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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.14	22.18	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.36	22.40	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.08	22.12	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.30	21.34	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.25	21.29	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.24	21.28	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.25	21.29	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.02	22.06	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.07	22.11	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.27	22.31	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.15	21.19	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.19	21.23	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.15	21.19	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.15	21.19	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.44	22.48	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.22	22.26	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.20	22.24	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.35	21.39	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.41	21.45	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.35	21.39	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.37	21.41	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.52	20.56	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.51	20.55	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.77	20.81	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.53	19.57	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.59	19.63	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.54	19.58	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.55	19.59	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.36	20.40	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.56	20.60	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.32	20.36	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.30	19.34	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.36	19.40	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.32	19.36	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.31	19.35	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.26	20.30	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.45	20.49	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.18	20.22	33.00	PASS



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Band7	5MHz	64QAM	21425	12RB#0	19.21	19.25	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.24	19.28	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.20	19.24	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.23	19.27	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.44	21.48	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.27	21.31	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.63	21.67	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.30	20.34	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.33	20.37	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.27	20.31	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.28	20.32	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.32	21.36	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.57	21.61	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.22	21.26	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.19	20.23	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.24	20.28	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.23	20.27	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.21	20.25	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.41	21.45	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.52	21.56	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.69	21.73	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.39	20.43	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.42	20.46	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.40	20.44	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.39	20.43	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.18	22.22	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.32	22.36	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.24	22.28	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.29	21.33	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.30	21.34	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.28	21.32	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.28	21.32	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.22	22.26	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.13	22.17	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.14	22.18	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.23	21.27	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.20	21.24	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.18	21.22	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.22	21.26	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.27	22.31	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.41	22.45	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.33	22.37	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.42	21.46	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.40	21.44	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.41	21.45	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.41	21.45	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.71	20.75	33.00	PASS



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Band7	10MHz	64QAM	20800	1RB#49	20.67	20.71	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.67	20.71	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.59	19.63	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.61	19.65	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.60	19.64	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.58	19.62	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.38	20.42	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.55	20.59	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.56	20.60	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.40	19.44	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.38	19.42	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.41	19.45	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.41	19.45	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.41	20.45	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.24	20.28	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.42	20.46	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.30	19.34	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.26	19.30	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.29	19.33	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.30	19.34	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.55	21.59	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.54	21.58	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.44	21.48	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.34	20.38	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.32	20.36	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.31	20.35	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.31	20.35	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.39	21.43	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.45	21.49	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.52	21.56	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.21	20.25	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.26	20.30	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.23	20.27	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.24	20.28	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.56	21.60	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.56	21.60	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.66	21.70	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.39	20.43	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.42	20.46	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.42	20.46	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.40	20.44	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.08	22.12	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.23	22.27	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.21	22.25	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	21.26	21.30	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.27	21.31	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.30	21.34	33.00	PASS



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Band7	15MHz	QPSK	20825	75RB#0	21.25	21.29	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.10	22.14	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.15	22.19	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.05	22.09	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.19	21.23	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.21	21.25	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	21.20	21.24	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.22	21.26	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.24	22.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.35	22.39	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.21	22.25	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.39	21.43	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.41	21.45	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.40	21.44	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.37	21.41	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.56	20.60	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.67	20.71	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.60	20.64	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.54	19.58	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	19.55	19.59	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	19.53	19.57	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.54	19.58	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.44	20.48	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.28	20.32	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.47	20.51	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	19.33	19.37	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	19.38	19.42	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	19.37	19.41	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.36	19.40	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.28	20.32	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.44	20.48	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.19	20.23	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	19.29	19.33	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	19.28	19.32	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	19.25	19.29	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.27	19.31	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.49	21.53	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.39	21.43	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.30	21.34	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.30	20.34	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.28	20.32	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.31	20.35	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.28	20.32	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.40	21.44	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.33	21.37	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.44	21.48	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.19	20.23	33.00	PASS



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Band7	15MHz	16QAM	21100	36RB#18	20.20	20.24	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.20	20.24	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.22	20.26	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.51	21.55	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.60	21.64	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.40	21.44	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.35	20.39	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.39	20.43	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.39	20.43	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.38	20.42	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.03	22.07	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.30	22.34	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.89	21.93	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.26	21.30	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.24	21.28	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.25	21.29	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.22	21.26	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.88	21.92	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.93	21.97	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.24	22.28	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.13	21.17	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.23	21.27	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.16	21.20	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.14	21.18	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.41	22.45	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.06	22.10	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.01	22.05	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.40	21.44	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.31	21.35	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.41	21.45	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.38	21.42	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.46	20.50	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.73	20.77	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.38	20.42	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.56	19.60	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.50	19.54	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.57	19.61	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.50	19.54	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.35	20.39	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.58	20.62	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.12	20.16	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.35	19.39	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.40	19.44	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	19.32	19.36	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.31	19.35	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.00	20.04	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.20	20.24	33.00	PASS



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Band7	20MHz	64QAM	21350	1RB#49	20.45	20.49	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.26	19.30	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.30	19.34	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.29	19.33	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.26	19.30	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.28	21.32	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.56	21.60	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.22	21.26	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.26	20.30	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.29	20.33	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.27	20.31	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.27	20.31	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.23	21.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.13	21.17	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.53	21.57	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.12	20.16	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.24	20.28	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.19	20.23	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.13	20.17	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.38	21.42	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.22	21.26	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.70	21.74	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.41	20.45	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.39	20.43	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.32	20.36	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.37	20.41	33.00	PASS

Remark:

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

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

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



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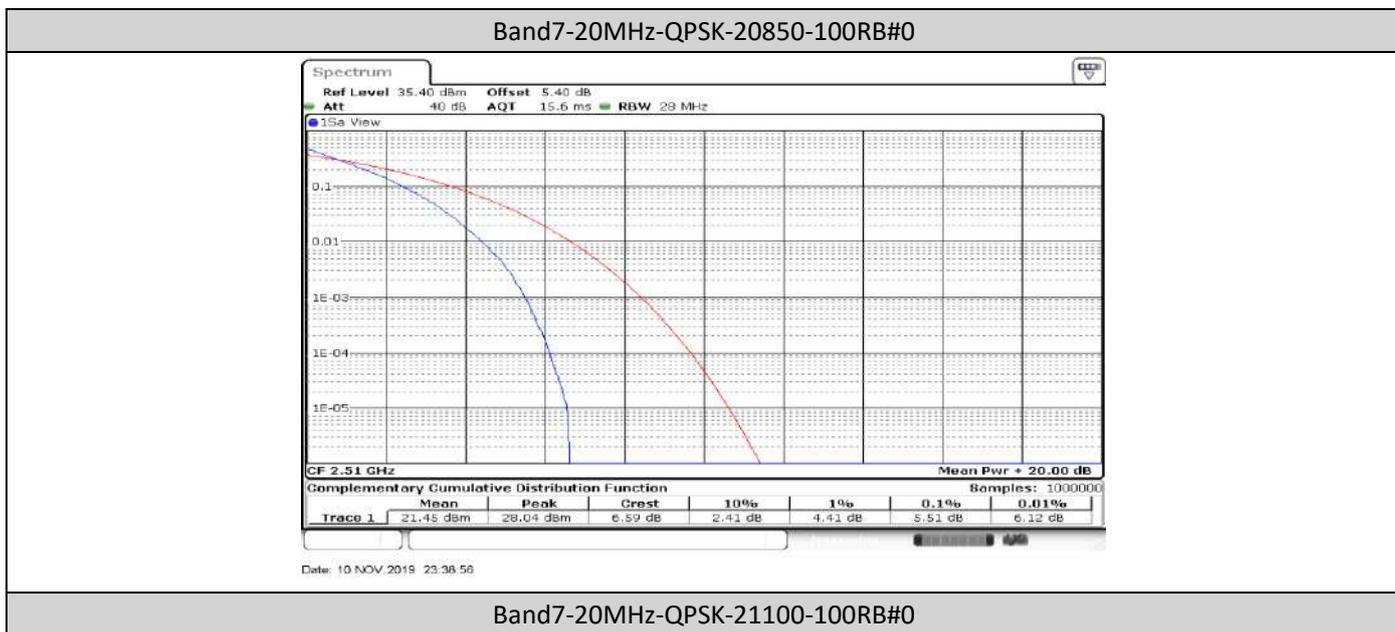


2. Peak-to-Average Ratio (CCDF)

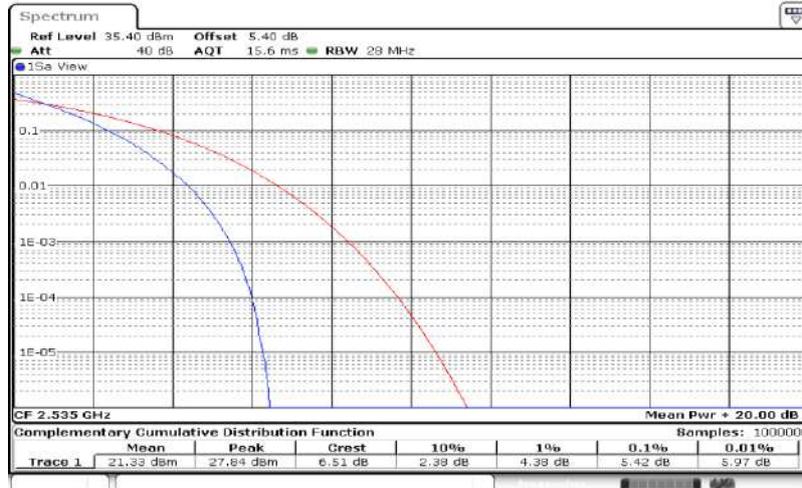
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	5.51	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.42	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.39	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.58	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.49	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.55	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.32	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.29	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.29	13	PASS

2.2. Test Plots

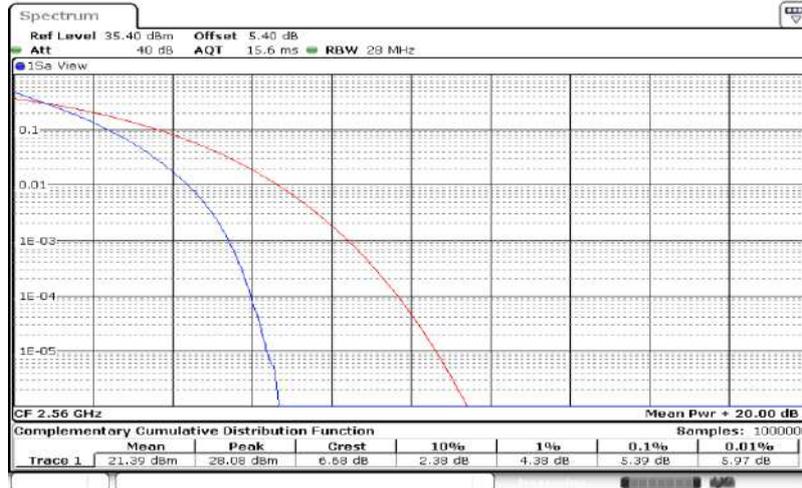


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Date: 10 NOV 2019 23:39:14

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



Date: 10 NOV 2019 23:39:32

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

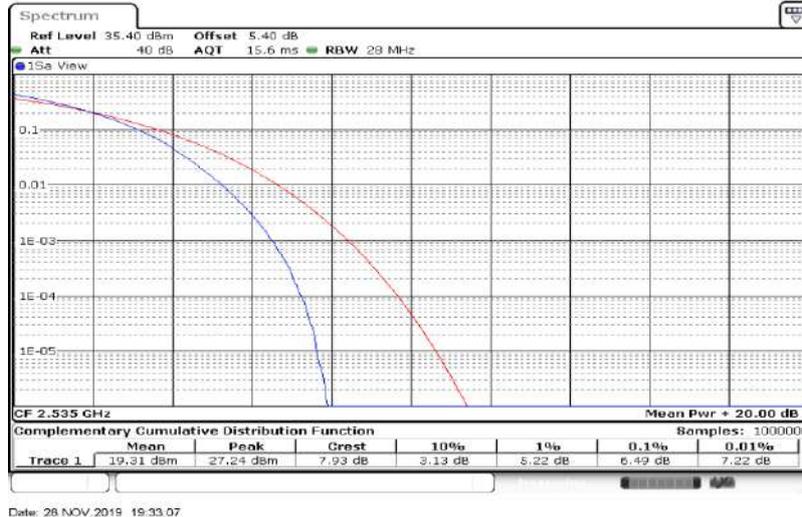


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Date: 26 NOV 2019 19:32:50

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



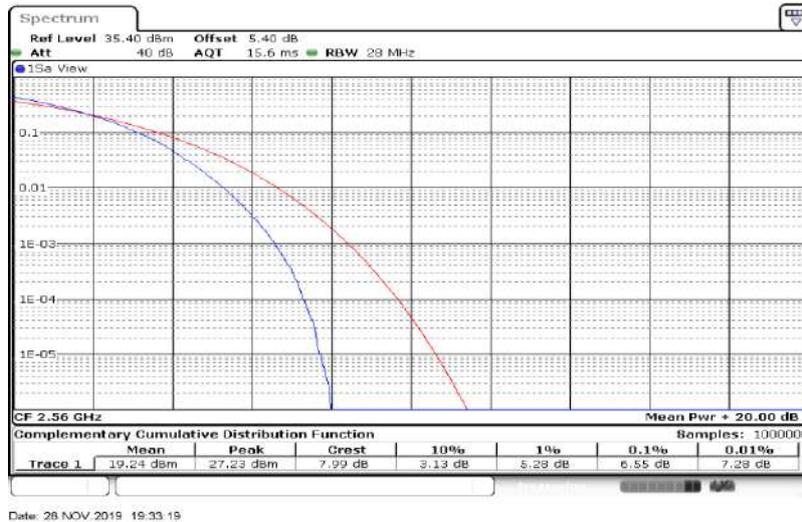
Date: 26 NOV 2019 19:33:07

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



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Date: 26 NOV 2019 19:33:19

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



Date: 10 NOV 2019 23:39:04

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



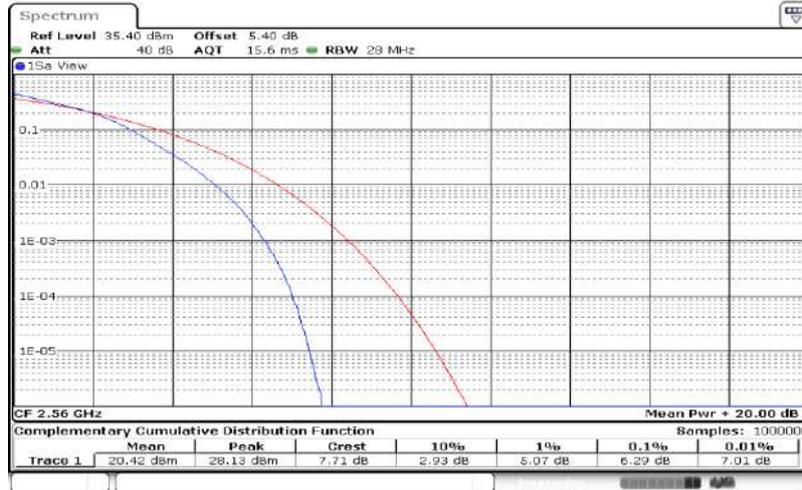
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Date: 10 NOV 2019 23:39:22

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



Date: 10 NOV 2019 23:39:41



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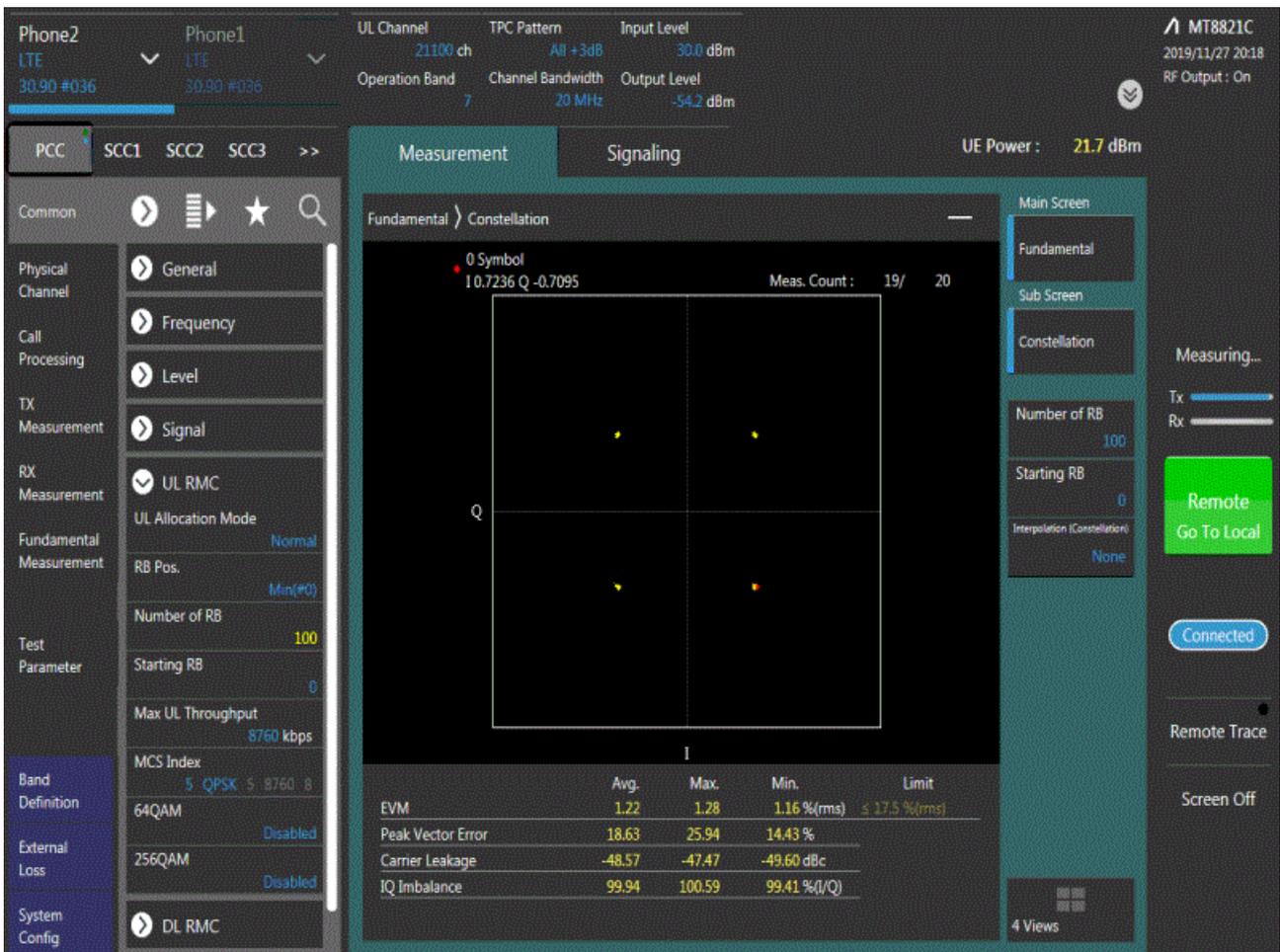
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

