



Appendix B

E-UTRA Band 7



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1 Effective (Isotropic) Radiated Power

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.15	23.78	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.23	23.86	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.31	23.94	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.38	23.01	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.30	22.93	33.00	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.37	23.00	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.30	22.93	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.89	23.52	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.91	23.54	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.10	23.73	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.25	22.88	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.28	22.91	33.00	PASS
Band7	5MHz	QPSK	21100	12RB#13	22.28	22.91	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.25	22.88	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.22	23.85	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.12	23.75	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.31	23.94	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.48	23.11	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.35	22.98	33.00	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.37	23.00	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.41	23.04	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.54	22.17	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.79	22.42	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.46	23.09	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.33	21.96	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.37	22.00	33.00	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.42	22.05	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.47	22.10	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.95	22.58	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.96	22.59	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.78	22.41	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#0	21.16	21.79	33.00	PASS



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Band7	5MHz	16QAM	21100	12RB#6	21.18	21.81	33.00	PASS
Band7	5MHz	16QAM	21100	12RB#13	21.15	21.78	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.30	21.93	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.59	23.22	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.24	22.87	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.97	22.60	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#0	21.64	22.27	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#6	21.59	22.22	33.00	PASS
Band7	5MHz	16QAM	21425	12RB#13	21.28	21.91	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.38	22.01	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.09	21.72	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#12	21.18	21.81	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.25	21.88	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#0	20.37	21.00	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#6	20.23	20.86	33.00	PASS
Band7	5MHz	64QAM	20775	12RB#13	20.30	20.93	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.24	20.87	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	20.79	21.42	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#12	20.82	21.45	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.04	21.67	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#0	20.20	20.83	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#6	20.21	20.84	33.00	PASS
Band7	5MHz	64QAM	21100	12RB#13	20.18	20.81	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.18	20.81	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.19	21.82	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.04	21.67	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.24	21.87	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#0	20.46	21.09	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#6	20.33	20.96	33.00	PASS
Band7	5MHz	64QAM	21425	12RB#13	20.30	20.93	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.39	21.02	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.14	23.77	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.12	23.75	33.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.06	23.69	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.14	22.77	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#12	22.16	22.79	33.00	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.40	23.03	33.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.21	22.84	33.00	PASS



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Band7	10MHz	QPSK	21100	1RB#0	23.39	24.02	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.16	23.79	33.00	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.01	23.64	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.37	23.00	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.30	22.93	33.00	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.34	22.97	33.00	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.35	22.98	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.34	23.97	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.31	23.94	33.00	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.22	23.85	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.60	23.23	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.48	23.11	33.00	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.45	23.08	33.00	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.51	23.14	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.90	22.53	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.35	22.98	33.00	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.97	22.60	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.20	21.83	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.28	21.91	33.00	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.31	21.94	33.00	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.28	21.91	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.16	22.79	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.23	22.86	33.00	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.26	22.89	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#0	21.37	22.00	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#12	21.31	21.94	33.00	PASS
Band7	10MHz	16QAM	21100	25RB#25	21.35	21.98	33.00	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.34	21.97	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.52	23.15	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.59	23.22	33.00	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.68	23.31	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#0	21.54	22.17	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#12	21.50	22.13	33.00	PASS
Band7	10MHz	16QAM	21400	25RB#25	21.38	22.01	33.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.54	22.17	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.13	21.76	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#24	21.11	21.74	33.00	PASS
Band7	10MHz	64QAM	20800	1RB#49	20.96	21.59	33.00	PASS



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Band7	10MHz	64QAM	20800	25RB#0	20.11	20.74	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#12	20.09	20.72	33.00	PASS
Band7	10MHz	64QAM	20800	25RB#25	20.32	20.95	33.00	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.13	20.76	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#0	21.35	21.98	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.14	21.77	33.00	PASS
Band7	10MHz	64QAM	21100	1RB#49	20.93	21.56	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#0	20.27	20.90	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#12	20.22	20.85	33.00	PASS
Band7	10MHz	64QAM	21100	25RB#25	20.32	20.95	33.00	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.26	20.89	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.30	21.93	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.22	21.85	33.00	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.18	21.81	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#0	20.53	21.16	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#12	20.44	21.07	33.00	PASS
Band7	10MHz	64QAM	21400	25RB#25	20.40	21.03	33.00	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.50	21.13	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.05	23.68	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.03	23.66	33.00	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.35	23.98	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.10	22.73	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.26	22.89	33.00	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.38	23.01	33.00	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.37	23.00	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.27	23.90	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.34	23.97	33.00	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.29	23.92	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#0	22.37	23.00	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.29	22.92	33.00	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.41	23.04	33.00	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.35	22.98	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.26	23.89	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.22	23.85	33.00	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.24	23.87	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.49	23.12	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.43	23.06	33.00	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.46	23.09	33.00	PASS



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Band7	15MHz	QPSK	21375	75RB#0	22.46	23.09	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.24	22.87	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.89	22.52	33.00	PASS
Band7	15MHz	16QAM	20825	1RB#74	21.99	22.62	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.34	21.97	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.34	21.97	33.00	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.43	22.06	33.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.48	22.11	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.53	22.16	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.38	22.01	33.00	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.28	22.91	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.42	22.05	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.43	22.06	33.00	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.37	22.00	33.00	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.41	22.04	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.44	23.07	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.09	22.72	33.00	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.64	23.27	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.53	22.16	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.39	22.02	33.00	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.47	22.10	33.00	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.61	22.24	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#0	20.95	21.58	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#38	20.97	21.60	33.00	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.28	21.91	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#0	20.03	20.66	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#18	20.21	20.84	33.00	PASS
Band7	15MHz	64QAM	20825	38RB#37	20.35	20.98	33.00	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.36	20.99	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#0	21.20	21.83	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.27	21.90	33.00	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.28	21.91	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#0	20.27	20.90	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#18	20.26	20.89	33.00	PASS
Band7	15MHz	64QAM	21100	38RB#37	20.36	20.99	33.00	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.30	20.93	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.18	21.81	33.00	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.16	21.79	33.00	PASS



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Band7	15MHz	64QAM	21375	1RB#74	21.22	21.85	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#0	20.47	21.10	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#18	20.34	20.97	33.00	PASS
Band7	15MHz	64QAM	21375	38RB#37	20.38	21.01	33.00	PASS
Band7	15MHz	64QAM	21375	75RB#0	20.37	21.00	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.92	23.55	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.04	23.67	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.33	23.96	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.11	22.74	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.25	22.88	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.35	22.98	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.32	22.95	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.14	23.77	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.04	23.67	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.98	23.61	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.16	22.79	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.16	22.79	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.22	22.85	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.19	22.82	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.26	23.89	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.33	23.96	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.21	23.84	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.31	22.94	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.42	23.05	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.34	22.97	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.28	22.91	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.93	22.56	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.00	22.63	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.96	22.59	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.16	21.79	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.33	21.96	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.40	22.03	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.35	21.98	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.70	22.33	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.97	22.60	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.21	22.84	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	21.13	21.76	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.19	21.82	33.00	PASS



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Band7	20MHz	16QAM	21100	50RB#50	21.32	21.95	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.20	21.83	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.48	23.11	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.23	22.86	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.32	22.95	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.35	21.98	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.39	22.02	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.42	22.05	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.32	21.95	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	20.84	21.47	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	20.94	21.57	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.24	21.87	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.01	20.64	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	20.16	20.79	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.32	20.95	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.23	20.86	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.07	21.70	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	20.99	21.62	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	20.95	21.58	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	20.07	20.70	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.13	20.76	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.19	20.82	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.14	20.77	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.25	21.88	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.29	21.92	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.16	21.79	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	20.27	20.90	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	20.37	21.00	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.28	20.91	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.27	20.90	33.00	PASS

Remark:

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

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

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



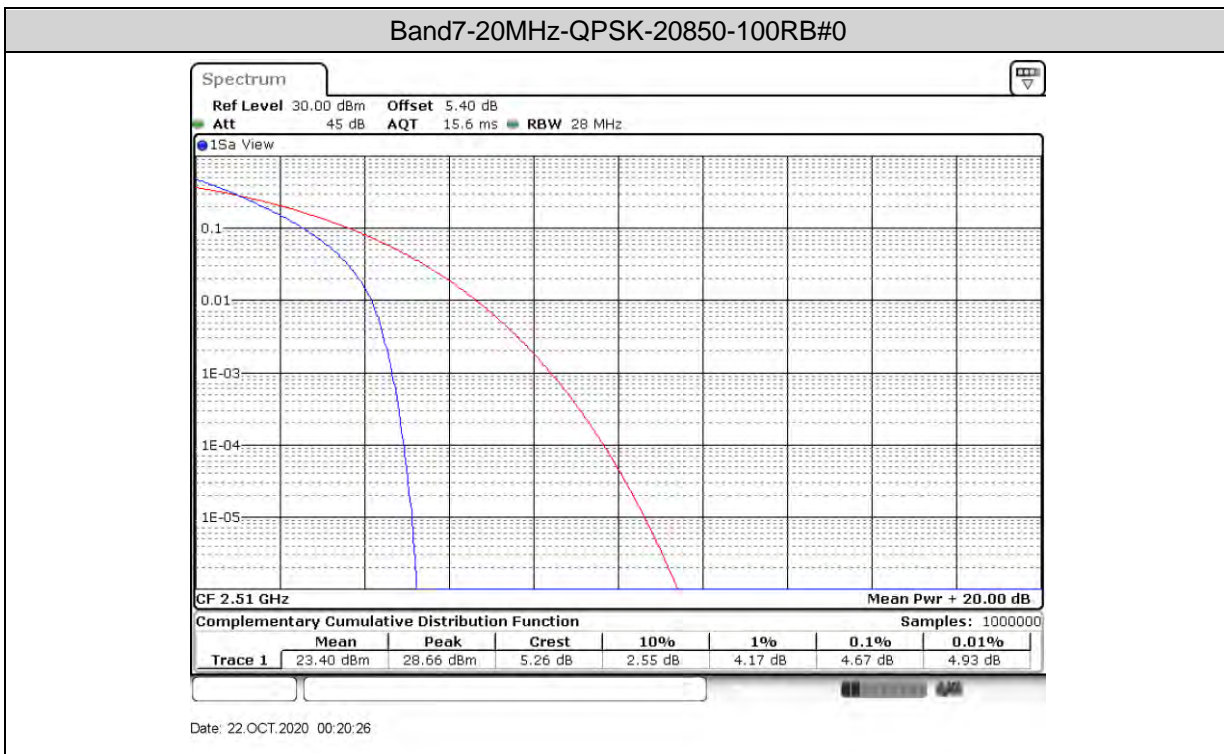
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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	4.67	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.01	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.87	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.71	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.03	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.86	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.49	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.84	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.75	13	PASS

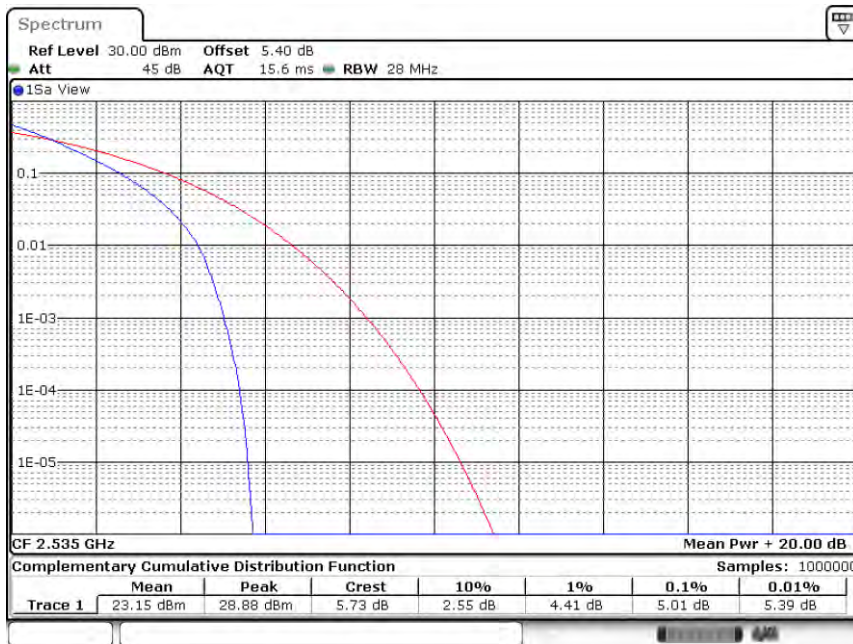
2.2 Test Plots



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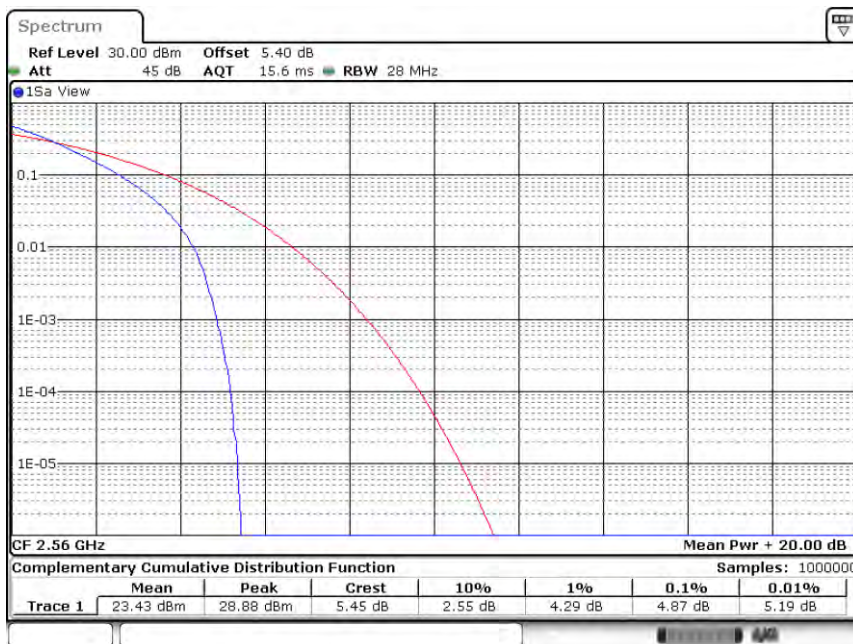
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Band7-20MHz-QPSK-21100-100RB#0



Date: 22.OCT.2020 00:20:55

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

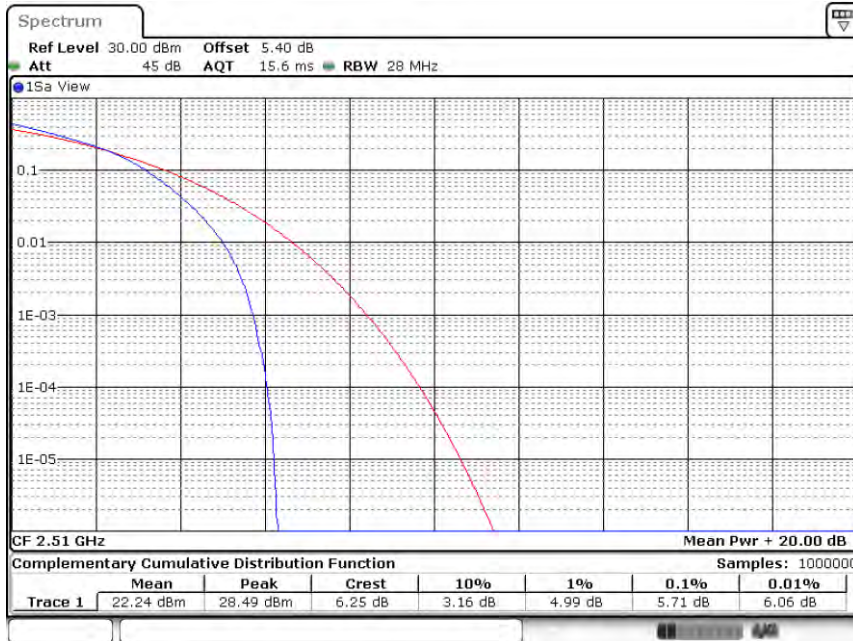


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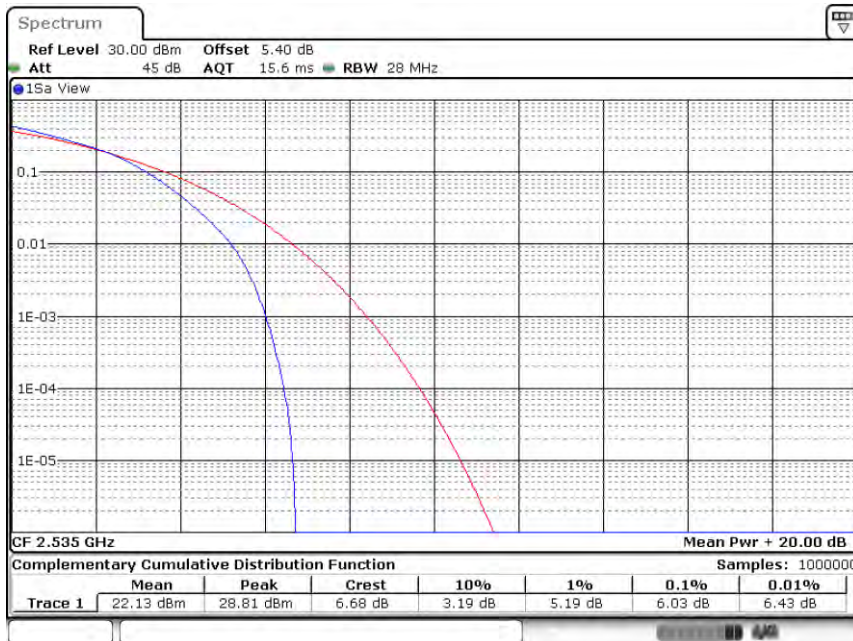
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Band7-20MHz-16QAM-20850-100RB#0



Date: 22.OCT.2020 00:20:41

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



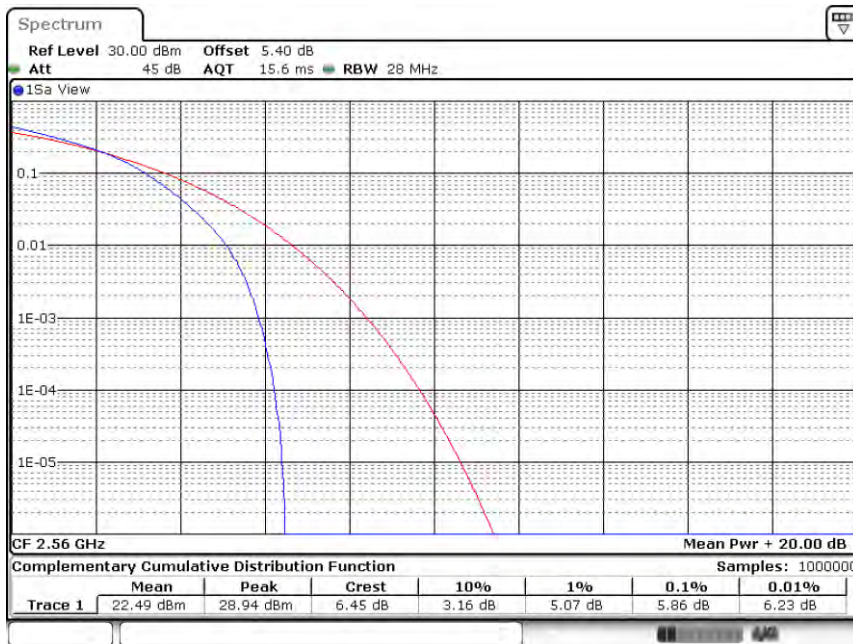
Date: 22.OCT.2020 00:21:09



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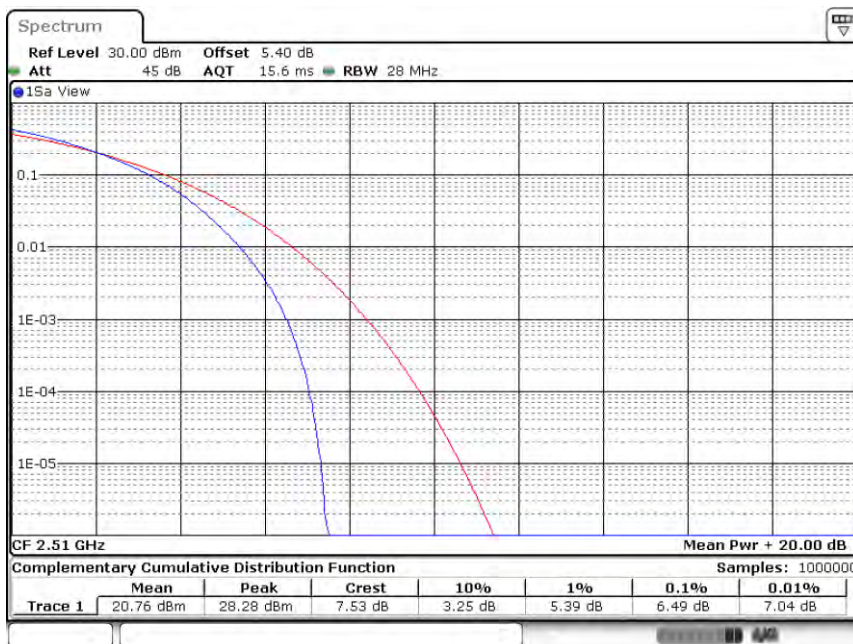
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Band7-20MHz-16QAM-21350-100RB#0



