



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT2:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	24.68	22.48	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	24.70	22.50	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	24.66	22.46	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	23.81	21.61	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	23.91	21.71	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	23.81	21.61	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	23.85	21.65	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	24.57	22.37	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	24.51	22.31	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	24.61	22.41	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	23.68	21.48	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	23.70	21.50	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	23.74	21.54	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.64	21.44	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	24.24	22.04	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	24.00	21.80	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	24.12	21.92	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	23.36	21.16	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	23.42	21.22	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	23.50	21.30	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.39	21.19	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	23.97	21.77	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.93	21.73	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	24.34	22.14	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.91	20.71	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.82	20.62	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.89	20.69	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.84	20.64	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	23.91	21.71	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	23.60	21.40	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	23.79	21.59	33.00	PASS



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Band7	5MHz	16QAM	21100	12RB#0	22.73	20.53	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	22.68	20.48	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	22.79	20.59	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.62	20.42	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	23.67	21.47	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	23.52	21.32	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	23.70	21.50	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.44	20.24	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.57	20.37	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.57	20.37	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.54	20.34	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.65	20.45	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.67	20.47	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.70	20.50	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	21.72	19.52	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	21.91	19.71	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	21.93	19.73	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.82	19.62	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	22.69	20.49	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	22.61	20.41	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.71	20.51	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	21.86	19.66	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	21.78	19.58	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	21.81	19.61	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	21.75	19.55	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	22.69	20.49	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	22.67	20.47	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.59	20.39	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	21.86	19.66	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	21.79	19.59	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	21.88	19.68	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.71	19.51	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	24.70	22.50	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	24.66	22.46	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	24.71	22.51	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	23.84	21.64	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.90	21.70	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	23.87	21.67	33.00	PASS



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Band7	10MHz	QPSK	20800	50RB#0	23.92	21.72	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	24.52	22.32	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	24.48	22.28	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	24.51	22.31	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	23.56	21.36	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	23.71	21.51	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	23.73	21.53	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	23.75	21.55	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	24.33	22.13	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	24.05	21.85	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	24.06	21.86	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	23.43	21.23	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	23.29	21.09	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	23.31	21.11	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	23.27	21.07	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.96	21.76	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.72	21.52	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	23.95	21.75	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.91	20.71	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.96	20.76	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	22.90	20.70	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.89	20.69	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	23.86	21.66	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	23.68	21.48	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	23.76	21.56	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.62	20.42	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	22.68	20.48	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	22.63	20.43	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	22.65	20.45	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	23.74	21.54	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	23.60	21.40	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.93	21.73	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.55	20.35	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.48	20.28	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.53	20.33	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.48	20.28	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	22.70	20.50	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	22.62	20.42	33.00	PASS



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Band7	10MHz	64QAM	20800	1RB#49	22.62	20.42	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	21.77	19.57	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	21.77	19.57	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	21.84	19.64	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	21.81	19.61	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.57	20.37	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	22.64	20.44	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	22.56	20.36	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	21.77	19.57	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	21.81	19.61	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	21.67	19.47	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	21.66	19.46	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	22.66	20.46	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	22.58	20.38	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	22.73	20.53	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	21.79	19.59	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	21.82	19.62	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	21.70	19.50	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	21.91	19.71	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	24.71	22.51	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	24.70	22.50	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	24.71	22.51	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	23.77	21.57	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	23.88	21.68	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	23.90	21.70	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	23.86	21.66	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	24.58	22.38	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	24.59	22.39	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	24.70	22.50	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	23.66	21.46	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	23.66	21.46	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	23.75	21.55	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	23.70	21.50	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	24.63	22.43	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	24.02	21.82	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.82	21.62	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	23.65	21.45	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	23.45	21.25	33.00	PASS



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Band7	15MHz	QPSK	21375	38RB#37	23.41	21.21	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	23.61	21.41	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	24.20	22.00	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	24.02	21.82	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	24.45	22.25	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.81	20.61	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.89	20.69	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.87	20.67	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.92	20.72	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	24.08	21.88	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.83	21.63	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	24.24	22.04	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.71	20.51	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.60	20.40	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.74	20.54	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.67	20.47	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	23.82	21.62	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	23.33	21.13	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	23.14	20.94	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	22.73	20.53	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.47	20.27	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.48	20.28	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.63	20.43	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	22.72	20.52	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	22.62	20.42	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	22.70	20.50	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	21.81	19.61	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	21.90	19.70	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	21.75	19.55	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	21.71	19.51	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	22.60	20.40	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	22.67	20.47	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	22.67	20.47	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	21.87	19.67	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	21.70	19.50	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	21.86	19.66	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	21.89	19.69	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	22.71	20.51	33.00	PASS



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Band7	15MHz	64QAM	21375	1RB#38	22.58	20.38	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	22.69	20.49	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	21.89	19.69	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	21.87	19.67	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	21.71	19.51	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	21.77	19.57	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	24.73	22.53	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	24.62	22.42	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	24.67	22.47	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	23.75	21.55	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	23.84	21.64	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	23.78	21.58	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	23.92	21.72	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	24.49	22.29	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	24.53	22.33	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	24.71	22.51	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	23.51	21.31	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.70	21.50	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	23.76	21.56	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	23.72	21.52	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	24.38	22.18	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	24.14	21.94	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.94	21.74	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	23.52	21.32	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	23.59	21.39	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	23.40	21.20	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	23.70	21.50	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	23.89	21.69	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.97	21.77	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	24.36	22.16	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	22.86	20.66	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.89	20.69	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	22.91	20.71	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.79	20.59	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	23.98	21.78	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	24.12	21.92	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	24.00	21.80	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.65	20.45	33.00	PASS





Band7	20MHz	16QAM	21100	50RB#25	22.70	20.50	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	22.82	20.62	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	22.58	20.38	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	24.01	21.81	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	23.51	21.31	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	23.40	21.20	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.62	20.42	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.79	20.59	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.53	20.33	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.69	20.49	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.71	20.51	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.66	20.46	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	22.72	20.52	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	21.70	19.50	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	21.67	19.47	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	21.87	19.67	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	21.71	19.51	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	22.71	20.51	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	22.61	20.41	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	22.73	20.53	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	21.88	19.68	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	21.75	19.55	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	21.69	19.49	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	21.79	19.59	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	22.60	20.40	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	22.57	20.37	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	22.58	20.38	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	21.79	19.59	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	21.90	19.70	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	21.86	19.66	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	21.73	19.53	33.00	PASS





ANT5:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.96	20.76	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.16	20.96	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.96	20.76	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.14	19.94	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.16	19.96	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.11	19.91	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.17	19.97	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.76	20.56	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.93	20.73	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.90	20.70	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.96	19.76	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.05	19.85	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.10	19.90	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.01	19.81	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.88	20.68	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.82	20.62	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.69	20.49	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.03	19.83	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.01	19.81	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.04	19.84	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.02	19.82	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.31	20.11	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.04	19.84	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.65	20.45	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.22	19.02	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.24	19.04	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.29	19.09	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.18	18.98	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.98	19.78	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.30	20.10	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.08	19.88	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	19.93	18.73	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.06	18.86	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.11	18.91	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.01	18.81	33.00	PASS



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Band7	5MHz	16QAM	21425	1RB#0	21.35	20.15	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.42	20.22	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.89	19.69	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.08	18.88	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.03	18.83	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.13	18.93	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.06	18.86	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	19.89	18.69	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	20.01	18.81	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	20.02	18.82	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	19.13	17.93	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	19.02	17.82	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	19.02	17.82	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	18.88	17.68	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.00	18.80	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	19.87	18.67	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	19.97	18.77	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	19.04	17.84	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	19.01	17.81	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	18.87	17.67	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	19.02	17.82	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	19.97	18.77	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	19.97	18.77	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	19.95	18.75	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	18.99	17.79	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	19.05	17.85	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	18.89	17.69	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	19.01	17.81	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.88	20.68	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.91	20.71	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.86	20.66	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.05	19.85	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.20	20.00	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.14	19.94	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.16	19.96	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.88	20.68	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.02	20.82	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.91	20.71	33.00	PASS



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Band7	10MHz	QPSK	21100	25RB#0	21.04	19.84	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.01	19.81	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.09	19.89	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.02	19.82	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.88	20.68	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.05	20.85	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.74	20.54	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.97	19.77	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.02	19.82	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.88	19.68	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.95	19.75	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.02	19.82	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.27	20.07	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.30	20.10	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.13	18.93	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.20	19.00	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.26	19.06	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.22	19.02	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.38	20.18	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.27	20.07	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.52	20.32	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.93	18.73	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.03	18.83	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.10	18.90	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.11	18.91	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.13	19.93	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.18	19.98	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.06	19.86	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.95	18.75	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.06	18.86	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.03	18.83	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.15	18.95	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	19.94	18.74	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	20.02	18.82	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	19.94	18.74	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#0	18.99	17.79	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	19.00	17.80	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	19.06	17.86	33.00	PASS



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Band7	10MHz	64QAM	20800	50RB#0	19.06	17.86	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	20.03	18.83	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	19.94	18.74	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.05	18.85	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	18.96	17.76	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	18.89	17.69	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	18.89	17.69	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	19.04	17.84	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	19.94	18.74	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	19.95	18.75	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	20.01	18.81	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	19.12	17.92	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	18.99	17.79	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	19.12	17.92	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	19.14	17.94	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.99	20.79	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.13	20.93	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.16	20.96	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.15	19.95	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.20	20.00	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.24	20.04	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.16	19.96	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.84	20.64	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.91	20.71	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.05	20.85	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.97	19.77	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.05	19.85	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.13	19.93	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.98	19.78	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.90	20.70	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.05	20.85	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.71	20.51	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.99	19.79	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.08	19.88	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.95	19.75	33.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.09	19.89	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.38	20.18	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.63	20.43	33.00	PASS



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Band7	15MHz	16QAM	20825	1RB#74	21.23	20.03	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.13	18.93	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.19	18.99	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.26	19.06	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.12	18.92	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.79	19.59	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.52	20.32	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.62	20.42	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.06	18.86	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.05	18.85	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.11	18.91	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.98	18.78	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.06	19.86	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.42	20.22	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.73	19.53	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.03	18.83	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.13	18.93	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.06	18.86	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.12	18.92	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.05	18.85	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	19.96	18.76	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	20.03	18.83	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	18.89	17.69	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	18.94	17.74	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	19.07	17.87	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	18.99	17.79	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	19.87	18.67	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	19.98	18.78	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	19.99	18.79	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	19.01	17.81	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	19.06	17.86	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	19.00	17.80	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	18.97	17.77	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	19.94	18.74	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	20.05	18.85	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#74	19.87	18.67	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	19.00	17.80	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	18.99	17.79	33.00	PASS



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Band7	15MHz	64QAM	21375	38RB#37	19.08	17.88	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	18.98	17.78	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.01	20.81	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.93	20.73	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.24	21.04	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.11	19.91	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.12	19.92	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.17	19.97	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.14	19.94	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.00	20.80	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.96	20.76	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.08	20.88	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.93	19.73	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.05	19.85	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.13	19.93	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.98	19.78	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.88	20.68	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.02	20.82	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.84	20.64	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.98	19.78	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.97	19.77	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.11	19.91	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.94	19.74	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.55	20.35	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.59	20.39	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.67	20.47	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.05	18.85	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.15	18.95	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.17	18.97	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.12	18.92	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.10	19.90	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.55	20.35	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.69	20.49	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.93	18.73	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.03	18.83	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.13	18.93	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.93	18.73	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.06	19.86	33.00	PASS



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Band7	20MHz	16QAM	21350	1RB#49	20.85	19.65	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.96	19.76	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	19.98	18.78	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.07	18.87	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.16	18.96	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.06	18.86	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	19.90	18.70	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.04	18.84	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	19.96	18.76	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	19.06	17.86	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	18.89	17.69	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	19.15	17.95	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	19.08	17.88	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	19.96	18.76	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	19.94	18.74	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	19.97	18.77	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	19.03	17.83	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	19.04	17.84	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	18.92	17.72	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	18.94	17.74	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	20.03	18.83	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	20.05	18.85	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	19.92	18.72	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	19.13	17.93	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	19.00	17.80	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	19.09	17.89	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	18.91	17.71	33.00	PASS

Remark:

1. For Ant1& Ant2 & Ant3 & Ant5, the whole testing has assessed Ant2 & Ant5 by referring to the higher conducted power.
2. The Maximum ERP/EIRP is calculated from Max Output power and Max antenna gain, only the maximum ERP/EIRP is shown in the report
3. For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,
ERP [dBm] = Conducted Power [dBm] + Gain [dBd]
EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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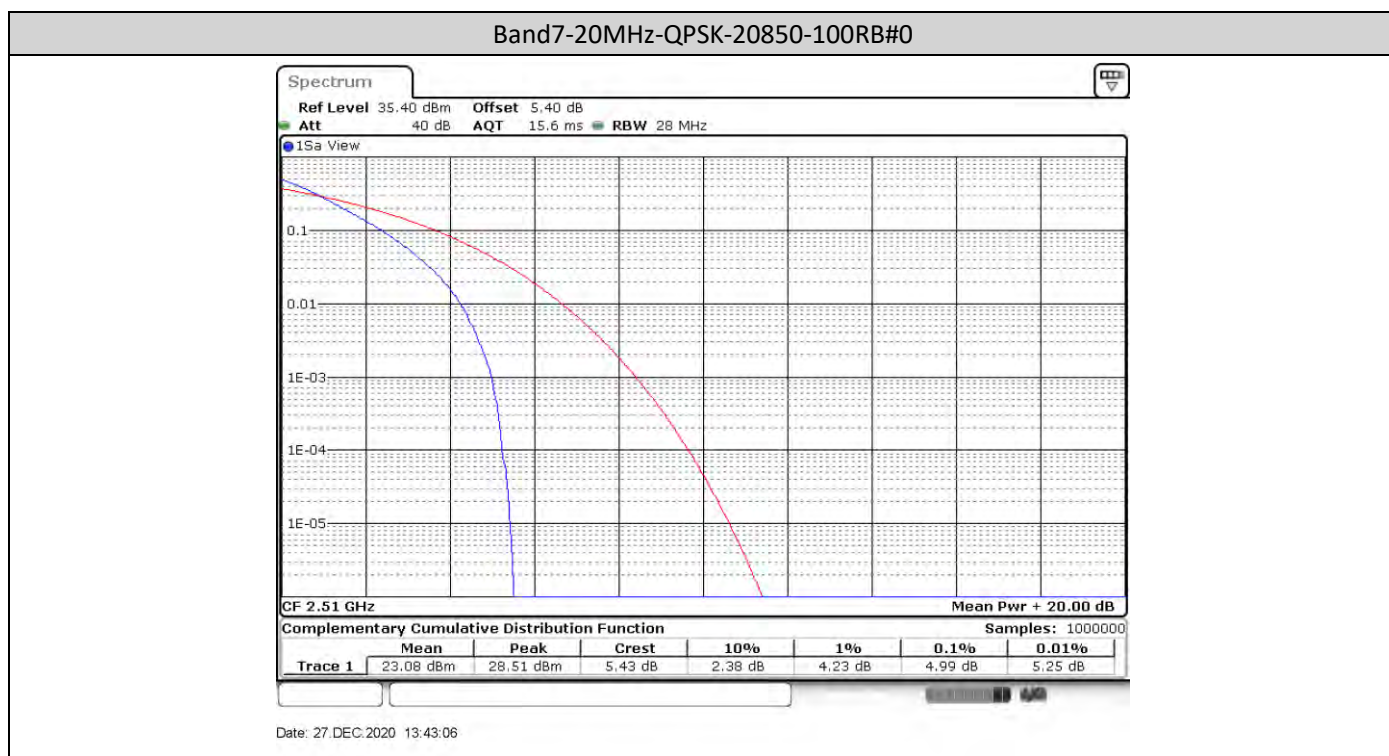


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

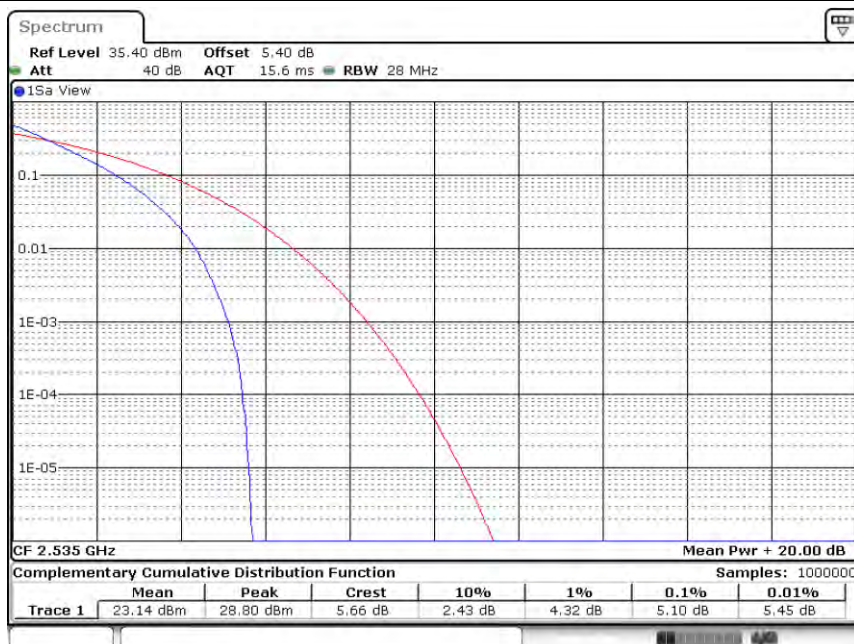
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.99	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.10	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.96	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.43	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.55	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.49	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.94	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.94	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.83	13	PASS

2.2. Test Plots



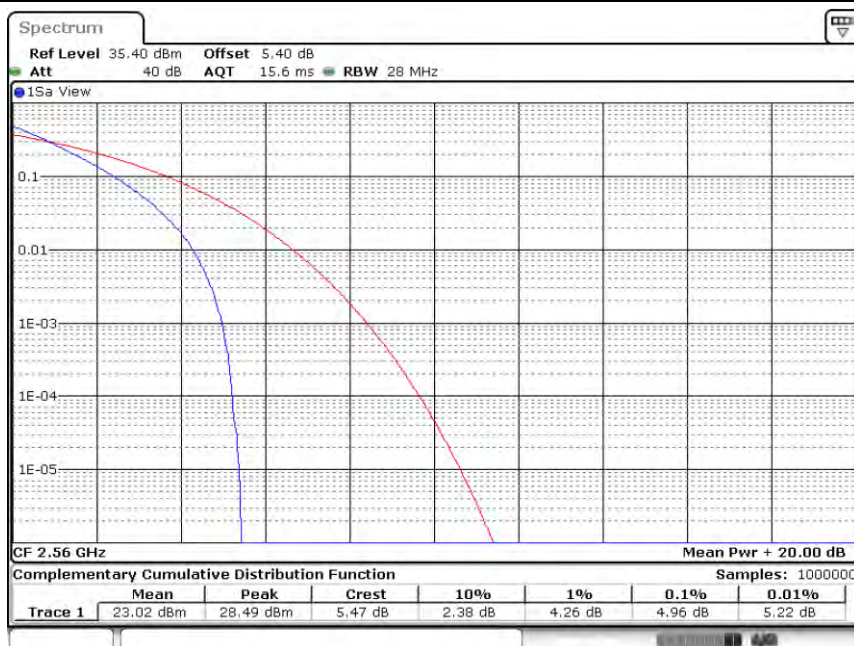


Band7-20MHz-QPSK-21100-100RB#0



Date: 27.DEC.2020 13:43:29

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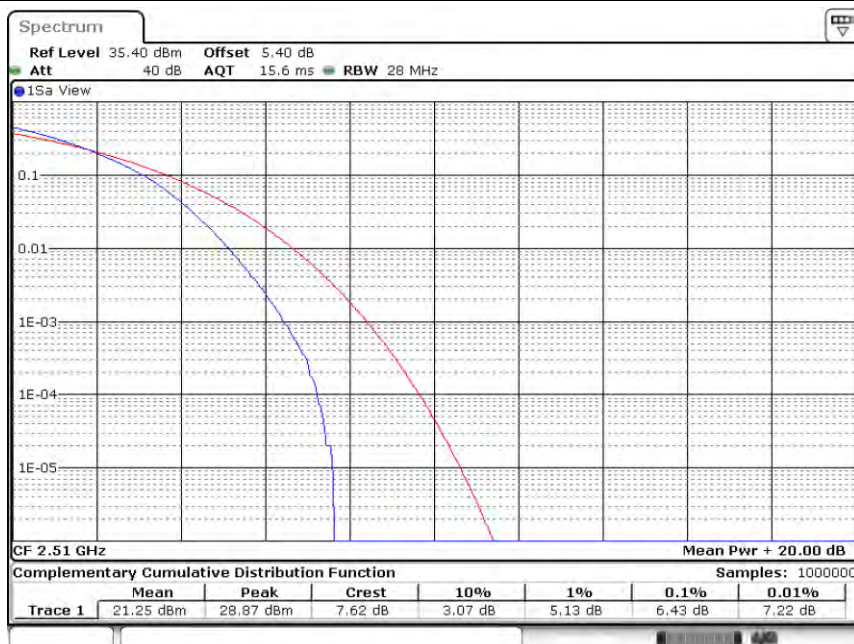


Date: 27.DEC.2020 13:43:52





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



Date: 28 DEC. 2020 19:55:48

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



Date: 28 DEC. 2020 19:56:00



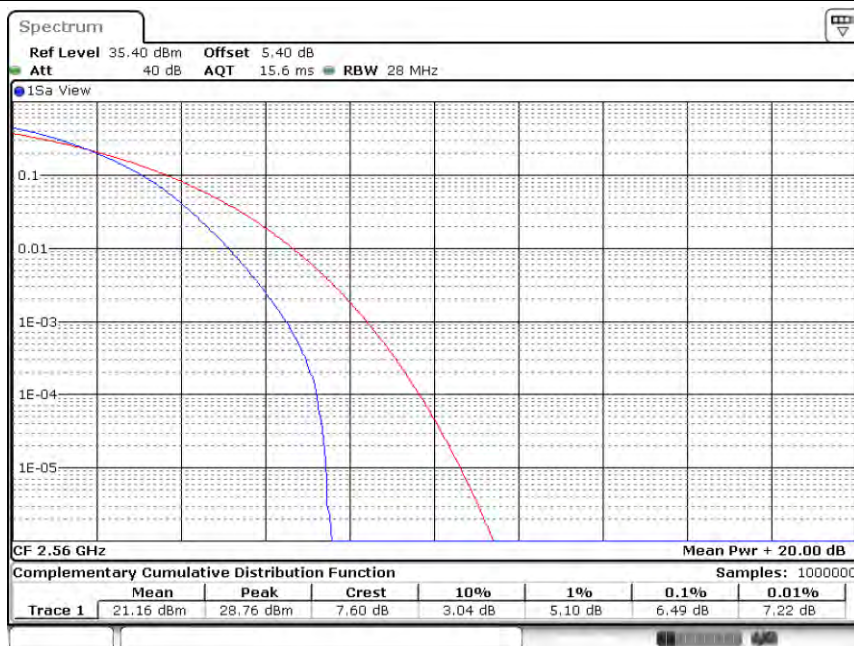
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Band7-20MHz-64QAM-21350-100RB#0



Date: 28 DEC. 2020 19:56:12

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



Date: 27 DEC. 2020 13:43:17



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



Date: 27 DEC 2020 13:43:40

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



Date: 27 DEC 2020 13:44:03



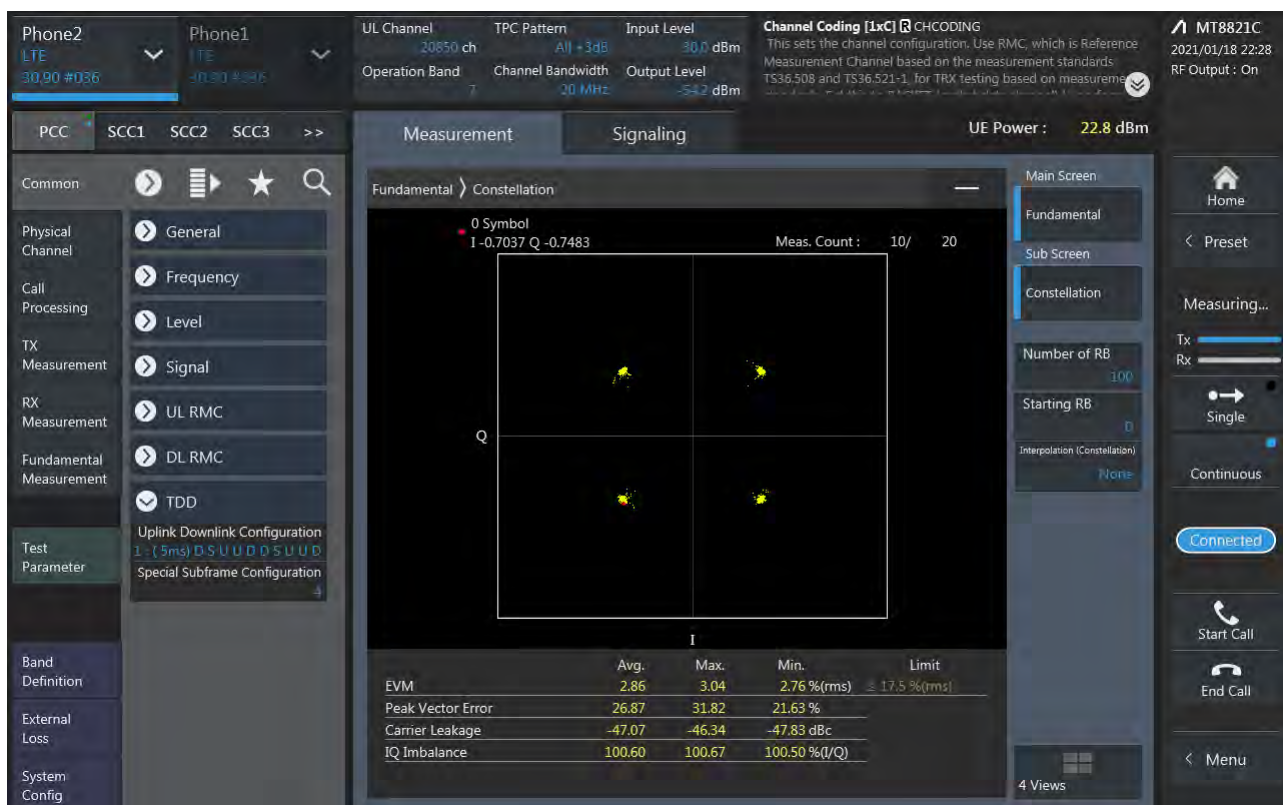


3. Modulation Characteristics

3.1. Test Band = LTE Band 7

3.1.1. Test Mode = LTE /TM1 20MHz

3.1.1.1. Test Channel = MCH



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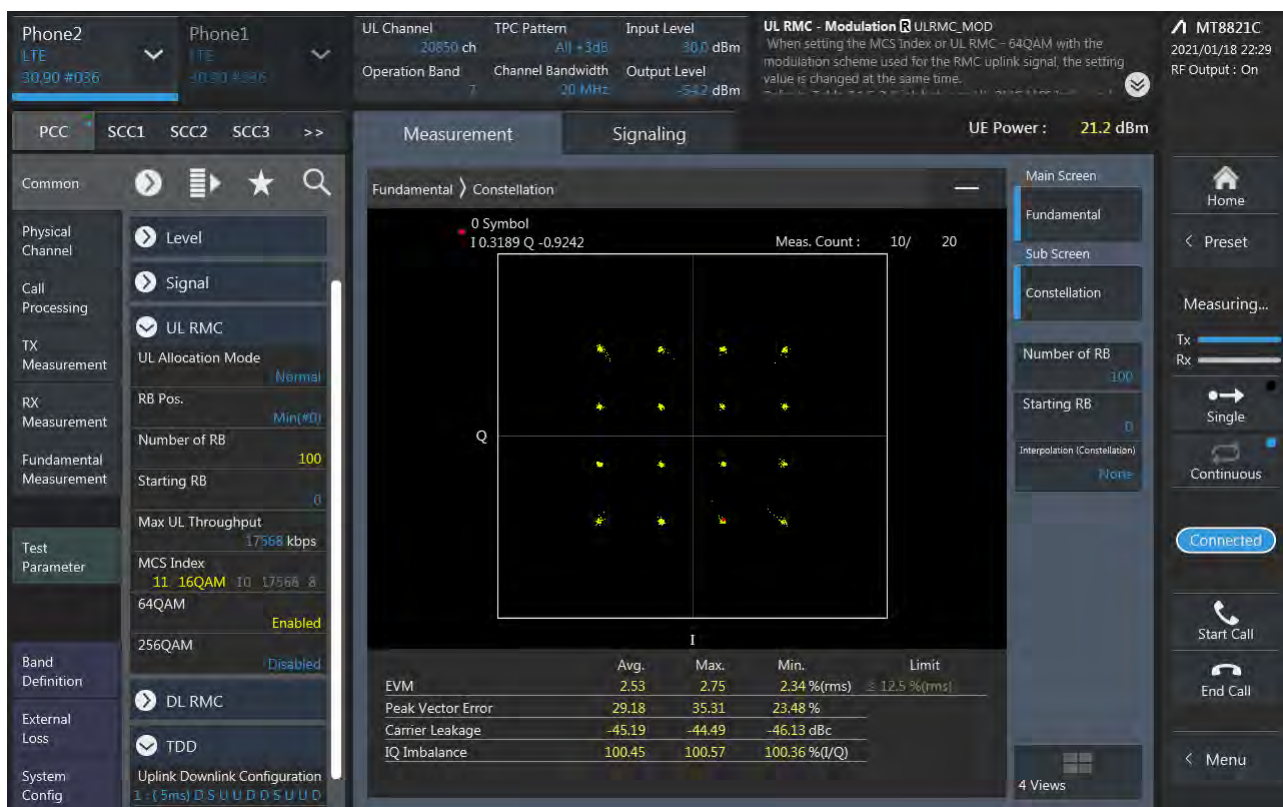
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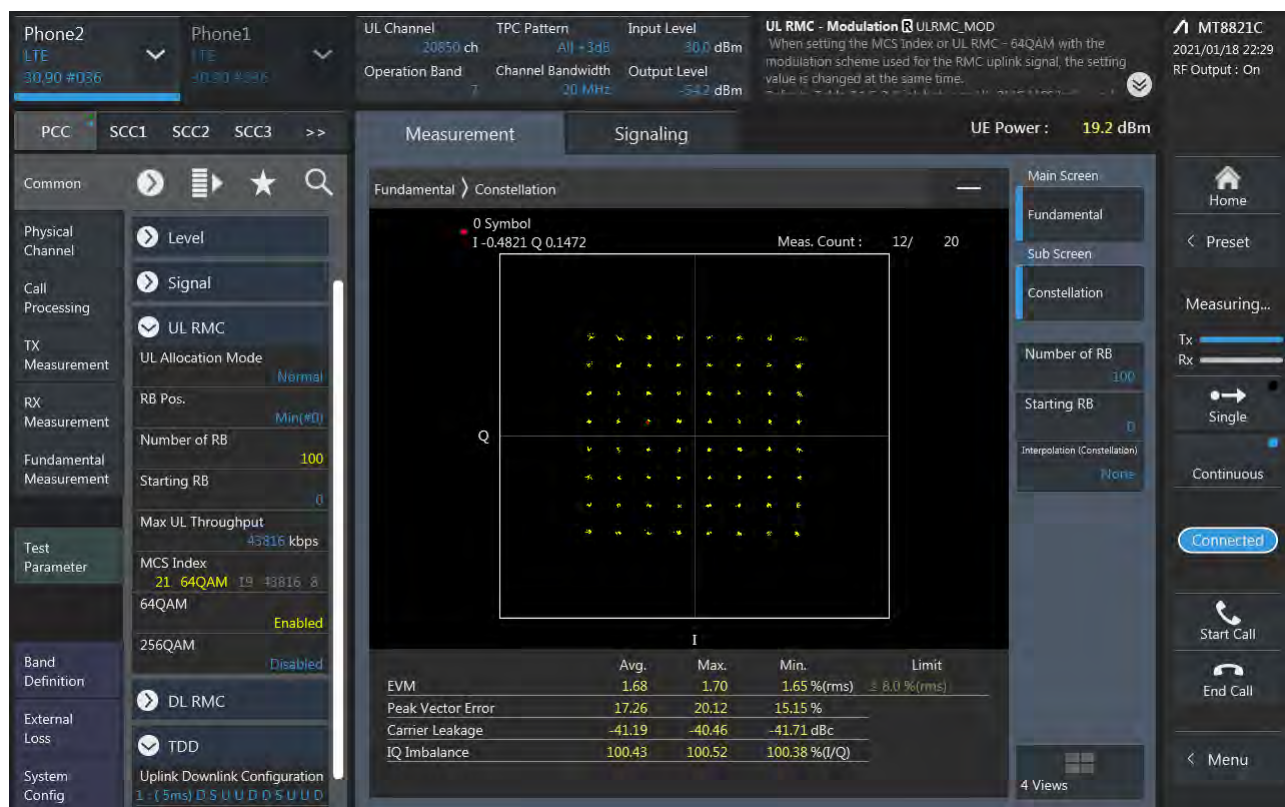
3.1.2. Test Mode = LTE /TM2 20MHz

