



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(ANT4)

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	23.22	20.22	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	QPSK	23.05	20.05	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	QPSK	23.03	20.03	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	QPSK	23.19	20.19	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	QPSK	23.17	20.17	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	QPSK	23.27	20.27	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	QPSK	22.18	19.18	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	QPSK	23.18	20.18	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	QPSK	23.36	20.36	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	QPSK	23.16	20.16	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	QPSK	23.33	20.33	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	QPSK	23.29	20.29	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	QPSK	23.28	20.28	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	QPSK	22.27	19.27	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	QPSK	23.24	20.24	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	QPSK	23.37	20.37	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	QPSK	23.24	20.24	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	QPSK	23.42	20.42	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	QPSK	23.38	20.38	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	QPSK	23.34	20.34	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	QPSK	22.37	19.37	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	QPSK	23.1	20.1	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	0RB#0	QPSK	23.07	20.07	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	0RB#0	QPSK	23.08	20.08	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	QPSK	22.13	19.13	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	QPSK	22.12	19.12	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	QPSK	22.16	19.16	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	QPSK	22.14	19.14	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	QPSK	23.23	20.23	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	QPSK	23.19	20.19	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	QPSK	23.19	20.19	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	QPSK	22.29	19.29	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	QPSK	22.24	19.24	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	QPSK	22.25	19.25	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	QPSK	22.24	19.24	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	QPSK	23.31	20.31	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	QPSK	23.24	20.24	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	QPSK	23.28	20.28	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	QPSK	22.31	19.31	33.00	PASS



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CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	QPSK	22.34	19.34	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	QPSK	22.33	19.33	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	QPSK	22.33	19.33	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	16QAM	22.73	19.73	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	16QAM	22.98	19.98	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	16QAM	22.61	19.61	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	16QAM	22.89	19.89	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	16QAM	22.72	19.72	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	16QAM	22.88	19.88	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	16QAM	22.94	19.94	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	16QAM	23.18	20.18	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	16QAM	22.8	19.8	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	16QAM	22.29	19.29	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	16QAM	22.29	19.29	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	16QAM	22.5	19.5	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	16QAM	22.2	19.2	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	16QAM	21.22	18.22	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	16QAM	22.17	19.17	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	16QAM	21.74	18.74	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	16QAM	22.46	19.46	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	16QAM	21.72	18.72	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	16QAM	22.46	19.46	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	16QAM	22.47	19.47	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	16QAM	22.33	19.33	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	16QAM	23.03	20.03	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	0RB#0	16QAM	23.17	20.17	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	0RB#0	16QAM	22.81	19.81	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	16QAM	22.7	19.7	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	16QAM	21.72	18.72	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	16QAM	23.05	20.05	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	16QAM	22.49	19.49	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	16QAM	22.76	19.76	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	16QAM	22.56	19.56	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	16QAM	22.83	19.83	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	16QAM	22.18	19.18	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	16QAM	22.76	19.76	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	16QAM	22.44	19.44	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	16QAM	22.46	19.46	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	16QAM	22.35	19.35	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	16QAM	22.88	19.88	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	16QAM	22.18	19.18	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	16QAM	22.78	19.78	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	16QAM	22.44	19.44	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	16QAM	22.82	19.82	33.00	PASS



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CA_41C	100RB+100RB	41292+41490	18RB#0	ORB#0	16QAM	22.58	19.58	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	ORB#0	64QAM	21.03	18.03	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	ORB#0	64QAM	21.5	18.5	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	ORB#0	64QAM	22.08	19.08	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	ORB#0	64QAM	21.94	18.94	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	ORB#0	64QAM	21.47	18.47	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	ORB#0	64QAM	22.12	19.12	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	ORB#0	64QAM	20.71	17.71	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	ORB#0	64QAM	21.43	18.43	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	ORB#0	64QAM	22.3	19.3	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	ORB#0	64QAM	20.85	17.85	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	ORB#0	64QAM	21.09	18.09	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	ORB#0	64QAM	20.94	17.94	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	ORB#0	64QAM	21.45	18.45	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	ORB#0	64QAM	20.55	17.55	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	ORB#0	64QAM	21.34	18.34	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	ORB#0	64QAM	20.74	17.74	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	ORB#0	64QAM	21.06	18.06	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	ORB#0	64QAM	20.79	17.79	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	ORB#0	64QAM	21.11	18.11	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	ORB#0	64QAM	21.27	18.27	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	ORB#0	64QAM	21.06	18.06	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	ORB#0	64QAM	20.75	17.75	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	ORB#0	64QAM	22.22	19.22	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	ORB#0	64QAM	22.29	19.29	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	ORB#0	64QAM	21.98	18.98	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	ORB#0	64QAM	20.55	17.55	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	ORB#0	64QAM	21.96	18.96	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	ORB#0	64QAM	21.59	18.59	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	ORB#0	64QAM	21.5	18.5	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	ORB#0	64QAM	21.29	18.29	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	ORB#0	64QAM	21.98	18.98	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	ORB#0	64QAM	20.65	17.65	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	ORB#0	64QAM	21.85	18.85	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	ORB#0	64QAM	21.6	18.6	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	ORB#0	64QAM	21.56	18.56	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	ORB#0	64QAM	21.16	18.16	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	ORB#0	64QAM	21.72	18.72	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	ORB#0	64QAM	20.92	17.92	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	ORB#0	64QAM	21.77	18.77	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	ORB#0	64QAM	21.53	18.53	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	ORB#0	64QAM	21.42	18.42	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	ORB#0	64QAM	21.6	18.6	33.00	PASS



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1.2 Max Power Test Result for LTE Band CA_41C(ANT3)

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	20.65	19.65	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	QPSK	20.91	19.91	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	QPSK	20.92	19.92	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	QPSK	20.77	19.77	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	QPSK	20.6	19.6	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	QPSK	20.61	19.61	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	QPSK	20.07	19.07	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	QPSK	20.81	19.81	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	QPSK	21.16	20.16	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	QPSK	20.5	19.5	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	QPSK	20.94	19.94	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	QPSK	20.82	19.82	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	QPSK	20.82	19.82	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	QPSK	20.78	19.78	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	QPSK	20.95	19.95	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	QPSK	20.73	19.73	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	QPSK	20.78	19.78	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	QPSK	20.83	19.83	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	QPSK	20.4	19.4	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	QPSK	20.77	19.77	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	QPSK	20.96	19.96	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	QPSK	20.65	19.65	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	0RB#0	QPSK	20.73	19.73	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	0RB#0	QPSK	20.62	19.62	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	QPSK	20.34	19.34	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	QPSK	20.69	19.69	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	QPSK	21.23	20.23	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	QPSK	20.96	19.96	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	QPSK	20.96	19.96	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	QPSK	20.71	19.71	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	QPSK	20.85	19.85	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	QPSK	20.97	19.97	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	QPSK	20.71	19.71	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	QPSK	20.89	19.89	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	QPSK	20.68	19.68	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	QPSK	20.98	19.98	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	QPSK	20.79	19.79	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	QPSK	20.56	19.56	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	QPSK	20.91	19.91	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	QPSK	20.84	19.84	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	QPSK	20.7	19.7	33.00	PASS



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CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	QPSK	20.68	19.68	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	16QAM	20.03	19.03	33.00	PASS
CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	16QAM	20.32	19.32	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	16QAM	21	20	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	16QAM	20.5	19.5	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	16QAM	20.54	19.54	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	16QAM	21.04	20.04	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	16QAM	19.3	18.3	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	16QAM	20.6	19.6	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	16QAM	20.6	19.6	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	16QAM	19.79	18.79	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	16QAM	20.58	19.58	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	16QAM	20.63	19.63	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	16QAM	20.34	19.34	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	16QAM	19.52	18.52	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	16QAM	20.49	19.49	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	16QAM	20.07	19.07	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	16QAM	20.44	19.44	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	16QAM	19.96	18.96	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	16QAM	20.26	19.26	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	16QAM	20.59	19.59	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	16QAM	20.69	19.69	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	16QAM	20.32	19.32	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	0RB#0	16QAM	20.75	19.75	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	0RB#0	16QAM	20.99	19.99	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	16QAM	20.01	19.01	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	16QAM	19.34	18.34	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	16QAM	20.72	19.72	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	16QAM	20.14	19.14	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	16QAM	21.07	20.07	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	16QAM	20.76	19.76	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	16QAM	20.46	19.46	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	16QAM	19.83	18.83	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	16QAM	20.77	19.77	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	16QAM	20.14	19.14	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	16QAM	20.75	19.75	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	16QAM	20.6	19.6	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	16QAM	20.64	19.64	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	16QAM	20.05	19.05	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	16QAM	20.46	19.46	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	16QAM	20.21	19.21	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	16QAM	21.08	20.08	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	16QAM	20.77	19.77	33.00	PASS
CA_41C	25RB+100RB	39683+39800	1RB#0	0RB#0	64QAM	18.34	17.34	33.00	PASS



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CA_41C	25RB+100RB	40528+40645	1RB#0	0RB#0	64QAM	18.46	17.46	33.00	PASS
CA_41C	25RB+100RB	41373+41490	1RB#0	0RB#0	64QAM	19.14	18.14	33.00	PASS
CA_41C	50RB+75RB	39703+39823	1RB#0	0RB#0	64QAM	18.27	17.27	33.00	PASS
CA_41C	50RB+75RB	40549+40669	1RB#0	0RB#0	64QAM	18.93	17.93	33.00	PASS
CA_41C	50RB+75RB	41395+41515	1RB#0	0RB#0	64QAM	19.48	18.48	33.00	PASS
CA_41C	50RB+100RB	39705+39849	1RB#0	0RB#0	64QAM	18.03	17.03	33.00	PASS
CA_41C	50RB+100RB	40526+40670	1RB#0	0RB#0	64QAM	18.69	17.69	33.00	PASS
CA_41C	50RB+100RB	41346+41490	1RB#0	0RB#0	64QAM	19.62	18.62	33.00	PASS
CA_41C	75RB+50RB	39725+39845	1RB#0	0RB#0	64QAM	18.97	17.97	33.00	PASS
CA_41C	75RB+50RB	40571+40691	1RB#0	0RB#0	64QAM	18.8	17.8	33.00	PASS
CA_41C	75RB+50RB	41417+41537	1RB#0	0RB#0	64QAM	19.11	18.11	33.00	PASS
CA_41C	75RB+75RB	39725+39875	1RB#0	0RB#0	64QAM	19.59	18.59	33.00	PASS
CA_41C	75RB+75RB	39725+39875	16RB#0	0RB#0	64QAM	17.94	16.94	33.00	PASS
CA_41C	75RB+75RB	40545+40695	1RB#0	0RB#0	64QAM	18.58	17.58	33.00	PASS
CA_41C	75RB+75RB	40545+40695	16RB#0	0RB#0	64QAM	18.33	17.33	33.00	PASS
CA_41C	75RB+75RB	41365+41515	1RB#0	0RB#0	64QAM	19.64	18.64	33.00	PASS
CA_41C	75RB+75RB	41365+41515	16RB#0	0RB#0	64QAM	19.09	18.09	33.00	PASS
CA_41C	75RB+100RB	39728+39899	1RB#0	0RB#0	64QAM	19.6	18.6	33.00	PASS
CA_41C	75RB+100RB	40523+40694	1RB#0	0RB#0	64QAM	18.6	17.6	33.00	PASS
CA_41C	75RB+100RB	41319+41490	1RB#0	0RB#0	64QAM	19.23	18.23	33.00	PASS
CA_41C	100RB+25RB	39800+39683	1RB#0	0RB#0	64QAM	18.23	17.23	33.00	PASS
CA_41C	100RB+25RB	40595+40712	1RB#0	0RB#0	64QAM	18.58	17.58	33.00	PASS
CA_41C	100RB+25RB	41440+41557	1RB#0	0RB#0	64QAM	19.4	18.4	33.00	PASS
CA_41C	100RB+50RB	39750+39894	1RB#0	0RB#0	64QAM	18.15	17.15	33.00	PASS
CA_41C	100RB+50RB	39750+39894	12RB#0	0RB#0	64QAM	18.25	17.25	33.00	PASS
CA_41C	100RB+50RB	40571+40715	1RB#0	0RB#0	64QAM	18.58	17.58	33.00	PASS
CA_41C	100RB+50RB	40571+40715	12RB#0	0RB#0	64QAM	18.36	17.36	33.00	PASS
CA_41C	100RB+50RB	41391+41535	1RB#0	0RB#0	64QAM	19.26	18.26	33.00	PASS
CA_41C	100RB+50RB	41391+41535	12RB#0	0RB#0	64QAM	19.01	18.01	33.00	PASS
CA_41C	100RB+75RB	39750+39921	1RB#0	0RB#0	64QAM	19.5	18.5	33.00	PASS
CA_41C	100RB+75RB	39750+39921	16RB#0	0RB#0	64QAM	17.86	16.86	33.00	PASS
CA_41C	100RB+75RB	40546+40717	1RB#0	0RB#0	64QAM	18.74	17.74	33.00	PASS
CA_41C	100RB+75RB	40546+40717	16RB#0	0RB#0	64QAM	18.15	17.15	33.00	PASS
CA_41C	100RB+75RB	41341+41512	1RB#0	0RB#0	64QAM	19.16	18.16	33.00	PASS
CA_41C	100RB+75RB	41341+41512	16RB#0	0RB#0	64QAM	19.1	18.1	33.00	PASS
CA_41C	100RB+100RB	39750+39948	1RB#0	0RB#0	64QAM	19.5	18.5	33.00	PASS
CA_41C	100RB+100RB	39750+39948	18RB#0	0RB#0	64QAM	17.98	16.98	33.00	PASS
CA_41C	100RB+100RB	40521+40719	1RB#0	0RB#0	64QAM	18.57	17.57	33.00	PASS
CA_41C	100RB+100RB	40521+40719	18RB#0	0RB#0	64QAM	18.48	17.48	33.00	PASS
CA_41C	100RB+100RB	41292+41490	1RB#0	0RB#0	64QAM	19.07	18.07	33.00	PASS
CA_41C	100RB+100RB	41292+41490	18RB#0	0RB#0	64QAM	19.15	18.15	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	6.70	13.00	PASS
CA_41C	QPSK	100RB+100RB	40521+40719	100RB#0	100RB#0	6.12	13.00	PASS
CA_41C	QPSK	100RB+100RB	41292+41490	100RB#0	100RB#0	6.49	13.00	PASS
CA_41C	16QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	7.19	13.00	PASS
CA_41C	16QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	7.07	13.00	PASS
CA_41C	16QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	7.45	13.00	PASS
CA_41C	64QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	8.96	13.00	PASS
CA_41C	64QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	7.22	13.00	PASS
CA_41C	64QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	9.36	13.00	PASS



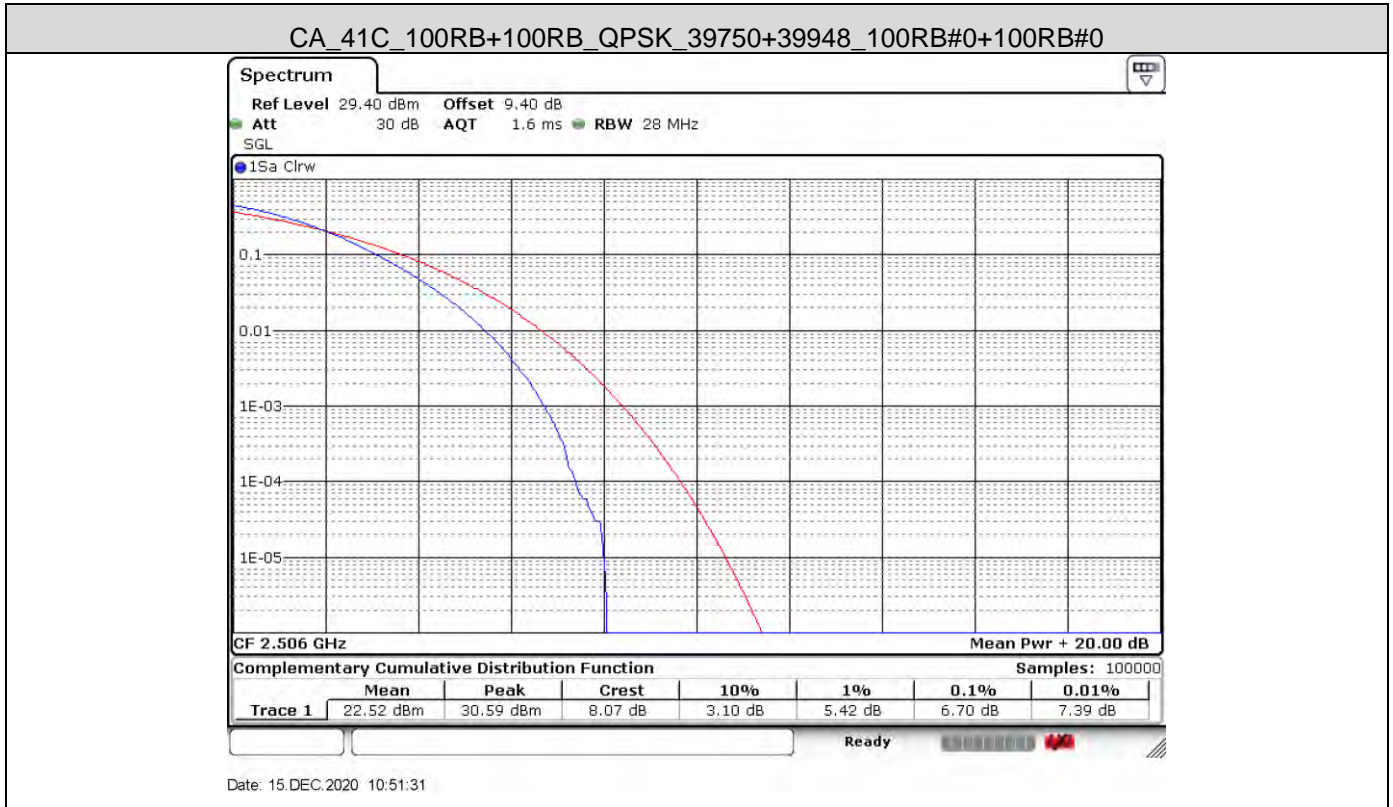
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2.1 For LTE

2.1.1 Test Band = LTE Band CA_41C

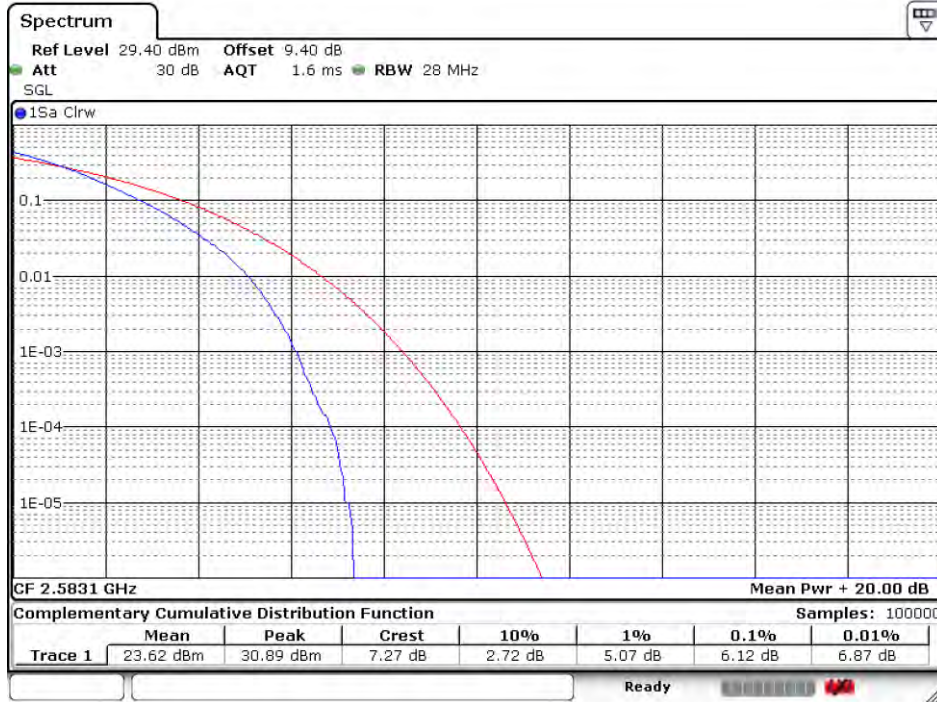


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CA_41C_100RB+100RB_QPSK_40521+40719_100RB#0+100RB#0



Date: 15 DEC. 2020 10:46:05

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



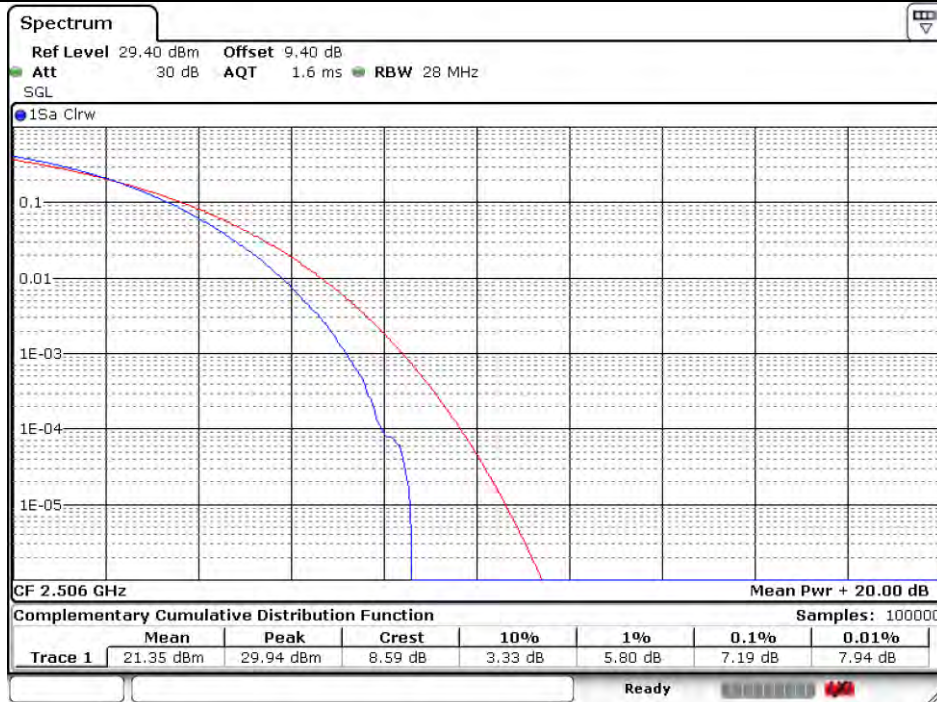
Date: 15 DEC. 2020 10:48:48



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CA_41C_100RB+100RB_16QAM_39750+39948_100RB#0+100RB#0



Date: 15 DEC.2020 10:51:18

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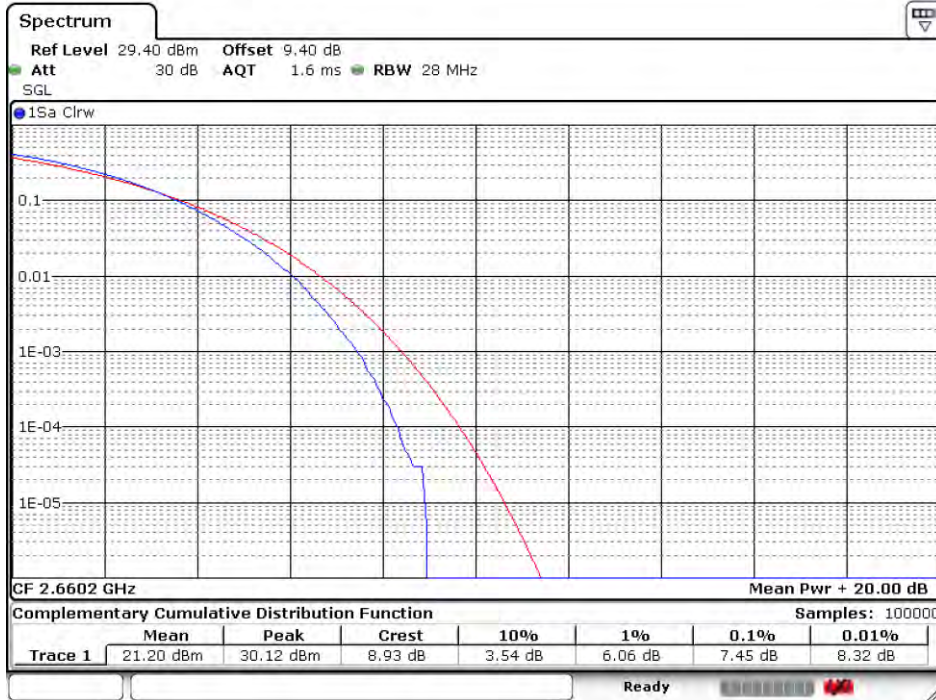