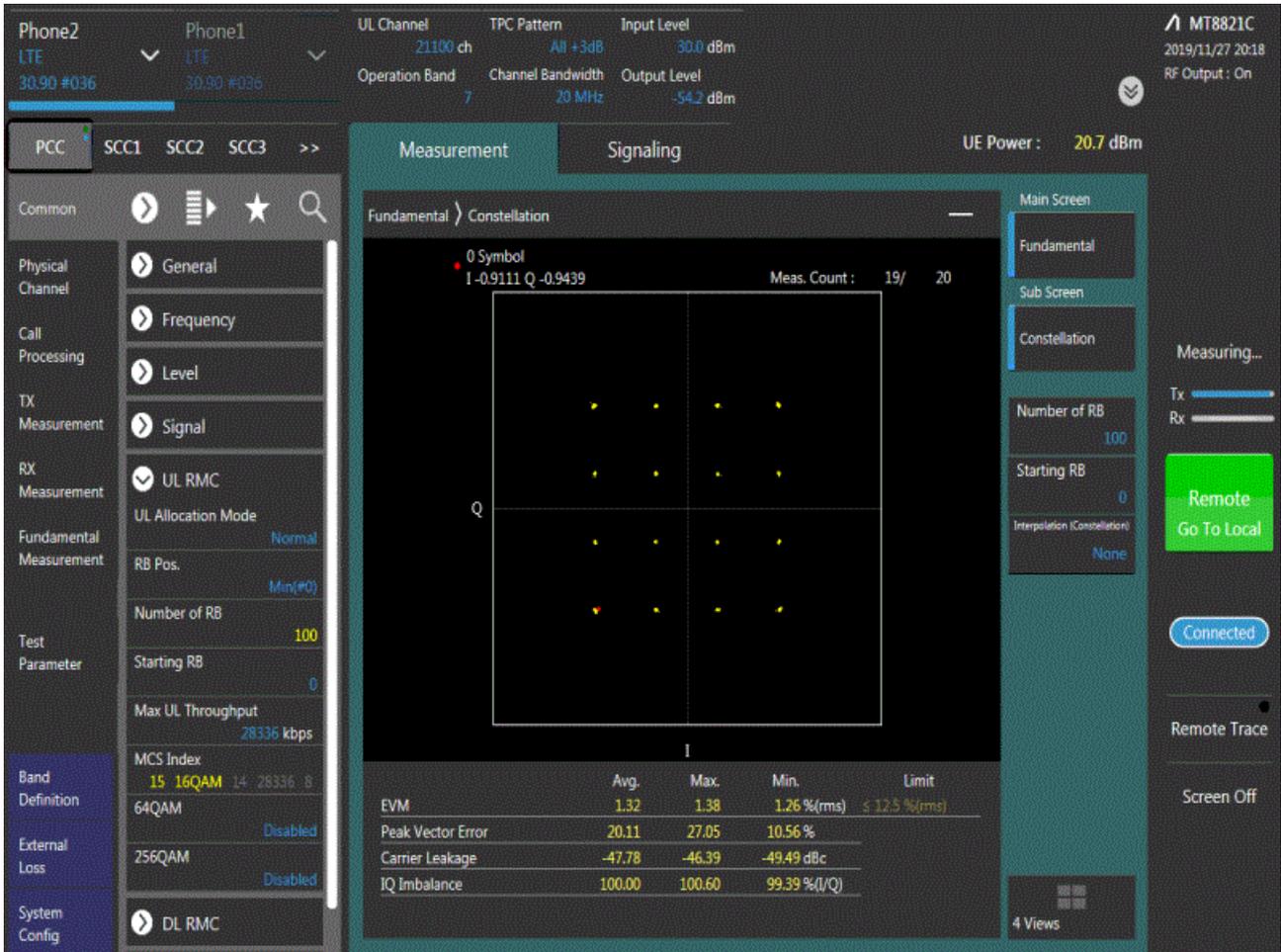
3.1.1.1. Test Channel = MCH



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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH

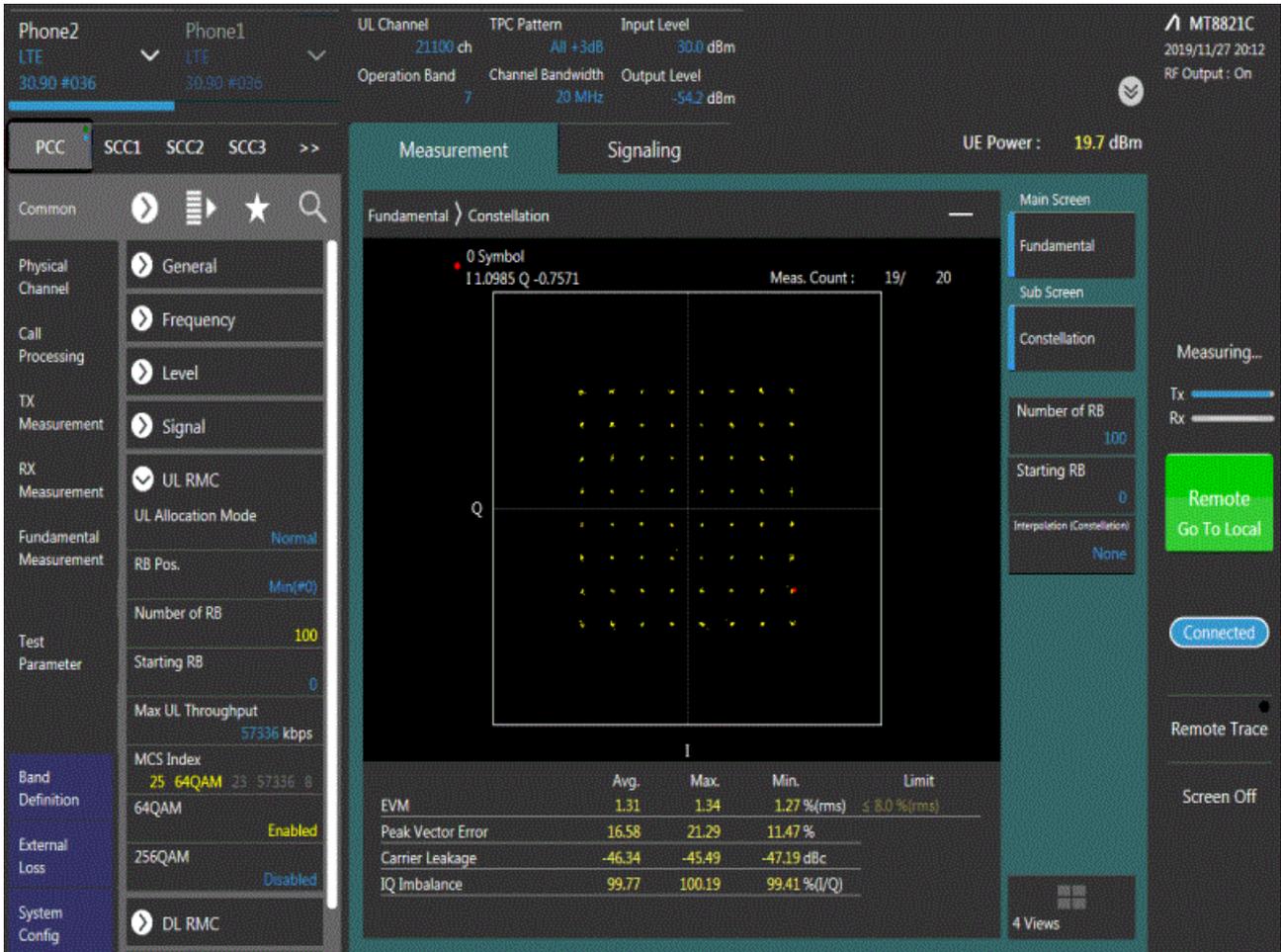


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3.1.3. Test Mode = LTE /TM3 20MHz

3.1.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	4.850	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.870	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.840	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.830	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.840	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.466	4.820	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.456	4.790	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.466	4.800	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.466	4.860	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.951	9.660	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.660	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.951	9.640	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.911	9.560	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.580	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.580	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.520	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.560	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.931	9.600	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.790	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.790	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.457	14.730	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	14.700	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.730	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	14.730	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.457	14.670	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	19.200	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.902	19.520	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	19.200	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.822	19.360	PASS



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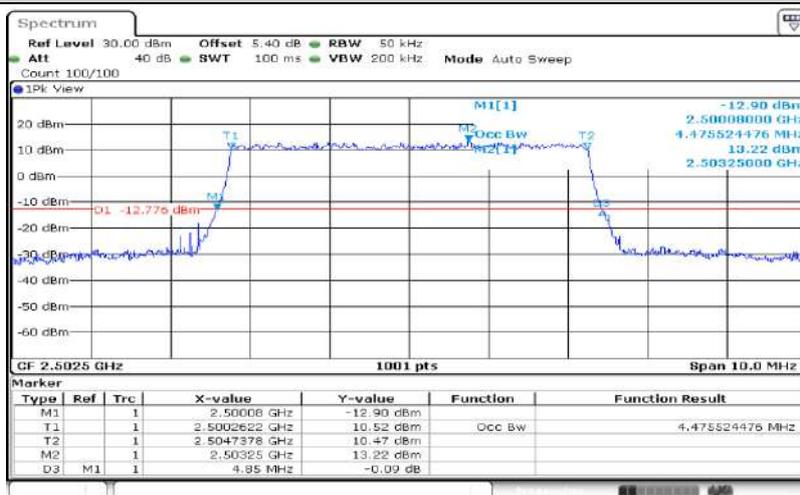
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



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

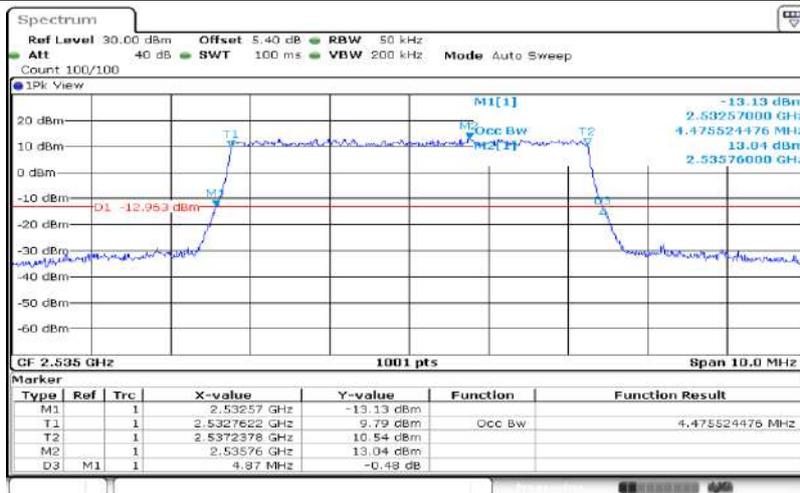
4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.476



