Appendix B

E-UTRA Band 7

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT13:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.91	20.87	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.88	20.84	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.86	20.82	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.94	19.90	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.94	19.90	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.90	19.86	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.97	19.93	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.74	20.70	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.72	20.68	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.78	20.74	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.65	19.61	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.73	19.69	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.72	19.68	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.69	19.65	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.02	20.98	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.87	20.83	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.04	21.00	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.88	19.84	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.89	19.85	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.89	19.85	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.88	19.84	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.81	19.77	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.76	19.72	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.91	19.87	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.98	18.94	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.91	18.87	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.94	18.90	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.94	18.90	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.63	19.59	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.06	20.02	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.07	20.03	33.00	PASS

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Band7	5MHz	16QAM	21100	12RB#0	20.77	18.73	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.77	18.73	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.75	18.71	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.71	18.67	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.27	20.23	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.03	19.99	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.26	20.22	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.93	18.89	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.87	18.83	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.85	18.81	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.94	18.90	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.76	18.72	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.74	18.70	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.85	18.81	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.44	18.40	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.21	18.17	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.42	18.38	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.51	18.47	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.86	18.82	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.82	18.78	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.90	18.86	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.97	17.93	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.07	18.03	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.27	18.23	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.15	18.11	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.08	19.04	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.92	18.88	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.07	19.03	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.24	18.20	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.38	18.34	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.29	18.25	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.13	18.09	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.89	20.85	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.87	20.83	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.92	20.88	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.92	19.88	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.88	19.84	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.98	19.94	33.00	PASS

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Band7	10MHz	QPSK	20800	50RB#0	21.93	19.89	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.68	20.64	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.74	20.70	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.77	20.73	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.80	19.76	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.71	19.67	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.73	19.69	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.74	19.70	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.82	20.78	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.95	20.91	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.95	20.91	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.90	19.86	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.91	19.87	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.95	19.91	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.89	19.85	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.88	19.84	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.23	20.19	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.23	20.19	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.87	18.83	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.03	18.99	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.92	18.88	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.93	18.89	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.57	19.53	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.95	19.91	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.78	19.74	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.73	18.69	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.74	18.70	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.76	18.72	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.72	18.68	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.21	20.17	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.94	19.90	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.20	20.16	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.95	18.91	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.90	18.86	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.99	18.95	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.87	18.83	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.76	18.72	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.82	18.78	33.00	PASS

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Band7	10MHz	64QAM	20800	25RB#0	20.22	18.18	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.14	18.10	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.42	18.38	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.29	18.25	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.73	18.69	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.80	18.76	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.87	18.83	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.27	18.23	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.22	18.18	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.06	18.02	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.06	18.02	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.90	18.86	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.82	18.78	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.81	18.77	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.37	18.33	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.19	18.15	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.31	18.27	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.34	18.30	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.07	21.03	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.03	20.99	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.82	20.78	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.90	19.86	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.93	19.89	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.95	19.91	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.94	19.90	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.76	20.72	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.85	20.81	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.90	20.86	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.76	19.72	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.73	19.69	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.71	19.67	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.82	19.78	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.88	20.84	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.76	20.72	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.91	20.87	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.82	19.78	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.98	19.94	33.00	PASS

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Band7	15MHz	QPSK	21375	38RB#37	21.93	19.89	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.98	19.94	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.95	19.91	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.23	20.19	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.94	19.90	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.96	18.92	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.95	18.91	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.90	18.86	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.92	18.88	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.74	19.70	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.93	19.89	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.01	19.97	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.80	18.76	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.78	18.74	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.76	18.72	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.73	18.69	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.84	19.80	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.25	20.21	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.09	20.05	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.93	18.89	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.88	18.84	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.91	18.87	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.92	18.88	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.09	19.05	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.97	18.93	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.70	18.66	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.19	18.15	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.34	18.30	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.20	18.16	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.33	18.29	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.82	18.78	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.94	18.90	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.99	18.95	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.10	18.06	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	19.99	17.95	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.08	18.04	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.29	18.25	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.97	18.93	33.00	PASS

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Band7	15MHz	64QAM	21375	1RB#38	20.63	18.59	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.88	18.84	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.33	18.29	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.24	18.20	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.43	18.39	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.30	18.26	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.06	21.02	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.82	20.78	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.84	20.80	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.86	19.82	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.97	19.93	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.96	19.92	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.89	19.85	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.77	20.73	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.75	20.71	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.97	20.93	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.77	19.73	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.82	19.78	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.77	19.73	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.80	19.76	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.64	20.60	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.05	21.01	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.87	20.83	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.81	19.77	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.96	19.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.99	19.95	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.87	19.83	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.21	20.17	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.97	19.93	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.85	19.81	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.92	18.88	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.00	18.96	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.97	18.93	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.92	18.88	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.92	19.88	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.02	19.98	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.06	20.02	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.69	18.65	33.00	PASS

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Band7	20MHz	16QAM	21100	50RB#25	20.85	18.81	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.78	18.74	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.70	18.66	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.73	19.69	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.26	20.22	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.03	19.99	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.81	18.77	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.89	18.85	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.95	18.91	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.90	18.86	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.06	19.02	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.83	18.79	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.76	18.72	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.37	18.33	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.39	18.35	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.31	18.27	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.24	18.20	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.87	18.83	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.88	18.84	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.05	19.01	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.19	18.15	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.27	18.23	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.28	18.24	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.11	18.07	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.77	18.73	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.01	18.97	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.83	18.79	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.10	18.06	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.33	18.29	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.24	18.20	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.28	18.24	33.00	PASS

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ANT31:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.81	20.50	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.76	20.45	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.84	20.53	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.85	19.54	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.81	19.50	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.81	19.50	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.85	19.54	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.46	20.15	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.60	20.29	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.67	20.36	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.52	19.21	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.52	19.21	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.50	19.19	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.51	19.20	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.59	20.28	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.67	20.36	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.72	20.41	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.69	19.38	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.65	19.34	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.61	19.30	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.69	19.38	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.20	19.89	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.62	19.31	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.26	19.95	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.86	18.55	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.77	18.46	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.80	18.49	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.84	18.53	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.91	19.60	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.66	19.35	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.49	19.18	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.52	18.21	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.57	18.26	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.53	18.22	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.56	18.25	33.00	PASS

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Band7	5MHz	16QAM	21425	1RB#0	21.75	19.44	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.88	19.57	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.77	19.46	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.56	18.25	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.69	18.38	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.63	18.32	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.66	18.35	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.68	18.37	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.64	18.33	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.60	18.29	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.91	17.60	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.90	17.59	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.88	17.57	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.87	17.56	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.53	18.22	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.62	18.31	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.57	18.26	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.45	17.14	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.44	17.13	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.58	17.27	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.59	17.28	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.55	18.24	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.74	18.43	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.68	18.37	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.73	17.42	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.74	17.43	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.62	17.31	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.78	17.47	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.78	20.47	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.78	20.47	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.67	20.36	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.77	19.46	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.75	19.44	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.85	19.54	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.84	19.53	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.42	20.11	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.68	20.37	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.56	20.25	33.00	PASS

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Band7	10MHz	QPSK	21100	25RB#0	21.53	19.22	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.48	19.17	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.59	19.28	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.59	19.28	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.63	20.32	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.65	20.34	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.59	20.28	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.61	19.30	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.66	19.35	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.68	19.37	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.68	19.37	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.76	19.45	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.76	19.45	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.85	19.54	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.76	18.45	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.86	18.55	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.76	18.45	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.76	18.45	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.59	19.28	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.53	19.22	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.65	19.34	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.50	18.19	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.55	18.24	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.66	18.35	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.51	18.20	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.77	19.46	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.81	19.50	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.14	19.83	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.67	18.36	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.68	18.37	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.70	18.39	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.57	18.26	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.62	18.31	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.67	18.36	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.75	18.44	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.78	17.47	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.66	17.35	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.79	17.48	33.00	PASS

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Band7	10MHz	64QAM	20800	50RB#0	19.91	17.60	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.36	18.05	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.62	18.31	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.57	18.26	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.54	17.23	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.48	17.17	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.52	17.21	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.61	17.30	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.59	18.28	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.73	18.42	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.52	18.21	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.61	17.30	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.60	17.29	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.72	17.41	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.78	17.47	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.84	20.53	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.86	20.55	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.54	20.23	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.75	19.44	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.71	19.40	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.79	19.48	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.75	19.44	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.49	20.18	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.49	20.18	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.65	20.34	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.59	19.28	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.57	19.26	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.51	19.20	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.52	19.21	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.42	20.11	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.63	20.32	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.63	20.32	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.62	19.31	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.65	19.34	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.67	19.36	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.71	19.40	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.78	19.47	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.77	19.46	33.00	PASS

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Band7	15MHz	16QAM	20825	1RB#74	21.79	19.48	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.75	18.44	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.84	18.53	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.74	18.43	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.75	18.44	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.83	19.52	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.02	19.71	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.45	19.14	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.55	18.24	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.60	18.29	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.50	18.19	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.51	18.20	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.82	19.51	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.76	19.45	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.17	19.86	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.67	18.36	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.63	18.32	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.74	18.43	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.66	18.35	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.61	18.30	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.70	18.39	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.44	18.13	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	19.85	17.54	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	19.72	17.41	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	19.88	17.57	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.65	17.34	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.53	18.22	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.59	18.28	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.75	18.44	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	19.59	17.28	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	19.63	17.32	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	19.50	17.19	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.48	17.17	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.36	18.05	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.58	18.27	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.69	18.38	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	19.69	17.38	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	19.58	17.27	33.00	PASS

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Band7	15MHz	64QAM	21375	38RB#37	19.62	17.31	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.79	17.48	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.73	20.42	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.74	20.43	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.60	20.29	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.72	19.41	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.76	19.45	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.85	19.54	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.73	19.42	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.37	20.06	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.50	20.19	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.48	20.17	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.54	19.23	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.59	19.28	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.51	19.20	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.53	19.22	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.36	20.05	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.61	20.30	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.71	20.40	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.67	19.36	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.64	19.33	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.65	19.34	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.64	19.33	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.08	19.77	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.85	19.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.79	19.48	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.74	18.43	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.75	18.44	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.77	18.46	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.75	18.44	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.46	19.15	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.41	19.10	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.99	19.68	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.51	18.20	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.57	18.26	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.50	18.19	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.58	18.27	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.37	19.06	33.00	PASS

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Band7	20MHz	16QAM	21350	1RB#49	21.55	19.24	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.88	19.57	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.72	18.41	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.69	18.38	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.65	18.34	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.62	18.31	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.63	18.32	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.65	18.34	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.57	18.26	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.81	17.50	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.82	17.51	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.91	17.60	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.77	17.46	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.37	18.06	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.57	18.26	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.39	18.08	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.54	17.23	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.55	17.24	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	19.59	17.28	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.48	17.17	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.43	18.12	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	20.71	18.40	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.72	18.41	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.76	17.45	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.65	17.34	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.68	17.37	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.56	17.25	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator

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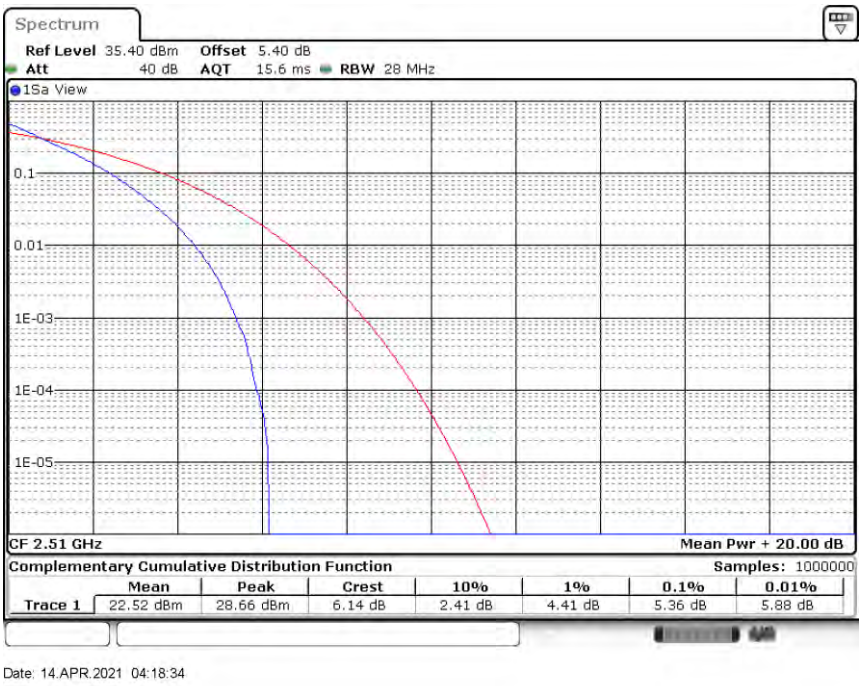
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	5.36	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.42	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.64	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.12	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.12	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.74	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.74	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.23	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.39	13	PASS

2.2. Test Plots

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



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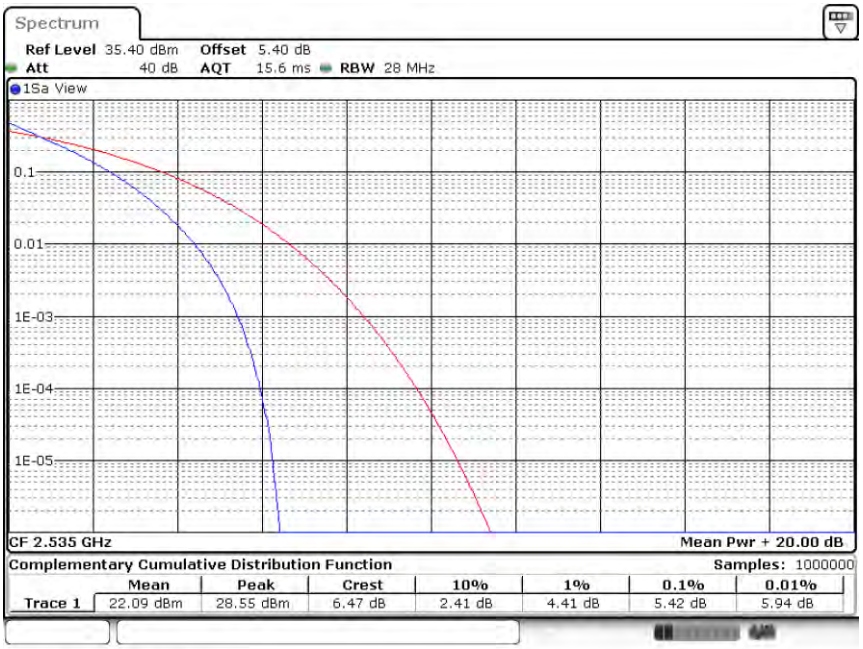
Band7-20MHz-QPSK-21100-100RB#0



Date: 14.APR.2021 04:18:58

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

Date: 14.APR.2021 04:19:20

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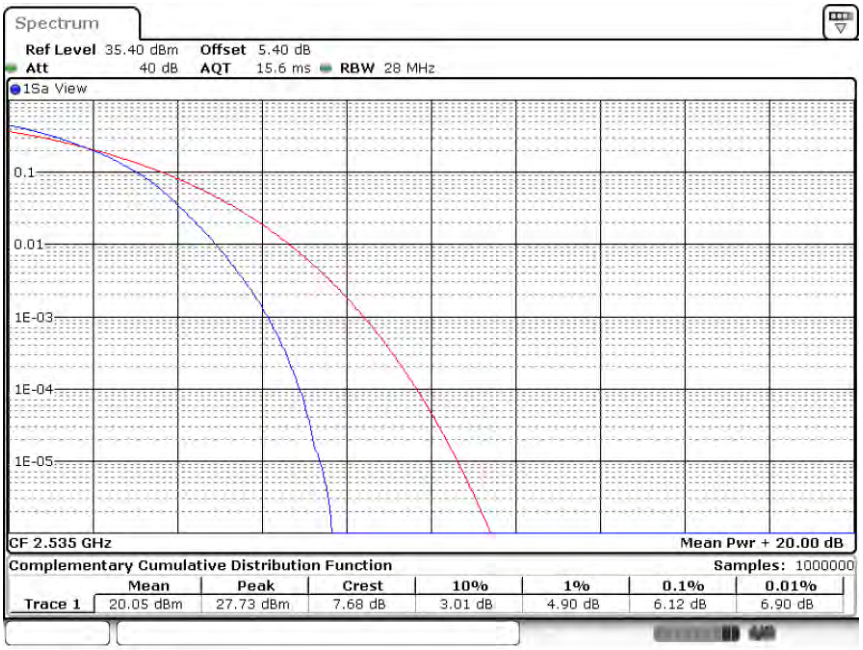
Band7-20MHz-64QAM-20850-100RB#0

Date: 14.APR.2021 04:54:40

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



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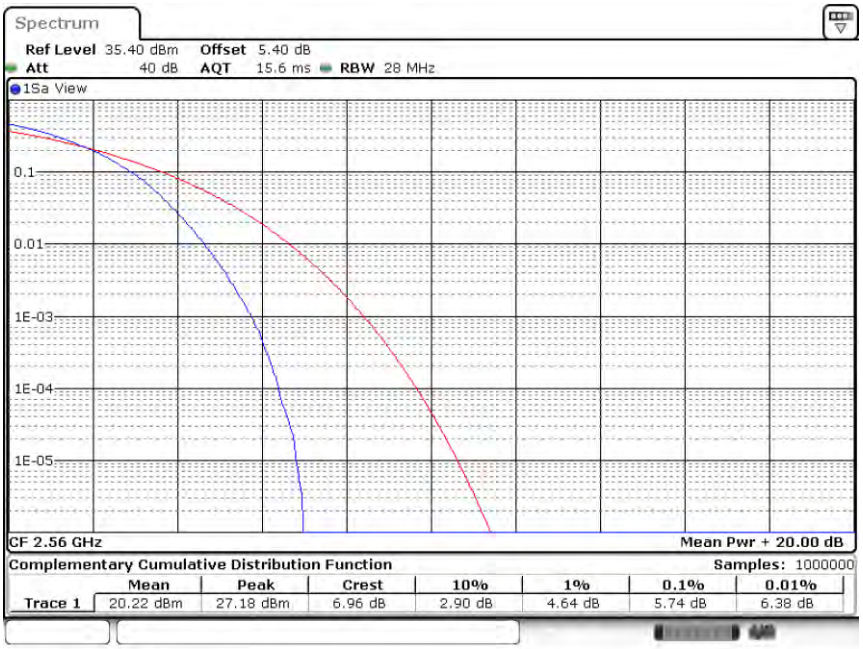
Band7-20MHz-64QAM-21350-100RB#0



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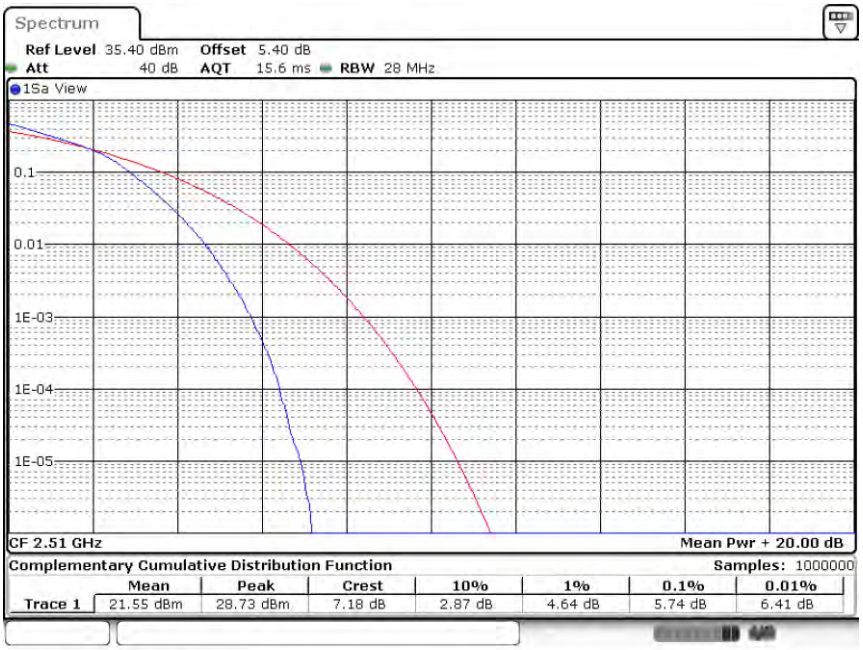
Band7-20MHz-16QAM-20850-100RB#0



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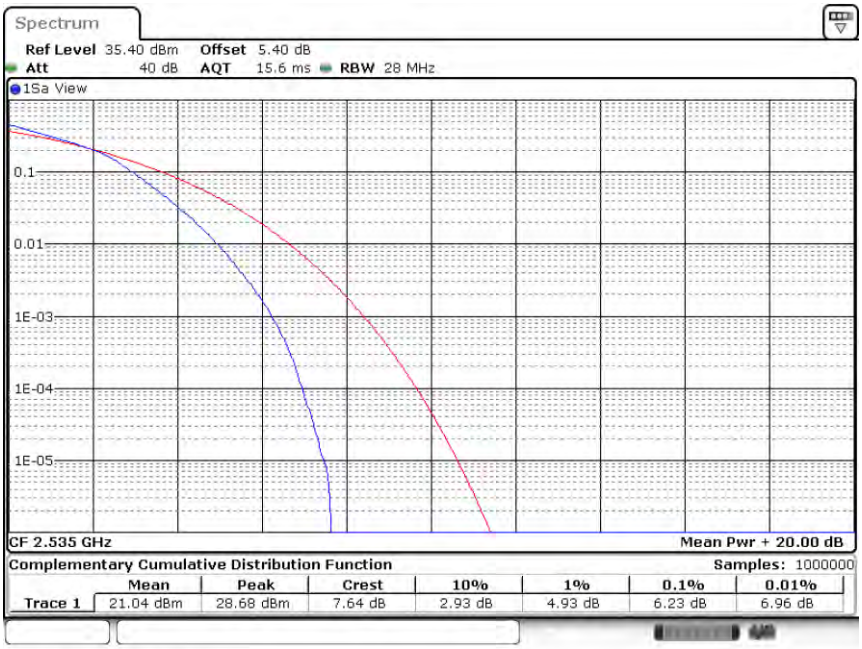
Band7-20MHz-16QAM-21100-100RB#0



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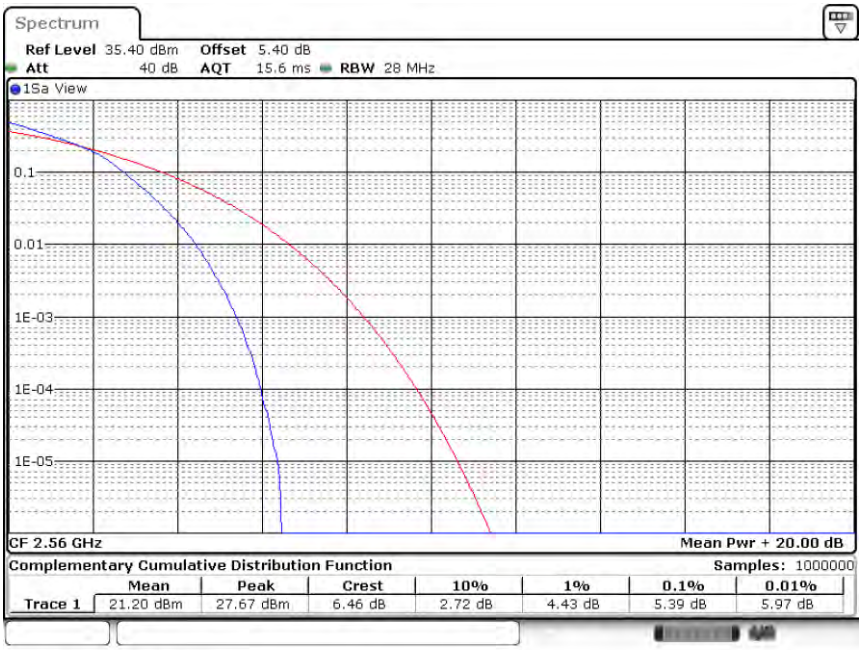
Band7-20MHz-16QAM-21350-100RB#0



Date: 14.APR.2021 04:19:32

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

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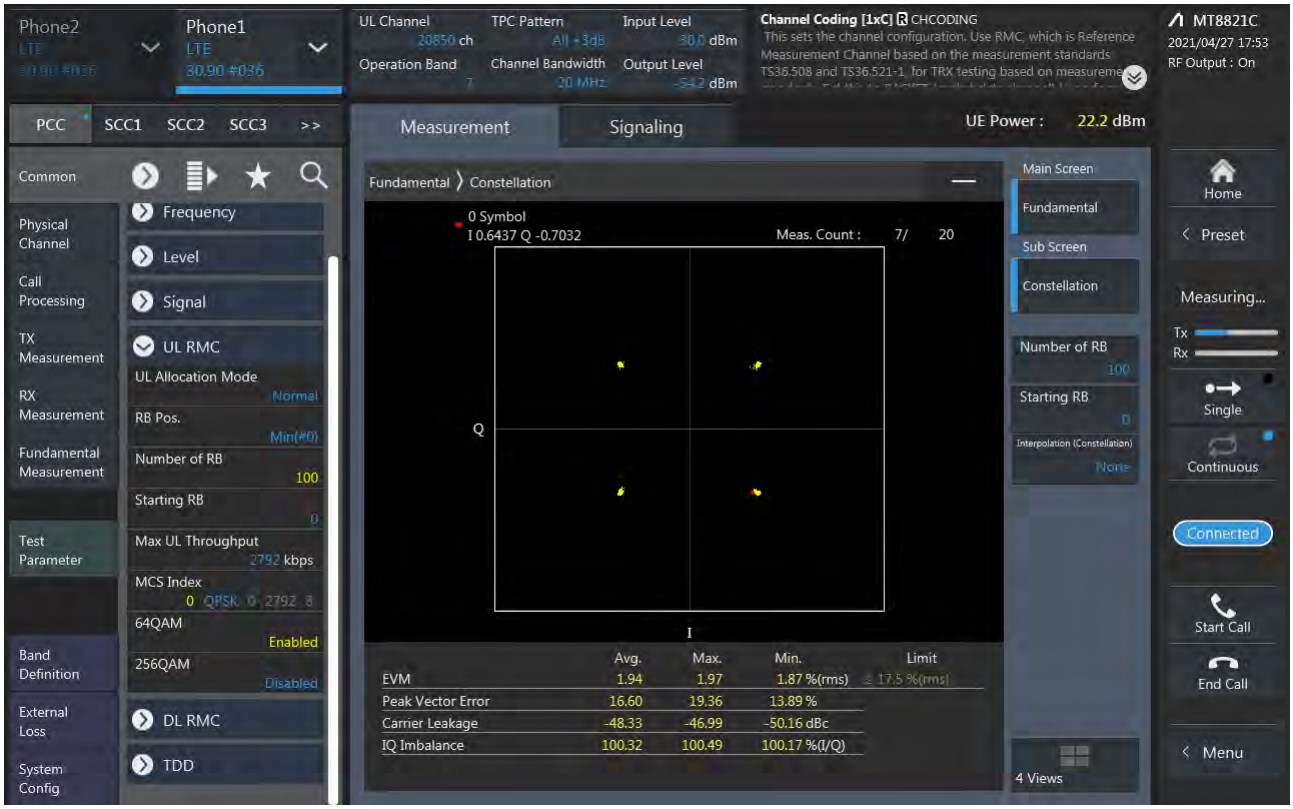
3. Modulation Characteristics

