

Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.07	23.57	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.02	23.52	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.10	23.6	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.17	22.67	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.18	22.68	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.22	22.72	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.28	22.78	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.65	23.15	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.83	23.33	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.72	23.22	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.90	22.4	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.82	22.32	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.10	22.6	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.82	22.32	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.94	23.44	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.92	23.42	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.05	23.55	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.08	22.58	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.18	22.68	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.05	22.55	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.29	22.79	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.49	22.99	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.73	23.23	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.77	23.27	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.51	22.01	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.46	21.96	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.47	21.97	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.24	21.74	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.73	23.23	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.73	23.23	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.78	23.28	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.11	21.61	33.00	PASS

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Band7	5MHz	16QAM	21100	12RB#6	21.02	21.52	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.02	21.52	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.96	21.46	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.81	23.31	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.92	23.42	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.95	23.45	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.19	21.69	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.38	21.88	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.24	21.74	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.45	21.95	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.63	22.13	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.56	22.06	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.60	22.1	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.50	21	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.61	21.11	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.65	21.15	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.42	20.92	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.57	22.07	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.46	21.96	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.50	22	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.52	21.02	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.63	21.13	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.62	21.12	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.64	21.14	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.72	22.22	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.70	22.2	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.67	22.17	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.73	21.23	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.77	21.27	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.54	21.04	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.67	21.17	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.10	23.6	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.05	23.55	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.01	23.51	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.22	22.72	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.17	22.67	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.22	22.72	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.25	22.75	33.00	PASS

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Band7	10MHz	QPSK	21100	1RB#0	22.71	23.21	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.82	23.32	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.79	23.29	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.95	22.45	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.85	22.35	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.01	22.51	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.90	22.4	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.87	23.37	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.01	23.51	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.06	23.56	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.08	22.58	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.22	22.72	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.13	22.63	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.28	22.78	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.50	23	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.64	23.14	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.69	23.19	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.48	21.98	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.50	22	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.56	22.06	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.31	21.81	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.69	23.19	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.67	23.17	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.71	23.21	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.11	21.61	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.02	21.52	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.10	21.6	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.06	21.56	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.74	23.24	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.96	23.46	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.88	23.38	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.21	21.71	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.33	21.83	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.25	21.75	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.37	21.87	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.67	22.17	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.58	22.08	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.52	22.02	33.00	PASS

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Band7	10MHz	64QAM	20800	25RB#0	20.54	21.04	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.75	21.25	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.65	21.15	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.50	21	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.66	22.16	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.57	22.07	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.67	22.17	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.55	21.05	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.61	21.11	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.66	21.16	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.52	21.02	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.73	22.23	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.62	22.12	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.67	22.17	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.71	21.21	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.68	21.18	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.67	21.17	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.61	21.11	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.04	23.54	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.02	23.52	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.94	23.44	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.26	22.76	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.25	22.75	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.15	22.65	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.20	22.7	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.64	23.14	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.92	23.42	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.78	23.28	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.91	22.41	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.84	22.34	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.09	22.59	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.99	22.49	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.93	23.43	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.95	23.45	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.02	23.52	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.09	22.59	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.28	22.78	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.08	22.58	33.00	PASS

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Band7	15MHz	QPSK	21375	75RB#0	22.34	22.84	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.41	22.91	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.72	23.22	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.62	23.12	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.49	21.99	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.42	21.92	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.60	22.1	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.39	21.89	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.59	23.09	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.62	23.12	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.72	23.22	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.12	21.62	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.08	21.58	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.14	21.64	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.03	21.53	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.79	23.29	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.04	23.54	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.96	23.46	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.12	21.62	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.43	21.93	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.33	21.83	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.44	21.94	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.65	22.15	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.51	22.01	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.50	22	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.65	21.15	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.58	21.08	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.63	21.13	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.39	20.89	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.71	22.21	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.45	21.95	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.62	22.12	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.62	21.12	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.79	21.29	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.71	21.21	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.47	20.97	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.74	22.24	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.58	22.08	33.00	PASS

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Band7	15MHz	64QAM	21375	1RB#74	21.61	22.11	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.70	21.2	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.69	21.19	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.56	21.06	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.65	21.15	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.96	23.46	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.95	23.45	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.95	23.45	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.27	22.77	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.20	22.7	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.30	22.8	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.34	22.84	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.74	23.24	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.74	23.24	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.80	23.3	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.05	22.55	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.94	22.44	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.07	22.57	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.92	22.42	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.79	23.29	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.95	23.45	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.94	23.44	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.03	22.53	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.31	22.81	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.21	22.71	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.35	22.85	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.48	22.98	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.68	23.18	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.68	23.18	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.55	22.05	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.59	22.09	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.46	21.96	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.33	21.83	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.71	23.21	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.62	23.12	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.69	23.19	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.14	21.64	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.96	21.46	33.00	PASS

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Band7	20MHz	16QAM	21100	50RB#50	21.11	21.61	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.12	21.62	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.84	23.34	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.94	23.44	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.94	23.44	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.13	21.63	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.30	21.8	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.27	21.77	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.32	21.82	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.61	22.11	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.61	22.11	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.59	22.09	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.56	21.06	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.65	21.15	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.65	21.15	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.48	20.98	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.65	22.15	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.53	22.03	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.59	22.09	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.62	21.12	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.69	21.19	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.62	21.12	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.57	21.07	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.68	22.18	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.60	22.1	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.67	22.17	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.70	21.2	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.71	21.21	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.64	21.14	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.66	21.16	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]

The conducted Power is measured by Base Station Simulator

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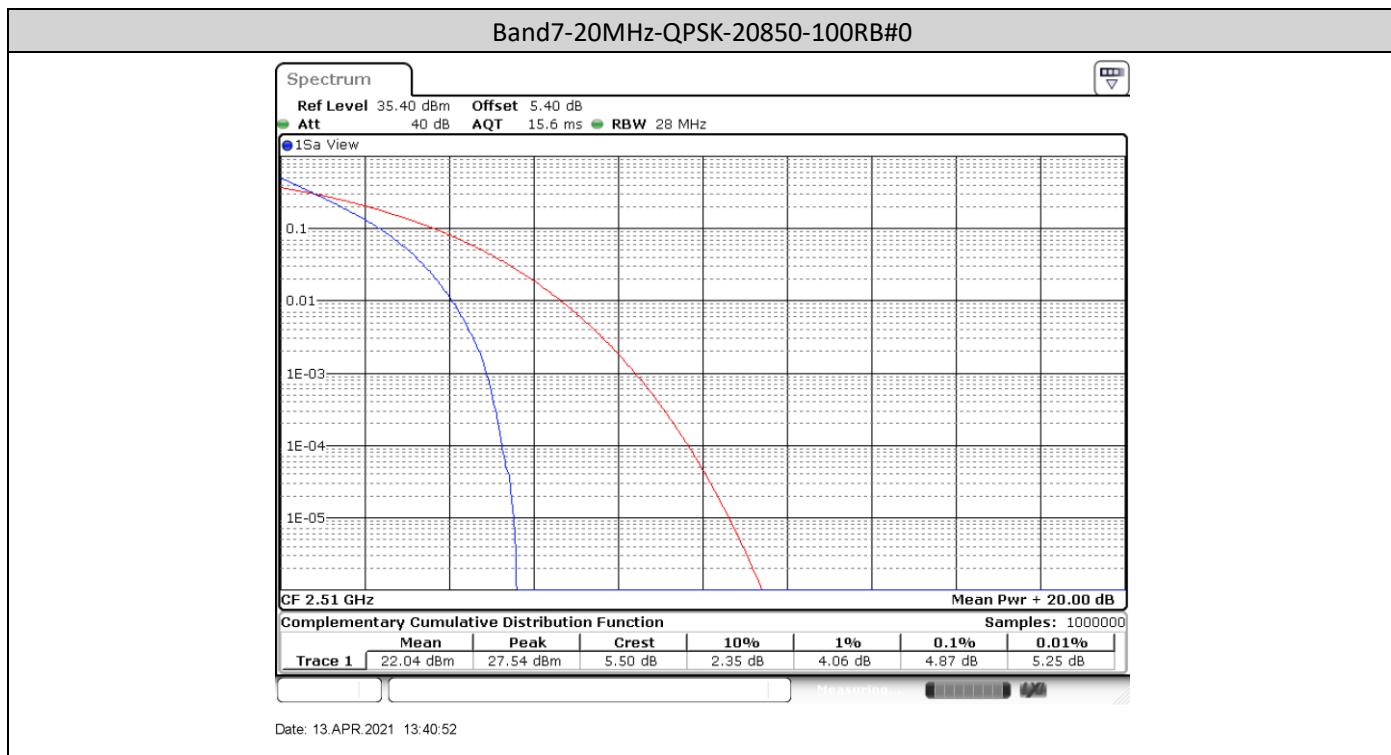
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.87	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.04	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.67	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.91	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.06	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.74	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.65	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.80	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.42	13	PASS

2.2. Test Plots



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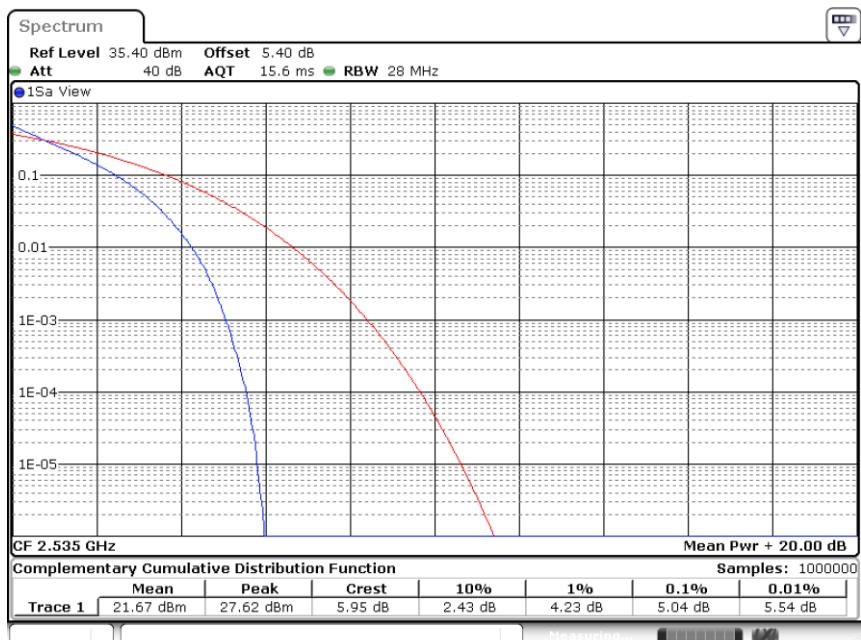
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Band7-20MHz-QPSK-21100-100RB#0



