



Appendix B

E-UTRA BAND 7



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.66	23.16	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.19	22.69	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.68	23.18	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.39	21.89	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.33	21.83	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.32	21.82	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.29	21.79	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.75	23.25	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.32	22.82	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.67	23.17	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.20	21.70	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.25	21.75	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.25	21.75	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.23	21.73	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.68	23.18	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.26	22.76	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.74	23.24	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.39	21.89	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.18	21.68	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.34	21.84	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.31	21.81	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.86	21.36	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.58	21.08	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.06	21.56	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.83	20.33	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.76	20.26	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.79	20.29	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	19.77	20.27	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.01	21.51	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.53	21.03	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.05	21.55	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.66	20.16	33.00	PASS



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Band7	5MHz	64QAM	21100	12RB#6	19.64	20.14	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.64	20.14	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.65	20.15	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.11	21.61	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.58	21.08	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.98	21.48	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.83	20.33	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.79	20.29	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.75	20.25	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.82	20.32	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.64	22.14	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.24	21.74	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.72	22.22	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.70	21.20	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.47	20.97	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.65	21.15	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.72	22.22	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.34	21.84	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.51	22.01	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.59	21.09	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.62	21.12	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.54	21.04	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.64	22.14	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.30	21.80	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.57	22.07	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.53	21.03	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.49	20.99	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.60	21.10	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.42	20.92	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.63	23.13	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.61	23.11	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.52	23.02	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.21	21.71	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.25	21.75	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.21	21.71	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.24	21.74	33.00	PASS



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Band7	10MHz	QPSK	21100	1RB#0	22.57	23.07	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.55	23.05	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.63	23.13	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.05	21.55	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.30	21.80	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.27	21.77	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.37	21.87	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.60	23.10	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.54	23.04	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.62	23.12	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.24	21.74	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.27	21.77	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.30	21.80	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.36	21.86	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.00	21.50	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.72	21.22	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.88	21.38	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.50	20.00	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.81	20.31	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.76	20.26	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.75	20.25	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.06	21.56	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	20.70	21.20	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.82	21.32	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.62	20.12	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.66	20.16	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.80	20.30	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.84	20.34	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.94	21.44	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.88	21.38	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.93	21.43	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.59	20.09	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.87	20.37	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.78	20.28	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.89	20.39	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.57	22.07	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.39	21.89	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.48	21.98	33.00	PASS



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Band7	10MHz	16QAM	20800	25RB#0	20.33	20.83	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.52	21.02	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.50	21.00	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.53	21.03	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.46	21.96	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.45	21.95	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.31	21.81	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.38	20.88	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.56	21.06	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.51	21.01	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.58	21.08	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.46	21.96	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.34	21.84	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.29	21.79	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.37	20.87	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.51	21.01	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.48	20.98	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.63	21.13	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.64	23.14	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.77	23.27	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.53	23.03	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.17	21.67	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.22	21.72	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	21.17	21.67	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.25	21.75	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.56	23.06	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.74	23.24	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.55	23.05	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.04	21.54	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.13	21.63	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	21.29	21.79	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.36	21.86	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.74	23.24	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.78	23.28	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.60	23.10	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.21	21.71	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.33	21.83	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.31	21.81	33.00	PASS



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Band7	15MHz	QPSK	21375	75RB#0	21.45	21.95	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.88	21.38	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.96	21.46	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.80	21.30	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.43	19.93	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	19.62	20.12	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	19.60	20.10	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.59	20.09	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.89	21.39	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.93	21.43	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.81	21.31	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	19.63	20.13	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#18	19.63	20.13	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	19.81	20.31	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.86	20.36	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.08	21.58	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.05	21.55	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.79	21.29	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	19.53	20.03	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	19.78	20.28	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	19.77	20.27	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.90	20.40	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.62	22.12	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.57	22.07	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.44	21.94	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.50	21.00	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.49	20.99	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.44	20.94	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.49	20.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.49	21.99	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.50	22.00	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.56	22.06	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.41	20.91	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	20.41	20.91	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.53	21.03	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.61	21.11	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.62	22.12	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.57	22.07	33.00	PASS



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Band7	15MHz	16QAM	21375	1RB#74	21.35	21.85	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.37	20.87	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.55	21.05	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.53	21.03	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.67	21.17	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.52	23.02	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.63	23.13	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.80	23.30	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.37	21.87	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.27	21.77	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.61	23.11	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.52	23.02	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.85	23.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.34	21.84	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.30	21.80	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.39	21.89	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.52	22.02	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.59	23.09	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.55	23.05	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.83	23.33	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.42	21.92	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.29	21.79	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.49	21.99	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.49	21.99	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.97	21.47	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.97	21.47	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.05	21.55	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.81	20.31	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.92	20.42	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.86	20.36	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.85	20.35	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.87	21.37	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.90	21.40	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.08	21.58	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.68	20.18	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.77	20.27	33.00	PASS



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Band7	20MHz	64QAM	21100	50RB#50	19.92	20.42	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.85	20.35	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.99	21.49	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.00	21.50	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.20	21.70	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.88	20.38	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.96	20.46	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.98	20.48	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.04	20.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.52	22.02	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.53	22.03	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.68	22.18	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.65	21.15	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.63	21.13	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.55	21.05	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.67	21.17	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.37	21.87	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.29	21.79	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.67	22.17	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.52	21.02	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.54	21.04	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.67	21.17	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.73	21.23	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.50	22.00	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.37	21.87	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.61	22.11	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.59	21.09	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.55	21.05	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.66	21.16	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.78	21.28	33.00	PASS

Remark:

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

$$\text{ERP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBd]}$$

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b: SGP=Signal Generator Level



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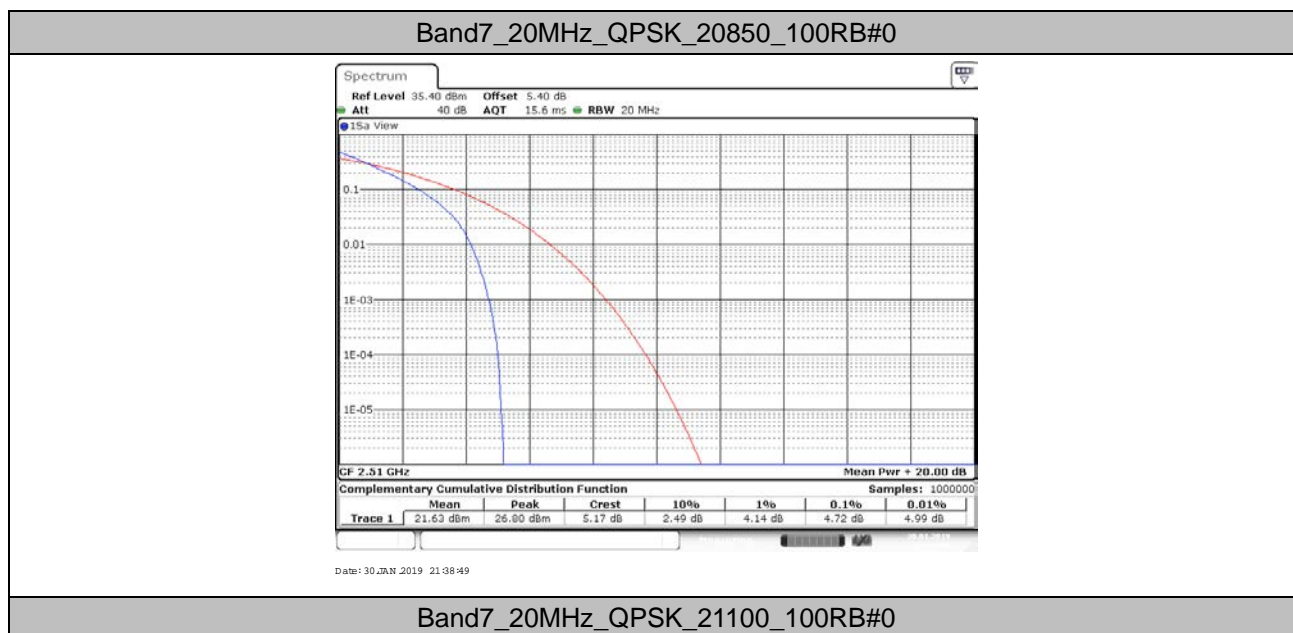


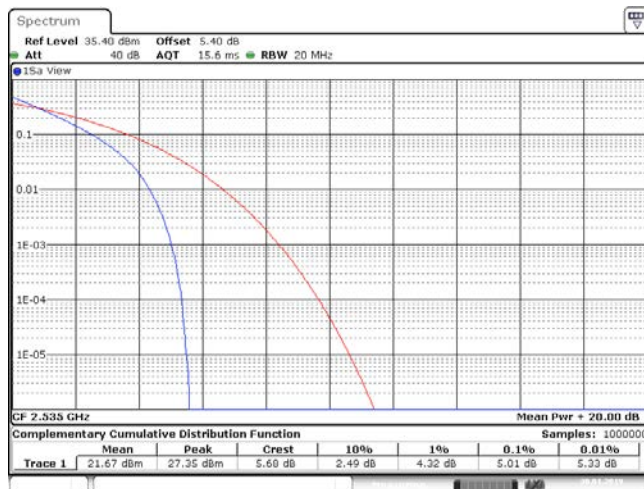
2. Peak-to-Average Ratio(CCDF)

2.1.Test Result

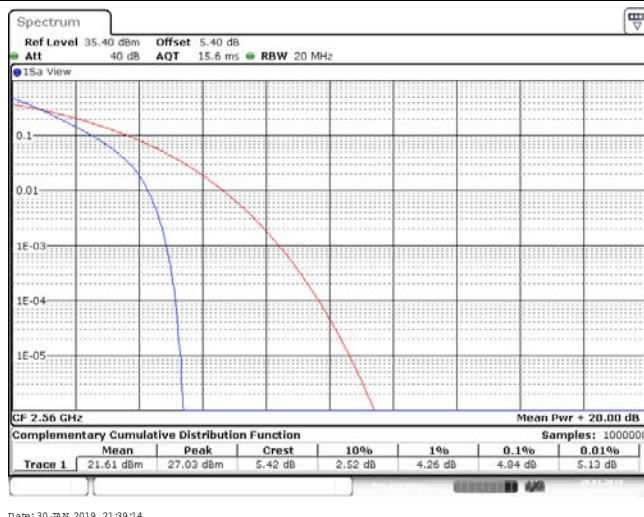
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.72	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.01	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.84	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	5.86	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	5.83	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	5.71	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.22	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.36	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.19	13	PASS