Date: 22.OCT.2020 00:21:38

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



Date: 22.OCT.2020 11:22:42



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



Date: 22.OCT.2020 11:22:57

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



Date: 22.OCT.2020 11:23:11



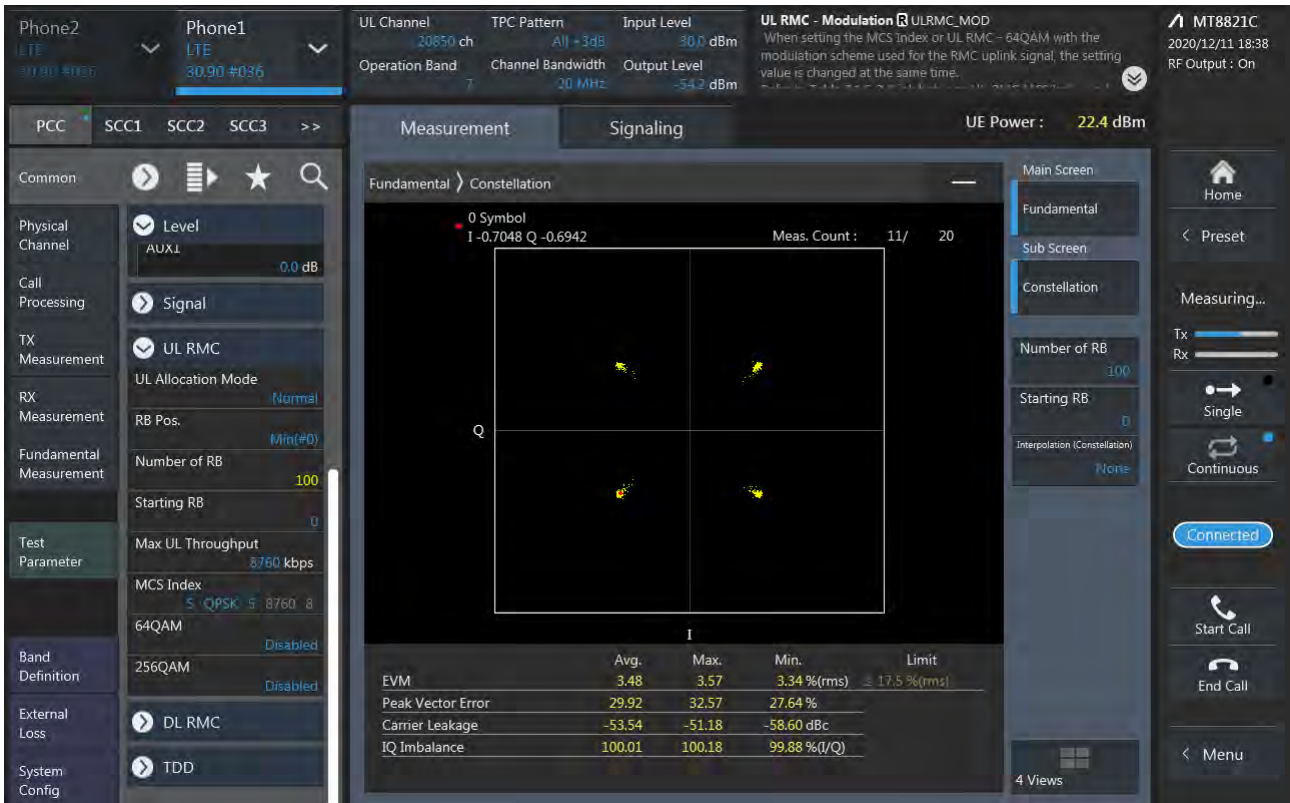
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3 Modulation Characteristics

3.1.1 Test Mode = LTE /TM1 20MHz

3.1.1.1 Test Channel = MCH

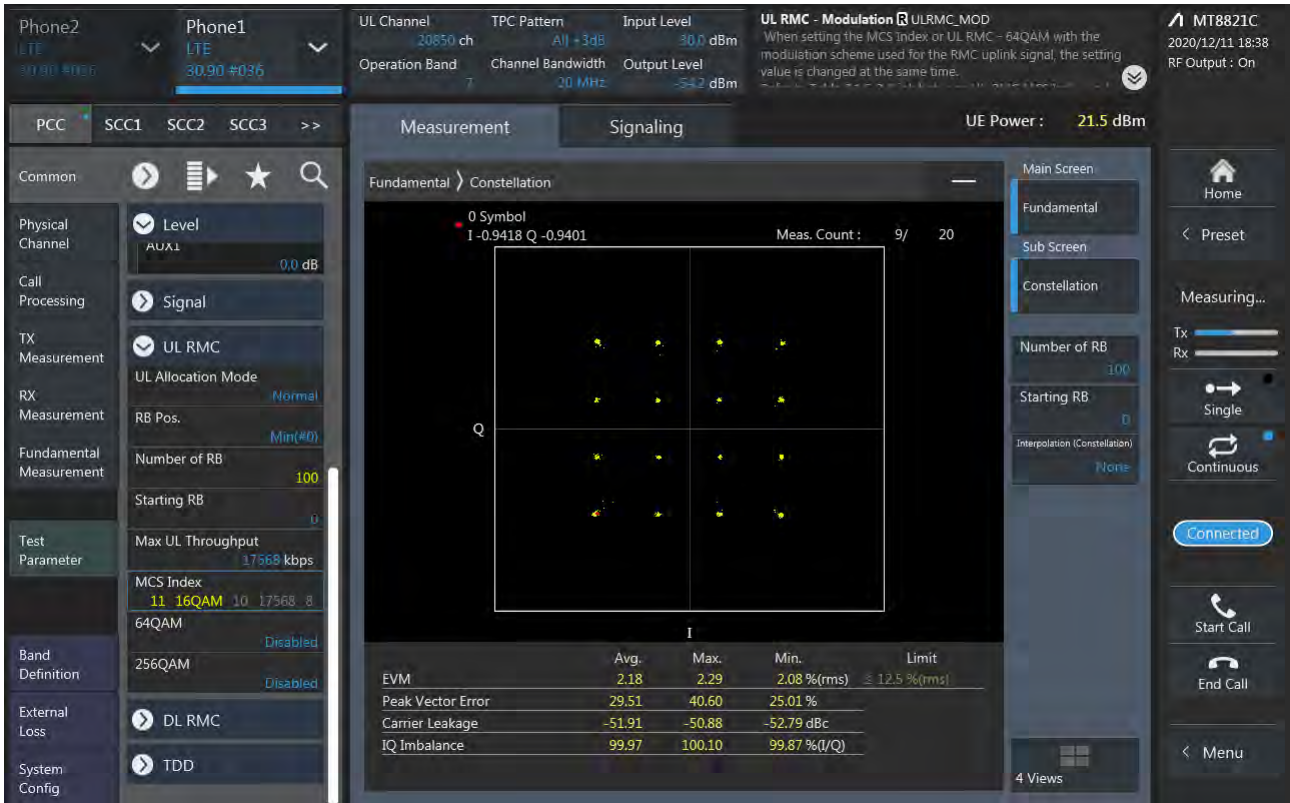


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3.1.2 Test Mode = LTE /TM2 20MHz

3.1.2.1 Test Channel = MCH



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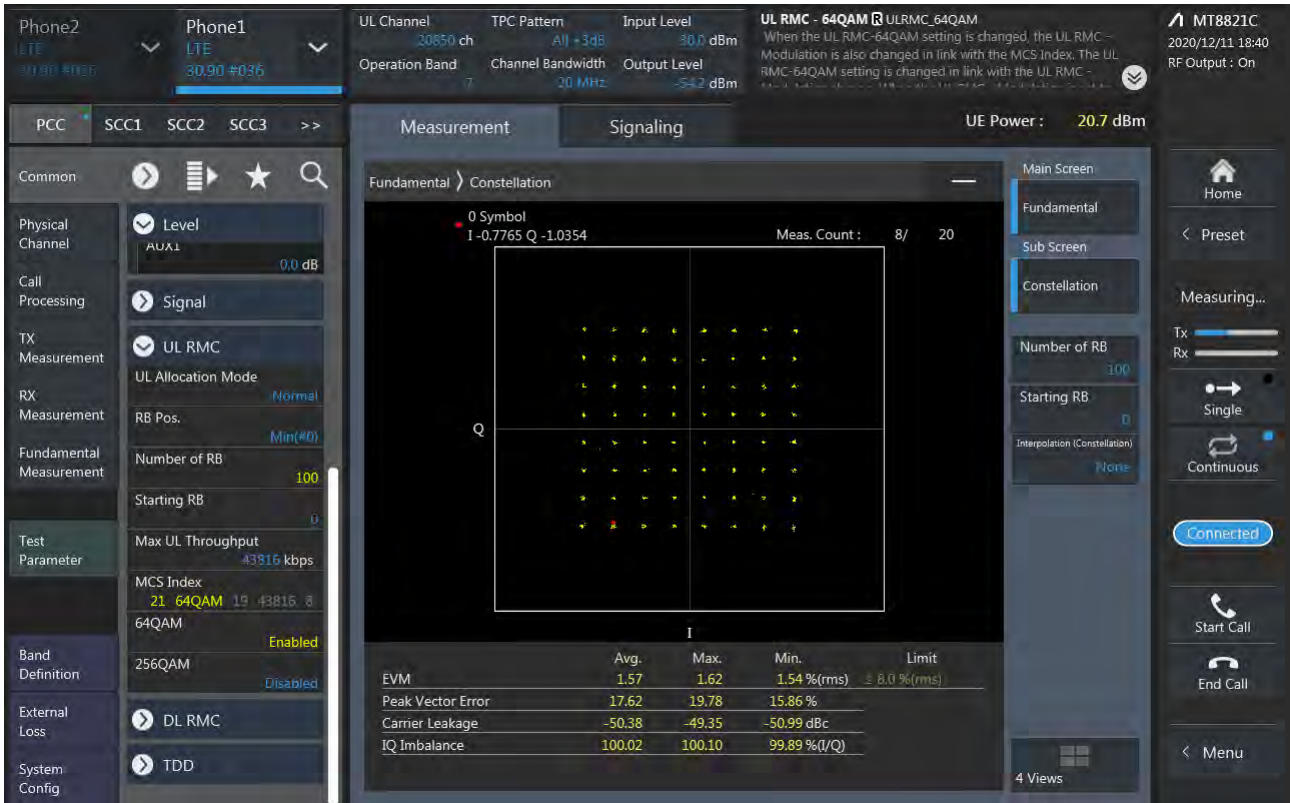
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3.1.3 Test Mode = LTE /TM3 20MHz

3.1.3.1 Test Channel = MCH



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4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.476	4.940	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.476	4.920	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.476	4.920	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.486	4.980	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.486	4.940	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.496	4.970	PASS
Band7	5MHz	64QAM	20775	25RB#0	4.476	4.930	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.476	4.940	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.476	4.940	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.931	9.700	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.911	9.680	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.911	9.680	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.931	9.700	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.911	9.740	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.911	9.740	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.911	9.700	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.911	9.640	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.911	9.660	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.457	14.760	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.427	14.760	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.397	14.760	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.427	14.760	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	14.730	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.427	14.700	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.427	14.820	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.427	14.790	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.397	14.700	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.862	19.320	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.822	19.400	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.862	19.400	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.862	19.400	PASS



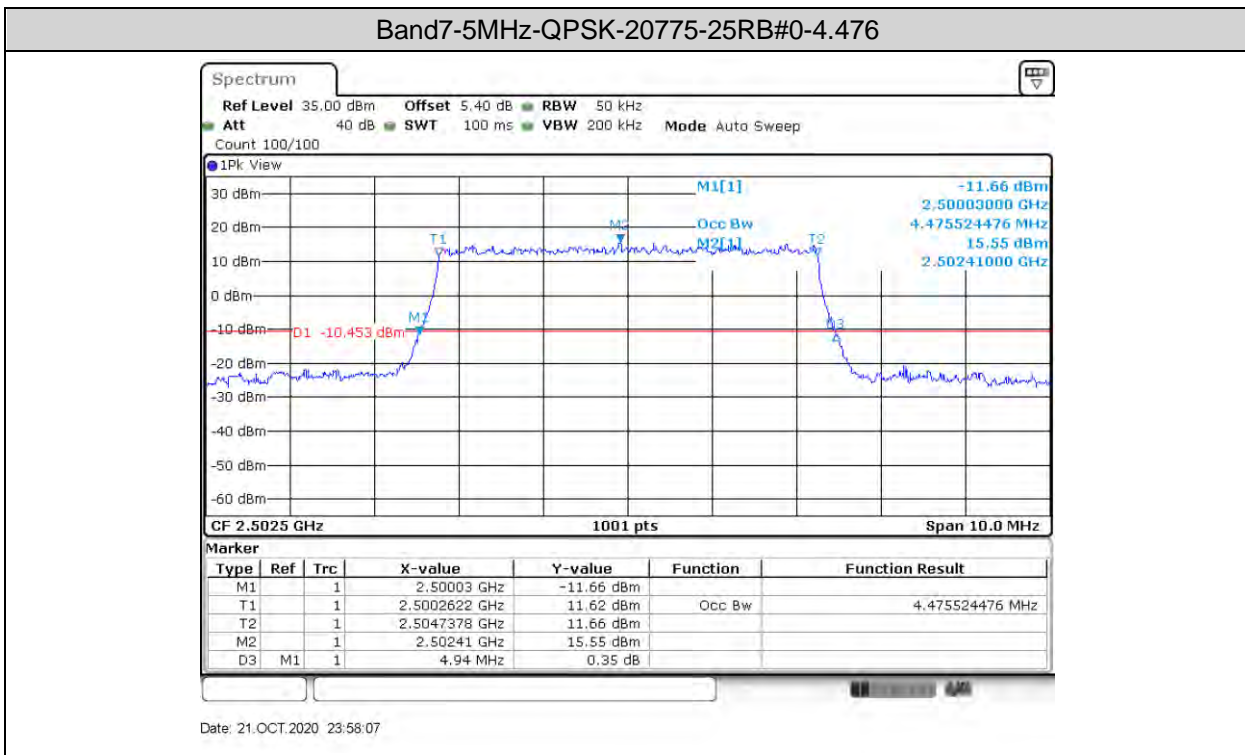
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Band7	20MHz	16QAM	21100	100RB#0	17.862	19.480	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.822	19.440	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.822	19.240	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.822	19.520	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.862	19.440	PASS

4.2 Test Plots

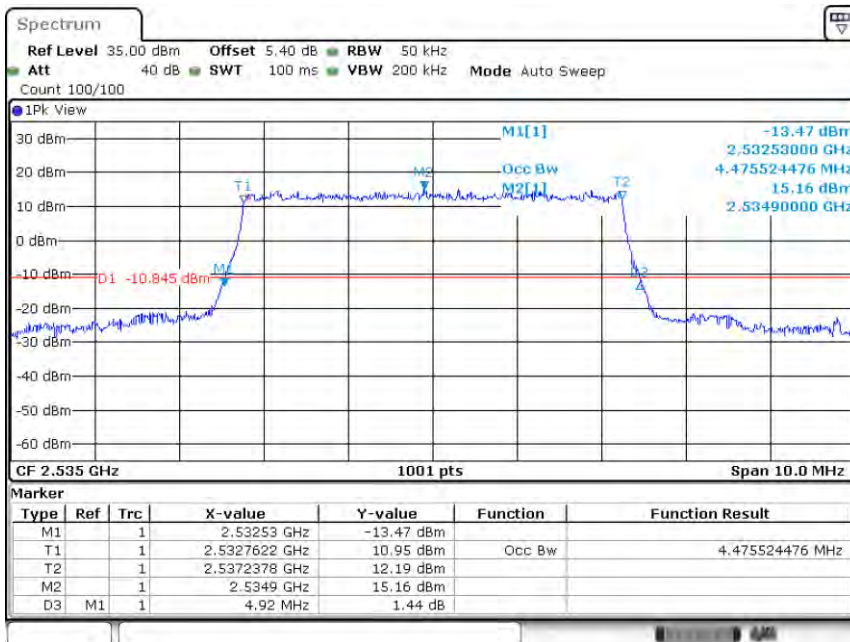


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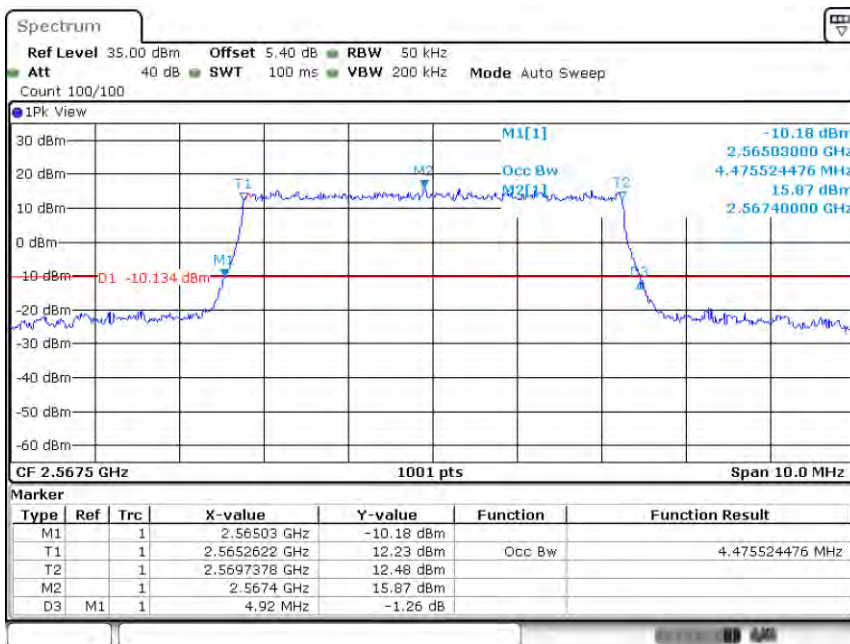
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Band7-5MHz-QPSK-21100-25RB#0-4.476



Date: 21.OCT.2020 23:58:53

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

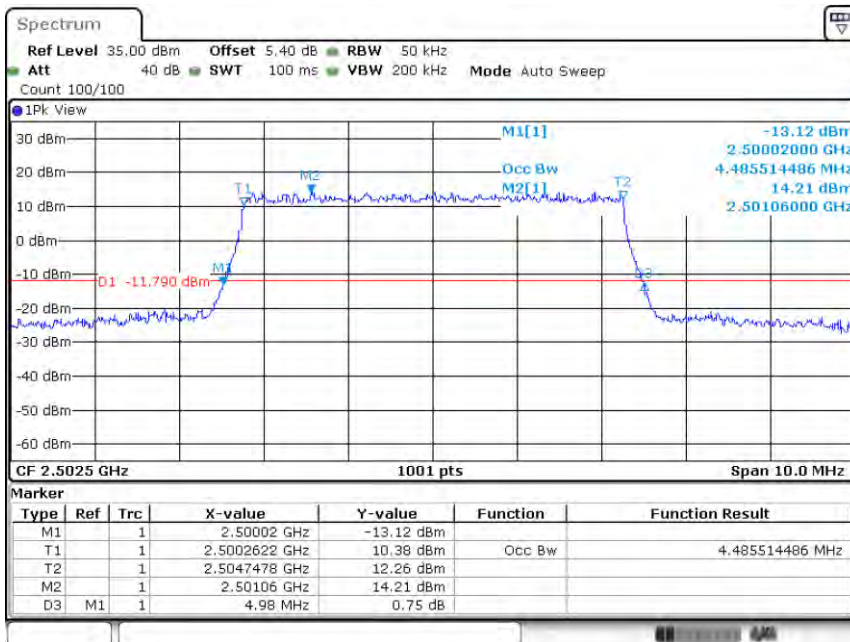


Date: 21.OCT.2020 23:59:39



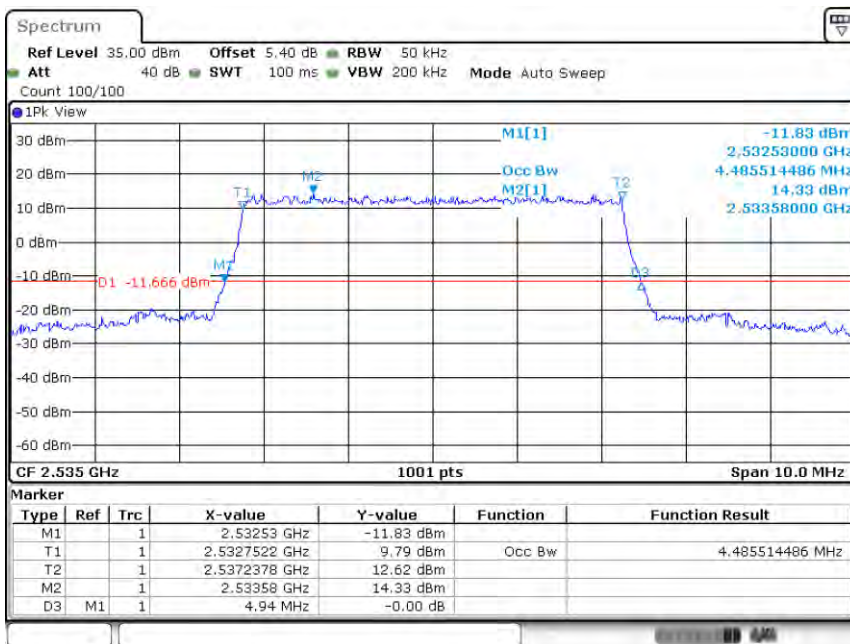
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Band7-5MHz-16QAM-20775-25RB#0-4.486



