



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	21.87	23.39	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	QPSK	21.92	23.44	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	QPSK	22.04	23.56	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	QPSK	21.79	23.31	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	QPSK	21.97	23.49	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	QPSK	22.03	23.55	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	QPSK	21.95	23.47	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	QPSK	22.01	23.53	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	QPSK	22.16	23.68	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	QPSK	21.91	23.43	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	QPSK	21.95	23.47	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	QPSK	22.08	23.6	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	QPSK	21.95	23.47	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	QPSK	21.89	23.41	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	QPSK	21.95	23.47	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	QPSK	21.8	23.32	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	QPSK	22.08	23.6	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	QPSK	21.99	23.51	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	QPSK	21.93	23.45	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	QPSK	21.67	23.19	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	QPSK	21.89	23.41	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	QPSK	21.85	23.37	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	QPSK	21.89	23.41	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	QPSK	22	23.52	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	QPSK	21.75	23.27	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	QPSK	21.71	23.23	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	QPSK	21.73	23.25	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	QPSK	21.61	23.13	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	QPSK	21.85	23.37	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	QPSK	21.78	23.3	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	QPSK	21.93	23.45	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	QPSK	21.78	23.3	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	QPSK	21.68	23.2	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	QPSK	21.53	23.05	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	QPSK	21.88	23.4	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	QPSK	21.74	23.26	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	QPSK	21.87	23.39	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	QPSK	21.65	23.17	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	QPSK	21.56	23.08	33.00	PASS





CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	QPSK	21.35	22.87	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	QPSK	21.77	23.29	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	QPSK	21.62	23.14	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	16QAM	21.34	22.86	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	16QAM	21.46	22.98	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	16QAM	21.57	23.09	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	16QAM	20.85	22.37	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	16QAM	20.96	22.48	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	16QAM	21.06	22.58	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	16QAM	21.16	22.68	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	16QAM	21.1	22.62	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	16QAM	21.26	22.78	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	16QAM	21.41	22.93	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	16QAM	21.46	22.98	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	16QAM	21.56	23.08	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	16QAM	21	22.52	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	16QAM	21.39	22.91	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	16QAM	20.98	22.5	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	16QAM	21.31	22.83	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	16QAM	21.11	22.63	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	16QAM	21.47	22.99	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	16QAM	21.45	22.97	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	16QAM	21.19	22.71	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	16QAM	21.37	22.89	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	16QAM	21.49	23.01	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	16QAM	21.4	22.92	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	16QAM	21.51	23.03	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	16QAM	20.84	22.36	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	16QAM	21.23	22.75	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	16QAM	20.83	22.35	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	16QAM	21.16	22.68	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	16QAM	20.93	22.45	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	16QAM	21.29	22.81	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	16QAM	20.95	22.47	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	16QAM	21.29	22.81	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	16QAM	20.73	22.25	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	16QAM	21.06	22.58	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	16QAM	20.9	22.42	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	16QAM	21.22	22.74	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	16QAM	20.78	22.3	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	16QAM	21.16	22.68	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	16QAM	20.47	21.99	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	16QAM	20.89	22.41	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	16QAM	20.68	22.2	33.00	PASS





CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	16QAM	21.11	22.63	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	64QAM	19.78	21.3	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	64QAM	19.65	21.17	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	64QAM	19.62	21.14	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	64QAM	19.77	21.29	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	64QAM	19.66	21.18	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	64QAM	19.62	21.14	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	64QAM	19.68	21.2	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	64QAM	19.51	21.03	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	64QAM	19.61	21.13	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	64QAM	19.98	21.5	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	64QAM	19.85	21.37	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	64QAM	19.83	21.35	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	64QAM	19.86	21.38	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	64QAM	20.04	21.56	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	64QAM	19.7	21.22	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	64QAM	19.95	21.47	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	64QAM	19.81	21.33	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	64QAM	19.93	21.45	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	64QAM	19.77	21.29	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	64QAM	19.58	21.1	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	64QAM	19.83	21.35	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	64QAM	19.85	21.37	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	64QAM	19.73	21.25	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	64QAM	19.7	21.22	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	64QAM	19.73	21.25	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	64QAM	19.93	21.45	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	64QAM	19.59	21.11	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	64QAM	19.82	21.34	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	64QAM	19.69	21.21	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	64QAM	19.82	21.34	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	64QAM	19.63	21.15	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	64QAM	19.82	21.34	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	64QAM	19.44	20.96	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	64QAM	19.65	21.17	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	64QAM	19.7	21.22	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	64QAM	19.88	21.4	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	64QAM	19.87	21.39	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	64QAM	19.56	21.08	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	64QAM	19.57	21.09	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	64QAM	19.8	21.32	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	64QAM	19.32	20.84	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	64QAM	19.52	21.04	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	256QAM	17.59	19.11	33.00	PASS



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CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	256QAM	17.52	19.04	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	256QAM	17.60	19.12	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	256QAM	17.50	19.02	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	256QAM	17.57	19.09	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	256QAM	17.47	18.99	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	256QAM	17.59	19.11	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	256QAM	17.37	18.89	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	256QAM	17.62	19.14	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	256QAM	17.82	19.34	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	256QAM	17.71	19.23	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	256QAM	17.53	19.05	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	256QAM	17.53	19.05	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	256QAM	17.78	19.3	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	256QAM	17.45	18.97	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	256QAM	17.60	19.12	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	256QAM	17.66	19.18	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	256QAM	17.83	19.35	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	256QAM	17.41	18.93	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	256QAM	17.35	18.87	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	256QAM	17.44	18.96	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	256QAM	17.81	19.33	33.00	PASS
CA_41C	100RB+25RB	40645+40528	1RB#0	0RB#0	256QAM	17.32	18.84	33.00	PASS
CA_41C	100RB+25RB	41490+41373	1RB#0	0RB#0	256QAM	17.48	19	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	256QAM	17.51	19.03	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	256QAM	17.80	19.32	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	256QAM	17.26	18.78	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	256QAM	17.53	19.05	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	256QAM	17.46	18.98	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	256QAM	17.61	19.13	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	256QAM	17.33	18.85	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	256QAM	17.53	19.05	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	256QAM	17.21	18.73	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	256QAM	17.63	19.15	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	256QAM	17.32	18.84	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	256QAM	17.68	19.2	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	256QAM	17.48	19	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	256QAM	17.66	19.18	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	256QAM	17.33	18.85	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	256QAM	17.45	18.97	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	256QAM	17.35	18.87	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	256QAM	17.56	19.08	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 [dBd]

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	8.35	13.00	PASS
CA_41C	QPSK	100RB+100RB	40521+40719	100RB#0	100RB#0	8.84	13.00	PASS
CA_41C	QPSK	100RB+100RB	41292+41490	100RB#0	100RB#0	8.61	13.00	PASS
CA_41C	16QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	9.68	13.00	PASS
CA_41C	16QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	10.14	13.00	PASS
CA_41C	16QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	9.33	13.00	PASS
CA_41C	64QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	8.67	13.00	PASS
CA_41C	64QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	9.57	13.00	PASS
CA_41C	64QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	9.74	13.00	PASS
CA_41C	256QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	8.72	13.00	PASS
CA_41C	256QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	8.61	13.00	PASS
CA_41C	256QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	8.52	13.00	PASS



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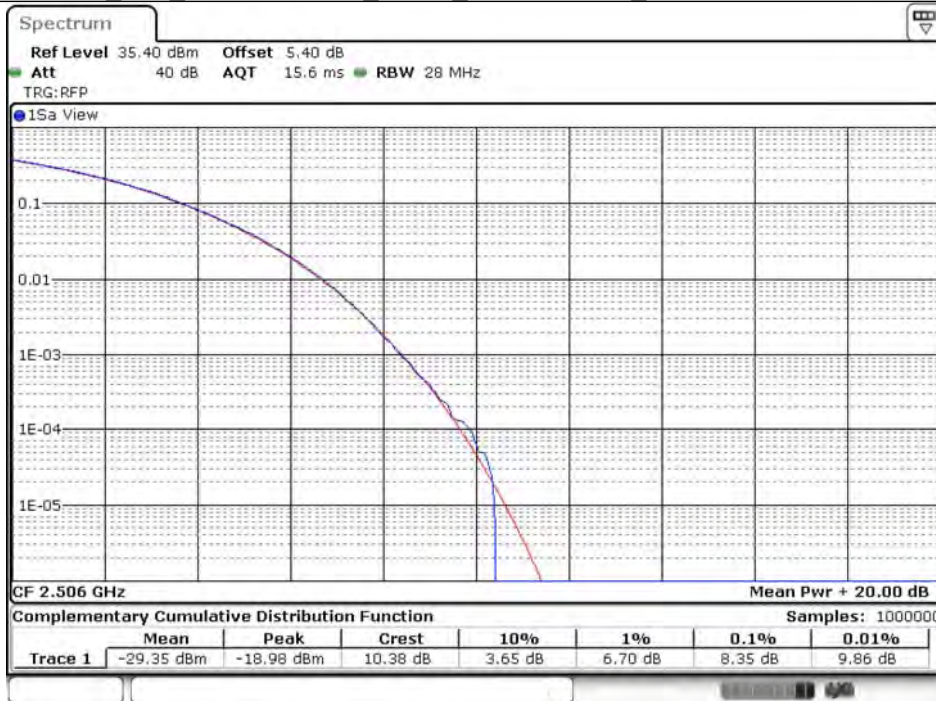
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2.1 For LTE

2.1.1 Test Band = LTE Band CA_41C

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



Date: 27.MAY.2021 02:11:46



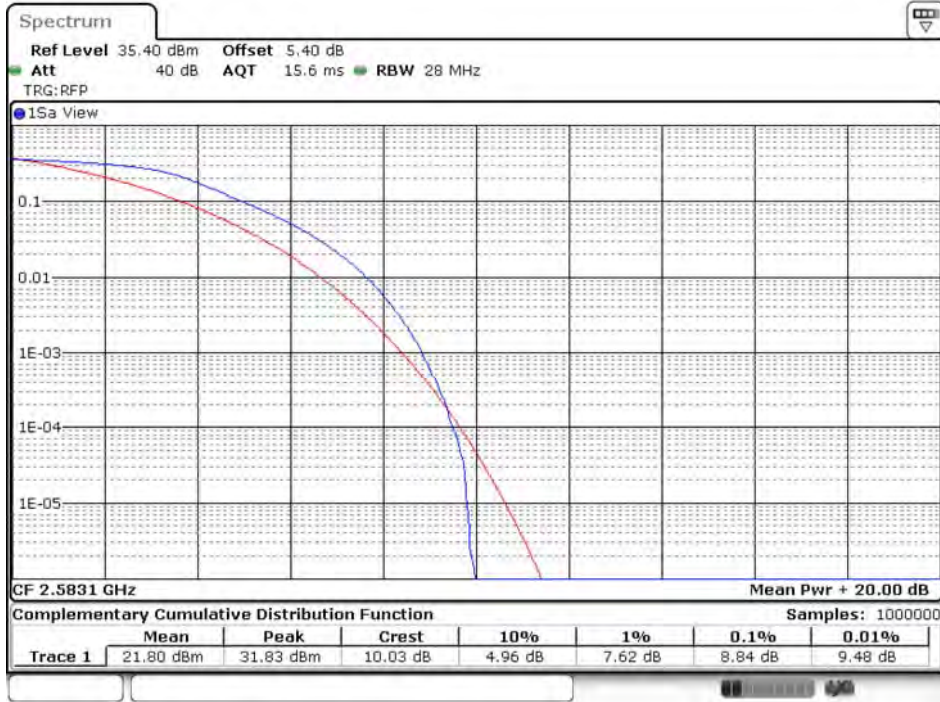
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CA 41C 100RB+100RB QPSK 40521+40719 100RB#0+100RB#0



Date: 27.MAY.2021 02:12:08

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



Date: 27.MAY.2021 02:12:31



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



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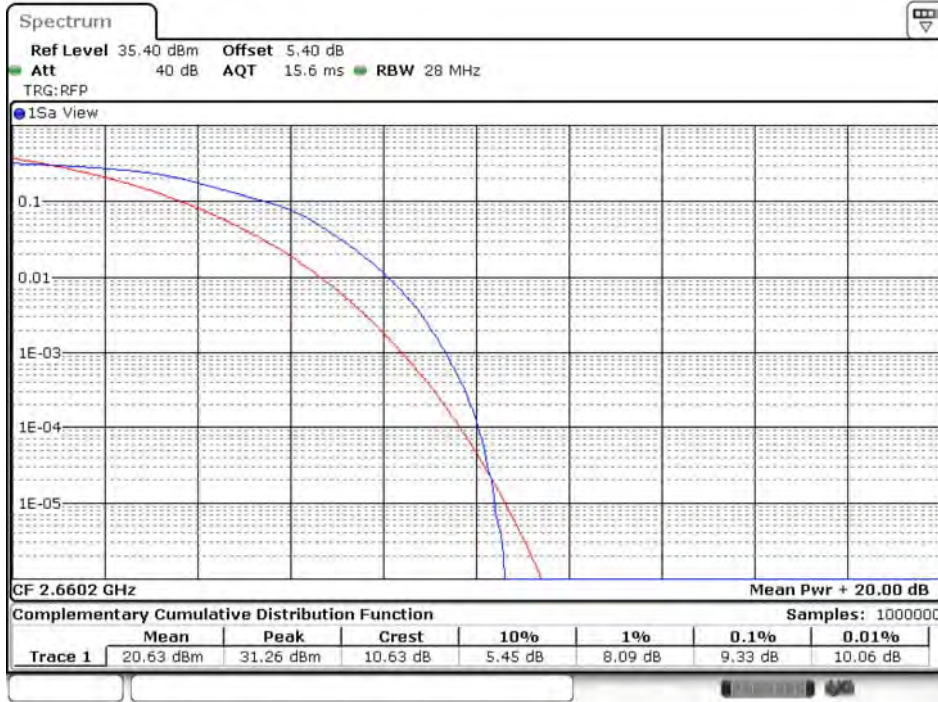
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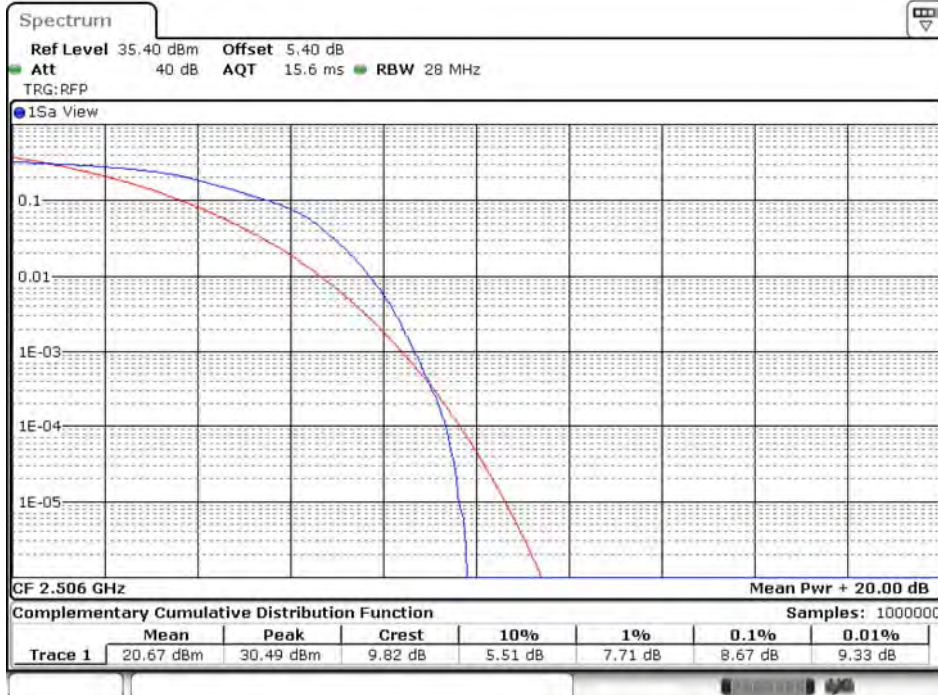


CA 41C 100RB+100RB 16QAM 41292+41490 100RB#0+100RB#0



Date: 27.MAY.2021 02:12:42

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



Date: 27.MAY.2021 02:11:57



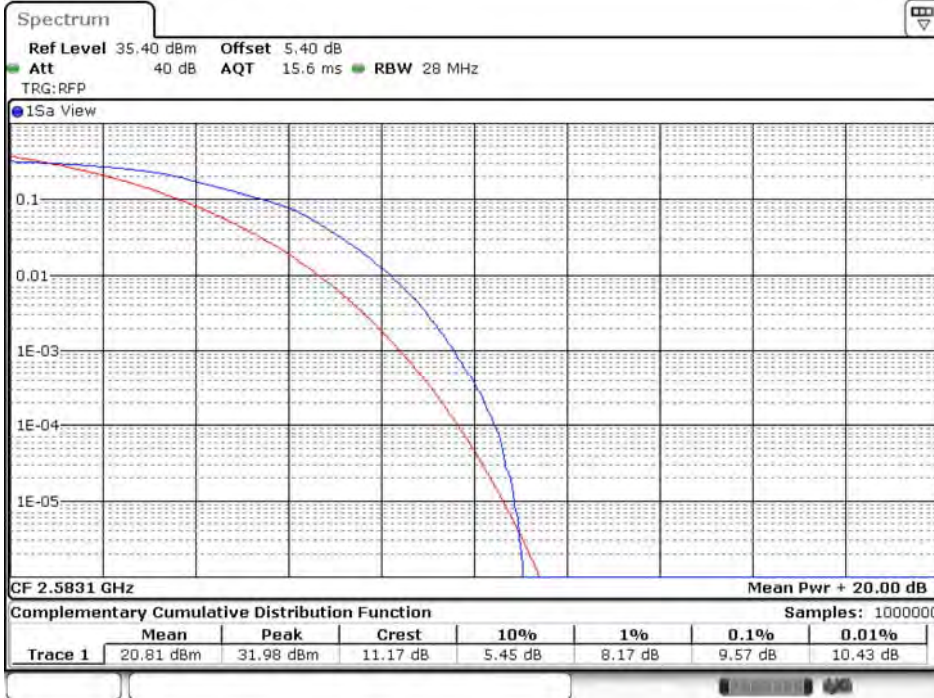
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CA 41C 100RB+100RB 64QAM 40521+40719 100RB#0+100RB#0



Date: 27.MAY.2021 02:12:19

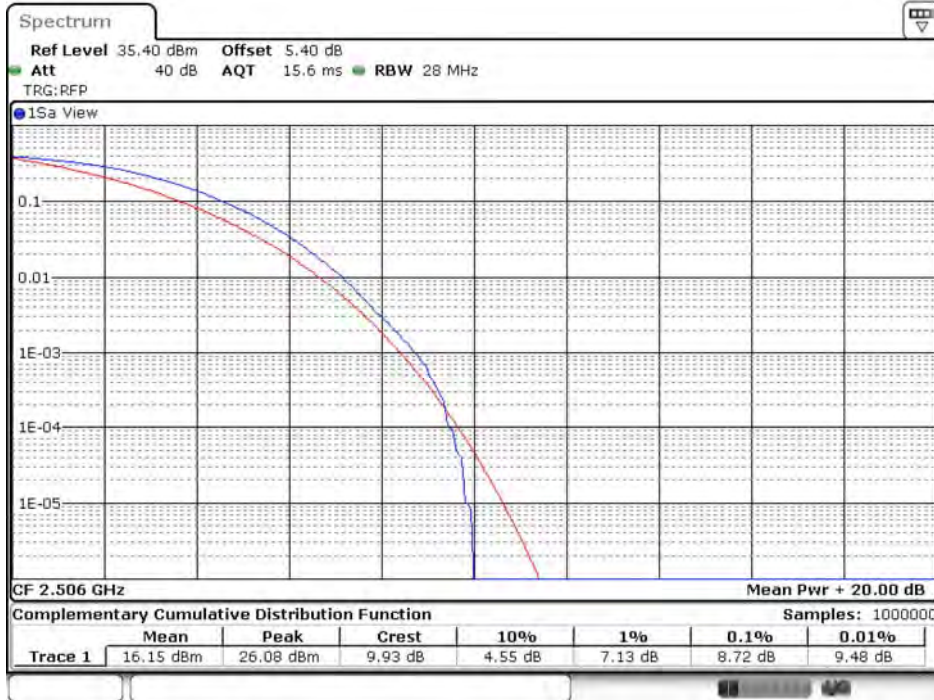
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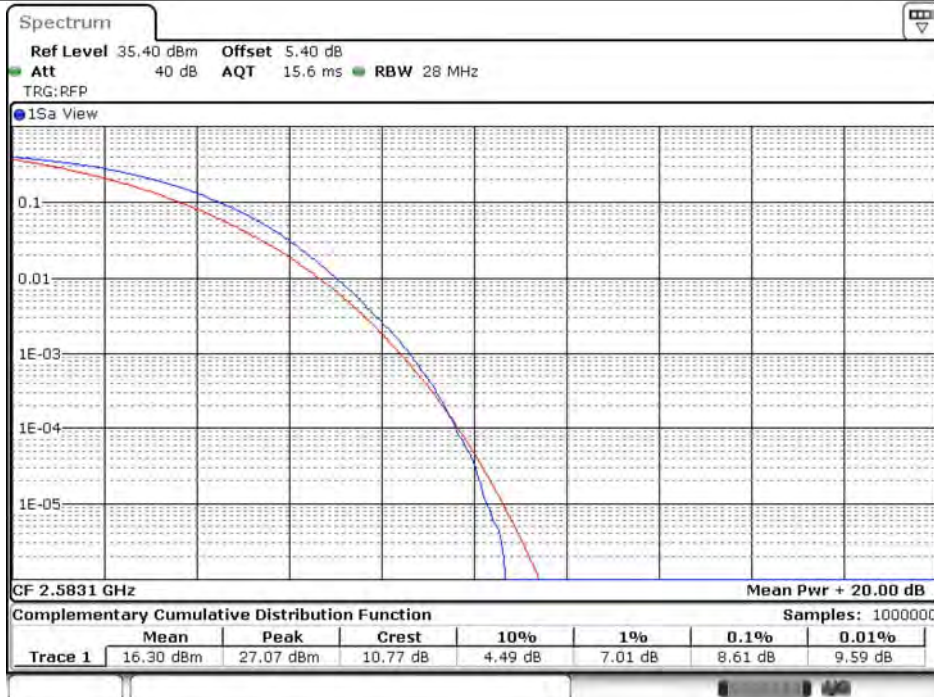


CA_41C_100RB+100RB_256QAM_39750+39948_100RB#0+100RB#0



Date: 7.MAY.2021 02:49:50

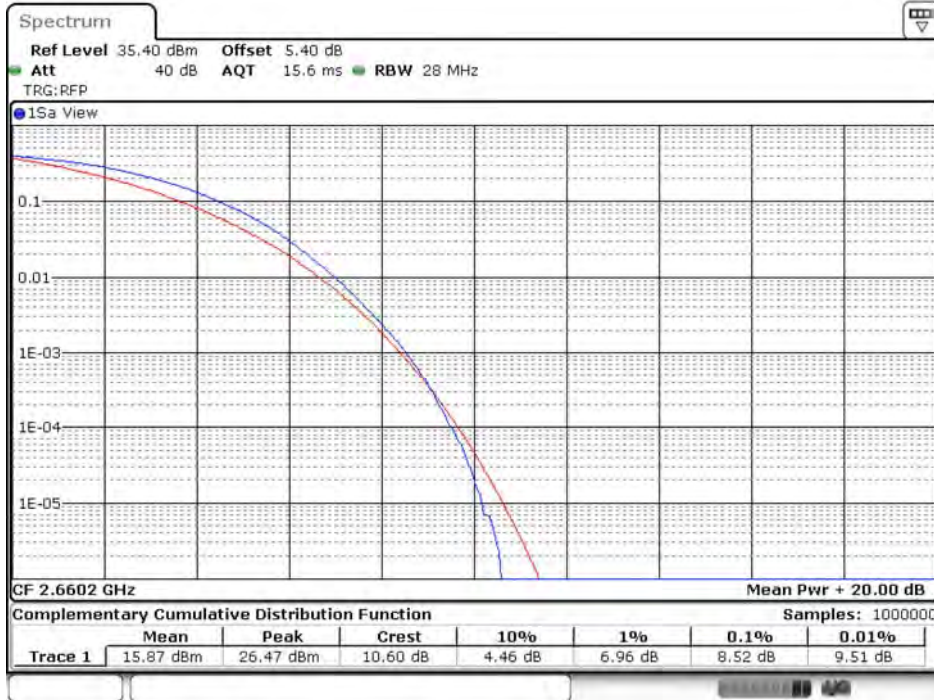
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Date: 7.MAY.2021 02:50:01



CA_41C_100RB+100RB_256QAM_41292+41490_100RB#0+100RB#0



Date: 7.MAY.2021 02:50:12



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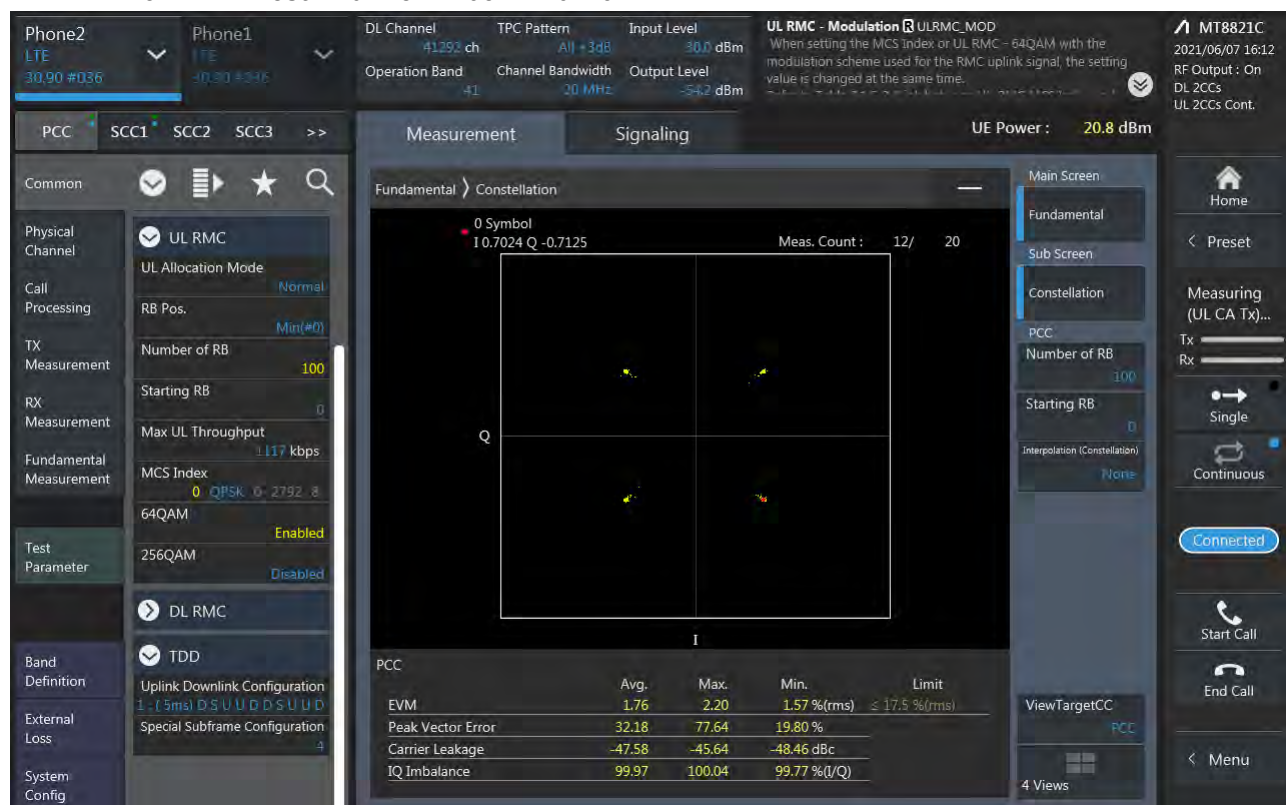
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_41C

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

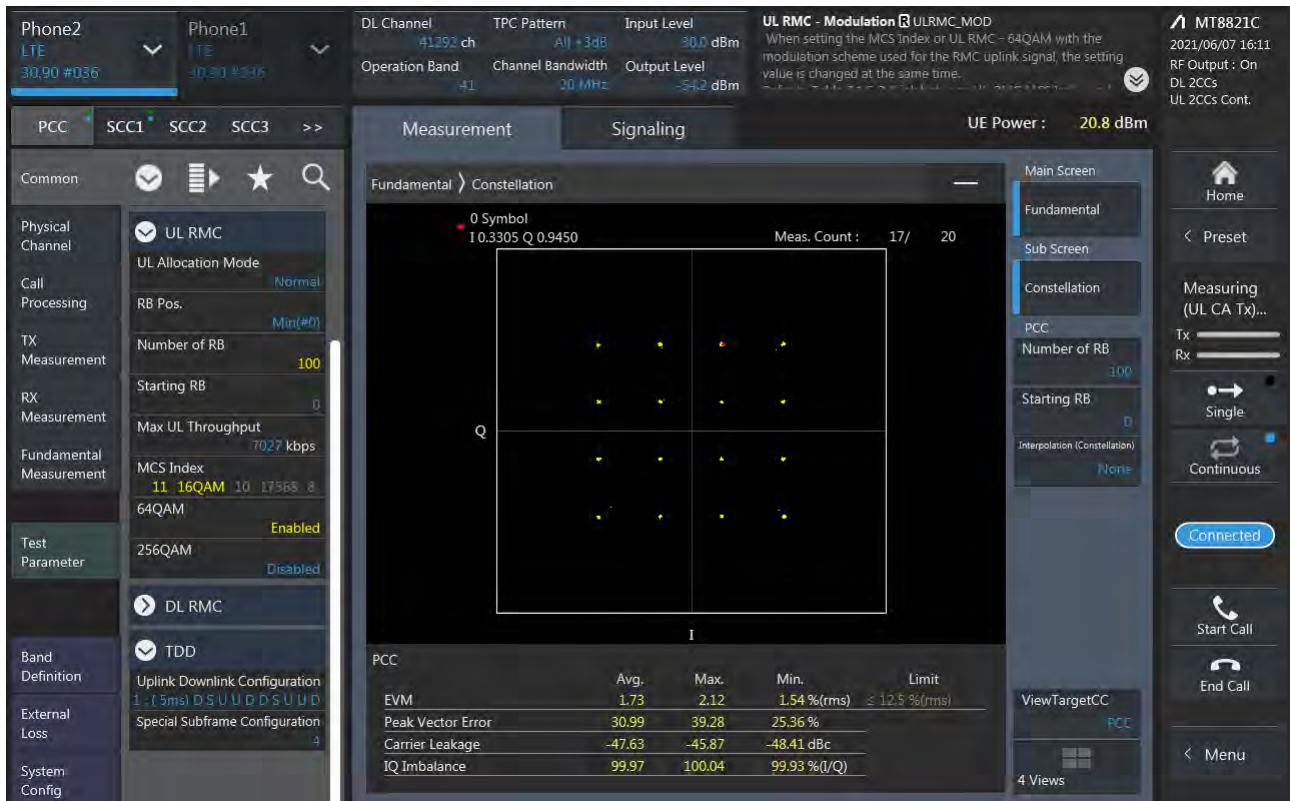
3.1.1.1.1 Test Channel = 40521+40719





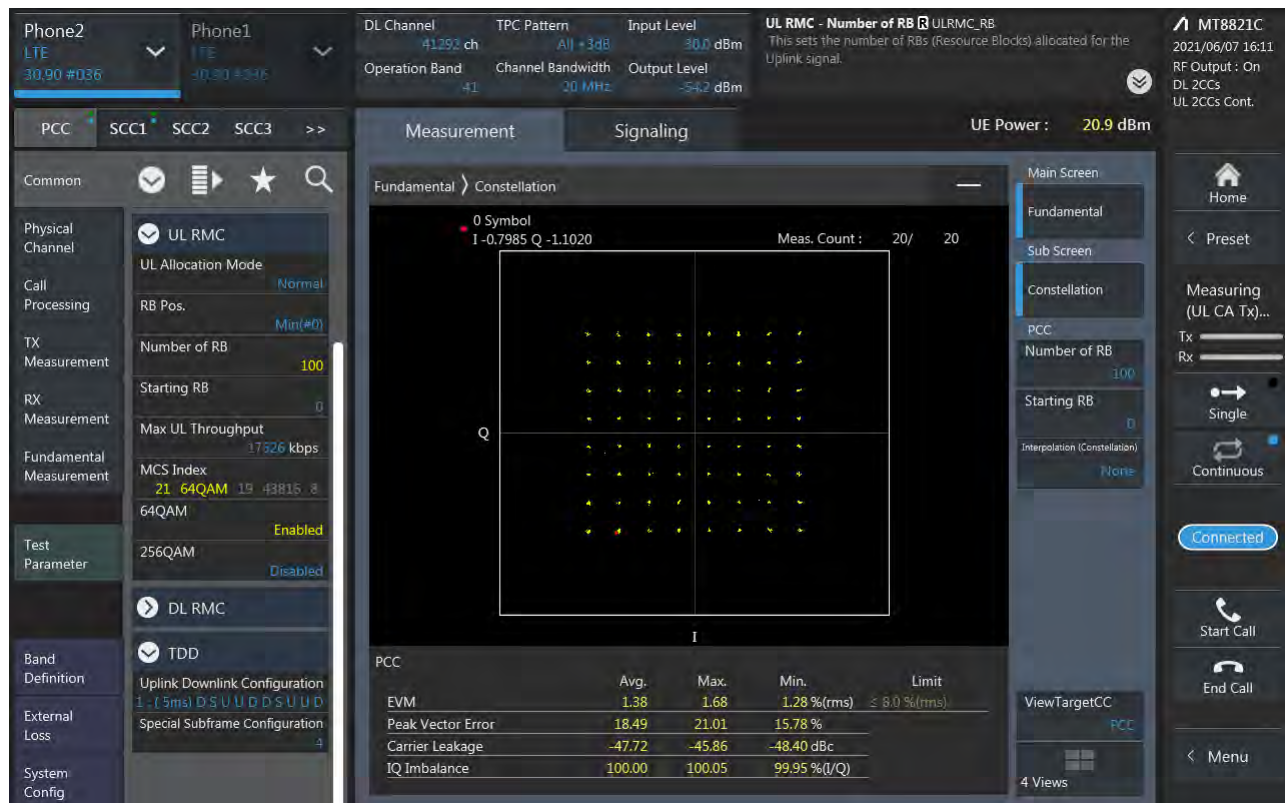
3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

3.1.1.2.1 Test Channel = 40521+40719



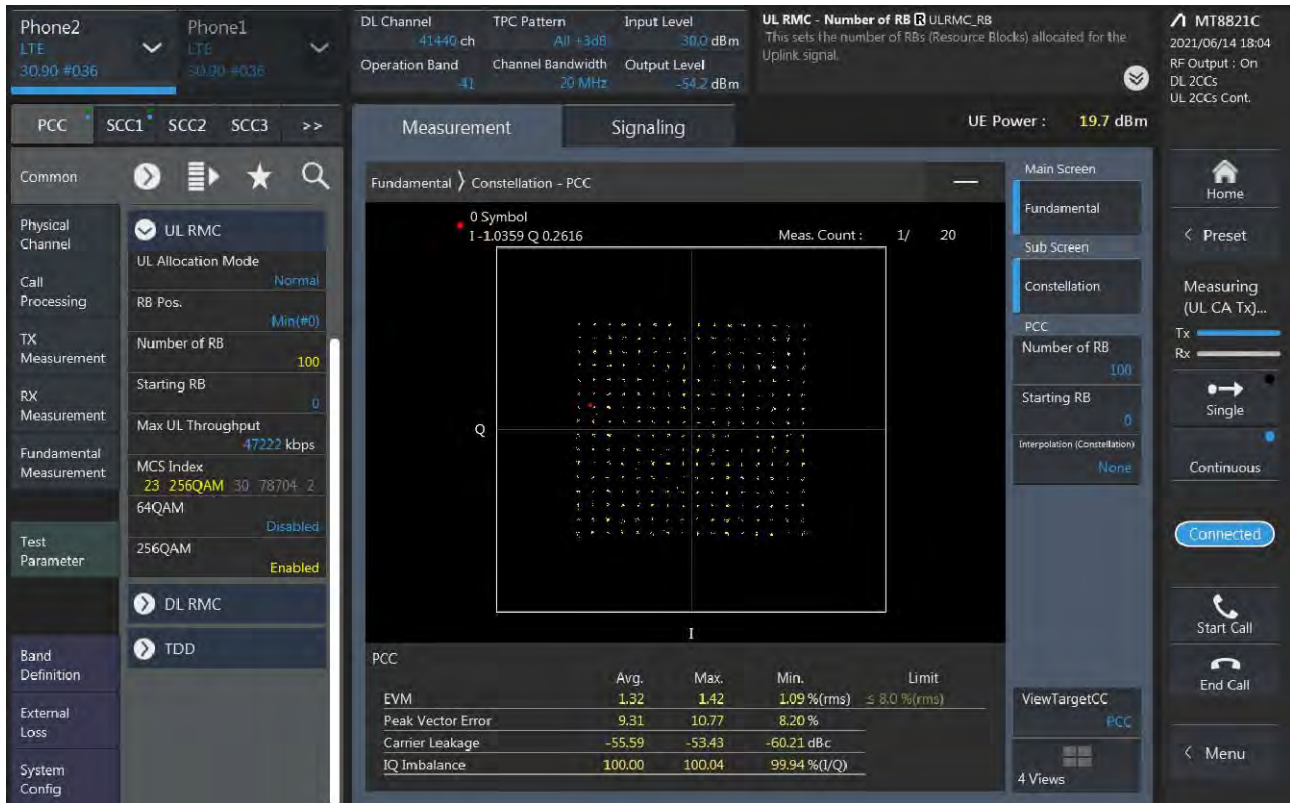


3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB
3.1.1.3.1 Test Channel = 40521+40719



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

3.1.1.4.1 Test Channel = 40521+40719





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	22.7	23.53	PASS
CA_41C	25RB+100RB	16QAM	39683+39800	25RB#0+100RB#0	22.7	23.54	PASS
CA_41C	25RB+100RB	64QAM	39683+39800	25RB#0+100RB#0	22.73	23.51	PASS
CA_41C	25RB+100RB	QPSK	40528+40645	25RB#0+100RB#0	22.67	23.53	PASS
CA_41C	25RB+100RB	16QAM	40528+40645	25RB#0+100RB#0	22.67	23.50	PASS
CA_41C	25RB+100RB	64QAM	40528+40645	25RB#0+100RB#0	22.69	23.51	PASS
CA_41C	25RB+100RB	QPSK	41373+41490	25RB#0+100RB#0	22.65	23.50	PASS
CA_41C	25RB+100RB	16QAM	41373+41490	25RB#0+100RB#0	22.66	23.50	PASS
CA_41C	25RB+100RB	64QAM	41373+41490	25RB#0+100RB#0	22.67	23.51	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	23.54	PASS
CA_41C	25RB+100RB	256QAM	41373+41490	25RB#0+100RB#0	22.71	23.54	PASS
CA_41C	50RB+75RB	QPSK	39703+39823	50RB#0+75RB#0	23.02	23.90	PASS
CA_41C	50RB+75RB	16QAM	39703+39823	50RB#0+75RB#0	23.03	23.87	PASS
CA_41C	50RB+75RB	64QAM	39703+39823	50RB#0+75RB#0	23.03	23.90	PASS
CA_41C	50RB+75RB	QPSK	40549+40669	50RB#0+75RB#0	23.02	23.90	PASS
CA_41C	50RB+75RB	16QAM	40549+40669	50RB#0+75RB#0	23.03	23.91	PASS
CA_41C	50RB+75RB	64QAM	40549+40669	50RB#0+75RB#0	23.02	23.89	PASS
CA_41C	50RB+75RB	QPSK	41395+41515	50RB#0+75RB#0	23.01	23.87	PASS
CA_41C	50RB+75RB	16QAM	41395+41515	50RB#0+75RB#0	23.03	23.91	PASS
CA_41C	50RB+75RB	64QAM	41395+41515	50RB#0+75RB#0	22.98	23.87	PASS
CA_41C	50RB+75RB	256QAM	39703+39823	50RB#0+75RB#0	23.13	24.34	PASS
CA_41C	50RB+75RB	256QAM	40549+40669	50RB#0+75RB#0	23.11	24.31	PASS
CA_41C	50RB+75RB	256QAM	41395+41515	50RB#0+75RB#0	23.09	24.41	PASS
CA_41C	50RB+100RB	QPSK	39705+39849	50RB#0+100RB#0	27.58	28.54	PASS
CA_41C	50RB+100RB	16QAM	39705+39849	50RB#0+100RB#0	27.61	28.58	PASS
CA_41C	50RB+100RB	64QAM	39705+39849	50RB#0+100RB#0	27.58	28.52	PASS
CA_41C	50RB+100RB	QPSK	40526+40670	50RB#0+100RB#0	27.56	28.52	PASS
CA_41C	50RB+100RB	16QAM	40526+40670	50RB#0+100RB#0	27.55	28.54	PASS
CA_41C	50RB+100RB	64QAM	40526+40670	50RB#0+100RB#0	27.56	28.54	PASS
CA_41C	50RB+100RB	QPSK	41346+41490	50RB#0+100RB#0	27.55	28.55	PASS
CA_41C	50RB+100RB	16QAM	41346+41490	50RB#0+100RB#0	27.53	28.55	PASS
CA_41C	50RB+100RB	64QAM	41346+41490	50RB#0+100RB#0	27.55	28.54	PASS





CA_41C	50RB+100RB	256QAM	39705+39849	50RB#0+100RB#0	27.7	28.96	PASS
CA_41C	50RB+100RB	256QAM	40526+40670	50RB#0+100RB#0	27.67	28.99	PASS
CA_41C	50RB+100RB	256QAM	41346+41490	50RB#0+100RB#0	27.7	29.00	PASS
CA_41C	75RB+50RB	QPSK	39725+39845	75RB#0+50RB#0	23.13	24.34	PASS
CA_41C	75RB+50RB	16QAM	39725+39845	75RB#0+50RB#0	23.13	24.39	PASS
CA_41C	75RB+50RB	64QAM	39725+39845	75RB#0+50RB#0	23.11	24.39	PASS
CA_41C	75RB+50RB	QPSK	40571+40691	75RB#0+50RB#0	23.11	24.39	PASS
CA_41C	75RB+50RB	16QAM	40571+40691	75RB#0+50RB#0	23.13	24.39	PASS
CA_41C	75RB+50RB	64QAM	40571+40691	75RB#0+50RB#0	23.1	24.38	PASS
CA_41C	75RB+50RB	QPSK	41417+41537	75RB#0+50RB#0	23.11	24.39	PASS
CA_41C	75RB+50RB	16QAM	41417+41537	75RB#0+50RB#0	23.11	24.38	PASS
CA_41C	75RB+50RB	64QAM	41417+41537	75RB#0+50RB#0	23.1	24.39	PASS
CA_41C	75RB+50RB	256QAM	39725+39845	75RB#0+50RB#0	23.05	23.98	PASS
CA_41C	75RB+50RB	256QAM	40571+40691	75RB#0+50RB#0	23.06	23.97	PASS
CA_41C	75RB+50RB	256QAM	41417+41537	75RB#0+50RB#0	23.03	23.91	PASS
CA_41C	75RB+75RB	QPSK	39725+39875	75RB#0+75RB#0	28.24	29.21	PASS
CA_41C	75RB+75RB	16QAM	39725+39875	75RB#0+75RB#0	28.22	29.21	PASS
CA_41C	75RB+75RB	64QAM	39725+39875	75RB#0+75RB#0	28.22	29.20	PASS
CA_41C	75RB+75RB	QPSK	40545+40695	75RB#0+75RB#0	28.24	29.20	PASS
CA_41C	75RB+75RB	16QAM	40545+40695	75RB#0+75RB#0	28.22	29.18	PASS
CA_41C	75RB+75RB	64QAM	40545+40695	75RB#0+75RB#0	28.21	29.18	PASS
CA_41C	75RB+75RB	QPSK	41365+41515	75RB#0+75RB#0	28.21	29.17	PASS
CA_41C	75RB+75RB	16QAM	41365+41515	75RB#0+75RB#0	28.21	29.23	PASS
CA_41C	75RB+75RB	64QAM	41365+41515	75RB#0+75RB#0	28.19	29.21	PASS
CA_41C	75RB+75RB	256QAM	39725+39875	75RB#0+75RB#0	28.31	29.65	PASS
CA_41C	75RB+75RB	256QAM	40545+40695	75RB#0+75RB#0	28.3	29.66	PASS
CA_41C	75RB+75RB	256QAM	41365+41515	75RB#0+75RB#0	28.28	29.62	PASS
CA_41C	75RB+100RB	QPSK	39728+39899	75RB#0+100RB#0	32.59	33.93	PASS
CA_41C	75RB+100RB	16QAM	39728+39899	75RB#0+100RB#0	32.55	33.93	PASS
CA_41C	75RB+100RB	64QAM	39728+39899	75RB#0+100RB#0	32.55	33.95	PASS
CA_41C	75RB+100RB	QPSK	40523+40694	75RB#0+100RB#0	32.51	33.97	PASS
CA_41C	75RB+100RB	16QAM	40523+40694	75RB#0+100RB#0	32.51	33.95	PASS
CA_41C	75RB+100RB	64QAM	40523+40694	75RB#0+100RB#0	32.51	33.93	PASS
CA_41C	75RB+100RB	QPSK	41319+41490	75RB#0+100RB#0	32.53	33.93	PASS
CA_41C	75RB+100RB	16QAM	41319+41490	75RB#0+100RB#0	32.55	33.91	PASS
CA_41C	75RB+100RB	64QAM	41319+41490	75RB#0+100RB#0	32.53	33.95	PASS
CA_41C	75RB+100RB	256QAM	39728+39899	75RB#0+100RB#0	32.57	33.95	PASS