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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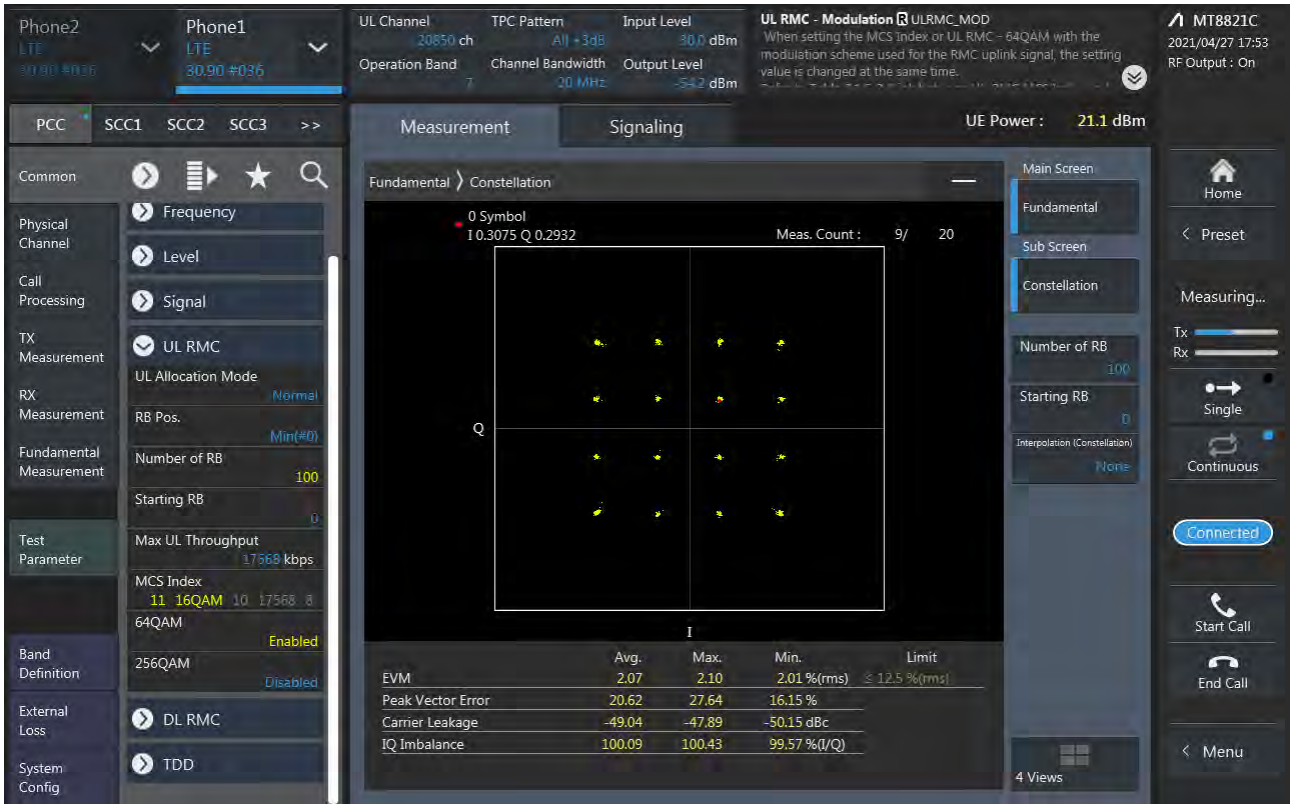
3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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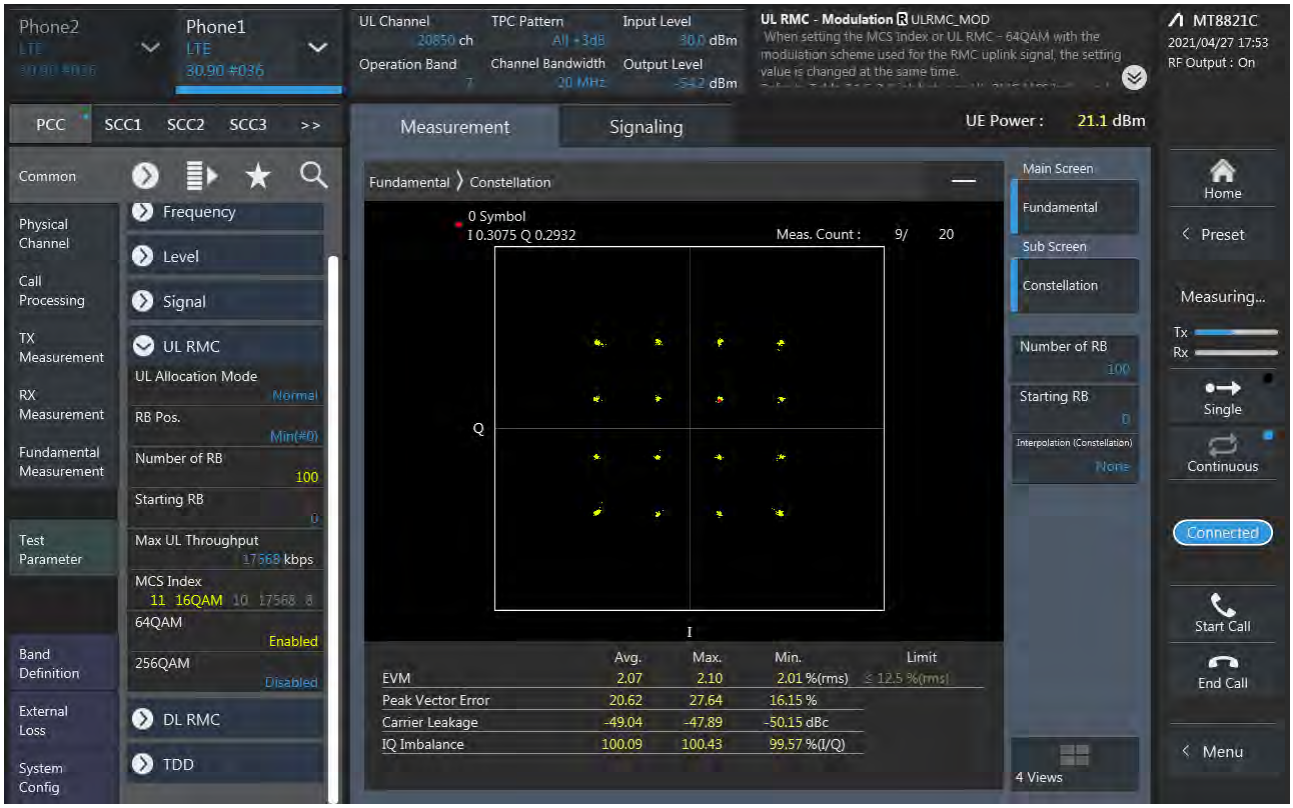
3.1.3. Test Mode = LTE /TM3 20MHz

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	4.466	4.880	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.466	4.860	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.850	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.850	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.860	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.850	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.850	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.880	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.476	4.900	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.660	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.911	9.640	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.640	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.620	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.931	9.600	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.911	9.580	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.700	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.680	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.911	9.700	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.730	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.850	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.487	14.820	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	14.820	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.820	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.457	14.820	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.820	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	14.790	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	14.760	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.902	19.440	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.902	19.400	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.942	19.600	PASS

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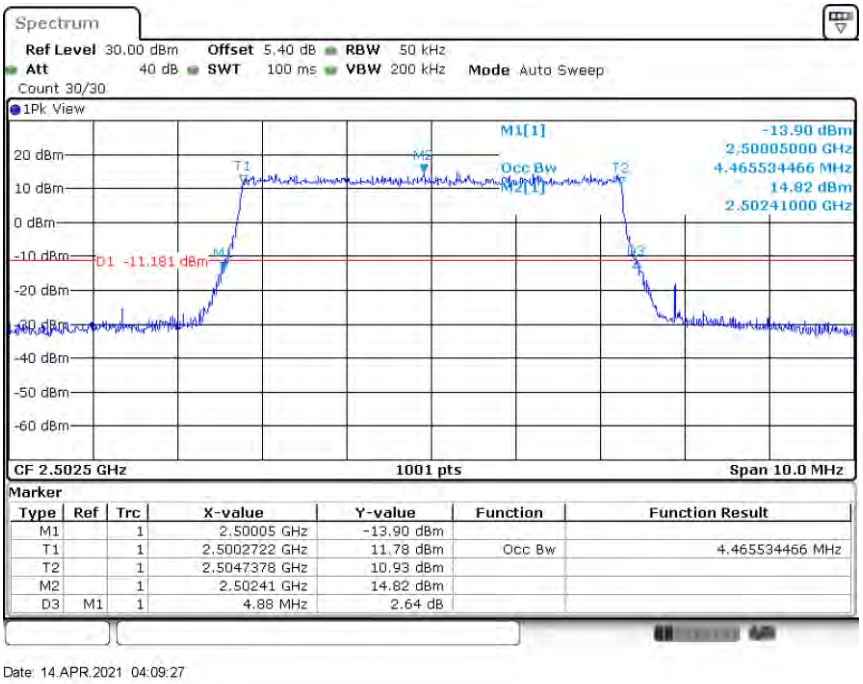
Band7	20MHz	64QAM	20850	100RB#0	17.862	19.320	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.902	19.280	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.320	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.360	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.902	19.360	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.902	19.360	PASS

4.2. Test Plots

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



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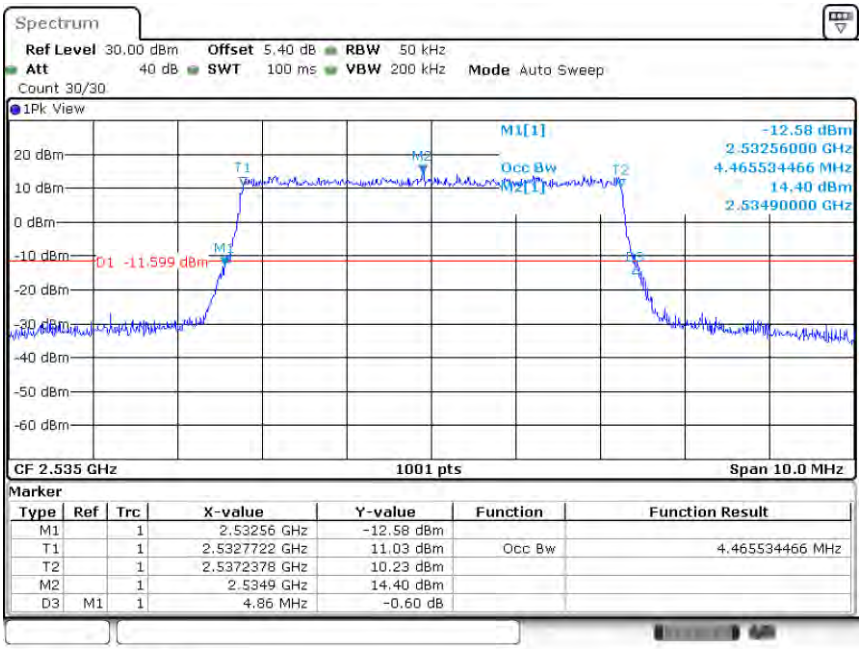
Band7-5MHz-QPSK-21100-25RB#0-4.466



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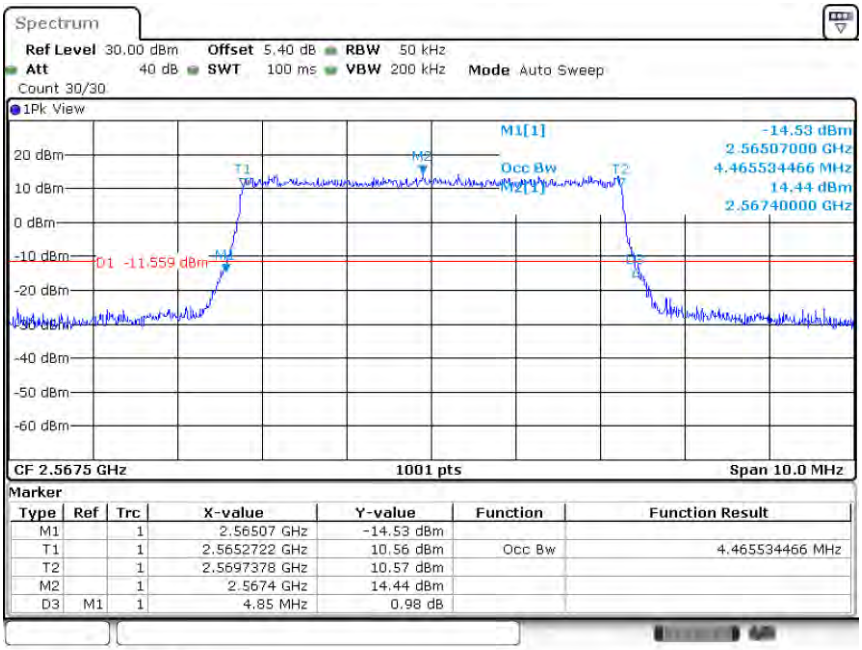
Band7-5MHz-QPSK-21425-25RB#0-4.466



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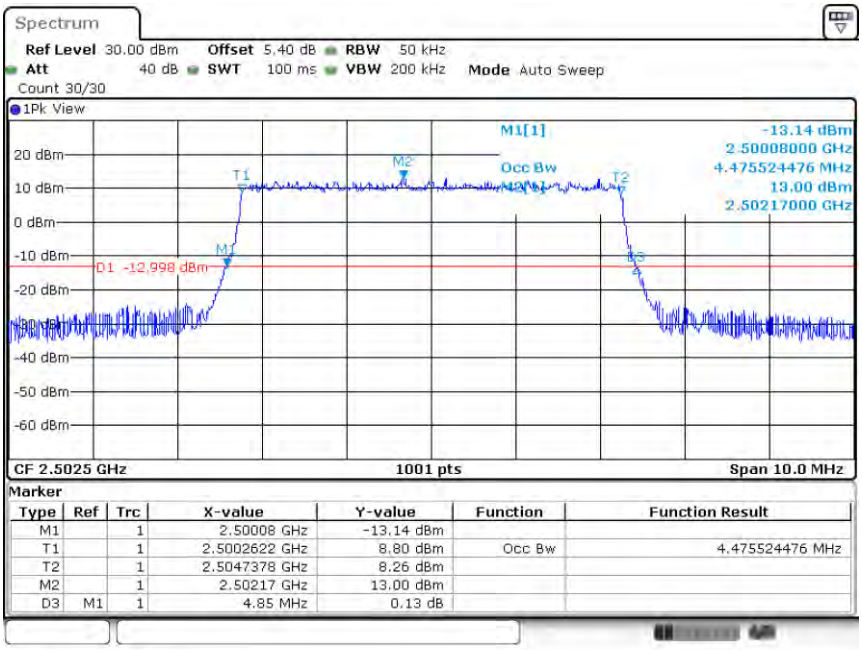
Band7-5MHz-64QAM-20775-25RB#0-4.476

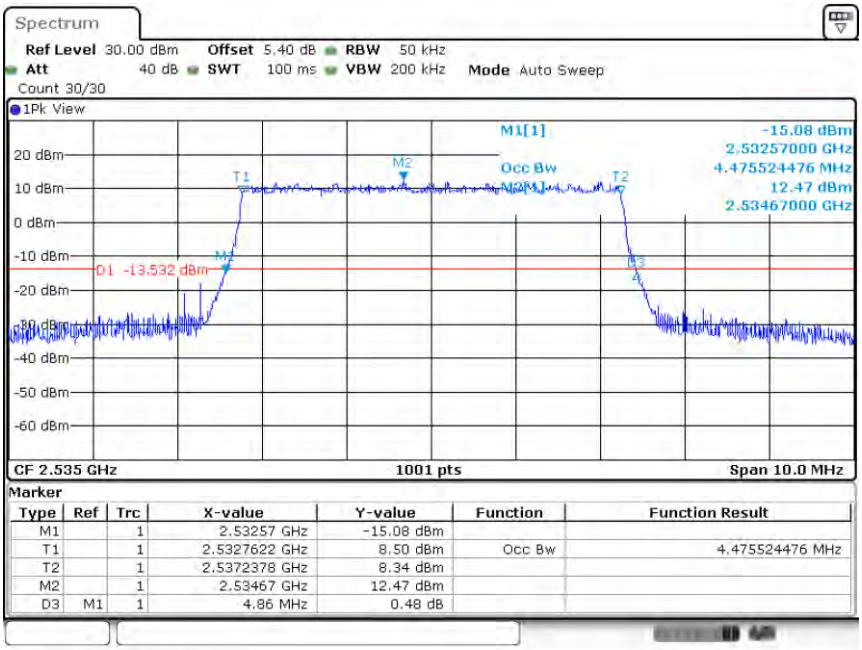


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50008 GHz	-13.14 dBm		
T1		1	2.5002622 GHz	8.80 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5047378 GHz	8.26 dBm		
M2		1	2.50217 GHz	13.00 dBm		
D3	M1	1	4.85 MHz	0.13 dB		

Date: 14.APR.2021 04:49:53

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.53257 GHz	-15.08 dBm		
T1		1	2.5327622 GHz	8.50 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5372378 GHz	8.34 dBm		
M2		1	2.53467 GHz	12.47 dBm		
D3	M1	1	4.86 MHz	0.48 dB		

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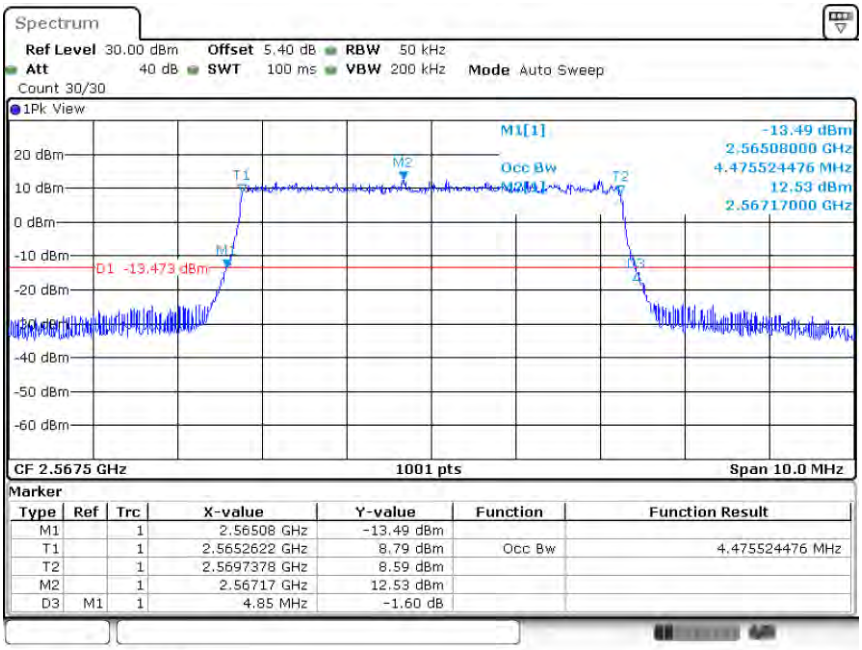
Band7-5MHz-64QAM-21425-25RB#0-4.476



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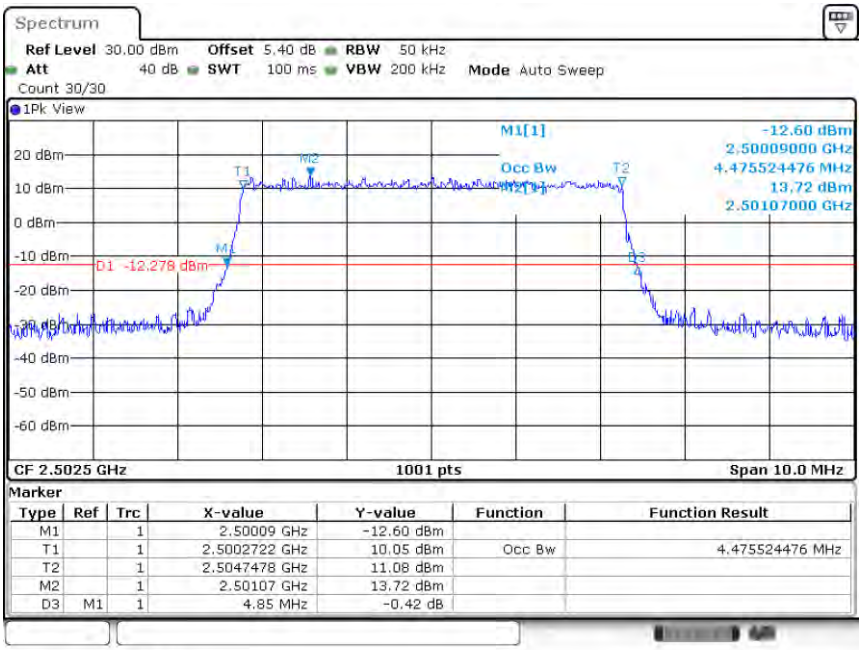
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56508 GHz	-13.49 dBm		
T1		1	2.5652622 GHz	8.79 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5697378 GHz	8.59 dBm		
M2		1	2.56717 GHz	12.53 dBm		
D3	M1	1	4.85 MHz	-1.60 dB		

Date: 14.APR.2021 04:50:19

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50009 GHz	-12.60 dBm		
T1		1	2.5002722 GHz	10.05 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5047478 GHz	11.08 dBm		
M2		1	2.50107 GHz	13.72 dBm		
D3	M1	1	4.85 MHz	-0.42 dB		

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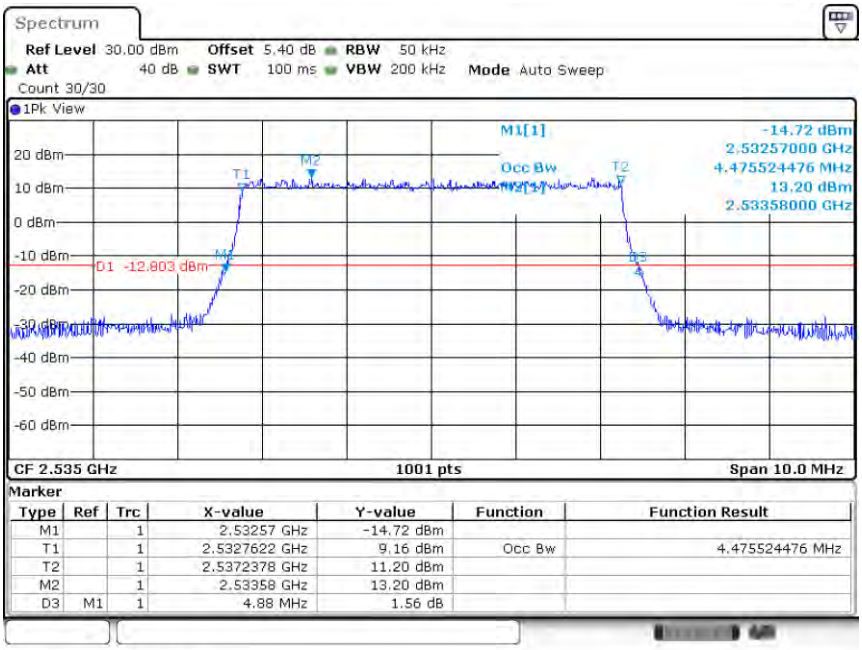
Band7-5MHz-16QAM-21100-25RB#0-4.476



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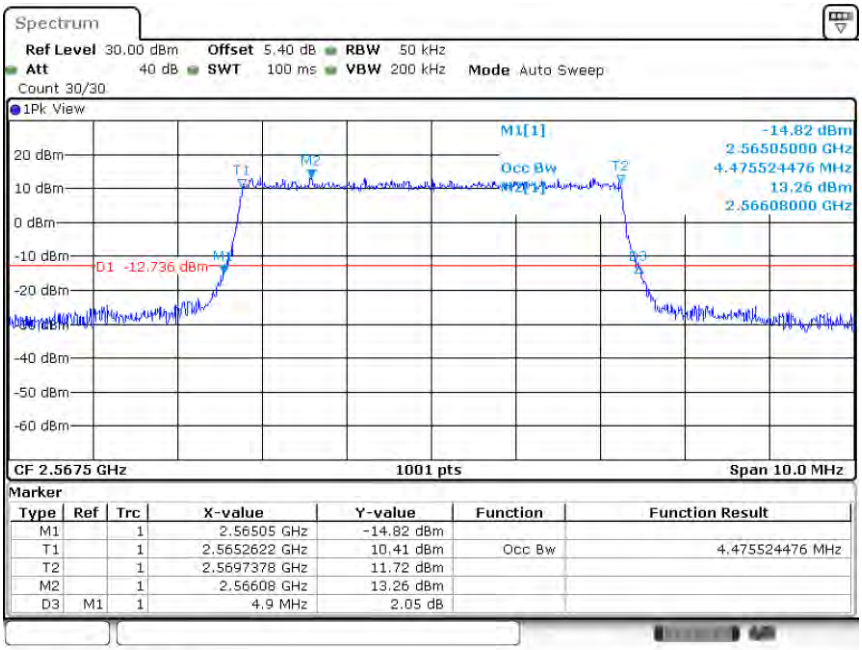
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.53257 GHz	-14.72 dBm		
T1		1	2.5327622 GHz	9.16 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5372378 GHz	11.20 dBm		
M2		1	2.53358 GHz	13.20 dBm		
D3	M1	1	4.88 MHz	1.56 dB		

Date: 14.APR.2021 04:10:06

Band7-5MHz-16QAM-21425-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.56505 GHz	-14.82 dBm		
T1		1	2.5652622 GHz	10.41 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5697378 GHz	11.72 dBm		
M2		1	2.56608 GHz	13.26 dBm		
D3	M1	1	4.9 MHz	2.05 dB		

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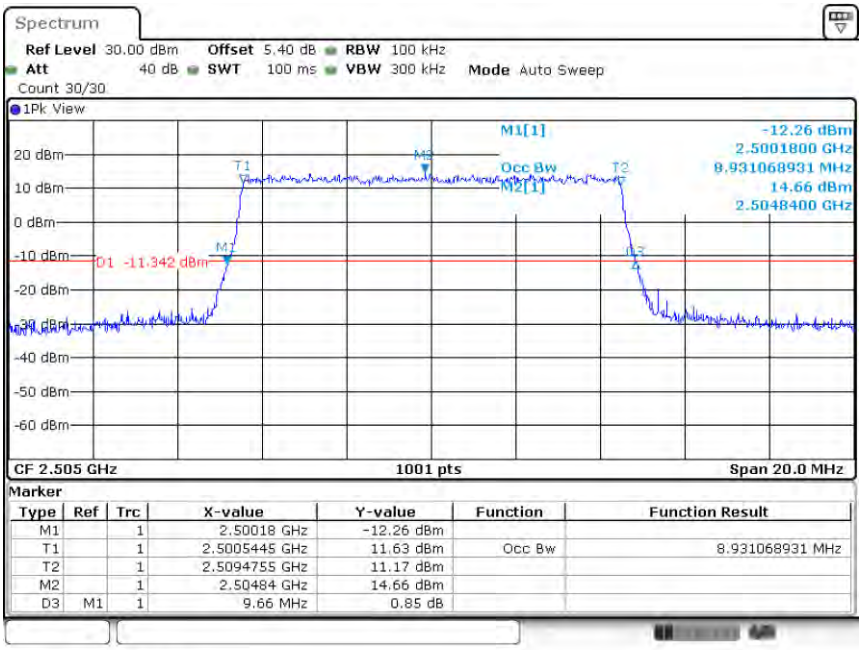
Band7-10MHz-QPSK-20800-50RB#0-8.931



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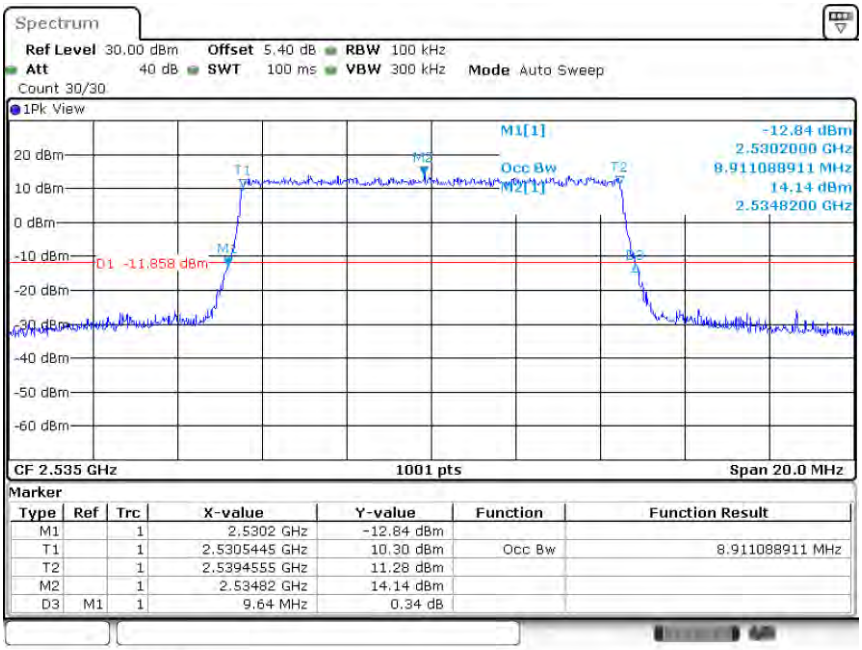
Band7-10MHz-QPSK-21100-50RB#0-8.911



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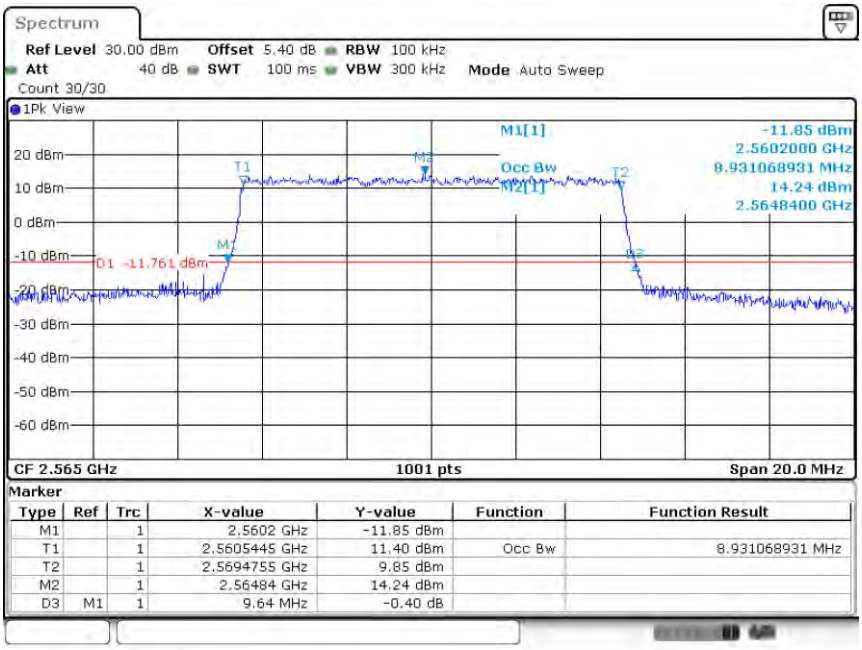