Date: 21.OCT.2020 23:58:30

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

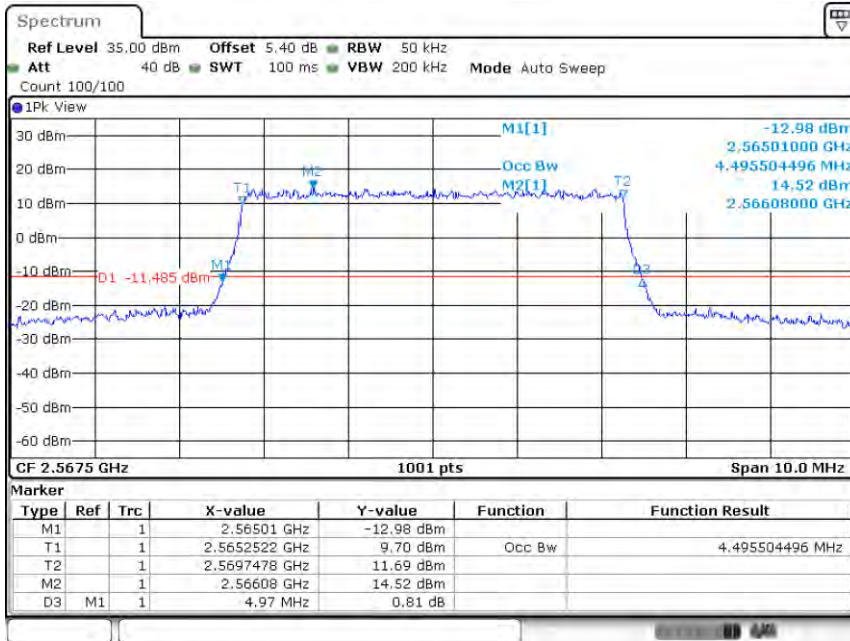


Date: 21.OCT.2020 23:59:16



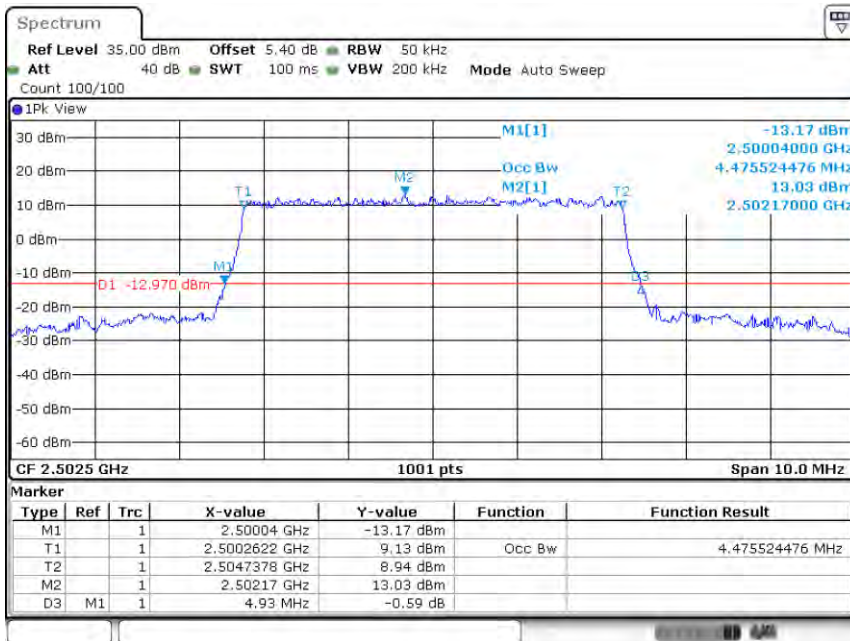
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Band7-5MHz-16QAM-21425-25RB#0-4.496



Date: 22.OCT.2020 00:00:02

Band7-5MHz-64QAM-20775-25RB#0-4.476

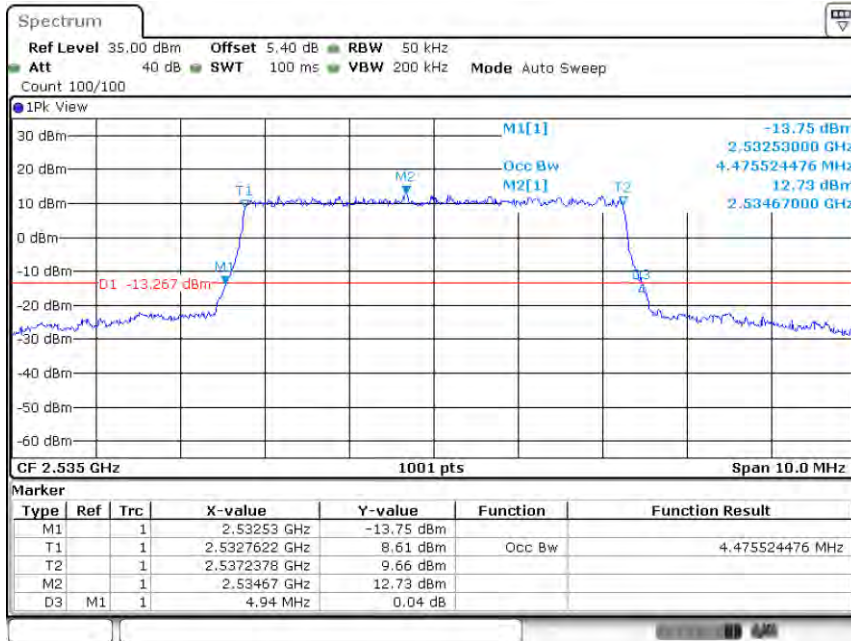


Date: 22.OCT.2020 11:10:39



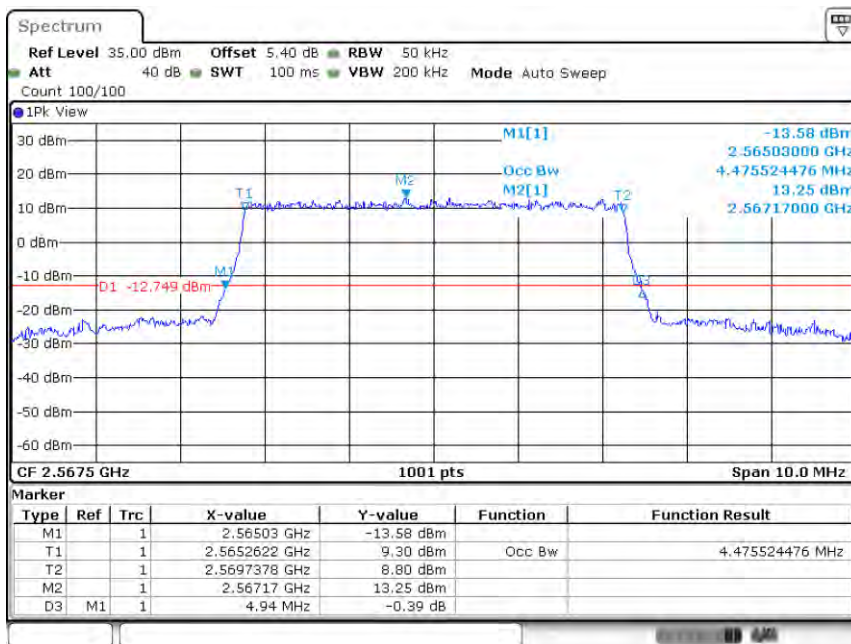
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Band7-5MHz-64QAM-21100-25RB#0-4.476



Date: 22.OCT.2020 11:11:02

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

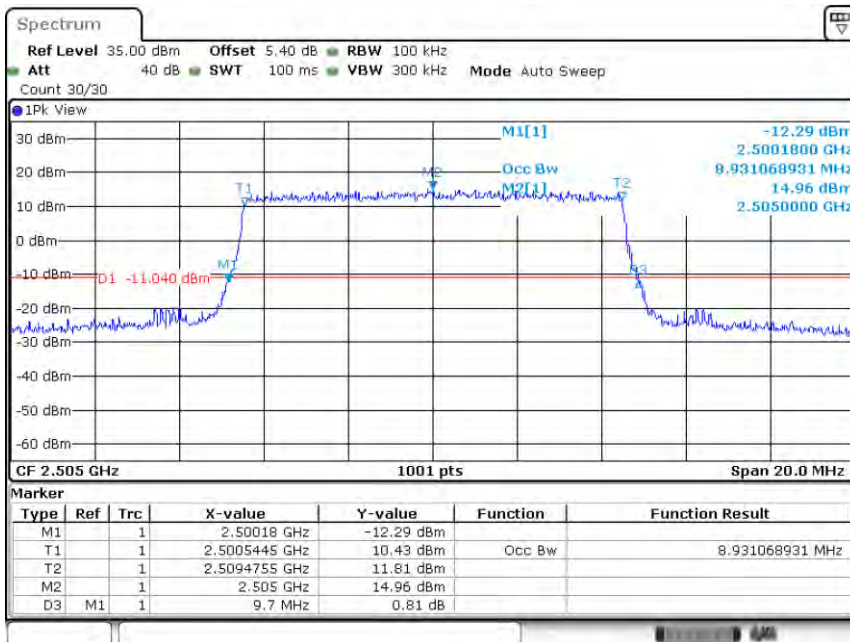


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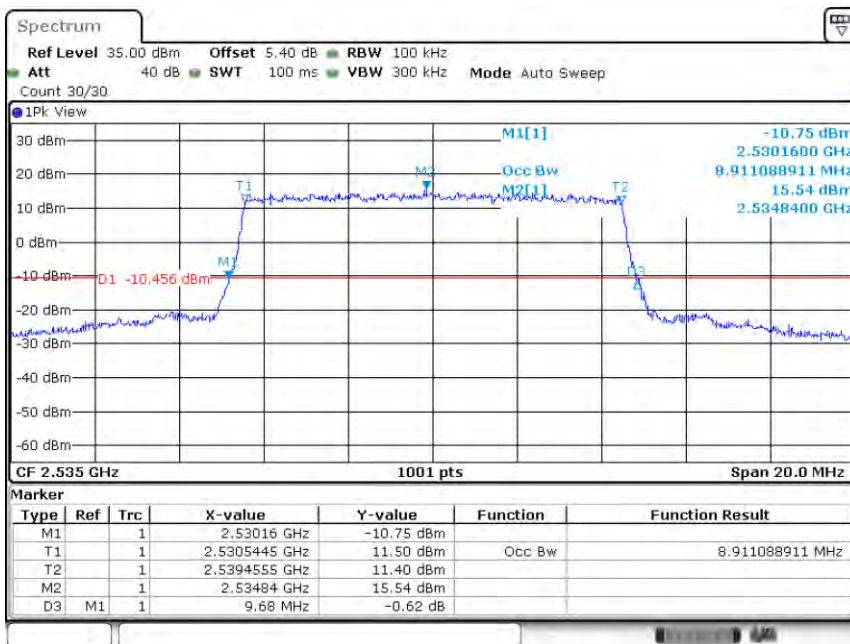
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Band7-10MHz-QPSK-20800-50RB#0-8.931



Date: 22.OCT.2020 00:00:24

Band7-10MHz-QPSK-21100-50RB#0-8.911

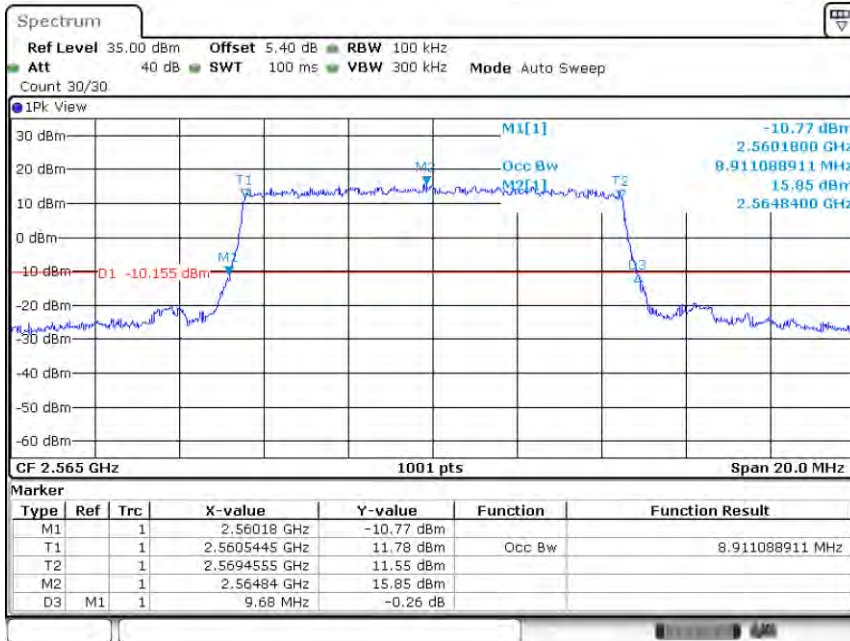


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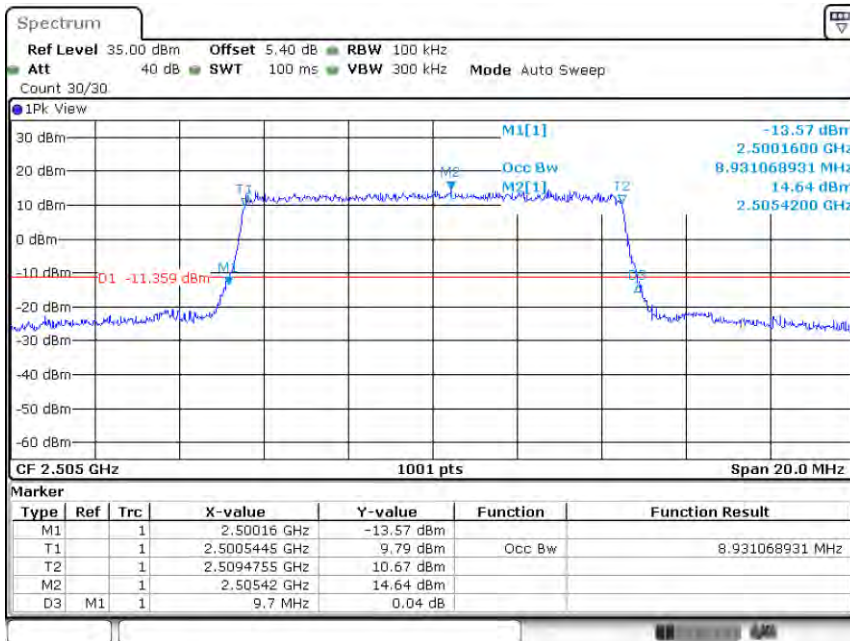
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Band7-10MHz-QPSK-21400-50RB#0-8.911



Date: 22.OCT.2020 00:01:28

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

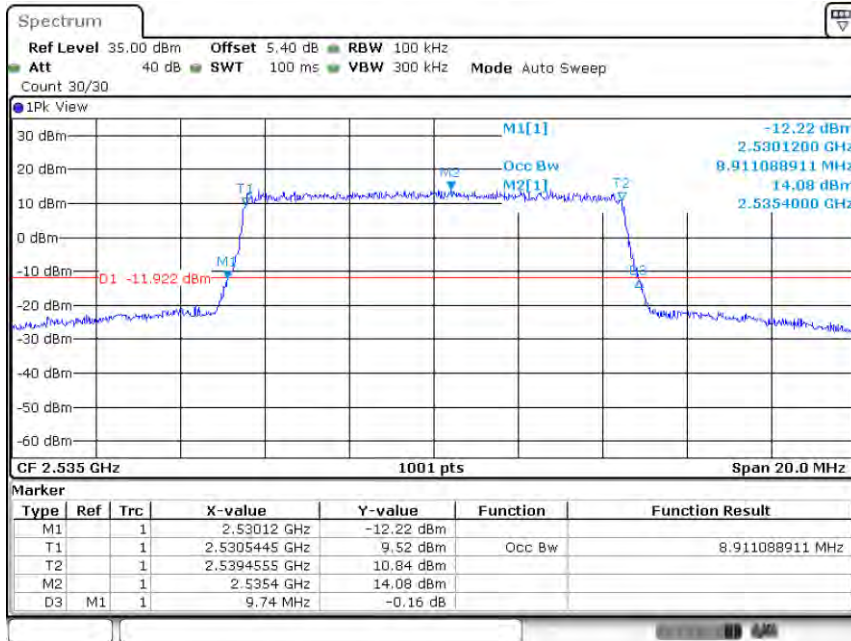


Date: 22.OCT.2020 00:00:40



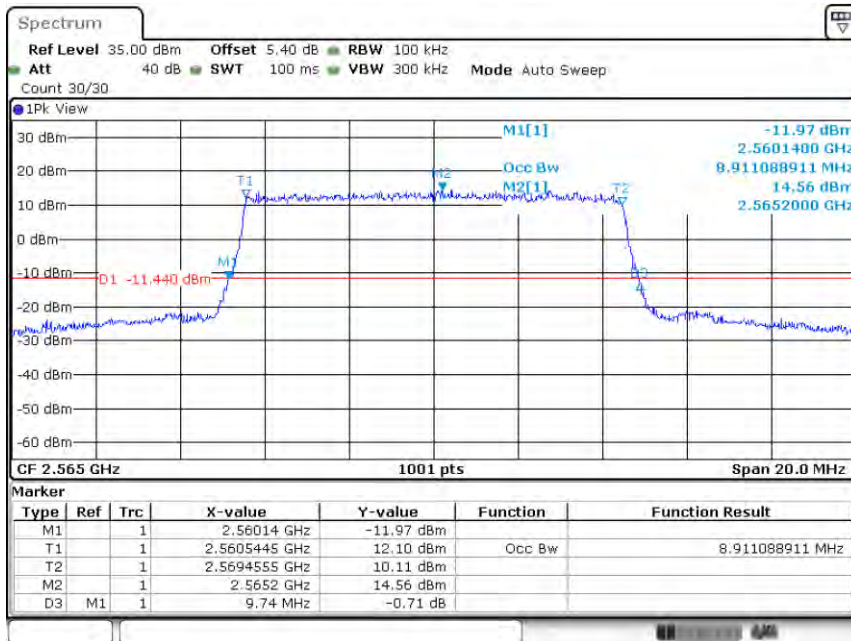
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Band7-10MHz-16QAM-21100-50RB#0-8.911



Date: 22.OCT.2020 00:01:12

Band7-10MHz-16QAM-21400-50RB#0-8.911

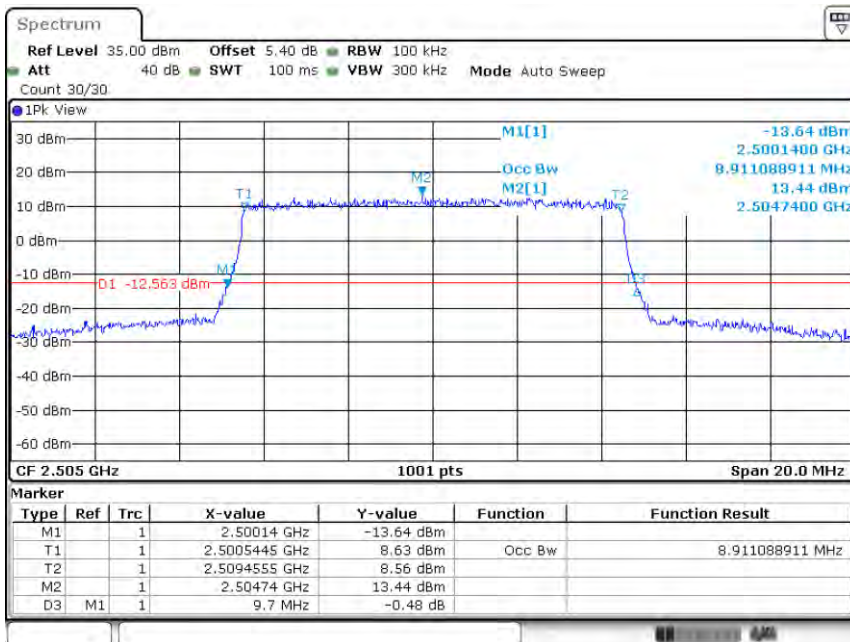


Date: 22.OCT.2020 00:01:44



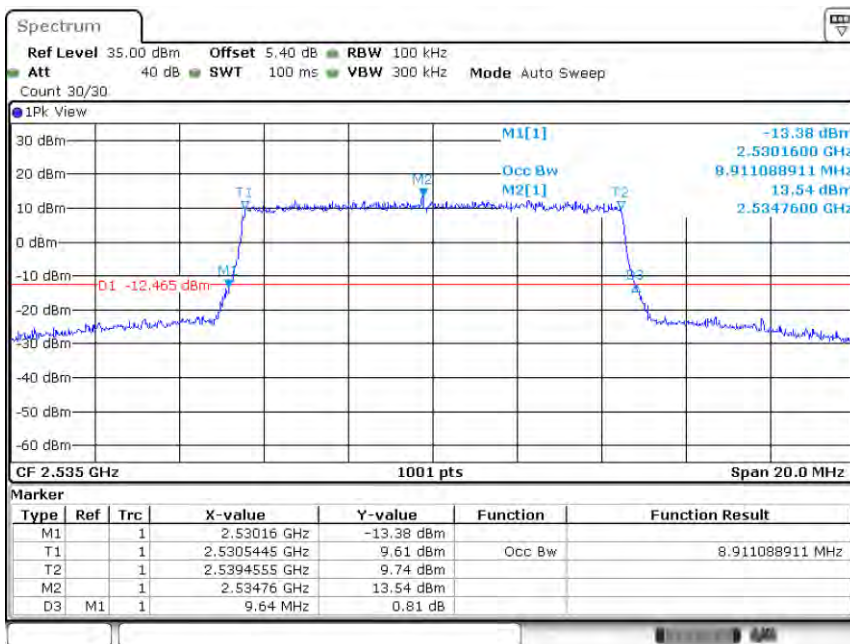
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Band7-10MHz-64QAM-20800-50RB#0-8.911



