



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	Conducted	EIRP	Limit	Verdict
					Power(dBm)	(dBm)	(dBm)	
Band7	5MHz	QPSK	20775	1RB#0	22.35	21.45	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.61	21.71	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.37	21.47	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.56	20.66	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.47	20.57	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.57	20.67	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.53	20.63	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.41	21.51	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.46	21.56	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.68	21.78	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.57	20.67	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.63	20.73	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.59	20.69	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.57	20.67	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.62	21.72	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.36	21.46	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.35	21.45	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.5	20.60	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.57	20.67	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.56	20.66	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.52	20.62	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	20.45	19.55	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.47	19.57	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.64	19.74	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.46	18.56	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.56	18.66	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.57	18.67	33.00	PASS



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Band7	5MHz	64QAM	20775	25RB#0	19.54	18.64	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.51	19.61	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.83	19.93	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	20.48	19.58	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	19.55	18.65	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.61	18.71	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.51	18.61	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.55	18.65	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	20.4	19.50	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	20.71	19.81	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	20.38	19.48	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	19.49	18.59	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.51	18.61	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	19.46	18.56	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.5	18.60	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.57	20.67	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.62	20.72	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.82	20.92	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.57	19.67	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.57	19.67	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.46	19.56	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.52	19.62	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.68	20.78	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.03	21.13	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.62	20.72	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.56	19.66	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.63	19.73	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.59	19.69	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.59	19.69	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.56	20.66	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.51	20.61	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.77	20.87	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.53	19.63	33.00	PASS



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Band7	5MHz	16QAM	21425	12RB#6	20.58	19.68	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.5	19.60	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.51	19.61	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.49	21.59	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.58	21.68	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.48	21.58	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.58	20.68	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.5	20.60	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.64	20.74	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.59	20.69	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.65	21.75	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.52	21.62	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.57	21.67	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.66	20.76	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.57	20.67	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.62	20.72	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.62	20.72	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.42	21.52	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.56	21.66	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.48	21.58	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.53	20.63	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.58	20.68	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.55	20.65	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.55	20.65	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.63	19.73	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.62	19.72	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	20.51	19.61	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	19.5	18.60	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.6	18.70	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.64	18.74	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	19.57	18.67	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.63	19.73	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.66	19.76	33.00	PASS



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Band7	10MHz	64QAM	21100	1RB#24	20.77	19.87	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	19.57	18.67	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	19.6	18.70	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	19.66	18.76	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.65	18.75	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	20.63	19.73	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.53	19.63	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	20.64	19.74	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.55	18.65	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.55	18.65	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	19.53	18.63	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.56	18.66	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.58	20.68	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.83	20.93	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.65	20.75	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.58	19.68	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.48	19.58	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.64	19.74	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.55	19.65	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.89	20.99	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.76	20.86	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.95	21.05	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.57	19.67	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.65	19.75	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.62	19.72	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.63	19.73	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.7	20.80	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.61	20.71	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.82	20.92	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.55	19.65	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.53	19.63	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.51	19.61	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.55	19.65	33.00	PASS



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Band7	15MHz	QPSK	20825	1RB#74	22.39	21.49	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.52	21.62	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.4	21.50	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#39	21.62	20.72	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#18	21.57	20.67	33.00	PASS
Band7	15MHz	QPSK	20825	36RB#0	21.48	20.58	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.53	20.63	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.48	21.58	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.52	21.62	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.43	21.53	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#0	21.58	20.68	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#18	21.59	20.69	33.00	PASS
Band7	15MHz	QPSK	21100	36RB#39	21.62	20.72	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.6	20.70	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.44	21.54	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.44	21.54	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.33	21.43	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#0	21.54	20.64	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#18	21.53	20.63	33.00	PASS
Band7	15MHz	QPSK	21375	36RB#39	21.52	20.62	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.51	20.61	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.44	19.54	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.66	19.76	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.41	19.51	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#0	19.45	18.55	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#18	19.55	18.65	33.00	PASS
Band7	15MHz	64QAM	20825	36RB#39	19.61	18.71	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	19.51	18.61	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	20.64	19.74	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	20.48	19.58	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	20.56	19.66	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#39	19.58	18.68	33.00	PASS
Band7	15MHz	64QAM	21100	36RB#0	19.53	18.63	33.00	PASS



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Band7	15MHz	64QAM	21100	36RB#18	19.56	18.66	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	19.59	18.69	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	20.49	19.59	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.5	19.60	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	20.46	19.56	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#18	19.48	18.58	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#0	19.5	18.60	33.00	PASS
Band7	15MHz	64QAM	21375	36RB#39	19.49	18.59	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	19.49	18.59	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.7	20.80	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.51	20.61	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.61	20.71	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#0	20.45	19.55	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#39	20.59	19.69	33.00	PASS
Band7	15MHz	16QAM	20825	36RB#18	20.53	19.63	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.53	19.63	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.72	20.82	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.6	20.70	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.67	20.77	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#0	20.52	19.62	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#18	20.54	19.64	33.00	PASS
Band7	15MHz	16QAM	21100	36RB#39	20.59	19.69	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.61	19.71	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.7	20.80	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.66	20.76	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.55	20.65	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#0	20.52	19.62	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#18	20.51	19.61	33.00	PASS
Band7	15MHz	16QAM	21375	36RB#39	20.47	19.57	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.49	19.59	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.23	21.33	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.61	21.71	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.22	21.32	33.00	PASS



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Band7	20MHz	QPSK	20850	50RB#25	21.58	20.68	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.4	20.50	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.65	20.75	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.48	20.58	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.17	21.27	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.32	21.42	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.62	21.72	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.52	20.62	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.62	20.72	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.62	20.72	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.58	20.68	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.53	21.63	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.3	21.40	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.14	21.24	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.54	20.64	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.55	20.65	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.45	20.55	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.5	20.60	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.25	19.35	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.65	19.75	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	20.26	19.36	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.63	18.73	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.39	18.49	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	19.58	18.68	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.46	18.56	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	20.37	19.47	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.7	19.80	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.27	19.37	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.51	18.61	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.62	18.72	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	19.64	18.74	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	19.6	18.70	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	20.26	19.36	33.00	PASS



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Band7	20MHz	64QAM	21350	1RB#0	20.4	19.50	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	20.68	19.78	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.54	18.64	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.46	18.56	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.5	18.60	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	19.48	18.58	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.38	20.48	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.89	20.99	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.49	20.59	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.39	19.49	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.55	19.65	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.62	19.72	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.45	19.55	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.52	20.62	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.43	20.53	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.83	20.93	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.49	19.59	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.62	19.72	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.6	19.70	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.58	19.68	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.57	20.67	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.34	20.44	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.77	20.87	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.42	19.52	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.52	19.62	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.52	19.62	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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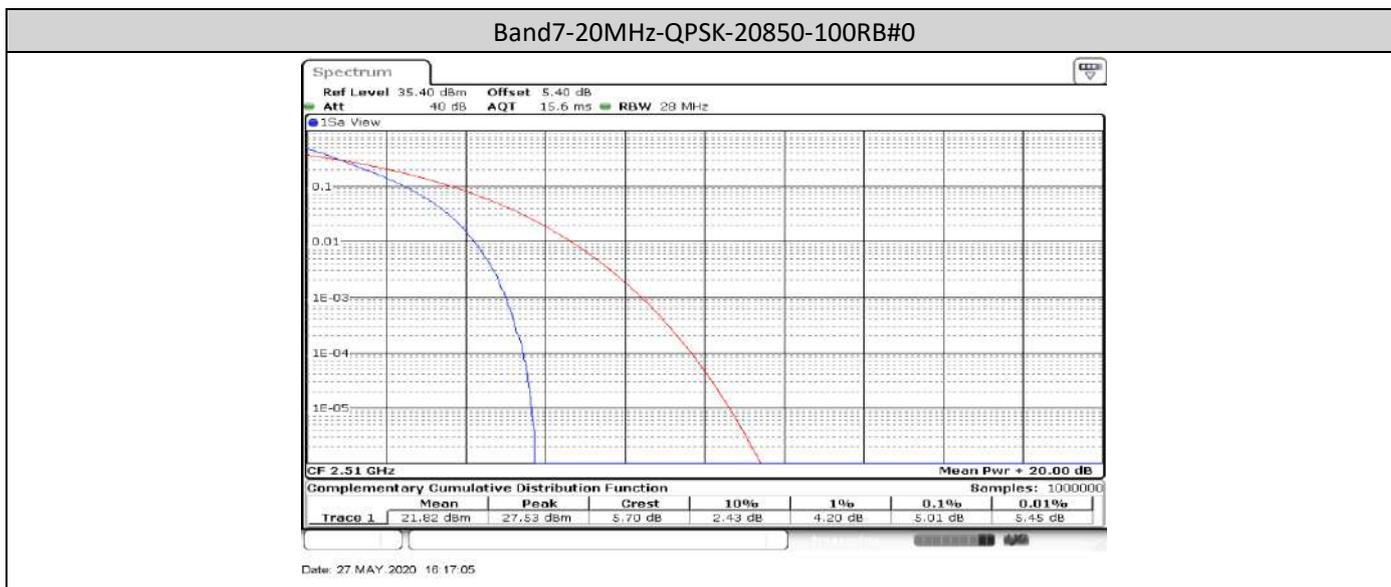


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	5.01	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.33	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.22	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.32	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.49	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.41	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.88	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.17	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.09	13	PASS

2.2. Test Plots



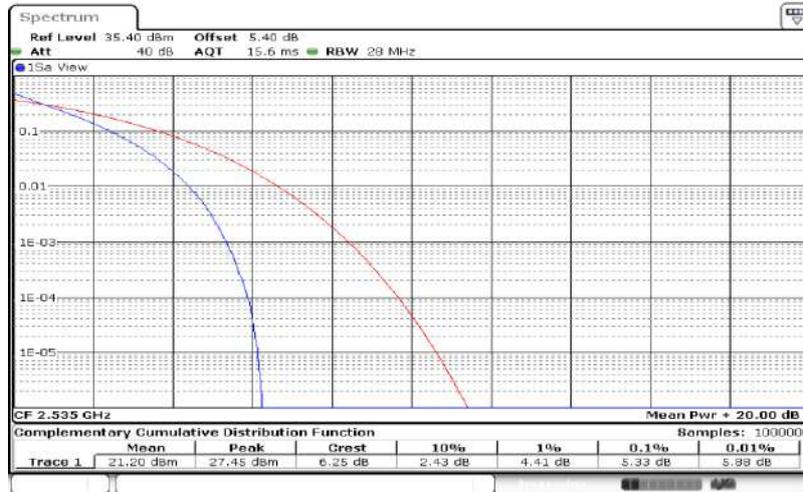
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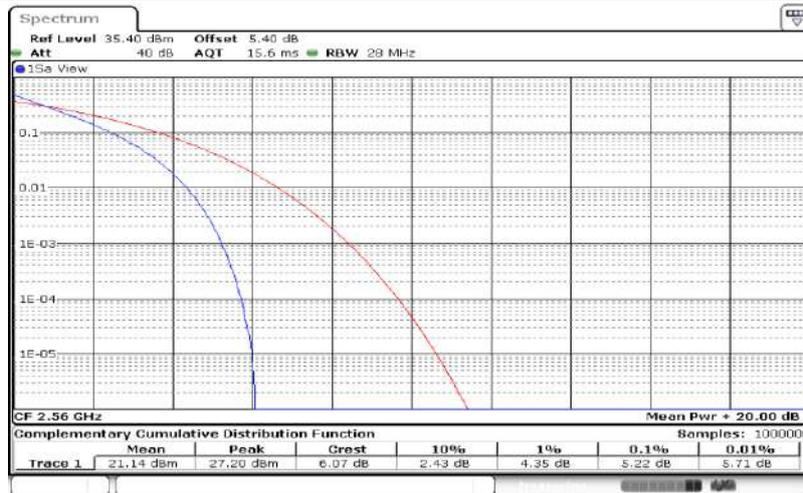
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Band7-20MHz-QPSK-21100-100RB#0



Date: 27 MAY 2020 16:17:27

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

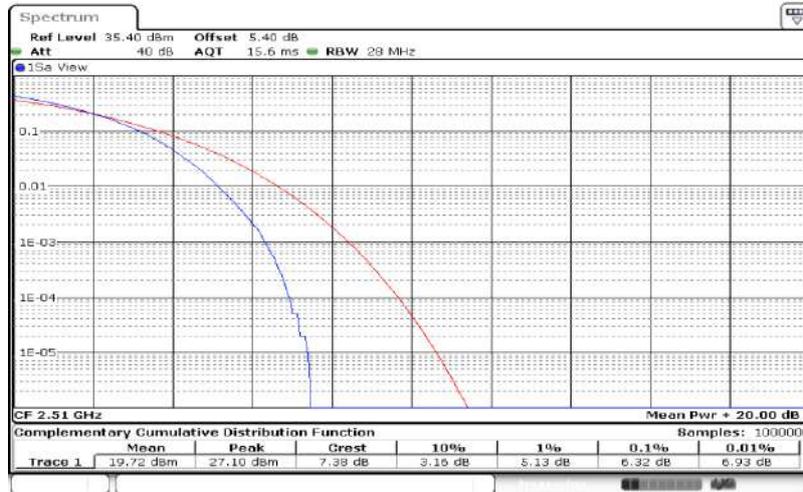


Date: 27 MAY 2020 16:17:50



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



Date: 26 MAY 2020 03:00:23

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



Date: 26 MAY 2020 03:00:35



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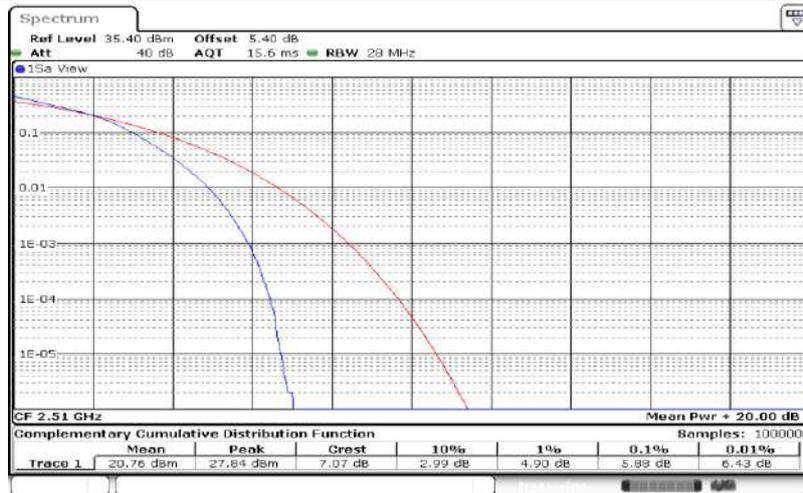
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Band7-20MHz-64QAM-21350-100RB#0



Date: 26 MAY 2020 03:00:46

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



Date: 27 MAY 2020 16:17:16



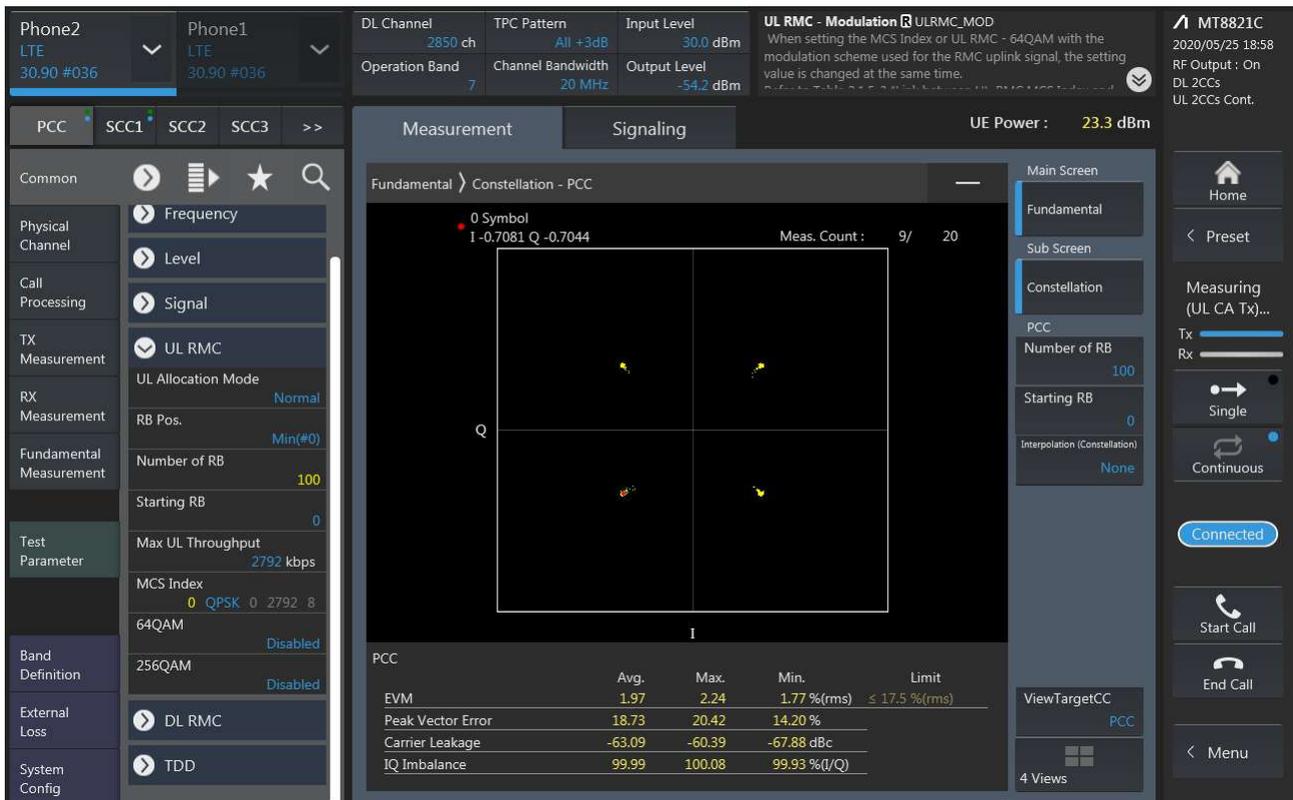
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3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH

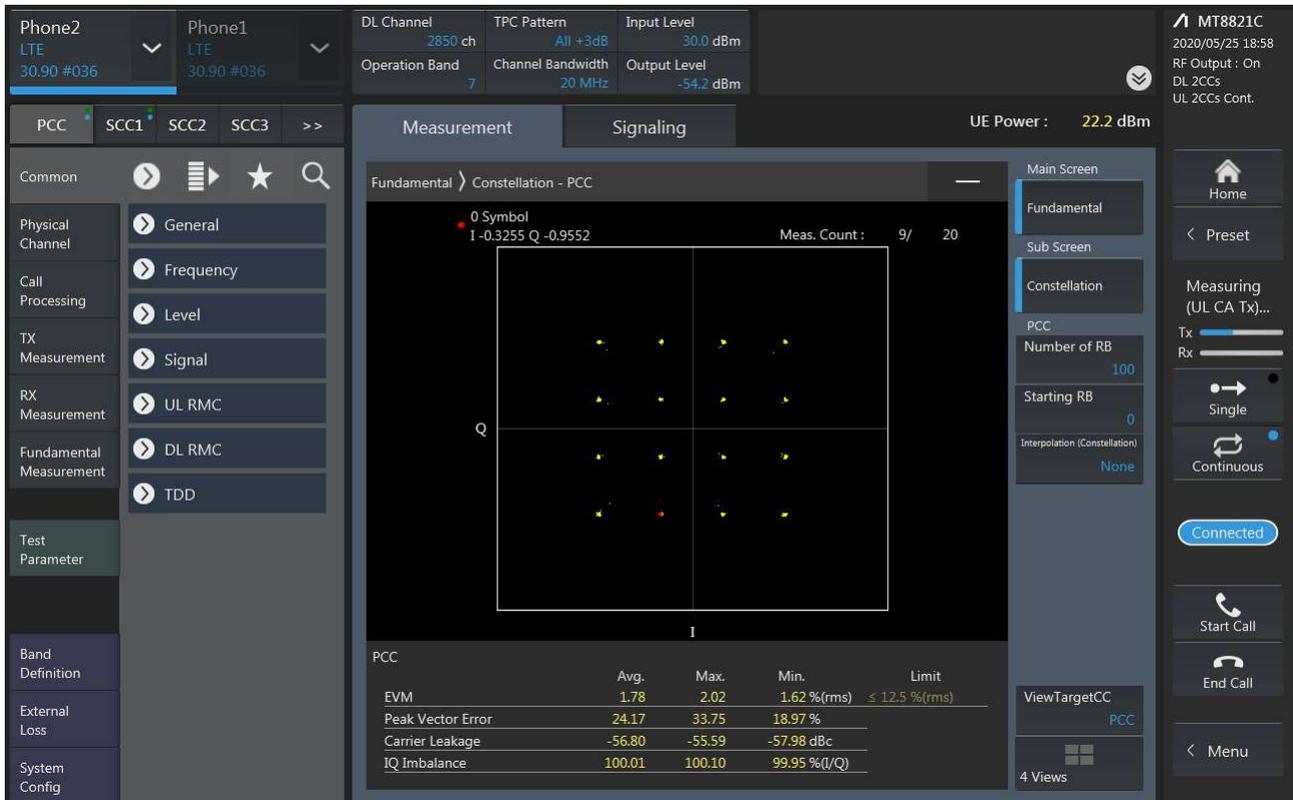


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3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