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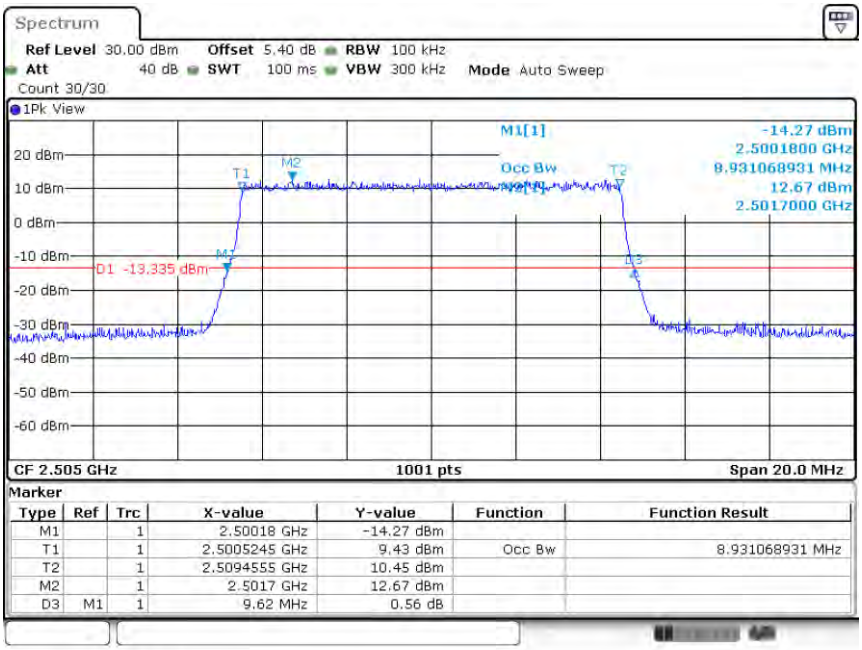
Band7-10MHz-64QAM-20800-50RB#0-8.931



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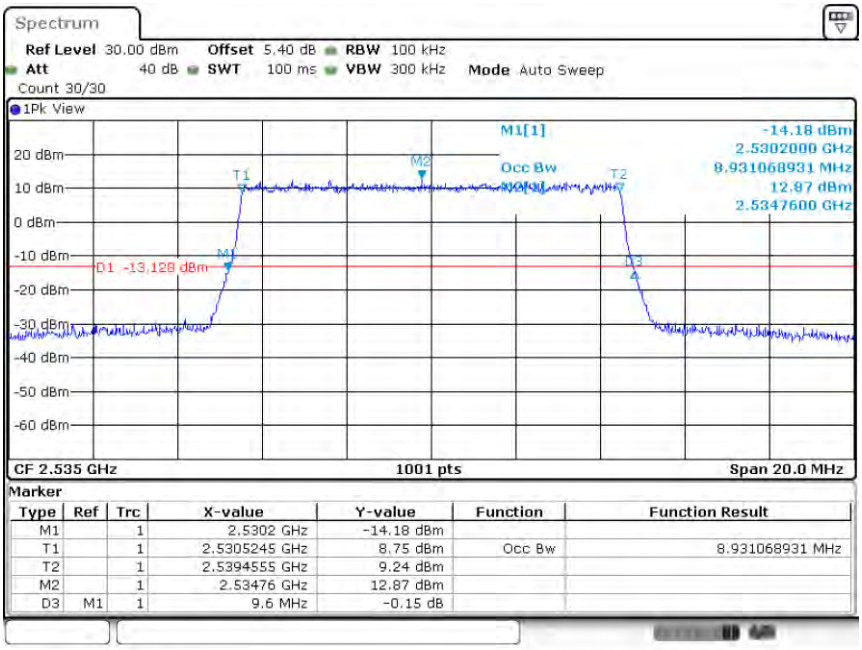

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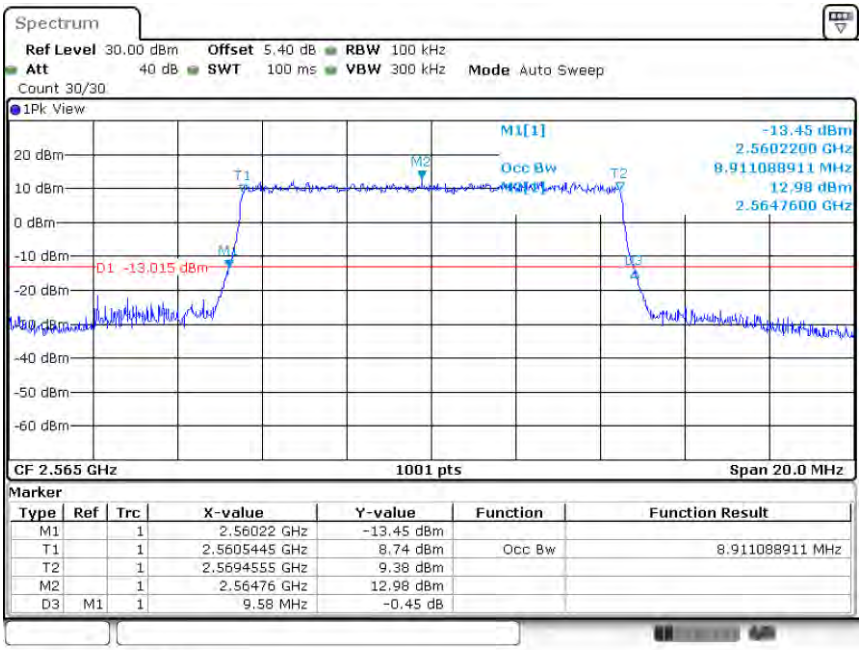
Band7-10MHz-64QAM-21400-50RB#0-8.911



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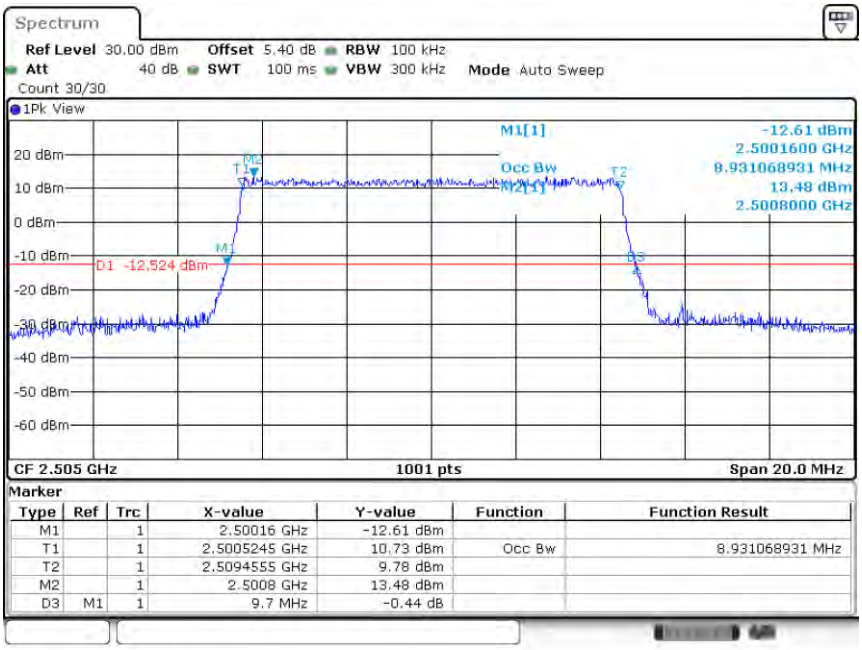
Band7-10MHz-16QAM-20800-50RB#0-8.931



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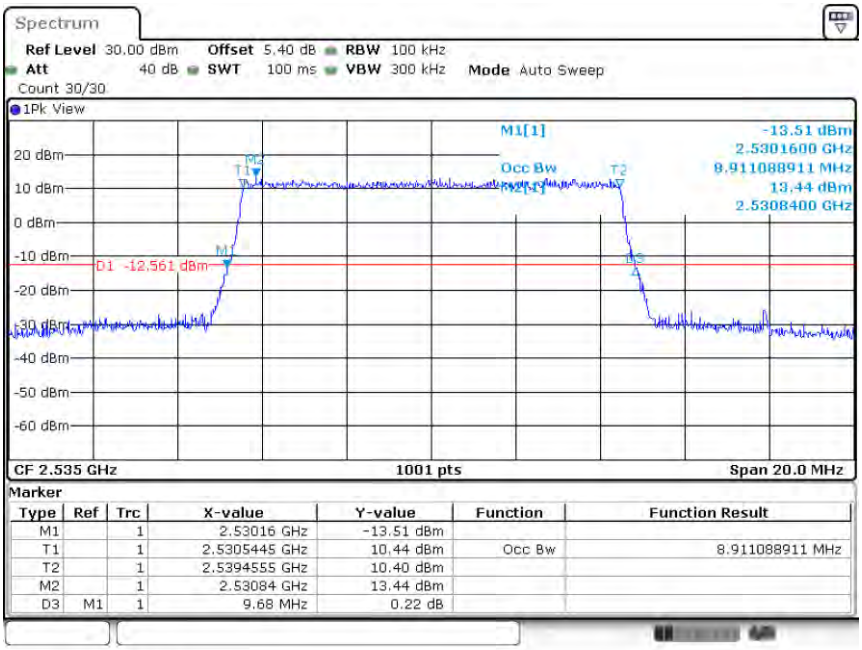
Band7-10MHz-16QAM-21100-50RB#0-8.911



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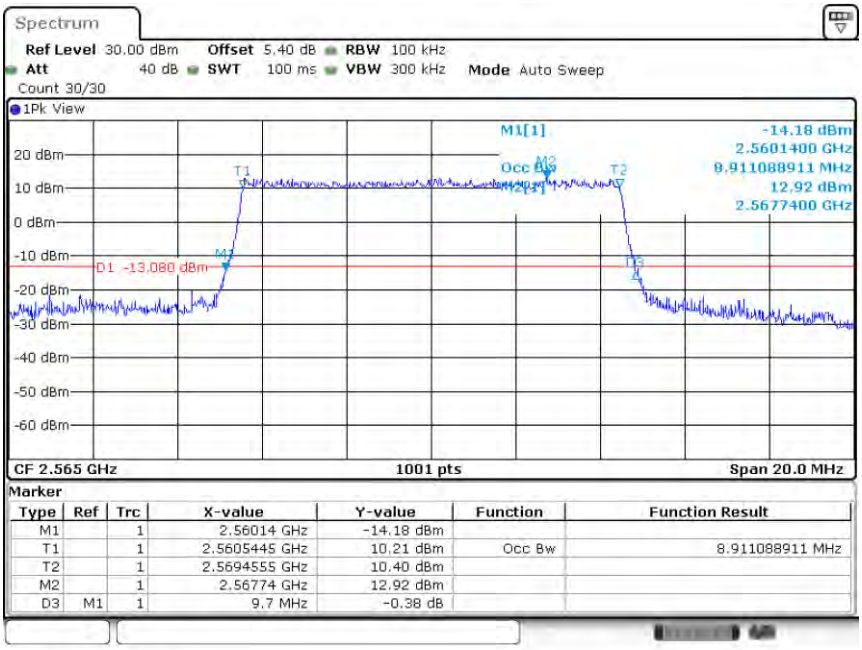
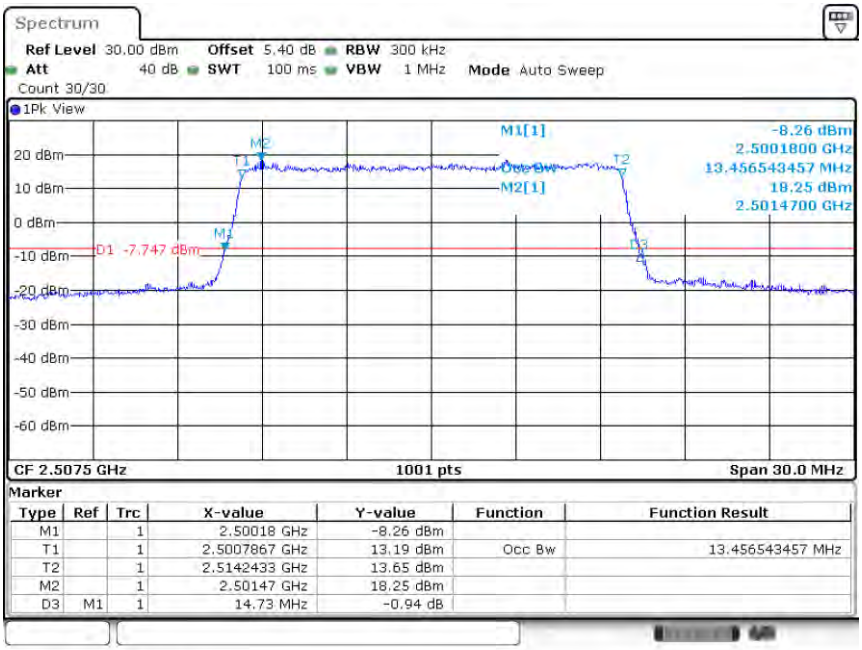


Date: 14.APR.2021 04:11:54

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



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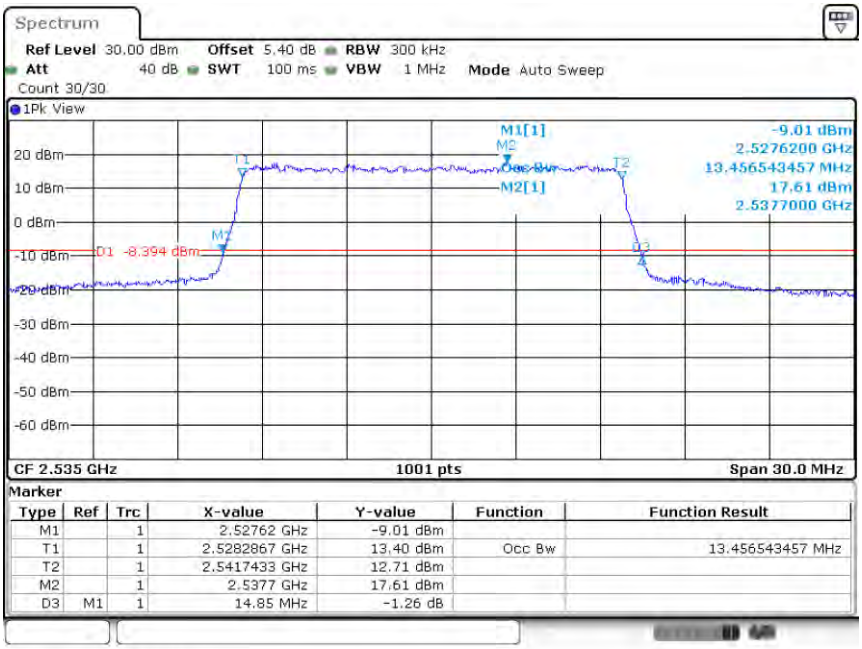
Band7-15MHz-QPSK-21100-75RB#0-13.457



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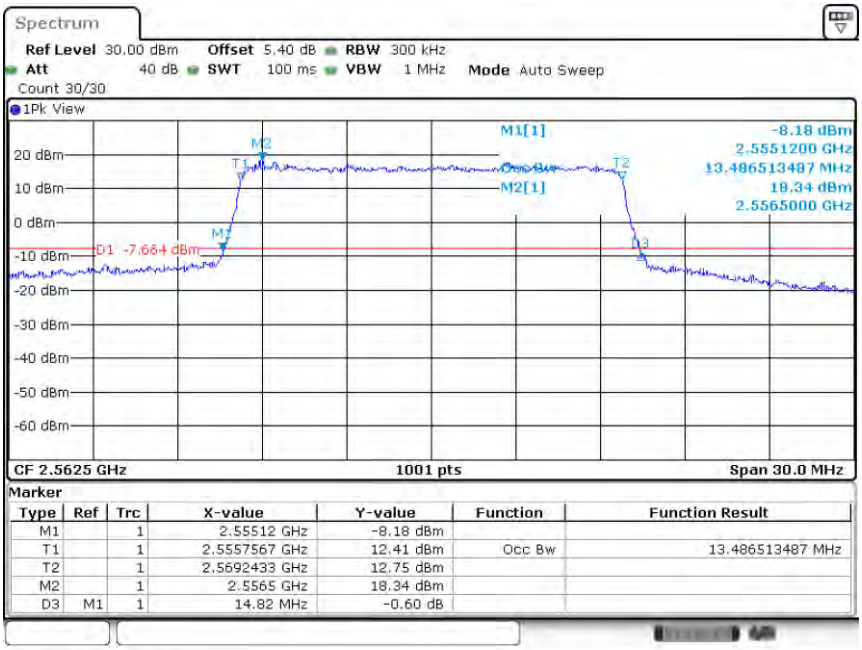
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52762 GHz	-9.01 dBm		
T1		1	2.5282867 GHz	13.40 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5417433 GHz	12.71 dBm		
M2		1	2.5377 GHz	17.61 dBm		
D3	M1	1	14.85 MHz	-1.26 dB		

Date: 14.APR.2021 04:12:38

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.55512 GHz	-8.18 dBm		
T1		1	2.5557567 GHz	12.41 dBm	Occ Bw	13.486513487 MHz
T2		1	2.5692433 GHz	12.75 dBm		
M2		1	2.5565 GHz	18.34 dBm		
D3	M1	1	14.82 MHz	-0.60 dB		

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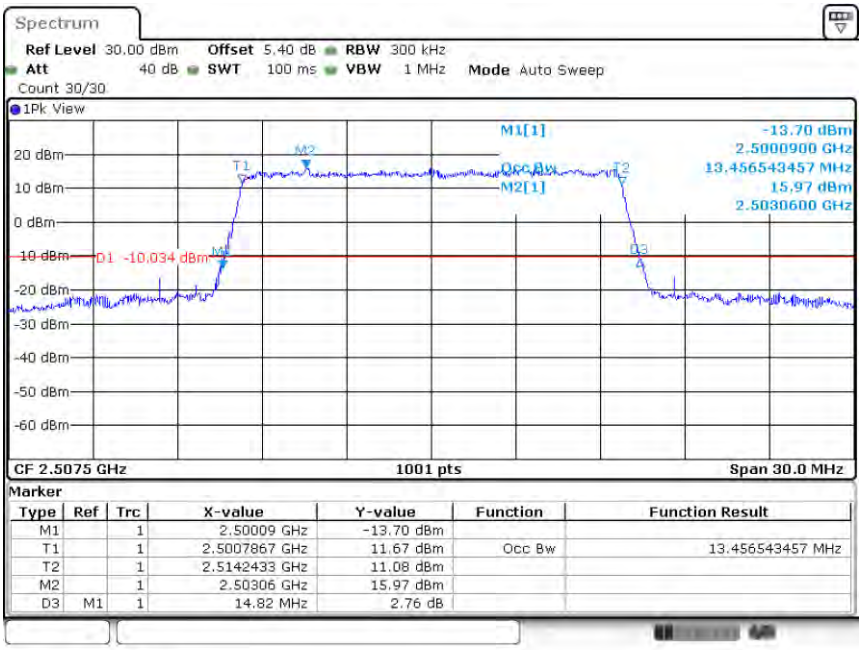
Band7-15MHz-64QAM-20825-75RB#0-13.457



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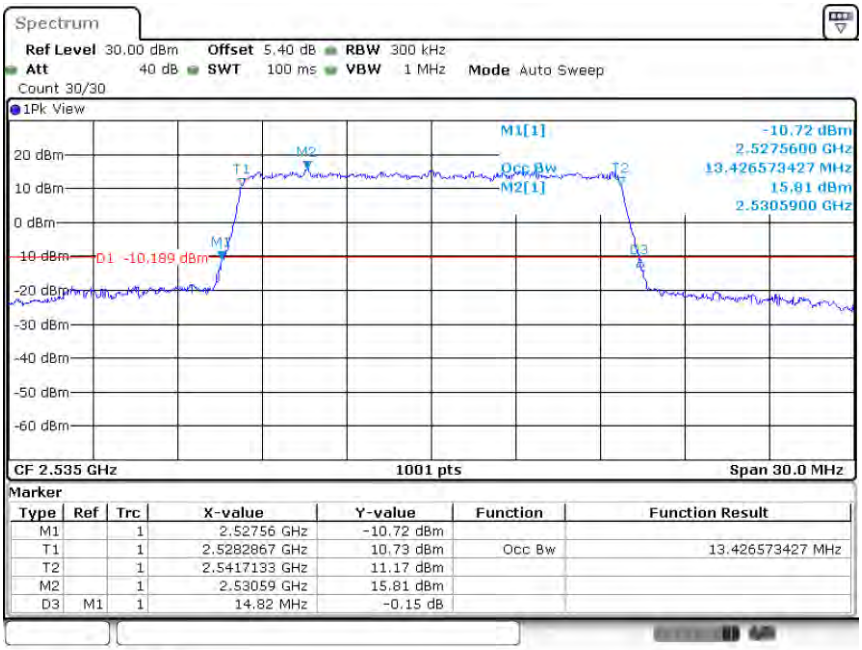
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50009 GHz	-13.70 dBm		
T1		1	2.5007867 GHz	11.67 dBm	Occ Bw	13.456543457 MHz
T2		1	2.5142433 GHz	11.08 dBm		
M2		1	2.50306 GHz	15.97 dBm		
D3	M1	1	14.82 MHz	2.76 dB		

Date: 14.APR.2021 04:51:21

Band7-15MHz-64QAM-21100-75RB#0-13.427



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52756 GHz	-10.72 dBm		
T1		1	2.5282867 GHz	10.73 dBm	Occ Bw	13.426573427 MHz
T2		1	2.5417133 GHz	11.17 dBm		
M2		1	2.53059 GHz	15.81 dBm		
D3	M1	1	14.82 MHz	-0.15 dB		

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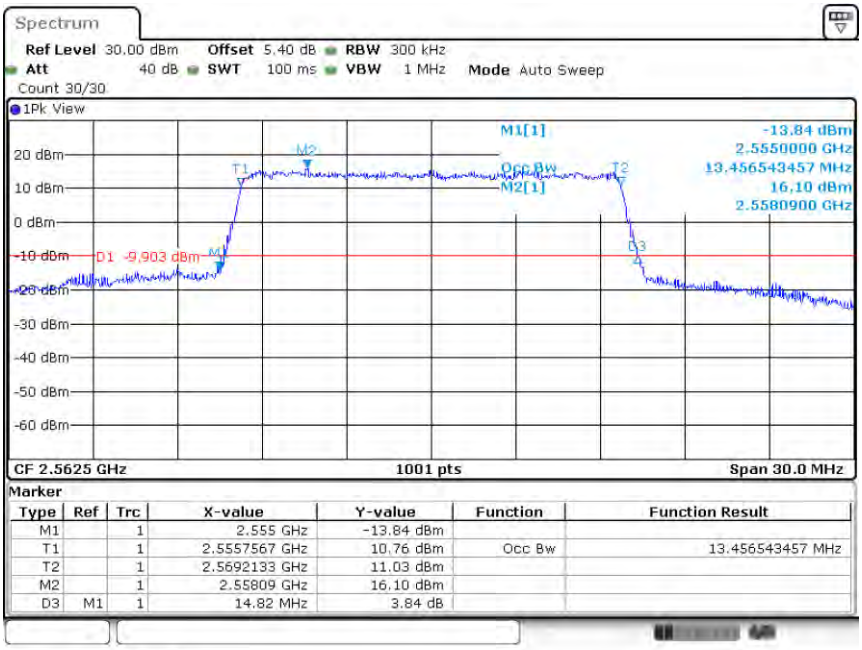
Band7-15MHz-64QAM-21375-75RB#0-13.457



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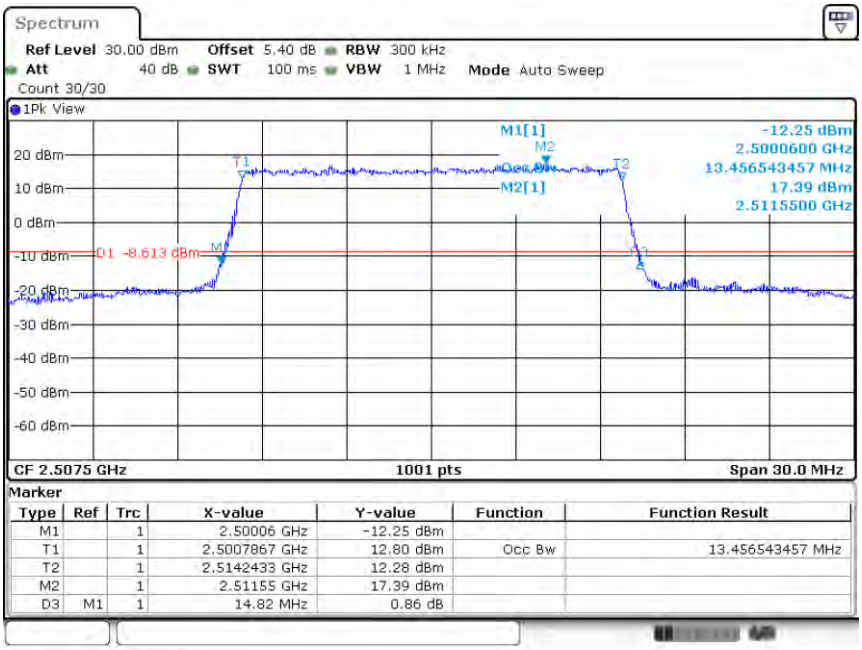
Band7-15MHz-16QAM-20825-75RB#0-13.457



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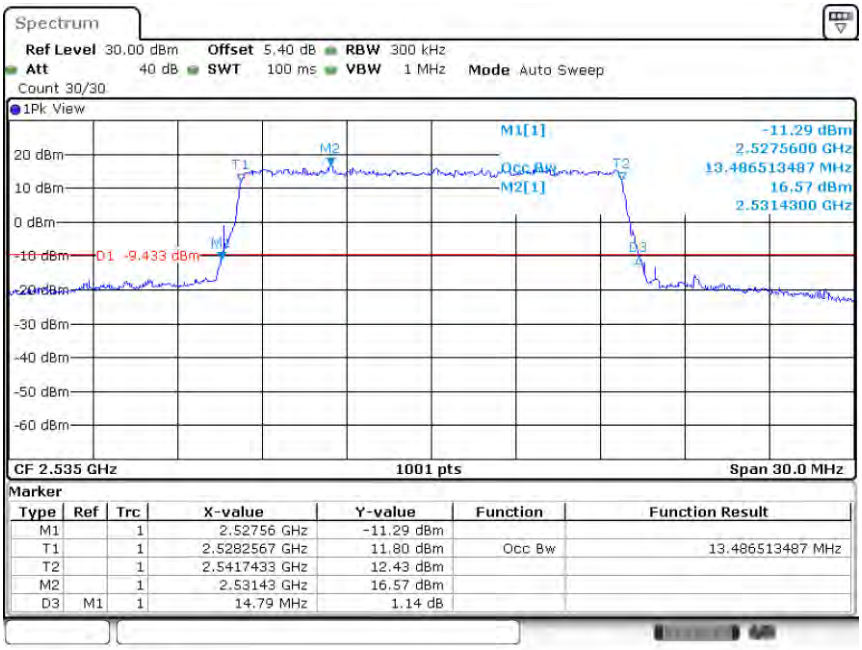
Band7-15MHz-16QAM-21100-75RB#0-13.487

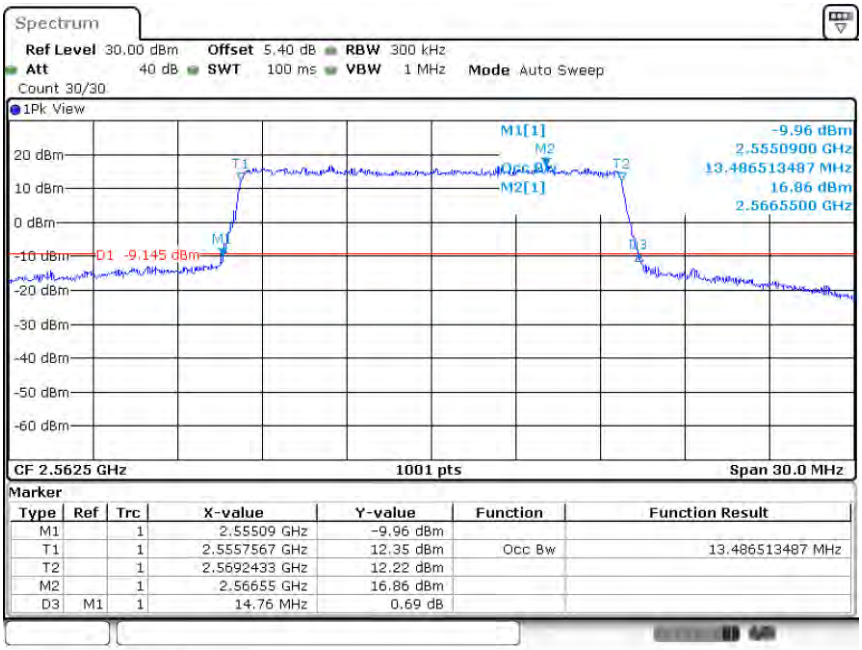


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52756 GHz	-11.29 dBm		
T1		1	2.5282567 GHz	11.80 dBm	Occ Bw	13.486513487 MHz
T2		1	2.5417433 GHz	12.43 dBm		
M2		1	2.53143 GHz	16.57 dBm		
D3	M1	1	14.79 MHz	1.14 dB		

Date: 14.APR.2021 04:12:51

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.55509 GHz	-9.96 dBm		
T1		1	2.5557567 GHz	12.35 dBm	Occ Bw	13.486513487 MHz
T2		1	2.5692433 GHz	12.22 dBm		
M2		1	2.56655 GHz	16.86 dBm		
D3	M1	1	14.76 MHz	0.69 dB		

