Appendix B

E-UTRA Band 7

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.26	20.26	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.32	20.32	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.35	20.35	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.39	19.39	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.46	19.46	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.46	19.46	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.44	19.44	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.16	20.16	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.28	20.28	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.36	20.36	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.39	19.39	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.43	19.43	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.47	19.47	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.37	19.37	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.34	20.34	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.45	20.45	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.37	20.37	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.49	19.49	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.39	19.39	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.46	19.46	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.40	19.40	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.22	19.22	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.75	19.75	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.49	19.49	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.52	18.52	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.48	18.48	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.50	18.50	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.41	18.41	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.82	19.82	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.63	19.63	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.63	19.63	33.00	PASS

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Band7	5MHz	16QAM	21100	12RB#0	21.49	18.49	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.46	18.46	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.47	18.47	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.50	18.50	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.87	19.87	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.35	19.35	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.75	19.75	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.50	18.50	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.43	18.43	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.60	18.60	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.41	18.41	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.46	18.46	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.46	18.46	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.45	18.45	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.85	16.85	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.01	17.01	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.01	17.01	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.01	17.01	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.42	18.42	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.45	18.45	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.42	18.42	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.02	17.02	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.89	16.89	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.01	17.01	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.00	17.00	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.44	18.44	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.42	18.42	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.39	18.39	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.00	17.00	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.91	16.91	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.89	16.89	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.01	17.01	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.17	20.17	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.31	20.31	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.37	20.37	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.34	19.34	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.49	19.49	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.49	19.49	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.48	19.48	33.00	PASS

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Band7	10MHz	QPSK	21100	1RB#0	23.37	20.37	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.33	20.33	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.46	20.46	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.30	19.30	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.48	19.48	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.46	19.46	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.48	19.48	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.27	20.27	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.41	20.41	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.44	20.44	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.41	19.41	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.59	19.59	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.55	19.55	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.54	19.54	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.44	19.44	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.87	19.87	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.68	19.68	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.23	18.23	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.39	18.39	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.50	18.50	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.47	18.47	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.82	19.82	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.89	19.89	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.71	19.71	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.41	18.41	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.47	18.47	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.48	18.48	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.47	18.47	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.75	19.75	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.68	19.68	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.64	19.64	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.38	18.38	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.58	18.58	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.59	18.59	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.43	18.43	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.41	18.41	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.42	18.42	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.40	18.40	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.86	16.86	33.00	PASS

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Band7	10MHz	64QAM	20800	25RB#12	20.04	17.04	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.97	16.97	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.85	16.85	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.47	18.47	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.49	18.49	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.41	18.41	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.05	17.05	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.90	16.90	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.96	16.96	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.98	16.98	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.43	18.43	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.48	18.48	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.44	18.44	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.01	17.01	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.87	16.87	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.94	16.94	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.97	16.97	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.22	20.22	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.31	20.31	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.37	20.37	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.27	19.27	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.48	19.48	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.47	19.47	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.48	19.48	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.16	20.16	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.28	20.28	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.36	20.36	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.39	19.39	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.43	19.43	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.47	19.47	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.37	19.37	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.34	20.34	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.45	20.45	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.37	20.37	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.49	19.49	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.39	19.39	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.46	19.46	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.40	19.40	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.57	19.57	33.00	PASS

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Band7	15MHz	16QAM	20825	1RB#38	22.62	19.62	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.42	19.42	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.38	18.38	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.50	18.50	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.49	18.49	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.52	18.52	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.82	19.82	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.63	19.63	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.63	19.63	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.49	18.49	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.46	18.46	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.47	18.47	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.50	18.50	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.87	19.87	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.35	19.35	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.75	19.75	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.50	18.50	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.43	18.43	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.60	18.60	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.41	18.41	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.44	18.44	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.50	18.50	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.49	18.49	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.02	17.02	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.01	17.01	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.03	17.03	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.87	16.87	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.40	18.40	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.43	18.43	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.47	18.47	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	19.99	16.99	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	19.91	16.91	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.04	17.04	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.86	16.86	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.45	18.45	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.48	18.48	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.50	18.50	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	19.94	16.94	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.00	17.00	33.00	PASS

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Band7	15MHz	64QAM	21375	38RB#37	19.89	16.89	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.92	16.92	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.18	20.18	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.55	20.55	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.35	20.35	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.37	19.37	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.54	19.54	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.48	19.48	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.48	19.48	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.38	20.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.26	20.26	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.53	20.53	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.42	19.42	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.39	19.39	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.46	19.46	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.45	19.45	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.28	20.28	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.30	20.30	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.33	20.33	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.37	19.37	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.50	19.50	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.42	19.42	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.53	19.53	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.51	19.51	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.27	19.27	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.81	19.81	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.39	18.39	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.55	18.55	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.45	18.45	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.48	18.48	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.28	19.28	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.90	19.90	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.59	19.59	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.30	18.30	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.49	18.49	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.48	18.48	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.41	18.41	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.63	19.63	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.55	19.55	33.00	PASS

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Band7	20MHz	16QAM	21350	1RB#99	22.73	19.73	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.41	18.41	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.50	18.50	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.52	18.52	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.50	18.50	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.49	18.49	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.43	18.43	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.47	18.47	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.87	16.87	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.92	16.92	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.96	16.96	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.90	16.90	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.43	18.43	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.50	18.50	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.49	18.49	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.91	16.91	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.04	17.04	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	19.90	16.90	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.91	16.91	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.49	18.49	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.39	18.39	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.47	18.47	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.05	17.05	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.95	16.95	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.92	16.92	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.95	16.95	33.00	PASS

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ANT3：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	18.25	17.25	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	18.05	17.05	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	18.37	17.37	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	18.22	17.22	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	18.26	17.26	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	18.28	17.28	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	18.19	17.19	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	17.83	16.83	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	18.47	17.47	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	17.99	16.99	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	17.97	16.97	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	17.93	16.93	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	17.99	16.99	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	17.91	16.91	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	18.00	17.00	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	18.14	17.14	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	18.48	17.48	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	17.93	16.93	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	17.95	16.95	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	17.96	16.96	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	17.95	16.95	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	18.04	17.04	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	18.17	17.17	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	18.08	17.08	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	18.23	17.23	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	18.32	17.32	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	18.30	17.30	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	18.26	17.26	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	17.74	16.74	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	17.76	16.76	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	17.86	16.86	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.01	17.01	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	17.97	16.97	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	17.95	16.95	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	17.91	16.91	33.00	PASS

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Band7	5MHz	16QAM	21425	1RB#0	17.80	16.80	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	17.87	16.87	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	17.95	16.95	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	17.92	16.92	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	17.97	16.97	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	18.06	17.06	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	17.91	16.91	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	18.03	17.03	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	17.80	16.80	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	17.89	16.89	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	17.98	16.98	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	17.88	16.88	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	17.97	16.97	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	17.96	16.96	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	18.04	17.04	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	17.86	16.86	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	17.86	16.86	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	17.97	16.97	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	17.92	16.92	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	17.85	16.85	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	17.99	16.99	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	17.82	16.82	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	17.91	16.91	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	17.90	16.90	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	17.89	16.89	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	17.86	16.86	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	17.87	16.87	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	17.78	16.78	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	18.06	17.06	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	18.21	17.21	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	18.16	17.16	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	18.15	17.15	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	18.34	17.34	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	18.22	17.22	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	18.24	17.24	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	18.53	17.53	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	18.04	17.04	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	17.97	16.97	33.00	PASS

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Band7	10MHz	QPSK	21100	25RB#0	17.84	16.84	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	18.05	17.05	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	17.89	16.89	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	17.91	16.91	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	17.74	16.74	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	17.95	16.95	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	18.02	17.02	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	17.92	16.92	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	17.89	16.89	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	17.97	16.97	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	17.83	16.83	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	18.03	17.03	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	18.02	17.02	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	18.05	17.05	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.40	17.40	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.19	17.19	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.29	17.29	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	18.29	17.29	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	17.89	16.89	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	17.73	16.73	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	17.66	16.66	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	17.93	16.93	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	17.84	16.84	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	18.02	17.02	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	17.98	16.98	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	17.95	16.95	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	17.64	16.64	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	17.85	16.85	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	17.89	16.89	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	17.97	16.97	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	18.04	17.04	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	17.80	16.80	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	17.97	16.97	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	17.90	16.90	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	17.97	16.97	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	18.05	17.05	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	17.93	16.93	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	17.90	16.90	33.00	PASS

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Band7	10MHz	64QAM	20800	50RB#0	17.80	16.80	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	17.94	16.94	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	17.91	16.91	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	18.03	17.03	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	17.78	16.78	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	17.97	16.97	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	17.82	16.82	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	18.01	17.01	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	17.99	16.99	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	17.88	16.88	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	17.85	16.85	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	18.01	17.01	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	17.90	16.90	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	17.96	16.96	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	17.90	16.90	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	18.98	17.98	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	18.90	17.90	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	18.96	17.96	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	18.39	17.39	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	18.54	17.54	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	18.49	17.49	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	18.52	17.52	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	18.65	17.65	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	18.13	17.13	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	18.11	17.11	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	18.21	17.21	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	18.25	17.25	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	18.31	17.31	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	18.26	17.26	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	18.07	17.07	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	18.18	17.18	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	18.19	17.19	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	18.11	17.11	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	18.20	17.20	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	18.30	17.30	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	18.07	17.07	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	18.45	17.45	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	18.37	17.37	33.00	PASS

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Band7	15MHz	16QAM	20825	1RB#74	18.37	17.37	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	18.36	17.36	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	18.54	17.54	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	18.57	17.57	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.50	17.50	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	18.21	17.21	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	18.13	17.13	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	18.14	17.14	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	18.22	17.22	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	18.24	17.24	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	18.31	17.31	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	18.22	17.22	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	18.19	17.19	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	18.03	17.03	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	18.15	17.15	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	18.10	17.10	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	18.13	17.13	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	18.19	17.19	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.15	17.15	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	17.97	16.97	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	17.90	16.90	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	18.02	17.02	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	17.81	16.81	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	17.78	16.78	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	17.82	16.82	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	17.95	16.95	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	18.02	17.02	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	17.84	16.84	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	17.90	16.90	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	17.89	16.89	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	17.87	16.87	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	17.89	16.89	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	17.82	16.82	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	17.97	16.97	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	17.85	16.85	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	17.96	16.96	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	17.98	16.98	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	18.05	17.05	33.00	PASS

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Band7	15MHz	64QAM	21375	75RB#0	17.80	16.80	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	18.84	17.84	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	18.96	17.96	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	19.01	18.01	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	18.53	17.53	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	18.67	17.67	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	18.61	17.61	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.59	17.59	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	18.88	17.88	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	18.84	17.84	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	18.17	17.17	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	18.26	17.26	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	18.35	17.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	18.38	17.38	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.38	17.38	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	18.69	17.69	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	18.23	17.23	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	18.92	17.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	18.26	17.26	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	18.24	17.24	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	18.39	17.39	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.17	17.17	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	18.52	17.52	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	18.54	17.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	18.37	17.37	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.54	17.54	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.64	17.64	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.57	17.57	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.65	17.65	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	18.27	17.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	18.23	17.23	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	18.28	17.28	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.22	17.22	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	18.39	17.39	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.41	17.41	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.31	17.31	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	18.13	17.13	33.00	PASS

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Band7	20MHz	16QAM	21350	1RB#49	18.10	17.10	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	18.13	17.13	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.20	17.20	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	18.20	17.20	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	18.46	17.46	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.32	17.32	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	17.85	16.85	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	17.87	16.87	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	17.82	16.82	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	17.89	16.89	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	17.96	16.96	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	17.83	16.83	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	18.04	17.04	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	17.87	16.87	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	17.97	16.97	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	17.93	16.93	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	17.99	16.99	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	17.90	16.90	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	17.88	16.88	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.91	16.91	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	17.88	16.88	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	17.97	16.97	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	17.89	16.89	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	17.93	16.93	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	17.98	16.98	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	17.96	16.96	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	18.04	17.04	33.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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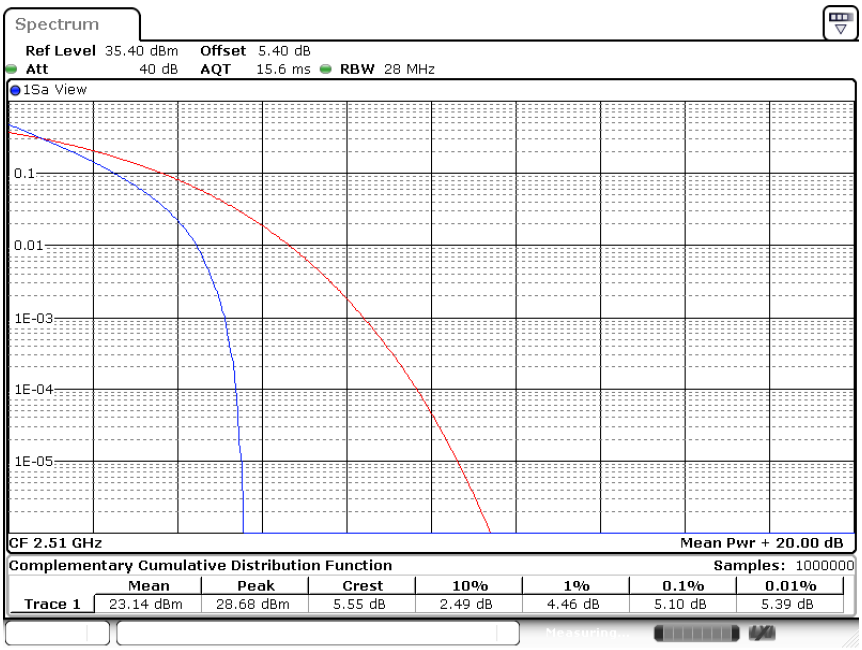
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	5.10	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.04	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.13	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.03	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.91	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.91	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.97	13	PASS

2.2. Test Plots

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



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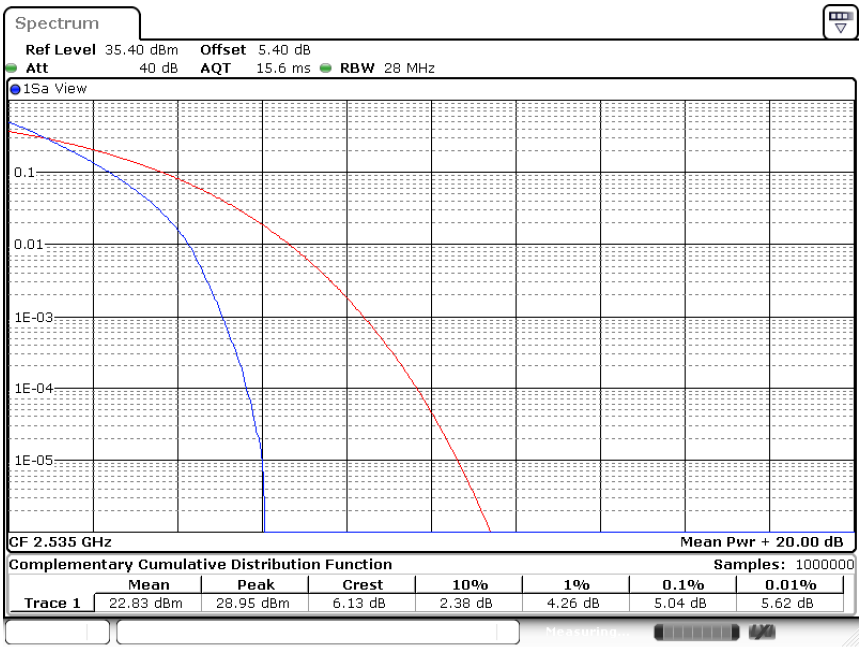
Band7-20MHz-QPSK-21100-100RB#0



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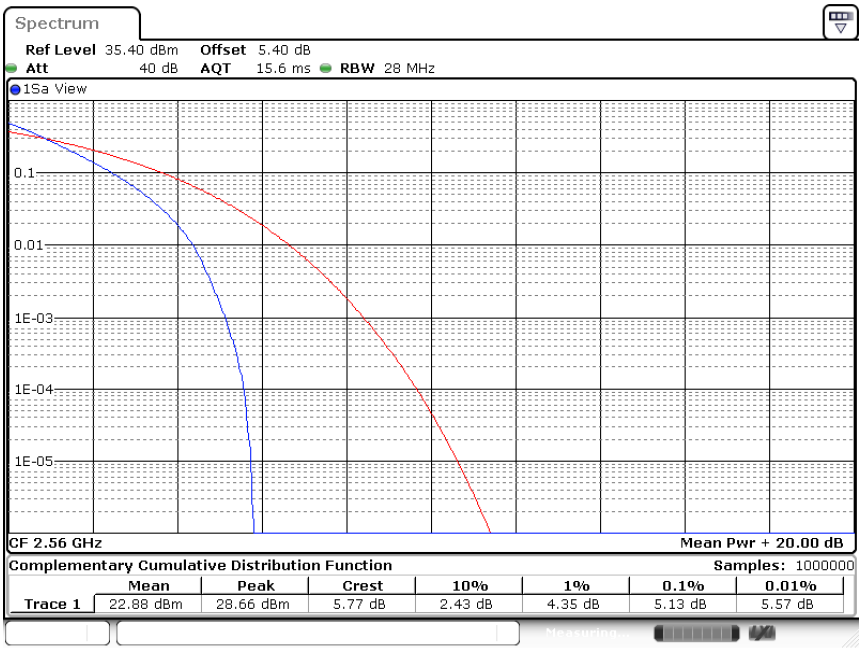
Band7-20MHz-QPSK-21350-100RB#0



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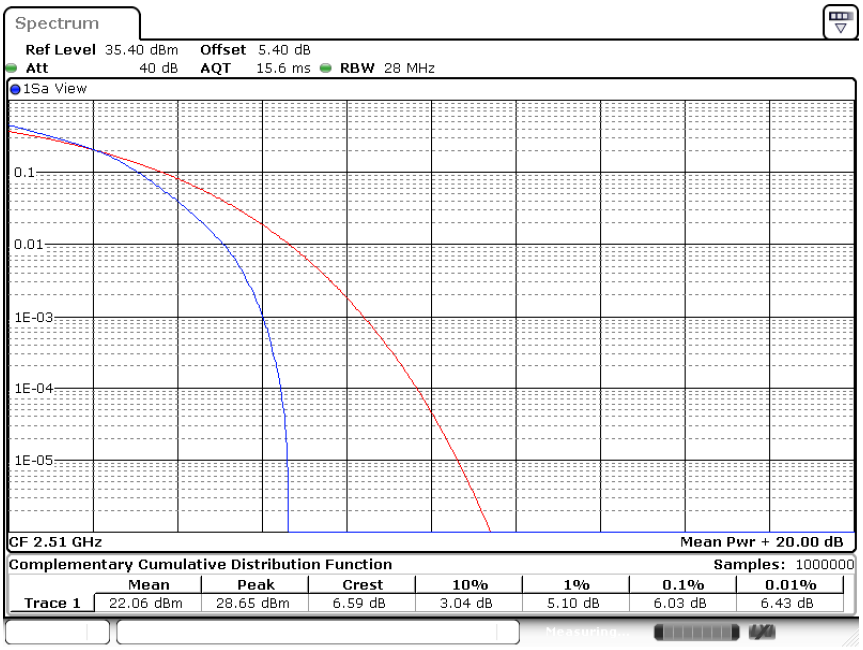
Band7-20MHz-64QAM-20850-100RB#0



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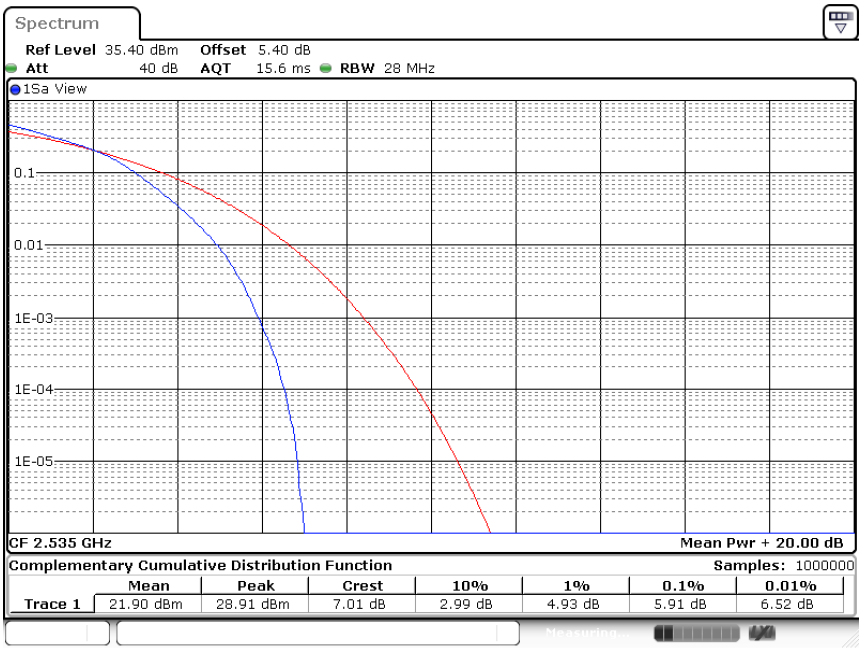
Band7-20MHz-64QAM-21100-100RB#0



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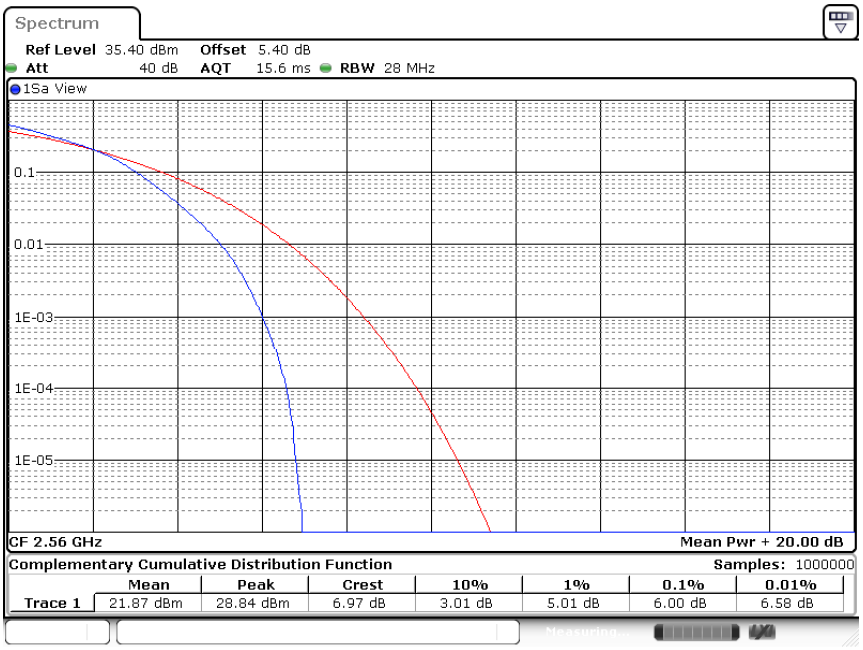
Band7-20MHz-64QAM-21350-100RB#0



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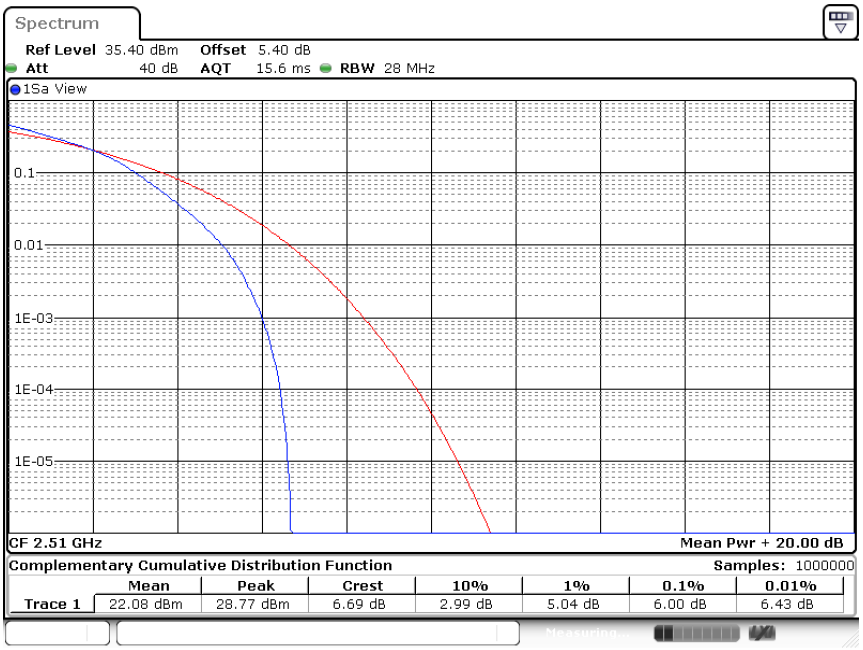
Band7-20MHz-16QAM-20850-100RB#0



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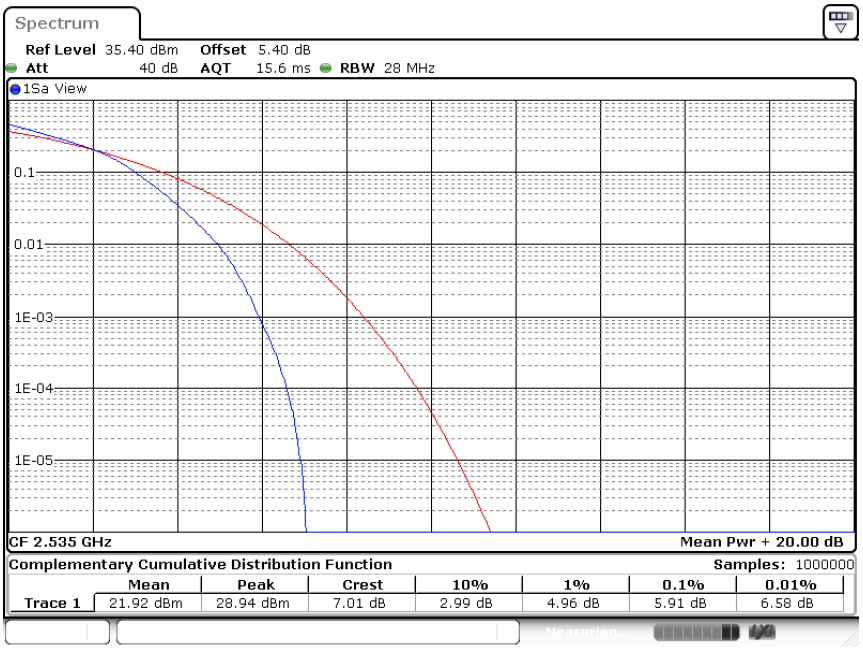

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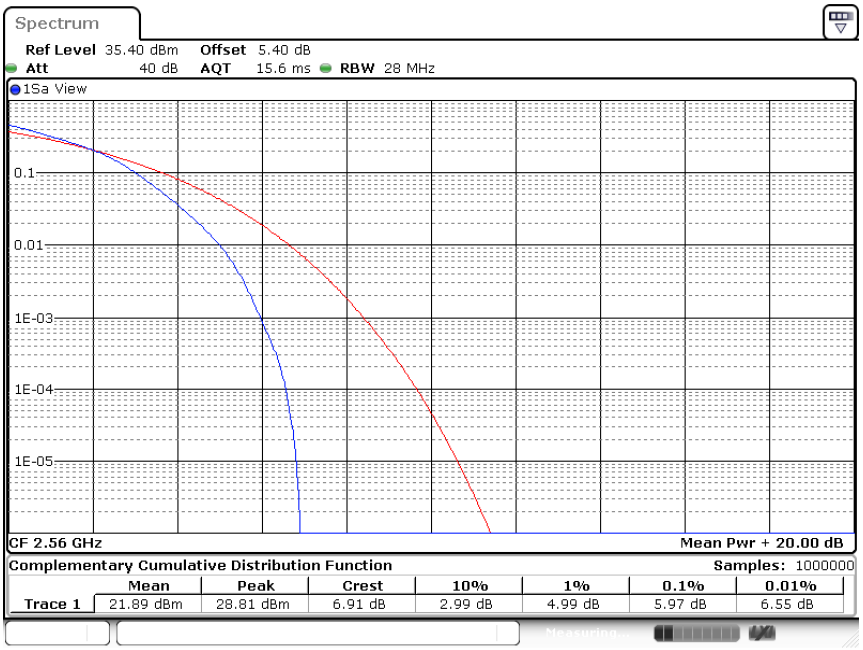
Band7-20MHz-16QAM-21350-100RB#0



