



Appendix B

E-UTRA Band CA_41C



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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	25.34	26.86	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	QPSK	25.17	26.69	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	QPSK	25.37	26.89	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	QPSK	25.06	26.58	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	QPSK	25.34	26.86	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	QPSK	25.08	26.6	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	QPSK	25.34	26.86	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	QPSK	25.33	26.85	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	QPSK	25.12	26.64	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	QPSK	25.30	26.82	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	QPSK	25.17	26.69	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	QPSK	25.18	26.7	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	QPSK	25.19	26.71	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	QPSK	24.94	26.46	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	QPSK	25.10	26.62	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	QPSK	25.00	26.52	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	QPSK	25.30	26.82	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	QPSK	25.02	26.54	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	QPSK	25.08	26.6	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	QPSK	25.20	26.72	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	QPSK	25.30	26.82	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	QPSK	25.30	26.82	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	QPSK	25.23	26.75	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	QPSK	25.21	26.73	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	QPSK	25.34	26.86	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	QPSK	24.98	26.5	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	QPSK	25.21	26.73	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	QPSK	25.12	26.64	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	QPSK	25.20	26.72	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	QPSK	25.06	26.58	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	QPSK	25.27	26.79	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	QPSK	25.10	26.62	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	QPSK	25.22	26.74	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	QPSK	25.00	26.52	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	QPSK	25.27	26.79	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	QPSK	25.13	26.65	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	QPSK	25.14	26.66	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	QPSK	25.14	26.66	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	QPSK	25.24	26.76	33.00	PASS



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CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	QPSK	25.01	26.53	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	QPSK	25.25	26.77	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	QPSK	24.98	26.5	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	16QAM	24.38	25.9	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	16QAM	24.29	25.81	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	16QAM	24.37	25.89	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	16QAM	24.29	25.81	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	16QAM	24.33	25.85	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	16QAM	24.33	25.85	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	16QAM	24.43	25.95	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	16QAM	24.50	26.02	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	16QAM	24.36	25.88	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	16QAM	24.52	26.04	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	16QAM	24.43	25.95	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	16QAM	24.50	26.02	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	16QAM	24.35	25.87	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	16QAM	24.21	25.73	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	16QAM	24.48	26	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	16QAM	24.12	25.64	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	16QAM	24.41	25.93	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	16QAM	24.23	25.75	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	16QAM	24.37	25.89	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	16QAM	24.31	25.83	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	16QAM	24.48	26	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	16QAM	24.45	25.97	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	16QAM	24.39	25.91	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	16QAM	24.46	25.98	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	16QAM	24.39	25.91	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	16QAM	24.15	25.67	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	16QAM	24.37	25.89	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	16QAM	24.14	25.66	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	16QAM	24.48	26	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	16QAM	24.18	25.7	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	16QAM	24.41	25.93	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	16QAM	24.26	25.78	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	16QAM	24.51	26.03	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	16QAM	24.10	25.62	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	16QAM	24.49	26.01	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	16QAM	24.32	25.84	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	16QAM	24.23	25.75	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	16QAM	24.35	25.87	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	16QAM	24.51	26.03	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	16QAM	24.28	25.8	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	16QAM	24.28	25.8	33.00	PASS



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CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	16QAM	24.21	25.73	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	64QAM	23.68	25.2	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	64QAM	23.41	24.93	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	64QAM	23.49	25.01	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	64QAM	23.26	24.78	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	64QAM	23.38	24.9	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	64QAM	23.25	24.77	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	64QAM	23.46	24.98	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	64QAM	23.73	25.25	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	64QAM	23.54	25.06	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	64QAM	23.62	25.14	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	64QAM	23.44	24.96	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	64QAM	23.51	25.03	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	64QAM	23.59	25.11	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	64QAM	23.38	24.9	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	64QAM	23.49	25.01	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	64QAM	23.41	24.93	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	64QAM	23.46	24.98	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	64QAM	23.34	24.86	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	64QAM	23.32	24.84	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	64QAM	23.40	24.92	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	64QAM	23.45	24.97	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	64QAM	23.22	24.74	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	64QAM	23.46	24.98	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	64QAM	23.43	24.95	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	64QAM	23.53	25.05	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	64QAM	23.16	24.68	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	64QAM	23.32	24.84	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	64QAM	23.38	24.9	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	64QAM	23.54	25.06	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	64QAM	23.26	24.78	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	64QAM	23.77	25.29	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	64QAM	23.34	24.86	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	64QAM	23.44	24.96	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	64QAM	23.23	24.75	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	64QAM	23.65	25.17	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	64QAM	23.49	25.01	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	64QAM	23.39	24.91	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	64QAM	23.31	24.83	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	64QAM	23.45	24.97	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	64QAM	23.35	24.87	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	64QAM	23.57	25.09	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	64QAM	23.29	24.81	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	256QAM	21.58	23.1	33.00	PASS



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CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	256QAM	21.36	22.88	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	256QAM	21.52	23.04	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	21.35	22.87	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	256QAM	21.27	22.79	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	256QAM	21.47	22.99	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	256QAM	21.47	22.99	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	256QAM	21.19	22.71	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	256QAM	21.28	22.8	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	256QAM	21.32	22.84	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	256QAM	21.28	22.8	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	256QAM	21.40	22.92	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	256QAM	21.24	22.76	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	256QAM	21.45	22.97	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	256QAM	21.28	22.8	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	256QAM	21.44	22.96	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	256QAM	21.25	22.77	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	256QAM	21.16	22.68	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	256QAM	21.19	22.71	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	256QAM	21.33	22.85	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	256QAM	21.39	22.91	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	256QAM	21.22	22.74	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	21.33	22.85	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	256QAM	21.29	22.81	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	256QAM	21.43	22.95	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	256QAM	21.21	22.73	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	256QAM	21.26	22.78	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	256QAM	21.23	22.75	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	256QAM	21.30	22.82	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	256QAM	21.29	22.81	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	256QAM	21.36	22.88	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	256QAM	21.20	22.72	33.00	PASS



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CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	256QAM	21.36	22.88	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	256QAM	21.38	22.9	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	256QAM	21.16	22.68	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	256QAM	21.35	22.87	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	21.40	22.92	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	256QAM	21.38	22.9	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	256QAM	21.28	22.8	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	7.86	13.00	PASS
CA_41C	QPSK	100RB+100RB	40521+40719	100RB#0	100RB#0	10.17	13.00	PASS
CA_41C	QPSK	100RB+100RB	41292+41490	100RB#0	100RB#0	5.62	13.00	PASS
CA_41C	16QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	7.04	13.00	PASS
CA_41C	16QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	6.55	13.00	PASS
CA_41C	16QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	7.80	13.00	PASS
CA_41C	64QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	6.90	13.00	PASS
CA_41C	64QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	8.64	13.00	PASS
CA_41C	64QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	8.32	13.00	PASS
CA_41C	256QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	8.61	13.00	PASS
CA_41C	256QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	8.64	13.00	PASS
CA_41C	256QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	9.25	13.00	PASS



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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



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CA 41C 100RB+100RB QPSK 40521+40719 100RB#0+100RB#0



Date: 27.JUL.2021 10:48:48

CA 41C 100RB+100RB QPSK 41292+41490 100RB#0+100RB#0



Date: 27.JUL.2021 10:50:51



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



Date: 27.JUL.2021 10:47:43

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



Date: 27.JUL.2021 10:49:03



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



Date: 27.JUL.2021 10:50:28

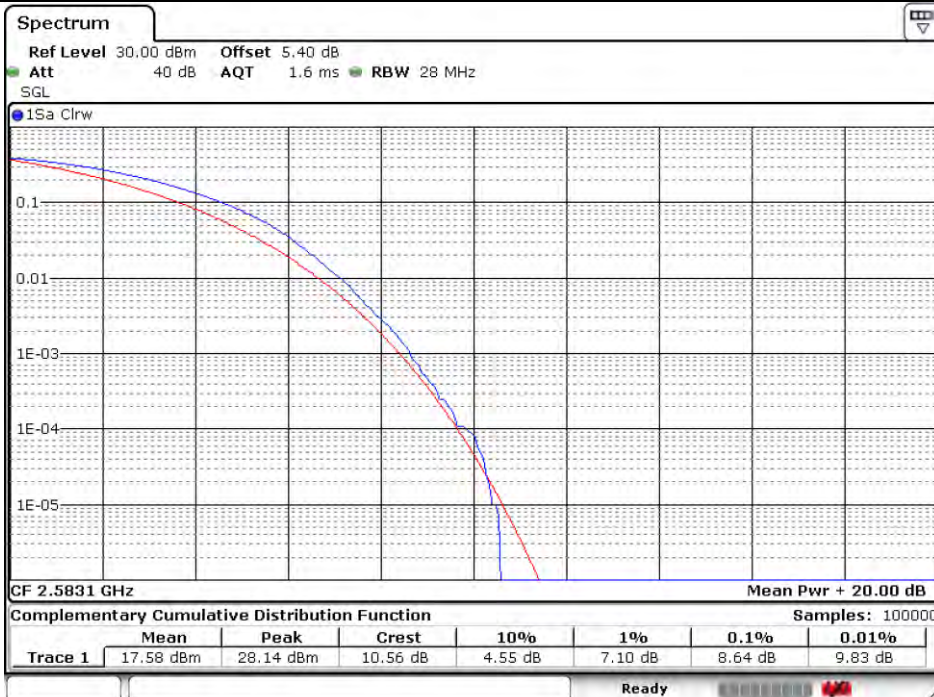
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Date: 27.JUL.2021 10:47:54

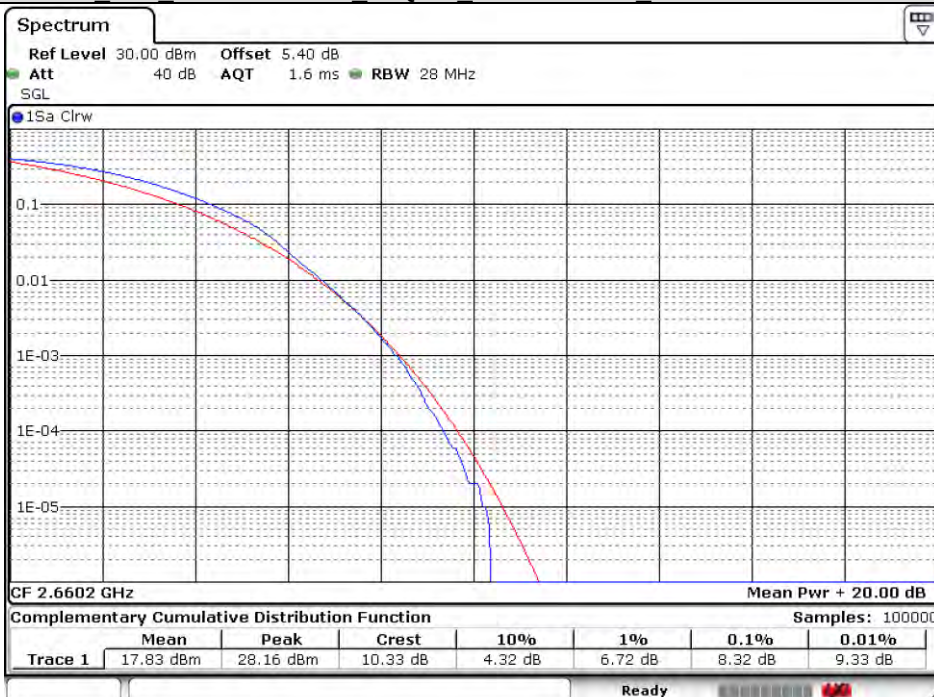


CA 41C 100RB+100RB 64QAM 40521+40719 100RB#0+100RB#0



Date: 27.JUL.2021 10:49:14

CA 41C 100RB+100RB 64QAM 41292+41490 100RB#0+100RB#0



Date: 27.JUL.2021 10:50:39



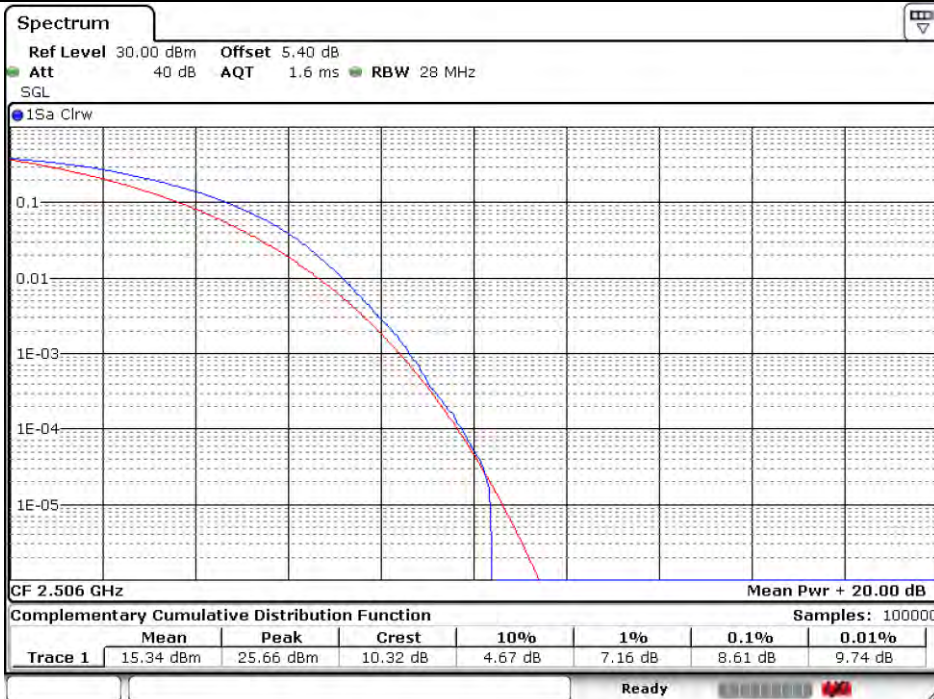
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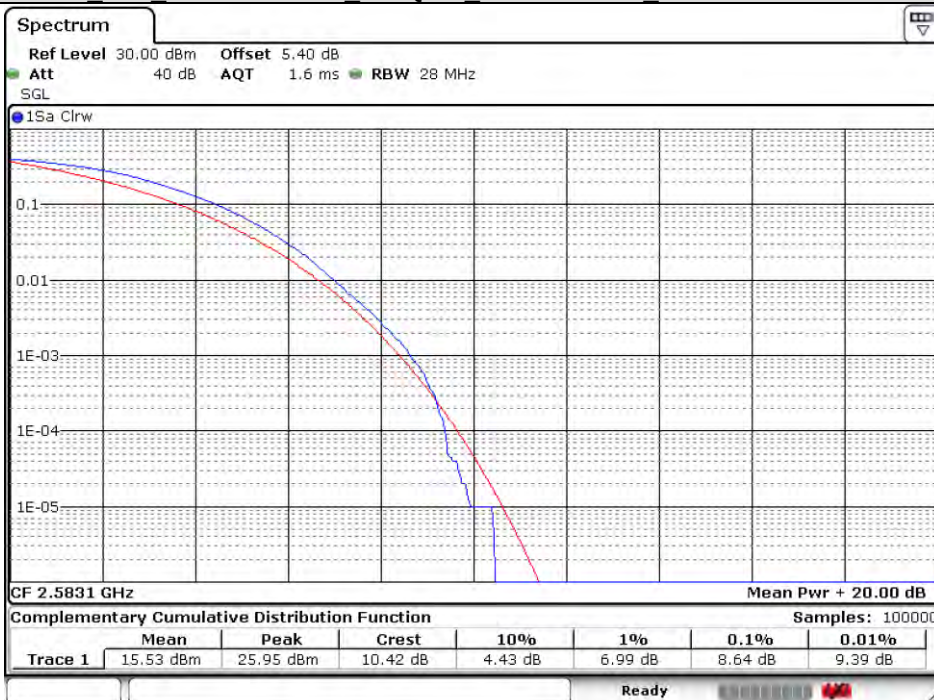
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CA 41C 100RB+100RB 256QAM 39750+39948 100RB#0+100RB#0



Date: 27.JUL.2021 10:47:15

CA 41C 100RB+100RB 256QAM 40521+40719 100RB#0+100RB#0



Date: 27.JUL.2021 10:49:25



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CA 41C 100RB+100RB 256QAM 41292+41490 100RB#0+100RB#0



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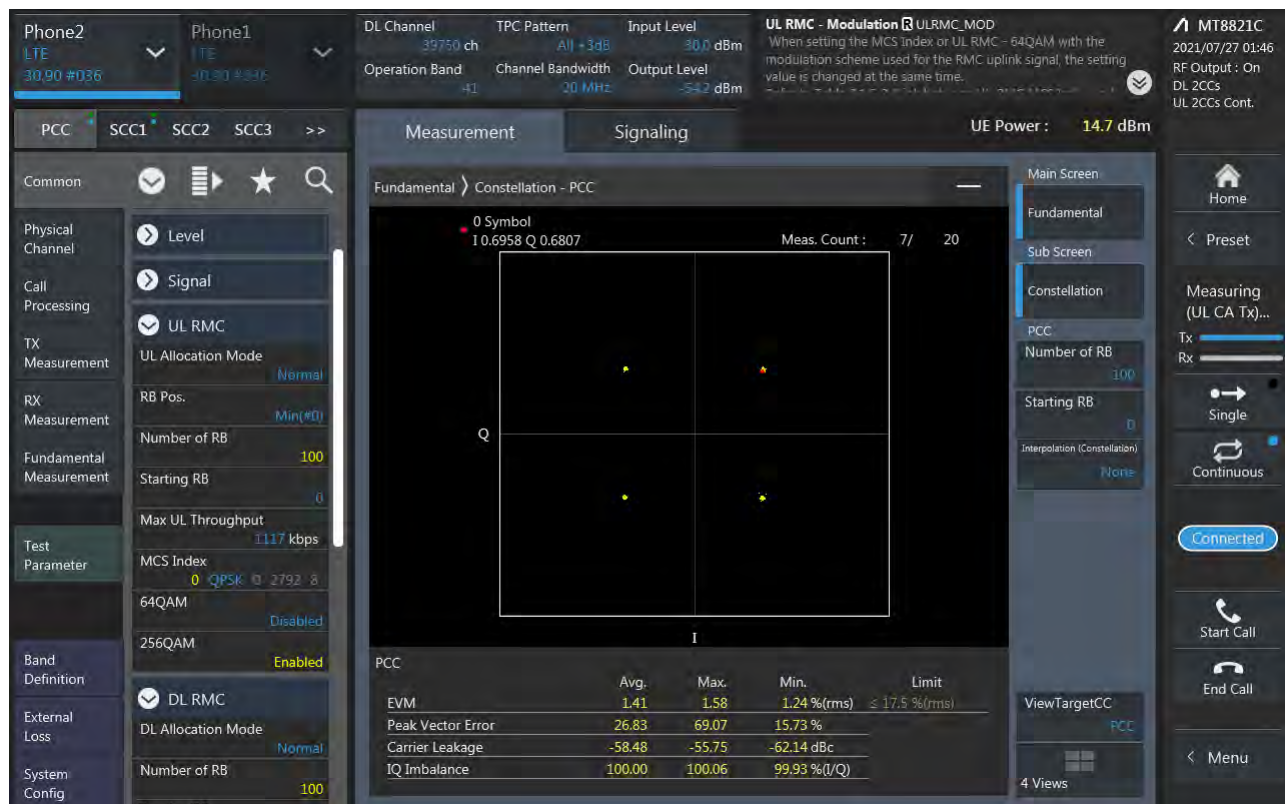
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_41C

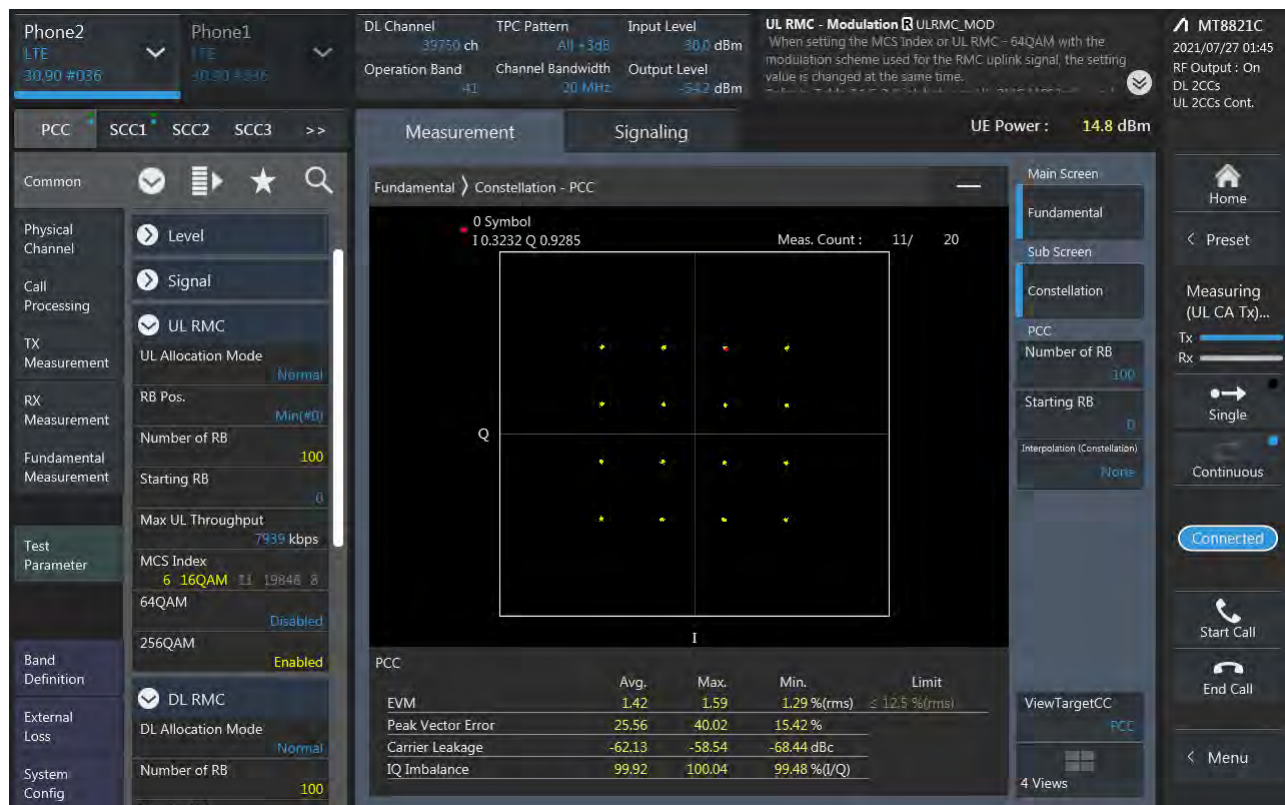
3.1.1.1 Test Mode = LTE /QPSK 100RB+100RB

