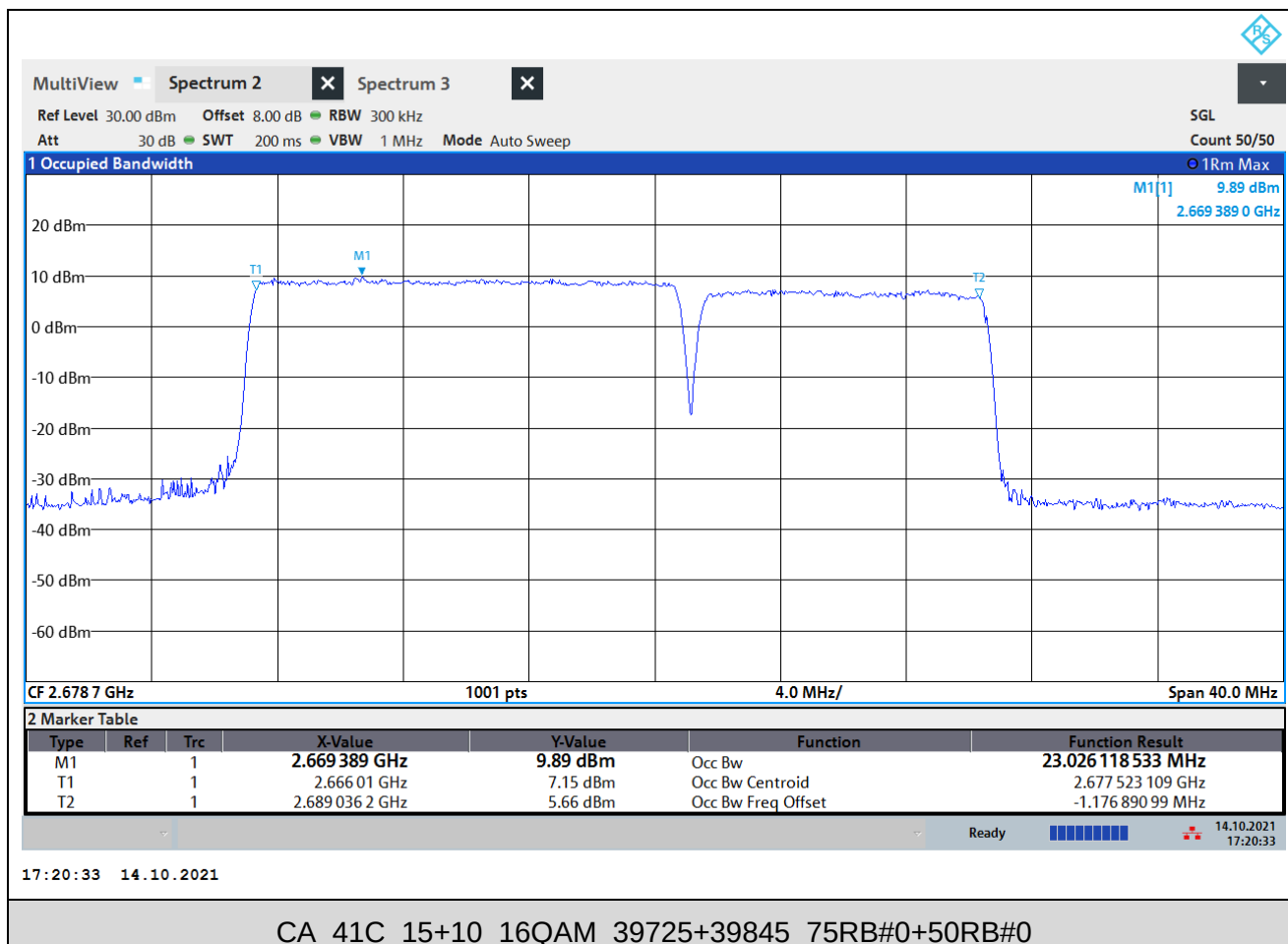


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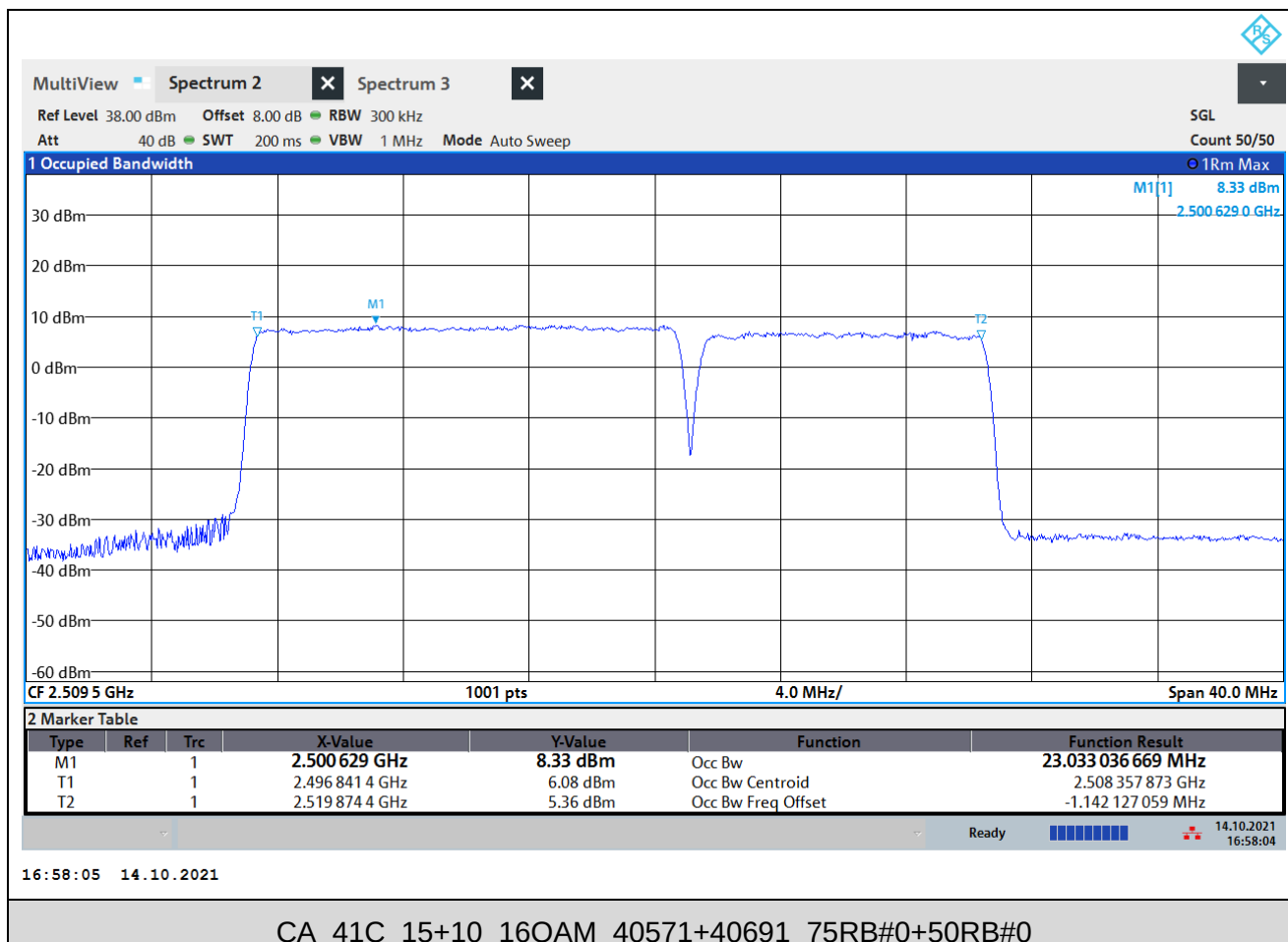


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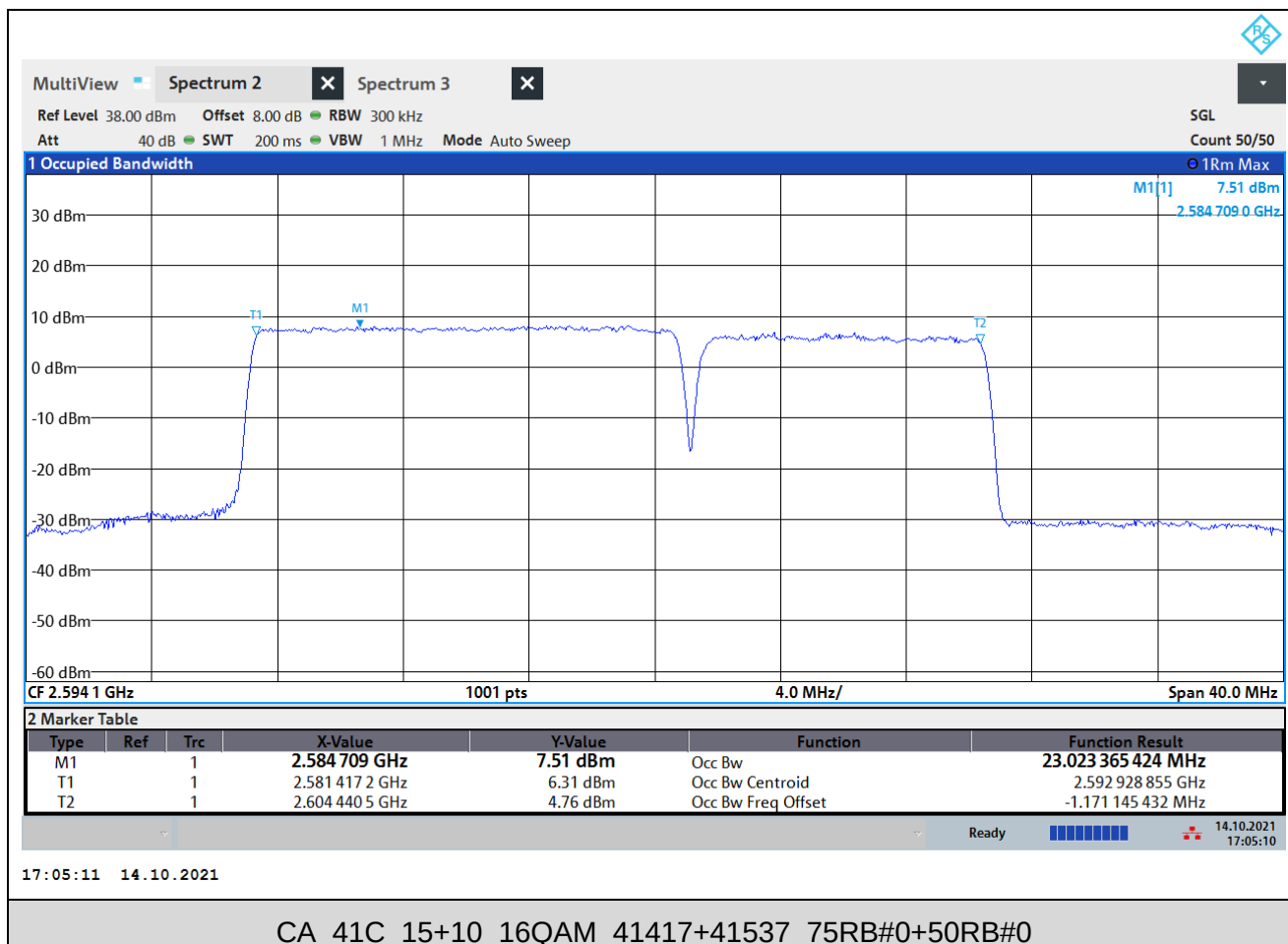
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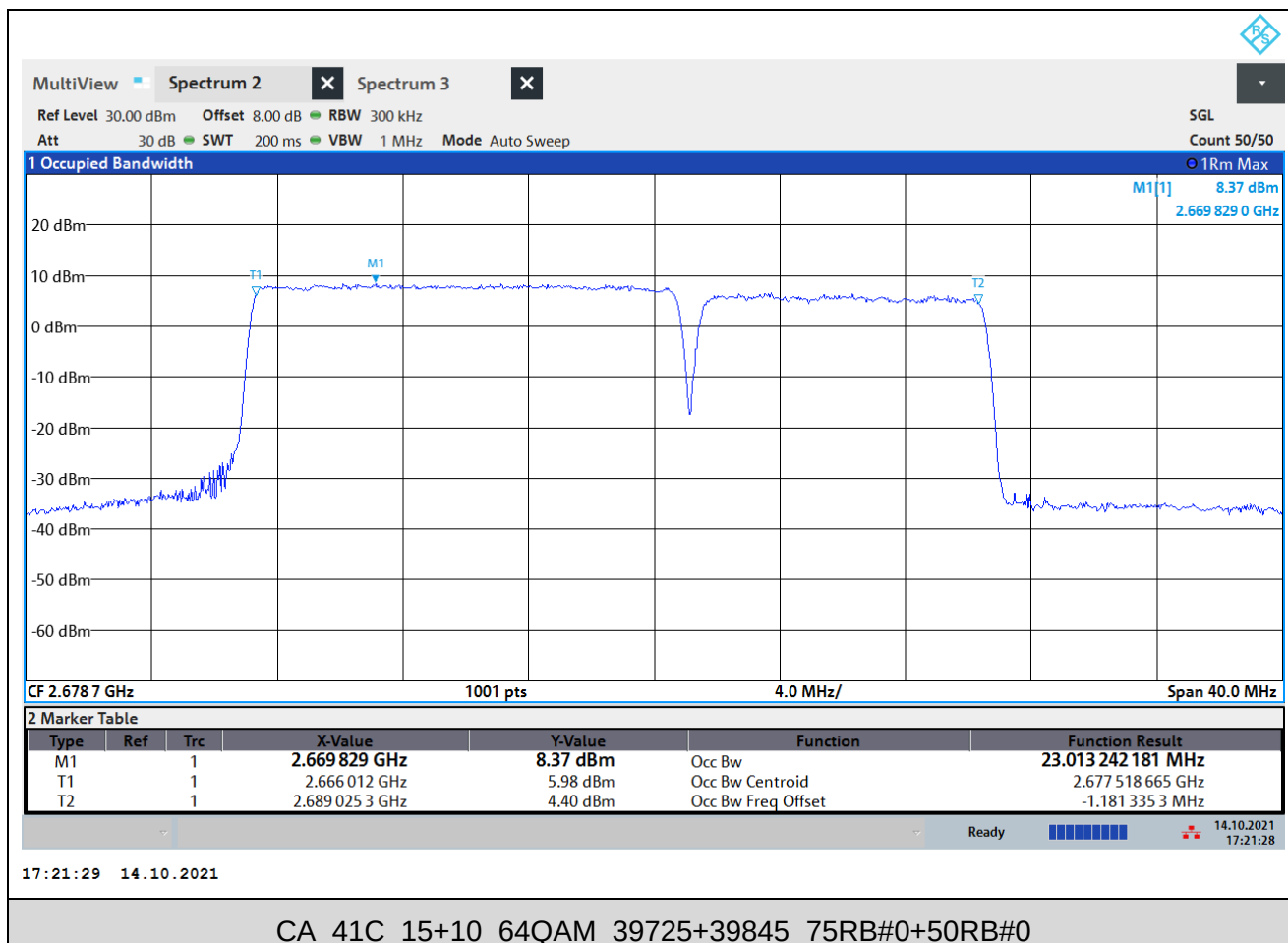


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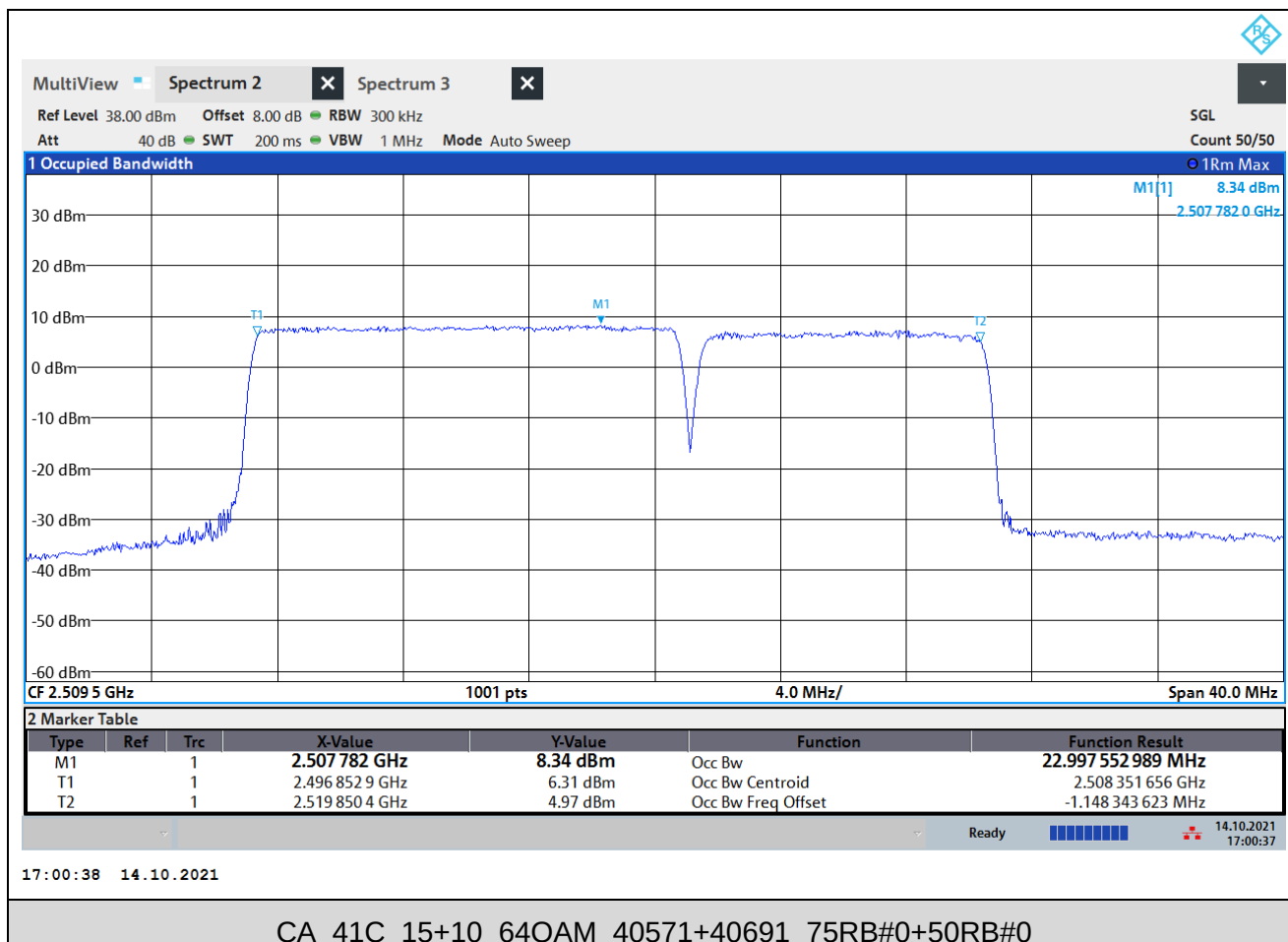


