



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT5:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.22	23.32	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.34	23.44	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.39	23.49	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.31	22.41	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.32	22.42	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.43	22.53	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.37	22.47	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.27	23.37	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.36	23.46	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.29	23.39	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.37	22.47	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.35	22.45	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.44	22.54	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.42	22.52	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.23	23.33	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.51	23.61	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.57	23.67	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.48	22.58	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.52	22.62	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.58	22.68	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.55	22.65	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.46	22.56	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.47	22.57	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.63	22.73	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.26	21.36	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.35	21.45	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.46	21.56	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.32	21.42	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.28	22.38	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.53	22.63	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.60	22.70	33.00	PASS



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Band7	5MHz	16QAM	21100	12RB#0	21.40	21.50	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.37	21.47	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.43	21.53	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.31	21.41	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.42	22.52	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.68	22.78	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.72	22.82	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.48	21.58	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.45	21.55	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.46	21.56	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.53	21.63	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.25	21.35	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.28	21.38	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.31	21.41	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.23	20.33	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.26	20.36	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.38	20.48	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.32	20.42	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.26	21.36	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.24	21.34	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.23	21.33	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.25	20.35	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.33	20.43	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.40	20.50	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.34	20.44	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.20	21.30	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.49	21.59	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.48	21.58	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.42	20.52	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.51	20.61	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.48	20.58	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.52	20.62	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.21	23.31	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.43	23.53	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.32	23.42	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.30	22.40	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.36	22.46	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.46	22.56	33.00	PASS



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Band7	10MHz	QPSK	20800	50RB#0	22.29	22.39	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.28	23.38	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.32	23.42	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.28	23.38	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.30	22.40	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.35	22.45	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.40	22.50	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.41	22.51	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.21	23.31	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.53	23.63	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.61	23.71	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.51	22.61	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.49	22.59	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.56	22.66	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.48	22.58	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.38	22.48	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.55	22.65	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.54	22.64	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.31	21.41	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.31	21.41	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.40	21.50	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.37	21.47	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.26	22.36	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.49	22.59	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.55	22.65	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.33	21.43	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.31	21.41	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.42	21.52	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.34	21.44	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.38	22.48	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.67	22.77	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.68	22.78	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.47	21.57	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.41	21.51	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.55	21.65	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.51	21.61	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.22	21.32	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.32	21.42	33.00	PASS



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Band7	10MHz	64QAM	20800	1RB#49	21.27	21.37	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.21	20.31	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.28	20.38	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.37	20.47	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.25	20.35	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.23	21.33	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.28	21.38	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.21	21.31	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.29	20.39	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.32	20.42	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.35	20.45	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.40	20.50	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.21	21.31	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.44	21.54	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.58	21.68	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.43	20.53	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.37	20.47	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.50	20.60	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.47	20.57	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.31	23.41	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.42	23.52	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.32	23.42	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.24	22.34	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.35	22.45	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.40	22.50	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.35	22.45	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.33	23.43	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.29	23.39	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.34	23.44	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.39	22.49	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.38	22.48	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.40	22.50	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.44	22.54	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.30	23.40	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.48	23.58	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.59	23.69	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.50	22.60	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.48	22.58	33.00	PASS



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Band7	15MHz	QPSK	21375	38RB#37	22.49	22.59	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.51	22.61	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.35	22.45	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.45	22.55	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.56	22.66	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.23	21.33	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.36	21.46	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.42	21.52	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.29	21.39	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.29	22.39	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.50	22.60	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.62	22.72	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.38	21.48	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.28	21.38	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.37	21.47	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.32	21.42	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.34	22.44	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.66	22.76	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.72	22.82	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.47	21.57	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.51	21.61	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.57	21.67	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.55	21.65	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.28	21.38	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.38	21.48	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.26	21.36	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.23	20.33	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.29	20.39	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.39	20.49	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.28	20.38	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.21	21.31	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.27	21.37	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.27	21.37	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.37	20.47	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.28	20.38	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.34	20.44	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.32	20.42	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.25	21.35	33.00	PASS



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Band7	15MHz	64QAM	21375	1RB#38	21.44	21.54	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.50	21.60	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.45	20.55	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.45	20.55	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.47	20.57	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.47	20.57	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.21	23.31	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.35	23.45	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.31	23.41	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.22	22.32	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.33	22.43	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.40	22.50	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.28	22.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.28	23.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.28	23.38	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.29	23.39	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.29	22.39	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.31	22.41	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.34	22.44	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.34	22.44	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.21	23.31	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.43	23.53	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.52	23.62	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.45	22.55	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.46	22.56	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.49	22.59	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.45	22.55	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.36	22.46	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.45	22.55	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.53	22.63	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.21	21.31	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.29	21.39	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.39	21.49	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.28	21.38	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.27	22.37	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.46	22.56	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.52	22.62	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.30	21.40	33.00	PASS



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Band7	20MHz	16QAM	21100	50RB#25	21.28	21.38	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.37	21.47	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.31	21.41	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.33	22.43	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.60	22.70	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.64	22.74	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.43	21.53	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.42	21.52	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.47	21.57	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.46	21.56	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.28	21.38	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.26	21.36	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.29	21.39	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.26	20.36	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.28	20.38	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.37	20.47	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.28	20.38	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.22	21.32	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.22	21.32	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.28	21.38	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.24	20.34	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.23	20.33	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.22	20.32	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.25	20.35	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.25	21.35	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.35	21.45	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.49	21.59	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.38	20.48	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.38	20.48	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.41	20.51	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.40	20.50	33.00	PASS



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ANT8:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.76	21.93	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.58	21.75	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.64	21.81	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.64	20.81	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.55	20.72	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.63	20.80	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.63	20.80	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.76	21.93	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.67	21.84	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.78	21.95	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.68	20.85	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.68	20.85	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.63	20.80	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.67	20.84	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.76	21.93	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.94	22.11	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.98	22.15	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.74	20.91	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.81	20.98	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.81	20.98	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.82	20.99	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.95	21.12	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.92	21.09	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	23.07	21.24	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.62	19.79	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.57	19.74	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.58	19.75	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.56	19.73	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.94	21.11	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.18	21.35	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.11	21.28	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.72	19.89	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	21.70	19.87	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.57	19.74	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.69	19.86	33.00	PASS



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Band7	5MHz	16QAM	21425	1RB#0	22.74	20.91	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.74	20.91	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.82	20.99	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.80	19.97	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.86	20.03	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.80	19.97	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.83	20.00	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.65	19.82	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.58	19.75	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.62	19.79	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.54	18.71	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.59	18.76	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.57	18.74	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.59	18.76	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.64	19.81	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	21.65	19.82	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.76	19.93	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.65	18.82	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.56	18.73	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.51	18.68	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.63	18.80	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.66	19.83	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.88	20.05	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.89	20.06	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.64	18.81	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.69	18.86	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.69	18.86	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.76	18.93	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.59	21.76	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.61	21.78	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.80	21.97	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.59	20.76	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.60	20.77	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.68	20.85	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.68	20.85	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.73	21.90	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.76	21.93	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.77	21.94	33.00	PASS



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Band7	10MHz	QPSK	21100	25RB#0	22.73	20.90	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.67	20.84	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.72	20.89	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.73	20.90	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.75	21.92	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.78	21.95	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.86	22.03	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.80	20.97	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.79	20.96	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.83	21.00	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.84	21.01	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	22.86	21.03	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.04	21.21	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.72	20.89	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.60	19.77	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.67	19.84	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.69	19.86	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.64	19.81	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.00	21.17	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.80	20.97	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.90	21.07	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.71	19.88	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.64	19.81	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.75	19.92	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.73	19.90	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.08	21.25	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.62	20.79	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.85	21.02	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.89	20.06	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.75	19.92	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.77	19.94	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.78	19.95	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.56	19.73	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.59	19.76	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.74	19.91	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	20.54	18.71	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.59	18.76	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.56	18.73	33.00	PASS



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Band7	10MHz	64QAM	20800	50RB#0	20.61	18.78	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.68	19.85	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.66	19.83	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.70	19.87	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.63	18.80	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.58	18.75	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.62	18.79	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.65	18.82	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.63	19.80	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.72	19.89	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.83	20.00	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.72	18.89	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.76	18.93	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.71	18.88	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.75	18.92	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.71	21.88	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.85	22.02	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.81	21.98	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.57	20.74	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.63	20.80	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.75	20.92	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.64	20.81	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.78	21.95	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.66	21.83	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.55	21.72	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.72	20.89	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.65	20.82	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.74	20.91	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.72	20.89	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.77	21.94	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.01	22.18	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.87	22.04	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.78	20.95	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.77	20.94	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.83	21.00	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.82	20.99	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.80	20.97	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.52	20.69	33.00	PASS



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Band7	15MHz	16QAM	20825	1RB#74	22.77	20.94	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.66	19.83	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.58	19.75	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.79	19.96	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.67	19.84	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	23.00	21.17	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.85	21.02	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	23.13	21.30	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.69	19.86	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.60	19.77	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.70	19.87	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.70	19.87	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.65	20.82	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.05	21.22	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.07	21.24	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.77	19.94	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.79	19.96	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.76	19.93	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.79	19.96	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.69	19.86	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.83	20.00	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.80	19.97	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.52	18.69	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.62	18.79	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.74	18.91	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.52	18.69	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.73	19.90	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.57	19.74	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.53	19.70	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.60	18.77	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.63	18.80	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.66	18.83	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.60	18.77	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.68	19.85	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.96	20.13	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.77	19.94	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.77	18.94	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.66	18.83	33.00	PASS



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Band7	15MHz	64QAM	21375	38RB#37	20.78	18.95	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.70	18.87	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.56	21.73	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.69	21.86	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.61	21.78	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.54	20.71	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.64	20.81	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.76	20.93	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.67	20.84	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.57	21.74	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.67	21.84	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.71	21.88	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.77	20.94	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.70	20.87	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.78	20.95	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.74	20.91	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.53	21.70	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.77	21.94	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.82	21.99	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.75	20.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.81	20.98	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.74	20.91	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.78	20.95	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.51	20.68	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.67	20.84	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.53	20.70	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.52	19.69	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.60	19.77	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.70	19.87	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.65	19.82	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.52	20.69	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	23.09	21.26	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.06	21.23	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.73	19.90	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.64	19.81	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.71	19.88	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.74	19.91	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.52	20.69	33.00	PASS



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Band7	20MHz	16QAM	21350	1RB#49	22.85	21.02	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.80	20.97	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.76	19.93	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.85	20.02	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.74	19.91	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.71	19.88	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.54	19.71	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.58	19.75	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.57	19.74	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.56	18.73	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.52	18.69	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.64	18.81	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.59	18.76	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.53	19.70	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.65	19.82	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.60	19.77	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.74	18.91	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.59	18.76	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.68	18.85	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.70	18.87	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.50	19.67	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.76	19.93	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.76	19.93	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.71	18.88	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.71	18.88	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.65	18.82	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.74	18.91	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator.



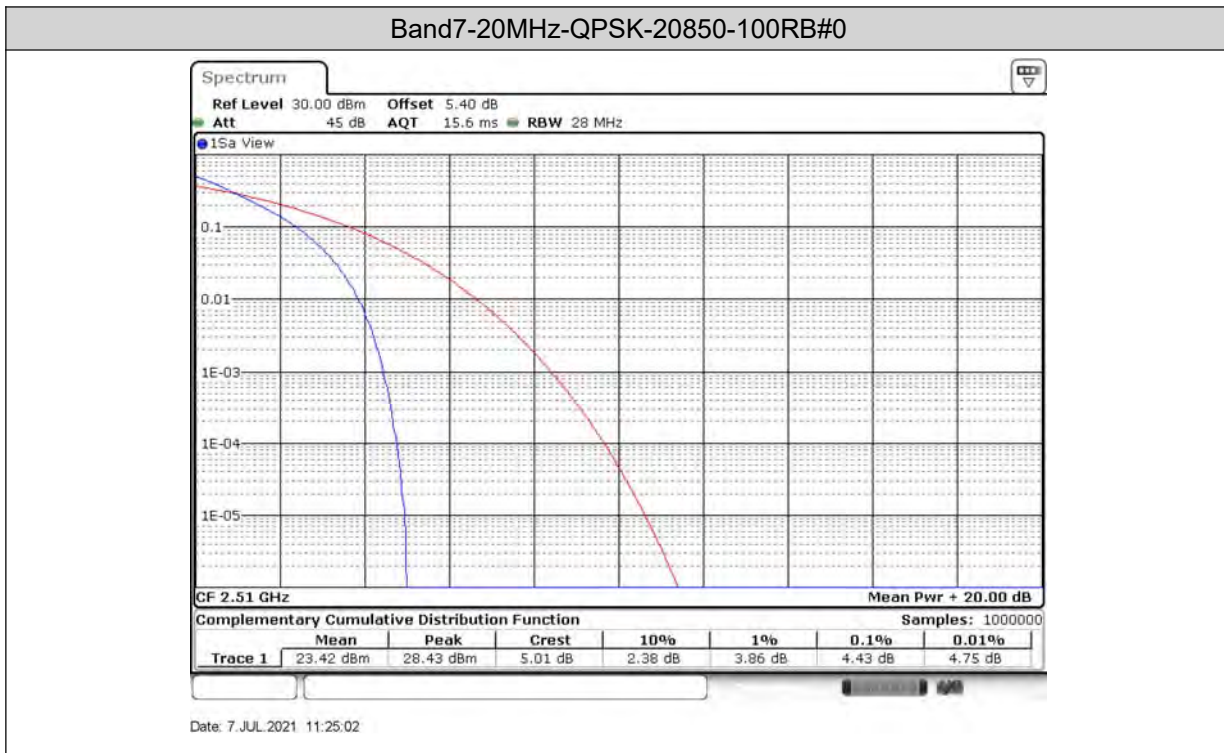
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.43	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.90	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.43	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.33	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.77	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.30	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.88	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.26	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.94	13	PASS

2.2. Test Plots



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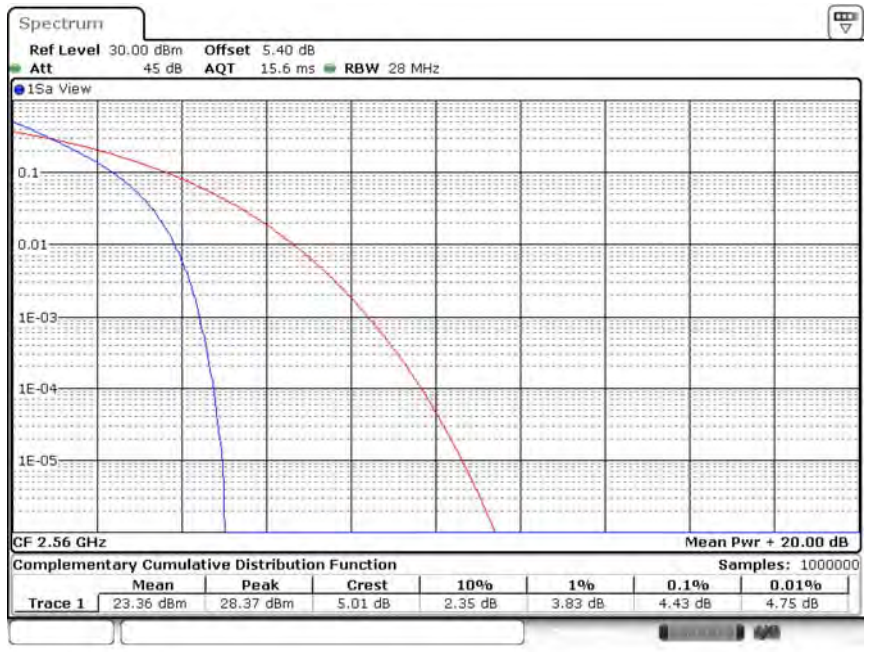
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Band7-20MHz-QPSK-21100-100RB#0



Date: 7.JUL.2021 11:25:36

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



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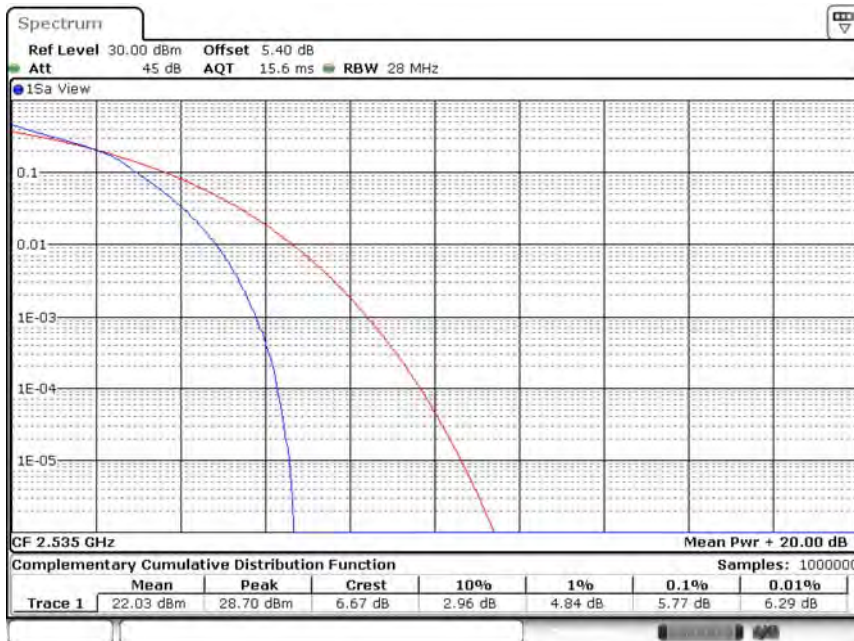
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Band7-20MHz-16QAM-20850-100RB#0



Date: 7.JUL.2021 11:25:19

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

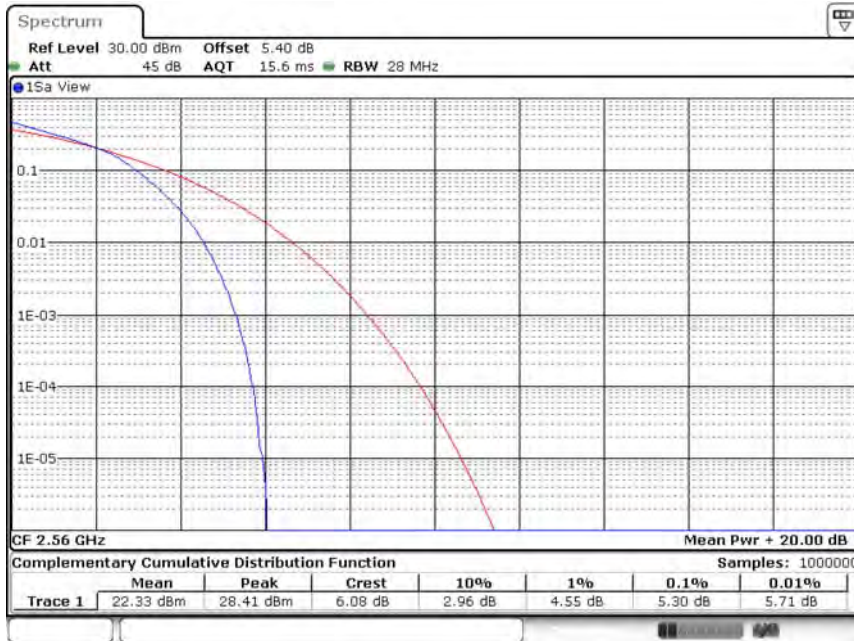


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Band7-20MHz-16QAM-21350-100RB#0



Date: 7.JUL.2021 11:26:26

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



Date: 7.JUL.2021 14:16:14



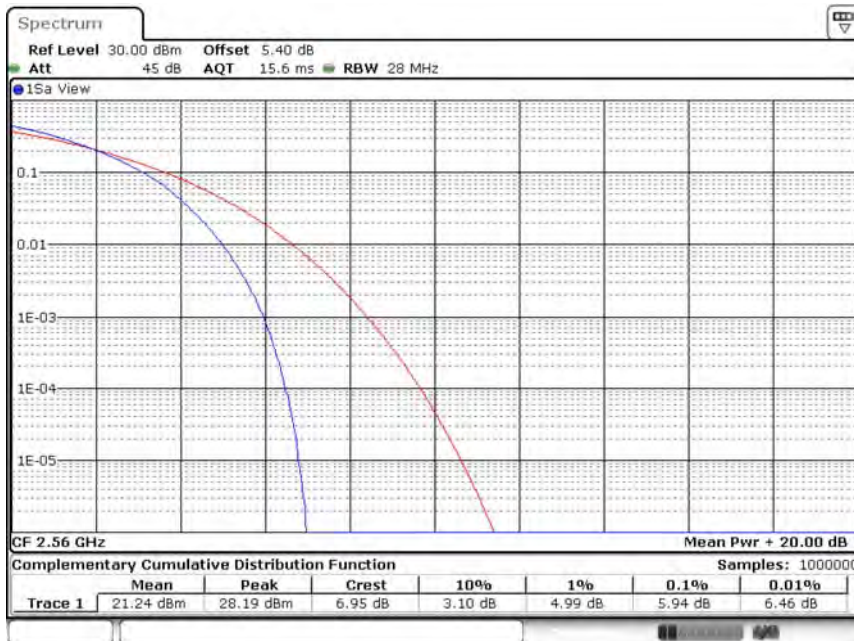
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Band7-20MHz-64QAM-21100-100RB#0



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



Date: 7.JUL.2021 14:16:48



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



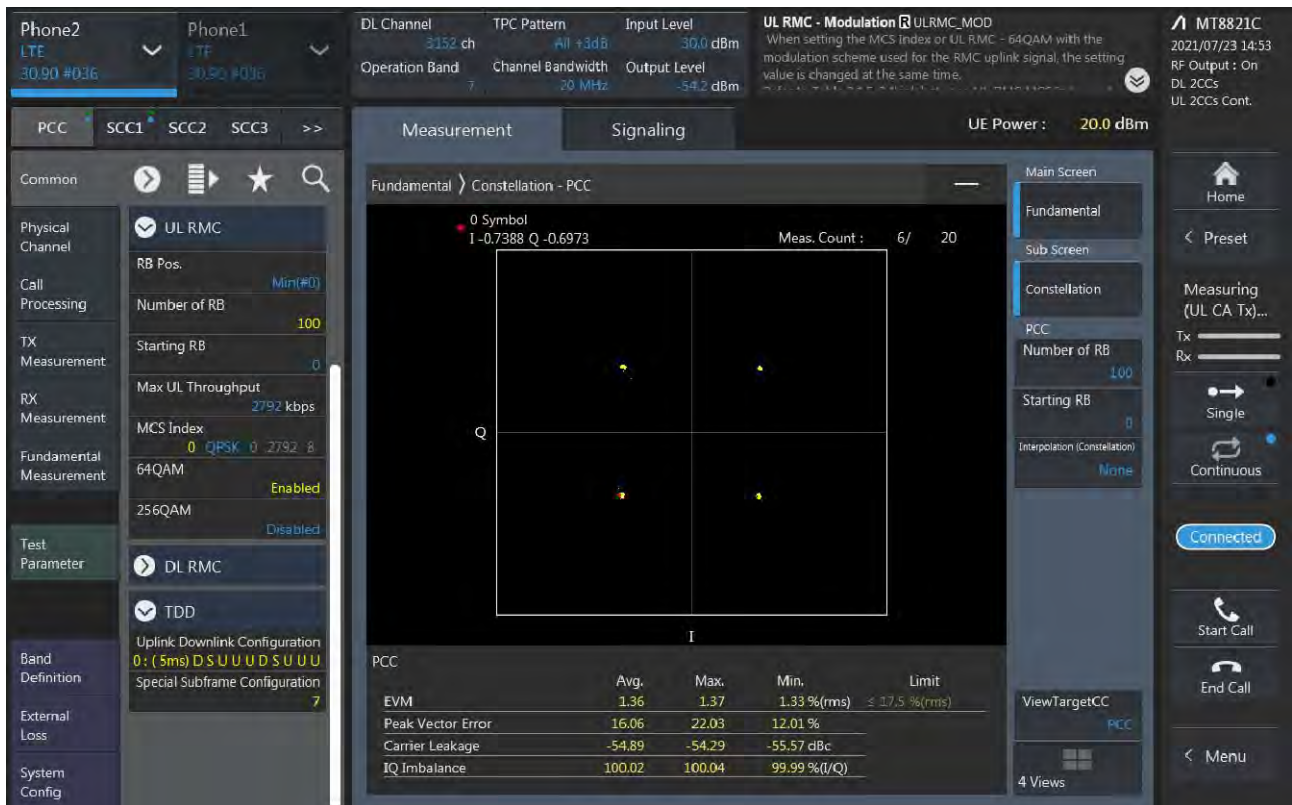
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1 Test Channel = MCH

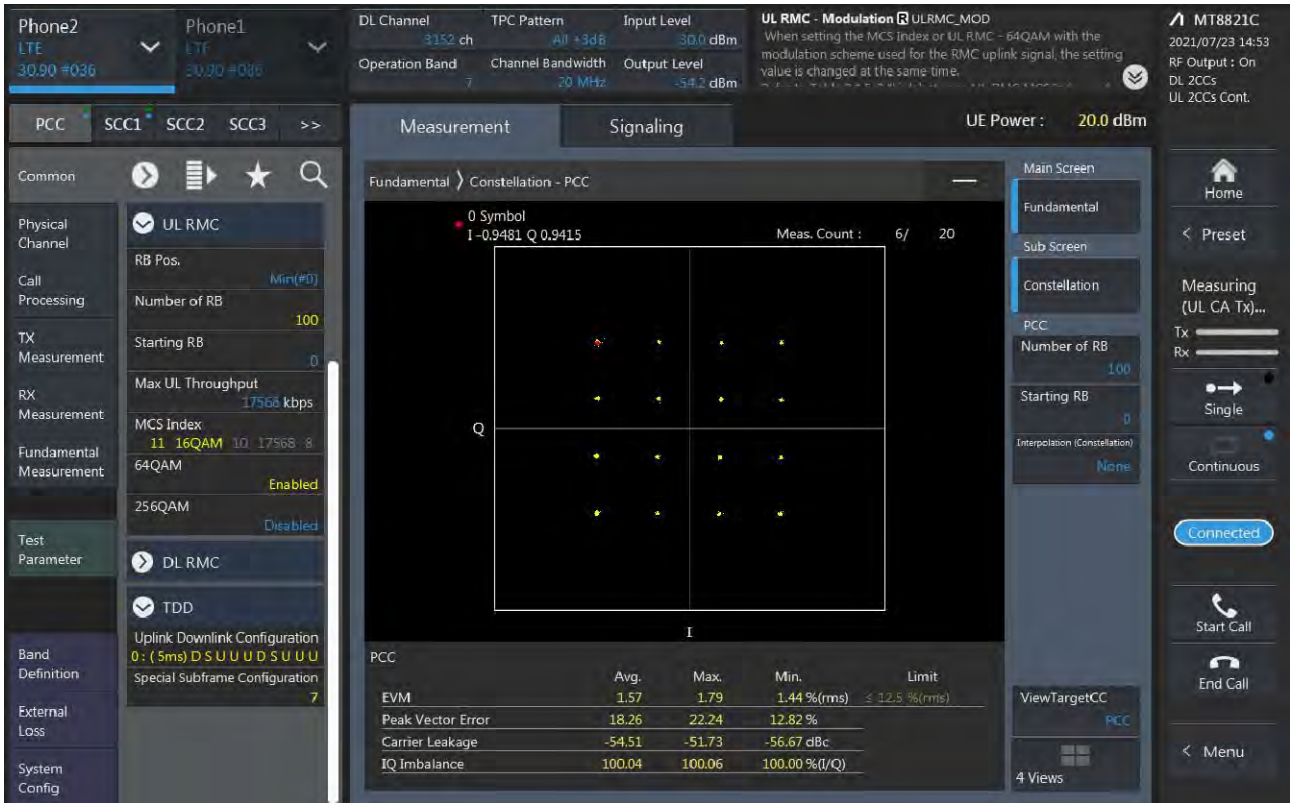


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3.2.1. Test Mode = LTE /TM2 20MHz

