



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.89	23.29	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	24.04	23.44	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.94	23.34	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	23.15	22.55	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	23.12	22.52	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	23.20	22.60	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.16	22.56	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.97	23.37	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.98	23.38	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	24.07	23.47	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.17	22.57	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	23.22	22.62	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	23.21	22.61	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.13	22.53	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.08	23.48	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.08	23.48	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.94	23.34	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	23.16	22.56	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	23.18	22.58	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	23.13	22.53	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.13	22.53	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.17	21.57	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.11	21.51	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.25	21.65	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	21.19	20.59	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	21.88	21.28	33.00	PASS



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Band7	5MHz	64QAM	20775	12RB#13	21.89	21.29	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.18	20.58	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	22.16	21.56	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	22.15	21.55	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.13	21.53	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	21.61	21.01	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.97	20.37	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	21.16	20.56	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	21.70	21.10	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	22.07	21.47	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.24	21.64	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.23	21.63	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	21.25	20.65	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	21.69	21.09	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	21.90	21.30	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.12	20.52	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.53	22.93	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.57	22.97	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.51	22.91	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.08	21.48	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.13	21.53	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.16	21.56	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.04	21.44	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.20	22.60	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.07	22.47	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.28	22.68	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	22.18	21.58	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	22.28	21.68	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	22.21	21.61	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.14	21.54	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.62	23.02	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.13	22.53	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.59	22.99	33.00	PASS



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Band7	5MHz	16QAM	21425	12RB#0	22.21	21.61	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.25	21.65	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.17	21.57	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.23	21.63	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	24.02	23.42	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.97	23.37	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.00	23.40	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.00	22.40	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	23.17	22.57	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	23.04	22.44	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	23.24	22.64	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.95	23.35	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	24.03	23.43	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.01	23.41	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	23.07	22.47	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.22	22.62	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	23.23	22.63	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.09	22.49	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	24.02	23.42	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.05	23.45	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.07	23.47	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	23.21	22.61	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.23	22.63	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	23.22	22.62	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.17	22.57	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.97	21.37	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.97	21.37	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.89	21.29	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	21.97	21.37	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	21.17	20.57	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	21.40	20.80	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	21.65	21.05	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	22.04	21.44	33.00	PASS



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Band7	10MHz	64QAM	21100	1RB#0	21.99	21.39	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.87	21.27	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	21.86	21.26	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	21.70	21.10	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	21.95	21.35	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	21.59	20.99	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.96	21.36	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.90	21.30	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.90	21.30	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	21.12	20.52	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.97	20.37	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	21.48	20.88	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.78	20.18	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.02	22.42	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.96	22.36	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.30	22.70	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.08	21.48	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.04	21.44	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.15	21.55	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.07	21.47	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.95	22.35	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.50	22.90	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.32	22.72	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.00	21.40	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.26	21.66	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.23	21.63	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.24	21.64	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.34	22.74	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.08	22.48	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.59	22.99	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.19	21.59	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.23	21.63	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.25	21.65	33.00	PASS



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Band7	10MHz	16QAM	21400	50RB#0	22.22	21.62	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.87	23.27	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.97	23.37	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	24.06	23.46	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	22.87	22.27	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	23.02	22.42	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	23.04	22.44	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.02	22.42	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.82	23.22	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.94	23.34	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.04	23.44	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	22.96	22.36	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	23.02	22.42	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	23.07	22.47	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.01	22.41	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.88	23.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.96	23.36	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.86	23.26	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	23.09	22.49	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	23.13	22.53	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	23.07	22.47	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.09	22.49	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.94	21.34	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.97	21.37	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.88	21.28	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	20.82	20.22	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	21.72	21.12	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	20.95	20.35	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	21.01	20.41	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	22.06	21.46	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.94	21.34	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.85	21.25	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	21.20	20.60	33.00	PASS



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Band7	15MHz	64QAM	21100	36RB#0	21.97	21.37	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	20.87	20.27	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	21.57	20.97	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.89	21.29	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	22.05	21.45	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.85	21.25	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	21.43	20.83	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	21.46	20.86	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	21.88	21.28	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	21.56	20.96	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	23.07	22.47	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.12	22.52	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	23.45	22.85	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	21.83	21.23	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	22.07	21.47	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	22.14	21.54	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.03	21.43	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.40	22.80	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.59	22.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.25	22.65	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	22.02	21.42	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	22.06	21.46	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	22.13	21.53	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.92	21.32	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.02	22.42	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.38	22.78	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.15	22.55	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	22.02	21.42	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	22.12	21.52	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	22.09	21.49	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.21	21.61	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.67	23.07	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.83	23.23	33.00	PASS



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Band7	20MHz	QPSK	20850	1RB#99	24.53	23.93	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.82	22.22	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	23.01	22.41	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.94	22.34	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.98	22.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.86	23.26	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	24.06	23.46	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.02	23.42	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.94	22.34	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.04	22.44	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	23.04	22.44	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.91	22.31	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.90	23.30	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.83	23.23	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.89	23.29	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	23.01	22.41	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.14	22.54	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	23.07	22.47	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.03	22.43	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.00	21.40	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.06	21.46	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.93	21.33	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	21.24	20.64	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.83	20.23	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.91	20.31	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	21.15	20.55	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	22.04	21.44	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	22.04	21.44	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	22.08	21.48	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	21.18	20.58	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.91	20.31	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	21.58	20.98	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	21.80	21.20	33.00	PASS



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Band7	20MHz	64QAM	21350	1RB#99	21.88	21.28	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.92	21.32	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	22.03	21.43	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.84	20.24	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	21.73	21.13	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.84	20.24	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	21.56	20.96	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.02	22.42	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.12	22.52	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	23.42	22.82	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.88	21.28	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.02	21.42	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	22.10	21.50	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.03	21.43	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.05	22.45	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.34	22.74	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.23	22.63	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.89	21.29	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.96	21.36	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.82	21.22	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.98	21.38	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.40	22.80	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.23	22.63	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.25	22.65	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.05	21.45	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.07	21.47	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.19	21.59	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.08	21.48	33.00	PASS

ANT5:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	18.84	17.34	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	18.91	17.41	33.00	PASS



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Band7	5MHz	QPSK	20775	1RB#24	18.77	17.27	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	18.01	16.51	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	17.94	16.44	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	17.98	16.48	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	17.96	16.46	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	18.84	17.34	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	18.92	17.42	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	18.94	17.44	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	18.01	16.51	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	18.06	16.56	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	18.01	16.51	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	18.00	16.5	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	18.94	17.44	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	18.87	17.37	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	18.83	17.33	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	17.99	16.49	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	18.01	16.51	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	17.96	16.46	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	18.01	16.51	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	16.65	15.15	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	16.97	15.47	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	16.90	15.4	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	15.82	14.32	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	16.05	14.55	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	16.05	14.55	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	16.04	14.54	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	16.86	15.36	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	16.80	15.3	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	16.89	15.39	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	15.80	14.3	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	15.90	14.4	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	15.79	14.29	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	15.89	14.39	33.00	PASS



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Band7	5MHz	64QAM	21425	1RB#0	16.75	15.25	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	16.76	15.26	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	16.97	15.47	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	15.97	14.47	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	15.77	14.27	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	15.94	14.44	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	15.78	14.28	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	18.39	16.89	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	18.48	16.98	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	18.40	16.9	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	16.99	15.49	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	16.94	15.44	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	17.04	15.54	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	16.97	15.47	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	18.22	16.72	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	18.46	16.96	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	18.38	16.88	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	17.02	15.52	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	16.96	15.46	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	17.07	15.57	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	16.90	15.4	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	18.45	16.95	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	18.10	16.6	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	18.48	16.98	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	16.95	15.45	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	17.03	15.53	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	17.01	15.51	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	17.06	15.56	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	18.96	17.46	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	18.81	17.31	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	18.92	17.42	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	17.89	16.39	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	18.02	16.52	33.00	PASS



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Band7	10MHz	QPSK	20800	25RB#25	17.95	16.45	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	18.04	16.54	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	18.91	17.41	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	18.94	17.44	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	18.93	17.43	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	17.94	16.44	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	17.96	16.46	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	18.07	16.57	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	17.99	16.49	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	18.95	17.45	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	18.96	17.46	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	18.96	17.46	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	17.97	16.47	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	18.07	16.57	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	18.03	16.53	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	18.11	16.61	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	16.65	15.15	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	16.83	15.33	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	16.85	15.35	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	15.91	14.41	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	15.97	14.47	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	15.99	14.49	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	15.87	14.37	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	16.99	15.49	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	16.76	15.26	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	16.73	15.23	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	16.08	14.58	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	15.84	14.34	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	15.88	14.38	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	15.86	14.36	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	16.98	15.48	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	16.90	15.4	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	16.74	15.24	33.00	PASS



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Band7	10MHz	64QAM	21400	25RB#25	15.88	14.38	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	16.03	14.53	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	15.84	14.34	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	15.75	14.25	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	18.40	16.9	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	18.37	16.87	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	18.47	16.97	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	16.97	15.47	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	17.06	15.56	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	17.12	15.62	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	16.94	15.44	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	18.46	16.96	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	18.39	16.89	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	18.03	16.53	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	16.97	15.47	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	17.04	15.54	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	17.07	15.57	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	16.99	15.49	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	18.43	16.93	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	18.48	16.98	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	18.58	17.08	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	17.02	15.52	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	17.12	15.62	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	17.08	15.58	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	16.87	15.37	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	18.82	17.32	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	18.81	17.31	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	18.84	17.34	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	17.83	16.33	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	17.89	16.39	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	17.92	16.42	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	17.86	16.36	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	18.70	17.2	33.00	PASS



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Band7	15MHz	QPSK	21100	1RB#38	18.76	17.26	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	18.91	17.41	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	17.89	16.39	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	17.84	16.34	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	17.95	16.45	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	17.78	16.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	18.78	17.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	18.79	17.29	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	18.71	17.21	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	17.88	16.38	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	17.98	16.48	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	17.97	16.47	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	18.00	16.5	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	17.00	15.5	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	16.75	15.25	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	16.71	15.21	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	15.87	14.37	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	15.93	14.43	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	15.96	14.46	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	15.86	14.36	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	16.85	15.35	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	16.84	15.34	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	16.76	15.26	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	15.98	14.48	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	15.77	14.27	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	16.05	14.55	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	15.96	14.46	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	16.73	15.23	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	16.90	15.4	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	16.98	15.48	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	15.91	14.41	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	15.96	14.46	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	15.75	14.25	33.00	PASS



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Band7	15MHz	64QAM	21375	75RB#0	16.05	14.55	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	17.99	16.49	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	18.35	16.85	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	18.43	16.93	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	16.83	15.33	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	16.93	15.43	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	16.95	15.45	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	16.87	15.37	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	18.21	16.71	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	18.34	16.84	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	18.44	16.94	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	16.87	15.37	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	16.89	15.39	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	16.93	15.43	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	16.83	15.33	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	18.28	16.78	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	17.83	16.33	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	17.96	16.46	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	16.94	15.44	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	17.00	15.5	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	16.93	15.43	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	16.93	15.43	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	18.88	17.38	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	18.85	17.35	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	18.97	17.47	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	17.88	16.38	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	17.92	16.42	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	17.98	16.48	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.90	16.4	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	18.79	17.29	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	18.80	17.3	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	18.85	17.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	17.80	16.3	33.00	PASS



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Band7	20MHz	QPSK	21100	50RB#25	17.83	16.33	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	17.92	16.42	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.85	16.35	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	18.71	17.21	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	18.74	17.24	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	18.88	17.38	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	17.81	16.31	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	17.88	16.38	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	17.95	16.45	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.85	16.35	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	16.98	15.48	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	16.85	15.35	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	16.87	15.37	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	15.87	14.37	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	16.04	14.54	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	15.80	14.3	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	15.84	14.34	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	16.83	15.33	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	16.74	15.24	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	16.92	15.42	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	16.06	14.56	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	16.02	14.52	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	15.87	14.37	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	15.87	14.37	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	16.91	15.41	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	16.89	15.39	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	16.76	15.26	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	16.07	14.57	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	15.96	14.46	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	15.88	14.38	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	16.02	14.52	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	18.03	16.53	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	18.15	16.65	33.00	PASS



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Band7	20MHz	16QAM	20850	1RB#99	18.06	16.56	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	16.89	15.39	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	16.89	15.39	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	16.92	15.42	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	16.85	15.35	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	18.36	16.86	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	18.37	16.87	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	18.01	16.51	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	16.80	15.3	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	16.78	15.28	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	16.95	15.45	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	16.85	15.35	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	18.25	16.75	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	18.36	16.86	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	17.94	16.44	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	16.89	15.39	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	16.86	15.36	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	16.93	15.43	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	16.94	15.44	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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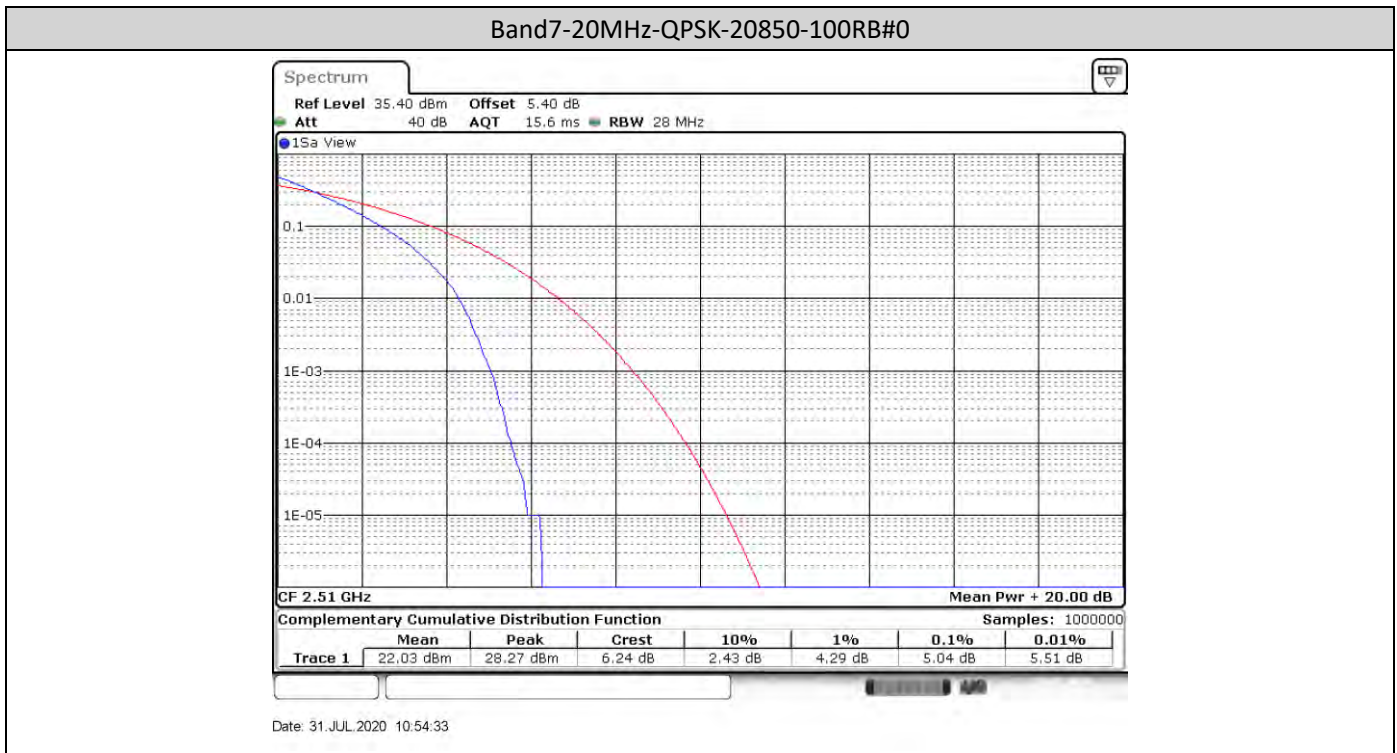


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	5.04	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.25	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.38	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.46	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.43	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.41	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.03	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.42	13	PASS

2.2. Test Plots

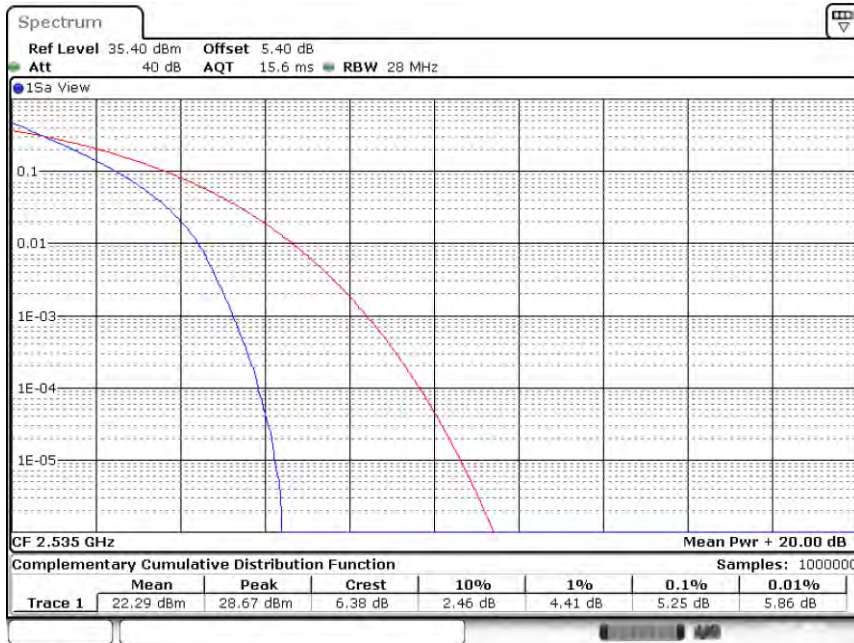


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Band7-20MHz-QPSK-21100-100RB#0



Date: 31 JUL 2020 10:54:55

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

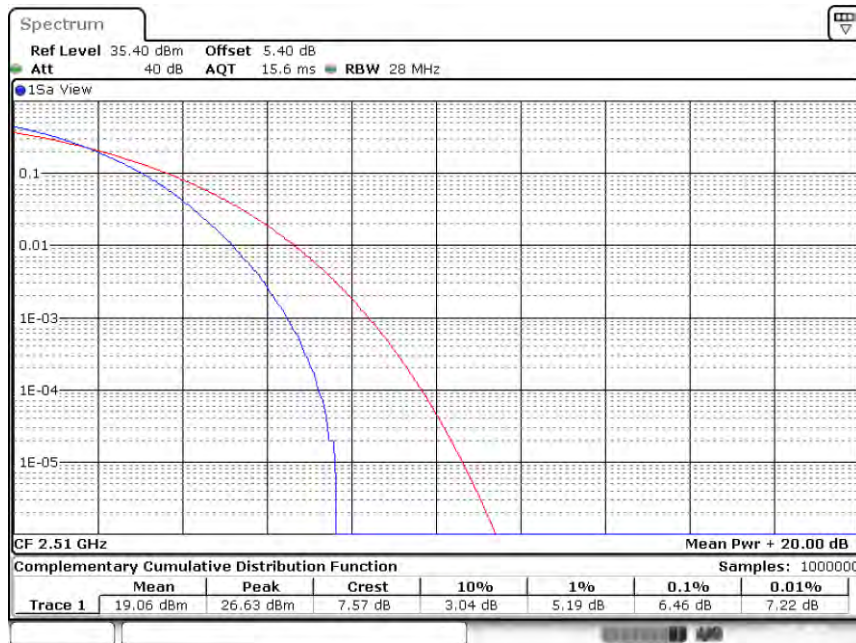


Date: 31 JUL 2020 10:55:18



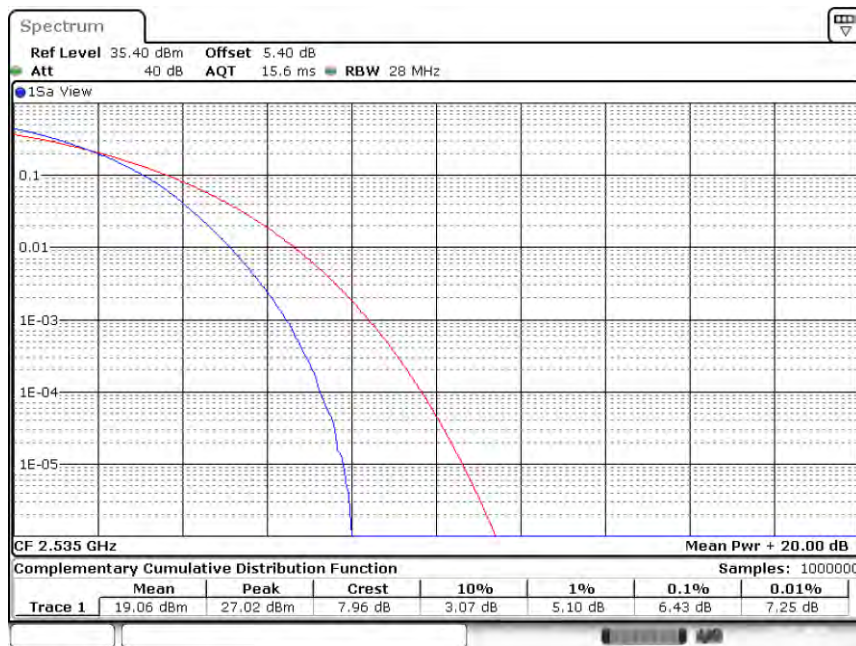
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Band7-20MHz-64QAM-20850-100RB#0



Date: 31 JUL 2020 14:51:50

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

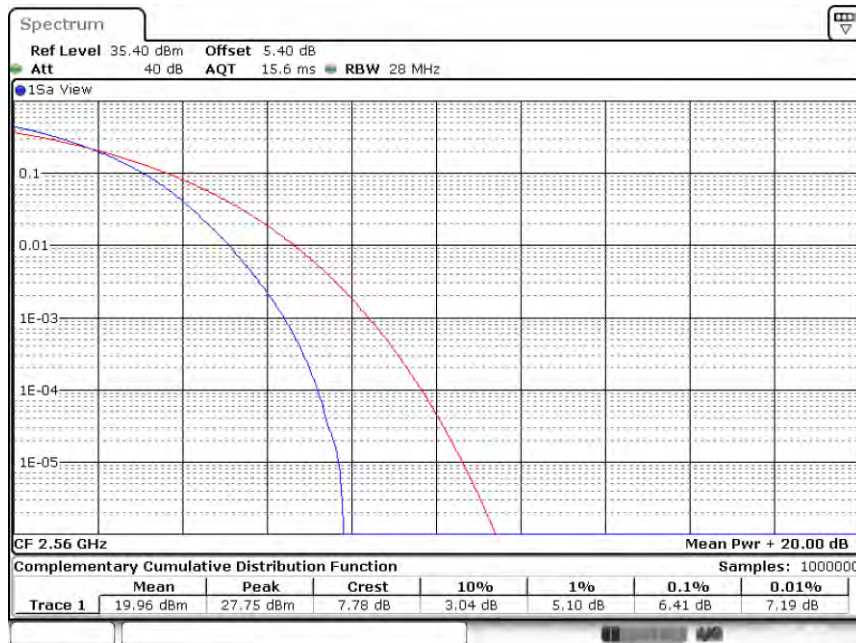


Date: 31 JUL 2020 14:52:01



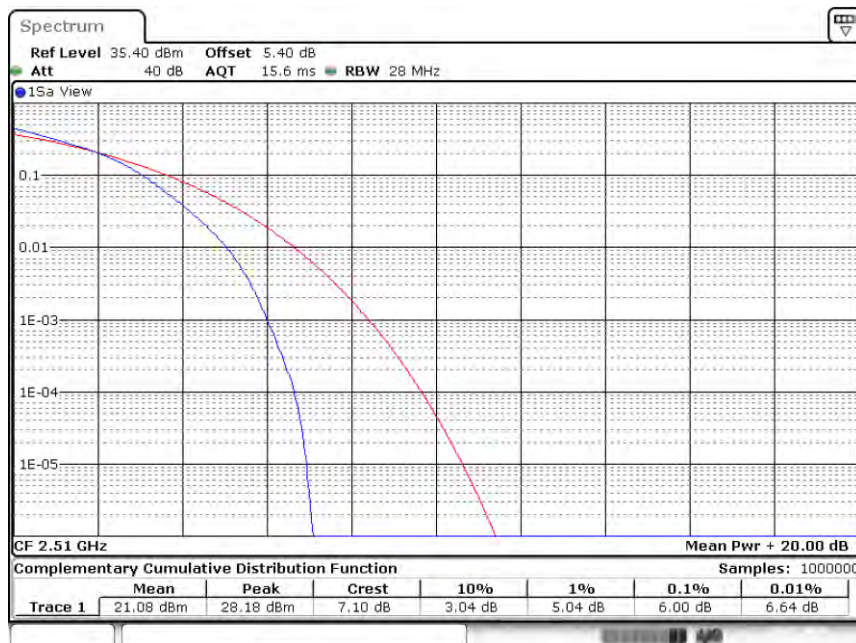
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Band7-20MHz-64QAM-21350-100RB#0



Date: 31 JUL 2020 14:52:12

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

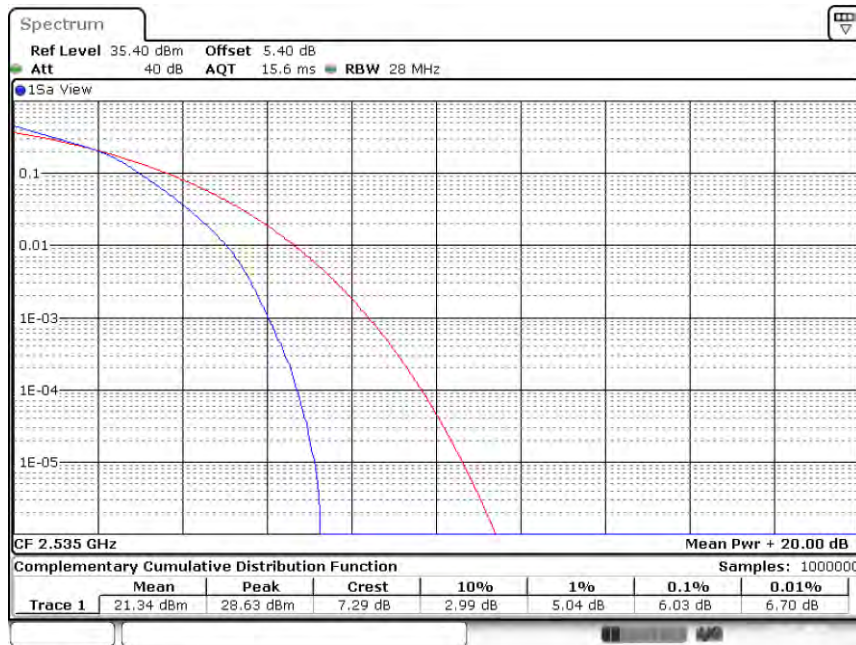


Date: 31 JUL 2020 10:54:44



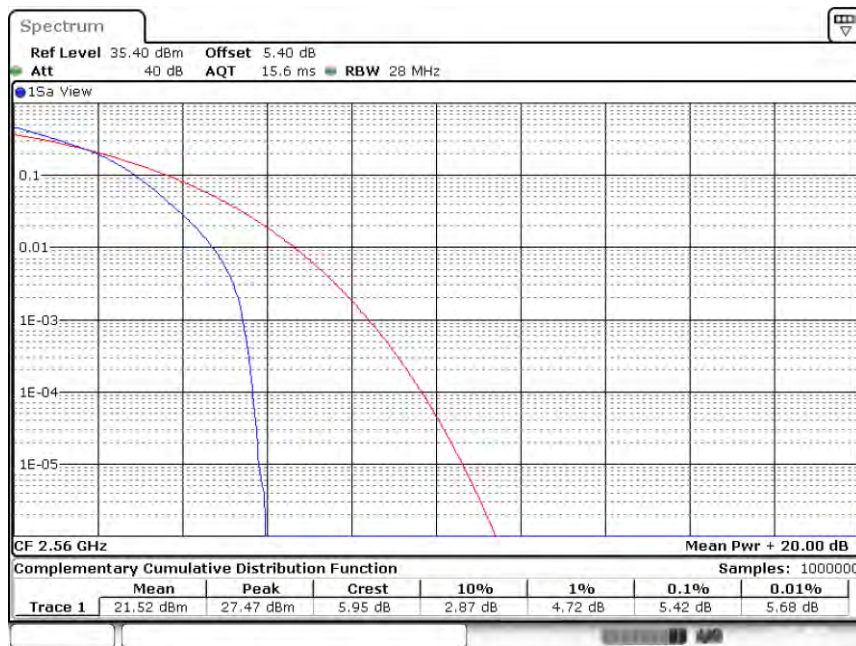
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Band7-20MHz-16QAM-21100-100RB#0