Date: 13.APR.2021 13:41:15

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



Date: 13.APR.2021 13:41:37

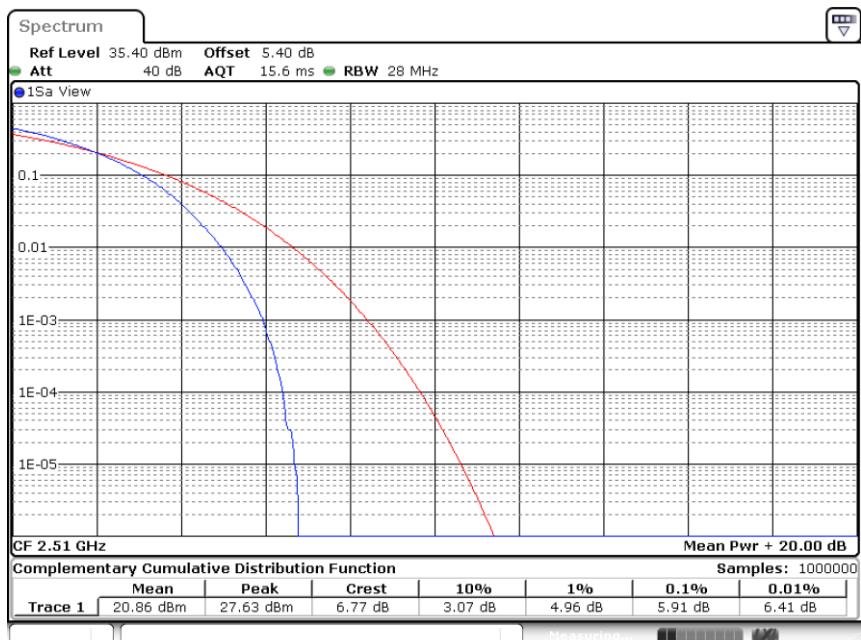
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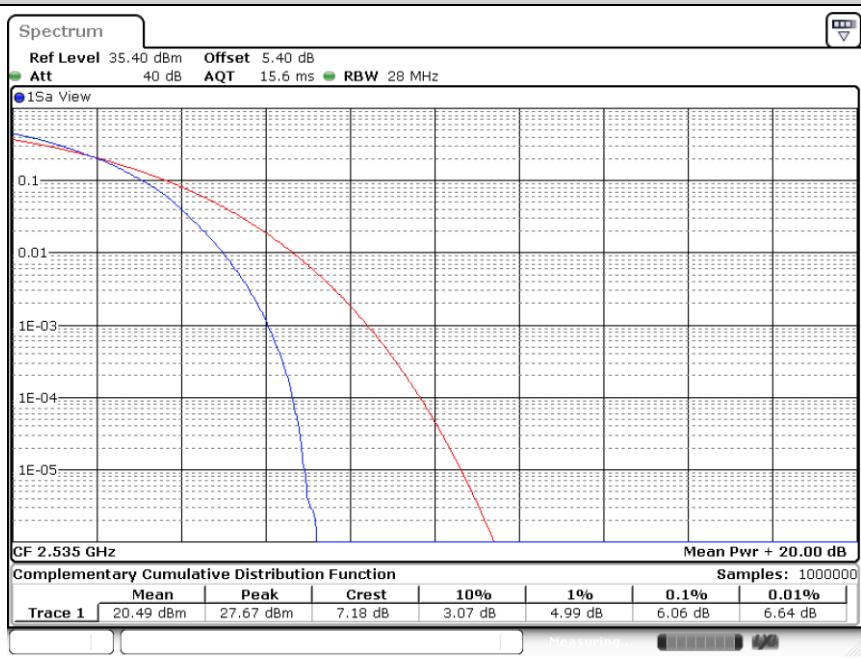
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Band7-20MHz-64QAM-20850-100RB#0



Date: 14.APR.2021 00:08:56

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



Date: 14.APR.2021 00:09:08

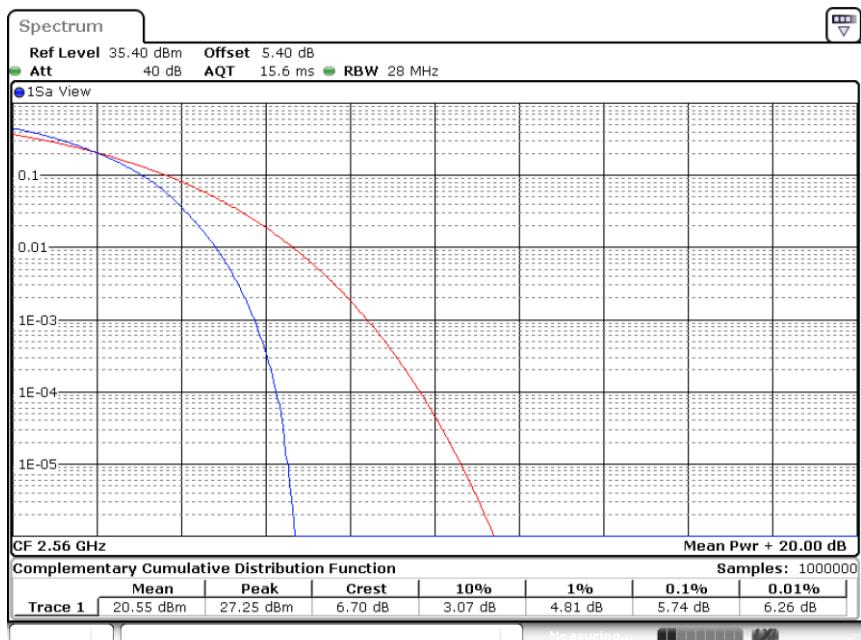
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Band7-20MHz-64QAM-21350-100RB#0



Date: 14.APR.2021 00:09:20

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



Date: 13.APR.2021 13:41:03

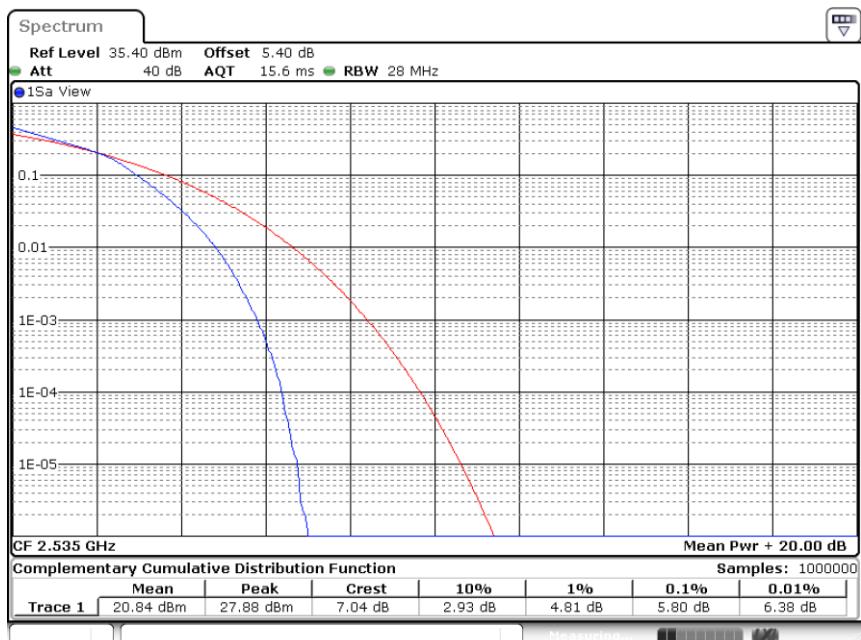
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Band7-20MHz-16QAM-21100-100RB#0



Date: 13.APR.2021 13:41:26

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



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Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.

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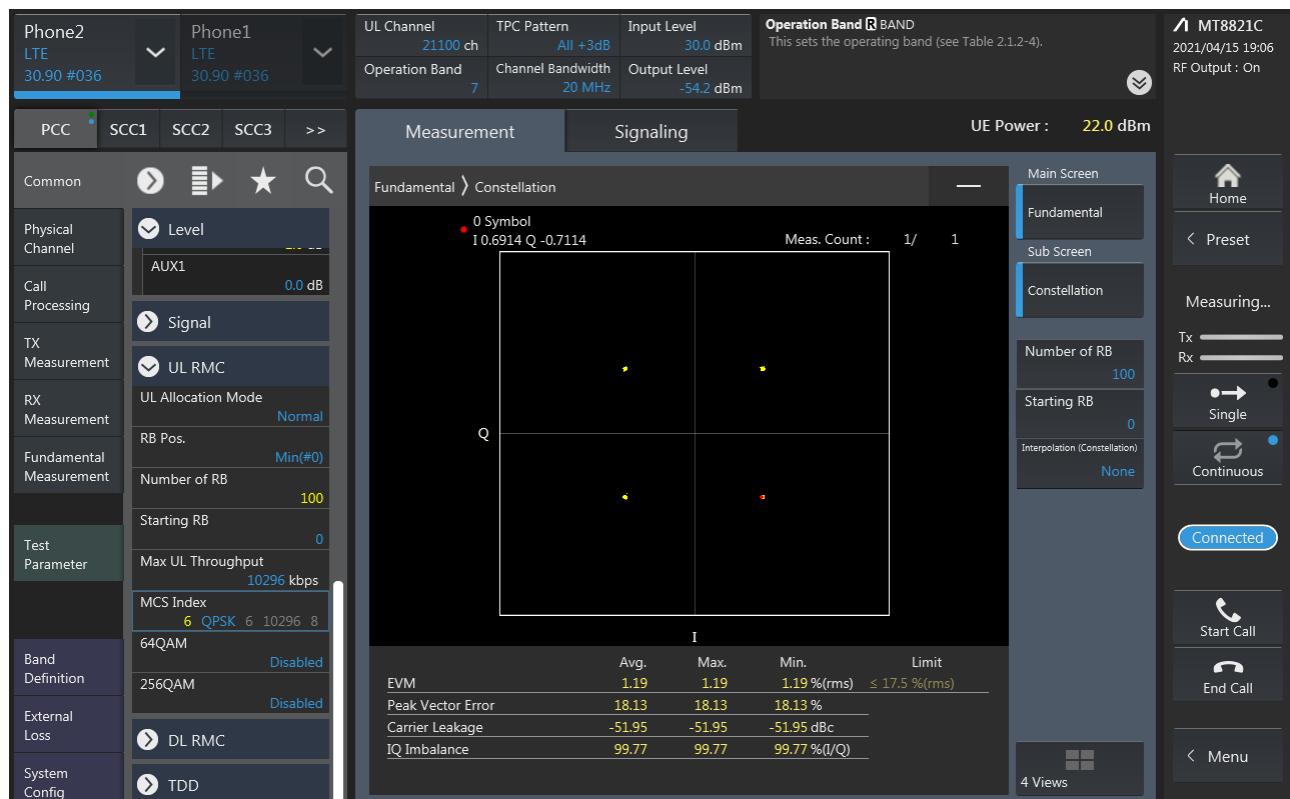
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



