



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.13	21.67	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.49	22.03	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.80	21.34	33	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.33	20.87	33	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.25	20.79	33	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.11	20.65	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.25	20.79	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.77	21.31	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.92	21.46	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.37	21.91	33	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.09	20.63	33	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.07	20.61	33	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.83	20.37	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.92	20.46	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.68	22.22	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.23	21.77	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.00	21.54	33	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.25	20.79	33	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.38	20.92	33	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.45	20.99	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.35	20.89	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.30	19.84	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.35	19.89	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.80	20.34	33	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.33	19.87	33	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.31	19.85	33	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.38	19.92	33	PASS



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Band7	5MHz	64QAM	20775	25RB#0	20.30	19.84	33	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.36	19.90	33	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.36	19.90	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.36	19.90	33	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.30	19.84	33	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.34	19.88	33	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.38	19.92	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.35	19.89	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.32	19.86	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.79	20.33	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.30	19.84	33	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.38	19.92	33	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.30	19.84	33	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.30	19.84	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.37	19.91	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.78	20.32	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.70	20.24	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.23	20.77	33	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.37	19.91	33	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.30	19.84	33	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.38	19.92	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.35	19.89	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.73	20.27	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.02	20.56	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.51	20.05	33	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.36	19.90	33	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.30	19.84	33	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.38	19.92	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.39	19.93	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.84	20.38	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.88	20.42	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.34	20.88	33	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.41	19.95	33	PASS



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Band7	5MHz	16QAM	21425	12RB#6	20.43	19.97	33	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.37	19.91	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.39	19.93	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.75	21.29	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.54	22.08	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.03	21.57	33	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.36	20.90	33	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.31	20.85	33	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.99	20.53	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.17	20.71	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.52	22.06	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.66	21.20	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.00	21.54	33	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.90	20.44	33	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.16	20.70	33	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.07	20.61	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.03	20.57	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.88	21.42	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.83	22.37	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.21	21.75	33	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.17	20.71	33	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.41	20.95	33	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.47	21.01	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.30	20.84	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.97	20.51	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.37	19.91	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.39	19.93	33	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.34	19.88	33	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.32	19.86	33	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.34	19.88	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.33	19.87	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.31	19.85	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.30	19.84	33	PASS



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Band7	10MHz	64QAM	21100	1RB#24	20.42	19.96	33	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.31	19.85	33	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.31	19.85	33	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.33	19.87	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.30	19.84	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.38	19.92	33	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.37	19.91	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.92	20.46	33	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.32	19.86	33	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.36	19.90	33	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.34	19.88	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.33	19.87	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.85	20.39	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.99	20.53	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.69	20.23	33	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.37	19.91	33	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.33	19.87	33	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.35	19.89	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.38	19.92	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.82	20.36	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.64	20.18	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.74	20.28	33	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.14	19.68	33	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.37	19.91	33	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.34	19.88	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.35	19.89	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.94	20.48	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.98	20.52	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.85	21.39	33	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.39	19.93	33	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.65	20.19	33	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.34	19.88	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.42	19.96	33	PASS



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Band7	15MHz	QPSK	20825	1RB#74	21.71	21.25	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.37	21.91	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.09	21.63	33	PASS
Band7	15MHz	QPSK	20825	36RB#39	20.97	20.51	33	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.23	20.77	33	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.31	20.85	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.15	20.69	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.93	21.47	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.58	22.12	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.59	21.13	33	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.14	20.68	33	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.08	20.62	33	PASS
Band7	15MHz	QPSK	21100	36RB#39	20.82	20.36	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.01	20.55	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.15	21.69	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.63	22.17	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.95	21.49	33	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.31	20.85	33	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.33	20.87	33	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.12	20.66	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.25	20.79	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.388	19.93	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.97	20.51	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.34	19.88	33	PASS
Band7	15MHz	64QAM	20825	36RB#0	20.30	19.84	33	PASS
Band7	15MHz	64QAM	20825	36RB#18	20.34	19.88	33	PASS
Band7	15MHz	64QAM	20825	36RB#39	20.32	19.86	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.30	19.84	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.48	20.02	33	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.36	19.90	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.30	19.84	33	PASS
Band7	15MHz	64QAM	21100	36RB#39	20.36	19.90	33	PASS
Band7	15MHz	64QAM	21100	36RB#0	20.32	19.86	33	PASS



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Band7	15MHz	64QAM	21100	36RB#18	20.30	19.84	33	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.34	19.88	33	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.39	19.93	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.17	20.71	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.31	19.85	33	PASS
Band7	15MHz	64QAM	21375	36RB#18	20.33	19.87	33	PASS
Band7	15MHz	64QAM	21375	36RB#0	20.31	19.85	33	PASS
Band7	15MHz	64QAM	21375	36RB#39	20.39	19.93	33	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.38	19.92	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.68	20.22	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.97	20.51	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.71	20.25	33	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.35	19.89	33	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.39	19.93	33	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.31	19.85	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.36	19.90	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.65	20.19	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.33	19.87	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.70	20.24	33	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.38	19.92	33	PASS
Band7	15MHz	16QAM	21100	36RB#18	20.38	19.92	33	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.39	19.93	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.32	19.86	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.97	20.51	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.85	20.39	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.90	20.44	33	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.37	19.91	33	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.30	19.84	33	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.38	19.92	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.39	19.93	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.10	21.64	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.67	22.21	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.81	21.35	33	PASS



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Band7	20MHz	QPSK	20850	50RB#25	21.22	20.76	33	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.30	20.84	33	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.00	20.54	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.08	20.62	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.06	21.60	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.57	21.11	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.29	21.83	33	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.37	20.91	33	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.06	20.60	33	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.84	20.38	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.01	20.55	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.91	22.45	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.03	21.57	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.92	21.46	33	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.30	20.84	33	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.69	21.23	33	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.03	20.57	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.26	20.80	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.34	19.88	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.88	20.42	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.33	19.87	33	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.38	19.92	33	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.32	19.86	33	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.34	19.88	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.37	19.91	33	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.35	19.89	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.76	20.30	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.30	19.84	33	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.36	19.90	33	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.39	19.93	33	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.31	19.85	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.37	19.91	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.32	19.86	33	PASS



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Band7	20MHz	64QAM	21350	1RB#0	20.33	19.87	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	20.72	20.26	33	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.31	19.85	33	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.30	19.84	33	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.32	19.86	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.31	19.85	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.45	19.99	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.89	20.43	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.60	20.14	33	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.39	19.93	33	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.37	19.91	33	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.39	19.93	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.36	19.90	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.84	20.38	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.34	19.88	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.80	20.34	33	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.33	19.87	33	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.34	19.88	33	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.36	19.90	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.36	19.90	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.49	20.03	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.85	20.39	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.86	20.40	33	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.35	19.89	33	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.32	19.86	33	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.37	19.91	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.39	19.93	33	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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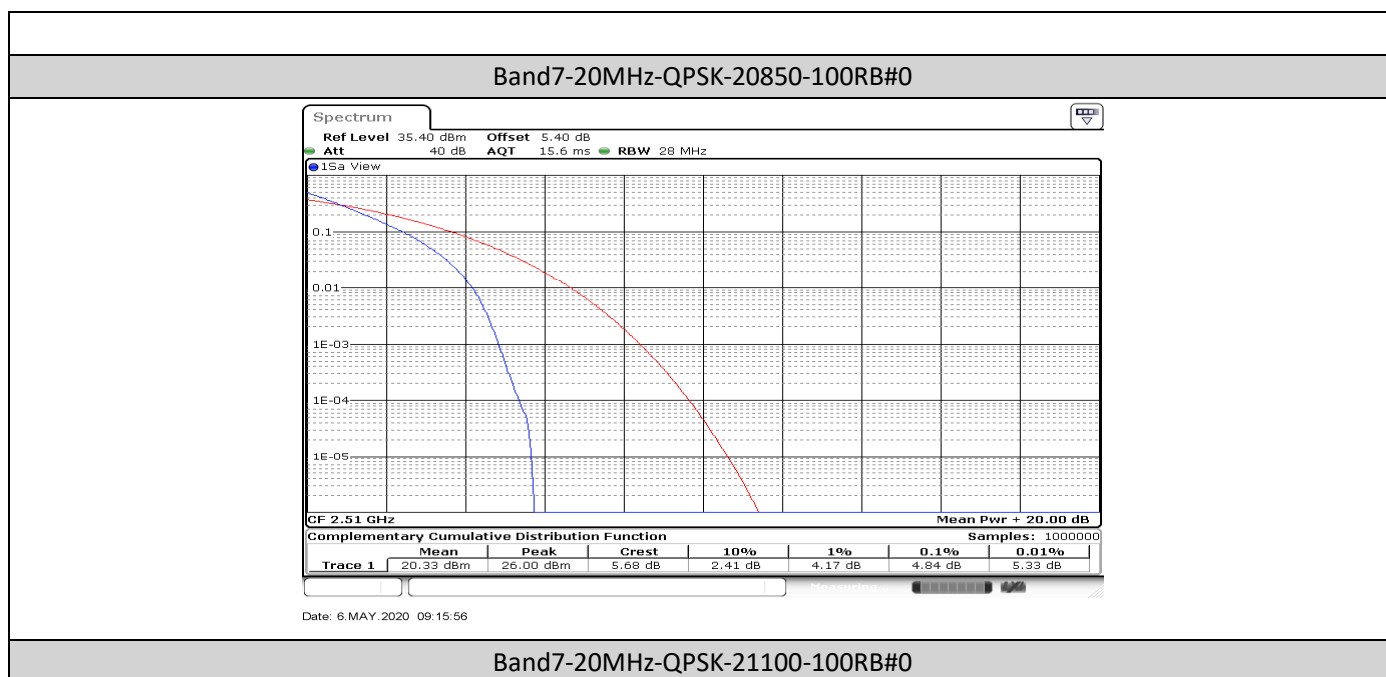


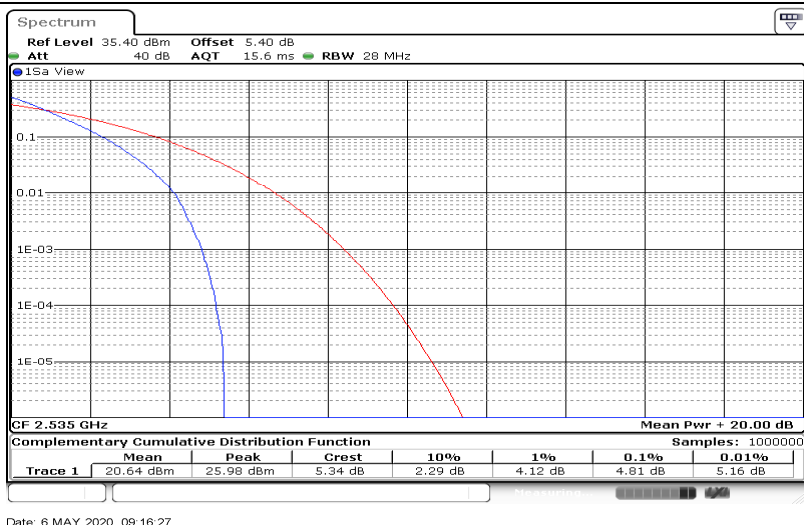
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.84	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.81	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.87	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.14	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.06	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.26	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.71	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.54	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.80	13	PASS

2.2. Test Plots



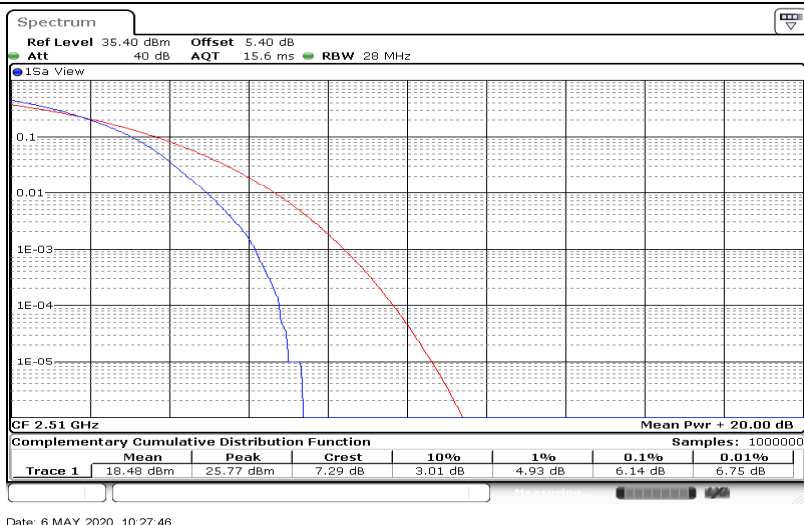


Band7-20MHz-QPSK-21350-100RB#0

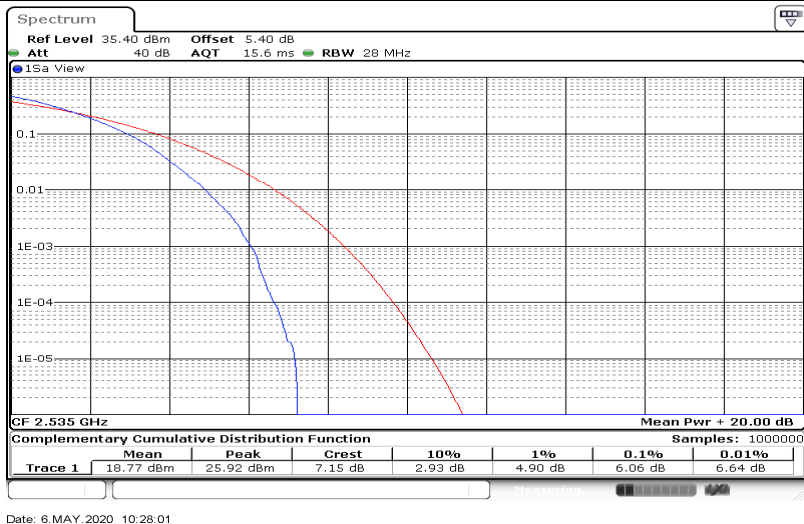


Band7-20MHz-64QAM-20850-100RB#0





Band7-20MHz-64QAM-21100-100RB#0

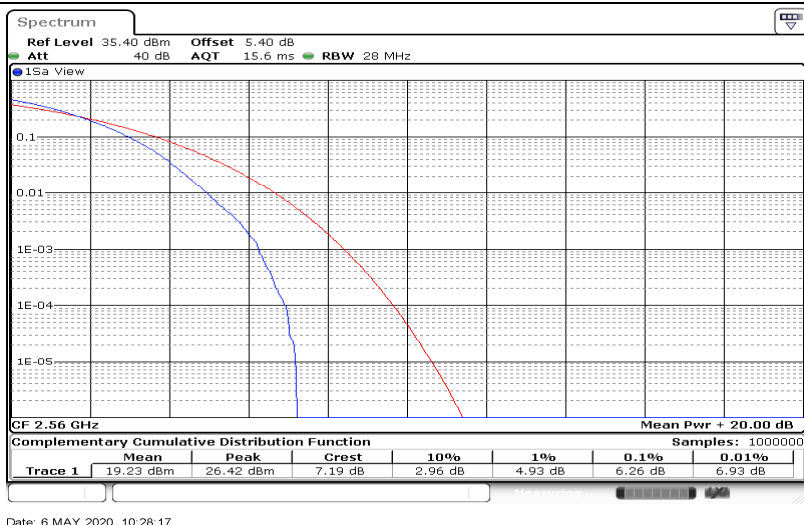


Band7-20MHz-64QAM-21350-100RB#0

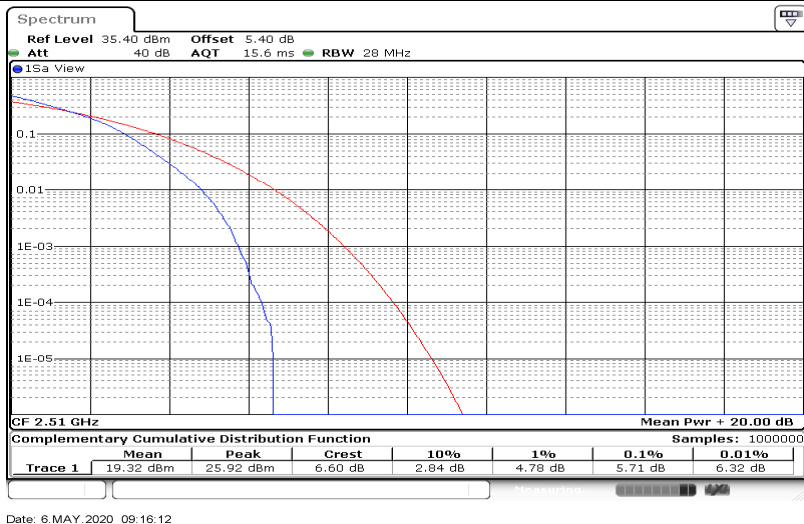


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Band7-20MHz-16QAM-20850-100RB#0

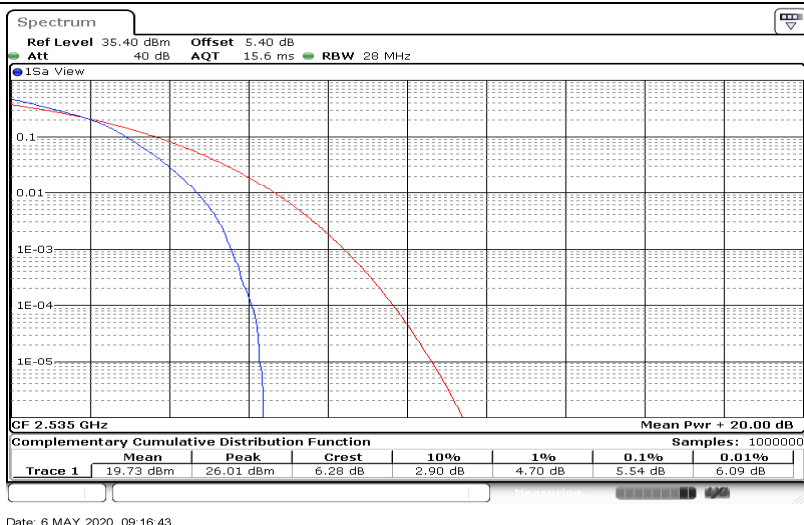


Band7-20MHz-16QAM-21100-100RB#0

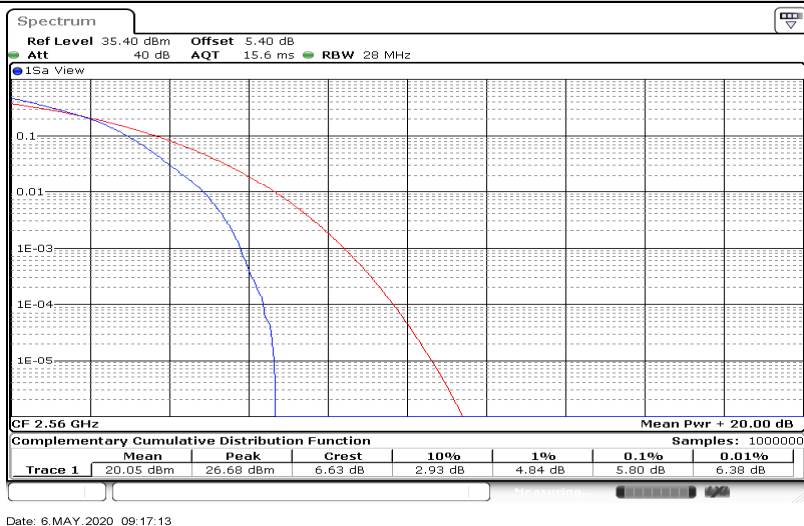


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Band7-20MHz-16QAM-21350-100RB#0