3.1.2.1. Test Channel = MCH



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	4.880	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.466	4.880	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.880	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.466	4.880	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.900	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.870	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.940	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.476	4.940	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.476	4.930	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.660	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.931	9.680	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.911	9.620	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.911	9.620	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.620	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.931	9.620	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.740	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.720	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.931	9.740	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.427	14.760	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.457	14.700	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.457	14.730	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.427	14.760	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.880	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.427	15.090	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.457	14.730	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.457	15.840	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.457	14.670	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	19.360	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.862	19.440	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	19.400	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.822	19.320	PASS



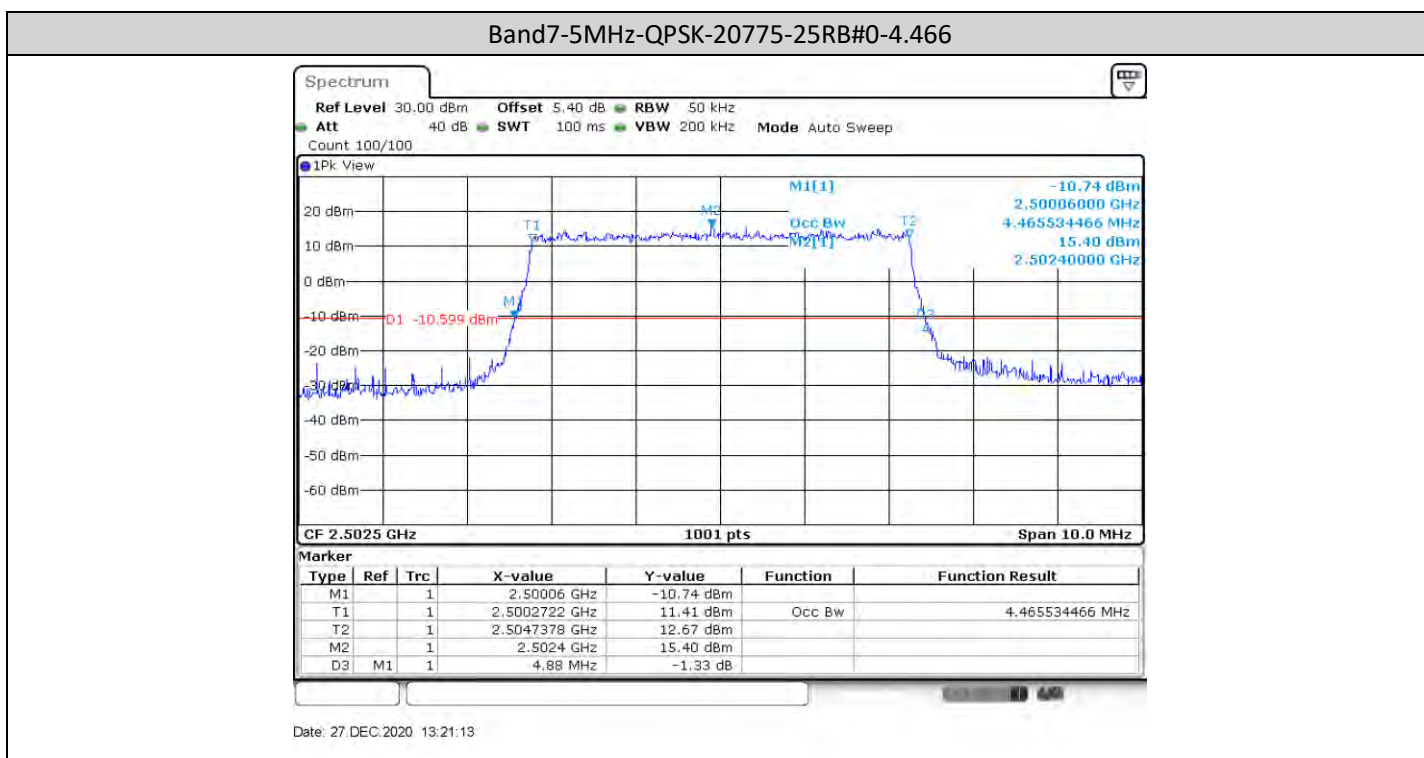
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Band7	20MHz	64QAM	21100	100RB#0	17.862	19.400	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.822	19.280	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.862	19.280	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.902	19.400	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.862	19.320	PASS

4.2. Test Plots

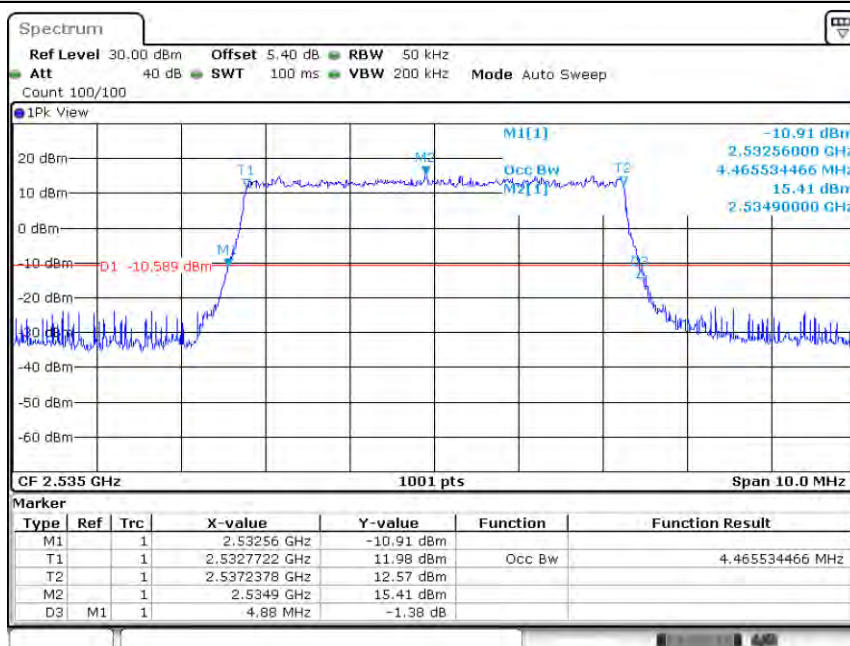


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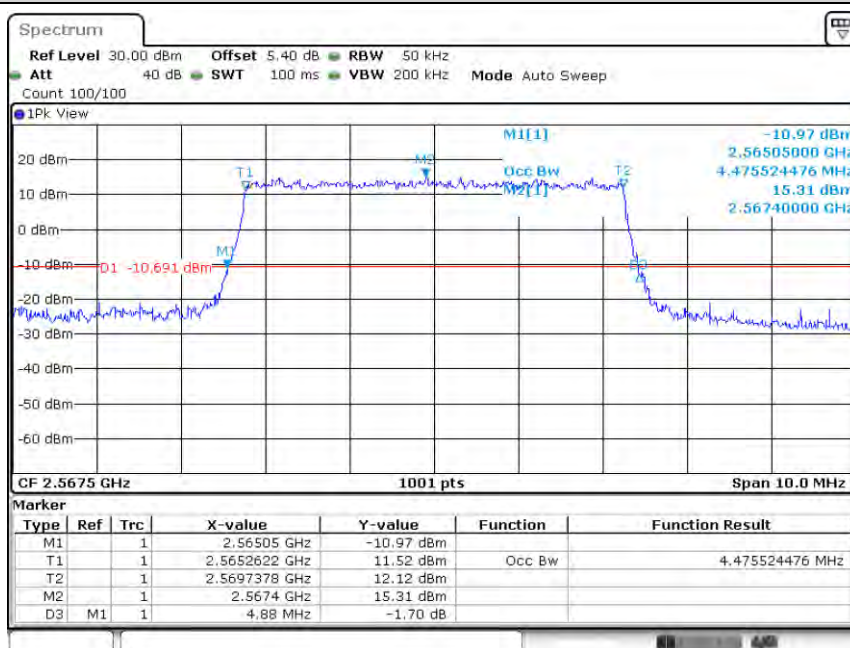


Band7-5MHz-QPSK-21100-25RB#0-4.466



Date: 27 DEC. 2020 13:21:53

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



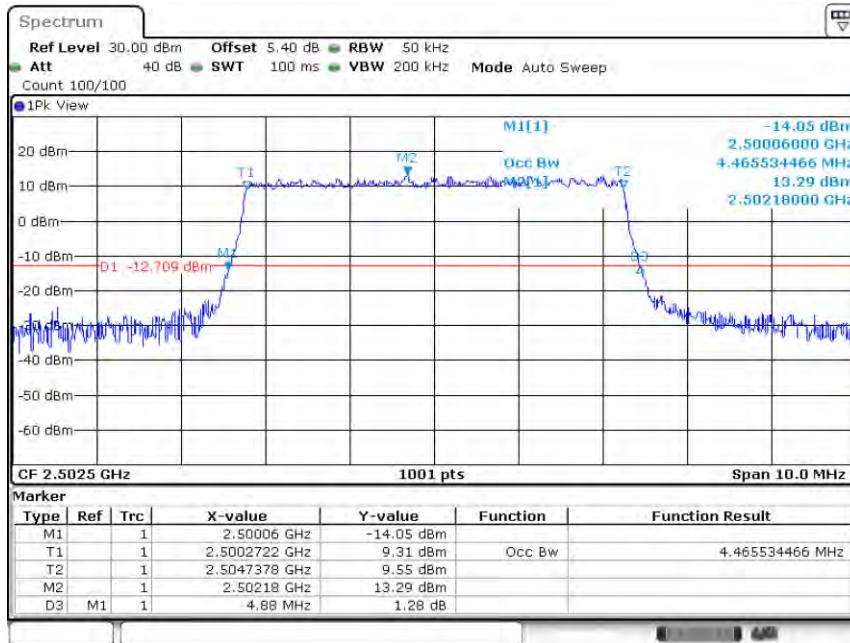
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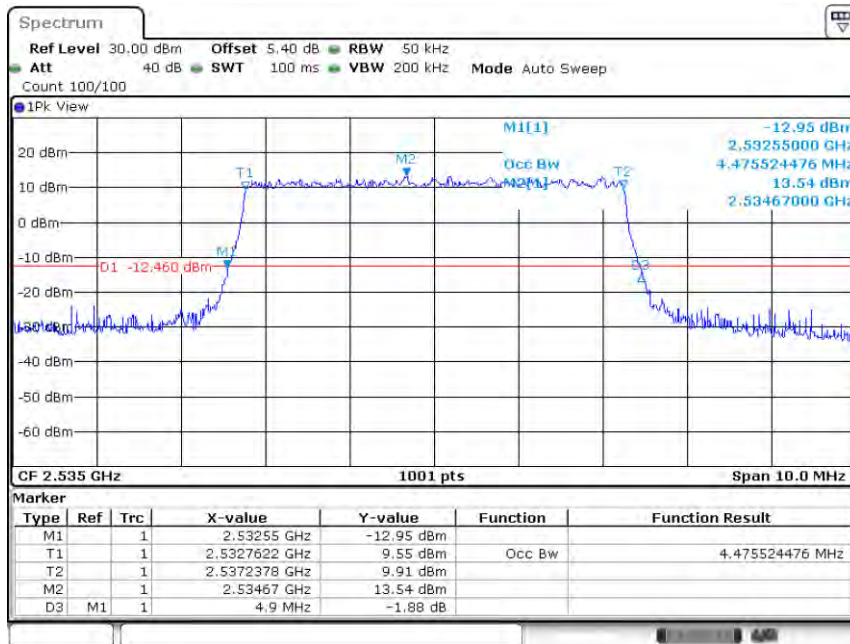
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Band7-5MHz-64QAM-20775-25RB#0-4.466



Date: 28 DEC. 2020 19:44:10

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



Date: 28 DEC. 2020 19:44:30

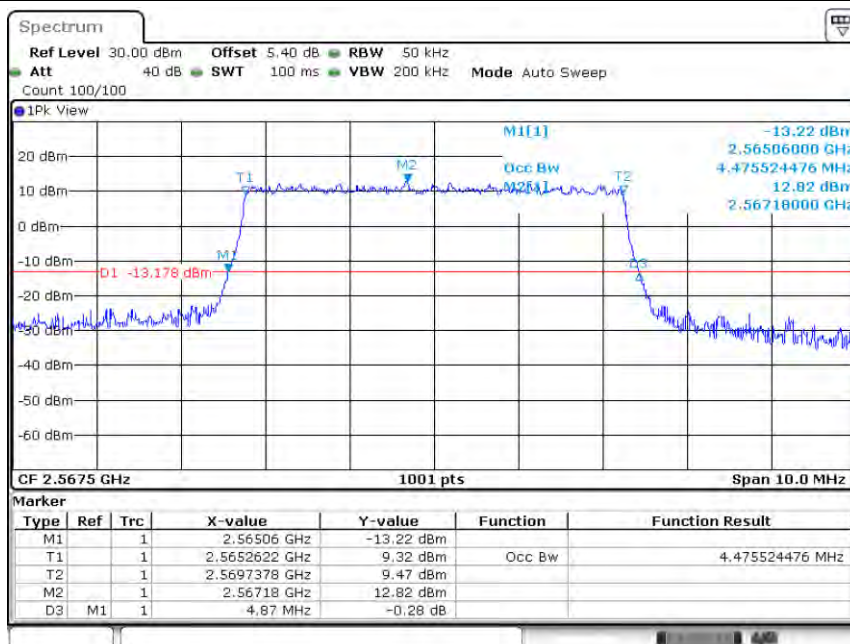


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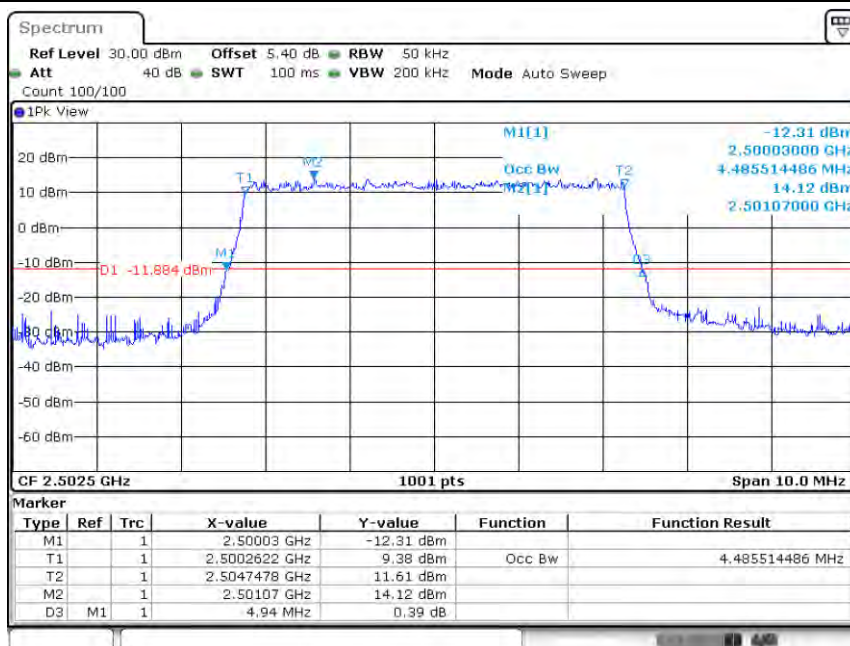


Band7-5MHz-64QAM-21425-25RB#0-4.476



Date: 28 DEC. 2020 19:44:50

Band7-5MHz-16QAM-20775-25RB#0-4.486



Date: 27 DEC. 2020 13:21:33

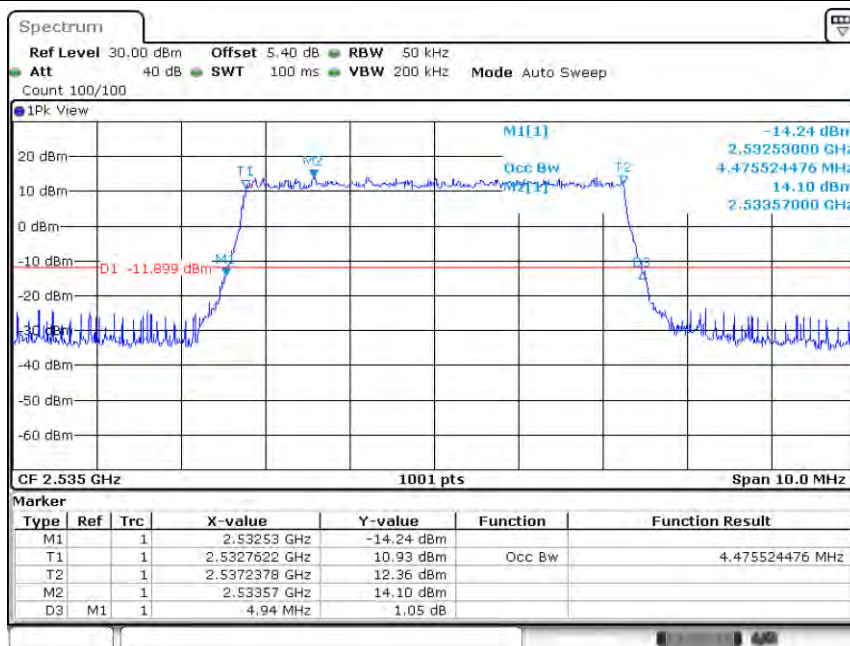


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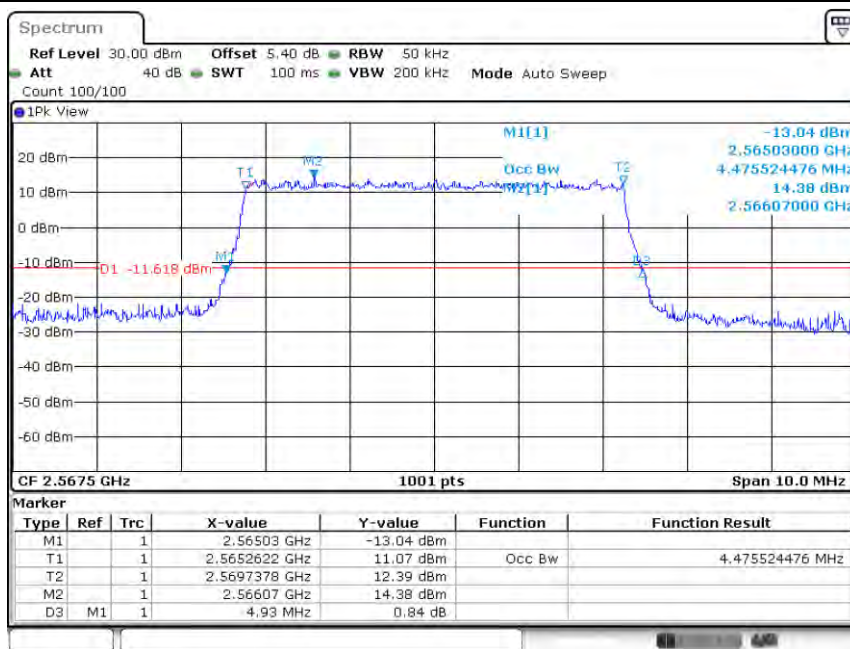


Band7-5MHz-16QAM-21100-25RB#0-4.476



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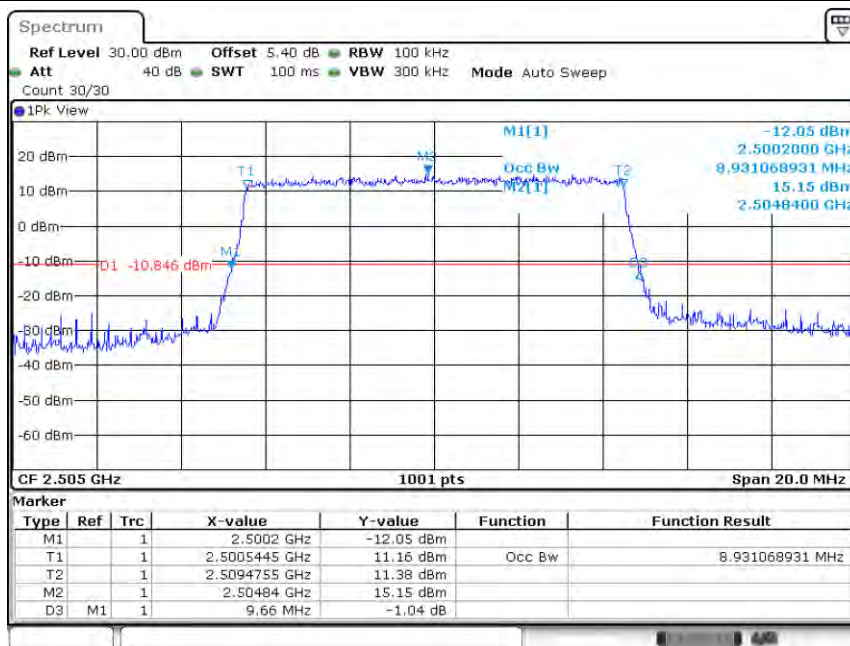


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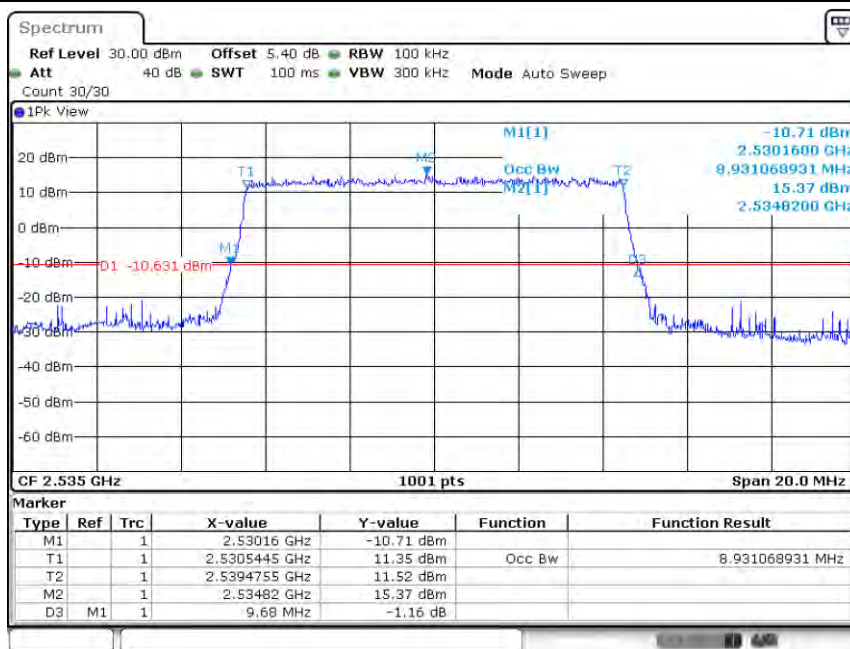


Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 27 DEC.2020 13:23:11

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



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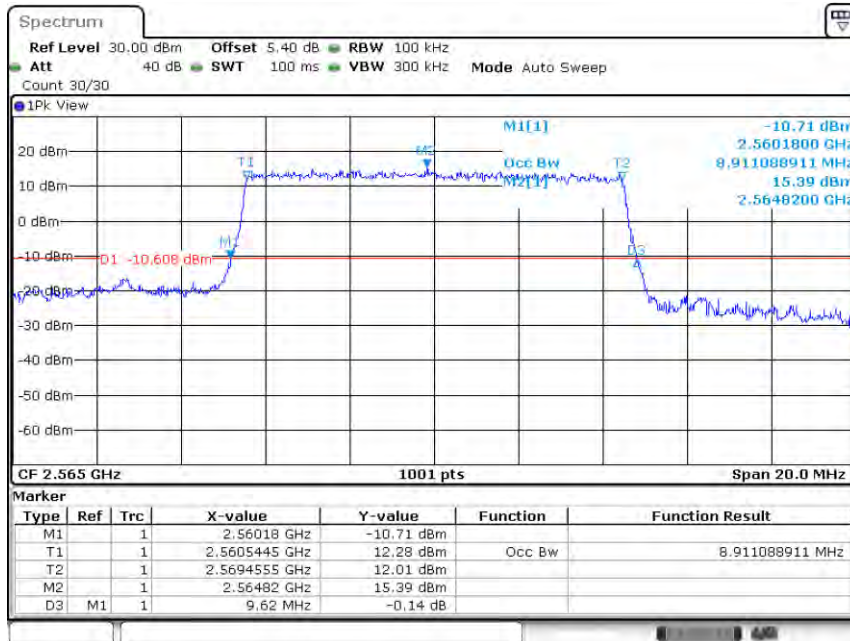


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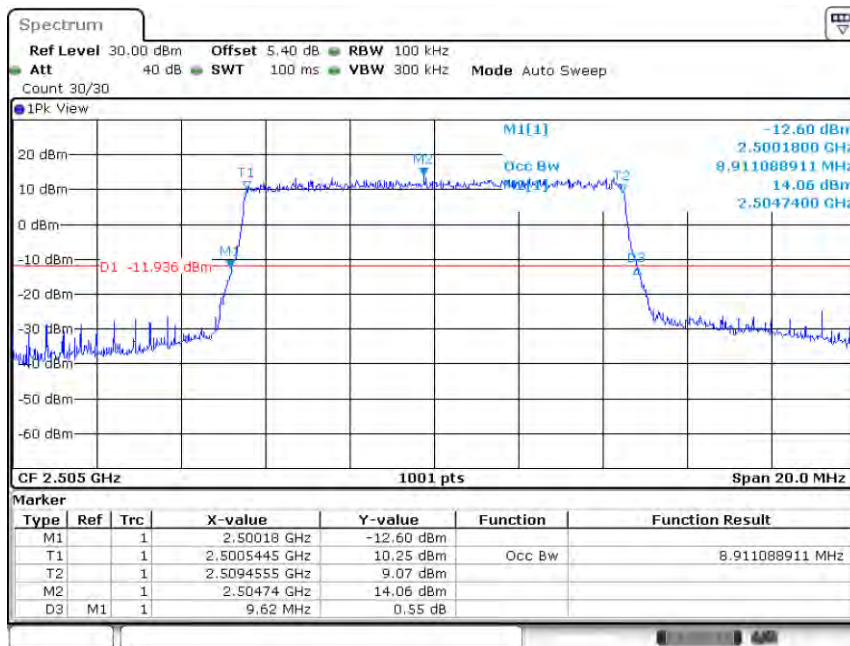