3.1.1.1.1 Test Channel = 40521+40719



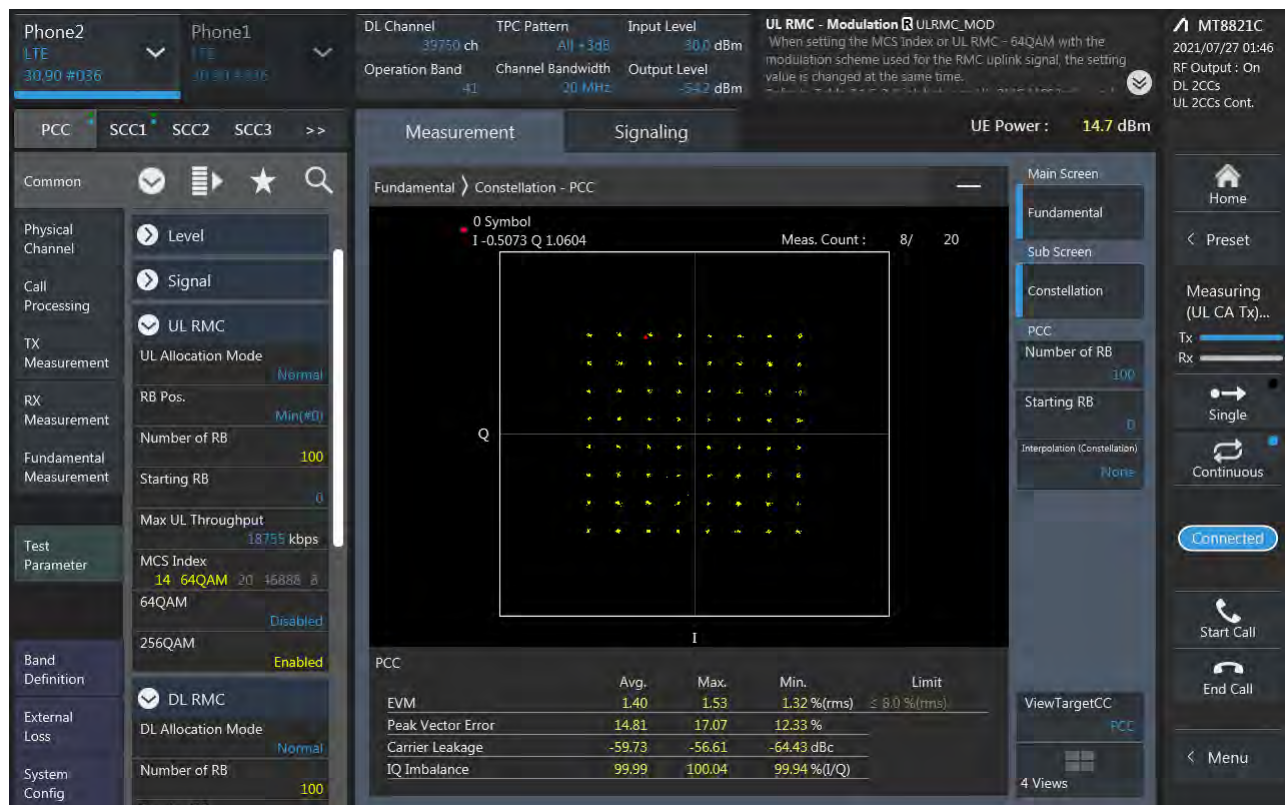


3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB
3.1.1.2.1 Test Channel = 40521+40719



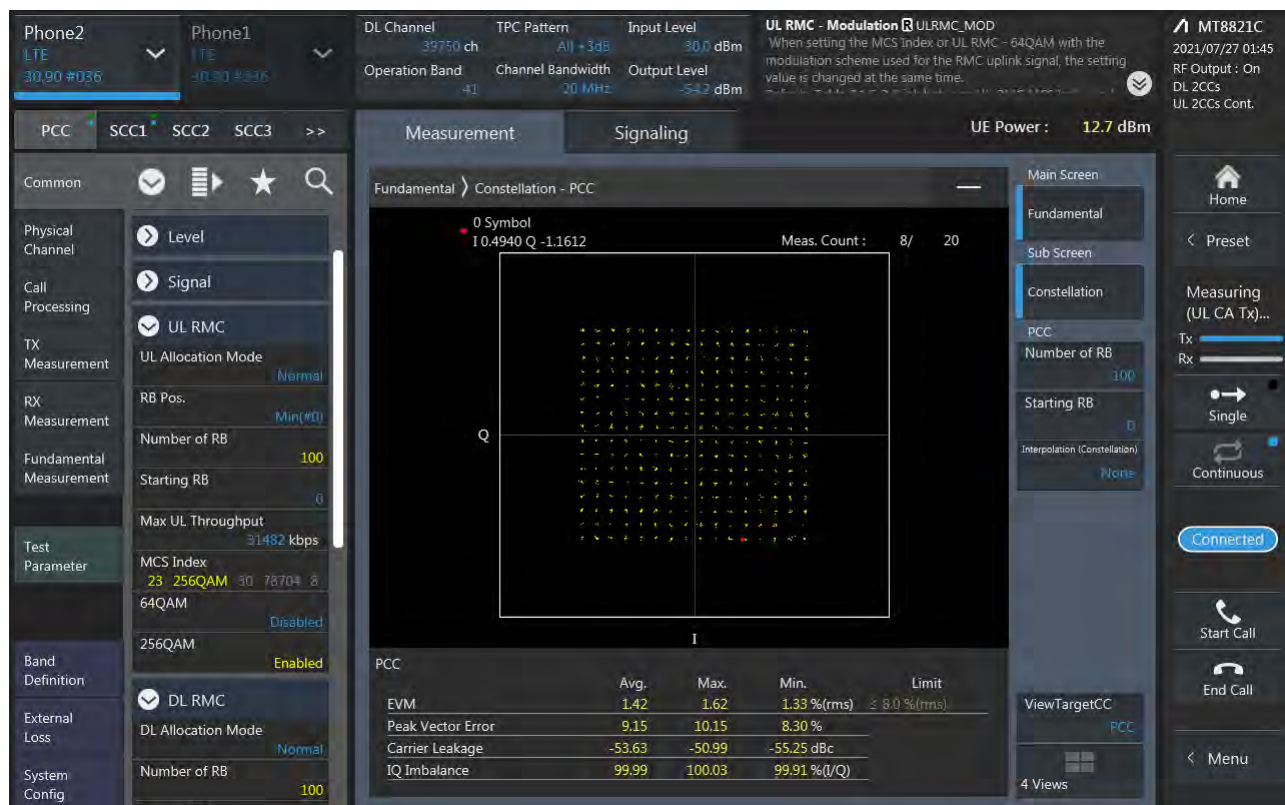


3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB
3.1.1.3.1 Test Channel = 40521+40719



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	22.77	23.54	PASS
CA_41C	25RB+100RB	16QAM	39683+39800	25RB#0+100RB#0	22.78	23.57	PASS
CA_41C	25RB+100RB	64QAM	39683+39800	25RB#0+100RB#0	22.77	23.57	PASS
CA_41C	25RB+100RB	QPSK	40528+40645	25RB#0+100RB#0	22.78	23.58	PASS
CA_41C	25RB+100RB	16QAM	40528+40645	25RB#0+100RB#0	22.78	23.57	PASS
CA_41C	25RB+100RB	64QAM	40528+40645	25RB#0+100RB#0	22.77	23.55	PASS
CA_41C	25RB+100RB	QPSK	41373+41490	25RB#0+100RB#0	22.73	23.53	PASS
CA_41C	25RB+100RB	16QAM	41373+41490	25RB#0+100RB#0	22.73	23.54	PASS
CA_41C	25RB+100RB	64QAM	41373+41490	25RB#0+100RB#0	22.73	23.54	PASS
CA_41C	50RB+75RB	QPSK	39703+39823	50RB#0+75RB#0	23.13	24.31	PASS
CA_41C	50RB+75RB	16QAM	39703+39823	50RB#0+75RB#0	23.13	24.27	PASS
CA_41C	50RB+75RB	64QAM	39703+39823	50RB#0+75RB#0	23.14	24.38	PASS
CA_41C	50RB+75RB	QPSK	40549+40669	50RB#0+75RB#0	23.11	24.31	PASS
CA_41C	50RB+75RB	16QAM	40549+40669	50RB#0+75RB#0	23.11	24.29	PASS
CA_41C	50RB+75RB	64QAM	40549+40669	50RB#0+75RB#0	23.13	24.38	PASS
CA_41C	50RB+75RB	QPSK	41395+41515	50RB#0+75RB#0	23.1	24.30	PASS
CA_41C	50RB+75RB	16QAM	41395+41515	50RB#0+75RB#0	23.11	24.31	PASS
CA_41C	50RB+75RB	64QAM	41395+41515	50RB#0+75RB#0	23.13	24.37	PASS
CA_41C	50RB+100RB	QPSK	39705+39849	50RB#0+100RB#0	27.68	28.99	PASS
CA_41C	50RB+100RB	16QAM	39705+39849	50RB#0+100RB#0	27.7	29.00	PASS
CA_41C	50RB+100RB	64QAM	39705+39849	50RB#0+100RB#0	27.73	29.02	PASS
CA_41C	50RB+100RB	QPSK	40526+40670	50RB#0+100RB#0	27.65	28.96	PASS
CA_41C	50RB+100RB	16QAM	40526+40670	50RB#0+100RB#0	27.64	28.97	PASS
CA_41C	50RB+100RB	64QAM	40526+40670	50RB#0+100RB#0	27.61	28.96	PASS
CA_41C	50RB+100RB	QPSK	41346+41490	50RB#0+100RB#0	27.64	28.96	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	28.99	PASS
CA_41C	75RB+50RB	QPSK	39725+39845	75RB#0+50RB#0	23.06	23.99	PASS
CA_41C	75RB+50RB	16QAM	39725+39845	75RB#0+50RB#0	23.09	23.97	PASS
CA_41C	75RB+50RB	64QAM	39725+39845	75RB#0+50RB#0	23.09	23.97	PASS
CA_41C	75RB+50RB	QPSK	40571+40691	75RB#0+50RB#0	23.09	24.07	PASS
CA_41C	75RB+50RB	16QAM	40571+40691	75RB#0+50RB#0	23.06	24.02	PASS
CA_41C	75RB+50RB	64QAM	40571+40691	75RB#0+50RB#0	23.07	24.03	PASS





CA_41C	75RB+50RB	QPSK	41417+41537	75RB#0+50RB#0	23.09	23.94	PASS
CA_41C	75RB+50RB	16QAM	41417+41537	75RB#0+50RB#0	23.06	23.98	PASS
CA_41C	75RB+50RB	64QAM	41417+41537	75RB#0+50RB#0	23.07	24.02	PASS
CA_41C	75RB+75RB	QPSK	39725+39875	75RB#0+75RB#0	28.3	29.66	PASS
CA_41C	75RB+75RB	16QAM	39725+39875	75RB#0+75RB#0	28.3	29.59	PASS
CA_41C	75RB+75RB	64QAM	39725+39875	75RB#0+75RB#0	28.31	29.65	PASS
CA_41C	75RB+75RB	QPSK	40545+40695	75RB#0+75RB#0	28.3	29.65	PASS
CA_41C	75RB+75RB	16QAM	40545+40695	75RB#0+75RB#0	28.28	29.66	PASS
CA_41C	75RB+75RB	64QAM	40545+40695	75RB#0+75RB#0	28.3	29.63	PASS
CA_41C	75RB+75RB	QPSK	41365+41515	75RB#0+75RB#0	28.28	29.63	PASS
CA_41C	75RB+75RB	16QAM	41365+41515	75RB#0+75RB#0	28.28	29.63	PASS
CA_41C	75RB+75RB	64QAM	41365+41515	75RB#0+75RB#0	28.3	29.65	PASS
CA_41C	75RB+100RB	QPSK	39728+39899	75RB#0+100RB#0	32.53	33.97	PASS
CA_41C	75RB+100RB	16QAM	39728+39899	75RB#0+100RB#0	32.51	33.89	PASS
CA_41C	75RB+100RB	64QAM	39728+39899	75RB#0+100RB#0	32.51	33.91	PASS
CA_41C	75RB+100RB	QPSK	40523+40694	75RB#0+100RB#0	32.49	33.91	PASS
CA_41C	75RB+100RB	16QAM	40523+40694	75RB#0+100RB#0	32.49	33.91	PASS
CA_41C	75RB+100RB	64QAM	40523+40694	75RB#0+100RB#0	32.51	33.89	PASS
CA_41C	75RB+100RB	QPSK	41319+41490	75RB#0+100RB#0	32.49	33.89	PASS
CA_41C	75RB+100RB	16QAM	41319+41490	75RB#0+100RB#0	32.51	33.95	PASS
CA_41C	75RB+100RB	64QAM	41319+41490	75RB#0+100RB#0	32.51	33.91	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	27.64	28.64	PASS
CA_41C	100RB+50RB	16QAM	39750+39894	100RB#0+50RB#0	27.64	28.61	PASS
CA_41C	100RB+50RB	64QAM	39750+39894	100RB#0+50RB#0	27.62	28.61	PASS
CA_41C	100RB+50RB	QPSK	40571+40715	100RB#0+50RB#0	27.65	28.63	PASS
CA_41C	100RB+50RB	16QAM	40571+40715	100RB#0+50RB#0	27.65	28.64	PASS
CA_41C	100RB+50RB	64QAM	40571+40715	100RB#0+50RB#0	27.62	28.61	PASS
CA_41C	100RB+50RB	QPSK	41391+41535	100RB#0+50RB#0	27.64	28.64	PASS



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CA_41C	100RB+50RB	16QAM	41391+41535	100RB#0+50RB#0	27.65	28.61	PASS
CA_41C	100RB+50RB	64QAM	41391+41535	100RB#0+50RB#0	27.64	28.63	PASS
CA_41C	100RB+75RB	QPSK	39750+39921	100RB#0+75RB#0	32.59	34.03	PASS
CA_41C	100RB+75RB	16QAM	39750+39921	100RB#0+75RB#0	32.61	34.01	PASS
CA_41C	100RB+75RB	64QAM	39750+39921	100RB#0+75RB#0	32.56	34.01	PASS
CA_41C	100RB+75RB	QPSK	40546+40717	100RB#0+75RB#0	32.61	34.03	PASS
CA_41C	100RB+75RB	16QAM	40546+40717	100RB#0+75RB#0	32.59	34.03	PASS
CA_41C	100RB+75RB	64QAM	40546+40717	100RB#0+75RB#0	32.59	33.99	PASS
CA_41C	100RB+75RB	QPSK	41341+41512	100RB#0+75RB#0	32.61	34.01	PASS
CA_41C	100RB+75RB	16QAM	41341+41512	100RB#0+75RB#0	32.61	34.03	PASS
CA_41C	100RB+75RB	64QAM	41341+41512	100RB#0+75RB#0	32.56	33.96	PASS
CA_41C	100RB+100RB	QPSK	39750+39948	100RB#0+100RB#0	37.50	38.96	PASS
CA_41C	100RB+100RB	16QAM	39750+39948	100RB#0+100RB#0	37.34	38.96	PASS
CA_41C	100RB+100RB	64QAM	39750+39948	100RB#0+100RB#0	37.46	39.00	PASS
CA_41C	100RB+100RB	QPSK	40521+40719	100RB#0+100RB#0	37.46	38.96	PASS
CA_41C	100RB+100RB	16QAM	40521+40719	100RB#0+100RB#0	37.38	38.96	PASS
CA_41C	100RB+100RB	64QAM	40521+40719	100RB#0+100RB#0	37.38	38.96	PASS
CA_41C	100RB+100RB	QPSK	41292+41490	100RB#0+100RB#0	37.34	38.76	PASS
CA_41C	100RB+100RB	16QAM	41292+41490	100RB#0+100RB#0	37.34	38.92	PASS
CA_41C	100RB+100RB	64QAM	41292+41490	100RB#0+100RB#0	37.42	39.04	PASS
CA_41C	25RB+100RB	256QAM	39683+39800	25RB#0+100RB#0	22.77	23.55	PASS
CA_41C	25RB+100RB	256QAM	40528+40645	25RB#0+100RB#0	22.71	23.55	PASS
CA_41C	25RB+100RB	256QAM	41373+41490	25RB#0+100RB#0	22.71	23.54	PASS
CA_41C	50RB+75RB	256QAM	39703+39823	50RB#0+75RB#0	23.11	24.37	PASS
CA_41C	50RB+75RB	256QAM	40549+40669	50RB#0+75RB#0	23.1	24.31	PASS
CA_41C	50RB+75RB	256QAM	41395+41515	50RB#0+75RB#0	23.1	24.35	PASS
CA_41C	50RB+100RB	256QAM	39705+39849	50RB#0+100RB#0	27.68	28.96	PASS
CA_41C	50RB+100RB	256QAM	40526+40670	50RB#0+100RB#0	27.65	28.99	PASS
CA_41C	50RB+100RB	256QAM	41346+41490	50RB#0+100RB#0	27.64	28.60	PASS
CA_41C	75RB+50RB	256QAM	39725+39845	75RB#0+50RB#0	23.09	23.93	PASS
CA_41C	75RB+50RB	256QAM	40571+40691	75RB#0+50RB#0	23.07	23.98	PASS
CA_41C	75RB+50RB	256QAM	41417+41537	75RB#0+50RB#0	23.07	23.98	PASS
CA_41C	75RB+75RB	256QAM	39725+39875	75RB#0+75RB#0	28.3	29.63	PASS
CA_41C	75RB+75RB	256QAM	40545+40695	75RB#0+75RB#0	28.28	29.65	PASS
CA_41C	75RB+75RB	256QAM	41365+41515	75RB#0+75RB#0	28.28	29.62	PASS
CA_41C	75RB+100RB	256QAM	39728+39899	75RB#0+100RB#0	32.57	33.93	PASS
CA_41C	75RB+100RB	256QAM	40523+40694	75RB#0+100RB#0	32.53	33.91	PASS



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CA_41C	75RB+100RB	256QAM	41319+41490	75RB#0+100RB#0	32.55	33.93	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	27.64	28.60	PASS
CA_41C	100RB+50RB	256QAM	40571+40715	100RB#0+50RB#0	27.65	28.61	PASS
CA_41C	100RB+50RB	256QAM	41391+41535	100RB#0+50RB#0	27.67	28.63	PASS
CA_41C	100RB+75RB	256QAM	39750+39921	100RB#0+75RB#0	32.59	34.06	PASS
CA_41C	100RB+75RB	256QAM	40546+40717	100RB#0+75RB#0	32.59	33.99	PASS
CA_41C	100RB+75RB	256QAM	41341+41512	100RB#0+75RB#0	32.59	33.99	PASS
CA_41C	100RB+100RB	256QAM	39750+39948	100RB#0+100RB#0	37.38	38.96	PASS
CA_41C	100RB+100RB	256QAM	40521+40719	100RB#0+100RB#0	37.38	38.96	PASS
CA_41C	100RB+100RB	256QAM	41292+41490	100RB#0+100RB#0	37.38	38.96	PASS