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CA_41C	75RB+100RB	256QAM	40523+40694	75RB#0+100RB#0	32.55	33.93	PASS
CA_41C	75RB+100RB	256QAM	41319+41490	75RB#0+100RB#0	32.55	33.95	PASS
CA_41C	100RB+25RB	QPSK	39800+39683	100RB#0+25RB#0	22.9	24.06	PASS
CA_41C	100RB+25RB	16QAM	39800+39683	100RB#0+25RB#0	22.91	24.07	PASS
CA_41C	100RB+25RB	64QAM	39800+39683	100RB#0+25RB#0	22.91	24.07	PASS
CA_41C	100RB+25RB	QPSK	40645+40528	100RB#0+25RB#0	22.91	24.10	PASS
CA_41C	100RB+25RB	16QAM	40645+40528	100RB#0+25RB#0	22.93	24.10	PASS
CA_41C	100RB+25RB	64QAM	40645+40528	100RB#0+25RB#0	22.93	24.11	PASS
CA_41C	100RB+25RB	QPSK	41490+41373	100RB#0+25RB#0	22.9	24.07	PASS
CA_41C	100RB+25RB	16QAM	41490+41373	100RB#0+25RB#0	22.91	24.11	PASS
CA_41C	100RB+25RB	64QAM	41490+41373	100RB#0+25RB#0	22.91	24.10	PASS
CA_41C	100RB+25RB	256QAM	39800+39683	100RB#0+25RB#0	22.78	23.58	PASS
CA_41C	100RB+25RB	256QAM	40645+40528	100RB#0+25RB#0	22.81	23.61	PASS
CA_41C	100RB+25RB	256QAM	41490+41373	100RB#0+25RB#0	22.79	23.61	PASS
CA_41C	100RB+50RB	QPSK	39750+39894	100RB#0+50RB#0	27.71	29.05	PASS
CA_41C	100RB+50RB	16QAM	39750+39894	100RB#0+50RB#0	27.7	29.09	PASS
CA_41C	100RB+50RB	64QAM	39750+39894	100RB#0+50RB#0	27.7	29.14	PASS
CA_41C	100RB+50RB	QPSK	40571+40715	100RB#0+50RB#0	27.71	29.06	PASS
CA_41C	100RB+50RB	16QAM	40571+40715	100RB#0+50RB#0	27.71	29.06	PASS
CA_41C	100RB+50RB	64QAM	40571+40715	100RB#0+50RB#0	27.71	29.09	PASS
CA_41C	100RB+50RB	QPSK	41391+41535	100RB#0+50RB#0	27.7	29.06	PASS
CA_41C	100RB+50RB	16QAM	41391+41535	100RB#0+50RB#0	27.71	29.09	PASS
CA_41C	100RB+50RB	64QAM	41391+41535	100RB#0+50RB#0	27.7	29.06	PASS
CA_41C	100RB+50RB	256QAM	39750+39894	100RB#0+50RB#0	27.64	28.58	PASS
CA_41C	100RB+50RB	256QAM	40571+40715	100RB#0+50RB#0	27.64	28.60	PASS
CA_41C	100RB+50RB	256QAM	41391+41535	100RB#0+50RB#0	27.65	28.61	PASS
CA_41C	100RB+75RB	QPSK	39750+39921	100RB#0+75RB#0	32.56	33.99	PASS
CA_41C	100RB+75RB	16QAM	39750+39921	100RB#0+75RB#0	32.59	34.01	PASS
CA_41C	100RB+75RB	64QAM	39750+39921	100RB#0+75RB#0	32.59	34.01	PASS
CA_41C	100RB+75RB	QPSK	40546+40717	100RB#0+75RB#0	32.59	33.99	PASS
CA_41C	100RB+75RB	16QAM	40546+40717	100RB#0+75RB#0	32.56	34.01	PASS
CA_41C	100RB+75RB	64QAM	40546+40717	100RB#0+75RB#0	32.59	34.01	PASS
CA_41C	100RB+75RB	QPSK	41341+41512	100RB#0+75RB#0	32.56	33.99	PASS
CA_41C	100RB+75RB	16QAM	41341+41512	100RB#0+75RB#0	32.56	34.01	PASS
CA_41C	100RB+75RB	64QAM	41341+41512	100RB#0+75RB#0	32.56	34.01	PASS
CA_41C	100RB+75RB	256QAM	39750+39921	100RB#0+75RB#0	32.56	34.01	PASS
CA_41C	100RB+75RB	256QAM	40546+40717	100RB#0+75RB#0	32.59	34.01	PASS



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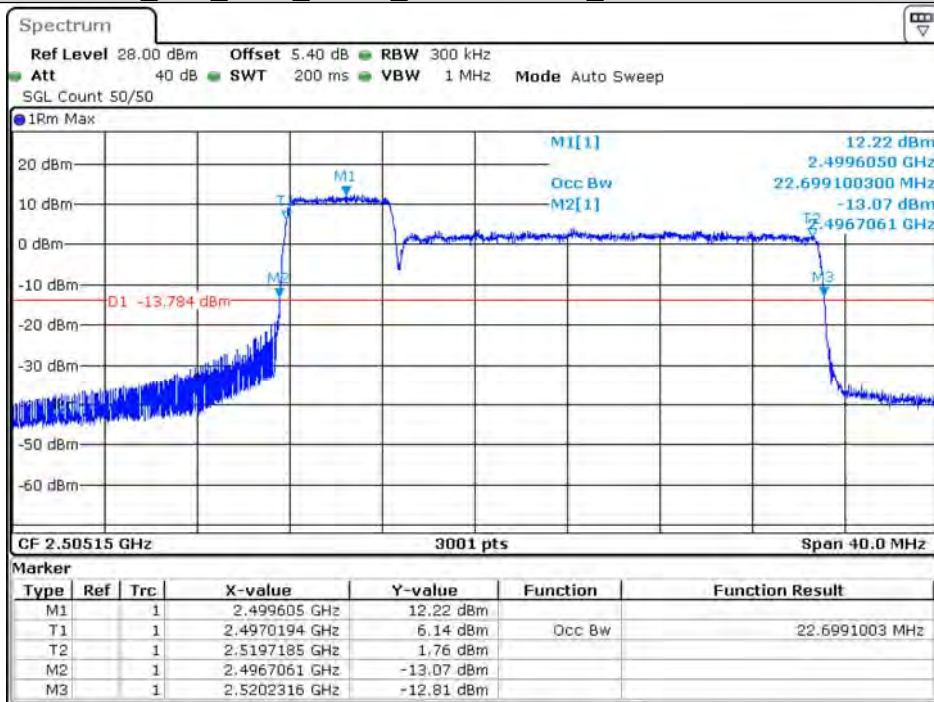
CA_41C	100RB+75RB	256QAM	41341+41512	100RB#0+75RB#0	32.59	33.99	PASS
CA_41C	100RB+100RB	QPSK	39750+39948	100RB#0+100RB#0	37.43	38.89	PASS
CA_41C	100RB+100RB	16QAM	39750+39948	100RB#0+100RB#0	37.45	38.91	PASS
CA_41C	100RB+100RB	64QAM	39750+39948	100RB#0+100RB#0	37.45	38.91	PASS
CA_41C	100RB+100RB	QPSK	40521+40719	100RB#0+100RB#0	37.39	38.87	PASS
CA_41C	100RB+100RB	16QAM	40521+40719	100RB#0+100RB#0	37.43	38.87	PASS
CA_41C	100RB+100RB	64QAM	40521+40719	100RB#0+100RB#0	37.43	38.91	PASS
CA_41C	100RB+100RB	QPSK	41292+41490	100RB#0+100RB#0	37.39	38.89	PASS
CA_41C	100RB+100RB	16QAM	41292+41490	100RB#0+100RB#0	37.39	38.89	PASS
CA_41C	100RB+100RB	64QAM	41292+41490	100RB#0+100RB#0	37.39	38.89	PASS
CA_41C	100RB+100RB	256QAM	39750+39948	100RB#0+100RB#0	37.41	38.47	PASS
CA_41C	100RB+100RB	256QAM	40521+40719	100RB#0+100RB#0	37.39	38.45	PASS
CA_41C	100RB+100RB	256QAM	41292+41490	100RB#0+100RB#0	37.39	38.45	PASS



4.1 For LTE

4.1.1 Test Band = LTE Band CA_41C

CA_41C_5+20_QPSK_39683+39800_25RB#0+100RB#0



Date: 26 MAY 2021 09:28:05



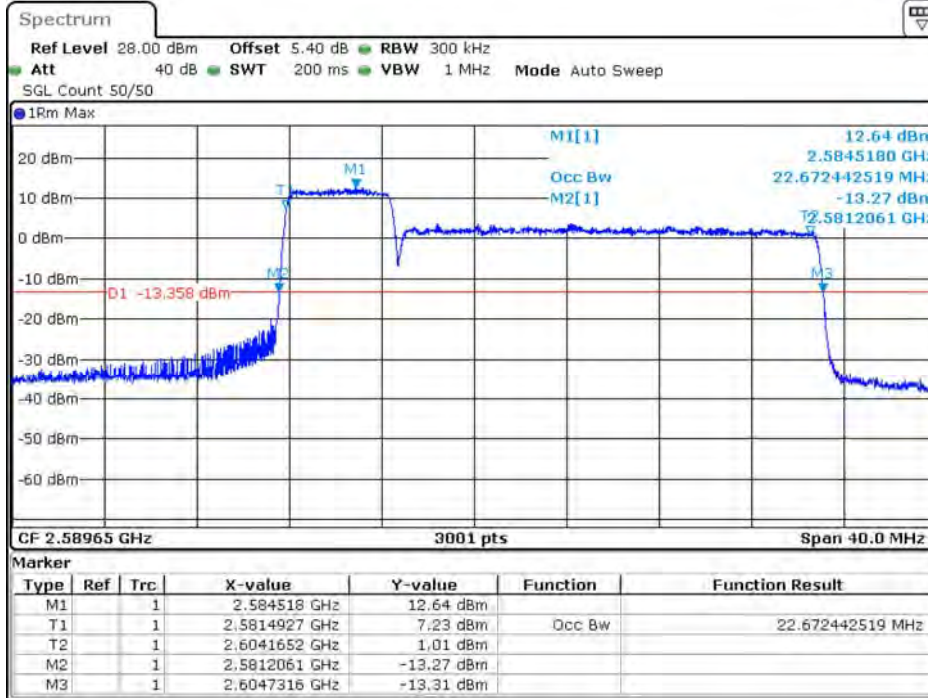
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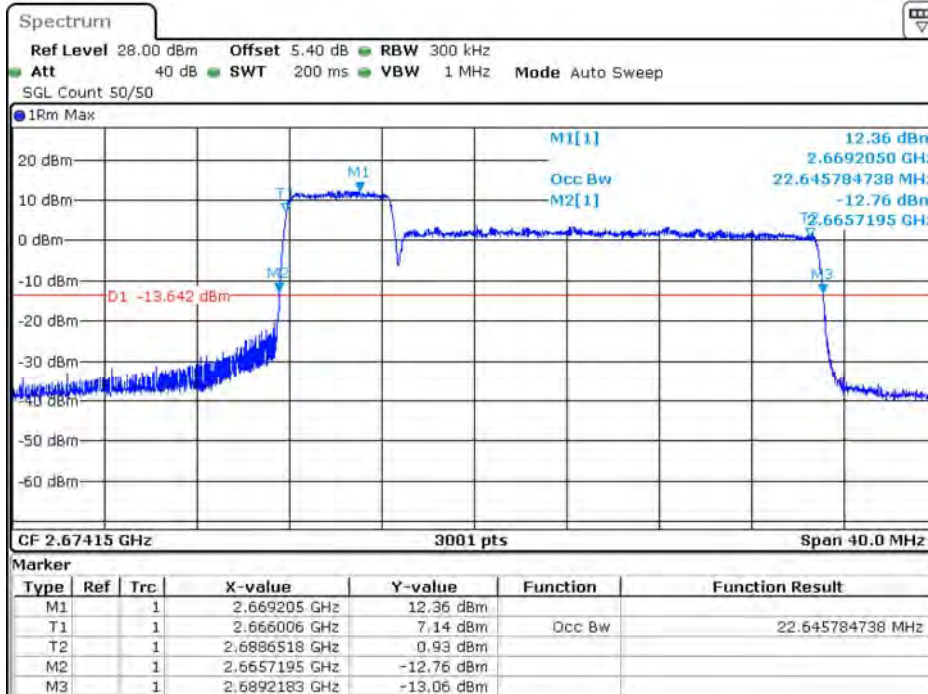
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CA_41C_5+20_QPSK_40528+40645_25RB#0+100RB#0



Date: 26 MAY 2021 09:29:07

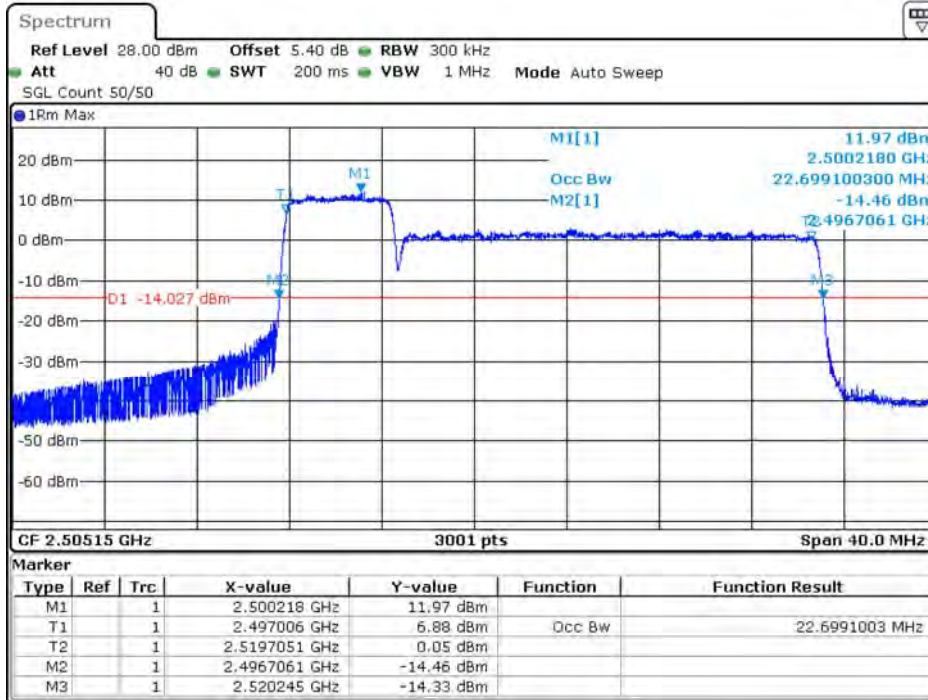
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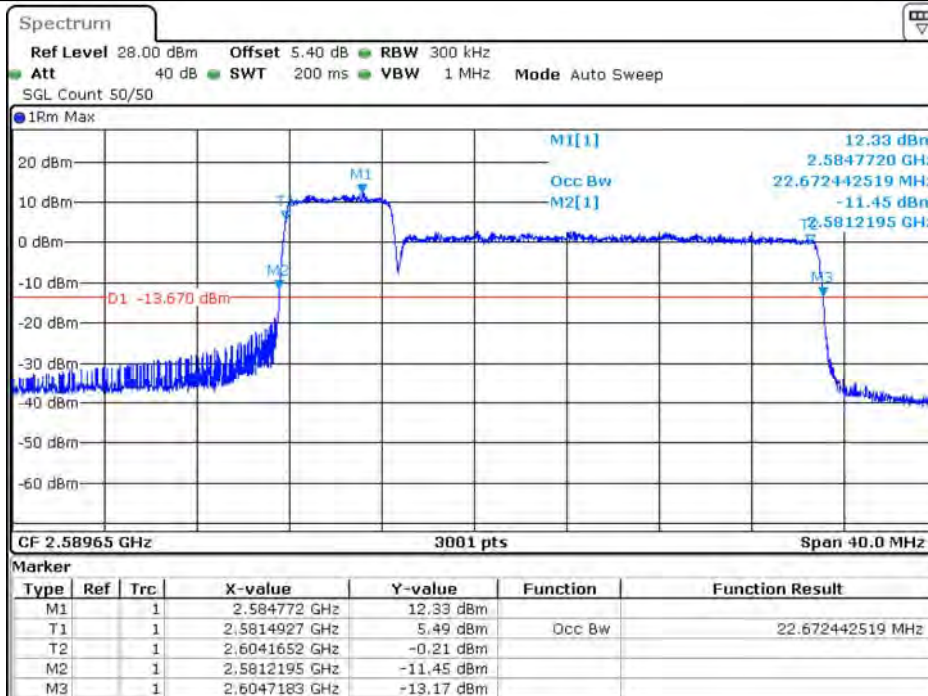


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Date: 26 MAY 2021 09:28:22

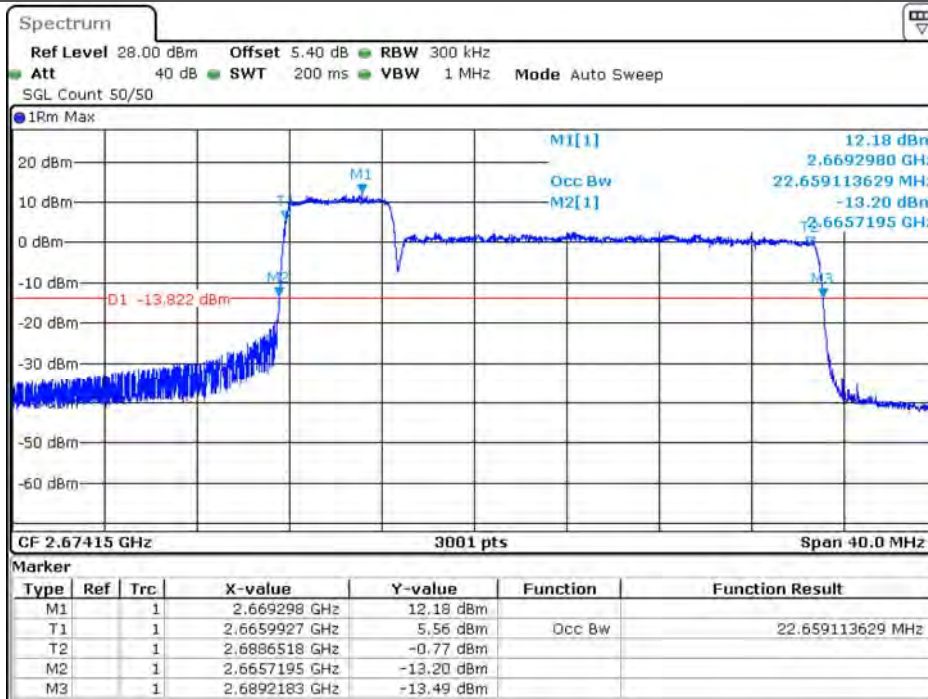
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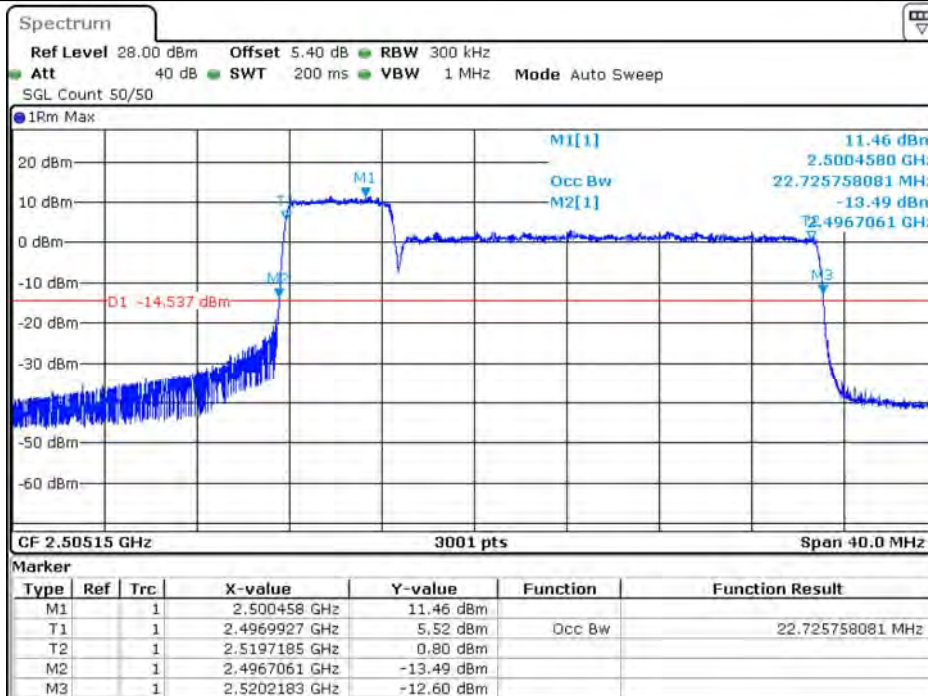


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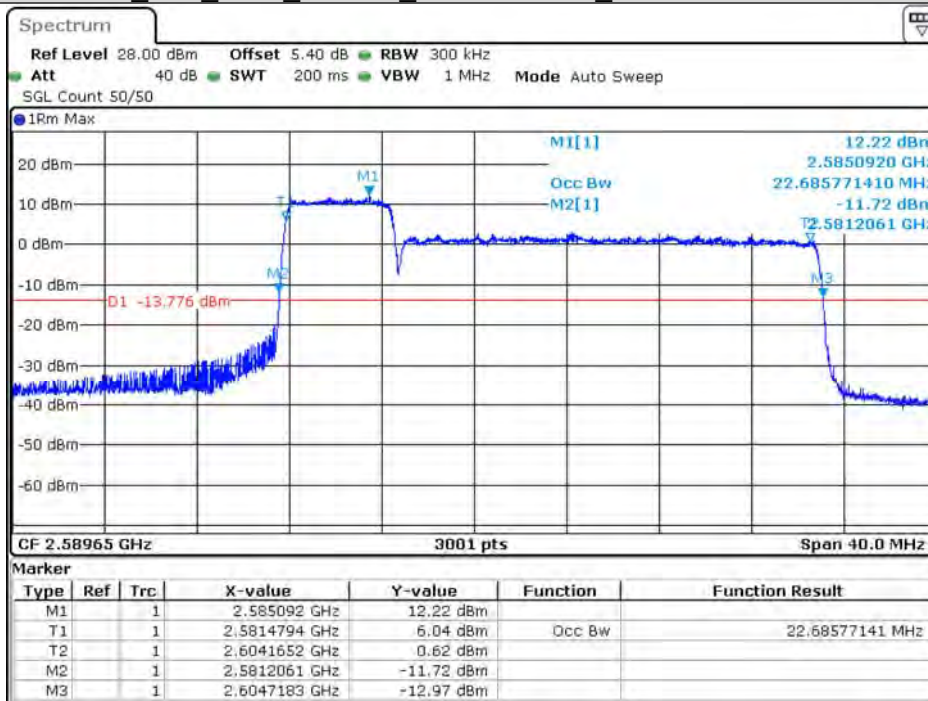
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Date: 26 MAY 2021 09:28:40

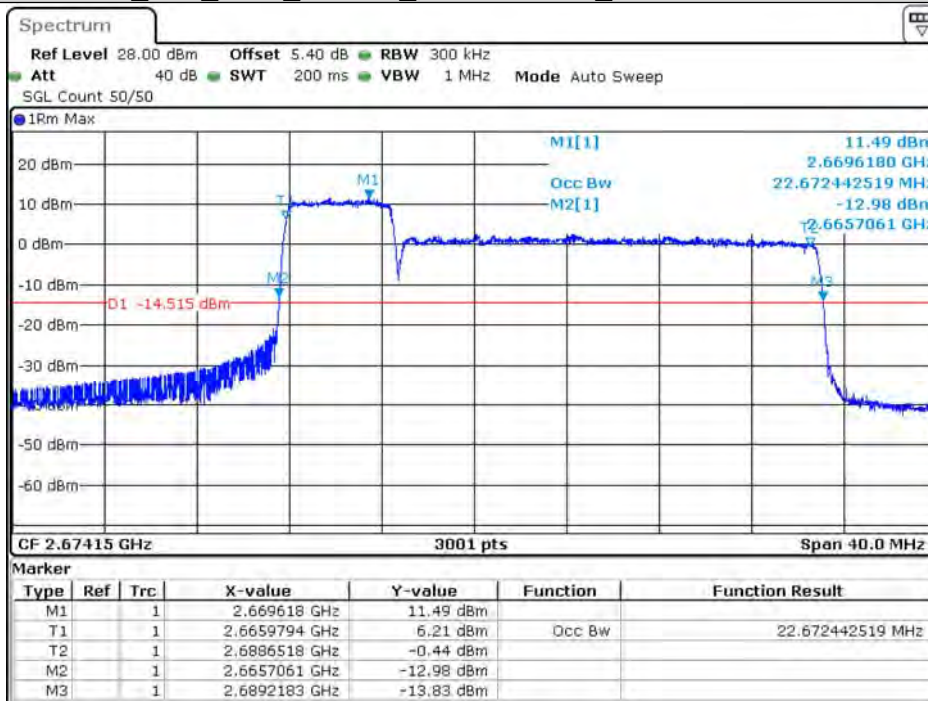


CA_41C_5+20_64QAM_40528+40645_25RB#0+100RB#0



Date: 26 MAY 2021 09:29:41

CA_41C_5+20_64QAM_41373+41490_25RB#0+100RB#0



Date: 26 MAY 2021 09:30:47

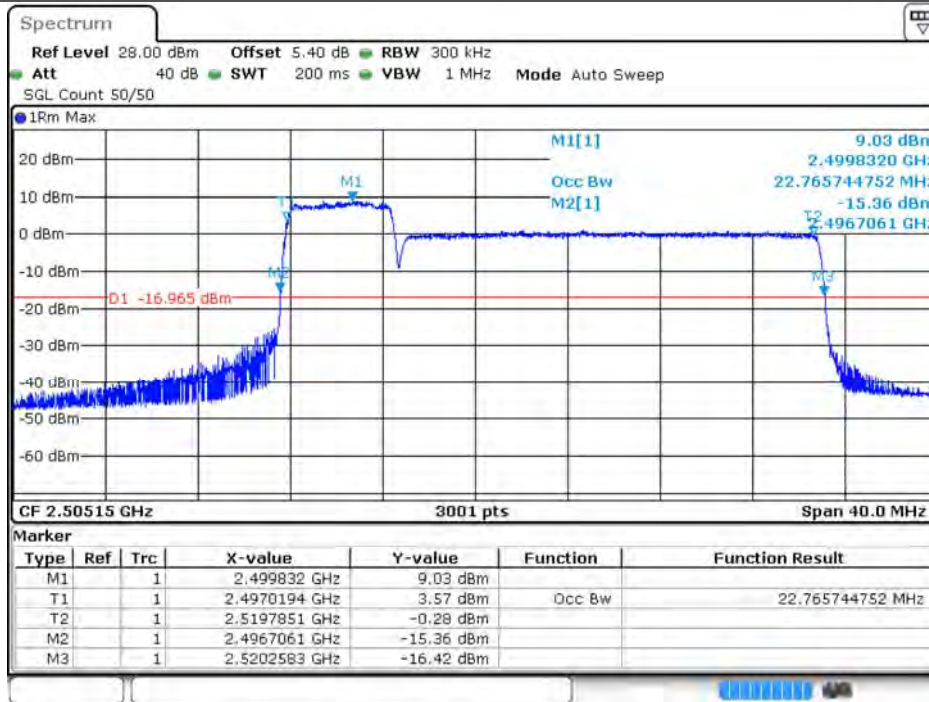


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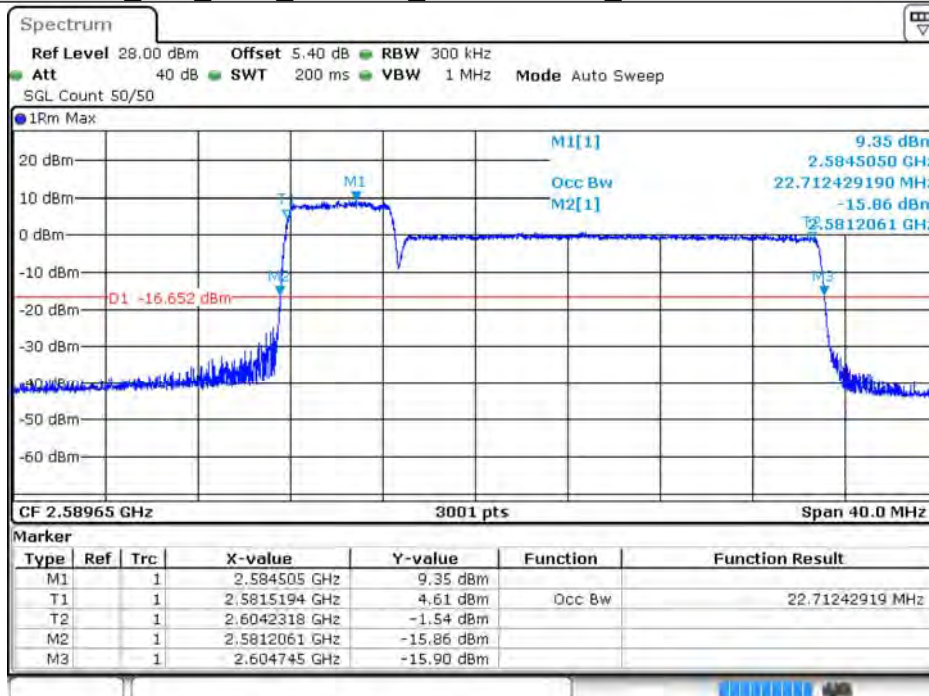
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CA 41C 5+20 256QAM 39683+39800 25RB#0+100RB#0



Date: 7.MAY.2021 01:16:24

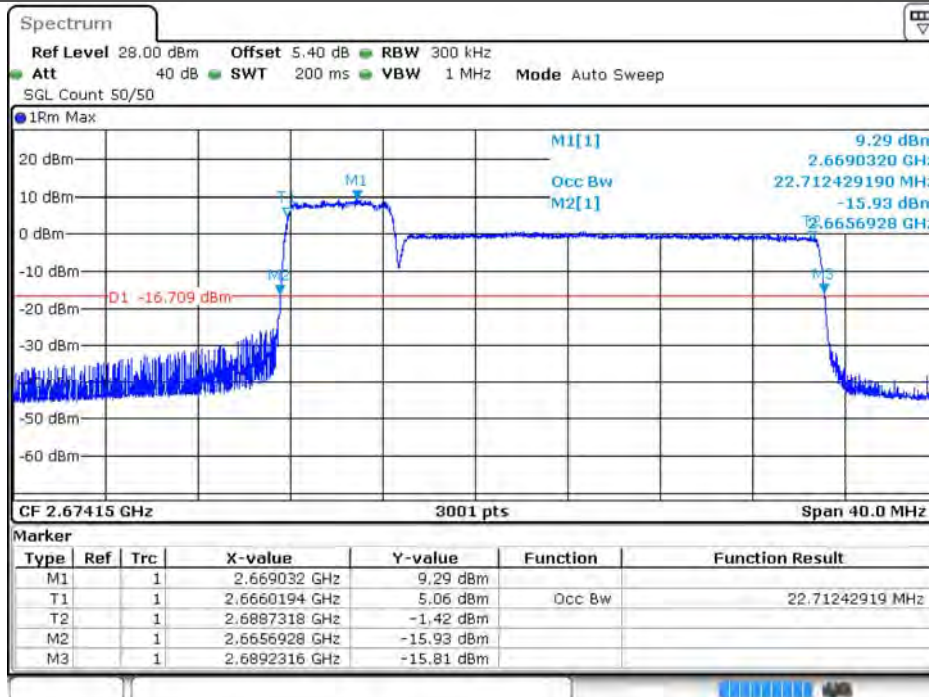
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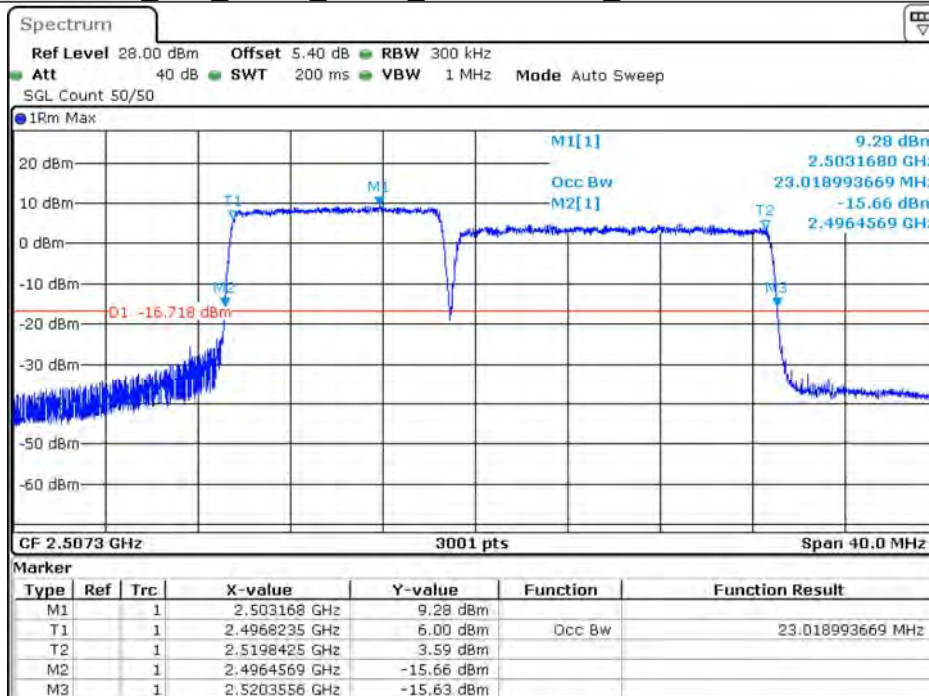


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Date: 7 MAY 2021 01:17:22

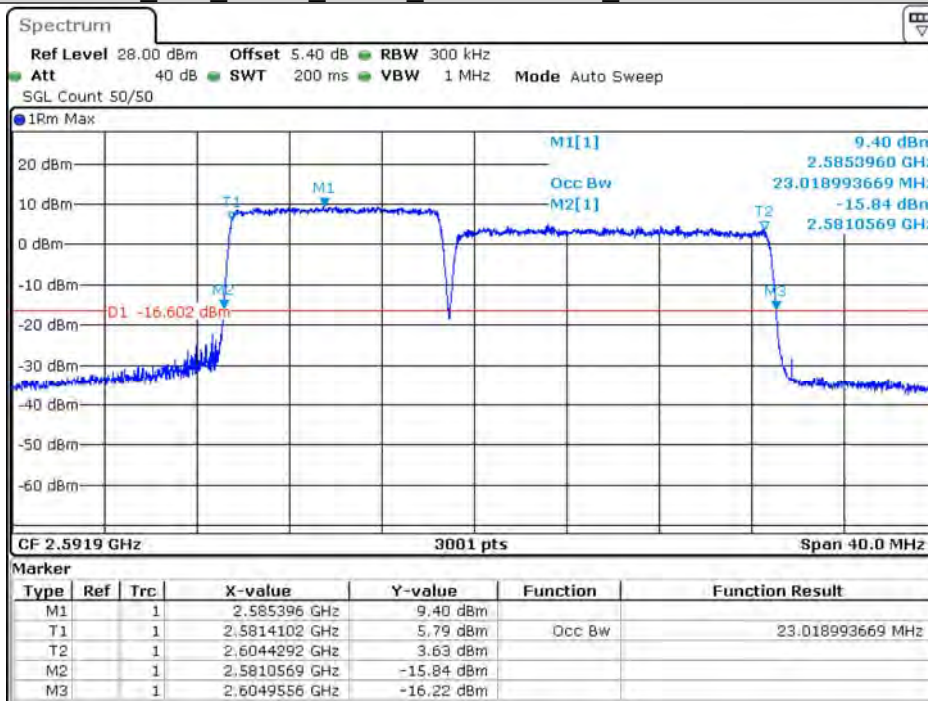
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Date: 26 MAY 2021 09:31:18

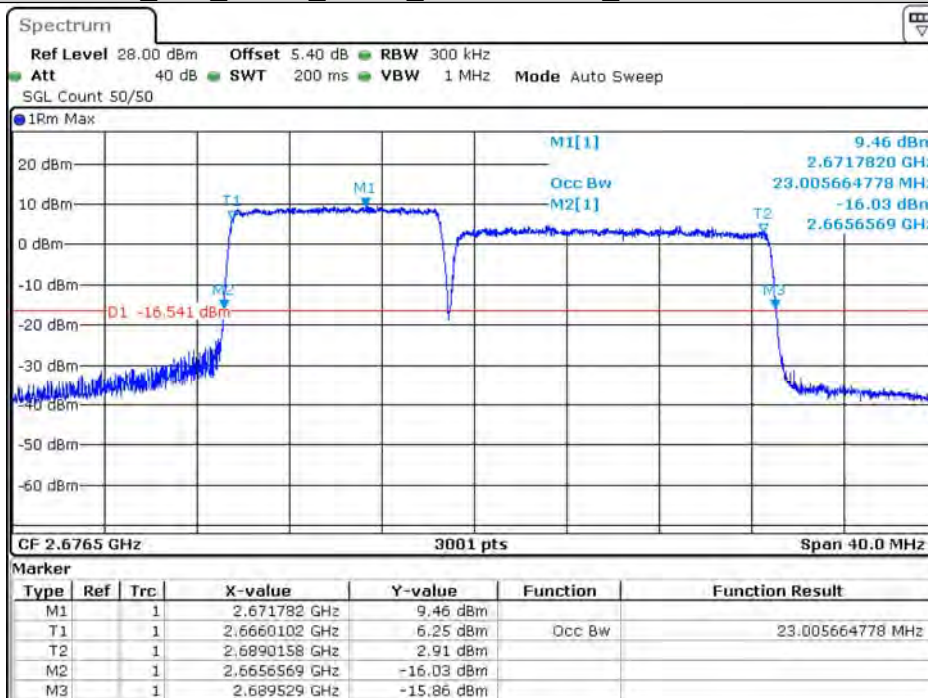


CA_41C_10+15_QPSK_40549+40669_50RB#0+75RB#0



Date: 26 MAY 2021 09:32:19

CA_41C_10+15_QPSK_41395+41515_50RB#0+75RB#0



Date: 26 MAY 2021 09:33:22



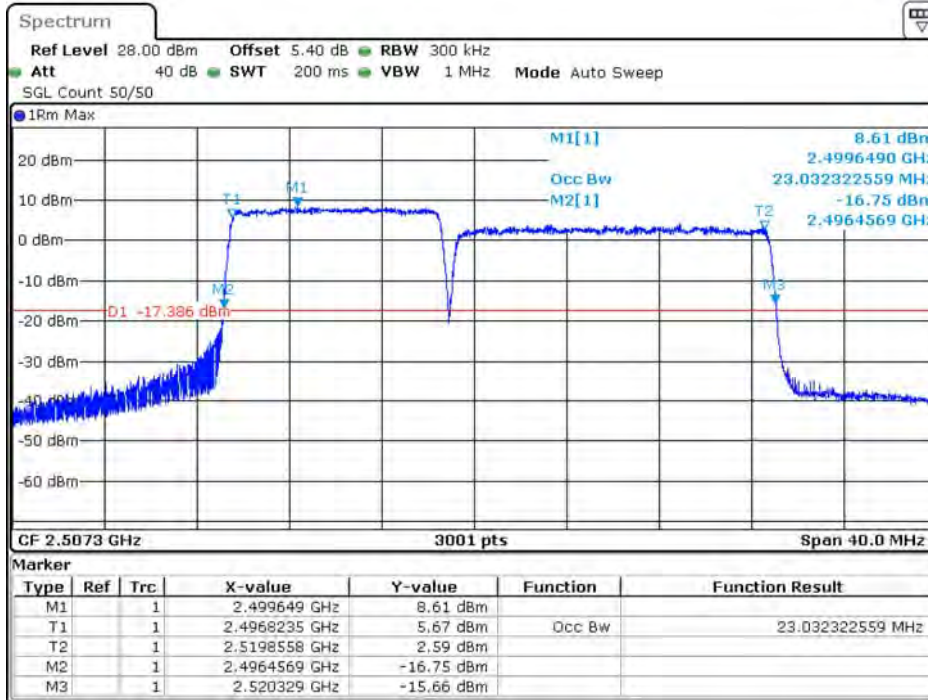
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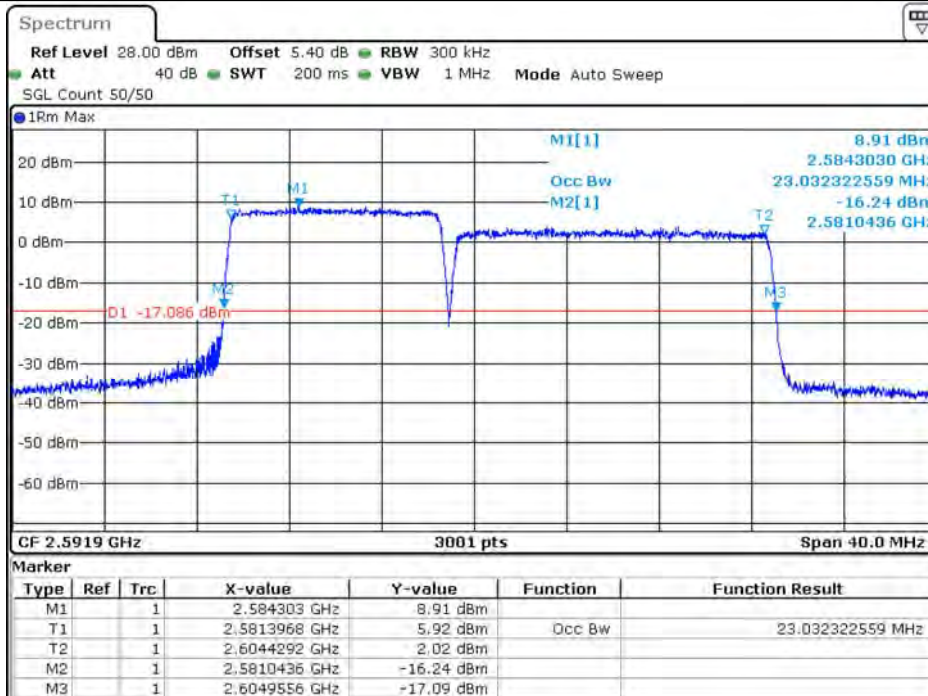
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CA_41C_10+15_16QAM_39703+39823_50RB#0+75RB#0



Date: 26 MAY 2021 09:31:35

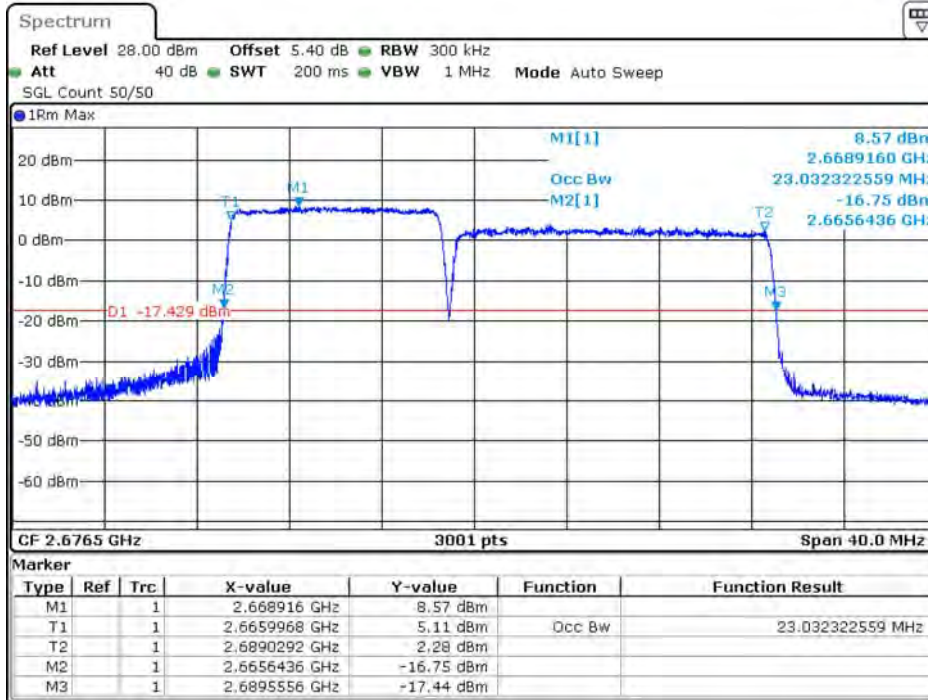
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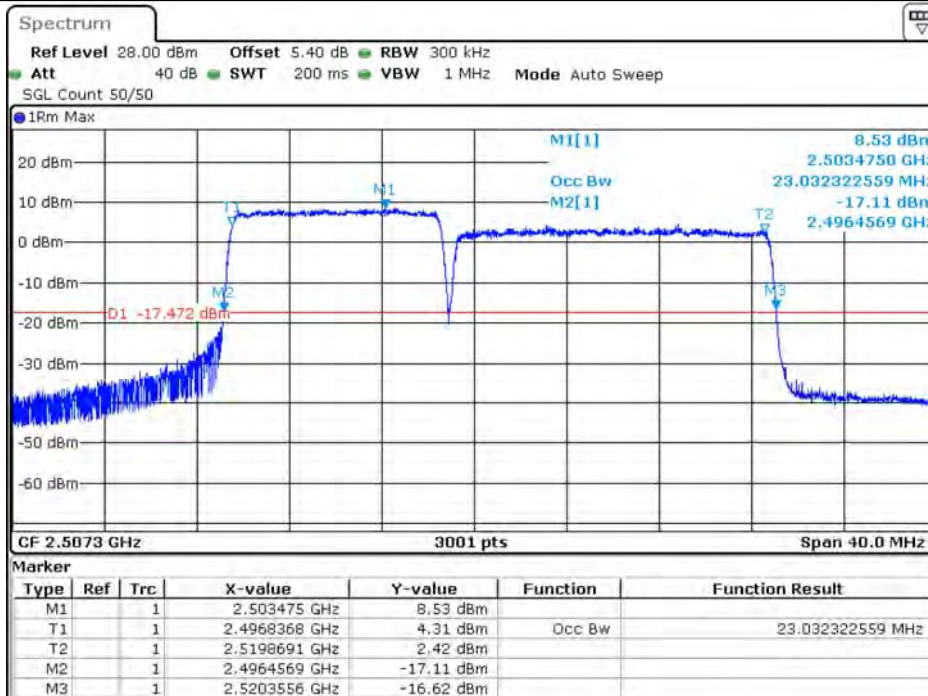


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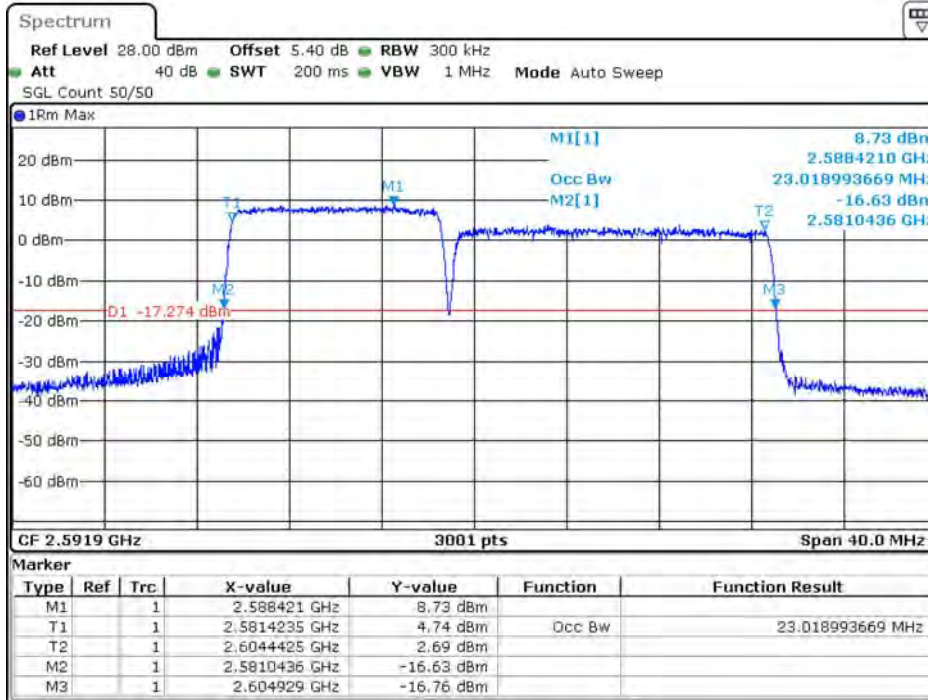
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Date: 26 MAY 2021 09:31:52