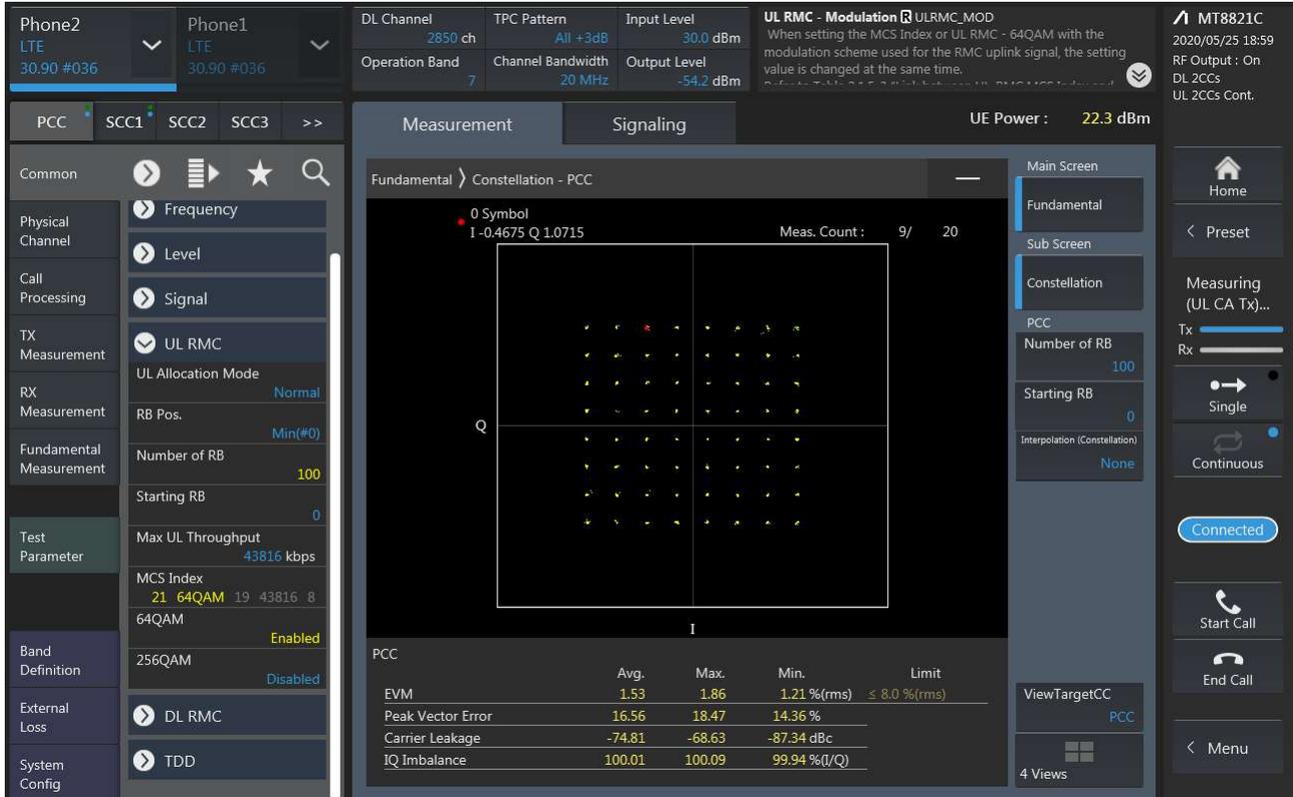
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3.1.3. Test Mode = LTE /TM3 20MHz

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	4.466	4.840	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.466	4.850	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.840	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.810	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.466	4.830	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.820	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.476	4.860	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	5.290	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.486	4.850	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.600	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.600	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.911	9.600	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.931	9.520	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.540	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.560	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.560	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.580	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.931	9.600	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.427	14.730	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.427	14.580	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.427	14.730	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.427	14.700	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.760	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.427	14.700	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.427	14.670	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	14.580	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.700	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	19.240	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.862	19.280	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	19.280	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.862	19.120	PASS



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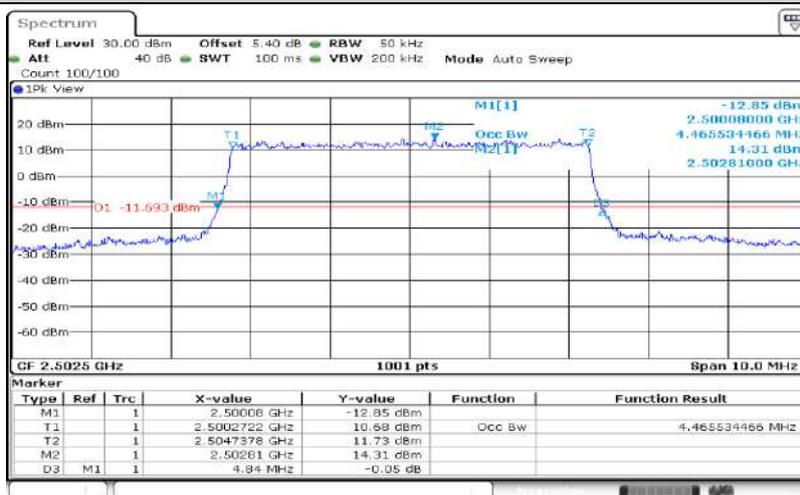
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Band7	20MHz	64QAM	21100	100RB#0	17.862	19.280	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.862	19.280	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.862	19.160	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.862	19.280	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.280	PASS

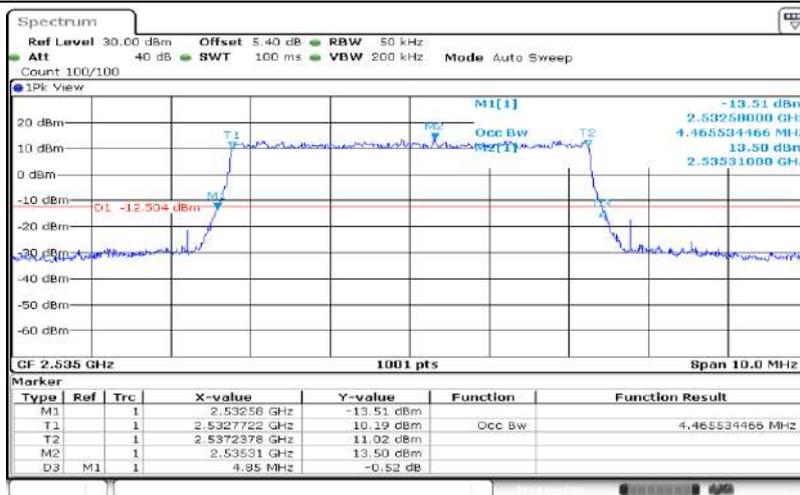
4.2. Test Plots

Band7-5MHz-QPSK-20775-25RB#0-4.466



Date: 27 MAY 2020 15:55:05

Band7-5MHz-QPSK-21100-25RB#0-4.466

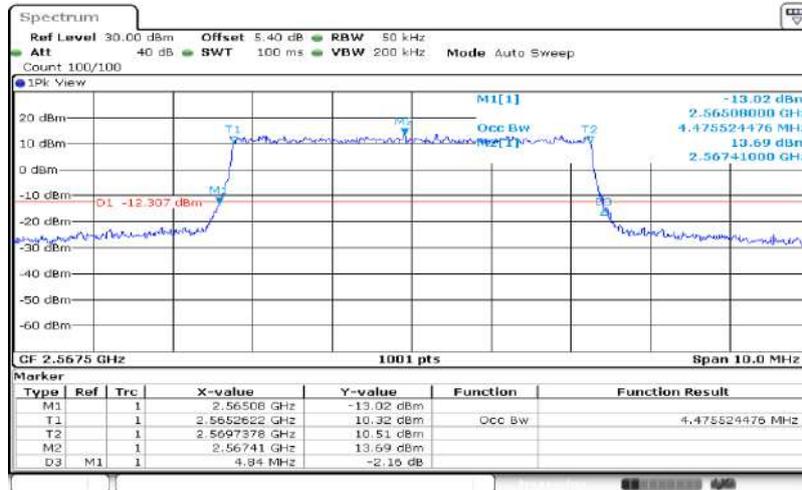


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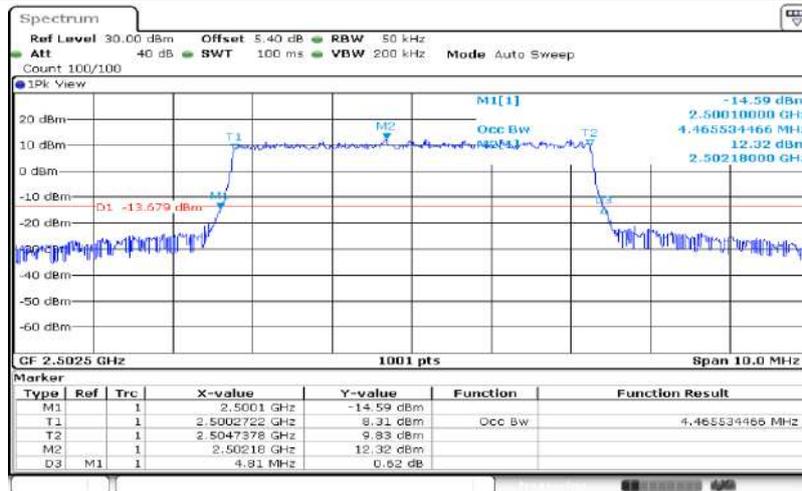
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Band7-5MHz-QPSK-21425-25RB#0-4.476



Date: 27 MAY 2020 15:58:25

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

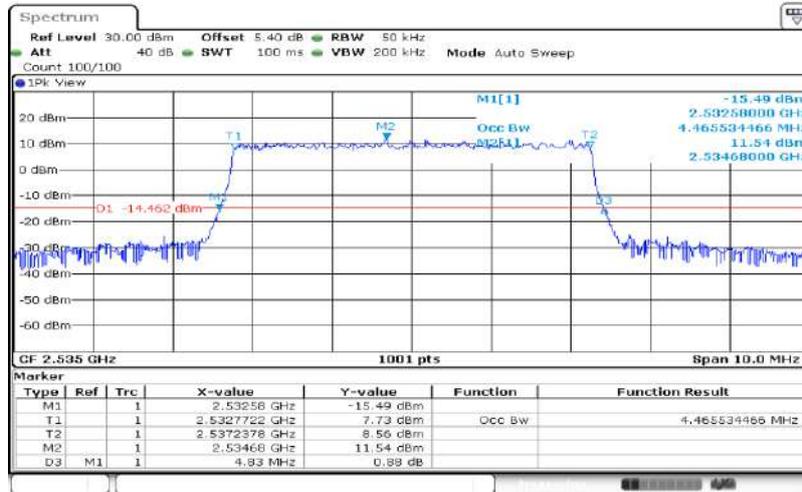


Date: 28 MAY 2020 02:47:56



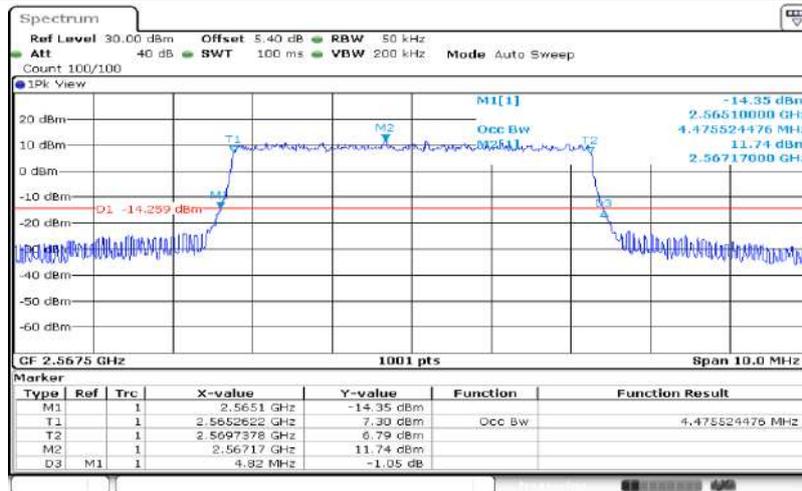
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Band7-5MHz-64QAM-21100-25RB#0-4.466



Date: 26 MAY 2020 02:48:16

Band7-5MHz-64QAM-21425-25RB#0-4.476



Date: 26 MAY 2020 02:48:36

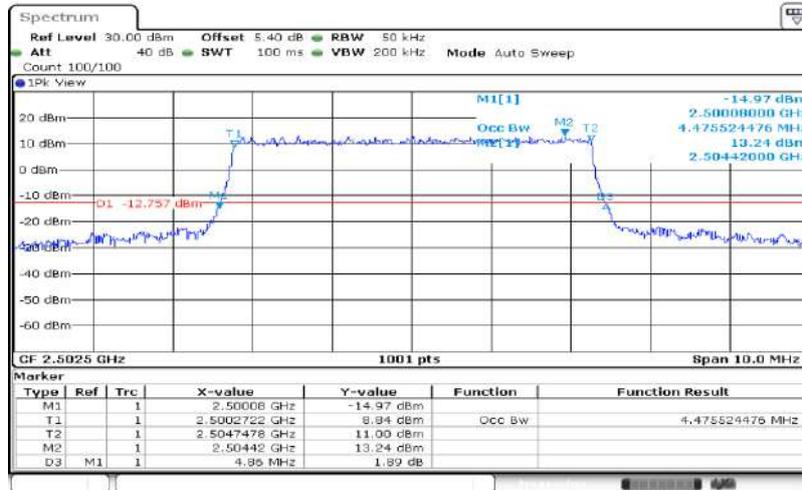


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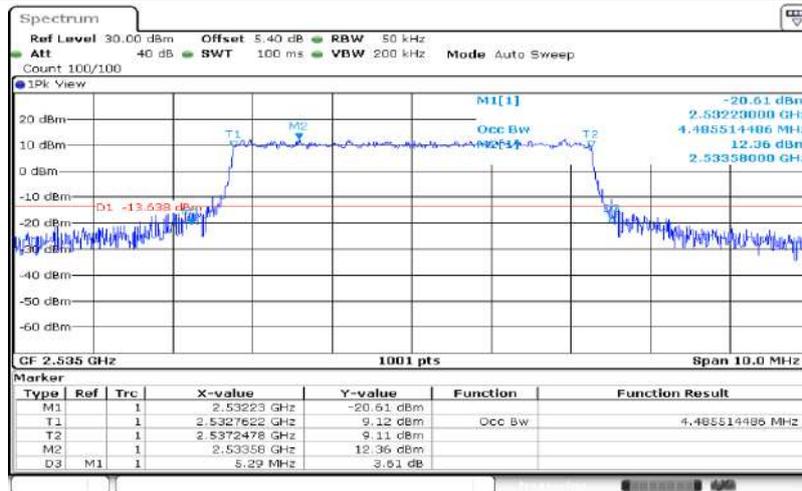


Band7-5MHz-16QAM-20775-25RB#0-4.476



Date: 27 MAY 2020 15:55:25

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

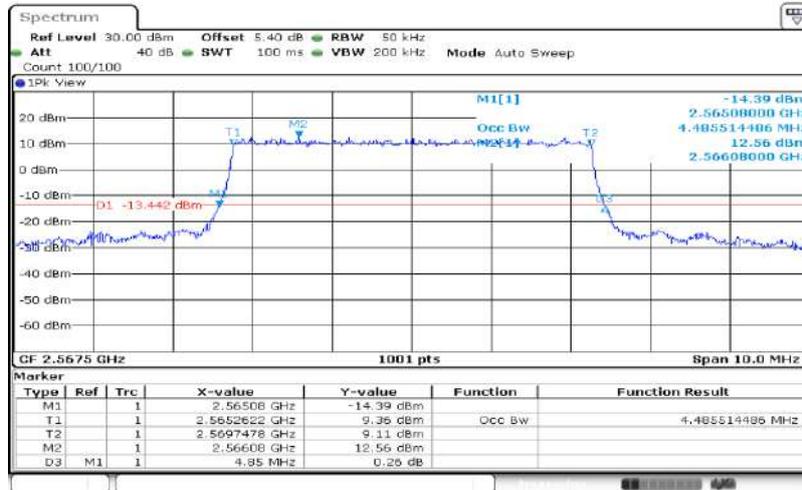


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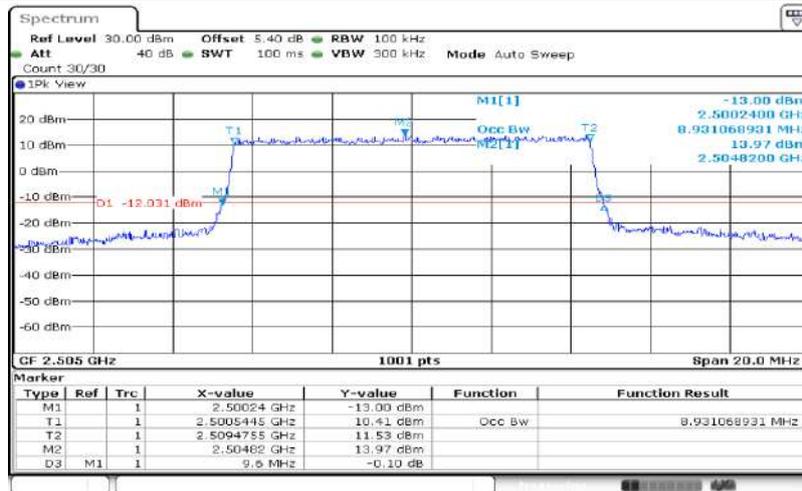
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Band7-5MHz-16QAM-21425-25RB#0-4.486



Date: 27 MAY 2020 15:56:44

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



Date: 27 MAY 2020 15:57:02

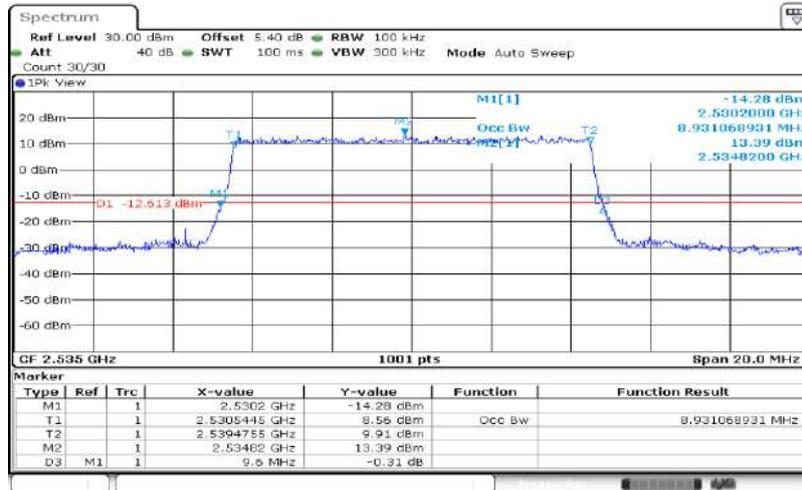


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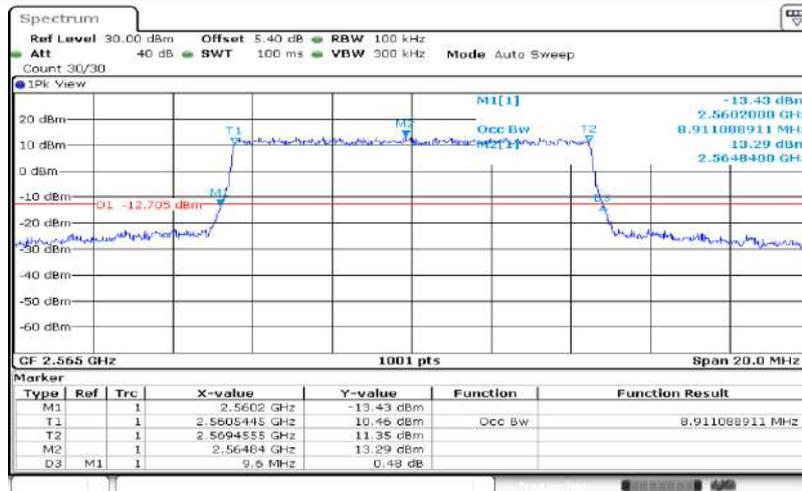
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Band7-10MHz-QPSK-21100-50RB#0-8.931