Date: 15 DEC.2020 10:45:51



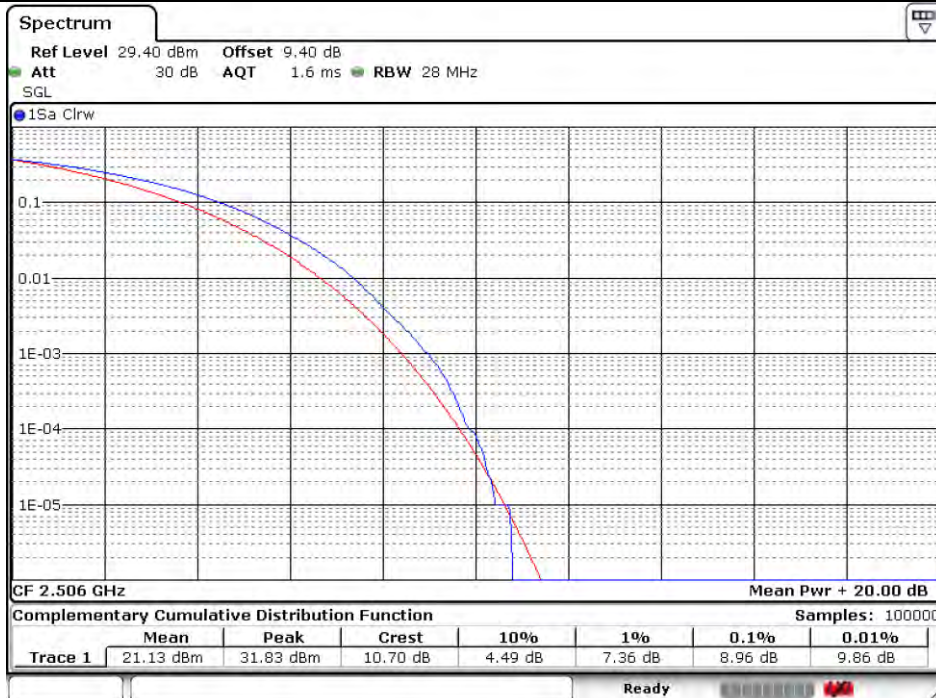


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Date: 15 DEC. 2020 10:49:01

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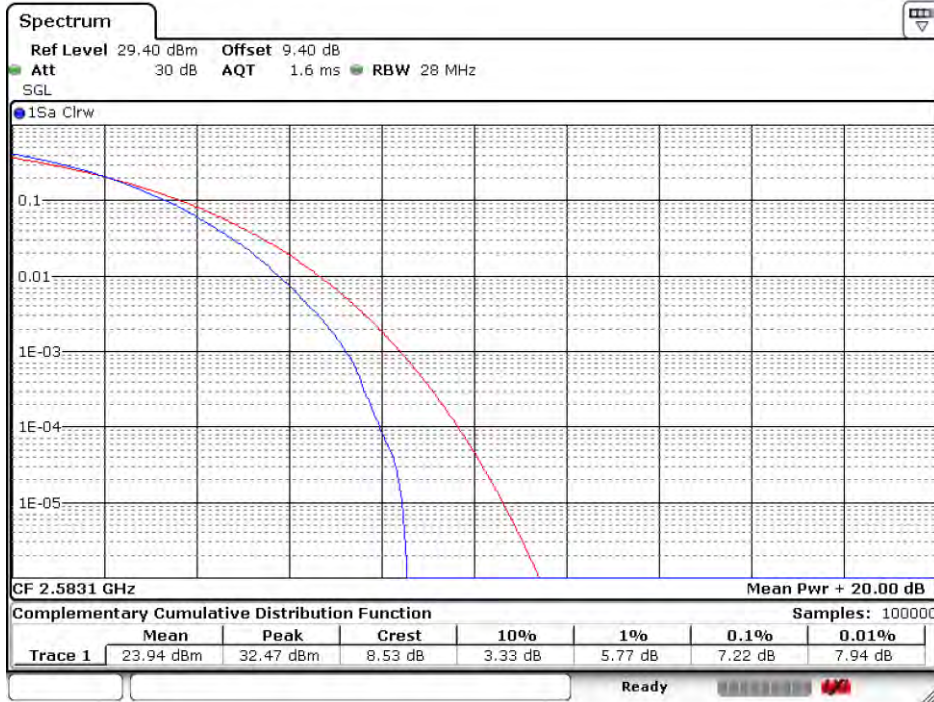


Date: 15 DEC. 2020 10:49:54



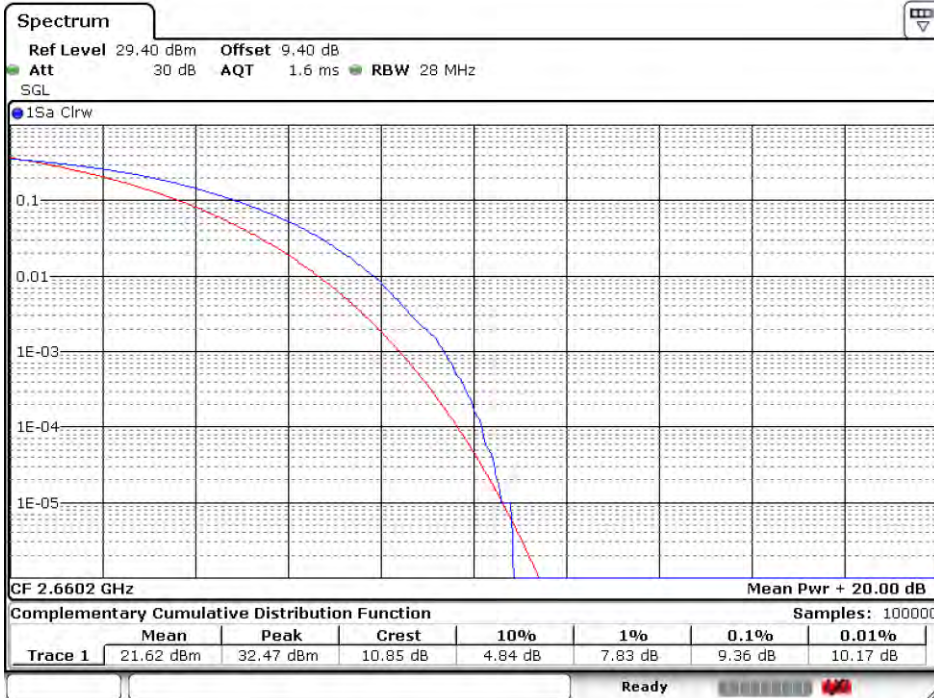


CA_41C_100RB+100RB_64QAM_40521+40719_100RB#0+100RB#0



Date: 15.DEC.2020 10:45:37

CA_41C_100RB+100RB_64QAM_41292+41490_100RB#0+100RB#0



Date: 15.DEC.2020 10:49:14



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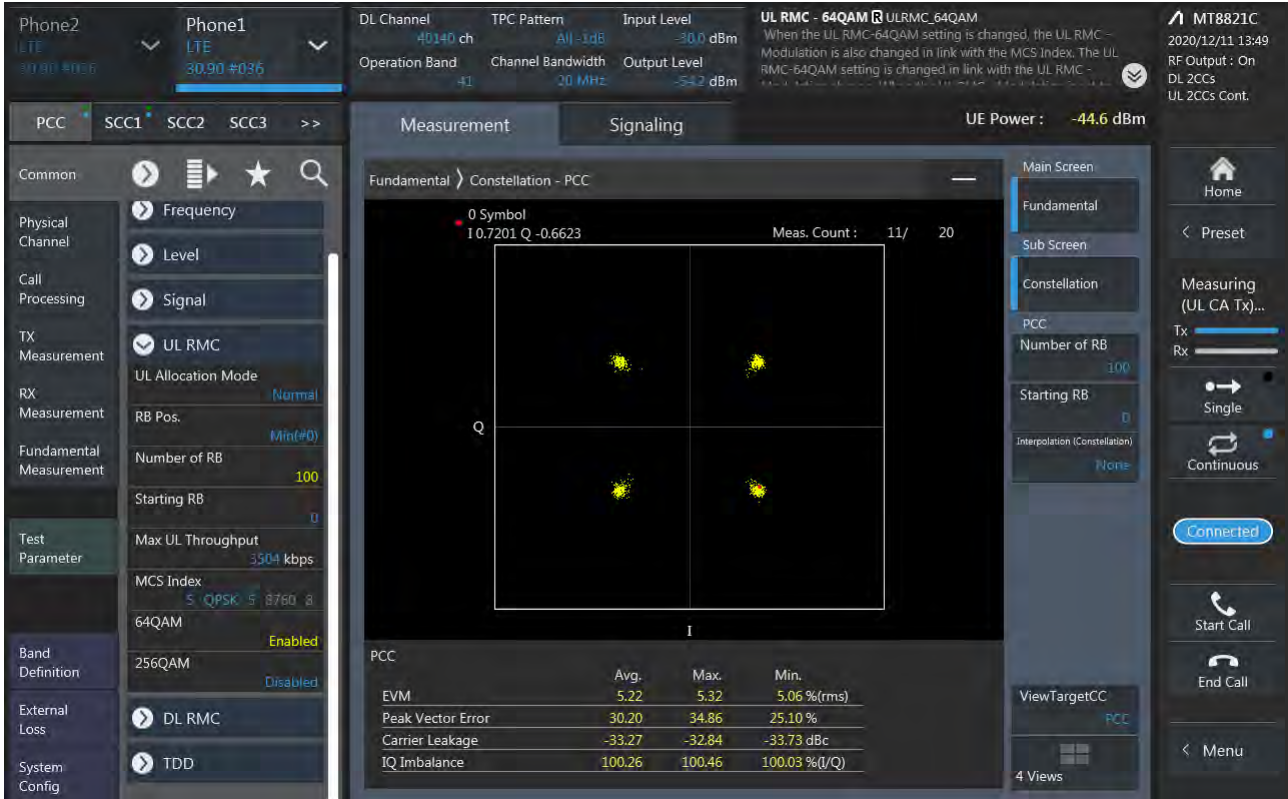
3 Modulation Characteristics

3.1 For LTE

3.1.1 Test Band = LTE Band CA_41C

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

3.1.1.1.1 Test Channel = 40521+40719



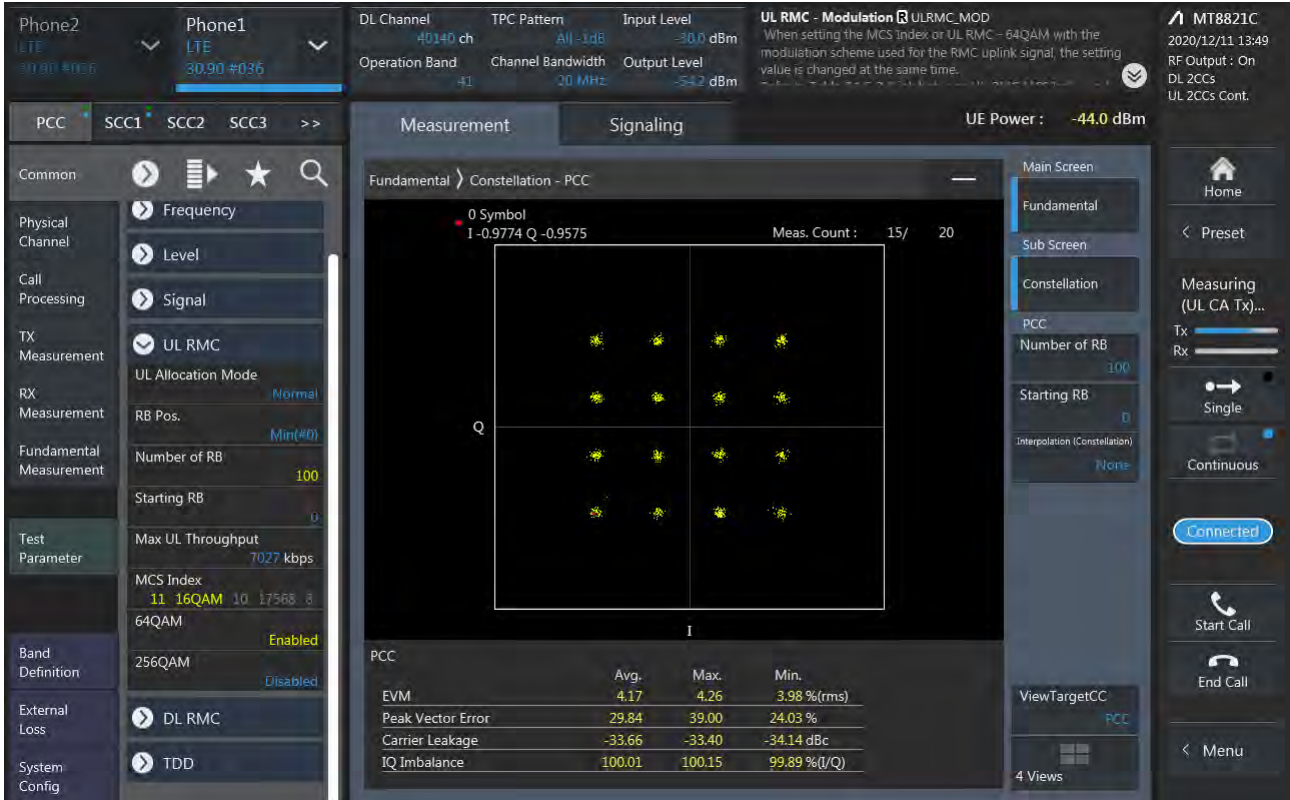
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3.1.1.2 Test Mode = LTE /16QAM 100RB+100RB

3.1.1.2.1 Test Channel = 40521+40719



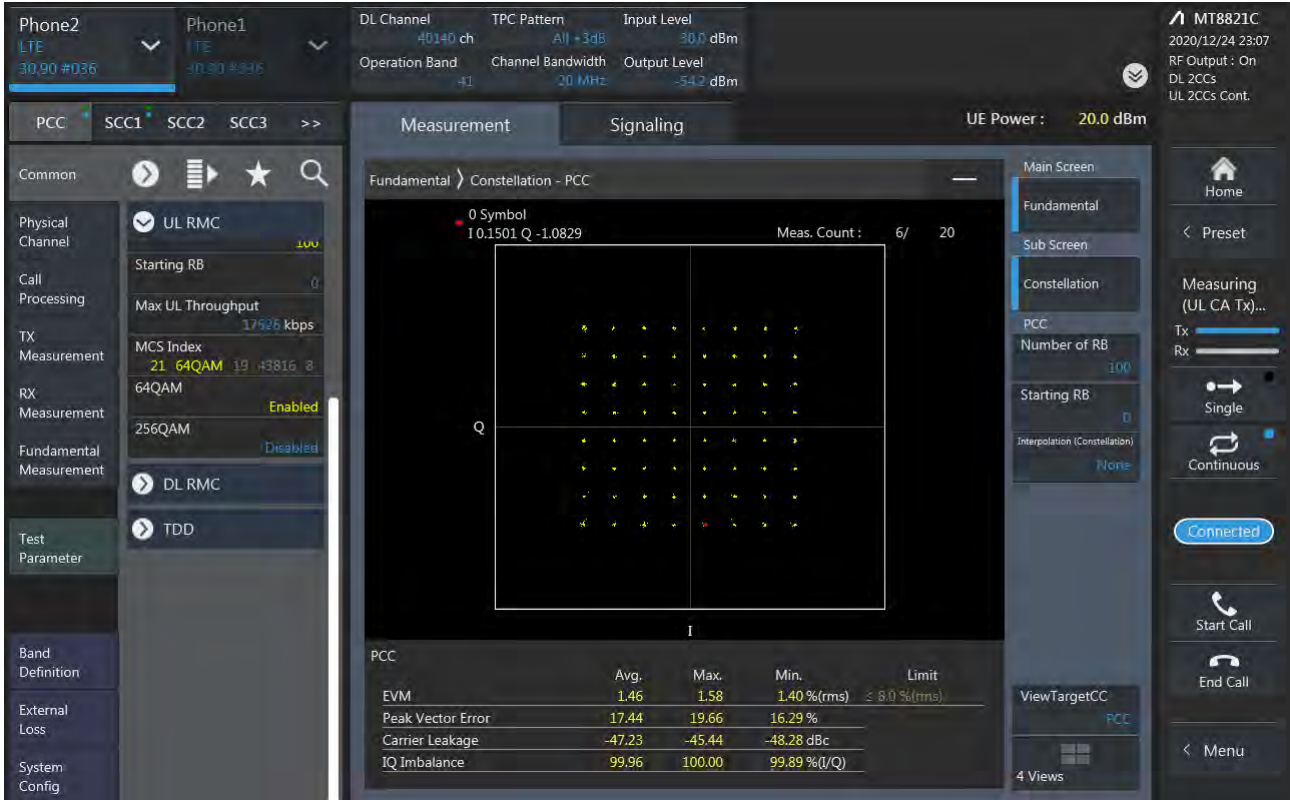
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3.1.1.3 Test Mode = LTE /64QAM 100RB+100RB

3.1.1.3.1 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	22.81	23.57	PASS
CA_41C	25RB+100RB	16QAM	39683+39800	25RB#0+100RB#0	22.79	23.55	PASS
CA_41C	25RB+100RB	64QAM	39683+39800	25RB#0+100RB#0	22.77	23.54	PASS
CA_41C	25RB+100RB	QPSK	40528+40645	25RB#0+100RB#0	22.78	23.51	PASS
CA_41C	25RB+100RB	16QAM	40528+40645	25RB#0+100RB#0	22.78	23.55	PASS
CA_41C	25RB+100RB	64QAM	40528+40645	25RB#0+100RB#0	22.79	23.58	PASS
CA_41C	25RB+100RB	QPSK	41373+41490	25RB#0+100RB#0	22.78	23.49	PASS
CA_41C	25RB+100RB	16QAM	41373+41490	25RB#0+100RB#0	22.77	23.54	PASS
CA_41C	25RB+100RB	64QAM	41373+41490	25RB#0+100RB#0	22.78	23.57	PASS
CA_41C	50RB+75RB	QPSK	39703+39823	50RB#0+75RB#0	23.02	23.78	PASS
CA_41C	50RB+75RB	16QAM	39703+39823	50RB#0+75RB#0	23.09	23.91	PASS
CA_41C	50RB+75RB	64QAM	39703+39823	50RB#0+75RB#0	23.05	23.90	PASS
CA_41C	50RB+75RB	QPSK	40549+40669	50RB#0+75RB#0	23.14	23.85	PASS
CA_41C	50RB+75RB	16QAM	40549+40669	50RB#0+75RB#0	23.07	23.91	PASS
CA_41C	50RB+75RB	64QAM	40549+40669	50RB#0+75RB#0	23.05	23.91	PASS
CA_41C	50RB+75RB	QPSK	41395+41515	50RB#0+75RB#0	23.07	23.94	PASS
CA_41C	50RB+75RB	16QAM	41395+41515	50RB#0+75RB#0	23.07	23.93	PASS
CA_41C	50RB+75RB	64QAM	41395+41515	50RB#0+75RB#0	23.05	23.90	PASS
CA_41C	50RB+100RB	QPSK	39705+39849	50RB#0+100RB#0	27.73	28.57	PASS
CA_41C	50RB+100RB	16QAM	39705+39849	50RB#0+100RB#0	27.68	28.60	PASS
CA_41C	50RB+100RB	64QAM	39705+39849	50RB#0+100RB#0	27.65	28.57	PASS
CA_41C	50RB+100RB	QPSK	40526+40670	50RB#0+100RB#0	27.65	28.60	PASS
CA_41C	50RB+100RB	16QAM	40526+40670	50RB#0+100RB#0	27.62	28.60	PASS
CA_41C	50RB+100RB	64QAM	40526+40670	50RB#0+100RB#0	27.62	28.58	PASS
CA_41C	50RB+100RB	QPSK	41346+41490	50RB#0+100RB#0	27.65	28.52	PASS
CA_41C	50RB+100RB	16QAM	41346+41490	50RB#0+100RB#0	27.65	28.60	PASS
CA_41C	50RB+100RB	64QAM	41346+41490	50RB#0+100RB#0	27.64	28.52	PASS
CA_41C	75RB+50RB	QPSK	39725+39845	75RB#0+50RB#0	23.18	24.41	PASS
CA_41C	75RB+50RB	16QAM	39725+39845	75RB#0+50RB#0	23.17	24.47	PASS
CA_41C	75RB+50RB	64QAM	39725+39845	75RB#0+50RB#0	23.14	24.38	PASS
CA_41C	75RB+50RB	QPSK	40571+40691	75RB#0+50RB#0	23.18	24.39	PASS
CA_41C	75RB+50RB	16QAM	40571+40691	75RB#0+50RB#0	23.19	24.43	PASS
CA_41C	75RB+50RB	64QAM	40571+40691	75RB#0+50RB#0	23.15	24.42	PASS



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CA_41C	75RB+50RB	QPSK	41417+41537	75RB#0+50RB#0	23.22	24.42	PASS
CA_41C	75RB+50RB	16QAM	41417+41537	75RB#0+50RB#0	23.21	24.41	PASS
CA_41C	75RB+50RB	64QAM	41417+41537	75RB#0+50RB#0	23.21	24.45	PASS
CA_41C	75RB+75RB	QPSK	39725+39875	75RB#0+75RB#0	28.24	29.20	PASS
CA_41C	75RB+75RB	16QAM	39725+39875	75RB#0+75RB#0	28.24	29.21	PASS
CA_41C	75RB+75RB	64QAM	39725+39875	75RB#0+75RB#0	28.21	29.20	PASS
CA_41C	75RB+75RB	QPSK	40545+40695	75RB#0+75RB#0	28.24	29.23	PASS
CA_41C	75RB+75RB	16QAM	40545+40695	75RB#0+75RB#0	28.24	29.23	PASS
CA_41C	75RB+75RB	64QAM	40545+40695	75RB#0+75RB#0	28.24	29.24	PASS
CA_41C	75RB+75RB	QPSK	41365+41515	75RB#0+75RB#0	28.25	29.23	PASS
CA_41C	75RB+75RB	16QAM	41365+41515	75RB#0+75RB#0	28.24	29.24	PASS
CA_41C	75RB+75RB	64QAM	41365+41515	75RB#0+75RB#0	28.22	29.24	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	32.61	33.93	PASS
CA_41C	75RB+100RB	64QAM	39728+39899	75RB#0+100RB#0	32.59	33.97	PASS
CA_41C	75RB+100RB	QPSK	40523+40694	75RB#0+100RB#0	32.63	33.91	PASS
CA_41C	75RB+100RB	16QAM	40523+40694	75RB#0+100RB#0	32.61	33.95	PASS
CA_41C	75RB+100RB	64QAM	40523+40694	75RB#0+100RB#0	32.59	33.97	PASS
CA_41C	75RB+100RB	QPSK	41319+41490	75RB#0+100RB#0	32.71	33.87	PASS
CA_41C	75RB+100RB	16QAM	41319+41490	75RB#0+100RB#0	32.59	33.97	PASS
CA_41C	75RB+100RB	64QAM	41319+41490	75RB#0+100RB#0	32.61	33.95	PASS
CA_41C	100RB+25RB	QPSK	39800+39683	100RB#0+25RB#0	23.06	23.95	PASS
CA_41C	100RB+25RB	16QAM	39800+39683	100RB#0+25RB#0	22.91	24.06	PASS
CA_41C	100RB+25RB	64QAM	39800+39683	100RB#0+25RB#0	22.9	24.03	PASS
CA_41C	100RB+25RB	QPSK	40595+40712	100RB#0+25RB#0	23.05	24.03	PASS
CA_41C	100RB+25RB	16QAM	40595+40712	100RB#0+25RB#0	22.93	24.07	PASS
CA_41C	100RB+25RB	64QAM	40595+40712	100RB#0+25RB#0	22.94	24.09	PASS
CA_41C	100RB+25RB	QPSK	41440+41557	100RB#0+25RB#0	22.85	24.14	PASS
CA_41C	100RB+25RB	16QAM	41440+41557	100RB#0+25RB#0	22.99	24.11	PASS
CA_41C	100RB+25RB	64QAM	41440+41557	100RB#0+25RB#0	22.99	24.10	PASS
CA_41C	100RB+50RB	QPSK	39750+39894	100RB#0+50RB#0	27.73	29.09	PASS
CA_41C	100RB+50RB	16QAM	39750+39894	100RB#0+50RB#0	27.73	29.11	PASS
CA_41C	100RB+50RB	64QAM	39750+39894	100RB#0+50RB#0	27.74	29.12	PASS
CA_41C	100RB+50RB	QPSK	40571+40715	100RB#0+50RB#0	27.92	29.14	PASS
CA_41C	100RB+50RB	16QAM	40571+40715	100RB#0+50RB#0	27.76	29.09	PASS
CA_41C	100RB+50RB	64QAM	40571+40715	100RB#0+50RB#0	27.77	29.15	PASS
CA_41C	100RB+50RB	QPSK	41391+41535	100RB#0+50RB#0	27.77	29.05	PASS



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CA_41C	100RB+50RB	16QAM	41391+41535	100RB#0+50RB#0	27.79	29.14	PASS
CA_41C	100RB+50RB	64QAM	41391+41535	100RB#0+50RB#0	27.79	29.15	PASS
CA_41C	100RB+75RB	QPSK	39750+39921	100RB#0+75RB#0	32.59	34.01	PASS
CA_41C	100RB+75RB	16QAM	39750+39921	100RB#0+75RB#0	32.59	34.06	PASS
CA_41C	100RB+75RB	64QAM	39750+39921	100RB#0+75RB#0	32.56	34.03	PASS
CA_41C	100RB+75RB	QPSK	40546+40717	100RB#0+75RB#0	32.63	34.01	PASS
CA_41C	100RB+75RB	16QAM	40546+40717	100RB#0+75RB#0	32.61	34.06	PASS
CA_41C	100RB+75RB	64QAM	40546+40717	100RB#0+75RB#0	32.59	34.03	PASS
CA_41C	100RB+75RB	QPSK	41341+41512	100RB#0+75RB#0	32.61	34.08	PASS
CA_41C	100RB+75RB	16QAM	41341+41512	100RB#0+75RB#0	32.63	34.08	PASS
CA_41C	100RB+75RB	64QAM	41341+41512	100RB#0+75RB#0	32.59	34.03	PASS
CA_41C	100RB+100RB	QPSK	39750+39948	100RB#0+100RB#0	36.51	38.17	PASS
CA_41C	100RB+100RB	16QAM	39750+39948	100RB#0+100RB#0	37.35	38.81	PASS
CA_41C	100RB+100RB	64QAM	39750+39948	100RB#0+100RB#0	37.49	38.91	PASS
CA_41C	100RB+100RB	QPSK	40521+40719	100RB#0+100RB#0	37.49	38.93	PASS
CA_41C	100RB+100RB	16QAM	40521+40719	100RB#0+100RB#0	37.49	38.95	PASS
CA_41C	100RB+100RB	64QAM	40521+40719	100RB#0+100RB#0	37.49	38.95	PASS
CA_41C	100RB+100RB	QPSK	41292+41490	100RB#0+100RB#0	37.49	38.95	PASS
CA_41C	100RB+100RB	16QAM	41292+41490	100RB#0+100RB#0	37.51	38.99	PASS
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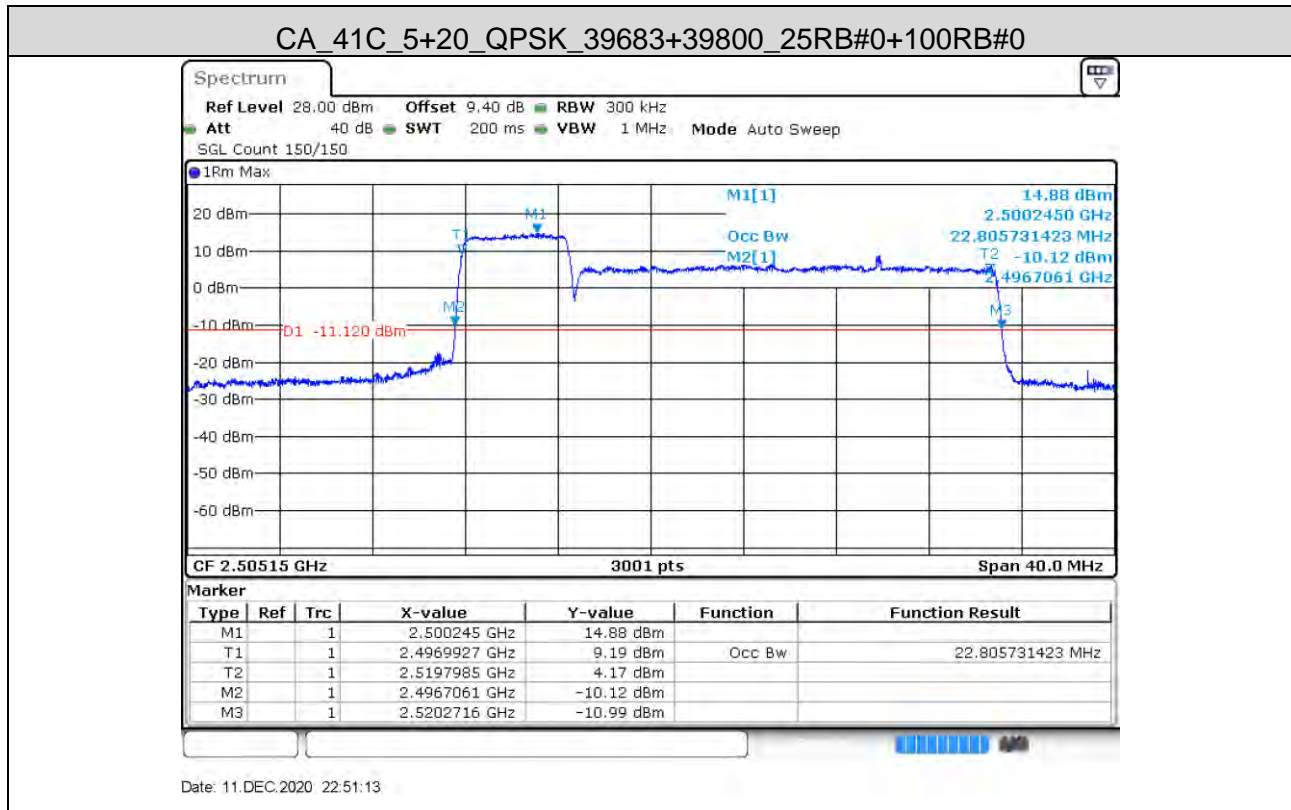