Date: 22.OCT.2020 11:11:48

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

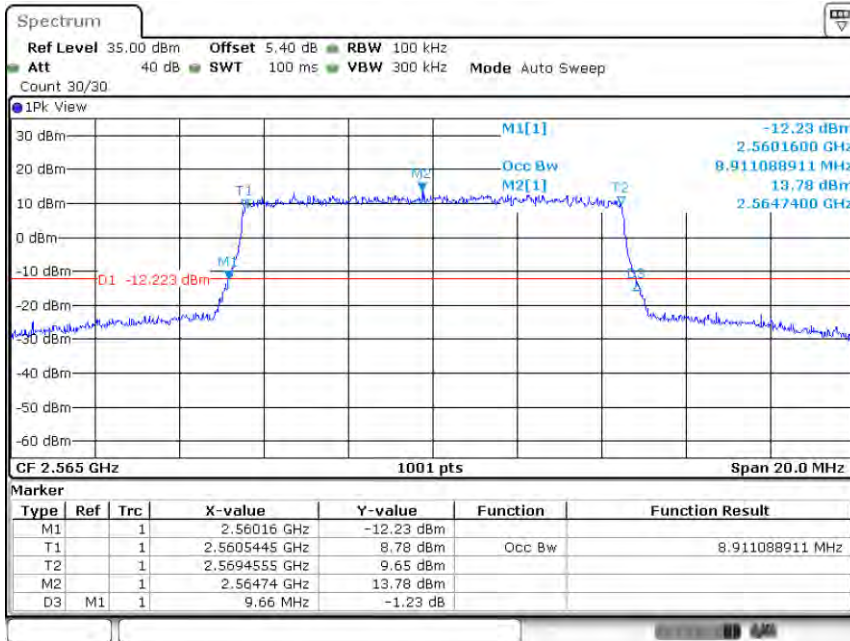


Date: 22.OCT.2020 11:12:04



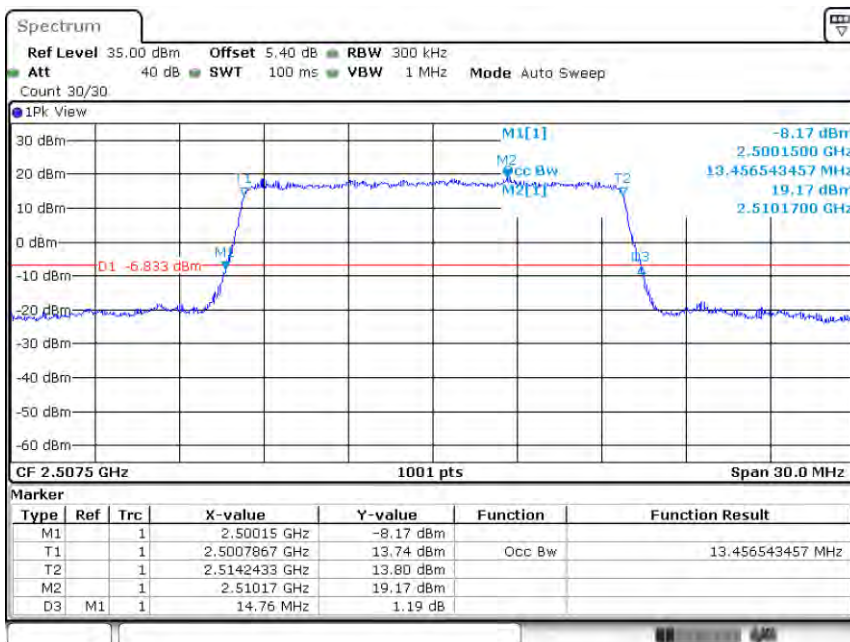
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Band7-10MHz-64QAM-21400-50RB#0-8.911



Date: 22.OCT.2020 11:12:20

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

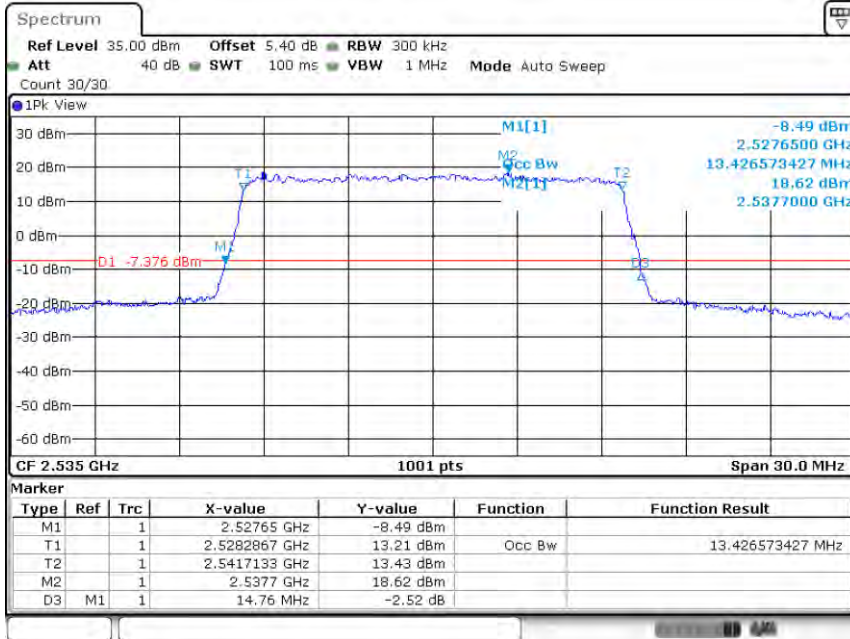


Date: 22.OCT.2020 00:02:06



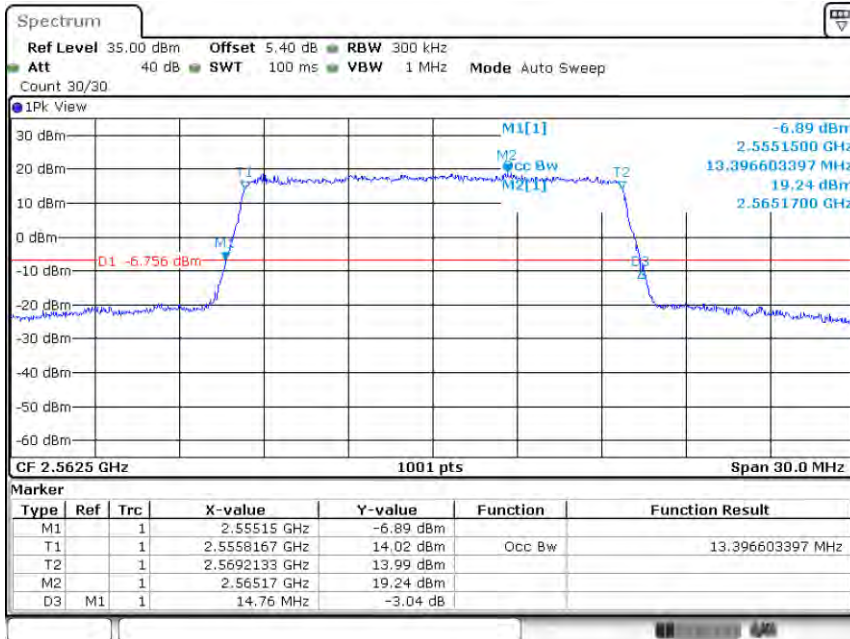
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Band7-15MHz-QPSK-21100-75RB#0-13.427



Date: 22.OCT.2020 00:02:38

Band7-15MHz-QPSK-21375-75RB#0-13.397

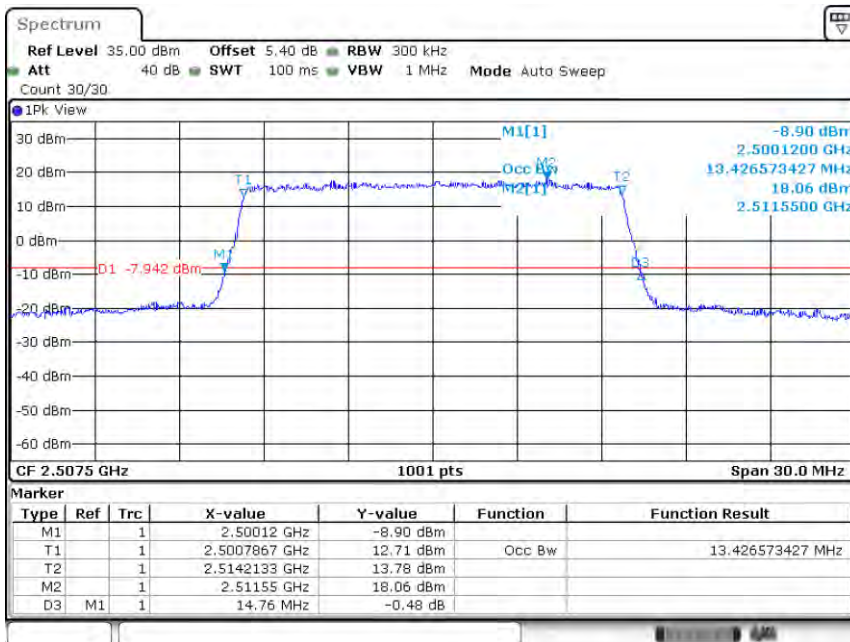


Date: 22.OCT.2020 00:03:10



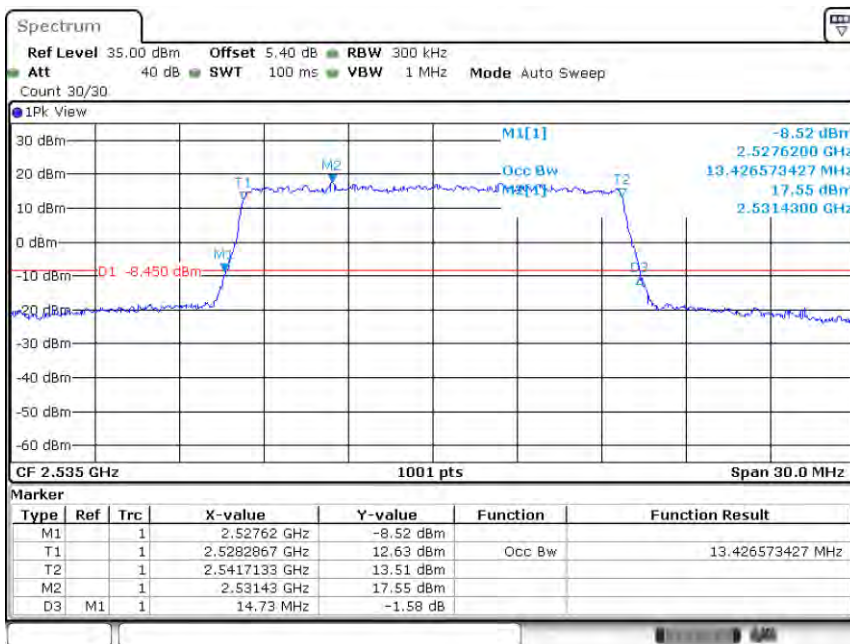
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Band7-15MHz-16QAM-20825-75RB#0-13.427



Date: 22.OCT.2020 00:02:22

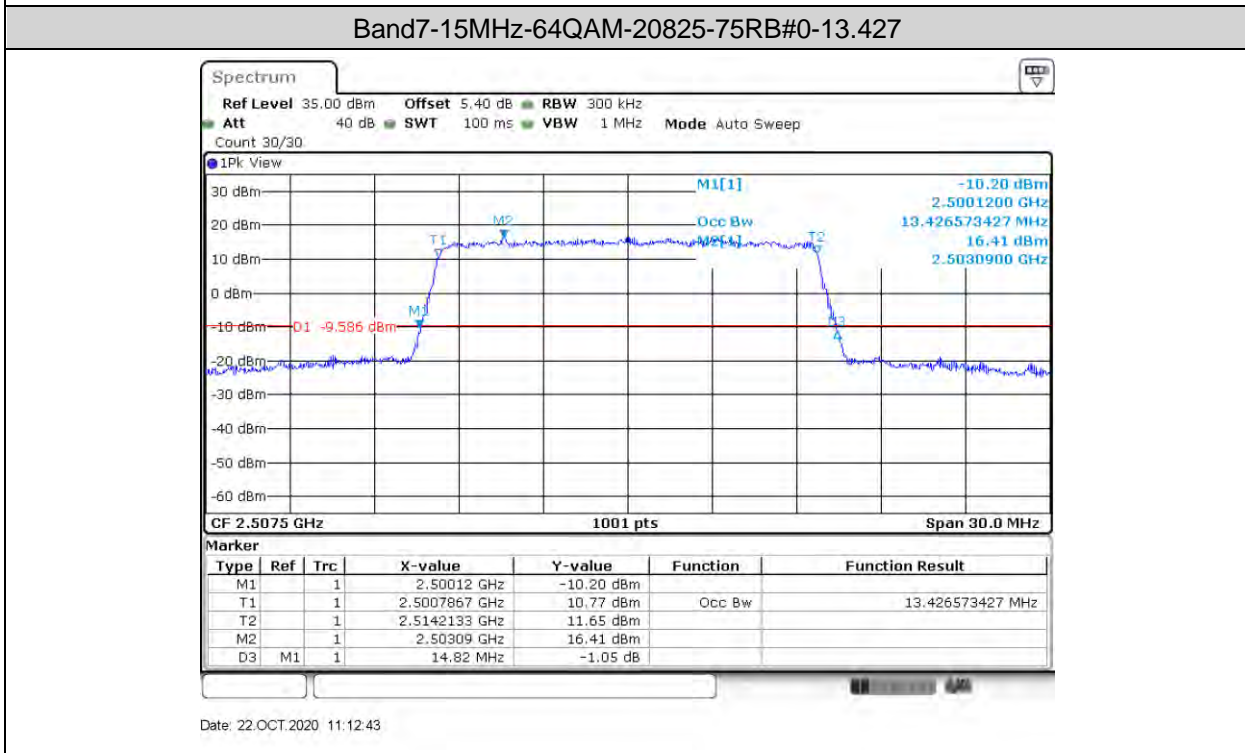
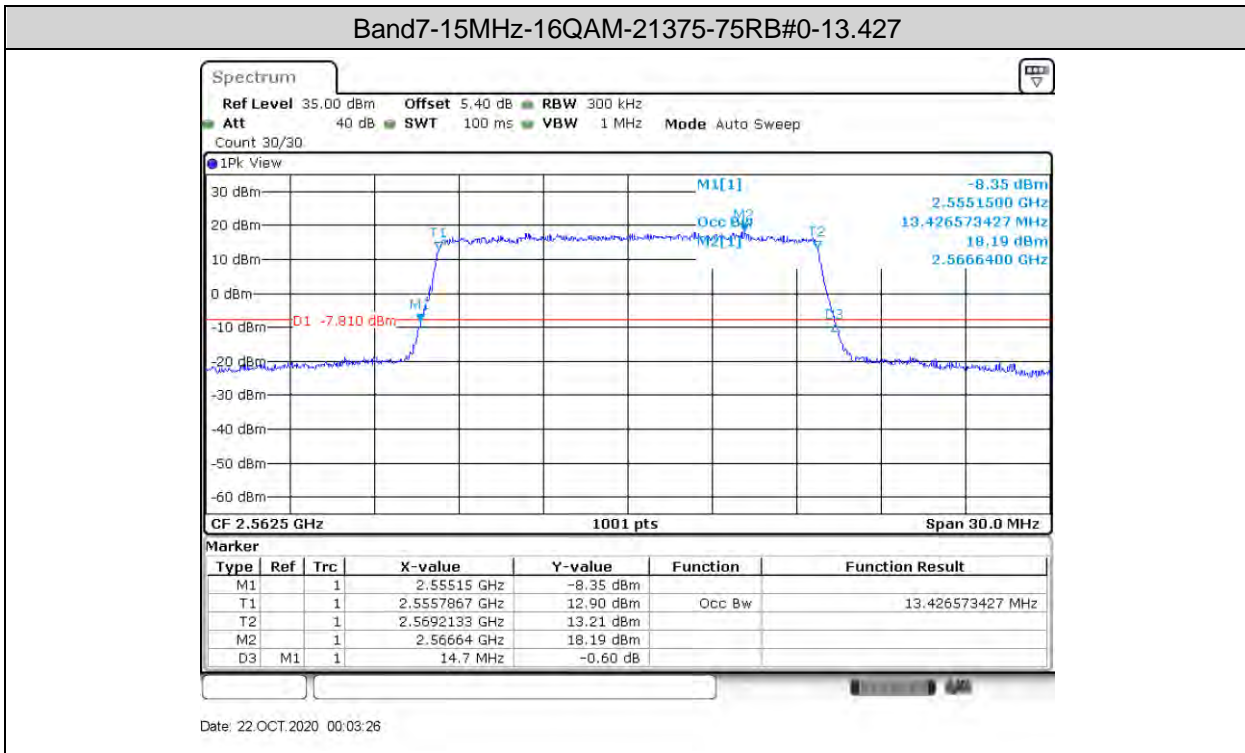
Band7-15MHz-16QAM-21100-75RB#0-13.427



Date: 22.OCT.2020 00:02:54



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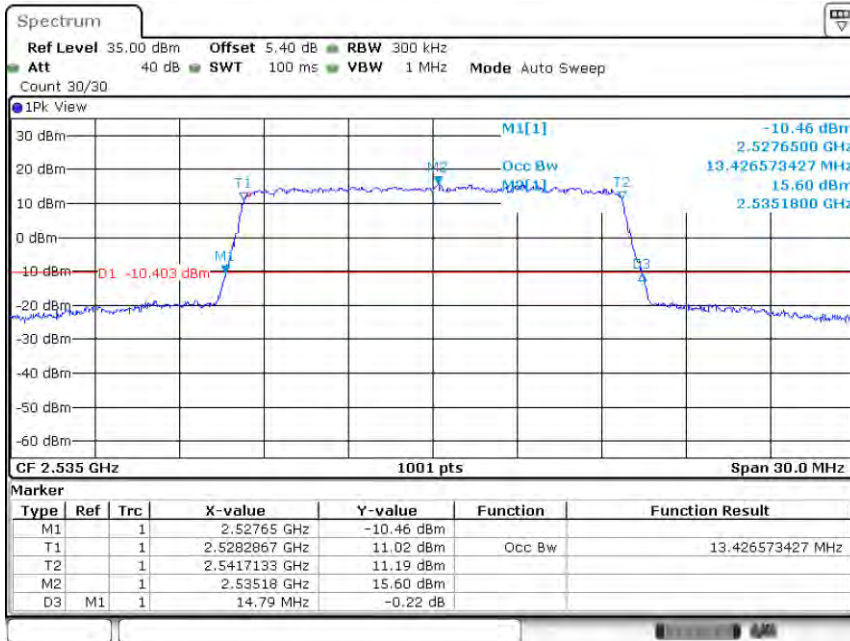


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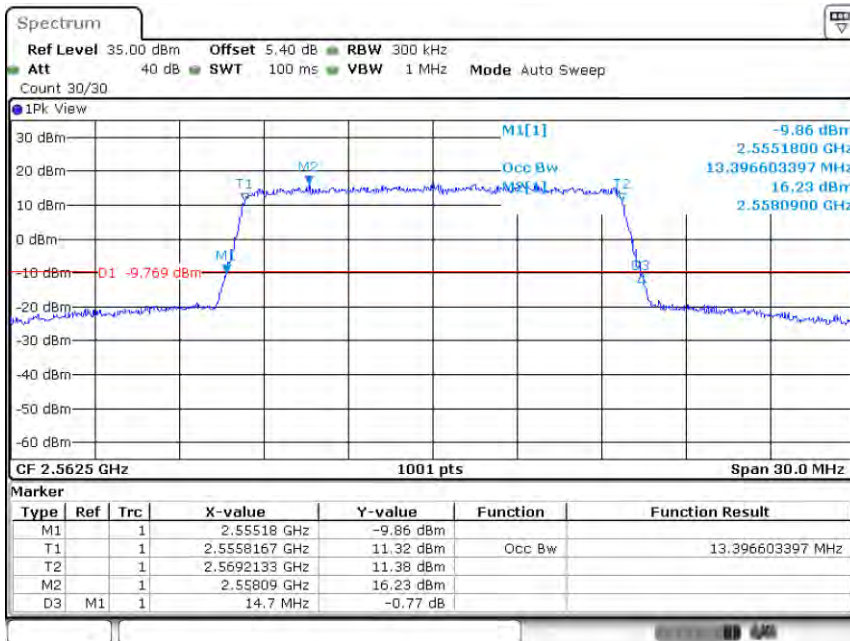
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Band7-15MHz-64QAM-21100-75RB#0-13.427