2.2.Test Plots



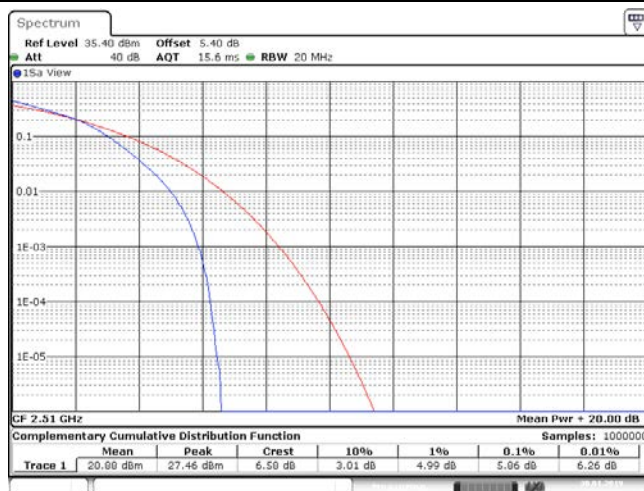


Band7_20MHz_QPSK_21350_100RB#0



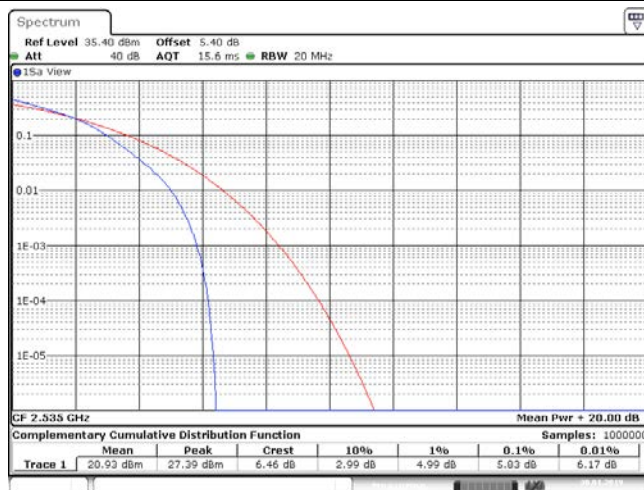
Band7_20MHz_64QAM_20850_100RB#0





Date: 30 JAN 2019 21:40:04

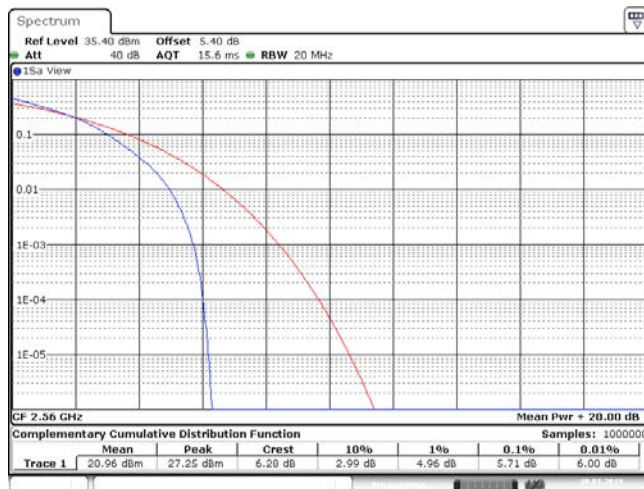
Band7_20MHz_64QAM_21100_100RB#0



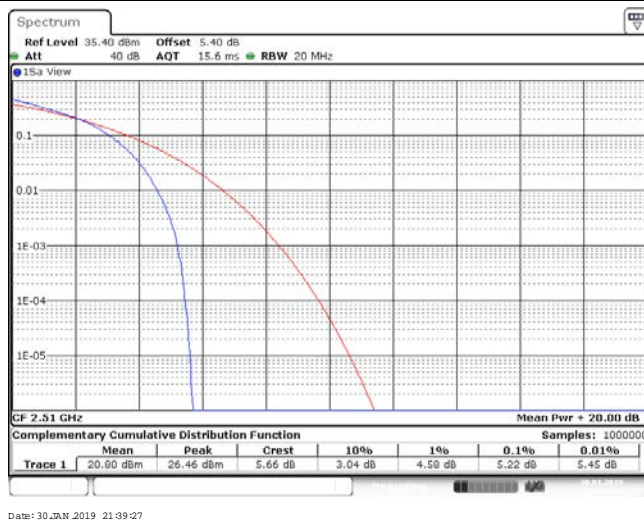
Date: 30 JAN 2019 21:40:17

Band7_20MHz_64QAM_21350_100RB#0



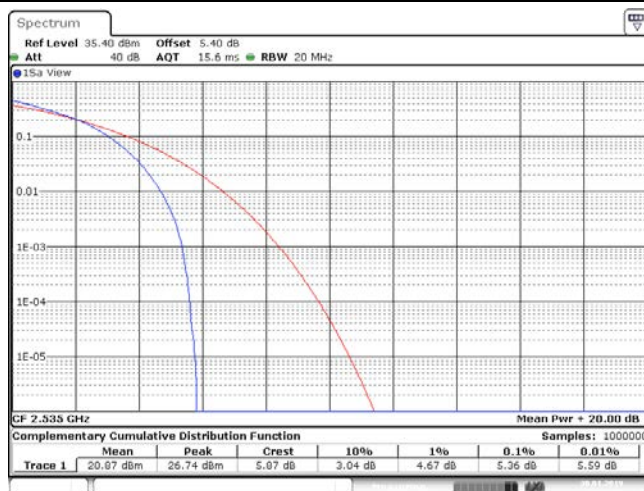


Band7_20MHz_16QAM_20850_100RB#0



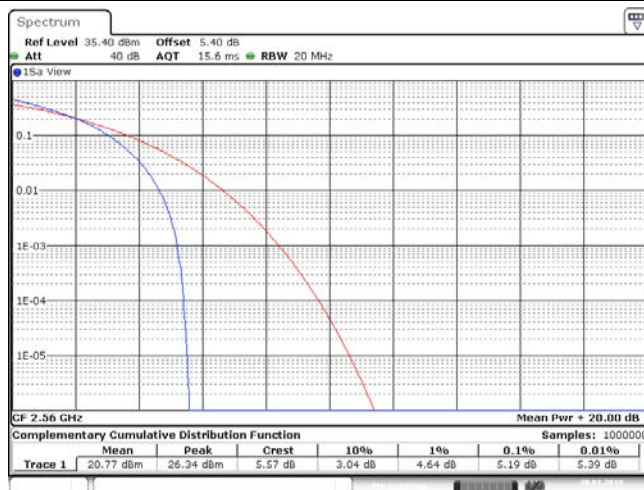
Band7_20MHz_16QAM_21100_100RB#0





Date: 30 JAN 2019 21:39:39

Band7_20MHz_16QAM_21350_100RB#0



Date: 30 JAN 2019 21:39:52

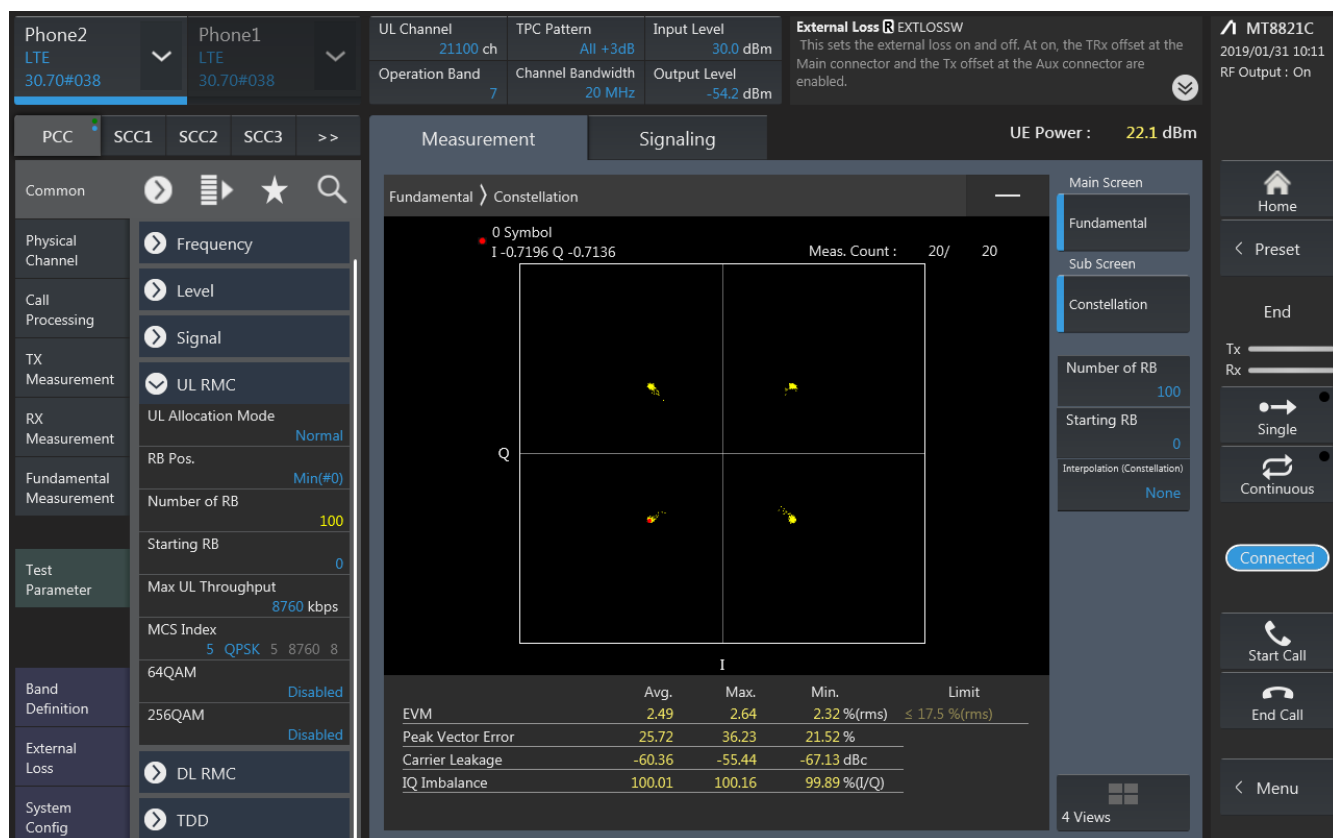


3. Modulation Characteristics

3.1. Test BAND = LTE BAND7

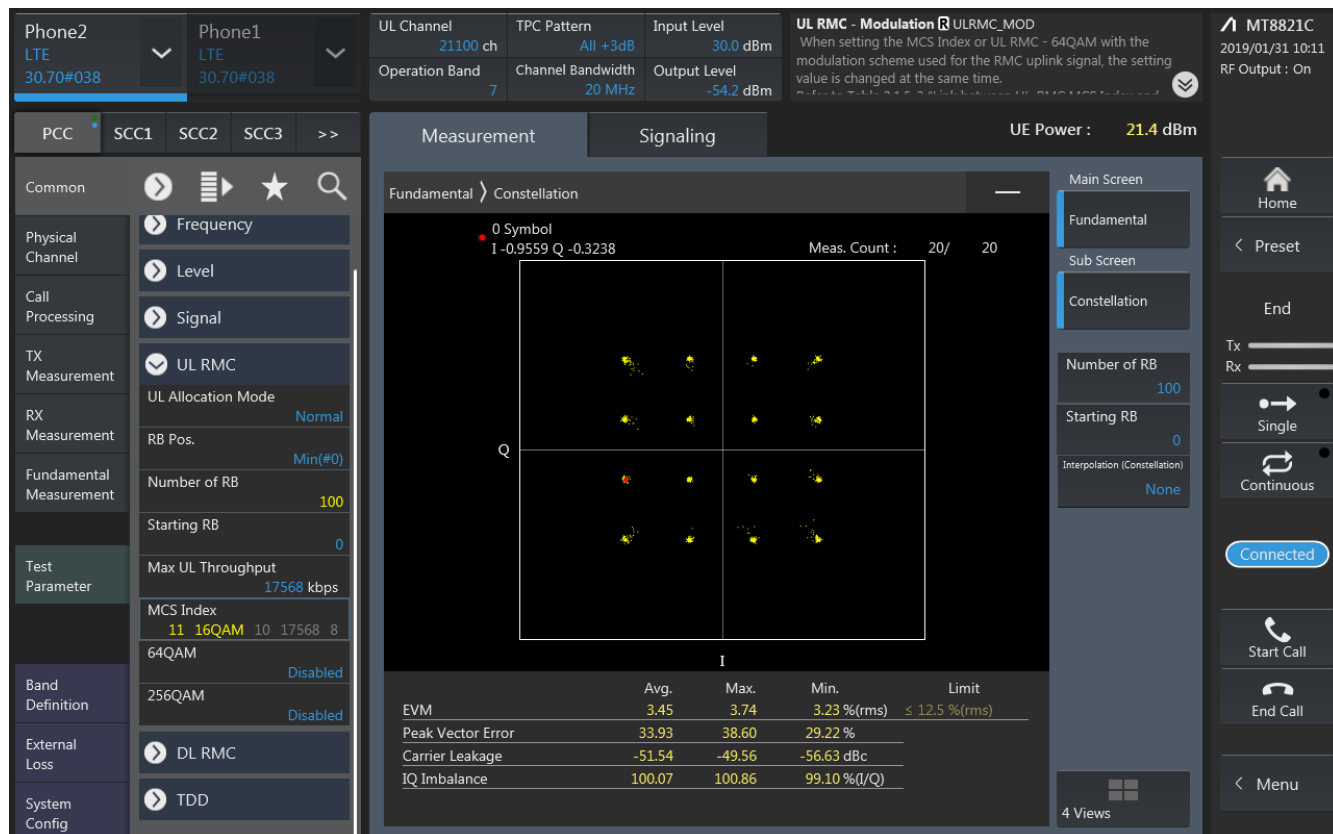
3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