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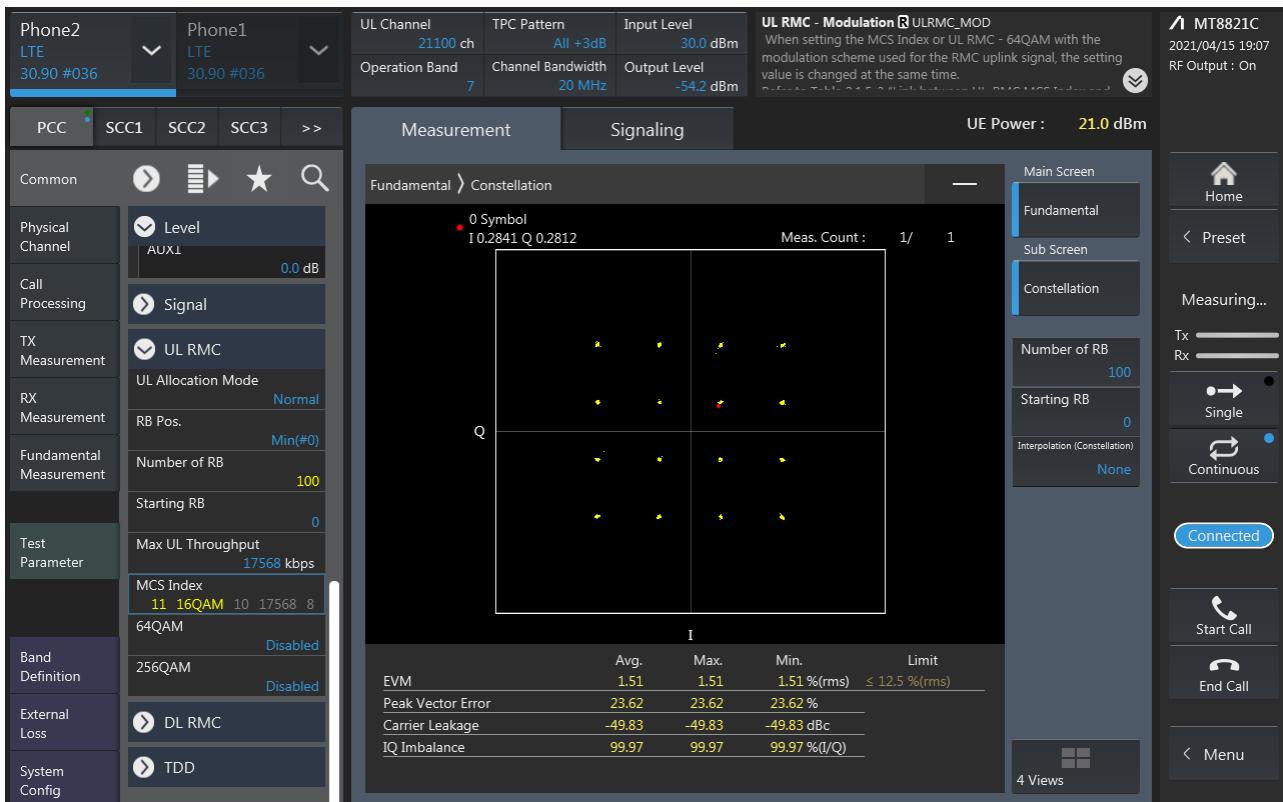


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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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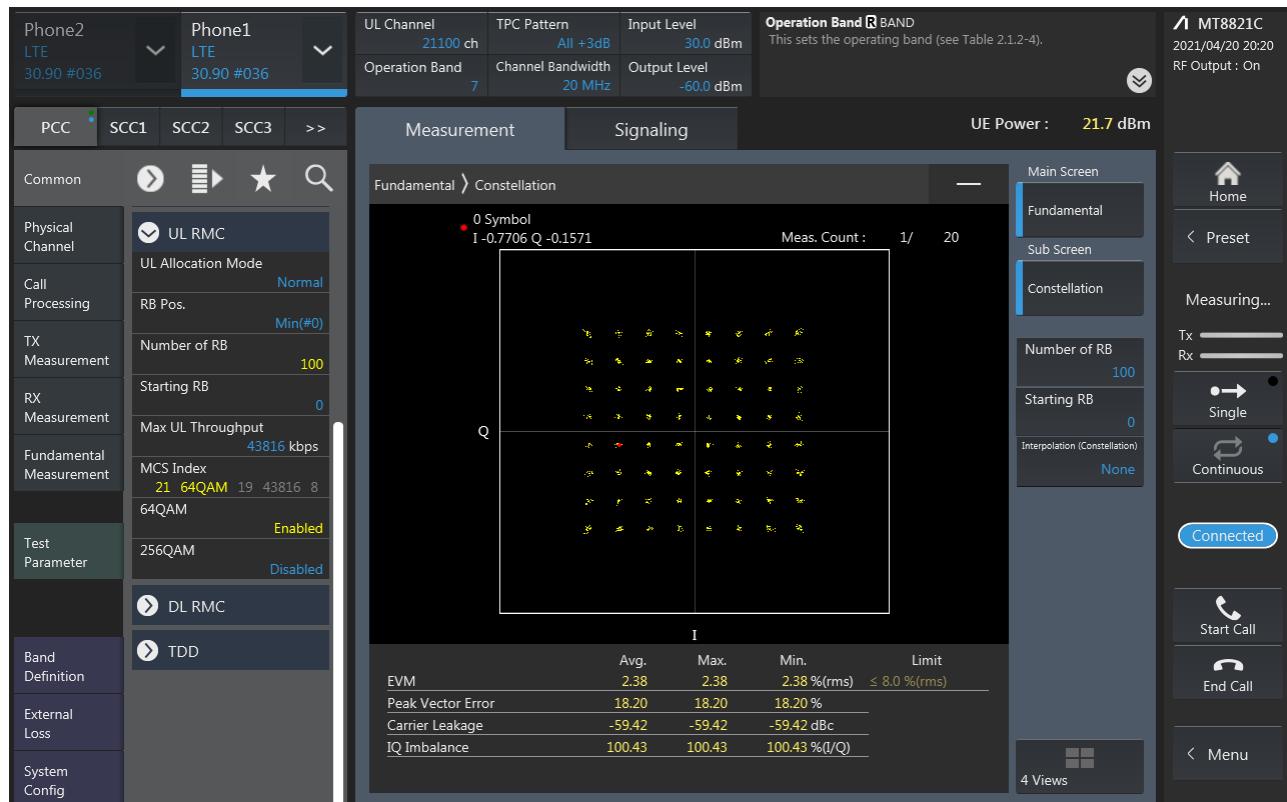
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3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH



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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	4.900	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.466	4.920	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.900	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.910	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.920	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.930	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.930	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.940	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.780	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.800	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.951	9.820	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.951	9.780	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.951	9.800	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.951	9.760	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.820	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.820	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.951	9.780	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	15.060	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	15.060	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.457	14.940	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	15.000	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.487	15.000	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.487	14.970	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.487	15.060	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	15.060	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	15.000	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.942	19.840	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.942	19.720	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.942	19.800	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.942	19.760	PASS

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Band7	20MHz	64QAM	21100	100RB#0	17.942	19.800	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.640	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.982	19.800	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.902	19.720	PASS

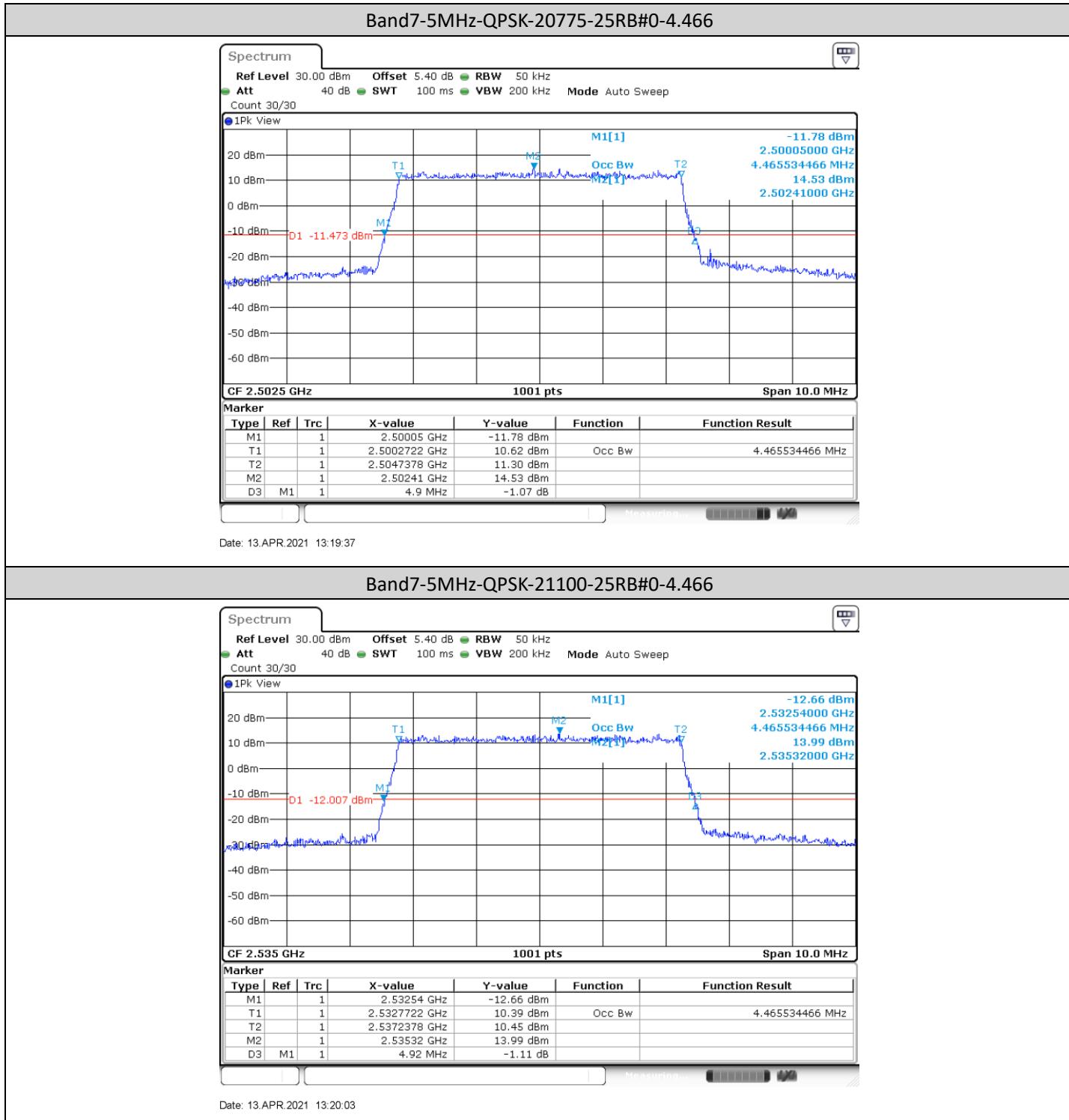
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4.2. Test Plots