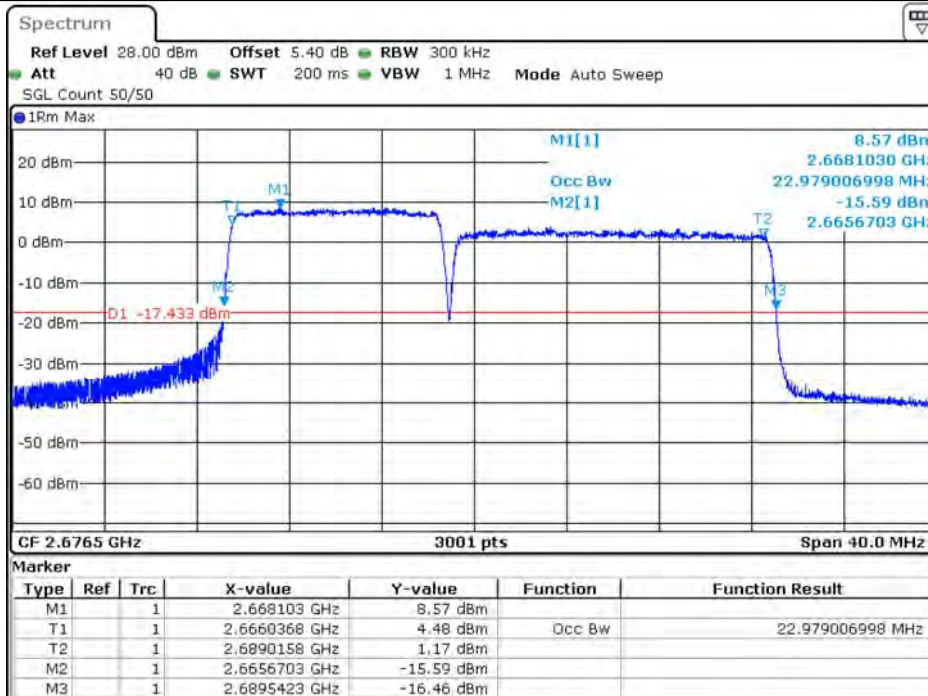


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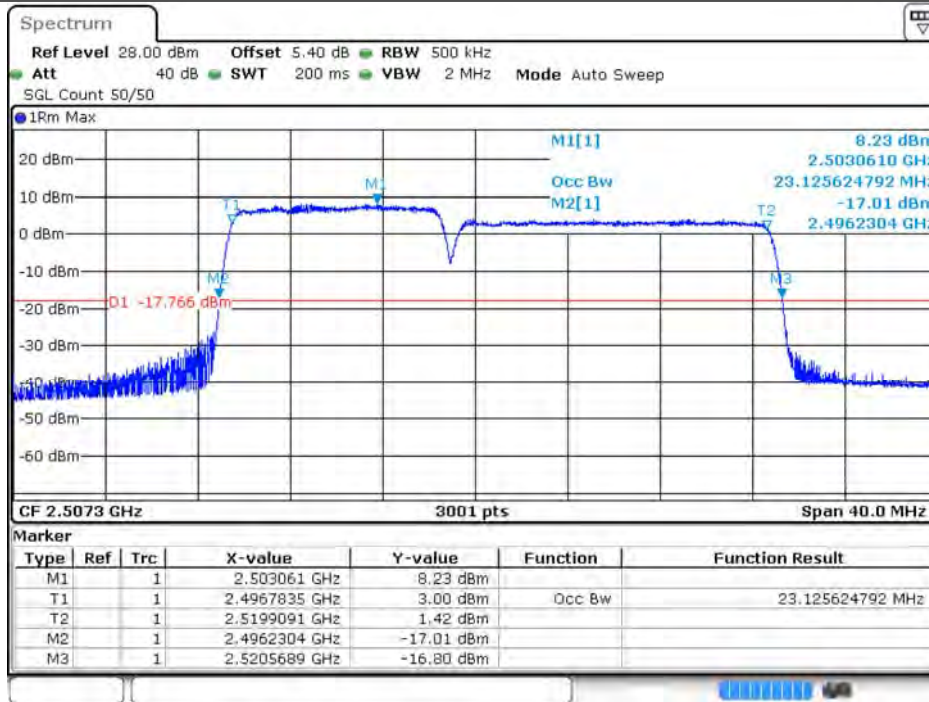
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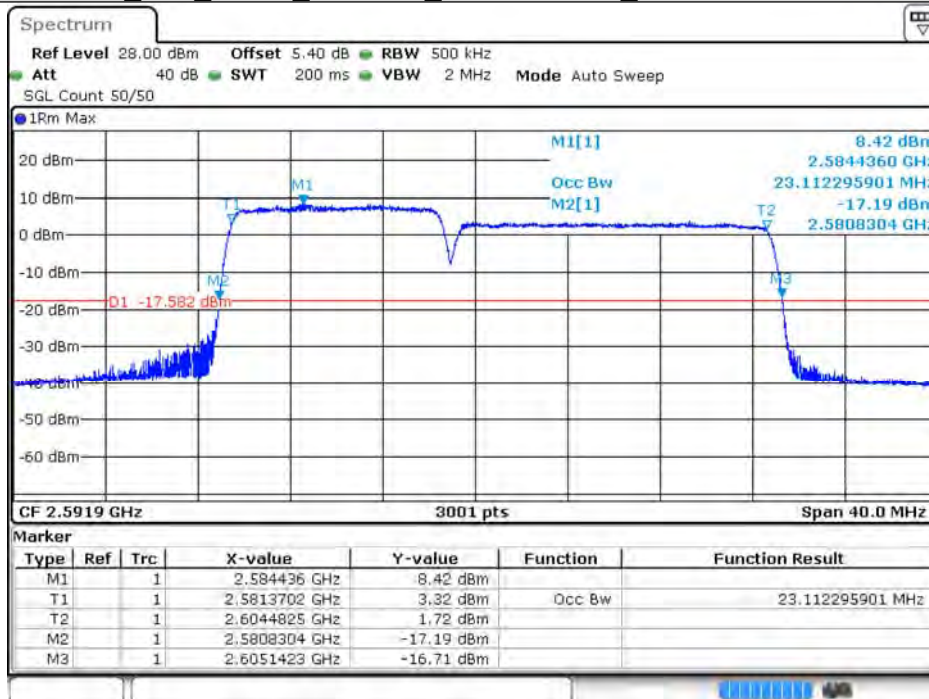


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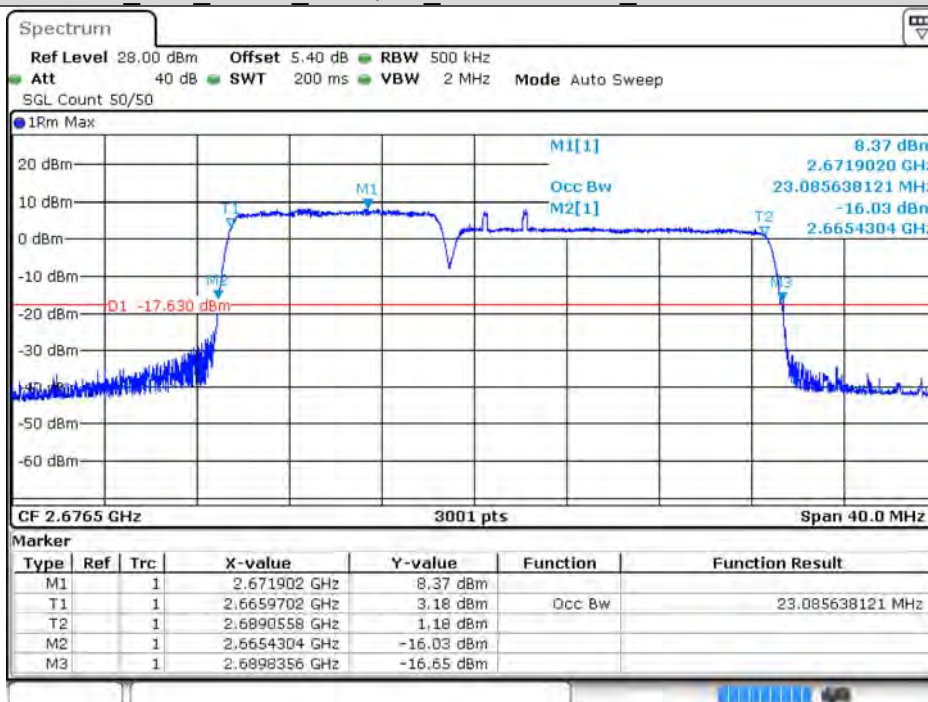
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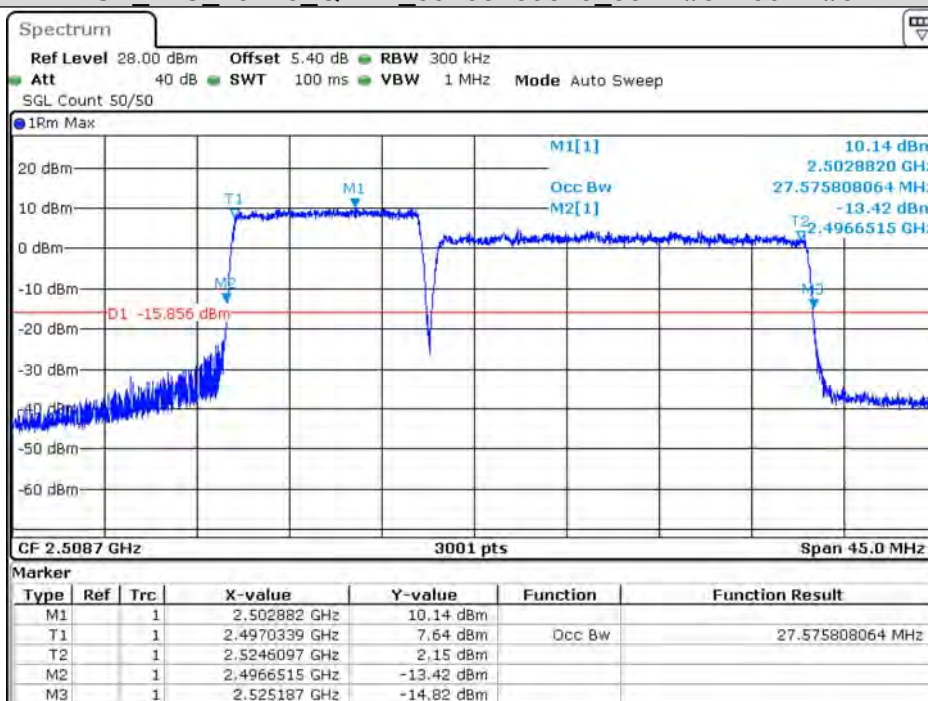


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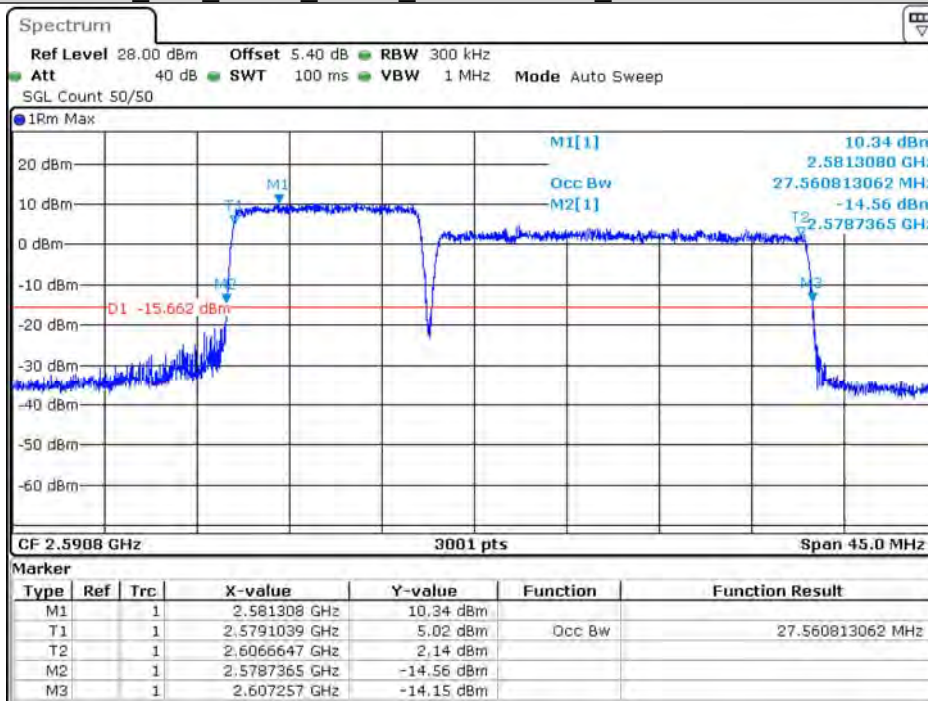
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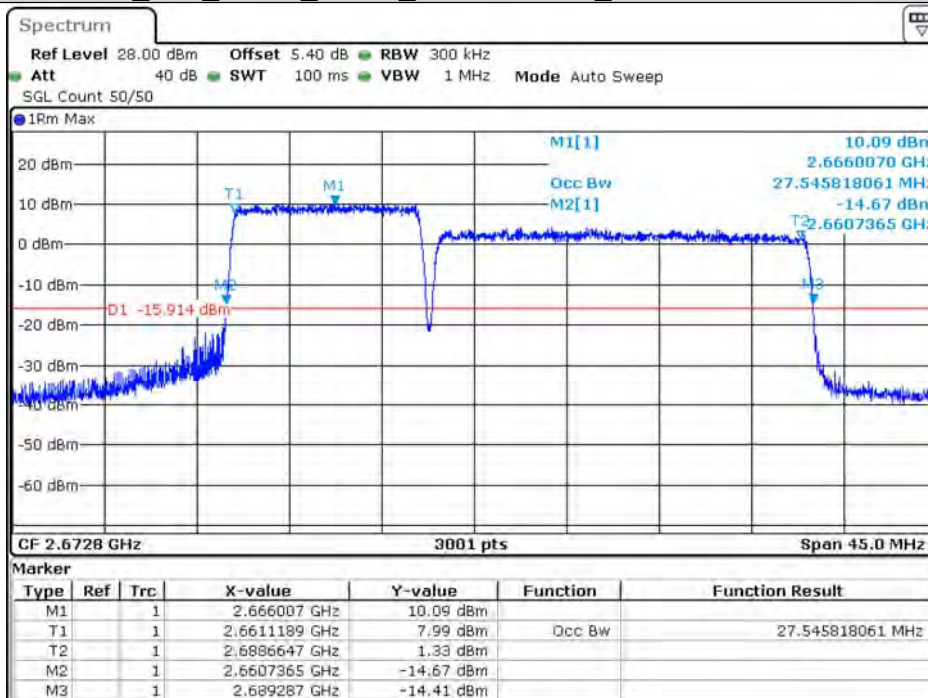


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Date: 26 MAY 2021 09:38:16

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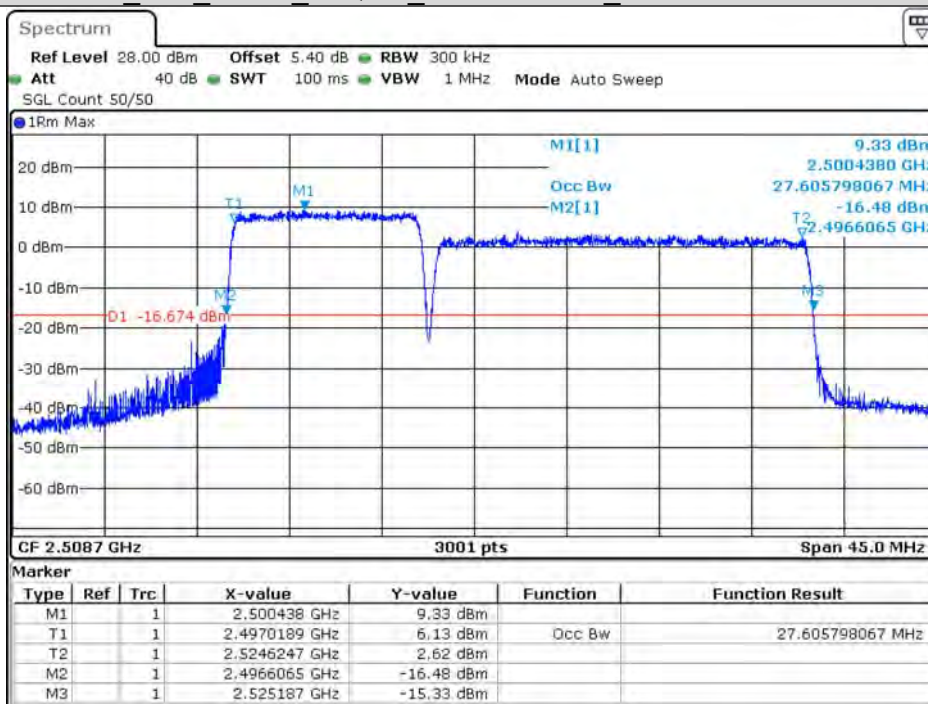


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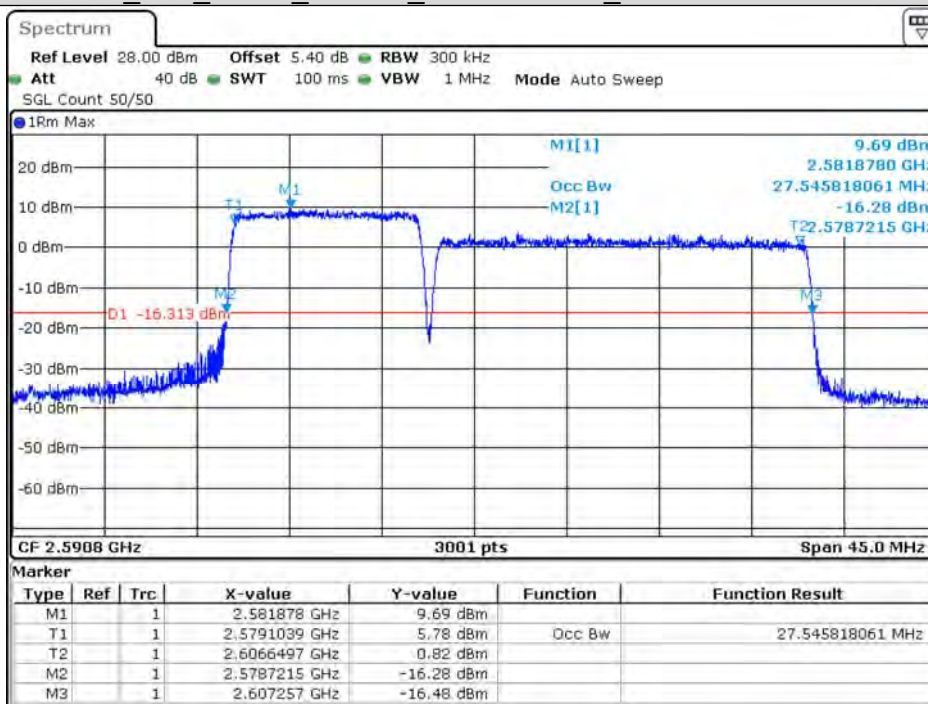
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Date: 26 MAY 2021 09:37:40

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Date: 26 MAY 2021 09:38:27



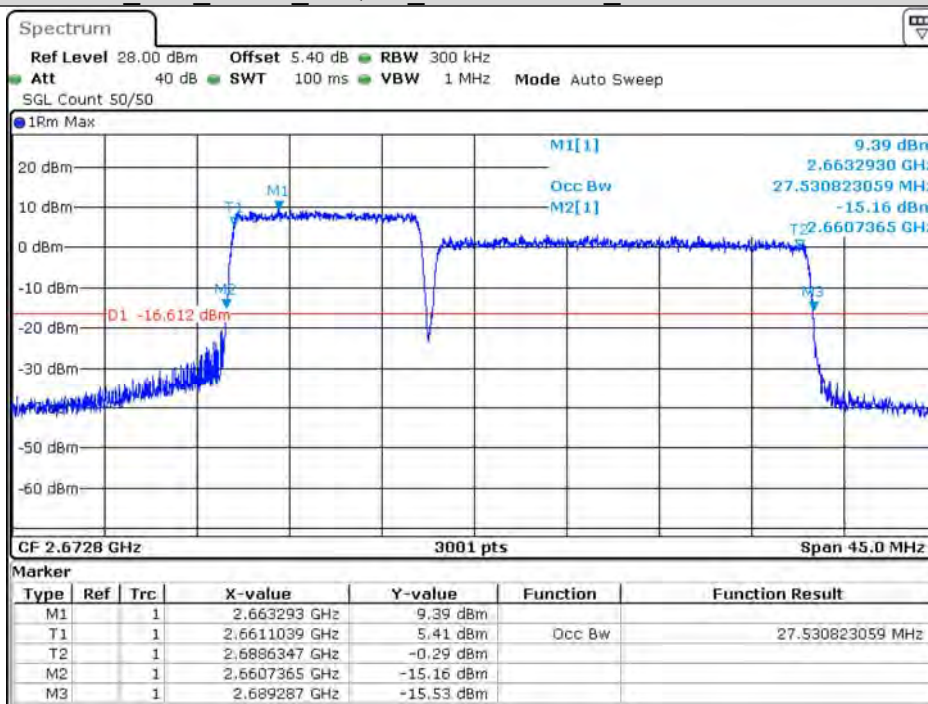
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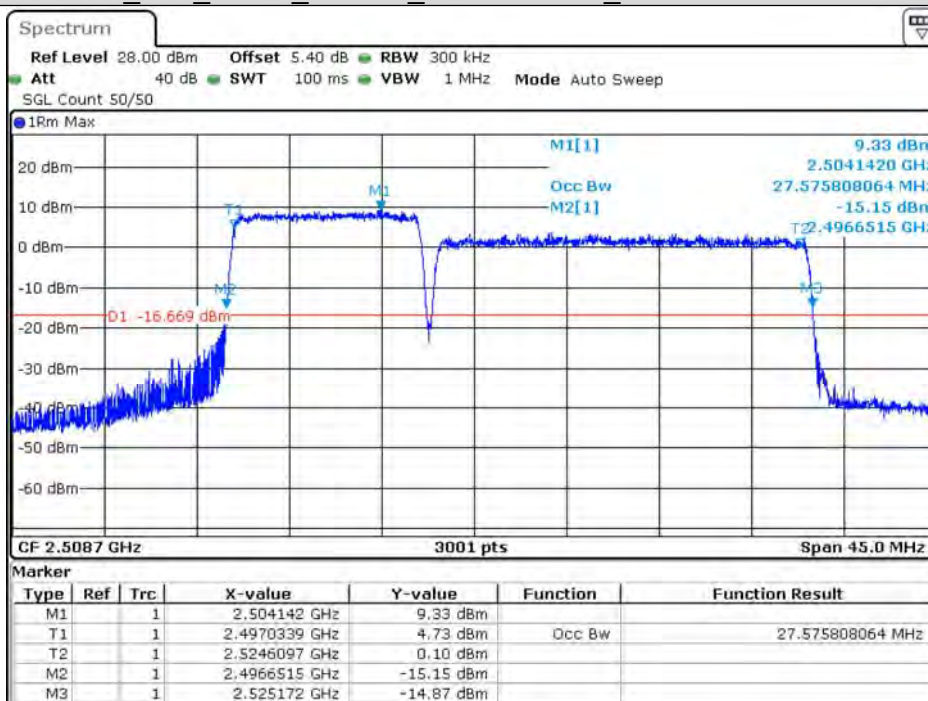
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Date: 26 MAY 2021 09:39:14

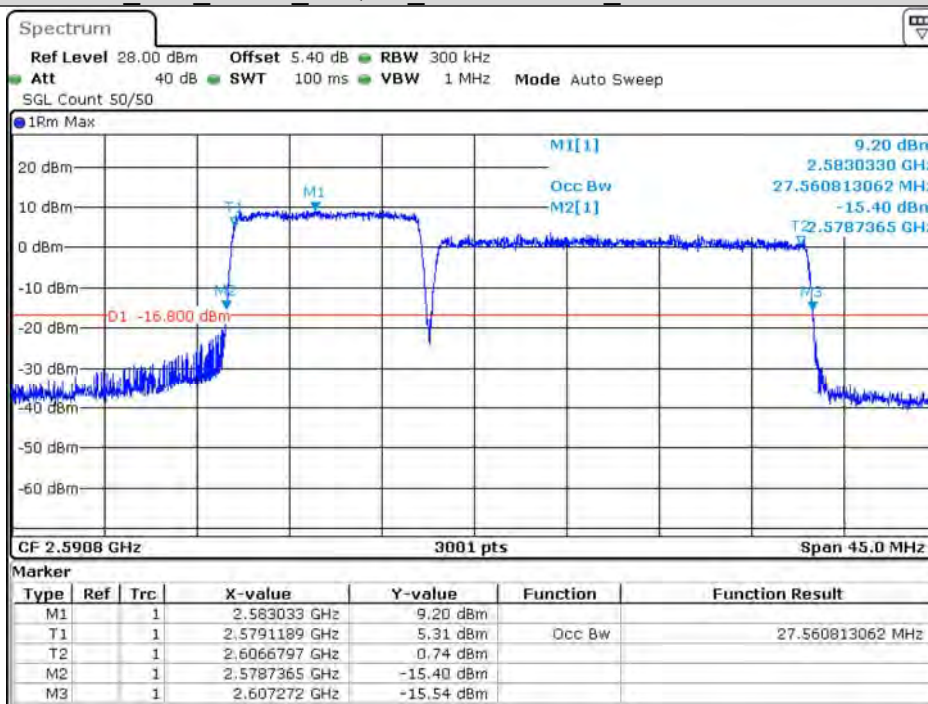
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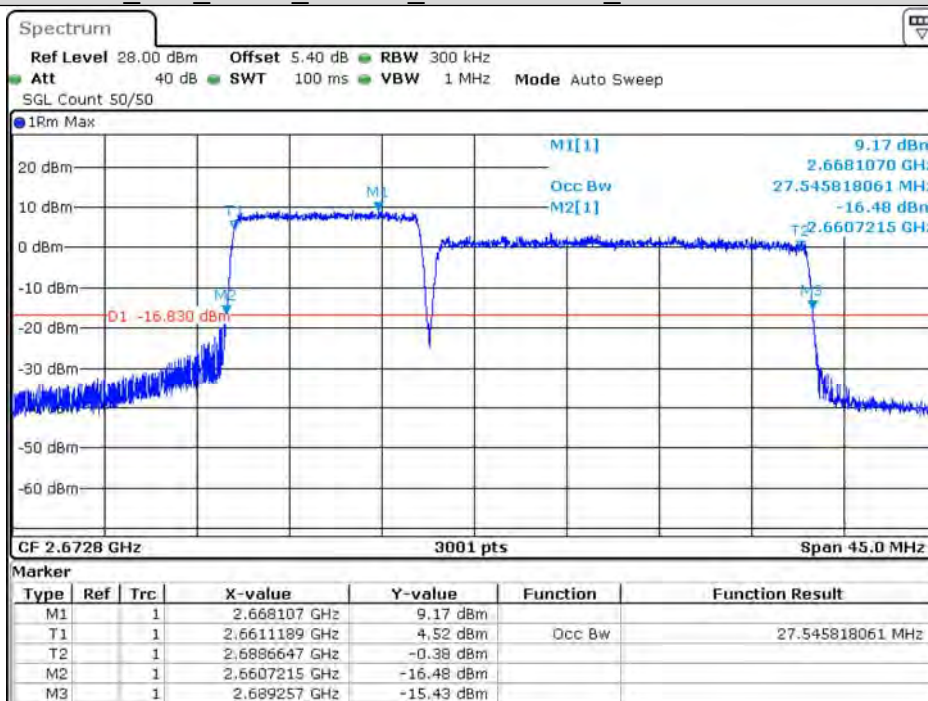


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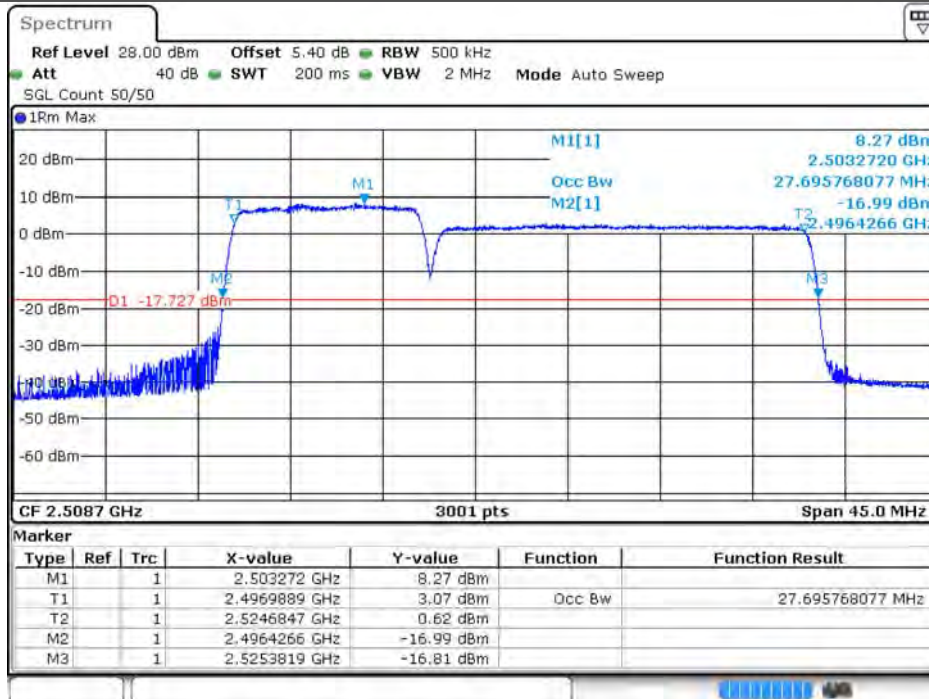


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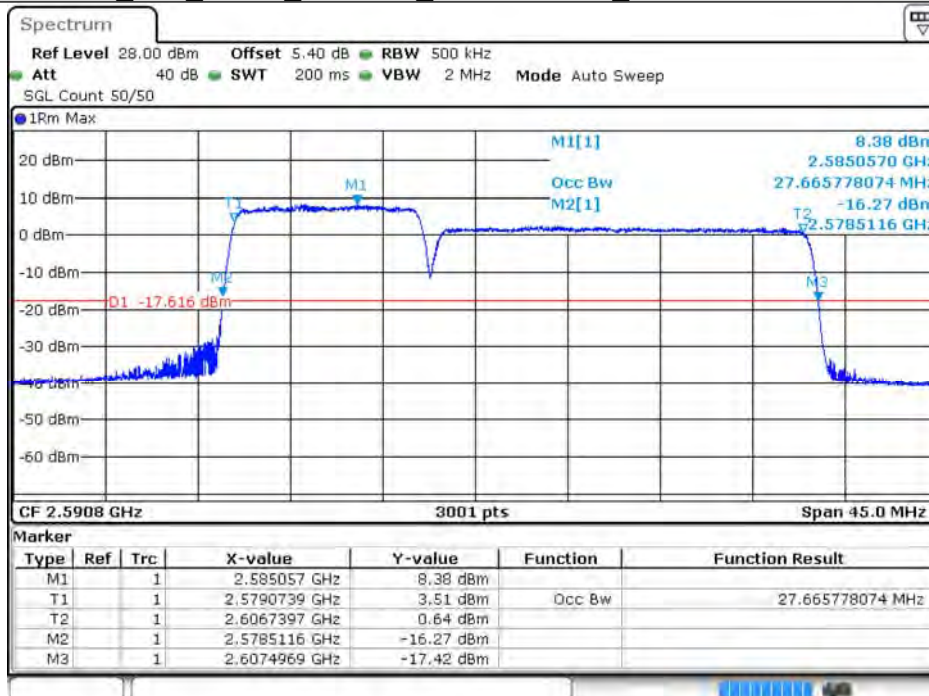
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Date: 7.MAY 2021 01:20:39

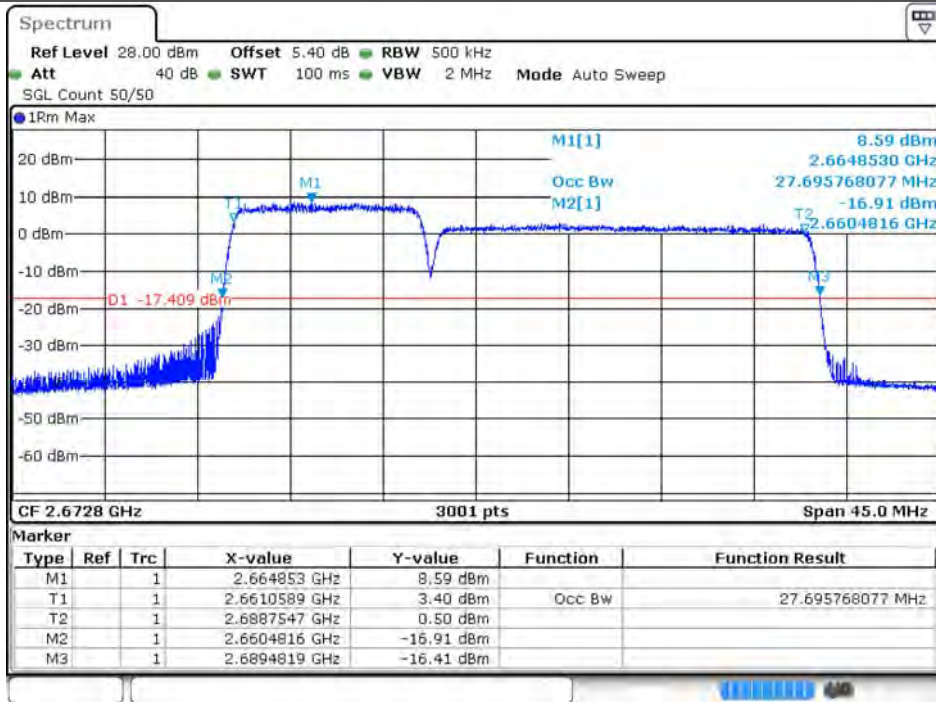
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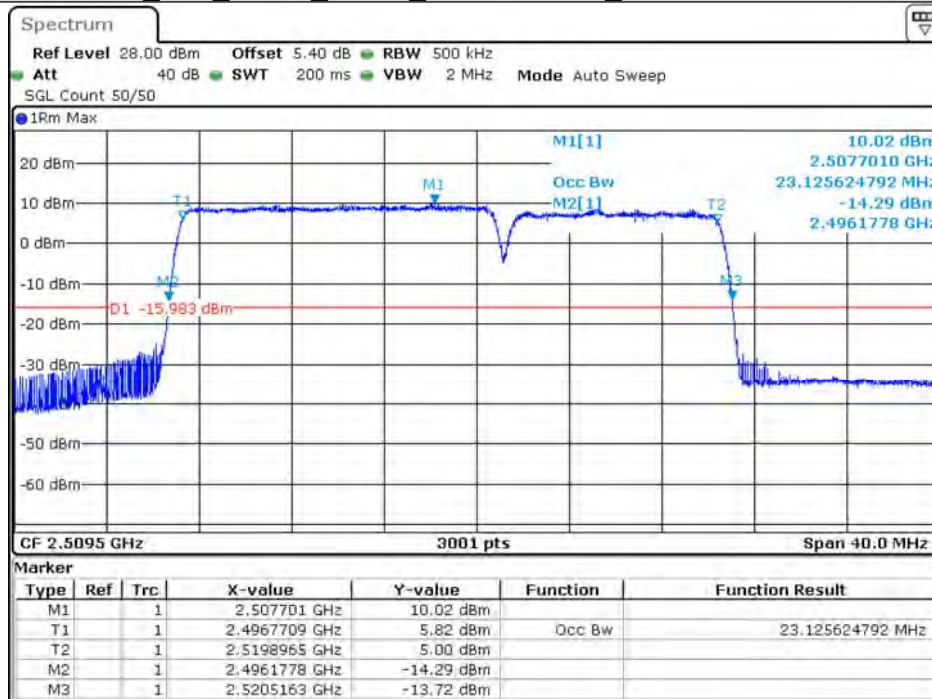


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Date: 7 MAY 2021 01:41:51

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Date: 26 MAY 2021 09:34:22



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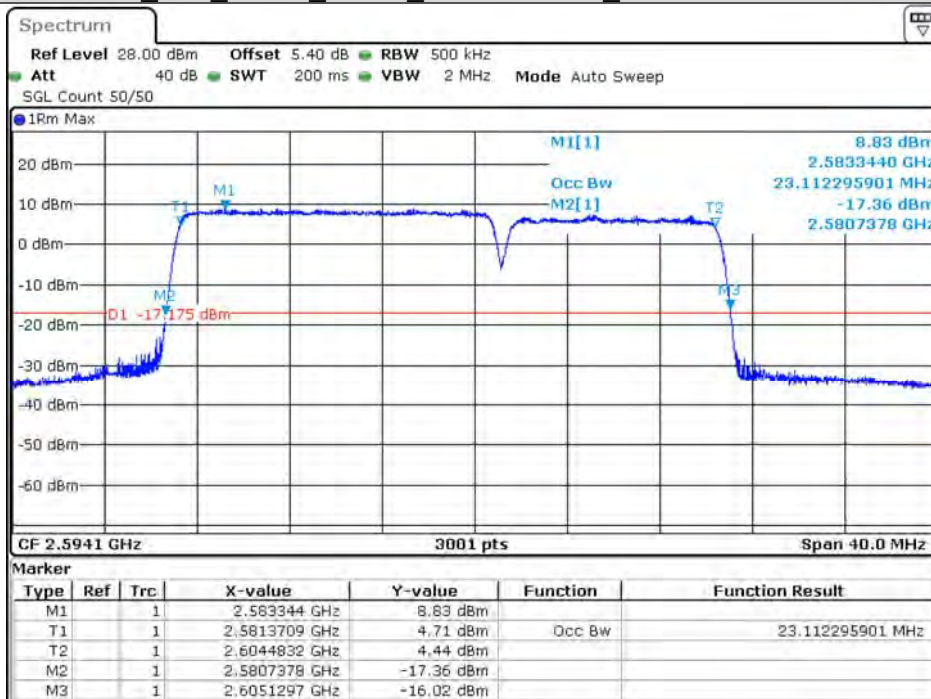
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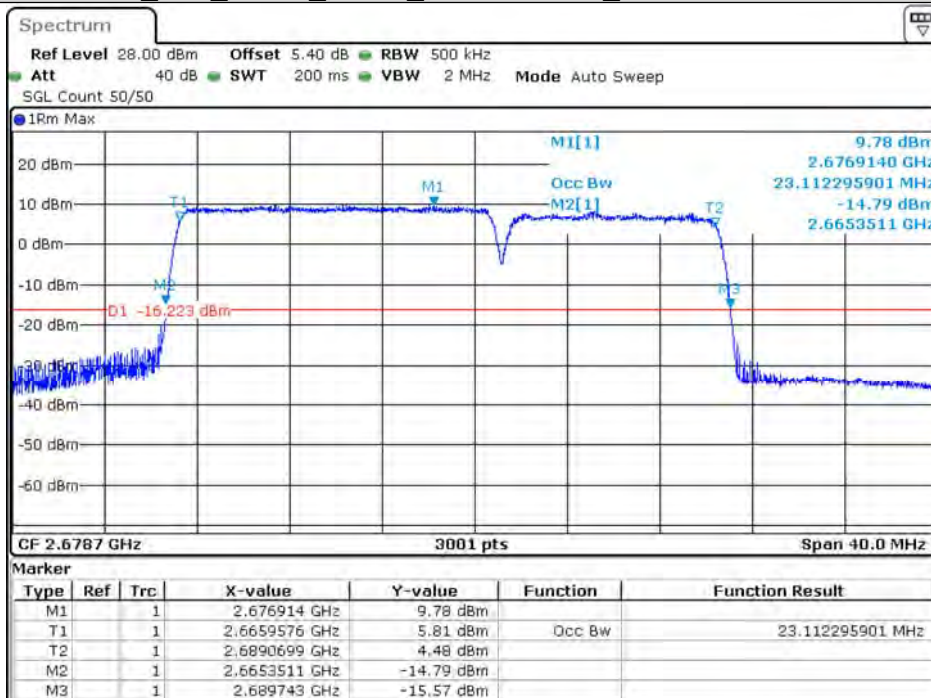
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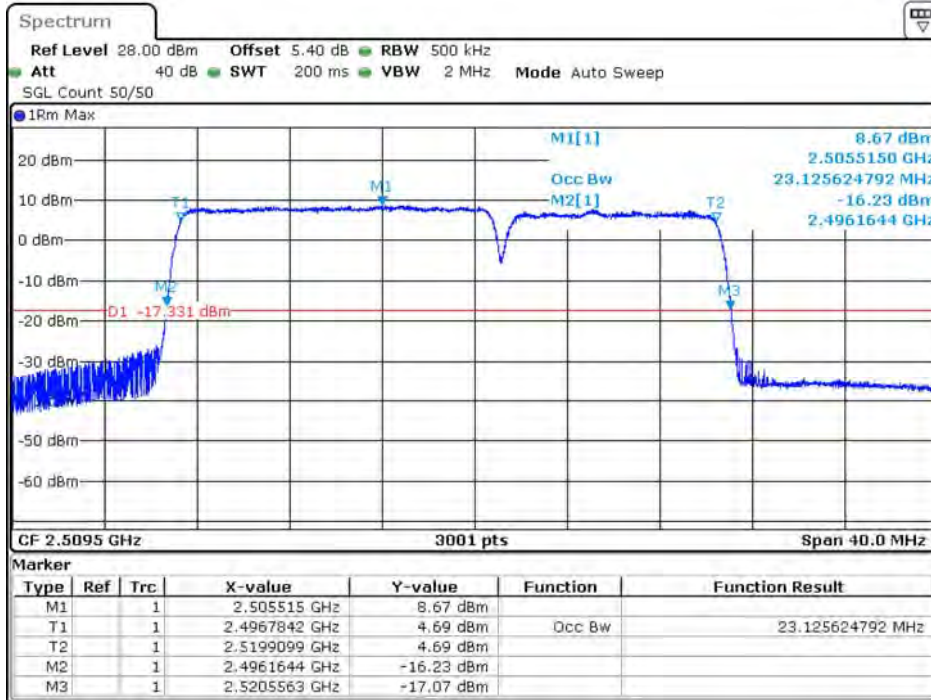
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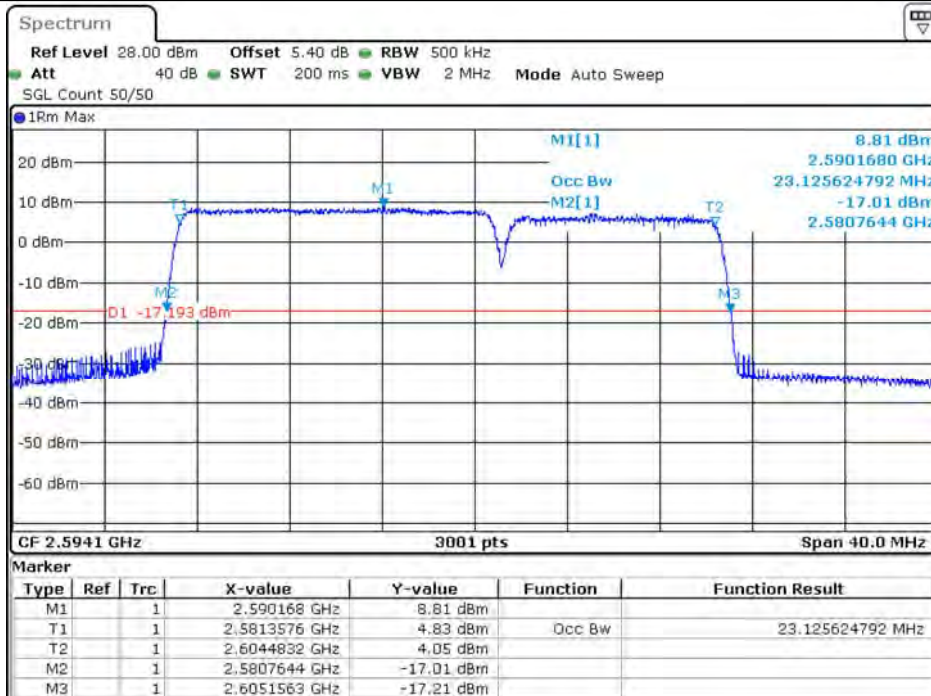


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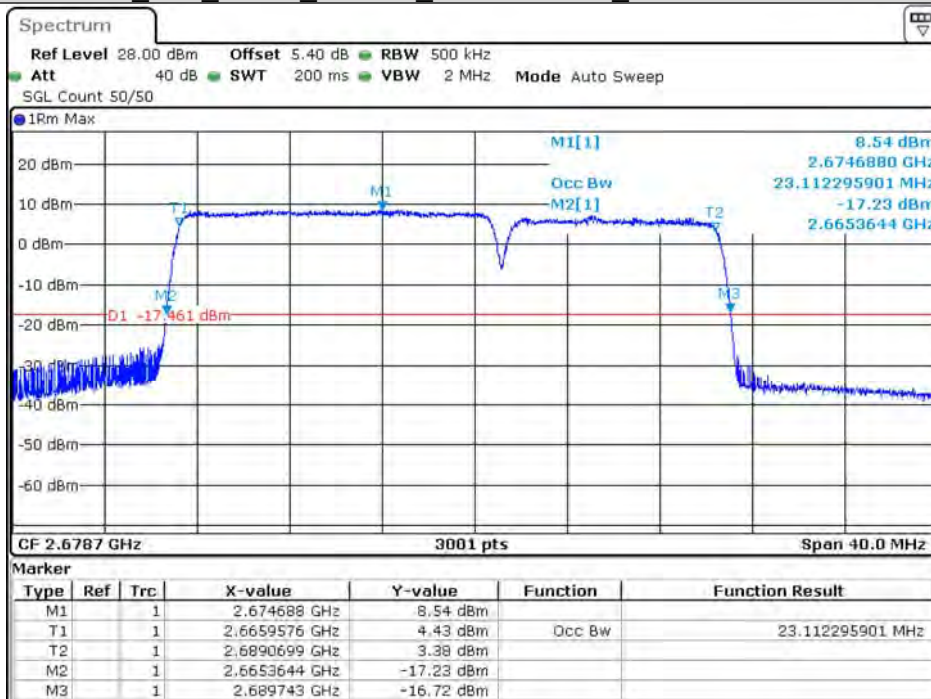
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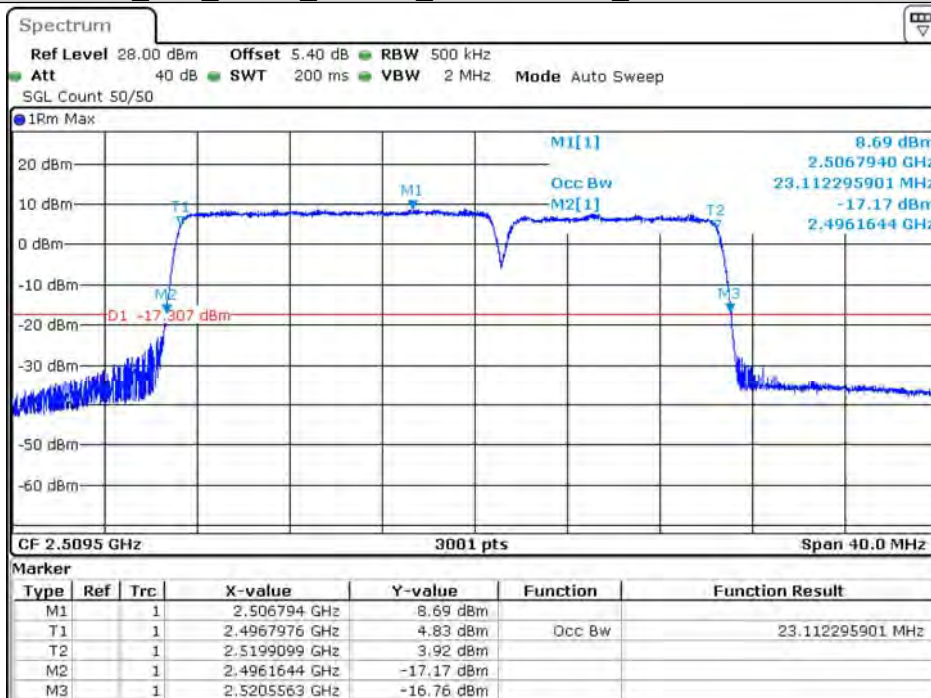