Date: 27 MAY 2020 15:57:28

Band7-10MHz-QPSK-21400-50RB#0-8.911

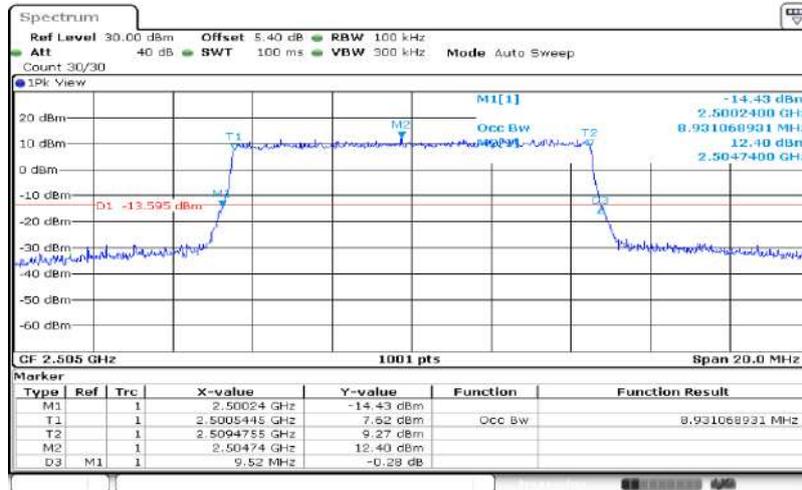


Date: 27 MAY 2020 15:57:54



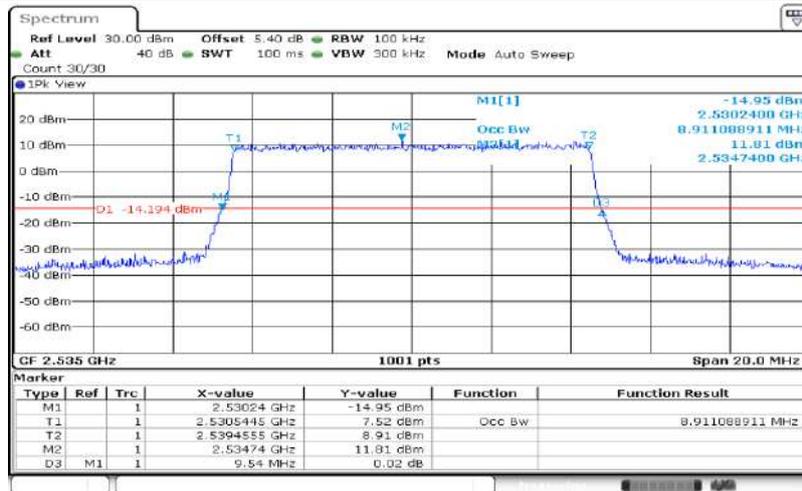
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Band7-10MHz-64QAM-20800-50RB#0-8.931



Date: 26 MAY 2020 02:48:53

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

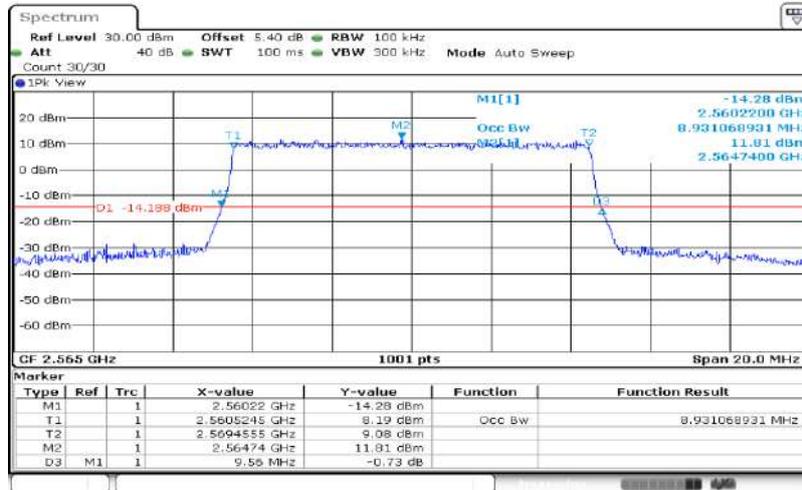


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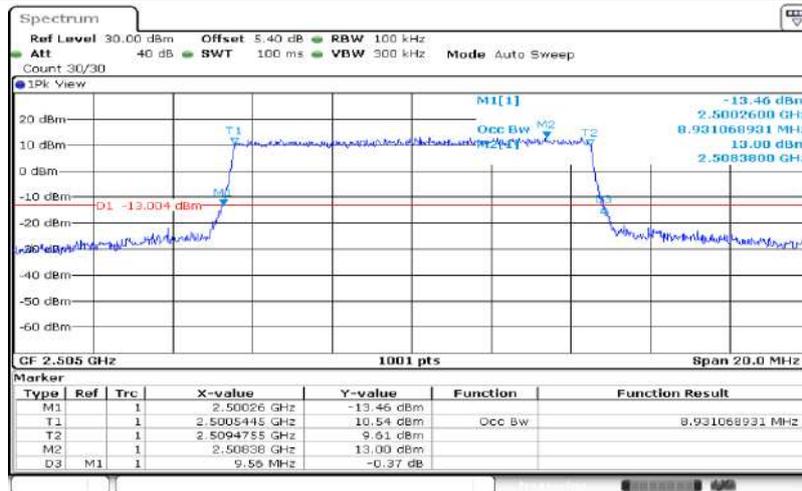
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Band7-10MHz-64QAM-21400-50RB#0-8.931



Date: 26 MAY 2020 02:49:19

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

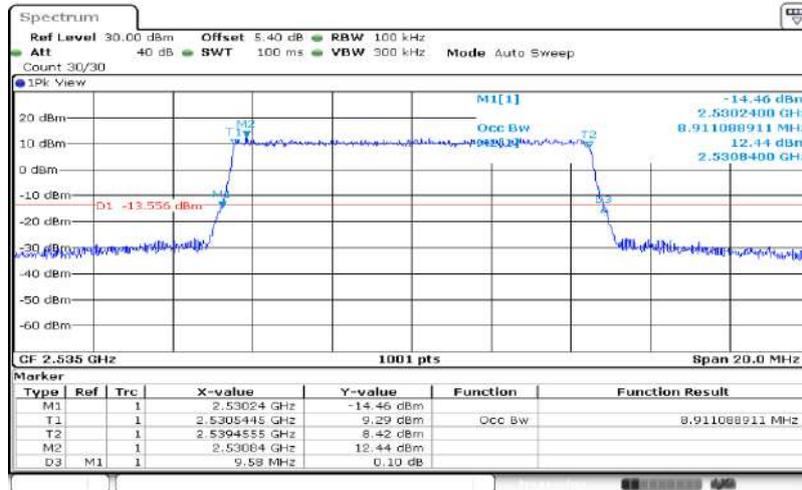


Date: 27 MAY 2020 15:57:15



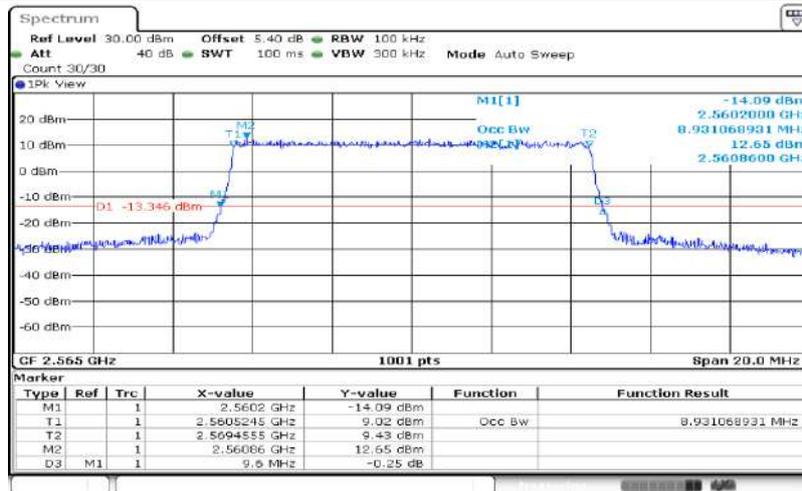
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Band7-10MHz-16QAM-21100-50RB#0-8.911



Date: 27 MAY 2020 15:57:41

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

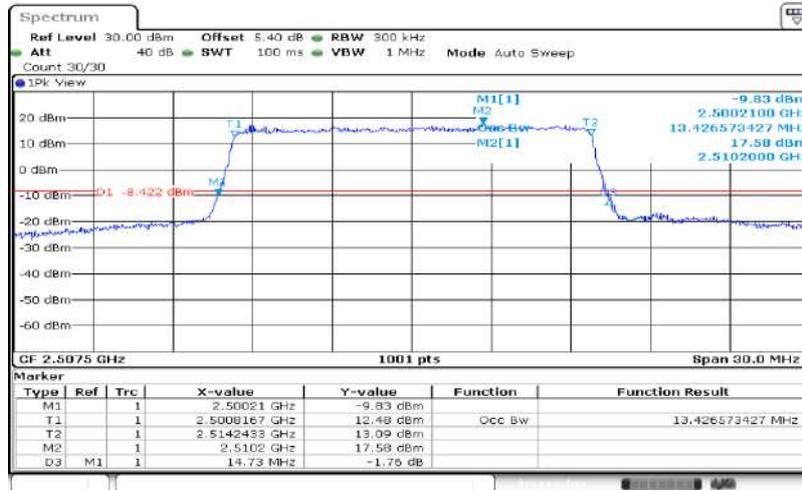


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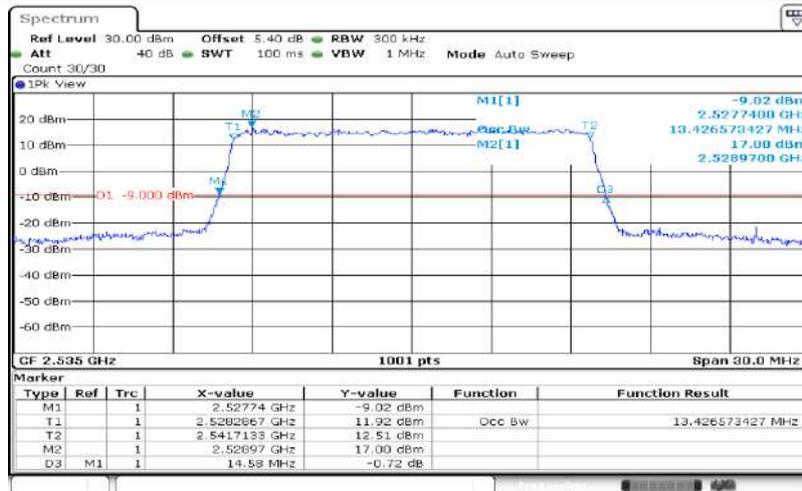
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Band7-15MHz-QPSK-20825-75RB#0-13.427



Date: 27 MAY 2020 15:58:24

Band7-15MHz-QPSK-21100-75RB#0-13.427

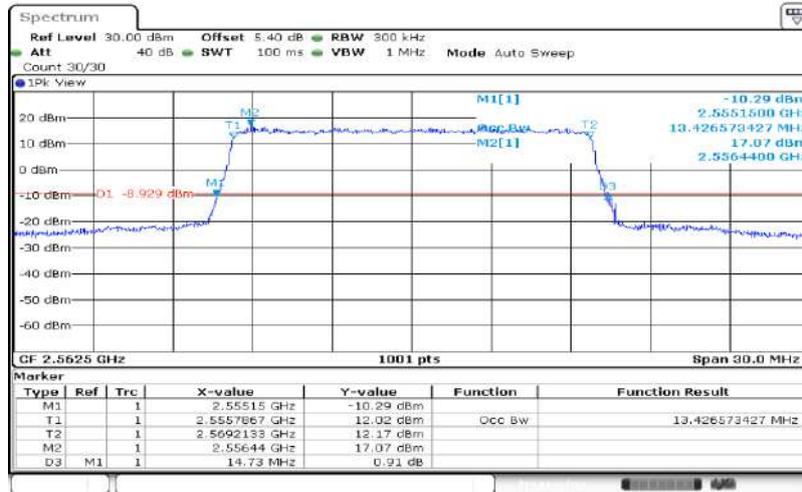


Date: 27 MAY 2020 15:58:50



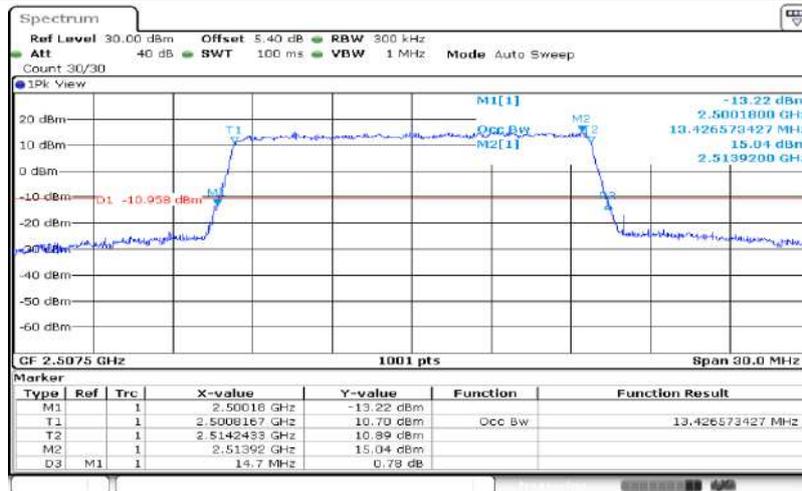
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Band7-15MHz-QPSK-21375-75RB#0-13.427



Date: 27 MAY 2020 15:59:16

Band7-15MHz-64QAM-20825-75RB#0-13.427



Date: 26 MAY 2020 02:49:37



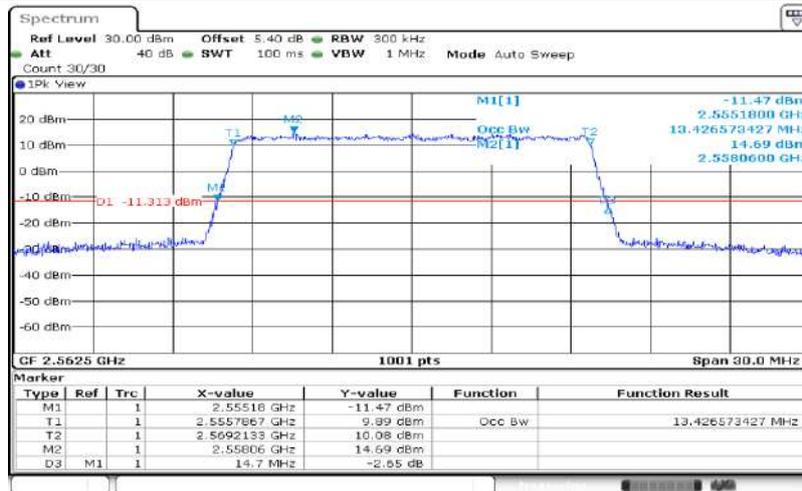
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Band7-15MHz-64QAM-21100-75RB#0-13.427



Date: 26 MAY 2020 02:49:52

Band7-15MHz-64QAM-21375-75RB#0-13.427

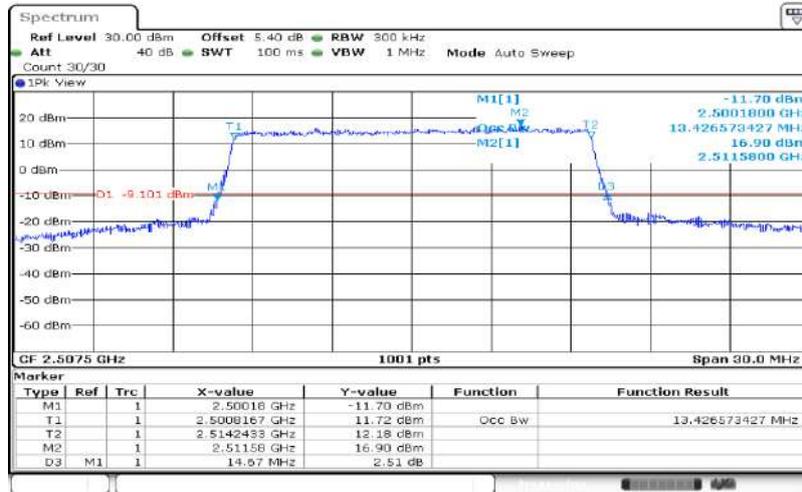


Date: 26 MAY 2020 02:50:05



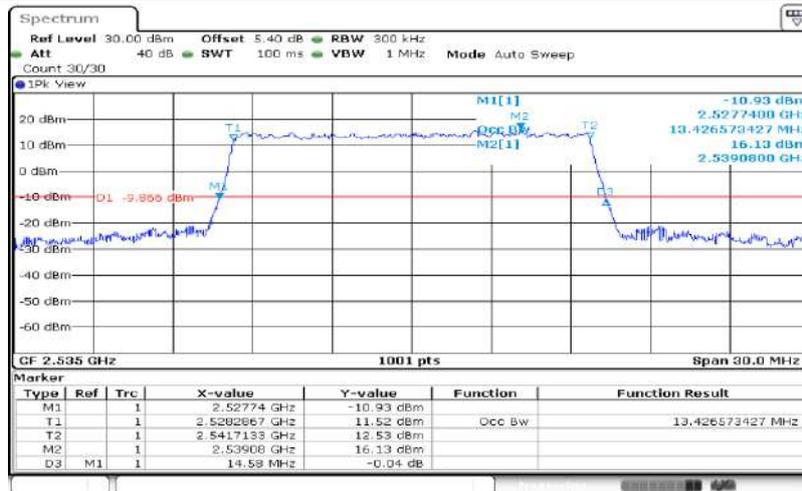
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Band7-15MHz-16QAM-20825-75RB#0-13.427



Date: 27 MAY 2020 15:58:37

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

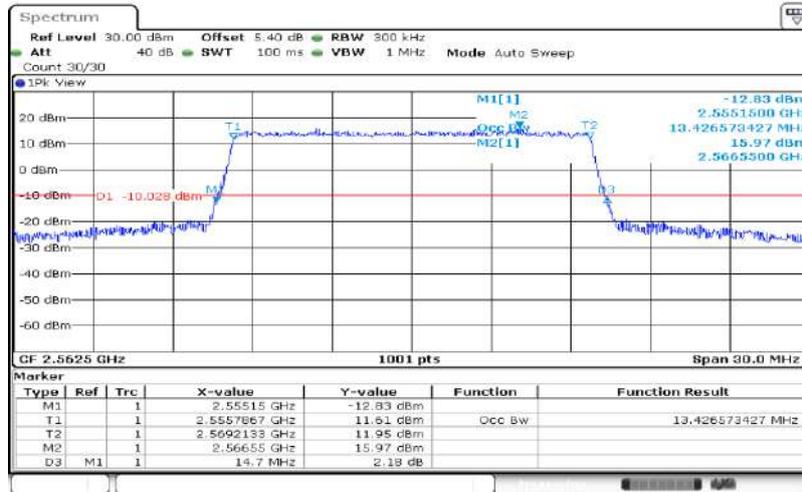


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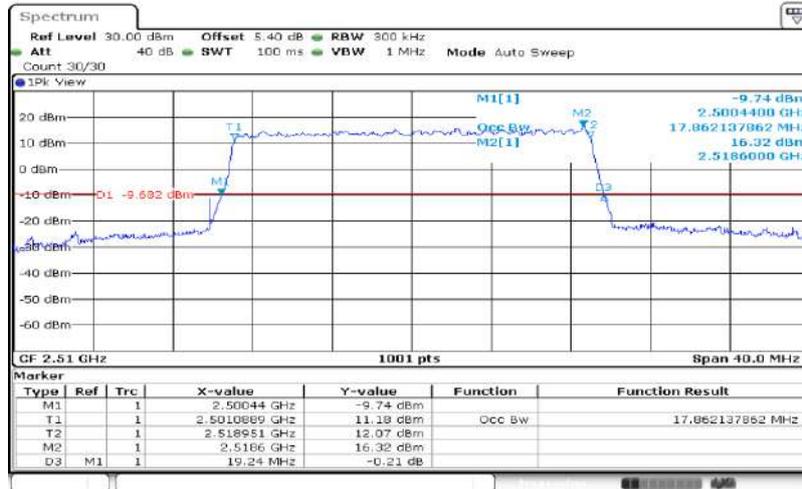
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Band7-15MHz-16QAM-21375-75RB#0-13.427