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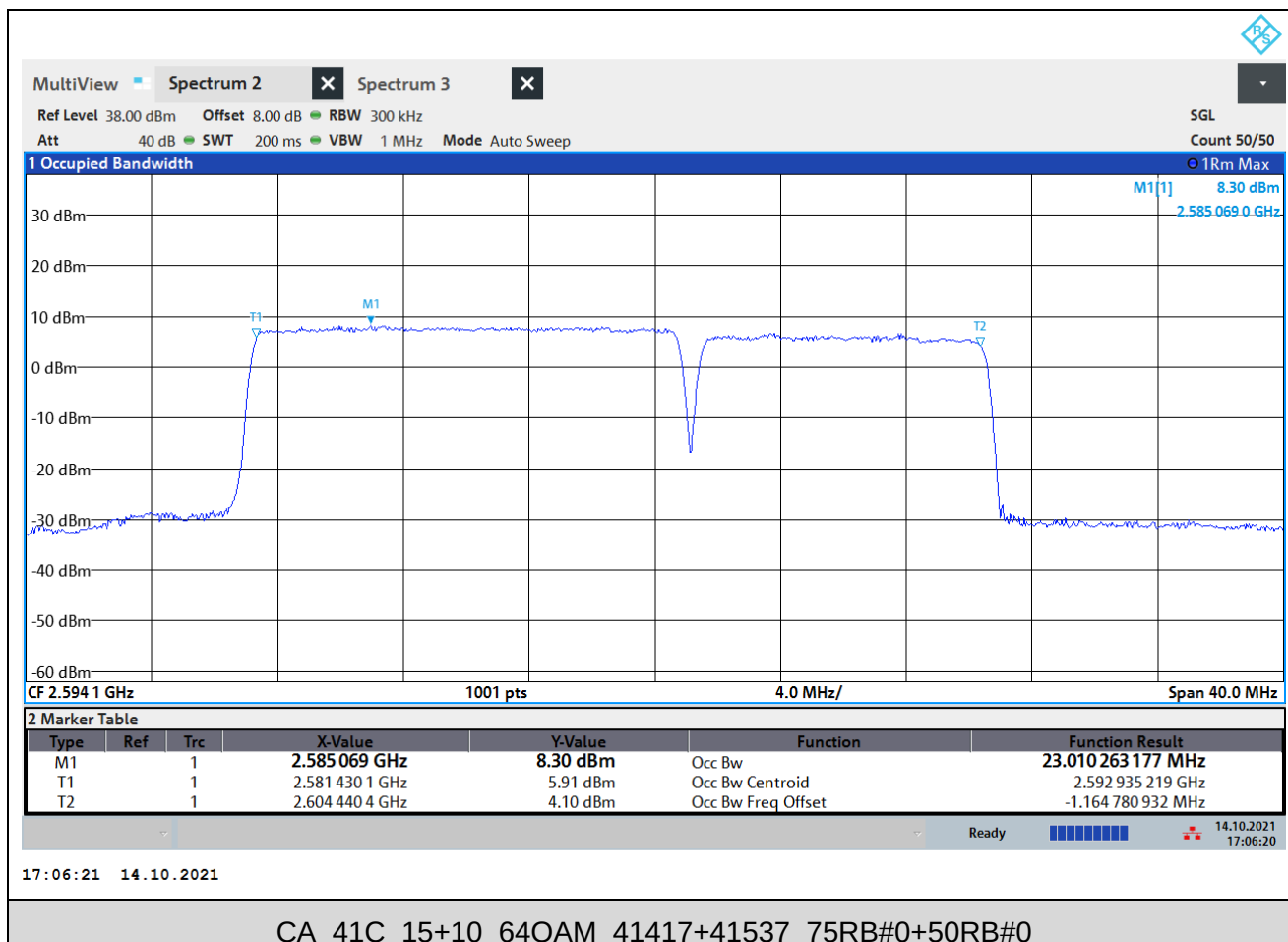


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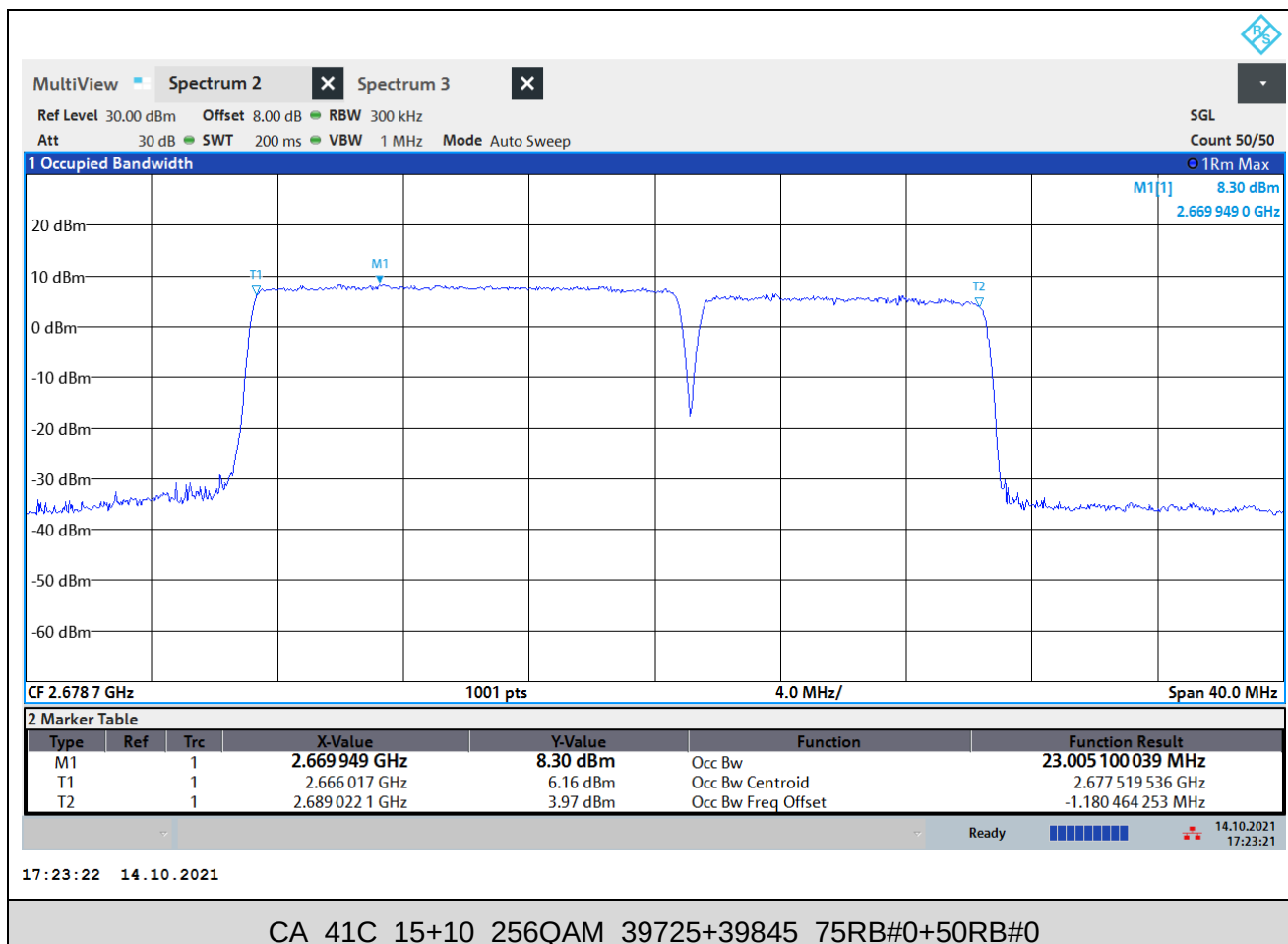


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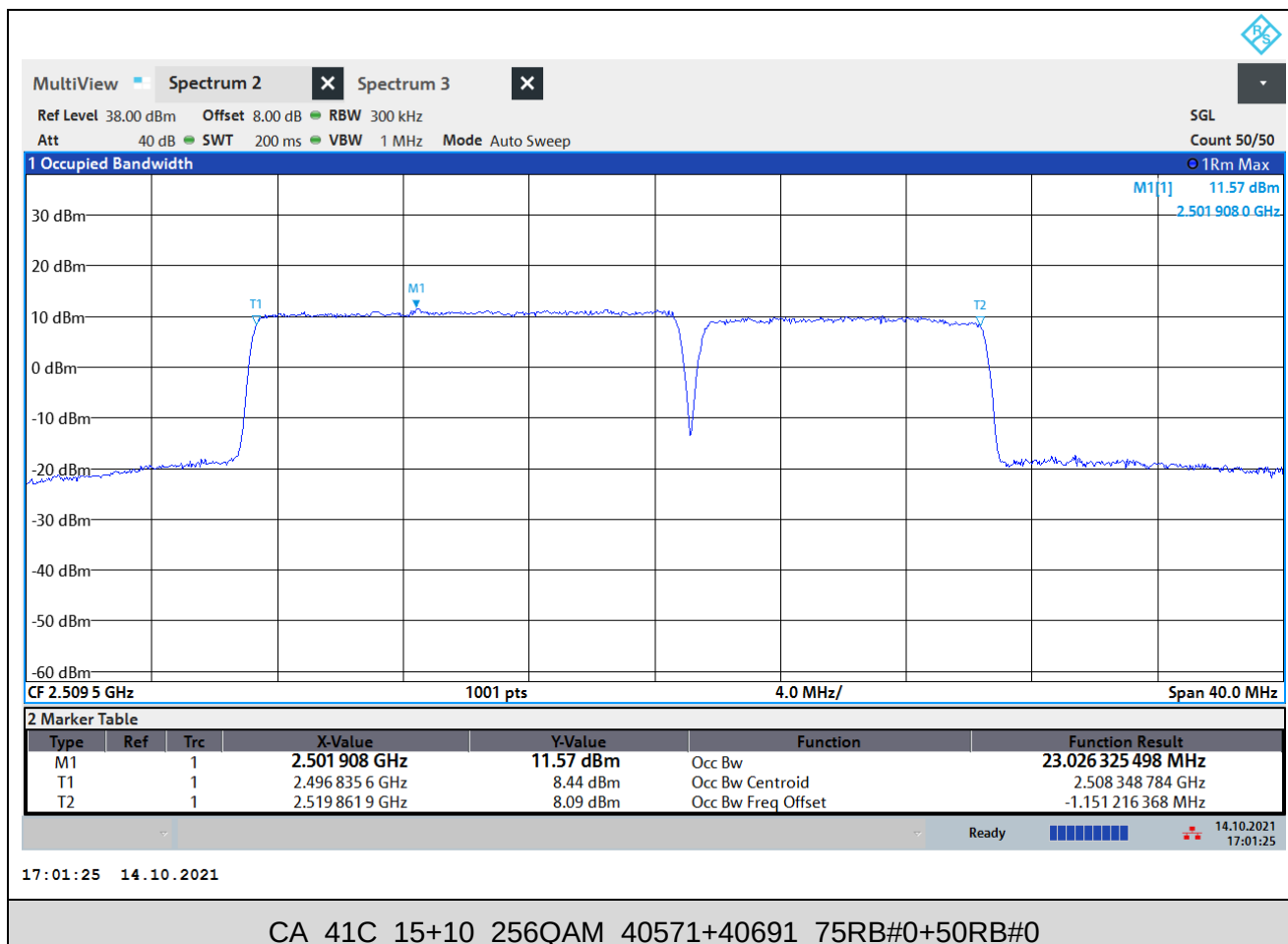


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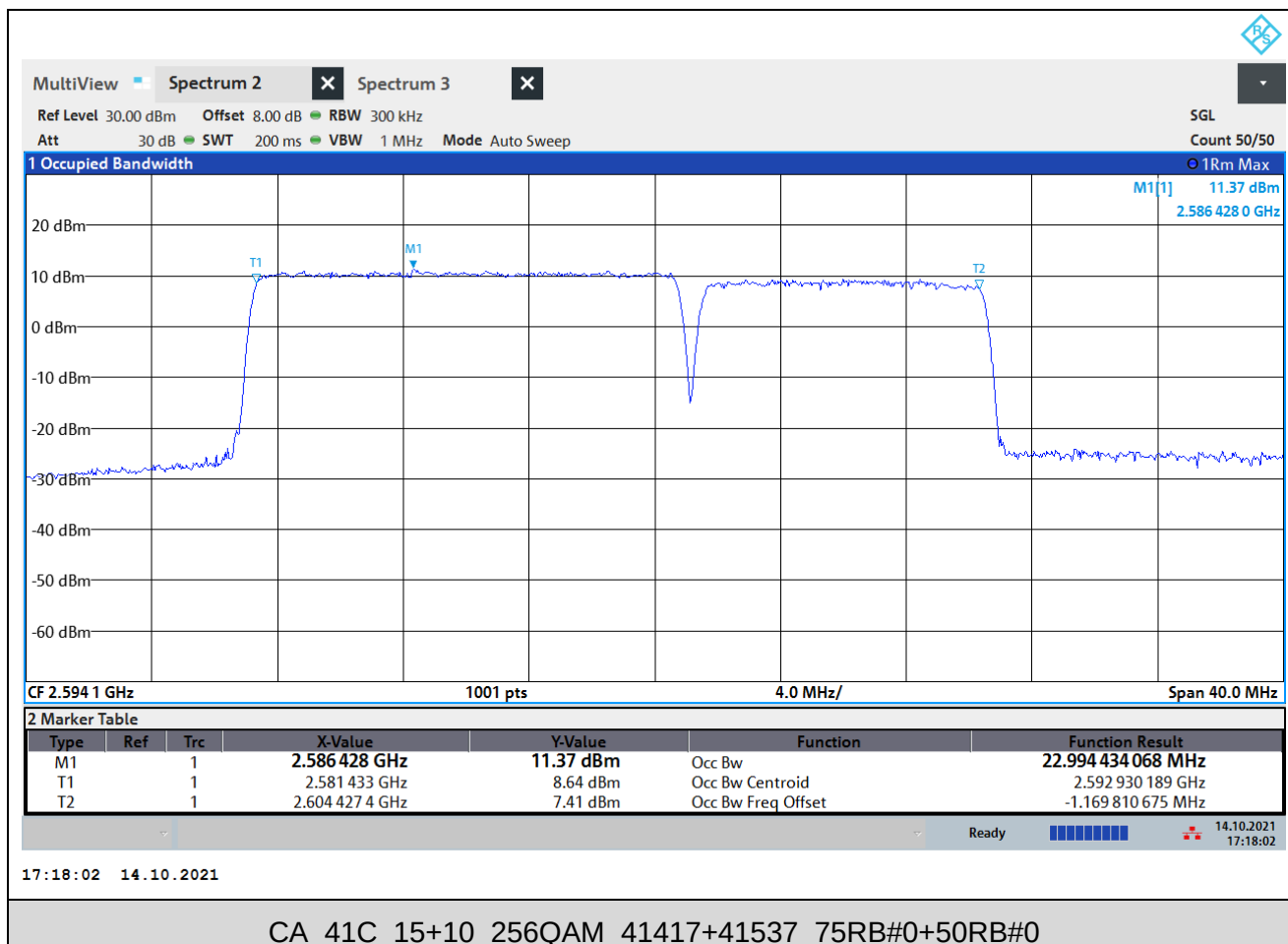


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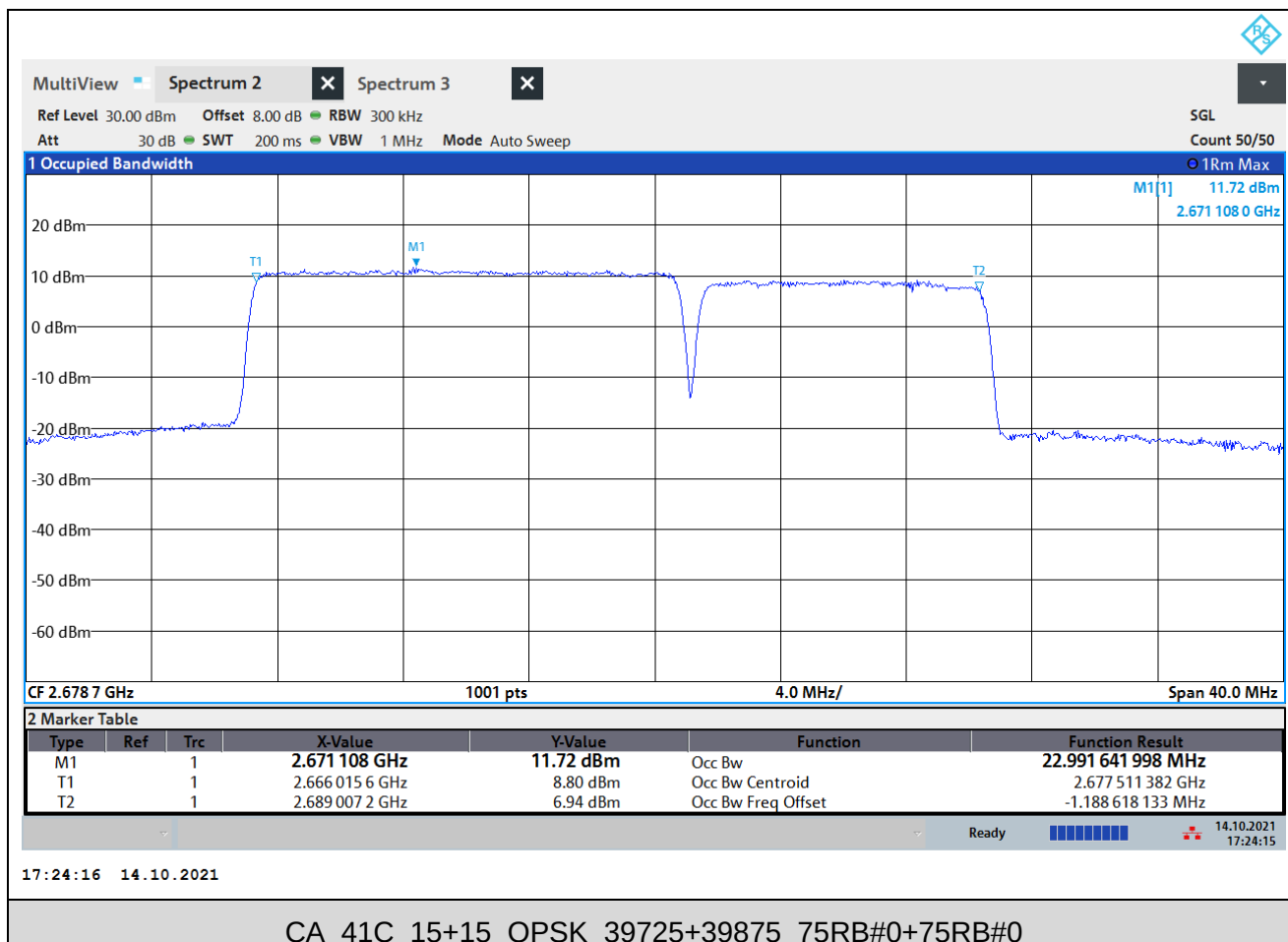