Date: 10 NOV 2019 23:14:00

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

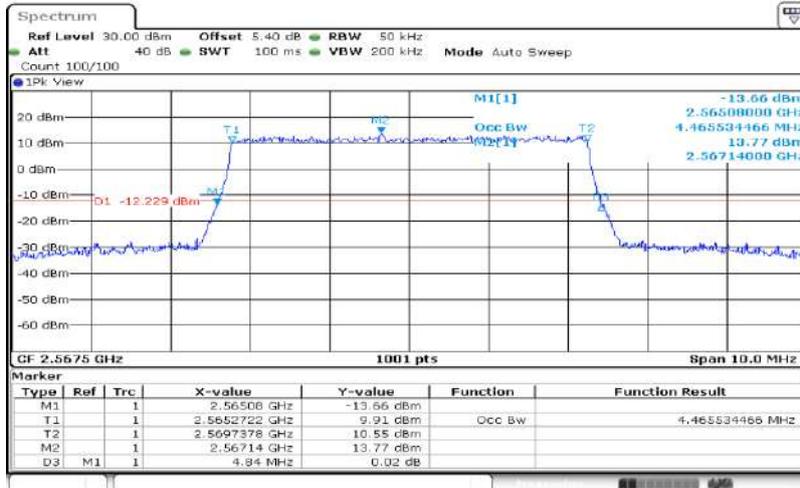


Date: 10 NOV 2019 23:14:36

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

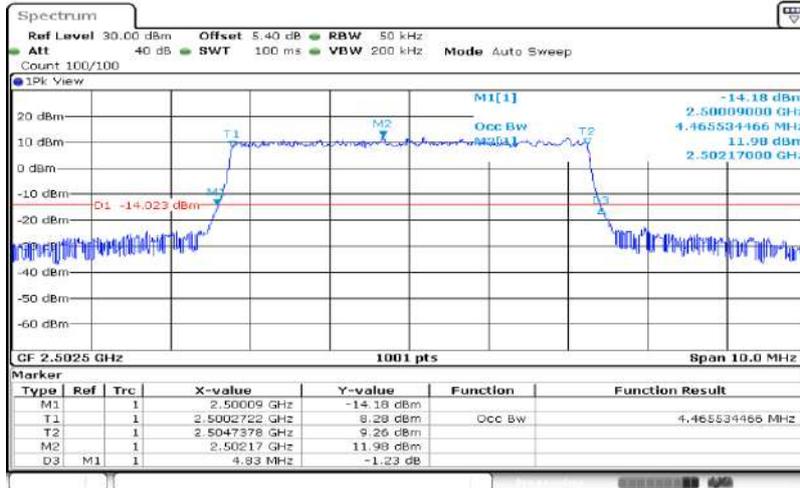


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Date: 10.NOV.2019 23:15:11

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

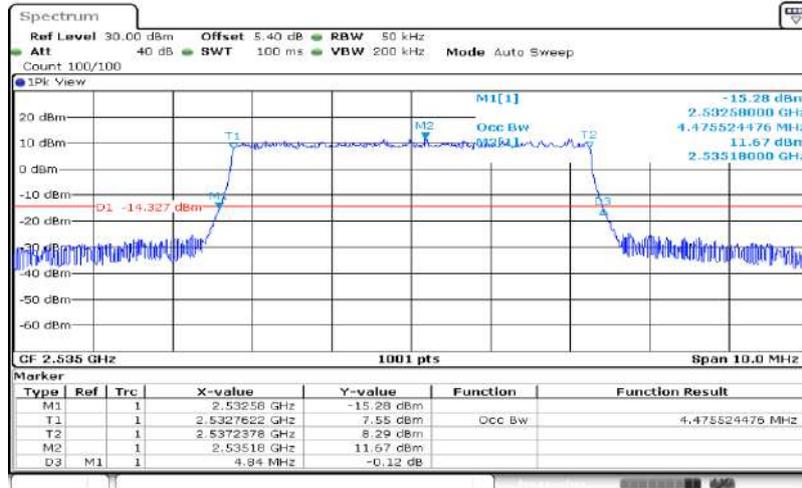


Date: 28.NOV.2019 19:21:35

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

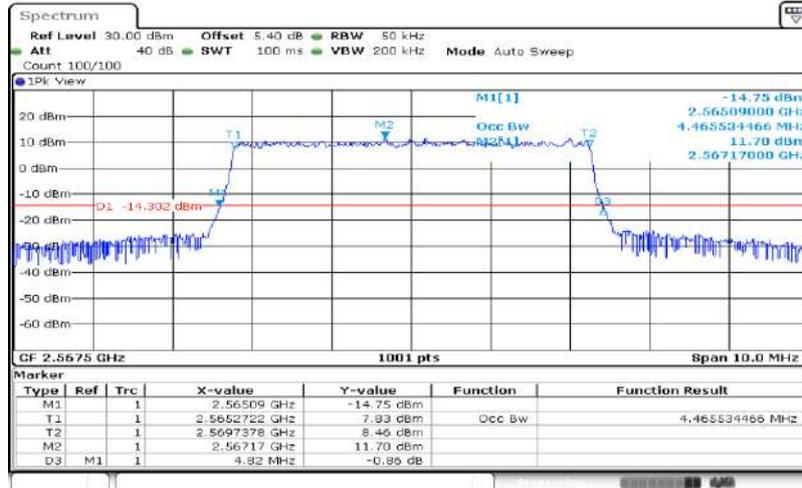


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Date: 26 NOV 2019 19:21:55

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

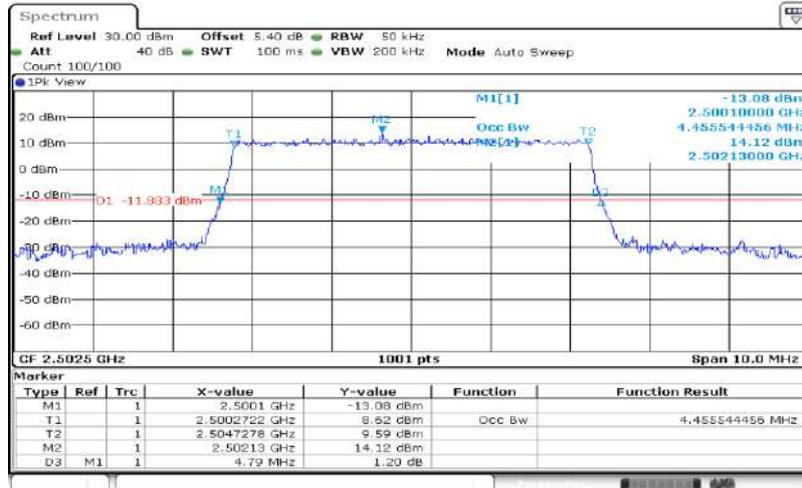


Date: 26 NOV 2019 19:22:14

Band7-5MHz-16QAM-20775-25RB#0-4.456

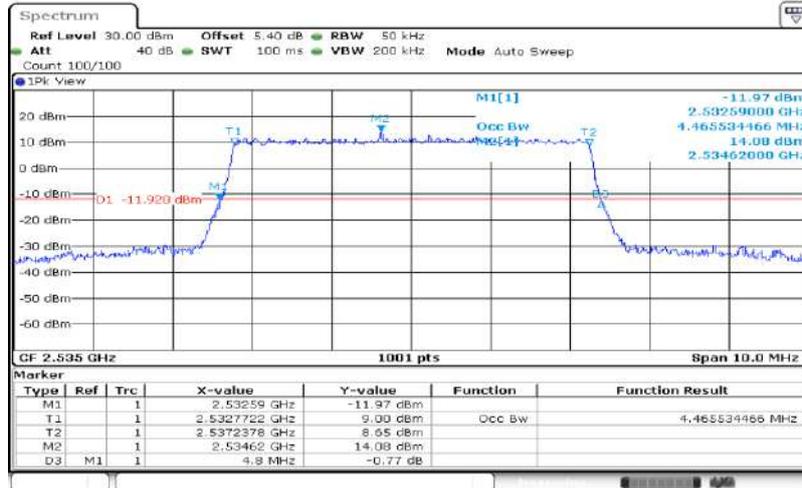


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Date: 10.NOV.2019 23:14:17

Band7-5MHz-16QAM-21100-25RB#0-4.466

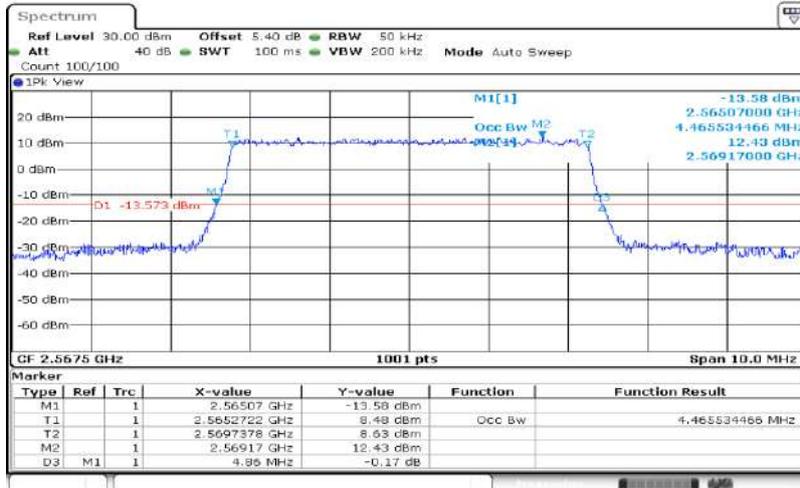


Date: 10.NOV.2019 23:14:52

Band7-5MHz-16QAM-21425-25RB#0-4.466

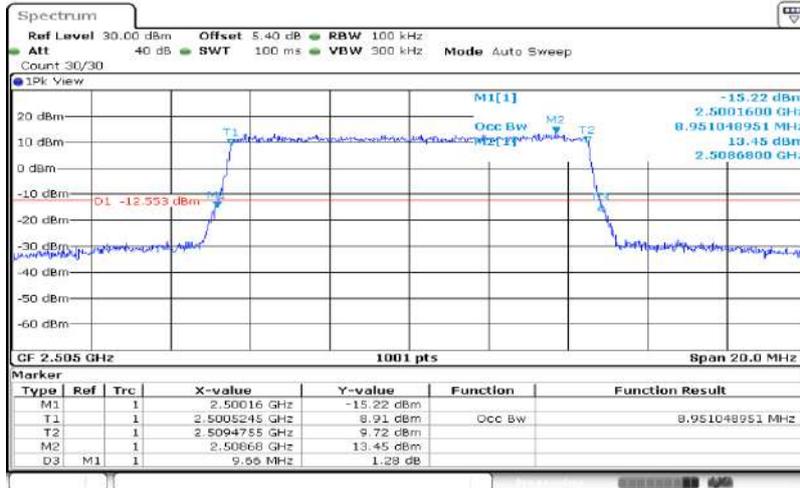


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Date: 10 NOV 2019 23:15:28

Band7-10MHz-QPSK-20800-50RB#0-8.951

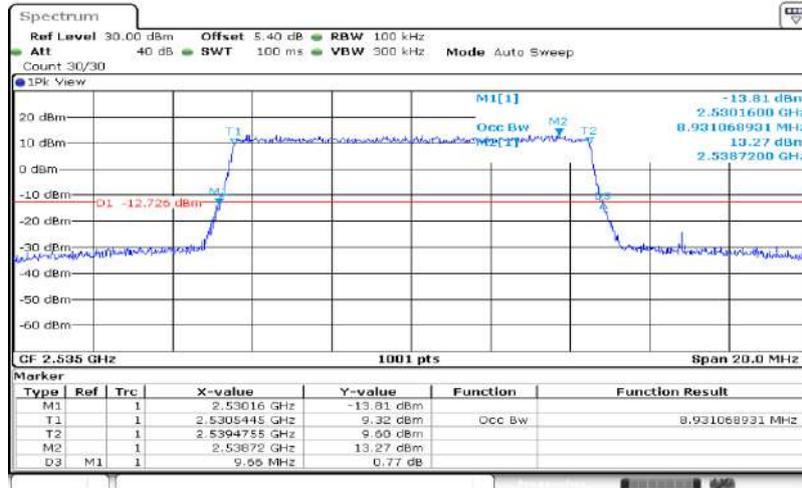


Date: 10 NOV 2019 23:16:16

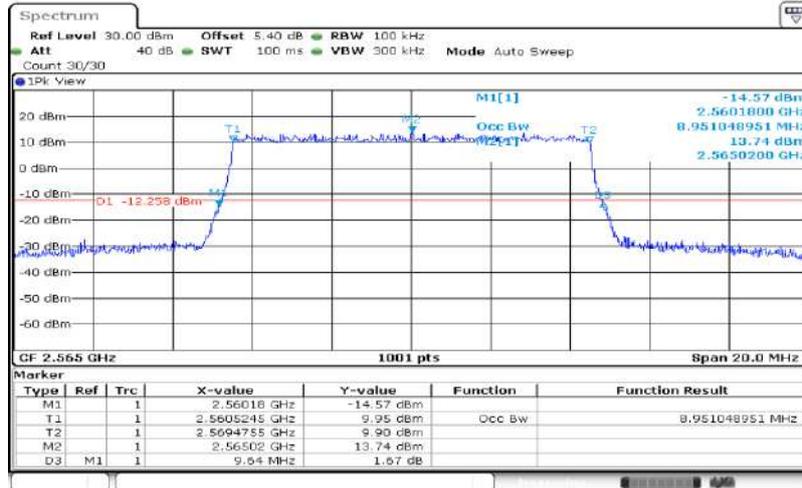
Band7-10MHz-QPSK-21100-50RB#0-8.931



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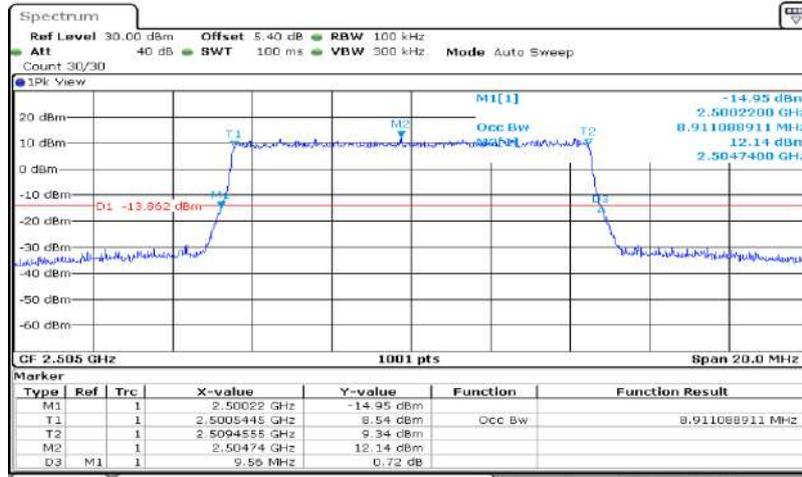
Band7-10MHz-QPSK-21400-50RB#0-8.951



