



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT3:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	19.07	18.17	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	19.10	18.20	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	19.23	18.33	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.20	18.30	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.31	18.41	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.34	18.44	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.30	18.40	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	18.92	18.02	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	19.09	18.19	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	19.10	18.20	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	19.20	18.30	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.14	18.24	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	19.20	18.30	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.07	18.17	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	18.85	17.95	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	19.12	18.22	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	19.30	18.40	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.21	18.31	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.21	18.31	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.22	18.32	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.36	18.46	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.01	18.11	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.08	18.18	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.16	18.26	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.10	18.20	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.24	18.34	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.09	18.19	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.15	18.25	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.20	18.30	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.23	18.33	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.30	18.40	33.00	PASS



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Band7	5MHz	16QAM	21100	12RB#0	19.06	18.16	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.30	18.40	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.25	18.35	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.13	18.23	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	19.22	18.32	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	19.06	18.16	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	19.23	18.33	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	19.21	18.31	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.19	18.29	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.15	18.25	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.08	18.18	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	18.94	18.04	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	19.00	18.10	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	19.14	18.24	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.03	18.13	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.20	18.30	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	18.98	18.08	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.15	18.25	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	19.17	18.27	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	19.16	18.26	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	19.22	18.32	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	18.98	18.08	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.27	18.37	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.15	18.25	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.03	18.13	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	19.13	18.23	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	18.95	18.05	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	19.15	18.25	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.16	18.26	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.19	18.29	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.11	18.21	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.07	18.17	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	18.97	18.07	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	19.28	18.38	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	19.23	18.33	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.14	18.24	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.29	18.39	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.35	18.45	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.20	18.30	33.00	PASS



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Band7	10MHz	QPSK	21100	1RB#0	18.99	18.09	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	19.18	18.28	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	19.20	18.30	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	19.11	18.21	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	19.09	18.19	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	19.17	18.27	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	19.12	18.22	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	18.96	18.06	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	19.22	18.32	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	19.21	18.31	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	19.24	18.34	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.37	18.47	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.37	18.47	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.30	18.40	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	18.96	18.06	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.05	18.15	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.23	18.33	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	19.18	18.28	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.21	18.31	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.17	18.27	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.26	18.36	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	19.20	18.30	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	19.14	18.24	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	19.27	18.37	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.12	18.22	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.23	18.33	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.21	18.31	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.12	18.22	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	19.12	18.22	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	19.14	18.24	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	19.11	18.21	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.16	18.26	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.15	18.25	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.08	18.18	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.16	18.26	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	18.86	17.96	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	18.94	18.04	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	19.13	18.23	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.09	18.19	33.00	PASS



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Band7	10MHz	64QAM	20800	25RB#12	19.14	18.24	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.12	18.22	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.19	18.29	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	19.13	18.23	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	19.06	18.16	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	19.19	18.29	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.03	18.13	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.17	18.27	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.15	18.25	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.02	18.12	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	19.03	18.13	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	19.09	18.19	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	19.08	18.18	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.09	18.19	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.05	18.15	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.03	18.13	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.09	18.19	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	19.06	18.16	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	19.23	18.33	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	19.26	18.36	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.23	18.33	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.24	18.34	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.37	18.47	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.11	18.21	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	18.88	17.98	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	19.08	18.18	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	19.17	18.27	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	19.24	18.34	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	19.15	18.25	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	19.19	18.29	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	19.10	18.20	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	18.89	17.99	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	19.22	18.32	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	19.26	18.36	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	19.13	18.23	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.21	18.31	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.25	18.35	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.22	18.32	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	18.92	18.02	33.00	PASS



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Band7	15MHz	16QAM	20825	1RB#38	19.25	18.35	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	19.25	18.35	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.24	18.34	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	19.14	18.24	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.24	18.34	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.26	18.36	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.21	18.31	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	19.24	18.34	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	19.15	18.25	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	19.11	18.21	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	19.28	18.38	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	19.24	18.34	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.28	18.38	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.11	18.21	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	19.11	18.21	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	19.19	18.29	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	19.30	18.40	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	19.13	18.23	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.10	18.20	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.13	18.23	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	18.84	17.94	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	19.21	18.31	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	19.16	18.26	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	19.24	18.34	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	19.09	18.19	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	19.13	18.23	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.25	18.35	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	19.11	18.21	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	19.22	18.32	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	19.05	18.15	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	19.11	18.21	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	19.25	18.35	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	19.18	18.28	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.22	18.32	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	19.04	18.14	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	19.00	18.10	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	19.13	18.23	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	19.26	18.36	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	19.13	18.23	33.00	PASS



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Band7	15MHz	64QAM	21375	38RB#37	18.99	18.09	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.04	18.14	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	18.97	18.07	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	19.20	18.30	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	19.29	18.39	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.21	18.31	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	19.25	18.35	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	19.34	18.44	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.21	18.31	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	18.90	18.00	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	19.18	18.28	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	19.18	18.28	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	19.20	18.30	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	19.18	18.28	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	19.23	18.33	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	19.10	18.20	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	18.92	18.02	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	19.19	18.29	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	19.27	18.37	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.17	18.27	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	19.28	18.38	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.28	18.38	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.28	18.38	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	18.96	18.06	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	19.15	18.25	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.20	18.30	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.20	18.30	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.23	18.33	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.16	18.26	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.17	18.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	19.25	18.35	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	19.24	18.34	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.30	18.40	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.16	18.26	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.29	18.39	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.22	18.32	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.18	18.28	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	19.18	18.28	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.14	18.24	33.00	PASS



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Band7	20MHz	16QAM	21350	1RB#99	19.17	18.27	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.25	18.35	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.17	18.27	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.15	18.25	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.16	18.26	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	18.87	17.97	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	19.11	18.21	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	19.17	18.27	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.14	18.24	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.17	18.27	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.06	18.16	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.15	18.25	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	19.22	18.32	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	19.13	18.23	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	19.21	18.31	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.12	18.22	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.29	18.39	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	19.16	18.26	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.13	18.23	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	19.17	18.27	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	19.07	18.17	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	19.11	18.21	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.25	18.35	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.08	18.18	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.10	18.20	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.13	18.23	33.00	PASS



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ANT4:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.13	22.33	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.09	22.29	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.11	22.31	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.13	21.33	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.05	21.25	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.17	21.37	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.09	21.29	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.14	22.34	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.26	22.46	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.32	22.52	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.25	21.45	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.21	21.41	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.21	21.41	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.23	21.43	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.16	22.36	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.37	22.57	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.44	22.64	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.12	21.32	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.29	21.49	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.28	21.48	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.24	21.44	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.23	21.43	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.30	21.50	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.26	21.46	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.09	20.29	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.14	20.34	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.15	20.35	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.18	20.38	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.23	21.43	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.21	21.41	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.19	21.39	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.22	20.42	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.17	20.37	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.07	20.27	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.24	20.44	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.21	21.41	33.00	PASS



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Band7	5MHz	16QAM	21425	1RB#12	22.18	21.38	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.22	21.42	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.17	20.37	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.18	20.38	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.26	20.46	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.26	20.46	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.22	20.42	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.36	20.56	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.21	20.41	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.03	19.23	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.09	19.29	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.09	19.29	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.10	19.30	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.26	20.46	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.17	20.37	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.21	20.41	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.11	19.31	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.20	19.40	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.11	19.31	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.17	19.37	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.10	20.30	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.25	20.45	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.24	20.44	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.19	19.39	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.24	19.44	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.27	19.47	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.33	19.53	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.22	22.42	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.18	22.38	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.17	22.37	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.02	21.22	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.24	21.44	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.17	21.37	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.16	21.36	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.01	22.21	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.12	22.32	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.05	22.25	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.01	21.21	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.09	21.29	33.00	PASS



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Band7	10MHz	QPSK	21100	25RB#25	22.10	21.30	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.09	21.29	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.07	22.27	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.09	22.29	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.22	22.42	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.12	21.32	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.17	21.37	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.20	21.40	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.17	21.37	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.17	21.37	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.21	21.41	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.24	21.44	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.12	20.32	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.02	20.22	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.23	20.43	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.10	20.30	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.19	21.39	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.12	21.32	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.28	21.48	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.99	20.19	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.05	20.25	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.09	20.29	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.05	20.25	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.32	21.52	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.32	21.52	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.38	21.58	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.05	20.25	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.12	20.32	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.30	20.50	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.25	20.45	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.22	20.42	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.12	20.32	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.29	20.49	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.14	19.34	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.00	19.20	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.15	19.35	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.02	19.22	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.13	20.33	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.20	20.40	33.00	PASS



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Band7	10MHz	64QAM	21100	1RB#49	21.32	20.52	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.89	19.09	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.09	19.29	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.13	19.33	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.01	19.21	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.24	20.44	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.34	20.54	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.39	20.59	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.99	19.19	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.04	19.24	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.27	19.47	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.17	19.37	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.24	22.44	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.01	22.21	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.24	22.44	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.04	21.24	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.13	21.33	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.21	21.41	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.15	21.35	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.91	22.11	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.05	22.25	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.28	22.48	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.98	21.18	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.04	21.24	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.07	21.27	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.09	21.29	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.09	22.29	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.19	22.39	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.43	22.63	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.10	21.30	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.16	21.36	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.23	21.43	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.23	21.43	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.40	21.60	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.33	21.53	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.20	21.40	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.01	20.21	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.12	20.32	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.19	20.39	33.00	PASS



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Band7	15MHz	16QAM	20825	75RB#0	21.19	20.39	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.95	21.15	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.31	21.51	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.82	21.02	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.09	20.29	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.10	20.30	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.20	20.40	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.12	20.32	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.41	21.61	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.36	21.56	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.41	21.61	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.14	20.34	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.13	20.33	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.24	20.44	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.18	20.38	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.32	20.52	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.37	20.57	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.15	20.35	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.07	19.27	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.10	19.30	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.12	19.32	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.13	19.33	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.99	20.19	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.24	20.44	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.75	19.95	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.17	19.37	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.01	19.21	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.19	19.39	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.13	19.33	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.42	20.62	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.44	20.64	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.43	20.63	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.19	19.39	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.04	19.24	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.26	19.46	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.25	19.45	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.97	22.17	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.18	22.38	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.13	22.33	33.00	PASS



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Band7	20MHz	QPSK	20850	50RB#0	22.07	21.27	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.28	21.48	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.21	21.41	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.16	21.36	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.01	22.21	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.16	22.36	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.10	22.30	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.09	21.29	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.16	21.36	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.12	21.32	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.11	21.31	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.97	22.17	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.12	22.32	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.17	22.37	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.20	21.40	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.15	21.35	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.30	21.50	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.20	21.40	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.29	21.49	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.04	21.24	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.31	21.51	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.05	20.25	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.18	20.38	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.19	20.39	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.07	20.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.31	21.51	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.09	21.29	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.30	21.50	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.07	20.27	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.14	20.34	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.14	20.34	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.05	20.25	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.97	21.17	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.18	21.38	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.21	21.41	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.12	20.32	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.06	20.26	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.19	20.39	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.18	20.38	33.00	PASS



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Band7	20MHz	64QAM	20850	1RB#0	21.25	20.45	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.02	20.22	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.37	20.57	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.01	19.21	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.11	19.31	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.21	19.41	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.14	19.34	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.38	20.58	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.10	20.30	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.35	20.55	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.96	19.16	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.13	19.33	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.14	19.34	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.96	19.16	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.05	20.25	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.08	20.28	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.22	20.42	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.17	19.37	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.08	19.28	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.17	19.37	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.12	19.32	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator

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	5.30	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.54	13	PASS



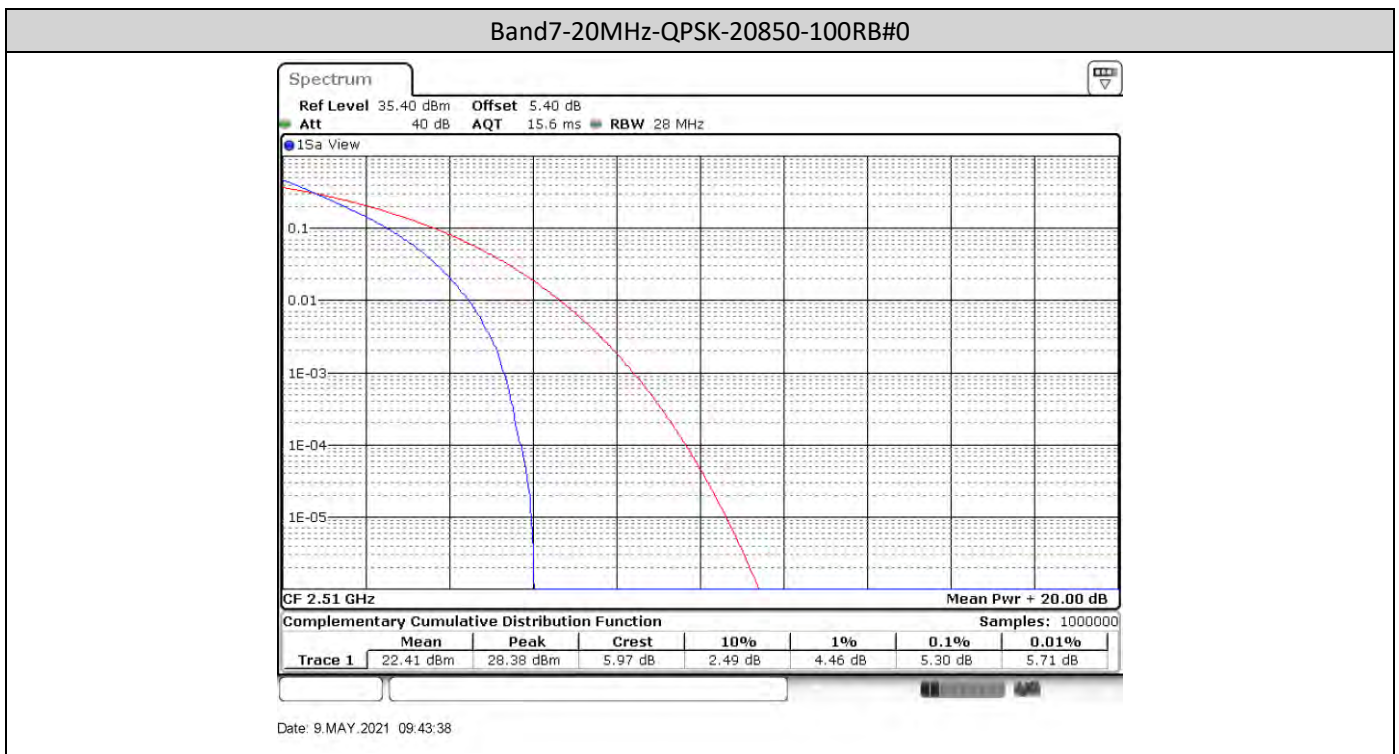
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Band7	20MHz	QPSK	21350	100RB#0	5.28	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.35	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.58	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.38	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.14	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.35	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.14	13	PASS

2.2. Test Plots



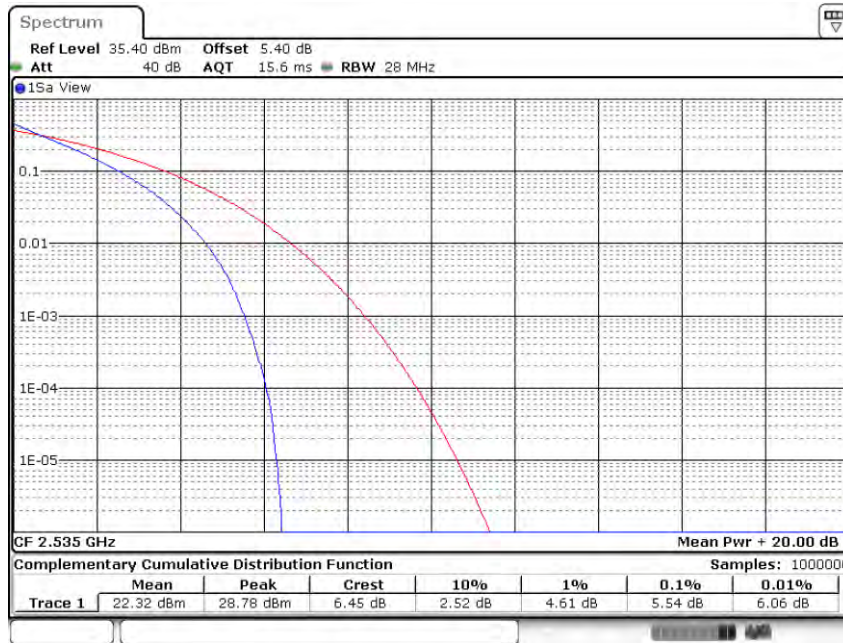
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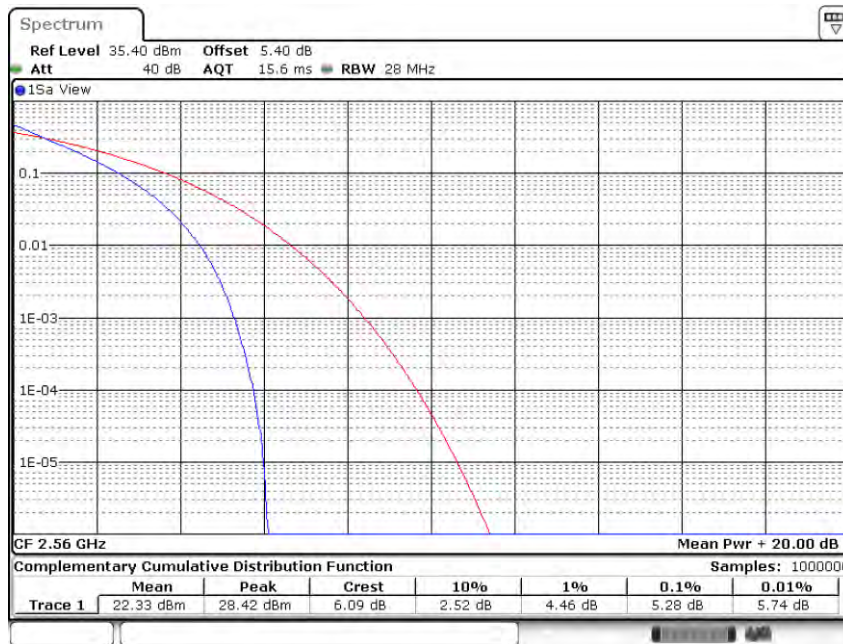
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Band7-20MHz-QPSK-21100-100RB#0



Date: 9 MAY 2021 09:44:01

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

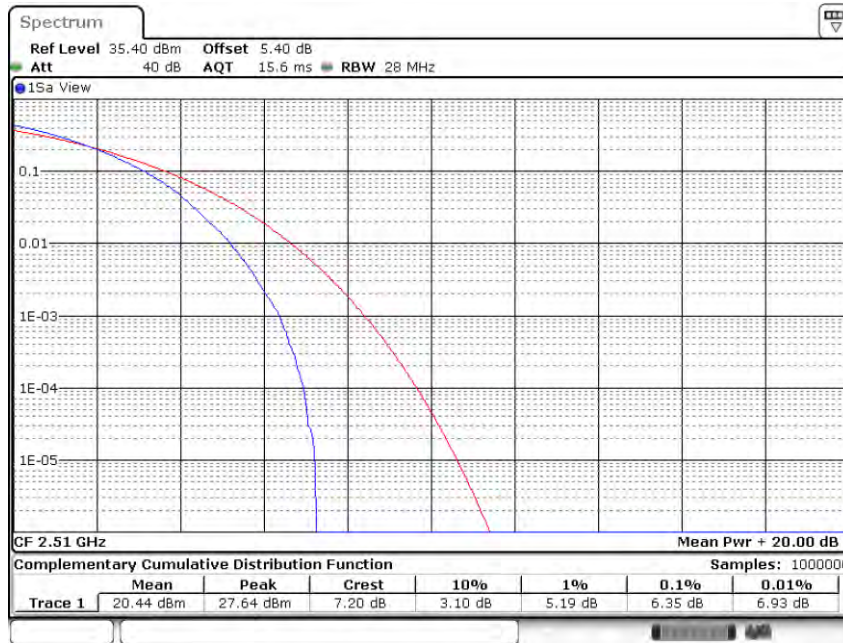


Date: 9 MAY 2021 09:44:24



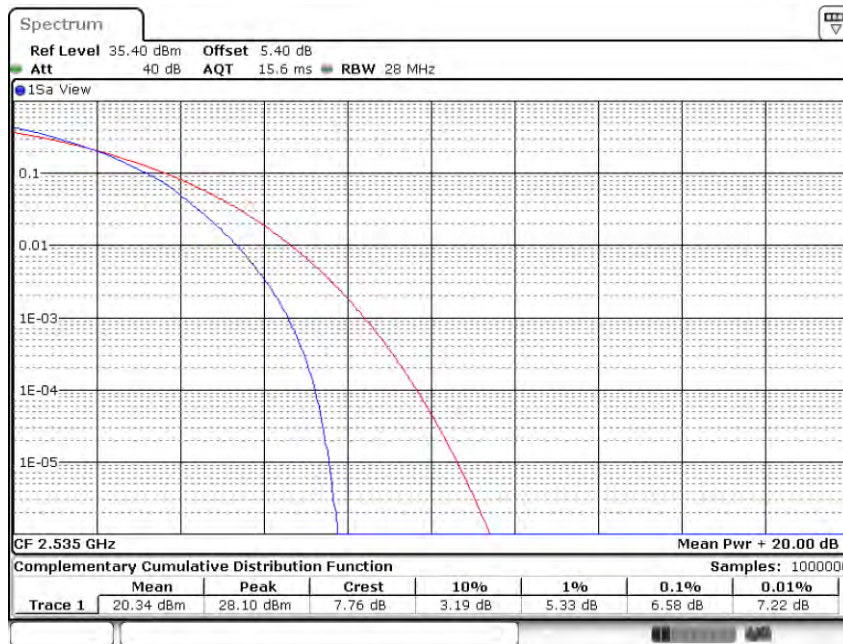
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Band7-20MHz-64QAM-20850-100RB#0



Date: 9 MAY.2021 11:40:20

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

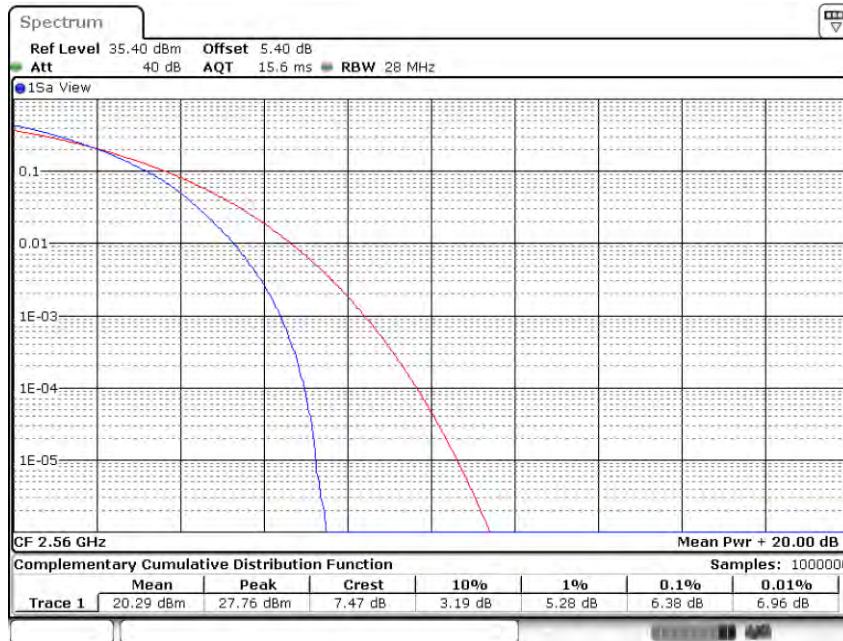


Date: 9 MAY.2021 11:40:31



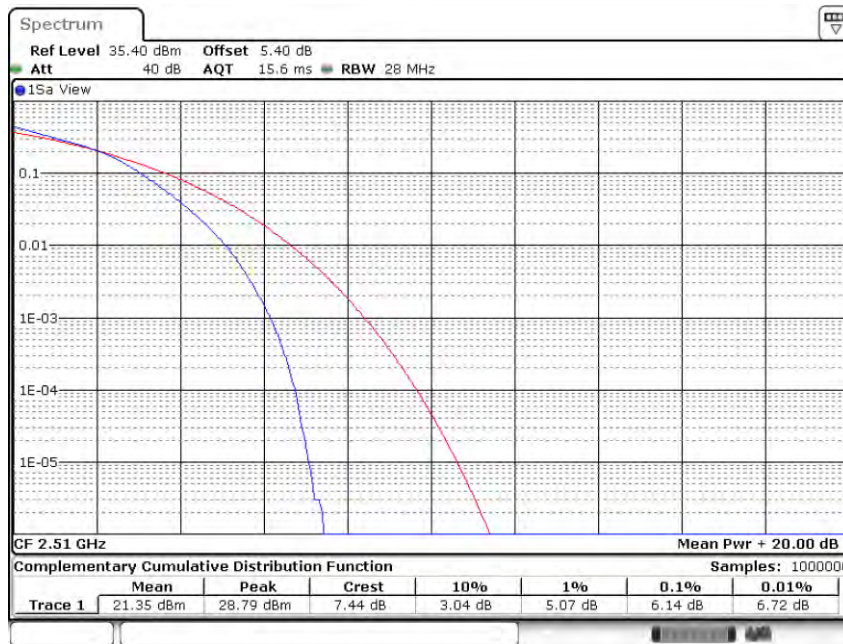
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Band7-20MHz-64QAM-21350-100RB#0



Date: 9 MAY.2021 11:40:43

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



Date: 9 MAY.2021 09:43:50

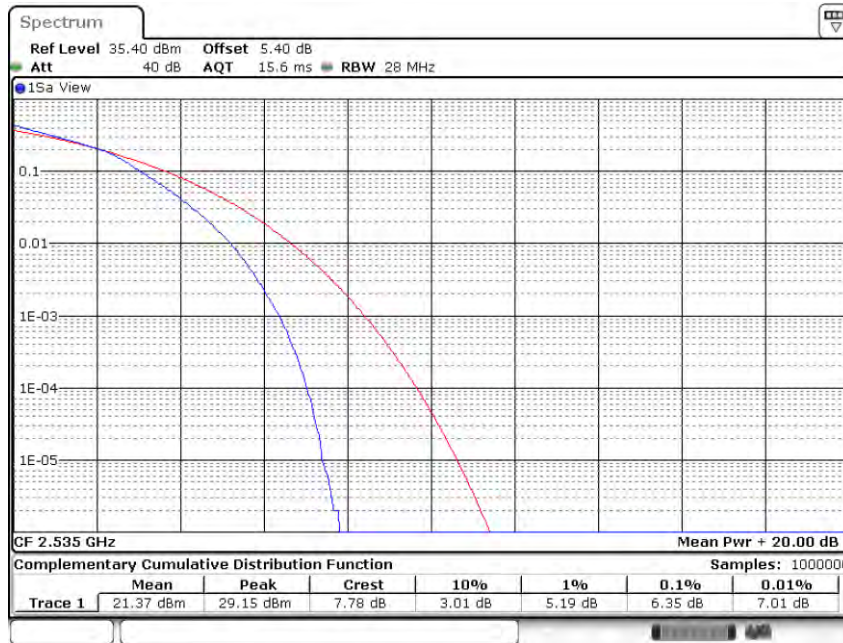


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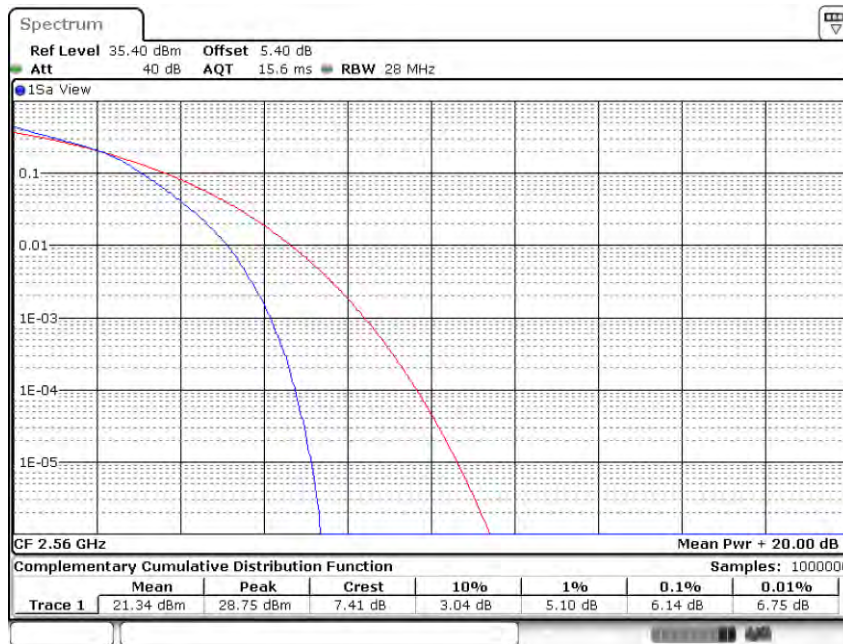


