

Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

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



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



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



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



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



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



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



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ANT3:

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



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



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



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



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



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Band7	15MHz	64QAM	21375	38RB#37	18.01	17.01	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	17.80	16.80	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	18.84	17.84	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	18.96	17.96	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	19.01	18.01	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	18.53	17.53	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	18.67	17.67	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	18.61	17.61	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.59	17.59	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	18.88	17.88	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	18.84	17.84	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	18.17	17.17	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	18.26	17.26	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	18.35	17.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	18.38	17.38	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.38	17.38	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	18.69	17.69	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	18.23	17.23	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	18.92	17.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	18.26	17.26	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	18.24	17.24	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	18.39	17.39	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.17	17.17	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	18.52	17.52	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	18.54	17.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	18.37	17.37	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.54	17.54	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.64	17.64	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.57	17.57	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.65	17.65	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	18.27	17.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	18.23	17.23	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	18.28	17.28	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.22	17.22	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	18.39	17.39	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.41	17.41	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.31	17.31	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	18.13	17.13	33.00	PASS



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

Remark:

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

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

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



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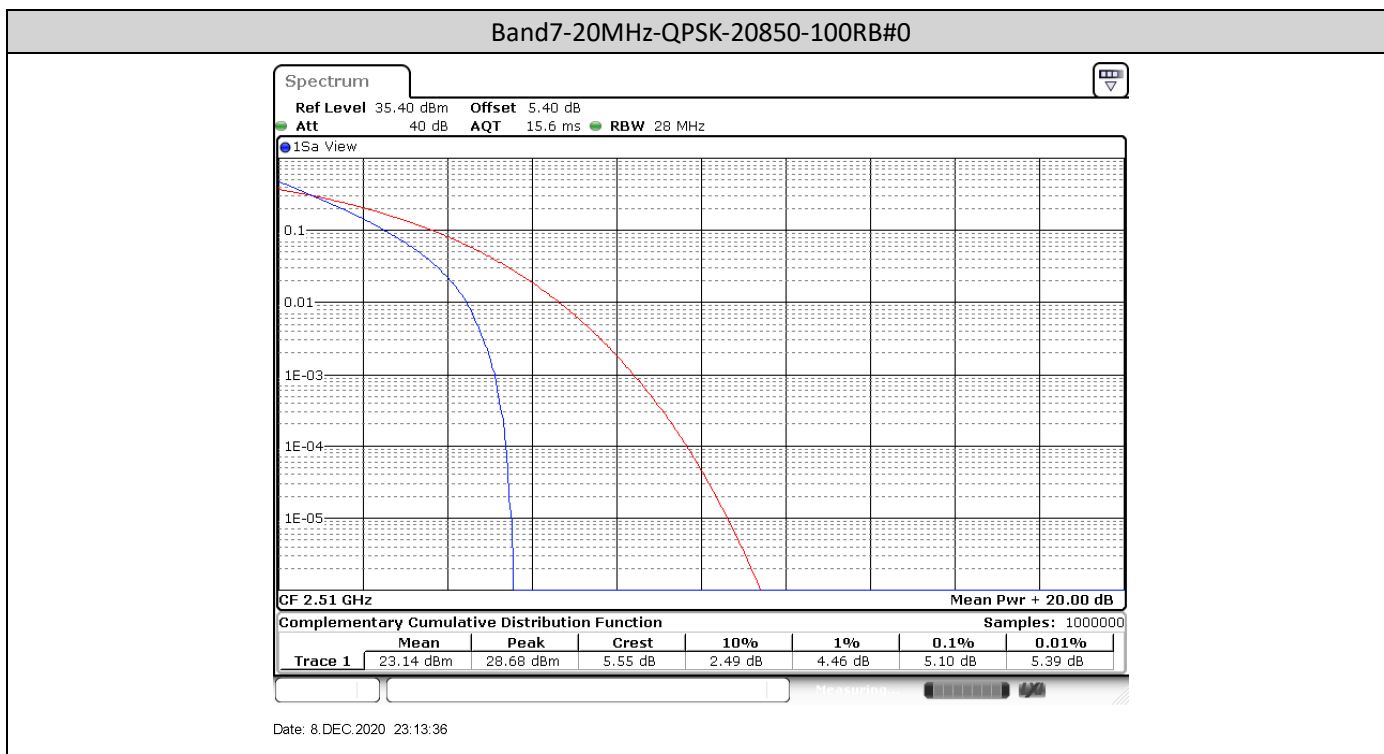


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

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

2.2. Test Plots

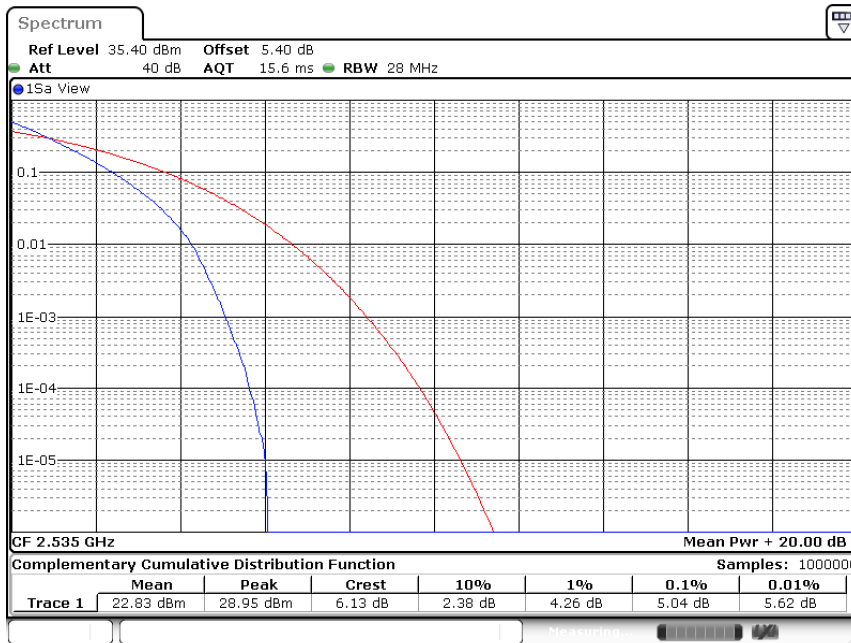


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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

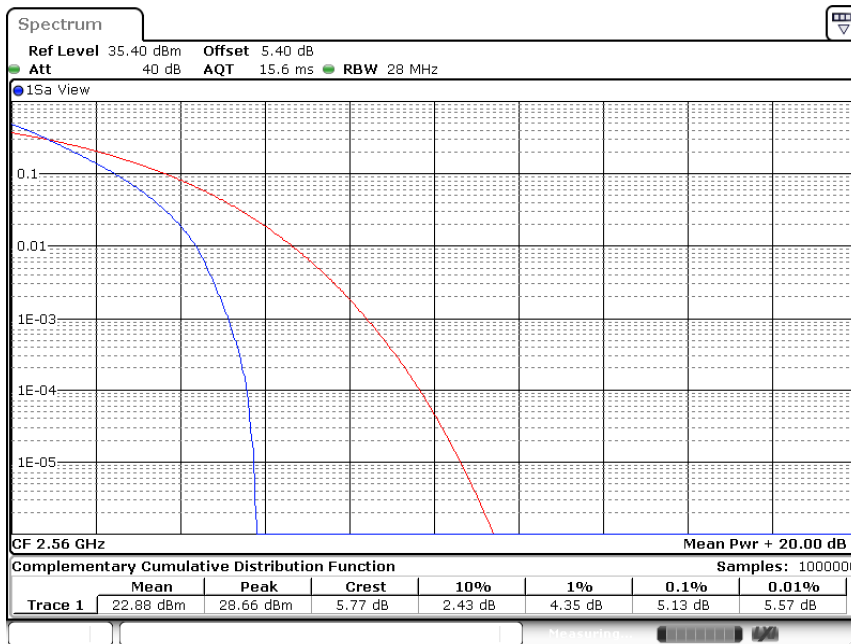
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 8.DEC.2020 23:13:59

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

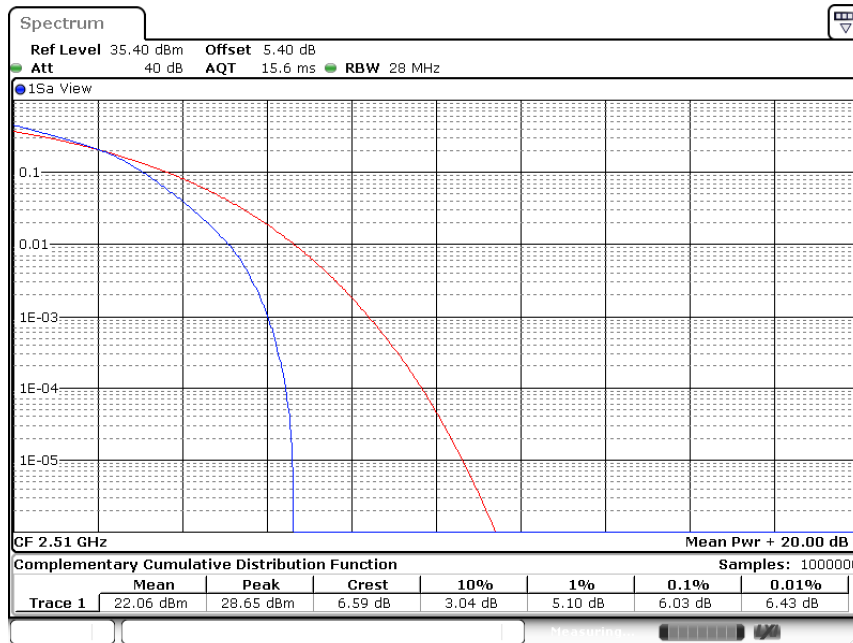


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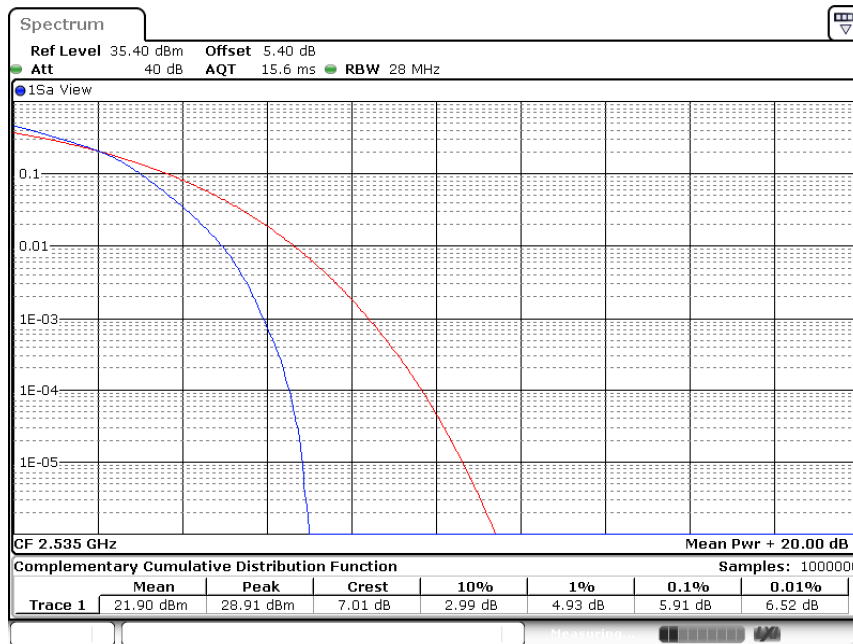
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Band7-20MHz-64QAM-20850-100RB#0



Date: 9.DEC.2020 00:46:10

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

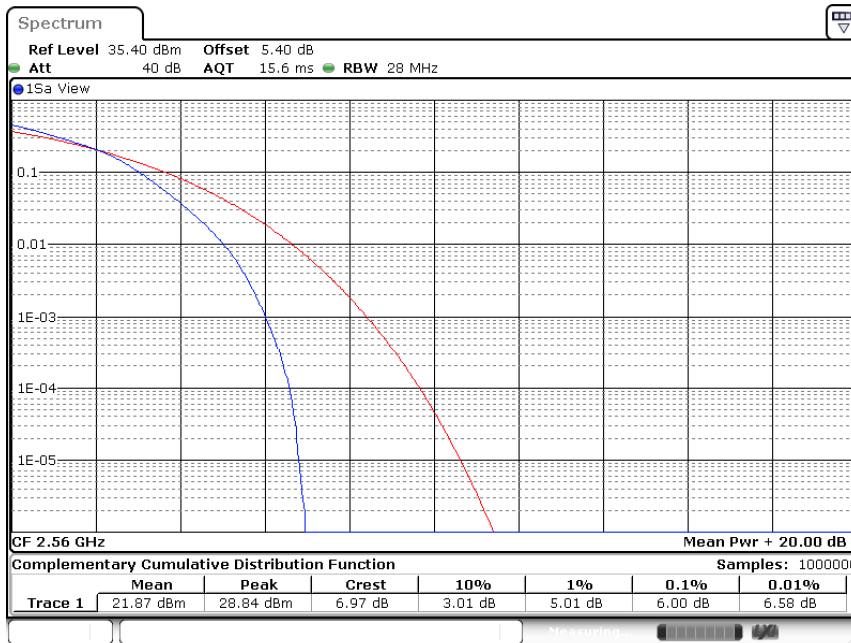


Date: 9.DEC.2020 00:46:21



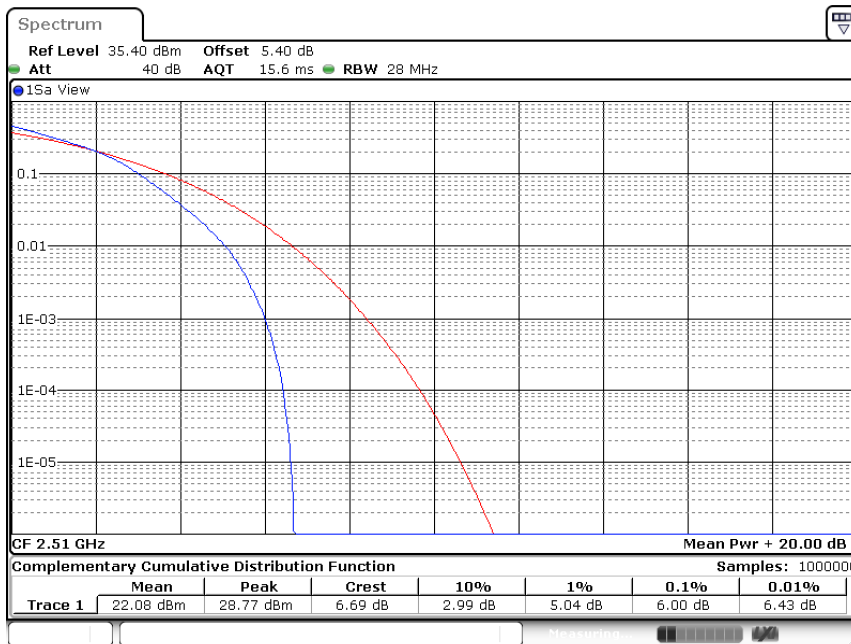
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Band7-20MHz-64QAM-21350-100RB#0



Date: 9.DEC.2020 00:46:32

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

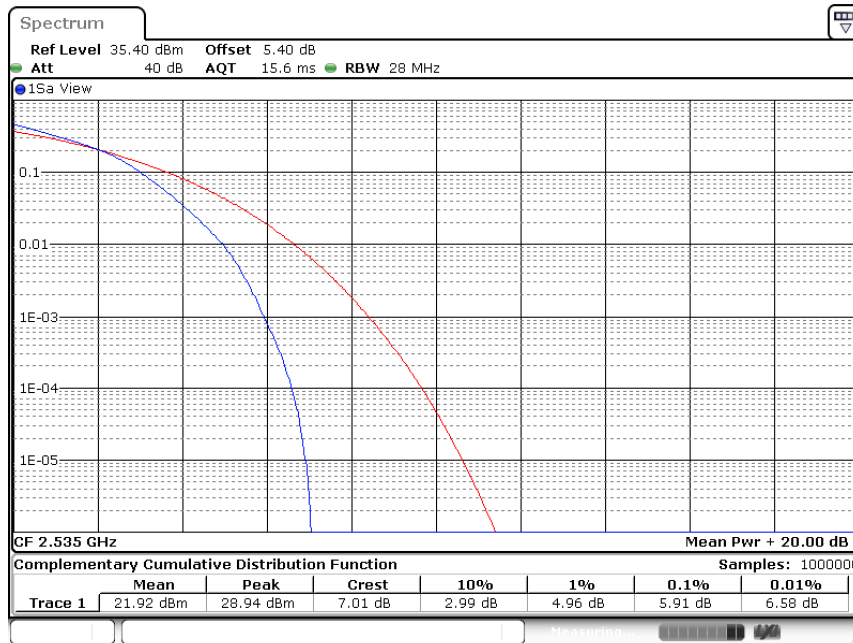


Date: 8.DEC.2020 23:13:48



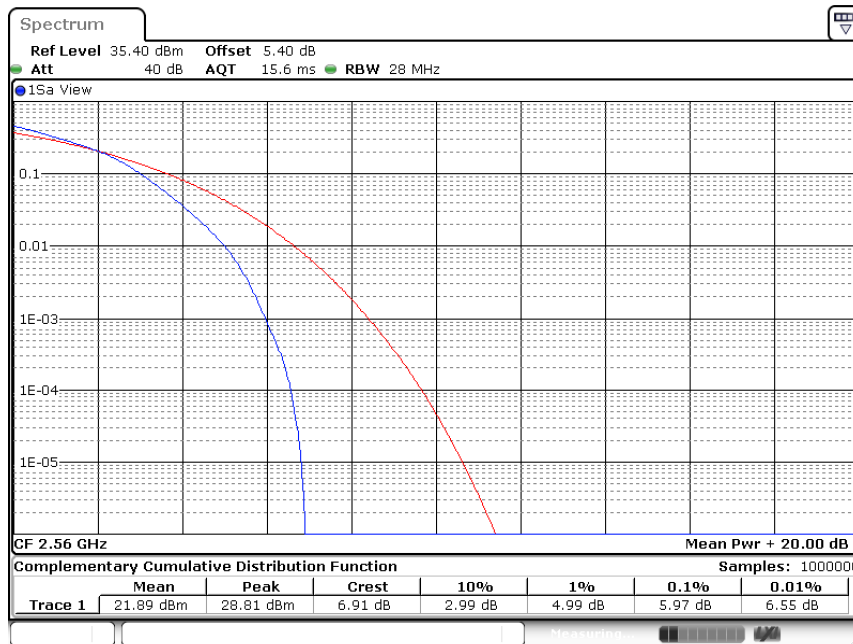
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Band7-20MHz-16QAM-21100-100RB#0



Date: 8.DEC.2020 23:14:11

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



Date: 8.DEC.2020 23:14:34



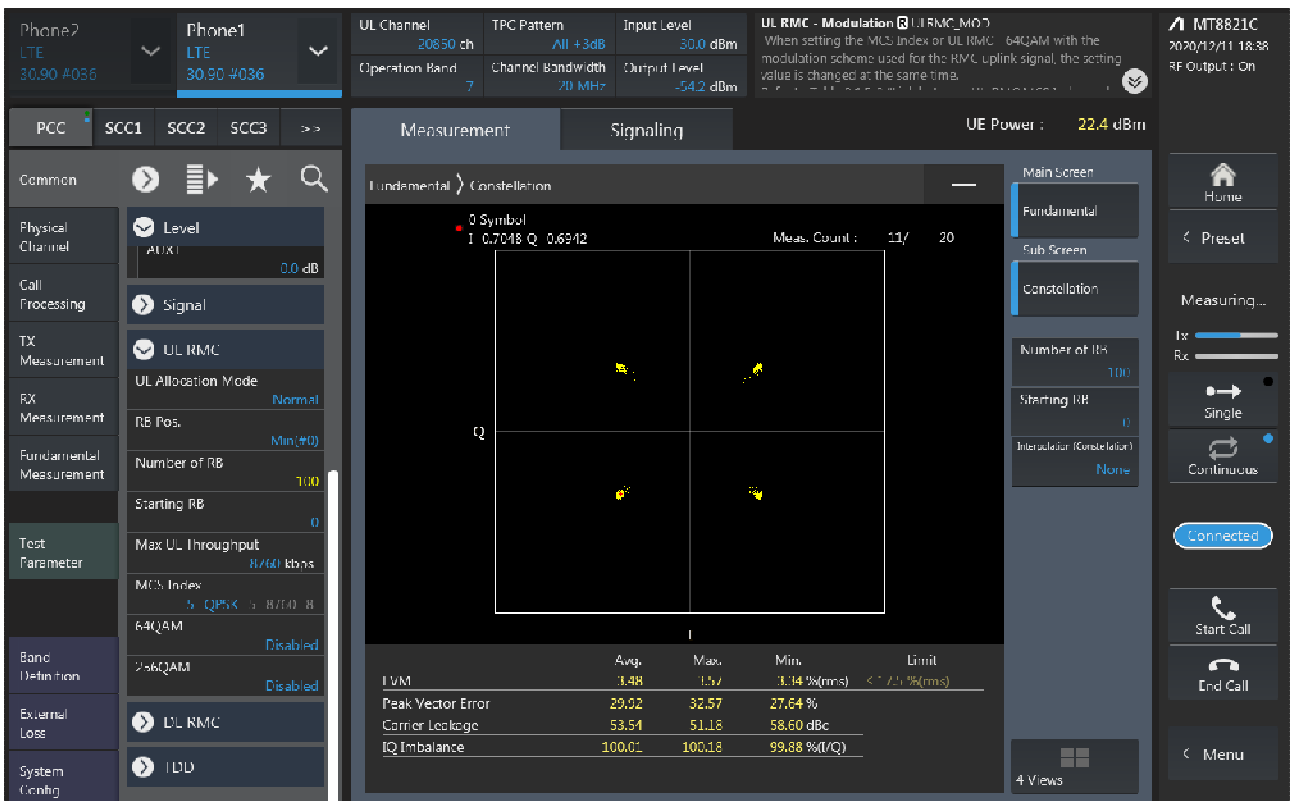
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

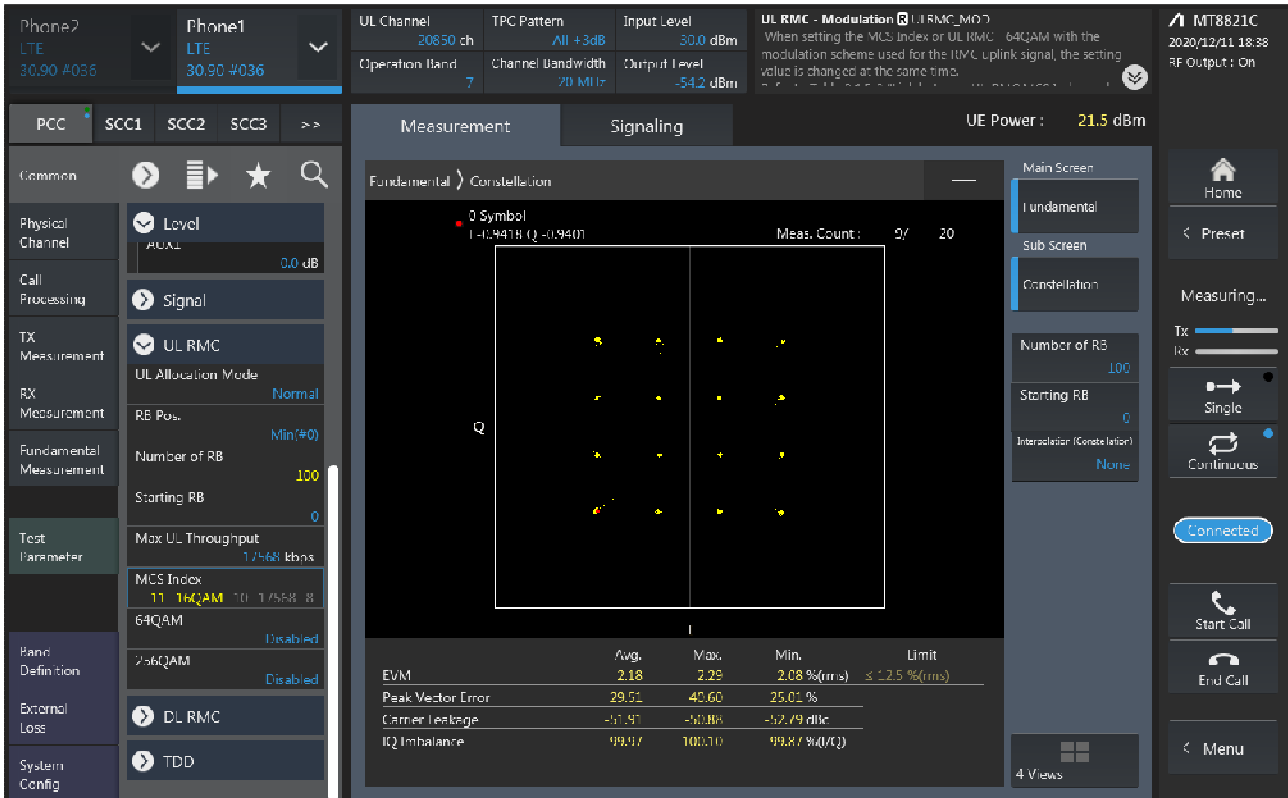
3.1.1.1. Test Channel = MCH



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3.1.2. Test Mode = LTE /TM2 20MHz

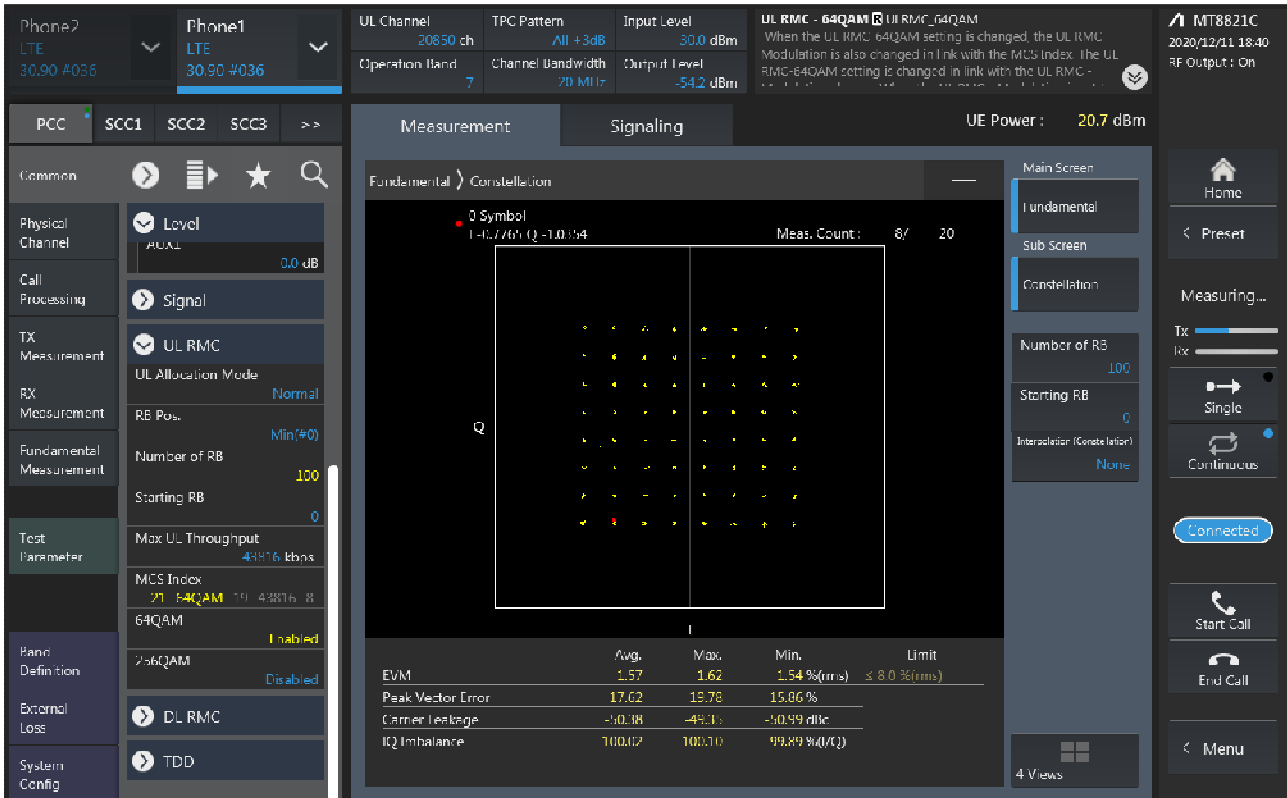
3.1.2.1. Test Channel = MCH



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3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