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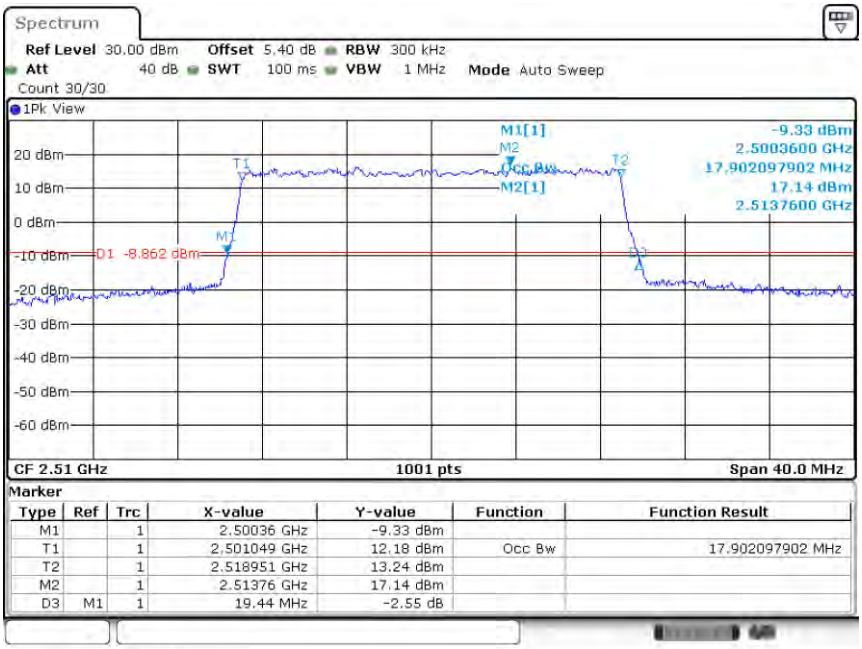
Band7-20MHz-QPSK-20850-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50036 GHz	-9.33 dBm		
T1		1	2.501049 GHz	12.18 dBm	Occ Bw	17.902097902 MHz
T2		1	2.518951 GHz	13.24 dBm		
M2		1	2.51376 GHz	17.14 dBm		
D3	M1	1	19.44 MHz	-2.55 dB		

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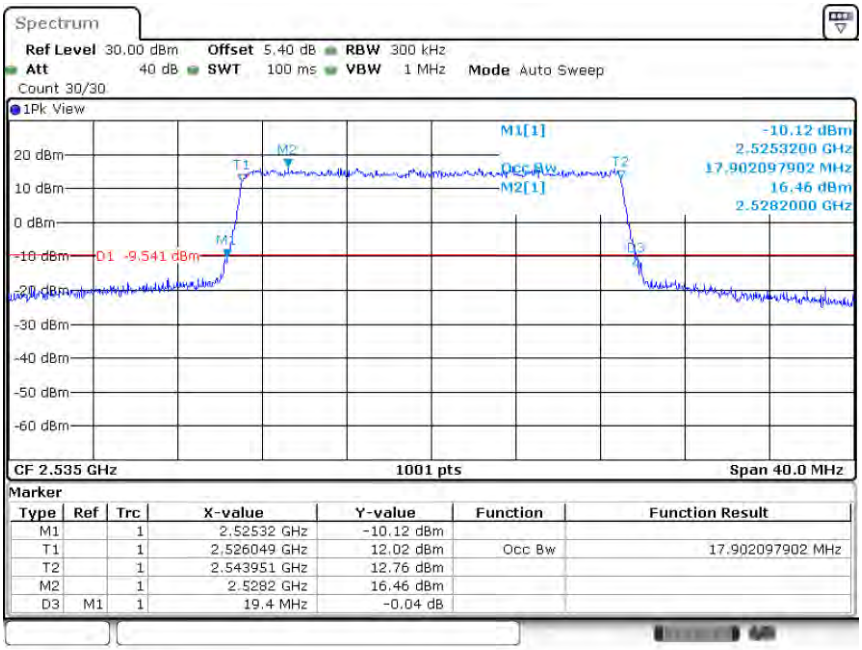
Band7-20MHz-QPSK-21100-100RB#0-17.902



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52532 GHz	-10.12 dBm		
T1		1	2.526049 GHz	12.02 dBm	Occ Bw	17.902097902 MHz
T2		1	2.543951 GHz	12.76 dBm		
M2		1	2.5282 GHz	16.46 dBm		
D3	M1	1	19.4 MHz	-0.04 dB		

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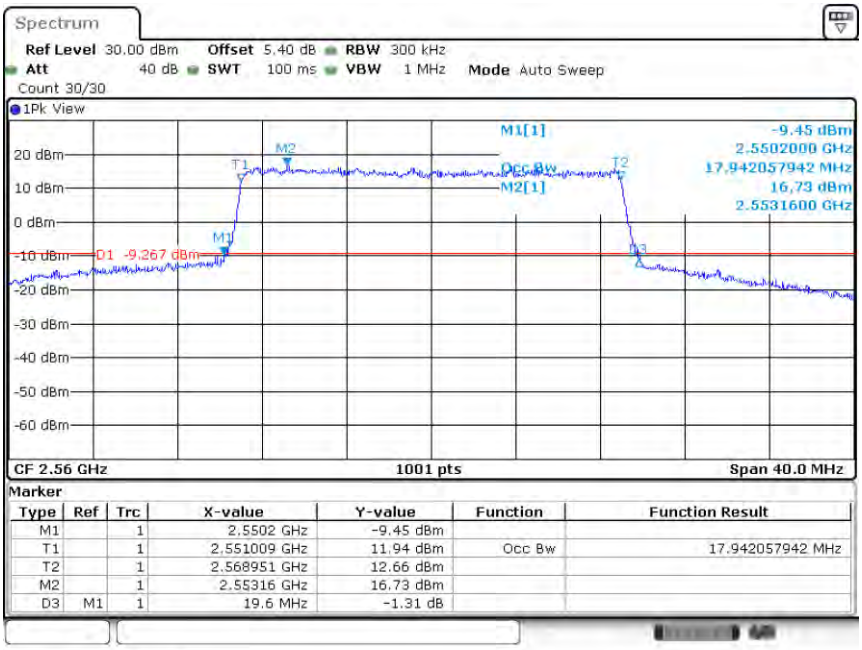
Band7-20MHz-QPSK-21350-100RB#0-17.942



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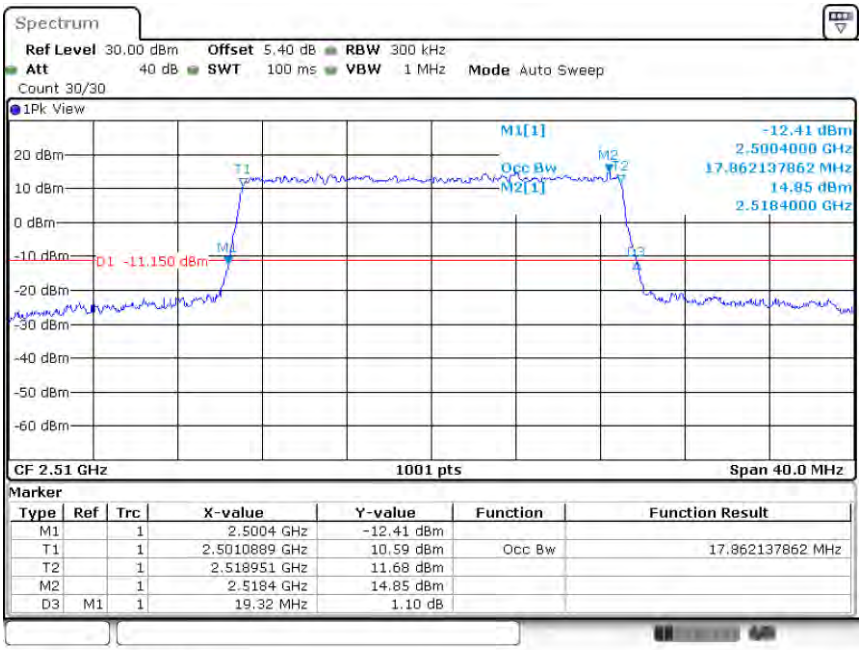
Band7-20MHz-64QAM-20850-100RB#0-17.862



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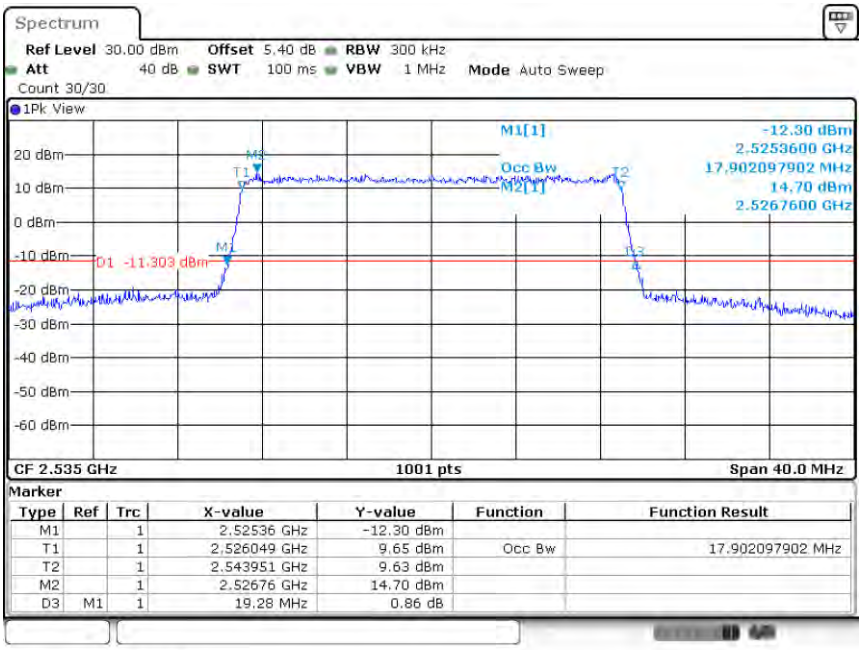

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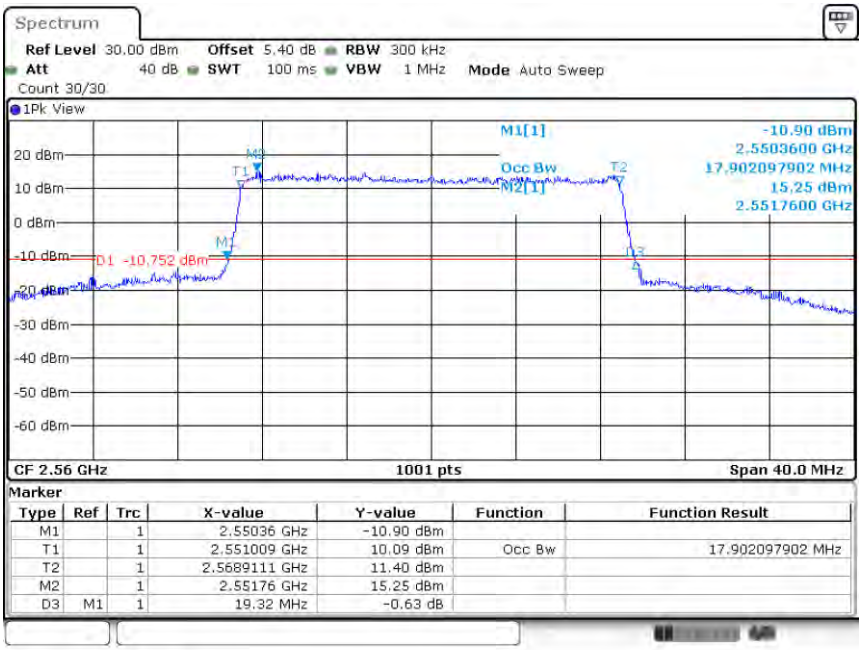
Band7-20MHz-64QAM-21350-100RB#0-17.902



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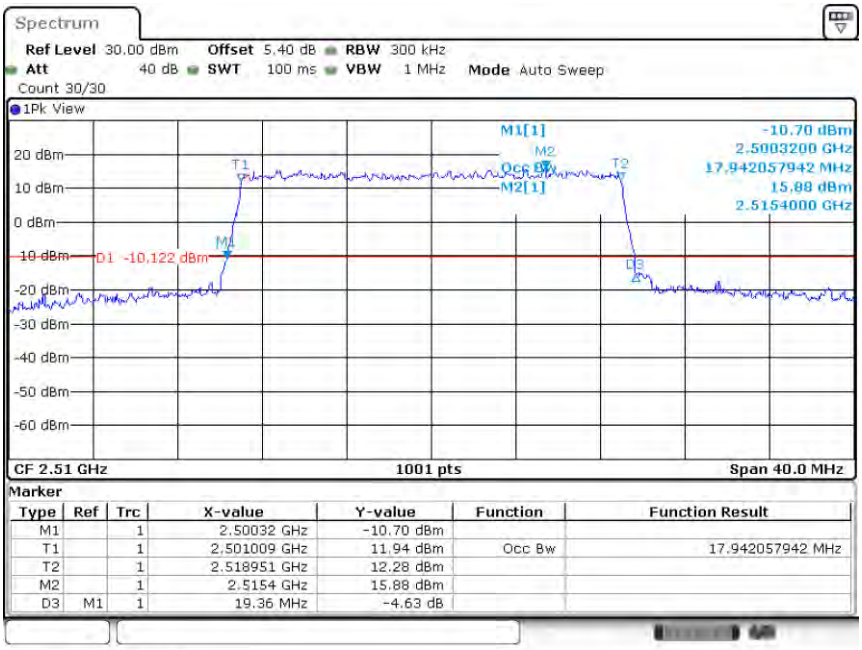
Band7-20MHz-16QAM-20850-100RB#0-17.942



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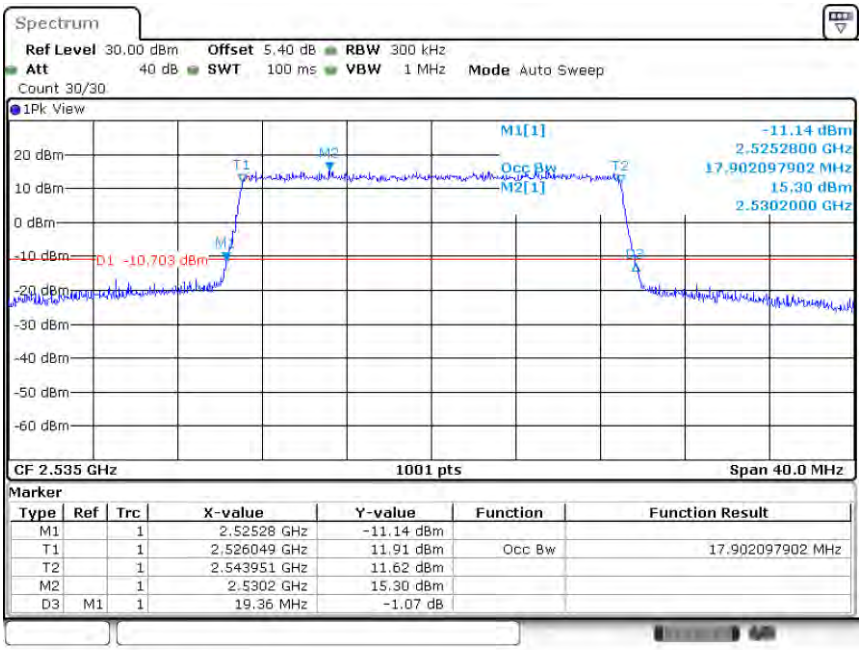
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.50032 GHz	-10.70 dBm		
T1		1	2.501009 GHz	11.94 dBm	Occ Bw	17.942057942 MHz
T2		1	2.518951 GHz	12.28 dBm		
M2		1	2.5154 GHz	15.88 dBm		
D3	M1	1	19.36 MHz	-4.63 dB		

Date: 14.APR.2021 04:13:48

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.52528 GHz	-11.14 dBm		
T1		1	2.526049 GHz	11.91 dBm	Occ Bw	17.902097902 MHz
T2		1	2.543951 GHz	11.62 dBm		
M2		1	2.5302 GHz	15.30 dBm		
D3	M1	1	19.36 MHz	-1.07 dB		

Date: 14.APR.2021 04:14:14

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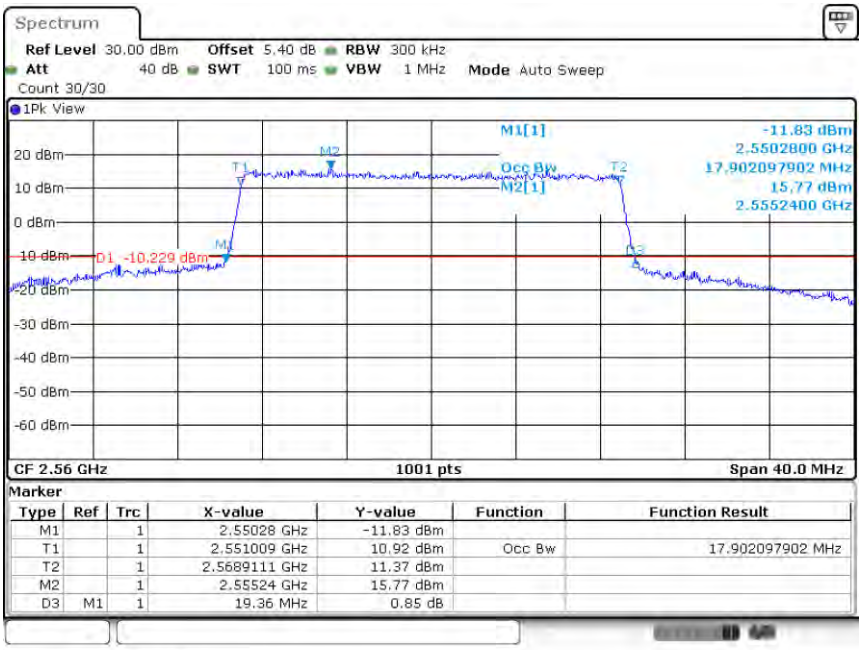
Band7-20MHz-16QAM-21350-100RB#0-17.902



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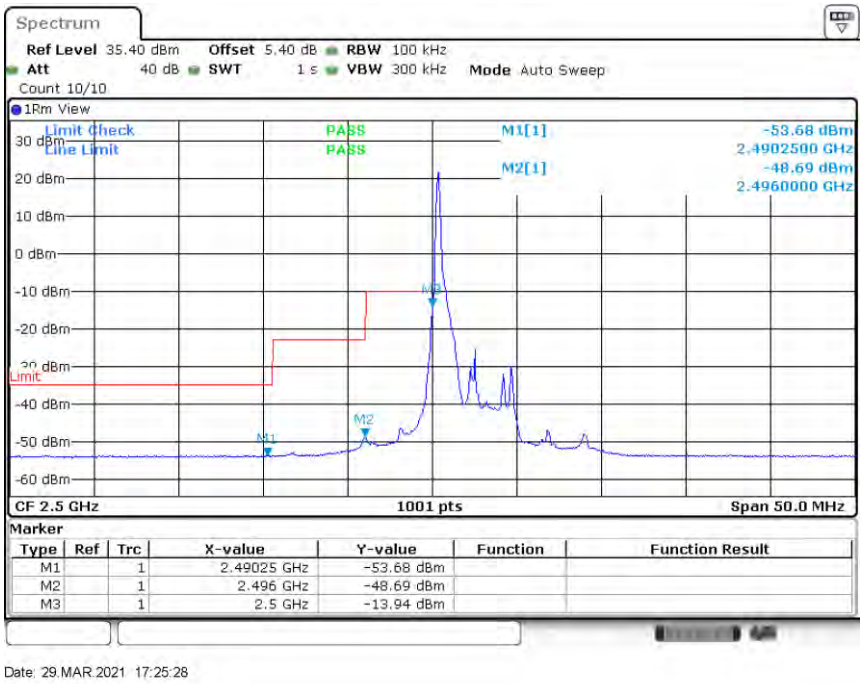
5. Band Edge Compliance

5.1. Test Plots

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



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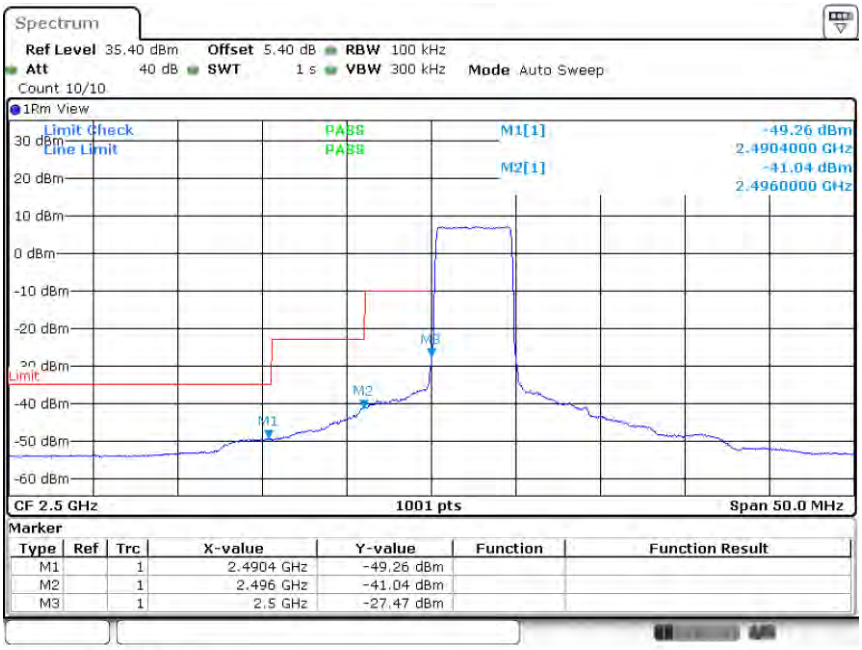
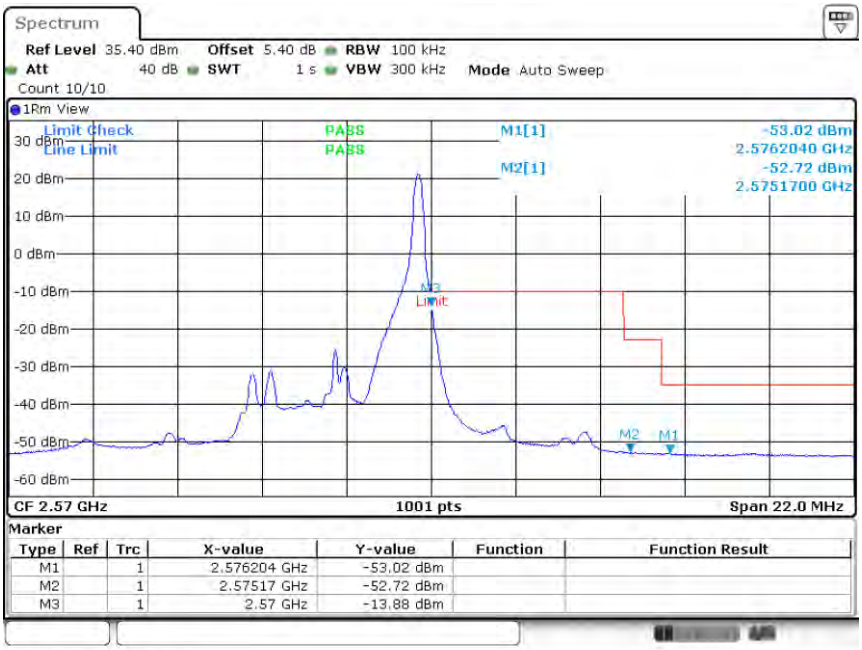
Band7-5MHz-QPSK-20775-25RB#0



Date: 29.MAR.2021 17:27:03

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



Date: 29.MAR.2021 17:26:16

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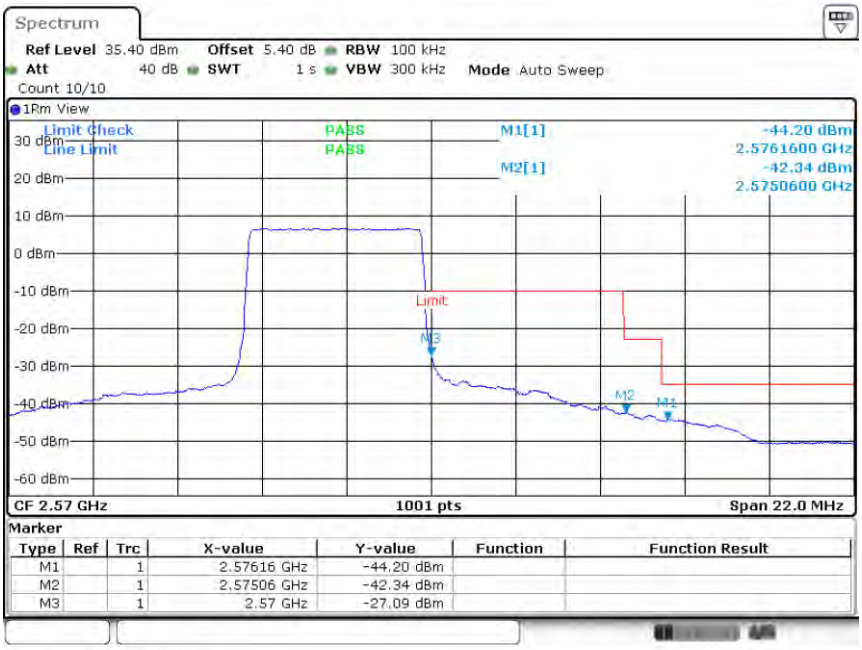
Band7-5MHz-QPSK-21425-25RB#0



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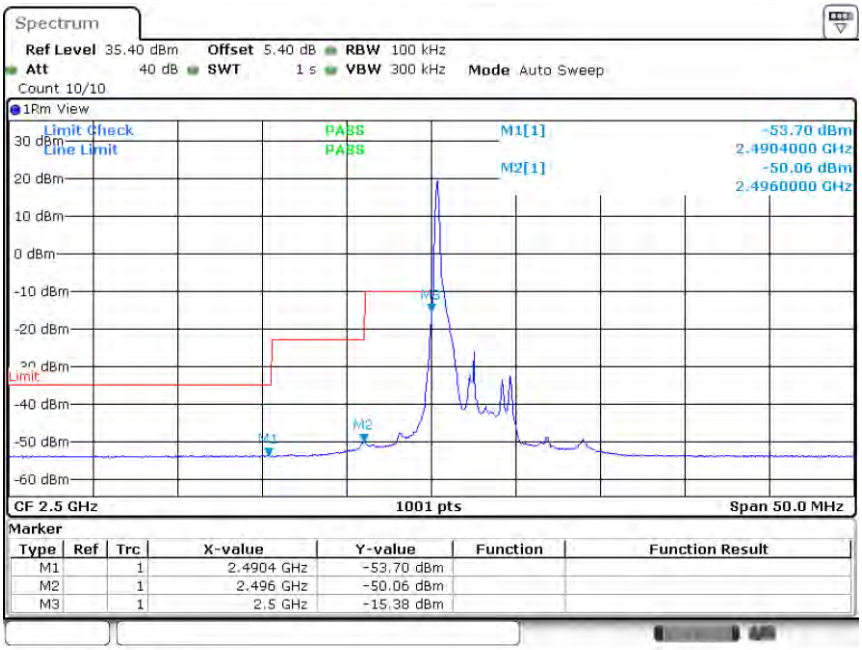
Band7-5MHz-64QAM-20775-1RB#0



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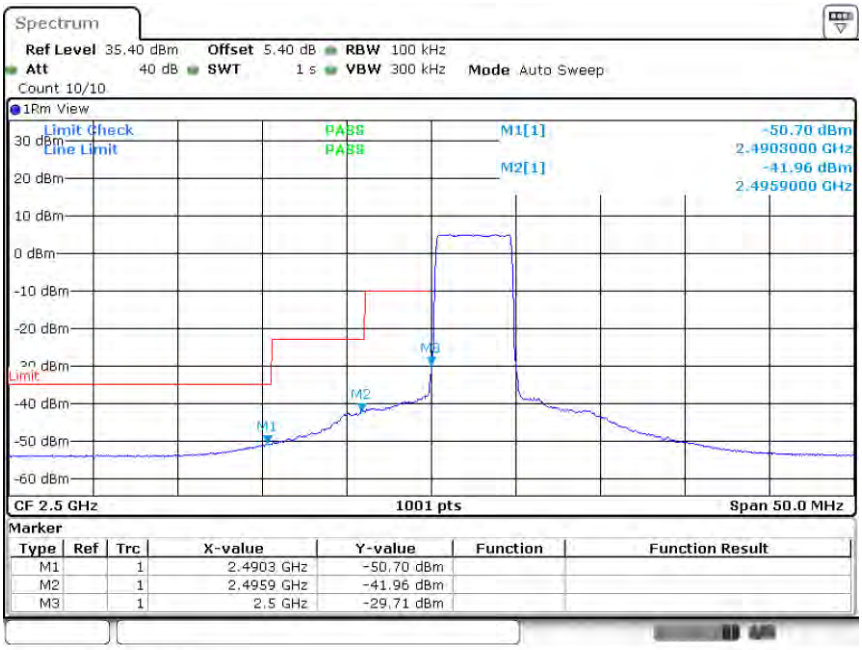
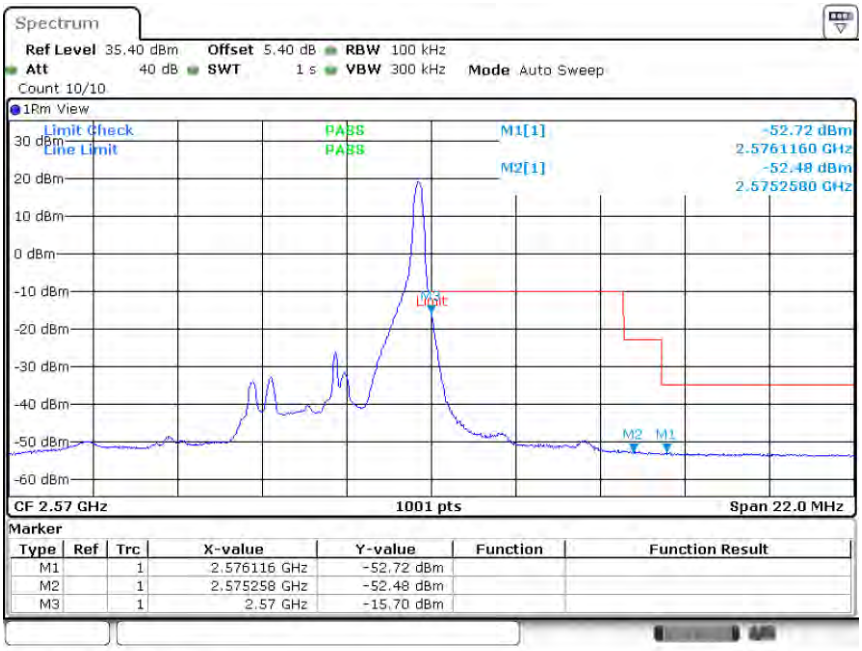