Date: 31 JUL 2020 10:55:07

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



Date: 31 JUL 2020 10:55:29



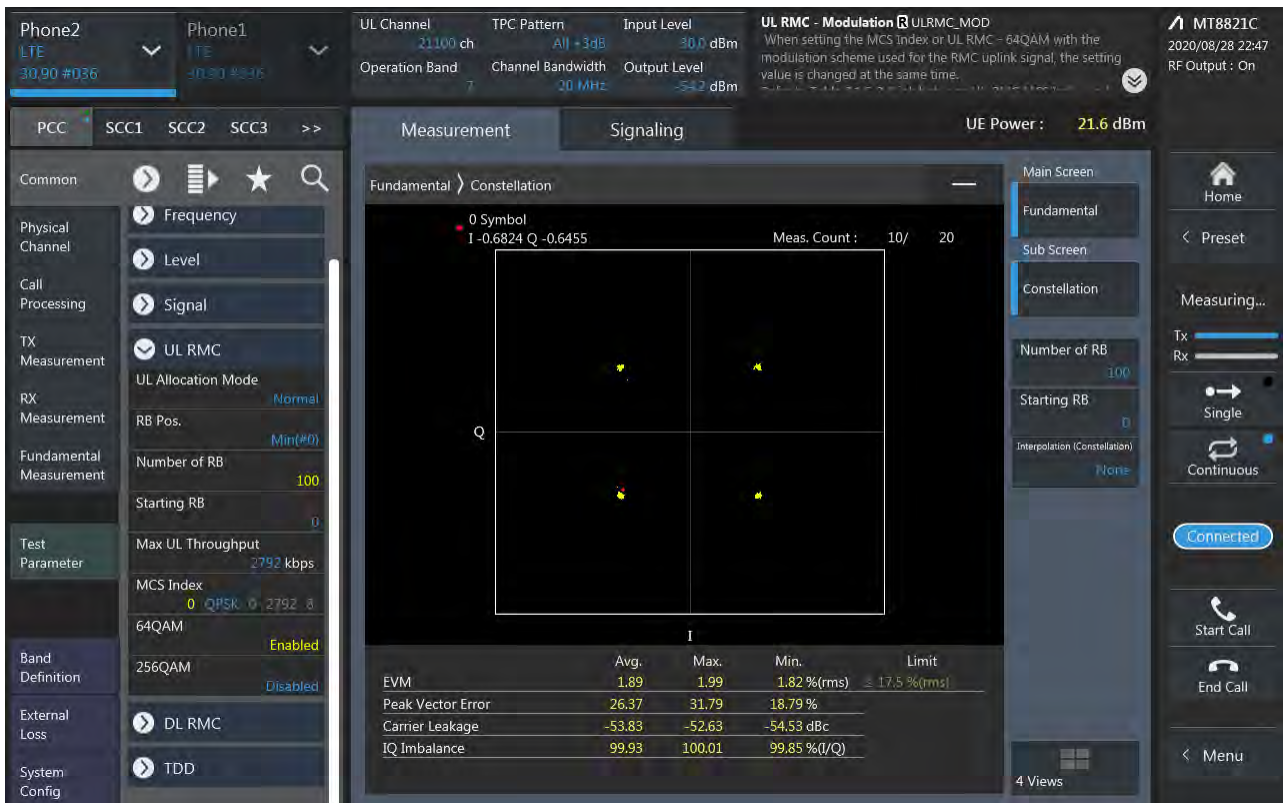
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH

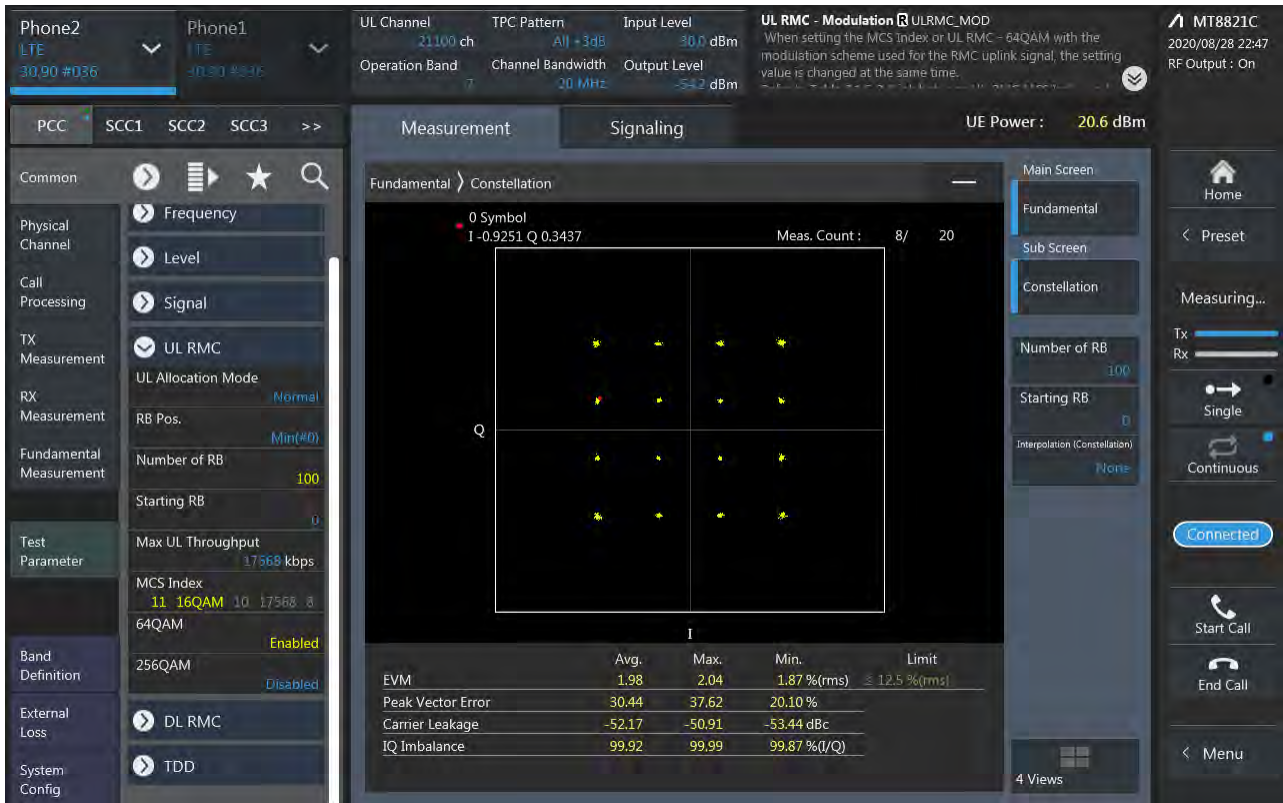


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3.1.2. Test Mode = LTE /TM2 20MHz

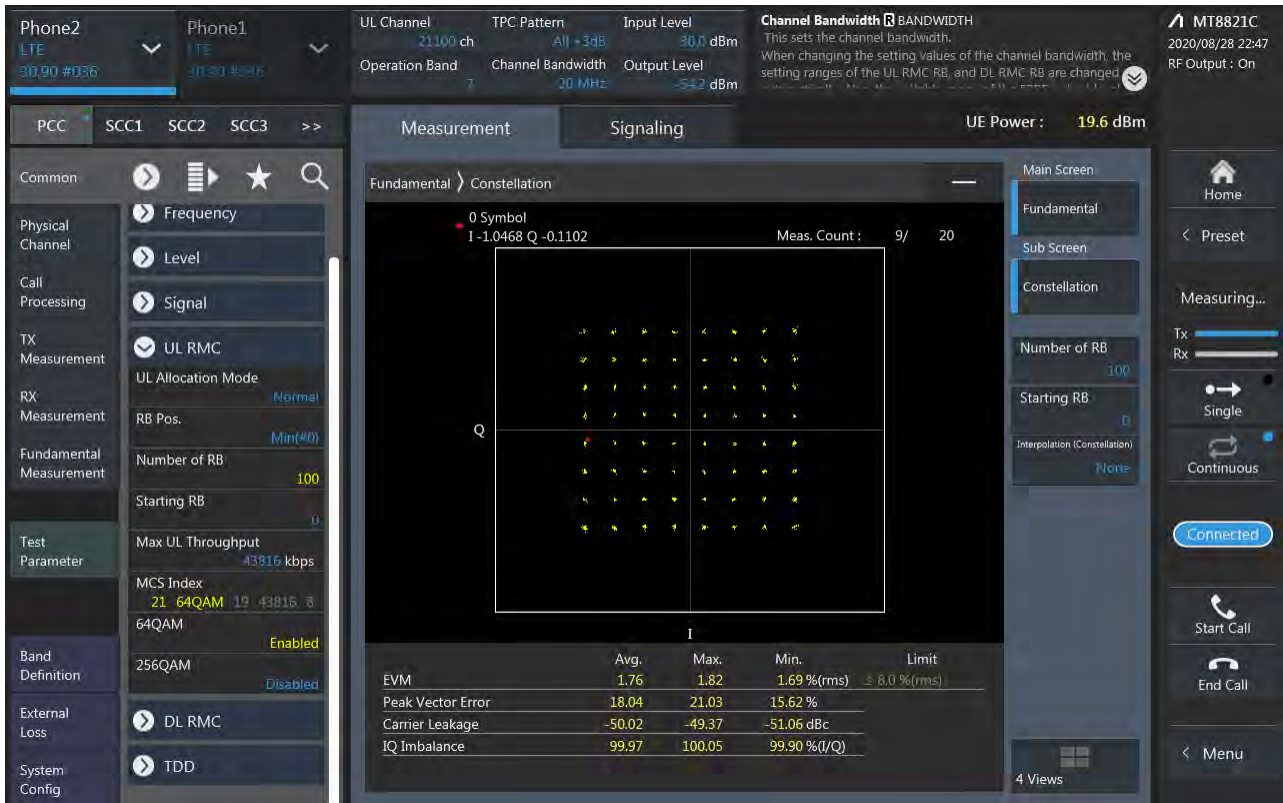
3.1.2.1. Test Channel = MCH



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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	4.476	4.920	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.930	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.940	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.870	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.466	4.890	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.960	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.950	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.496	4.950	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.700	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.700	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.680	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.951	9.660	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.931	9.640	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.640	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.720	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.700	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.951	9.700	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	14.700	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.790	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.487	14.730	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	14.790	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.457	14.820	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.427	14.790	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.670	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.700	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	14.790	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.902	19.560	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.902	19.480	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.902	19.600	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.902	19.400	PASS



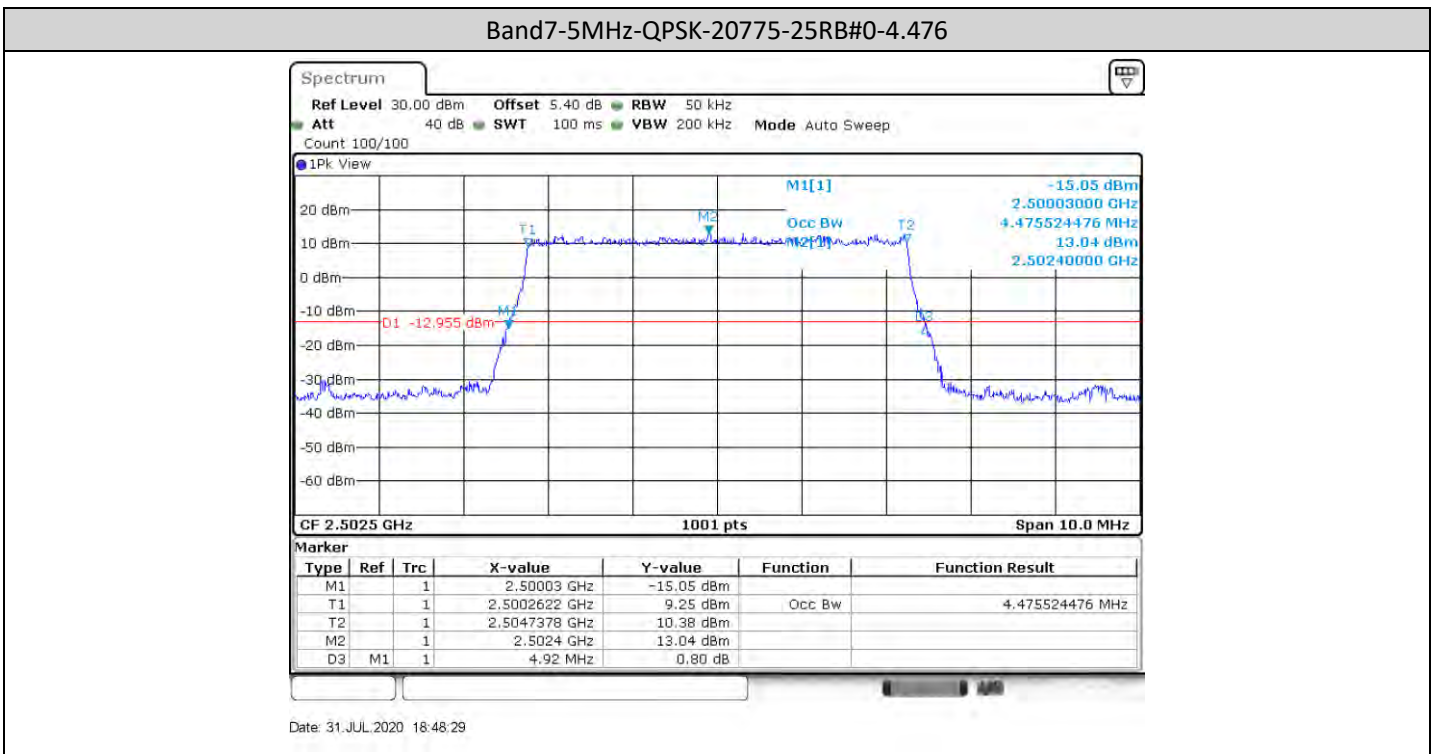
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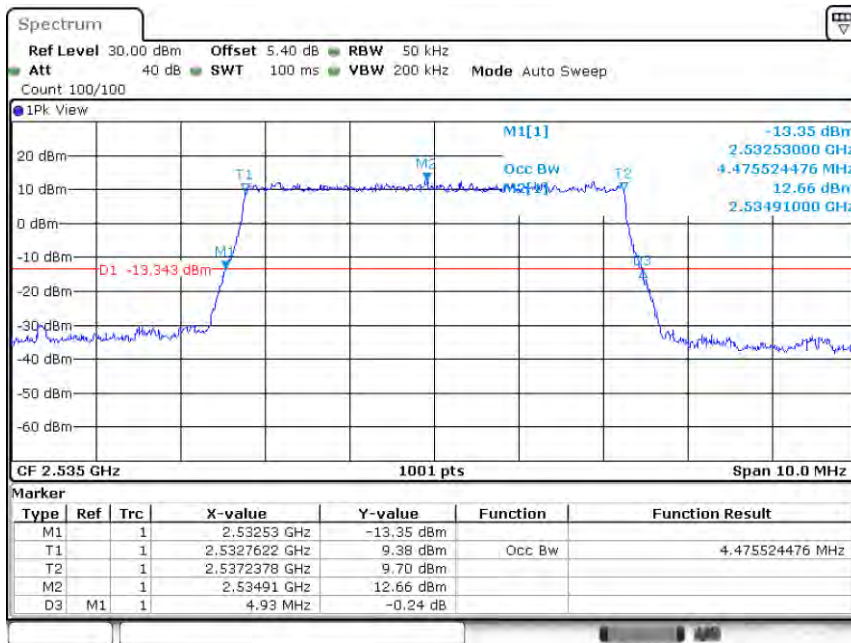
Band7	20MHz	64QAM	21100	100RB#0	17.902	19.440	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.862	19.360	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.902	19.440	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.902	19.520	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.902	19.400	PASS

4.2. Test Plots



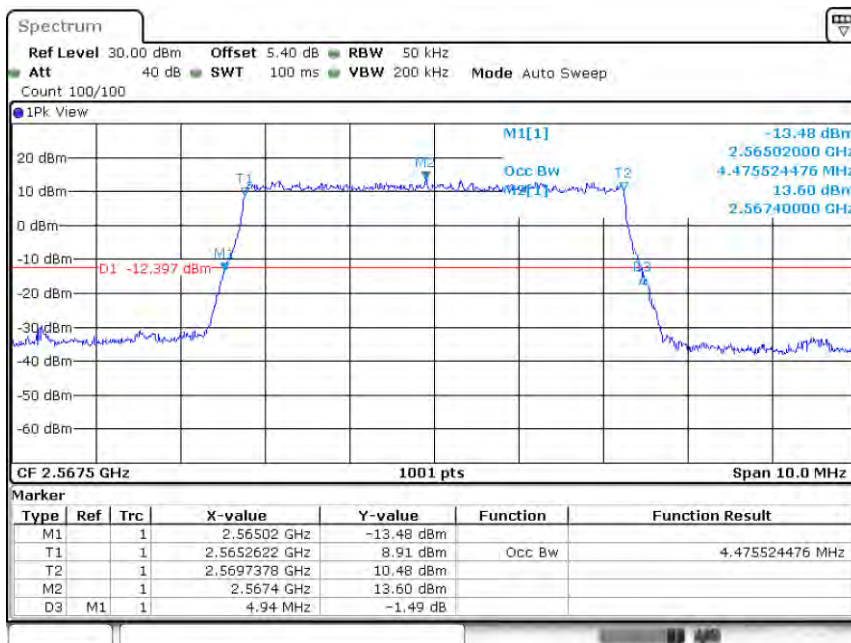
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Band7-5MHz-QPSK-21100-25RB#0-4.476



Date: 31 JUL 2020 18:49:08

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

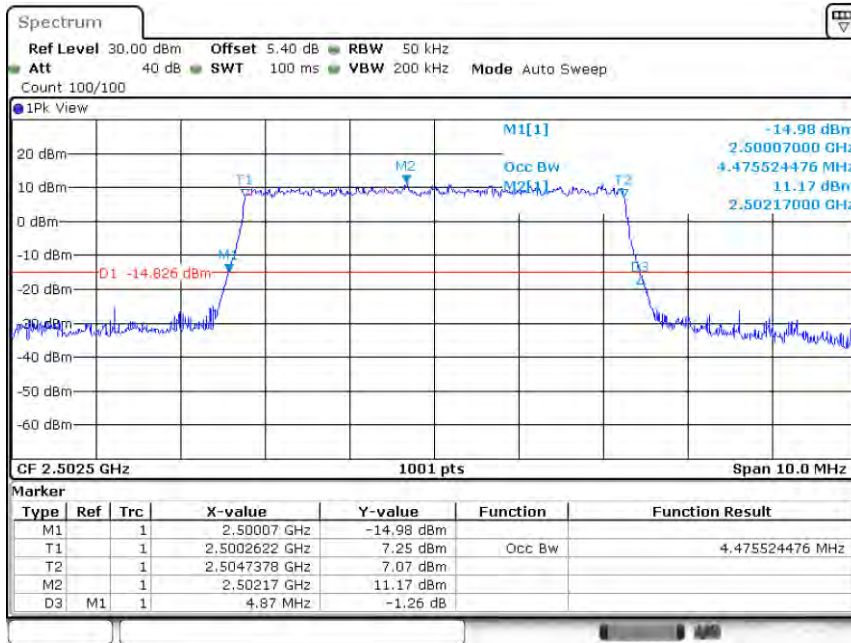


Date: 31 JUL 2020 18:49:48



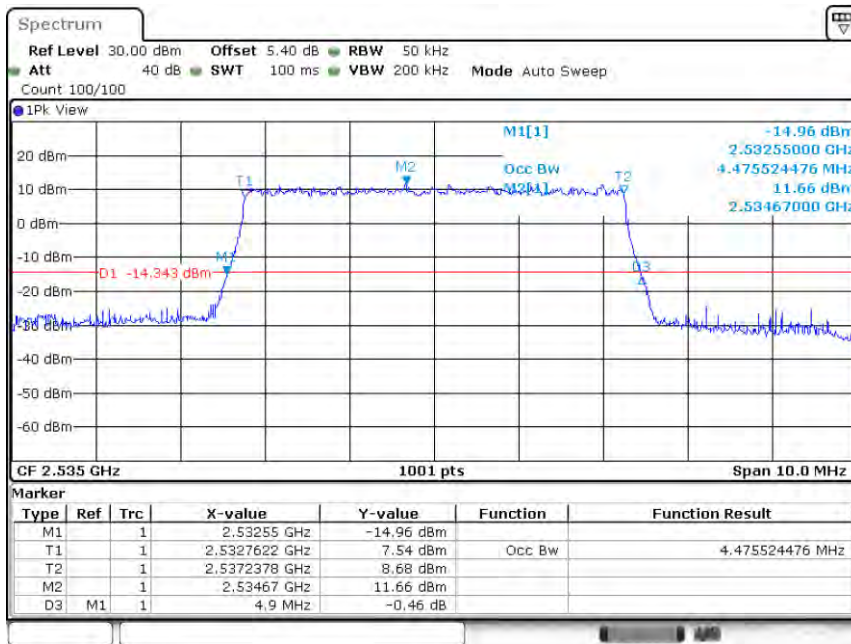
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Band7-5MHz-64QAM-20775-25RB#0-4.476



Date: 31.JUL.2020 14:40:10

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

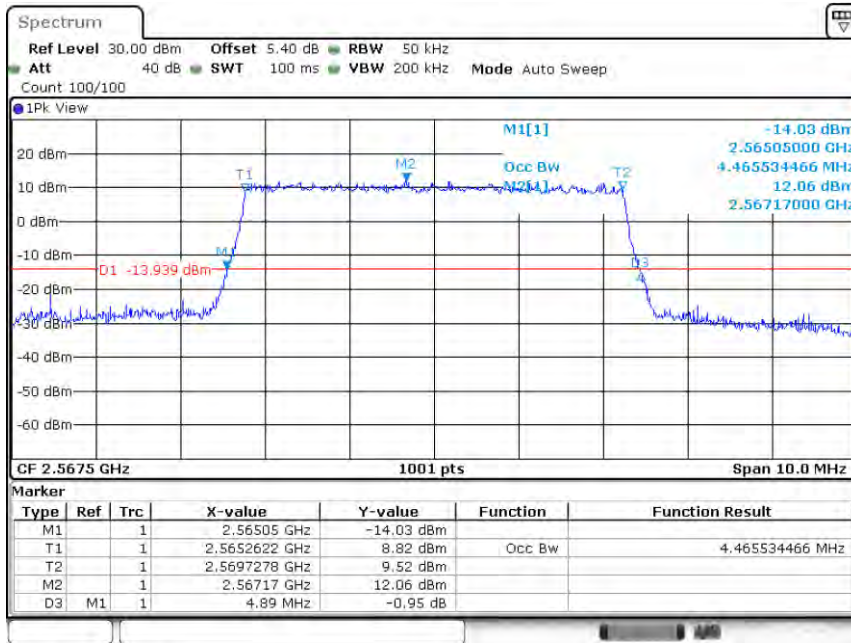


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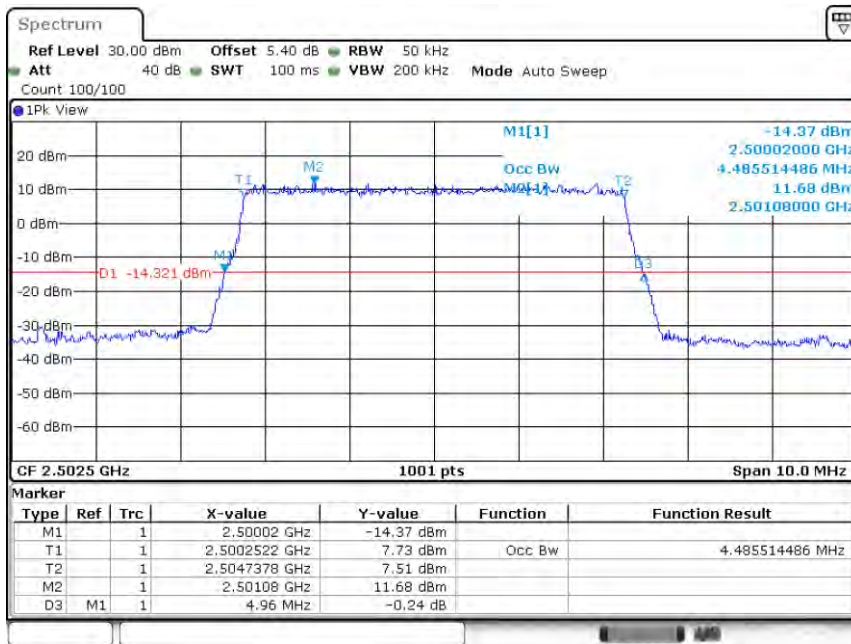
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Band7-5MHz-64QAM-21425-25RB#0-4.466



Date: 31 JUL 2020 14:40:49

Band7-5MHz-16QAM-20775-25RB#0-4.486

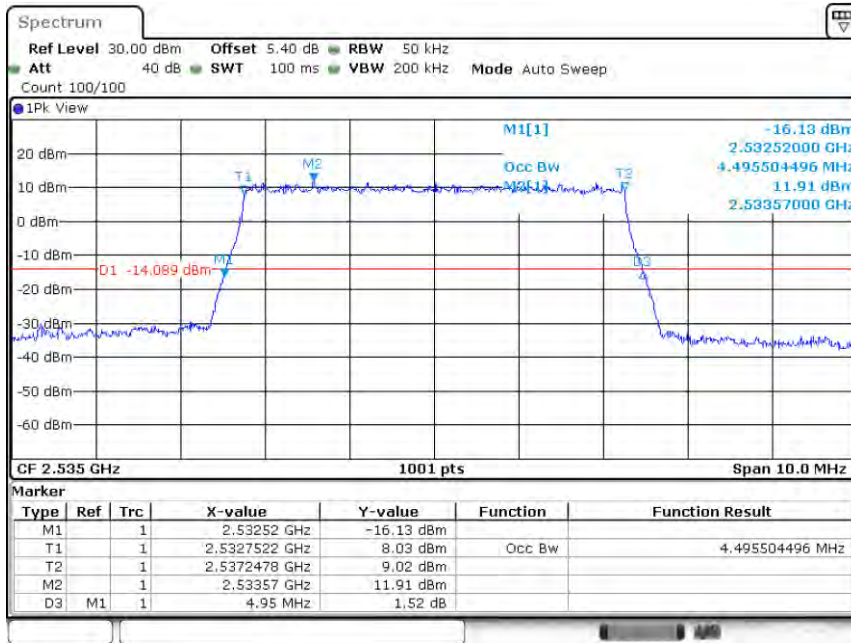


Date: 31 JUL 2020 18:48:48



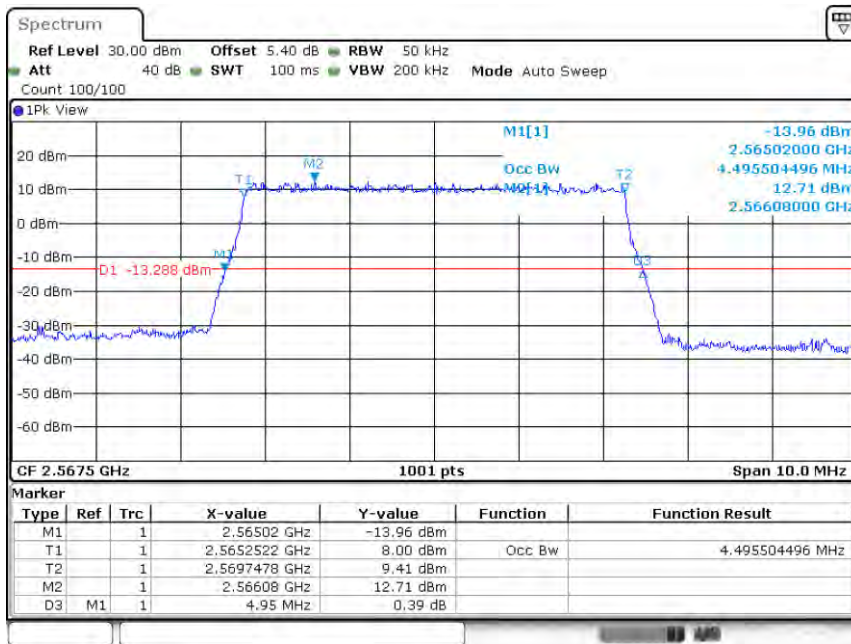
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Band7-5MHz-16QAM-21100-25RB#0-4.496



Date: 31 JUL 2020 18:49:28

Band7-5MHz-16QAM-21425-25RB#0-4.496

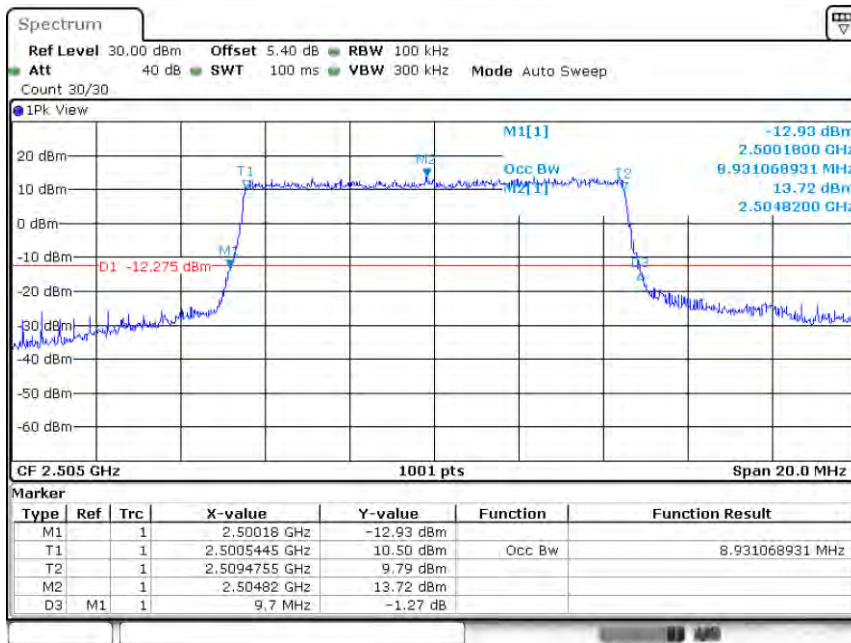


Date: 31 JUL 2020 18:50:07



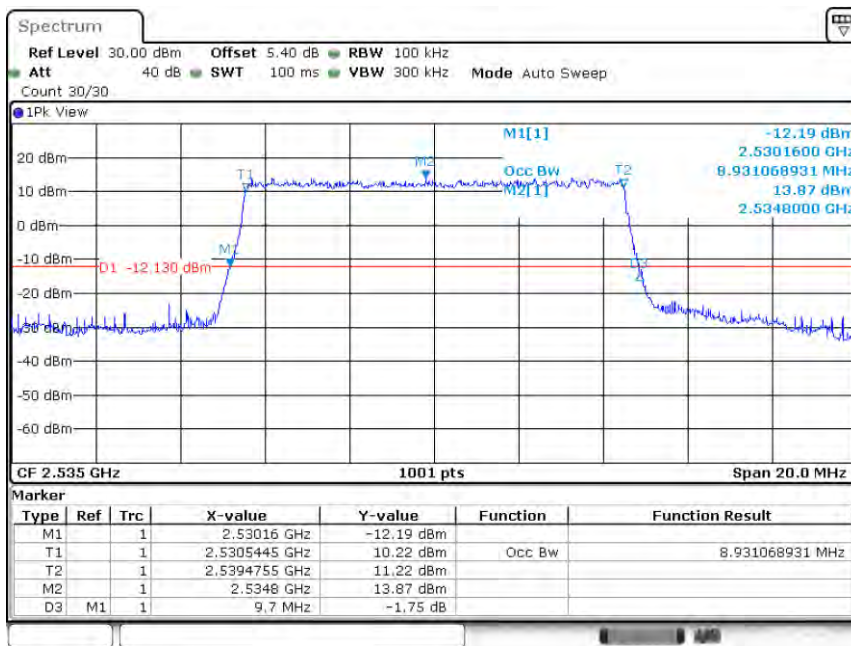
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Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 31 JUL 2020 10:34:46

