



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

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



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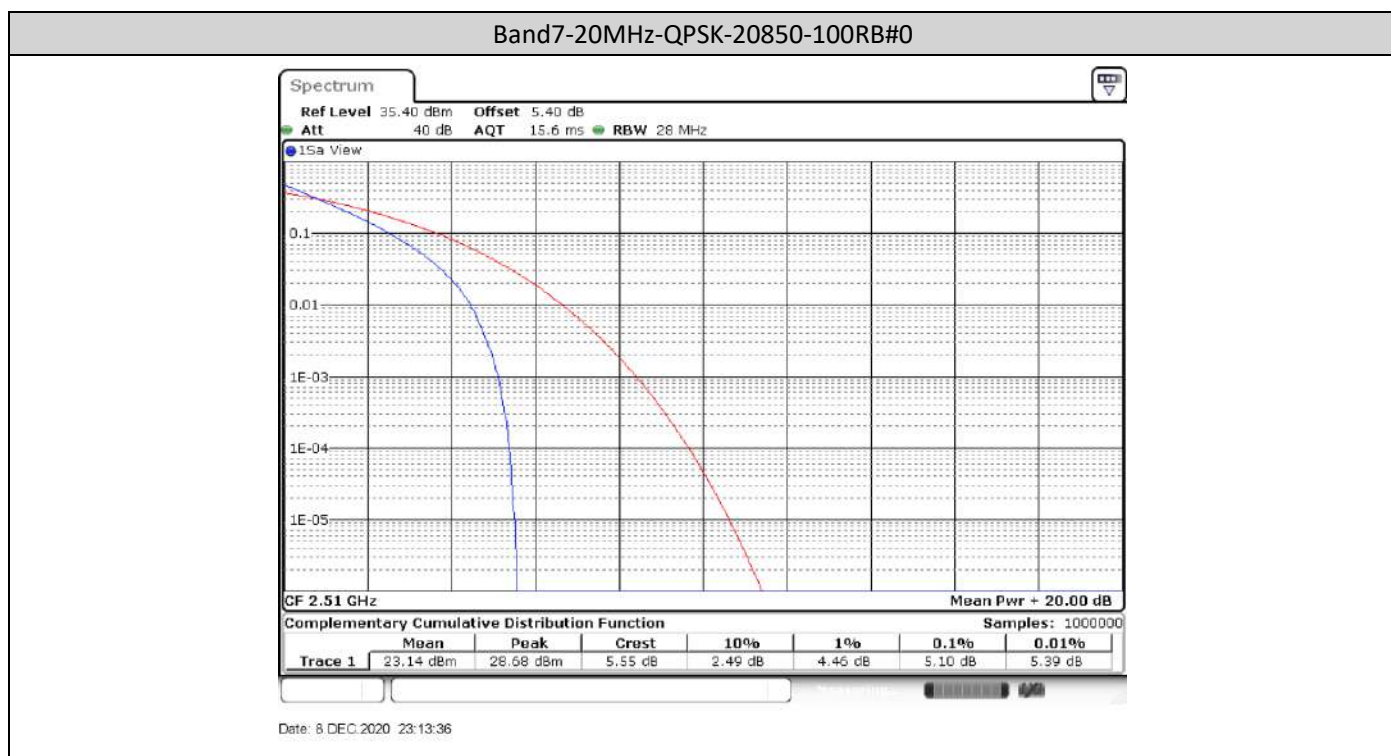


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

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

2.2. Test Plots

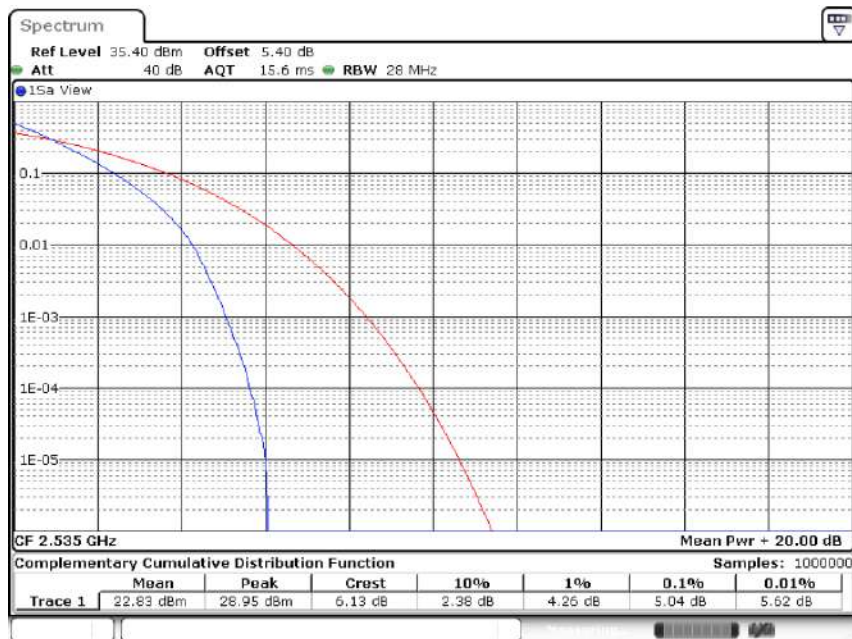


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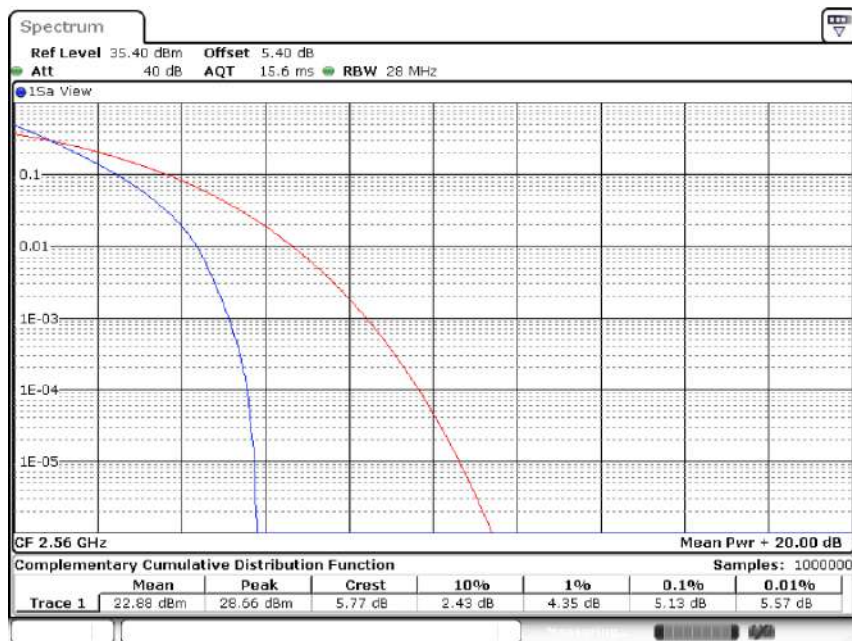
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Band7-20MHz-QPSK-21100-100RB#0



Date: 8 DEC. 2020 23:13:59

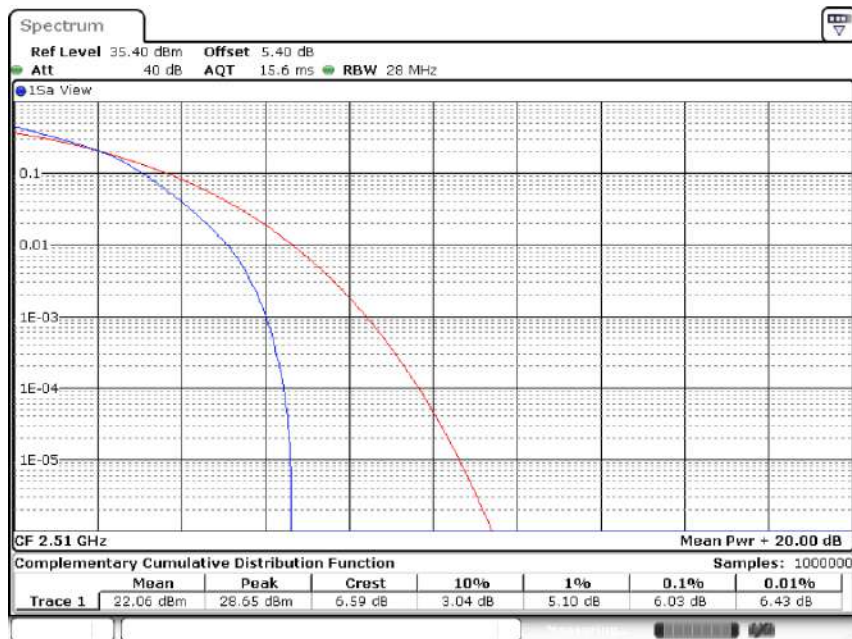
Band7-20MHz-QPSK-21350-100RB#0



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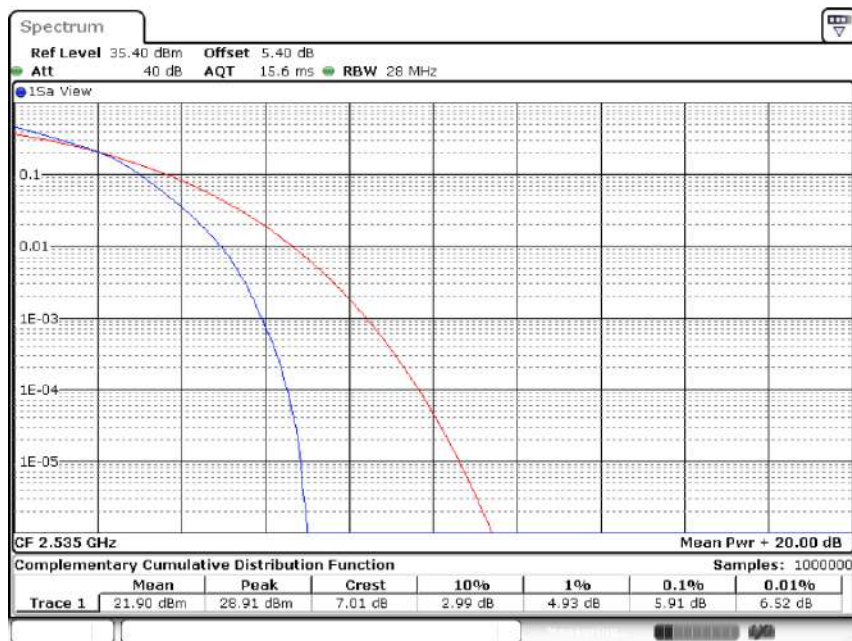


Band7-20MHz-64QAM-20850-100RB#0



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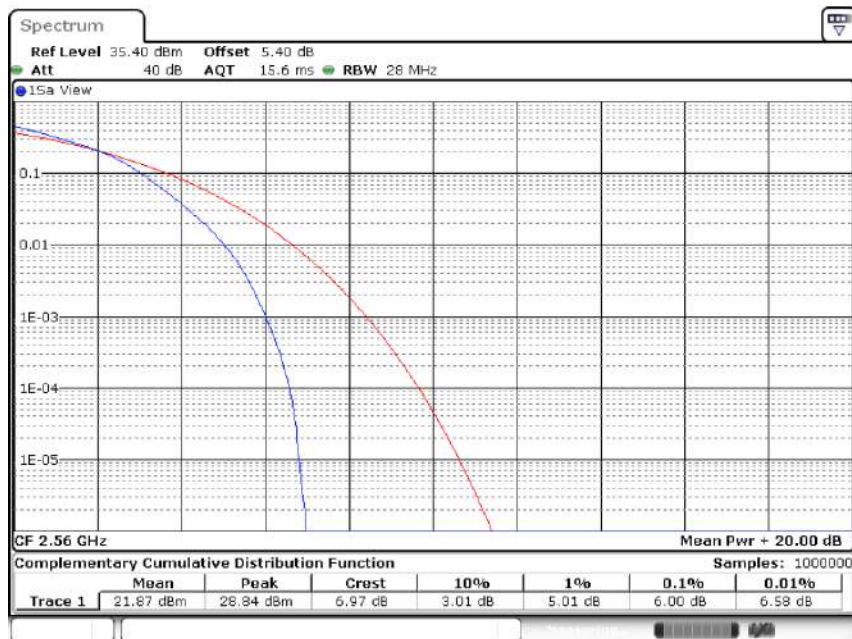
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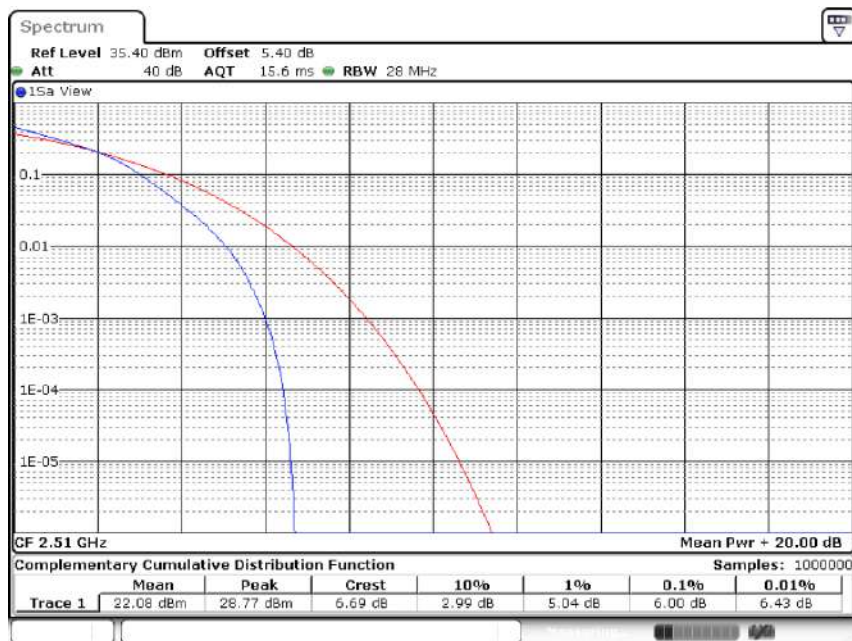


Band7-20MHz-64QAM-21350-100RB#0



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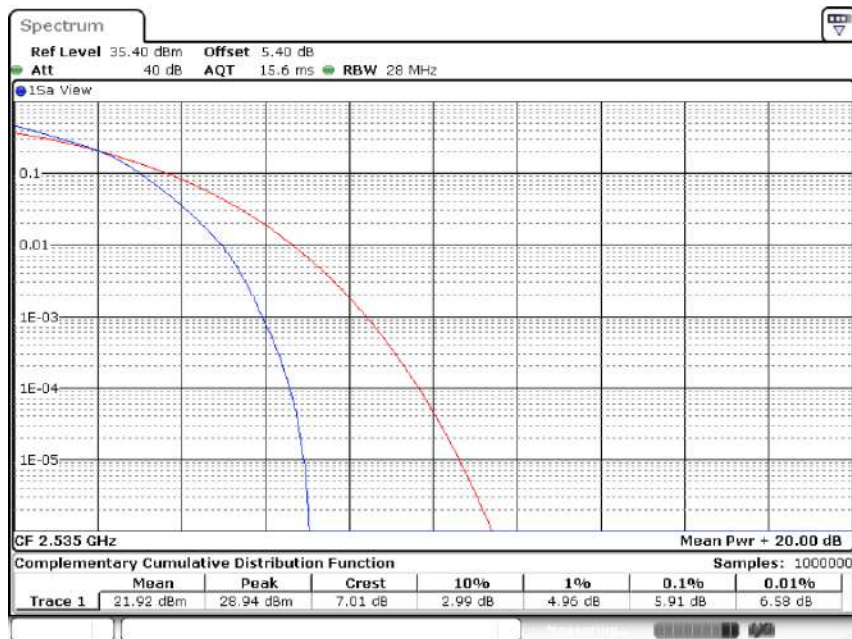
Band7-20MHz-16QAM-20850-100RB#0



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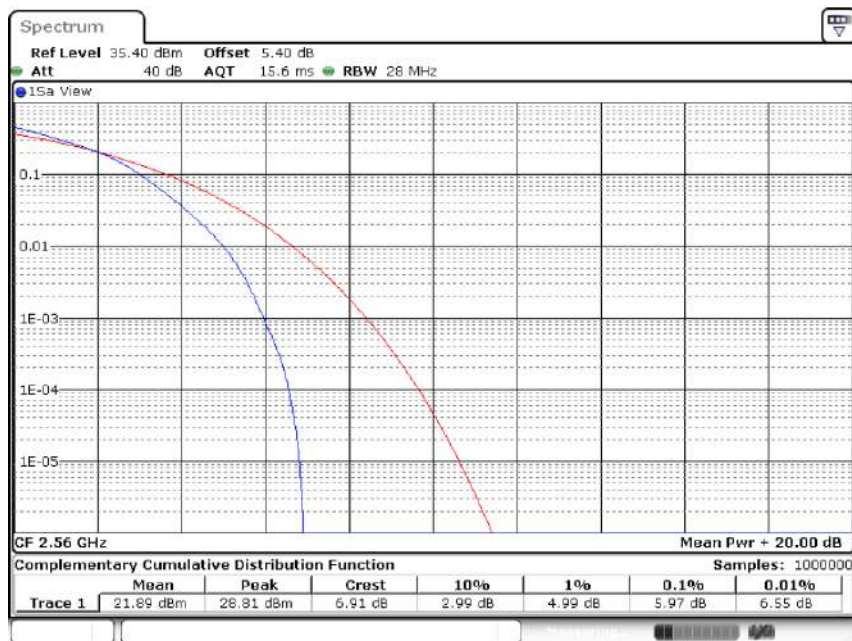


Band7-20MHz-16QAM-21100-100RB#0



Date: 8 DEC. 2020 23:14:11

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



Date: 8 DEC. 2020 23:14:34

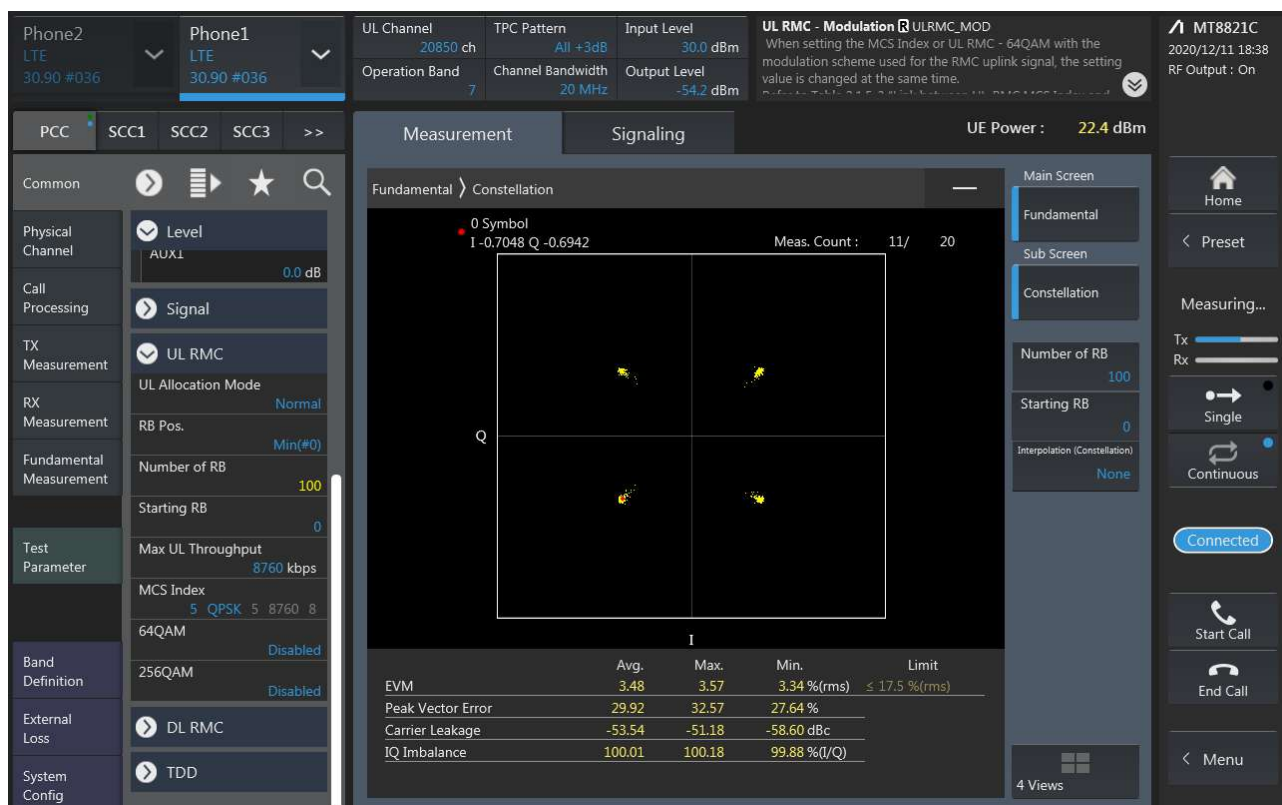


3. Modulation Characteristics

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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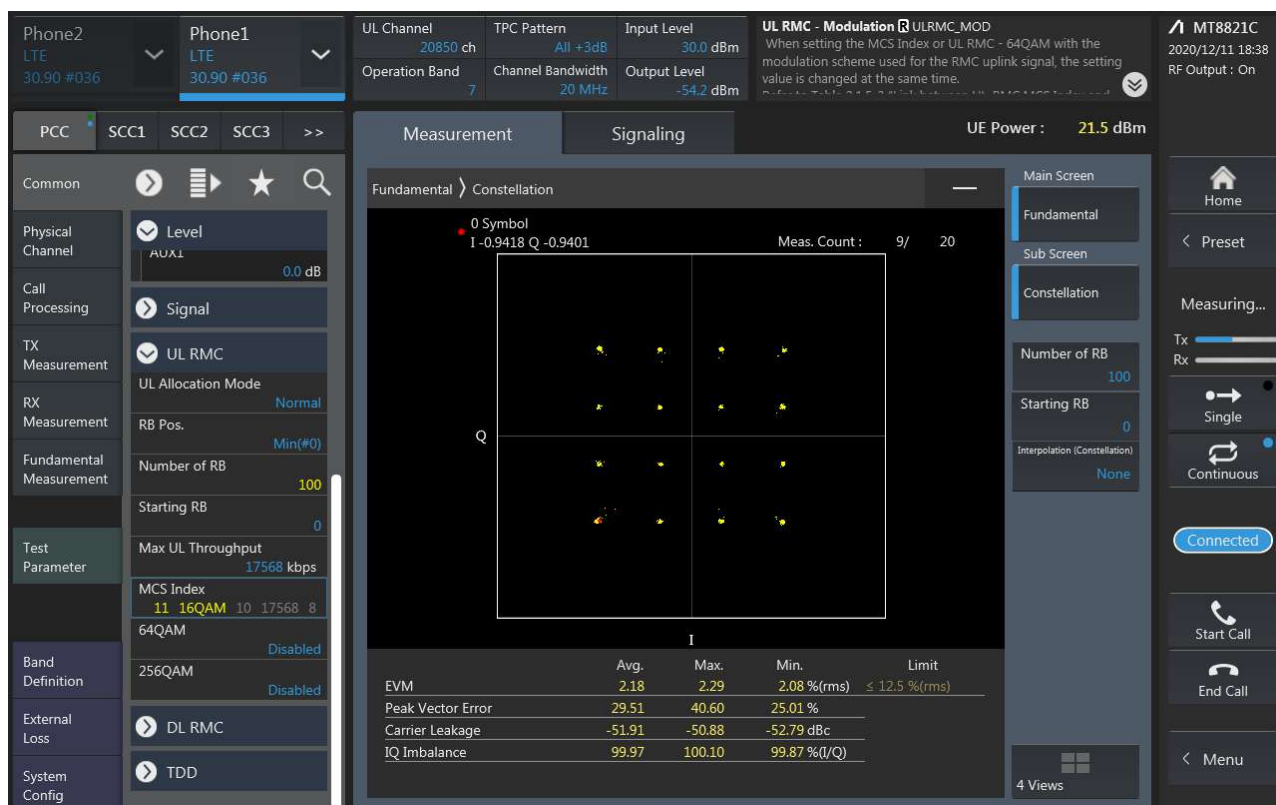
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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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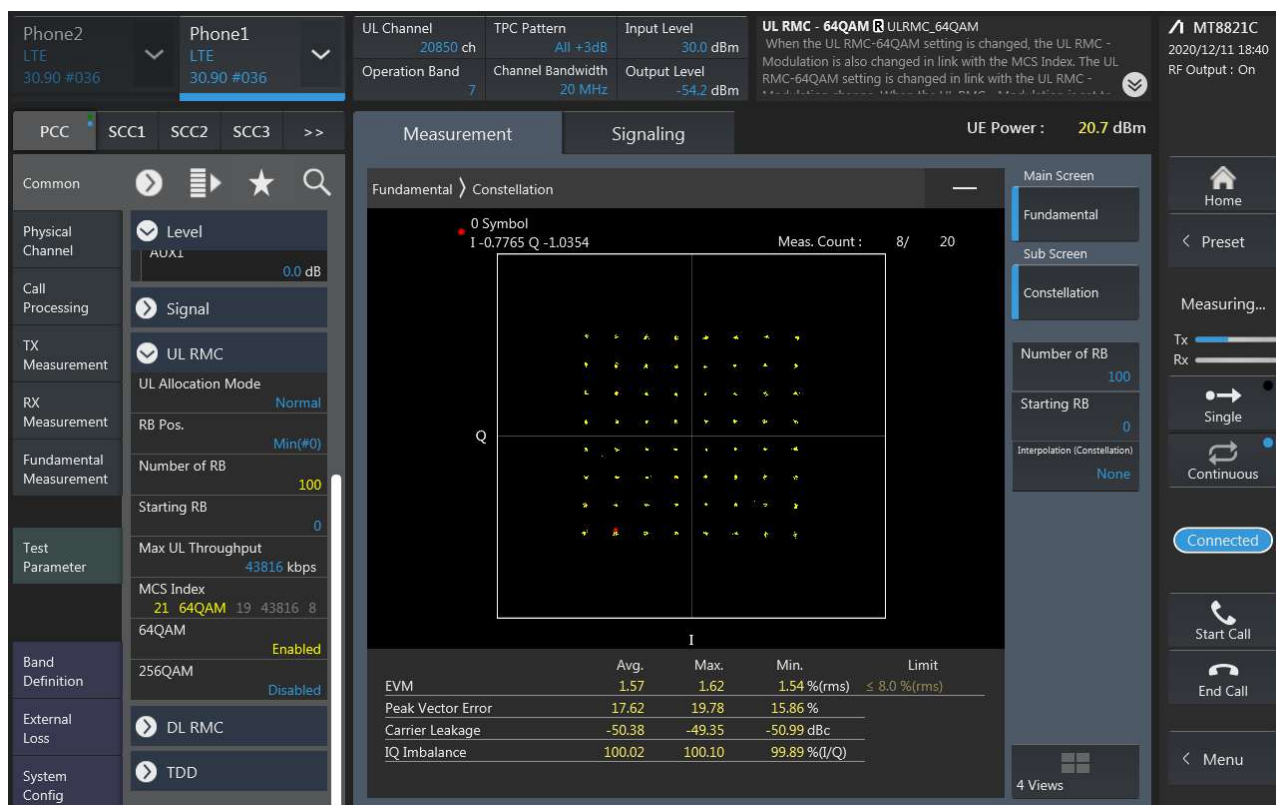
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3.1.3. Test Mode = LTE /TM3 20MHz