Band7-5MHz-64QAM-21425-1RB#24



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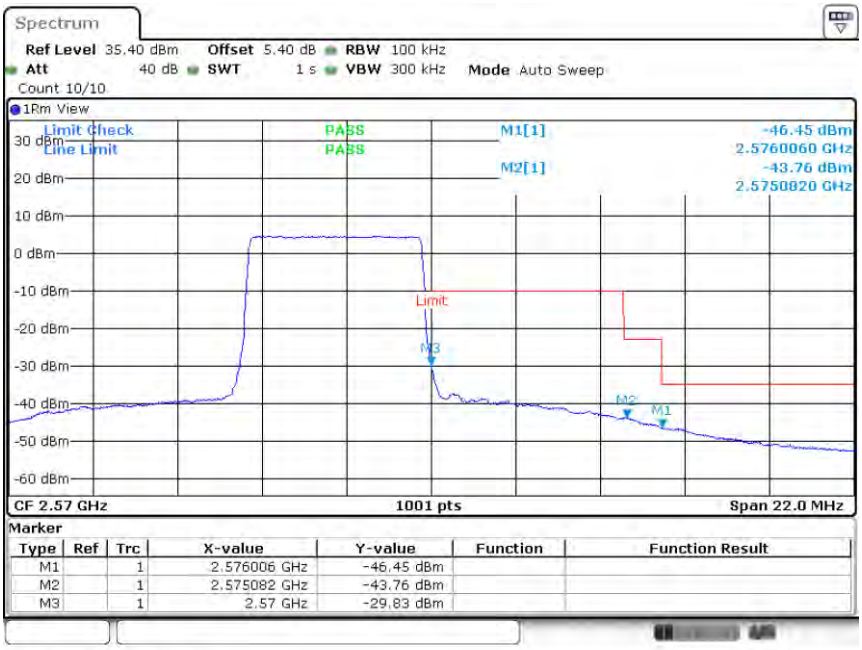
Band7-5MHz-64QAM-21425-25RB#0



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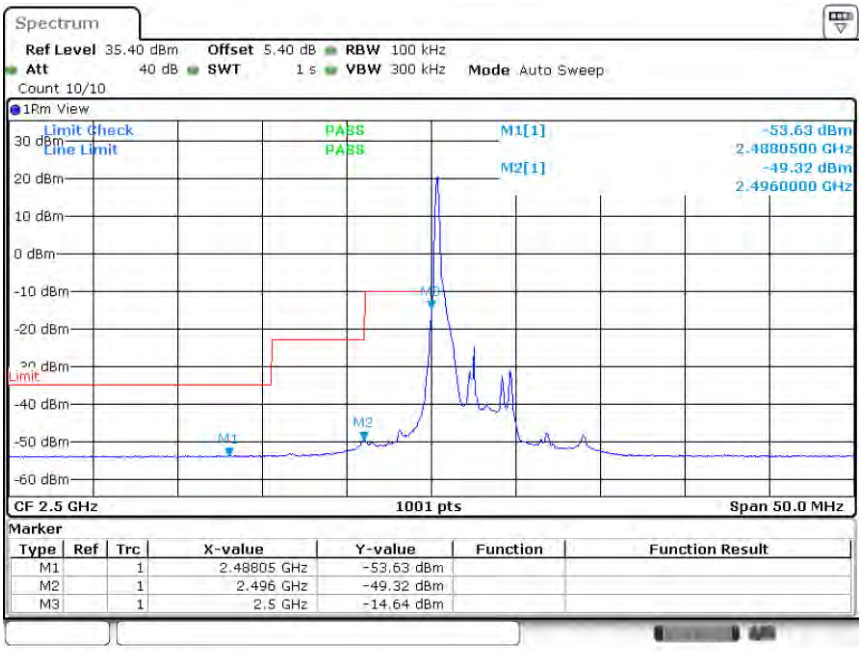

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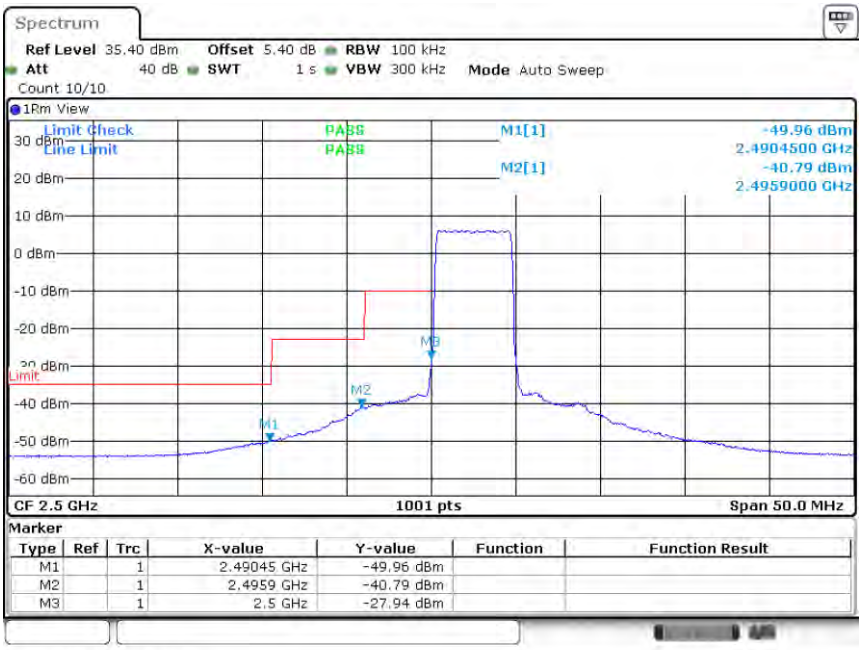

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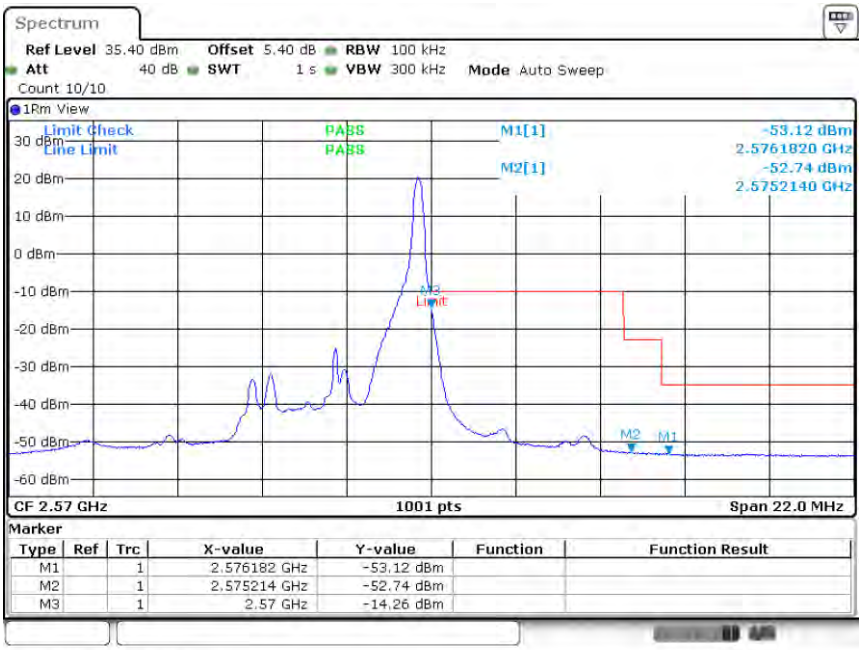
Band7-5MHz-16QAM-21425-1RB#24



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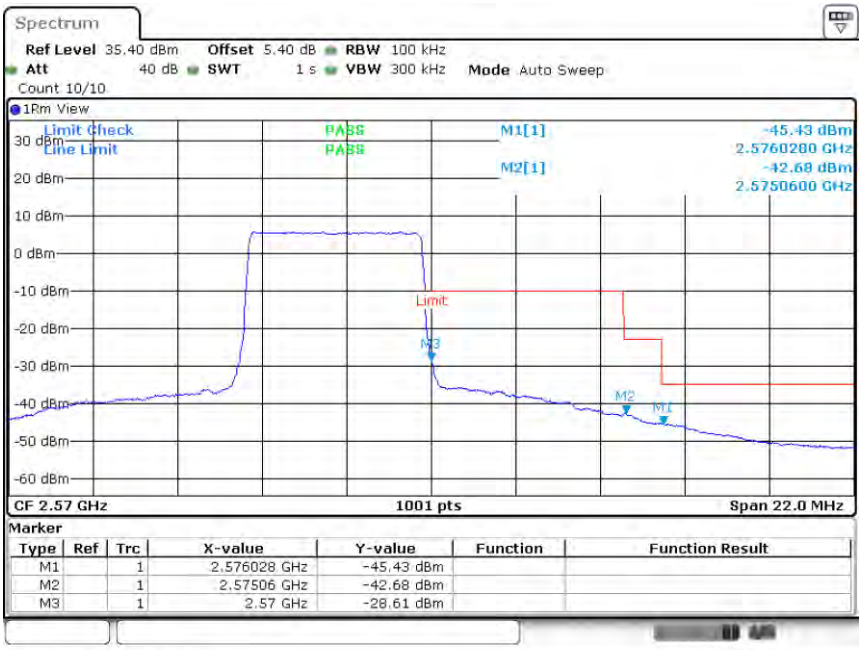

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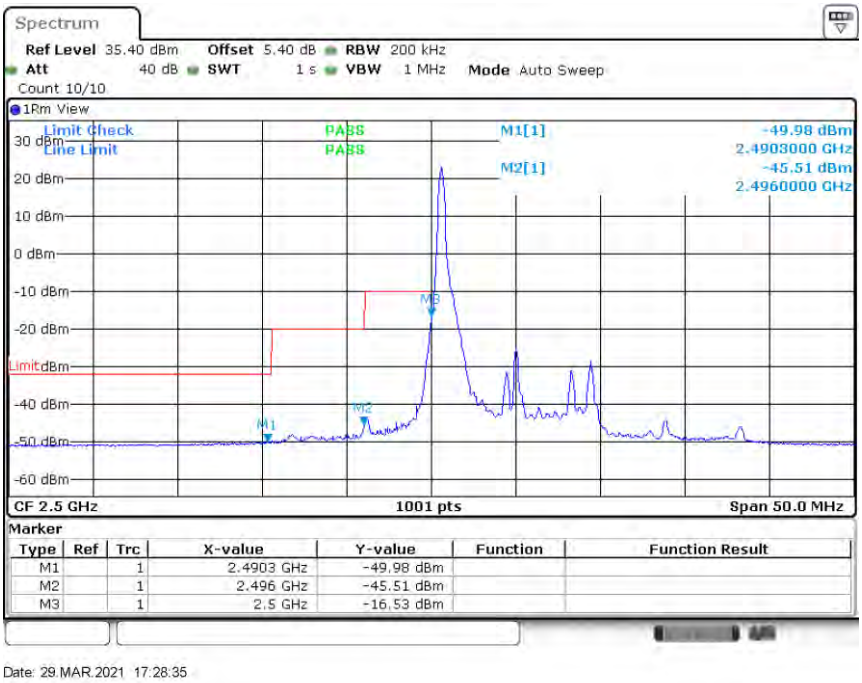

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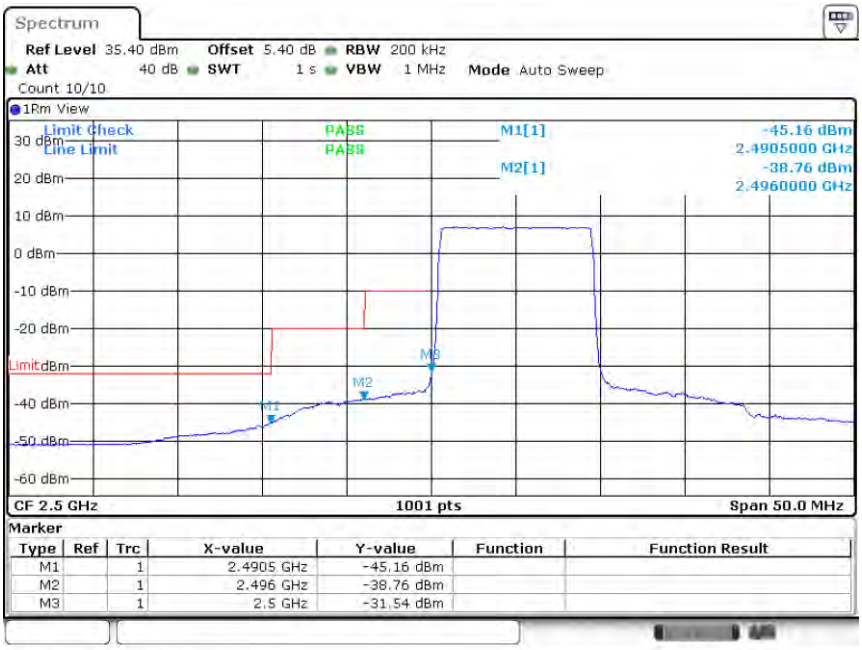
Band7-10MHz-QPSK-20800-50RB#0



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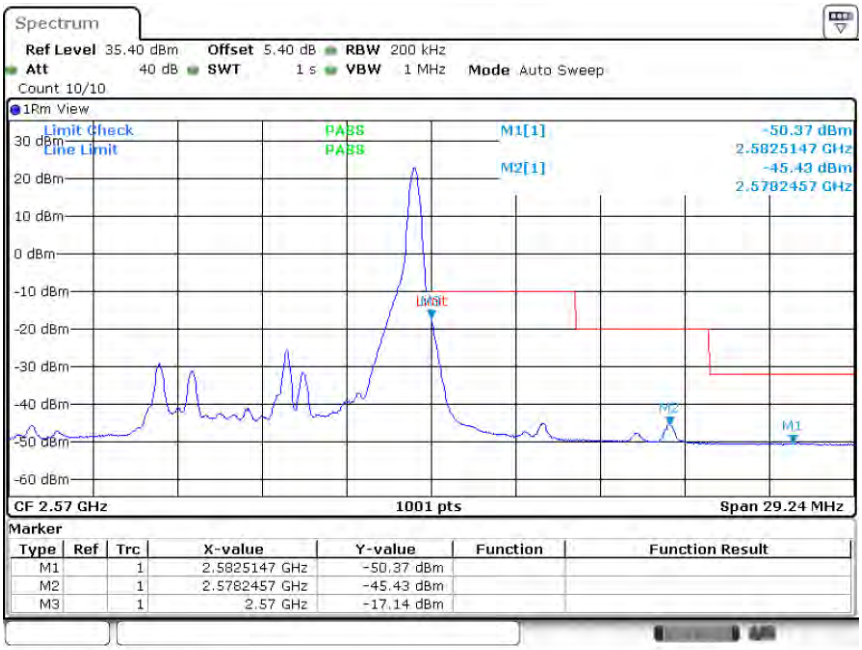

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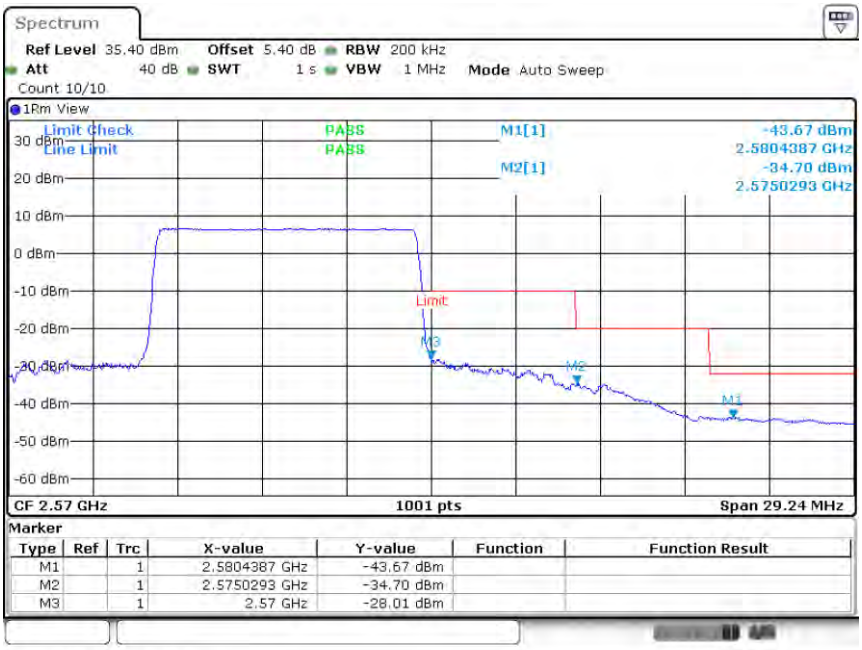
Band7-10MHz-QPSK-21400-50RB#0



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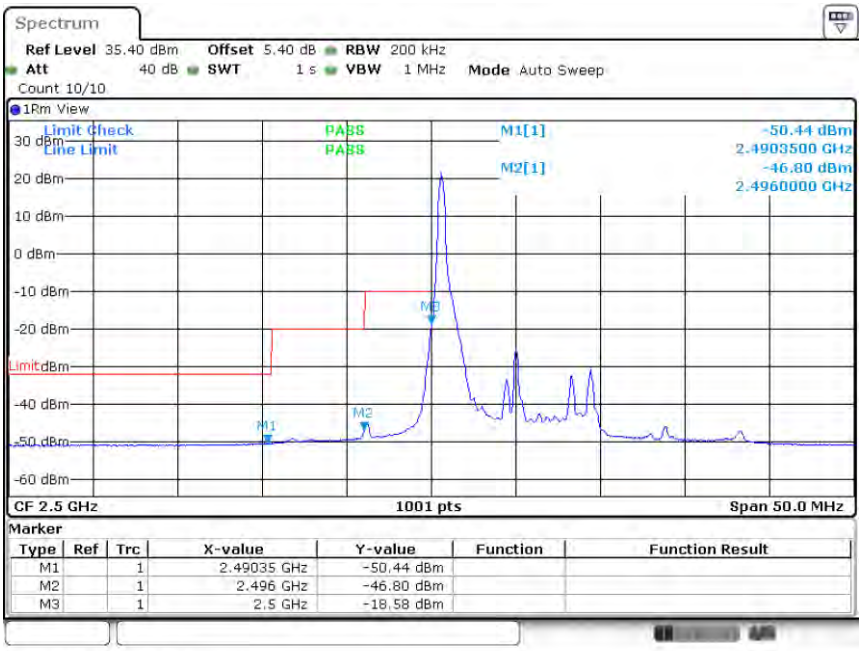
Band7-10MHz-64QAM-20800-1RB#0



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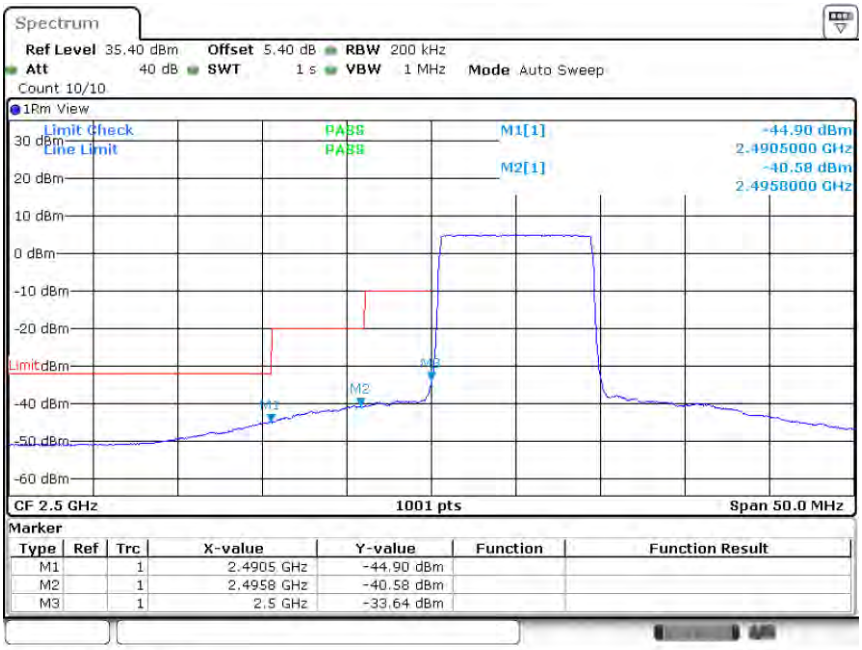

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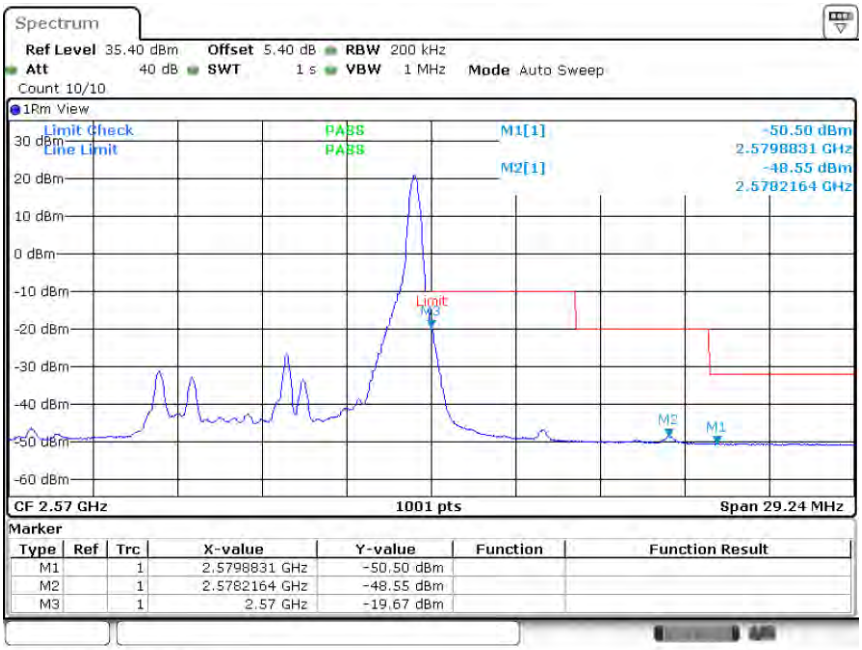

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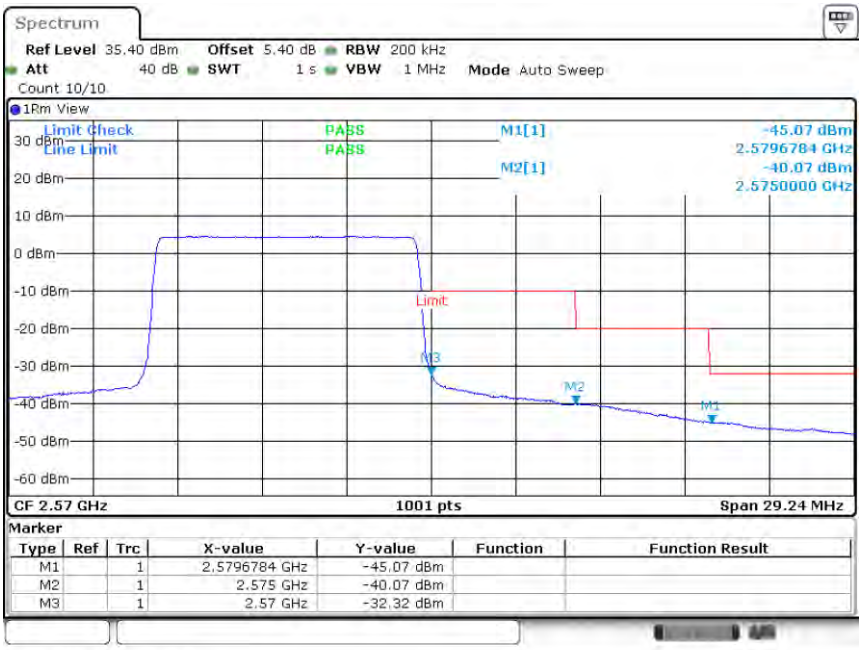

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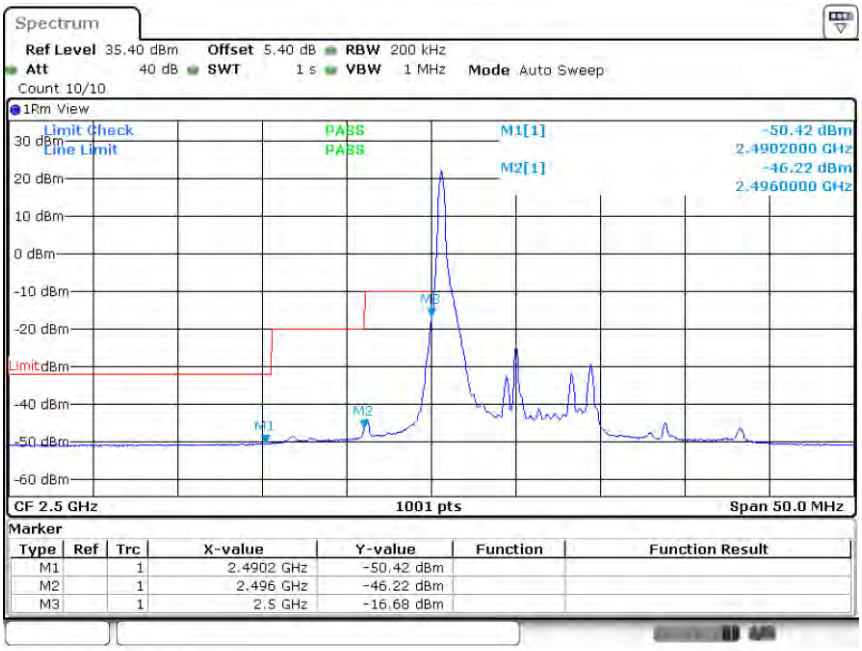

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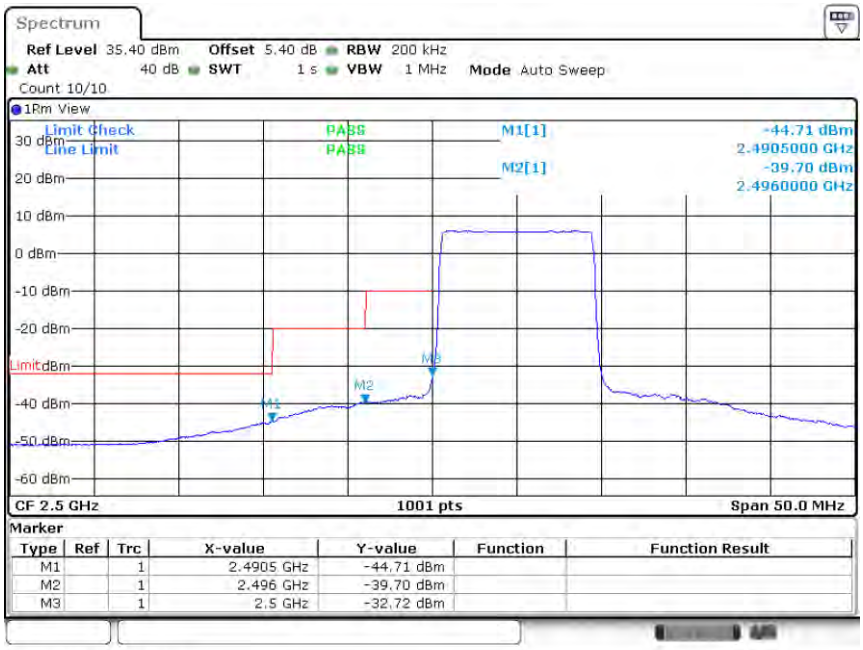

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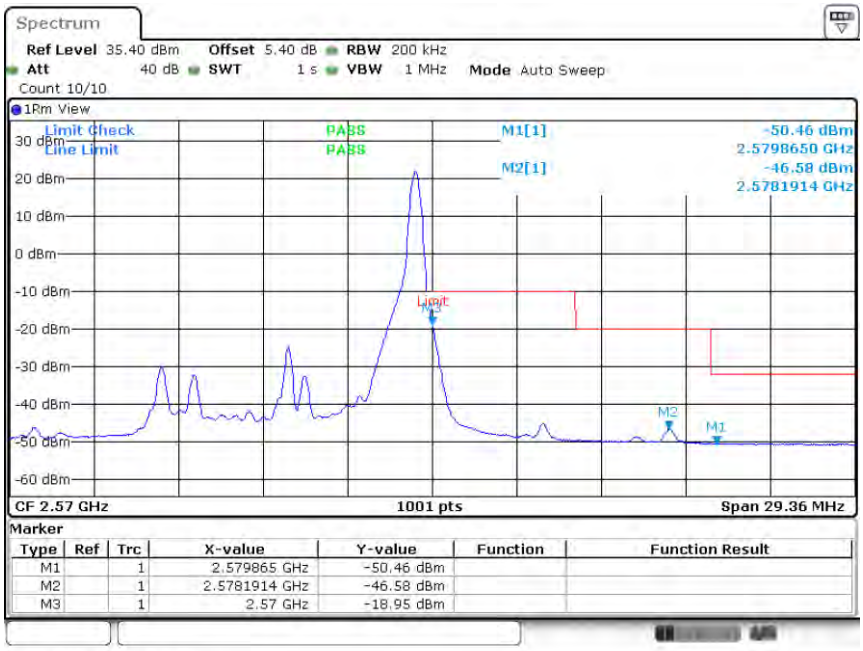