Date: 27 MAY 2020 15:58:29

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

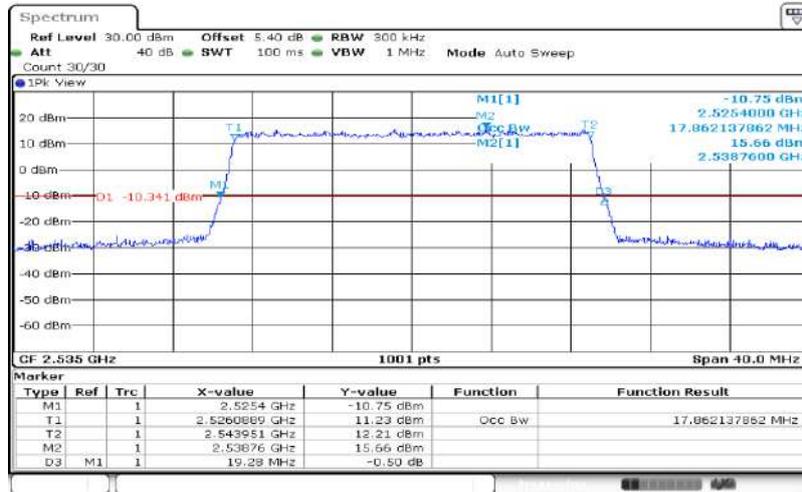


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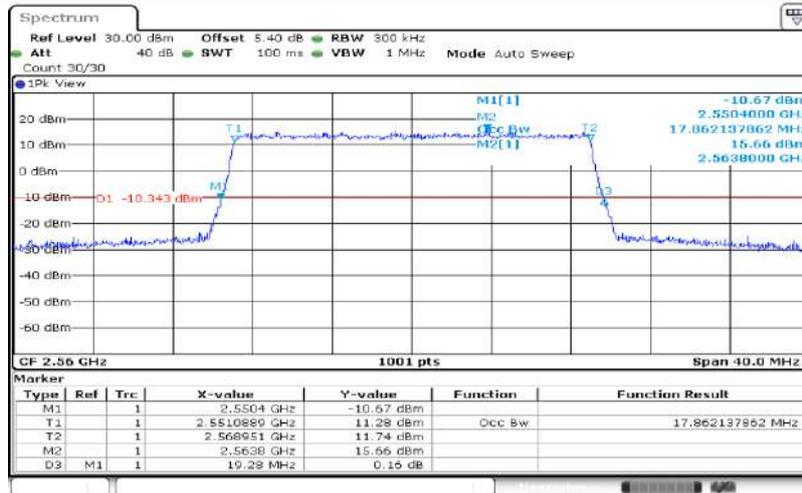
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Band7-20MHz-QPSK-21100-100RB#0-17.862



Date: 27 MAY 2020 16:00:13

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



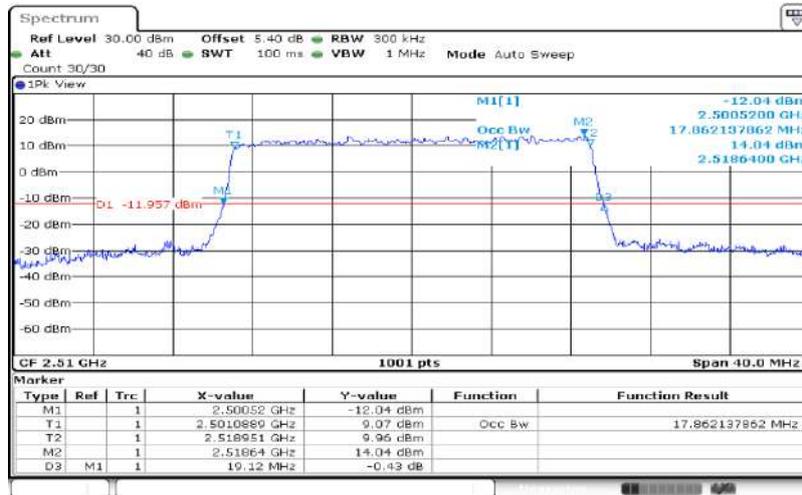
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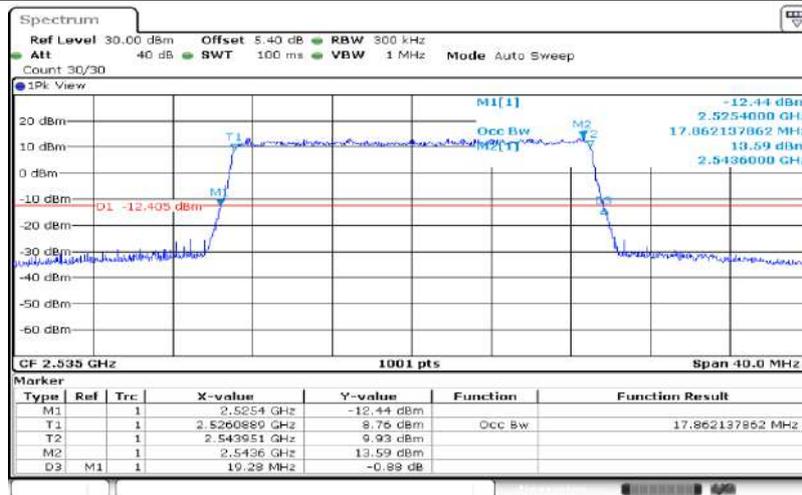
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Band7-20MHz-64QAM-20850-100RB#0-17.862



Date: 28 MAY 2020 02:50:30

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



Date: 28 MAY 2020 02:50:43



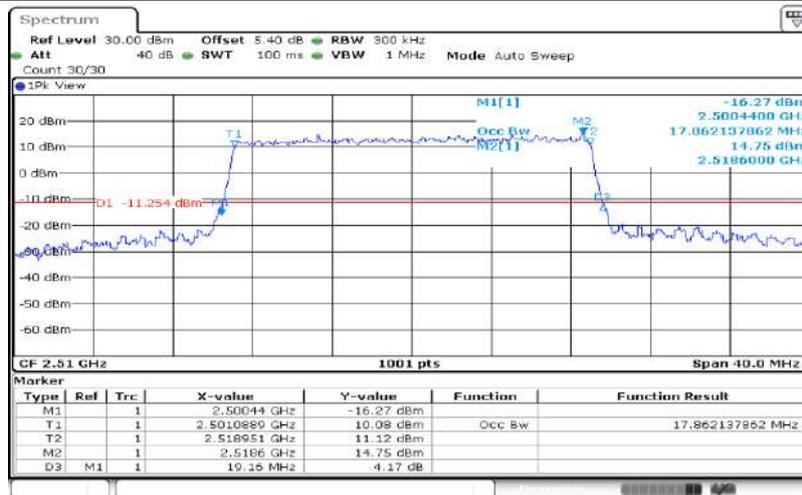
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Band7-20MHz-64QAM-21350-100RB#0-17.862



Date: 26 MAY 2020 02:50:56

Band7-20MHz-16QAM-20850-100RB#0-17.862



Date: 27 MAY 2020 16:00:00



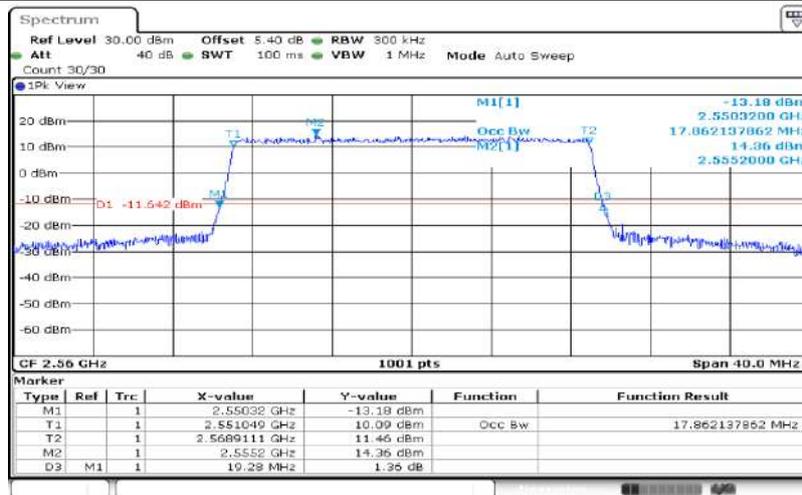
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Band7-20MHz-16QAM-21100-100RB#0-17.862



Date: 27 MAY 2020 16:00:26

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



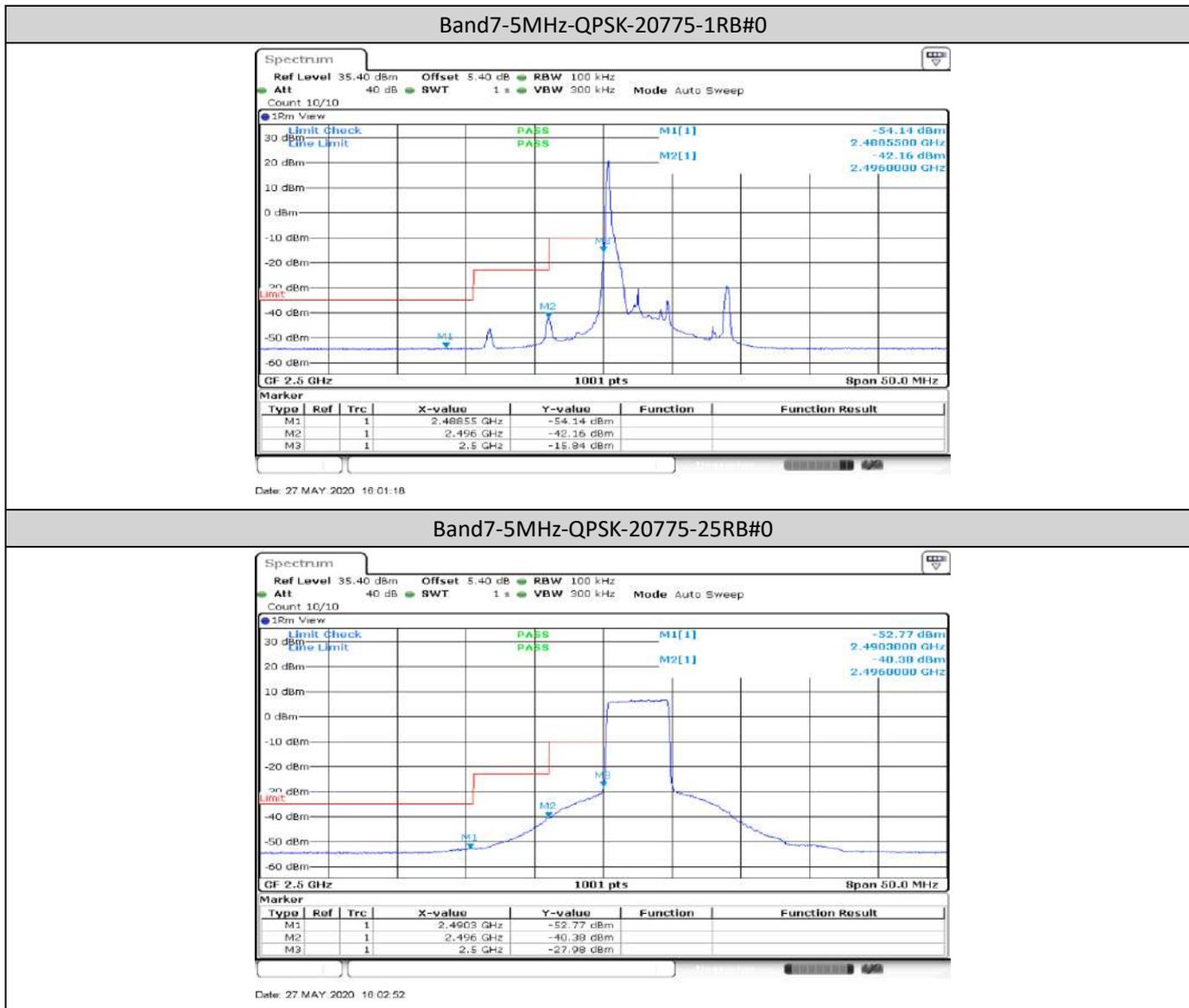
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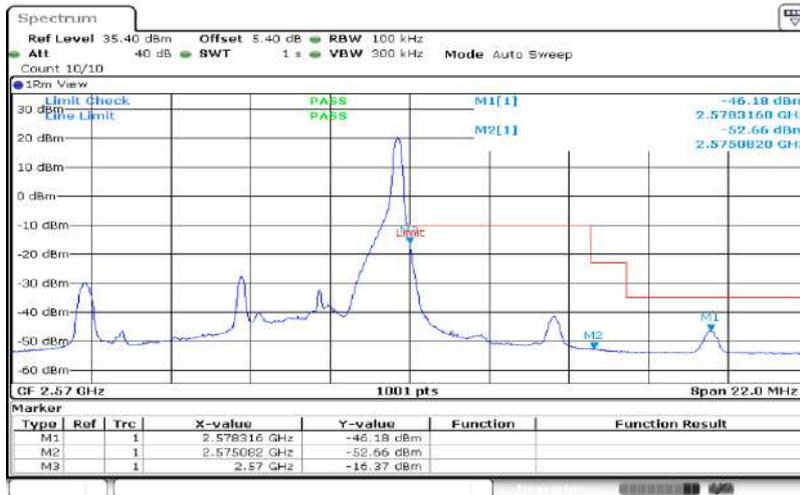
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5. Band Edge Compliance

5.1. Test Plots

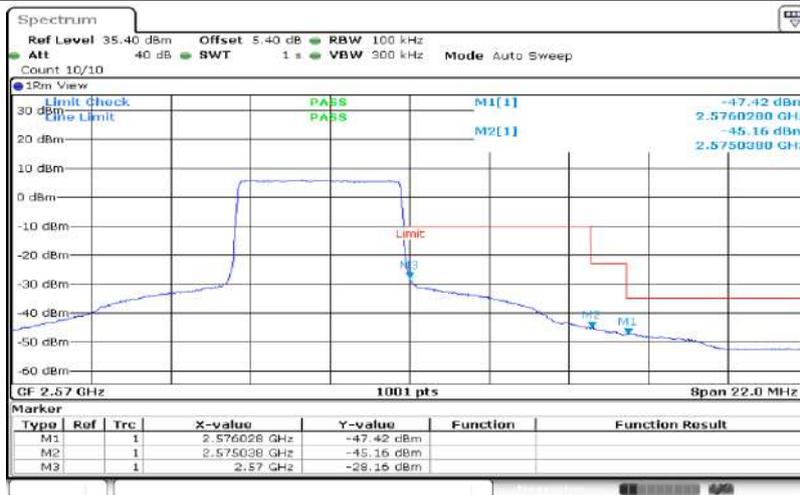


Band7-5MHz-QPSK-21425-1RB#24



Date: 27 MAY 2020 16:02:06

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

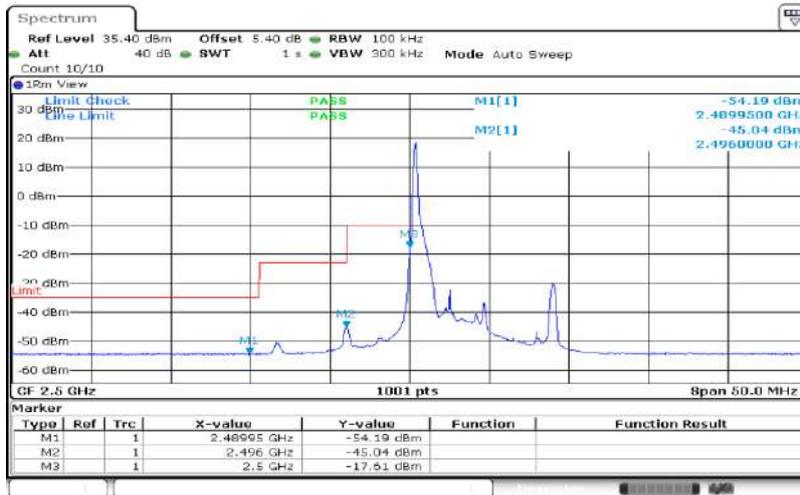


Date: 27 MAY 2020 16:03:36



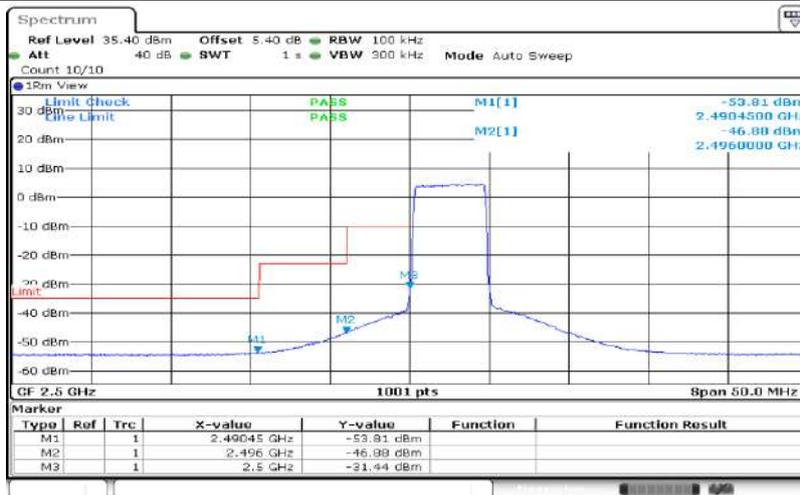
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Band7-5MHz-64QAM-20775-1RB#0



Date: 28 MAY 2020 02:51:31

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

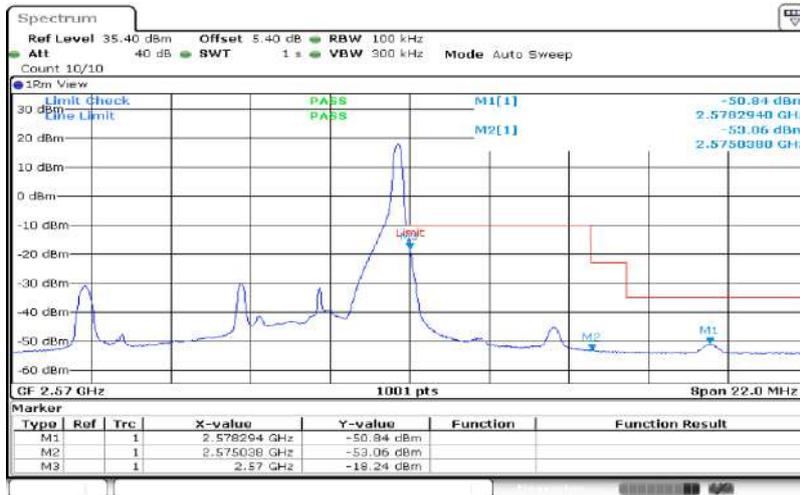


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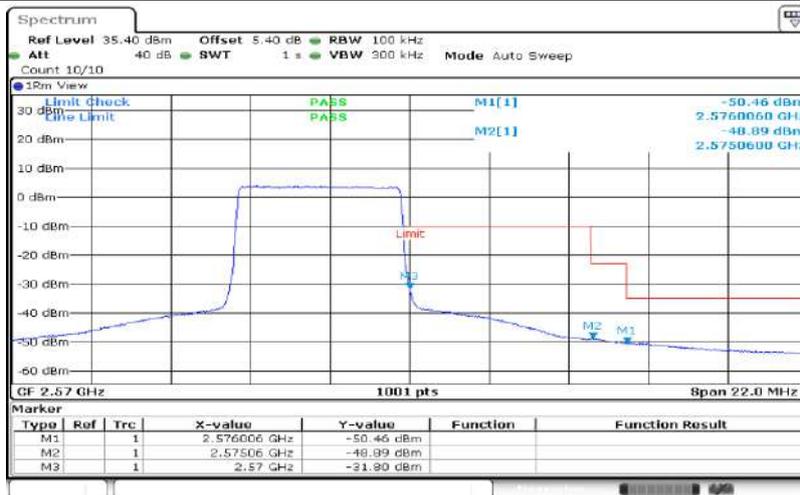
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Band7-5MHz-64QAM-21425-1RB#24