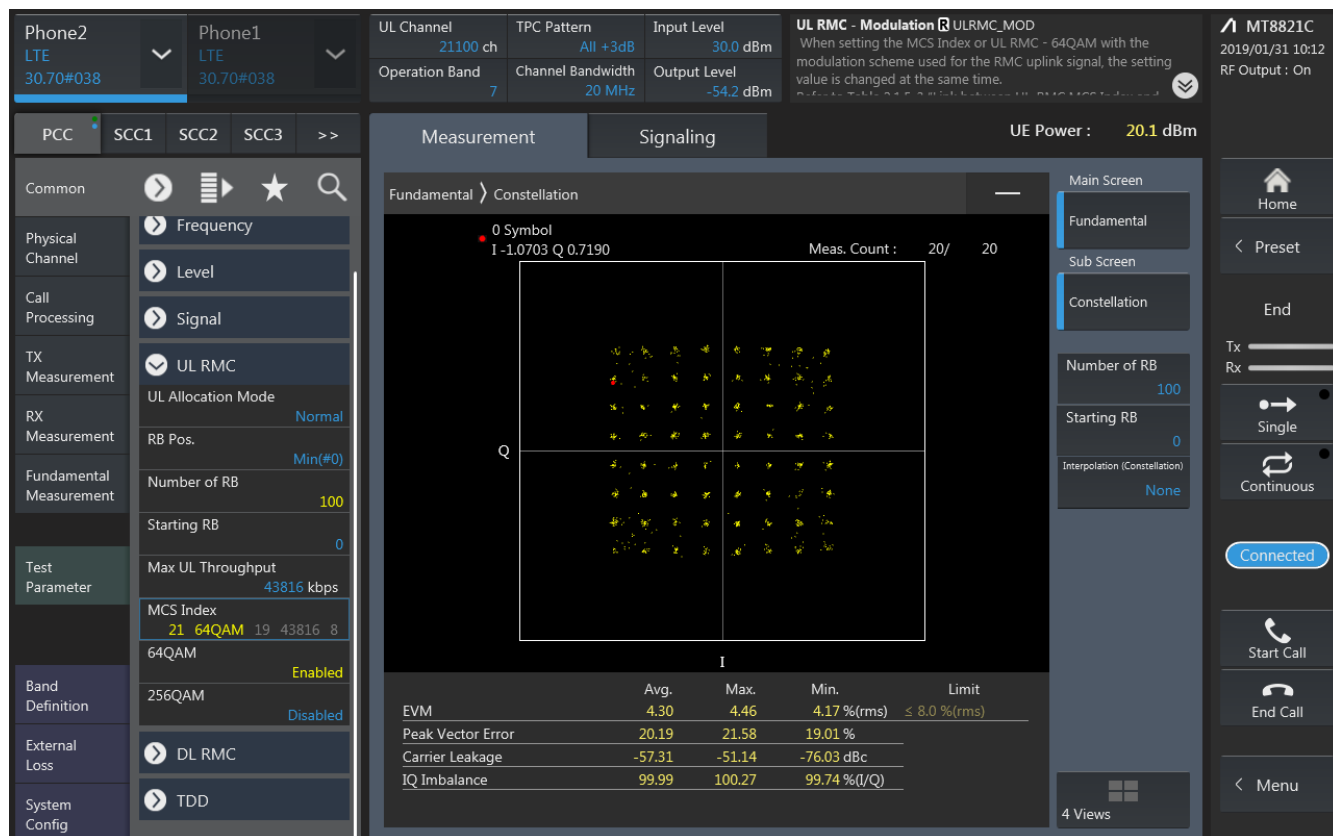
3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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	4.486	4.910	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.466	4.900	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.890	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.910	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.890	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.900	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.930	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.840	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.951	9.820	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.931	9.760	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.760	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.951	9.780	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.951	9.800	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.800	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.931	9.780	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.971	9.760	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.487	15.090	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.487	14.970	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.516	15.060	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.516	15.030	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.487	15.060	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.516	15.060	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.487	15.000	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.516	15.150	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.487	15.030	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.902	19.800	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.942	19.720	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.942	19.640	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.942	19.920	PASS



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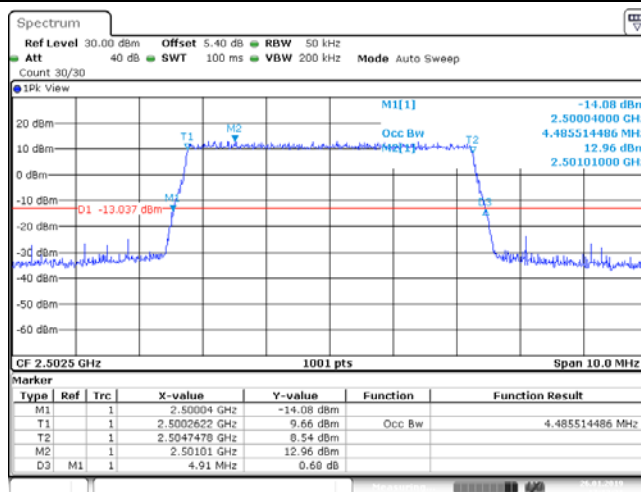
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Band7	20MHz	64QAM	21100	100RB#0	17.902	19.960	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.942	19.720	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.942	19.800	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.942	19.760	PASS

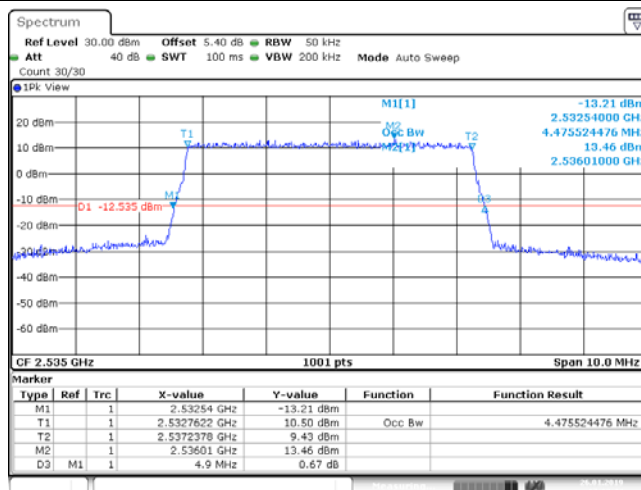
4.2. Test Plots

Band7_5MHz_QPSK_20775_25RB#0



Date: 26 JAN 2019 17:13:22

Band7_5MHz_QPSK_21100_25RB#0



Date: 26 JAN 2019 17:13:45

Band7_5MHz_QPSK_21425_25RB#0

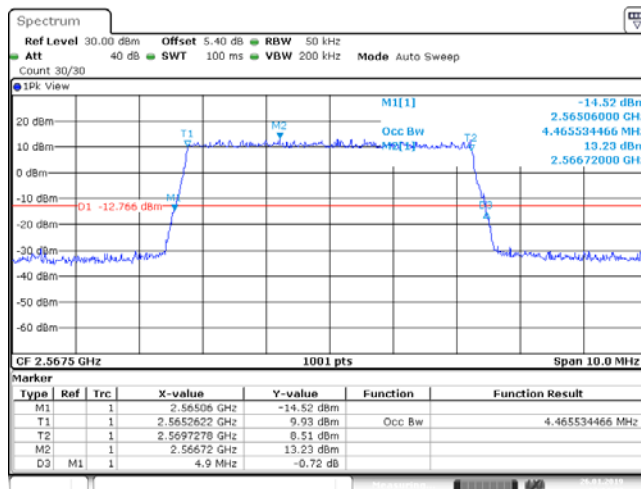


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA) Calibration Laboratory

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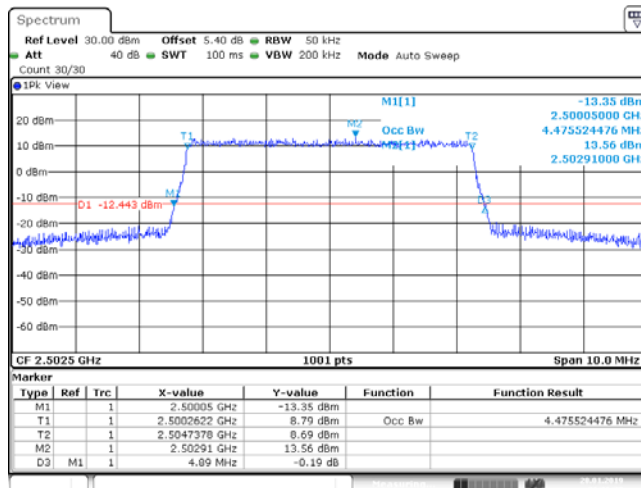
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Date: 26 JAN 2019 17:14:08