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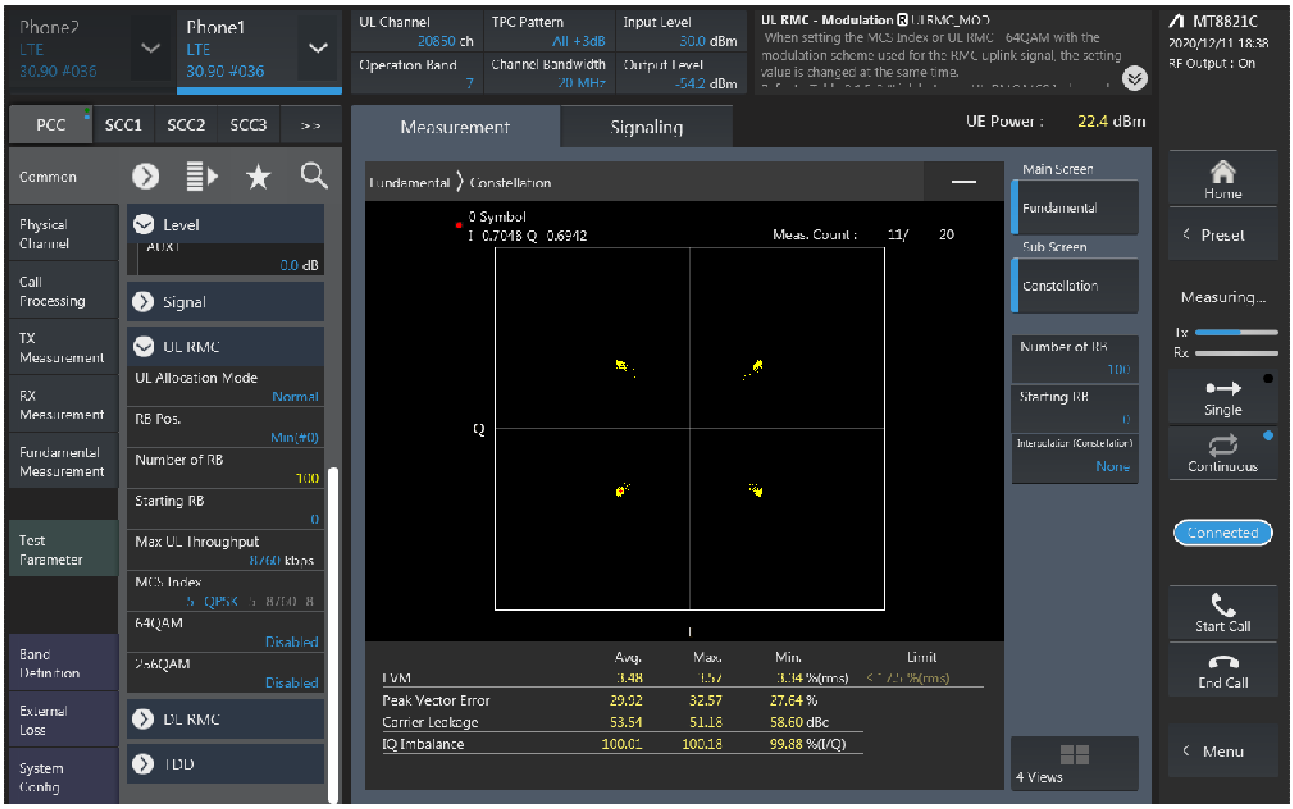
3. Modulation Characteristics

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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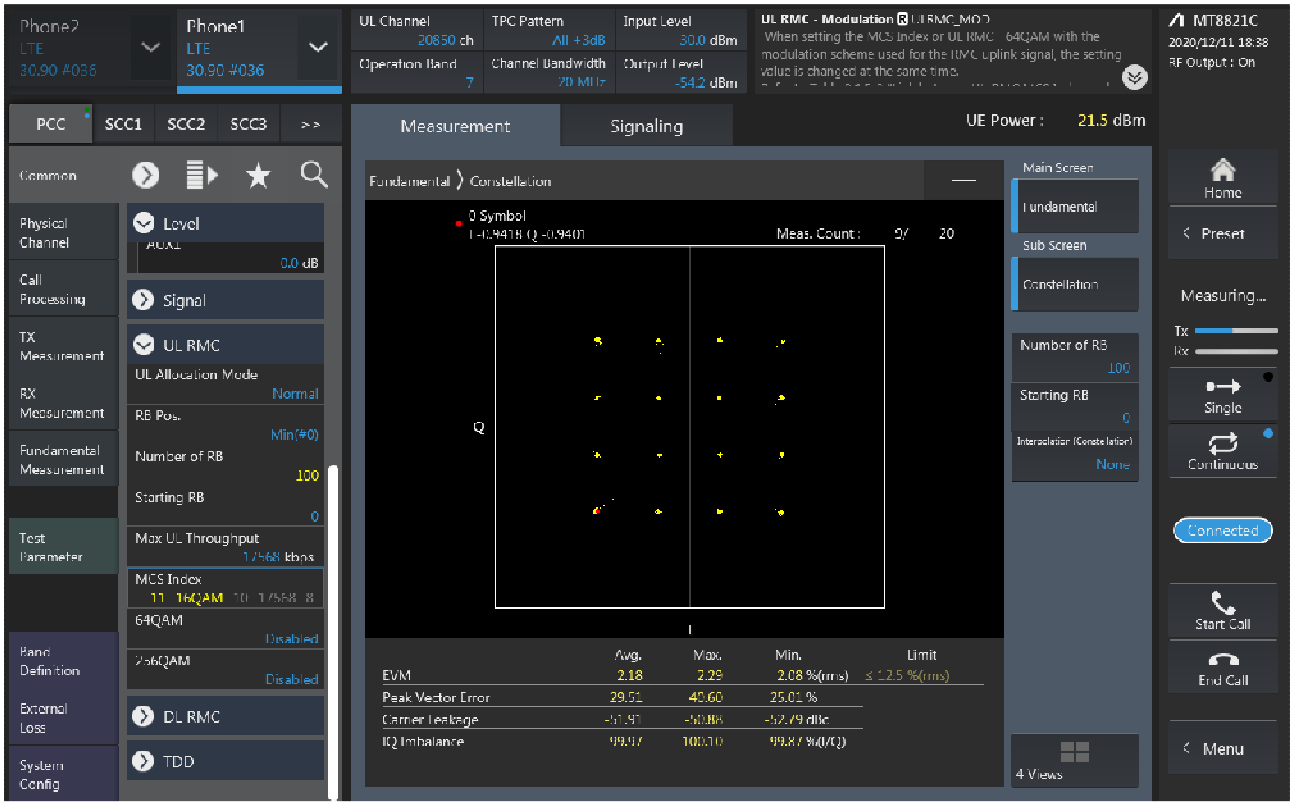
3.1.2.Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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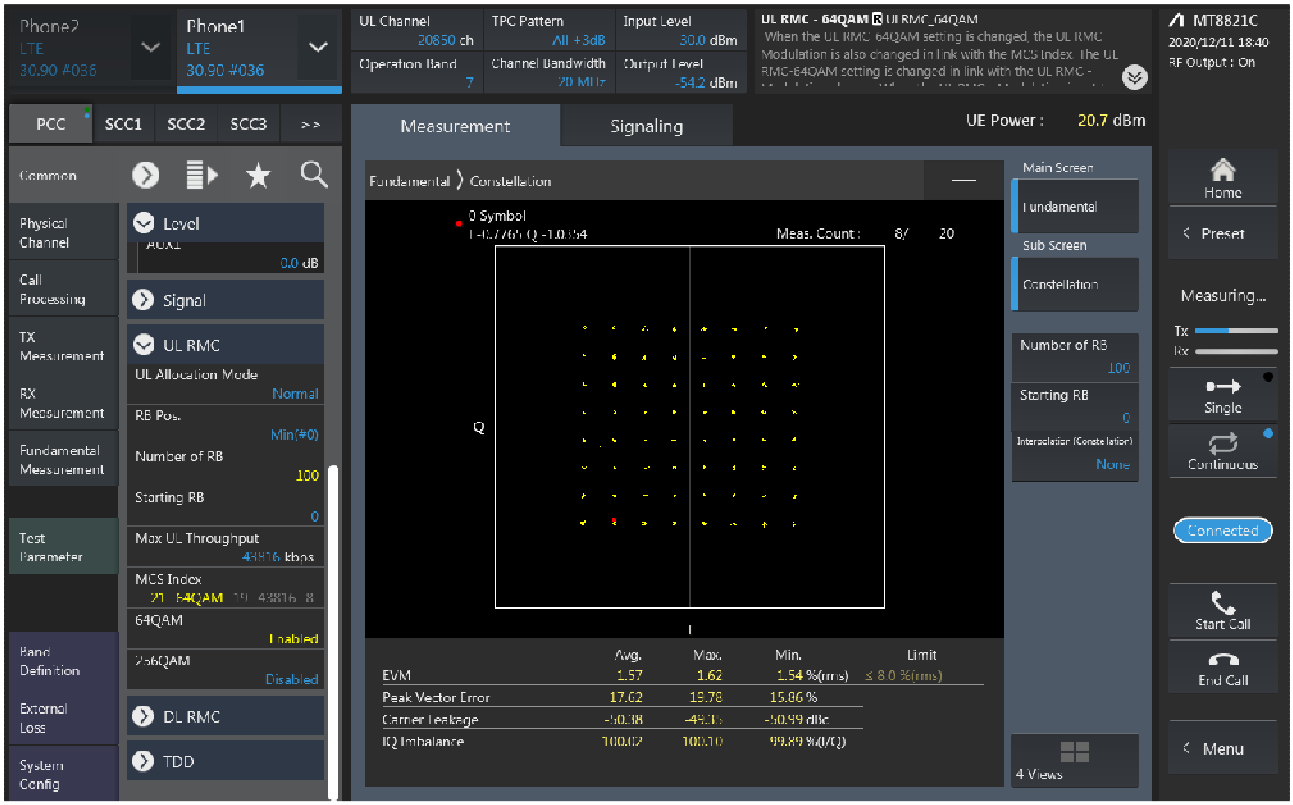
3.1.3.Test Mode = LTE /TM3 20MHz

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	5.870	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.890	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	5.150	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.930	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.466	5.680	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.466	4.940	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.900	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	5.910	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.496	5.900	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	13.100	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	12.540	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.660	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.911	11.440	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.740	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.911	12.880	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.720	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.680	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.911	11.860	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.760	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	17.520	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.457	14.760	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	17.460	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.457	14.610	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.457	15.030	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	18.570	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	18.990	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.880	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	24.400	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.862	18.760	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	18.800	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.902	24.440	PASS

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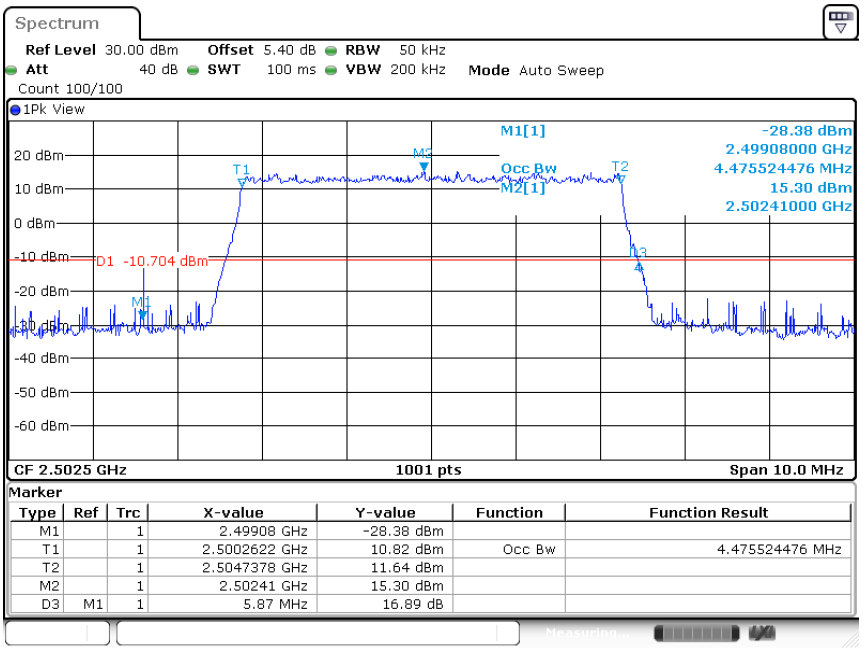
Band7	20MHz	64QAM	21100	100RB#0	17.902	26.560	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.400	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.822	21.080	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.822	25.200	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.480	PASS

4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.476



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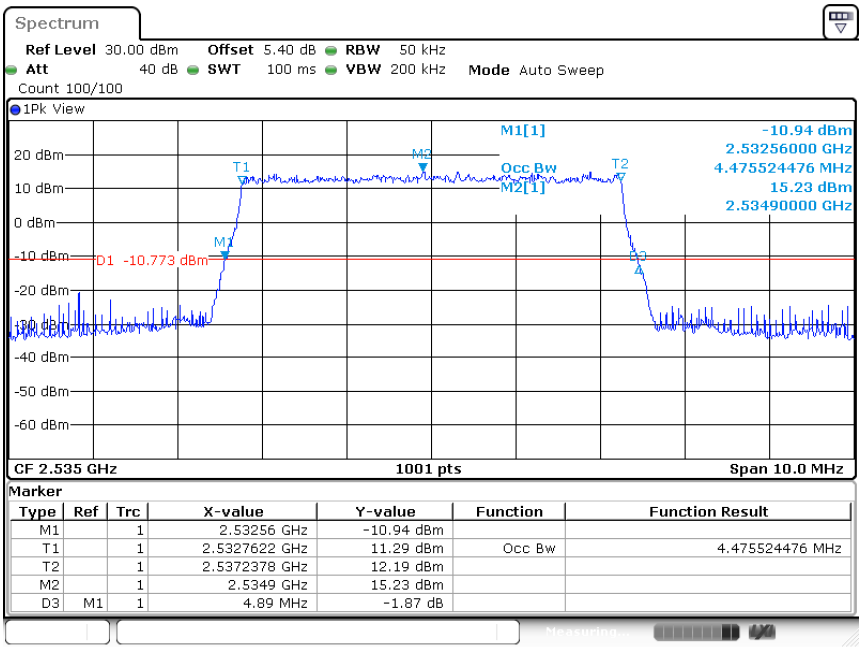
Band7-5MHz-QPSK-21100-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.53256 GHz	-10.94 dBm		
T1		1	2.5327622 GHz	11.29 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5372378 GHz	12.19 dBm		
M2		1	2.5349 GHz	15.23 dBm		
D3	M1	1	4.89 MHz	-1.87 dB		

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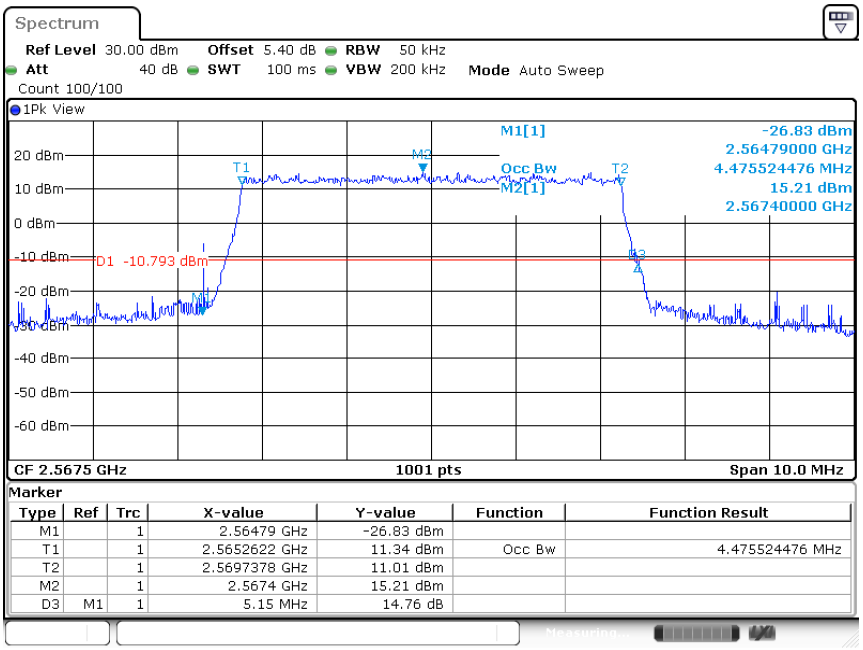
Band7-5MHz-QPSK-21425-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56479 GHz	-26.83 dBm		
T1		1	2.5652622 GHz	11.34 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5697378 GHz	11.01 dBm		
M2		1	2.5674 GHz	15.21 dBm		
D3	M1	1	5.15 MHz	14.76 dB		

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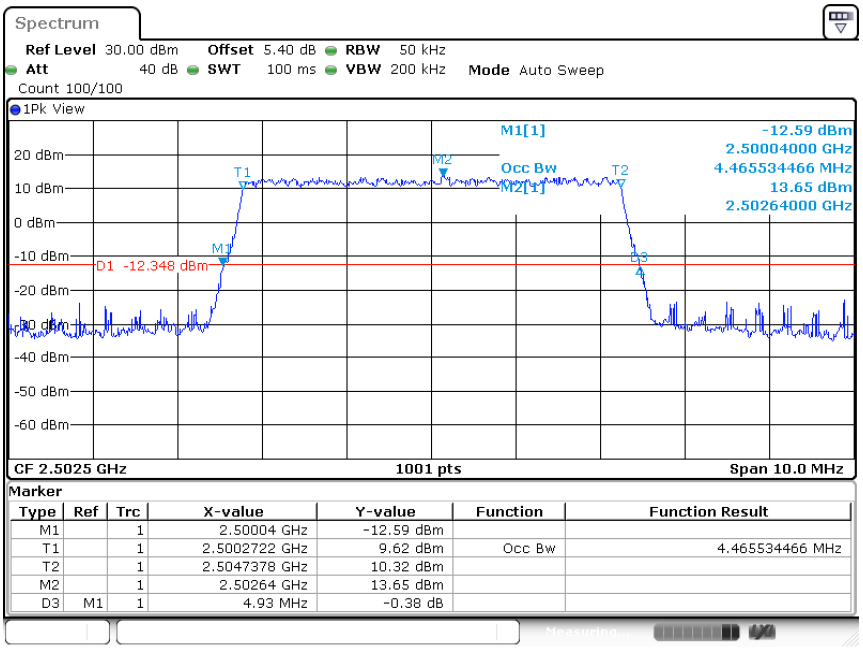
Band7-5MHz-64QAM-20775-25RB#0-4.466



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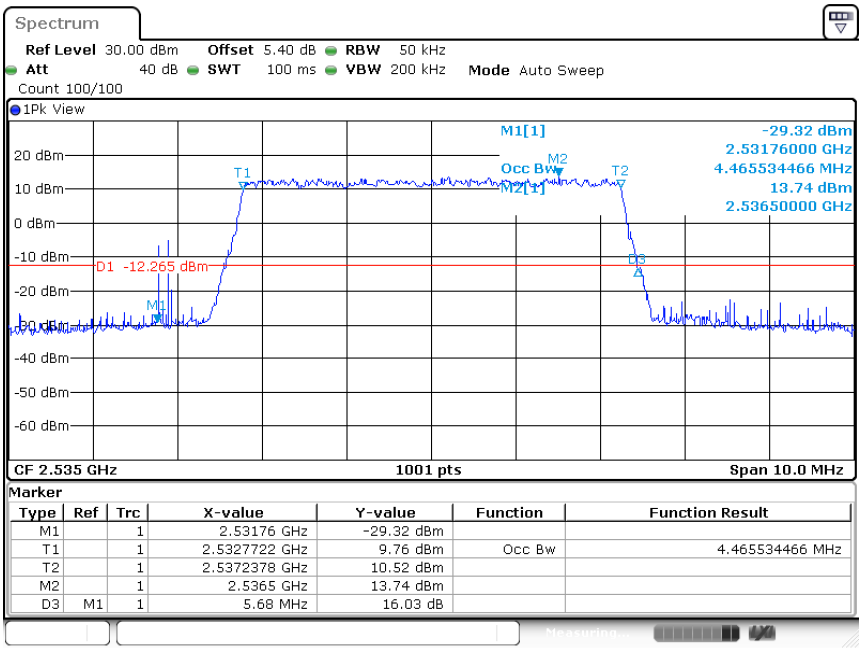
Band7-5MHz-64QAM-21100-25RB#0-4.466



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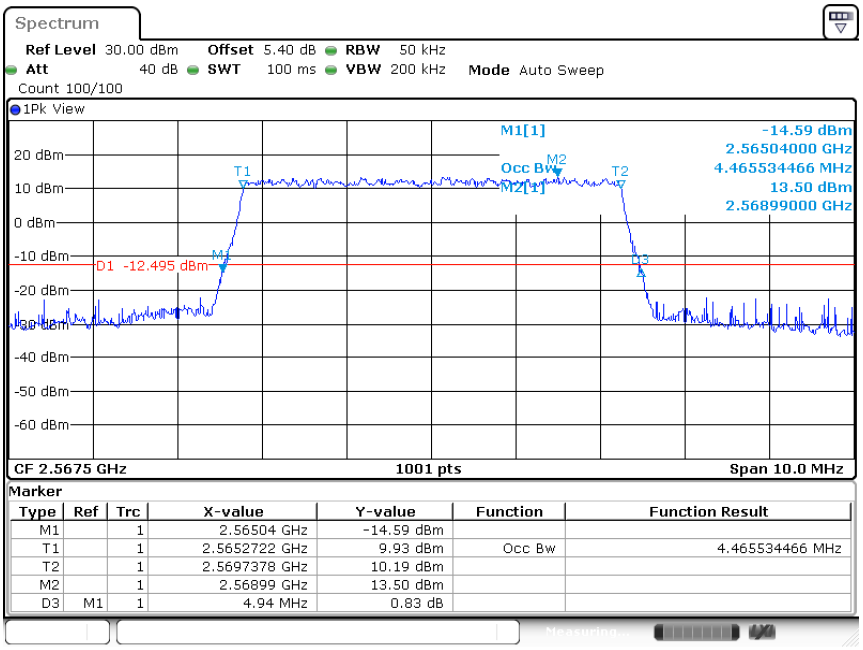
Band7-5MHz-64QAM-21425-25RB#0-4.466



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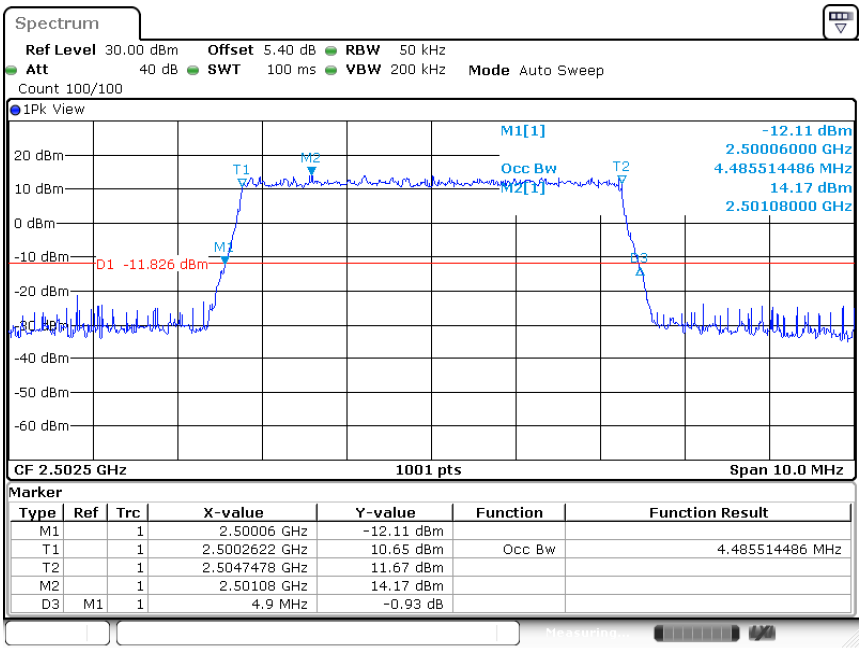
Band7-5MHz-16QAM-20775-25RB#0-4.486



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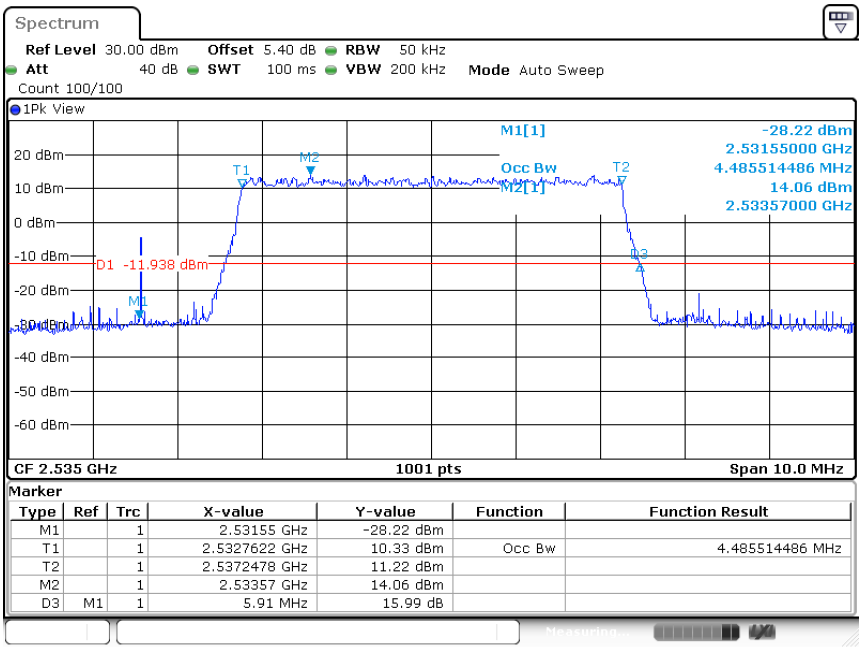
Band7-5MHz-16QAM-21100-25RB#0-4.486



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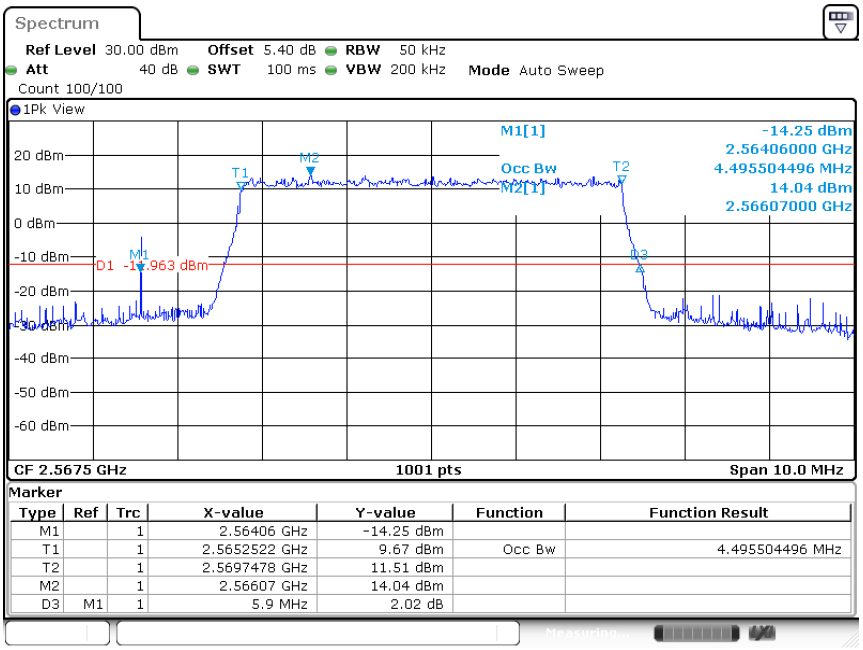
Band7-5MHz-16QAM-21425-25RB#0-4.496



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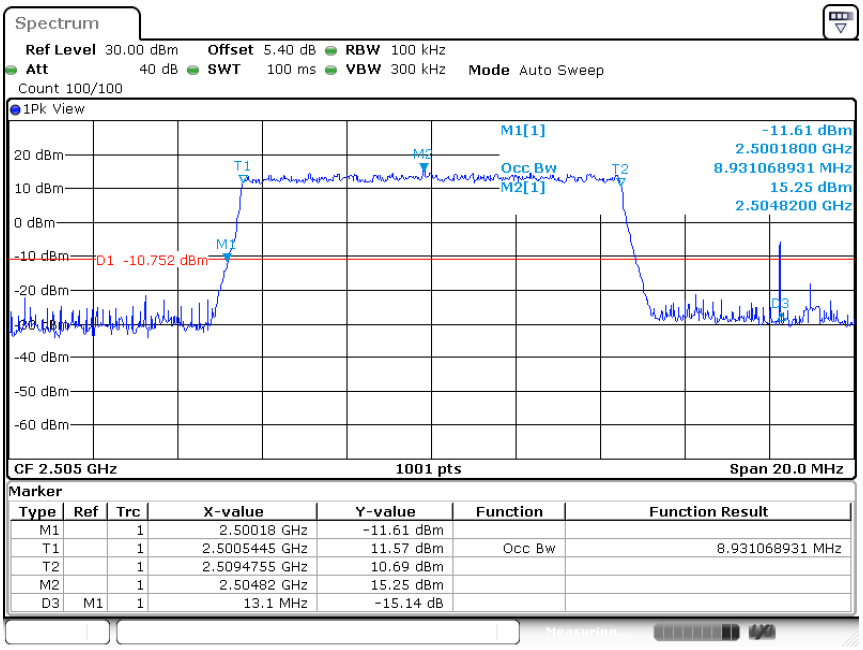
Band7-10MHz-QPSK-20800-50RB#0-8.931