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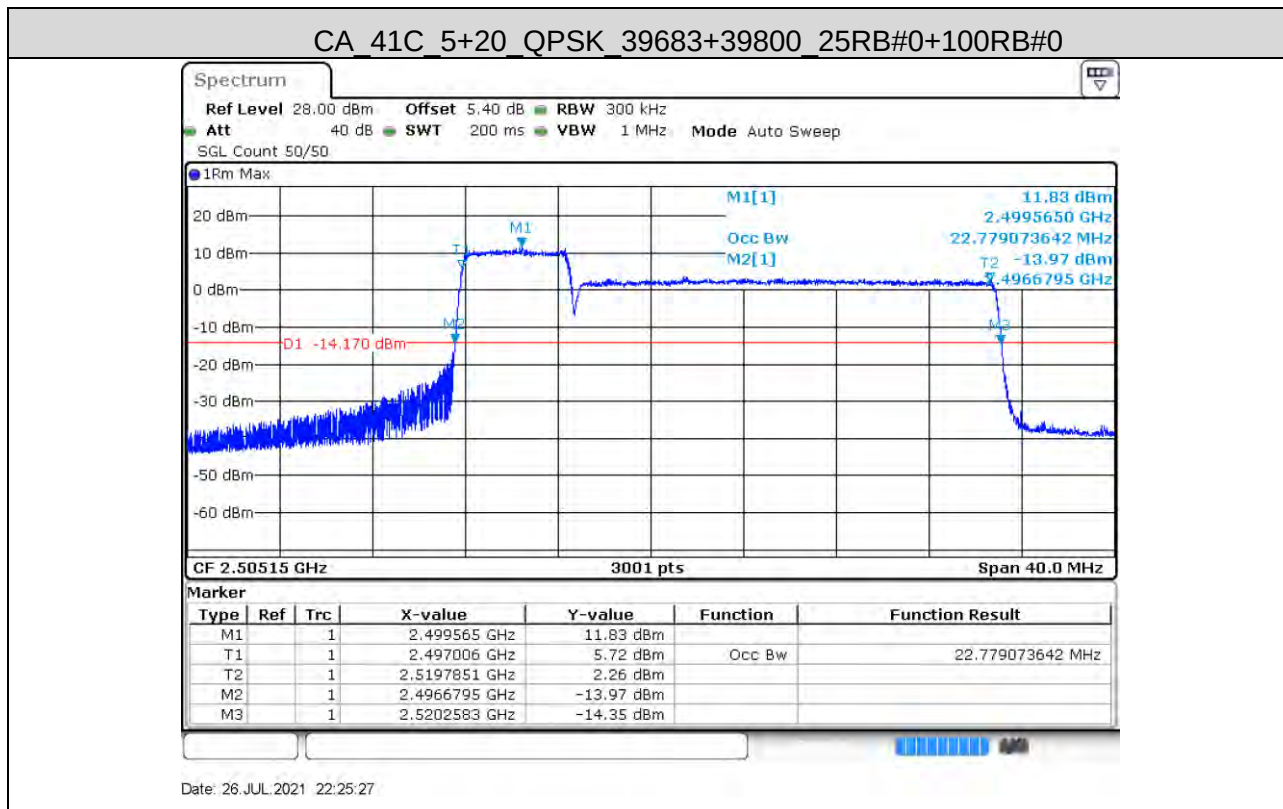
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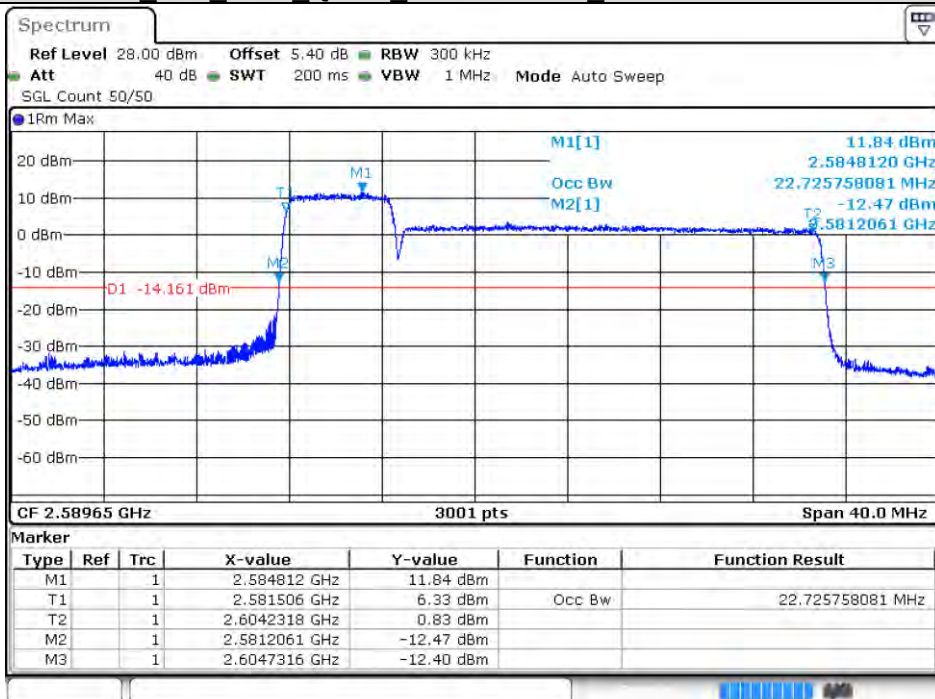
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4.1 For LTE

4.1.1 Test Band = LTE Band CA_41C

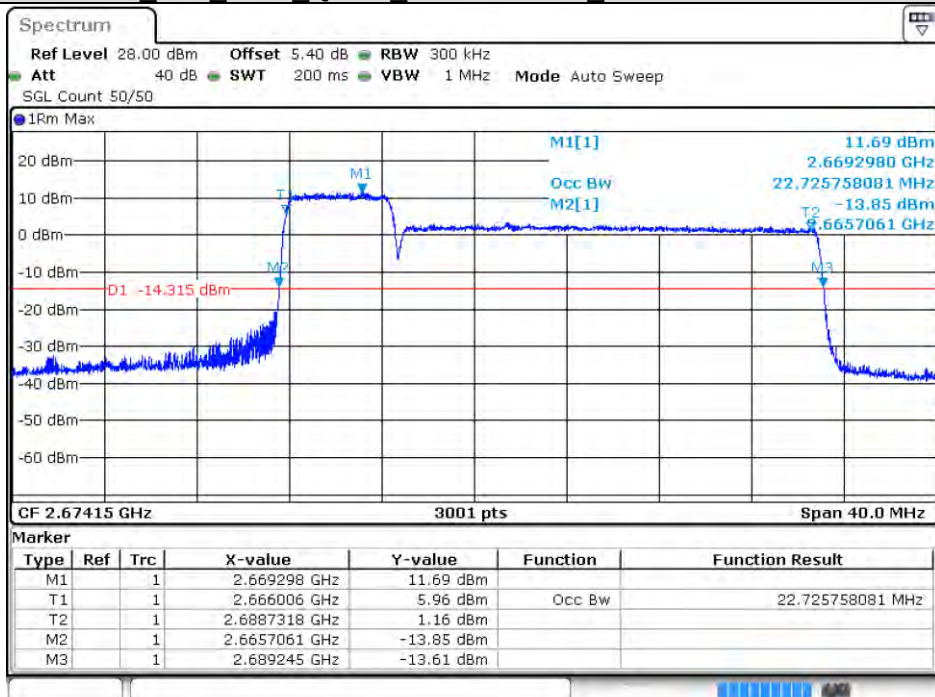


CA 41C 5+20 QPSK 40528+40645 25RB#0+100RB#0



Date: 26.JUL.2021 22:26:23

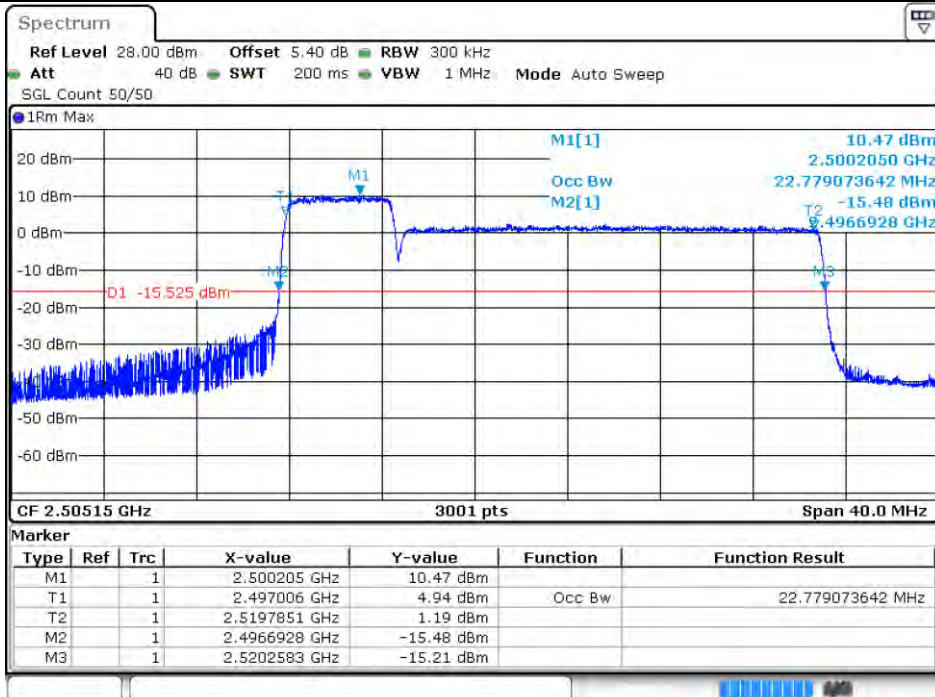
CA 41C 5+20 QPSK 41373+41490 25RB#0+100RB#0



Date: 26.JUL.2021 22:27:18

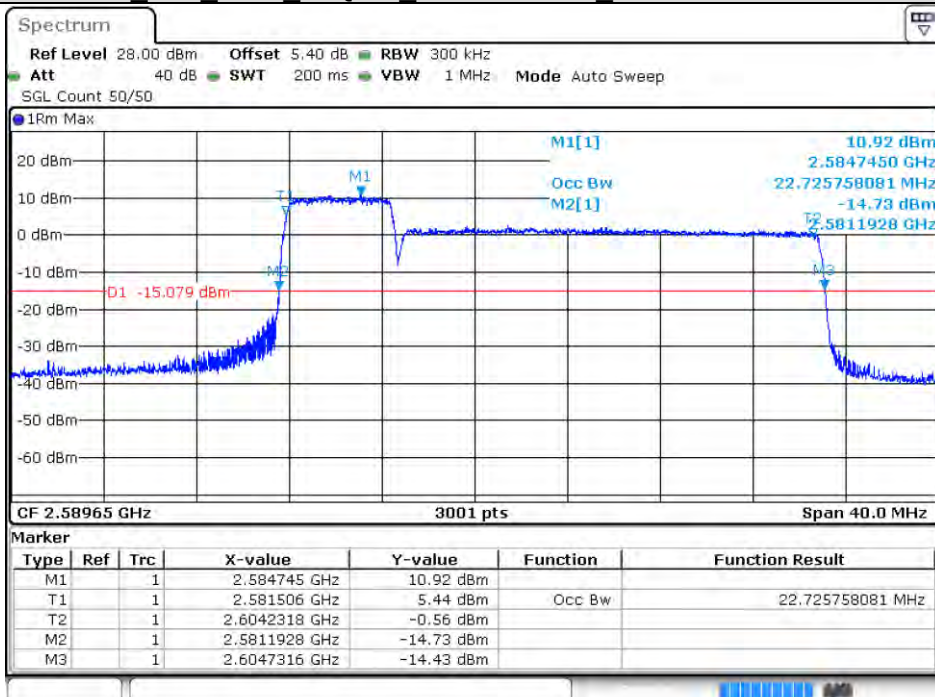


CA 41C 5+20 16QAM 39683+39800 25RB#0+100RB#0



Date: 26 JUL 2021 22:25:44

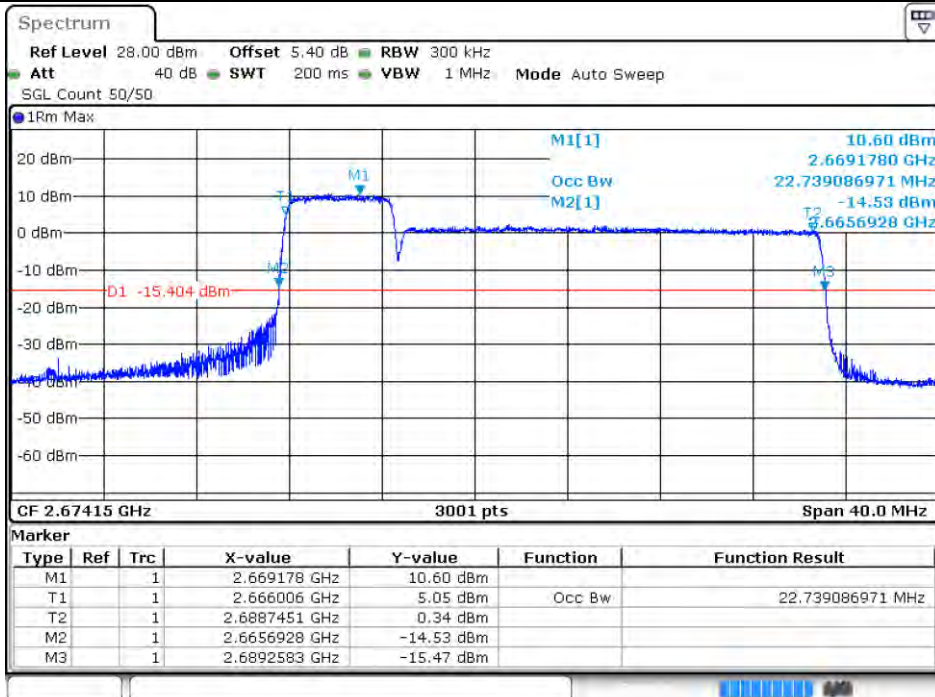
CA 41C 5+20 16QAM 40528+40645 25RB#0+100RB#0



Date: 26 JUL 2021 22:26:40

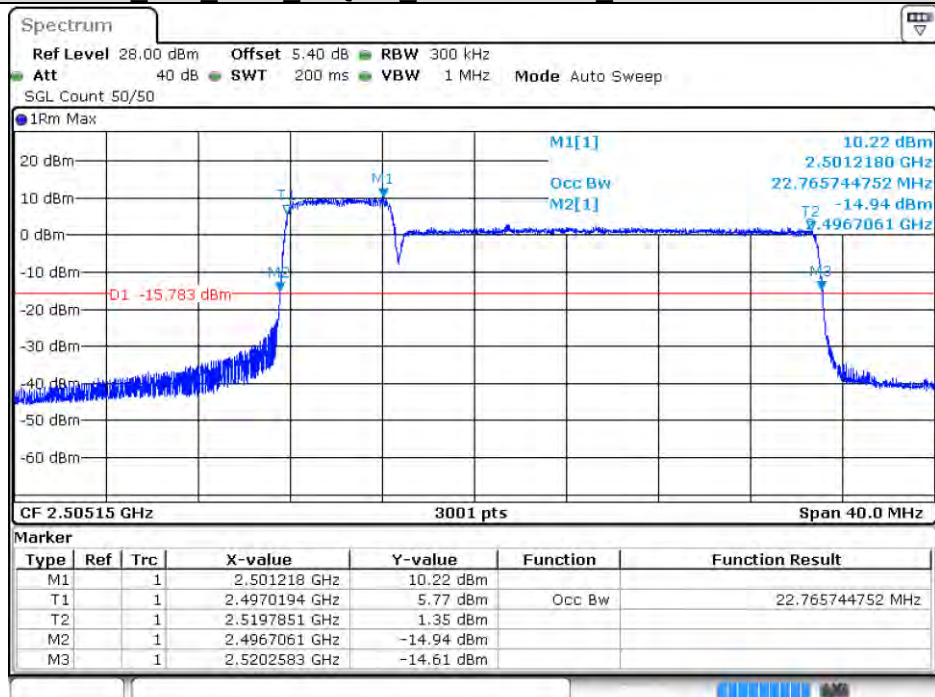


CA 41C 5+20 16QAM 41373+41490 25RB#0+100RB#0



Date: 26 JUL 2021 22:27:35

CA 41C 5+20 64QAM 39683+39800 25RB#0+100RB#0



Date: 26 JUL 2021 22:26:02

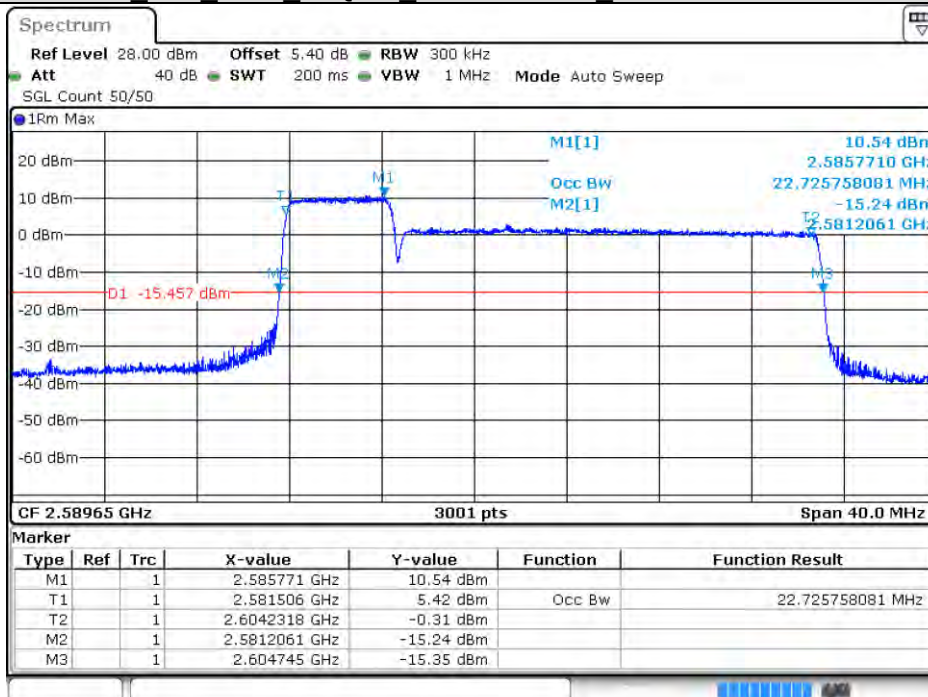


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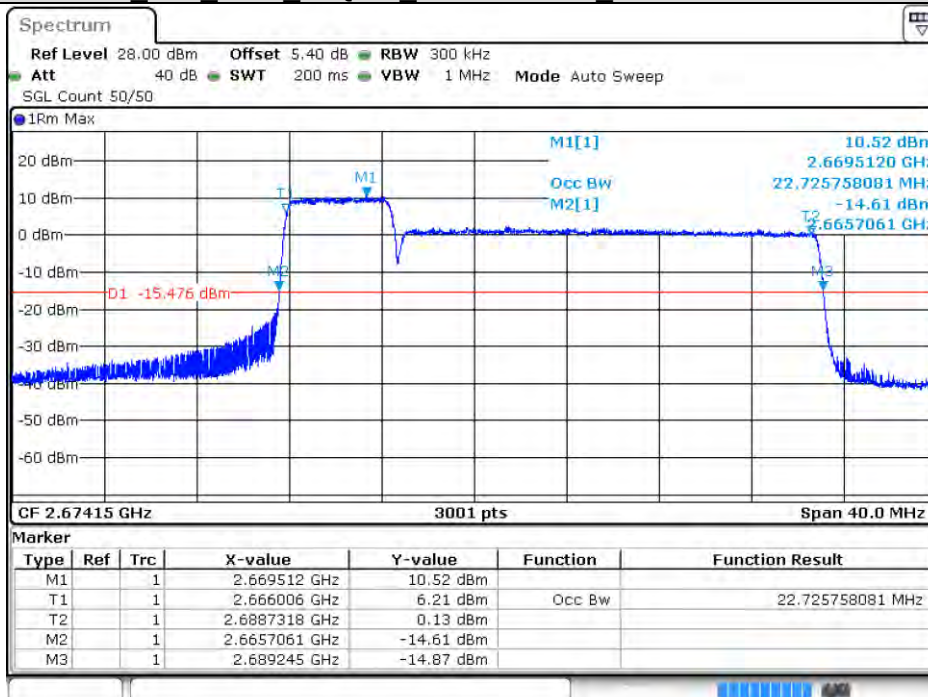
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CA 41C 5+20 64QAM 40528+40645 25RB#0+100RB#0



Date: 26.JUL.2021 22:26:57

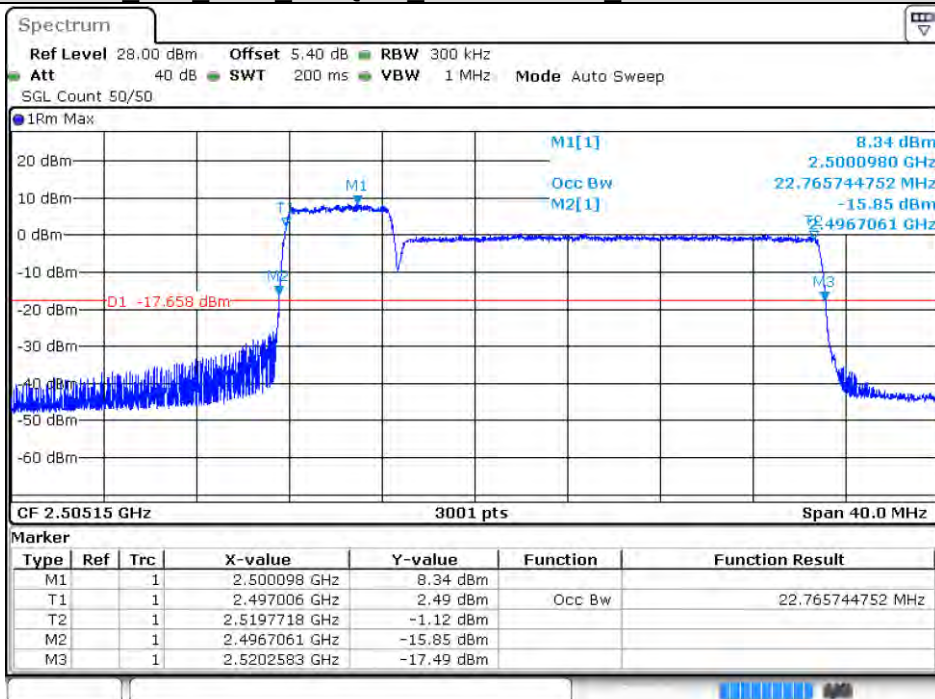
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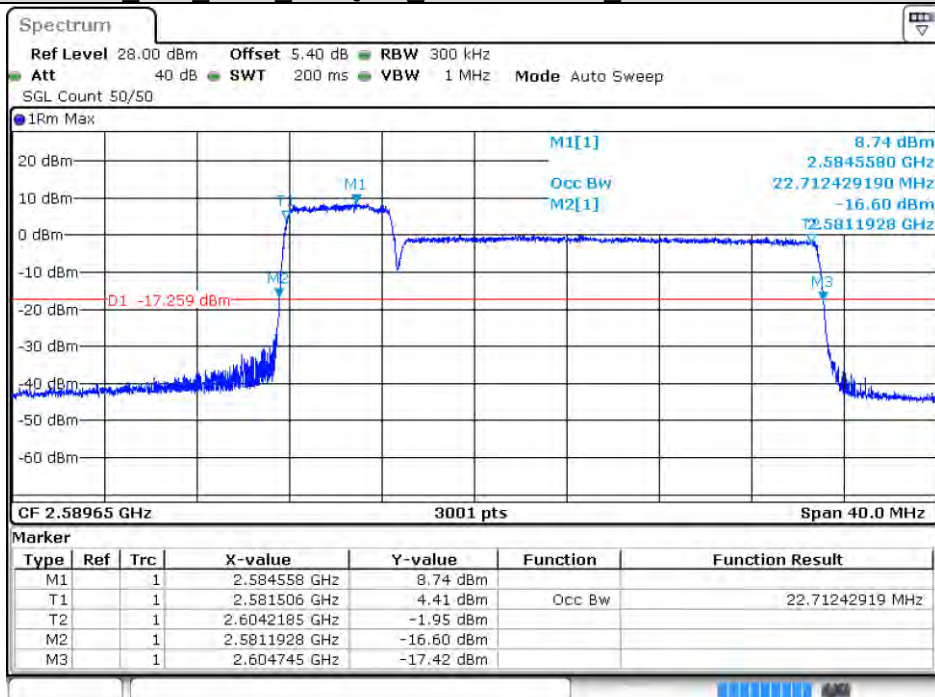