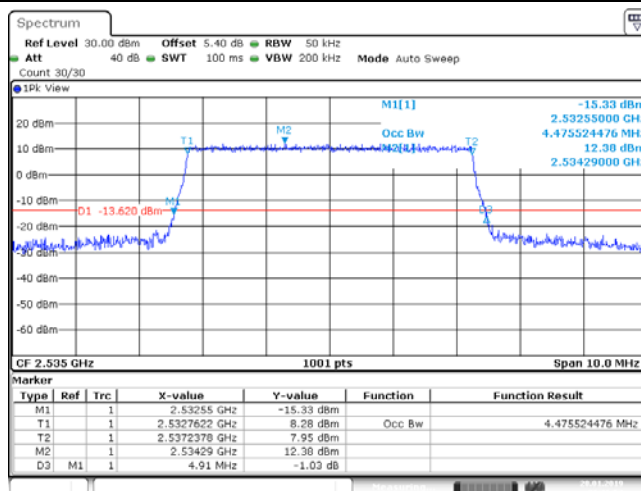
Band7_5MHz_64QAM_20775_25RB#0



Date: 28 JAN 2019 21:16:39

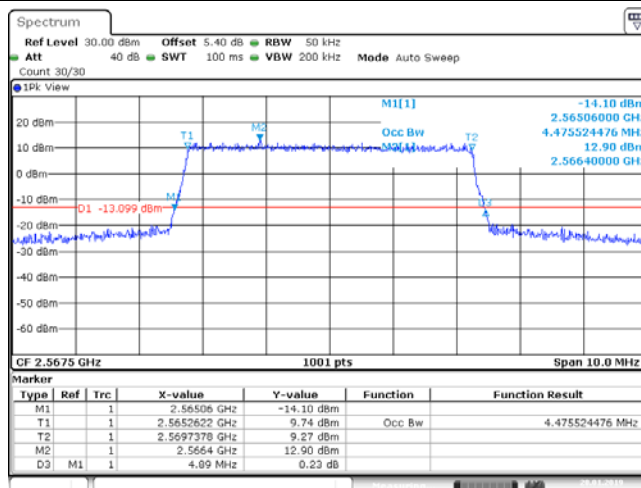
Band7_5MHz_64QAM_21100_25RB#0





Date: 28 JAN 2019 21:16:53

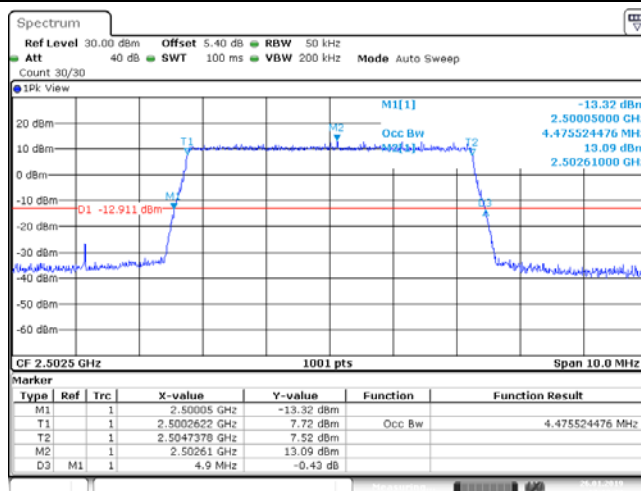
Band7_5MHz_64QAM_21425_25RB#0



Date: 28 JAN 2019 21:17:06

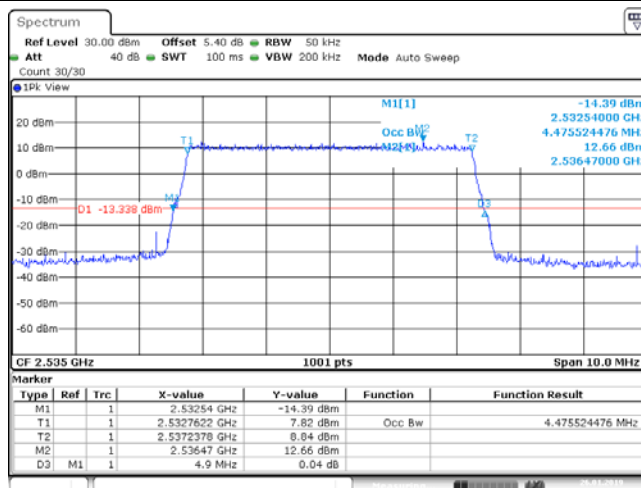
Band7_5MHz_16QAM_20775_25RB#0





Date: 26 JAN 2019 17:13:32

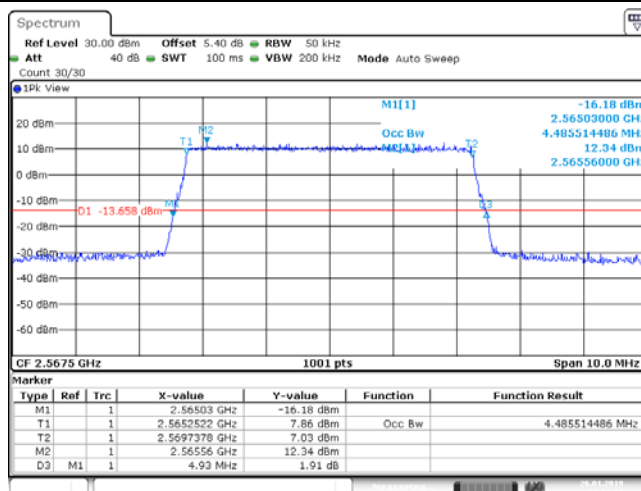
Band7_5MHz_16QAM_21100_25RB#0



Date: 26 JAN 2019 17:13:55

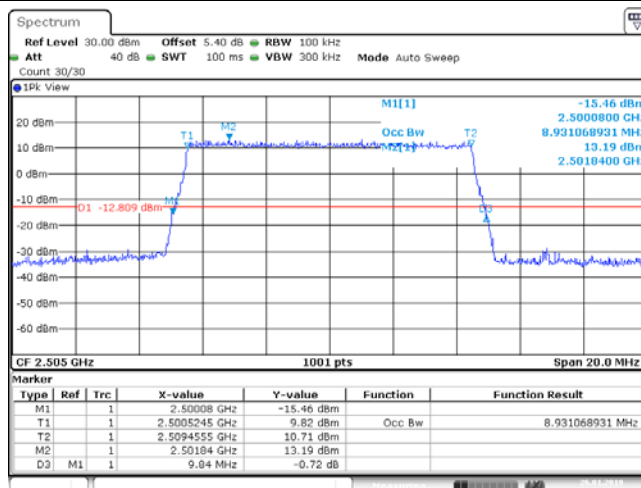
Band7_5MHz_16QAM_21425_25RB#0





Date: 26 JAN 2019 17:14:18

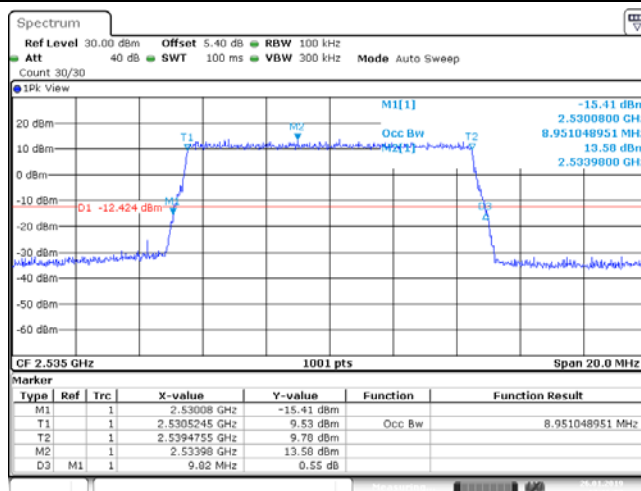
Band7_10MHz_QPSK_20800_50RB#0



Date: 26 JAN 2019 17:15:45

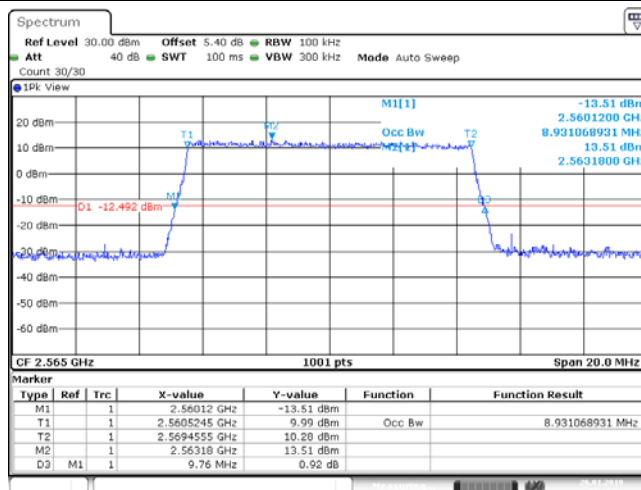
Band7_10MHz_QPSK_21100_50RB#0





Date: 26 JAN 2019 17:16:08

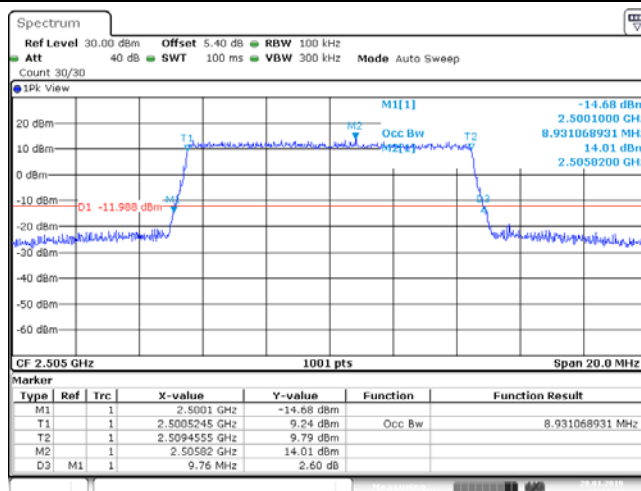
Band7_10MHz_QPSK_21400_50RB#0



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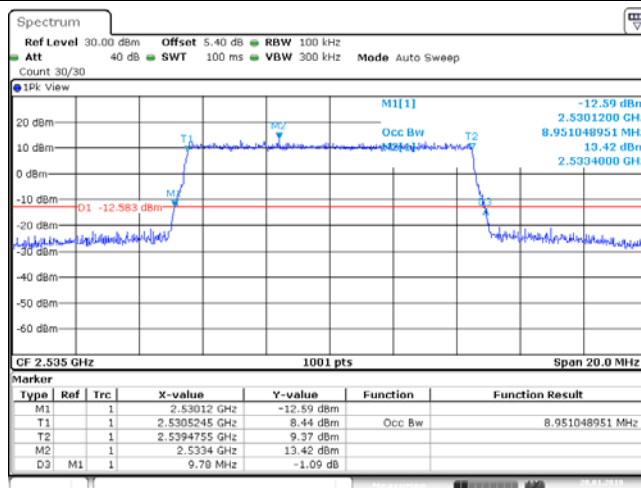
Band7_10MHz_64QAM_20800_50RB#0





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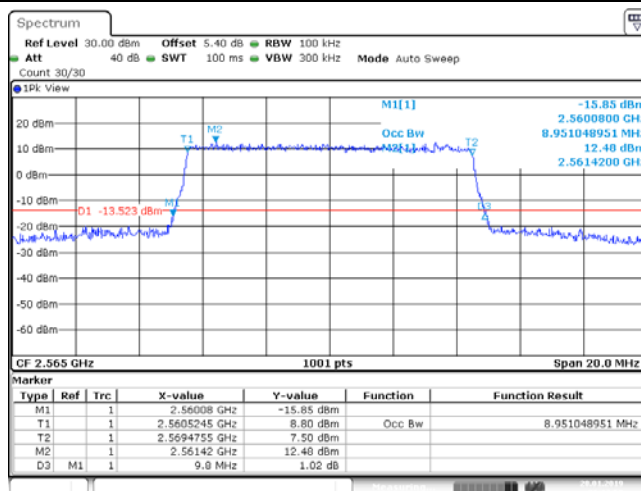
Band7_10MHz_64QAM_21100_50RB#0



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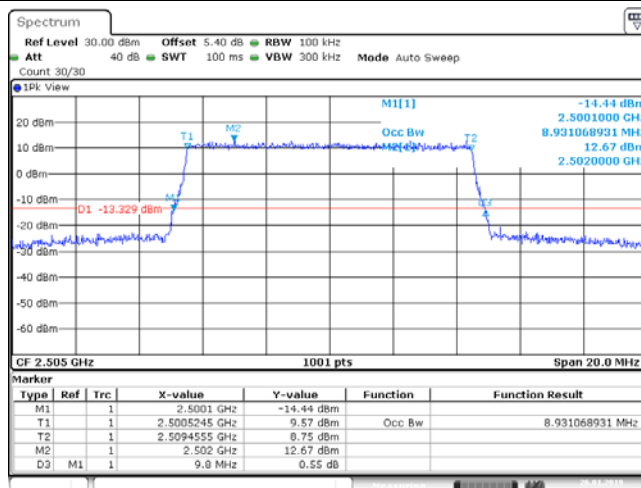
Band7_10MHz_64QAM_21400_50RB#0





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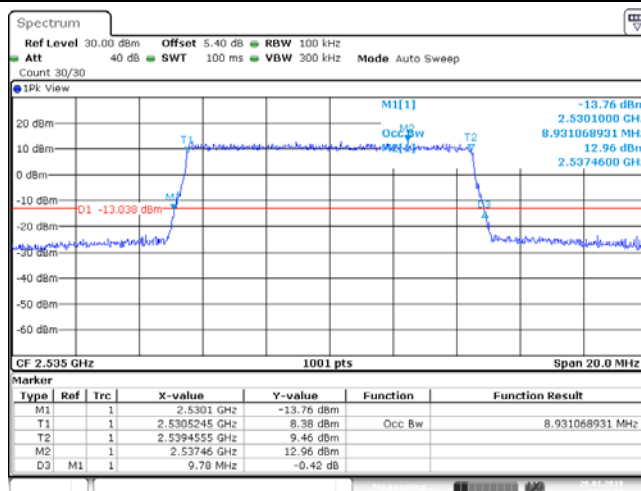
Band7_10MHz_16QAM_20800_50RB#0



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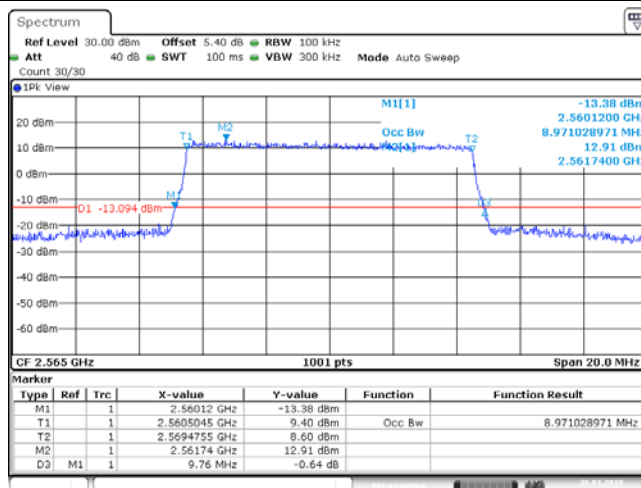
Band7_10MHz_16QAM_21100_50RB#0





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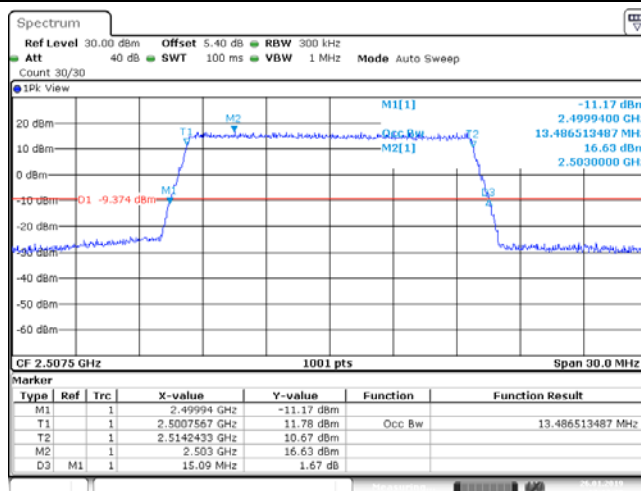
Band7_10MHz_16QAM_21400_50RB#0