Band7-10MHz-QPSK-21400-50RB#0-8.911



Date: 27 DEC. 2020 13:24:02

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



Date: 28 DEC. 2020 19:45:08



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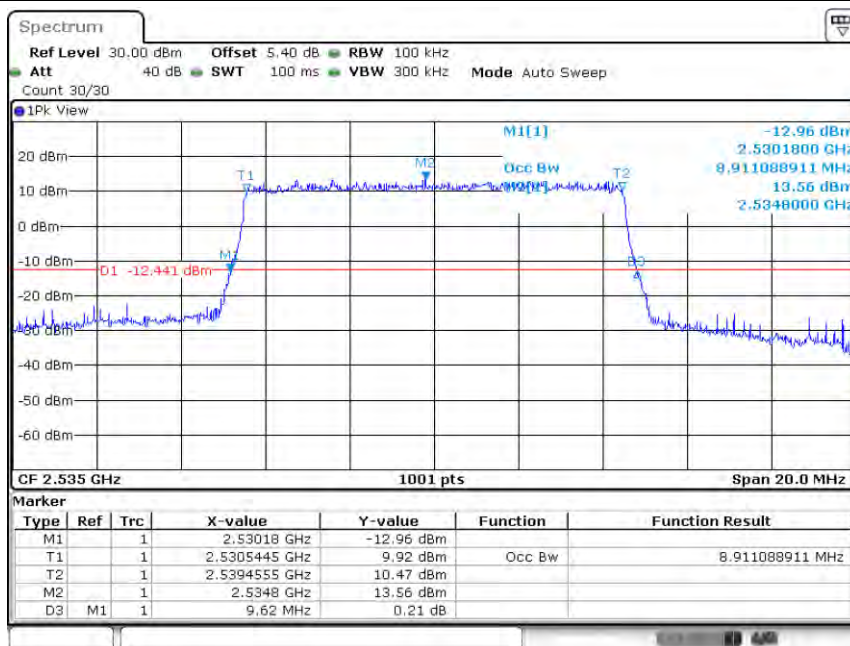
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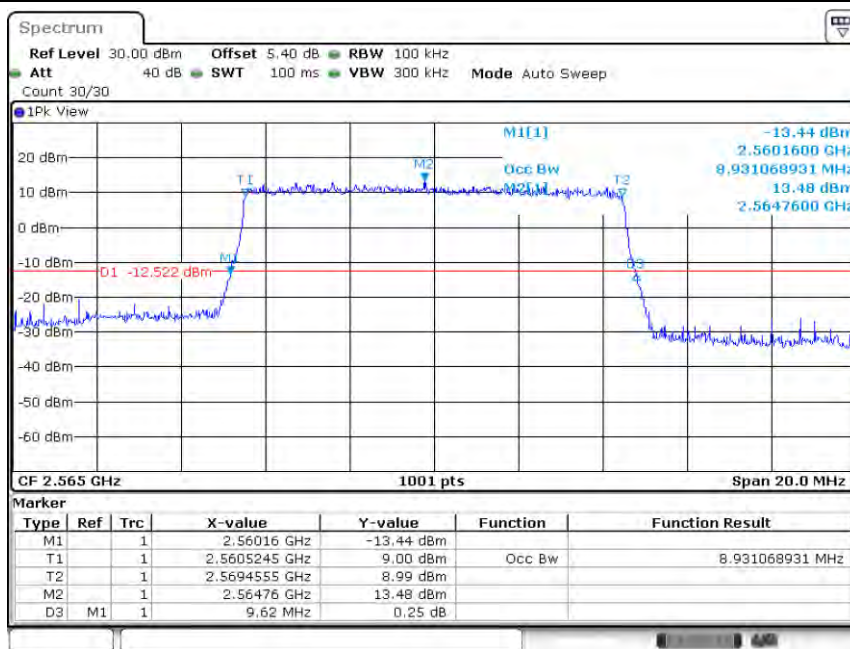


Band7-10MHz-64QAM-21100-50RB#0-8.911



Date: 28 DEC. 2020 19:45:21

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



Date: 28 DEC. 2020 19:45:34

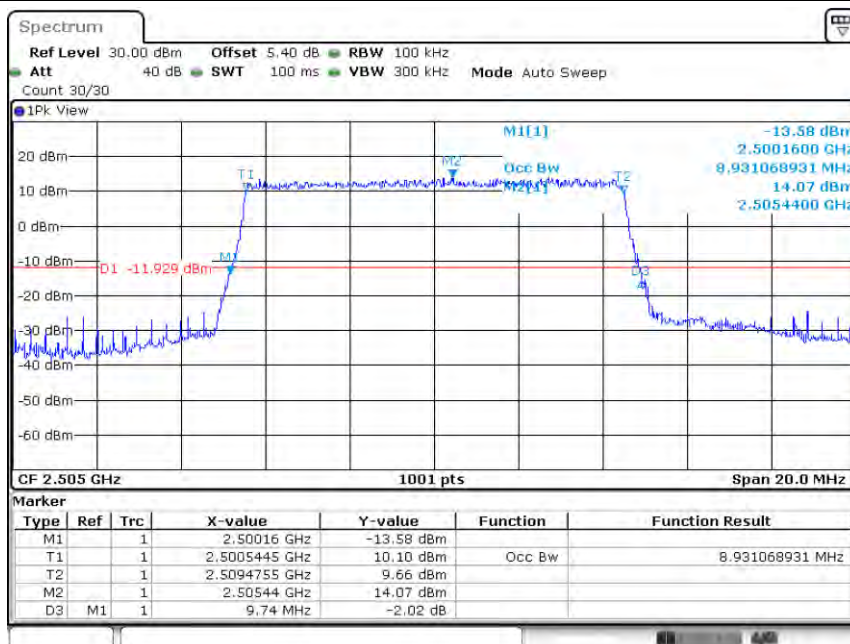


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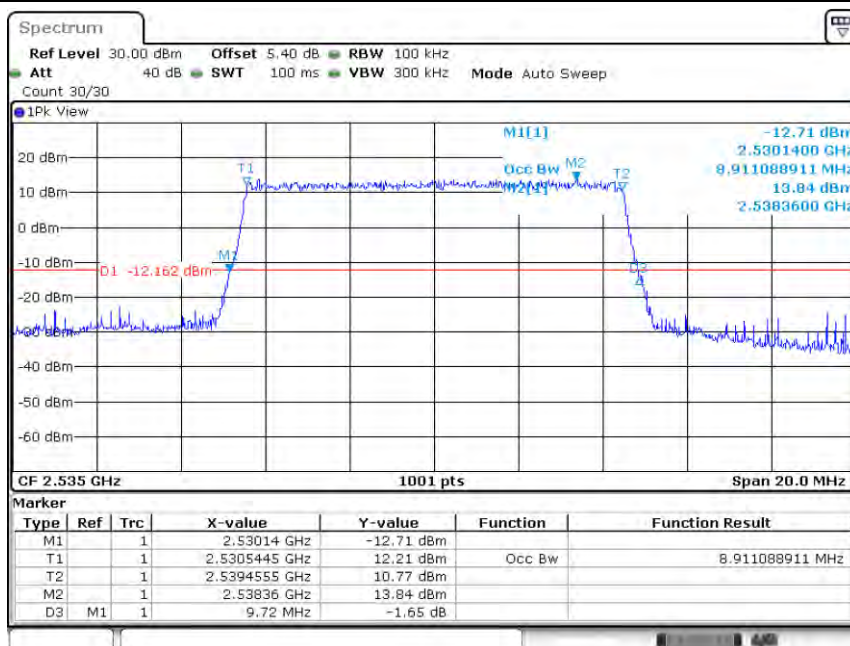


Band7-10MHz-16QAM-20800-50RB#0-8.931



Date: 27.DEC.2020 13:23:23

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



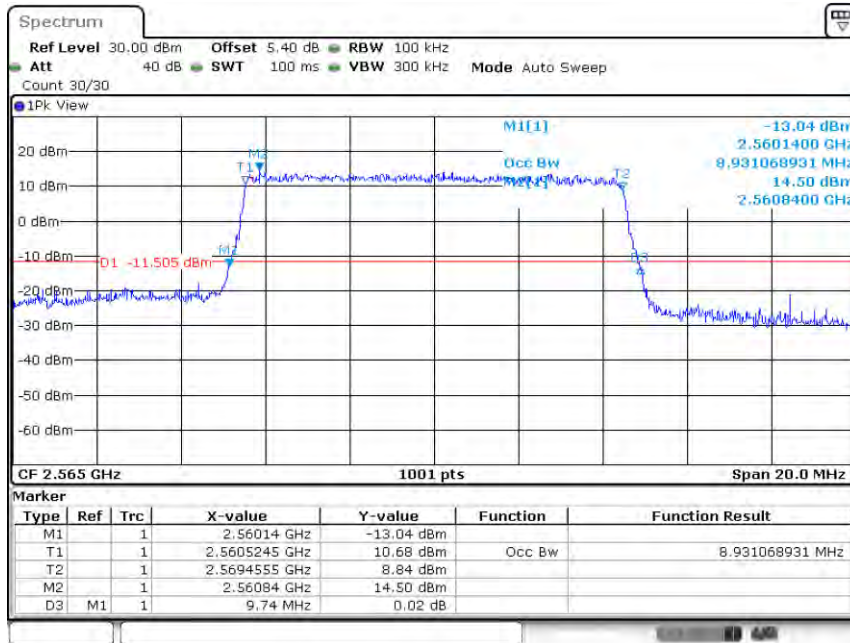
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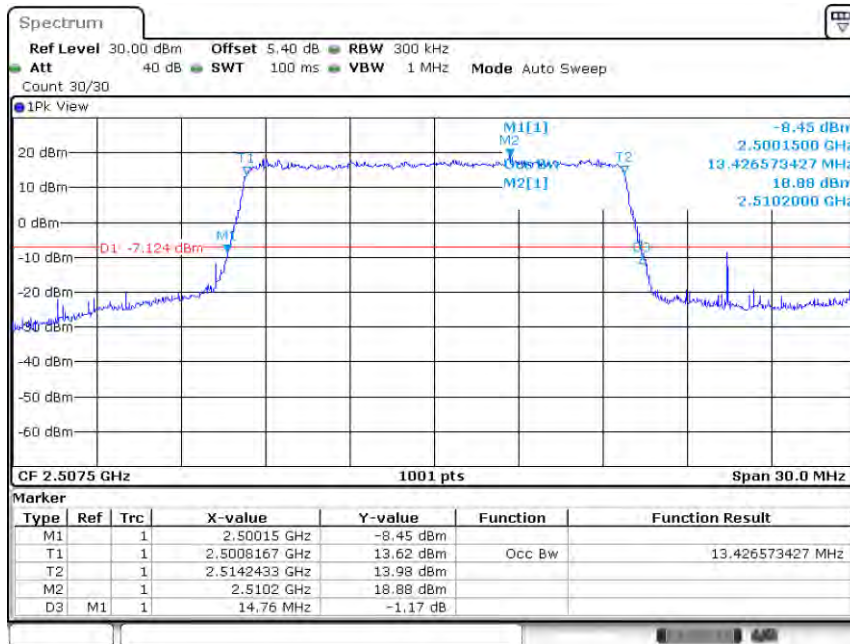
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Band7-10MHz-16QAM-21400-50RB#0-8.931



Date: 27 DEC. 2020 13:24:15

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



Date: 27 DEC. 2020 13:24:33



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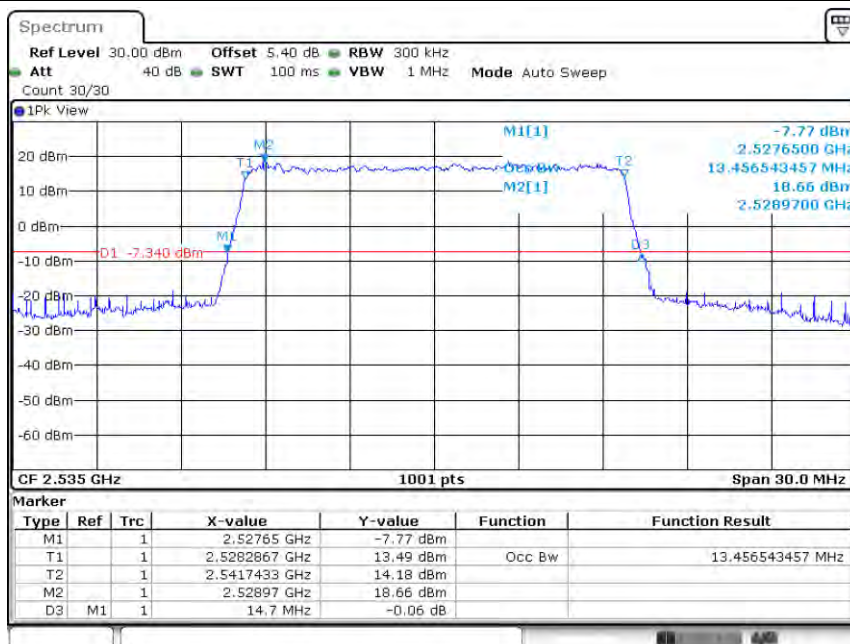
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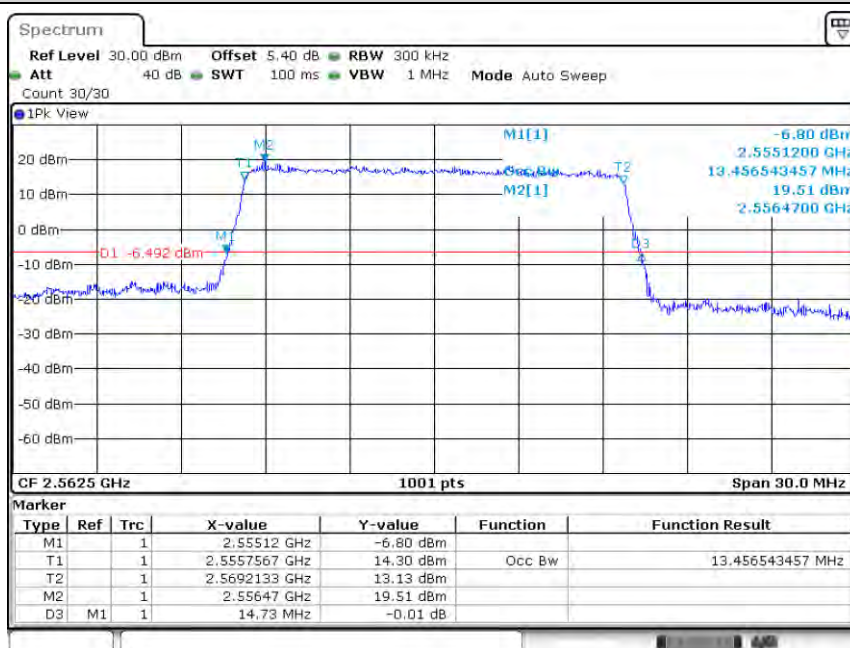


Band7-15MHz-QPSK-21100-75RB#0-13.457



Date: 27 DEC. 2020 13:24:58

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



Date: 27 DEC. 2020 13:25:24

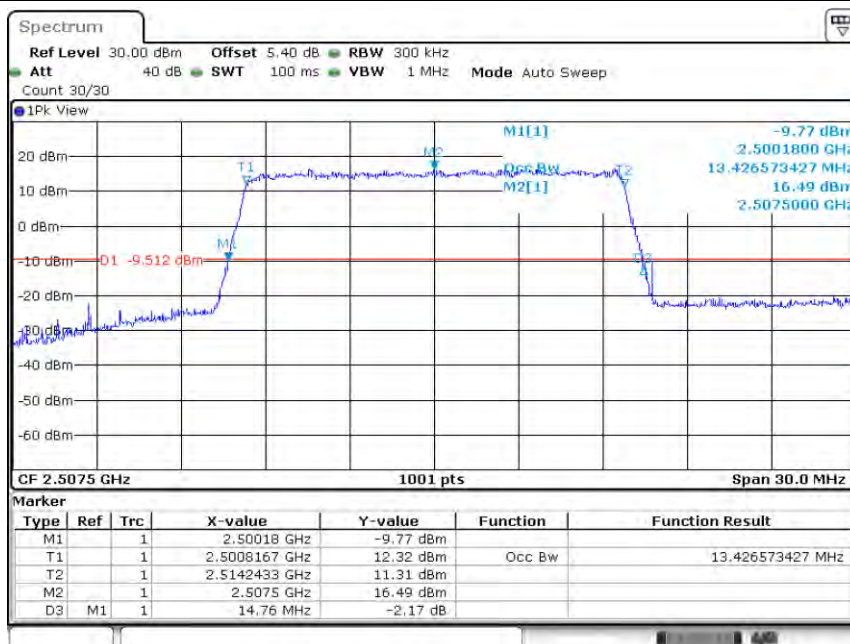


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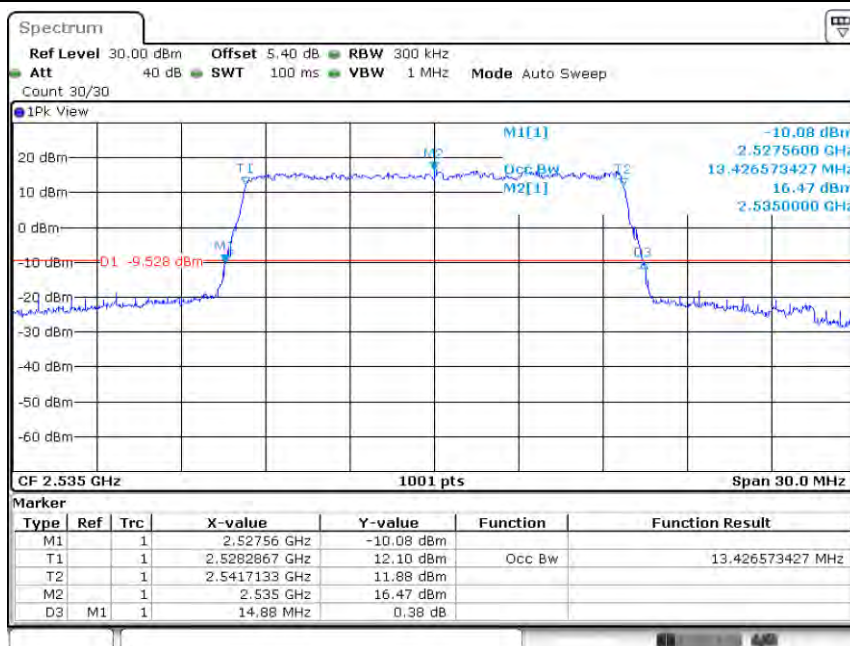


Band7-15MHz-64QAM-20825-75RB#0-13.427



Date: 28 DEC. 2020 19:45:52

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



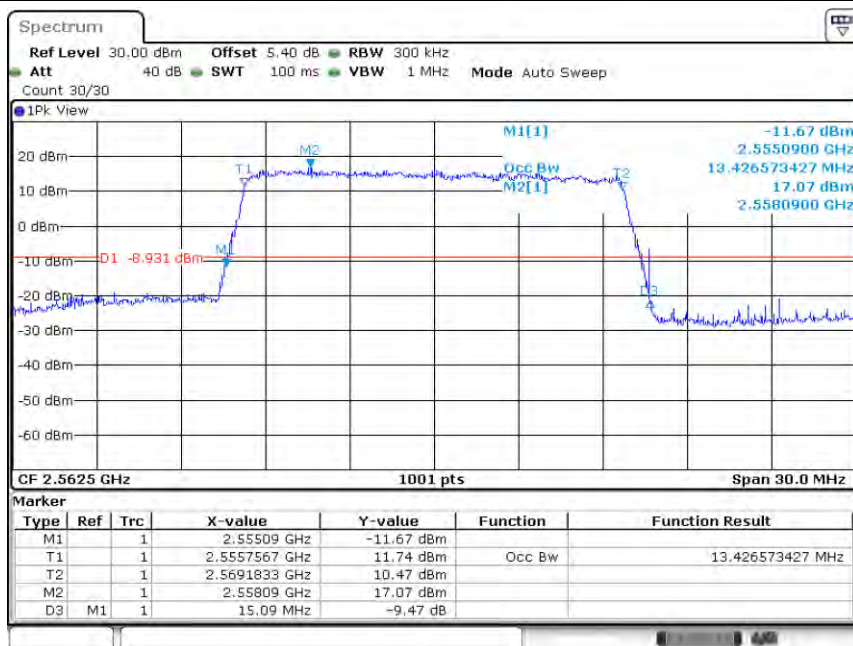
Date: 28 DEC. 2020 19:46:05



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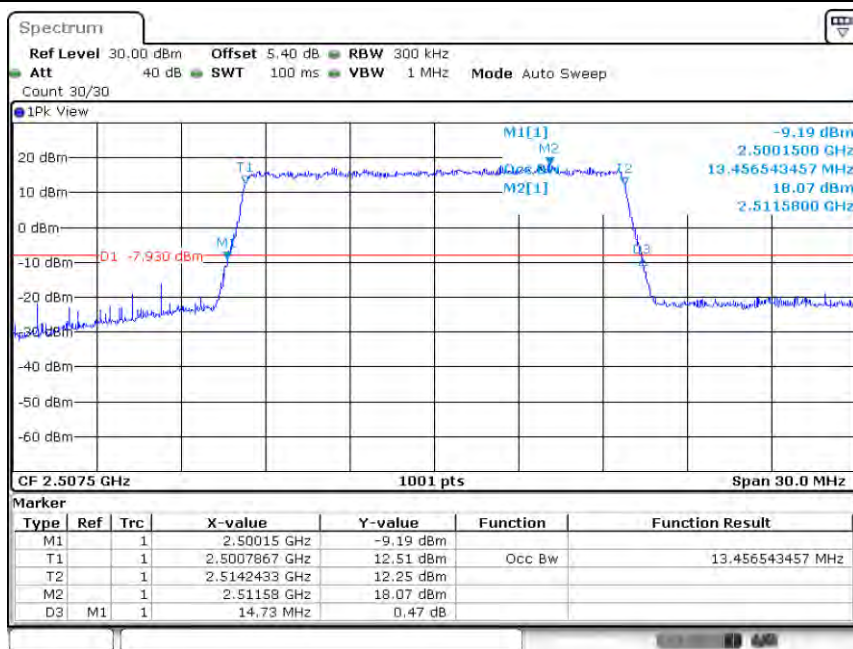
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Band7-15MHz-64QAM-21375-75RB#0-13.427



Date: 28 DEC. 2020 19:46:17

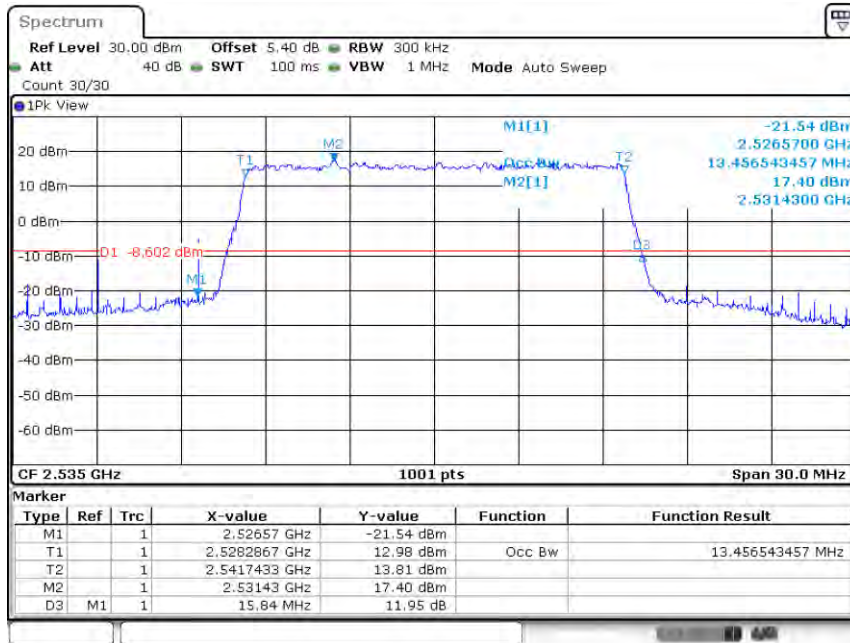
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Date: 27 DEC. 2020 13:24:45

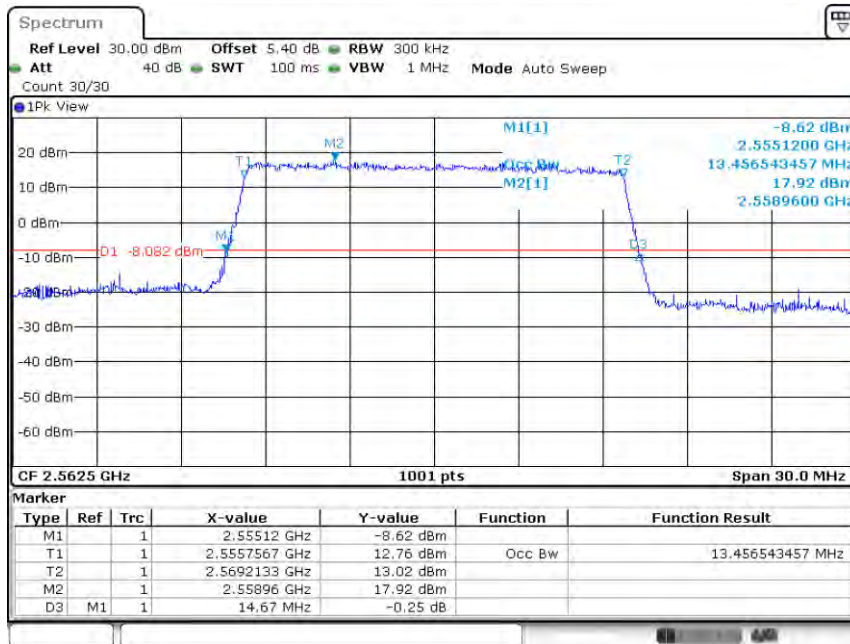


Band7-15MHz-16QAM-21100-75RB#0-13.457



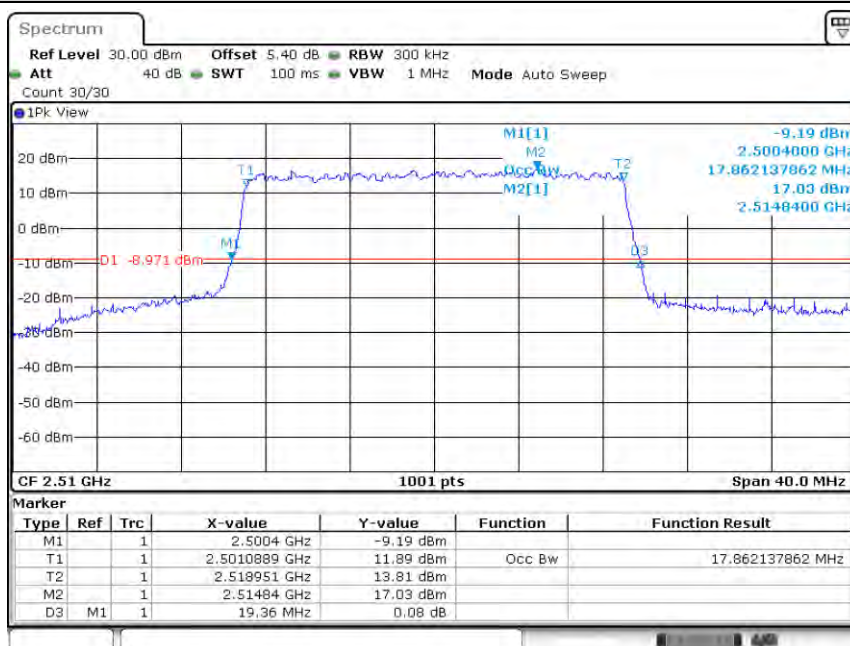
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Band7-15MHz-16QAM-21375-75RB#0-13.457



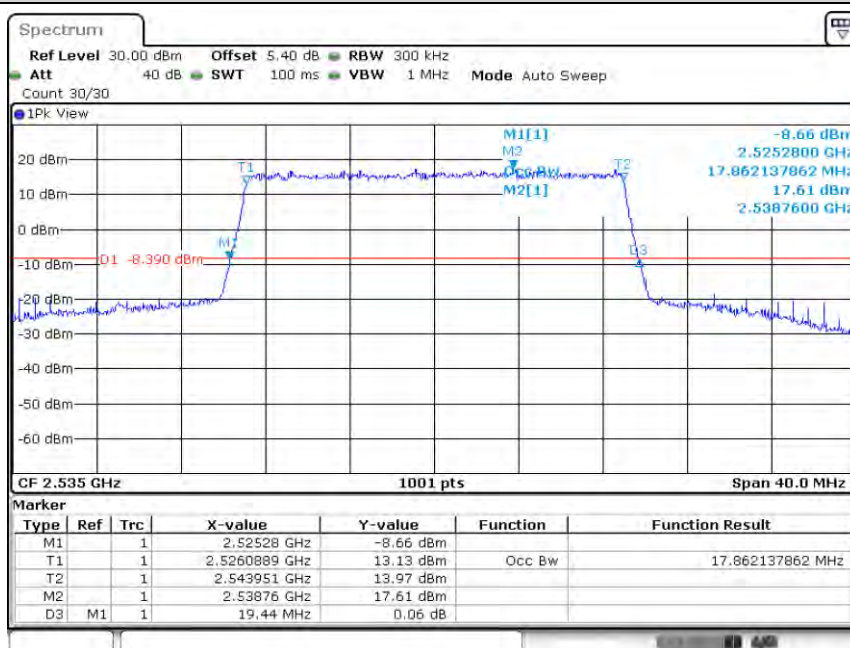
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Band7-20MHz-QPSK-20850-100RB#0-17.862