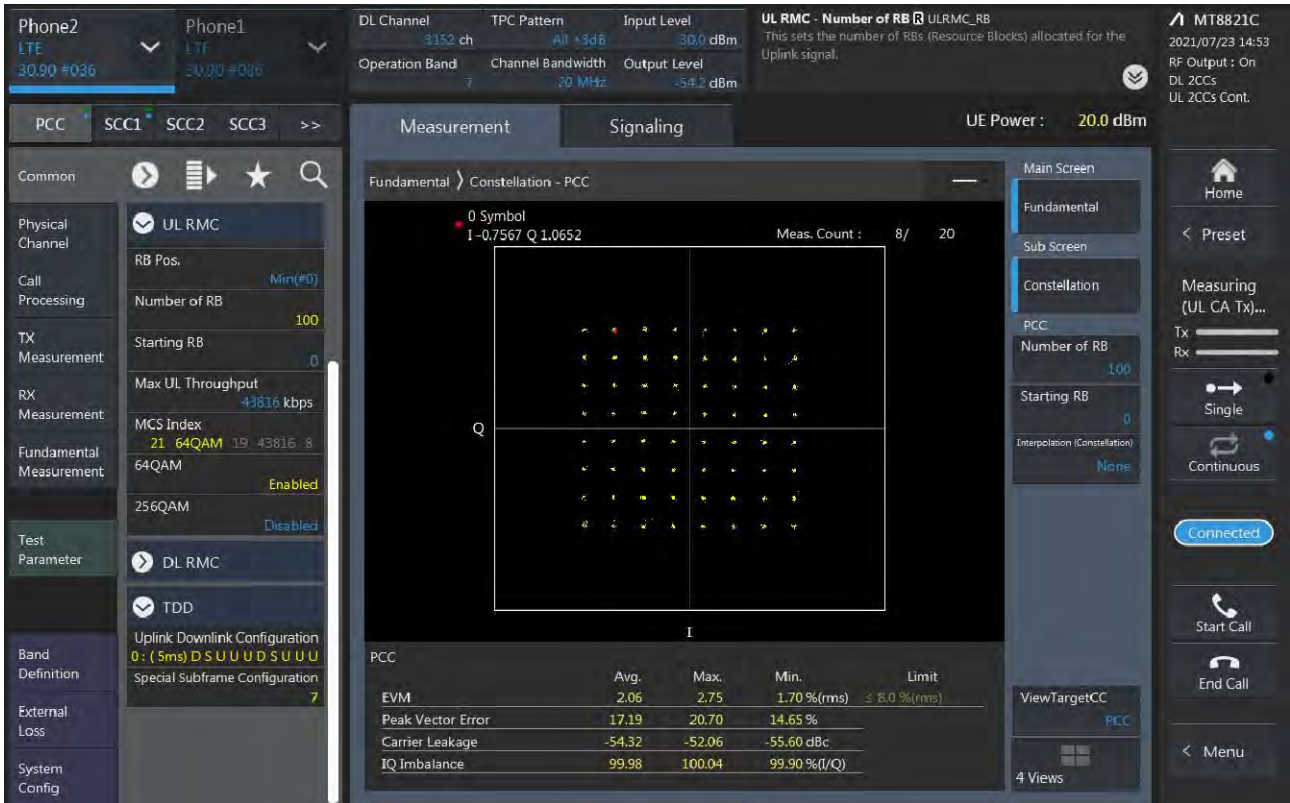
3.2.1.1. Test Channel = MCH





3.3.1. Test Mode = LTE /TM3 20MHz

3.3.1.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	4.860	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.860	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.880	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.466	4.910	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.466	4.960	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.466	4.960	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.880	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.880	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.890	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.951	9.660	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.951	9.760	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.951	9.660	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.660	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.660	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.931	9.640	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.660	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.931	9.640	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.660	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	14.790	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.487	14.790	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.487	14.850	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.850	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.910	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.457	14.880	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.457	14.760	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.790	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.457	14.820	PASS



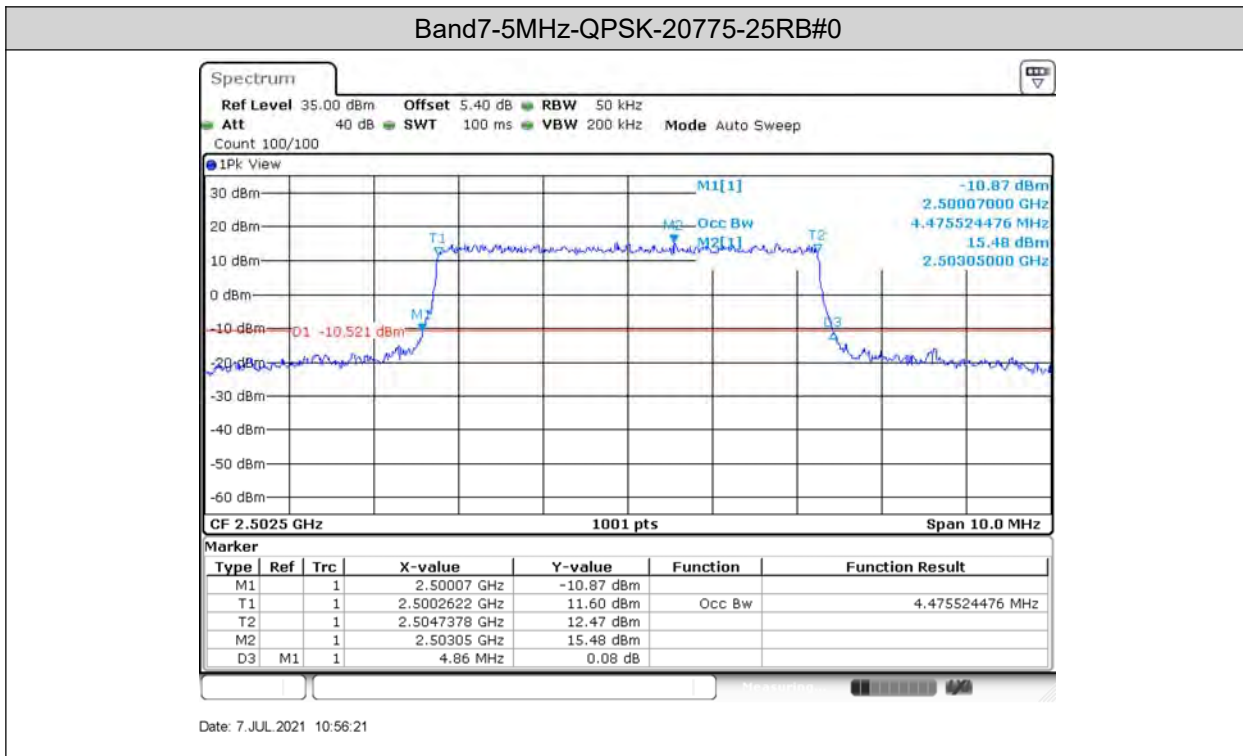
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Band7	20MHz	QPSK	20850	100RB#0	17.942	19.960	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.982	19.520	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.942	19.560	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.320	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.902	19.400	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.942	19.400	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.862	19.360	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.902	19.440	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.902	19.400	PASS

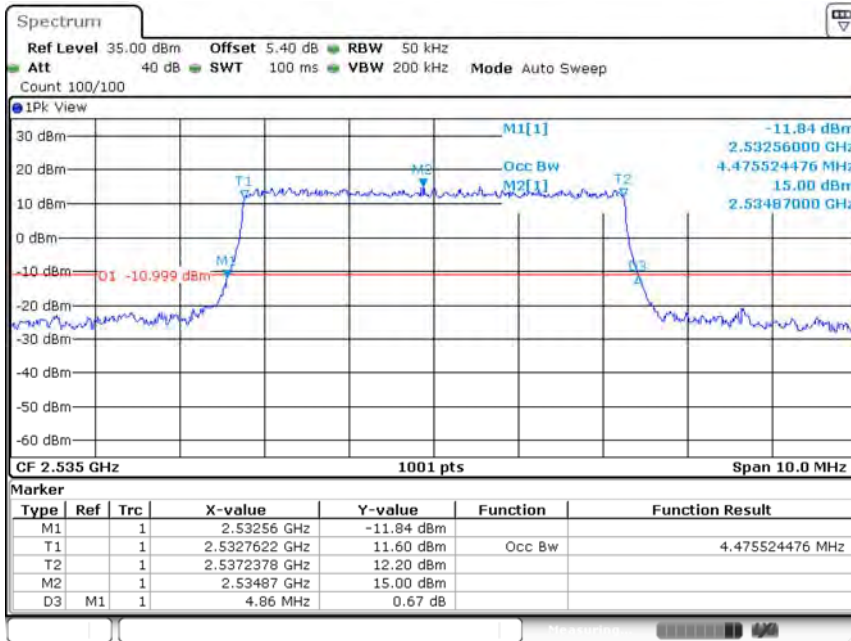
4.2. Test Plots



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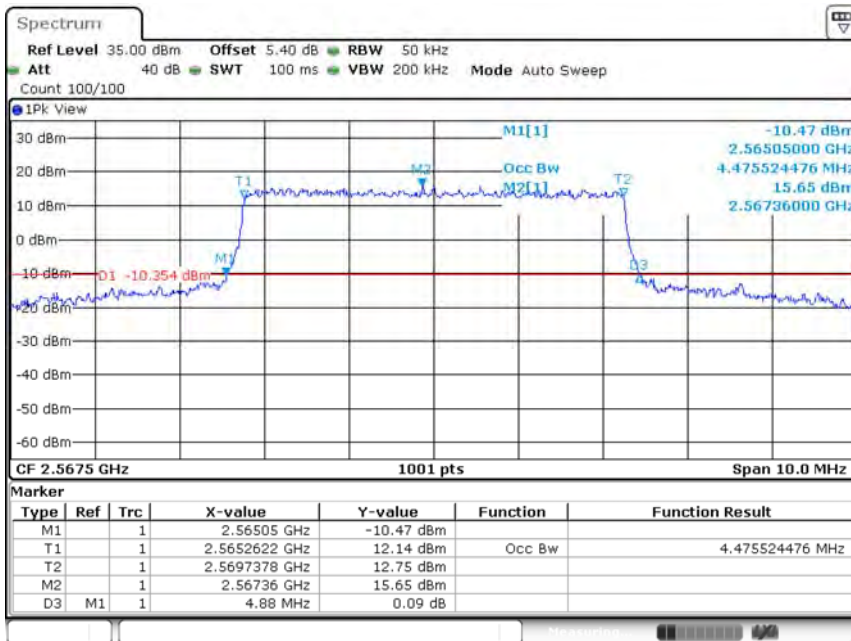
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Band7-5MHz-QPSK-21100-25RB#0



Date: 7.JUL.2021 10:57:12

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



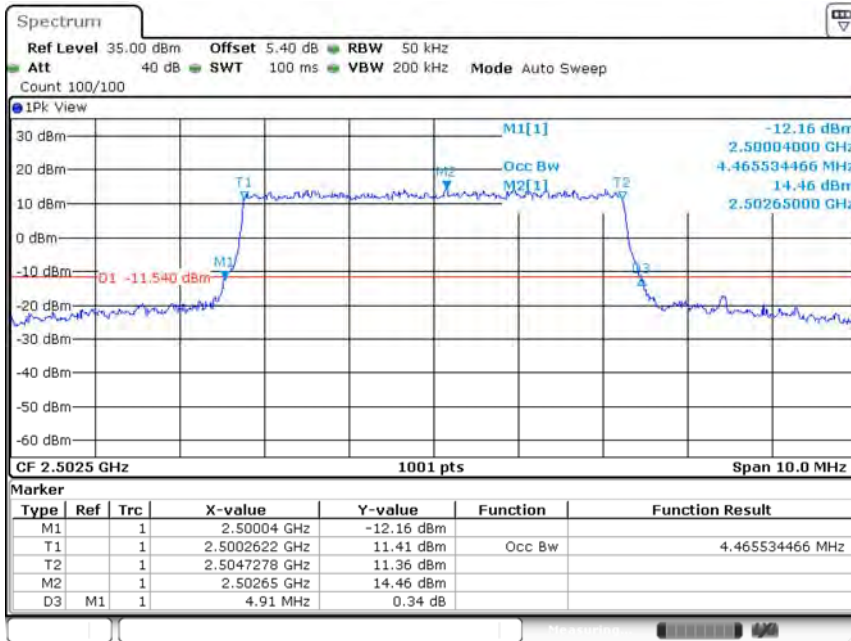
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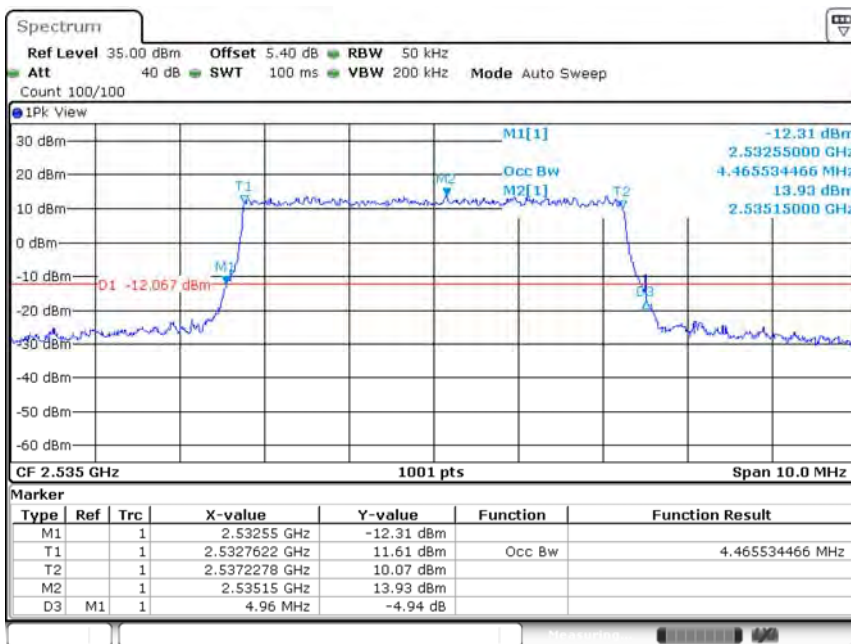
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Band7-5MHz-16QAM-20775-25RB#0



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

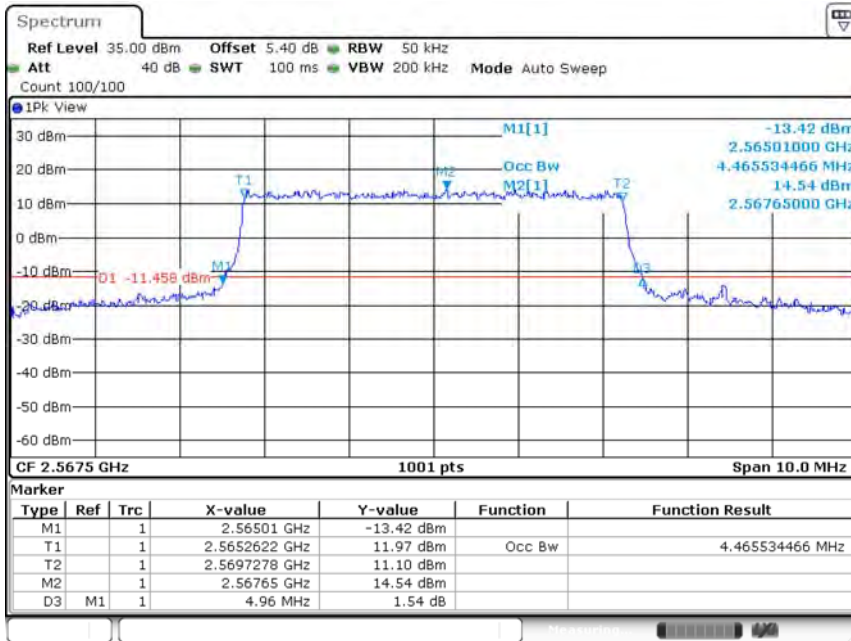


Date: 7. JUL 2021 10:57:37



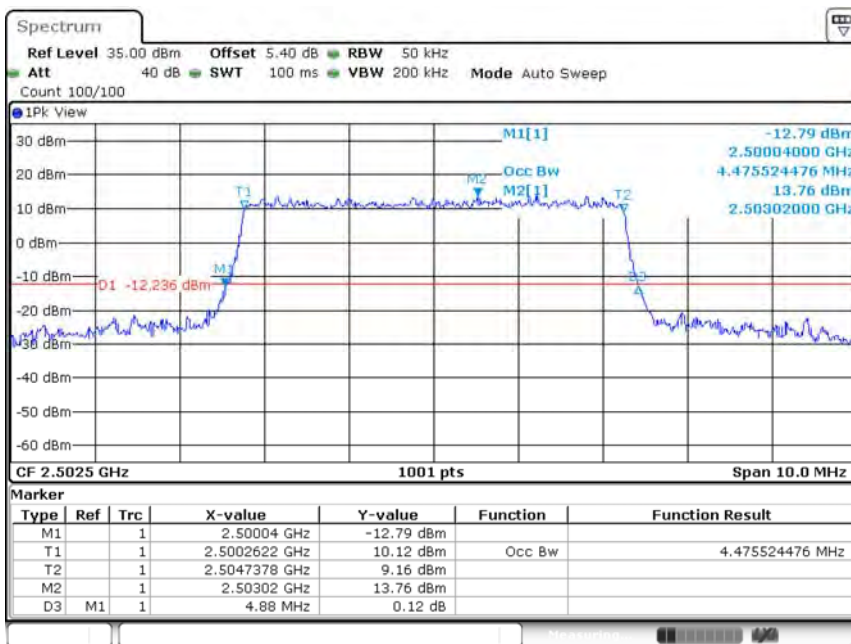
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Band7-5MHz-16QAM-21425-25RB#0



Date: 7.JUL.2021 10:58:29

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

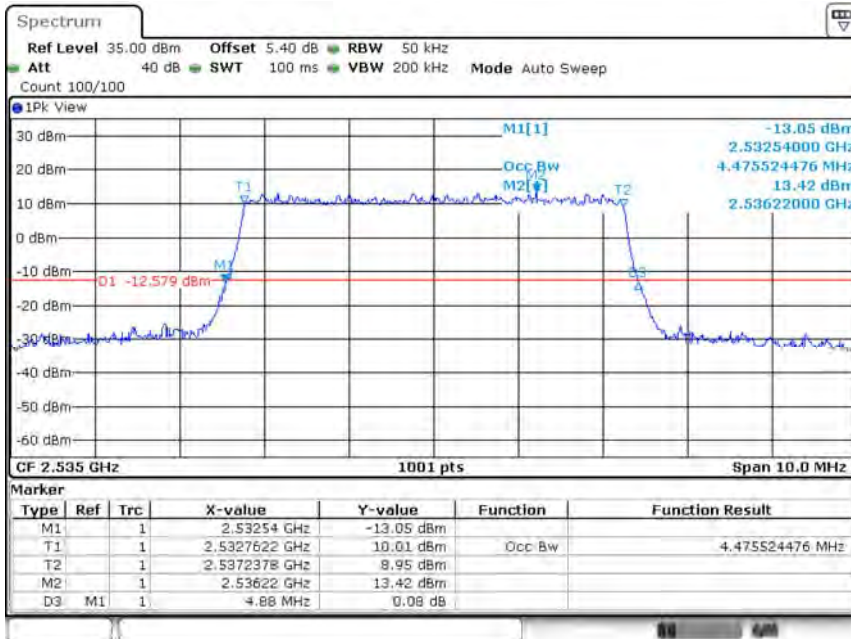


Date: 7.JUL.2021 13:59:14



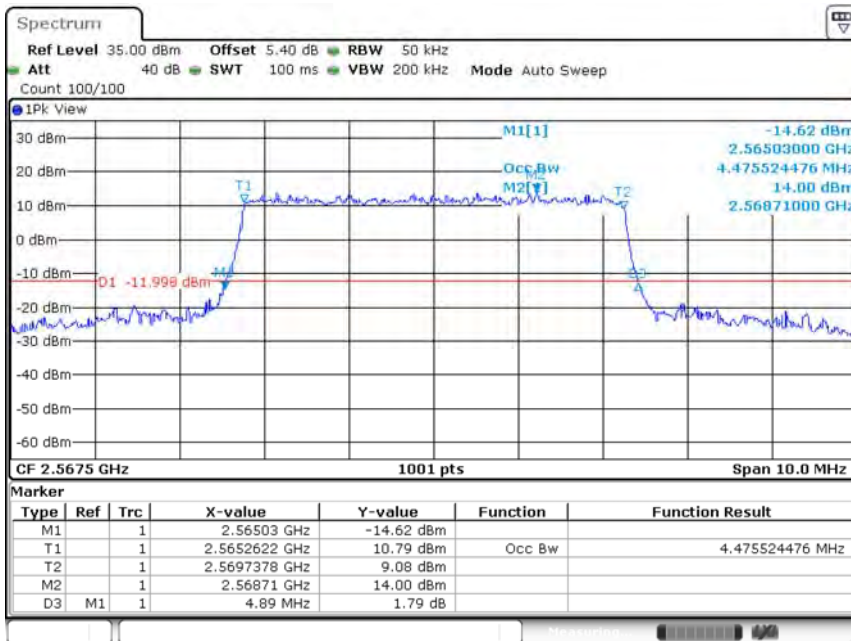
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Band7-5MHz-64QAM-21100-25RB#0



Date: 7.JUL.2021 13:59:40

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



Date: 7.JUL.2021 14:00:05

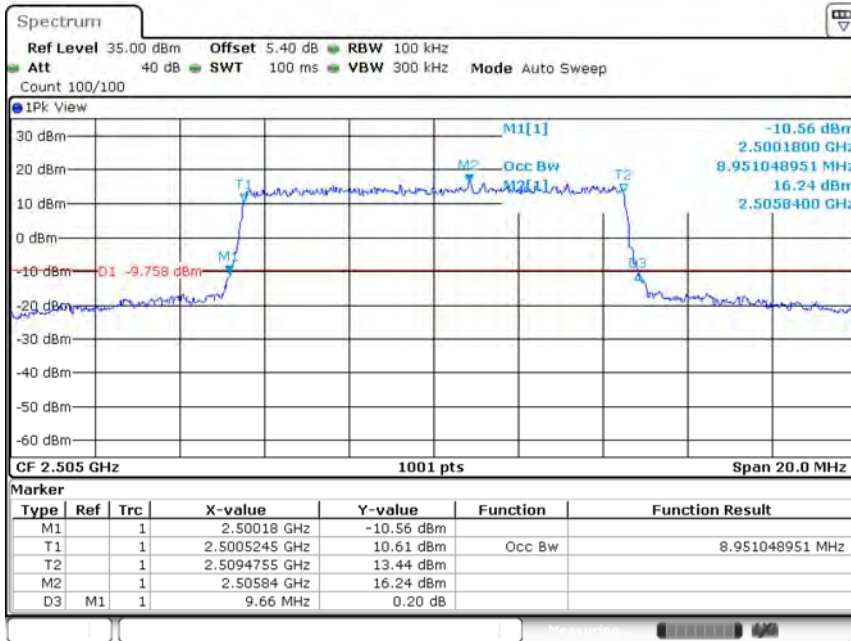


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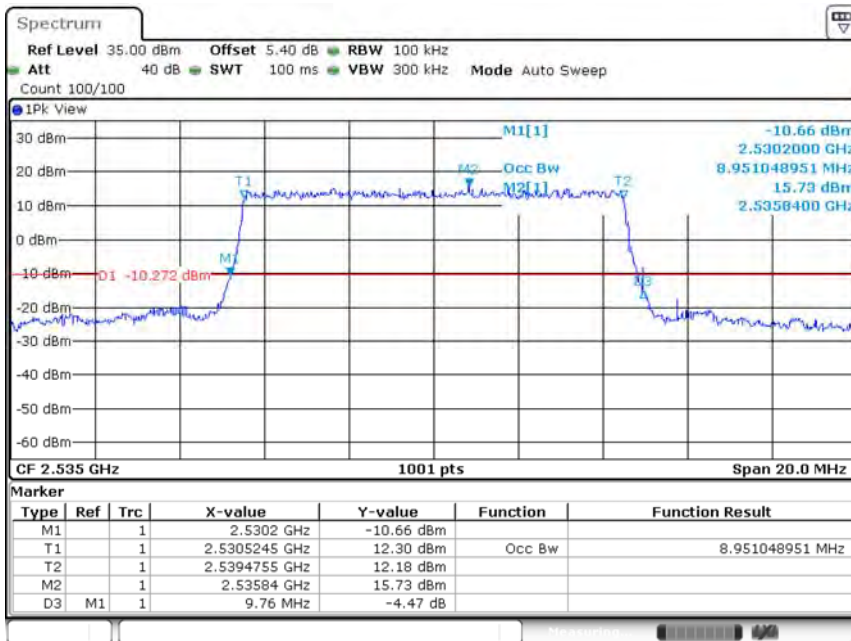
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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