Band7-20MHz-16QAM-21100-100RB#0



Date: 9 MAY.2021 09:44:12

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



Date: 9 MAY.2021 09:44:36

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



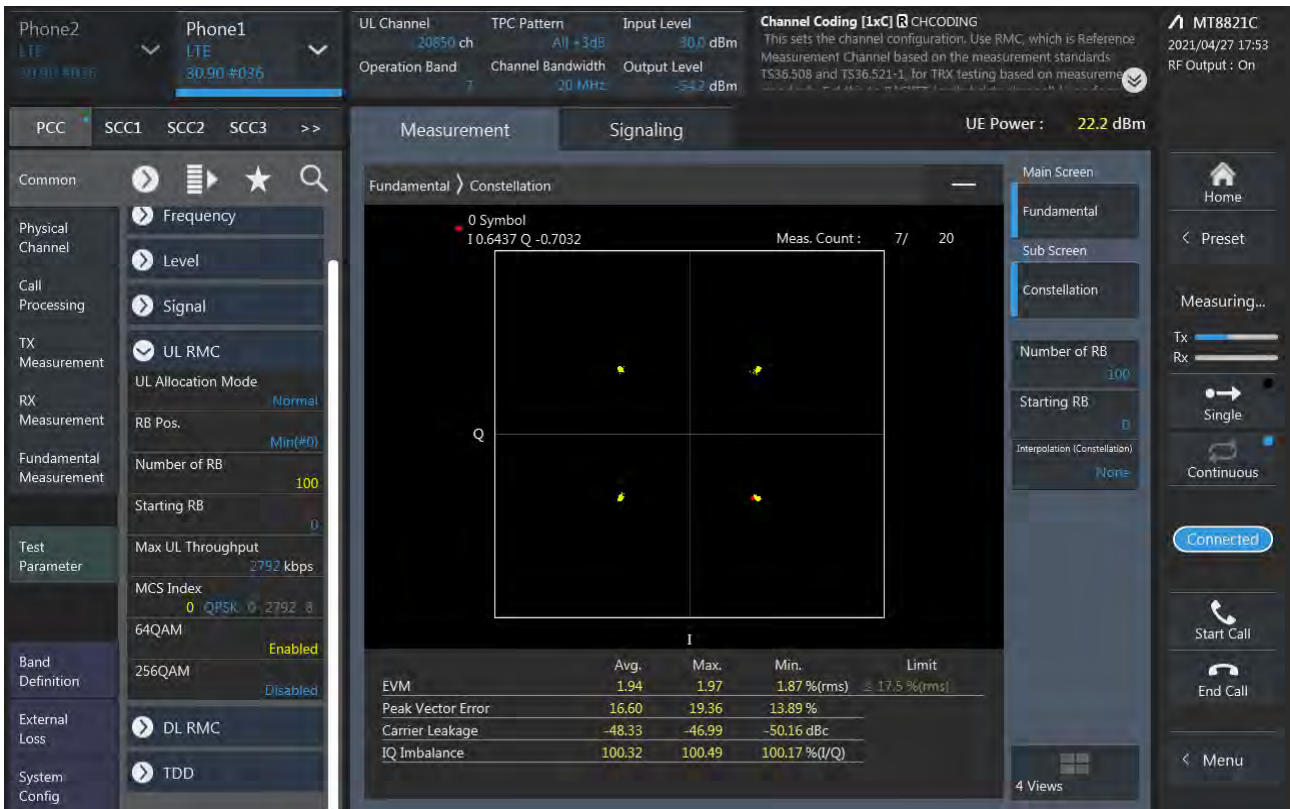
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

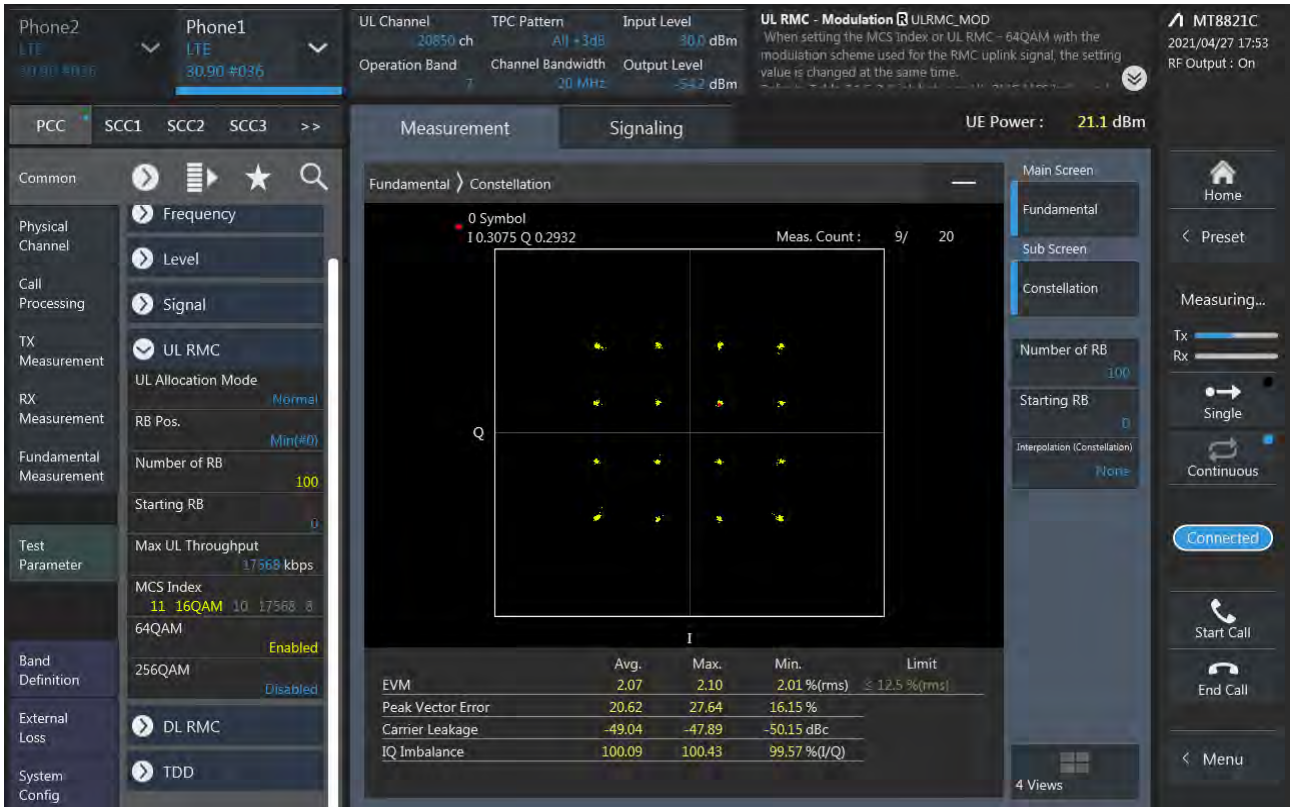
3.1.1.1. Test Channel = MCH



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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



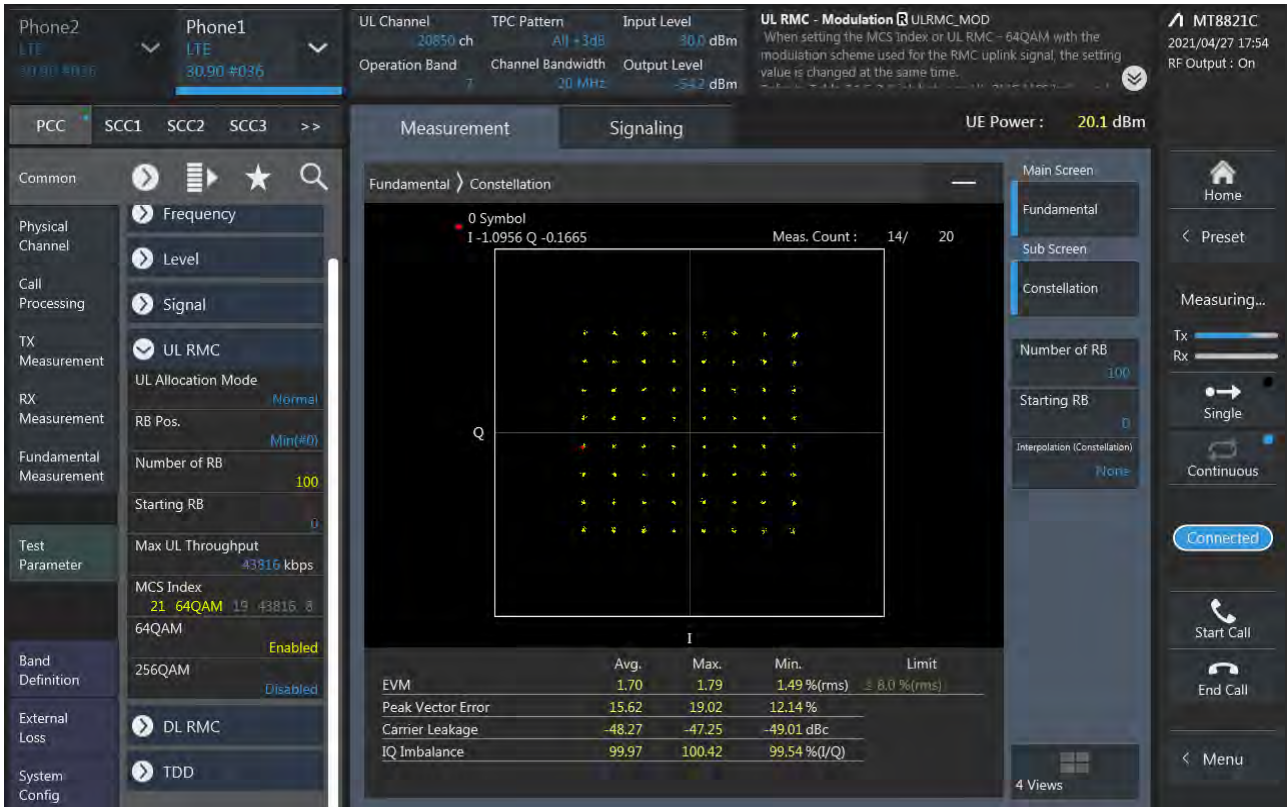
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3.1.3. Test Mode = LTE /TM3 20MHz

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	4.476	4.880	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.880	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.860	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.860	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	4.486	4.890	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.476	4.890	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.640	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.620	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.620	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	8.931	9.600	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.951	9.640	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.660	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.931	9.680	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	14.760	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.790	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.487	14.640	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	14.790	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.487	15.030	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.457	14.790	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.730	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.487	14.820	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	14.790	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.902	19.280	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.902	19.360	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.902	19.360	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.862	19.200	PASS



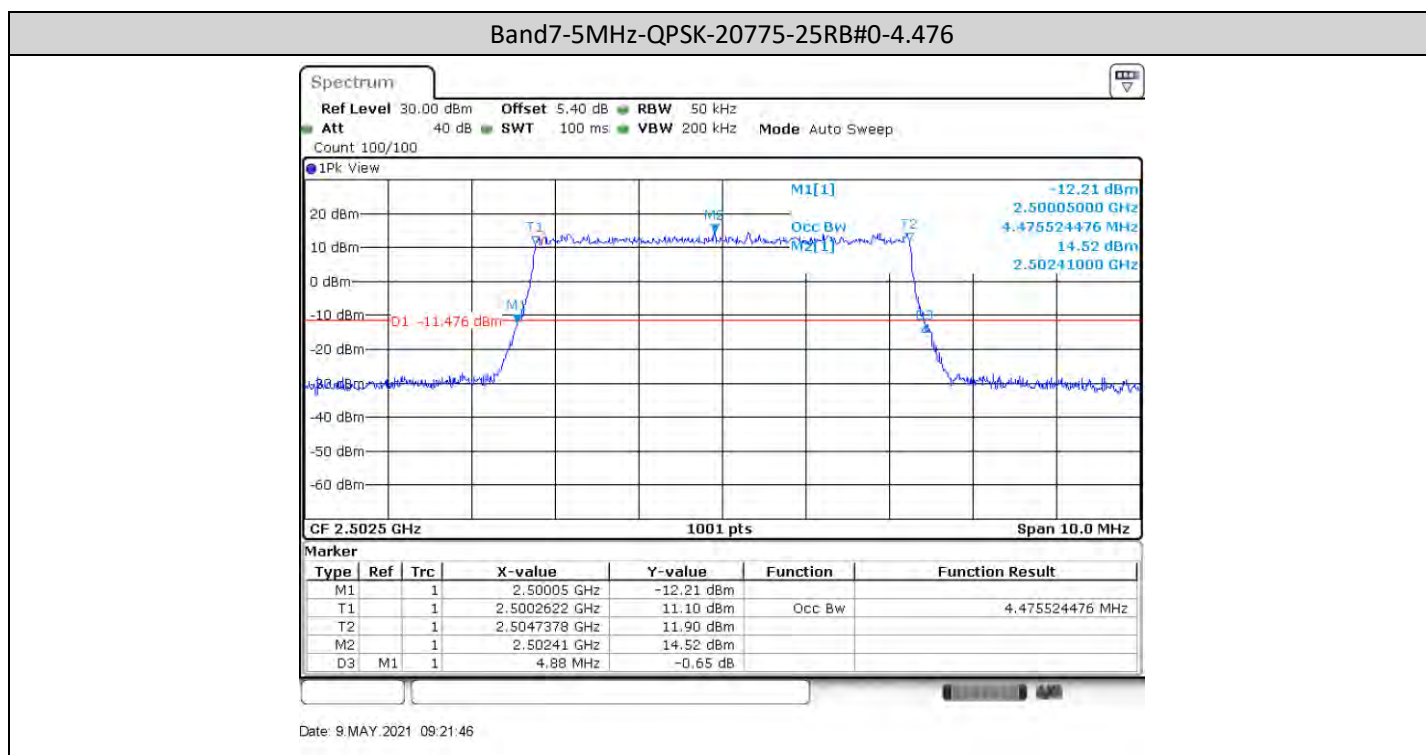
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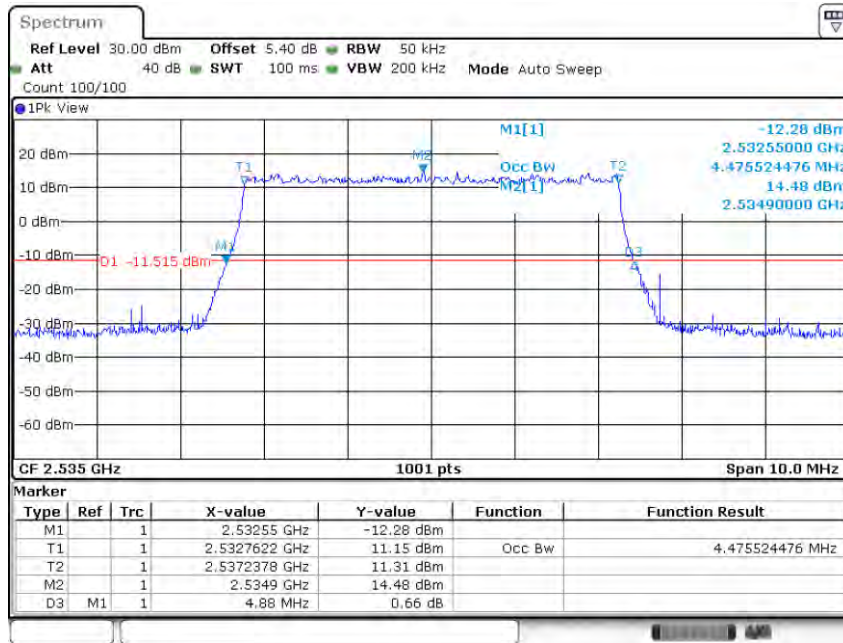
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Band7	20MHz	64QAM	21350	100RB#0	17.902	19.320	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.240	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.902	19.360	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.360	PASS

4.2. Test Plots



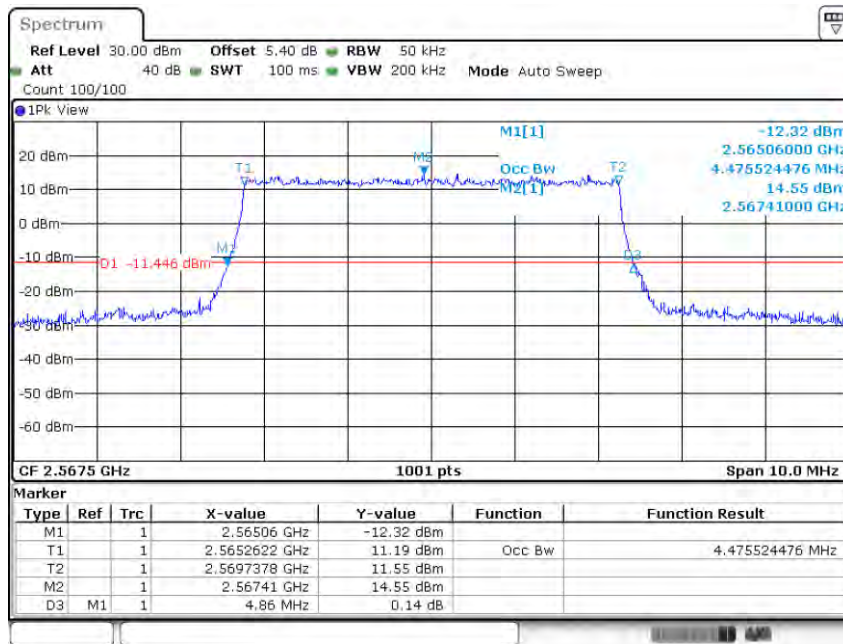
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Band7-5MHz-QPSK-21100-25RB#0-4.476



Date: 9 MAY 2021 09:22:25

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

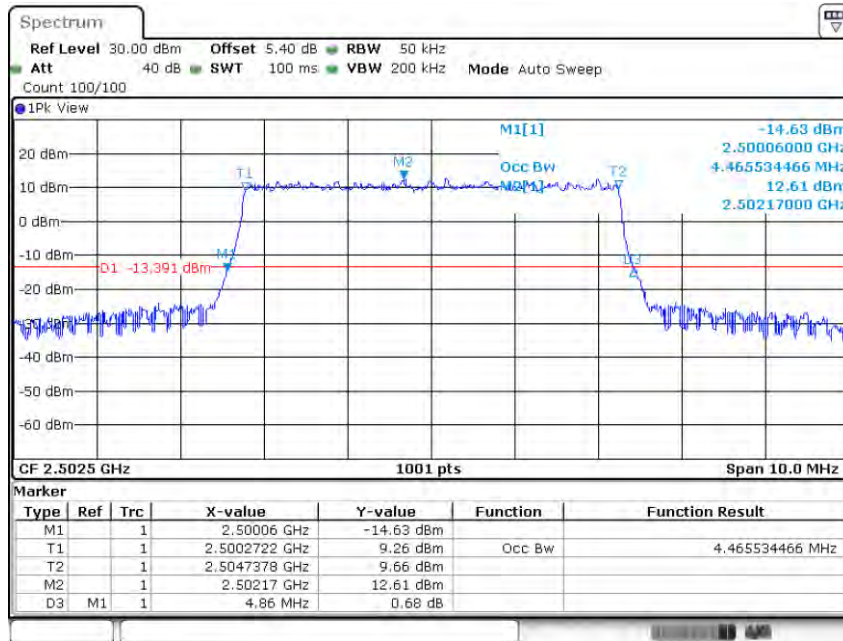


Date: 9 MAY 2021 09:23:05



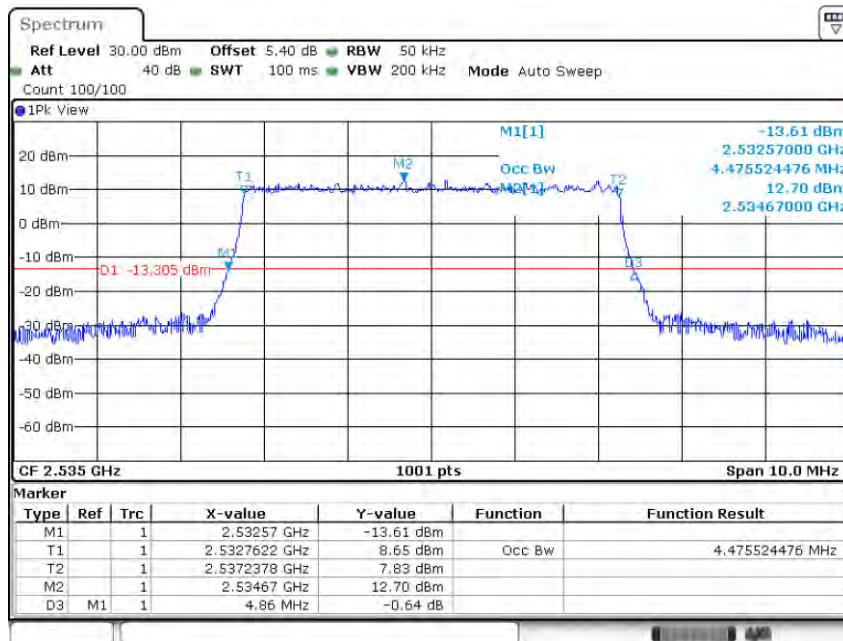
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Band7-5MHz-64QAM-20775-25RB#0-4.466



Date: 9 MAY 2021 11:28:41

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

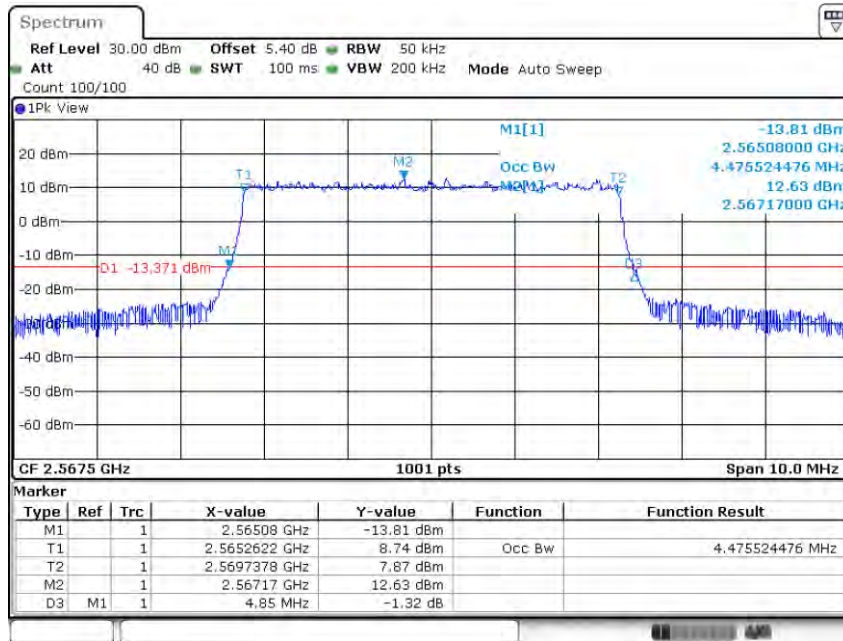


Date: 9 MAY 2021 11:29:01



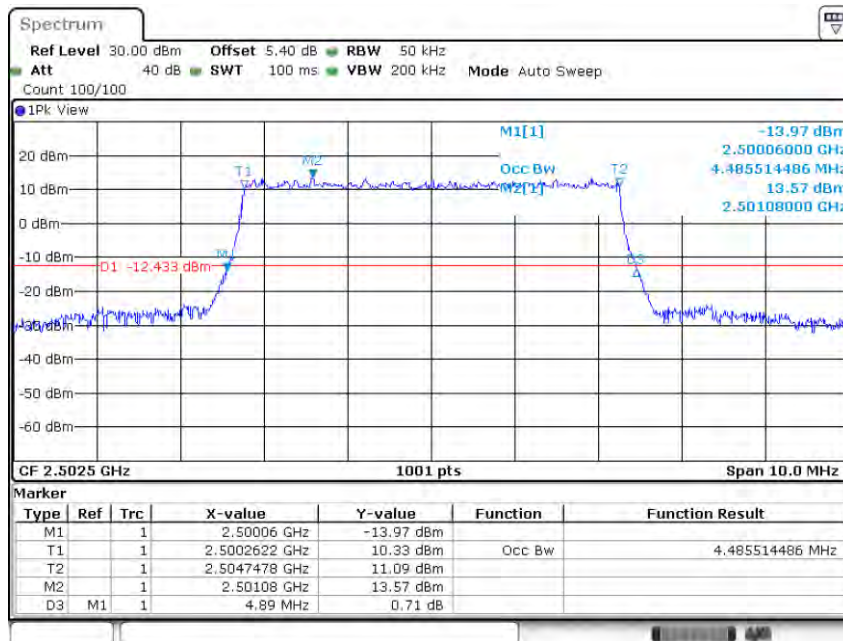
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Band7-5MHz-64QAM-21425-25RB#0-4.476



Date: 9 MAY 2021 11:29:21

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

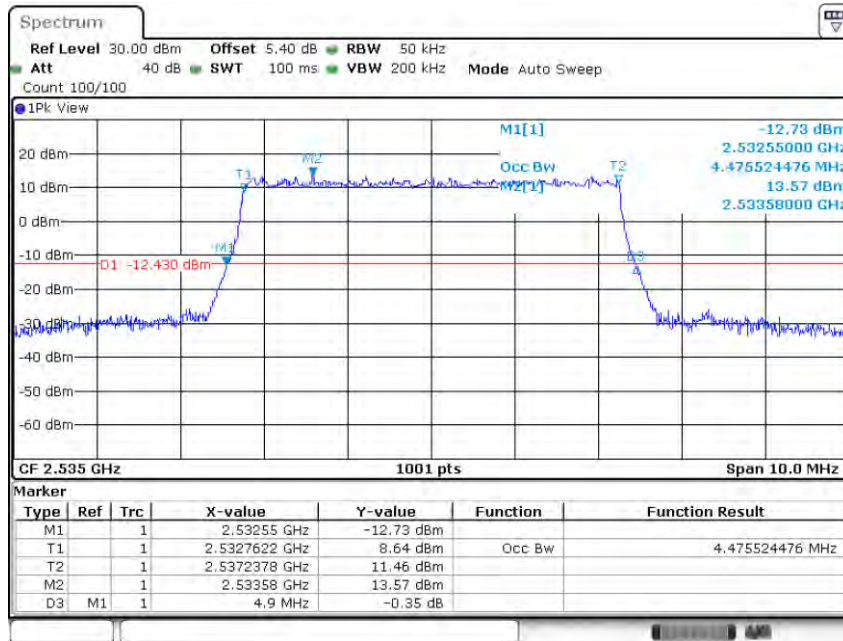


Date: 9 MAY 2021 09:22:06



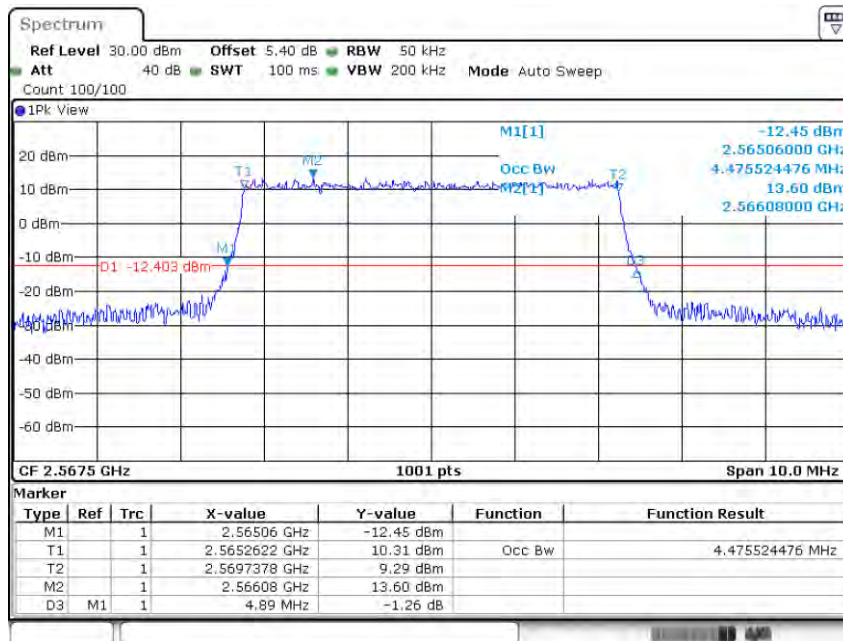
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Band7-5MHz-16QAM-21100-25RB#0-4.476



Date: 9 MAY 2021 09:22:45

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



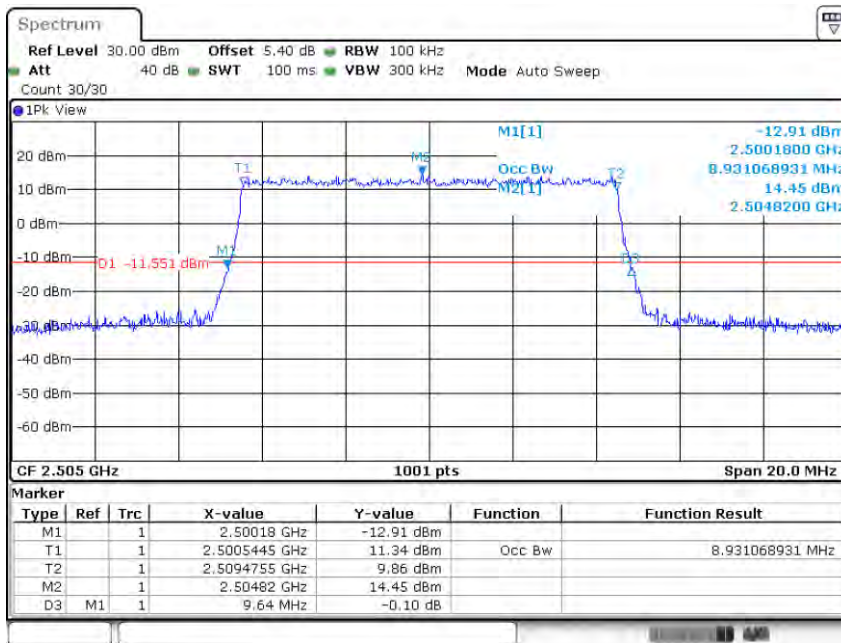
Date: 9 MAY 2021 09:23:25



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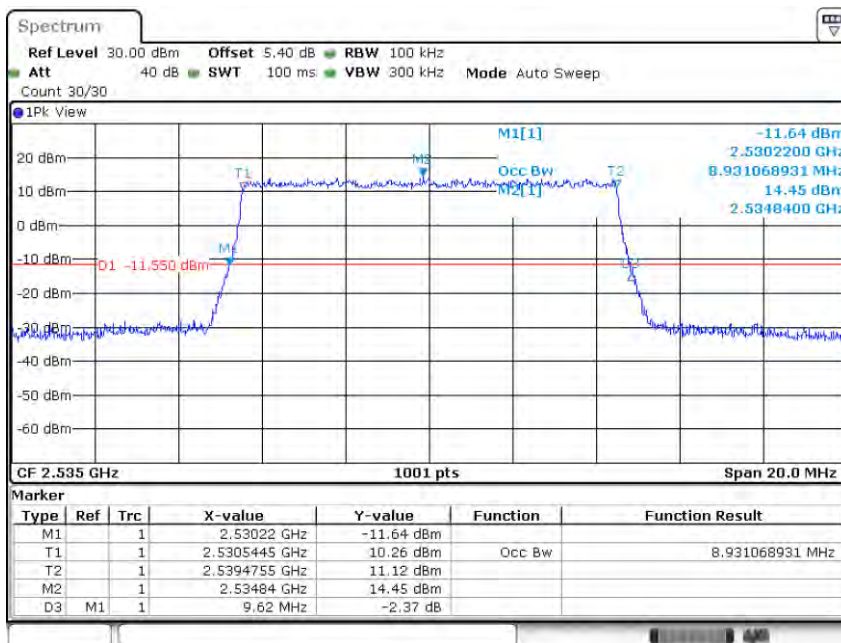


Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 9 MAY 2021 09:23:43

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



Date: 9 MAY 2021 09:24:08

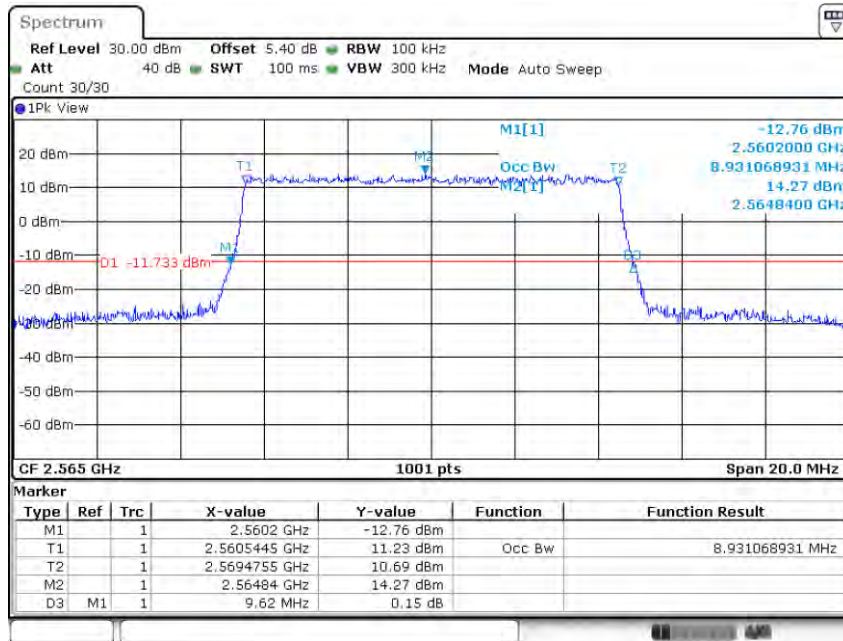


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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

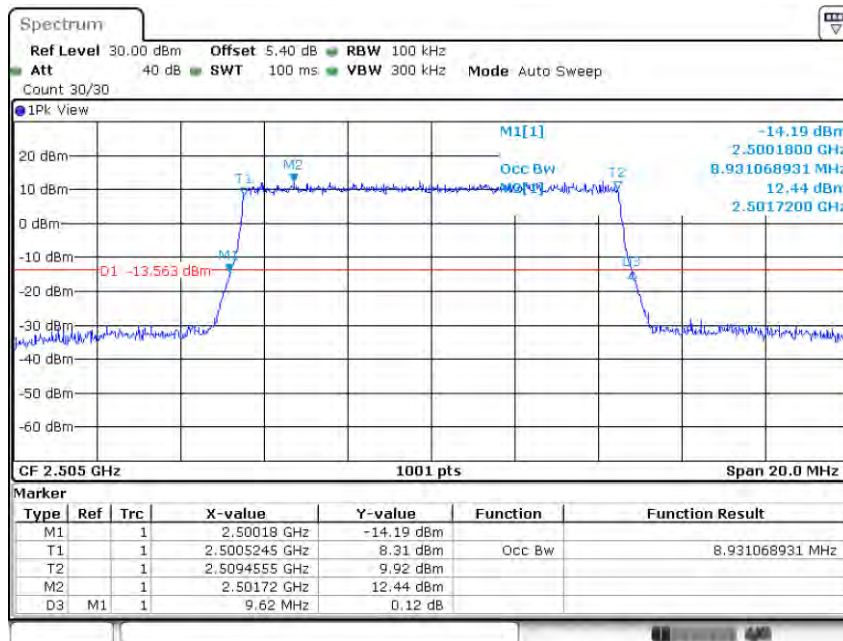
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Band7-10MHz-QPSK-21400-50RB#0-8.931



Date: 9.MAY.2021 09:24:34

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

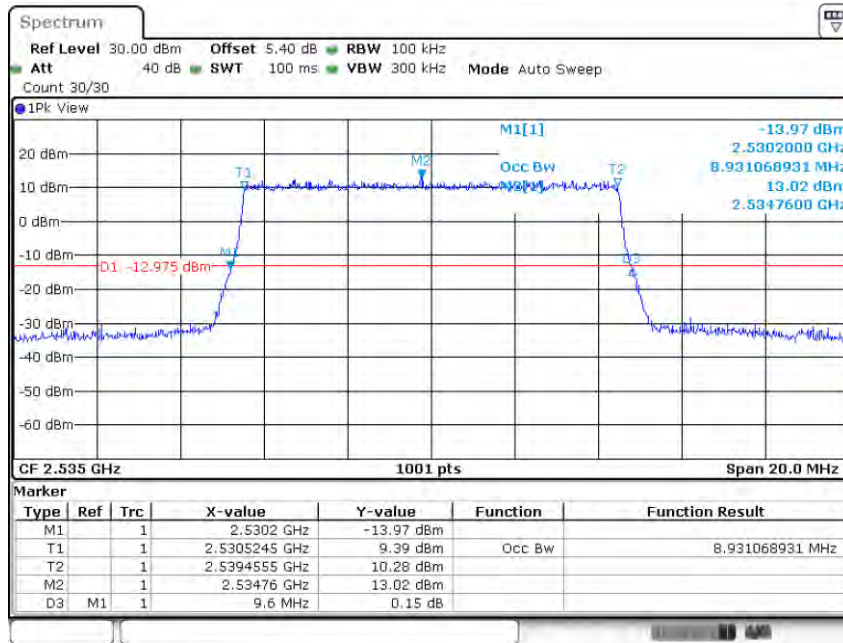


Date: 9.MAY.2021 11:29:39



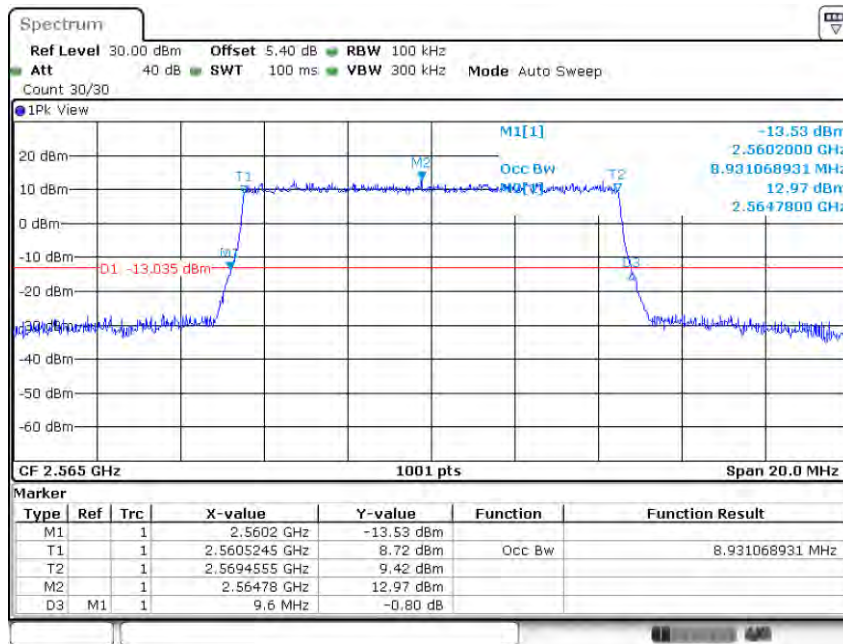
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Band7-10MHz-64QAM-21100-50RB#0-8.931



Date: 9 MAY 2021 11:29:52

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



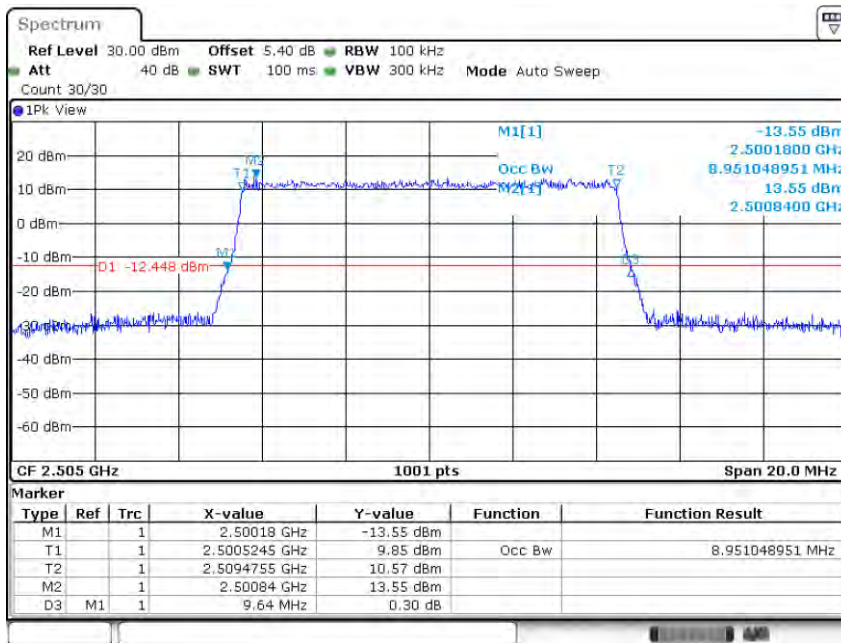
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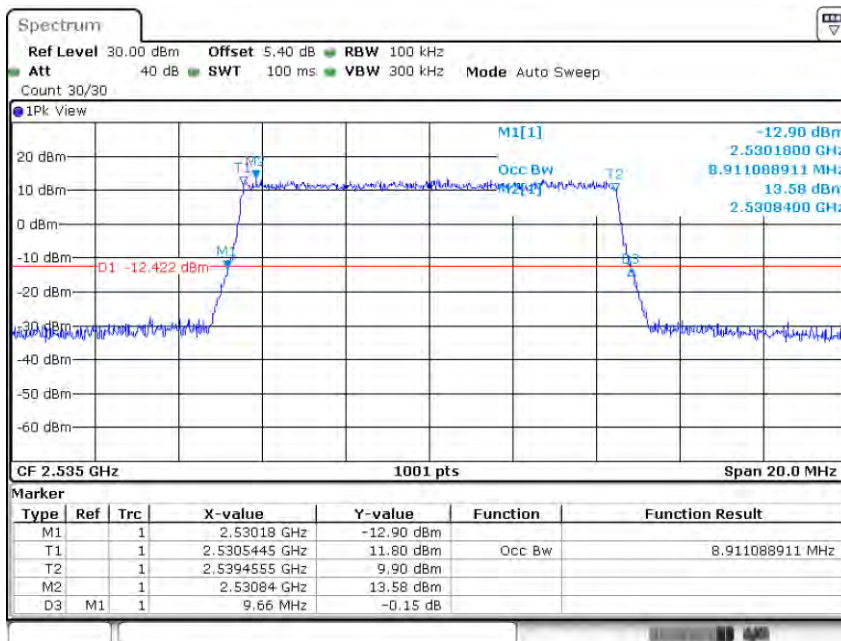


Band7-10MHz-16QAM-20800-50RB#0-8.951



Date: 9 MAY 2021 09:23:56

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

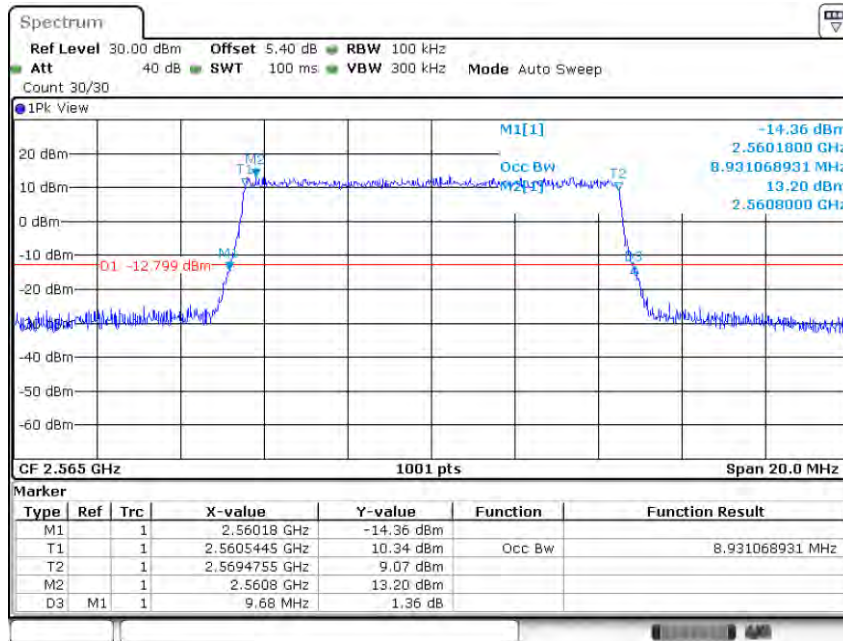


Date: 9 MAY 2021 09:24:21



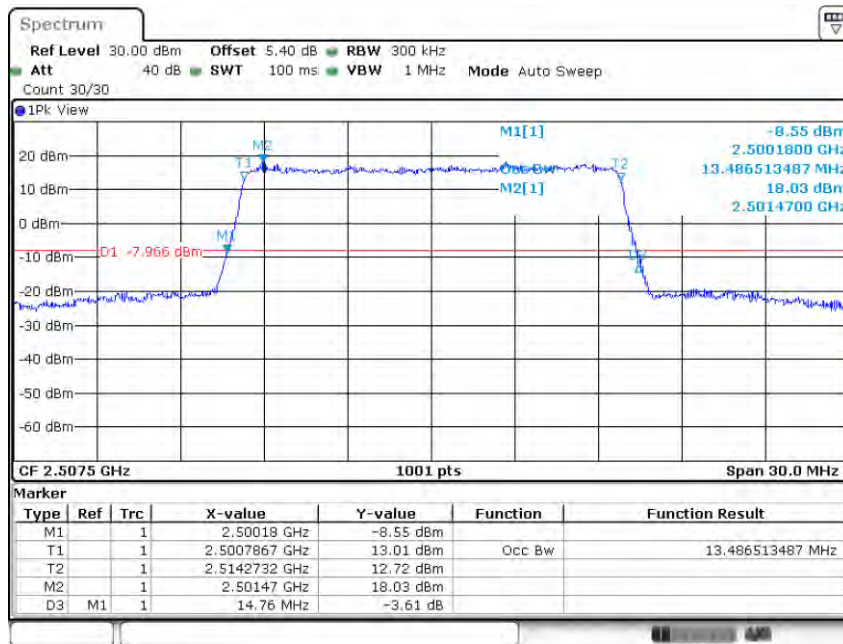
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Band7-10MHz-16QAM-21400-50RB#0-8.931



Date: 9.MAY.2021 09:24:47

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



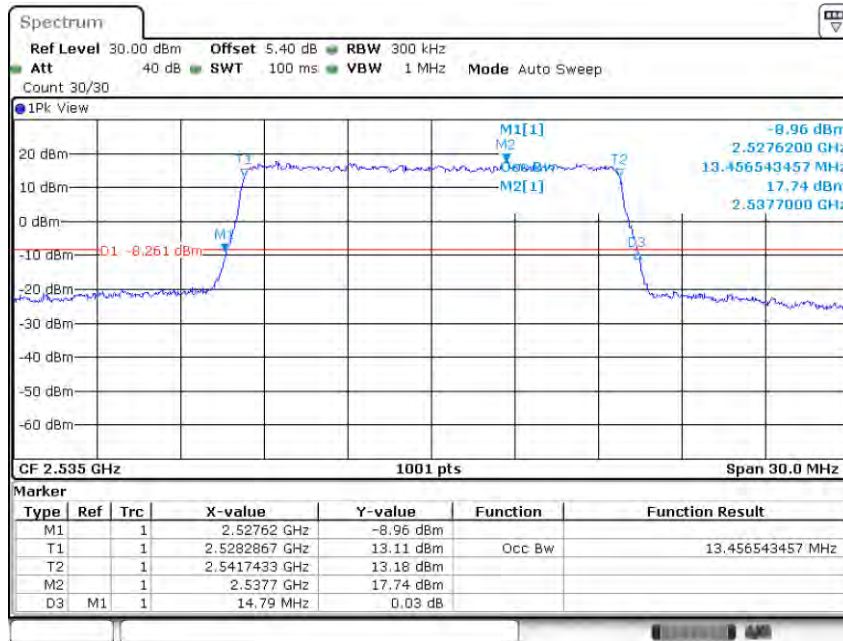
Date: 9.MAY.2021 09:25:04



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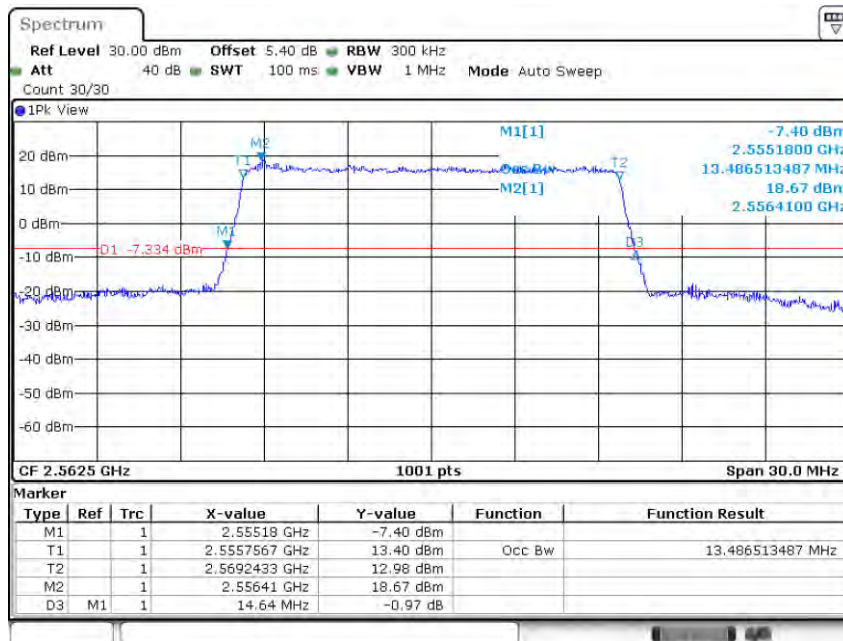


Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 9.MAY.2021 09:25:30

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



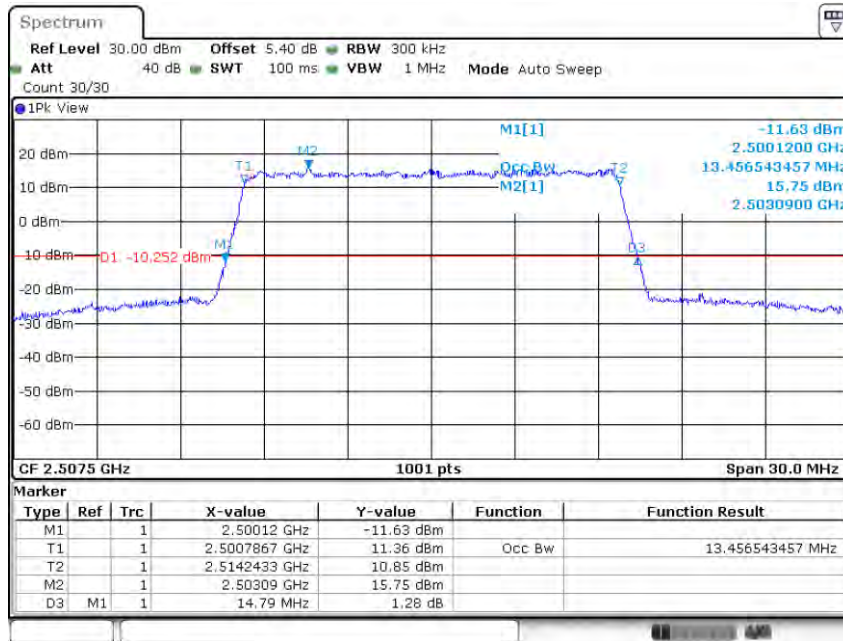
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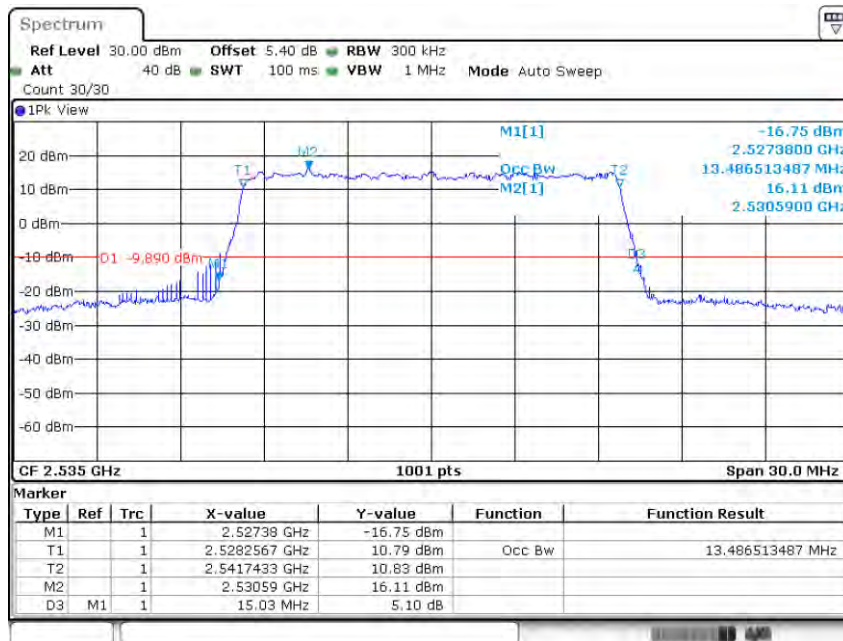


Band7-15MHz-64QAM-20825-75RB#0-13.457



Date: 9 MAY 2021 11:30:23

Band7-15MHz-64QAM-21100-75RB#0-13.487

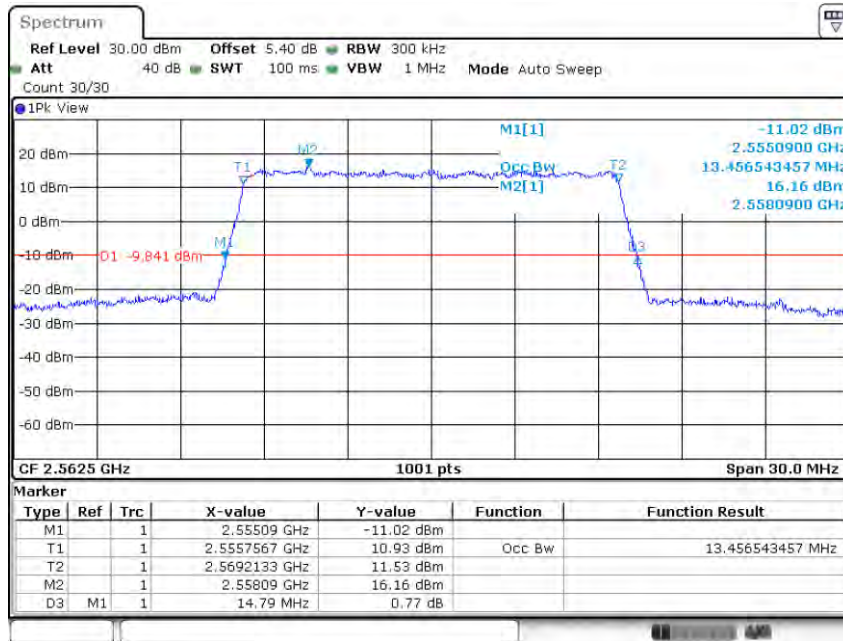


Date: 9 MAY 2021 11:30:36



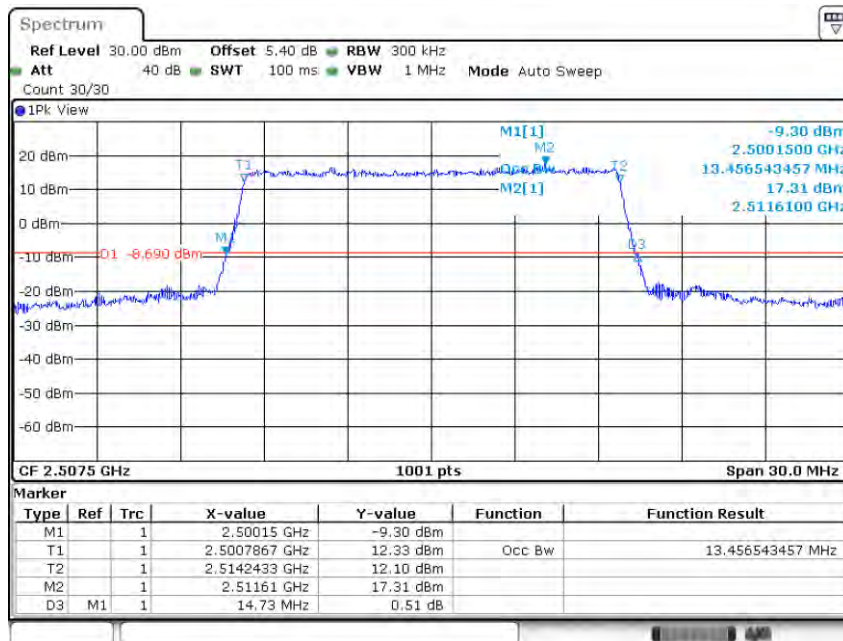
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Band7-15MHz-64QAM-21375-75RB#0-13.457



Date: 9.MAY.2021 11:30:49

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

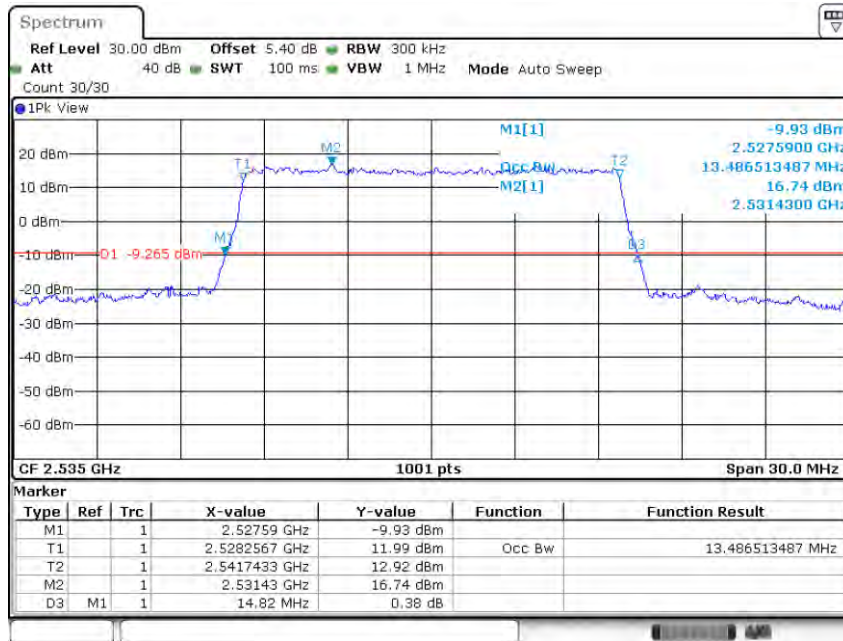


Date: 9.MAY.2021 09:25:17



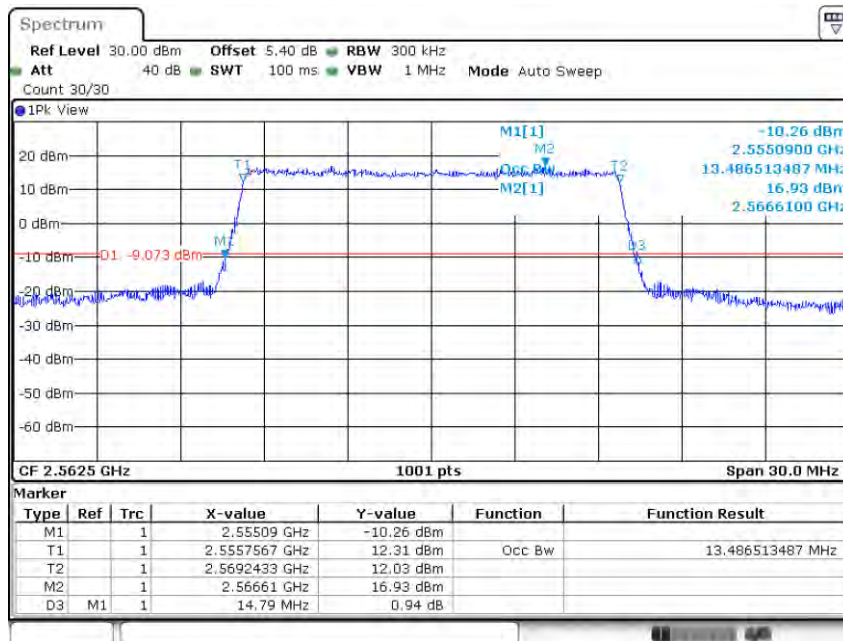
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Band7-15MHz-16QAM-21100-75RB#0-13.487