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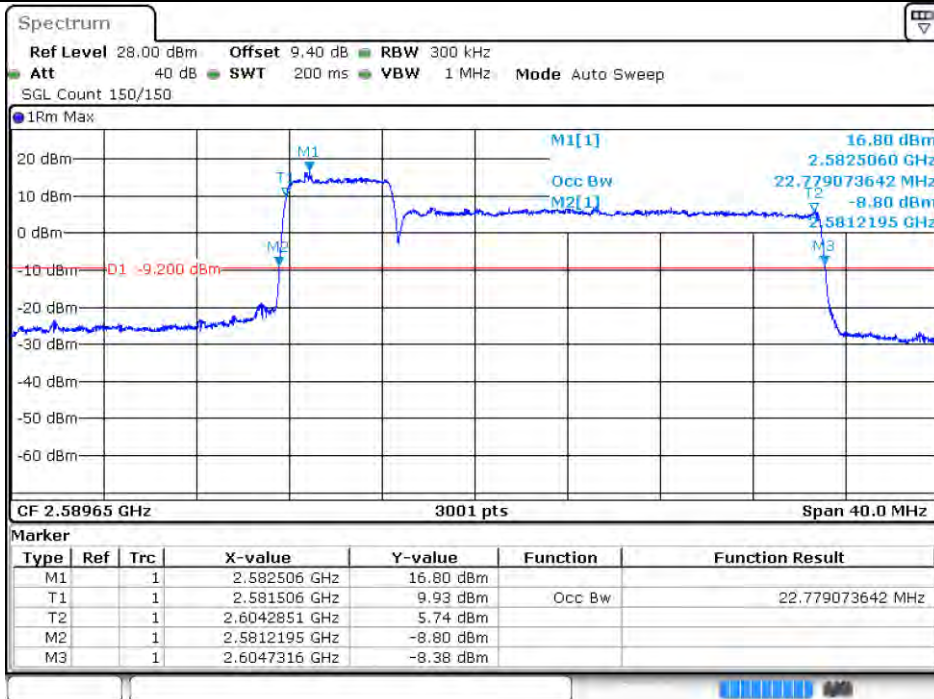
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4.1 For LTE

4.1.1 Test Band = LTE Band CA_41C

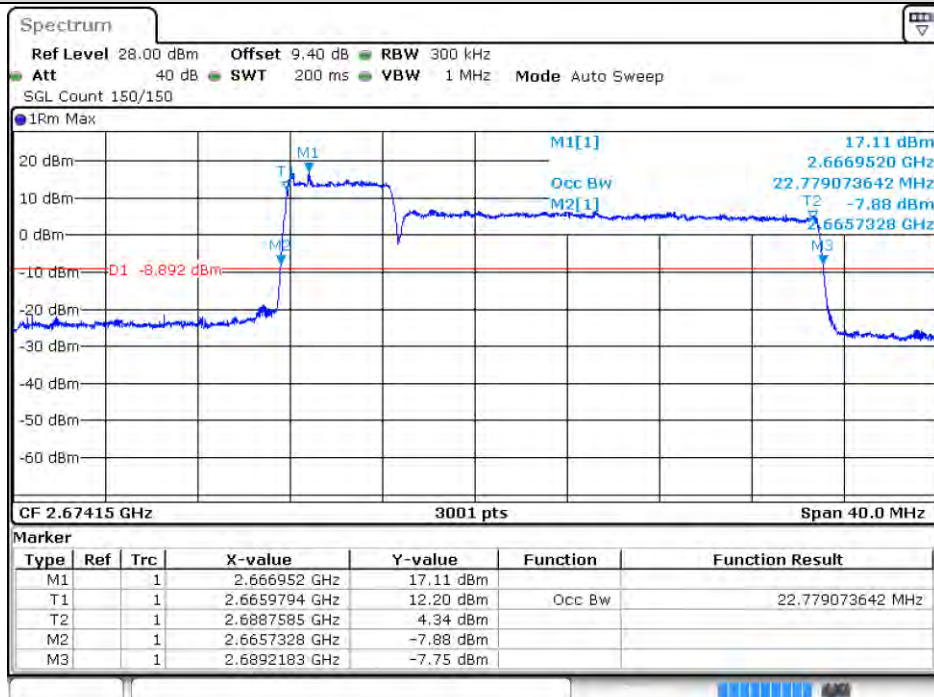


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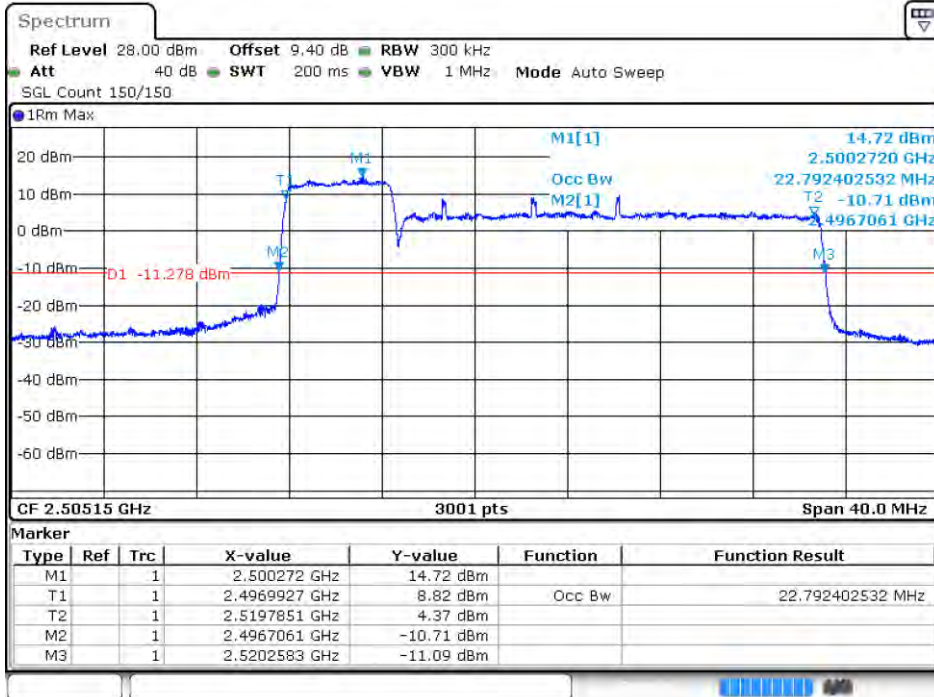
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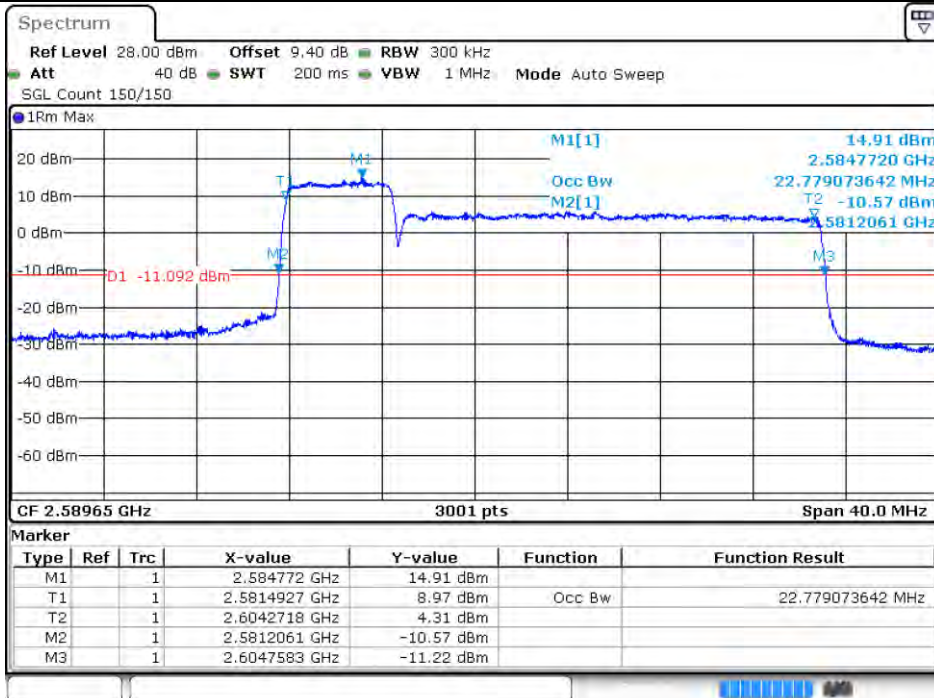


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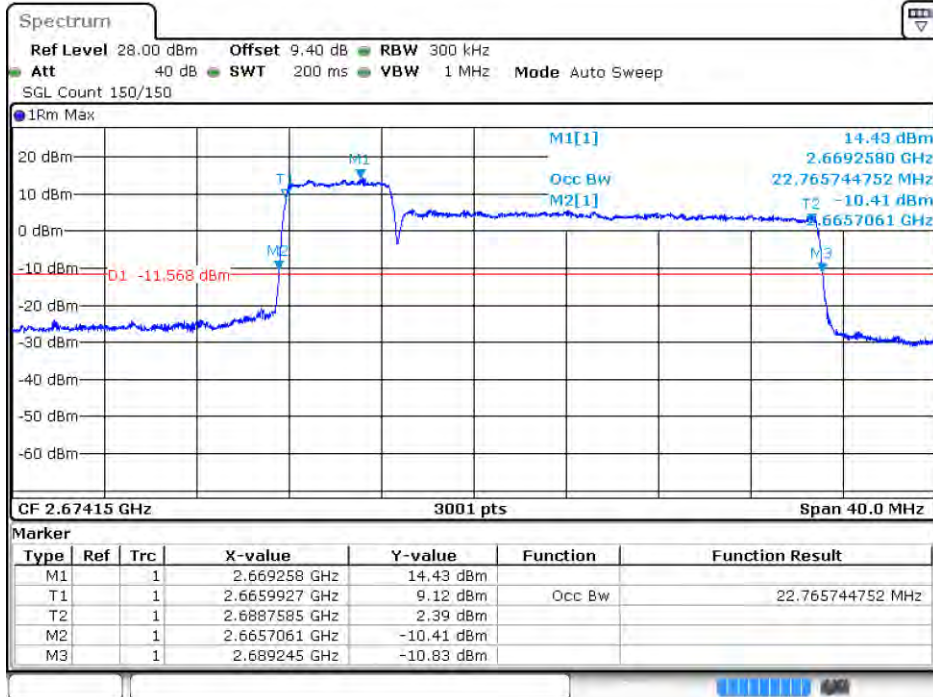
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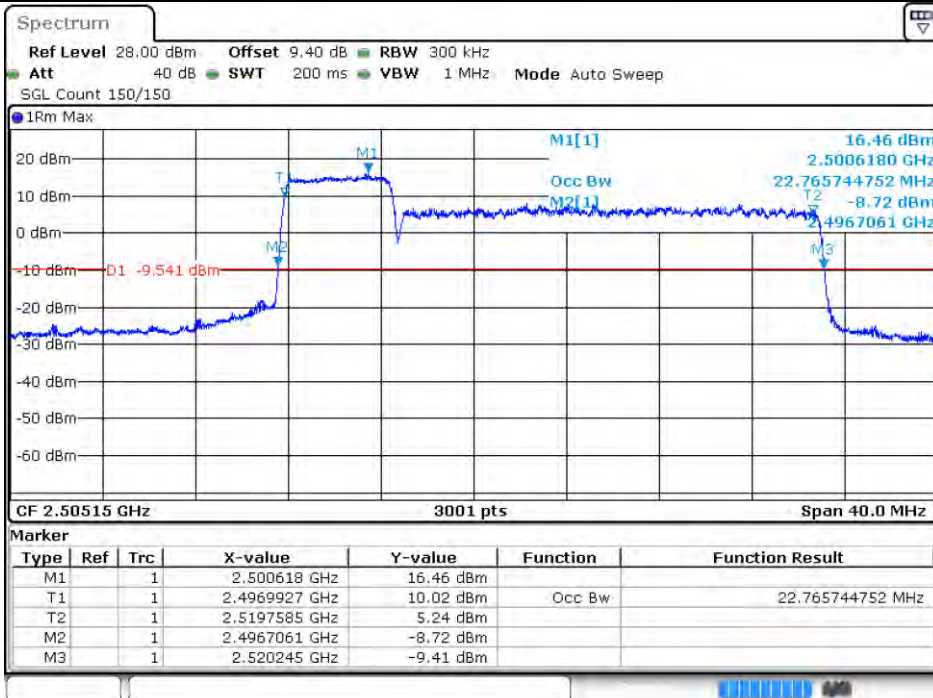


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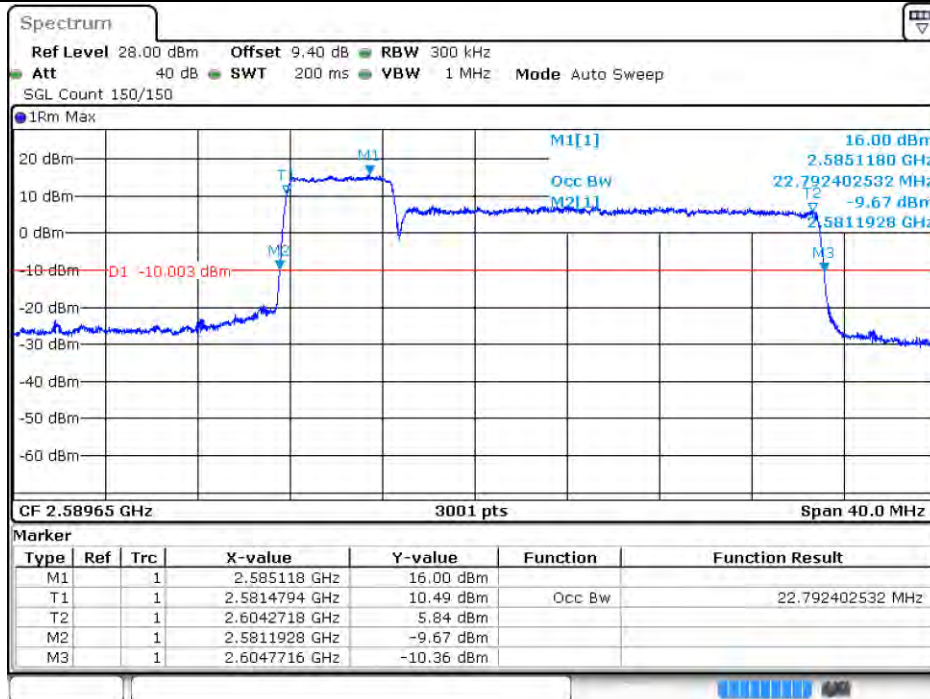
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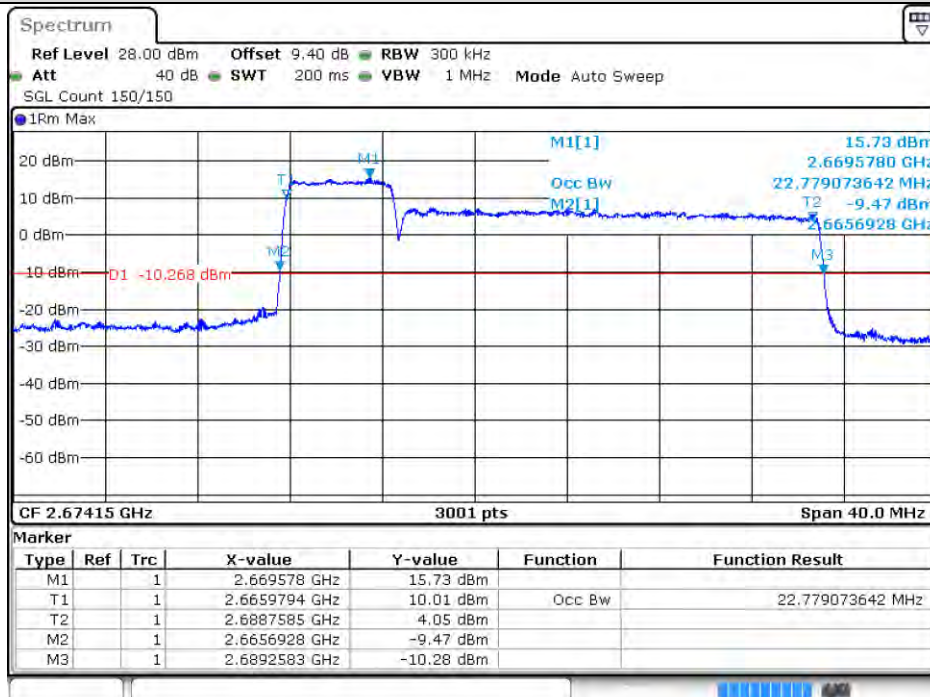


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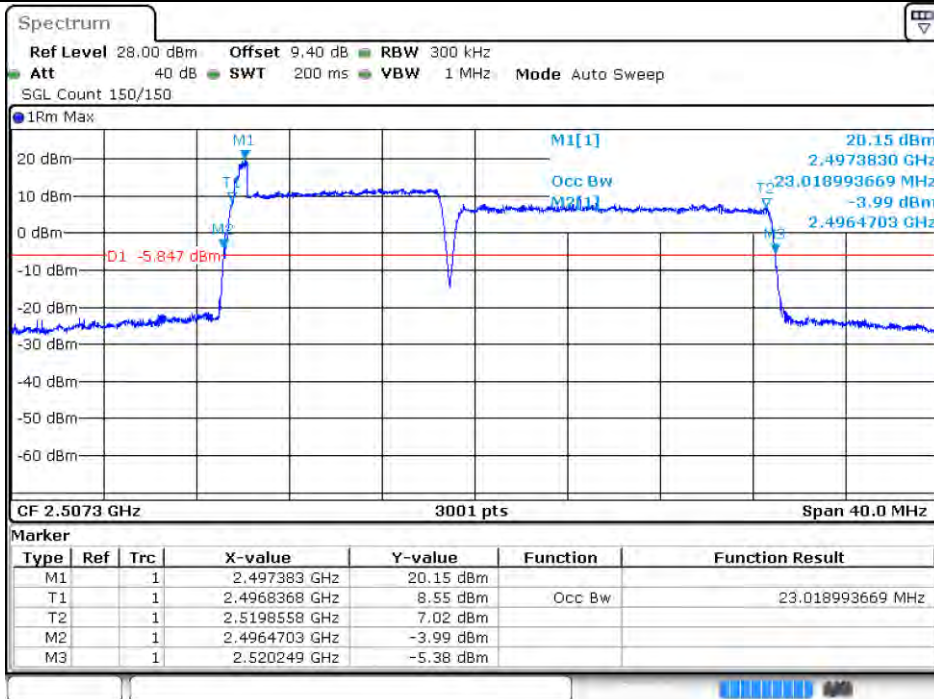
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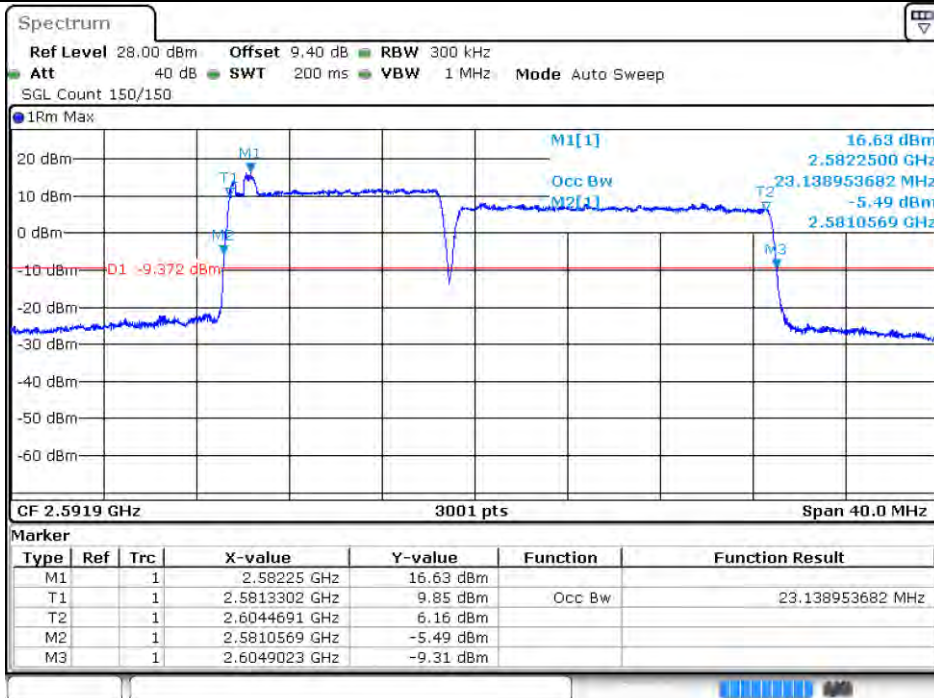


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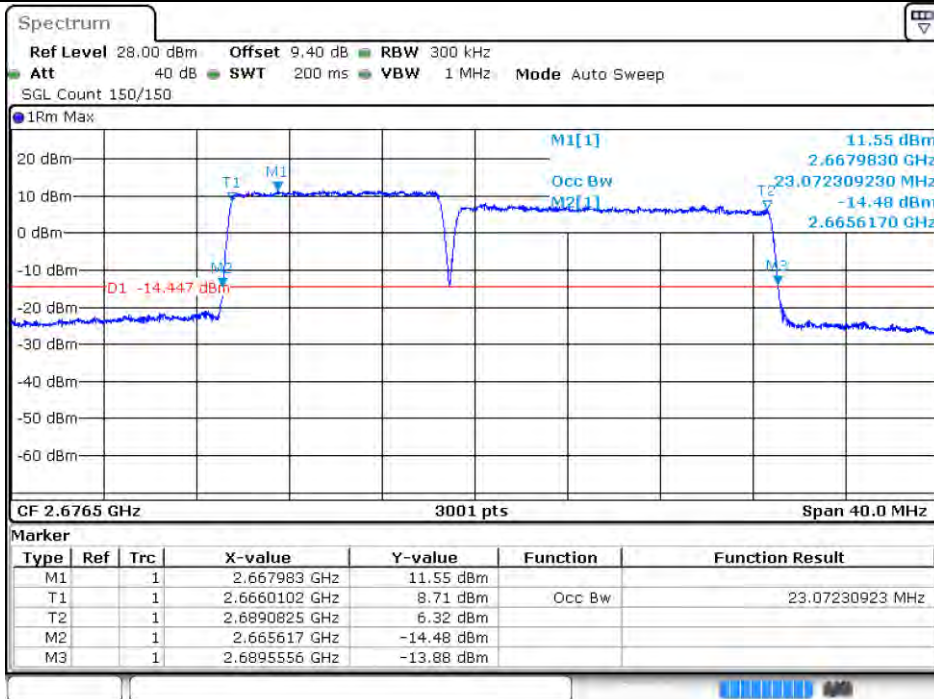
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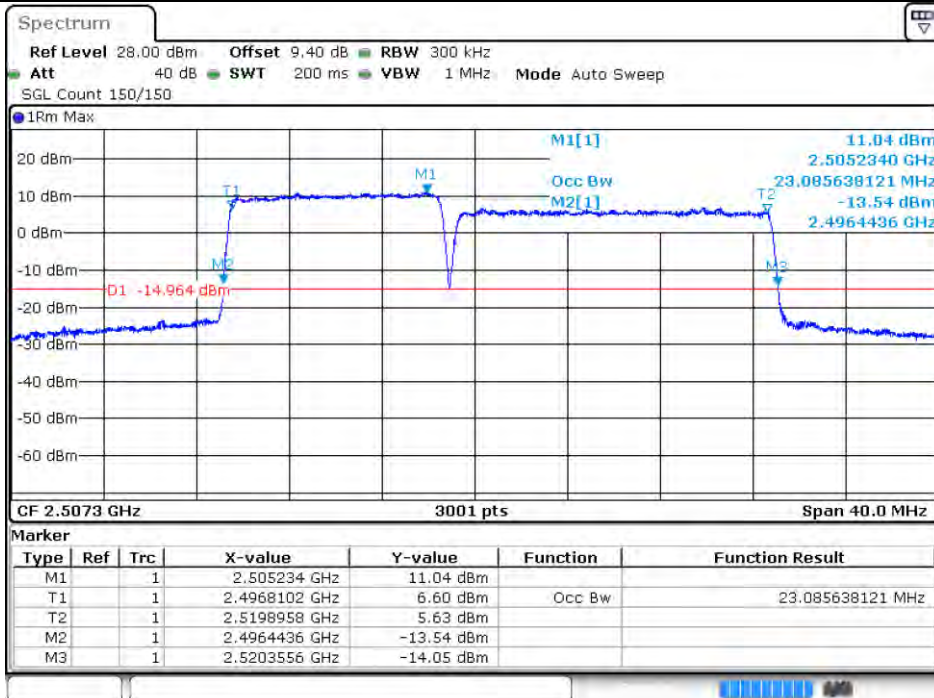