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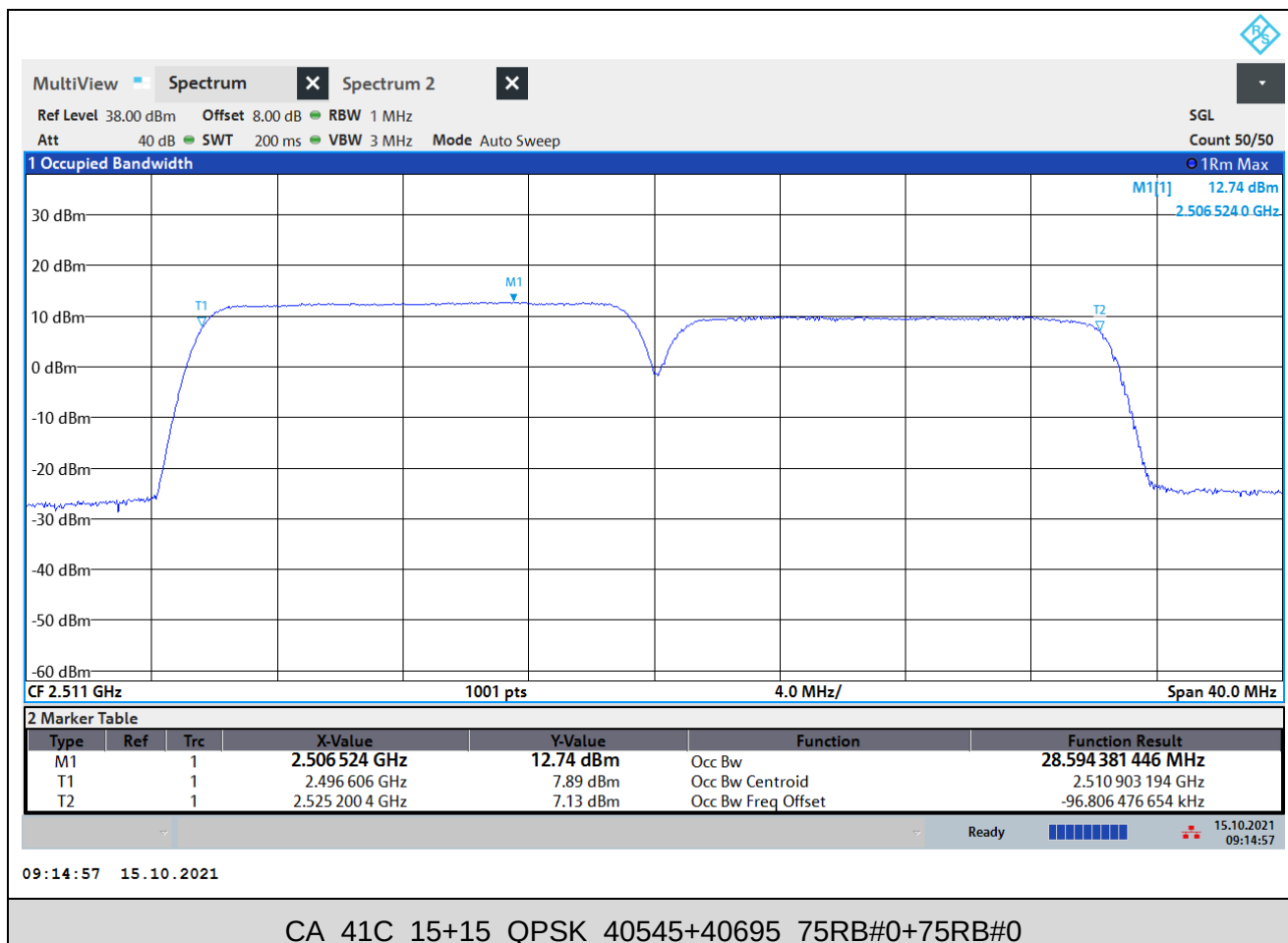


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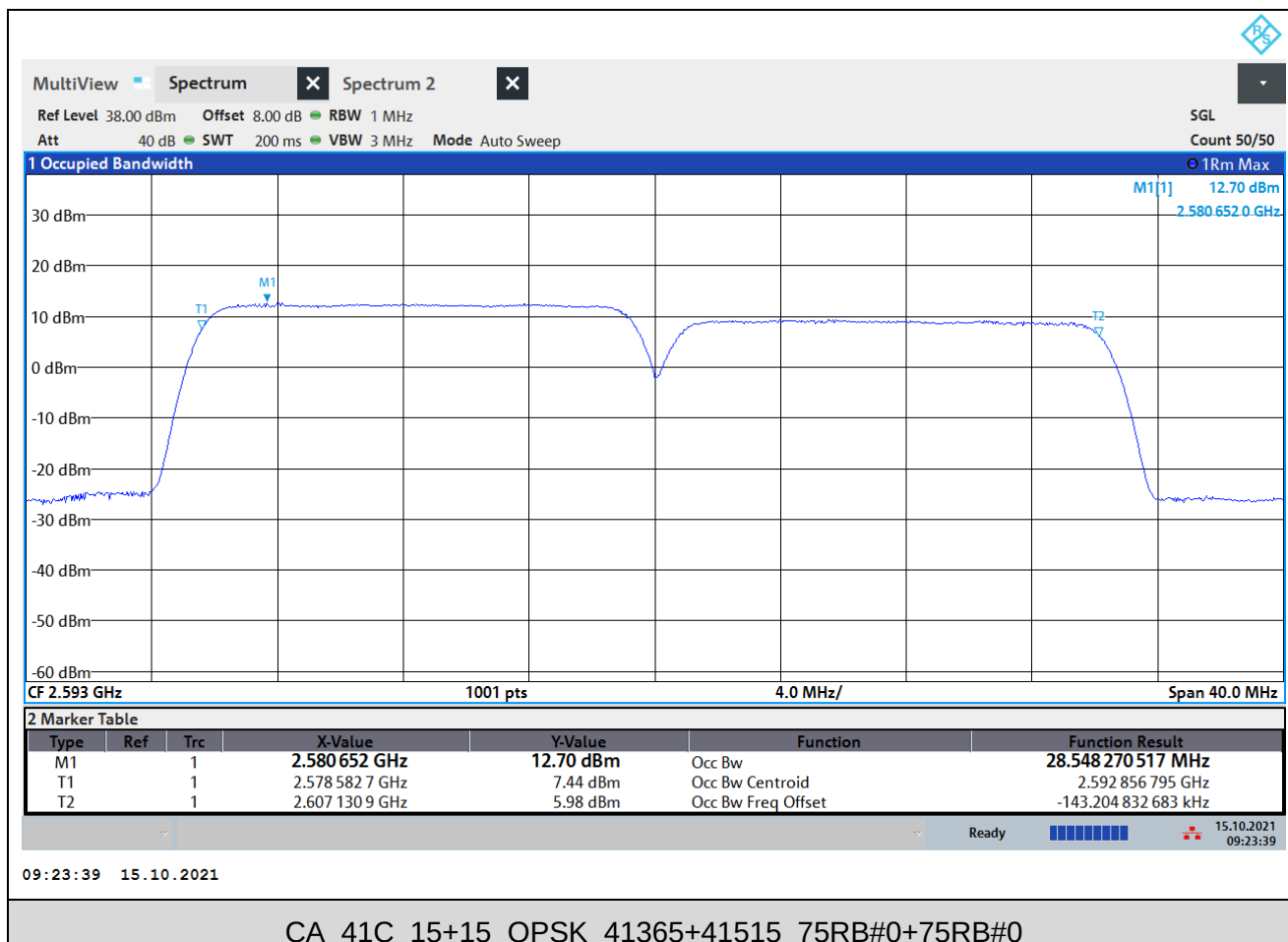


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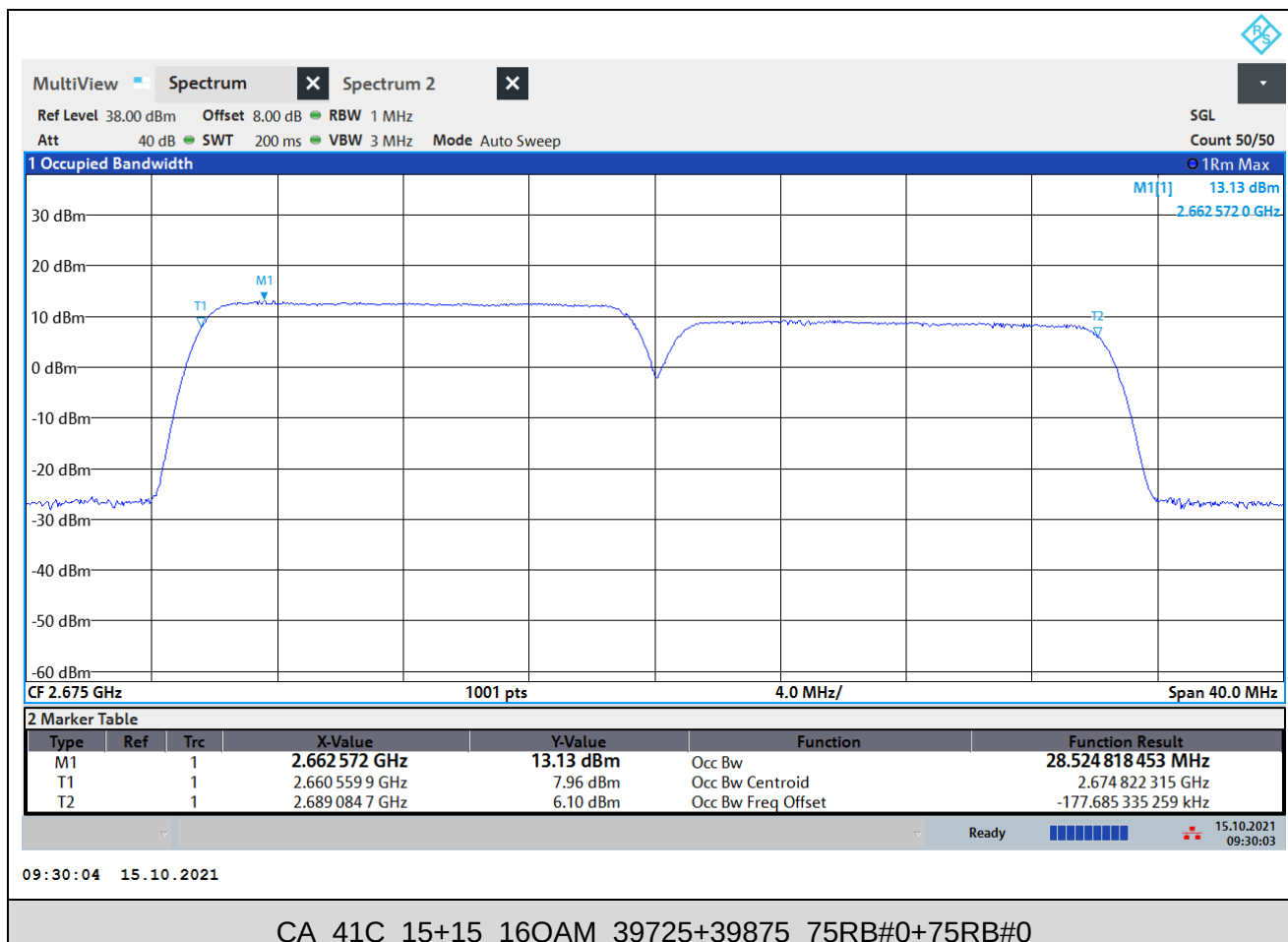


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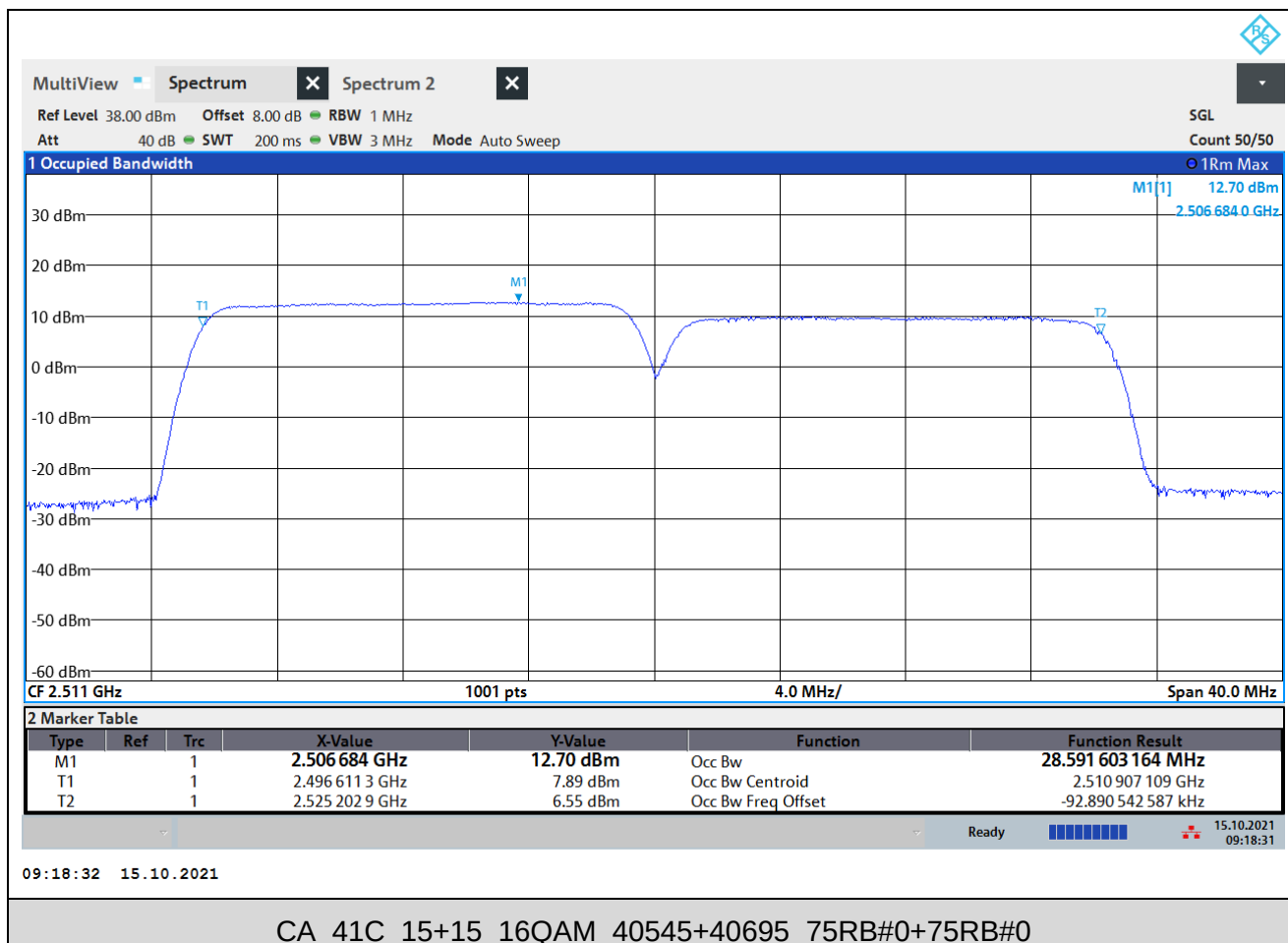


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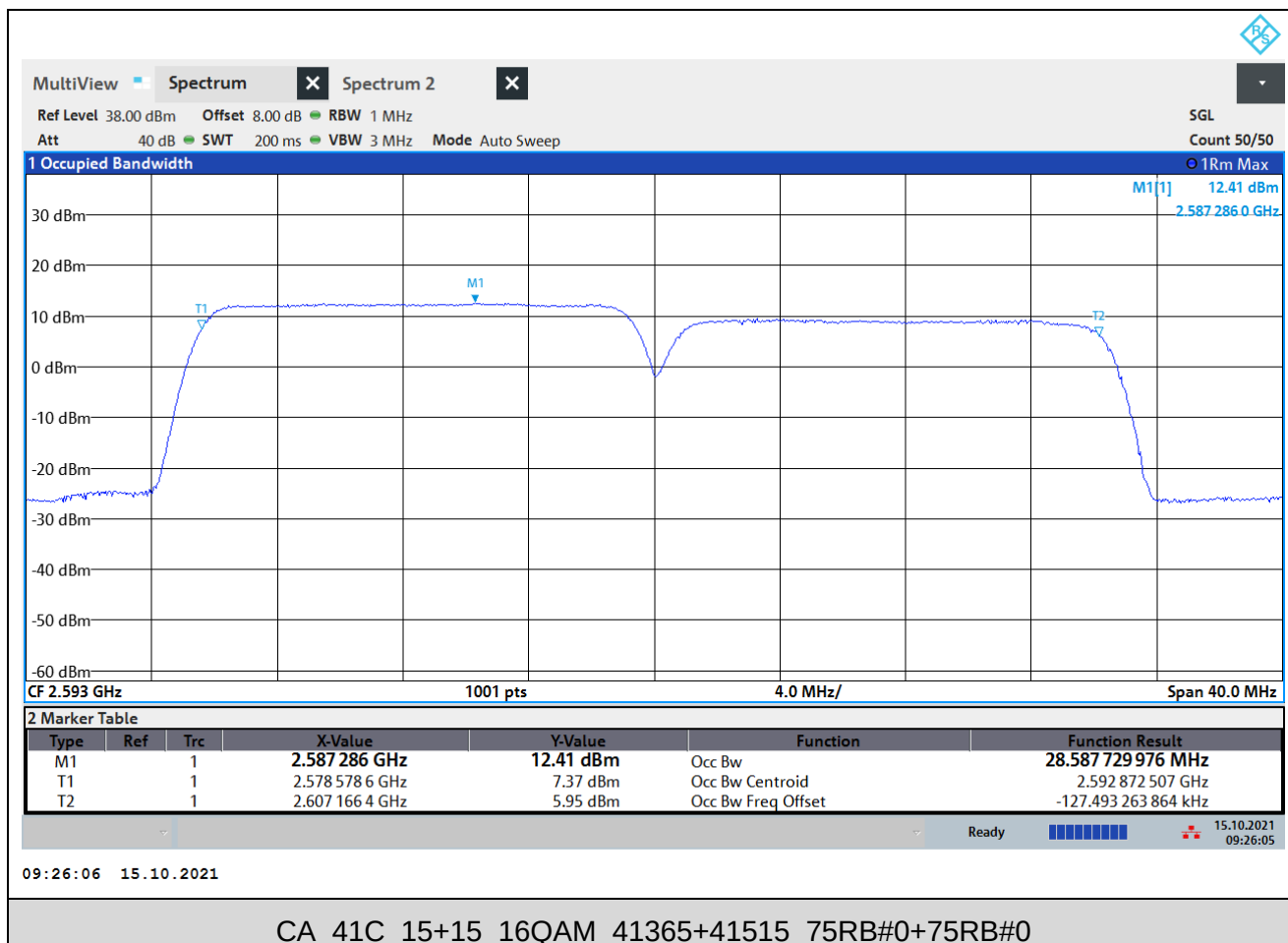