Date: 9 MAY 2021 09:25:43

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



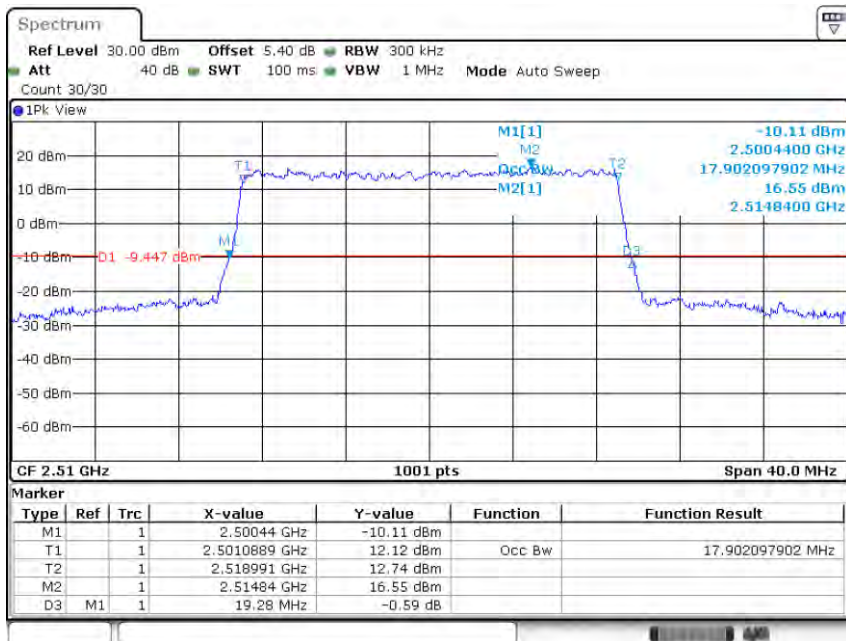
Date: 9 MAY 2021 09:26:09



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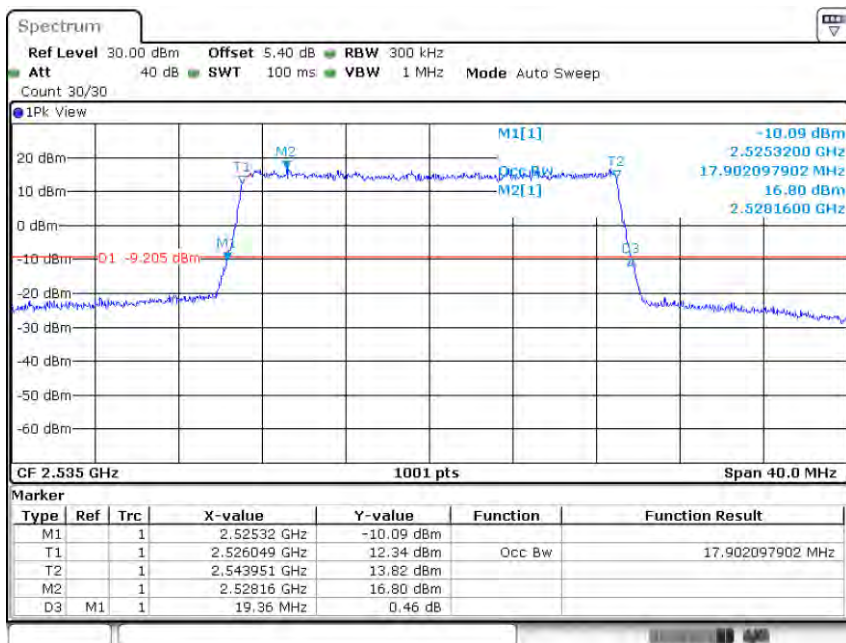


Band7-20MHz-QPSK-20850-100RB#0-17.902



Date: 9 MAY 2021 09:26:26

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



Date: 9 MAY 2021 09:26:52



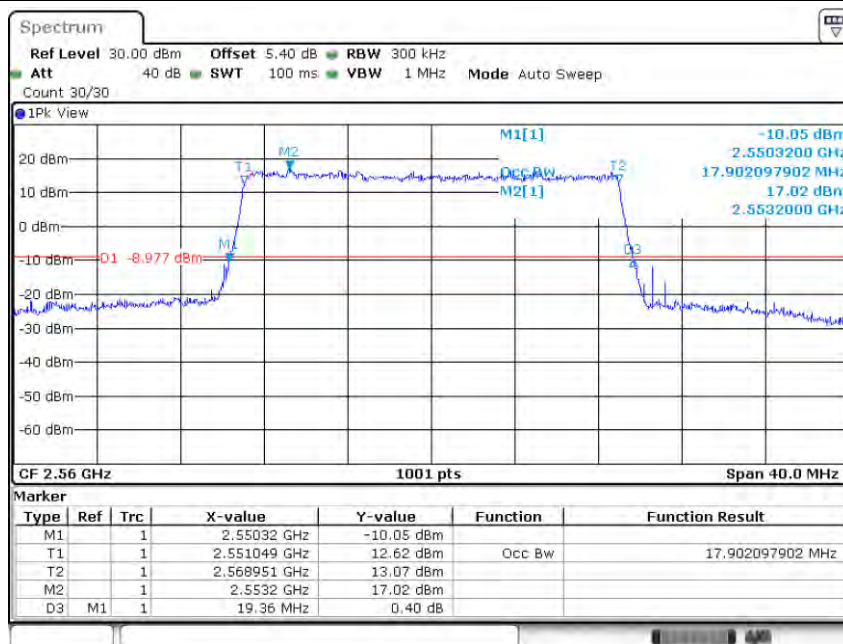
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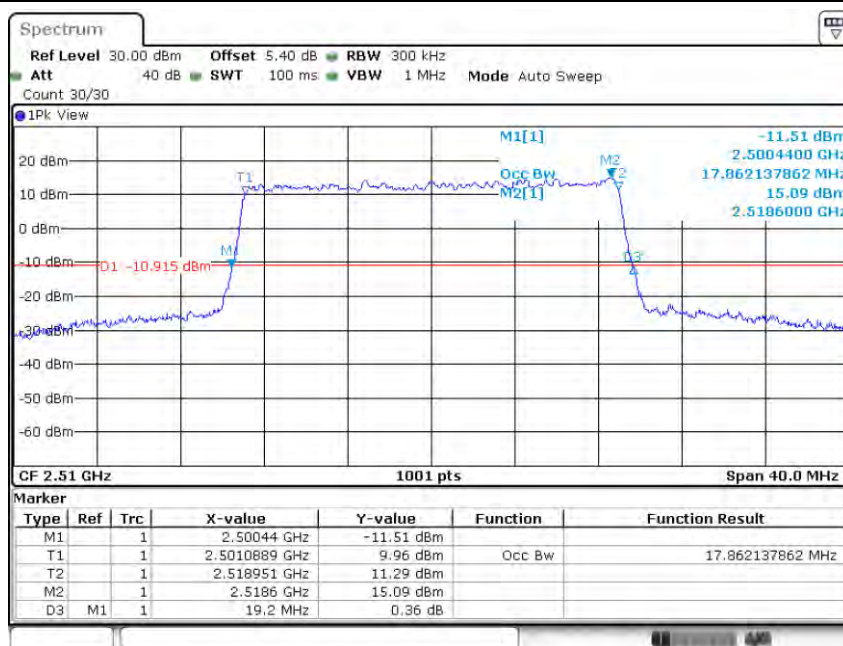


Band7-20MHz-QPSK-21350-100RB#0-17.902



Date: 9.MAY.2021 09:27:18

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

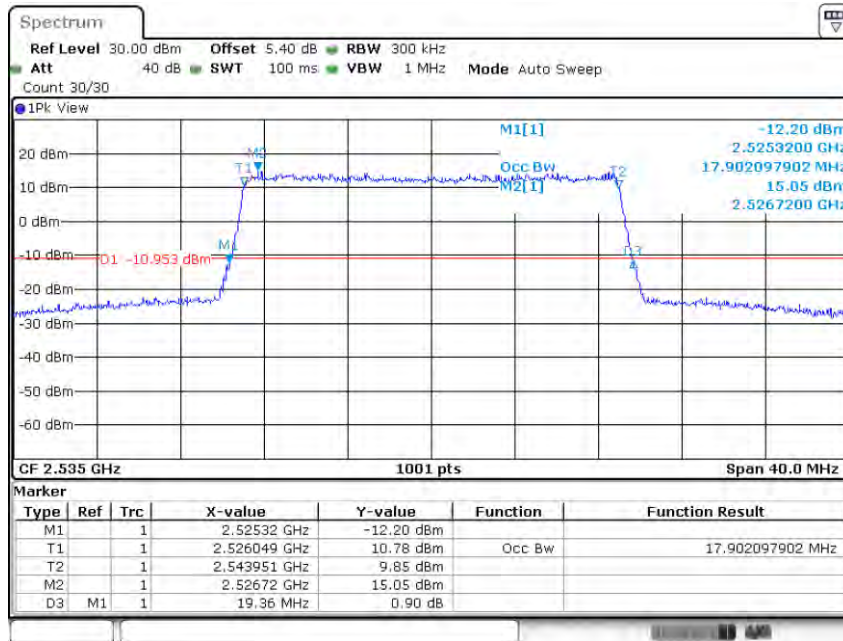


Date: 9.MAY.2021 11:31:07



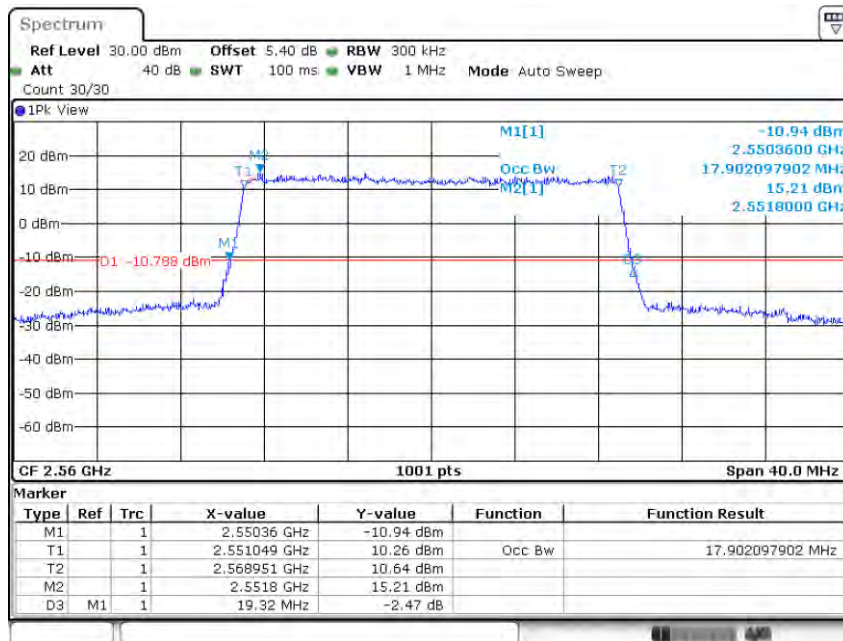
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Band7-20MHz-64QAM-21100-100RB#0-17.902



Date: 9 MAY 2021 11:31:20

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

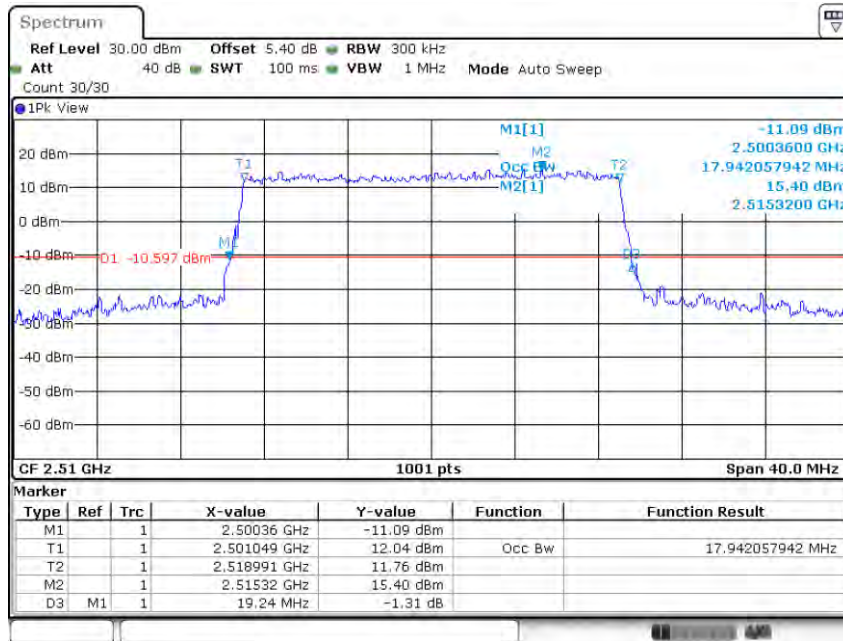


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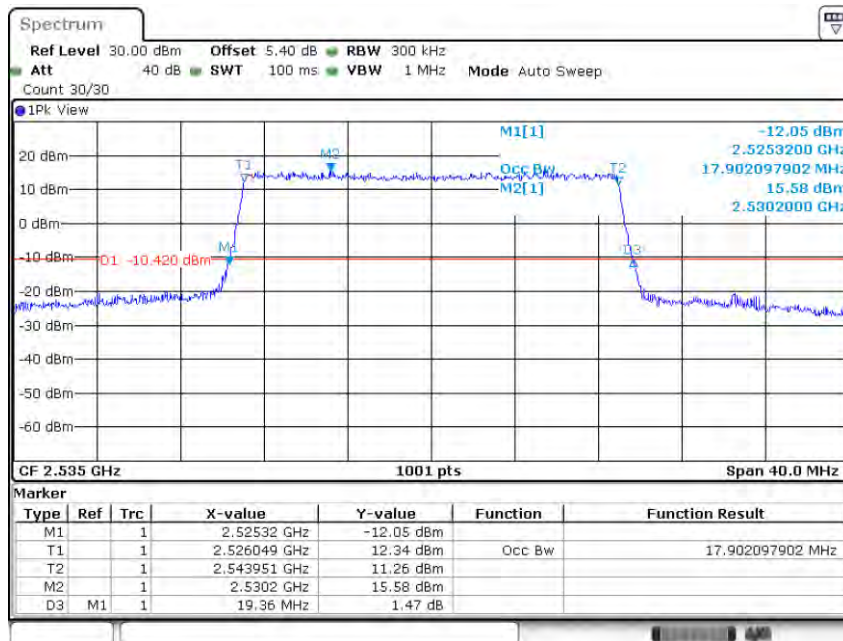
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Band7-20MHz-16QAM-20850-100RB#0-17.942



Date: 9.MAY.2021 09:26:39

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



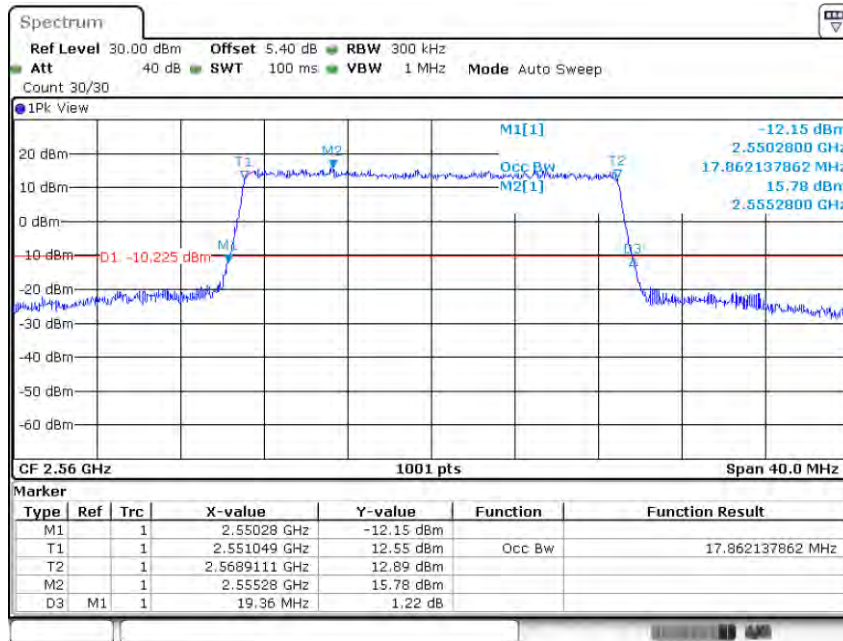
Date: 9.MAY.2021 09:27:05



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



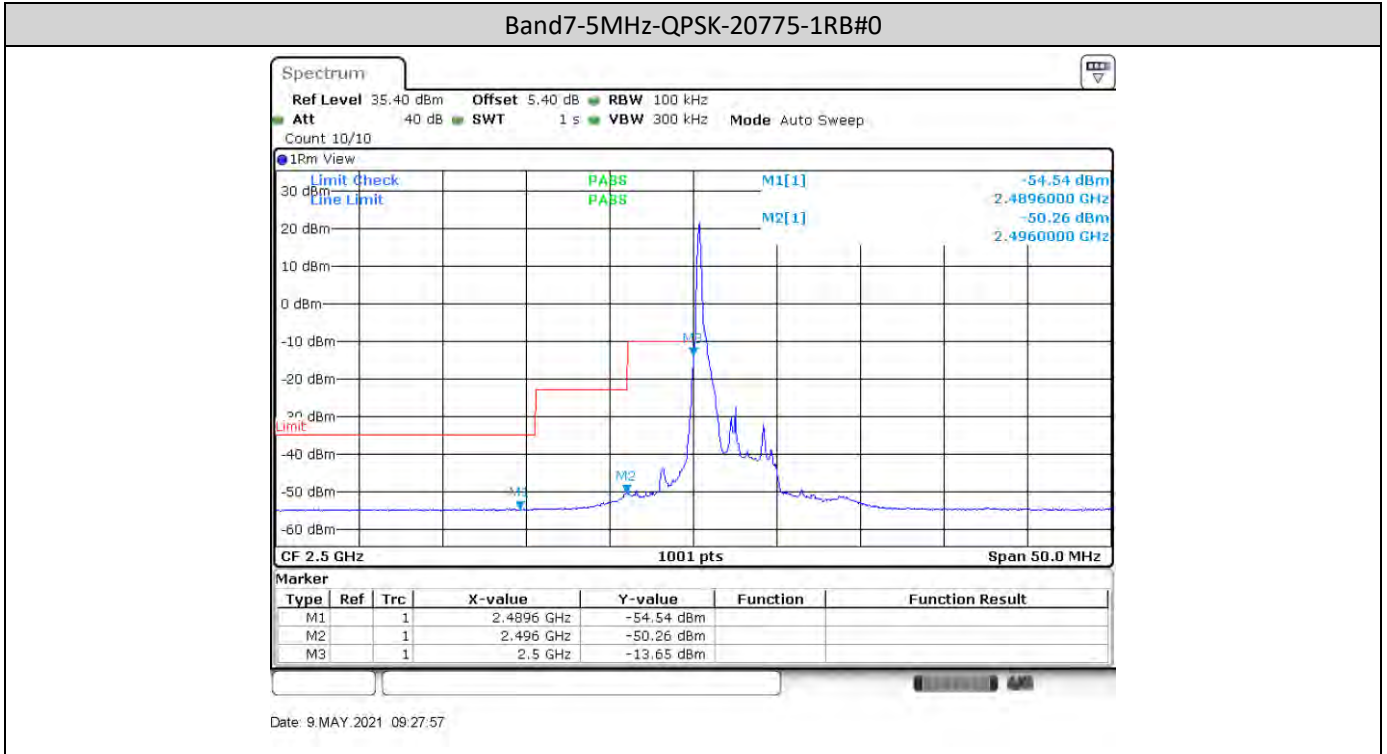
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5. Band Edge Compliance

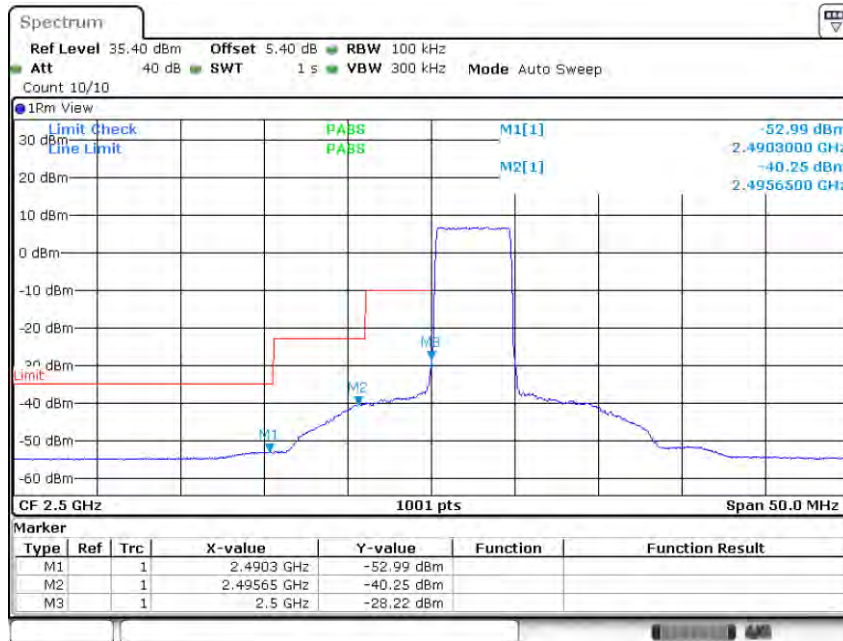
5.1. Test Plots



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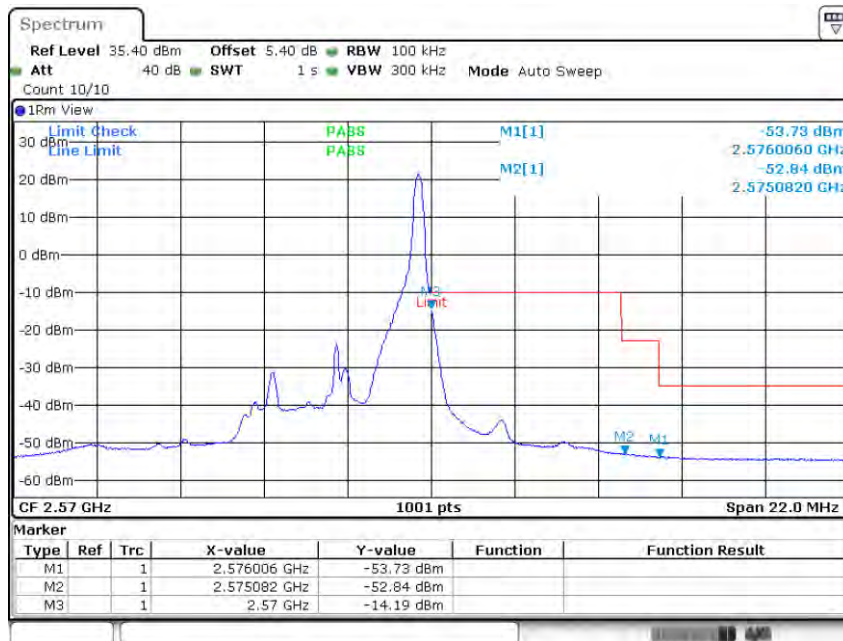
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 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 9 MAY 2021 09:29:31

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

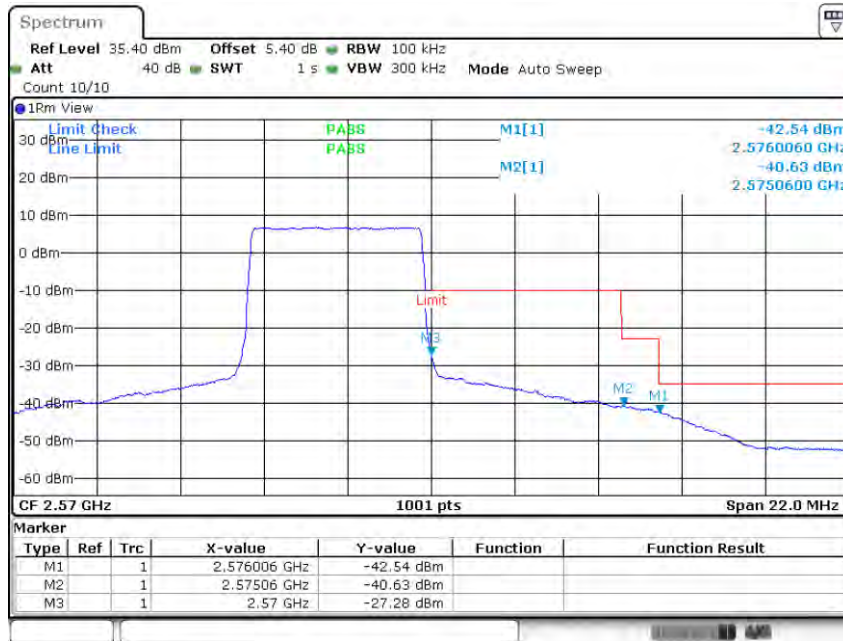


Date: 9 MAY 2021 09:28:44



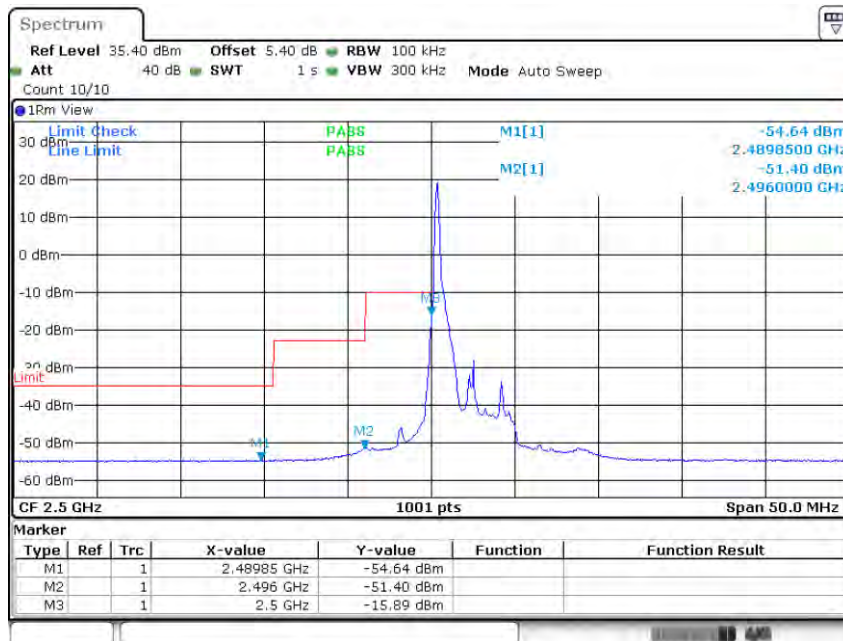
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Band7-5MHz-QPSK-21425-25RB#0