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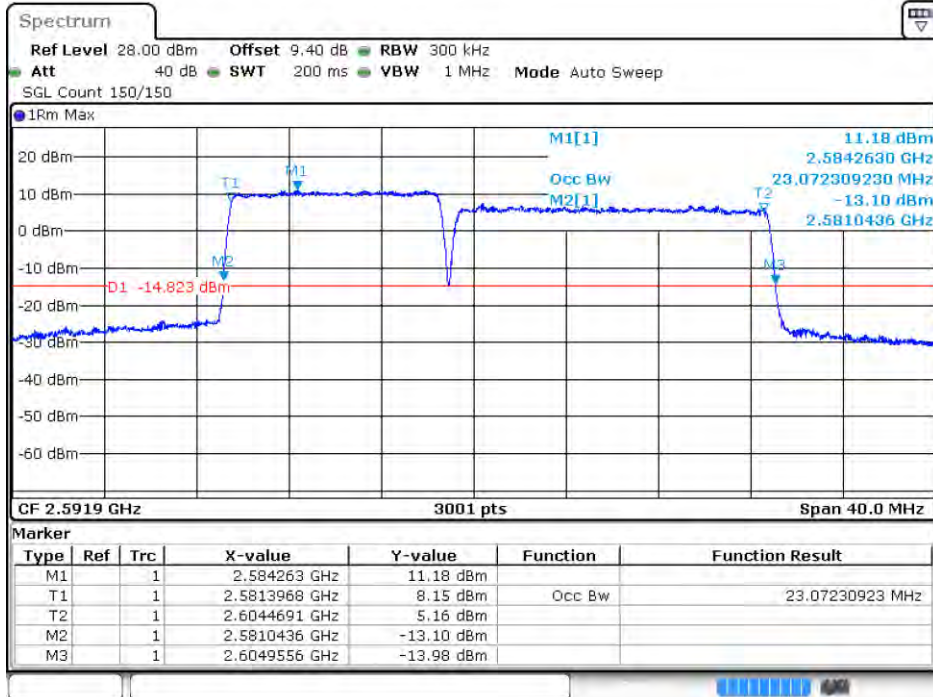
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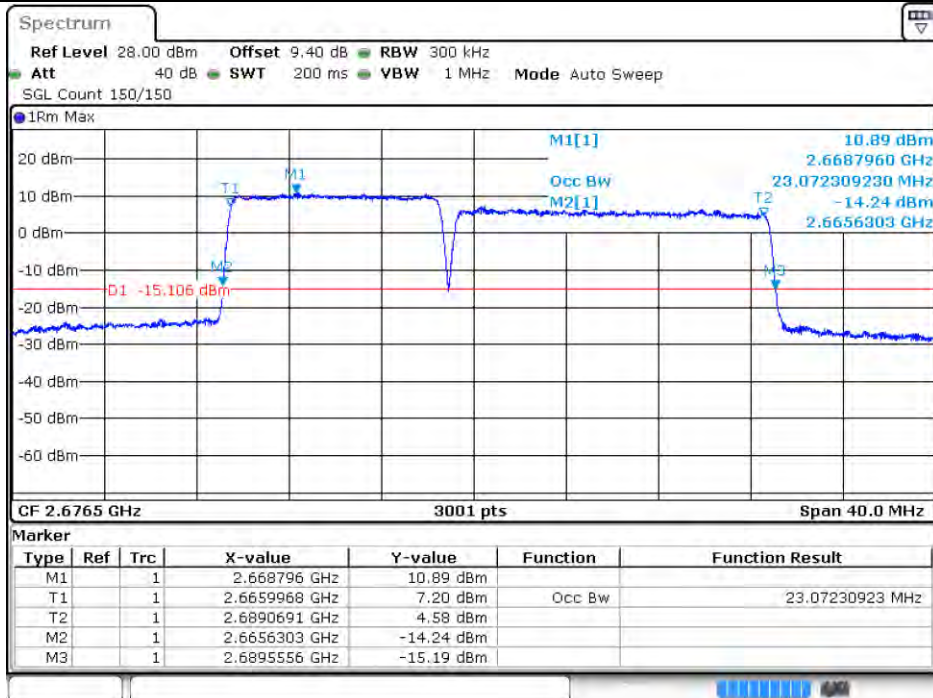


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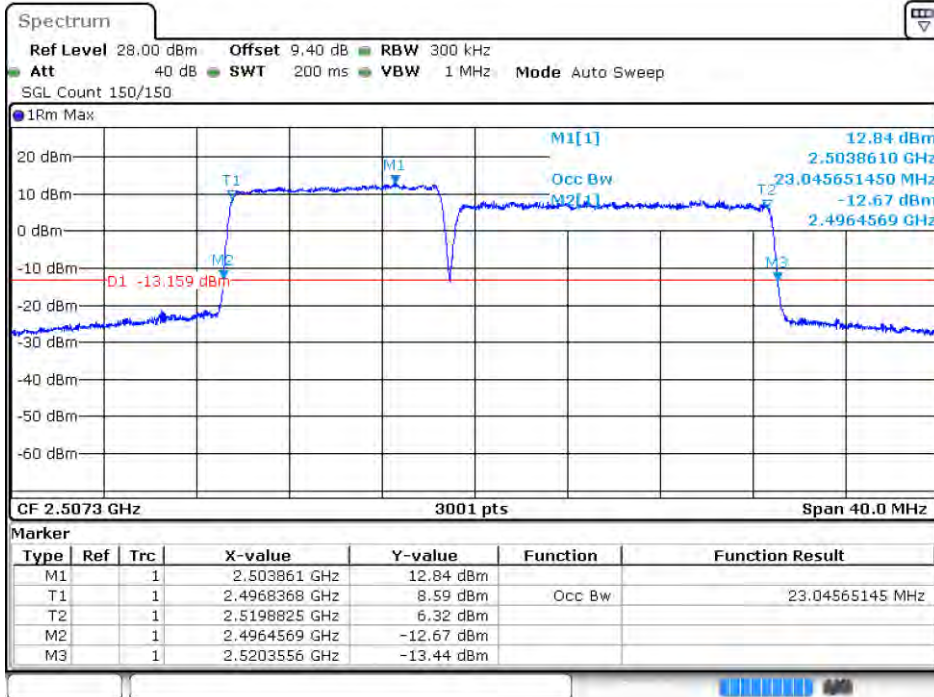
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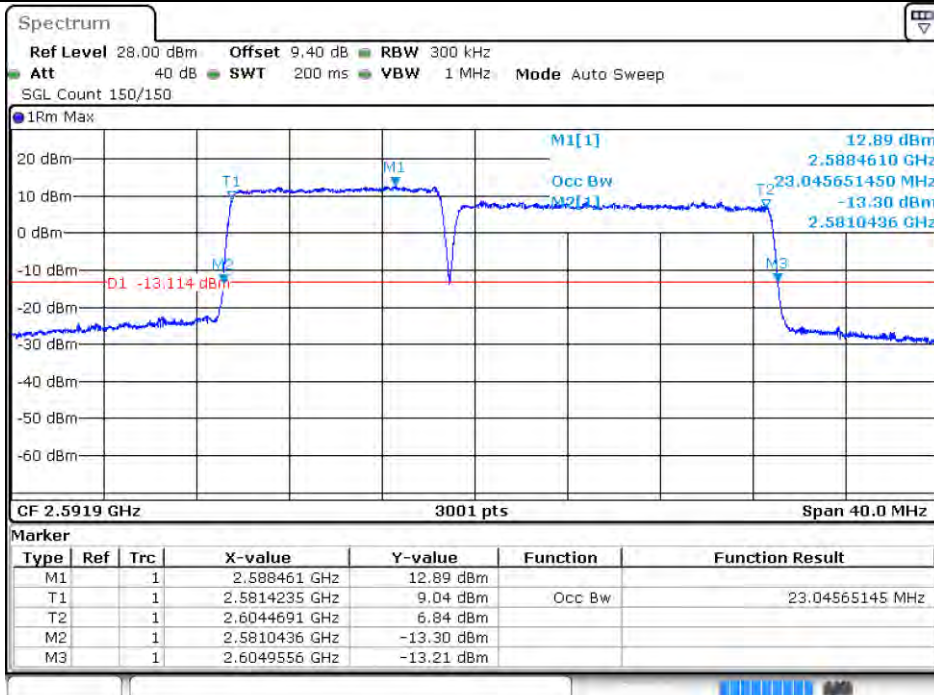


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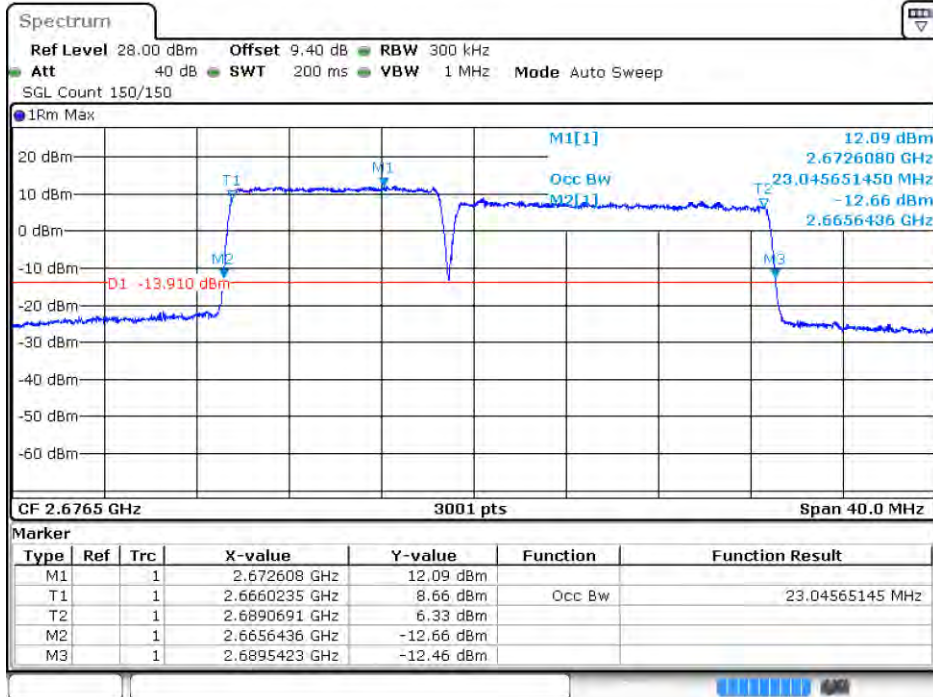
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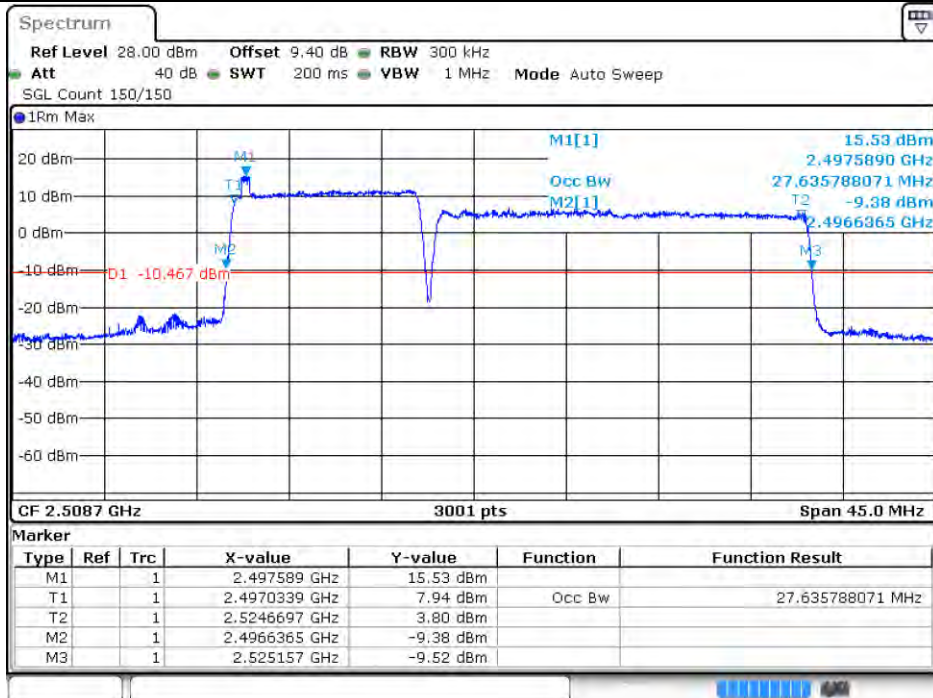


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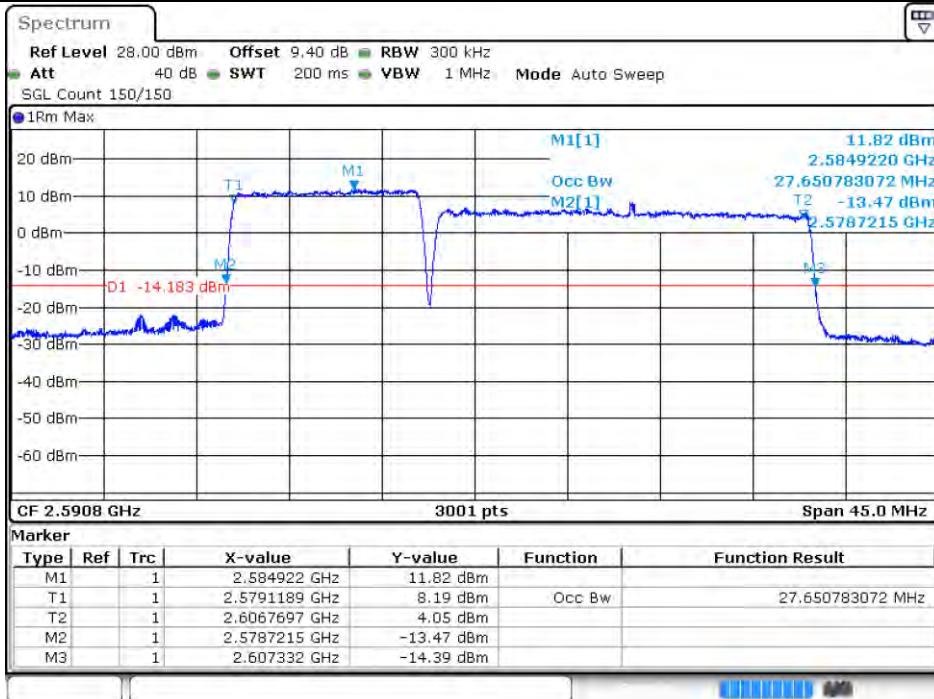
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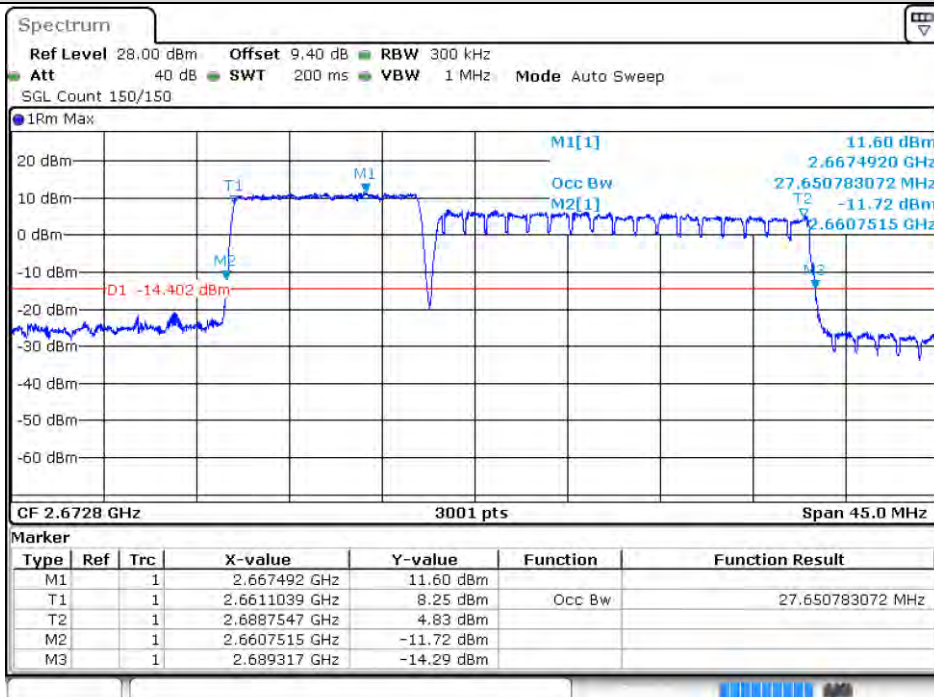


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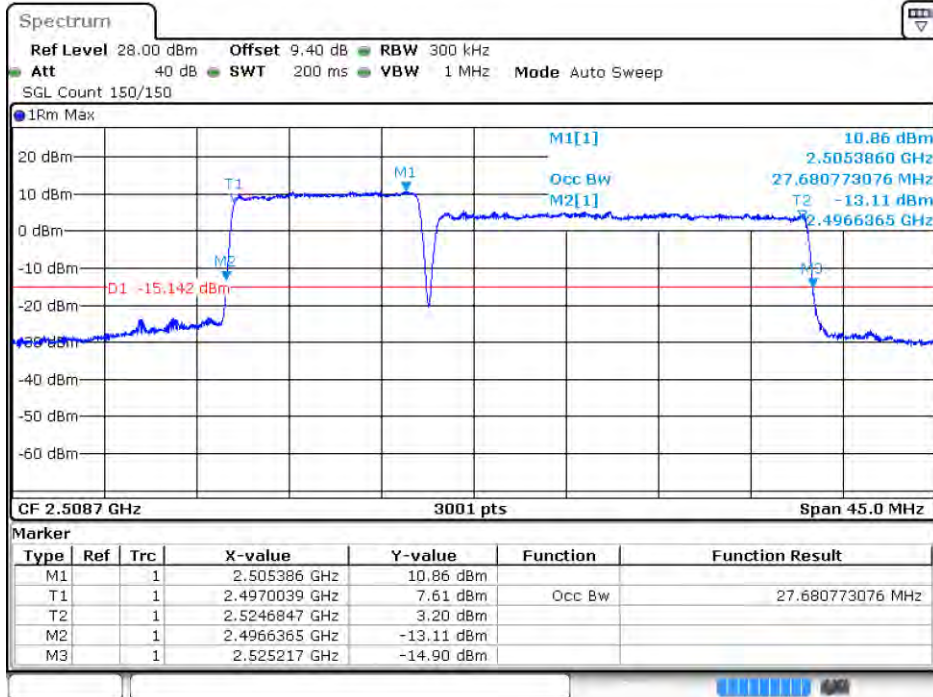
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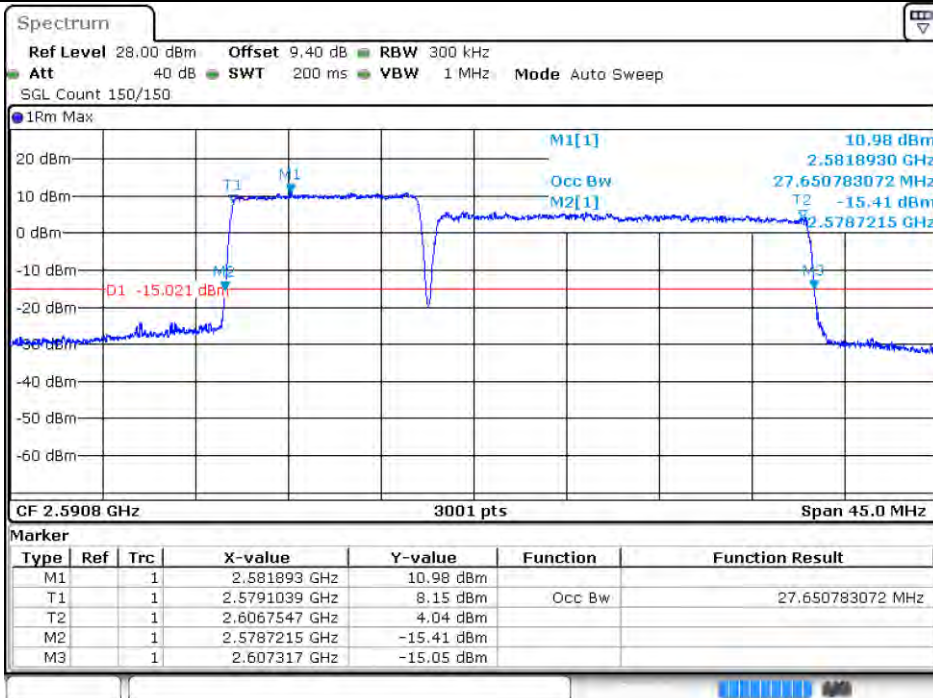


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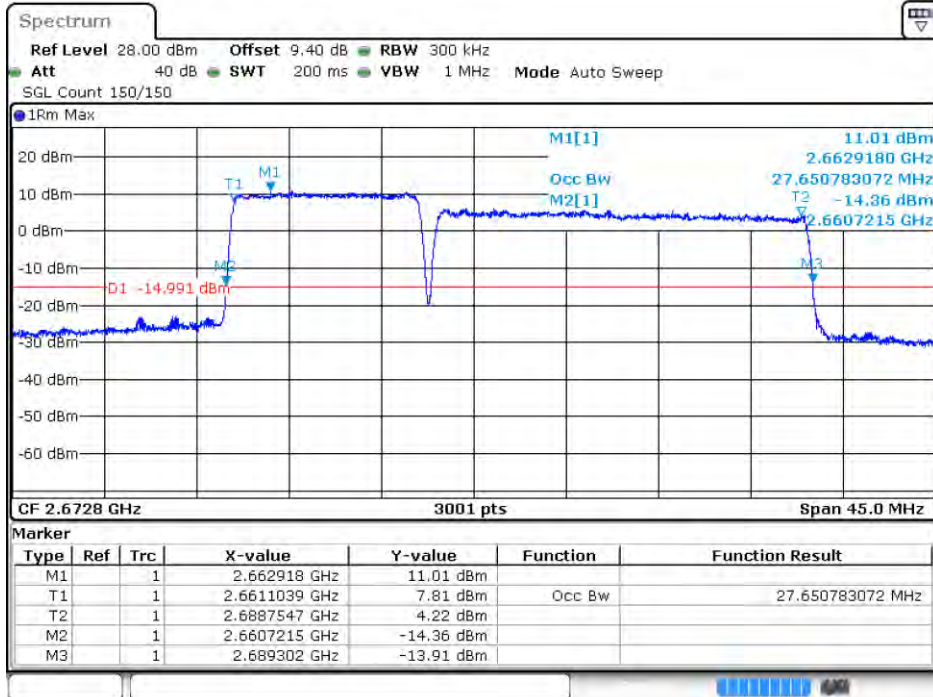
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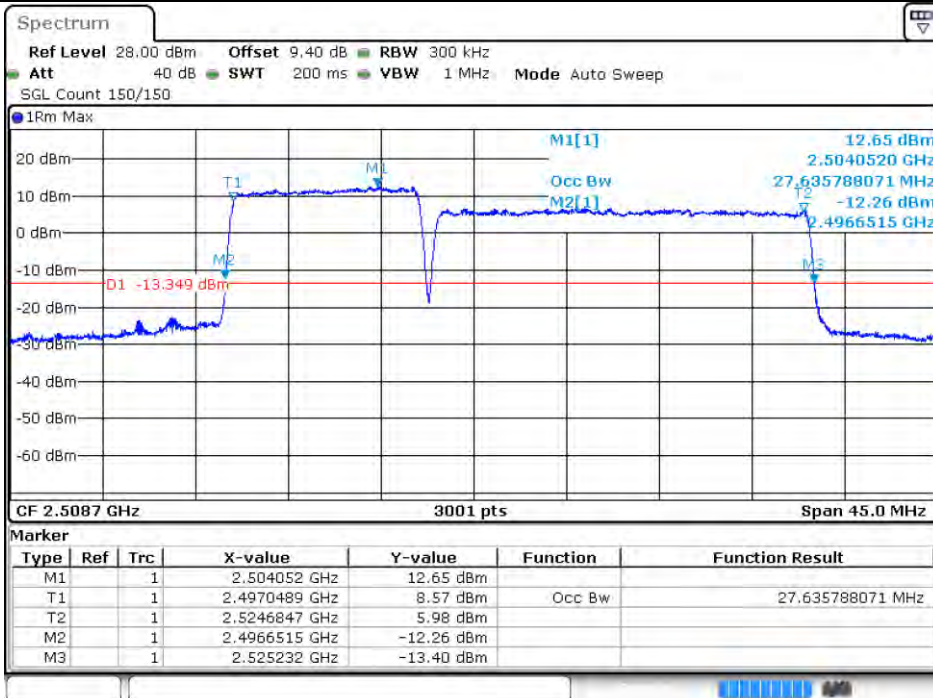