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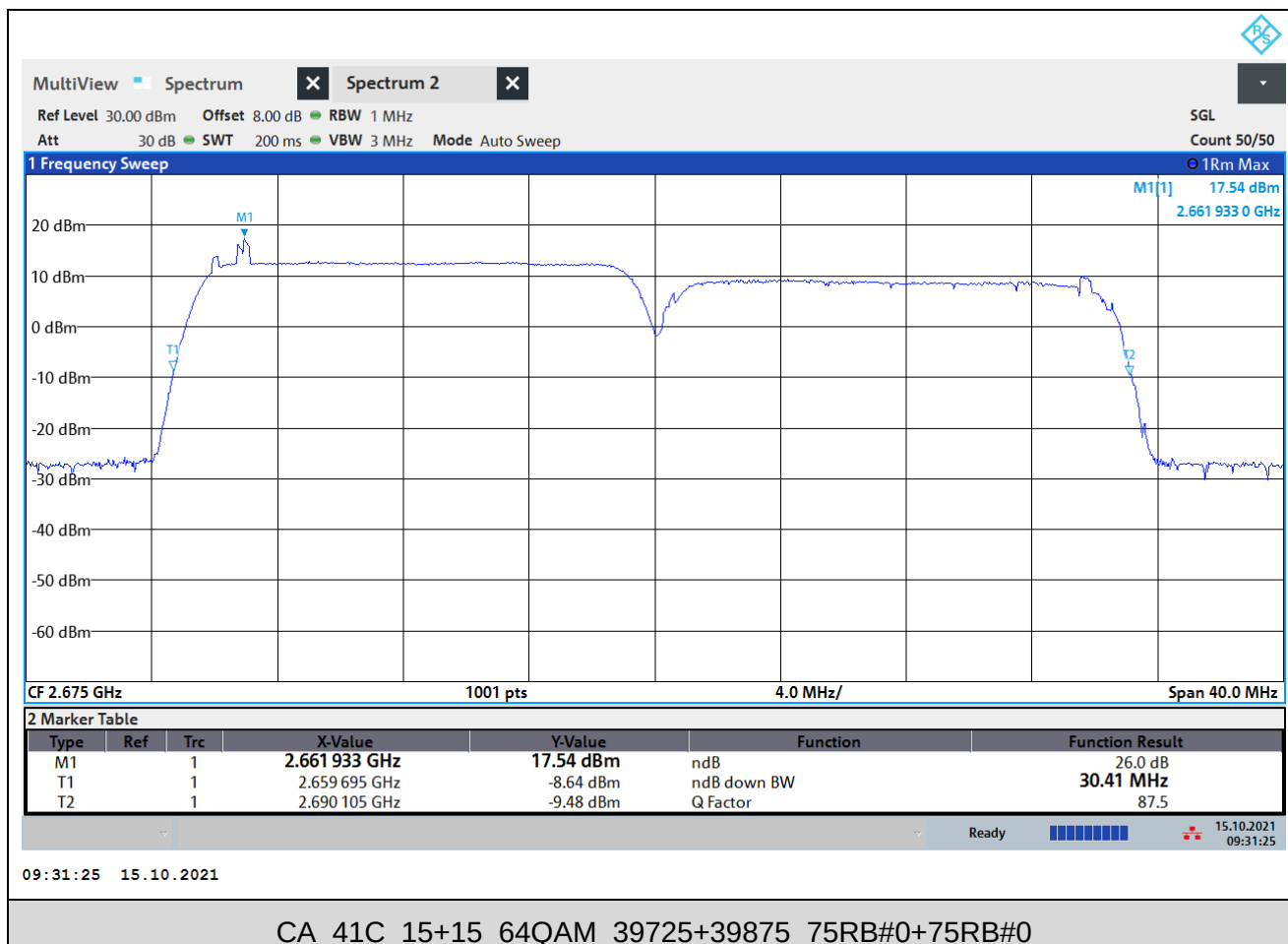


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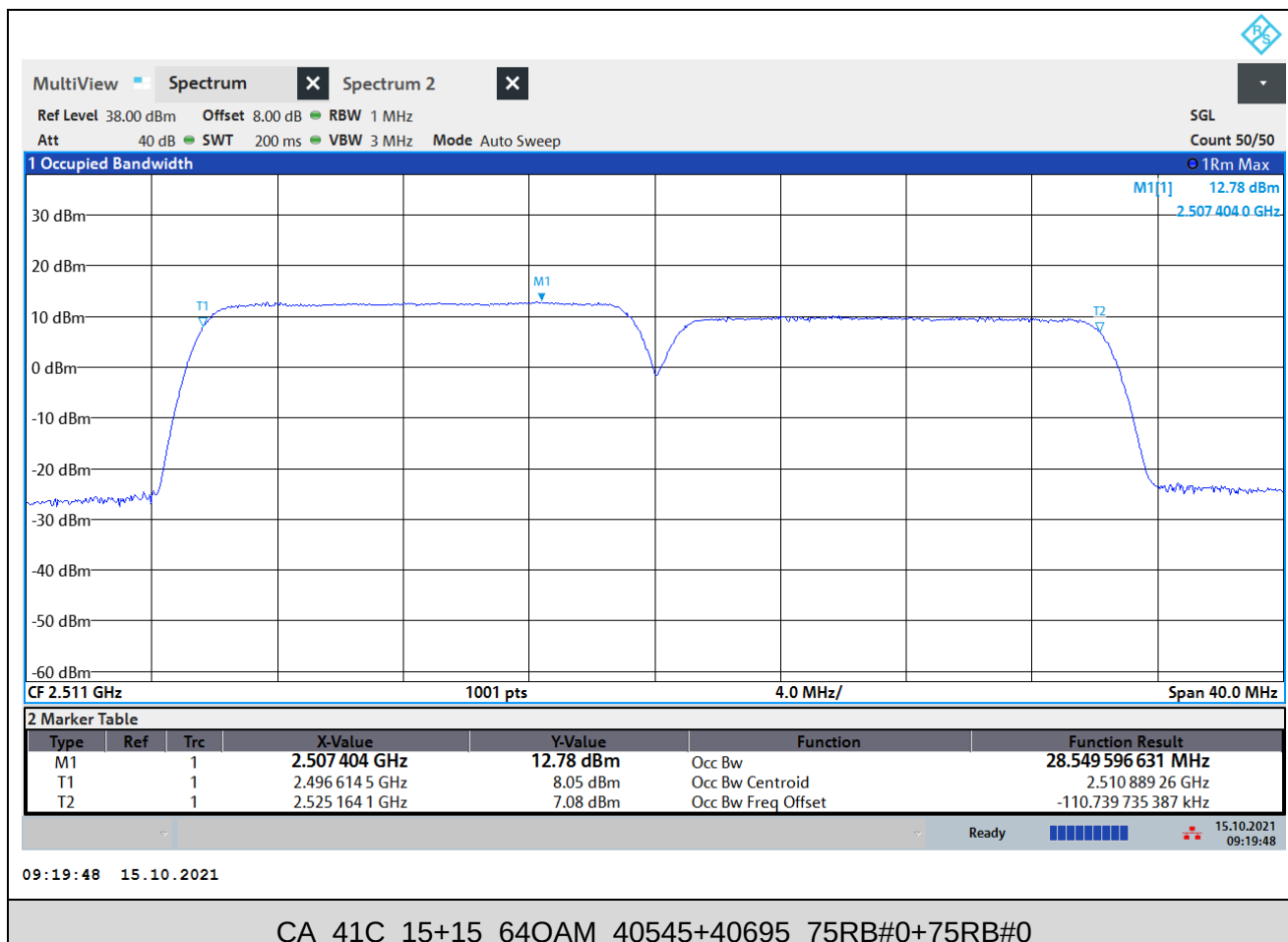


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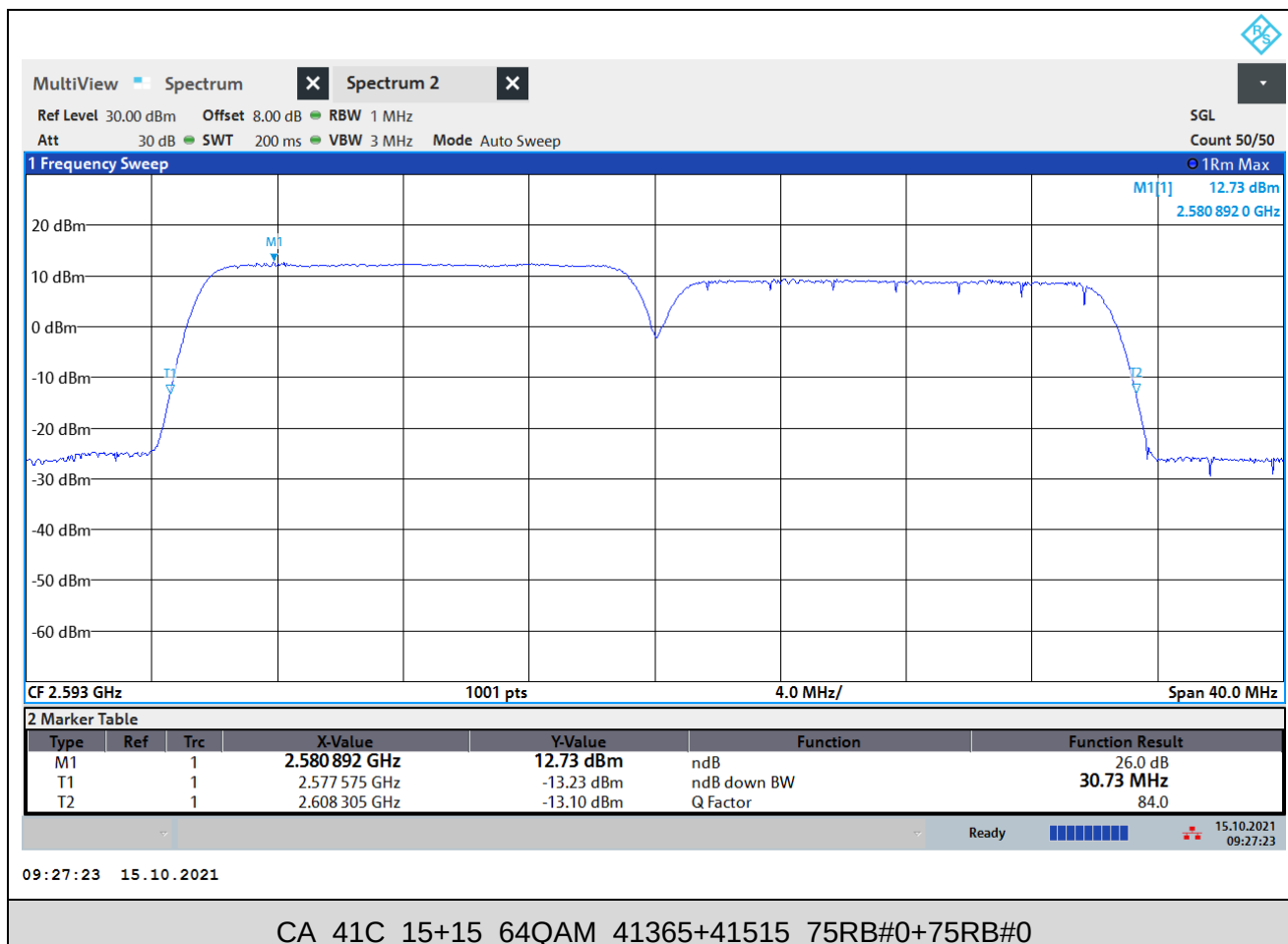
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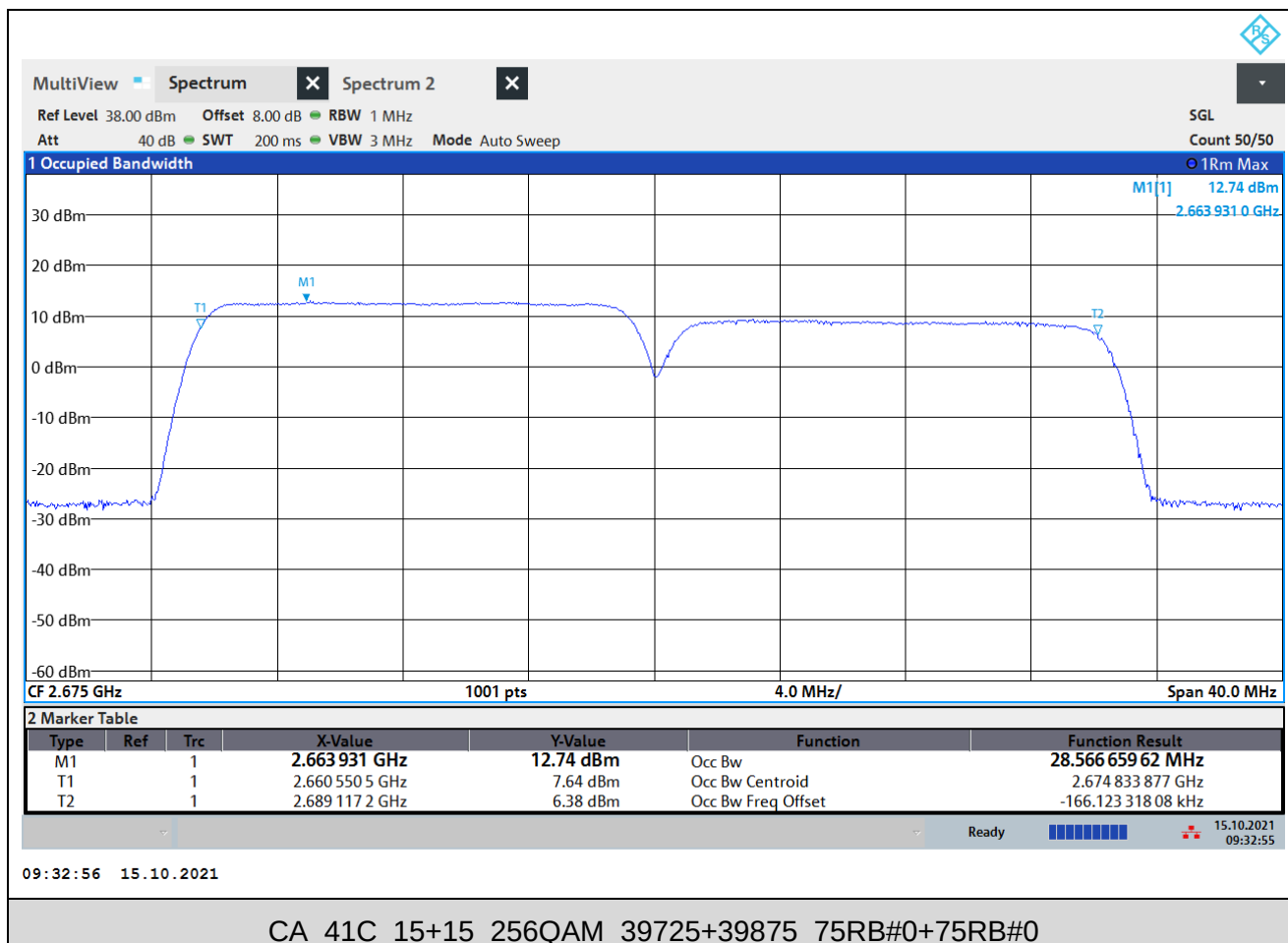


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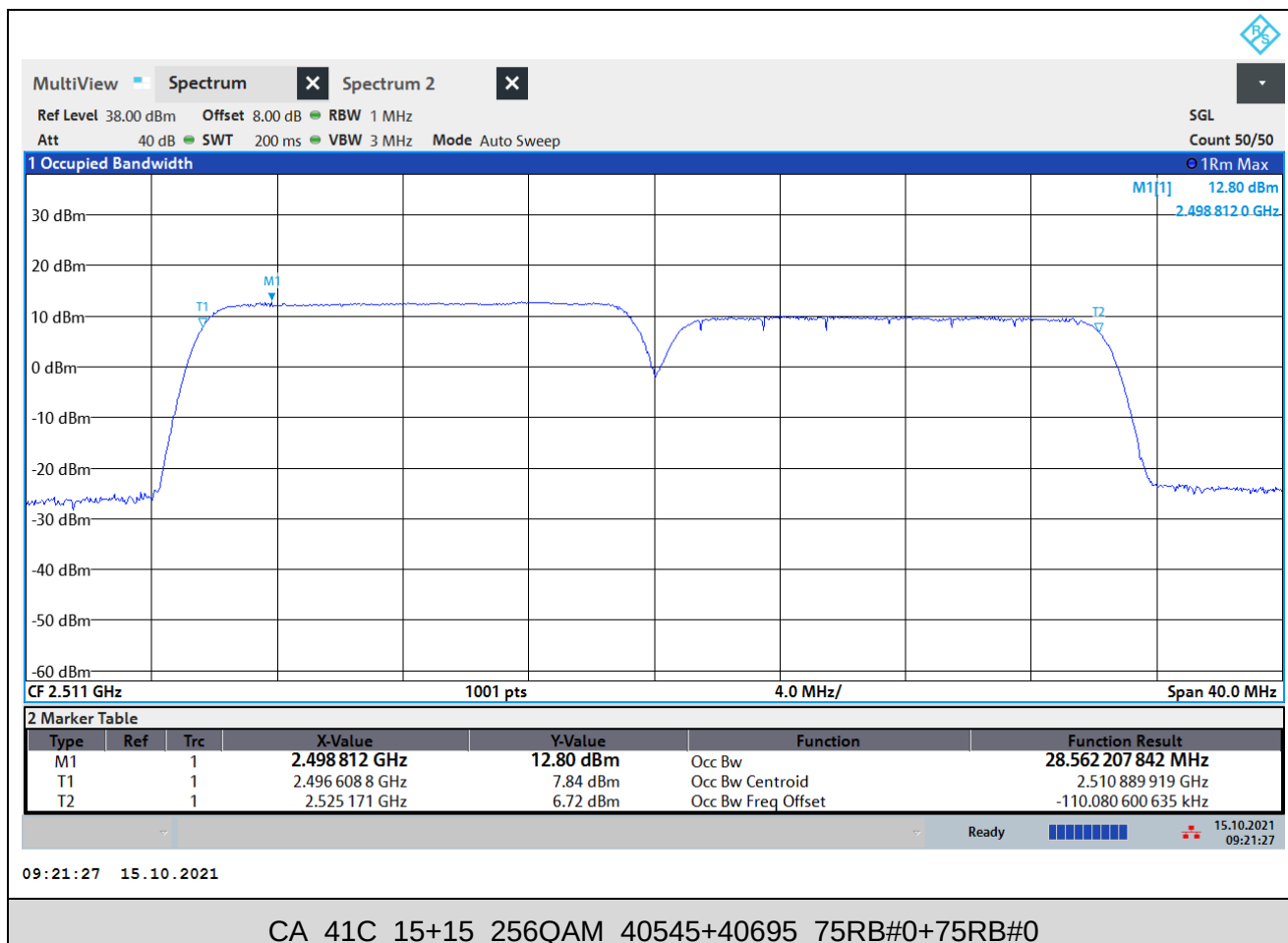