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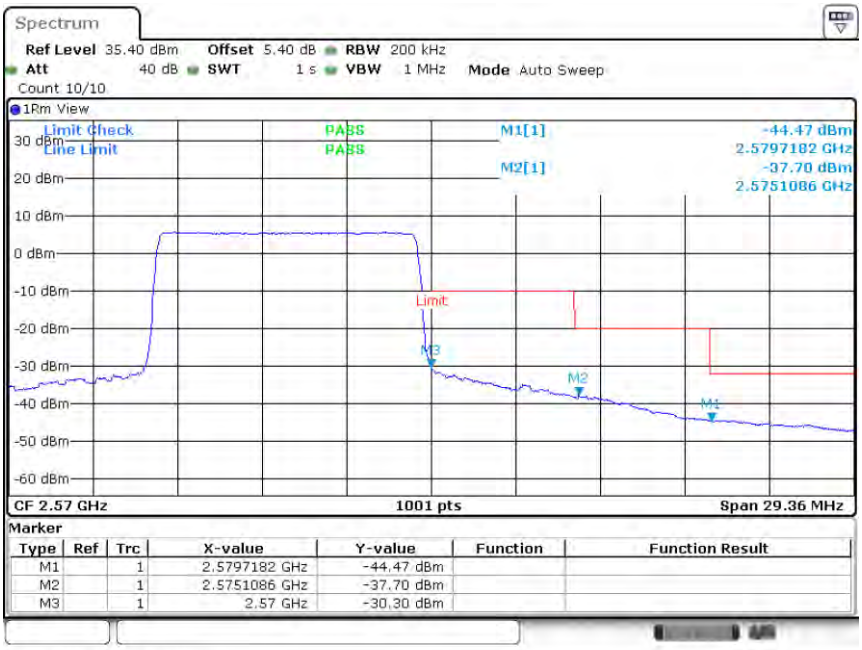
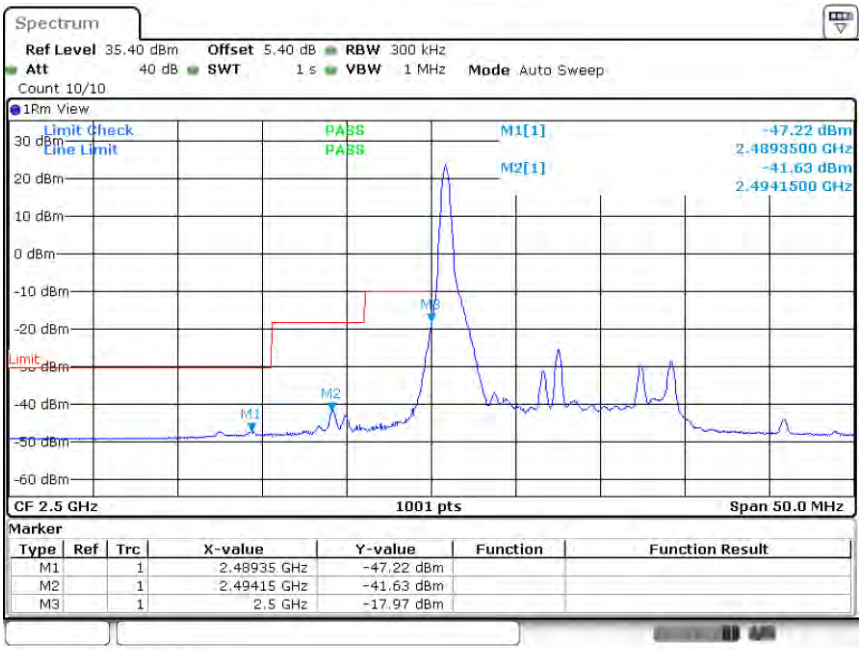
Band7-10MHz-16QAM-21400-50RB#0



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



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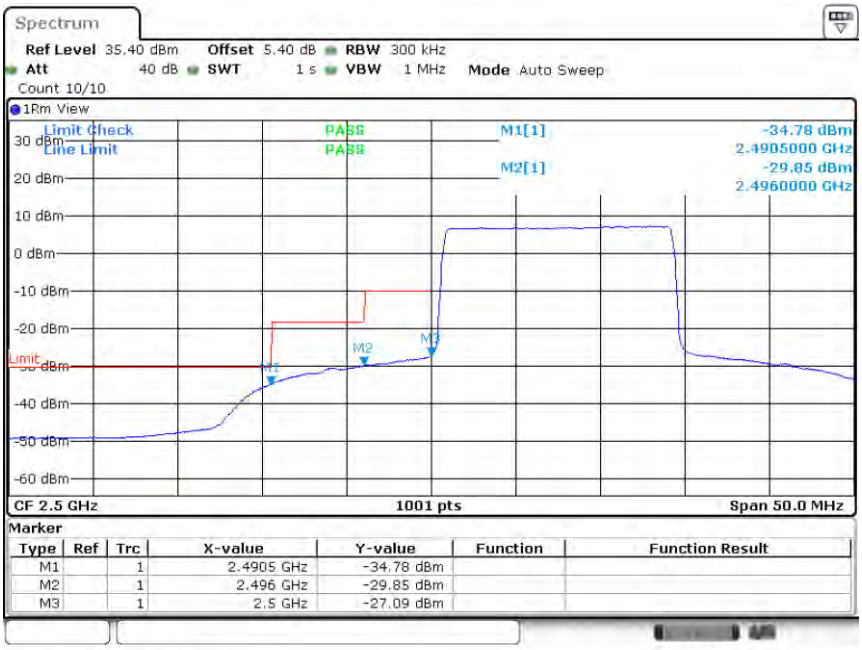
Band7-15MHz-QPSK-20825-75RB#0



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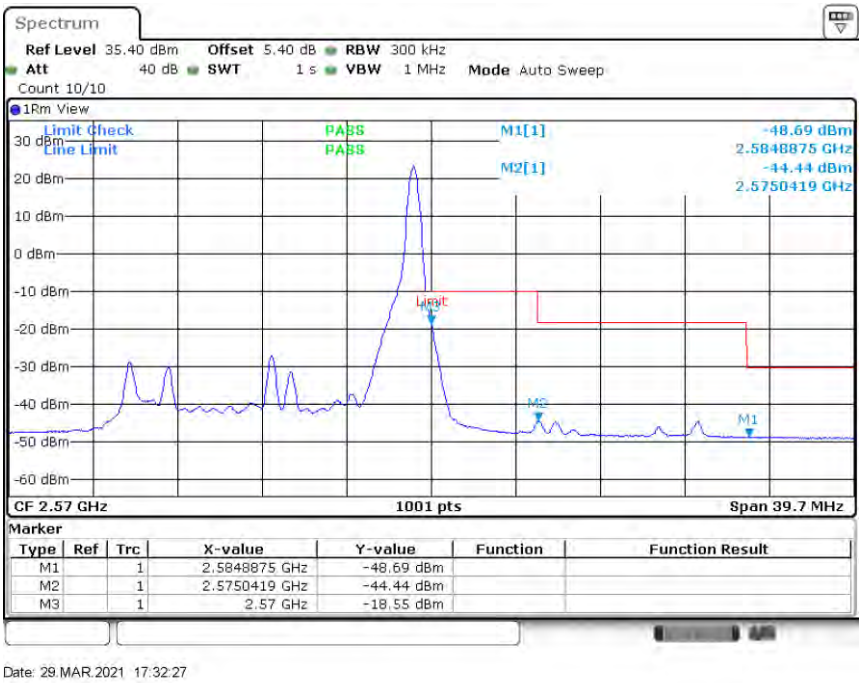

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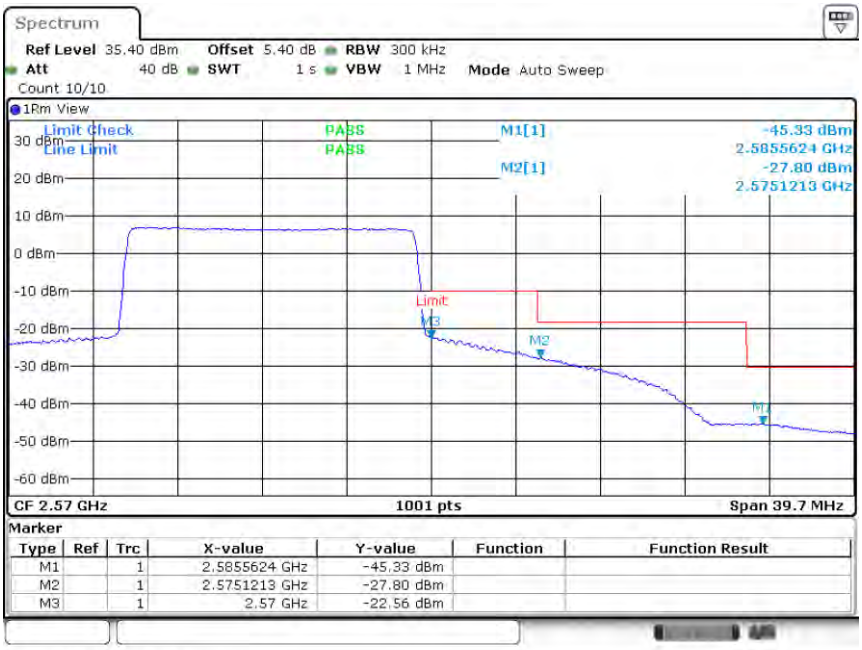

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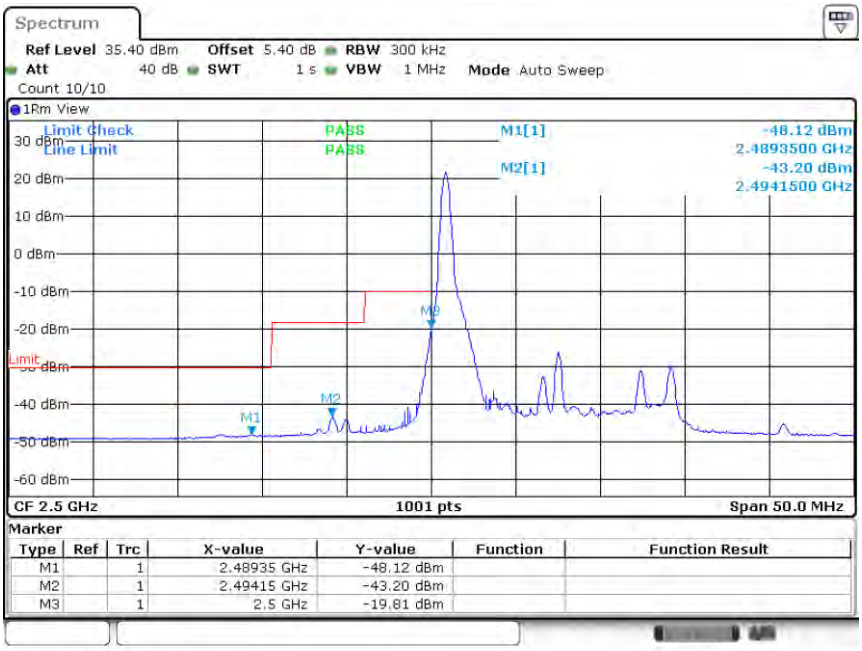

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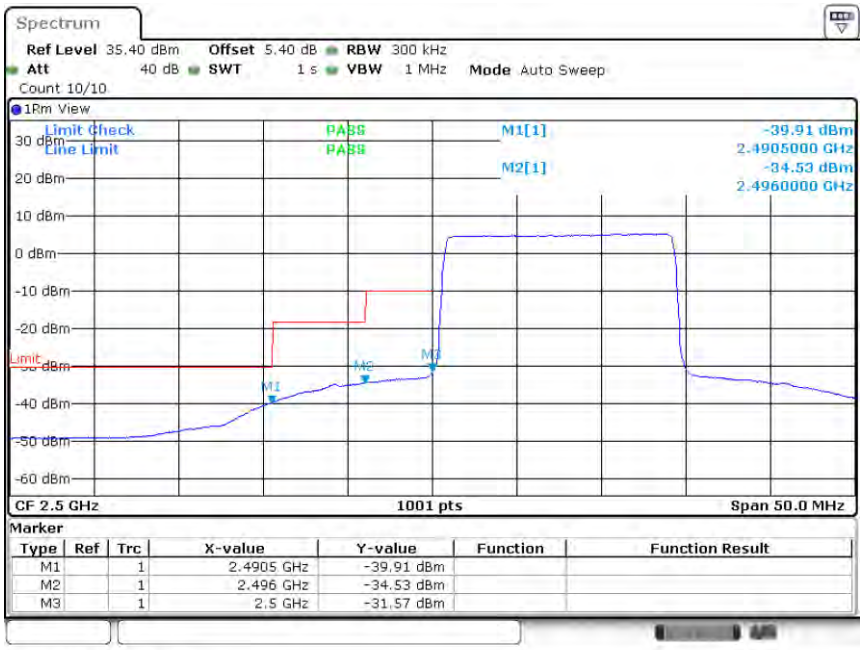

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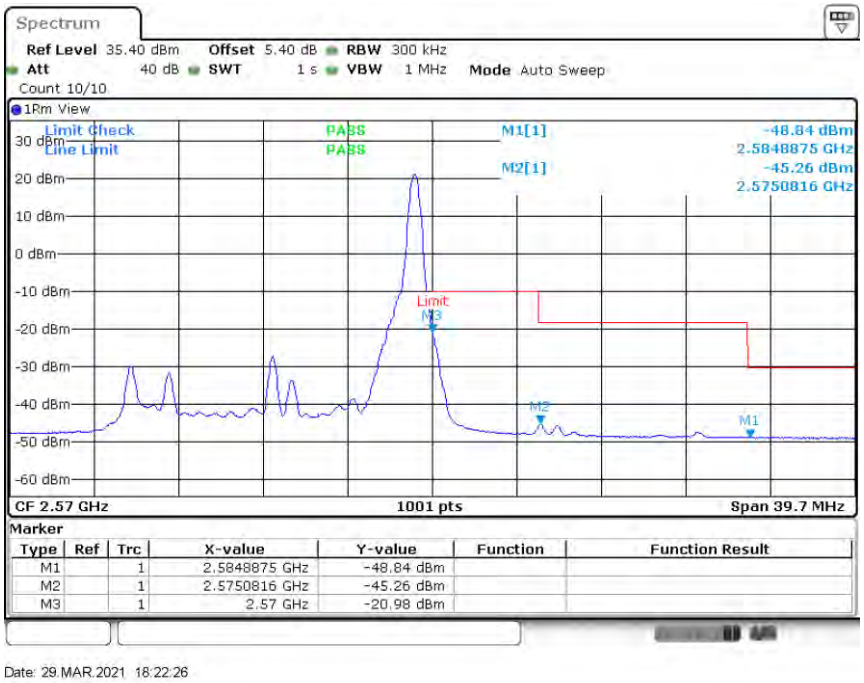

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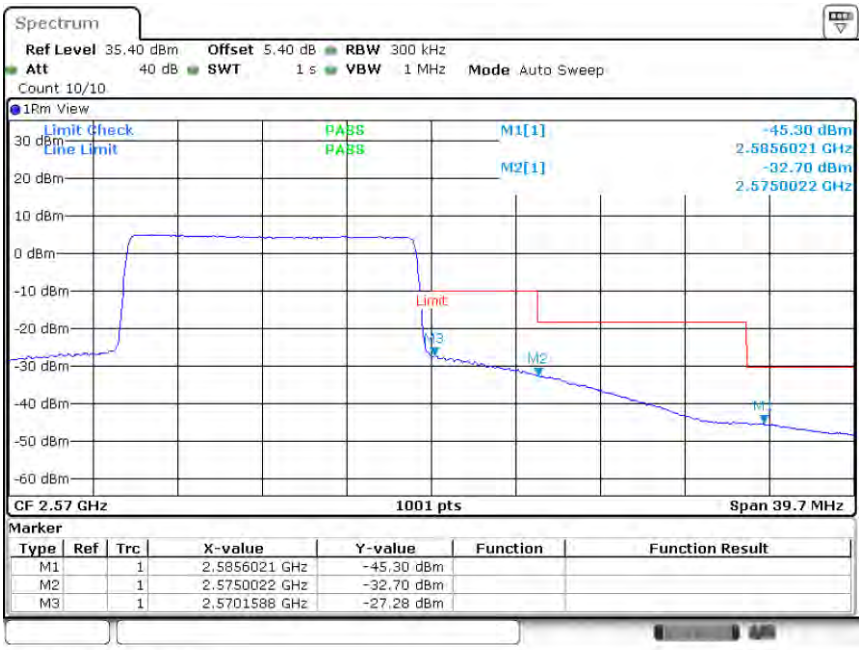

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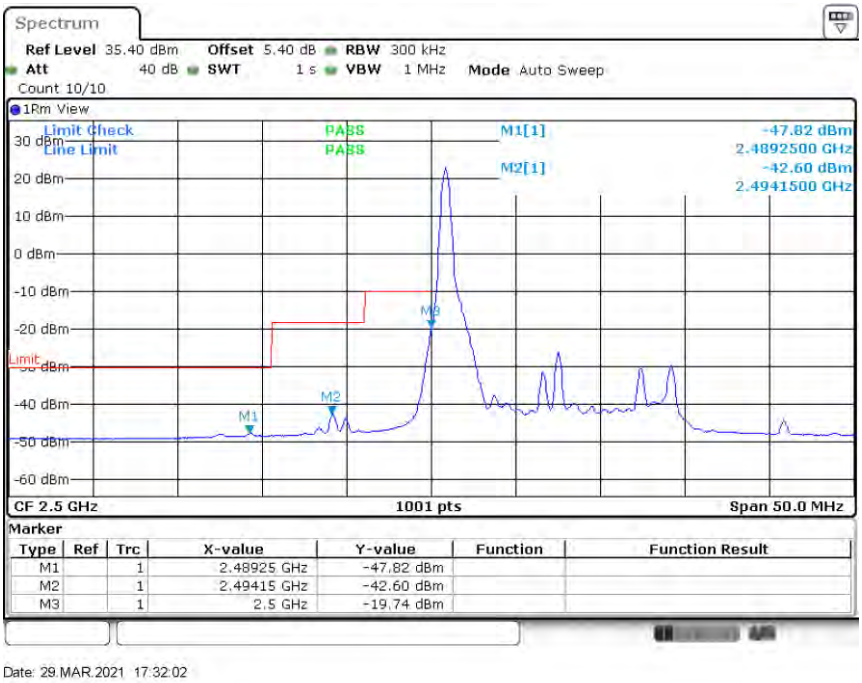

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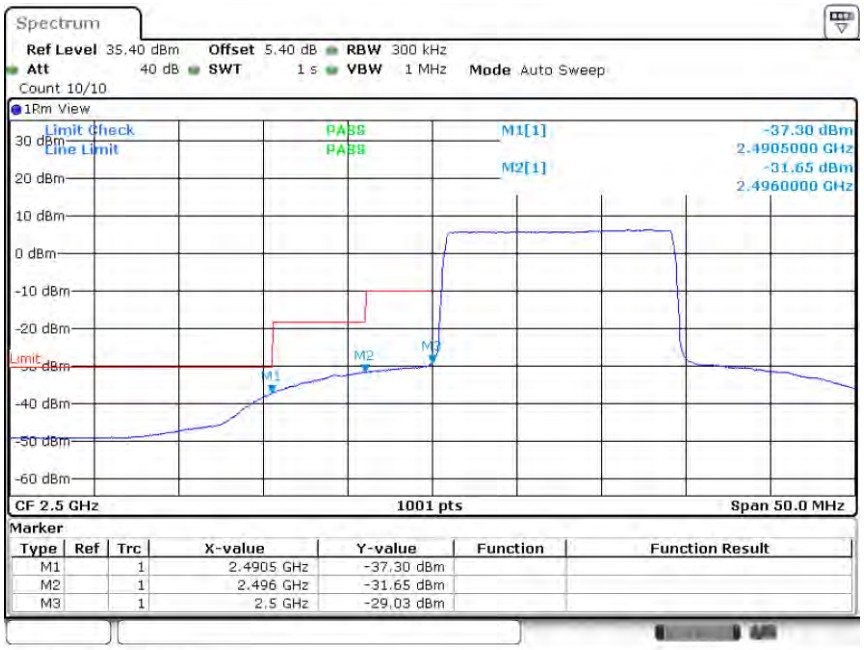

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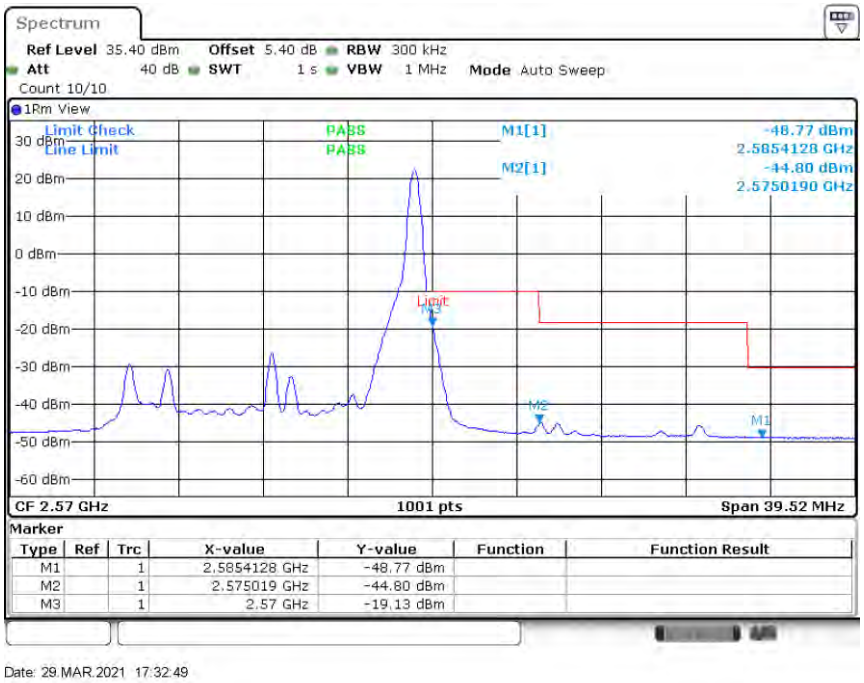

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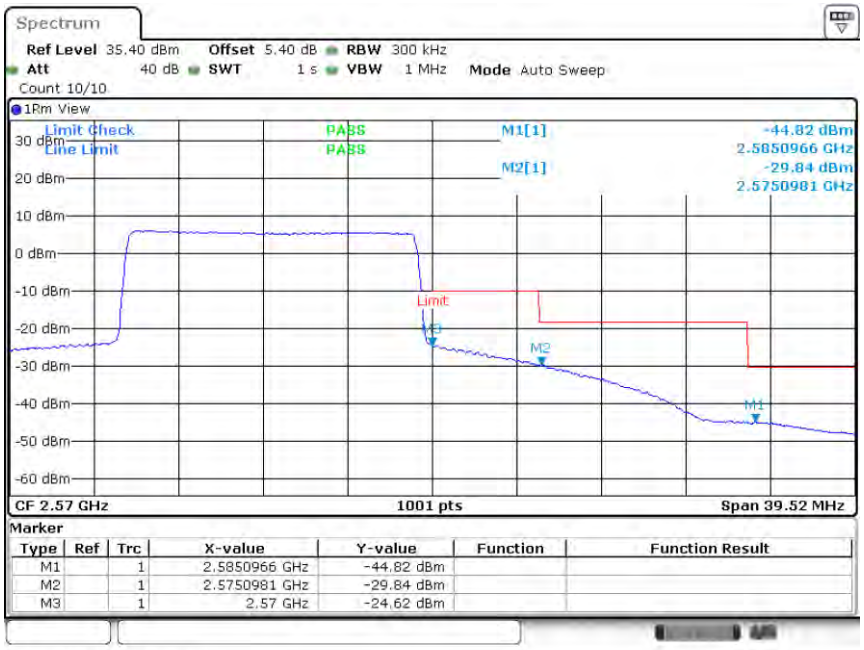

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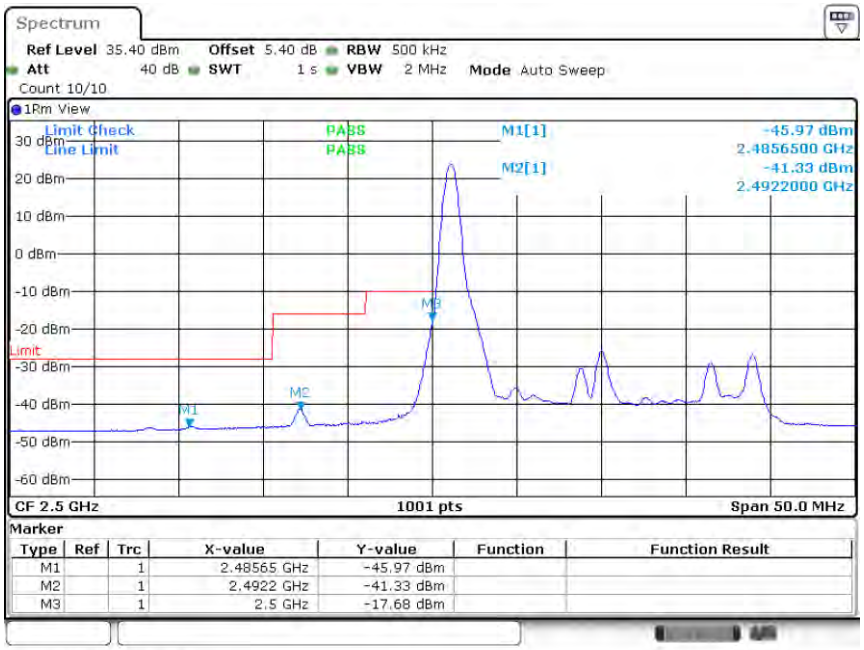
Band7-20MHz-QPSK-20850-1RB#0



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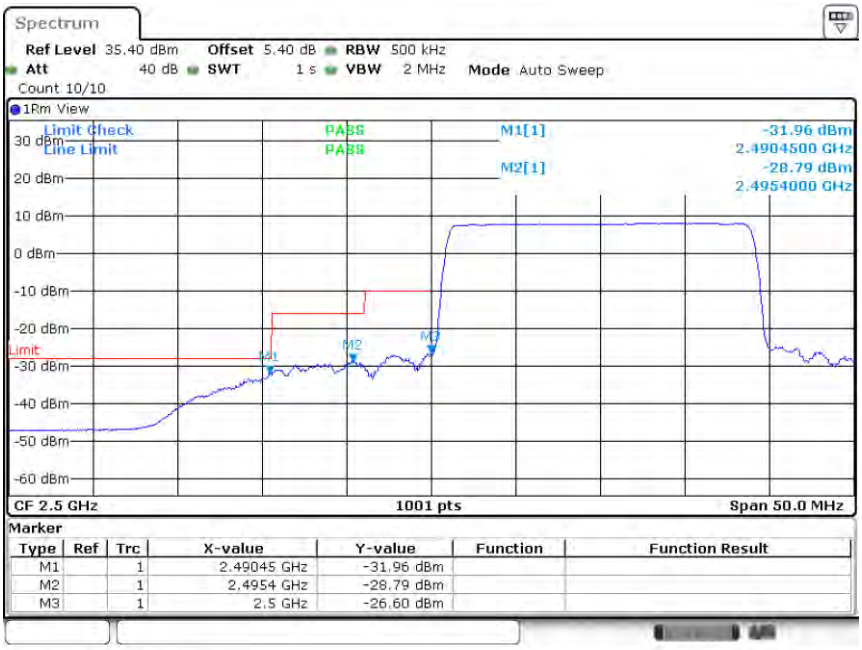
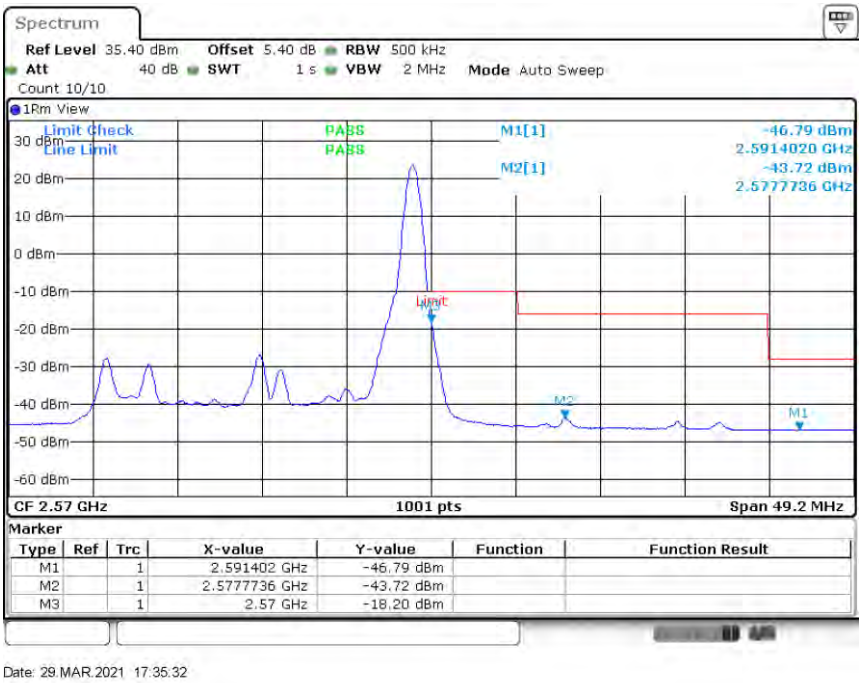