Date: 28 MAY 2020 02:51:57

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

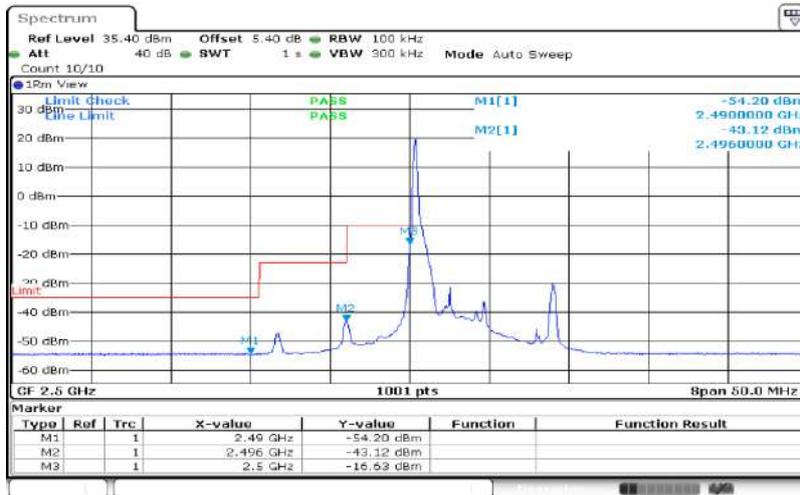


Date: 28 MAY 2020 02:52:56



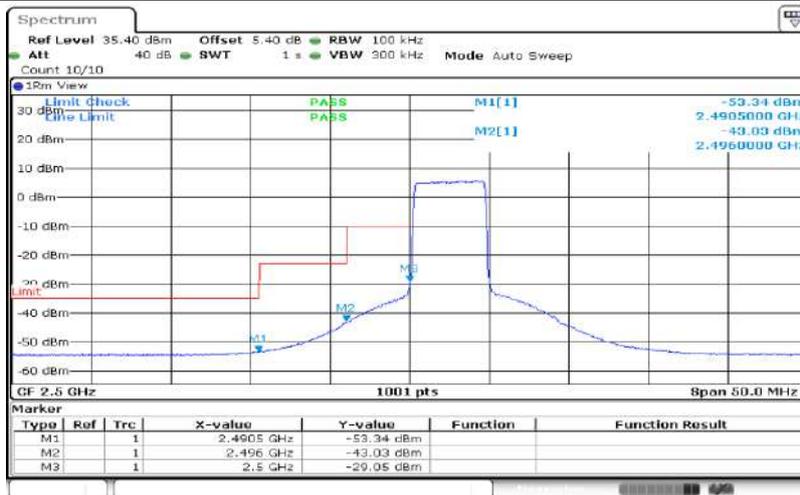
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Band7-5MHz-16QAM-20775-1RB#0



Date: 27 MAY 2020 16:01:40

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

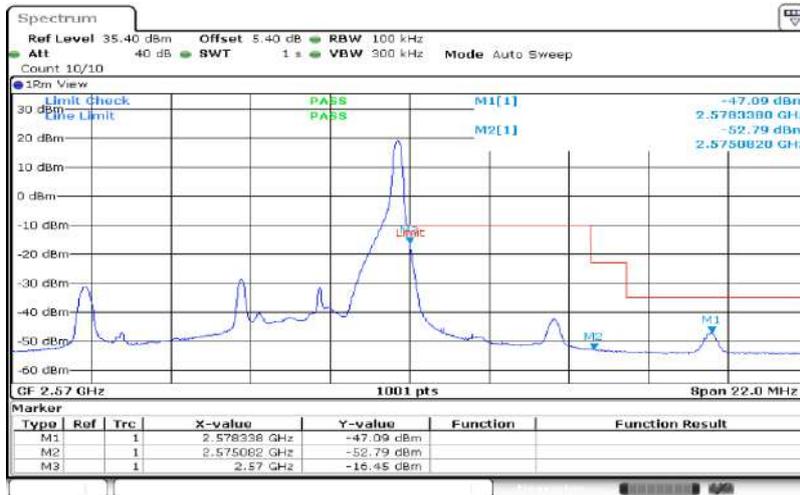


Date: 27 MAY 2020 16:03:14



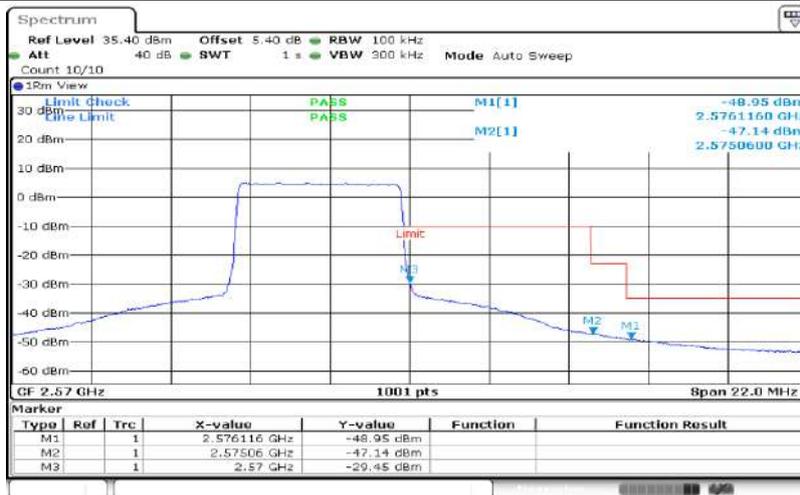
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Band7-5MHz-16QAM-21425-1RB#24



Date: 27 MAY 2020 16:02:27

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

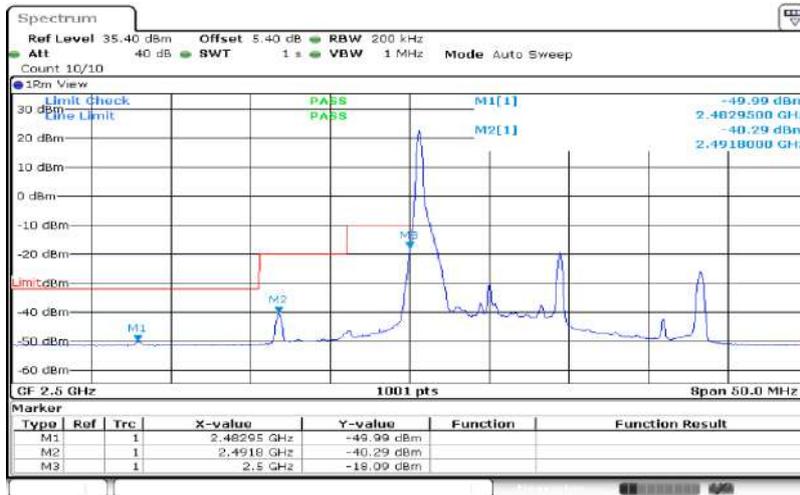


Date: 27 MAY 2020 16:03:58



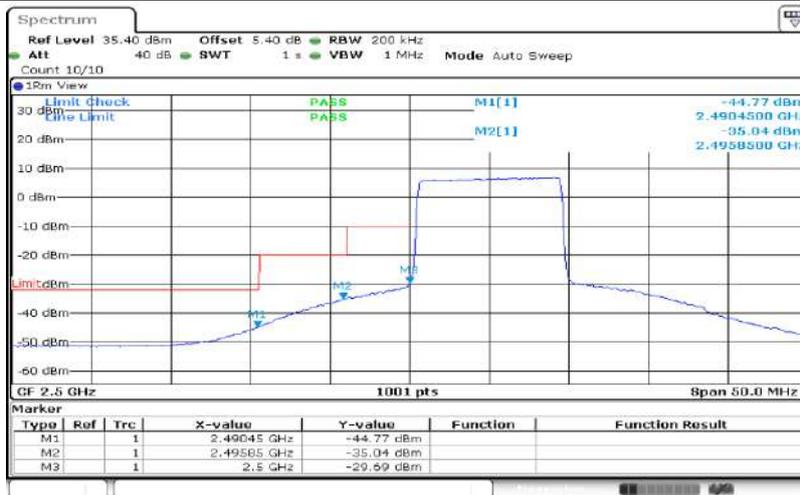
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Band7-10MHz-QPSK-20800-1RB#0



Date: 27 MAY 2020 16:04:24

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

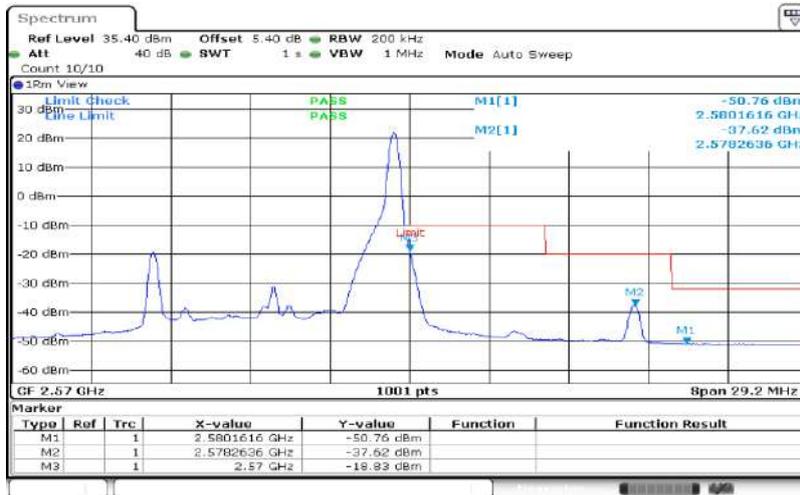


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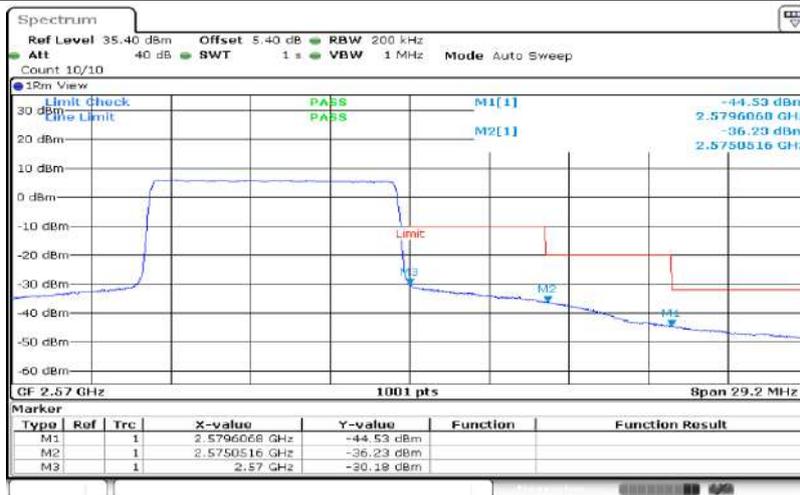
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Band7-10MHz-QPSK-21400-1RB#49



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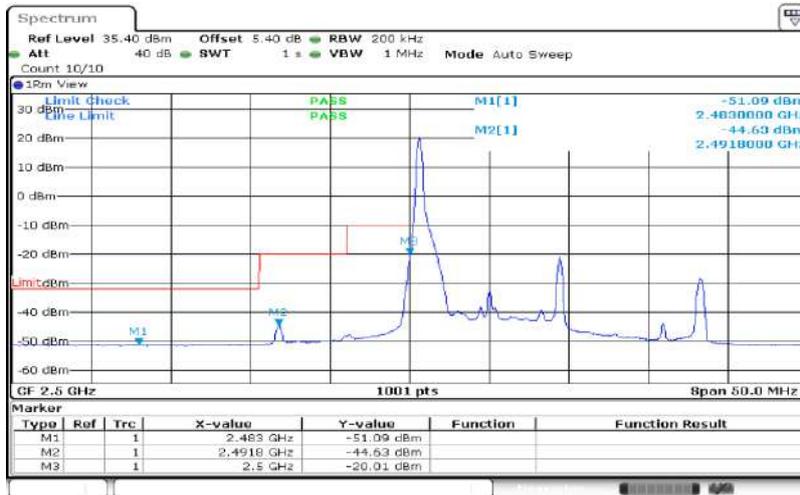
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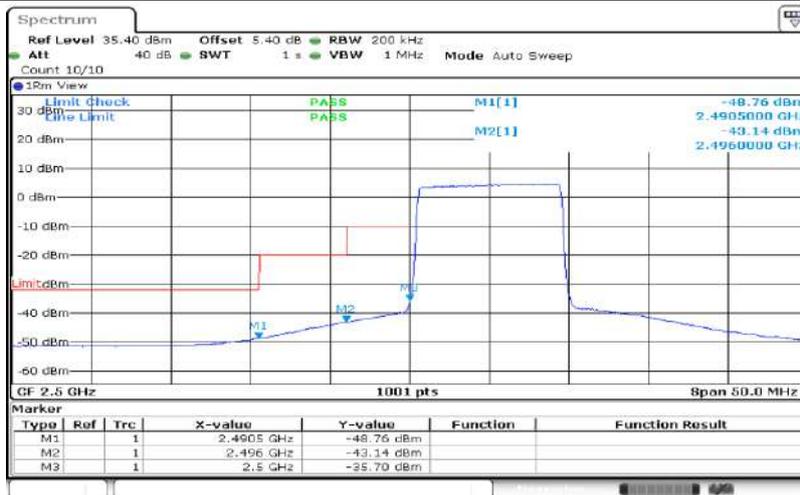
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Band7-10MHz-64QAM-20800-1RB#0



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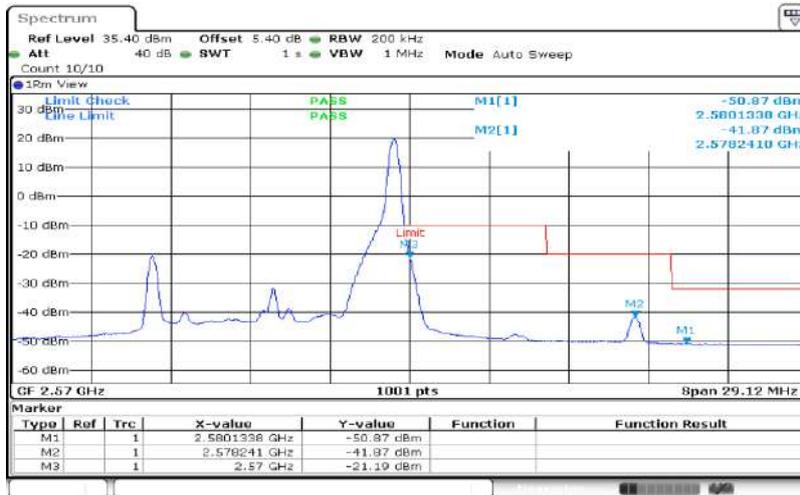


Date: 28 MAY 2020 02:54:28



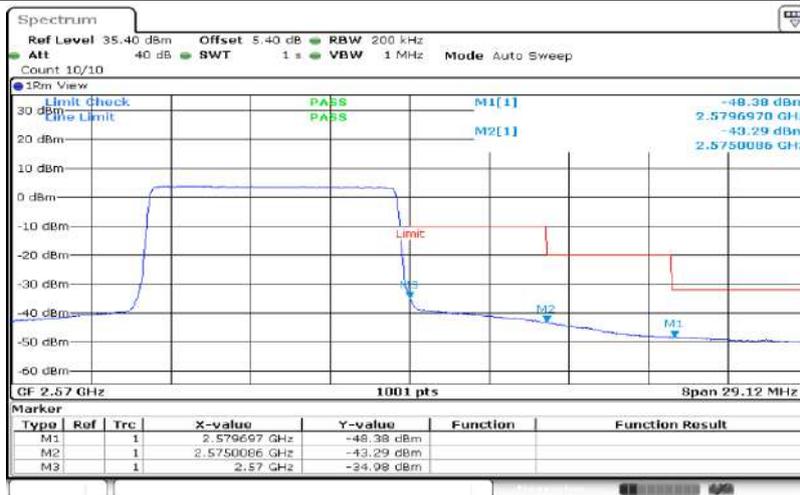
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Band7-10MHz-64QAM-21400-1RB#49



Date: 28 MAY 2020 02:54:02

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

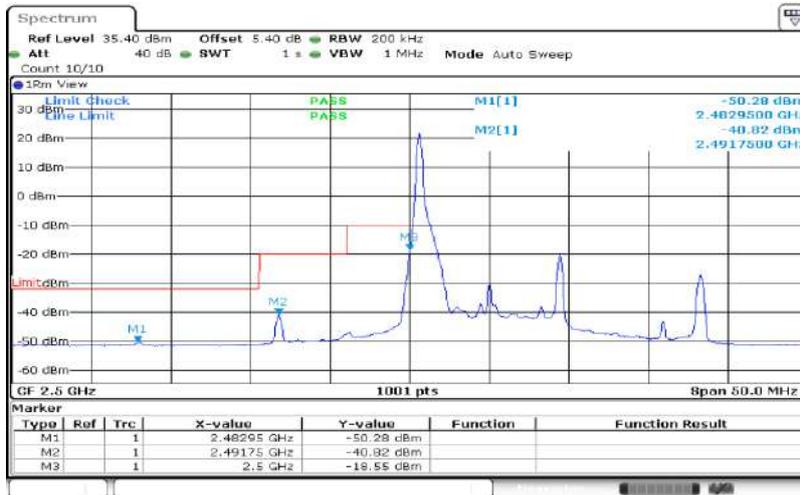


Date: 28 MAY 2020 02:54:49



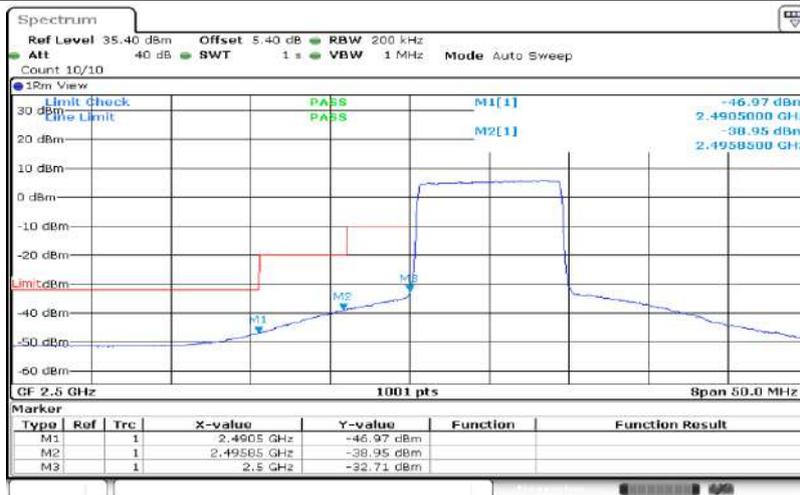
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Band7-10MHz-16QAM-20800-1RB#0