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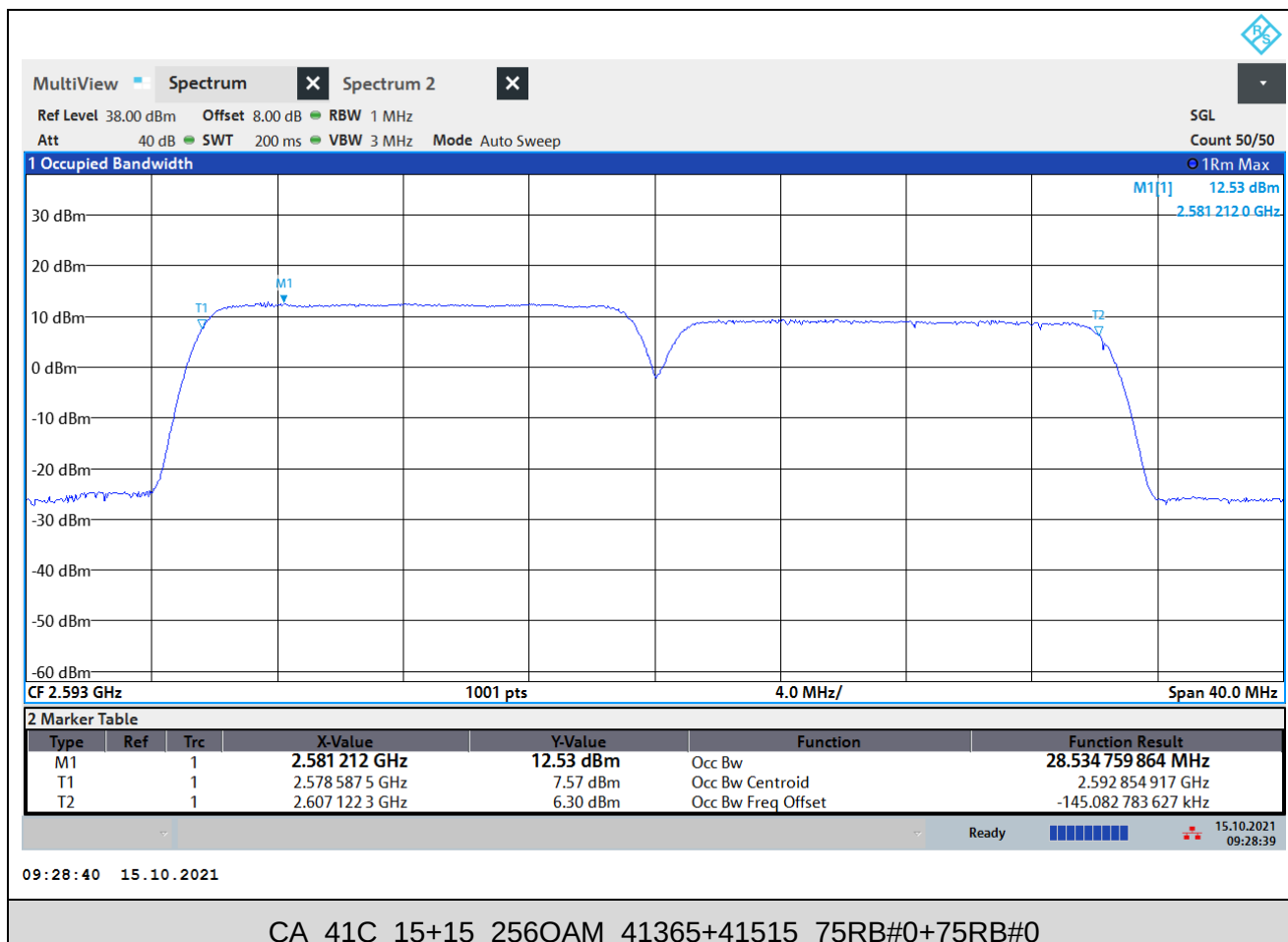


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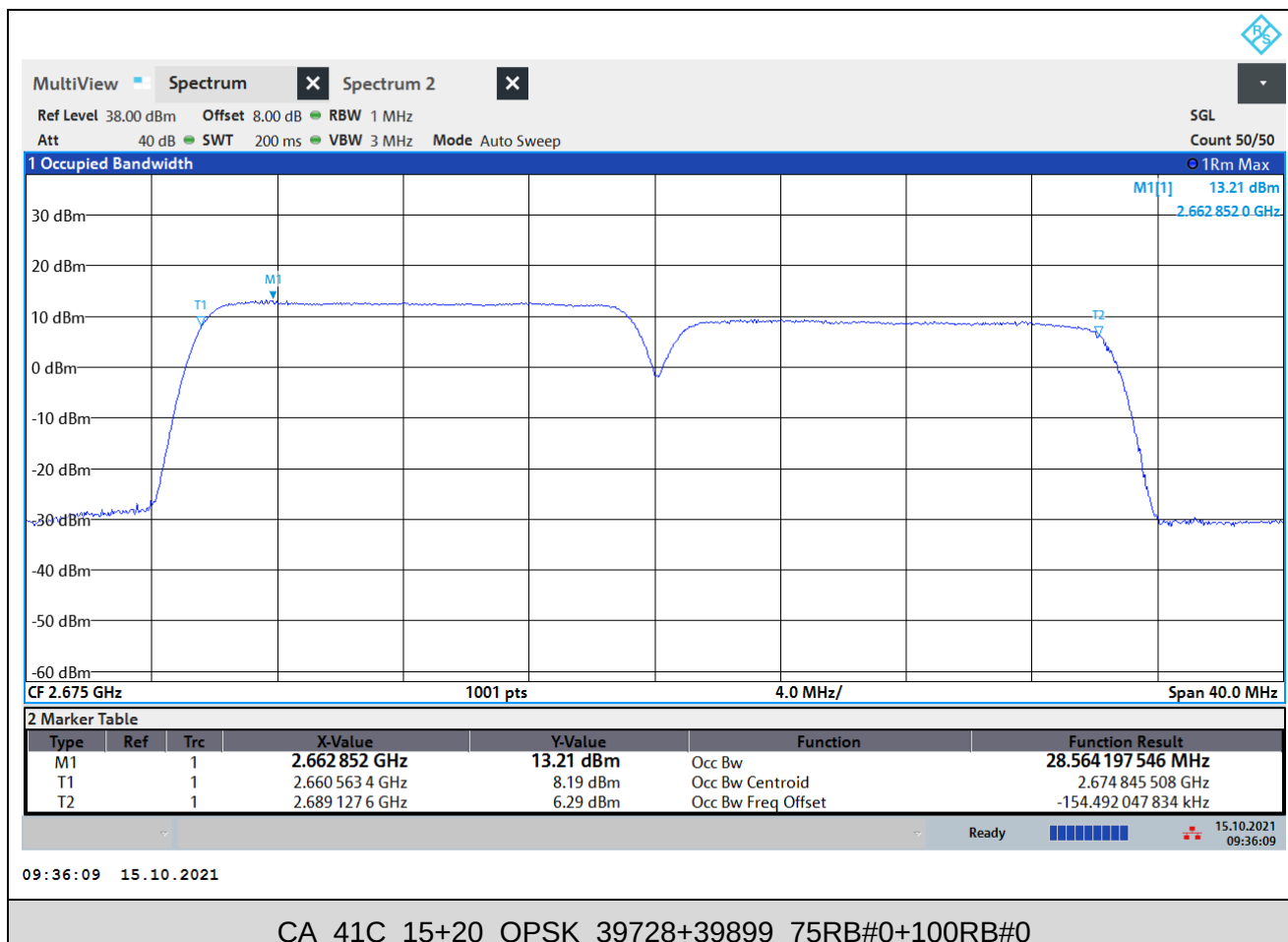


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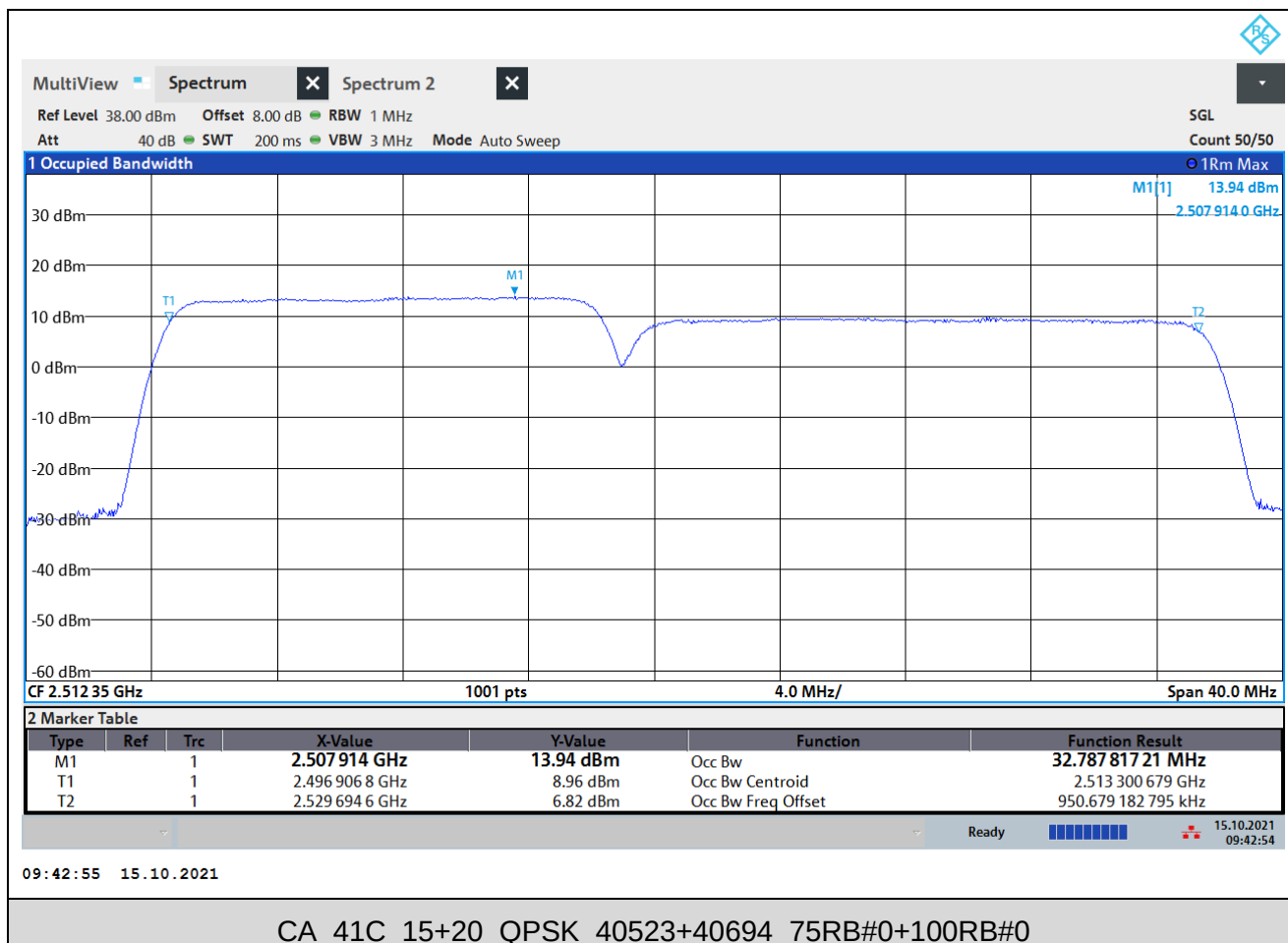


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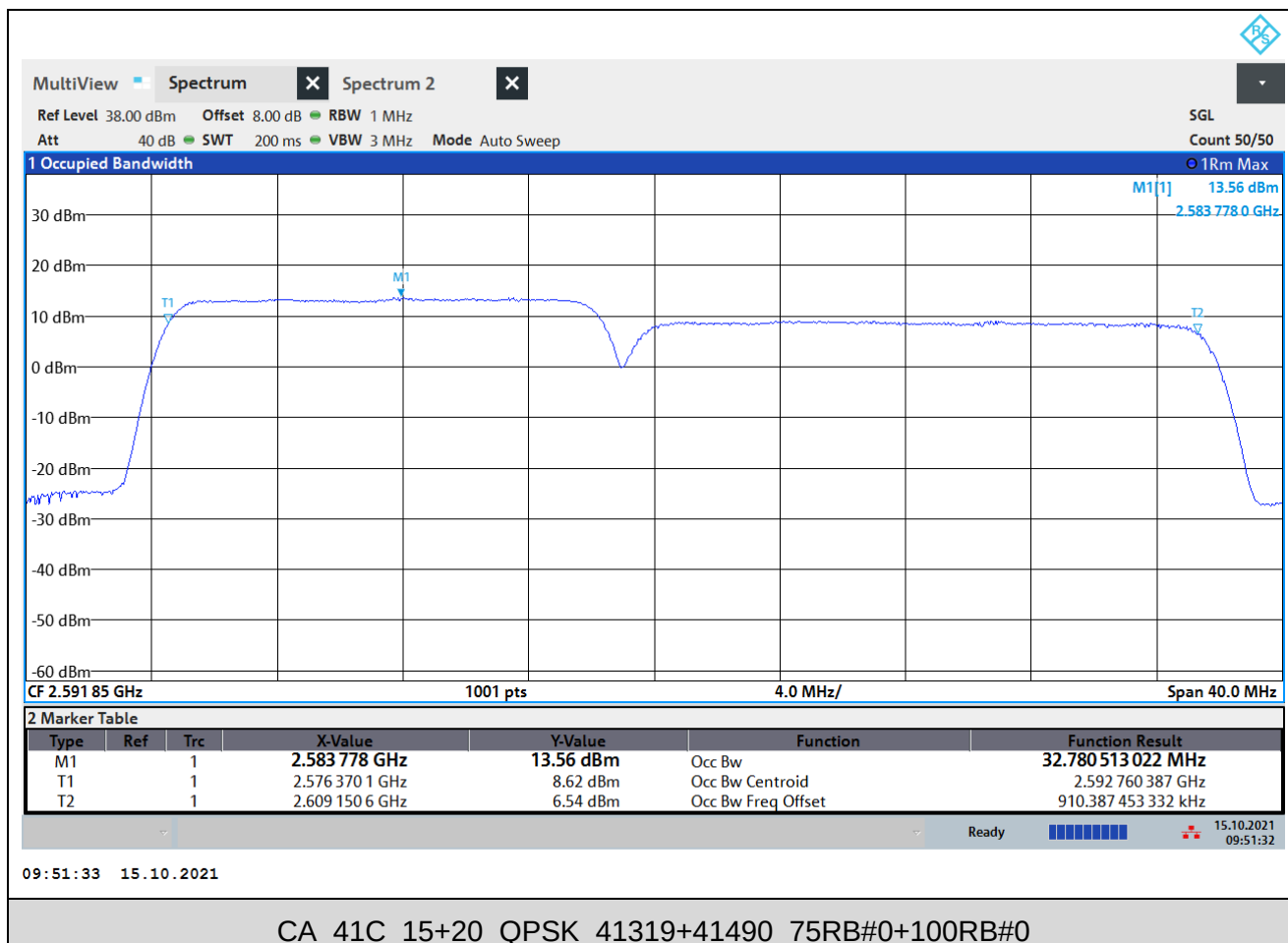


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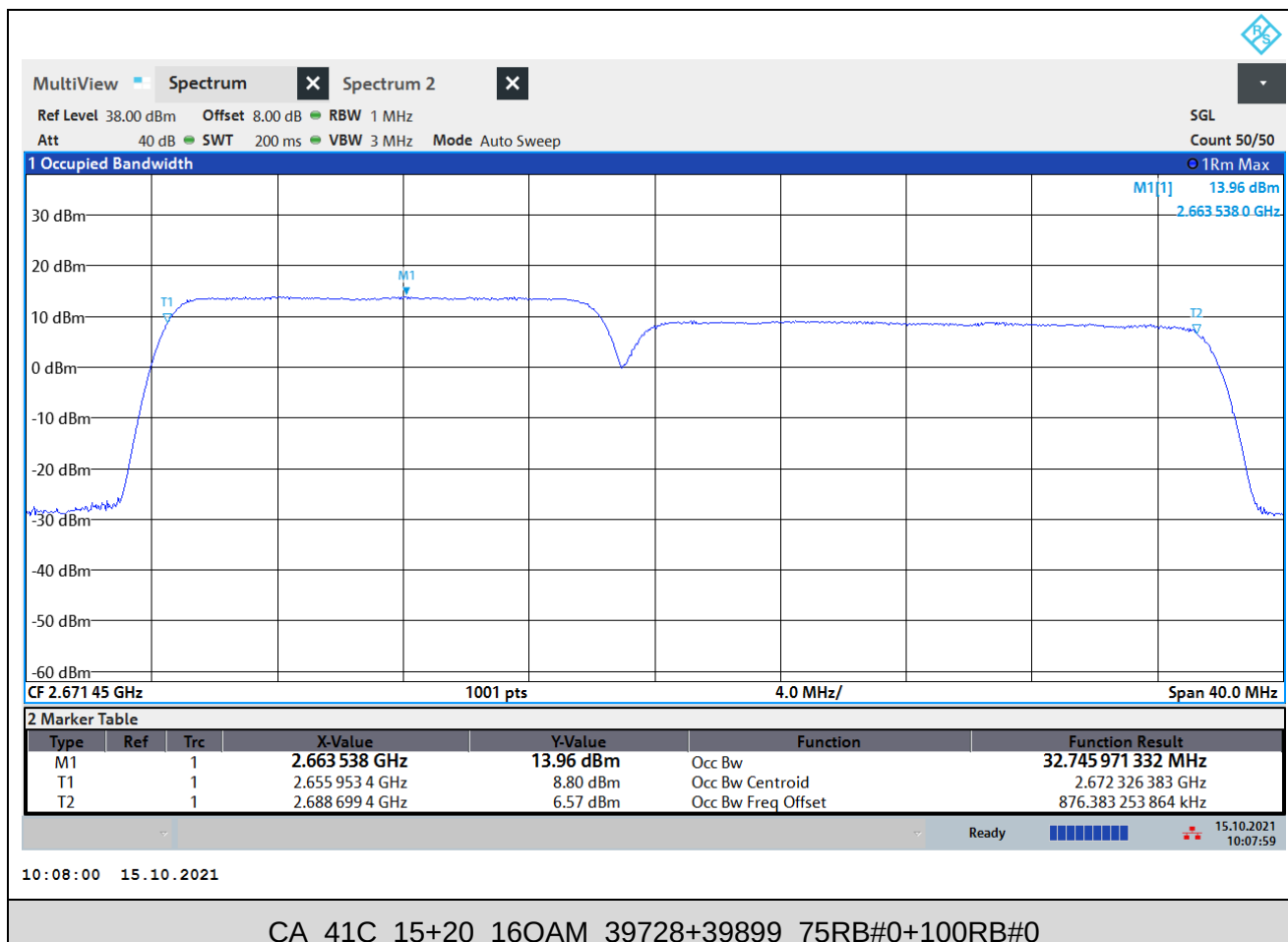