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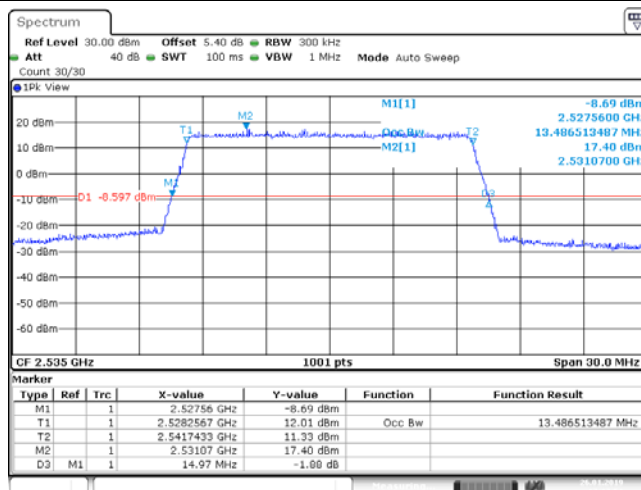
Band7_15MHz_QPSK_20825_75RB#0





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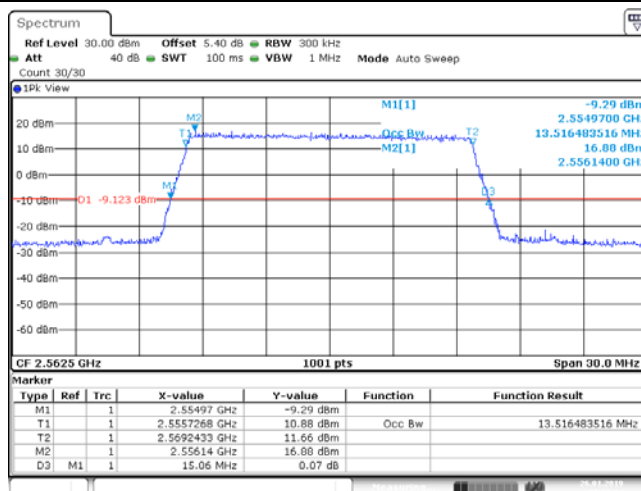
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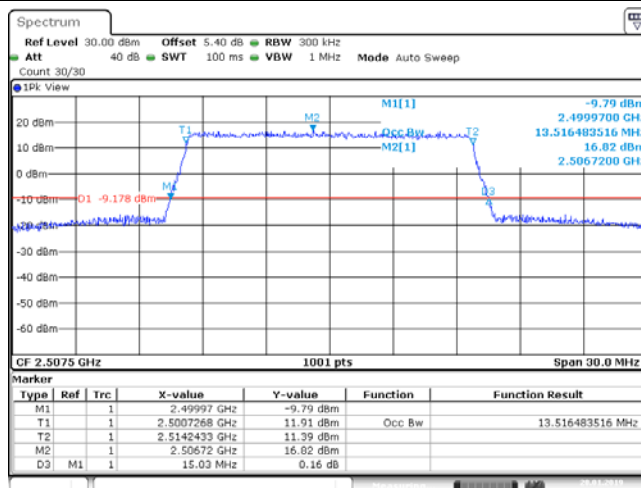
Band7_15MHz_QPSK_21375_75RB#0





Date: 26 JAN 2019 17:18:15

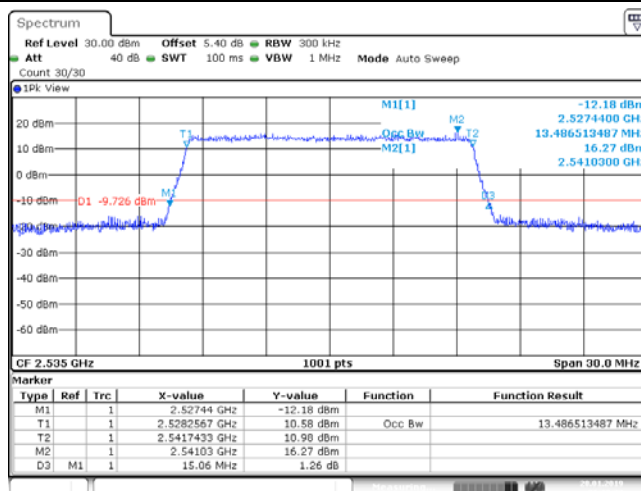
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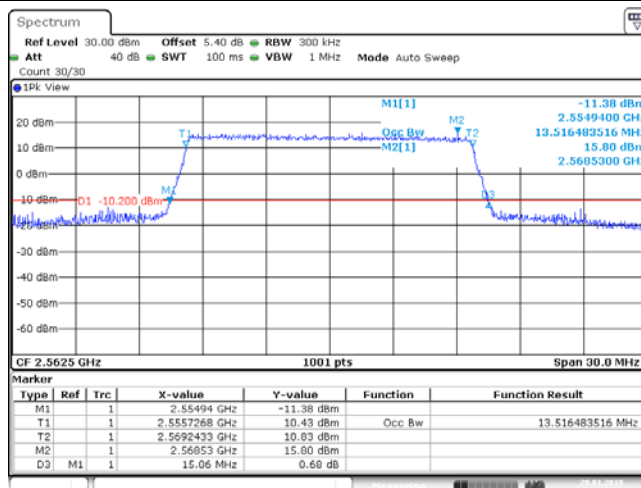
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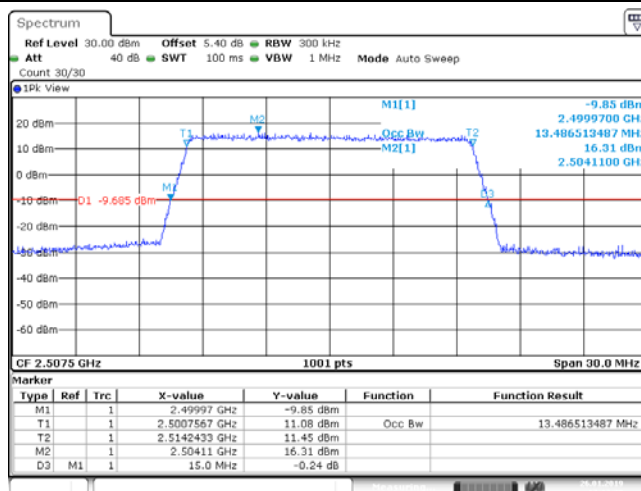
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Date: 28 JAN 2019 21:18:36

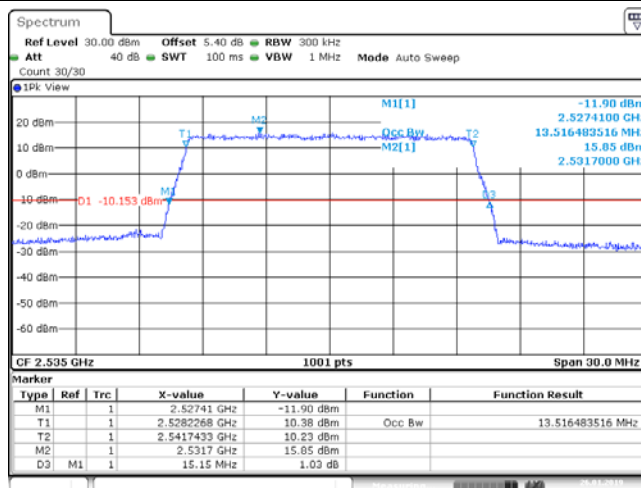
Band7_15MHz_16QAM_20825_75RB#0





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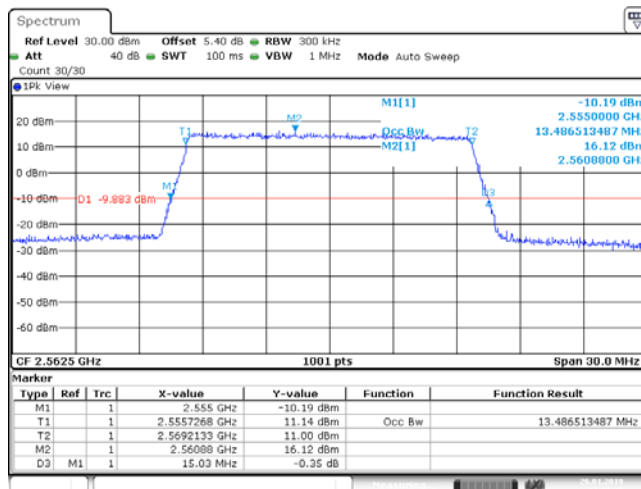
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Date: 26 JAN 2019 17:18:02

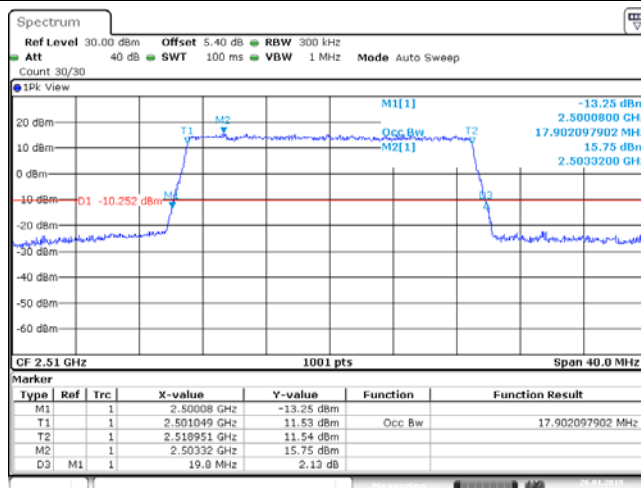
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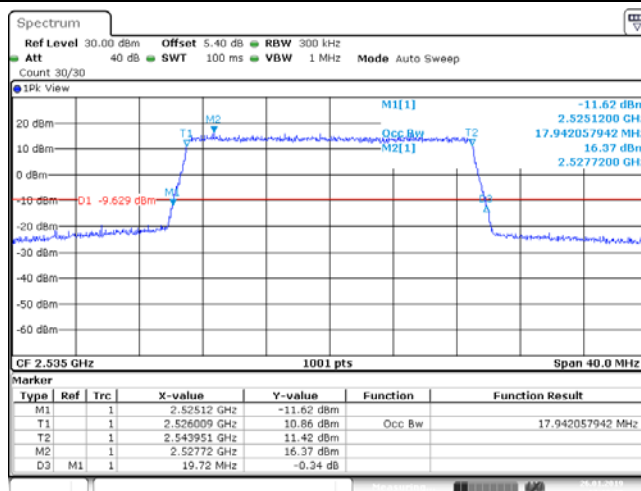
Band7_20MHz_QPSK_20850_100RB#0



Date: 26 JAN 2019 17:19:16

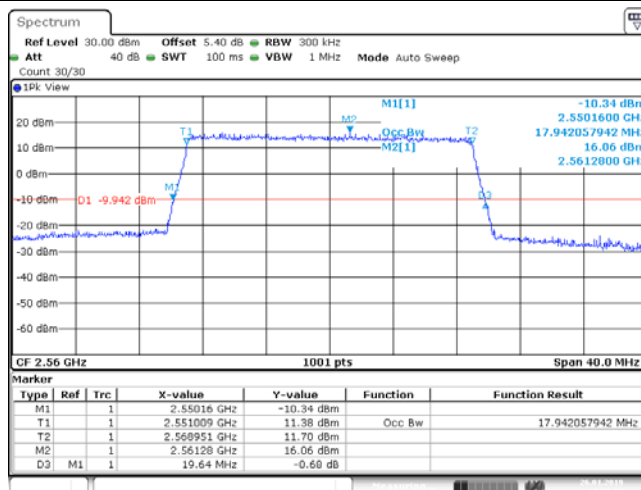
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Date: 26 JAN 2019 17:19:40