Date: 7.JUL.2021 10:59:14

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

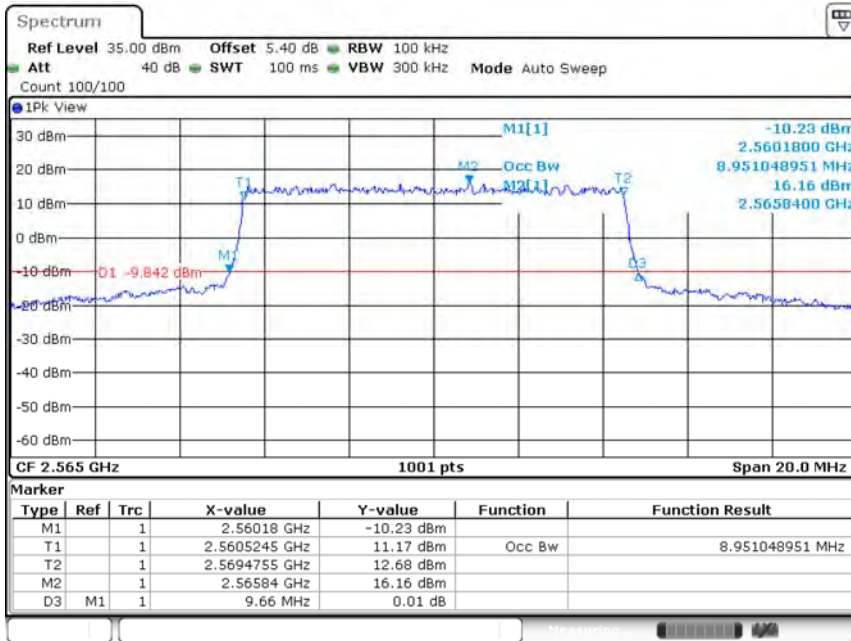


Date: 7.JUL.2021 11:00:05



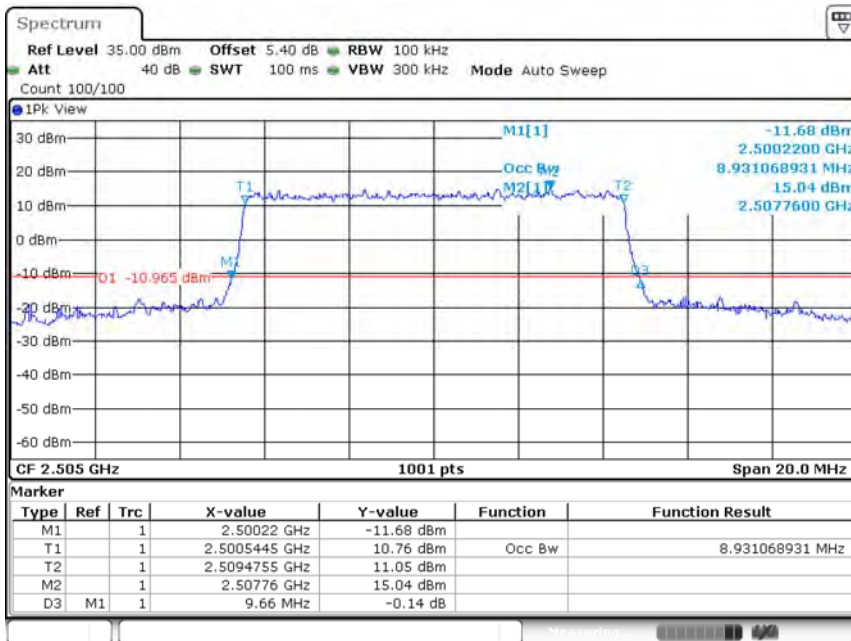
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Band7-10MHz-QPSK-21400-50RB#0



Date: 7.JUL.2021 11:00:56

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

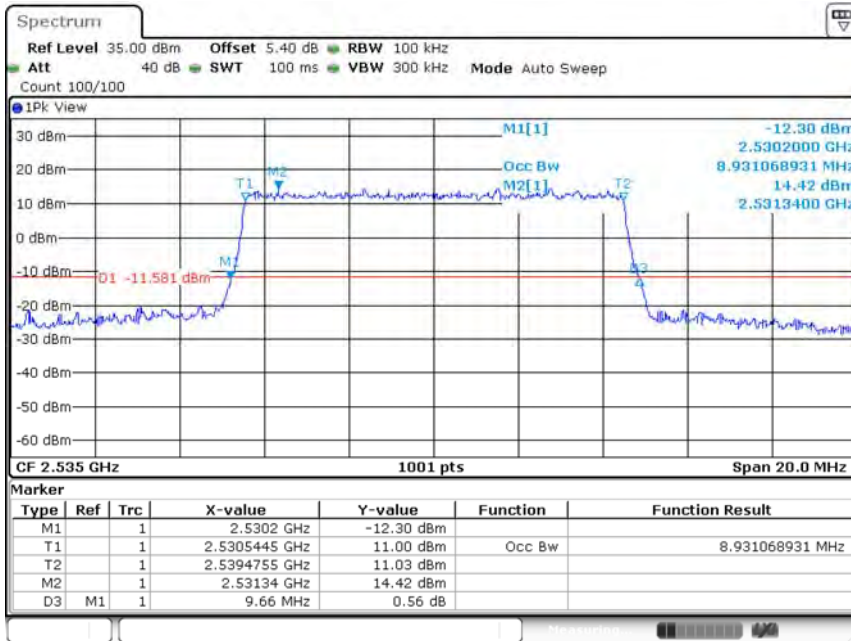


Date: 7.JUL.2021 10:59:40



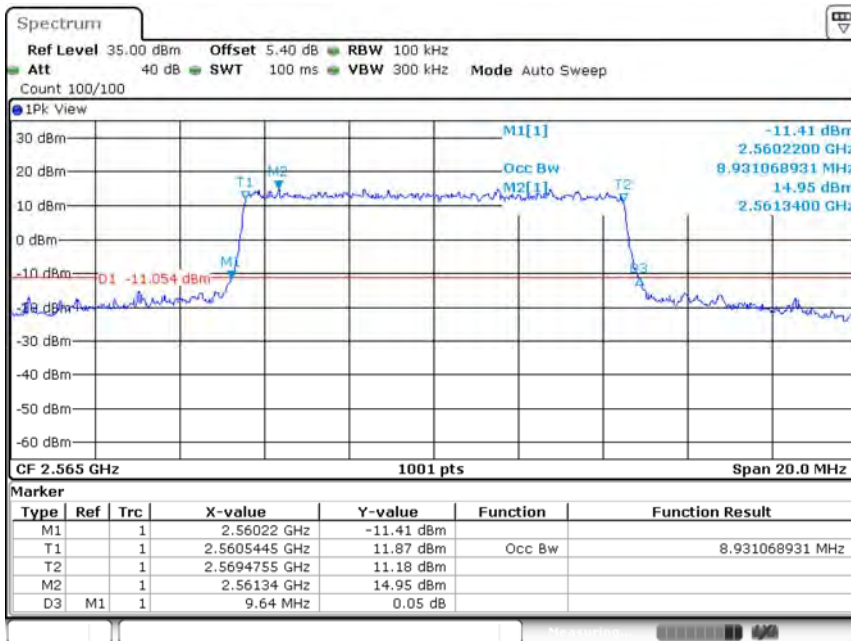
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Band7-10MHz-16QAM-21100-50RB#0



Date: 7.JUL.2021 11:00:30

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



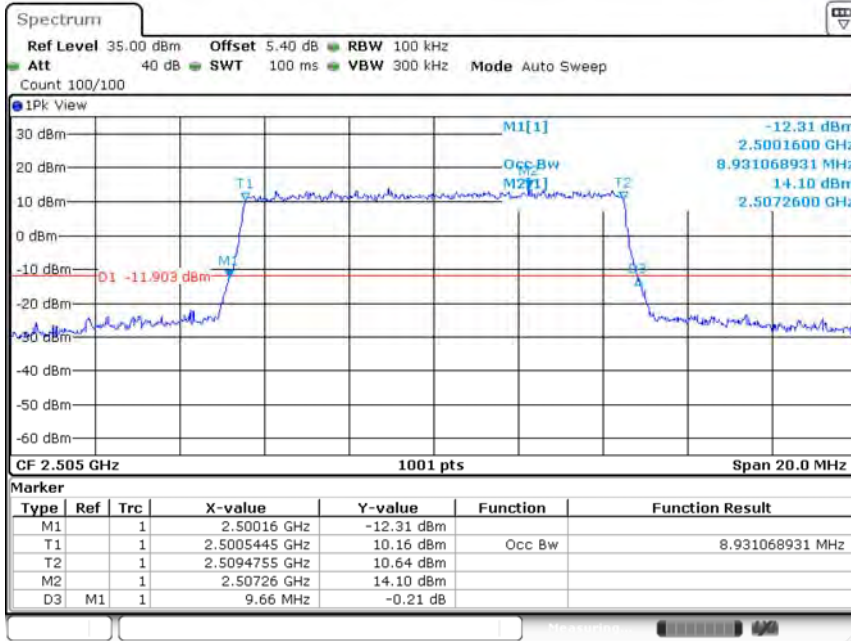
Date: 7.JUL.2021 11:01:21



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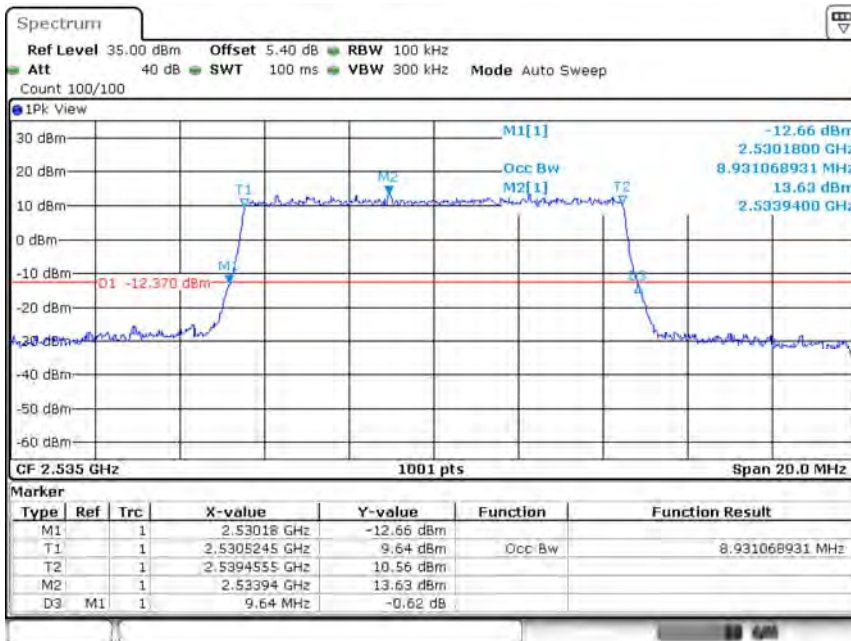
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Band7-10MHz-64QAM-20800-50RB#0



Date: 7.JUL.2021 14:00:51

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

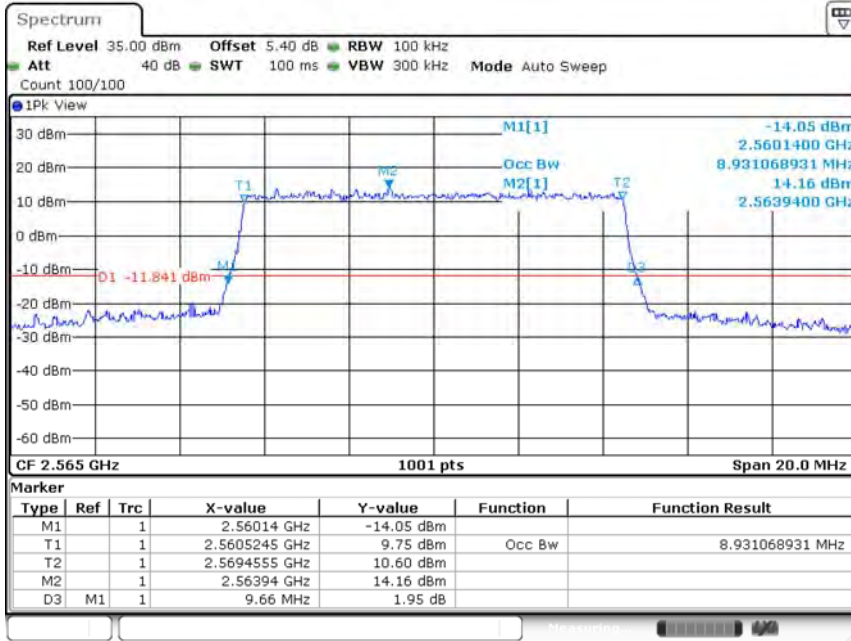


Date: 7.JUL.2021 14:01:17



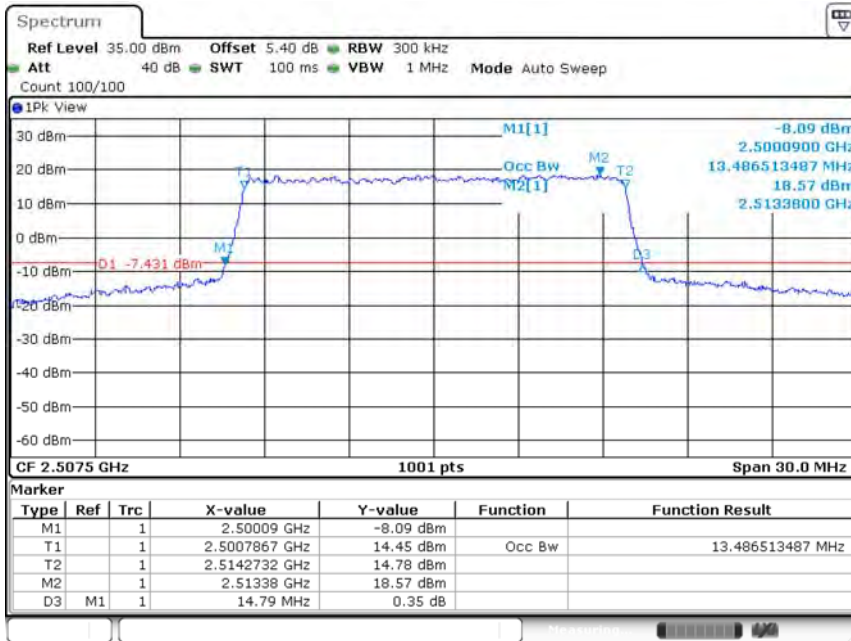
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Band7-10MHz-64QAM-21400-50RB#0



Date: 7.JUL.2021 14:01:43

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



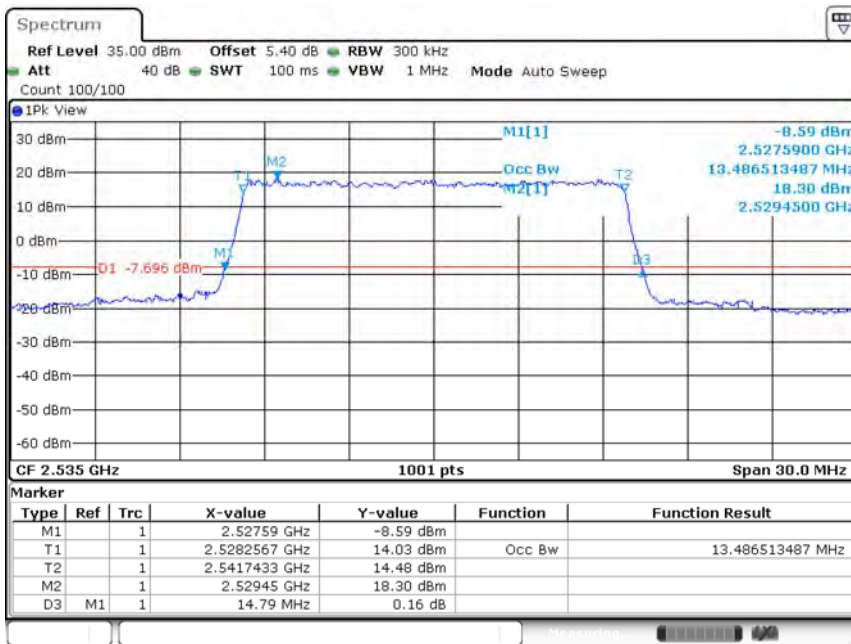
Date: 7.JUL.2021 11:02:07



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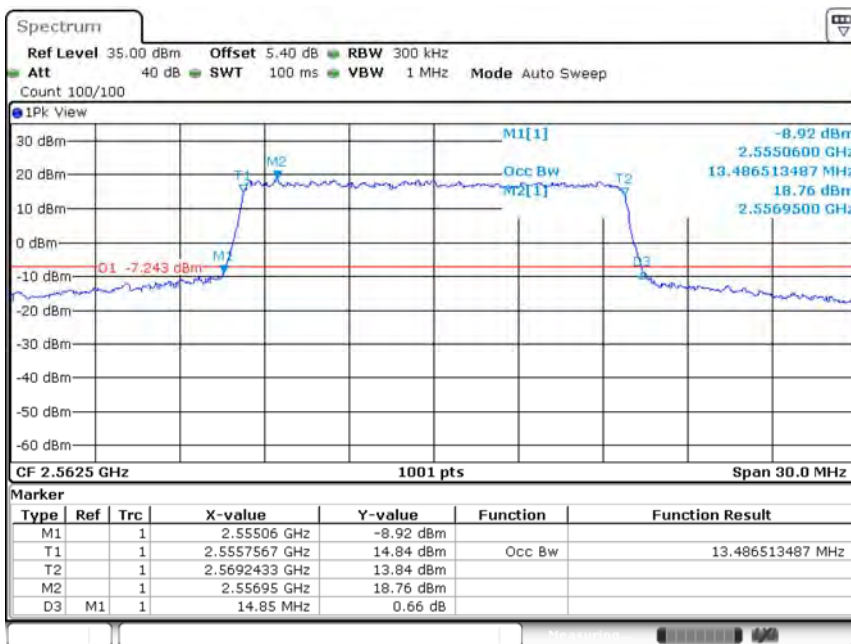
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Band7-15MHz-QPSK-21100-75RB#0



Date: 7.JUL.2021 11:02:58

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

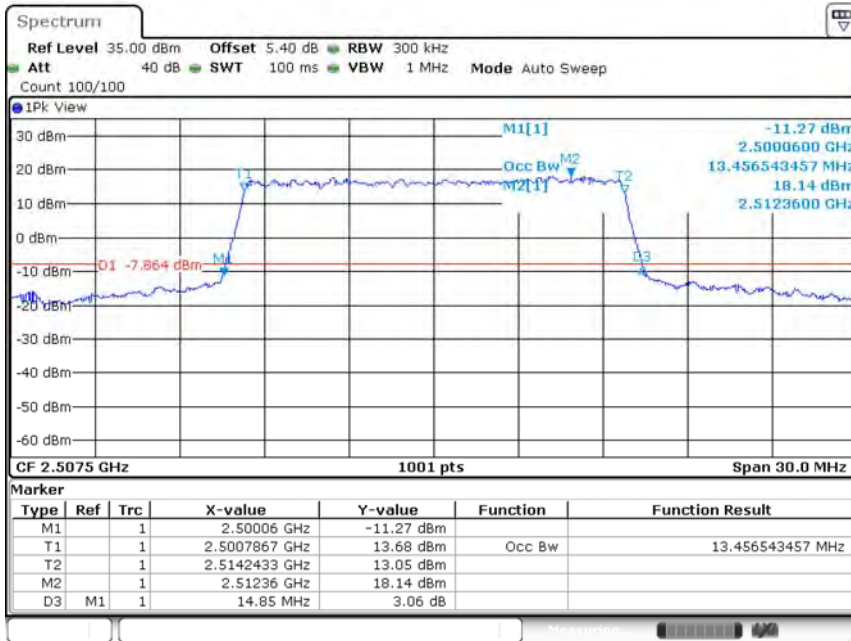


Date: 7.JUL.2021 11:03:48



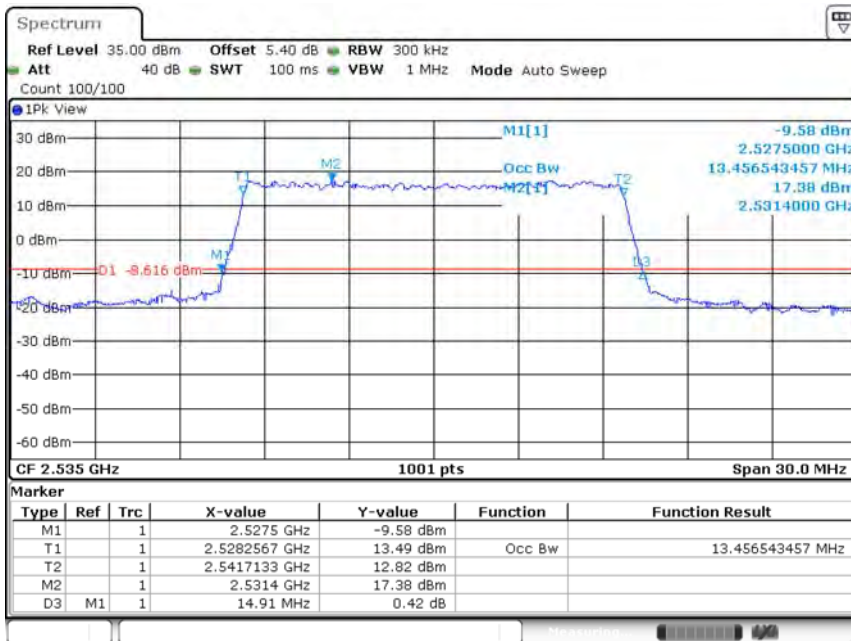
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Band7-15MHz-16QAM-20825-75RB#0



Date: 7.JUL.2021 11:02:32

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



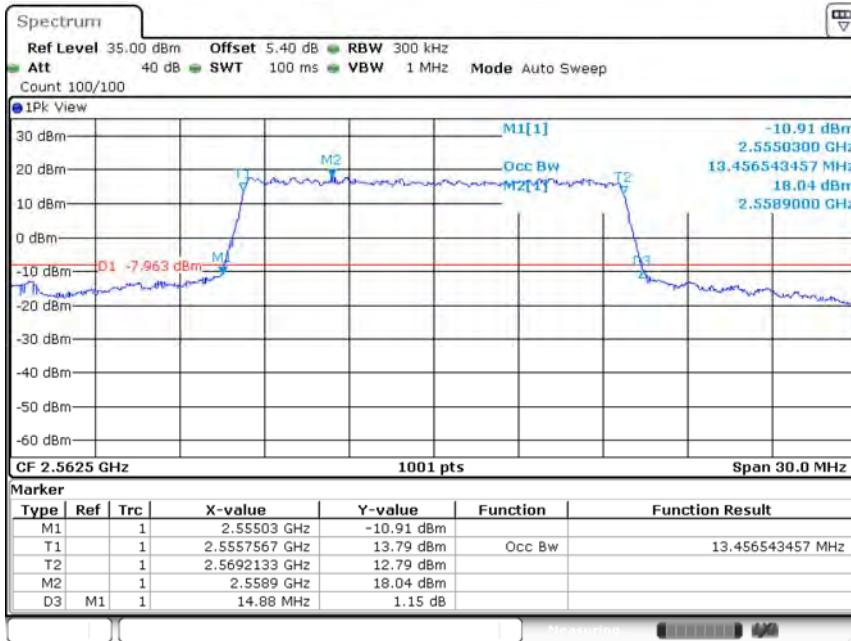
Date: 7.JUL.2021 11:03:23



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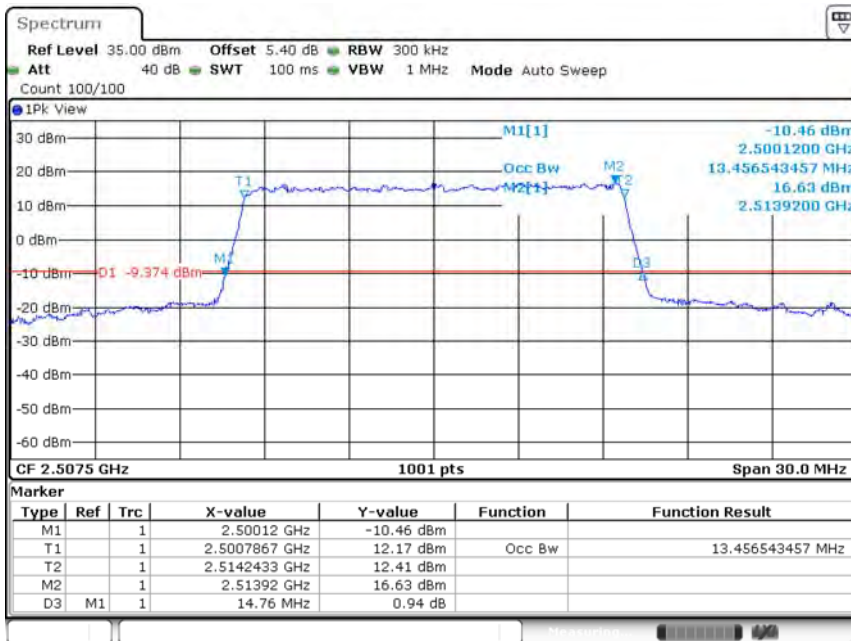
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Band7-15MHz-16QAM-21375-75RB#0



Date: 7.JUL.2021 11:04:14

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

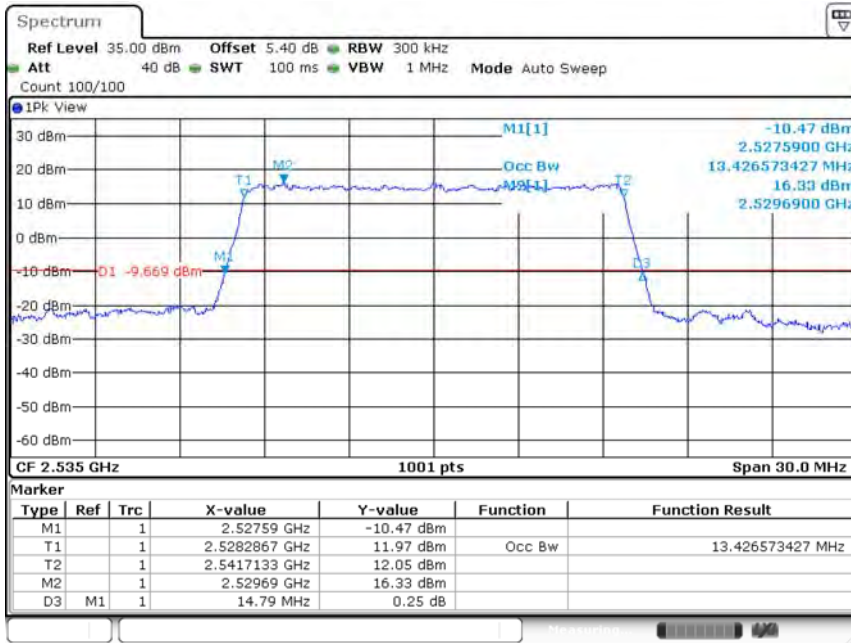


Date: 7.JUL.2021 14:02:28



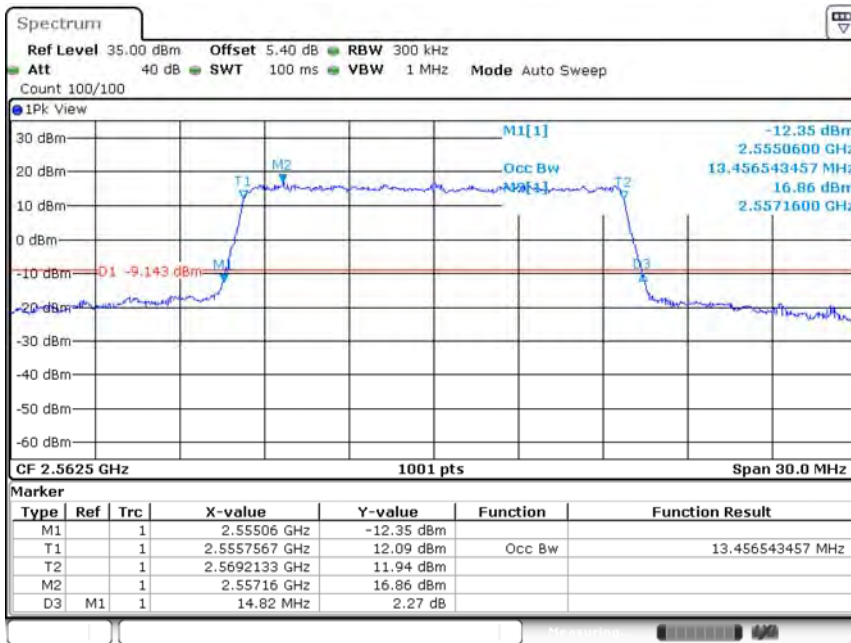
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Band7-15MHz-64QAM-21100-75RB#0