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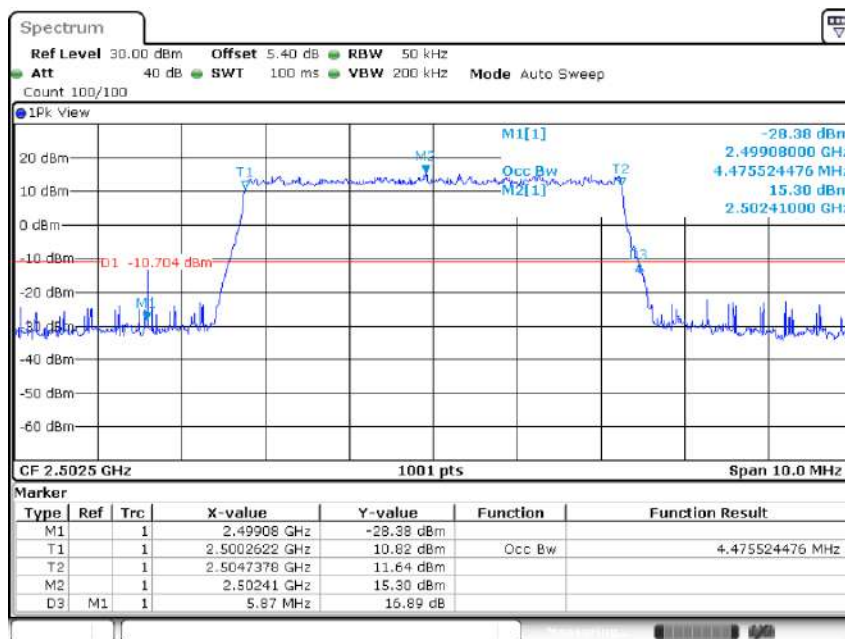
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Band7	20MHz	64QAM	21100	100RB#0	17.902	26.560	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.400	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.822	21.080	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.822	25.200	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.480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

4.2. Test Plots

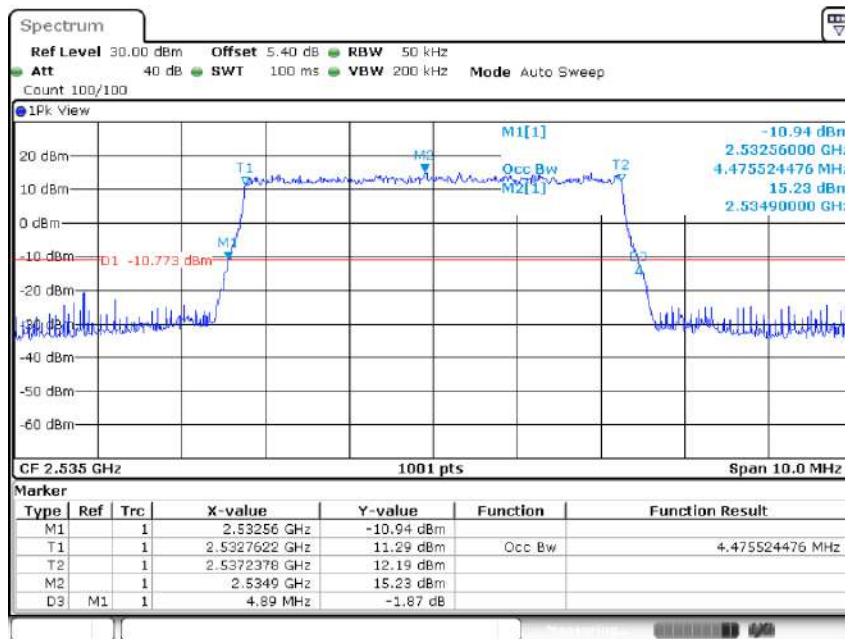
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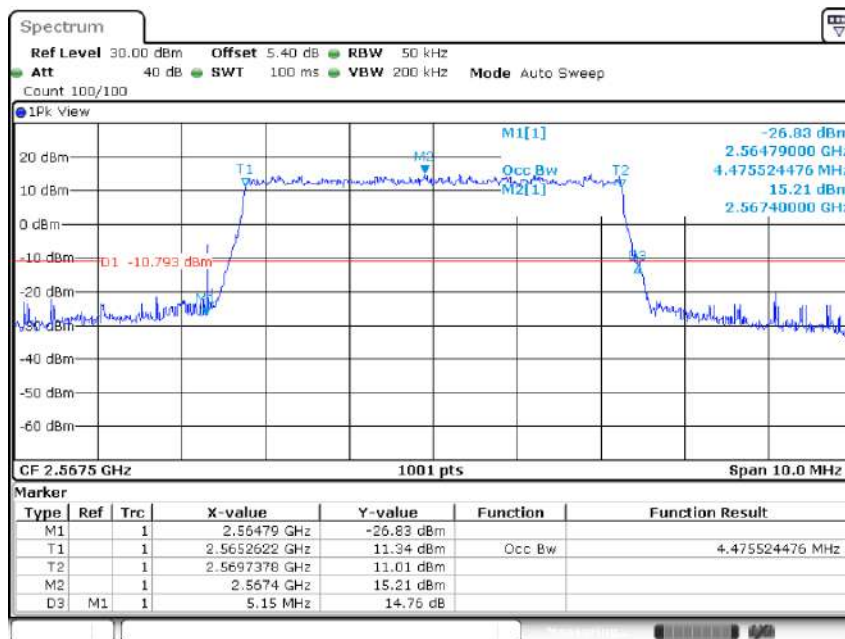


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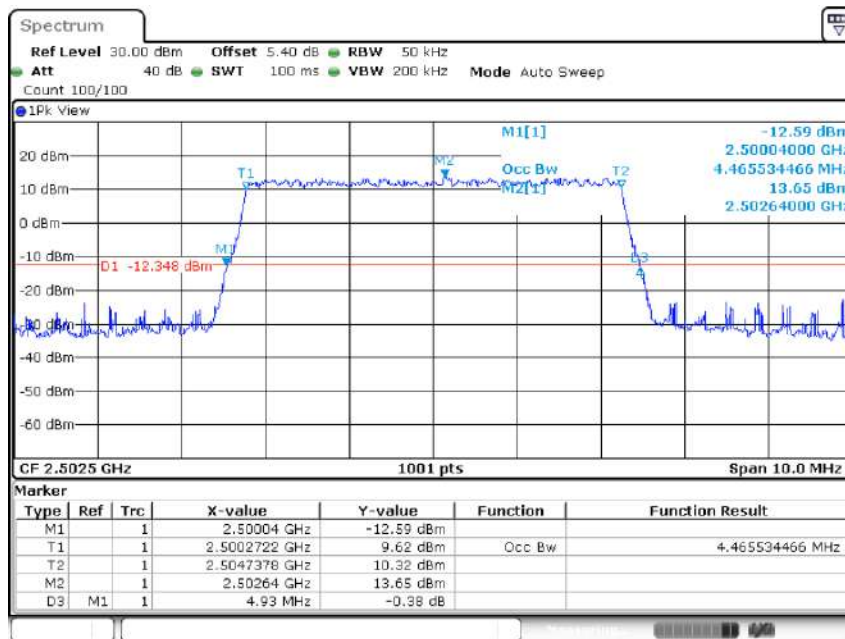
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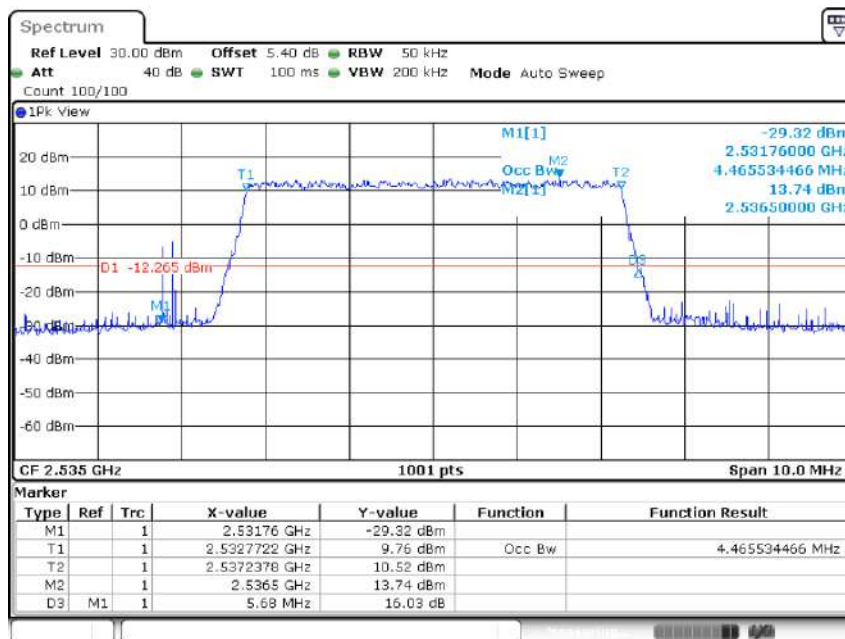


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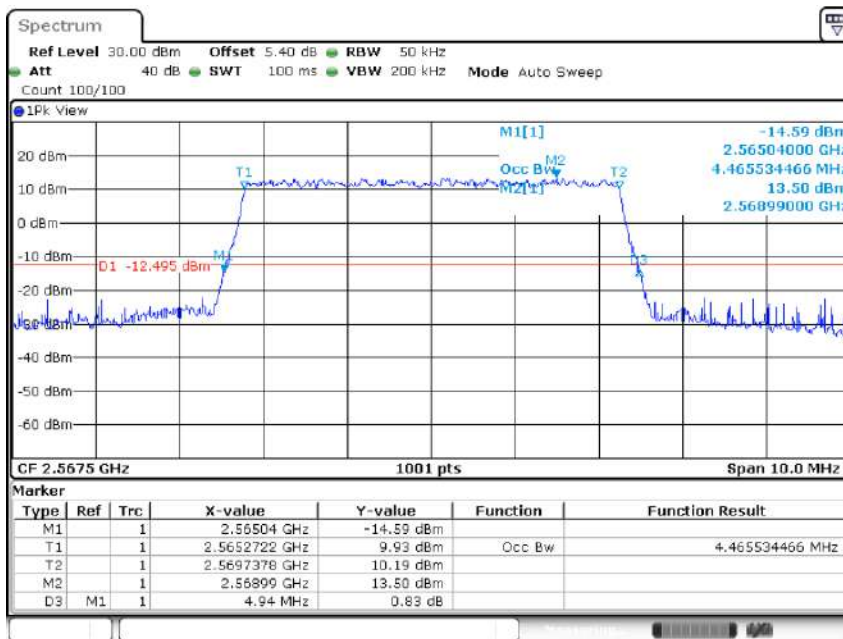
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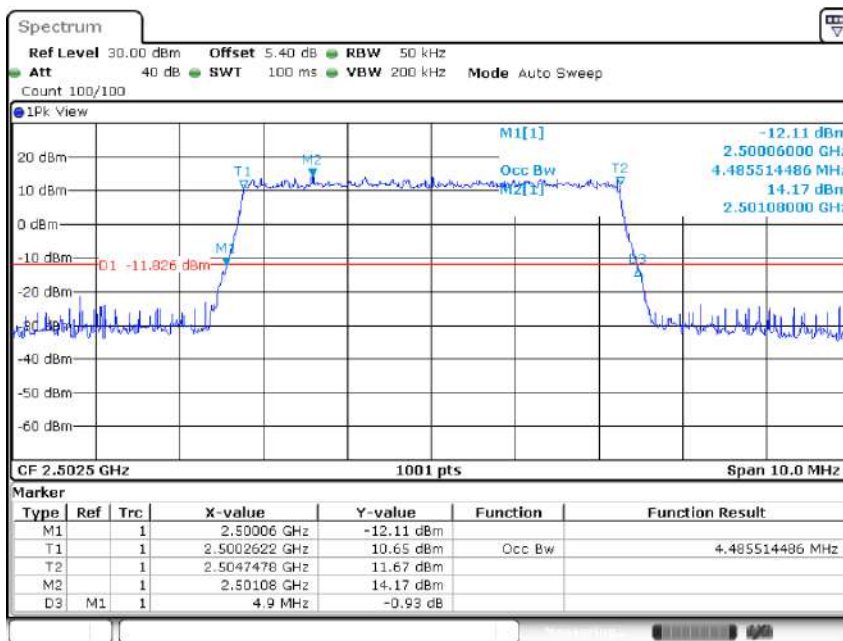


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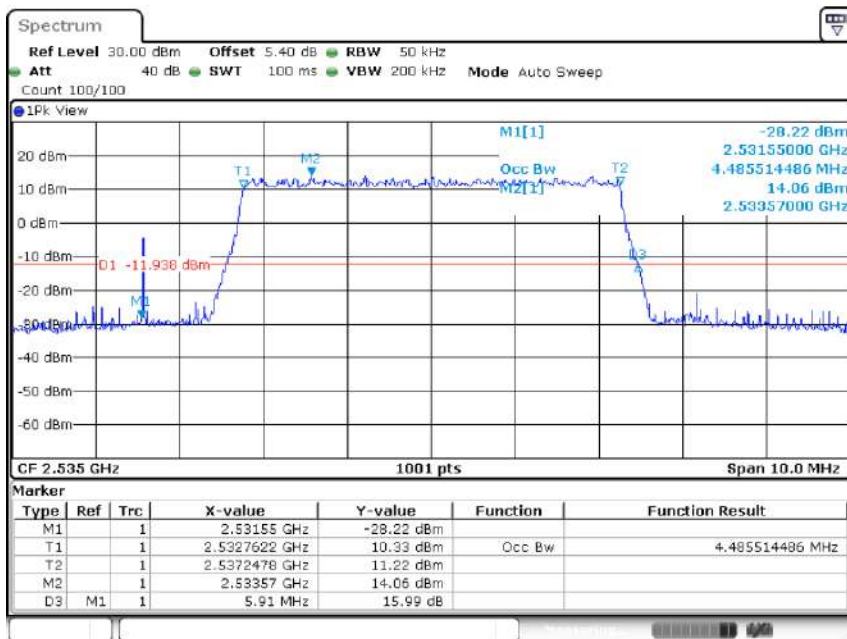
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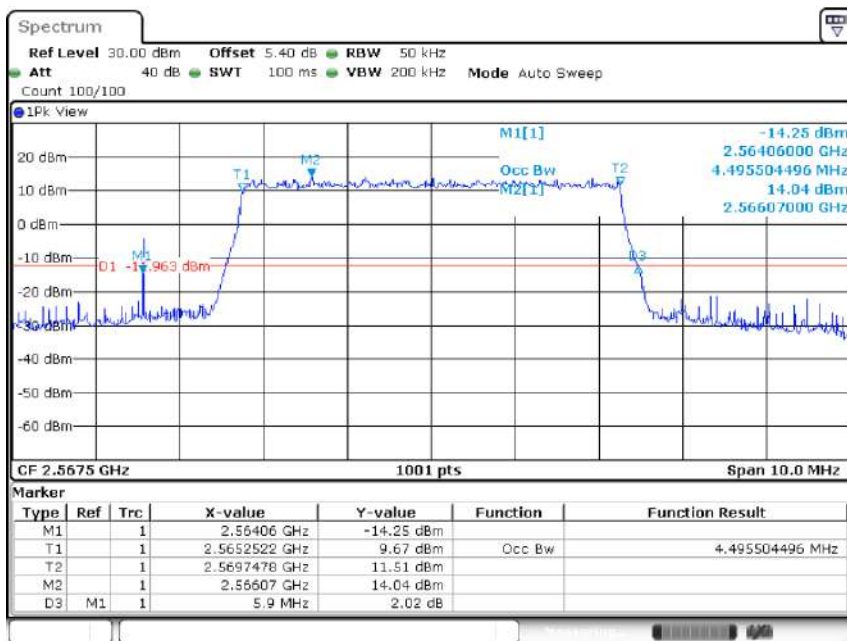


Band7-5MHz-16QAM-21100-25RB#0-4.486



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



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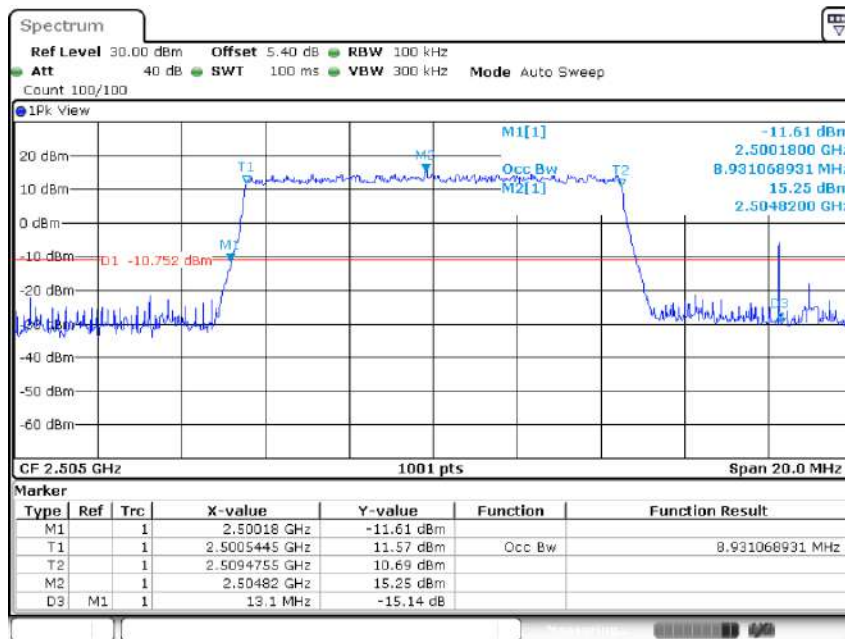
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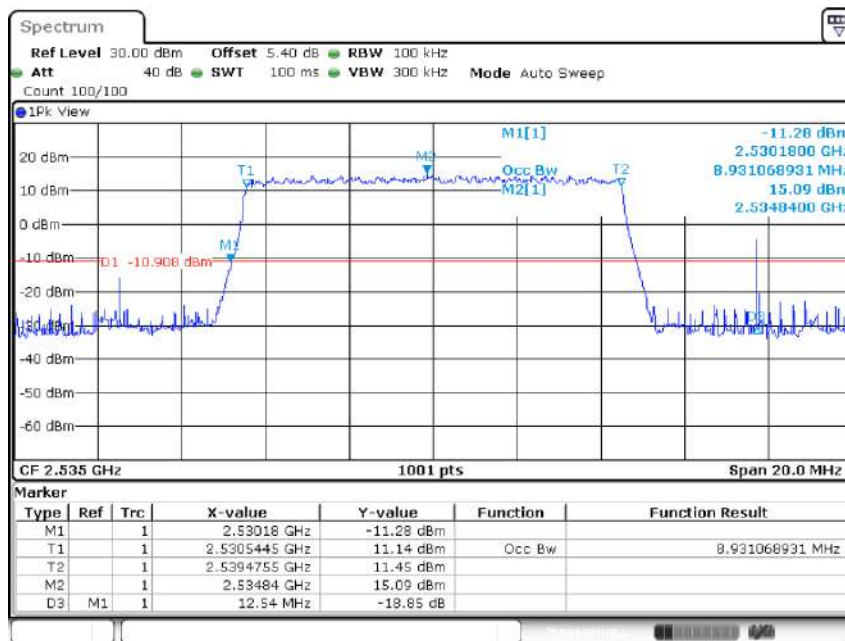
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Band7-10MHz-QPSK-20800-50RB#0-8.931



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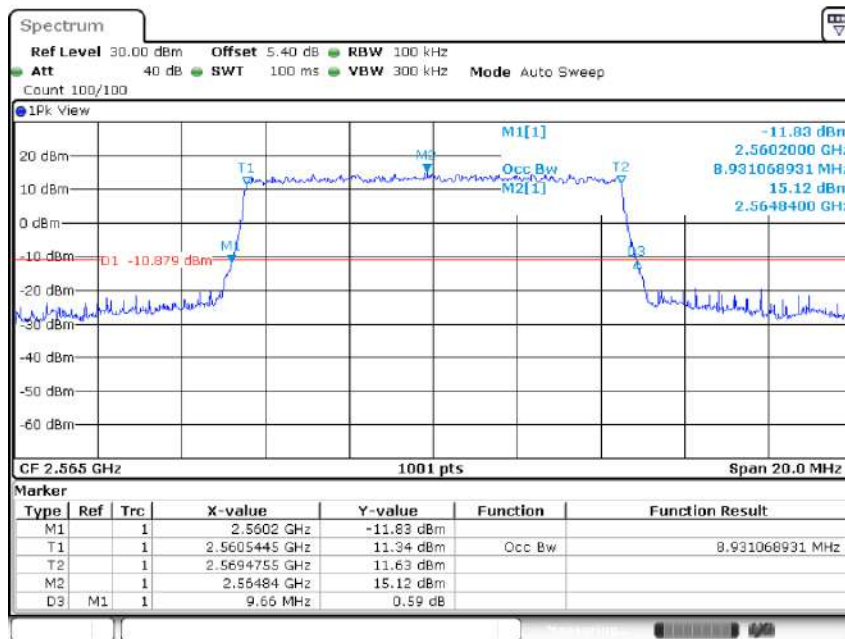
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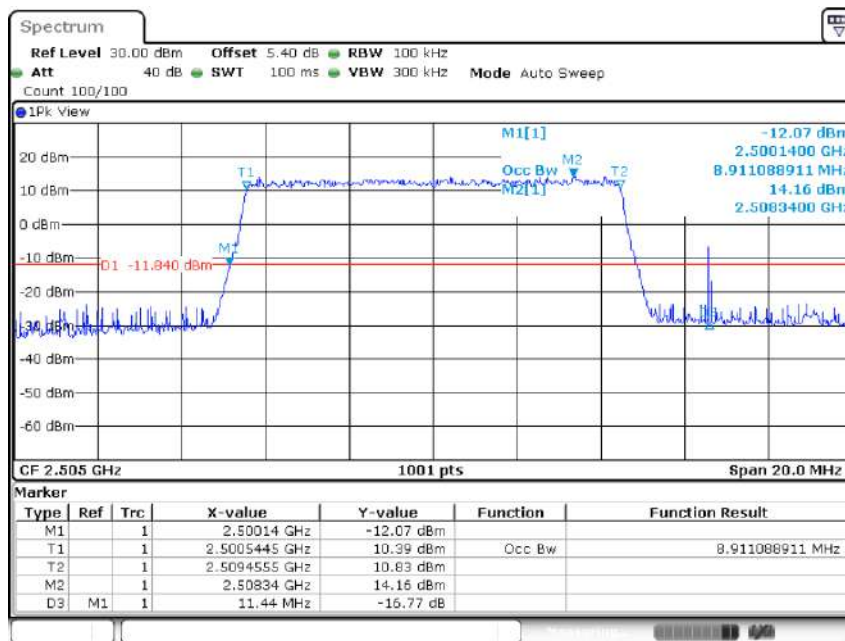


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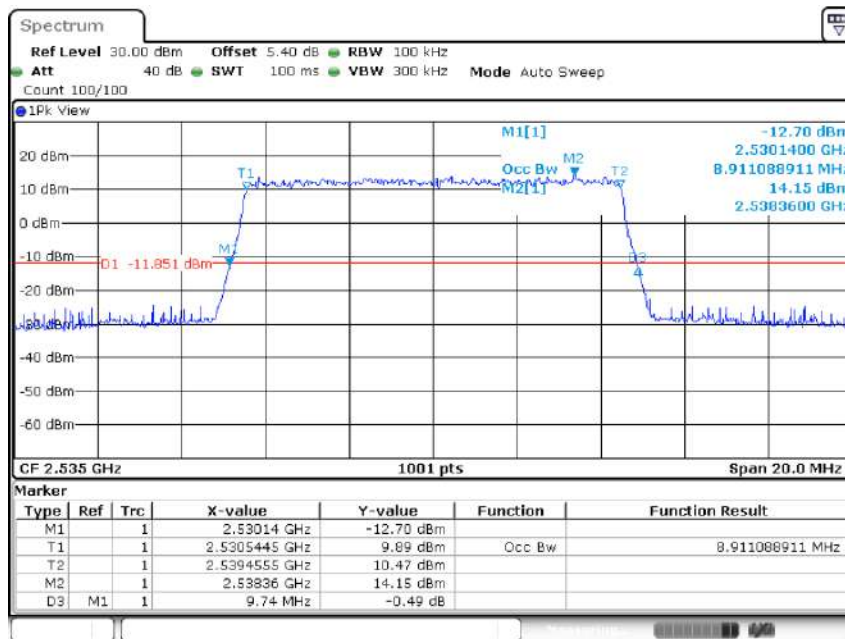
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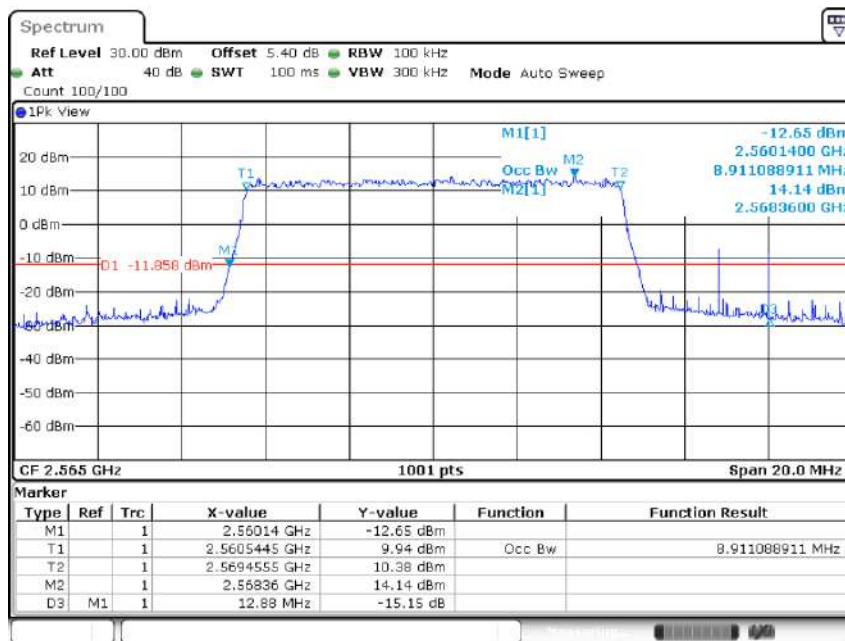