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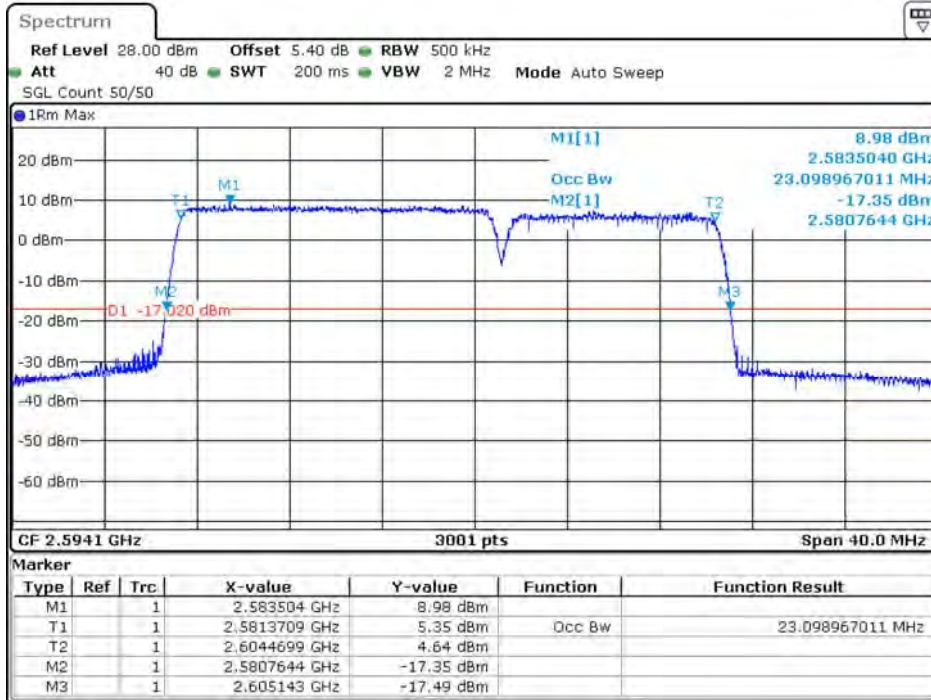
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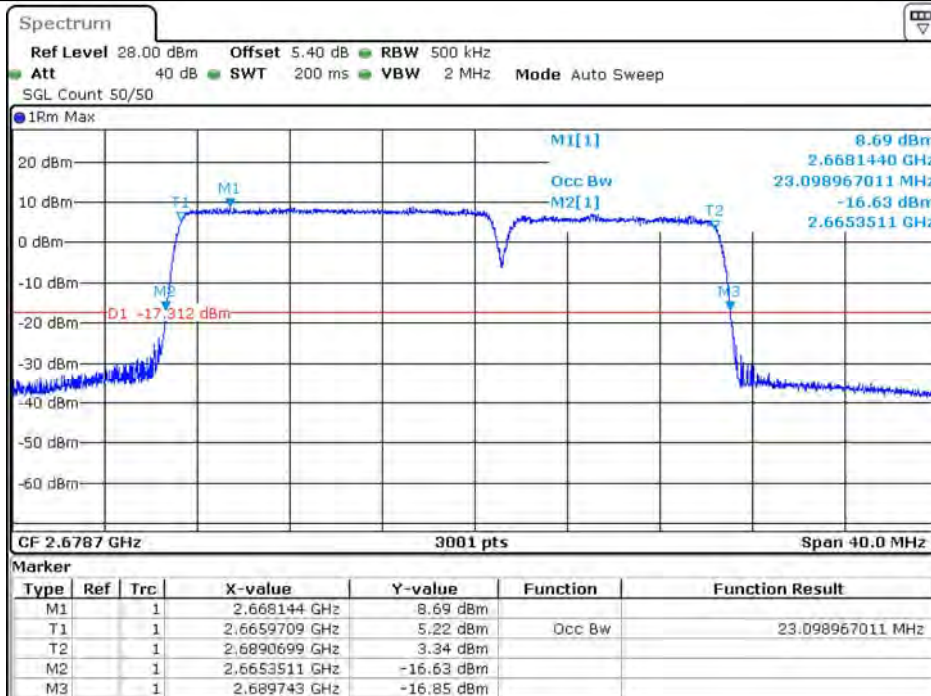
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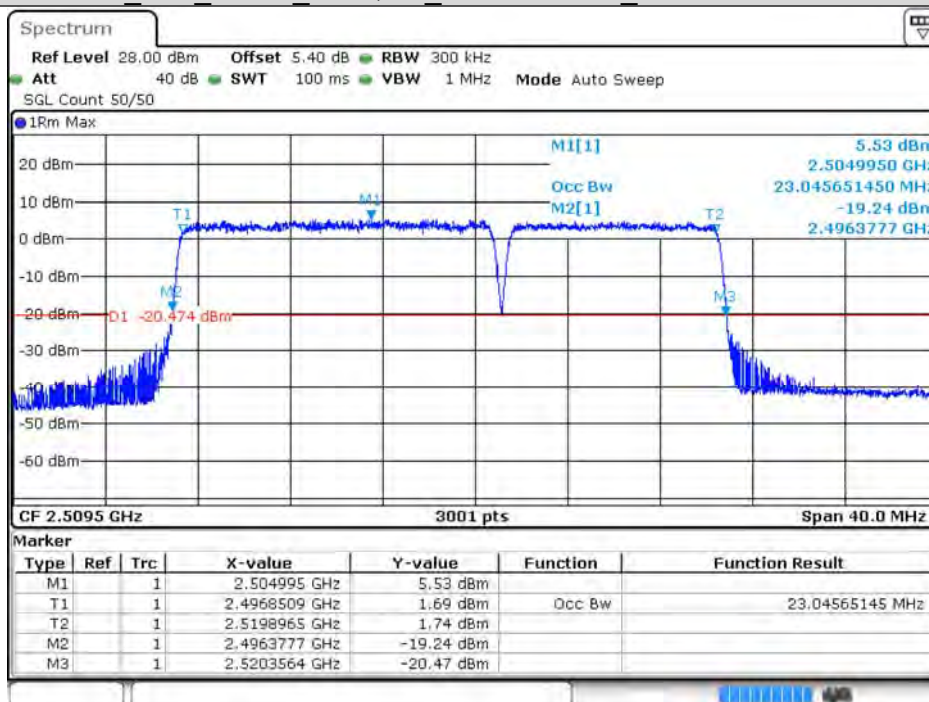
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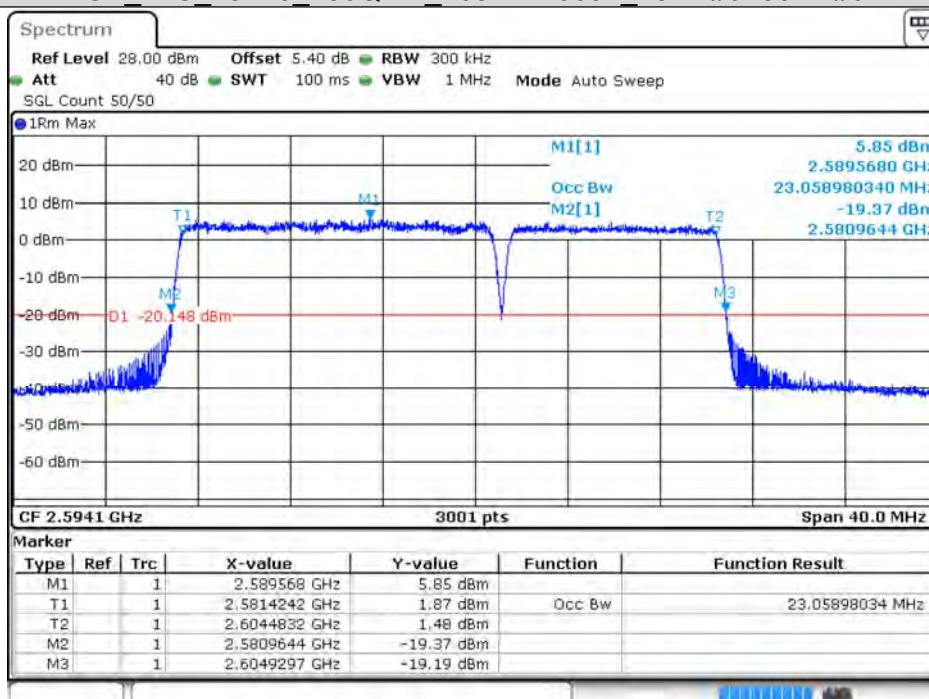


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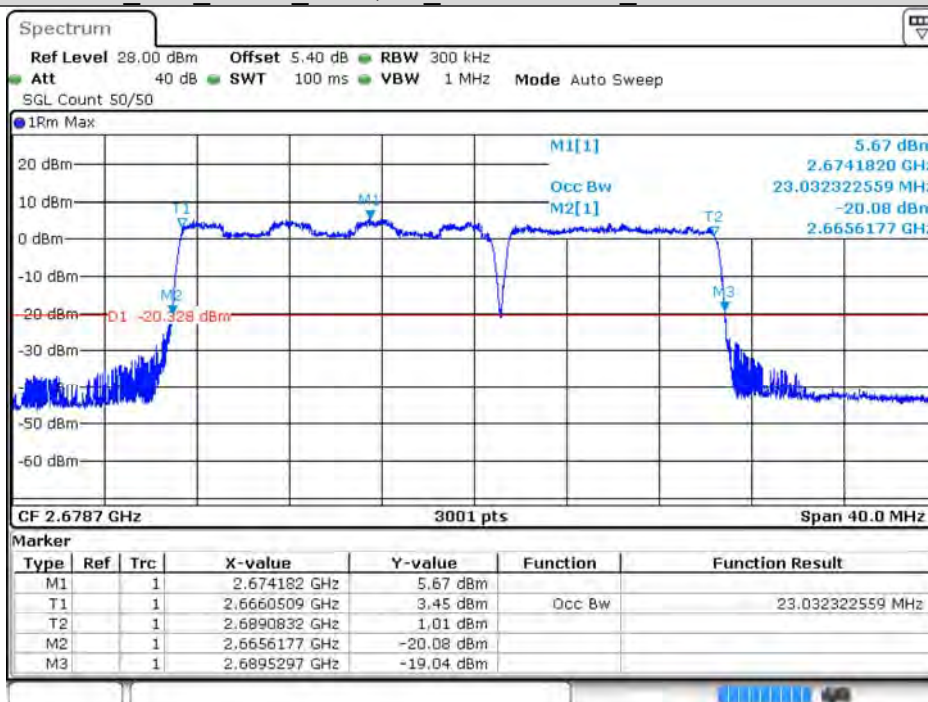


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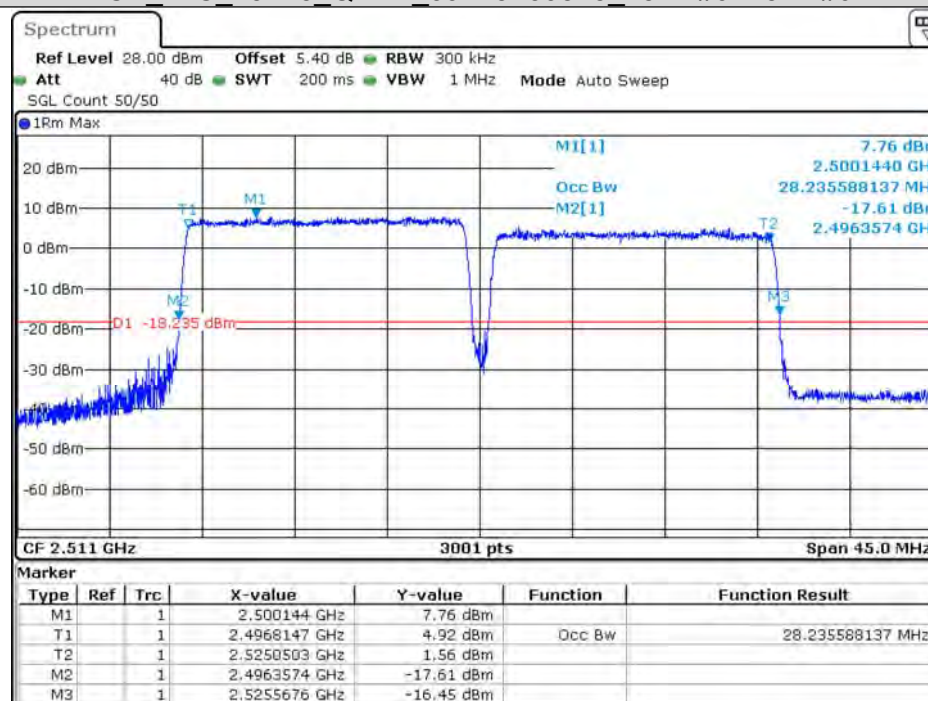
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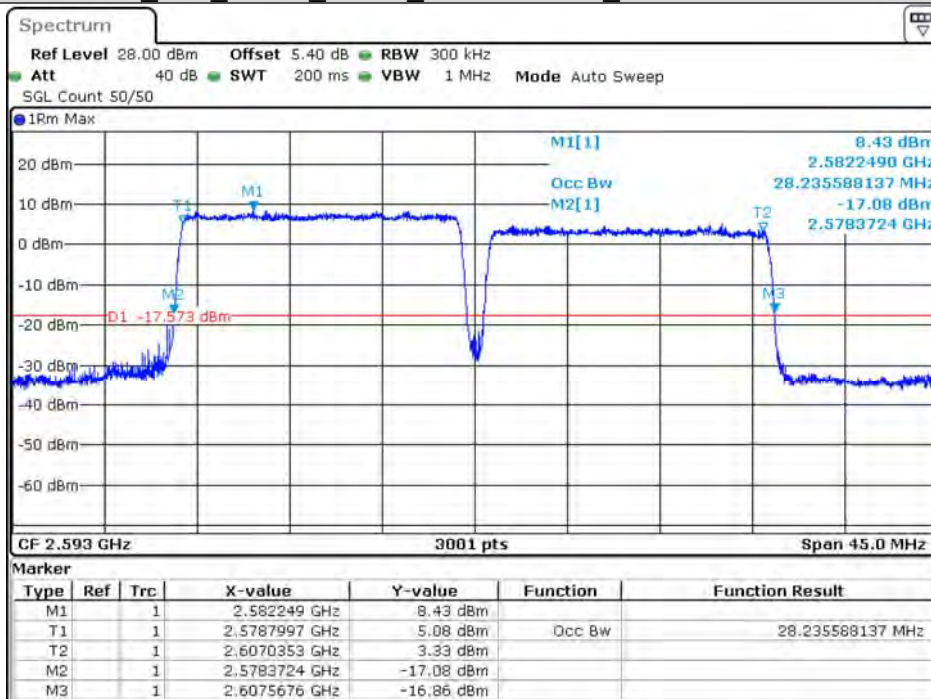
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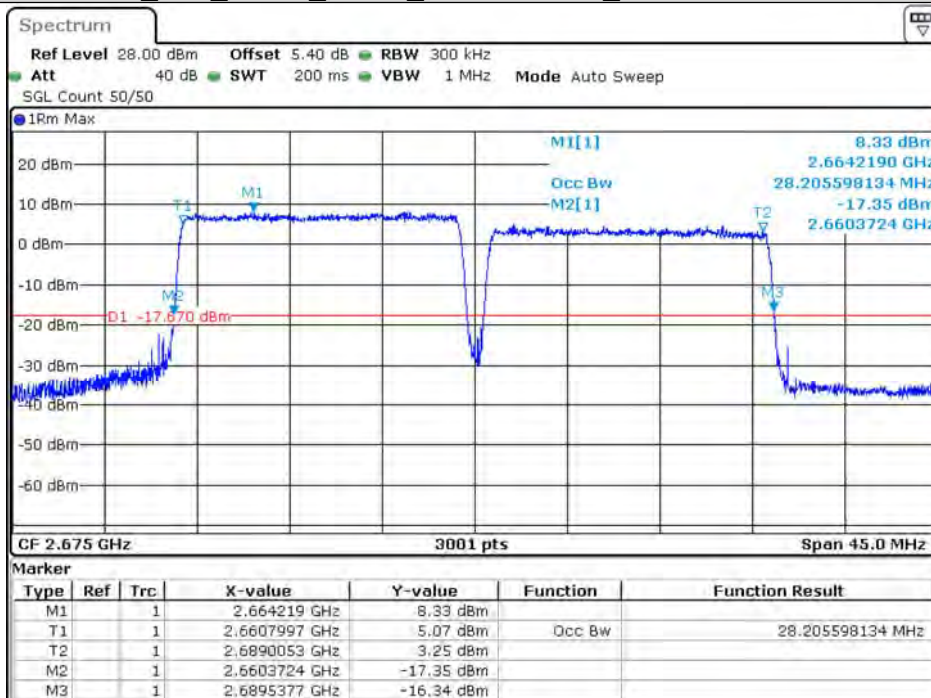


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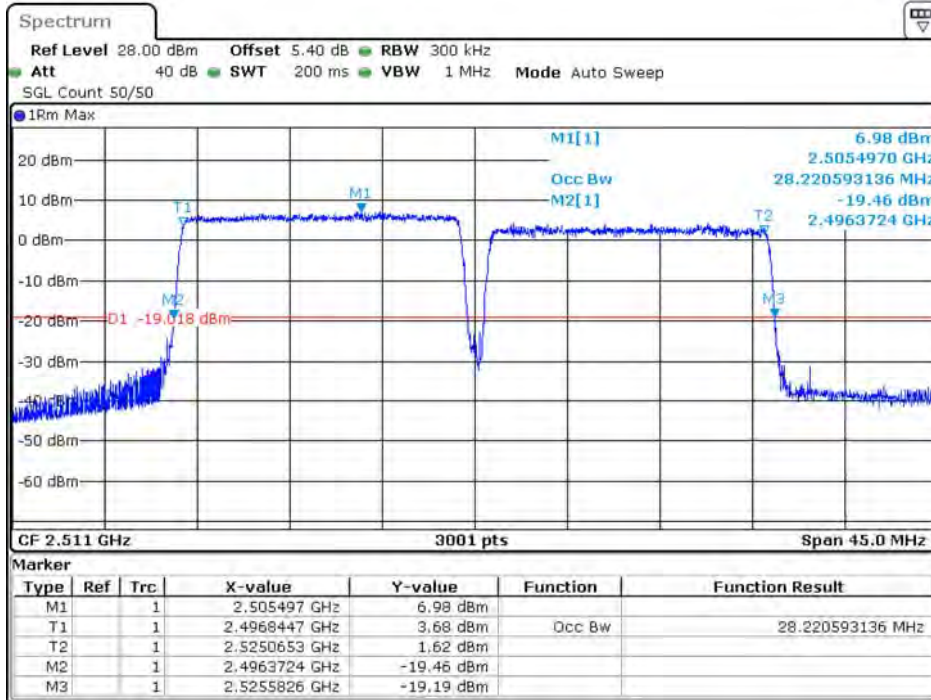
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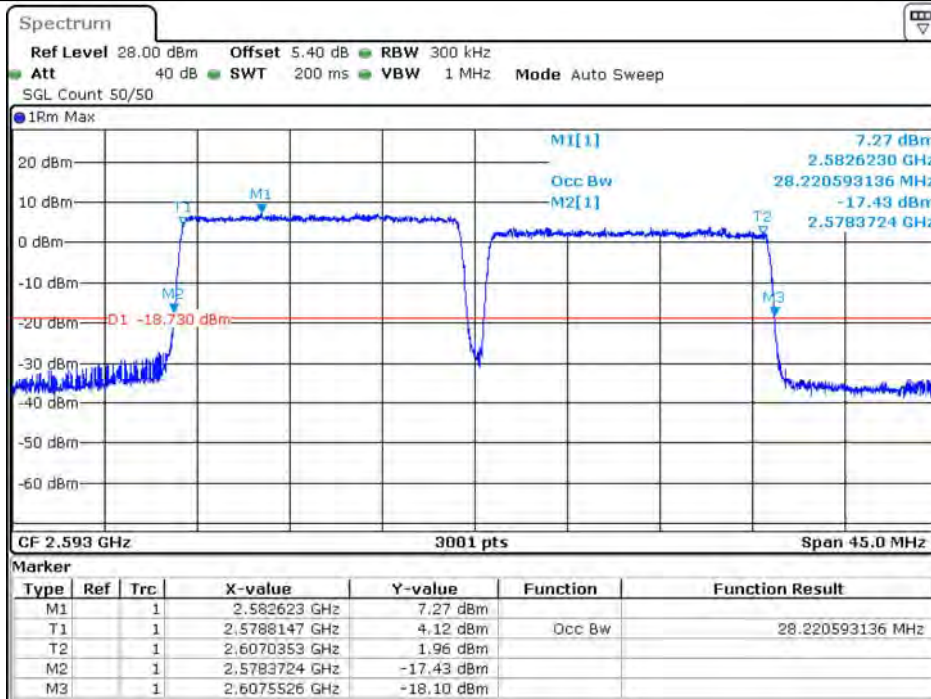


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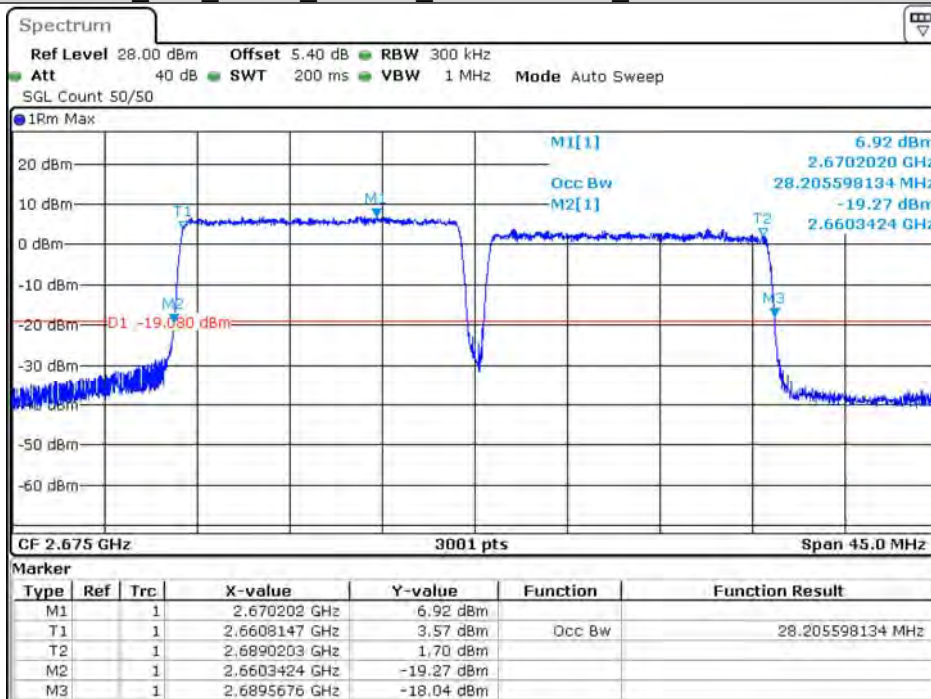
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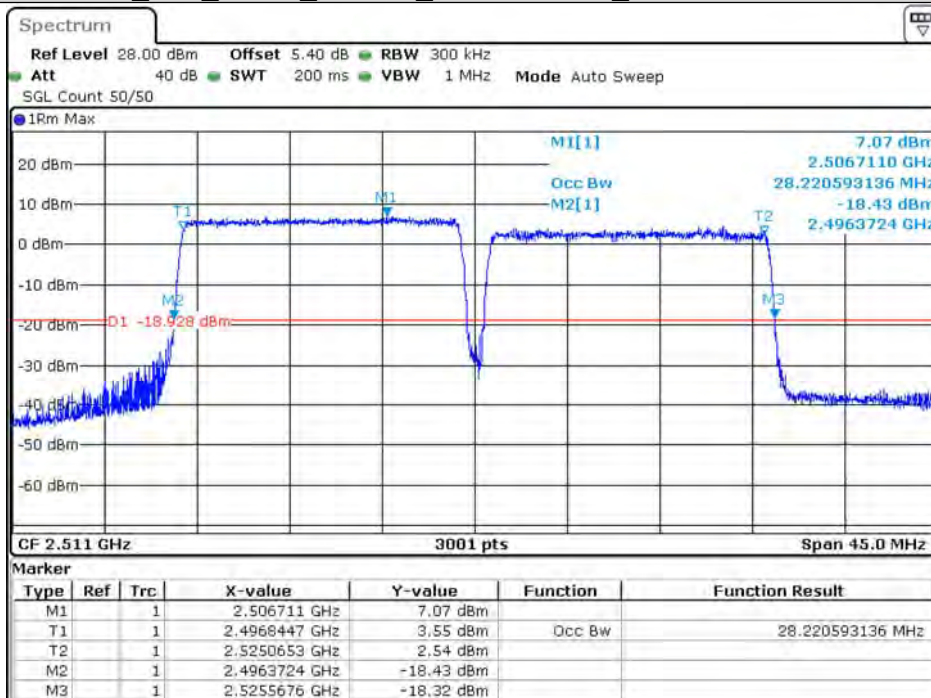


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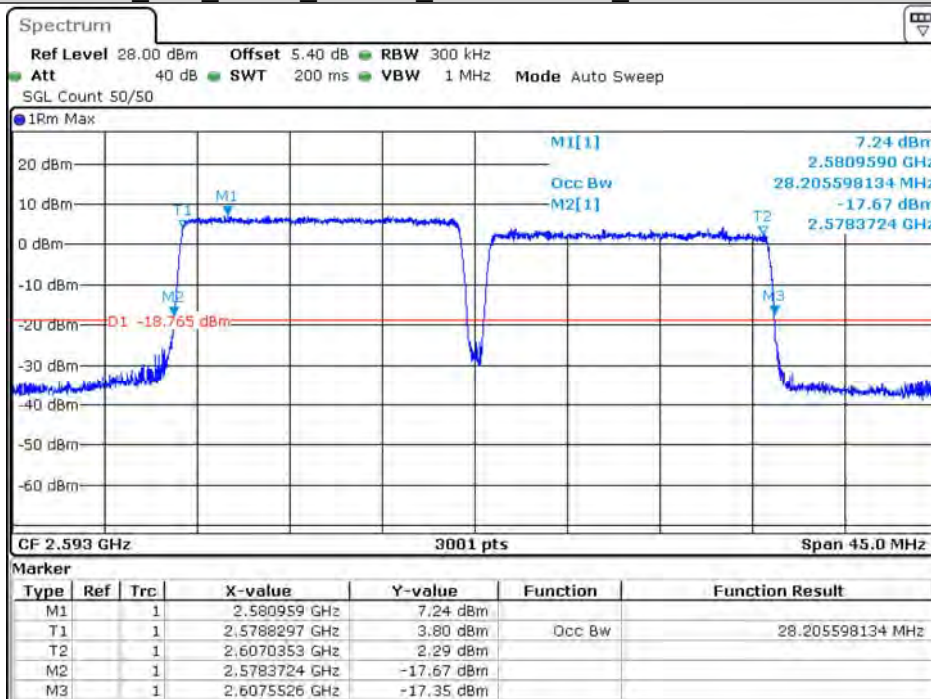
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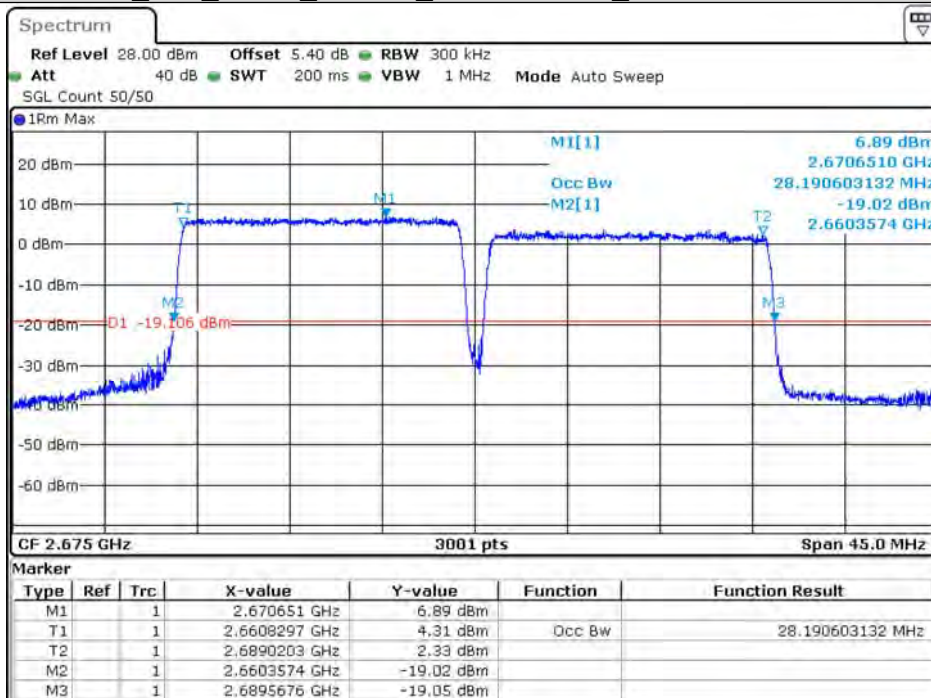


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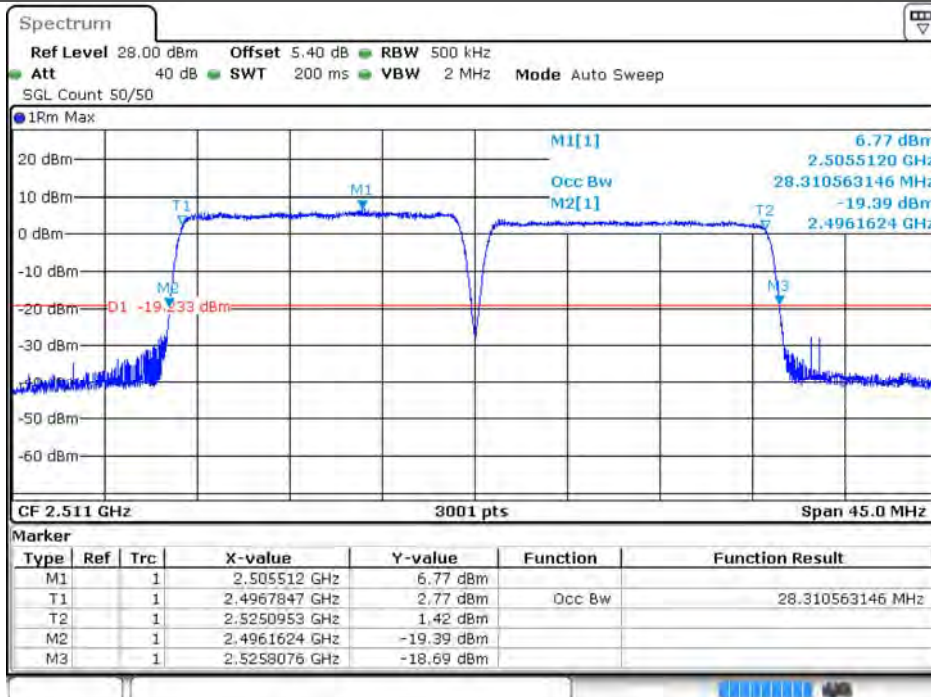
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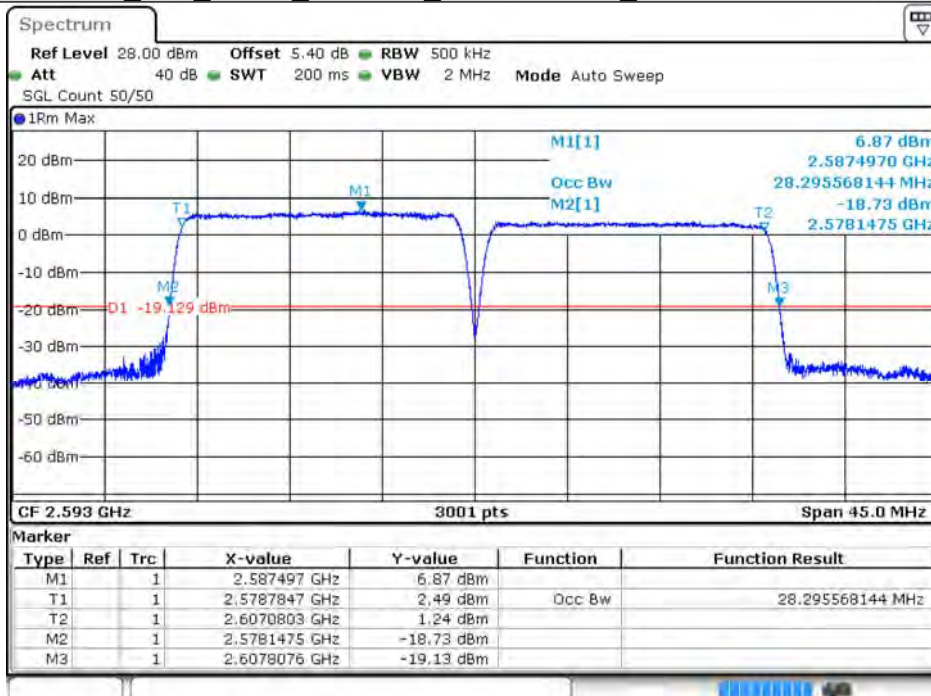


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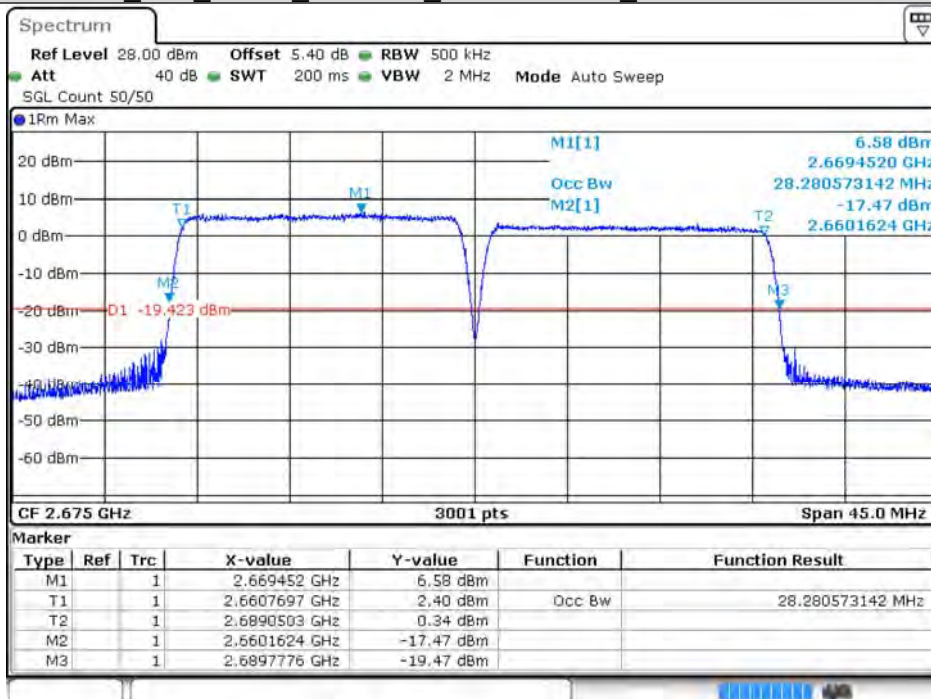
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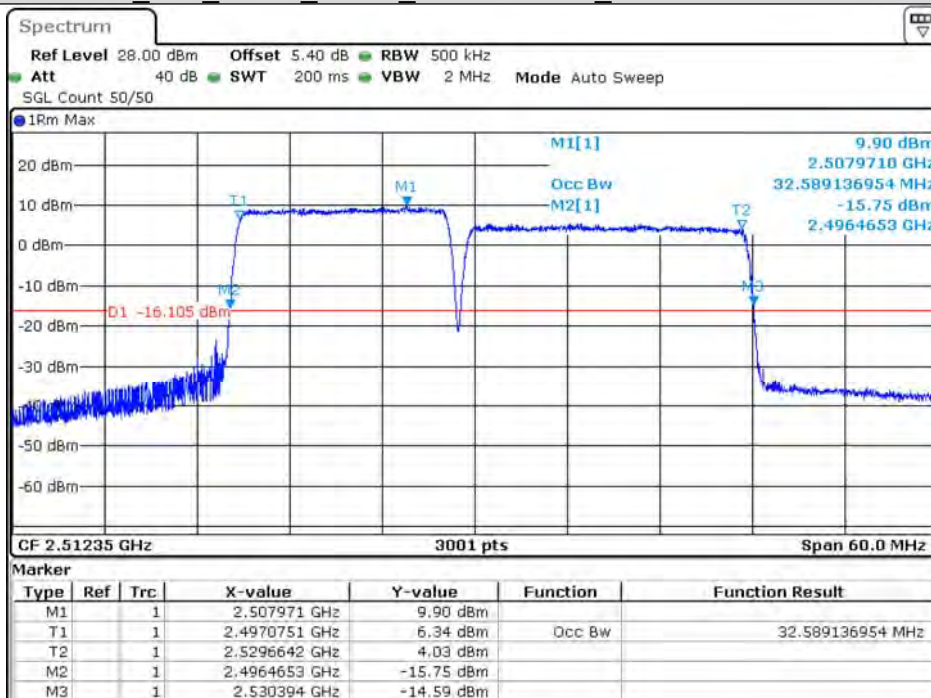


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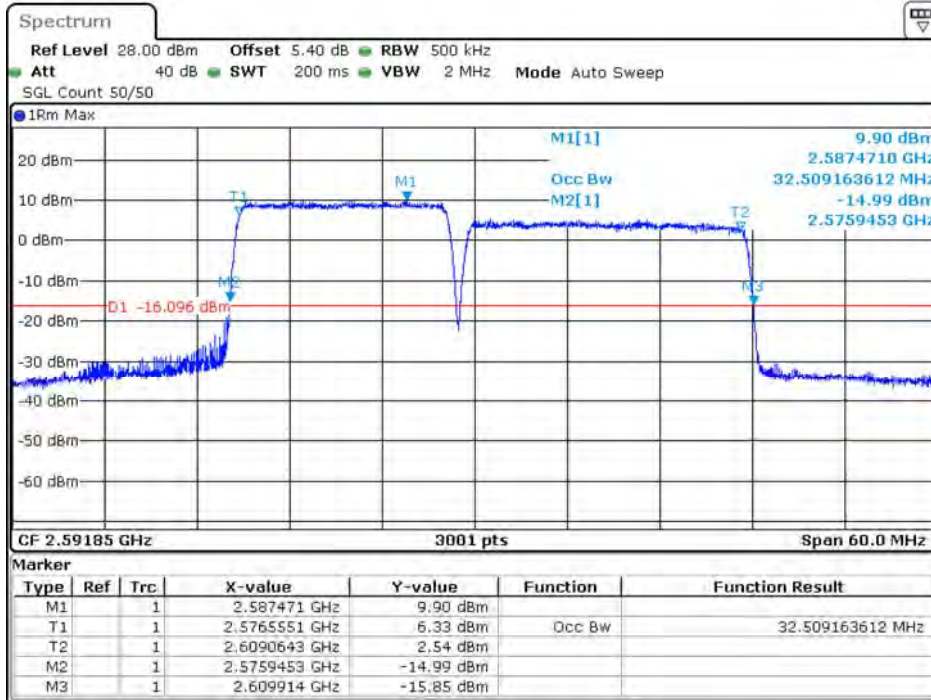
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Date: 26 MAY 2021 09:15:45

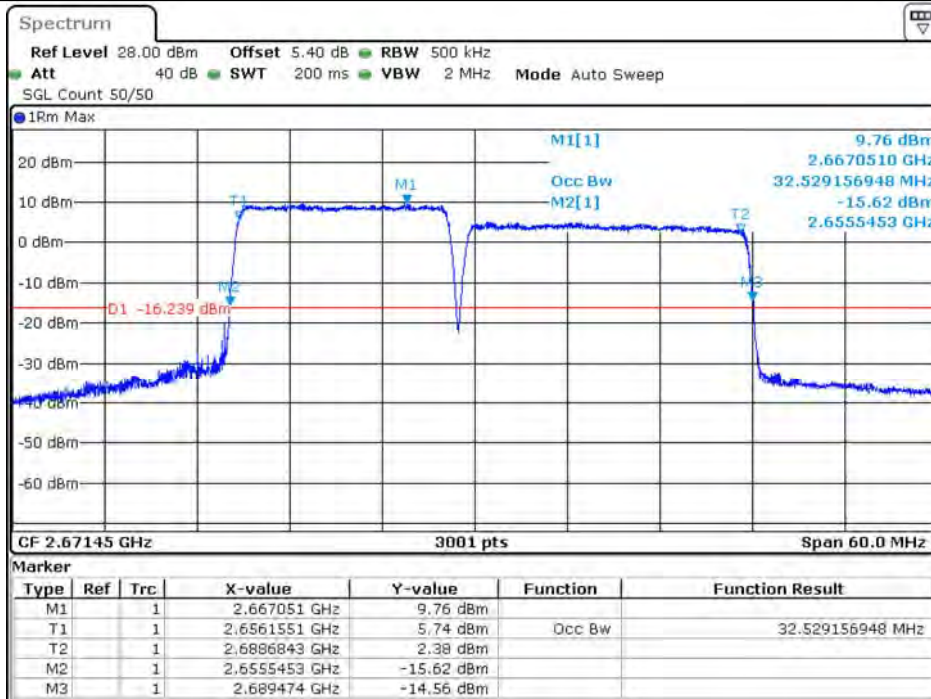


CA_41C_15+20_QPSK_40523+40694_75RB#0+100RB#0



Date: 26 MAY 2021 09:17:51

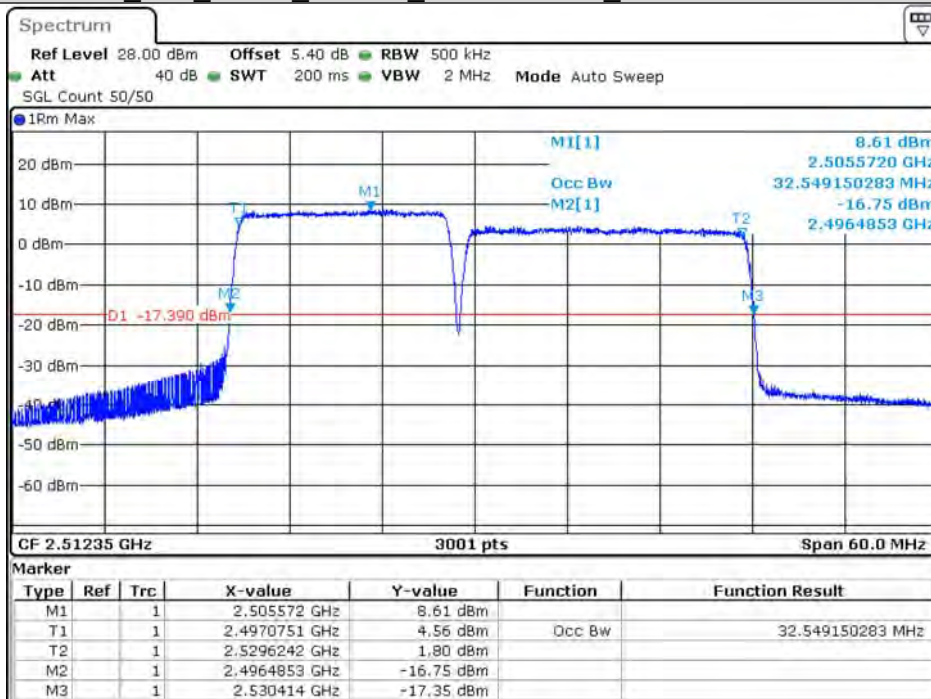
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Date: 26 MAY 2021 09:18:58

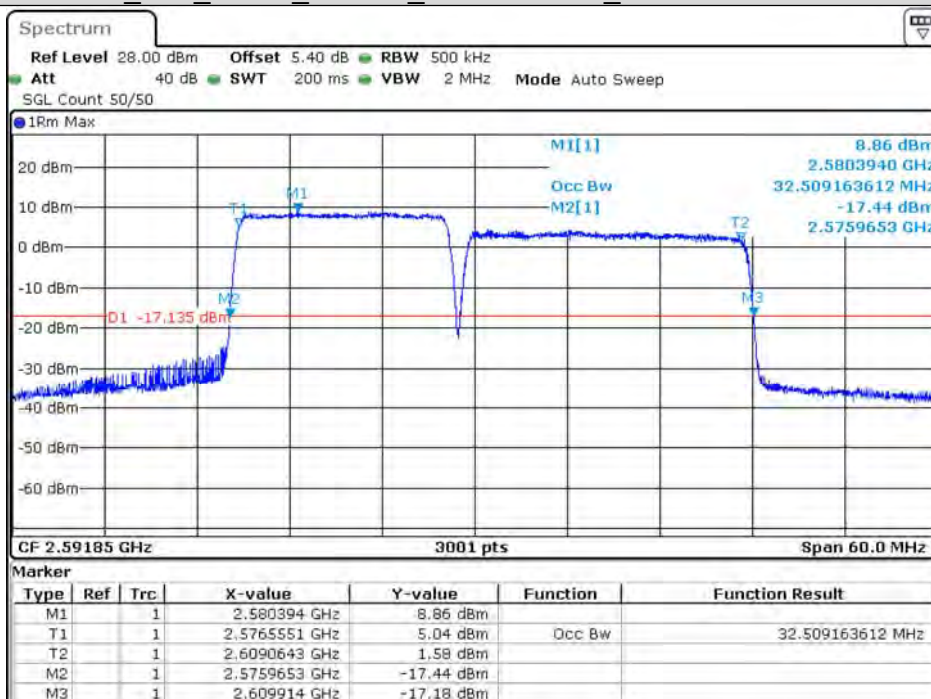


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Date: 26 MAY 2021 09:17:02

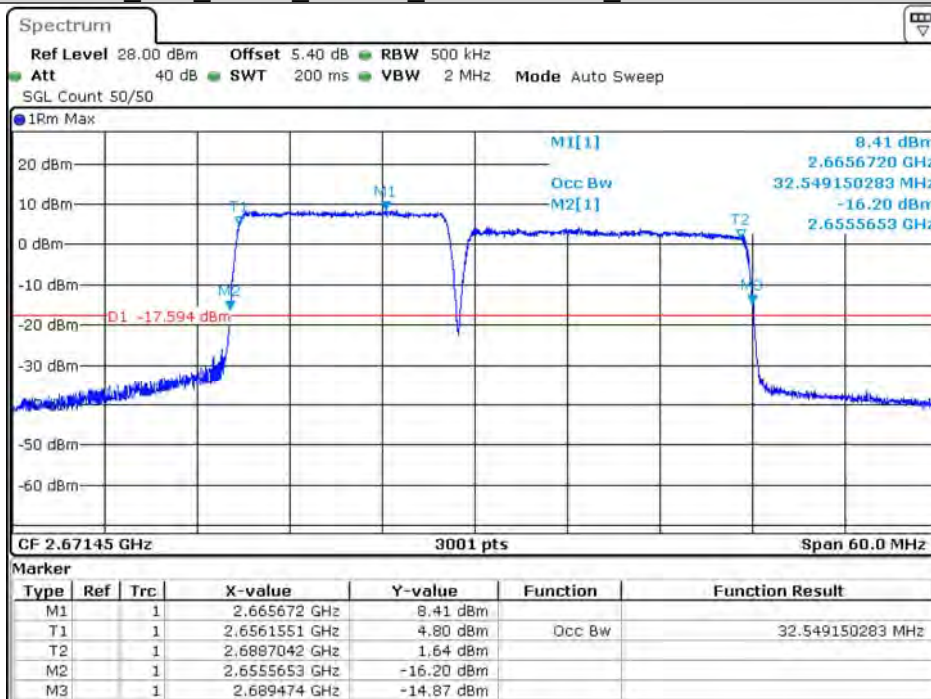
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Date: 26 MAY 2021 09:18:08