Date: 27 DEC. 2020 13:25:55

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



Date: 27 DEC. 2020 13:26:20



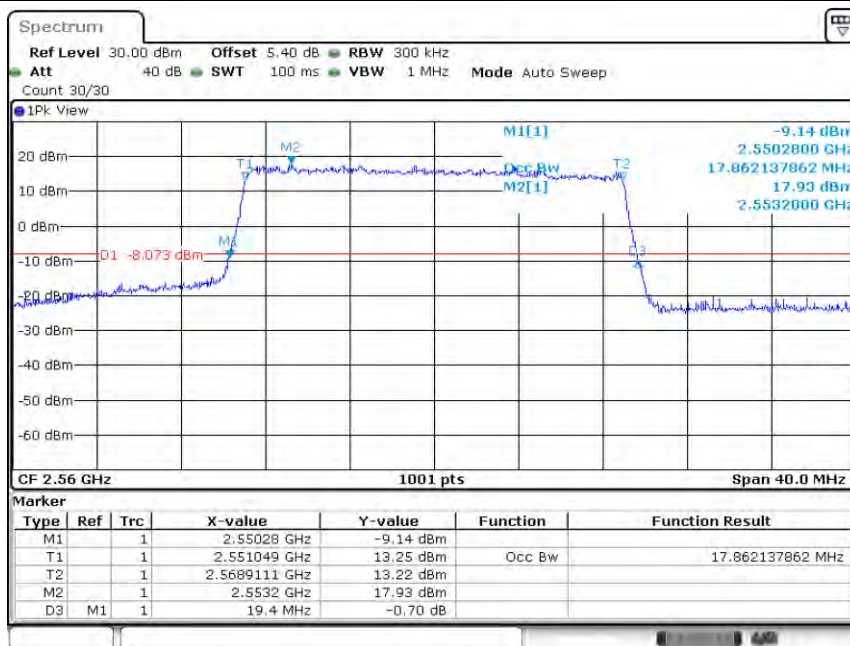
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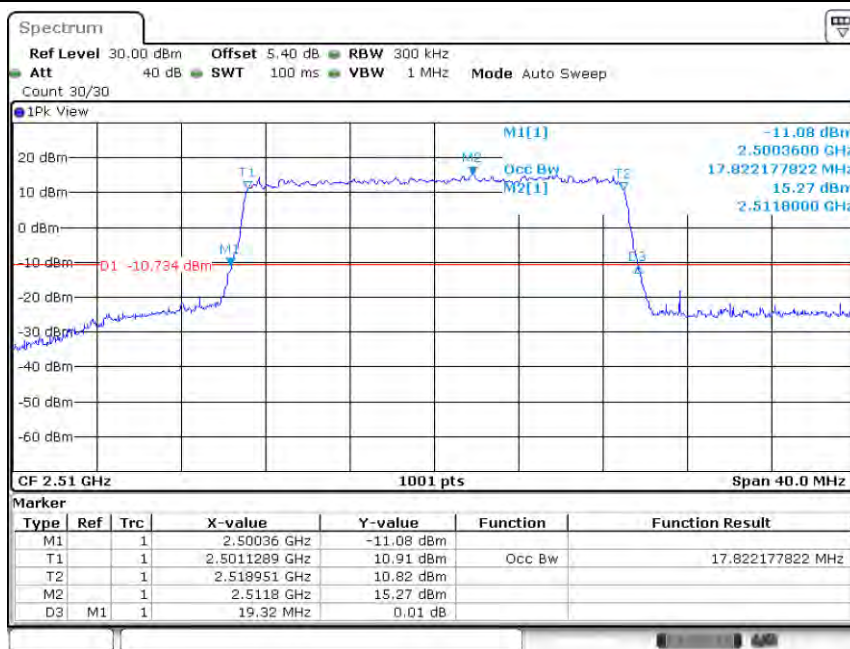


Band7-20MHz-QPSK-21350-100RB#0-17.862



Date: 27 DEC. 2020 13:26:46

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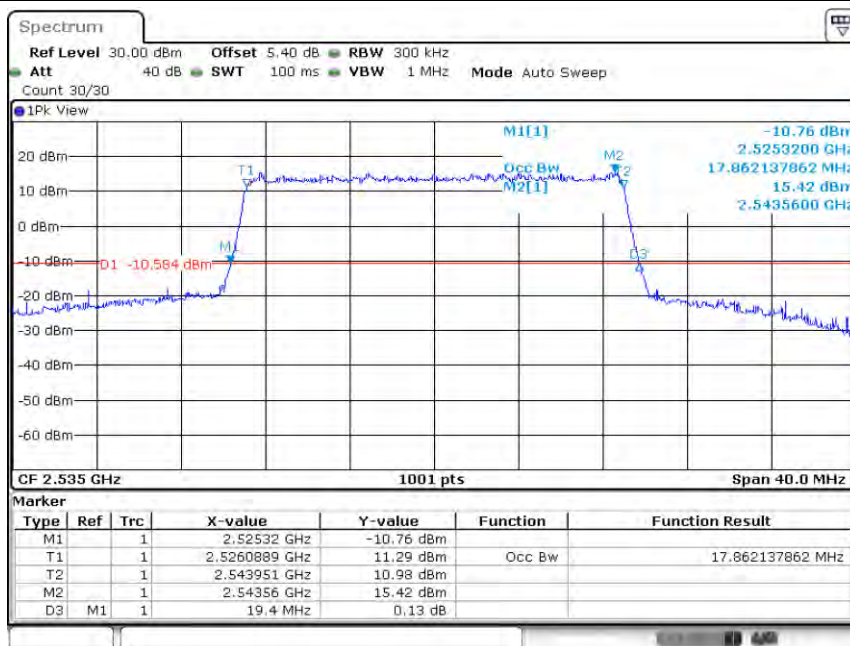


Date: 28 DEC. 2020 19:46:35



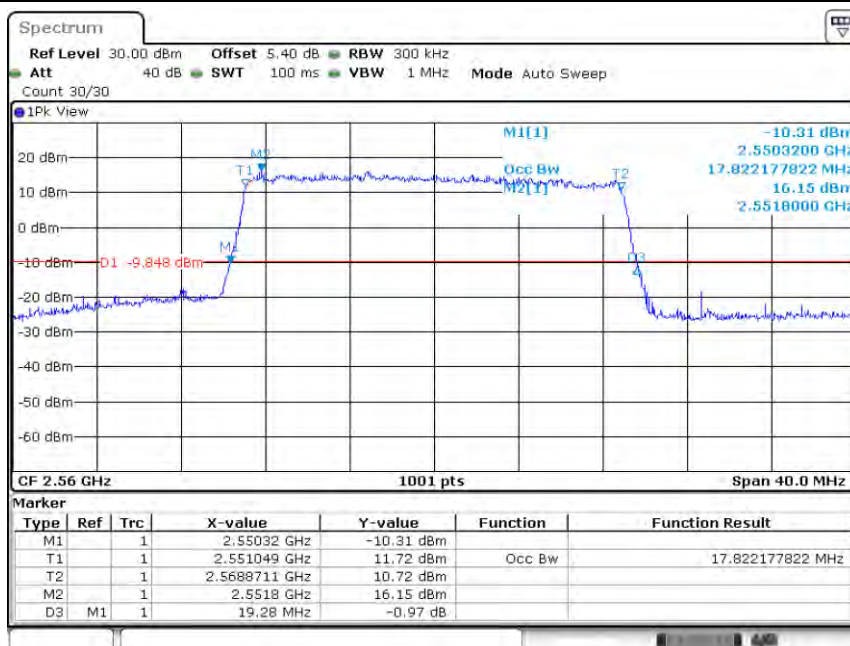


Band7-20MHz-64QAM-21100-100RB#0-17.862



Date: 28 DEC. 2020 19:46:48

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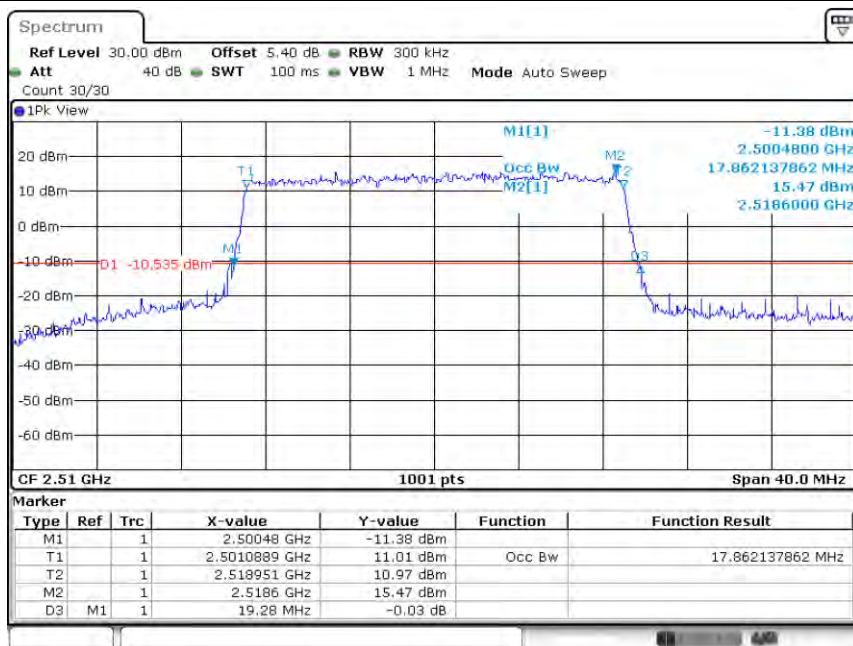
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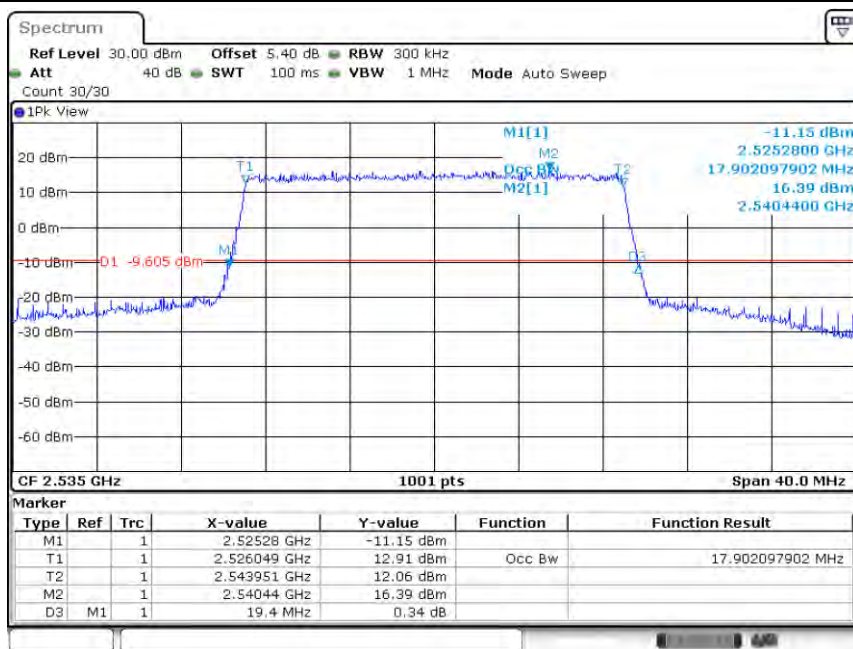
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Band7-20MHz-16QAM-20850-100RB#0-17.862



Date: 27 DEC. 2020 13:26:07

Band7-20MHz-16QAM-21100-100RB#0-17.902



Date: 27 DEC. 2020 13:26:33



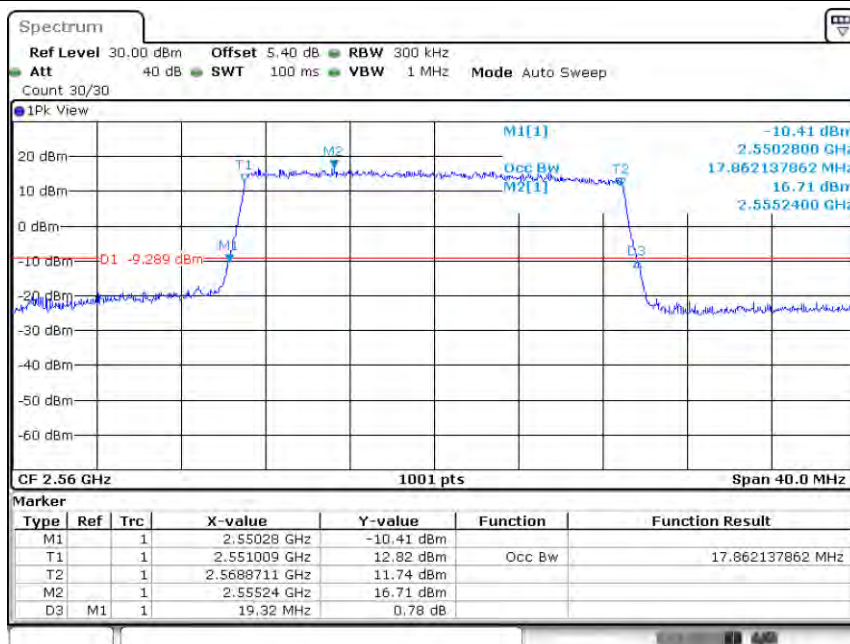
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Band7-20MHz-16QAM-21350-100RB#0-17.862



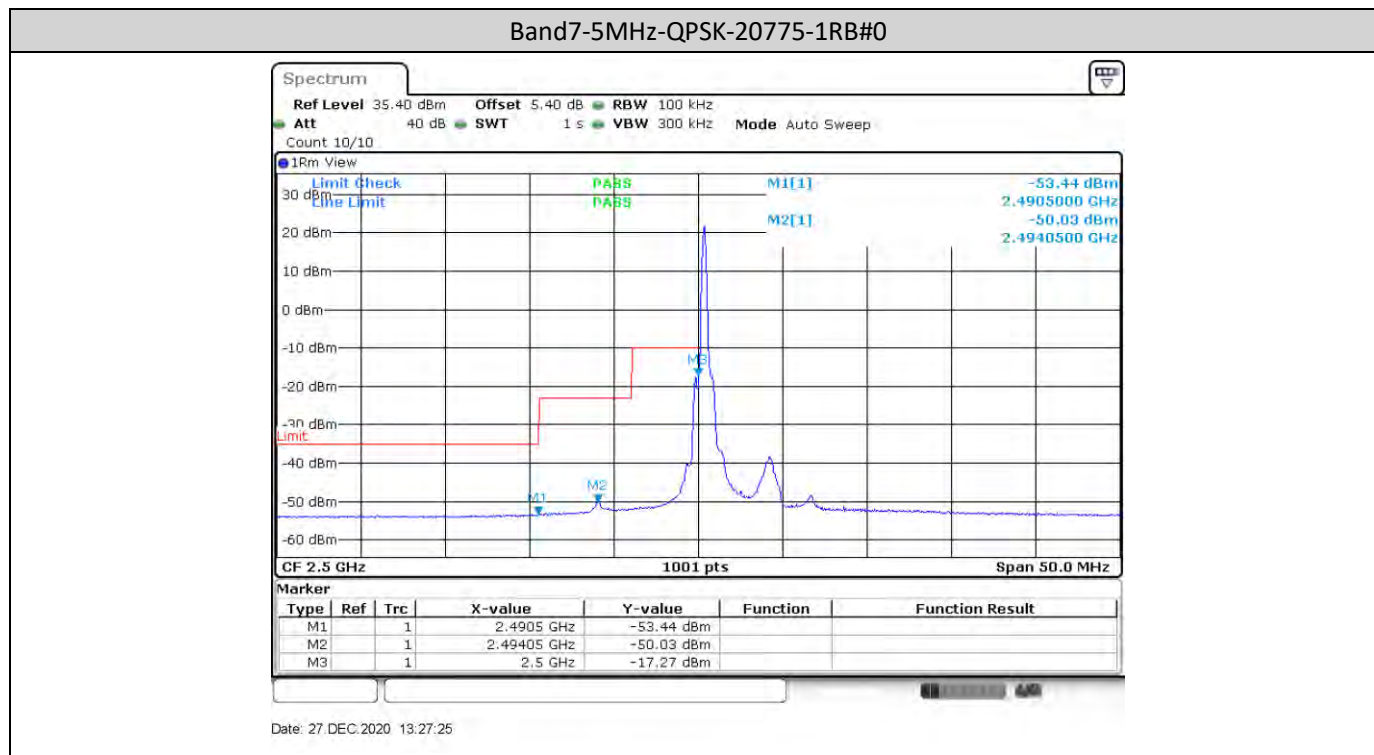
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5. Band Edge Compliance

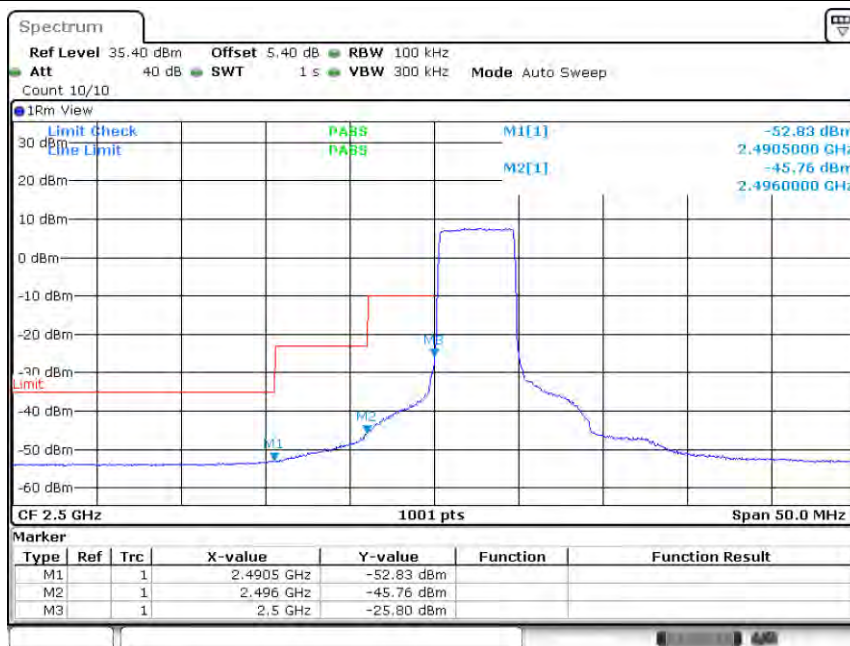
5.1. Test Plots



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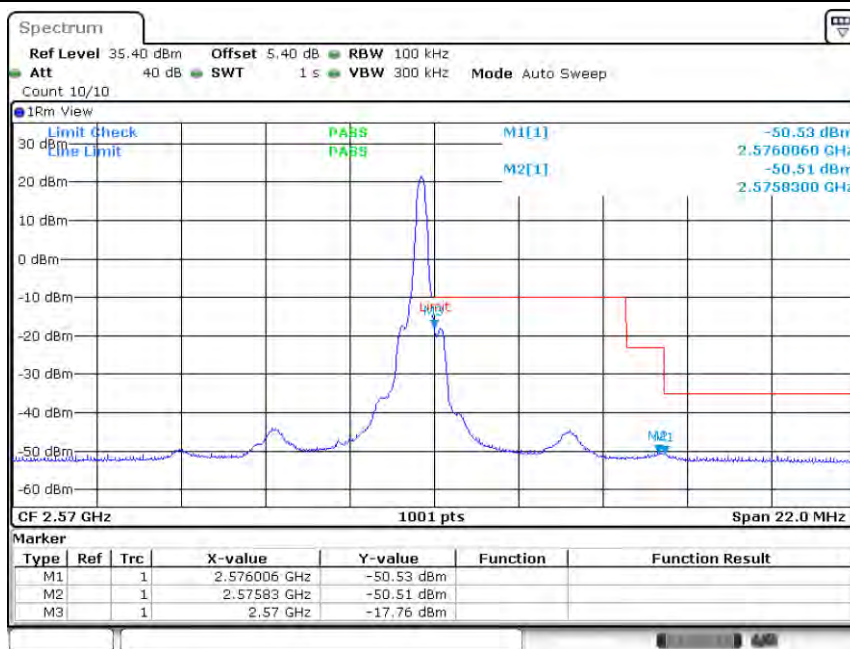
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Band7-5MHz-QPSK-20775-25RB#0



Date: 27 DEC. 2020 13:28:59

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



Date: 27 DEC. 2020 13:28:12

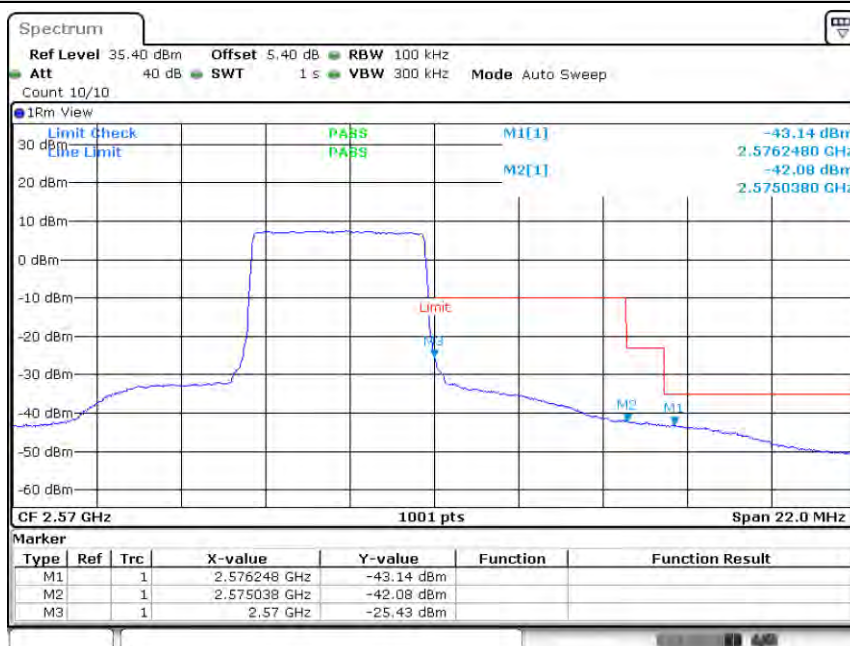


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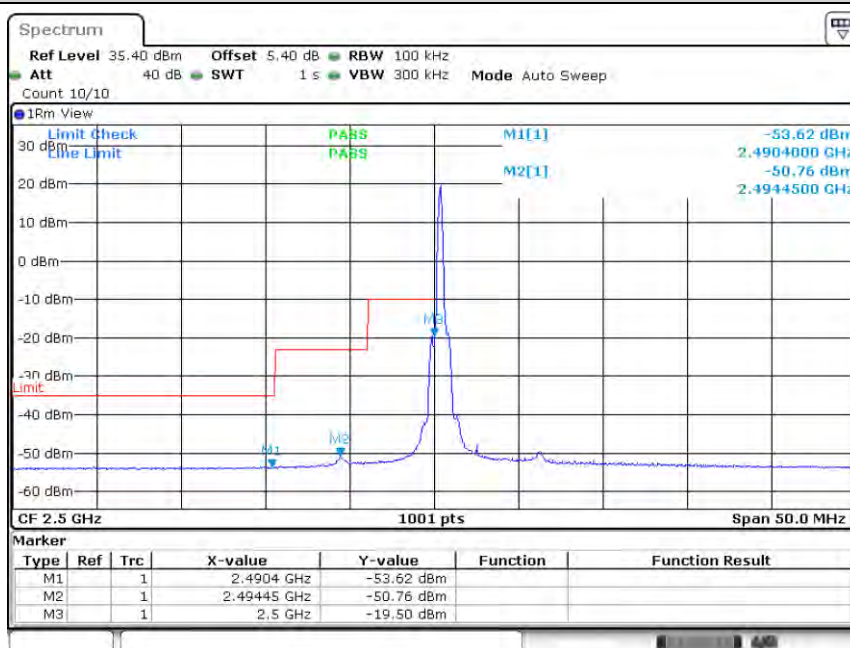
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Band7-5MHz-QPSK-21425-25RB#0



Date: 27 DEC. 2020 13:29:42

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



Date: 28 DEC. 2020 19:47:28

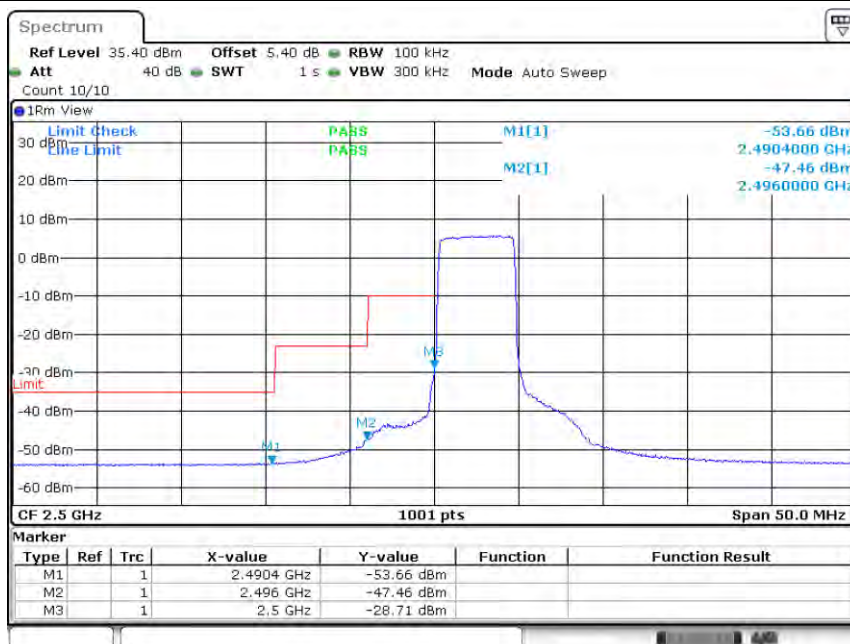


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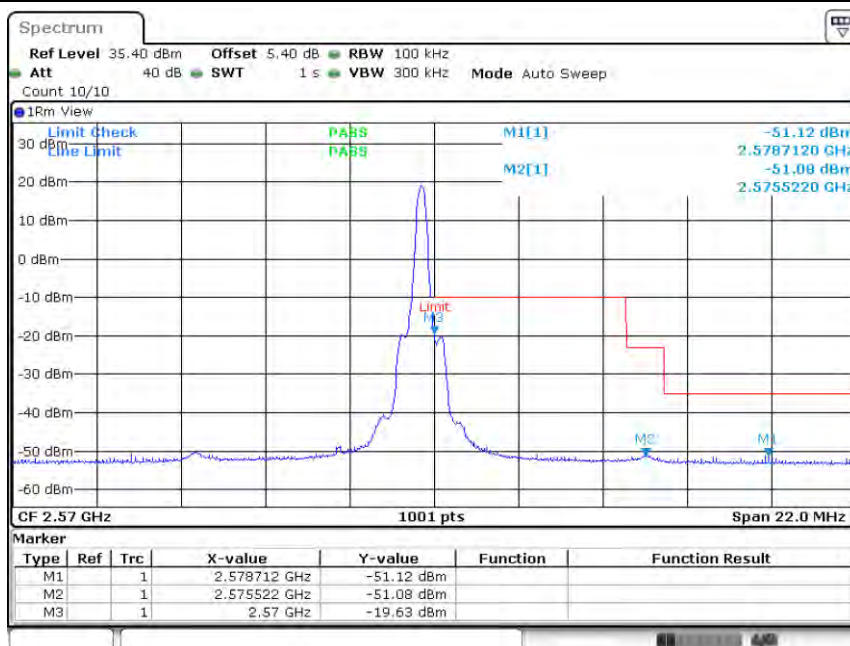