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

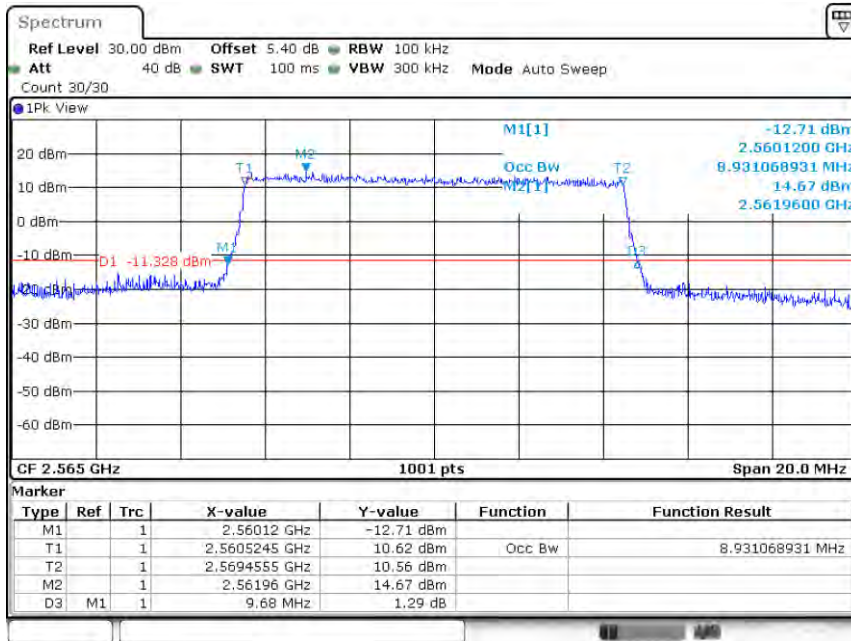


Date: 31 JUL 2020 10:35:11



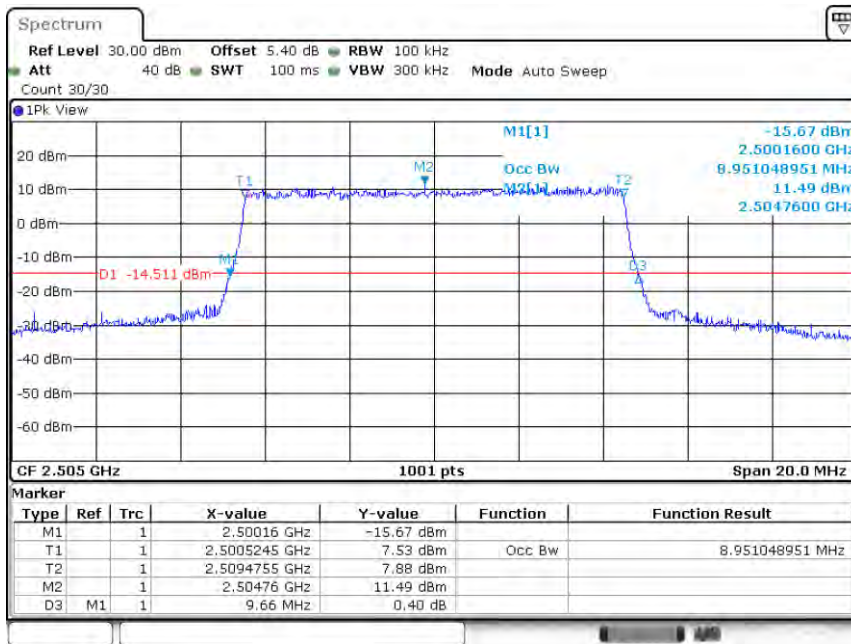
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Band7-10MHz-QPSK-21400-50RB#0-8.931



Date: 31 JUL 2020 10:35:37

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

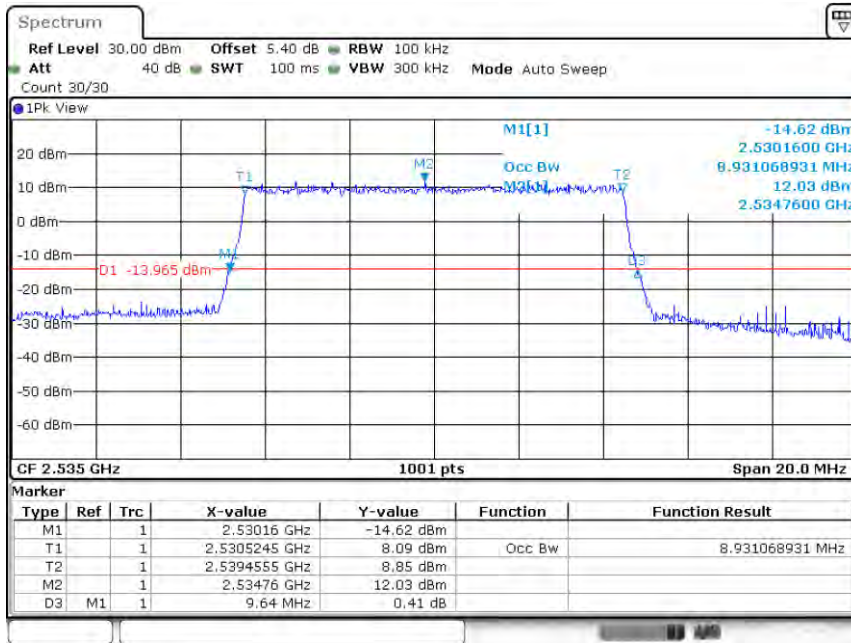


Date: 31 JUL 2020 14:41:07



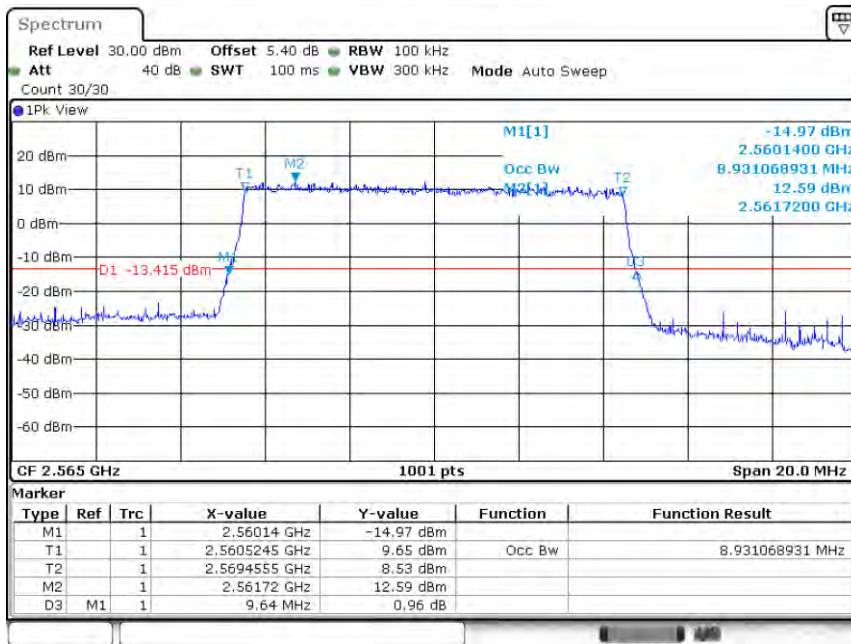
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Band7-10MHz-64QAM-21100-50RB#0-8.931



Date: 31.JUL.2020 14:41:21

Band7-10MHz-64QAM-21400-50RB#0-8.931



Date: 31.JUL.2020 14:41:34



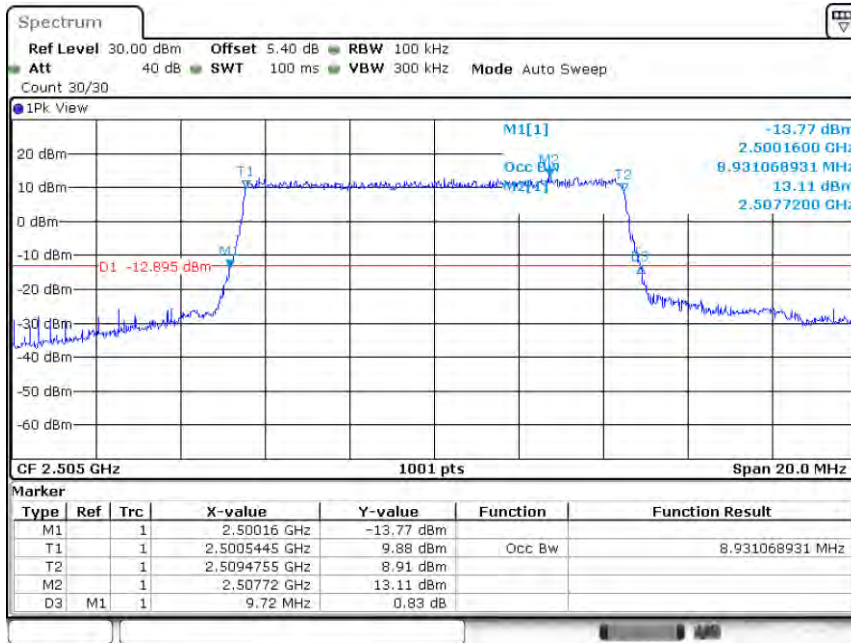
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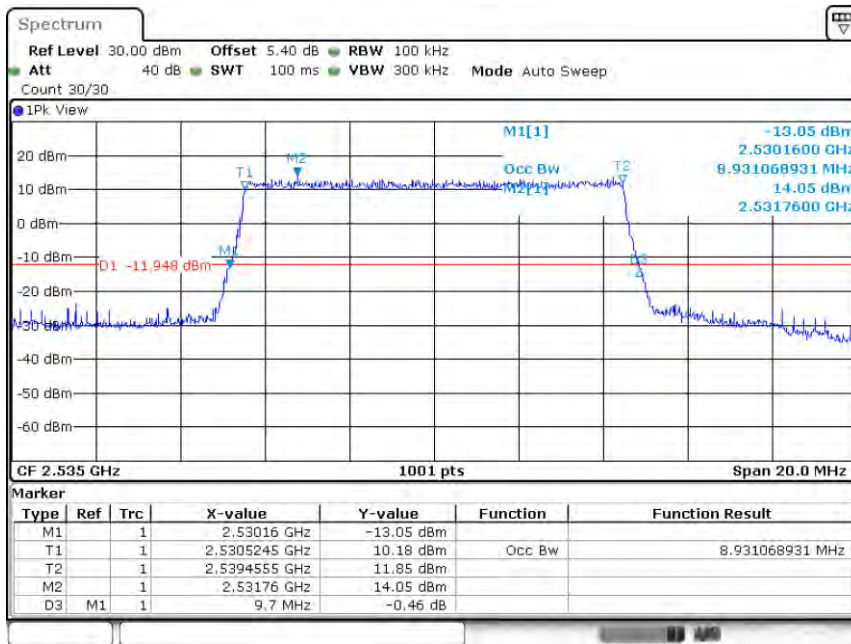


Band7-10MHz-16QAM-20800-50RB#0-8.931



Date: 31 JUL 2020 10:34:58

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



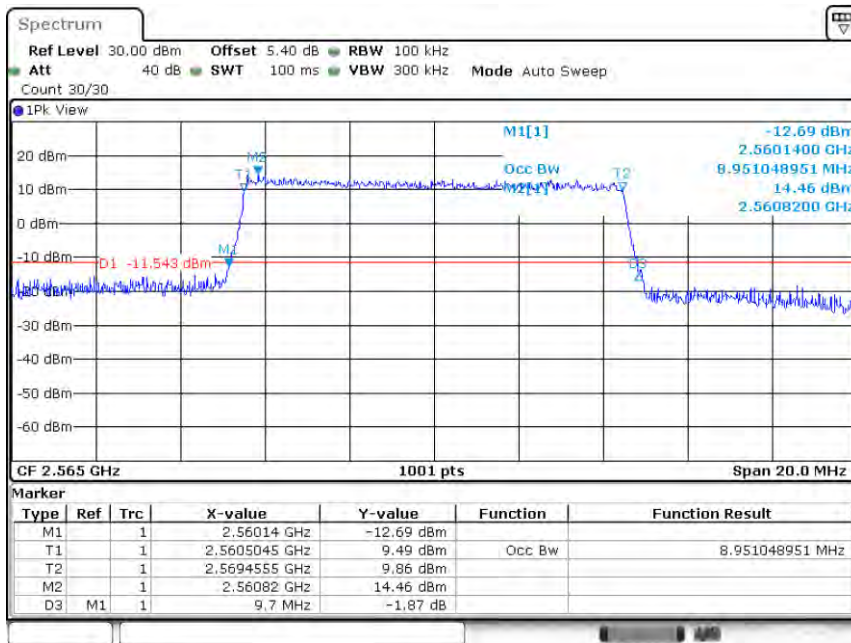
Date: 31 JUL 2020 10:35:24



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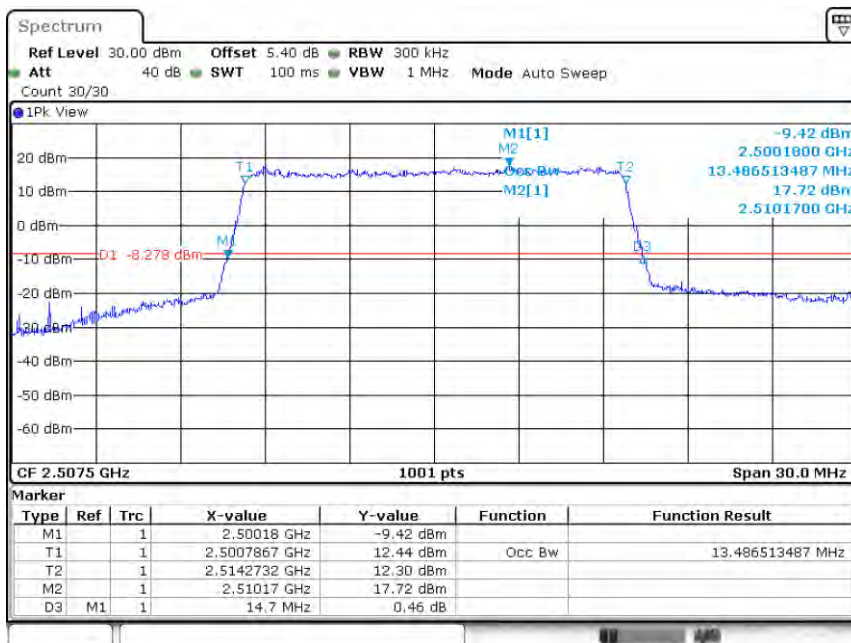


Band7-10MHz-16QAM-21400-50RB#0-8.951



Date: 31 JUL 2020 10:35:49

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

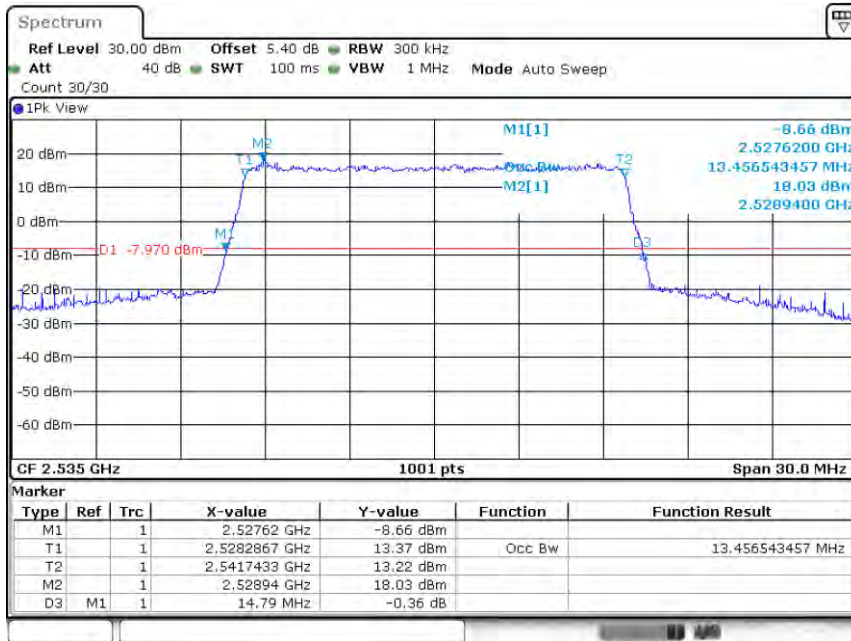


Date: 31 JUL 2020 10:36:07



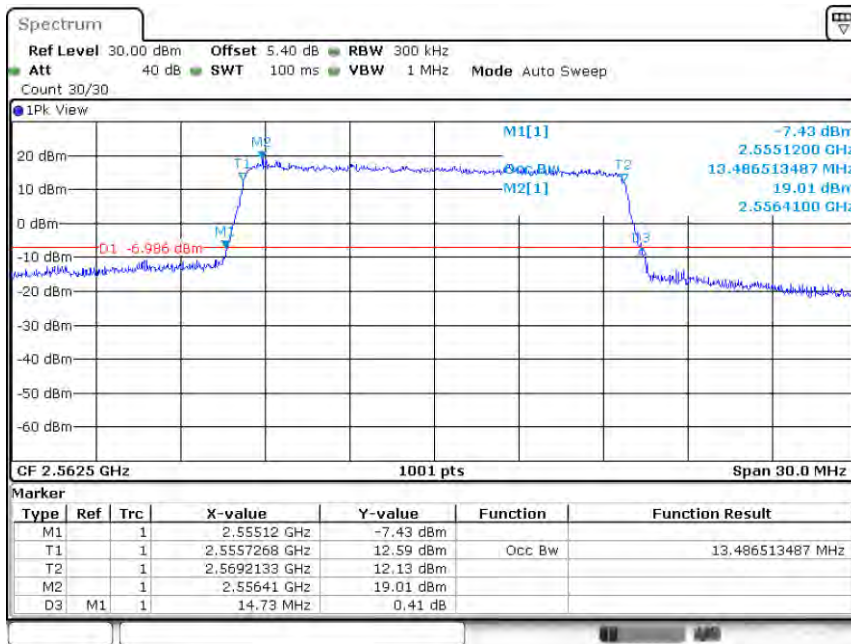
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Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 31 JUL 2020 10:36:32

Band7-15MHz-QPSK-21375-75RB#0-13.487

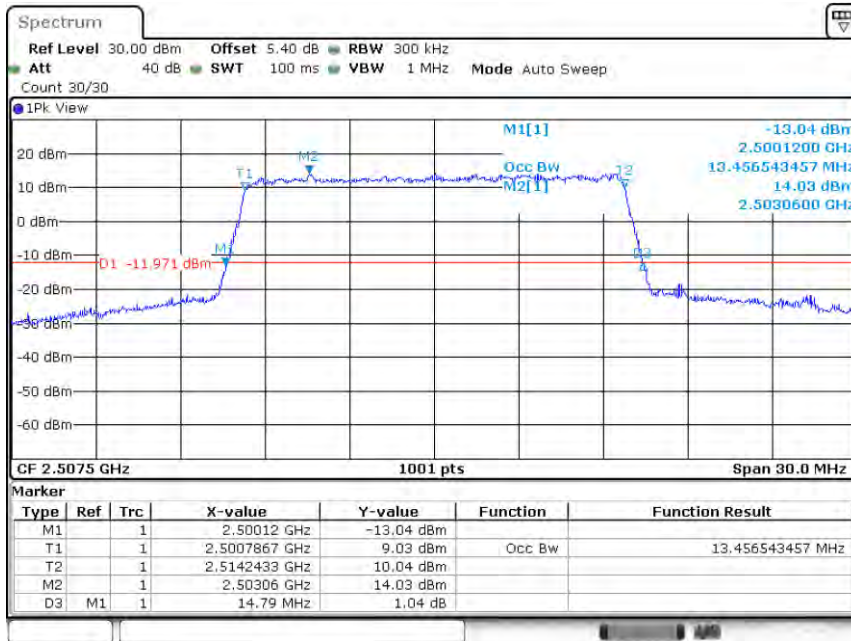


Date: 31 JUL 2020 10:36:58



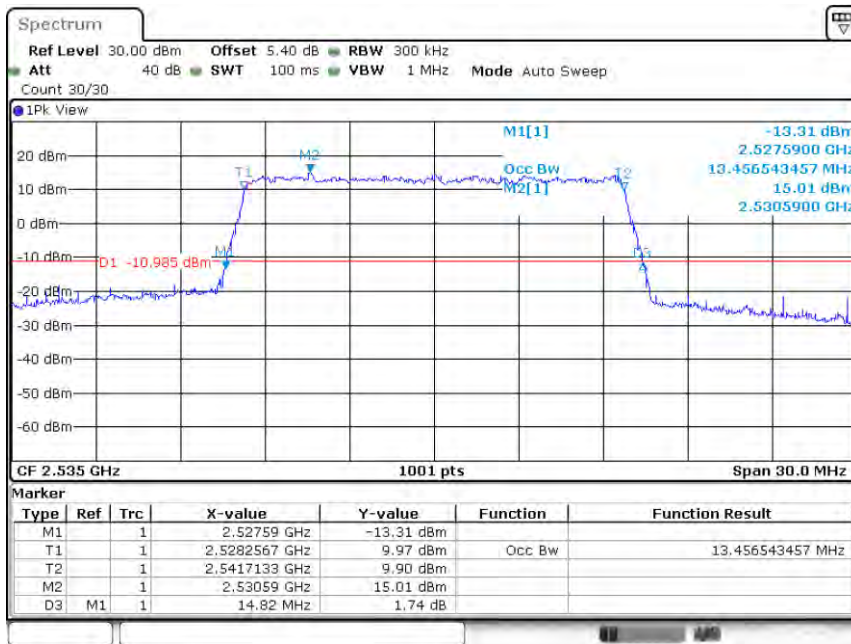
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Band7-15MHz-64QAM-20825-75RB#0-13.457



Date: 31 JUL 2020 14:41:52

Band7-15MHz-64QAM-21100-75RB#0-13.457

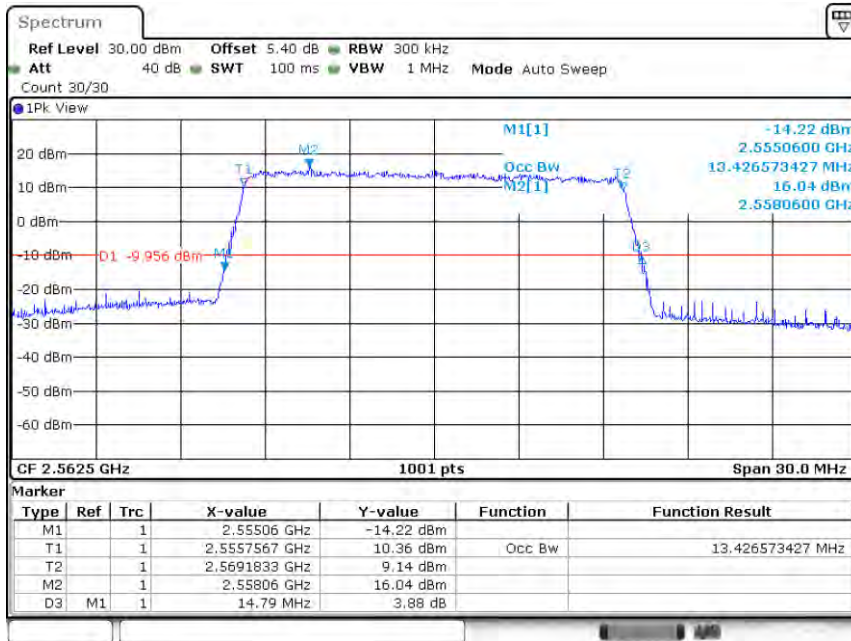


Date: 31 JUL 2020 14:42:04



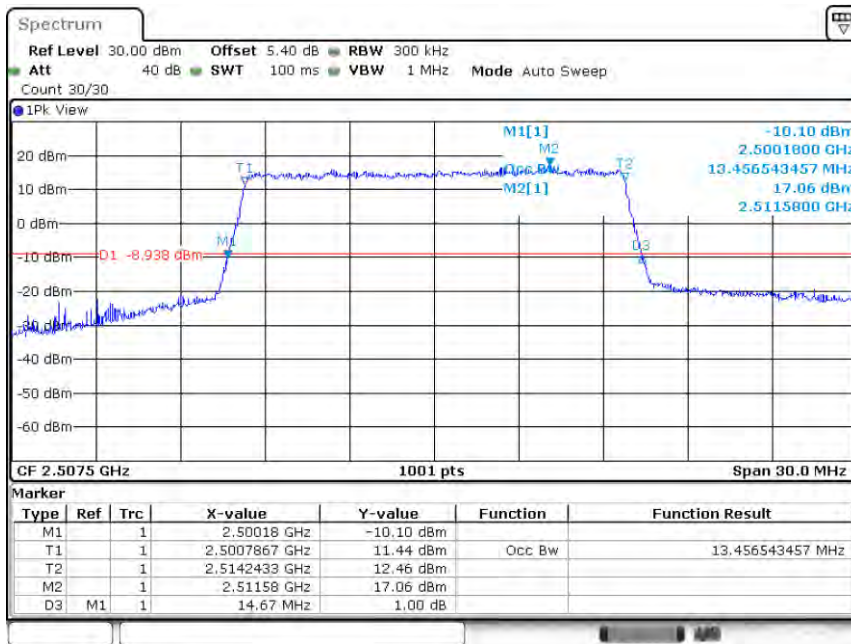
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Band7-15MHz-64QAM-21375-75RB#0-13.427



Date: 31 JUL 2020 14:42:17

Band7-15MHz-16QAM-20825-75RB#0-13.457

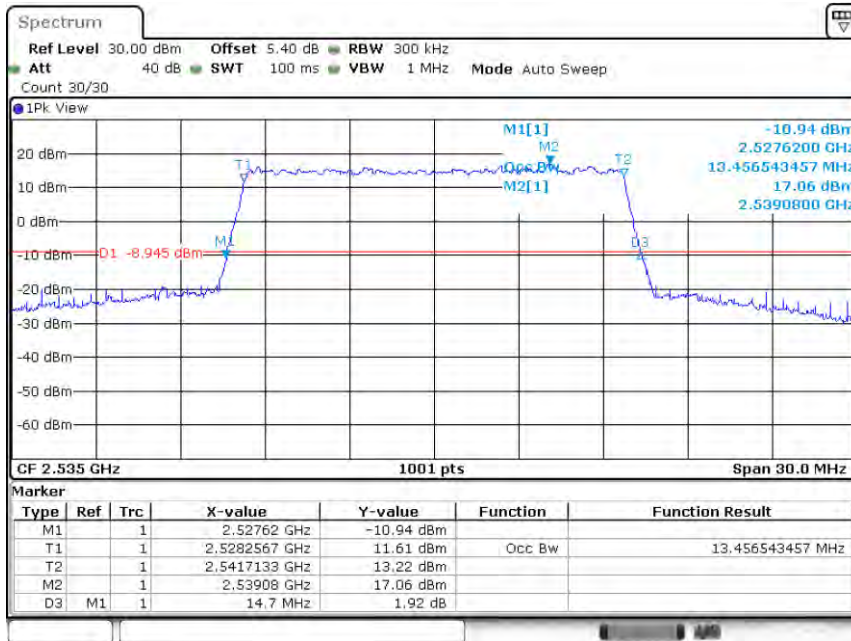


Date: 31 JUL 2020 10:36:19



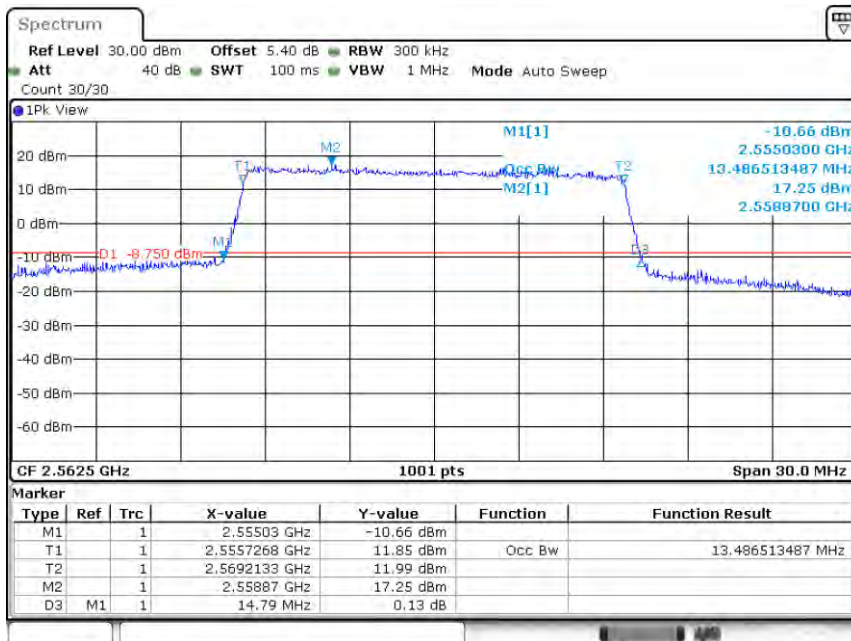
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Band7-15MHz-16QAM-21100-75RB#0-13.457