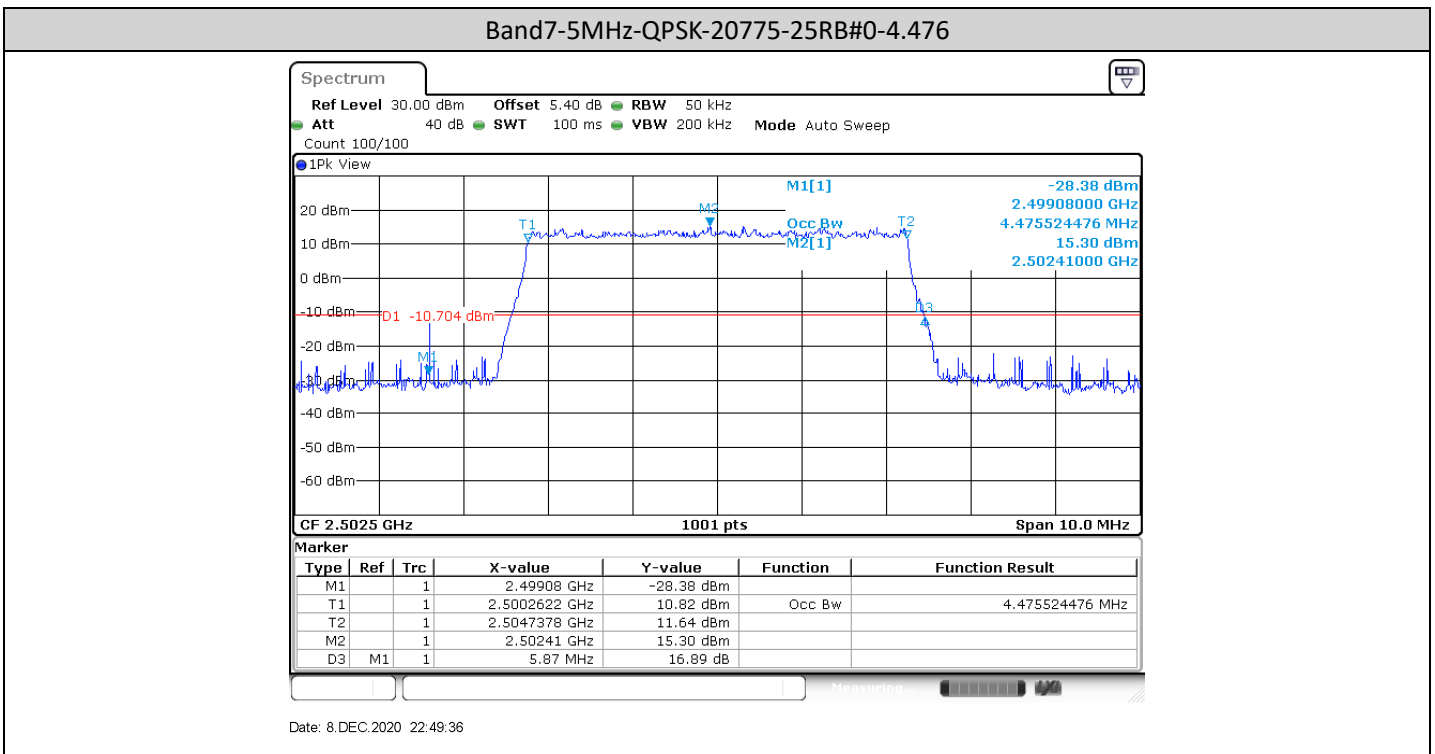
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	5.870	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.890	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	5.150	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.930	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.466	5.680	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.466	4.940	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.900	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	5.910	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.496	5.900	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	13.100	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	12.540	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.660	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.911	11.440	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.740	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.911	12.880	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.720	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.680	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.911	11.860	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.760	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	17.520	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.457	14.760	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	17.460	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.457	14.610	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.457	15.030	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	18.570	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	18.990	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.880	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	24.400	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.862	18.760	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	18.800	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.902	24.440	PASS



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

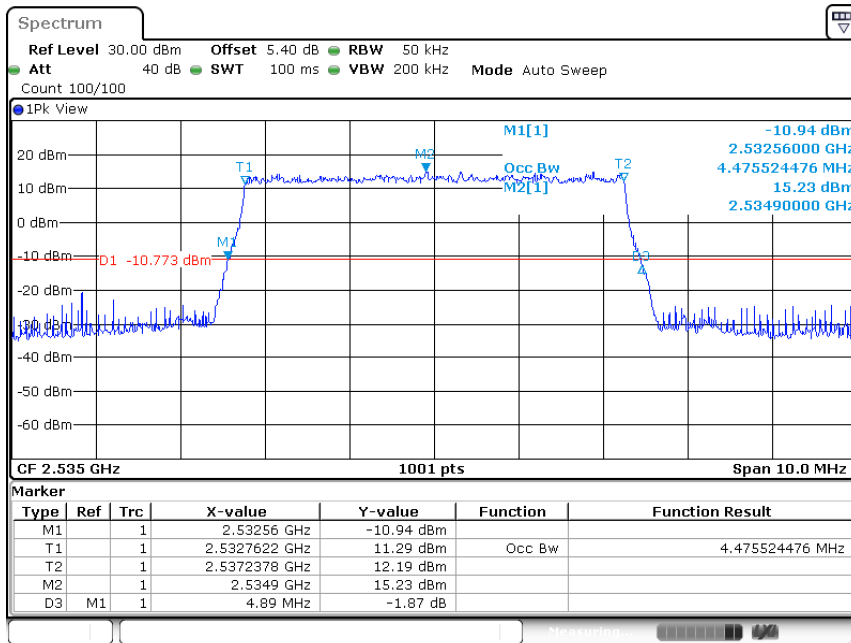
4.2. Test Plots



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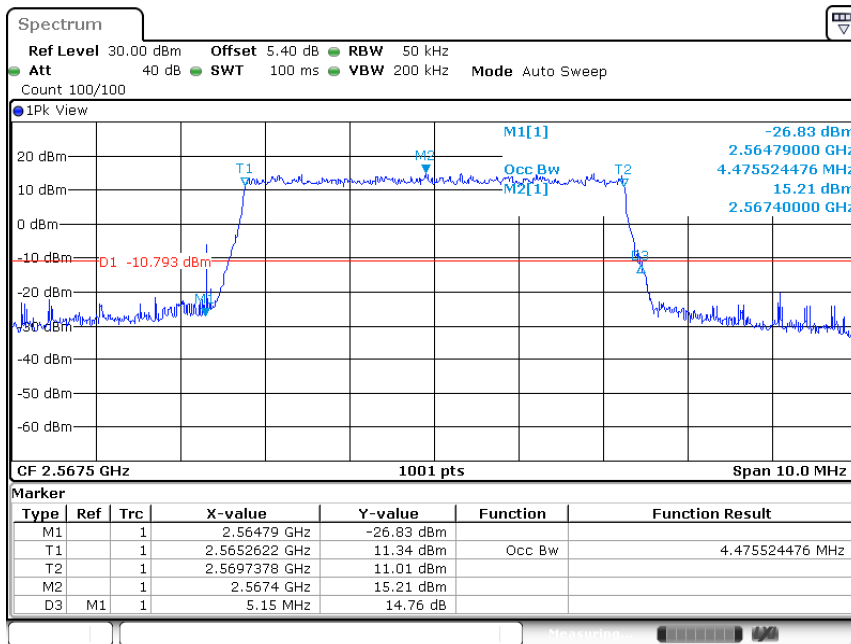
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Band7-5MHz-QPSK-21100-25RB#0-4.476



Date: 8.DEC.2020 22:50:16

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

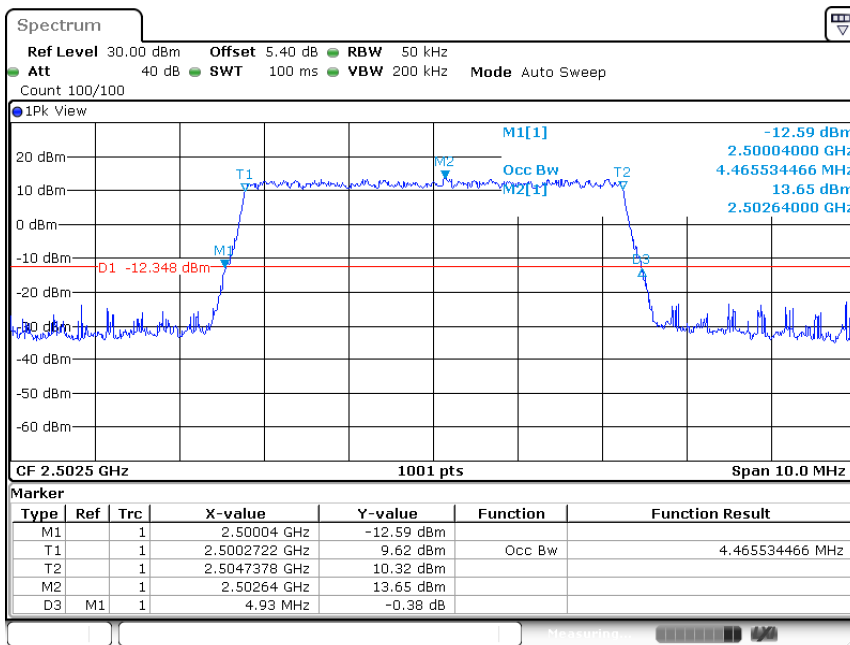


Date: 8.DEC.2020 22:50:56



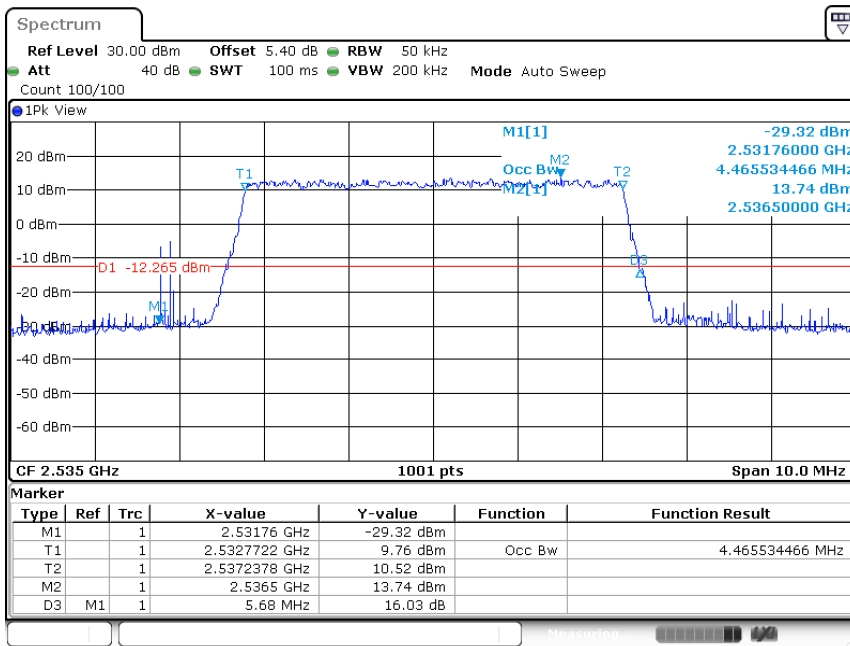
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Band7-5MHz-64QAM-20775-25RB#0-4.466



Date: 9.DEC.2020 00:33:27

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

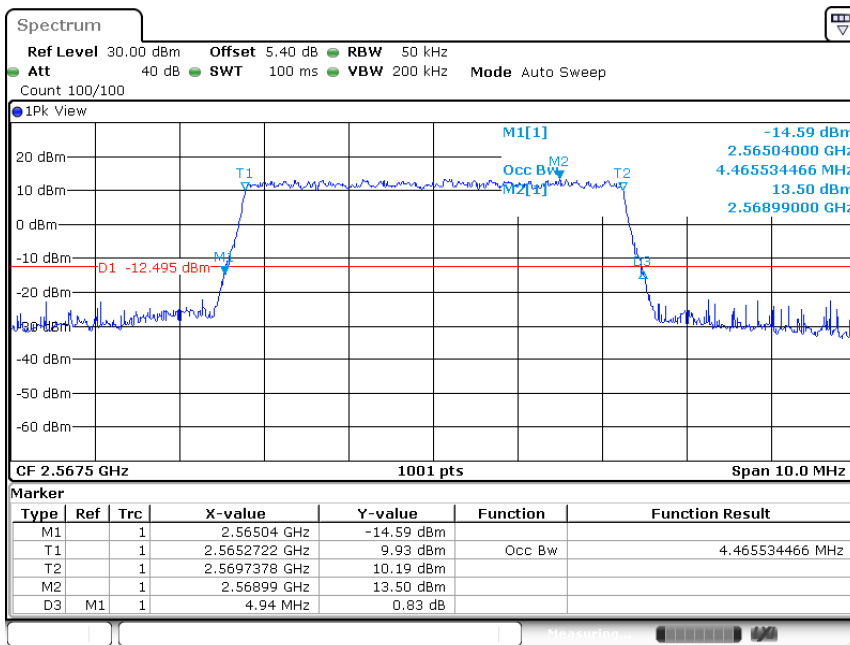


Date: 9.DEC.2020 00:33:47



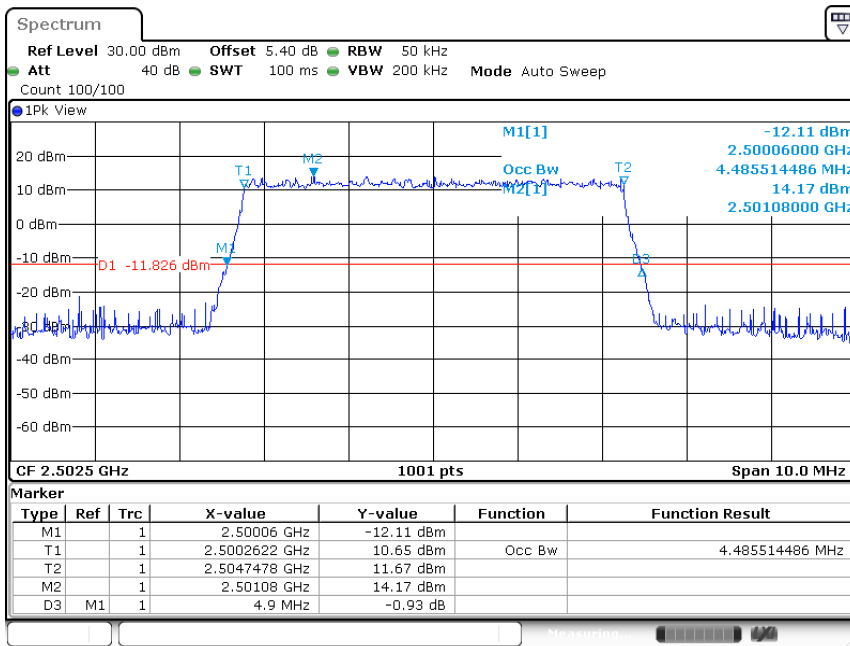
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Band7-5MHz-64QAM-21425-25RB#0-4.466



Date: 9.DEC.2020 00:34:07

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

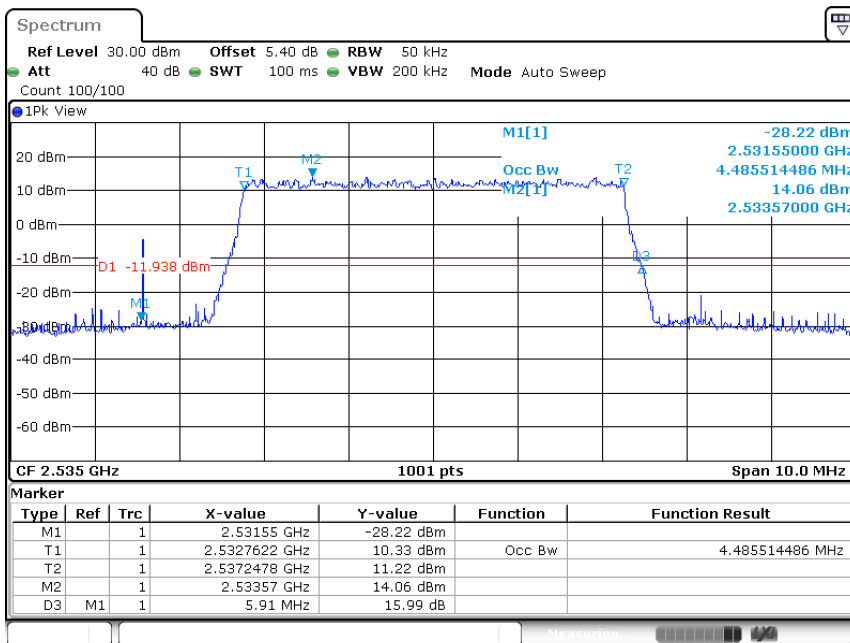


Date: 8.DEC.2020 22:49:56



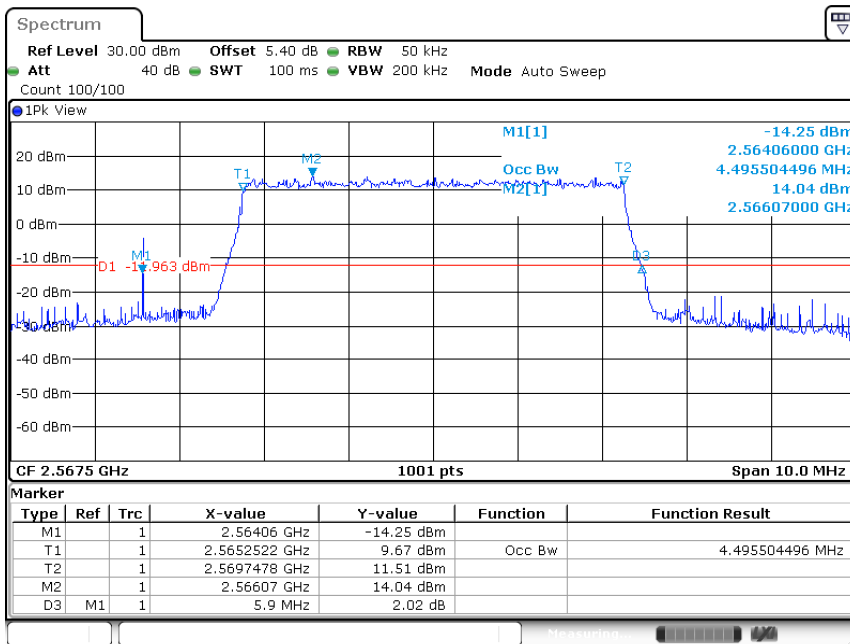
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Band7-5MHz-16QAM-21100-25RB#0-4.486



Date: 8.DEC.2020 22:50:36

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

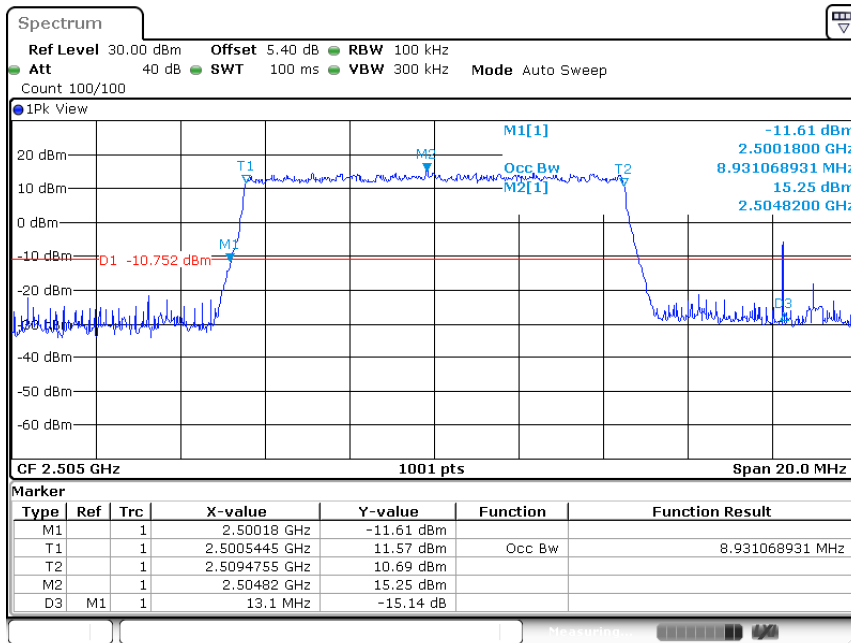


Date: 8.DEC.2020 22:51:16



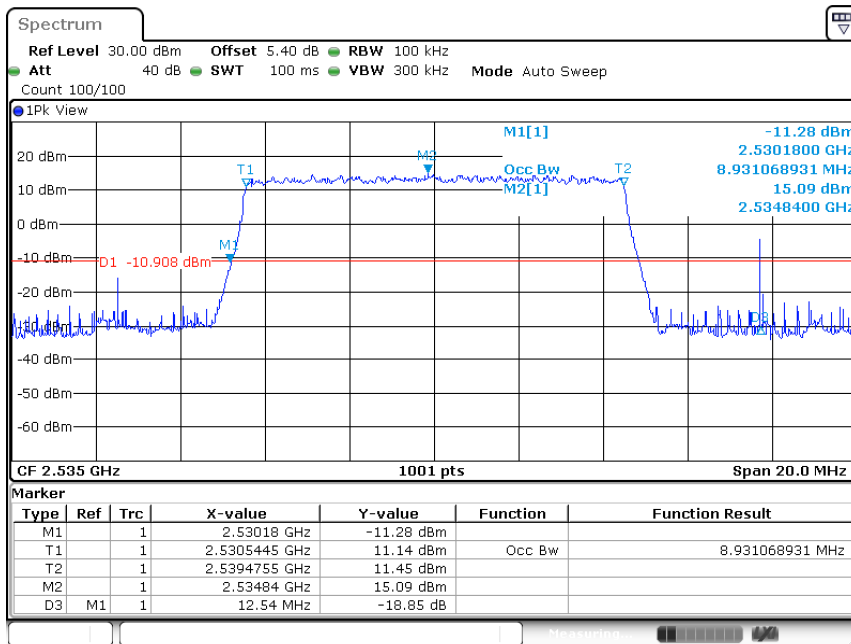
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Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 8.DEC.2020 22:51:41

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

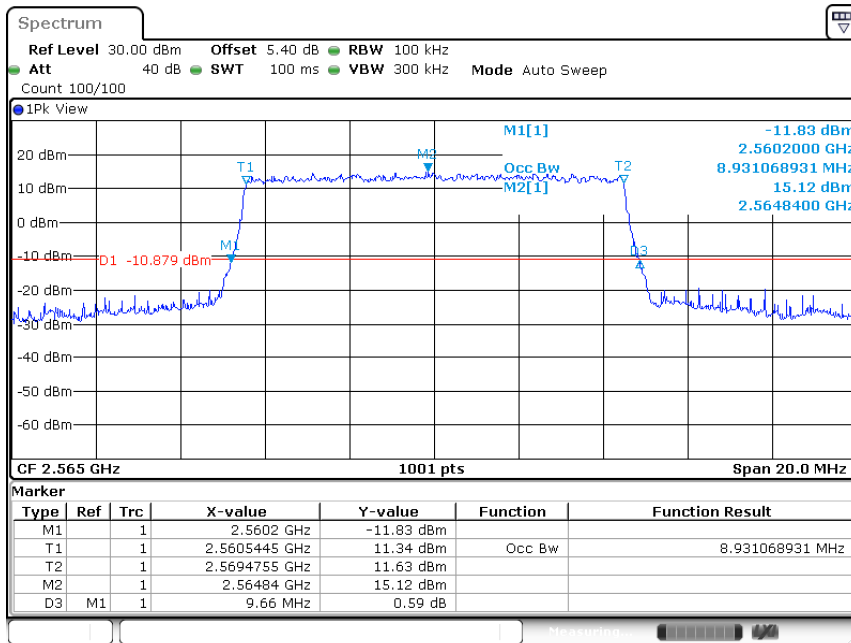


Date: 8.DEC.2020 22:52:21



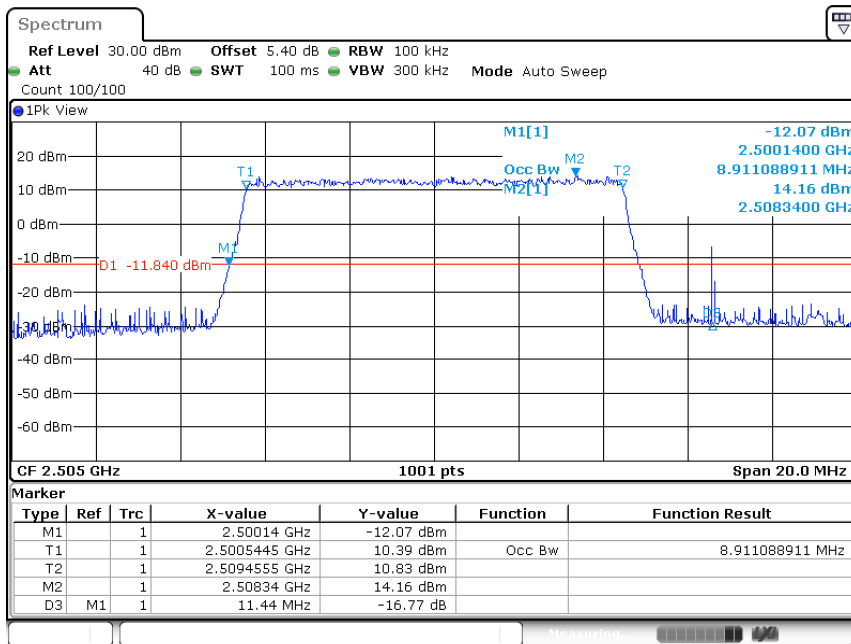
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Band7-10MHz-QPSK-21400-50RB#0-8.931