Band7-5MHz-64QAM-20775-25RB#0



Date: 28 DEC. 2020 19:48:20

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



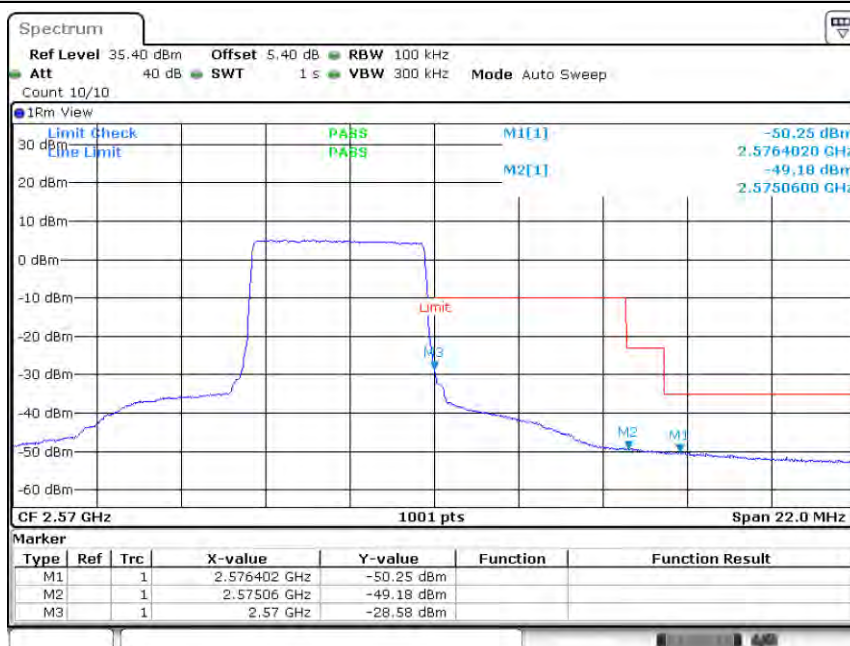
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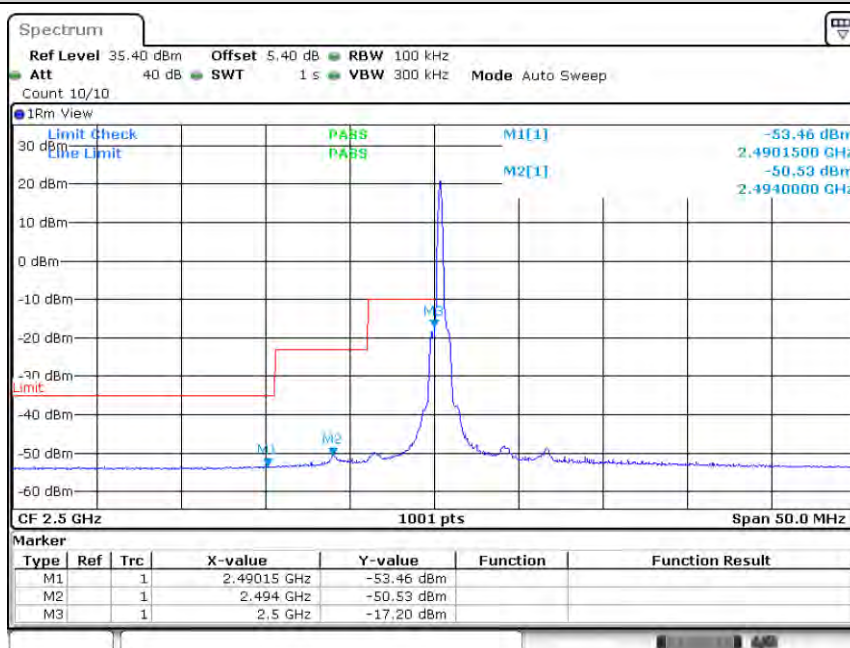
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Band7-5MHz-64QAM-21425-25RB#0



Date: 28 DEC. 2020 19:48:41

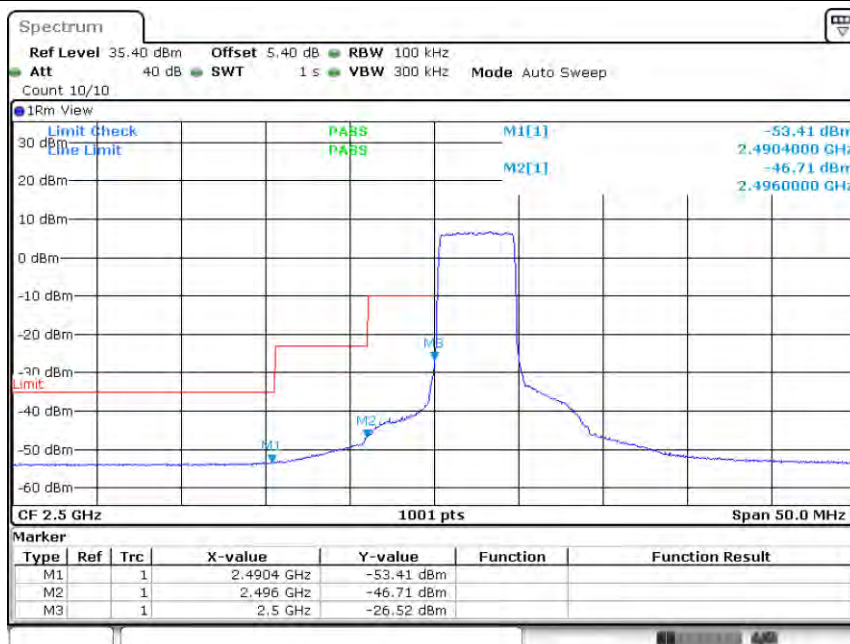
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Date: 27 DEC. 2020 13:27:46

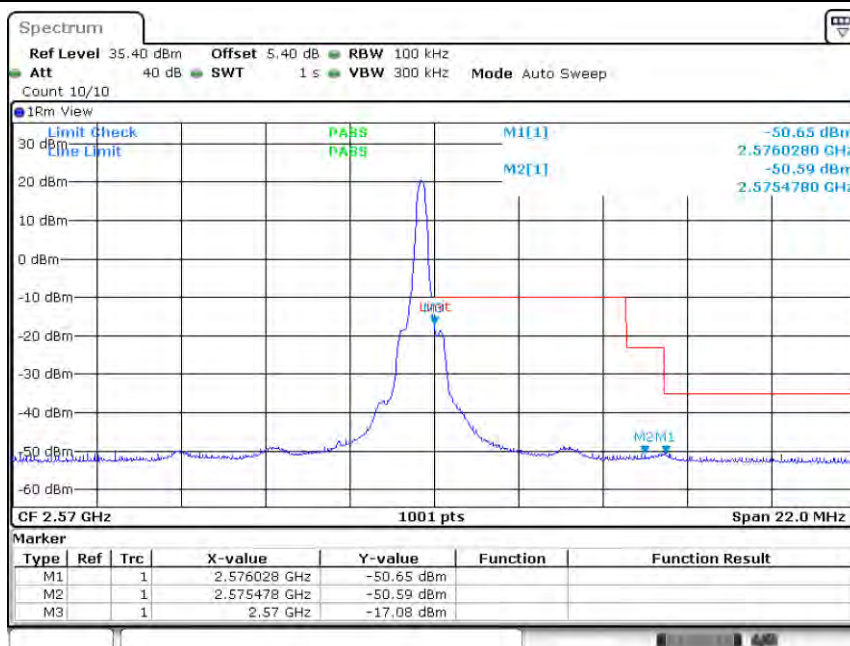


Band7-5MHz-16QAM-20775-25RB#0



Date: 27 DEC. 2020 13:29:20

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



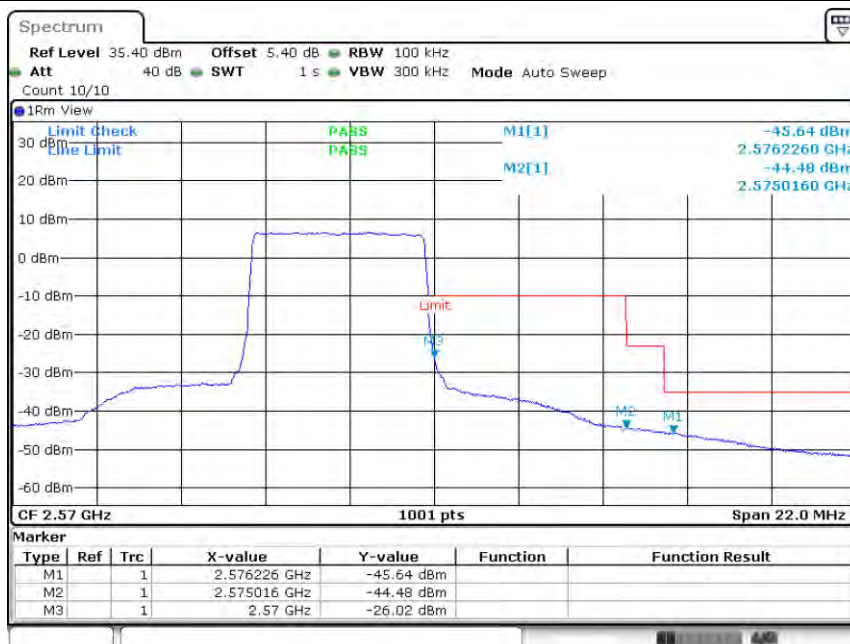
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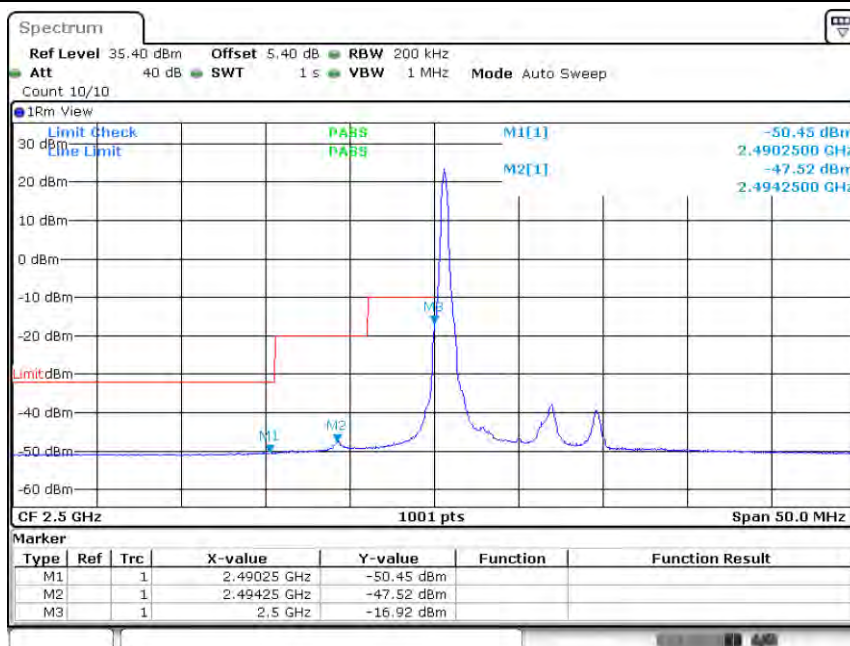
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Band7-5MHz-16QAM-21425-25RB#0



Date: 27 DEC. 2020 13:30:03

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



Date: 27 DEC. 2020 13:30:29



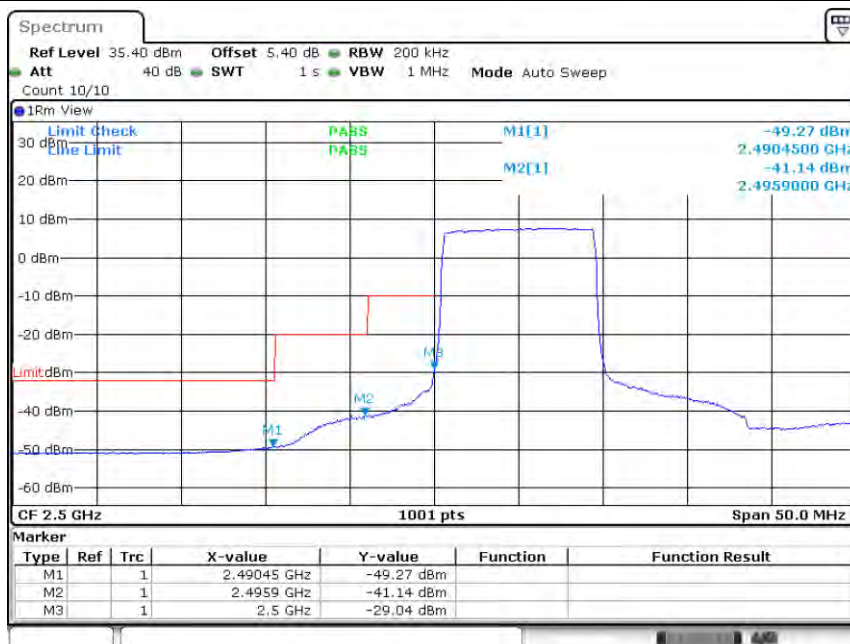
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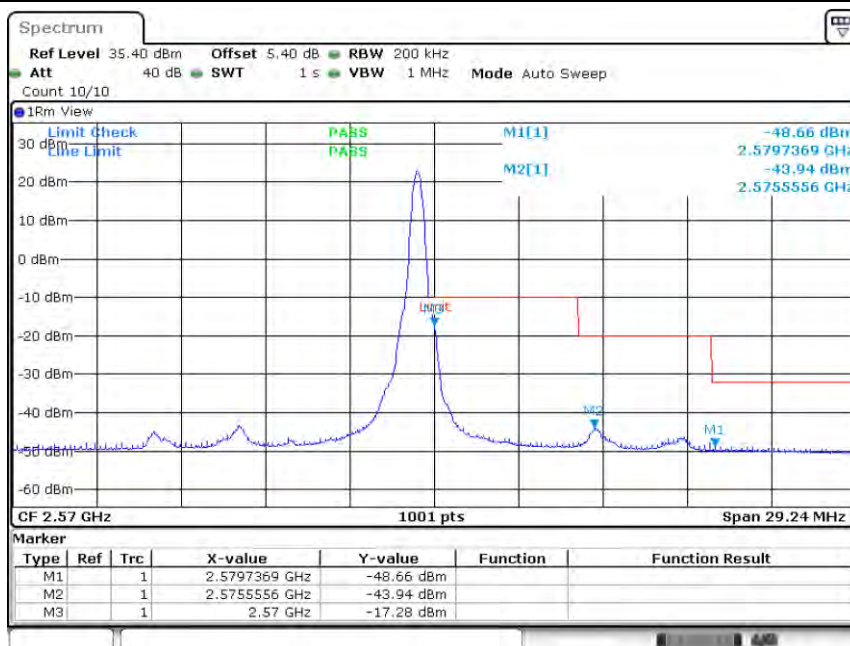
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Band7-10MHz-QPSK-20800-50RB#0



Date: 27 DEC. 2020 13:32:03

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



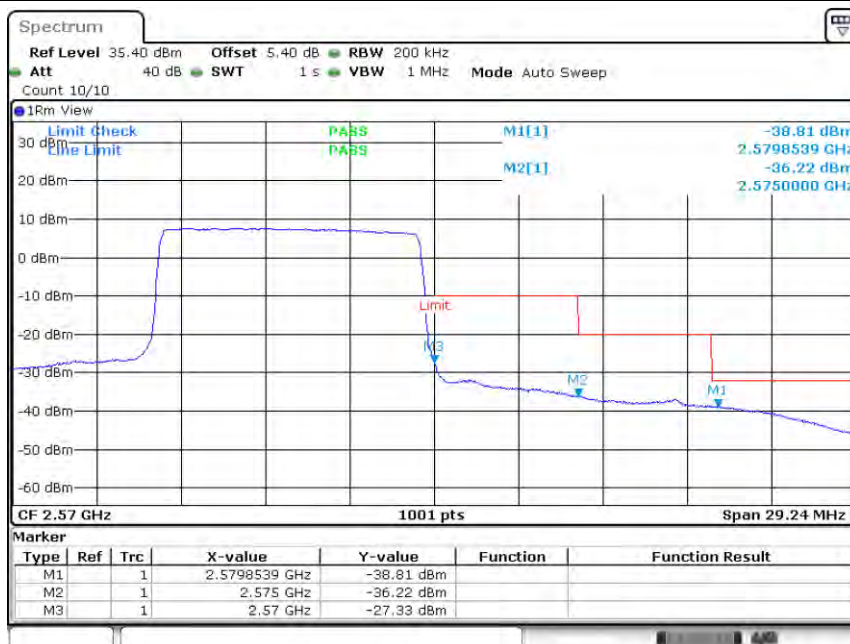
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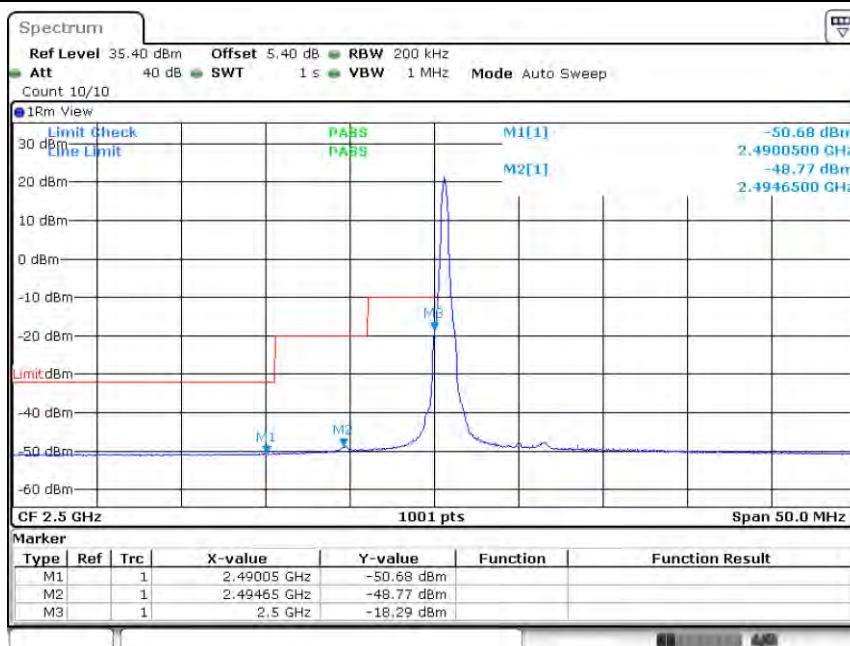
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Band7-10MHz-QPSK-21400-50RB#0



Date: 27 DEC. 2020 13:32:46

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



Date: 28 DEC. 2020 19:49:08

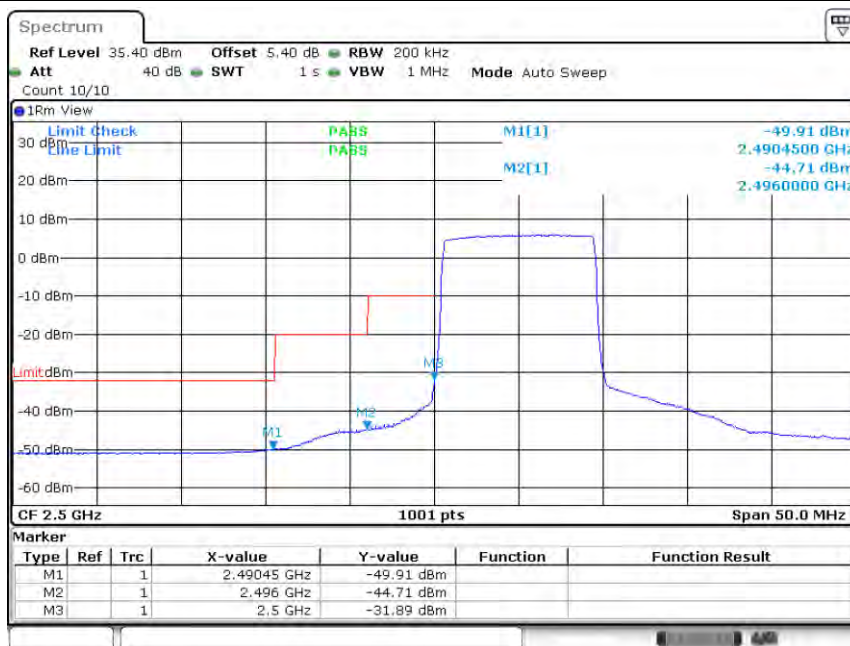


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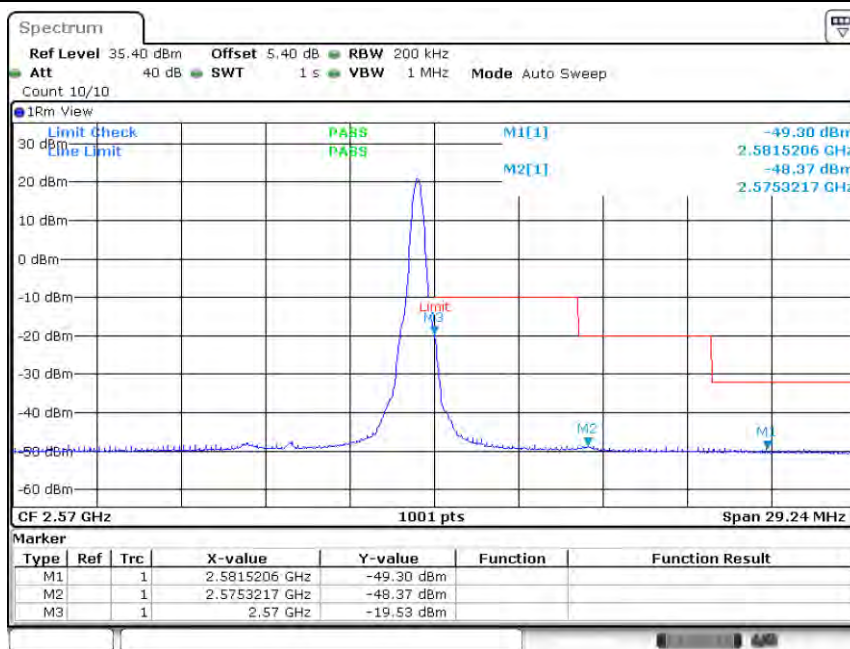
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Band7-10MHz-64QAM-20800-50RB#0



Date: 28 DEC. 2020 19:50:00

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



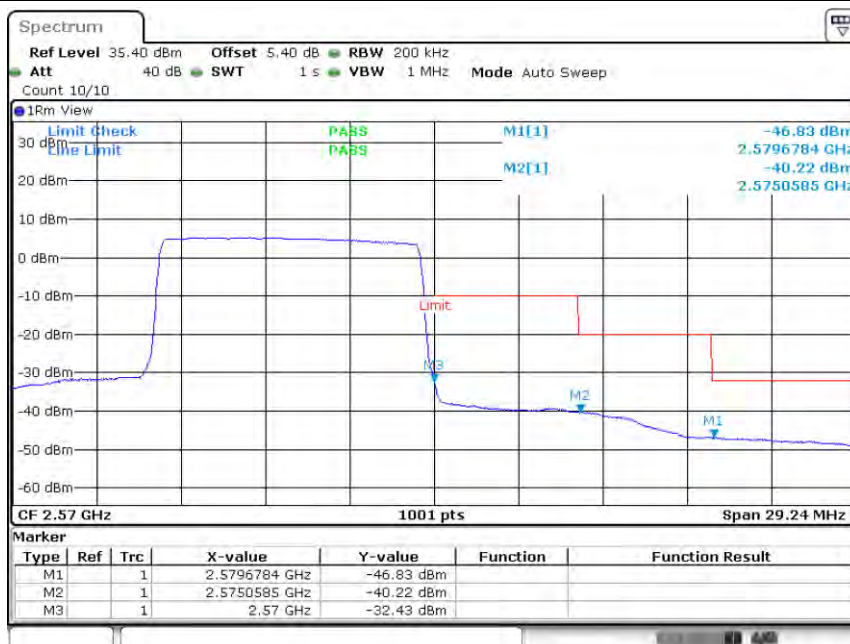
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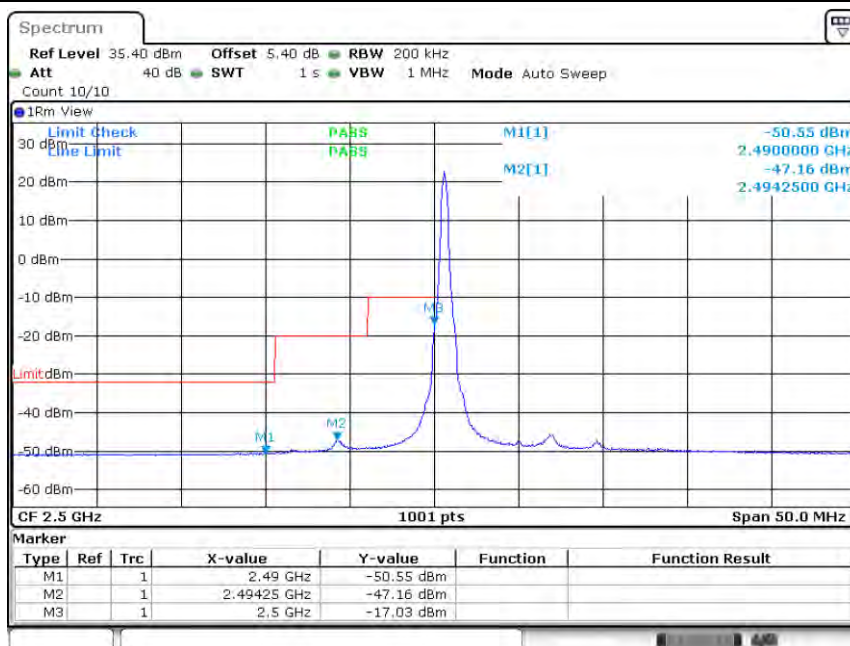
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Band7-10MHz-64QAM-21400-50RB#0



Date: 28 DEC. 2020 19:50:21

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



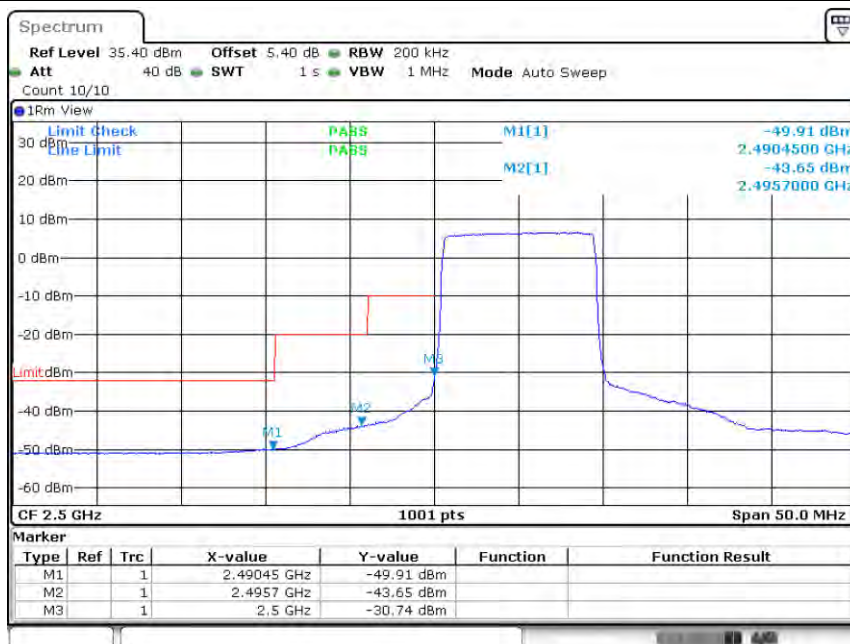
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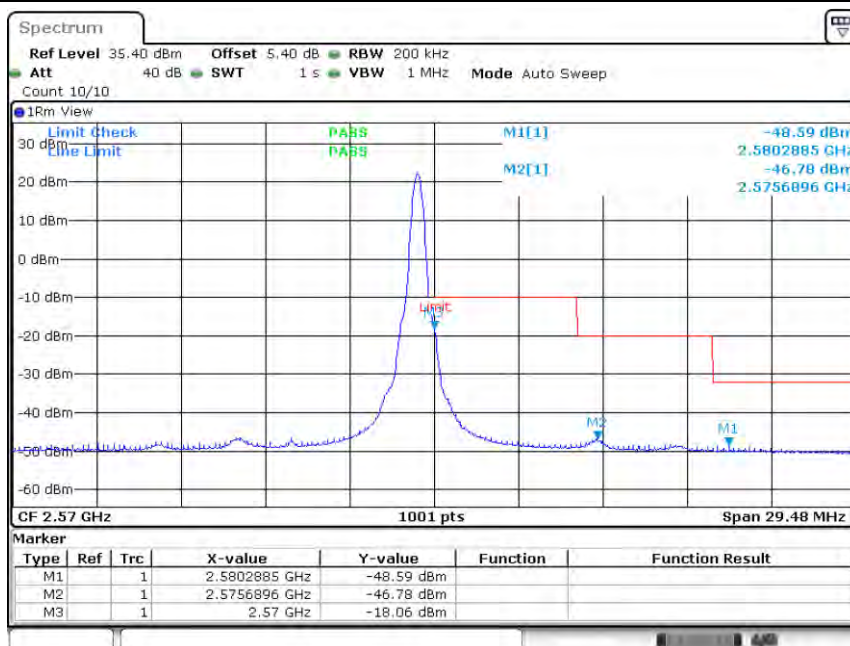
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Band7-10MHz-16QAM-20800-50RB#0



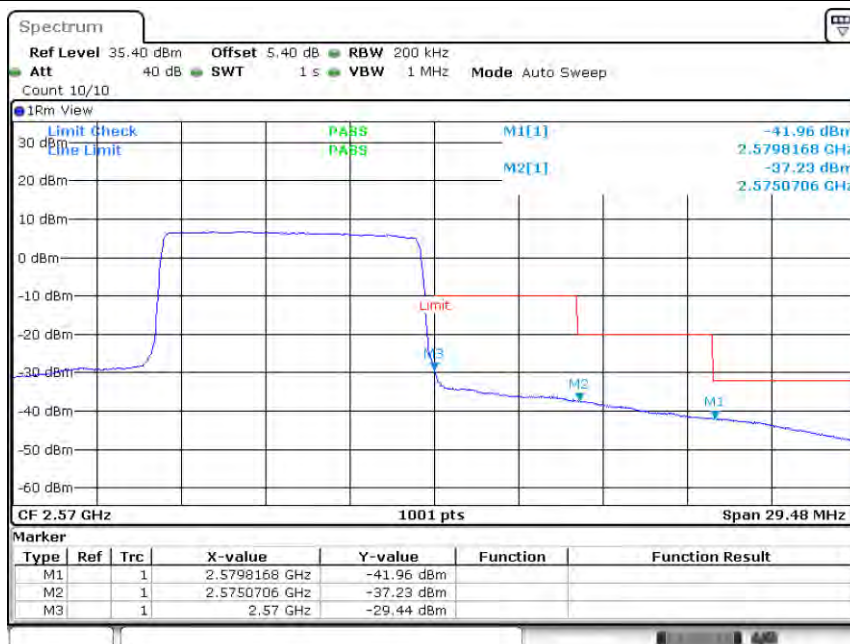
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Band7-10MHz-16QAM-21400-1RB#49