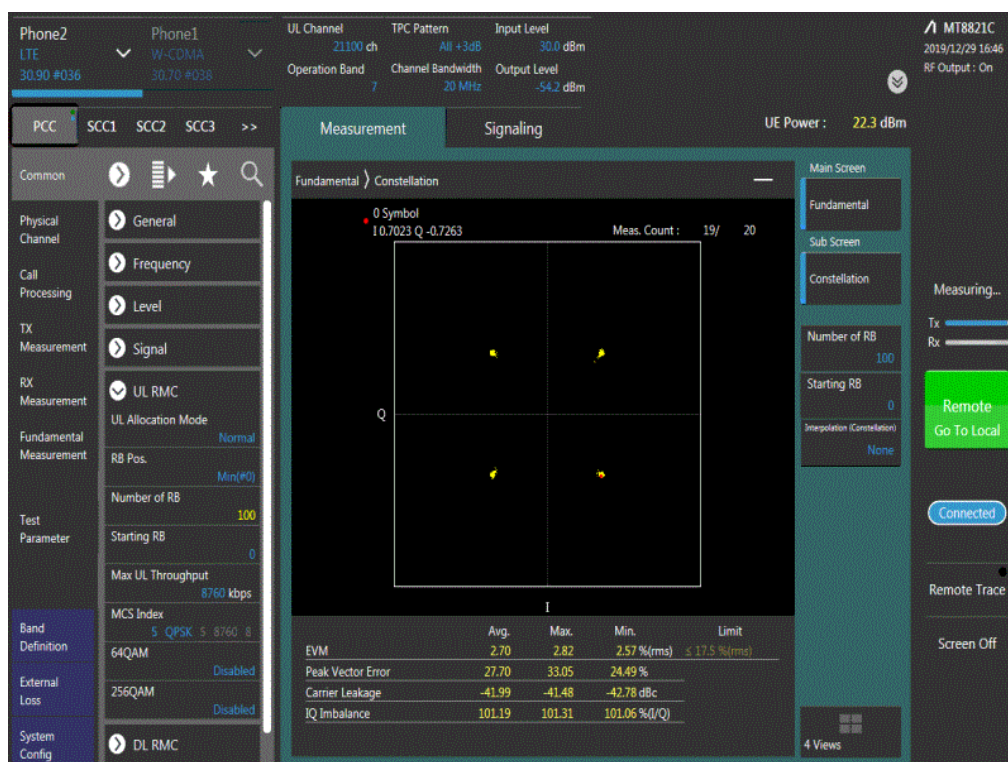


3. Modulation Characteristics

3.1. Test Band = LTE Band 7

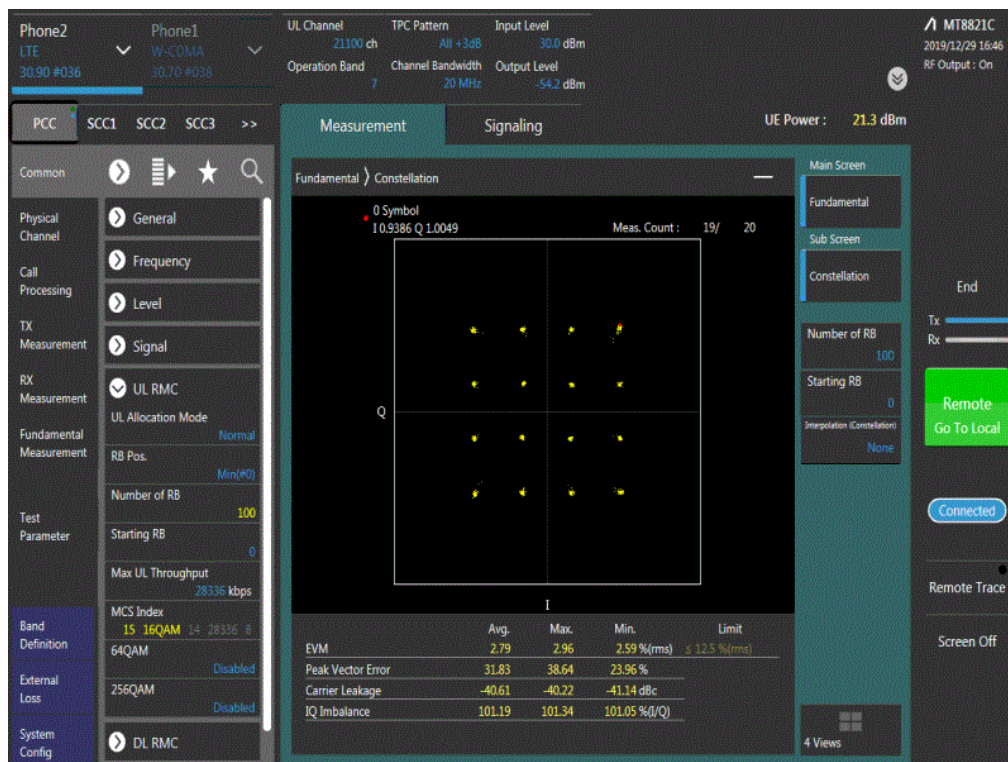
3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



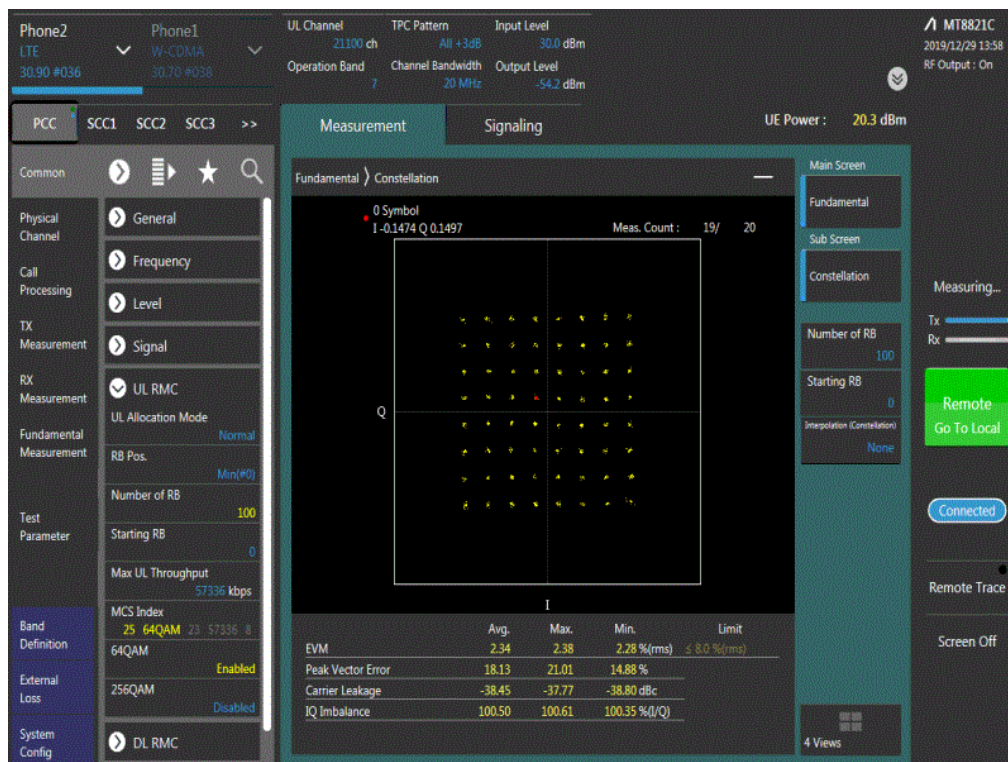
3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.466	4.910	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.466	4.900	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.910	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.970	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.466	4.970	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.466	4.960	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.970	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	4.950	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.970	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.911	9.720	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.911	9.700	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.911	9.700	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.760	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.780	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.911	9.800	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.780	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.720	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.911	9.760	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.427	14.730	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.427	14.790	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.427	14.820	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.397	14.700	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.730	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.427	14.700	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.427	14.790	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	14.760	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.790	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	19.240	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.862	19.480	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.822	19.400	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.822	19.320	PASS



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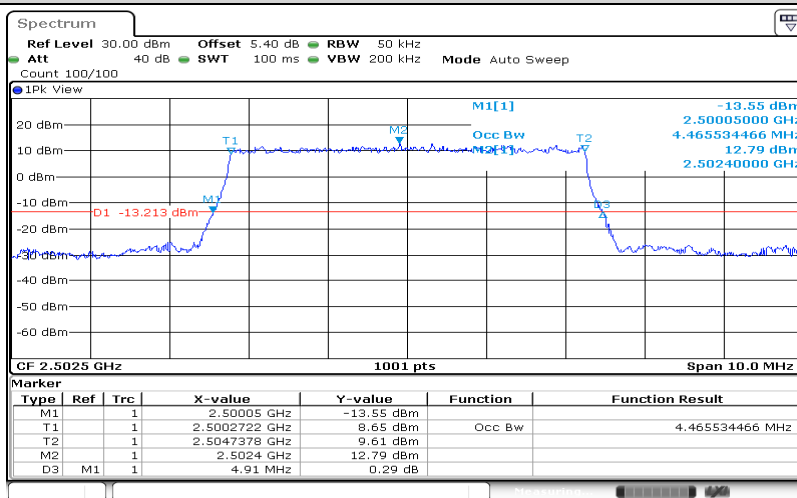
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Band7	20MHz	64QAM	21100	100RB#0	17.862	19.440	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.822	19.400	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.822	19.280	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.862	19.440	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.400	PASS

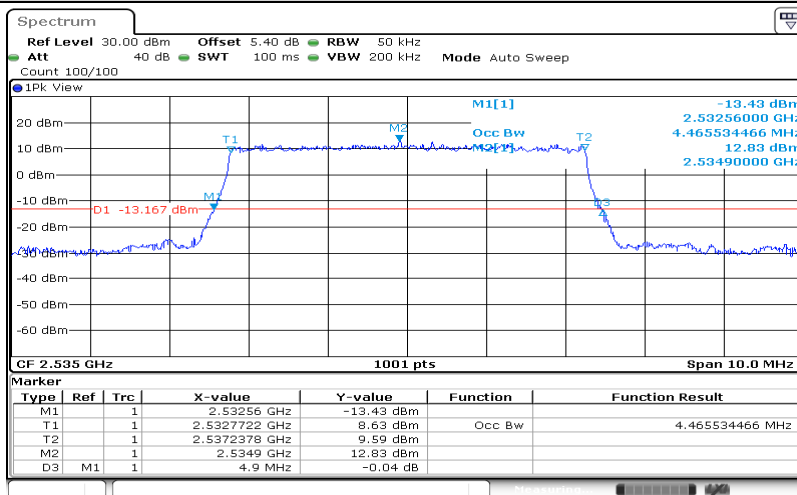
4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.466



Date: 5 APR 2020 05:38:52

Band7-5MHz-QPSK-21100-25RB#0-4.466



Date: 5 APR 2020 05:39:51

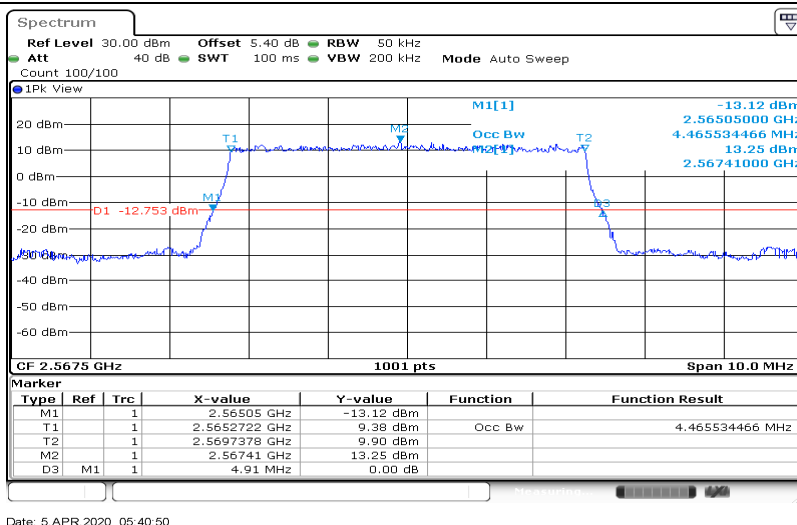
Band7-5MHz-QPSK-21425-25RB#0-4.466



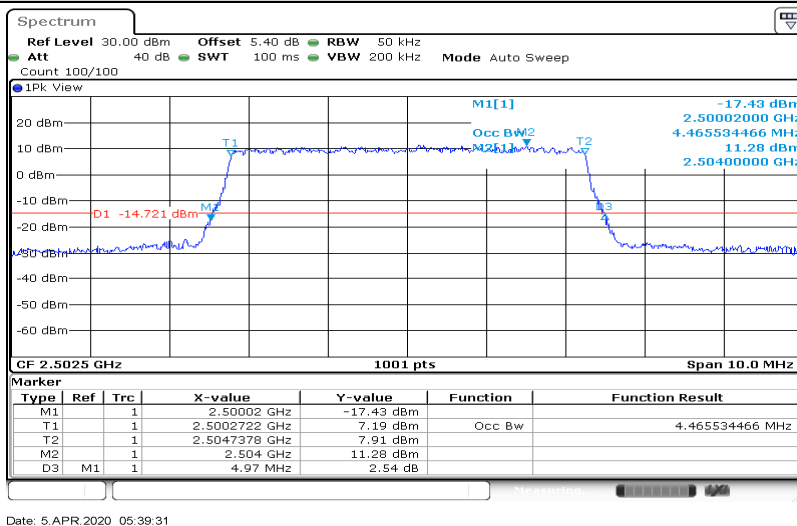
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CCC Laboratory)

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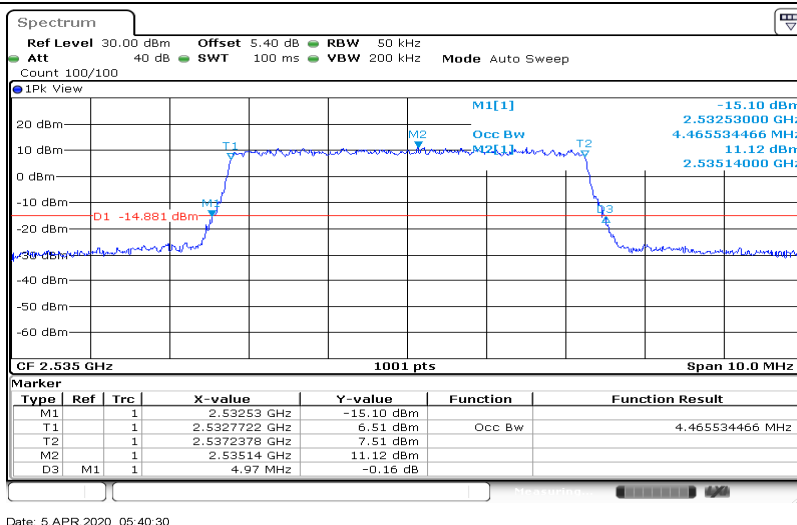


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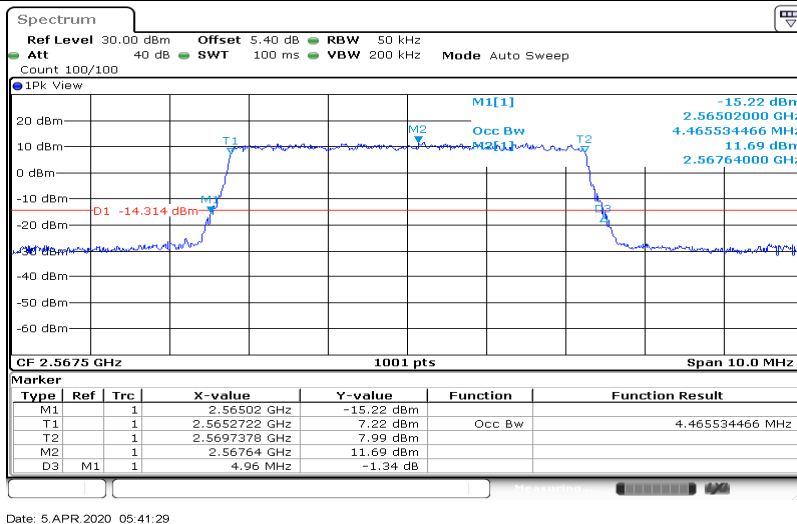


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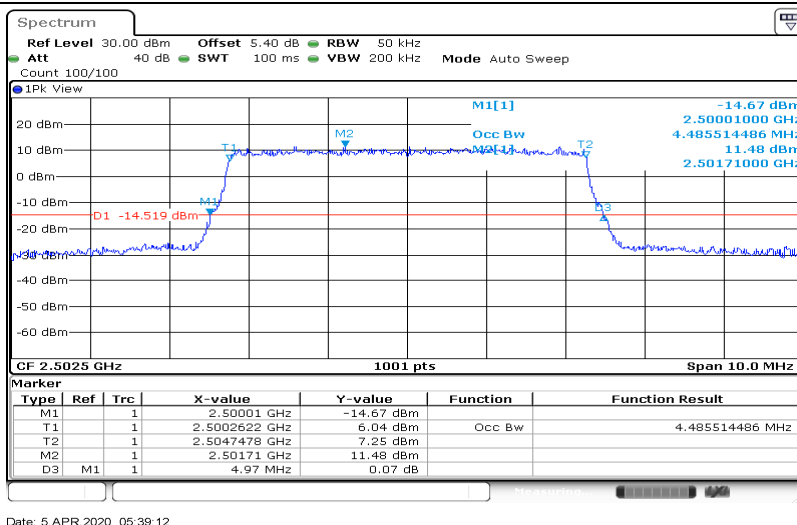


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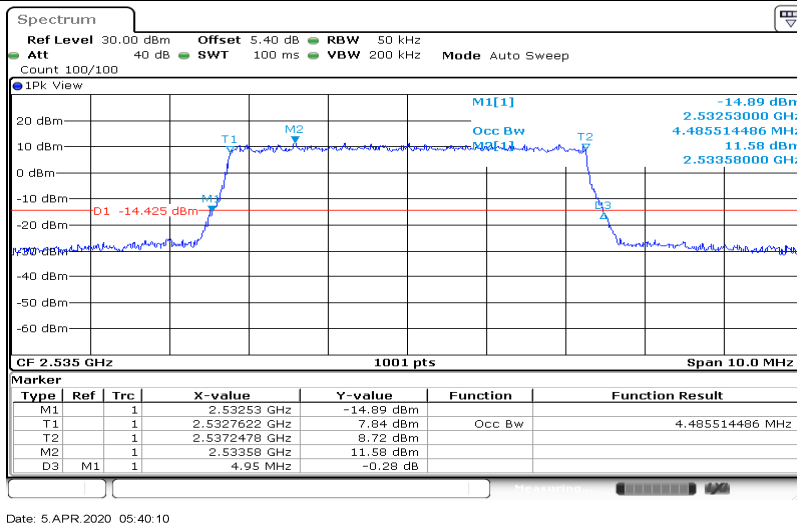


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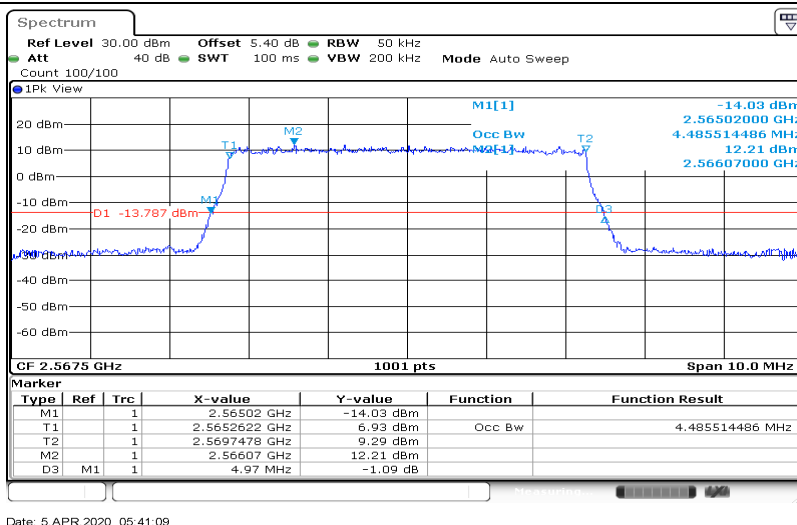


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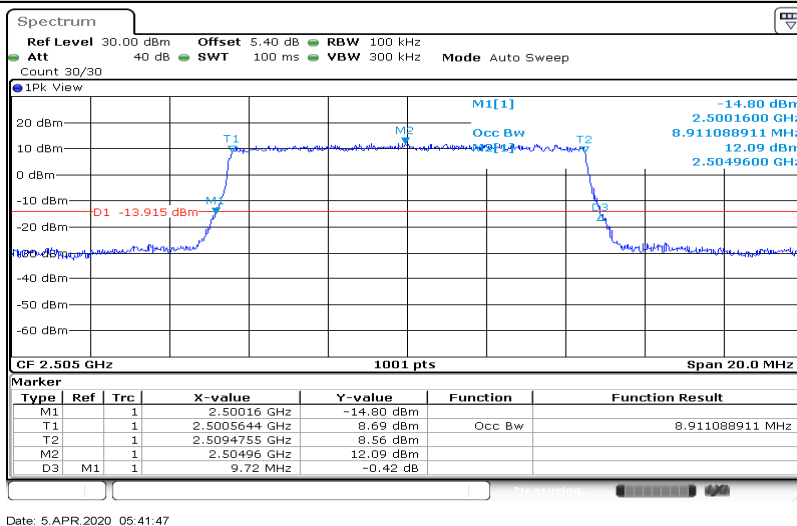


Band7-5MHz-16QAM-21425-25RB#0-4.486



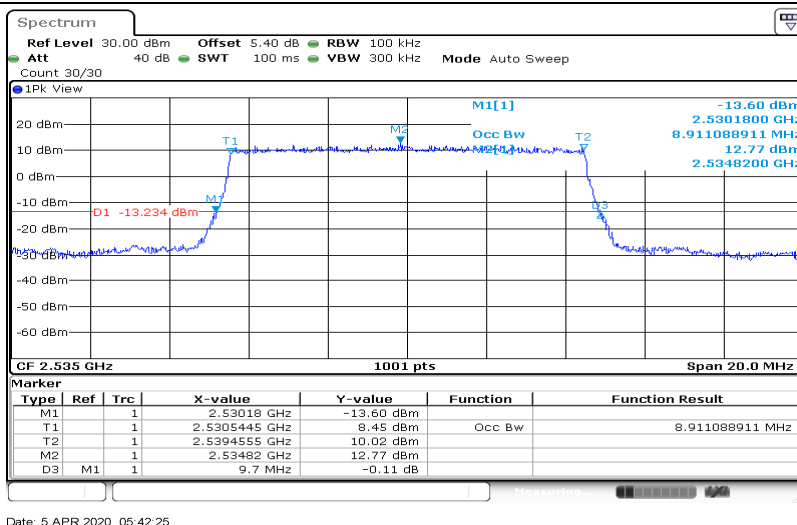


Band7-10MHz-QPSK-20800-50RB#0-8.911

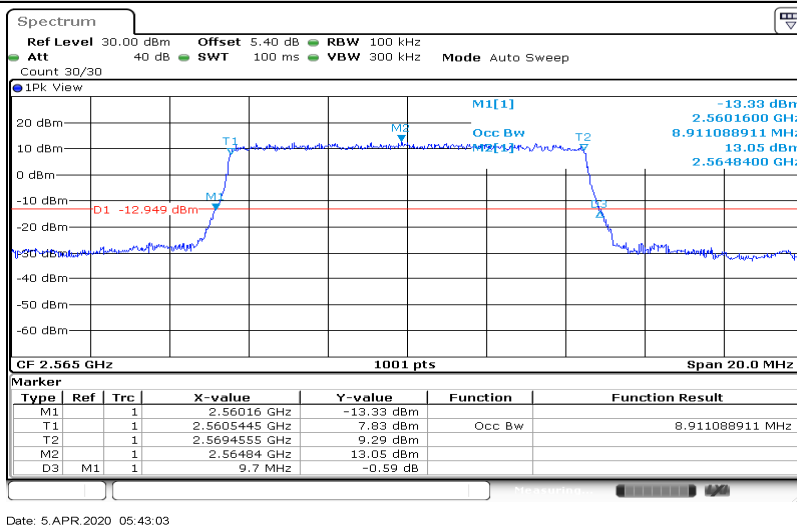


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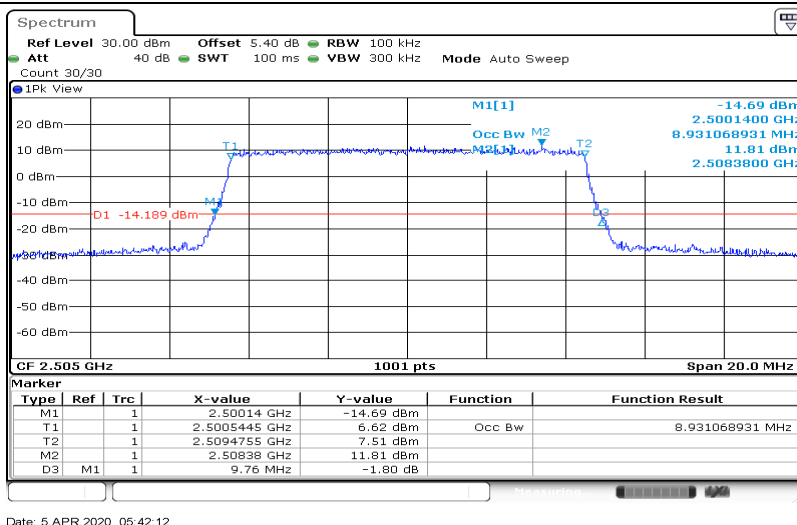