Band7-10MHz-64QAM-21100-50RB#0-8.911



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



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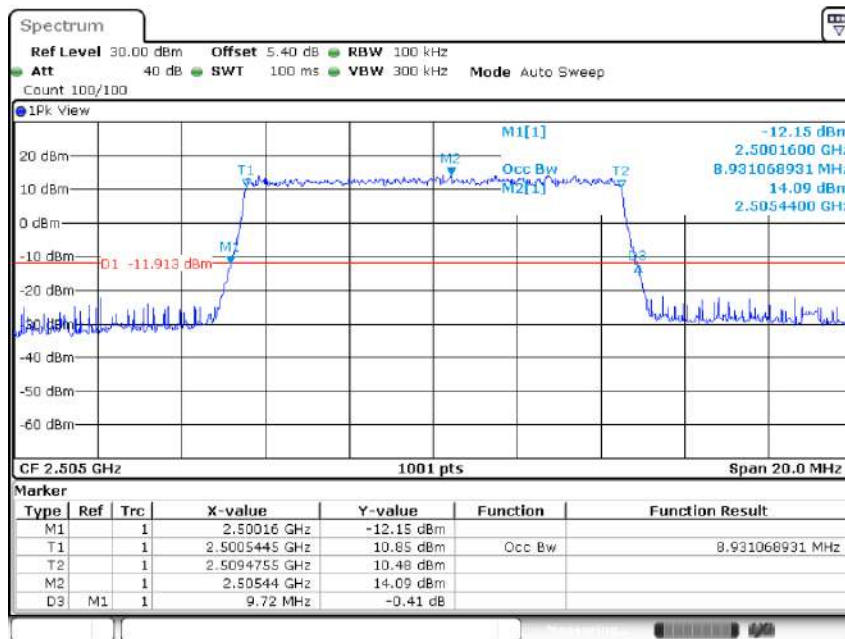
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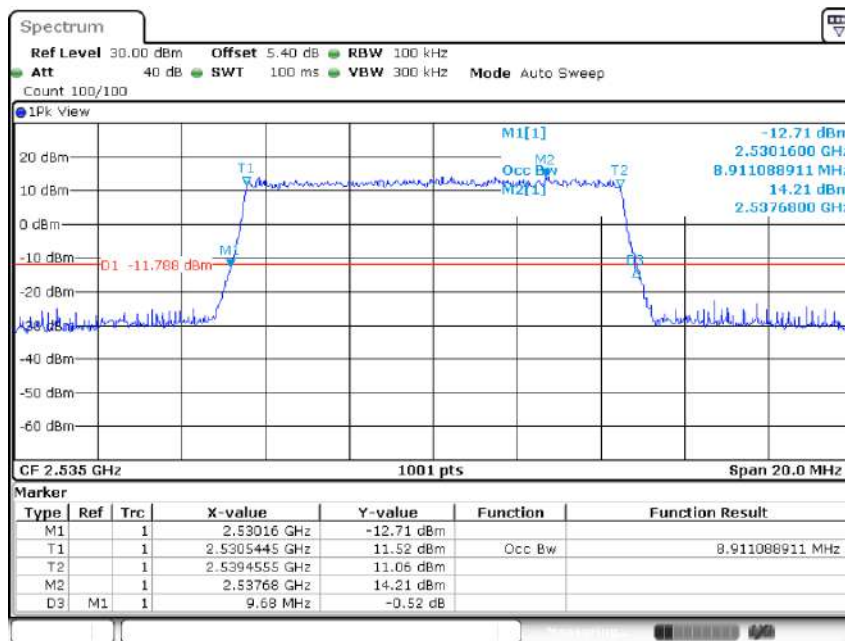
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Band7-10MHz-16QAM-20800-50RB#0-8.931



Date: 8 DEC. 2020 22:52:01

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



Date: 8 DEC. 2020 22:52:41

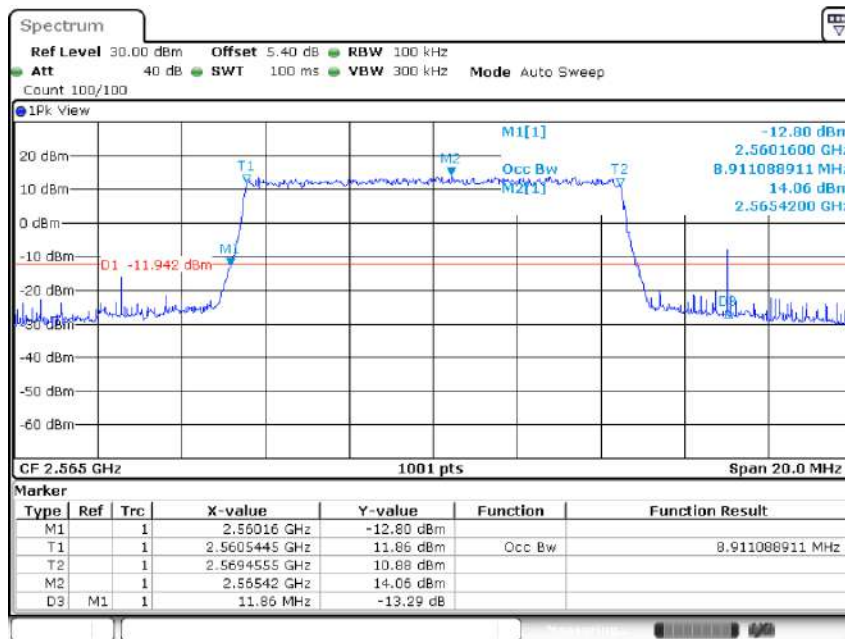


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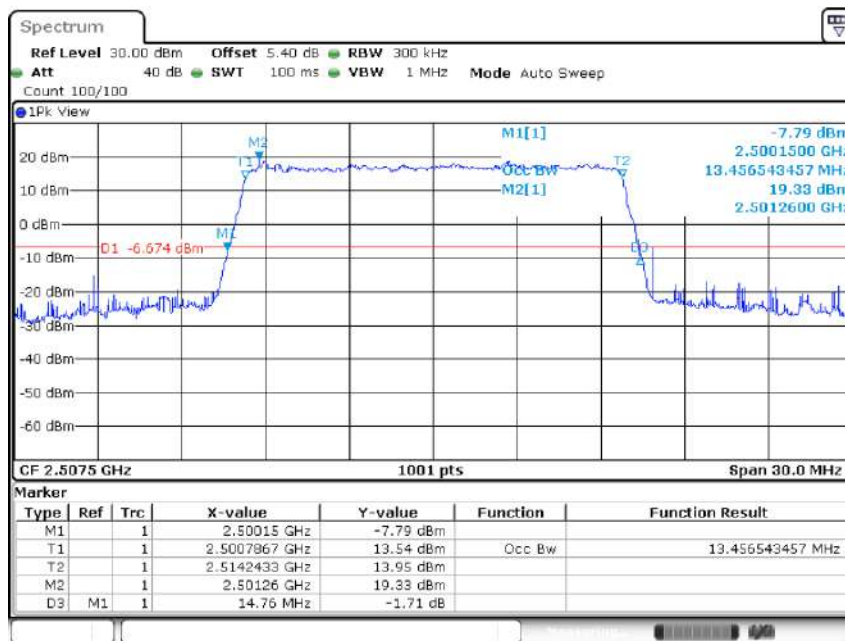
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Band7-10MHz-16QAM-21400-50RB#0-8.911



Date: 8 DEC. 2020 22:53:20

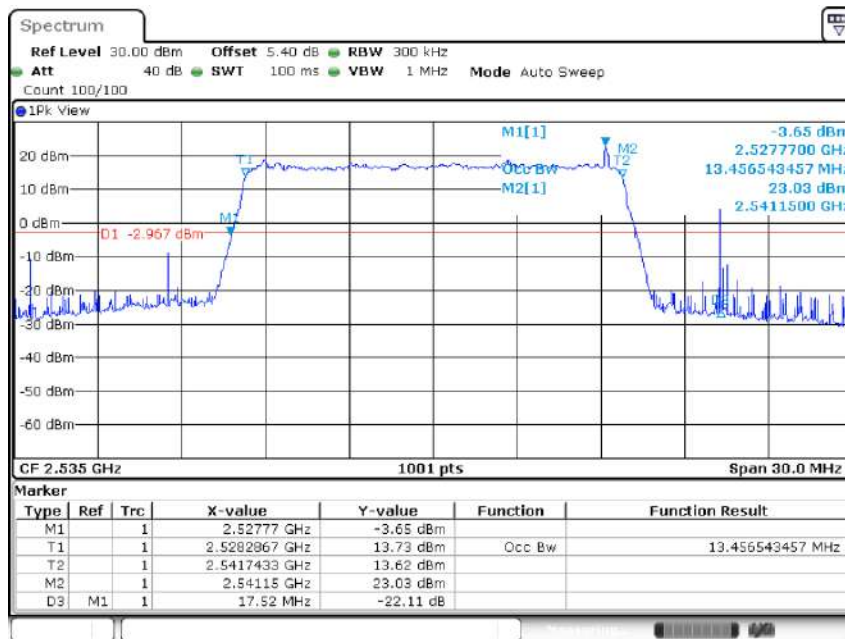
Band7-15MHz-QPSK-20825-75RB#0-13.457



Date: 8 DEC. 2020 22:53:45

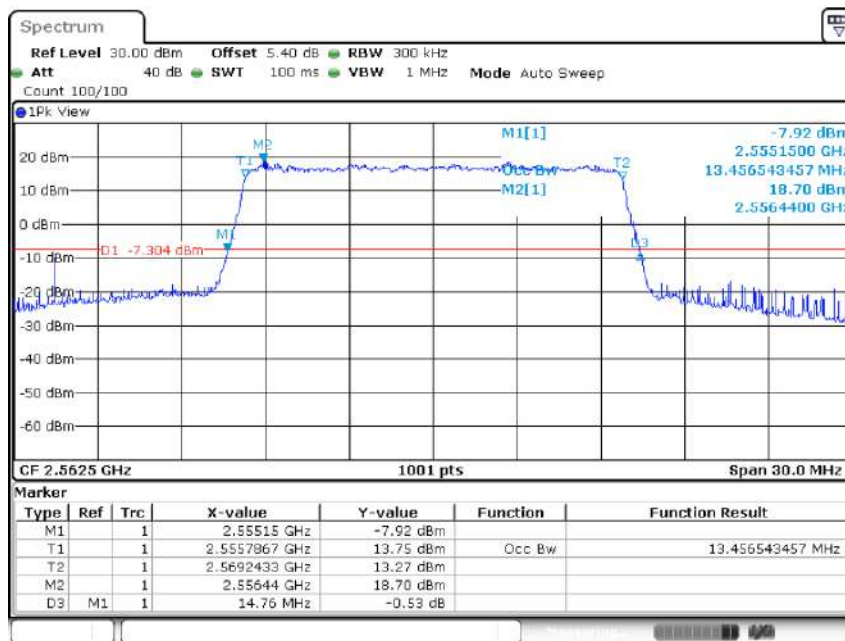


Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 8 DEC. 2020 22:54:25

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



Date: 8 DEC. 2020 22:55:05

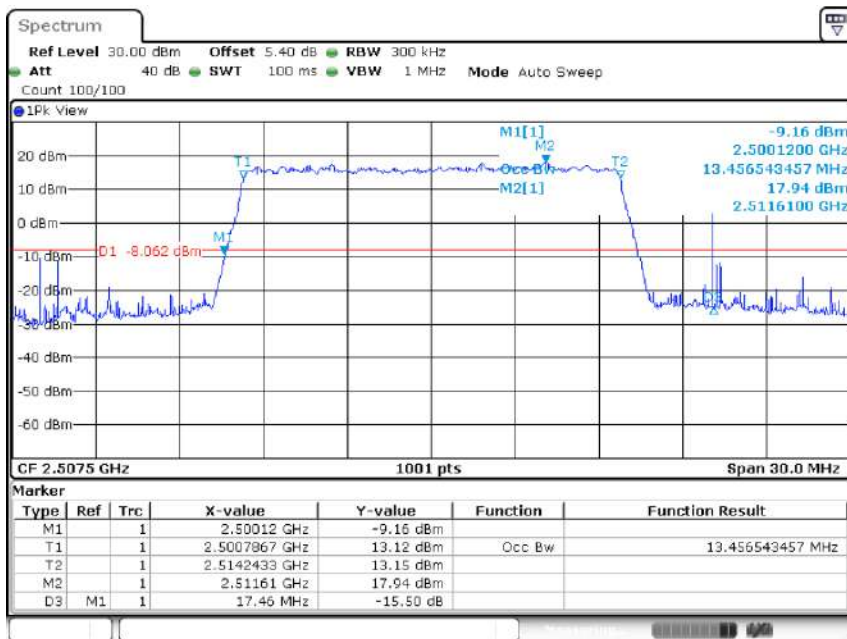


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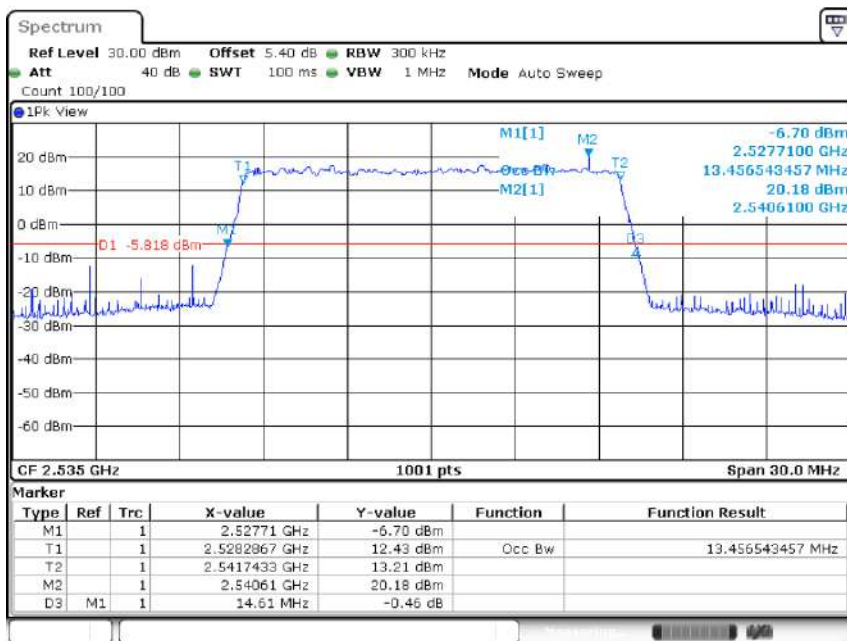
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Band7-15MHz-64QAM-20825-75RB#0-13.457



Date: 9 DEC. 2020 00:35:37

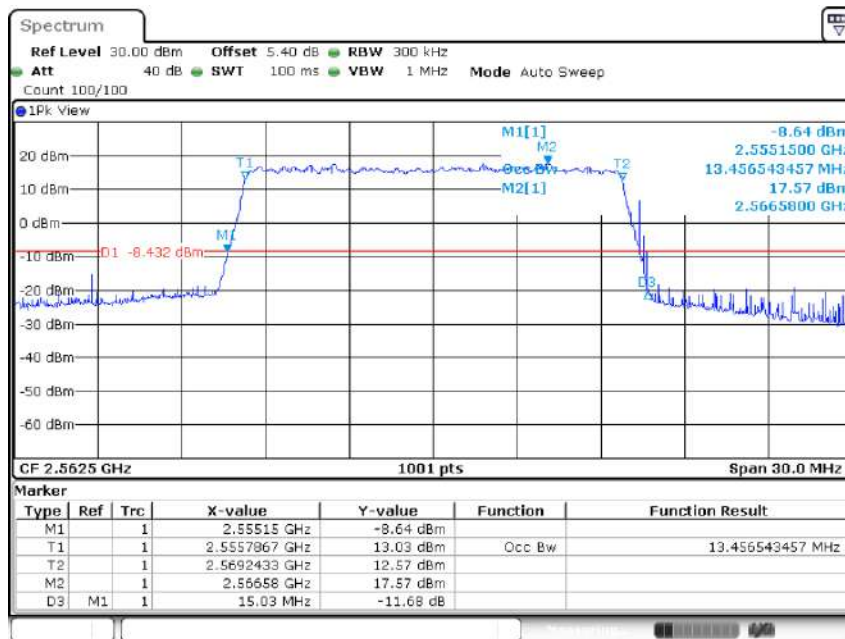
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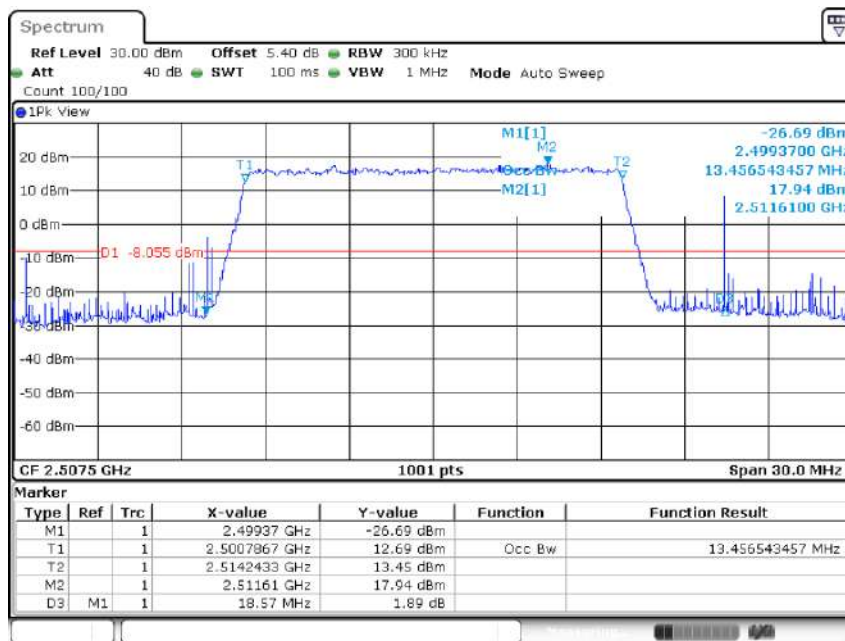


Band7-15MHz-64QAM-21375-75RB#0-13.457



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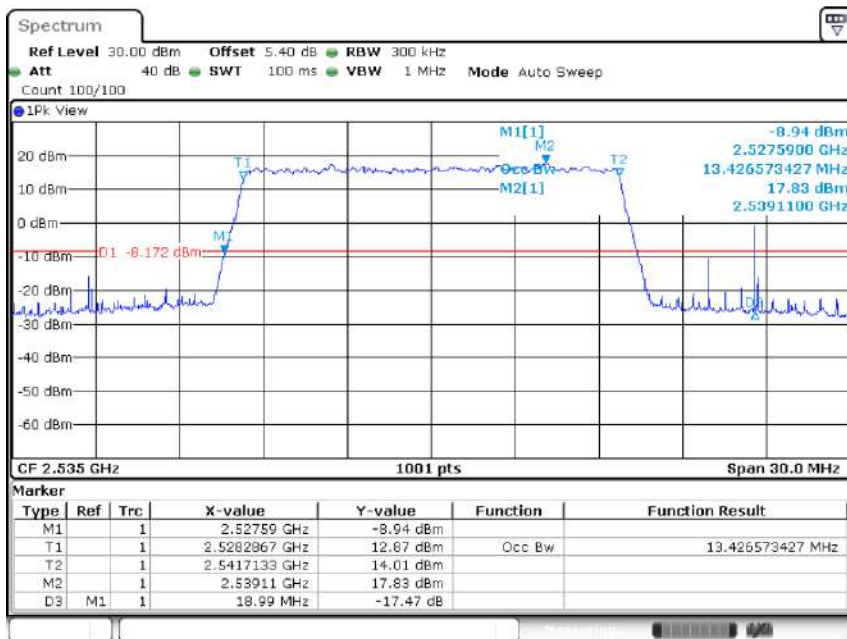
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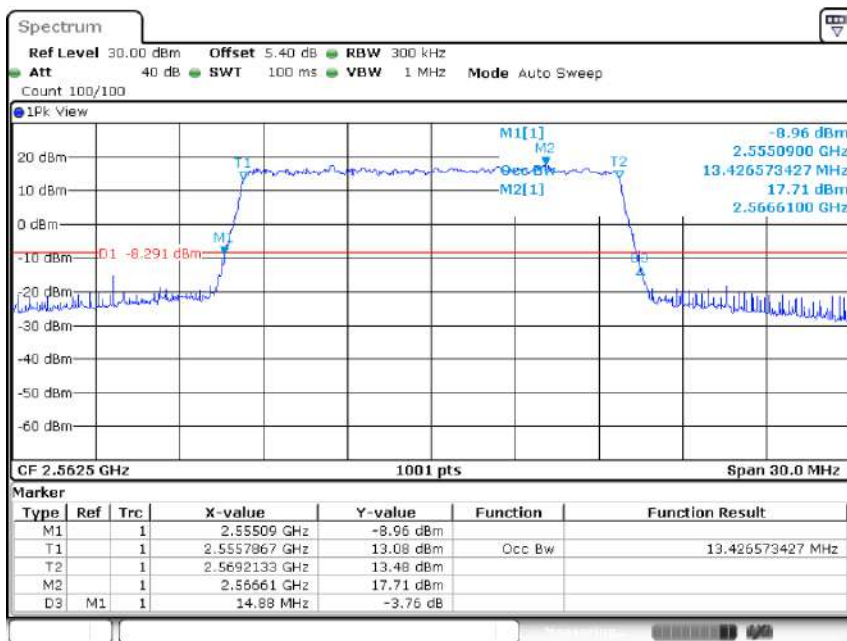


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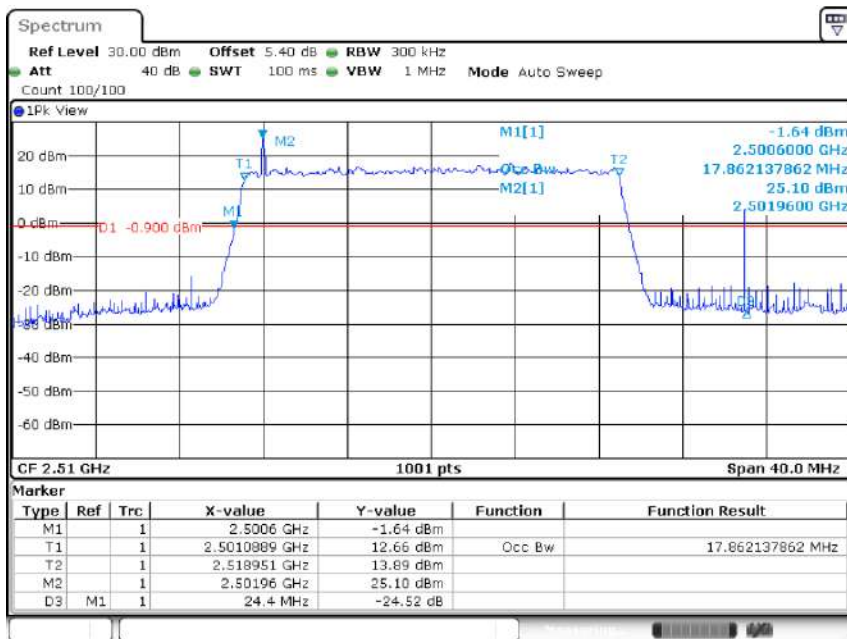
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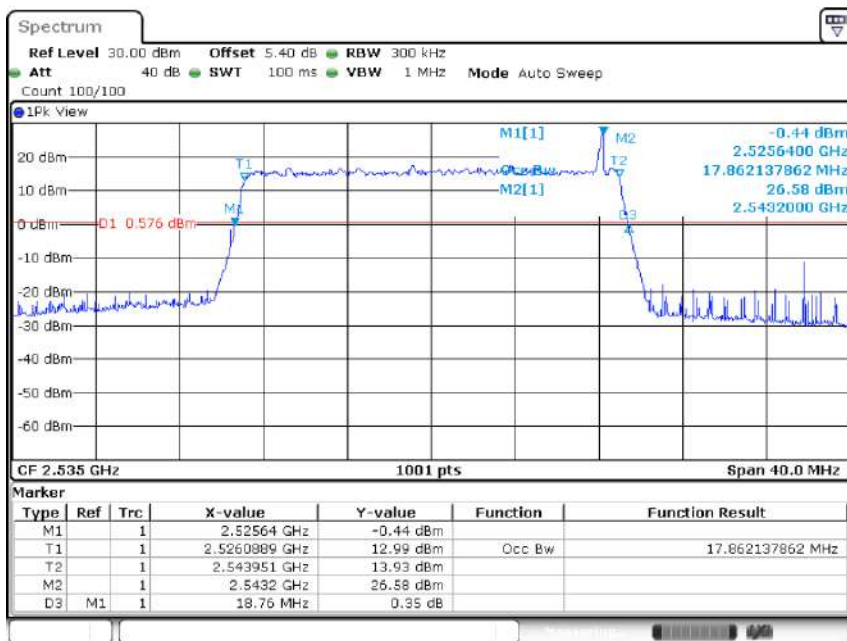


Band7-20MHz-QPSK-20850-100RB#0-17.862



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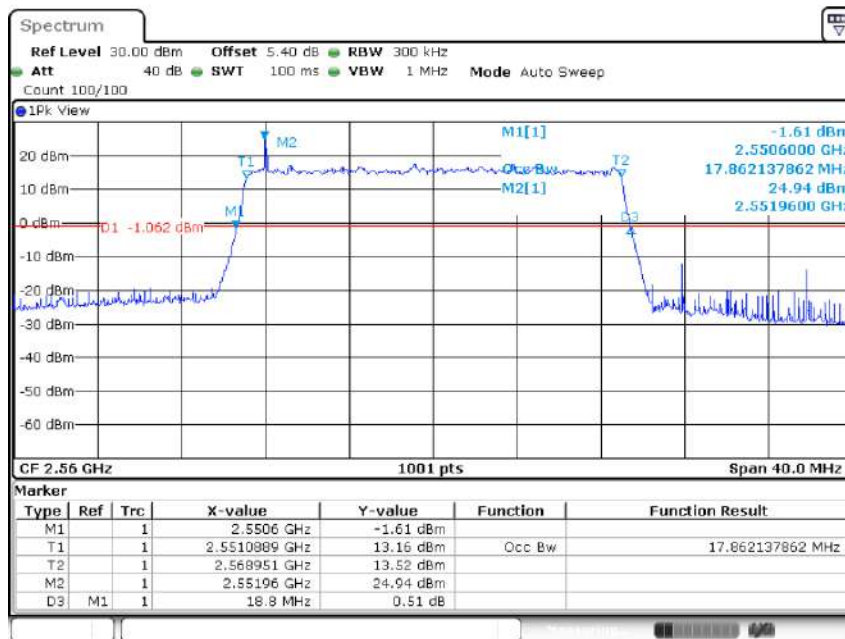
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Date: 8 DEC. 2020 22:56:29