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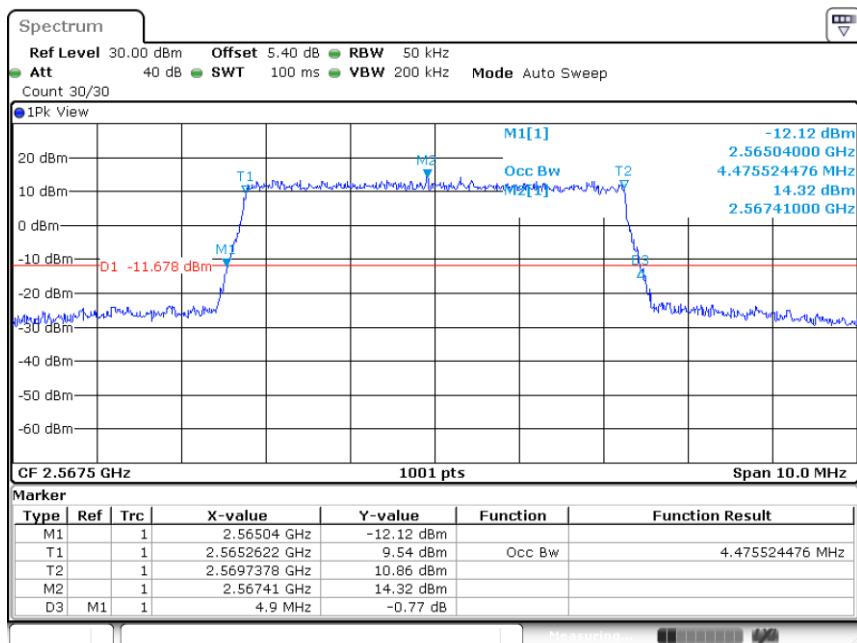
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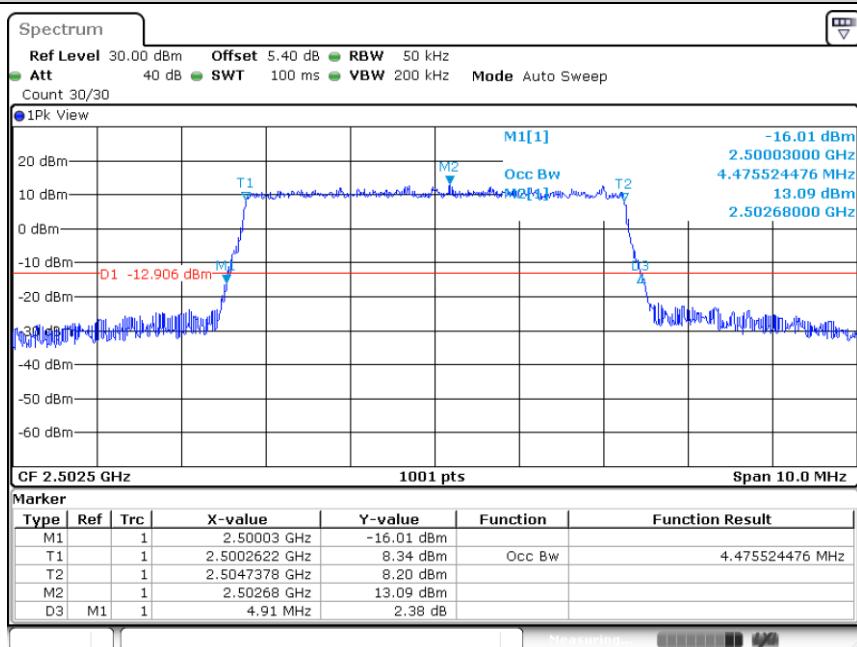
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Band7-5MHz-QPSK-21425-25RB#0-4.476



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Band7-5MHz-64QAM-20775-25RB#0-4.476



Date: 13.APR.2021 23:57:24

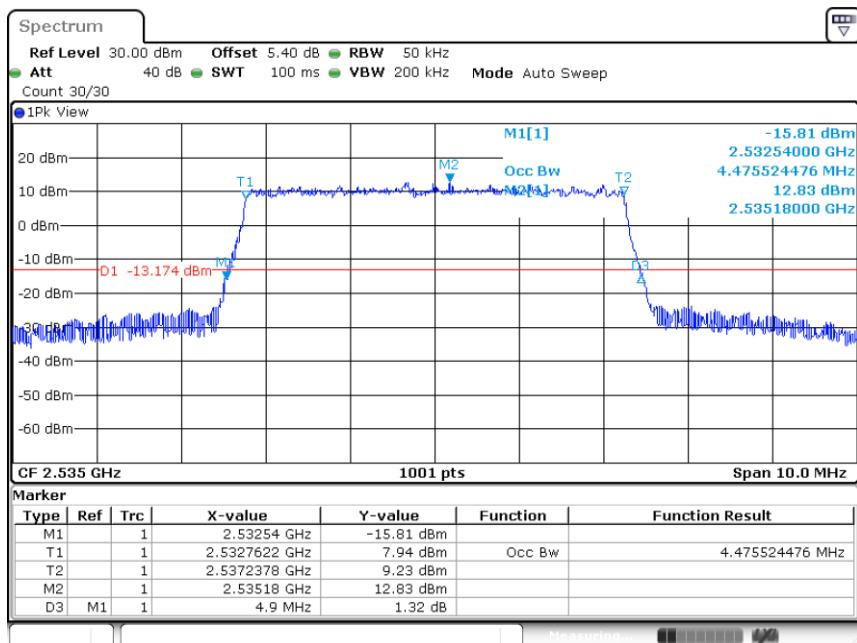
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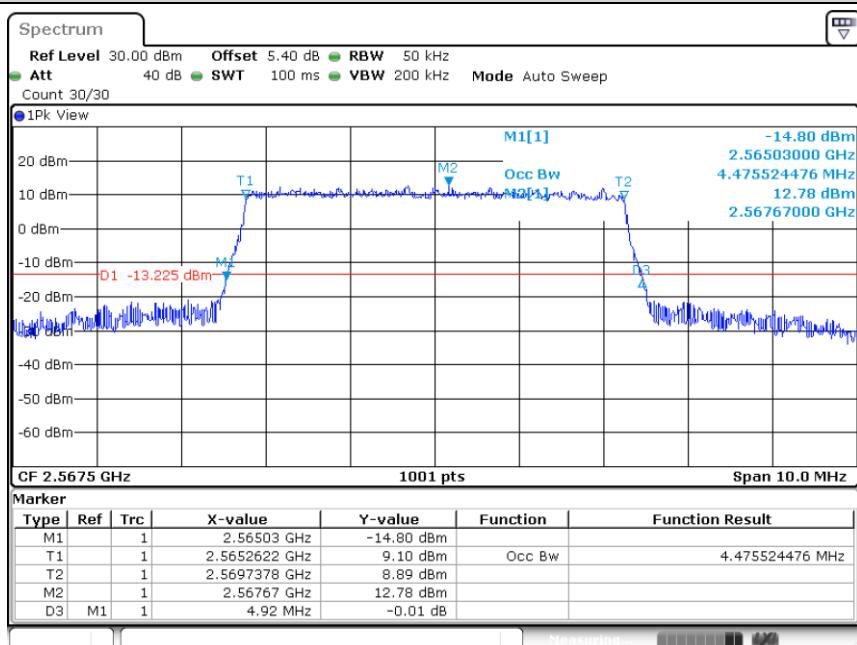
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Band7-5MHz-64QAM-21100-25RB#0-4.476



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Band7-5MHz-64QAM-21425-25RB#0-4.476



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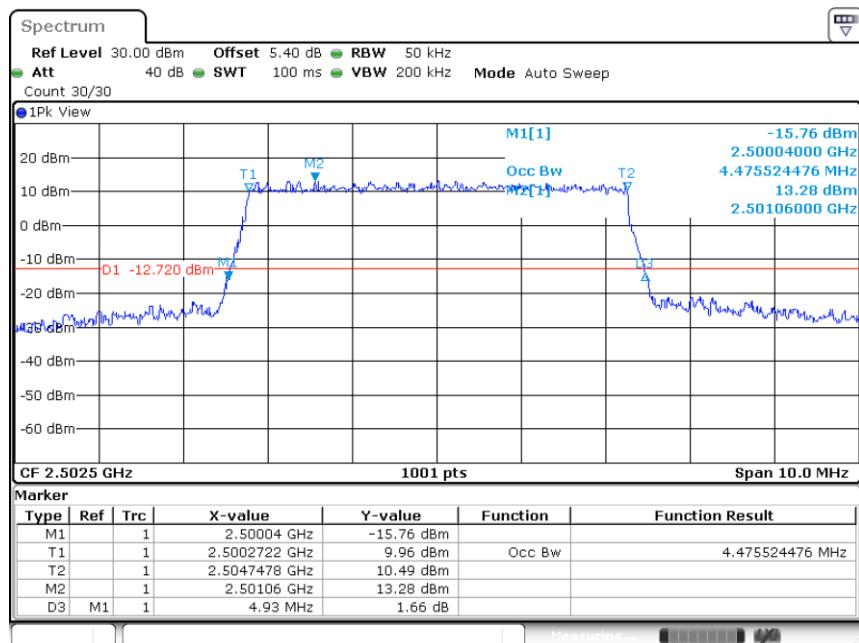
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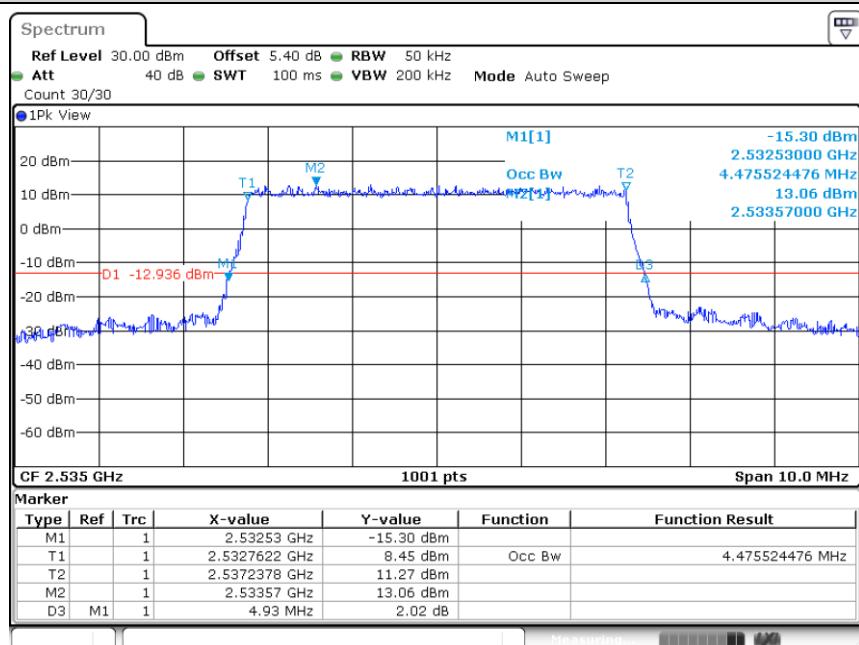
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Band7-5MHz-16QAM-20775-25RB#0-4.476