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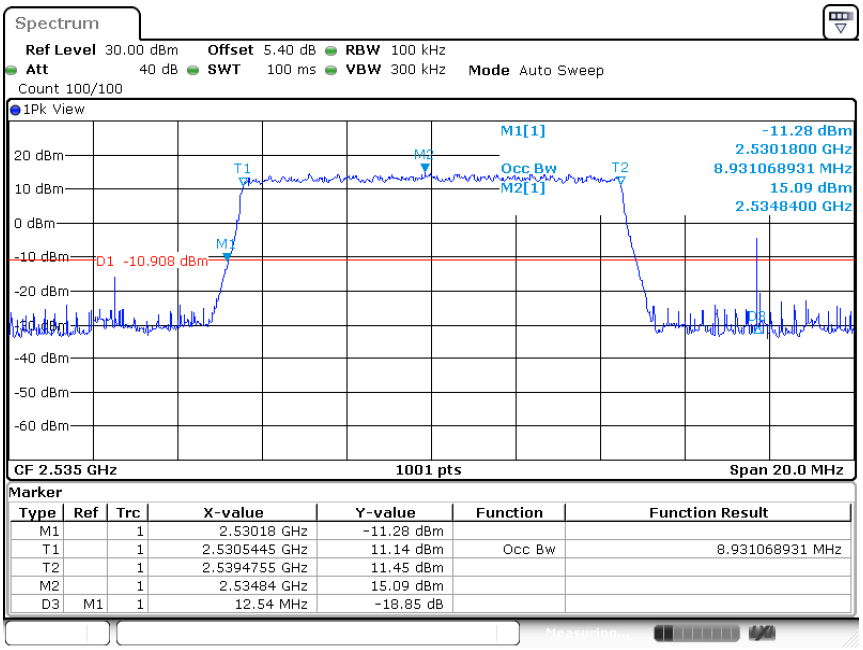
Band7-10MHz-QPSK-21100-50RB#0-8.931



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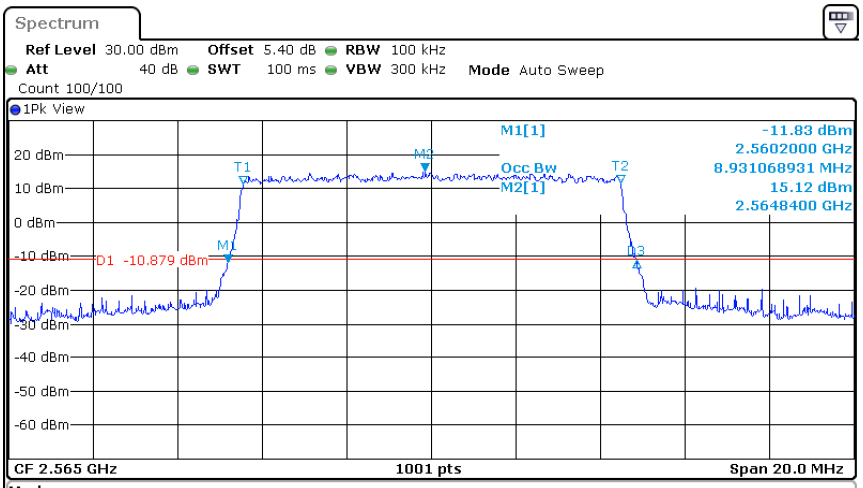
Band7-10MHz-QPSK-21400-50RB#0-8.931



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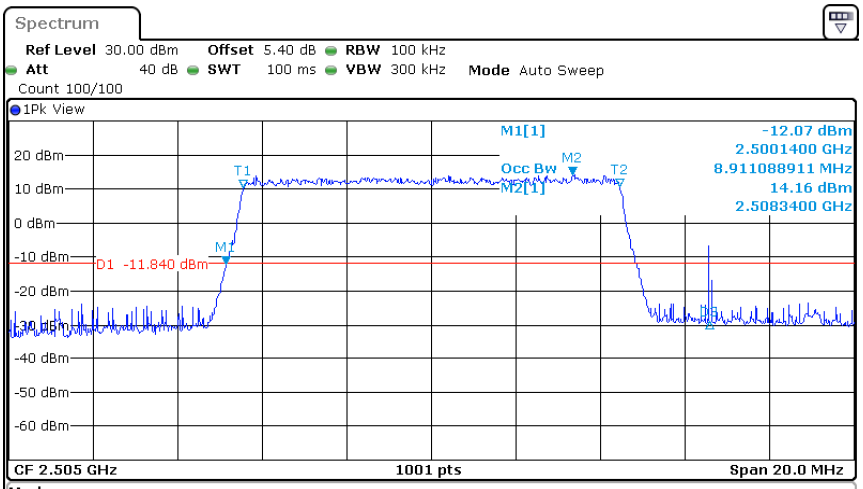
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5602 GHz	-11.83 dBm		
T1		1	2.5605445 GHz	11.34 dBm	Occ Bw	8.931068931 MHz
T2		1	2.5694755 GHz	11.63 dBm		
M2		1	2.56484 GHz	15.12 dBm		
D3	M1	1	9.66 MHz	0.59 dB		

Date: 8.DEC.2020 22:53:01

Band7-10MHz-64QAM-20800-50RB#0-8.911



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50014 GHz	-12.07 dBm		
T1		1	2.5005445 GHz	10.39 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5094555 GHz	10.83 dBm		
M2		1	2.50834 GHz	14.16 dBm		
D3	M1	1	11.44 MHz	-16.77 dB		

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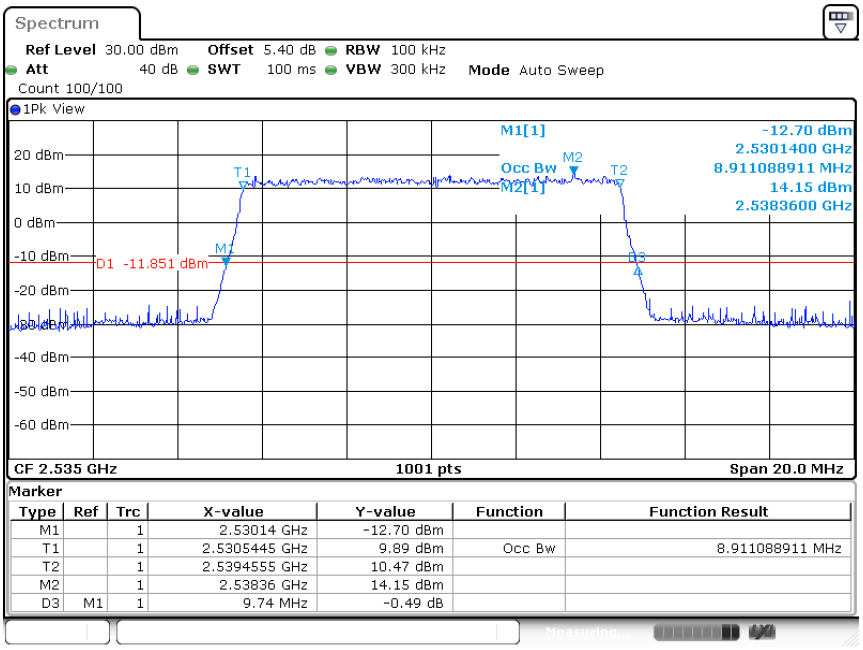
Band7-10MHz-64QAM-21100-50RB#0-8.911



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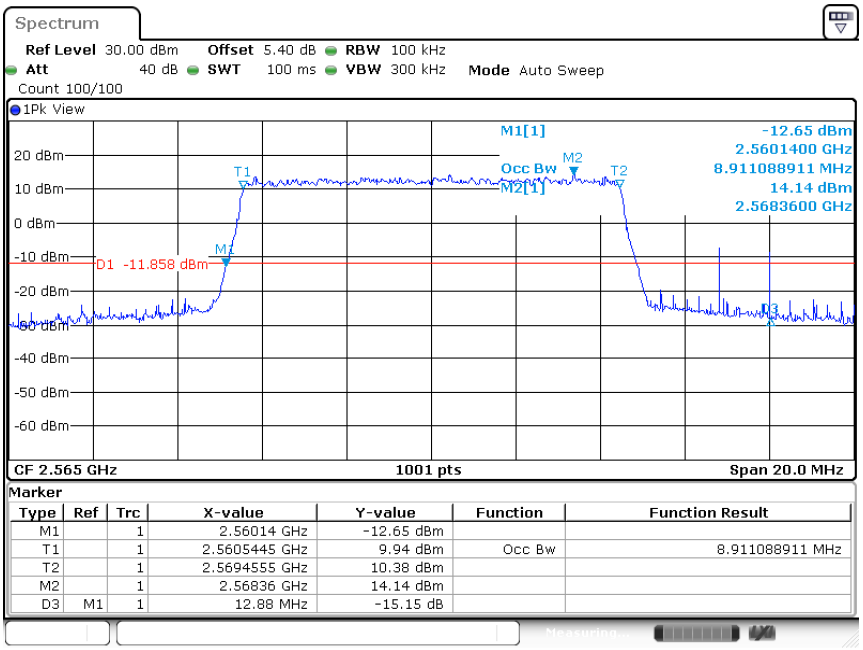
Band7-10MHz-64QAM-21400-50RB#0-8.911



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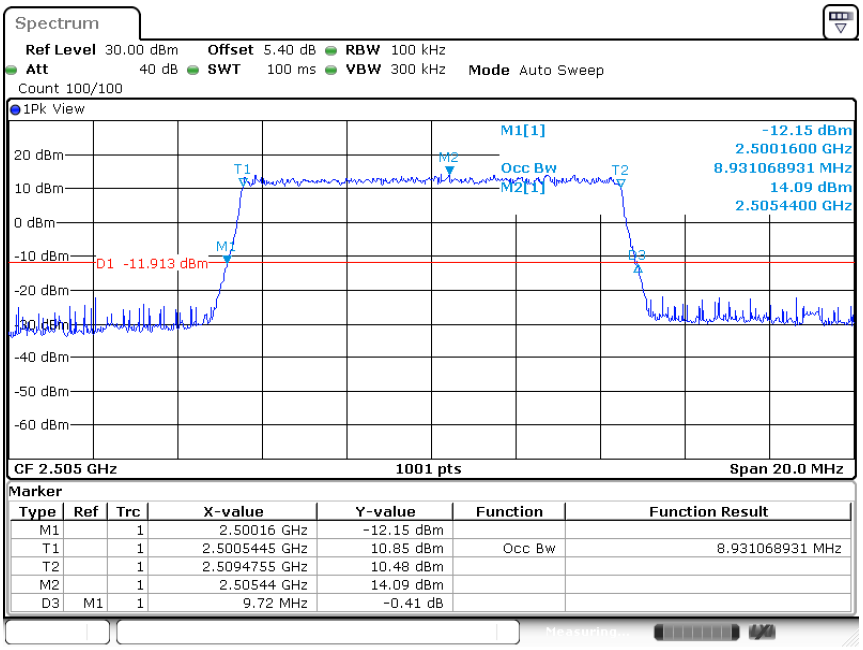
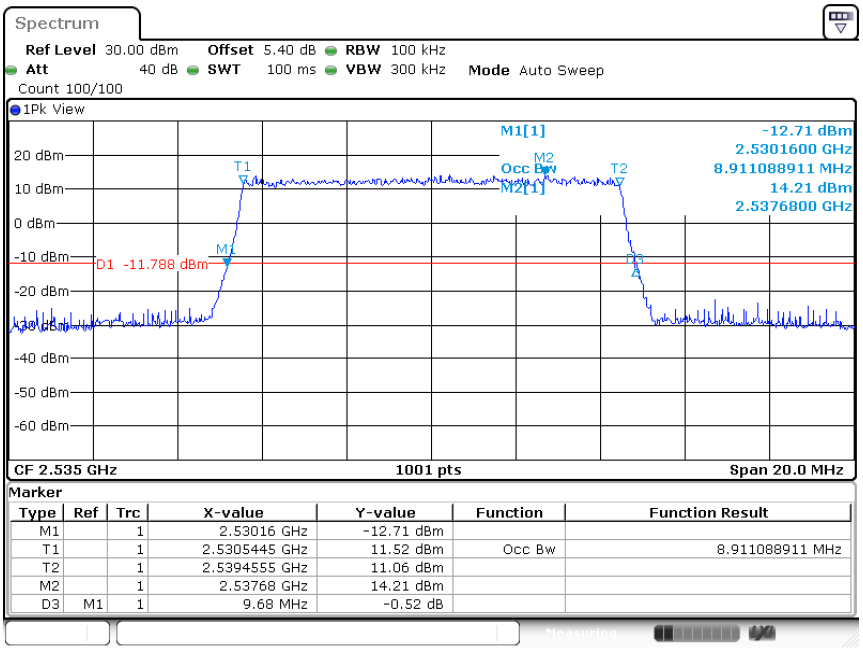
Band7-10MHz-16QAM-20800-50RB#0-8.931



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50016 GHz	-12.15 dBm		
T1		1	2.5005445 GHz	10.85 dBm	Occ Bw	8.931068931 MHz
T2		1	2.5094755 GHz	10.48 dBm		
M2		1	2.50544 GHz	14.09 dBm		
D3	M1	1	9.72 MHz	-0.41 dB		

Date: 8.DEC.2020 22:52:01

Band7-10MHz-16QAM-21100-50RB#0-8.911



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.53016 GHz	-12.71 dBm		
T1		1	2.5305445 GHz	11.52 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5394555 GHz	11.06 dBm		
M2		1	2.53768 GHz	14.21 dBm		
D3	M1	1	9.68 MHz	-0.52 dB		

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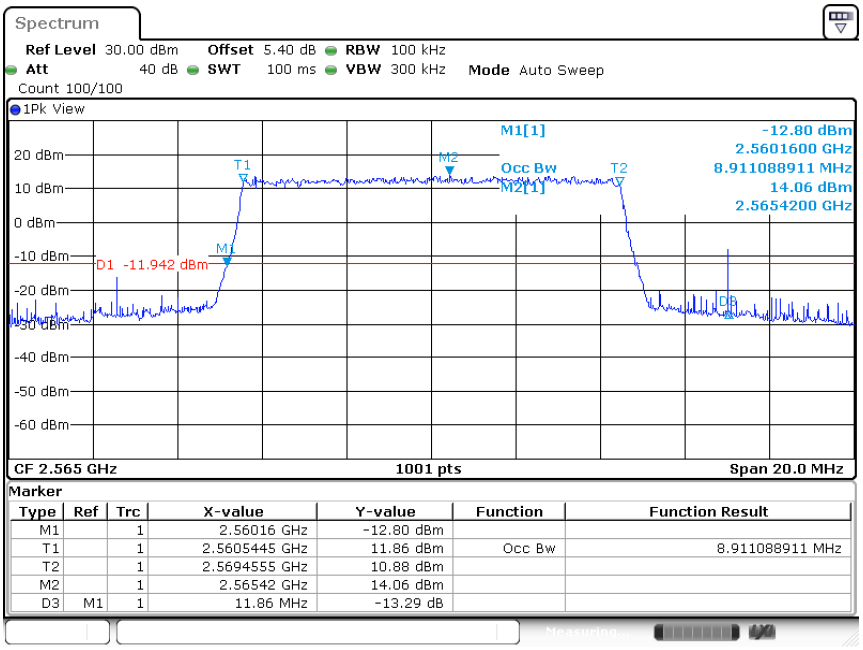
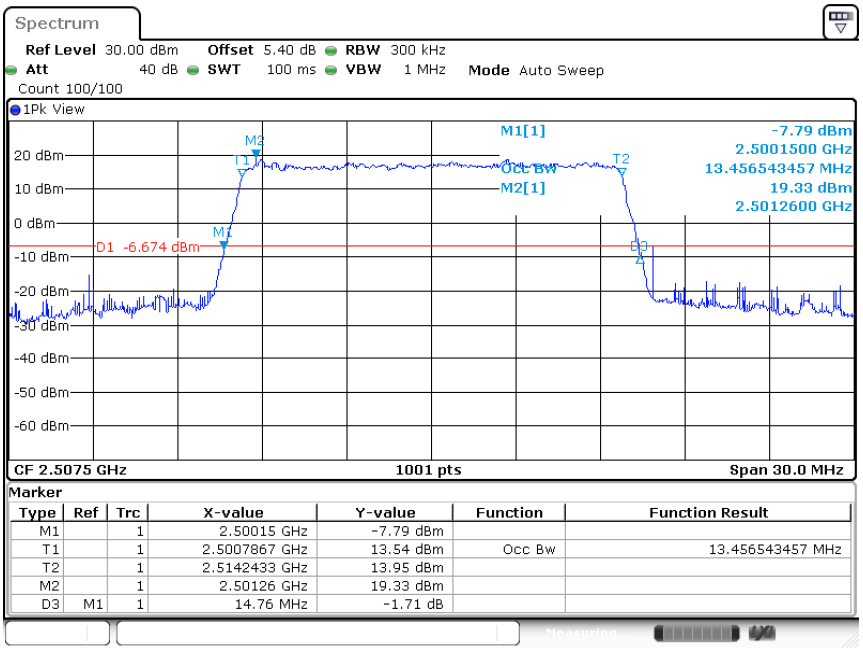
Band7-10MHz-16QAM-21400-50RB#0-8.911



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56016 GHz	-12.80 dBm		
T1		1	2.5605445 GHz	11.86 dBm	Occ Bw	8.911088911 MHz
T2		1	2.5694555 GHz	10.88 dBm		
M2		1	2.56542 GHz	14.06 dBm		
D3	M1	1	11.86 MHz	-13.29 dB		

Date: 8.DEC.2020 22:53:20

Band7-15MHz-QPSK-20825-75RB#0-13.457



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50015 GHz	-7.79 dBm		
T1		1	2.5007867 GHz	13.54 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5142433 GHz	13.95 dBm		
M2		1	2.50126 GHz	19.33 dBm		
D3	M1	1	14.76 MHz	-1.71 dB		

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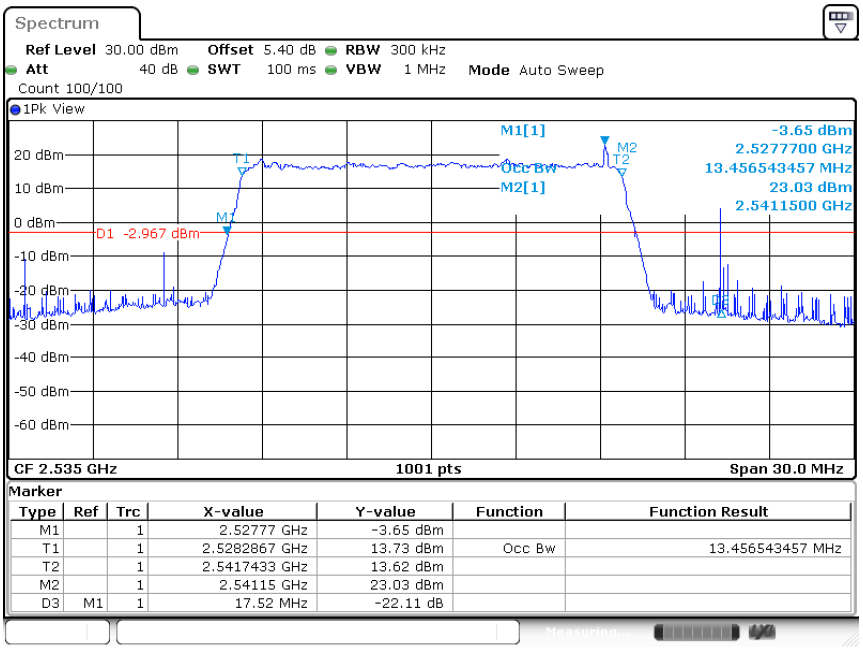
Band7-15MHz-QPSK-21100-75RB#0-13.457



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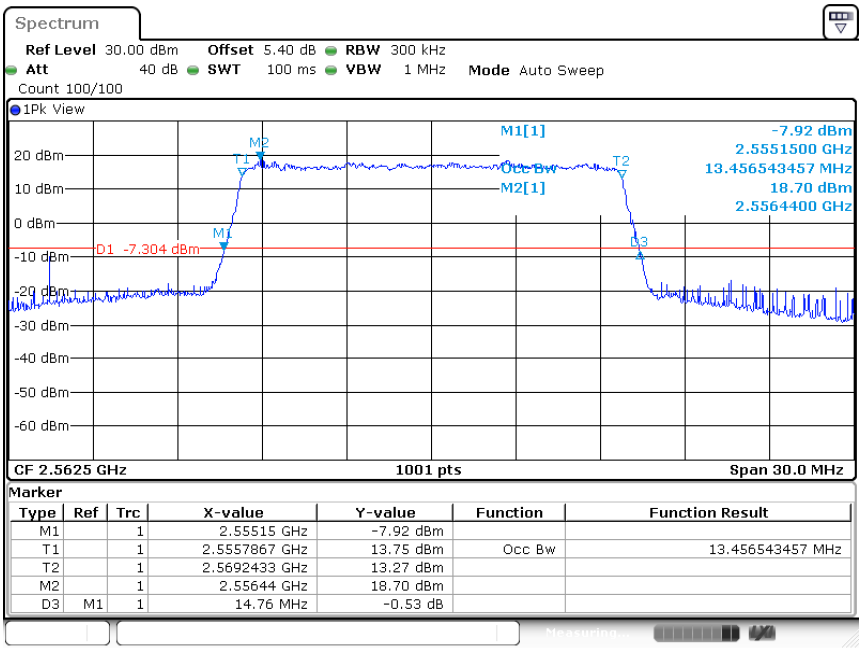
Band7-15MHz-QPSK-21375-75RB#0-13.457



Date: 8.DEC.2020 22:55:05

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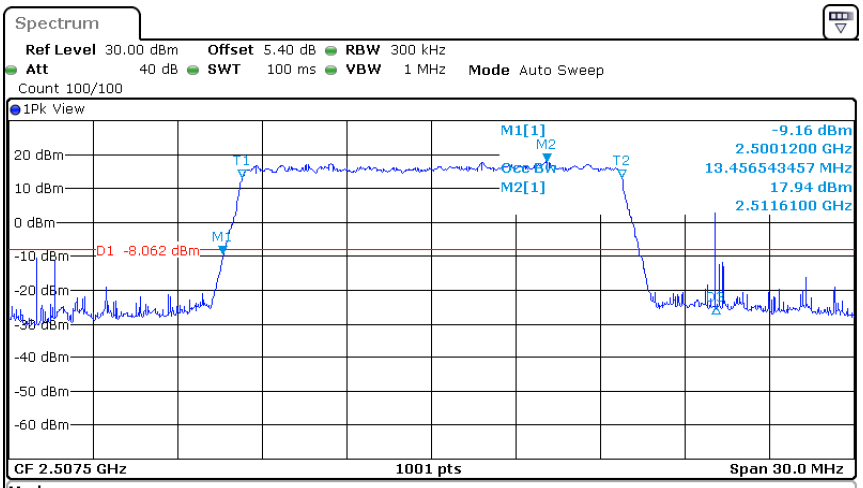
Band7-15MHz-64QAM-20825-75RB#0-13.457

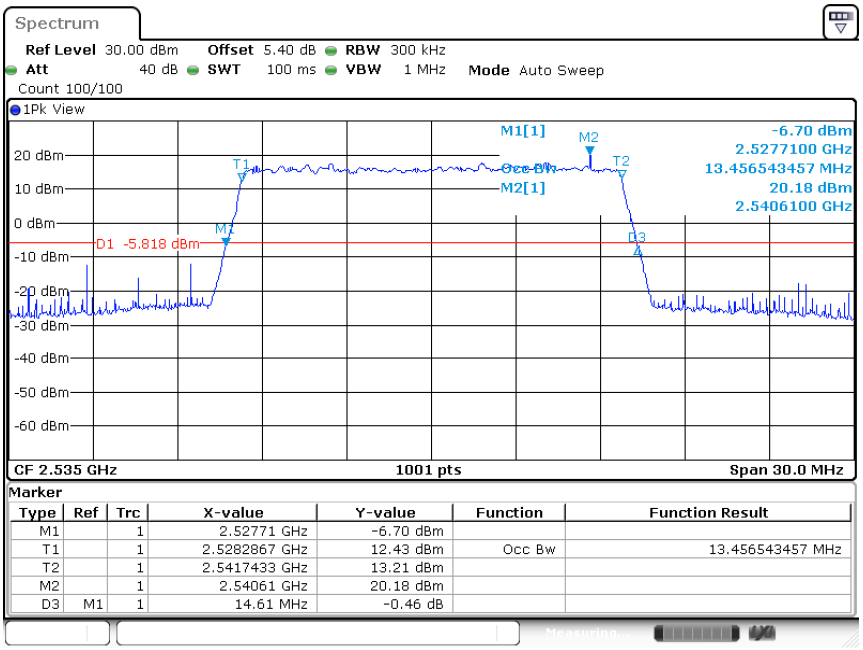


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50012 GHz	-9.16 dBm		
T1		1	2.5007867 GHz	13.12 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5142433 GHz	13.15 dBm		
M2		1	2.51161 GHz	17.94 dBm		
D3	M1	1	17.46 MHz	-15.50 dB		

Date: 9.DEC.2020 00:35:37

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52771 GHz	-6.70 dBm		
T1		1	2.5282867 GHz	12.43 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5417433 GHz	13.21 dBm		
M2		1	2.54061 GHz	20.18 dBm		
D3	M1	1	14.61 MHz	-0.46 dB		

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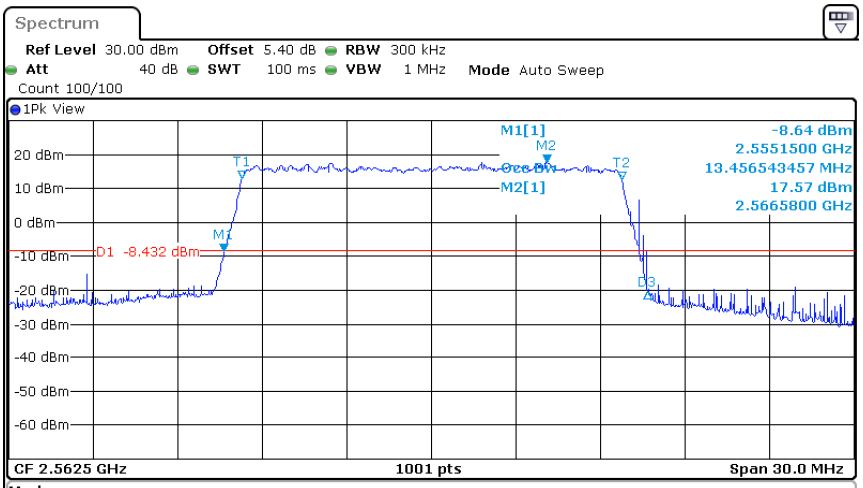
Band7-15MHz-64QAM-21375-75RB#0-13.457



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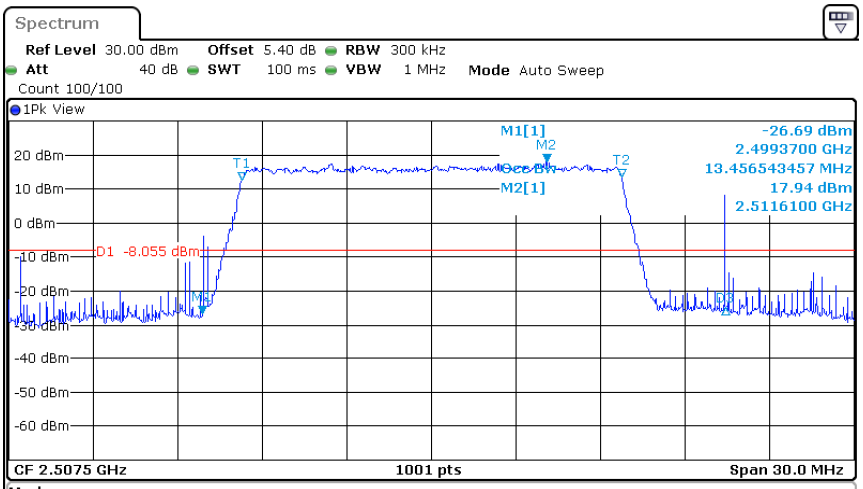
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.55515 GHz	-8.64 dBm		
T1		1	2.5557867 GHz	13.03 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5692433 GHz	12.57 dBm		
M2		1	2.56658 GHz	17.57 dBm		
D3	M1	1	15.03 MHz	-11.68 dB		

Date: 9.DEC.2020 00:36:17

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.49937 GHz	-26.69 dBm		
T1		1	2.5007867 GHz	12.69 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5142433 GHz	13.45 dBm		
M2		1	2.51161 GHz	17.94 dBm		
D3	M1	1	18.57 MHz	1.89 dB		

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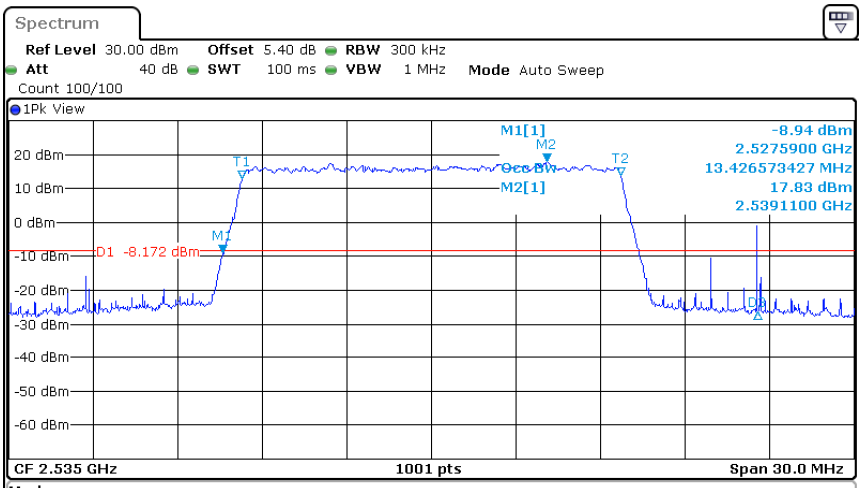
Band7-15MHz-16QAM-21100-75RB#0-13.427