Date: 22.OCT.2020 11:12:59

Band7-15MHz-64QAM-21375-75RB#0-13.397



Date: 22.OCT.2020 11:13:15

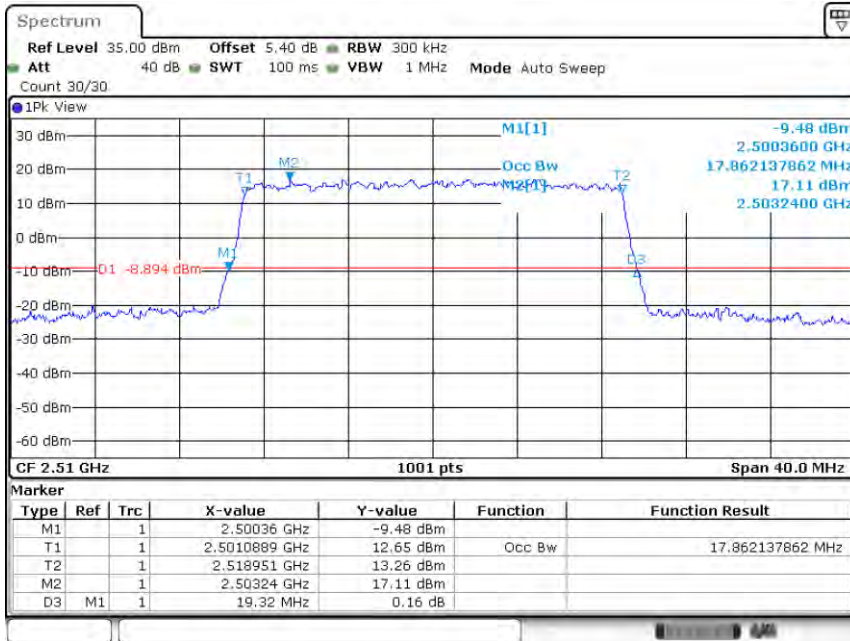


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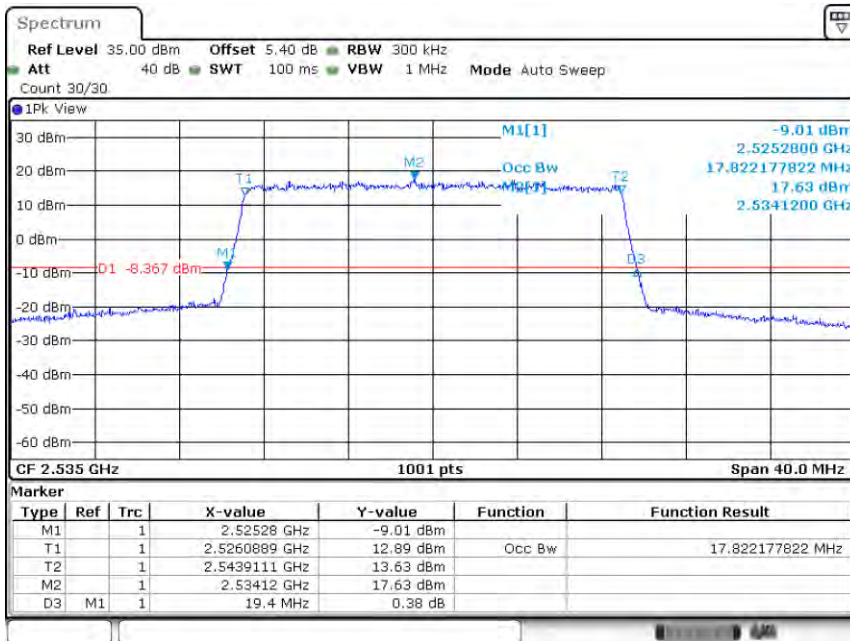
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Band7-20MHz-QPSK-20850-100RB#0-17.862



Date: 22.OCT.2020 00:03:48

Band7-20MHz-QPSK-21100-100RB#0-17.822

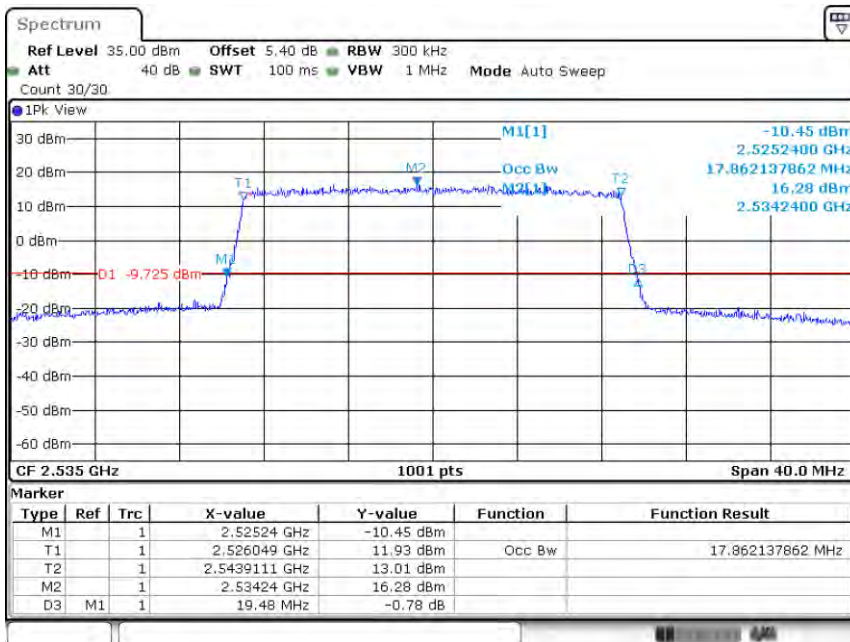


Date: 22.OCT.2020 00:04:20



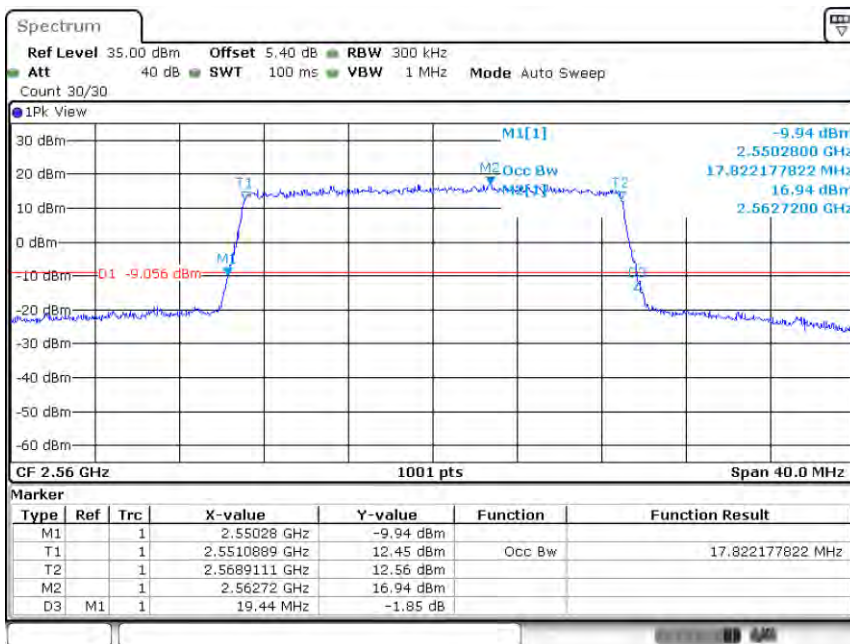
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Band7-20MHz-16QAM-21100-100RB#0-17.862



Date: 22.OCT.2020 00:04:36

Band7-20MHz-16QAM-21350-100RB#0-17.822

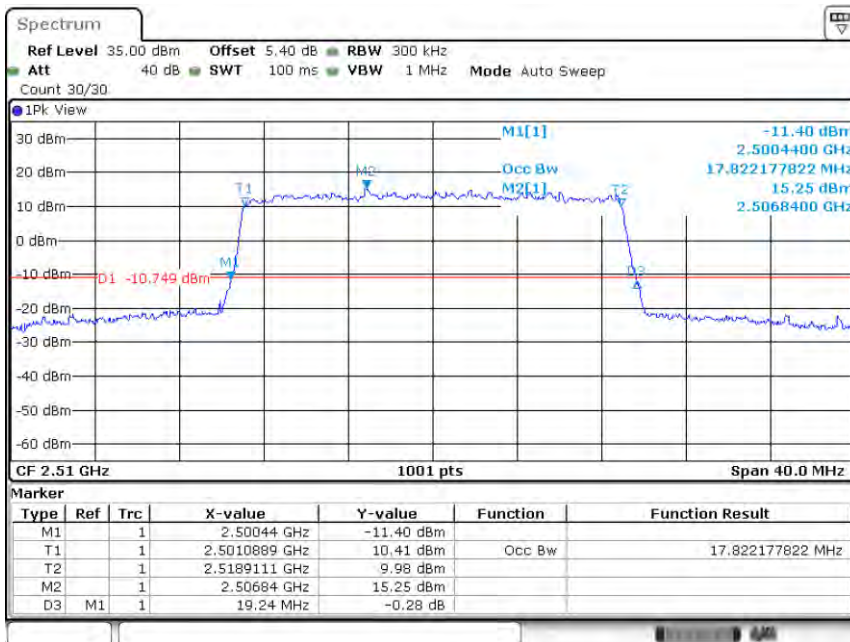


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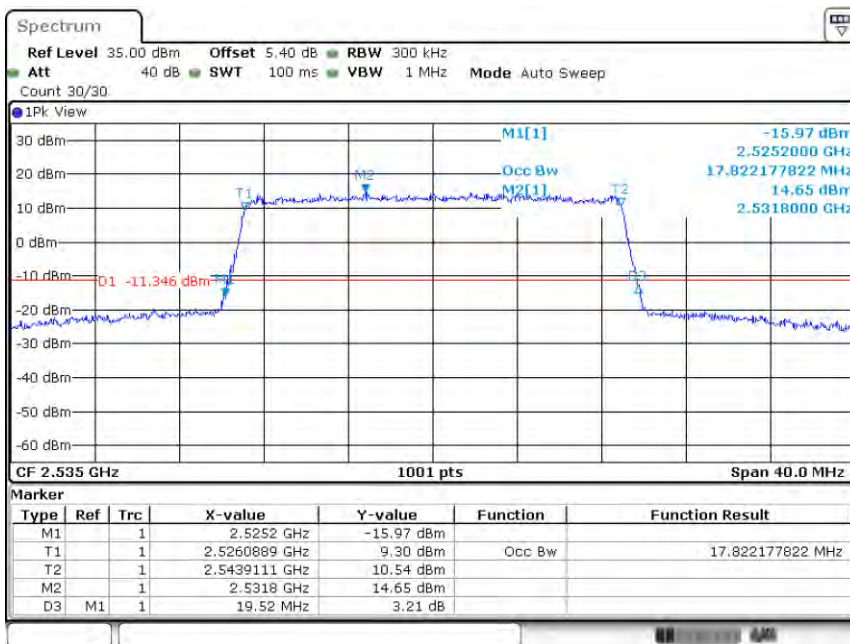
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Band7-20MHz-64QAM-20850-100RB#0-17.822



Date: 22.OCT.2020 11:13:38

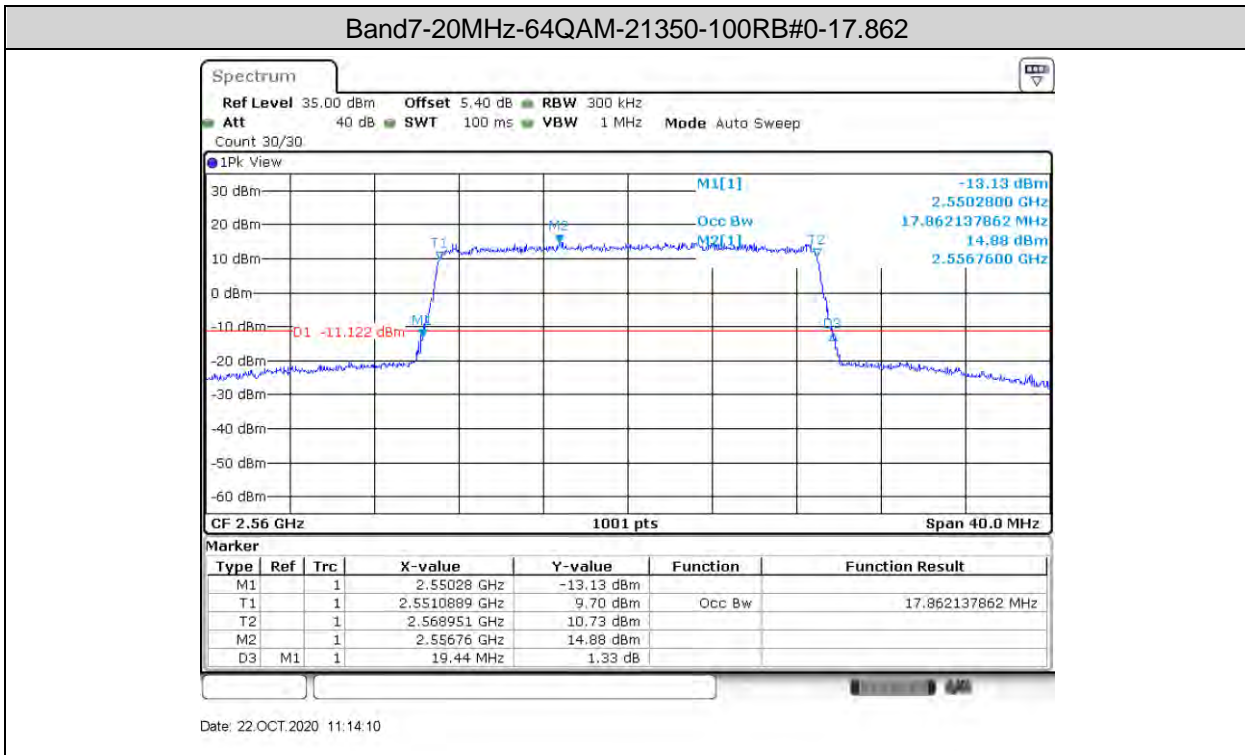
Band7-20MHz-64QAM-21100-100RB#0-17.822



Date: 22.OCT.2020 11:13:54



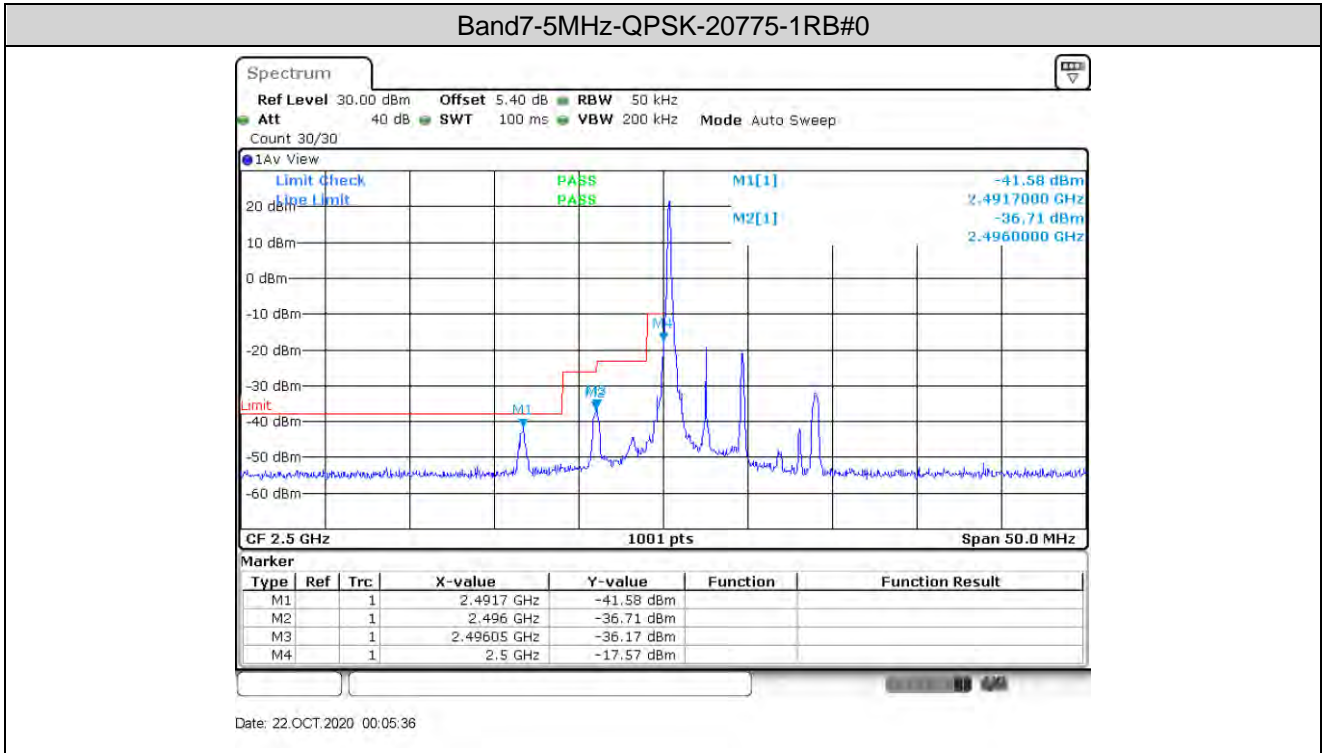
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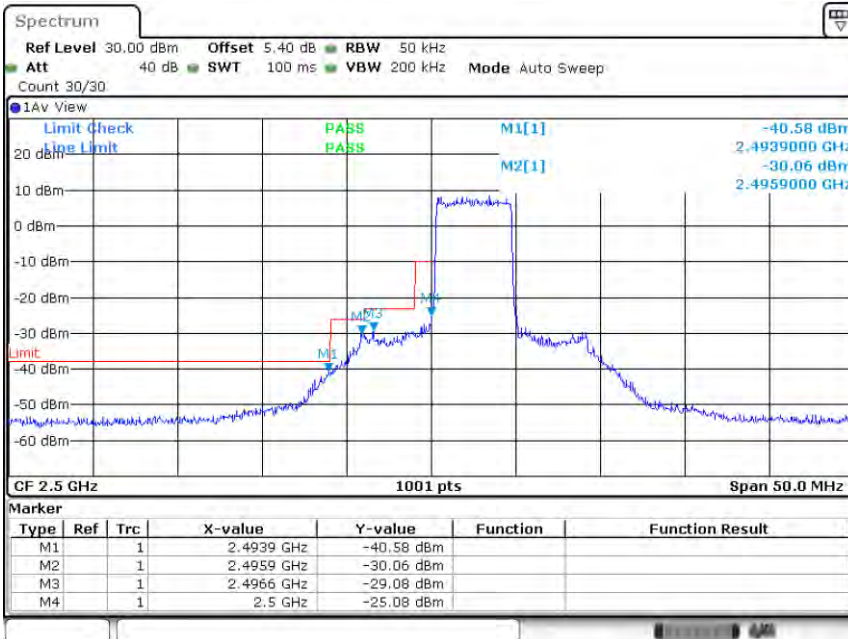
5 Band Edge Compliance

5.1 Test Plots



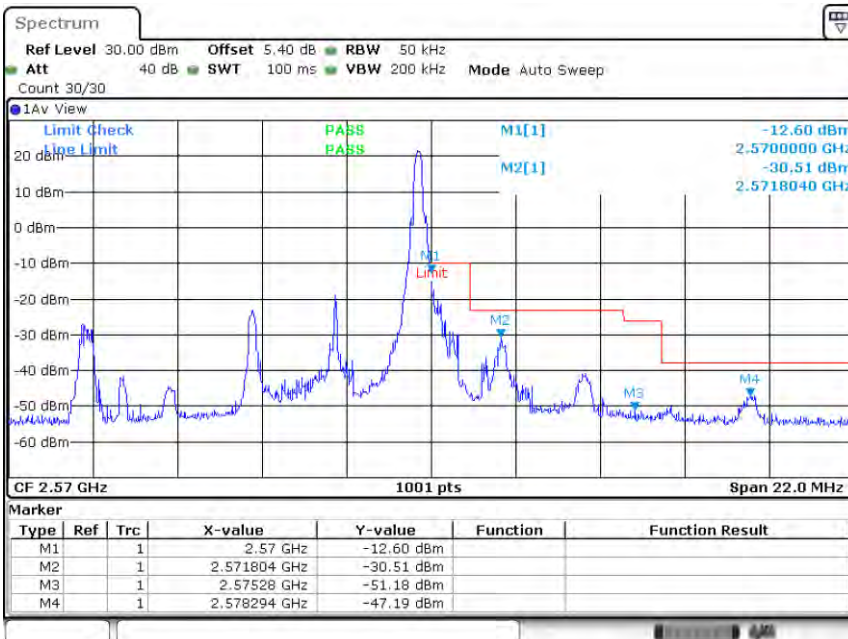
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Band7-5MHz-QPSK-20775-25RB#0