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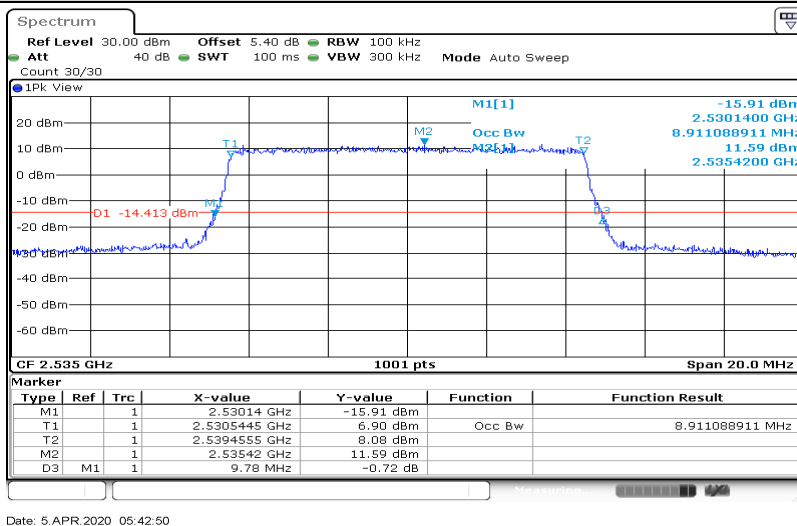


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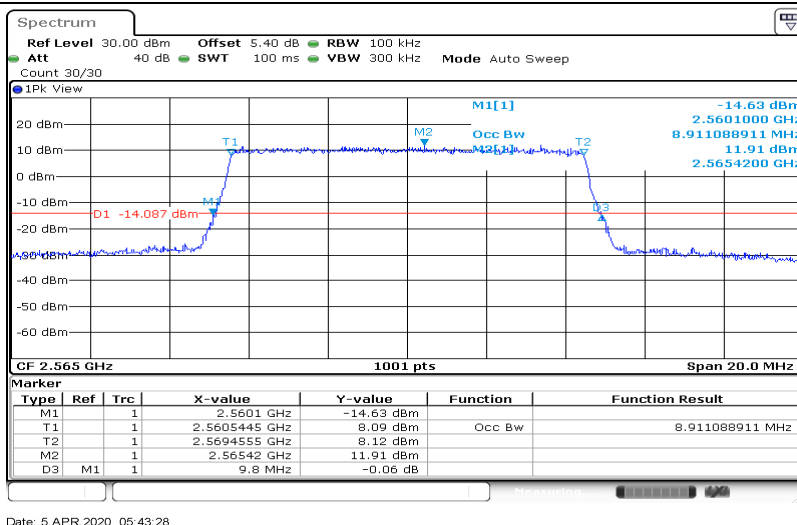


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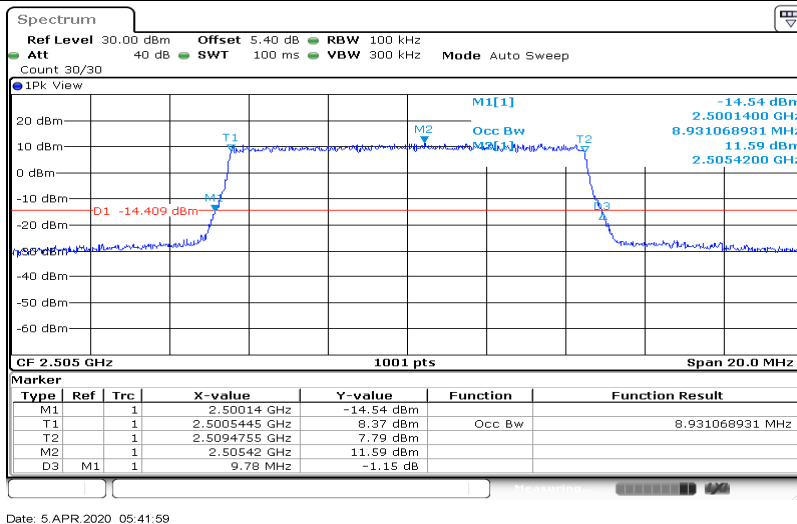


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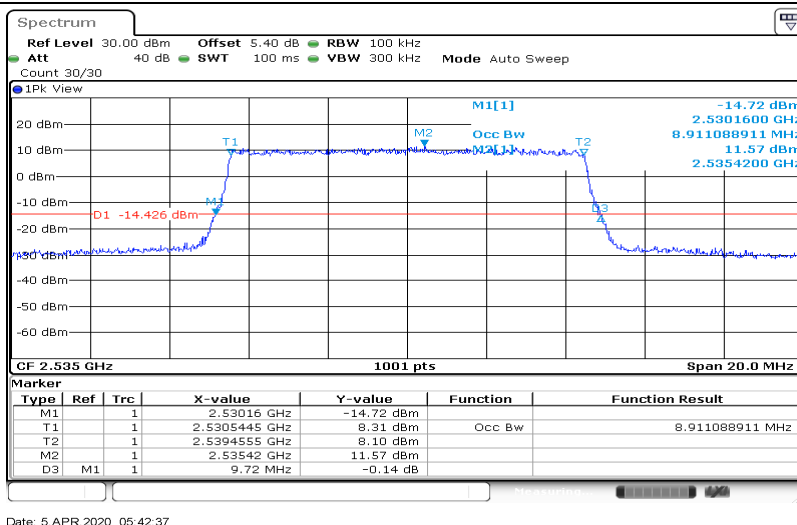


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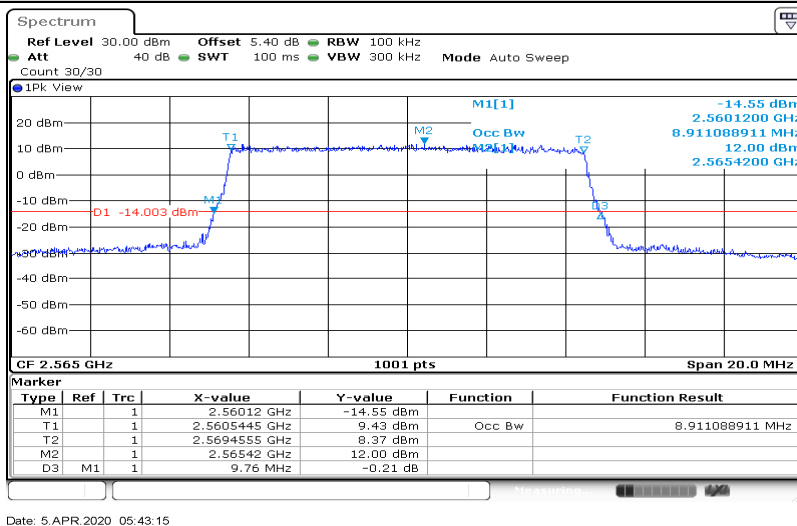


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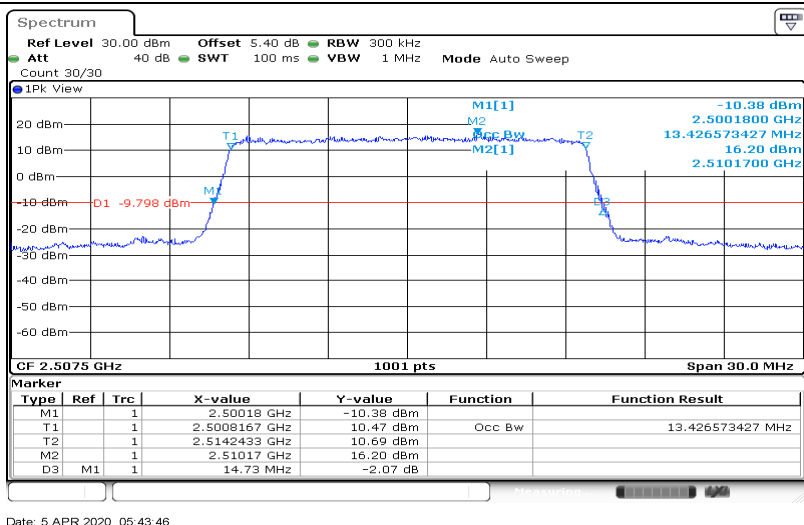


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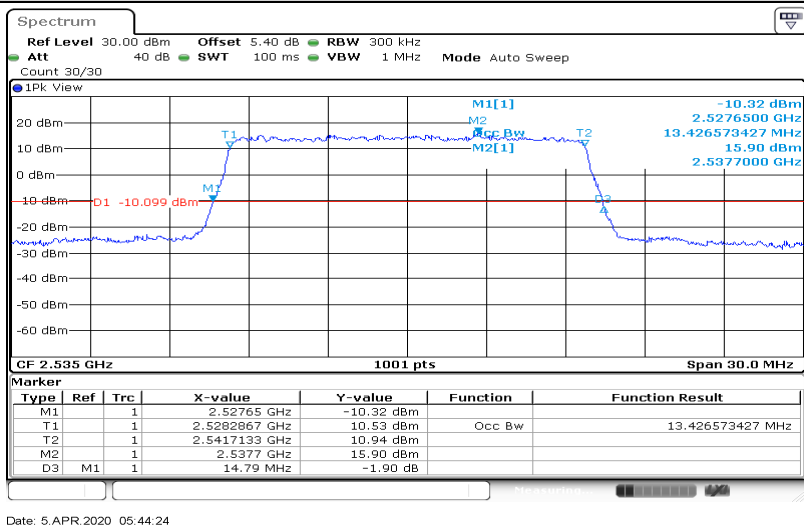


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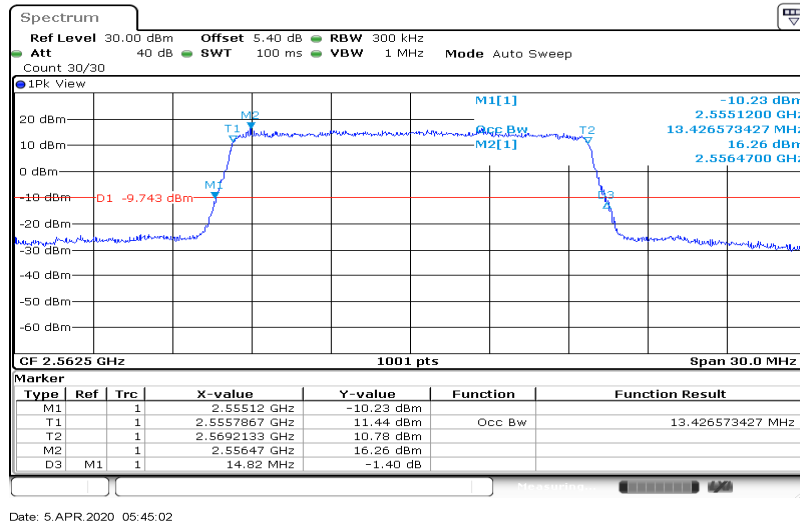


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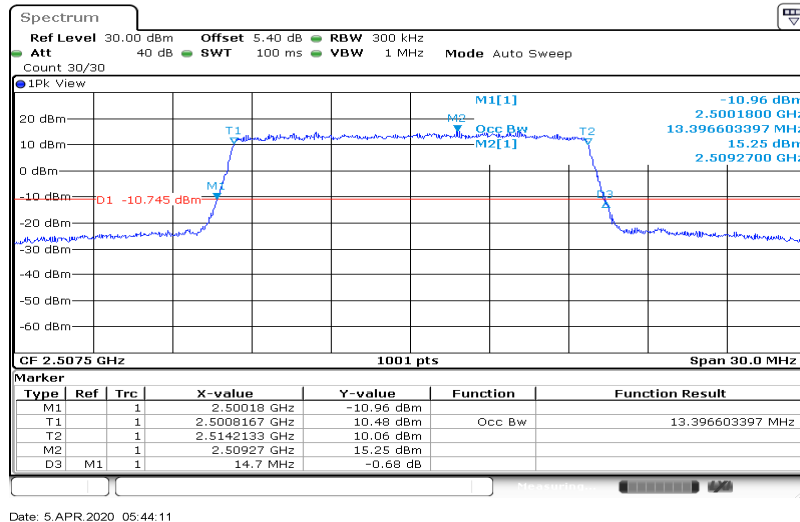


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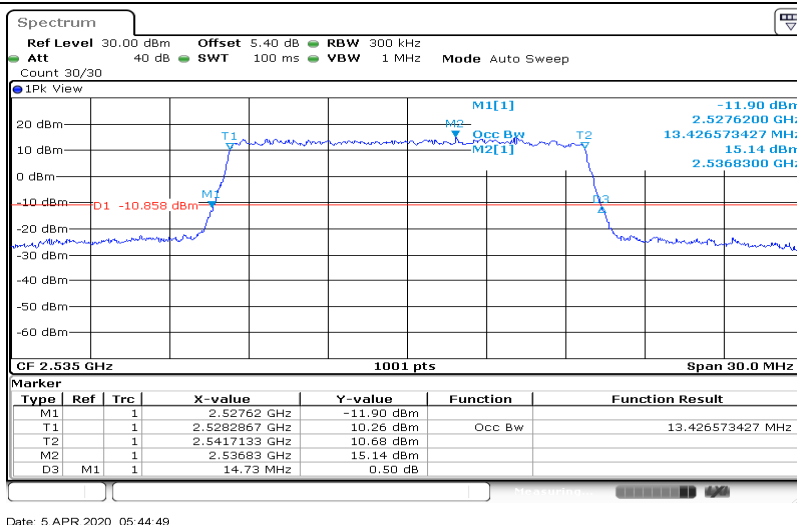


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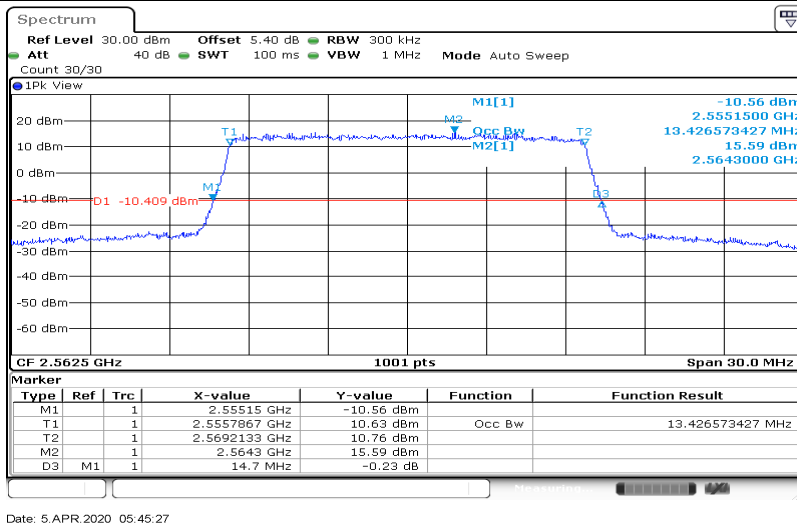


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Band7-15MHz-64QAM-21375-75RB#0-13.427

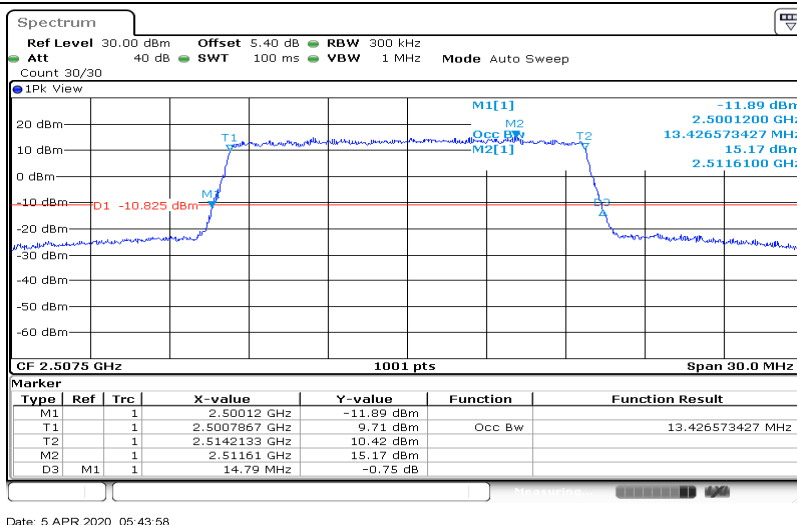


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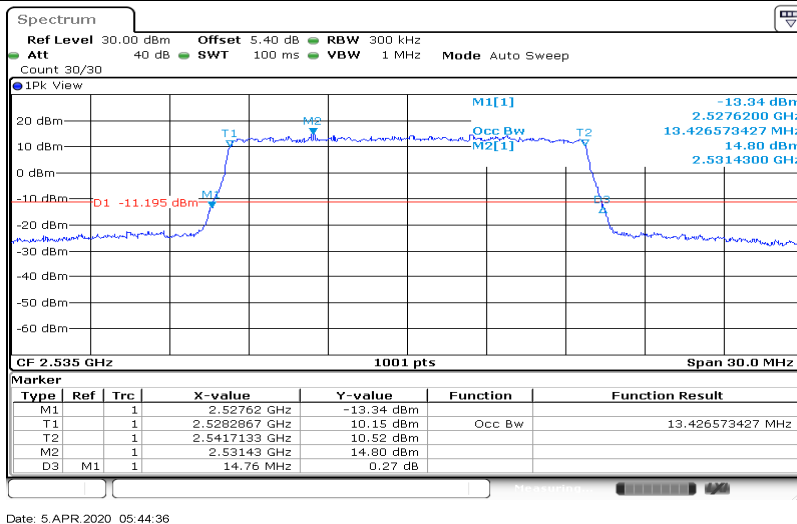


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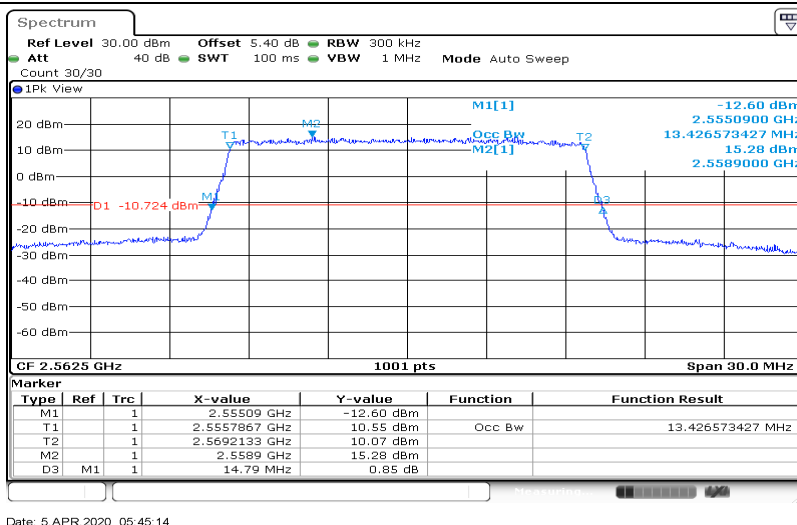


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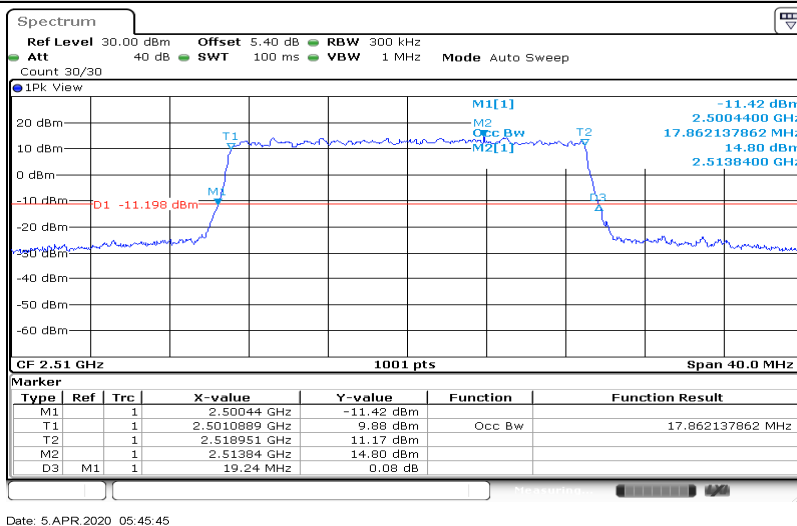