Date: 9 MAY 2021 09:30:14

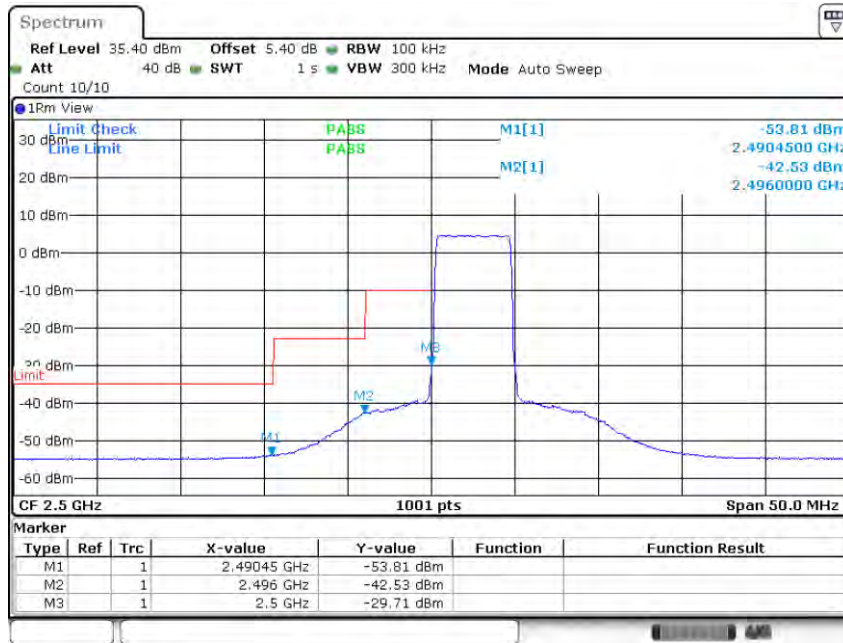
Band7-5MHz-64QAM-20775-1RB#0



Date: 9 MAY 2021 11:31:59

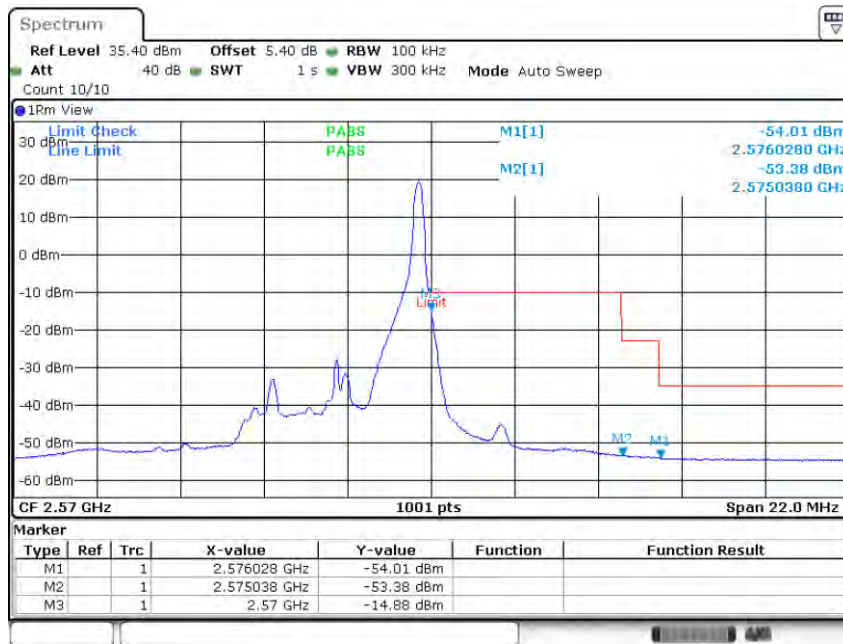


Band7-5MHz-64QAM-20775-25RB#0



Date: 9 MAY 2021 11:32:51

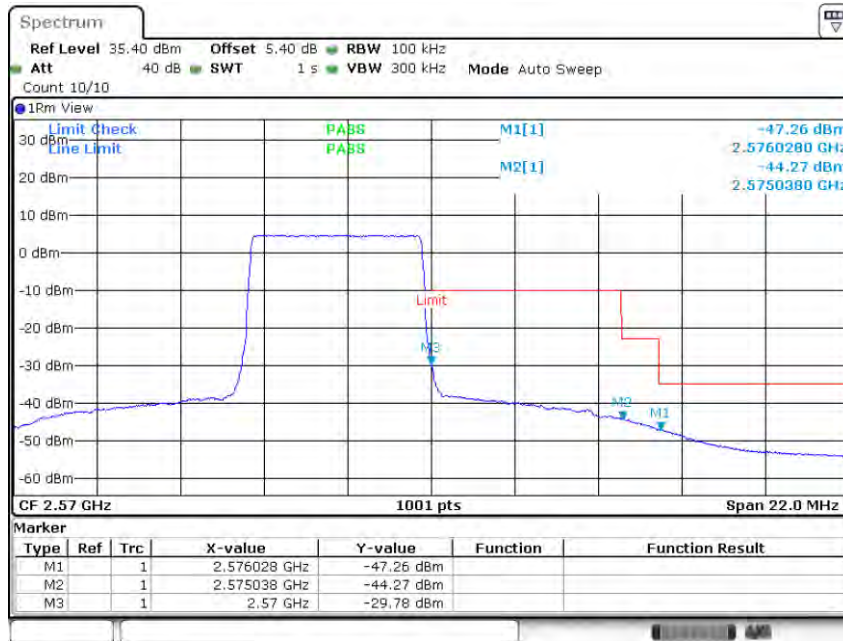
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Date: 9 MAY 2021 11:32:25

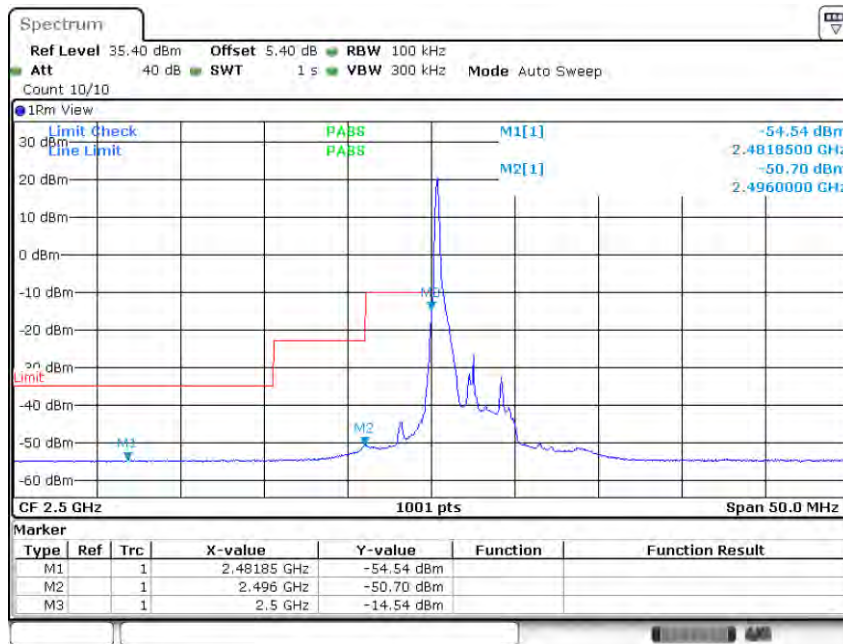


Band7-5MHz-64QAM-21425-25RB#0



Date: 9 MAY 2021 11:33:13

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

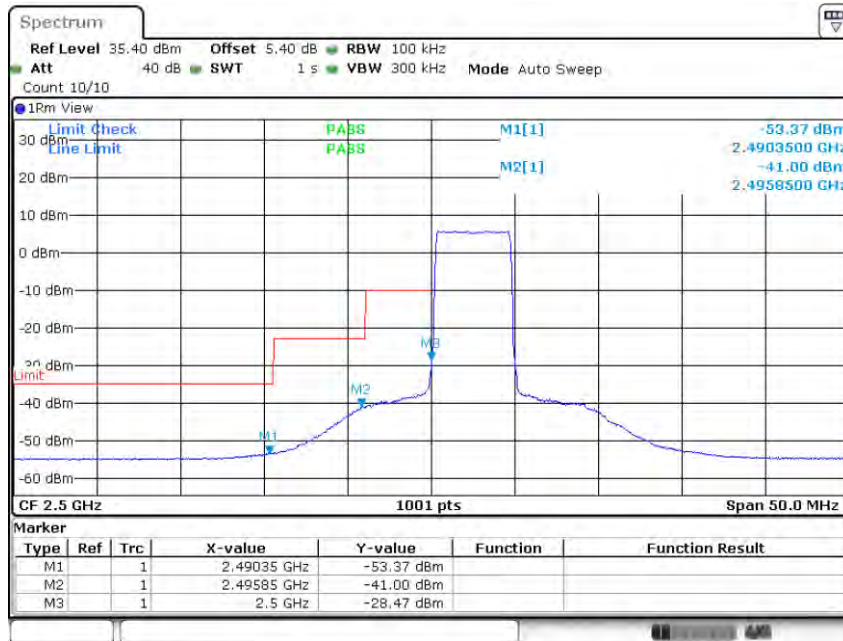


Date: 9 MAY 2021 09:28:18



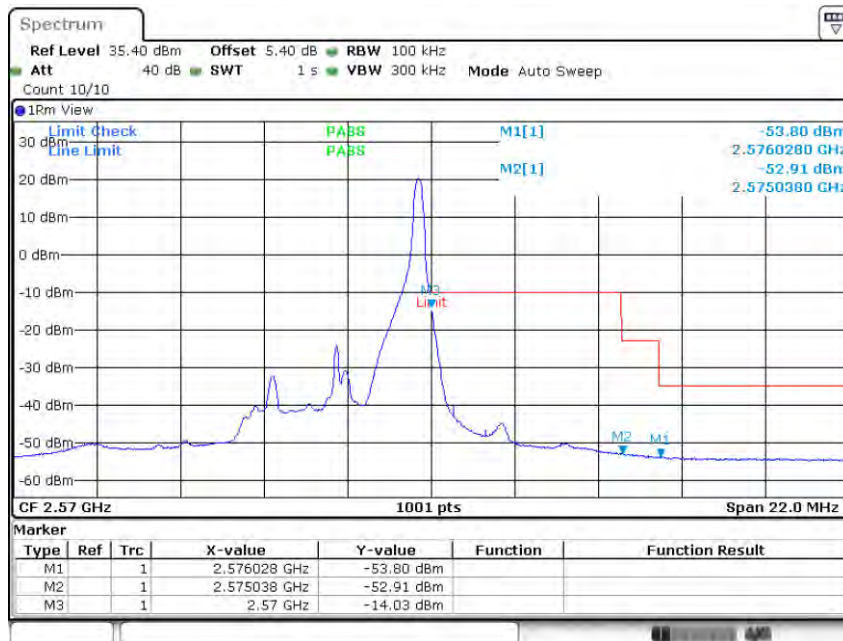
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Band7-5MHz-16QAM-20775-25RB#0



Date: 9 MAY 2021 09:29:52

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

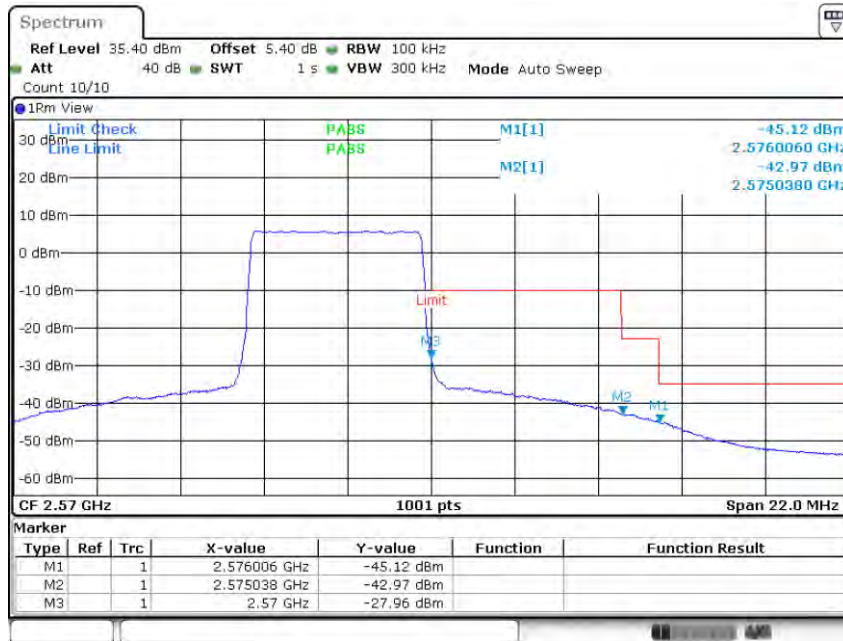


Date: 9 MAY 2021 09:29:05



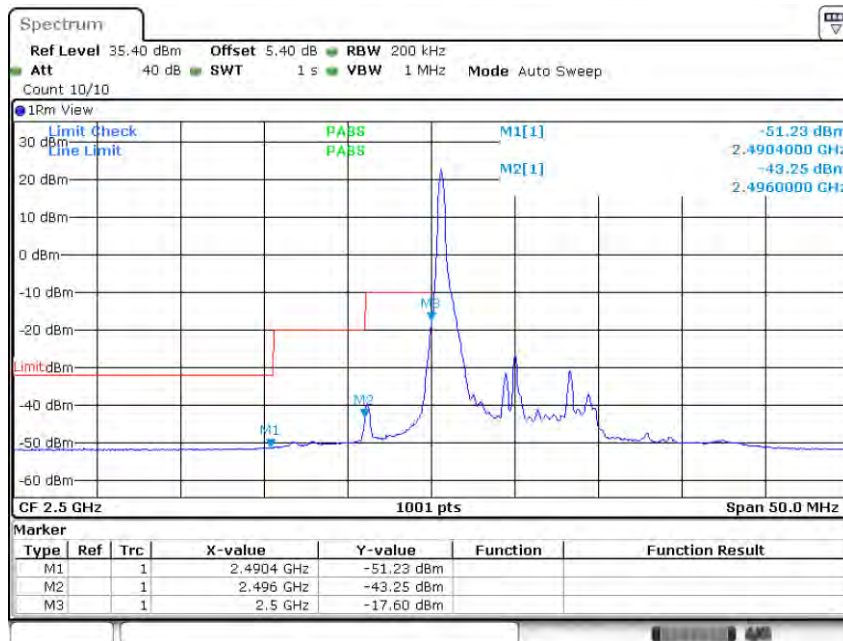
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Band7-5MHz-16QAM-21425-25RB#0



Date: 9 MAY 2021 09:30:35

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

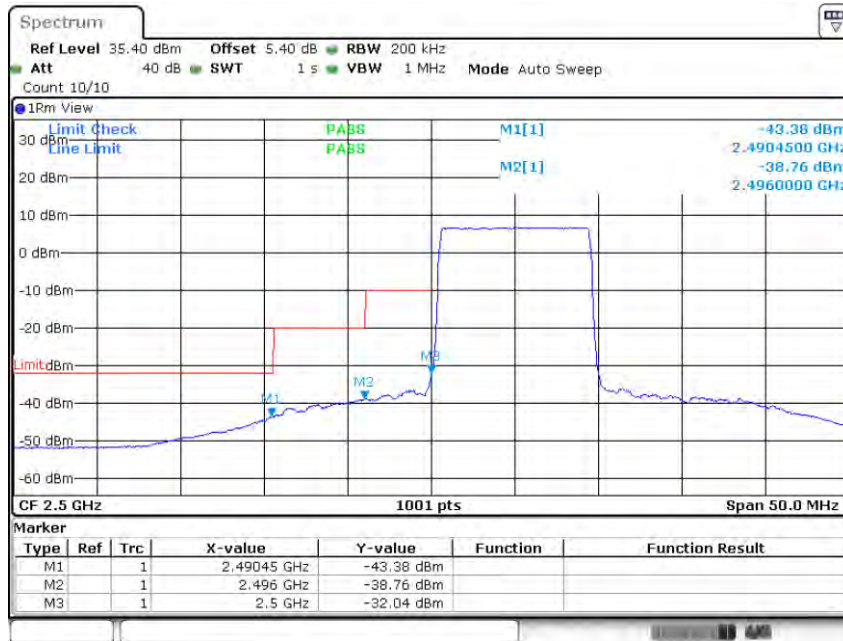


Date: 9 MAY 2021 09:31:01



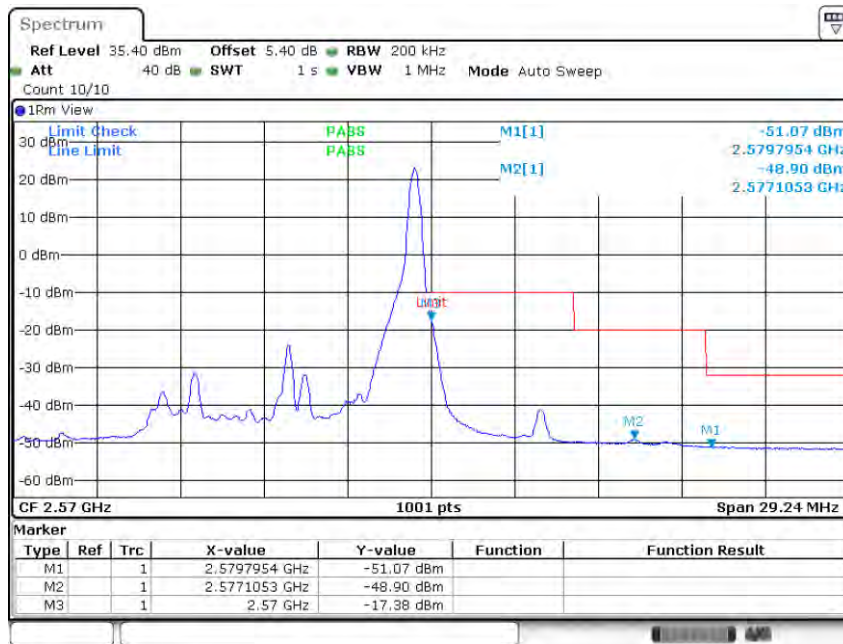
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Band7-10MHz-QPSK-20800-50RB#0



Date: 9 MAY 2021 09:32:35

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



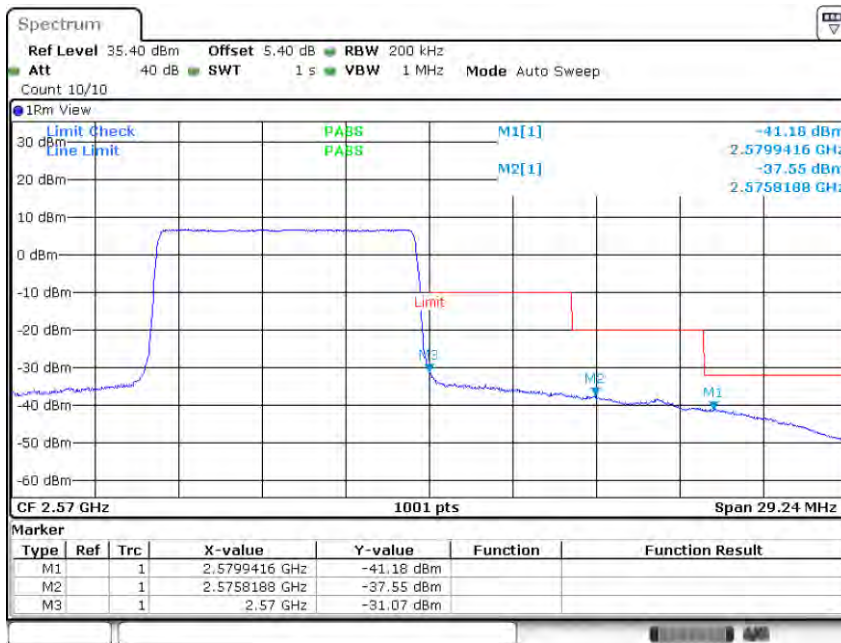
Date: 9 MAY 2021 09:31:48



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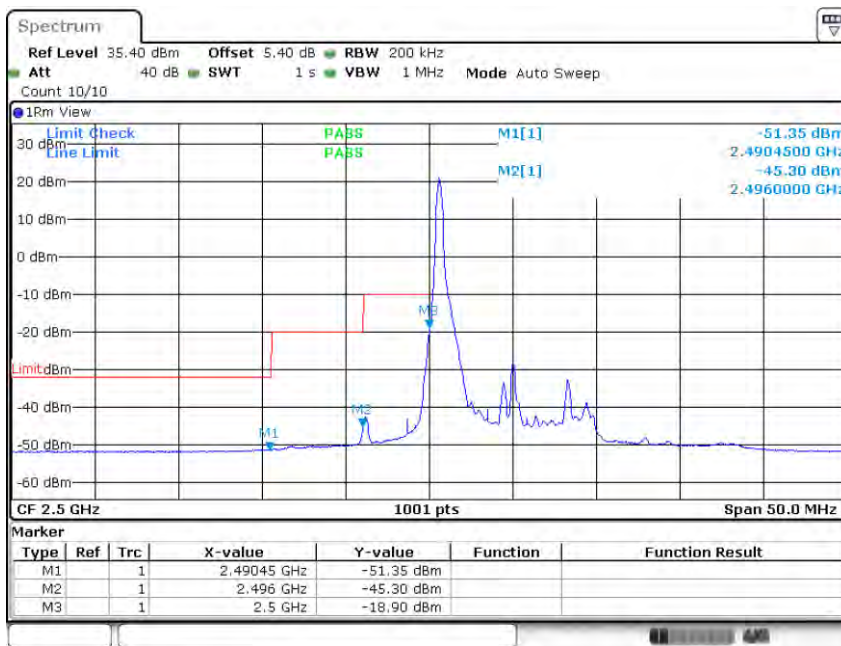


Band7-10MHz-QPSK-21400-50RB#0



Date: 9.MAY.2021 09:33:18

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

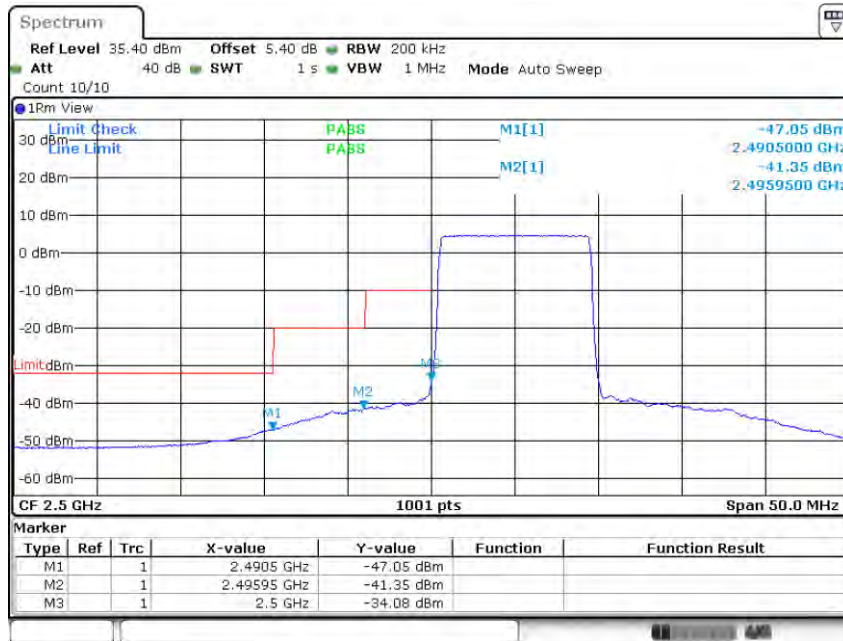


Date: 9.MAY.2021 11:33:39



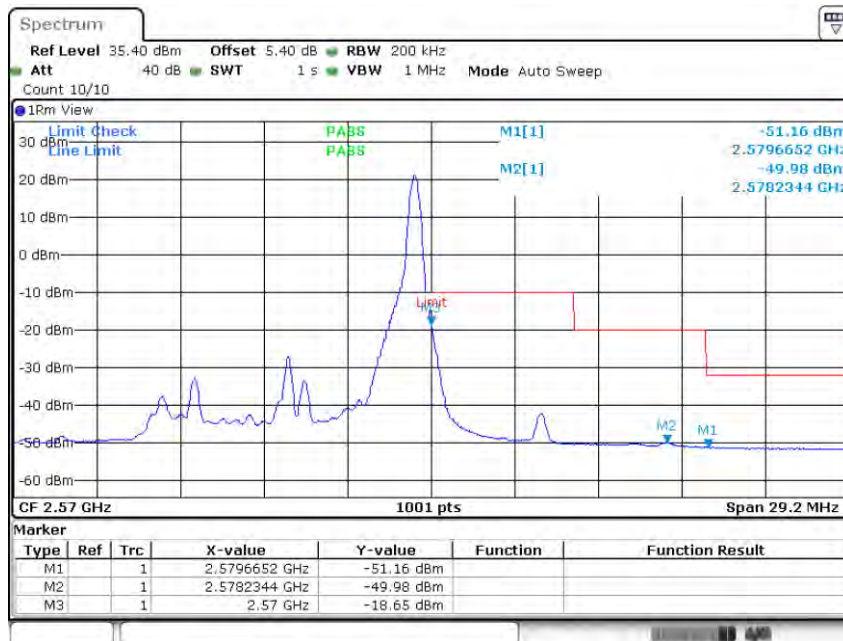
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Band7-10MHz-64QAM-20800-50RB#0



Date: 9 MAY 2021 11:34:31

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

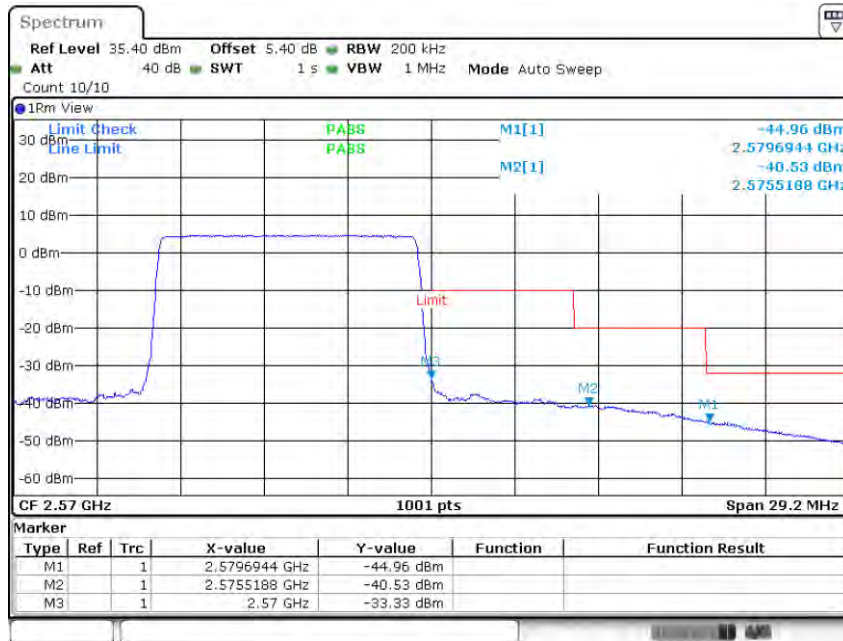


Date: 9 MAY 2021 11:34:05



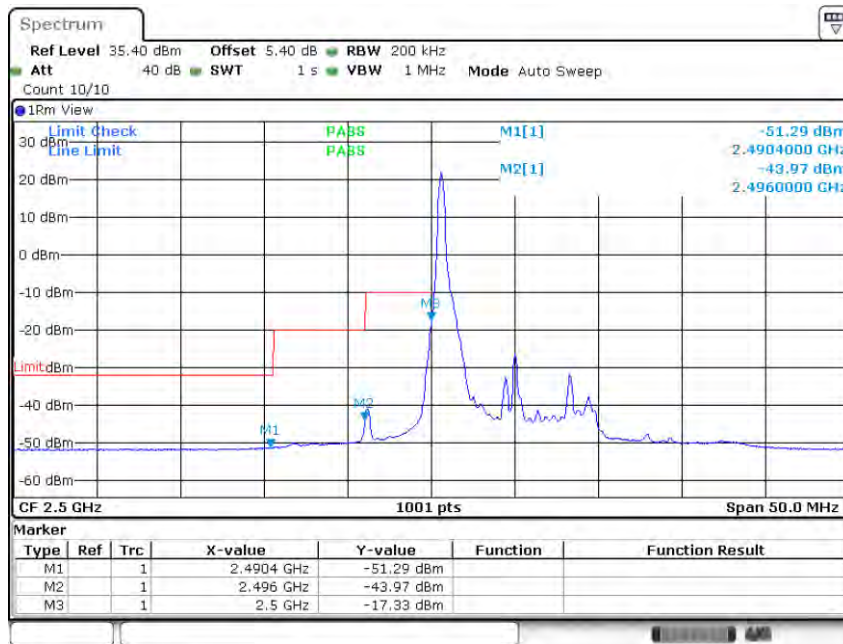
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Band7-10MHz-64QAM-21400-50RB#0



Date: 9 MAY 2021 11:34:53

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



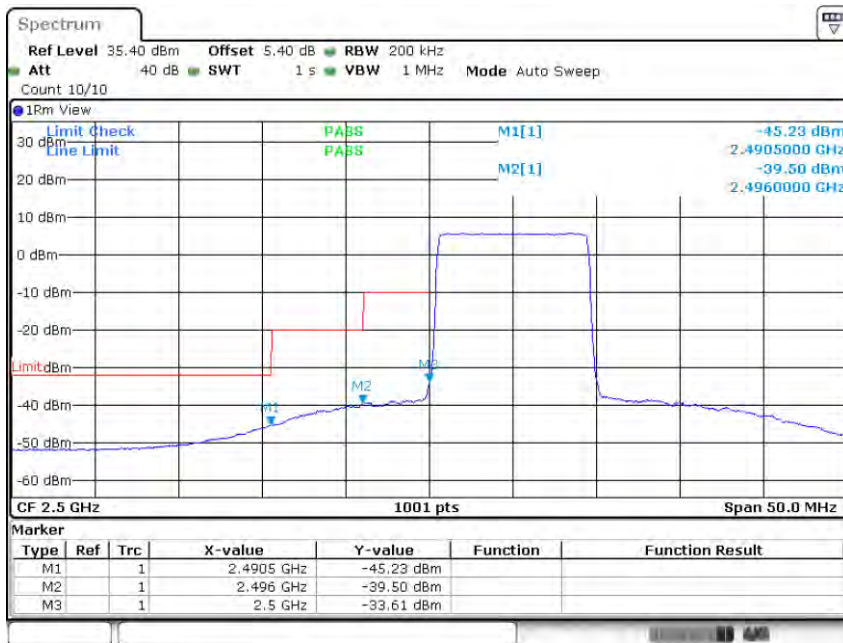
Date: 9 MAY 2021 09:31:22



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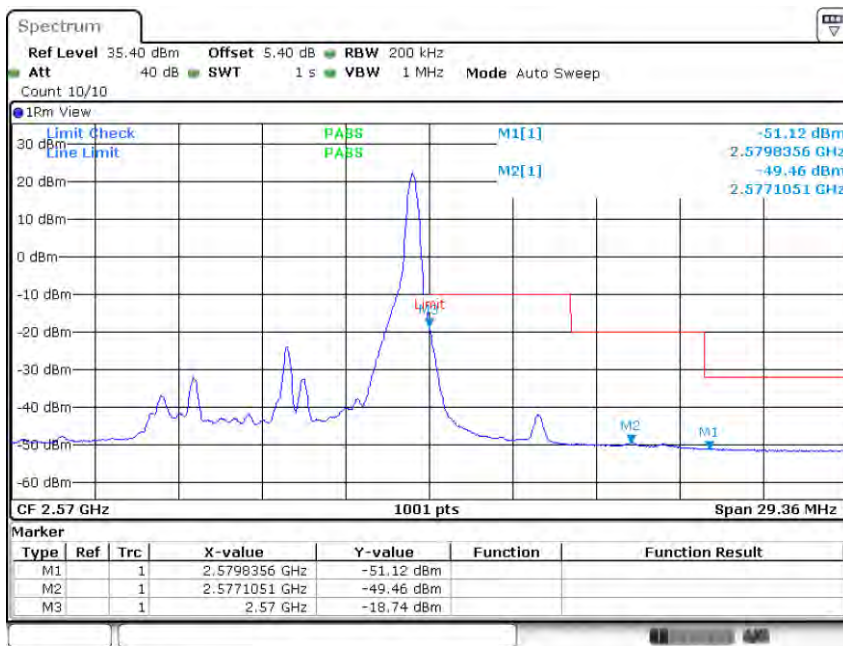