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

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

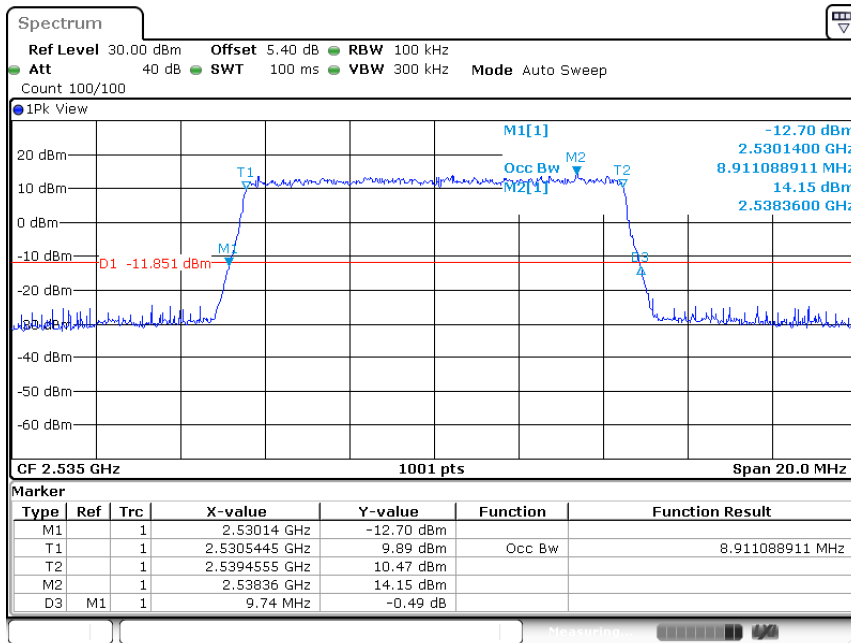


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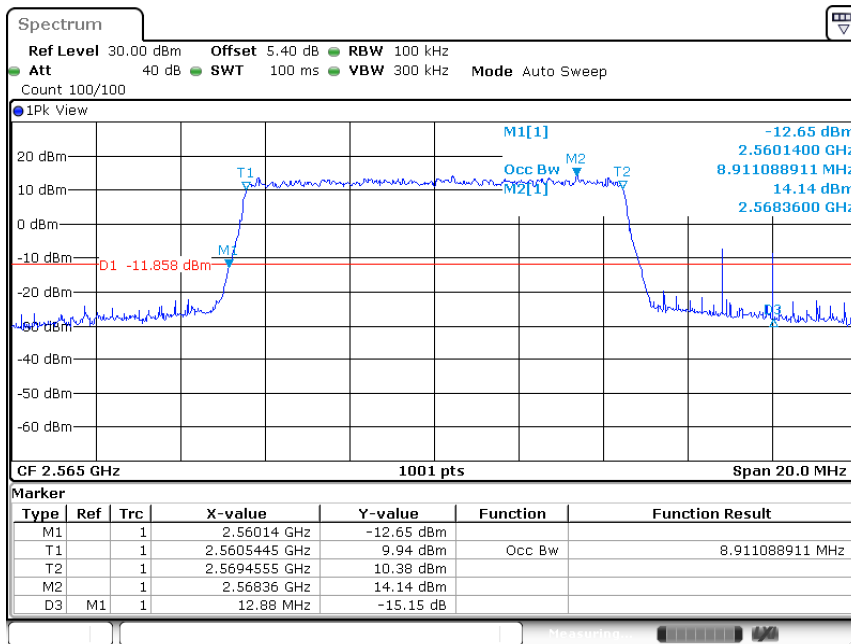
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Band7-10MHz-64QAM-21100-50RB#0-8.911



Date: 9.DEC.2020 00:34:52

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

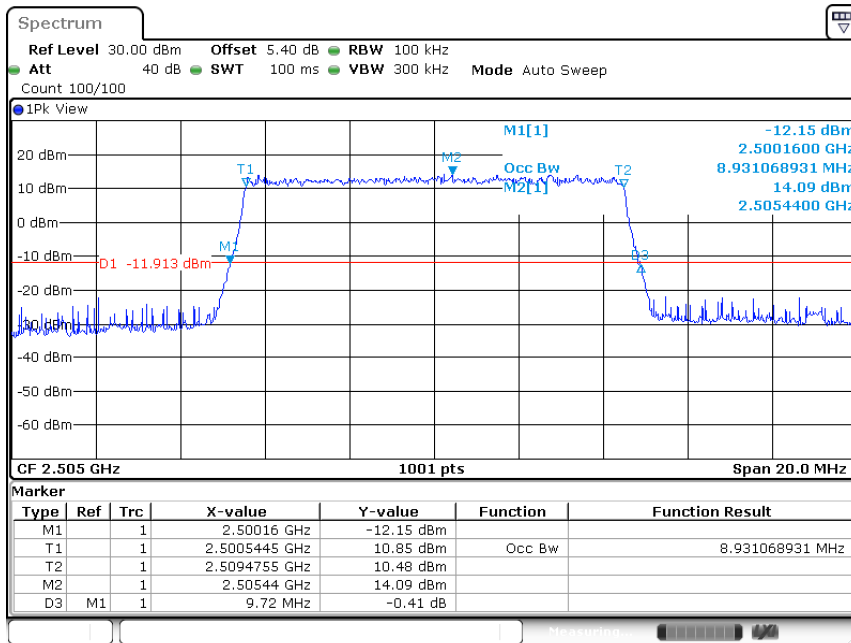


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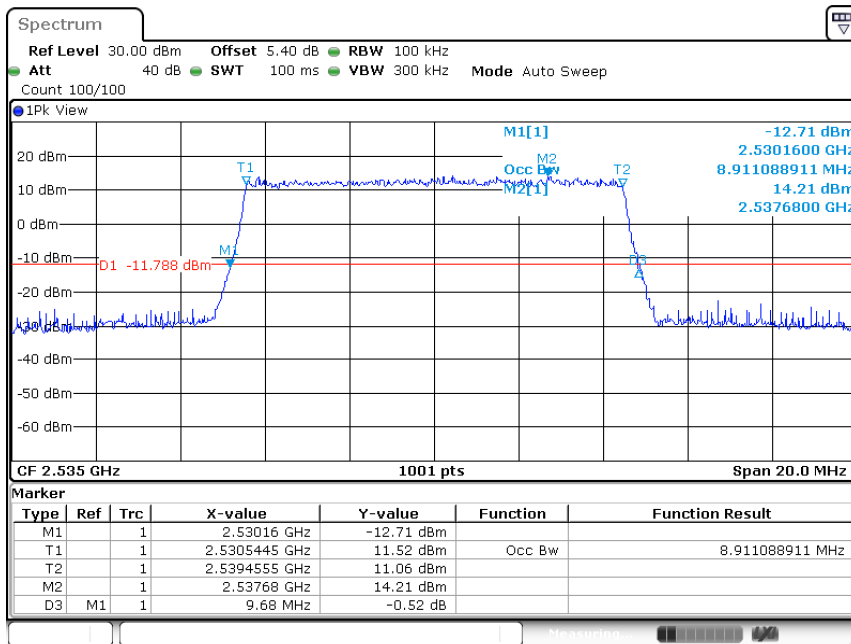
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Band7-10MHz-16QAM-20800-50RB#0-8.931



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

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

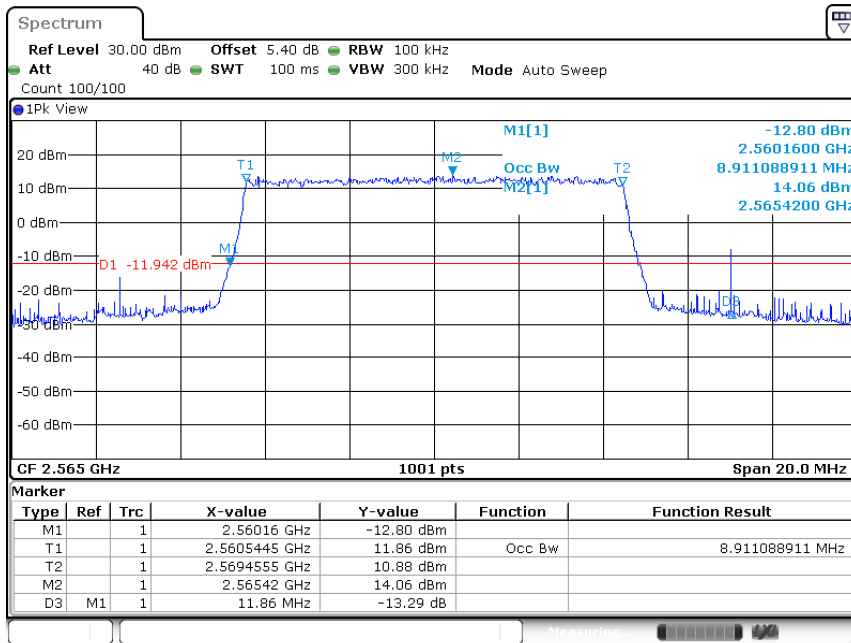


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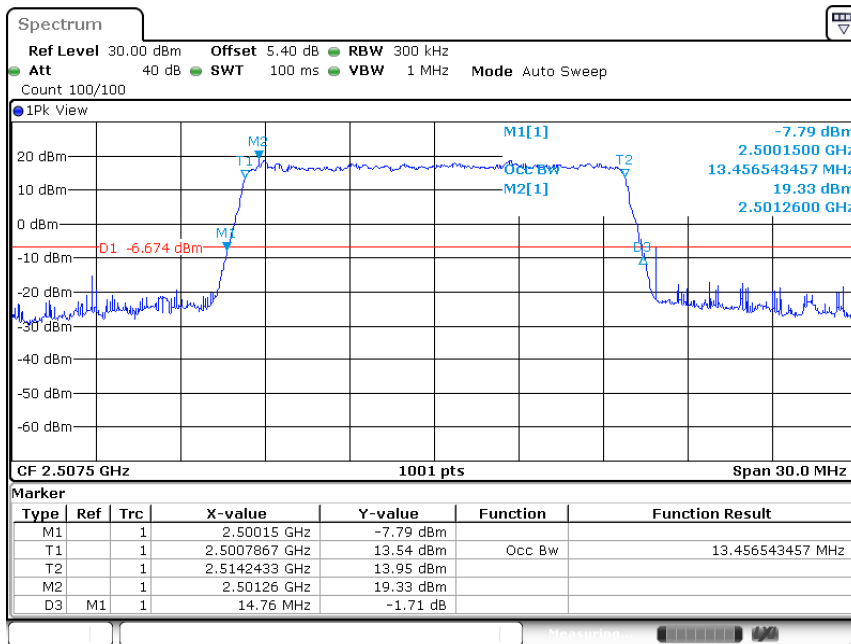
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Band7-10MHz-16QAM-21400-50RB#0-8.911



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

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

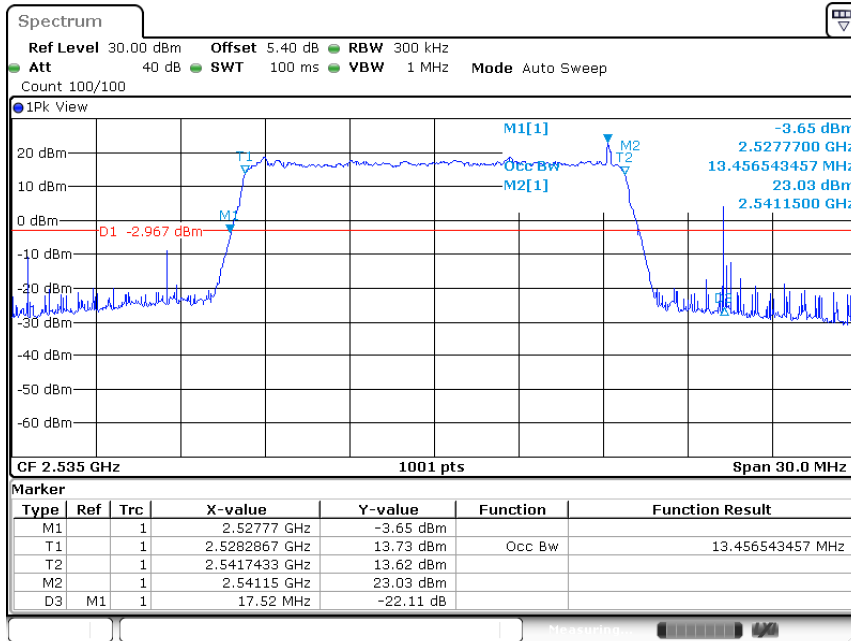


Date: 8.DEC.2020 22:53:45



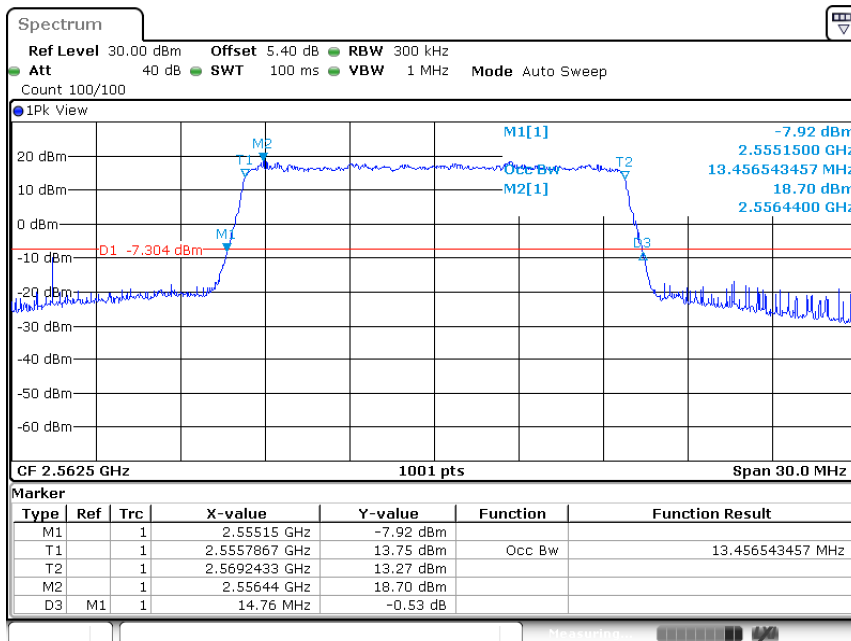
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Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 8.DEC.2020 22:54:25

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



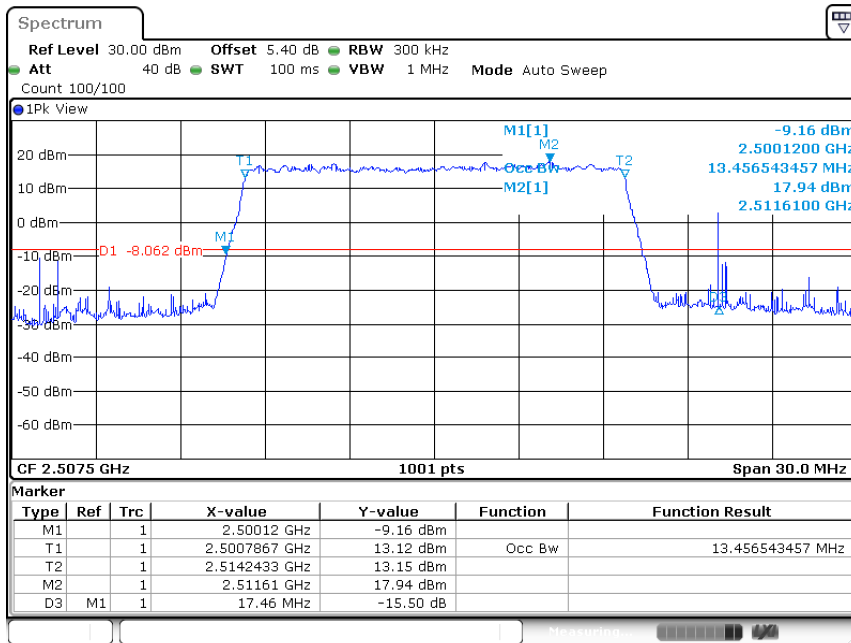
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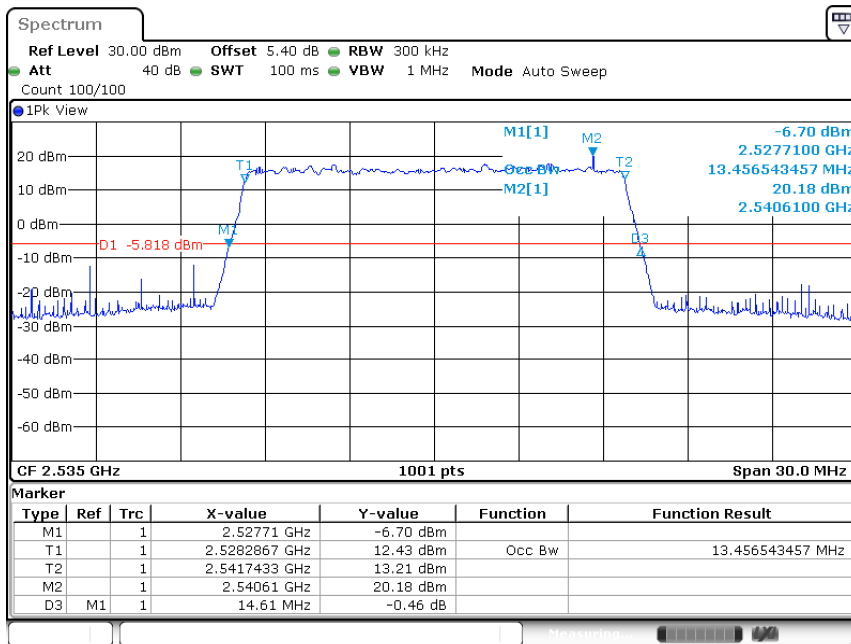
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Band7-15MHz-64QAM-20825-75RB#0-13.457



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

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



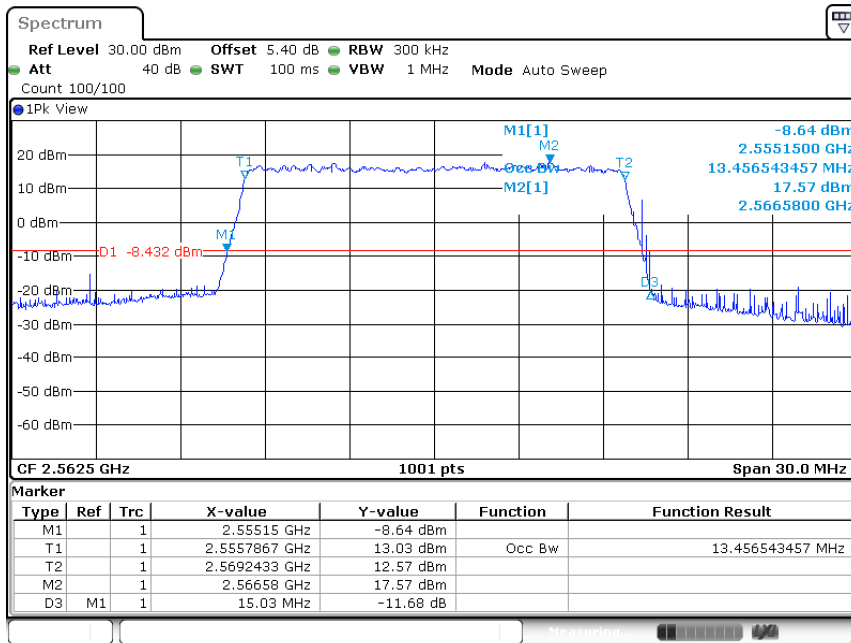
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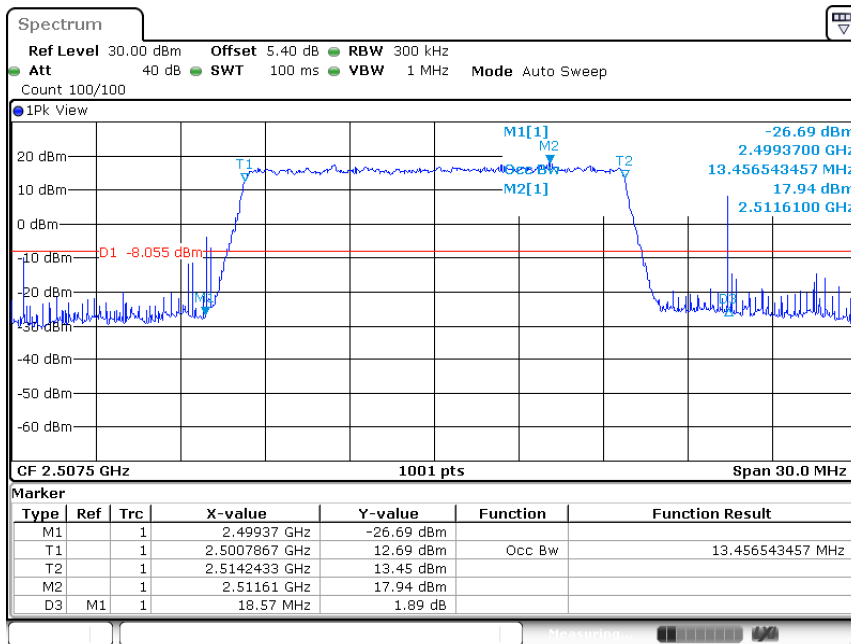
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Band7-15MHz-64QAM-21375-75RB#0-13.457



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

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



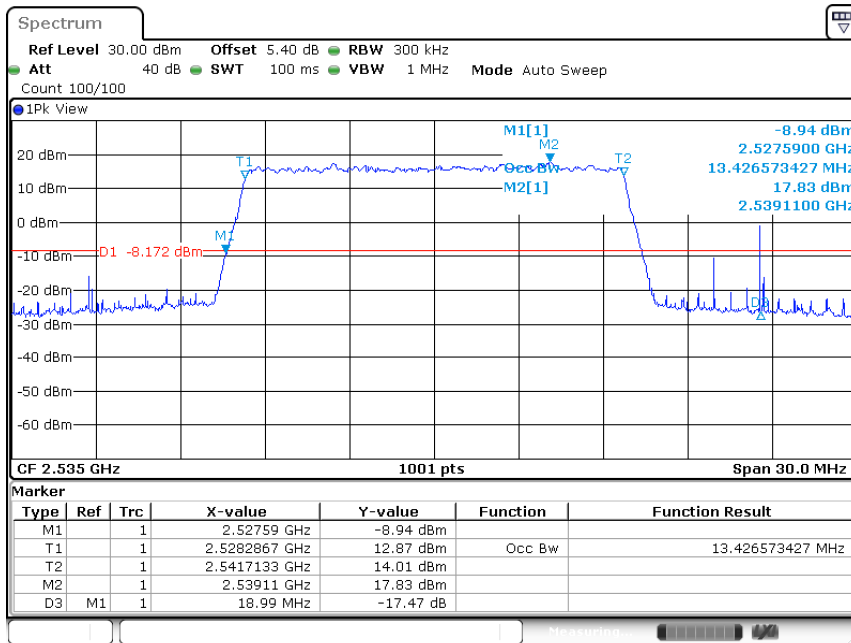
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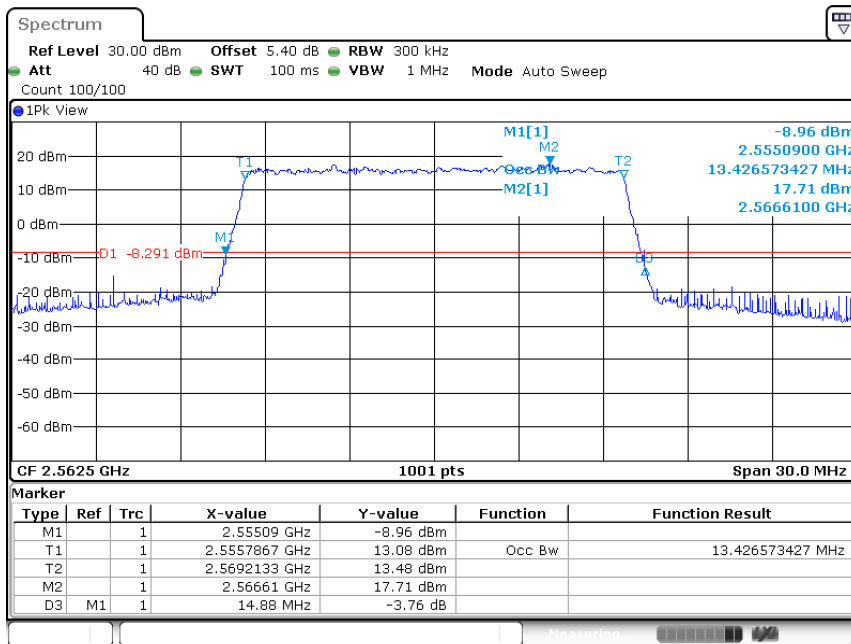
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Band7-15MHz-16QAM-21100-75RB#0-13.427



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

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



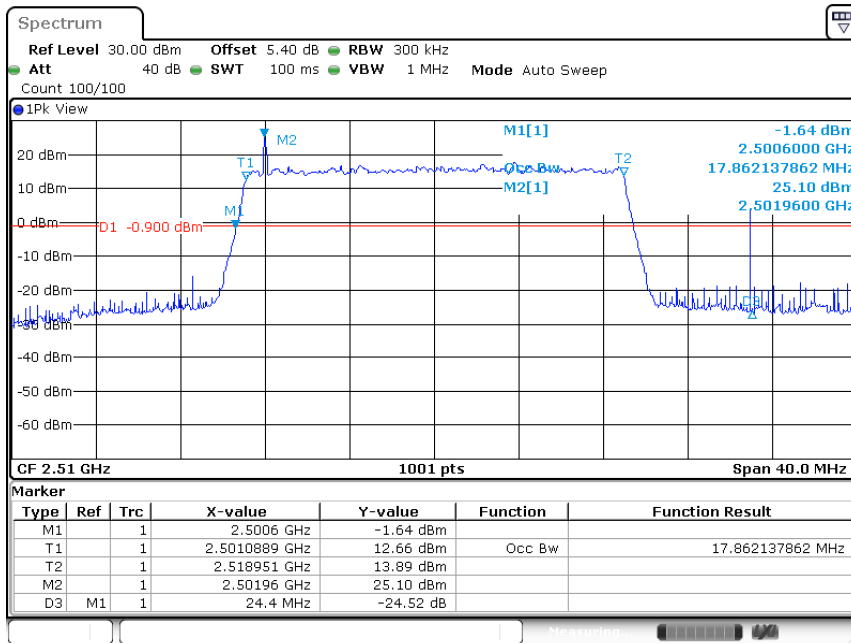
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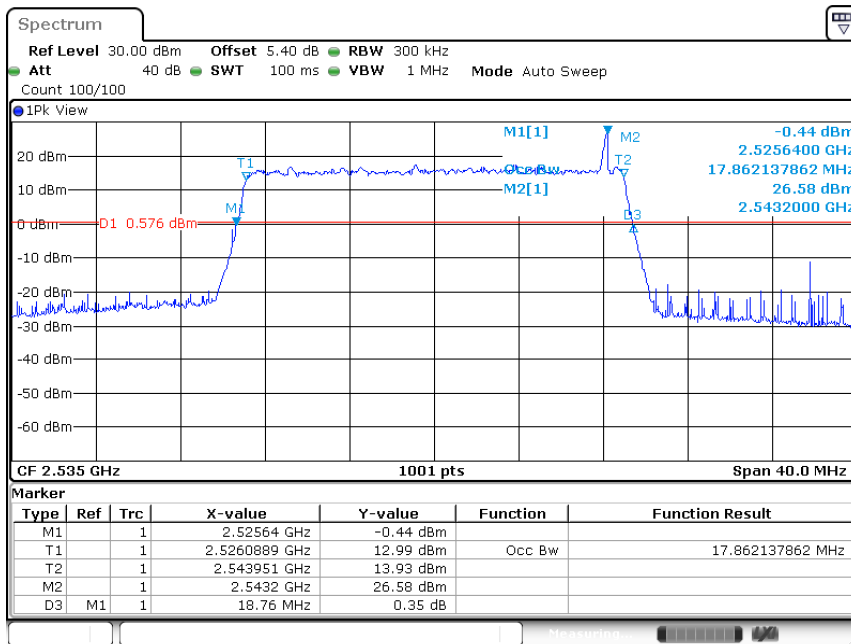
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Band7-20MHz-QPSK-20850-100RB#0-17.862