Date: 7.JUL.2021 14:02:53

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

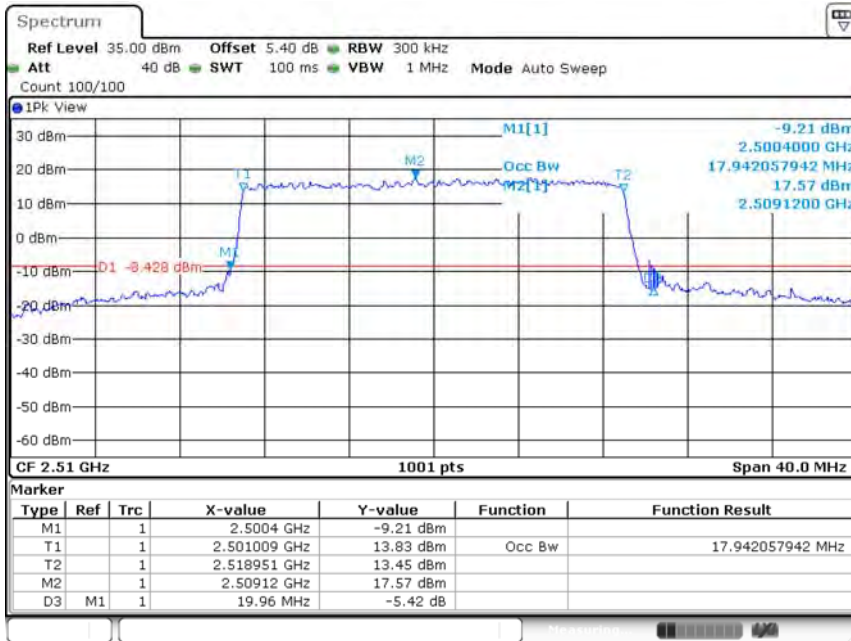


Date: 7.JUL.2021 14:03:19



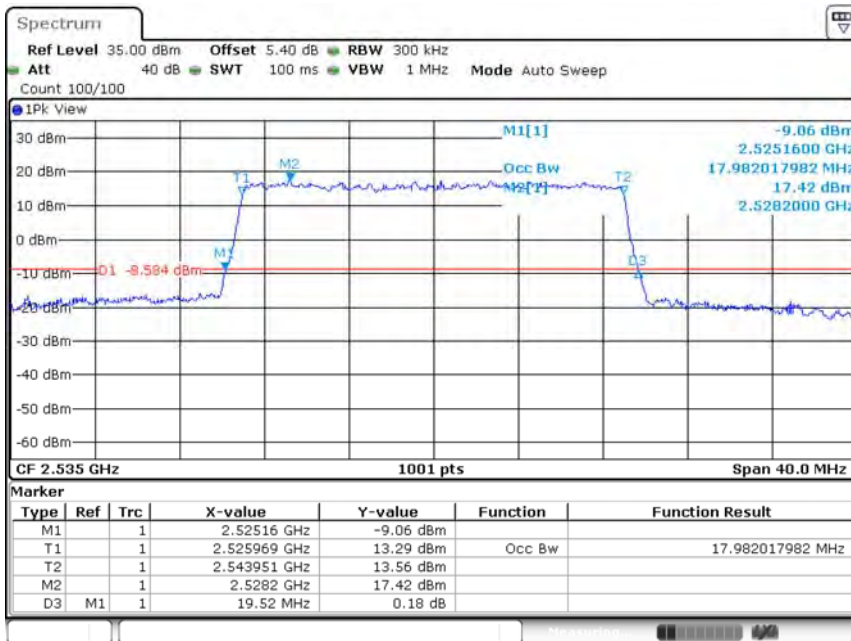
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Band7-20MHz-QPSK-20850-100RB#0



Date: 7.JUL.2021 11:04:59

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

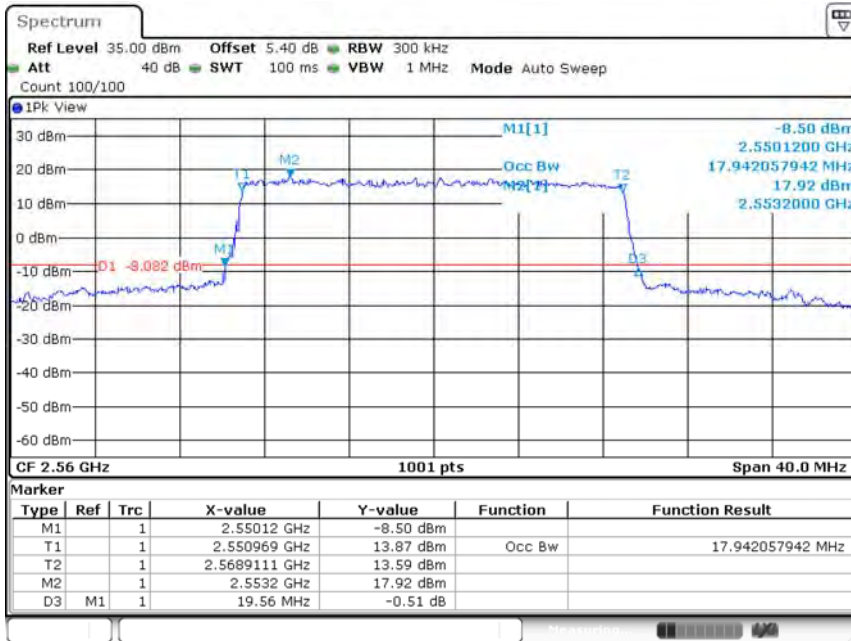


Date: 7.JUL.2021 11:05:50



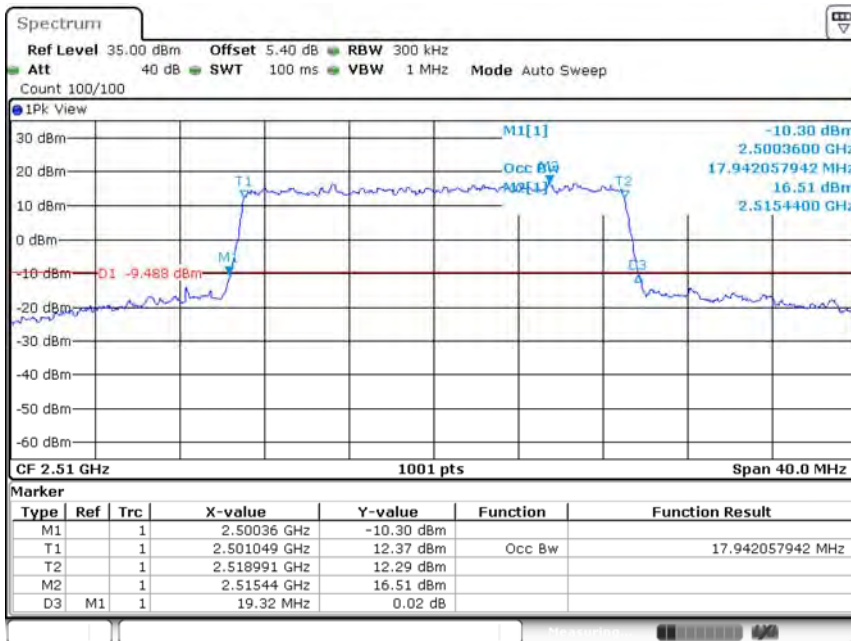
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Band7-20MHz-QPSK-21350-100RB#0



Date: 7.JUL.2021 11:06:41

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

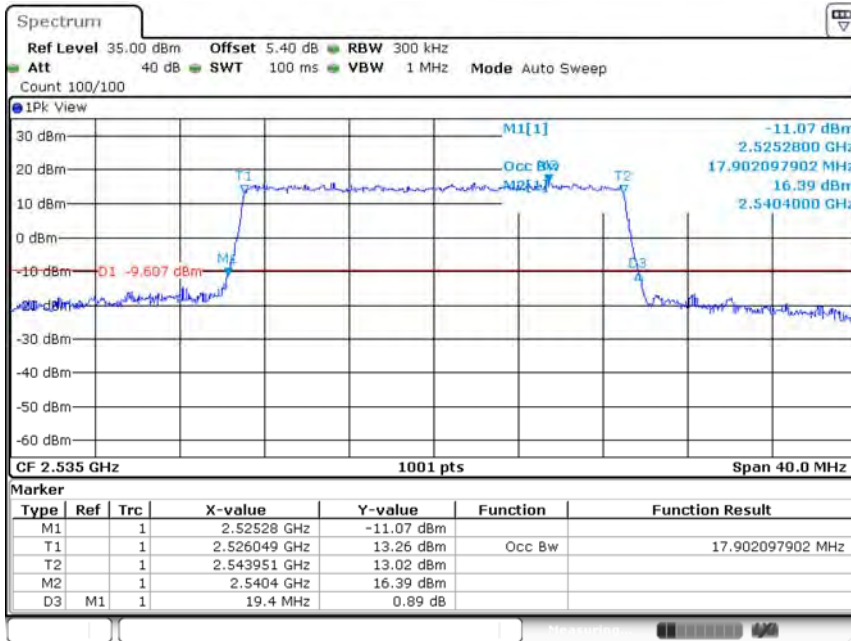


Date: 7.JUL.2021 11:05:24



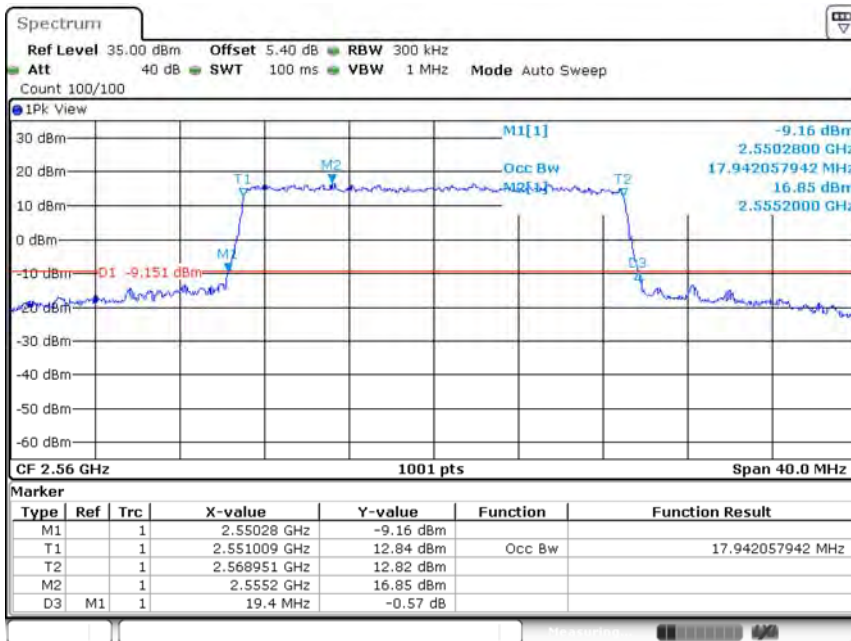
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Band7-20MHz-16QAM-21100-100RB#0



Date: 7.JUL.2021 11:06:15

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



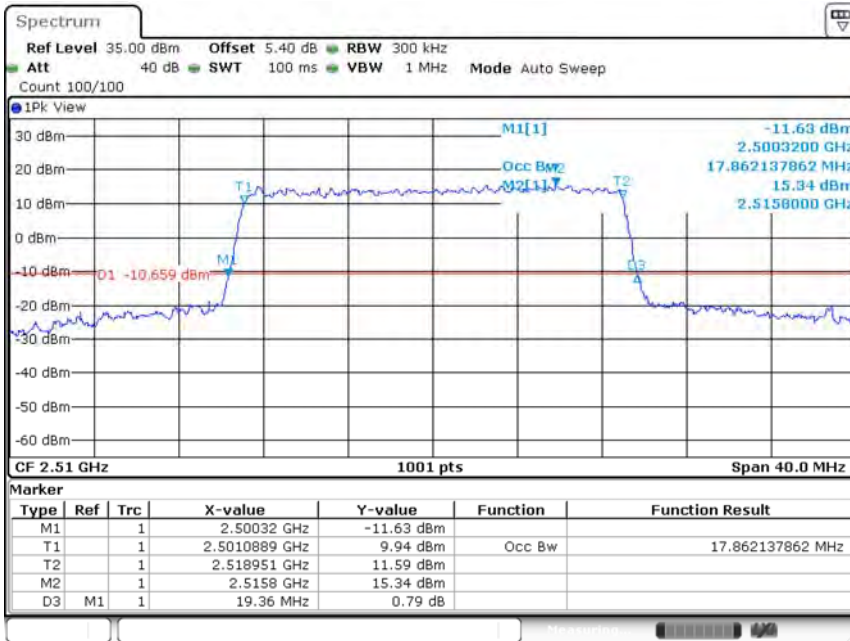
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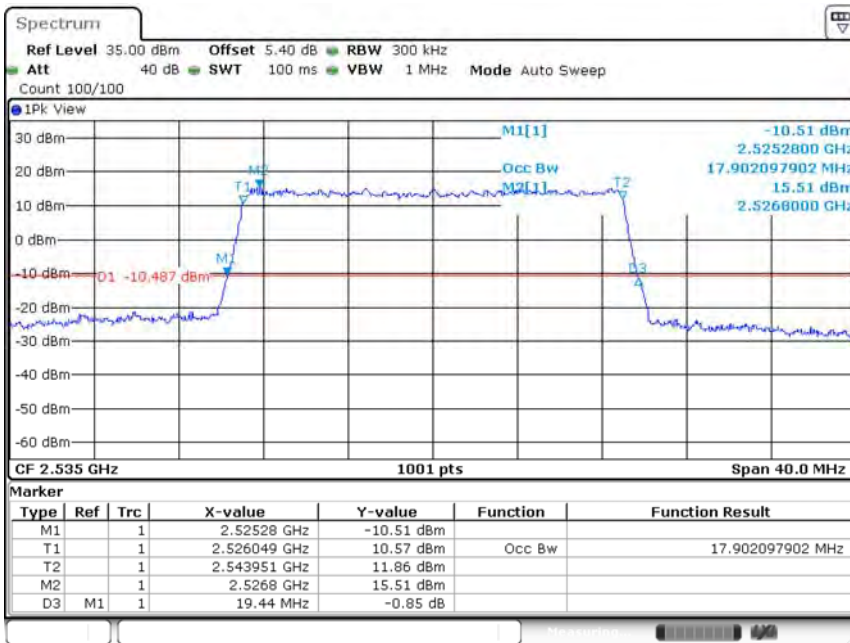
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Band7-20MHz-64QAM-20850-100RB#0



Date: 7.JUL.2021 14:04:05

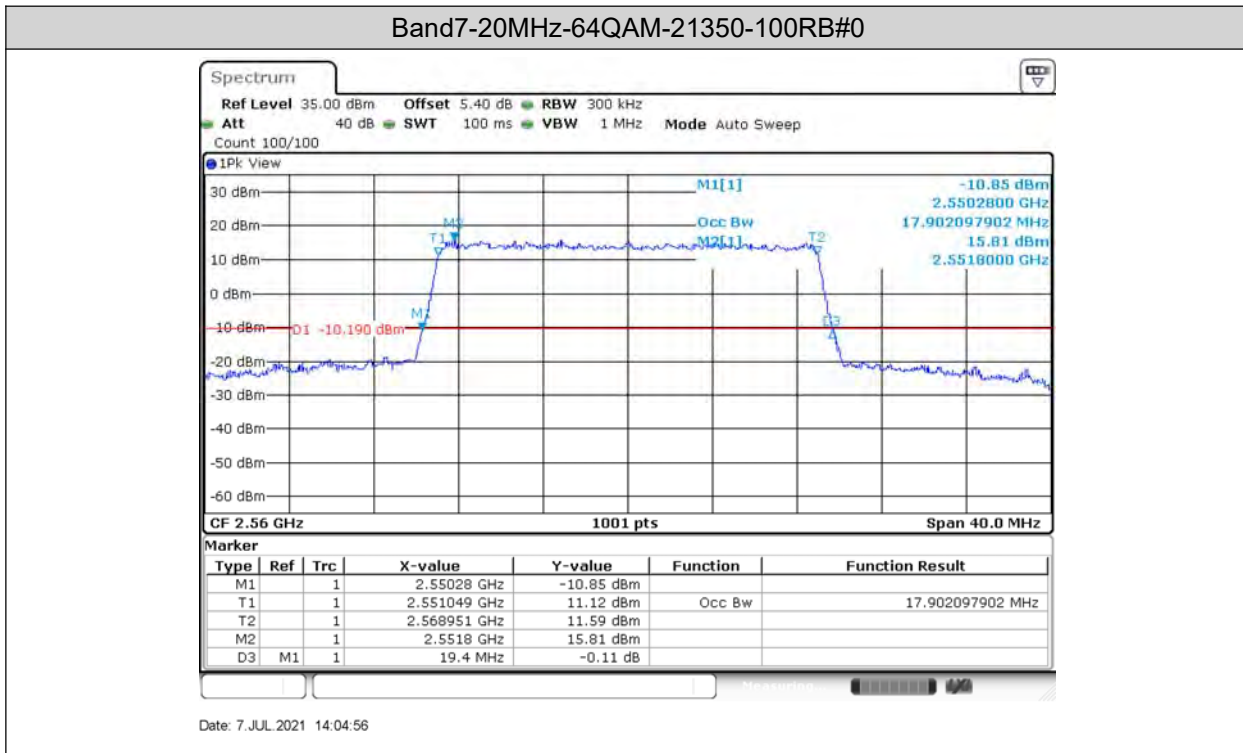
Band7-20MHz-64QAM-21100-100RB#0



Date: 7.JUL.2021 14:04:30



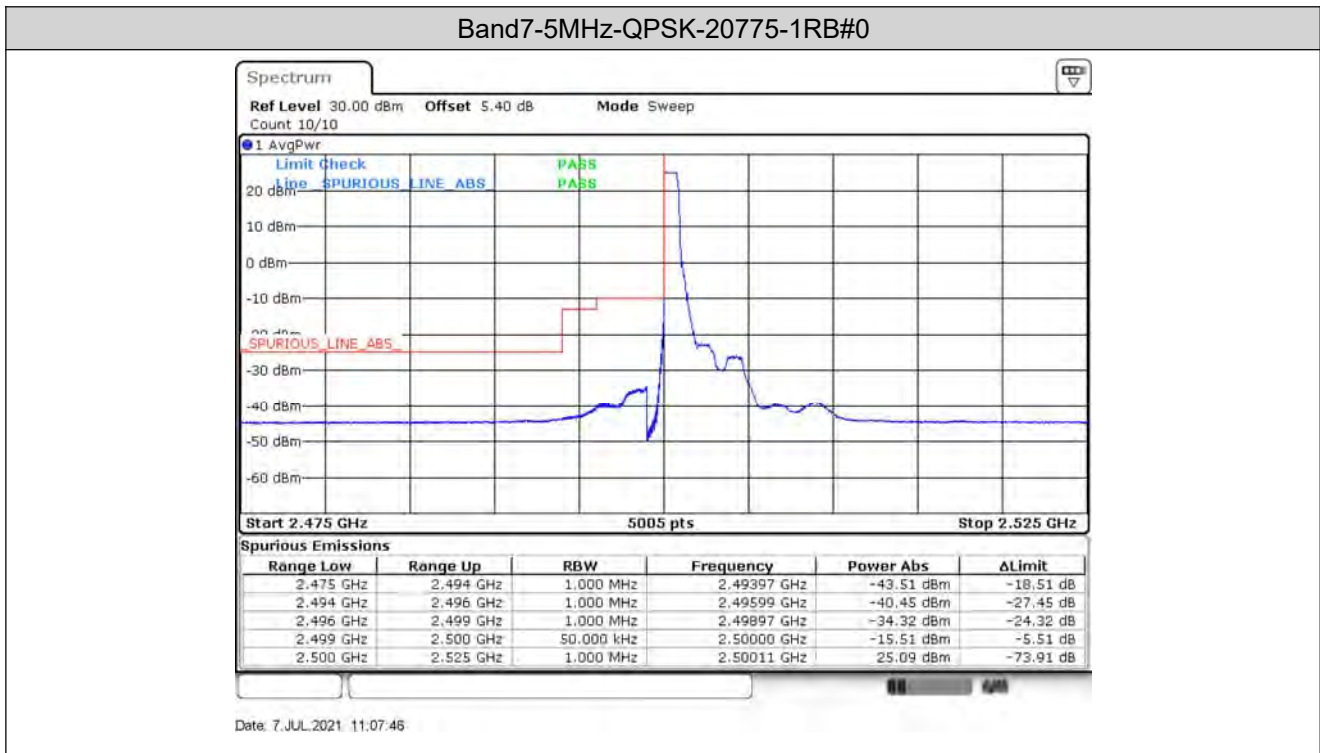
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5. Band Edge Compliance

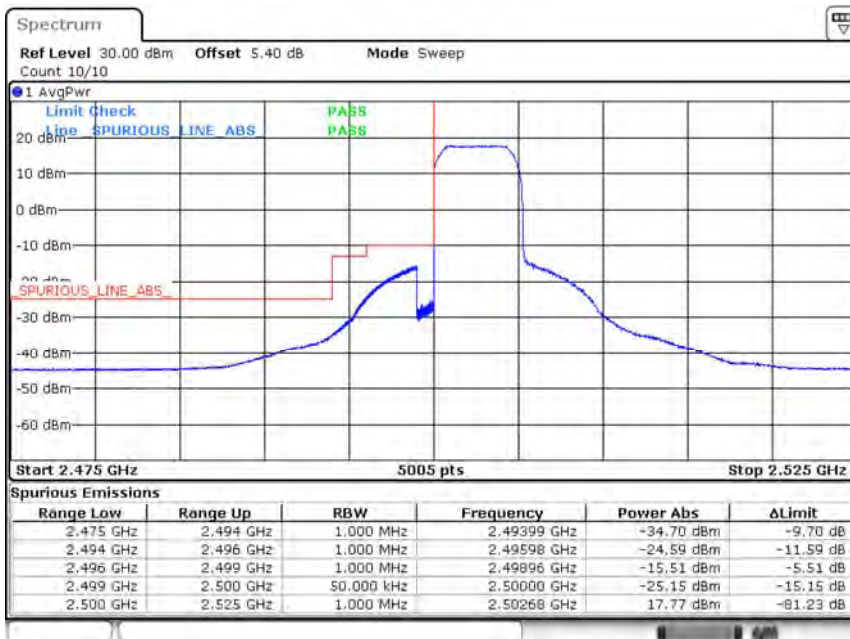
5.1 Test Plots



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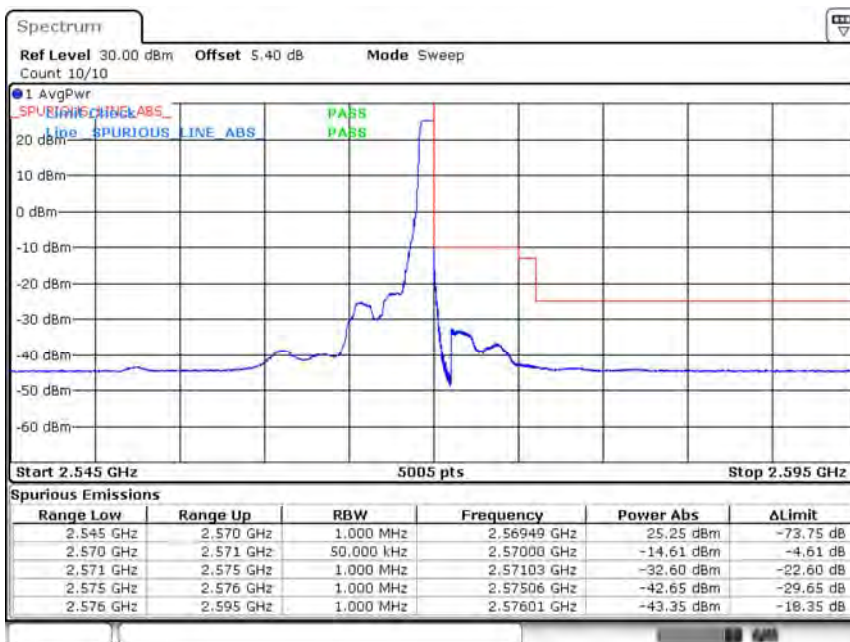
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Band7-5MHz-QPSK-20775-25RB#0



Date: 7.JUL.2021 11:08:21

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



Date: 7.JUL.2021 11:09:17



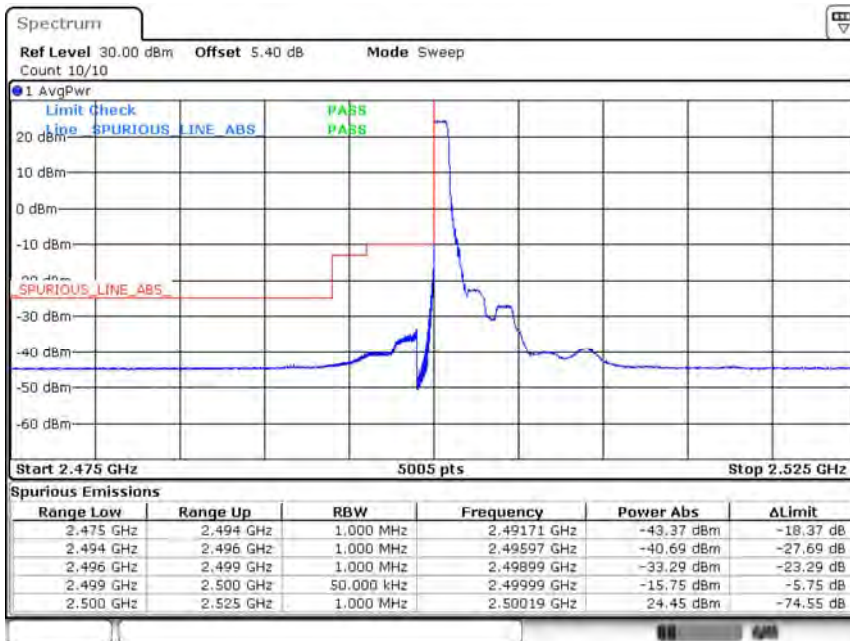
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Band7-5MHz-QPSK-21425-25RB#0