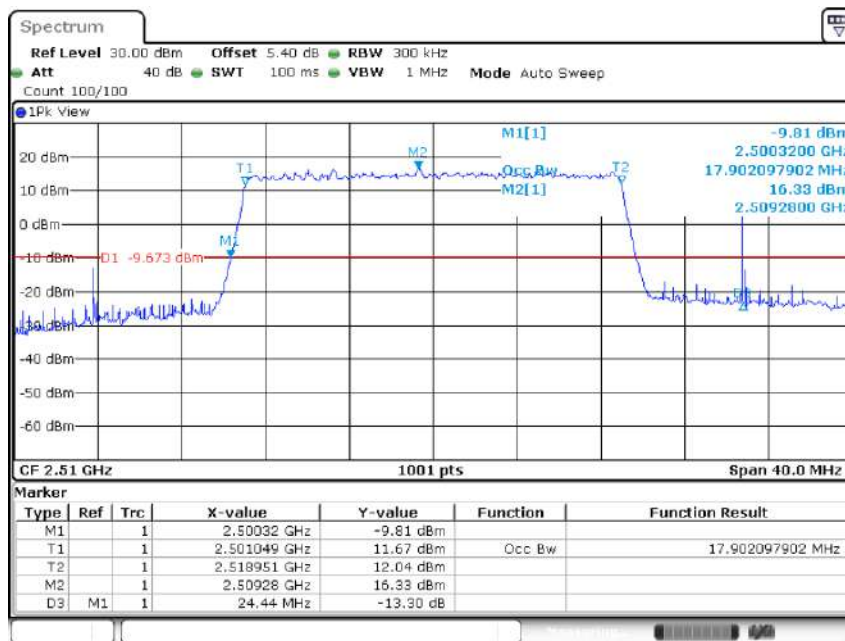


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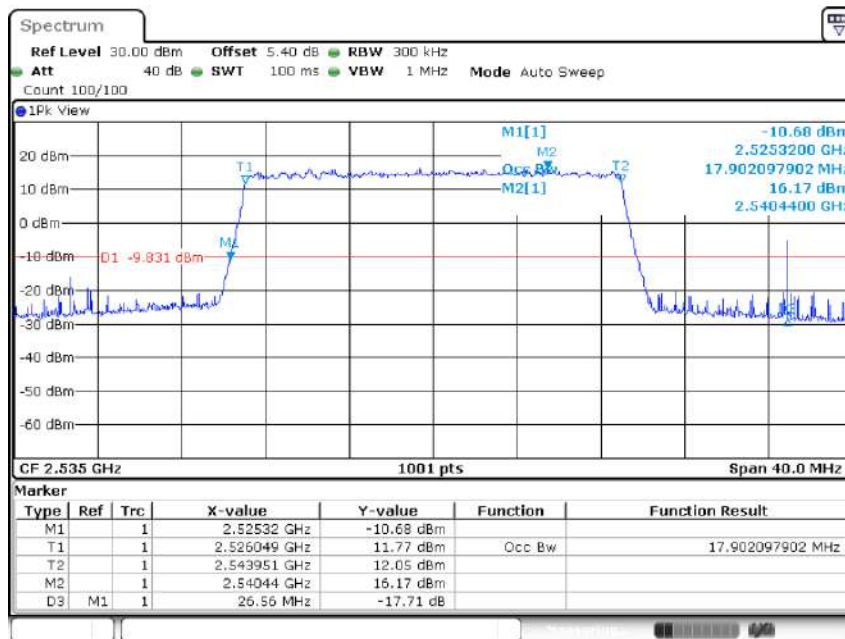
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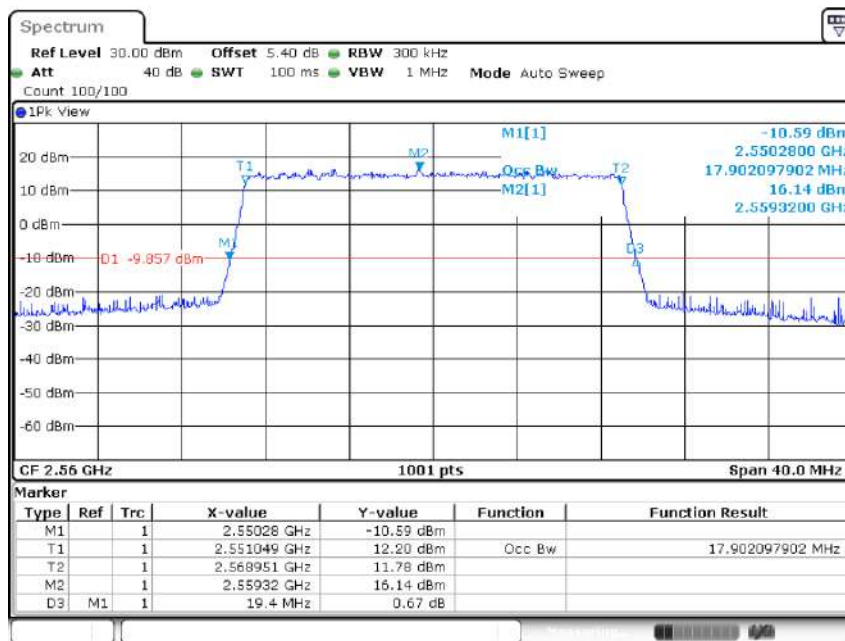


Band7-20MHz-64QAM-21100-100RB#0-17.902



Date: 9 DEC. 2020 00:37:02

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



Date: 9 DEC. 2020 00:37:22

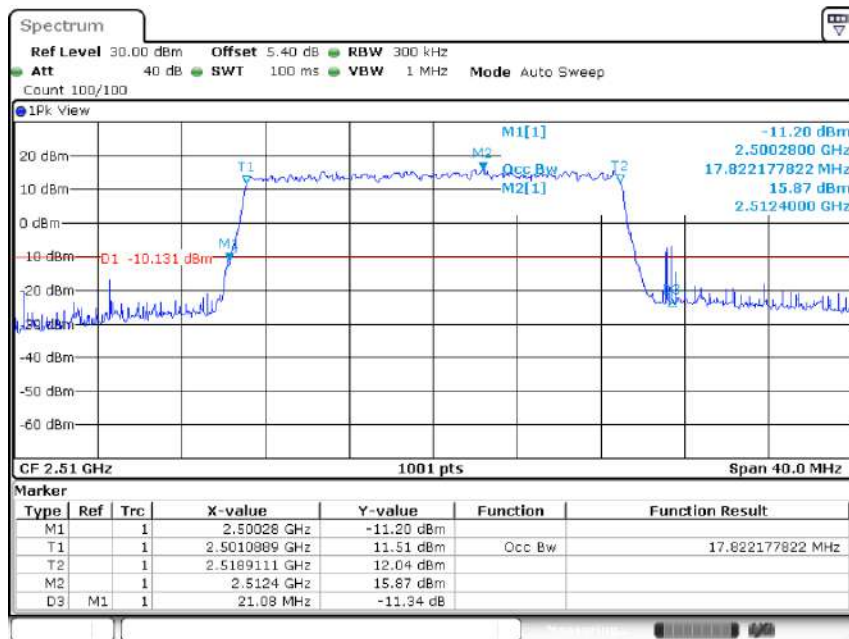


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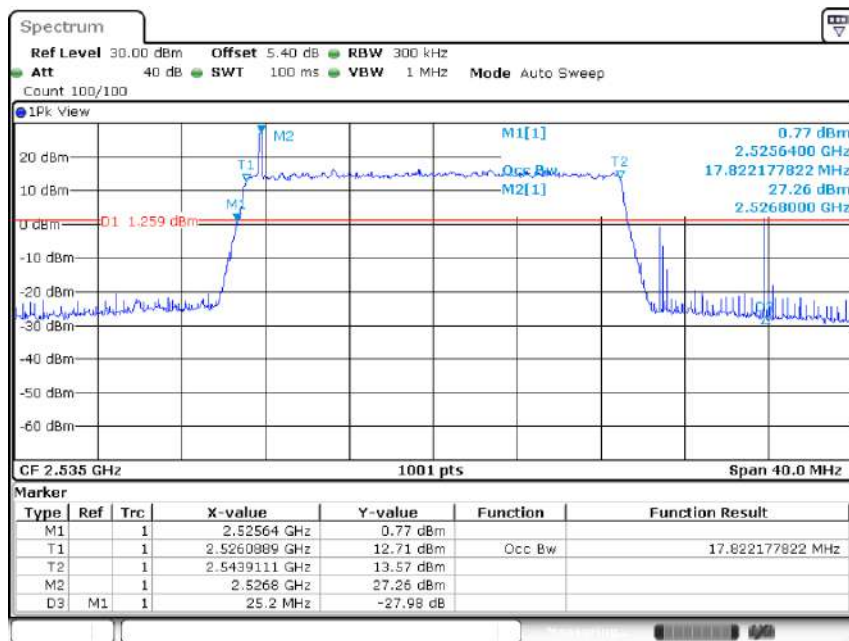
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Band7-20MHz-16QAM-20850-100RB#0-17.822



Date: 8 DEC. 2020 22:56:09

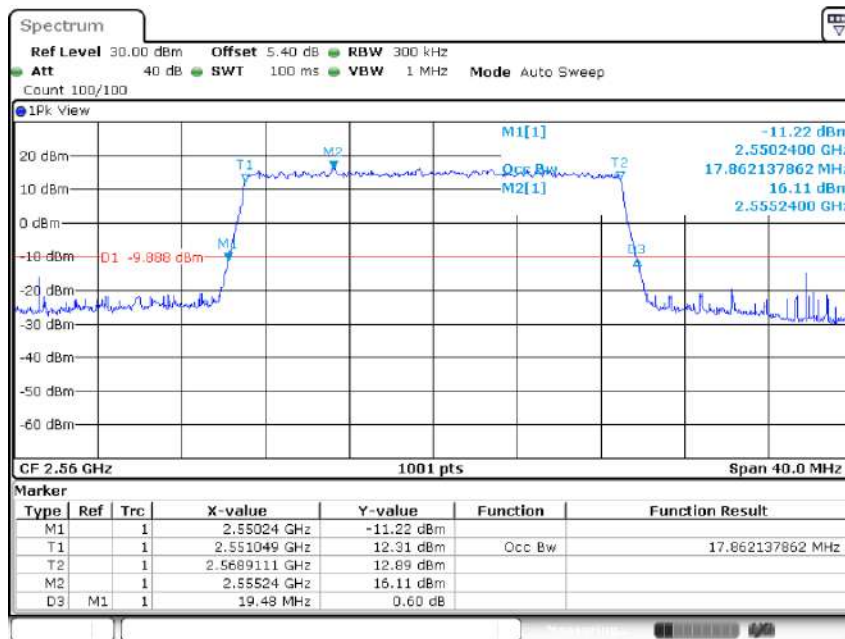
Band7-20MHz-16QAM-21100-100RB#0-17.822



Date: 8 DEC. 2020 22:56:49



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

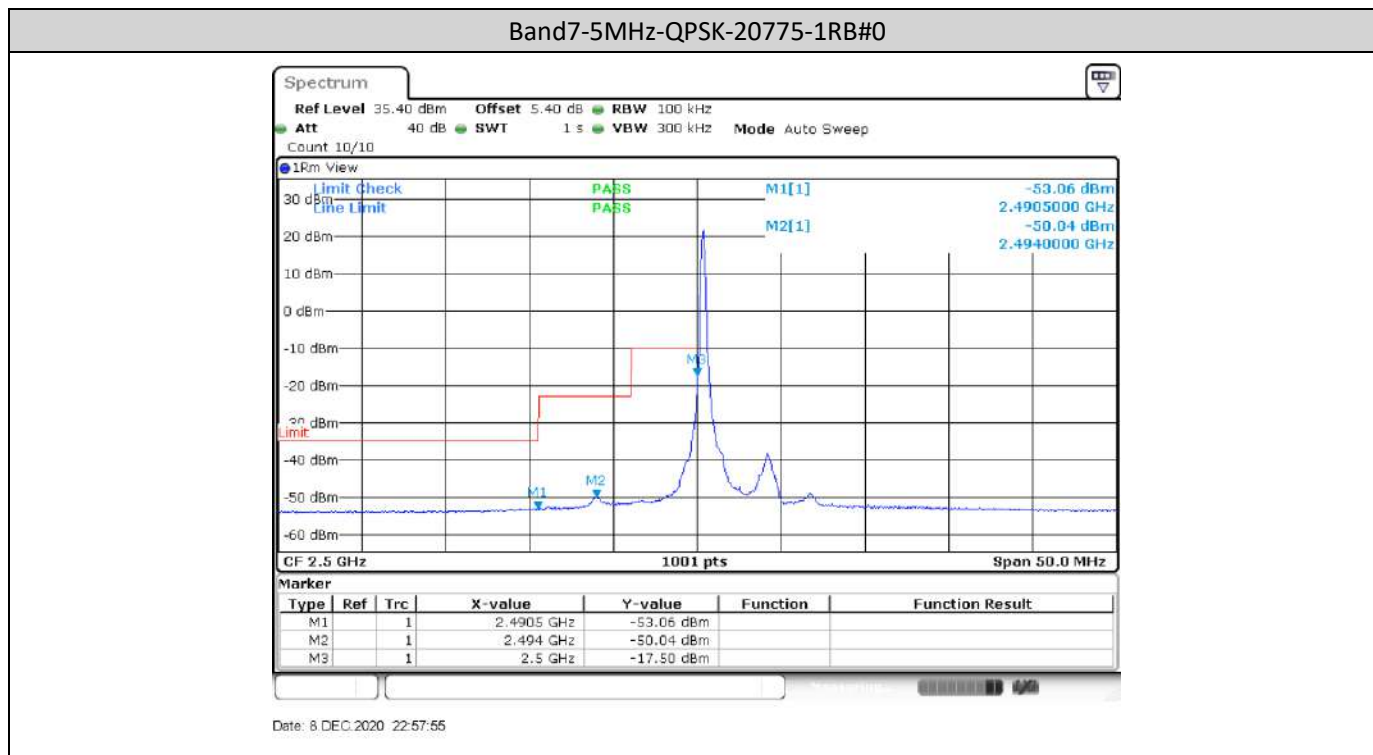


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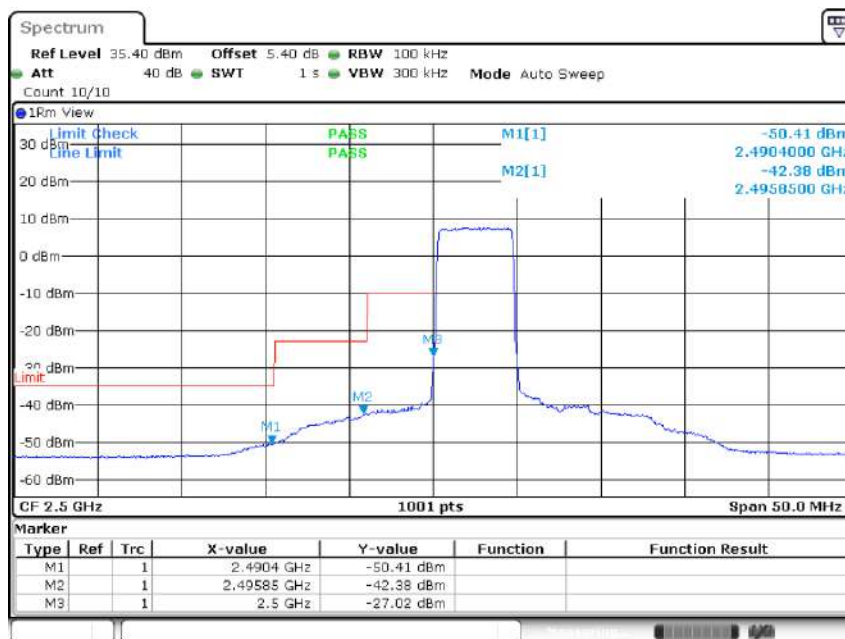


5. Band Edge Compliance

5.1. Test Plots

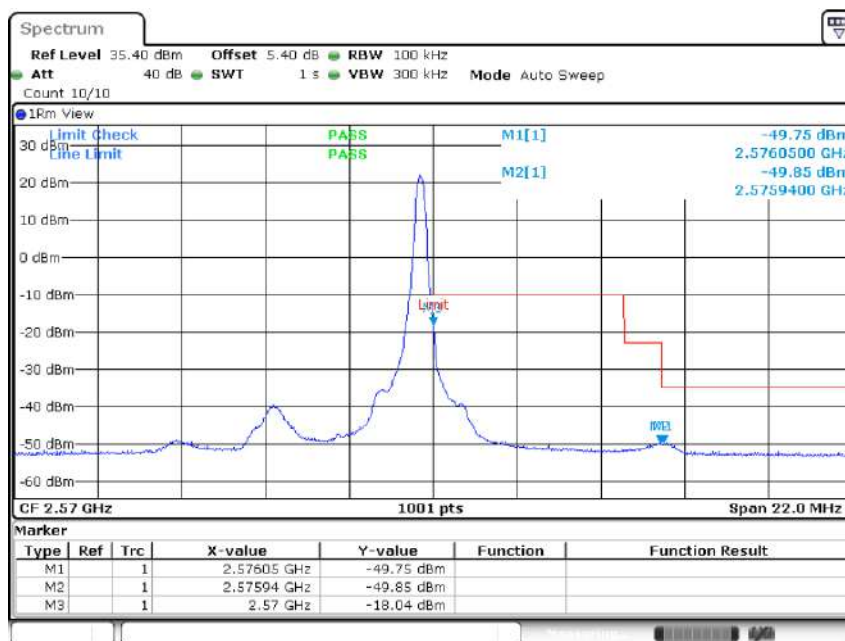


Band7-5MHz-QPSK-20775-25RB#0



Date: 8 DEC. 2020 22:59:30

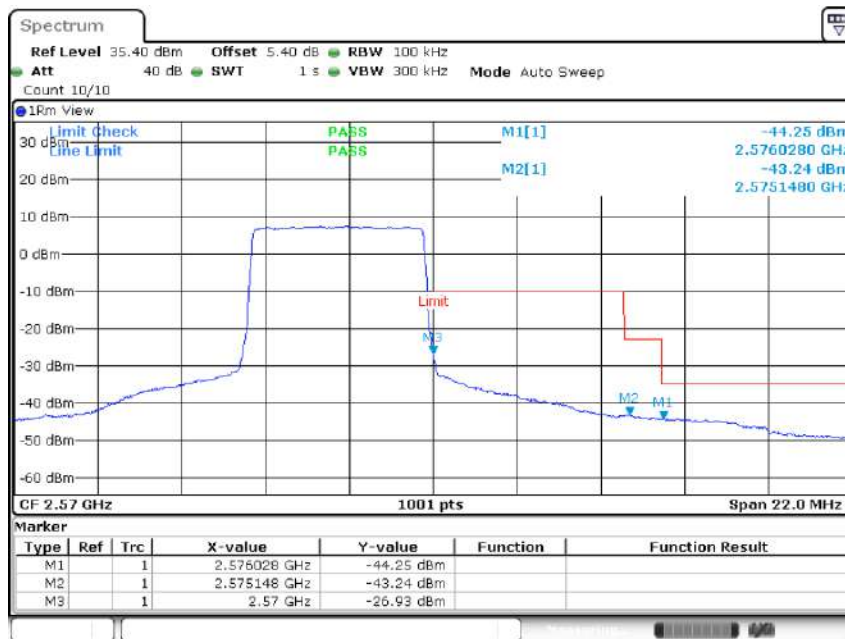
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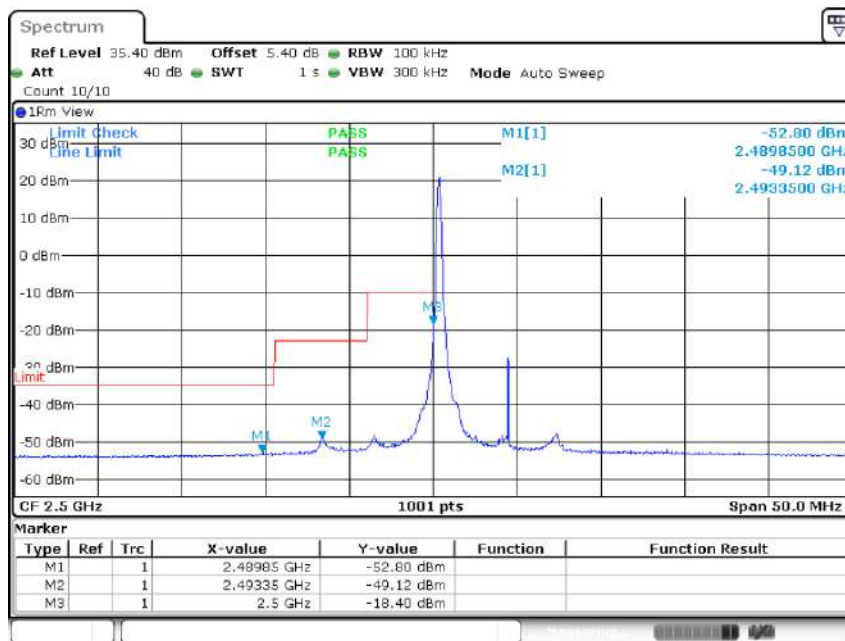


Band7-5MHz-QPSK-21425-25RB#0



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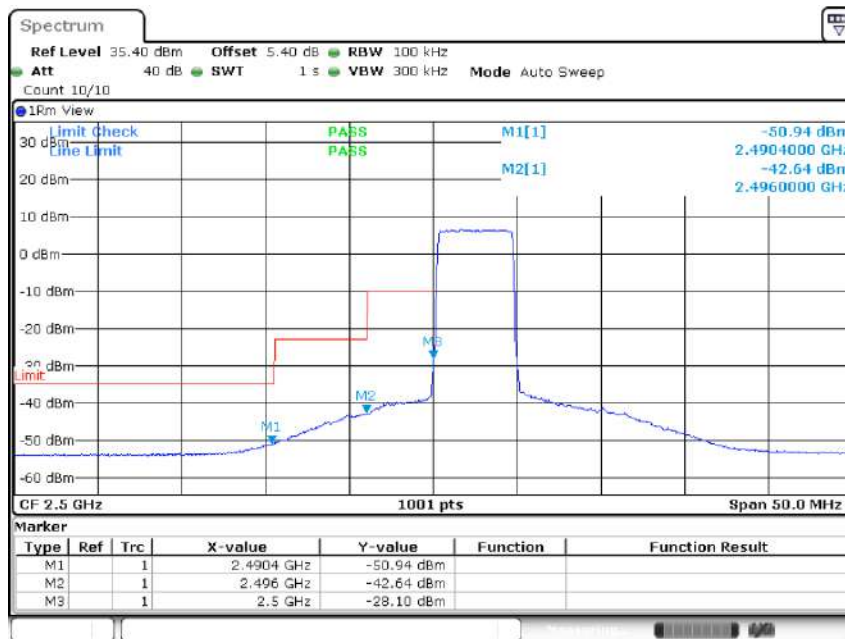
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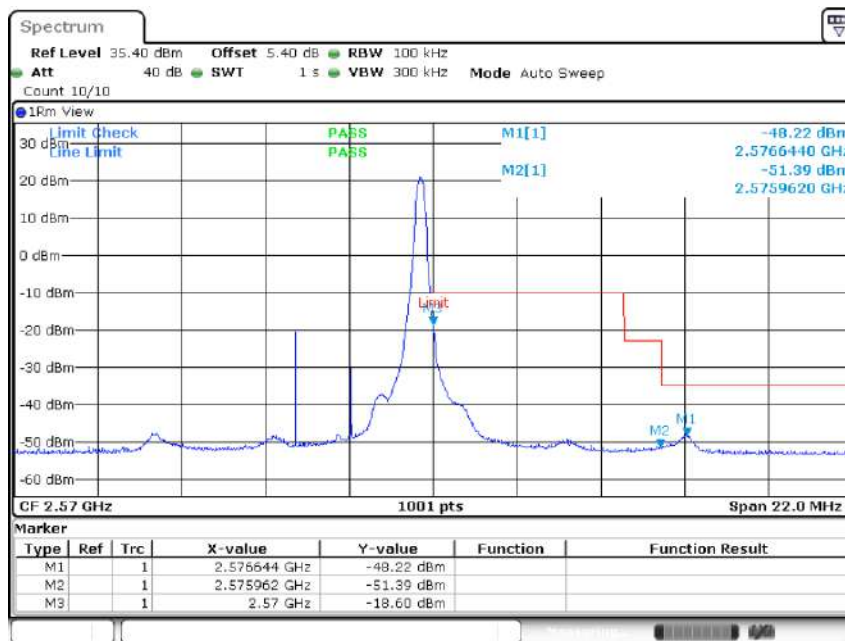


Band7-5MHz-64QAM-20775-25RB#0



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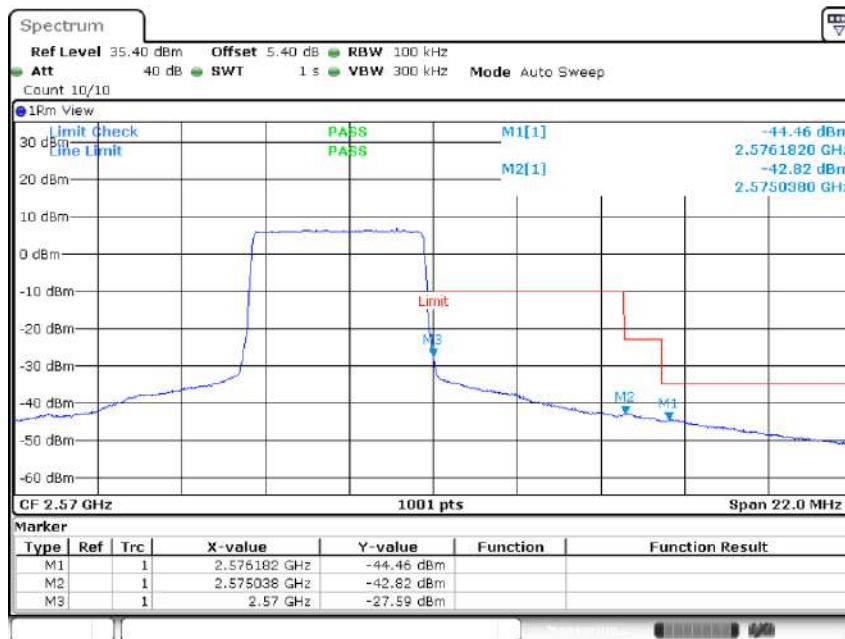
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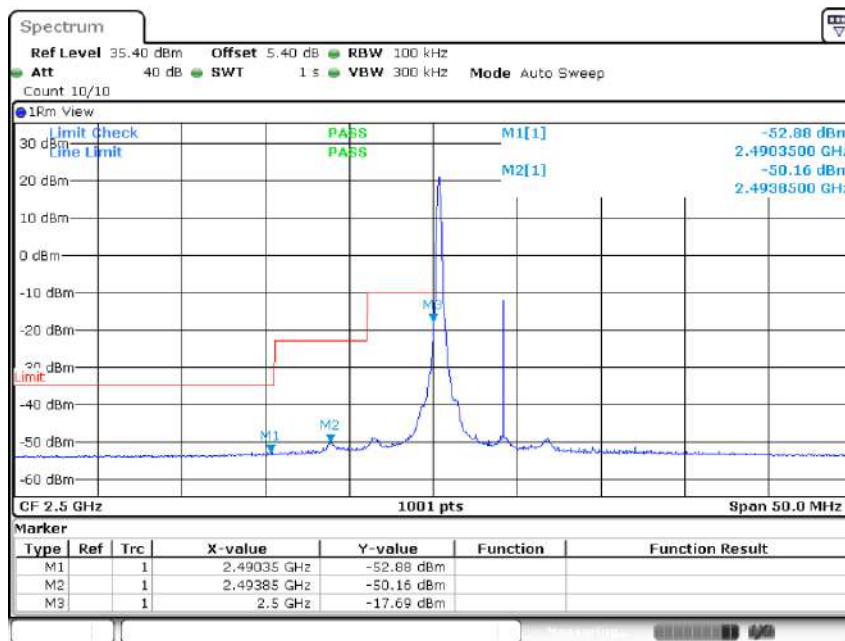