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

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

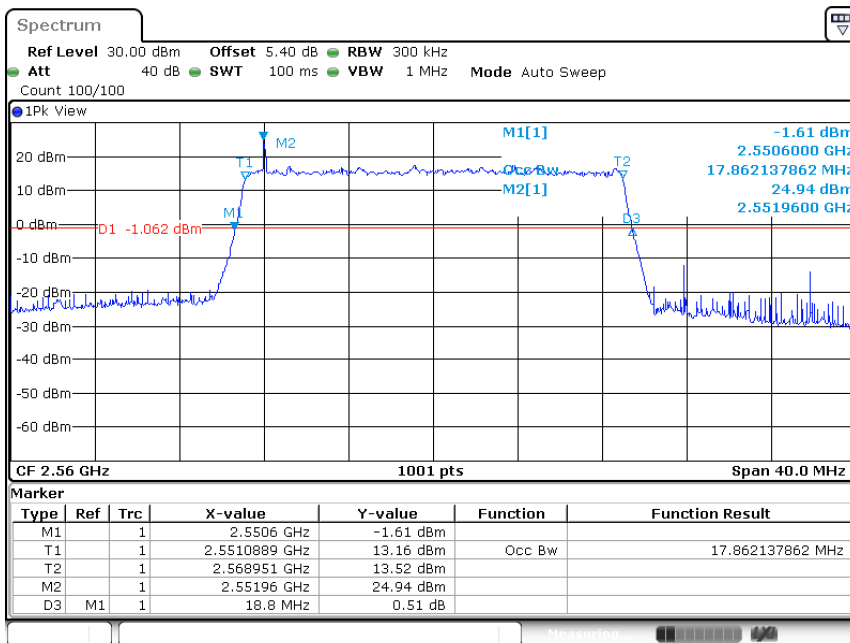


Date: 8.DEC.2020 22:56:29



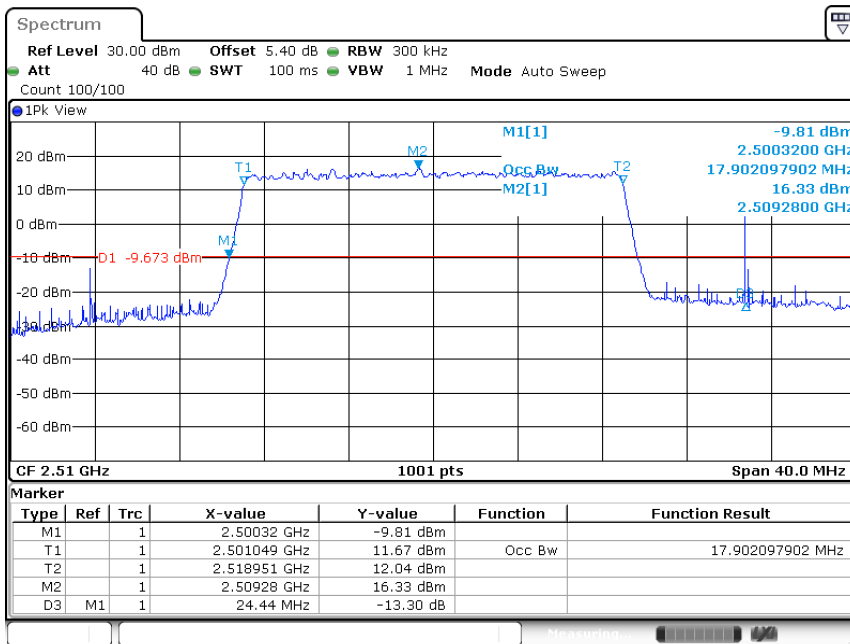
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Band7-20MHz-QPSK-21350-100RB#0-17.862



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

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

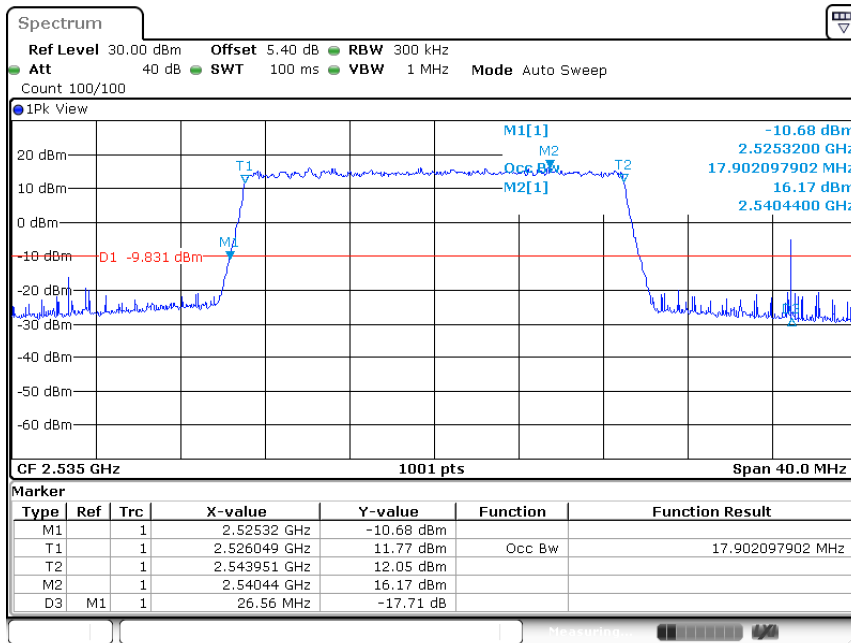


Date: 9.DEC.2020 00:36:42

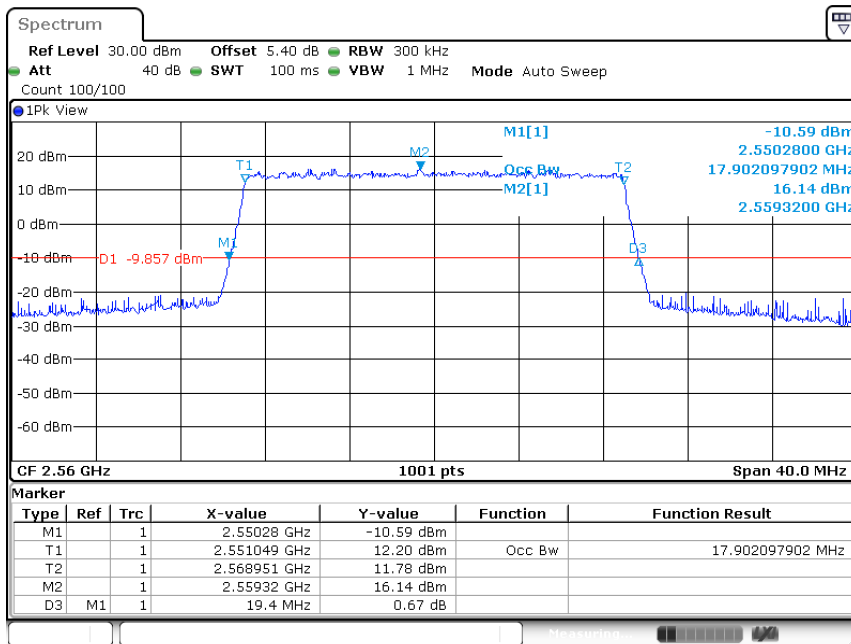


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Band7-20MHz-64QAM-21100-100RB#0-17.902



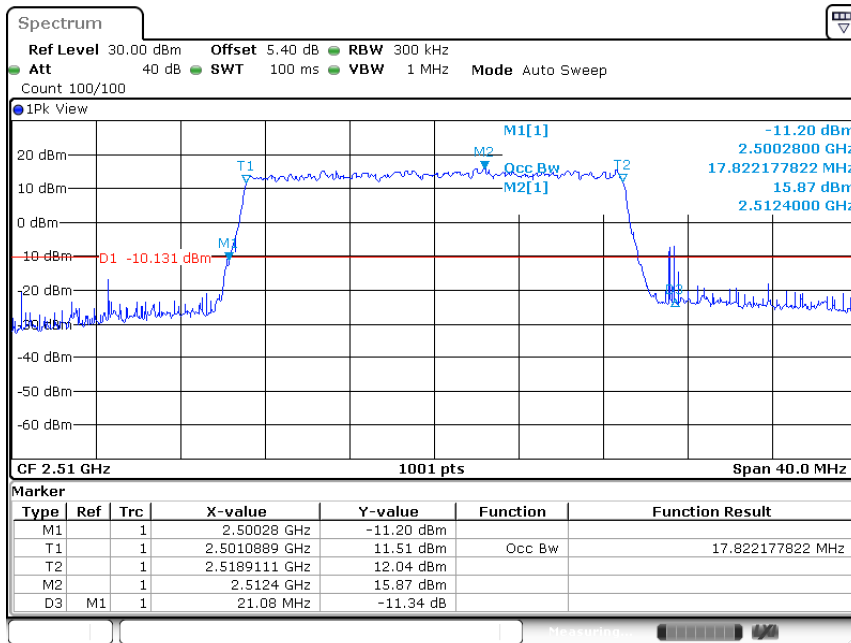
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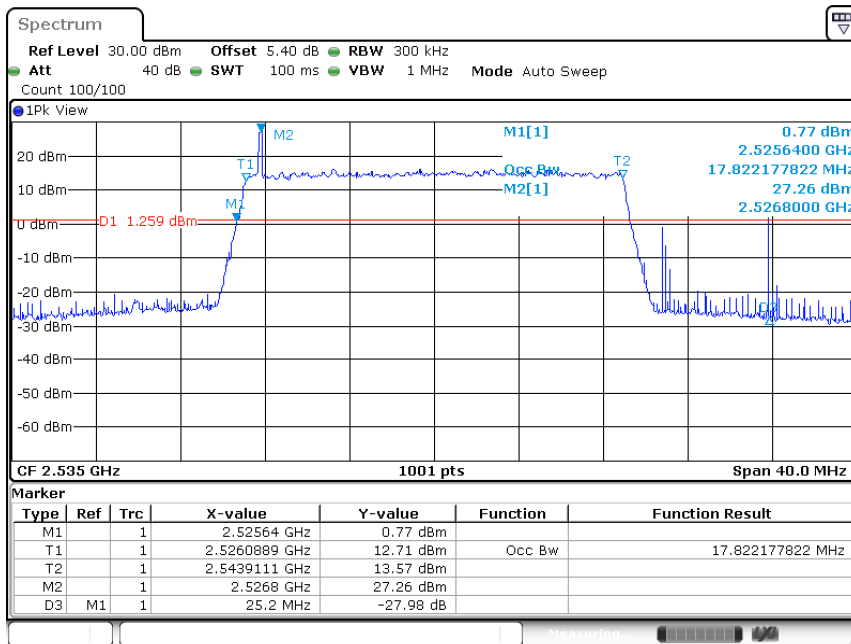
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Band7-20MHz-16QAM-20850-100RB#0-17.822



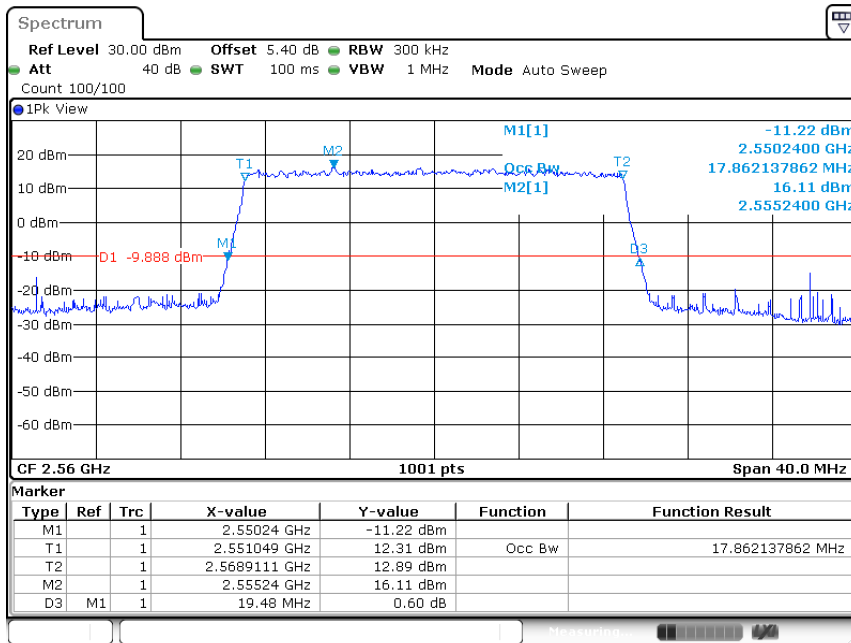
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Band7-20MHz-16QAM-21350-100RB#0-17.862



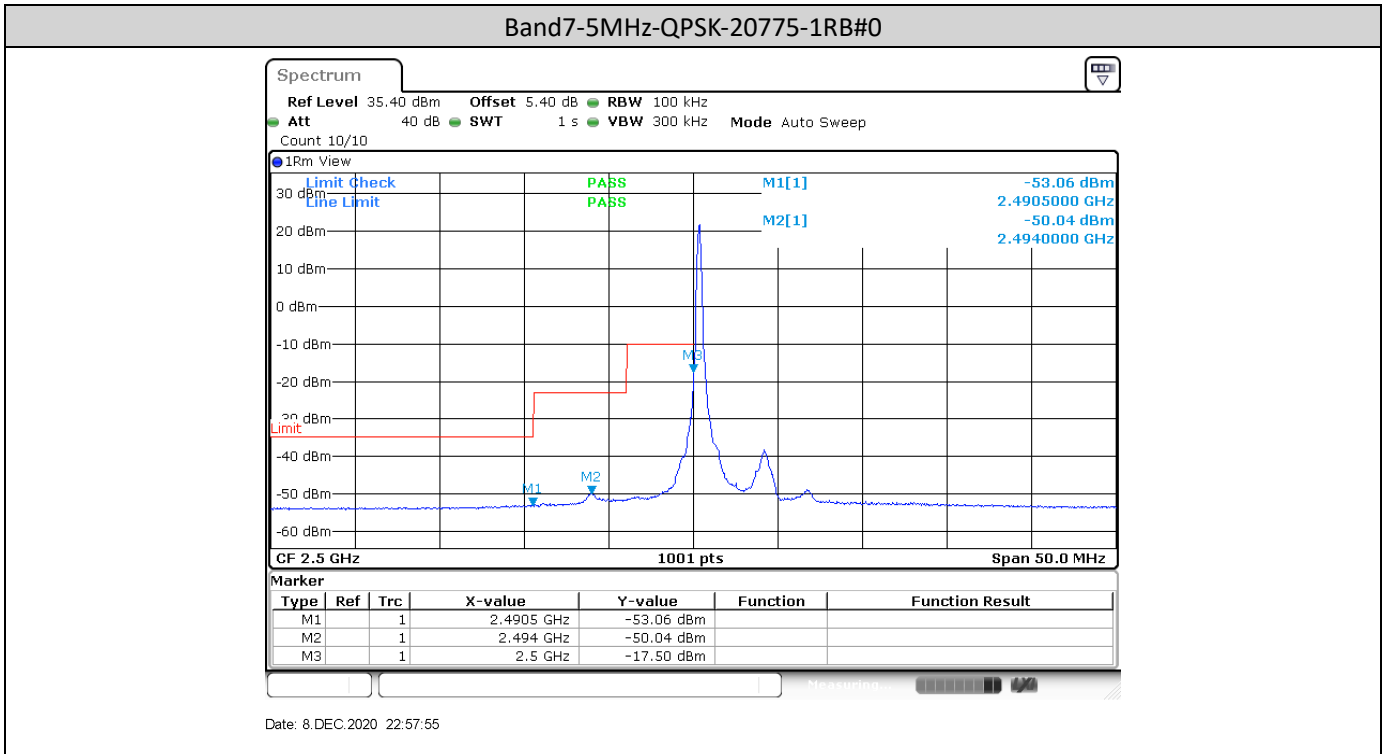
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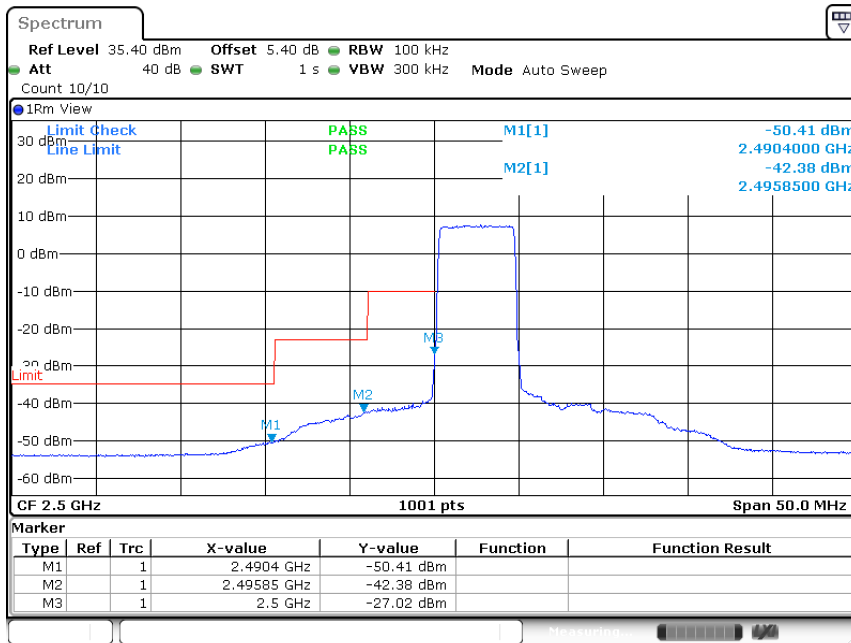
5. Band Edge Compliance

5.1. Test Plots



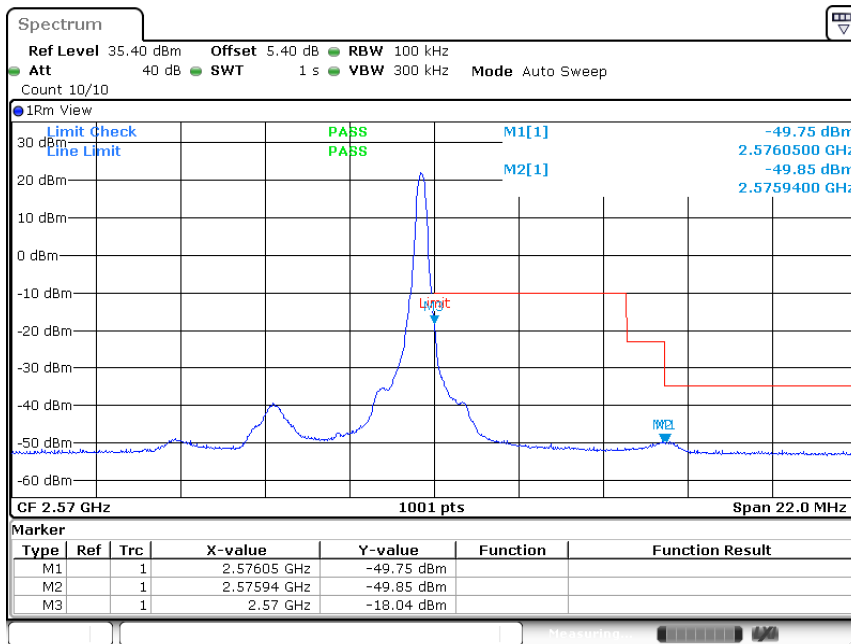
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Band7-5MHz-QPSK-20775-25RB#0



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

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

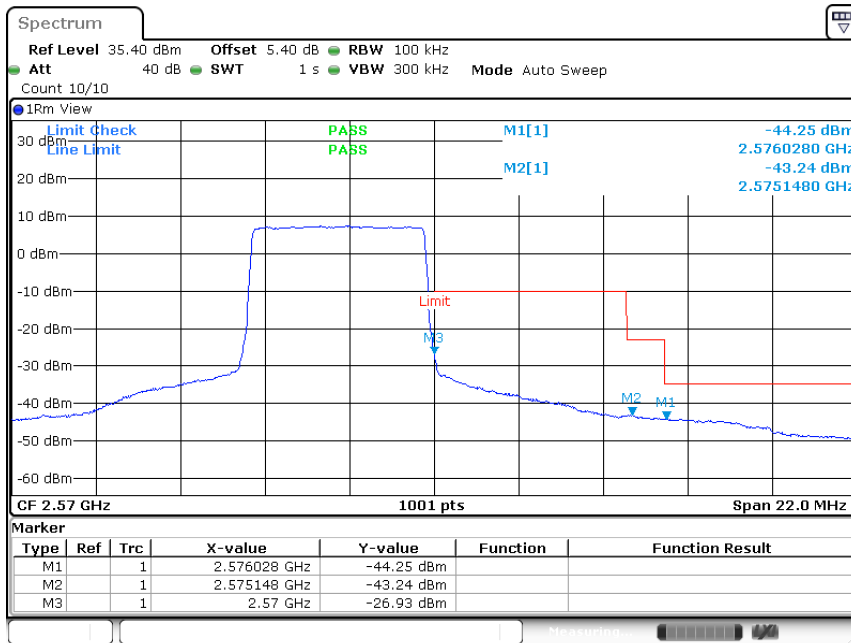


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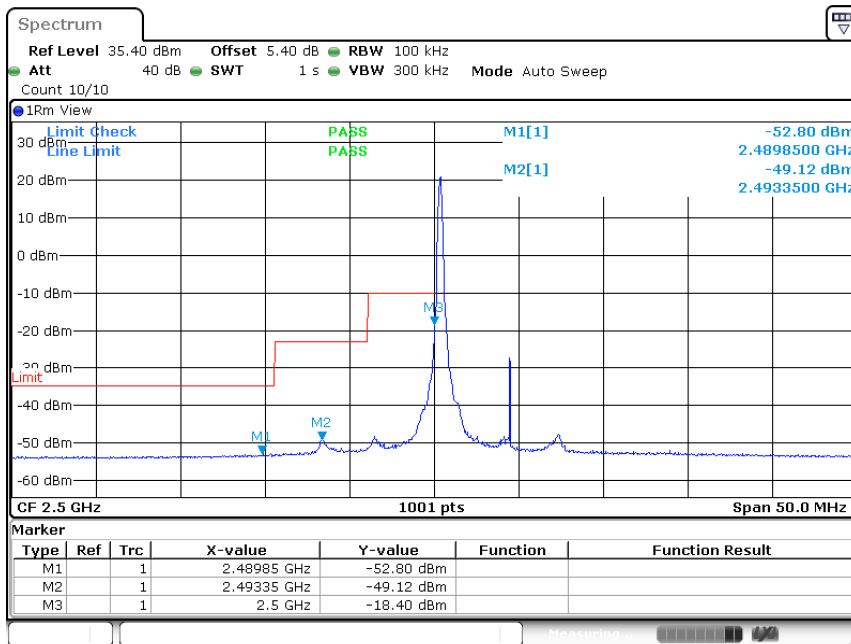
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Band7-5MHz-QPSK-21425-25RB#0



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

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

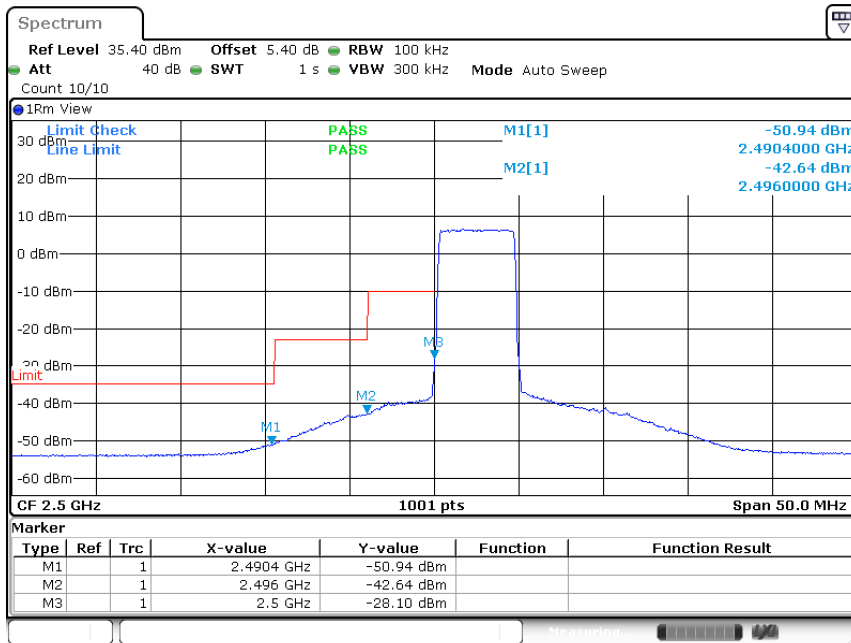


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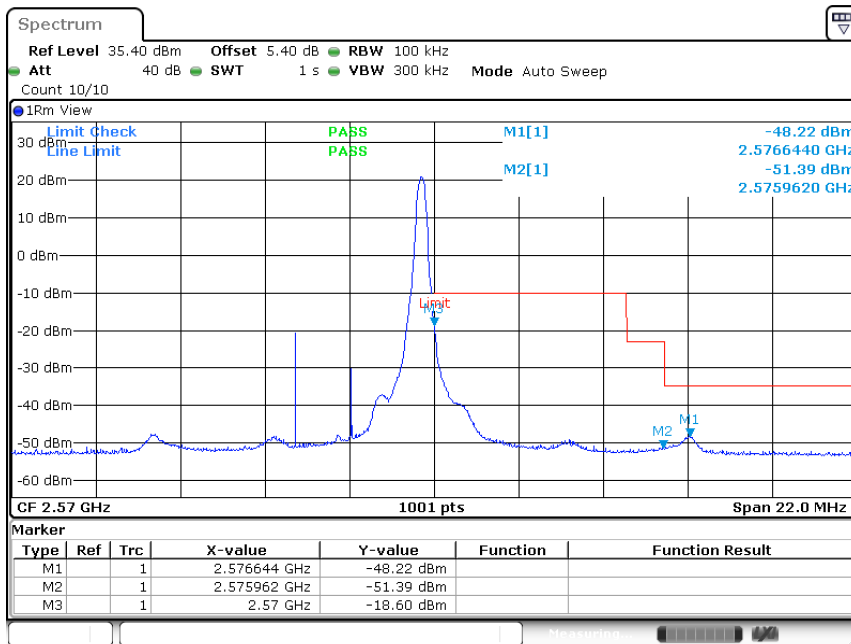
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Band7-5MHz-64QAM-20775-25RB#0



Date: 9.DEC.2020 00:38:40

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

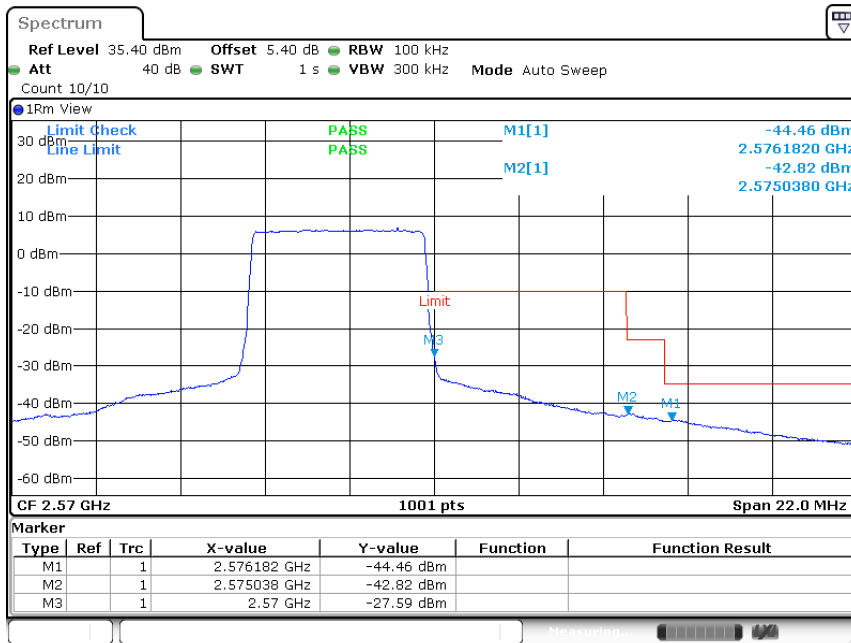


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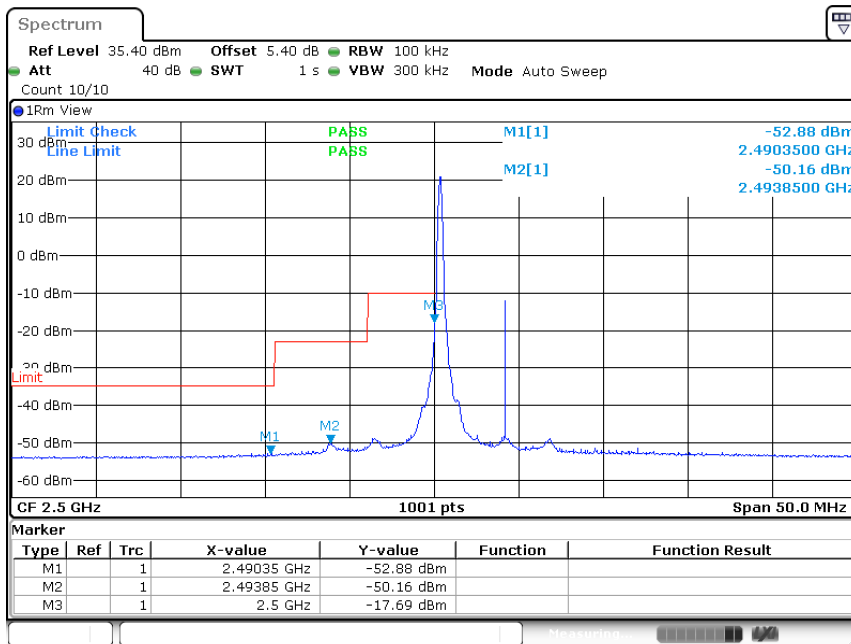
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Date: 9.DEC.2020 00:39:02