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

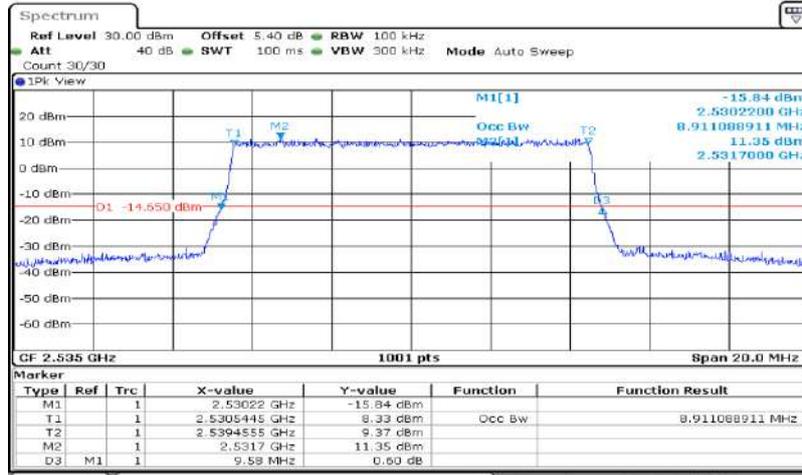


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Date: 26 NOV 2019 19:22:32

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

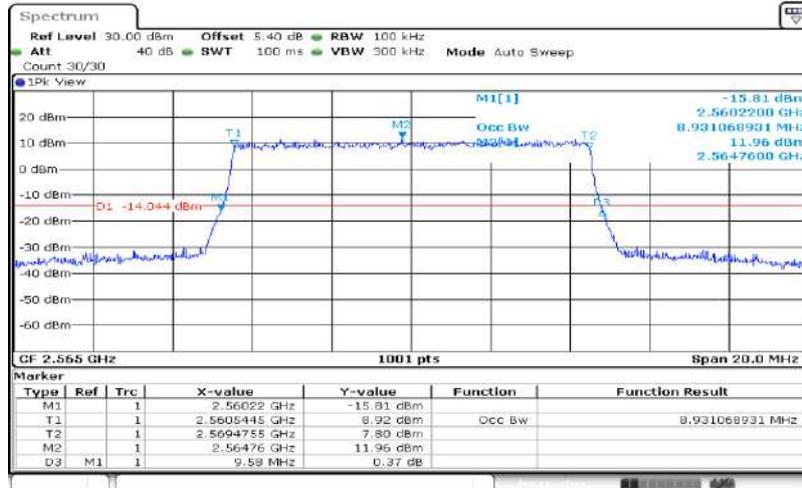


Date: 26 NOV 2019 19:22:45

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

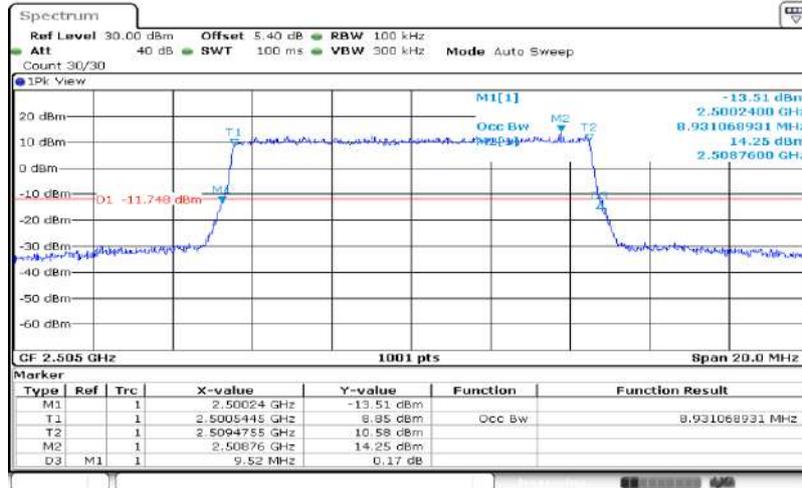


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Date: 26 NOV 2019 19:22:58

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

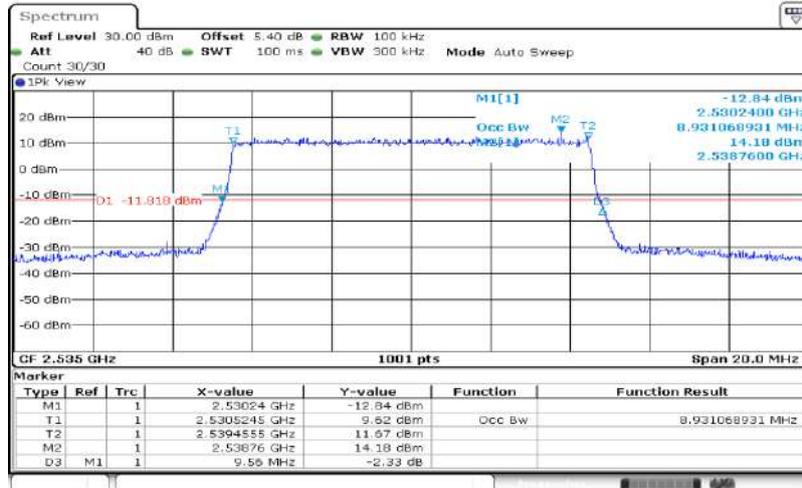


Date: 10 NOV 2019 23:16:26

Band7-10MHz-16QAM-21100-50RB#0-8.931

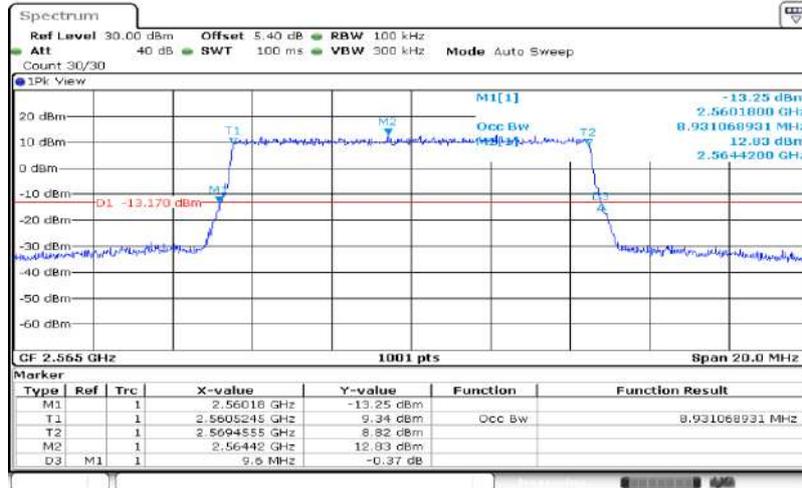


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Date: 10 NOV 2019 23:16:47

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

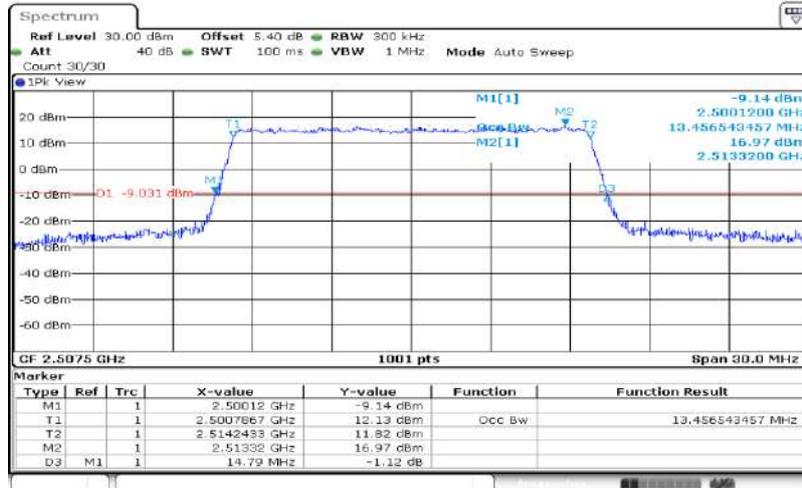


Date: 10 NOV 2019 23:17:06

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

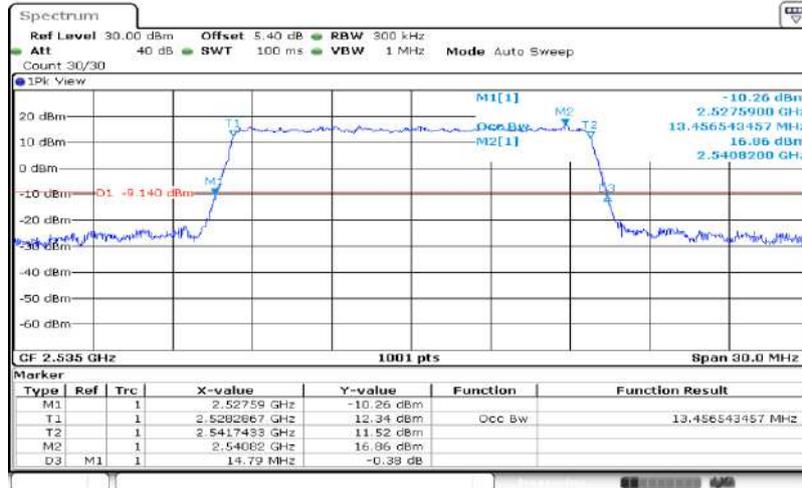


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Date: 10.NOV.2019 23:18:12

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

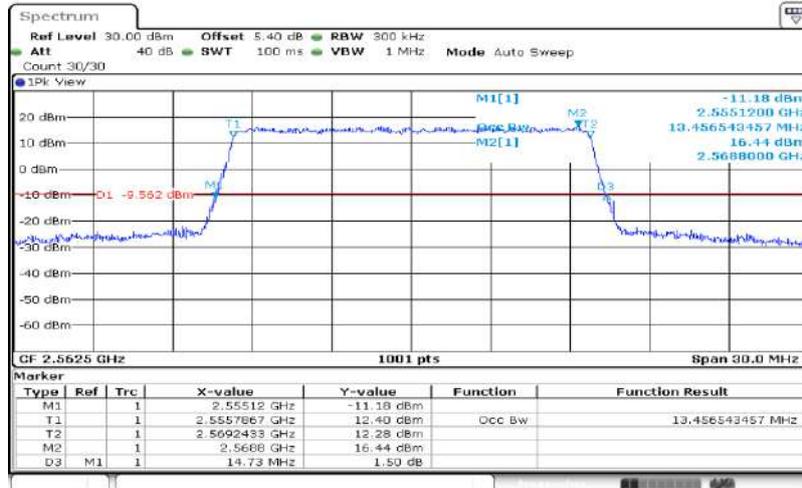


Date: 10.NOV.2019 23:18:33

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

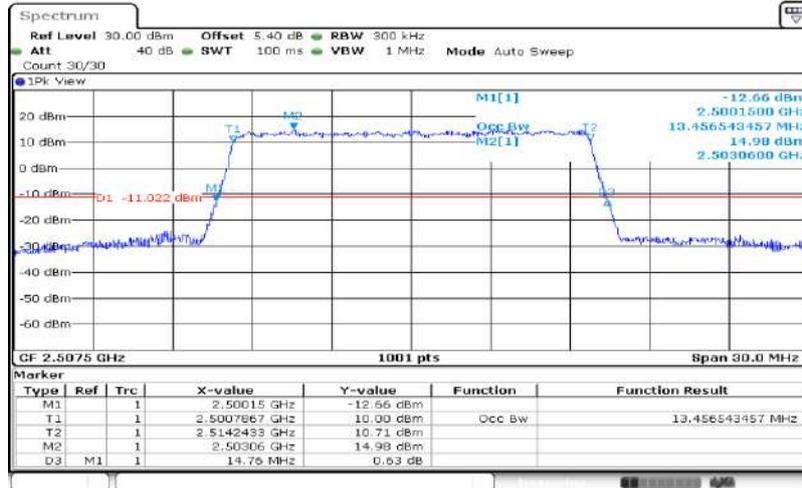


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Date: 10 NOV 2019 23:18:54

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

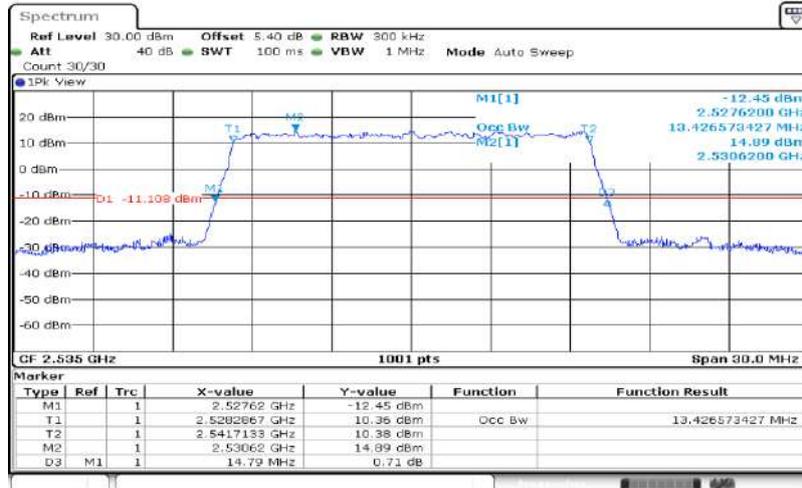


Date: 28 NOV 2019 19:23:16

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

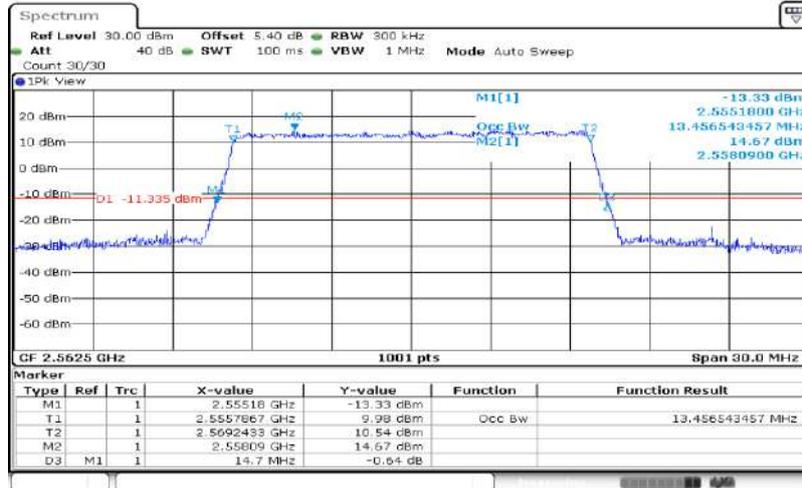


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Date: 26 NOV 2019 19:23:29

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

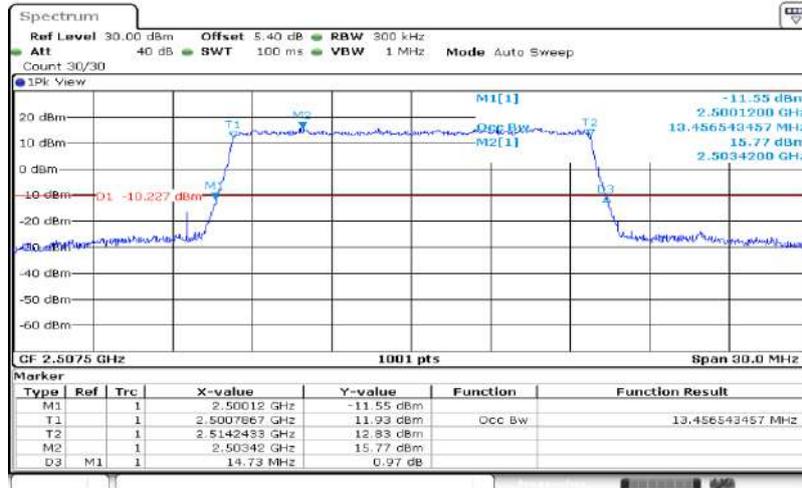


Date: 26 NOV 2019 19:23:42

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

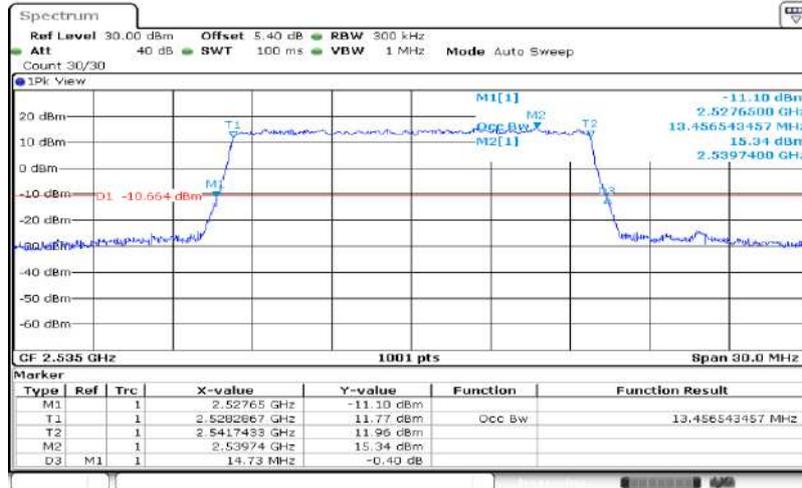


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Date: 10.NOV.2019 23:18:22

Band7-15MHz-16QAM-21100-75RB#0-13.457

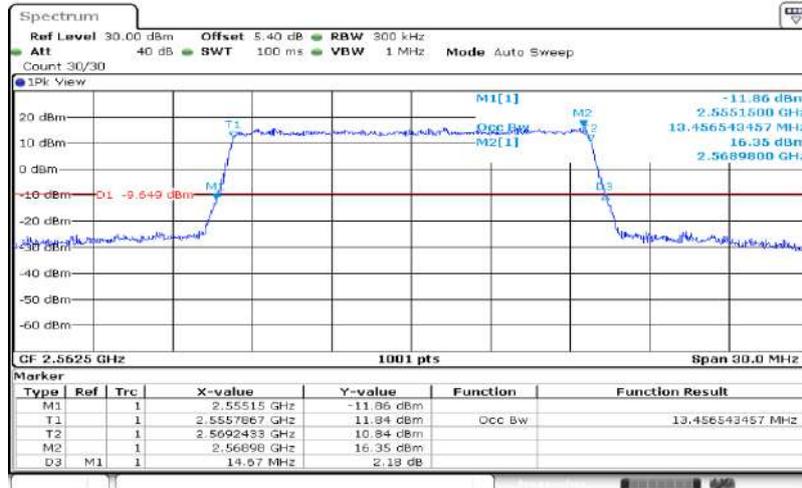


Date: 10.NOV.2019 23:18:43

Band7-15MHz-16QAM-21375-75RB#0-13.457

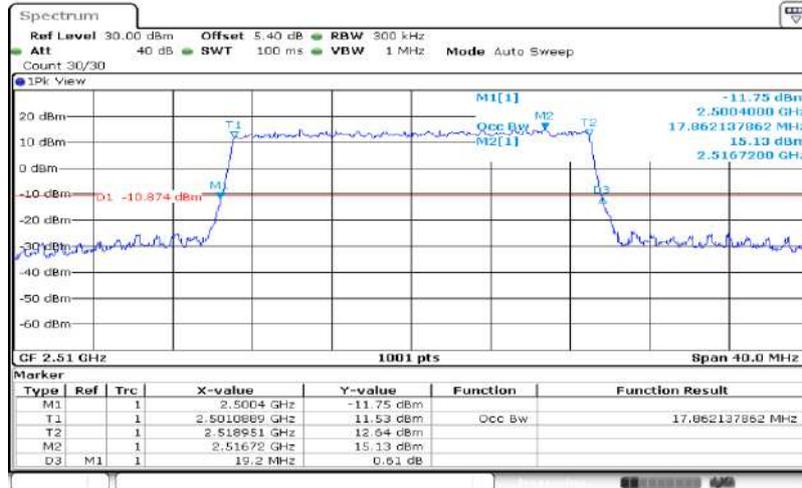


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Date: 10.NOV.2019 23:19:03

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

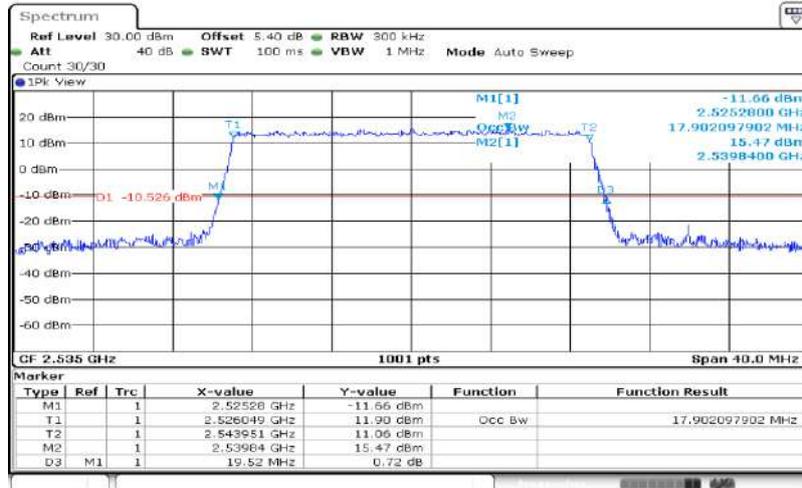


Date: 10.NOV.2019 23:20:38

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

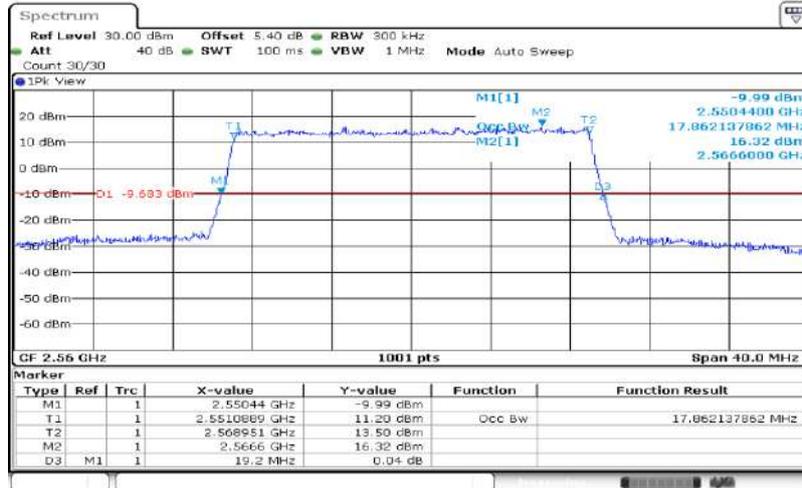


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Date: 10.NOV.2019 23:21:00

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

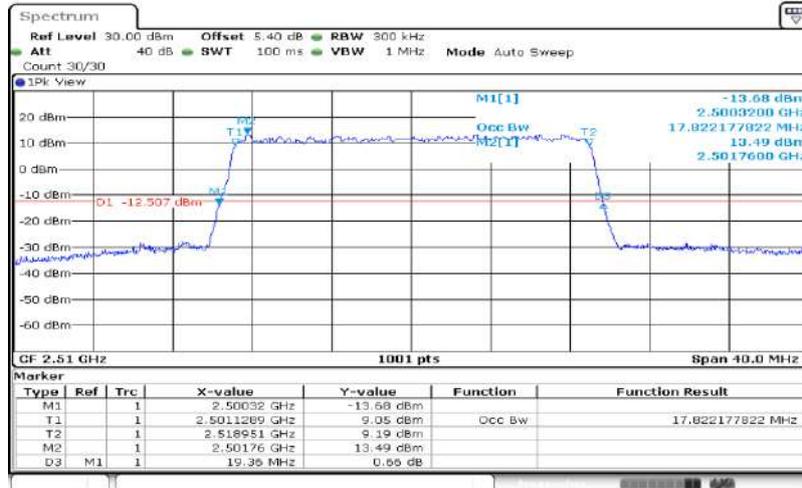


Date: 10.NOV.2019 23:21:21

Band7-20MHz-64QAM-20850-100RB#0-17.822

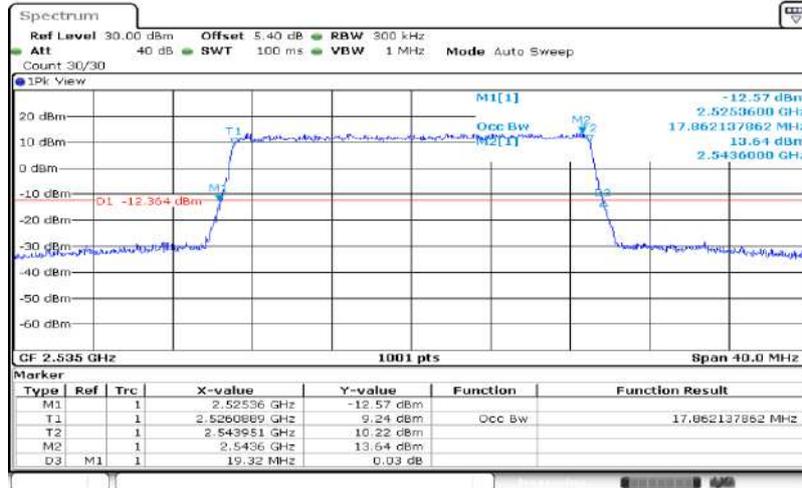


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Date: 26 NOV 2019 19:24:00

Band7-20MHz-64QAM-21100-100RB#0-17.862

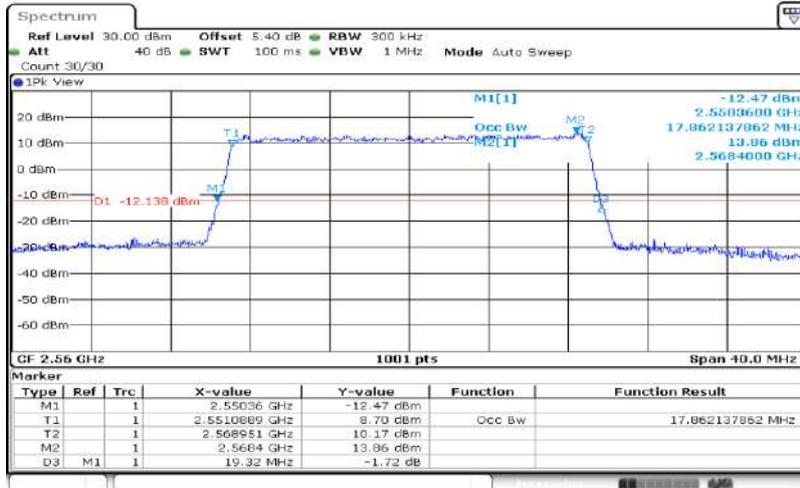


Date: 26 NOV 2019 19:24:12

Band7-20MHz-64QAM-21350-100RB#0-17.862

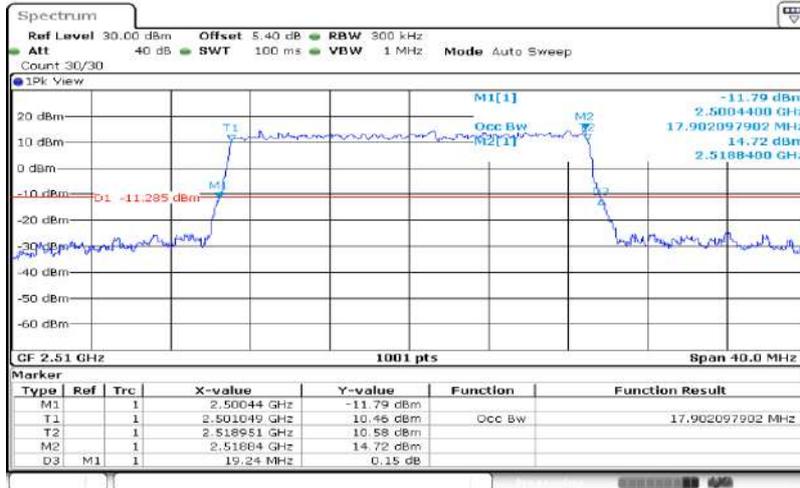


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Date: 26 NOV 2019 19:24:25

Band7-20MHz-16QAM-20850-100RB#0-17.902

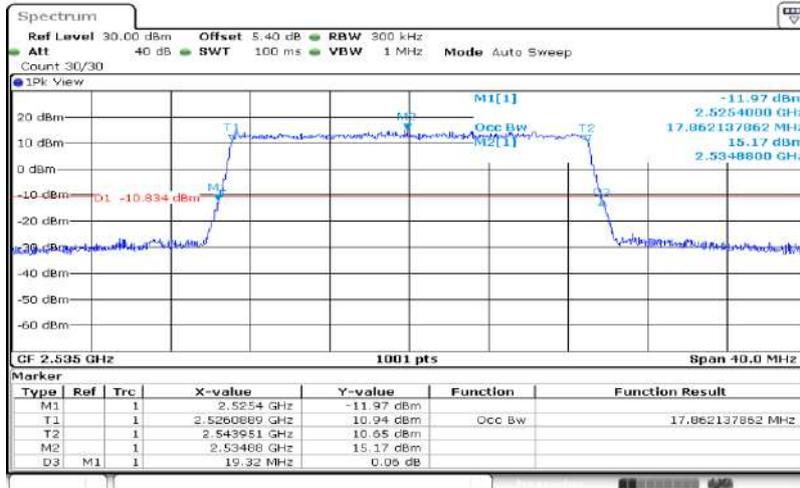


Date: 10 NOV 2019 23:20:48

Band7-20MHz-16QAM-21100-100RB#0-17.862

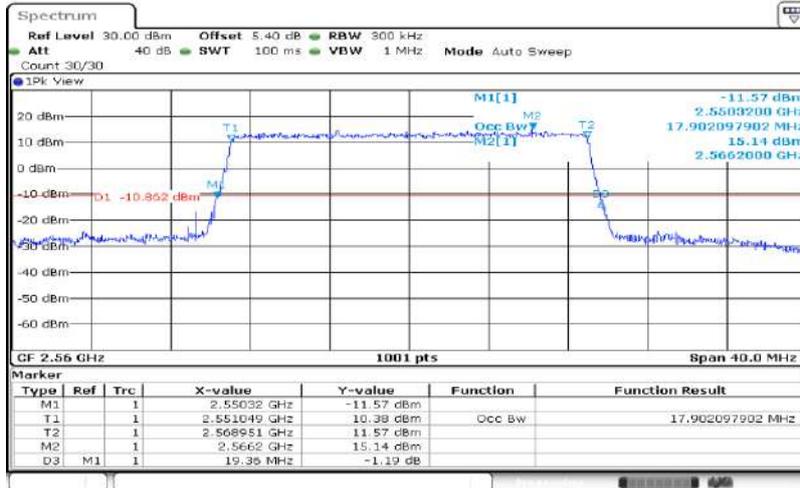


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Date: 10.NOV.2019 23:21:09

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



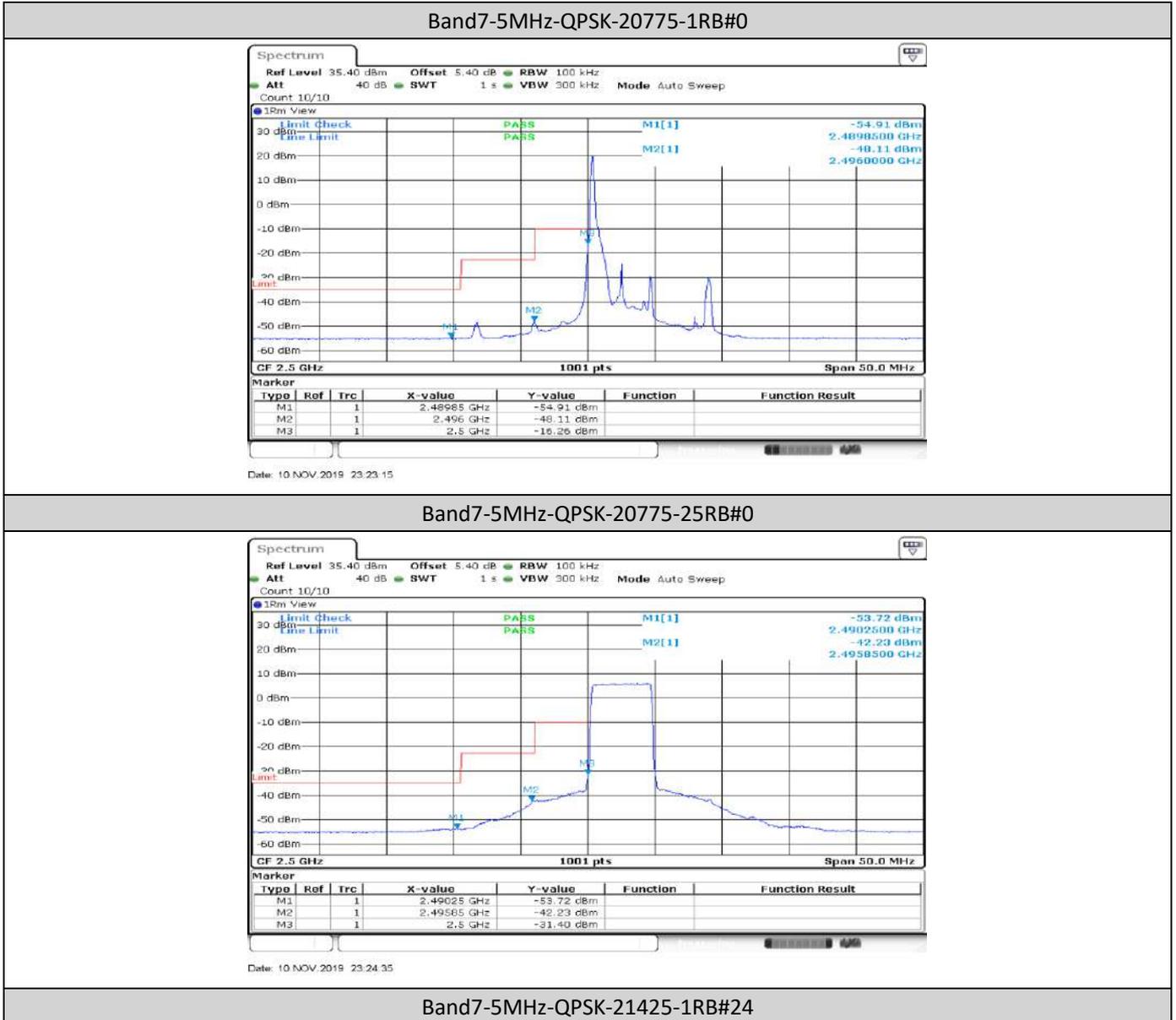
Date: 10.NOV.2019 23:21:31



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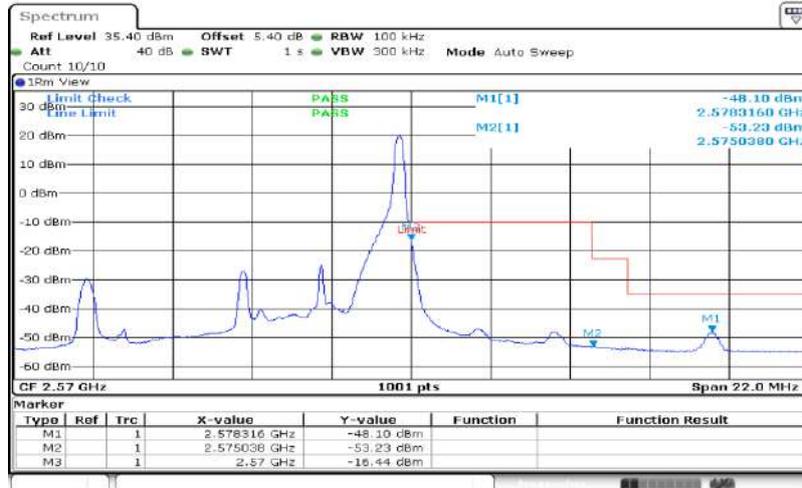
5. Band Edge Compliance