Band7-20MHz-QPSK-21350-1RB#99



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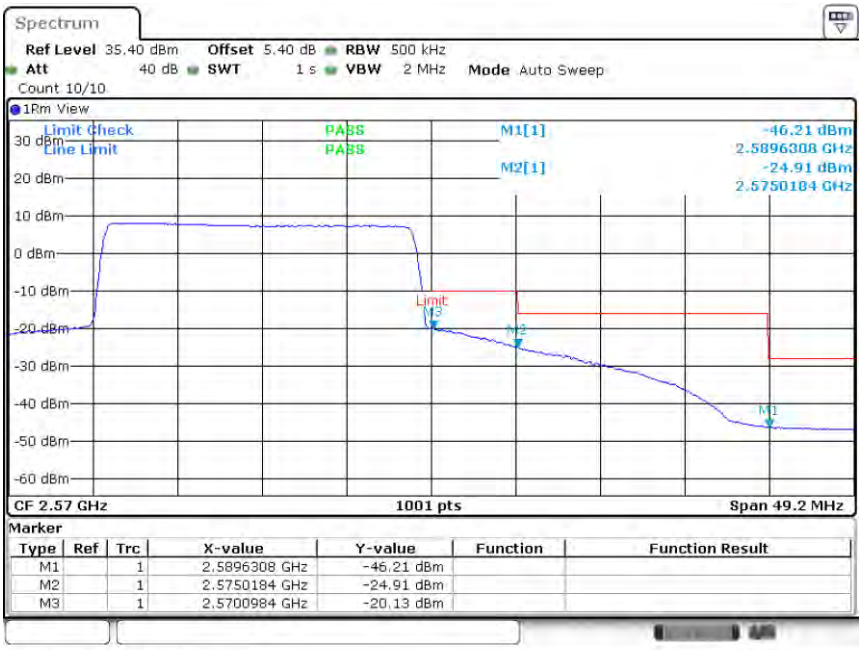
Band7-20MHz-QPSK-21350-100RB#0



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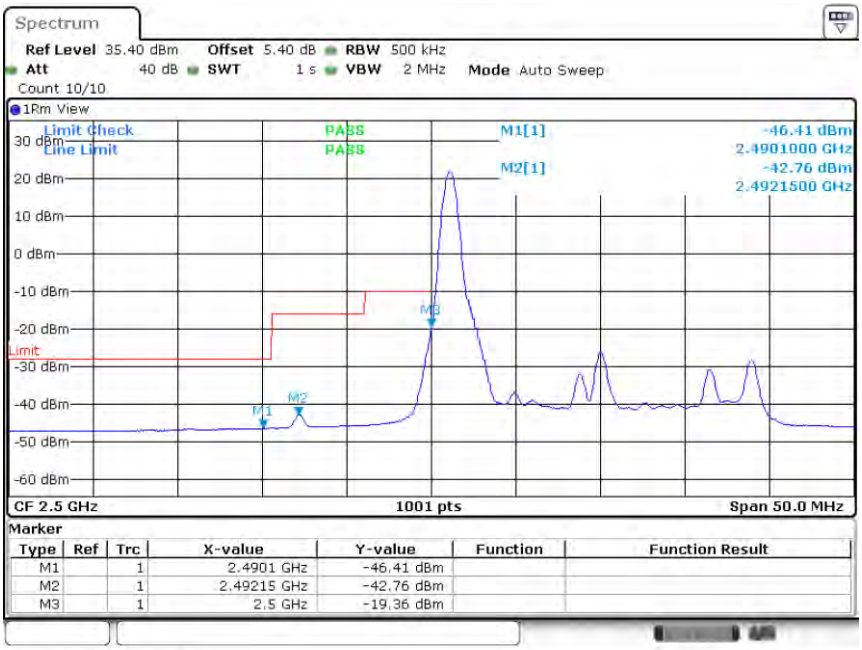
Band7-20MHz-64QAM-20850-1RB#0



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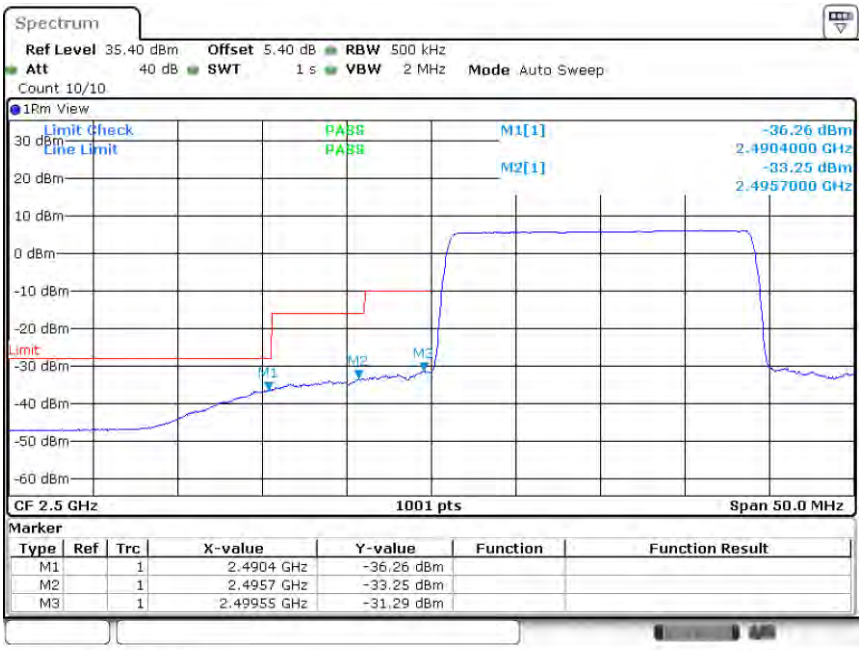
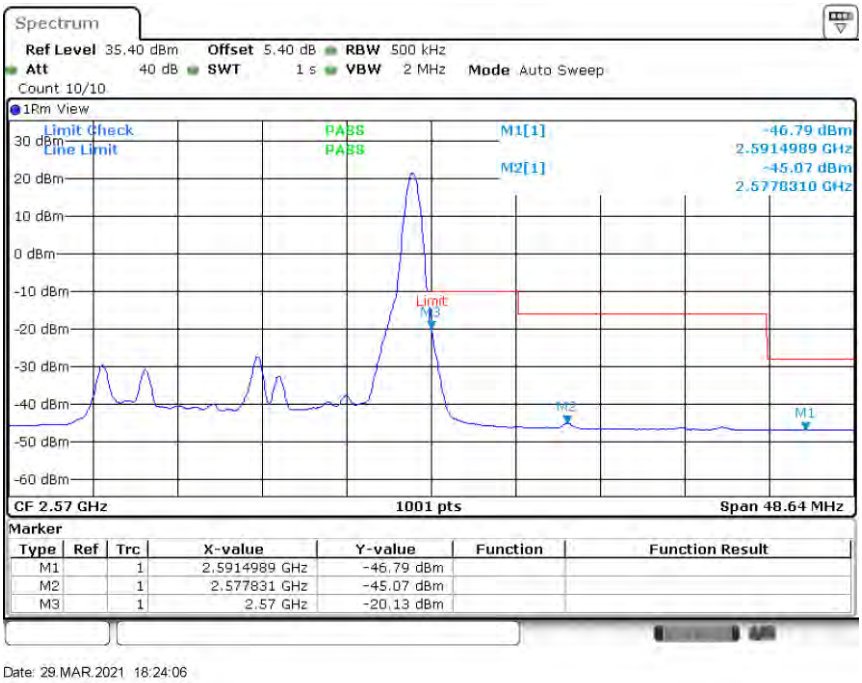
Band7-20MHz-64QAM-20850-100RB#0



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



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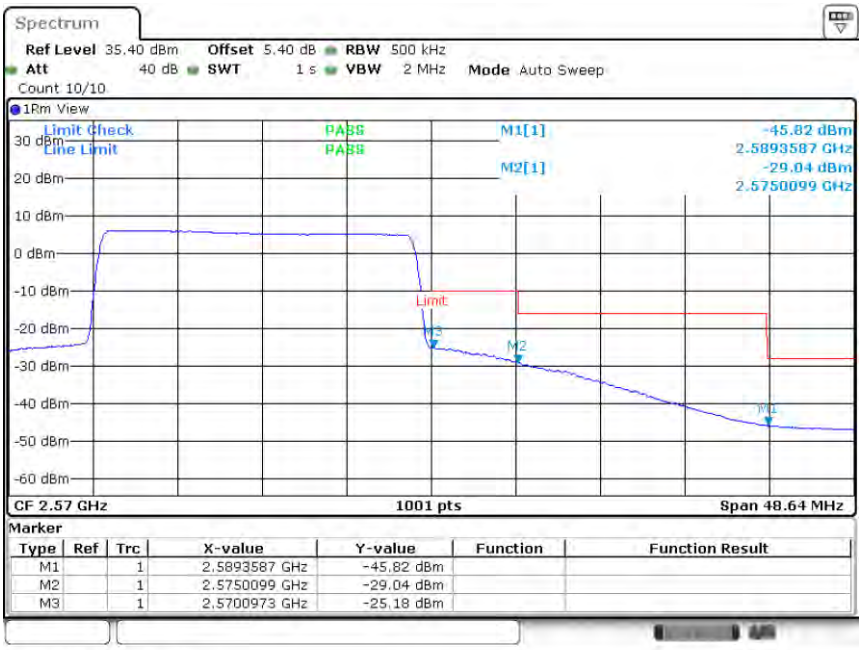
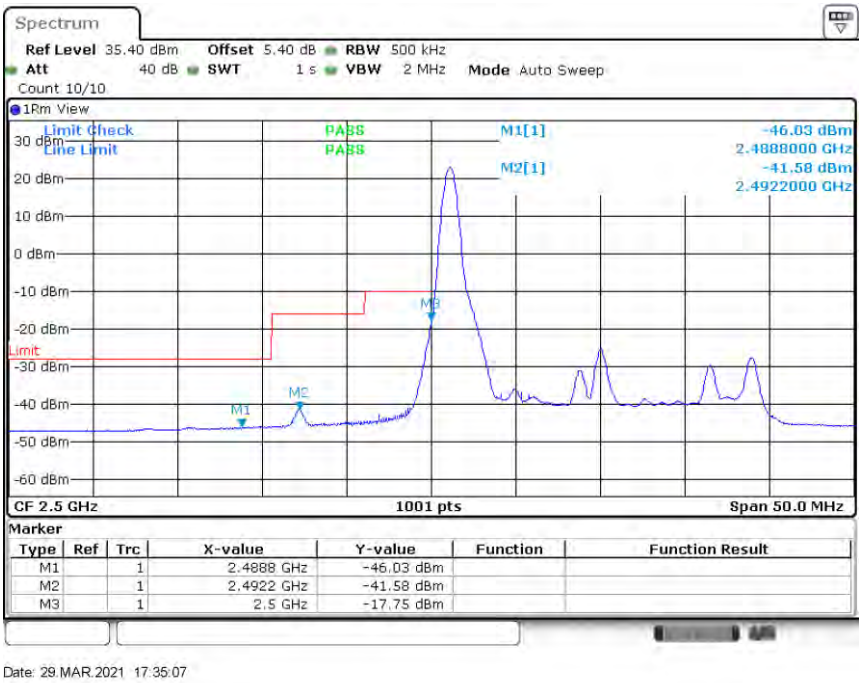
Band7-20MHz-64QAM-21350-100RB#0



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



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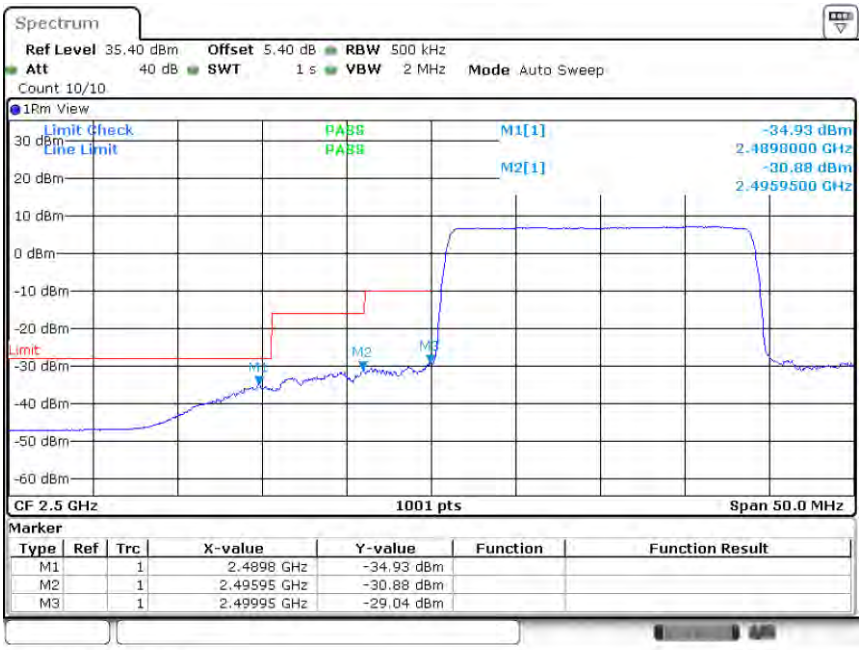
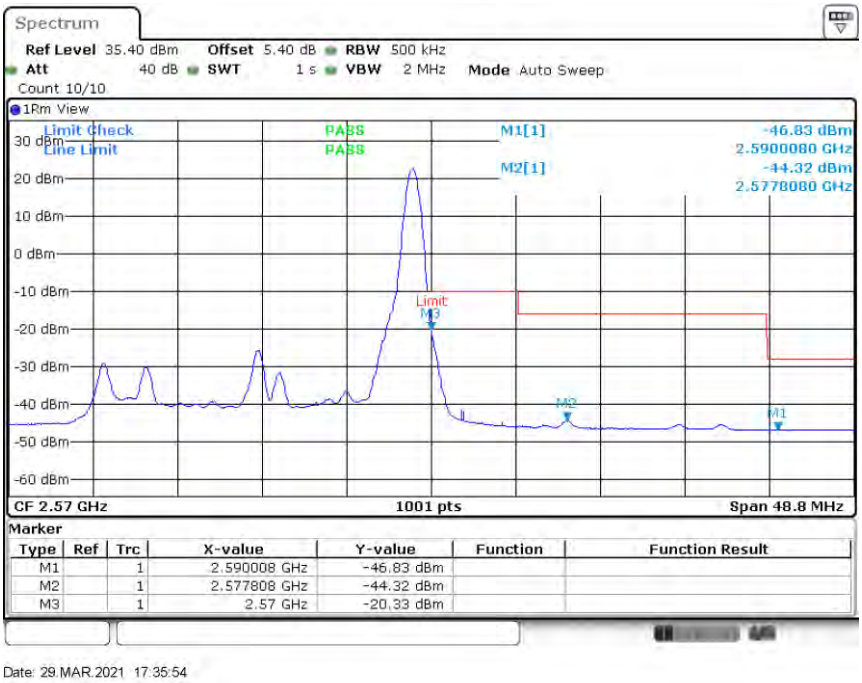
Band7-20MHz-16QAM-20850-100RB#0



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



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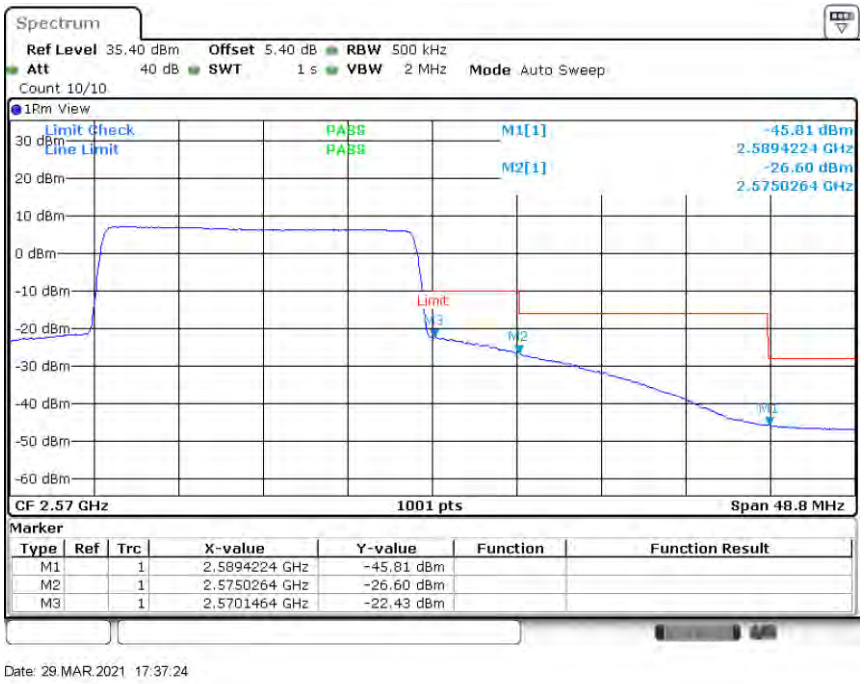
Band7-20MHz-16QAM-21350-100RB#0



Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:
X=Limit+10log (RBW/1000kHz)

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6. Spurious Emission at Antenna Terminal

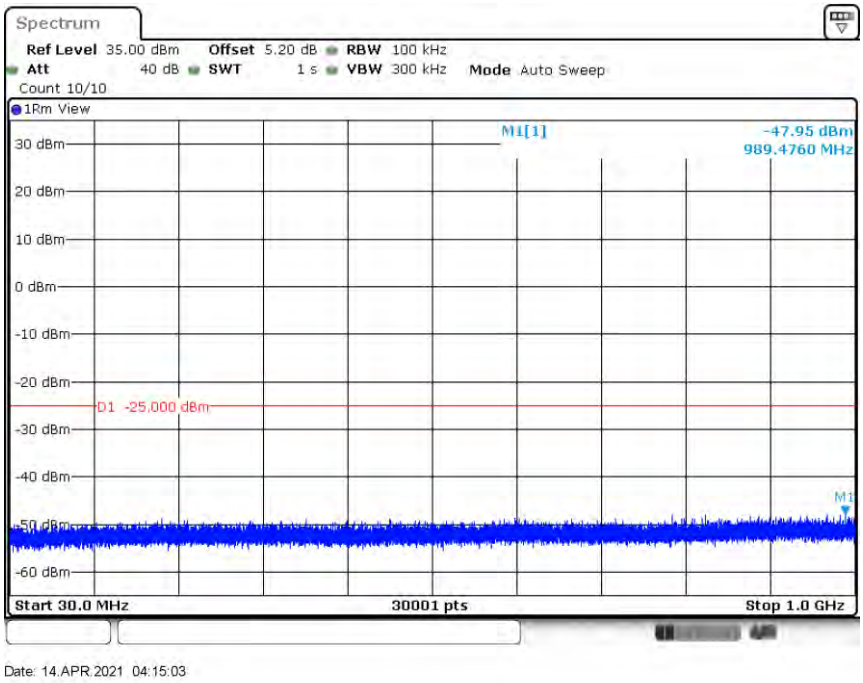
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: 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.

Remark3: 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 had been displayed.

6.1. Test Plots

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



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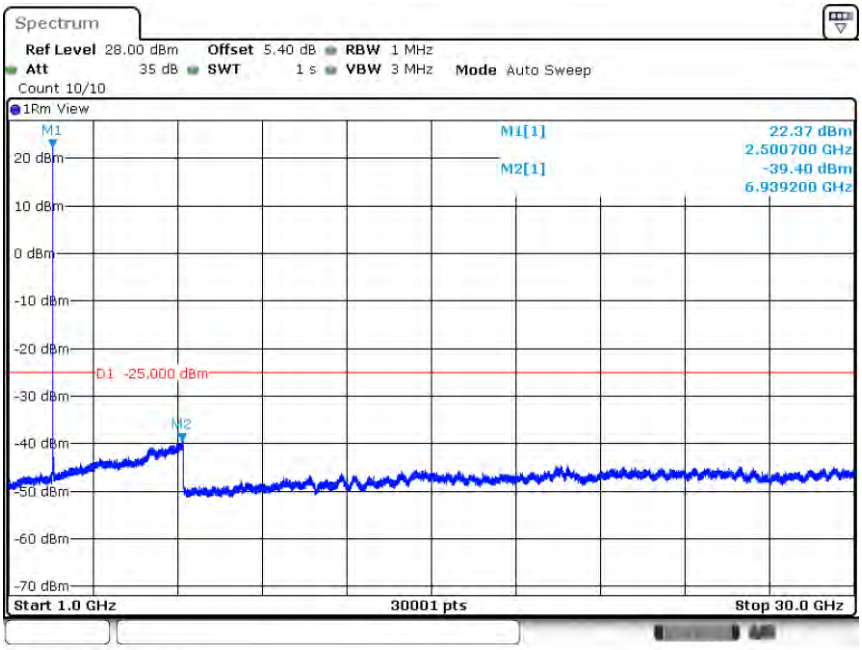

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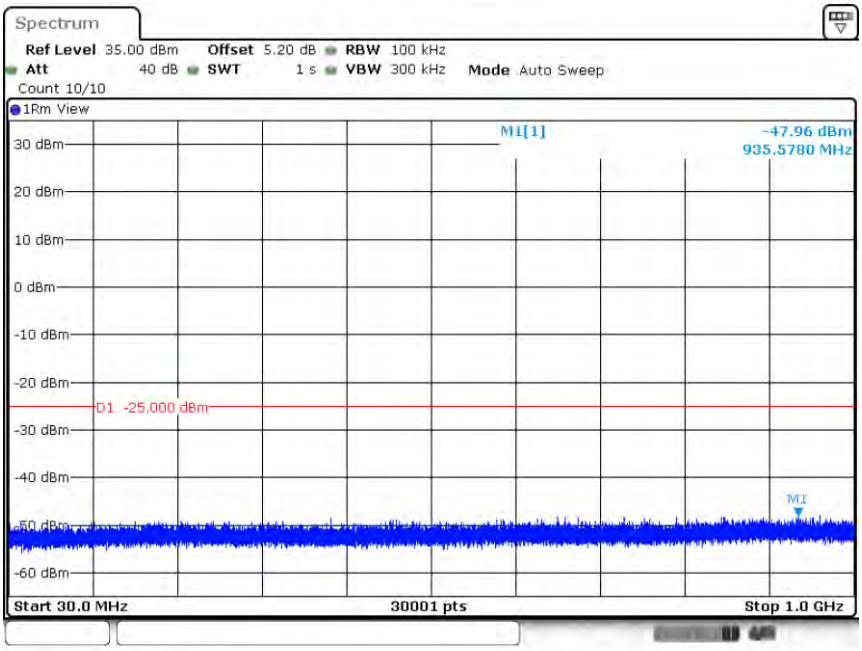
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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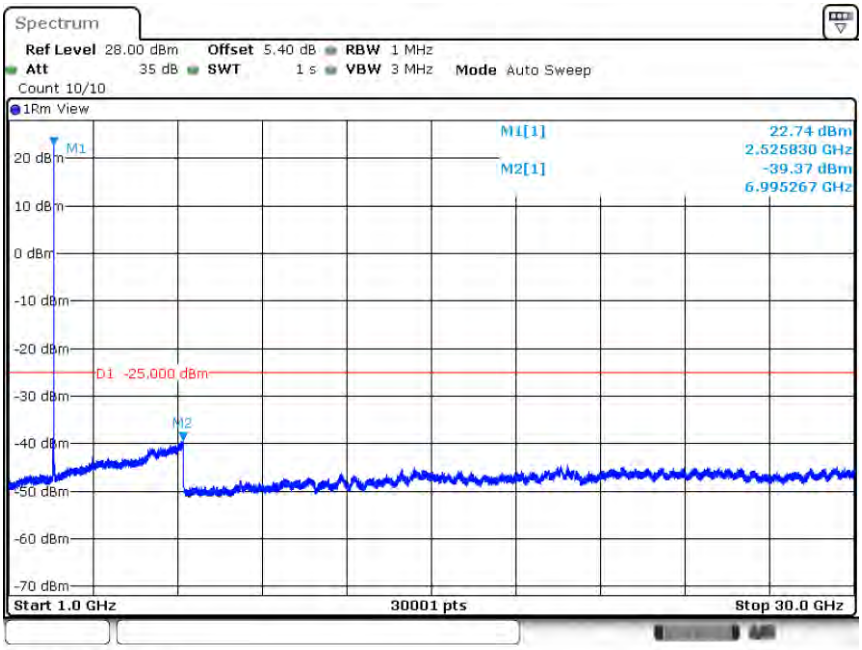
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



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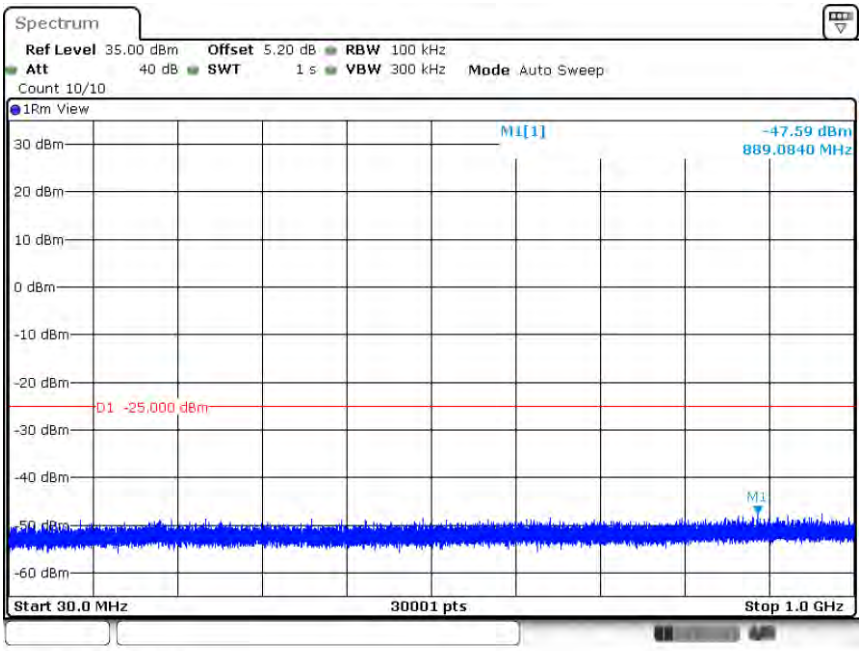
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



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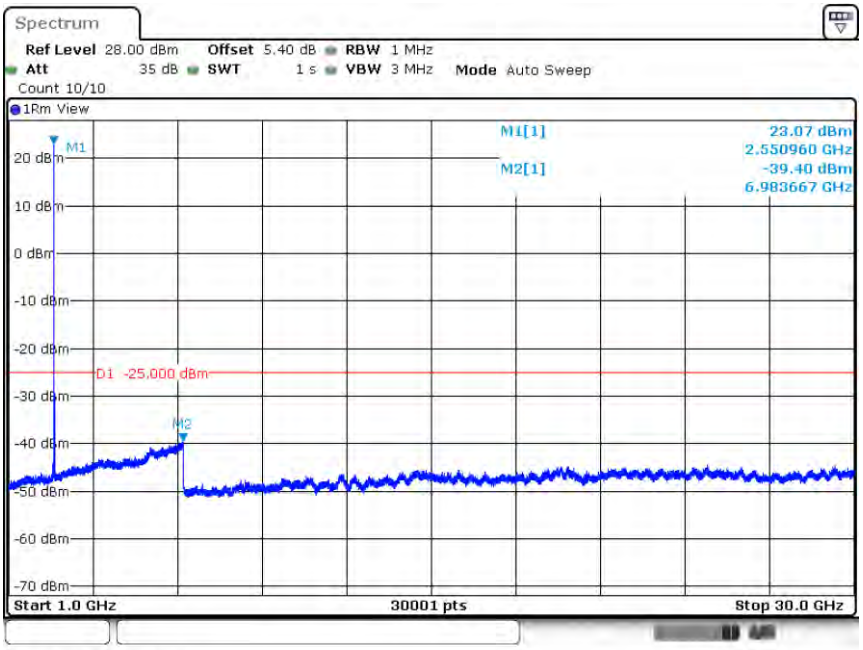
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



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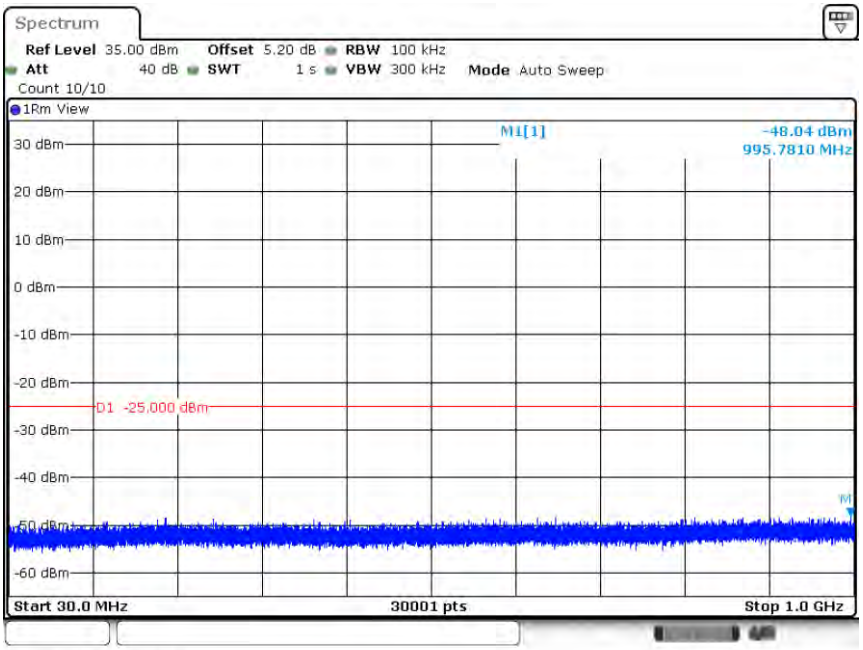
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