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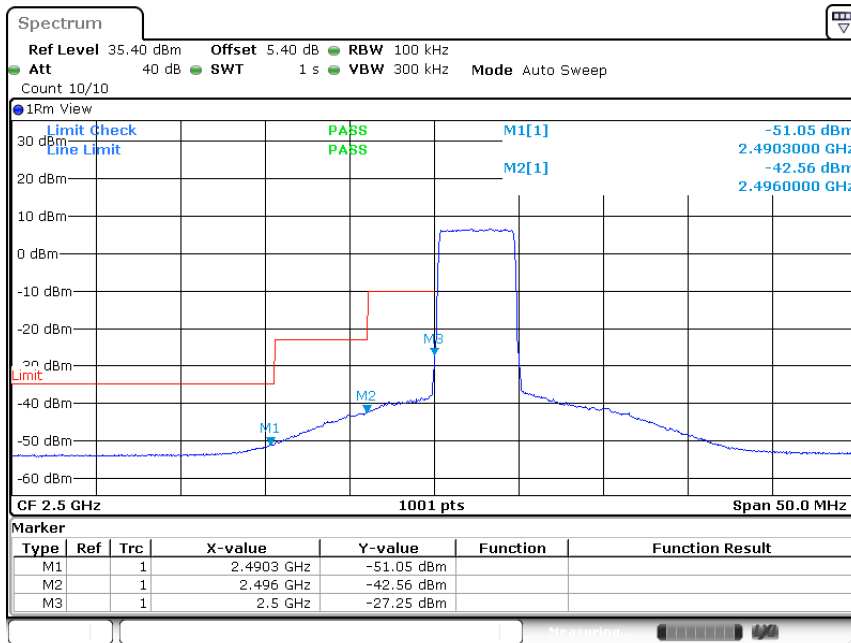


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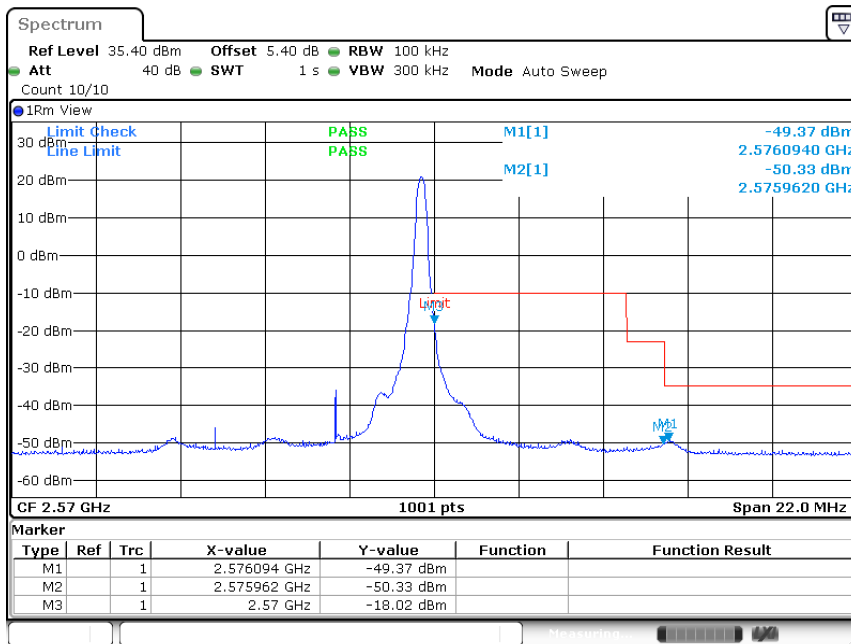
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Band7-5MHz-16QAM-20775-25RB#0



Date: 8.DEC.2020 22:59:51

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

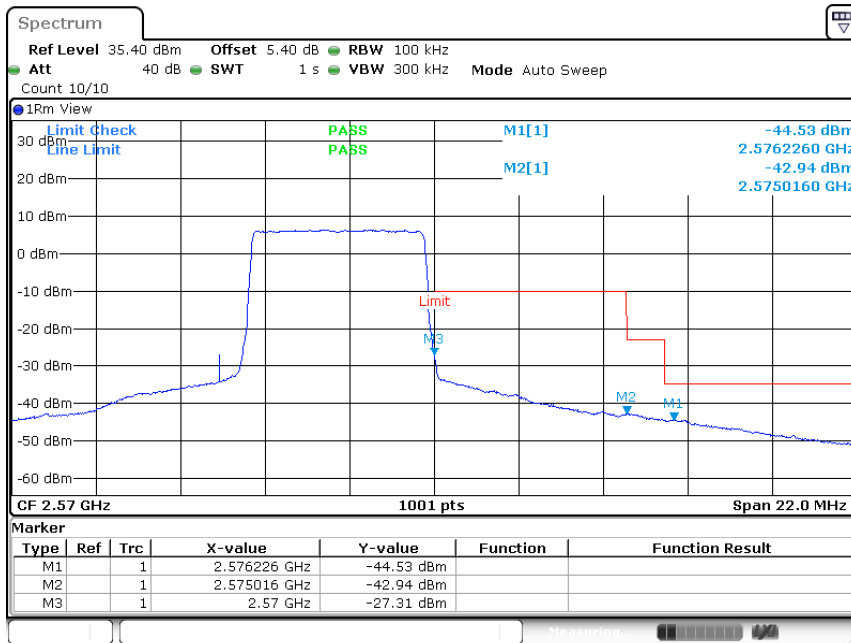


Date: 8.DEC.2020 22:59:04



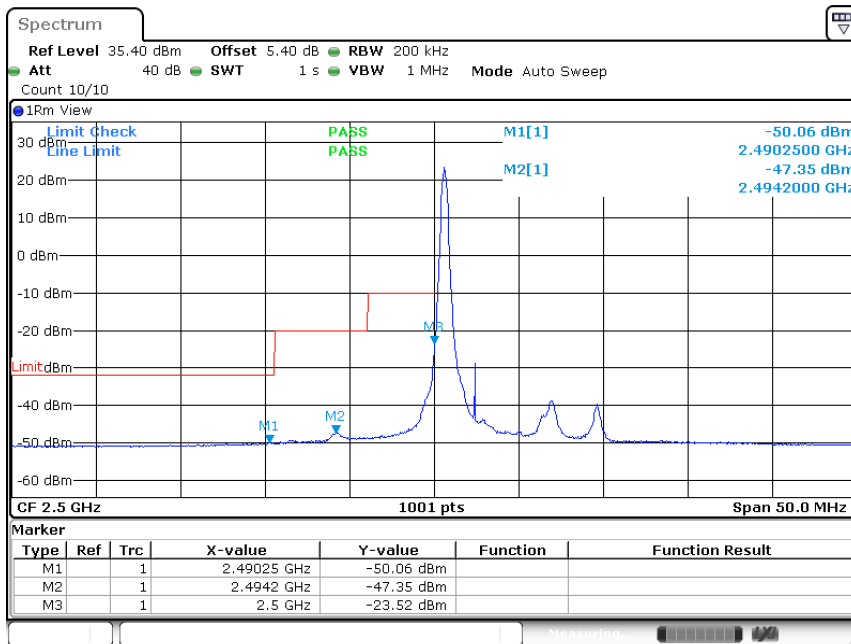
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Band7-5MHz-16QAM-21425-25RB#0



Date: 8.DEC.2020 23:00:33

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

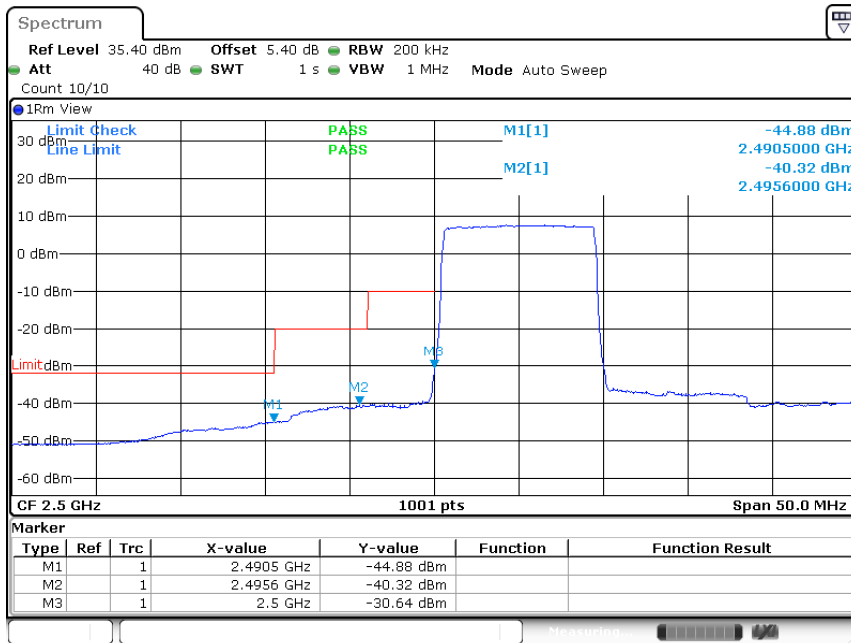


Date: 8.DEC.2020 23:01:00



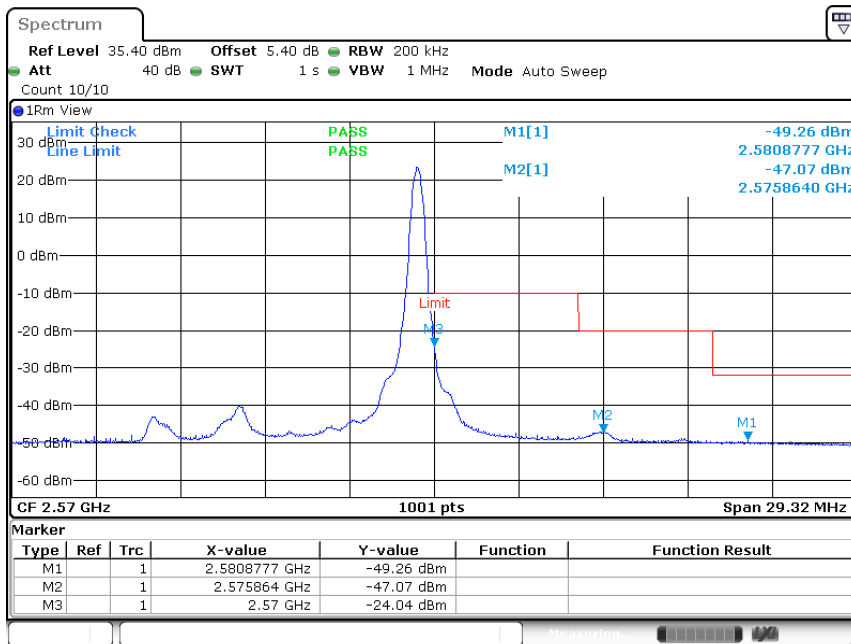
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Band7-10MHz-QPSK-20800-50RB#0



Date: 8.DEC.2020 23:02:34

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

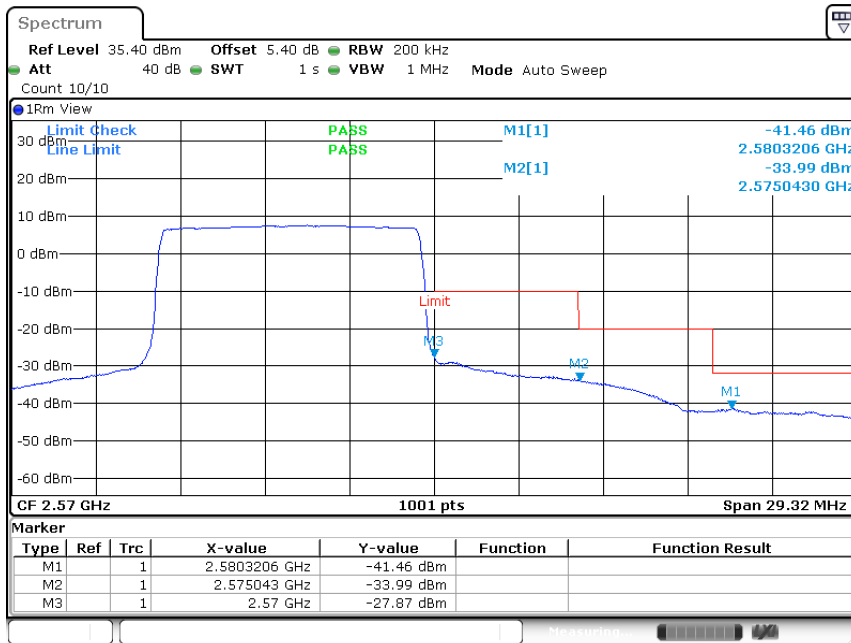


Date: 8.DEC.2020 23:01:47



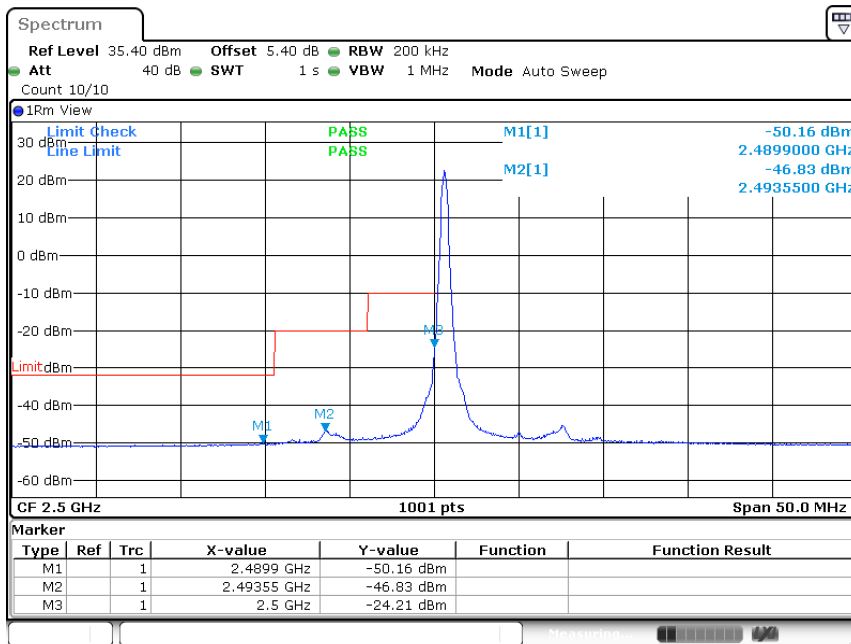
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Band7-10MHz-QPSK-21400-50RB#0



Date: 8.DEC.2020 23:03:16

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

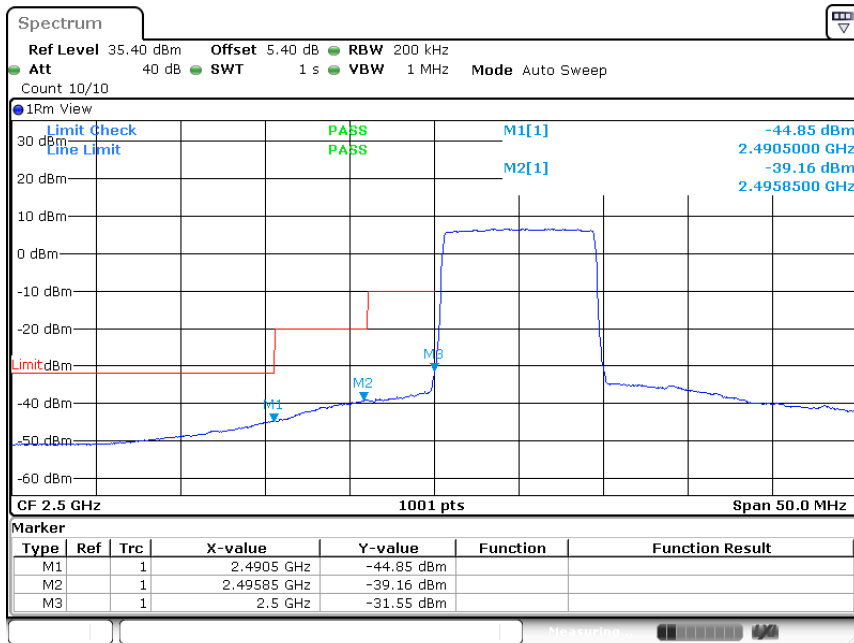


Date: 9.DEC.2020 00:39:29



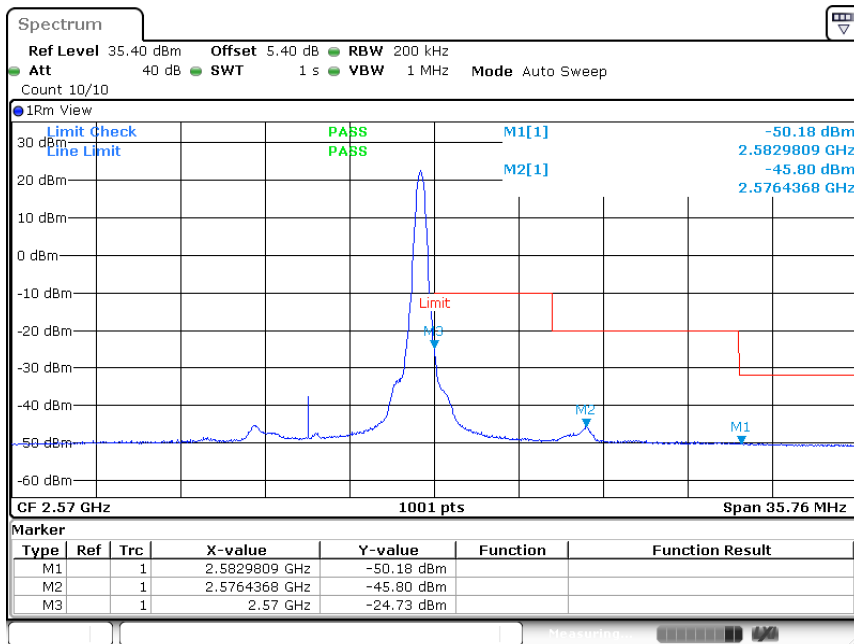
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Band7-10MHz-64QAM-20800-50RB#0



Date: 9.DEC.2020 00:40:21

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

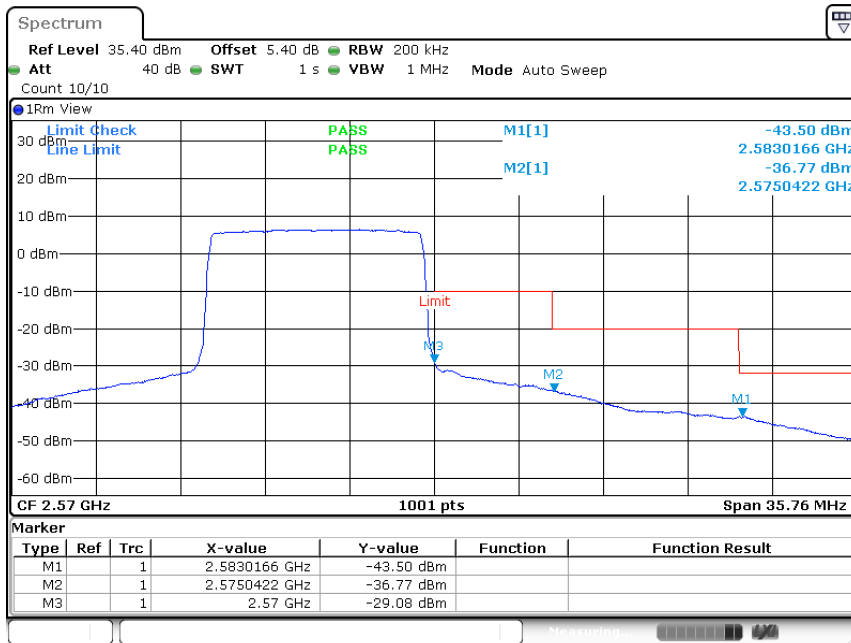


Date: 9.DEC.2020 00:39:55



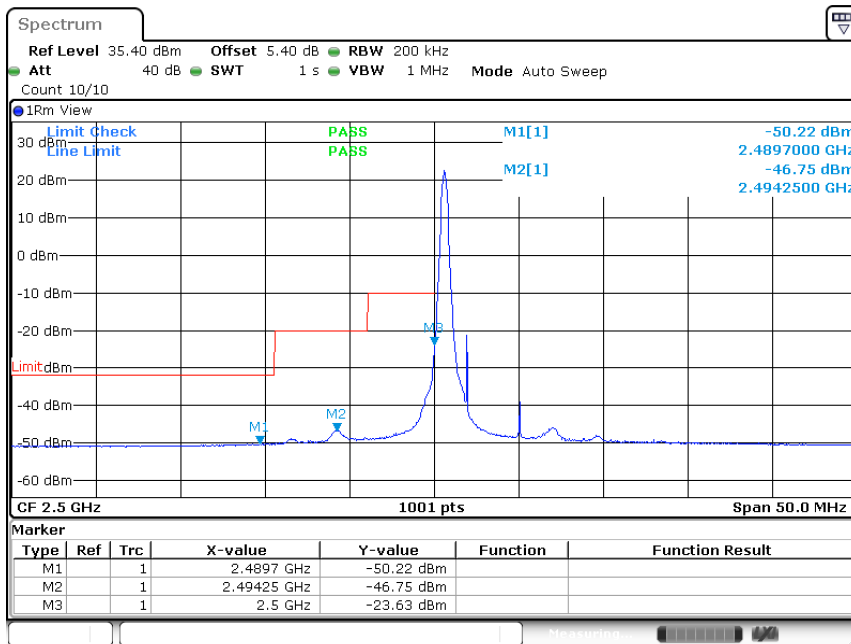
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Band7-10MHz-64QAM-21400-50RB#0



Date: 9.DEC.2020 00:40:42

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

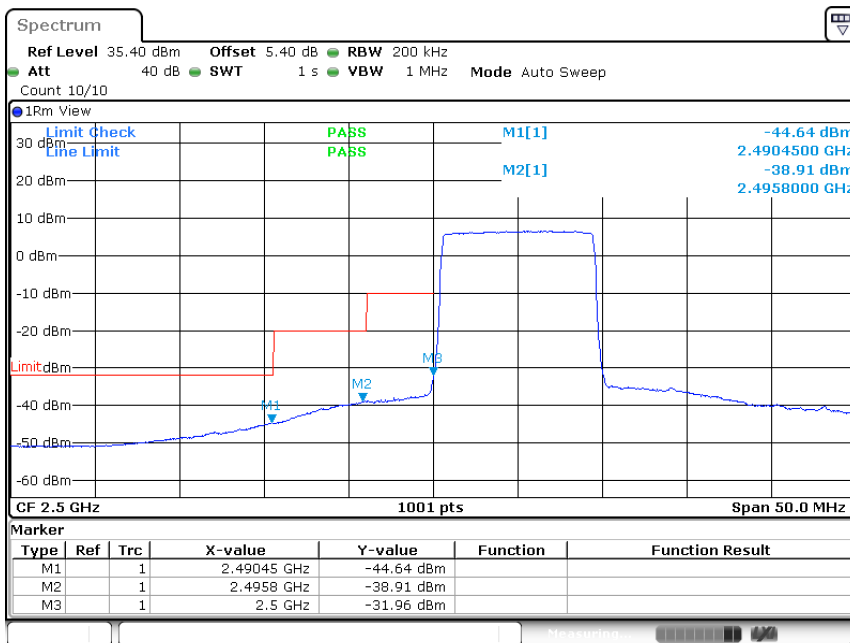


Date: 8.DEC.2020 23:01:21



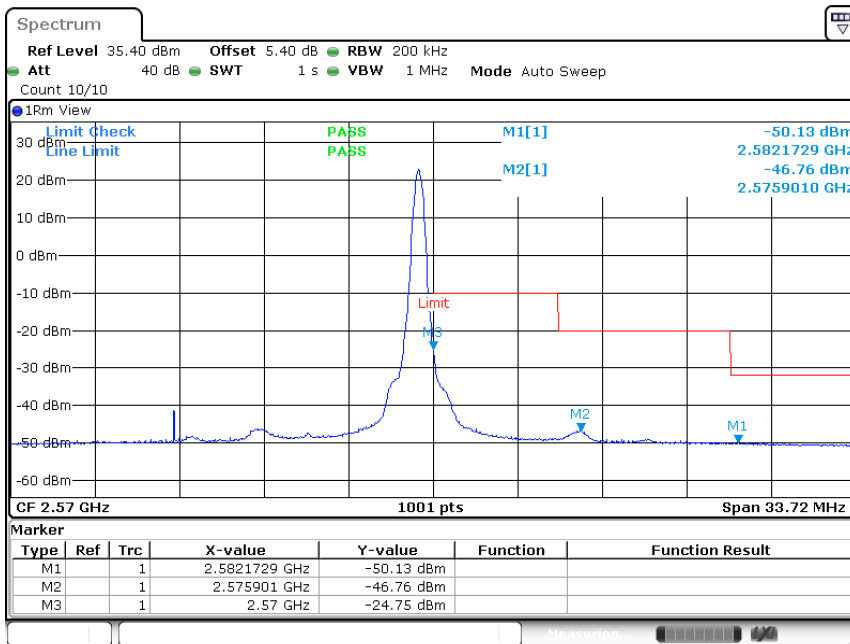
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Band7-10MHz-16QAM-20800-50RB#0