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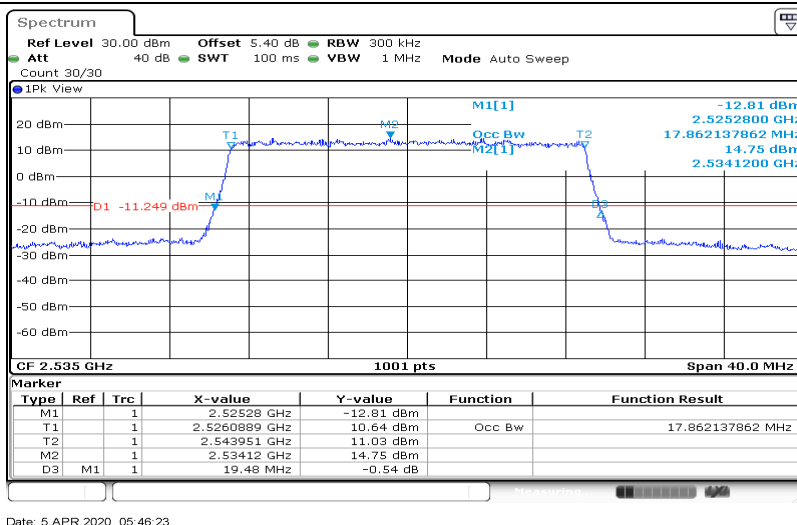


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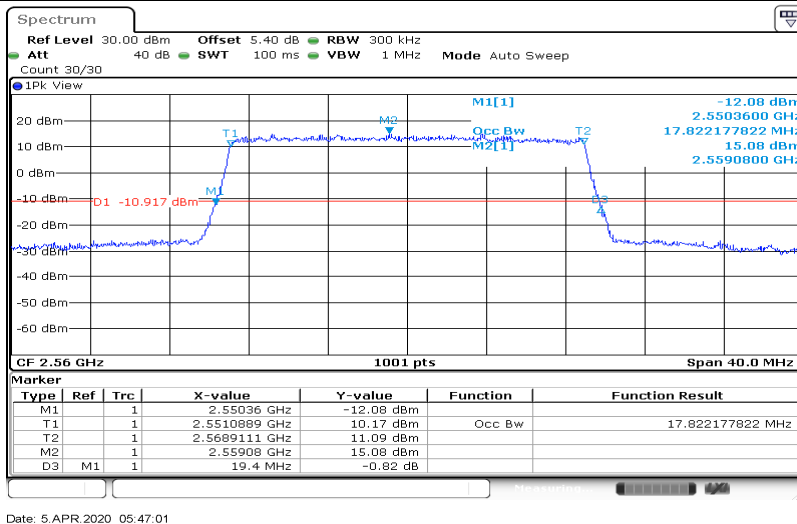


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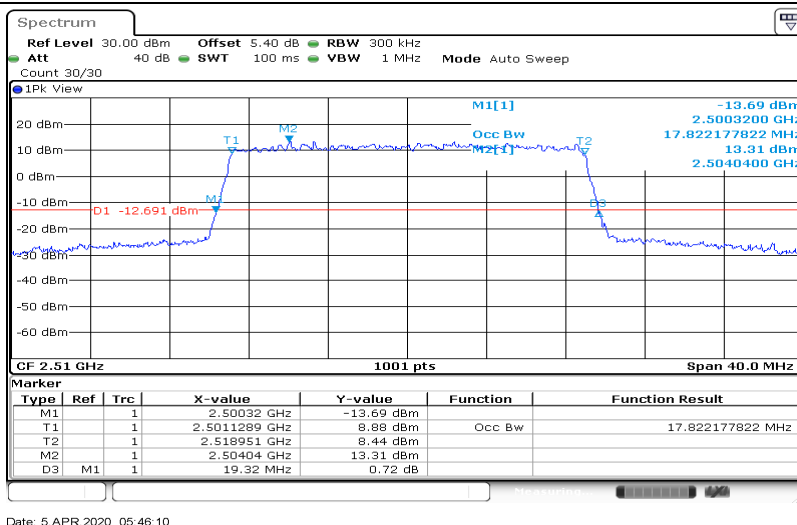


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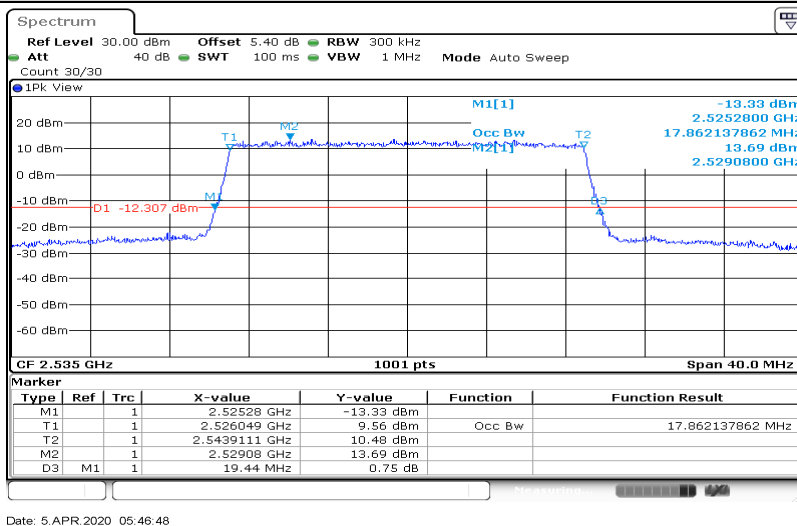


Band7-20MHz-64QAM-20850-100RB#0-17.822





Band7-20MHz-64QAM-21100-100RB#0-17.862

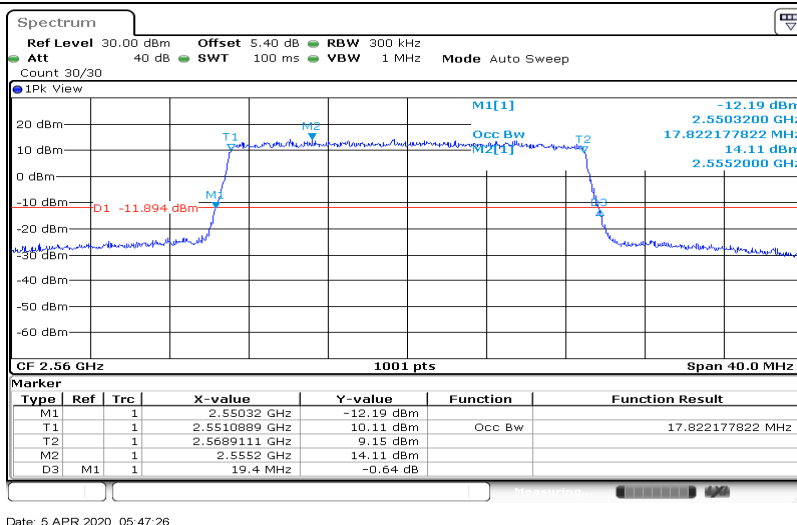


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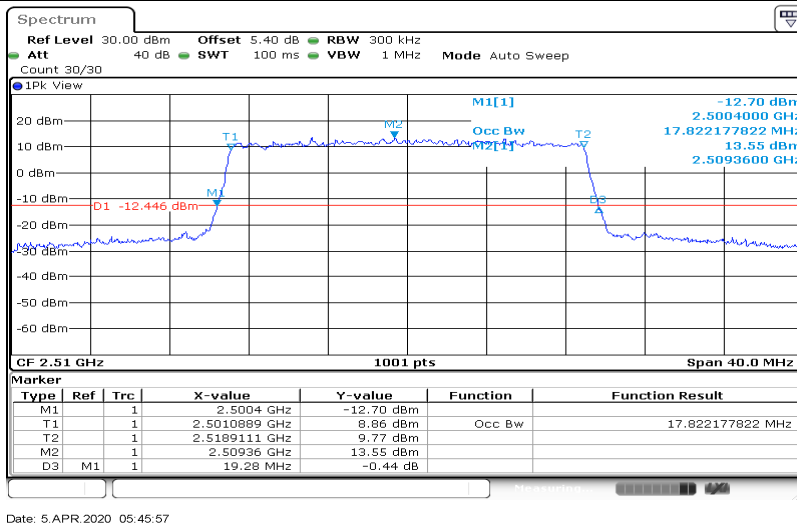


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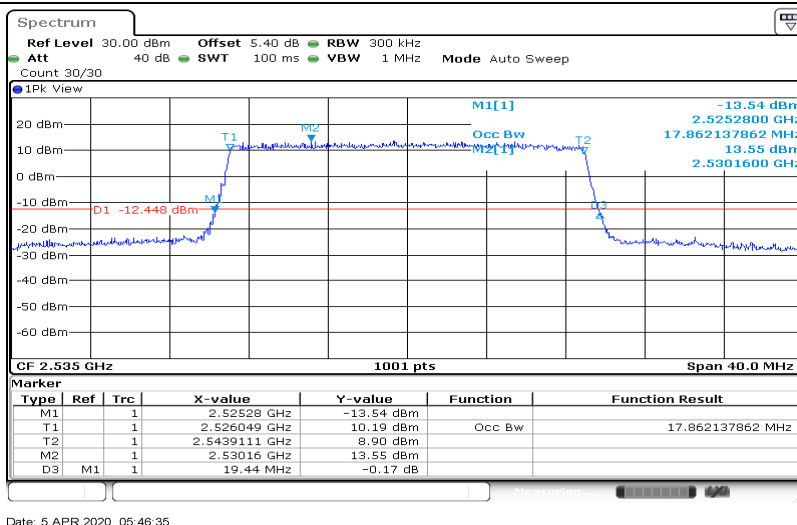


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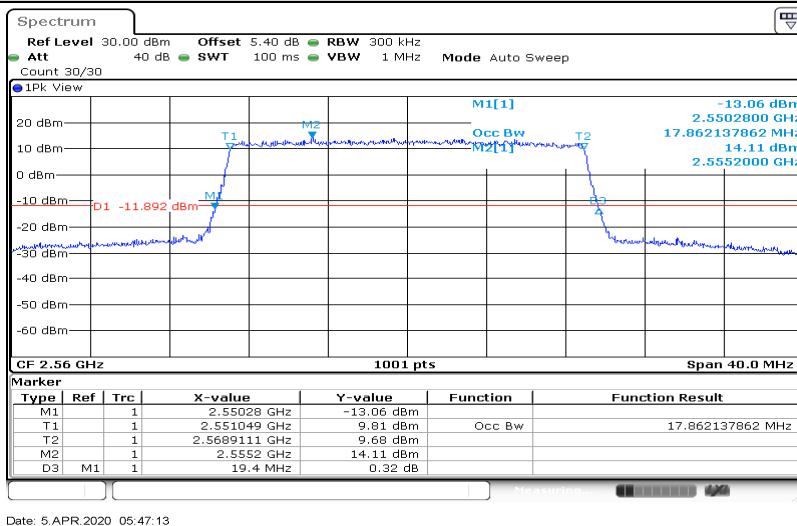


Band7-20MHz-16QAM-21100-100RB#0-17.862





Band7-20MHz-16QAM-21350-100RB#0-17.862





5. Band Edge Compliance

5.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-54.55,-44.74,-17.14	PASS
Band7	5MHz	QPSK	20775	25RB#0	-52.73,-39.49,-27.58	PASS
Band7	5MHz	QPSK	21425	1RB#24	-50.73,-53.11,-16.88	PASS
Band7	5MHz	QPSK	21425	25RB#0	-44.79,-44.75,-27.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	-54.57,-48.71,-19.52	PASS
Band7	5MHz	64QAM	20775	25RB#0	-53.68,-42.27,-28.63	PASS
Band7	5MHz	64QAM	21425	1RB#24	-53.01,-53.52,-17.96	PASS
Band7	5MHz	64QAM	21425	25RB#0	-47.39,-45.09,-28.65	PASS
Band7	5MHz	16QAM	20775	1RB#0	-54.53,-47.79,-18.84	PASS
Band7	5MHz	16QAM	20775	25RB#0	-53.17,-41.43,-27.39	PASS
Band7	5MHz	16QAM	21425	1RB#24	-52.73,-53.49,-17.70	PASS
Band7	5MHz	16QAM	21425	25RB#0	-45.69,-43.83,-27.14	PASS
Band7	10MHz	QPSK	20800	1RB#0	-51.12,-44.68,-25.83	PASS
Band7	10MHz	QPSK	20800	50RB#0	-46.19,-36.87,-29.63	PASS
Band7	10MHz	QPSK	21400	1RB#49	-51.24,-47.68,-25.19	PASS
Band7	10MHz	QPSK	21400	50RB#0	-44.86,-38.10,-29.64	PASS
Band7	10MHz	64QAM	20800	1RB#0	-51.42,-46.86,-27.48	PASS
Band7	10MHz	64QAM	20800	50RB#0	-45.72,-36.71,-31.24	PASS
Band7	10MHz	64QAM	21400	1RB#49	-51.13,-49.32,-27.19	PASS
Band7	10MHz	64QAM	21400	50RB#0	-44.89,-38.28,-31.02	PASS
Band7	10MHz	16QAM	20800	1RB#0	-50.82,-46.04,-26.28	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.05,-36.35,-30.49	PASS
Band7	10MHz	16QAM	21400	1RB#49	-51.29,-47.69,-27.09	PASS
Band7	10MHz	16QAM	21400	50RB#0	-44.10,-38.03,-30.51	PASS
Band7	15MHz	QPSK	20825	1RB#0	-45.57,-46.03,-25.04	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.95,-36.50,-31.41	PASS
Band7	15MHz	QPSK	21375	1RB#74	-49.63,-46.90,-24.03	PASS
Band7	15MHz	QPSK	21375	75RB#0	-45.92,-37.71,-31.68	PASS
Band7	15MHz	64QAM	20825	1RB#0	-47.21,-46.73,-25.60	PASS
Band7	15MHz	64QAM	20825	75RB#0	-41.01,-35.33,-32.36	PASS
Band7	15MHz	64QAM	21375	1RB#74	-49.62,-48.24,-24.45	PASS
Band7	15MHz	64QAM	21375	75RB#0	-45.50,-36.69,-32.43	PASS



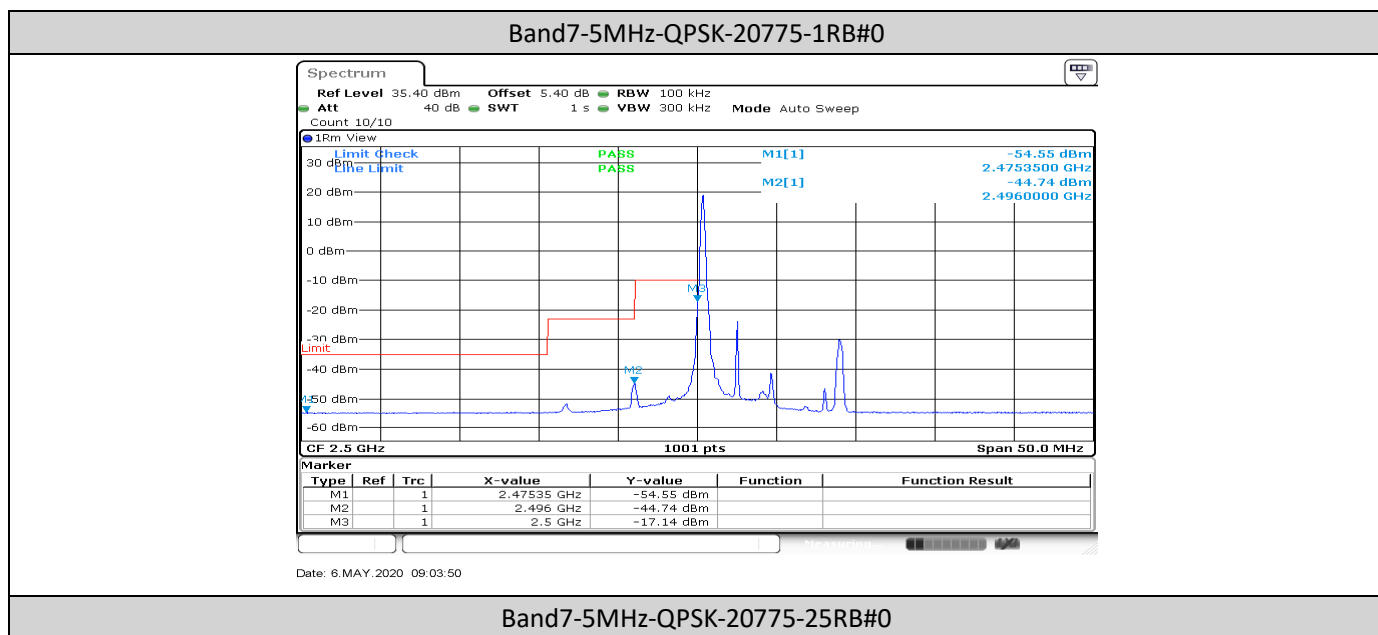
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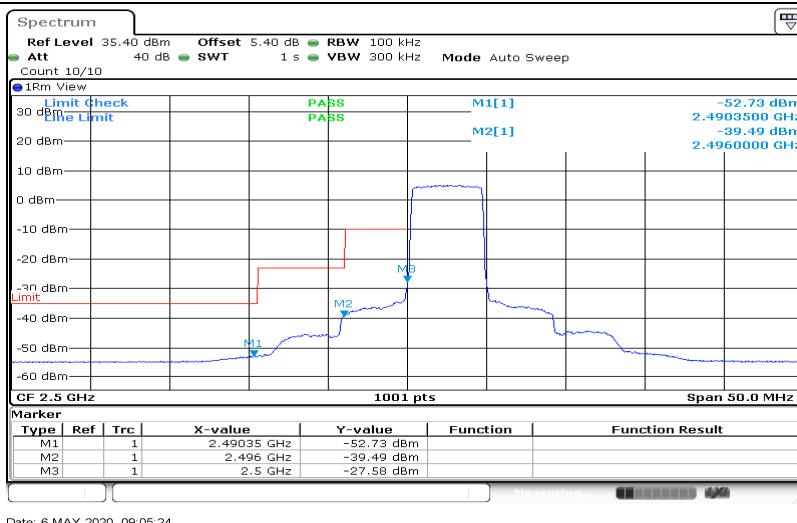
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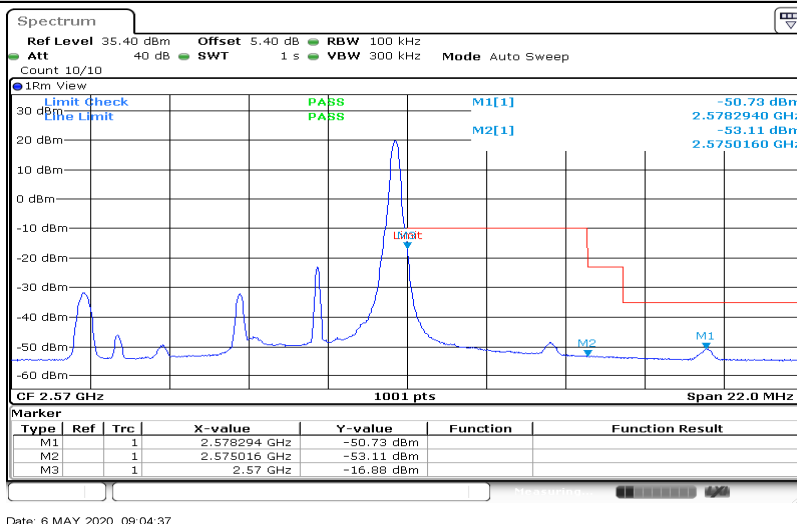
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Band7	15MHz	16QAM	20825	75RB#0	-40.49,-35.48,-31.84	PASS
Band7	15MHz	16QAM	21375	1RB#74	-49.62,-47.00,-24.13	PASS
Band7	15MHz	16QAM	21375	75RB#0	-45.01,-36.58,-31.65	PASS
Band7	20MHz	QPSK	20850	1RB#0	-46.44,-45.71,-22.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.37,-34.52,-30.36	PASS
Band7	20MHz	QPSK	21350	1RB#99	-47.55,-45.60,-22.53	PASS
Band7	20MHz	QPSK	21350	100RB#0	-46.69,-35.44,-30.82	PASS
Band7	20MHz	64QAM	20850	1RB#0	-47.12,-46.30,-24.53	PASS
Band7	20MHz	64QAM	20850	100RB#0	-37.82,-33.63,-31.36	PASS
Band7	20MHz	64QAM	21350	1RB#99	-47.54,-46.02,-23.62	PASS
Band7	20MHz	64QAM	21350	100RB#0	-46.52,-34.65,-31.99	PASS
Band7	20MHz	16QAM	20850	1RB#0	-46.71,-45.38,-23.29	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.49,-33.71,-30.93	PASS
Band7	20MHz	16QAM	21350	1RB#99	-47.53,-46.06,-24.78	PASS
Band7	20MHz	16QAM	21350	100RB#0	-46.27,-34.60,-31.15	PASS