Band7-5MHz-64QAM-21425-25RB#0



Date: 9 DEC.2020 00:39:02

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



Date: 8 DEC.2020 22:58:17



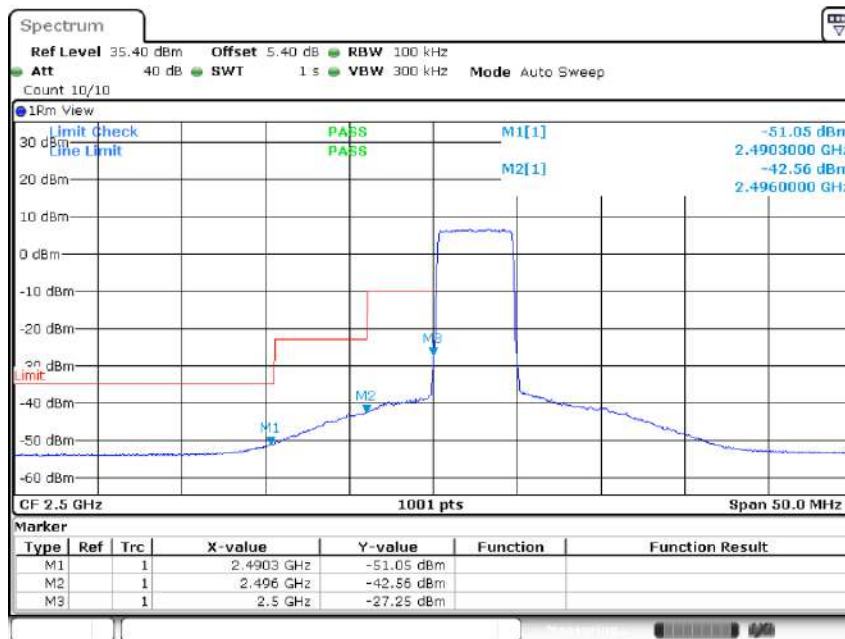
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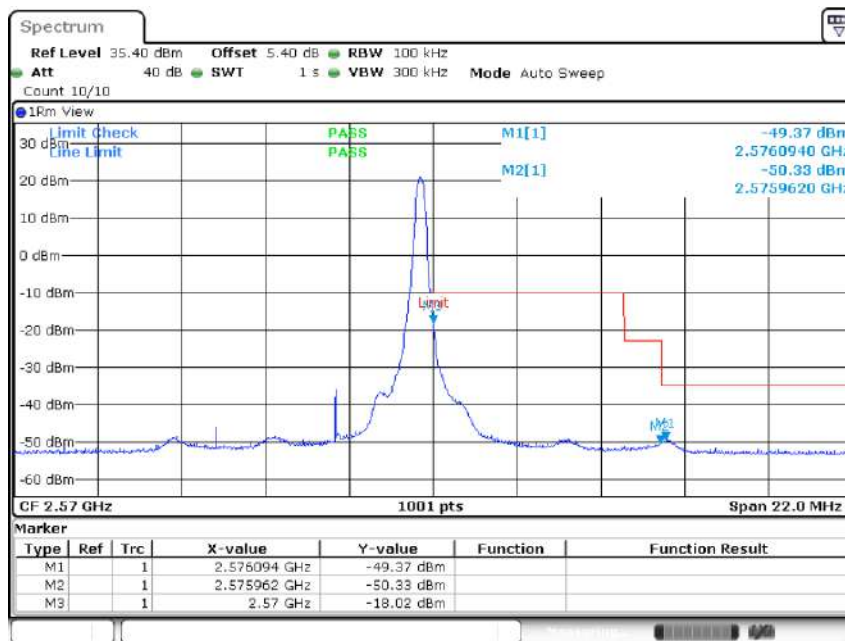
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Band7-5MHz-16QAM-20775-25RB#0



Date: 8 DEC. 2020 22:59:51

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



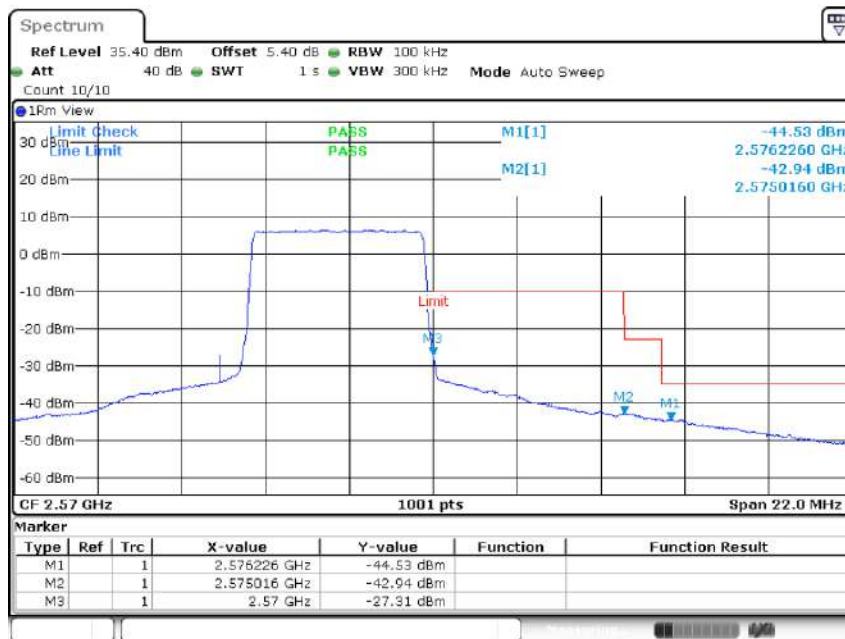
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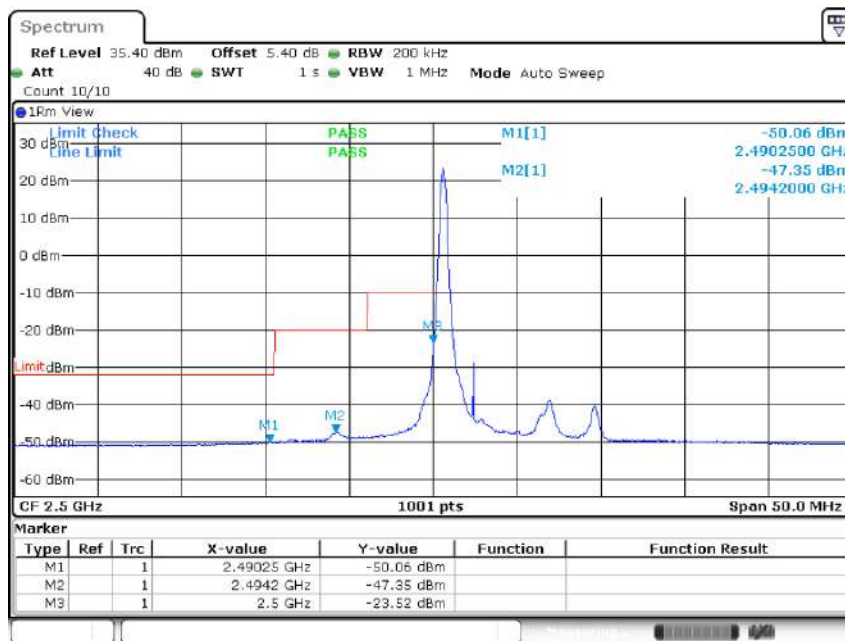
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Band7-5MHz-16QAM-21425-25RB#0



Date: 8 DEC. 2020 23:00:33

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



Date: 8 DEC. 2020 23:01:00



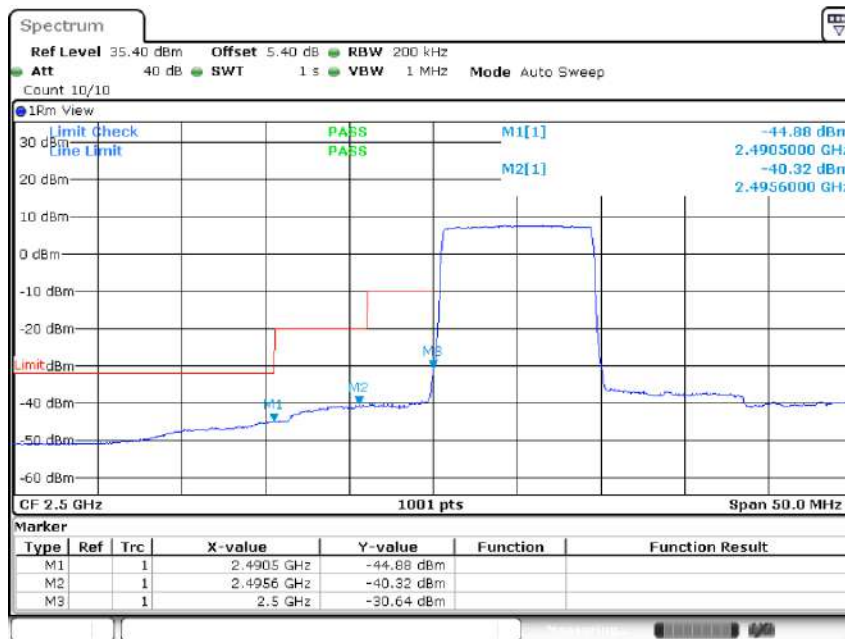
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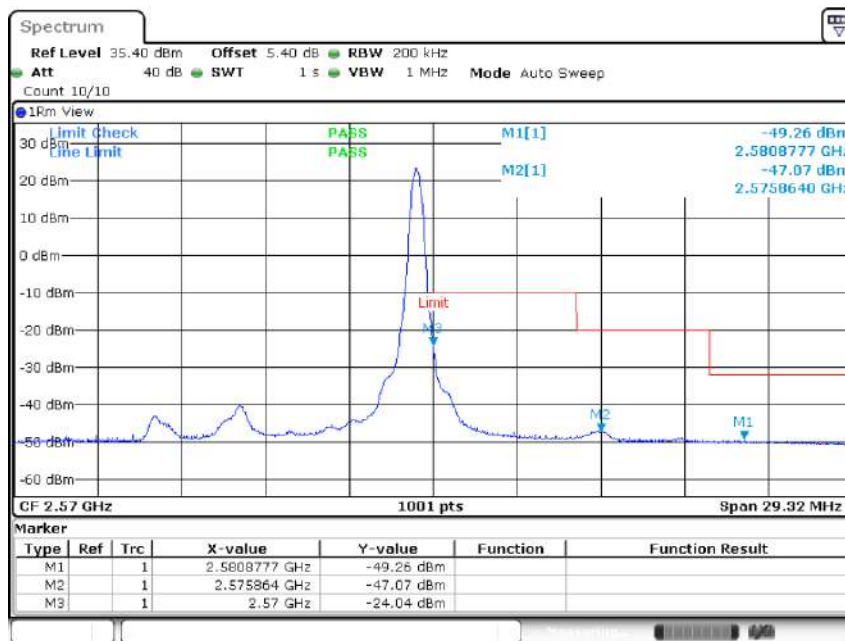
Member of the SGS Group (SGS SA)

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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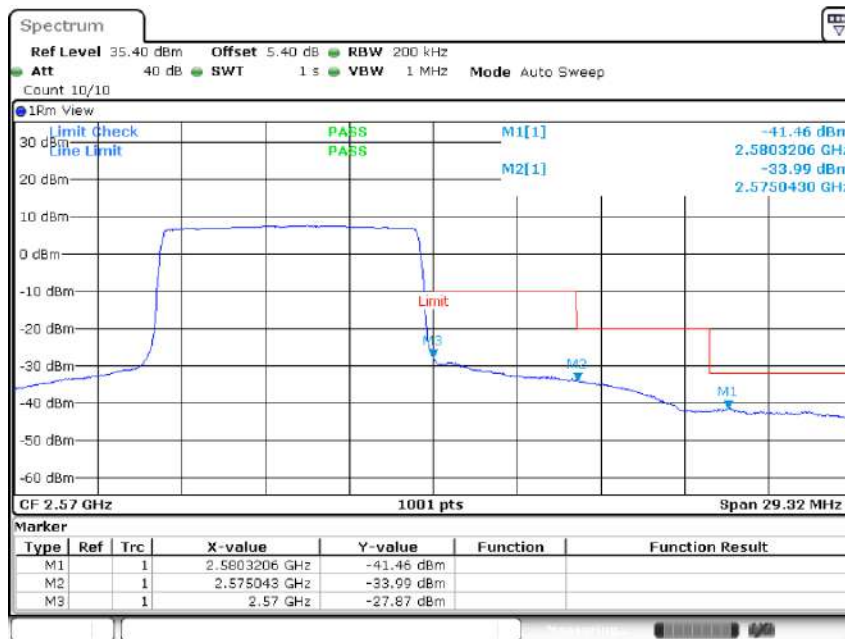
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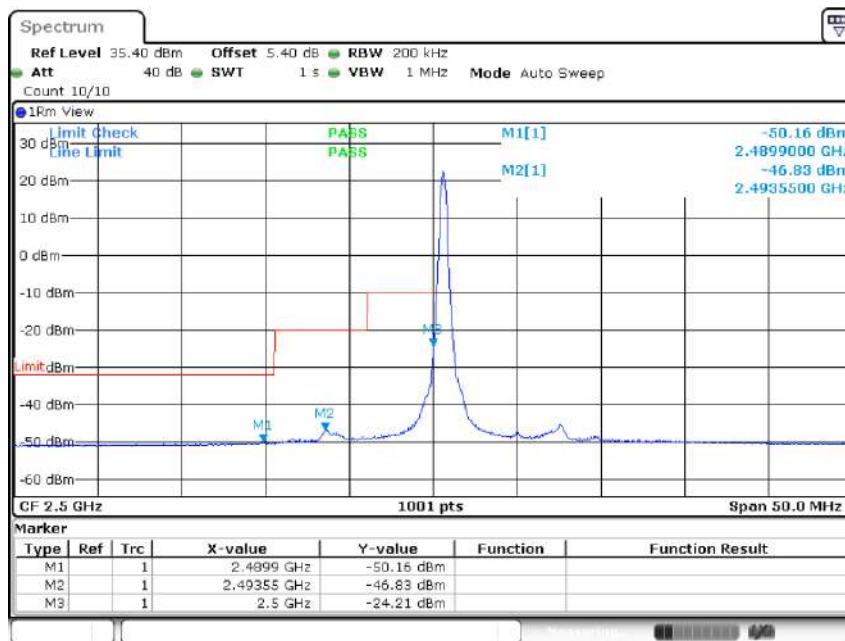
Member of the SGS Group (SGS SA)

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



Date: 8 DEC. 2020 23:03:16

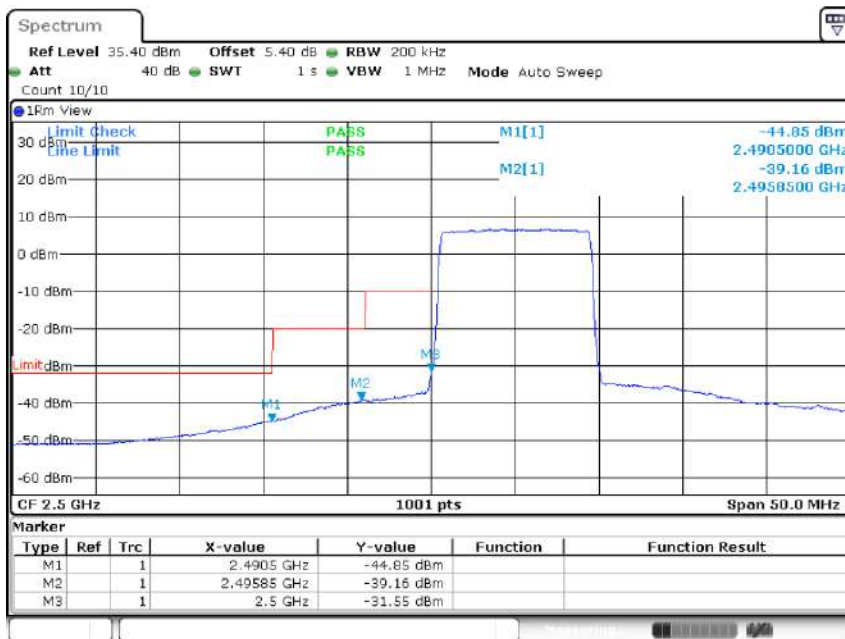
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Date: 9 DEC. 2020 00:39:29

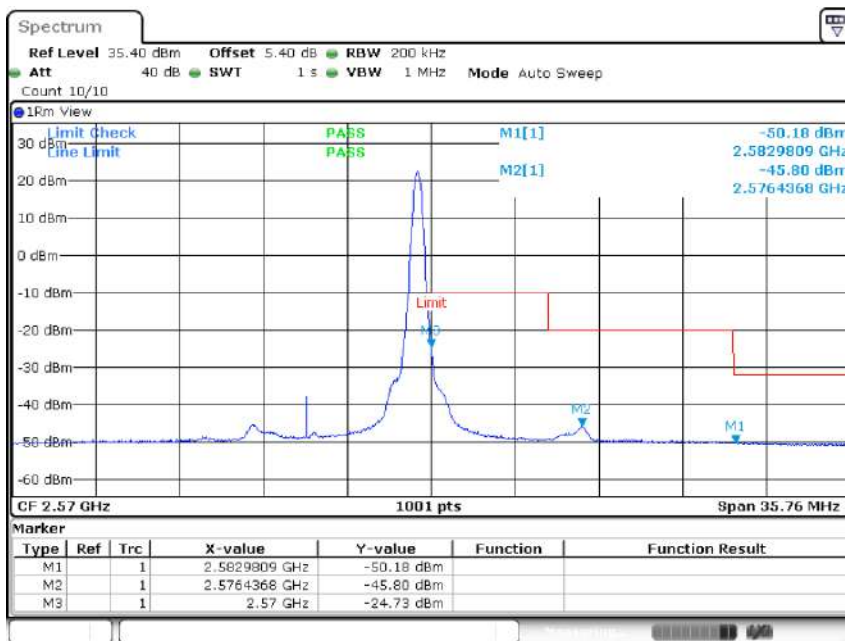


Band7-10MHz-64QAM-20800-50RB#0



Date: 9 DEC. 2020 00:40:21

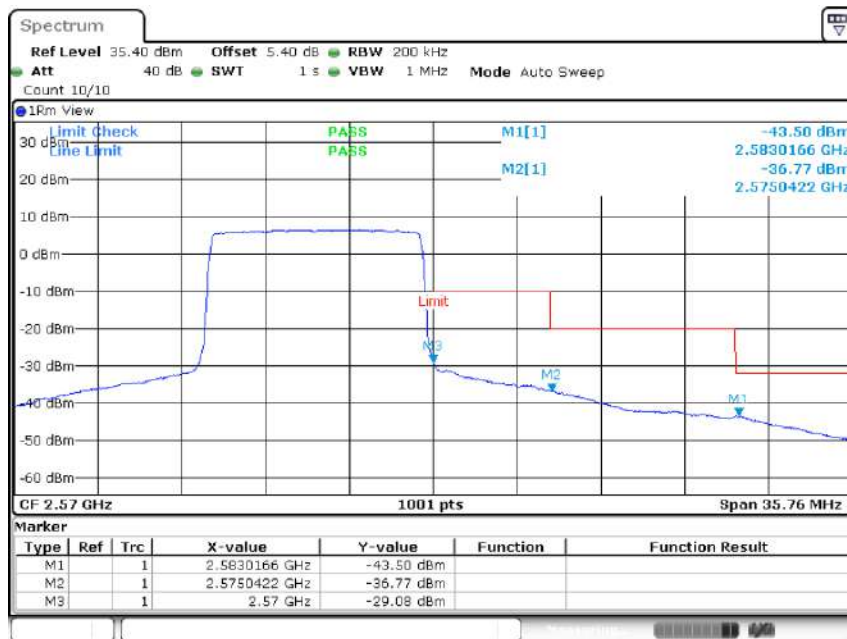
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Date: 9 DEC. 2020 00:39:55

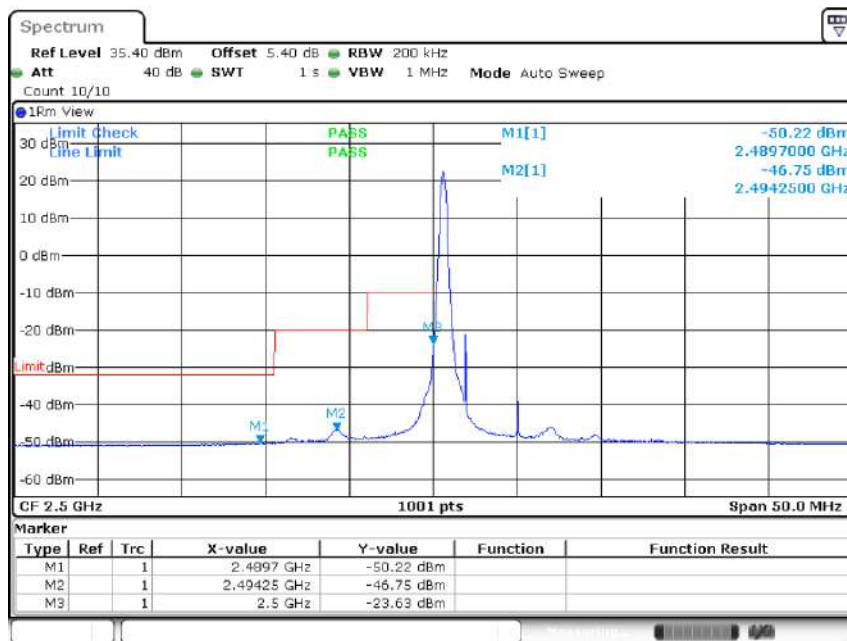


Band7-10MHz-64QAM-21400-50RB#0



Date: 9 DEC.2020 00:40:42

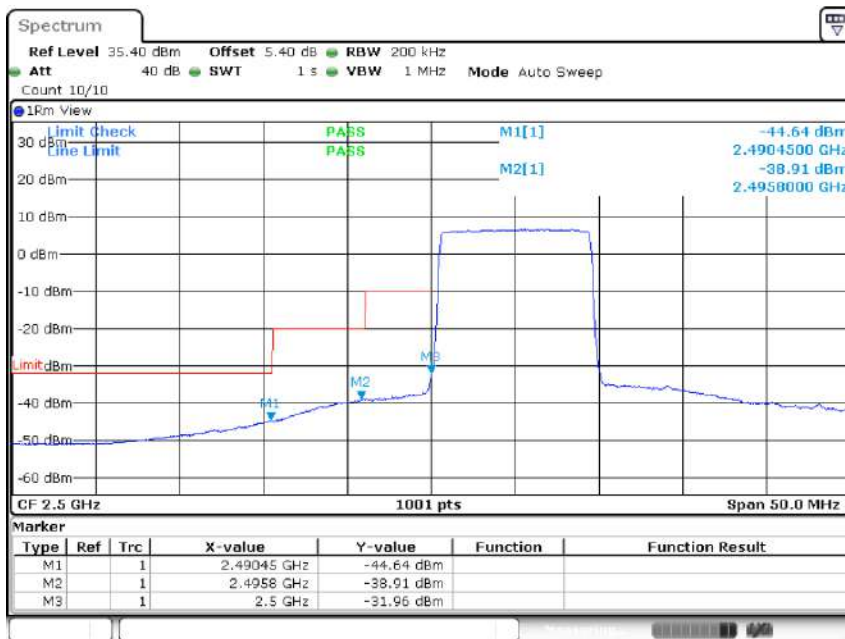
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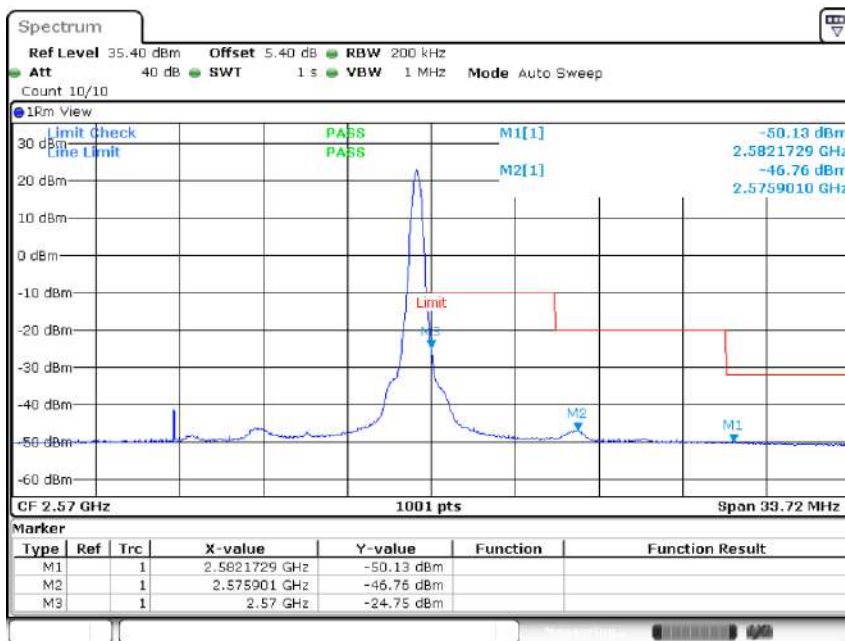