Date: 27 MAY 2020 16:04:45

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

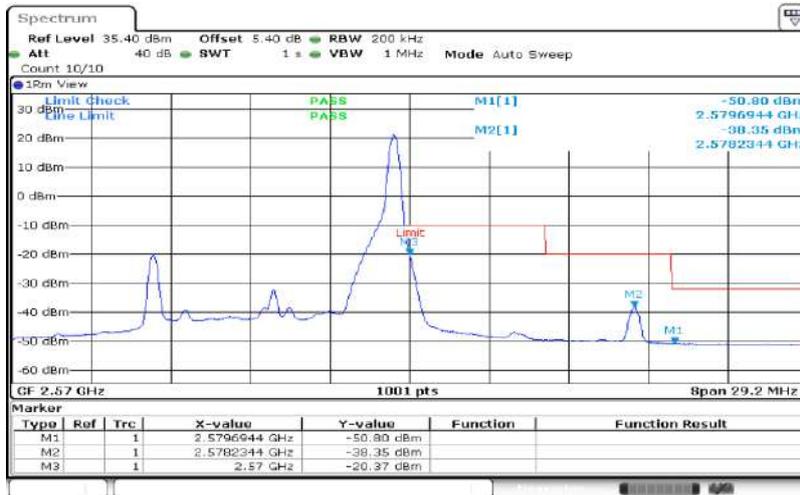


Date: 27 MAY 2020 16:06:20



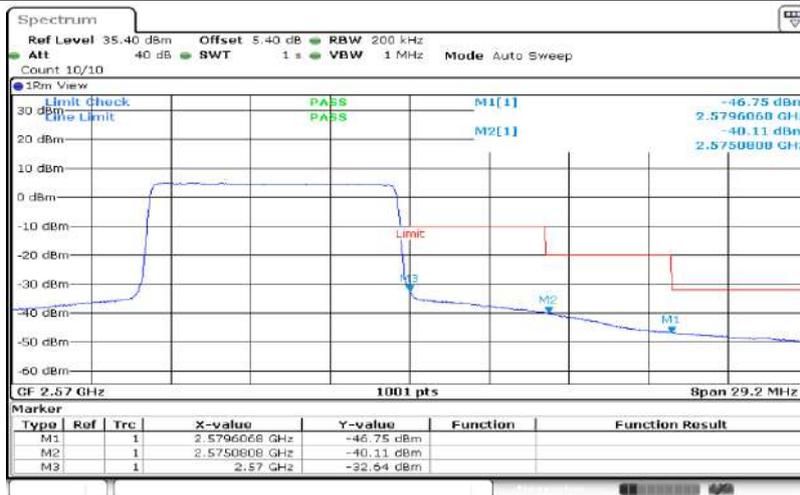
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Band7-10MHz-16QAM-21400-1RB#49



Date: 27 MAY 2020 16:05:33

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

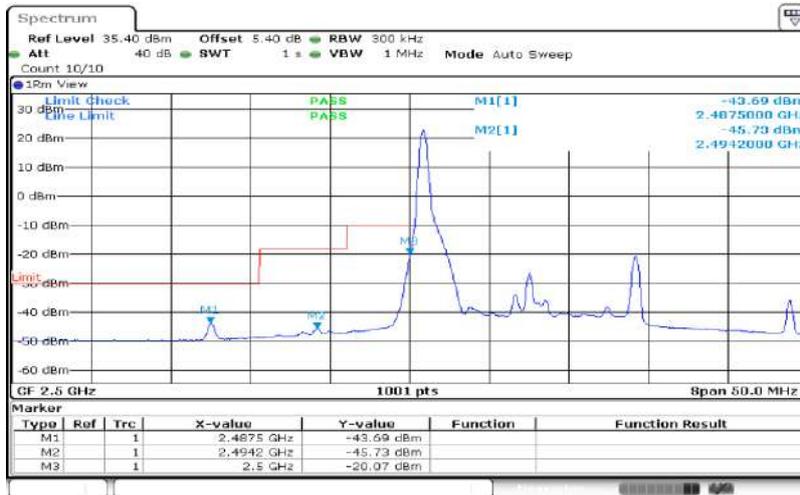


Date: 27 MAY 2020 16:07:03



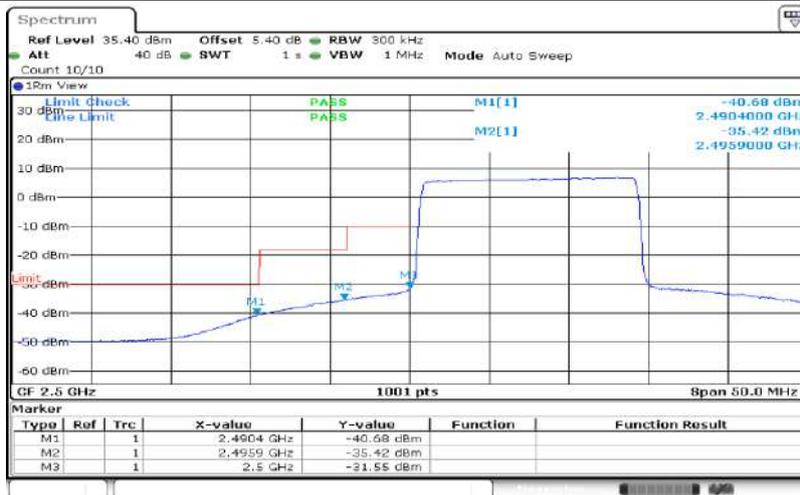
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Band7-15MHz-QPSK-20825-1RB#0



Date: 27 MAY 2020 16:07:29

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

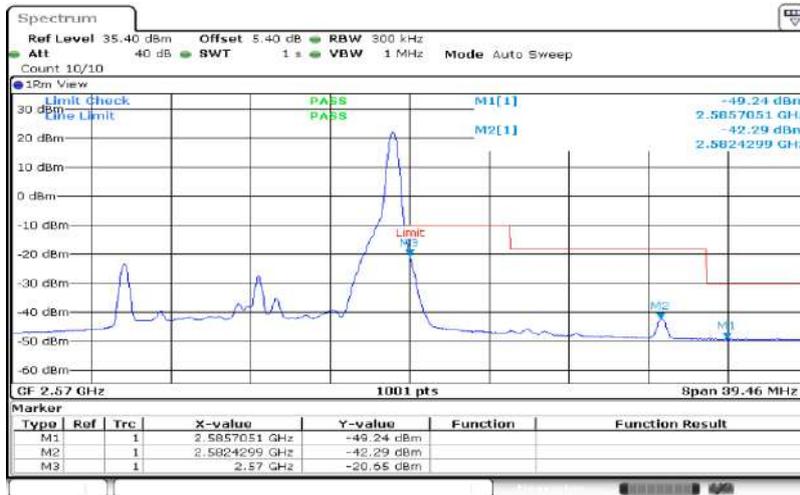


Date: 27 MAY 2020 16:08:03



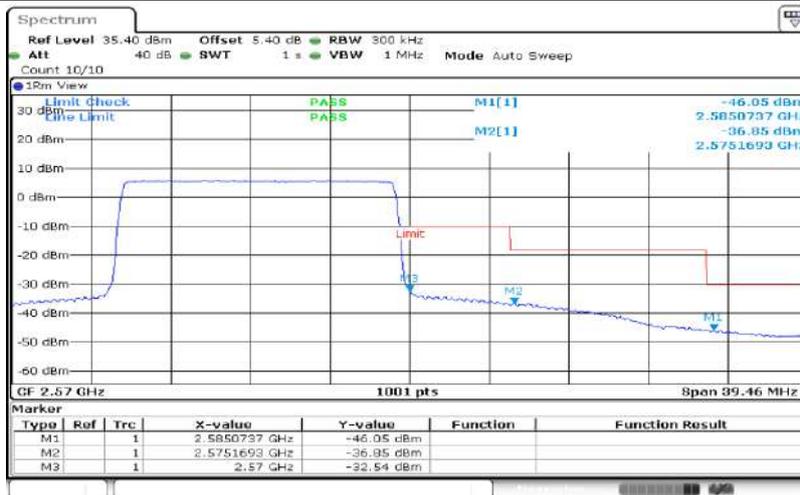
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Band7-15MHz-QPSK-21375-1RB#74



Date: 27 MAY 2020 16:08:16

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



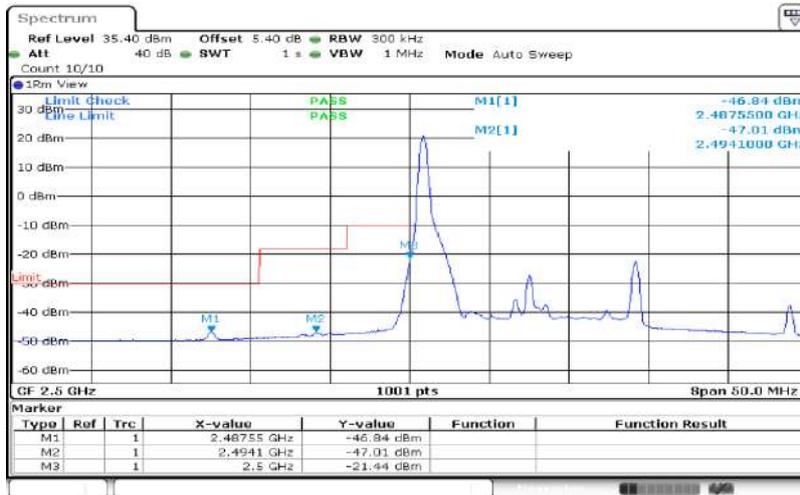
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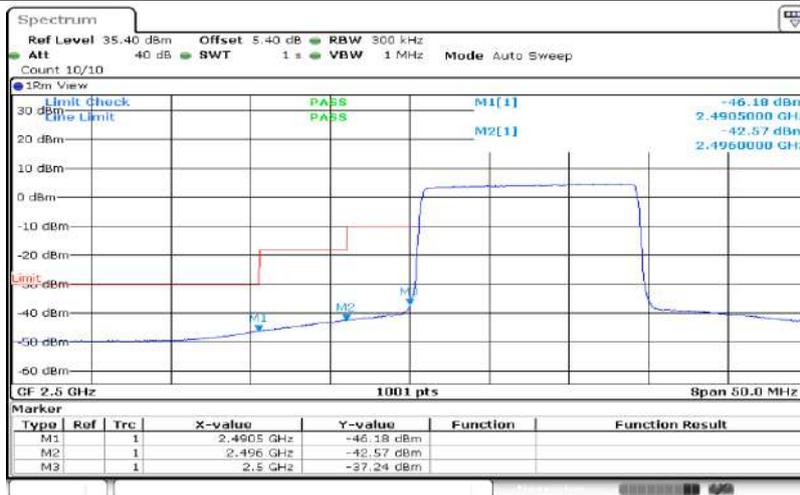
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Band7-15MHz-64QAM-20825-1RB#0



Date: 28 MAY 2020 02:55:15

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

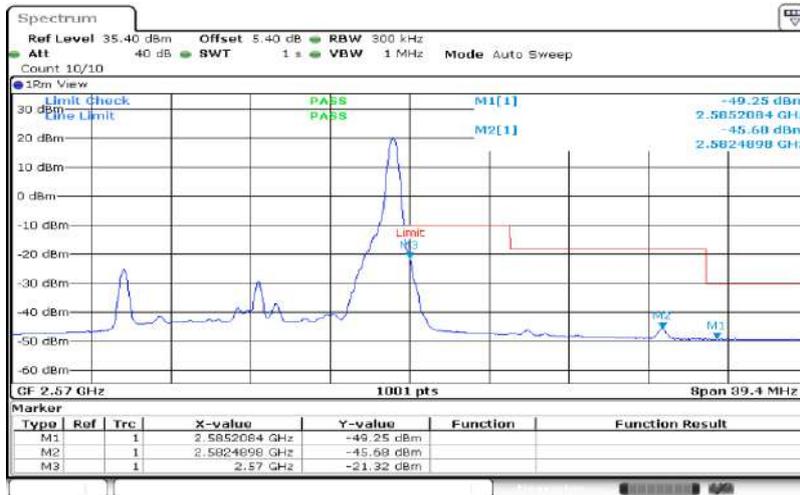


Date: 28 MAY 2020 02:56:07



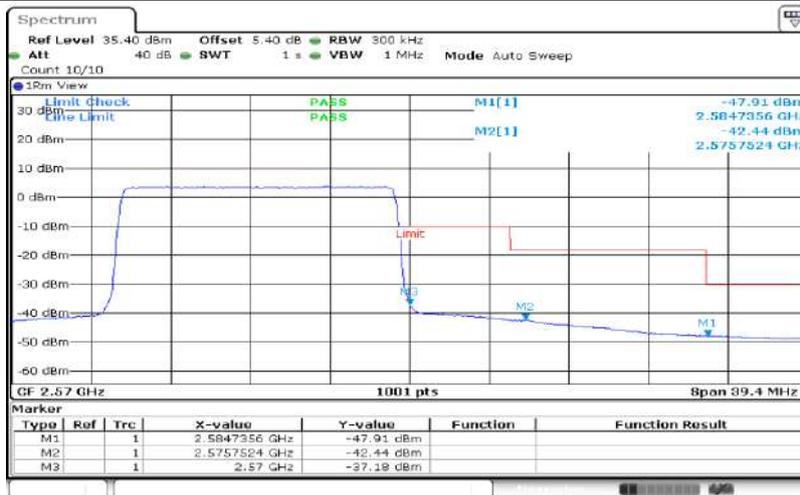
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Band7-15MHz-64QAM-21375-1RB#74



Date: 28 MAY 2020 02:55:41

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

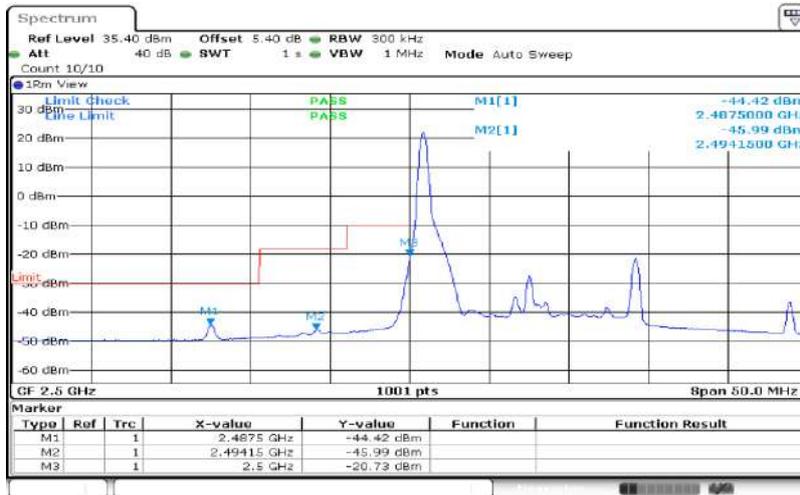


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Band7-15MHz-16QAM-20825-1RB#0



Date: 27 MAY 2020 16:07:50

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

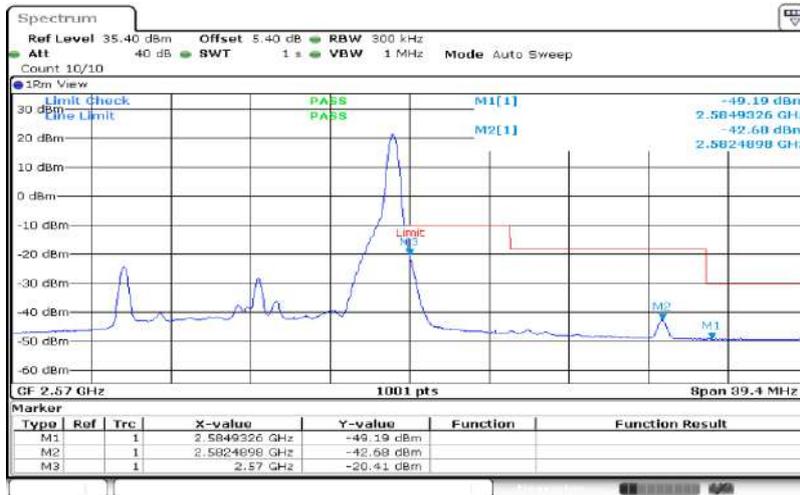


Date: 27 MAY 2020 16:09:24



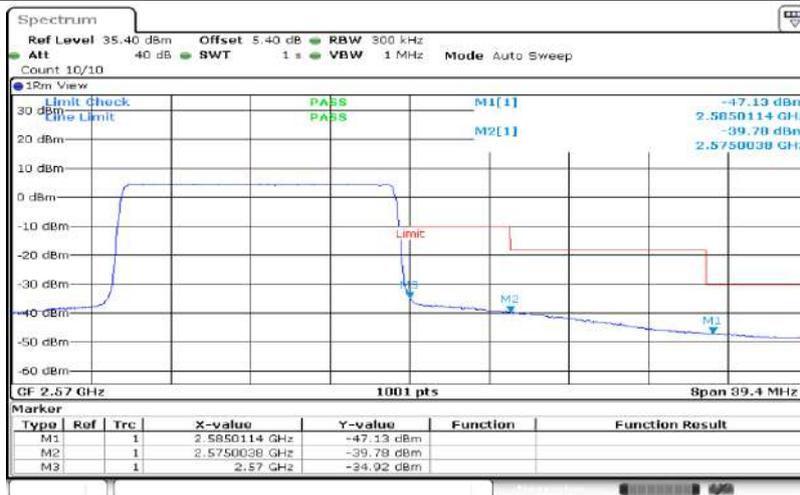
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Band7-15MHz-16QAM-21375-1RB#74



Date: 27 MAY 2020 16:08:37

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

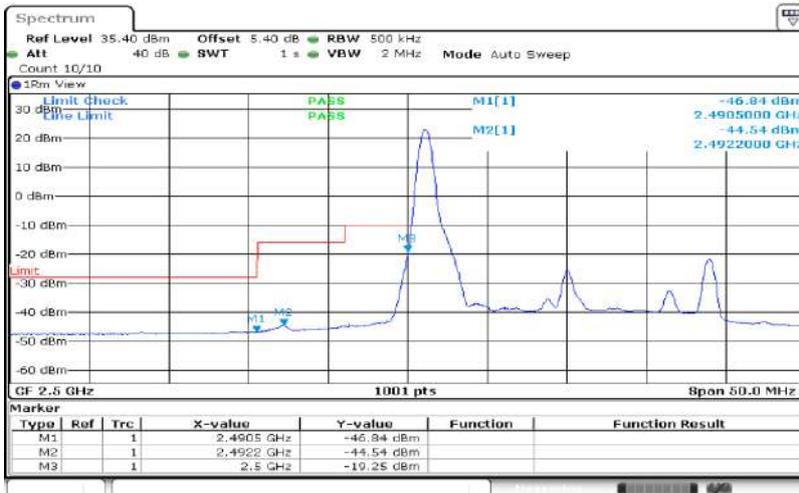


Date: 27 MAY 2020 16:10:07



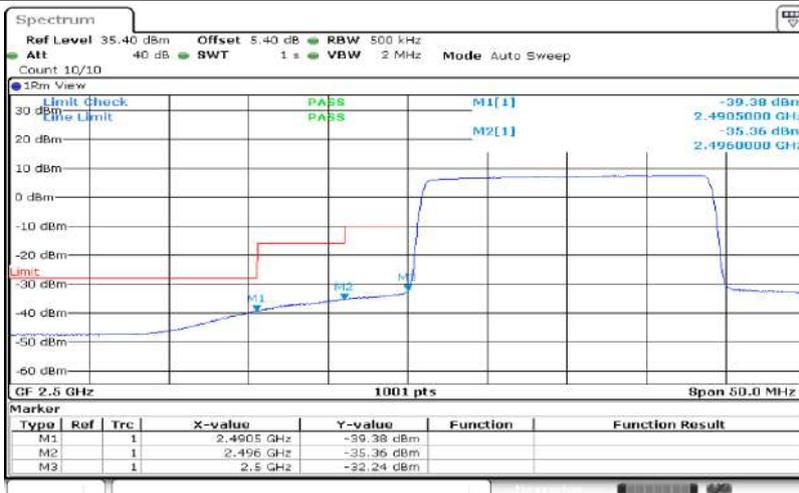
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Band7-20MHz-QPSK-20850-1RB#0



Date: 27 MAY 2020 16:10:33

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



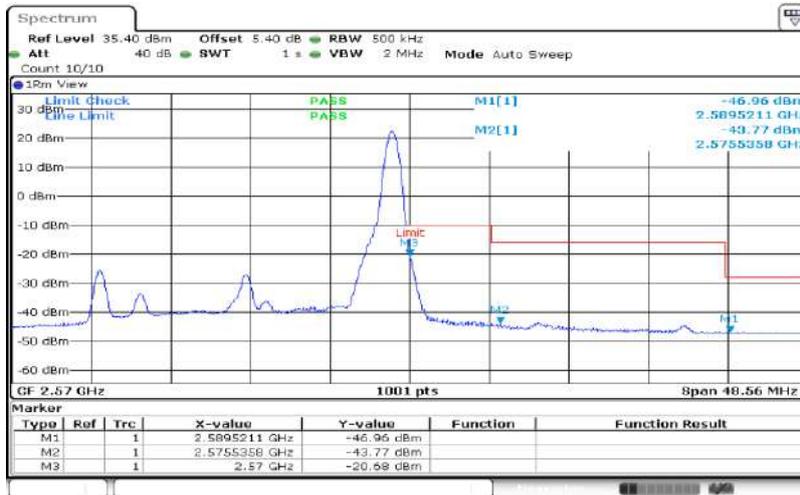
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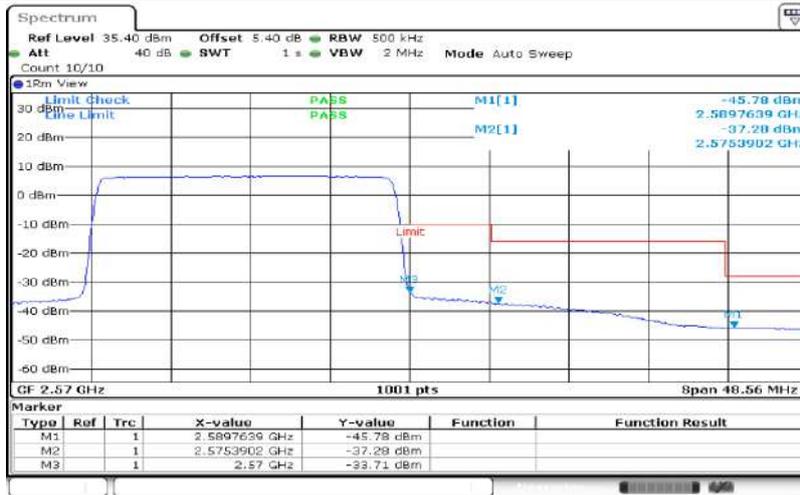
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Band7-20MHz-QPSK-21350-1RB#99