Band7-10MHz-16QAM-20800-50RB#0



Date: 9 MAY 2021 09:32:56

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

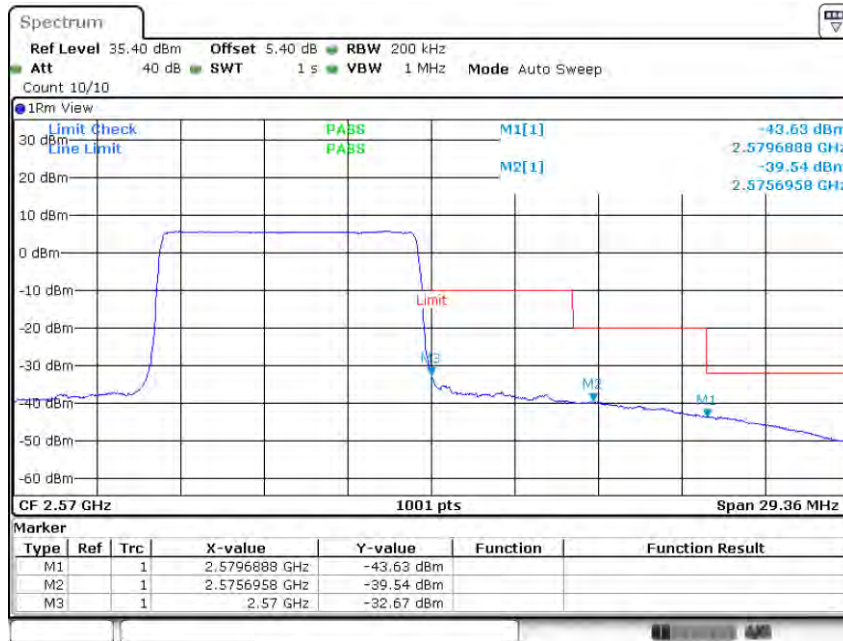


Date: 9 MAY 2021 09:32:09



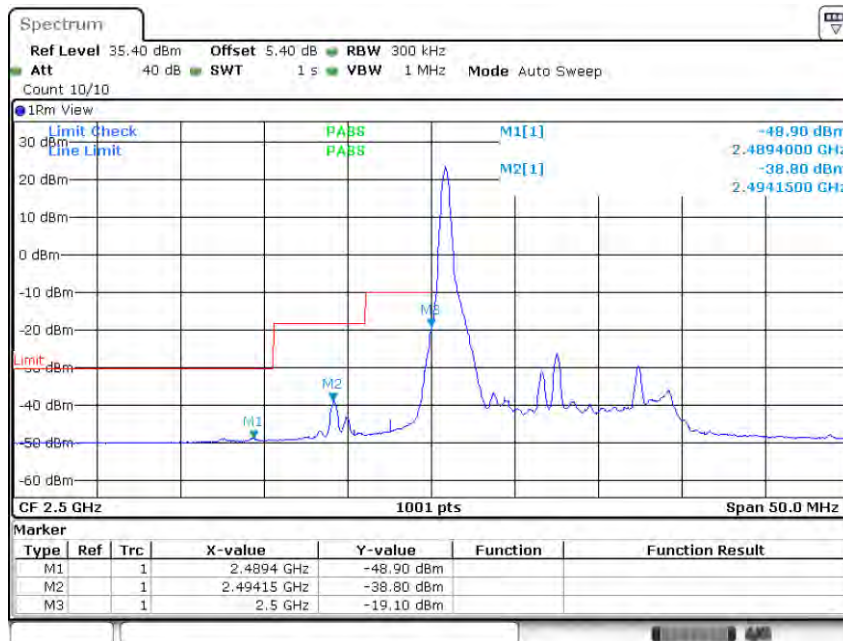
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Band7-10MHz-16QAM-21400-50RB#0



Date: 9 MAY 2021 09:33:39

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



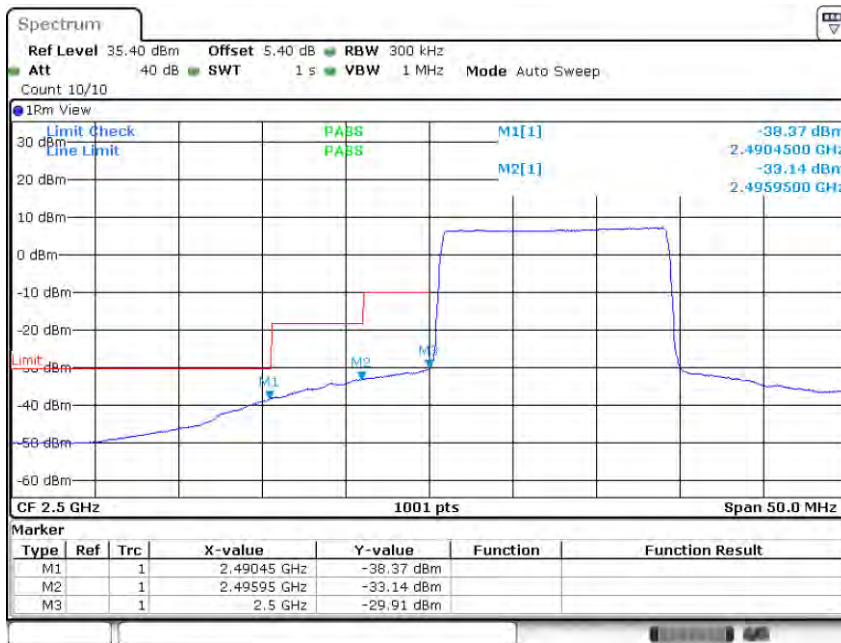
Date: 9 MAY 2021 09:34:05



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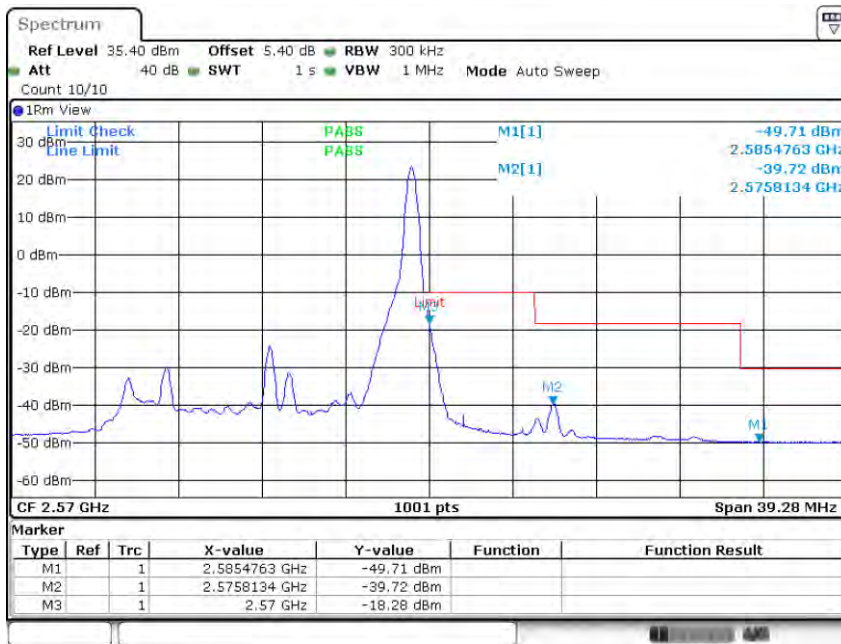


Band7-15MHz-QPSK-20825-75RB#0



Date: 9 MAY 2021 09:35:39

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

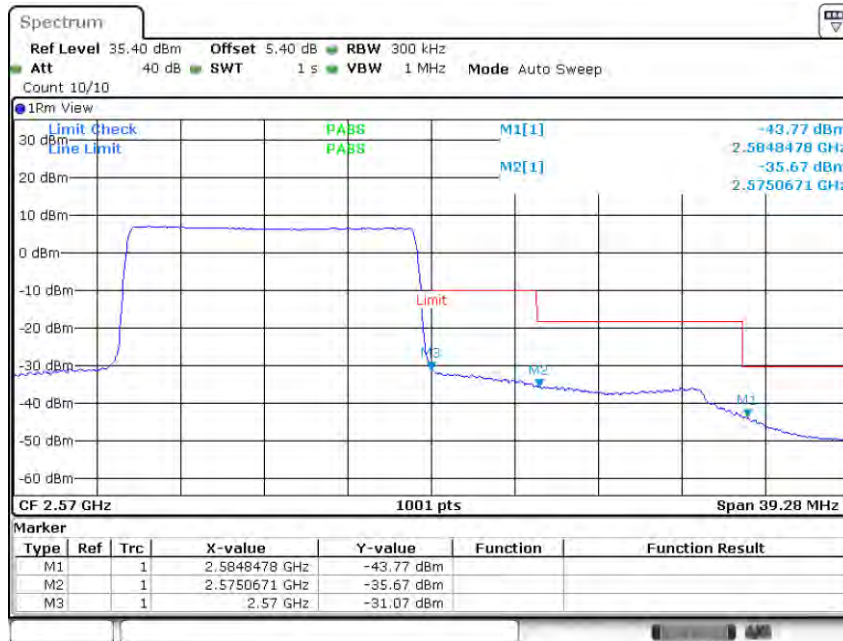


Date: 9 MAY 2021 09:34:52



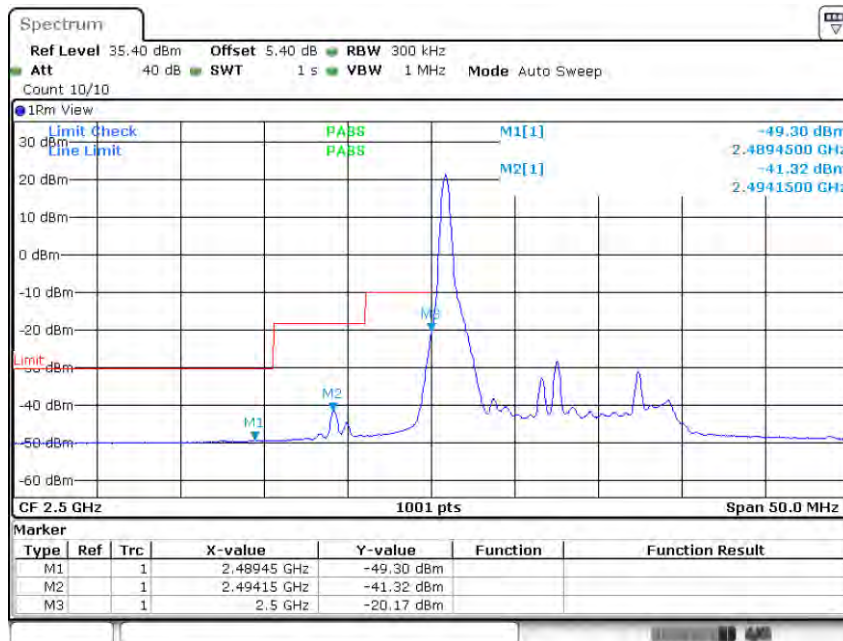
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Band7-15MHz-QPSK-21375-75RB#0



Date: 9 MAY 2021 09:36:22

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

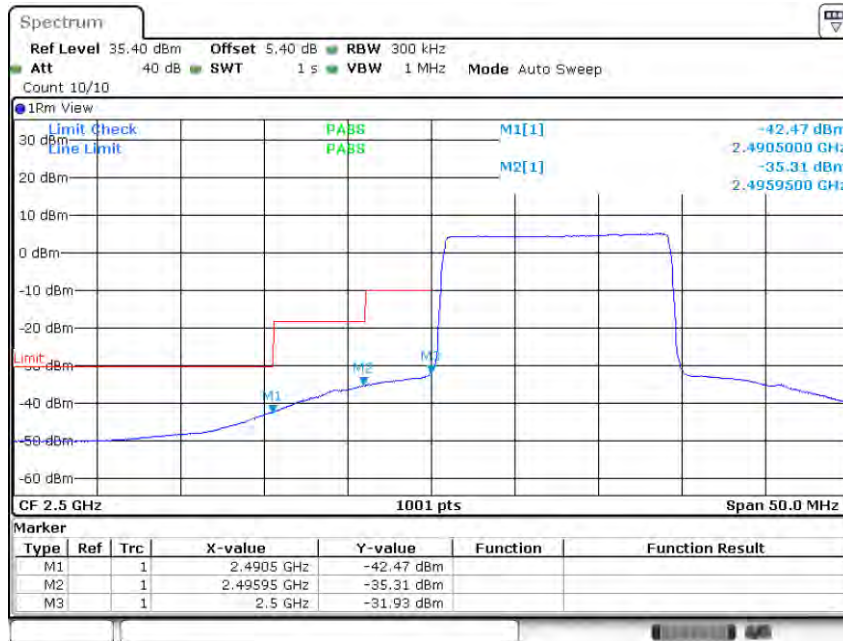


Date: 9 MAY 2021 11:35:19



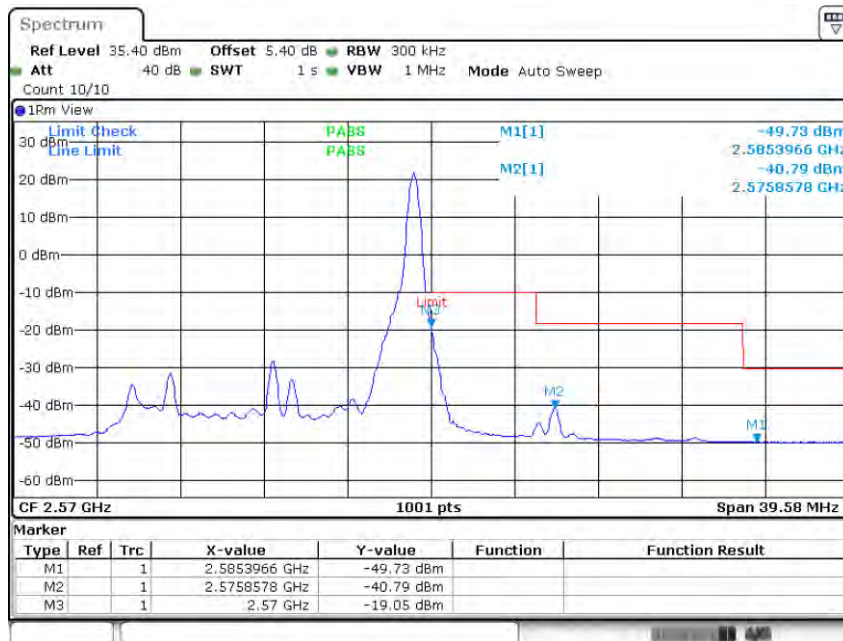
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Band7-15MHz-64QAM-20825-75RB#0



Date: 9.MAY.2021 11:36:11

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



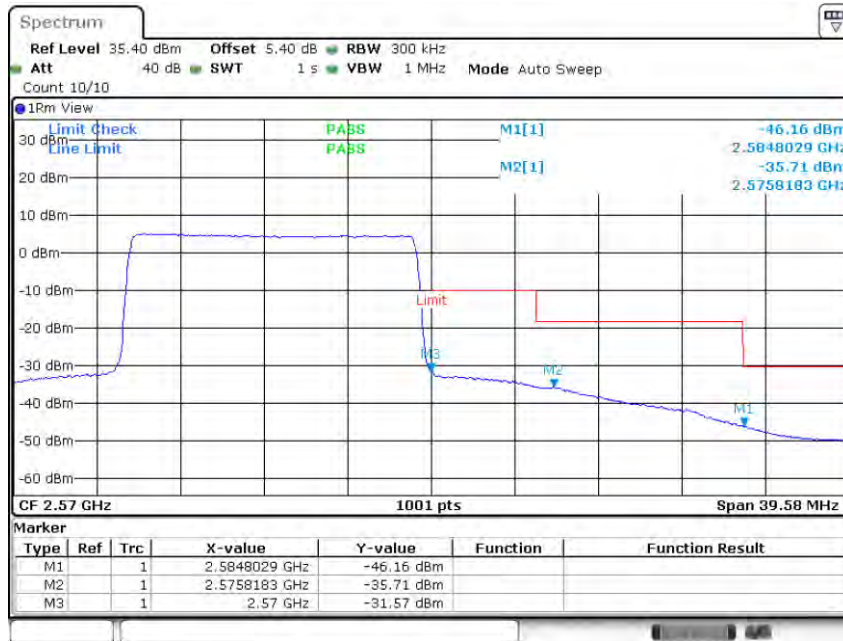
Date: 9.MAY.2021 11:35:45



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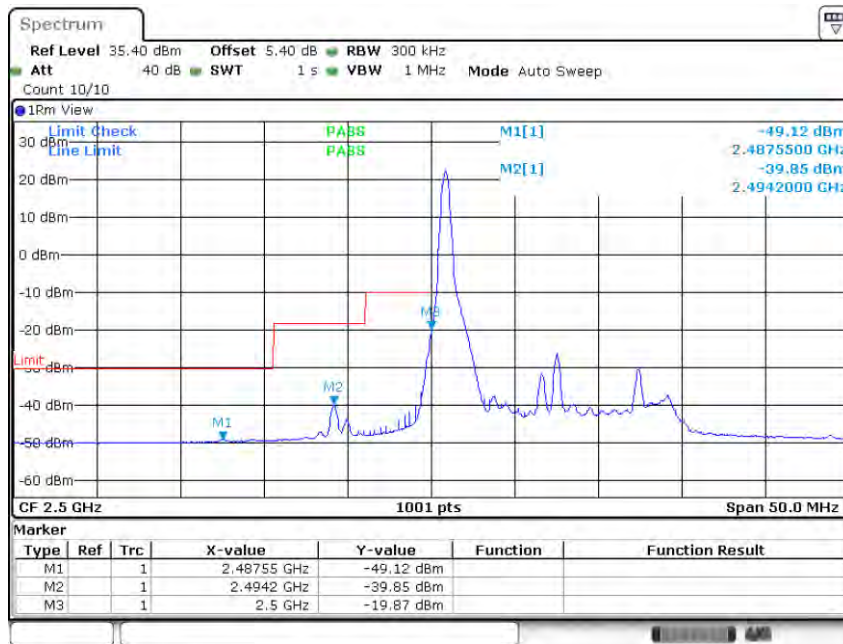


Band7-15MHz-64QAM-21375-75RB#0



Date: 9.MAY.2021 11:36:33

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

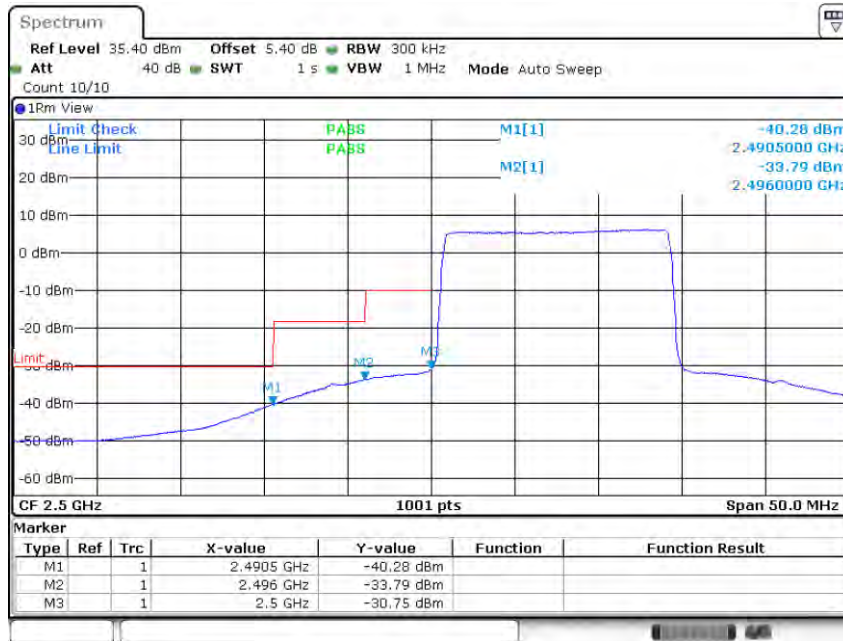


Date: 9.MAY.2021 09:34:26



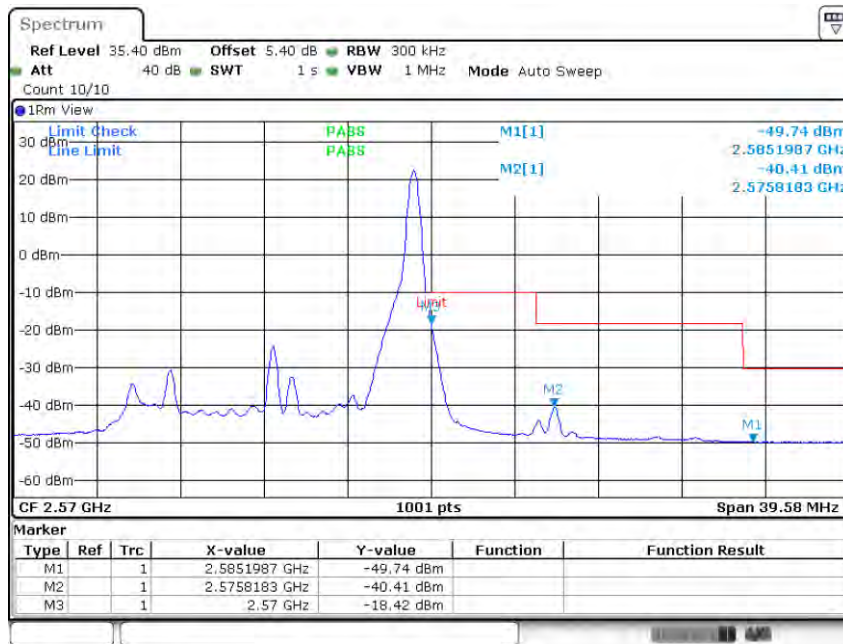
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Band7-15MHz-16QAM-20825-75RB#0



Date: 9 MAY 2021 09:36:00

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

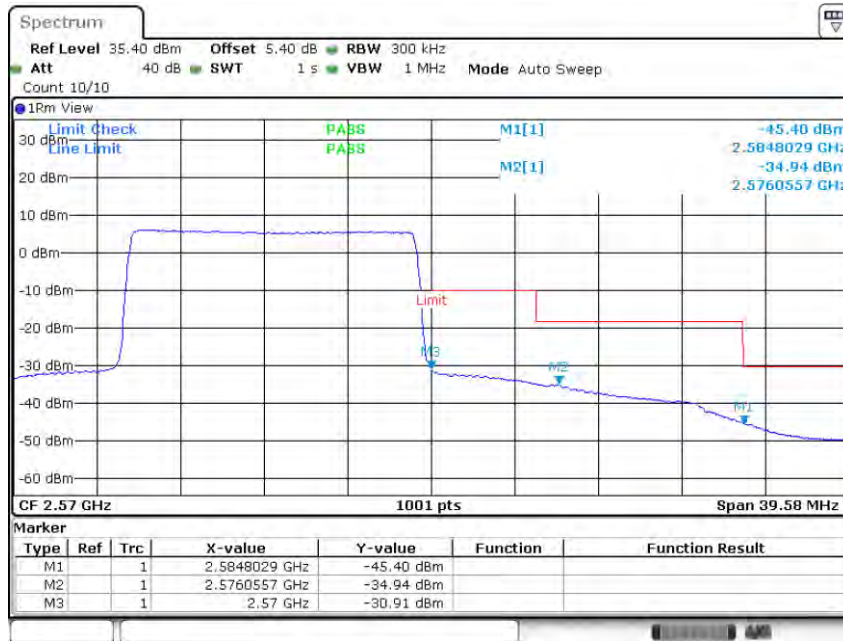


Date: 9 MAY 2021 09:35:13



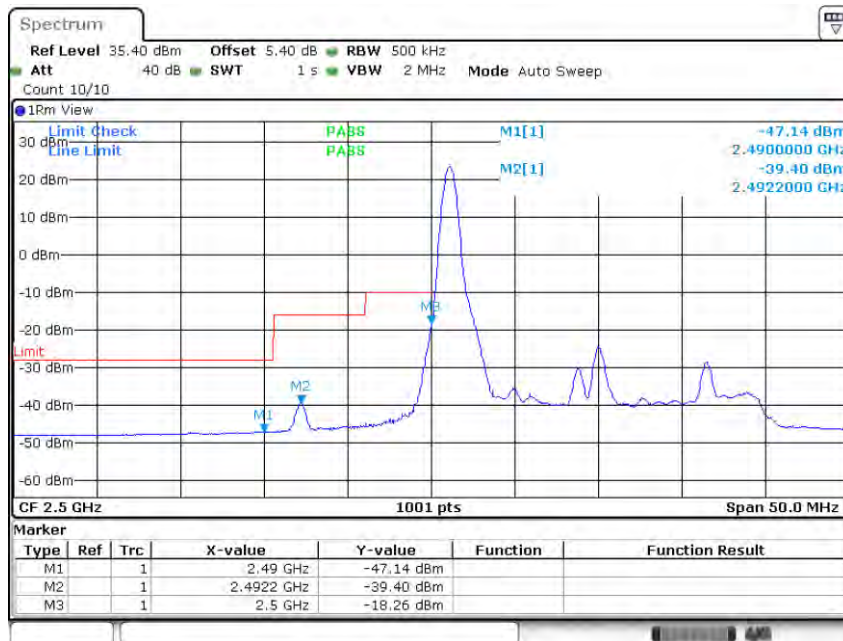
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Band7-15MHz-16QAM-21375-75RB#0



Date: 9 MAY 2021 09:36:43

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

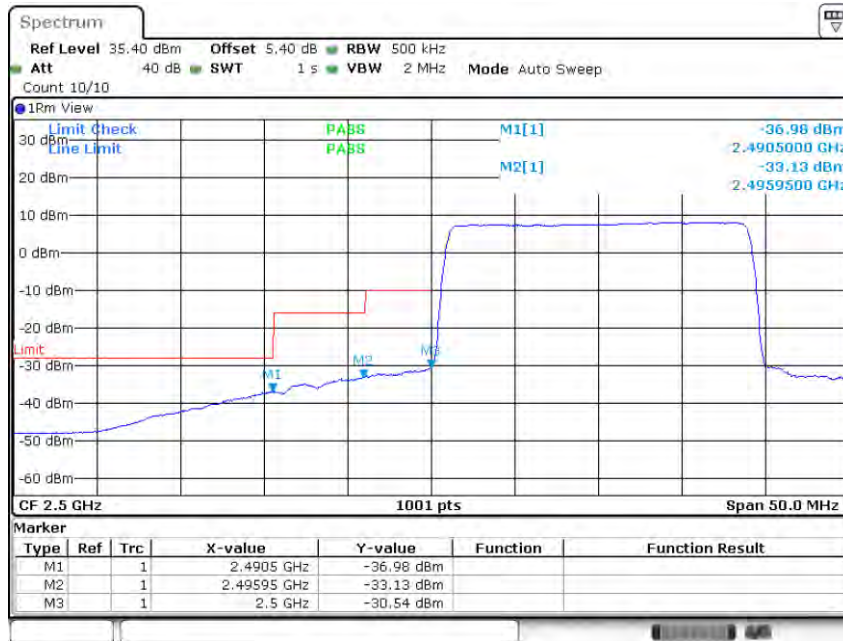


Date: 9 MAY 2021 09:37:09



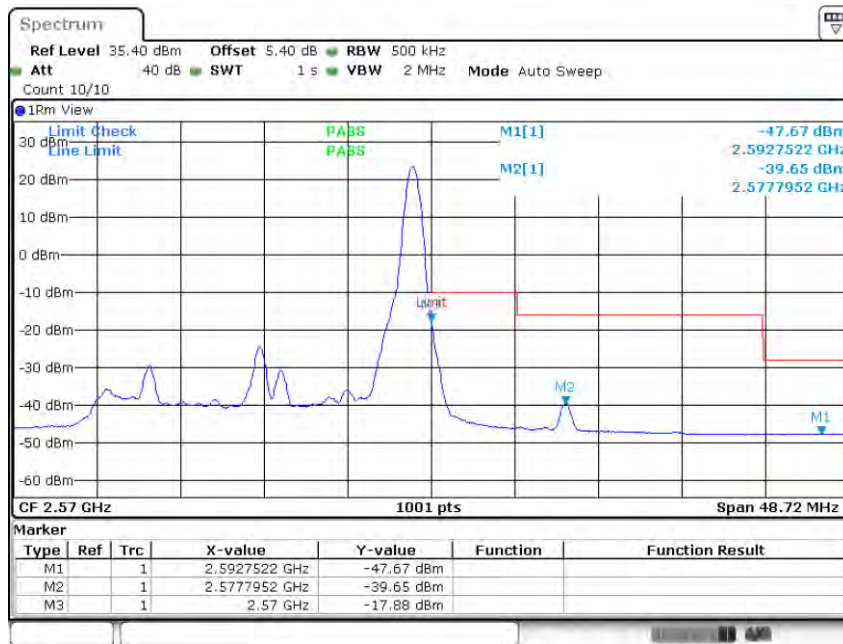
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Band7-20MHz-QPSK-20850-100RB#0