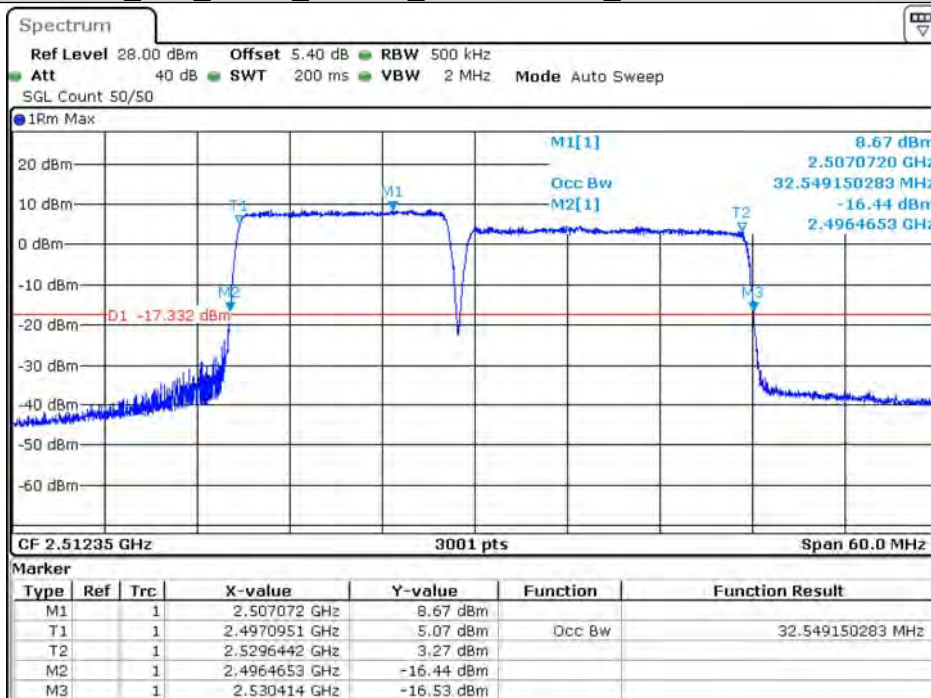


CA_41C_15+20_16QAM_41319+41490_75RB#0+100RB#0



Date: 26 MAY 2021 09:19:16

CA_41C_15+20_64QAM_39728+39899_75RB#0+100RB#0



Date: 26 MAY 2021 09:17:20



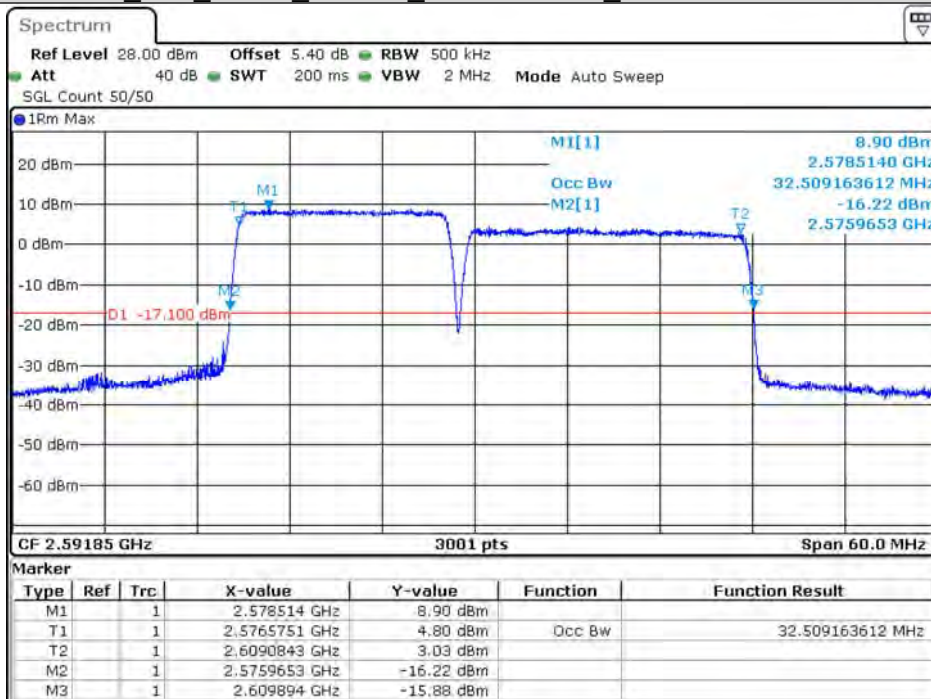
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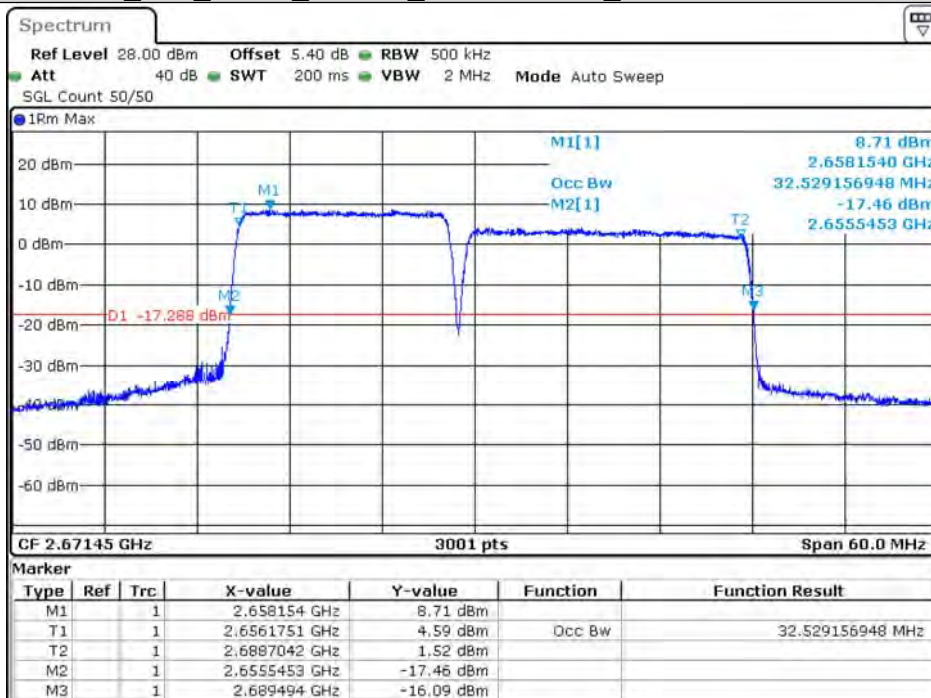
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CA_41C_15+20_64QAM_40523+40694_75RB#0+100RB#0



Date: 26 MAY 2021 09:18:26

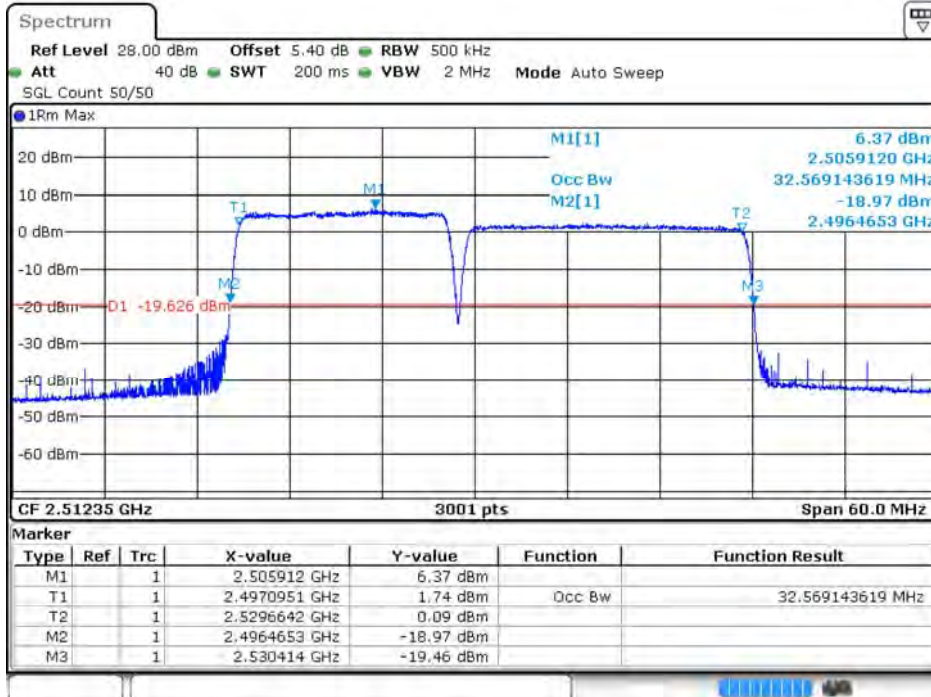
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Date: 26 MAY 2021 09:19:34

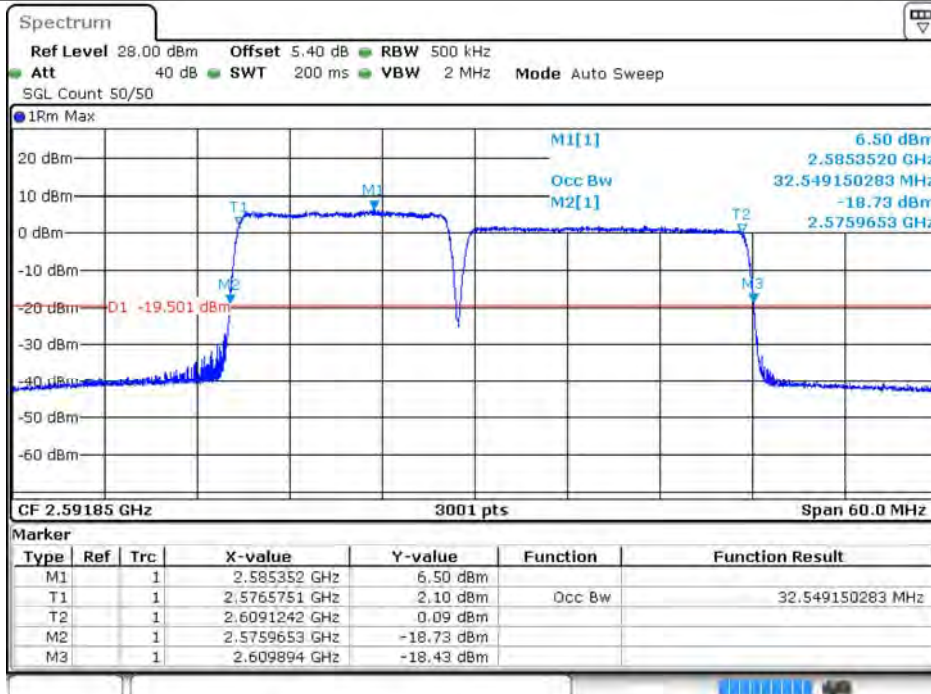


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Date: 7.MAY.2021 01:31:14

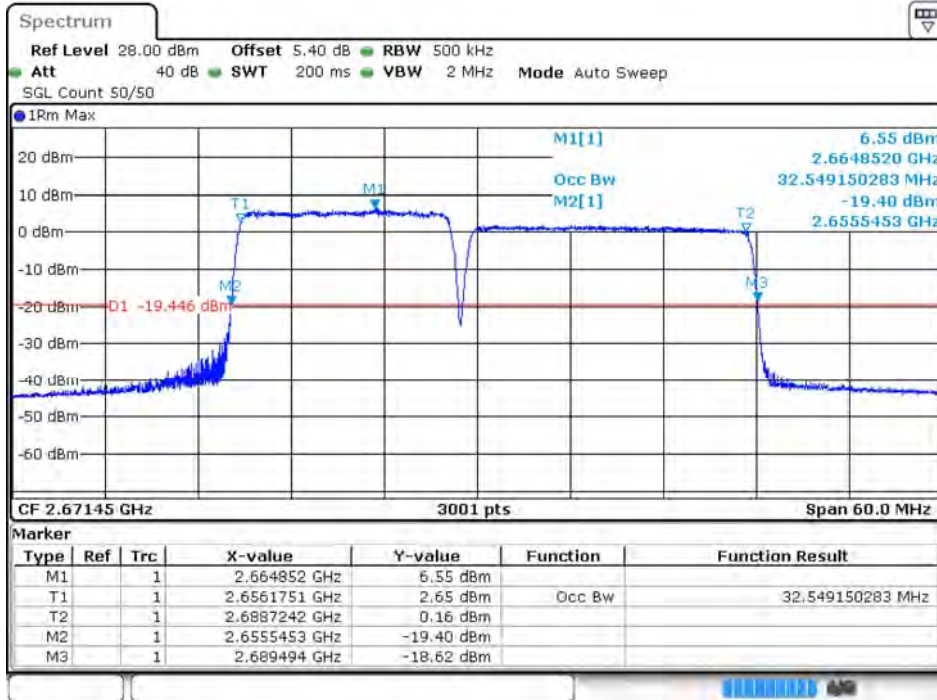
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Date: 7.MAY.2021 01:31:42

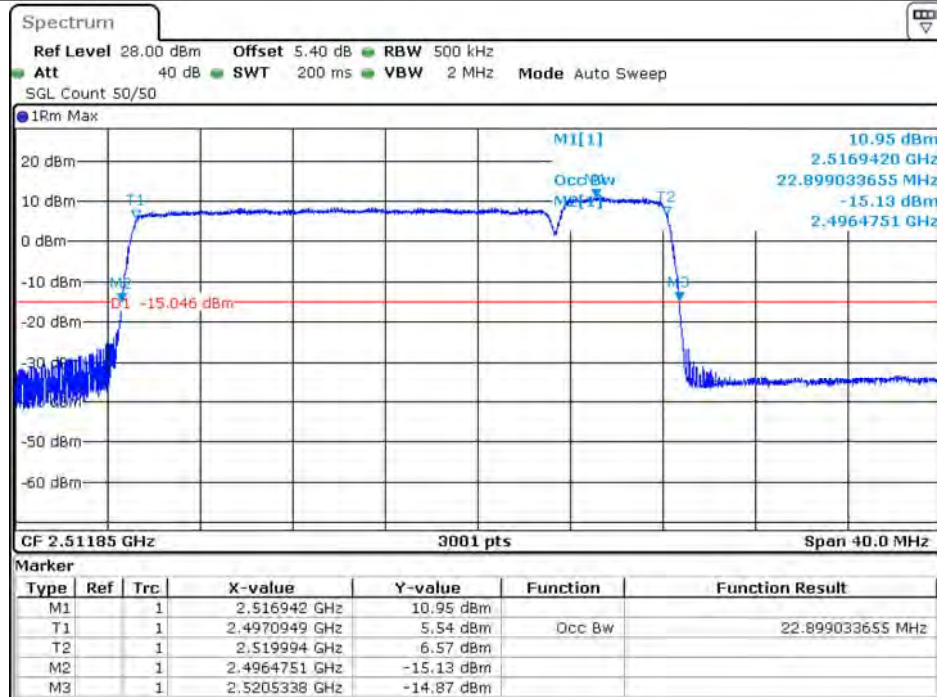


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Date: 7 MAY 2021 01:32:19

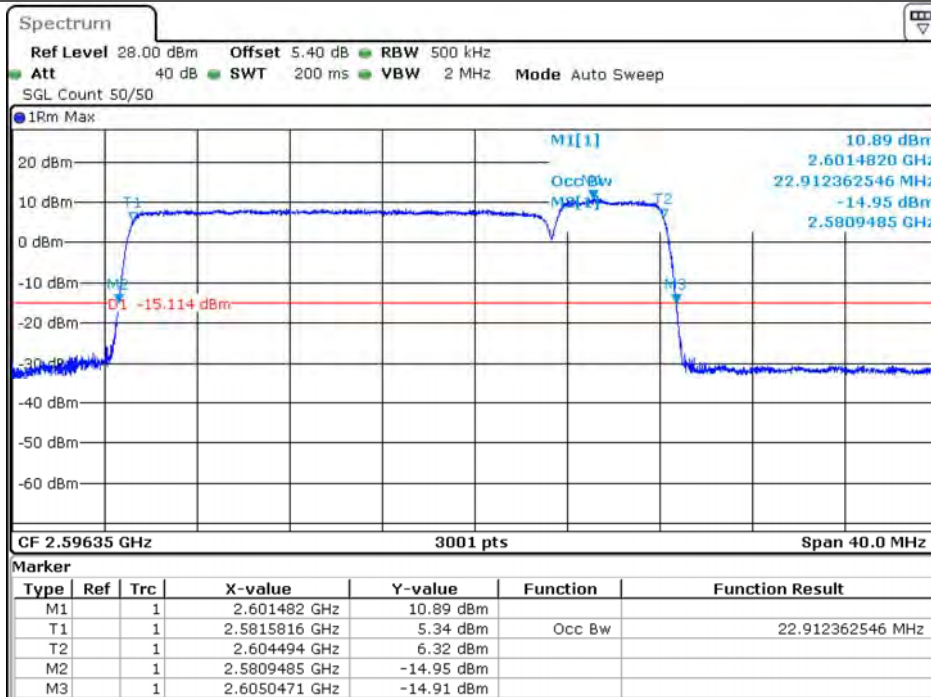
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Date: 26 MAY 2021 09:24:53

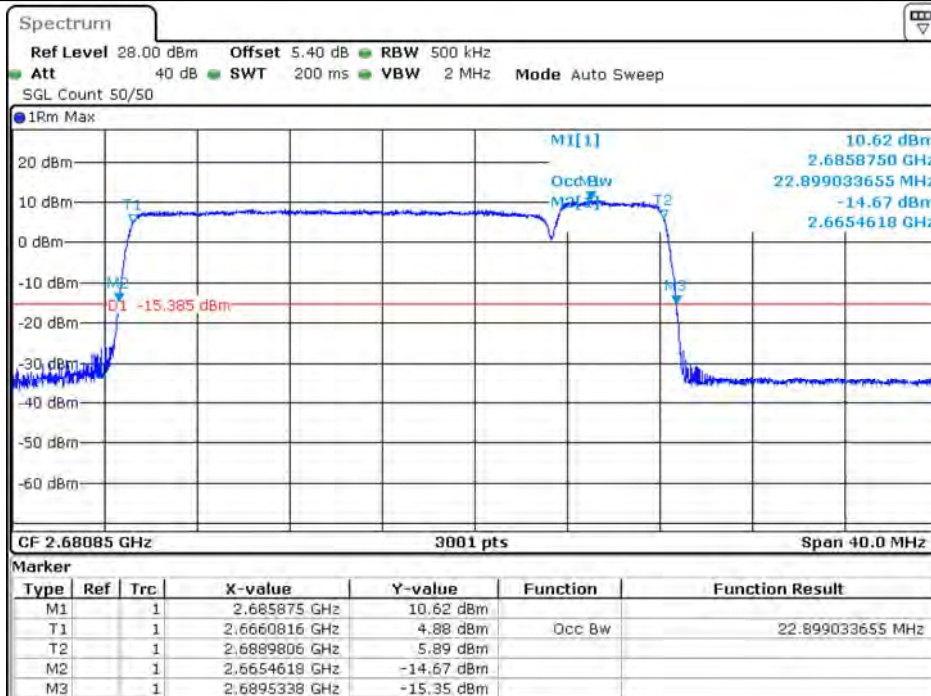


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Date: 26 MAY 2021 09:25:56

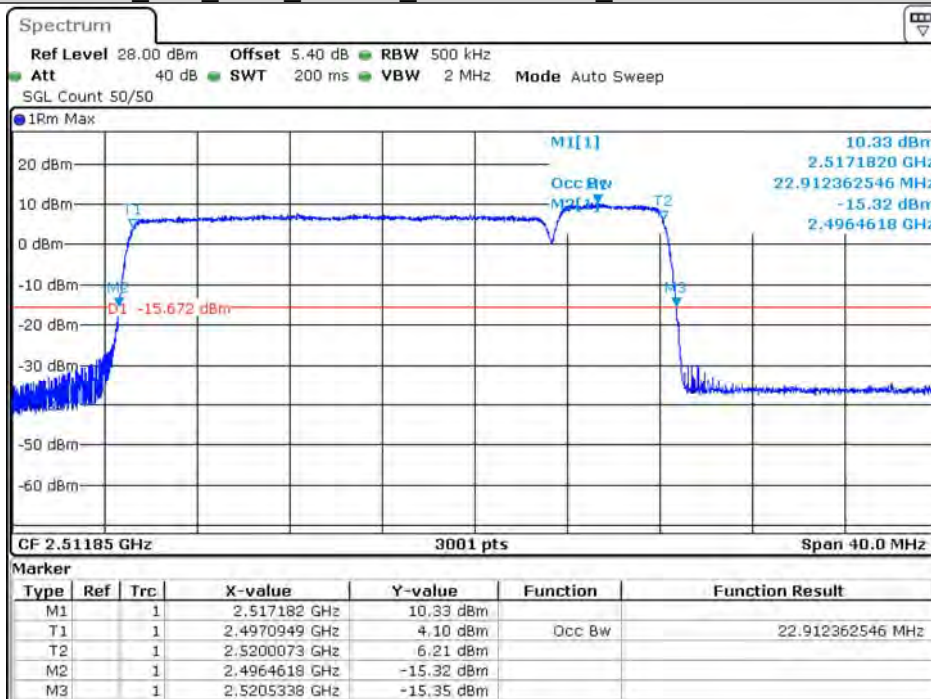
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Date: 26 MAY 2021 09:27:00

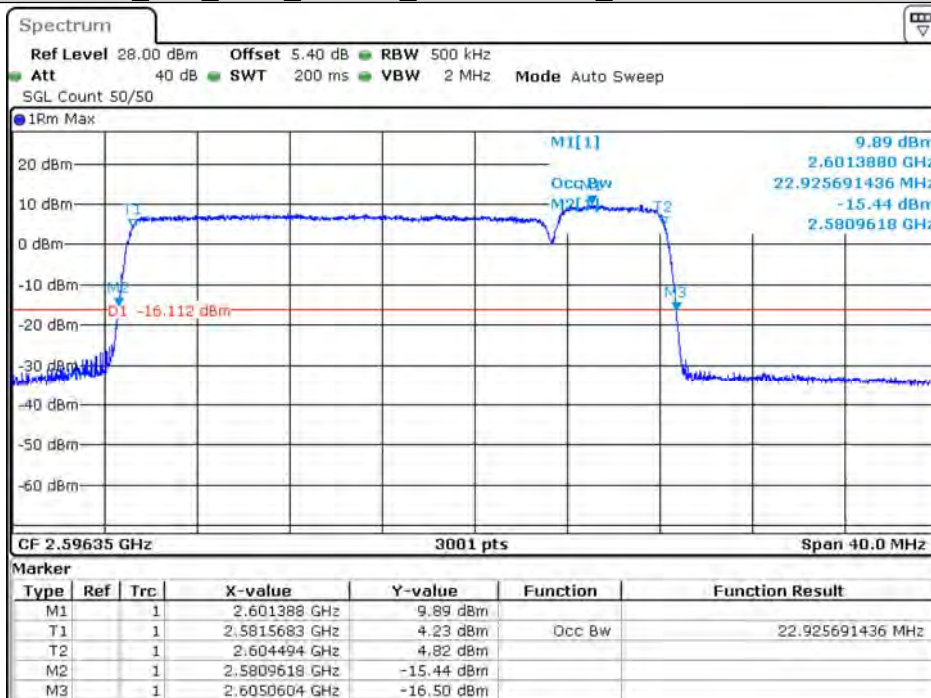


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Date: 26 MAY 2021 09:25:10

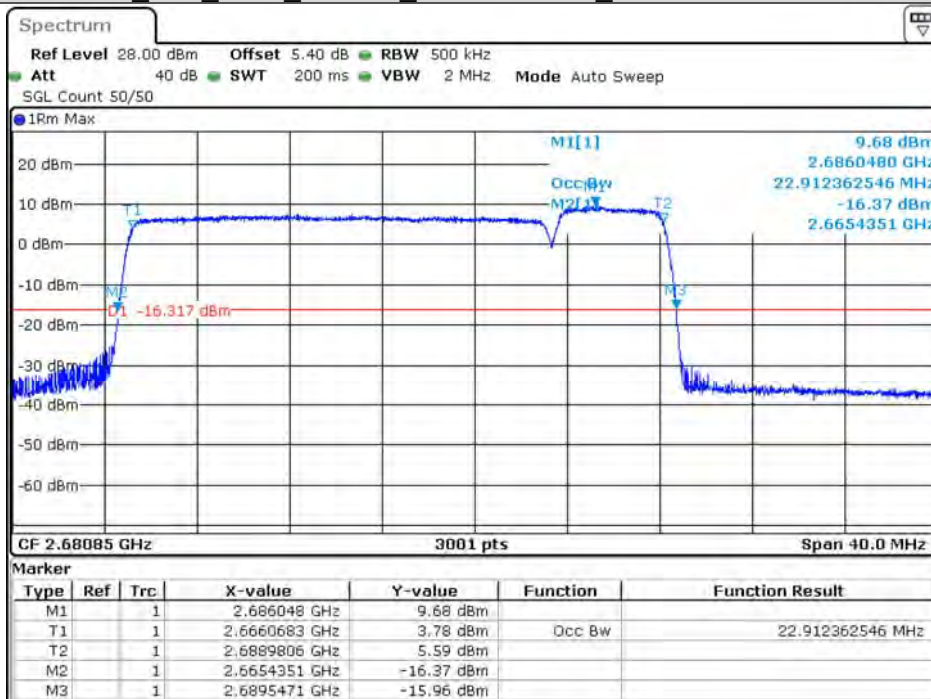
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Date: 26 MAY 2021 09:26:13

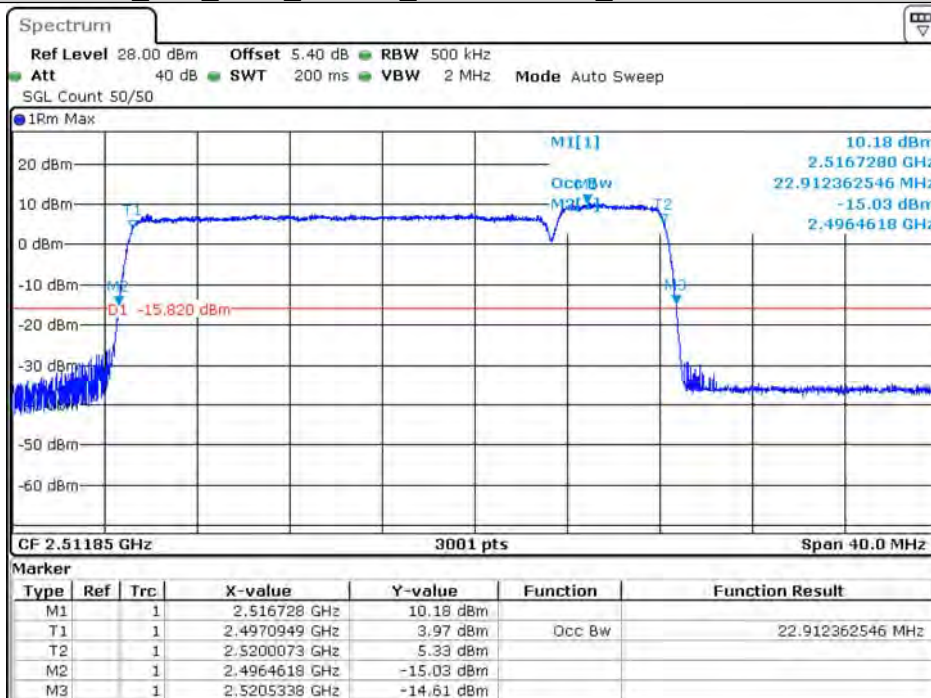


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Date: 26 MAY 2021 09:27:17

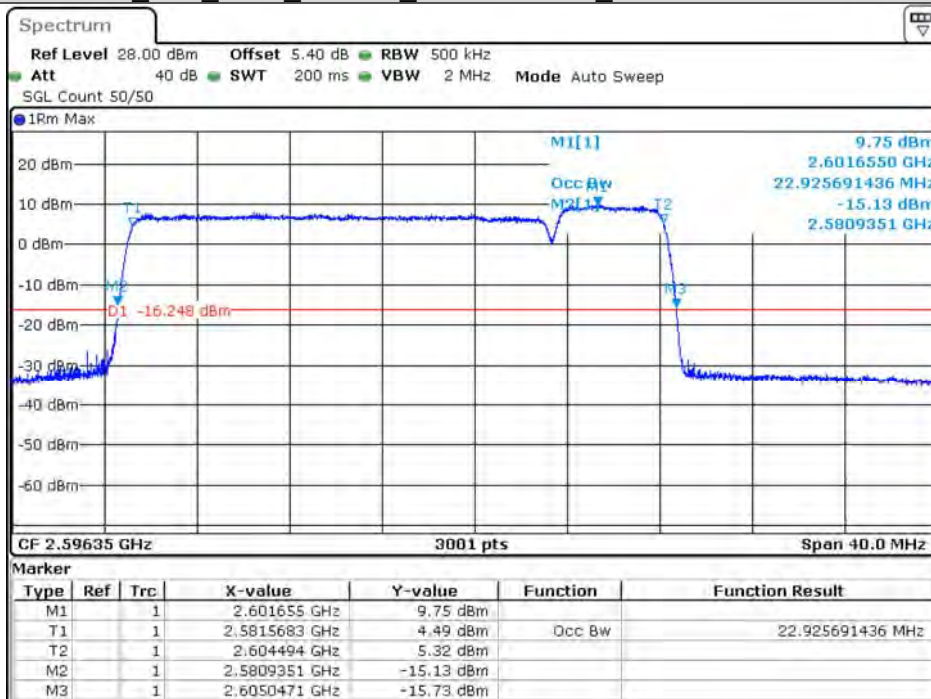
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Date: 26 MAY 2021 09:25:28

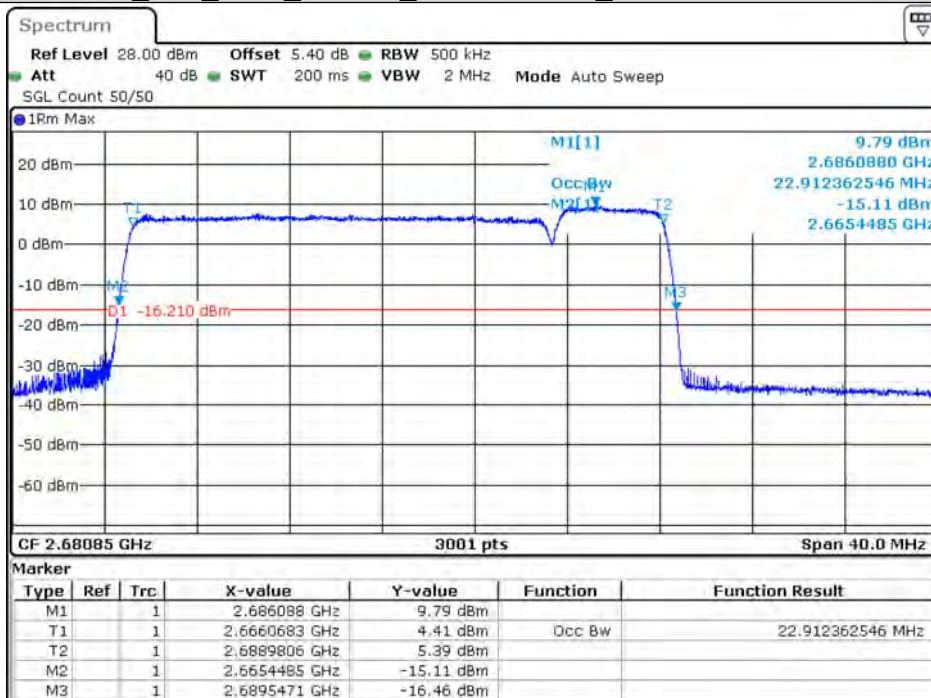


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Date: 26 MAY 2021 09:26:30

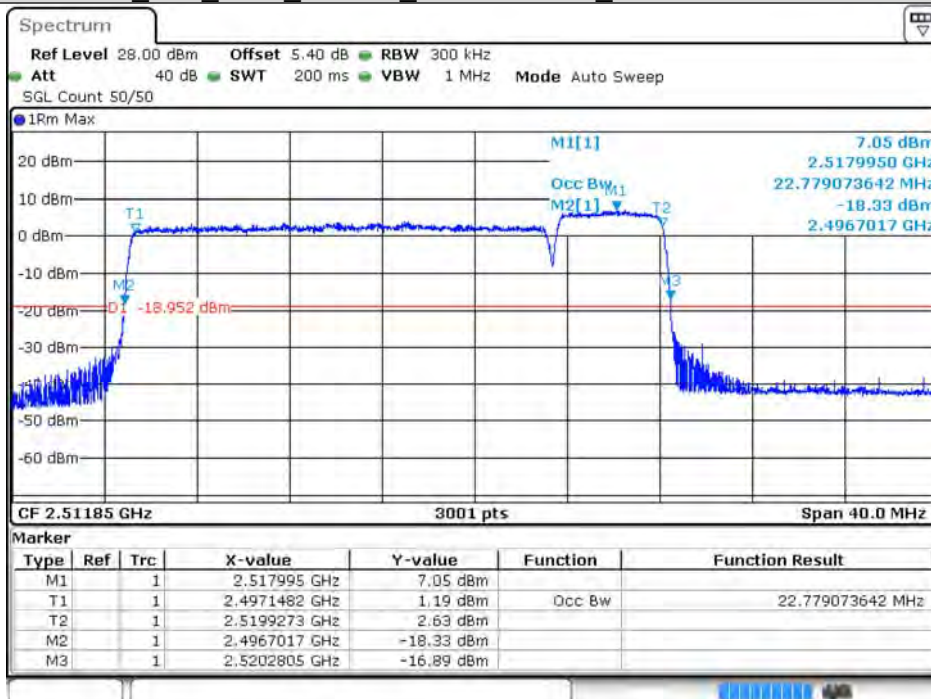
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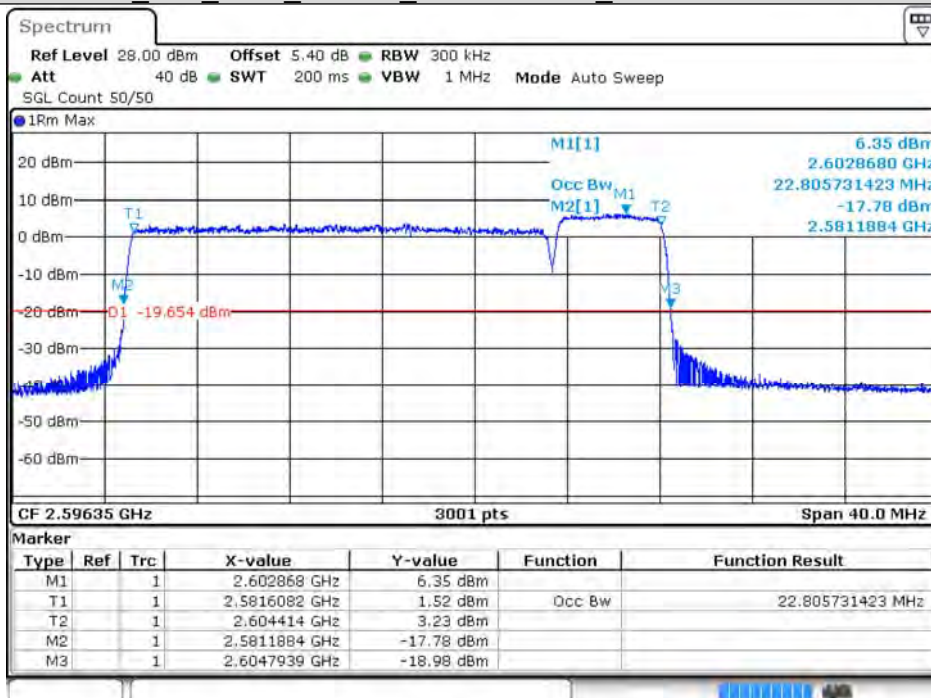


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Date: 7.MAY.2021 01:15:01

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Date: 7.MAY.2021 01:15:27

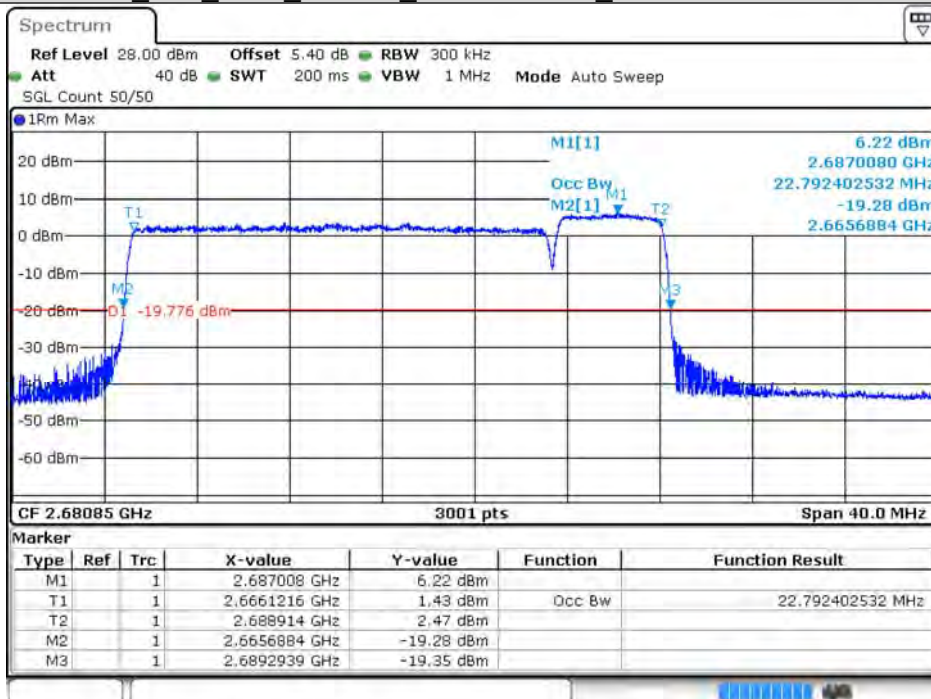


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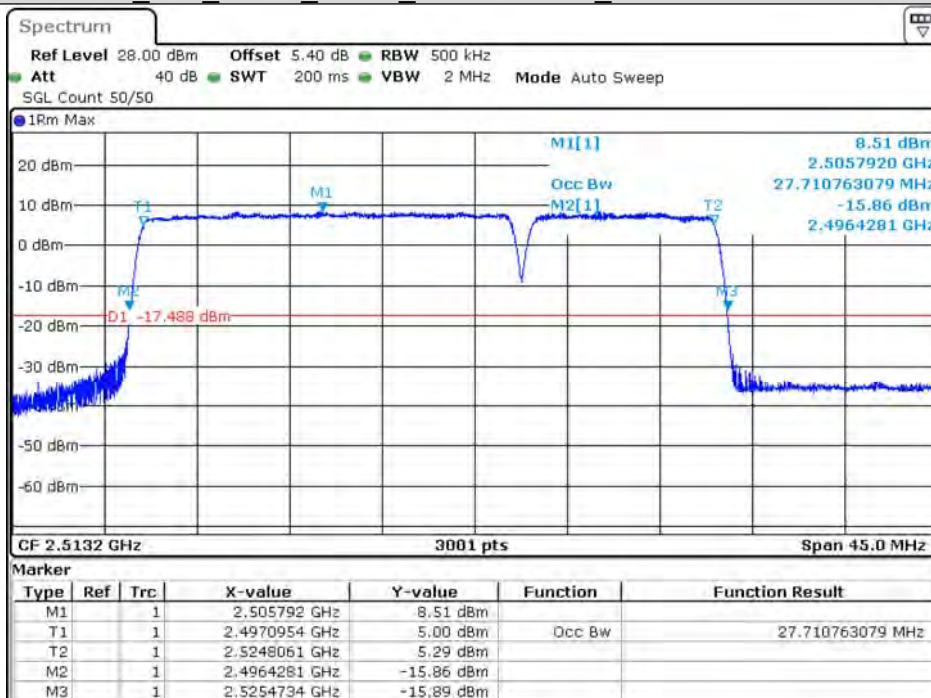
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CA_41C_20+5_64QAM_41490+41373_100RB#0+25RB#0



Date: 7 MAY 2021 01:15:54

CA_41C_20+10_QPSK_39750+39894_100RB#0+50RB#0



Date: 26 MAY 2021 09:10:27



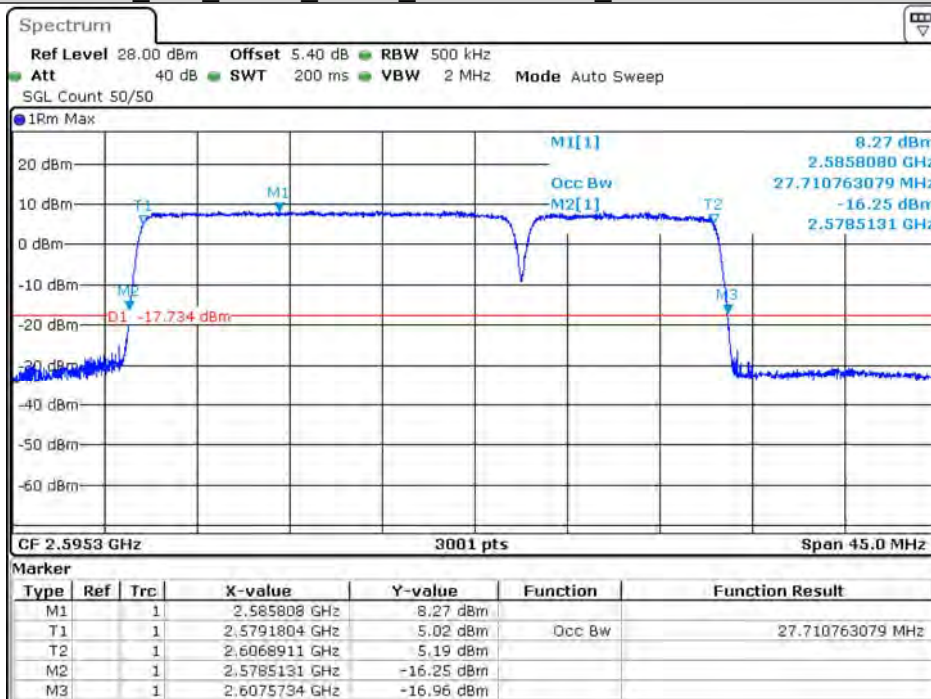
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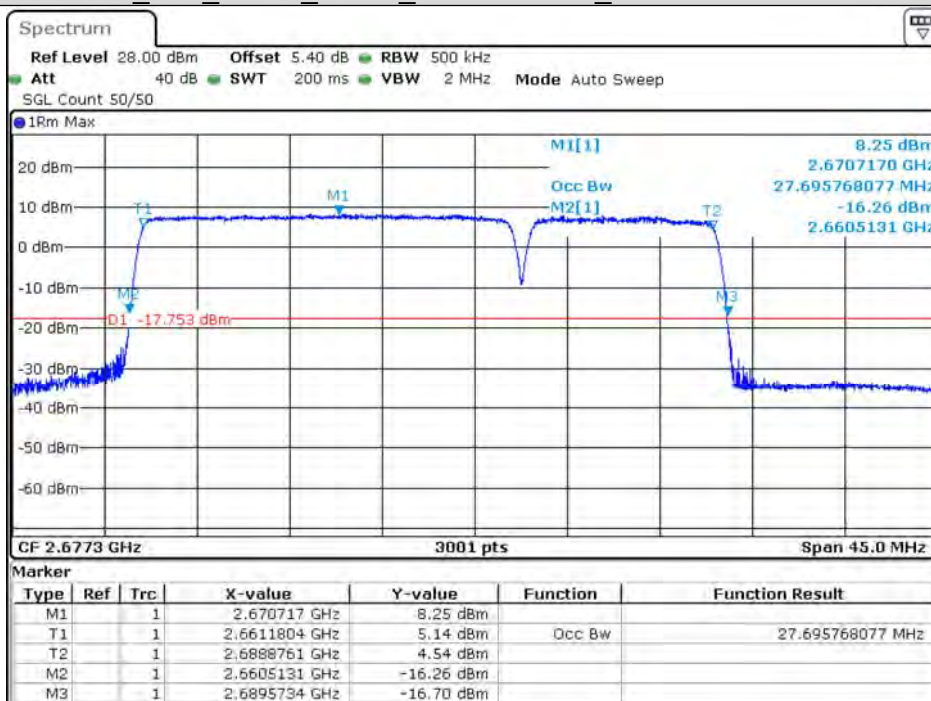
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CA_41C_20+10_QPSK_40571+40715_100RB#0+50RB#0



Date: 26 MAY 2021 09:11:30

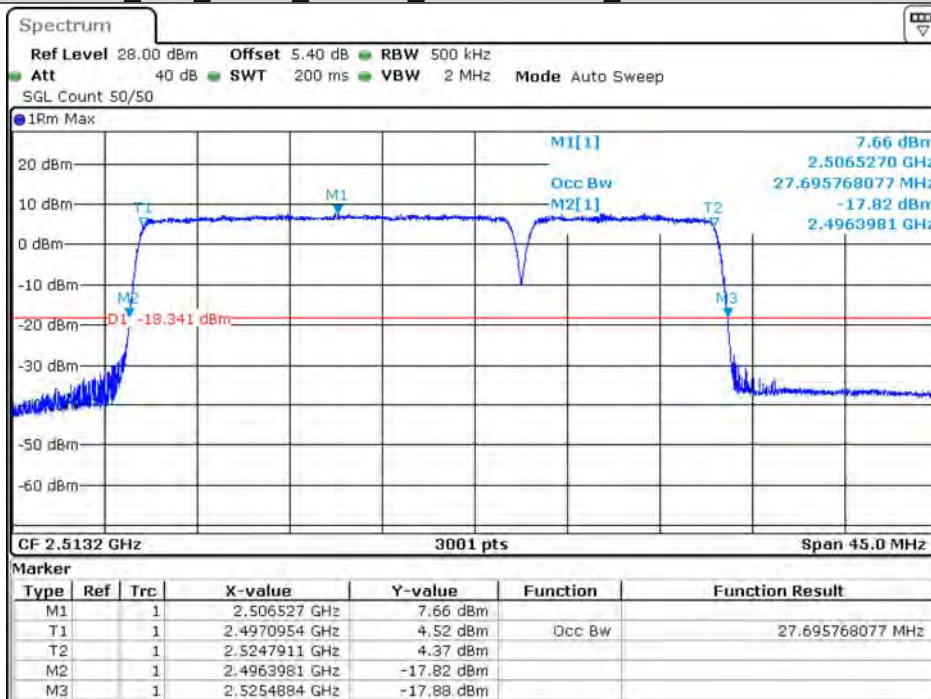
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Date: 26 MAY 2021 09:12:32