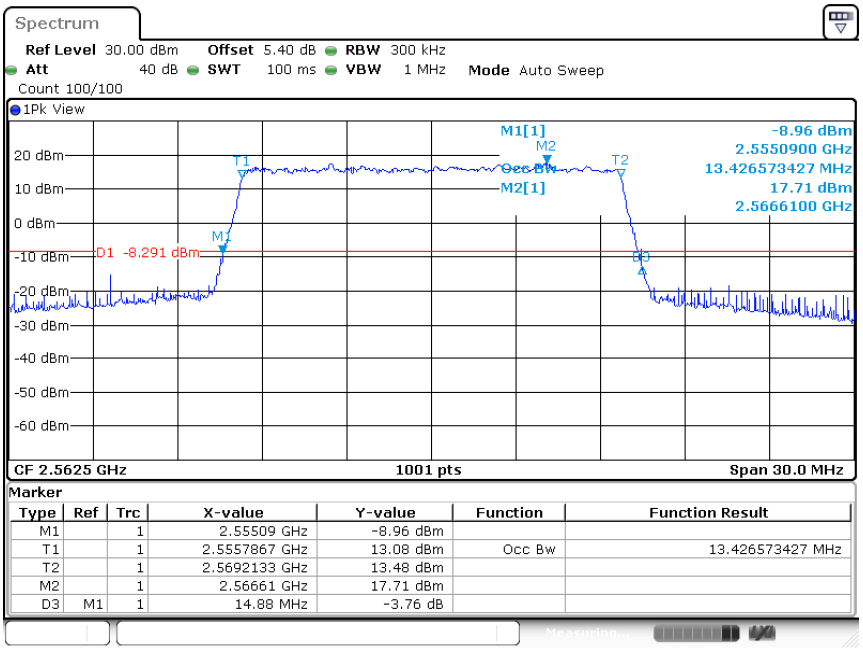


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52759 GHz	-8.94 dBm		
T1		1	2.5282867 GHz	12.87 dBm	Occ Bw	13.426573427 MHz
T2		1	2.5417133 GHz	14.01 dBm		
M2		1	2.53911 GHz	17.83 dBm		
D3	M1	1	18.99 MHz	-17.47 dB		

Date: 8.DEC.2020 22:54:45

Band7-15MHz-16QAM-21375-75RB#0-13.427



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.55509 GHz	-8.96 dBm		
T1		1	2.5557867 GHz	13.08 dBm	Occ Bw	13.426573427 MHz
T2		1	2.5692133 GHz	13.48 dBm		
M2		1	2.56661 GHz	17.71 dBm		
D3	M1	1	14.88 MHz	-3.76 dB		

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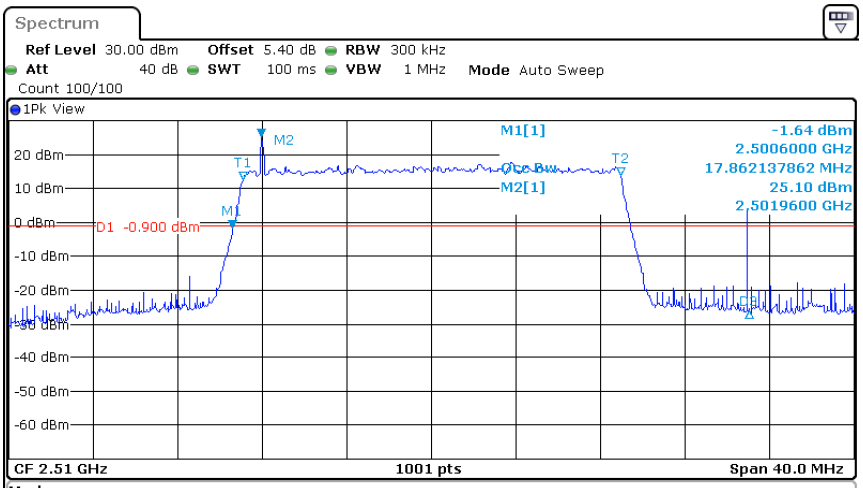
Band7-20MHz-QPSK-20850-100RB#0-17.862



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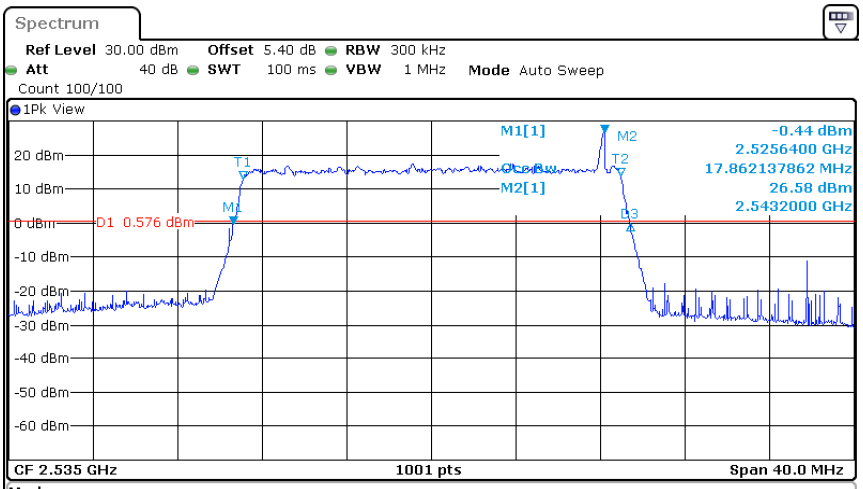
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5006 GHz	-1.64 dBm		
T1		1	2.5010889 GHz	12.66 dBm	Occ Bw	17.862137862 MHz
T2		1	2.518951 GHz	13.89 dBm		
M2		1	2.50196 GHz	25.10 dBm		
D3	M1	1	24.4 MHz	-24.52 dB		

Date: 8.DEC.2020 22:55:50

Band7-20MHz-QPSK-21100-100RB#0-17.862



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52564 GHz	-0.44 dBm		
T1		1	2.5260889 GHz	12.99 dBm	Occ Bw	17.862137862 MHz
T2		1	2.543951 GHz	13.93 dBm		
M2		1	2.5432 GHz	26.58 dBm		
D3	M1	1	18.76 MHz	0.35 dB		

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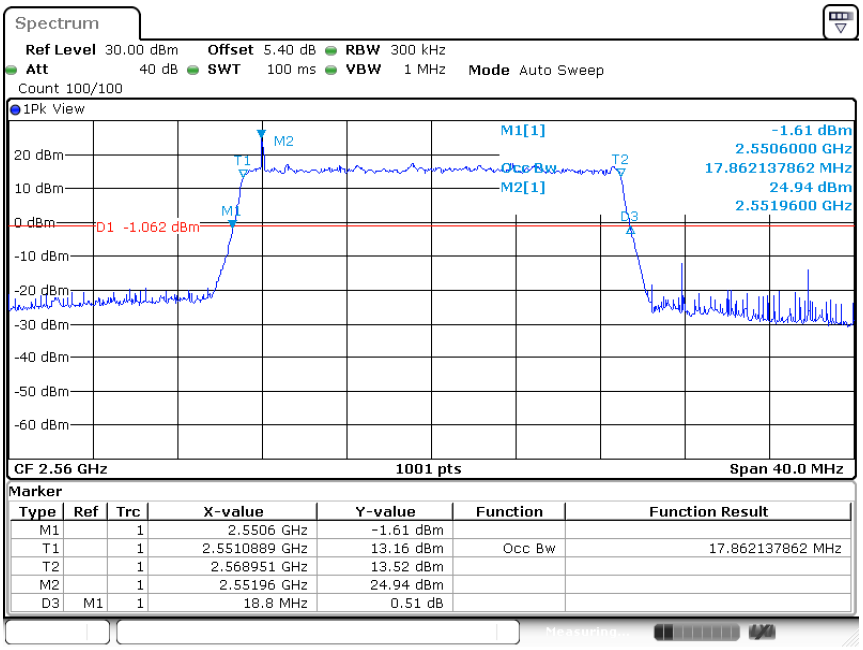
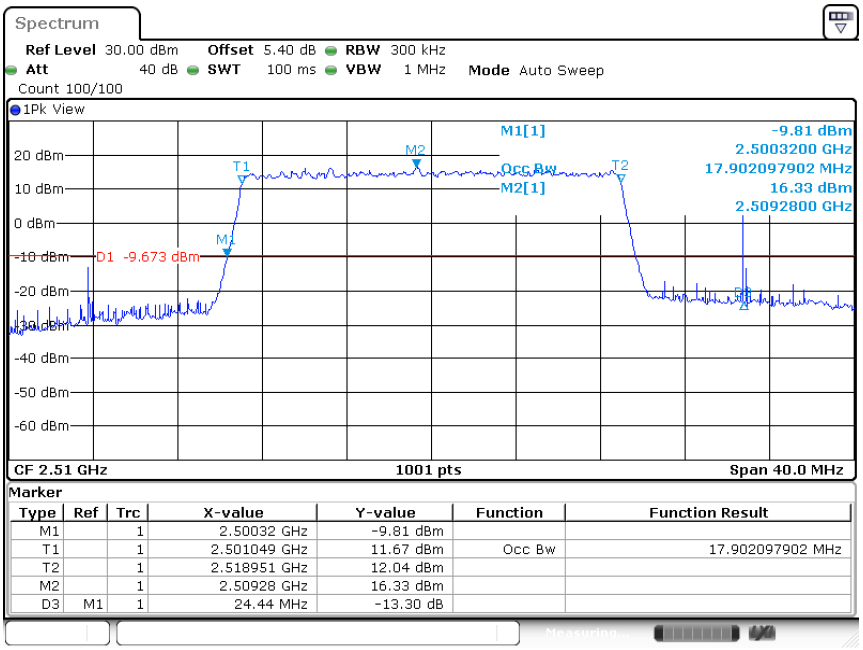


Date: 8.DEC.2020 22:57:09

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



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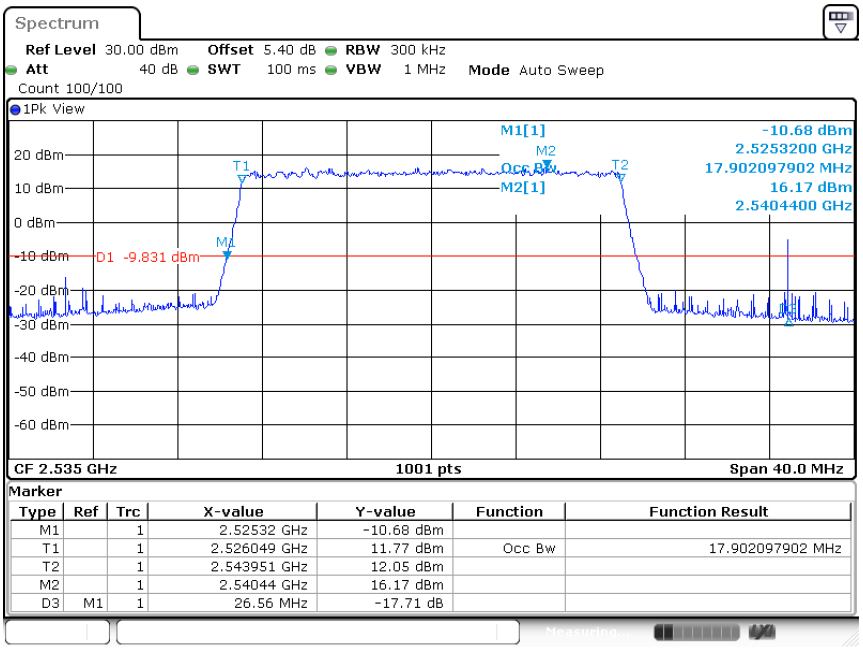
Band7-20MHz-64QAM-21100-100RB#0-17.902

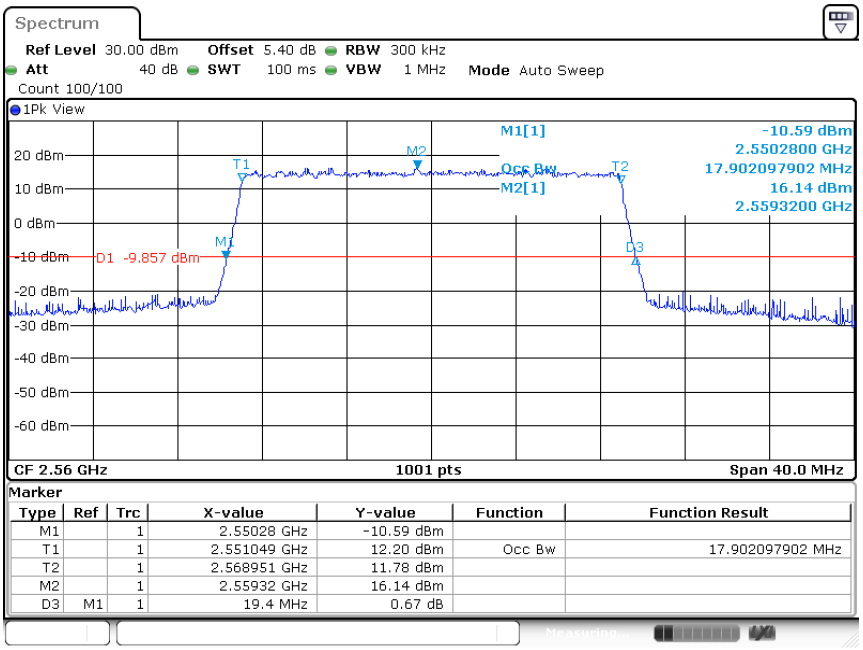


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52532 GHz	-10.68 dBm		
T1		1	2.526049 GHz	11.77 dBm	Occ Bw	17.902097902 MHz
T2		1	2.543951 GHz	12.05 dBm		
M2		1	2.54044 GHz	16.17 dBm		
D3	M1	1	26.56 MHz	-17.71 dB		

Date: 9.DEC.2020 00:37:02

Band7-20MHz-64QAM-21350-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.55028 GHz	-10.59 dBm		
T1		1	2.551049 GHz	12.20 dBm	Occ Bw	17.902097902 MHz
T2		1	2.568951 GHz	11.78 dBm		
M2		1	2.55932 GHz	16.14 dBm		
D3	M1	1	19.4 MHz	0.67 dB		

Date: 9.DEC.2020 00:37:22

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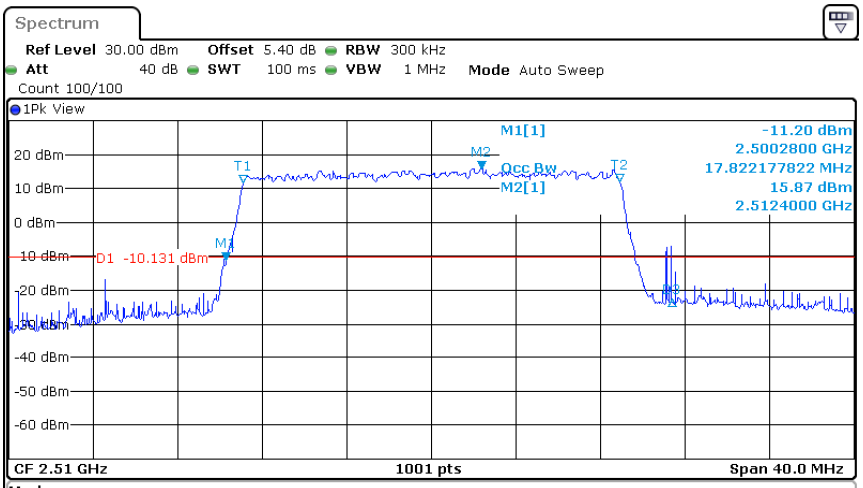
Band7-20MHz-16QAM-20850-100RB#0-17.822

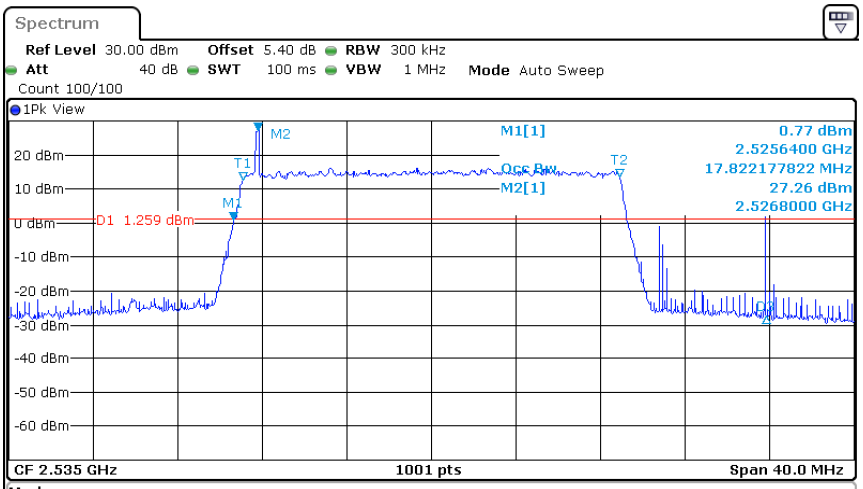


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50028 GHz	-11.20 dBm		
T1		1	2.5010889 GHz	11.51 dBm	Occ Bw	17.822177822 MHz
T2		1	2.5189111 GHz	12.04 dBm		
M2		1	2.5124 GHz	15.87 dBm		
D3	M1	1	21.08 MHz	-11.34 dB		

Date: 8.DEC.2020 22:56:09

Band7-20MHz-16QAM-21100-100RB#0-17.822



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52564 GHz	0.77 dBm		
T1		1	2.5260889 GHz	12.71 dBm	Occ Bw	17.822177822 MHz
T2		1	2.5439111 GHz	13.57 dBm		
M2		1	2.5268 GHz	27.26 dBm		
D3	M1	1	25.2 MHz	-27.98 dB		

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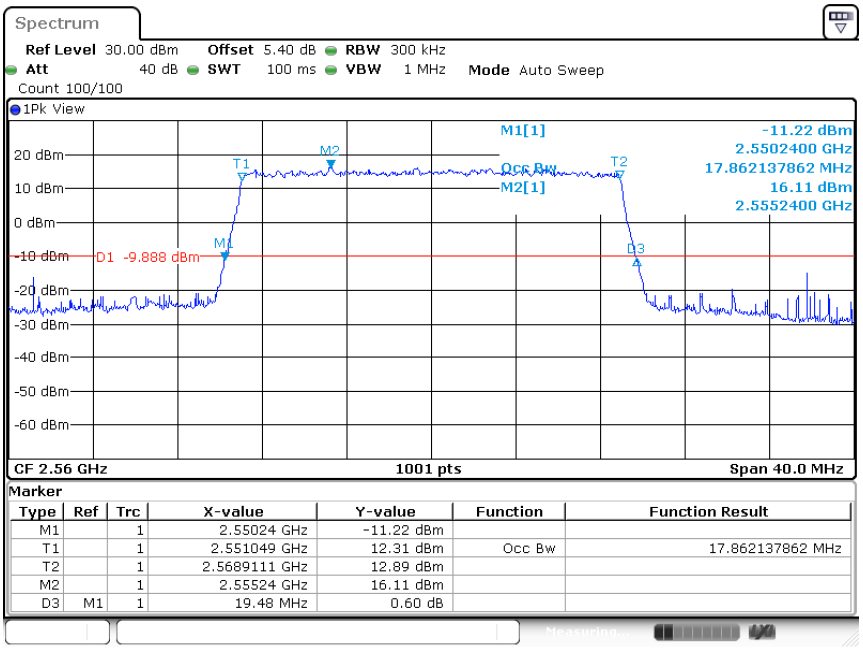
Band7-20MHz-16QAM-21350-100RB#0-17.862



Date: 8.DEC.2020 22:57:29

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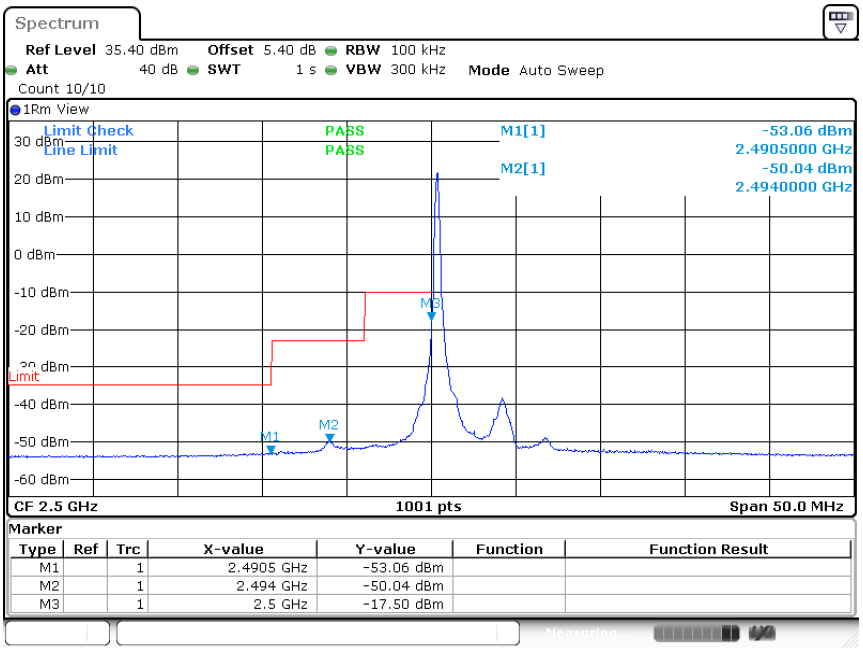
5. Band Edge Compliance

5.1. Test Plots

Band7-5MHz-QPSK-20775-1RB#0



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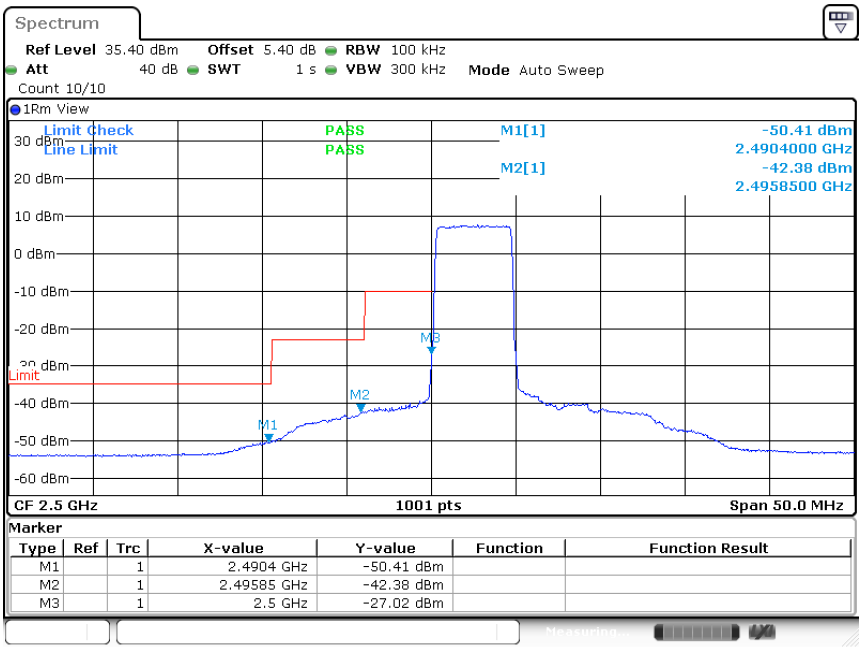
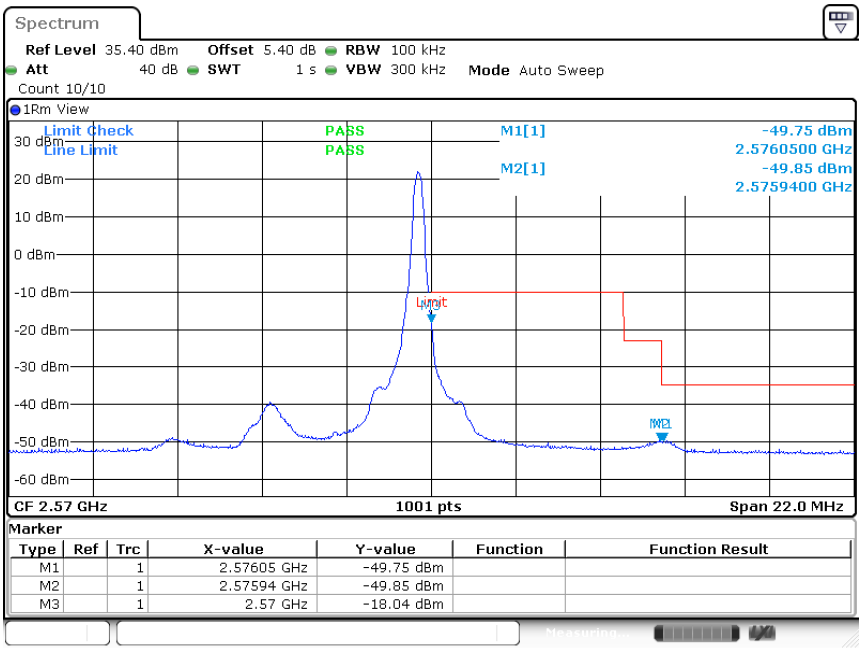


Date: 8.DEC.2020 22:59:30

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



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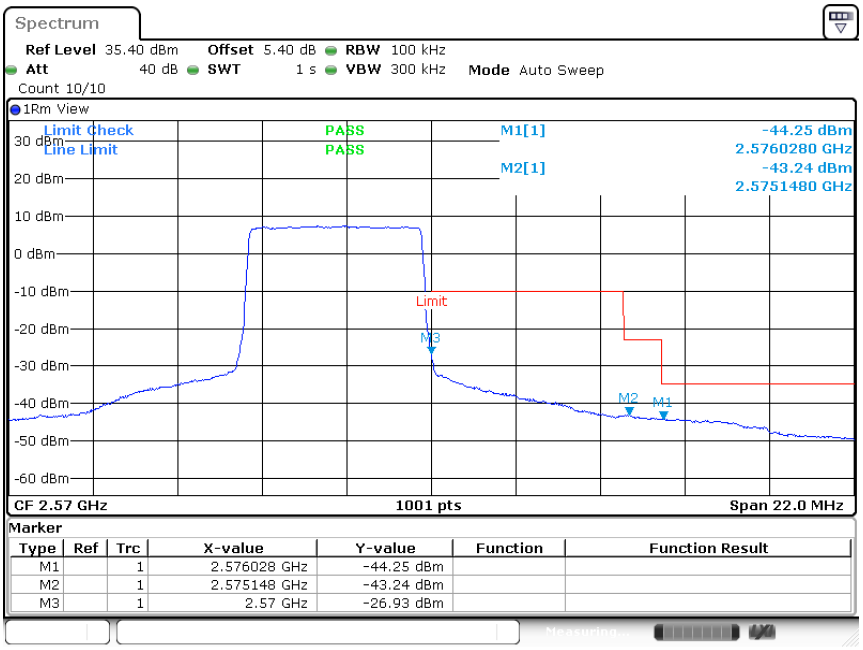
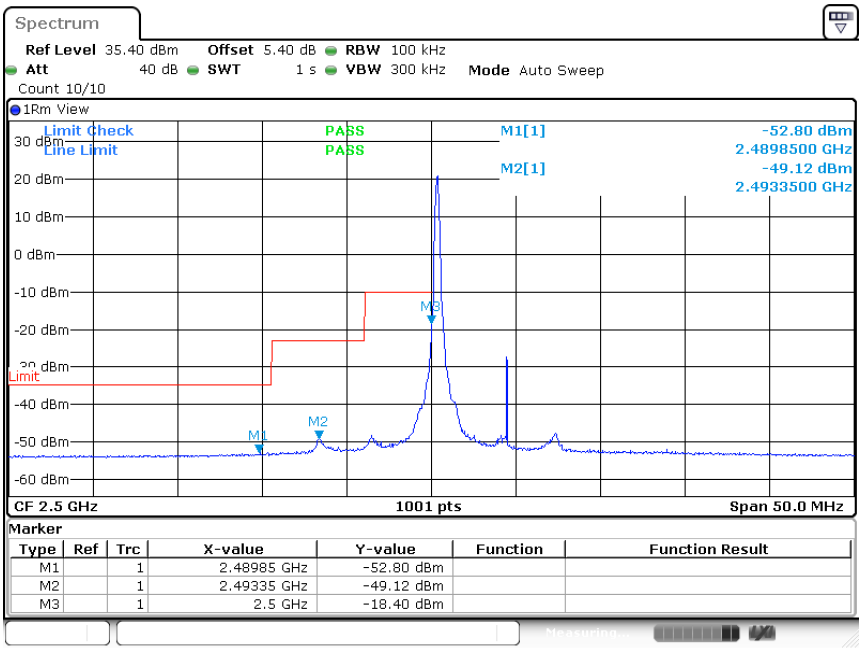


Date: 8.DEC.2020 23:00:12

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



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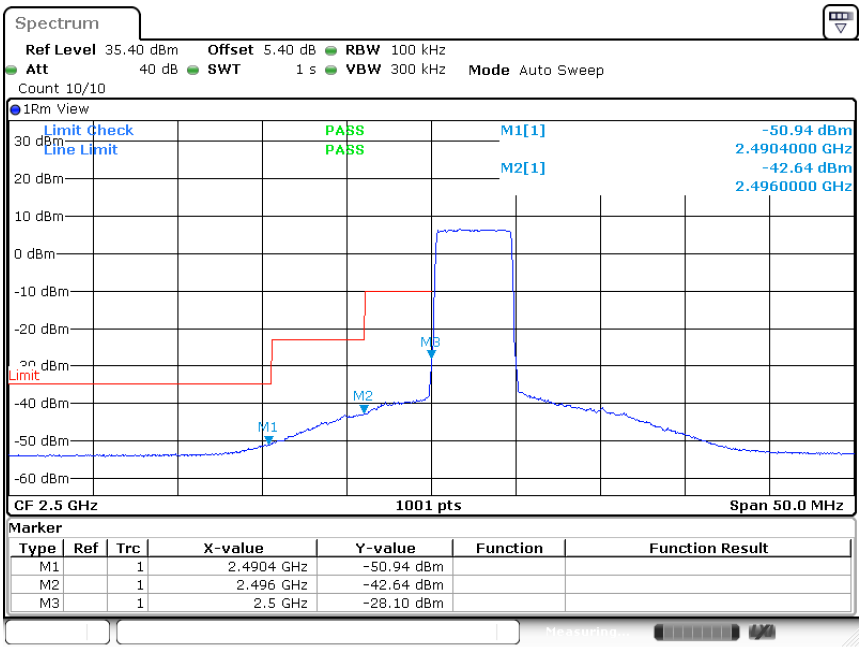