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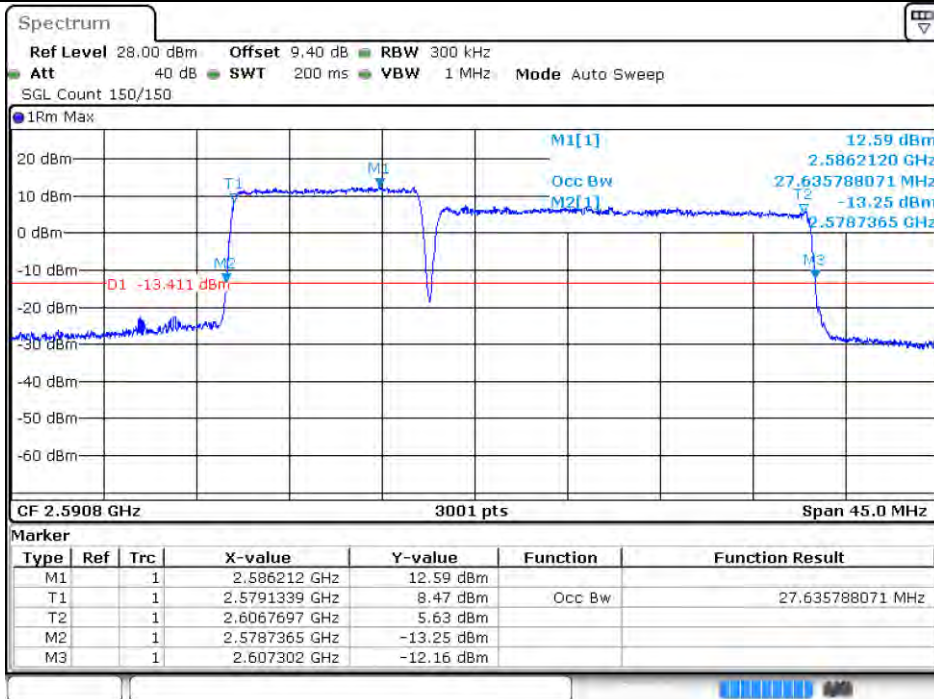
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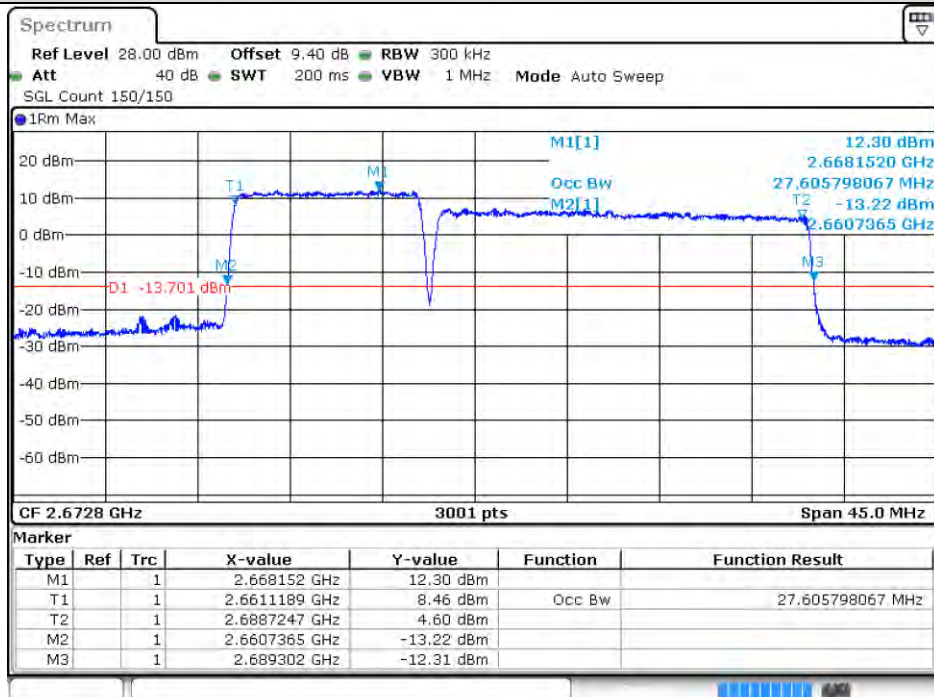


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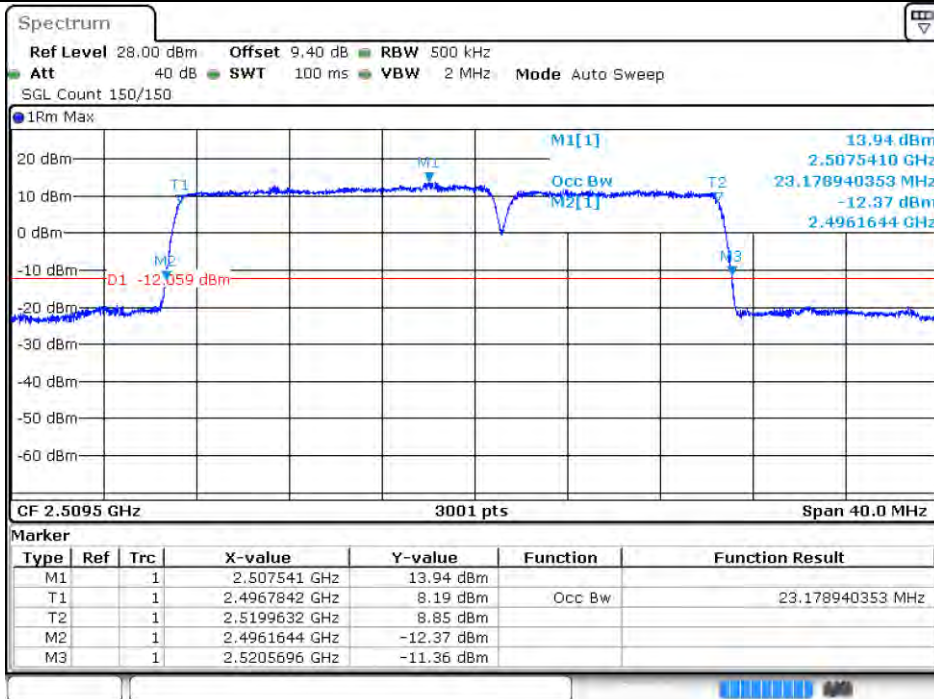
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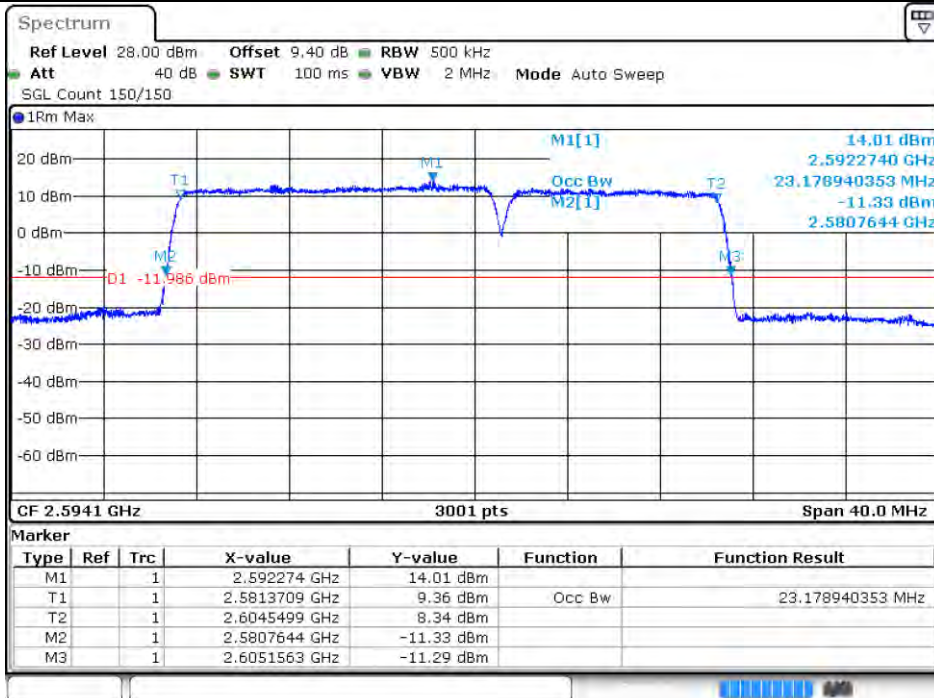


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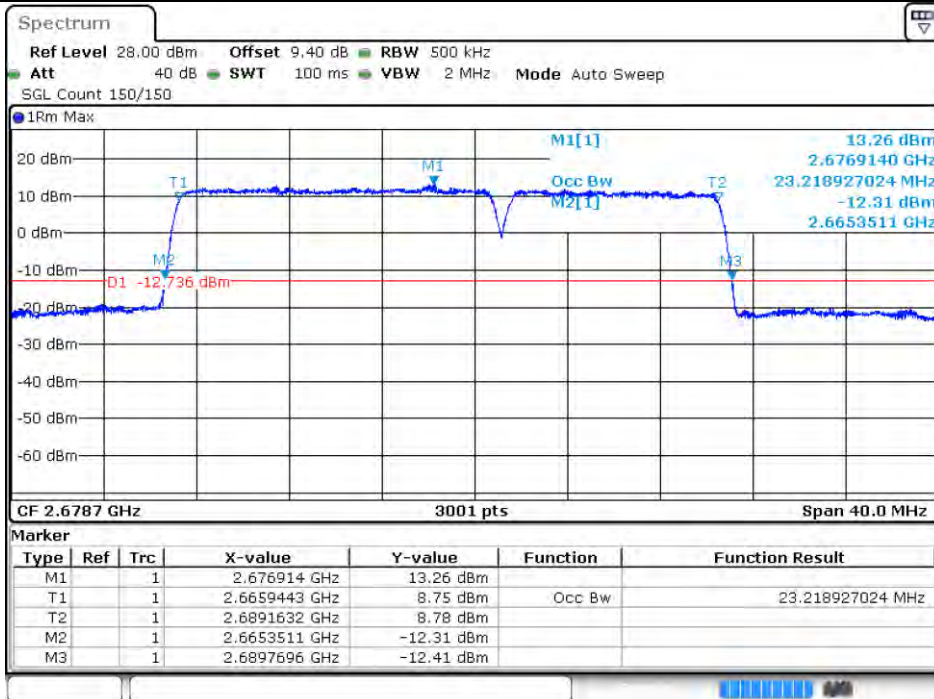
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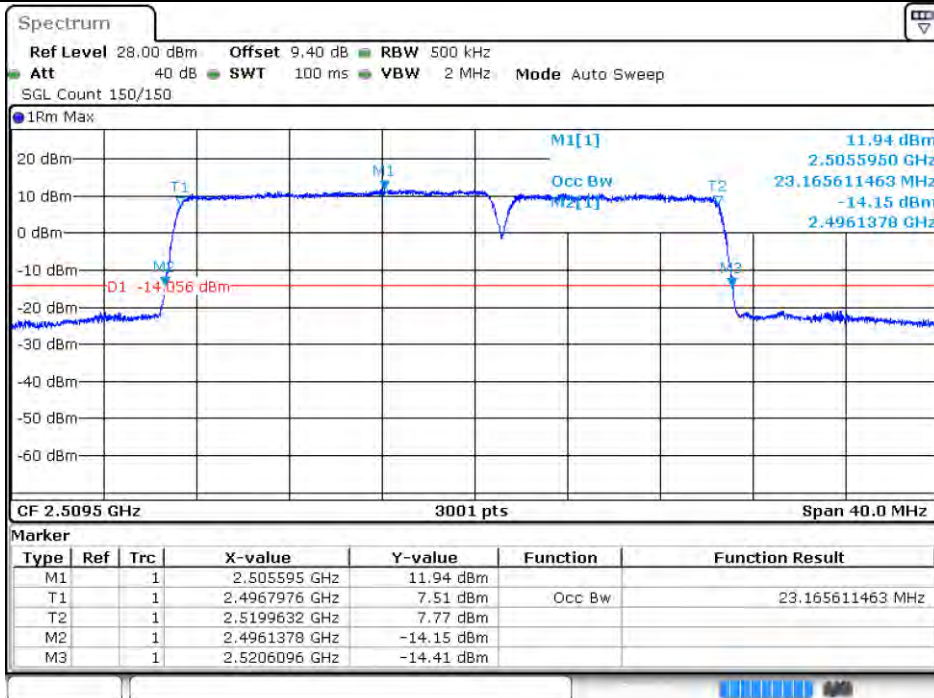


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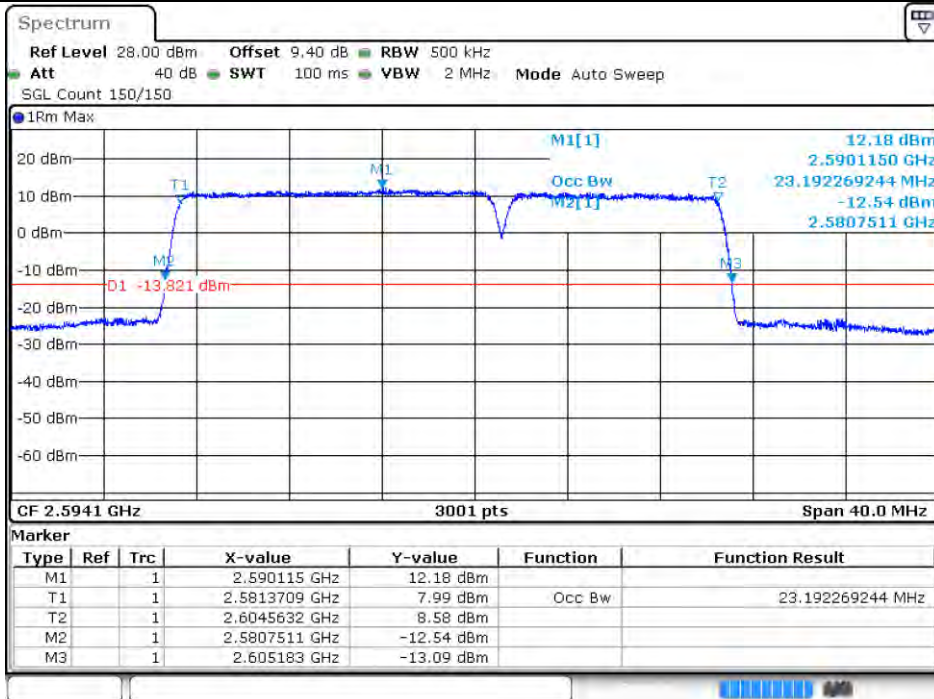
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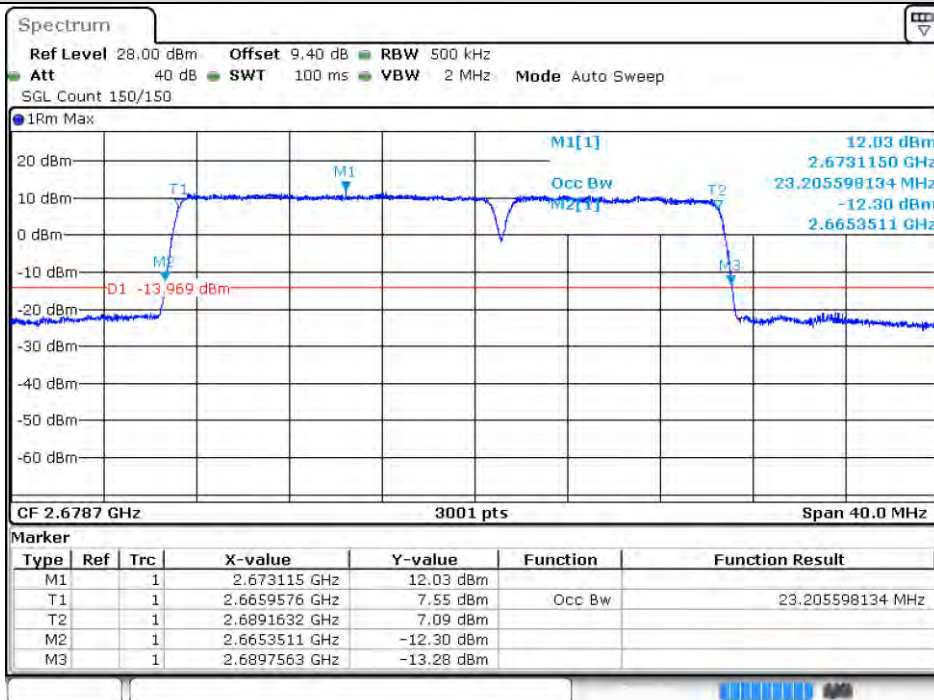


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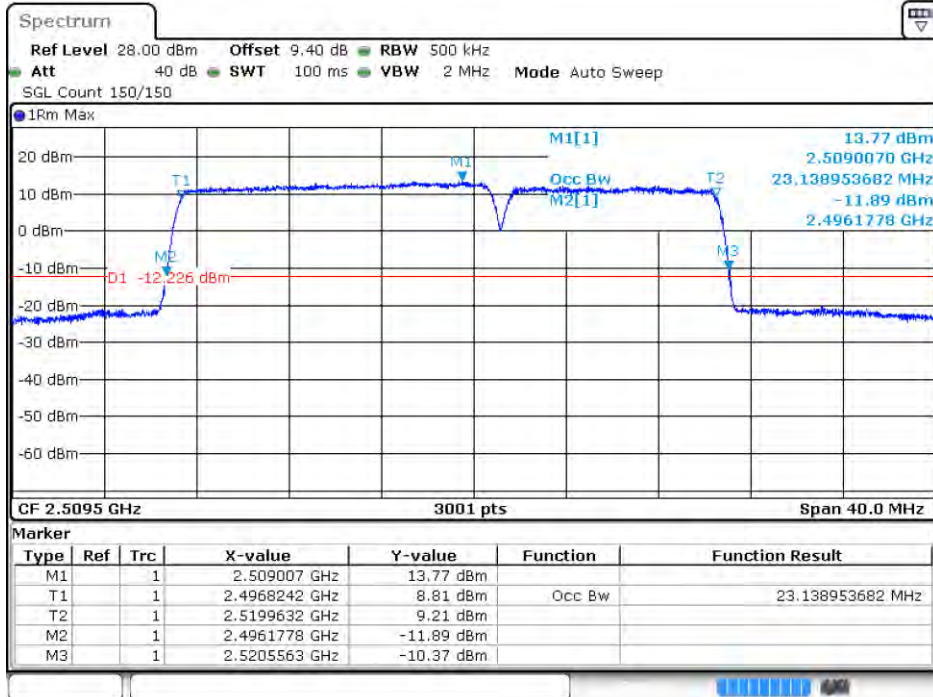
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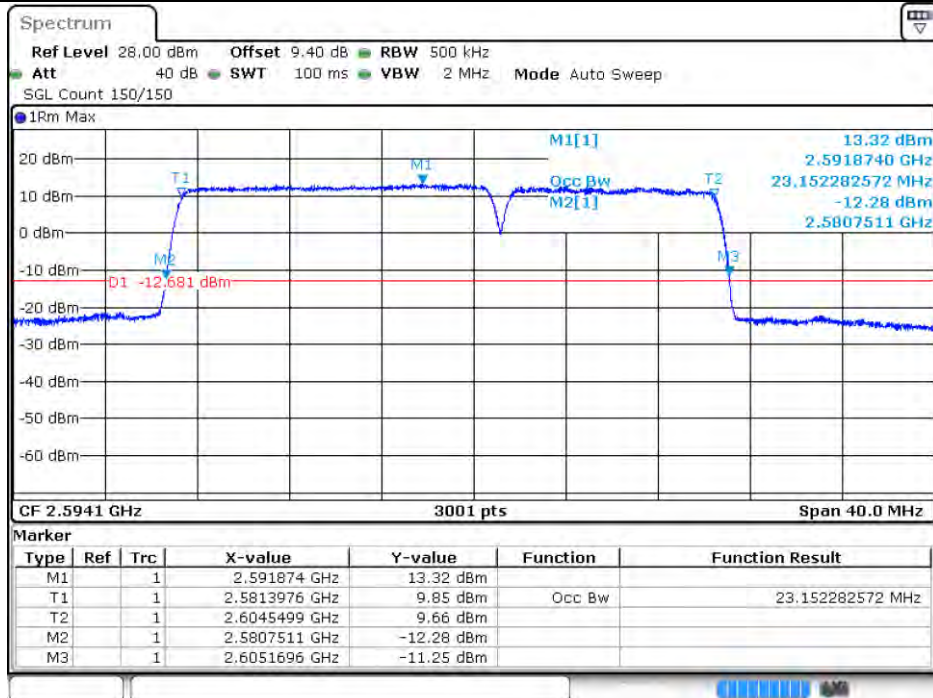


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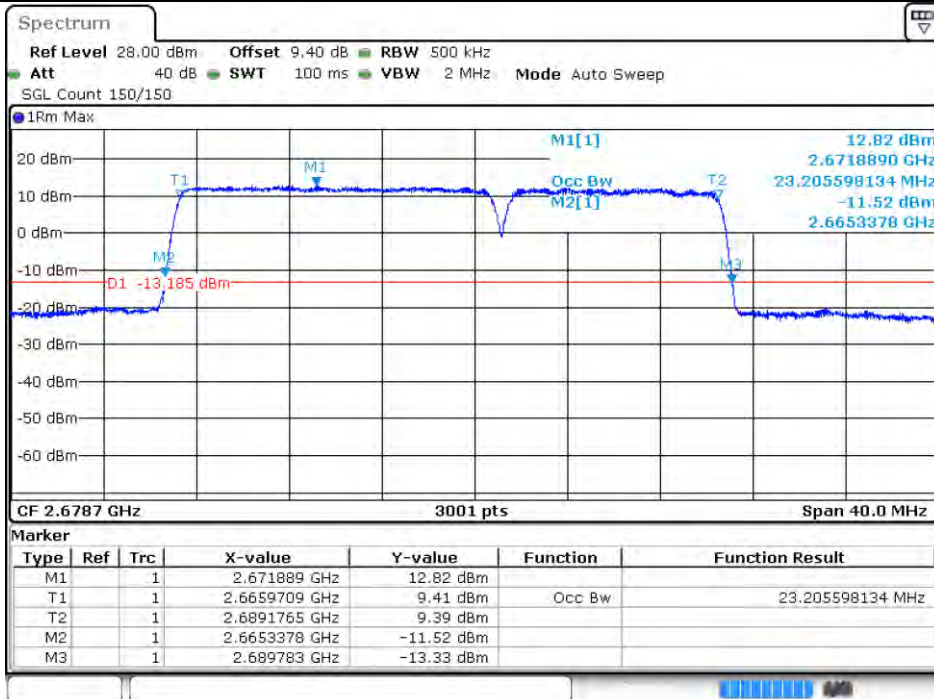
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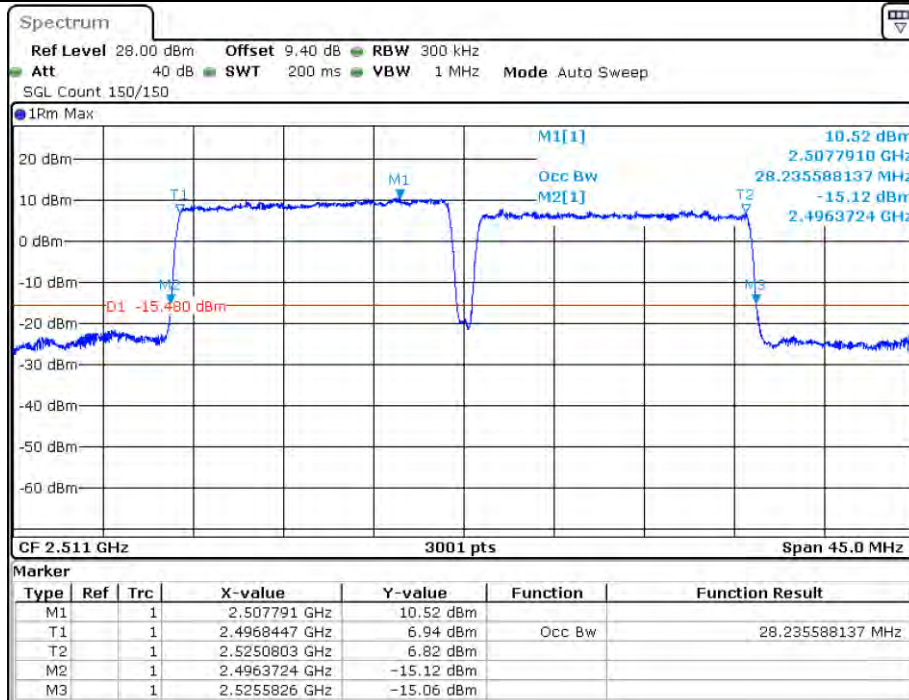


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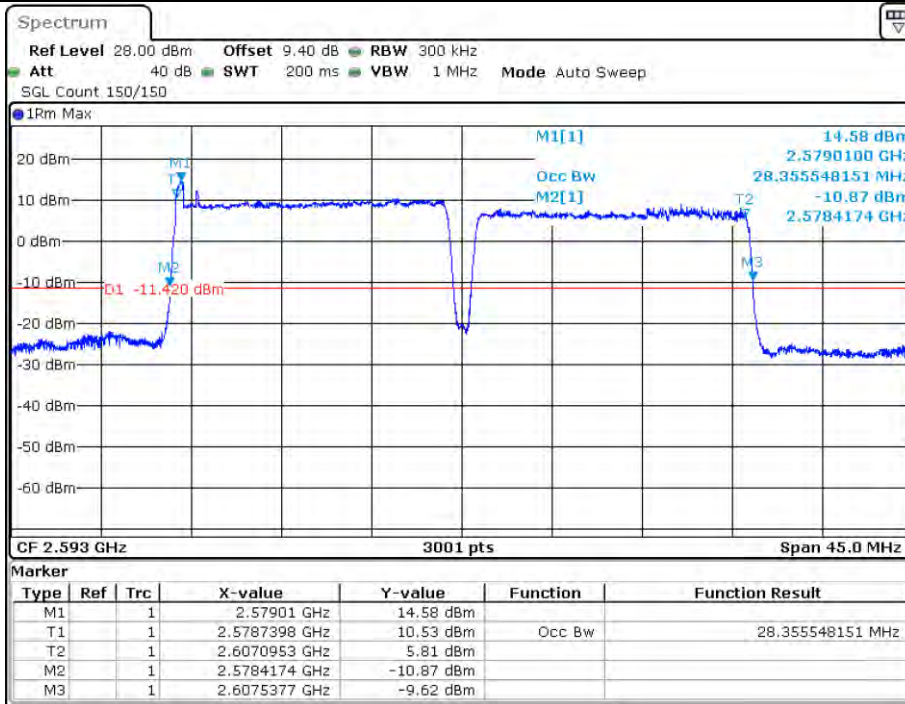
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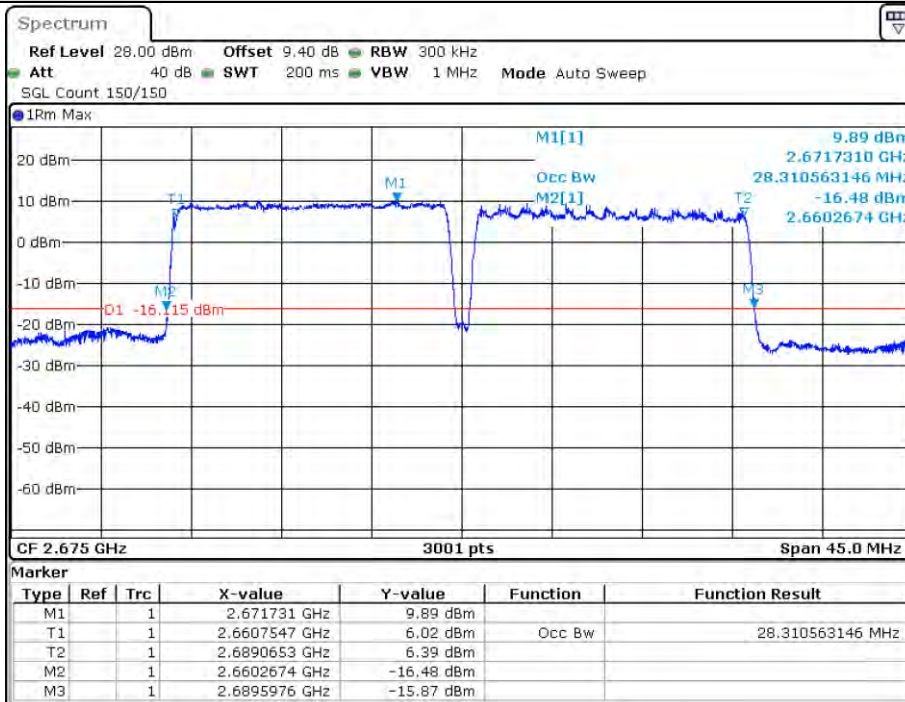