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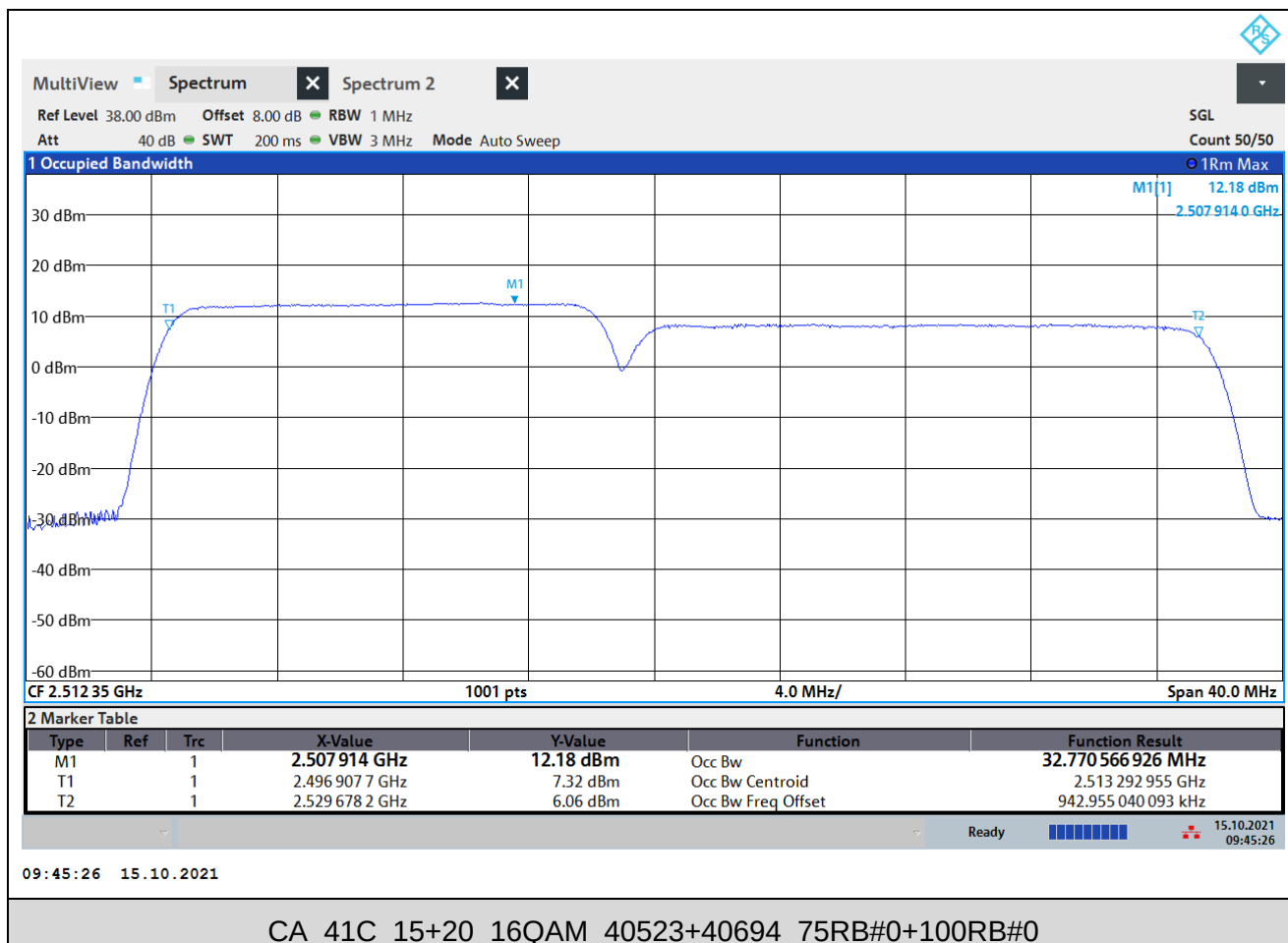


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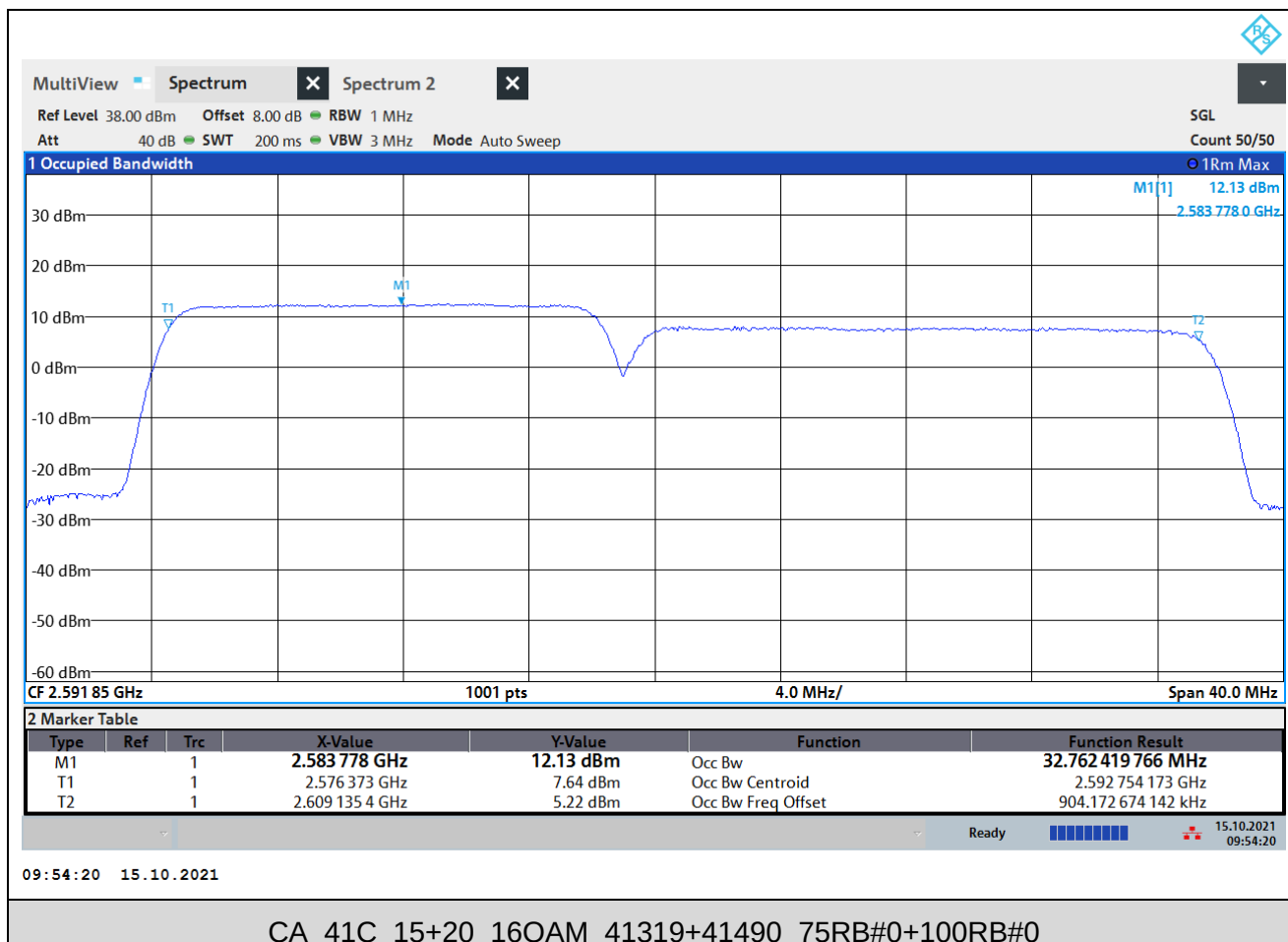


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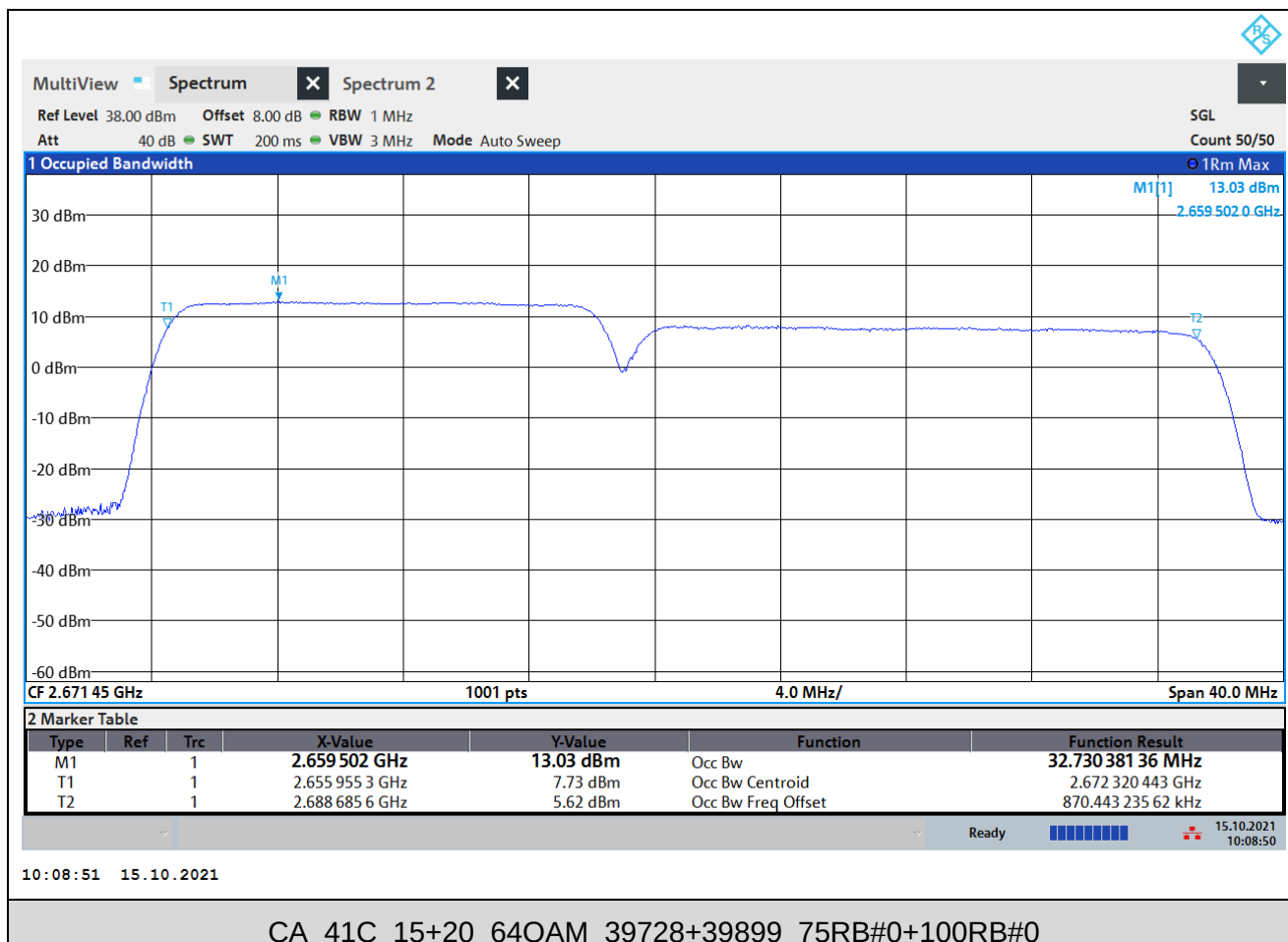


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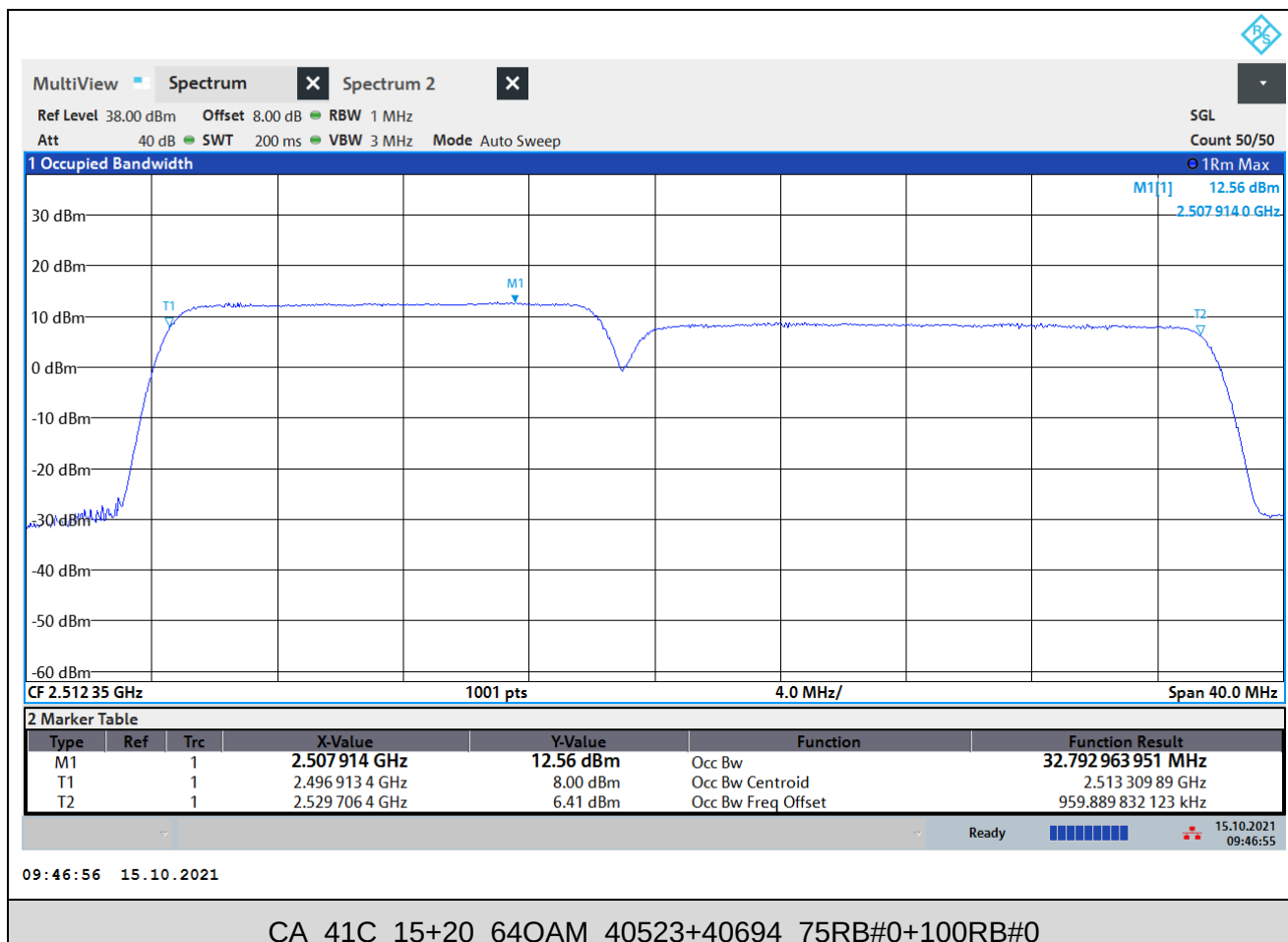
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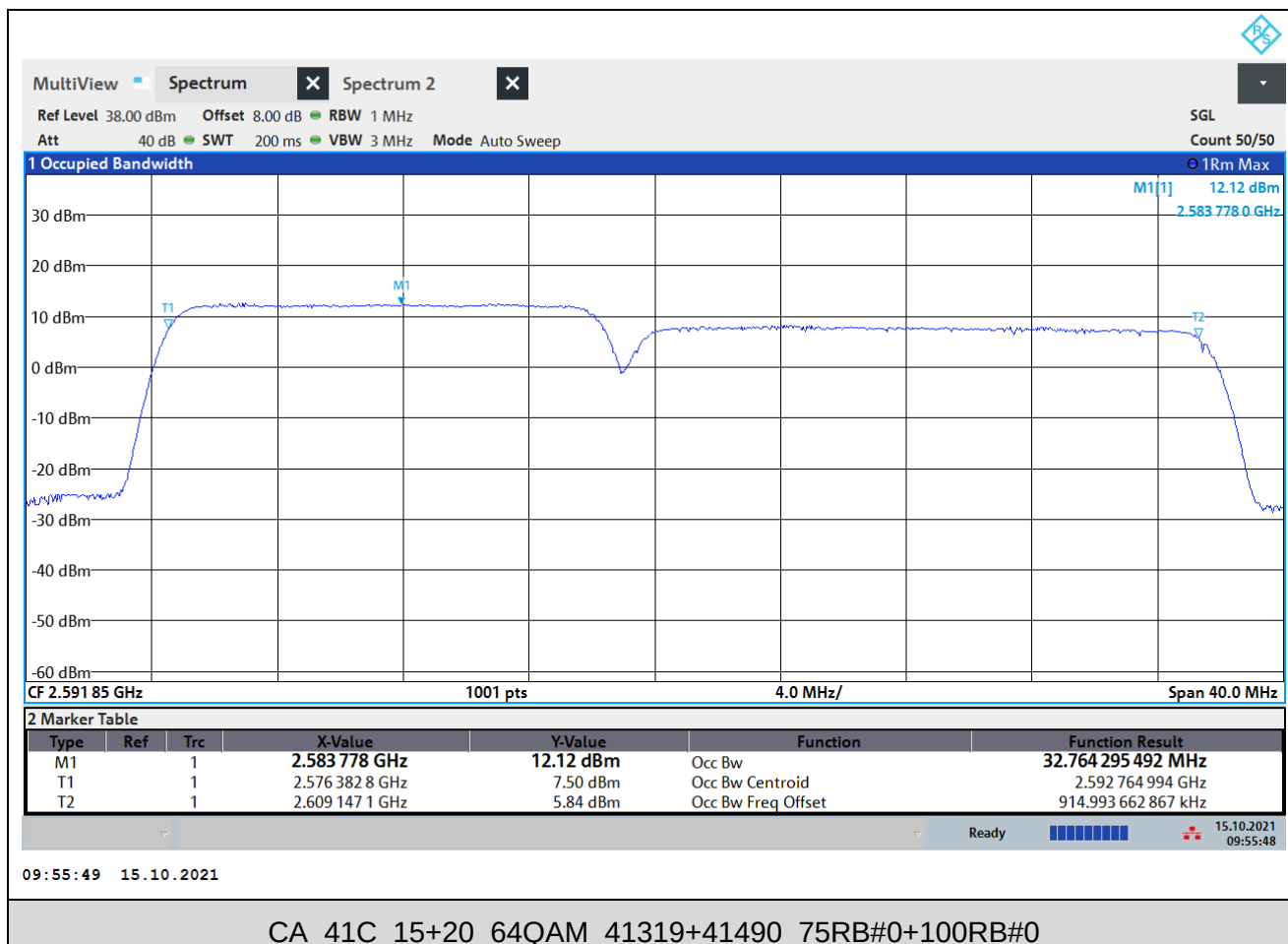