5.1. Test Plots



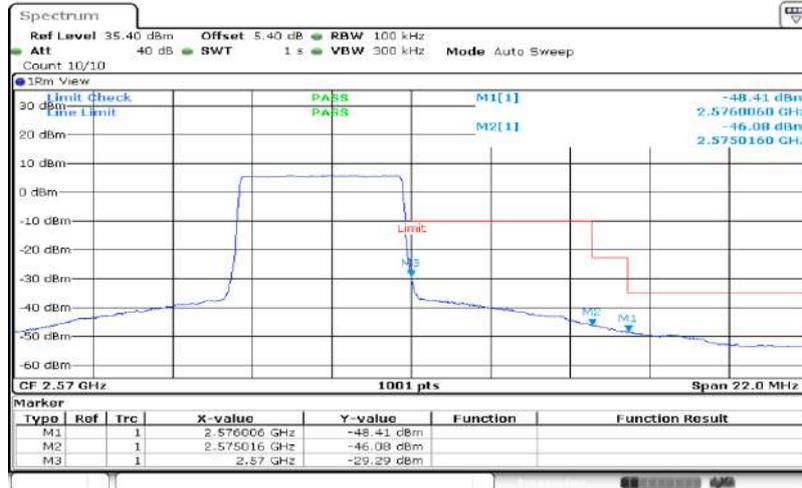
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Date: 10.NOV.2019 23:23:58

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

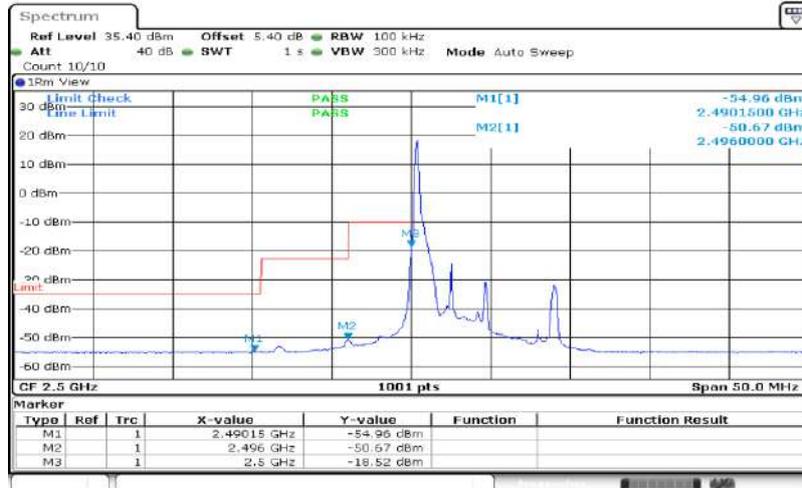


Date: 10.NOV.2019 23:25:11

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

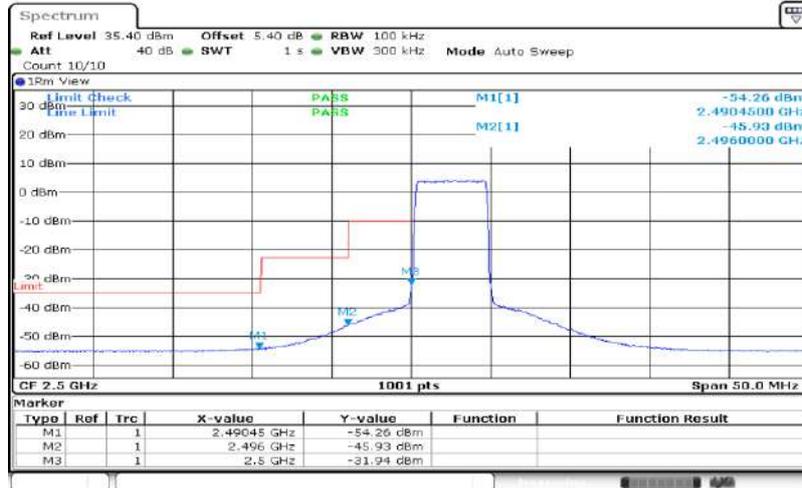


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Date: 26 NOV 2019 19:24:51

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

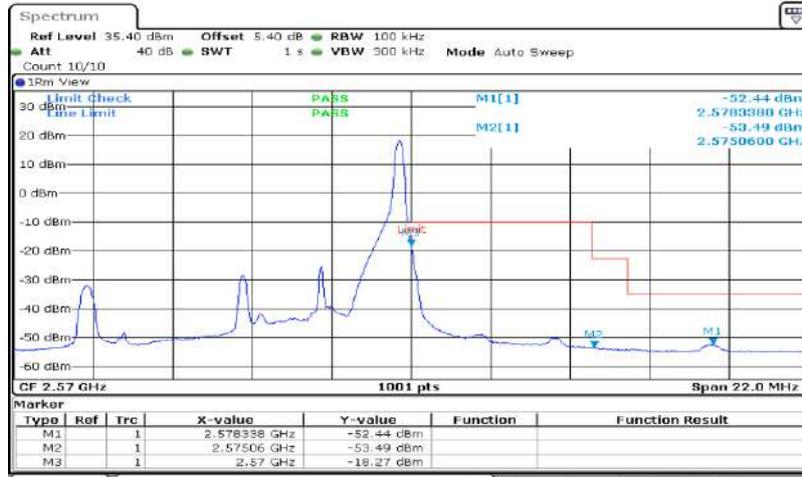


Date: 26 NOV 2019 19:25:41

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

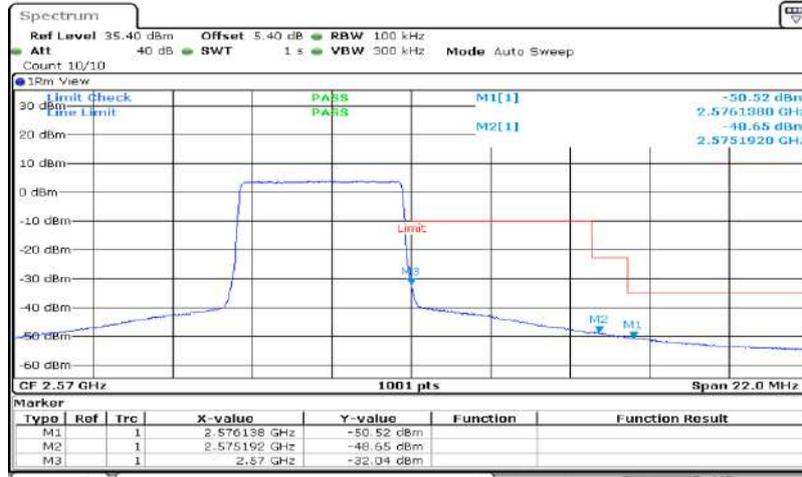


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Date: 26 NOV 2019 19:25:16

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



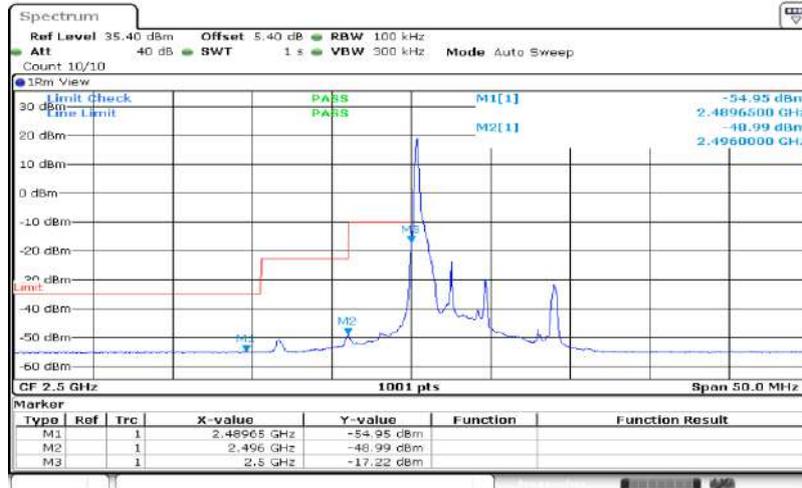
Date: 26 NOV 2019 19:26:01

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



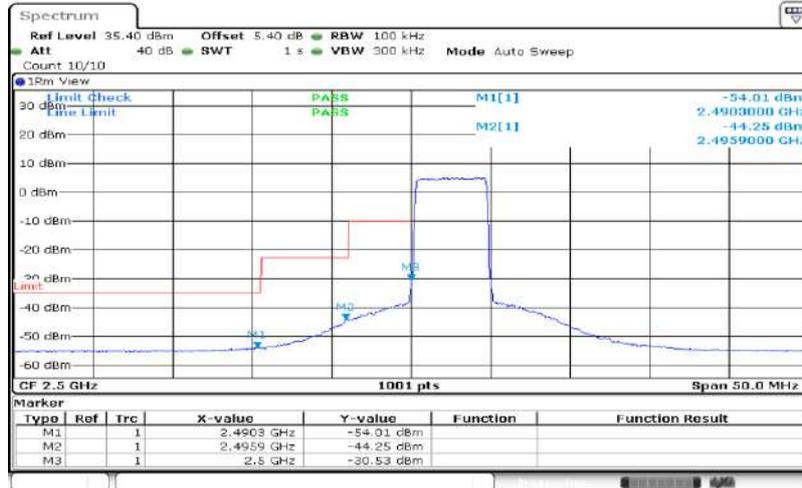
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Date: 10.NOV.2019 23:23:33