Date: 22.OCT.2020 00:06:13

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



Date: 22.OCT.2020 00:06:57

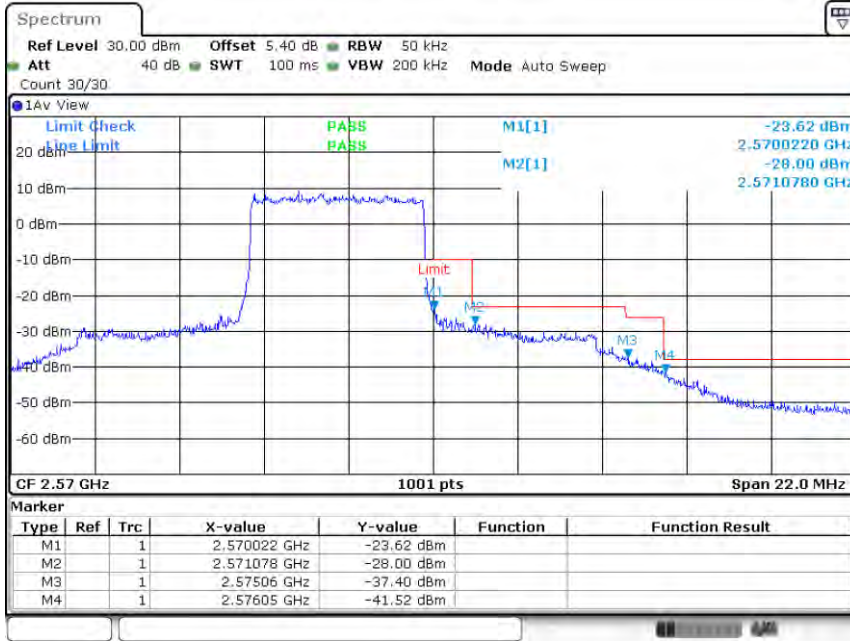


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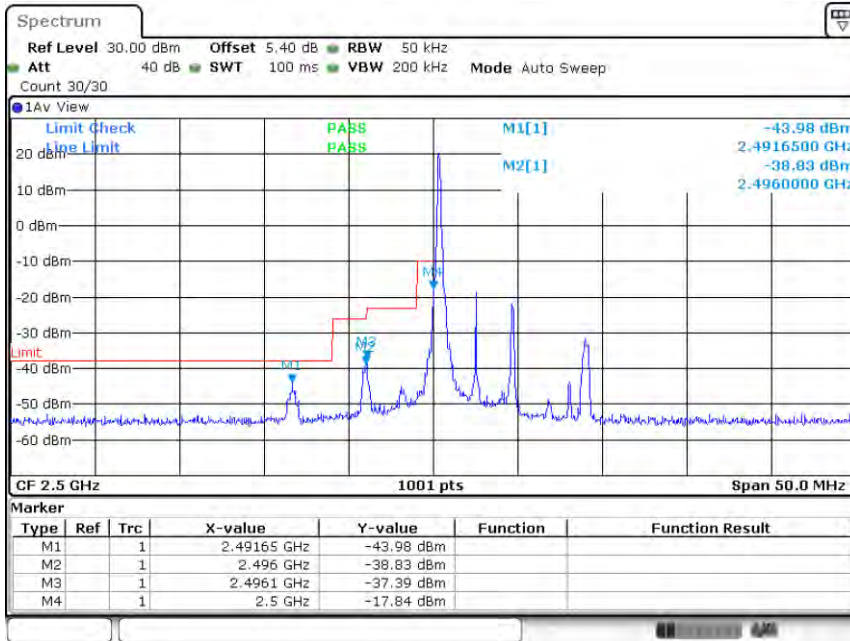
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Band7-5MHz-QPSK-21425-25RB#0



Date: 22.OCT.2020 00:07:34

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

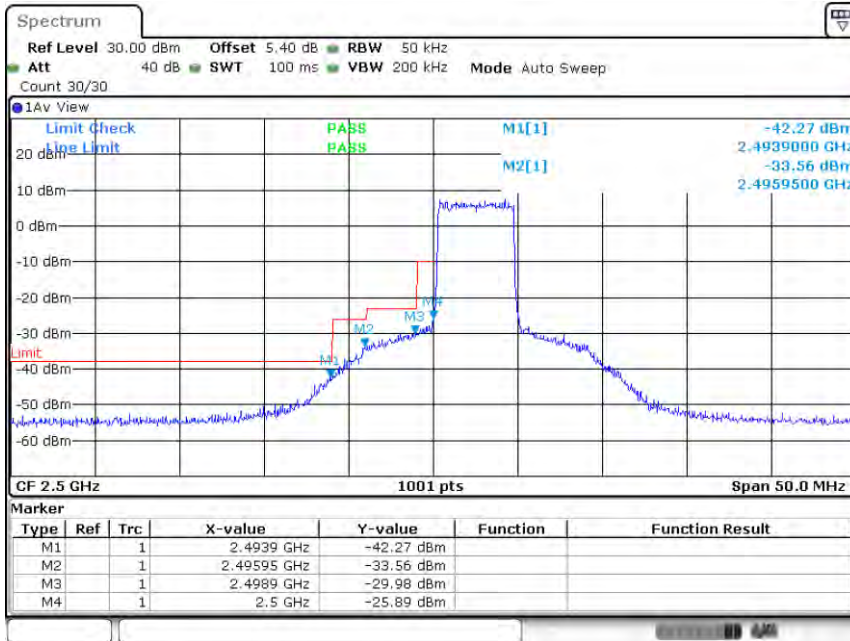


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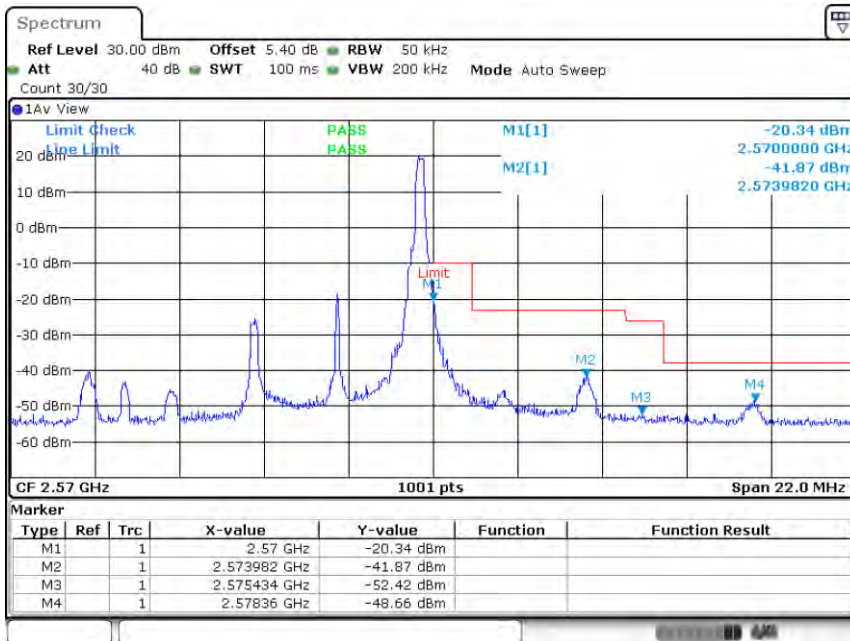
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Band7-5MHz-16QAM-20775-25RB#0



Date: 22.OCT.2020 00:06:31

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

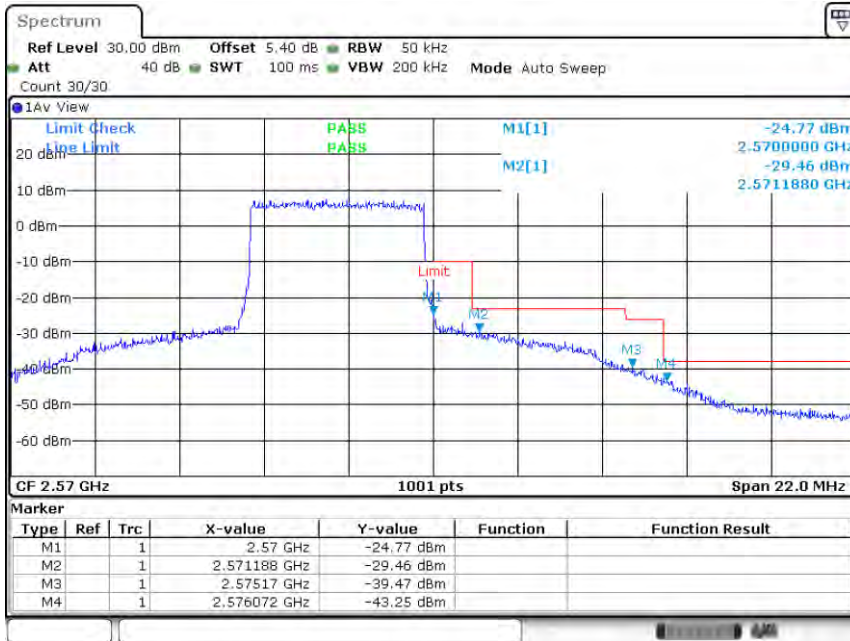


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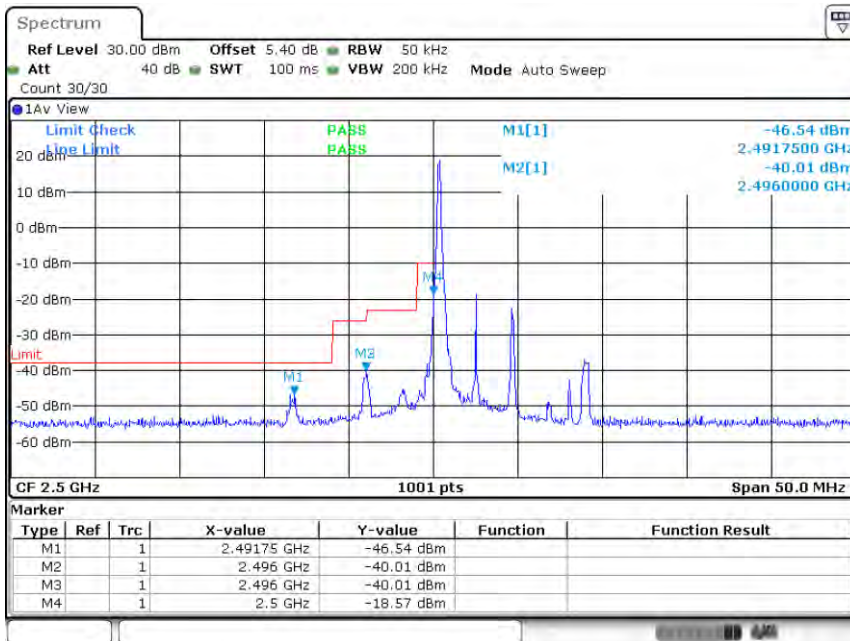
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Band7-5MHz-16QAM-21425-25RB#0



Date: 22.OCT.2020 00:07:53

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

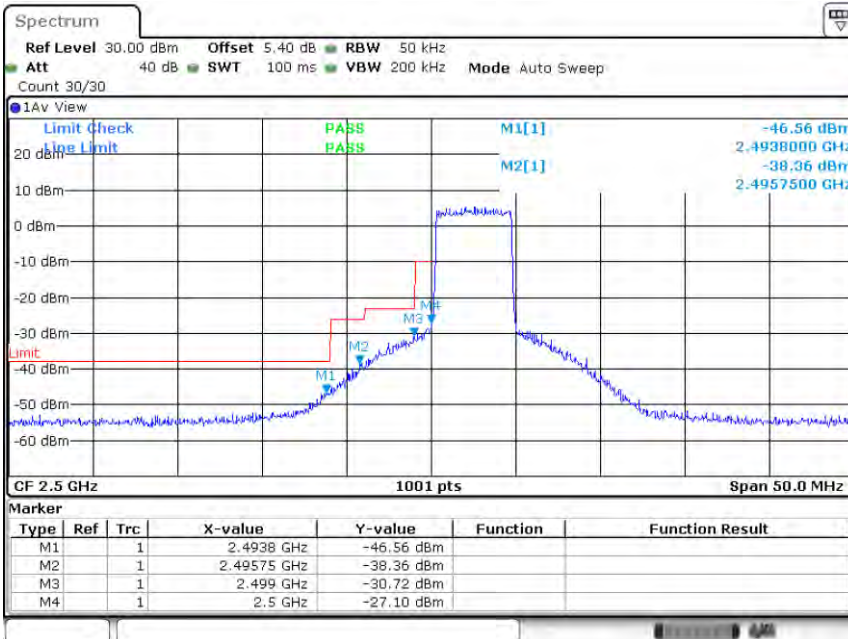


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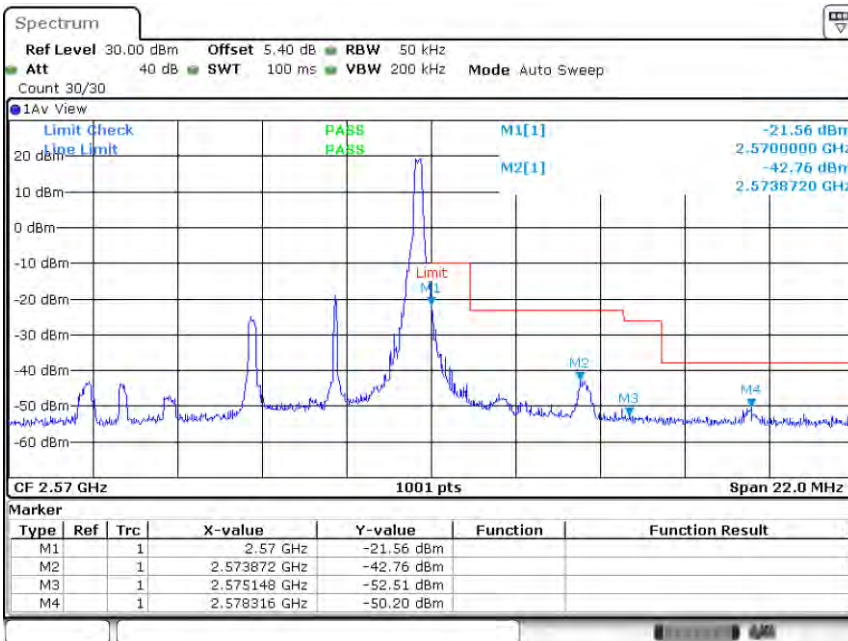
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Band7-5MHz-64QAM-20775-25RB#0



Date: 22.OCT.2020 11:14:57

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

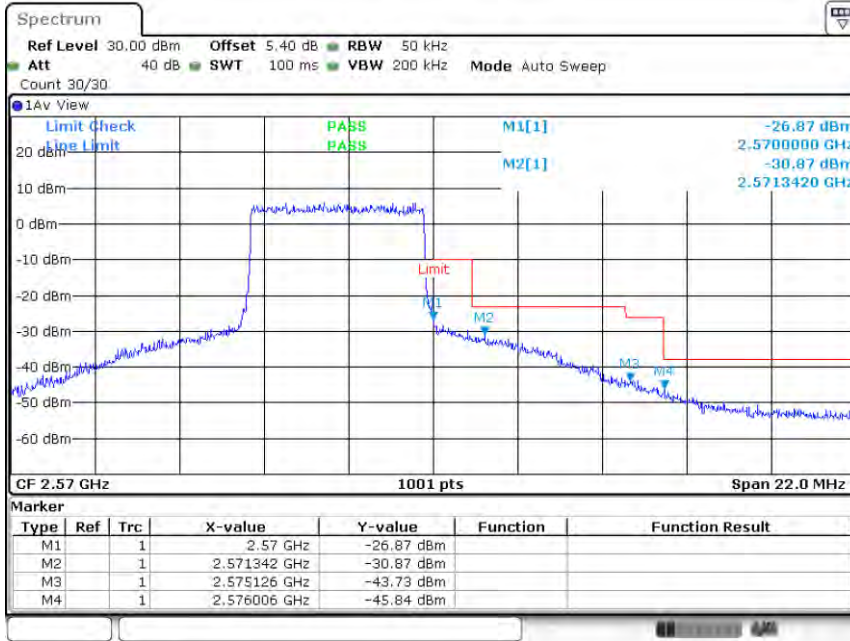


Date: 22.OCT.2020 11:15:24



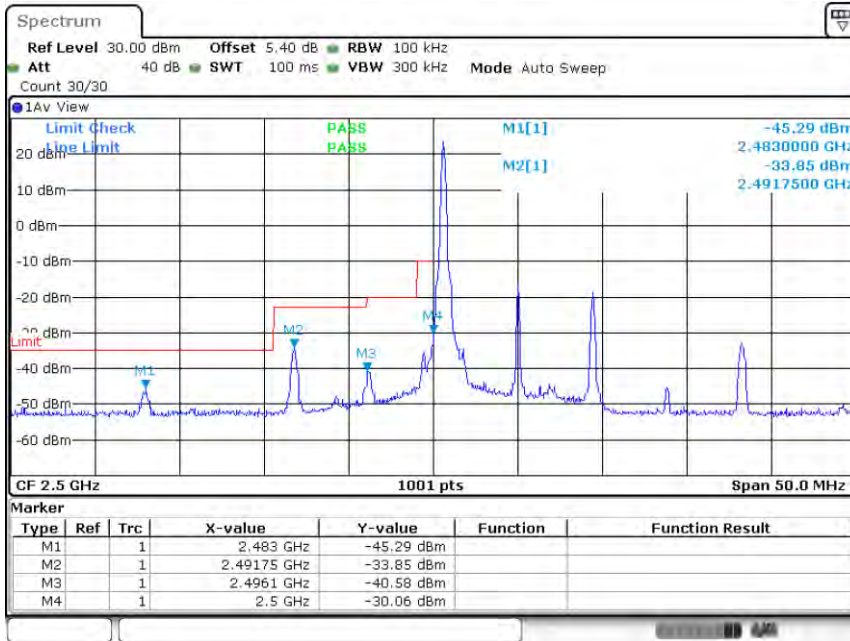
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Band7-5MHz-64QAM-21425-25RB#0



Date: 22.OCT.2020 11:15:42

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

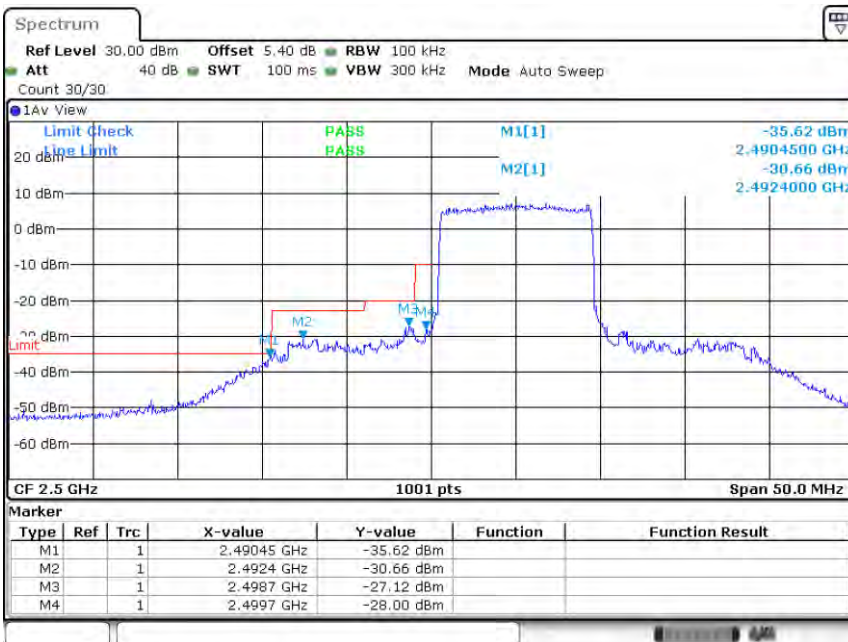


Date: 22.OCT.2020 00:08:21



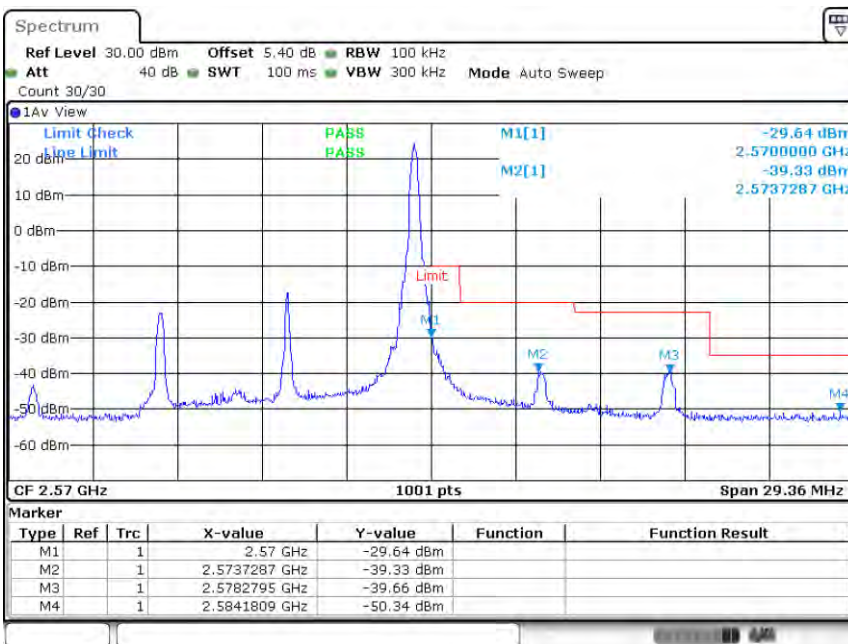
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Band7-10MHz-QPSK-20800-50RB#0