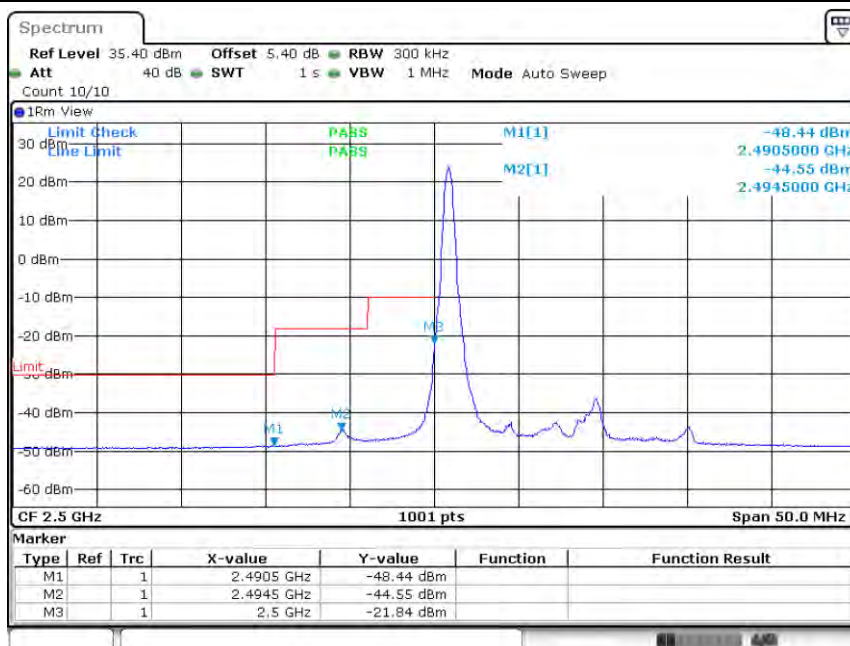
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Band7-10MHz-16QAM-21400-50RB#0



Date: 27 DEC. 2020 13:33:07

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



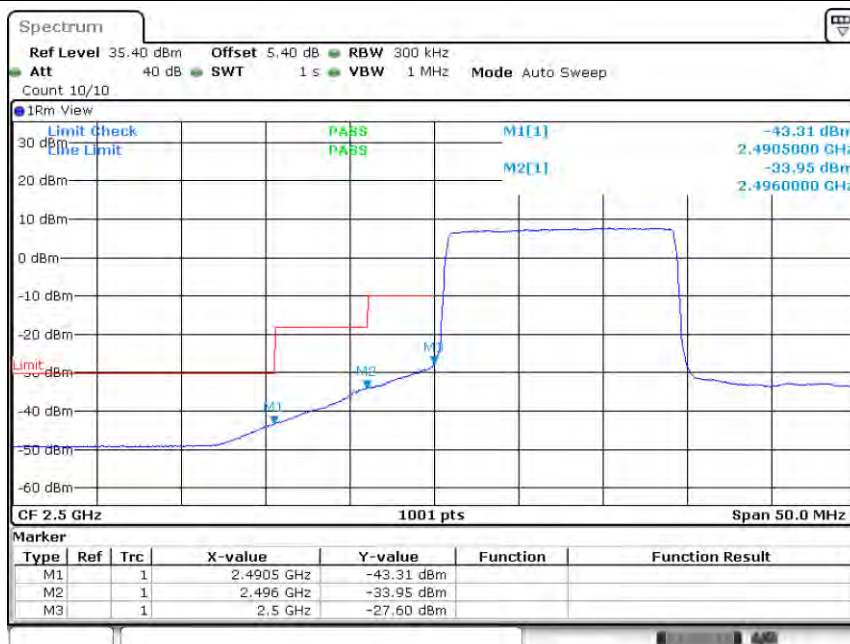
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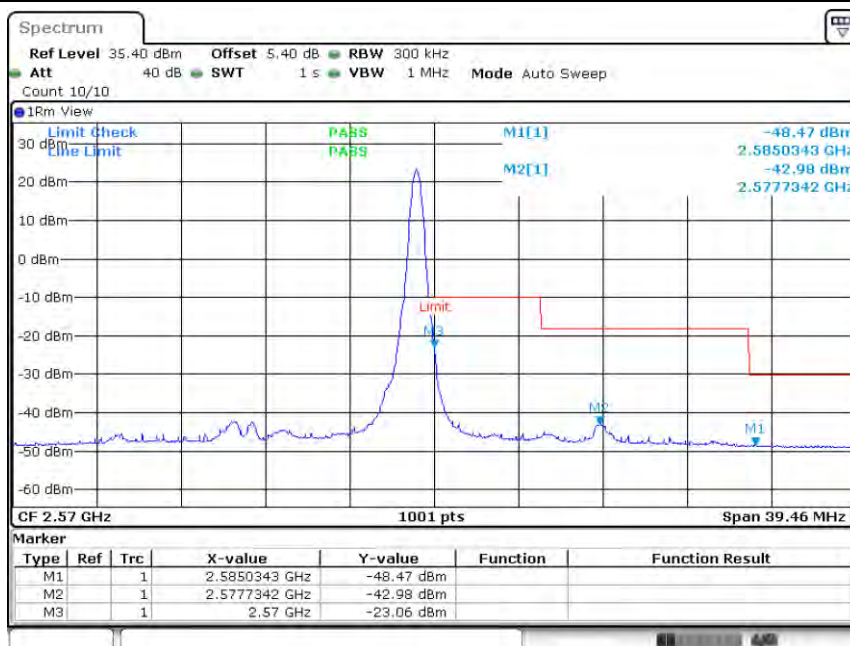
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Band7-15MHz-QPSK-20825-75RB#0



Date: 27 DEC. 2020 13:35:07

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



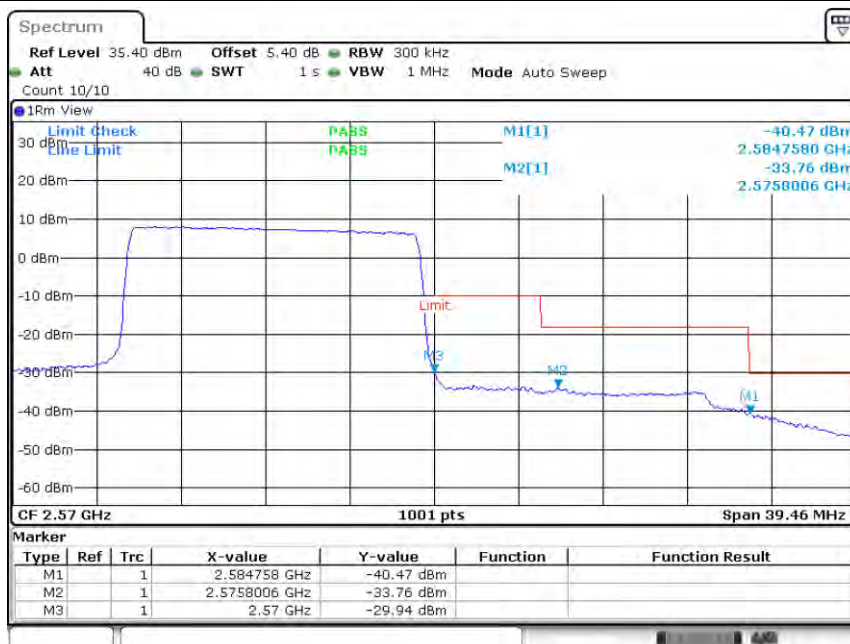
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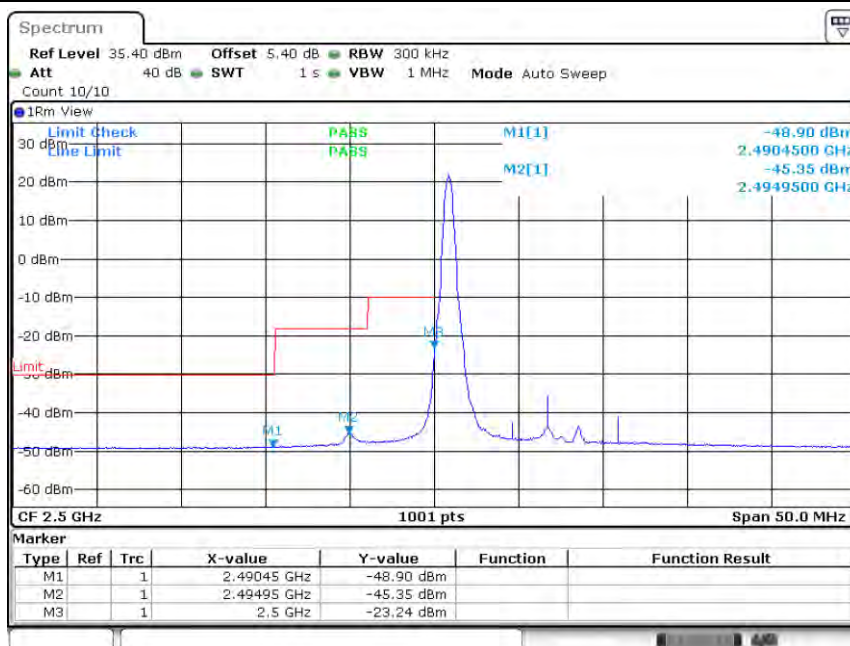
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Band7-15MHz-QPSK-21375-75RB#0



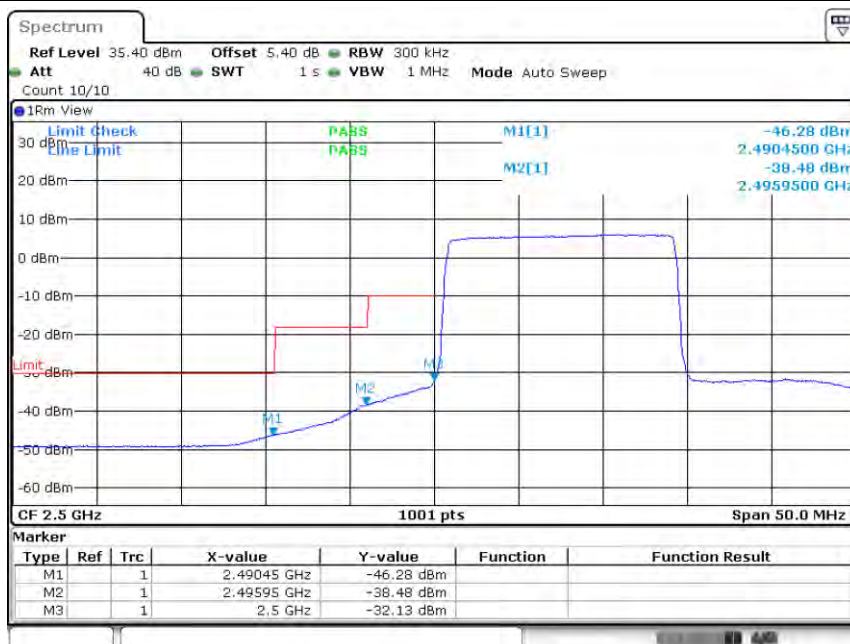
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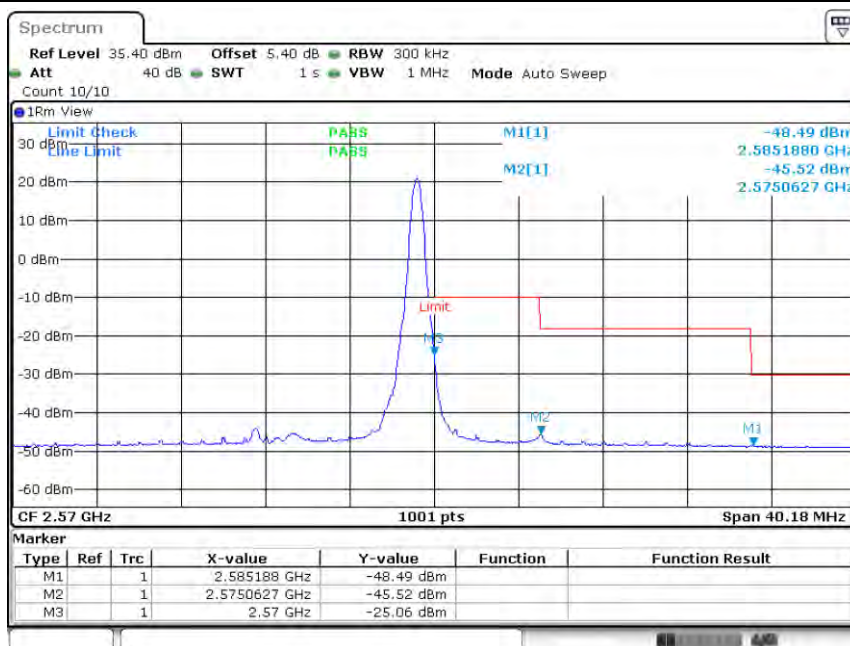
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Band7-15MHz-64QAM-20825-75RB#0



Date: 28 DEC. 2020 19:51:40

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



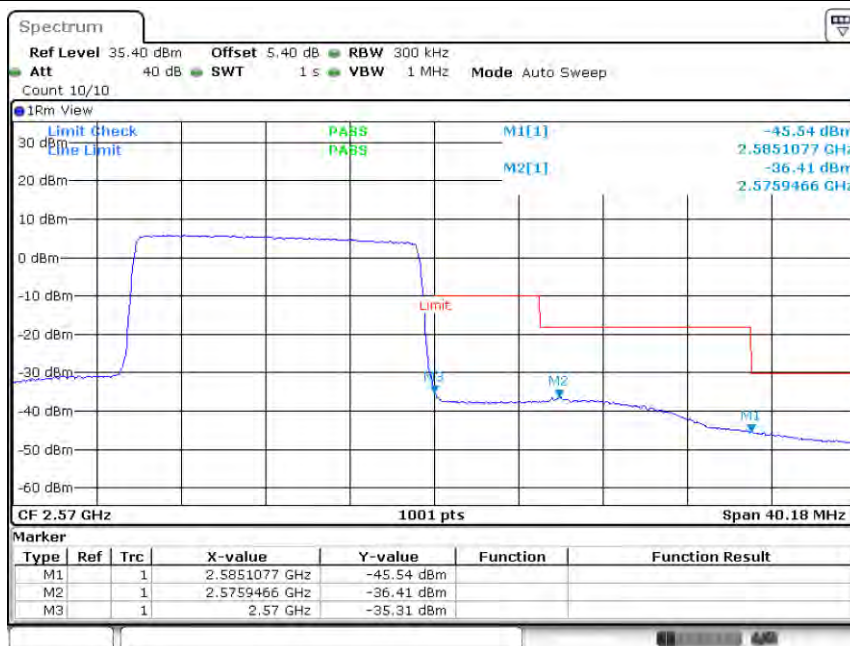
Date: 28 DEC. 2020 19:51:14



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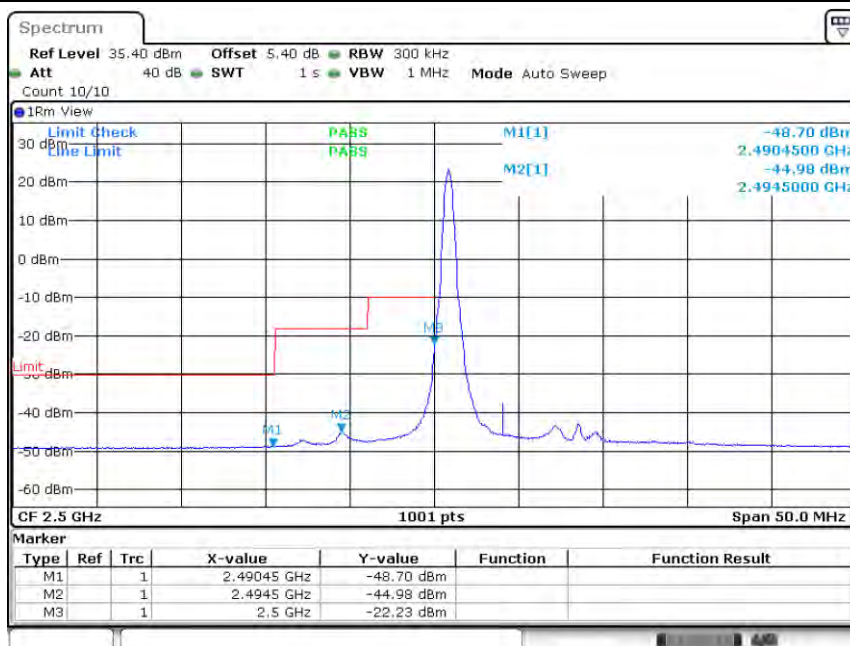
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Band7-15MHz-64QAM-21375-75RB#0



Date: 28 DEC. 2020 19:52:01

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

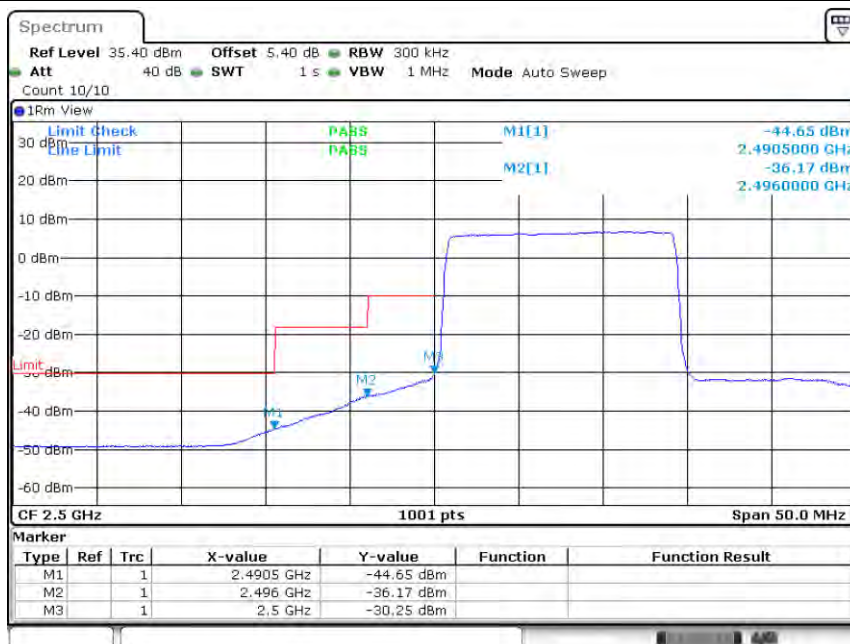


Date: 27 DEC. 2020 13:33:54



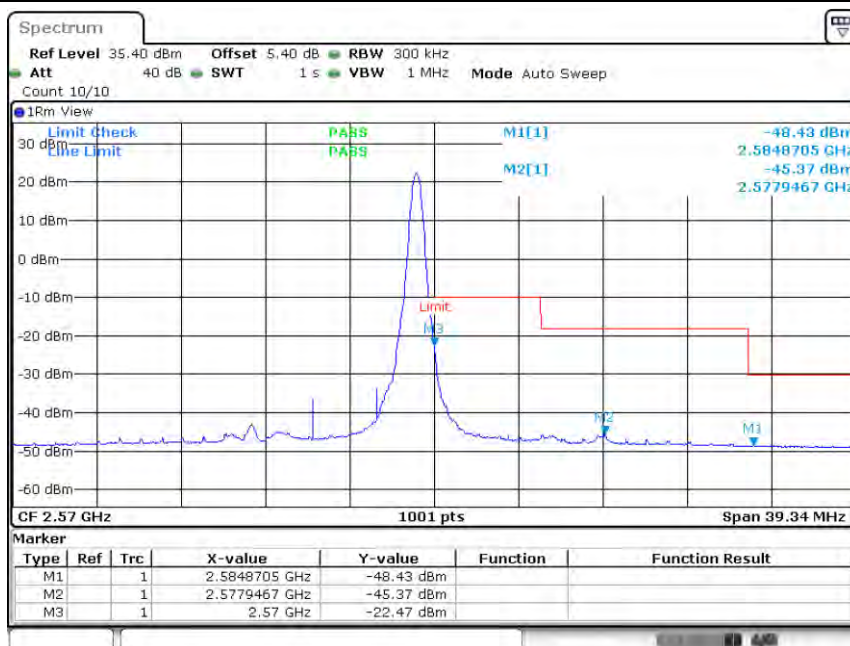


Band7-15MHz-16QAM-20825-75RB#0



Date: 27 DEC. 2020 13:35:28

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



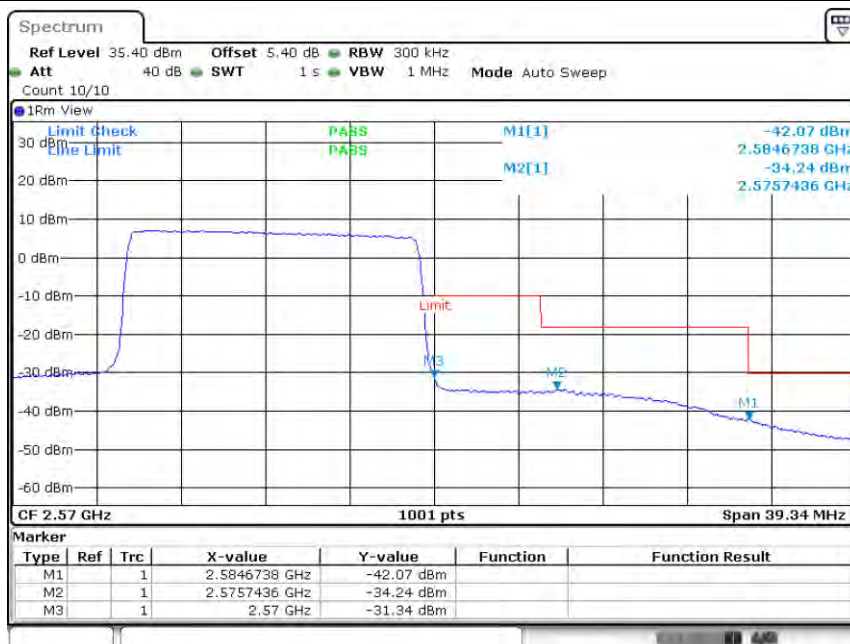
Date: 27 DEC. 2020 13:34:41



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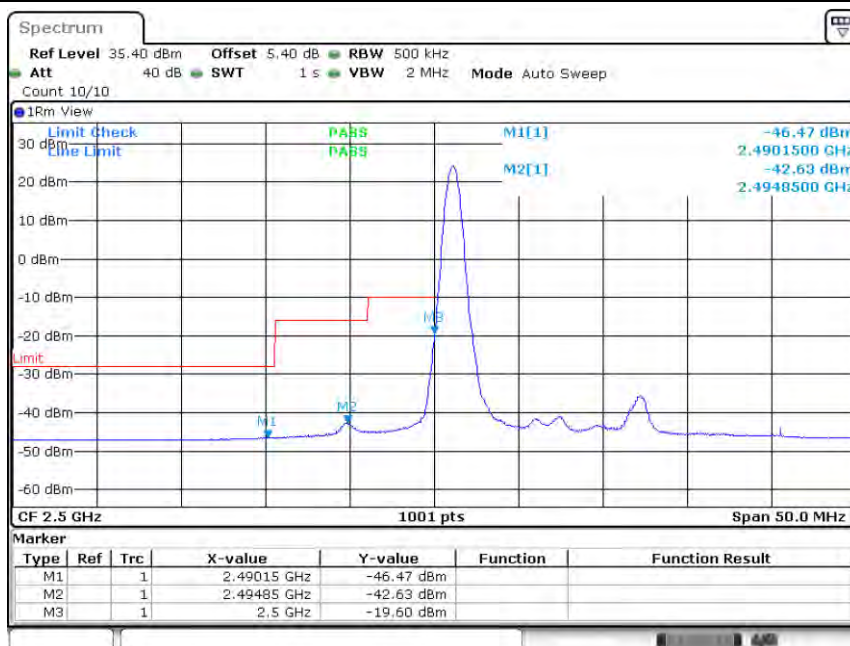
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Band7-15MHz-16QAM-21375-75RB#0



Date: 27 DEC. 2020 13:36:11

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



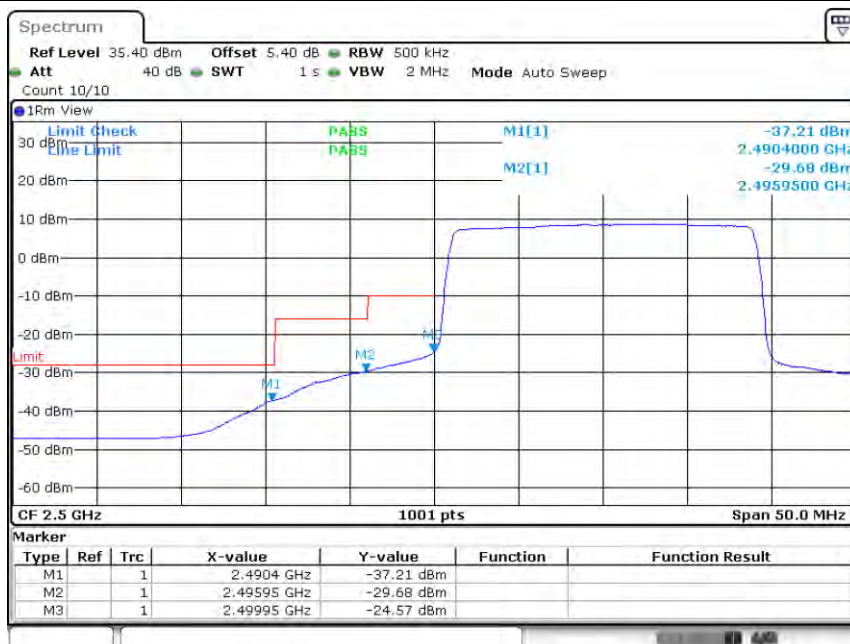
Date: 27 DEC. 2020 13:36:37



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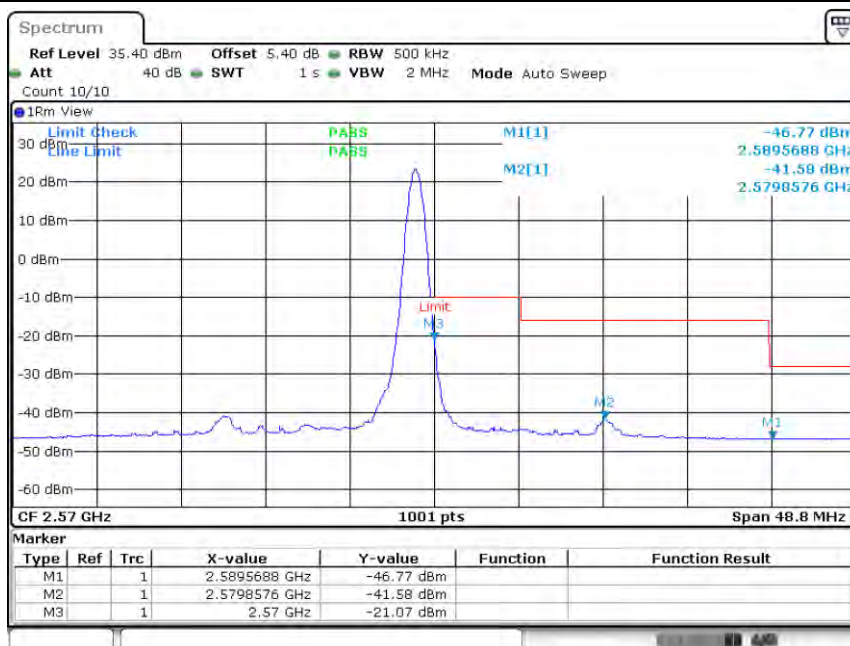
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Band7-20MHz-QPSK-20850-100RB#0