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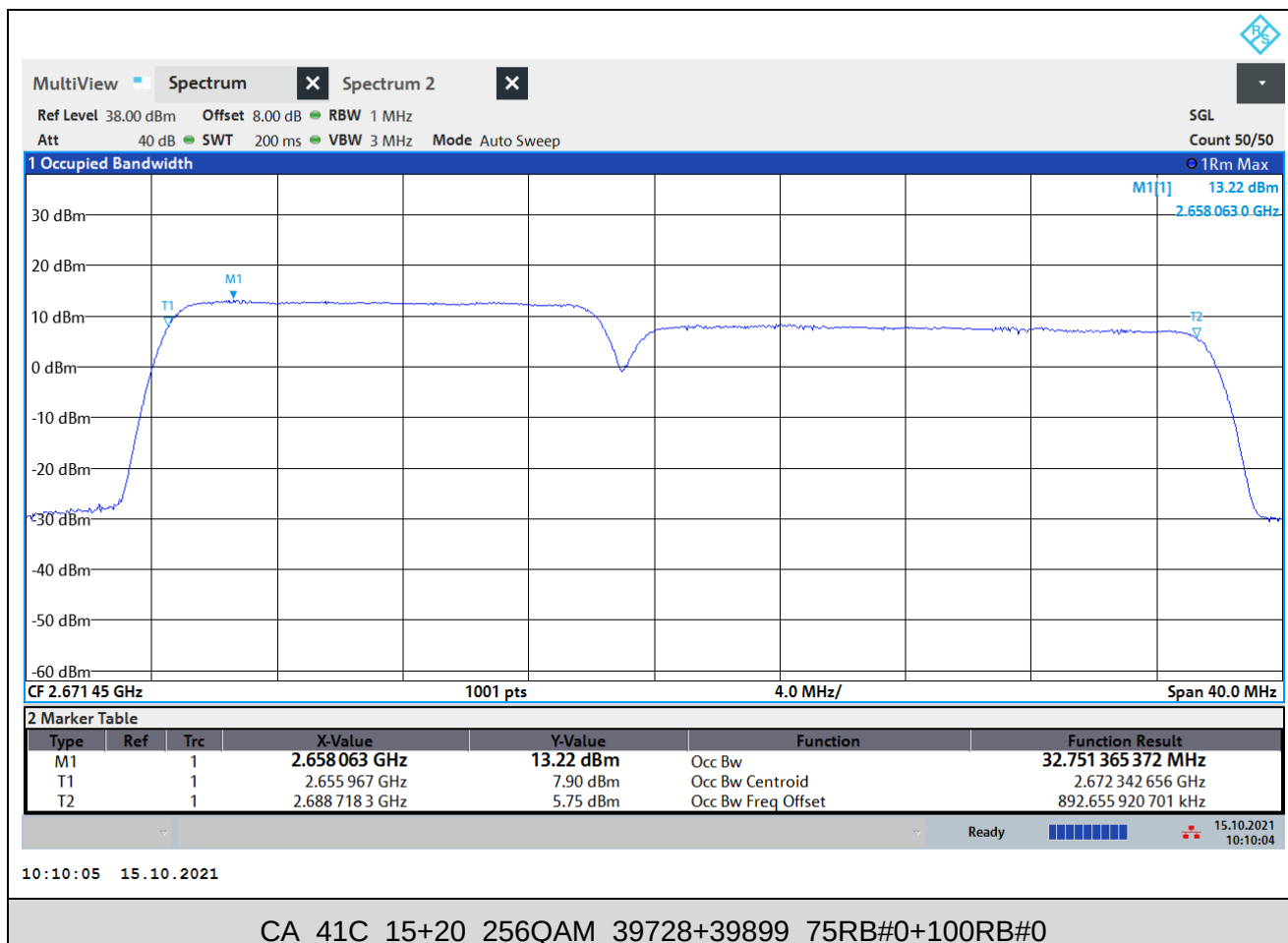
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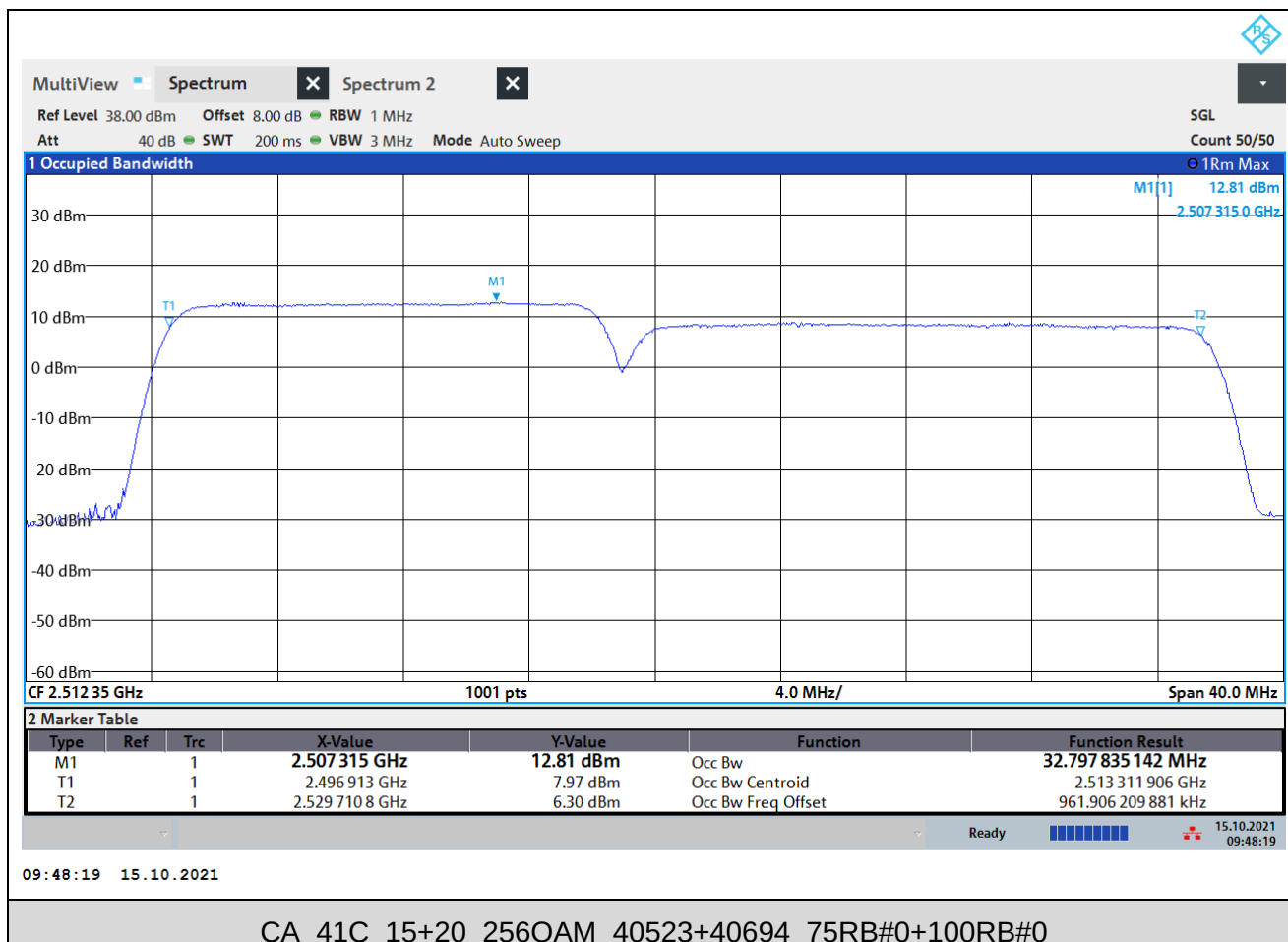


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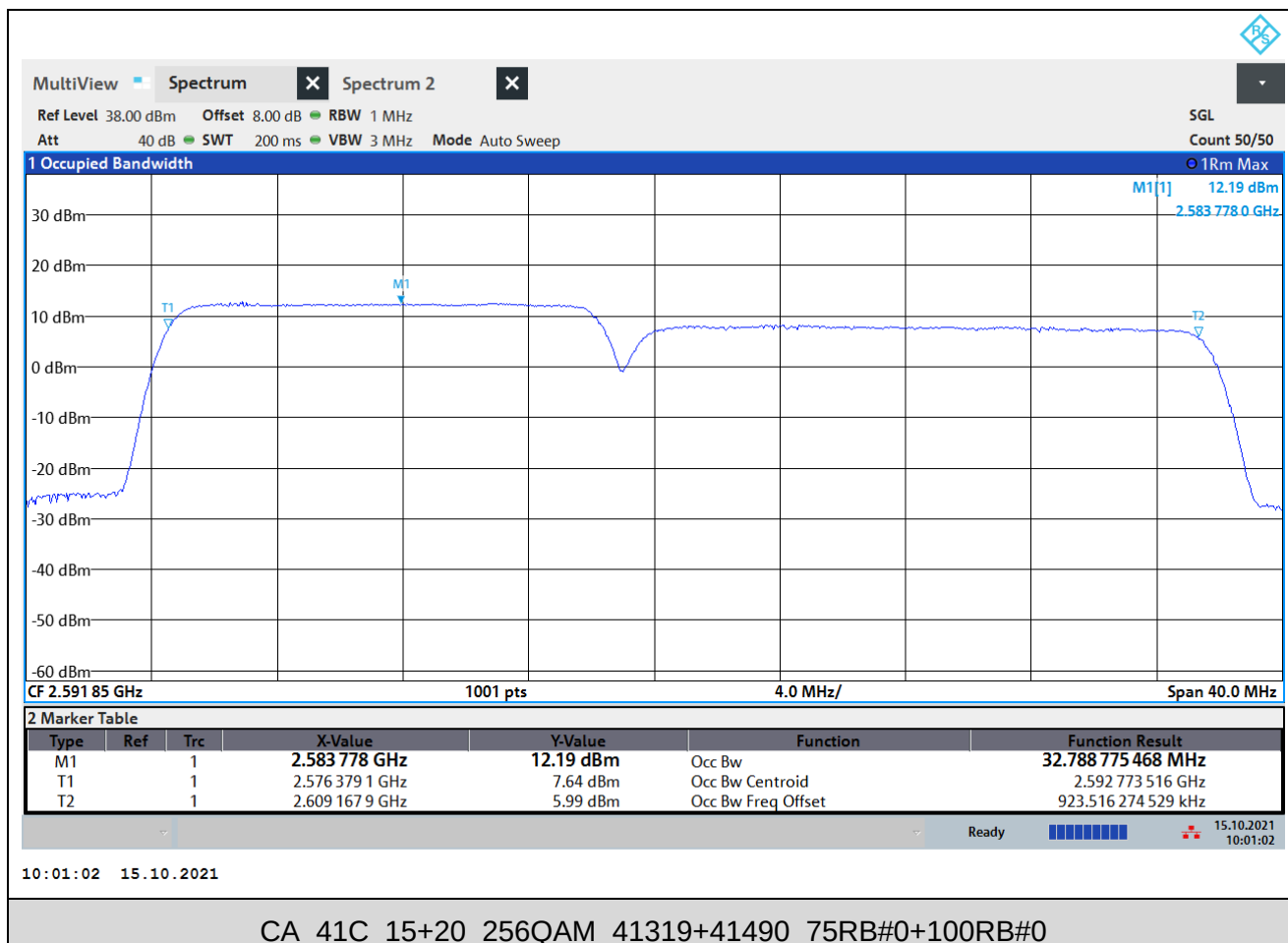


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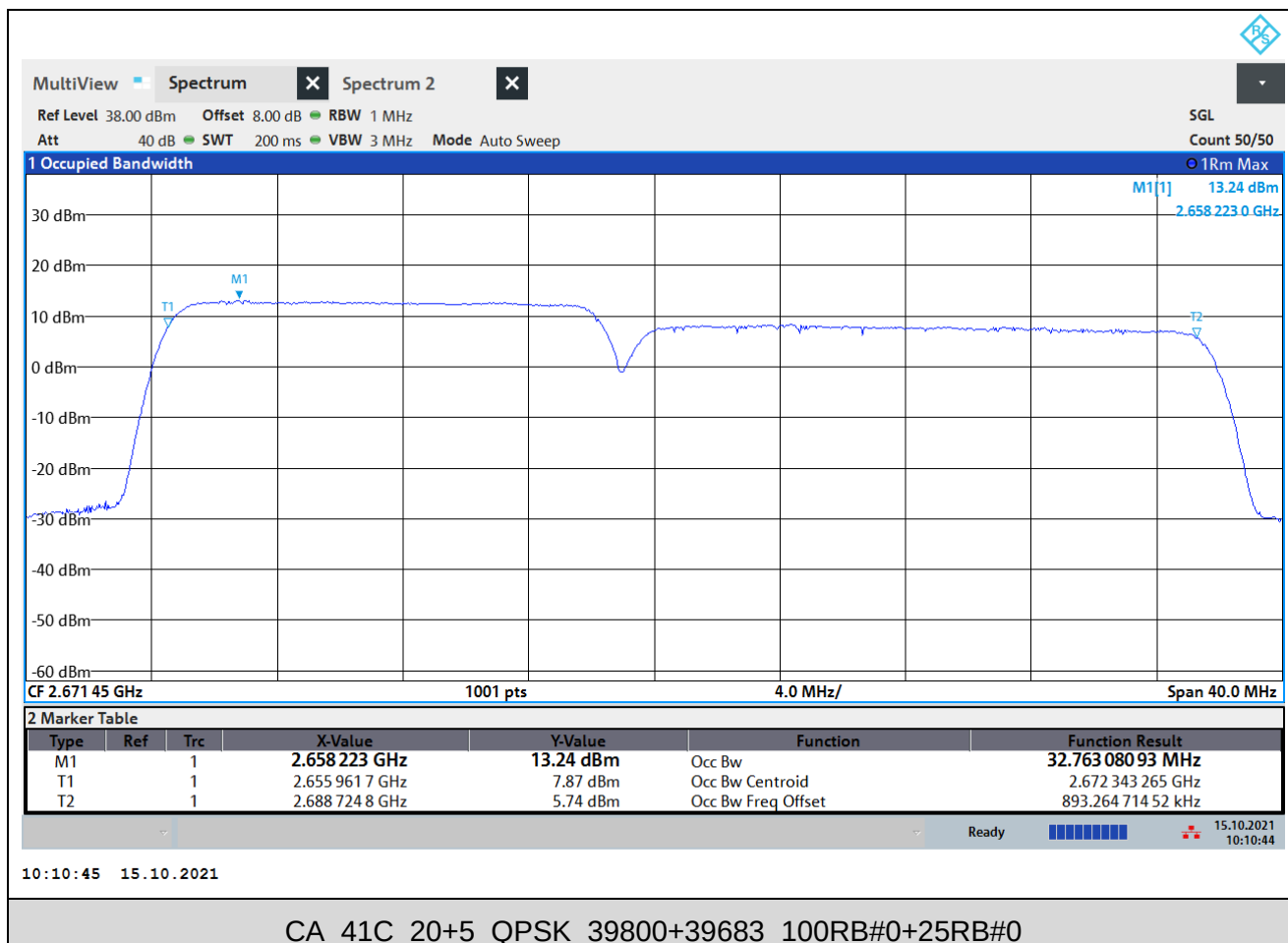


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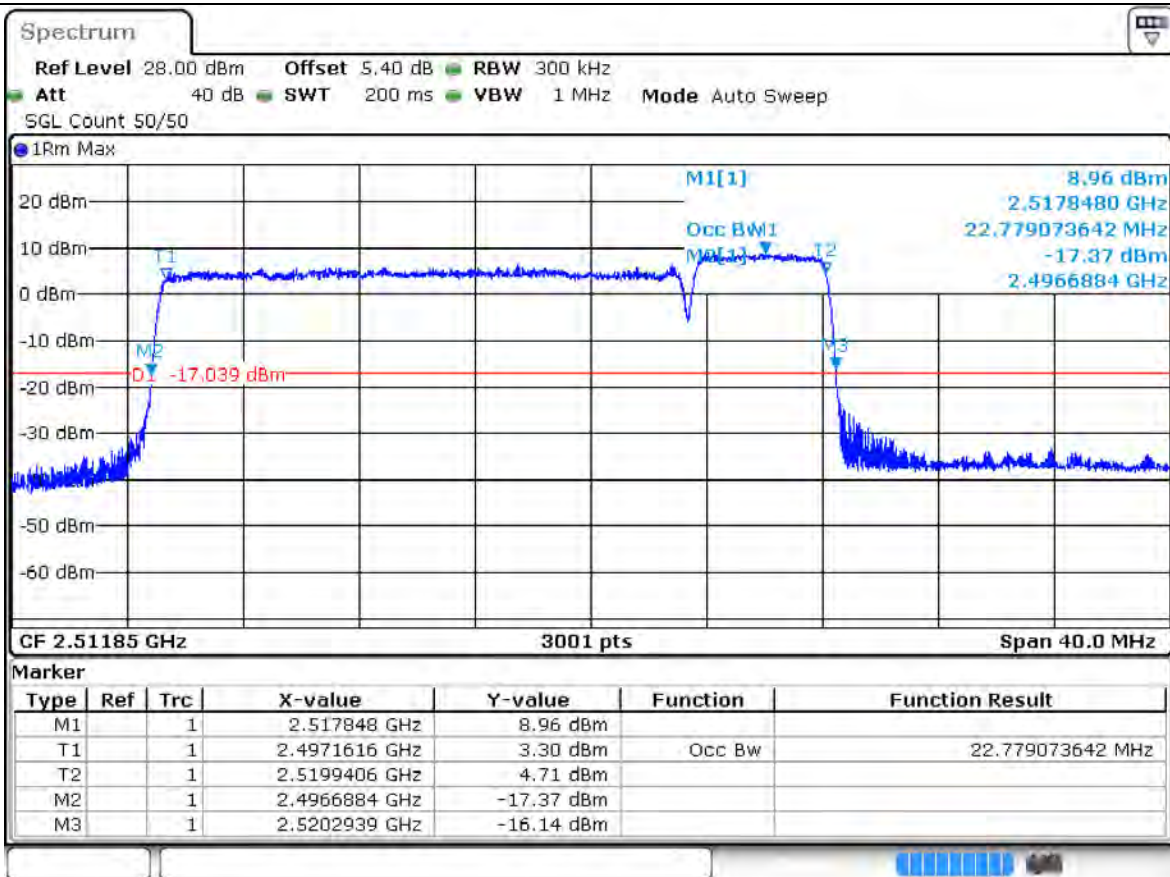