Date: 31 JUL 2020 10:36:45

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

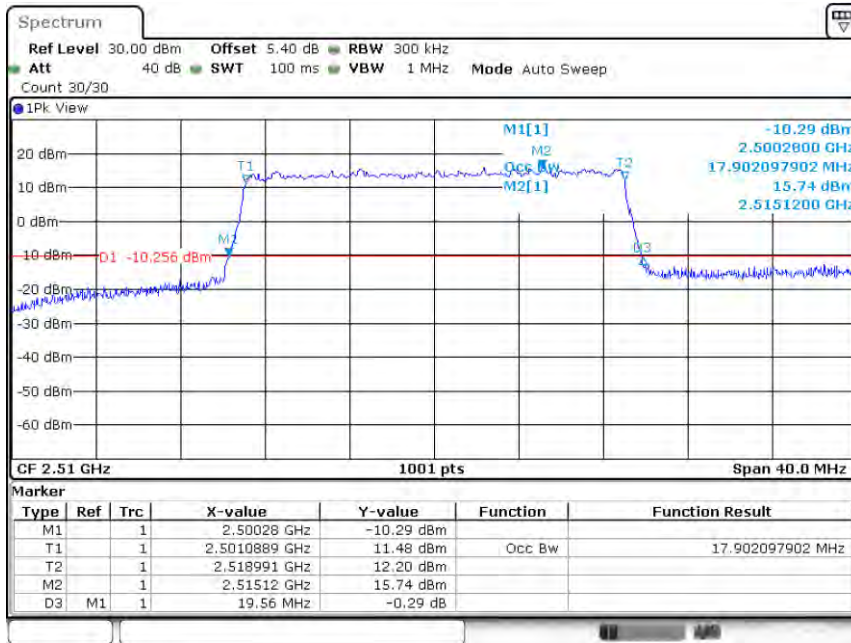


Date: 31 JUL 2020 10:37:10



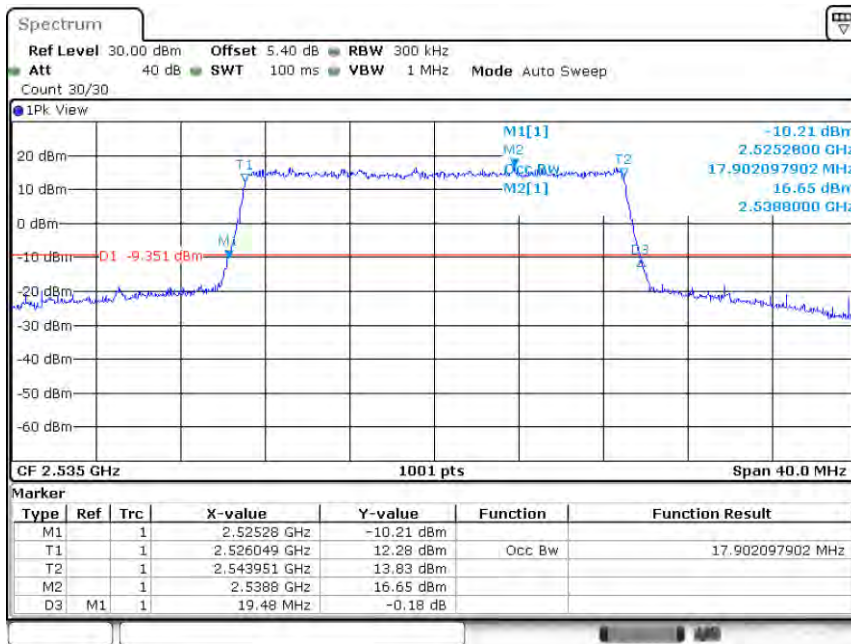
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Band7-20MHz-QPSK-20850-100RB#0-17.902



Date: 31 JUL 2020 10:37:28

Band7-20MHz-QPSK-21100-100RB#0-17.902



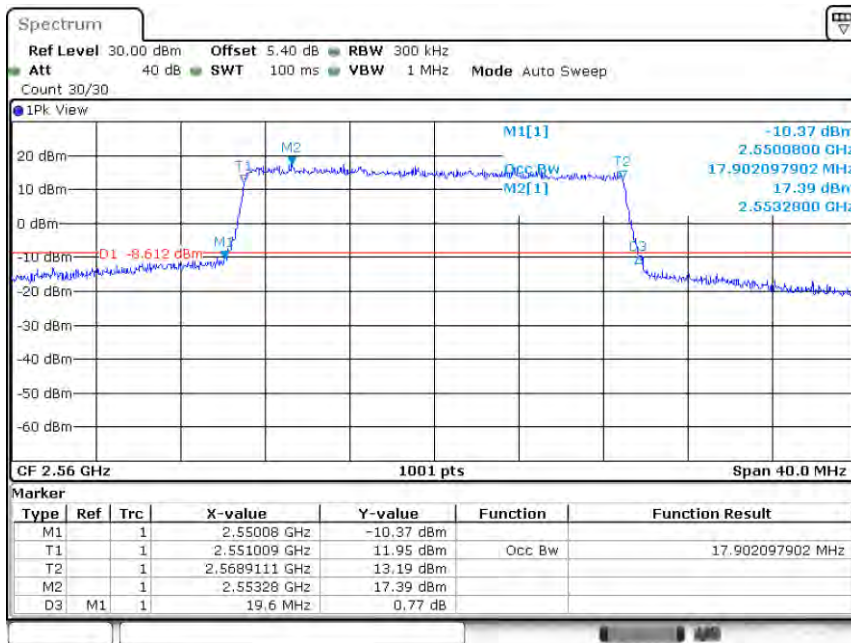
Date: 31 JUL 2020 10:37:53



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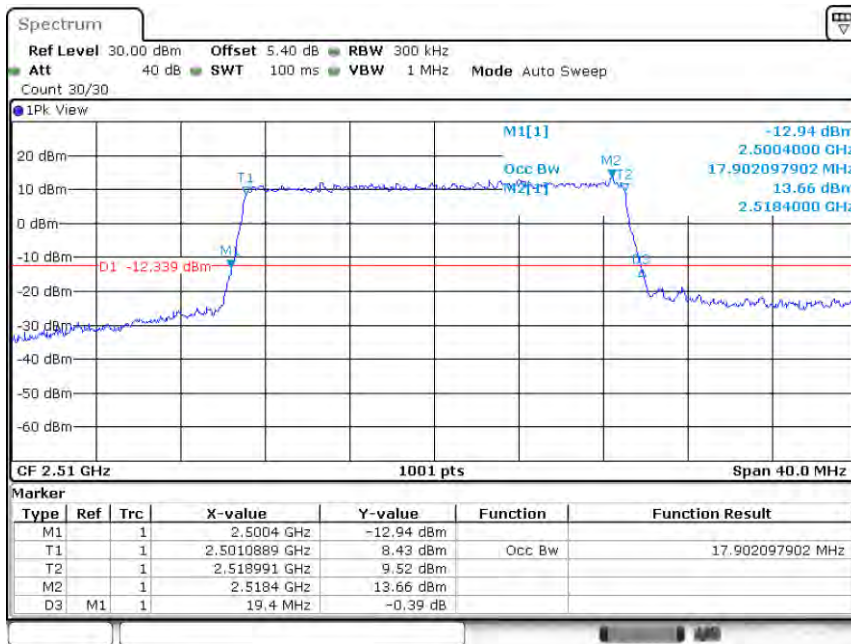


Band7-20MHz-QPSK-21350-100RB#0-17.902



Date: 31 JUL 2020 10:38:19

Band7-20MHz-64QAM-20850-100RB#0-17.902

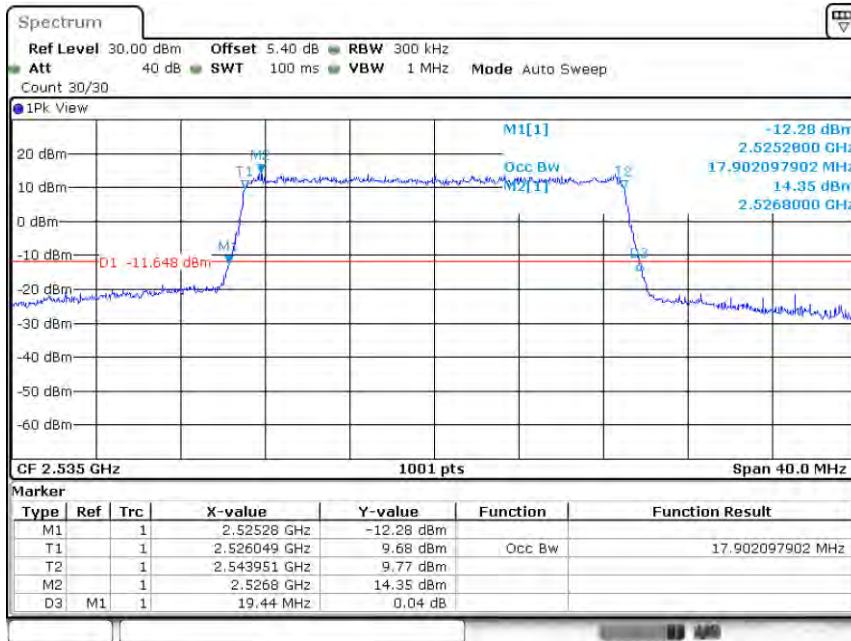


Date: 31 JUL 2020 14:42:35



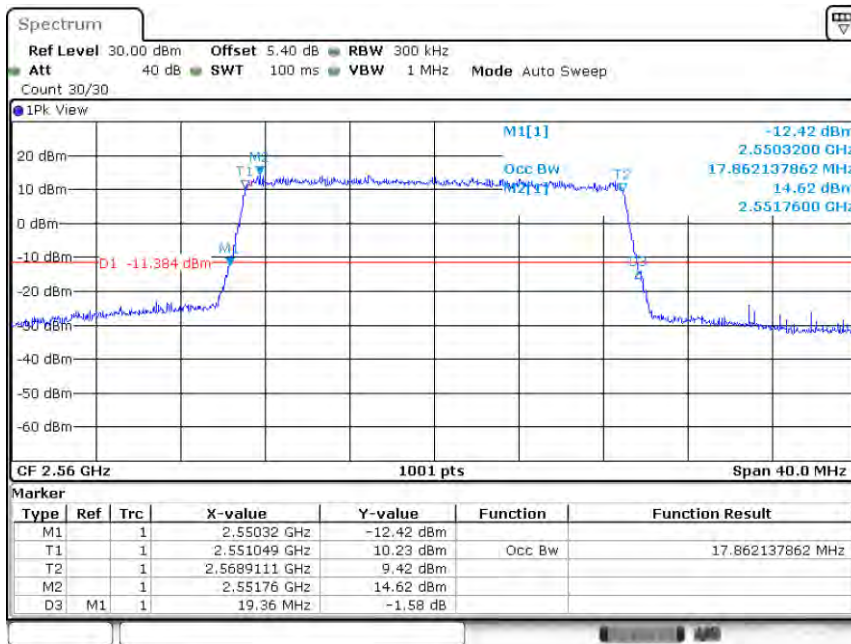
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Band7-20MHz-64QAM-21100-100RB#0-17.902



Date: 31 JUL 2020 14:42:48

Band7-20MHz-64QAM-21350-100RB#0-17.862

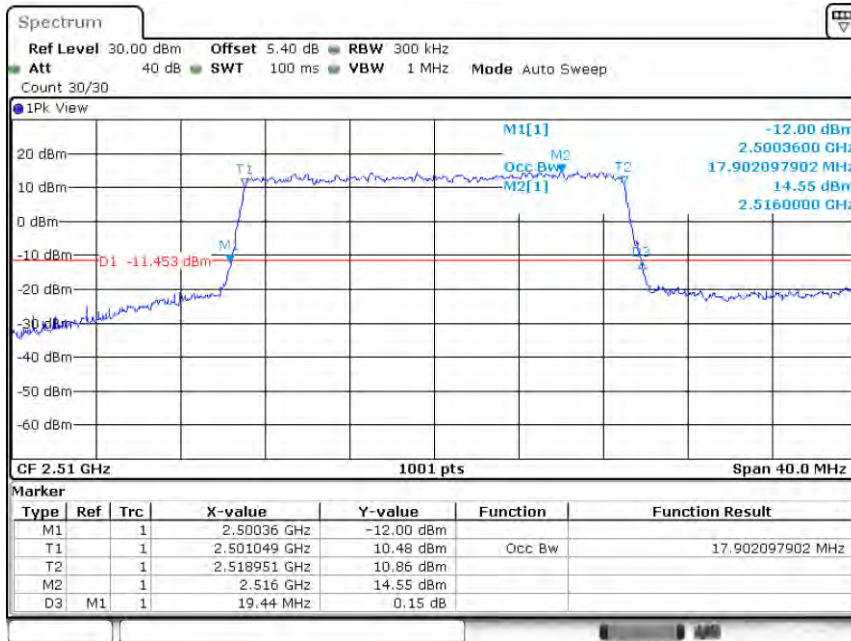


Date: 31 JUL 2020 14:43:00



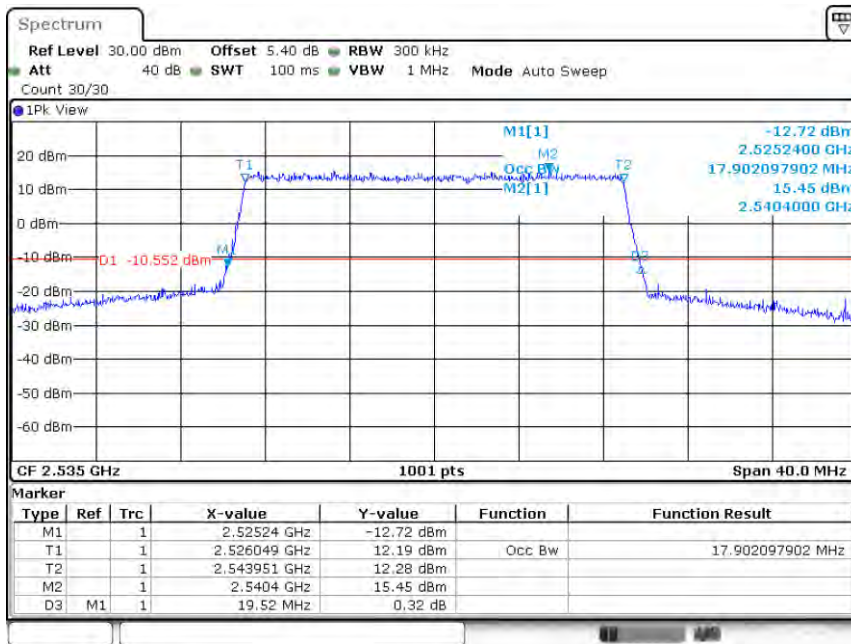
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Band7-20MHz-16QAM-20850-100RB#0-17.902



Date: 31 JUL 2020 10:37:40

Band7-20MHz-16QAM-21100-100RB#0-17.902

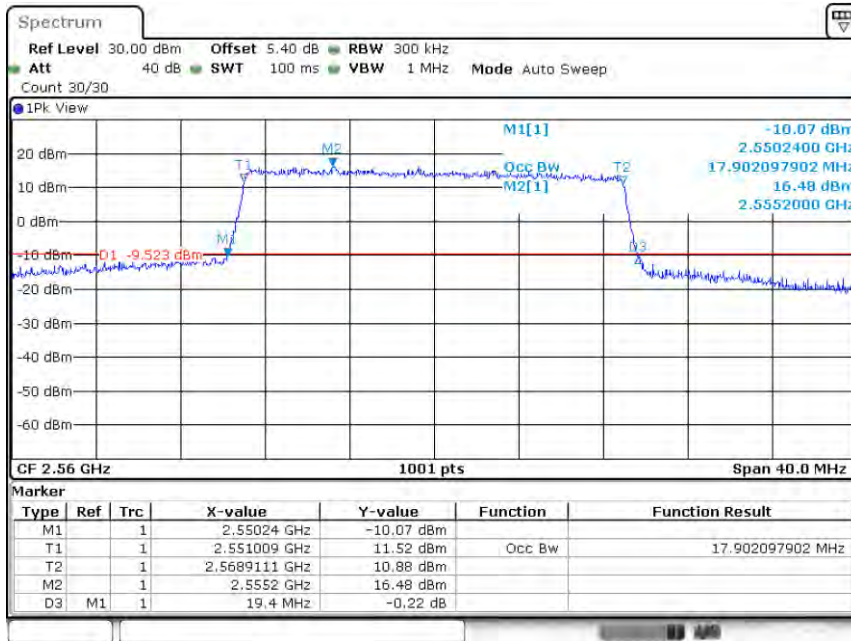


Date: 31 JUL 2020 10:38:06



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Band7-20MHz-16QAM-21350-100RB#0-17.902



Date: 31 JUL 2020 10:38:31

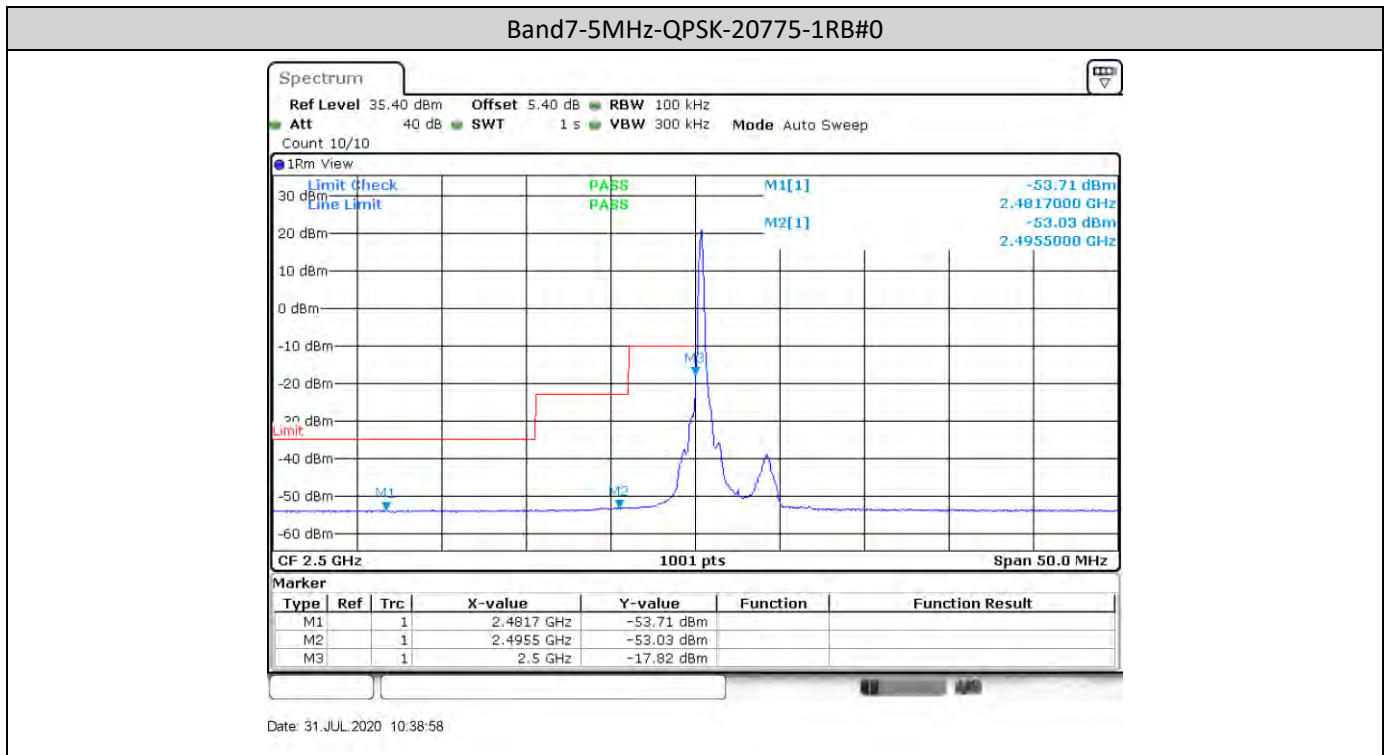


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5. Band Edge Compliance

Remark: For Band Edge Compliance measurements, due to the measurement bandwidth is different to reference bandwidth. The limit has been adjusted by subtracting $10 \log [(reference\ bandwidth) / (resolution\ or\ measurement\ bandwidth)]$ according to ANSI C63.26.

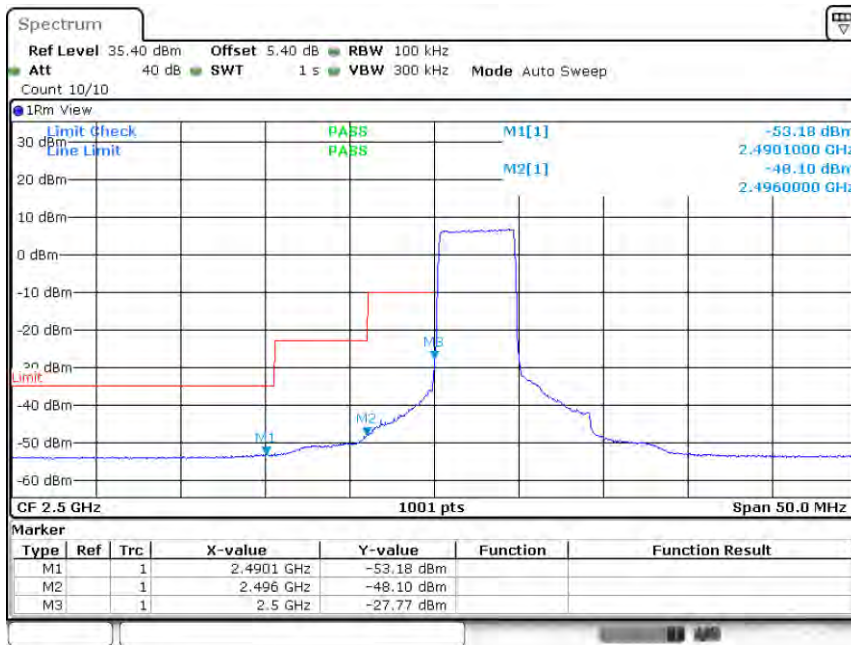
5.1. Test Plots



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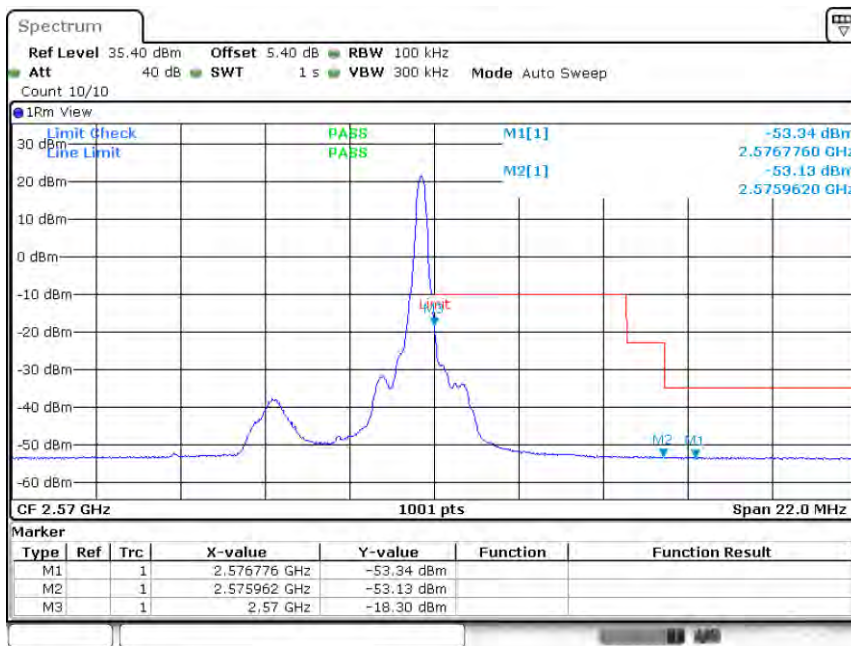
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Band7-5MHz-QPSK-20775-25RB#0



Date: 31 JUL 2020 10:40:31

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

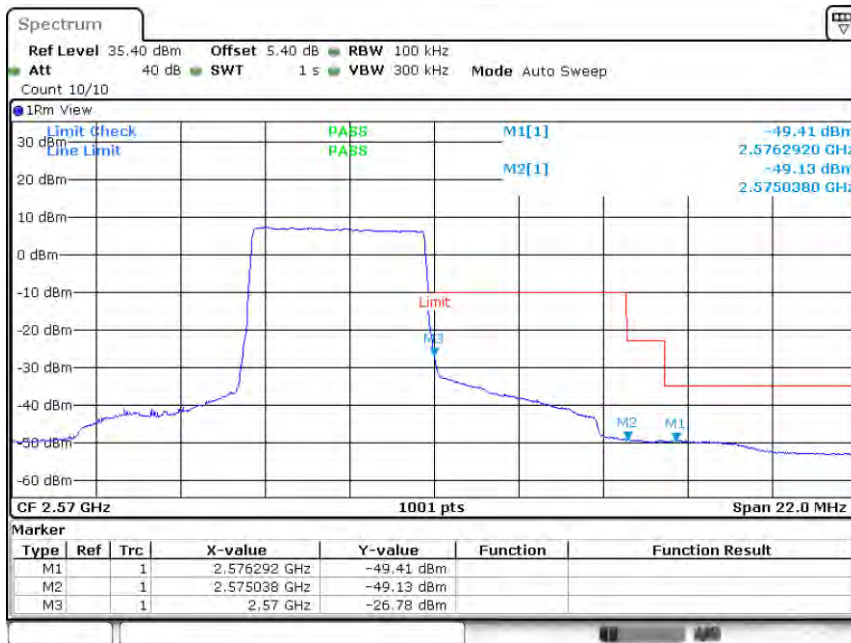


Date: 31 JUL 2020 10:39:44



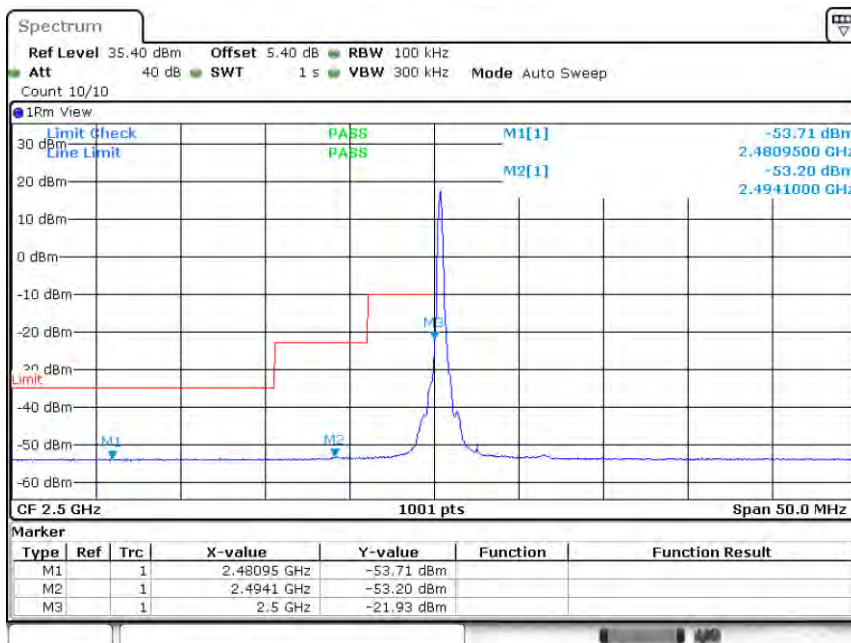
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Band7-5MHz-QPSK-21425-25RB#0