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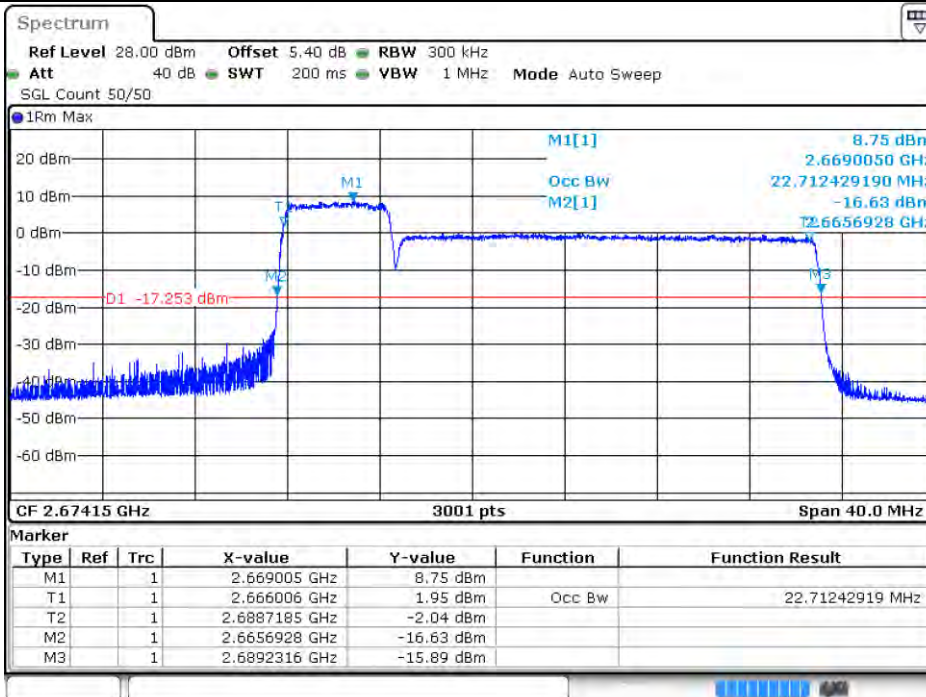
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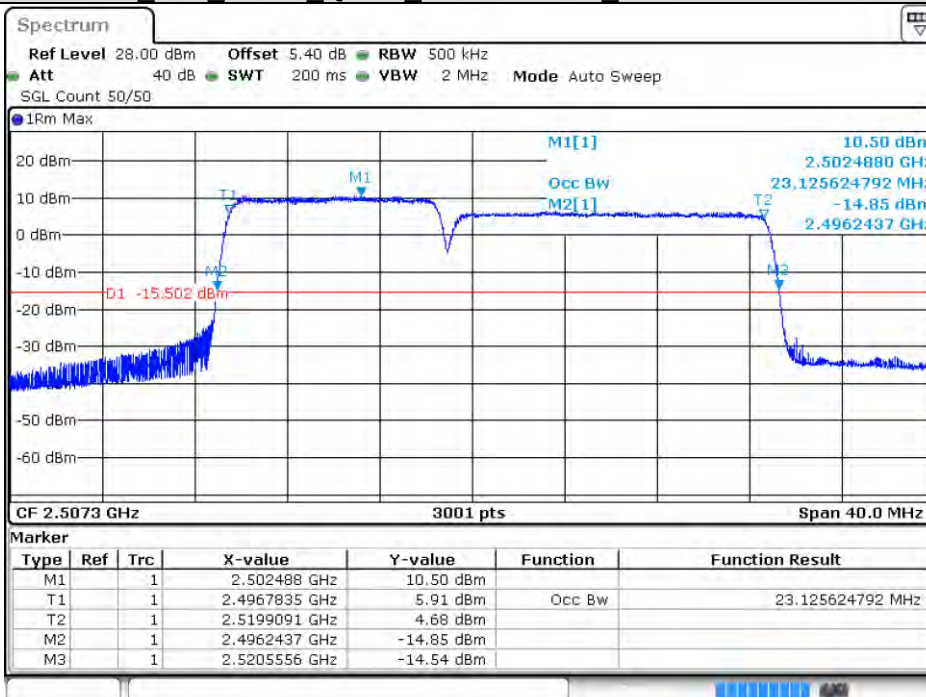


CA 41C 5+20 256QAM 41373+41490 25RB#0+100RB#0



Date: 26 JUL 2021 22:04:15

CA 41C 10+15 QPSK 39703+39823 50RB#0+75RB#0



Date: 27 JUL 2021 08:55:14

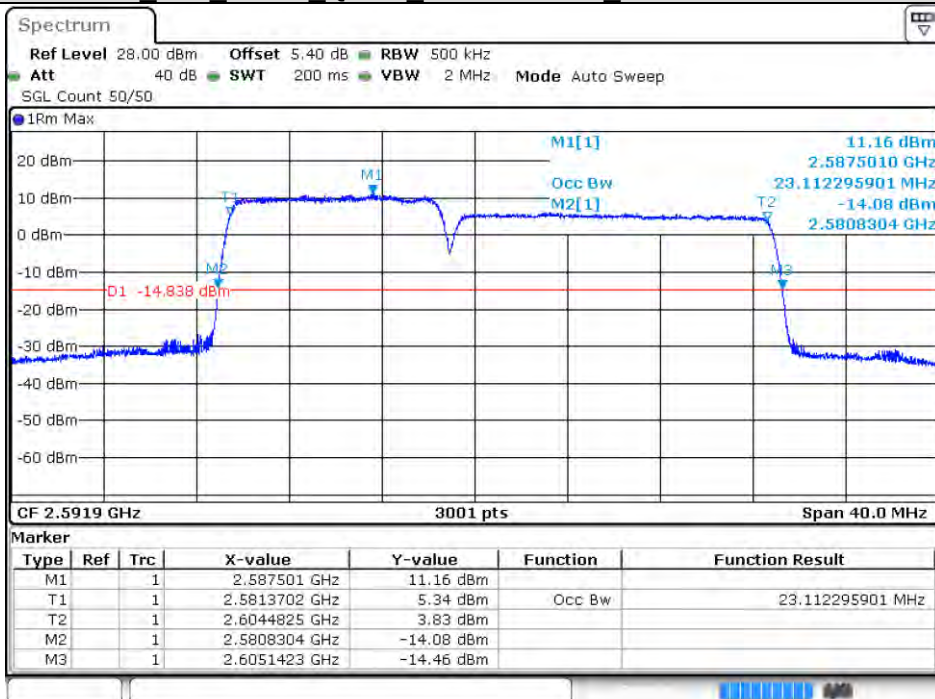


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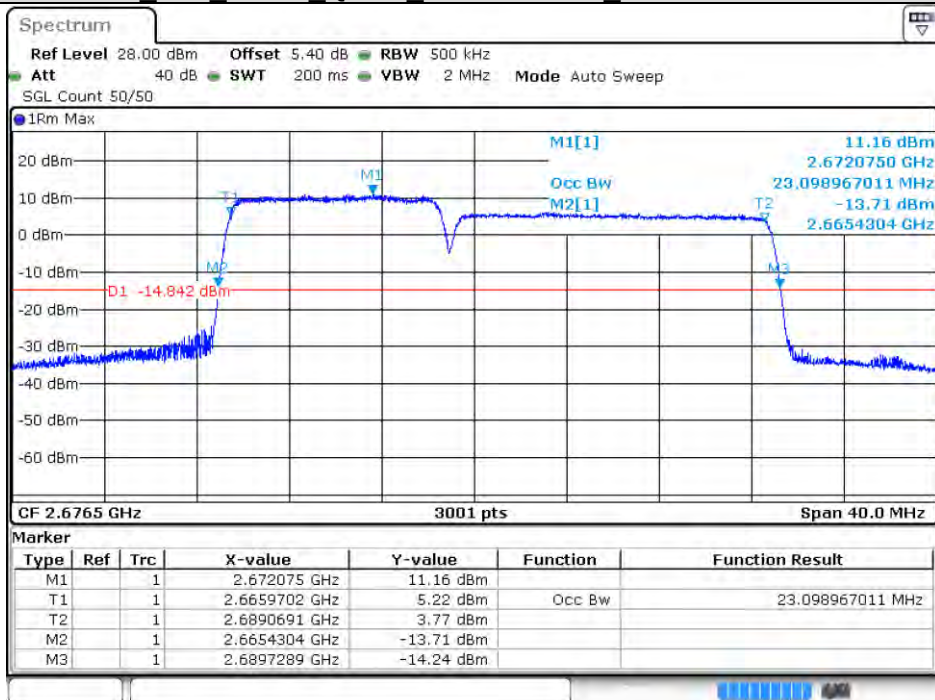
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CA 41C 10+15 QPSK 40549+40669 50RB#0+75RB#0



Date: 27 JUL 2021 08:56:12

CA 41C 10+15 QPSK 41395+41515 50RB#0+75RB#0



Date: 27 JUL 2021 08:57:07

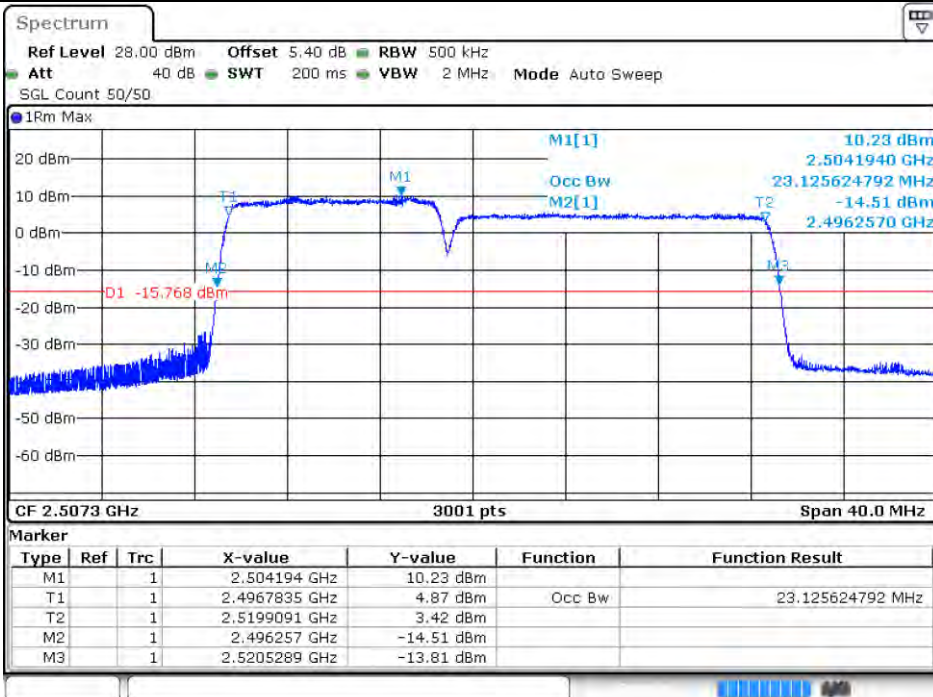


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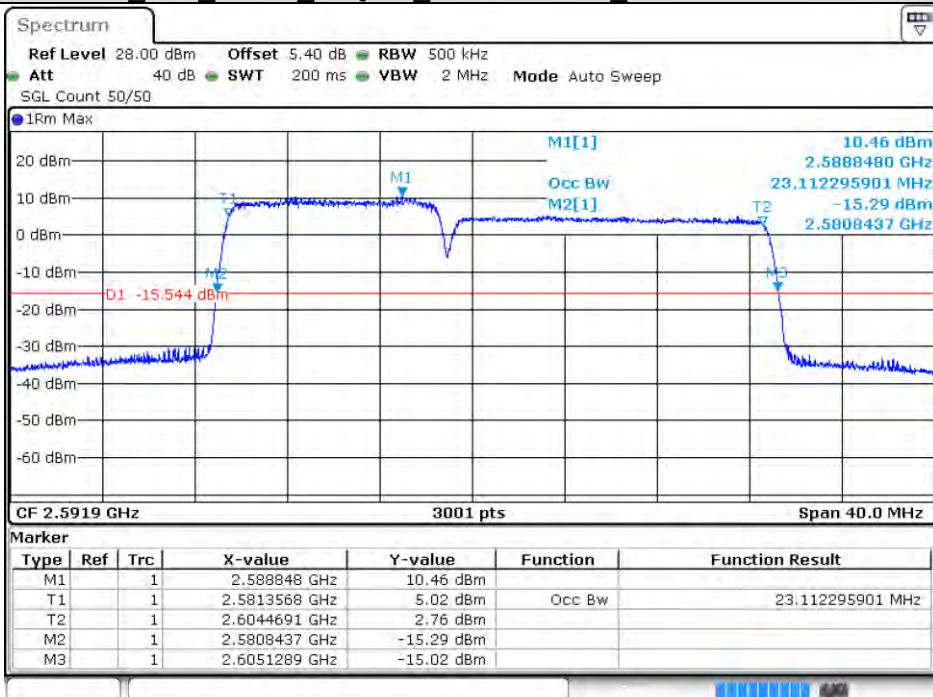
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CA 41C 10+15 16QAM 39703+39823 50RB#0+75RB#0



Date: 27. JUL. 2021 08:55:31

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Date: 27. JUL. 2021 08:56:29

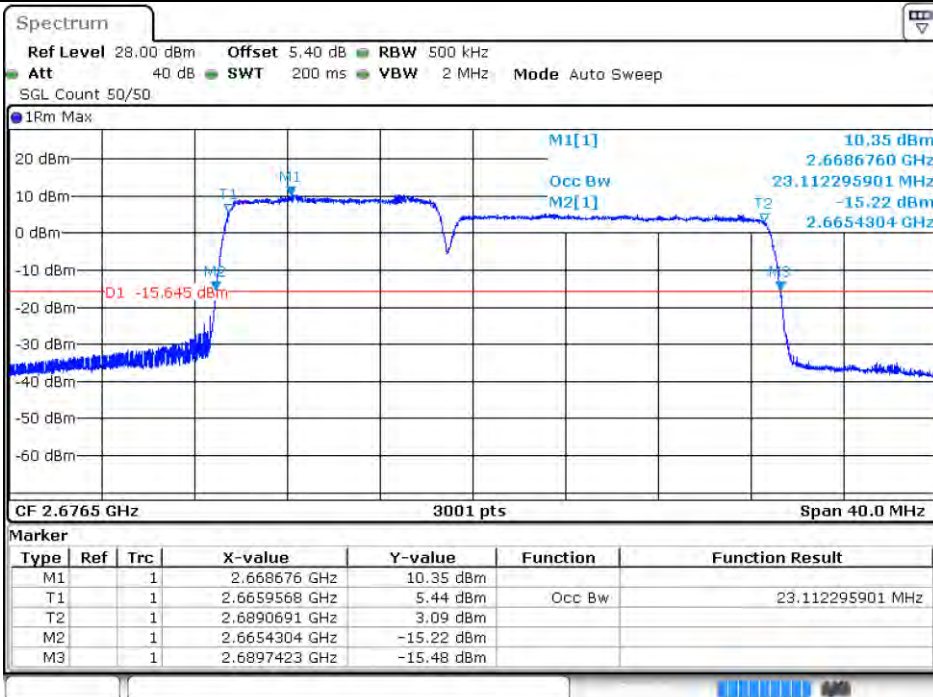


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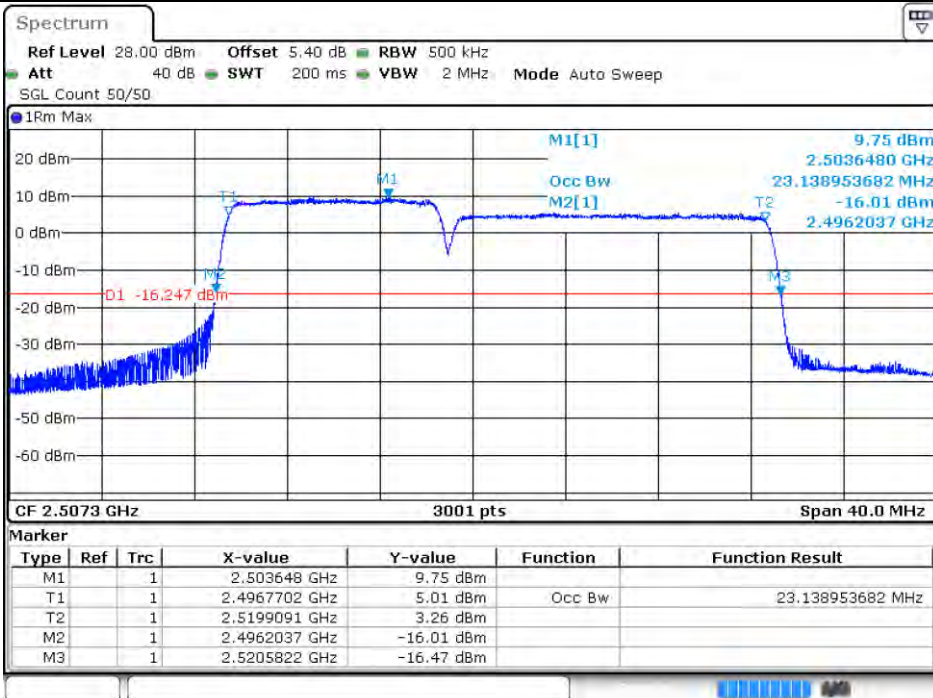
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CA 41C 10+15 16QAM 41395+41515 50RB#0+75RB#0



Date: 27. JUL. 2021 08:57:24

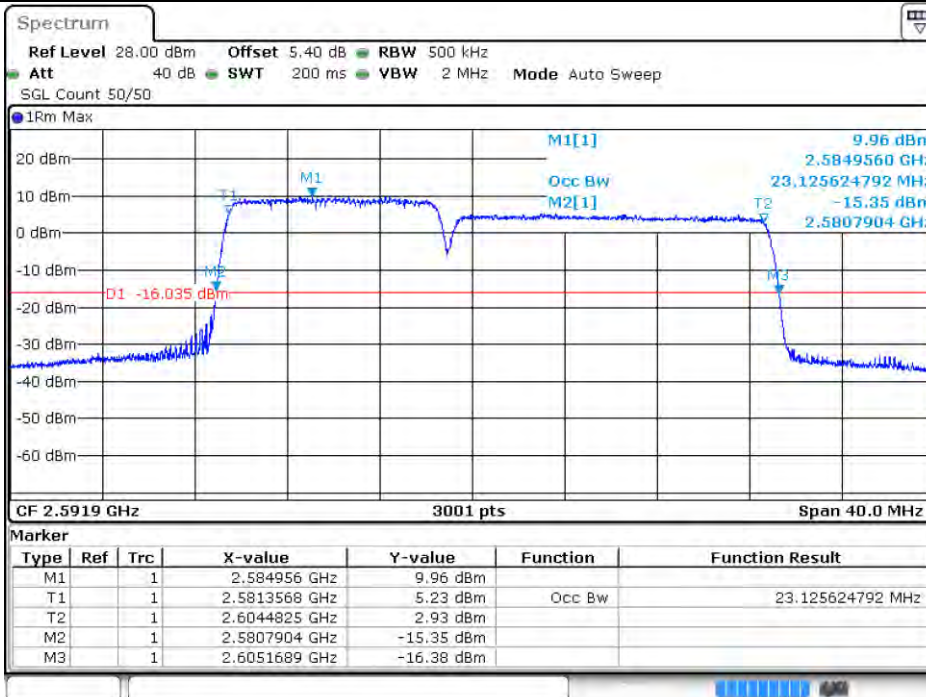
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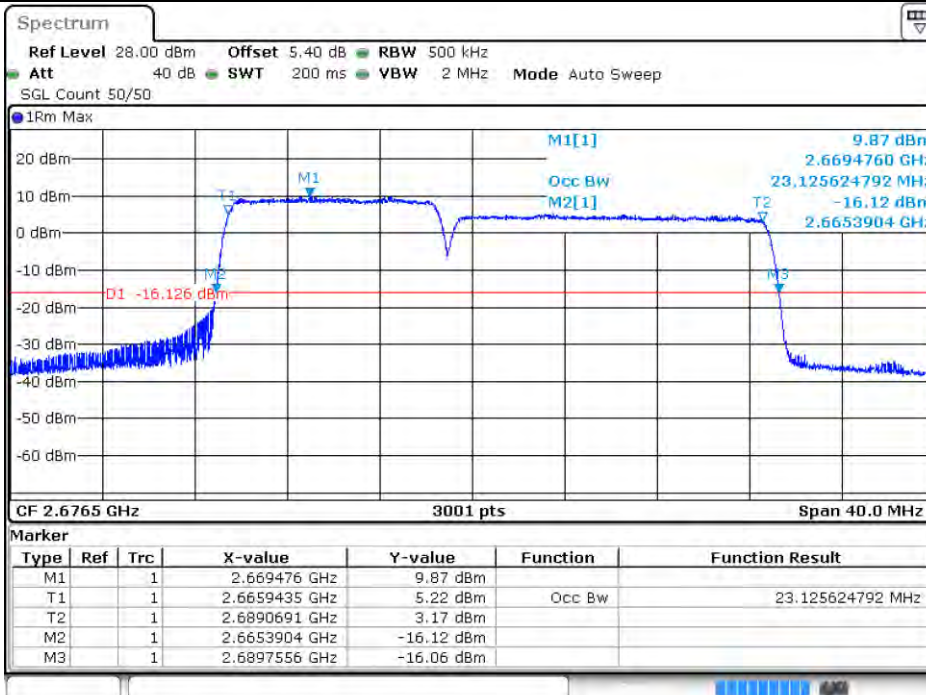