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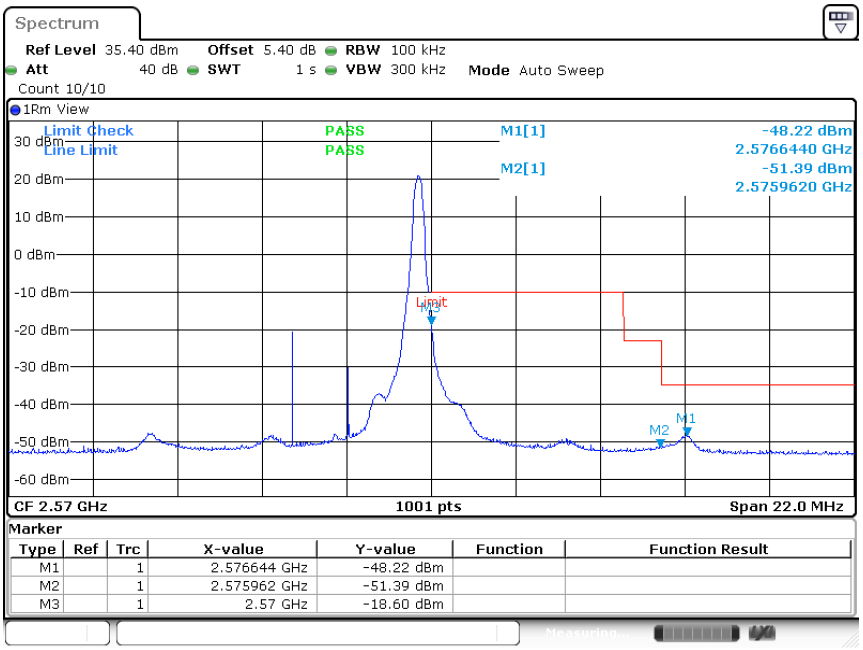
Band7-5MHz-64QAM-21425-1RB#24



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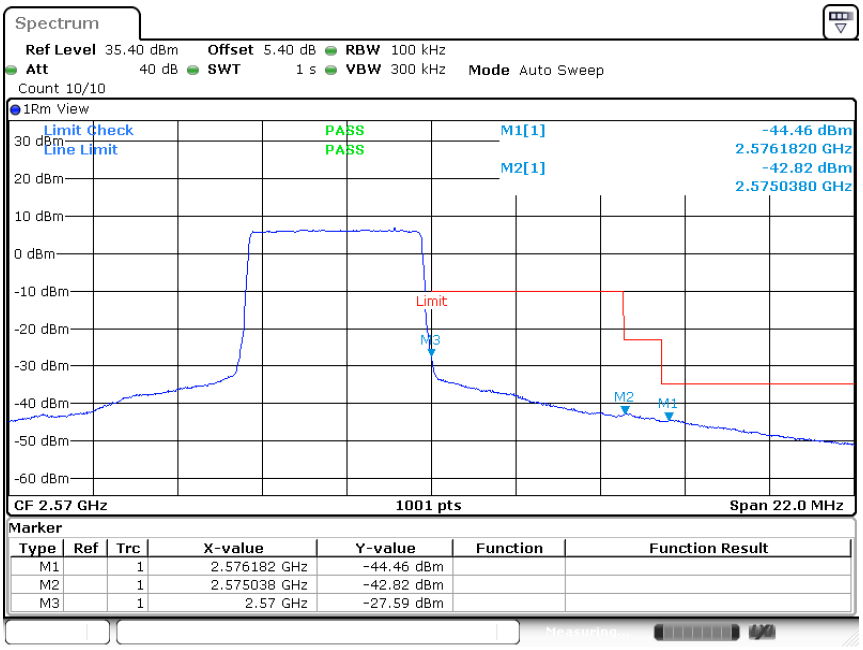

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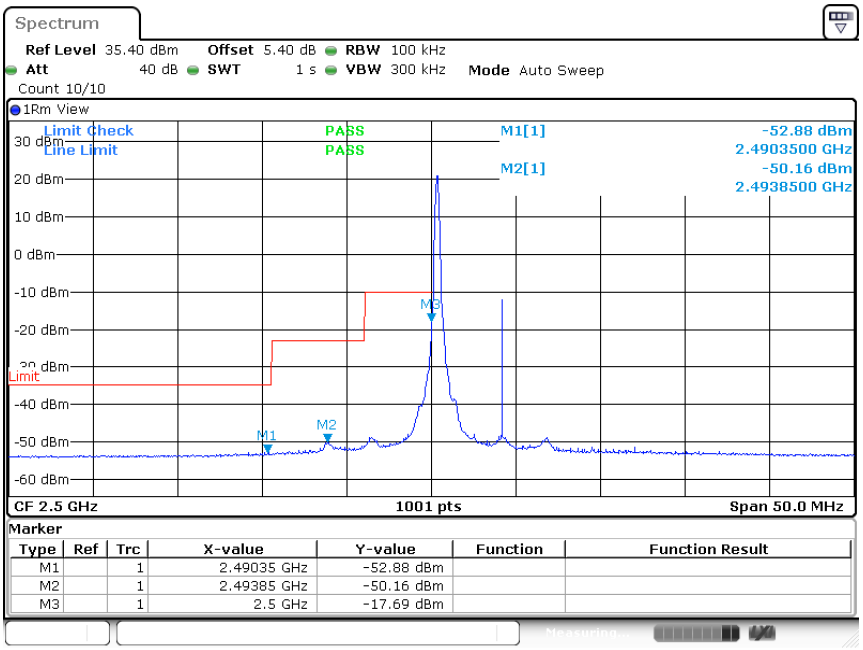

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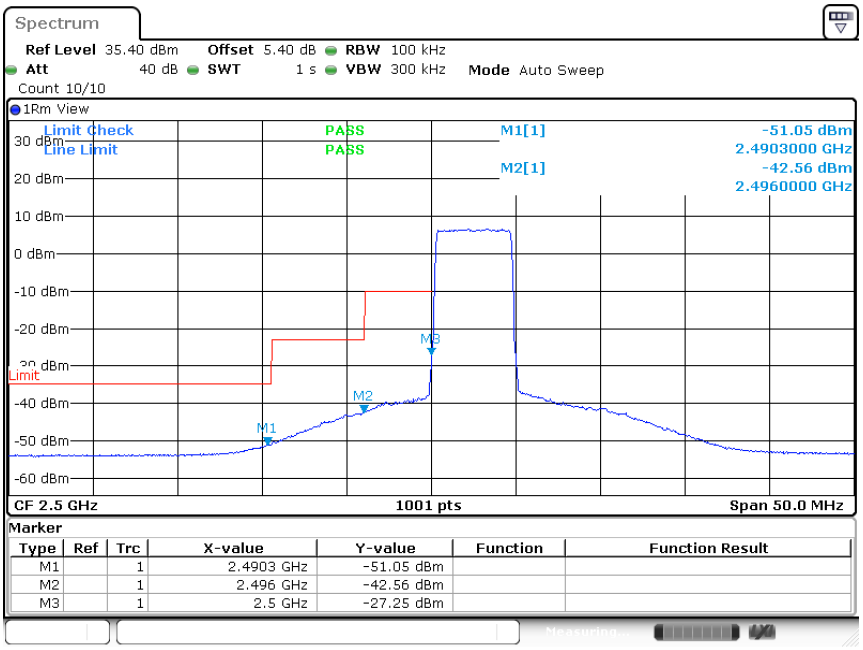

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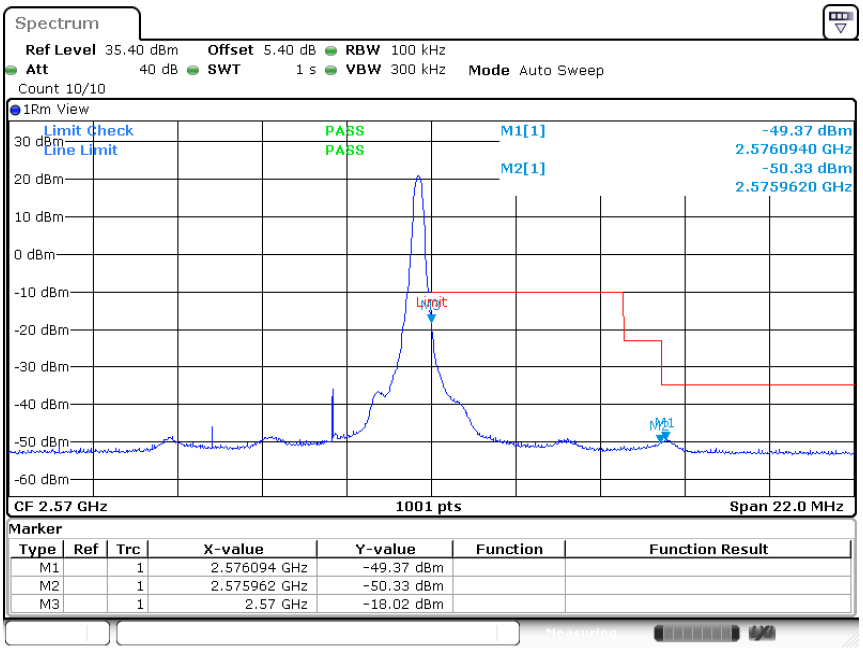

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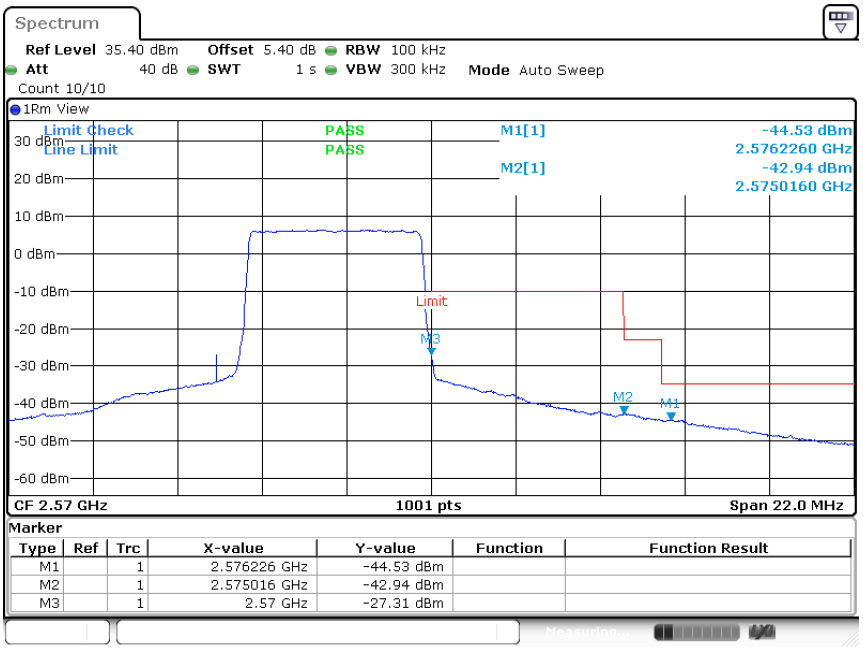
Band7-5MHz-16QAM-21425-25RB#0



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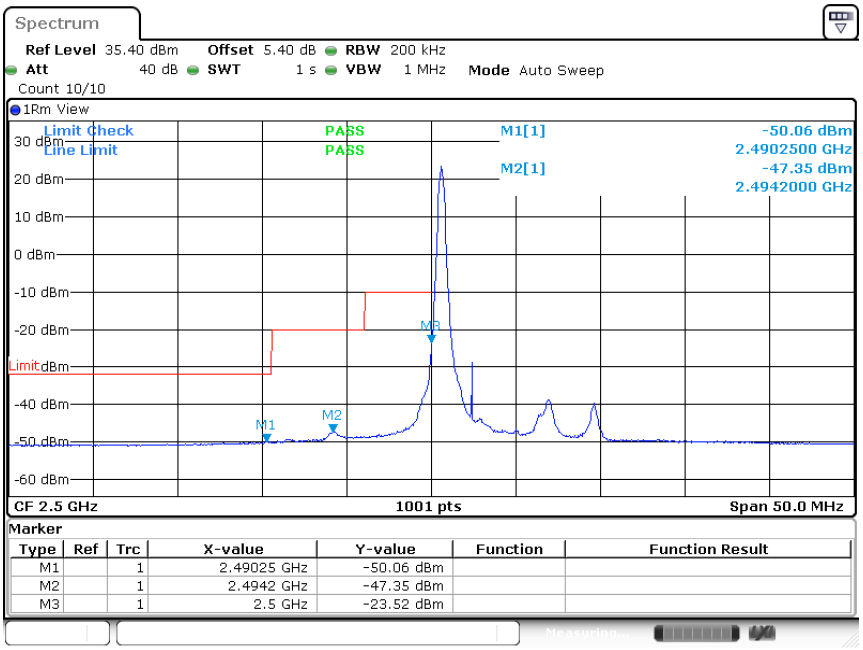
Band7-10MHz-QPSK-20800-1RB#0



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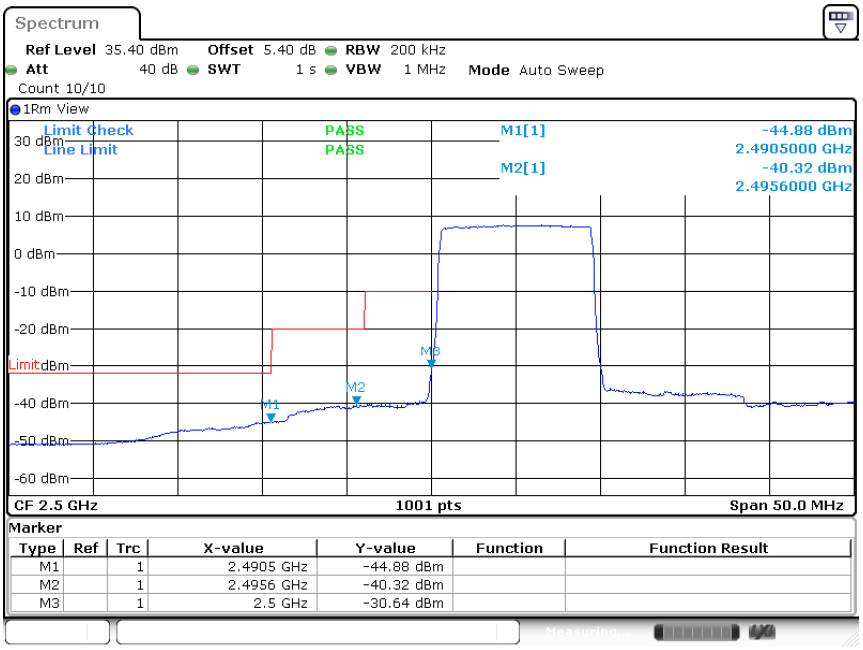

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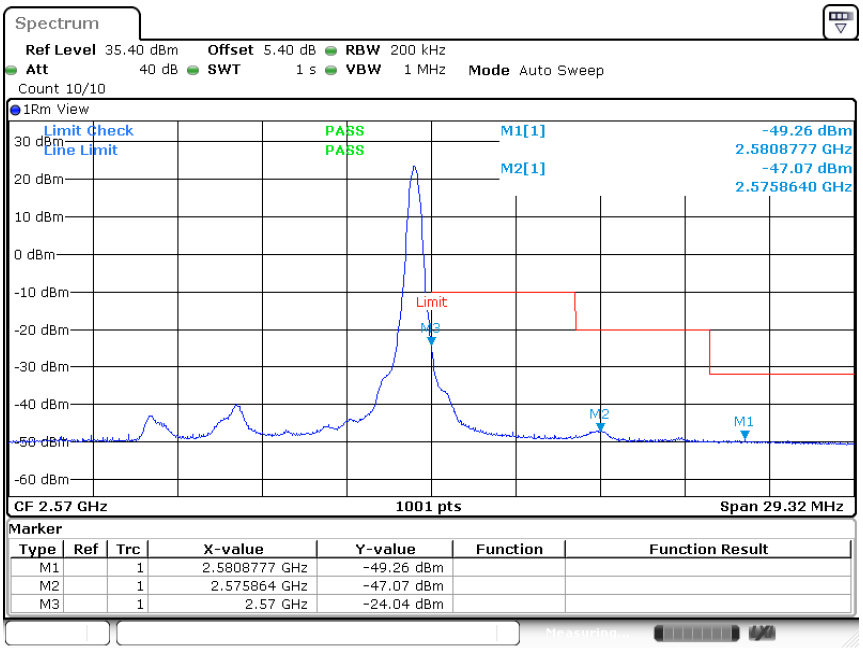
Band7-10MHz-QPSK-21400-1RB#49



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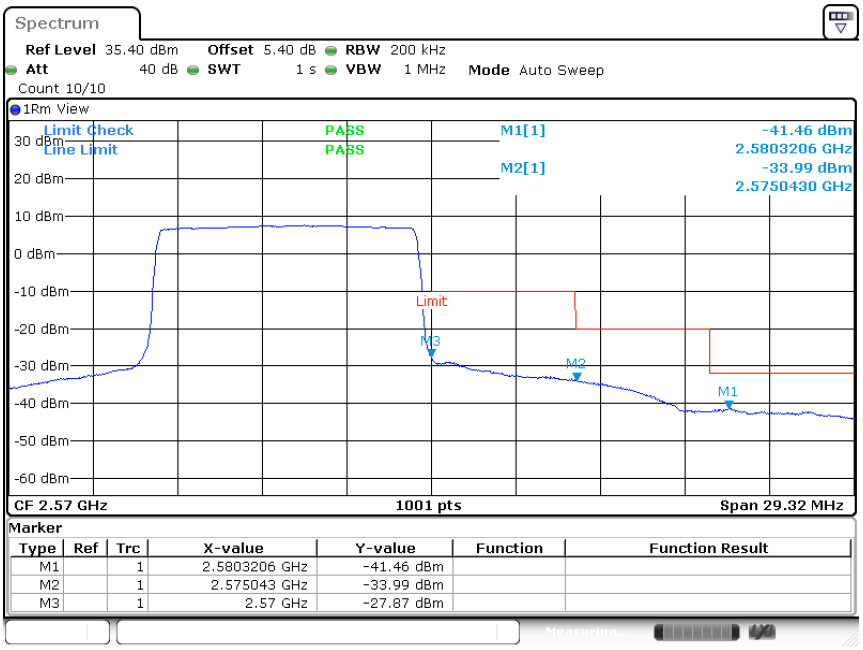

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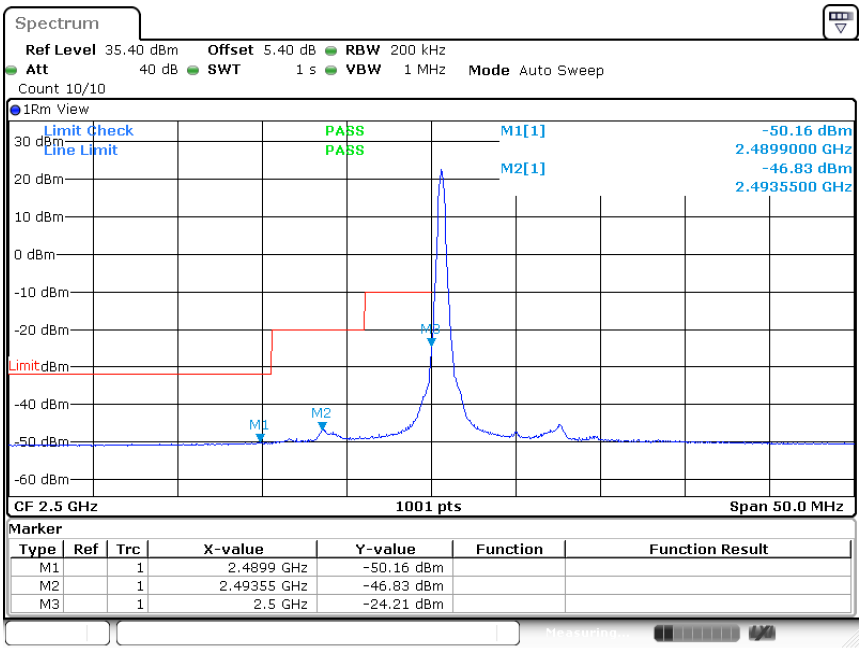
Band7-10MHz-64QAM-20800-1RB#0



Date: 9.DEC.2020 00:39:29

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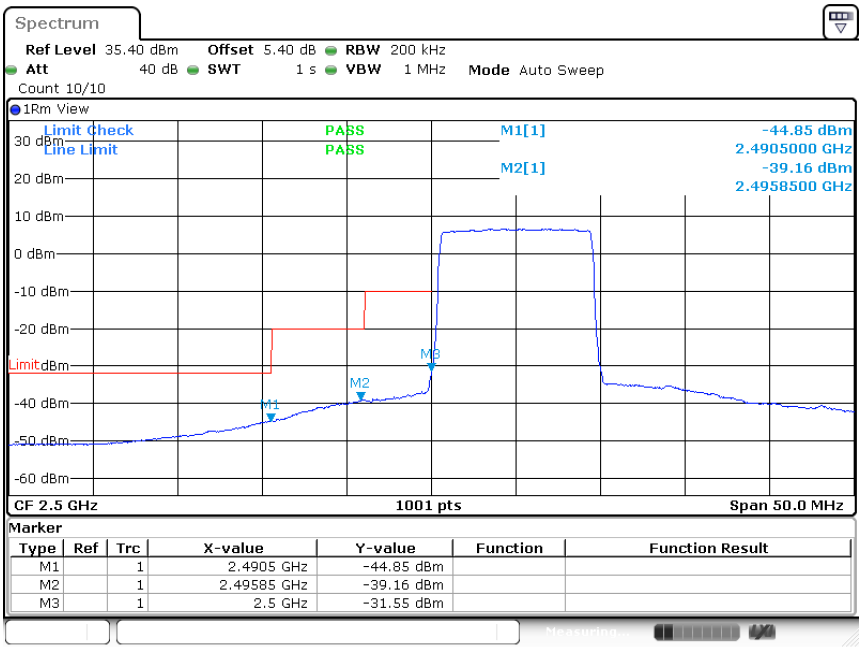
Band7-10MHz-64QAM-20800-50RB#0



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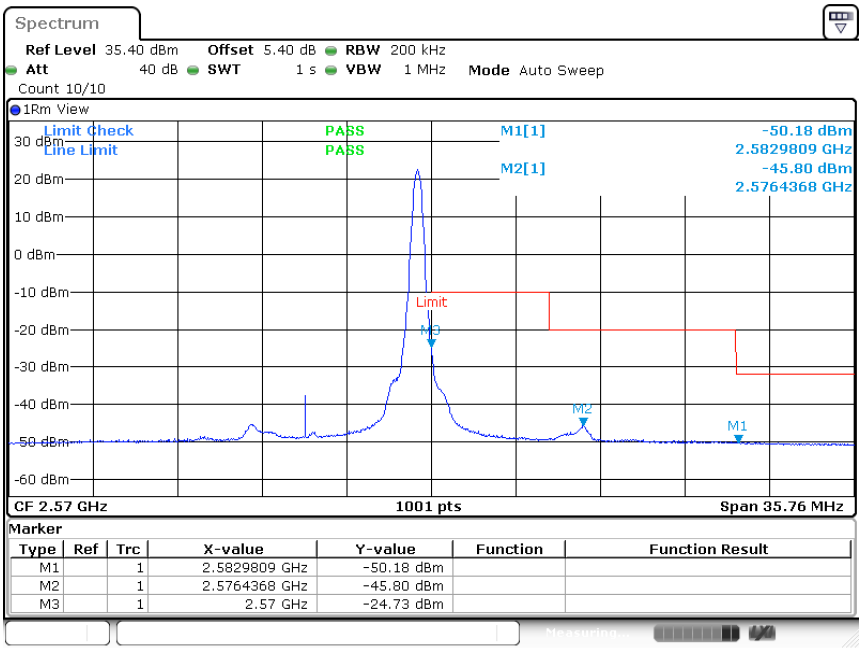
Band7-10MHz-64QAM-21400-1RB#49



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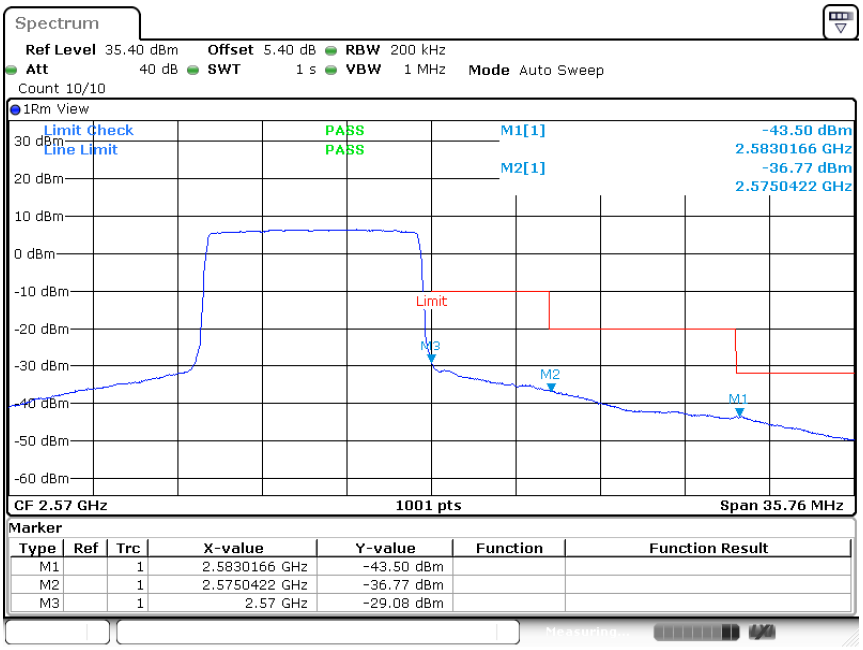

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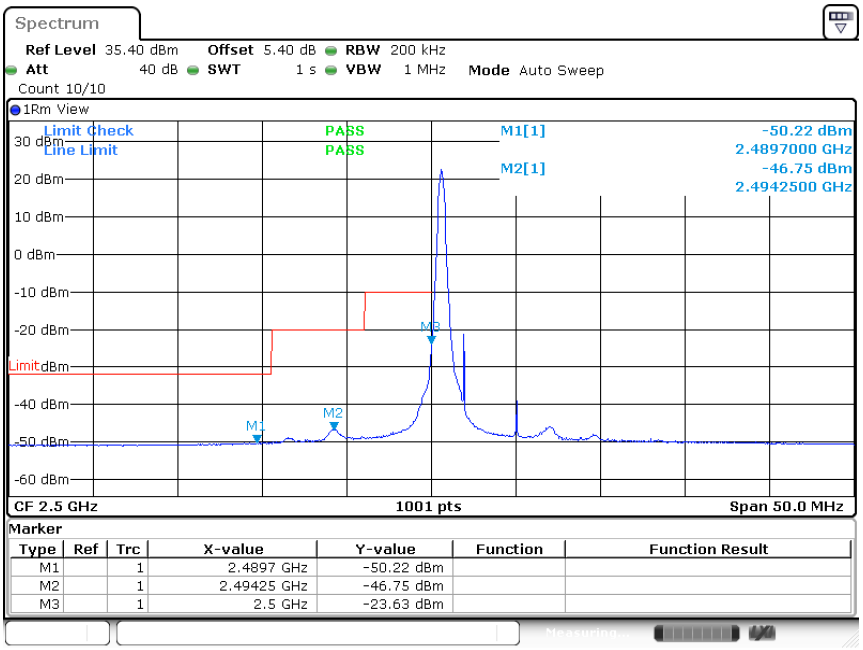

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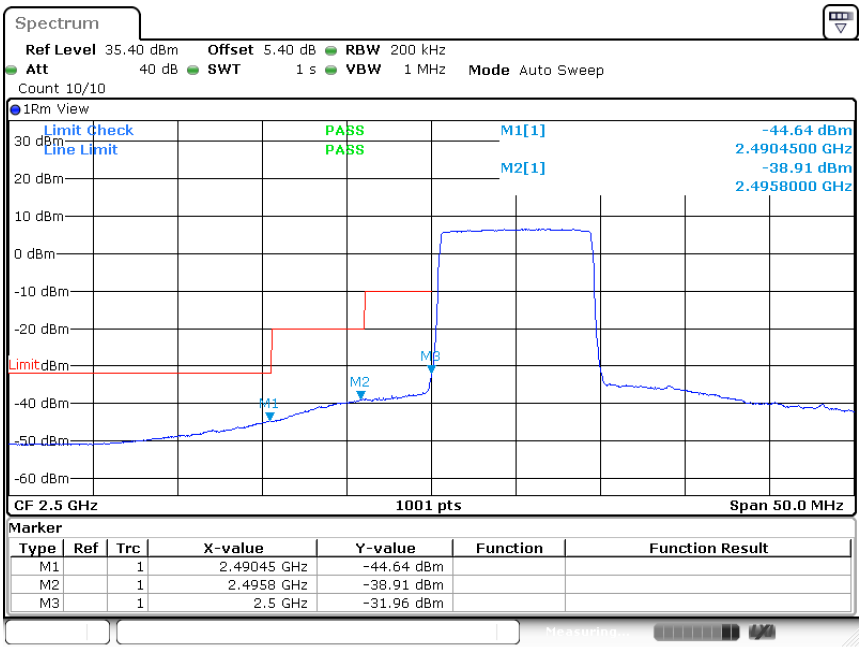