Date: 8.DEC.2020 23:02:55

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

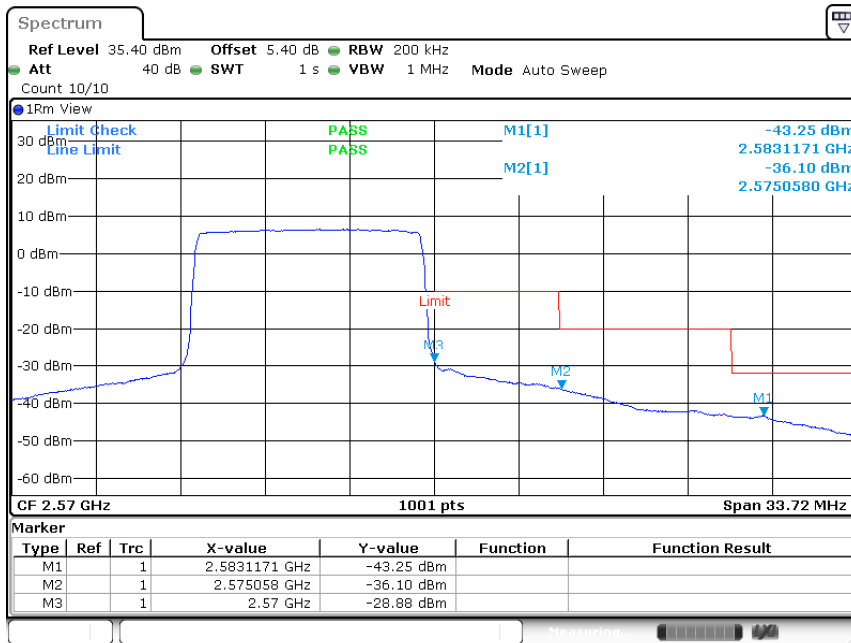


Date: 8.DEC.2020 23:02:08



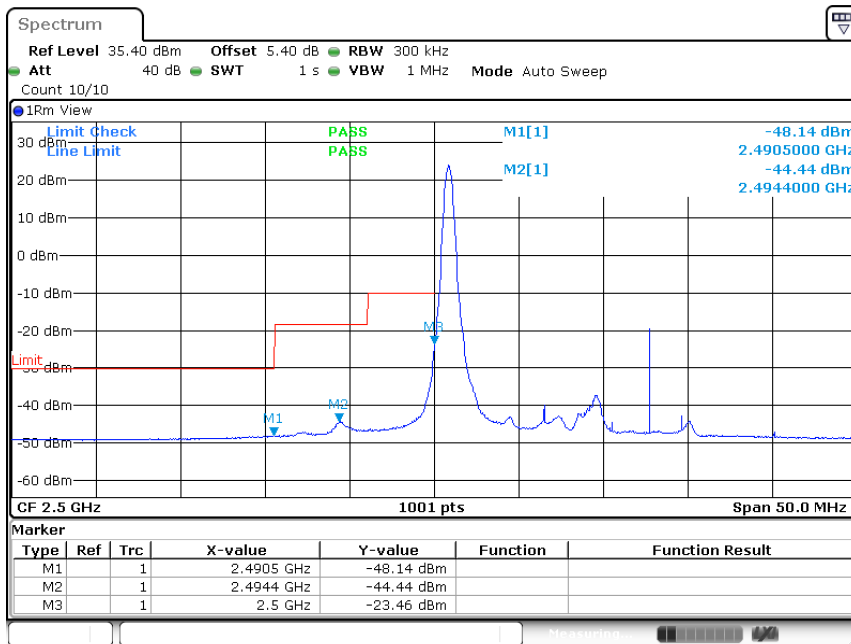
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Band7-10MHz-16QAM-21400-50RB#0



Date: 8.DEC.2020 23:03:38

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

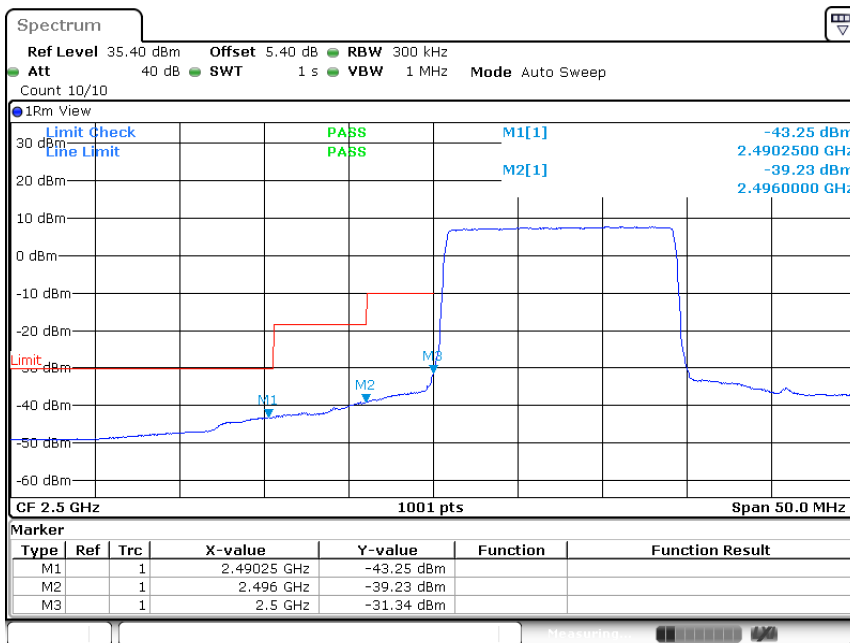


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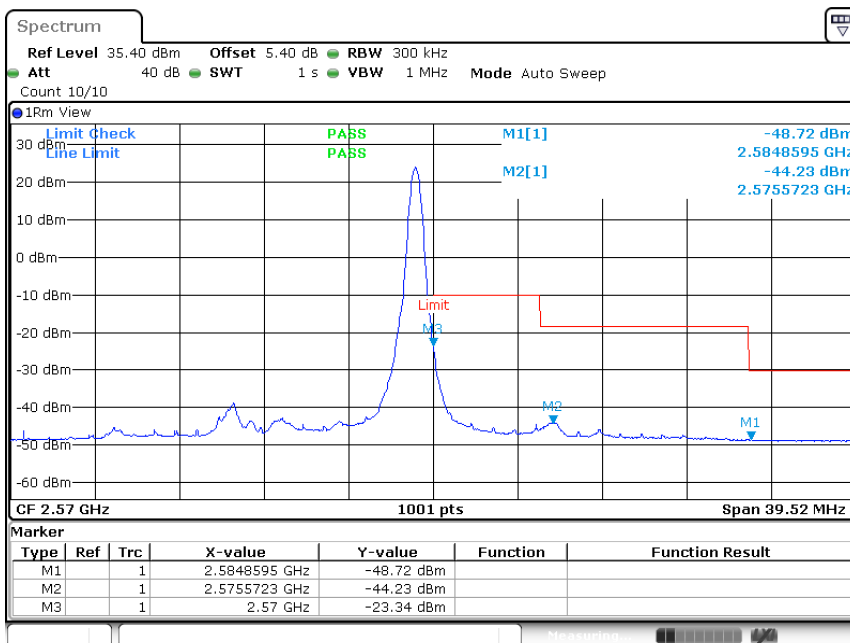
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Band7-15MHz-QPSK-20825-75RB#0



Date: 8.DEC.2020 23:05:37

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

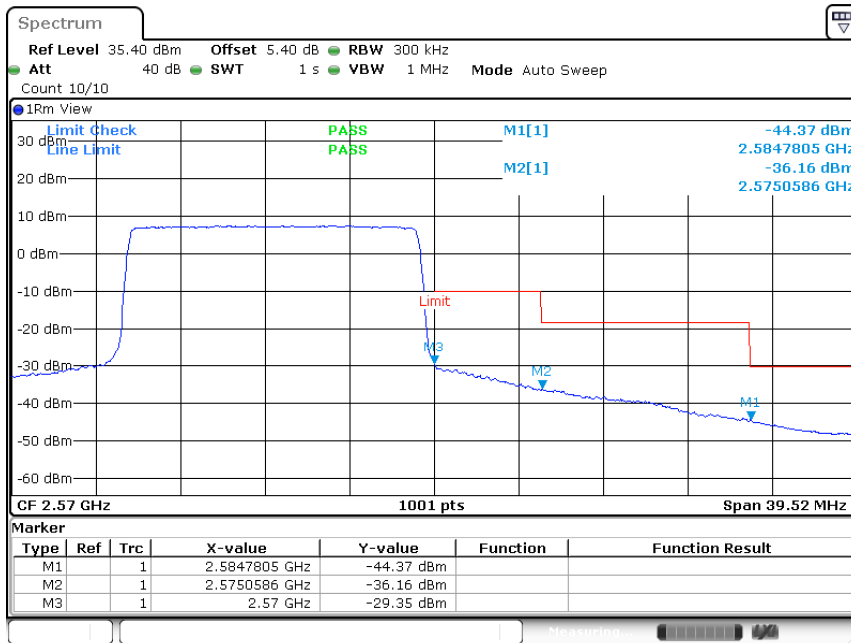


Date: 8.DEC.2020 23:04:51



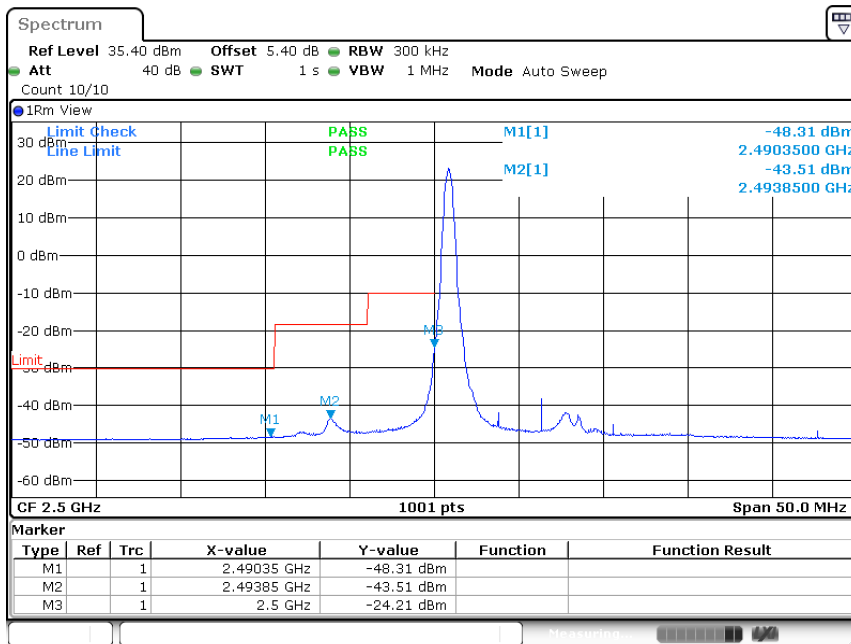
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Band7-15MHz-QPSK-21375-75RB#0



Date: 8.DEC.2020 23:06:20

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

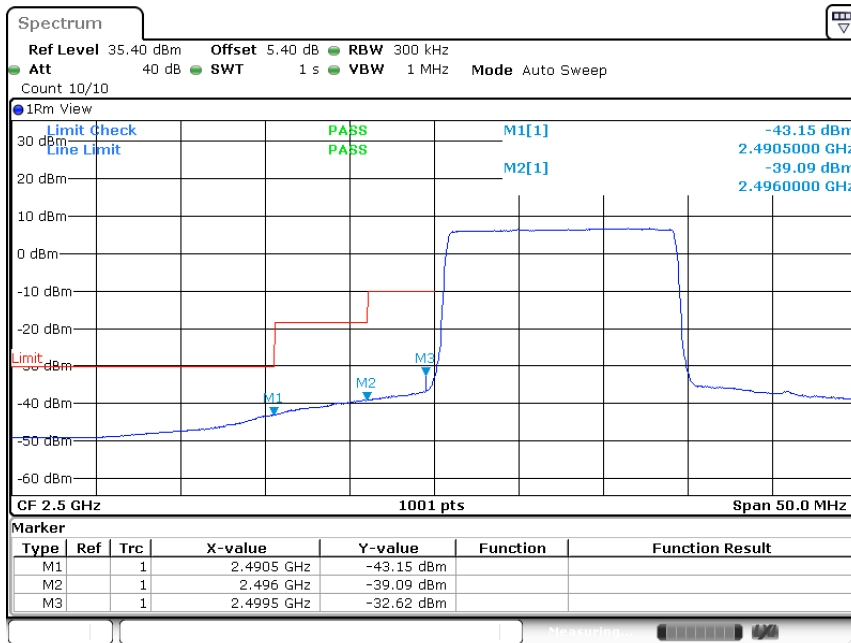


Date: 9.DEC.2020 00:41:09



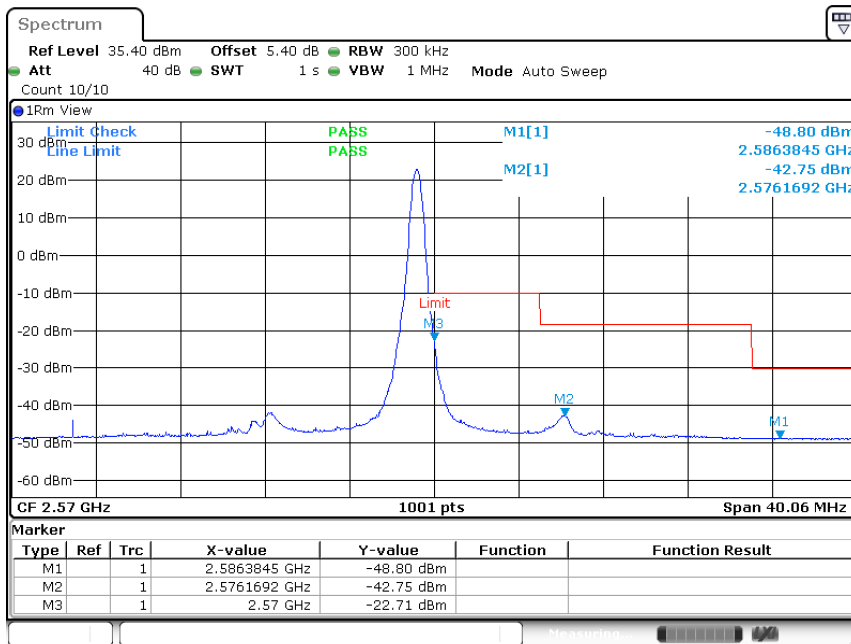
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Band7-15MHz-64QAM-20825-75RB#0



Date: 9.DEC.2020 00:42:01

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

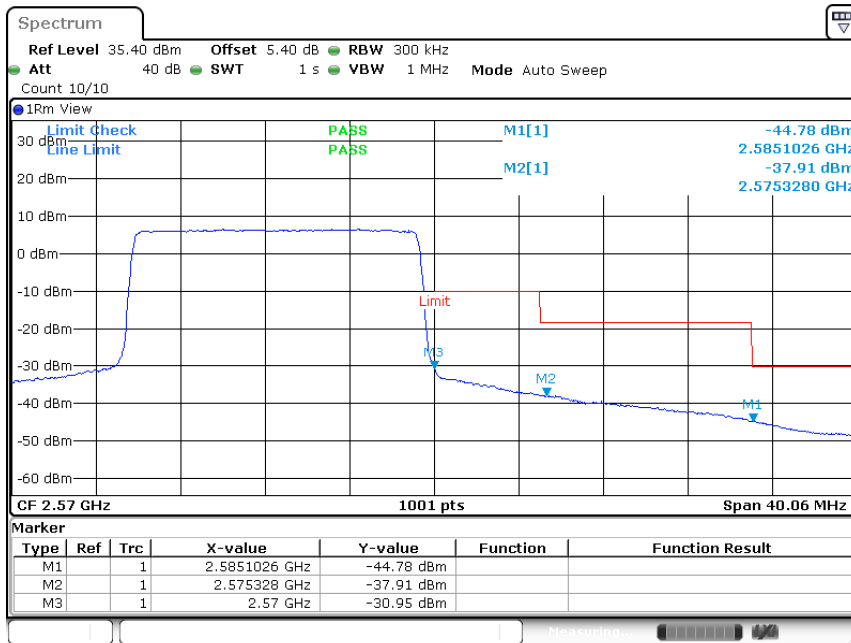


Date: 9.DEC.2020 00:41:35



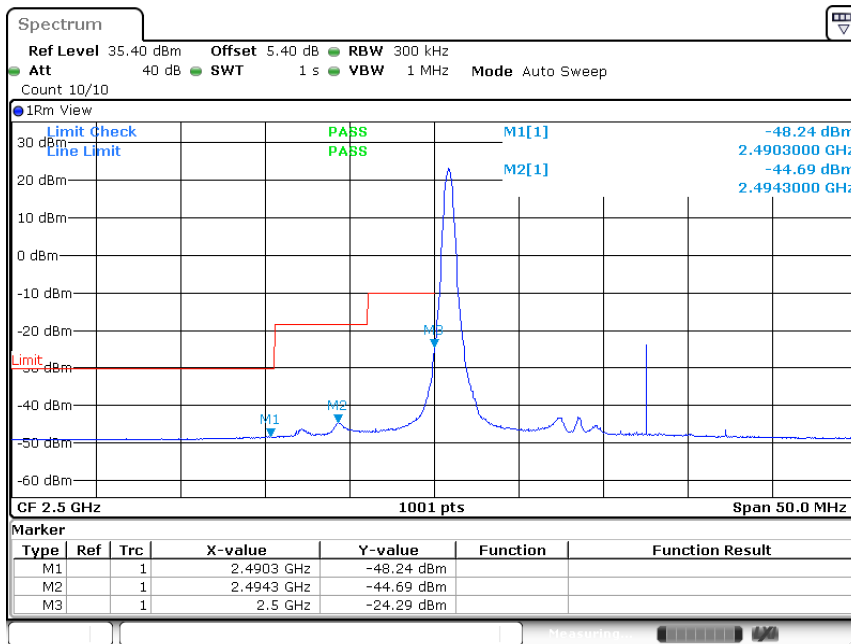
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Band7-15MHz-64QAM-21375-75RB#0



Date: 9.DEC.2020 00:42:23

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

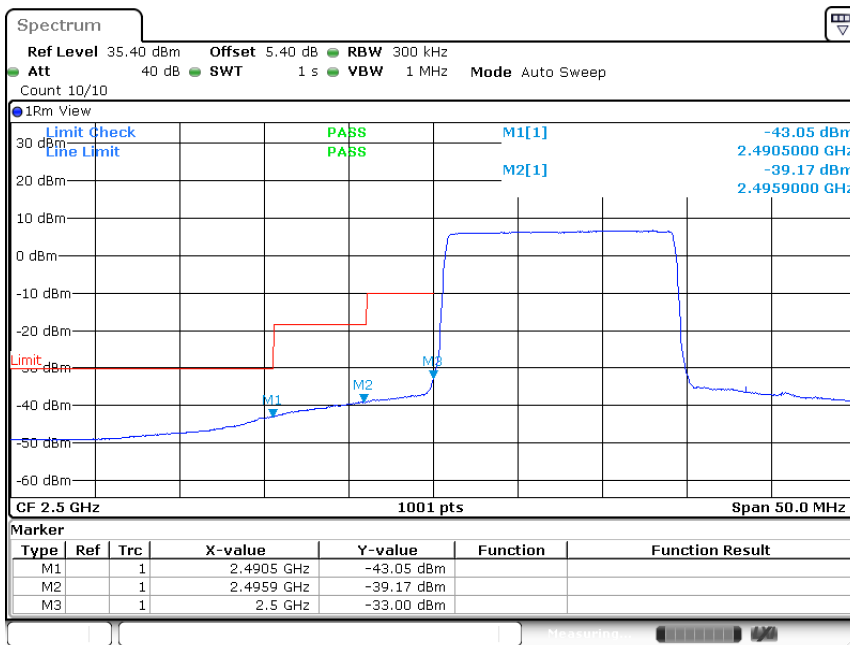


Date: 8.DEC.2020 23:04:25



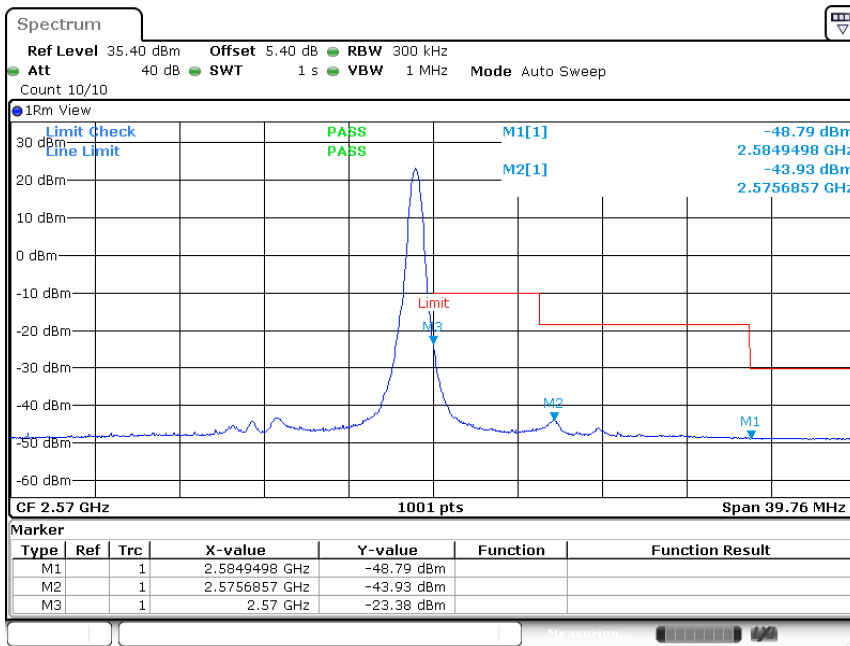
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Band7-15MHz-16QAM-20825-75RB#0



Date: 8.DEC.2020 23:05:59

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

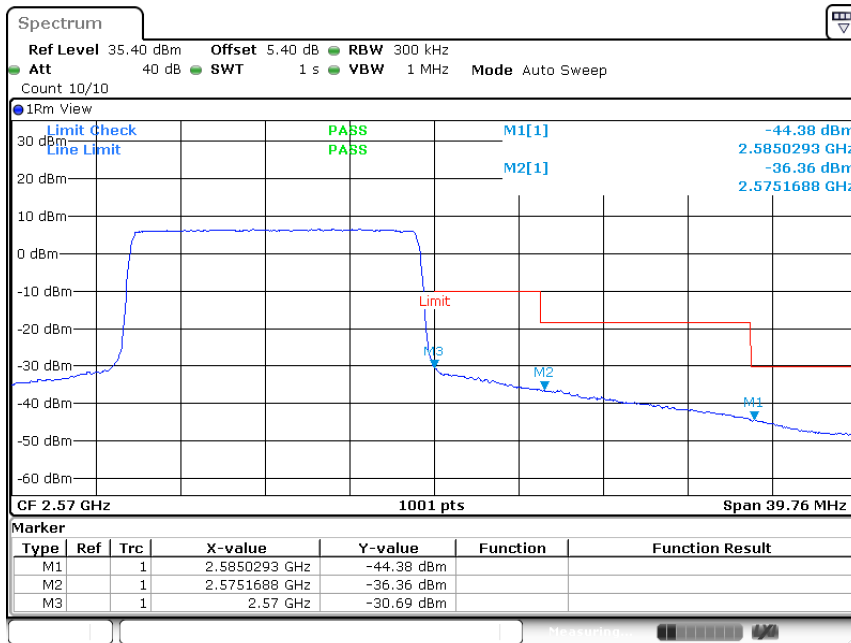


Date: 8.DEC.2020 23:05:12



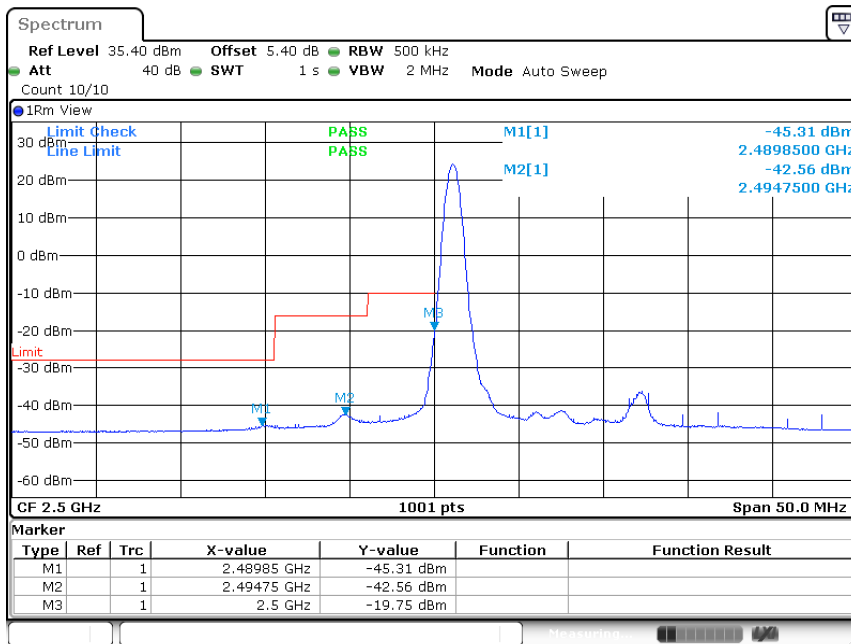
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Band7-15MHz-16QAM-21375-75RB#0



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

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

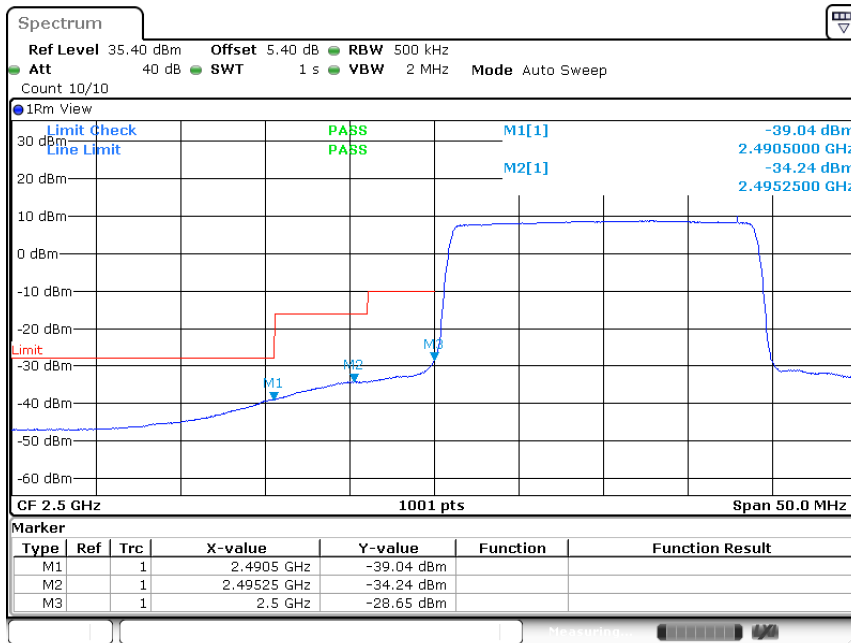


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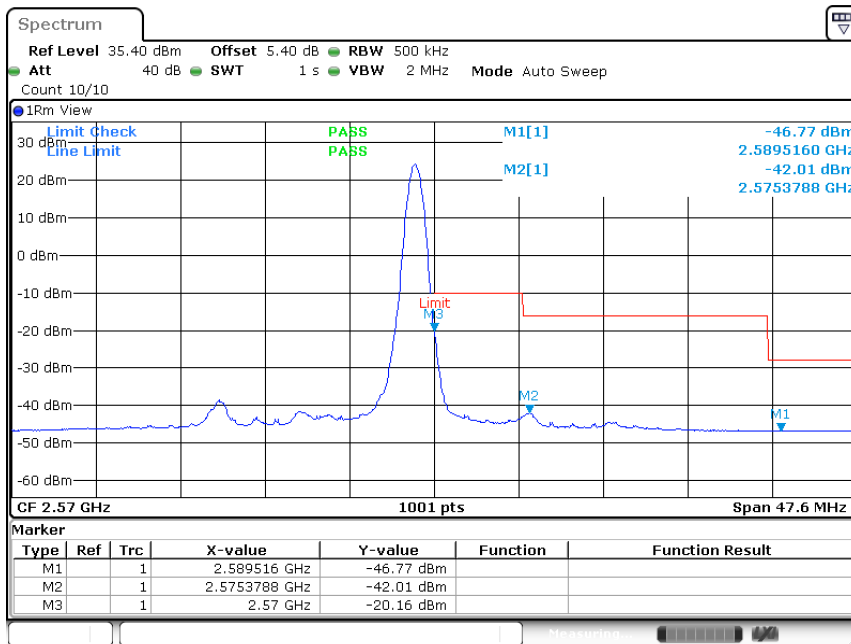
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Band7-20MHz-QPSK-20850-100RB#0