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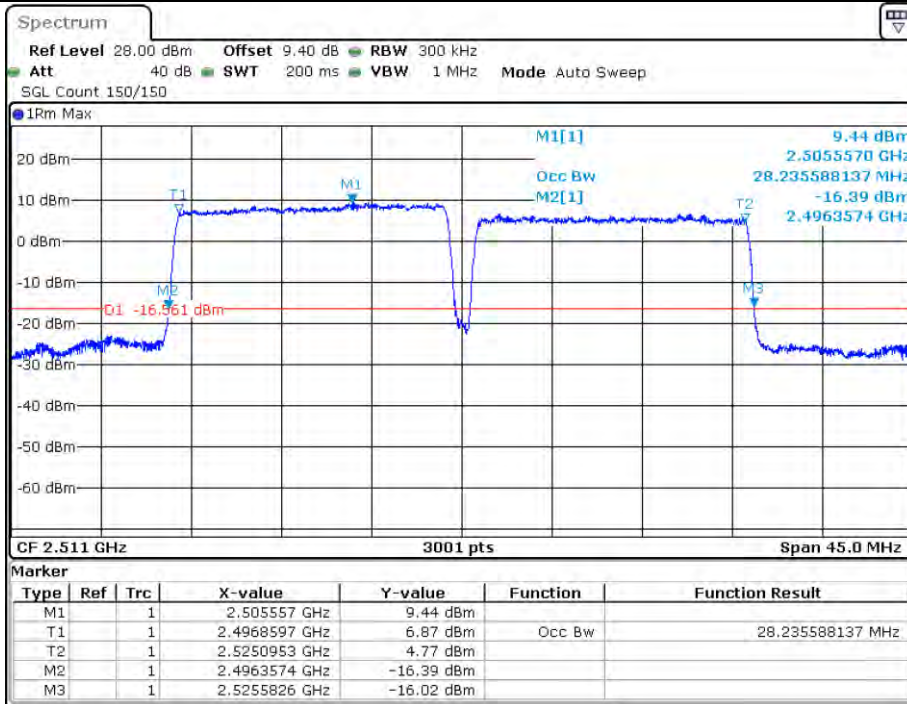
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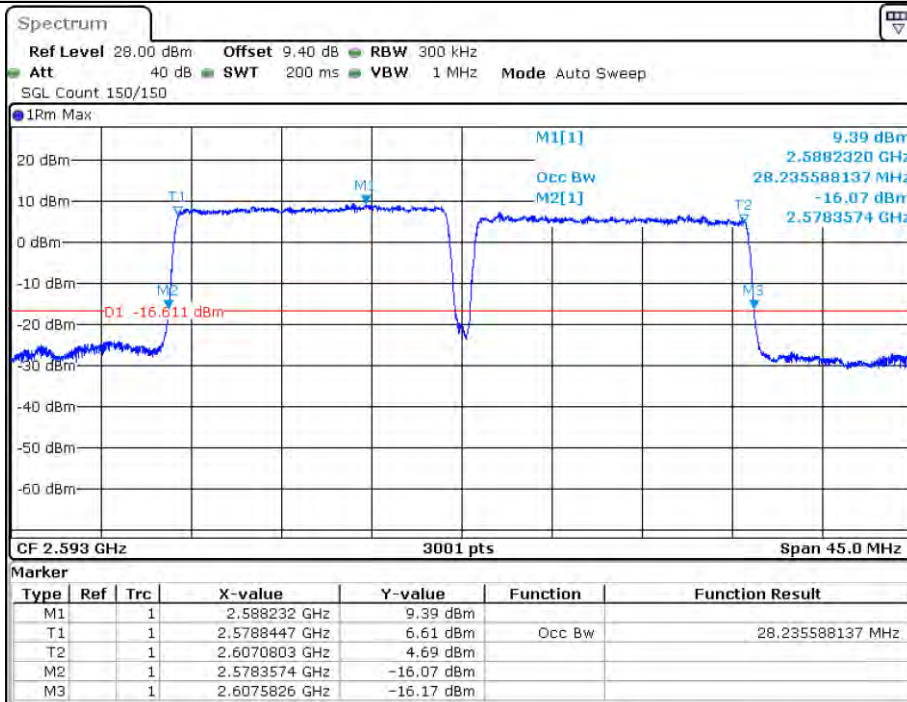


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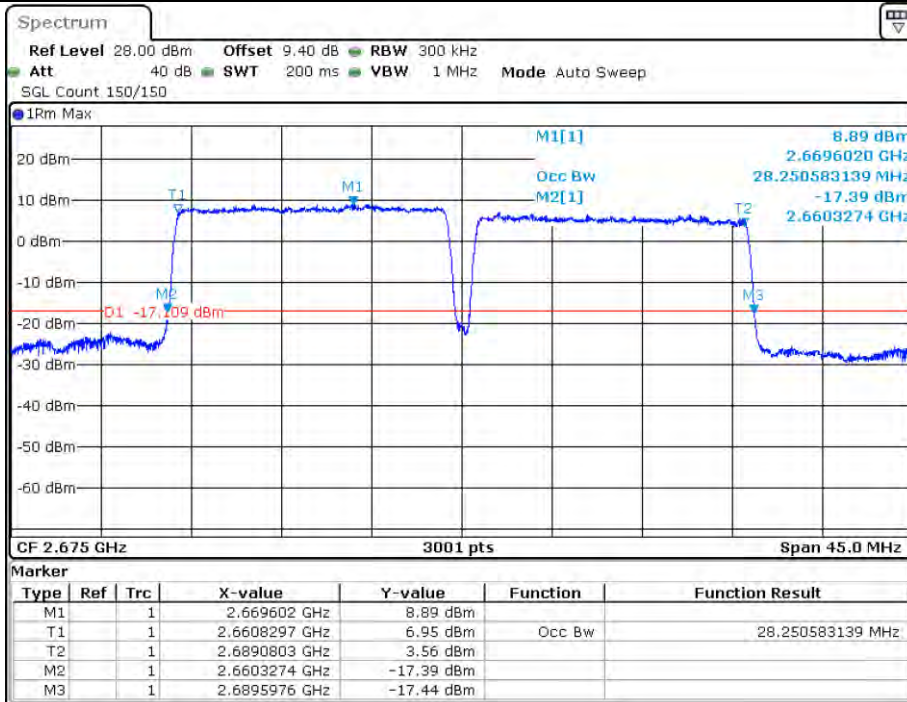
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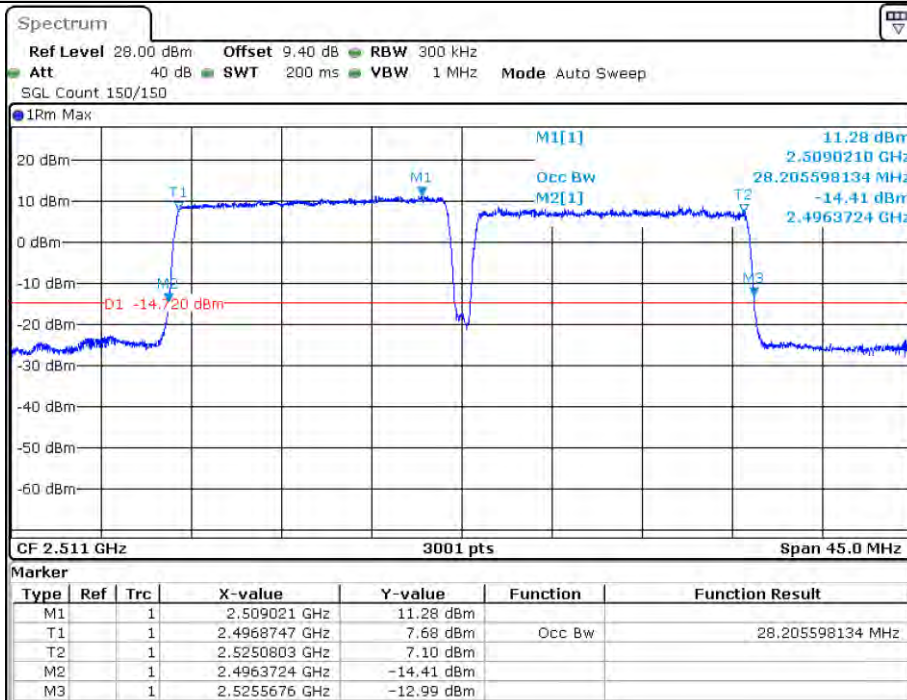
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Date: 29.DEC.2020 19:59:42

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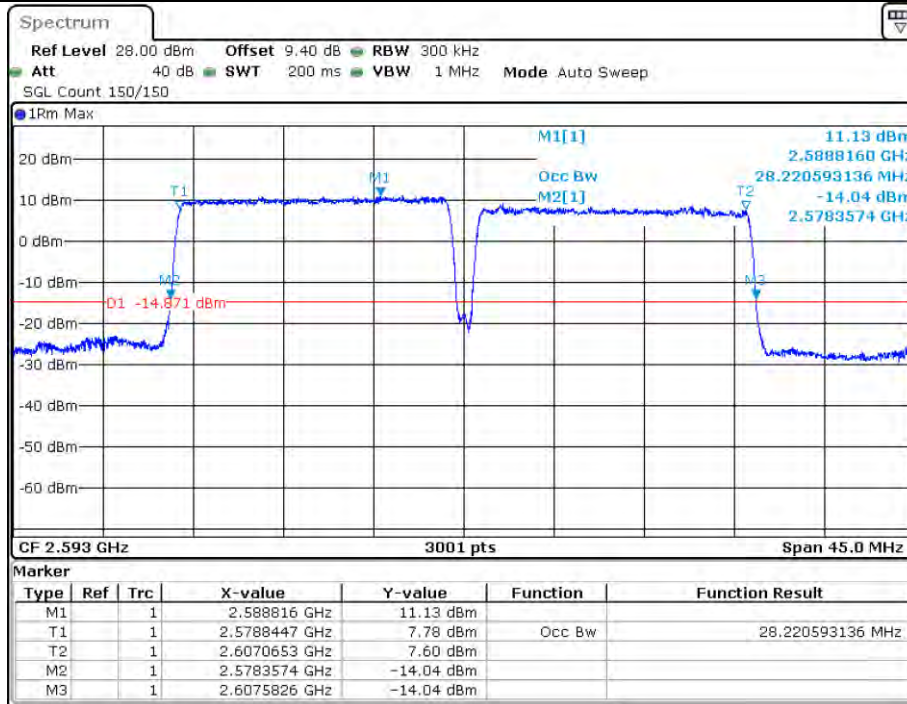


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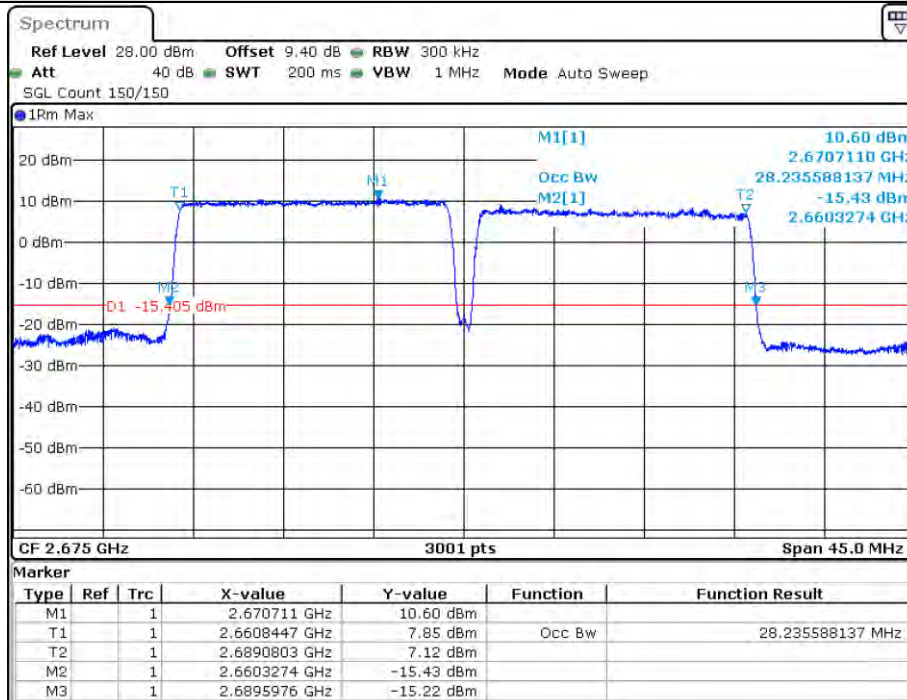
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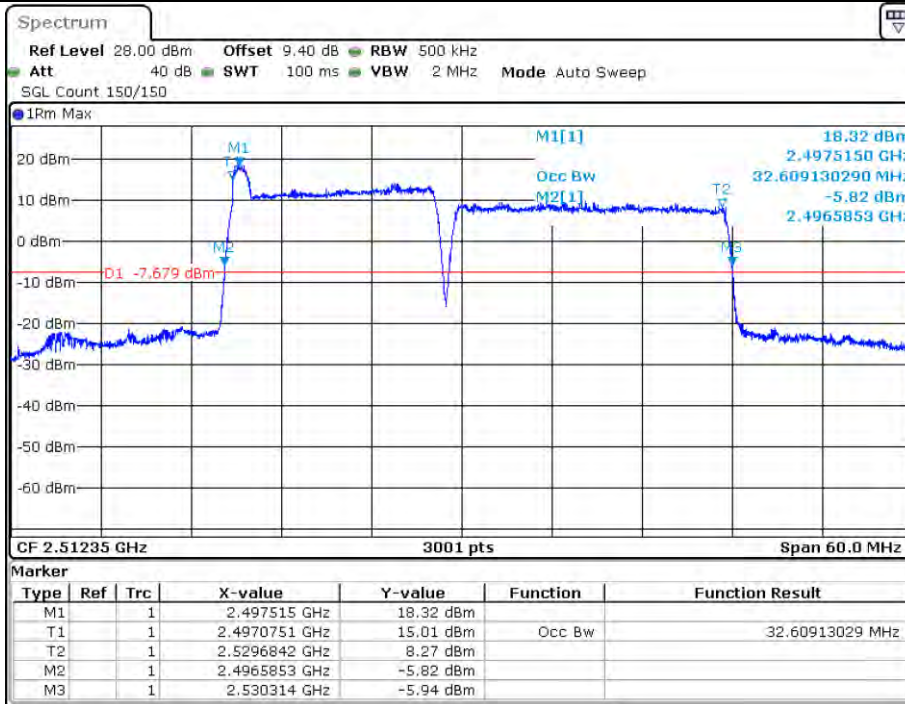
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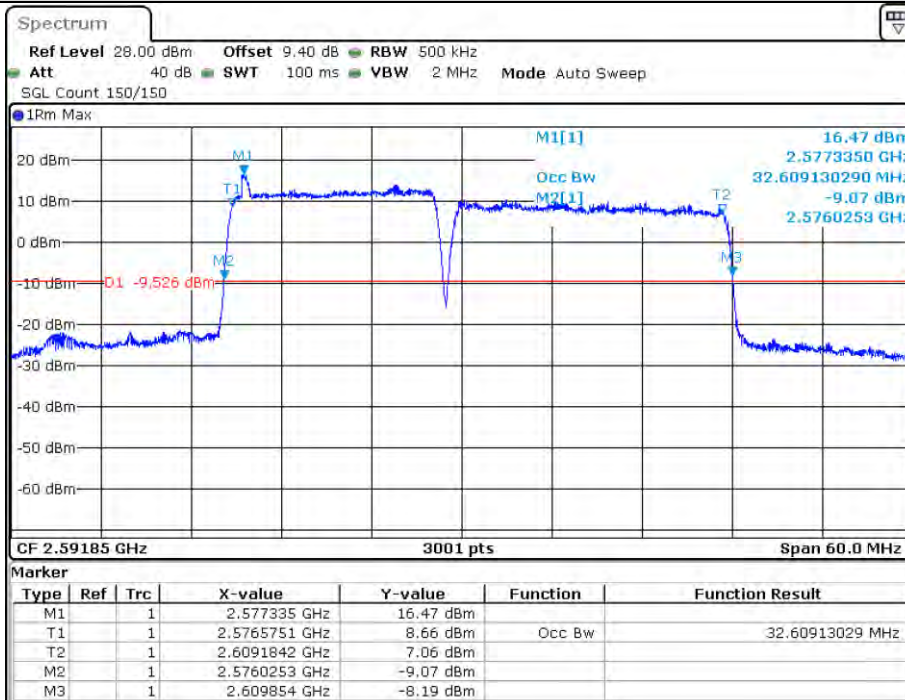


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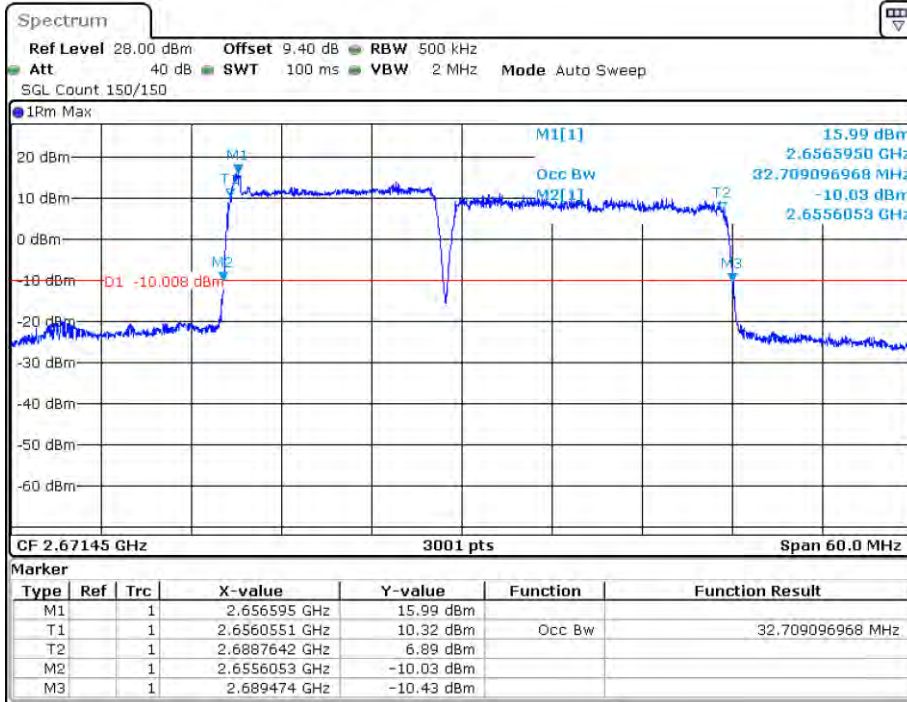
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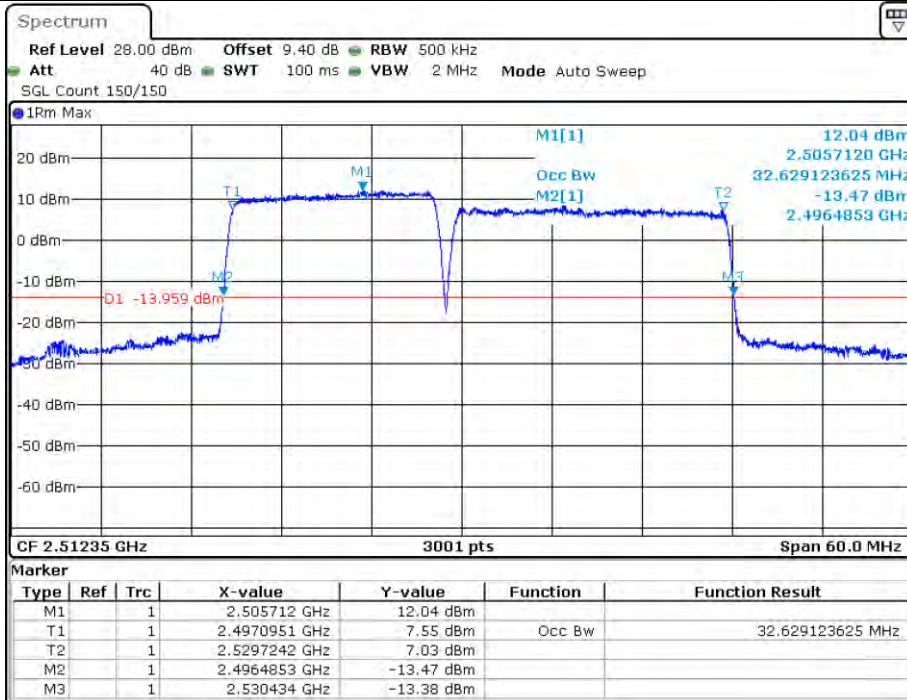