Band7-10MHz-16QAM-20800-50RB#0



Date: 8 DEC. 2020 23:02:55

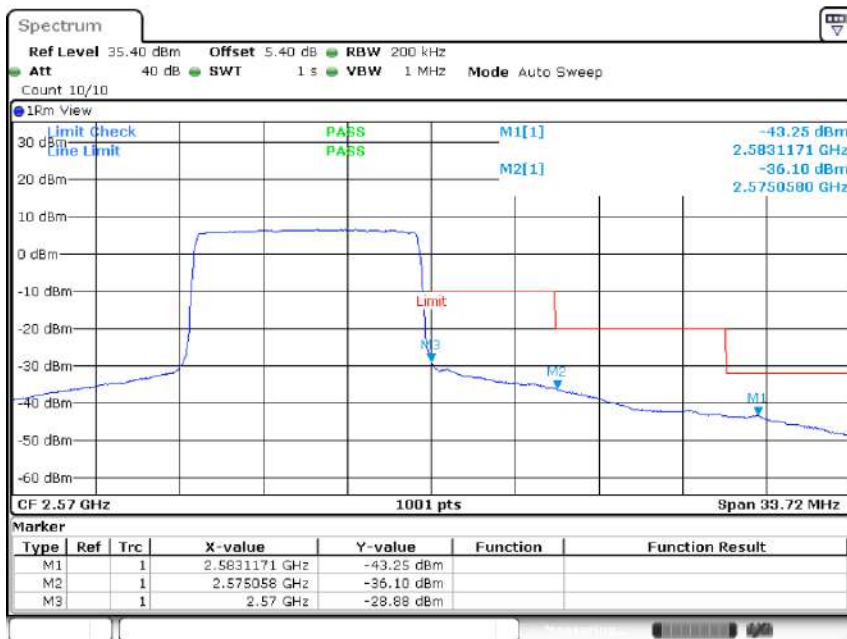
Band7-10MHz-16QAM-21400-1RB#49



Date: 8 DEC. 2020 23:02:08

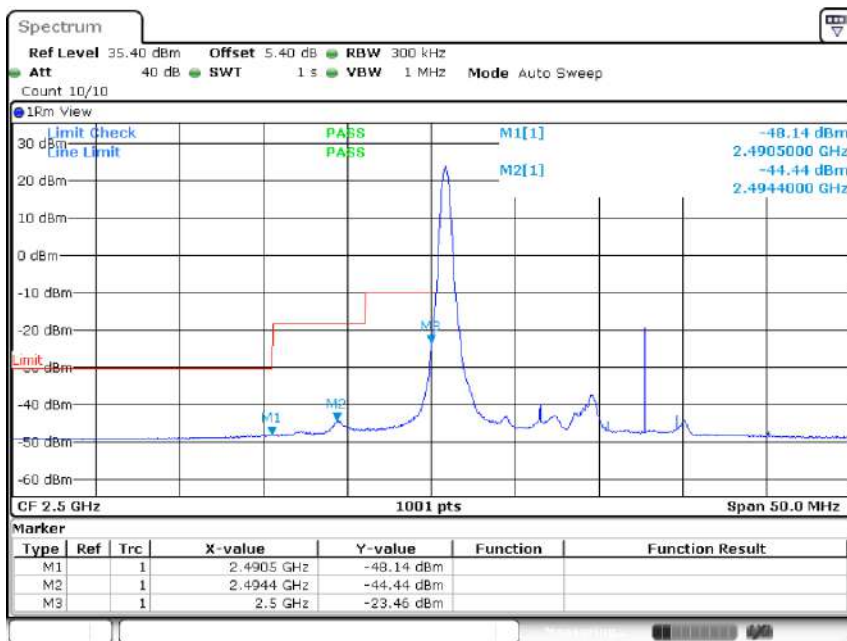


Band7-10MHz-16QAM-21400-50RB#0



Date: 8 DEC. 2020 23:03:38

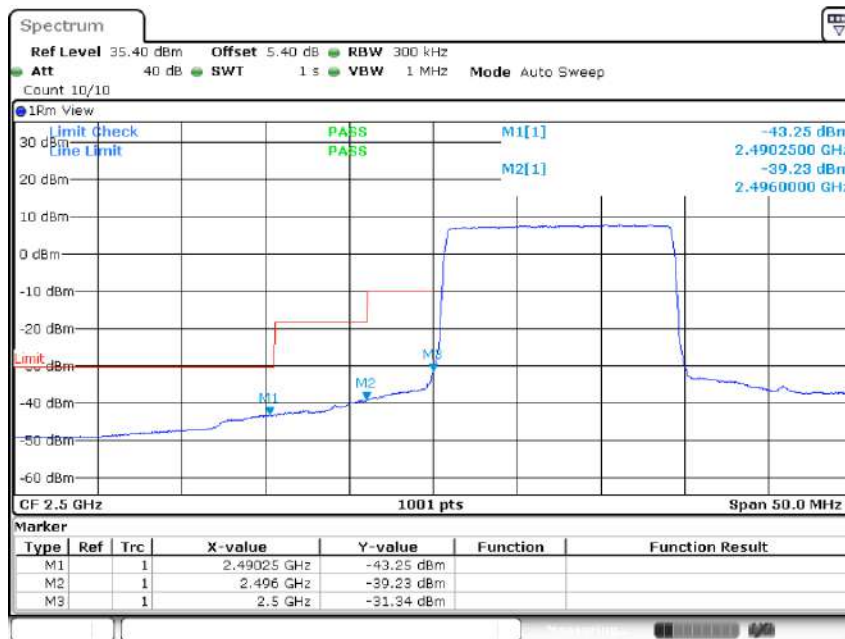
Band7-15MHz-QPSK-20825-1RB#0



Date: 8 DEC. 2020 23:04:04

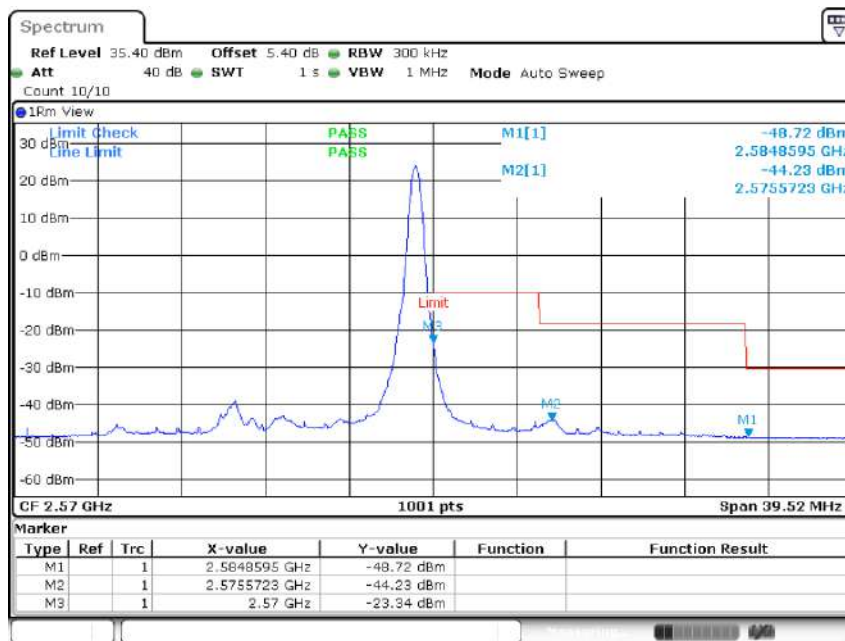


Band7-15MHz-QPSK-20825-75RB#0



Date: 8 DEC. 2020 23:05:37

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



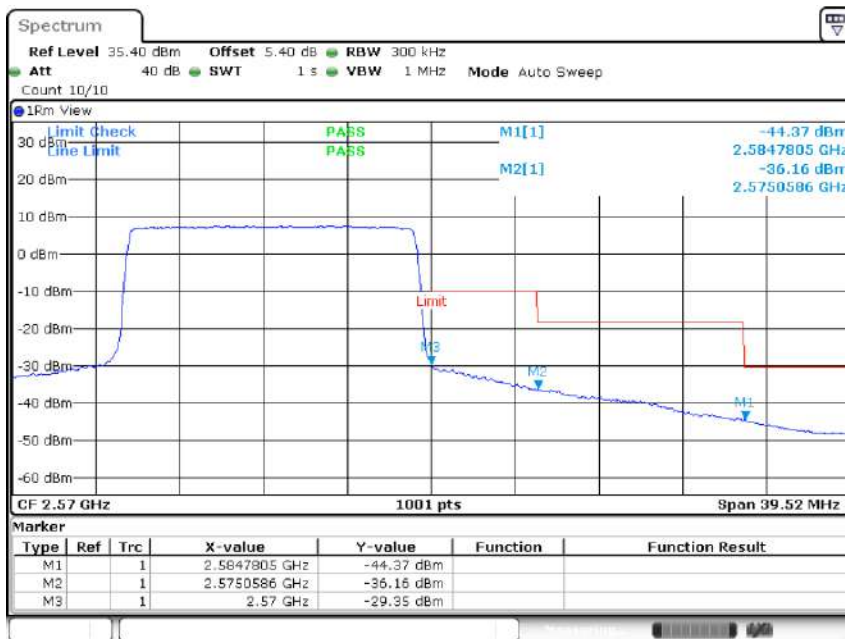
Date: 8 DEC. 2020 23:04:51



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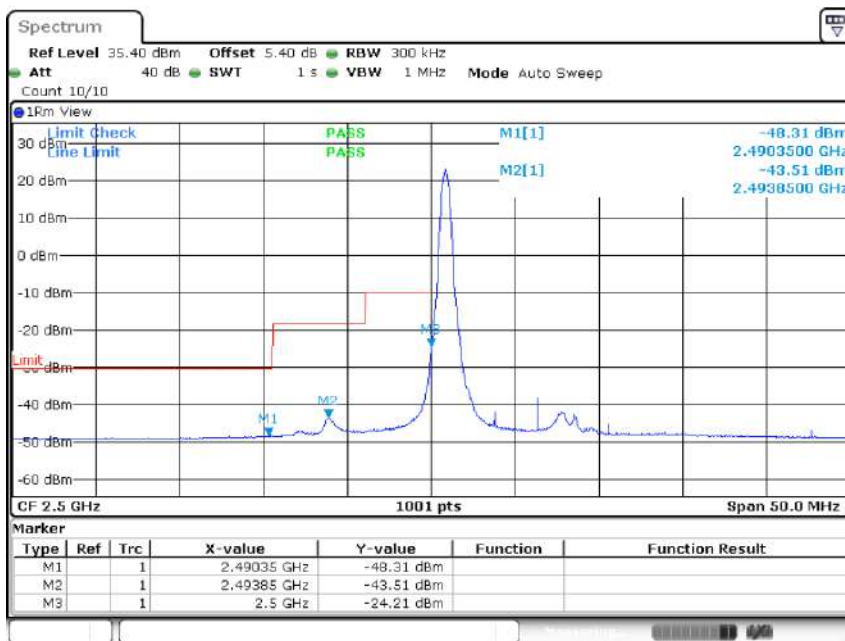
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Band7-15MHz-QPSK-21375-75RB#0



Date: 8 DEC.2020 23:06:20

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



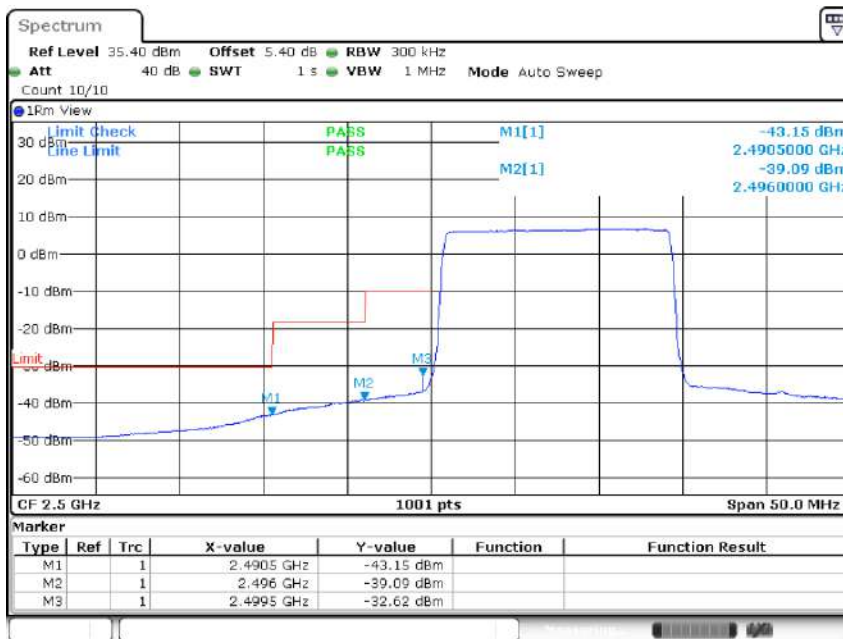
Date: 9 DEC.2020 00:41:09



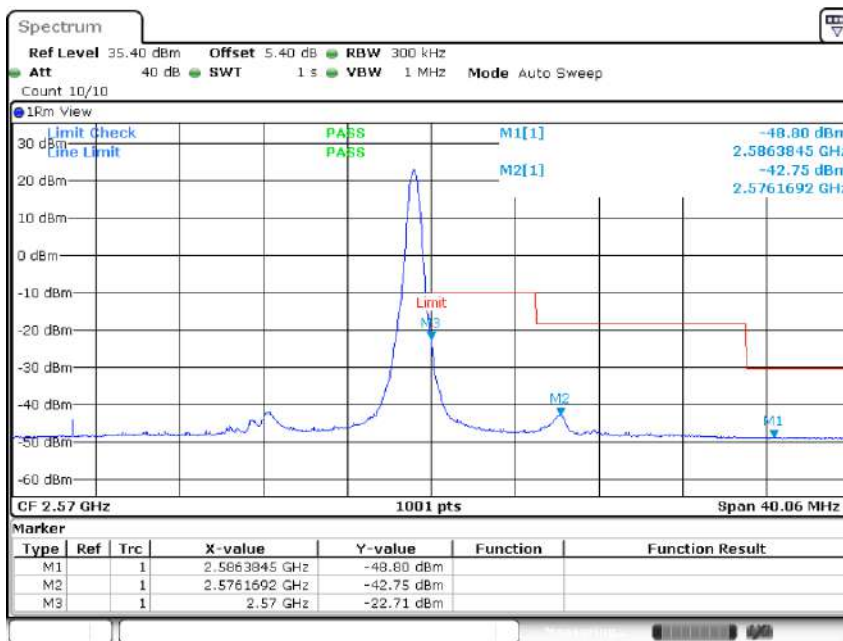
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Band7-15MHz-64QAM-20825-75RB#0



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



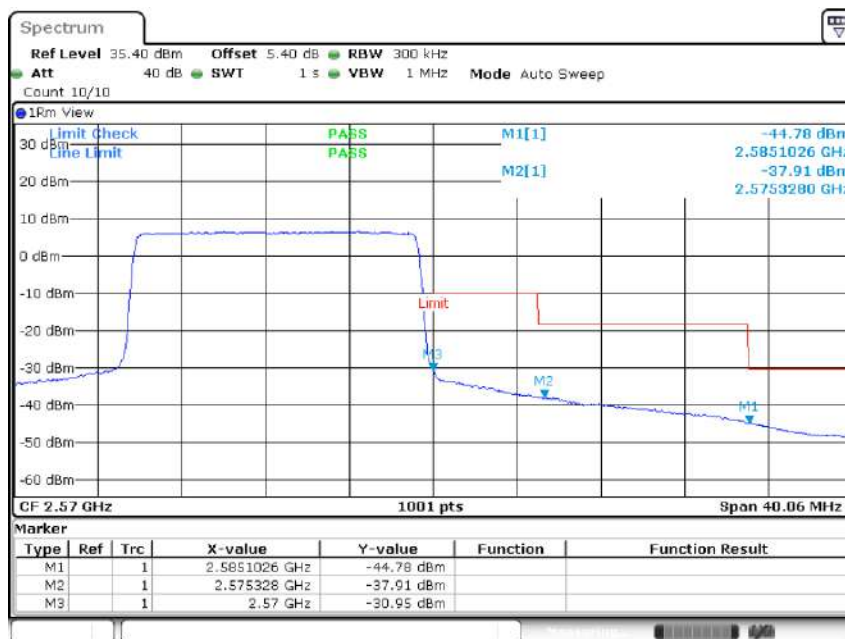
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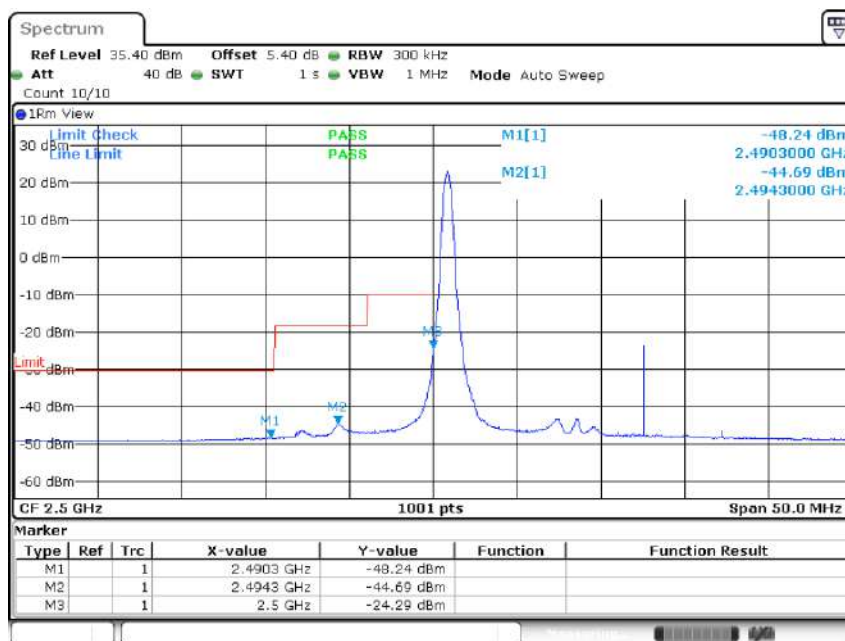
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Band7-15MHz-64QAM-21375-75RB#0



Date: 9 DEC.2020 00:42:23

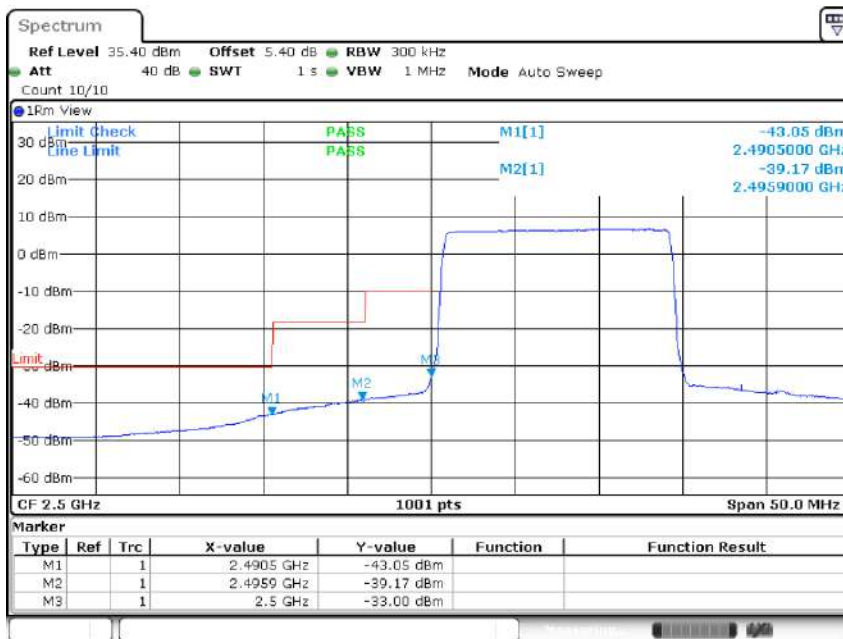
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Date: 8 DEC.2020 23:04:25

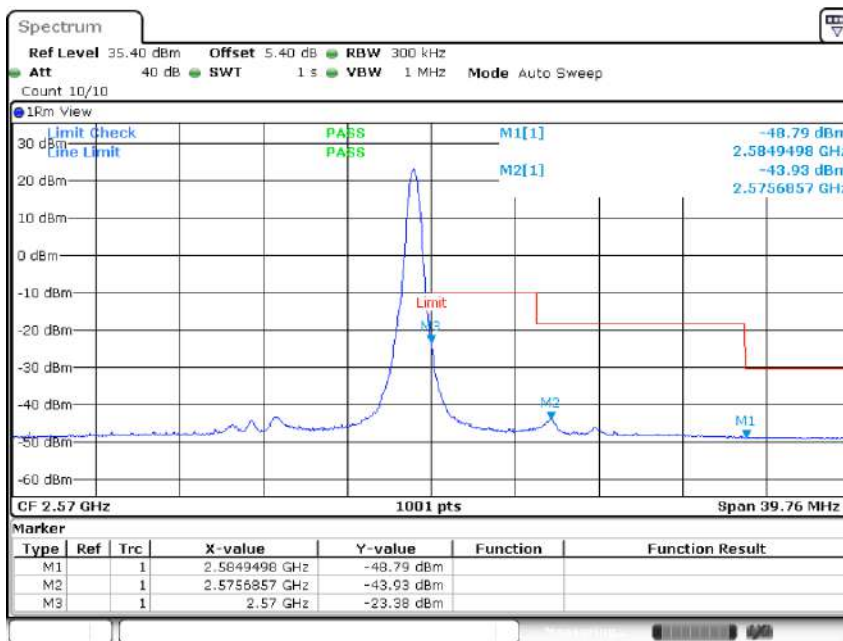


Band7-15MHz-16QAM-20825-75RB#0



Date: 8 DEC. 2020 23:05:59

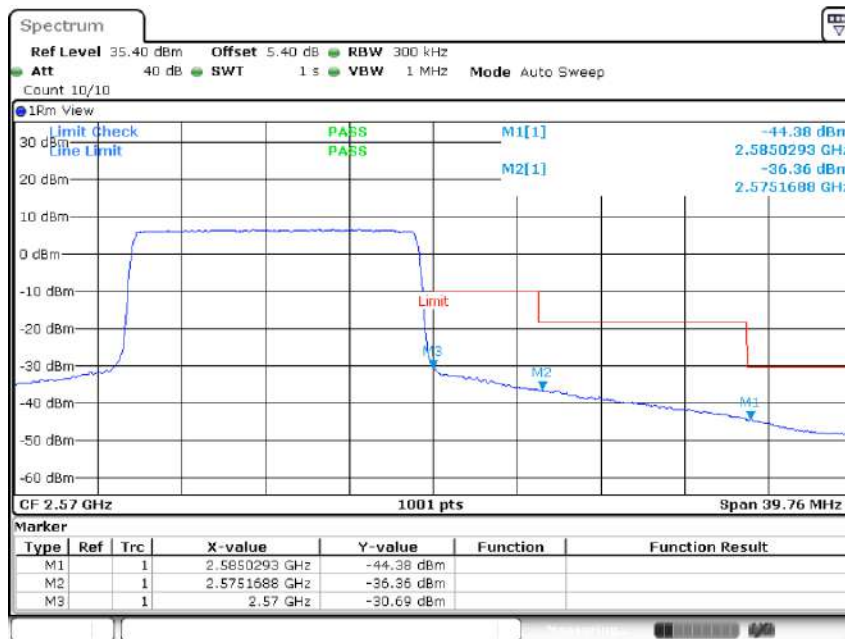
Band7-15MHz-16QAM-21375-1RB#74



Date: 8 DEC. 2020 23:05:12

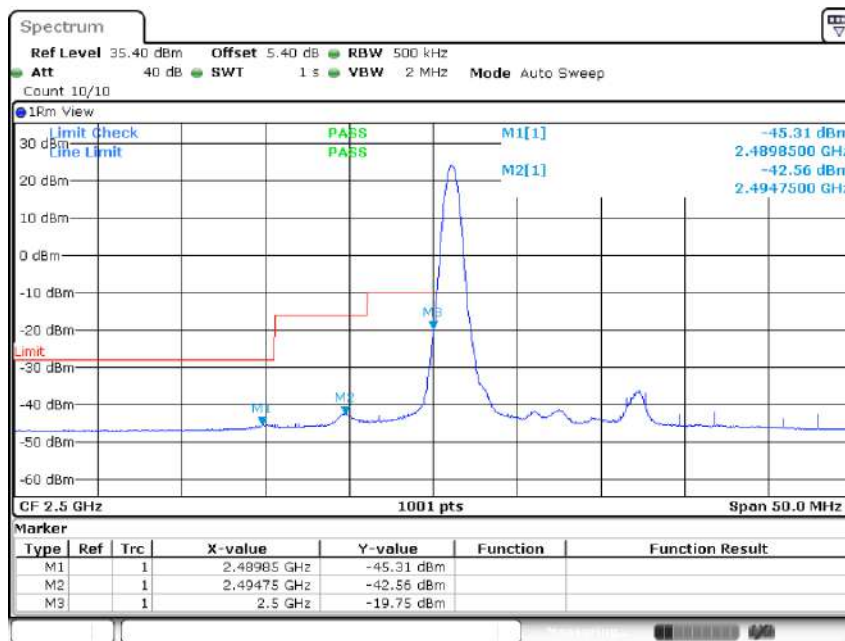


Band7-15MHz-16QAM-21375-75RB#0



Date: 8 DEC. 2020 23:06:41

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



Date: 8 DEC. 2020 23:07:08



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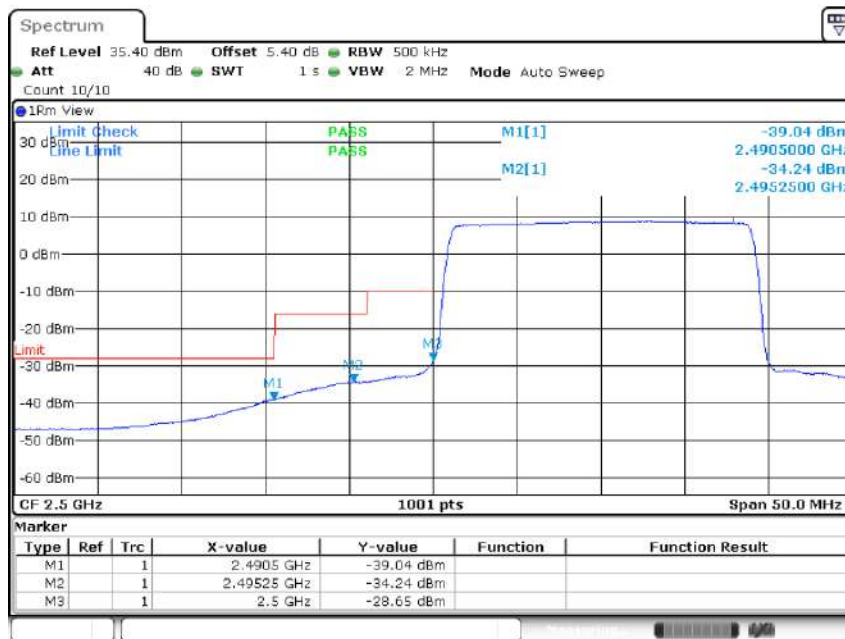
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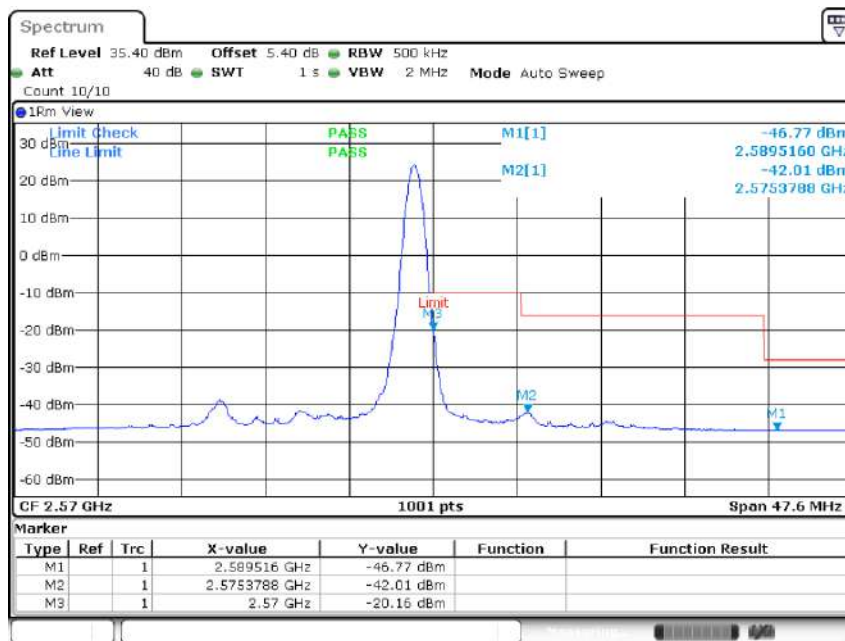
Member of the SGS Group (SGS SA)