Date: 27 DEC. 2020 13:38:11

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



Date: 27 DEC. 2020 13:37:24

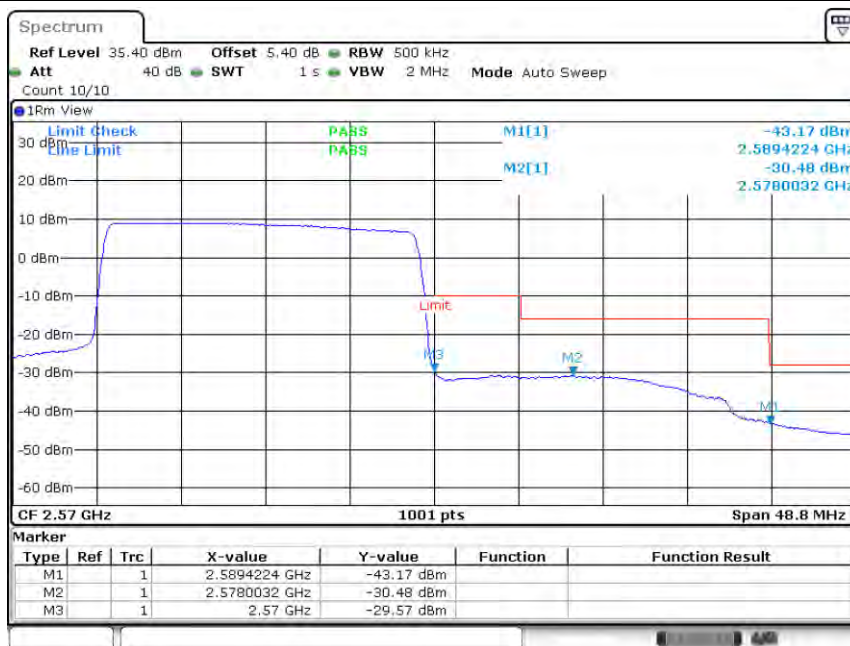


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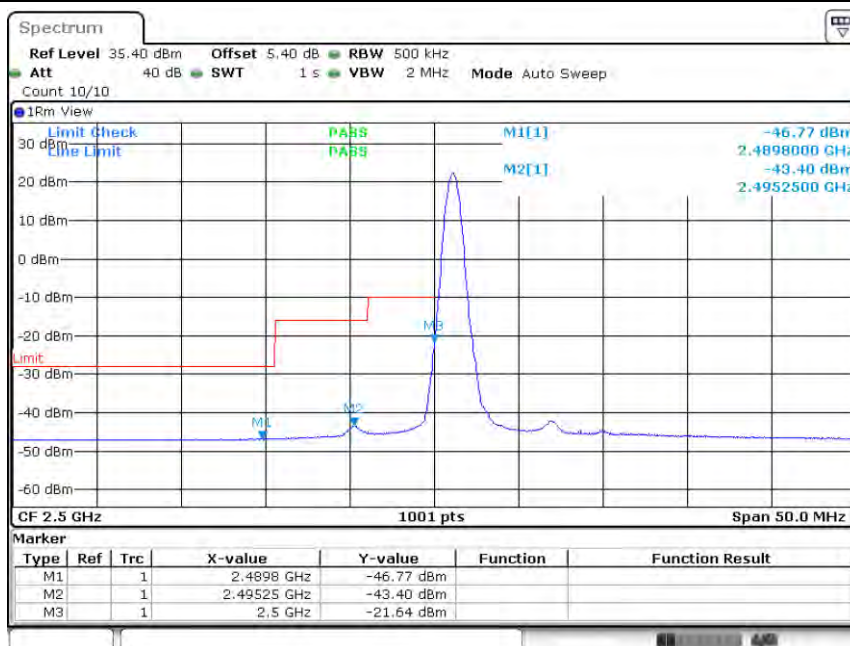


Band7-20MHz-QPSK-21350-100RB#0



Date: 27 DEC. 2020 13:38:53

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



Date: 28 DEC. 2020 19:52:28

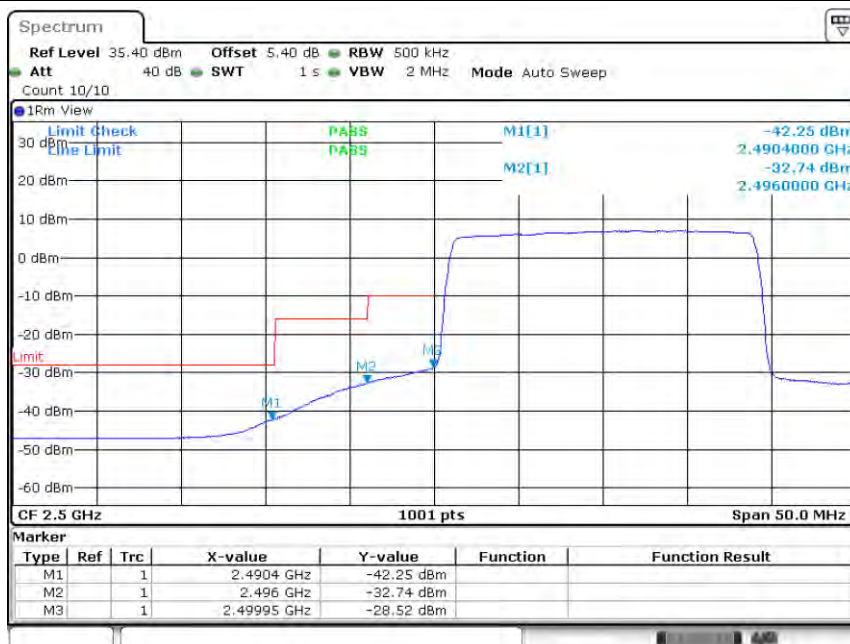


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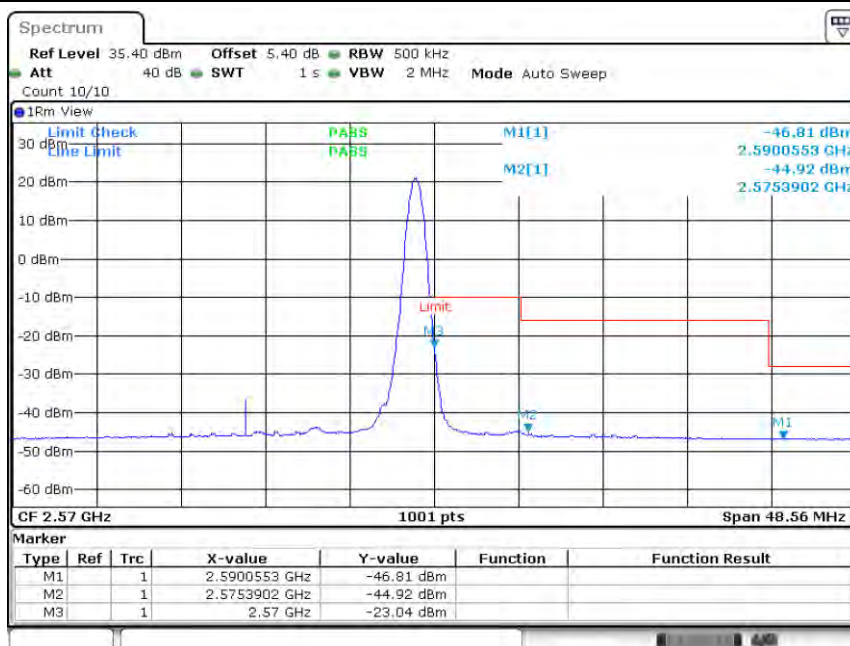


Band7-20MHz-64QAM-20850-100RB#0



Date: 28 DEC. 2020 19:53:20

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



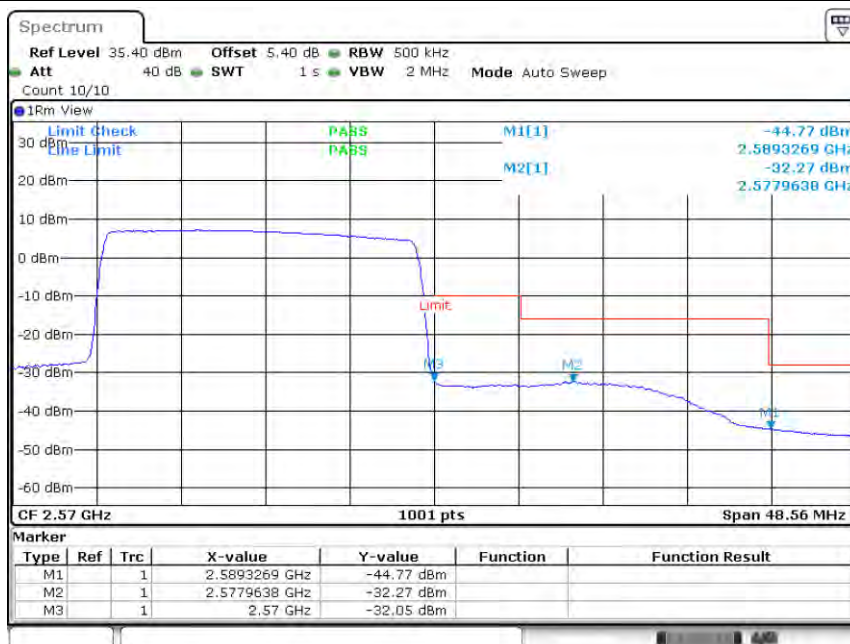
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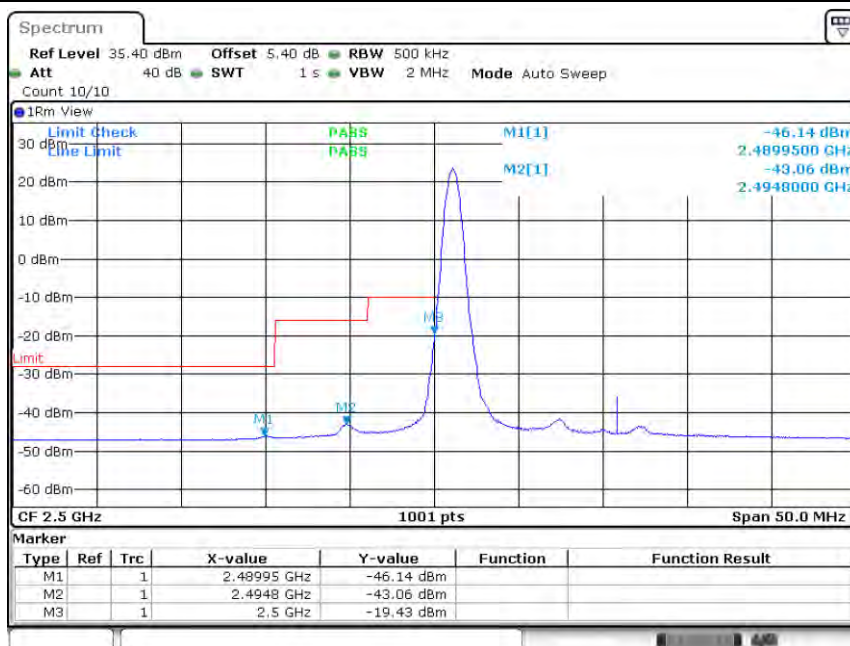
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Band7-20MHz-64QAM-21350-100RB#0



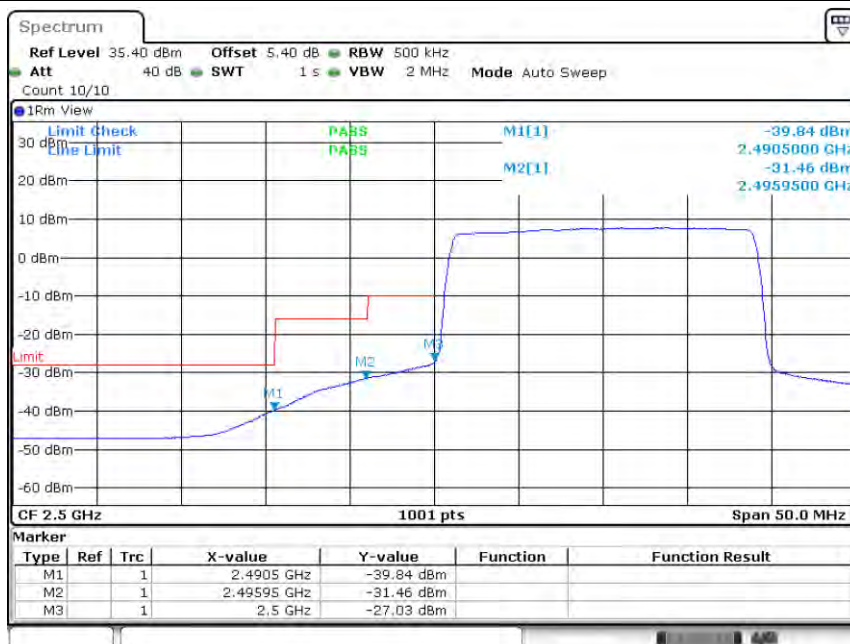
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Band7-20MHz-16QAM-20850-1RB#0



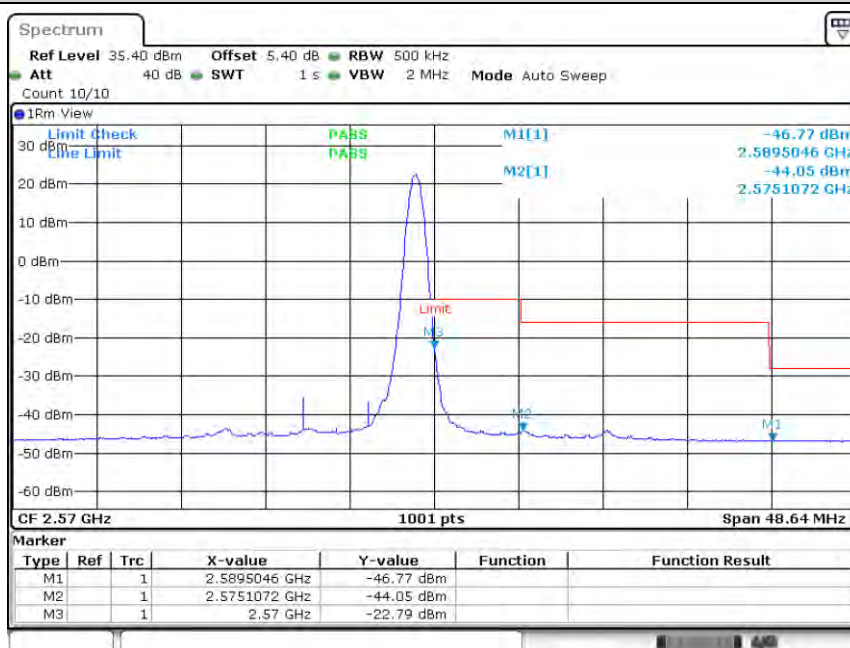
Date: 27 DEC. 2020 13:36:58

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



Date: 27 DEC. 2020 13:38:32

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



Date: 27 DEC. 2020 13:37:45



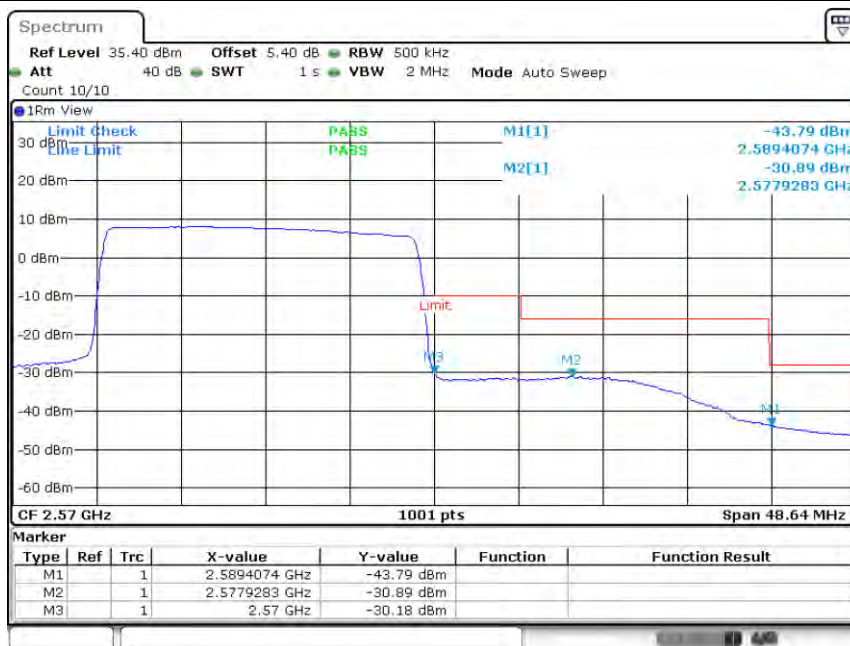
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Band7-20MHz-16QAM-21350-100RB#0



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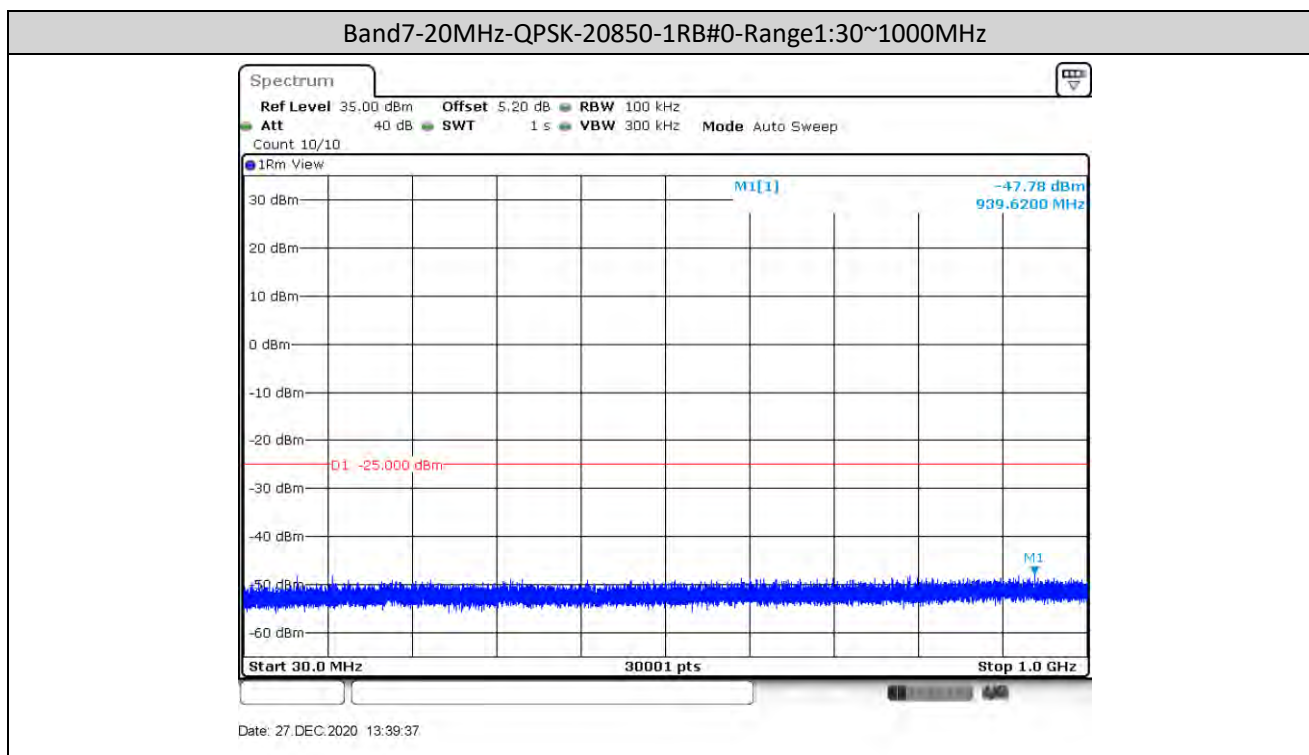


6. Spurious Emission at Antenna Terminal

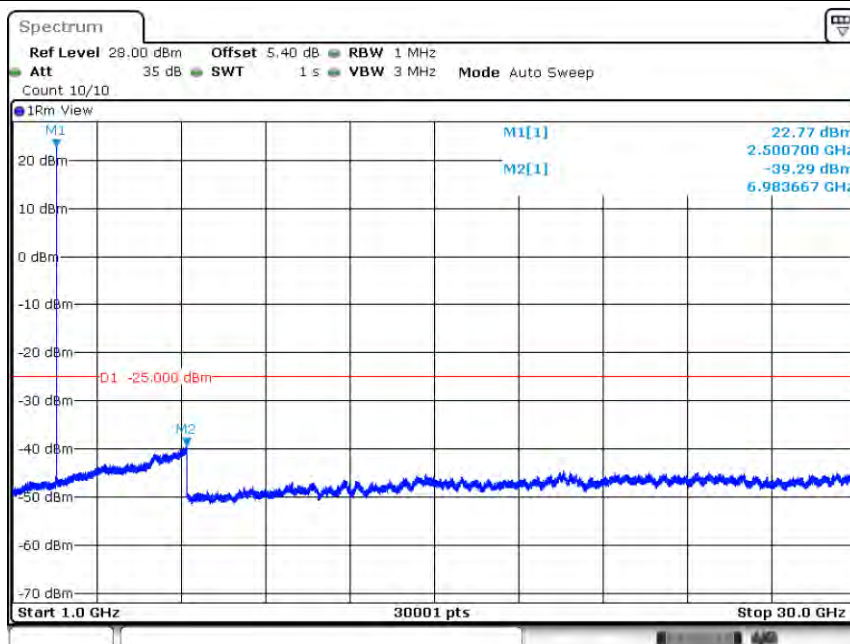
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

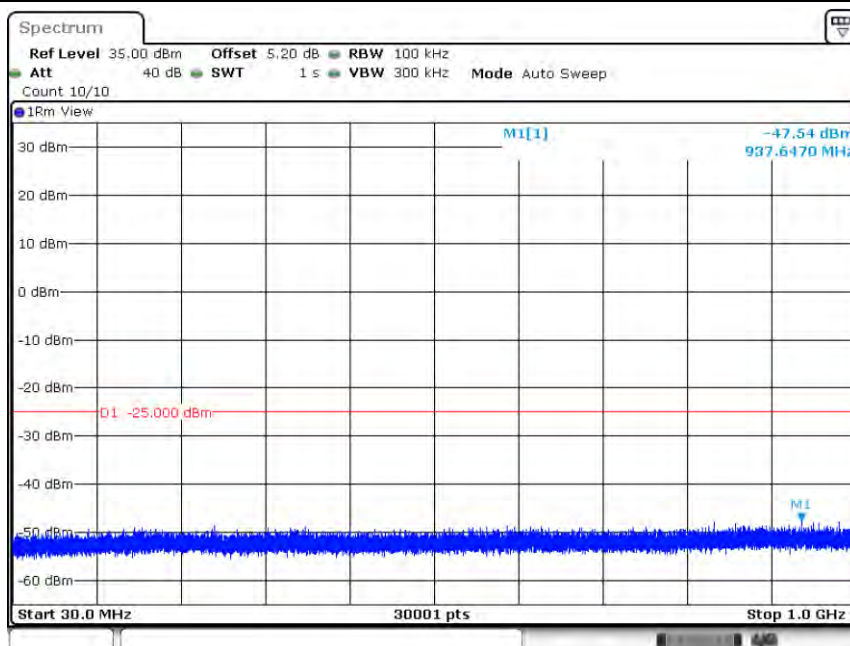


Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 27.DEC.2020 13:39:54

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



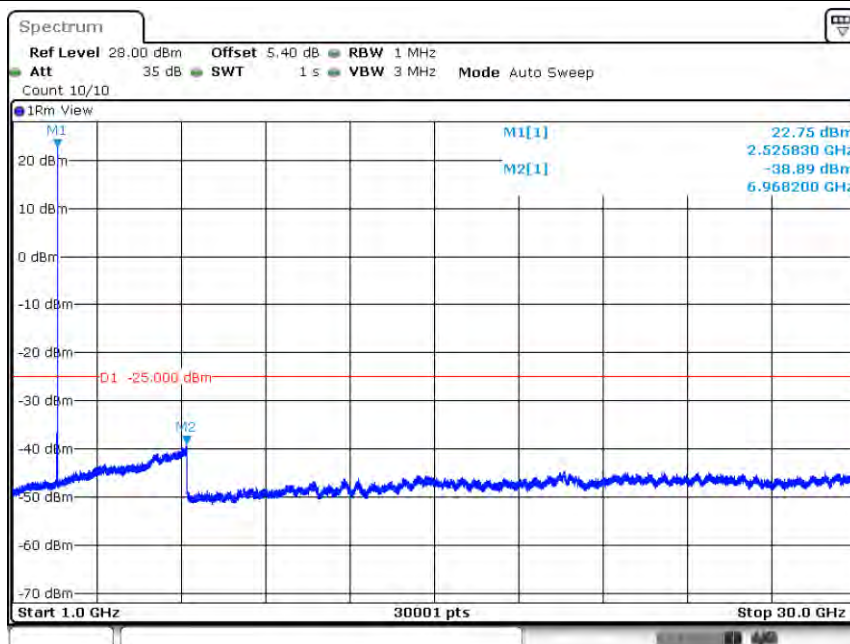
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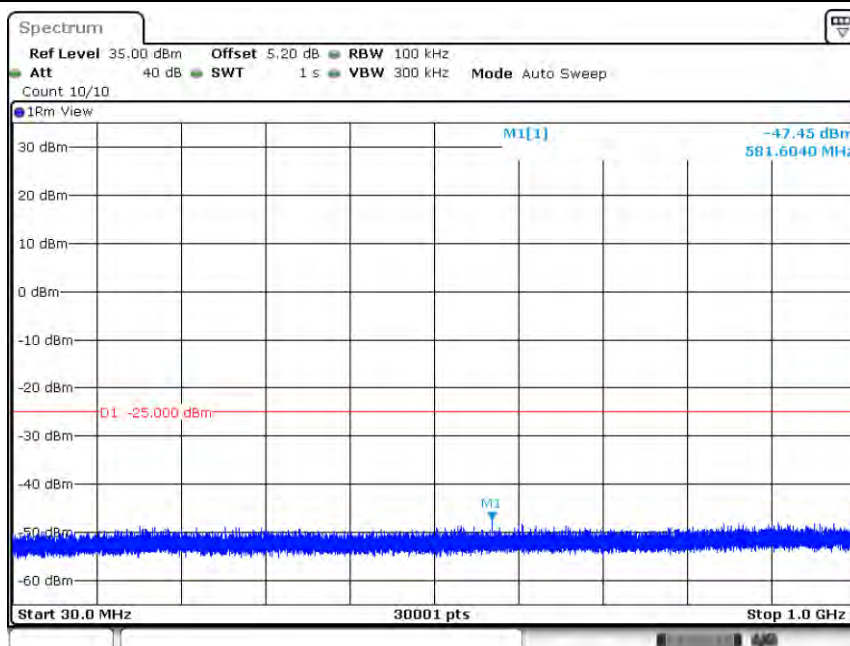
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 27.DEC.2020 13:41:05

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



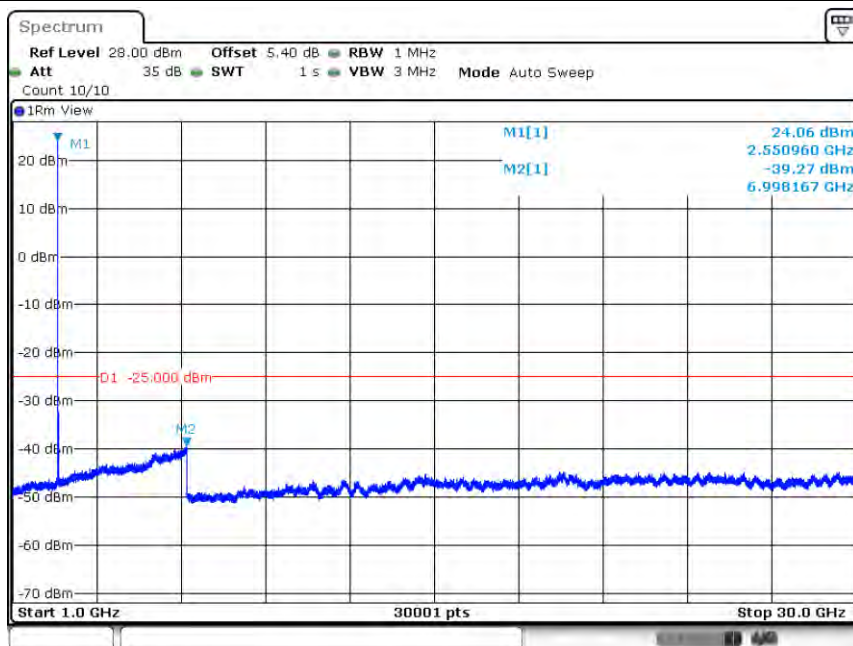
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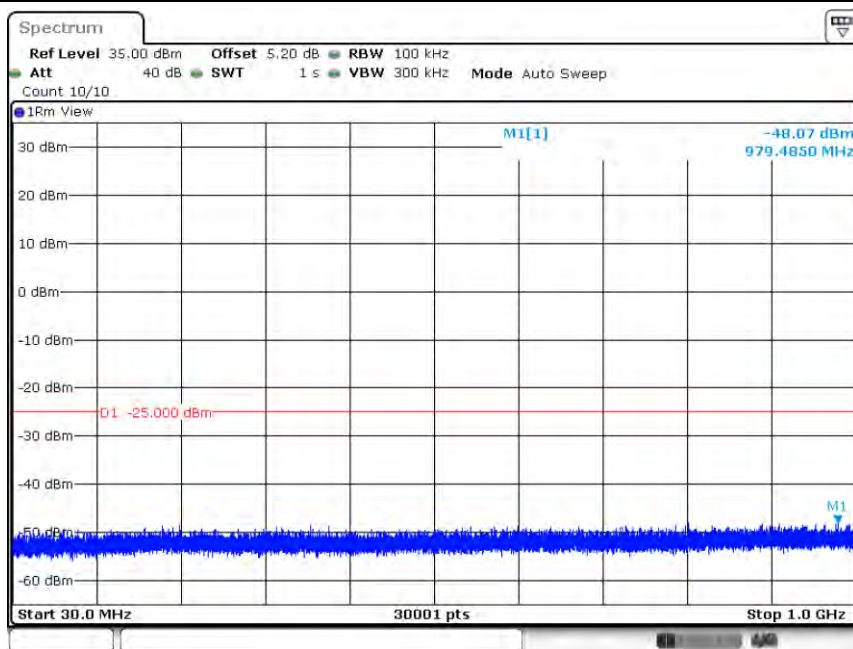
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 27 DEC. 2020 13:42:15