5.2. Test Plots





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



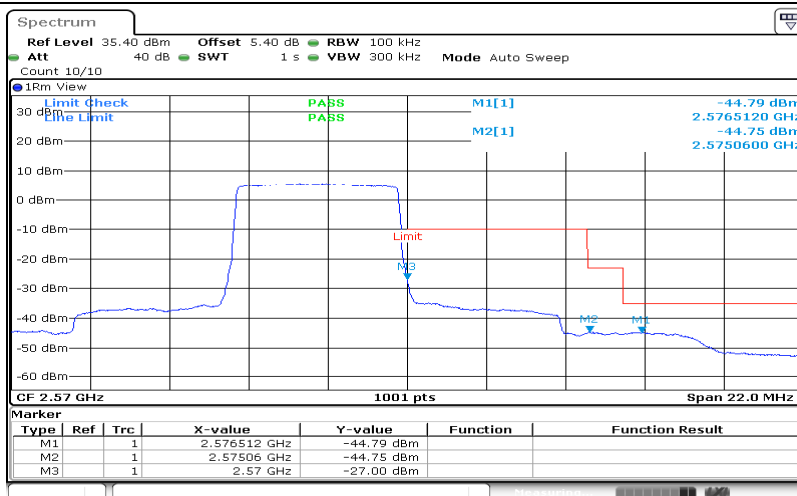
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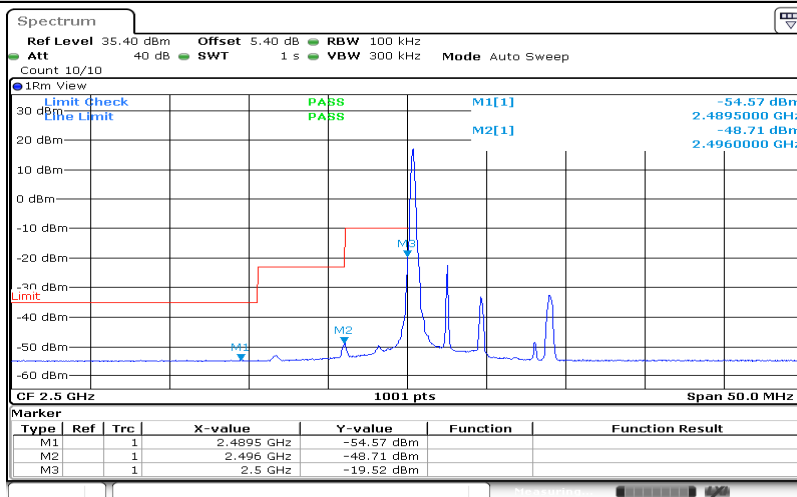
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Band7-5MHz-64QAM-20775-1RB#0

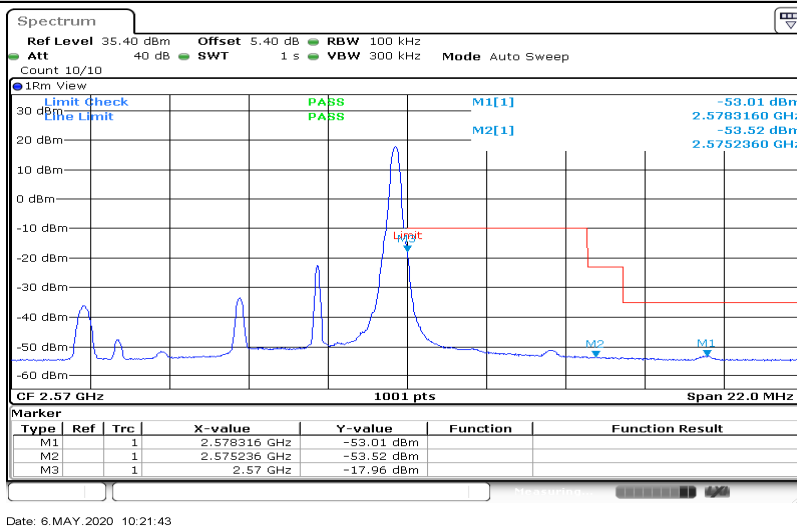


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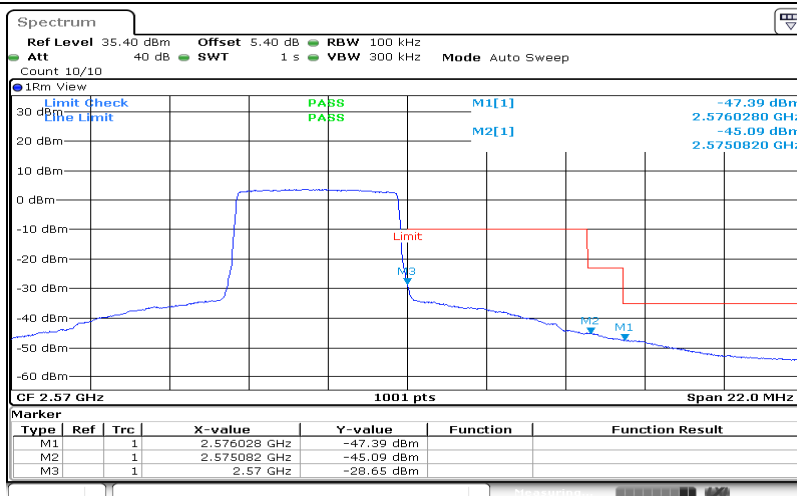


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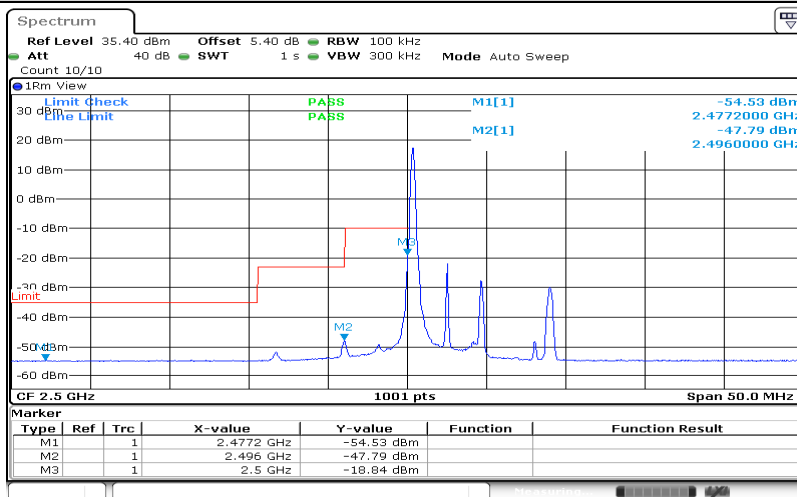


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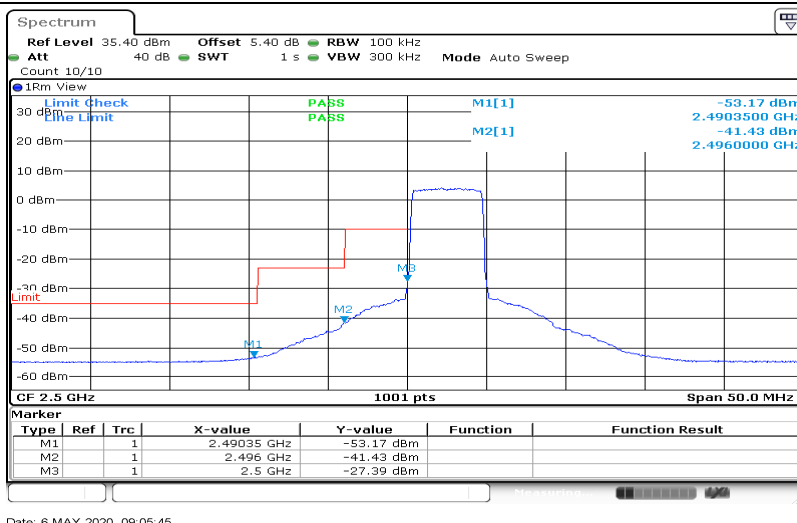


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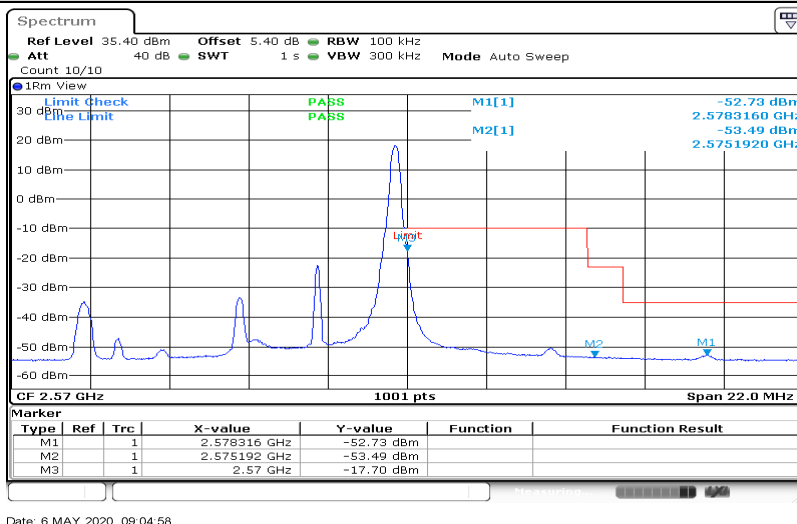


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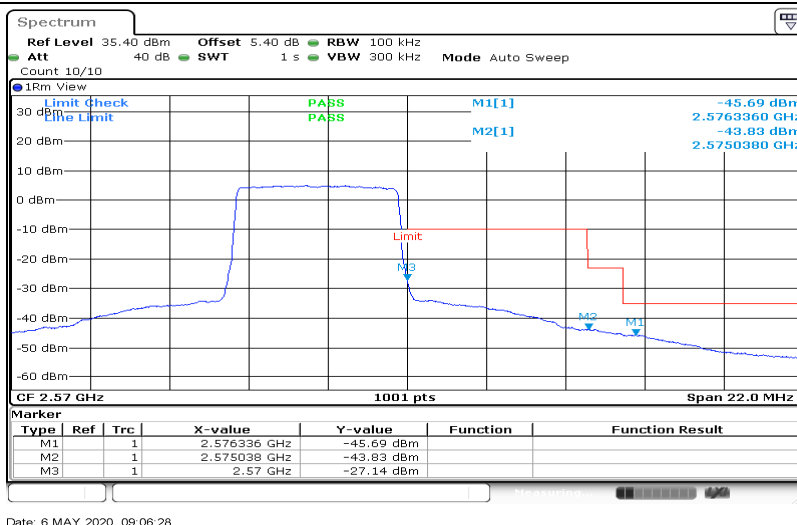
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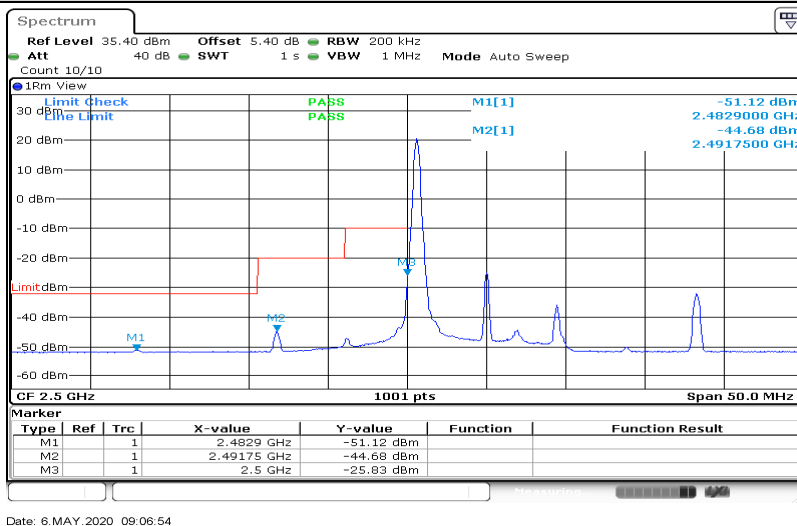
Band7-5MHz-16QAM-21425-25RB#0



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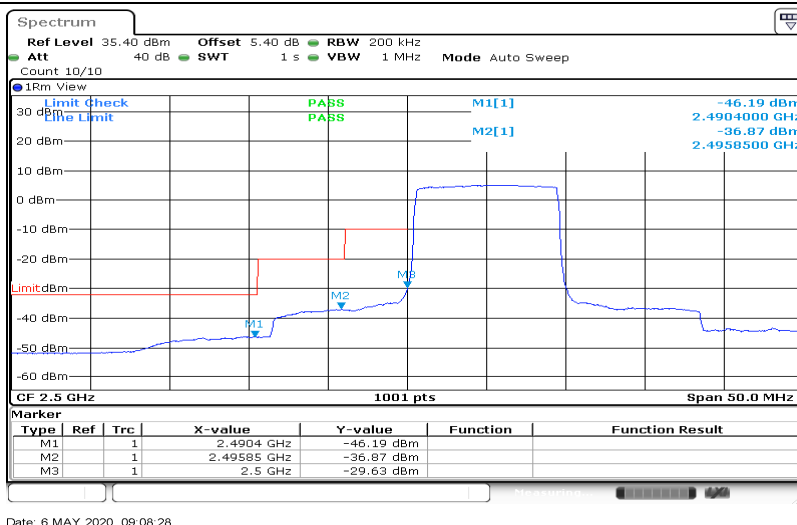


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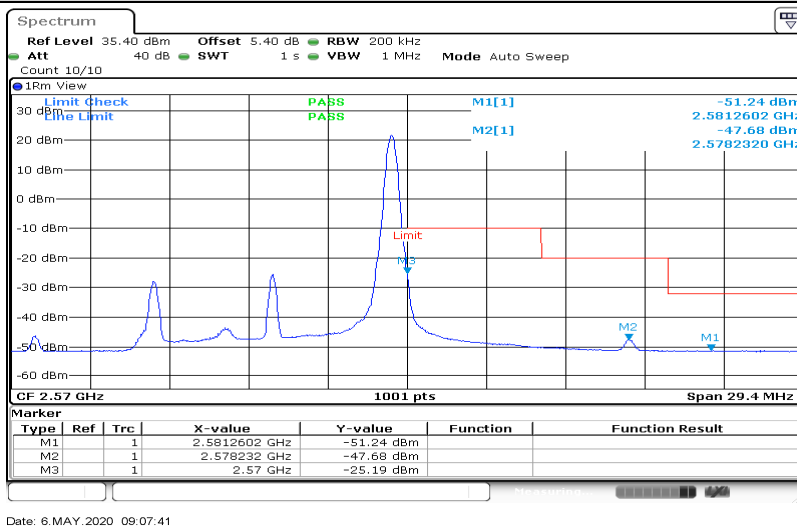


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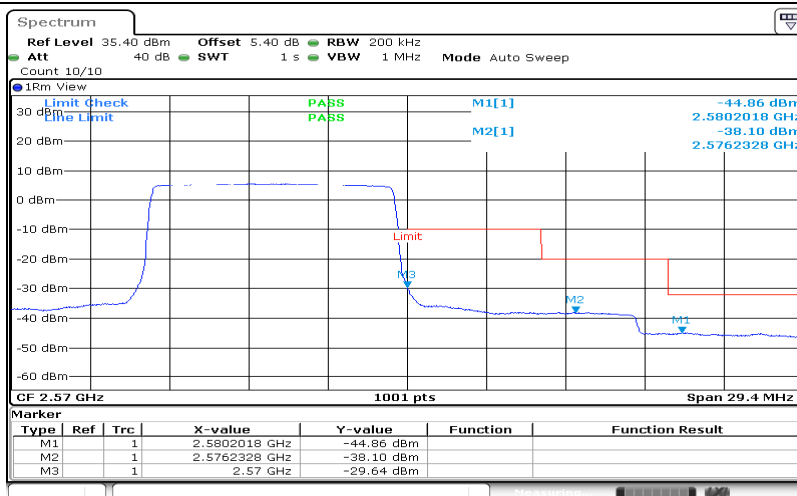


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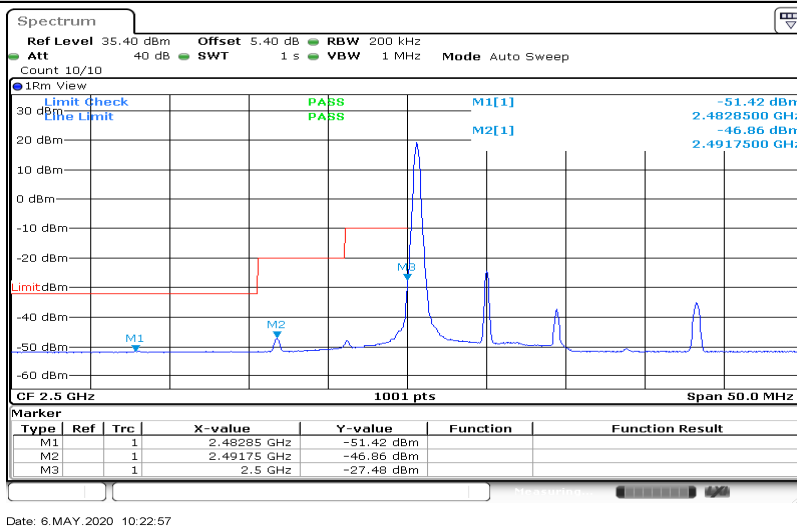


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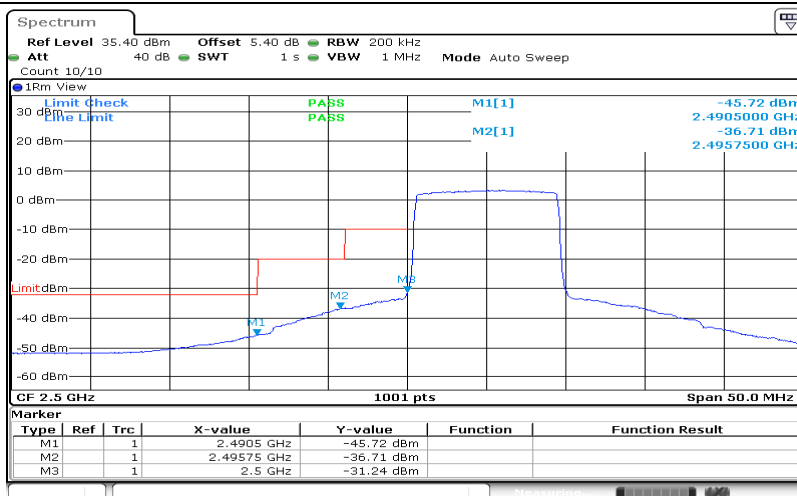


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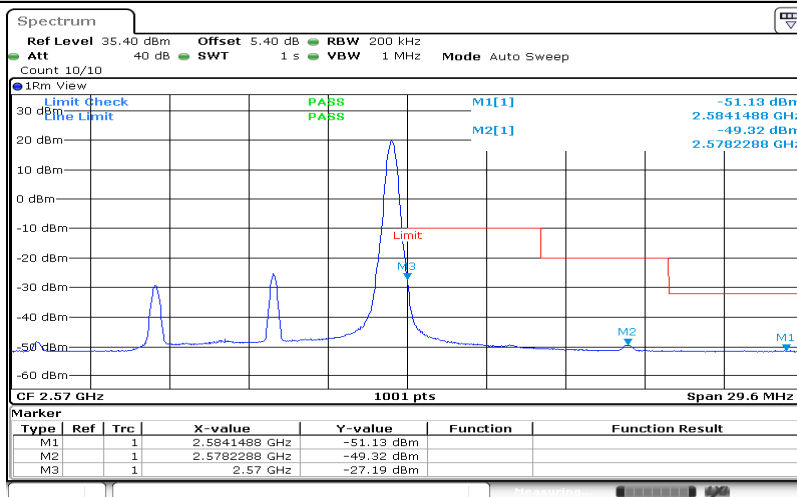


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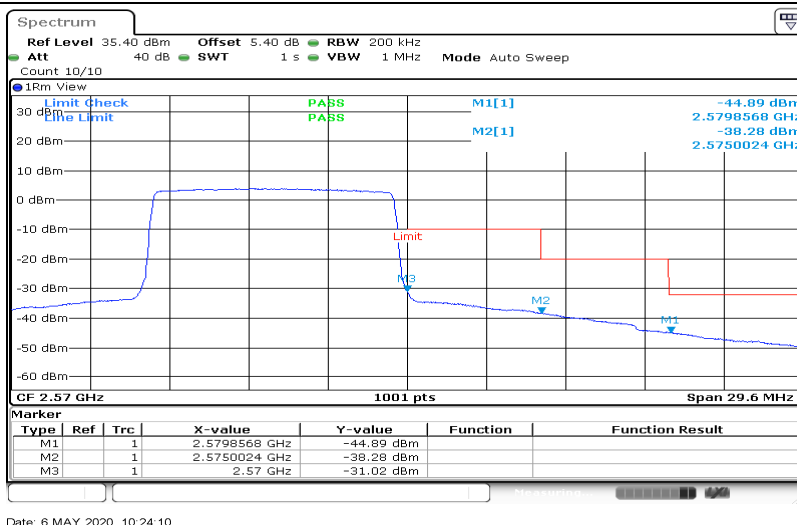


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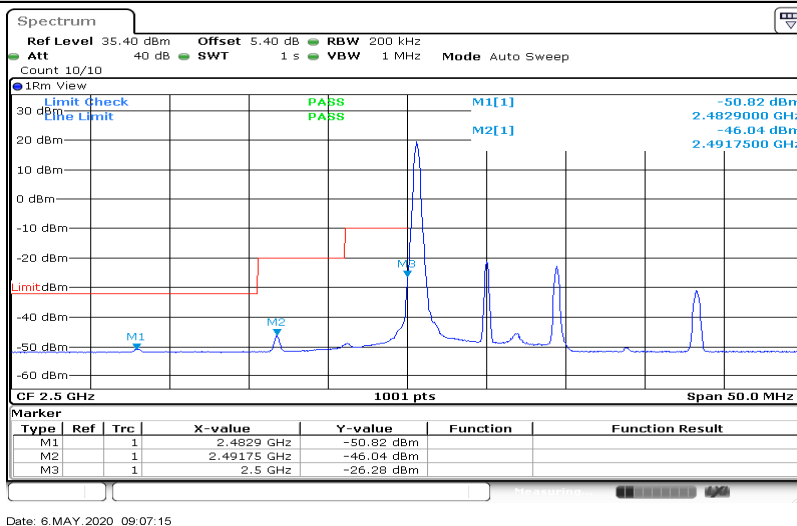