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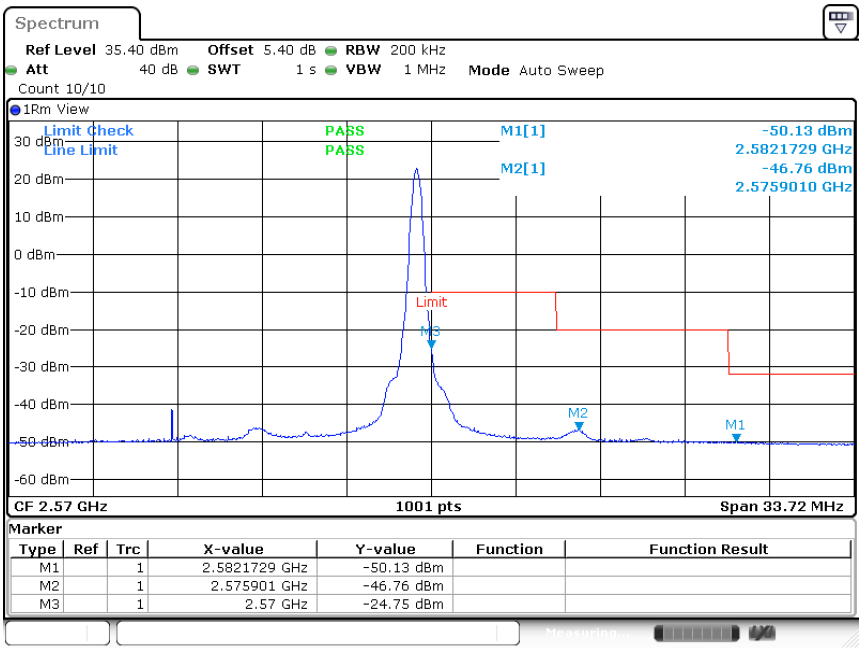
Band7-10MHz-16QAM-21400-1RB#49



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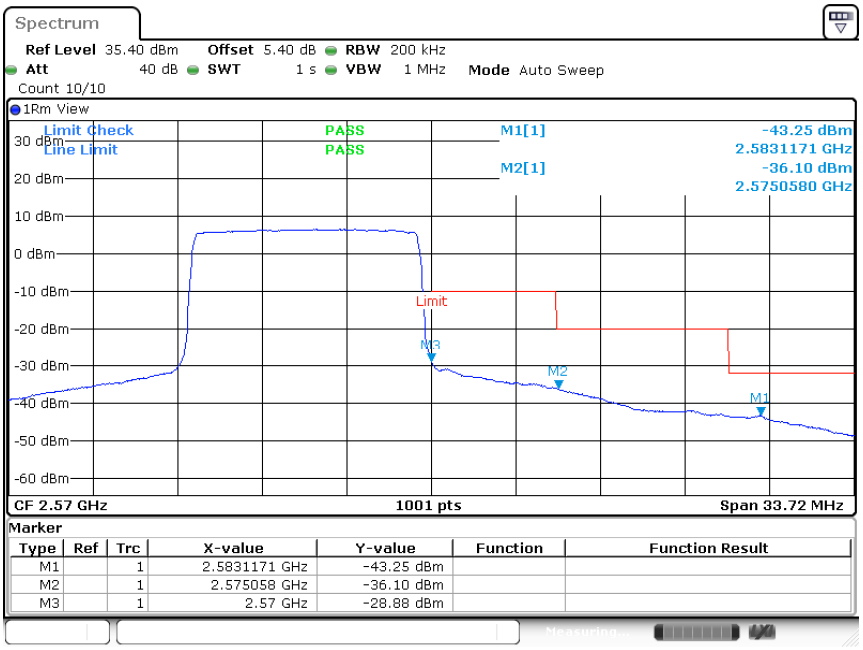

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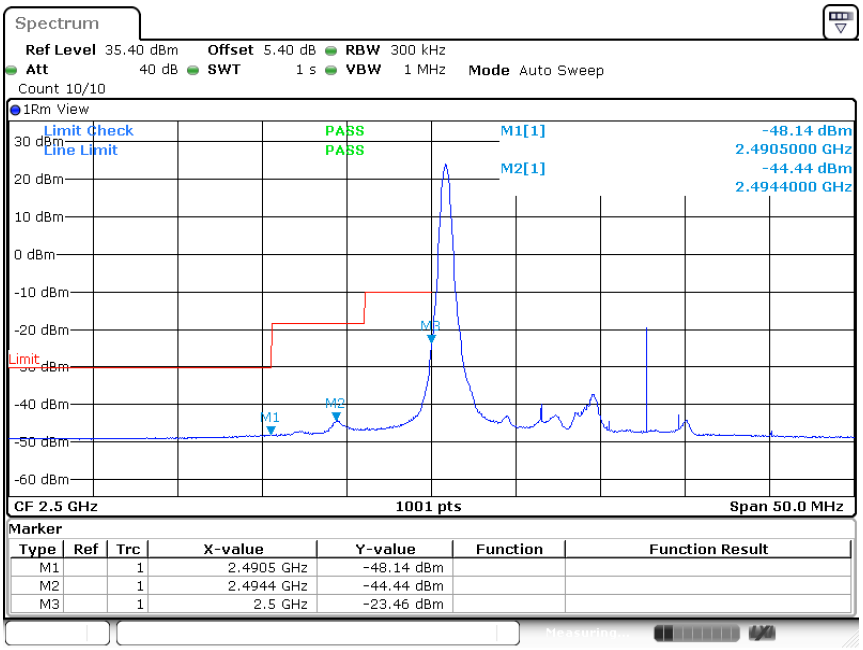
Band7-15MHz-QPSK-20825-1RB#0



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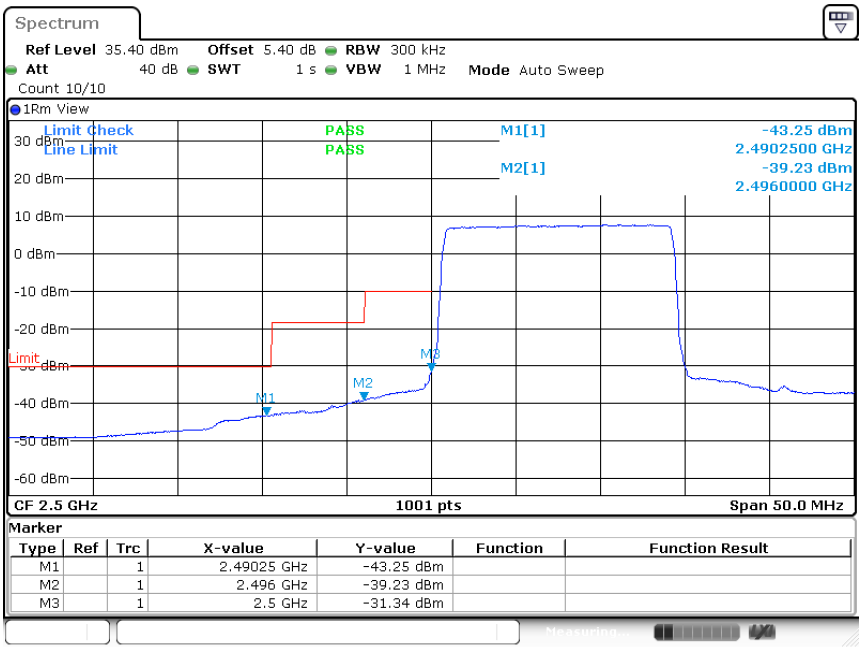
Band7-15MHz-QPSK-20825-75RB#0



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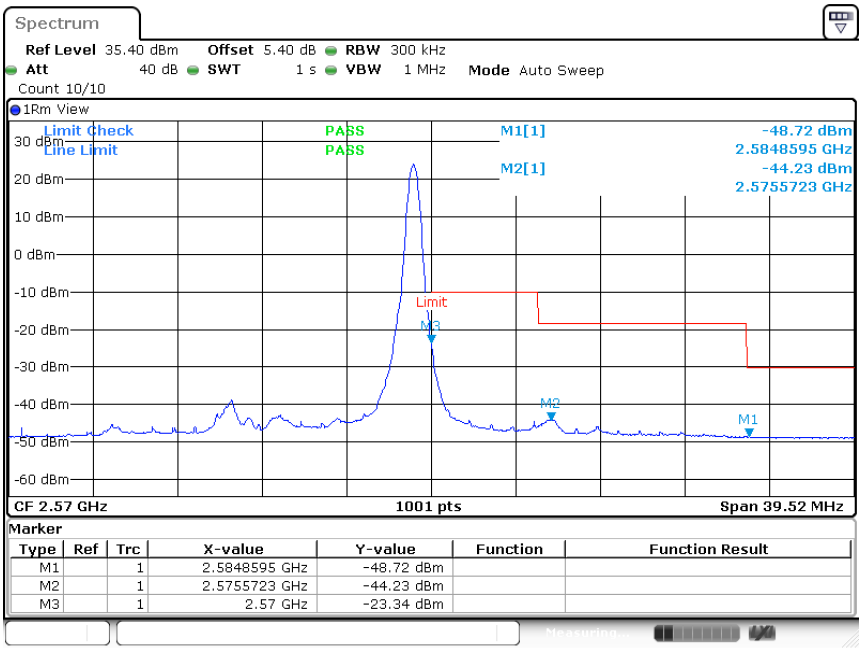
Band7-15MHz-QPSK-21375-1RB#74



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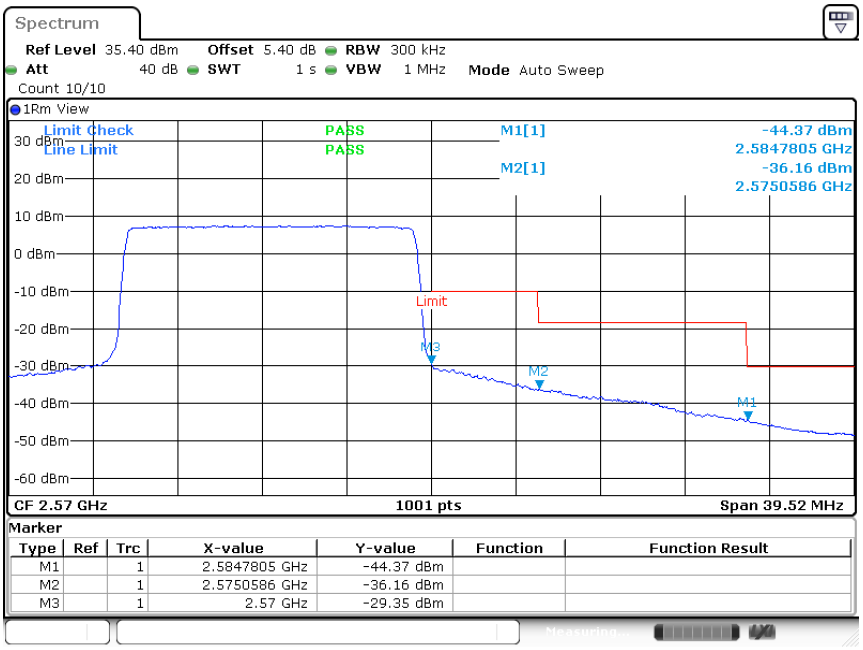

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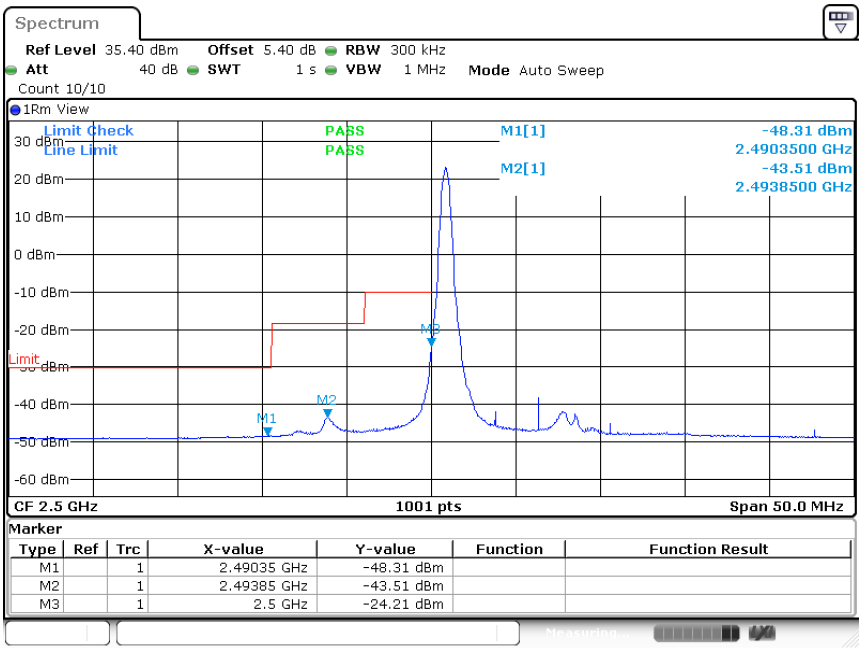

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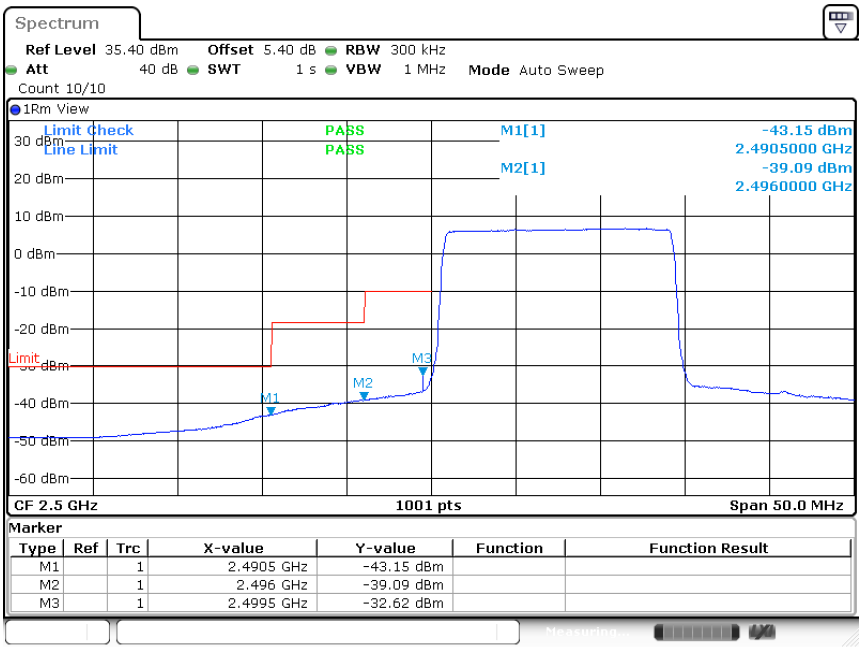

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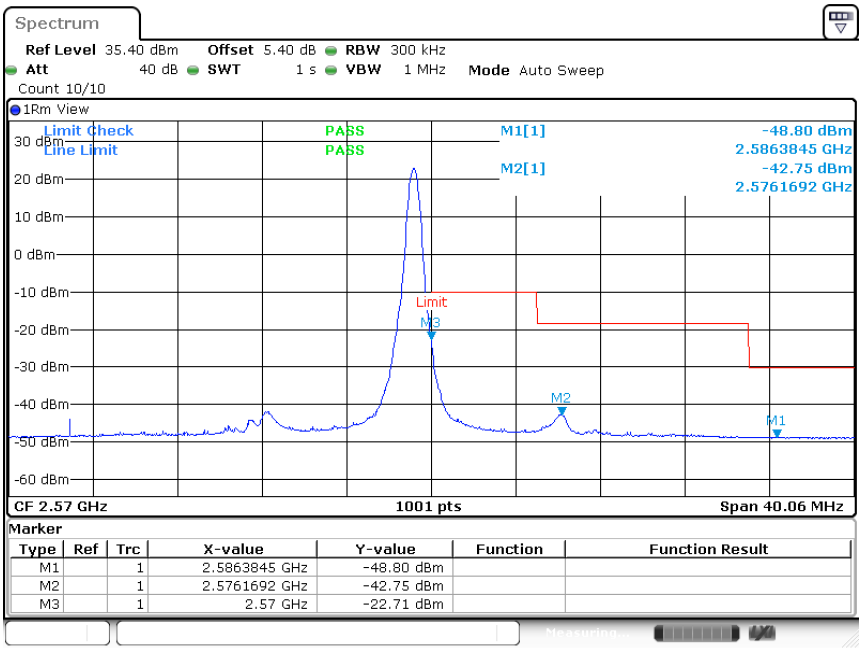
Band7-15MHz-64QAM-21375-1RB#74



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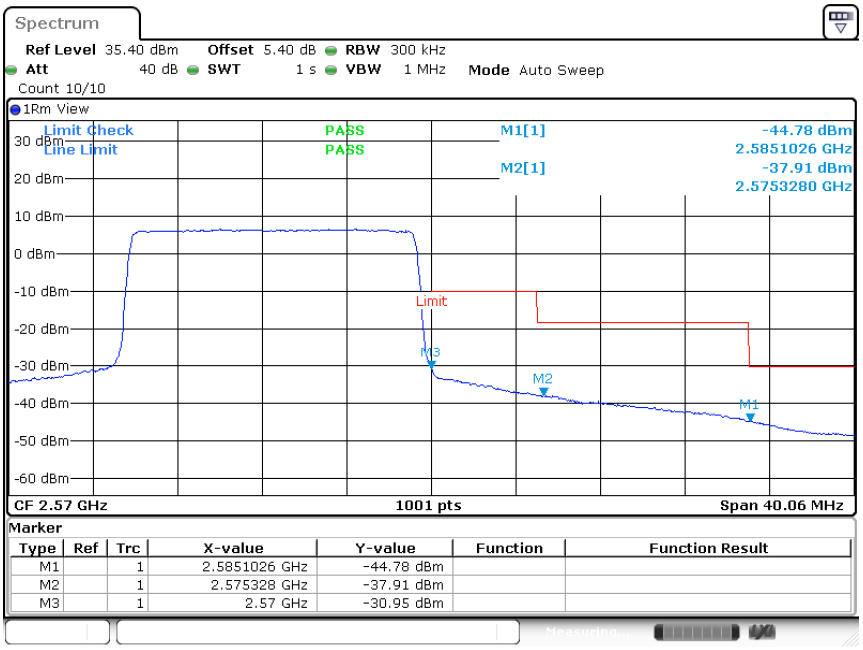

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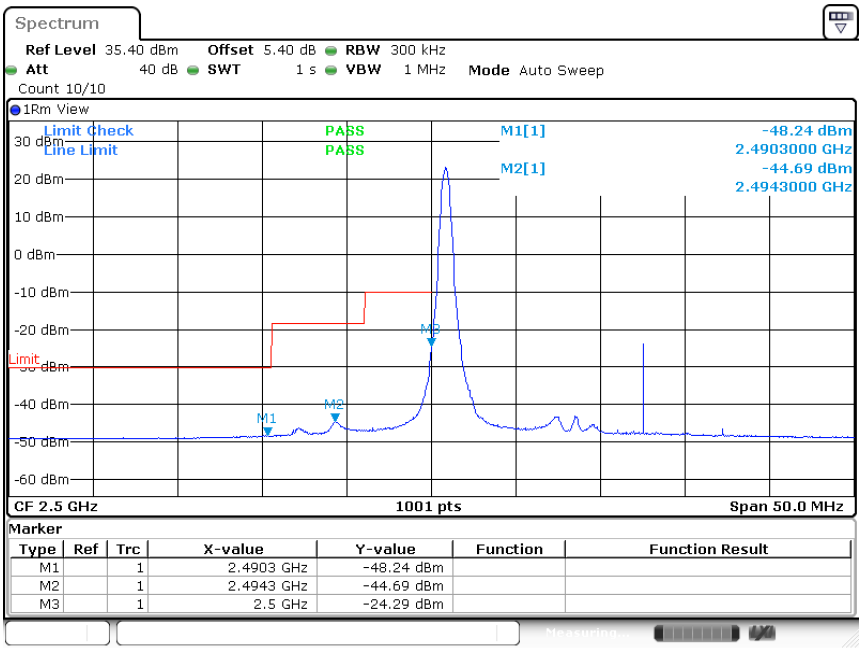

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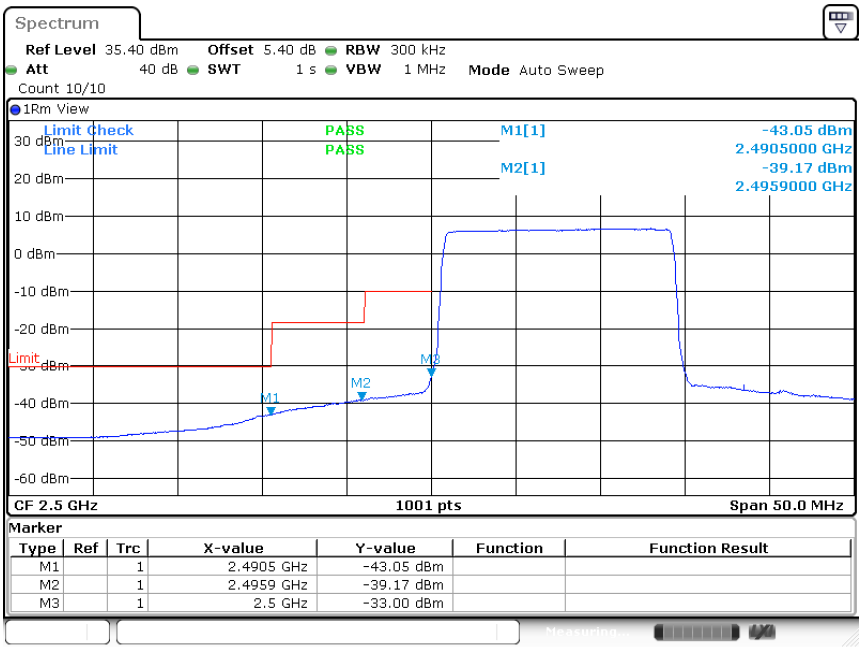

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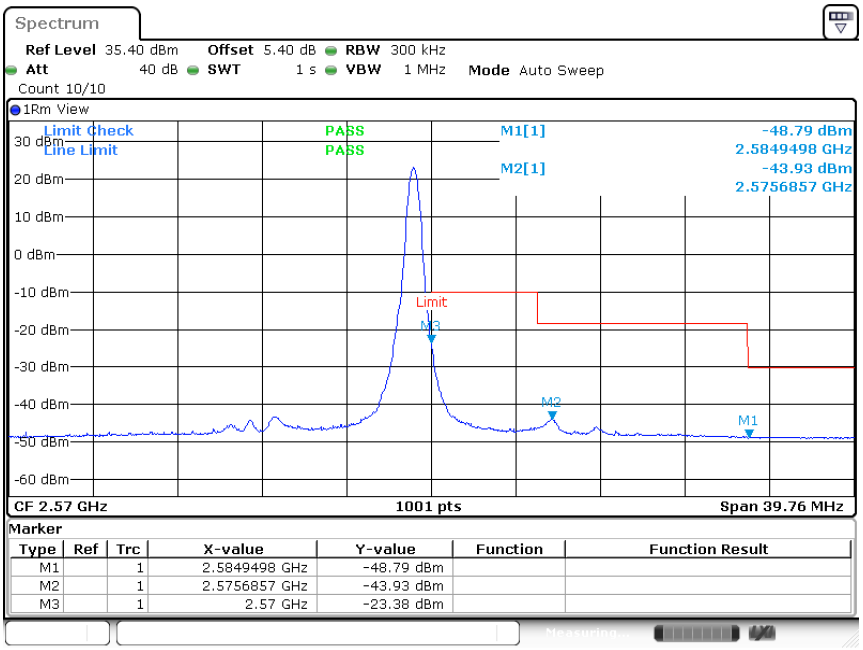

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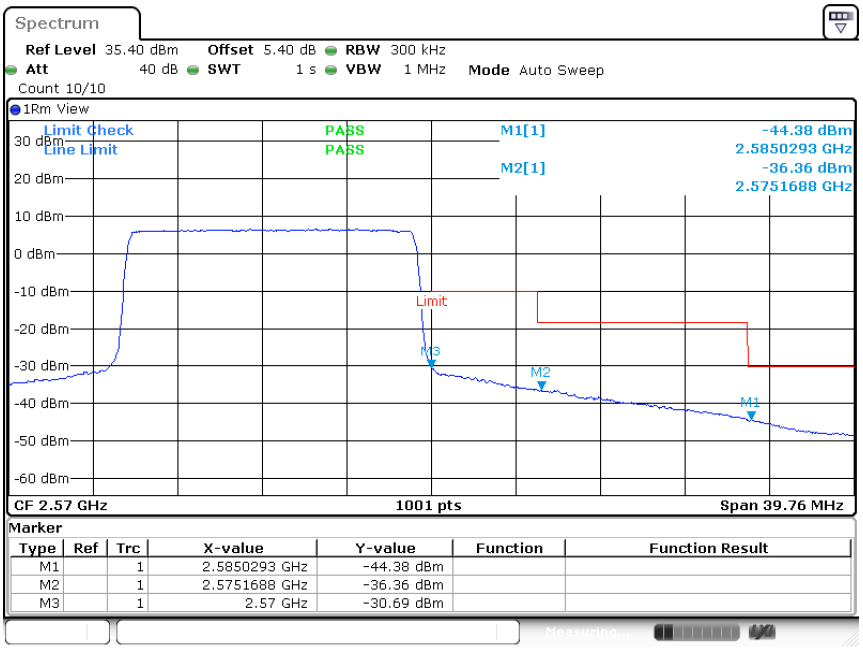
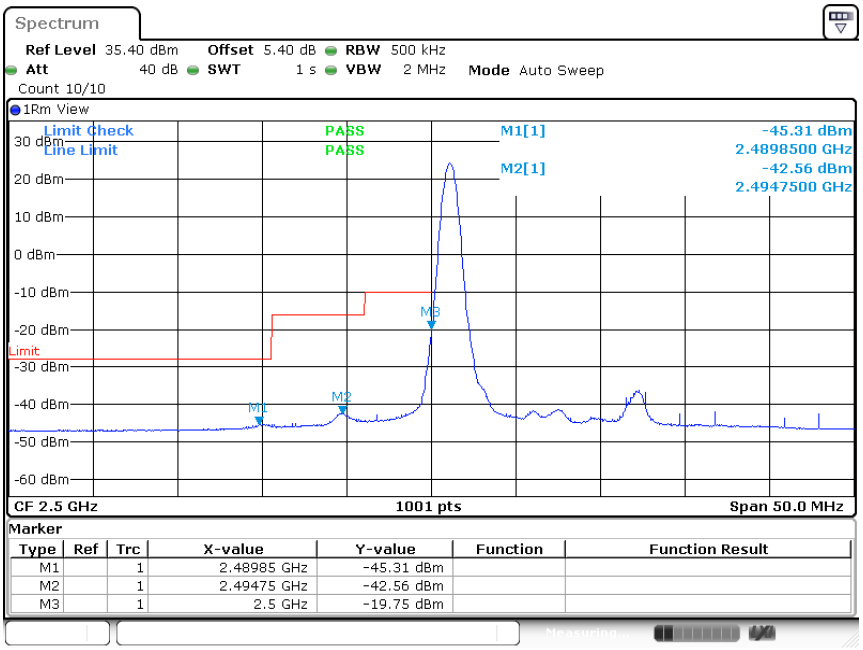
Band7-15MHz-16QAM-21375-75RB#0



Date: 8.DEC.2020 23:06:41

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



Date: 8.DEC.2020 23:07:08

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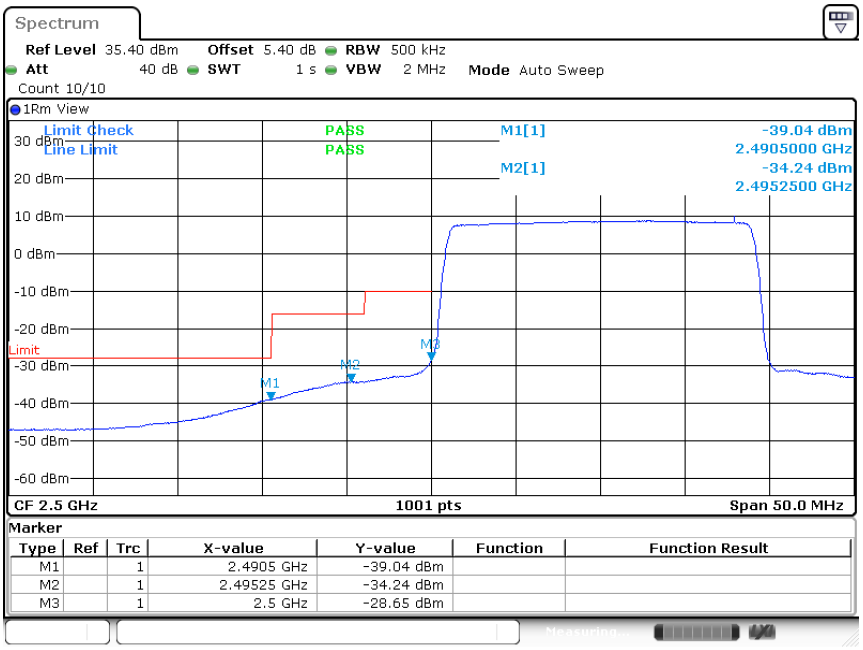
Band7-20MHz-QPSK-20850-100RB#0