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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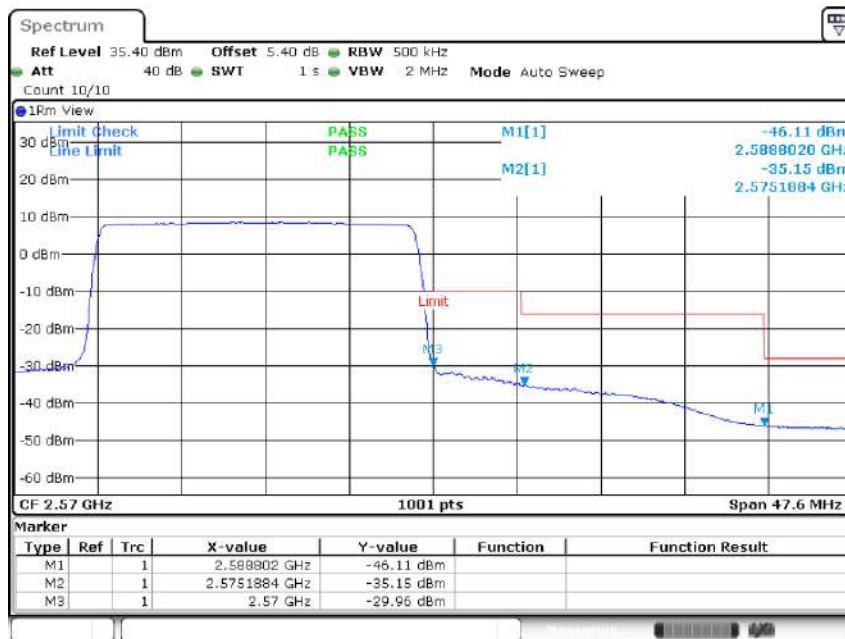
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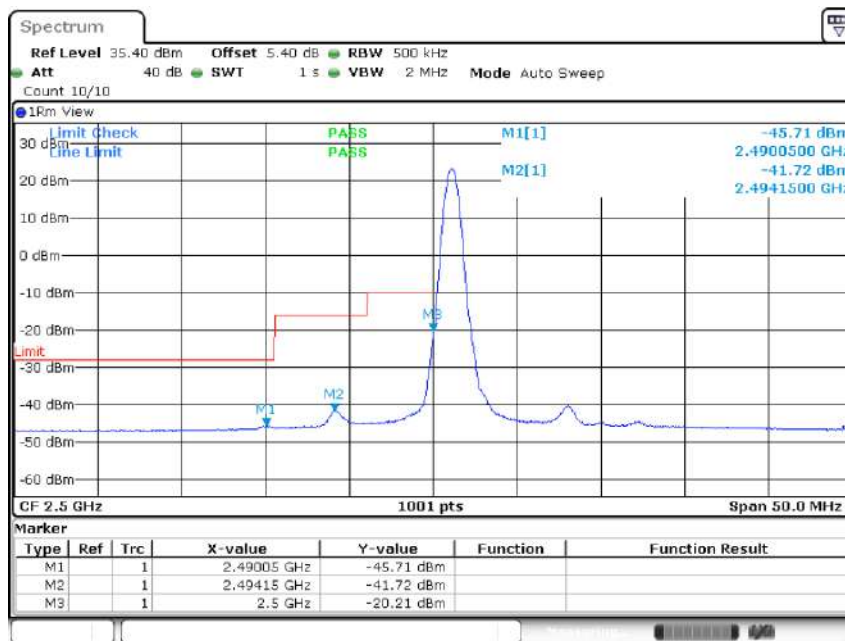
Member of the SGS Group (SGS SA)

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



Date: 8 DEC. 2020 23:09:24

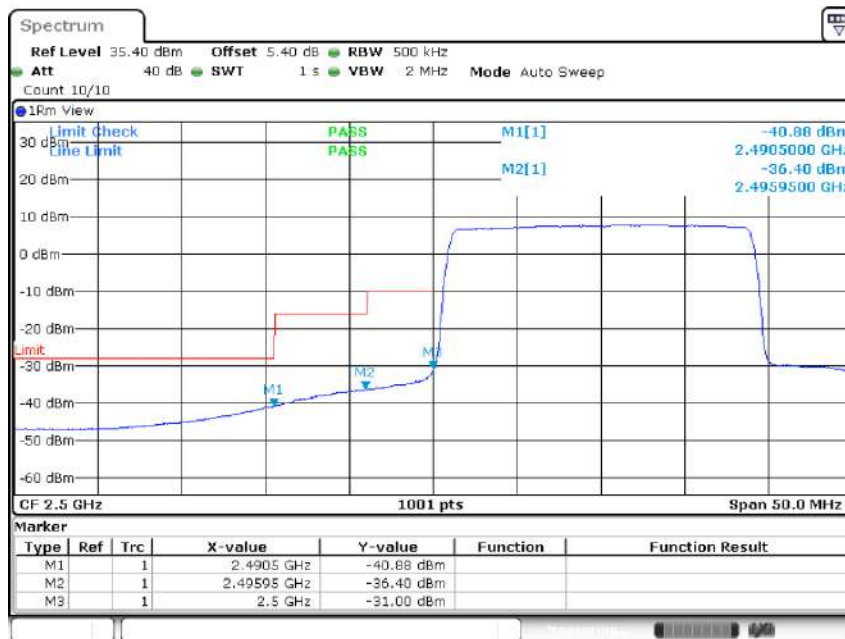
Band7-20MHz-64QAM-20850-1RB#0



Date: 9 DEC. 2020 00:42:49

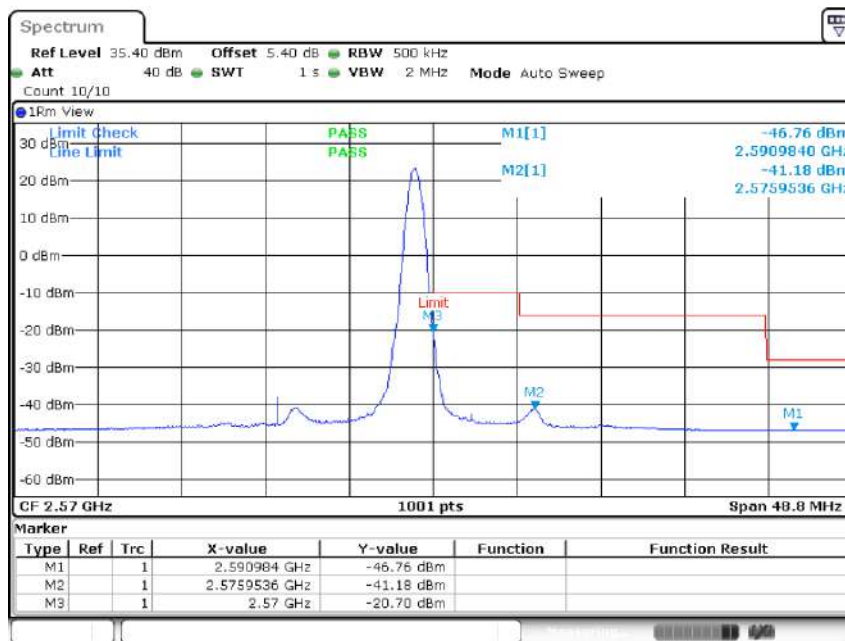


Band7-20MHz-64QAM-20850-100RB#0



Date: 9 DEC.2020 00:43:41

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



Date: 9 DEC.2020 00:43:15

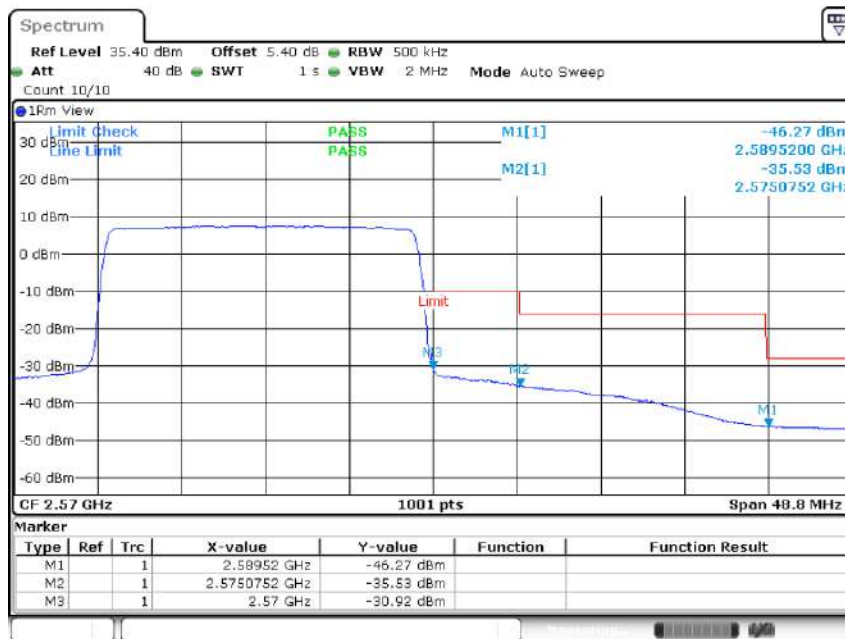


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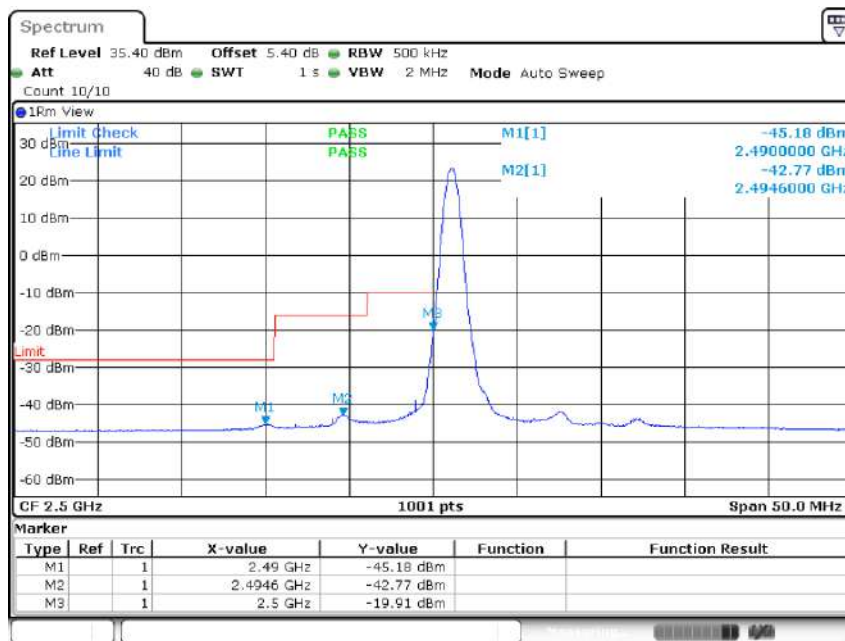
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Band7-20MHz-64QAM-21350-100RB#0



Date: 9 DEC.2020 00:44:03

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



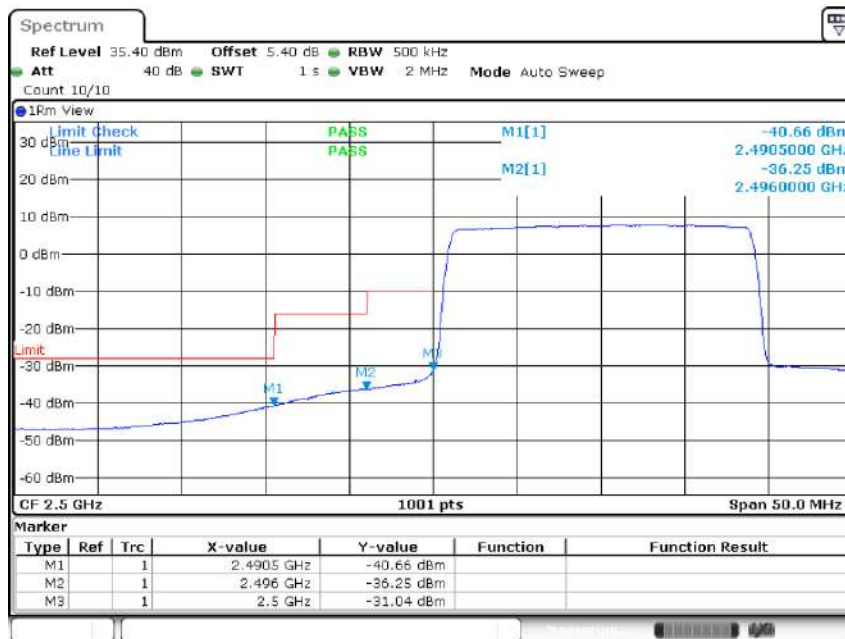
Date: 8 DEC.2020 23:07:29



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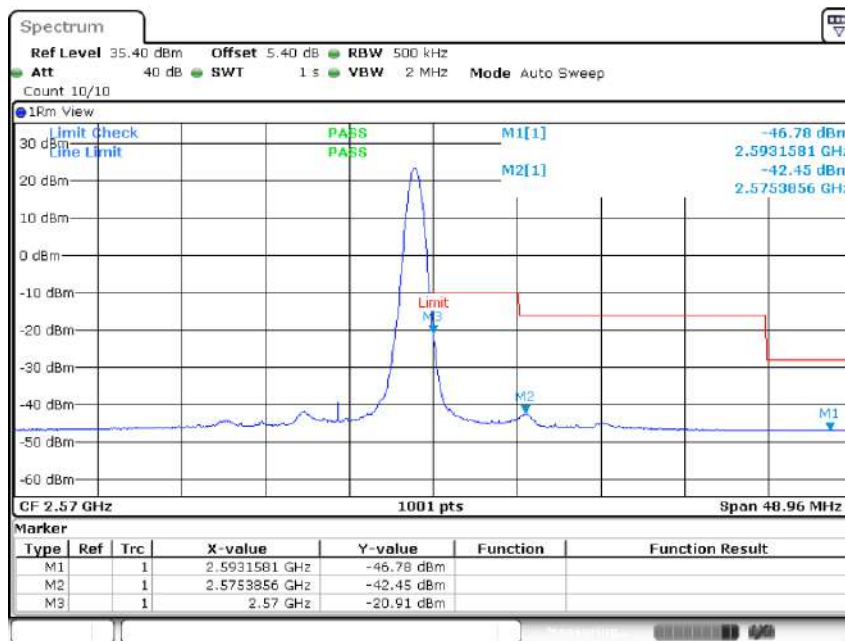
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Band7-20MHz-16QAM-20850-100RB#0



Date: 8 DEC.2020 23:09:03

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

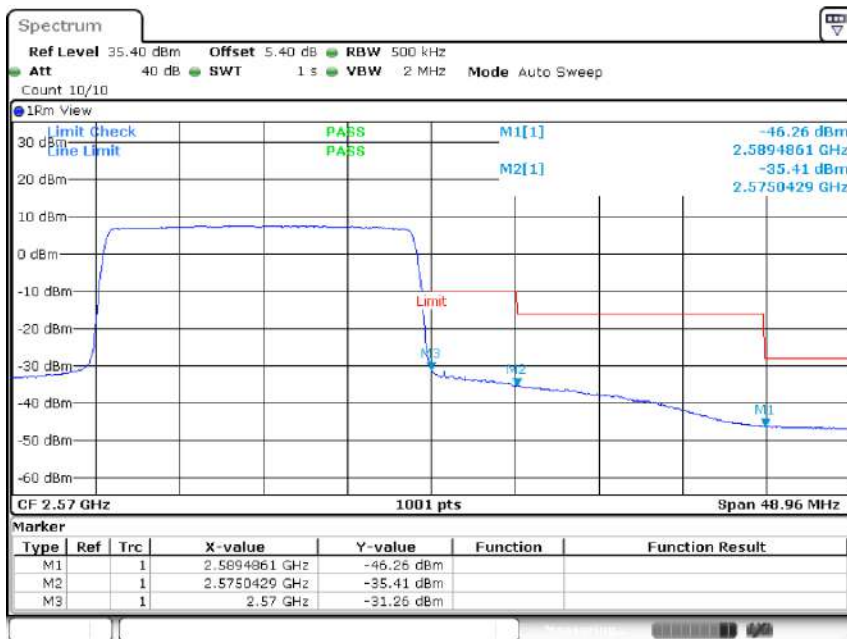


Date: 8 DEC.2020 23:08:16



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



Date: 8 DEC 2020 23:09:45

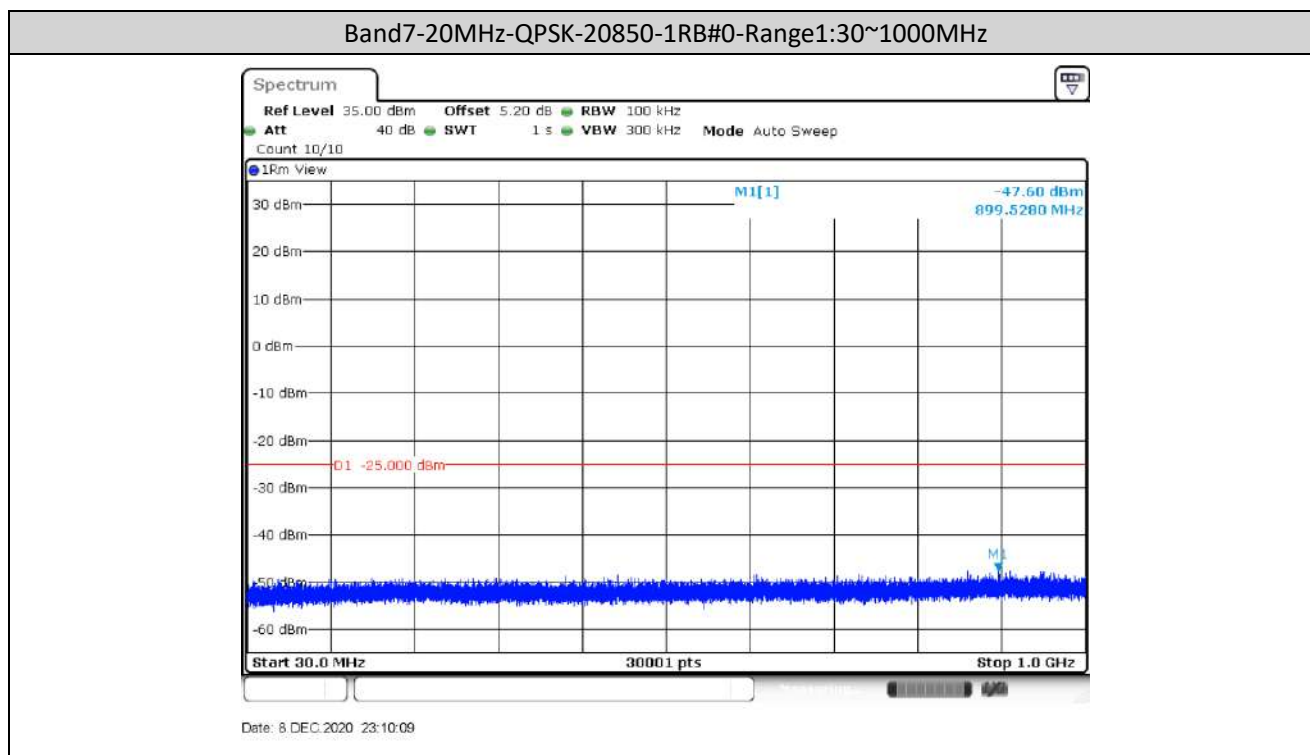


6. Spurious Emission at Antenna Terminal

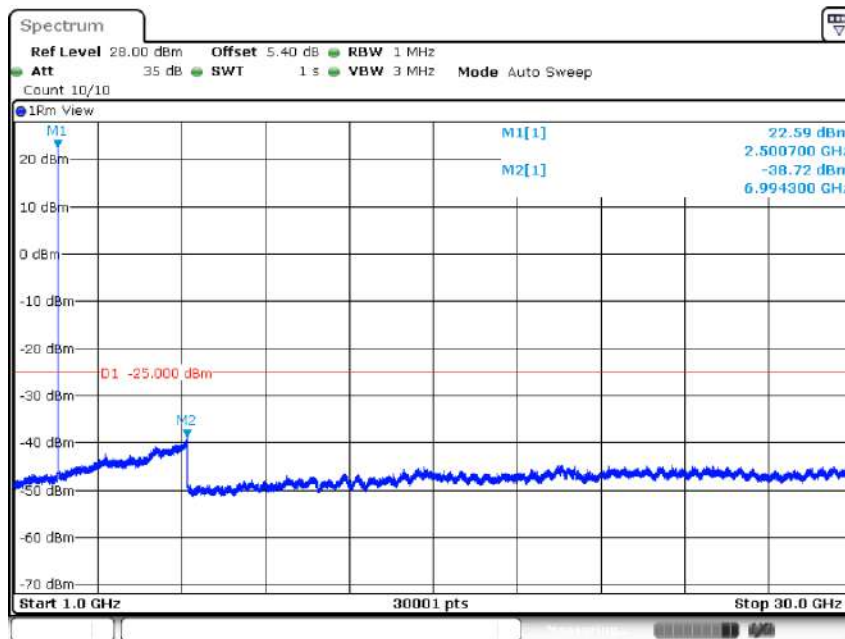
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

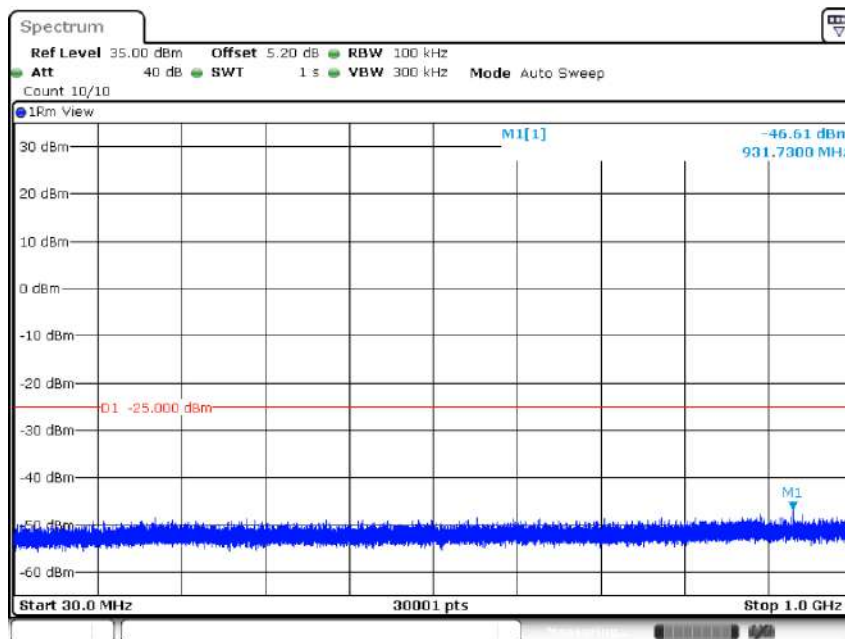


Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 8 DEC. 2020 23:10:25

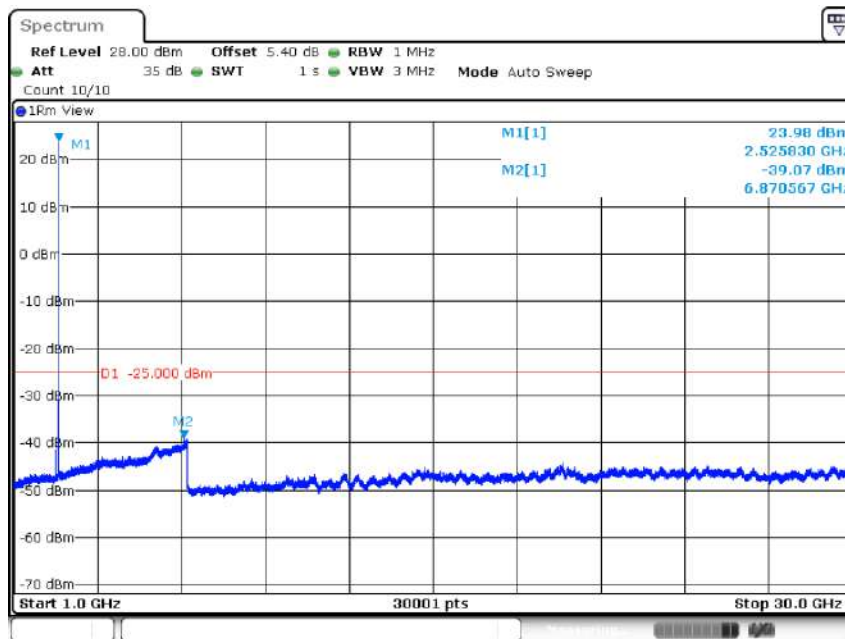
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Date: 8 DEC. 2020 23:11:19

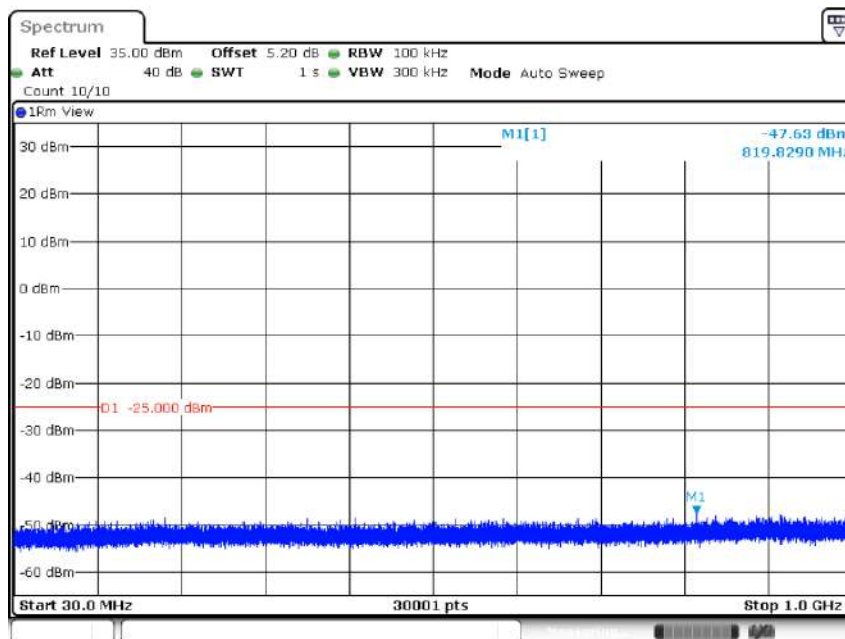


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Date: 8 DEC.2020 23:11:35

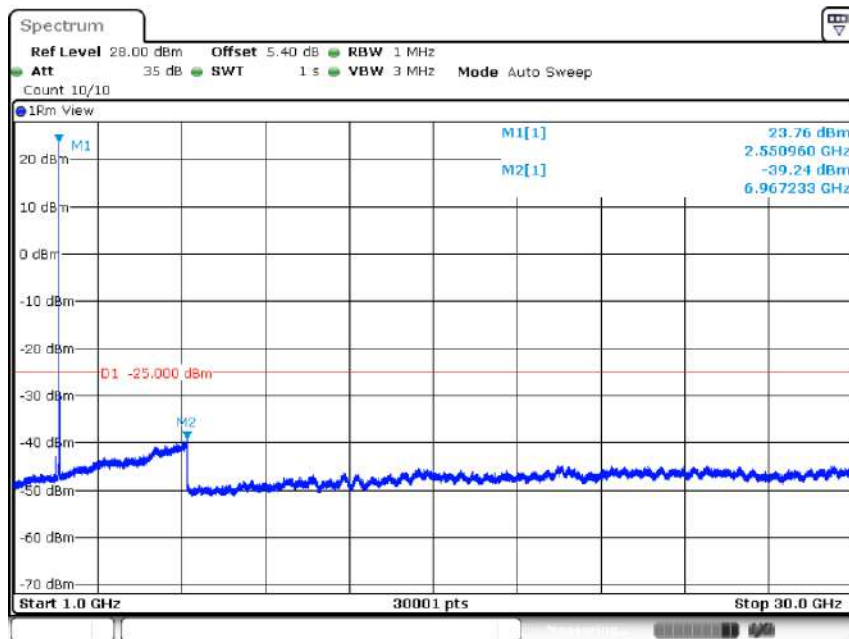
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Date: 8 DEC.2020 23:12:29