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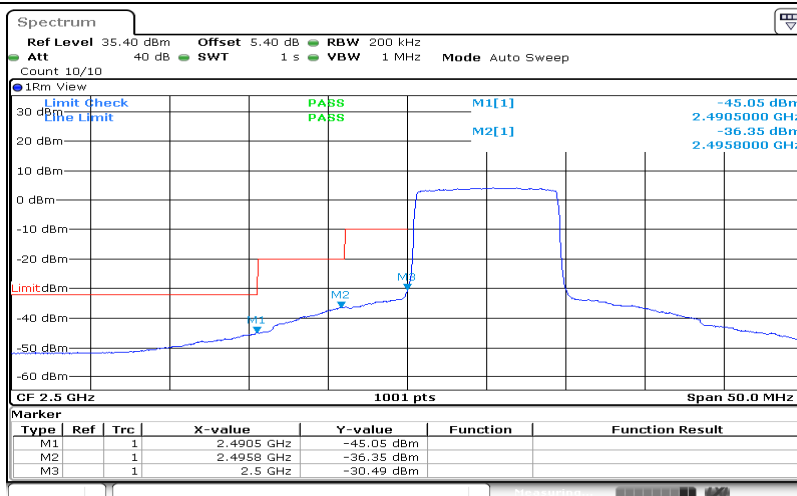


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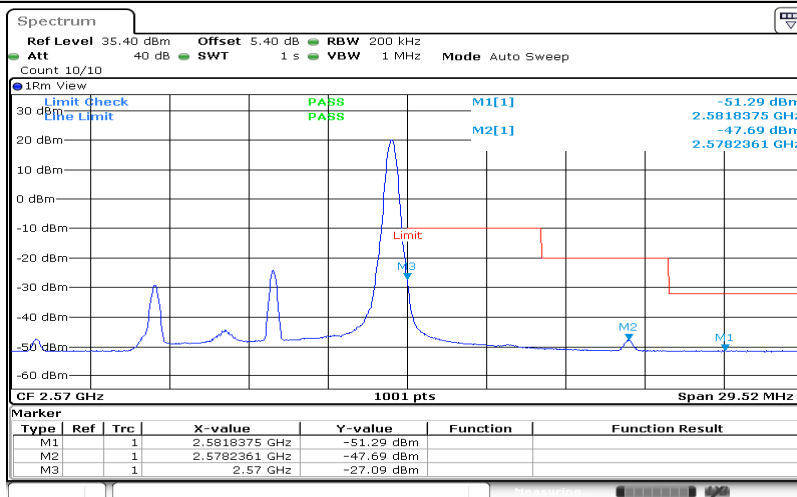


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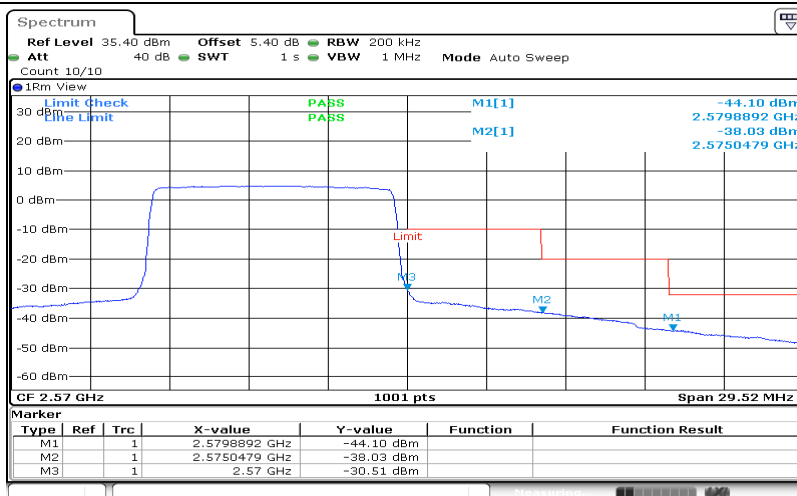


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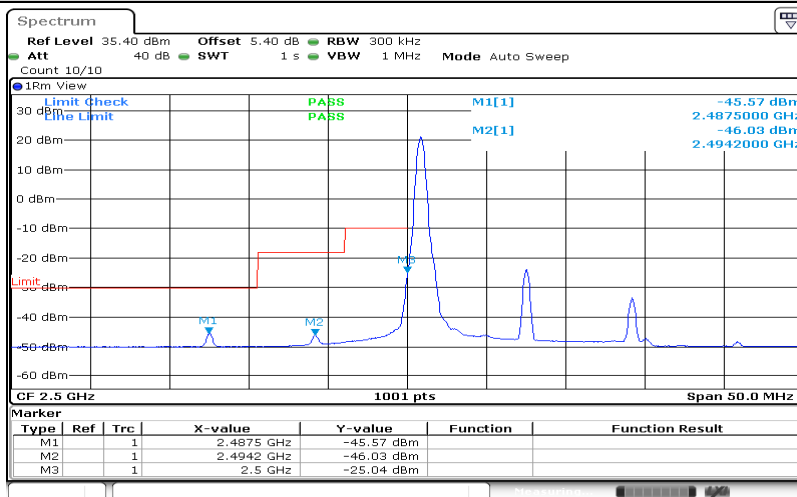


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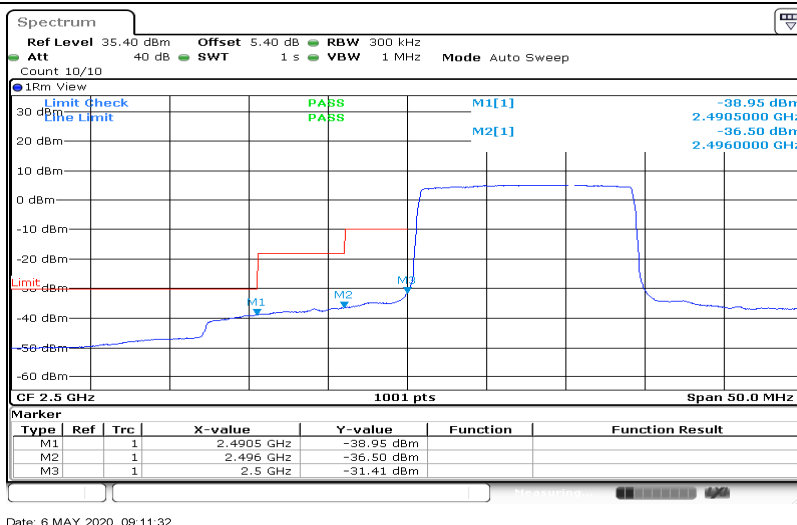


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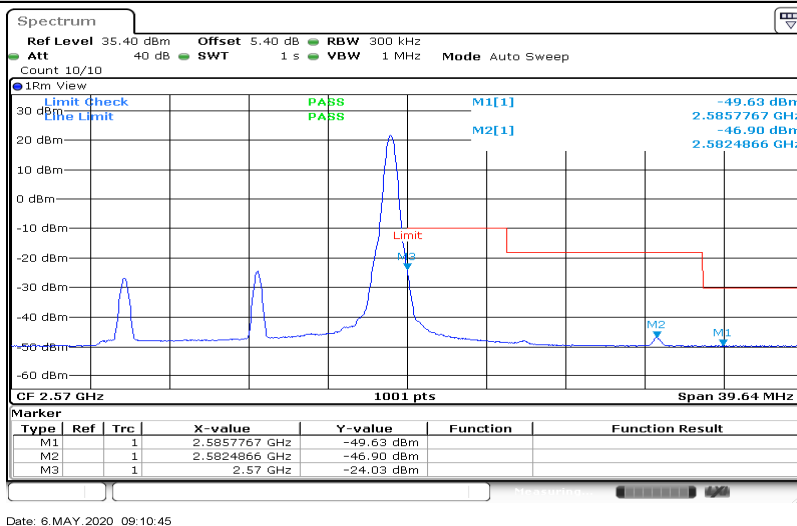


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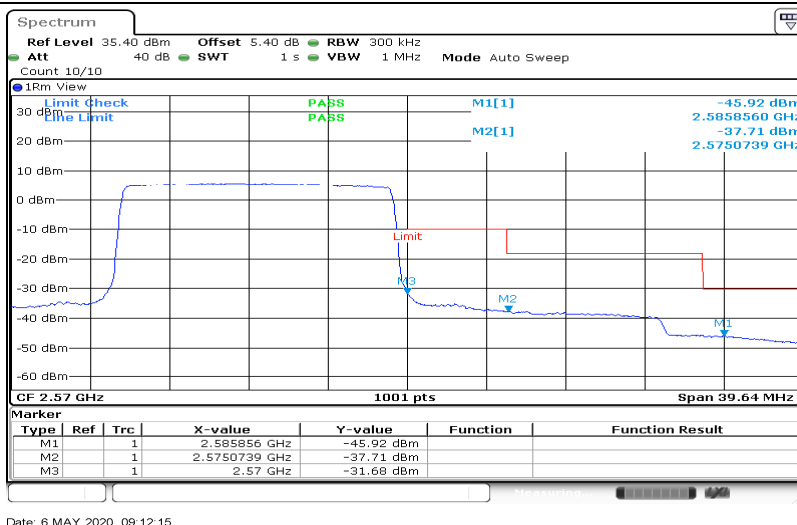


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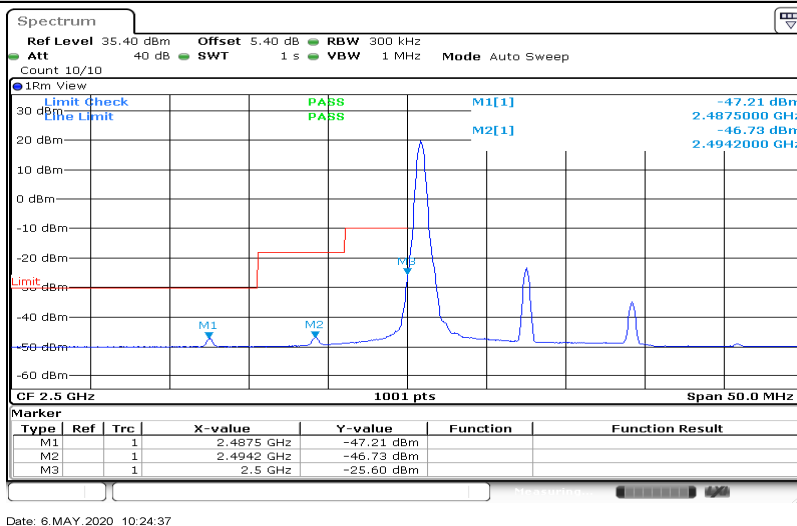


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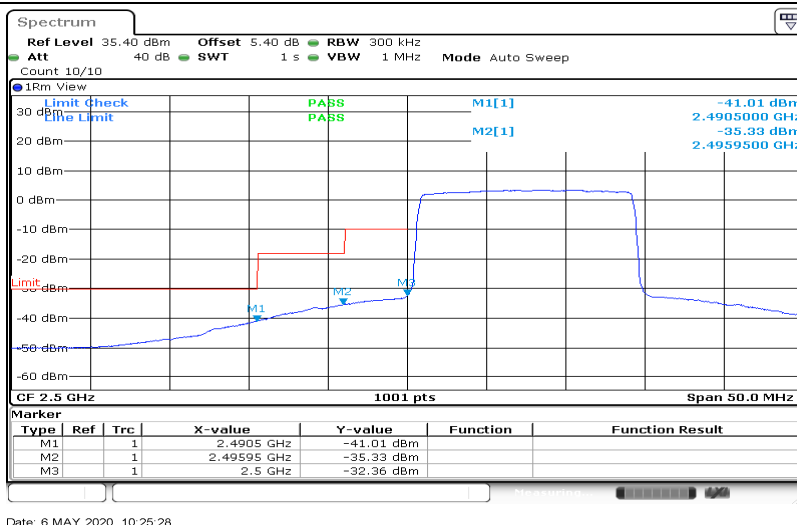


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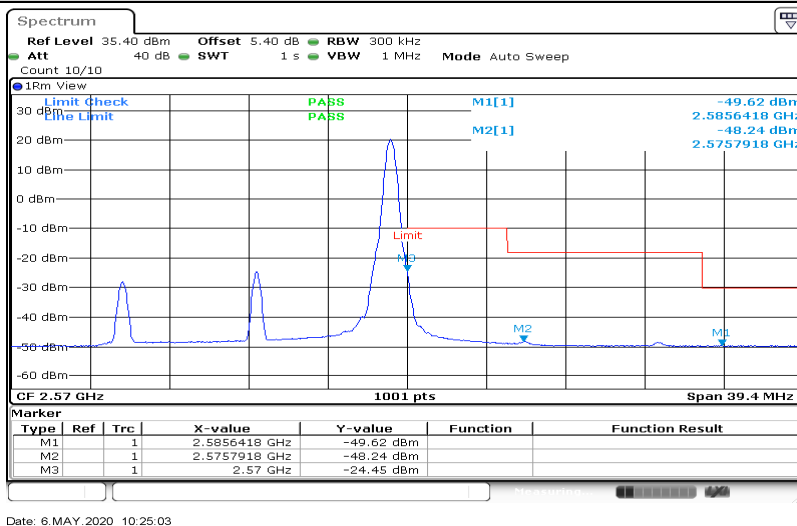


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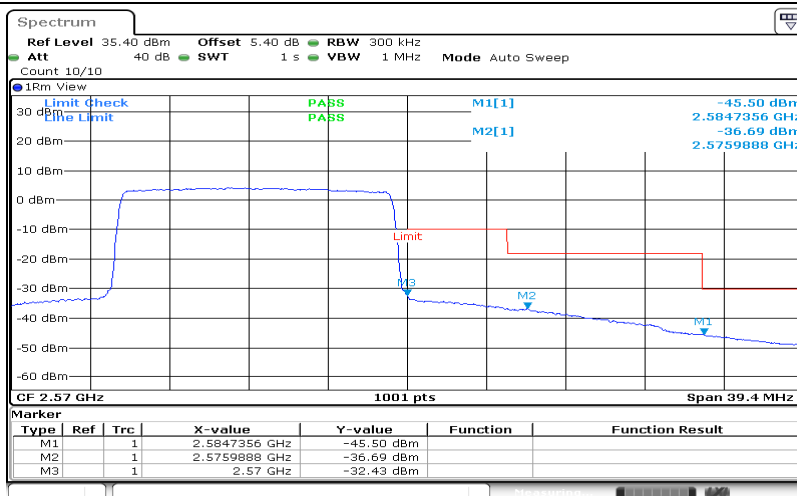


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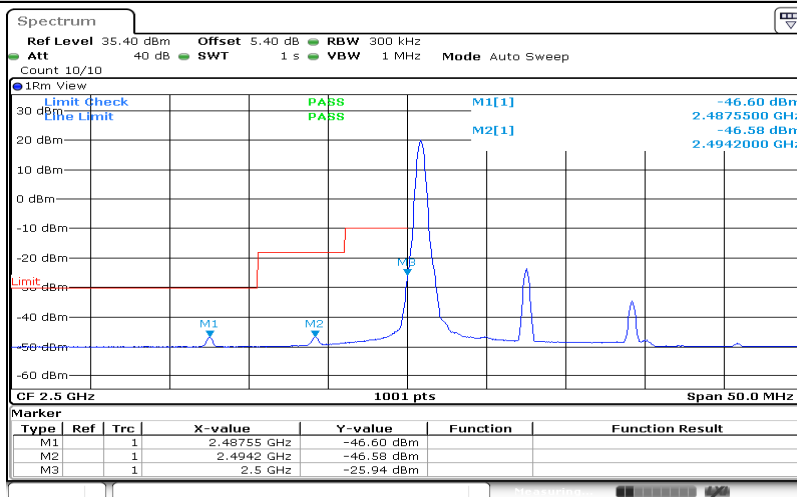


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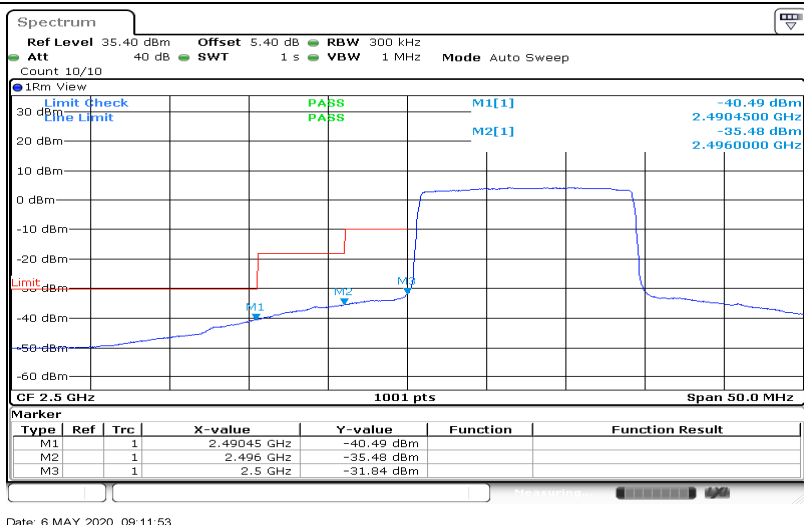


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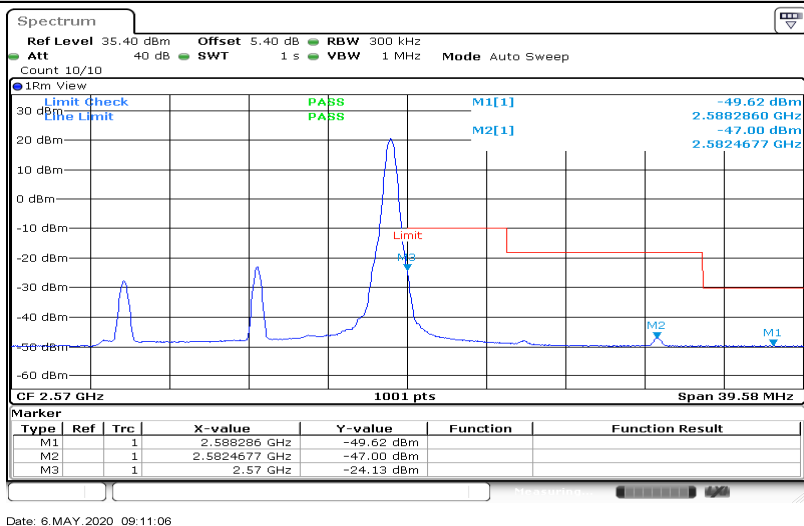


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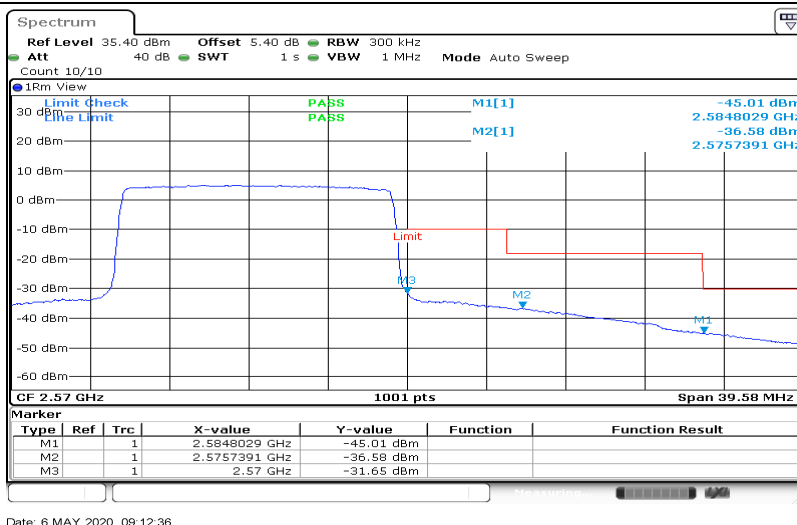


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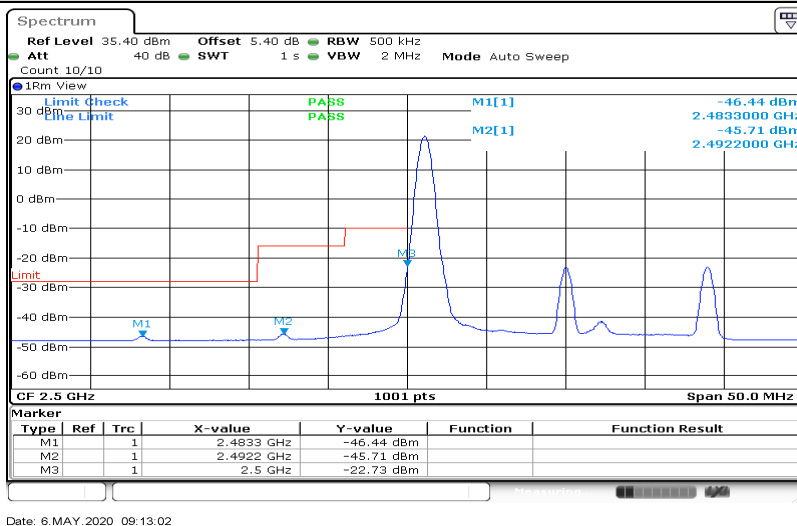


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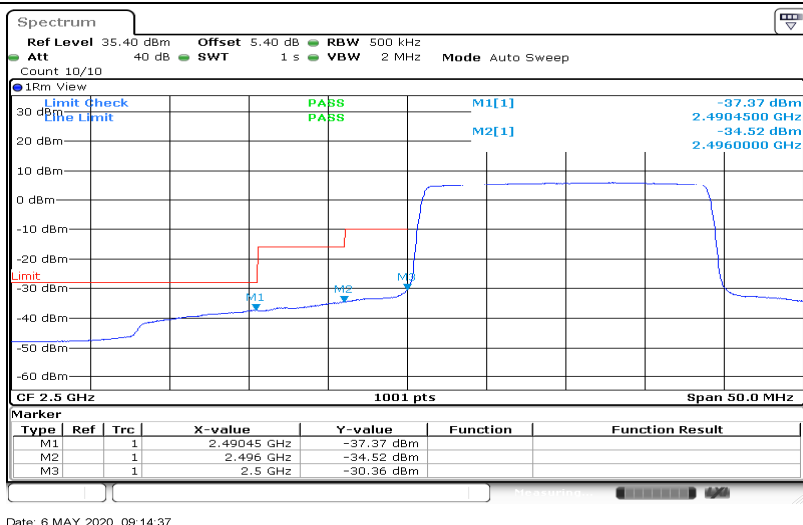