Date: 31 JUL 2020 10:41:13

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

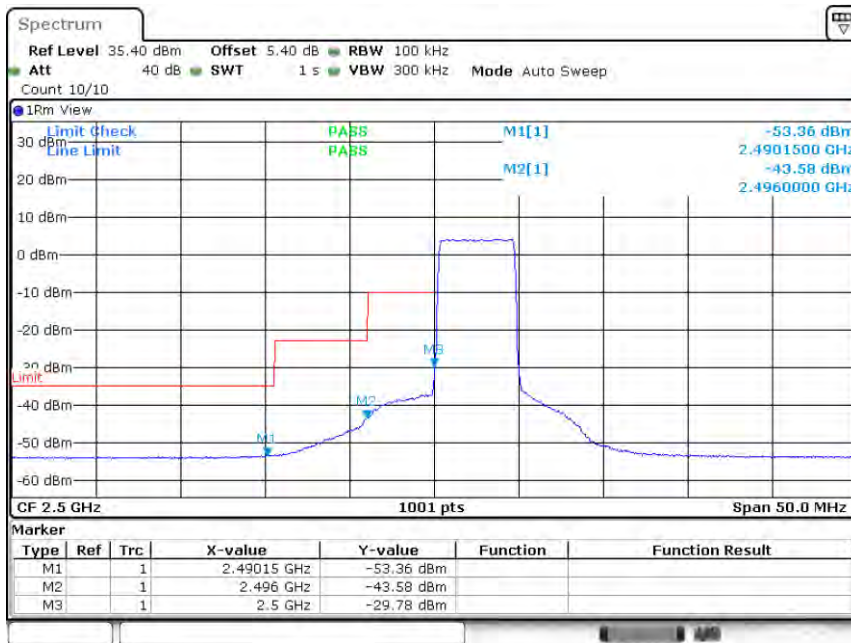


Date: 31 JUL 2020 14:43:27



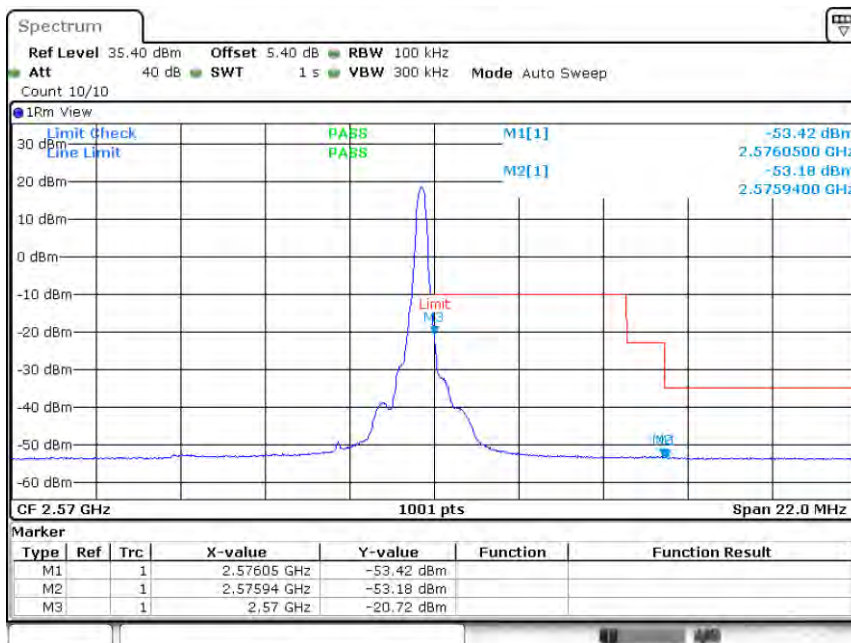
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Band7-5MHz-64QAM-20775-25RB#0



Date: 31 JUL 2020 14:44:20

Band7-5MHz-64QAM-21425-1RB#24

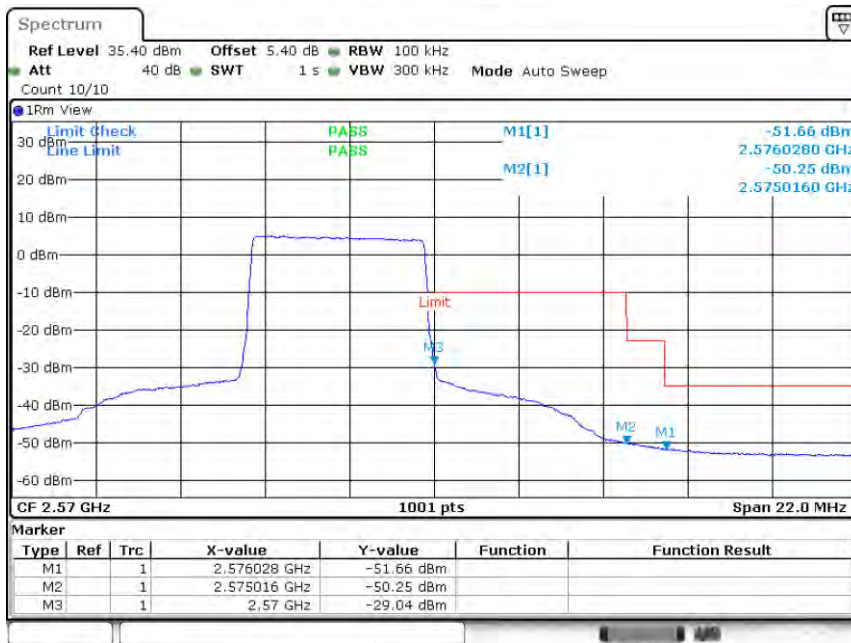


Date: 31 JUL 2020 14:43:52



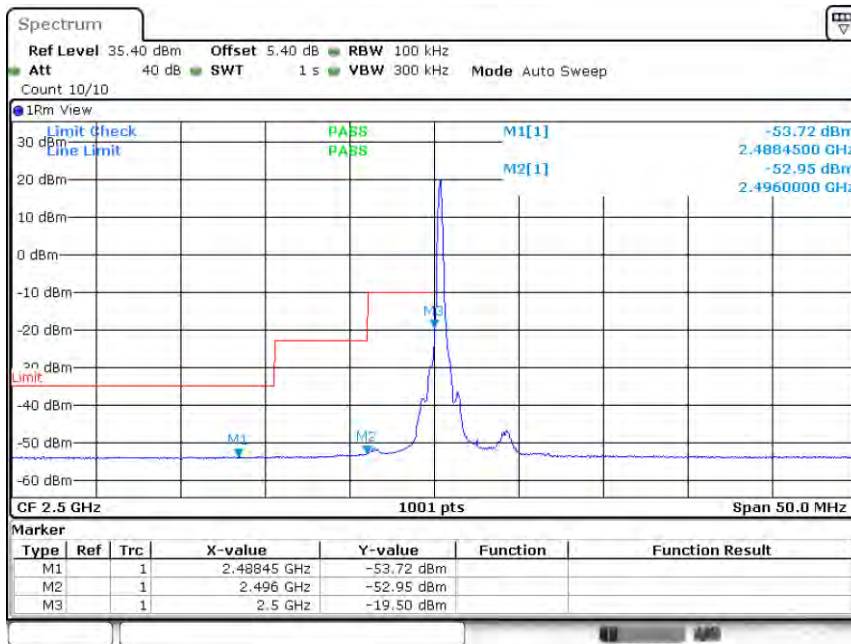
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Band7-5MHz-64QAM-21425-25RB#0



Date: 31.JUL.2020 14:44:42

Band7-5MHz-16QAM-20775-1RB#0

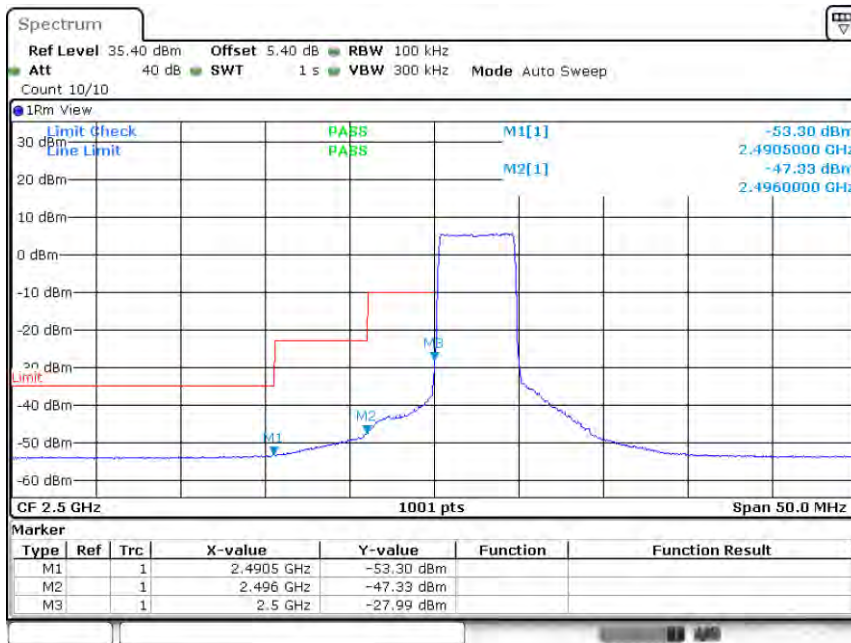


Date: 31.JUL.2020 10:39:19



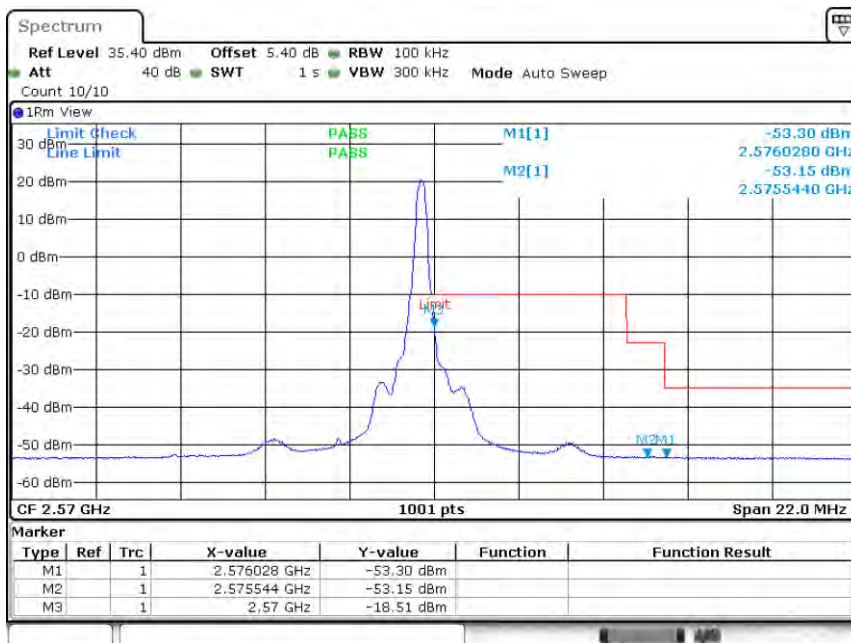
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Band7-5MHz-16QAM-20775-25RB#0



Date: 31 JUL 2020 10:40:52

Band7-5MHz-16QAM-21425-1RB#24

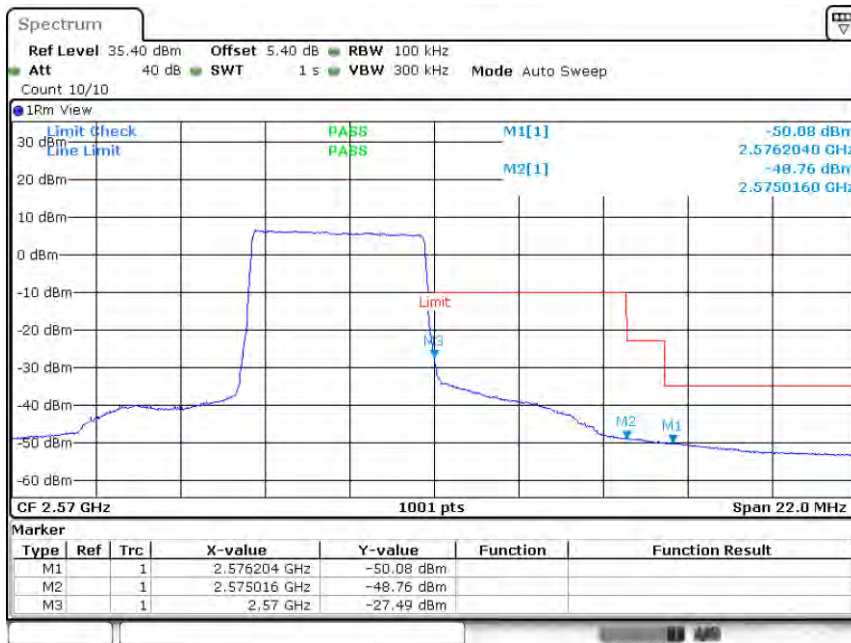


Date: 31 JUL 2020 10:40:05



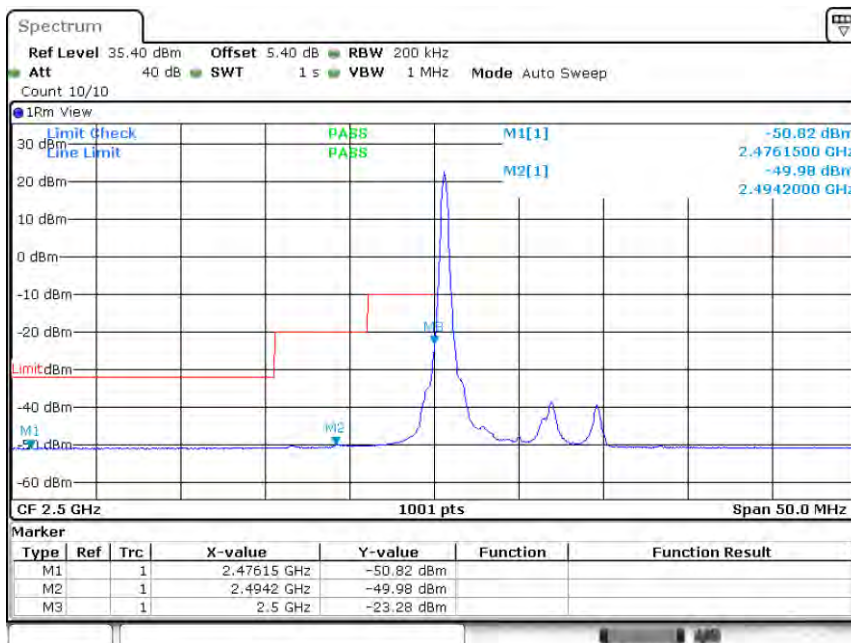
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Band7-5MHz-16QAM-21425-25RB#0



Date: 31 JUL 2020 10:41:35

Band7-10MHz-QPSK-20800-1RB#0

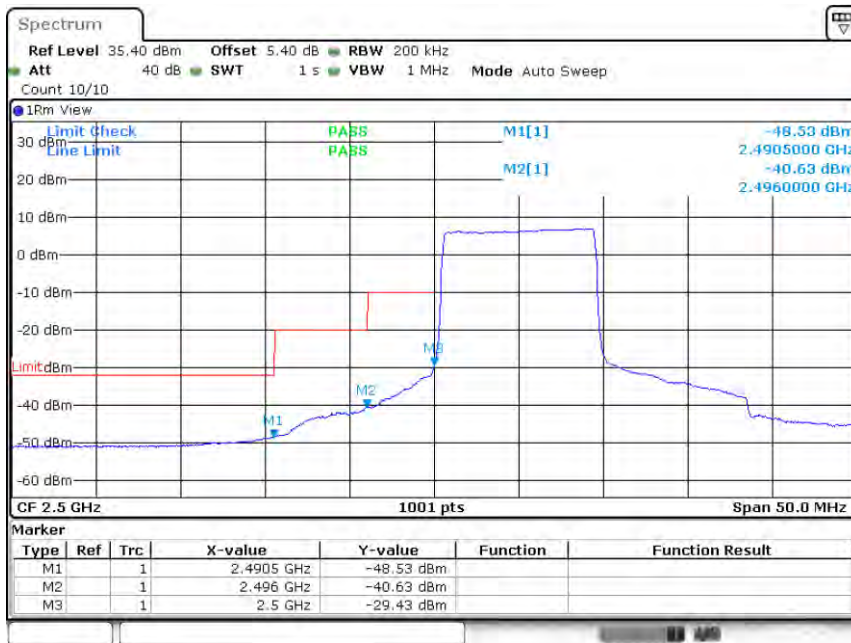


Date: 31 JUL 2020 10:42:01



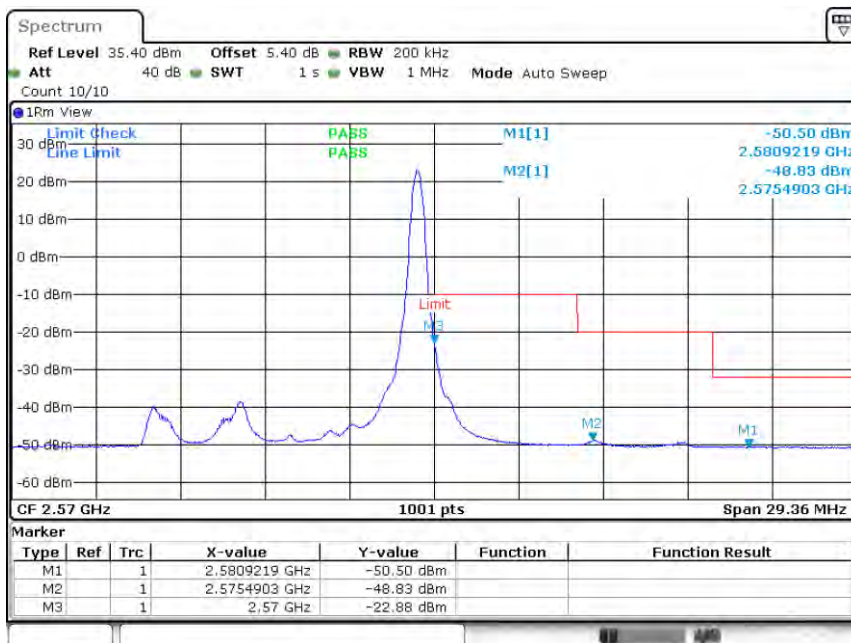
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Band7-10MHz-QPSK-20800-50RB#0



Date: 31.JUL.2020 10:43:34

Band7-10MHz-QPSK-21400-1RB#49

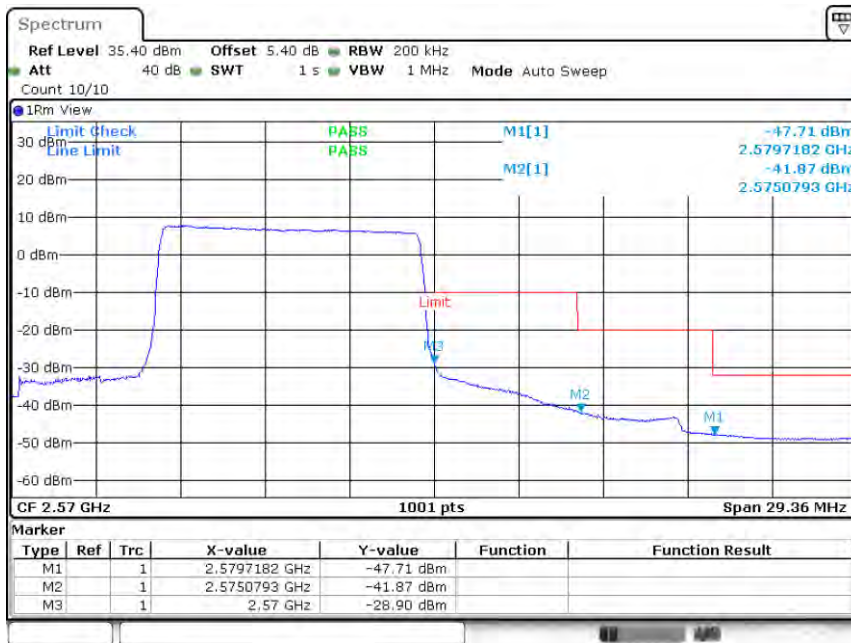


Date: 31.JUL.2020 10:42:47



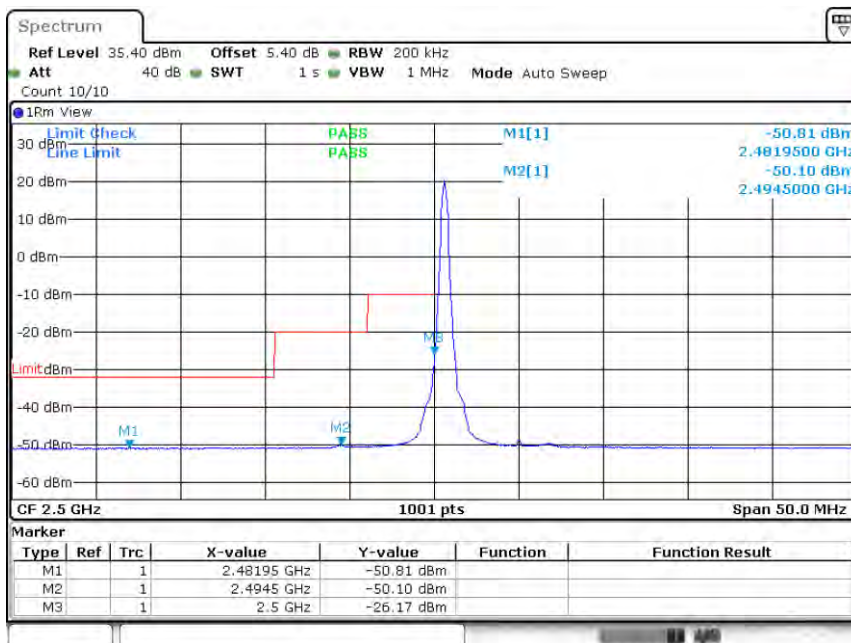
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Band7-10MHz-QPSK-21400-50RB#0



Date: 31.JUL.2020 10:44:16

Band7-10MHz-64QAM-20800-1RB#0



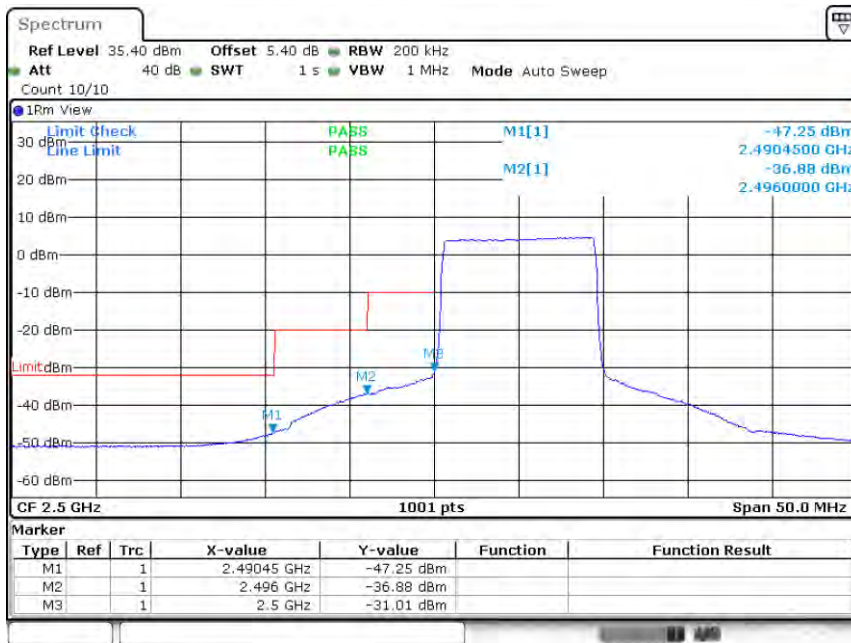
Date: 31.JUL.2020 14:45:08



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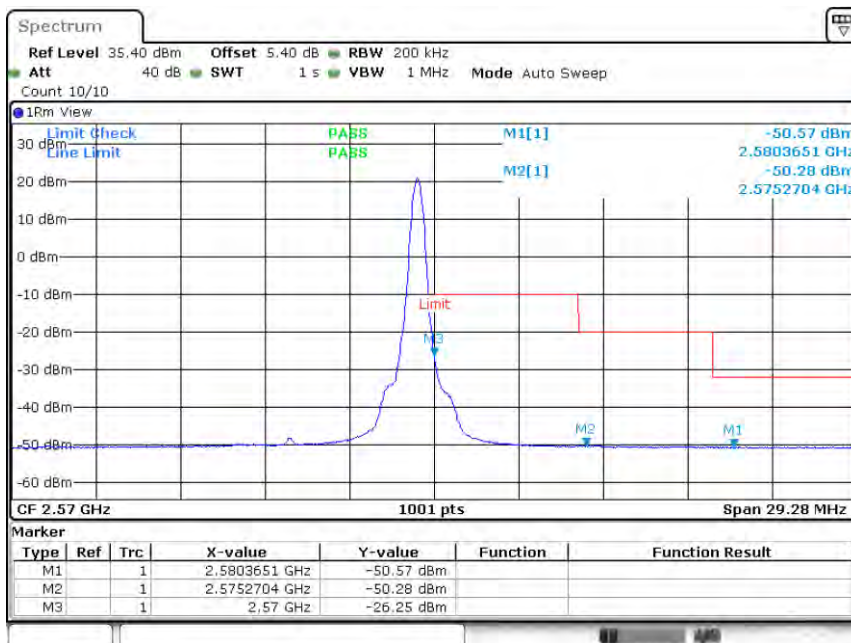


Band7-10MHz-64QAM-20800-50RB#0



Date: 31 JUL 2020 14:45:59

Band7-10MHz-64QAM-21400-1RB#49

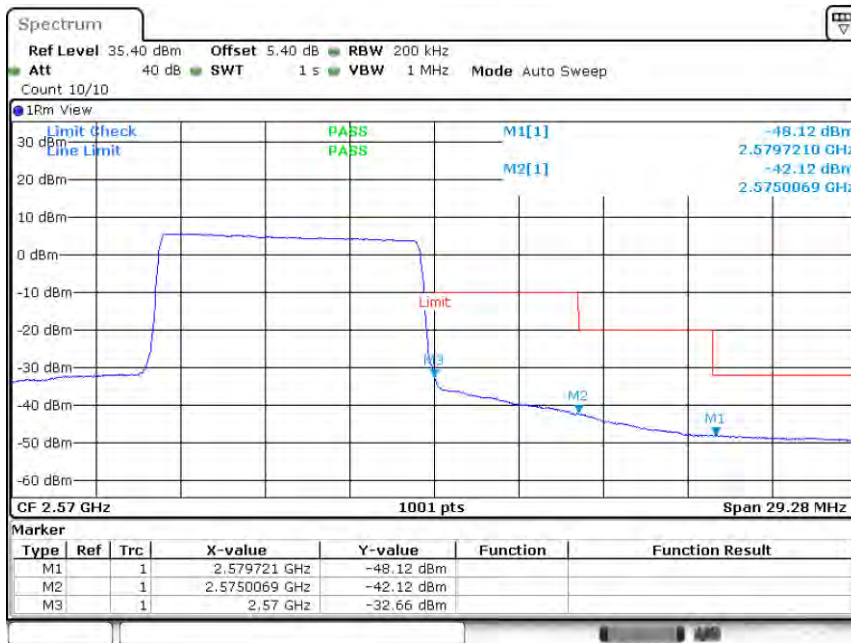


Date: 31 JUL 2020 14:45:34



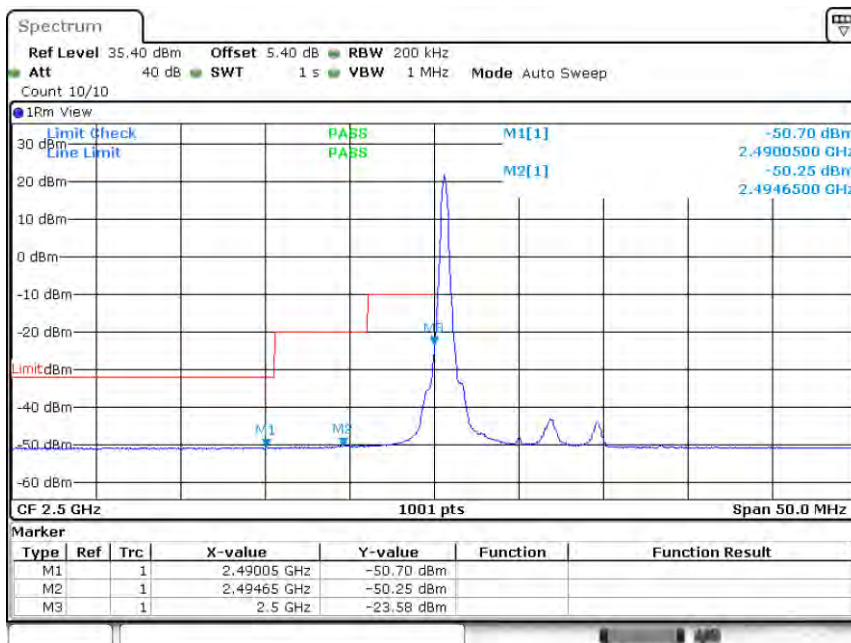
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Band7-10MHz-64QAM-21400-50RB#0