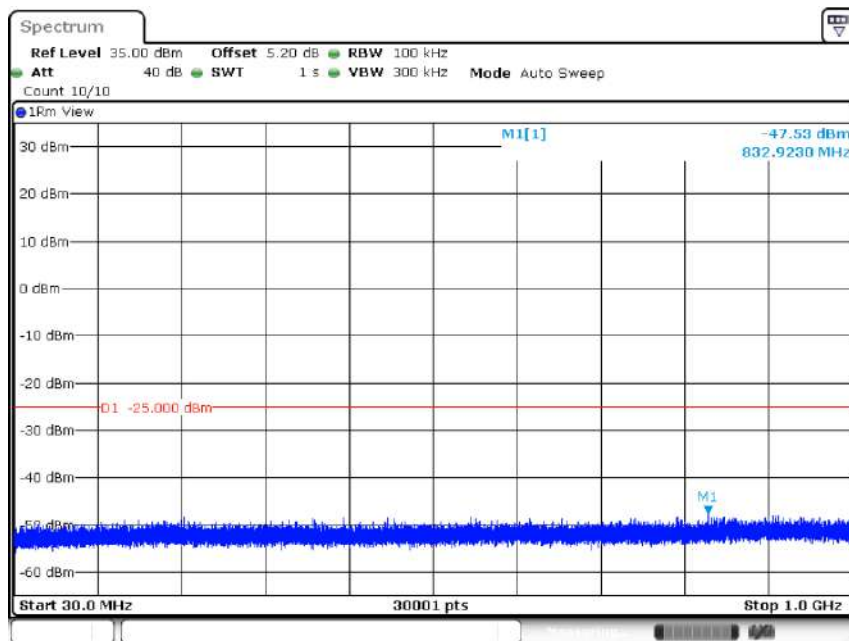


Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



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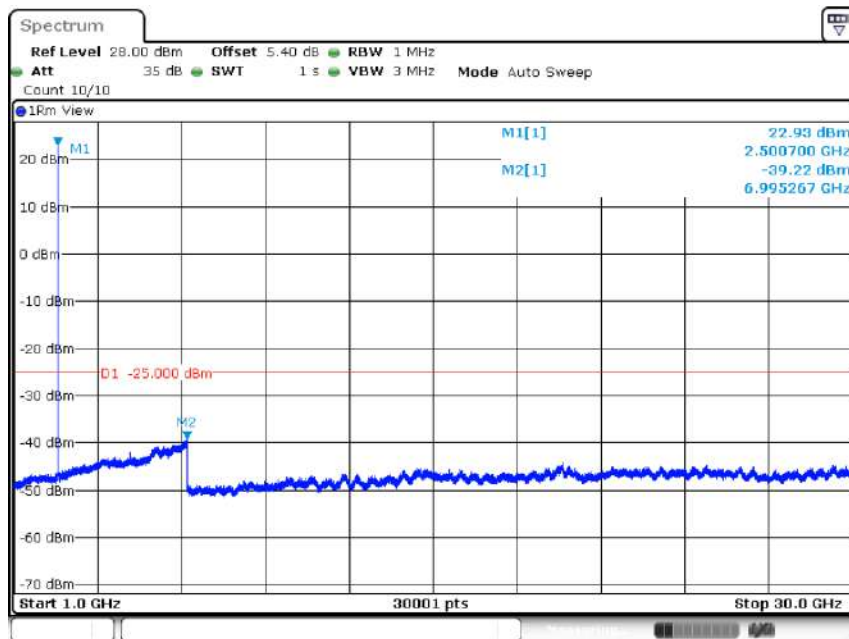
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Date: 9 DEC. 2020 00:44:27

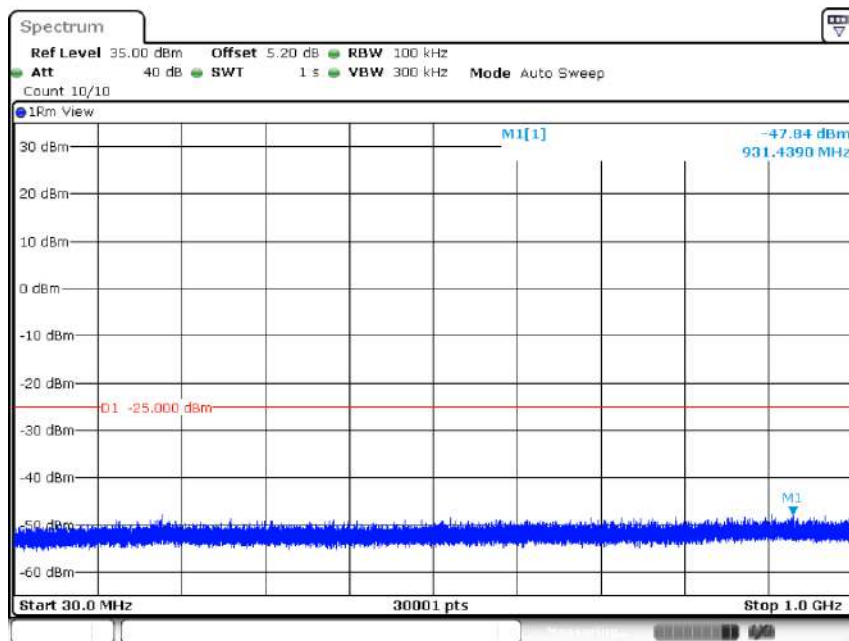


Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 9 DEC. 2020 00:44:43

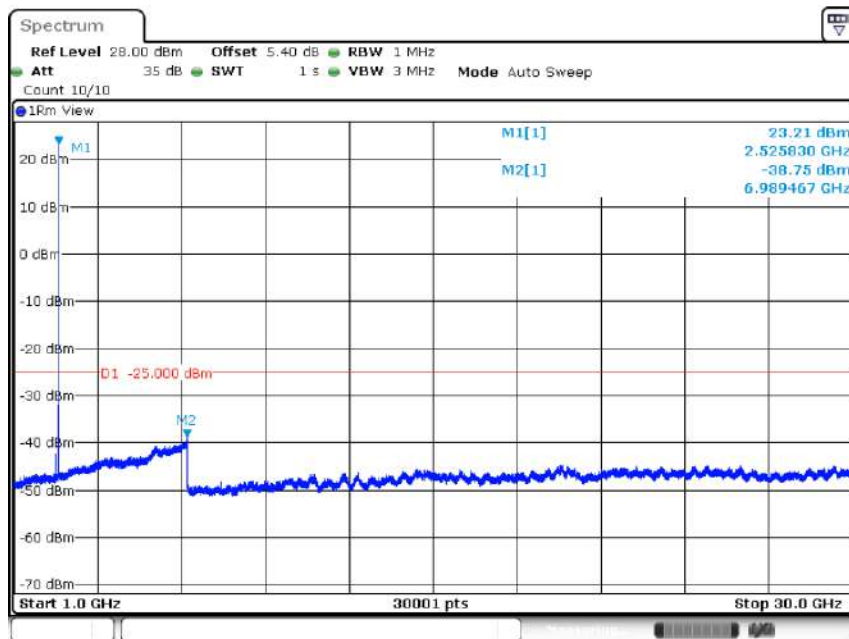
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Date: 9 DEC. 2020 00:45:02

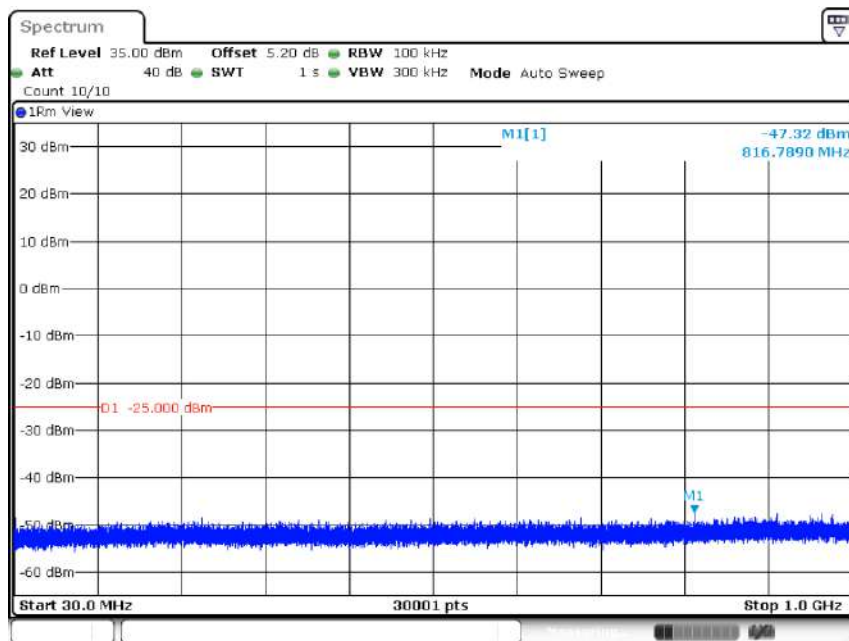


Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



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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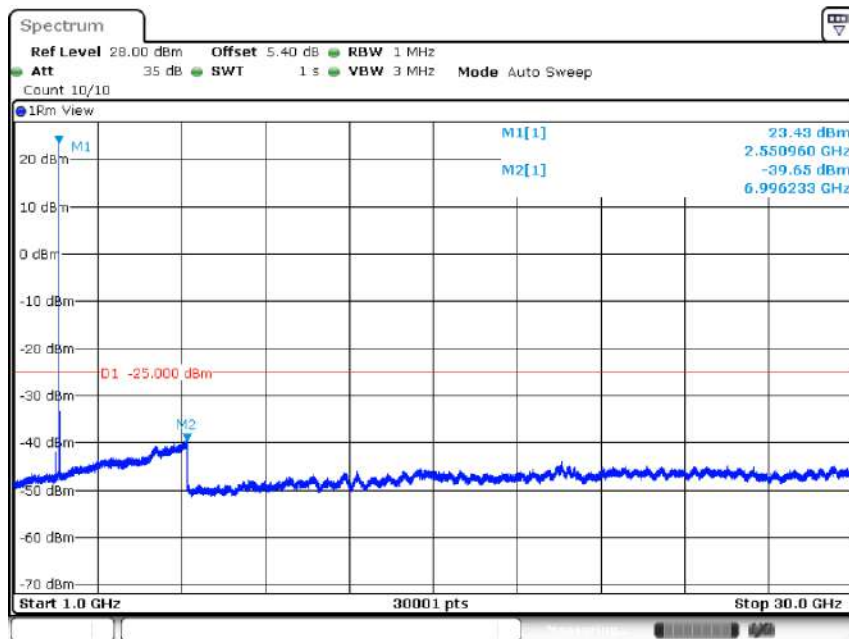
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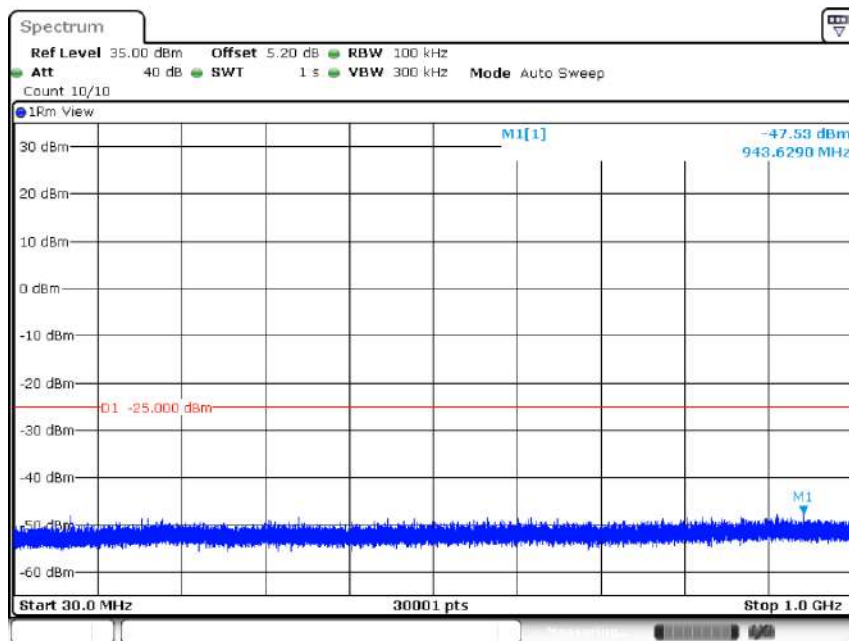
Member of the SGS Group (SGS SA)

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



Date: 9 DEC.2020 00:45:54

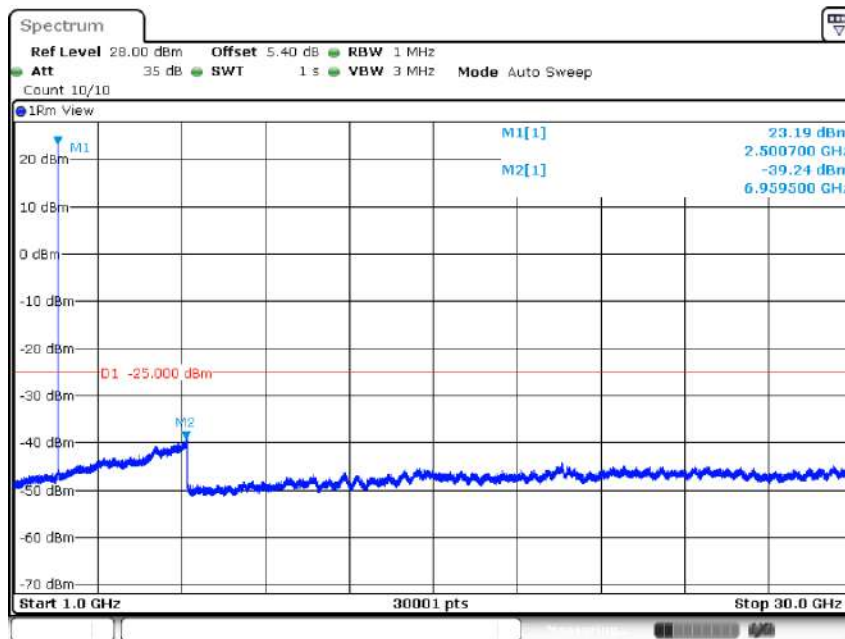
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Date: 8 DEC.2020 23:10:44

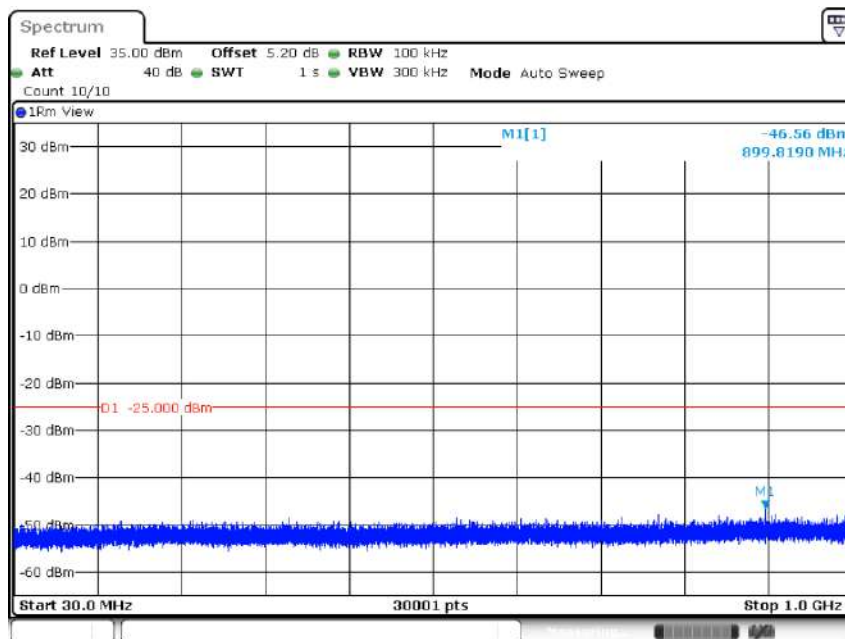


Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 8 DEC.2020 23:11:00

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



Date: 8 DEC.2020 23:11:54

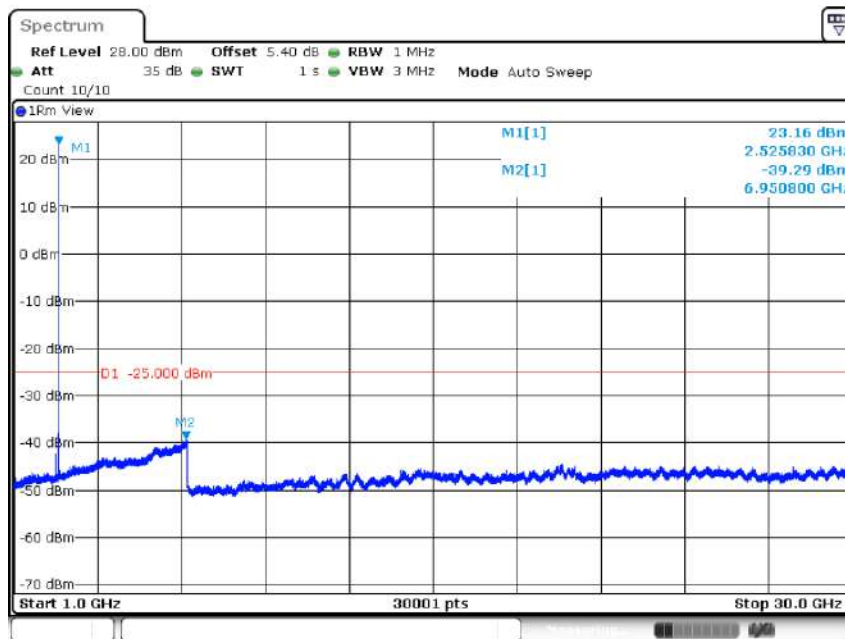


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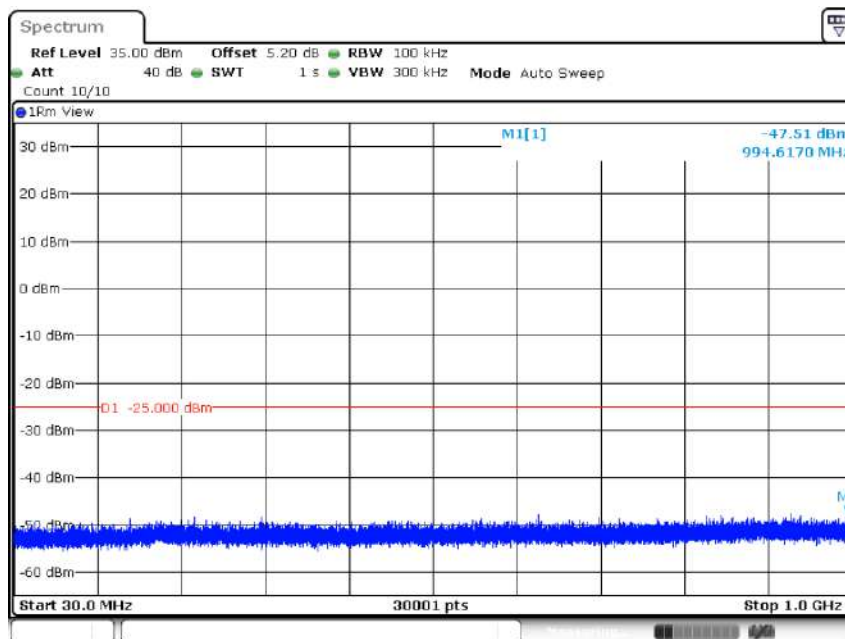
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 8 DEC.2020 23:12:10

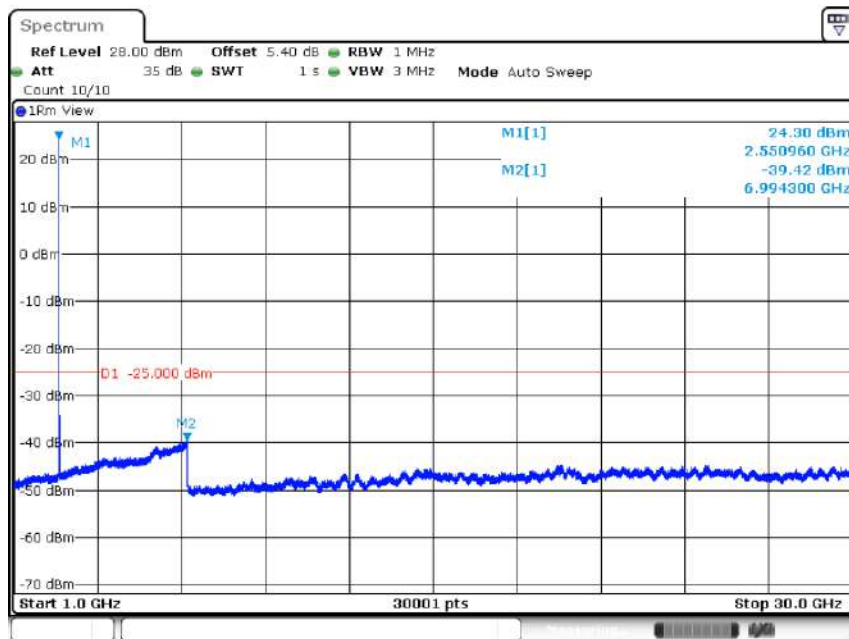
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Date: 8 DEC.2020 23:13:04



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



Date: 8 DEC. 2020 23:13:21

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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)	Height [cm]	Angle [°]	Polarization
56.800000	-79.44	-25.00	54.44	285	180	Vertical
125.000000	-83.10	-25.00	58.10	202	121	Vertical
345.200000	-84.07	-25.00	59.07	248	158	Vertical
4306.175000	-65.02	-25.00	40.02	171	13	Vertical
6145.025000	-63.45	-25.00	38.45	234	37	Vertical
10004.400000	-58.93	-25.00	33.93	151	129	Vertical
62.050000	-75.55	-25.00	50.55	153	102	Horizontal
159.350000	-86.27	-25.00	61.27	216	180	Horizontal
468.470833	-83.18	-25.00	58.18	288	147	Horizontal
4311.700000	-64.98	-25.00	39.98	290	63	Horizontal
6030.625000	-63.56	-25.00	38.56	193	180	Horizontal
10004.400000	-58.25	-25.00	33.25	269	154	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.900000	-79.27	-25.00	54.27	247	149	Vertical
125.000000	-83.37	-25.00	58.37	177	75	Vertical
341.400000	-84.51	-25.00	59.51	210	20	Vertical
4946.750000	-65.38	-25.00	40.38	173	177	Vertical
7201.275000	-62.65	-25.00	37.65	164	180	Vertical
10104.175000	-59.96	-25.00	34.96	182	131	Vertical
56.800000	-75.96	-25.00	50.96	220	39	Horizontal
88.700000	-85.51	-25.00	60.51	199	158	Horizontal
205.900000	-85.49	-25.00	60.49	285	180	Horizontal
4370.850000	-65.02	-25.00	40.02	260	180	Horizontal
6175.575000	-63.36	-25.00	38.36	160	180	Horizontal



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10104.500000	-58.50	-25.00	33.50	161	142	Horizontal
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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.200000	-79.16	-25.00	54.16	250	2	Vertical
125.000000	-83.79	-25.00	58.79	206	122	Vertical
343.800000	-84.70	-25.00	59.70	211	21	Vertical
4387.750000	-65.39	-25.00	40.39	253	63	Vertical
7072.250000	-62.69	-25.00	37.69	255	154	Vertical
10204.275000	-58.31	-25.00	33.31	217	143	Vertical
63.150000	-74.76	-25.00	49.76	255	180	Horizontal
89.150000	-85.20	-25.00	60.20	181	178	Horizontal
252.900000	-85.73	-25.00	60.73	277	180	Horizontal
4945.450000	-65.15	-25.00	40.15	211	107	Horizontal
7041.375000	-62.63	-25.00	37.63	156	107	Horizontal
10204.275000	-57.38	-25.00	32.38	153	152	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)	Height [cm]	Angle [°]	Polarization
65.300000	-79.43	-25.00	54.43	272	181	Vertical
104.300000	-77.31	-25.00	52.31	163	310	Vertical
316.950000	-83.78	-25.00	58.78	284	143	Vertical
5002.325000	-58.69	-25.00	33.69	167	152	Vertical
7503.200000	-44.52	-25.00	19.52	212	255	Vertical
10004.400000	-59.26	-25.00	34.26	291	107	Vertical
55.600000	-75.28	-25.00	50.28	193	180	Horizontal
159.350000	-82.92	-25.00	57.92	217	139	Horizontal
333.700000	-83.38	-25.00	58.38	244	158	Horizontal
5002.000000	-61.22	-25.00	36.22	175	49	Horizontal
7503.200000	-43.71	-25.00	18.71	189	180	Horizontal



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12505.600000	-58.05	-25.00	33.05	261	180	Horizontal
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7.2.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.500000	-79.36	-25.00	54.36	259	180	Vertical
104.250000	-77.18	-25.00	52.18	179	139	Vertical
328.150000	-82.51	-25.00	57.51	157	158	Vertical
5052.050000	-57.37	-25.00	32.37	210	49	Vertical
7578.275000	-45.12	-25.00	20.12	283	180	Vertical
10104.175000	-57.91	-25.00	32.91	255	180	Vertical
56.300000	-75.03	-25.00	50.03	184	180	Horizontal
89.550000	-80.16	-25.00	55.16	199	139	Horizontal
159.400000	-83.24	-25.00	58.24	258	158	Horizontal
5052.050000	-59.85	-25.00	34.85	264	49	Horizontal
7578.275000	-41.24	-25.00	16.25	282	180	Horizontal
12630.725000	-57.89	-25.00	32.89	240	180	Horizontal

7.2.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.600000	-79.40	-25.00	54.40	217	180	Vertical
125.000000	-82.61	-25.00	57.61	182	139	Vertical
335.200000	-83.66	-25.00	58.66	278	158	Vertical
5102.100000	-63.77	-25.00	38.77	274	49	Vertical
7653.025000	-56.11	-25.00	31.11	266	180	Vertical
10204.275000	-53.75	-25.00	28.75	261	180	Vertical
56.100000	-75.53	-25.00	50.53	180	180	Horizontal
92.400000	-80.52	-25.00	55.52	219	139	Horizontal
304.350000	-81.78	-25.00	56.78	254	158	Horizontal
5101.775000	-61.97	-25.00	36.97	283	49	Horizontal
7653.350000	-57.24	-25.00	32.24	265	180	Horizontal
10614.100000	-60.50	-25.00	35.50	289	180	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



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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 h	Modulation n	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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