Date: 8.DEC.2020 23:08:41

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

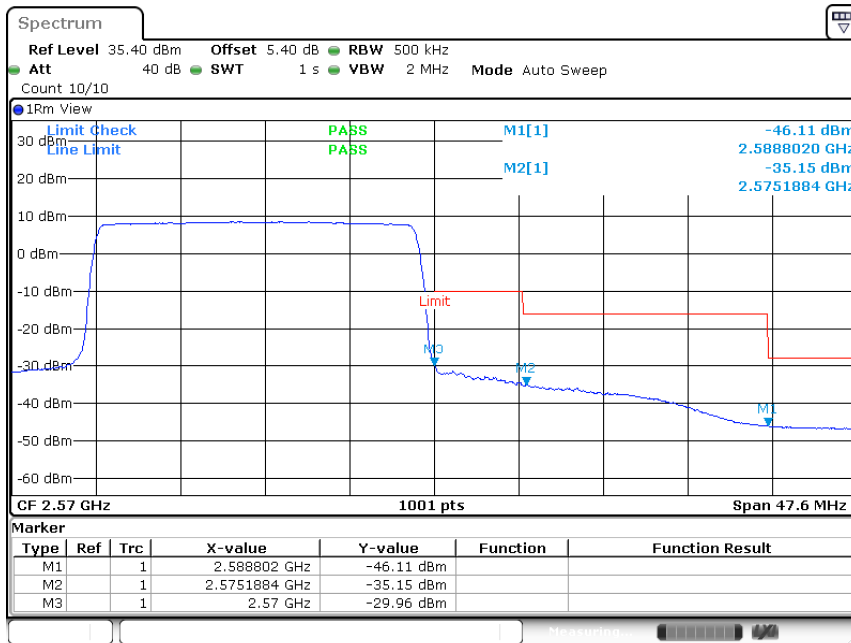


Date: 8.DEC.2020 23:07:55



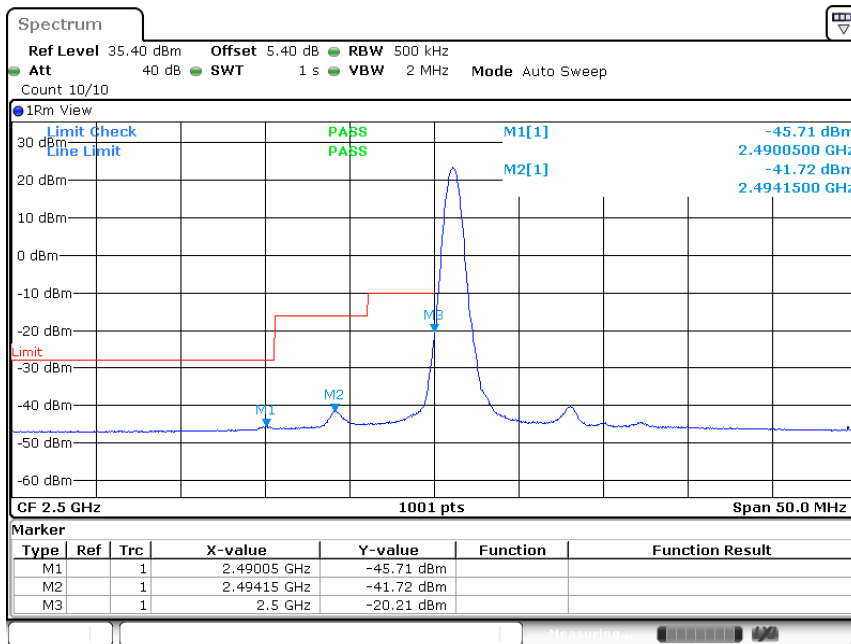
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Band7-20MHz-QPSK-21350-100RB#0



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

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

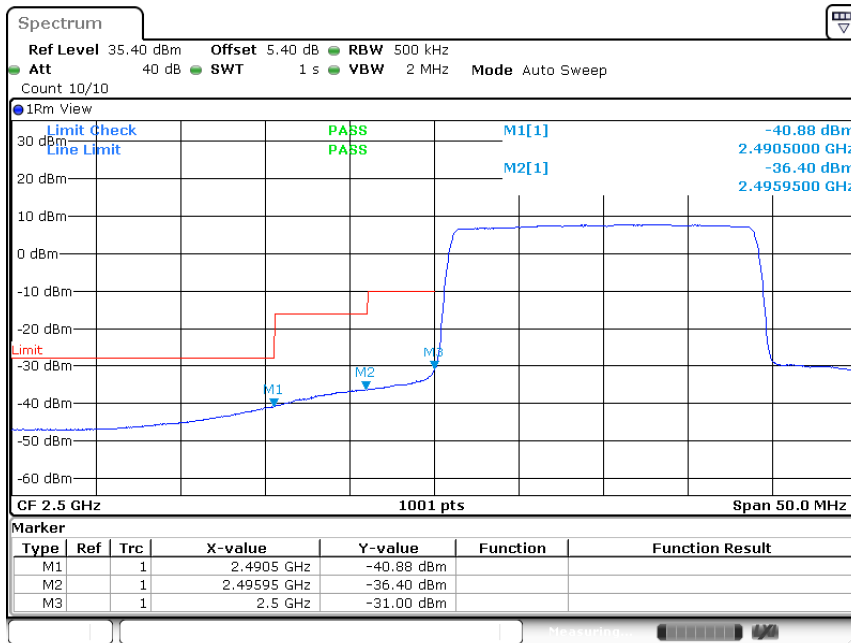


Date: 9.DEC.2020 00:42:49



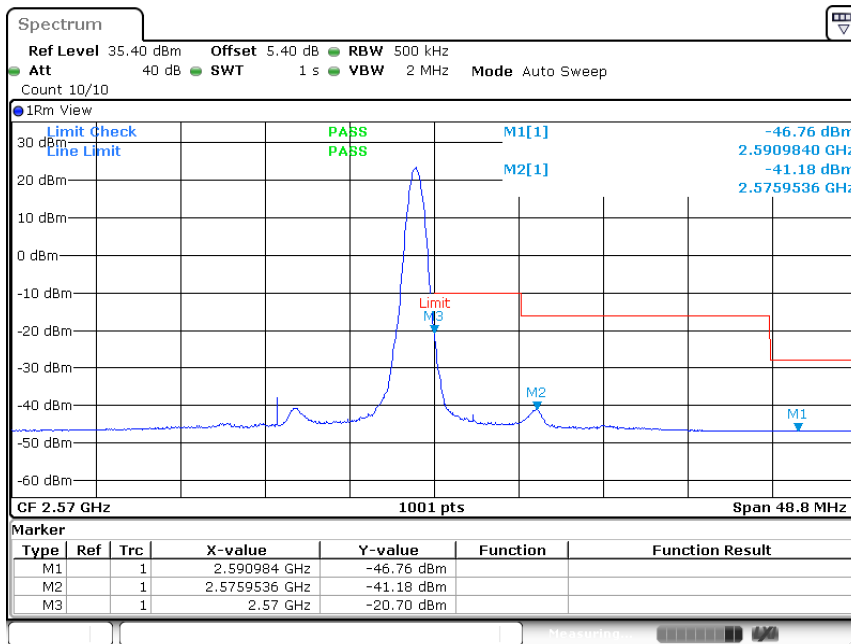
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Band7-20MHz-64QAM-20850-100RB#0



Date: 9.DEC.2020 00:43:41

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

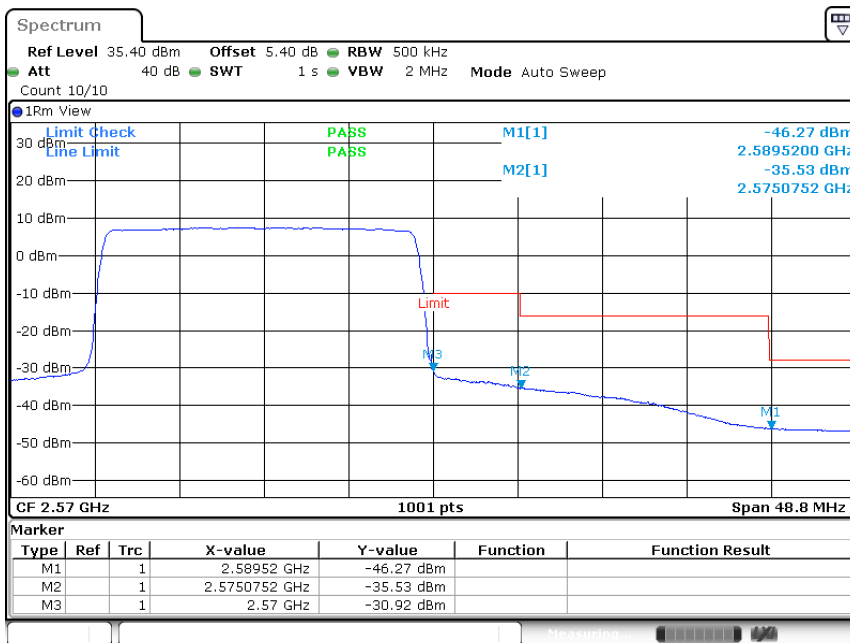


Date: 9.DEC.2020 00:43:15



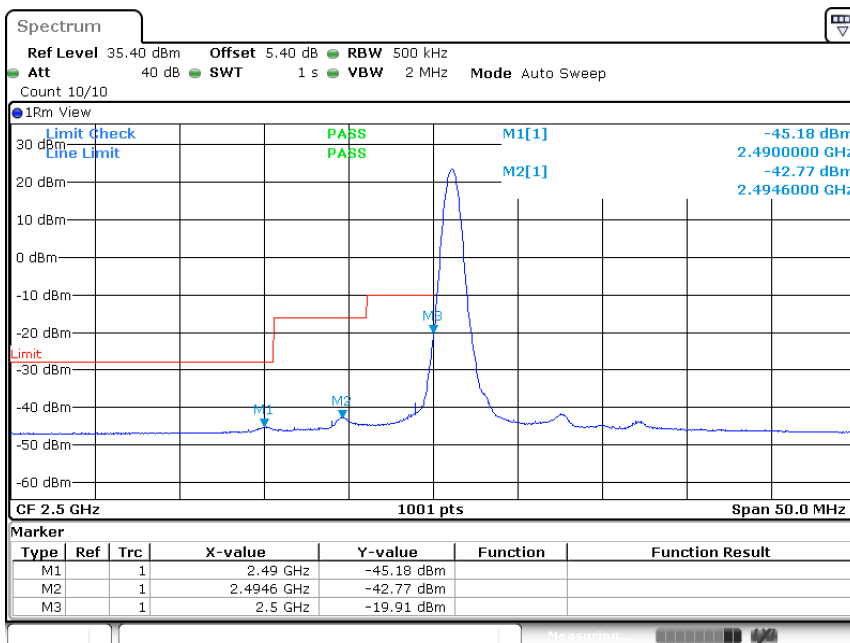
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Band7-20MHz-64QAM-21350-100RB#0



Date: 9.DEC.2020 00:44:03

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

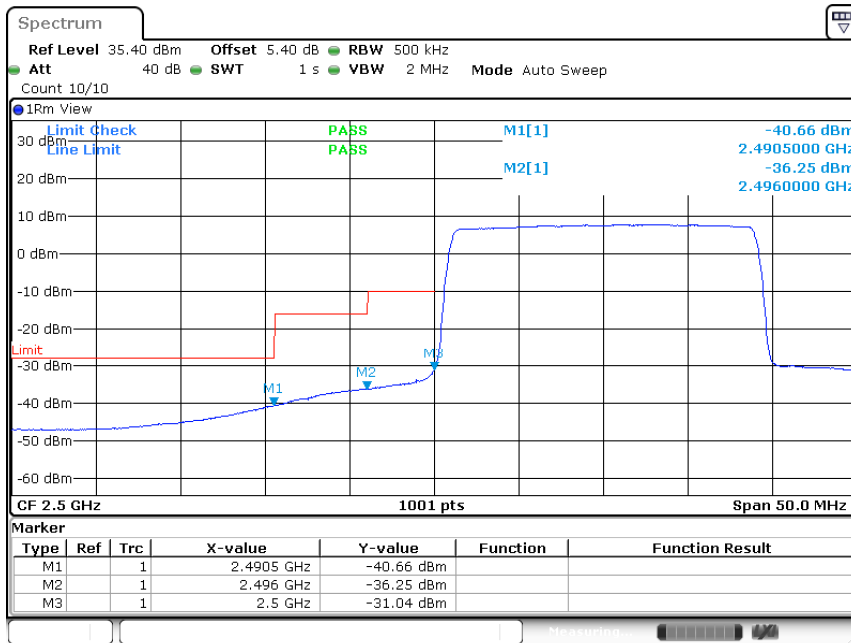


Date: 8.DEC.2020 23:07:29



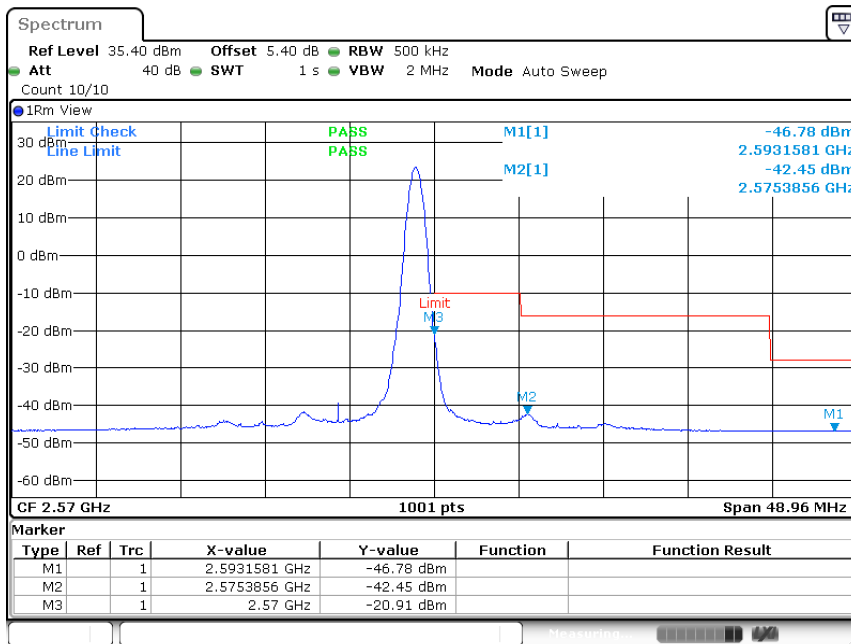
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Band7-20MHz-16QAM-20850-100RB#0



Date: 8.DEC.2020 23:09:03

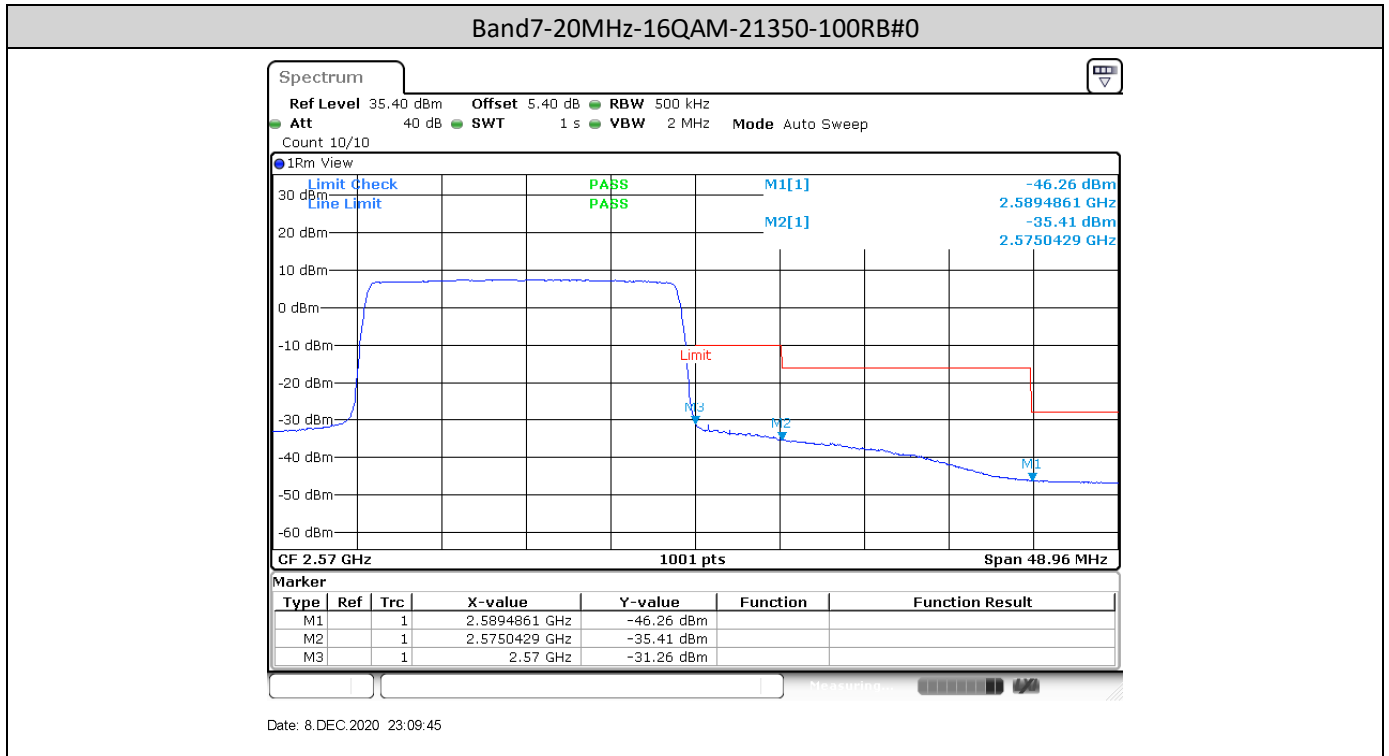
Band7-20MHz-16QAM-21350-1RB#99



Date: 8.DEC.2020 23:08:16



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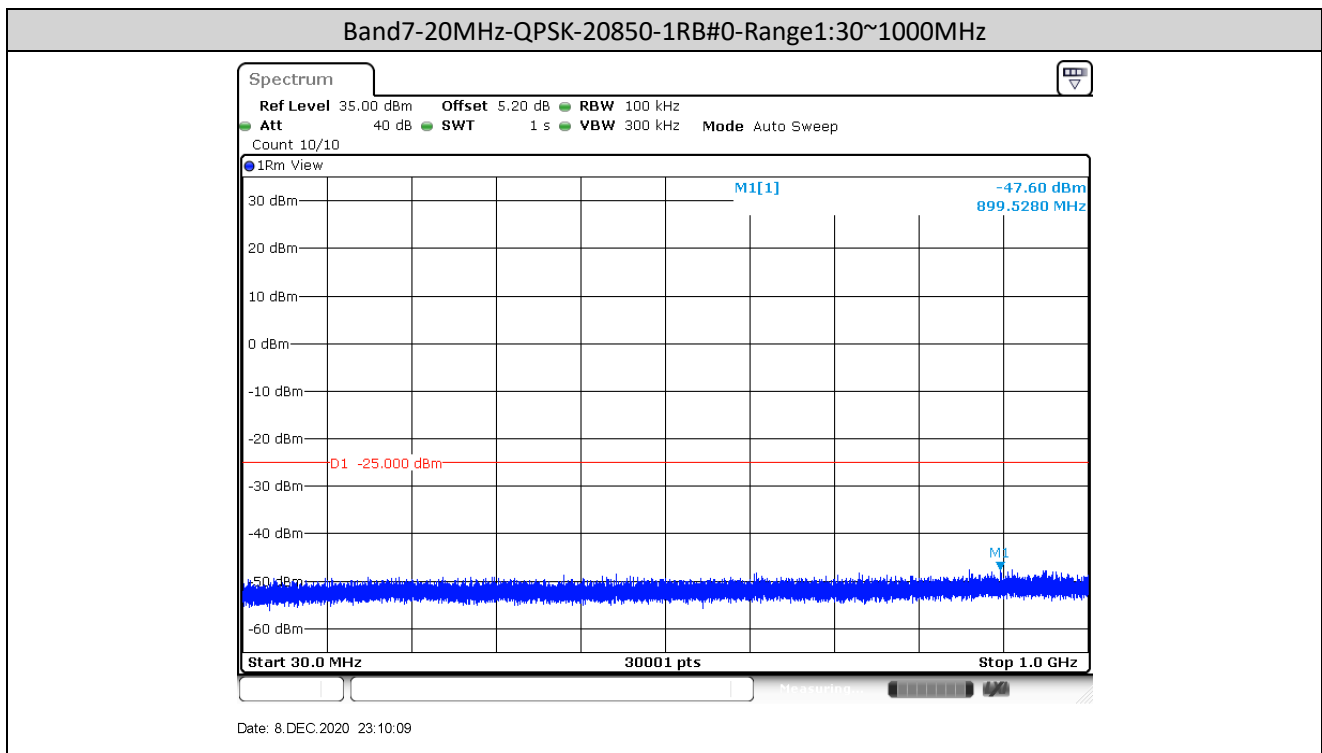
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6. Spurious Emission at Antenna Terminal

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

Remark2: only the worst case data displayed in this report.

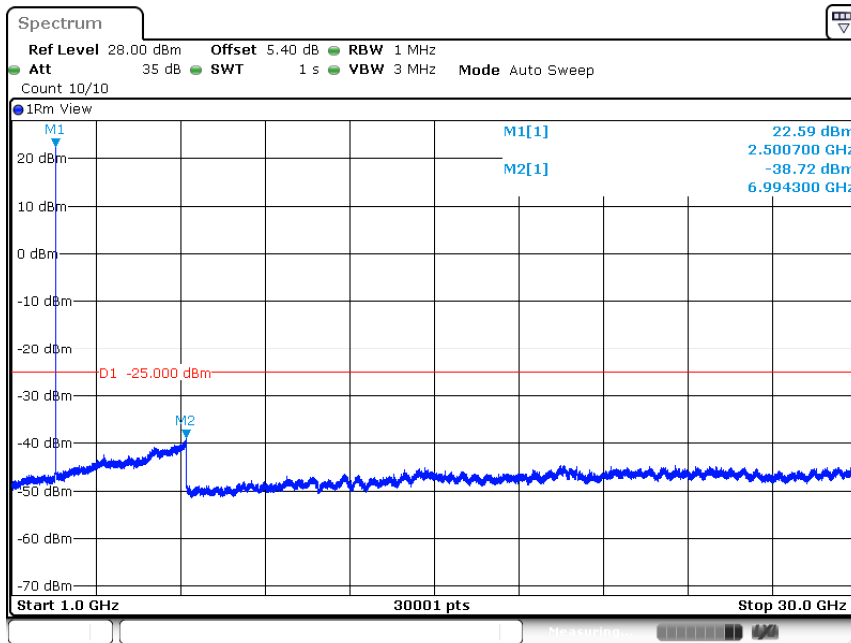
6.1. Test Plots



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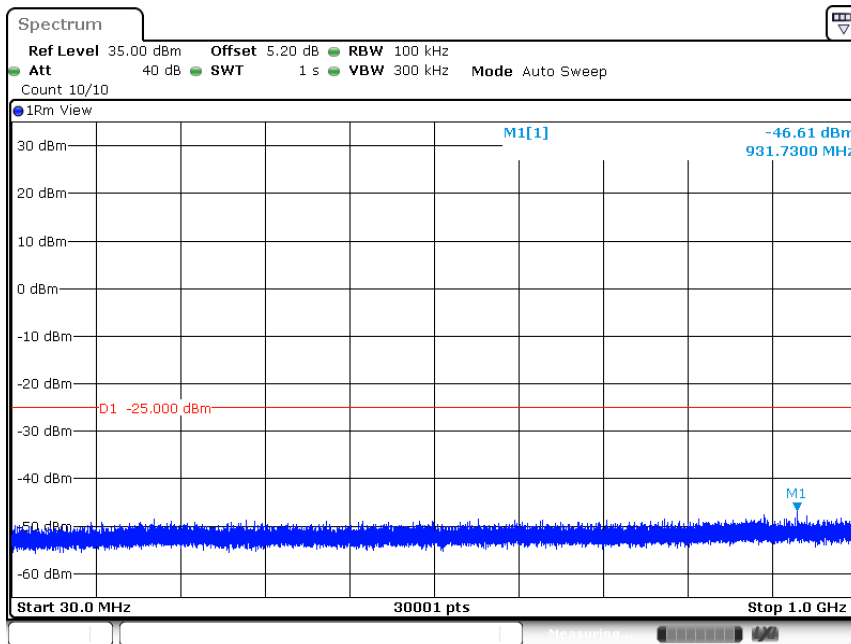
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Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



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

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

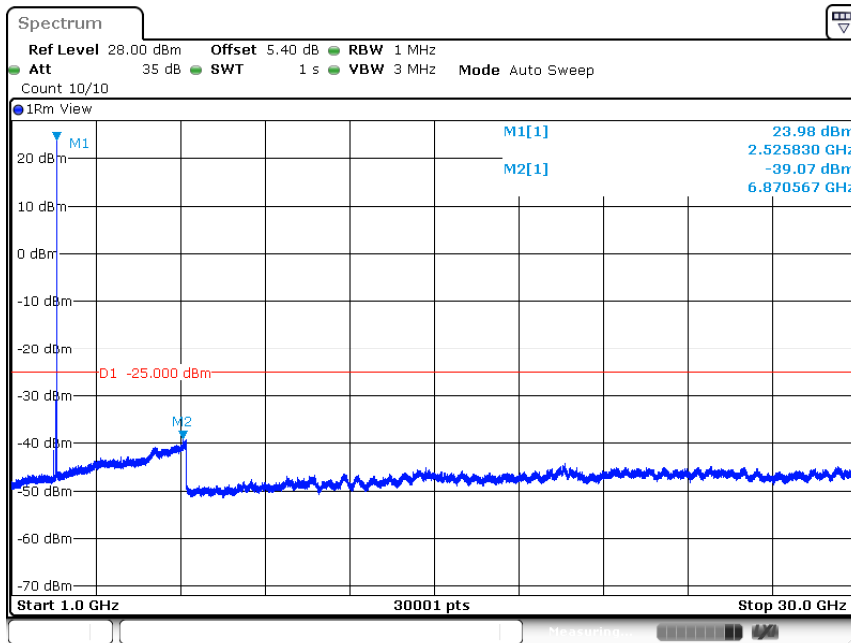


Date: 8.DEC.2020 23:11:19



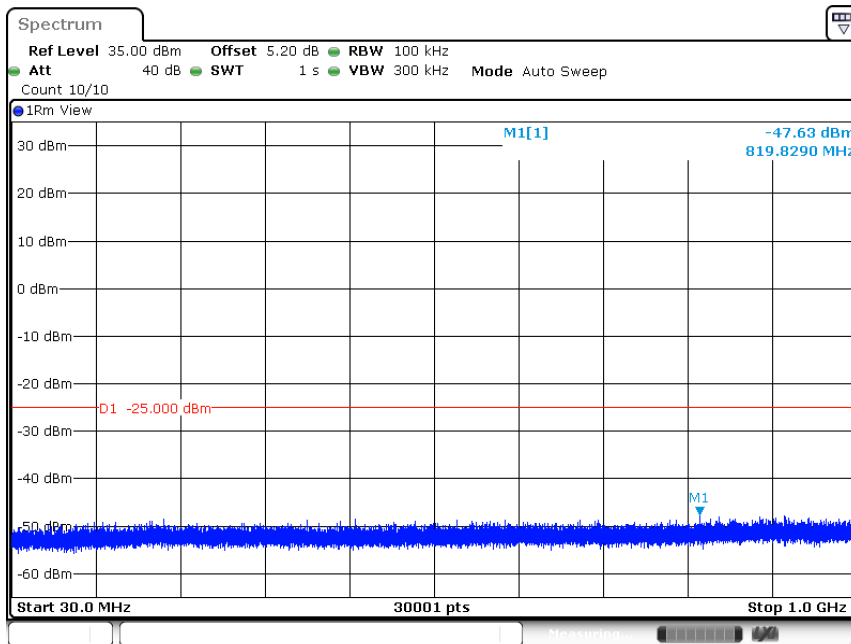
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