Date: 31 JUL 2020 14:46:21

Band7-10MHz-16QAM-20800-1RB#0

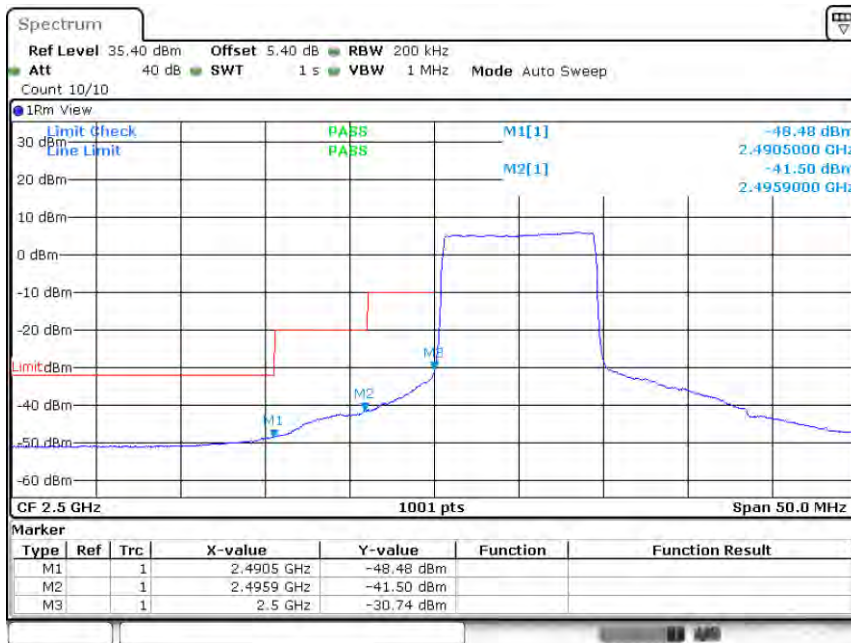


Date: 31 JUL 2020 10:42:22



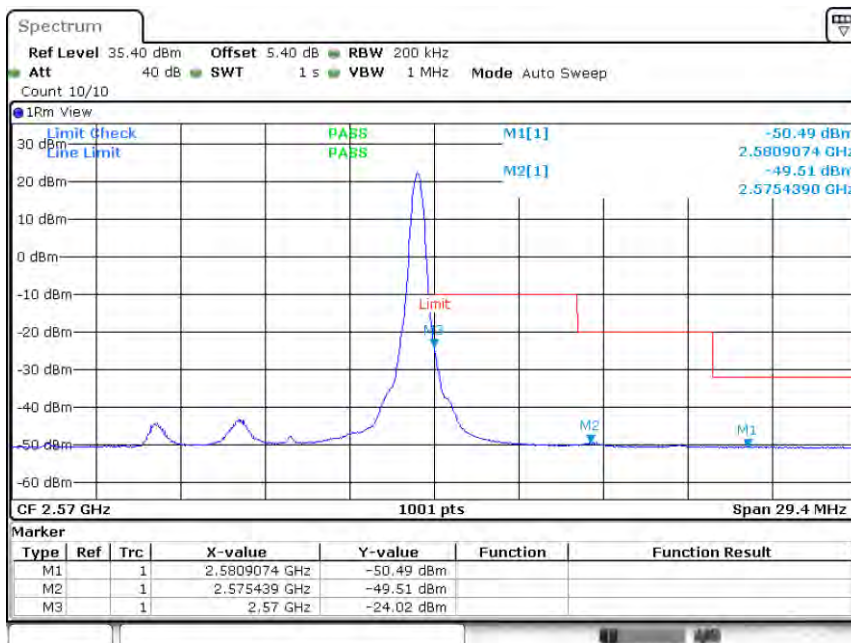
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Band7-10MHz-16QAM-20800-50RB#0



Date: 31 JUL 2020 10:43:56

Band7-10MHz-16QAM-21400-1RB#49

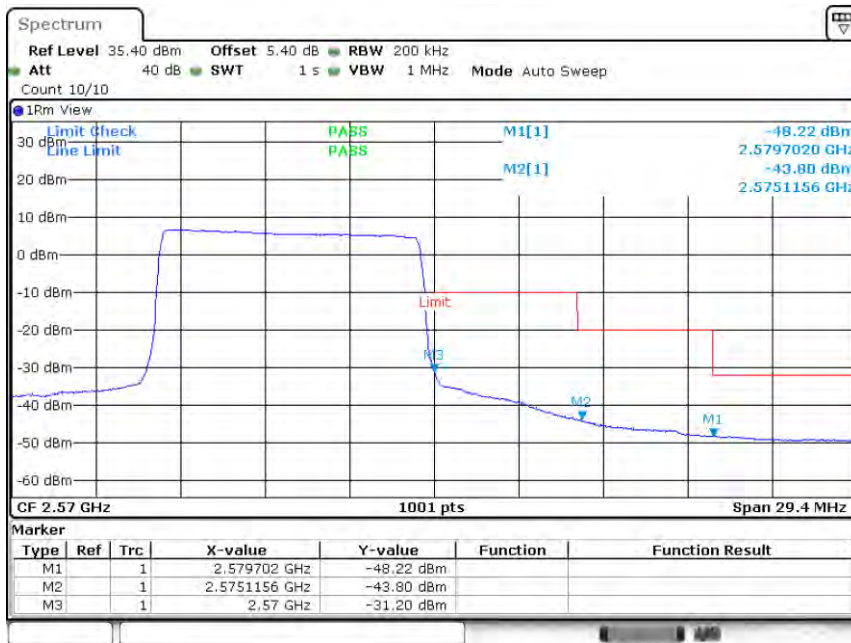


Date: 31 JUL 2020 10:43:08



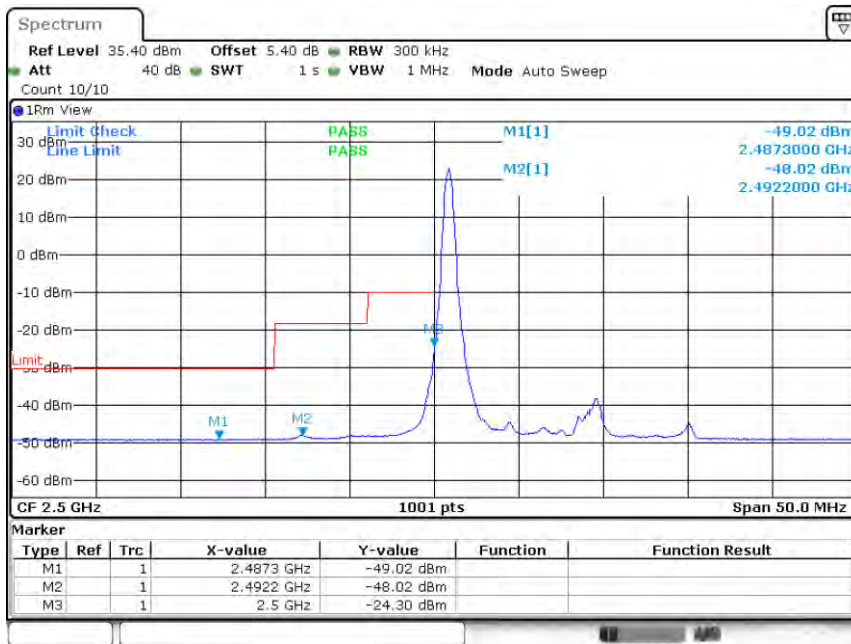
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Band7-10MHz-16QAM-21400-50RB#0



Date: 31 JUL 2020 10:44:38

Band7-15MHz-QPSK-20825-1RB#0

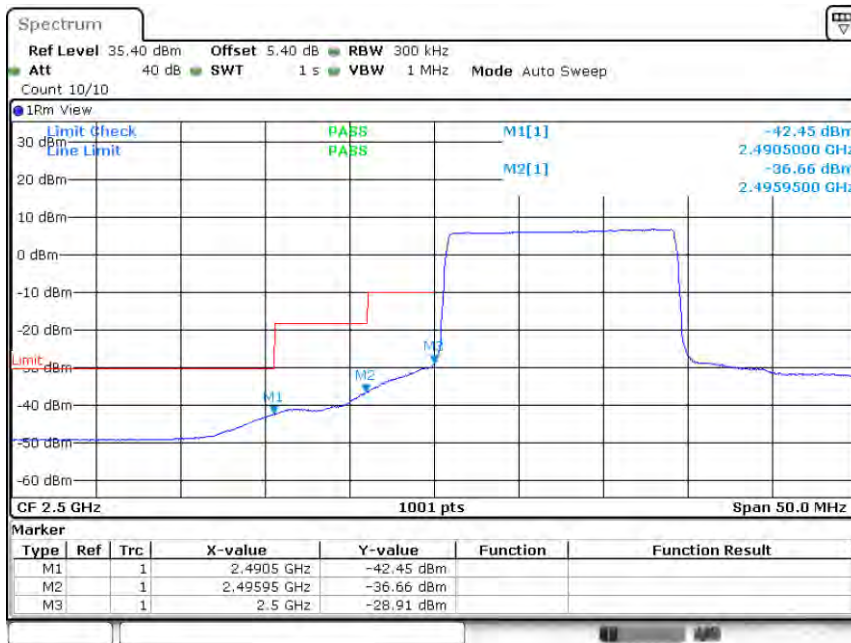


Date: 31 JUL 2020 10:45:04



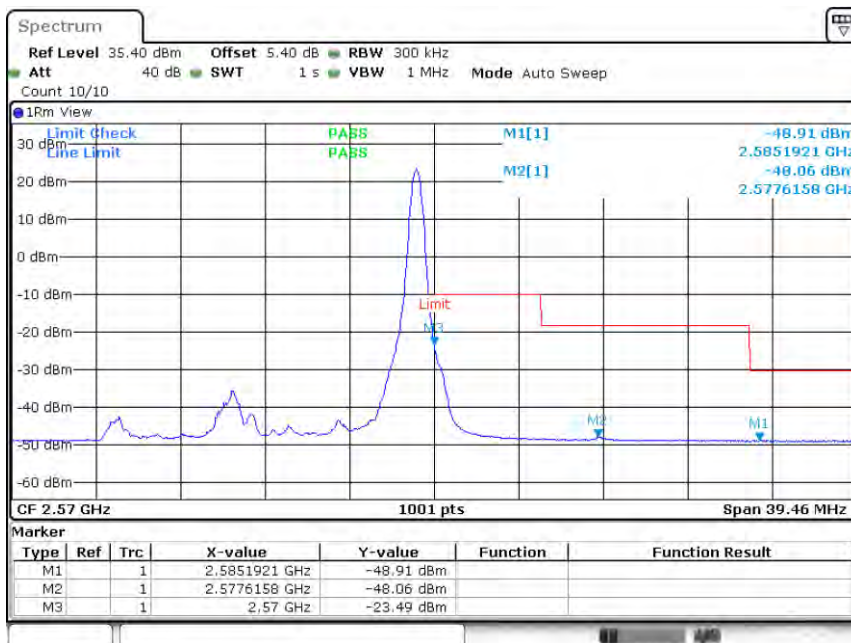
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Band7-15MHz-QPSK-20825-75RB#0



Date: 31 JUL 2020 10:46:37

Band7-15MHz-QPSK-21375-1RB#74

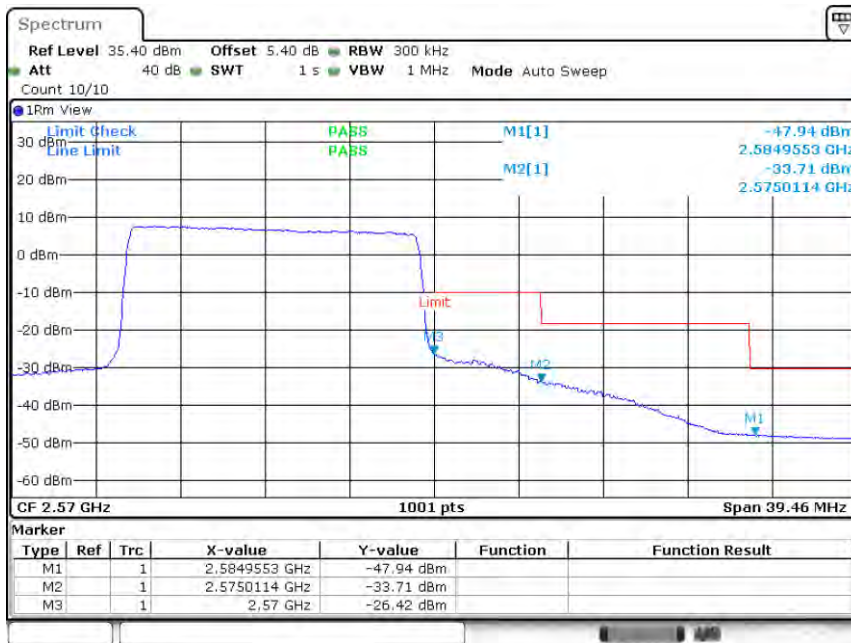


Date: 31 JUL 2020 10:45:50



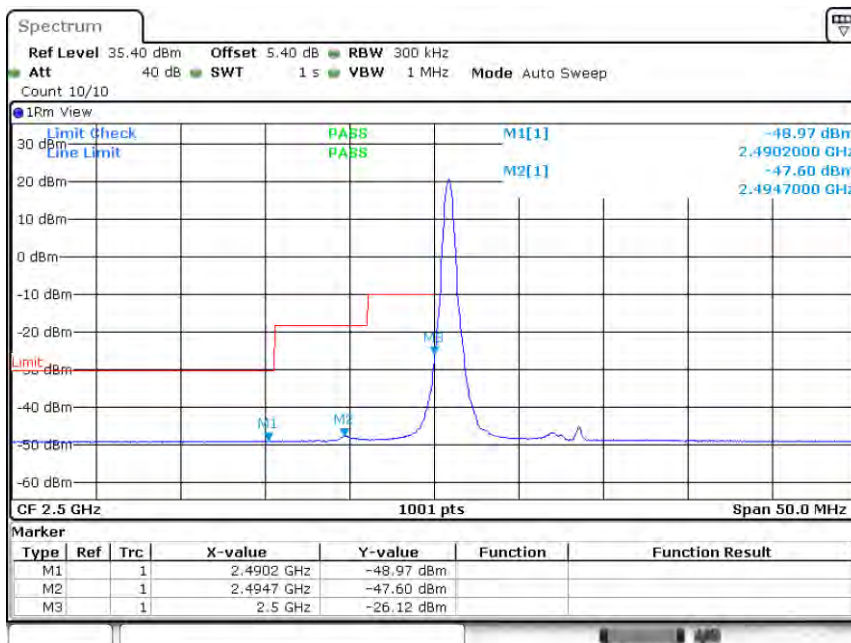
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Band7-15MHz-QPSK-21375-75RB#0



Date: 31 JUL 2020 10:47:19

Band7-15MHz-64QAM-20825-1RB#0

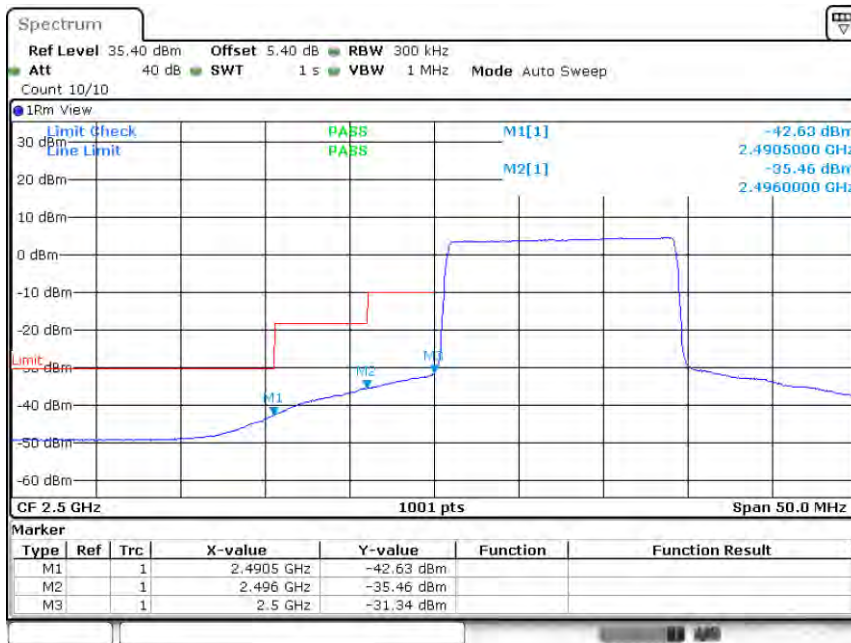


Date: 31 JUL 2020 14:46:47



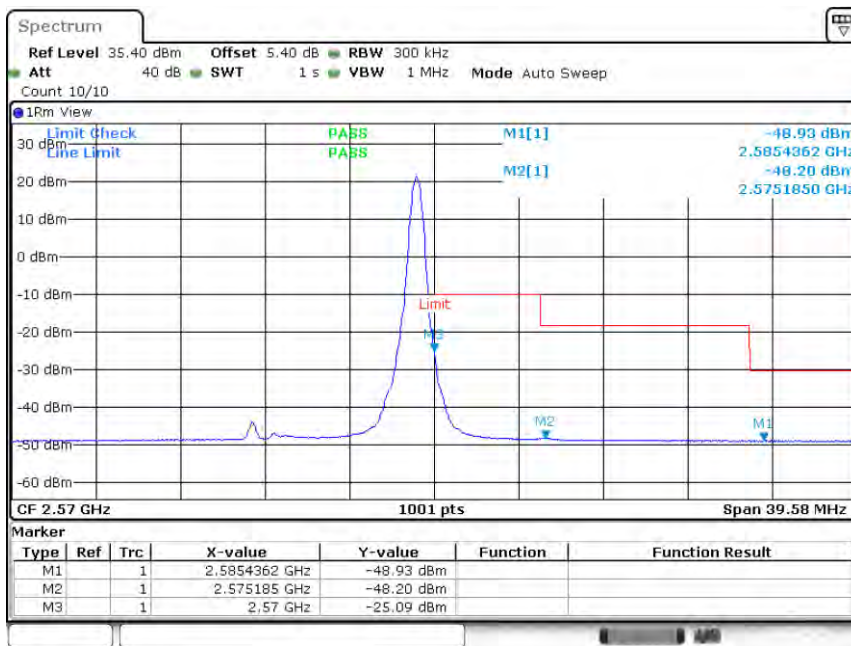
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Band7-15MHz-64QAM-20825-75RB#0



Date: 31.JUL.2020 14:47:43

Band7-15MHz-64QAM-21375-1RB#74

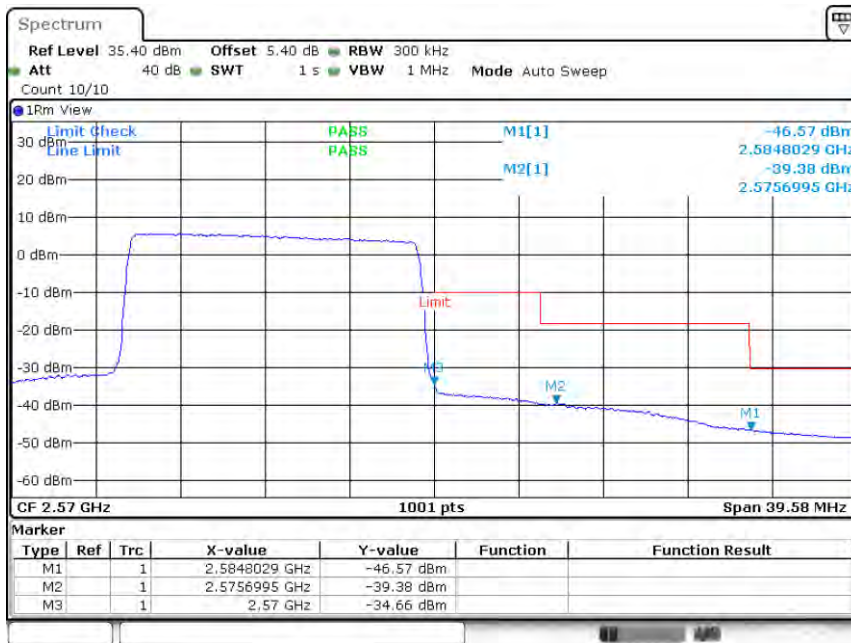


Date: 31.JUL.2020 14:47:17



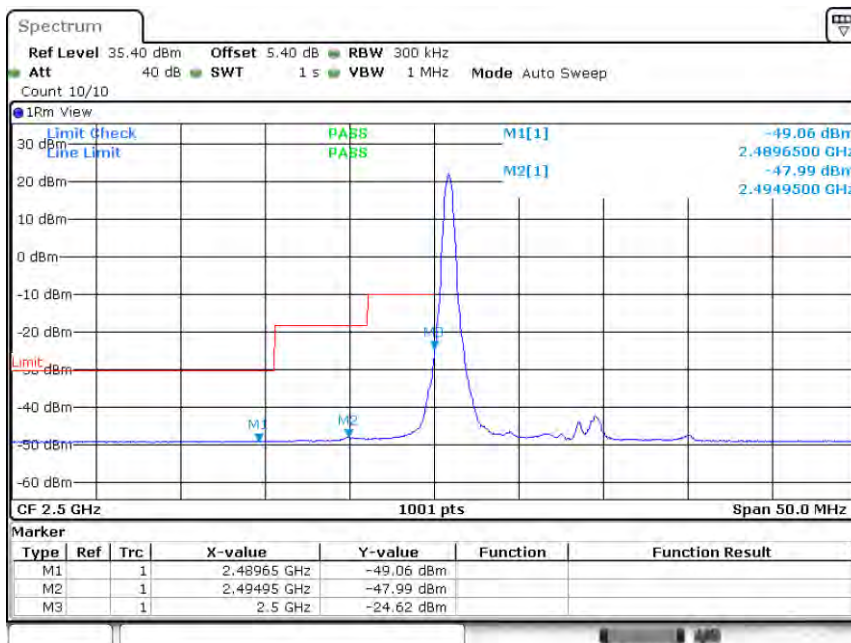
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Band7-15MHz-64QAM-21375-75RB#0



Date: 31 JUL 2020 14:48:04

Band7-15MHz-16QAM-20825-1RB#0

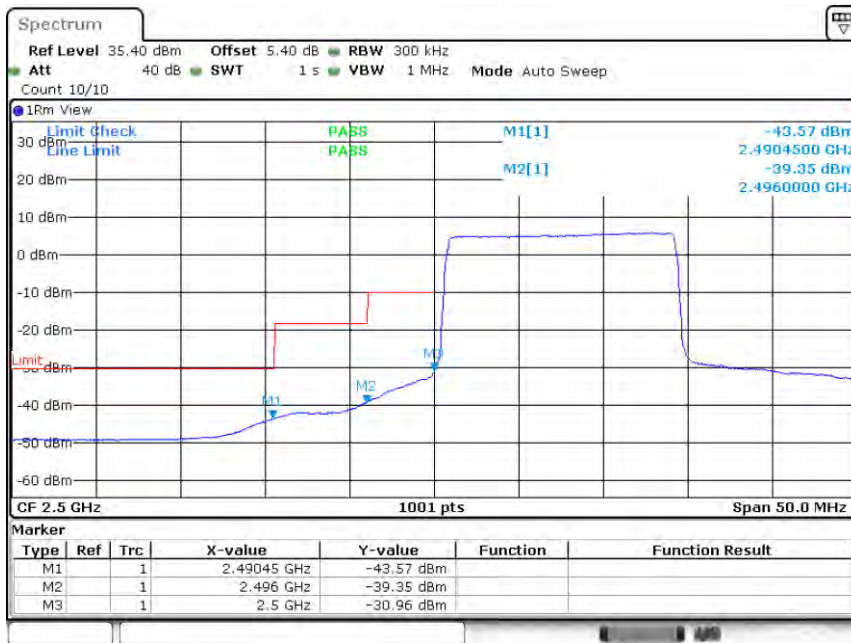


Date: 31 JUL 2020 10:45:25



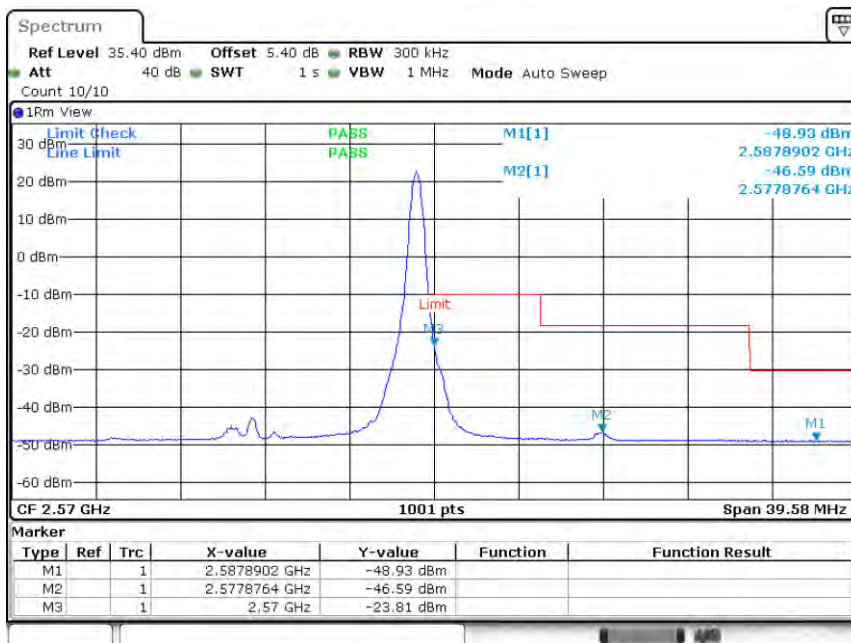
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Band7-15MHz-16QAM-20825-75RB#0



Date: 31 JUL 2020 10:46:58

Band7-15MHz-16QAM-21375-1RB#74

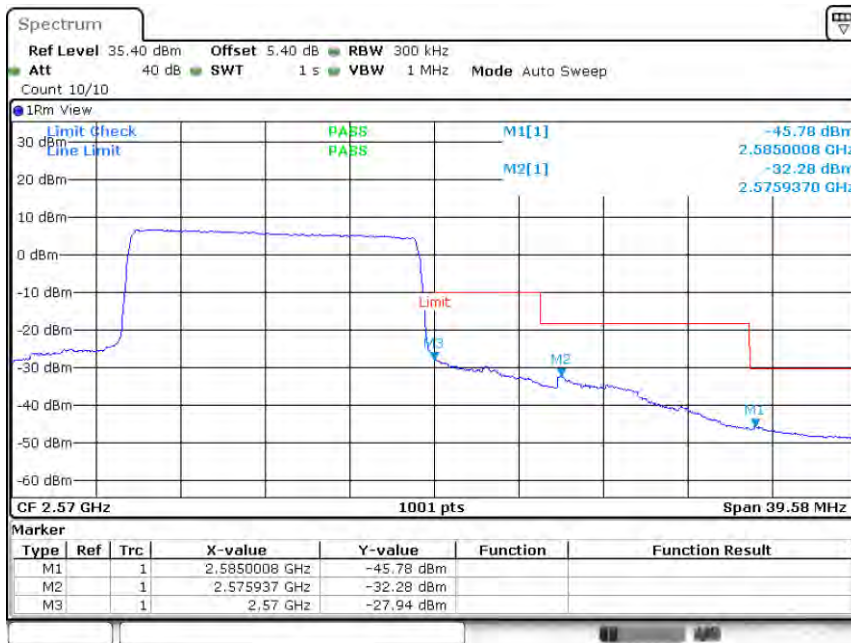


Date: 31 JUL 2020 10:46:11



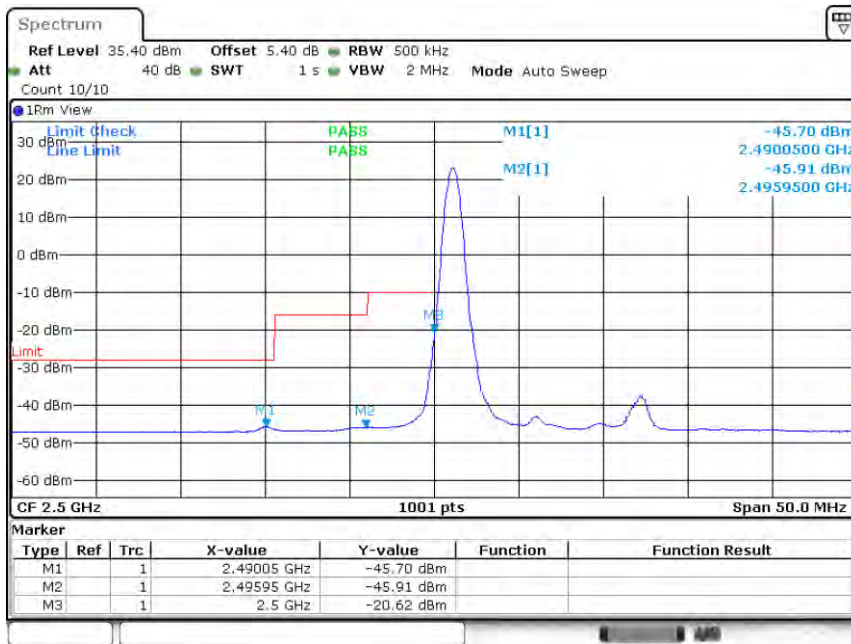
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Band7-15MHz-16QAM-21375-75RB#0