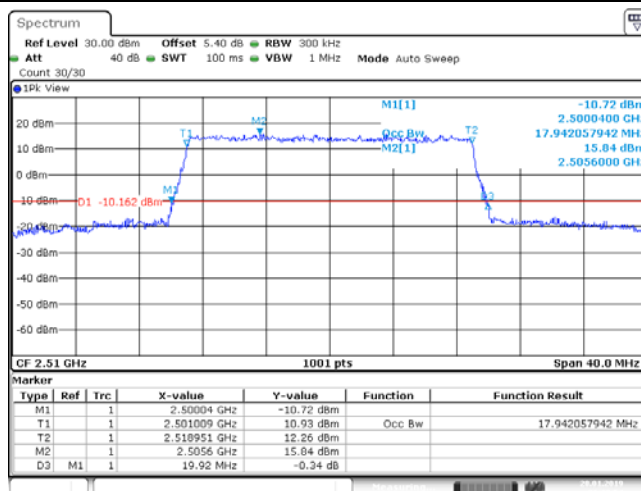
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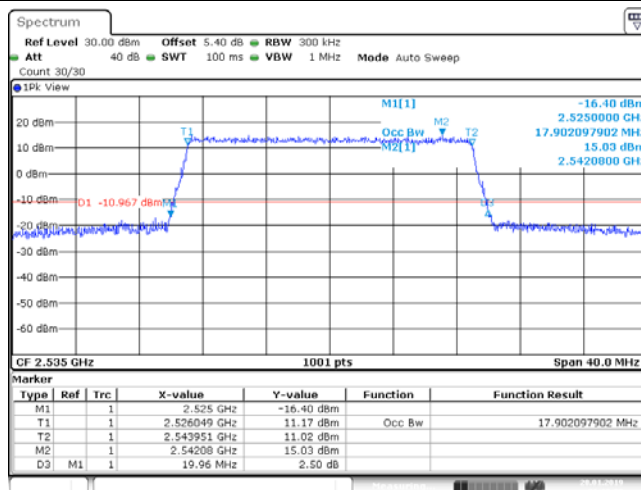
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Date: 28 JAN 2019 21:18:54

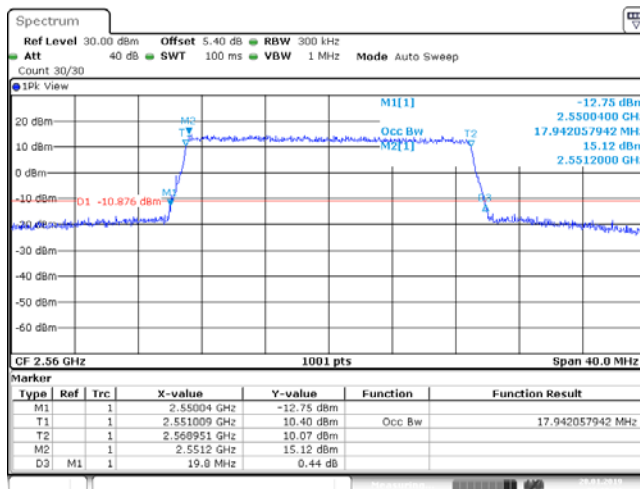
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Date: 28 JAN 2019 21:19:08

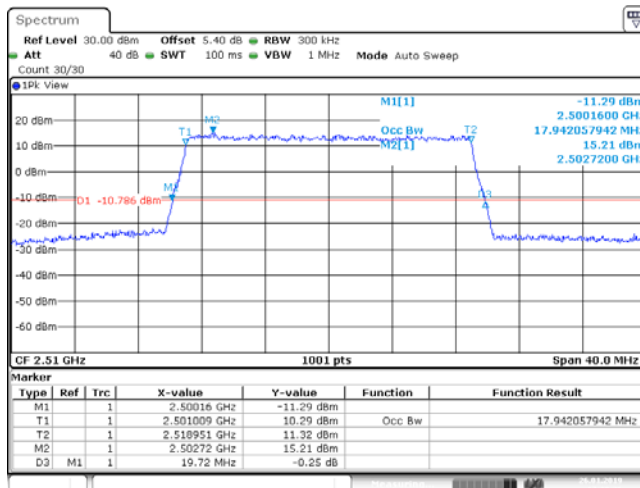
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Date: 28 JAN 2019 21:19:21

Band7_20MHz_16QAM_20850_100RB#0



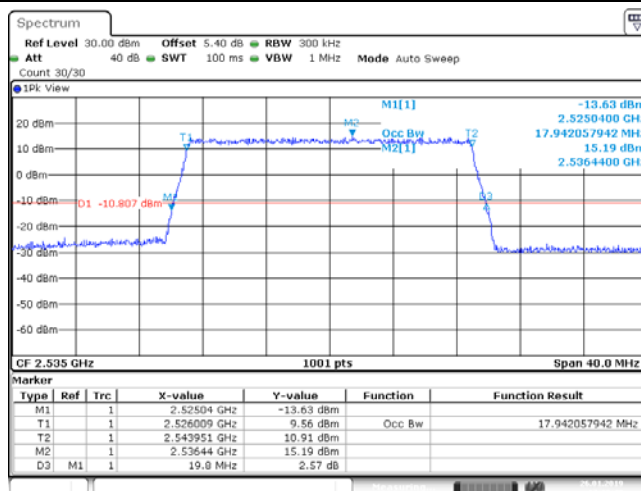
Date: 26 JAN 2019 17:19:27

Band7_20MHz_16QAM_21100_100RB#0



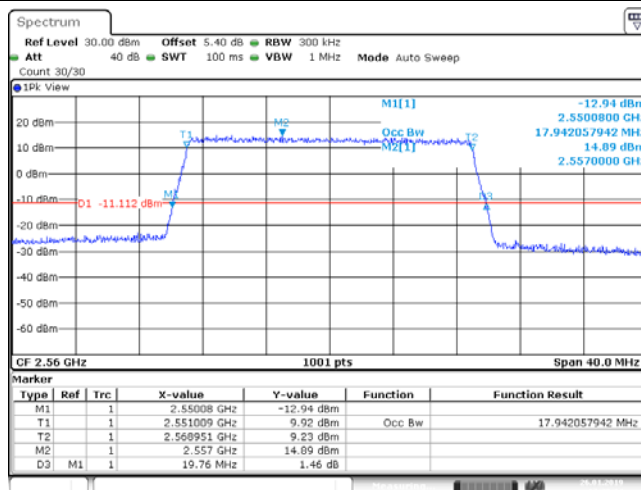
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Date: 26 JAN 2019 17:19:50