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Band7-5MHz-16QAM-21100-25RB#0-4.476



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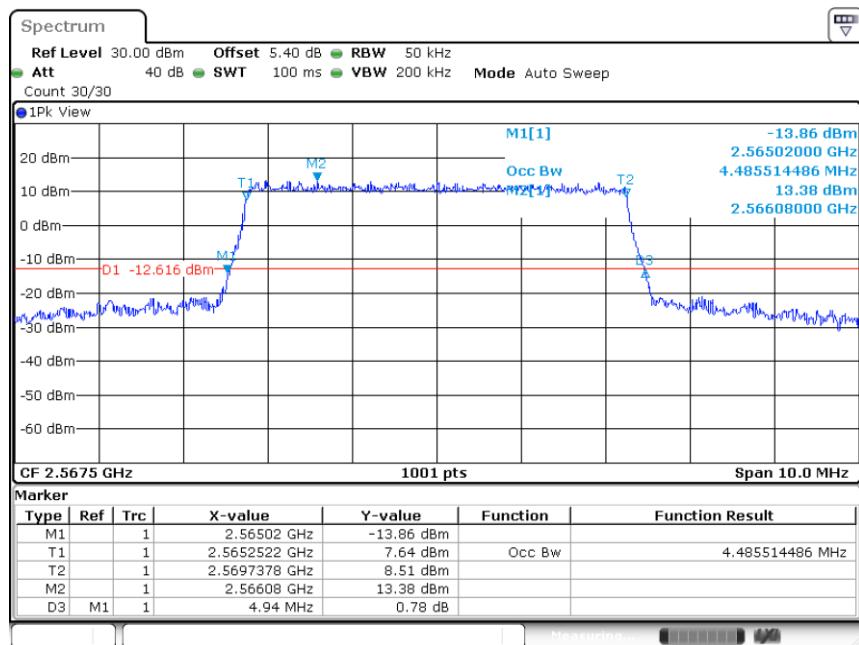
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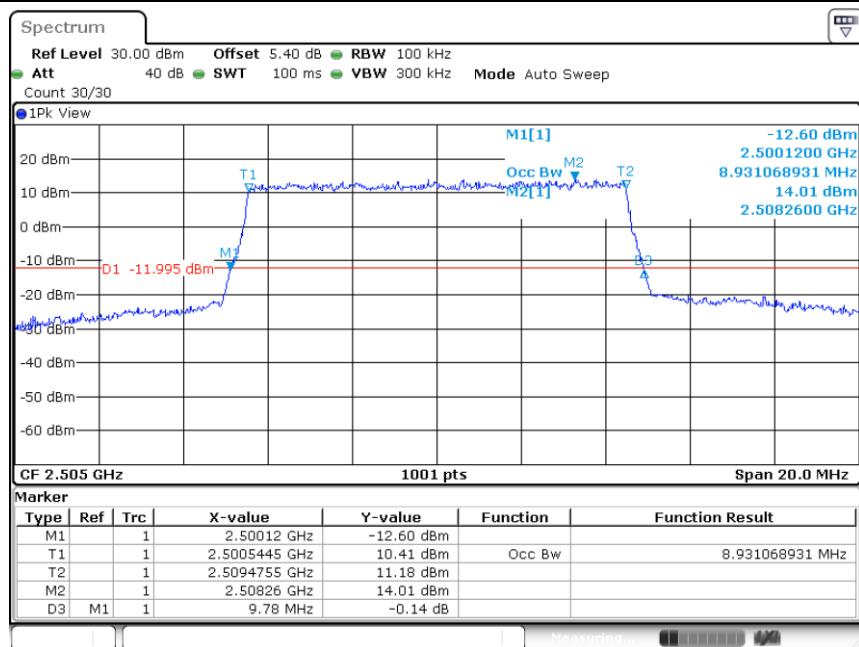
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Band7-5MHz-16QAM-21425-25RB#0-4.486



Date: 13.APR.2021 13:20:41

Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 13.APR.2021 13:20:58

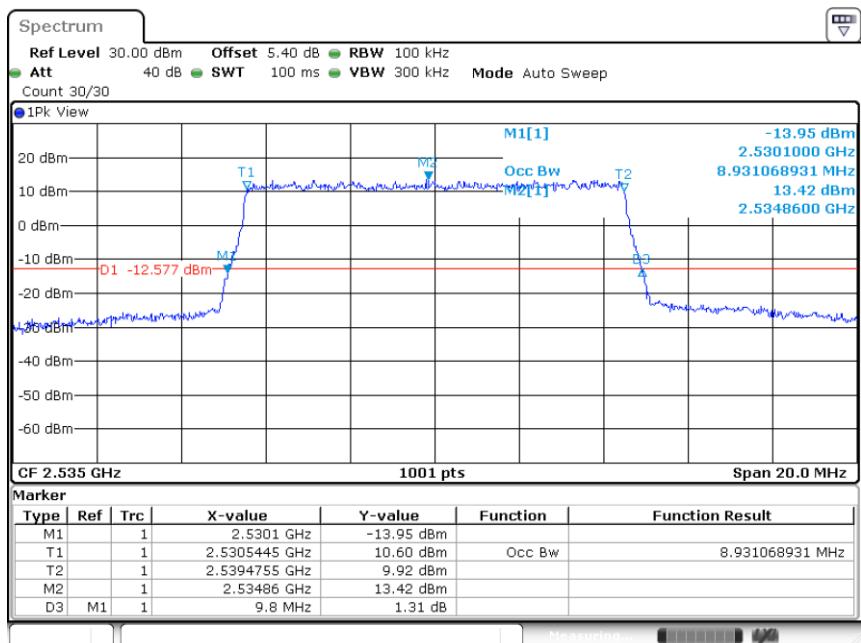
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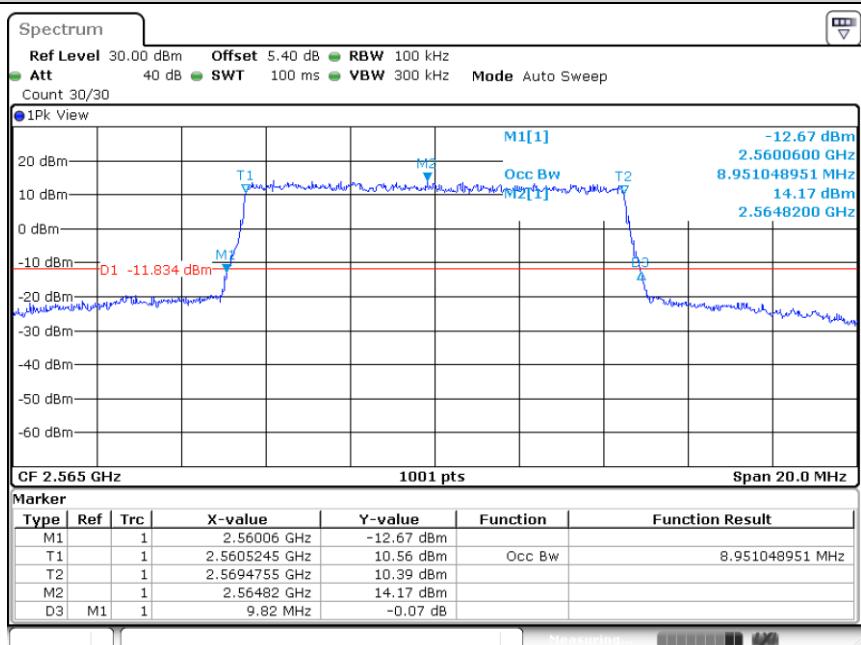
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Band7-10MHz-QPSK-21100-50RB#0-8.931



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Band7-10MHz-QPSK-21400-50RB#0-8.951