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Date: 27 JUL 2021 08:56:46

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Date: 27 JUL 2021 08:57:41



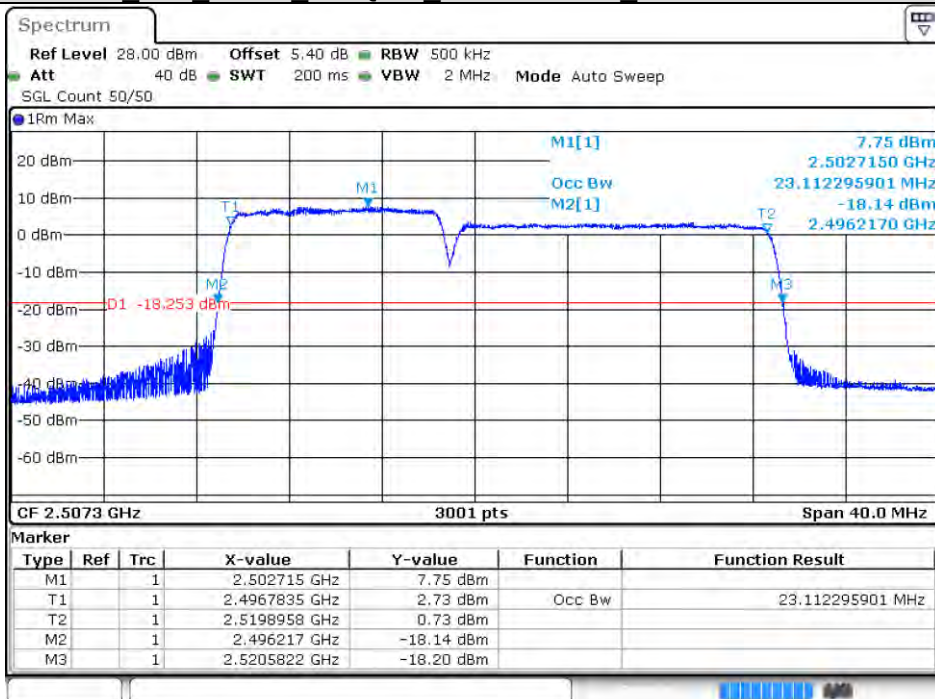
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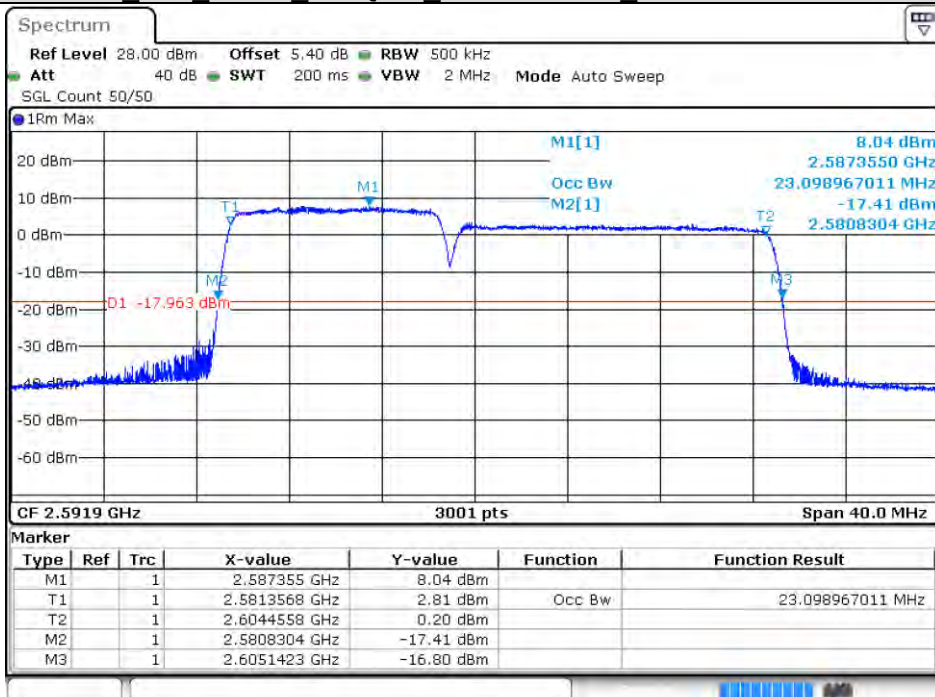
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CA 41C 10+15 256QAM 39703+39823 50RB#0+75RB#0



Date: 26 JUL 2021 22:04:47

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Date: 26 JUL 2021 22:05:17

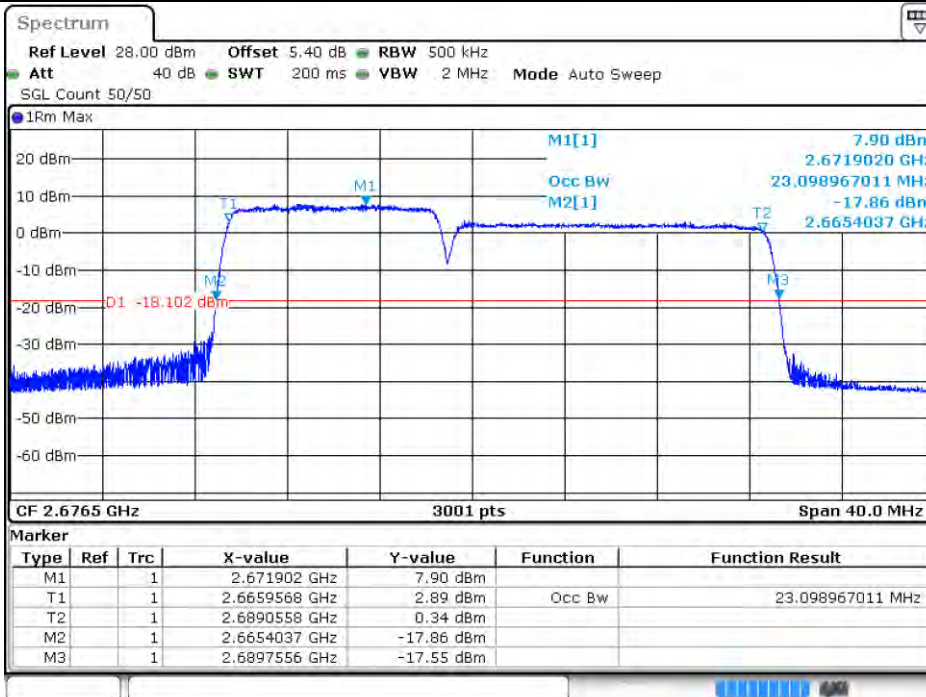


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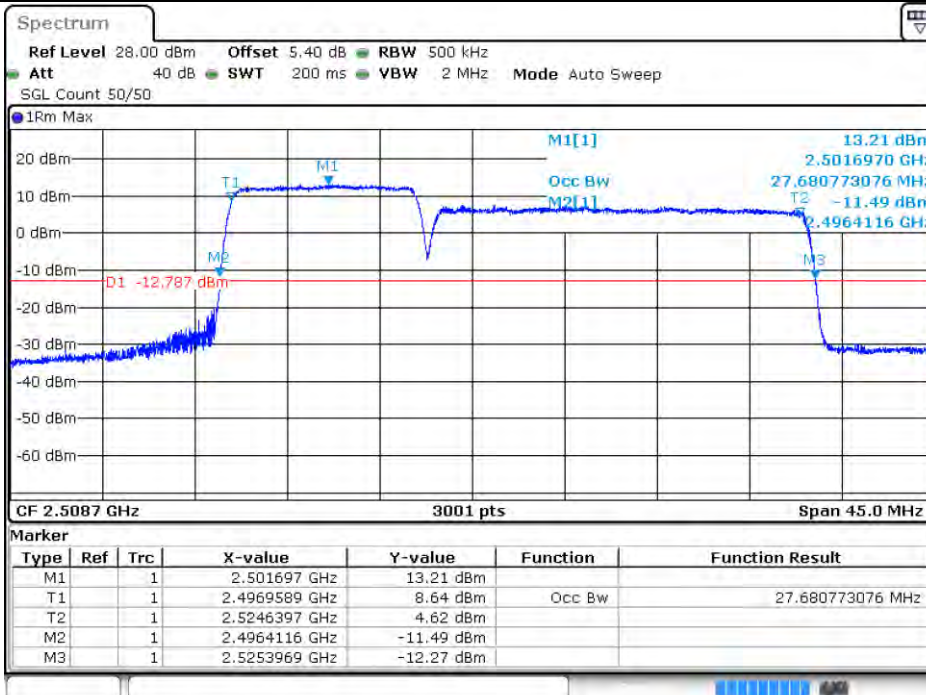
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CA 41C 10+15 256QAM 41395+41515 50RB#0+75RB#0



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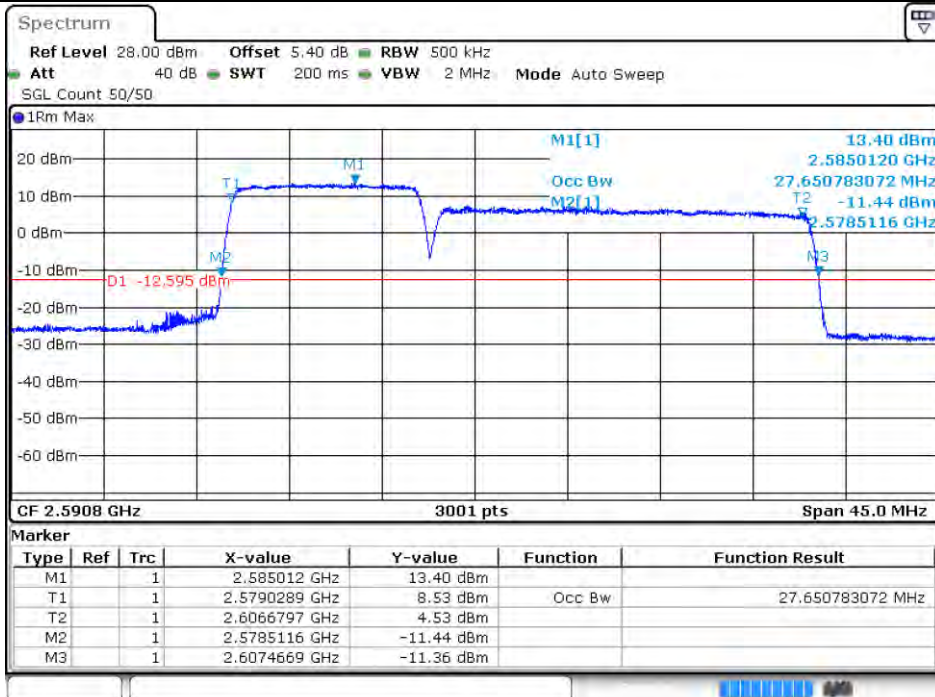
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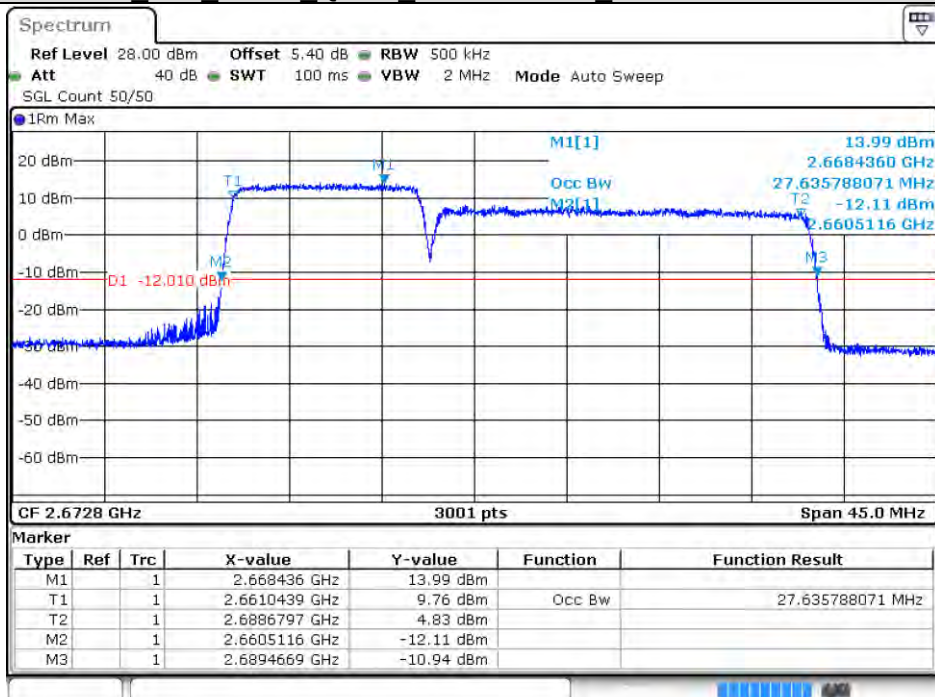


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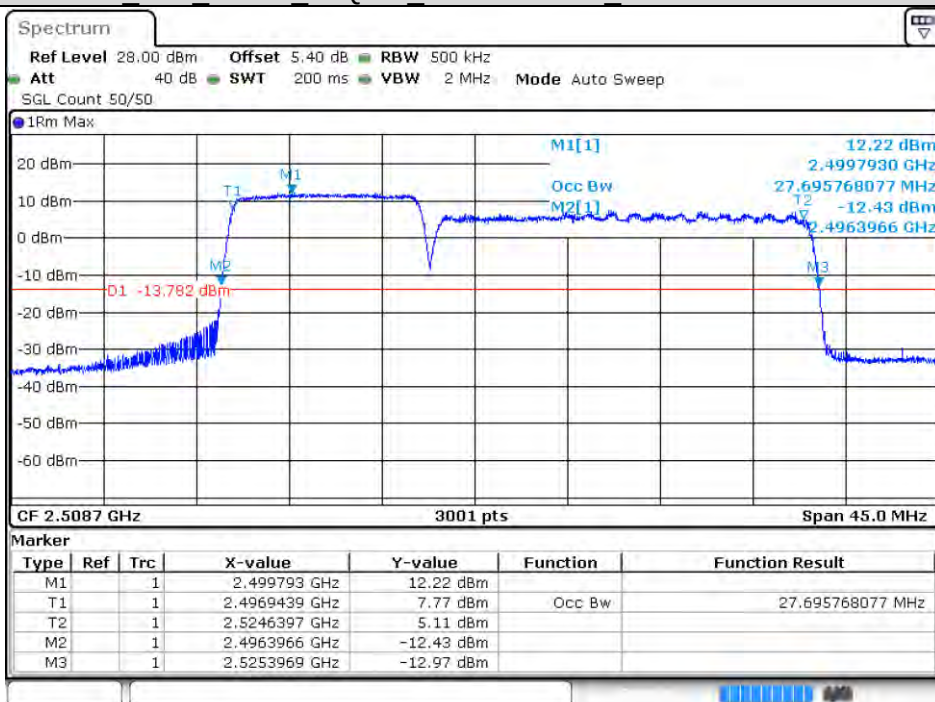
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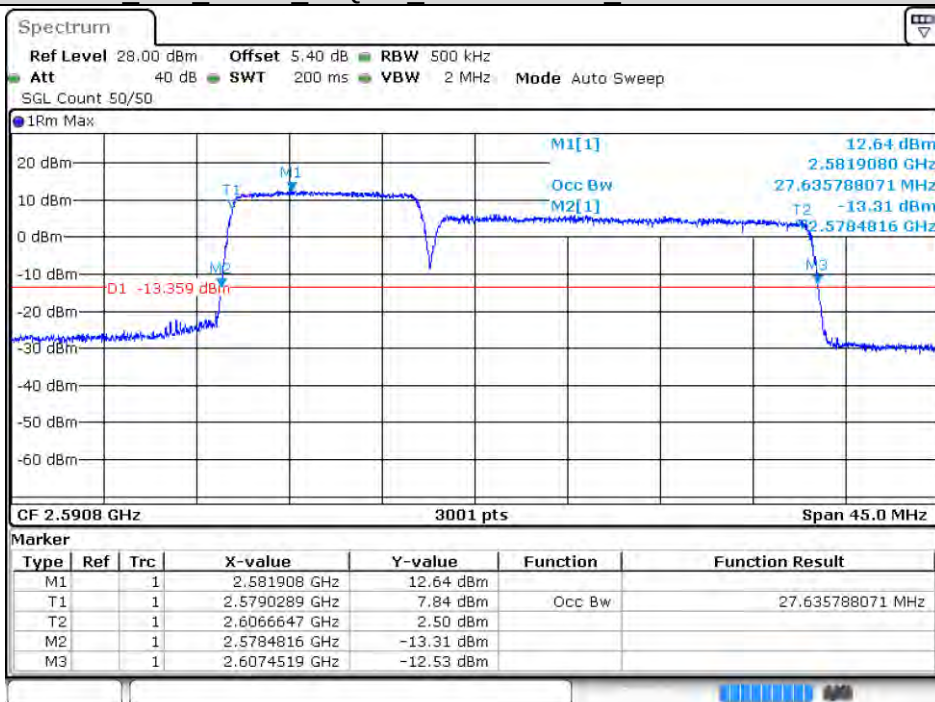


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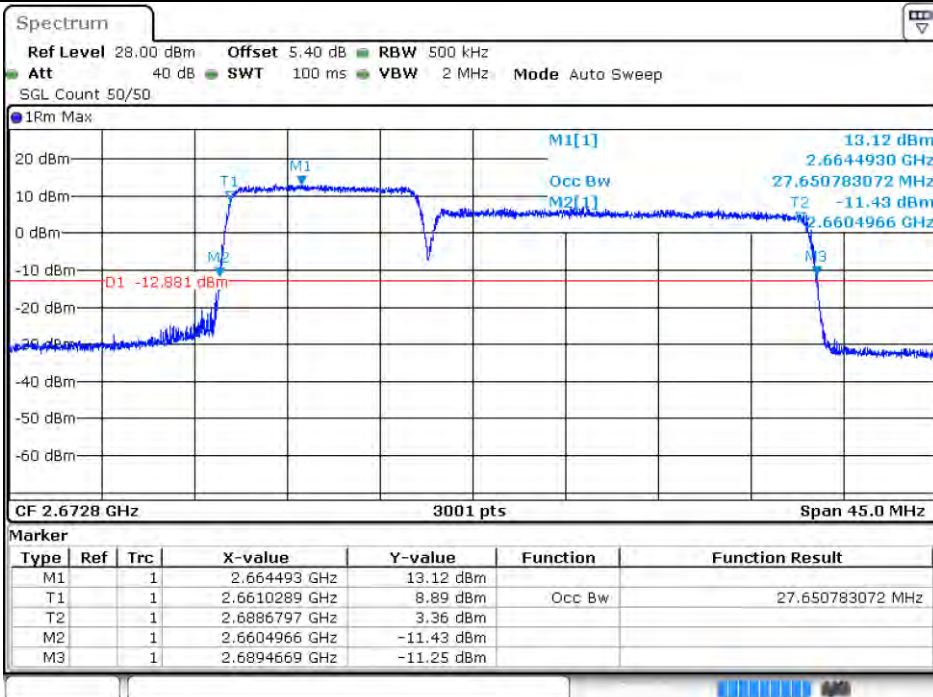