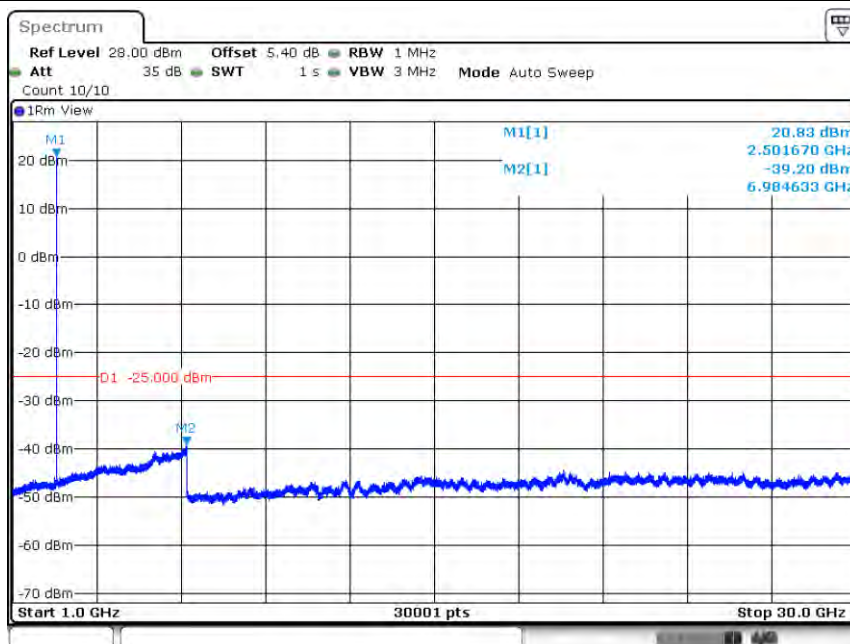
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



Date: 28 DEC. 2020 19:54:05

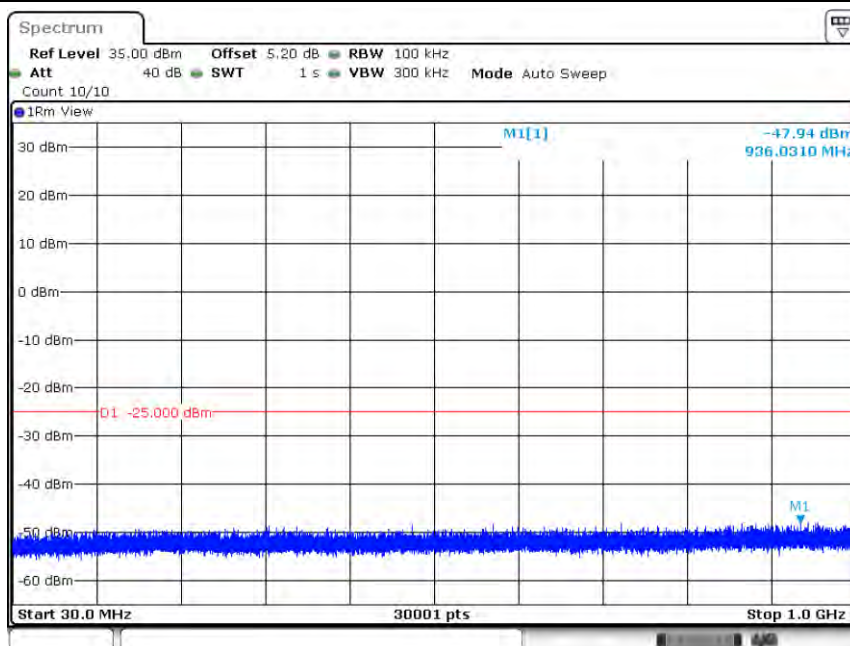


Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 28 DEC. 2020 19:54:22

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



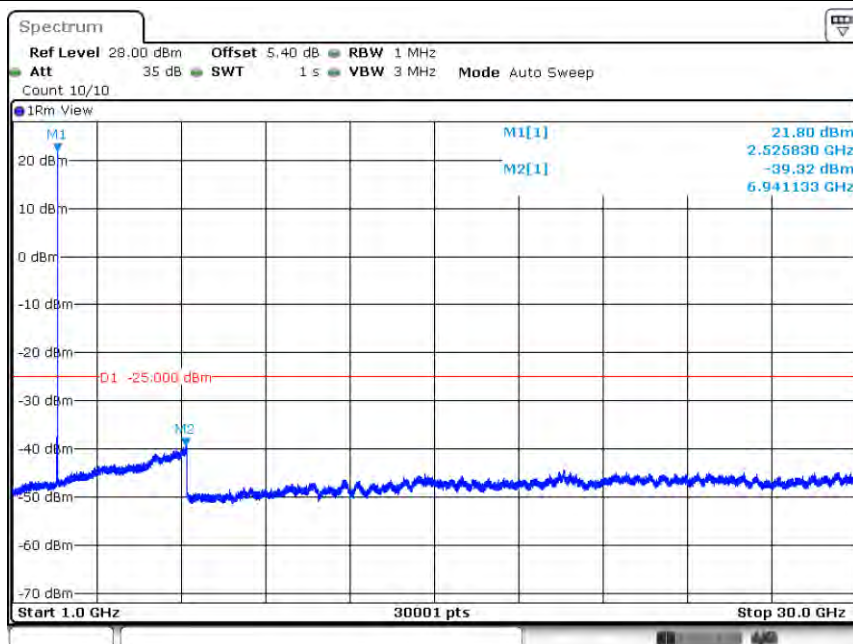
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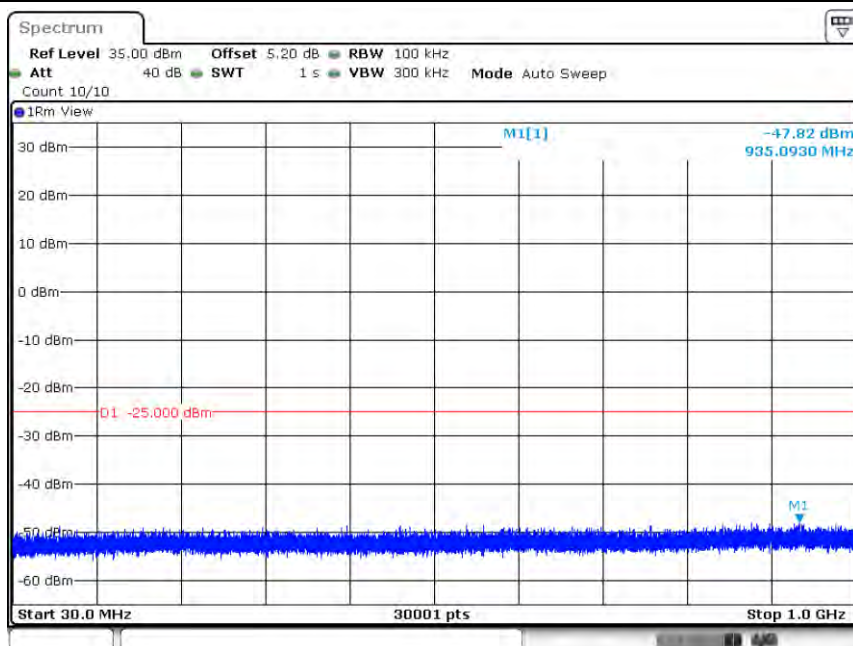
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Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 28 DEC. 2020 19:54:57

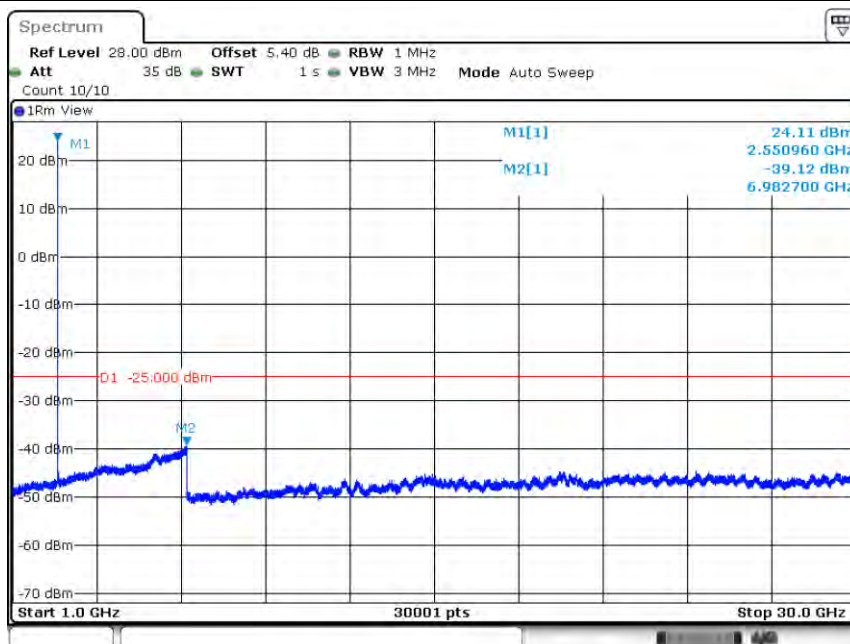
Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Date: 28 DEC. 2020 19:55:16

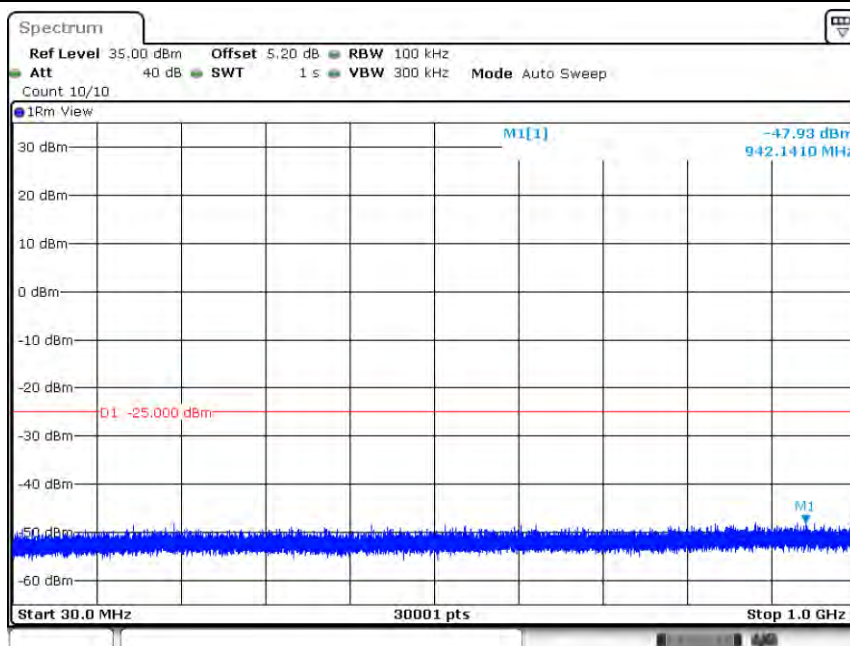


Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 28 DEC. 2020 19:55:32

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



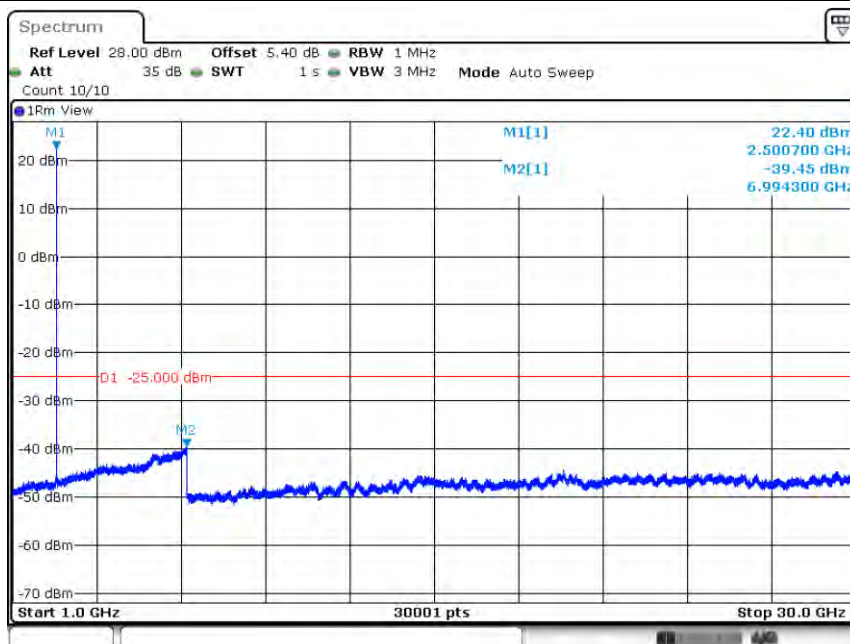
Date: 27 DEC. 2020 13:40:13



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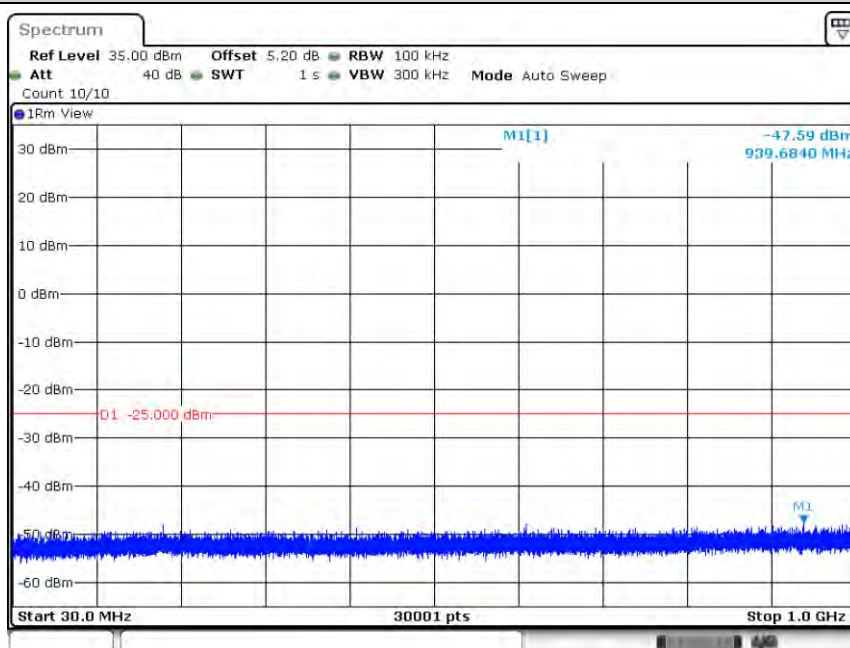
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 27.DEC.2020 13:40:29

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



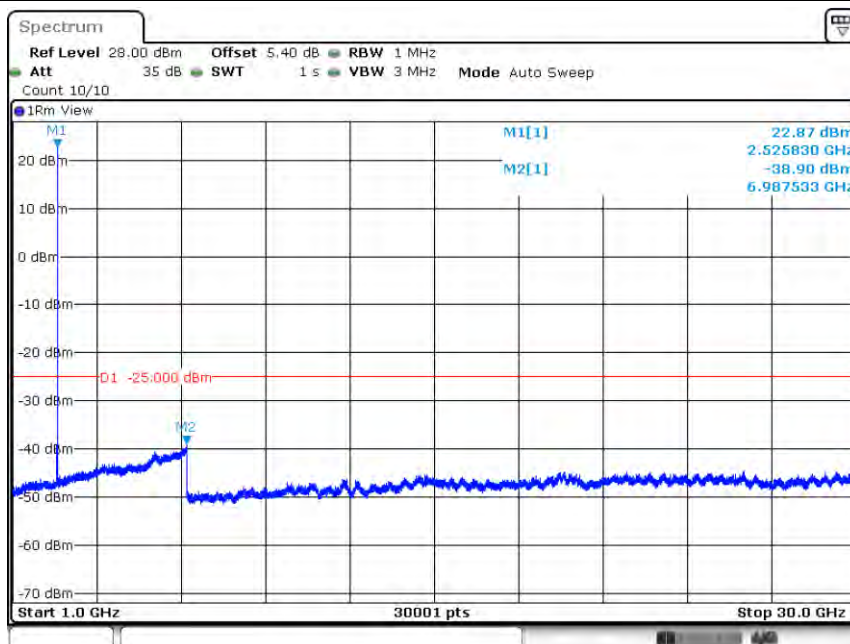
Date: 27.DEC.2020 13:41:23



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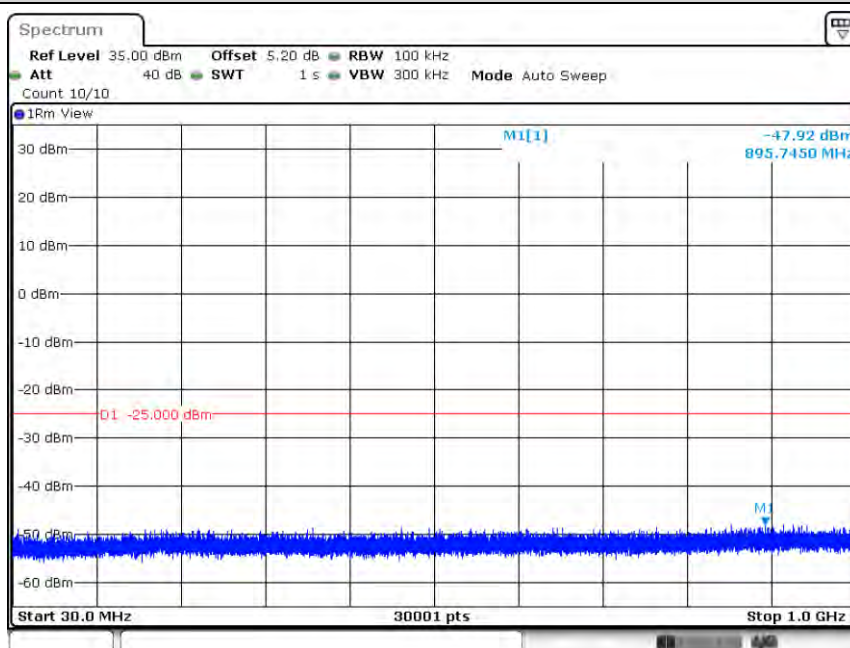
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 27.DEC.2020 13:41:40

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



Date: 27.DEC.2020 13:42:34

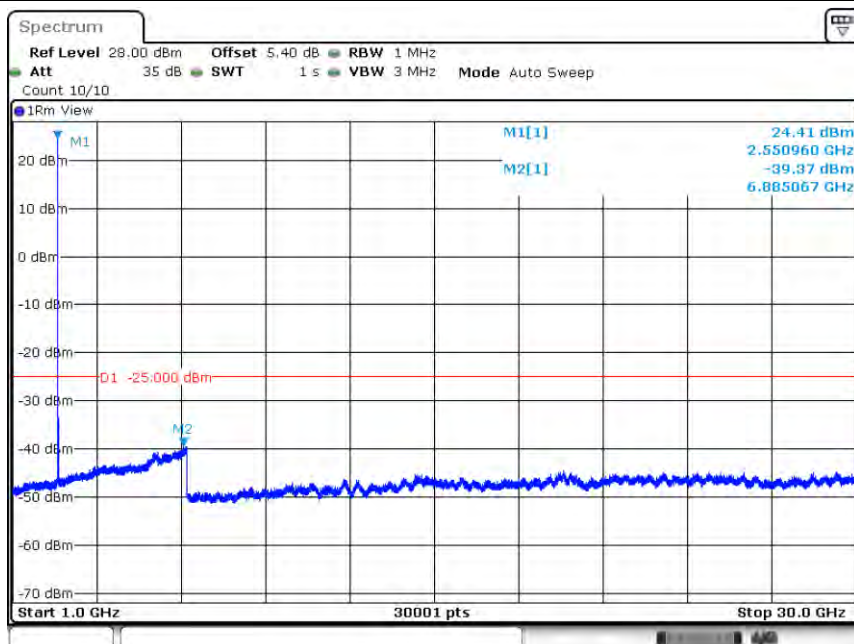


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Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 27 DEC. 2020 13:42:50





7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_7_TM1 ANT 2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-70.08	-63.10	-25.00	38.10	Horizontal
2	105.4698	-70.72	-75.55	-25.00	50.55	Horizontal
3	241.4221	-71.33	-68.57	-25.00	43.57	Horizontal
4	3584.4234	-54.77	-62.98	-25.00	37.98	Horizontal
5	7473.7790	-58.14	-58.16	-25.00	33.16	Horizontal
6	16386.535	-60.47	-46.26	-25.00	21.26	Horizontal





7.2. Test Band = LTE_7_TM1 ANT 2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.0186	-70.12	-75.27	-25.00	50.27	Vertical
2	109.8835	-70.24	-63.86	-25.00	38.86	Vertical
3	603.8807	-71.22	-63.59	-25.00	38.59	Vertical
4	3721.2288	-54.79	-64.05	-25.00	39.05	Vertical
5	7450.3780	-58.37	-58.05	-25.00	33.05	Vertical
6	17993.399	-60.16	-42.45	-25.00	17.45	Vertical



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7.3. Test Band = LTE_7_TM1 ANT 2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	52.5051	-64.45	-62.18	-25.00	37.18	Horizontal
2	246.4178	-71.87	-69.22	-25.00	44.22	Horizontal
3	606.4998	-71.00	-63.33	-25.00	38.33	Horizontal
4	3595.8238	-55.00	-63.12	-25.00	38.12	Horizontal
5	7459.9784	-58.61	-58.63	-25.00	33.63	Horizontal
6	17985.599	-58.83	-46.05	-25.00	21.05	Horizontal



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7.4. Test Band = LTE_7_TM1 ANT 2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.2611	-69.84	-75.23	-25.00	50.23	Vertical
2	109.0590	-70.87	-64.68	-25.00	39.68	Vertical
3	457.3064	-70.04	-65.79	-25.00	40.79	Vertical
4	3633.0253	-54.88	-64.06	-25.00	39.06	Vertical
5	7451.5781	-58.32	-58.01	-25.00	33.01	Vertical
6	17981.399	-59.78	-42.37	-25.00	17.37	Vertical



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7.5. Test Band = LTE_7_TM1 ANT 2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4537	-68.95	-61.96	-25.00	36.96	Horizontal
2	84.9047	-71.31	-75.78	-25.00	50.78	Horizontal
3	245.3508	-71.27	-68.60	-25.00	43.60	Horizontal
4	3730.8292	-54.20	-62.68	-25.00	37.68	Horizontal
5	7434.7774	-58.29	-58.33	-25.00	33.33	Horizontal
6	16393.735	-60.48	-46.14	-25.00	21.14	Horizontal





7.6. Test Band = LTE_7_TM1 ANT 2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.2425	-70.79	-75.18	-25.00	50.18	Vertical
2	109.3015	-71.61	-65.36	-25.00	40.36	Vertical
3	501.3951	-70.77	-66.13	-25.00	41.13	Vertical
4	3748.8300	-54.86	-63.98	-25.00	38.98	Vertical
5	7343.5737	-58.59	-58.08	-25.00	33.08	Vertical
6	17991.599	-59.46	-41.79	-25.00	16.79	Vertical



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7.7. Test Band = LTE_7_TM1 ANT 3

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.1927	-69.90	-62.97	-25.00	37.97	Horizontal
2	107.6039	-70.99	-75.96	-25.00	50.96	Horizontal
3	248.6489	-72.41	-69.81	-25.00	44.81	Horizontal
4	3636.6255	-54.42	-62.68	-25.00	37.68	Horizontal
5	7454.5782	-59.20	-59.23	-25.00	34.23	Horizontal
6	16388.335	-60.87	-46.63	-25.00	21.63	Horizontal





7.8. Test Band = LTE_7_TM1 ANT 3

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.1156	-70.28	-75.53	-25.00	50.53	Vertical
2	108.7194	-70.50	-64.39	-25.00	39.39	Vertical
3	602.7651	-71.35	-63.72	-25.00	38.72	Vertical
4	3513.0205	-54.28	-64.21	-25.00	39.21	Vertical
5	7362.7745	-59.06	-58.53	-25.00	33.53	Vertical
6	17996.399	-60.42	-42.63	-25.00	17.63	Vertical





7.9. Test Band = LTE_7_TM1 ANT 3

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3567	-70.72	-63.73	-25.00	38.73	Horizontal
2	101.7351	-70.28	-74.87	-25.00	49.87	Horizontal
3	241.8101	-72.83	-70.08	-25.00	45.08	Horizontal
4	3599.4240	-54.72	-62.80	-25.00	37.80	Horizontal
5	7352.5741	-58.76	-58.94	-25.00	33.94	Horizontal
6	17999.400	-59.58	-46.46	-25.00	21.46	Horizontal



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7.10. Test Band = LTE_7_TM1 ANT 3

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.9215	-70.61	-75.67	-25.00	50.67	Vertical
2	119.8750	-70.04	-64.50	-25.00	39.50	Vertical
3	605.3358	-71.84	-64.22	-25.00	39.22	Vertical
4	3532.2213	-54.53	-64.27	-25.00	39.27	Vertical
5	7347.1739	-59.41	-58.90	-25.00	33.90	Vertical
6	17995.199	-60.19	-42.43	-25.00	17.43	Vertical



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7.11. Test Band = LTE_7_TM1 ANT 3

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.9501	-71.79	-64.88	-25.00	39.88	Horizontal
2	104.7422	-70.79	-75.57	-25.00	50.57	Horizontal
3	237.5904	-73.16	-70.36	-25.00	45.36	Horizontal
4	3509.4204	-54.33	-63.19	-25.00	38.19	Horizontal
5	7474.3790	-59.06	-59.08	-25.00	34.08	Horizontal
6	16378.735	-60.89	-46.82	-25.00	21.82	Horizontal



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7.12. Test Band = LTE_7_TM1 ANT 3

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	31.2126	-70.27	-75.62	-25.00	50.62	Vertical
2	111.6781	-71.06	-64.80	-25.00	39.80	Vertical
3	616.2973	-71.04	-63.46	-25.00	38.46	Vertical
4	3693.6277	-54.24	-63.59	-25.00	38.59	Vertical
5	7408.9764	-58.80	-58.28	-25.00	33.28	Vertical
6	17998.800	-60.36	-42.51	-25.00	17.51	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 The disturbance above 18GHz 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.
- 4 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.
- 5 The whole testing has assessed Ant1 & Ant2 & Ant3 & Ant5, But only the worst data Ant2&Ant3 has be reported



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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	-15.80	-0.006295	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	-18.40	-0.007331	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	-5.90	-0.002351	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-9.90	-0.003905	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	4.10	0.001617	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	7.90	0.003116	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	2.00	0.000781	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-0.40	-0.000156	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-6.80	-0.002656	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	-3.90	-0.001554	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-9.00	-0.003586	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	-7.00	-0.002789	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-9.60	-0.003787	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	2.30	0.000907	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	7.10	0.002801	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-0.30	-0.000117	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	0.90	0.000352	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-6.40	-0.002500	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-19.80	-0.007888	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-5.50	-0.002191	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-14.30	-0.005697	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	3.20	0.001262	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-11.10	-0.004379	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	1.50	0.000592	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	6.50	0.002539	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-1.80	-0.000703	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-5.80	-0.002266	±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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Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-6.50	-0.002590	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-1.80	-0.000717	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-12.10	-0.004821	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-10.70	-0.004263	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-2.00	-0.000797	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-17.30	-0.006892	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-13.30	-0.005299	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-14.10	-0.005618	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	-7.90	-0.003147	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	7.30	0.002880	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-3.20	-0.001262	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	5.40	0.002130	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-1.40	-0.000552	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-4.70	-0.001854	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-6.50	-0.002564	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	5.70	0.002249	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-5.80	-0.002288	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-1.70	-0.000664	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-7.20	-0.002813	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-6.70	-0.002617	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	7.60	0.002969	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	4.60	0.001797	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	1.80	0.000703	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-1.20	-0.000469	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-0.20	-0.000078	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-8.30	-0.003242	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	-9.10	-0.003625	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-18.70	-0.007450	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	-16.30	-0.006494	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	-15.60	-0.006215	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-14.80	-0.005896	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	-9.50	-0.003785	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	-14.00	-0.005578	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	-1.60	-0.000637	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	-8.10	-0.003227	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	1.70	0.000671	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	2.00	0.000789	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	-10	-10.40	-0.004103	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	6.00	0.002367	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-8.20	-0.003235	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	7.10	0.002801	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-6.90	-0.002722	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	40	-6.00	-0.002367	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	4.70	0.001854	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-7.40	-0.002891	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	-8.10	-0.003164	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	2.70	0.001055	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	-2.70	-0.001055	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	-2.30	-0.000898	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-2.30	-0.000898	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	-0.20	-0.000078	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-10.60	-0.004141	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	7.40	0.002891	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-14.50	-0.005777	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-10.70	-0.004263	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	-9.70	-0.003865	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-21.50	-0.008566	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-11.40	-0.004542	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-4.60	-0.001833	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-6.40	-0.002550	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-13.40	-0.005339	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-3.50	-0.001394	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-10.20	-0.004024	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-6.90	-0.002722	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-5.10	-0.002012	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-6.80	-0.002682	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	5.80	0.002288	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-9.50	-0.003748	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-4.70	-0.001854	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-6.50	-0.002564	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-0.70	-0.000276	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	0.30	0.000117	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-4.20	-0.001641	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	-6.80	-0.002656	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	8.90	0.003477	±2.5	PASS



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Band7	20MHz	16QAM	21350	100RB#0	NV	10	-1.10	-0.000430	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-5.00	-0.001953	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	5.00	0.001953	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-7.70	-0.003008	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-6.10	-0.002383	±2.5	PASS



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