Date: 7.JUL.2021 11:09:53

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

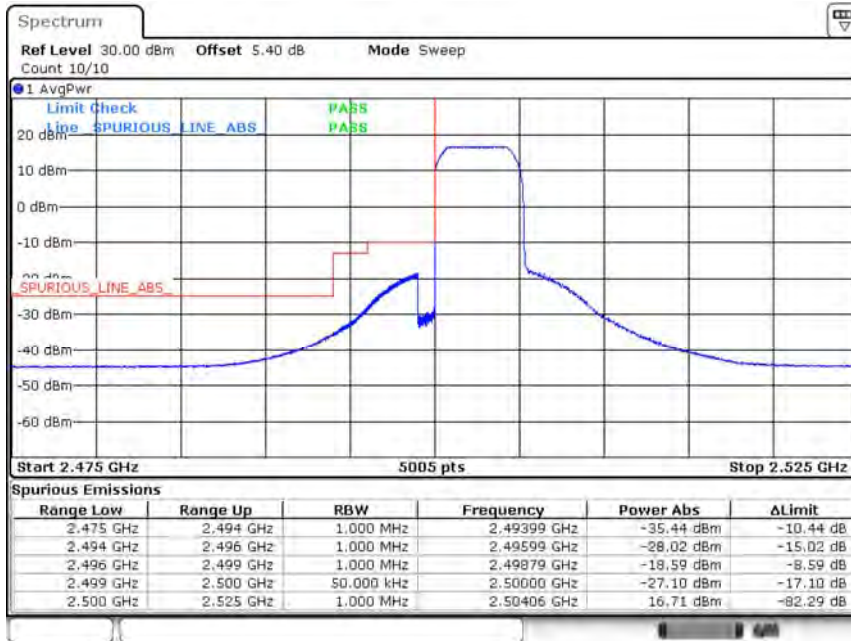


Date: 7.JUL.2021 11:08:02



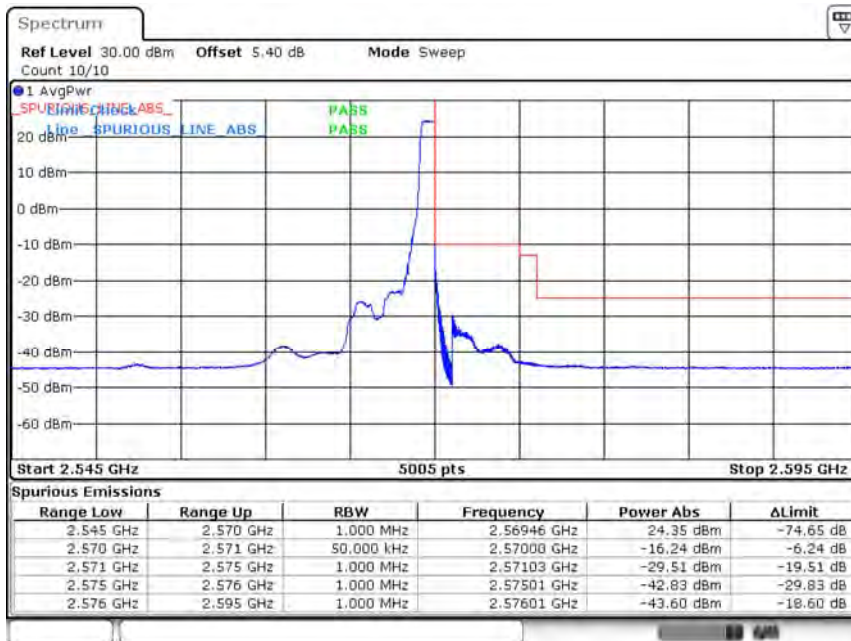
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Band7-5MHz-16QAM-20775-25RB#0



Date: 7.JUL.2021 11:08:38

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



Date: 7.JUL.2021 11:09:34



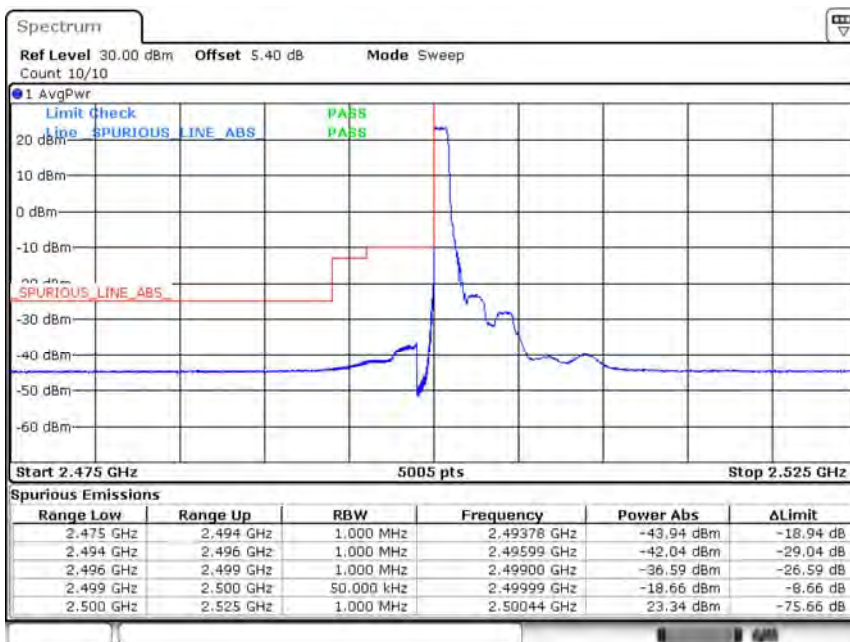
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Band7-5MHz-16QAM-21425-25RB#0



Date: 7.JUL.2021 11:10:10

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

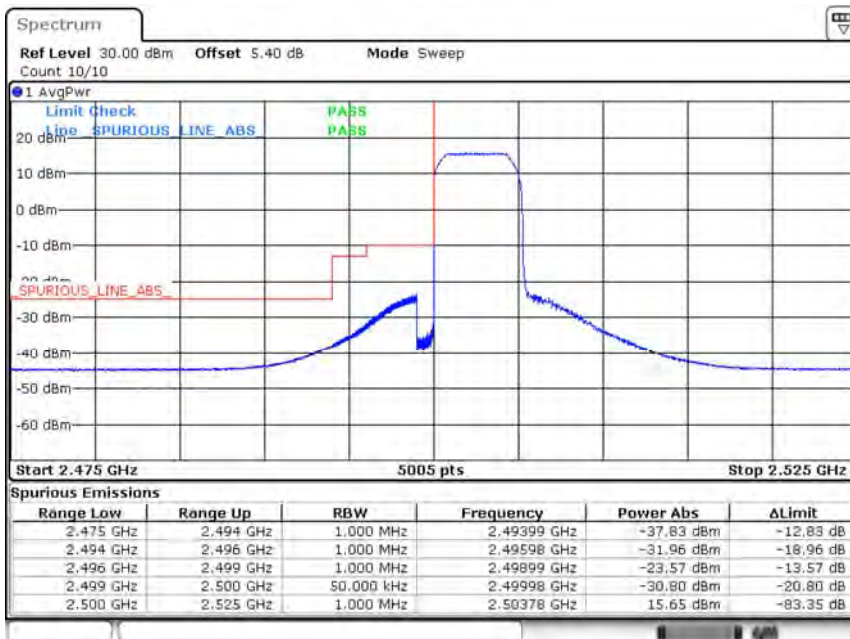


Date: 7.JUL.2021 14:05:35



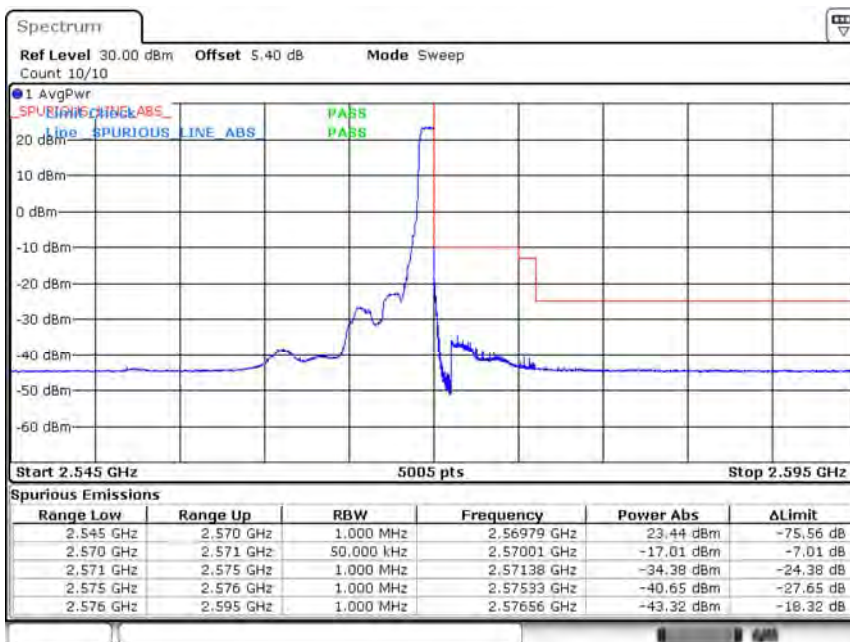
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Band7-5MHz-64QAM-20775-25RB#0



Date: 7.JUL.2021 14:05:52

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



Date: 7.JUL.2021 14:06:32



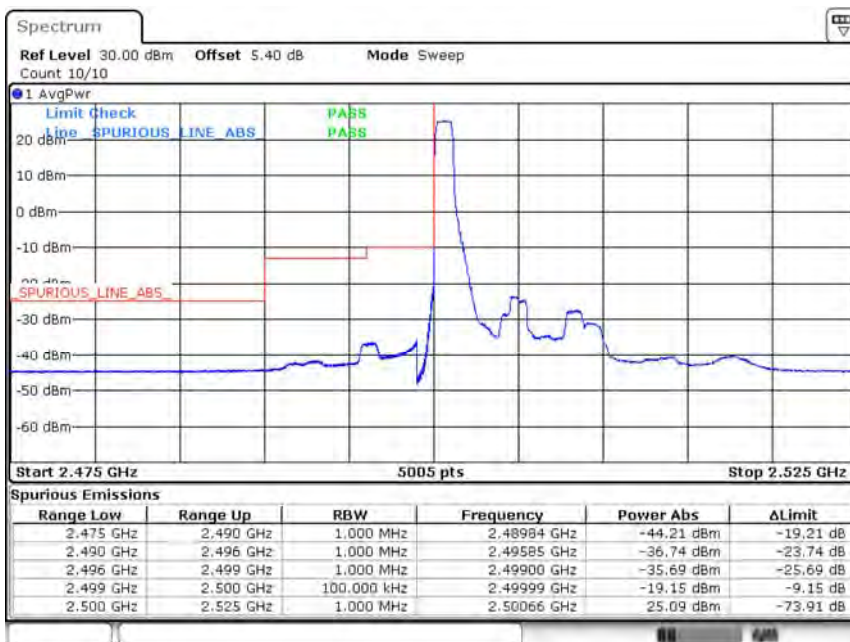
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Band7-5MHz-64QAM-21425-25RB#0



Date: 7.JUL.2021 14:06:48

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

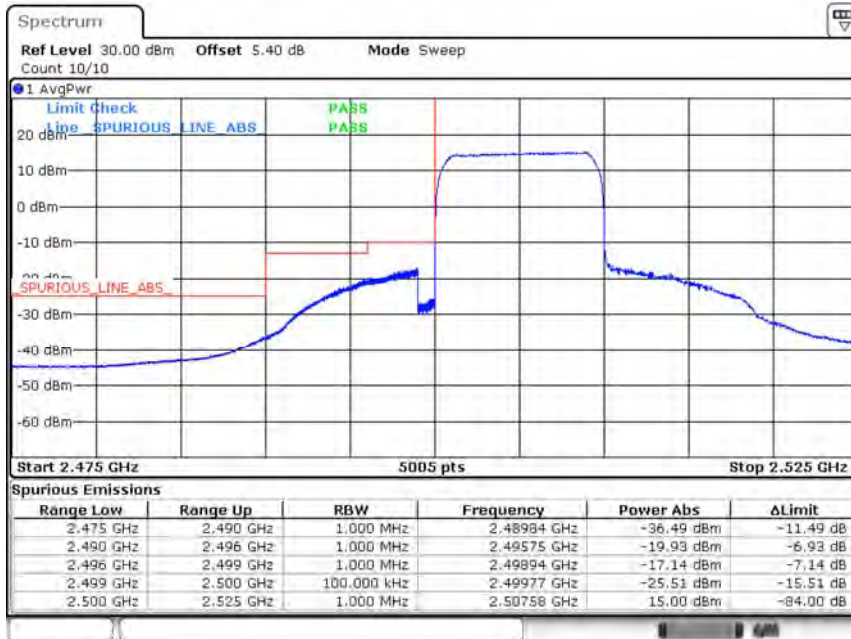


Date: 7.JUL.2021 11:10:52



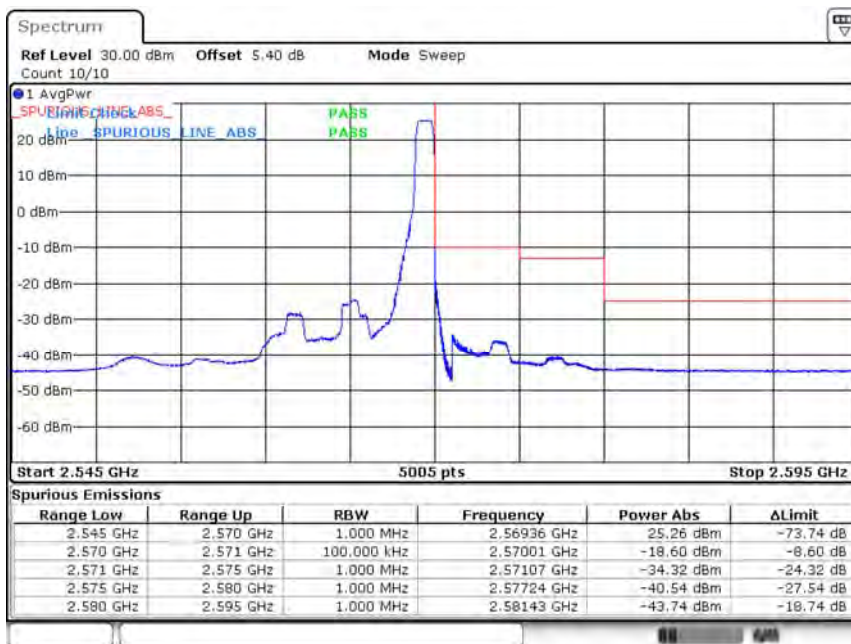
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Band7-10MHz-QPSK-20800-50RB#0



Date: 7.JUL.2021 11:11:25

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



Date: 7.JUL.2021 11:12:21



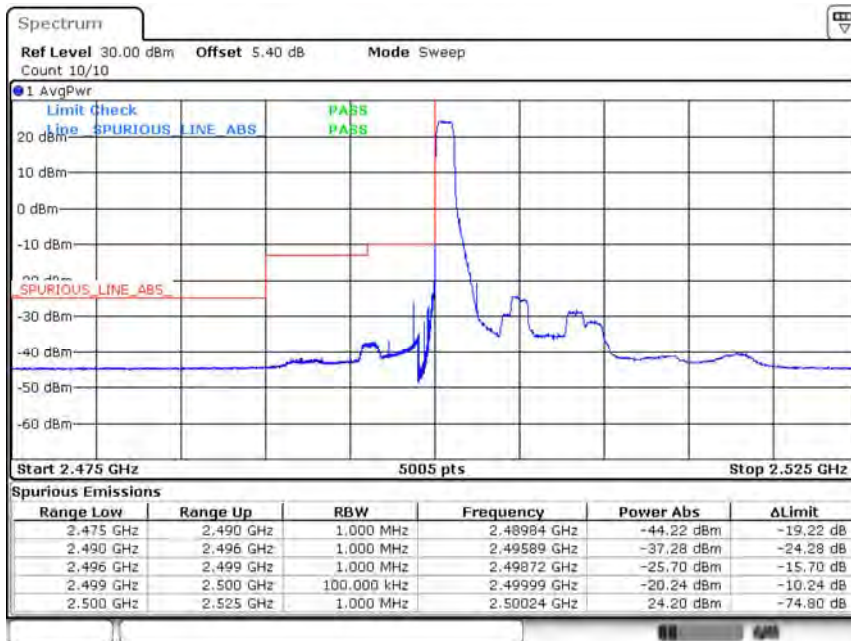
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Band7-10MHz-QPSK-21400-50RB#0



Date: 7.JUL.2021 11:12:55

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

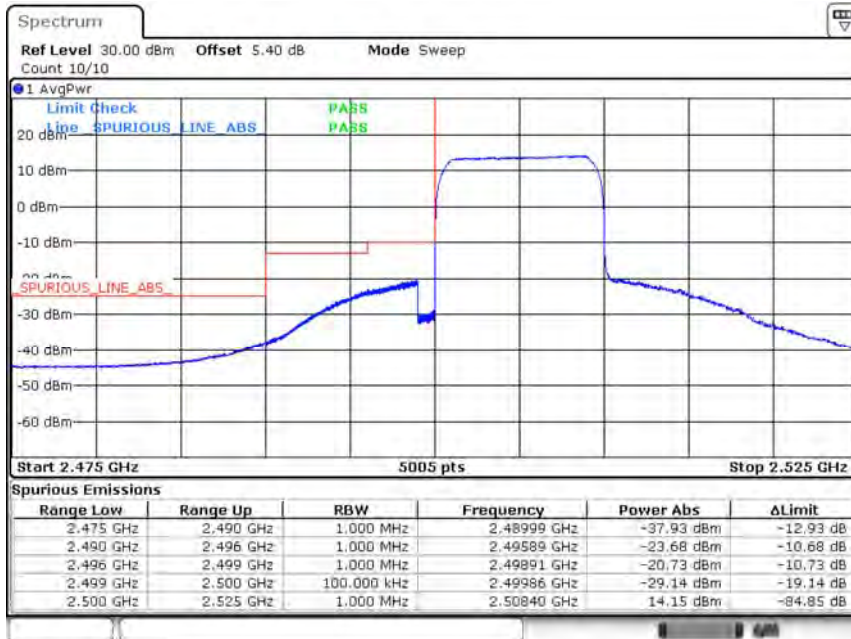


Date: 7.JUL.2021 11:11:08



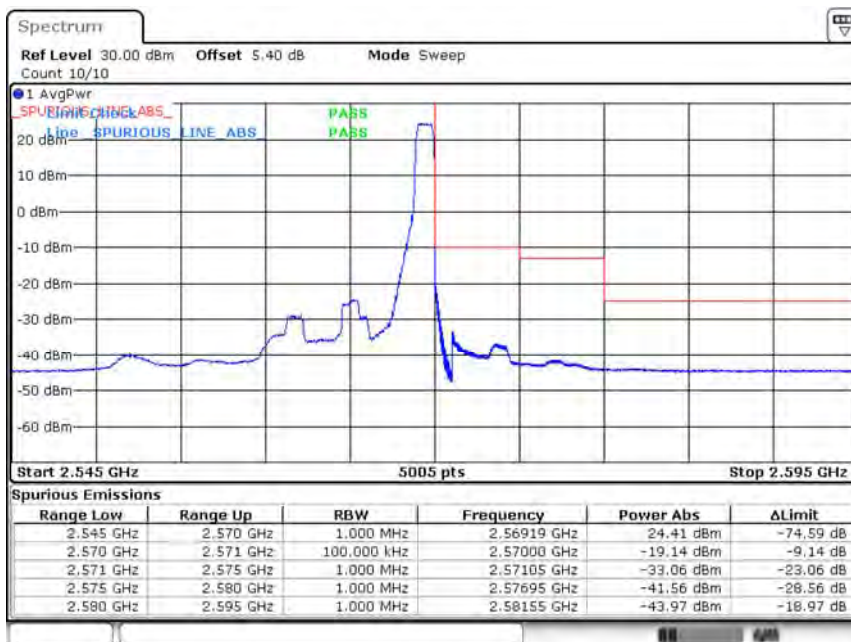
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Band7-10MHz-16QAM-20800-50RB#0



Date: 7.JUL.2021 11:11:42

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



Date: 7.JUL.2021 11:12:38



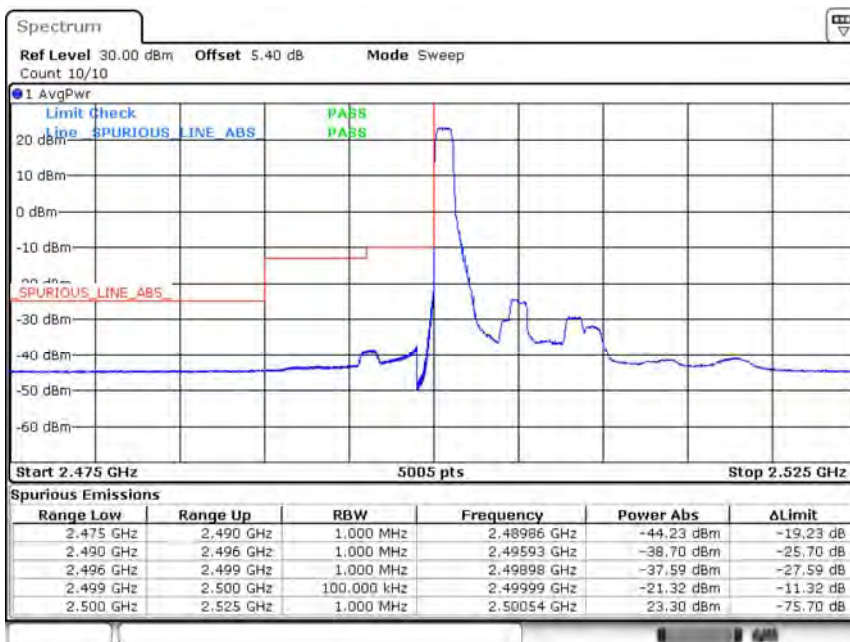
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Band7-10MHz-16QAM-21400-50RB#0



Date: 7.JUL.2021 11:13:12

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

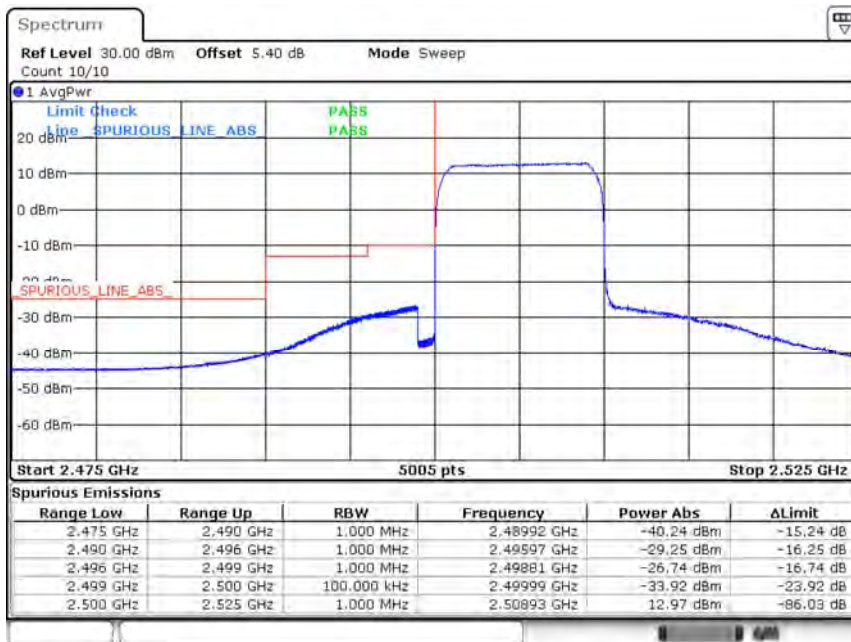


Date: 7.JUL.2021 14:07:30



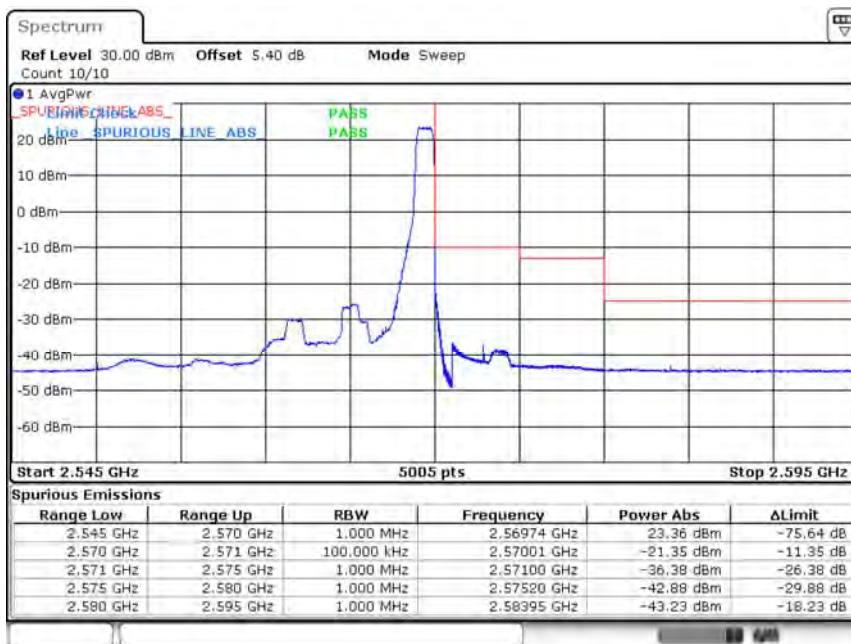
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Band7-10MHz-64QAM-20800-50RB#0



Date: 7.JUL.2021 14:07:47

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

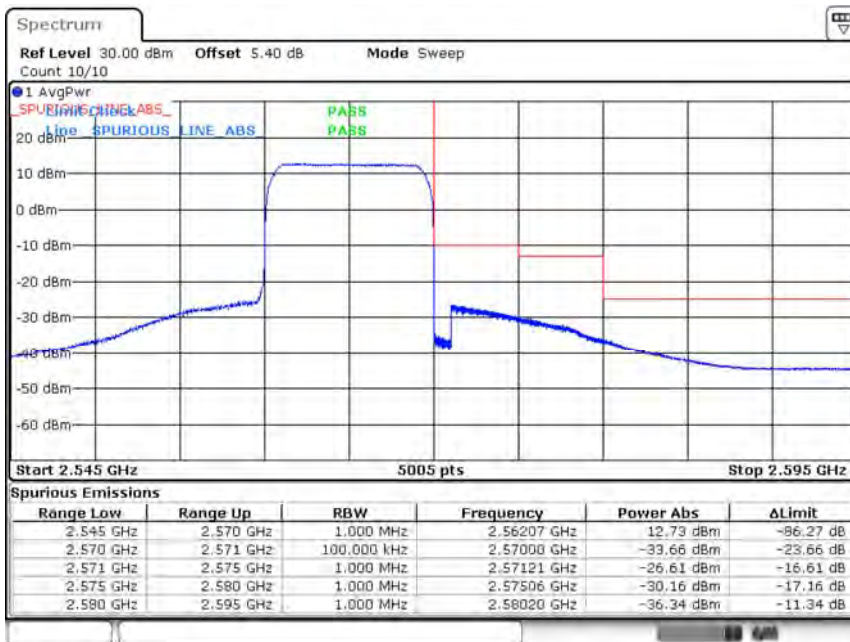


Date: 7.JUL.2021 14:08:26



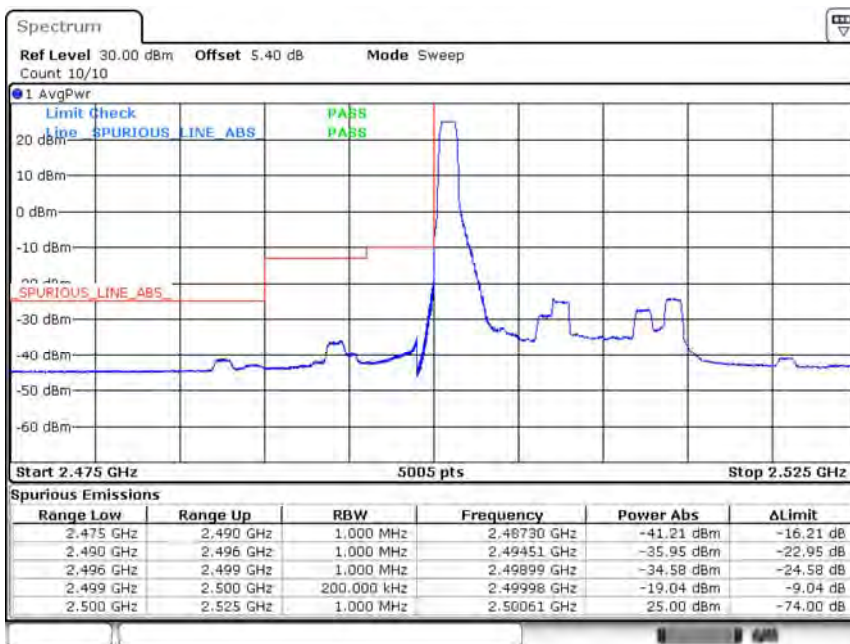
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Band7-10MHz-64QAM-21400-50RB#0