Date: 31 JUL 2020 10:47:40

Band7-20MHz-QPSK-20850-1RB#0

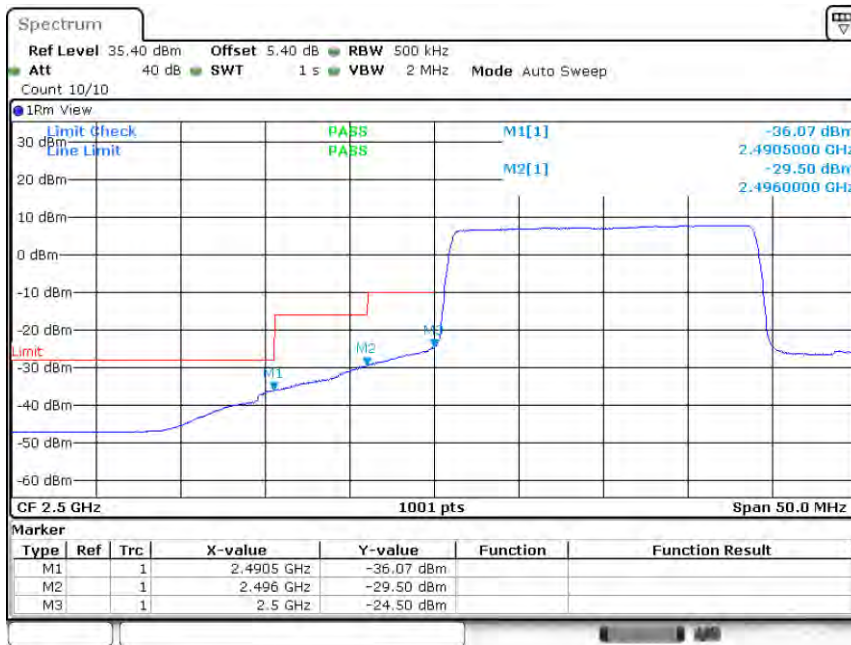


Date: 31 JUL 2020 10:48:06



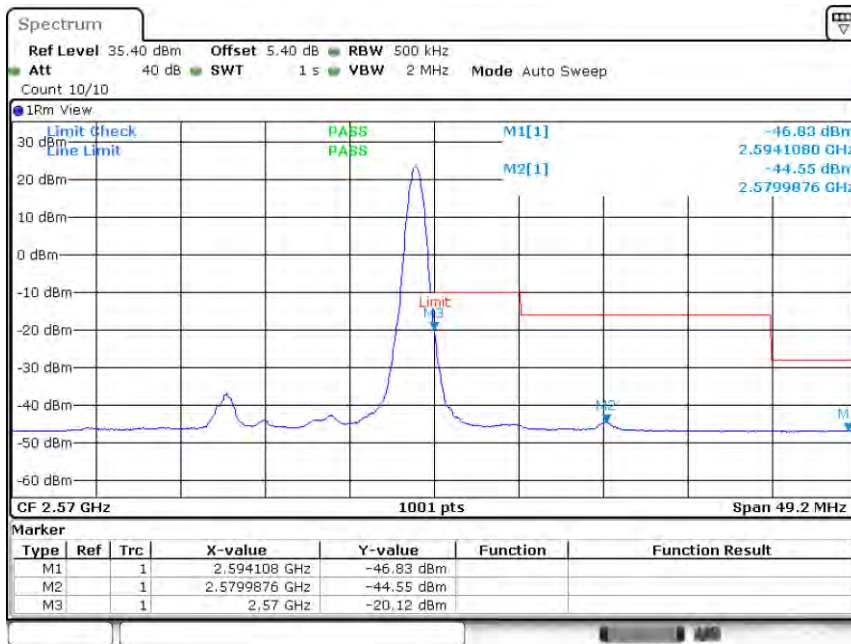
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Band7-20MHz-QPSK-20850-100RB#0



Date: 31 JUL 2020 10:49:40

Band7-20MHz-QPSK-21350-1RB#99

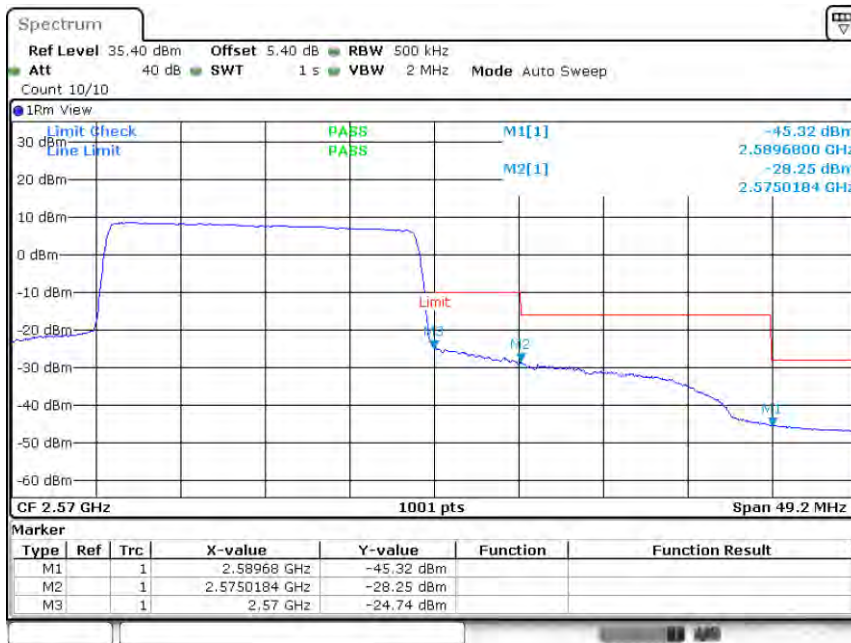


Date: 31 JUL 2020 10:48:53



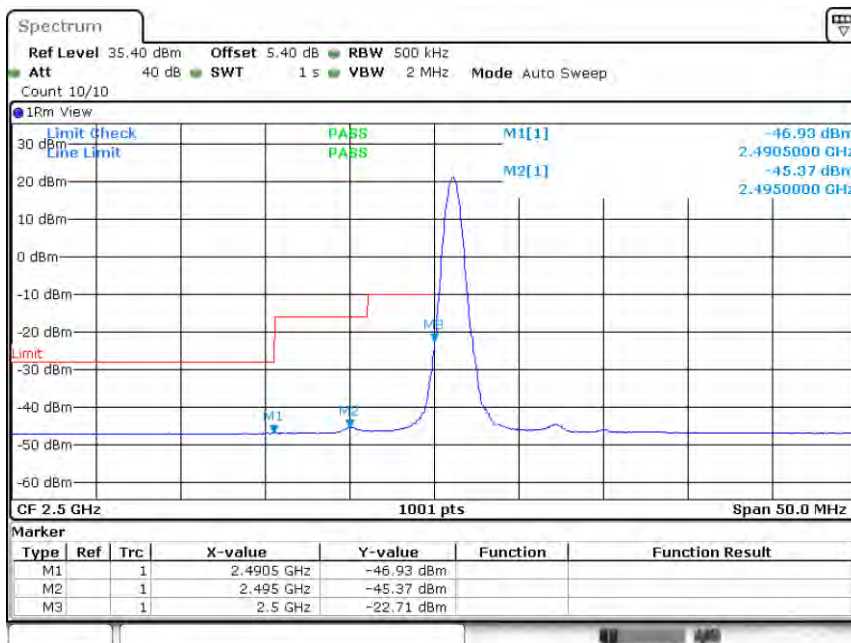
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Band7-20MHz-QPSK-21350-100RB#0



Date: 31 JUL 2020 10:50:22

Band7-20MHz-64QAM-20850-1RB#0

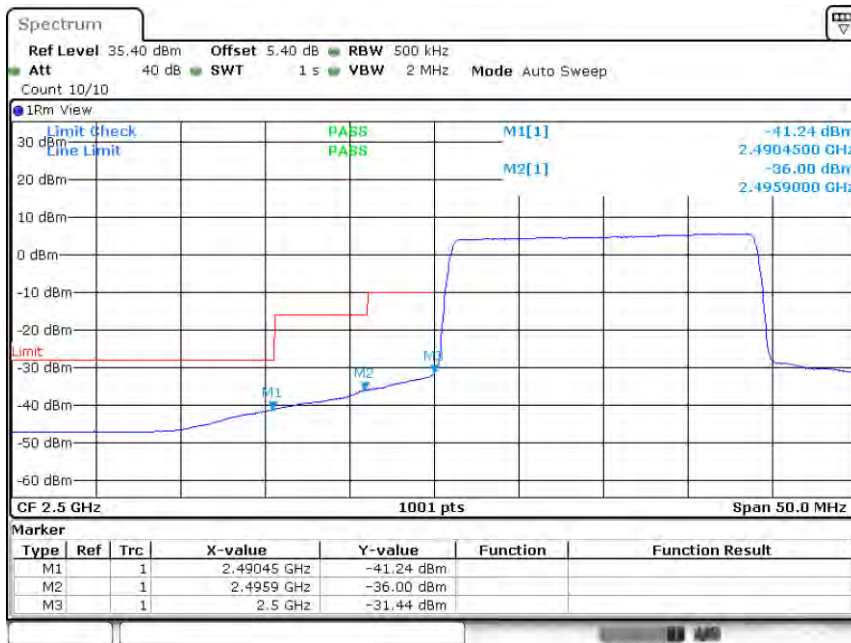


Date: 31 JUL 2020 14:48:31



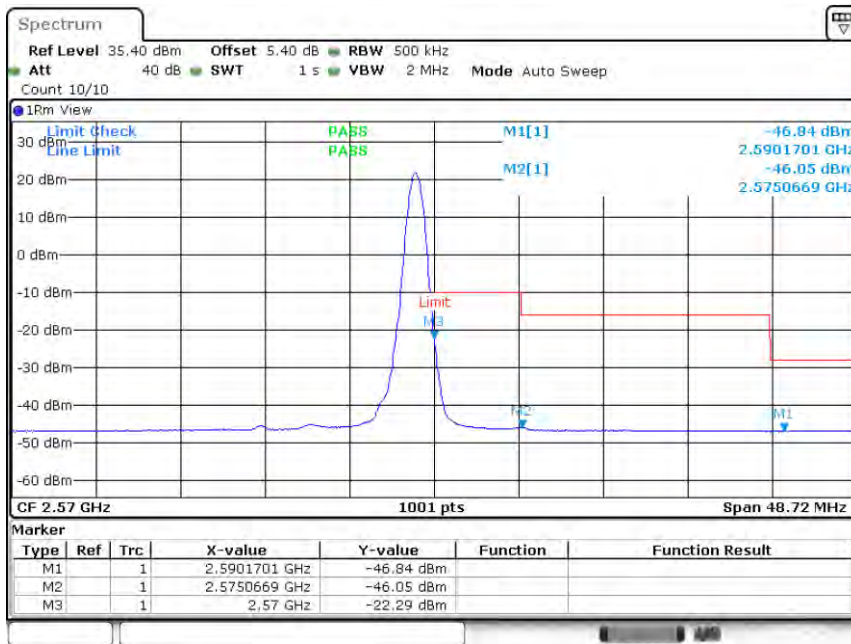
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Band7-20MHz-64QAM-20850-100RB#0



Date: 31 JUL 2020 14:49:23

Band7-20MHz-64QAM-21350-1RB#99

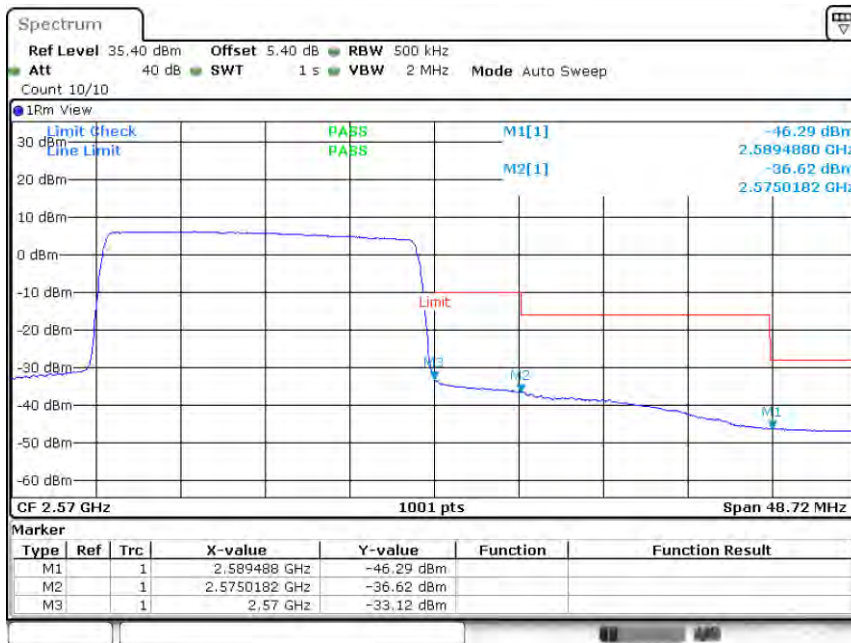


Date: 31 JUL 2020 14:48:57



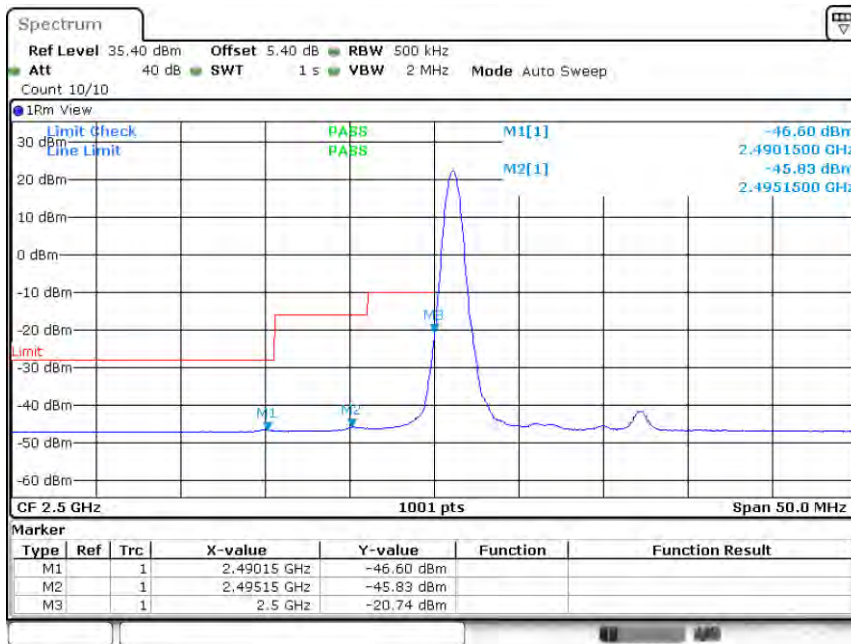
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Band7-20MHz-64QAM-21350-100RB#0



Date: 31 JUL 2020 14:49:44

Band7-20MHz-16QAM-20850-1RB#0

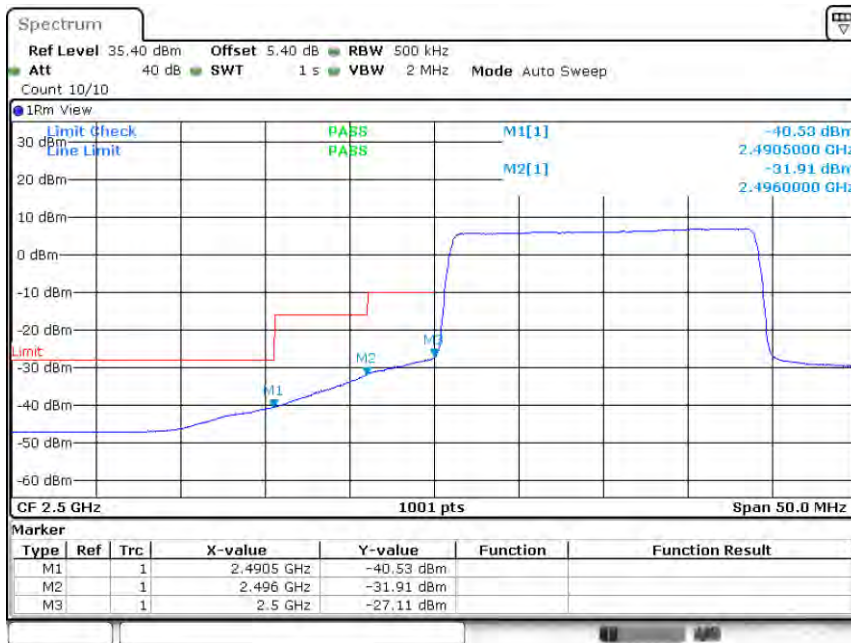


Date: 31 JUL 2020 10:48:28



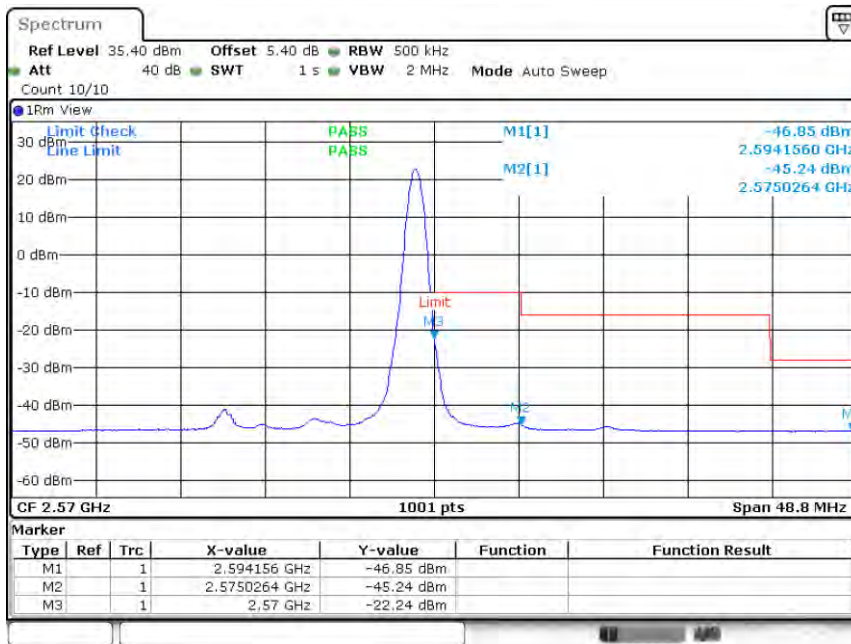
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Band7-20MHz-16QAM-20850-100RB#0



Date: 31 JUL 2020 10:50:01

Band7-20MHz-16QAM-21350-1RB#99

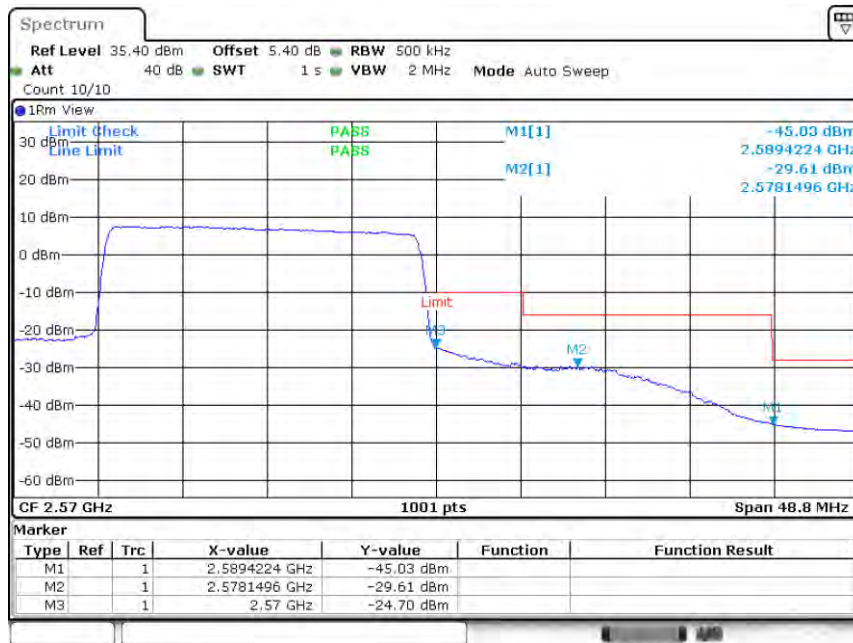


Date: 31 JUL 2020 10:49:14



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



Date: 31 JUL 2020 10:50:43



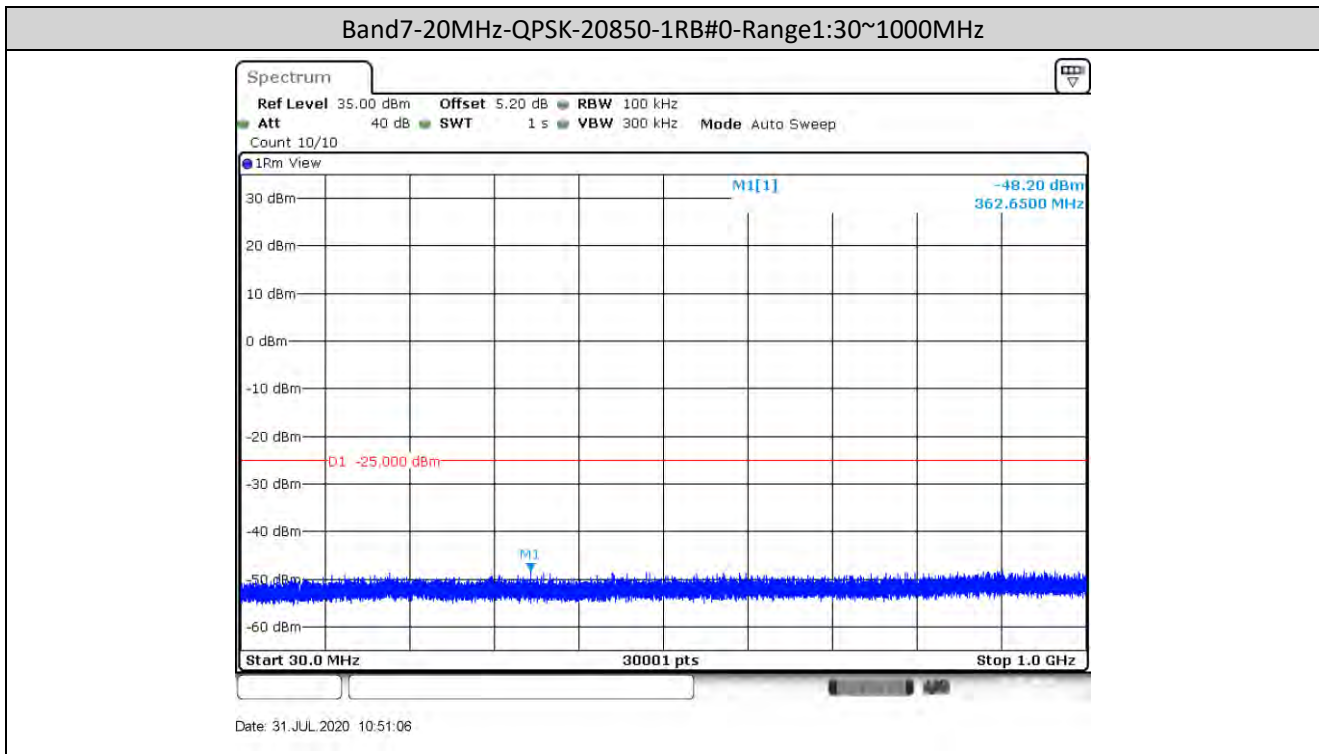
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6. Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " 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.

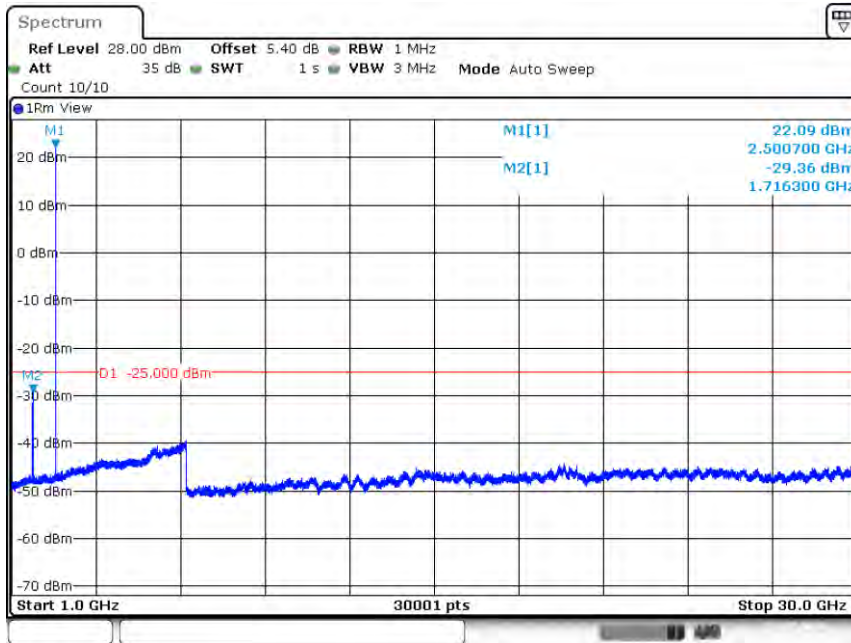
6.1. Test Plots



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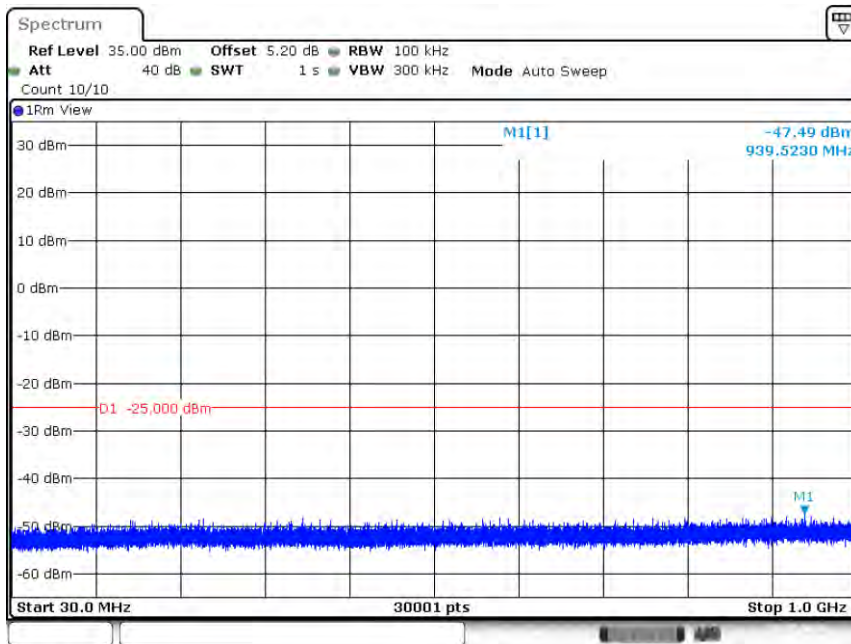
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Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:51:23

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

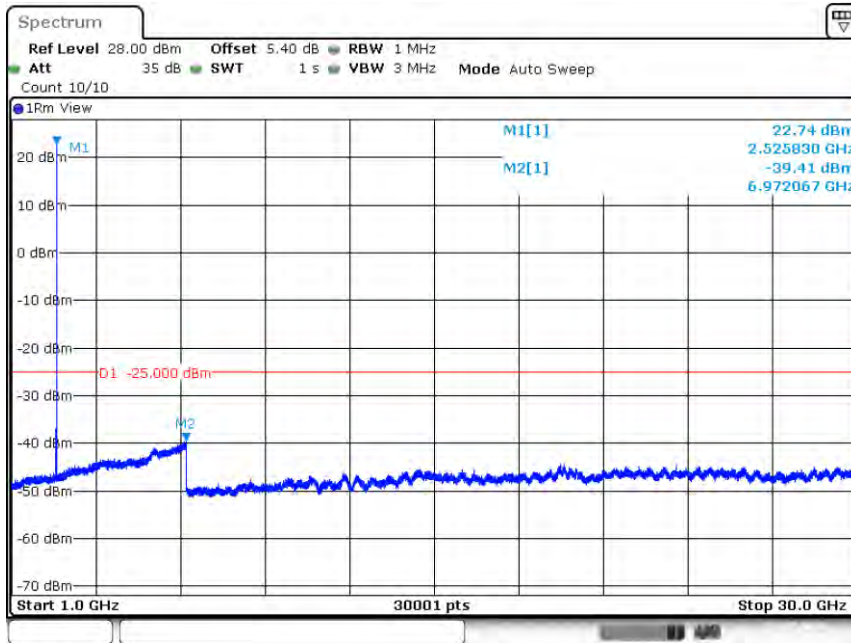


Date: 31 JUL 2020 10:52:16



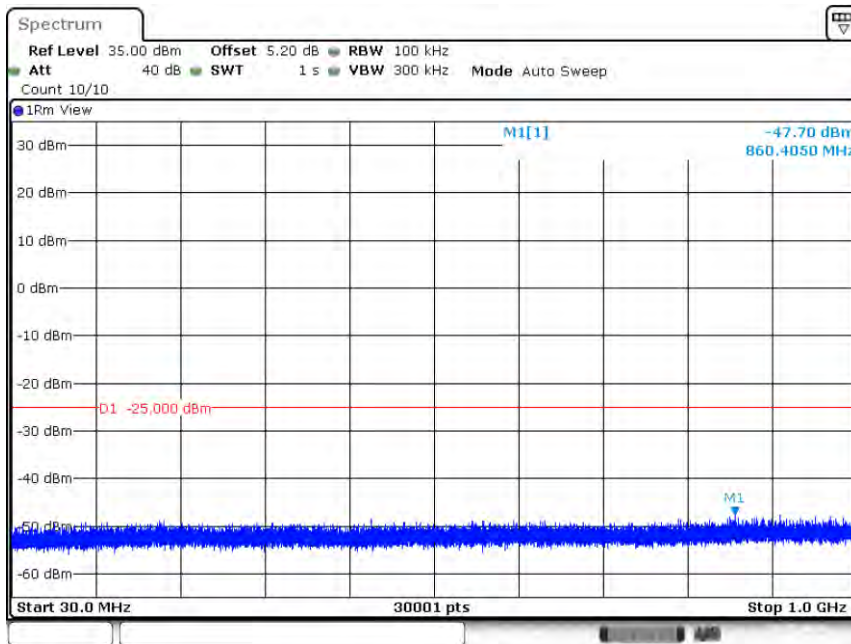
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:52:33