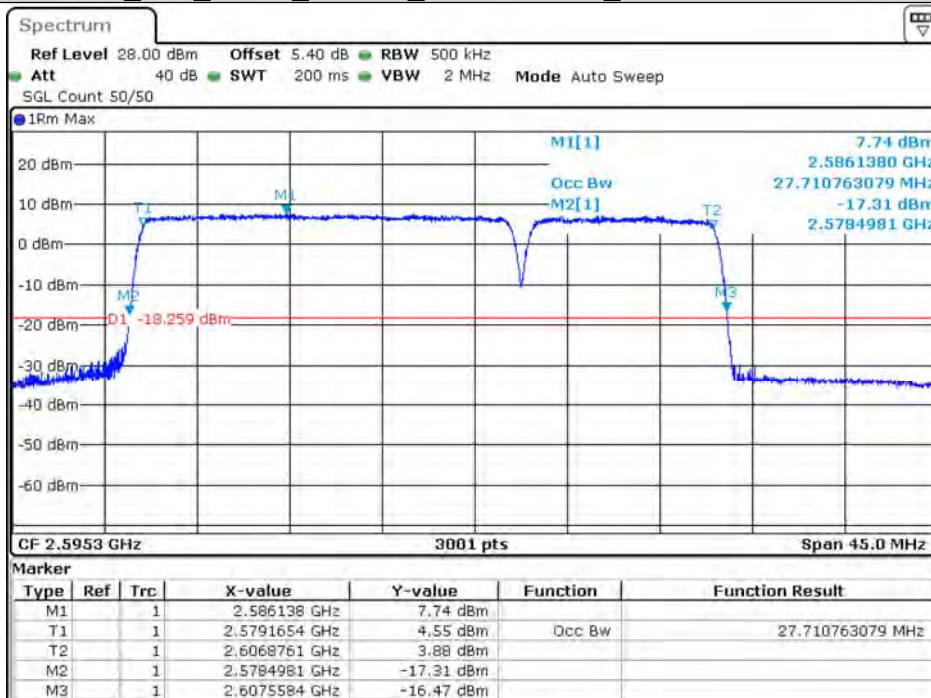


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Date: 26 MAY 2021 09:10:44

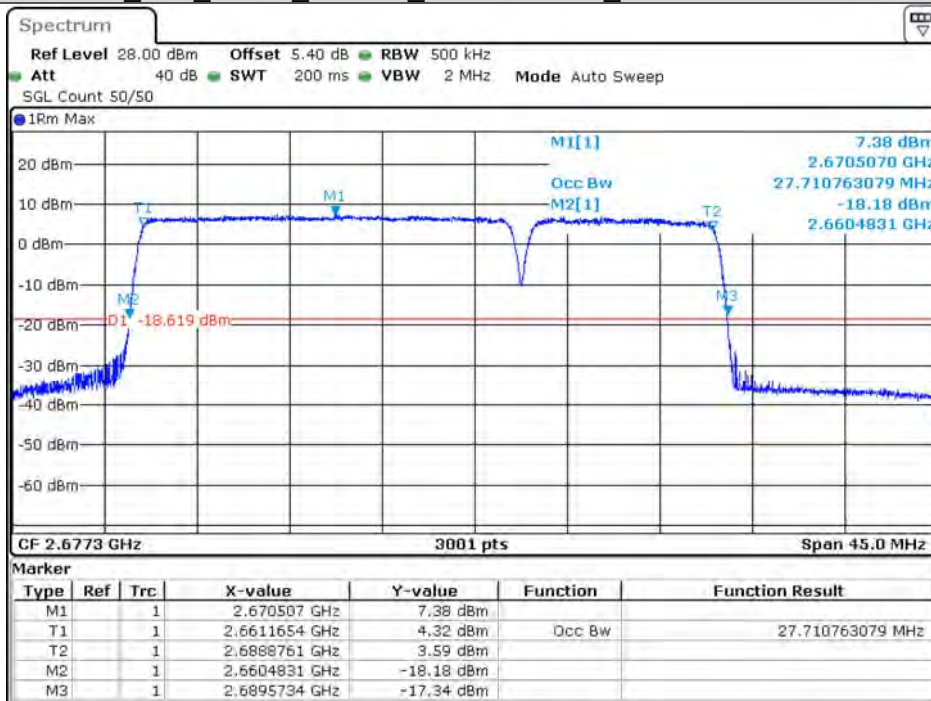
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Date: 26 MAY 2021 09:11:47

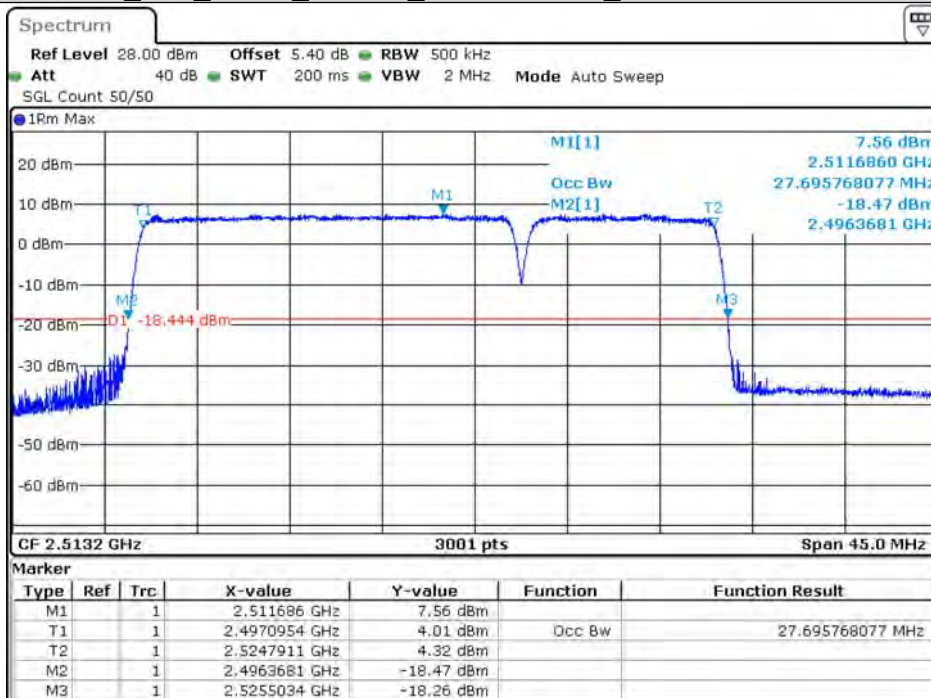


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Date: 26 MAY 2021 09:12:49

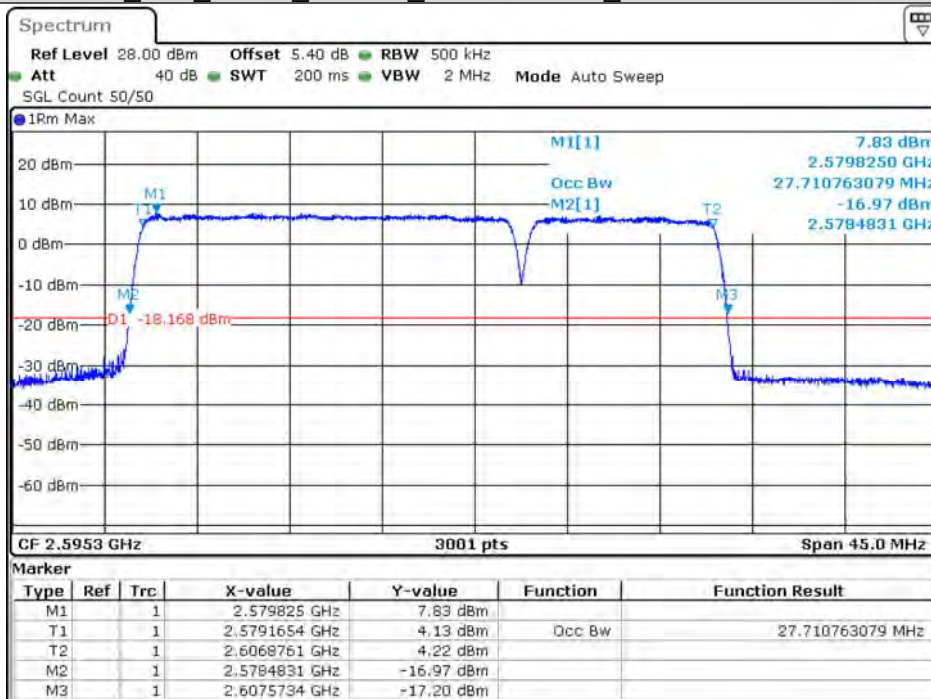
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Date: 26 MAY 2021 09:11:02

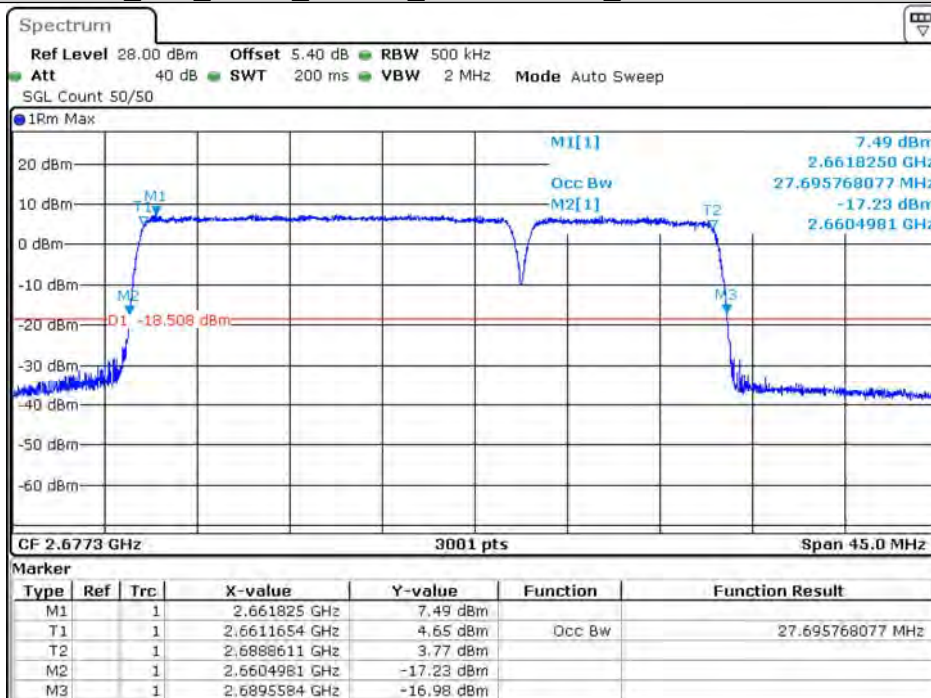


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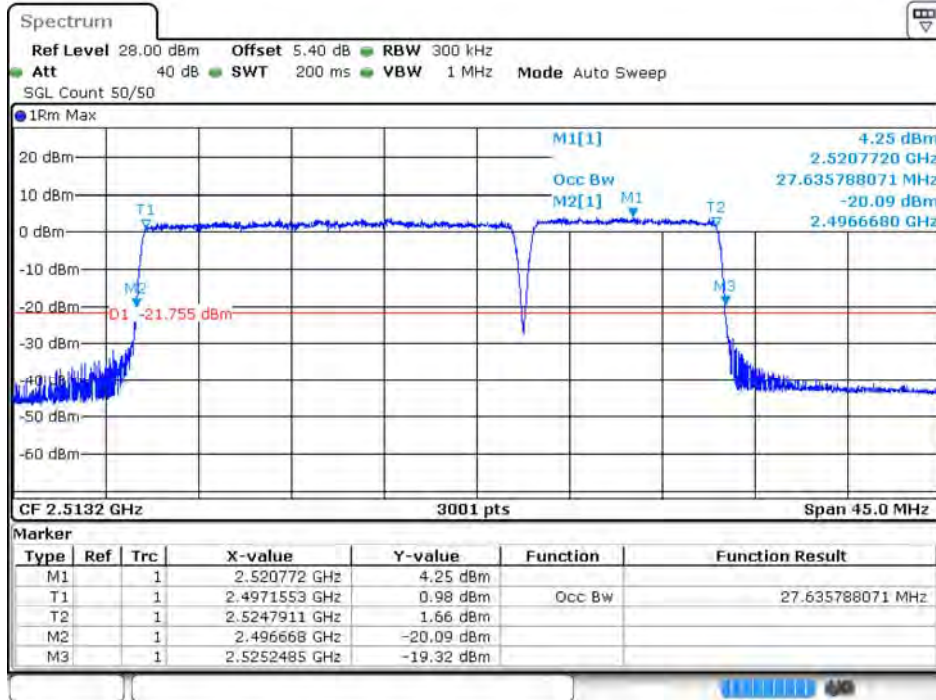
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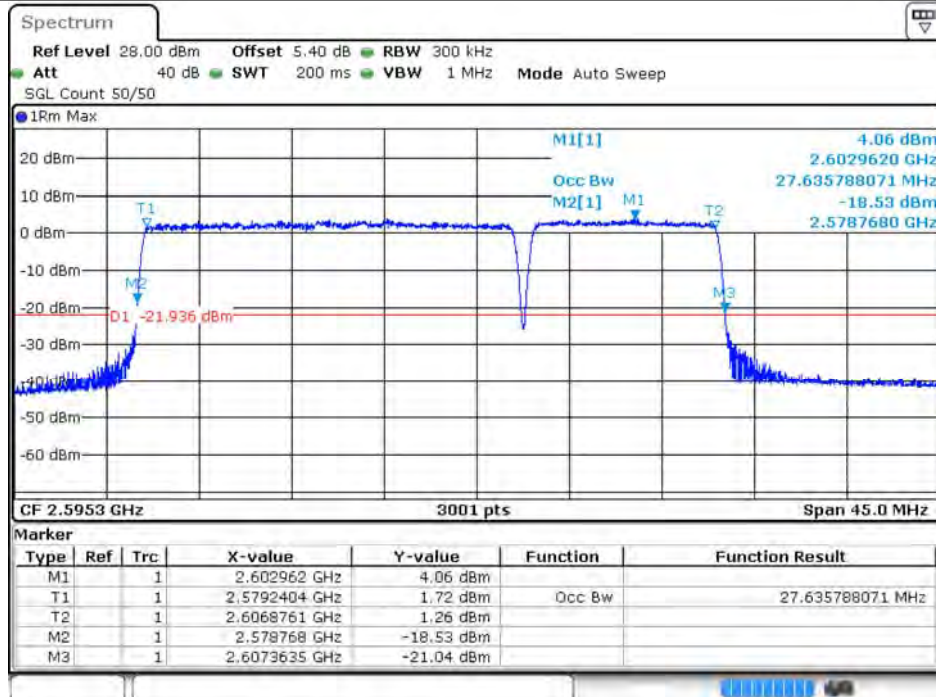


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Date: 7.MAY.2021 01:22:07

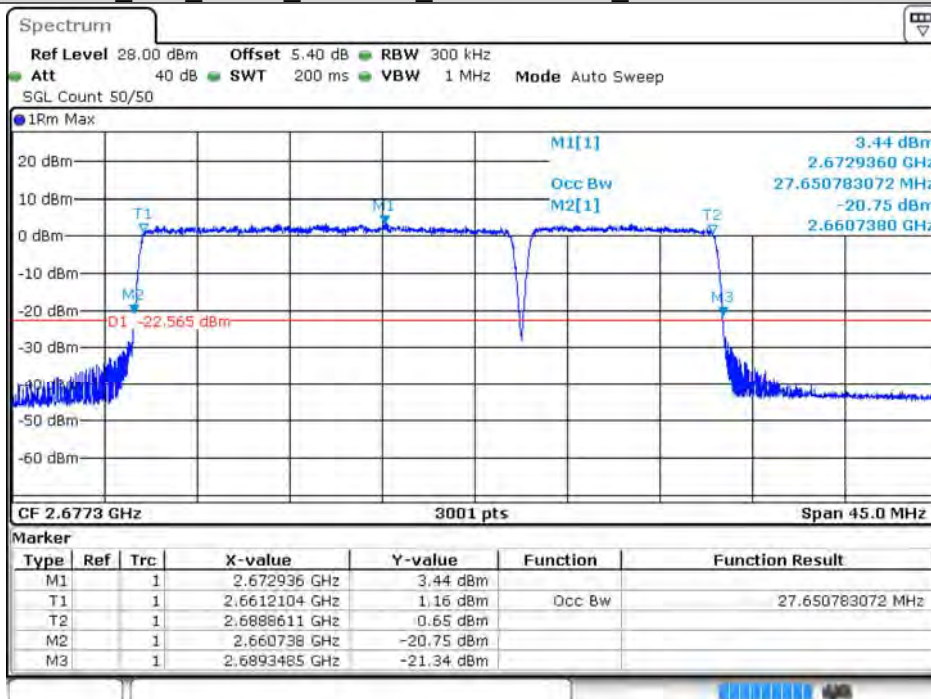
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Date: 7.MAY.2021 01:26:38

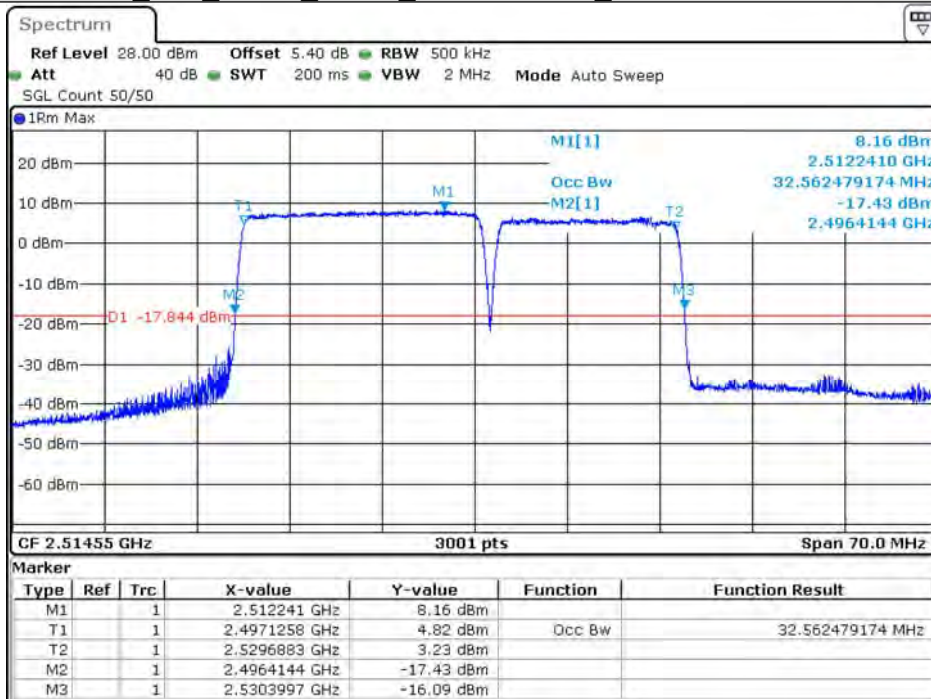


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Date: 7 MAY 2021 01:27:07

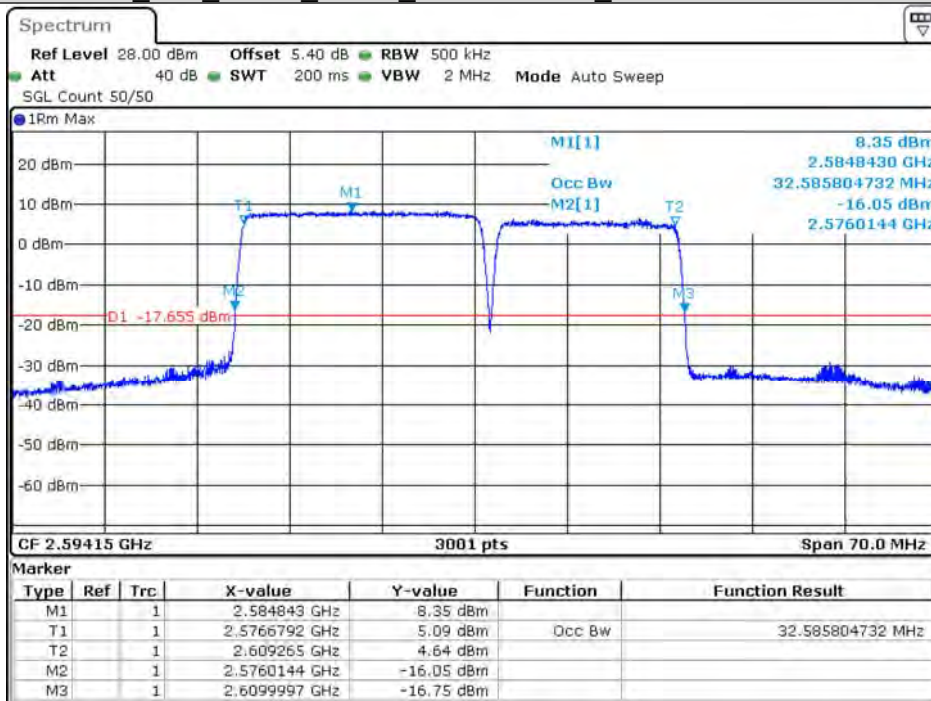
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Date: 26 MAY 2021 09:20:06

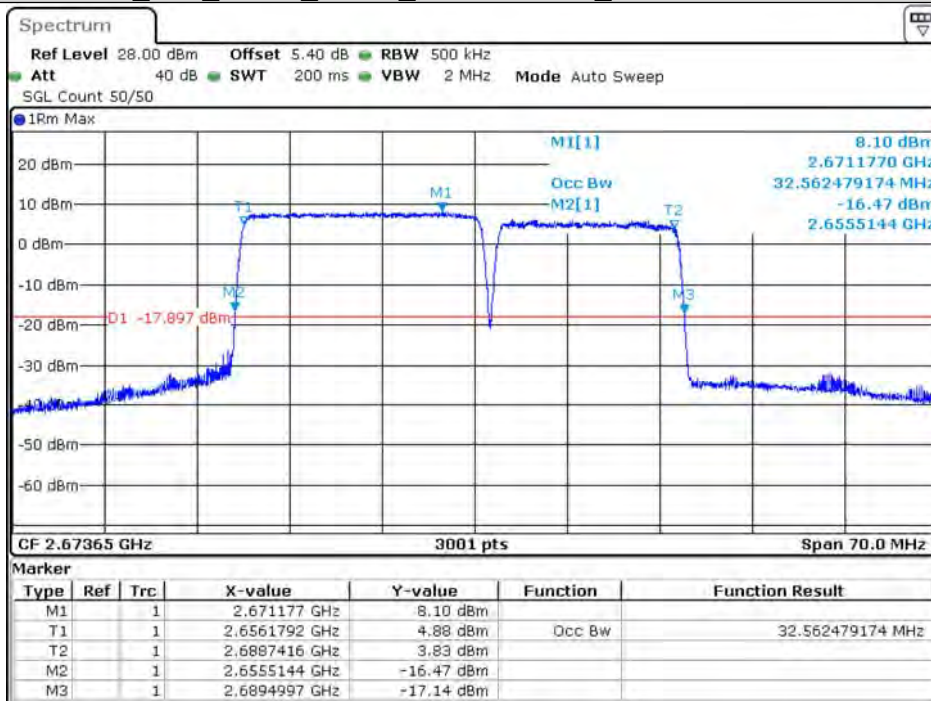


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Date: 26 MAY 2021 09:21:13

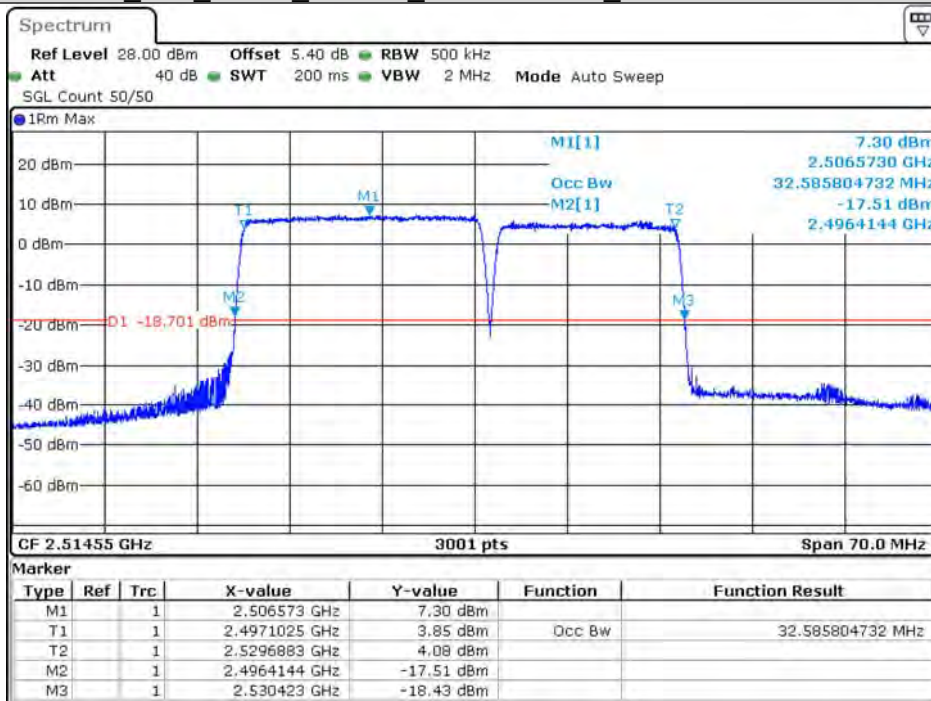
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Date: 26 MAY 2021 09:22:27

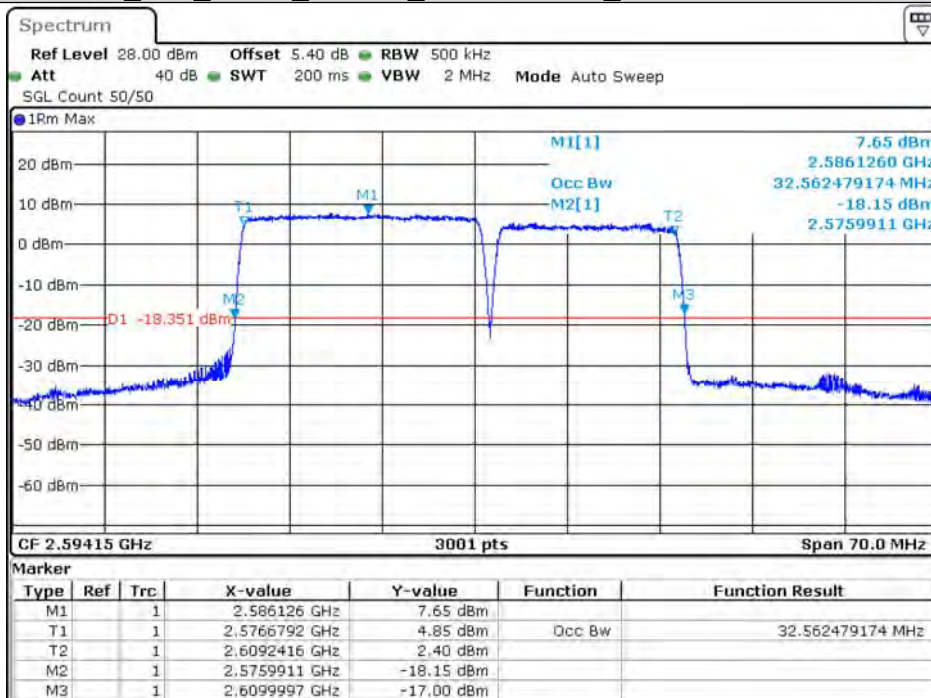


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Date: 26 MAY 2021 09:20:24

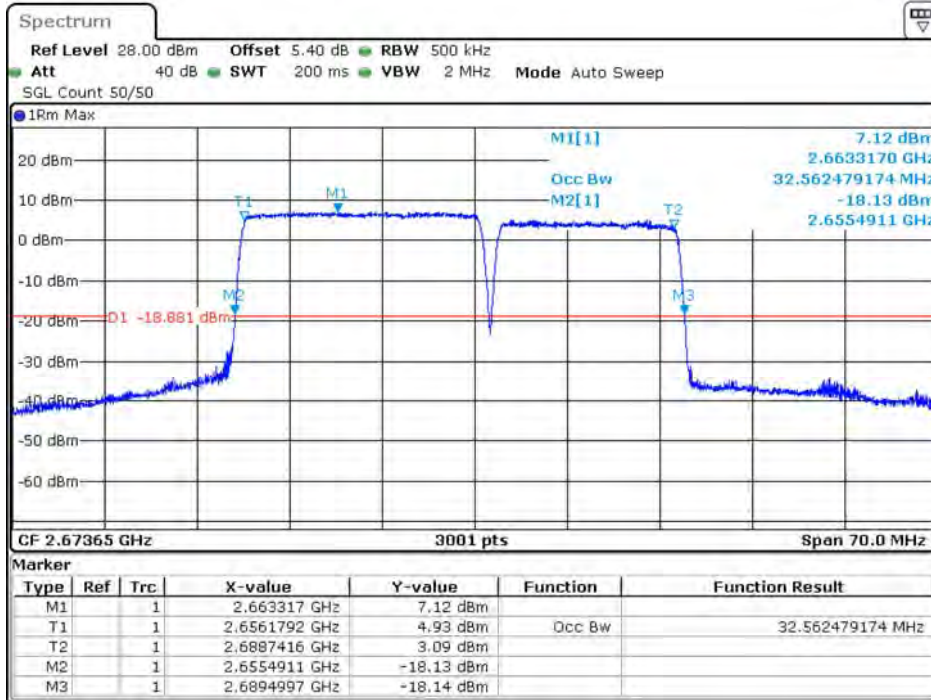
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Date: 26 MAY 2021 09:21:32

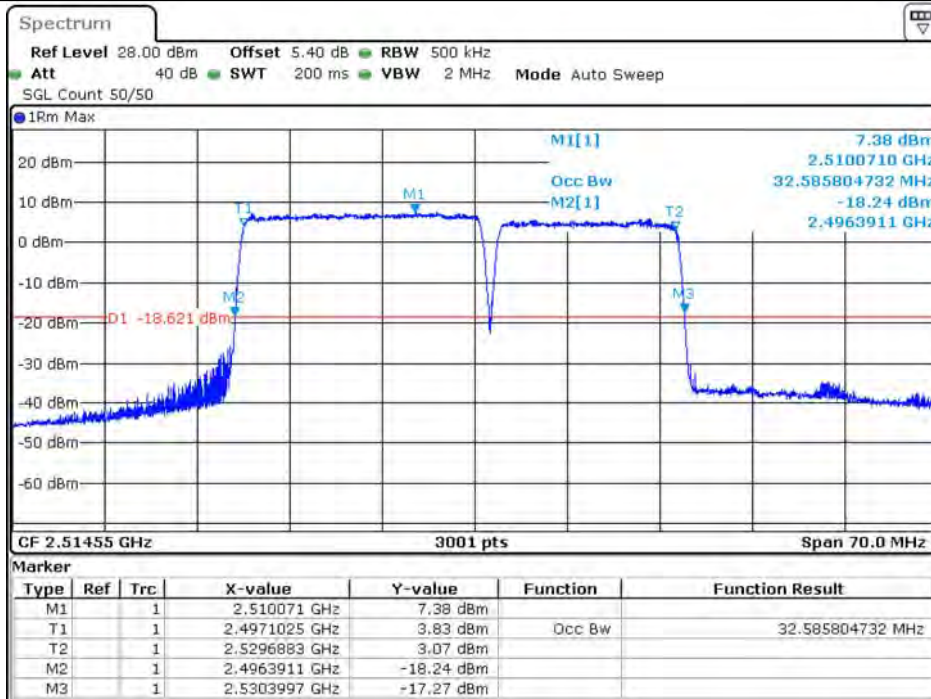


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Date: 26 MAY 2021 09:22:46

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Date: 26 MAY 2021 09:20:43

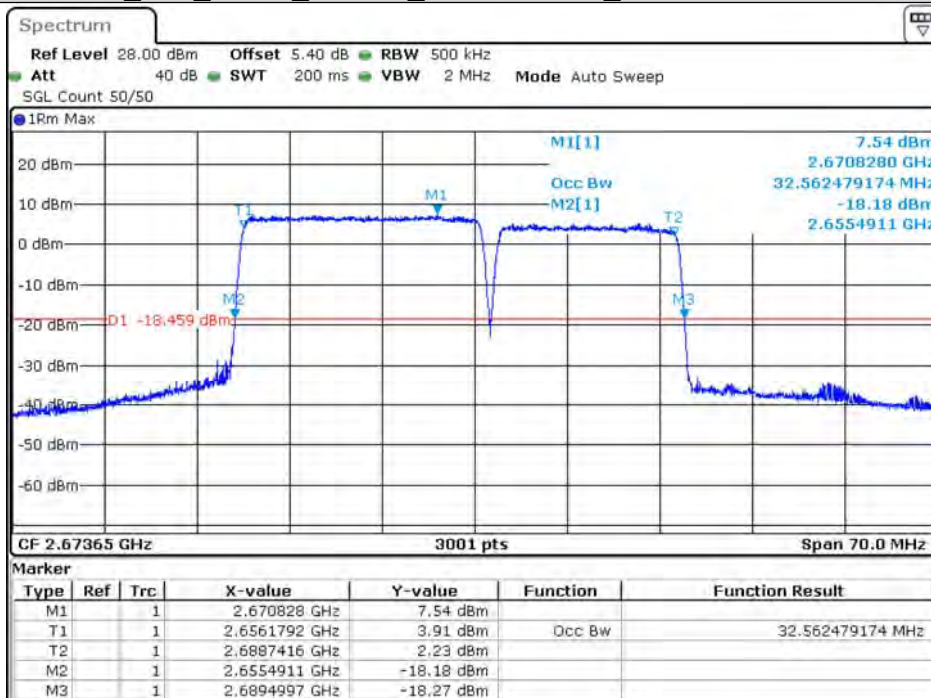


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Date: 26 MAY 2021 09:21:50

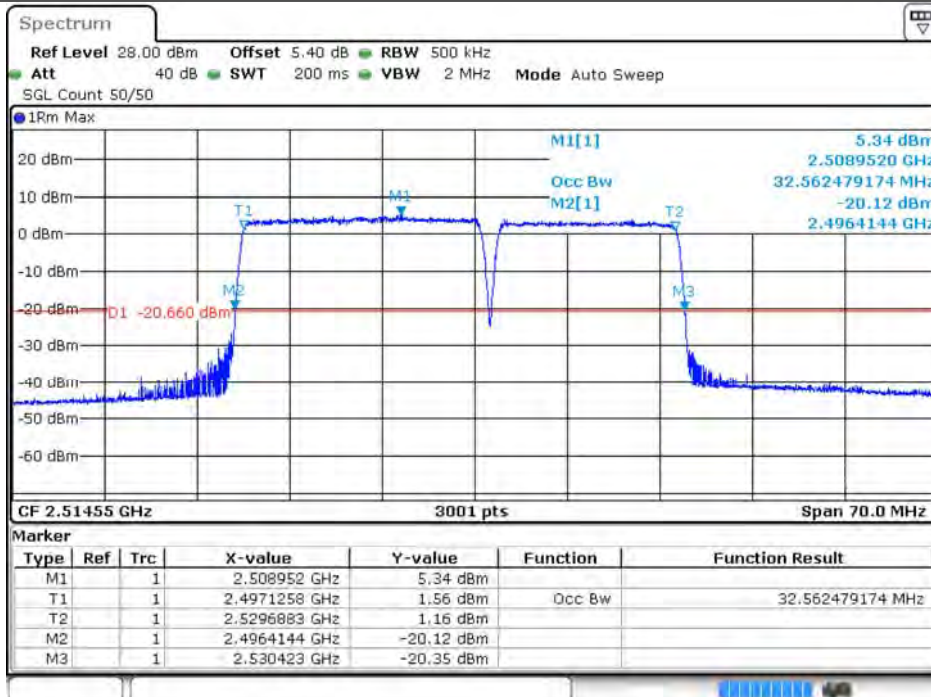
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Date: 26 MAY 2021 09:23:05

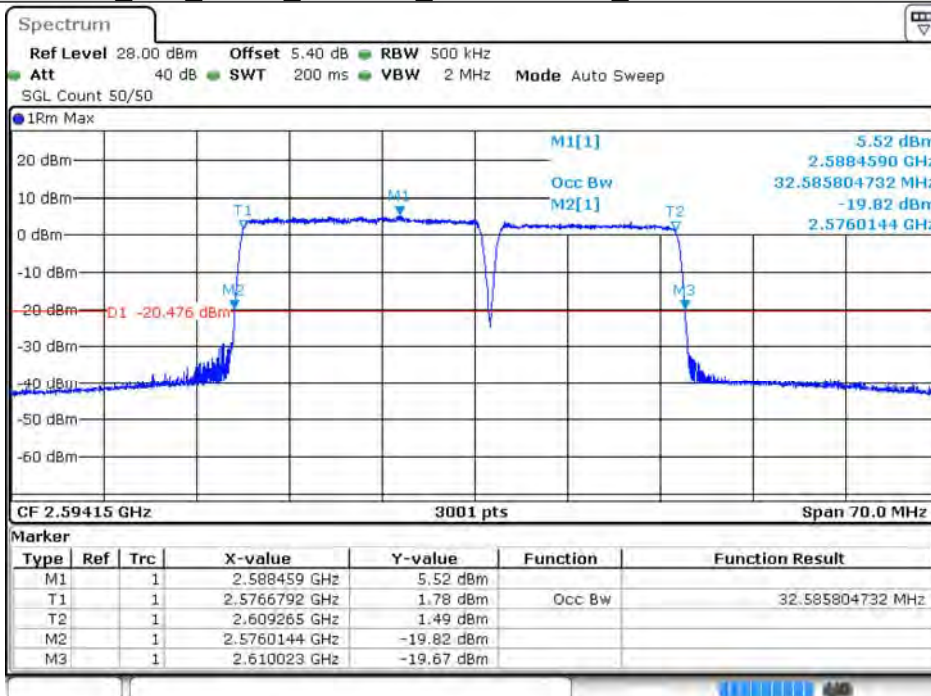


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Date: 7.MAY 2021 01:33:52

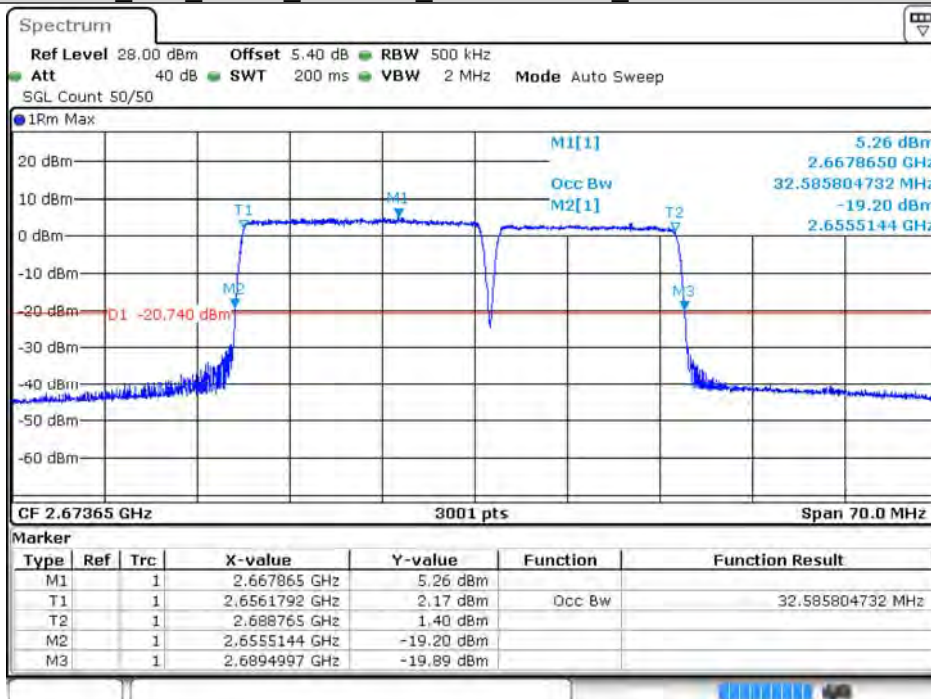
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Date: 7.MAY 2021 01:34:20

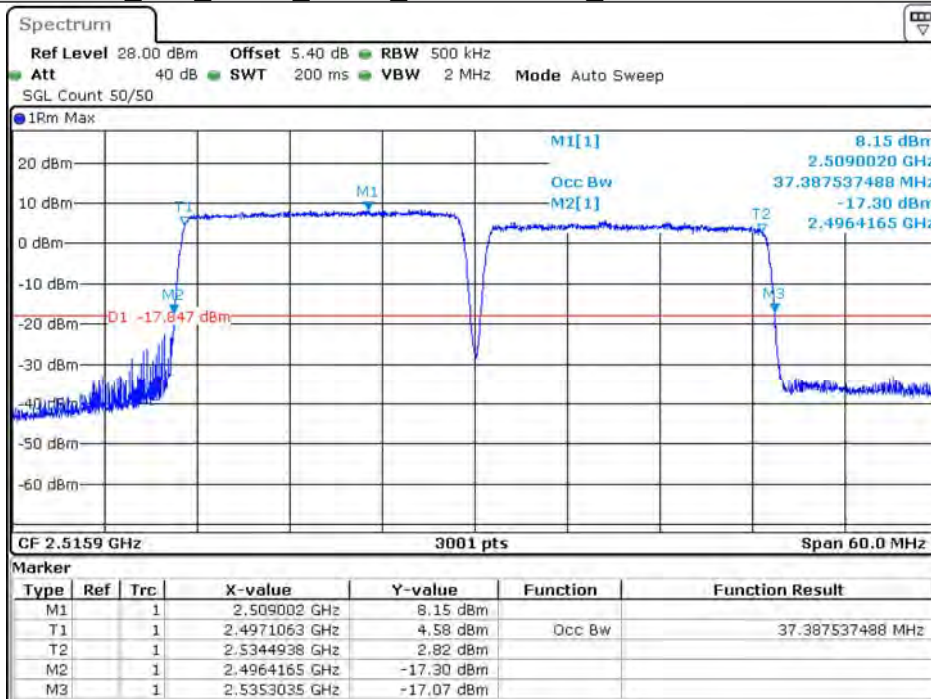


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Date: 7 MAY 2021 01:34:48

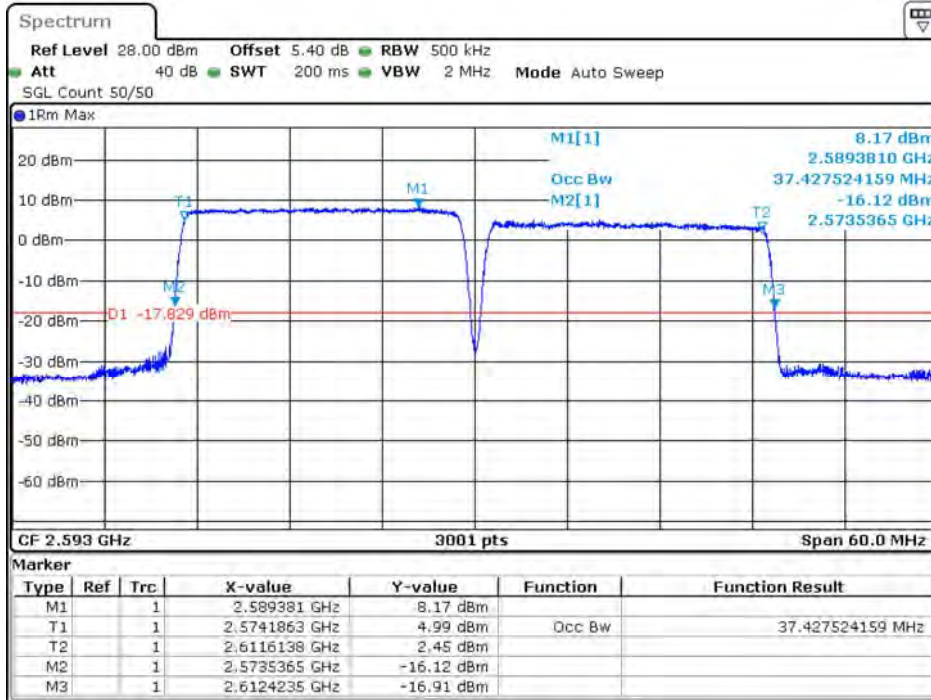
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Date: 26 MAY 2021 09:39:55

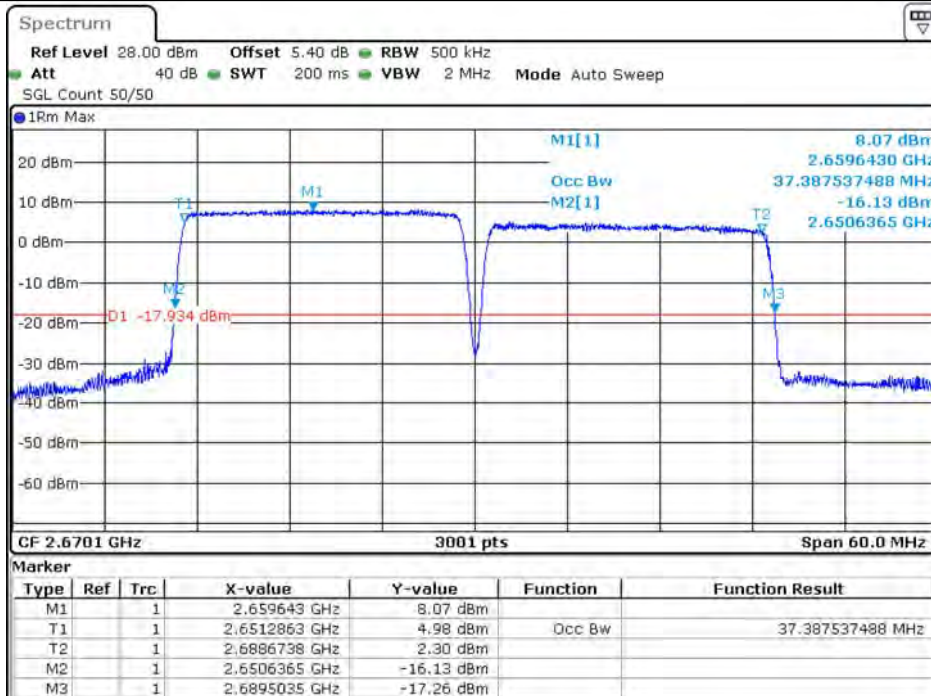


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Date: 26 MAY 2021 08:58:02

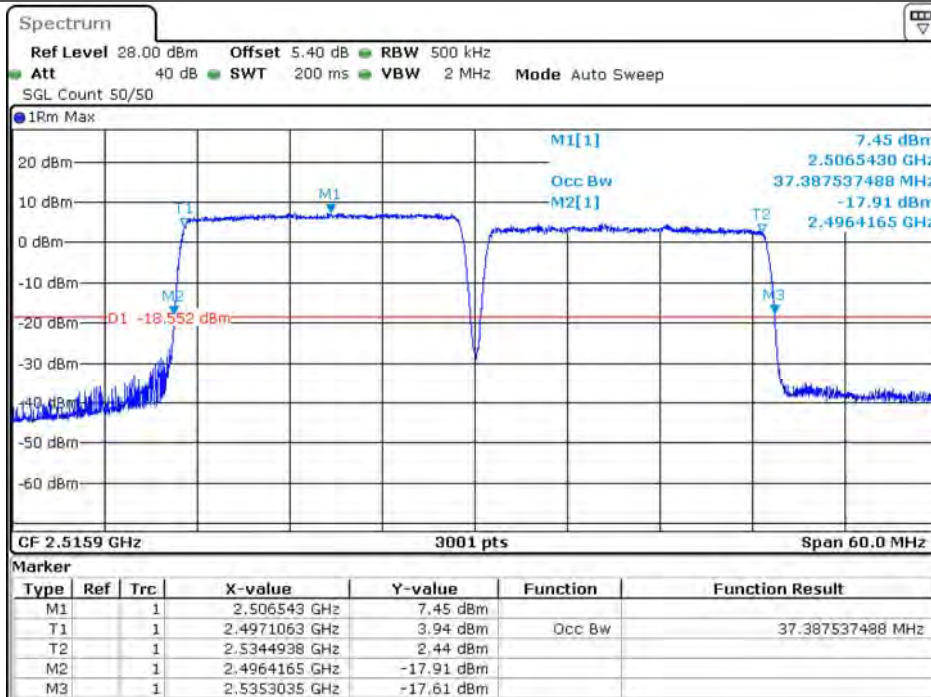
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Date: 26 MAY 2021 08:59:06