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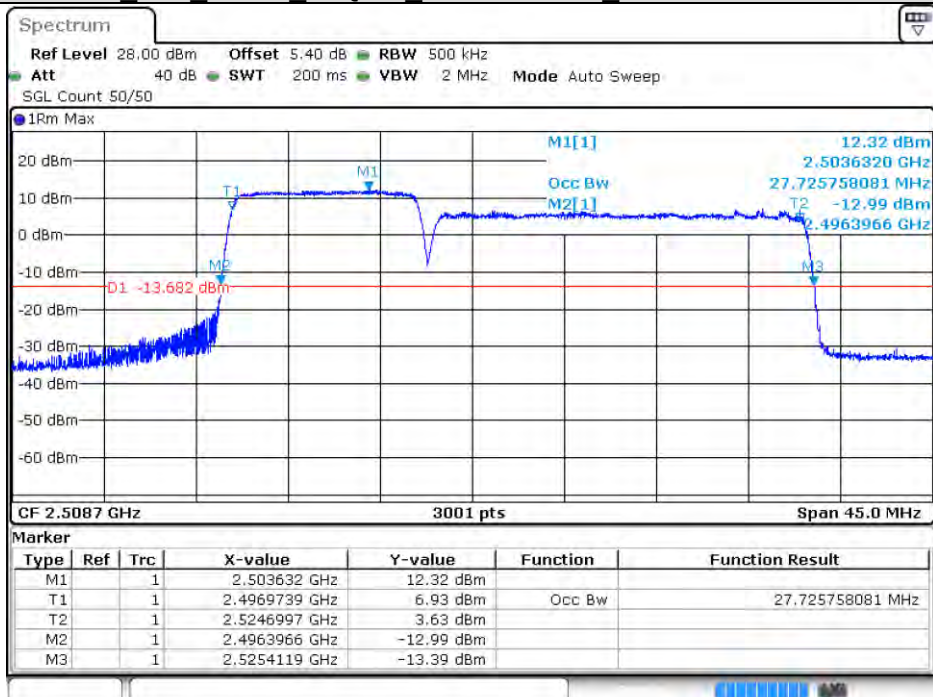
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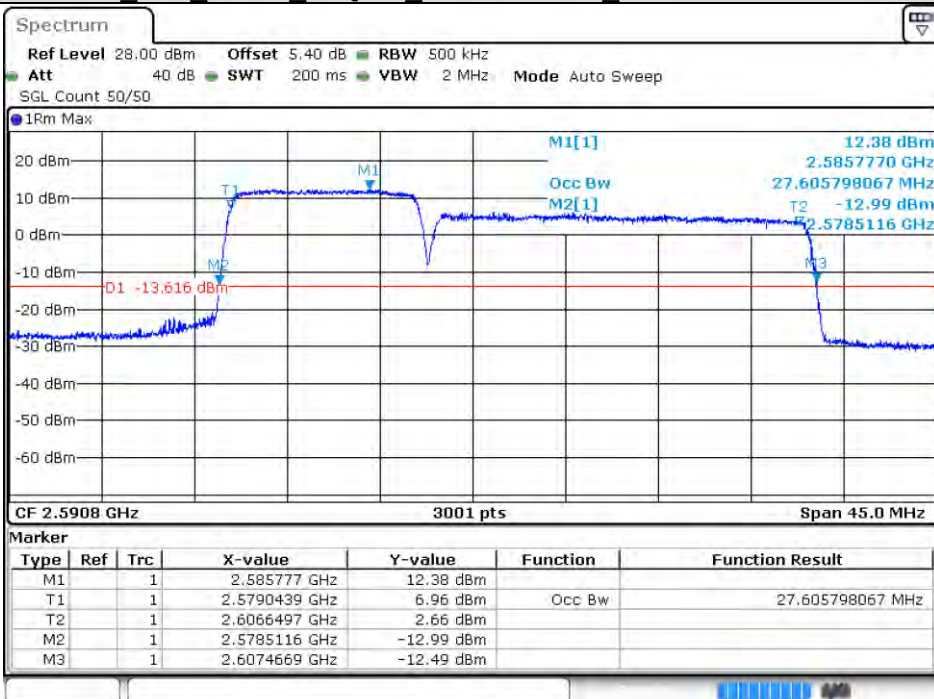
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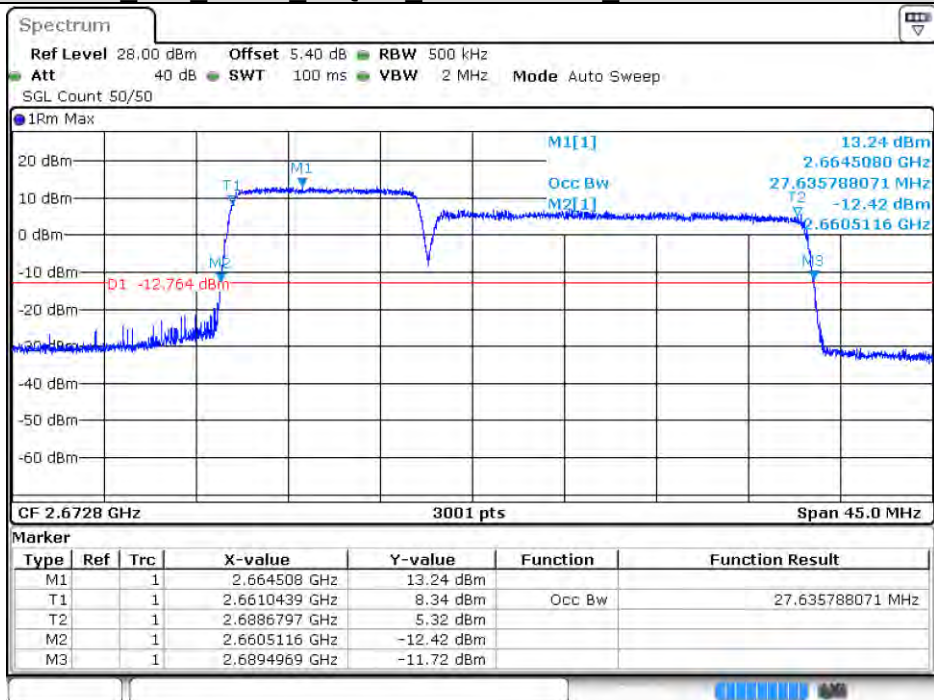


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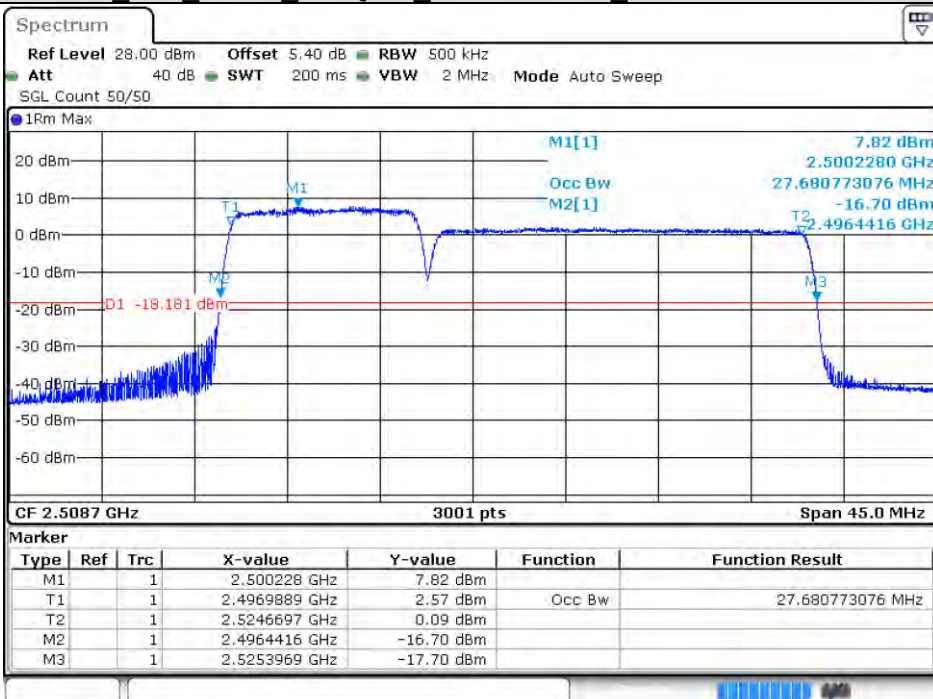
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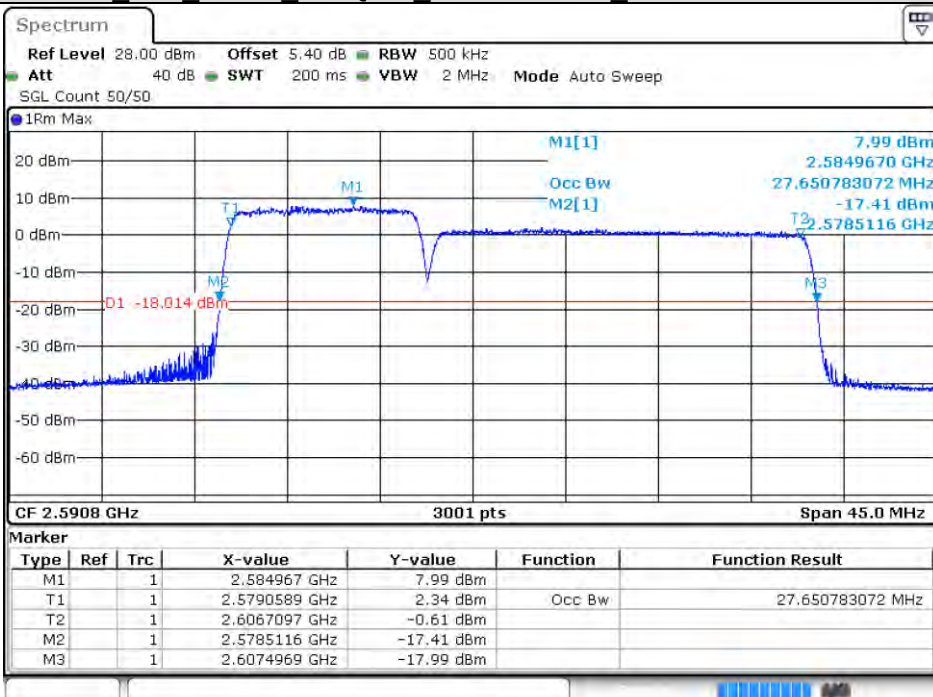


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Date: 26 JUL 2021 22:07:36

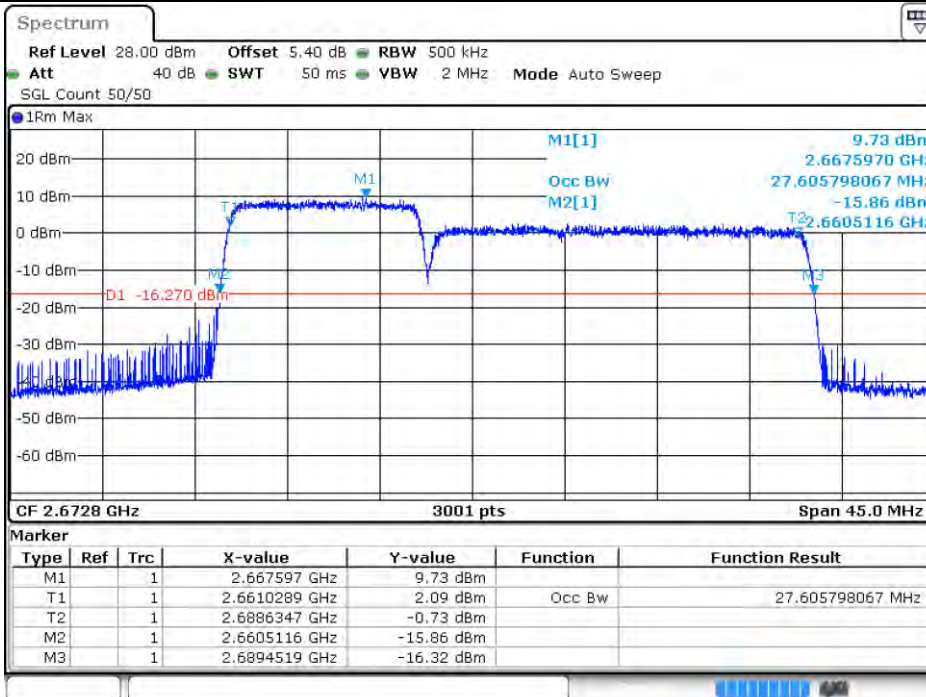
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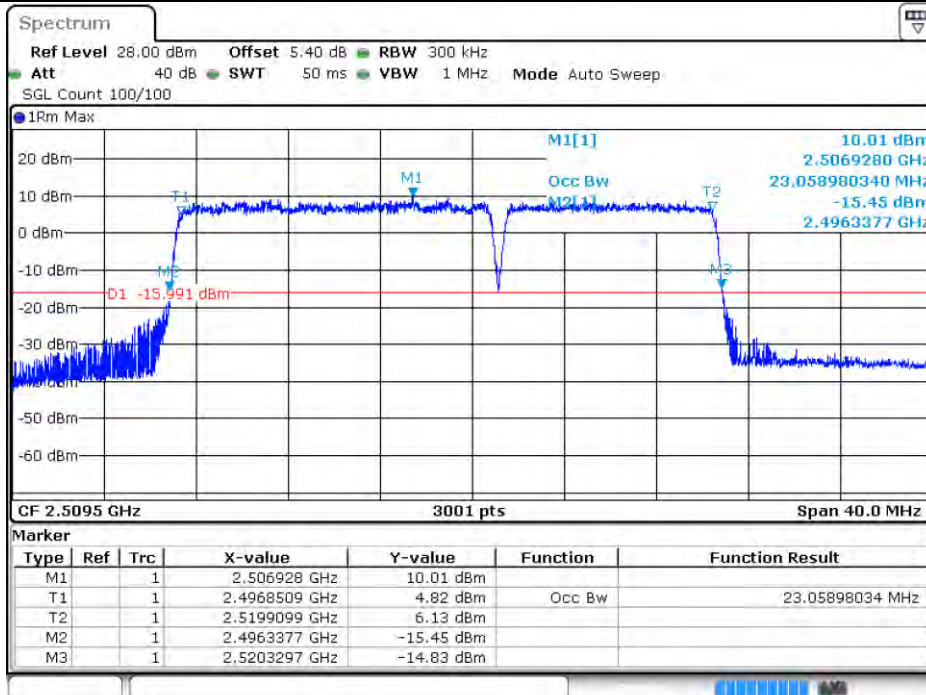


CA 41C 10+20 256QAM 41346+41490 50RB#0+100RB#0



Date: 27 JUL 2021 10:44:09

CA 41C 15+10 QPSK 39725+39845 75RB#0+50RB#0



Date: 27 JUL 2021 08:58:09

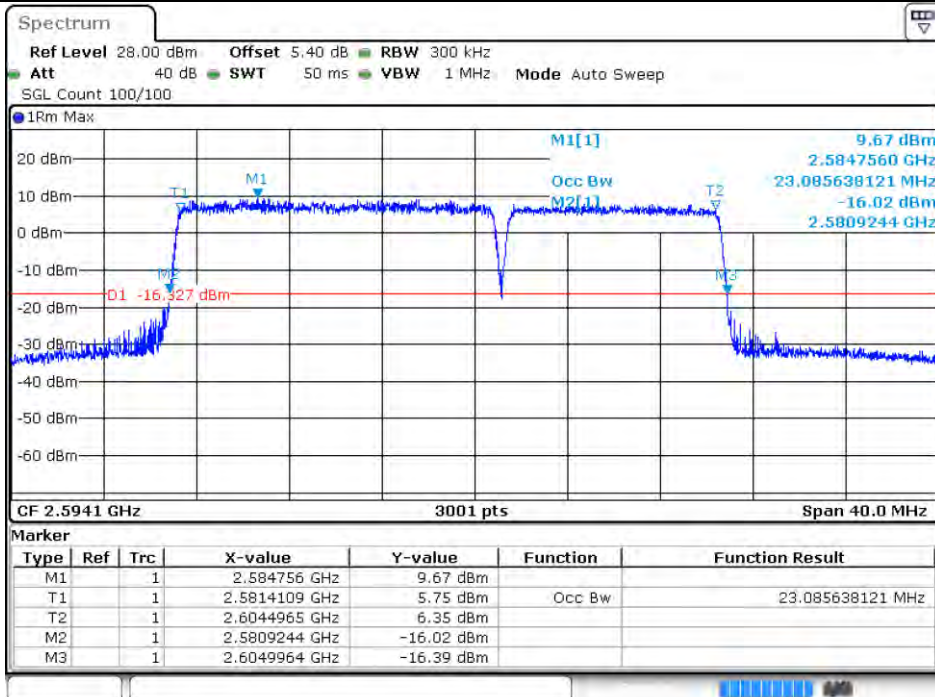


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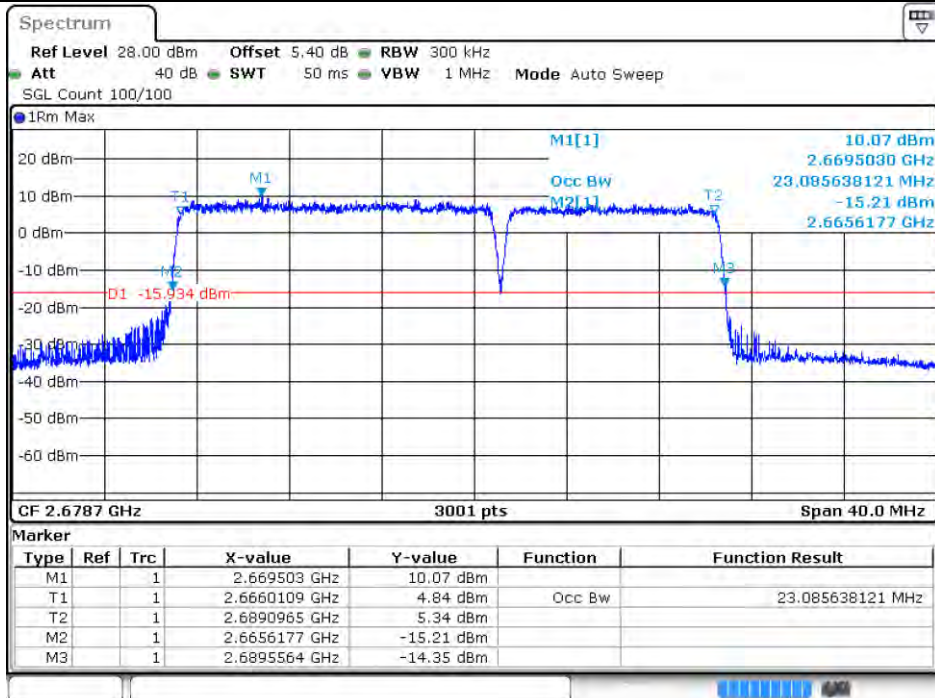
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CA 41C 15+10 QPSK 40571+40691 75RB#0+50RB#0



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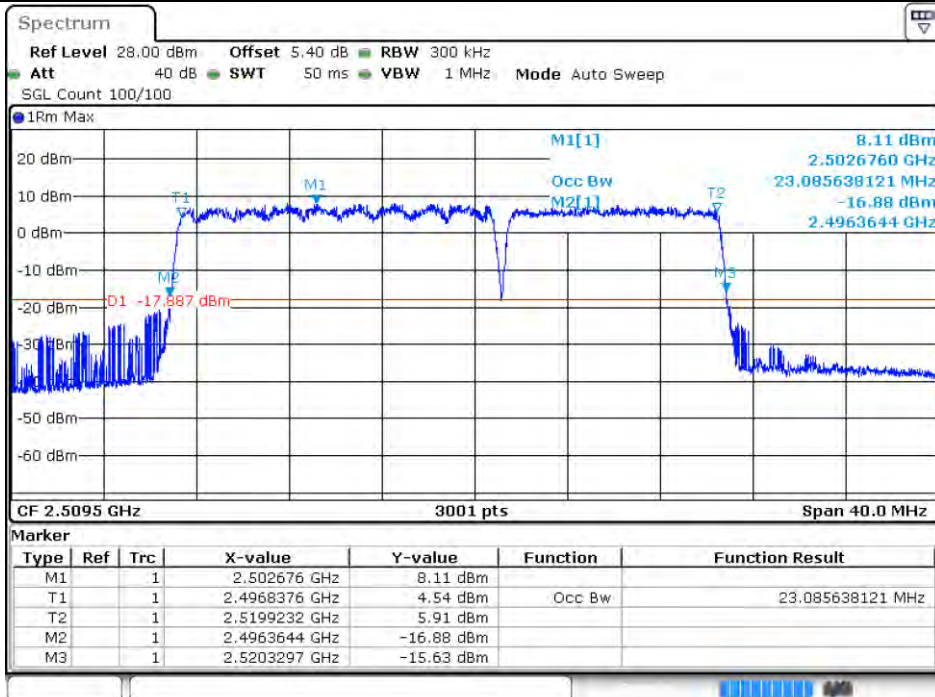
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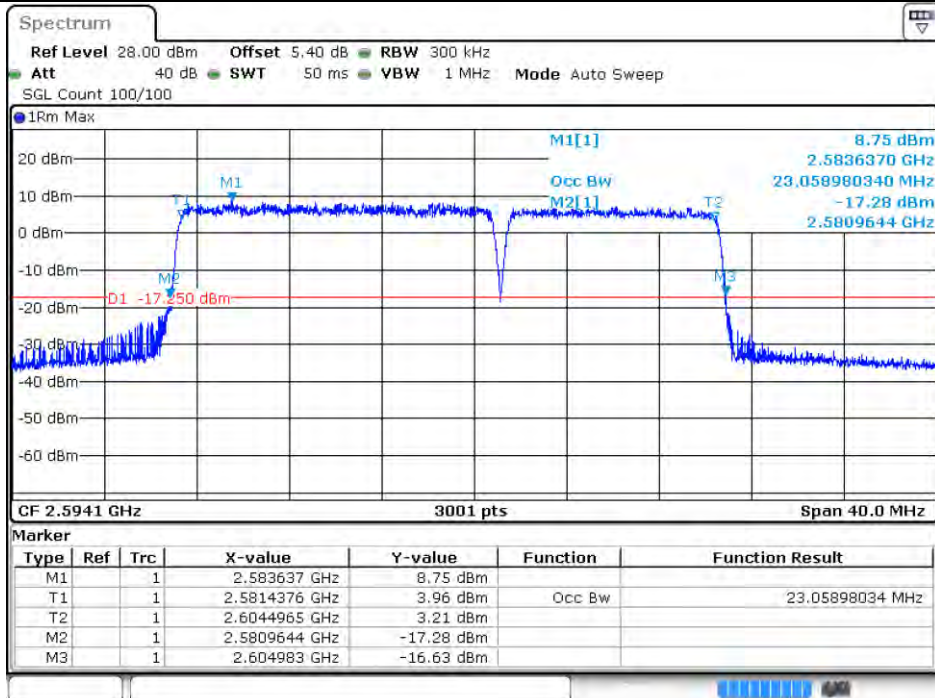