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

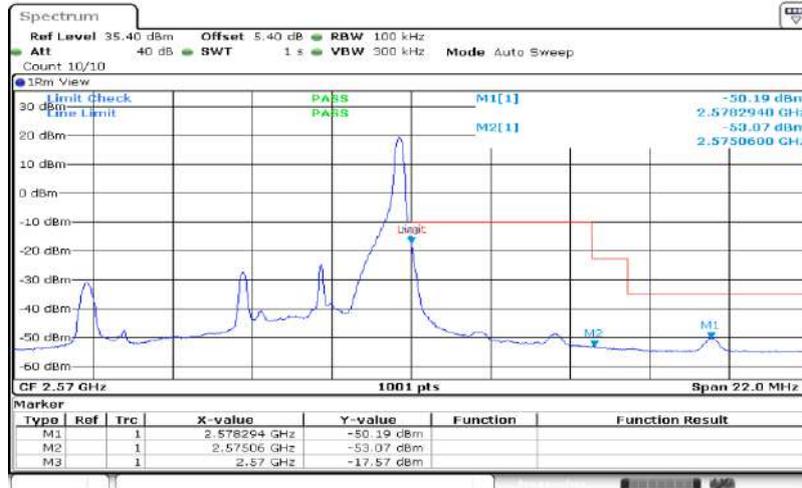


Date: 10.NOV.2019 23:24:53

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

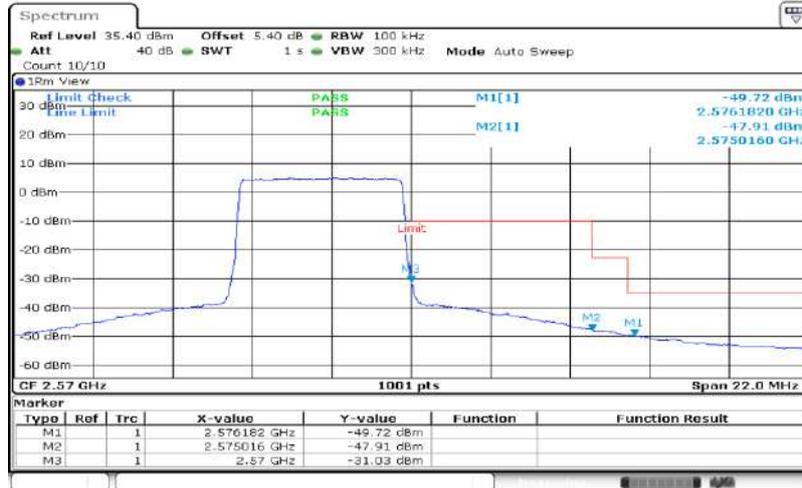


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Date: 10.NOV.2019 23:24:14

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

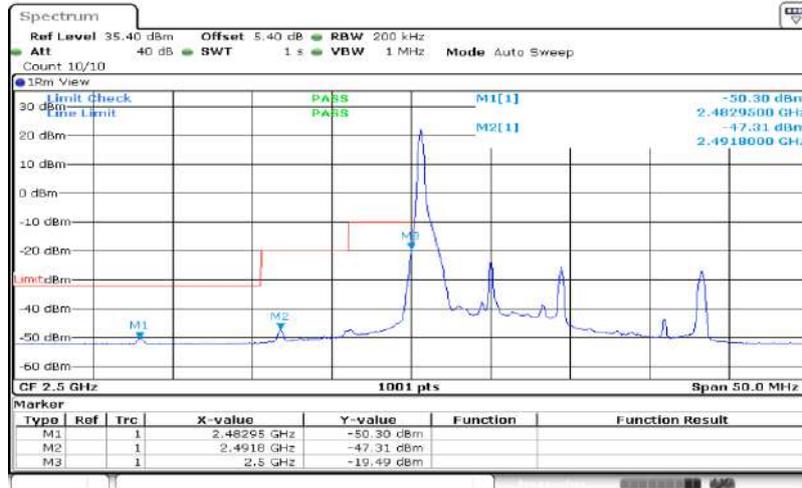


Date: 10.NOV.2019 23:25:29

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

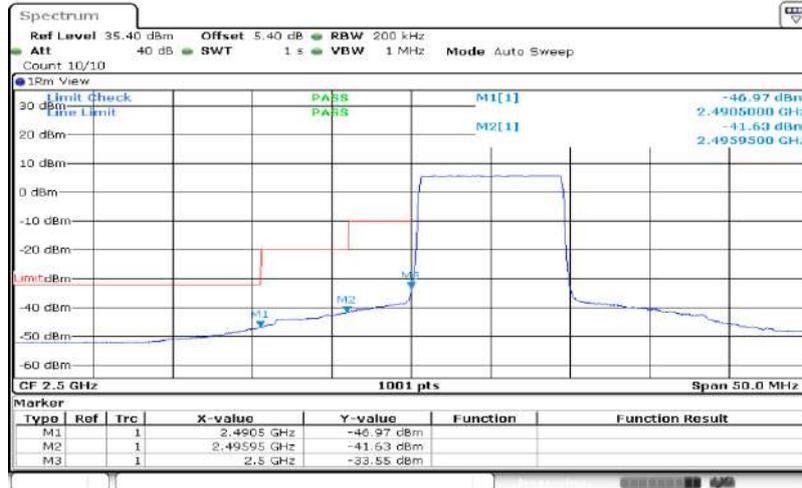


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Date: 10.NOV.2019 23:26:28

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

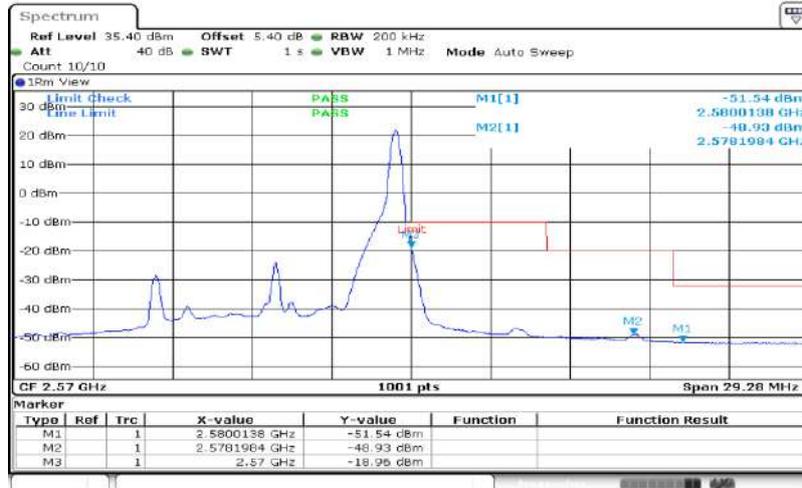


Date: 10.NOV.2019 23:27:45

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



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Date: 10.NOV.2019 23:27:05

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

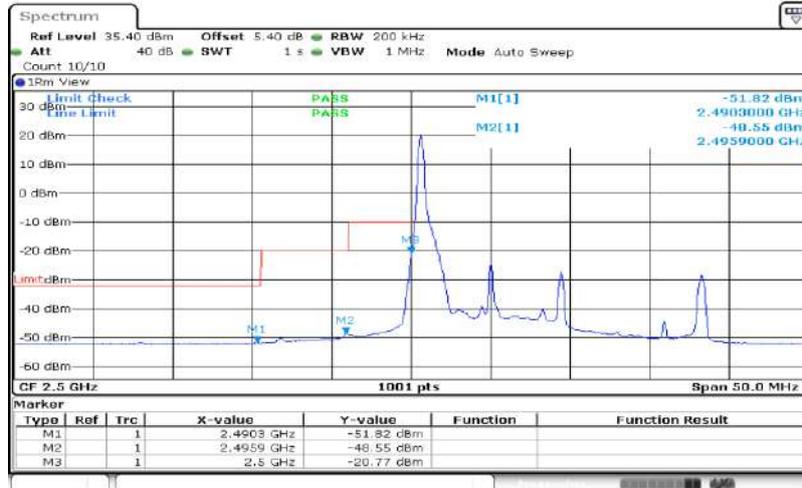


Date: 10.NOV.2019 23:28:22

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

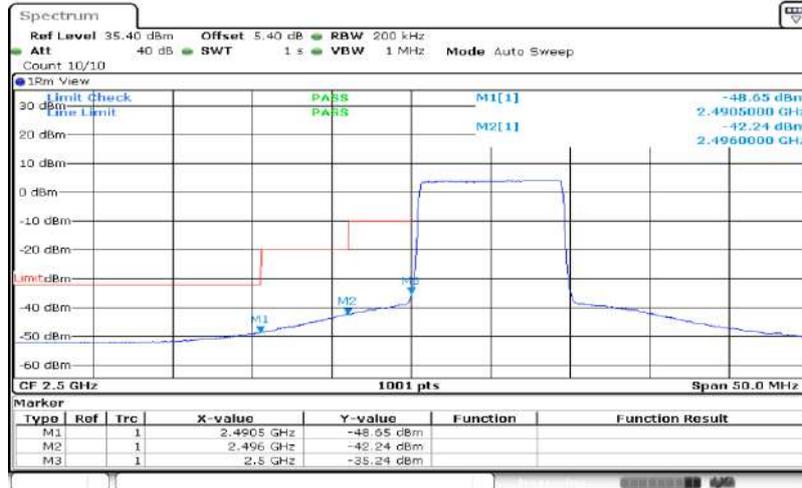


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Date: 26 NOV 2019 19:26:27

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

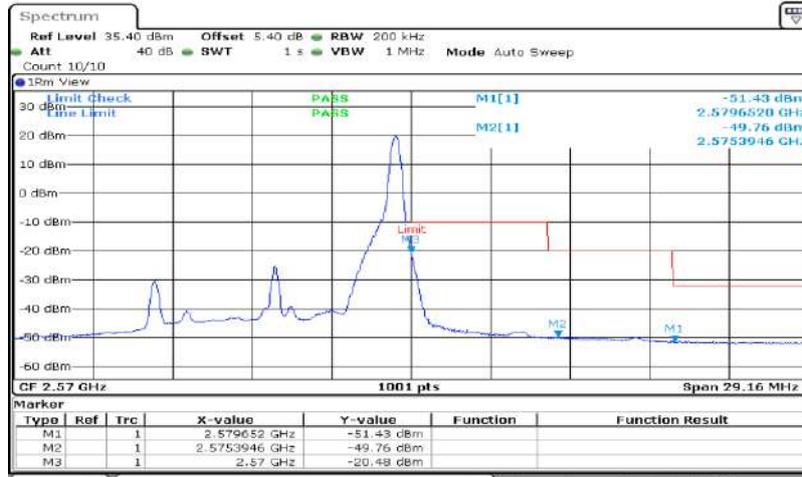


Date: 26 NOV 2019 19:27:17

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

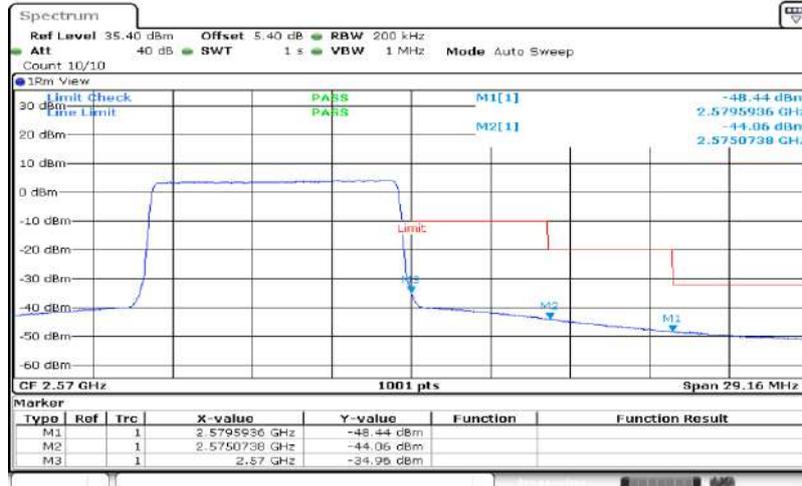


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Date: 26 NOV 2019 19:26:52

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



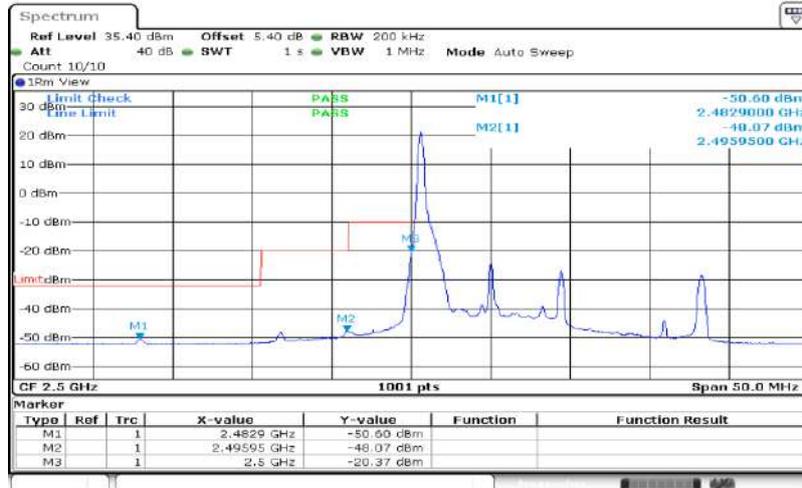
Date: 26 NOV 2019 19:27:37

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



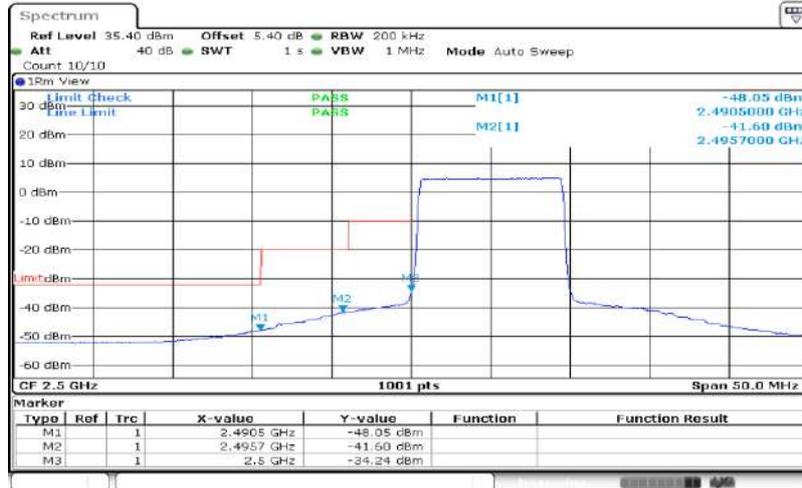
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Date: 10.NOV.2019 23:26:43