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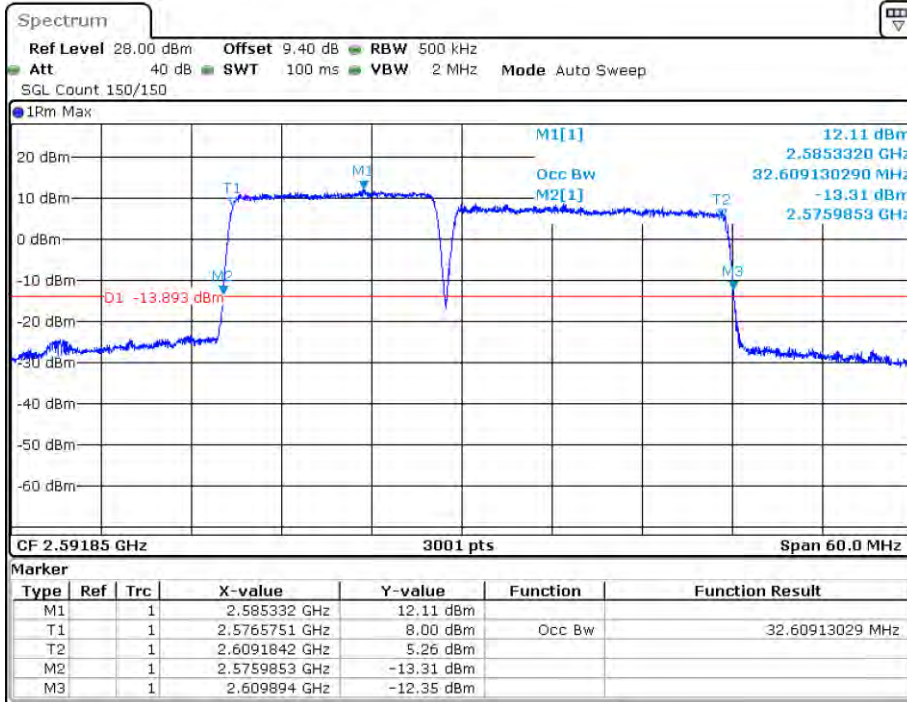
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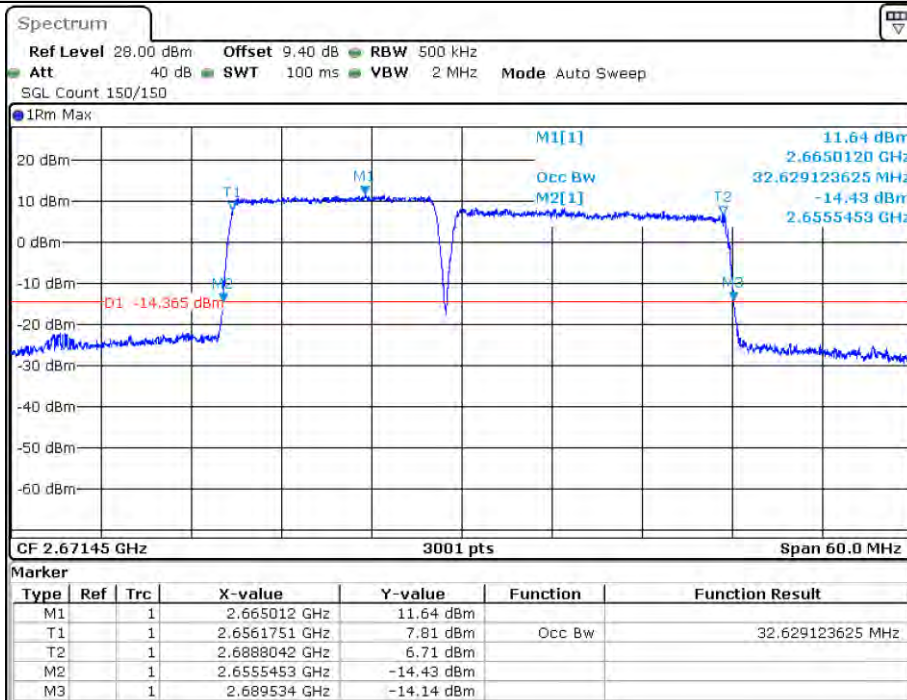
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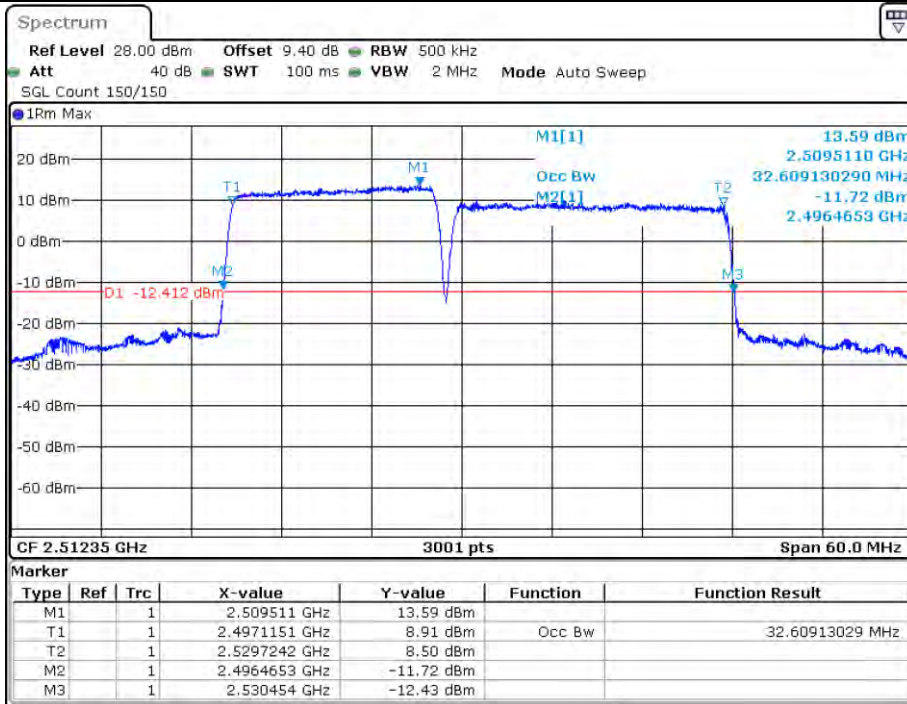
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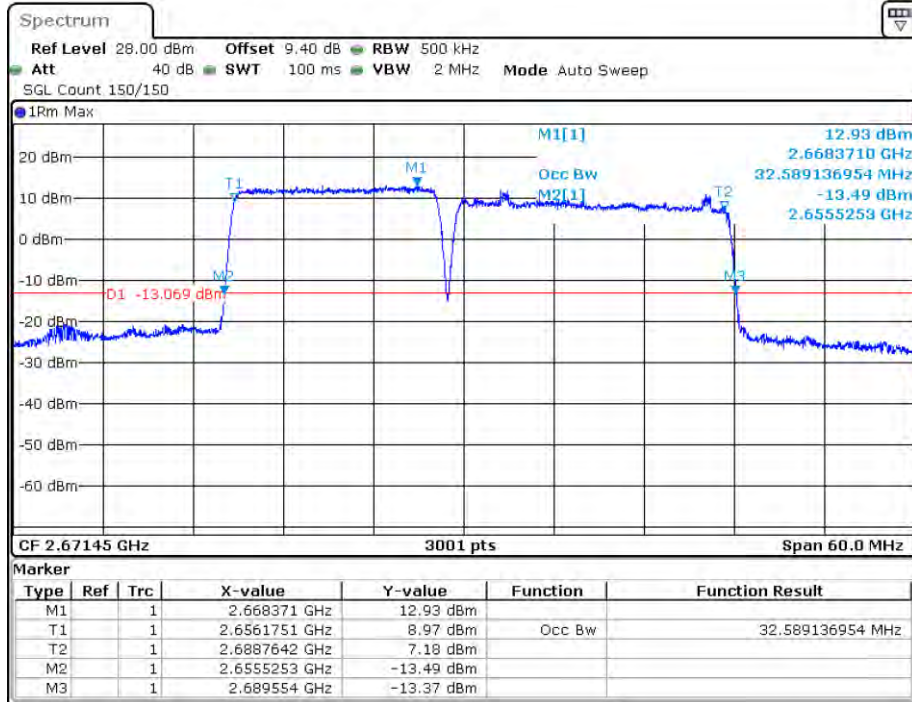
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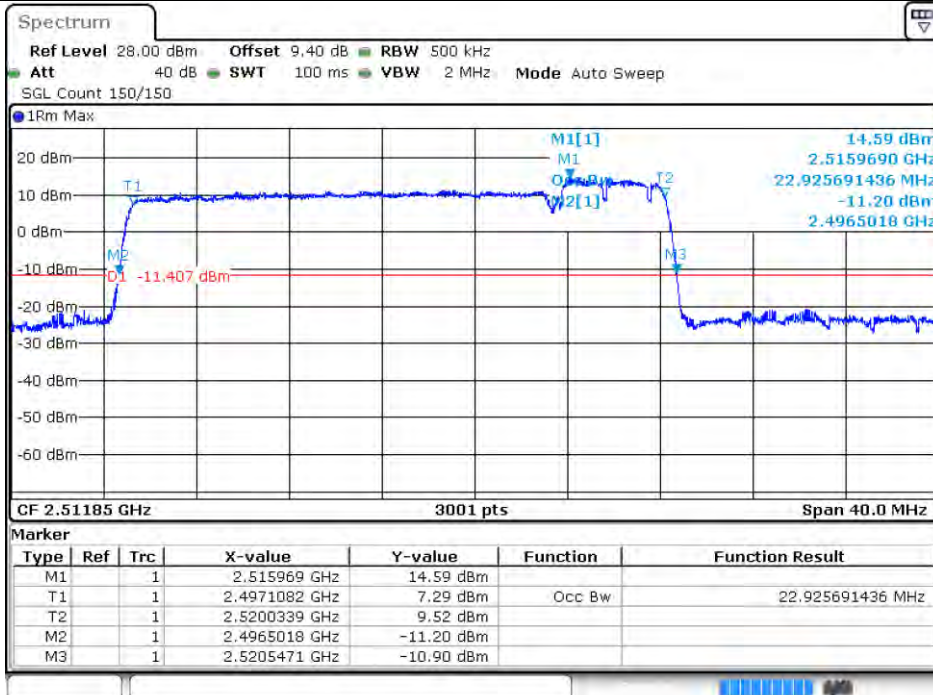


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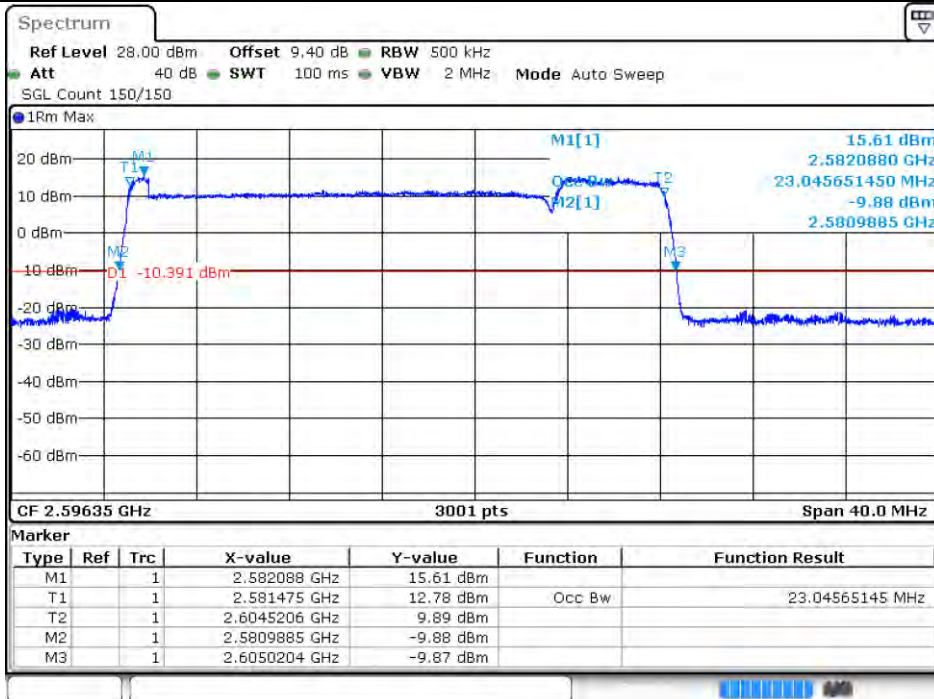
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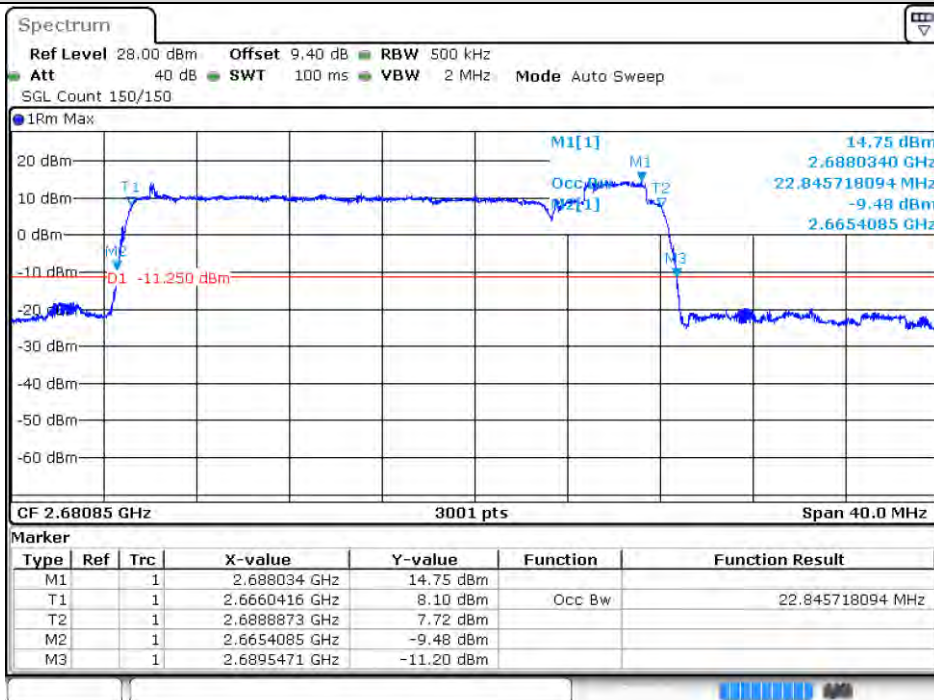


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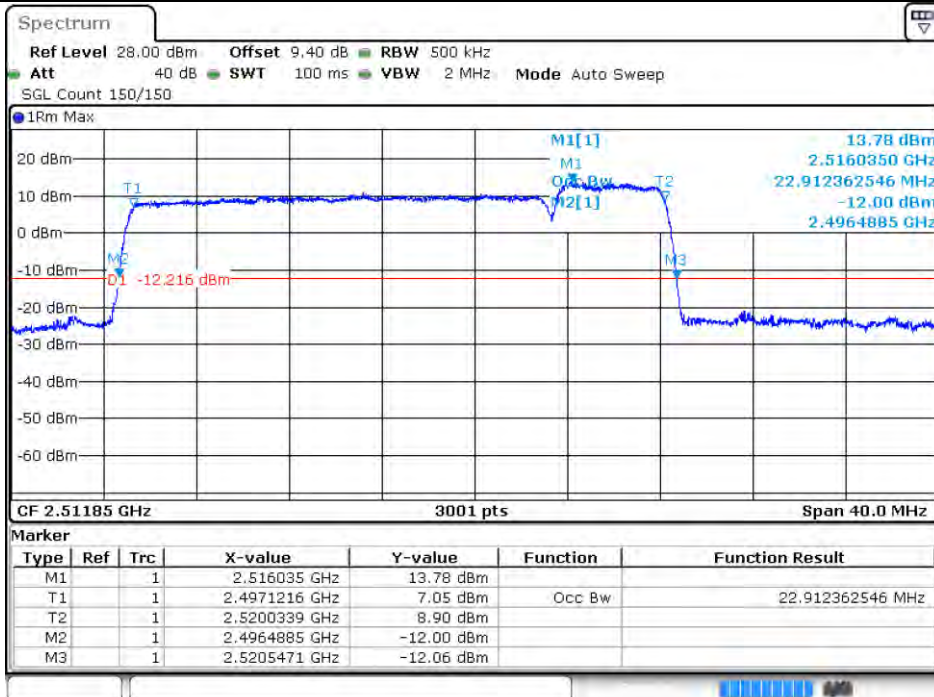
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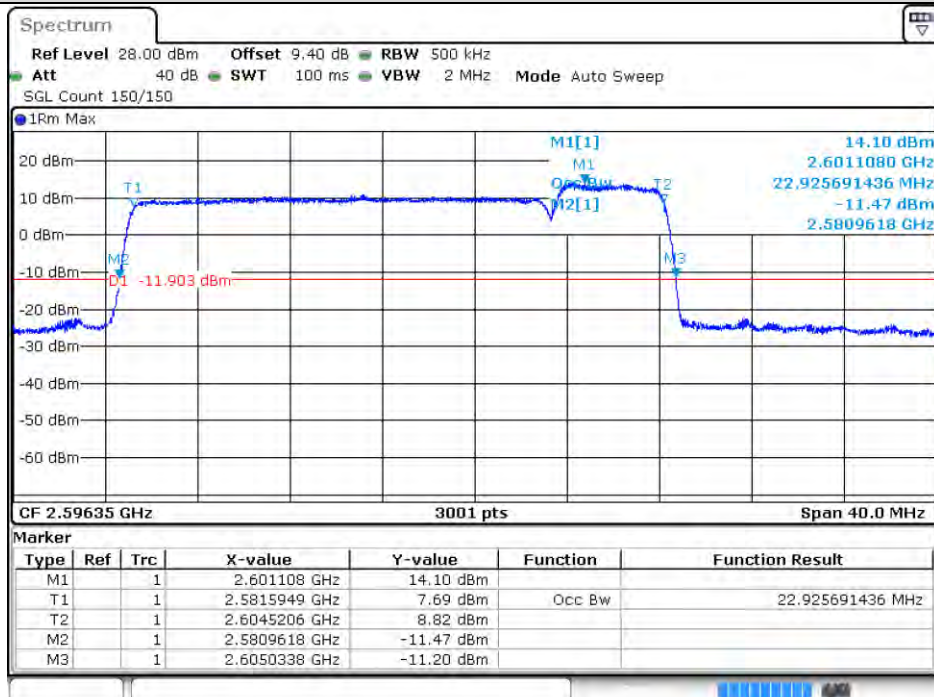


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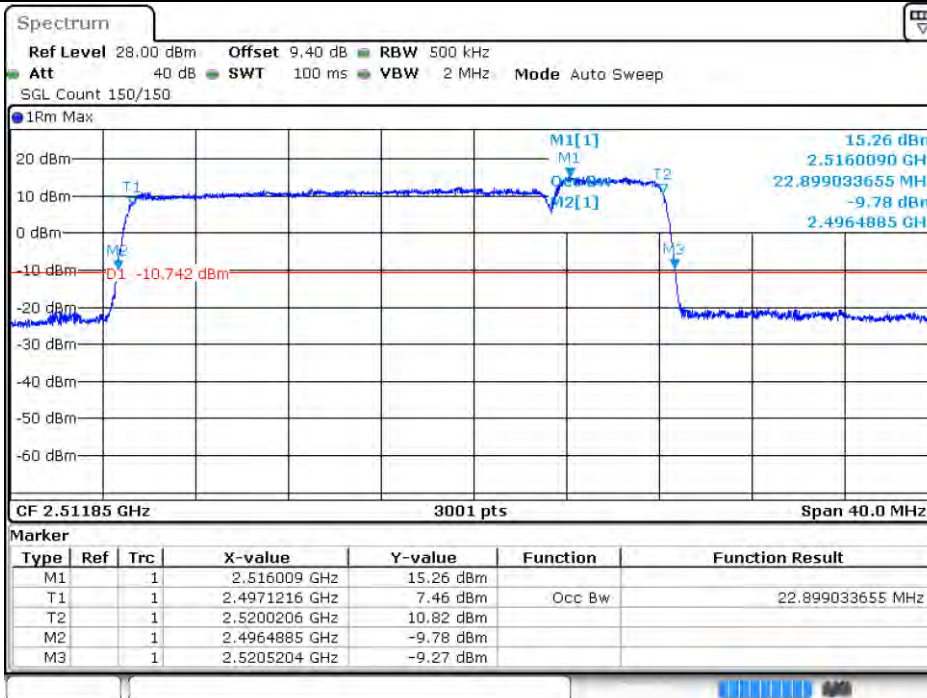


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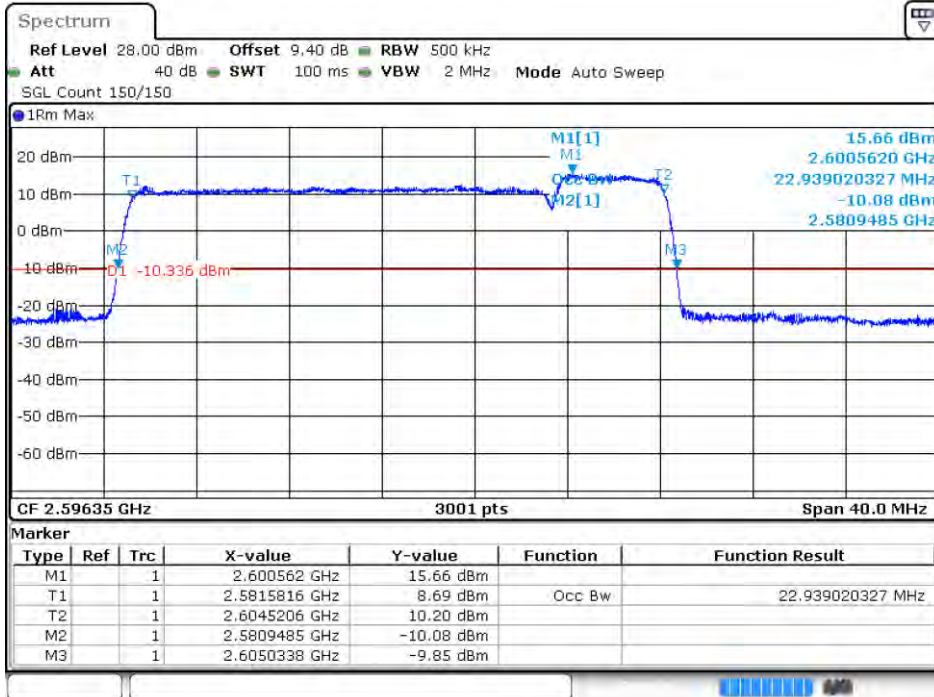
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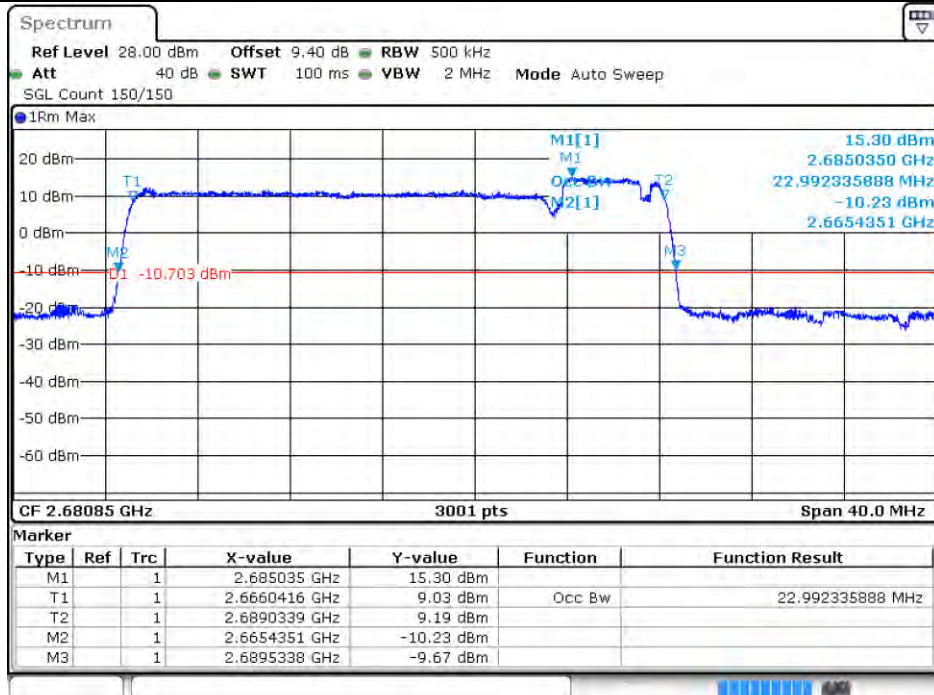


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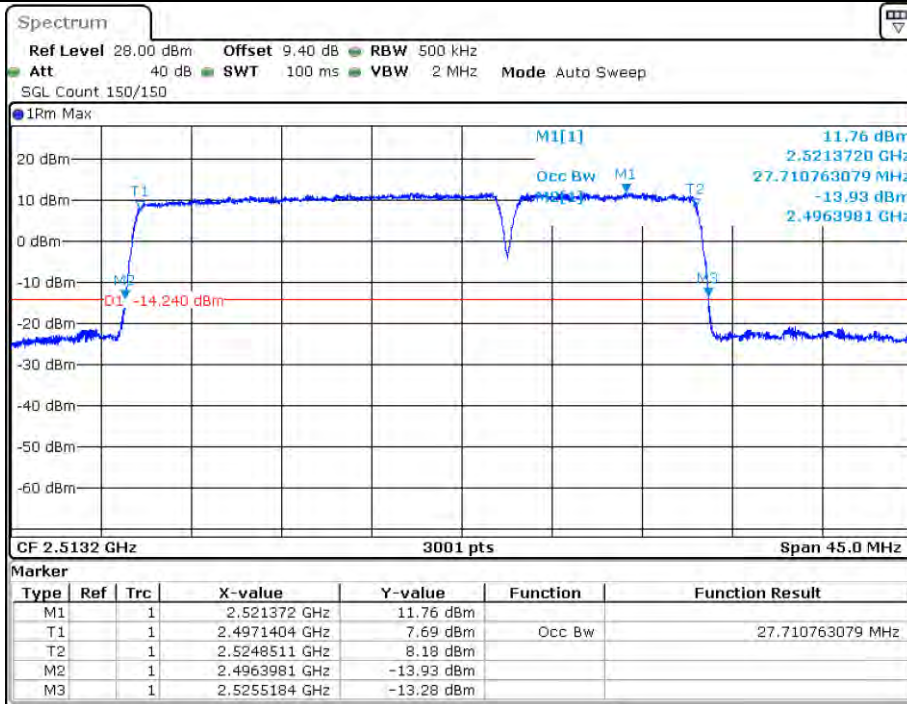
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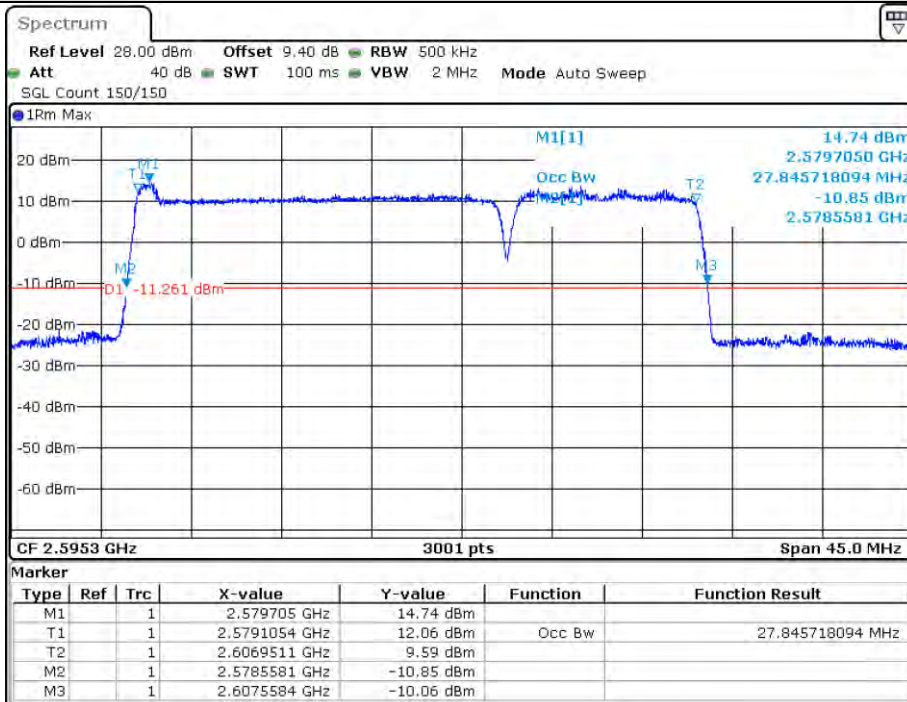


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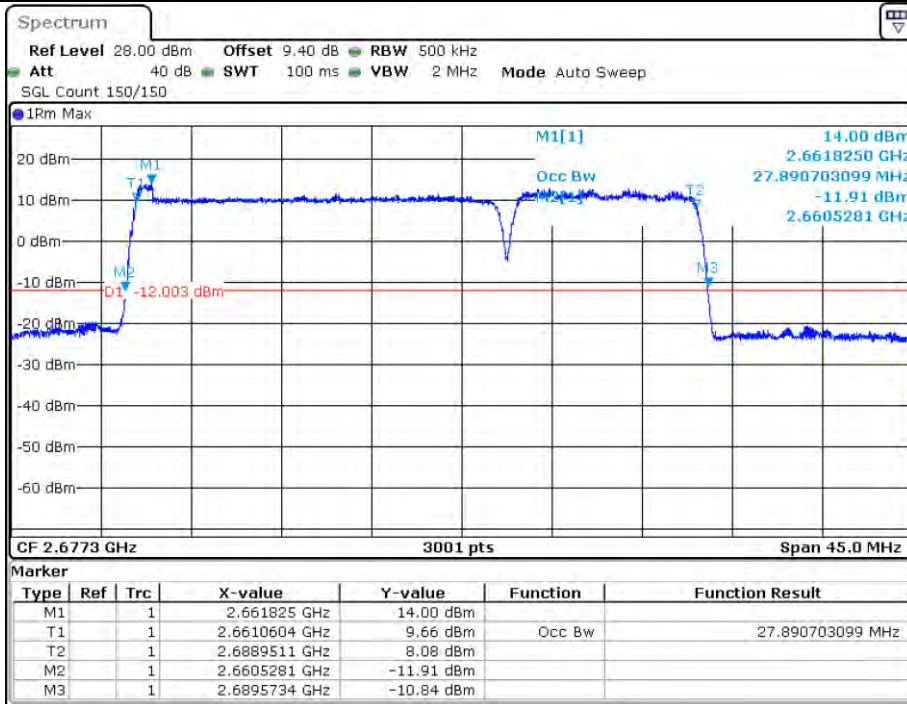
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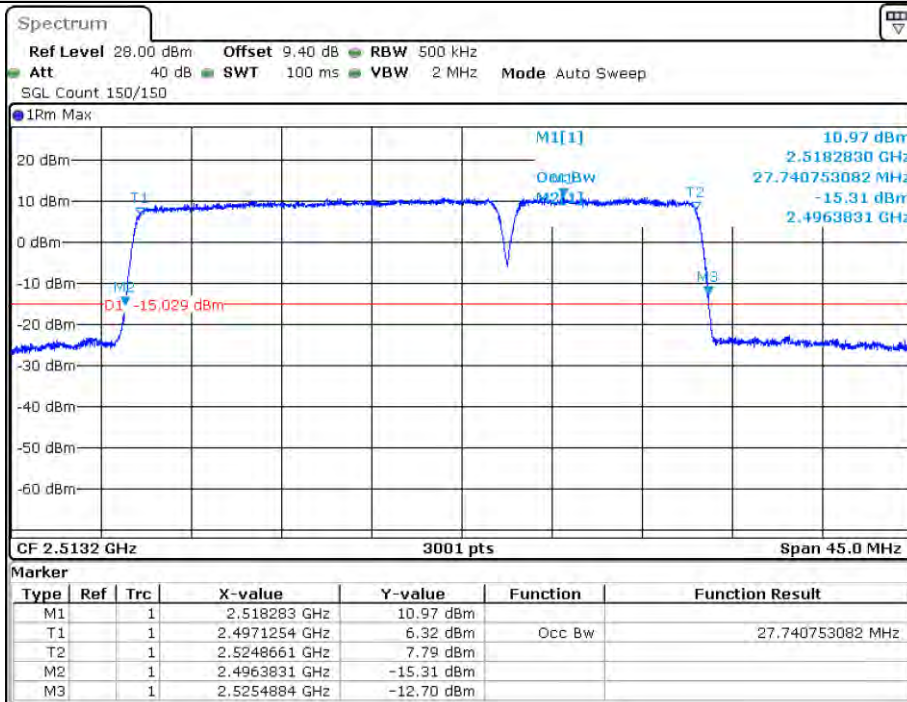