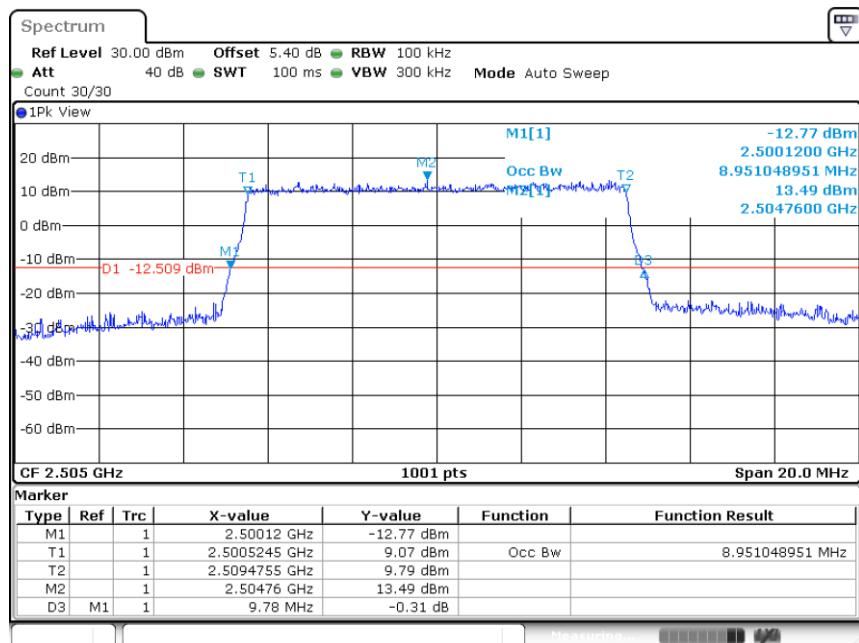


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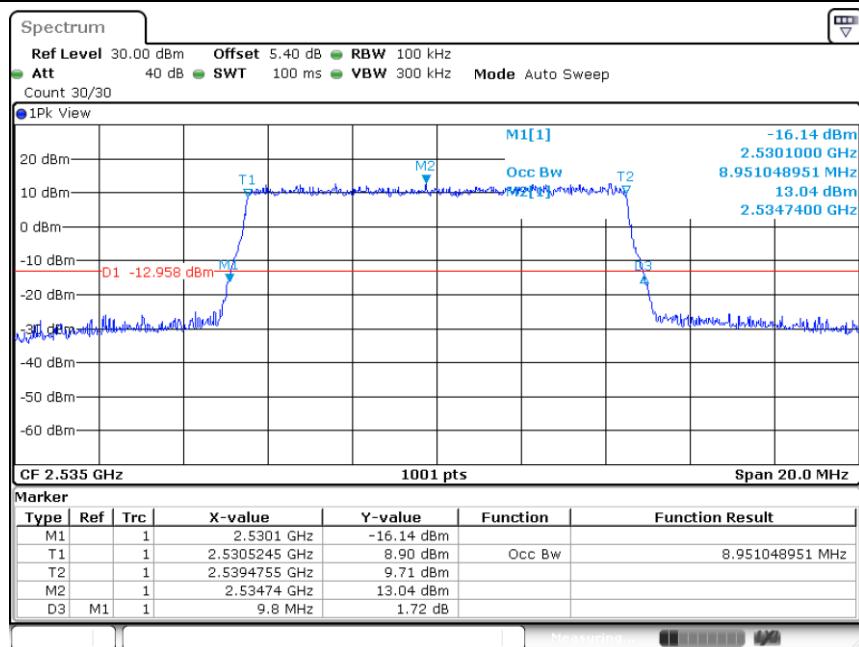
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Band7-10MHz-64QAM-20800-50RB#0-8.951



Date: 13.APR.2021 23:58:10

Band7-10MHz-64QAM-21100-50RB#0-8.951



Date: 13.APR.2021 23:58:23

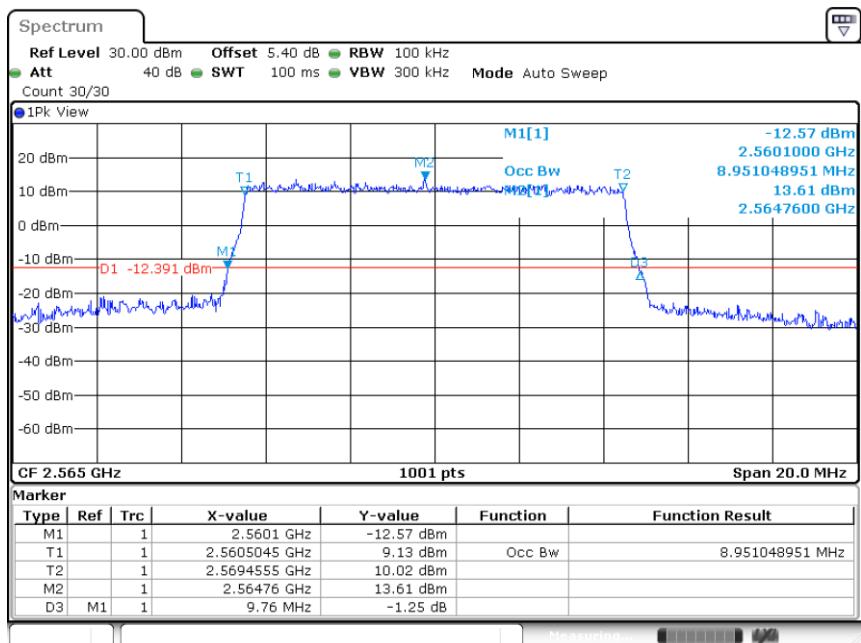
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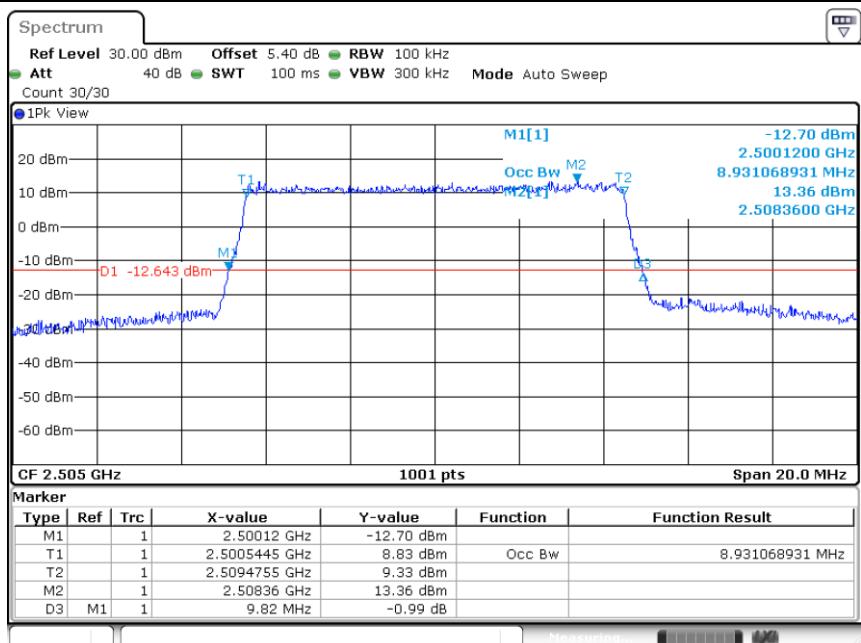
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Band7-10MHz-64QAM-21400-50RB#0-8.951



Date: 13 APR 2021 23:58:36

Band7-10MHz-16QAM-20800-50RB#0-8.931



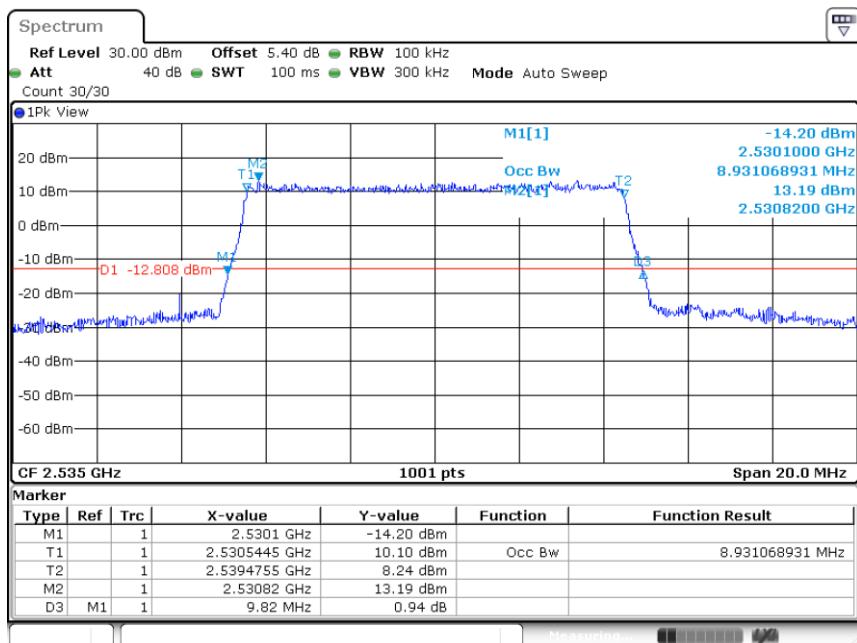
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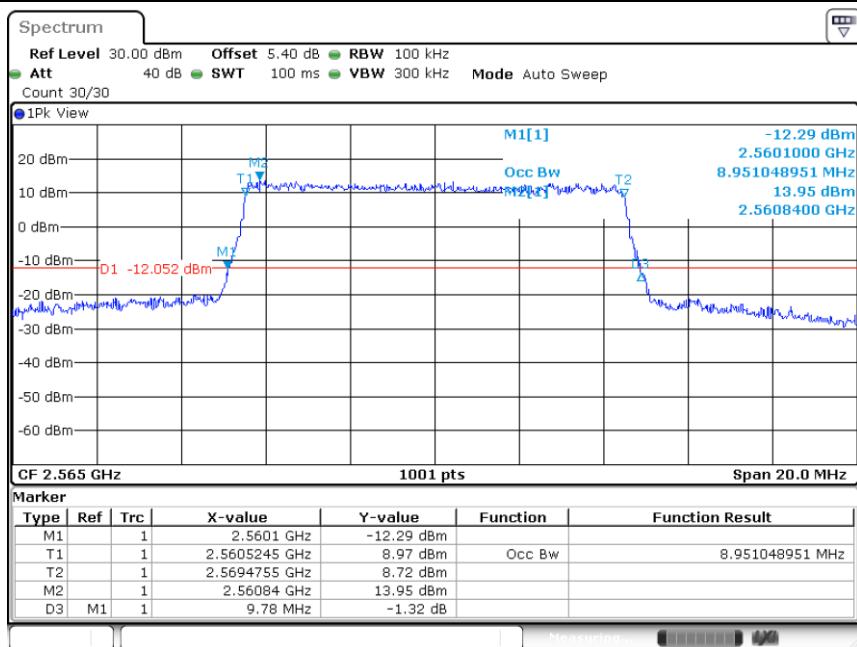


Band7-10MHz-16QAM-21100-50RB#0-8.931



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Band7-10MHz-16QAM-21400-50RB#0-8.951