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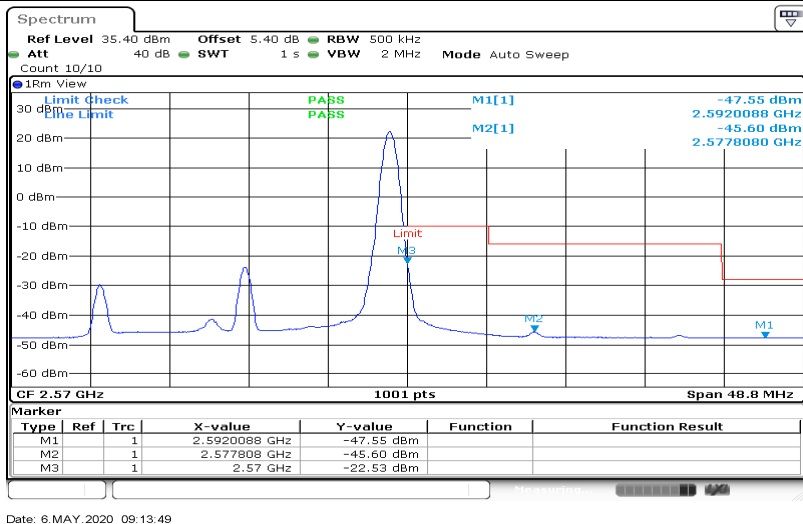


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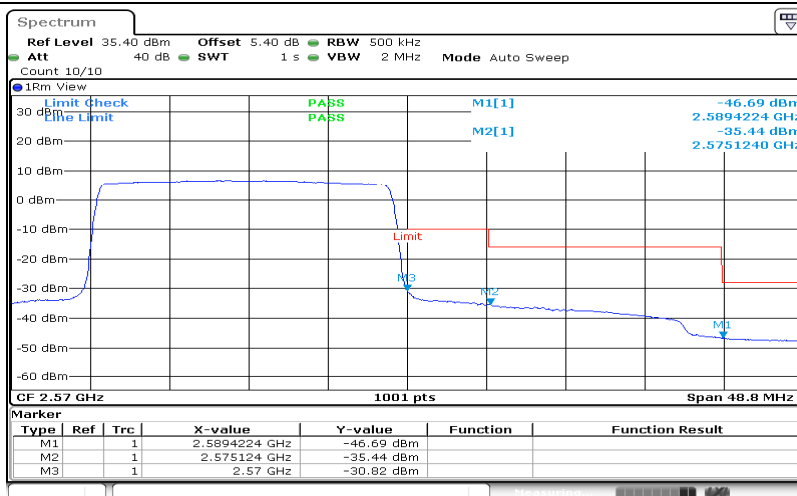


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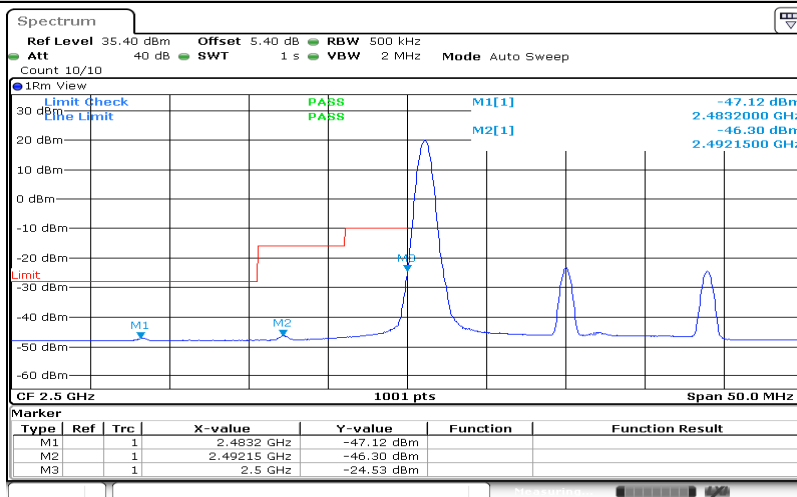


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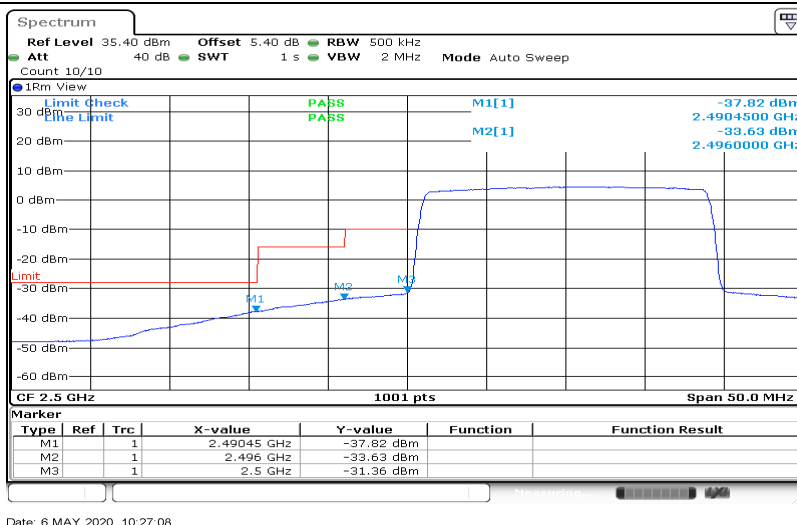


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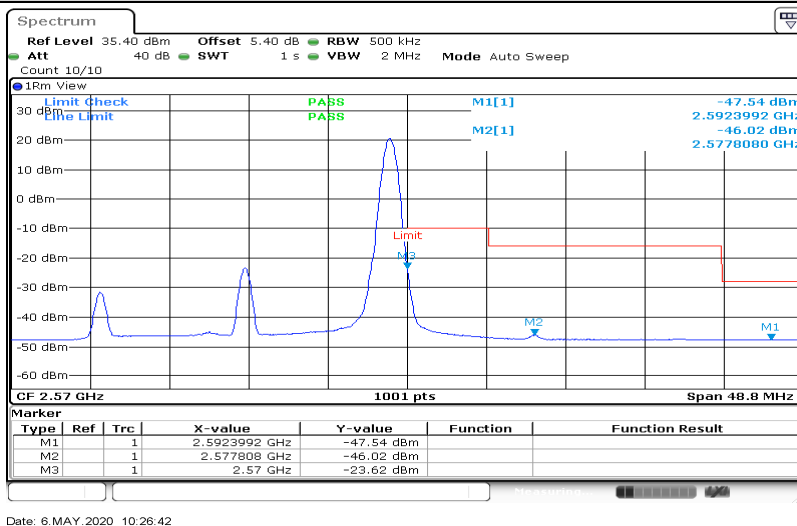


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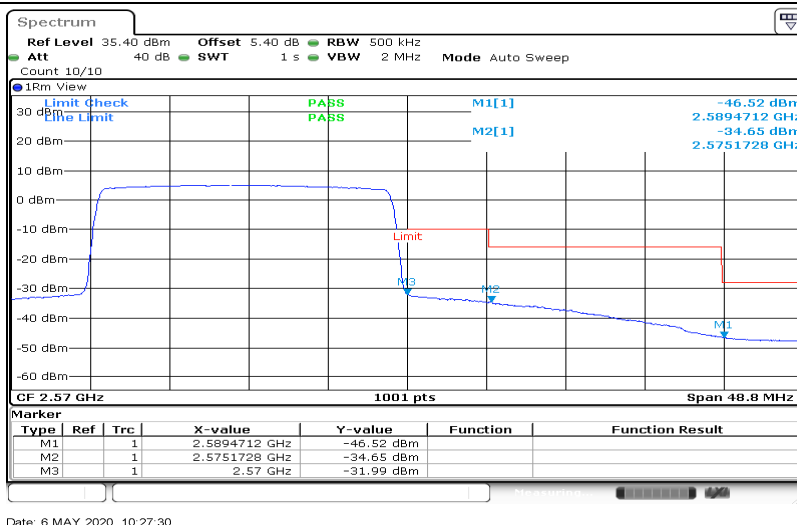


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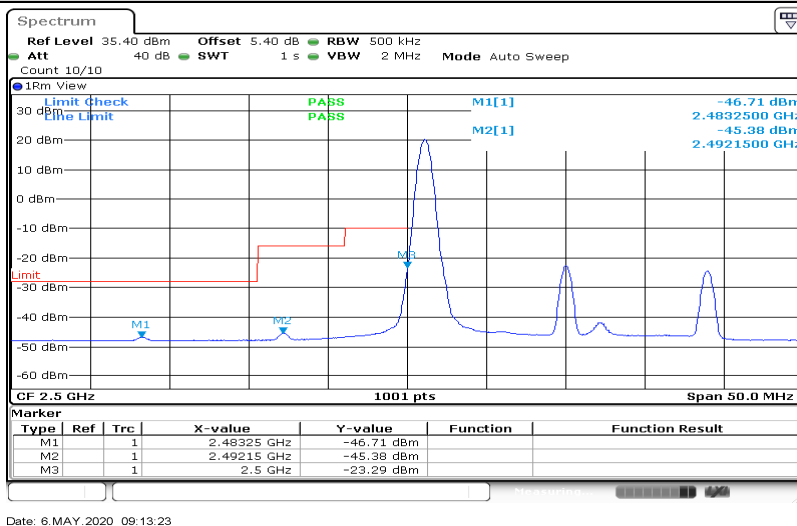


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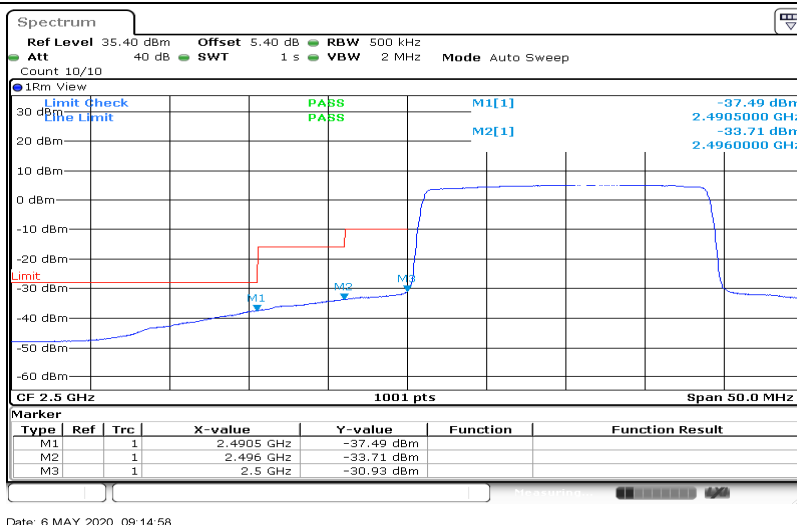


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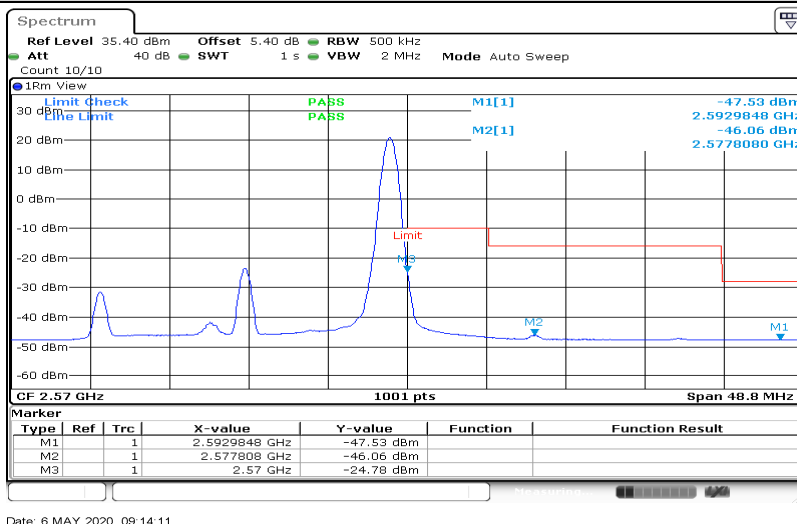


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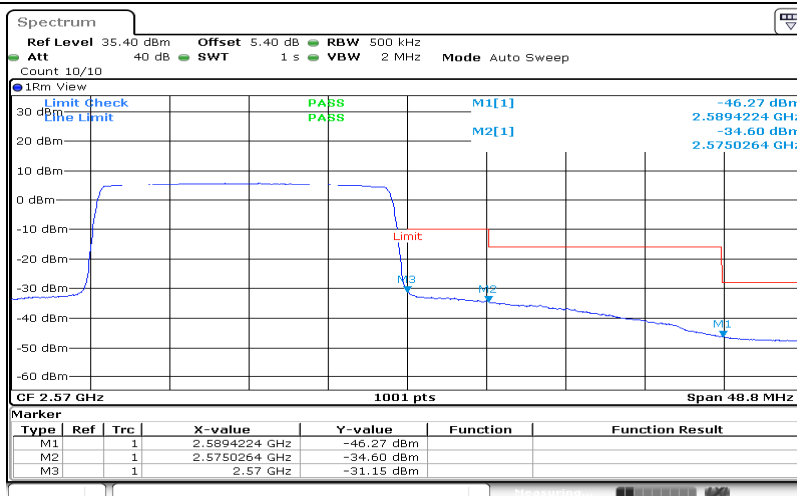


Band7-20MHz-16QAM-21350-100RB#0



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6. Spurious Emission at Antenna Terminal

Remark1: 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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-48.76	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~30000MHz	-41.45	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.23	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~30000MHz	-41.84	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-48.38	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~30000MHz	-41.58	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range1:30~1000MHz	-48.6	PASS
Band7	20MHz	64QAM	20850	1RB#0	Range2:1000~30000MHz	-41.65	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range1:30~1000MHz	-48.64	PASS
Band7	20MHz	64QAM	21100	1RB#0	Range2:1000~30000MHz	-41.85	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range1:30~1000MHz	-48.78	PASS
Band7	20MHz	64QAM	21350	1RB#0	Range2:1000~30000MHz	-41.86	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-48.08	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~30000MHz	-41.69	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-48.91	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~30000MHz	-41.59	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-48.55	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~30000MHz	-41.35	PASS

6.2. Test Plots

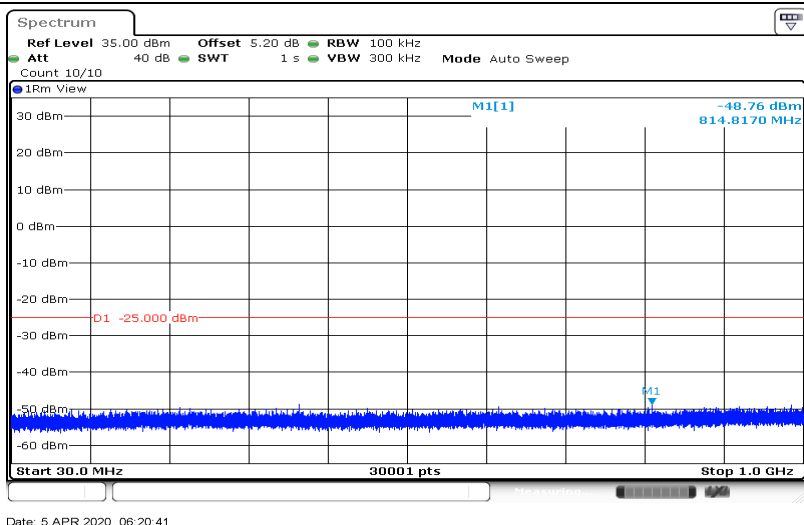
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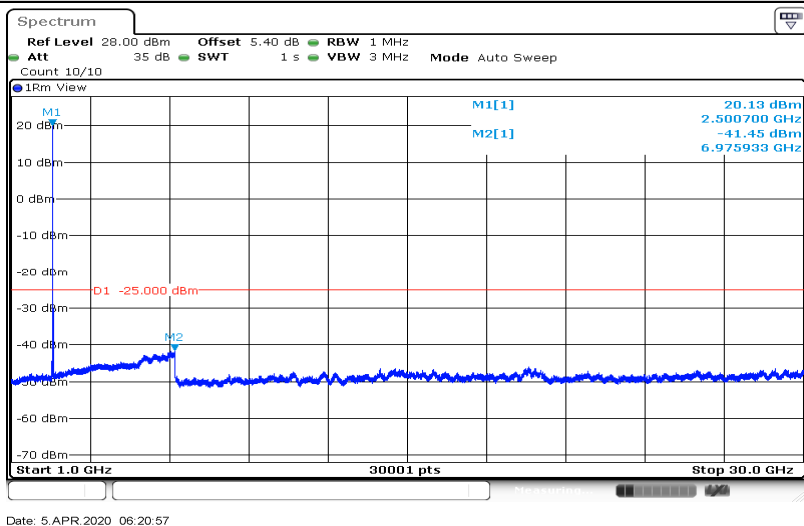
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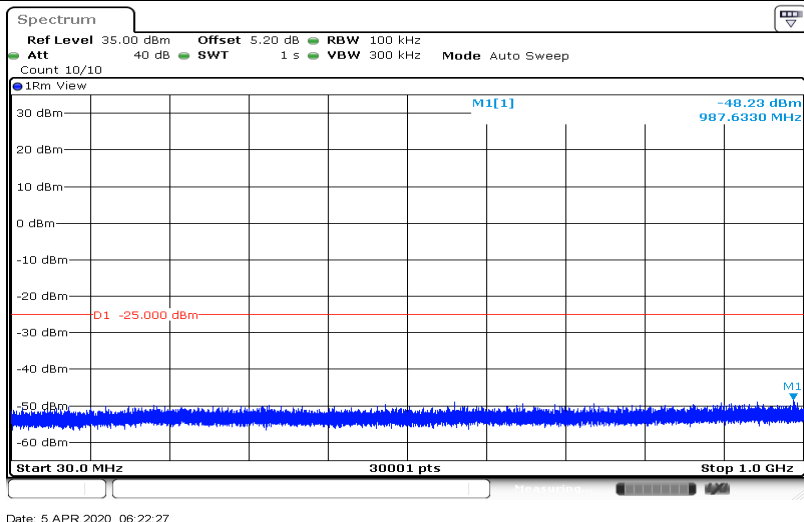


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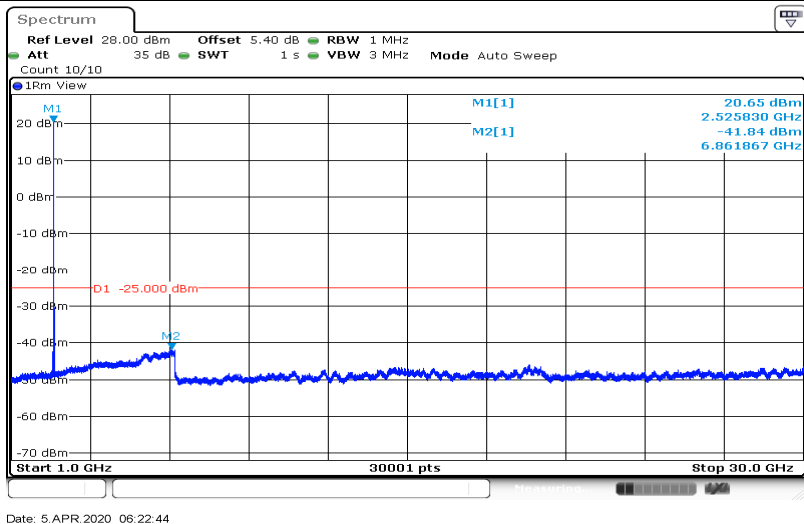


Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



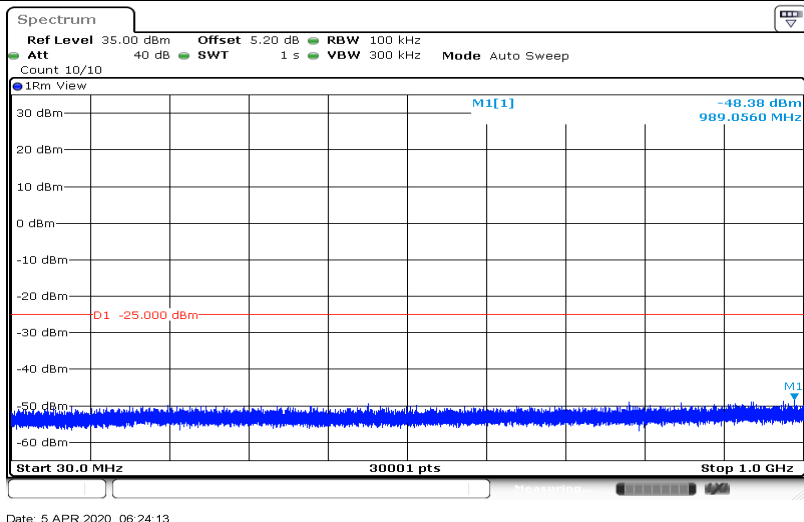


Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz

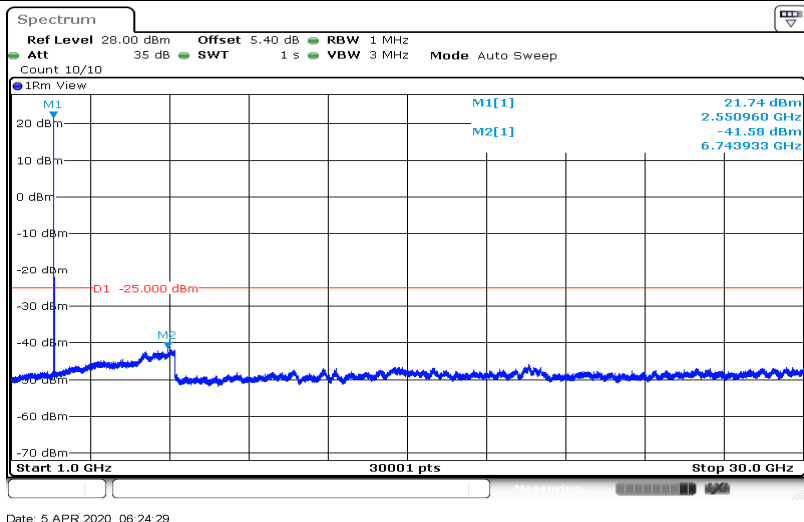


Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



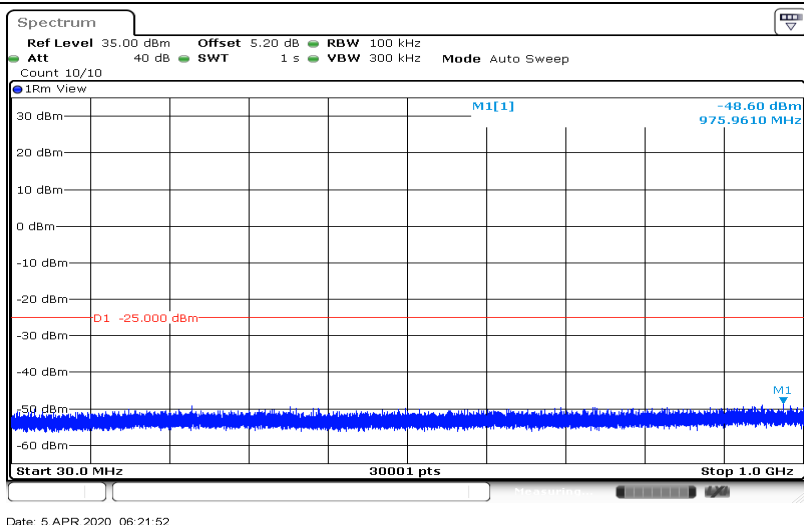


Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz

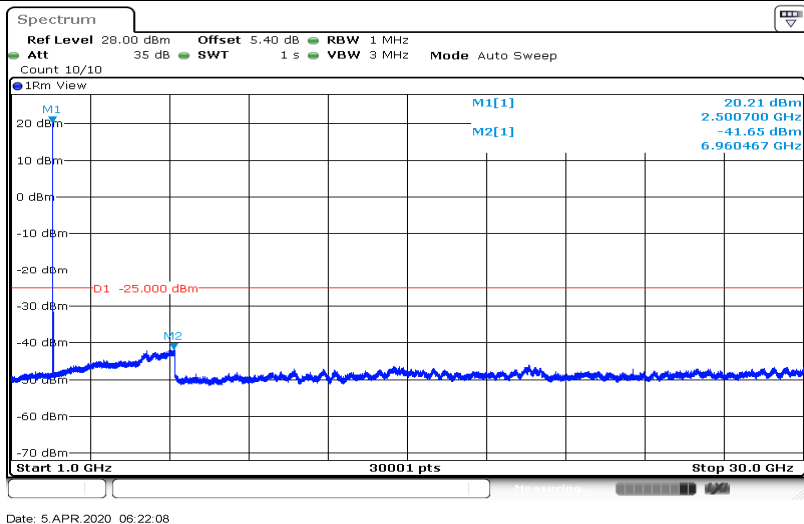


Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



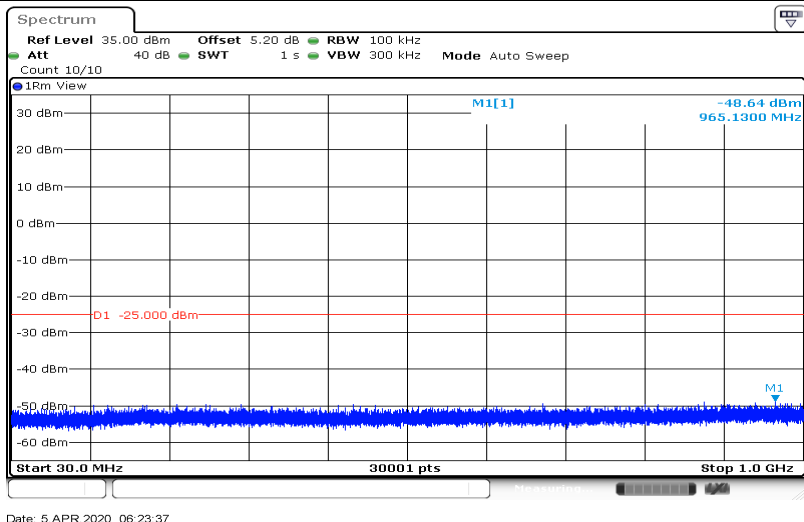


Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz

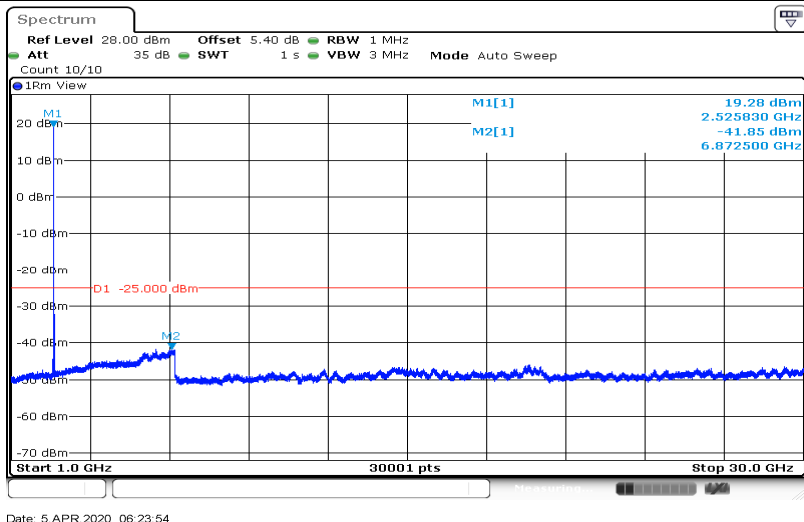


Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz





Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz

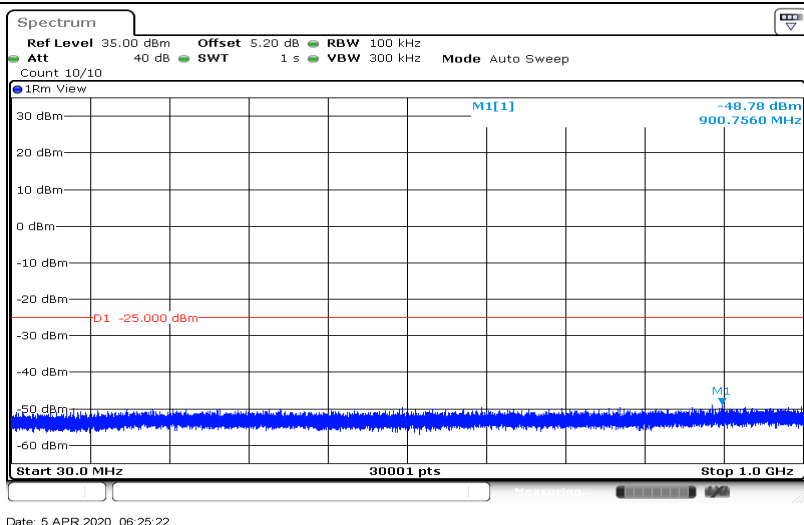


Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz

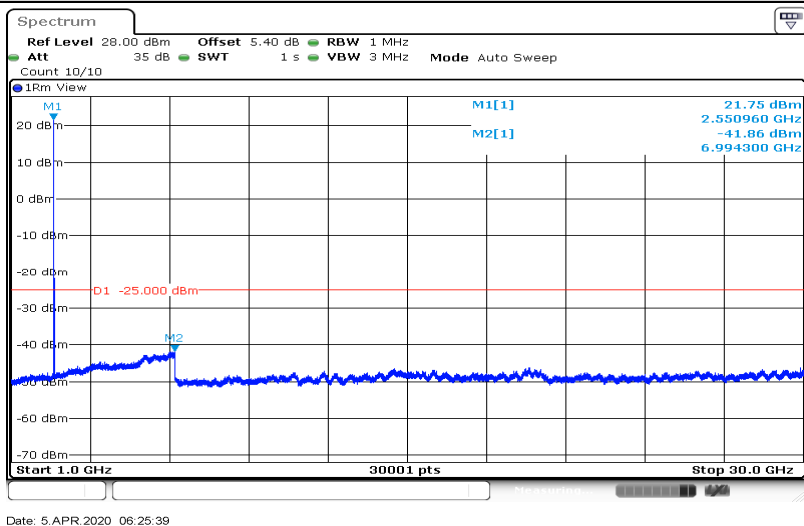


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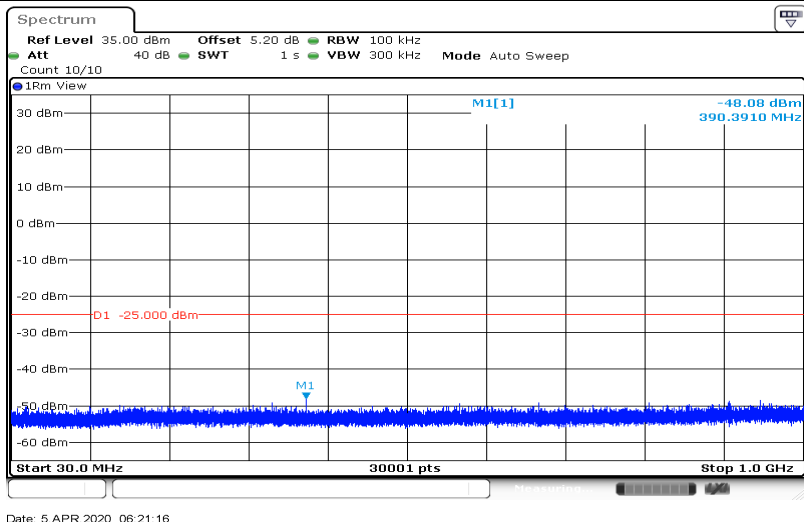


Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz

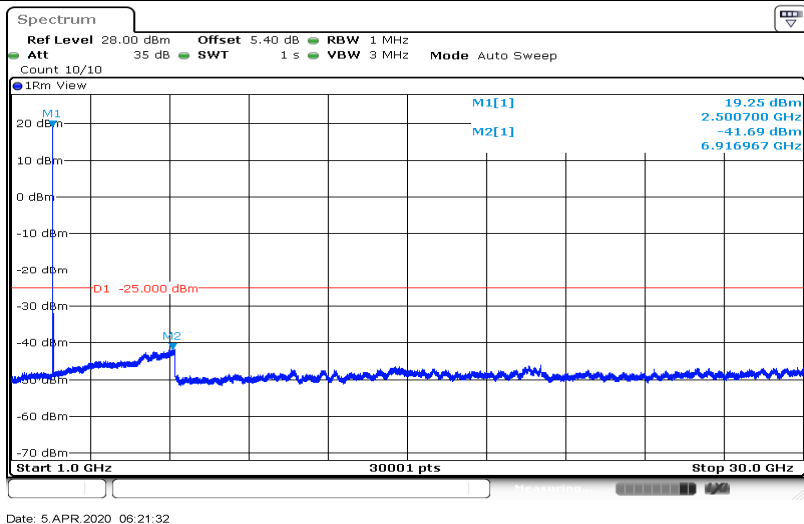


Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



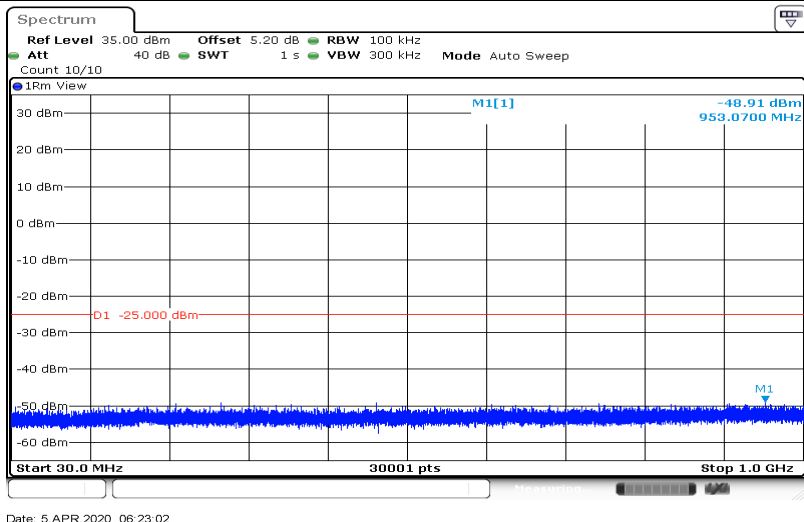


Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz

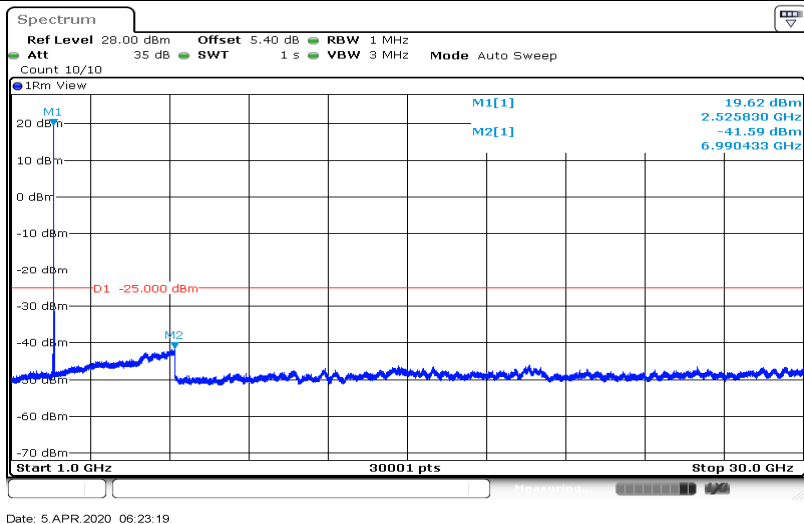


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



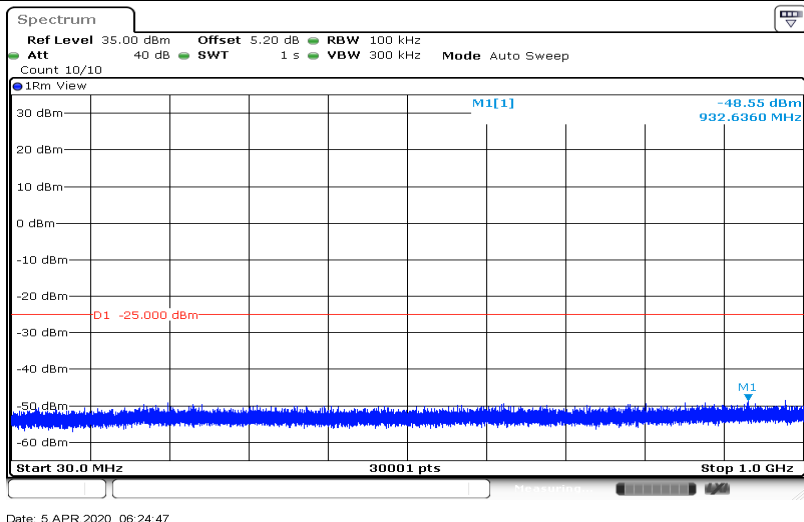


Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz

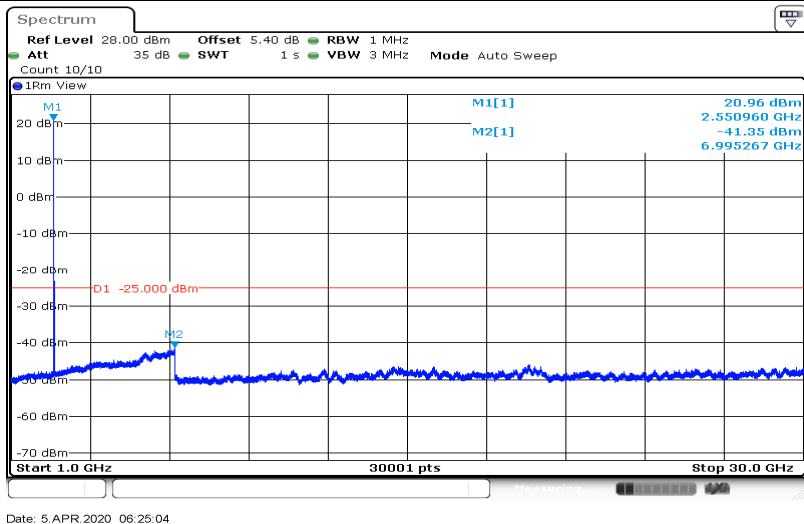


Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz





Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.400000	-77.49	-25.00	52.49	Vertical
349.300000	-84.19	-25.00	59.19	Vertical
960.629167	-75.23	-25.00	50.23	Vertical
5002.000000	-63.37	-25.00	38.37	Vertical
7503.200000	-50.65	-25.00	25.65	Vertical
10231.250000	-61.45	-25.00	36.45	Vertical
56.250000	-74.93	-25.00	49.93	Horizontal
226.600000	-82.01	-25.00	57.01	Horizontal
959.208333	-74.64	-25.00	49.64	Horizontal
5002.325000	-61.84	-25.00	36.84	Horizontal
7503.200000	-47.47	-25.00	22.47	Horizontal
10561.775000	-60.84	-25.00	35.84	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
57.100000	-80.08	-25.00	55.08	Vertical
341.050000	-83.69	-25.00	58.69	Vertical
959.804167	-75.11	-25.00	50.11	Vertical
5051.725000	-64.16	-25.00	39.16	Vertical
7577.950000	-45.79	-25.00	20.79	Vertical
10276.425000	-60.93	-25.00	35.93	Vertical
63.850000	-76.23	-25.00	51.23	Horizontal
226.300000	-82.20	-25.00	57.20	Horizontal
953.295833	-74.83	-25.00	49.83	Horizontal
5036.450000	-65.40	-25.00	40.40	Horizontal
7578.275000	-48.54	-25.00	23.54	Horizontal
10269.275000	-61.89	-25.00	36.89	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.800000	-79.10	-25.00	54.10	Vertical
343.750000	-83.68	-25.00	58.68	Vertical
944.541667	-75.66	-25.00	50.66	Vertical
5102.100000	-59.80	-25.00	34.80	Vertical
7653.025000	-54.98	-25.00	29.98	Vertical
10503.925000	-61.63	-25.00	36.63	Vertical
63.550000	-75.52	-25.00	50.52	Horizontal
226.750000	-81.98	-25.00	56.98	Horizontal
954.395833	-74.75	-25.00	49.75	Horizontal
5102.100000	-59.89	-25.00	34.89	Horizontal
7653.025000	-60.40	-25.00	35.40	Horizontal
10305.025000	-61.02	-25.00	36.02	Horizontal

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 Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	2.00	0.000797	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	0.90	0.000359	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	2.20	0.000876	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-5.70	-0.002249	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-2.40	-0.000947	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	0.50	0.000195	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	2.30	0.000898	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	2.10	0.000820	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	1.50	0.000598	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	2.90	0.001155	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	3.20	0.001275	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-1.80	-0.000710	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-4.90	-0.001933	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-3.40	-0.001341	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	2.40	0.000938	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	0.40	0.000156	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	0.40	0.000156	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	2.70	0.001076	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	3.10	0.001235	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-0.90	-0.000355	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	2.90	0.001133	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-0.40	-0.000156	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-1.90	-0.000742	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
------	-----------	------------	---------	--------------	---------------	------------------	----------------	-----------------	-------------	---------



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Band7	20MHz	QPSK	20850	100RB#0	NV	-30	4.40	0.001753	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	1.90	0.000757	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	1.00	0.000398	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	0.90	0.000359	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	2.60	0.001036	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	5.90	0.002351	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	4.40	0.001753	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.10	-0.002012	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-3.70	-0.001460	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-4.80	-0.001893	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-1.10	-0.000434	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-3.80	-0.001499	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	0.60	0.000234	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	1.30	0.000508	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	0.50	0.000195	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	1.10	0.000430	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	1.10	0.000430	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-1.10	-0.000430	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-1.90	-0.000742	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	4.30	0.001713	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	1.10	0.000438	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	3.80	0.001514	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	0.20	0.000080	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	0.60	0.000239	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	1.80	0.000717	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	3.10	0.001235	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-1.70	-0.000671	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-2.90	-0.001144	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-6.10	-0.002406	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-2.90	-0.001144	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-3.70	-0.001460	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-2.00	-0.000789	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	40	-3.80	-0.001499	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	-3.30	-0.001302	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	1.20	0.000469	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	1.70	0.000664	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	0.70	0.000273	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	0.60	0.000234	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	1.00	0.000391	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-0.80	-0.000313	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	1.90	0.000742	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-0.80	-0.000319	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	3.70	0.001474	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	1.00	0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	1.60	0.000637	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	4.10	0.001633	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	2.30	0.000916	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	2.60	0.001036	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	3.80	0.001514	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-4.90	-0.001933	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-2.90	-0.001144	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-4.40	-0.001736	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-4.40	-0.001736	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-4.50	-0.001775	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-2.40	-0.000947	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-3.90	-0.001538	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-4.80	-0.001893	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-1.40	-0.000547	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-1.70	-0.000664	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-0.20	-0.000078	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	2.80	0.001094	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	1.20	0.000469	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-1.20	-0.000469	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	0.40	0.000156	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	1.00	0.000391	±2.5	PASS



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