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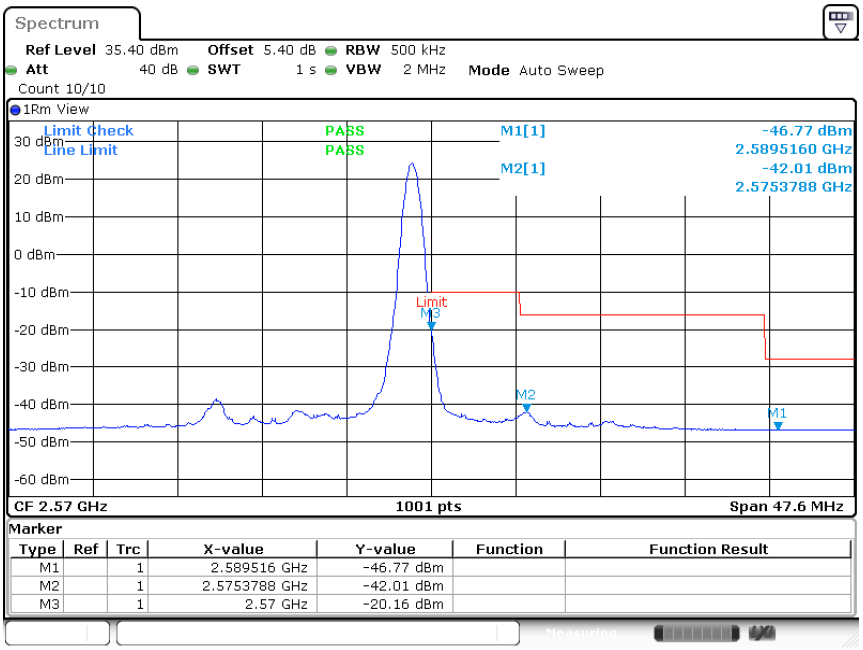
Band7-20MHz-QPSK-21350-1RB#99



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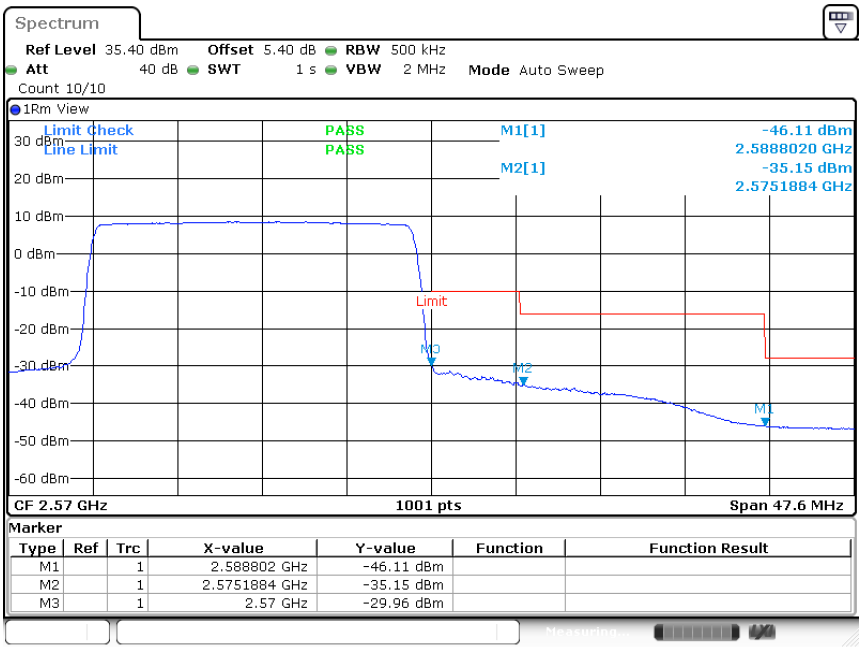
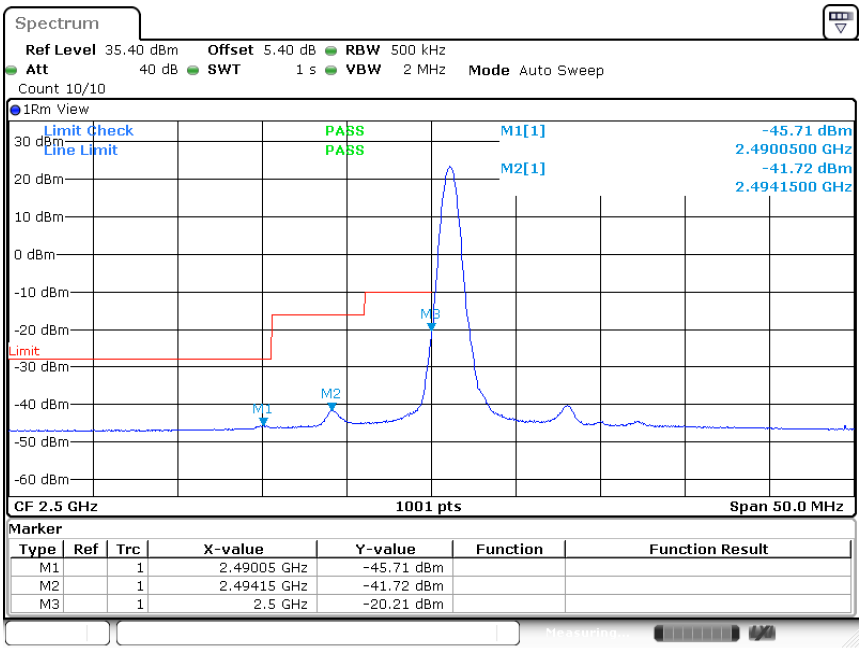
Band7-20MHz-QPSK-21350-100RB#0



Date: 8.DEC.2020 23:09:24

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



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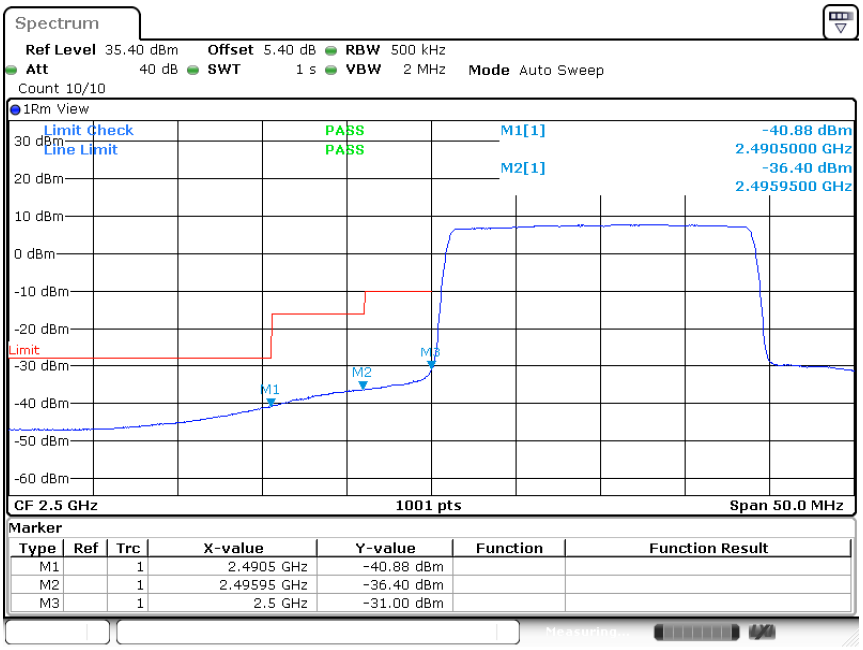
Band7-20MHz-64QAM-20850-100RB#0



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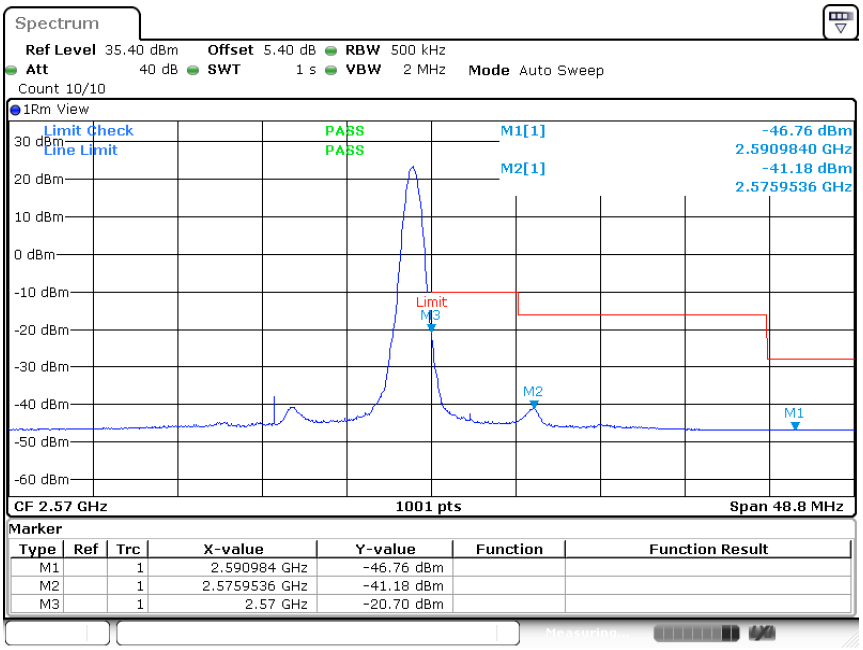
Band7-20MHz-64QAM-21350-1RB#99



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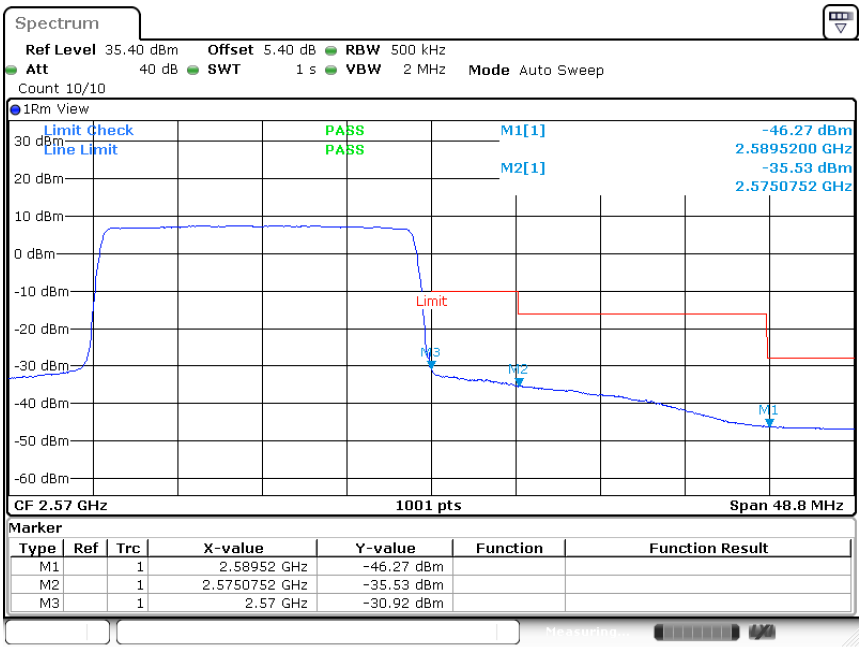
Band7-20MHz-64QAM-21350-100RB#0



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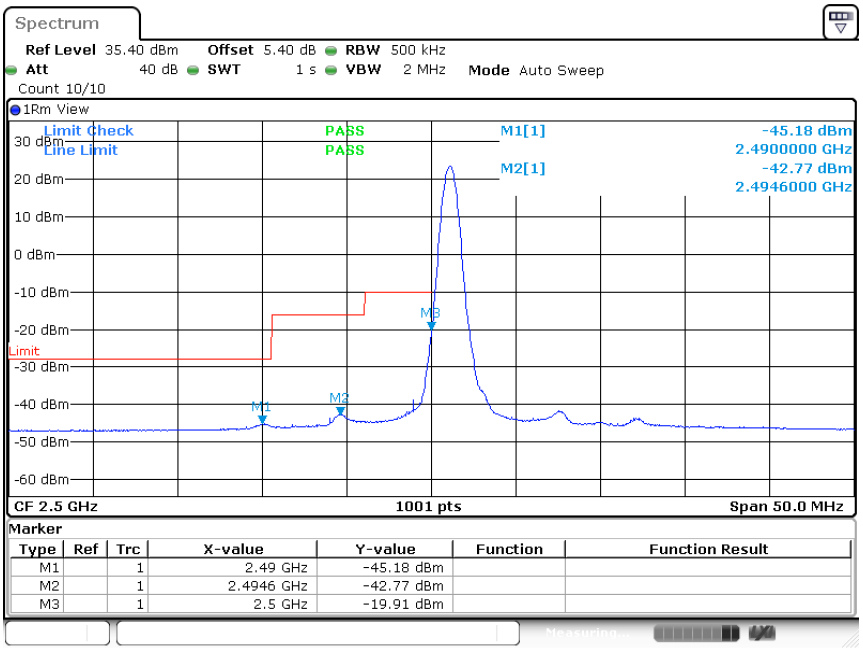
Band7-20MHz-16QAM-20850-1RB#0



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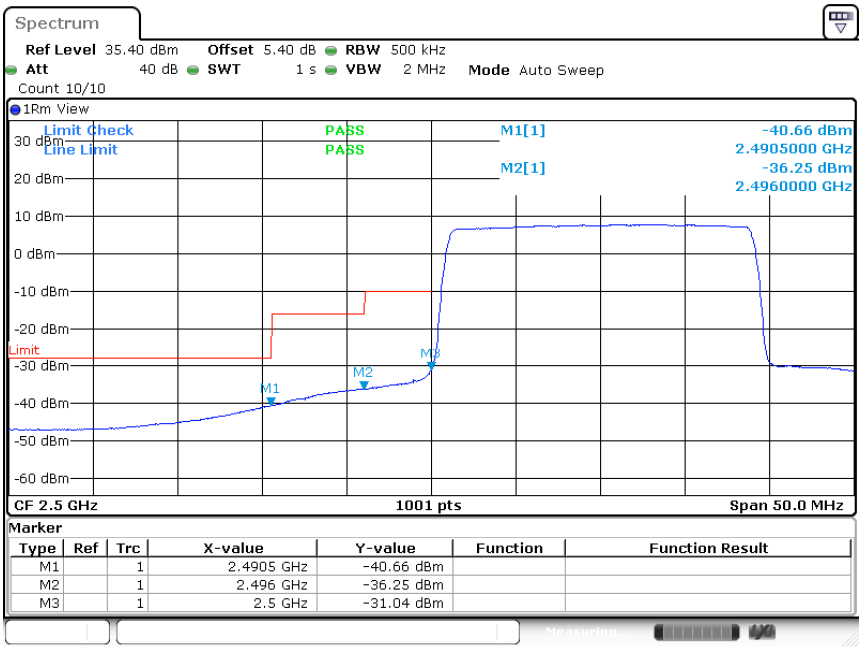
Band7-20MHz-16QAM-20850-100RB#0



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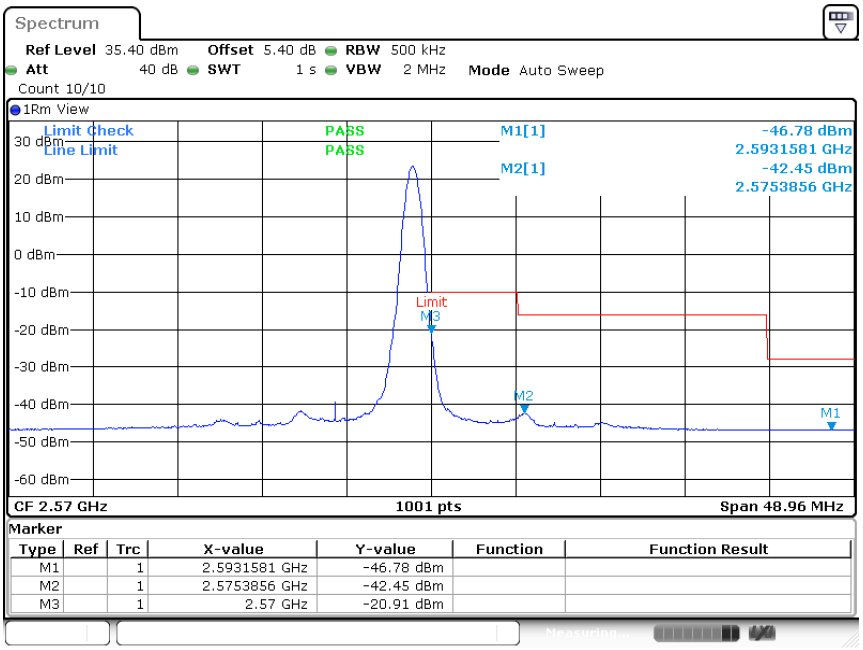
Band7-20MHz-16QAM-21350-1RB#99



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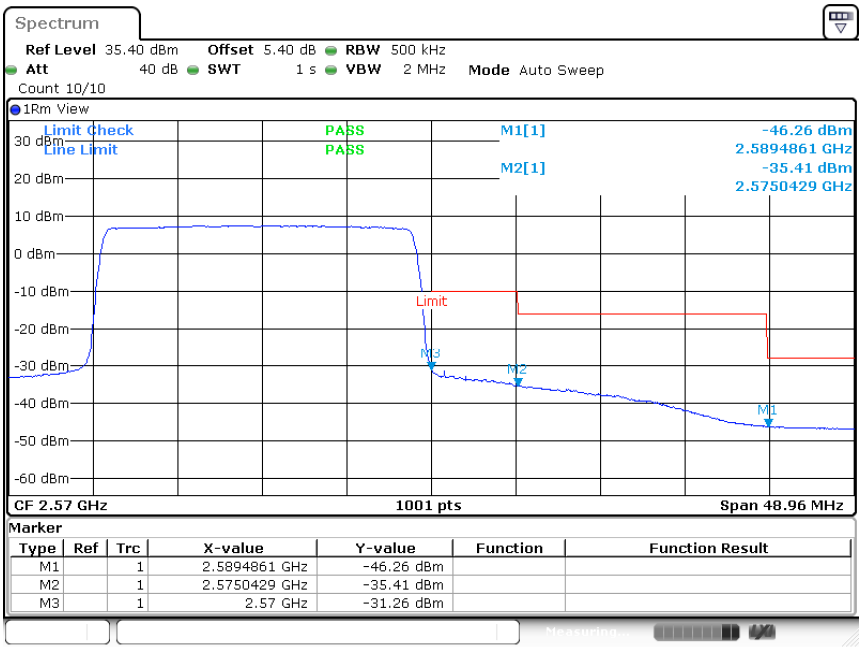

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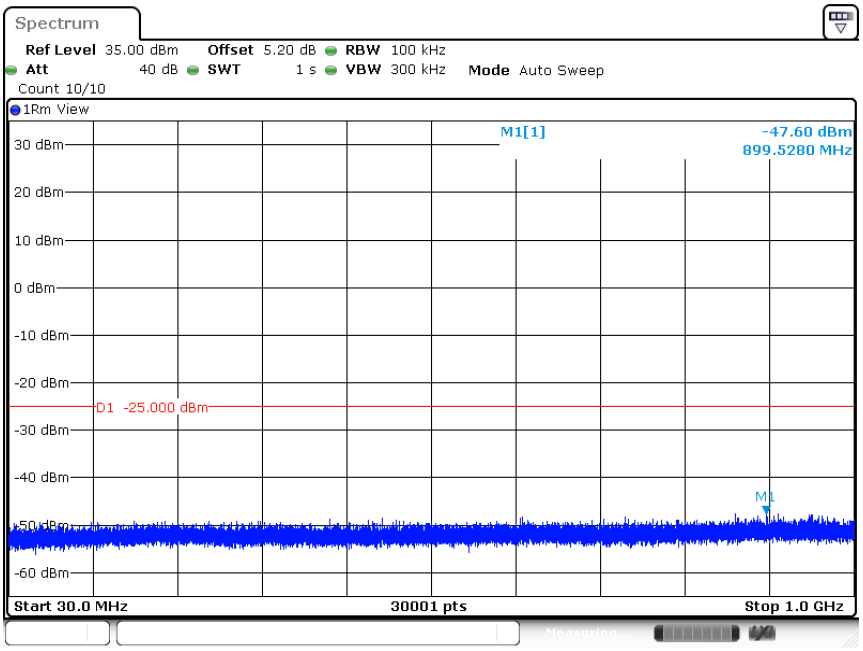
6. Spurious Emission at Antenna Terminal

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

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



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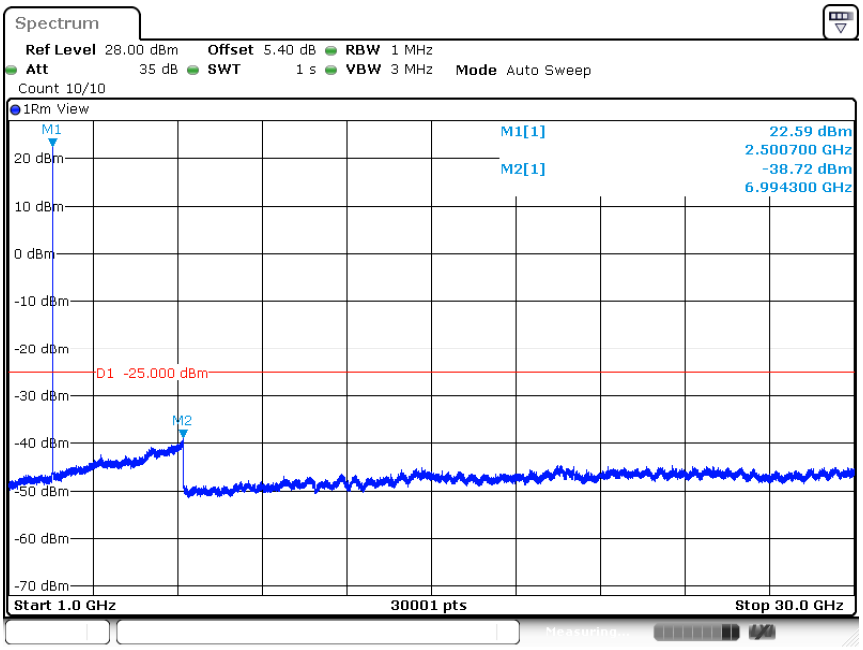
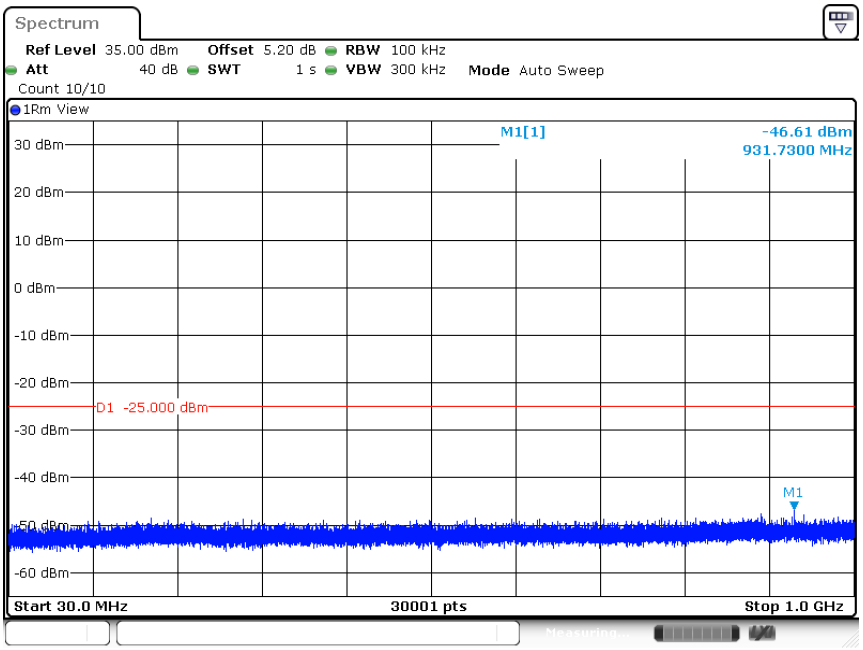
Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 8.DEC.2020 23:10:25

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



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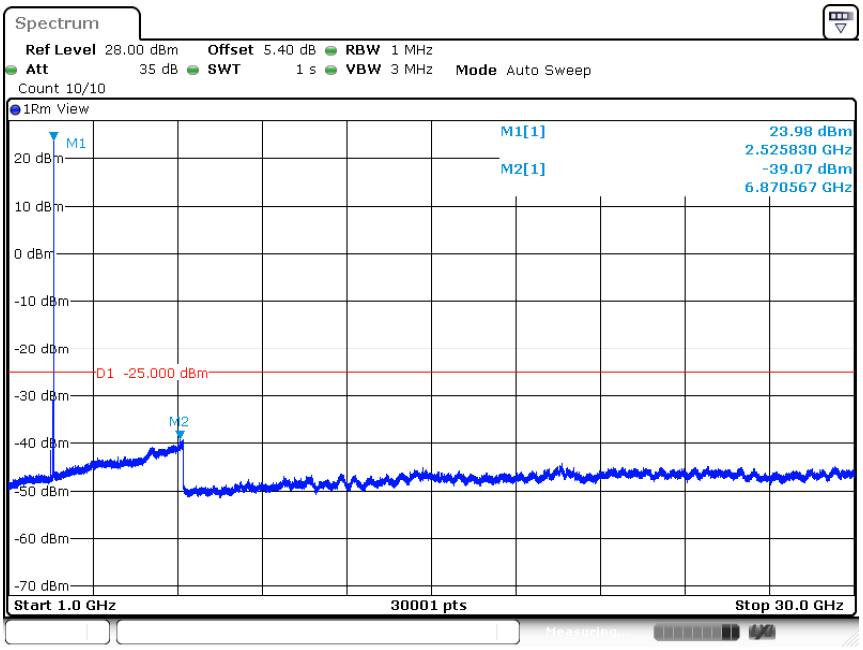
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 8.DEC.2020 23:11:35

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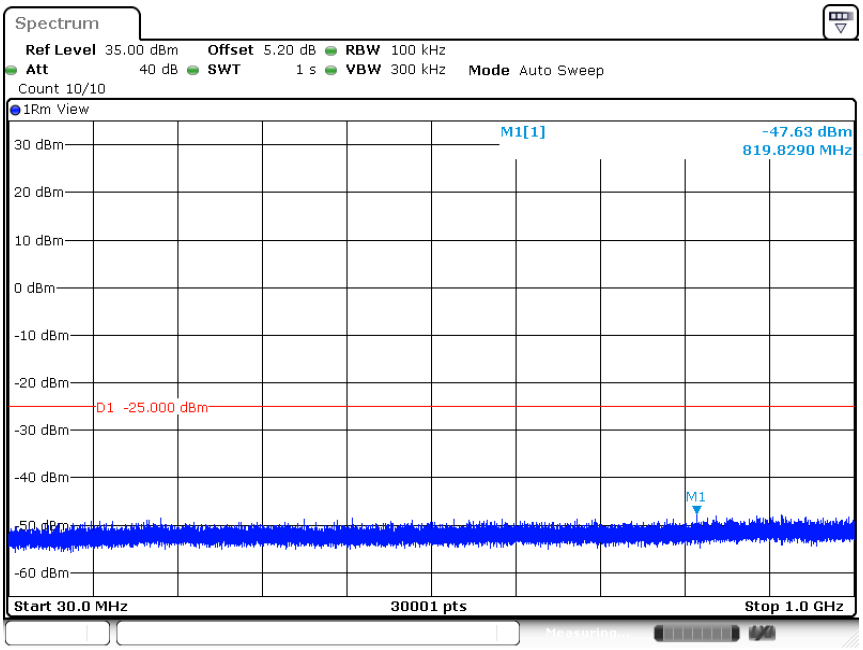

Date: 8.DEC.2020 23:12:29

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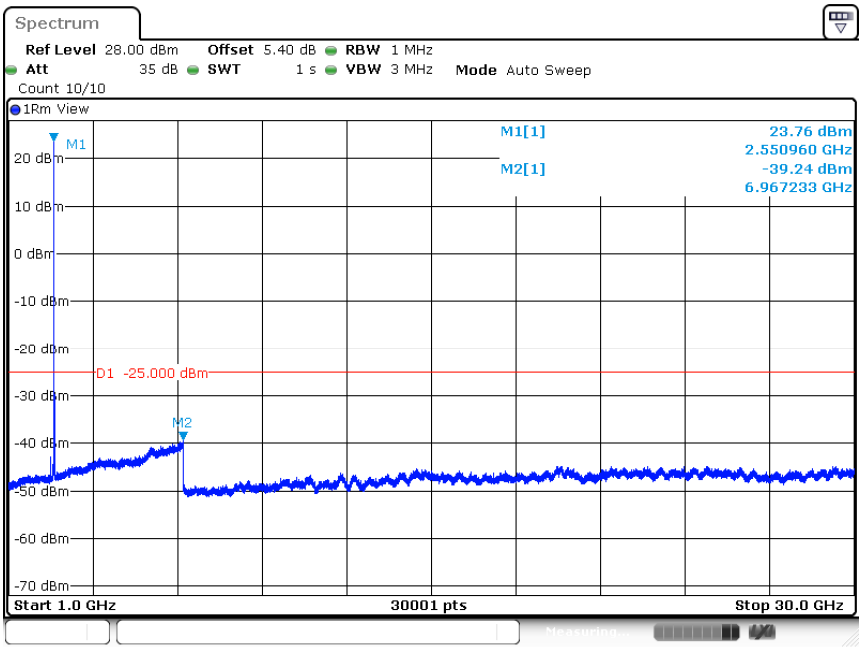
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 8.DEC.2020 23:12:45