Date: 9 MAY 2021 09:38:43

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

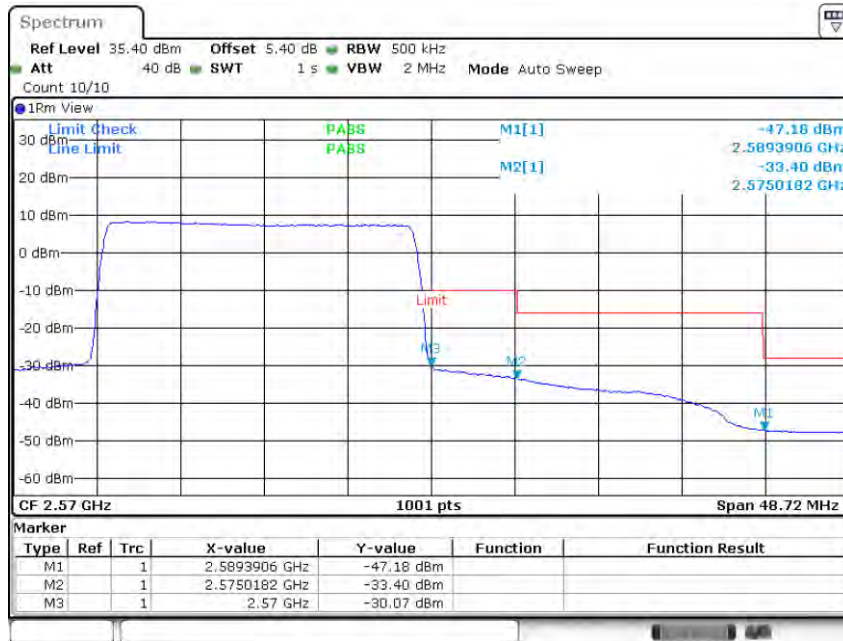


Date: 9 MAY 2021 09:37:56



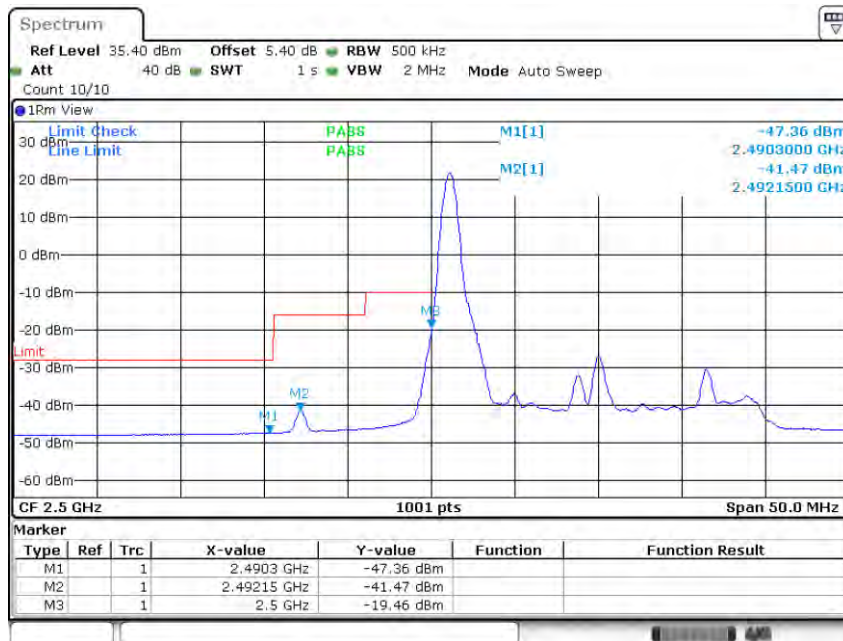
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Band7-20MHz-QPSK-21350-100RB#0



Date: 9 MAY 2021 09:39:26

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

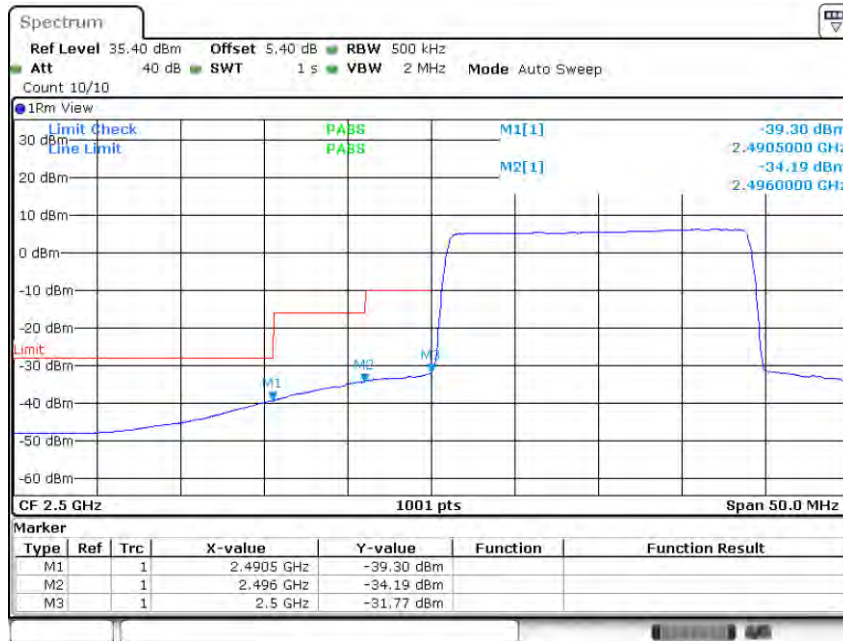


Date: 9 MAY 2021 11:36:59



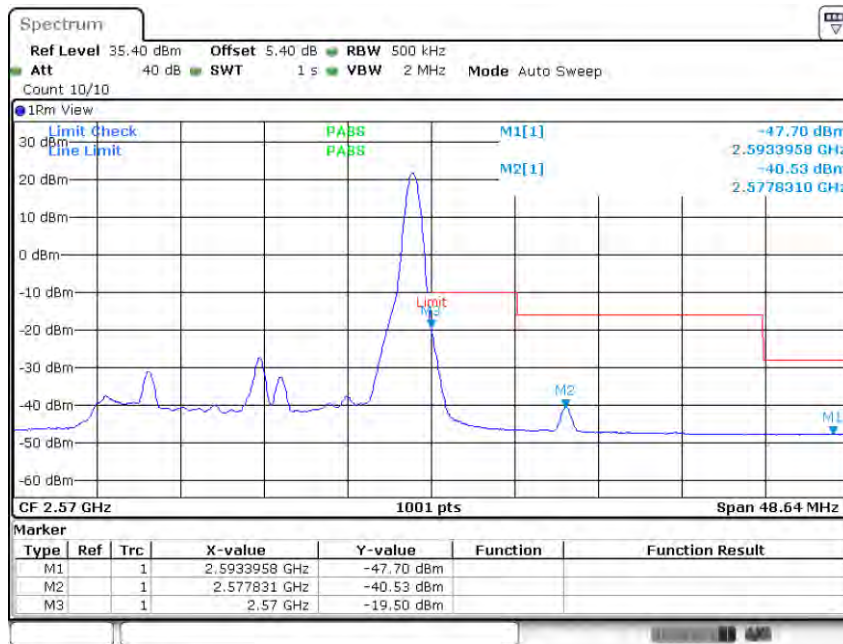
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Band7-20MHz-64QAM-20850-100RB#0



Date: 9 MAY 2021 11:37:51

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



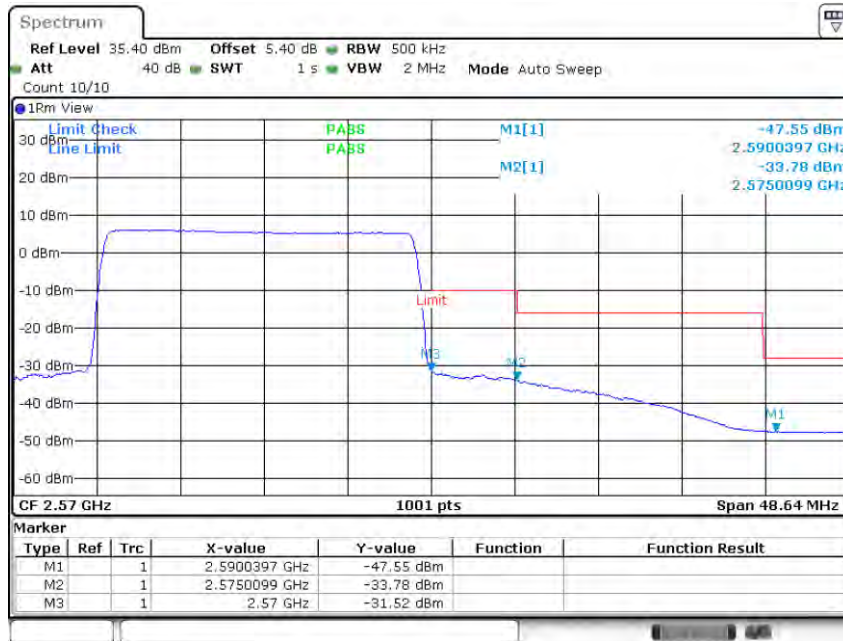
Date: 9 MAY 2021 11:37:25



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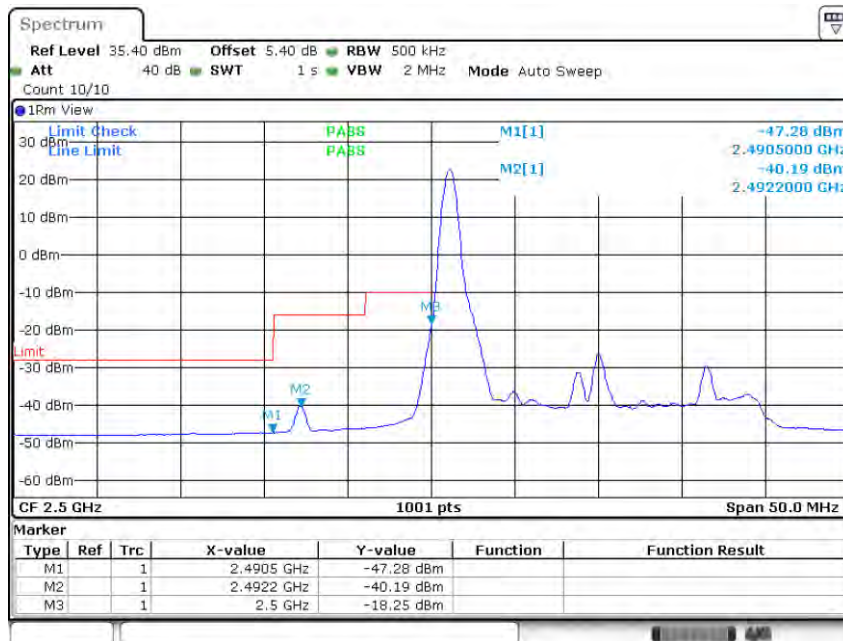


Band7-20MHz-64QAM-21350-100RB#0



Date: 9 MAY 2021 11:38:13

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



Date: 9 MAY 2021 09:37:31

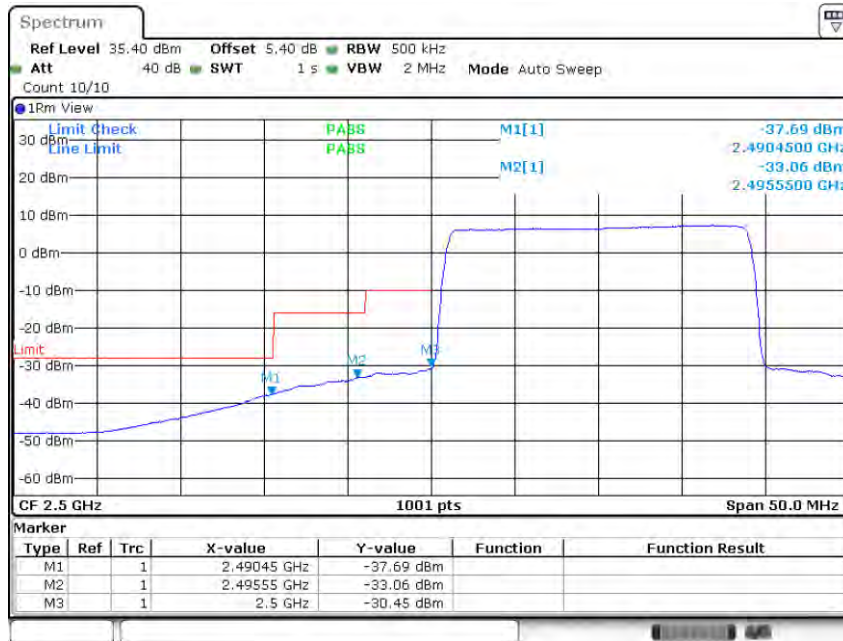


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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch, Inspection & Testing Services Laboratory

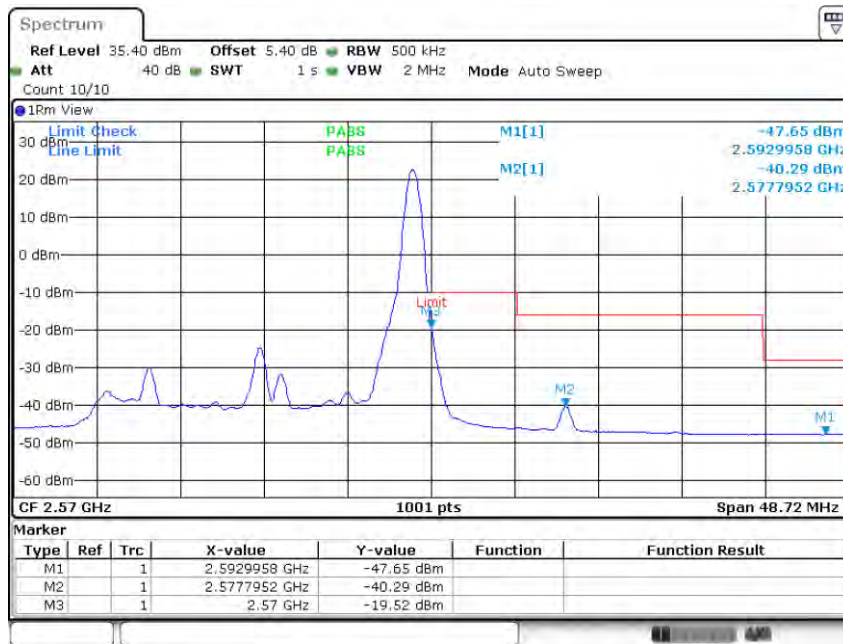
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 9 MAY 2021 09:39:05

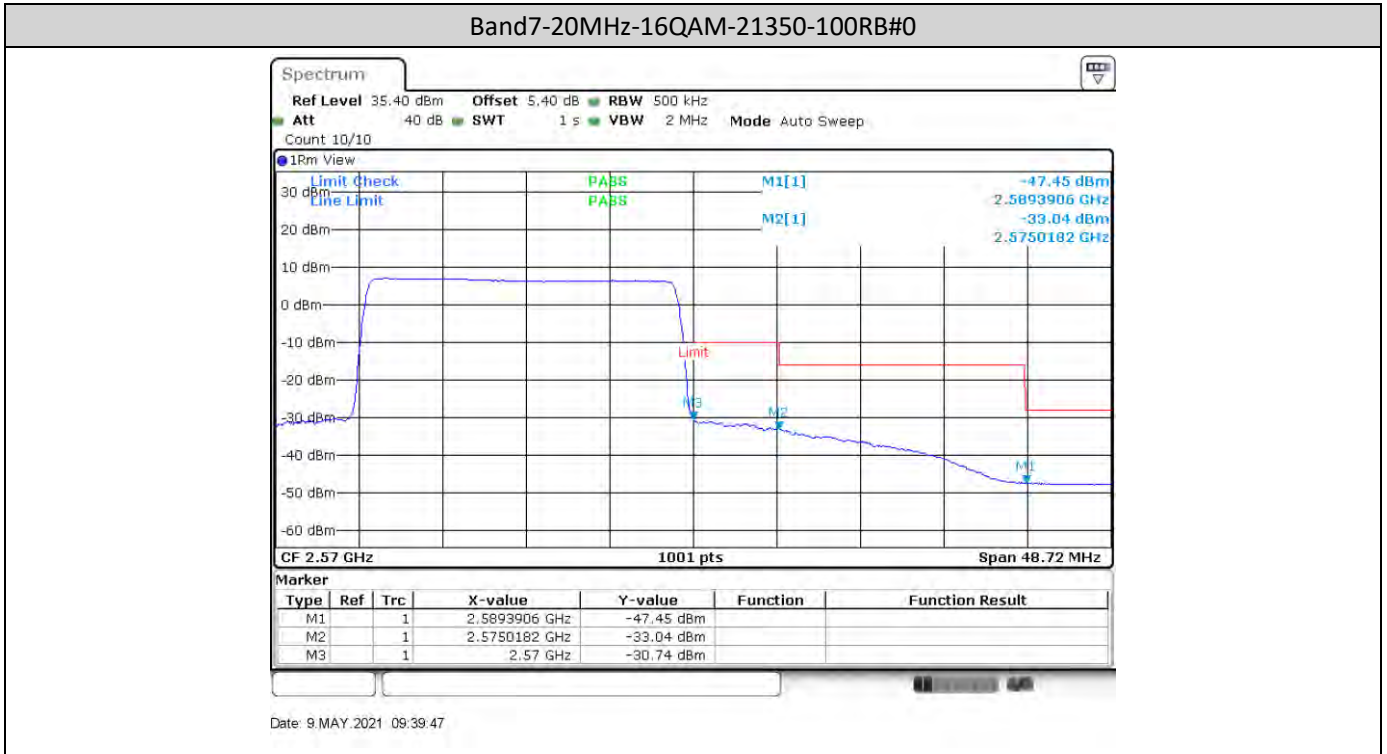
Band7-20MHz-16QAM-21350-1RB#99



Date: 9 MAY 2021 09:38:18



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



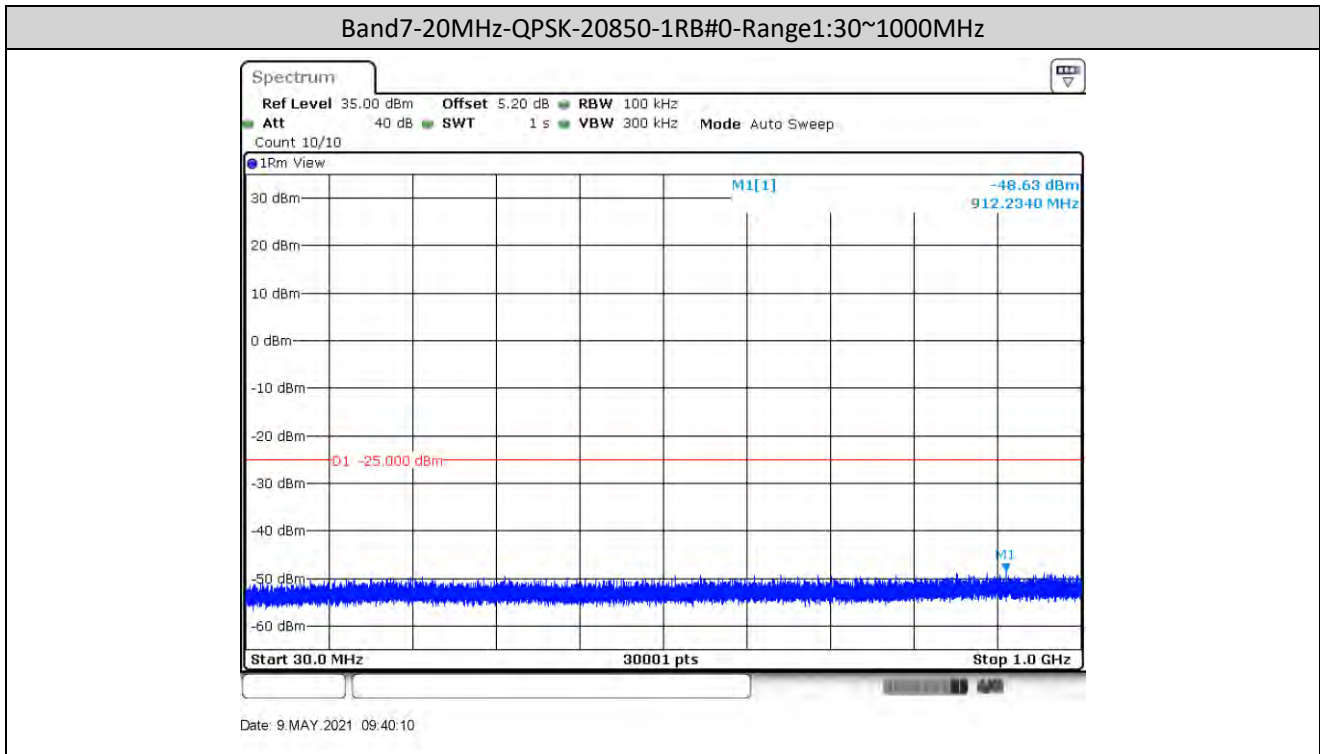
6. Spurious Emission at Antenna Terminal

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



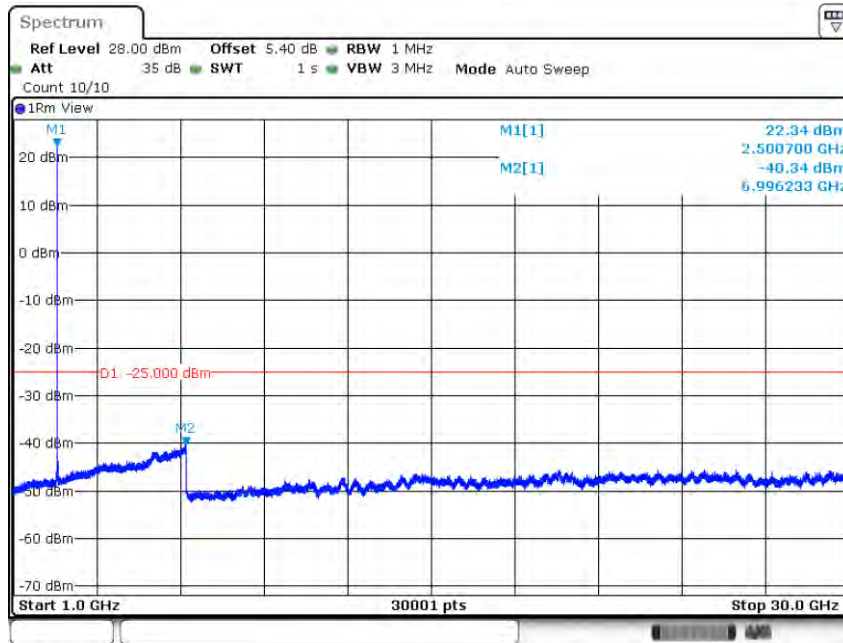
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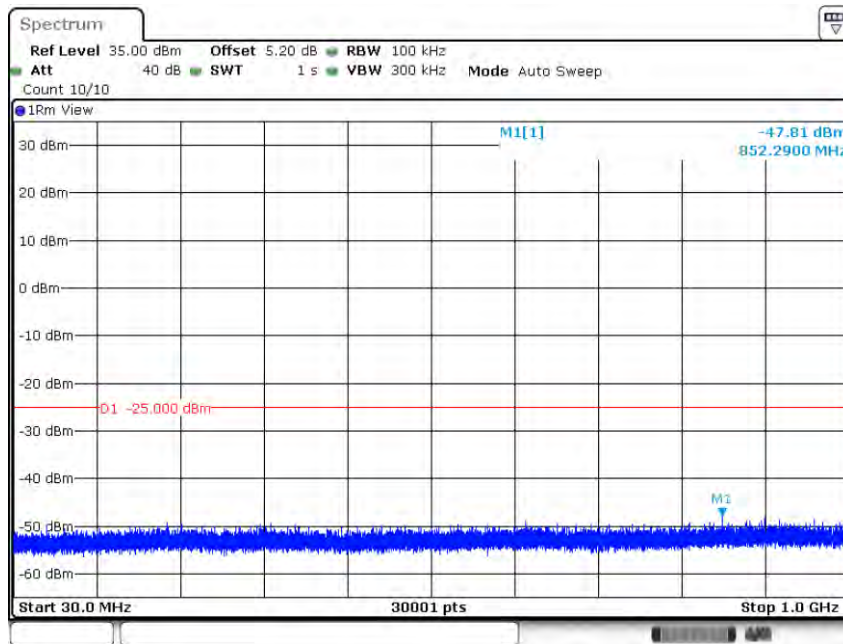
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 9 MAY 2021 09:40:27

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

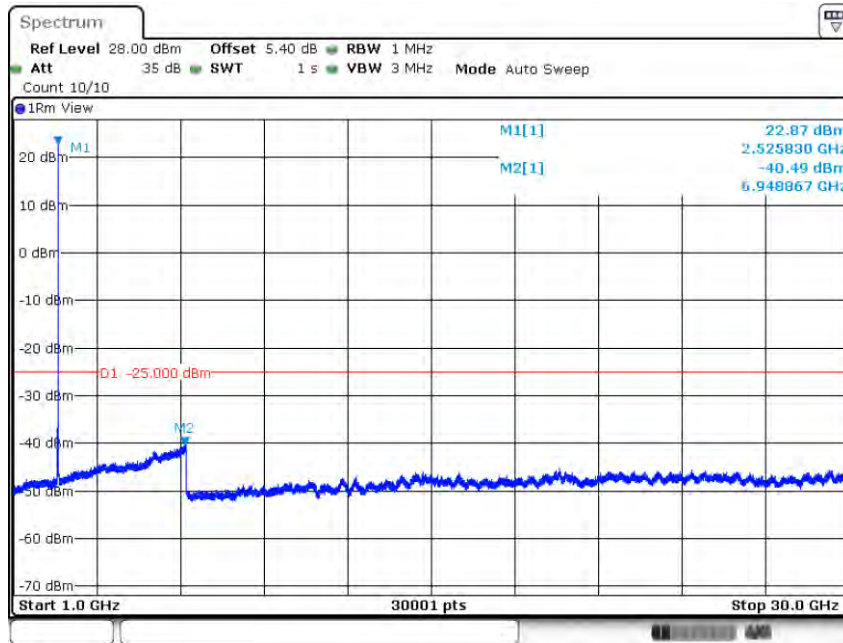


Date: 9 MAY 2021 09:41:21



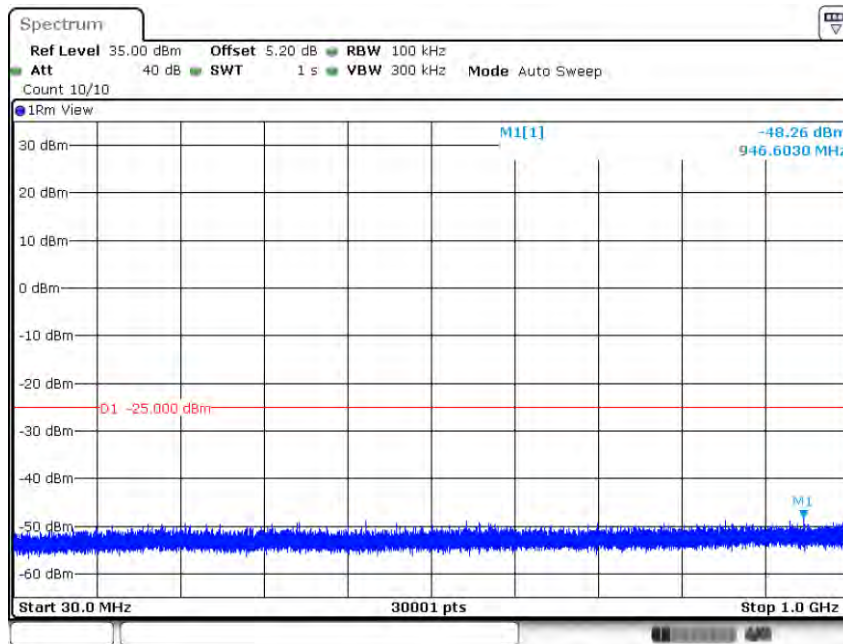
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 9 MAY 2021 09:41:37

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

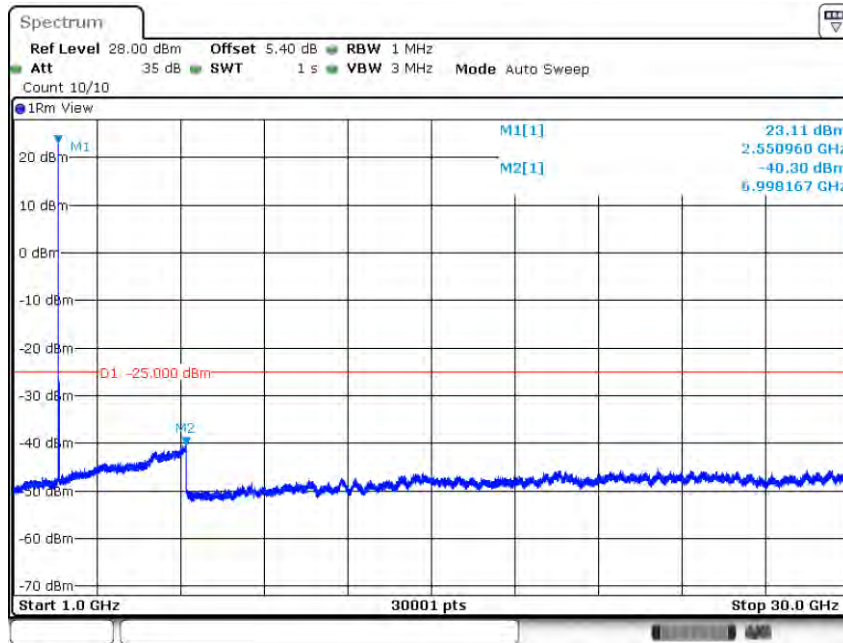


Date: 9 MAY 2021 09:42:32



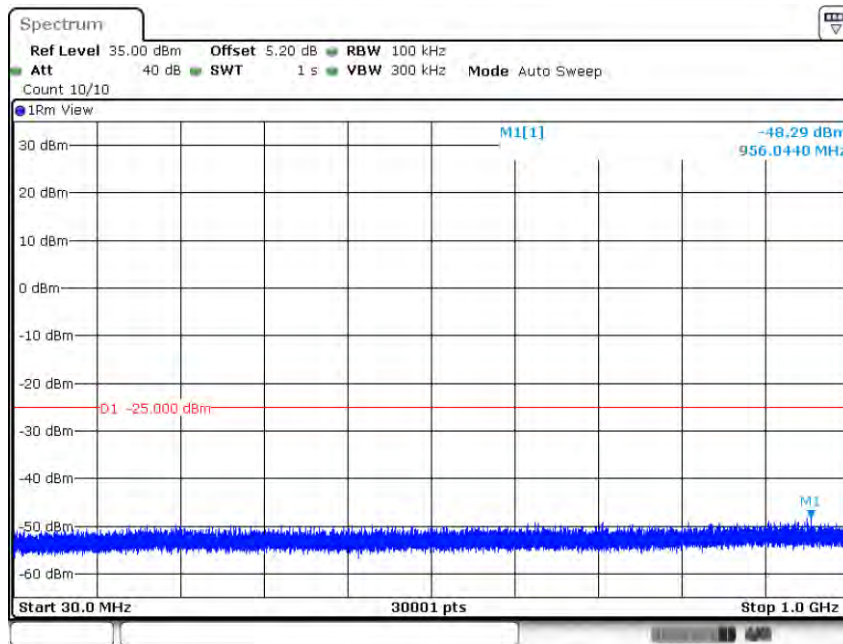
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 9 MAY 2021 09:42:48