Date: 27 MAY 2020 16:11:20

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

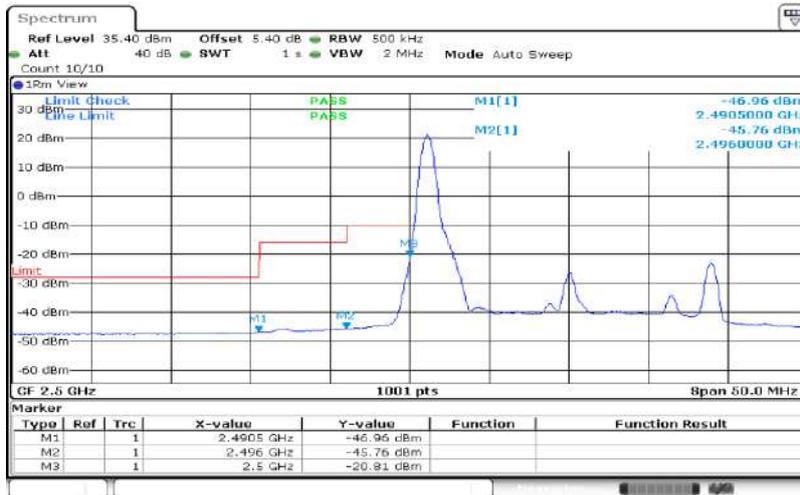


Date: 27 MAY 2020 16:12:50



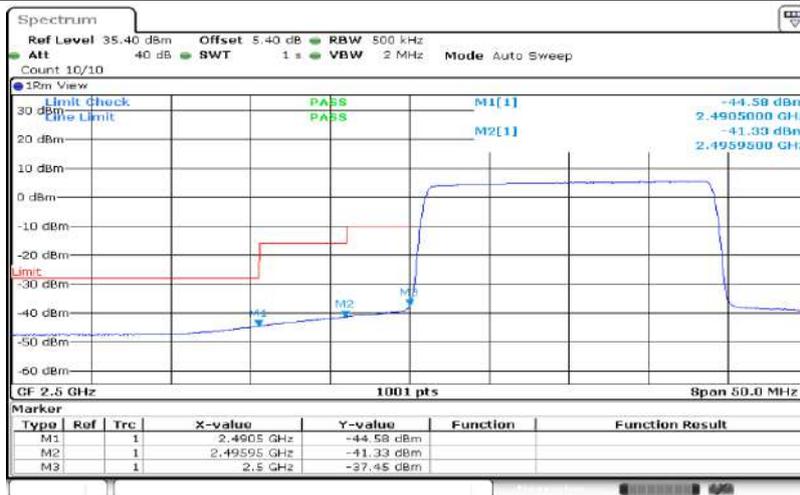
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Band7-20MHz-64QAM-20850-1RB#0



Date: 28 MAY 2020 02:56:55

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

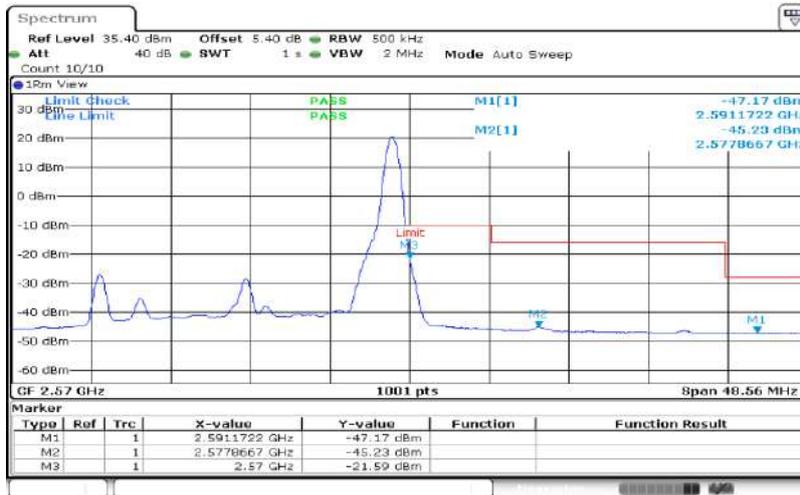


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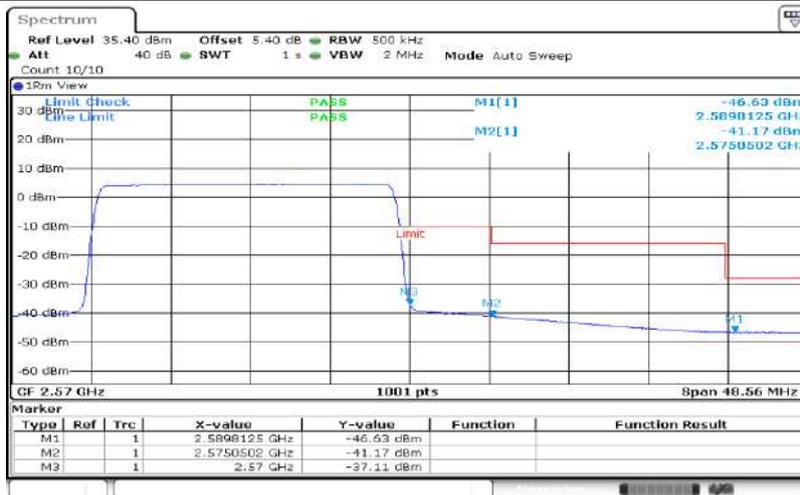
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Band7-20MHz-64QAM-21350-1RB#99



Date: 28 MAY 2020 02:57:20

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

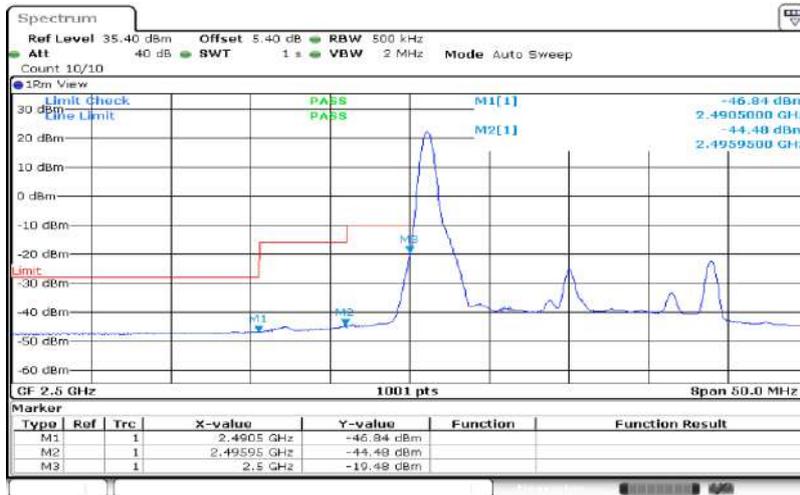


Date: 28 MAY 2020 02:58:08



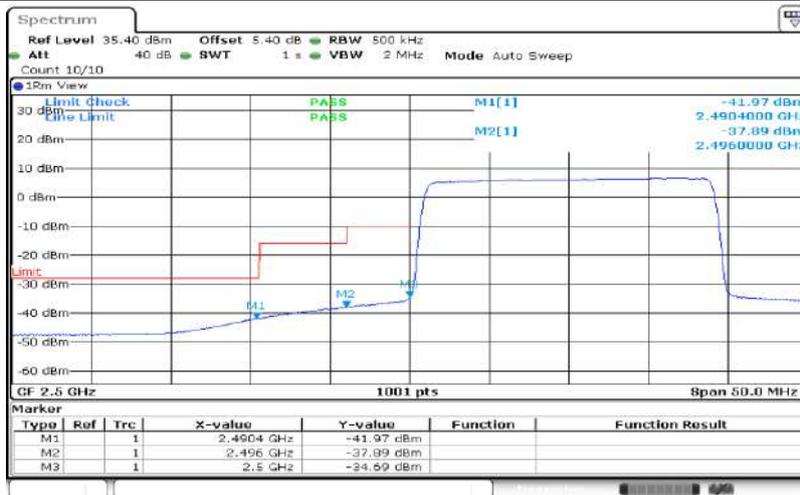
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Band7-20MHz-16QAM-20850-1RB#0



Date: 27 MAY 2020 16:10:55

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

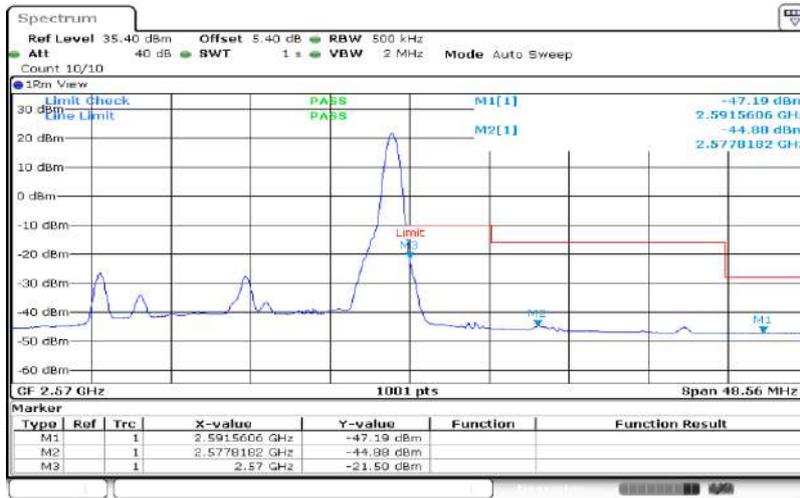


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Band7-20MHz-16QAM-21350-1RB#99



Date: 27 MAY 2020 16:11:42

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



Date: 27 MAY 2020 16:13:12



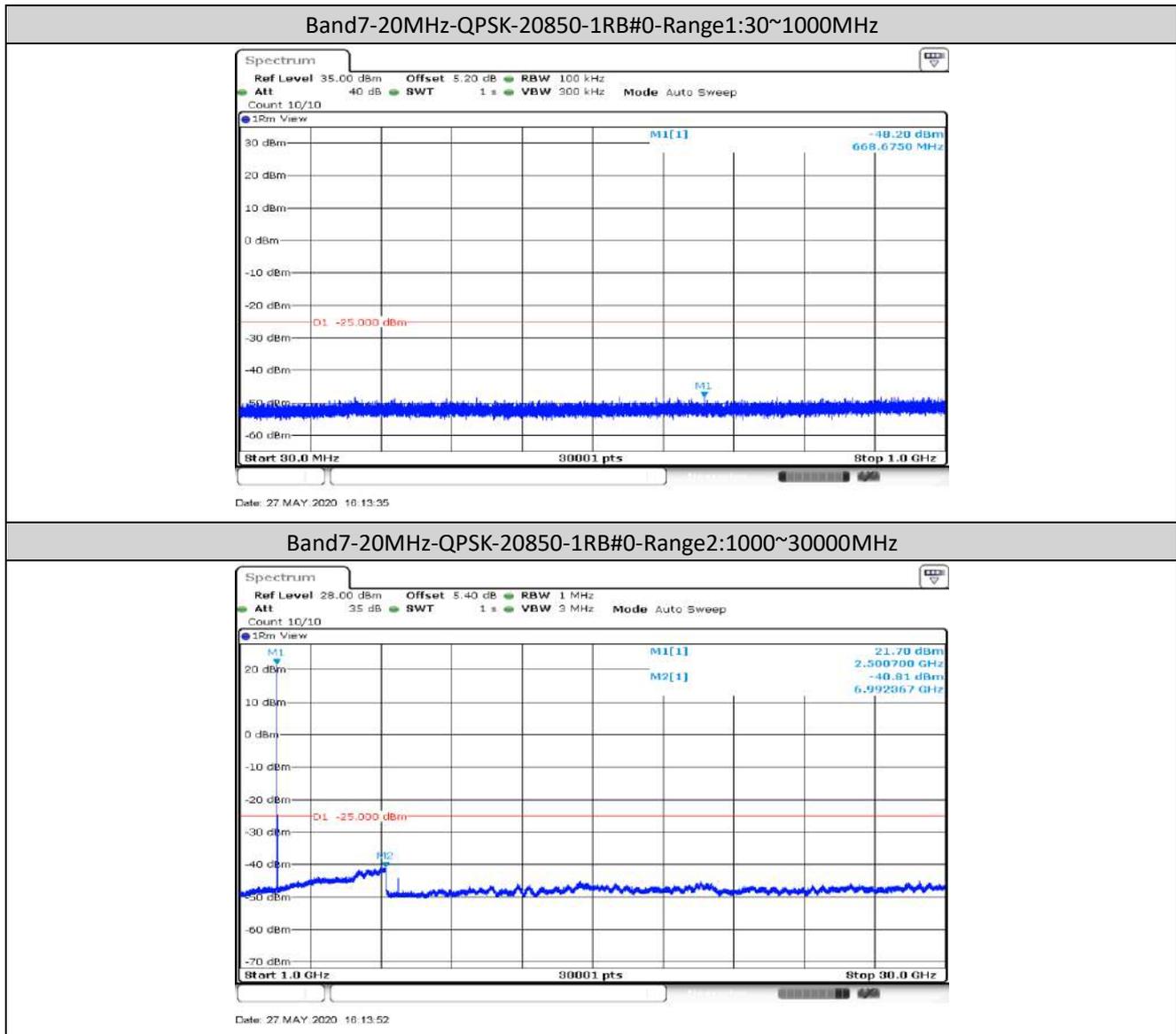
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6. Spurious Emission at Antenna Terminal

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

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

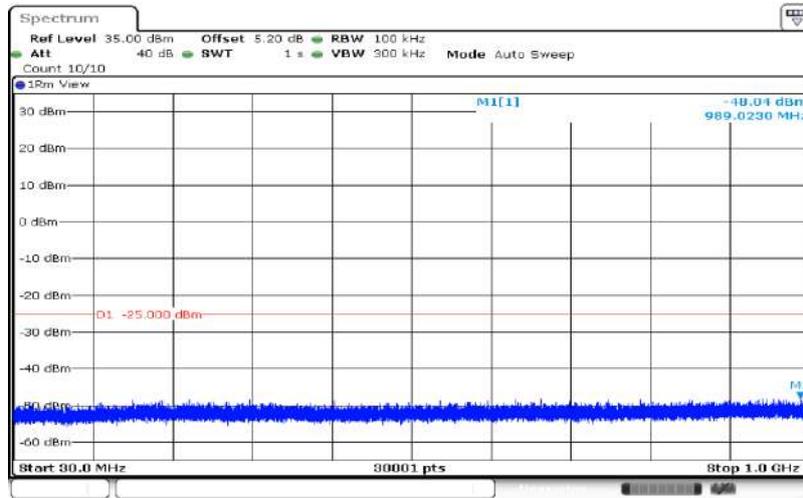
6.1. Test Plots



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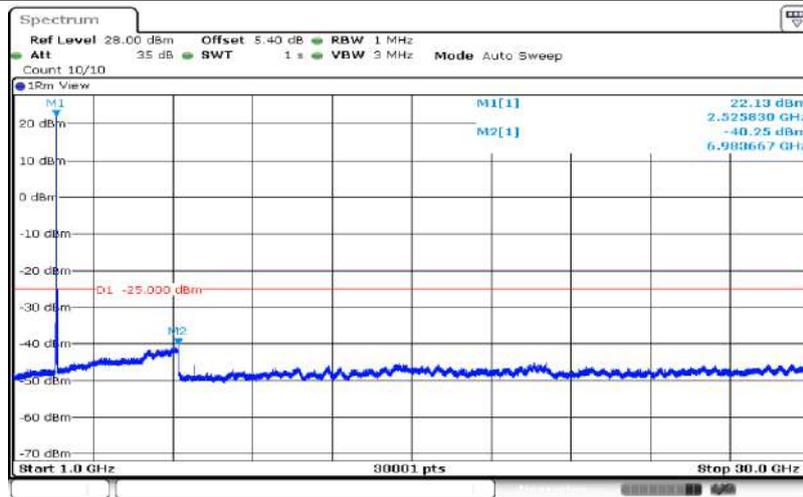
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Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 16:14:46

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

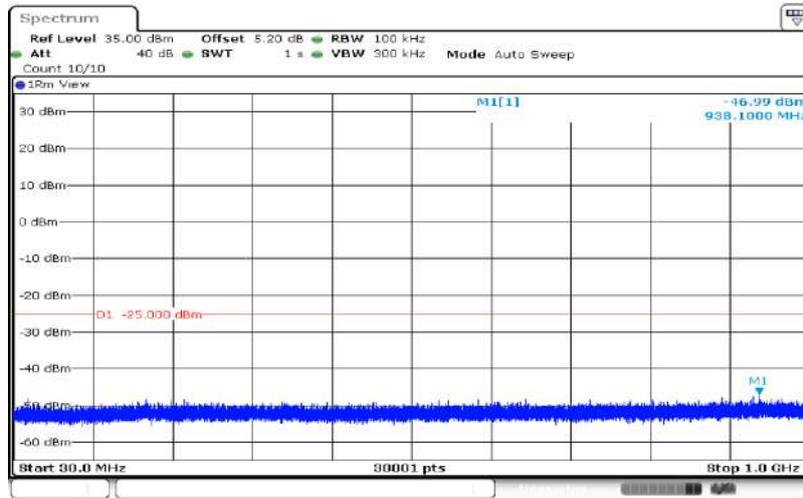


Date: 27 MAY 2020 16:15:02



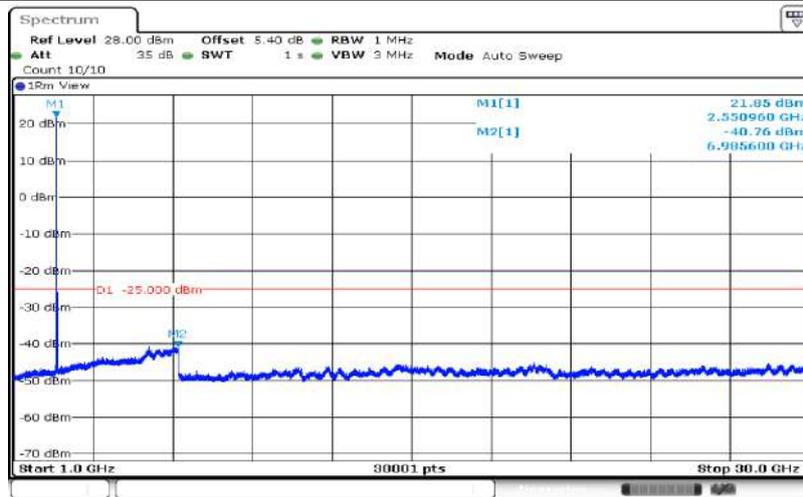
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Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 16:15:57