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

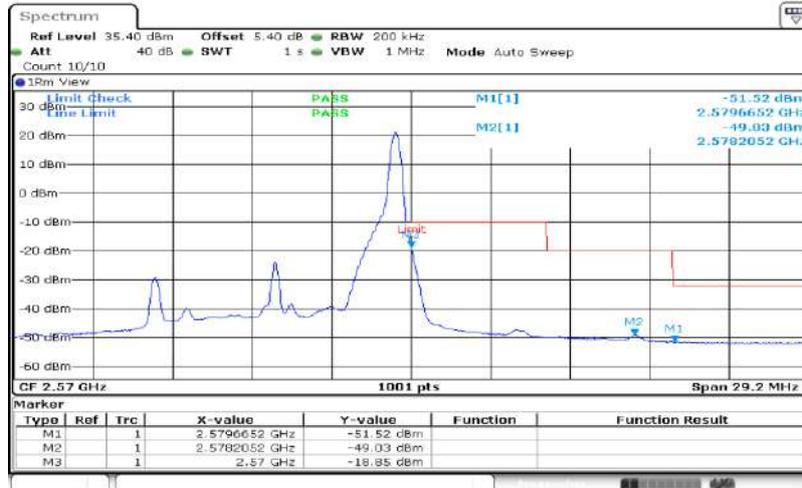


Date: 10.NOV.2019 23:26:03

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

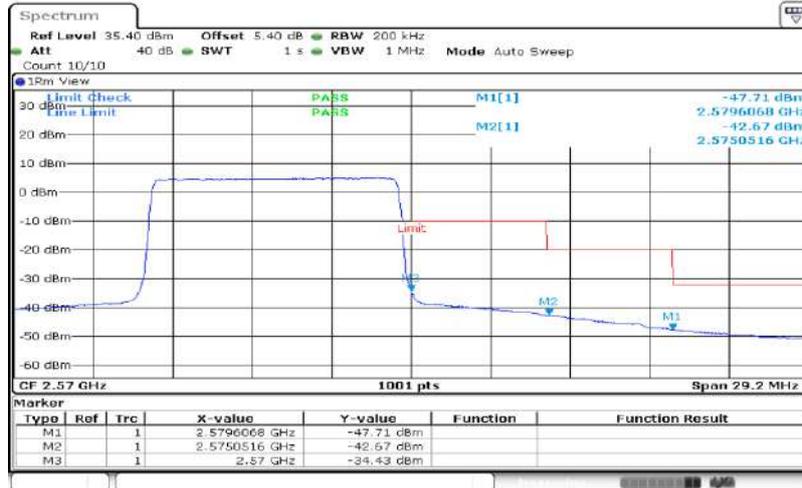


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Date: 10.NOV.2019 23:27:23

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

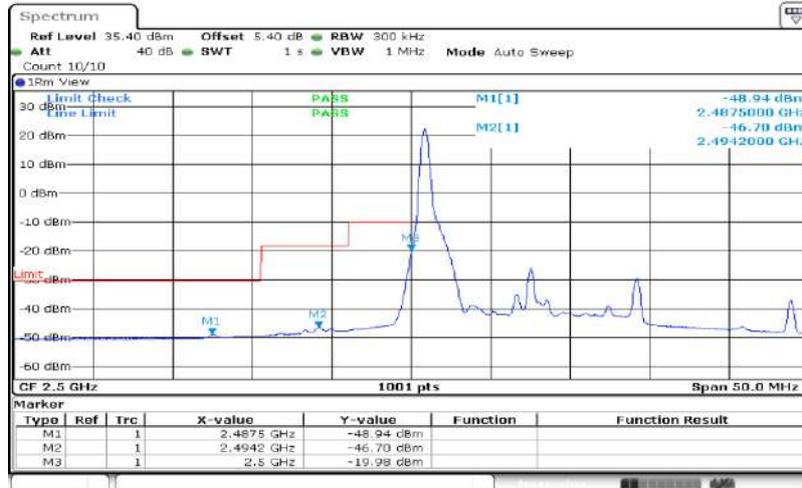


Date: 10.NOV.2019 23:28:40

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



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Date: 10.NOV.2019 23:29:50

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

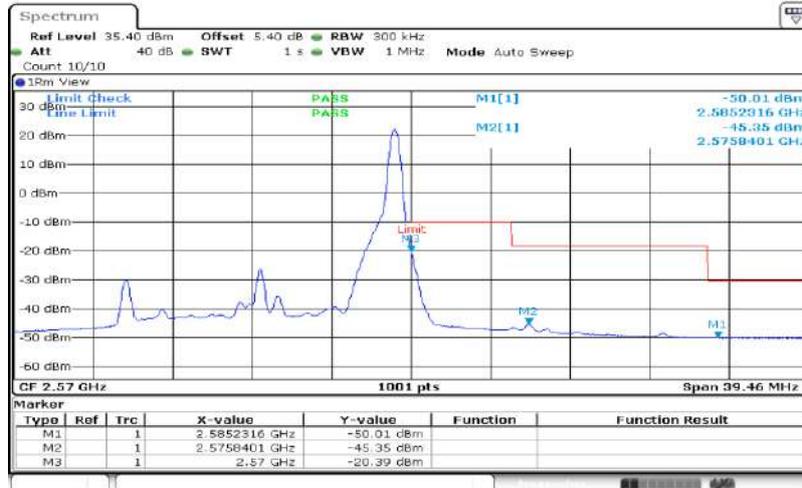


Date: 10.NOV.2019 23:31:12

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



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Date: 10.NOV.2019 23:30:31

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

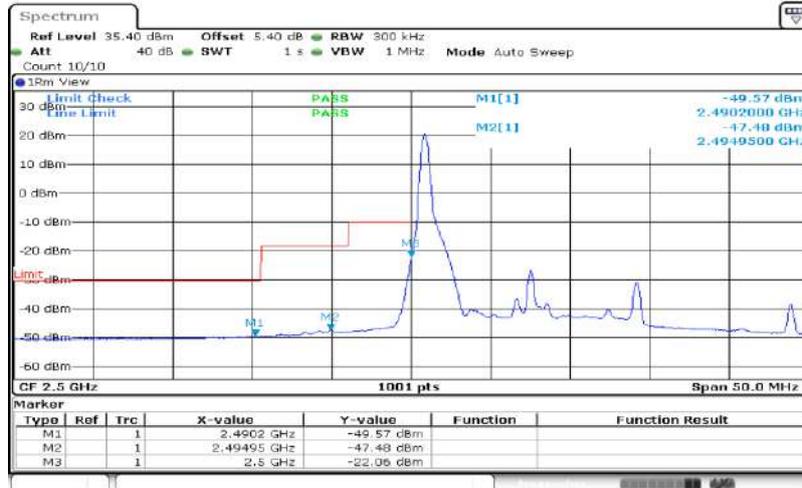


Date: 10.NOV.2019 23:31:50

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



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Date: 26 NOV 2019 19:28:03

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

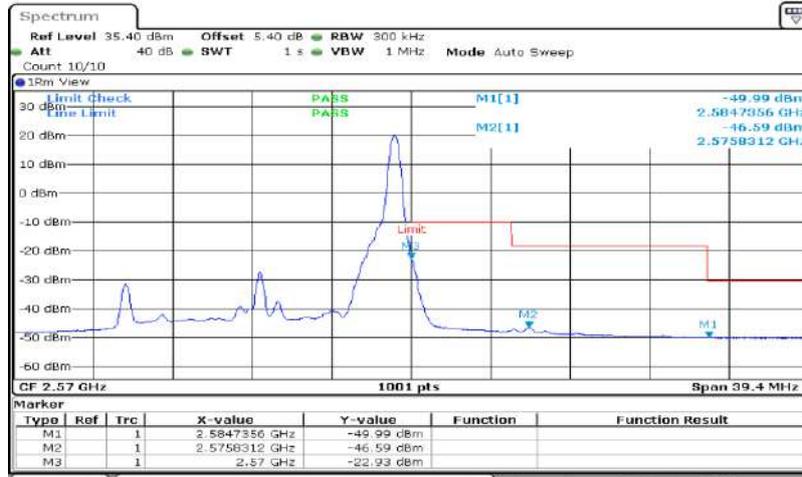


Date: 26 NOV 2019 19:28:53

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

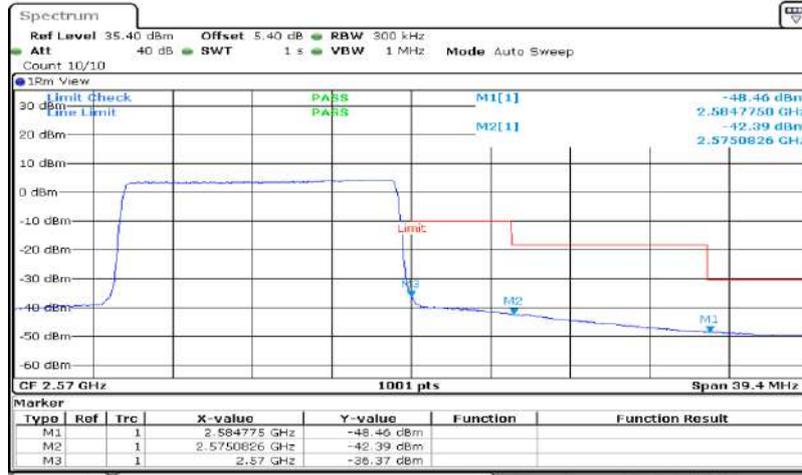


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Date: 26 NOV 2019 19:28:28

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

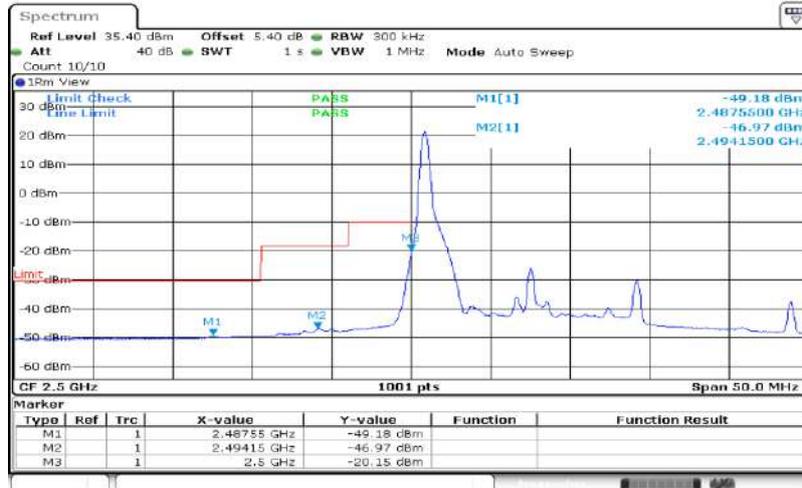


Date: 26 NOV 2019 19:29:13

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



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Date: 10.NOV.2019 23:30:08

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

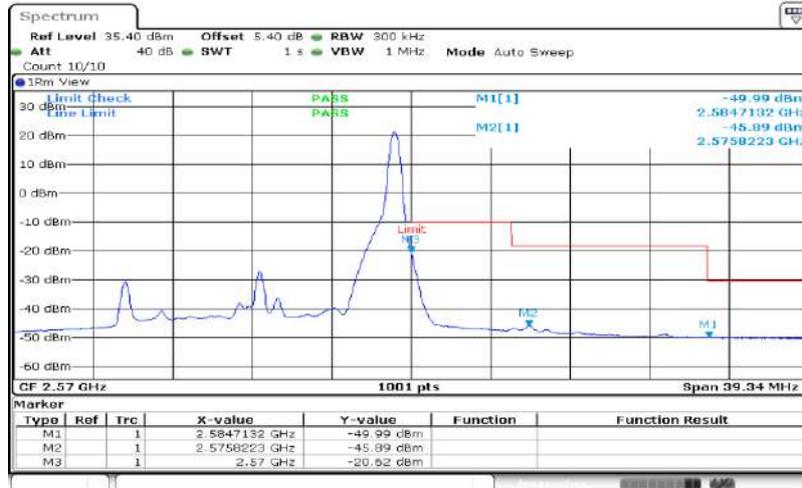


Date: 10.NOV.2019 23:31:30

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

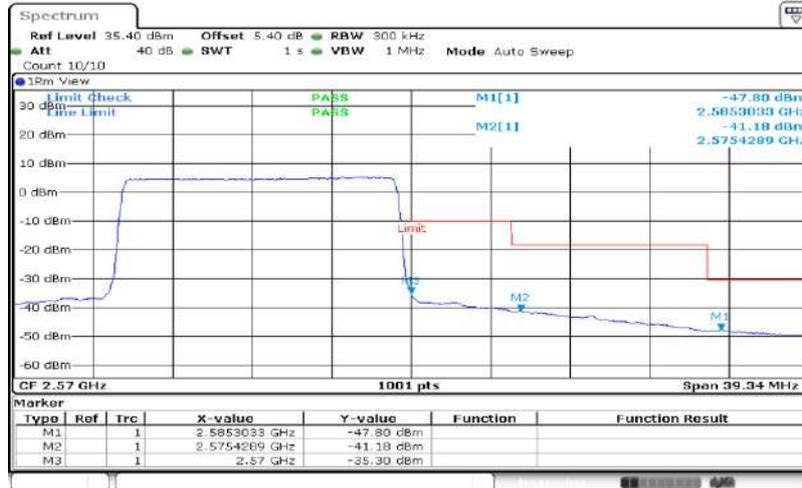


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Date: 10.NOV.2019 23:30:50

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



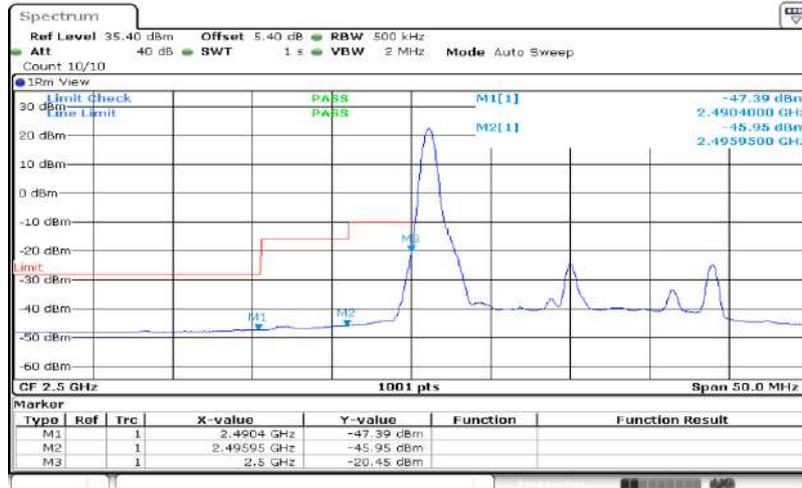
Date: 10.NOV.2019 23:32:06

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



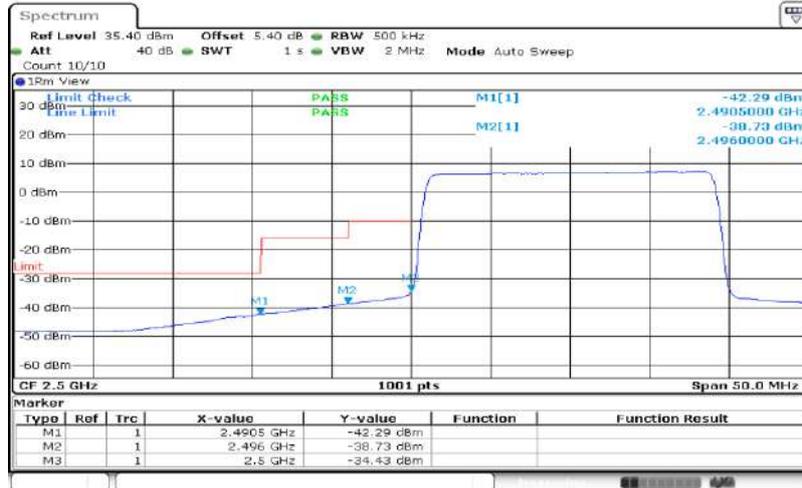
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Date: 10.NOV.2019 23:33:07

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

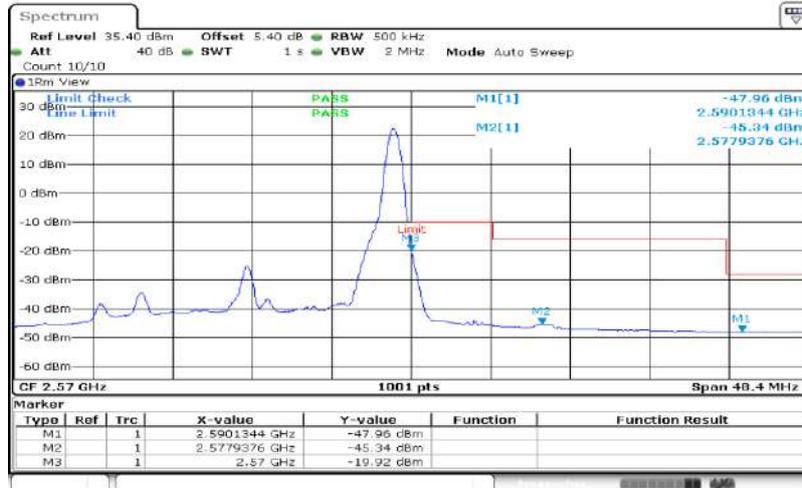


Date: 10.NOV.2019 23:34:30

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

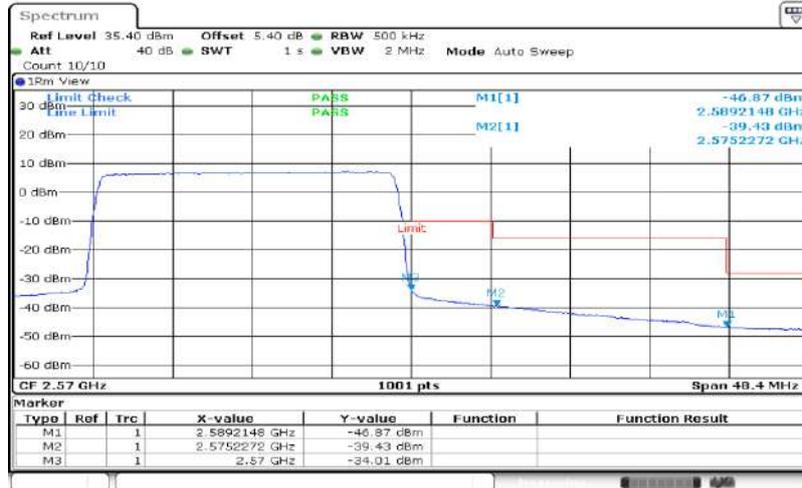


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Date: 10.NOV.2019 23:33:48

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

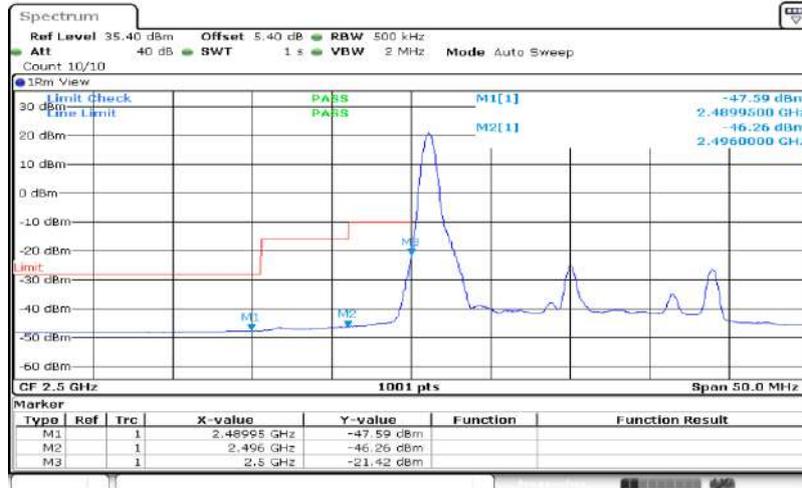


Date: 10.NOV.2019 23:35:09

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

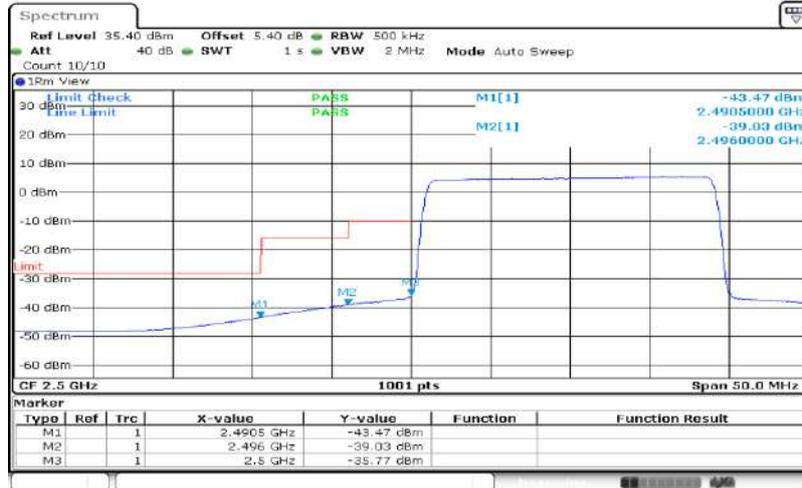


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Date: 28 NOV 2019 19:29:39

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

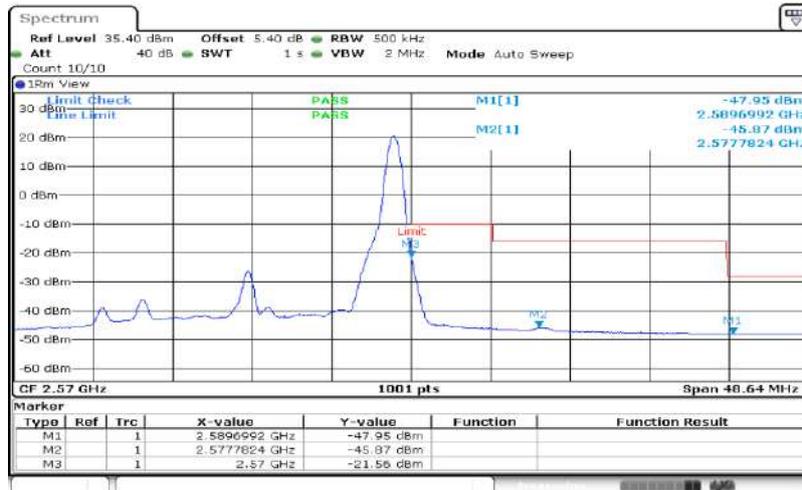


Date: 28 NOV 2019 19:30:29

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

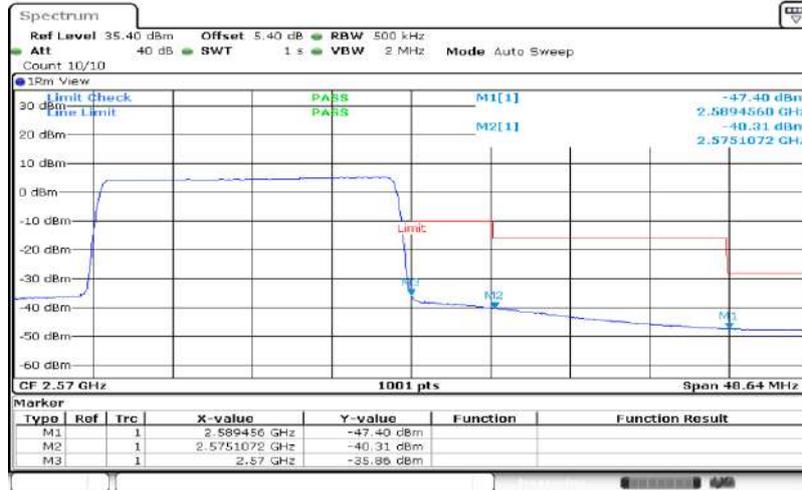


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Date: 28 NOV 2019 19:30:04

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



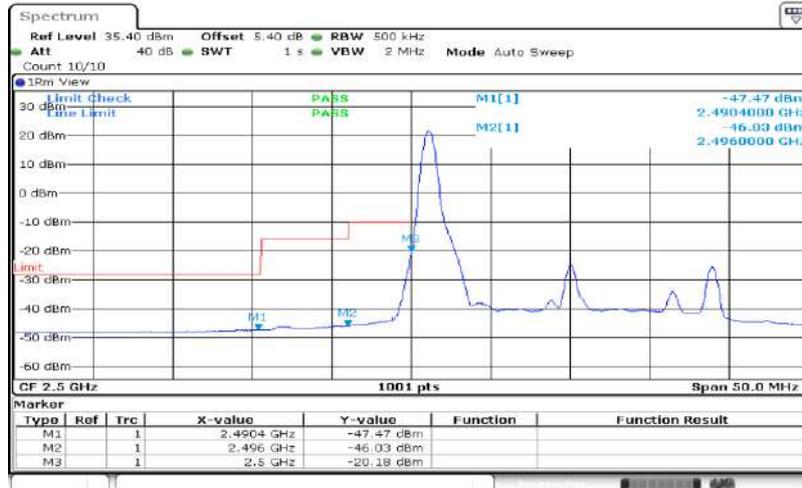
Date: 28 NOV 2019 19:30:49

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



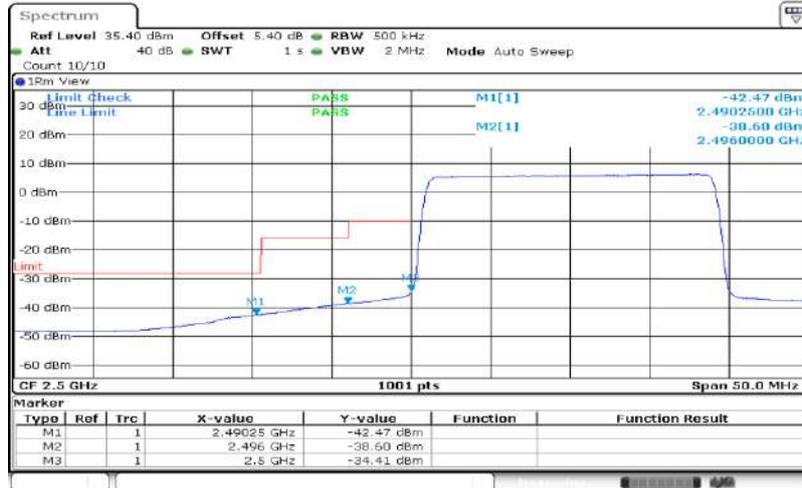
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Date: 10.NOV.2019 23:33:28

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

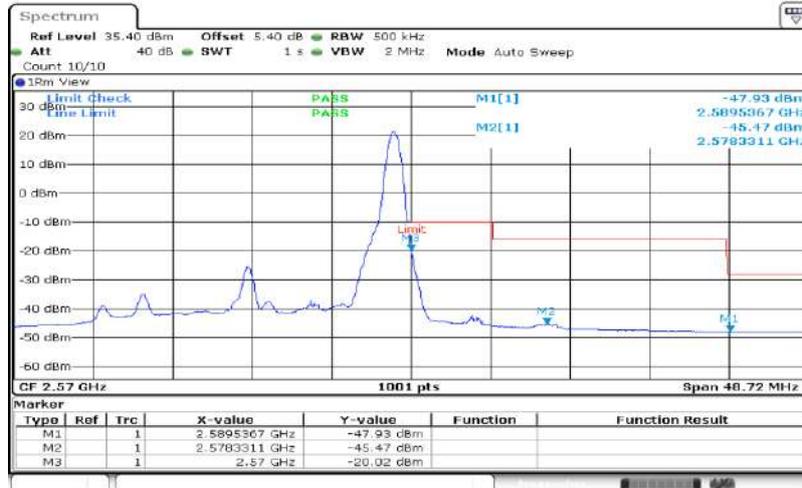


Date: 10.NOV.2019 23:34:49

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



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Date: 10.NOV.2019 23:34:07

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



Date: 10.NOV.2019 23:35:27



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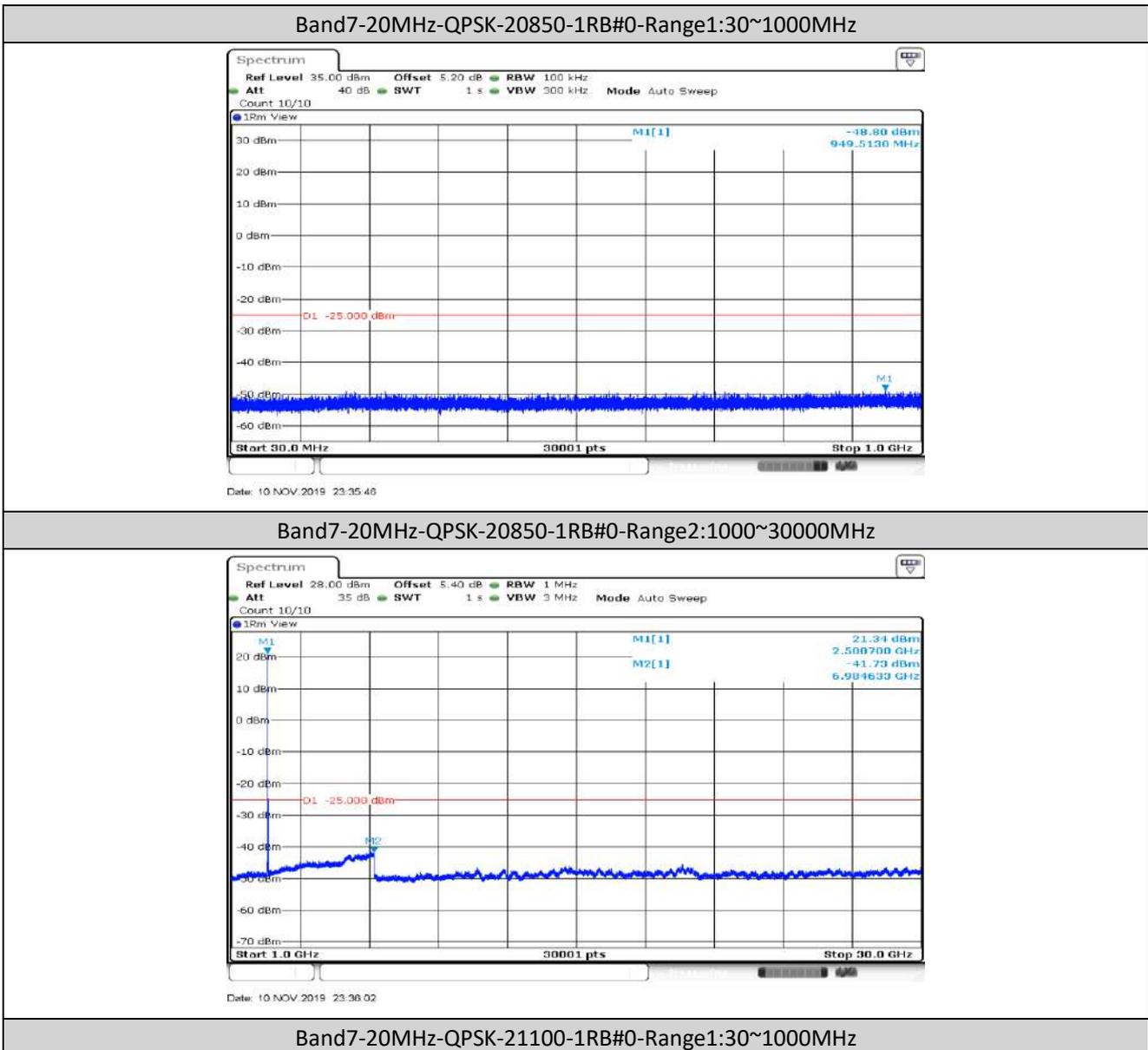
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6. Spurious Emission at Antenna Terminal

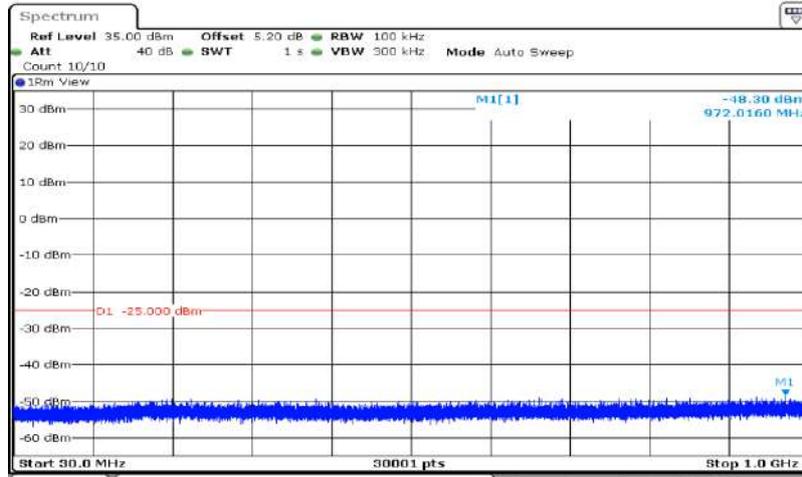
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