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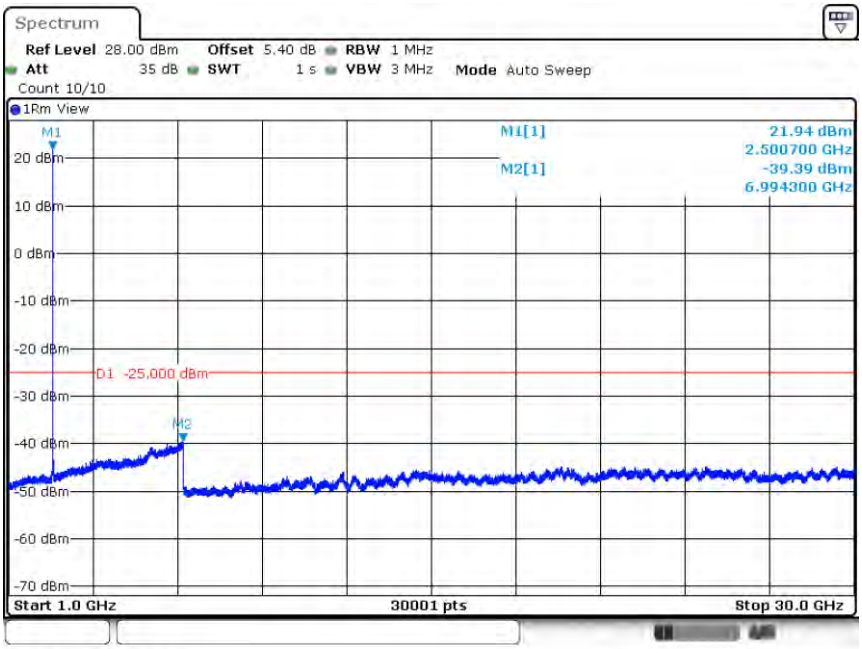
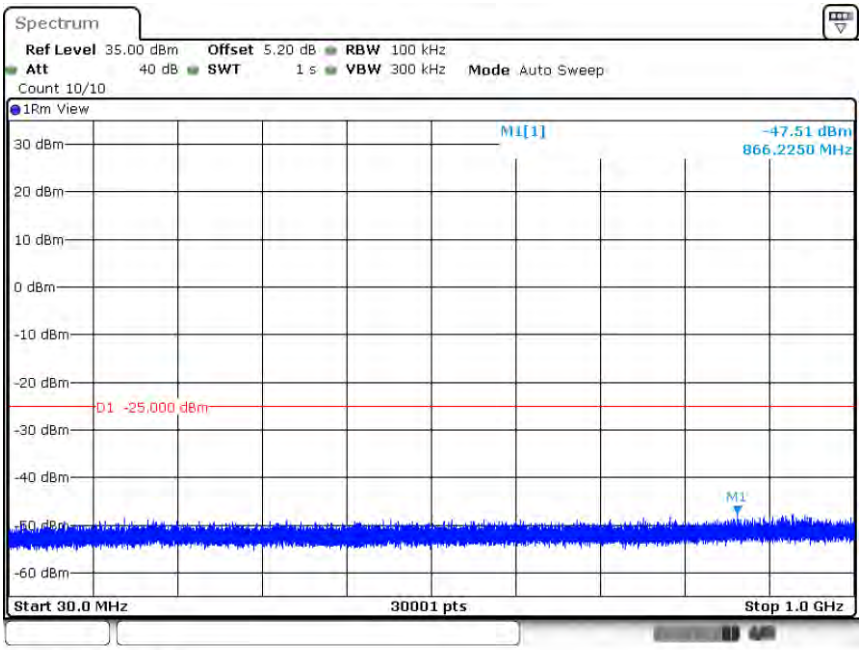


Date: 14.APR.2021 04:53:13

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



Date: 14.APR.2021 04:53:32

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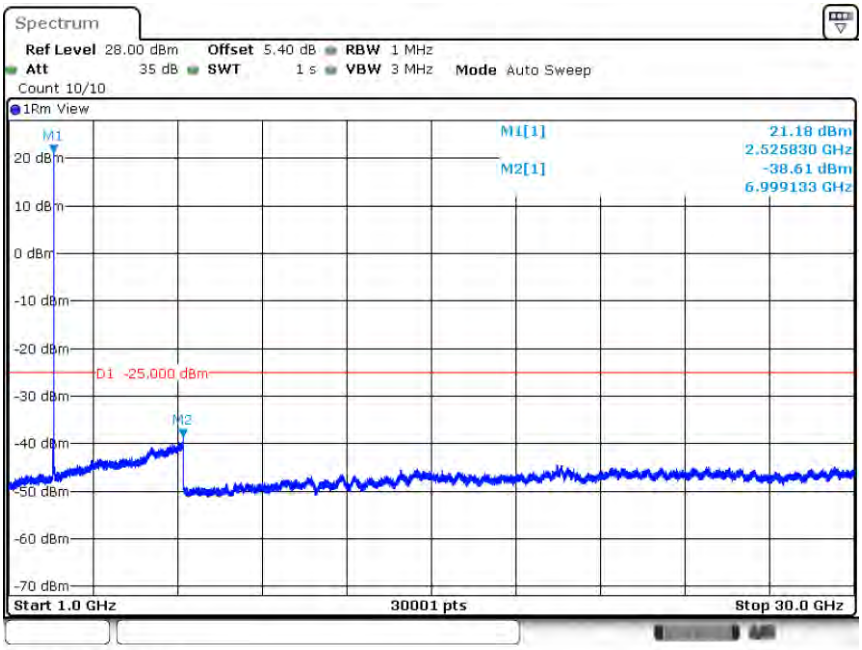
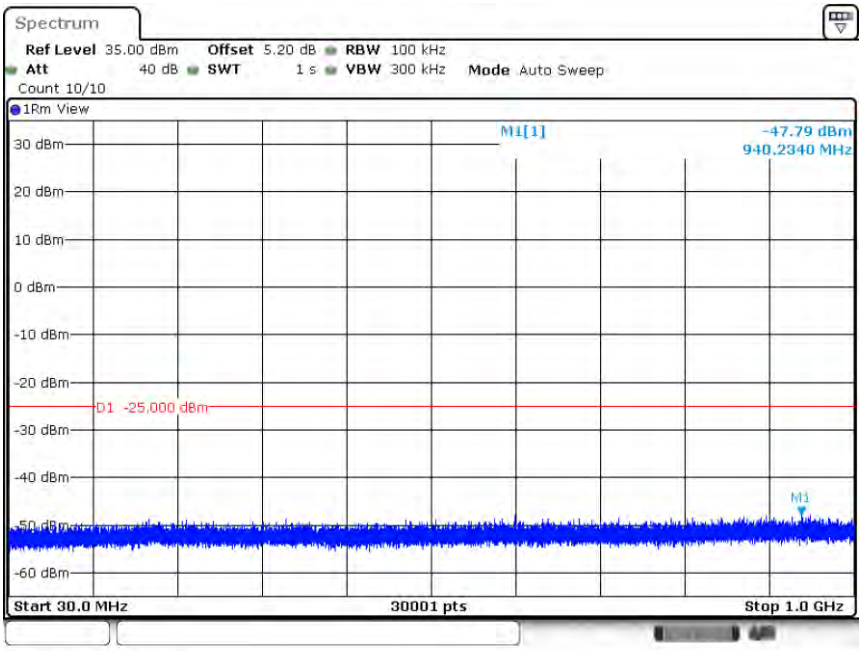
Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 14.APR.2021 04:53:48

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



Date: 14.APR.2021 04:54:08

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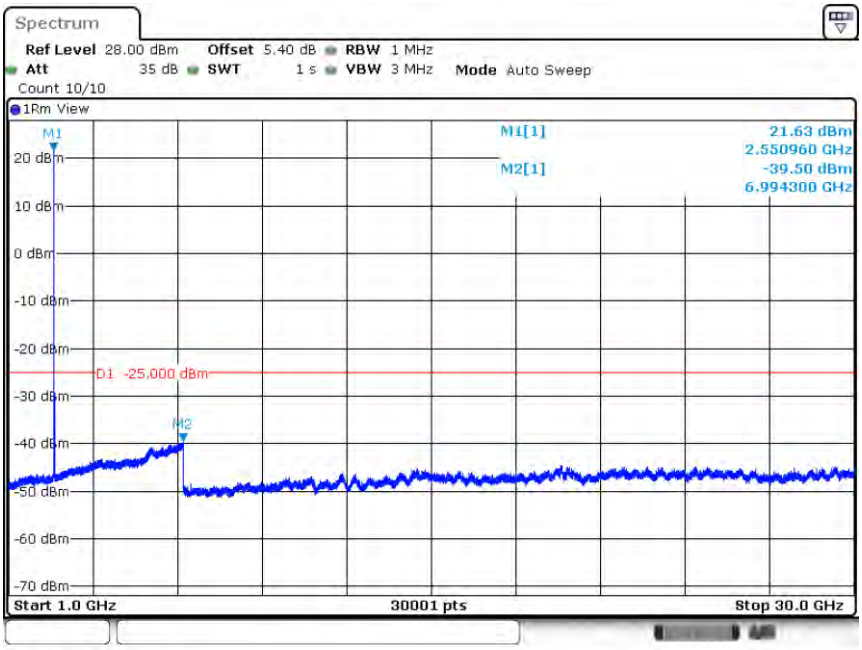
Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



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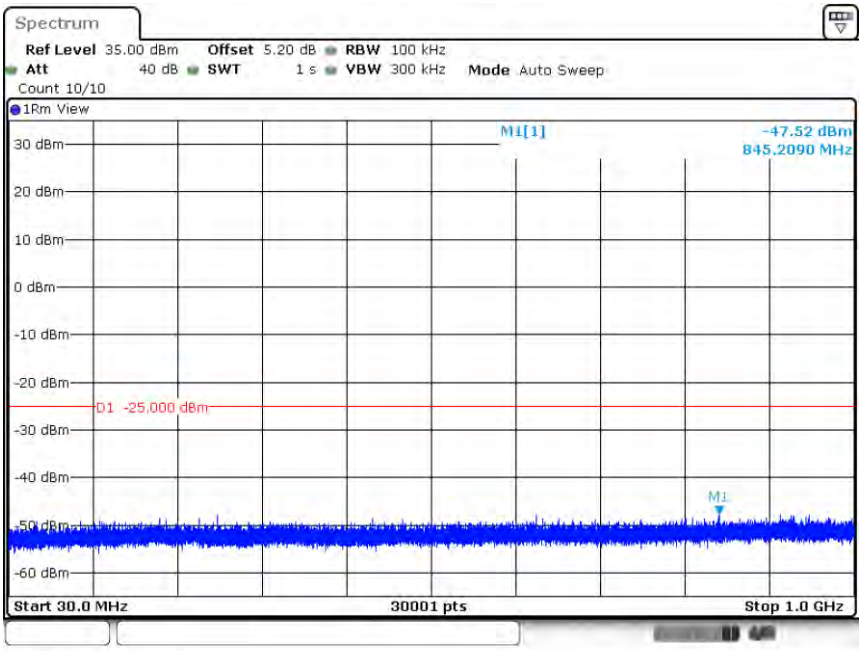
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



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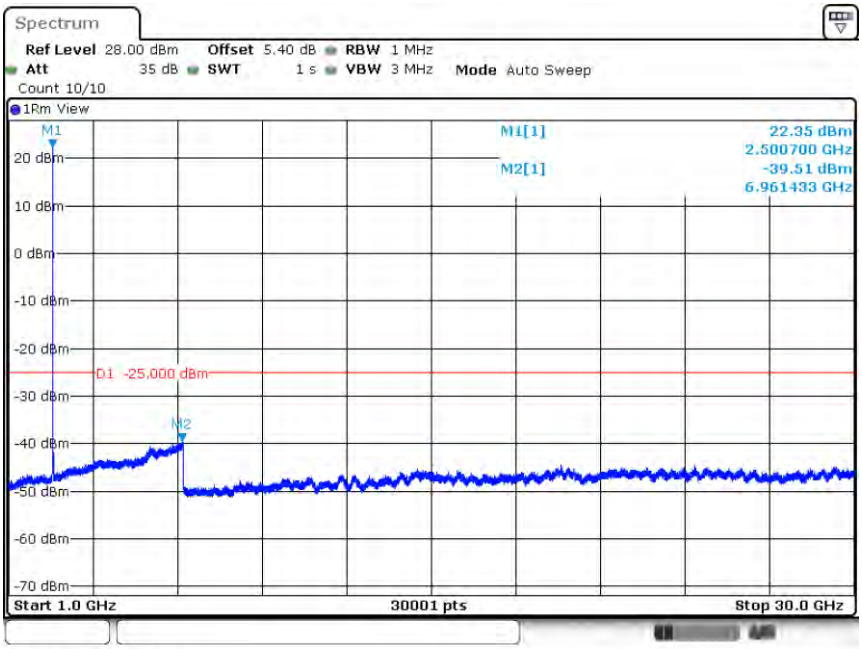
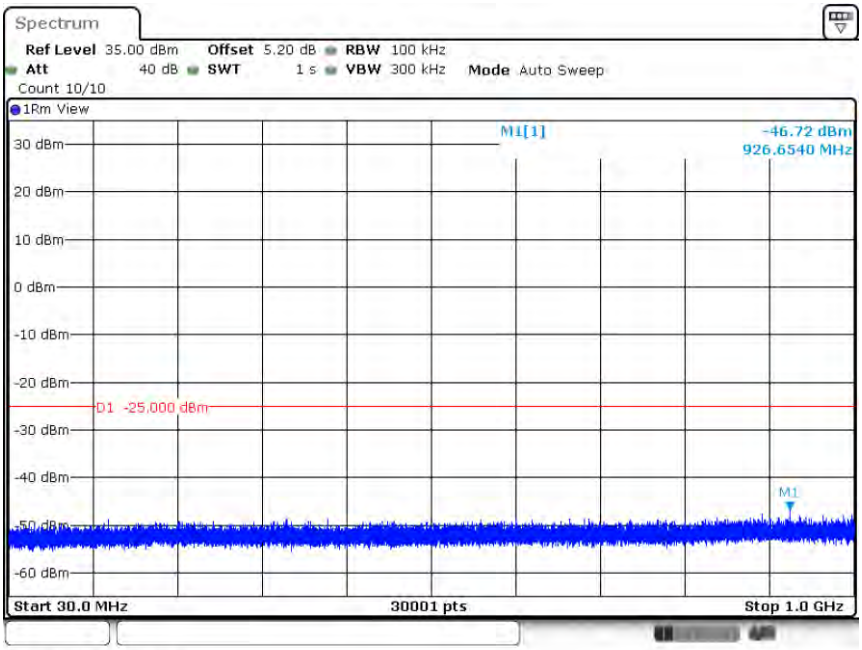


Date: 14.APR.2021 04:15:56

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



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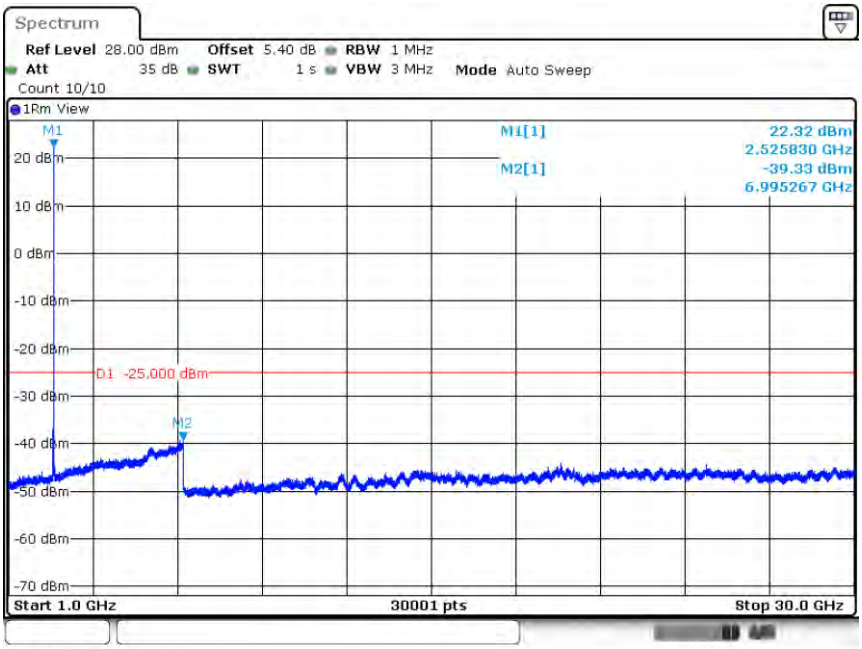

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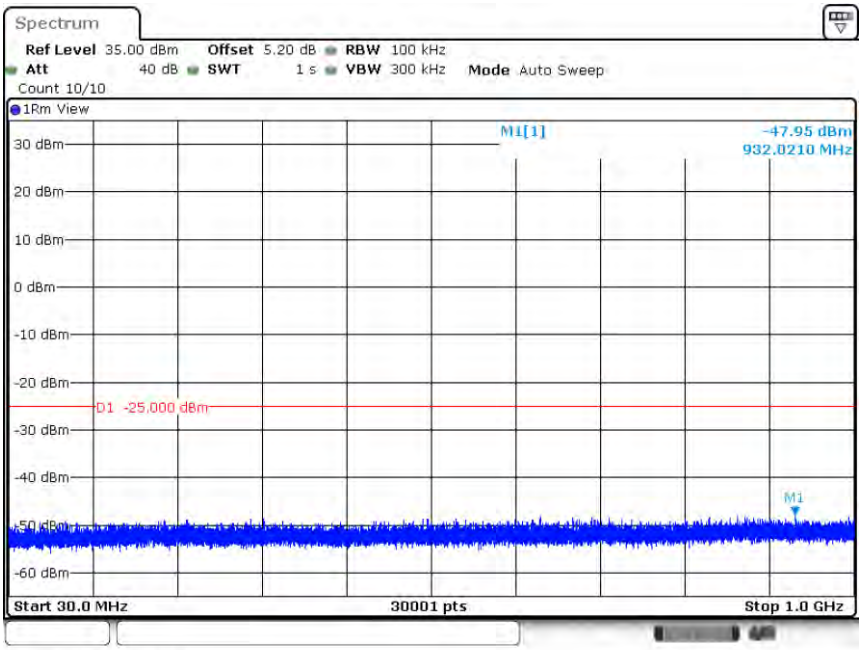
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



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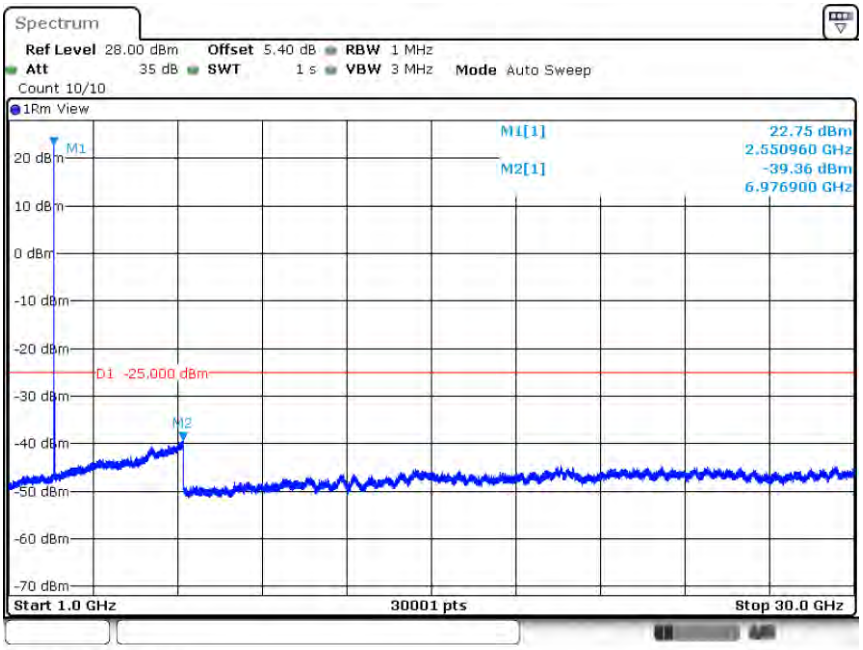

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7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band7 _TM1 ANT13

7.1.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.9455	-99.00	-89.93	-25.00	64.93	Horizontal
2	232.2703	-98.65	-93.75	-25.00	68.75	Horizontal
3	622.0165	-98.80	-89.05	-25.00	64.05	Horizontal
4	5362.8000	-46.61	-46.03	-25.00	21.03	Horizontal
5	10093.200	-49.34	-42.11	-25.00	17.11	Horizontal
6	16941.000	-50.07	-34.49	-25.00	9.49	Horizontal

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7.2. Test Band LTE_Band7 _TM1 ANT13

7.2.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	48.3110	-99.21	-98.66	-25.00	73.66	Vertical
2	111.7327	-99.79	-91.05	-25.00	66.05	Vertical
3	336.6796	-99.55	-95.32	-25.00	70.32	Vertical
4	758.6823	-98.59	-87.21	-25.00	62.21	Vertical
5	5284.2000	-47.09	-46.32	-25.00	21.32	Vertical
6	14814.600	-51.69	-37.89	-25.00	12.89	Vertical

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7.3. Test Band LTE_Band7 _TM1 ANT13

7.3.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	45.5219	-99.60	-99.67	-25.00	74.67	Vertical
2	115.7345	-99.45	-91.11	-25.00	66.11	Vertical
3	294.6006	-98.05	-94.79	-25.00	69.79	Vertical
4	613.5279	-97.98	-88.25	-25.00	63.25	Vertical
5	5322.0000	-47.64	-46.86	-25.00	21.86	Vertical
6	14672.400	-52.31	-38.66	-25.00	13.66	Vertical

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7.4. Test Band LTE_Band7 _TM1 ANT13

7.4.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0351	-100.15	-91.23	-25.00	66.23	Horizontal
2	250.3388	-99.32	-94.54	-25.00	69.54	Horizontal
3	621.4102	-98.29	-88.54	-25.00	63.54	Horizontal
4	1377.5000	-84.87	-65.46	-25.00	40.46	Horizontal
5	5256.0000	-47.81	-47.15	-25.00	22.15	Horizontal
6	12909.600	-51.69	-40.33	-25.00	15.33	Horizontal

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7.5. Test Band LTE_Band7 _TM1 ANT13

7.5.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.2162	-98.80	-90.17	-25.00	65.17	Horizontal
2	247.7922	-98.34	-93.60	-25.00	68.60	Horizontal
3	621.6527	-98.61	-88.86	-25.00	63.86	Horizontal
4	1512.2500	-81.08	-61.51	-25.00	36.51	Horizontal
5	5335.2000	-47.24	-46.16	-25.00	21.16	Horizontal
6	14961.600	-51.80	-39.41	-25.00	14.41	Horizontal

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7.6. Test Band LTE_Band7 _TM1 ANT13

7.6.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.1300	-99.53	-98.62	-25.00	73.62	Vertical
2	113.3092	-99.96	-91.37	-25.00	66.37	Vertical
3	616.4383	-98.71	-89.04	-25.00	64.04	Vertical
4	5358.0000	-47.42	-47.19	-25.00	22.19	Vertical
5	14943.000	-51.67	-38.39	-25.00	13.39	Vertical
6	17931.000	-50.19	-31.04	-25.00	6.04	Vertical

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7.7. Test Band LTE_Band7 _TM1 ANT31

7.7.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.0286	-97.57	-66.89	-25.00	41.89	Horizontal
2	94.2657	-93.85	-76.05	-25.00	51.05	Horizontal
3	234.9227	-96.50	-71.69	-25.00	46.69	Horizontal
4	717.4734	-96.39	-68.68	-25.00	43.68	Horizontal
5	5272.2000	-47.75	-46.74	-25.00	21.74	Horizontal
6	14553.000	-52.00	-39.30	-25.00	14.30	Horizontal

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7.8. Test Band LTE_Band7 _TM1 ANT31

7.8.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.6292	-94.89	-74.56	-25.00	49.56	Vertical
2	111.0476	-96.24	-66.93	-25.00	41.93	Vertical
3	291.6221	-95.55	-72.63	-25.00	47.63	Vertical
4	624.5427	-95.46	-68.61	-25.00	43.61	Vertical
5	5258.4000	-47.67	-47.41	-25.00	22.41	Vertical
6	14849.400	-51.49	-38.08	-25.00	13.08	Vertical

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7.9. Test Band LTE_Band7 _TM1 ANT31

7.9.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.5453	-90.52	-58.14	-25.00	33.14	Horizontal
2	248.1207	-89.49	-61.45	-25.00	36.45	Horizontal
3	994.2447	-90.16	-51.37	-25.00	26.37	Horizontal
4	5290.2916	-56.07	-54.67	-25.00	29.67	Horizontal
5	16432.137	-58.57	-44.00	-25.00	19.00	Horizontal
6	17993.399	-59.35	-44.63	-25.00	19.63	Horizontal

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7.10. Test Band LTE_Band7 _TM1 ANT31

7.10.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	50.4347	-90.35	-66.21	-25.00	41.21	Vertical
2	104.9487	-90.77	-60.08	-25.00	35.08	Vertical
3	570.9367	-89.89	-59.73	-25.00	34.73	Vertical
4	5305.8922	-56.15	-55.15	-25.00	30.15	Vertical
5	14783.271	-60.54	-47.05	-25.00	22.05	Vertical
6	17995.199	-59.38	-39.93	-25.00	14.93	Vertical

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7.11. Test Band LTE_Band7 _TM1 ANT31

7.11.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.5800	-91.37	-58.96	-25.00	33.96	Horizontal
2	241.5893	-89.60	-61.30	-25.00	36.30	Horizontal
3	1499.1400	-78.91	-59.17	-25.00	34.17	Horizontal
4	5312.4925	-55.90	-54.48	-25.00	29.48	Horizontal
5	10928.717	-59.65	-51.03	-25.00	26.03	Horizontal
6	16424.337	-58.54	-43.65	-25.00	18.65	Horizontal

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7.12. Test Band LTE_Band7 _TM1 ANT31

7.12.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	114.0020	-90.54	-58.96	-25.00	33.96	Vertical
2	336.7787	-89.70	-62.36	-25.00	37.36	Vertical
3	601.9120	-89.72	-58.21	-25.00	33.21	Vertical
4	5299.2920	-55.83	-54.76	-25.00	29.76	Vertical
5	14791.671	-60.65	-46.92	-25.00	21.92	Vertical
6	17989.199	-59.43	-39.96	-25.00	14.96	Vertical

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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	11.20	0.004462	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	9.80	0.003904	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	3.00	0.001195	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	8.40	0.003314	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	9.20	0.003629	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	1.80	0.000710	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	6.20	0.002422	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	12.90	0.005039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	7.90	0.003086	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	8.20	0.003267	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	10.10	0.004024	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	10.80	0.004303	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	8.40	0.003314	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	10.20	0.004024	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	6.60	0.002604	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	11.80	0.004609	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	10.70	0.004180	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	5.60	0.002188	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	10.10	0.004024	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	2.80	0.001116	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	10.80	0.004303	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	5.50	0.002170	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	7.50	0.002959	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	9.90	0.003905	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	7.10	0.002773	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	7.70	0.003008	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	11.00	0.004297	±2.5	PASS

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8.2. Frequency Vs 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	6.80	0.002709	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	10.70	0.004263	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	9.00	0.003586	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	14.20	0.005657	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	13.20	0.005259	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	12.30	0.004900	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	11.10	0.004422	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	12.60	0.005020	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	9.30	0.003705	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	6.30	0.002485	±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	9.10	0.003590	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	5.50	0.002170	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	10.20	0.004024	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	11.30	0.004458	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	11.20	0.004418	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	5.60	0.002209	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	9.90	0.003905	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	8.20	0.003203	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	9.80	0.003828	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	10.20	0.003984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	9.40	0.003672	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	5.60	0.002188	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	10.20	0.003984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	10.20	0.003984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	10.00	0.003906	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	9.50	0.003711	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	9.40	0.003745	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	13.20	0.005259	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	4.50	0.001793	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	6.20	0.002470	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	7.90	0.003147	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	6.10	0.002430	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	10.20	0.004064	±2.5	PASS

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Band7	20MHz	64QAM	20850	100RB#0	NV	40	8.30	0.003307	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	8.10	0.003227	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-0.40	-0.000158	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	3.40	0.001341	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	3.40	0.001341	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	3.50	0.001381	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	8.10	0.003195	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	6.40	0.002525	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	9.20	0.003629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	8.60	0.003393	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	0.20	0.000079	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	8.40	0.003281	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	10.60	0.004141	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	8.30	0.003242	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	8.40	0.003281	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	5.90	0.002305	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	6.80	0.002656	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	9.00	0.003516	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	8.20	0.003203	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	3.60	0.001406	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	15.50	0.006175	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	10.60	0.004223	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	9.20	0.003665	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	13.40	0.005339	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	9.10	0.003625	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	8.60	0.003426	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	8.90	0.003546	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	8.70	0.003466	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	5.70	0.002271	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	5.60	0.002209	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	11.10	0.004379	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	6.70	0.002643	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	11.50	0.004536	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	5.40	0.002130	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	6.90	0.002722	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	3.70	0.001460	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	1.50	0.000592	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	4.20	0.001657	±2.5	PASS

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Band7	20MHz	16QAM	21350	100RB#0	NV	-30	9.40	0.003672	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	4.30	0.001680	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	9.10	0.003555	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	6.90	0.002695	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	9.80	0.003828	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	3.90	0.001523	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	5.80	0.002266	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	5.60	0.002188	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	5.50	0.002148	±2.5	PASS

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