Date: 7.JUL.2021 14:08:43

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



Date: 7.JUL.2021 11:13:52



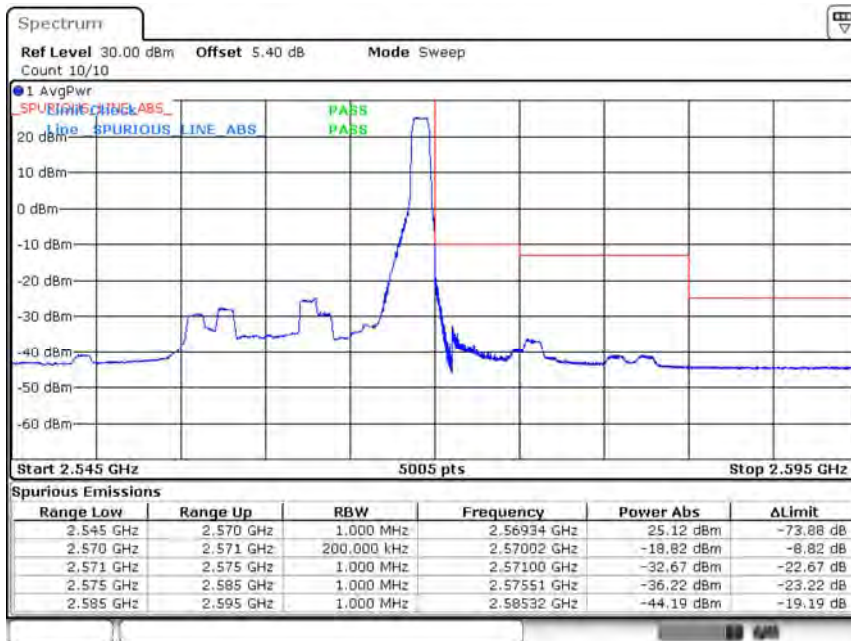
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Band7-15MHz-QPSK-20825-75RB#0



Date: 7.JUL.2021 11:14:27

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

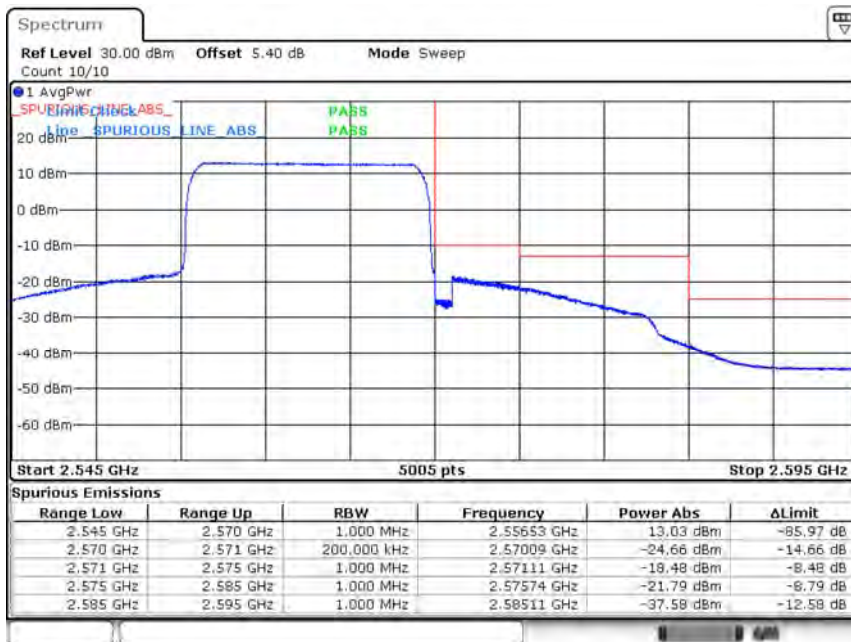


Date: 7.JUL.2021 11:15:23



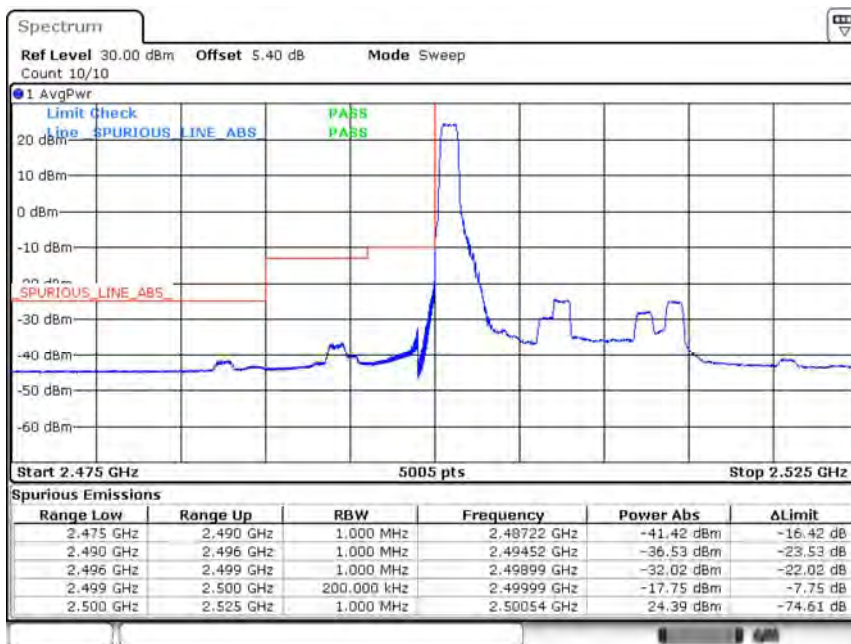
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Band7-15MHz-QPSK-21375-75RB#0



Date: 7.JUL.2021 11:15:59

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

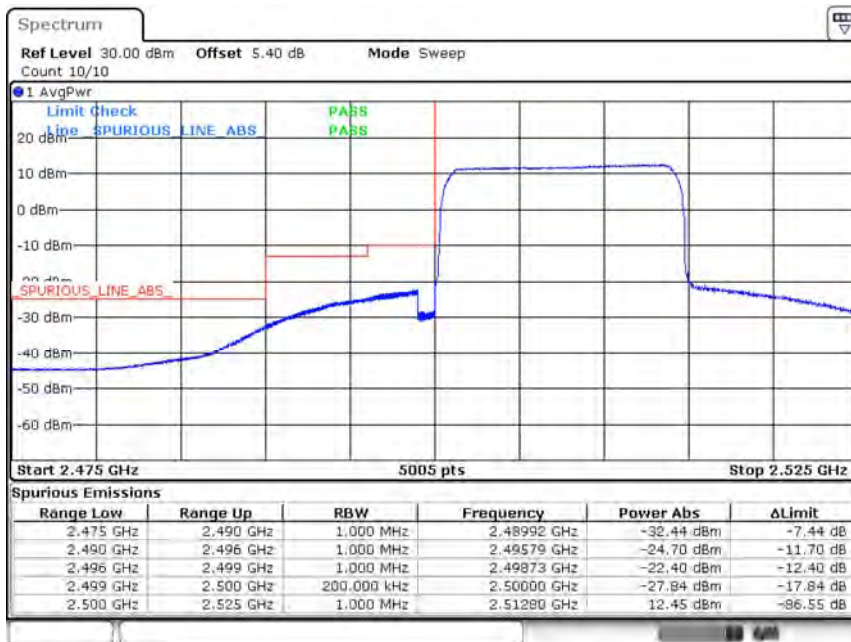


Date: 7.JUL.2021 11:14:09



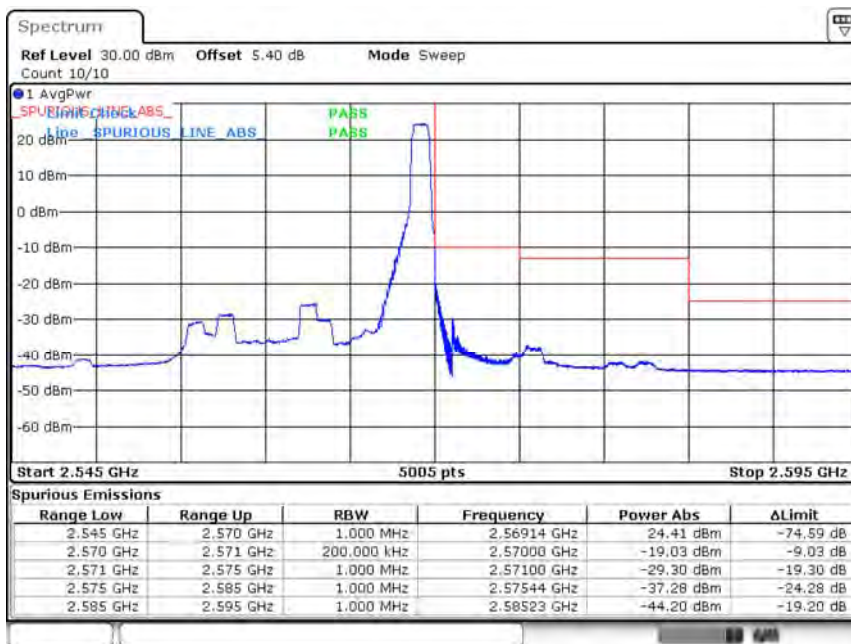
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Band7-15MHz-16QAM-20825-75RB#0



Date: 7.JUL.2021 11:14:44

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



Date: 7.JUL.2021 11:15:40



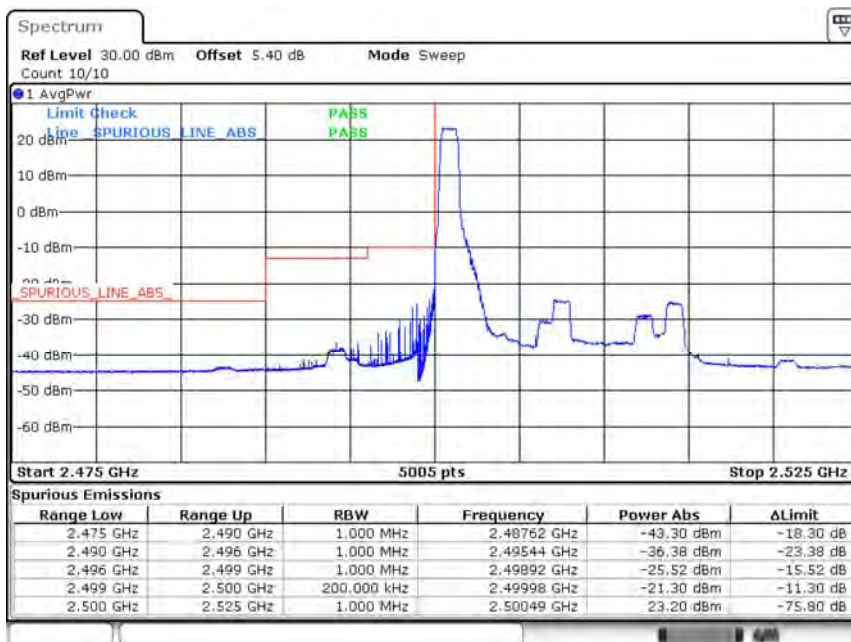
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Band7-15MHz-16QAM-21375-75RB#0



Date: 7.JUL.2021 11:16:15

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

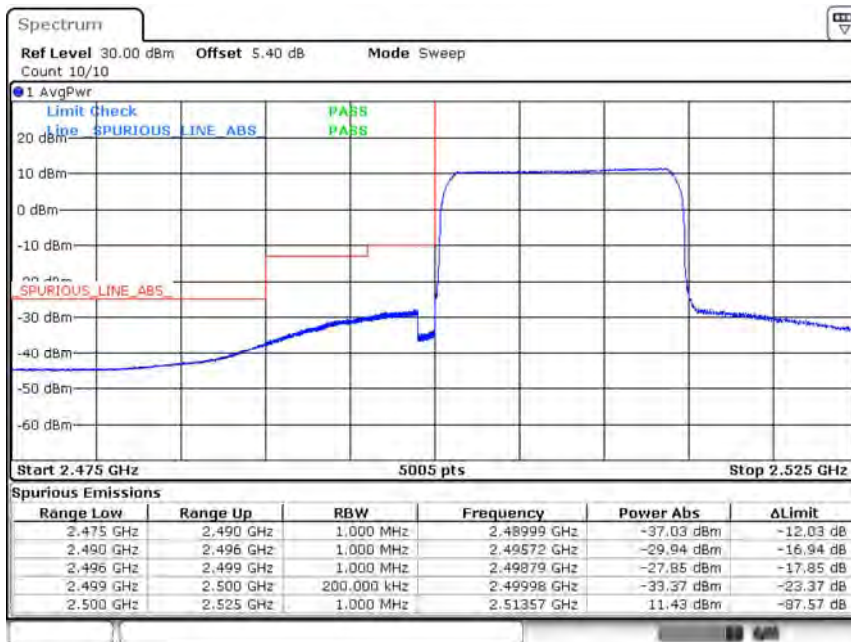


Date: 7.JUL.2021 14:09:23



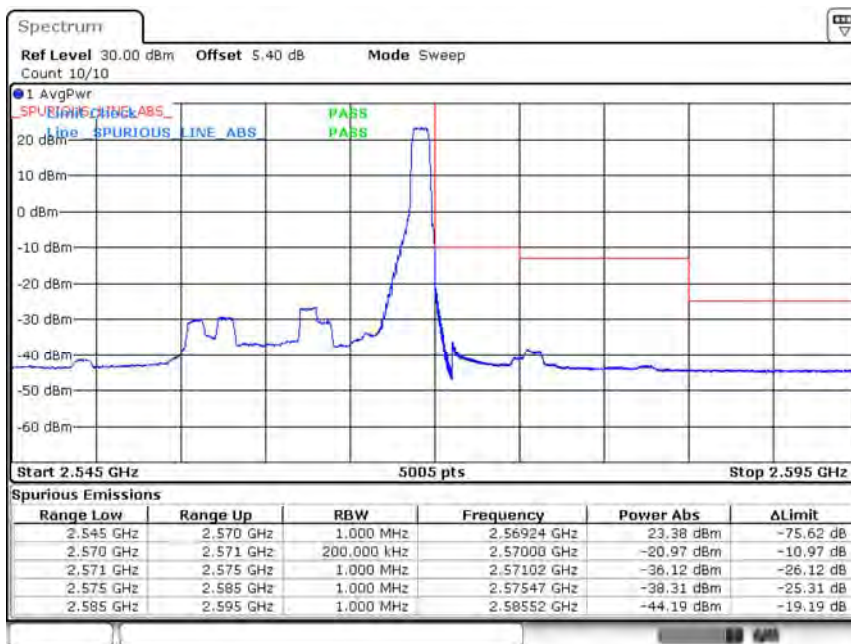
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Band7-15MHz-64QAM-20825-75RB#0



Date: 7.JUL.2021 14:09:42

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

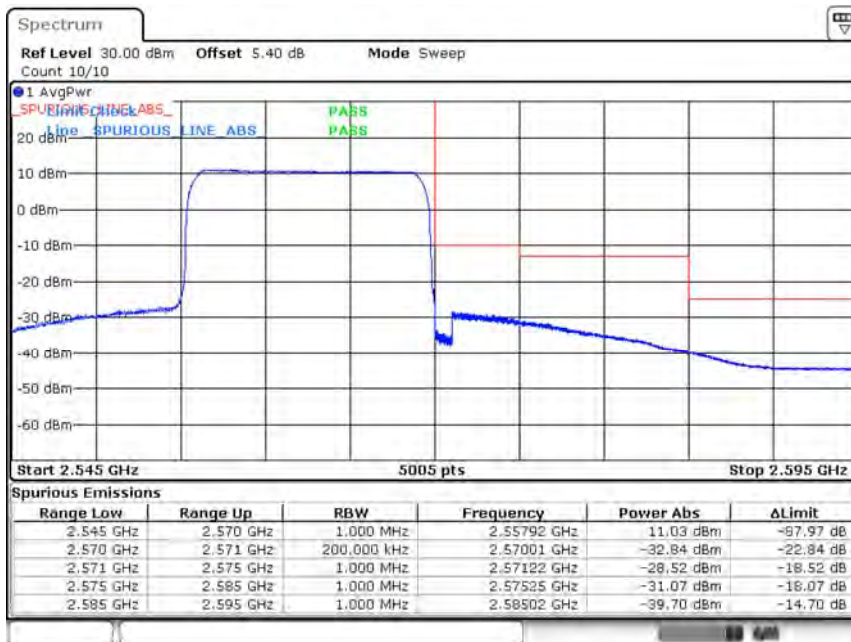


Date: 7.JUL.2021 14:10:22



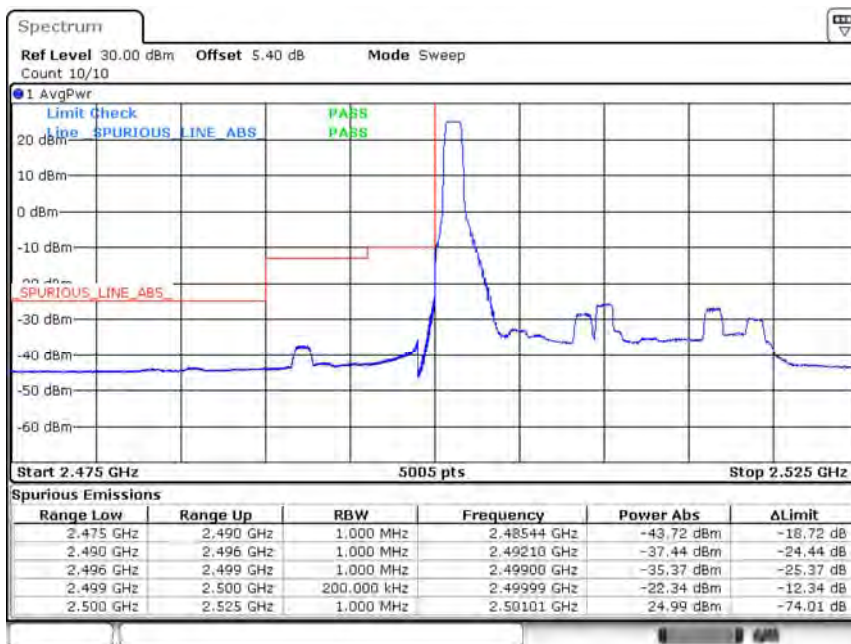
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Band7-15MHz-64QAM-21375-75RB#0



Date: 7.JUL.2021 14:10:38

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

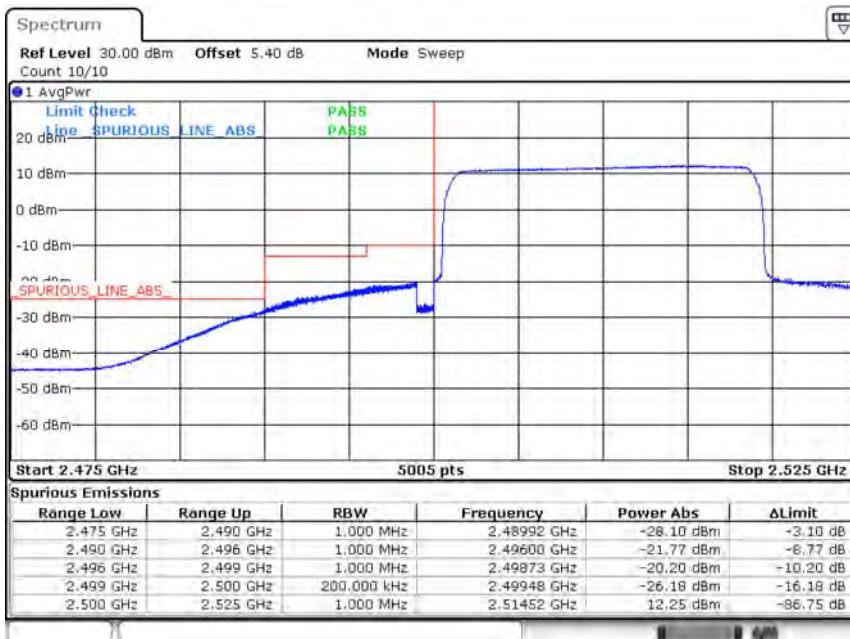


Date: 7.JUL.2021 11:16:55



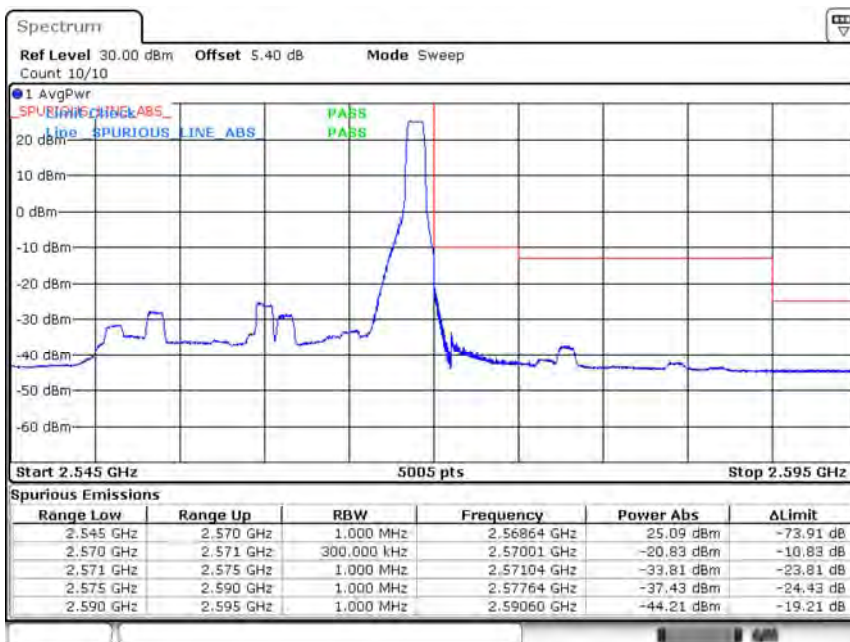
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Band7-20MHz-QPSK-20850-100RB#0



Date: 7.JUL.2021 11:17:28

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



Date: 7.JUL.2021 11:18:24



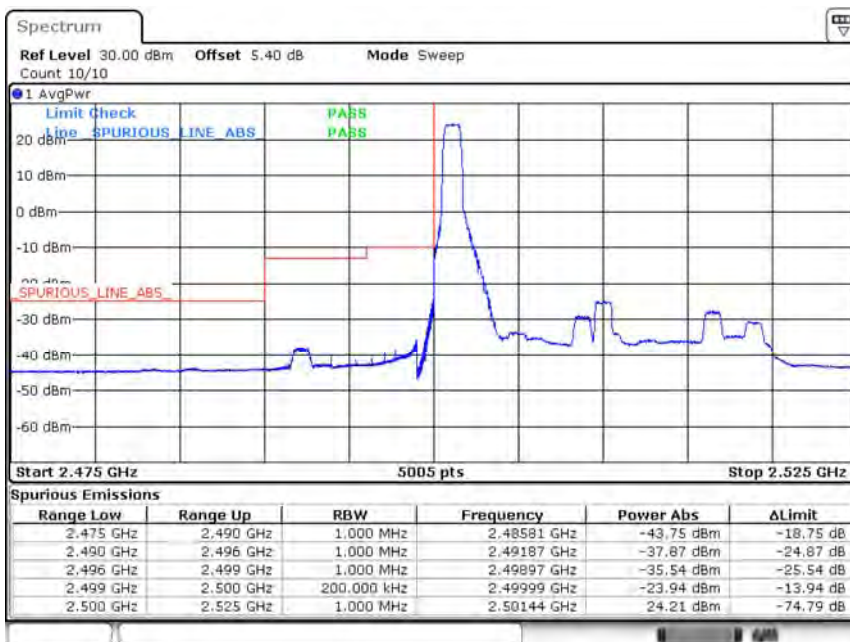
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Band7-20MHz-QPSK-21350-100RB#0



Date: 7.JUL.2021, 11:18:58

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

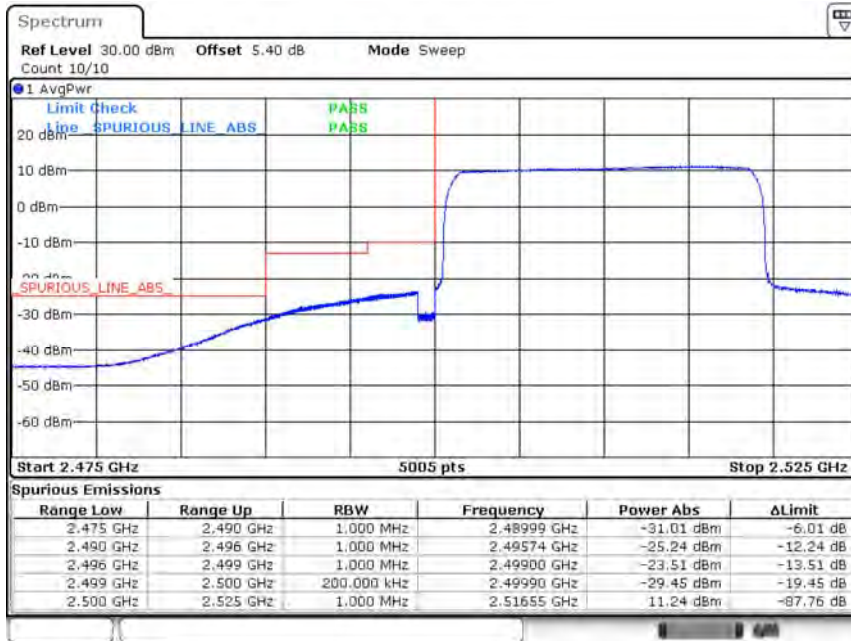


Date: 7.JUL.2021, 11:17:11



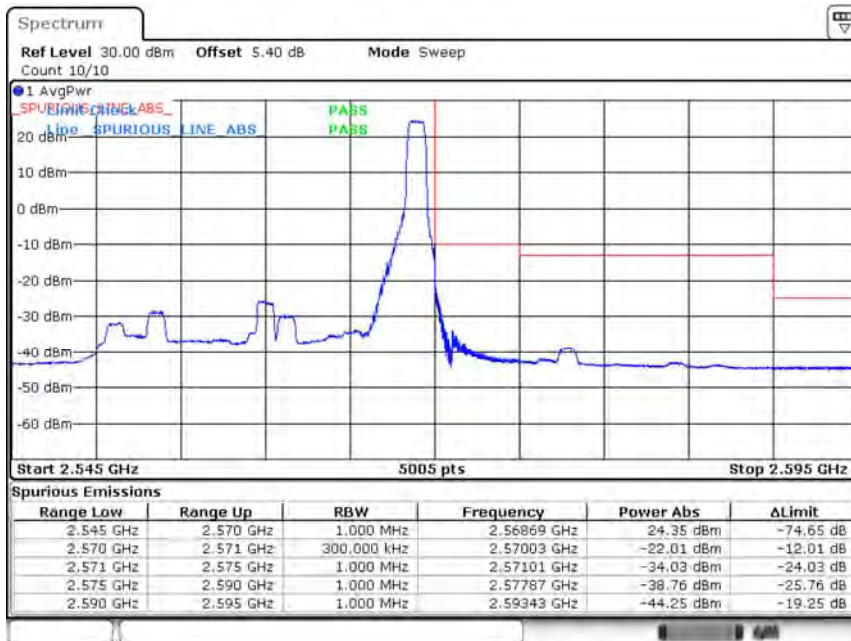
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Band7-20MHz-16QAM-20850-100RB#0