Band7_20MHz_16QAM_21350_100RB#0



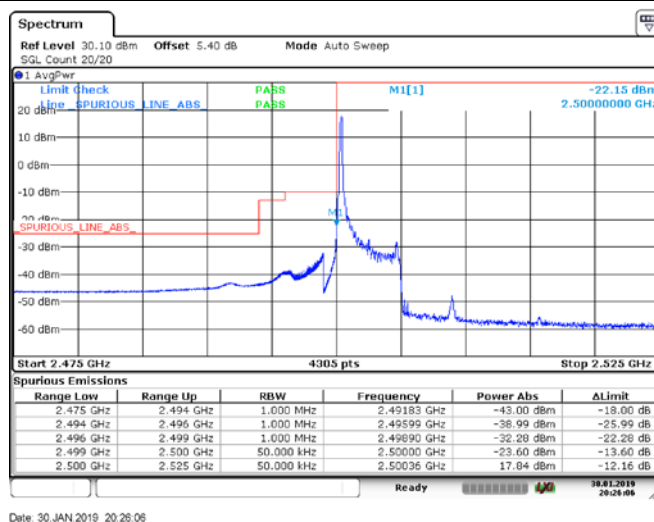
Date: 26 JAN 2019 17:20:14



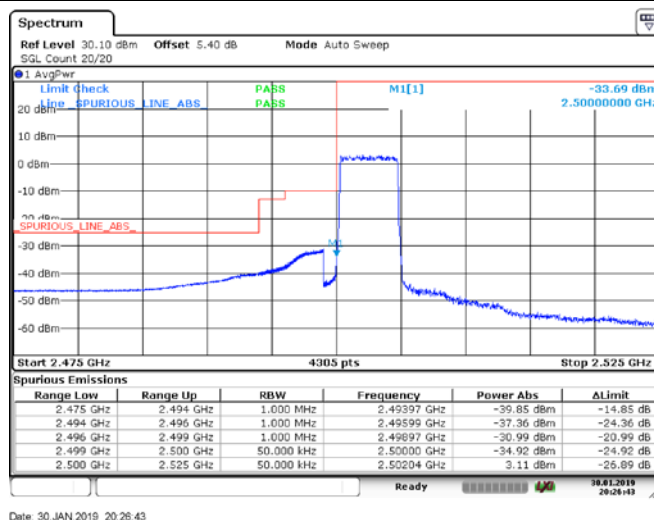
5. Band Edge Compliance

5.1. Test Plots

Band7_5MHz_QPSK_20775_1RB#0

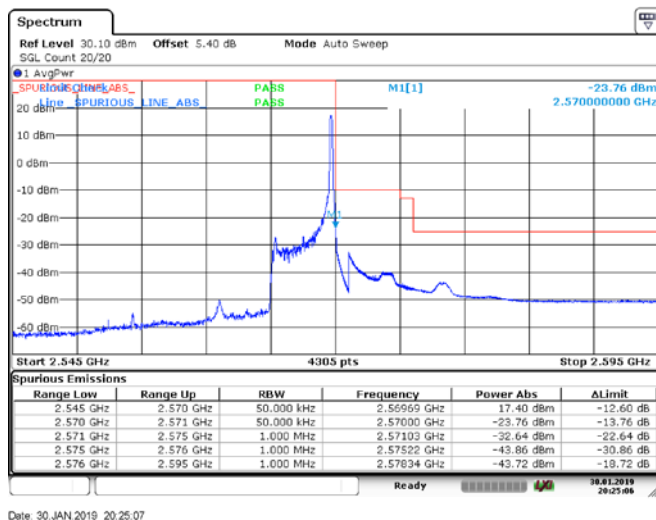


Band7_5MHz_QPSK_20775_25RB#0

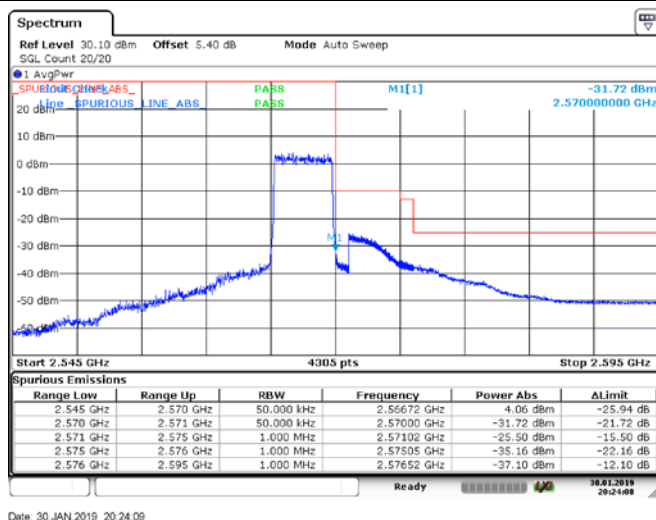


Band7_5MHz_QPSK_21425_1RB#24



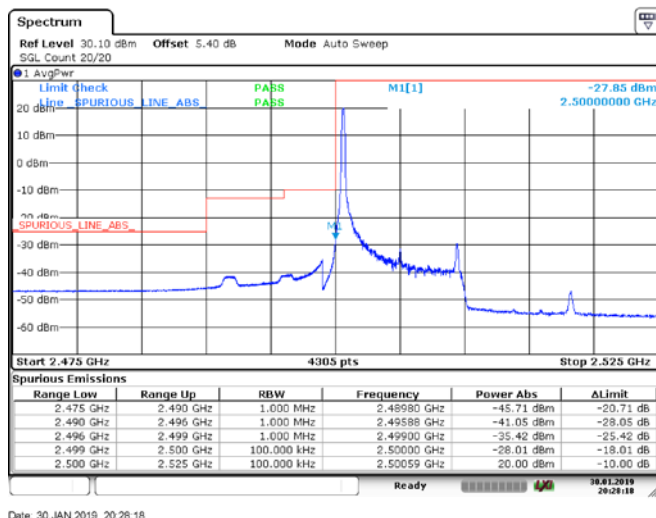


Band7_5MHz_QPSK_21425_25RB#0

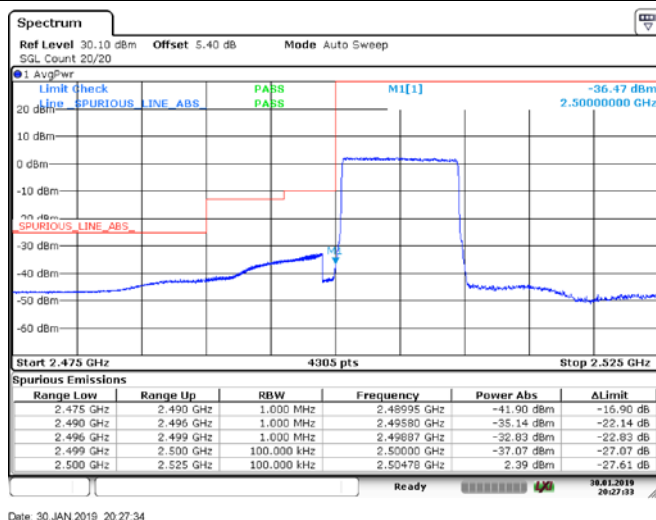


Band7_10MHz_QPSK_20800_1RB#0



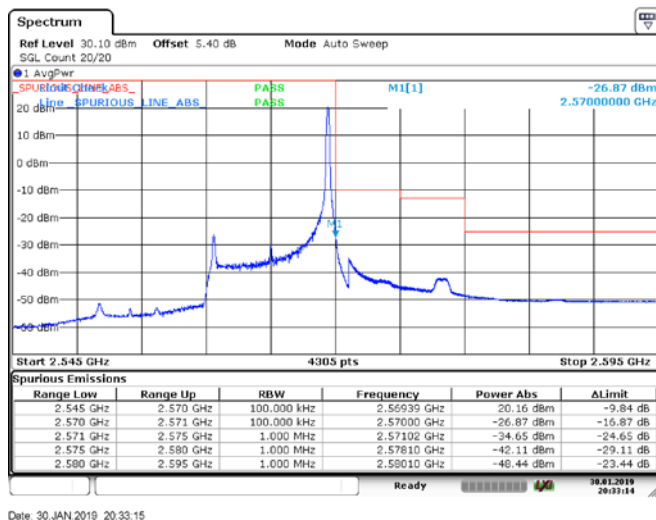


Band7_10MHz_QPSK_20800_50RB#0

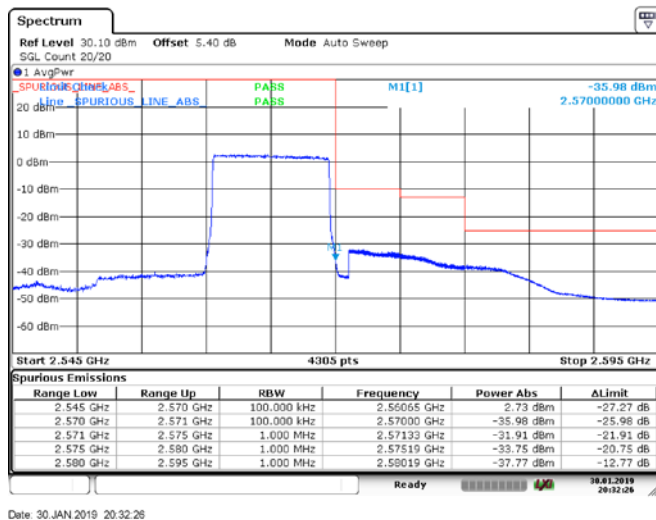


Band7_10MHz_QPSK_21400_1RB#49



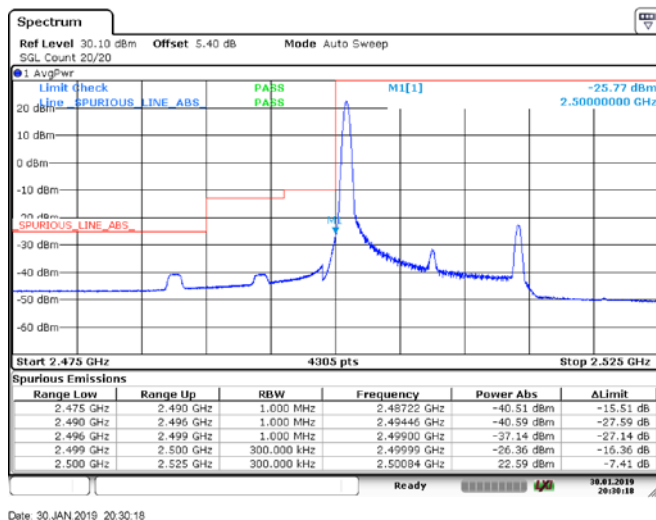


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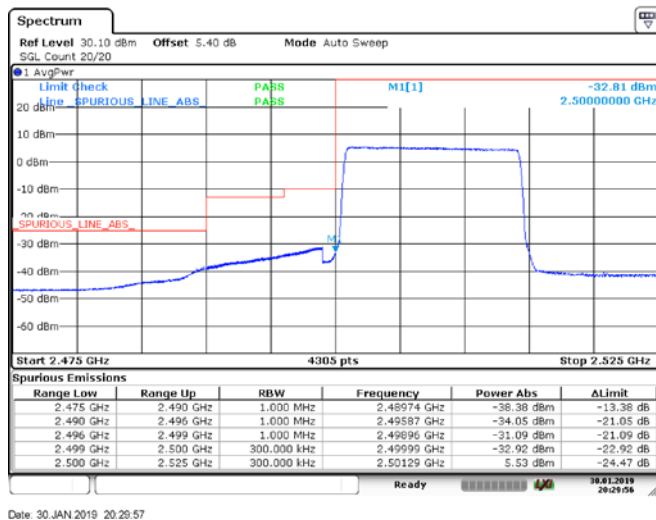


Band7_15MHz_QPSK_20825_1RB#0



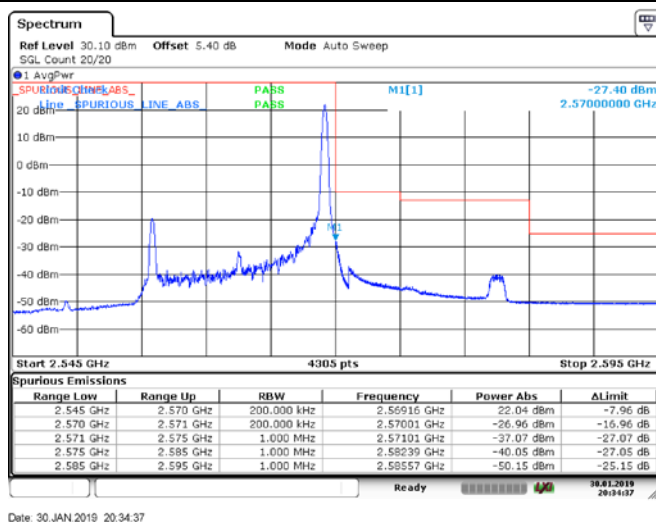


Band7_15MHz_QPSK_20825_75RB#0

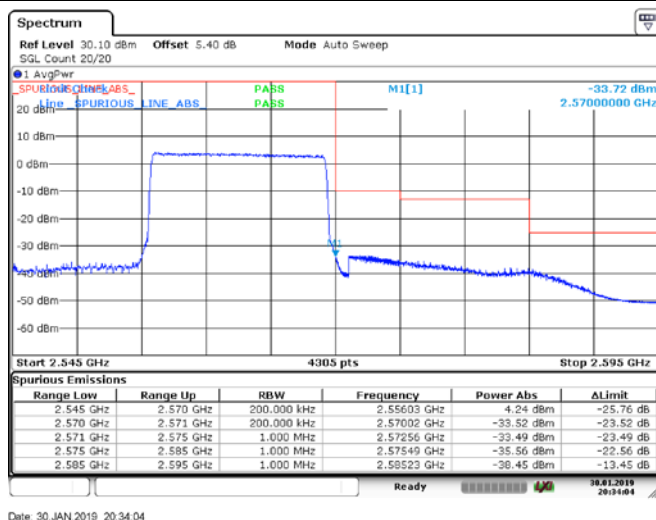


Band7_15MHz_QPSK_21375_1RB#74



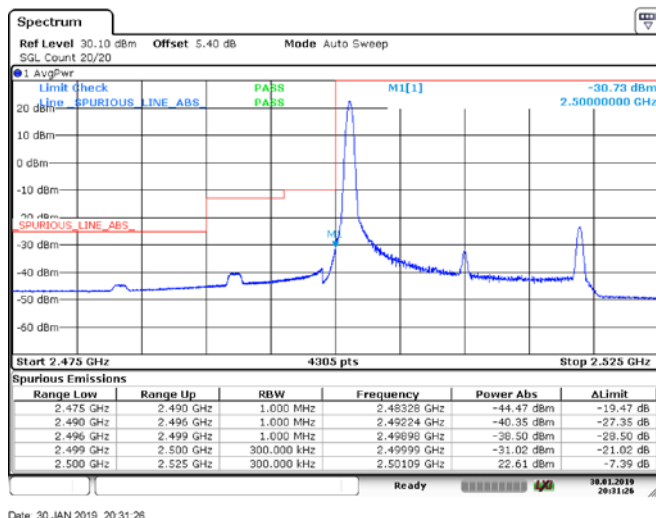


Band7_15MHz_QPSK_21375_75RB#0

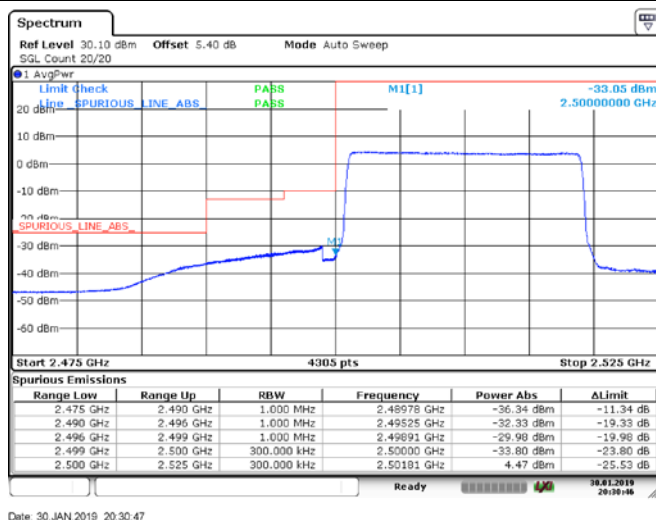


Band7_20MHz_QPSK_20850_1RB#0



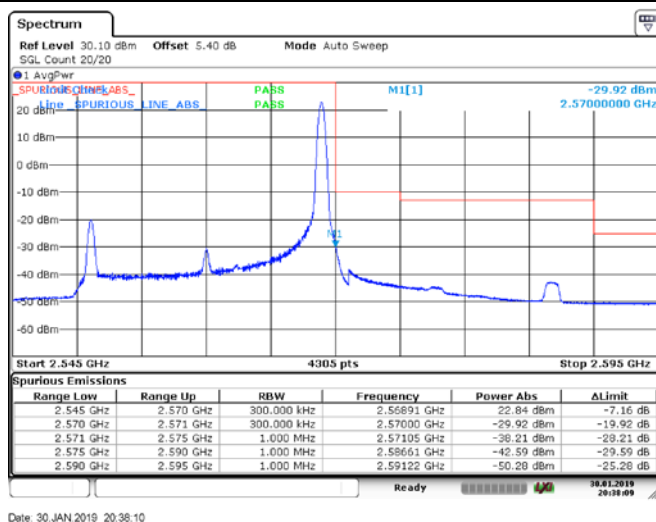


Band7_20MHz_QPSK_20850_100RB#0

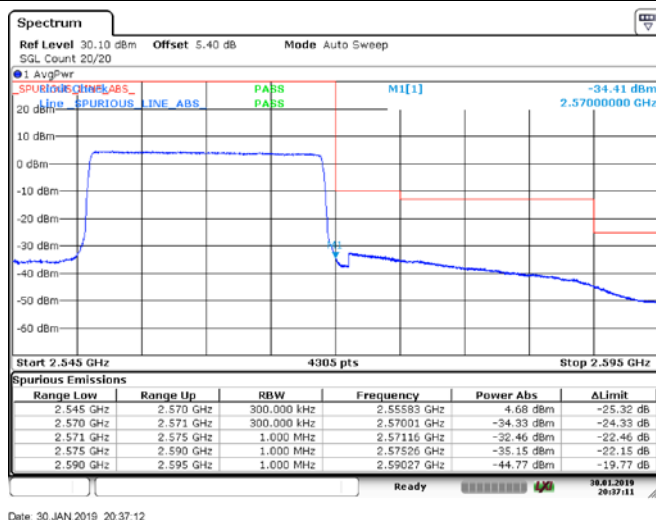


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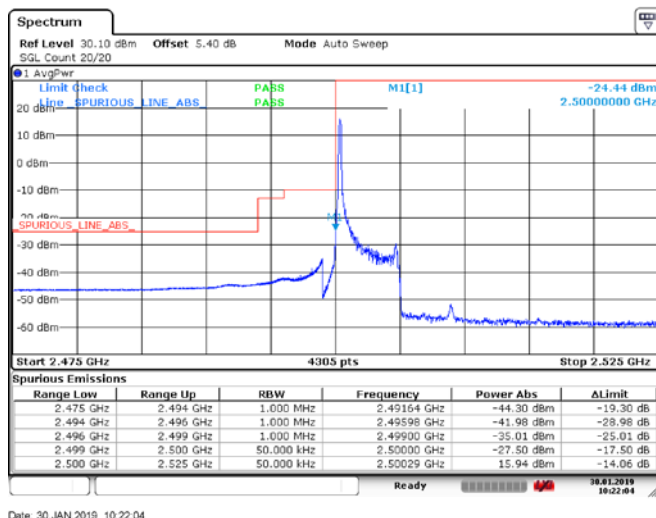