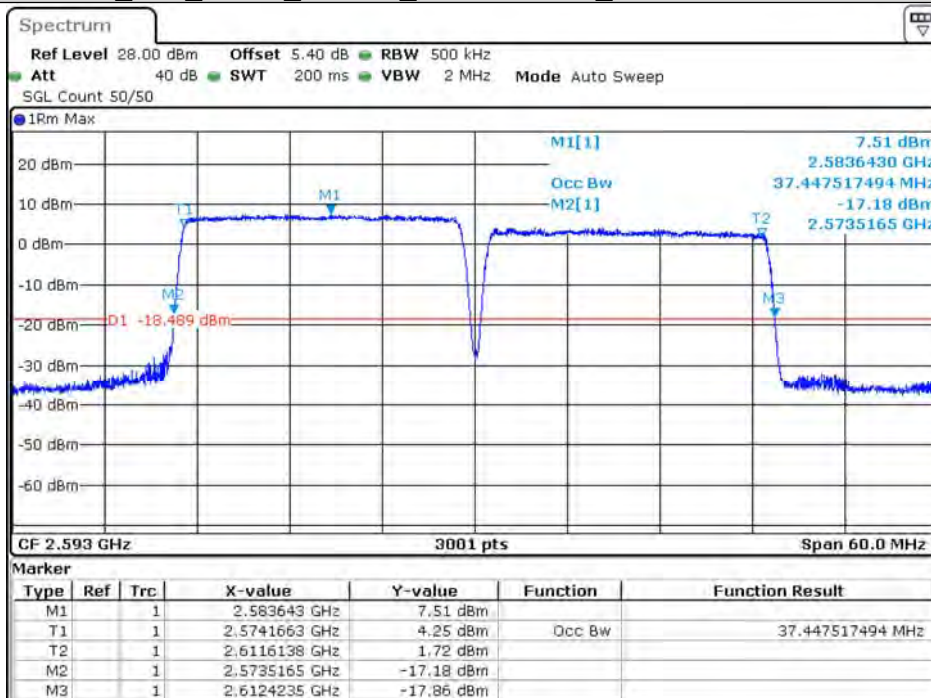


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Date: 26 MAY 2021 09:40:11

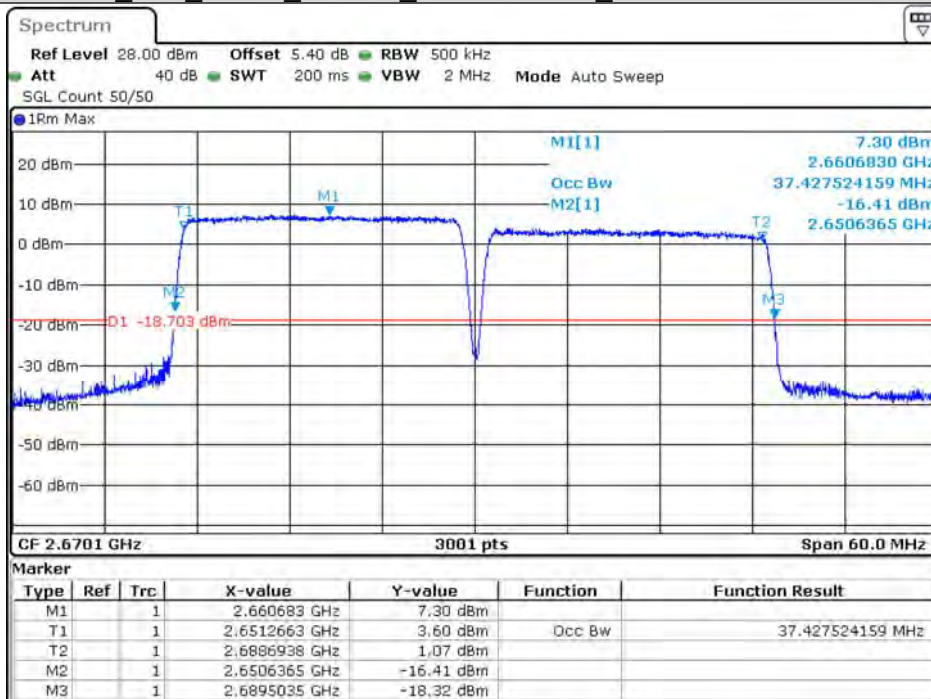
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Date: 26 MAY 2021 08:58:18

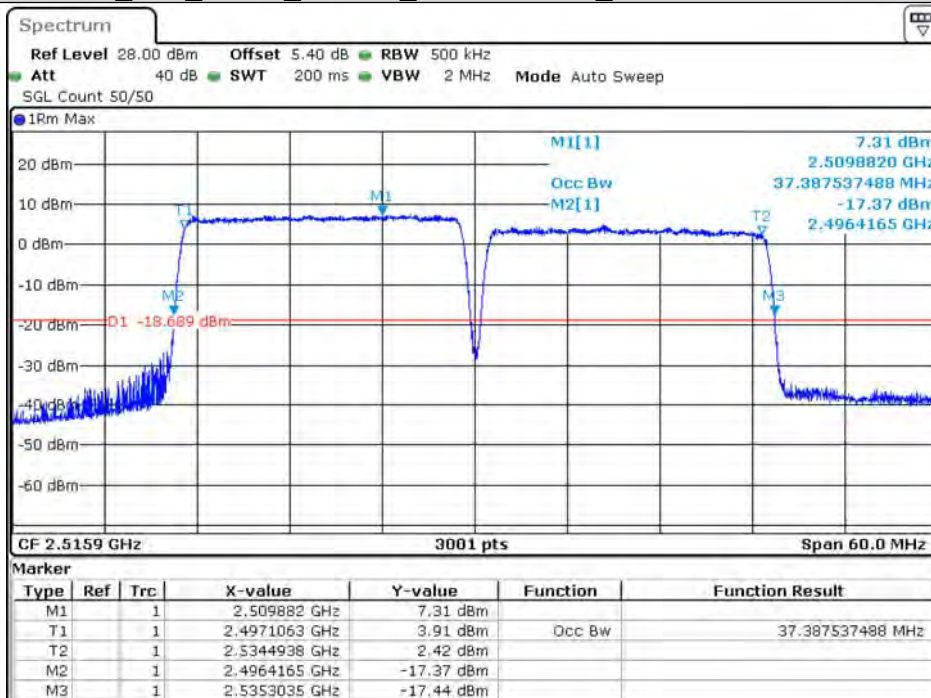


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Date: 26 MAY 2021 08:59:22

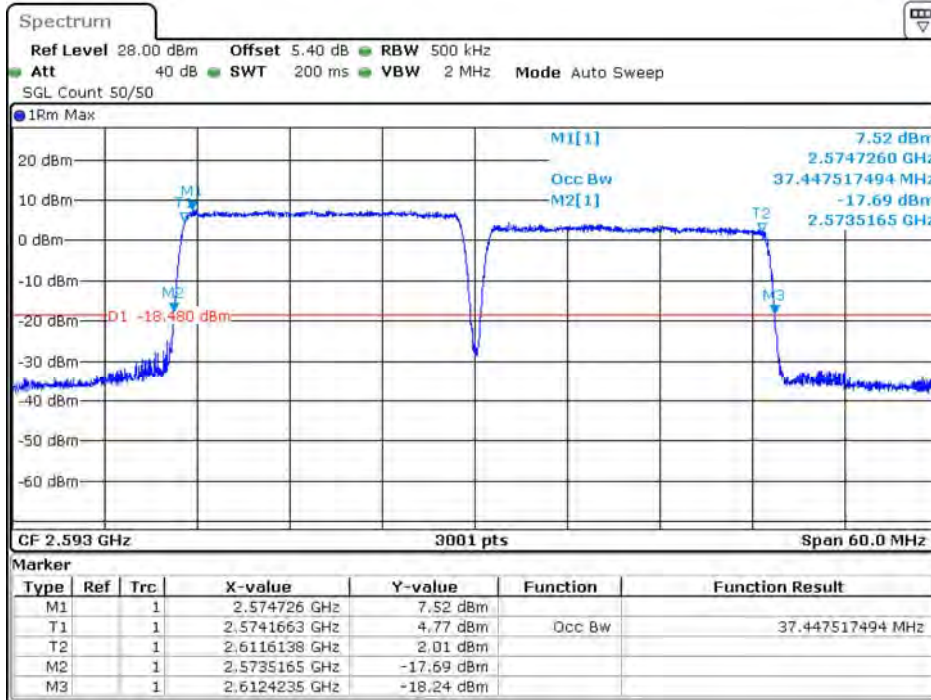
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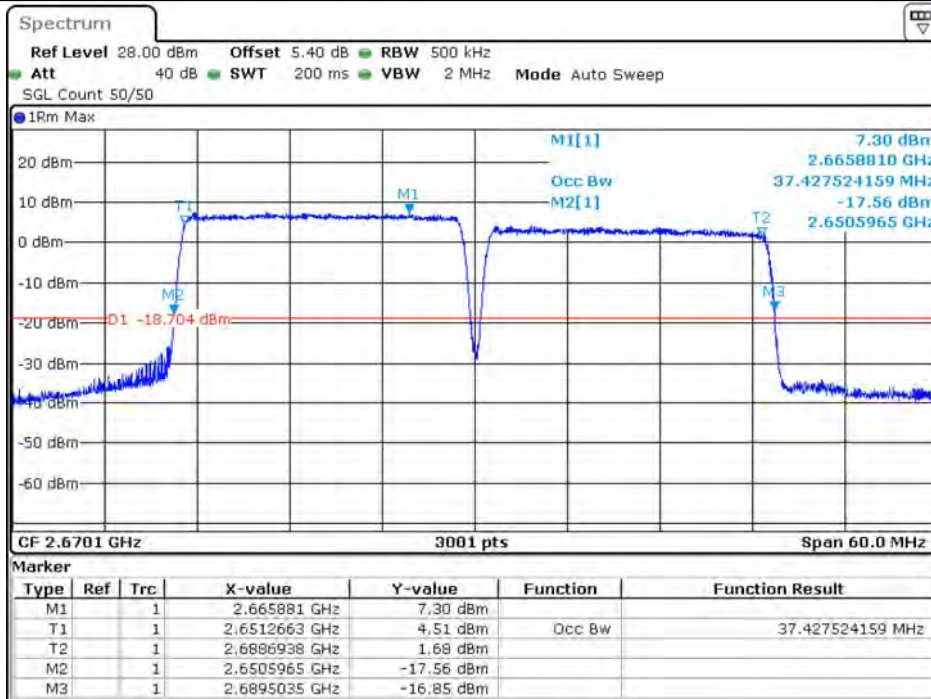


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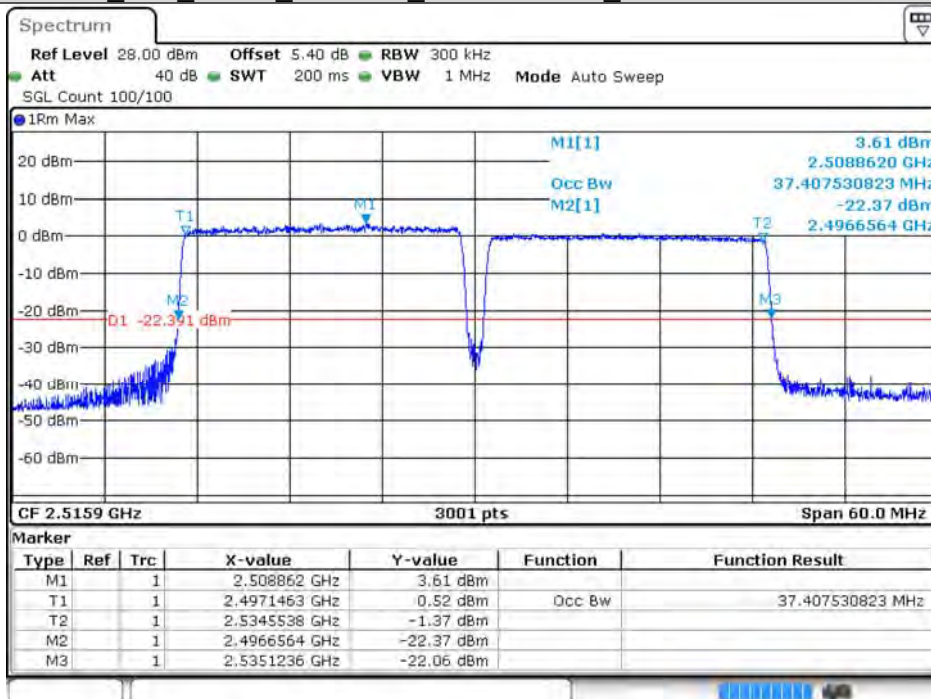
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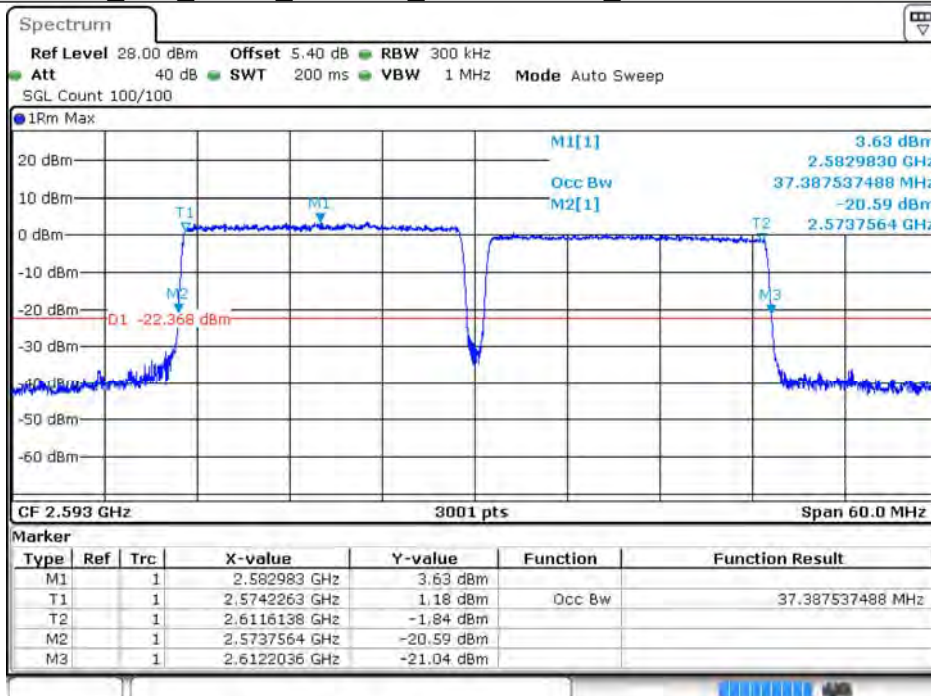


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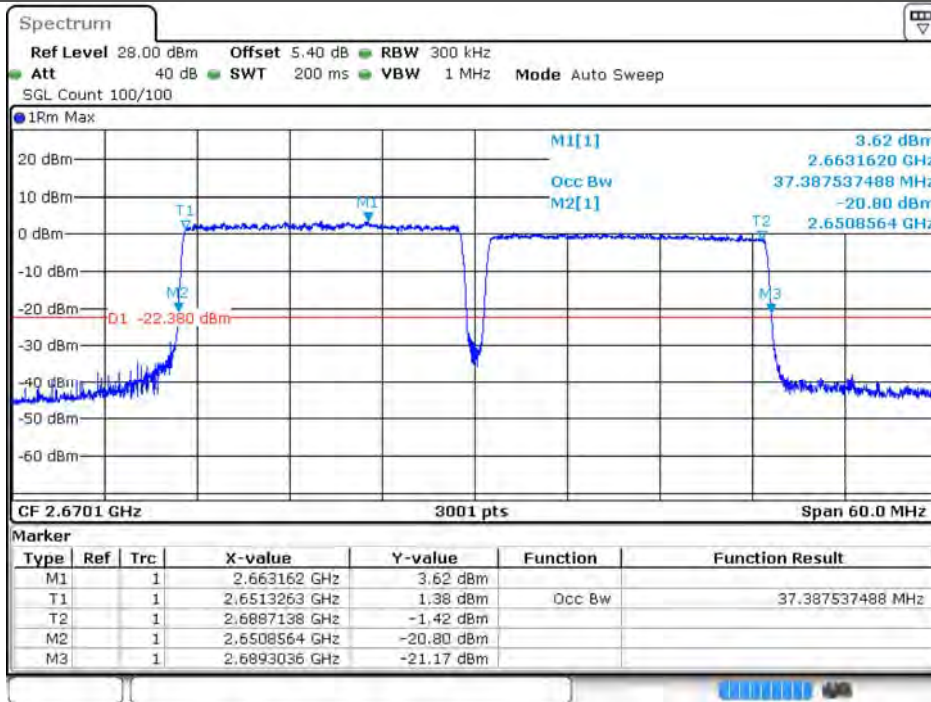
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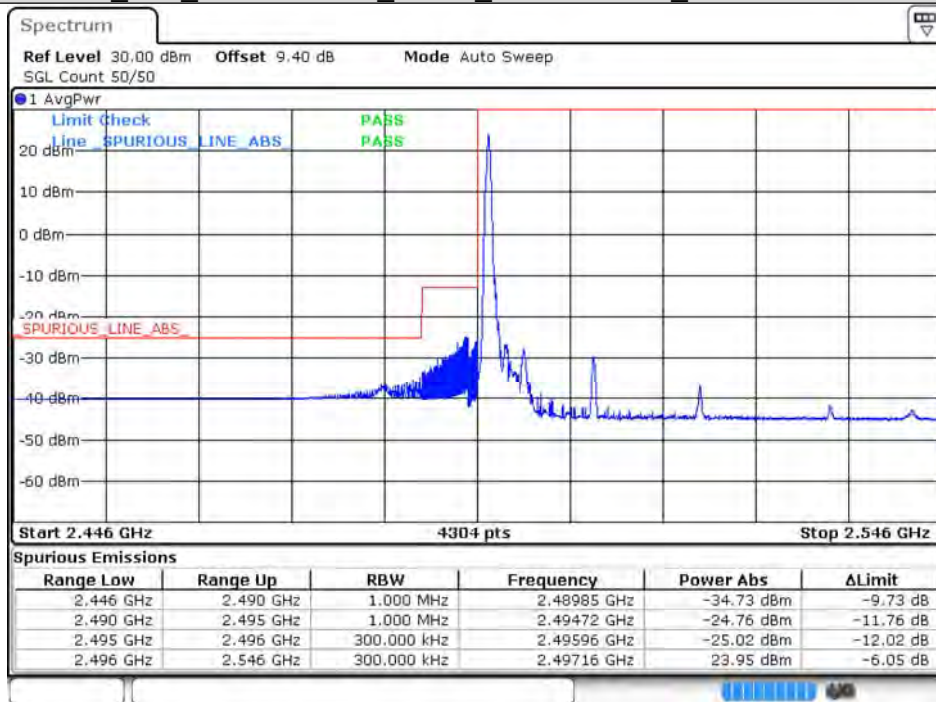


5 Band Edges Compliance

5.1 For LTE

5.1.1 Test Band = LTE Band CA_41C

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Date: 26.MAY.2021 21:15:01



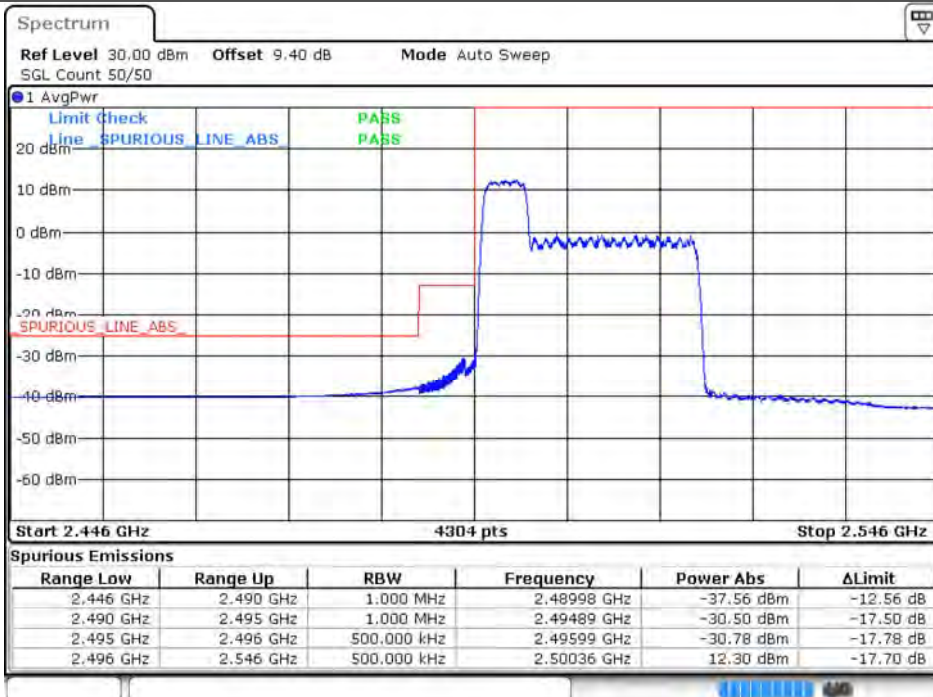
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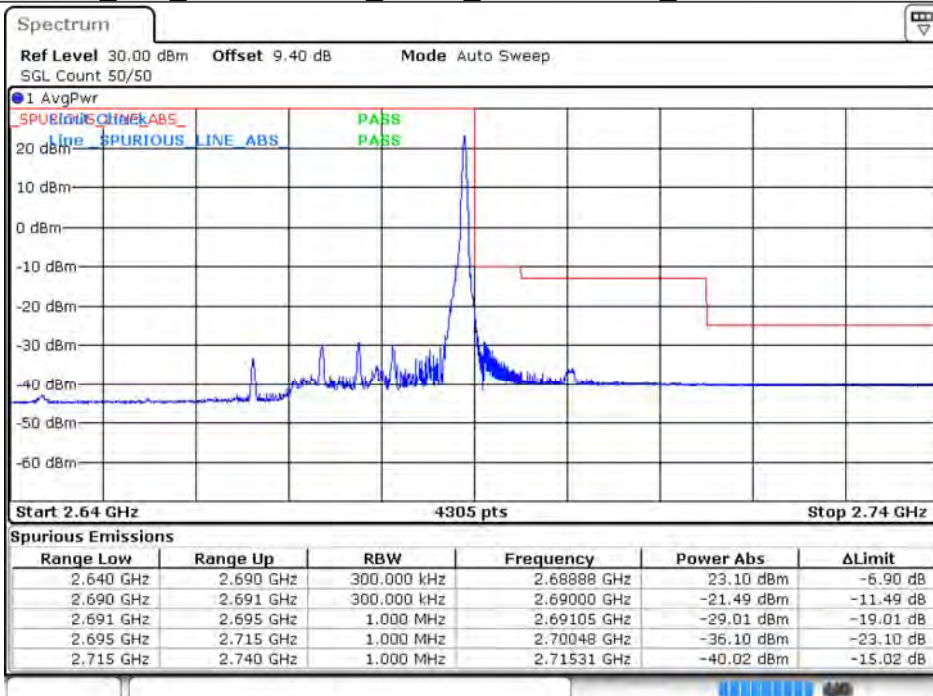
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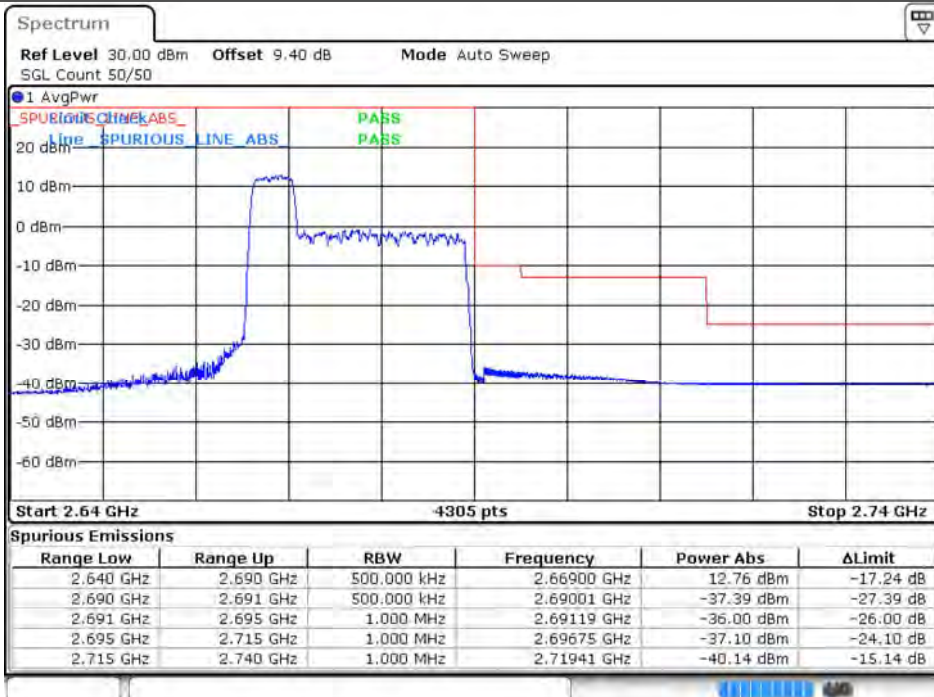
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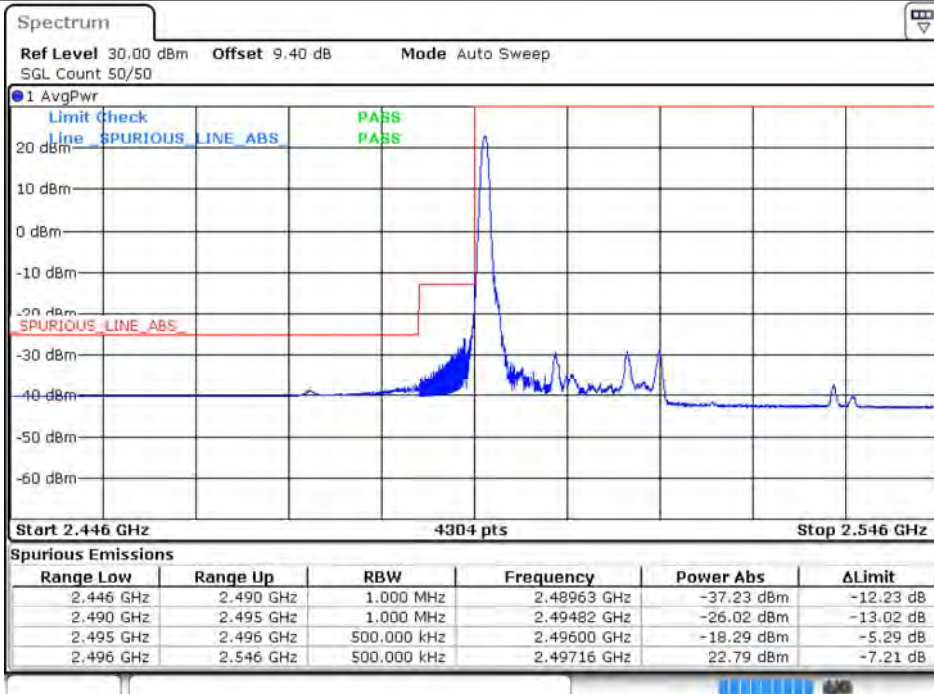


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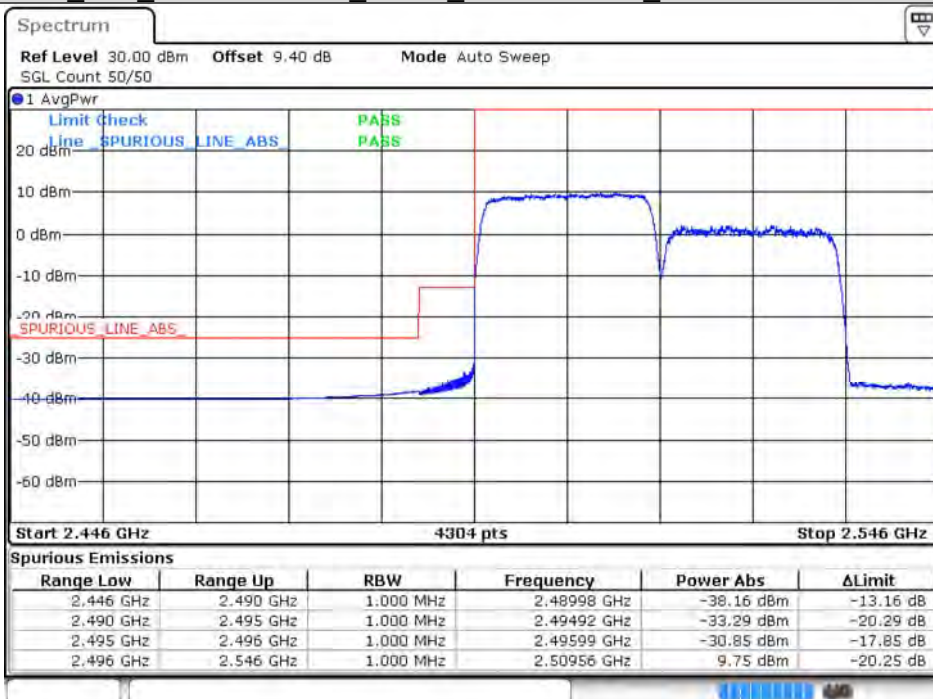
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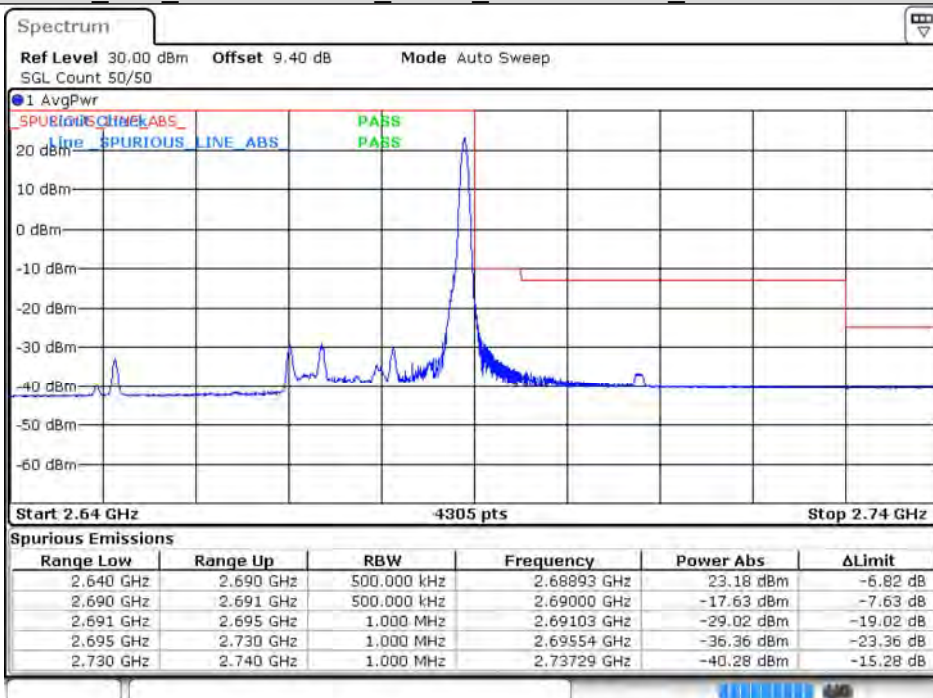


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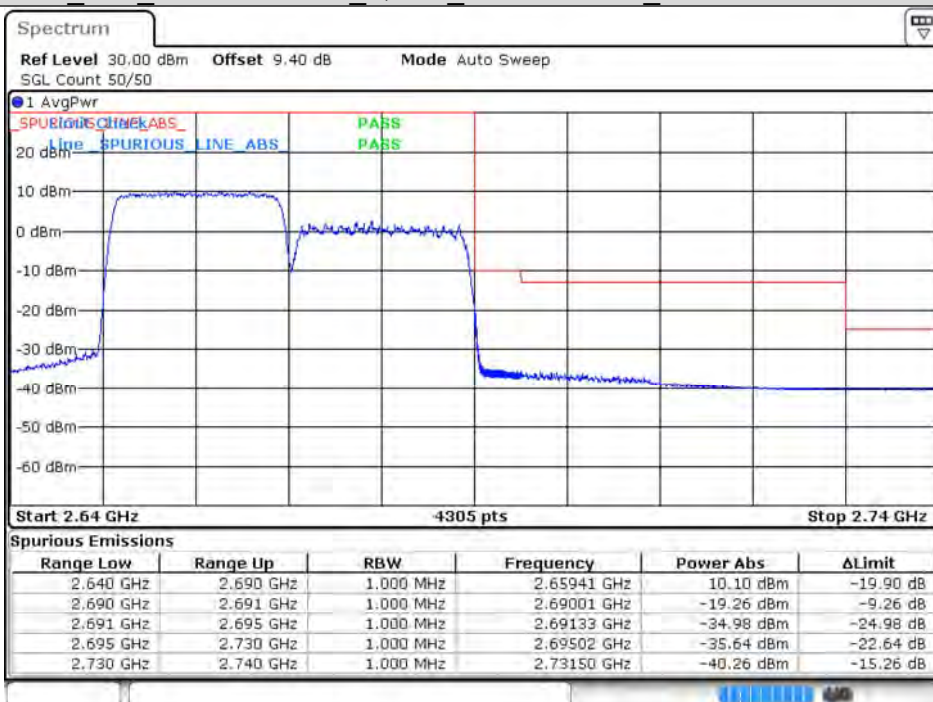
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Date: 26 MAY 2021 21:29:08

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6 Spurious Emission at Antenna Terminal

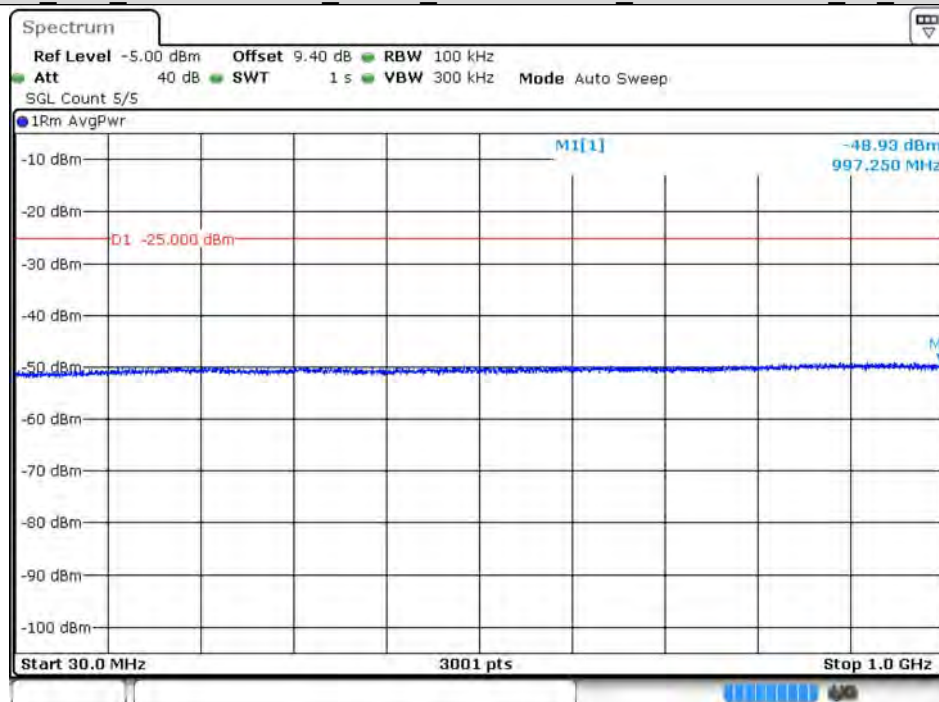
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k \cdot (\text{Span} / \text{RBW})$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE Band CA_41C

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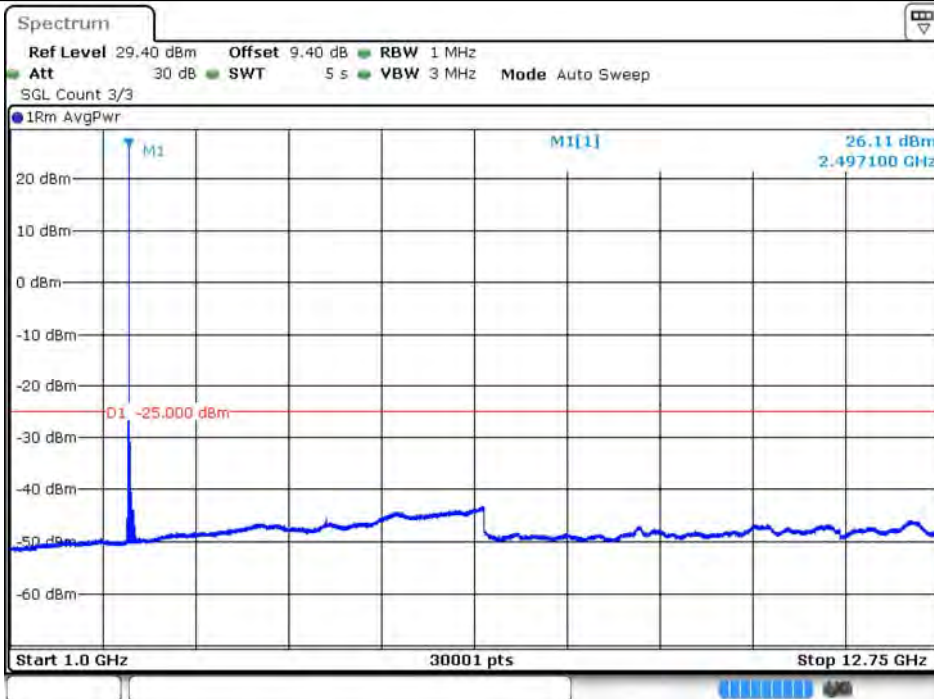
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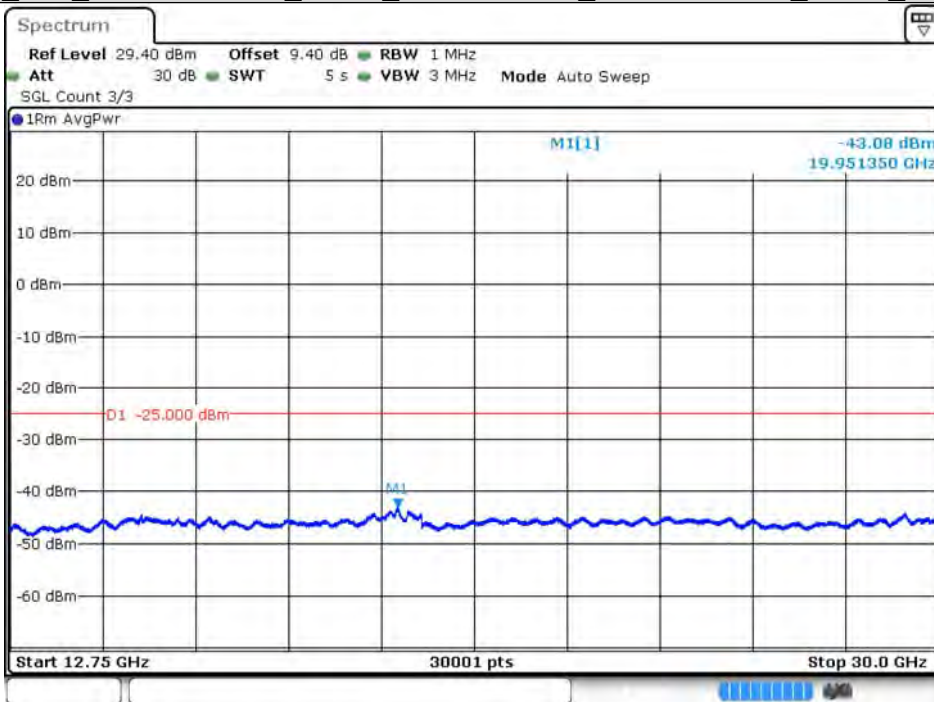
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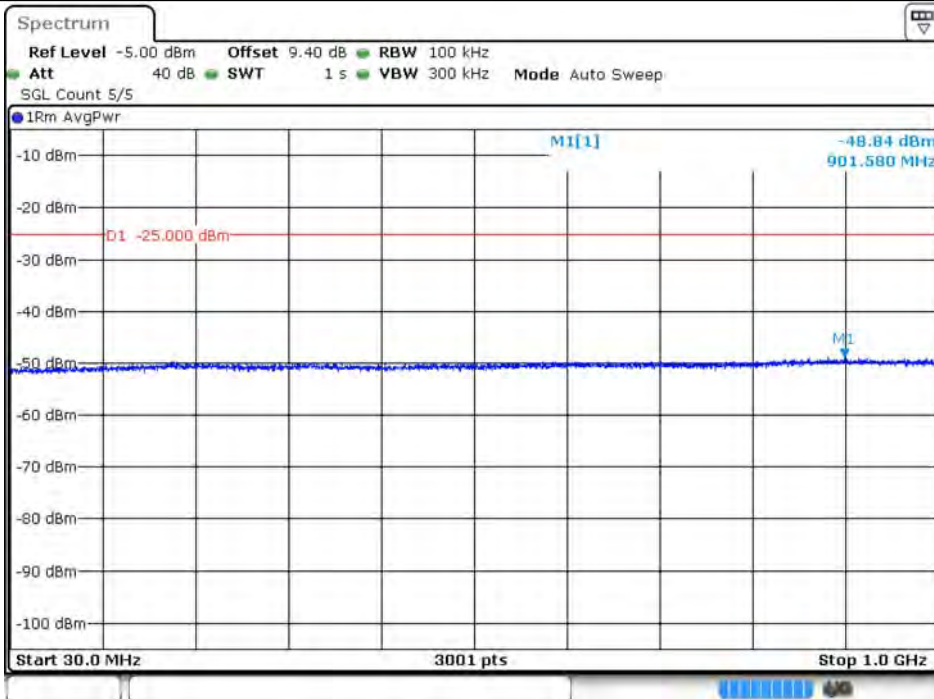
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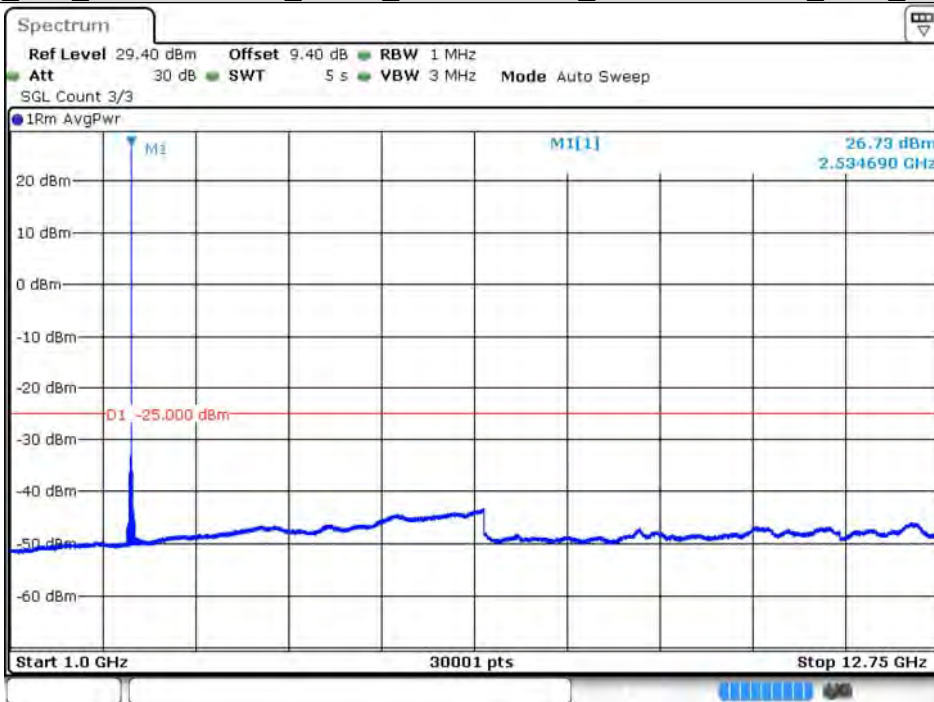
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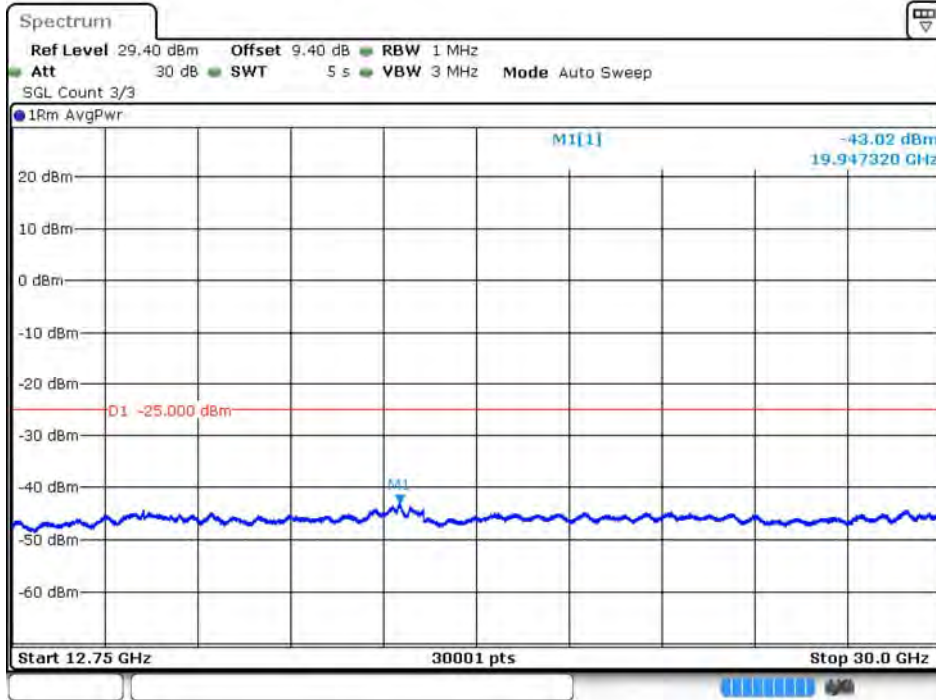
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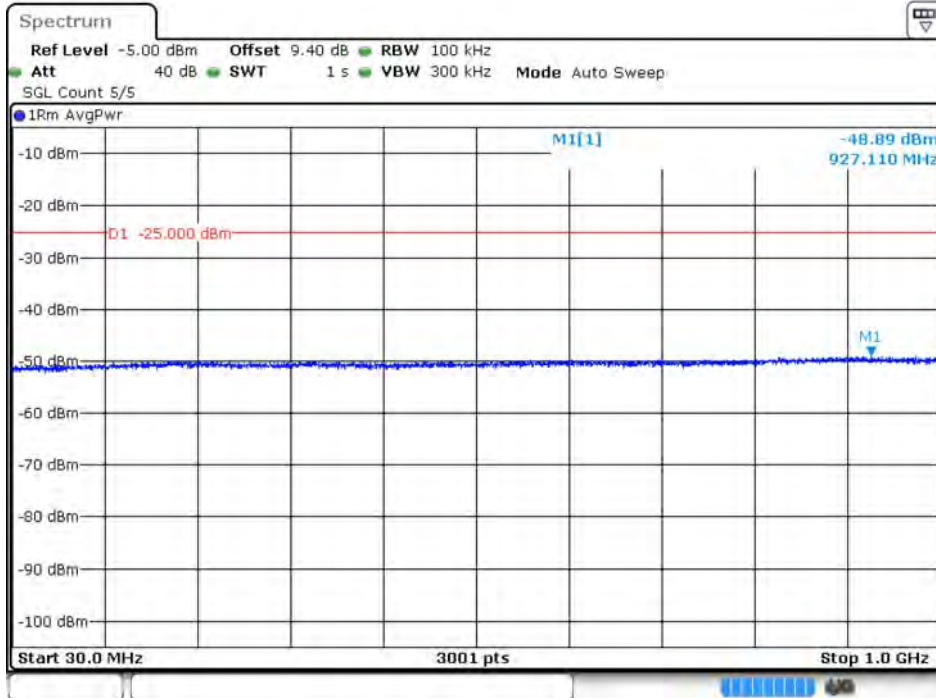