Date: 13.APR.2021 13:22:02

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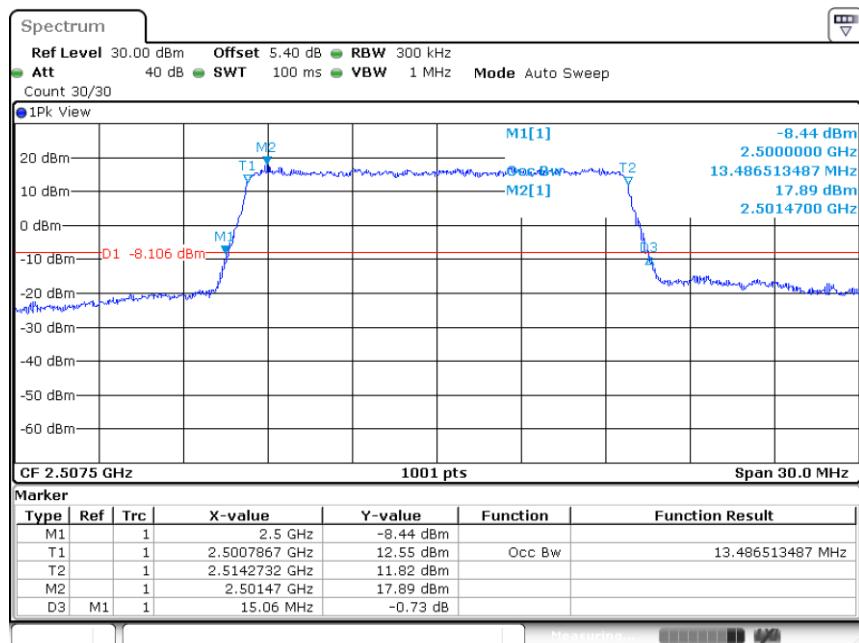
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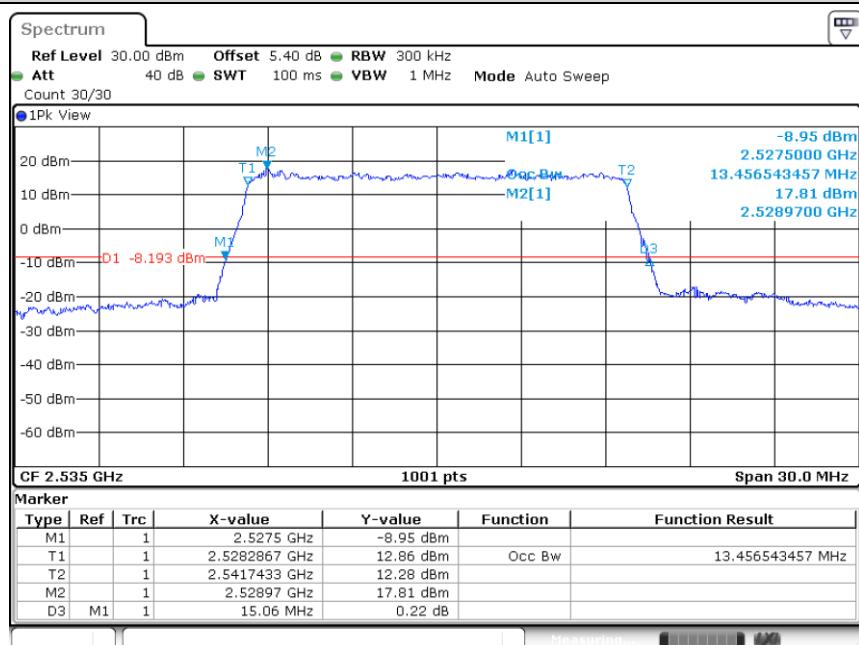
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Band7-15MHz-QPSK-20825-75RB#0-13.487



Date: 13.APR.2021 13:22:20

Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 13.APR.2021 13:22:45

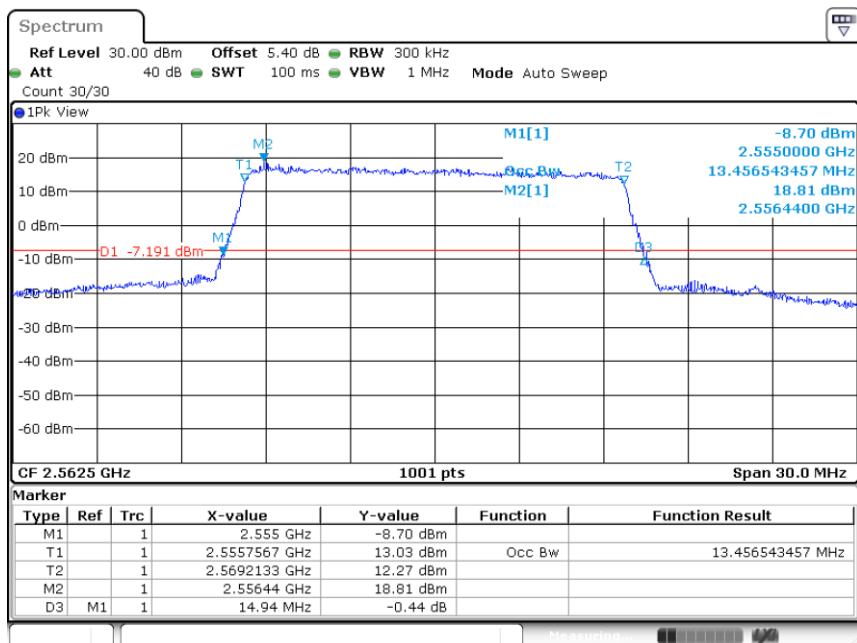
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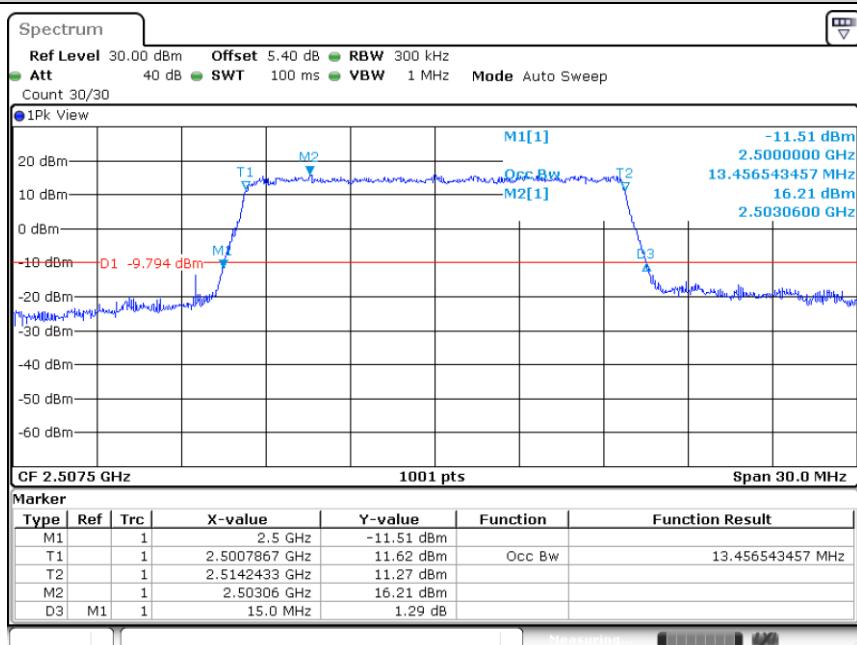
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Band7-15MHz-QPSK-21375-75RB#0-13.457



Date: 13.APR.2021 13:23:11

Band7-15MHz-64QAM-20825-75RB#0-13.457



Date: 13.APR.2021 23:58:53

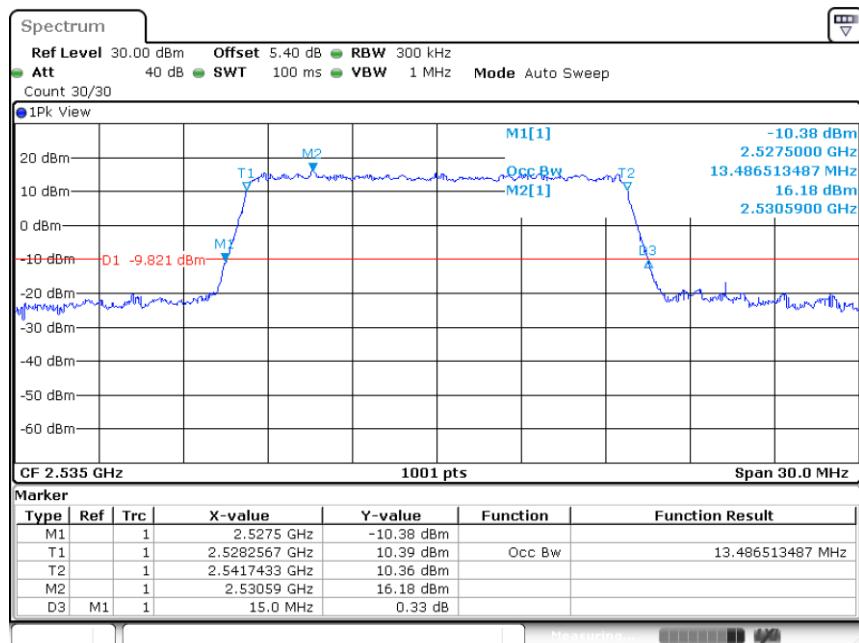
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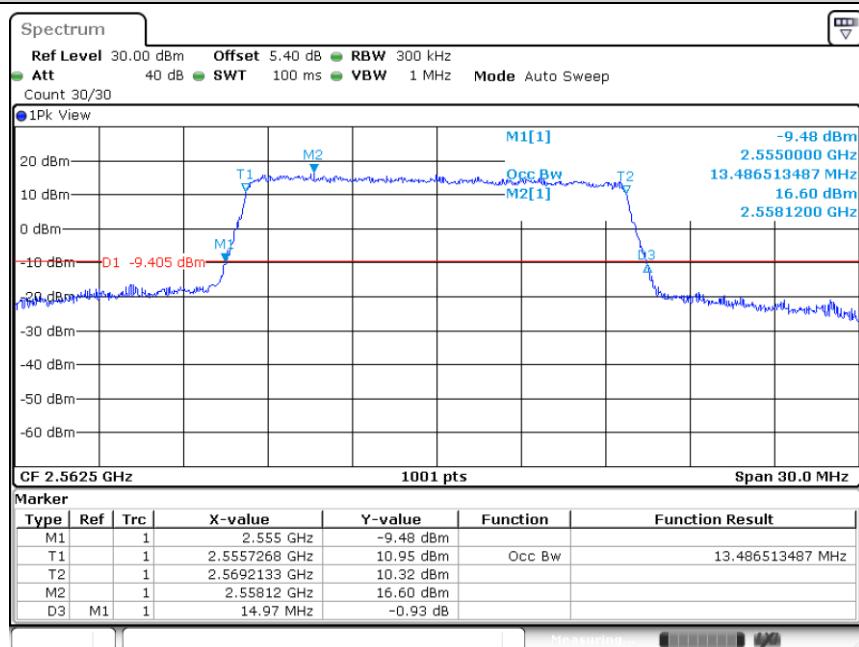
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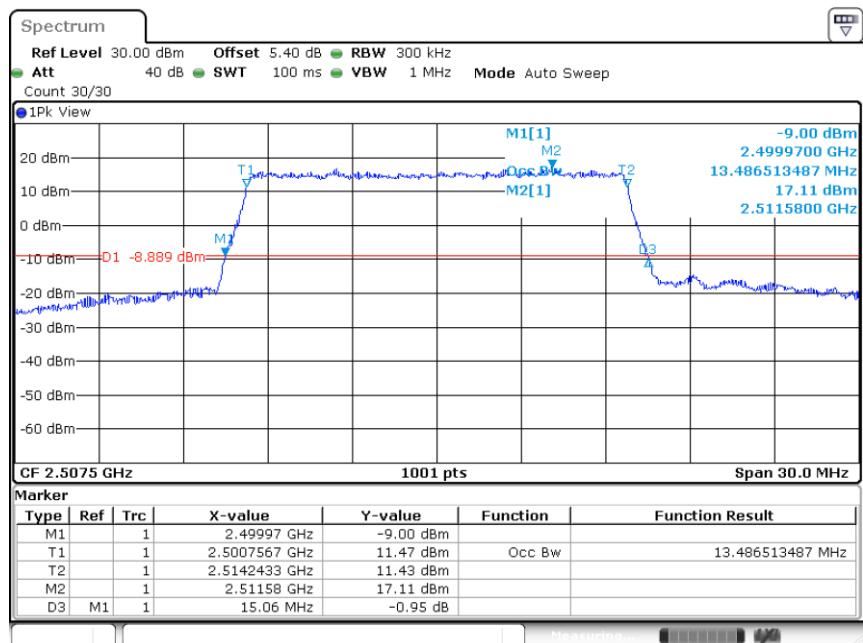