Date: 22.OCT.2020 00:08:58

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

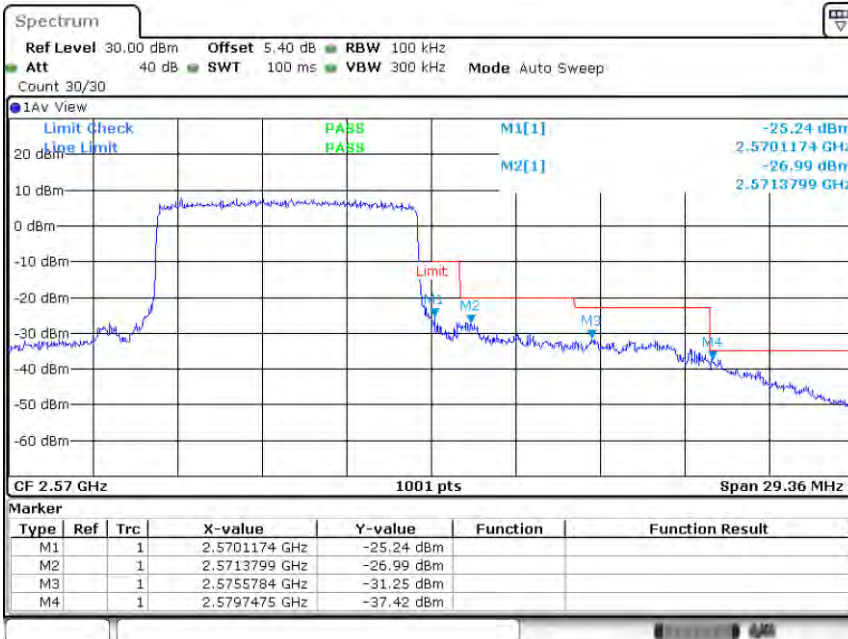


Date: 22.OCT.2020 00:09:42



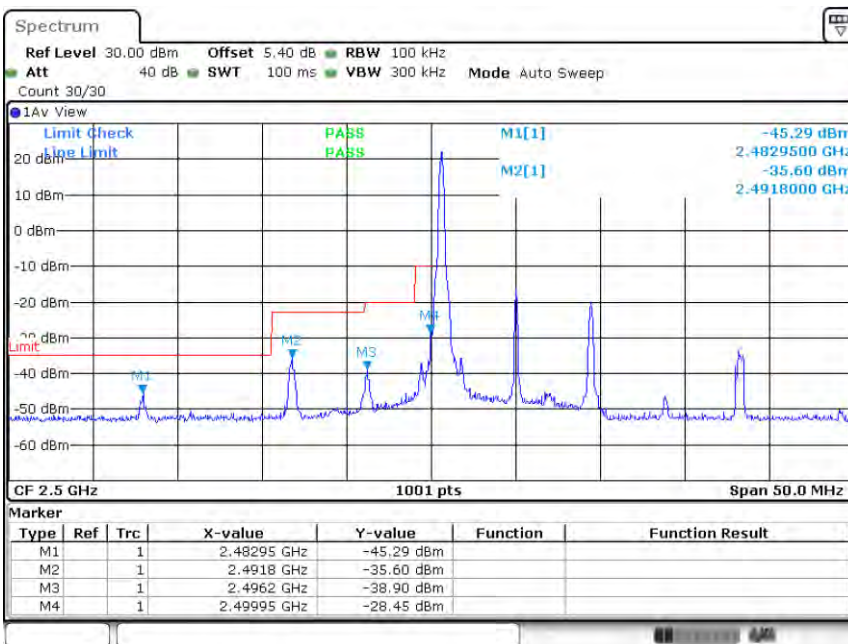
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Band7-10MHz-QPSK-21400-50RB#0



Date: 22.OCT.2020 00:10:19

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

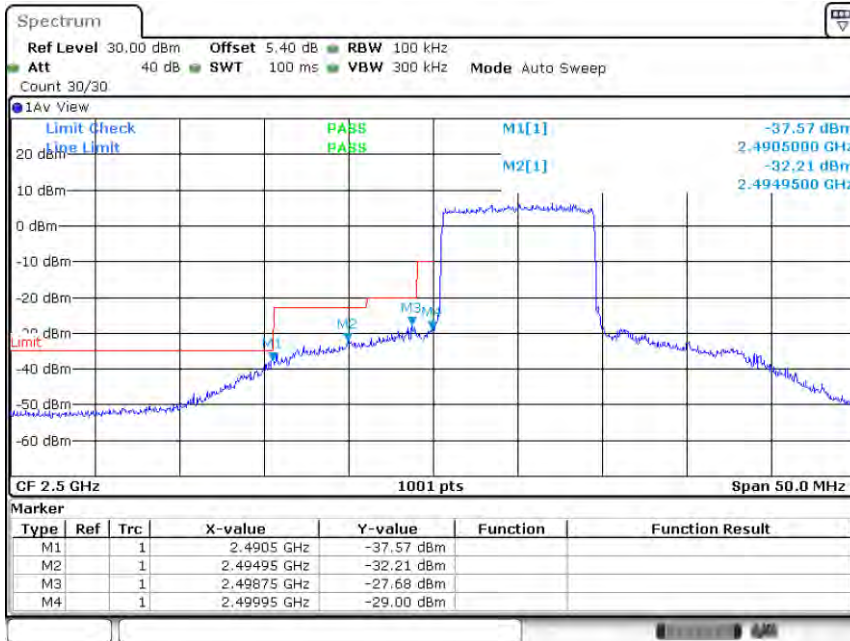


Date: 22.OCT.2020 00:08:39



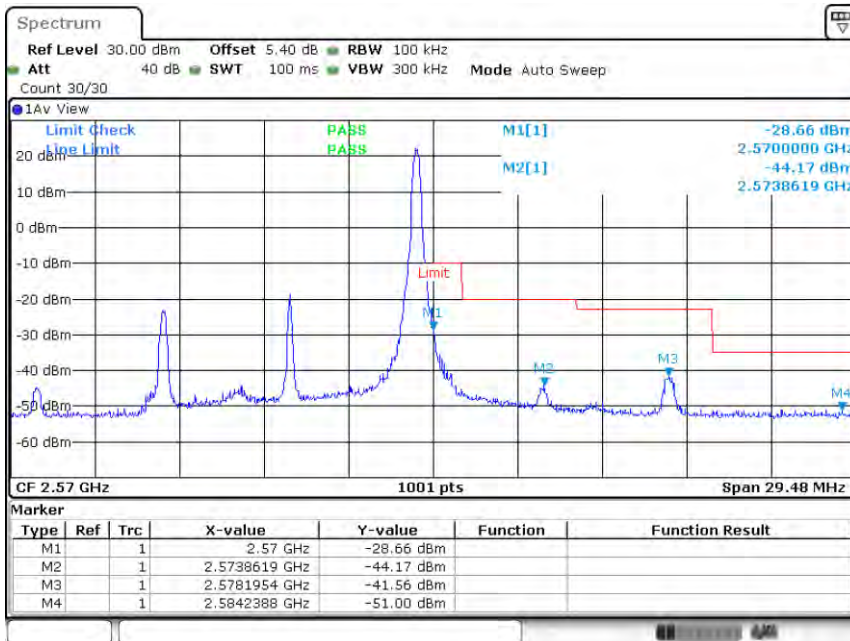
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Band7-10MHz-16QAM-20800-50RB#0



Date: 22.OCT.2020 00:09:16

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

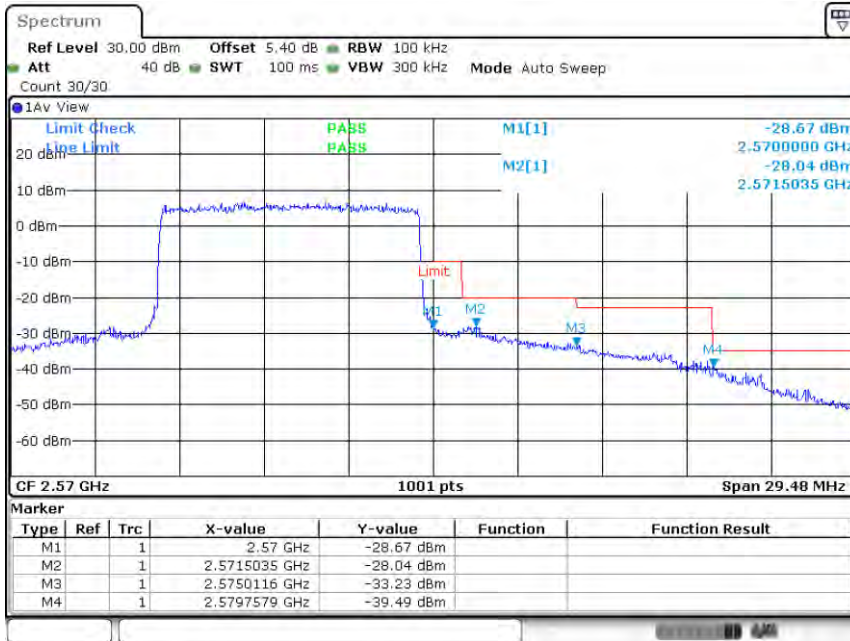


Date: 22.OCT.2020 00:10:01



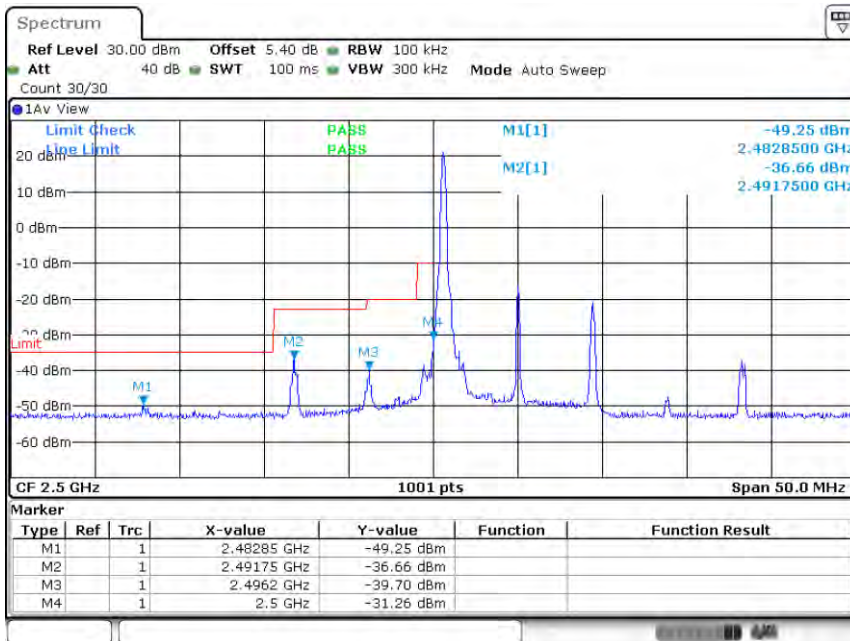
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Band7-10MHz-16QAM-21400-50RB#0



Date: 22.OCT.2020 00:10:38

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



Date: 22.OCT.2020 11:16:11

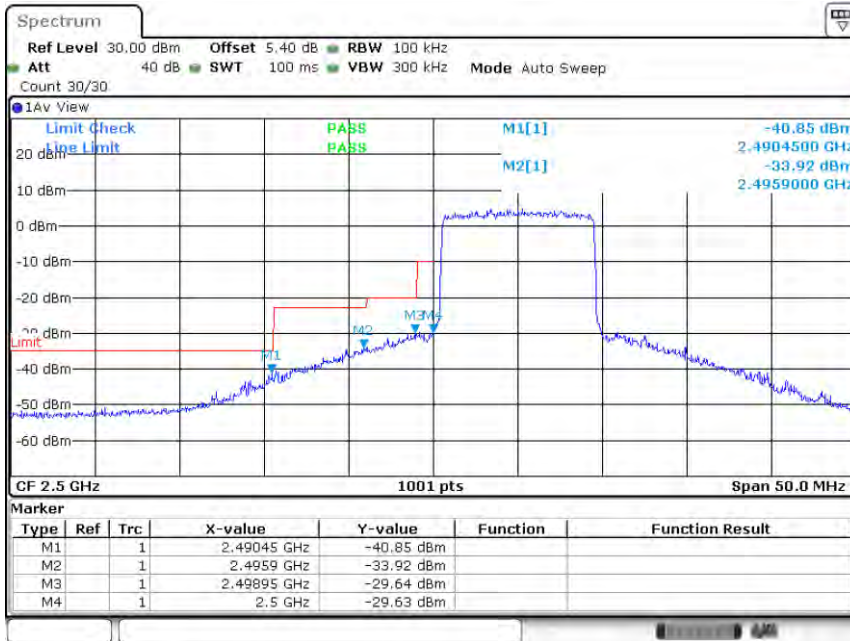


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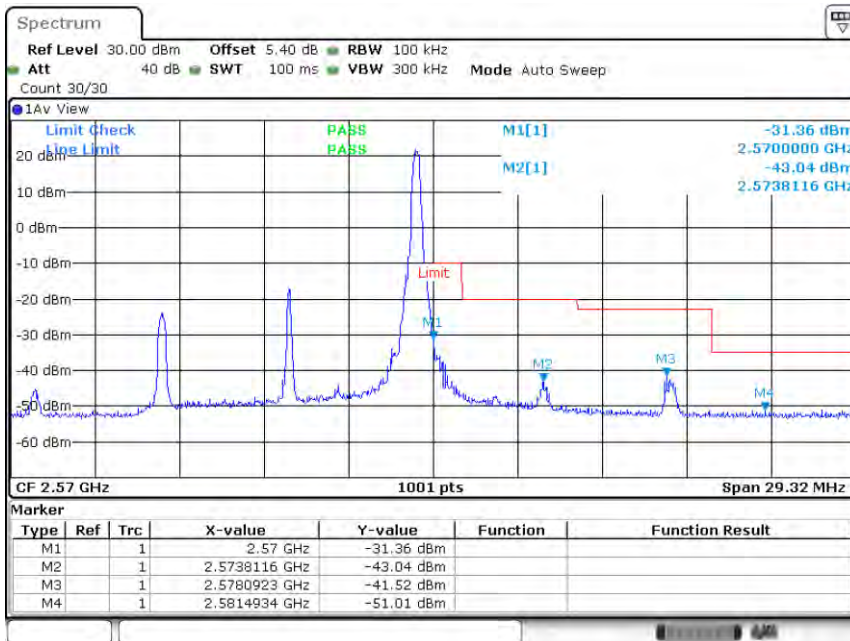
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Band7-10MHz-64QAM-20800-50RB#0



Date: 22.OCT.2020 11:16:29

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



Date: 22.OCT.2020 11:16:56

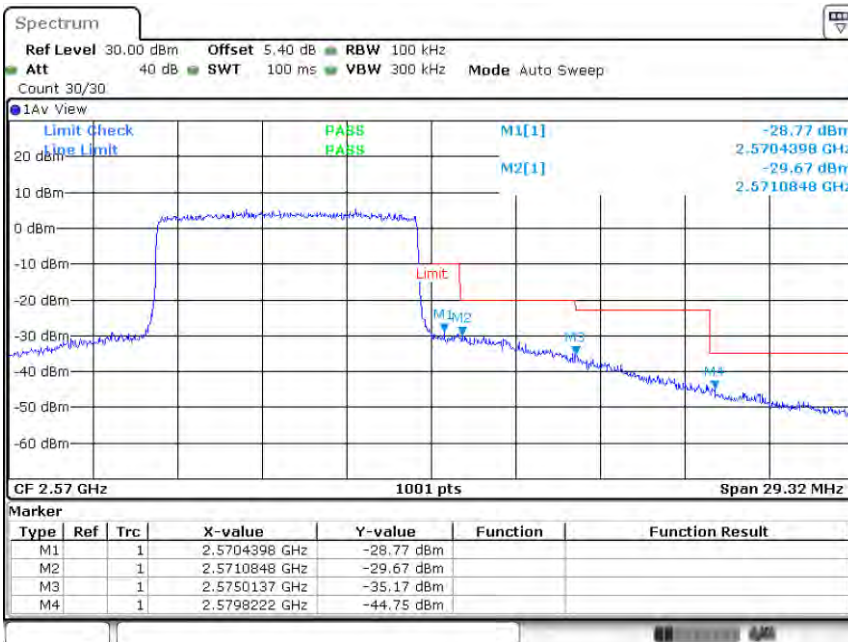


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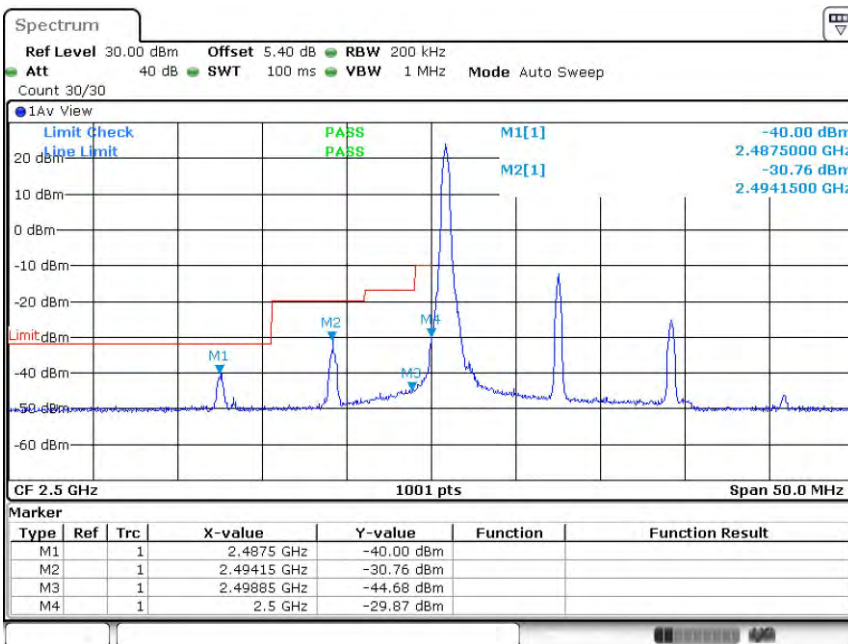
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Band7-10MHz-64QAM-21400-50RB#0



Date: 22.OCT.2020 11:17:15

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

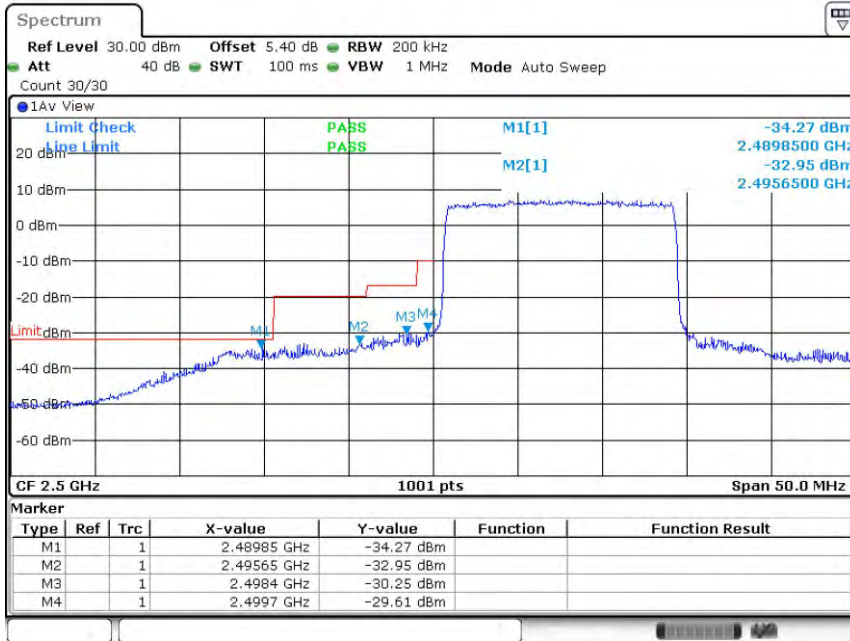


Date: 5.NOV.2020 11:29:11



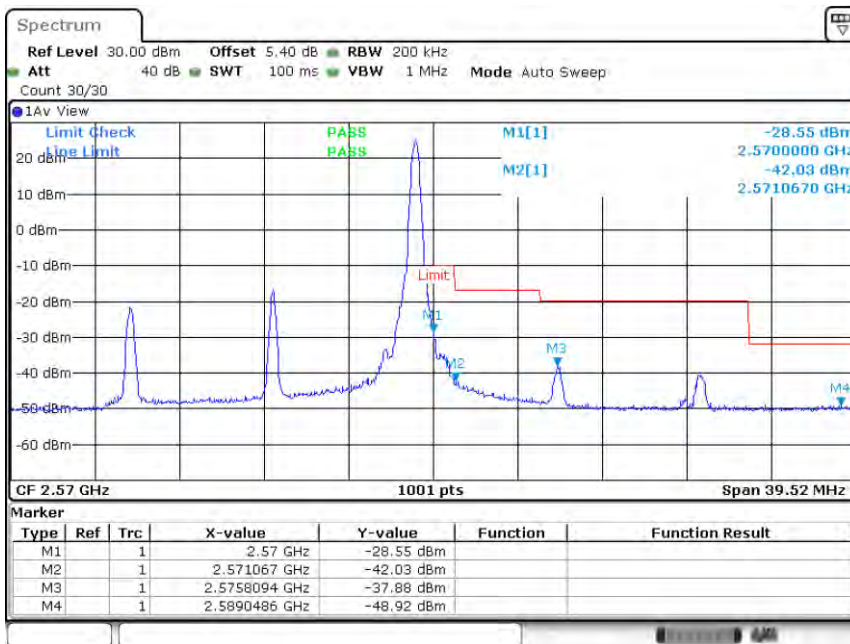
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Band7-15MHz-QPSK-20825-75RB#0