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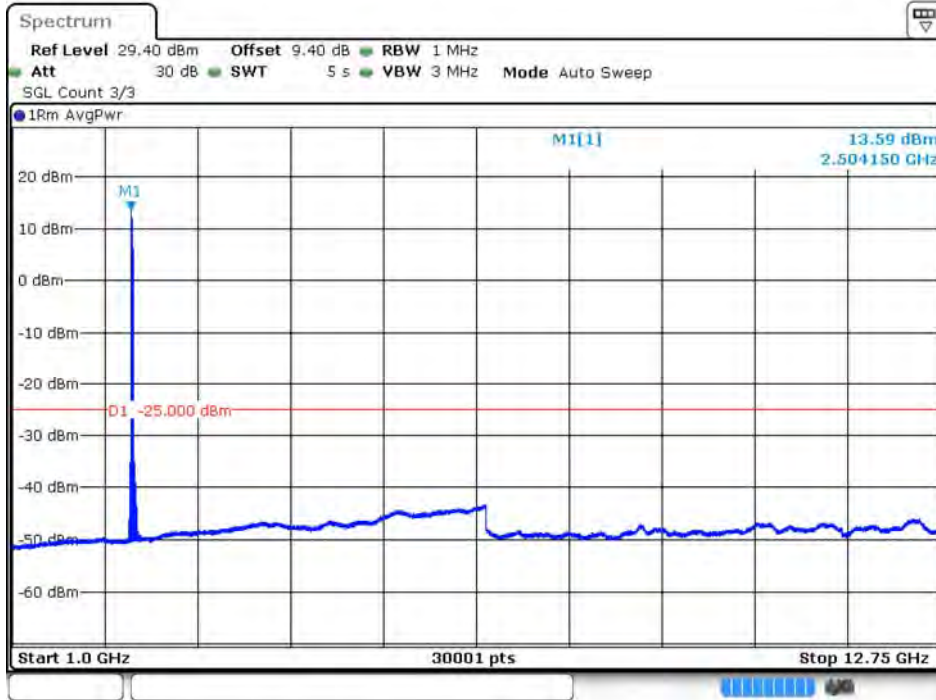
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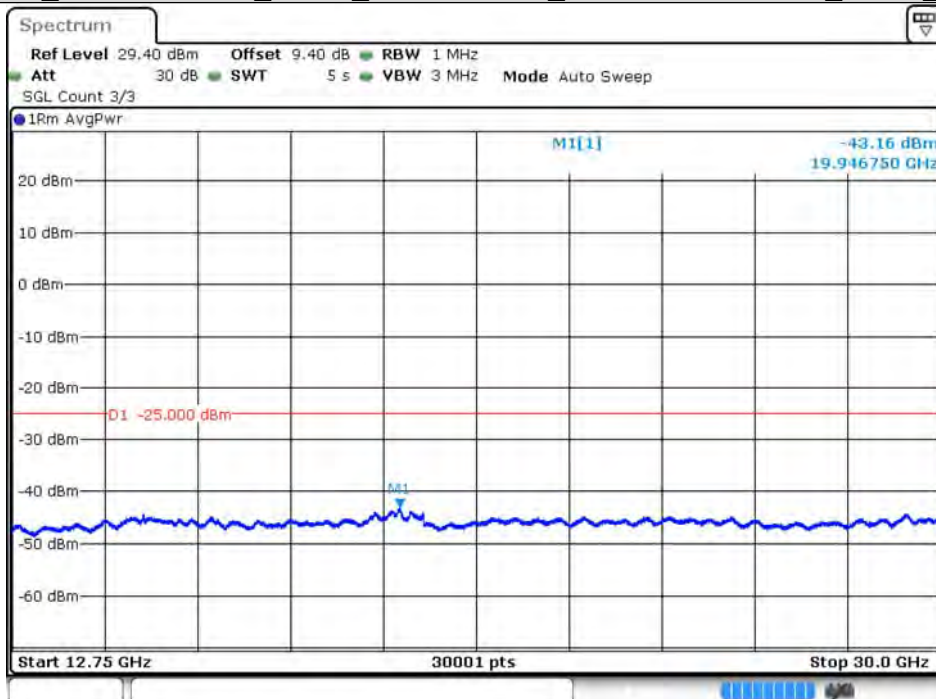


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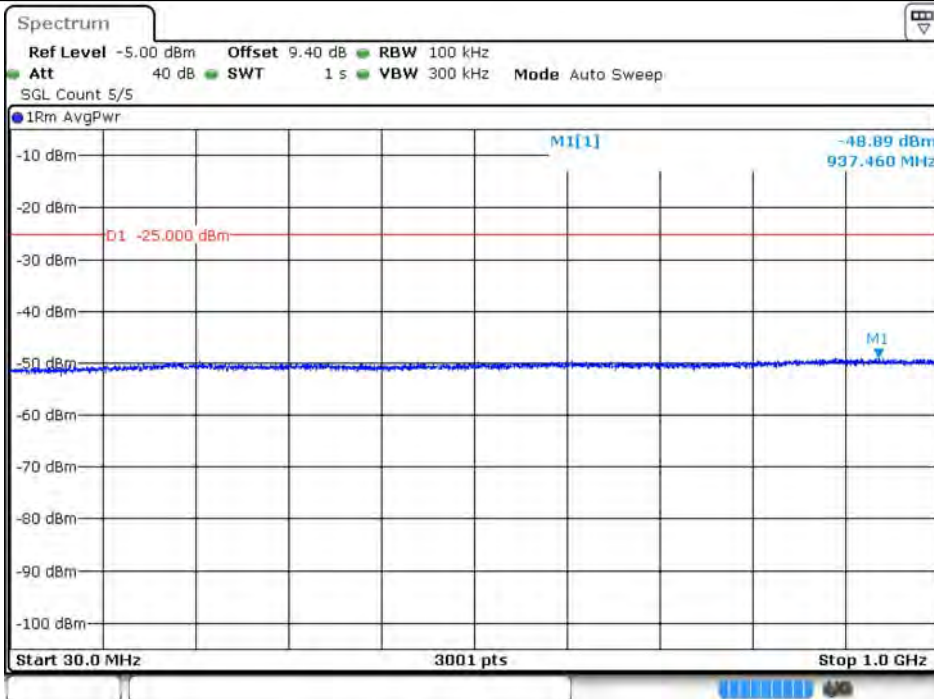
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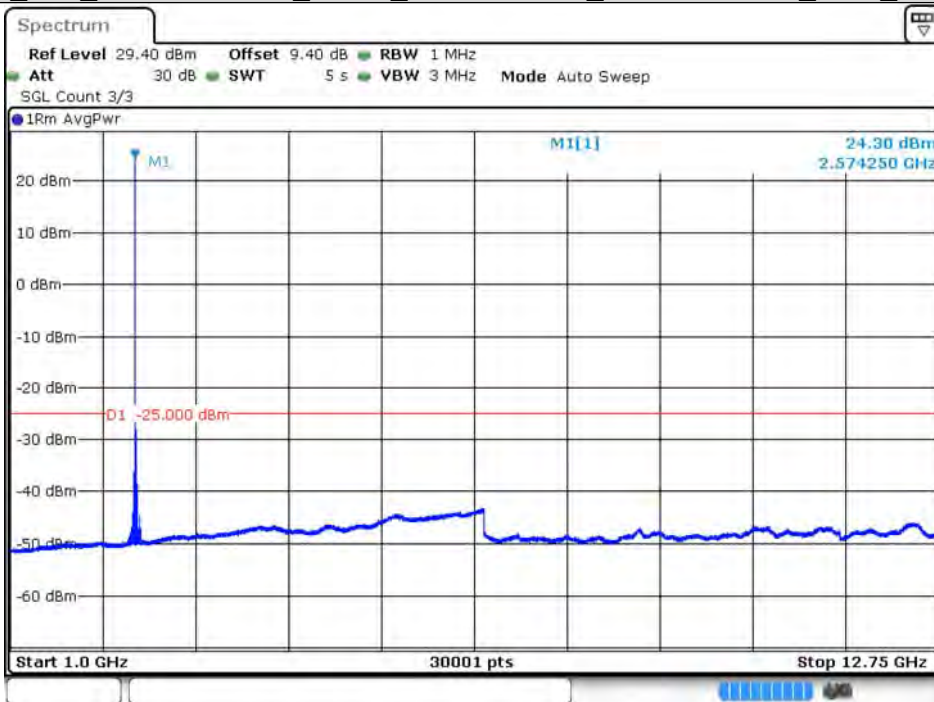


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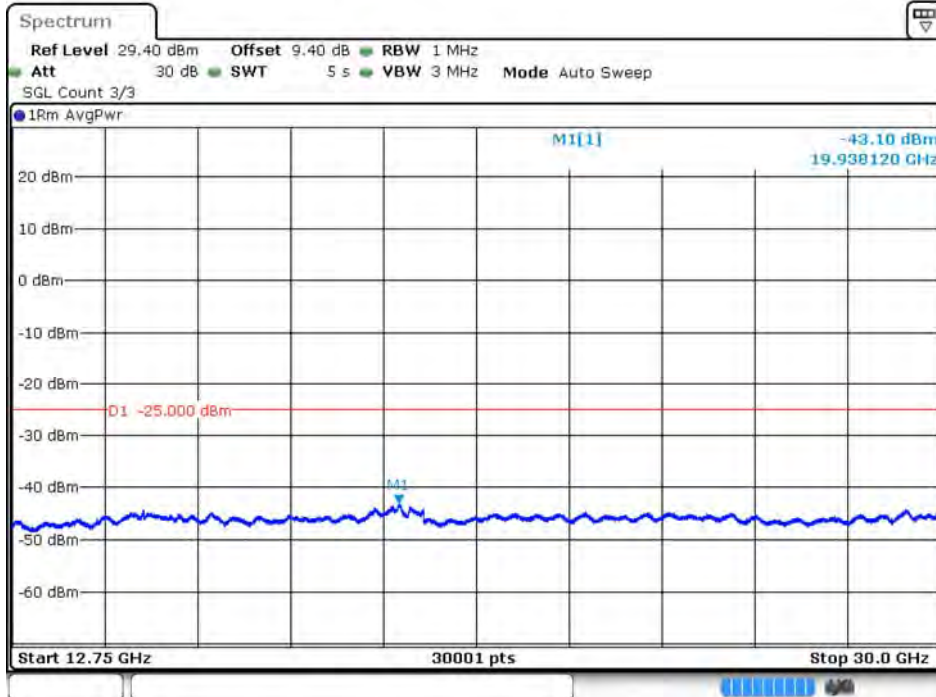
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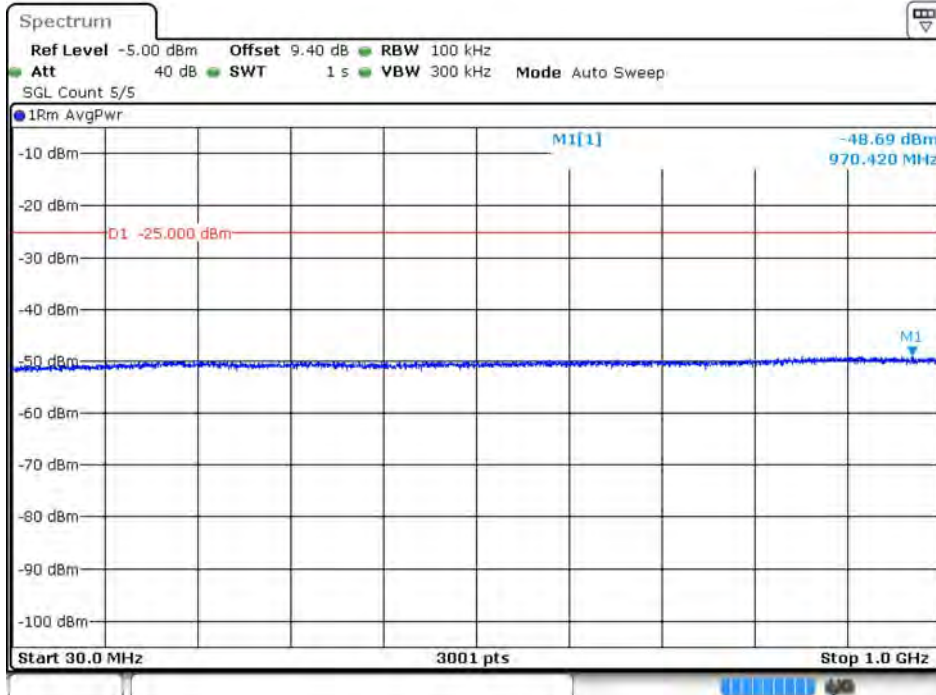
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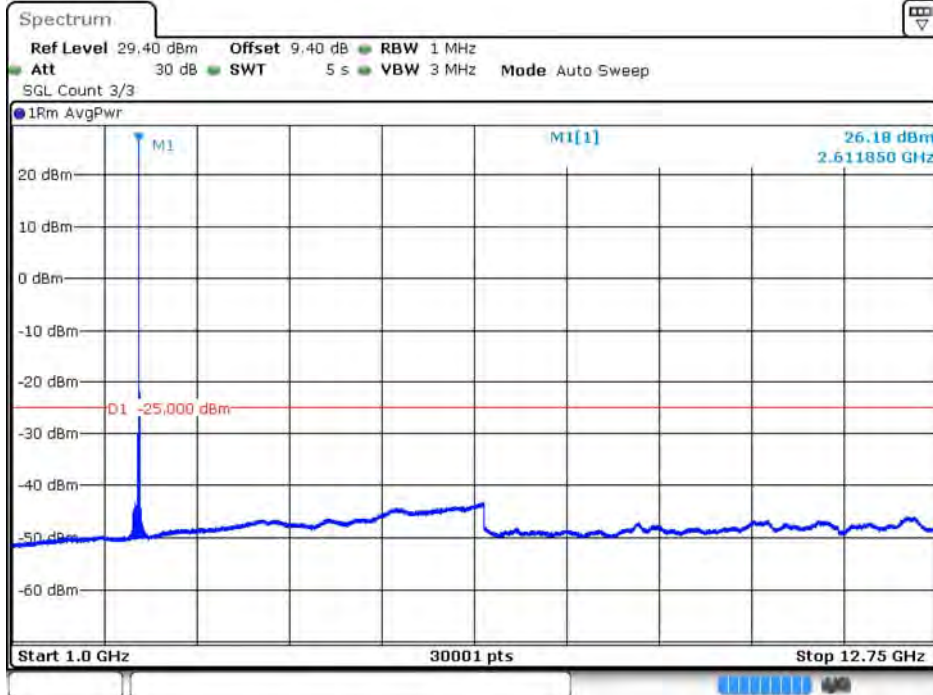
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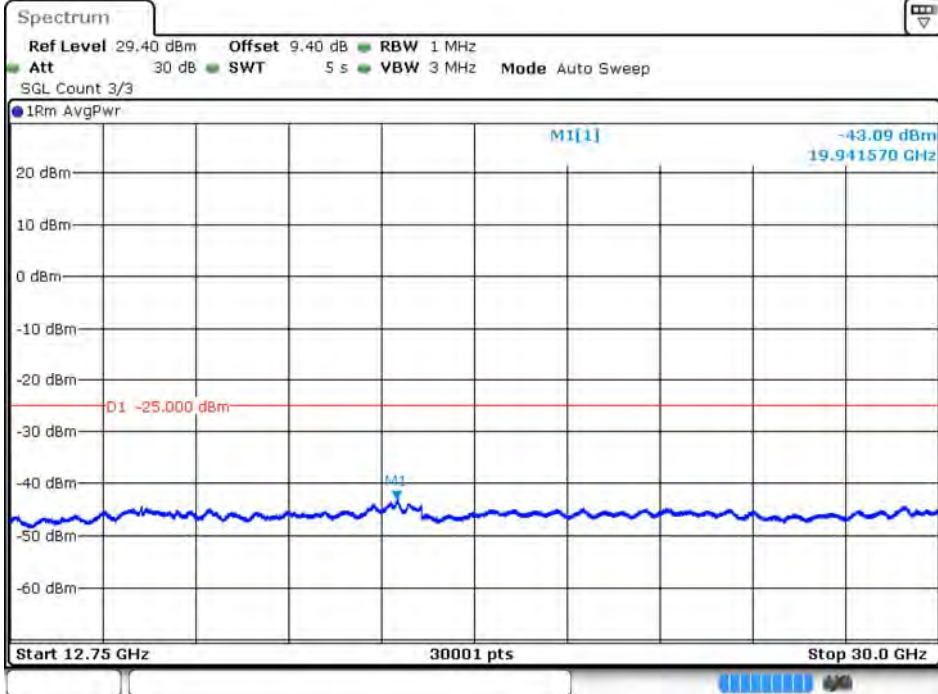
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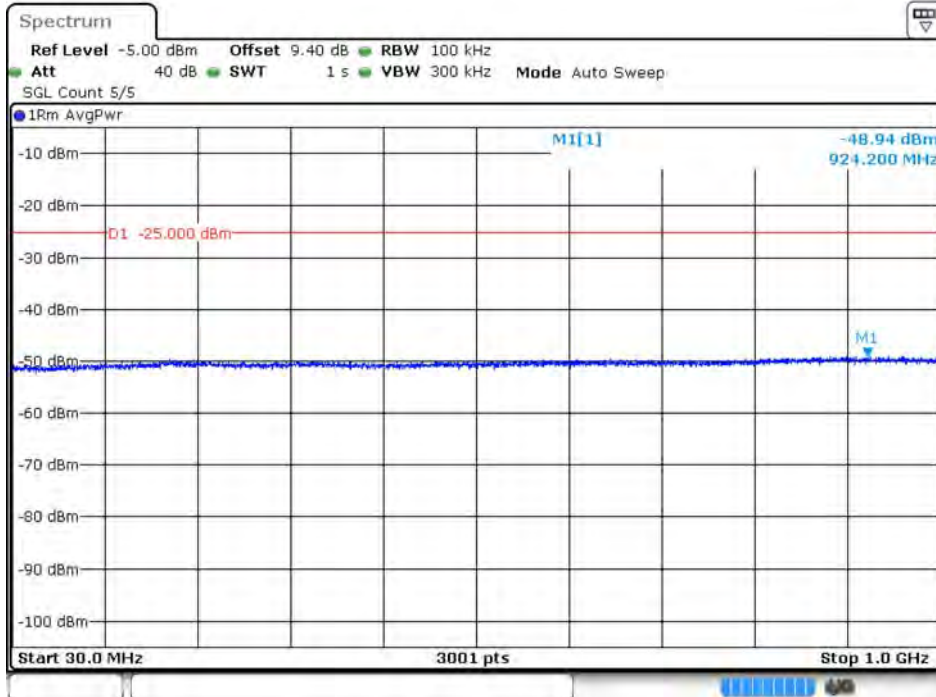
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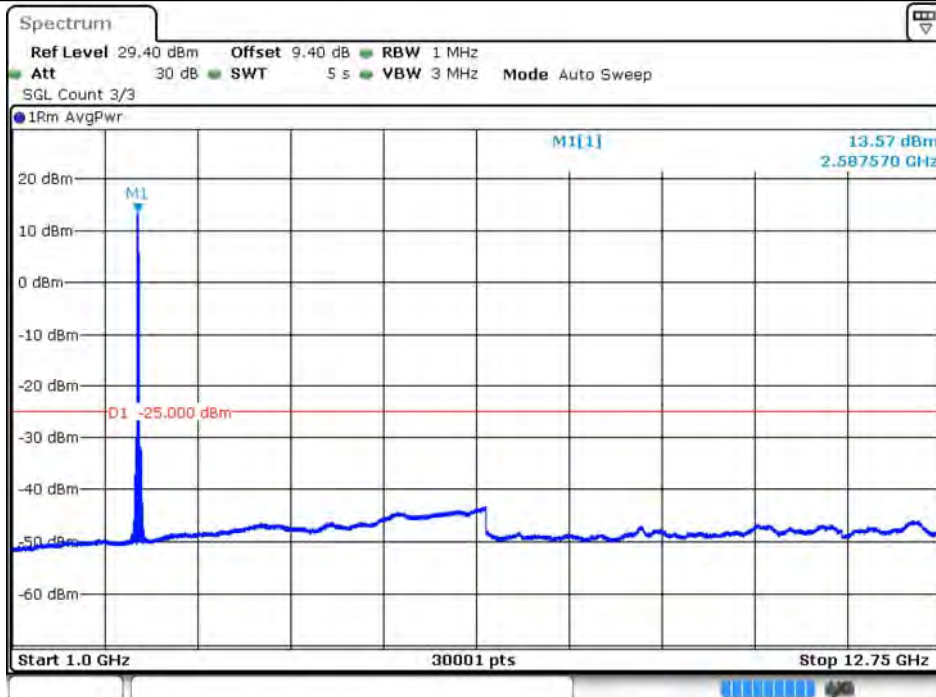


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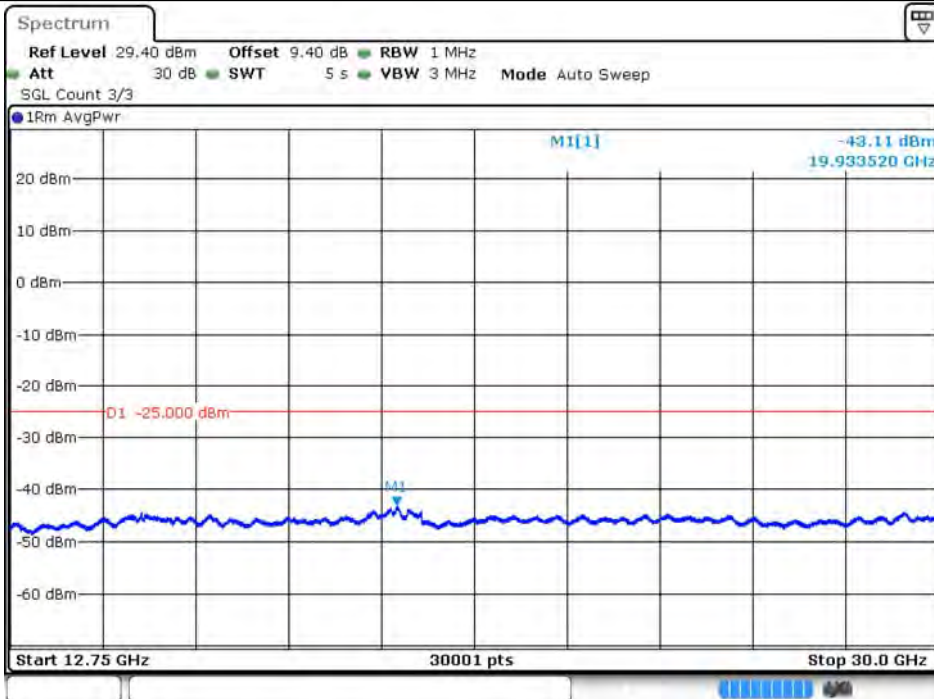
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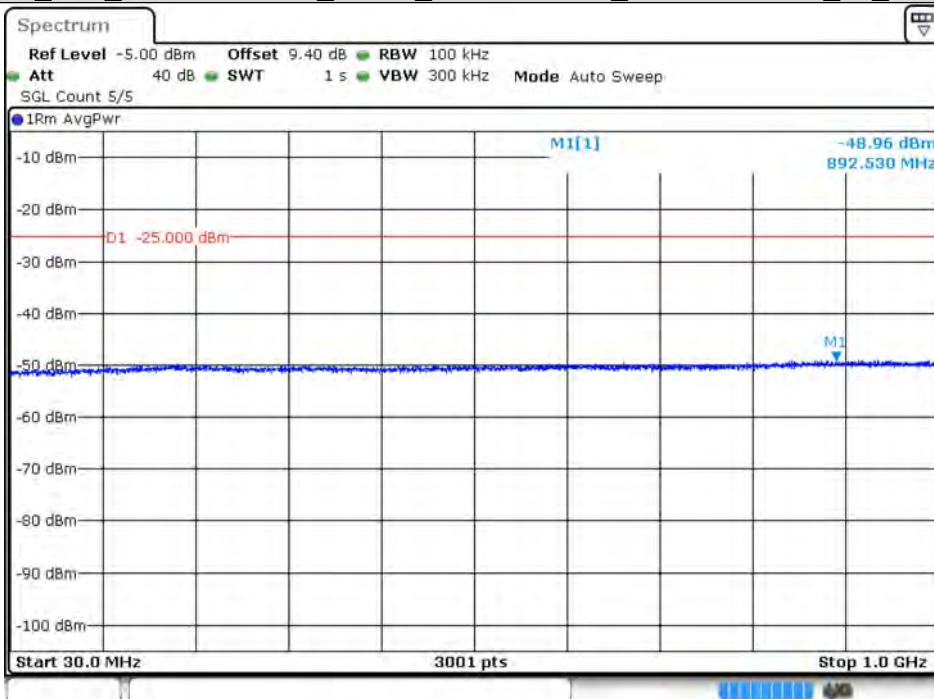


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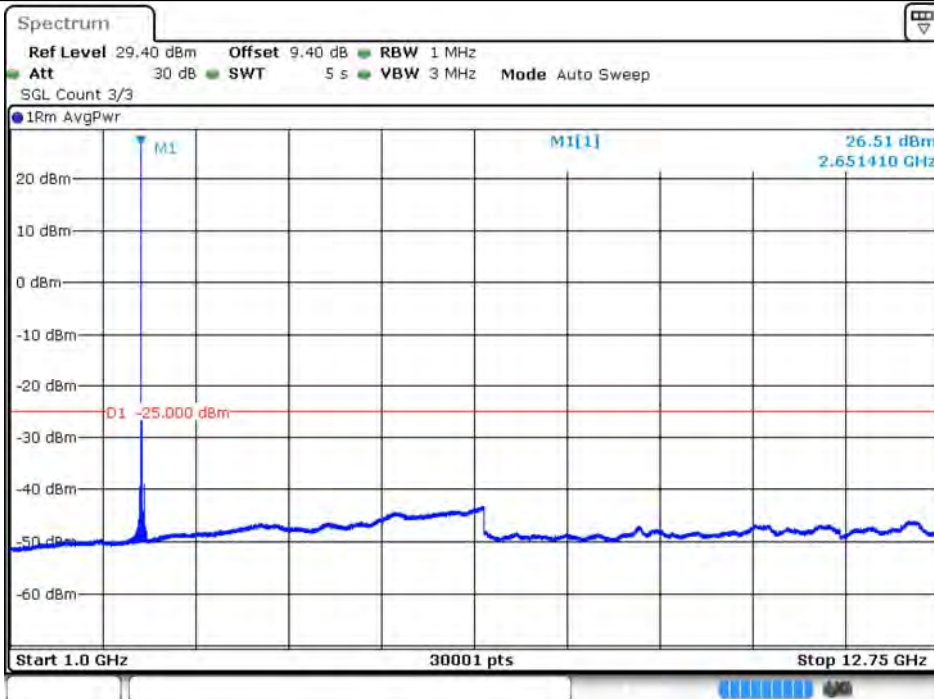
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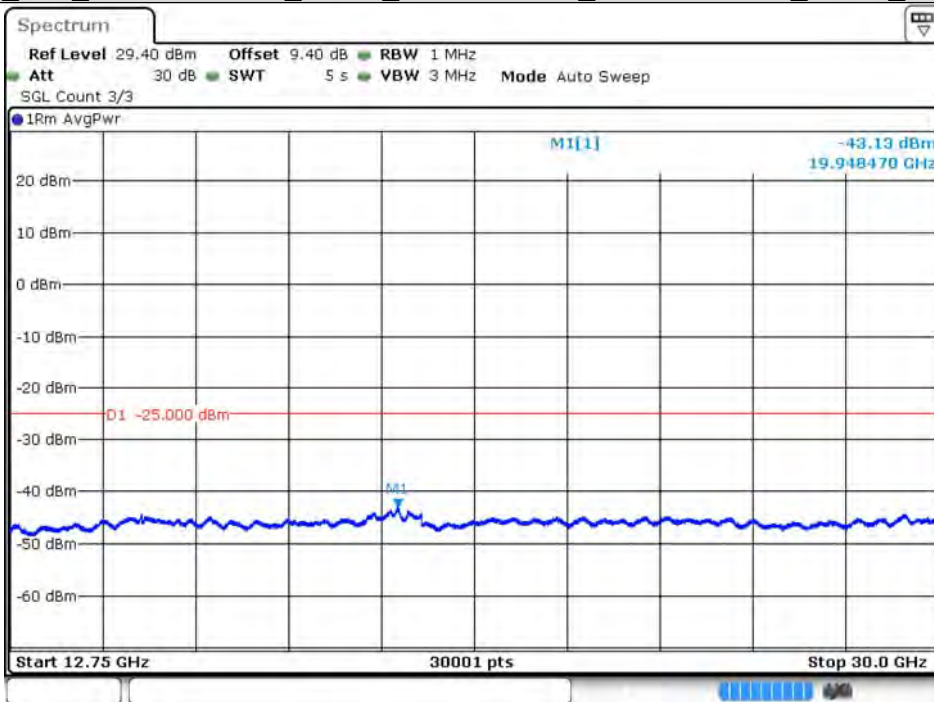


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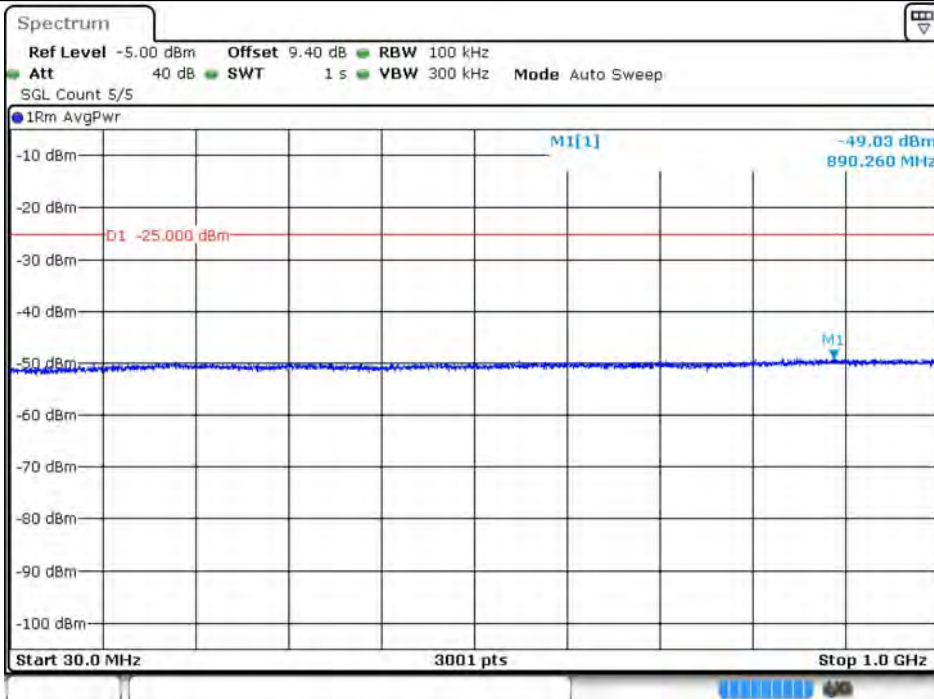


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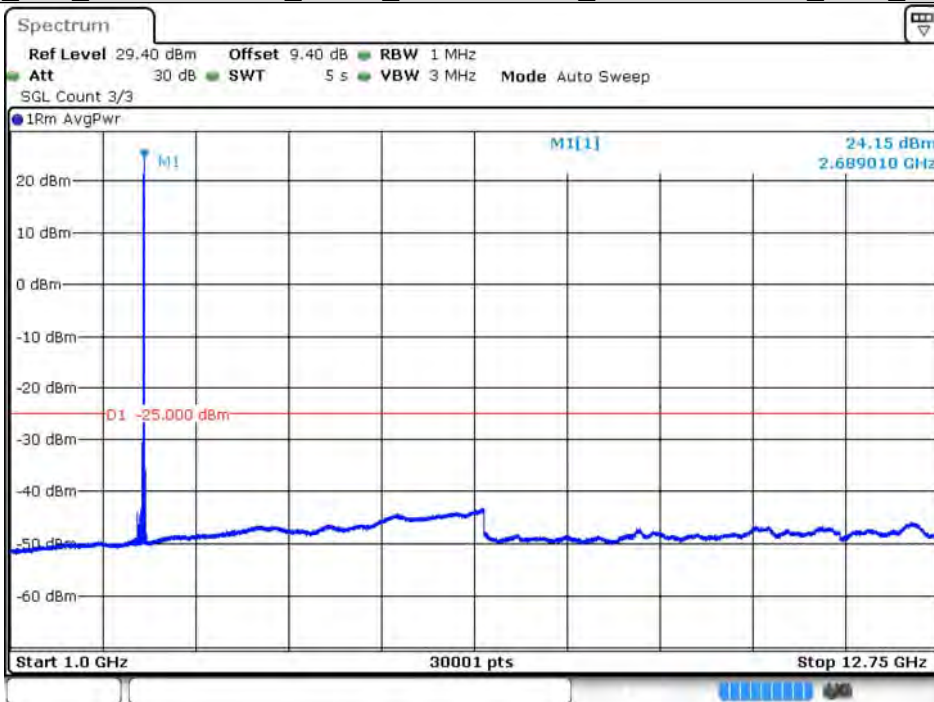
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Date: 26.MAY.2021 20:51:39

CA_41C_100RB+100RB_QPSK_41292+41490_0RB#0+1RB#99_1000_12750



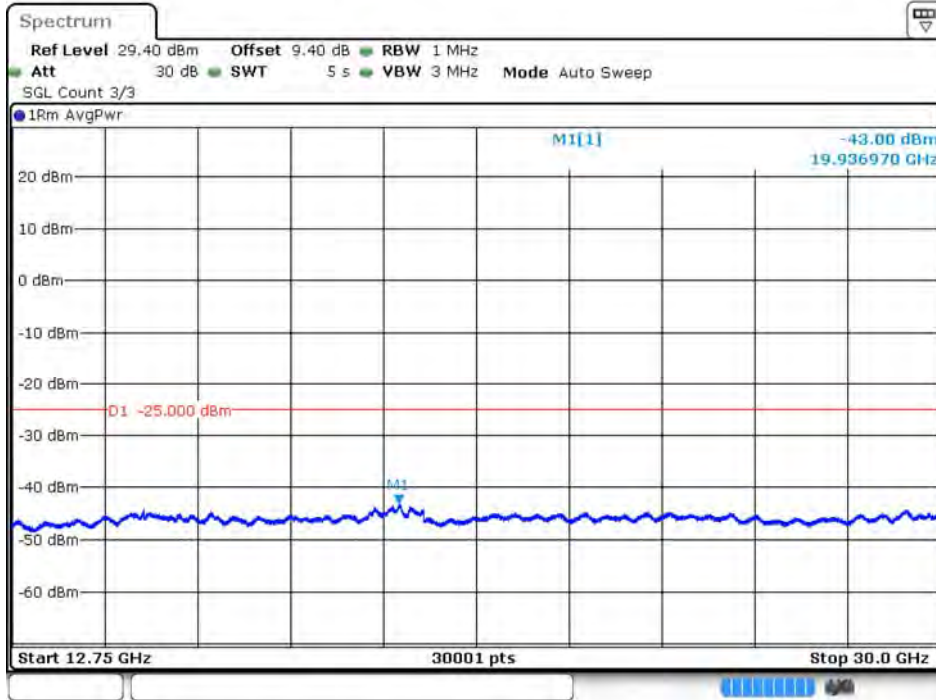
Date: 26.MAY.2021 20:56:56



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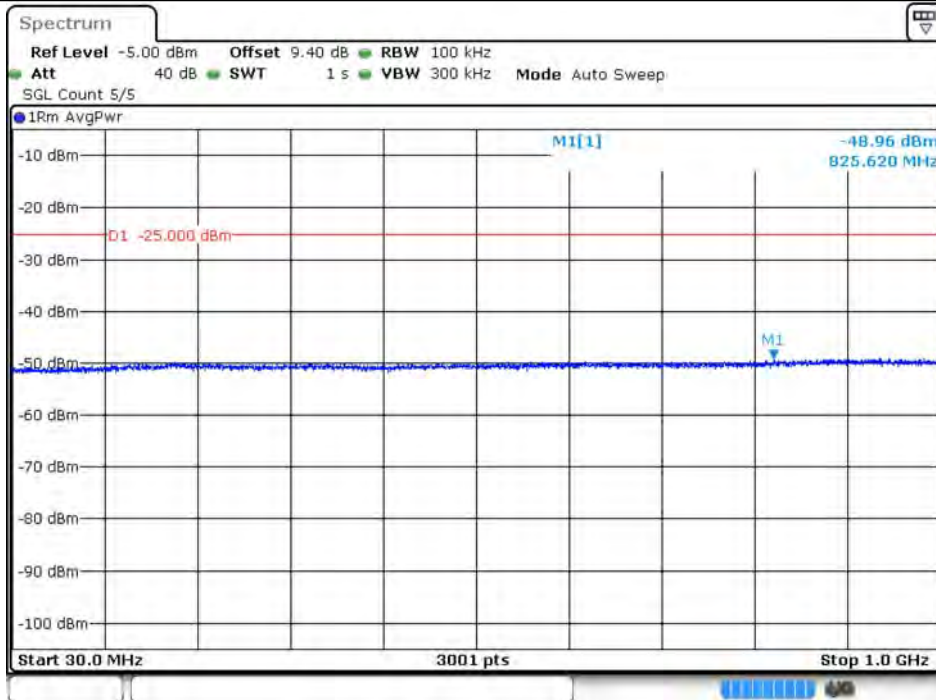
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CA_41C_100RB+100RB_QPSK_41292+41490_0RB#0+1RB#99_12750_30000



Date: 26.MAY.2021 21:08:12

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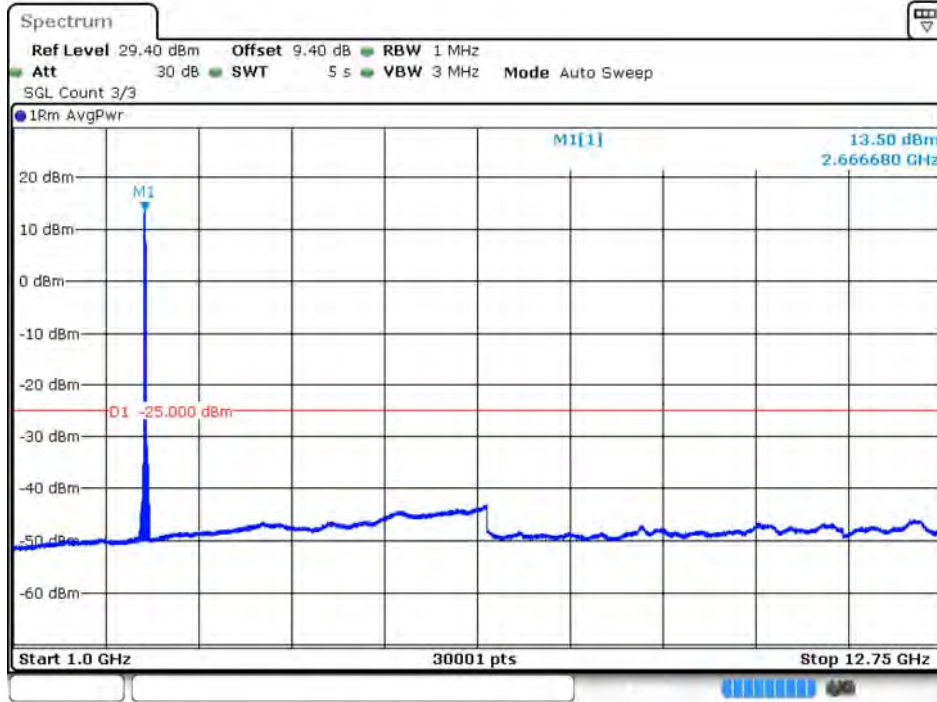
Date: 26.MAY.2021 20:51:45



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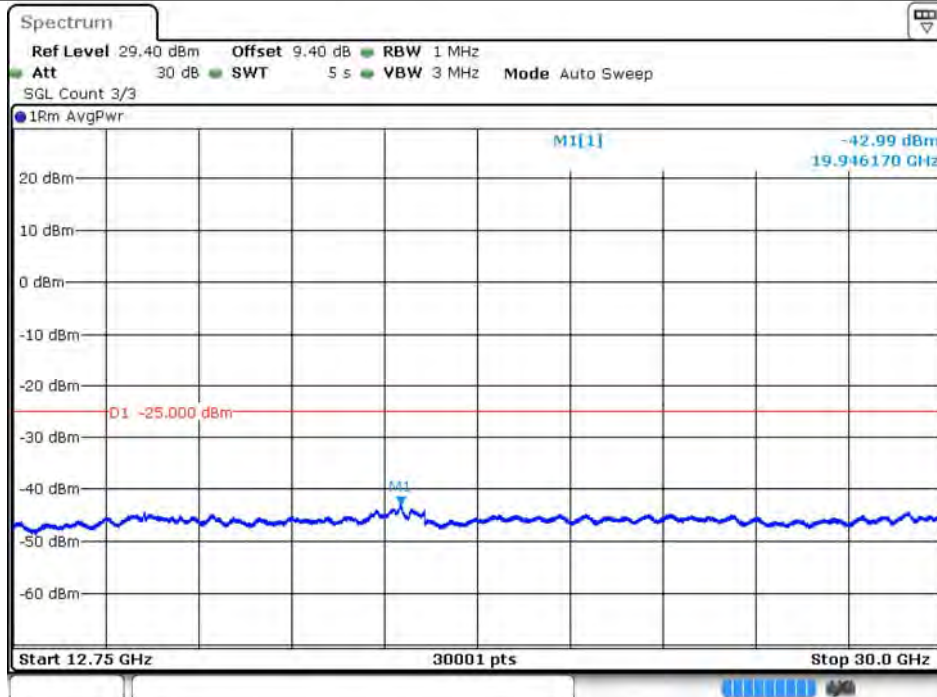
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CA_41C_100RB+100RB_QPSK_41292+41490_100RB#0+100RB#0_1000_12750



Date: 26.MAY.2021 20:57:13

CA_41C_100RB+100RB_QPSK_41292+41490_100RB#0+100RB#0_12750_30000



Date: 26.MAY.2021 21:08:29



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7 Field Strength of Spurious Radiation

7.1. Test Band = _41C _TM1

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3008	22.21	-48.15	-25.00	23.15	Horizontal
2	2949.2437	21.11	-43.59	-25.00	18.59	Horizontal
3	4476.8238	50.60	-61.25	-25.00	36.25	Horizontal
4	7956.9979	48.04	-53.96	-25.00	28.96	Horizontal
5	11235.411	46.24	-49.55	-25.00	24.55	Horizontal
6	17819.991	47.39	-46.81	-25.00	21.81	Horizontal



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7.2. Test Band = _41C_TM1

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3008	23.07	-47.29	-25.00	22.29	Vertical
2	1985.6232	20.77	-48.01	-25.00	23.01	Vertical
3	4531.5766	51.63	-60.20	-25.00	35.20	Vertical
4	7968.9985	53.01	-48.93	-25.00	23.93	Vertical
5	12979.999	44.53	-48.19	-25.00	23.19	Vertical
6	17989.499	47.68	-45.98	-25.00	20.98	Vertical



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7.3. Test Band = _41C_TM1

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1081.7602	20.44	-49.71	-25.00	24.71	Horizontal
2	2155.1444	20.78	-47.45	-25.00	22.45	Horizontal
3	2999.4999	20.87	-43.60	-25.00	18.60	Horizontal
4	4207.5604	50.75	-61.99	-25.00	36.99	Horizontal
5	7484.4742	48.72	-53.44	-25.00	28.44	Horizontal
6	17981.999	46.83	-46.67	-25.00	21.67	Horizontal





7.4. Test Band = _41C_TM1

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1168.7711	20.57	-49.69	-25.00	24.69	Vertical
2	2232.1540	20.68	-46.93	-25.00	21.93	Vertical
3	2998.2498	20.73	-43.78	-25.00	18.78	Vertical
4	4531.5766	51.76	-60.07	-25.00	35.07	Vertical
5	7968.9985	52.14	-49.80	-25.00	24.80	Vertical
6	17984.249	47.33	-46.22	-25.00	21.22	Vertical



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7.5. Test Band = _41C_TM1

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1166.0208	20.92	-49.40	-25.00	24.40	Horizontal
2	2177.1471	20.68	-47.32	-25.00	22.32	Horizontal
3	2920.4901	21.14	-43.73	-25.00	18.73	Horizontal
4	3780.7890	52.06	-62.54	-25.00	37.54	Horizontal
5	7906.7453	48.20	-53.91	-25.00	28.91	Horizontal
6	17982.749	46.94	-46.58	-25.00	21.58	Horizontal



7.6. Test Band = _41C_TM1

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3008	22.71	-47.65	-25.00	22.65	Vertical
2	1939.6175	21.55	-47.62	-25.00	22.62	Vertical
3	3000.0000	20.74	-43.71	-25.00	18.71	Vertical
4	3281.2641	56.07	-60.27	-25.00	35.27	Vertical
5	7968.9985	52.04	-49.90	-25.00	24.90	Vertical
6	17985.749	47.27	-46.31	-25.00	21.31	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.





8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	RB Config	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	TN	NV	-4.62	-0.001844	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	TN	NV	13.48	0.005220	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	TN	NV	-2.45	-0.000921	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	TN	NV	2.48	0.000984	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	TN	NV	-6.29	-0.002415	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	TN	NV	8.50	0.003171	PASS





8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	RB	Test Volt.	Test Temp. p.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			Config					
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	-30	3.90	0.001556	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	-20	7.33	0.002926	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	-10	1.39	0.000556	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	0	11.05	0.004408	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	10	-3.47	-0.001385	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	20	-3.15	-0.001257	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	30	0.59	0.000235	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	40	-7.93	-0.003166	PASS
CA_41C	QPSK	39750+39948	100RB#0/100RB#0	NV	50	-5.02	-0.002005	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	-30	9.62	0.003726	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	-20	13.19	0.005108	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	-10	11.25	0.004356	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	0	-2.07	-0.000800	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	10	0.96	0.000370	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	20	-5.75	-0.002227	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	30	7.87	0.003045	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	40	-4.25	-0.001644	PASS
CA_41C	QPSK	40521+40719	100RB#0/100RB#0	NV	50	-6.73	-0.002606	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	-30	-5.56	-0.002091	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	-20	13.76	0.005172	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	-10	9.47	0.003561	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	0	9.12	0.003427	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	10	-4.60	-0.001728	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	20	-11.45	-0.004305	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	30	13.43	0.005048	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	40	5.05	0.001897	PASS
CA_41C	QPSK	41292+41490	100RB#0/100RB#0	NV	50	14.29	0.005373	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	-30	-0.36	-0.000143	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	-20	-0.88	-0.000350	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	-10	-14.45	-0.005720	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	0	8.29	0.003281	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	10	-9.11	-0.003608	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	20	-0.34	-0.000136	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	30	-11.85	-0.004692	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	40	13.52	0.005351	PASS
CA_41C	QPSK	39948+39750	100RB#0/100RB#0	NV	50	-0.67	-0.000266	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	-30	8.41	0.003229	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	-20	-4.62	-0.001775	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	-10	-2.83	-0.001086	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	0	-5.80	-0.002229	PASS



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CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	10	-6.83	-0.002623	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	20	-10.21	-0.003924	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	30	6.64	0.002551	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	40	11.67	0.004485	PASS
CA_41C	QPSK	40719+40521	100RB#0/100RB#0	NV	50	1.68	0.000646	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	-30	6.92	0.002580	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	-20	1.32	0.000492	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	-10	9.72	0.003626	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	0	1.34	0.000500	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	10	9.98	0.003724	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	20	4.99	0.001861	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	30	13.78	0.005143	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	40	-3.63	-0.001355	PASS
CA_41C	QPSK	41490+41292	100RB#0/100RB#0	NV	50	-4.13	-0.001540	PASS



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