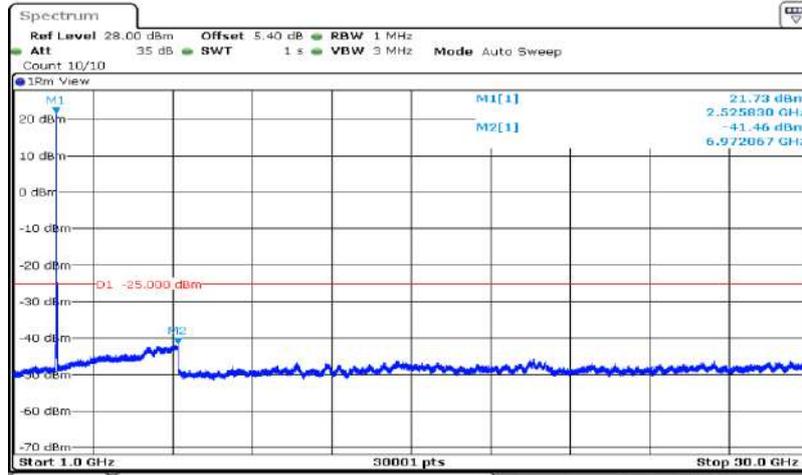


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Date: 10.NOV.2019 23:36:51

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

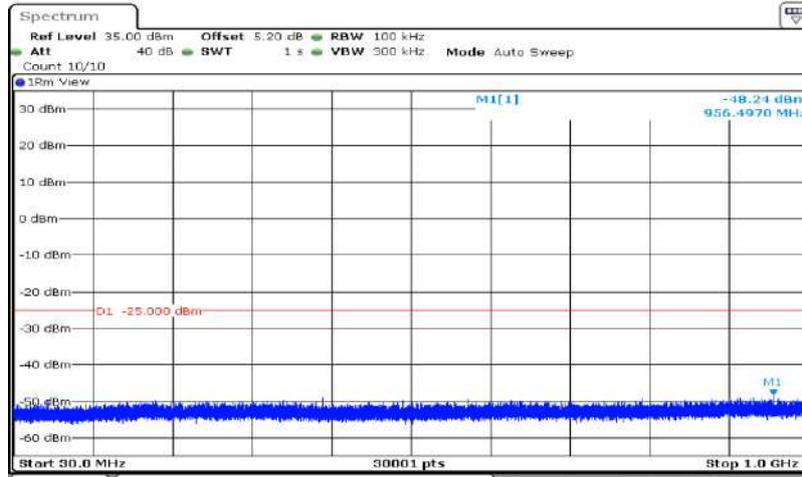


Date: 10.NOV.2019 23:37:06

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

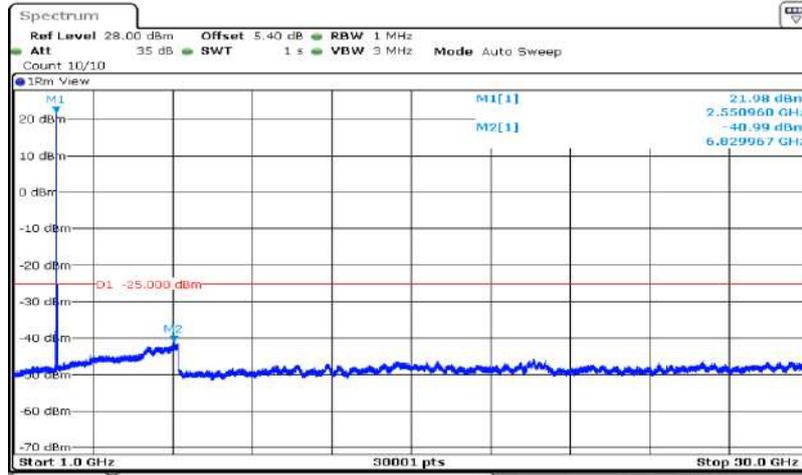


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Date: 10.NOV.2019 23:37:57

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

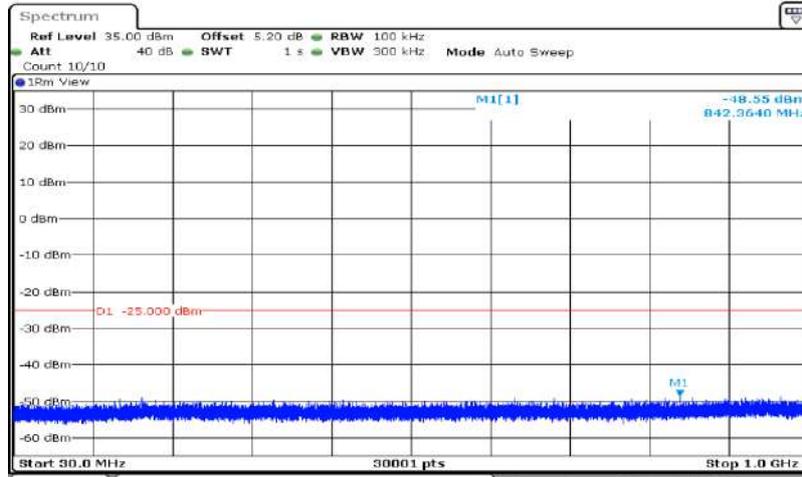


Date: 10.NOV.2019 23:38:14

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

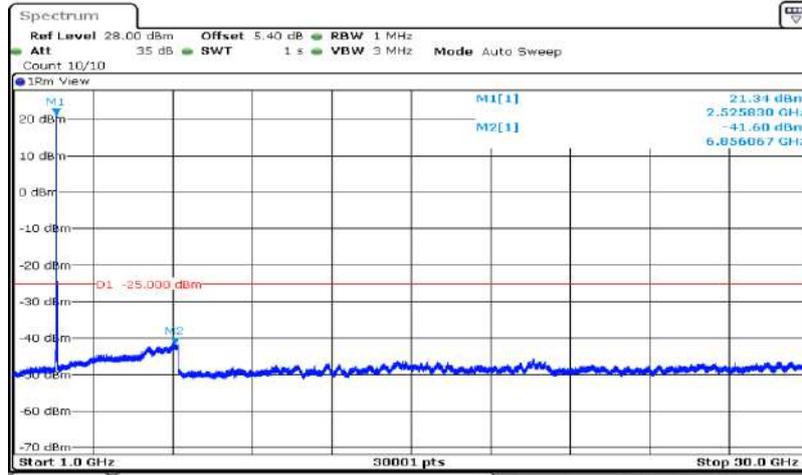


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Date: 26 NOV 2019 19:31:49

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

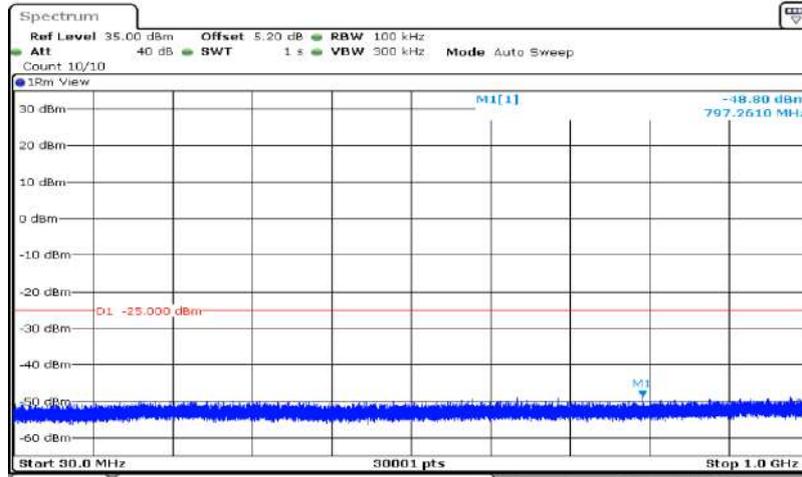


Date: 26 NOV 2019 19:32:05

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

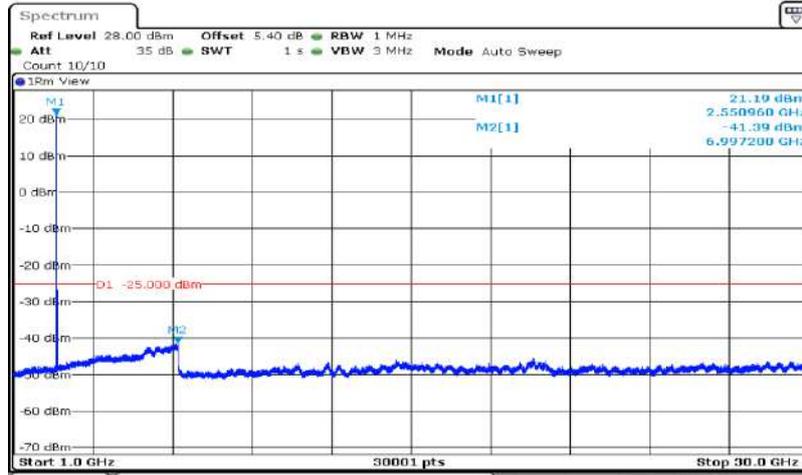


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Date: 26 NOV 2019 19:32:24

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

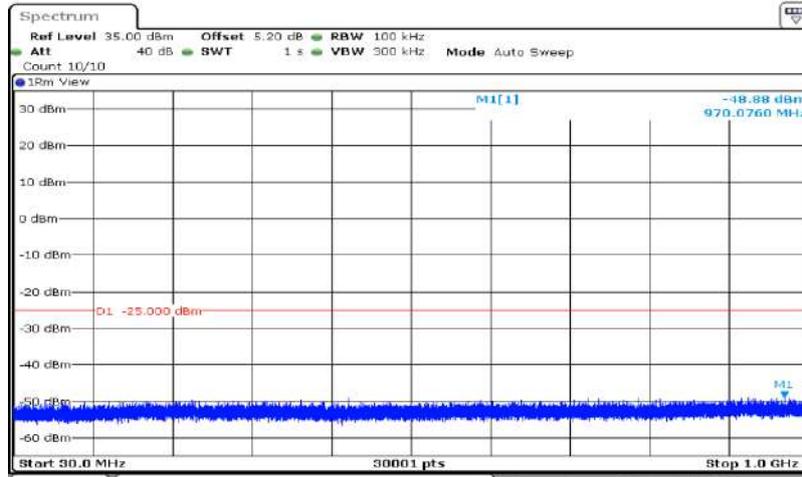


Date: 26 NOV 2019 19:32:40

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

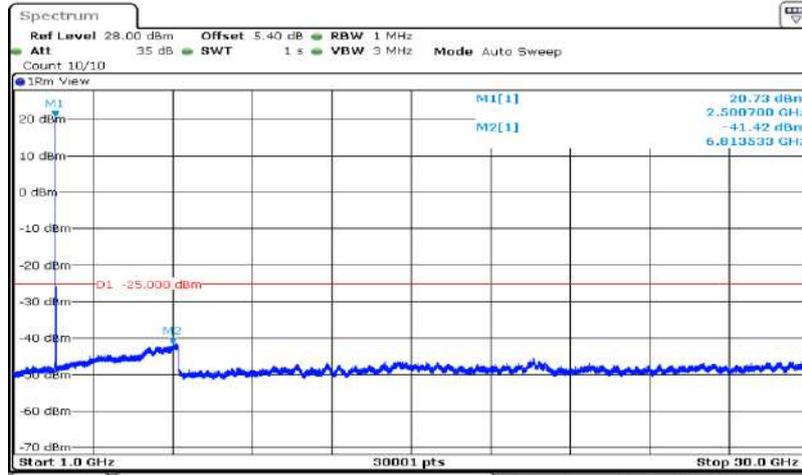


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Date: 10.NOV.2019 23:36:18

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

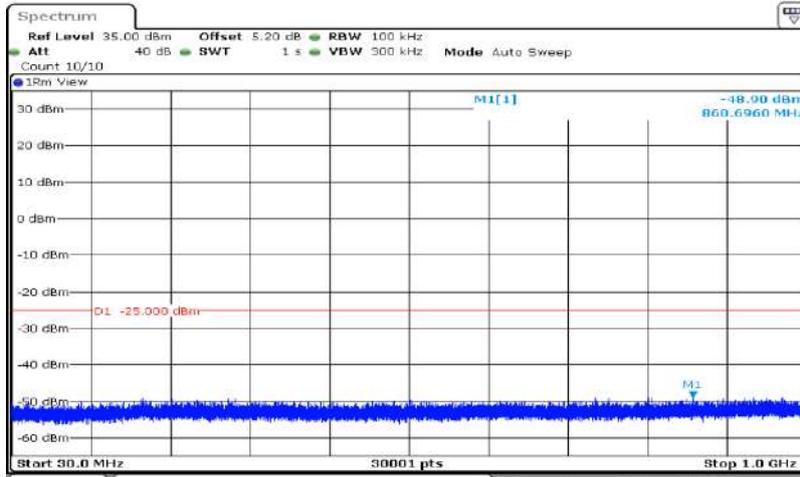


Date: 10.NOV.2019 23:36:34

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

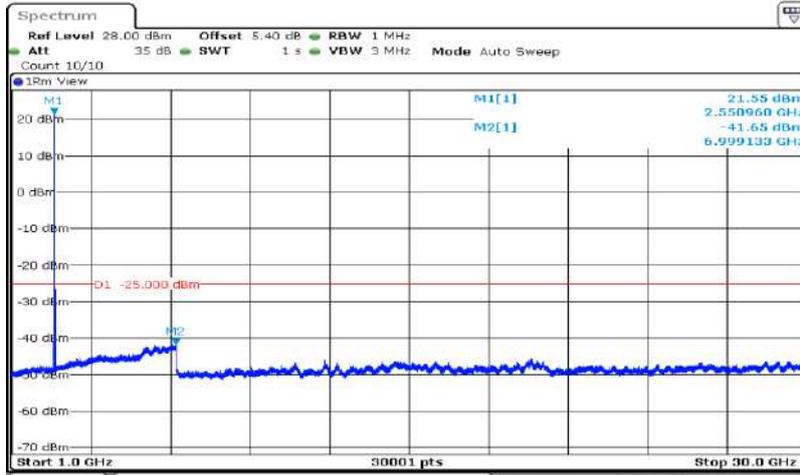


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Date: 10.NOV.2019 23:38:30

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



Date: 10.NOV.2019 23:38:46



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
66.6193	-67.12	-25.00	42.12	196	198	Vertical
109.8835	-65.35	-25.00	40.35	231	304	Vertical
426.5073	-67.72	-25.00	42.72	262	26	Vertical
1746.1492	-44.01	-25.00	19.01	284	179	Vertical
8025.2010	-54.61	-25.00	29.61	156	283	Vertical
17988.5995	-37.02	-25.00	12.02	194	219	Vertical
40.5250	-64.31	-25.00	39.31	178	300	Horizontal
235.7473	-68.66	-25.00	43.66	199	280	Horizontal
726.4463	-62.75	-25.00	37.75	174	131	Horizontal
3733.8294	-59.83	-25.00	34.83	158	258	Horizontal
9303.2521	-51.45	-25.00	26.45	213	258	Horizontal
16399.7360	-40.30	-25.00	15.30	262	348	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
44.5022	-66.79	-25.00	41.79	215	280	Vertical
116.1403	-65.14	-25.00	40.14	161	280	Vertical
385.6198	-68.25	-25.00	43.25	185	153	Vertical
1580.9162	-45.79	-25.00	20.79	184	127	Vertical
7353.7742	-54.86	-25.00	29.86	174	110	Vertical
17995.7998	-37.63	-25.00	12.63	196	342	Vertical
42.7561	-65.26	-25.00	40.26	159	173	Horizontal
234.5347	-68.21	-25.00	43.21	185	360	Horizontal
572.1601	-65.17	-25.00	40.17	321	88	Horizontal
1804.9610	-44.25	-25.00	19.25	262	178	Horizontal
7369.3748	-55.46	-25.00	30.46	248	360	Horizontal
16398.5359	-40.37	-25.00	15.37	194	131	Horizontal

Remark:

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



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8. Frequency Stability

8.1. Frequency Vs Voltage

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	-20.57	-0.008195	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-17.95	-0.007151	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-14.35	-0.005717	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-28.24	-0.011140	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-20.84	-0.008221	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-17.72	-0.006990	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-20.81	-0.008129	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-18.55	-0.007246	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-20.07	-0.007840	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	-7.00	-0.002789	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-8.00	-0.003187	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-8.90	-0.003546	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-4.40	-0.001736	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	2.40	0.000947	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-5.30	-0.002091	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-17.40	-0.006797	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-5.10	-0.001992	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-7.10	-0.002773	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-17.68	-0.007044	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-17.12	-0.006821	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-23.06	-0.009187	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-23.40	-0.009231	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-18.40	-0.007258	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-22.99	-0.009069	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-16.19	-0.006324	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-17.48	-0.006828	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-16.45	-0.006426	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-14.45	-0.005757	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-16.88	-0.006725	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-17.57	-0.007000	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-15.36	-0.006120	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-19.17	-0.007637	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-23.12	-0.009211	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-15.18	-0.006048	±2.5	PASS



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Band7	20MHz	QPSK	20850	100RB#0	NV	50	-19.71	-0.007853	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-22.65	-0.008935	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-18.88	-0.007448	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-20.48	-0.008079	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-23.26	-0.009176	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-18.47	-0.007286	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-22.09	-0.008714	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-24.66	-0.009728	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-20.41	-0.008051	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-15.41	-0.006020	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-26.18	-0.010227	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-22.77	-0.008895	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-17.65	-0.006895	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-23.46	-0.009164	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-25.25	-0.009863	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-25.05	-0.009785	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-24.08	-0.009406	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-3.80	-0.001514	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-3.30	-0.001315	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	-14.40	-0.005737	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-10.60	-0.004223	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-8.50	-0.003386	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-4.30	-0.001713	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-4.90	-0.001952	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	-5.50	-0.002191	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	9.90	0.003905	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-5.80	-0.002288	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-6.00	-0.002367	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-5.50	-0.002170	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-11.60	-0.004576	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-6.60	-0.002604	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	3.90	0.001538	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	7.30	0.002880	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-8.80	-0.003438	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-7.20	-0.002813	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-16.60	-0.006484	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-10.80	-0.004219	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	4.30	0.001680	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-10.90	-0.004258	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-13.70	-0.005352	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	-8.60	-0.003359	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-18.54	-0.007386	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-15.58	-0.006207	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-19.50	-0.007769	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-14.05	-0.005598	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-21.37	-0.008514	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-19.34	-0.007705	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-18.05	-0.007191	±2.5	PASS



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Band7	20MHz	16QAM	20850	100RB#0	NV	50	-20.31	-0.008092	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-22.62	-0.008923	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-20.26	-0.007992	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-21.49	-0.008477	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-21.72	-0.008568	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-22.95	-0.009053	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-21.73	-0.008572	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-22.57	-0.008903	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-21.04	-0.008300	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-17.95	-0.007012	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-21.00	-0.008203	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-19.74	-0.007711	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-17.65	-0.006895	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-16.48	-0.006438	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-19.80	-0.007734	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-21.04	-0.008219	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-18.80	-0.007344	±2.5	PASS



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