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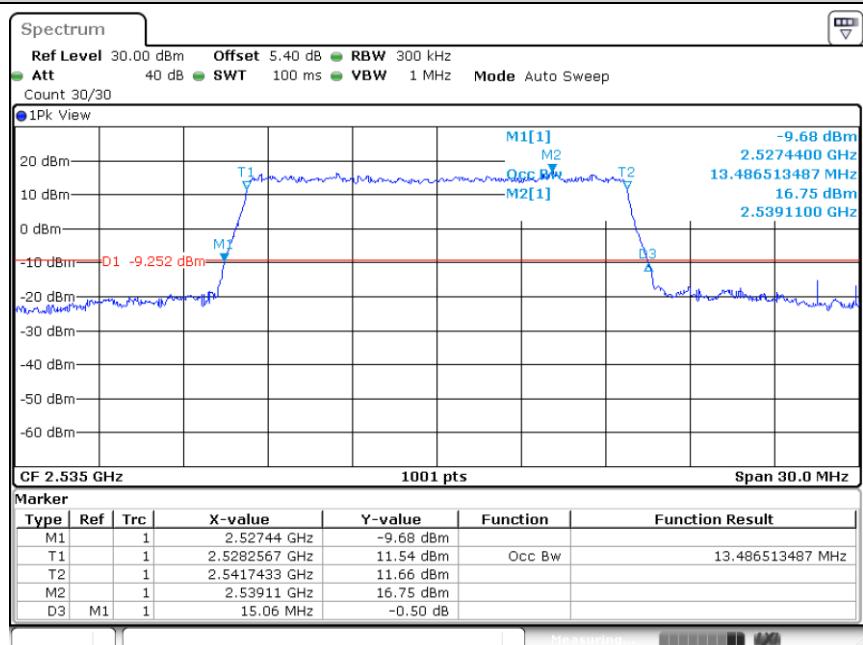


Band7-15MHz-16QAM-20825-75RB#0-13.487



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Band7-15MHz-16QAM-21100-75RB#0-13.487



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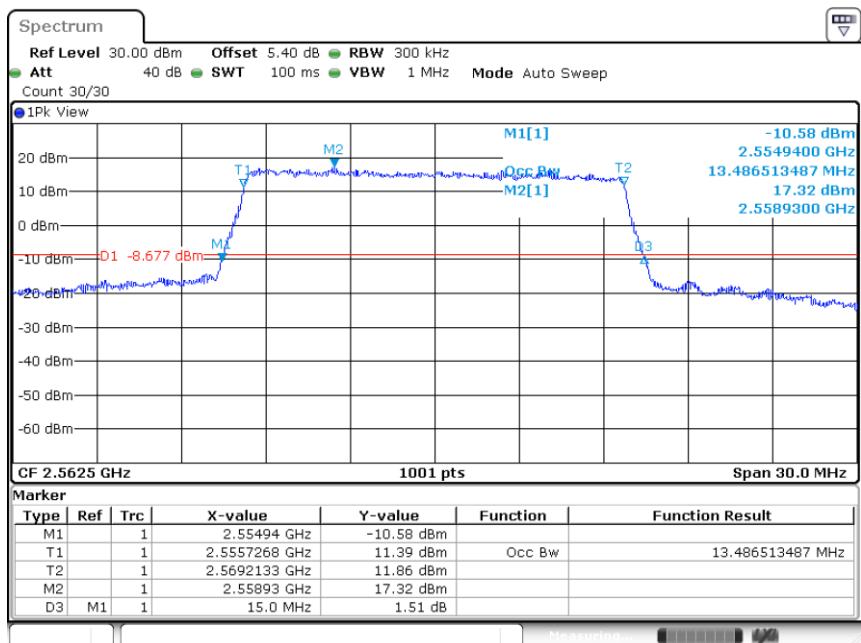
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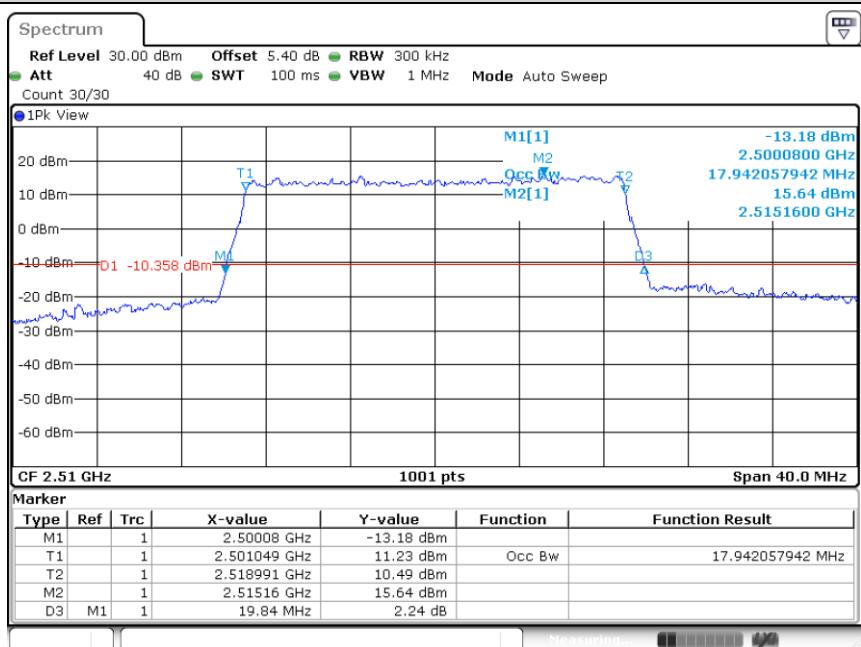
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Band7-15MHz-16QAM-21375-75RB#0-13.487



Date: 13.APR.2021 13:23:24

Band7-20MHz-QPSK-20850-100RB#0-17.942



Date: 13.APR.2021 13:23:41

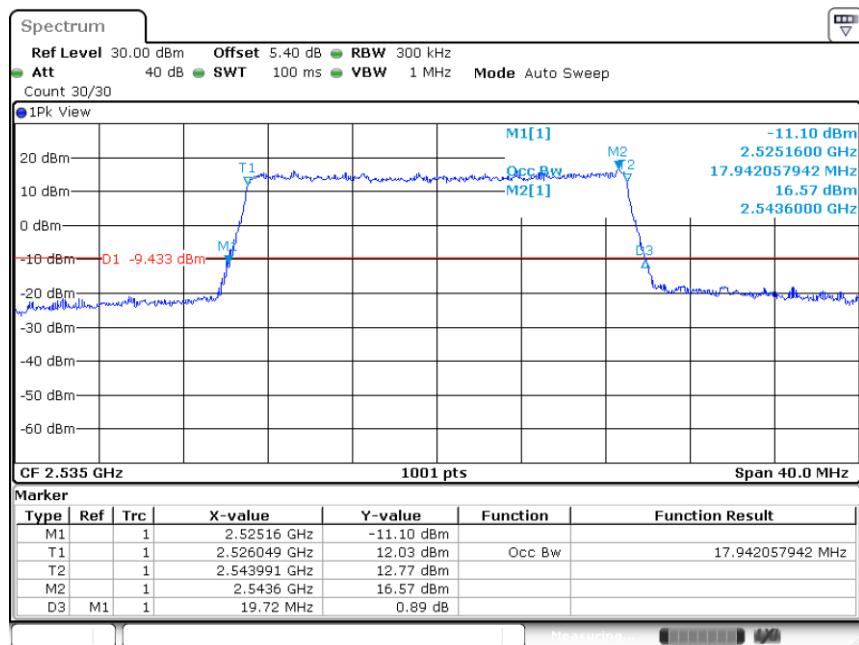
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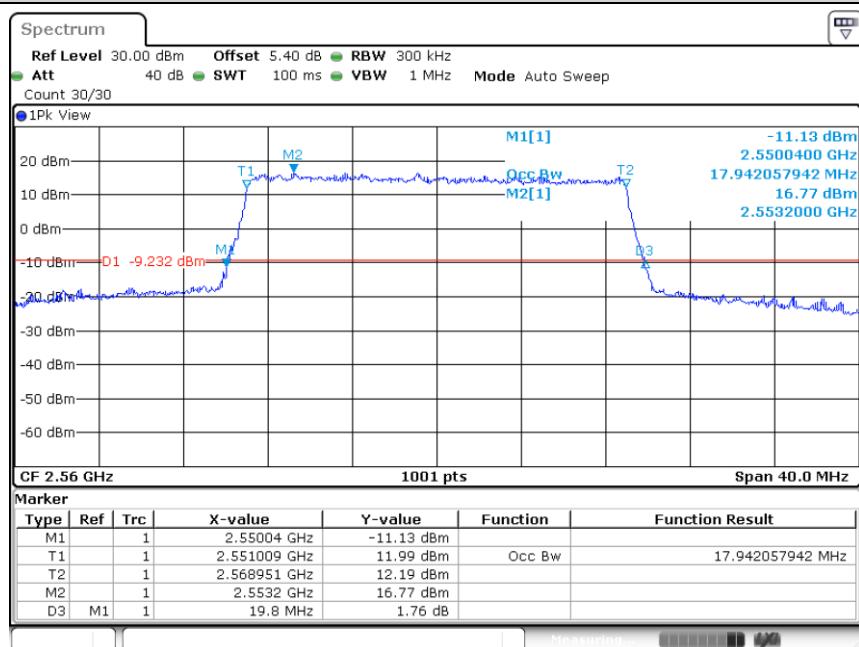
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