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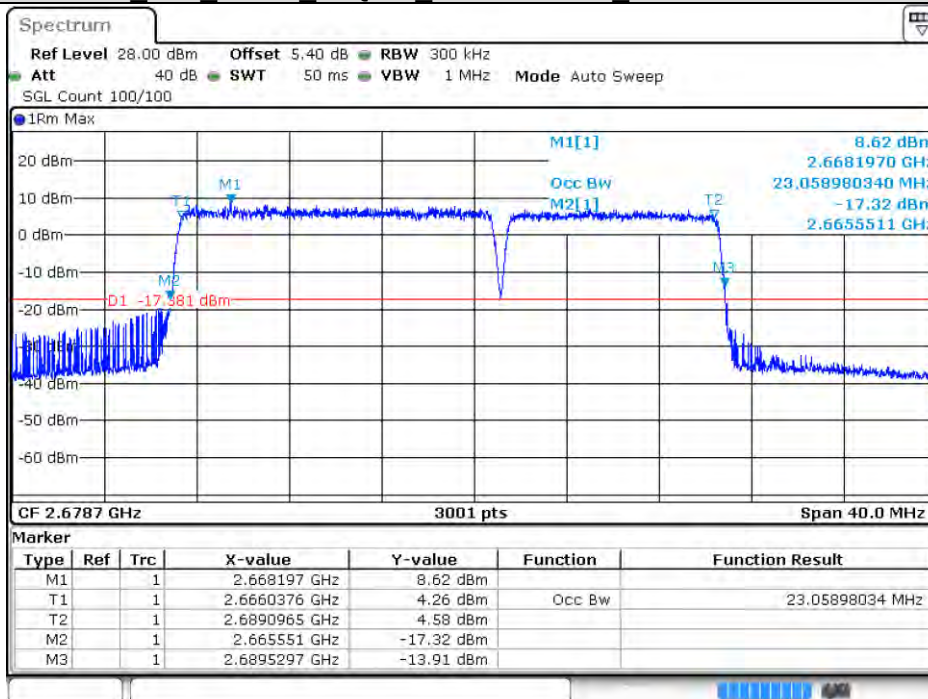
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Date: 27 JUL 2021 08:59:01

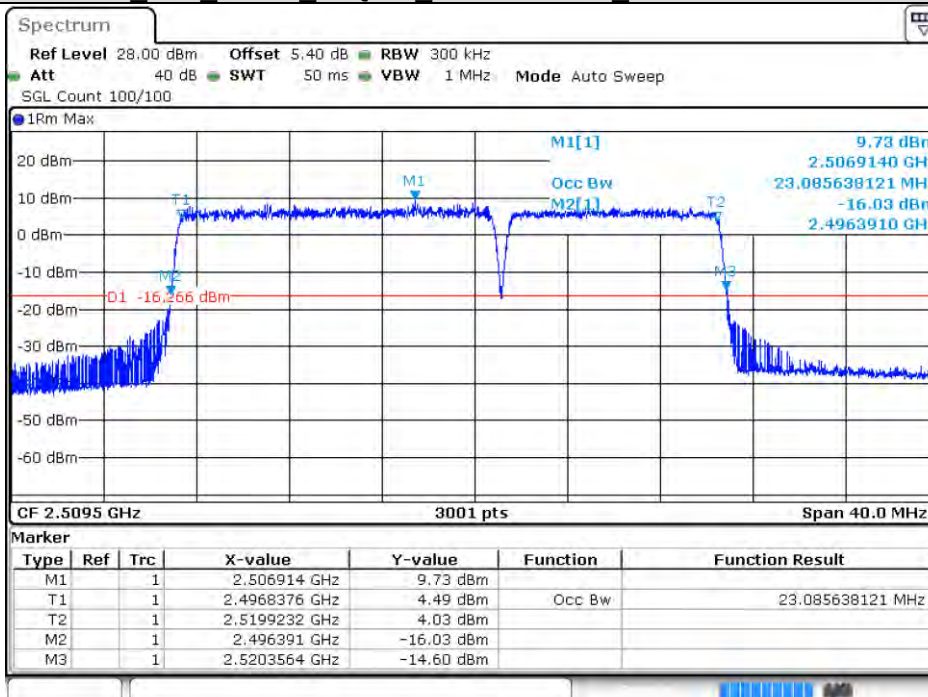


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Date: 27 JUL 2021 08:59:42

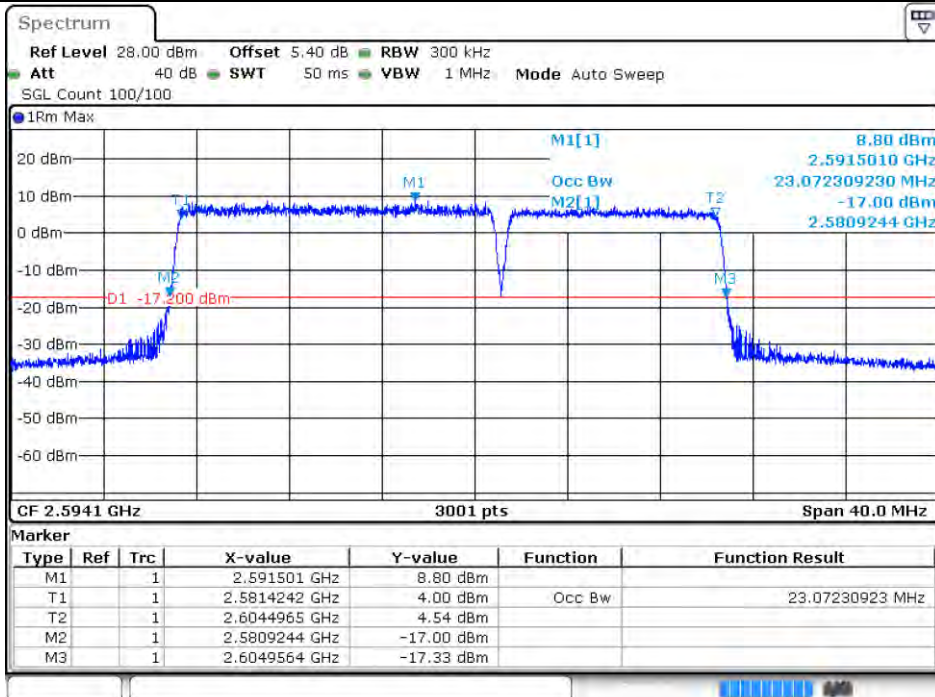
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Date: 27 JUL 2021 08:58:33

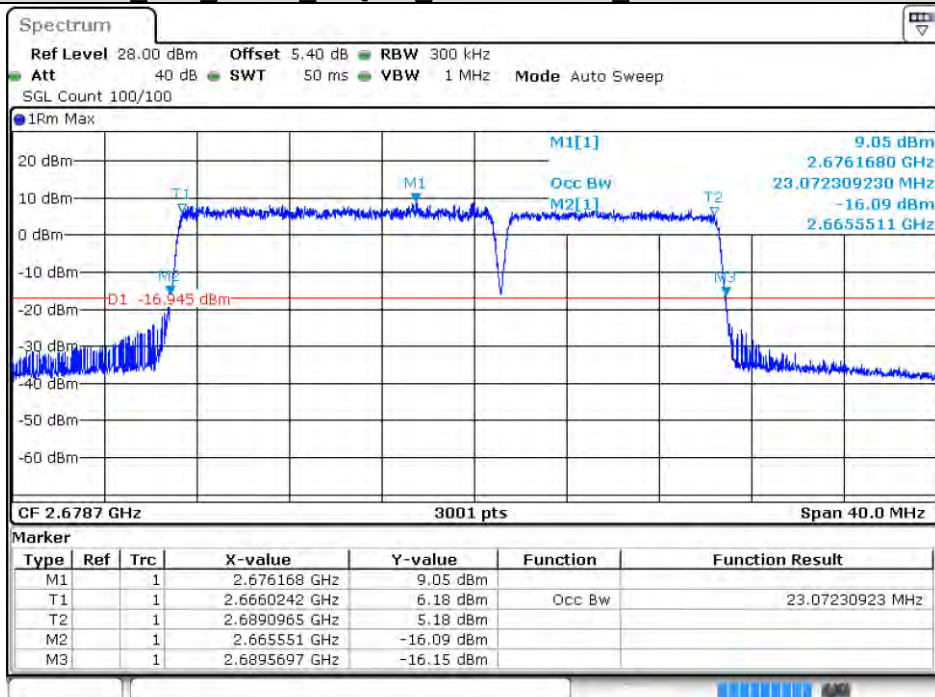


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Date: 27 JUL 2021 08:59:13

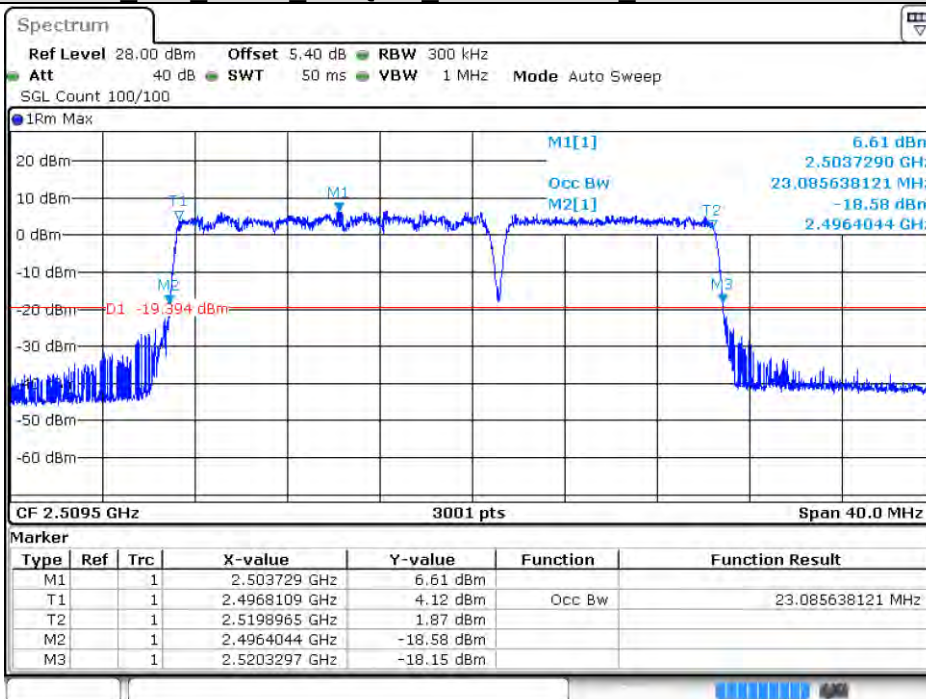
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Date: 27 JUL 2021 08:59:54

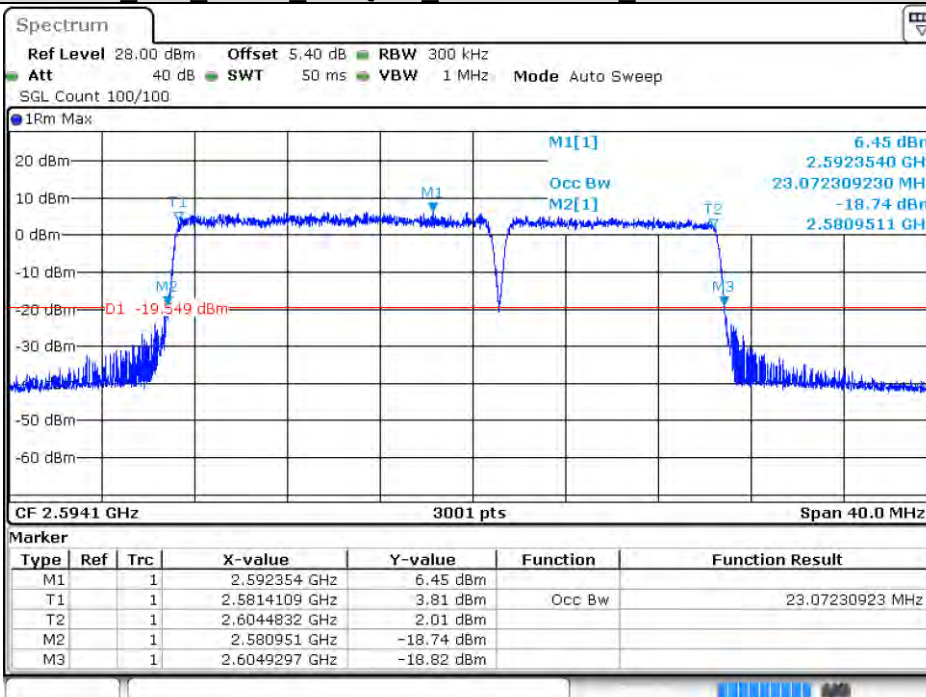


CA 41C 15+10 256QAM 39725+39845 75RB#0+50RB#0



Date: 26.JUL.2021 22:06:14

CA 41C 15+10 256QAM 40571+40691 75RB#0+50RB#0



Date: 26.JUL.2021 22:06:39

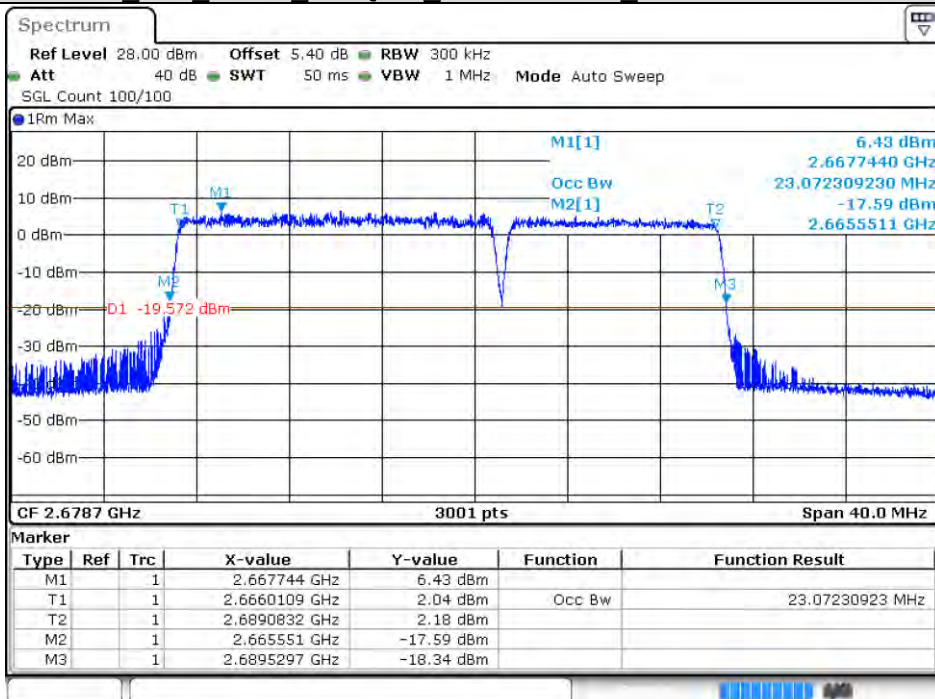


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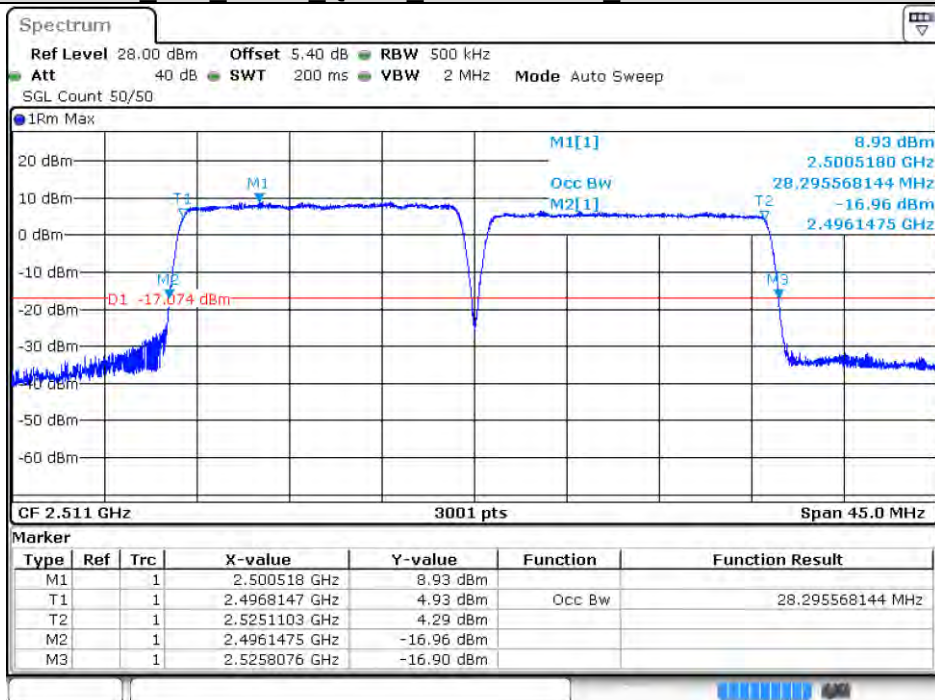
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CA 41C 15+10 256QAM 41417+41537 75RB#0+50RB#0



Date: 26 JUL 2021 22:07:04

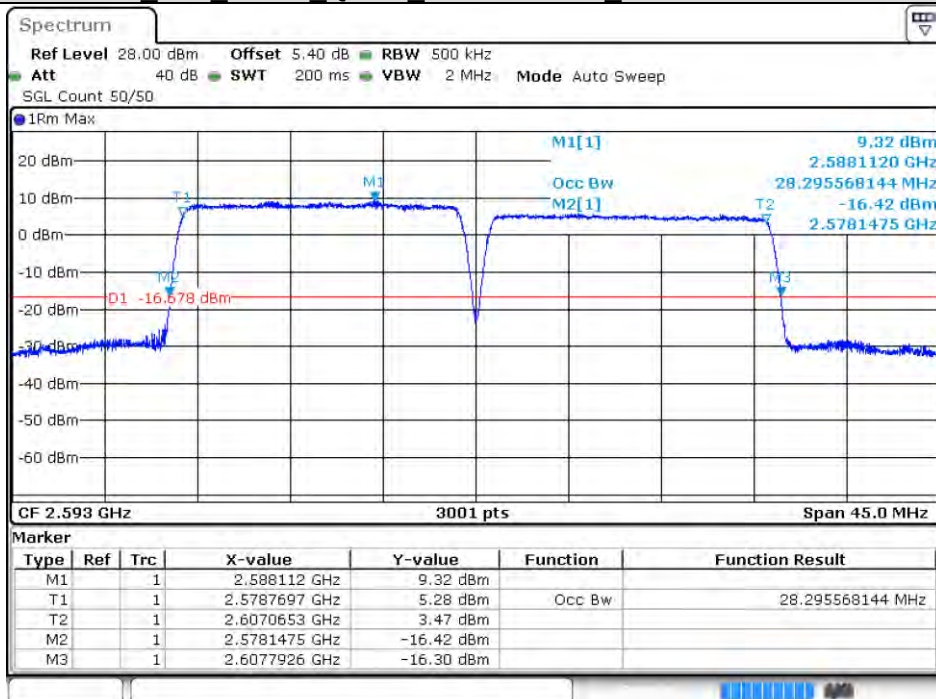
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Date: 27 JUL 2021 09:14:25