Band7_20MHz_QPSK_21350_100RB#0

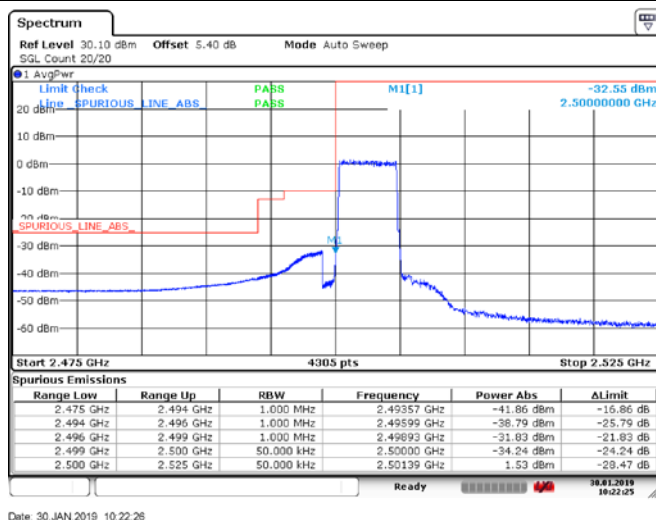


Band7_5MHz_64QAM_20775_1RB#0



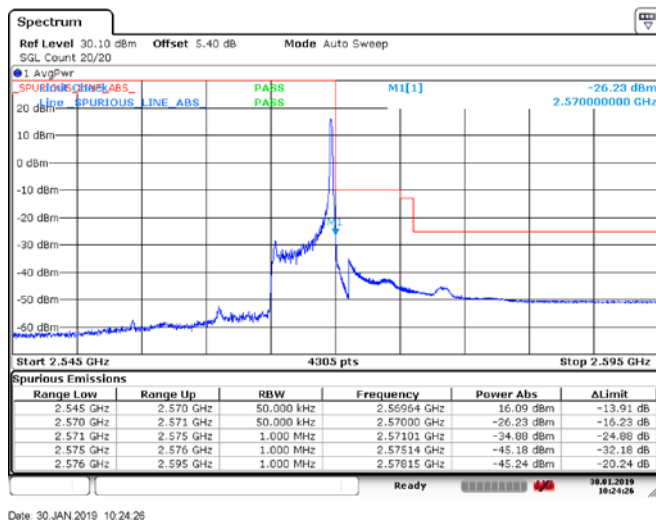


Band7_5MHz_64QAM_20775_25RB#0

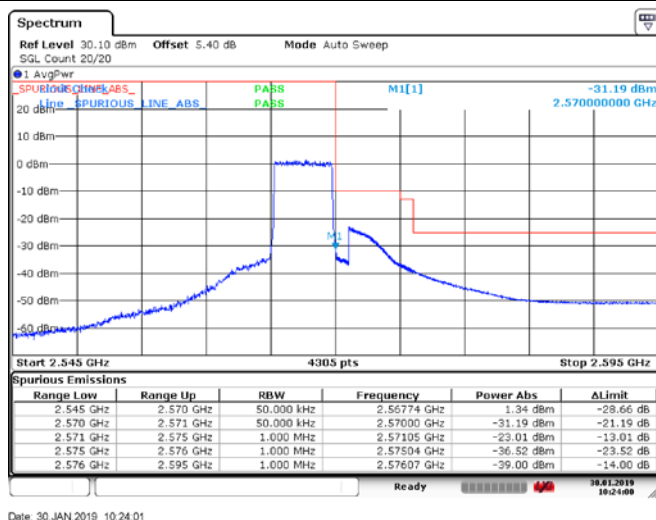


Band7_5MHz_64QAM_21425_1RB#24



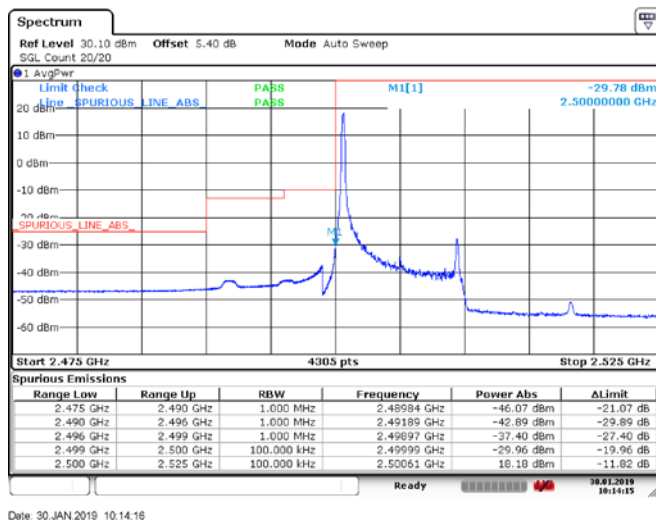


Band7_5MHz_64QAM_21425_25RB#0

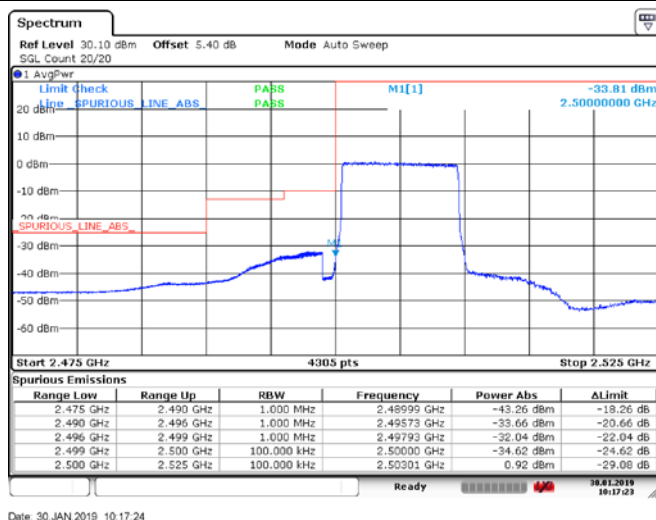


Band7_10MHz_64QAM_20800_1RB#0



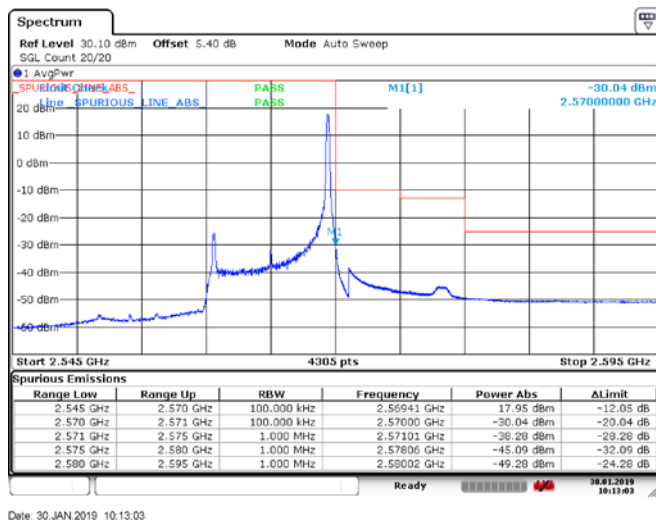


Band7_10MHz_64QAM_20800_50RB#0

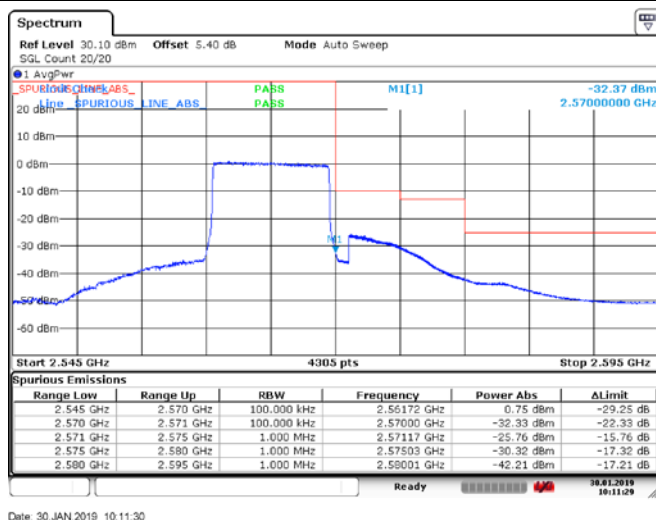


Band7_10MHz_64QAM_21400_1RB#49



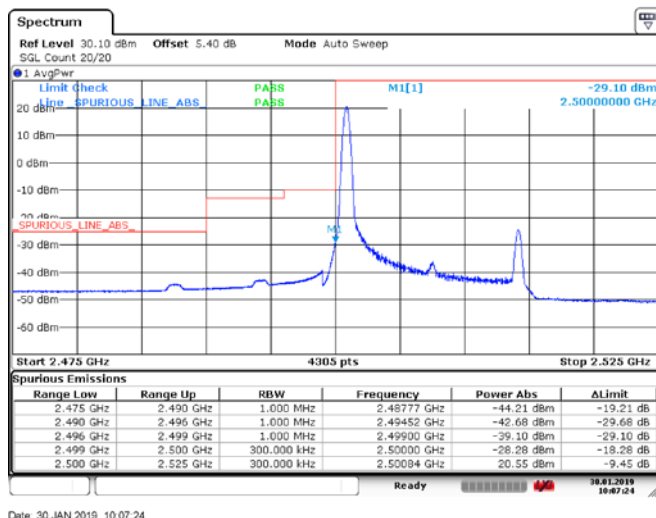


Band7_10MHz_64QAM_21400_50RB#0

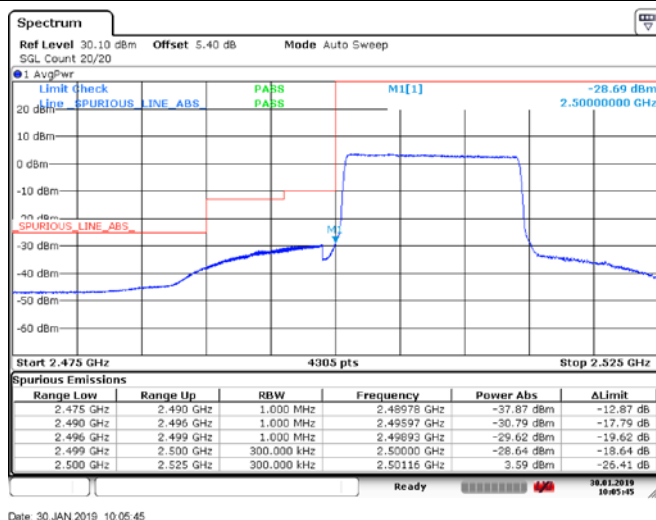


Band7_15MHz_64QAM_20825_1RB#0





Band7_15MHz_64QAM_20825_75RB#0



Band7_15MHz_64QAM_21375_1RB#74