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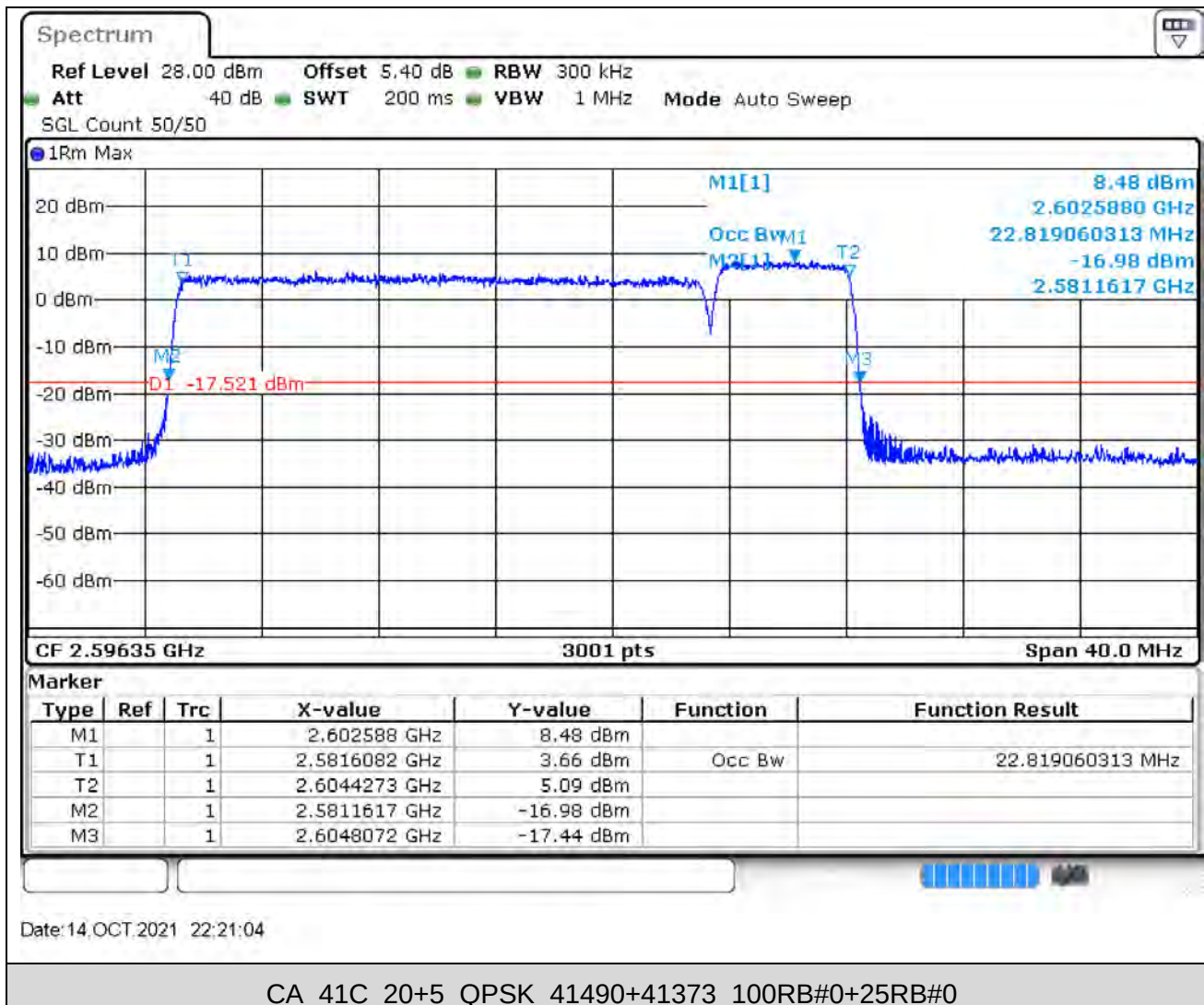
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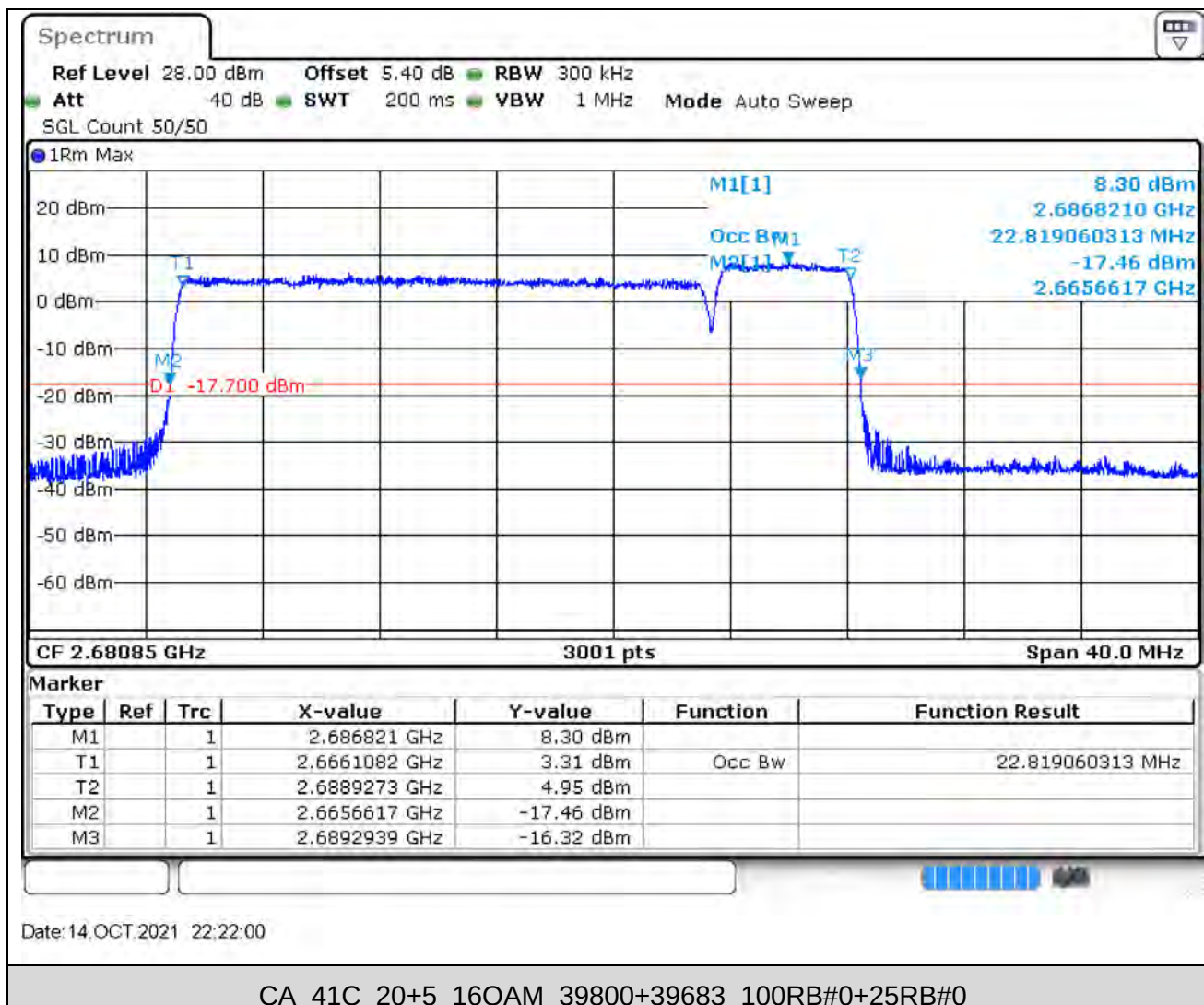


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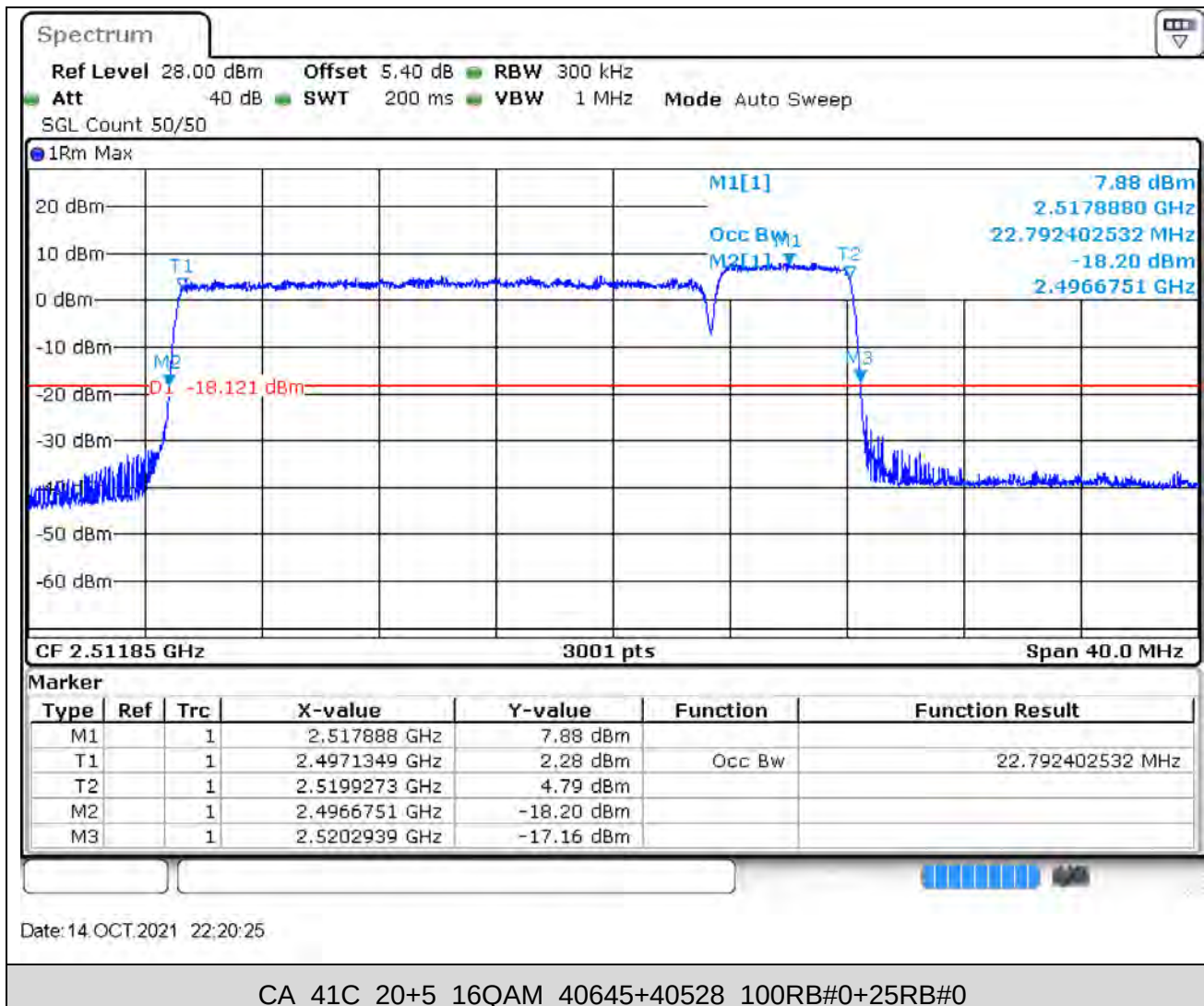


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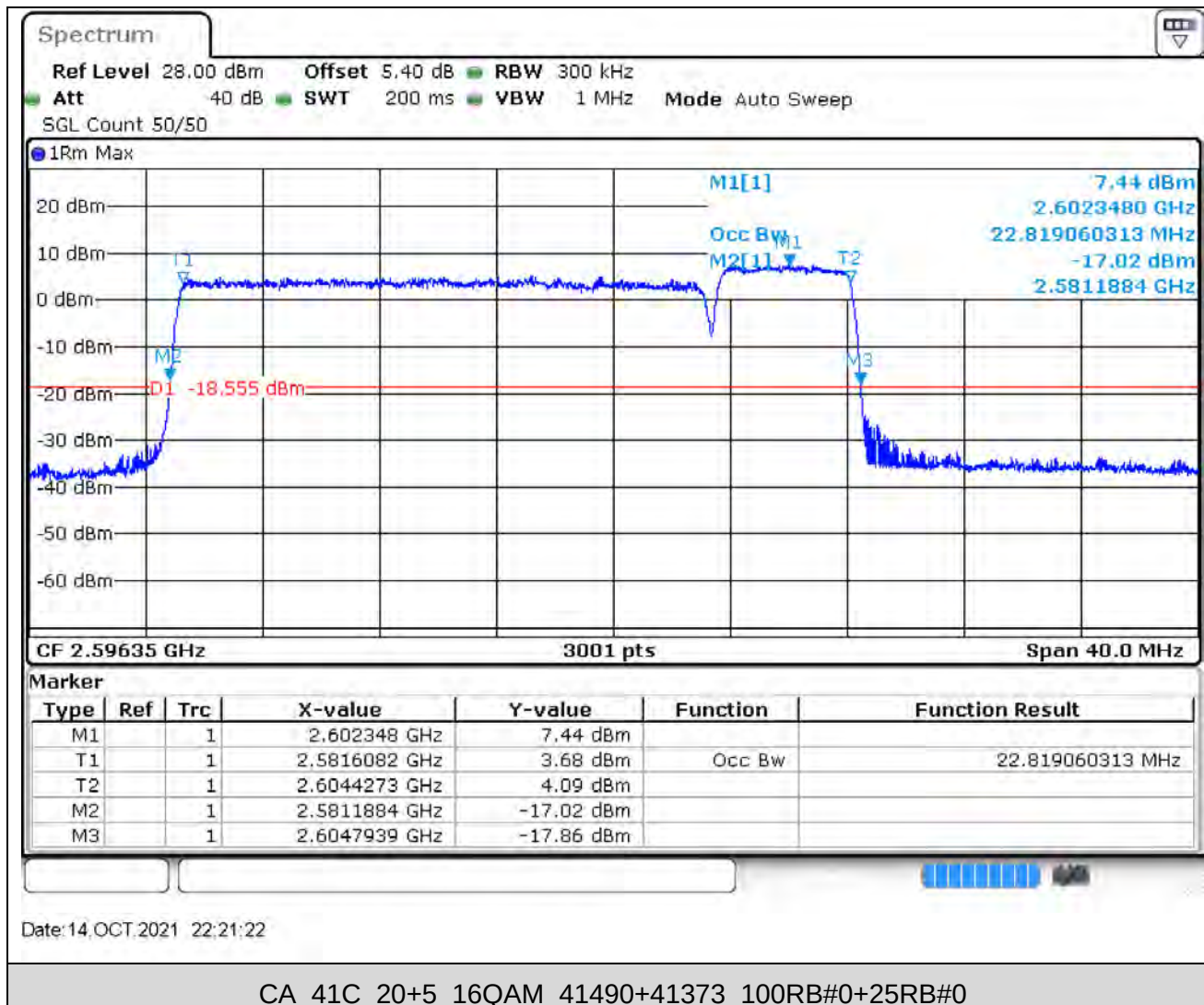


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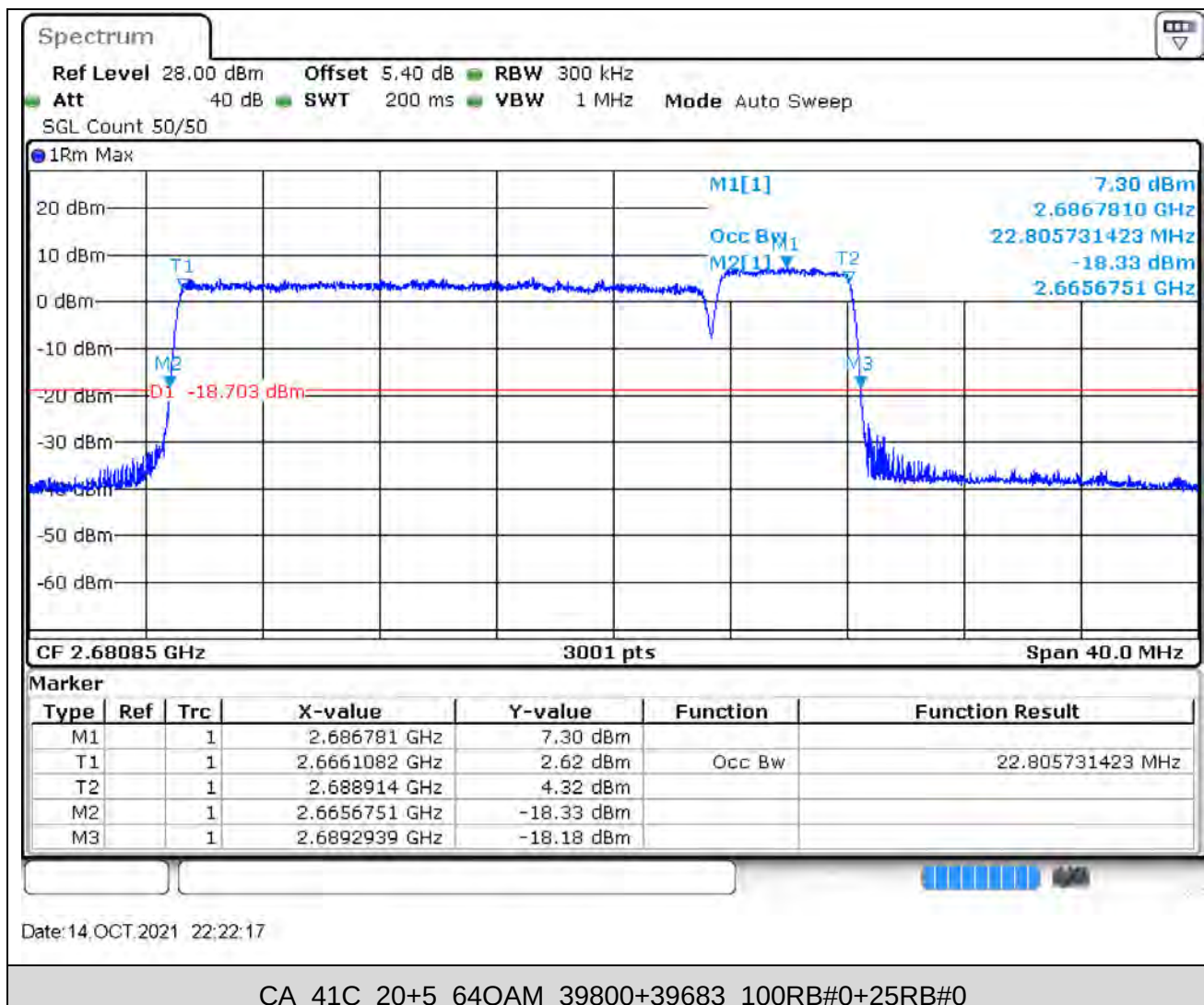


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