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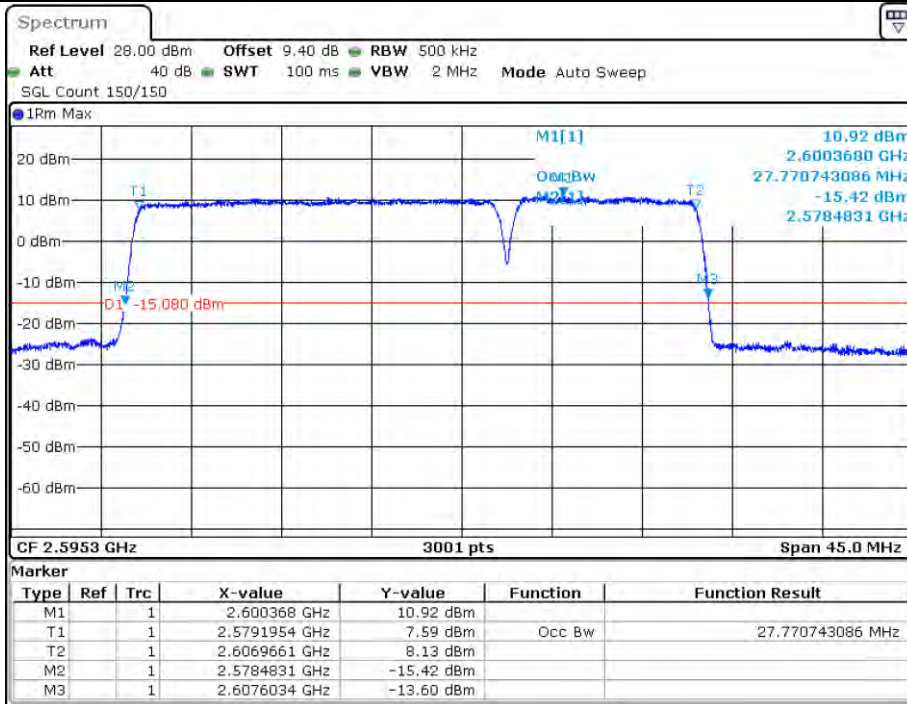
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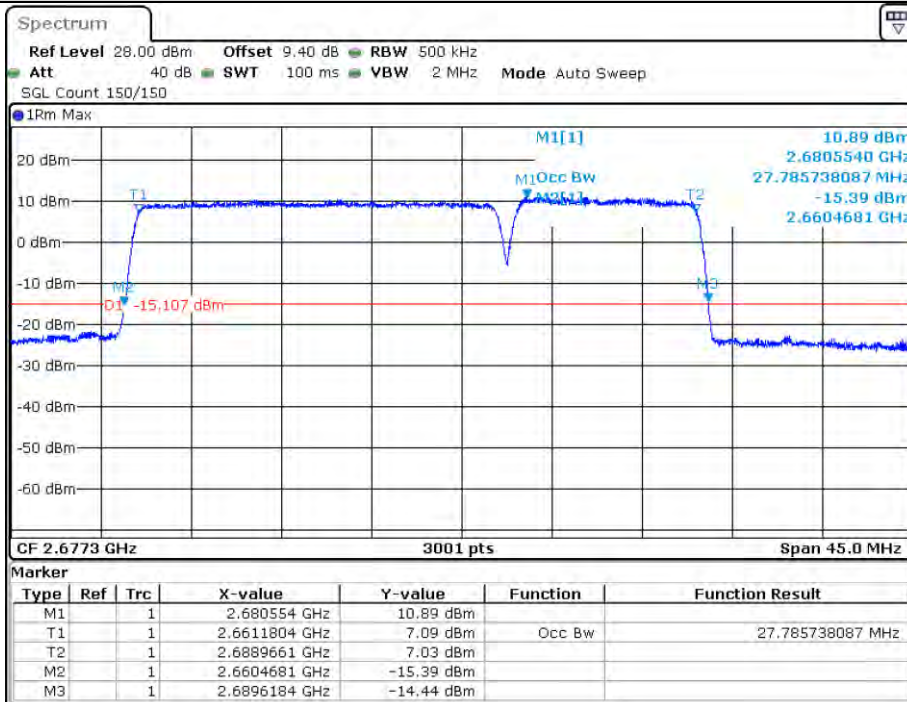
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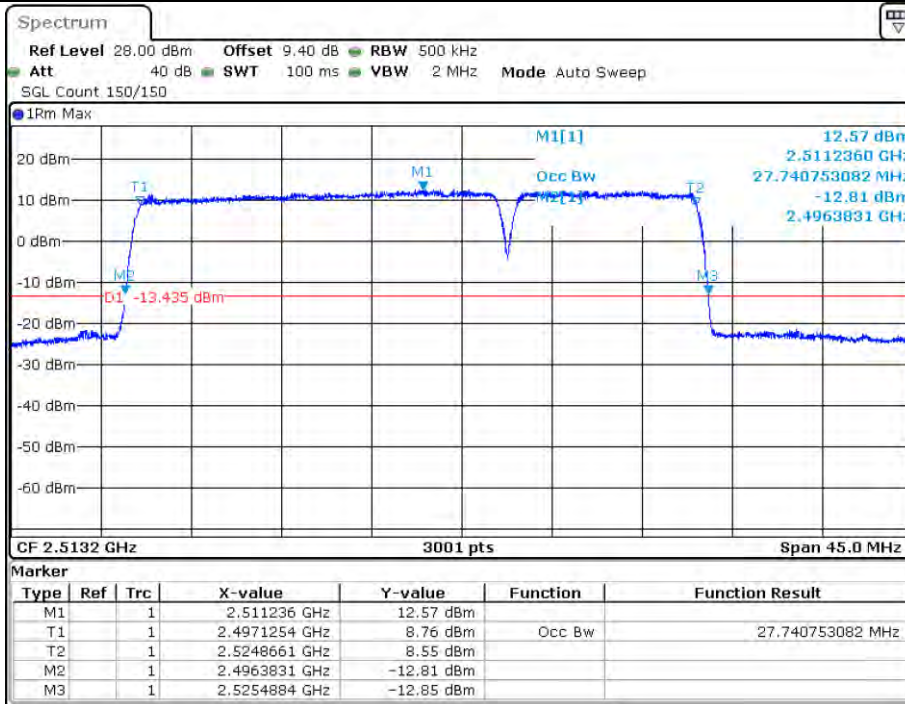
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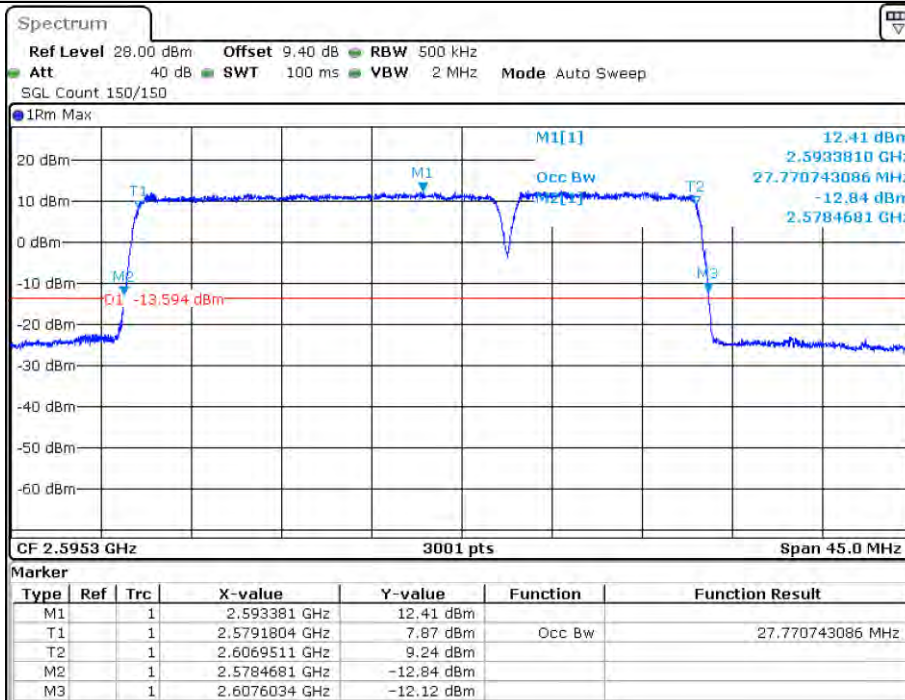
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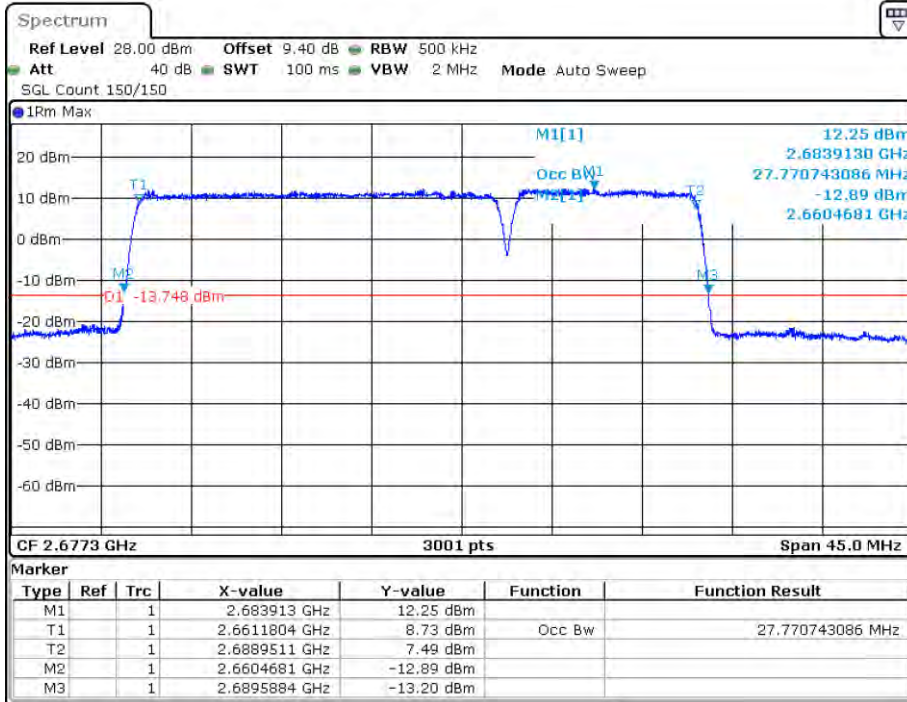
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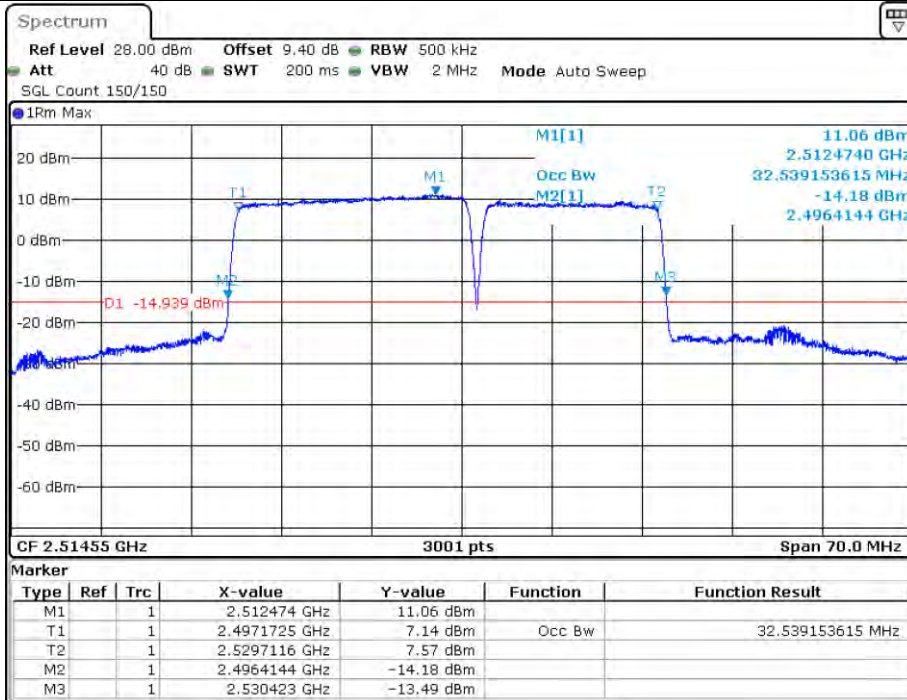


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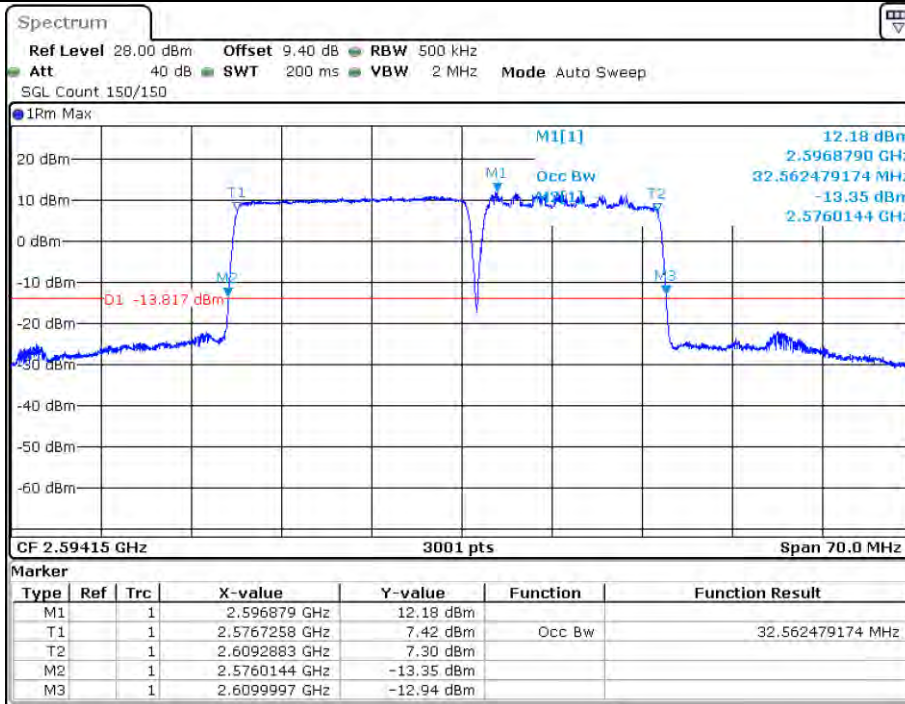
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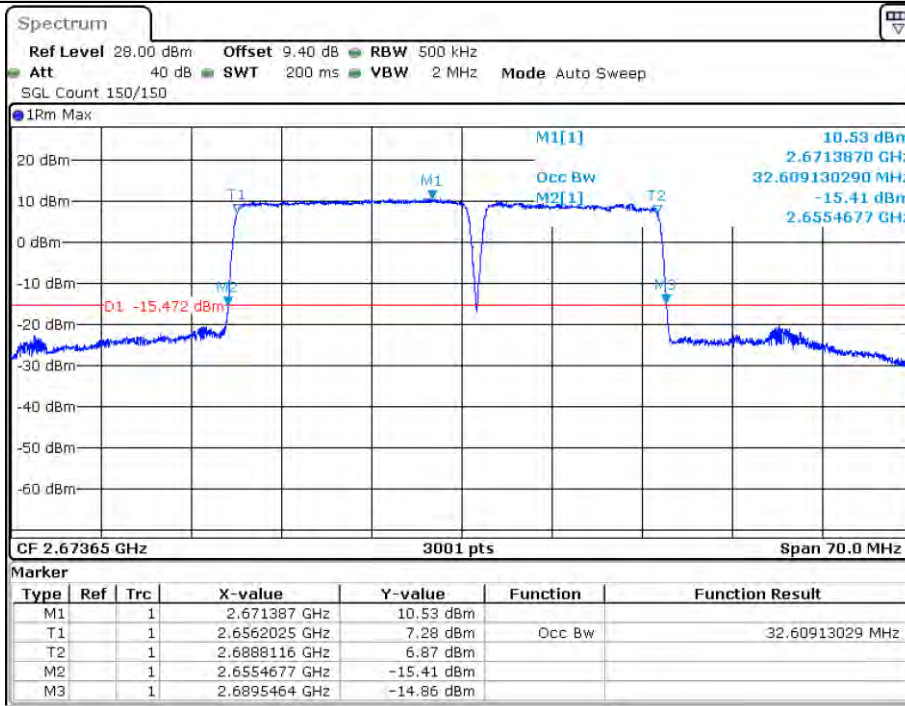
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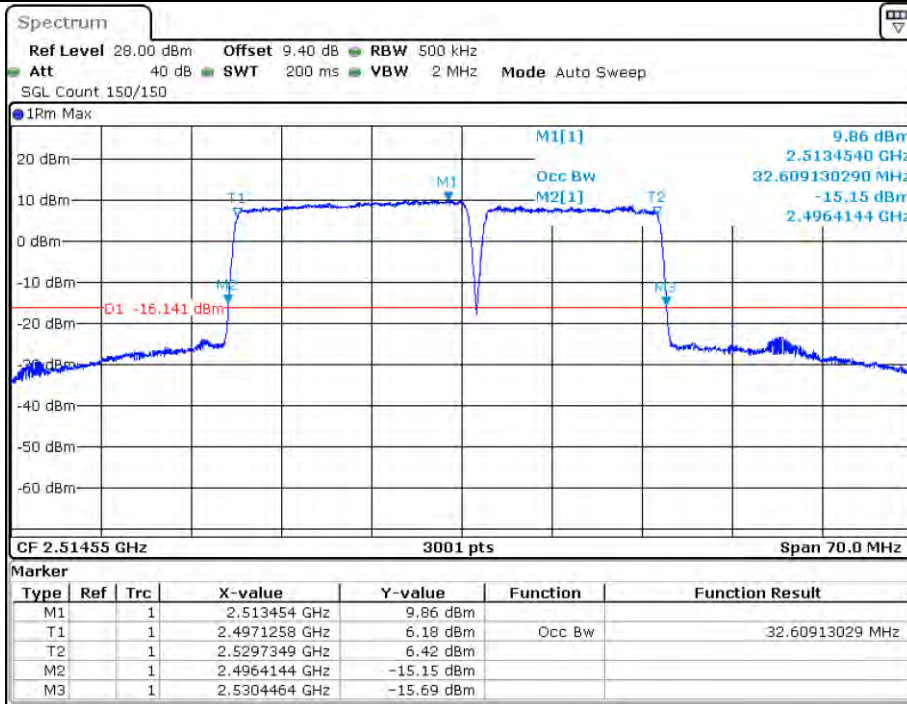
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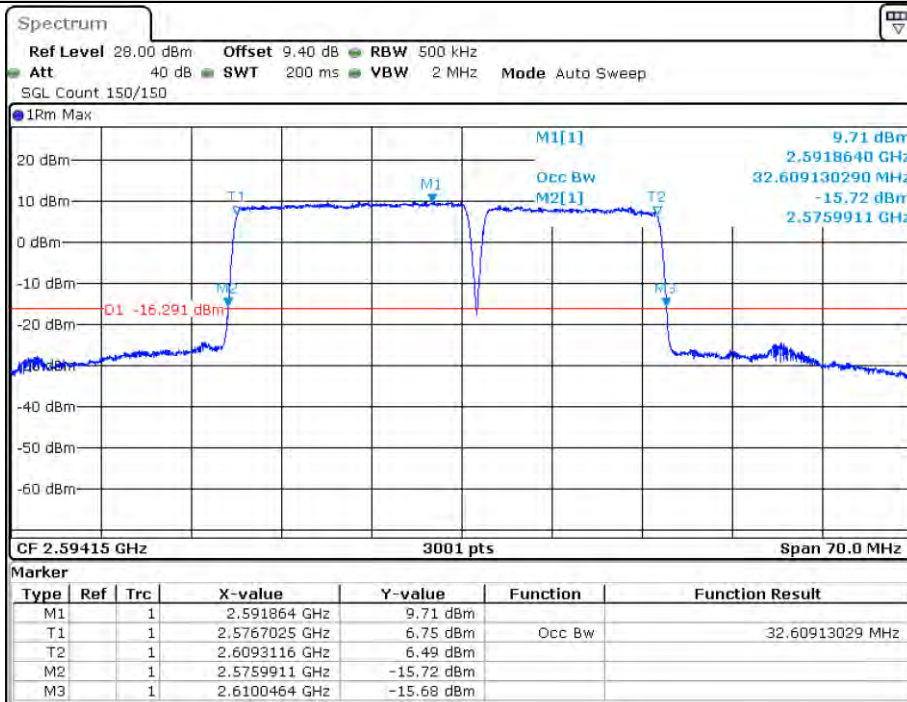
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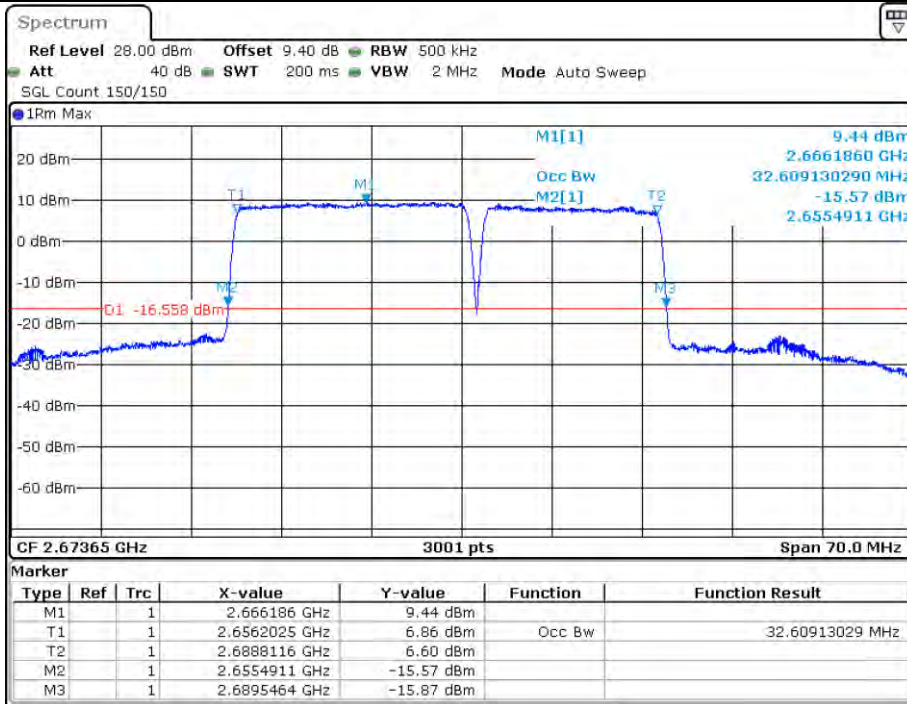
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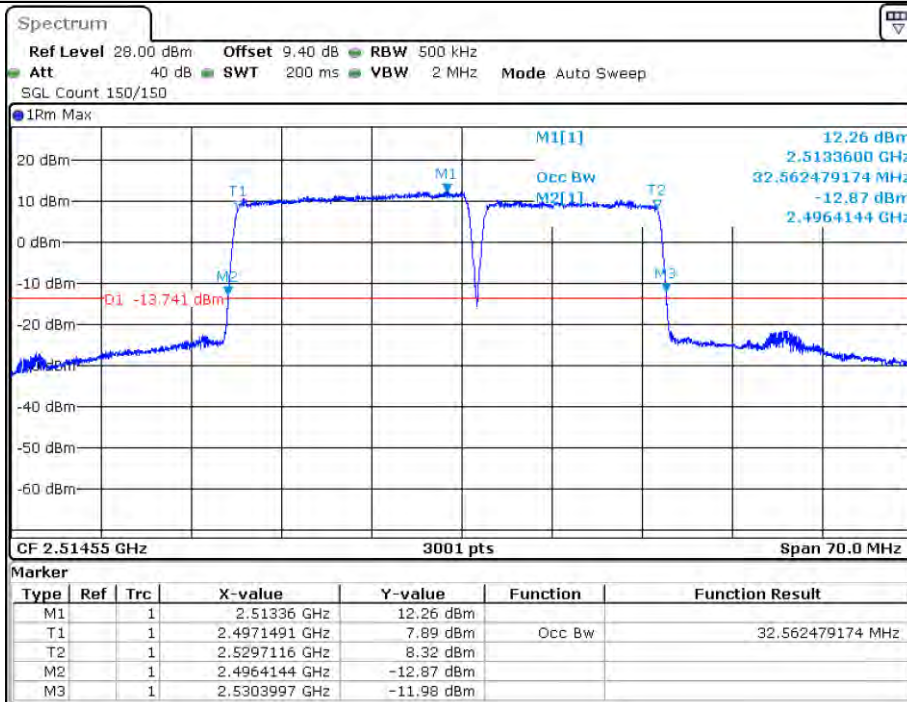


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