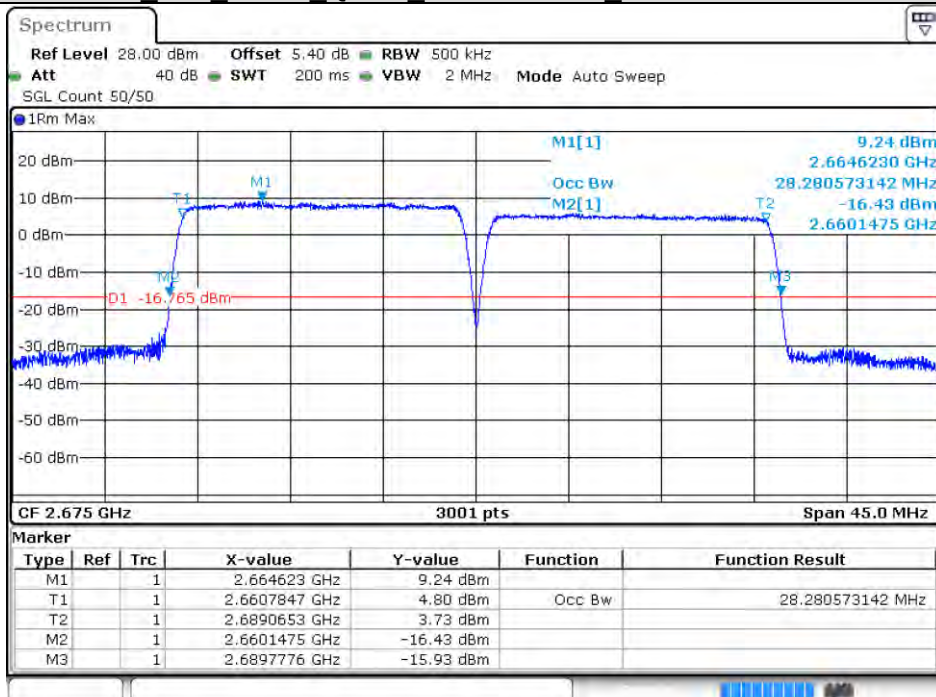


CA 41C 15+15 QPSK 40545+40695 75RB#0+75RB#0



Date: 27. JUL. 2021 09:17:51

CA 41C 15+15 QPSK 41365+41515 75RB#0+75RB#0



Date: 27. JUL. 2021 09:18:45



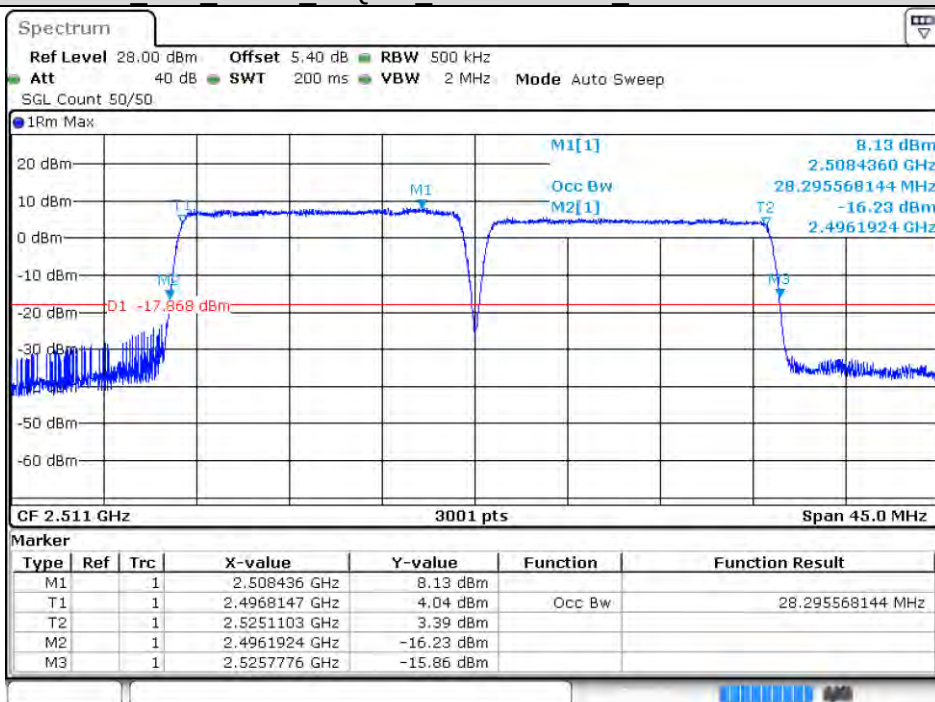
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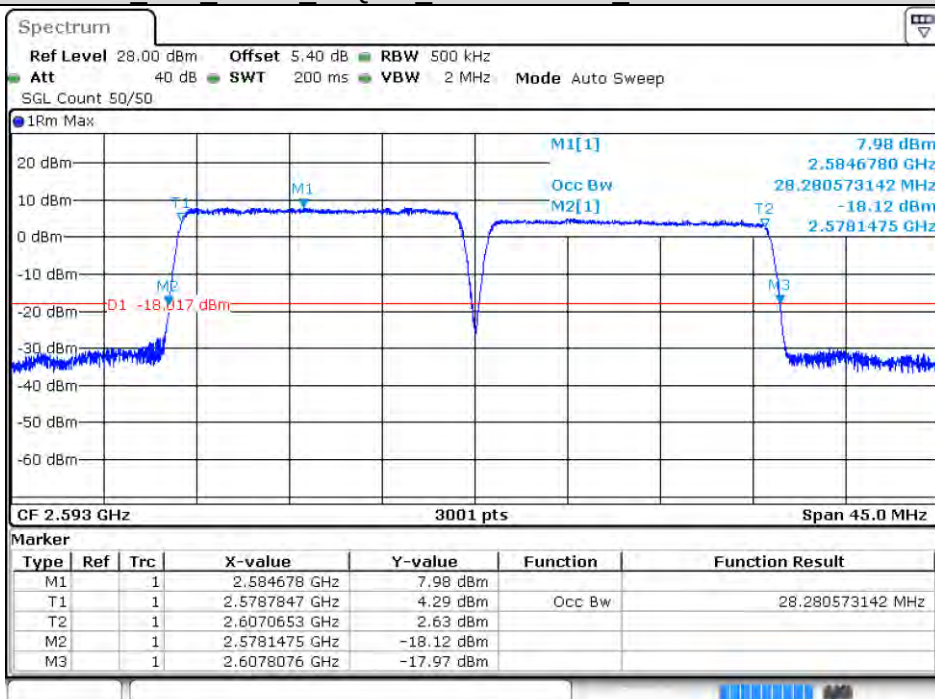
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CA 41C 15+15 16QAM 39725+39875 75RB#0+75RB#0



Date: 27. JUL. 2021 09:14:41

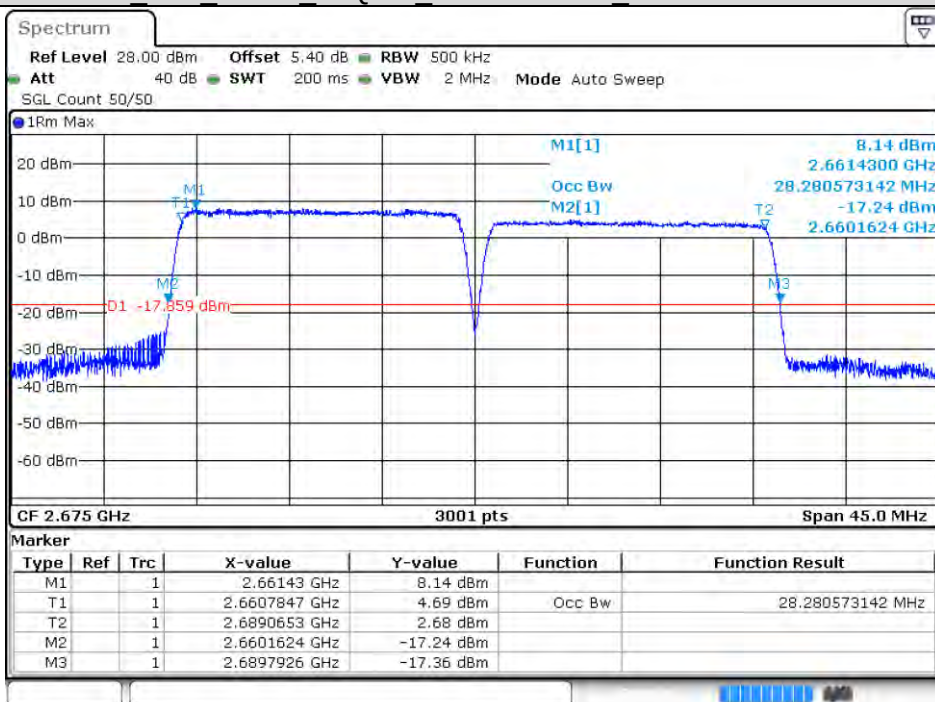
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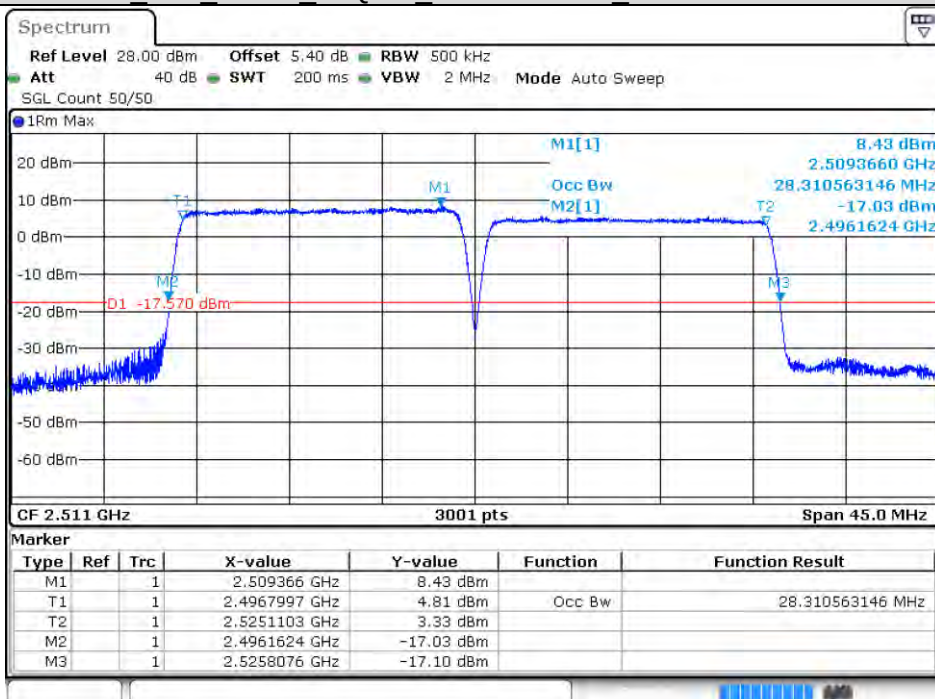


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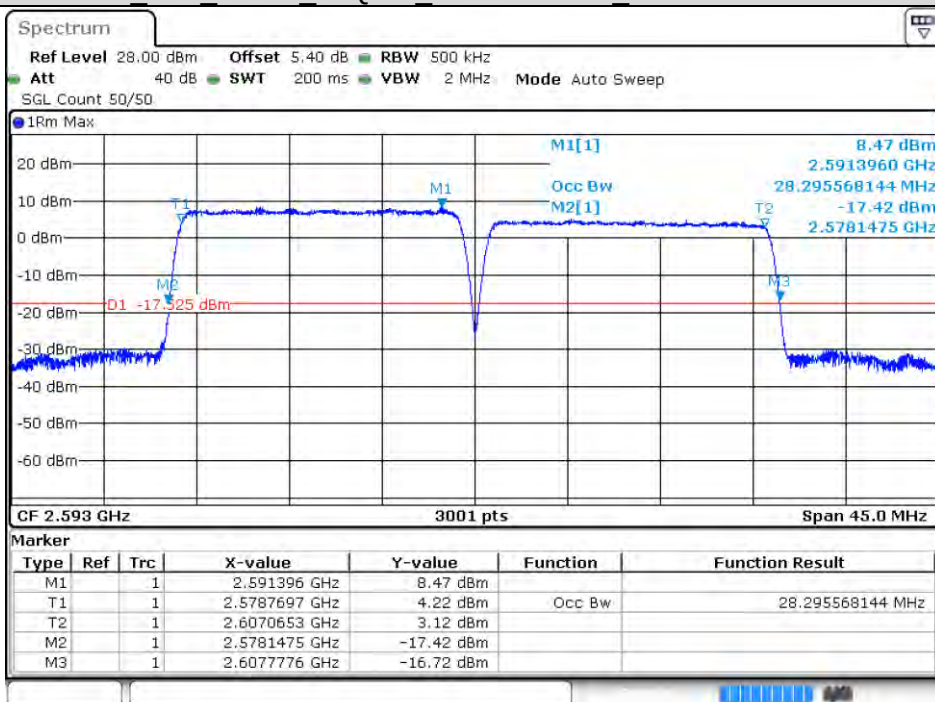
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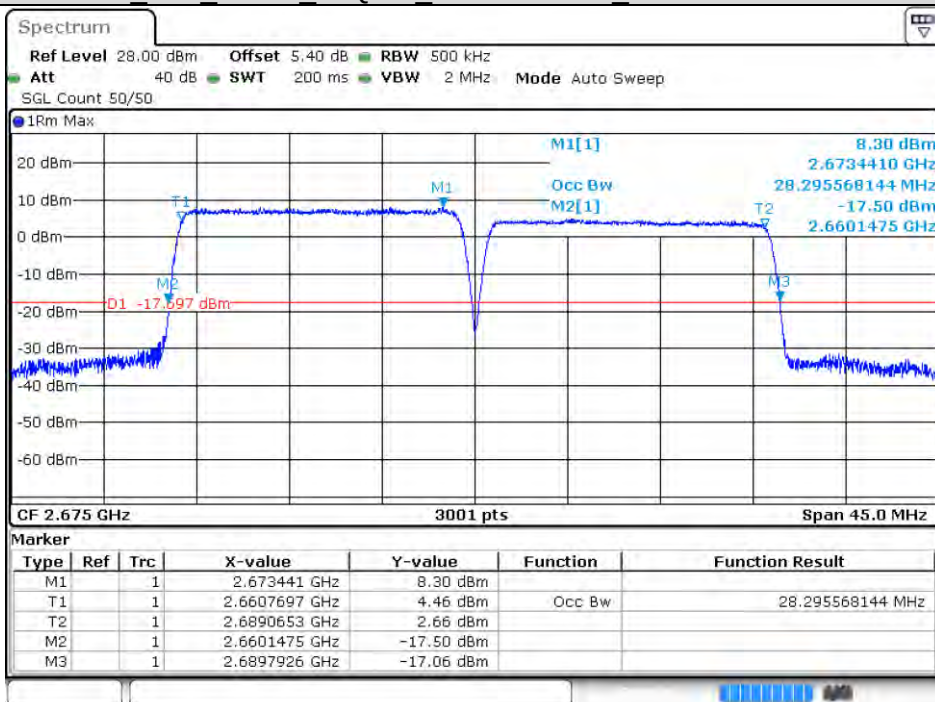


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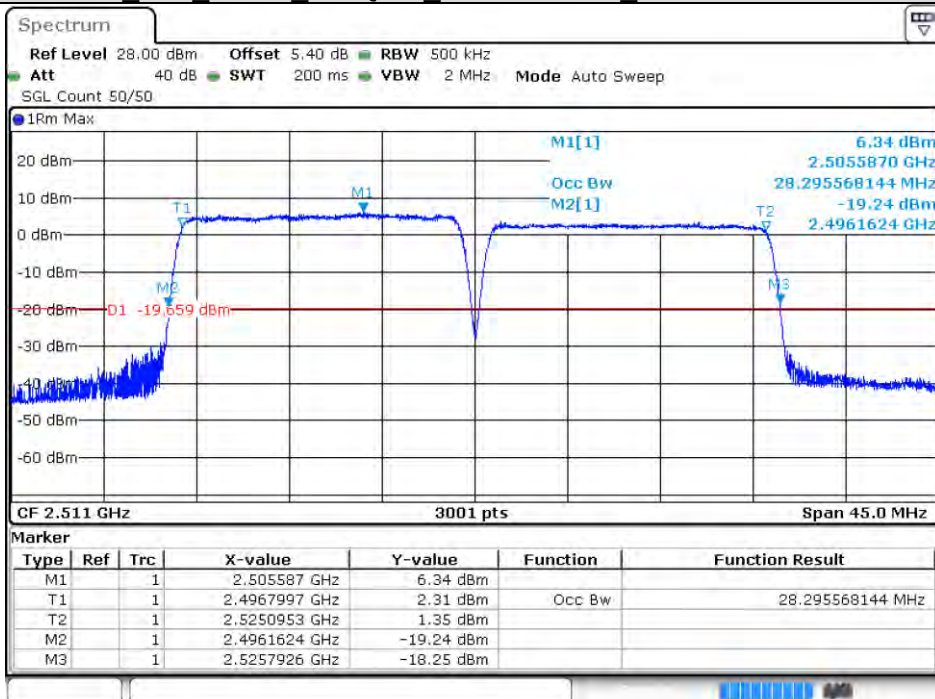
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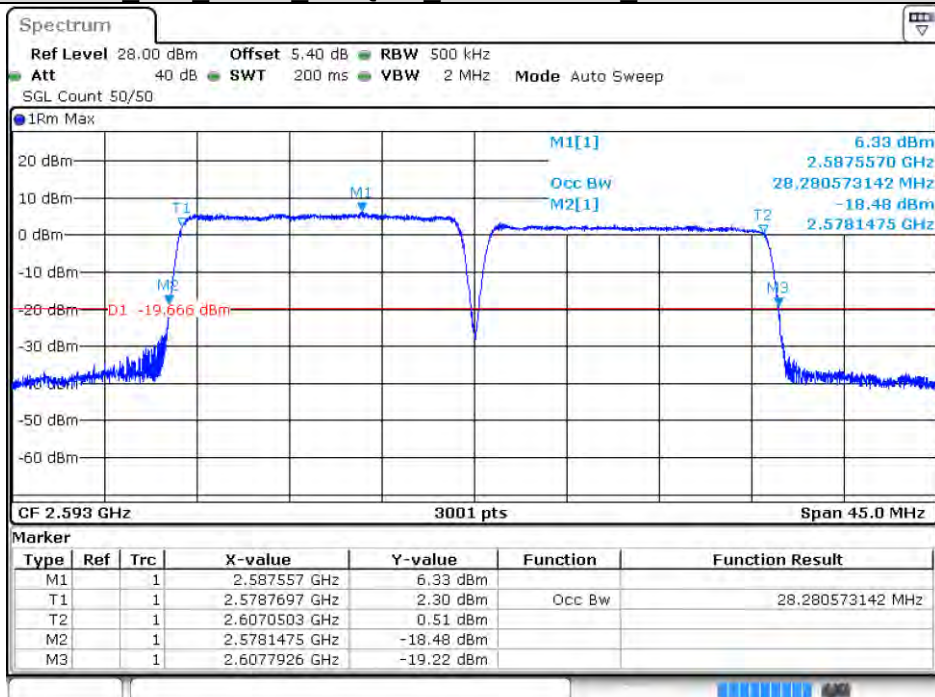


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Date: 26 JUL 2021 22:10:24

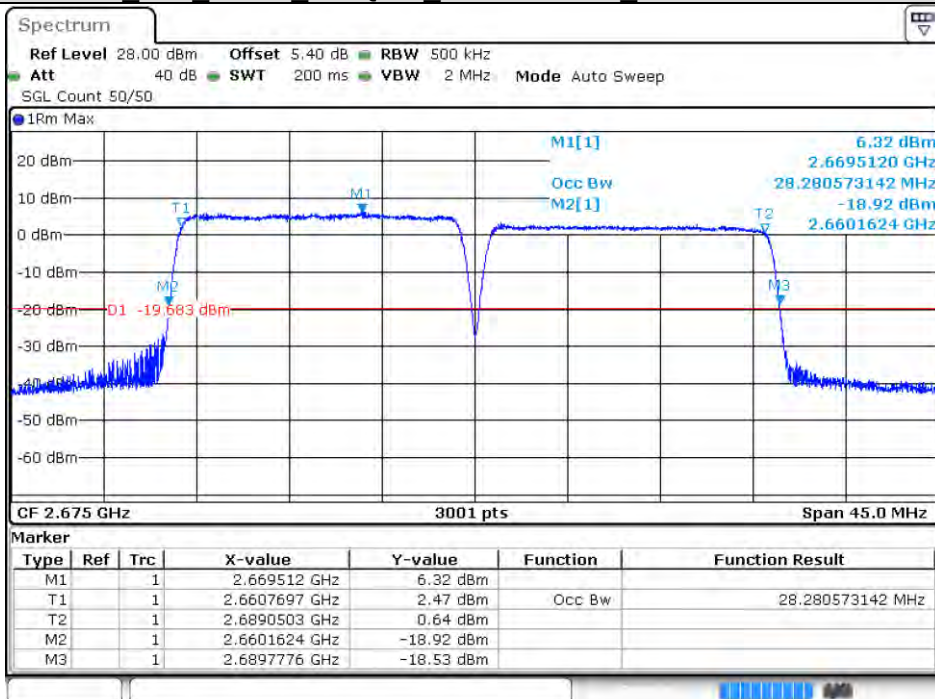
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Date: 26 JUL 2021 22:10:53

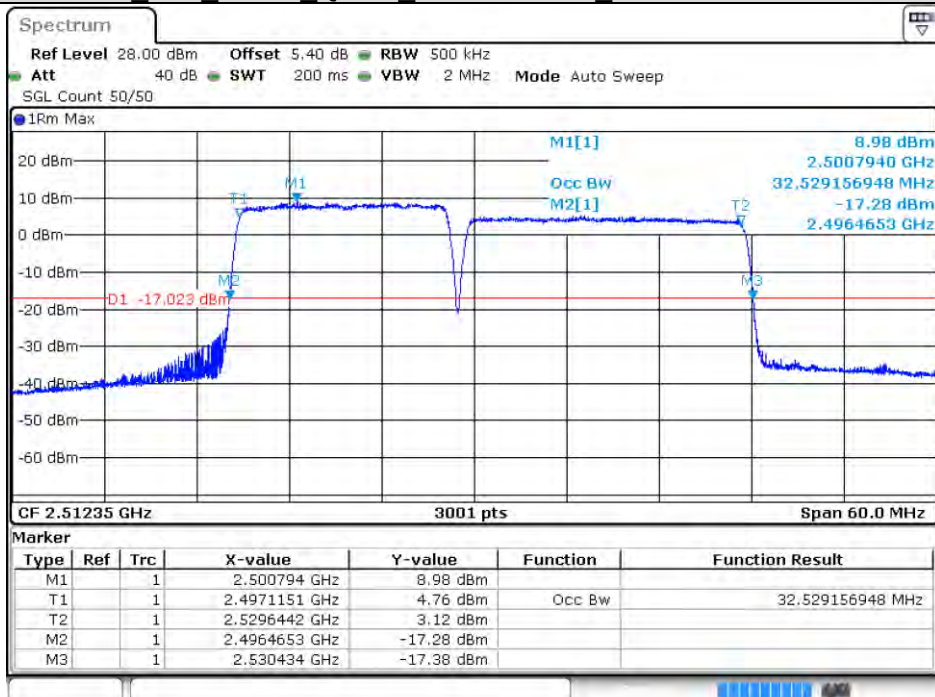


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Date: 26 JUL 2021 22:11:22

CA 41C 15+20 QPSK 39728+39899 75RB#0+100RB#0



Date: 27 JUL 2021 09:19:51



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