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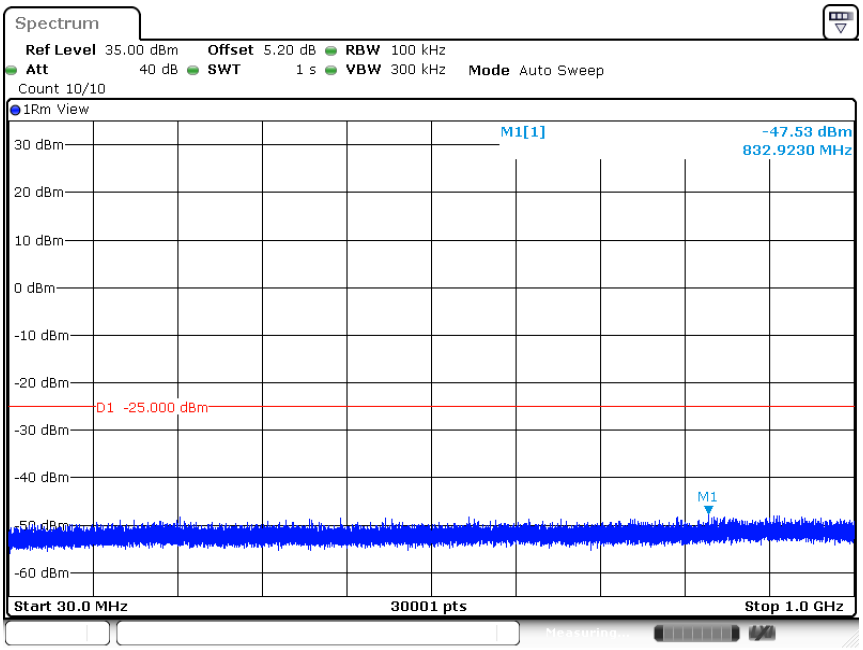

Date: 9.DEC.2020 00:44:27

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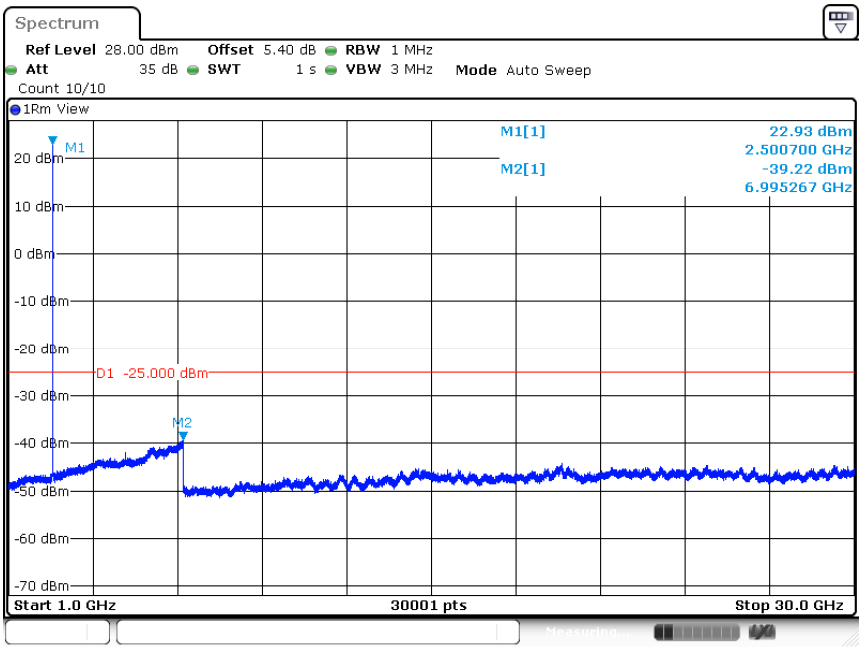
Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 9.DEC.2020 00:44:43

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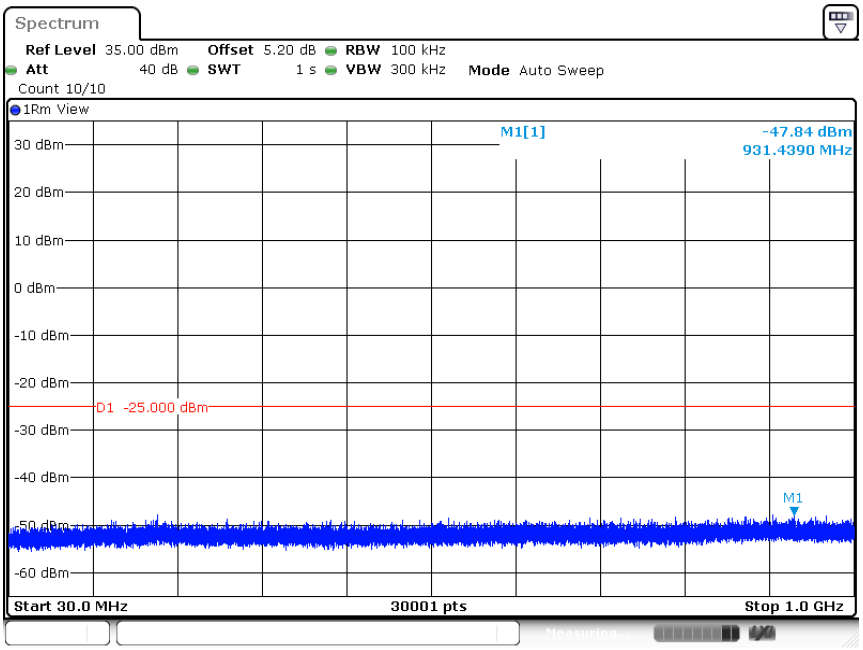

Date: 9.DEC.2020 00:45:02

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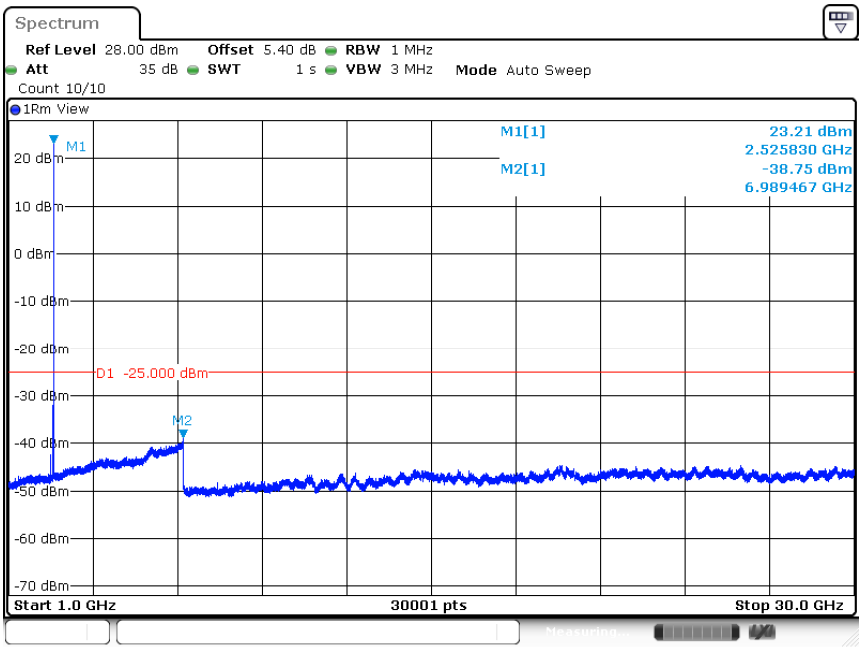

Date: 9.DEC.2020 00:45:19

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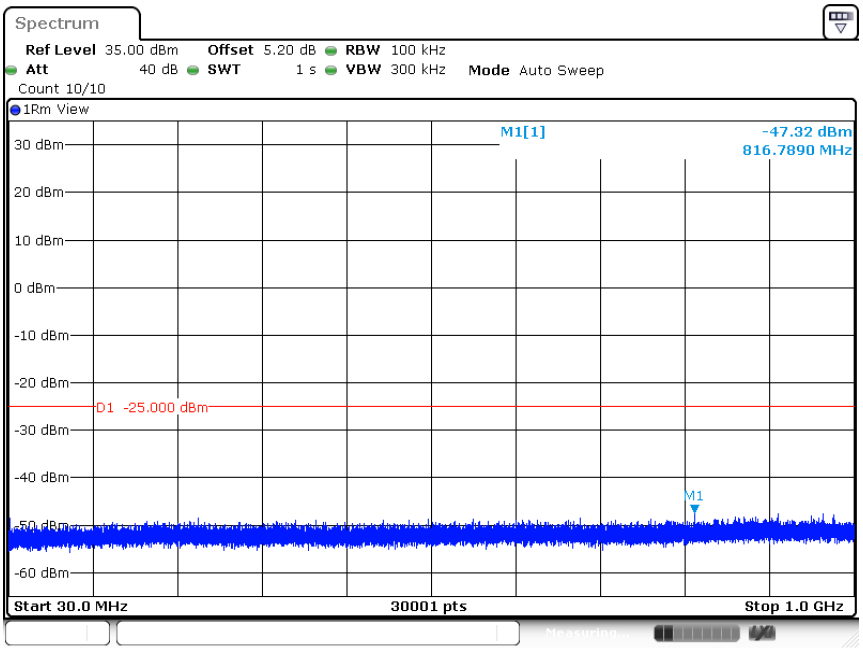

Date: 9.DEC.2020 00:45:38

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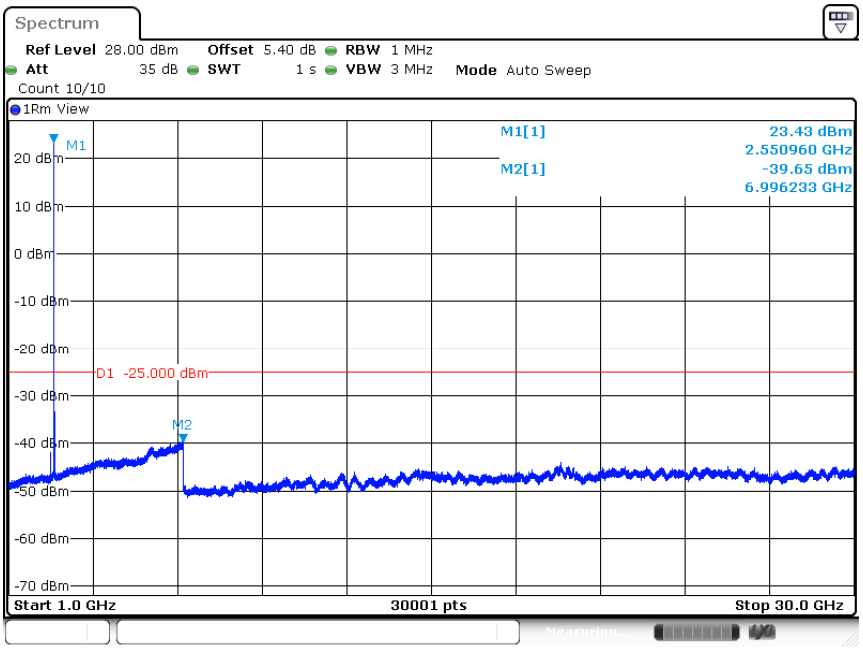

Date: 9.DEC.2020 00:45:54

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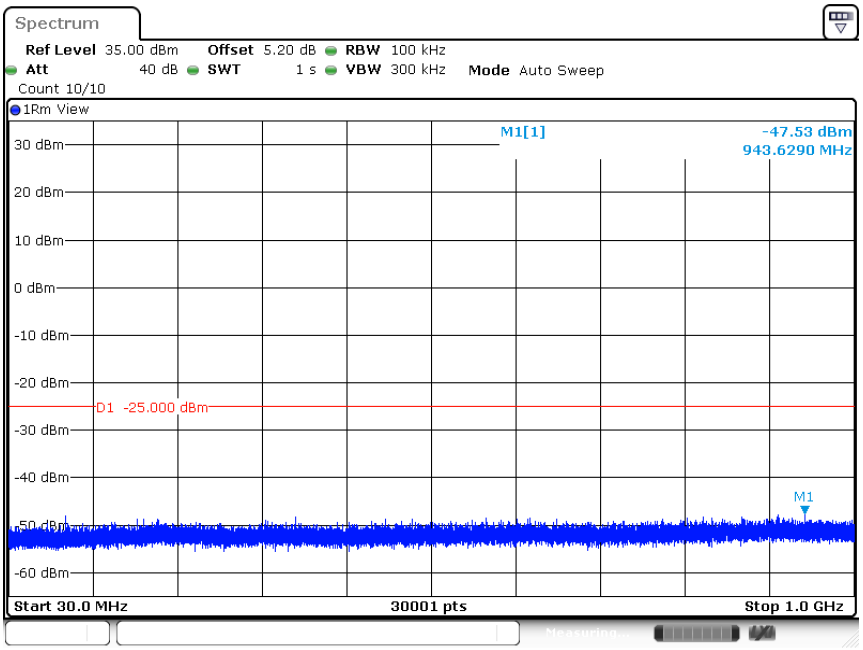

Date: 8.DEC.2020 23:10:44

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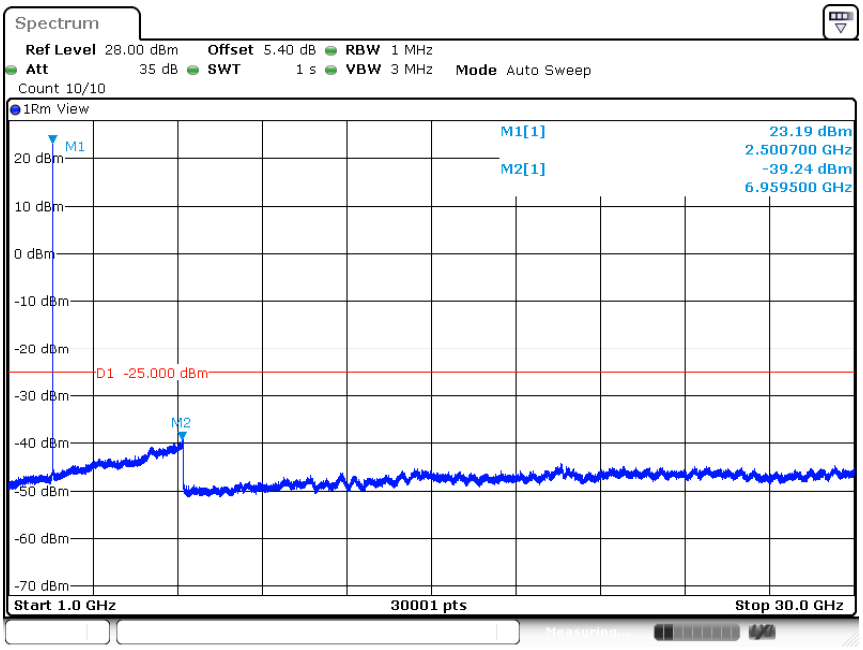
Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 8.DEC.2020 23:11:00

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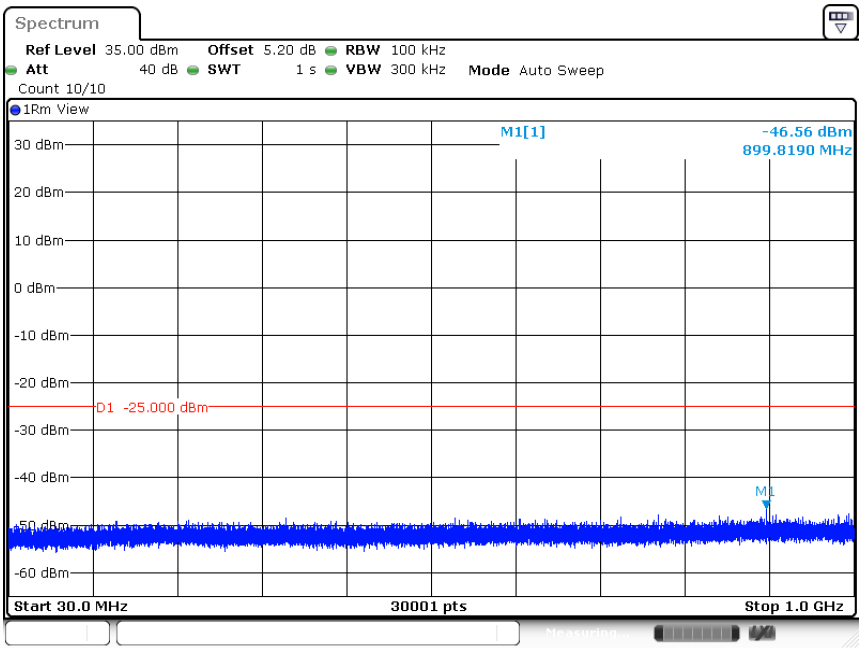

Date: 8.DEC.2020 23:11:54

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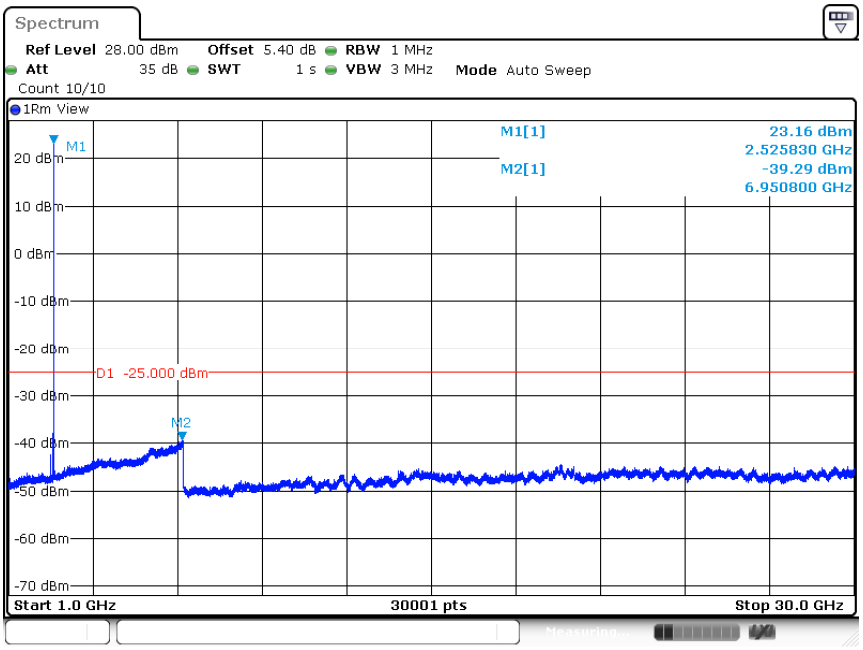

Date: 8.DEC.2020 23:12:10

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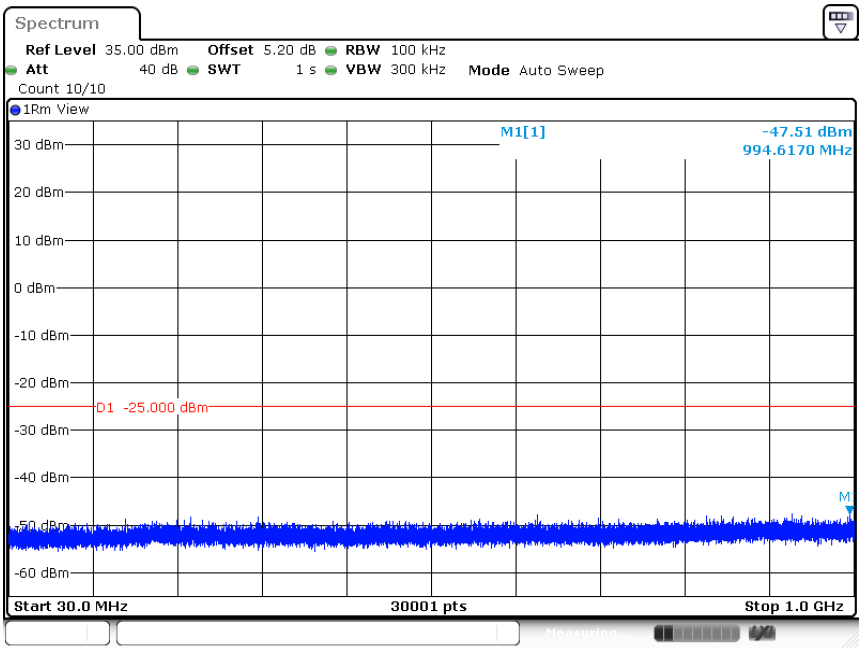

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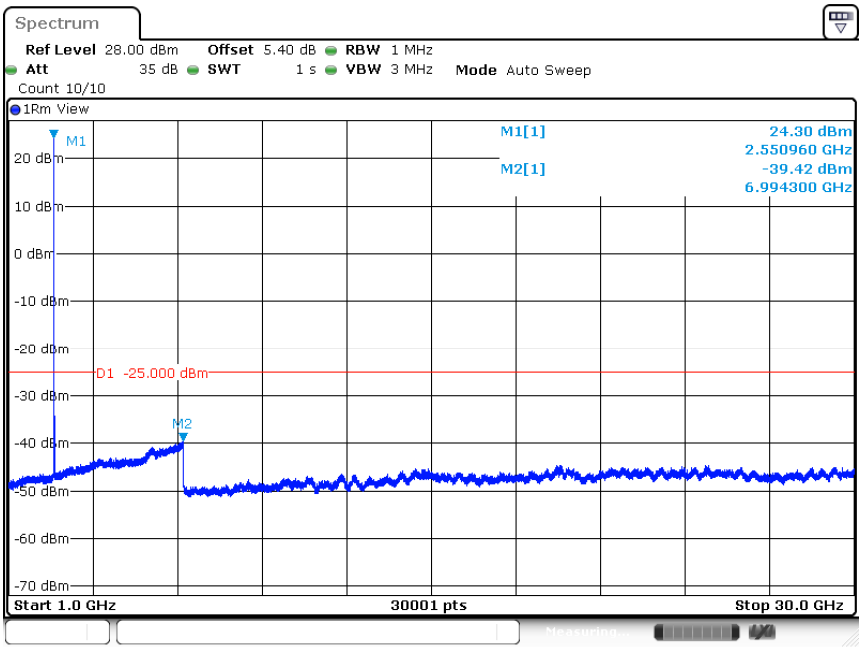

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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7(ANT4)

7.1.1.Test Mode =LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.800000	-79.44	-25.00	54.44	Vertical
125.000000	-83.10	-25.00	58.10	Vertical
345.200000	-84.07	-25.00	59.07	Vertical
4306.175000	-65.02	-25.00	40.02	Vertical
6145.025000	-63.45	-25.00	38.45	Vertical
10004.400000	-58.93	-25.00	33.93	Vertical
62.050000	-75.55	-25.00	50.55	Horizontal
159.350000	-86.27	-25.00	61.27	Horizontal
468.470833	-83.18	-25.00	58.18	Horizontal
4311.700000	-64.98	-25.00	39.98	Horizontal
6030.625000	-63.56	-25.00	38.56	Horizontal
10004.400000	-58.25	-25.00	33.25	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.900000	-79.27	-25.00	54.27	Vertical
125.000000	-83.37	-25.00	58.37	Vertical
341.400000	-84.51	-25.00	59.51	Vertical
4946.750000	-65.38	-25.00	40.38	Vertical
7201.275000	-62.65	-25.00	37.65	Vertical
10104.175000	-59.96	-25.00	34.96	Vertical
56.800000	-75.96	-25.00	50.96	Horizontal
88.700000	-85.51	-25.00	60.51	Horizontal
205.900000	-85.49	-25.00	60.49	Horizontal
4370.850000	-65.02	-25.00	40.02	Horizontal
6175.575000	-63.36	-25.00	38.36	Horizontal
10104.500000	-58.50	-25.00	33.50	Horizontal

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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.200000	-79.16	-25.00	54.16	Vertical
125.000000	-83.79	-25.00	58.79	Vertical
343.800000	-84.70	-25.00	59.70	Vertical
4387.750000	-65.39	-25.00	40.39	Vertical
7072.250000	-62.69	-25.00	37.69	Vertical
10204.275000	-58.31	-25.00	33.31	Vertical
63.150000	-74.76	-25.00	49.76	Horizontal
89.150000	-85.20	-25.00	60.20	Horizontal
252.900000	-85.73	-25.00	60.73	Horizontal
4945.450000	-65.15	-25.00	40.15	Horizontal
7041.375000	-62.63	-25.00	37.63	Horizontal
10204.275000	-57.38	-25.00	32.38	Horizontal

7.2. Test Band = LTE Band 7(ANT3)

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
65.300000	-79.43	-25.00	54.43	Vertical
104.300000	-77.31	-25.00	52.31	Vertical
316.950000	-83.78	-25.00	58.78	Vertical
5002.325000	-58.69	-25.00	33.69	Vertical
7503.200000	-44.52	-25.00	19.52	Vertical
10004.400000	-59.26	-25.00	34.26	Vertical
55.600000	-75.28	-25.00	50.28	Horizontal
159.350000	-82.92	-25.00	57.92	Horizontal
333.700000	-83.38	-25.00	58.38	Horizontal
5002.000000	-61.22	-25.00	36.22	Horizontal
7503.200000	-43.71	-25.00	18.71	Horizontal
12505.600000	-58.05	-25.00	33.05	Horizontal

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7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.500000	-79.36	-25.00	54.36	Vertical
104.250000	-77.18	-25.00	52.18	Vertical
328.150000	-82.51	-25.00	57.51	Vertical
5052.050000	-57.37	-25.00	32.37	Vertical
7578.275000	-45.12	-25.00	20.12	Vertical
10104.175000	-57.91	-25.00	32.91	Vertical
56.300000	-75.03	-25.00	50.03	Horizontal
89.550000	-80.16	-25.00	55.16	Horizontal
159.400000	-83.24	-25.00	58.24	Horizontal
5052.050000	-59.85	-25.00	34.85	Horizontal
7578.275000	-41.24	-25.00	16.25	Horizontal
12630.725000	-57.89	-25.00	32.89	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.600000	-79.40	-25.00	54.40	Vertical
125.000000	-82.61	-25.00	57.61	Vertical
335.200000	-83.66	-25.00	58.66	Vertical
5102.100000	-63.77	-25.00	38.77	Vertical
7653.025000	-56.11	-25.00	31.11	Vertical
10204.275000	-53.75	-25.00	28.75	Vertical
56.100000	-75.53	-25.00	50.53	Horizontal
92.400000	-80.52	-25.00	55.52	Horizontal
304.350000	-81.78	-25.00	56.78	Horizontal
5101.775000	-61.97	-25.00	36.97	Horizontal
7653.350000	-57.24	-25.00	32.24	Horizontal
10614.100000	-60.50	-25.00	35.50	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

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	0.20	0.000080	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	2.30	0.000916	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	1.20	0.000478	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-7.30	-0.002880	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-4.00	-0.001578	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-5.80	-0.002288	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	7.50	0.002930	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	0.80	0.000313	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	3.50	0.001367	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	4.10	0.001633	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	4.70	0.001873	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	6.80	0.002709	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	3.20	0.001262	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-3.80	-0.001499	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	8.90	0.003477	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	5.10	0.001992	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	2.90	0.001133	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	2.00	0.000797	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	1.50	0.000598	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	1.90	0.000757	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	58.30	0.022998	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	56.10	0.022130	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	66.40	0.026193	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	18.60	0.007266	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	17.80	0.006953	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	15.50	0.006055	±2.5	PASS

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8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-4.80	-0.001912	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	1.20	0.000478	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	12.90	0.005139	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	0.20	0.000080	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	9.90	0.003944	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-0.50	-0.000199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	3.60	0.001434	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	0.50	0.000199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	1.50	0.000598	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	6.00	0.002367	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.40	-0.002130	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-5.10	-0.002012	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-3.30	-0.001302	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-4.20	-0.001657	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-7.30	-0.002880	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-4.80	-0.001893	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-9.60	-0.003787	±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	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-0.20	-0.000078	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	2.00	0.000781	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	5.80	0.002266	±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	30	-0.90	-0.000352	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	9.40	0.003672	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	4.80	0.001875	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-1.20	-0.000478	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	9.50	0.003785	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	3.30	0.001315	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	2.10	0.000837	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	5.00	0.001992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	9.40	0.003745	±2.5	PASS

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Band7	20MHz	16QAM	20850	100RB#0	NV	30	7.20	0.002869	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	4.60	0.001833	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-5.30	-0.002091	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-0.20	-0.000079	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-6.50	-0.002564	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-2.70	-0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	2.60	0.001026	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-1.10	-0.000434	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	1.00	0.000394	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	6.20	0.002422	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-1.30	-0.000508	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	1.90	0.000742	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-0.50	-0.000195	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	4.00	0.001563	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	6.90	0.002695	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	2.50	0.000977	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-1.60	-0.000625	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	3.20	0.001250	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	3.70	0.001474	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	3.40	0.001355	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	4.80	0.001912	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	1.50	0.000598	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	0.80	0.000319	±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	30	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	2.70	0.001076	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	3.50	0.001394	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	29.30	0.011558	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	40.10	0.015819	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	65.60	0.025878	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	70.60	0.027850	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	46.60	0.018383	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	49.90	0.019684	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	36.90	0.014556	±2.5	PASS

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Band7	20MHz	64QAM	21100	100RB#0	NV	40	64.30	0.025365	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	63.80	0.025168	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	18.00	0.007031	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	22.00	0.008594	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	17.80	0.006953	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	22.70	0.008867	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	28.10	0.010977	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	28.70	0.011211	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	19.40	0.007578	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	0.70	0.000273	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	4.00	0.001563	±2.5	PASS

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