Date: 7.JUL.2021 11:17:45

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



Date: 7.JUL.2021 11:18:41



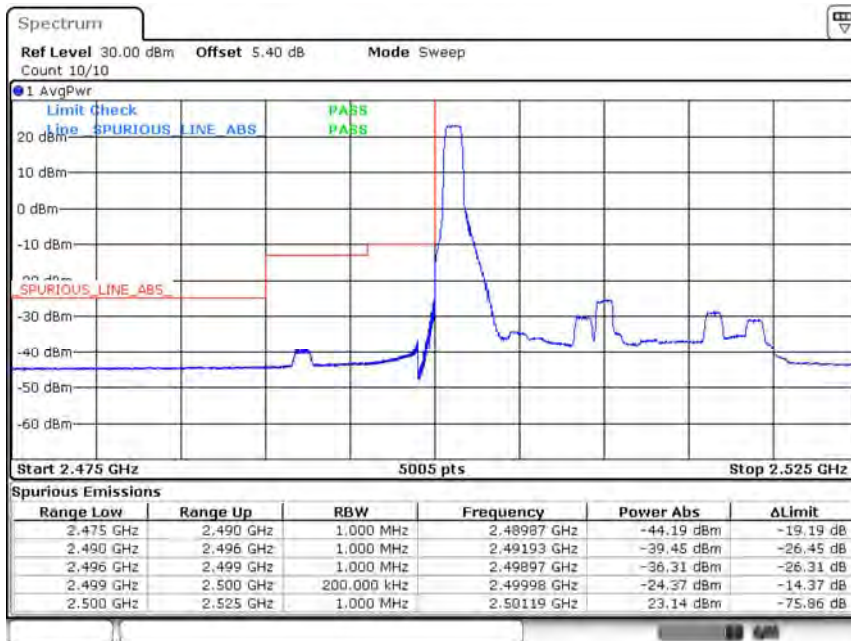
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Band7-20MHz-16QAM-21350-100RB#0



Date: 7.JUL.2021 11:19:15

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



Date: 7.JUL.2021 14:11:18



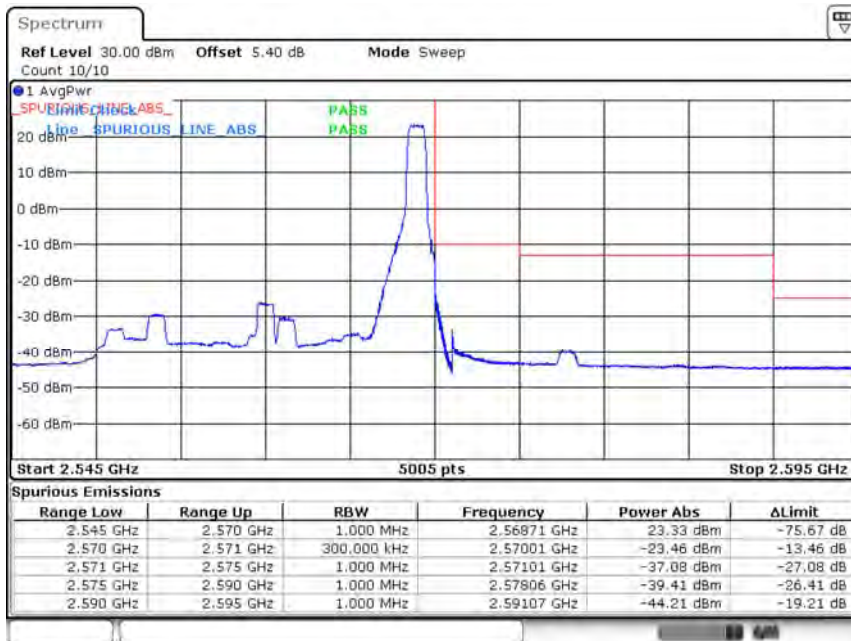
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Band7-20MHz-64QAM-20850-100RB#0



Date: 7.JUL.2021 14:11:35

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



Date: 7.JUL.2021 14:12:15



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



Date: 7.JUL.2021 14:12:32



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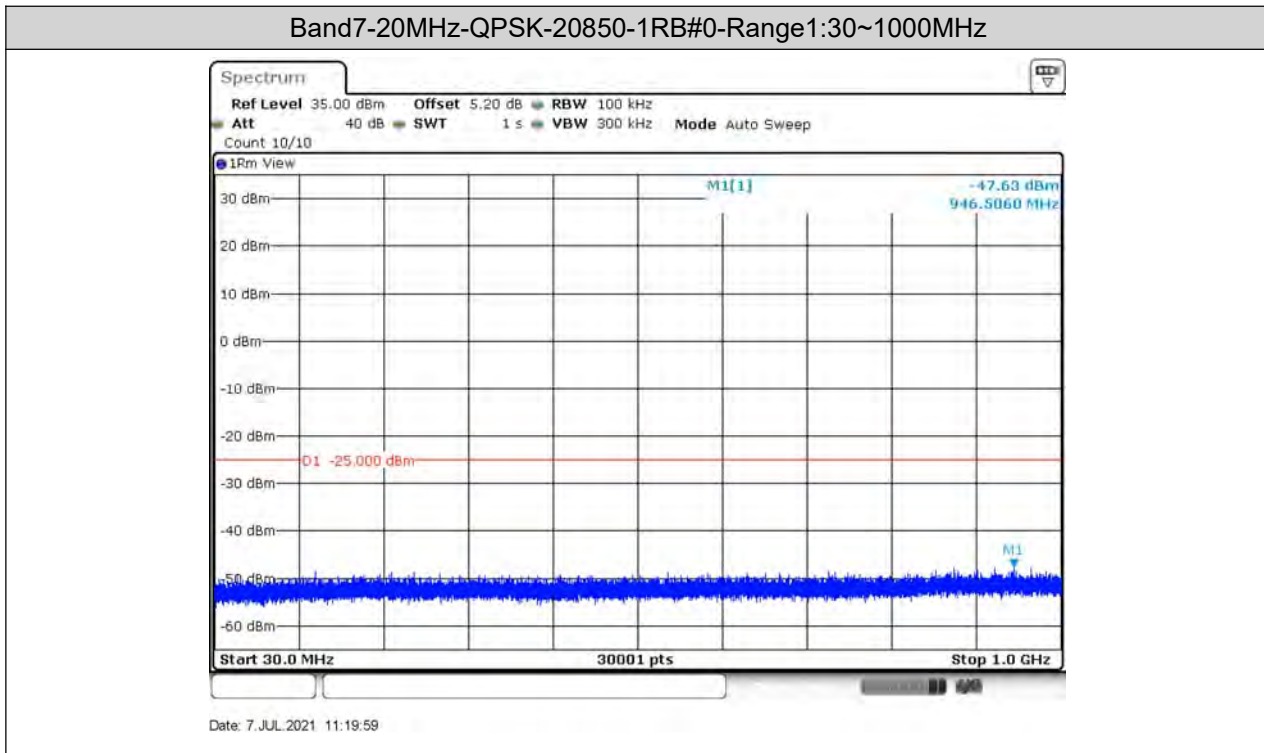
6. Spurious Emission at Antenna Terminal

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

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

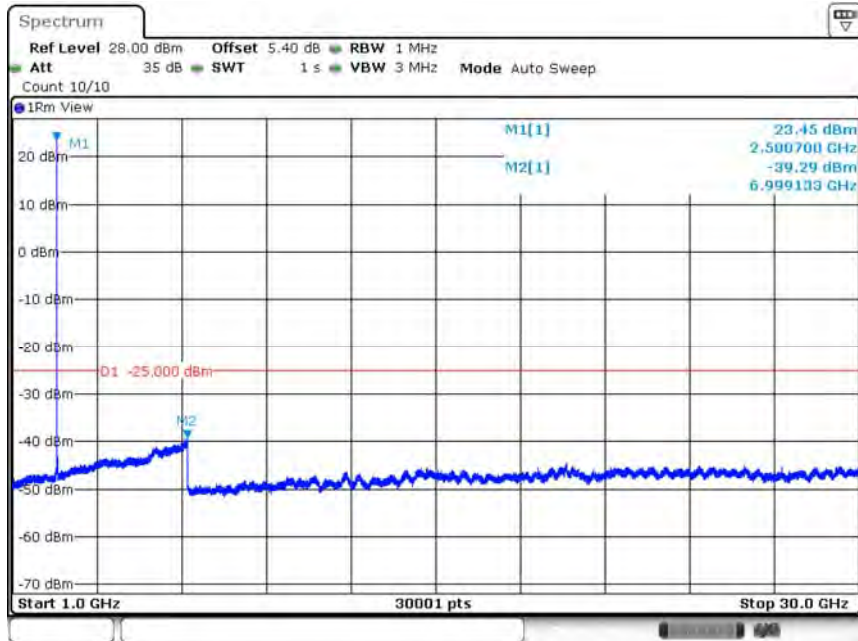
6.1. Test Plots



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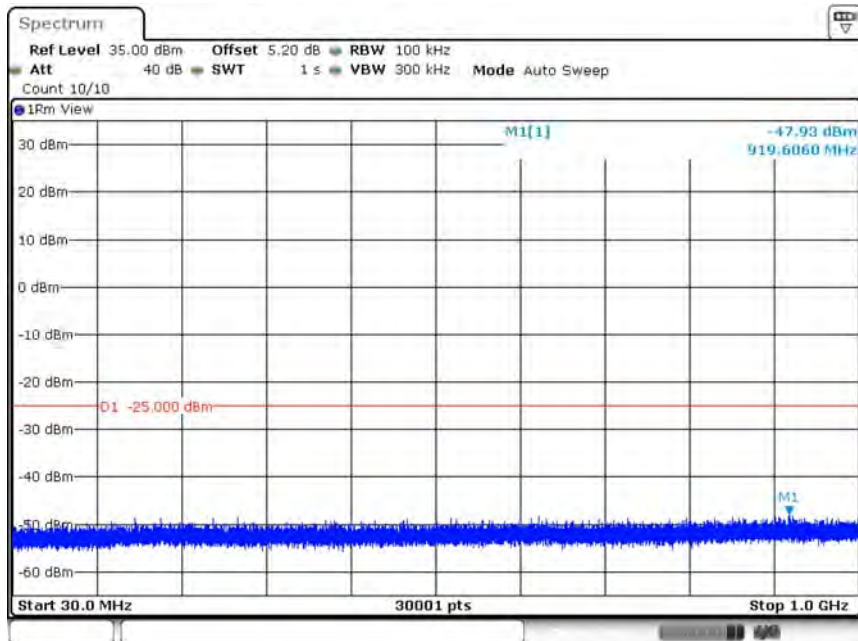
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Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 11:20:16

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



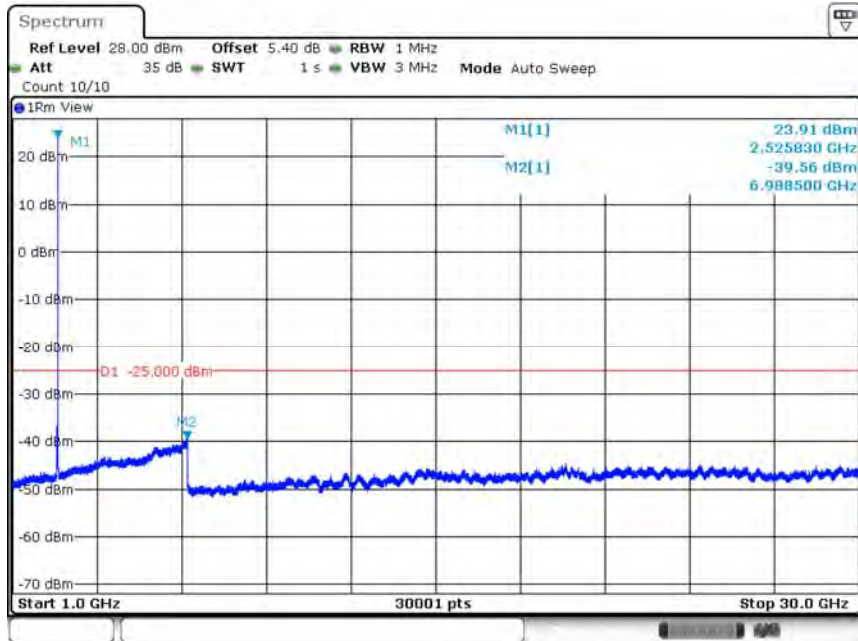
Date: 7.JUL.2021 11:21:23



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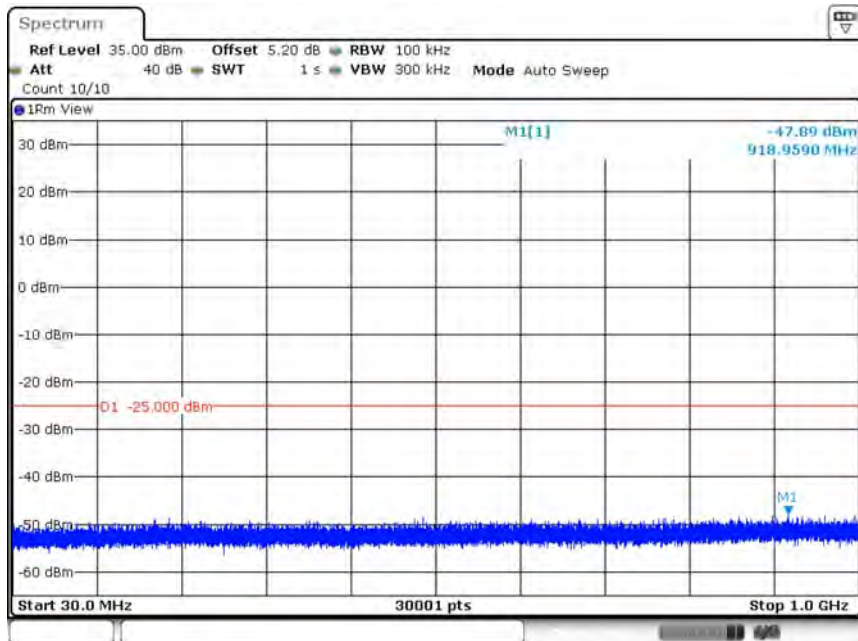
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 11:21:40

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

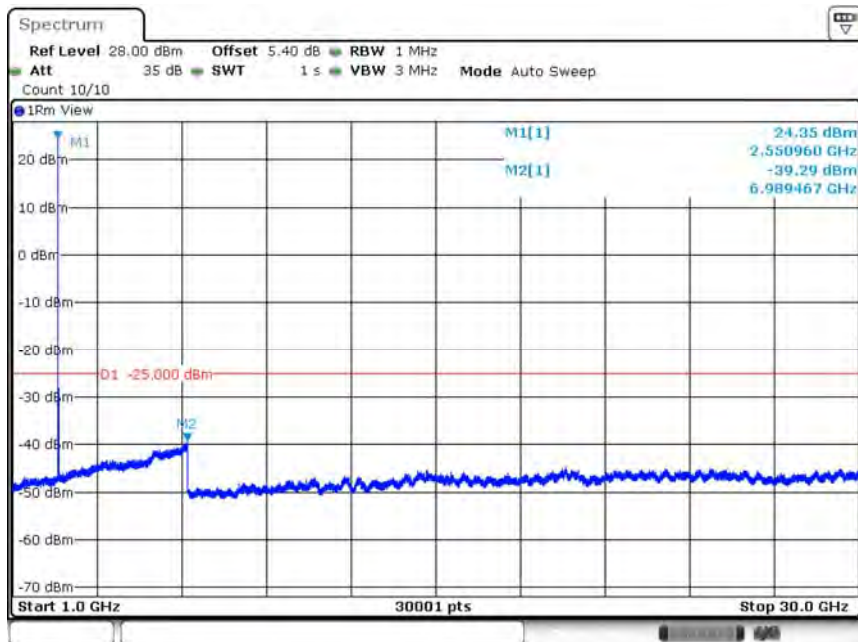


Date: 7.JUL.2021 11:22:47



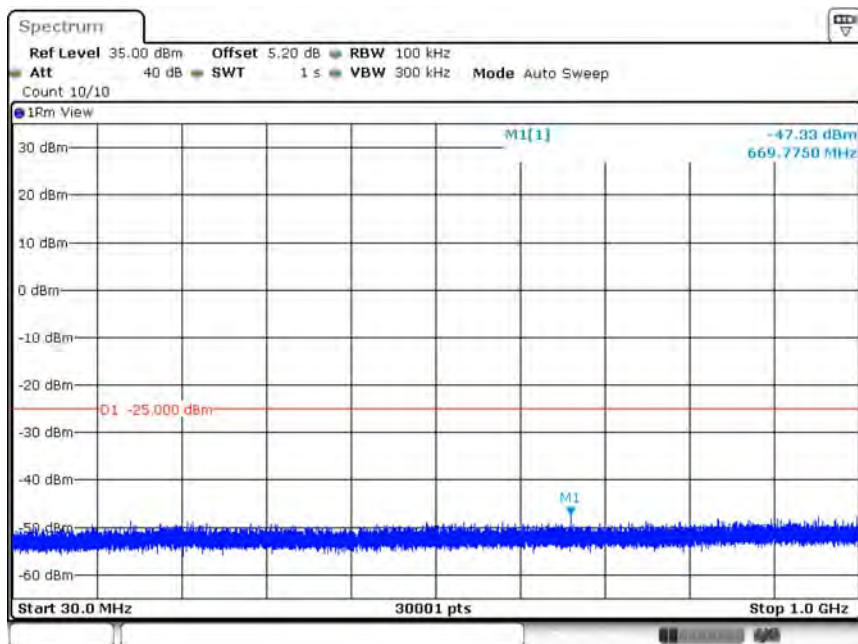
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 11:23:04

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

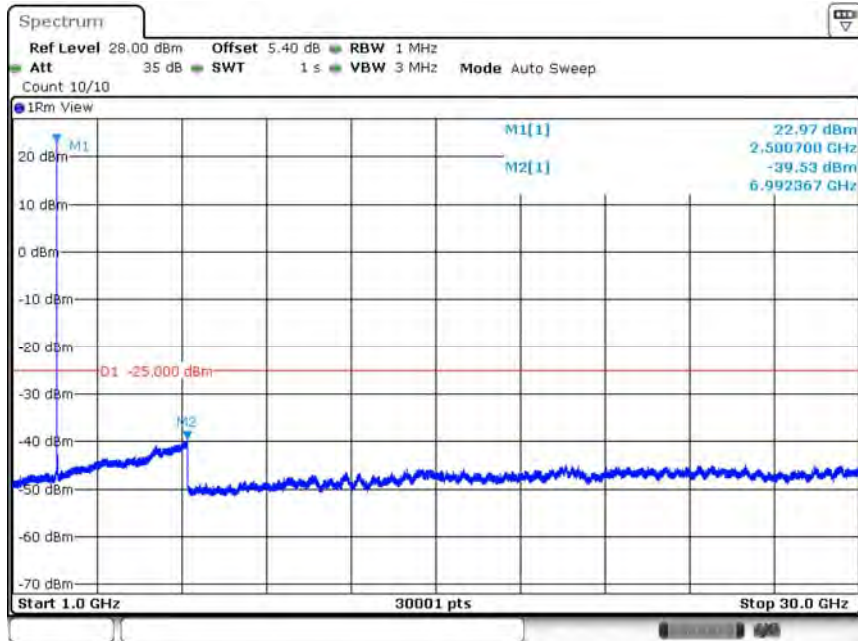


Date: 7.JUL.2021 11:20:41



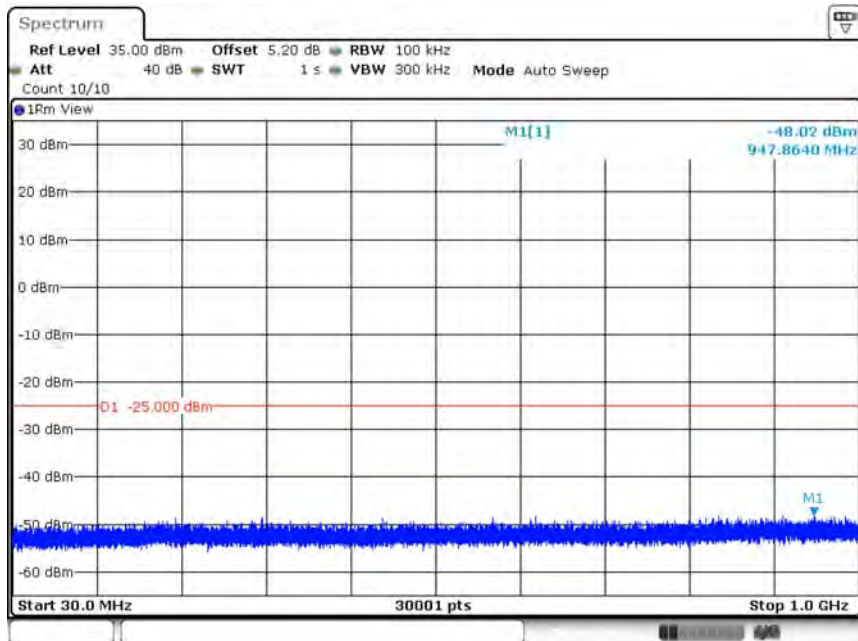
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 11:20:58

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

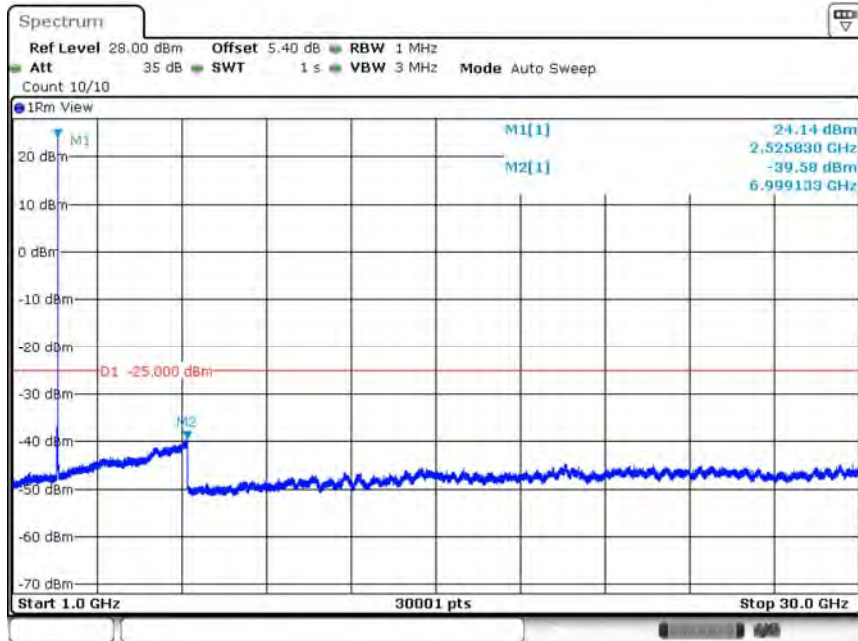


Date: 7.JUL.2021 11:22:05



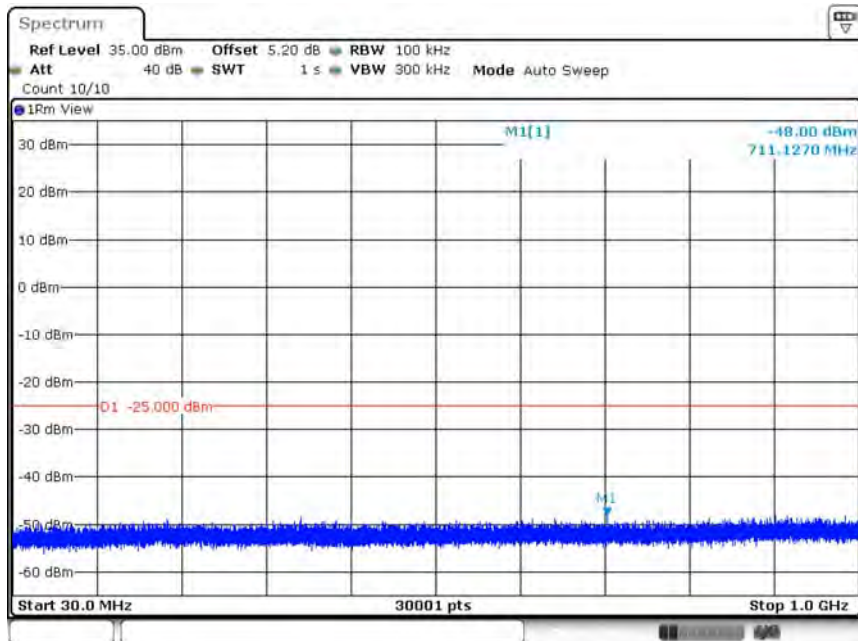
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 7 JUL 2021 11:22:22