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



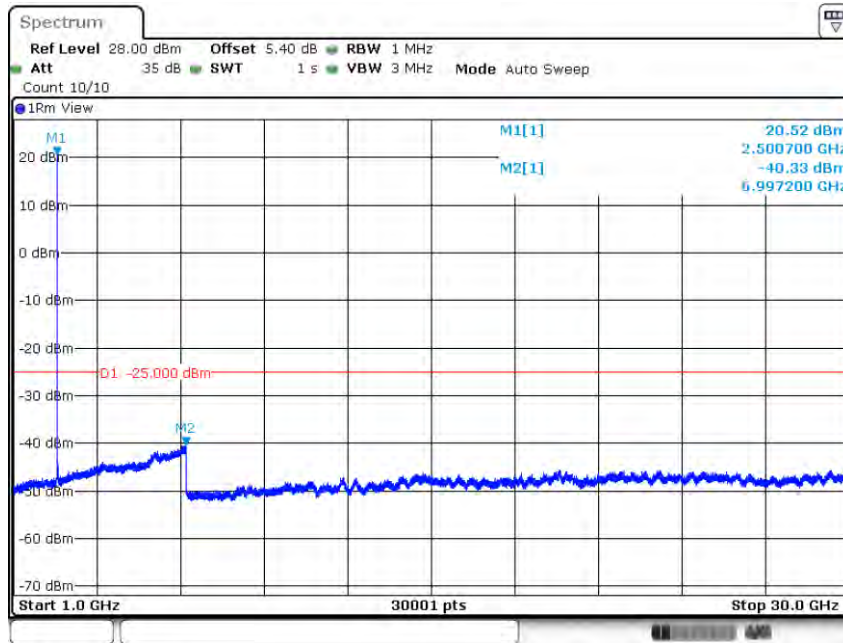
Date: 9 MAY 2021 11:38:36



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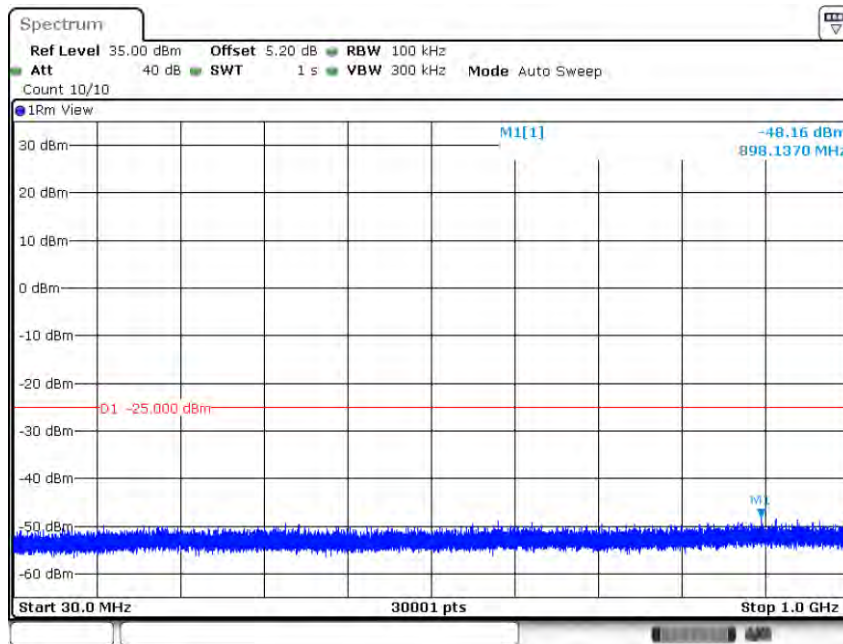
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 9 MAY 2021 11:38:53

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

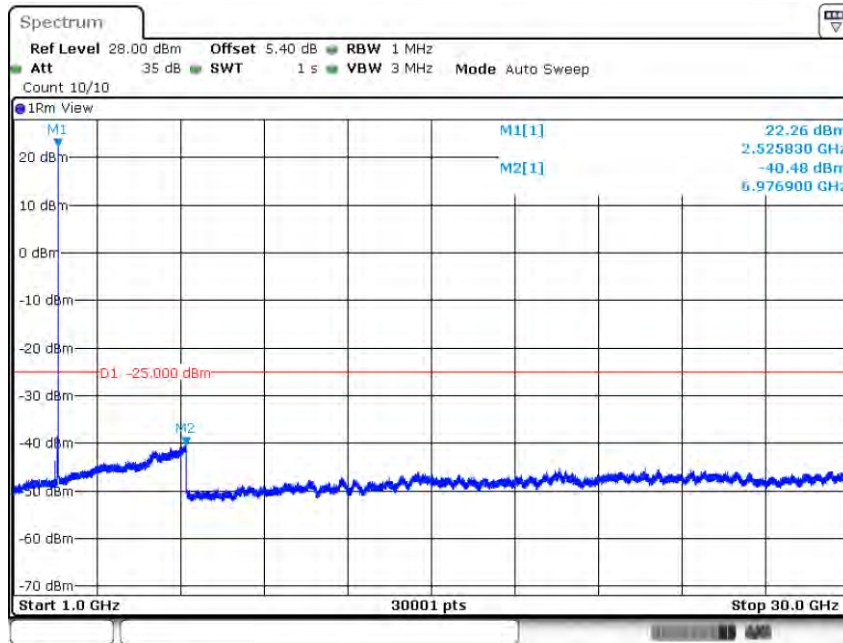


Date: 9 MAY 2021 11:39:12



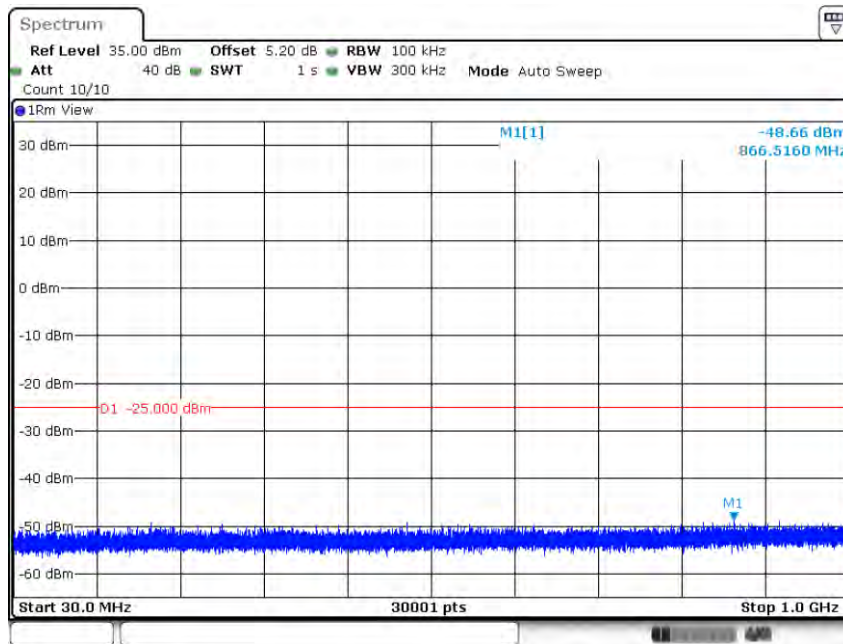
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 9 MAY 2021 11:39:28

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

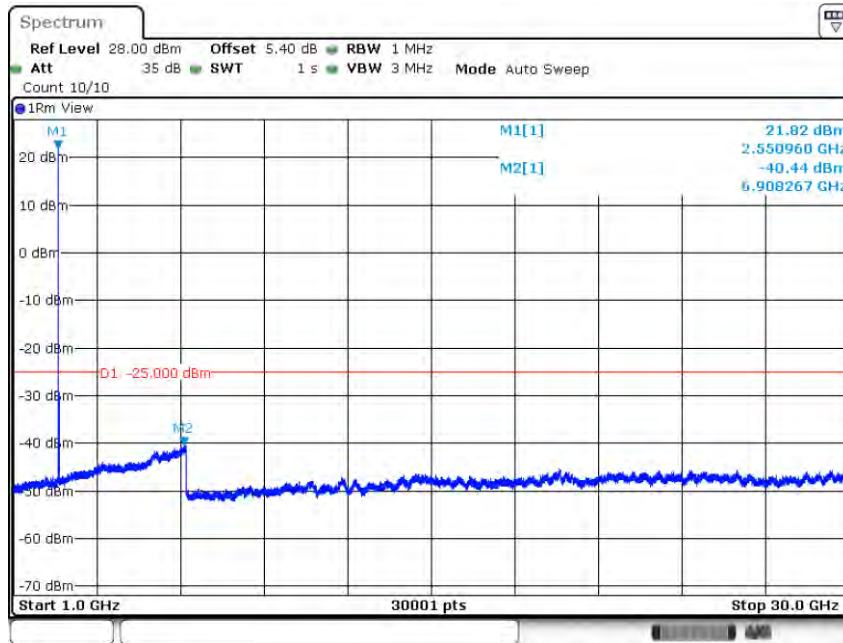


Date: 9 MAY 2021 11:39:47



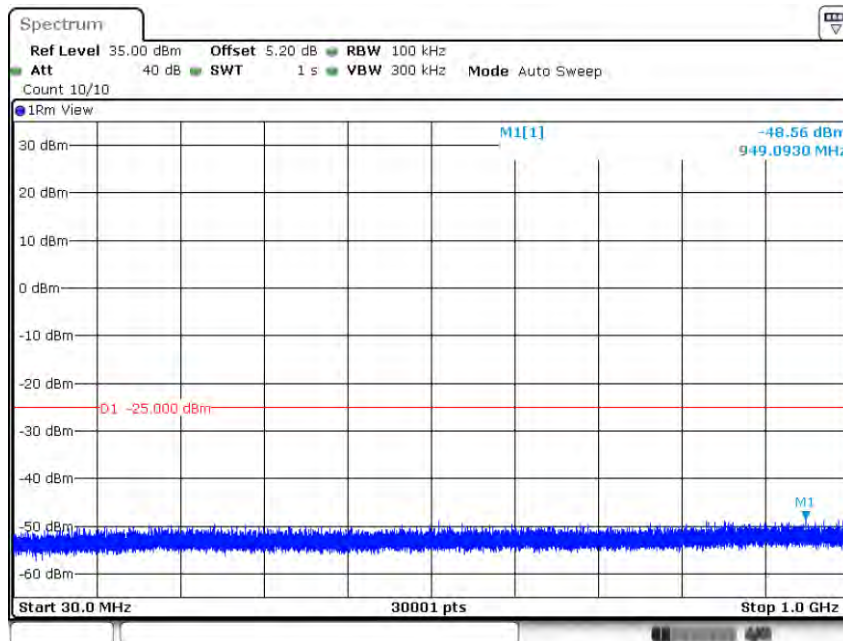
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Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 9 MAY 2021 11:40:03

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

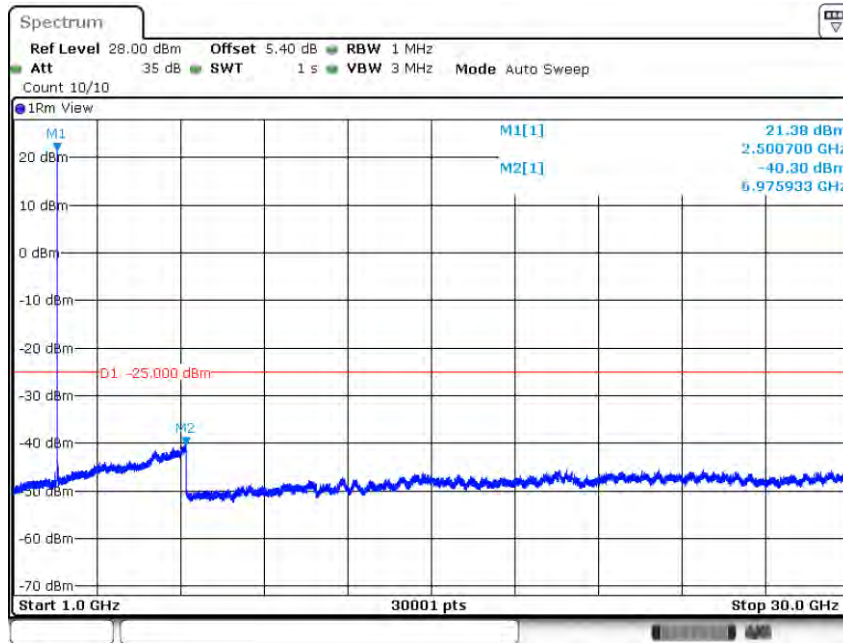


Date: 9 MAY 2021 09:40:45



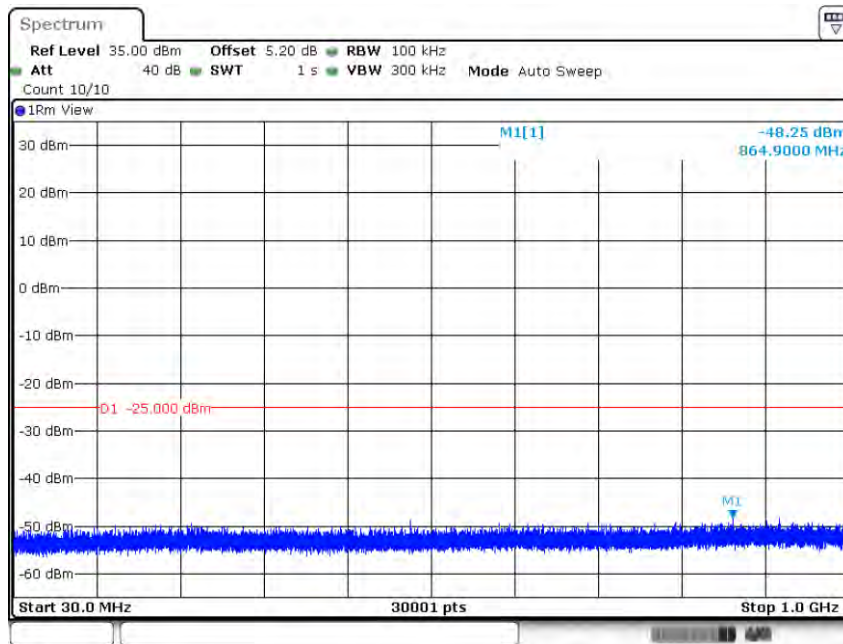
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 9.MAY.2021 09:41:02

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



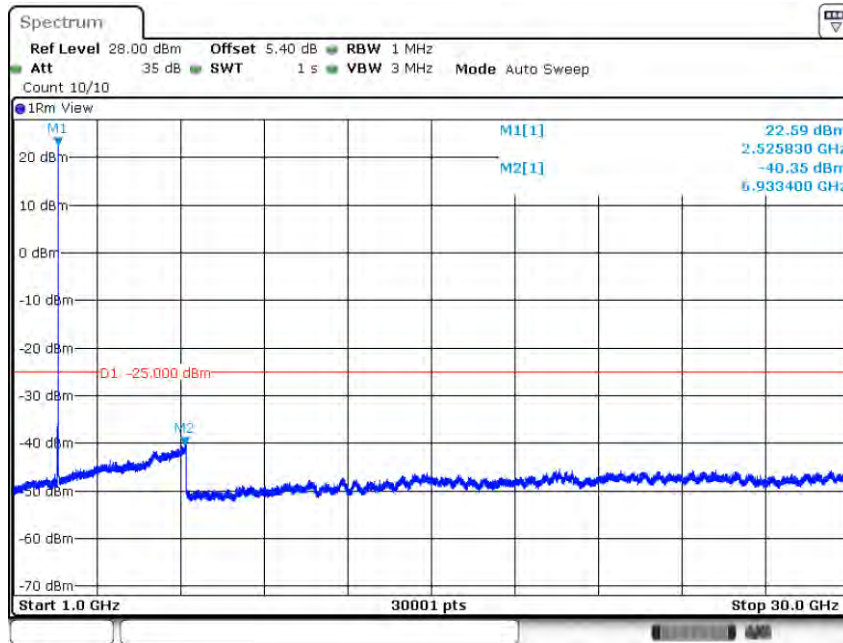
Date: 9.MAY.2021 09:41:56



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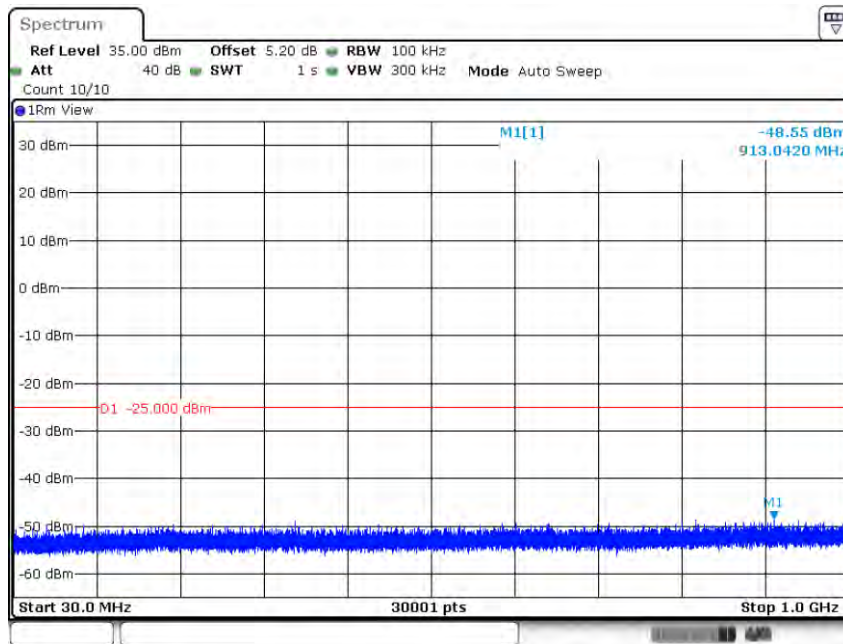
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 9.MAY.2021 09:42:13

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

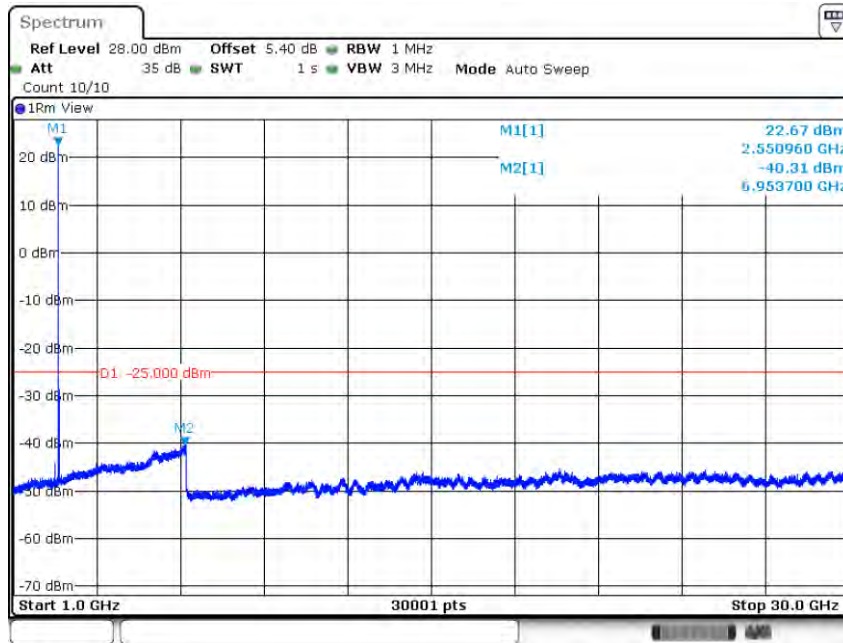


Date: 9.MAY.2021 09:43:07



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



Date: 9 MAY 2021 09:43:23



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7. Field Strength of Spurious Radiation

7.1. Test Band = _7_TM1 ANT3

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1258.7823	20.49	-49.88	-25.00	24.88	Horizontal
2	1797.0996	20.80	-49.31	-25.00	24.31	Horizontal
3	4731.8366	50.71	-59.98	-25.00	34.98	Horizontal
4	7503.2252	49.81	-52.27	-25.00	27.27	Horizontal
5	12770.738	44.62	-48.48	-25.00	23.48	Horizontal
6	17986.499	48.40	-45.20	-25.00	20.20	Horizontal



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7.2. Test Band = _7_TM1 ANT3

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1259.0324	20.55	-49.81	-25.00	24.81	Vertical
2	2000.1250	20.85	-47.93	-25.00	22.93	Vertical
3	4931.3466	50.20	-59.73	-25.00	34.73	Vertical
4	7503.2252	51.71	-50.37	-25.00	25.37	Vertical
5	12309.465	45.59	-48.51	-25.00	23.51	Vertical
6	17988.749	47.82	-45.82	-25.00	20.82	Vertical



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7.3. Test Band = _7_TM1 ANT3

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1174.7718	20.58	-49.82	-25.00	24.82	Horizontal
2	1681.3352	20.49	-49.47	-25.00	24.47	Horizontal
3	4332.0666	51.34	-61.41	-25.00	36.41	Horizontal
4	6754.6877	48.35	-55.59	-25.00	30.59	Horizontal
5	10018.850	46.57	-51.55	-25.00	26.55	Horizontal
6	17912.995	46.67	-46.28	-25.00	21.28	Horizontal



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7.4. Test Band = _7_TM1 ANT3

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1261.2827	20.31	-50.05	-25.00	25.05	Vertical
2	2022.1278	20.84	-47.84	-25.00	22.84	Vertical
3	4227.0614	51.07	-61.63	-25.00	36.63	Vertical
4	7488.2244	48.31	-53.82	-25.00	28.82	Vertical
5	12403.220	45.86	-48.29	-25.00	23.29	Vertical
6	17912.245	47.46	-45.50	-25.00	20.50	Vertical



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7.5. Test Band = _7_TM1 ANT3

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1260.5326	20.54	-49.80	-25.00	24.80	Horizontal
2	1765.5957	20.45	-49.54	-25.00	24.54	Horizontal
3	4524.8262	51.10	-60.72	-25.00	35.72	Horizontal
4	7653.2327	49.01	-53.49	-25.00	28.49	Horizontal
5	12432.471	45.74	-48.16	-25.00	23.16	Horizontal
6	17988.749	48.13	-45.51	-25.00	20.51	Horizontal



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7.6. Test Band = _7_TM1 ANT3

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1150.2688	20.40	-49.79	-25.00	24.79	Vertical
2	1697.5872	20.61	-49.33	-25.00	24.33	Vertical
3	4527.8264	50.91	-60.91	-25.00	35.91	Vertical
4	7653.2327	53.89	-48.61	-25.00	23.61	Vertical
5	10627.881	46.45	-50.40	-25.00	25.40	Vertical
6	17992.499	47.58	-46.14	-25.00	21.14	Vertical



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7.7. Test Band = _7_TM1 ANT4

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1451.8065	20.55	-49.69	-13.00	36.69	Horizontal
2	3972.0486	51.11	-62.63	-13.00	49.63	Horizontal
3	7500.9750	49.00	-53.05	-13.00	40.05	Horizontal
4	11221.1611	47.24	-48.49	-13.00	35.49	Horizontal
5	15033.601	45.33	-46.49	-13.00	33.49	Horizontal
6	17990.249	48.04	-45.64	-13.00	32.64	Horizontal



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7.8. Test Band = _7_TM1 ANT4

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1261.2827	20.61	-49.75	-13.00	36.75	Vertical
2	2951.4939	20.72	-43.98	-13.00	30.98	Vertical
3	5491.6246	50.30	-57.72	-13.00	44.72	Vertical
4	9404.5702	47.33	-51.17	-13.00	38.17	Vertical
5	13373.768	45.56	-47.06	-13.00	34.06	Vertical
6	17817.740	47.93	-46.27	-13.00	33.27	Vertical



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7.9. Test Band = _7_TM1 ANT4

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1259.0324	20.45	-49.91	-13.00	36.91	Horizontal
2	2223.9030	20.54	-47.20	-13.00	34.20	Horizontal
3	4211.3106	50.77	-61.96	-13.00	48.96	Horizontal
4	9031.0516	47.68	-51.37	-13.00	38.37	Horizontal
5	13358.767	45.96	-46.79	-13.00	33.79	Horizontal
6	16390.419	47.18	-46.76	-13.00	33.76	Horizontal



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7.10. Test Band = _7_TM1 ANT4

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1526.8159	20.86	-49.07	-13.00	36.07	Vertical
2	4435.5718	50.99	-61.07	-13.00	48.07	Vertical
3	7883.4942	48.11	-53.88	-13.00	40.88	Vertical
4	11788.9394	46.85	-48.29	-13.00	35.29	Vertical
5	16904.195	45.88	-47.81	-13.00	34.81	Vertical
6	17910.745	47.54	-45.42	-13.00	32.42	Vertical



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7.11. Test Band = _7_TM1 ANT4

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1370.7964	20.57	-49.61	-13.00	36.61	Horizontal
2	2171.1464	20.80	-47.25	-13.00	34.25	Horizontal
3	4121.3061	50.85	-62.43	-13.00	49.43	Horizontal
4	8371.0186	48.49	-52.67	-13.00	39.67	Horizontal
5	11888.6944	45.75	-48.60	-13.00	35.60	Horizontal
6	17908.495	47.42	-45.55	-13.00	32.55	Horizontal



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7.12. Test Band = _7_TM1 ANT4

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1243.2804	20.86	-49.65	-13.00	36.65	Vertical
2	2129.6412	20.83	-47.47	-13.00	34.47	Vertical
3	5166.1083	50.19	-59.12	-13.00	46.12	Vertical
4	10114.1057	46.70	-50.98	-13.00	37.98	Vertical
5	15815.890	45.72	-48.31	-13.00	35.31	Vertical
6	17992.499	48.03	-45.69	-13.00	32.69	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 (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	11.00	0.004382	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	17.50	0.006972	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	5.40	0.002151	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	2.20	0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	2.30	0.000907	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	5.70	0.002249	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	7.90	0.003086	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	5.50	0.002148	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	14.30	0.005586	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	12.10	0.004821	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	6.90	0.002749	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	8.80	0.003506	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	8.70	0.003432	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	5.00	0.001972	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	2.60	0.001026	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	8.20	0.003203	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	12.00	0.004688	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	14.60	0.005703	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	14.20	0.005657	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	14.90	0.005936	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	10.60	0.004223	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	12.60	0.004970	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	6.80	0.002682	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	8.40	0.003314	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	8.10	0.003164	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	9.60	0.003750	±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 (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	10.70	0.004263	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	14.60	0.005817	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	14.40	0.005737	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	8.20	0.003267	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	17.90	0.007131	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	10.10	0.004024	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	13.70	0.005458	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	17.30	0.006892	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	14.50	0.005777	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-0.40	-0.000158	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	1.70	0.000671	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	4.50	0.001775	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	7.20	0.002840	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	9.90	0.003905	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	5.20	0.002051	±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	3.80	0.001499	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	8.00	0.003156	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	13.40	0.005234	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	9.50	0.003711	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	9.90	0.003867	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	5.20	0.002031	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	6.10	0.002383	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	8.60	0.003359	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	12.50	0.004883	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	7.70	0.003008	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	9.00	0.003516	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	11.10	0.004422	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	11.50	0.004582	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	11.60	0.004622	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	8.50	0.003386	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	9.40	0.003745	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	10.00	0.003984	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	15.10	0.006016	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	7.80	0.003108	±2.5	PASS



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Band7	20MHz	64QAM	20850	100RB#0	NV	50	5.50	0.002191	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	9.00	0.003550	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	3.30	0.001302	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	2.20	0.000868	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	7.30	0.002880	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	4.60	0.001815	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	3.50	0.001381	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	9.80	0.003866	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	9.10	0.003590	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	7.90	0.003116	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	9.40	0.003672	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	15.30	0.005977	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	13.20	0.005156	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	12.20	0.004766	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	14.90	0.005820	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	7.20	0.002813	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	16.70	0.006523	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	9.80	0.003828	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	5.10	0.001992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	12.60	0.005020	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	15.10	0.006016	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	9.30	0.003705	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	8.90	0.003546	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	8.40	0.003347	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	15.40	0.006135	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	7.80	0.003108	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	9.80	0.003904	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	11.80	0.004701	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	8.20	0.003235	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	1.10	0.000434	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	7.80	0.003077	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	6.80	0.002682	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	3.40	0.001341	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	11.60	0.004576	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	2.50	0.000986	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	5.70	0.002249	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	4.40	0.001736	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	6.80	0.002656	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	8.00	0.003125	±2.5	PASS



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Band7	20MHz	16QAM	21350	100RB#0	NV	-10	4.30	0.001680	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	7.30	0.002852	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	9.00	0.003516	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	8.10	0.003164	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	7.70	0.003008	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	7.20	0.002813	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	9.60	0.003750	±2.5	PASS



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