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

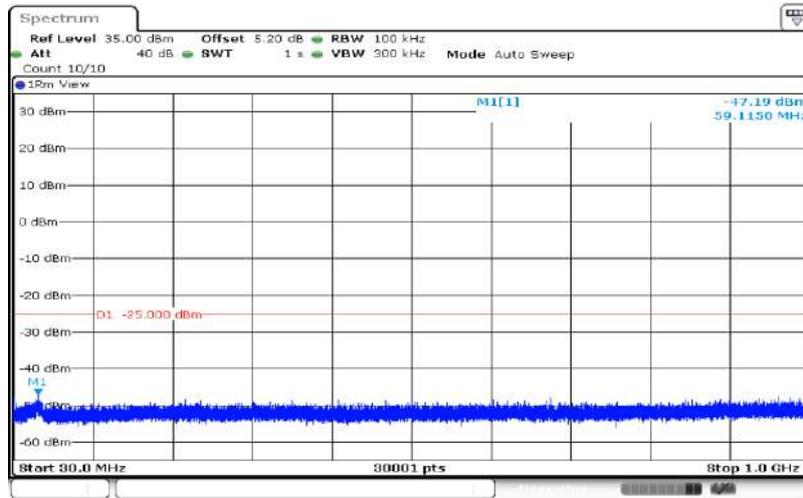


Date: 27 MAY 2020 16:16:13



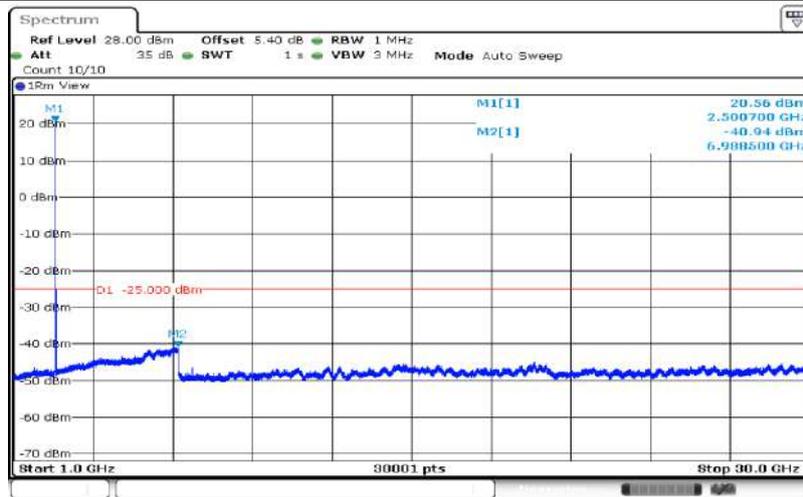
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Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



Date: 28 MAY 2020 02:58:31

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



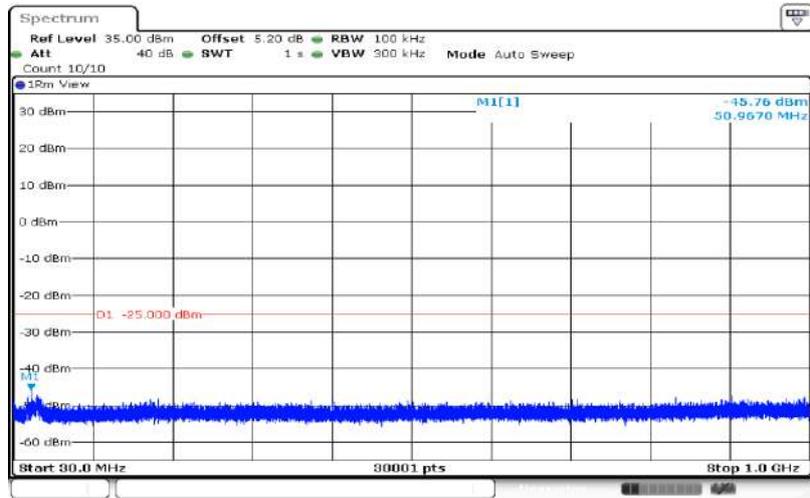
Date: 28 MAY 2020 02:58:48



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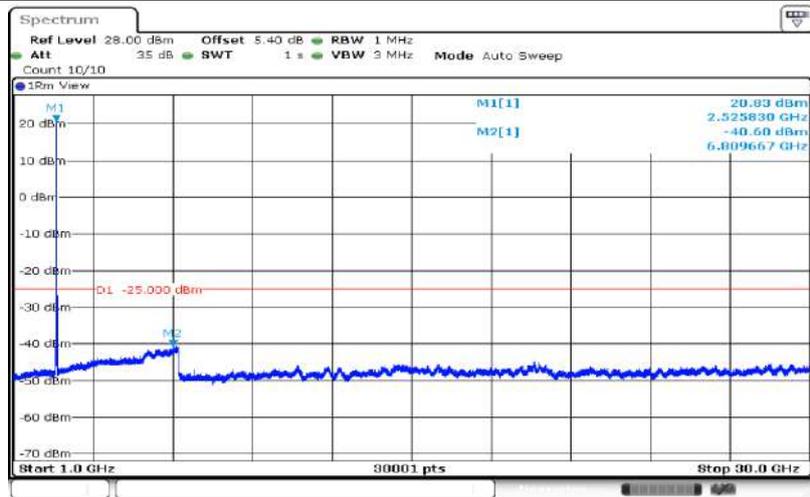
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Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Date: 28 MAY 2020 02:59:07

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



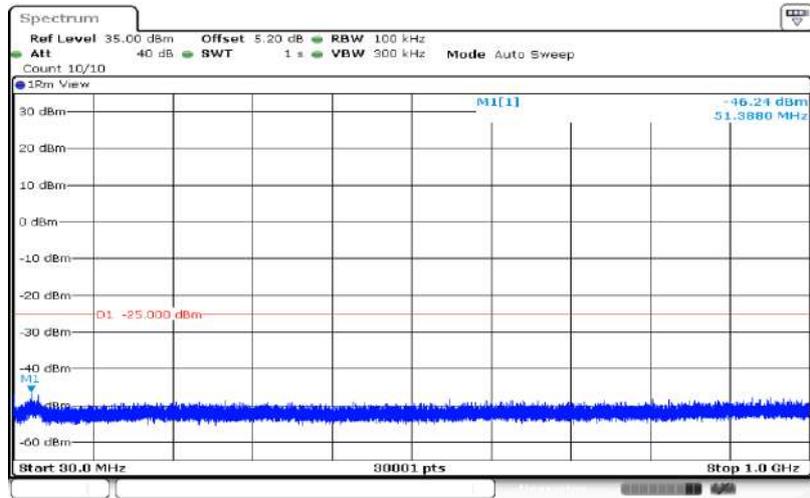
Date: 28 MAY 2020 02:59:23



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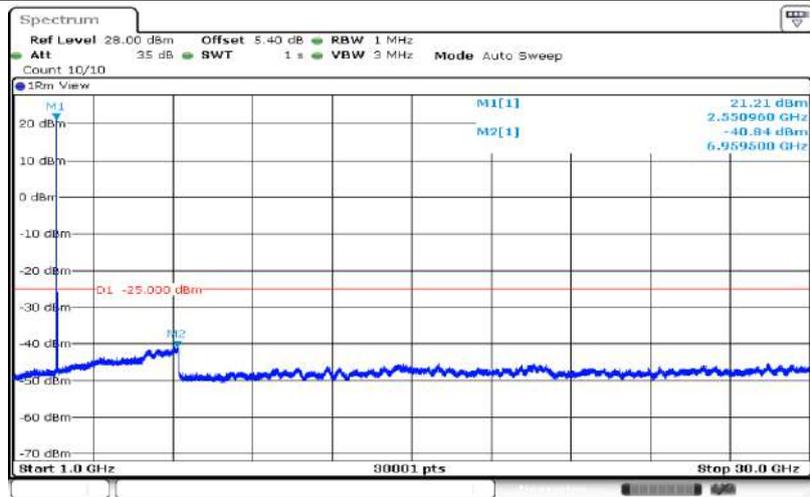
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Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Date: 28 MAY 2020 02:58:42

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

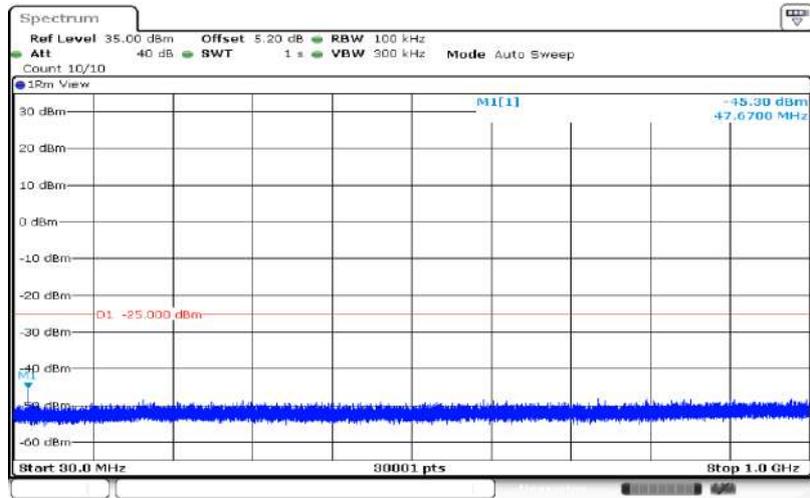


Date: 28 MAY 2020 02:58:59



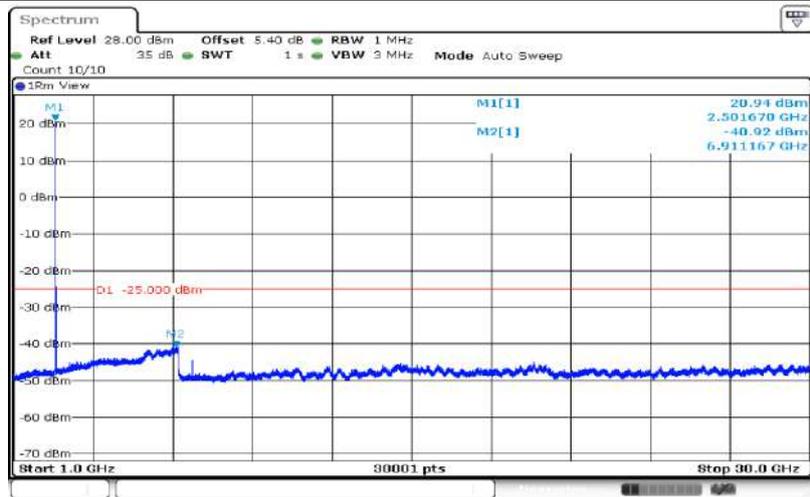
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Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 16:14:11

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



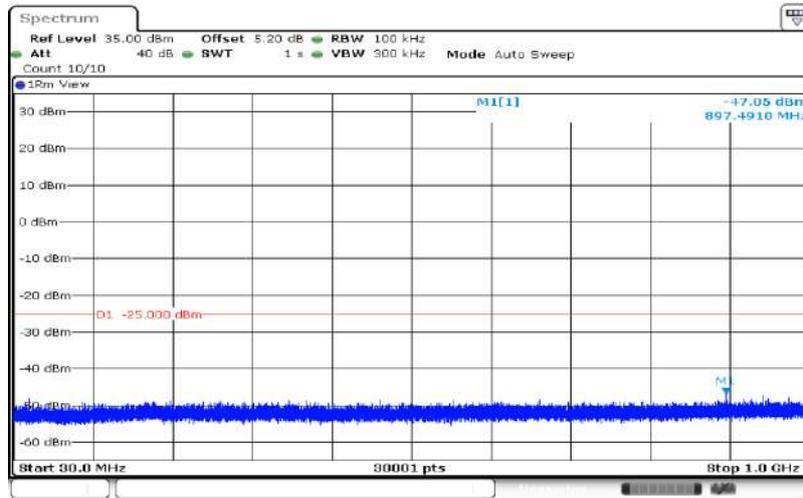
Date: 27 MAY 2020 16:14:27



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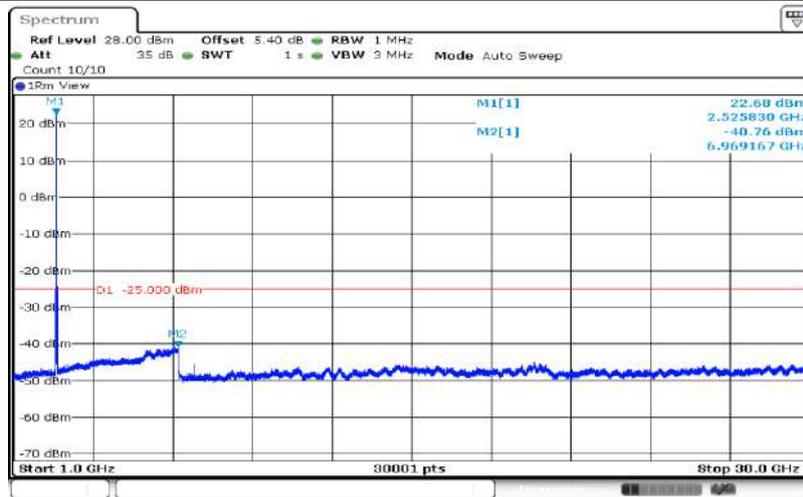


Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 16:15:21

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

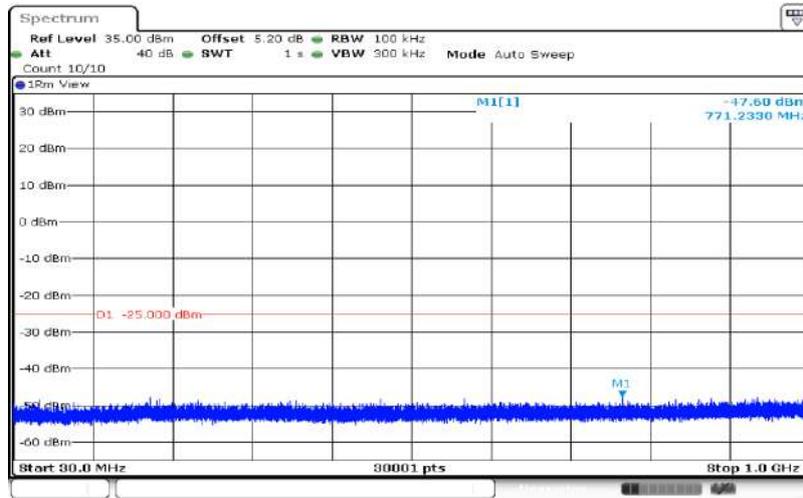


Date: 27 MAY 2020 16:15:38



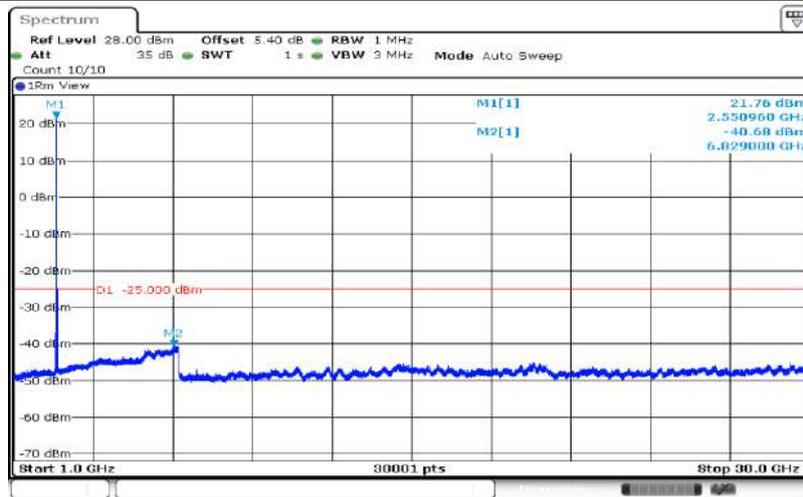
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Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



Date: 27 MAY 2020 16:16:32

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



Date: 27 MAY 2020 16:16:49



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE Band 7

7.1.1. Test Mode = LTE/TM1 20MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
111.9206	-65.61	-25.00	40.61	147	334	Vertical
623.3302	-63.98	-25.00	38.98	168	122	Vertical
1715.3431	-45.19	-25.00	20.19	198	311	Vertical
7359.1744	-57.80	-25.00	32.80	178	122	Vertical
14452.6581	-50.10	-25.00	25.10	195	207	Vertical
17997.5999	-42.01	-25.00	17.01	188	60	Vertical
42.2711	-64.70	-25.00	39.70	241	229	Horizontal
598.5939	-64.97	-25.00	39.97	285	144	Horizontal
1803.7608	-44.37	-25.00	19.37	263	200	Horizontal
7445.5778	-58.22	-25.00	33.22	284	334	Horizontal
16388.3355	-45.84	-25.00	20.84	275	250	Horizontal
17274.5710	-46.97	-25.00	21.97	269	334	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
112.3571	-65.92	-25.00	40.92	241	334	Vertical
601.6981	-64.51	-25.00	39.51	285	186	Vertical
1682.5365	-45.20	-25.00	20.20	265	216	Vertical
7320.7728	-57.14	-25.00	32.14	289	314	Vertical
14585.2634	-49.54	-25.00	24.54	274	271	Vertical
17997.5999	-42.12	-25.00	17.12	228	59	Vertical
38.6819	-64.57	-25.00	39.57	271	101	Horizontal
762.7261	-62.43	-25.00	37.43	256	59	Horizontal
1753.3507	-45.44	-25.00	20.44	284	320	Horizontal
7350.1740	-59.12	-25.00	34.12	265	314	Horizontal
16396.1358	-45.60	-25.00	20.60	229	186	Horizontal
17996.3999	-47.11	-25.00	22.11	148	59	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
107.7009	-66.08	-25.00	41.08	199	204	Vertical
748.0784	-63.39	-25.00	38.39	174	97	Vertical
1738.1476	-45.22	-25.00	20.22	168	127	Vertical
5102.4841	-61.41	-25.00	36.41	187	55	Vertical
14487.4595	-49.64	-25.00	24.64	165	204	Vertical
17995.1998	-42.16	-25.00	17.16	189	204	Vertical
43.5322	-64.31	-25.00	39.31	148	161	Horizontal
601.1646	-64.26	-25.00	39.26	196	9	Horizontal
1796.9594	-44.50	-25.00	19.50	174	76	Horizontal
7476.1790	-57.98	-25.00	32.98	199	334	Horizontal
16397.3359	-45.84	-25.00	20.84	157	136	Horizontal
17992.1997	-46.77	-25.00	21.77	162	182	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	-2.30	-0.000916	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	1.10	0.000438	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-5.70	-0.002271	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-2.60	-0.001026	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.80	-0.000316	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-1.90	-0.000742	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-2.80	-0.001094	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-10.20	-0.003984	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	2.30	0.000916	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-1.60	-0.000637	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-1.10	-0.000438	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-5.90	-0.002327	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-8.00	-0.003156	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-6.10	-0.002383	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	-13.10	-0.005117	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	1.00	0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	0.20	0.000080	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-6.60	-0.002629	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	0.50	0.000197	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-6.70	-0.002643	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-6.80	-0.002682	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-9.00	-0.003516	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-8.80	-0.003438	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-6.60	-0.002578	±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
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-1.30	-0.000518	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-2.20	-0.000876	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-1.30	-0.000518	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	0.70	0.000279	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-0.40	-0.000159	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-1.30	-0.000518	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-2.10	-0.000837	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-7.60	-0.003028	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-3.60	-0.001420	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.30	-0.002091	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-8.40	-0.003314	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-9.20	-0.003629	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-5.70	-0.002249	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	0.30	0.000118	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	0.70	0.000276	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	2.40	0.000947	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-4.80	-0.001875	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-5.70	-0.002227	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-3.30	-0.001289	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-5.70	-0.002227	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-5.50	-0.002148	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-11.10	-0.004336	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-3.20	-0.001250	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-9.80	-0.003828	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	0.10	0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	4.80	0.001912	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	-1.50	-0.000598	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-4.00	-0.001594	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-1.10	-0.000438	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-0.30	-0.000120	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	-0.90	-0.000359	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-11.10	-0.004379	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-9.20	-0.003629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-6.20	-0.002446	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-7.20	-0.002840	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-3.40	-0.001341	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-5.20	-0.002051	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	40	-9.50	-0.003748	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	0.50	0.000197	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-8.30	-0.003242	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-4.80	-0.001875	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-6.90	-0.002695	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-4.10	-0.001602	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-5.00	-0.001953	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-5.60	-0.002188	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	-6.00	-0.002344	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-1.60	-0.000637	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-1.90	-0.000757	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-4.60	-0.001833	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-9.90	-0.003944	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	1.10	0.000438	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-0.60	-0.000239	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-5.30	-0.002112	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-2.90	-0.001155	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-3.70	-0.001460	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-3.80	-0.001499	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-2.00	-0.000789	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-3.00	-0.001183	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-2.50	-0.000986	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-4.30	-0.001696	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-3.70	-0.001460	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-5.40	-0.002109	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-1.60	-0.000625	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-2.80	-0.001094	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	2.60	0.001016	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-12.40	-0.004844	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-11.30	-0.004414	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-10.80	-0.004219	±2.5	PASS



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