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

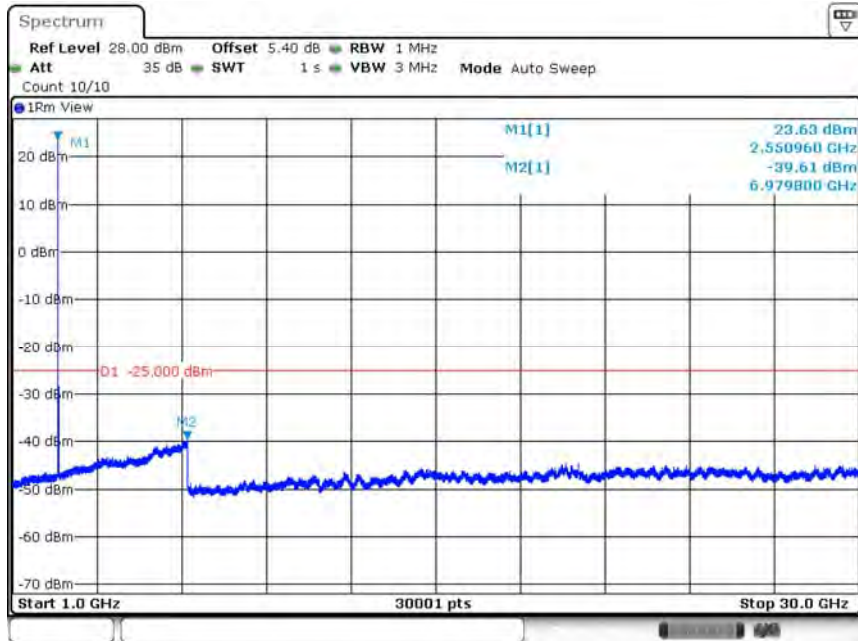


Date: 7 JUL 2021 11:23:28



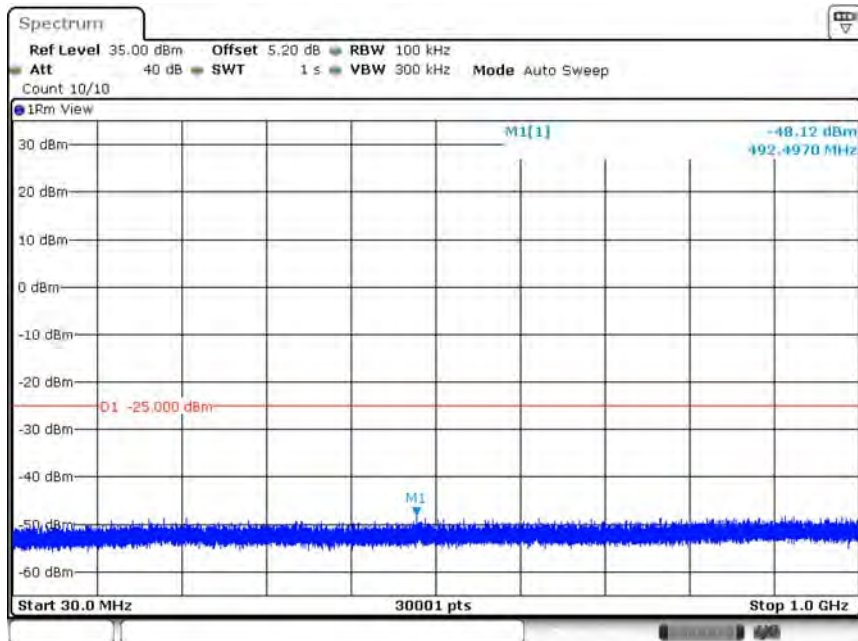
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Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 7 JUL 2021 11:23:46

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

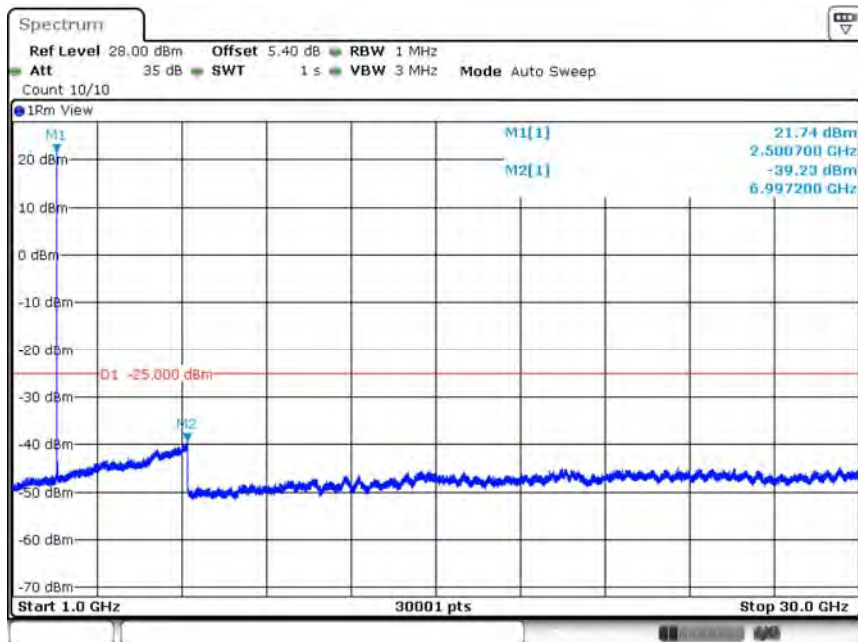


Date: 7 JUL 2021 14:13:16



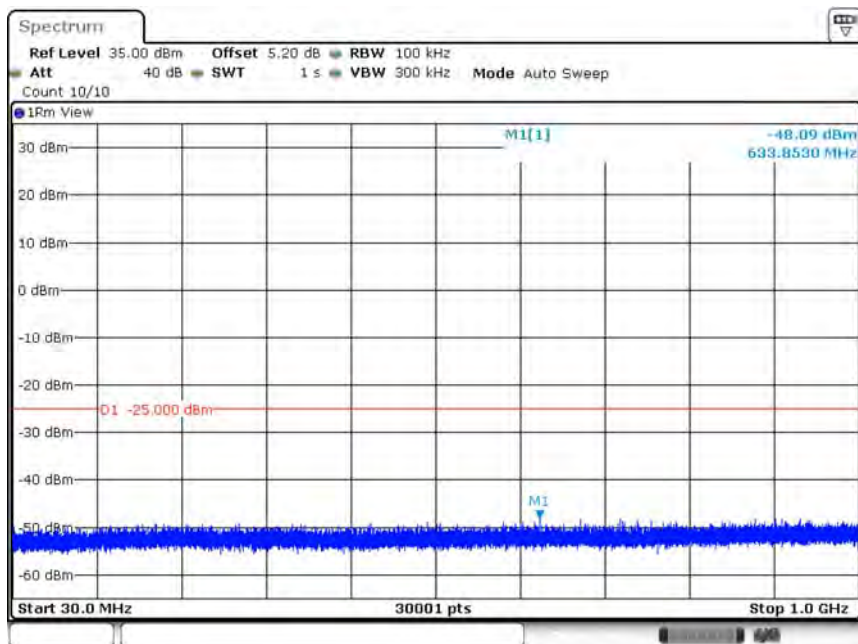
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 7 JUL 2021 14:13:33

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

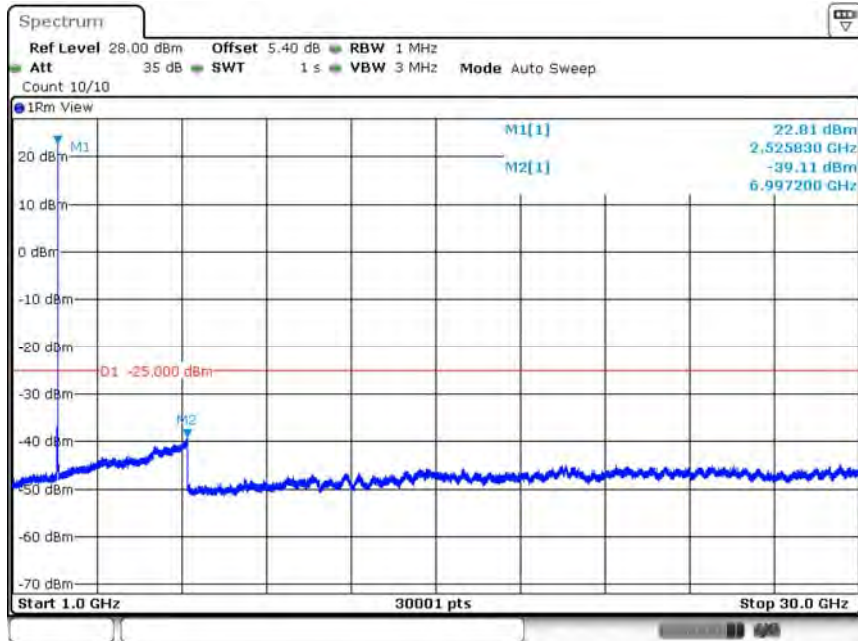


Date: 7 JUL 2021 14:13:58



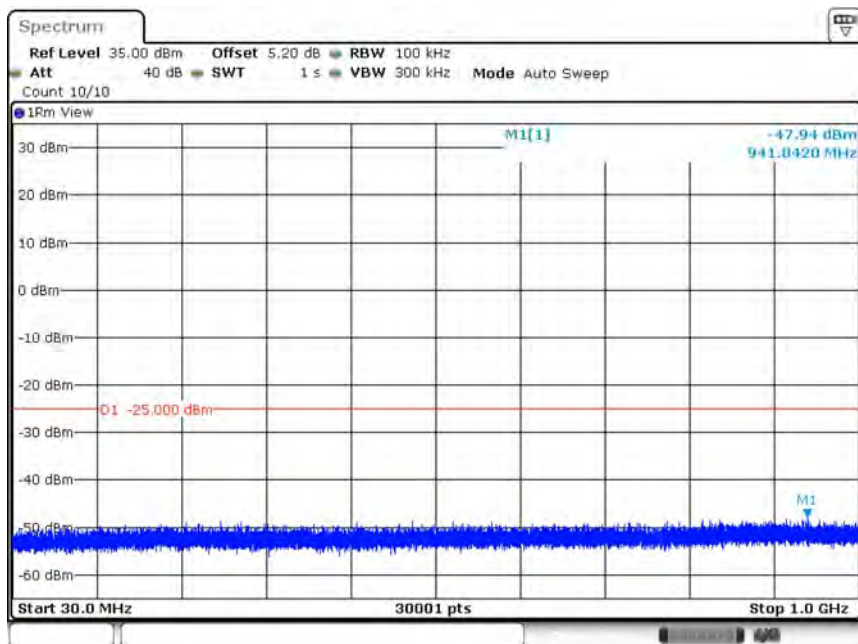
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 14:14:15

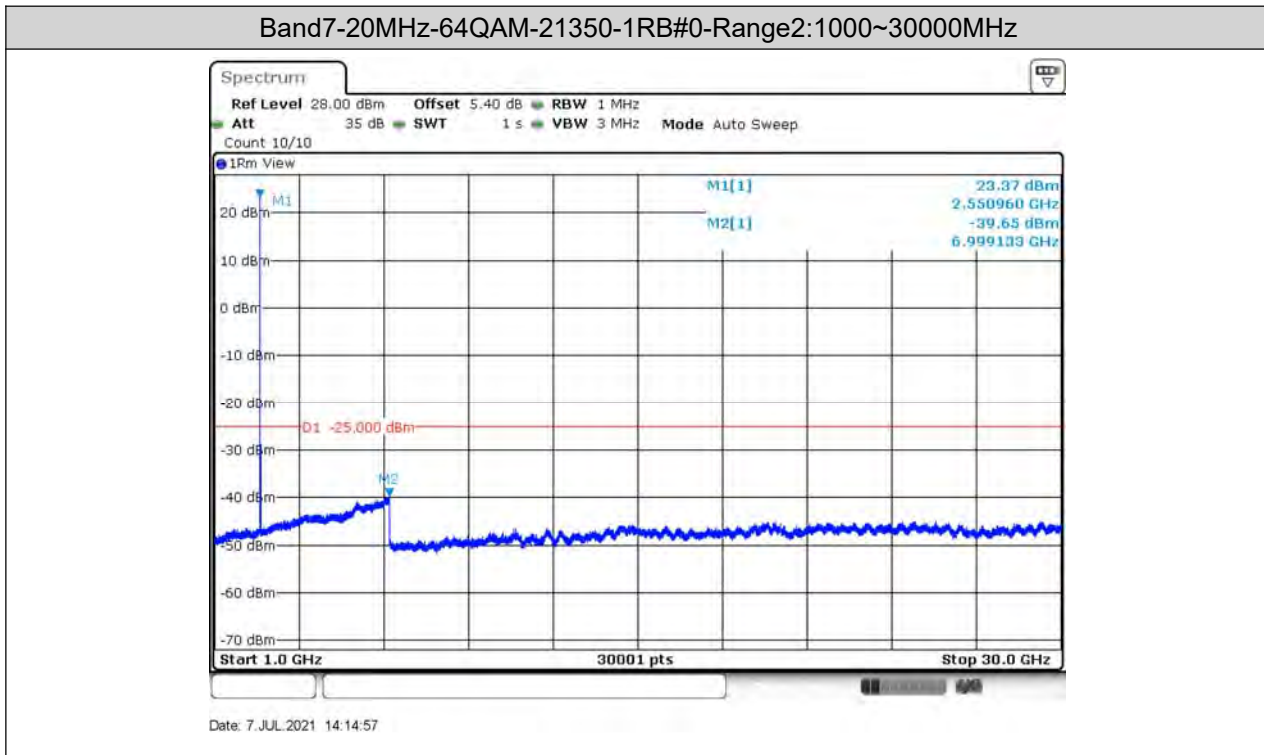
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Date: 7.JUL.2021 14:14:40



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7. Field Strength of Spurious Radiation

7.1. Test Band = _B7 ANT2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1920.8651	22.41	-47.17	-13.00	34.17	Horizontal
2	2952.9941	20.81	-43.90	-13.00	30.90	Horizontal
3	6513.1757	49.77	-54.85	-13.00	41.85	Horizontal
4	13340.017	47.05	-45.74	-13.00	32.74	Horizontal
5	16428.671	48.32	-45.94	-13.00	32.94	Horizontal
6	17987.999	49.44	-44.19	-13.00	31.19	Horizontal



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7.2. Test Band = _B7 ANT2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1904.1130	36.94	-32.79	-13.00	19.79	Vertical
2	2930.2413	21.17	-43.54	-13.00	30.54	Vertical
3	5703.1352	50.09	-56.77	-13.00	43.77	Vertical
4	11248.9124	47.82	-48.02	-13.00	35.02	Vertical
5	15019.351	45.90	-45.78	-13.00	32.78	Vertical
6	17817.740	49.33	-44.87	-13.00	31.87	Vertical



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7.3. Test Band = _B7 ANT2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1759.3449	20.63	-49.45	-13.00	36.45	Horizontal
2	2979.2474	21.17	-43.56	-13.00	30.56	Horizontal
3	5674.6337	50.91	-56.20	-13.00	43.20	Horizontal
4	11218.1609	47.99	-47.73	-13.00	34.73	Horizontal
5	15013.350	45.78	-45.85	-13.00	32.85	Horizontal
6	17833.491	49.89	-44.33	-13.00	31.33	Horizontal



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7.4. Test Band = _B7 ANT2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1726.0908	34.55	-35.62	-13.00	22.62	Vertical
2	2920.9901	20.93	-43.93	-13.00	30.93	Vertical
3	6030.1515	50.39	-56.27	-13.00	43.27	Vertical
4	11948.6974	47.87	-47.02	-13.00	34.02	Vertical
5	15044.852	46.06	-45.87	-13.00	32.87	Vertical
6	17984.999	49.34	-44.23	-13.00	31.23	Vertical



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7.5. Test Band = _B7 ANT2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1517.8147	19.84	-50.25	-13.00	37.25	Horizontal
2	2966.9959	21.07	-43.81	-13.00	30.81	Horizontal
3	5680.6340	50.82	-56.21	-13.00	43.21	Horizontal
4	10607.630	47.94	-48.91	-13.00	35.91	Horizontal
5	16413.670	48.49	-45.50	-13.00	32.50	Horizontal
6	17919.746	48.85	-44.08	-13.00	31.08	Horizontal



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7.6. Test Band = _B7 ANT2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1936.3670	26.90	-42.39	-13.00	29.39	Vertical
2	2937.2422	20.95	-43.79	-13.00	30.79	Vertical
3	5692.6346	50.34	-56.54	-13.00	43.54	Vertical
4	11914.9457	47.33	-47.03	-13.00	34.03	Vertical
5	16409.920	48.10	-45.82	-13.00	32.82	Vertical
6	17991.749	49.69	-44.02	-13.00	31.02	Vertical



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7.7. Test Band = _B7 ANT8

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1921.3652	25.76	-43.82	-13.00	30.82	Horizontal
2	2956.2445	20.91	-43.82	-13.00	30.82	Horizontal
3	7485.9743	49.89	-52.26	-13.00	39.26	Horizontal
4	11175.4088	47.56	-48.03	-13.00	35.03	Horizontal
5	16409.920	48.10	-45.82	-13.00	32.82	Horizontal
6	17829.741	49.71	-44.50	-13.00	31.50	Horizontal



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7.8. Test Band = _B7 ANT8

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1770.0963	20.35	-49.60	-13.00	36.60	Vertical
2	2999.2499	20.58	-43.89	-13.00	30.89	Vertical
3	7503.2252	53.31	-48.77	-13.00	35.77	Vertical
4	12439.972	47.50	-46.34	-13.00	33.34	Vertical
5	16414.420	48.51	-45.49	-13.00	32.49	Vertical
6	17916.745	49.00	-43.94	-13.00	30.94	Vertical



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7.9. Test Band = _B7 ANT8

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1938.8674	25.67	-43.53	-13.00	30.53	Horizontal
2	2998.9999	20.56	-43.92	-13.00	30.92	Horizontal
3	5694.1347	50.29	-56.57	-13.00	43.57	Horizontal
4	11269.1635	47.93	-47.97	-13.00	34.97	Horizontal
5	14057.052	46.83	-45.19	-13.00	32.19	Horizontal
6	17915.995	49.16	-43.78	-13.00	30.78	Horizontal



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7.10. Test Band = _B7 ANT8

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1778.5973	30.26	-39.78	-13.00	26.78	Vertical
2	2987.2484	20.93	-43.82	-13.00	30.82	Vertical
3	5738.3869	51.26	-56.39	-13.00	43.39	Vertical
4	11239.9120	47.96	-47.85	-13.00	34.85	Vertical
5	16399.420	48.57	-45.18	-13.00	32.18	Vertical
6	17983.499	49.26	-44.27	-13.00	31.27	Vertical



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7.11. Test Band = _B7 ANT8

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1938.3673	28.95	-40.27	-13.00	27.27	Horizontal
2	2917.4897	21.07	-43.85	-13.00	30.85	Horizontal
3	5708.3854	50.47	-56.50	-13.00	43.50	Horizontal
4	10594.129	47.12	-49.78	-13.00	36.78	Horizontal
5	16413.670	48.26	-45.73	-13.00	32.73	Horizontal
6	17917.495	49.00	-43.94	-13.00	30.94	Horizontal



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7.12. Test Band = _B7 ANT8

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1938.8674	32.03	-37.17	-13.00	24.17	Vertical
2	2959.2449	20.99	-43.75	-13.00	30.75	Vertical
3	7470.2235	49.52	-52.76	-13.00	39.76	Vertical
4	11898.4449	47.17	-46.99	-13.00	33.99	Vertical
5	16402.420	47.88	-45.90	-13.00	32.90	Vertical
6	17914.495	48.57	-44.38	-13.00	31.38	Vertical



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7.13. Test Band = _B7 ANT5

7.13.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1522.8154	20.07	-50.00	-13.00	37.00	Horizontal
2	2950.2438	21.10	-43.60	-13.00	30.60	Horizontal
3	7482.9741	49.85	-52.32	-13.00	39.32	Horizontal
4	11332.1666	47.98	-47.76	-13.00	34.76	Horizontal
5	15023.851	45.35	-46.38	-13.00	33.38	Horizontal
6	17933.996	48.75	-44.14	-13.00	31.14	Horizontal



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7.14. Test Band = _B7 ANT5

7.14.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1871.1089	20.01	-49.45	-13.00	36.45	Vertical
2	2939.2424	21.09	-43.66	-13.00	30.66	Vertical
3	5660.3830	51.02	-56.27	-13.00	43.27	Vertical
4	8401.7701	49.18	-51.82	-13.00	38.82	Vertical
5	12822.4911	46.39	-46.77	-13.00	33.77	Vertical
6	17981.999	49.31	-44.19	-13.00	31.19	Vertical



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7.15. Test Band = _B7 ANT5

7.15.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1292.2865	20.14	-50.41	-13.00	37.41	Horizontal
2	2999.4999	20.59	-43.88	-13.00	30.88	Horizontal
3	4695.8348	50.82	-60.26	-13.00	47.26	Horizontal
4	9037.0519	48.22	-50.85	-13.00	37.85	Horizontal
5	15031.351	46.54	-45.26	-13.00	32.26	Horizontal
6	17981.249	49.29	-44.20	-13.00	31.20	Horizontal



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7.16. Test Band = _B7 ANT5

7.16.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1509.0636	19.76	-50.08	-13.00	37.08	Vertical
2	2969.9963	21.27	-43.66	-13.00	30.66	Vertical
3	6350.4175	49.72	-56.07	-13.00	43.07	Vertical
4	11216.6608	47.58	-48.14	-13.00	35.14	Vertical
5	16400.920	47.87	-45.89	-13.00	32.89	Vertical
6	17812.490	50.00	-44.20	-13.00	31.20	Vertical



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7.17. Test Band = _B7 ANT5

7.17.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1760.0950	20.58	-49.47	-13.00	36.47	Horizontal
2	2990.4988	20.94	-43.81	-13.00	30.81	Horizontal
3	5685.8843	50.38	-56.58	-13.00	43.58	Horizontal
4	11907.4454	47.38	-46.86	-13.00	33.86	Horizontal
5	16398.669	47.91	-45.86	-13.00	32.86	Horizontal
6	17833.491	49.82	-44.40	-13.00	31.40	Horizontal



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7.18. Test Band = _B7 ANT5

7.18.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1553.8192	20.19	-50.05	-13.00	37.05	Vertical
2	2978.4973	21.13	-43.62	-13.00	30.62	Vertical
3	5691.8846	50.48	-56.41	-13.00	43.41	Vertical
4	10647.382	47.63	-49.21	-13.00	36.21	Vertical
5	16433.171	48.53	-45.82	-13.00	32.82	Vertical
6	17980.499	49.21	-44.26	-13.00	31.26	Vertical



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7.19. Test Band = _B7 ANT4

7.19.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1678.0848	20.51	-49.54	-13.00	36.54	Horizontal
2	2998.9999	20.73	-43.75	-13.00	30.75	Horizontal
3	5184.1092	50.54	-58.55	-13.00	45.55	Horizontal
4	9037.8019	48.51	-50.57	-13.00	37.57	Horizontal
5	14036.801	46.56	-45.59	-13.00	32.59	Horizontal
6	17912.995	48.28	-44.67	-13.00	31.67	Horizontal



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7.21. Test Band = _B7 ANT4

7.21.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1771.0964	22.27	-47.69	-13.00	34.69	Horizontal
2	2956.9946	20.77	-43.96	-13.00	30.96	Horizontal
3	5995.6498	50.37	-56.67	-13.00	43.67	Horizontal
4	11164.1582	46.86	-48.70	-13.00	35.70	Horizontal
5	16393.419	48.01	-45.87	-13.00	32.87	Horizontal
6	17979.749	49.07	-44.39	-13.00	31.39	Horizontal



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7.22. Test Band = _B7 ANT4

7.22.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1756.5946	22.34	-47.85	-13.00	34.85	Vertical
2	2965.9957	21.08	-43.78	-13.00	30.78	Vertical
3	5693.3847	50.71	-56.16	-13.00	43.16	Vertical
4	10124.606	47.09	-50.57	-13.00	37.57	Vertical
5	14033.051	46.54	-45.67	-13.00	32.67	Vertical
6	17906.245	48.78	-44.20	-13.00	31.20	Vertical



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7.23. Test Band = _B7 ANT4

7.23.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1682.5853	20.56	-49.40	-13.00	36.40	Horizontal
2	2999.7500	21.24	-43.22	-13.00	30.22	Horizontal
3	7486.7243	49.23	-52.91	-13.00	39.91	Horizontal
4	11224.1612	47.80	-47.95	-13.00	34.95	Horizontal
5	16392.669	48.10	-45.79	-13.00	32.79	Horizontal
6	17990.249	50.15	-43.53	-13.00	30.53	Horizontal



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7.24. Test Band = _B7 ANT4

7.24.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1554.3193	20.25	-50.00	-13.00	37.00	Vertical
2	2923.2404	20.86	-43.96	-13.00	30.96	Vertical
3	7463.4732	49.42	-52.91	-13.00	39.91	Vertical
4	11290.1645	48.21	-47.74	-13.00	34.74	Vertical
5	16395.669	48.18	-45.65	-13.00	32.65	Vertical
6	17984.249	48.95	-44.60	-13.00	31.60	Vertical

Remark:

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



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8. Frequency Stability

8.1 Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	13.80	0.005498	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-3.50	-0.001394	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	23.40	0.009323	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	4.40	0.001736	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	1.40	0.000552	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	2.30	0.000907	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	2.30	0.000898	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	0.50	0.000195	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	7.10	0.002773	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	8.20	0.003267	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	5.30	0.002112	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	9.30	0.003705	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	2.50	0.000986	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	3.70	0.001460	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	2.70	0.001065	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	9.00	0.003516	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	6.00	0.002344	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	3.00	0.001195	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	6.30	0.002510	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	8.30	0.003307	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	8.90	0.003511	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	8.70	0.003432	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	8.50	0.003353	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	9.10	0.003555	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	9.50	0.003711	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	13.50	0.005273	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Temperature					
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	0.80	0.000319	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	8.70	0.003466	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	2.00	0.000797	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	1.40	0.000558	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	6.00	0.002390	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	4.80	0.001912	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	2.60	0.001036	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	6.00	0.002390	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	7.30	0.002908	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	3.00	0.001183	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	6.50	0.002564	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	6.90	0.002722	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	4.20	0.001657	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	0.70	0.000276	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	1.00	0.000394	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	4.10	0.001617	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	0.50	0.000197	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	4.40	0.001736	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	10.20	0.003984	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	7.30	0.002852	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	0.50	0.000195	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	4.60	0.001797	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	8.40	0.003281	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	6.50	0.002539	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	5.50	0.002148	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	3.80	0.001484	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	3.10	0.001211	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	5.00	0.001992	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	5.30	0.002112	±2.5	PASS



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Band7	20MHz	16QAM	20850	100RB#0	NV	-10	5.90	0.002351	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	5.90	0.002351	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	3.60	0.001434	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	8.50	0.003386	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	6.40	0.002550	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	0.90	0.000359	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	2.40	0.000956	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	2.70	0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	5.10	0.002012	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	6.60	0.002604	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	2.70	0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	2.40	0.000947	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	2.10	0.000828	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	0.80	0.000316	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	3.30	0.001302	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	3.40	0.001341	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	7.70	0.003008	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	3.00	0.001172	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	9.80	0.003828	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	4.40	0.001719	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	6.50	0.002539	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	7.10	0.002773	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	0.80	0.000313	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	4.80	0.001875	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	2.90	0.001133	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	9.30	0.003705	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	8.90	0.003546	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	4.30	0.001713	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	5.60	0.002231	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	6.70	0.002669	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-0.40	-0.000159	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	12.40	0.004940	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	7.90	0.003147	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	8.80	0.003506	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-6.60	-0.002604	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	5.70	0.002249	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	10.30	0.004063	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	8.00	0.003156	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-3.20	-0.001262	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	5.40	0.002130	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	5.00	0.001972	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	0.50	0.000197	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	-3.70	-0.001460	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-4.20	-0.001641	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	12.60	0.004922	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	-2.30	-0.000898	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	5.90	0.002305	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	15.30	0.005977	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-0.50	-0.000195	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	14.00	0.005469	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	13.30	0.005195	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	10.10	0.003945	±2.5	PASS

The End



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