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



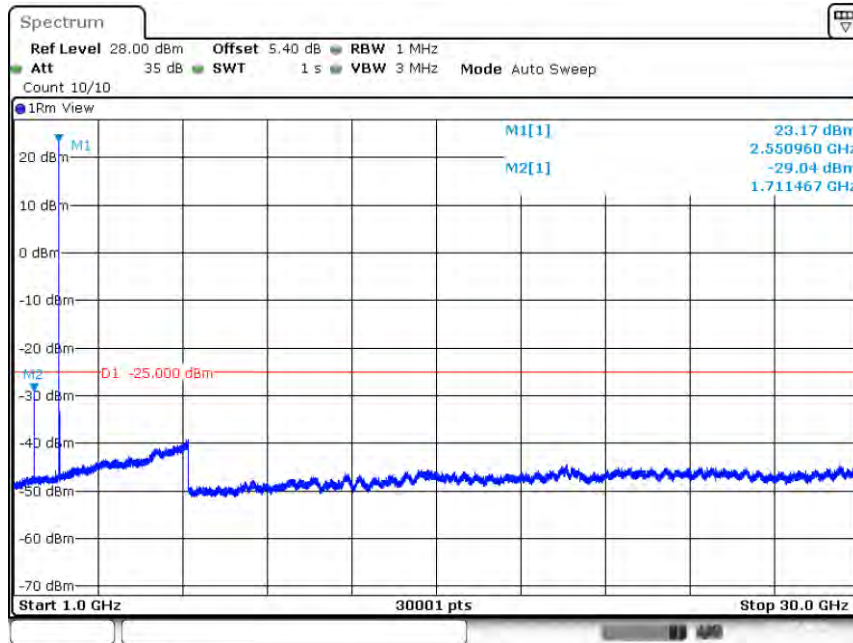
Date: 31 JUL 2020 10:53:26



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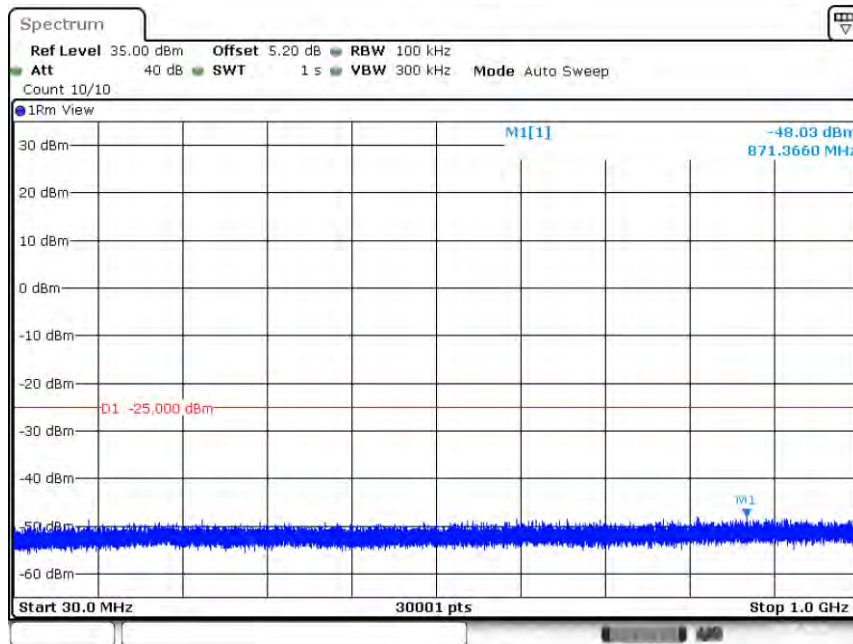
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:53:43

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



Date: 31 JUL 2020 14:50:07

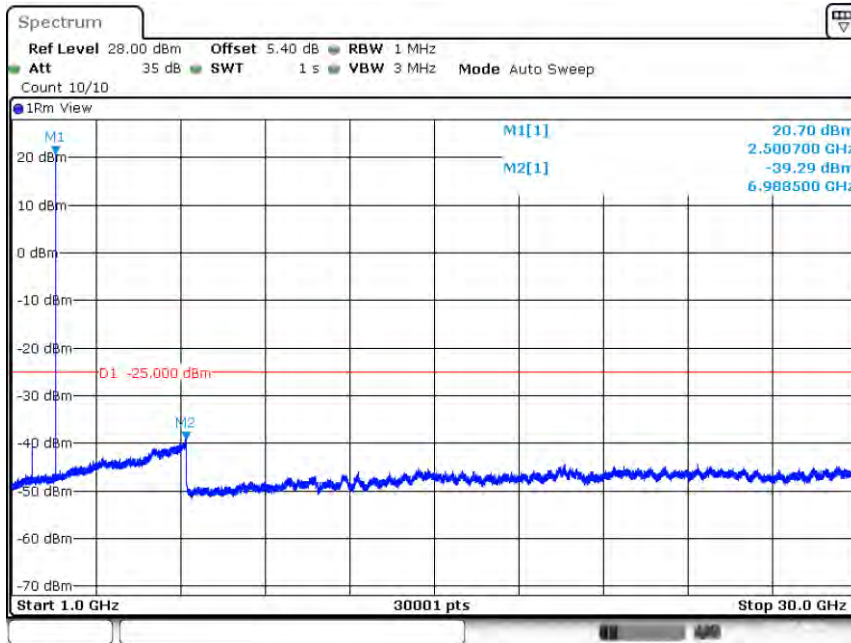


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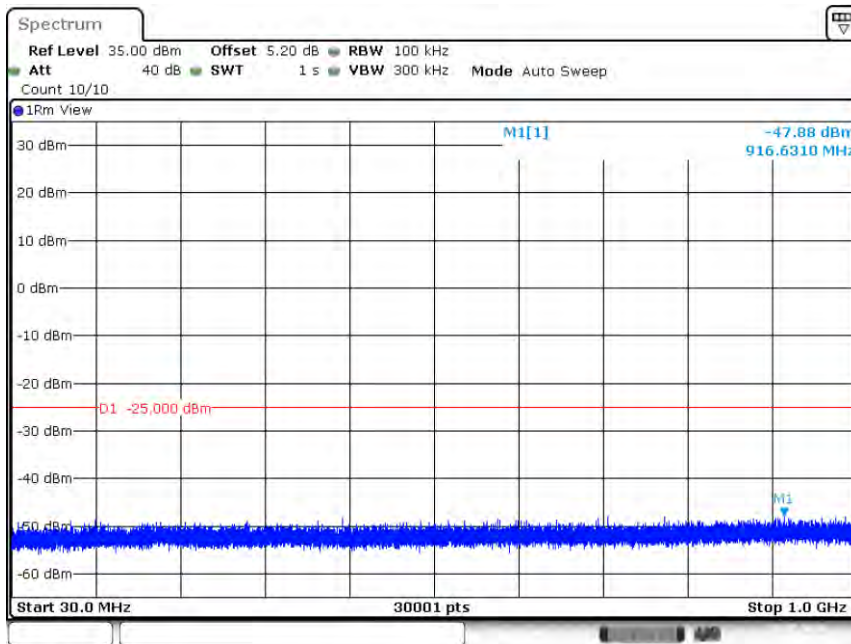
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:50:24

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

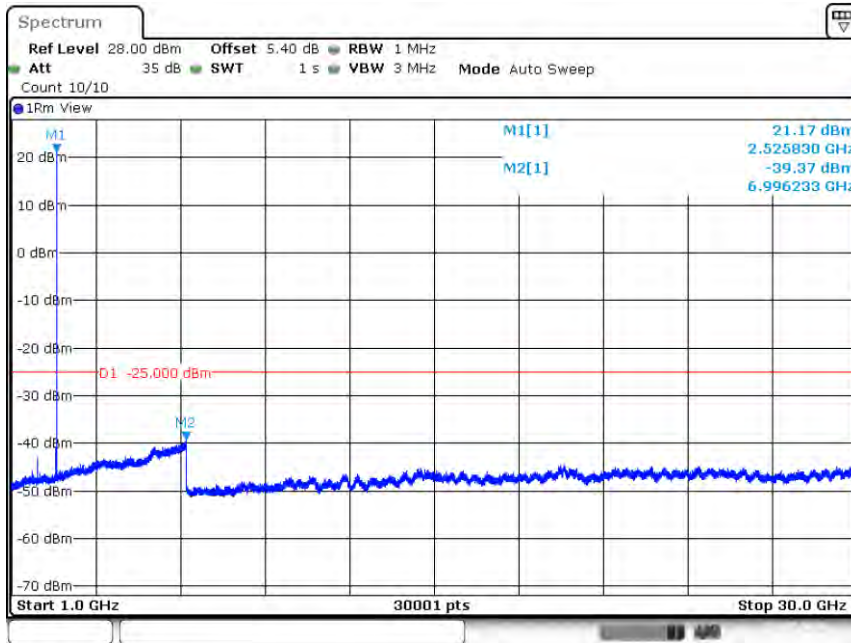


Date: 31 JUL 2020 14:50:42



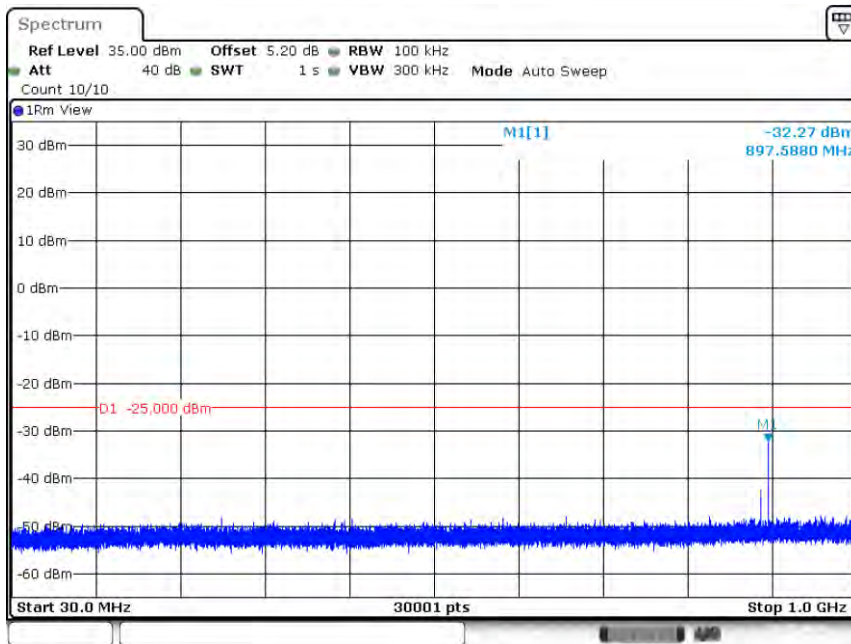
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:50:59

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

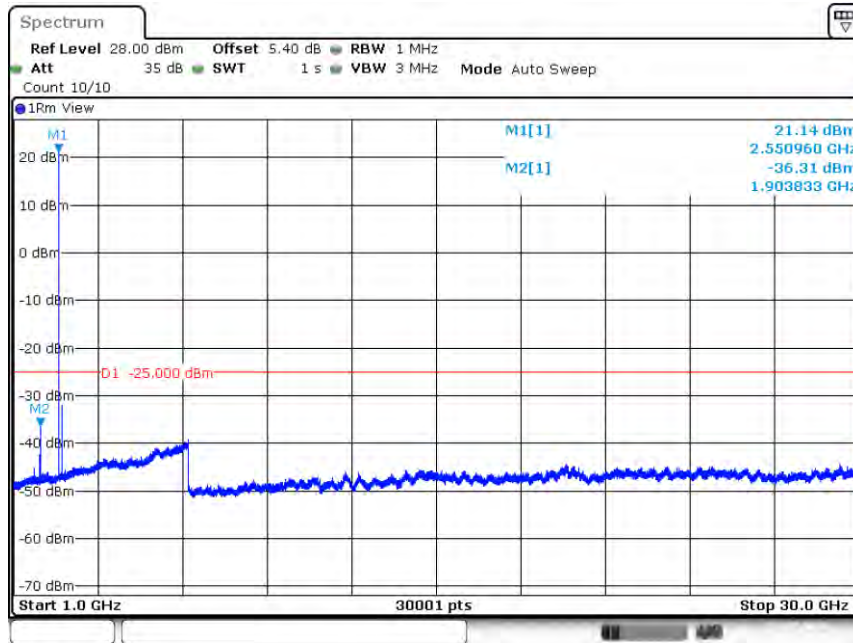


Date: 31 JUL 2020 14:51:18



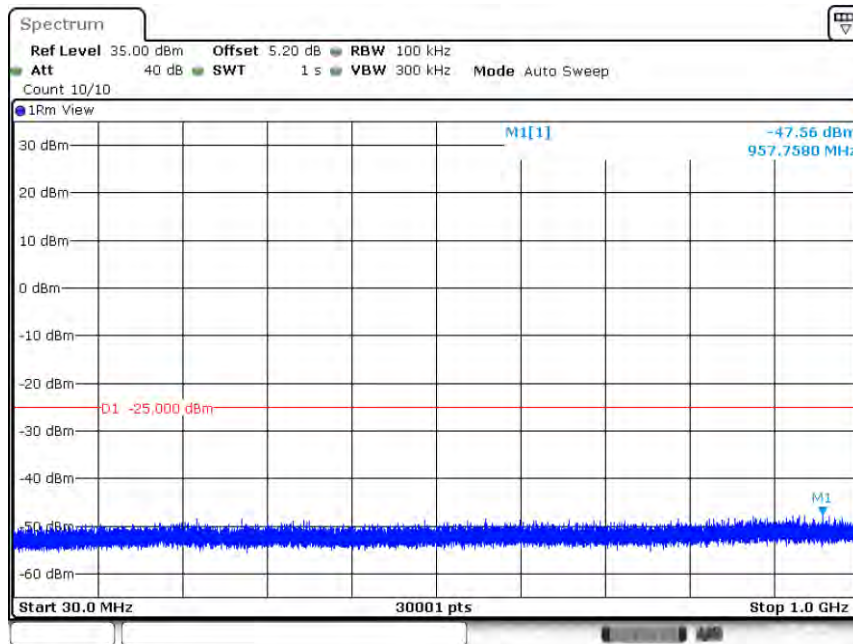
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Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 31.JUL.2020 14:51:34

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



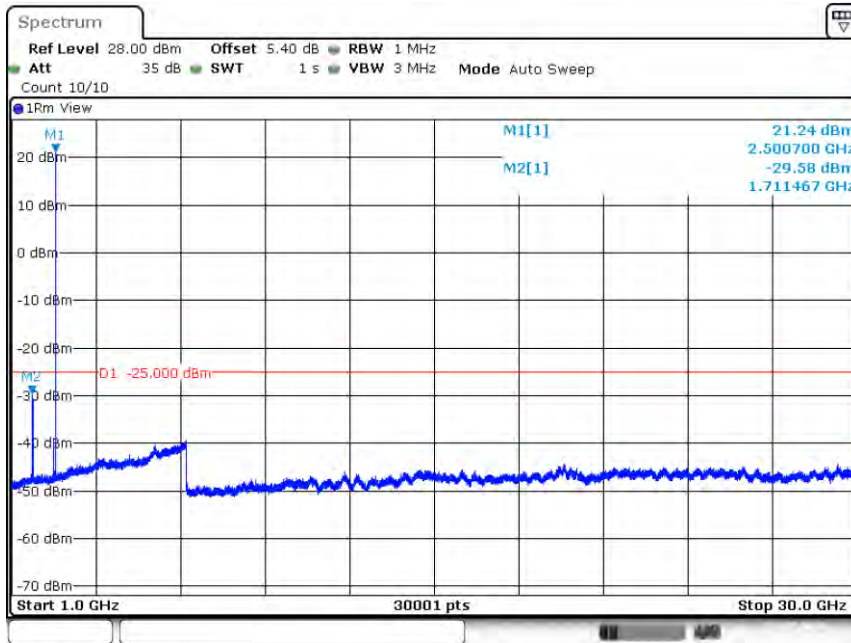
Date: 31.JUL.2020 10:51:41



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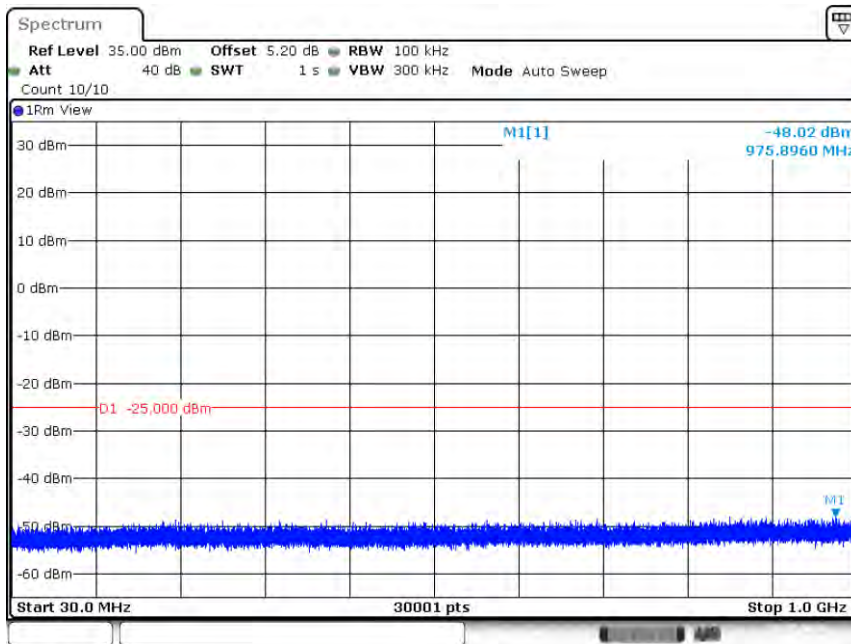
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:51:58

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

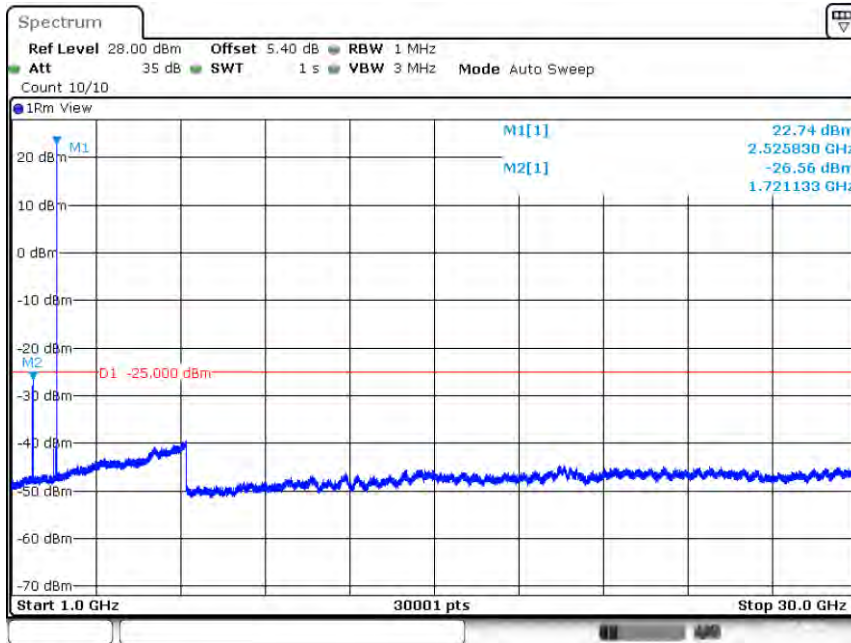


Date: 31 JUL 2020 10:52:51



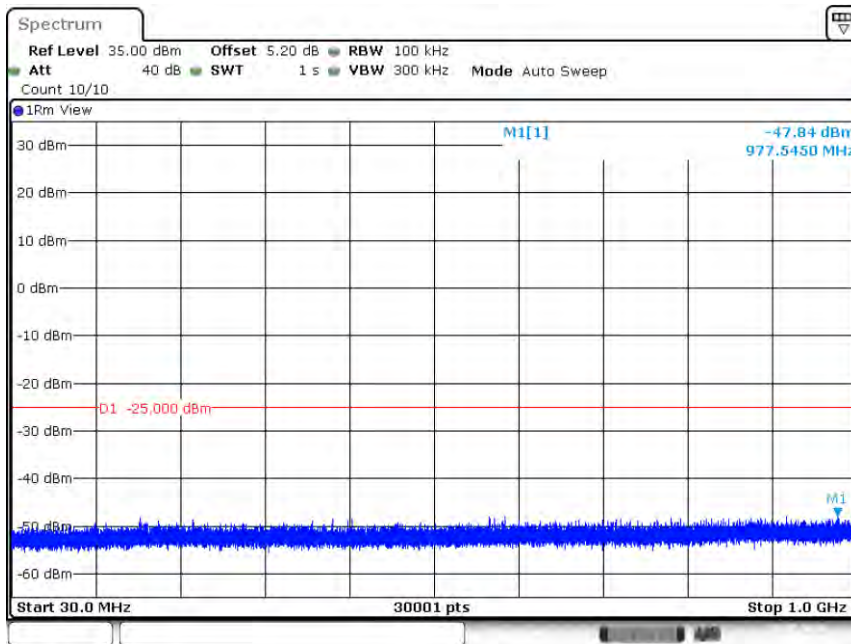
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 10:53:07

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

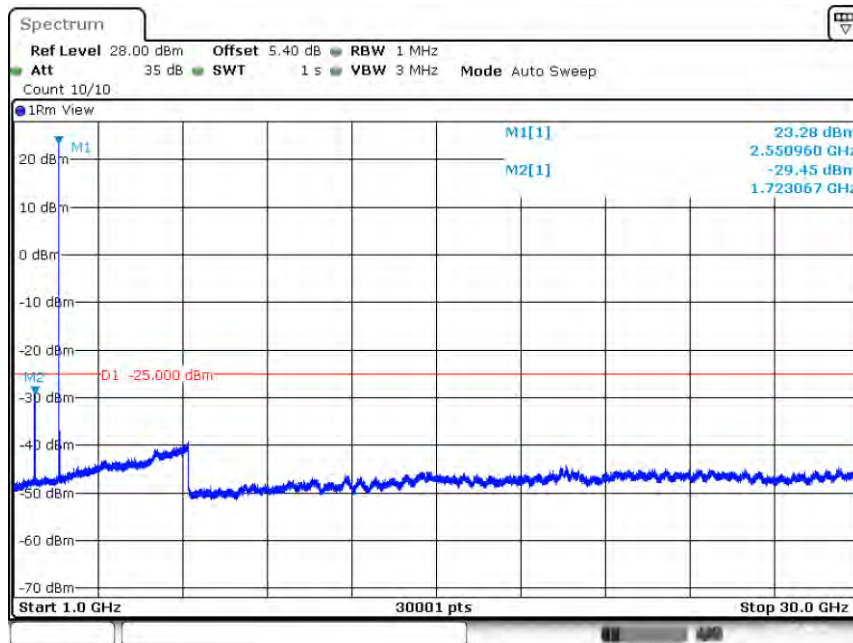


Date: 31 JUL 2020 10:54:01



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



Date: 31 JUL 2020 10:54:18



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7(Ant 1)

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
31.2611	-73.03	-25.00	48.03	Vertical
107.7494	-65.25	-25.00	40.25	Vertical
337.0689	-69.41	-25.00	44.41	Vertical
5002.2801	-58.06	-25.00	33.06	Vertical
7462.9785	-57.58	-25.00	32.58	Vertical
17992.7997	-42.09	-25.00	17.09	Vertical
39.3125	-65.18	-25.00	40.18	Horizontal
106.3428	-75.27	-25.00	50.27	Horizontal
245.2053	-69.01	-25.00	44.01	Horizontal
5002.2801	-55.12	-25.00	30.12	Horizontal
9329.0532	-54.92	-25.00	29.92	Horizontal
16387.7355	-46.10	-25.00	21.10	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0671	-73.55	-25.00	48.55	Vertical
109.9805	-64.15	-25.00	39.15	Vertical
312.2841	-69.31	-25.00	44.31	Vertical
5052.0821	-54.95	-25.00	29.95	Vertical
10687.5075	-53.46	-25.00	28.46	Vertical
17992.1997	-42.20	-25.00	17.20	Vertical
41.5921	-65.13	-25.00	40.13	Horizontal
83.0132	-75.44	-25.00	50.44	Horizontal
237.3964	-68.89	-25.00	43.89	Horizontal
5052.0821	-52.27	-25.00	27.27	Horizontal
10010.6804	-54.51	-25.00	29.51	Horizontal
16404.5362	-45.46	-25.00	20.46	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.5820	-73.12	-25.00	48.12	Vertical
110.0290	-65.71	-25.00	40.71	Vertical
385.6683	-67.78	-25.00	42.78	Vertical
5102.4841	-56.26	-25.00	31.26	Vertical
10547.1019	-53.47	-25.00	28.47	Vertical
17997.5999	-42.17	-25.00	17.17	Vertical
42.6591	-65.15	-25.00	40.15	Horizontal
101.1046	-75.91	-25.00	50.91	Horizontal
231.2851	-69.12	-25.00	44.12	Horizontal
5101.8841	-53.72	-25.00	28.72	Horizontal
9353.6541	-54.71	-25.00	29.71	Horizontal
16394.9358	-45.73	-25.00	20.73	Horizontal

7.2. Test Band = LTE Band 7(Ant4)

7.2.1. Test Mode = LTE/TM1 20MHz

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4551	-73.32	-25.00	48.32	Vertical
107.9919	-65.35	-25.00	40.35	Vertical
331.4426	-69.20	-25.00	44.20	Vertical
5002.2801	-54.80	-25.00	29.80	Vertical
10683.9074	-53.44	-25.00	28.44	Vertical
17987.3995	-42.25	-25.00	17.25	Vertical
41.9801	-65.04	-25.00	40.04	Horizontal
78.8419	-75.56	-25.00	50.56	Horizontal
237.7359	-68.98	-25.00	43.98	Horizontal
5001.6801	-55.93	-25.00	30.93	Horizontal
9326.0530	-54.74	-25.00	29.74	Horizontal
16390.7356	-45.87	-25.00	20.87	Horizontal



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7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-73.04	-25.00	48.04	Vertical
111.3871	-65.23	-25.00	40.23	Vertical
286.8203	-69.50	-25.00	44.50	Vertical
5052.0821	-52.88	-25.00	27.88	Vertical
11382.3353	-53.74	-25.00	28.74	Vertical
17995.7998	-42.75	-25.00	17.75	Vertical
42.3196	-65.12	-25.00	40.12	Horizontal
110.3685	-76.87	-25.00	51.87	Horizontal
234.7287	-69.11	-25.00	44.11	Horizontal
5052.0821	-54.88	-25.00	29.88	Horizontal
10592.7037	-54.05	-25.00	29.05	Horizontal
16393.7357	-45.59	-25.00	20.59	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.0186	-73.81	-25.00	48.81	Vertical
113.4242	-64.74	-25.00	39.74	Vertical
293.0772	-69.96	-25.00	44.96	Vertical
5101.8841	-55.64	-25.00	30.64	Vertical
10692.3077	-53.38	-25.00	28.38	Vertical
17994.5998	-42.49	-25.00	17.49	Vertical
45.1813	-64.39	-25.00	39.39	Horizontal
83.8862	-75.86	-25.00	50.86	Horizontal
236.6203	-68.73	-25.00	43.73	Horizontal
5101.8841	-55.67	-25.00	30.67	Horizontal
9521.6609	-54.98	-25.00	29.98	Horizontal
16399.1360	-45.19	-25.00	20.19	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.



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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	-1.50	-0.000598	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-3.00	-0.001195	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-0.80	-0.000319	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-0.70	-0.000276	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-1.30	-0.000513	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	1.00	0.000394	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-3.30	-0.001289	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-1.10	-0.000430	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	2.40	0.000956	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	1.10	0.000438	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	1.60	0.000637	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	0.10	0.000039	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	0.90	0.000355	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-1.70	-0.000671	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-1.40	-0.000547	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-1.90	-0.000742	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-3.30	-0.001315	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	0.30	0.000120	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-0.40	-0.000159	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	1.40	0.000552	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-2.00	-0.000781	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	0.30	0.000117	±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	0.30	0.000120	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	0.80	0.000319	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-2.50	-0.000996	±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	1.00	0.000398	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	1.40	0.000558	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-1.10	-0.000438	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	1.30	0.000518	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-3.10	-0.001223	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-1.80	-0.000710	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	0.30	0.000118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	1.10	0.000434	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	0.20	0.000079	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-0.50	-0.000197	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-0.10	-0.000039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	2.10	0.000820	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-1.40	-0.000547	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	0.40	0.000156	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-2.70	-0.001055	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-0.50	-0.000195	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-0.50	-0.000199	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-0.70	-0.000279	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	1.60	0.000637	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-0.50	-0.000199	±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	30	0.60	0.000239	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	1.40	0.000558	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	-1.80	-0.000717	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-1.00	-0.000394	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	0.50	0.000197	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-0.30	-0.000118	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-0.90	-0.000355	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	40	-0.70	-0.000276	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	-0.60	-0.000237	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	1.70	0.000664	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-3.10	-0.001211	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-1.50	-0.000586	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	0.70	0.000273	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-1.10	-0.000430	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-1.70	-0.000664	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	1.60	0.000625	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-0.60	-0.000239	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-0.90	-0.000359	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-1.90	-0.000757	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-1.00	-0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-0.20	-0.000080	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	0.60	0.000239	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-1.50	-0.000598	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-3.00	-0.001195	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	0.70	0.000276	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	0.30	0.000118	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-1.40	-0.000552	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-0.70	-0.000276	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-1.60	-0.000631	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-1.00	-0.000394	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-1.90	-0.000742	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	0.80	0.000313	±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	1.70	0.000664	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	1.90	0.000742	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	0.50	0.000195	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	0.30	0.000117	±2.5	PASS



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