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

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

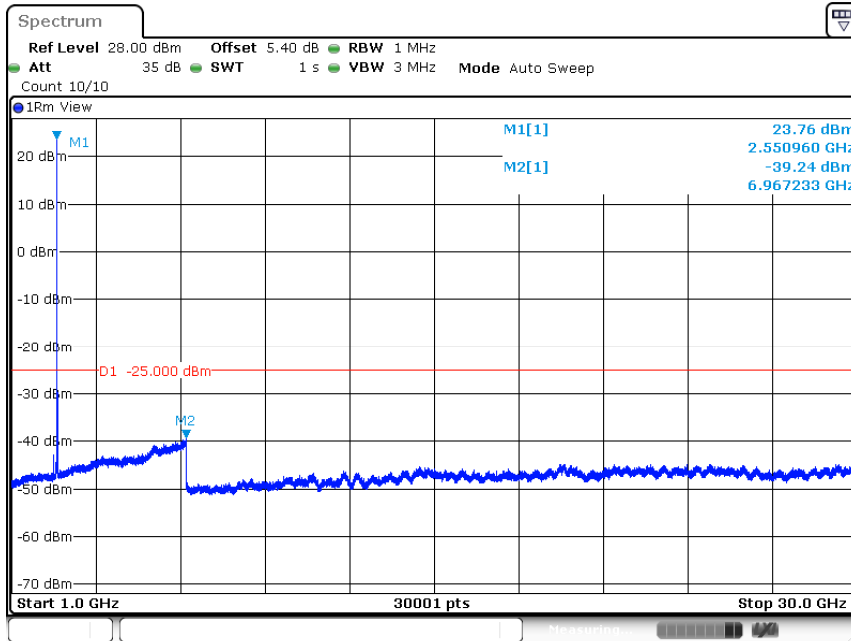


Date: 8.DEC.2020 23:12:29



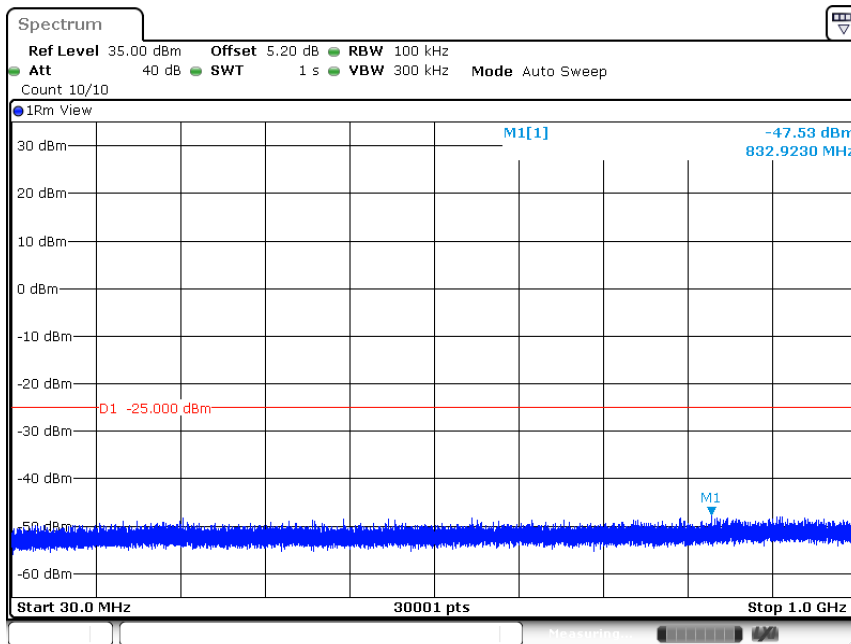
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



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

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

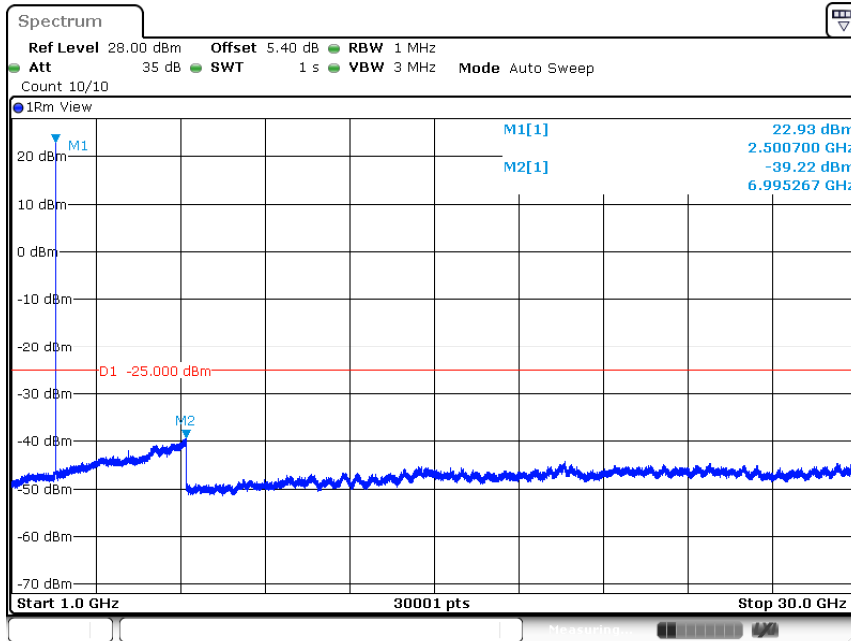


Date: 9.DEC.2020 00:44:27



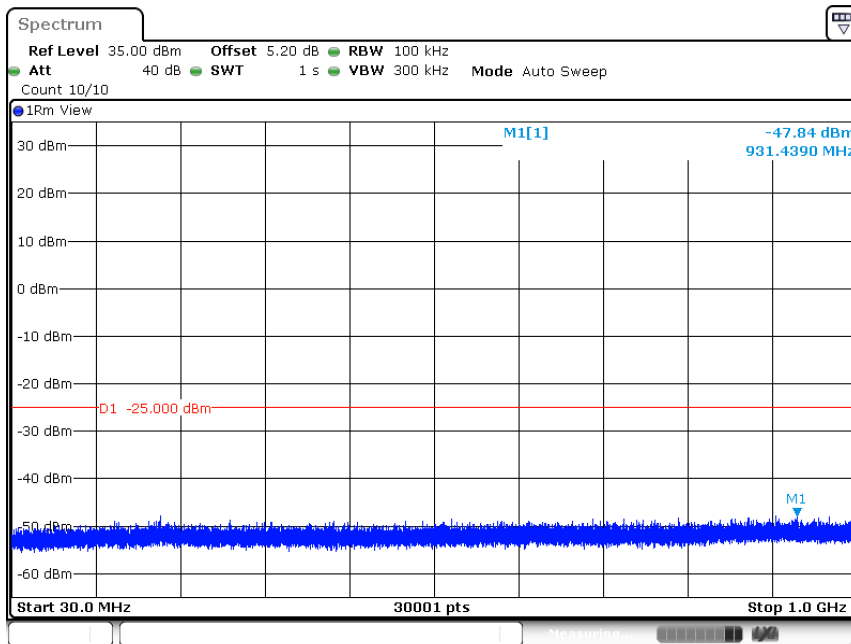
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



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

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

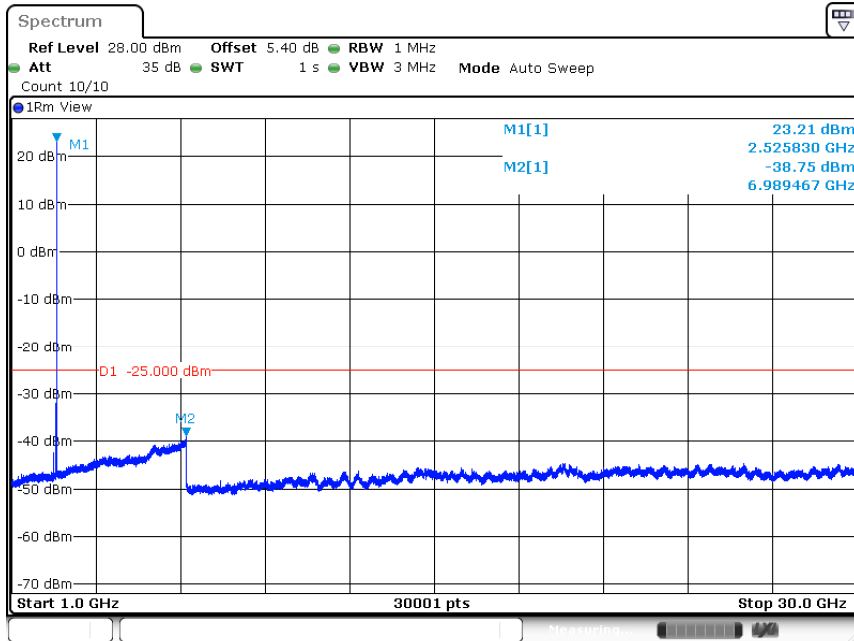


Date: 9.DEC.2020 00:45:02



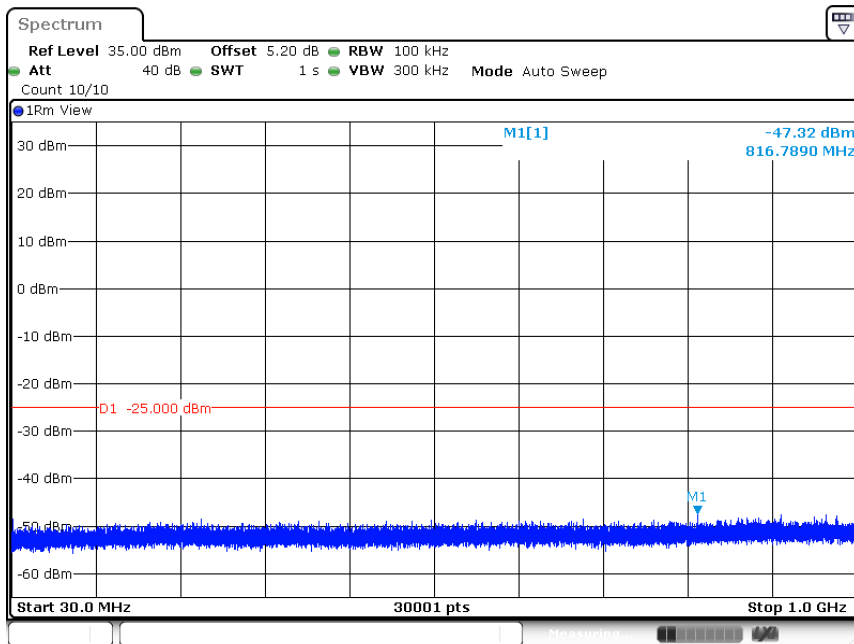
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



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

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

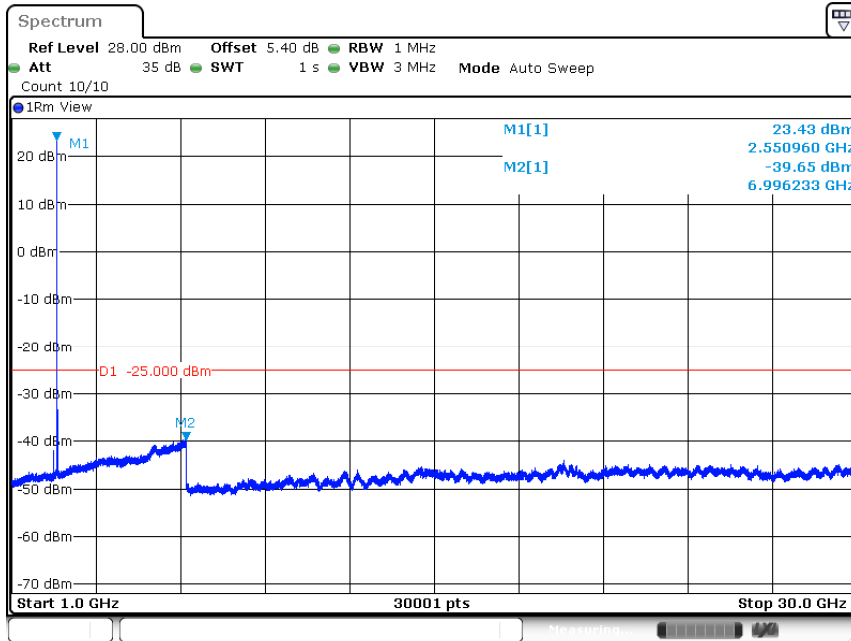


Date: 9.DEC.2020 00:45:38



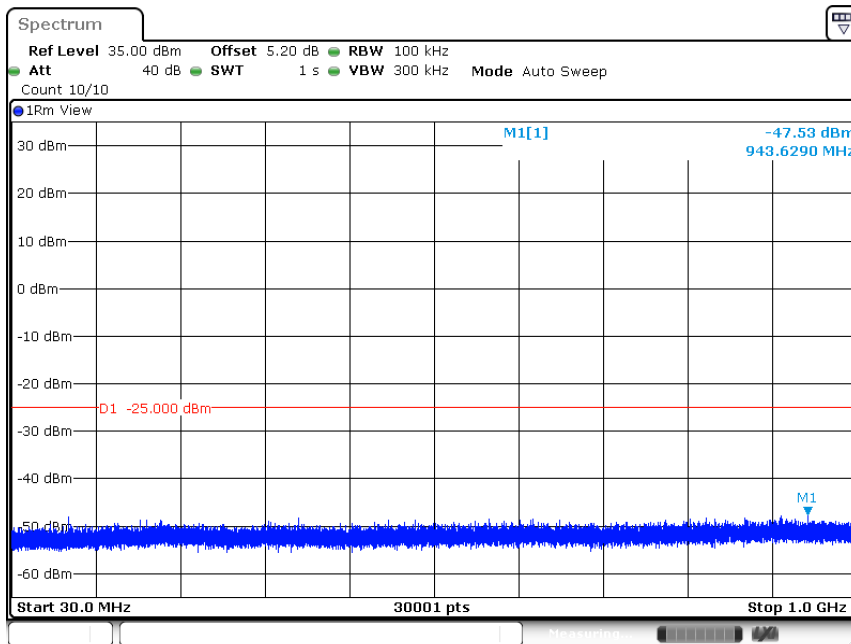
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Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



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

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

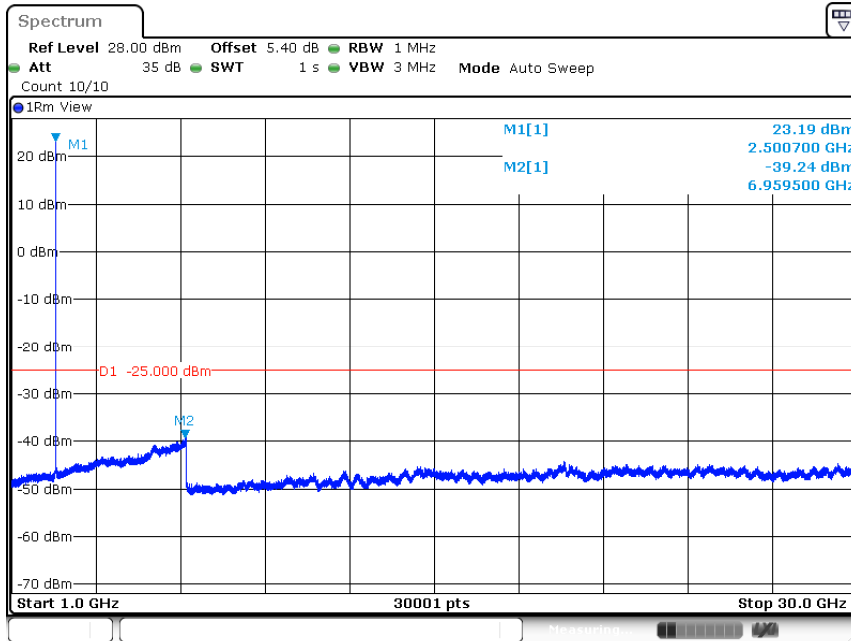


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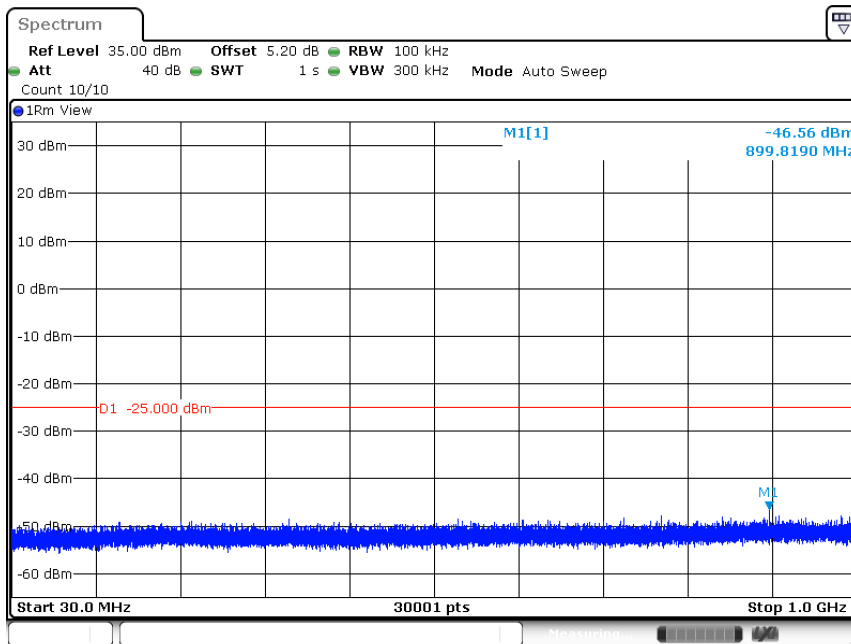
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



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

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

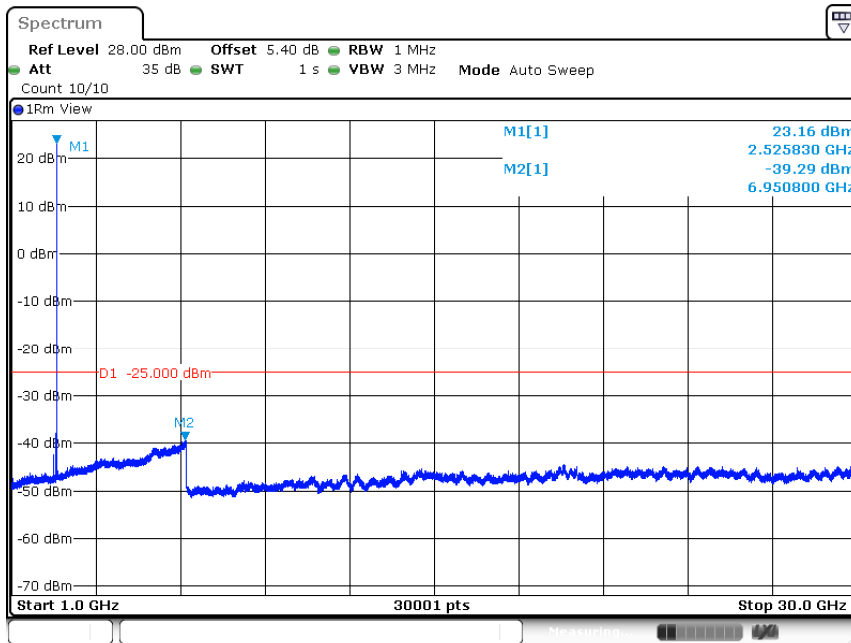


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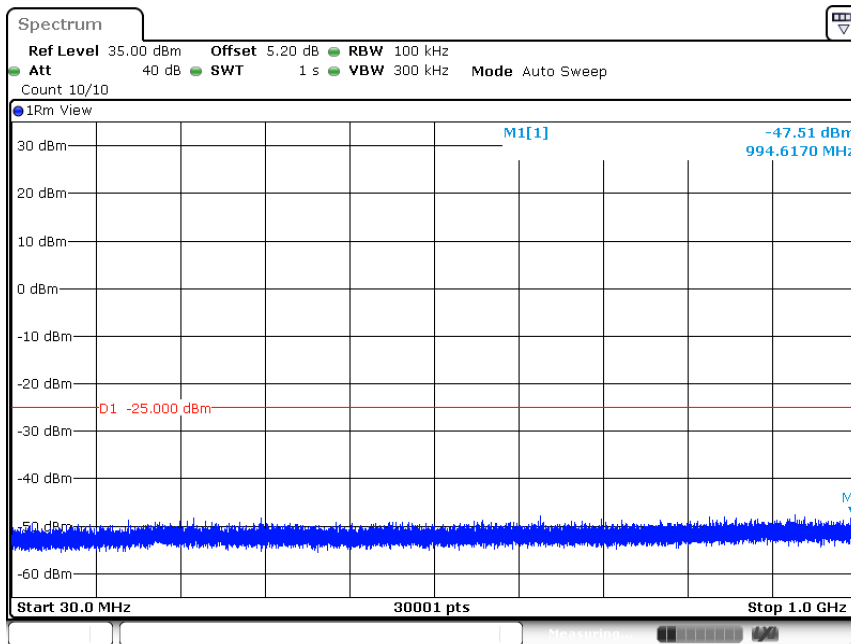
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



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

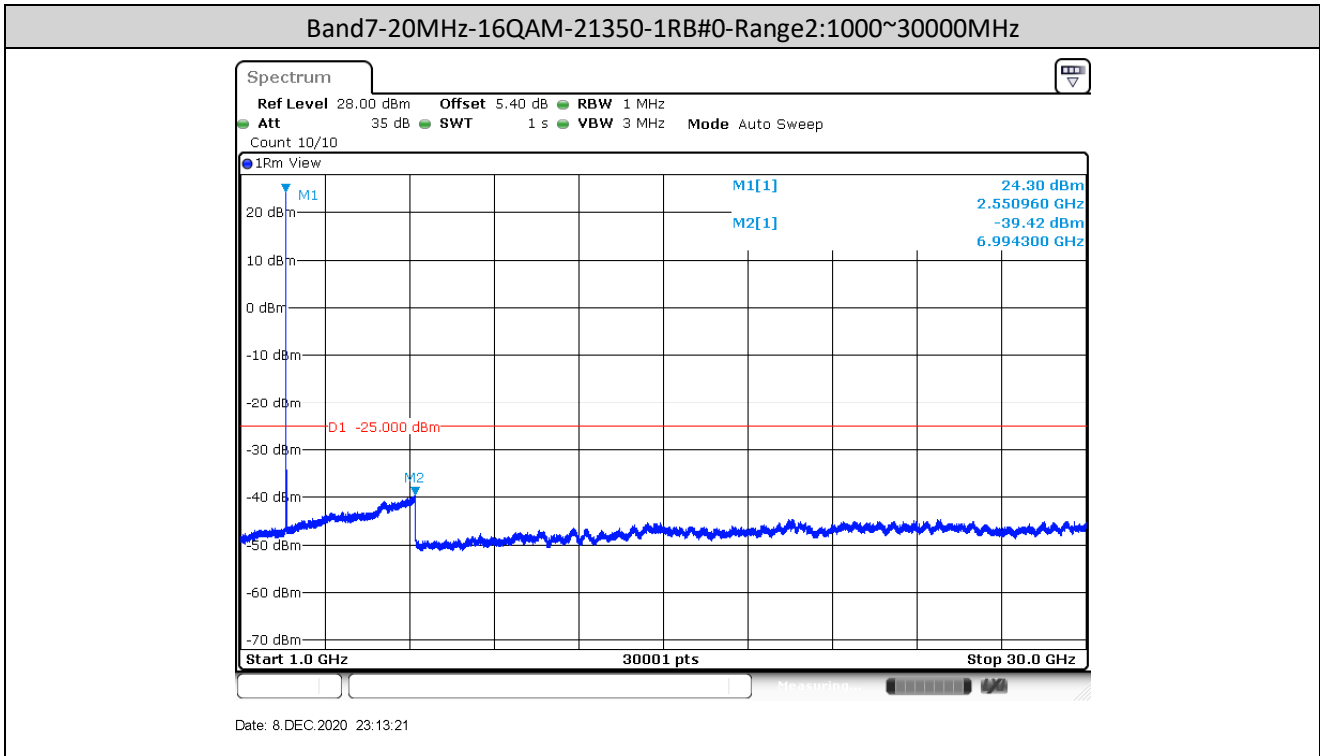
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Date: 8.DEC.2020 23:13:04



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7(ANT4)

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

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

7.1.1.2. Test Channel = MCH

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



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7.1.1.3. Test Channel = HCH

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

7.2. Test Band = LTE Band 7(ANT3)

7.2.1. Test Mode = LTE/TM1 20MHz

7.2.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.300000	-79.43	-25.00	54.43	Vertical
104.300000	-77.31	-25.00	52.31	Vertical
316.950000	-83.78	-25.00	58.78	Vertical
5002.325000	-58.69	-25.00	33.69	Vertical
7503.200000	-44.52	-25.00	19.52	Vertical
10004.400000	-59.26	-25.00	34.26	Vertical
55.600000	-75.28	-25.00	50.28	Horizontal
159.350000	-82.92	-25.00	57.92	Horizontal
333.700000	-83.38	-25.00	58.38	Horizontal
5002.000000	-61.22	-25.00	36.22	Horizontal
7503.200000	-43.71	-25.00	18.71	Horizontal
12505.600000	-58.05	-25.00	33.05	Horizontal



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7.2.1.2. Test Channel = MCH

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

7.2.1.3. Test Channel = HCH

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

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

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



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8.2. Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-4.80	-0.001912	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	1.20	0.000478	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	12.90	0.005139	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	0.20	0.000080	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	9.90	0.003944	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-0.50	-0.000199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	3.60	0.001434	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	0.50	0.000199	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	1.50	0.000598	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	6.00	0.002367	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.40	-0.002130	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-5.10	-0.002012	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-3.30	-0.001302	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-4.20	-0.001657	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-7.30	-0.002880	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-4.80	-0.001893	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-9.60	-0.003787	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-0.10	-0.000039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-0.20	-0.000078	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	2.00	0.000781	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	5.80	0.002266	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	2.10	0.000820	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-0.90	-0.000352	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	9.40	0.003672	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	4.80	0.001875	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-1.20	-0.000478	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	9.50	0.003785	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	3.30	0.001315	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	2.10	0.000837	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	5.00	0.001992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	9.40	0.003745	±2.5	PASS



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Band7	20MHz	16QAM	20850	100RB#0	NV	30	7.20	0.002869	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	4.60	0.001833	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-5.30	-0.002091	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-2.20	-0.000868	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-0.20	-0.000079	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-6.50	-0.002564	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-2.70	-0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	2.60	0.001026	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-1.10	-0.000434	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	1.00	0.000394	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	6.20	0.002422	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-1.30	-0.000508	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	1.90	0.000742	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-0.50	-0.000195	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	4.00	0.001563	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	6.90	0.002695	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	2.50	0.000977	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-1.60	-0.000625	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	3.20	0.001250	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	3.70	0.001474	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	3.40	0.001355	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	4.80	0.001912	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	1.50	0.000598	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	0.80	0.000319	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	0.70	0.000279	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	2.70	0.001076	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	3.50	0.001394	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	29.30	0.011558	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	40.10	0.015819	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	65.60	0.025878	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	70.60	0.027850	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	46.60	0.018383	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	49.90	0.019684	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	36.90	0.014556	±2.5	PASS



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



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