Date: 5.NOV.2020 11:29:47

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

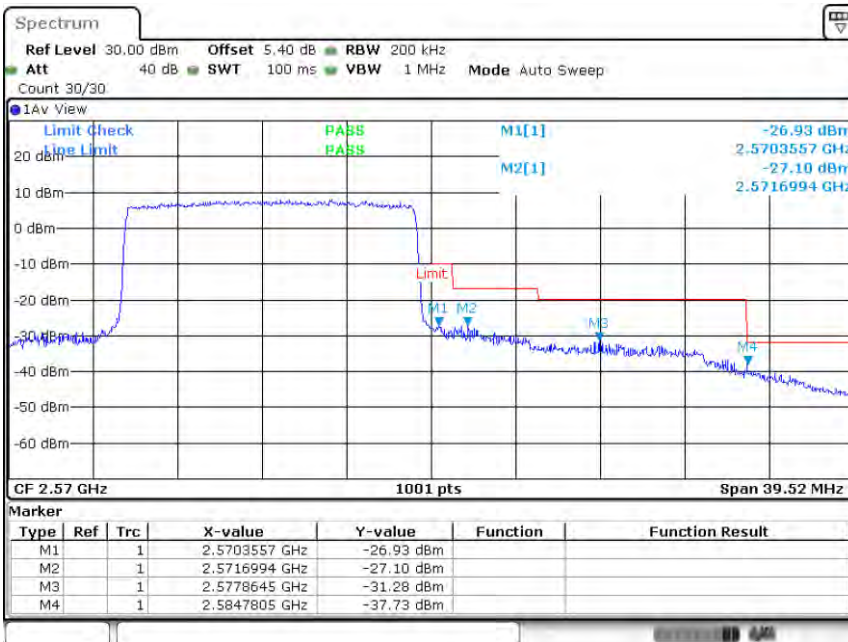


Date: 22.OCT.2020 00:12:27



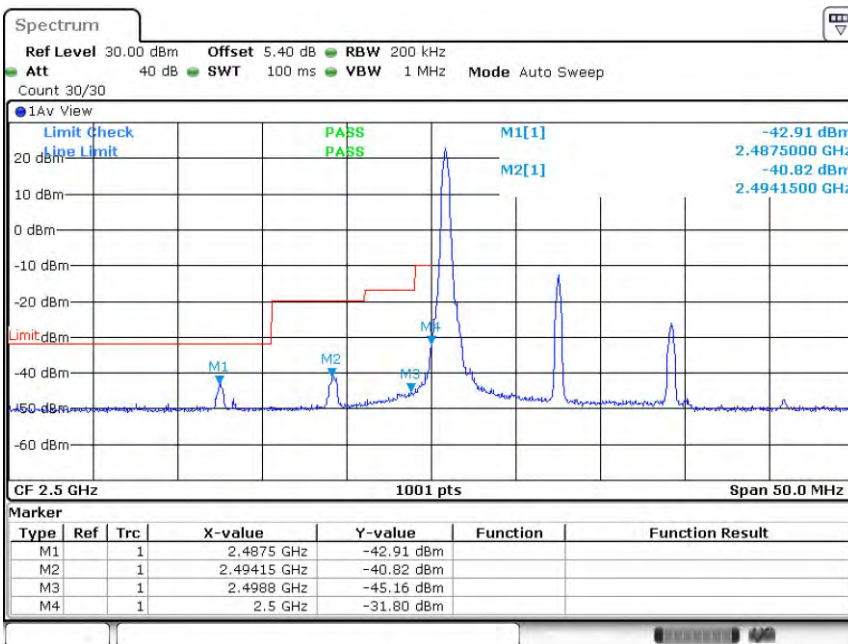
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Band7-15MHz-QPSK-21375-75RB#0



Date: 22.OCT.2020 00:13:05

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



Date: 5.NOV.2020 11:29:29

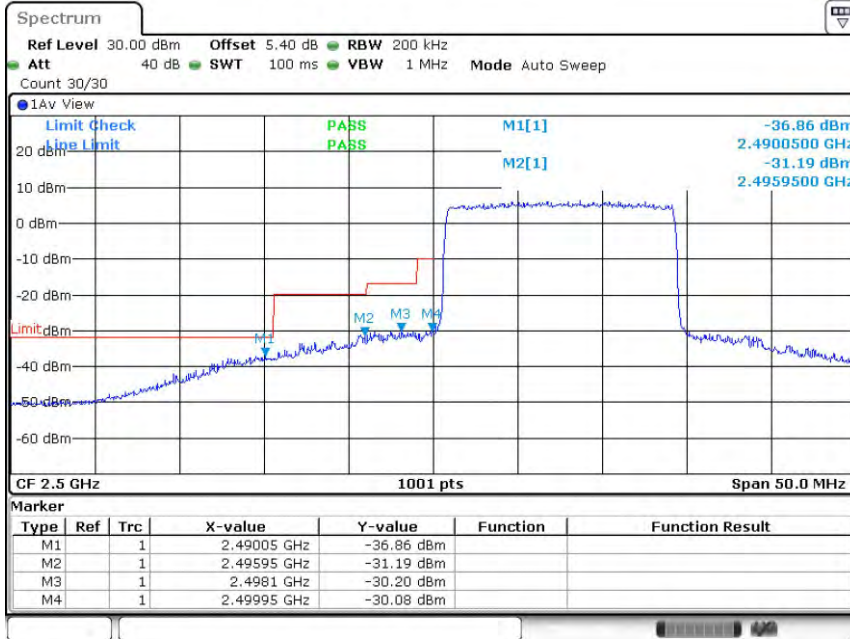


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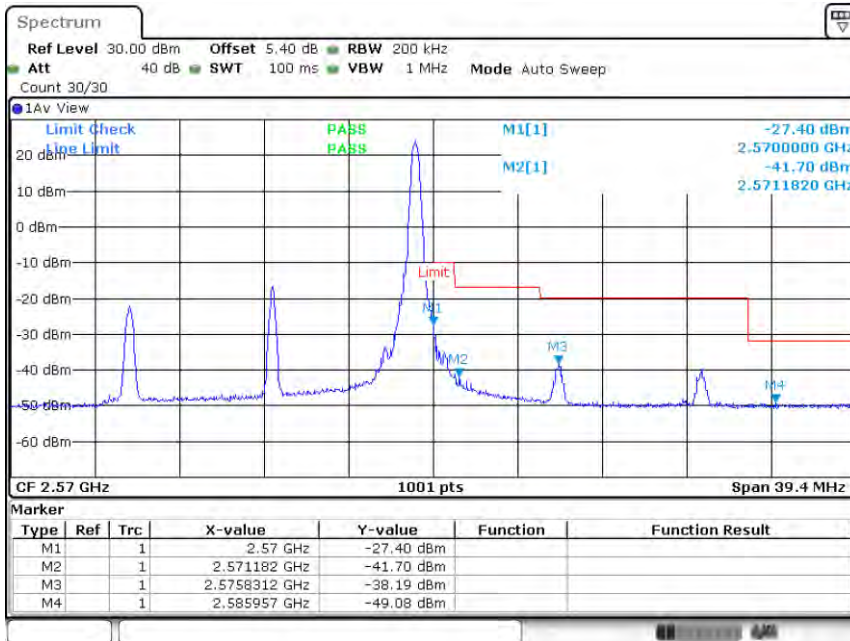
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Band7-15MHz-16QAM-20825-75RB#0



Date: 5.NOV.2020 11:30:05

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

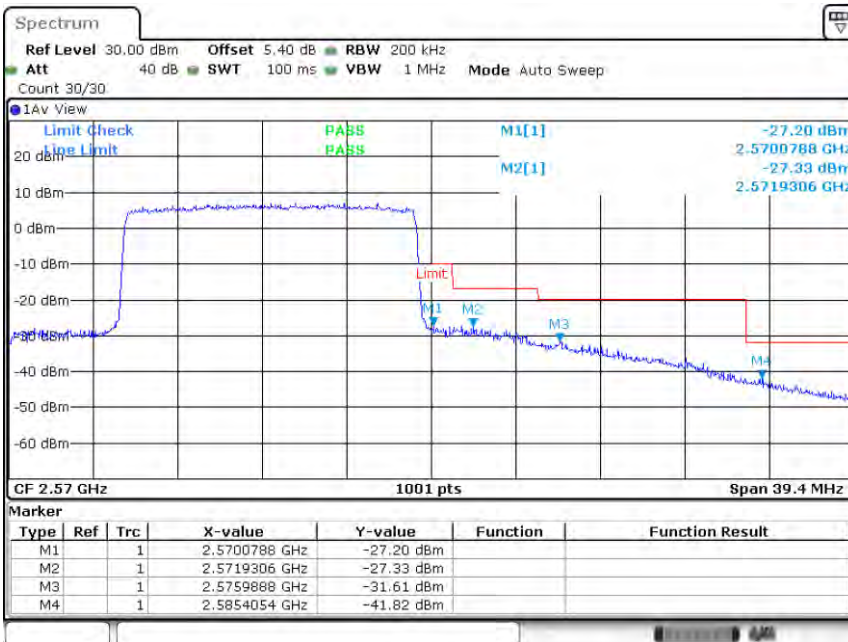


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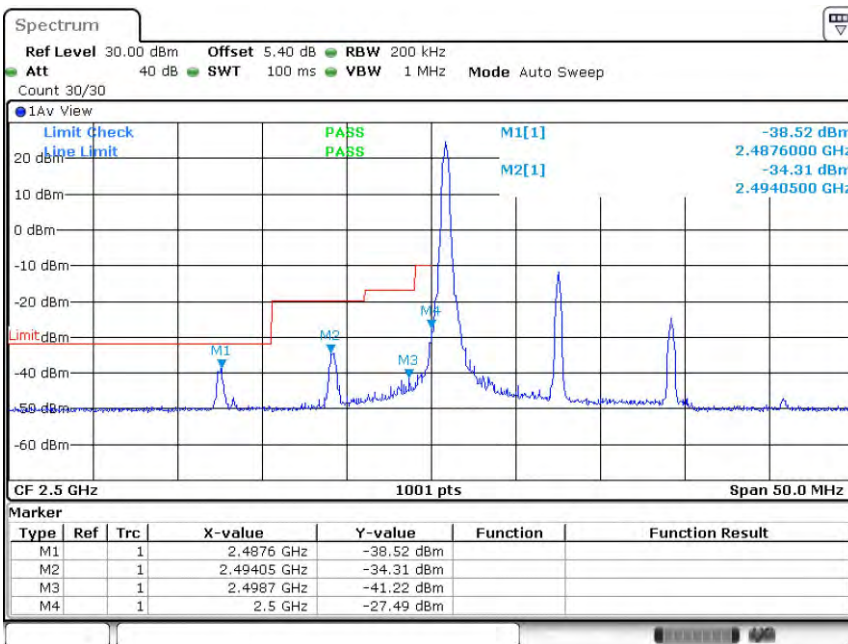
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Band7-15MHz-16QAM-21375-75RB#0



Date: 22.OCT.2020 00:13:23

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

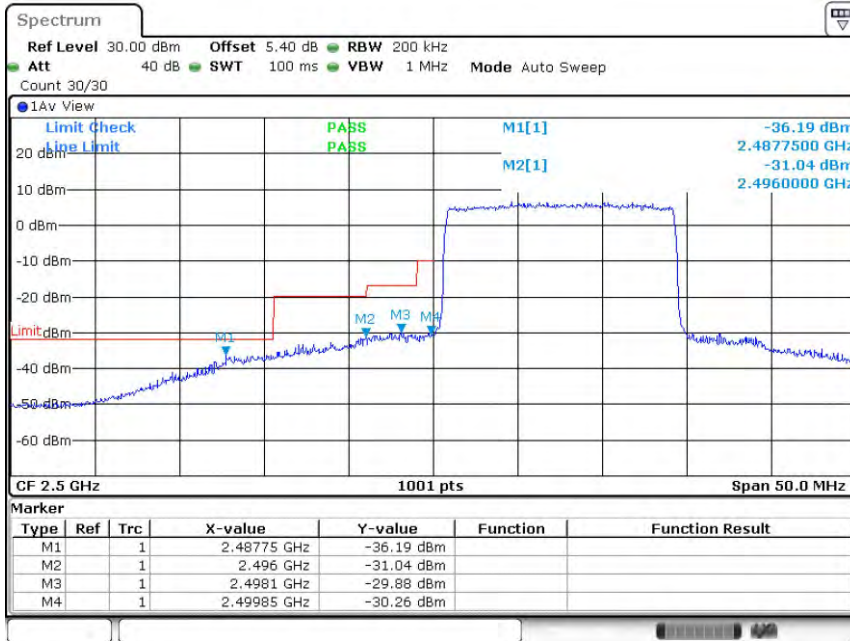


Date: 5.NOV.2020 11:32:30



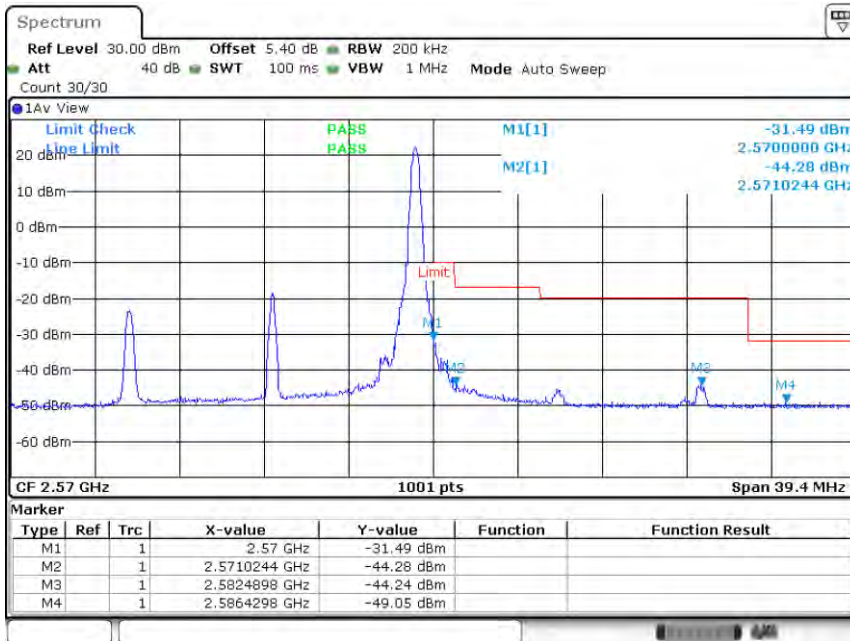
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Band7-15MHz-64QAM-20825-75RB#0



Date: 5.NOV.2020 11:32:47

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

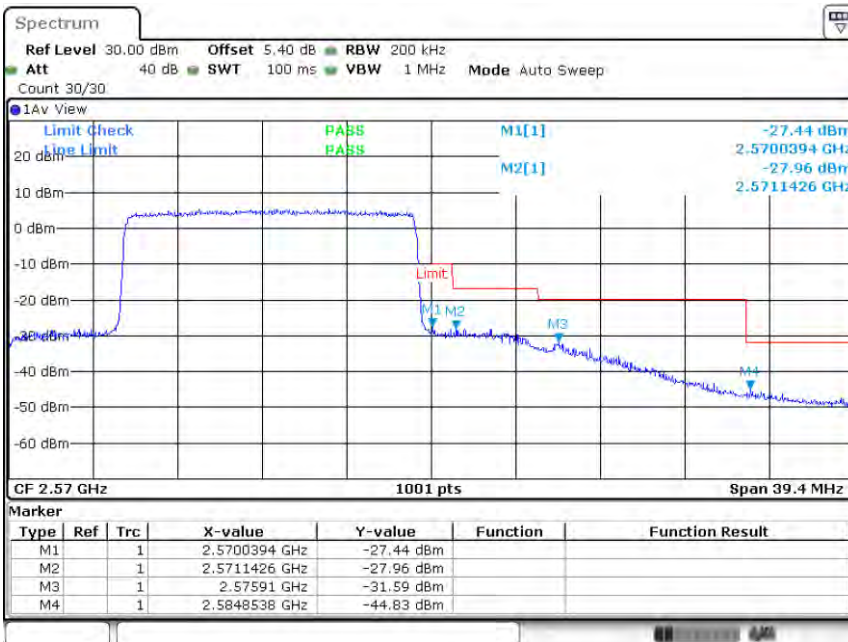


Date: 22.OCT.2020 11:18:29



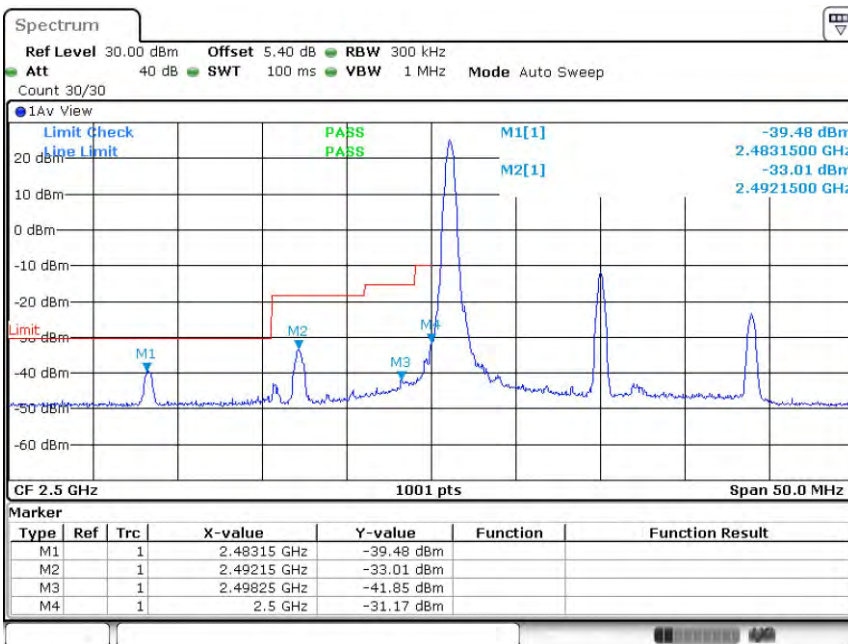
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Band7-15MHz-64QAM-21375-75RB#0



Date: 22.OCT.2020 11:18:47

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

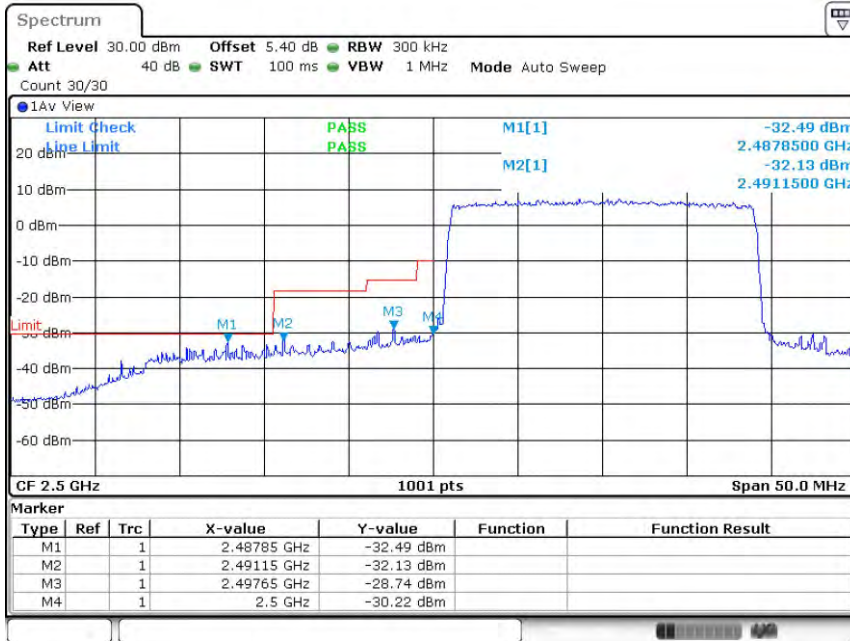


Date: 5.NOV.2020 11:30:31



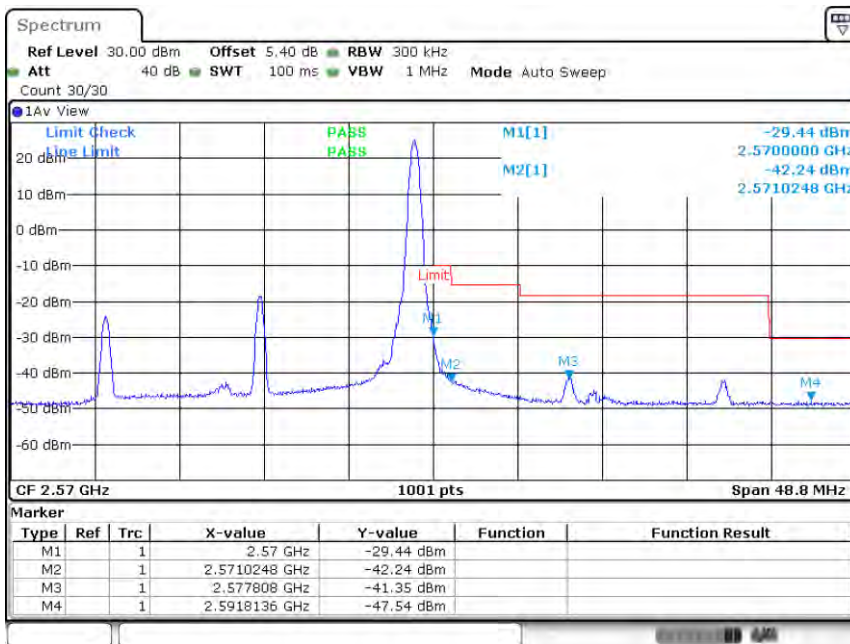
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Band7-20MHz-QPSK-20850-100RB#0



Date: 5.NOV.2020 11:31:06

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

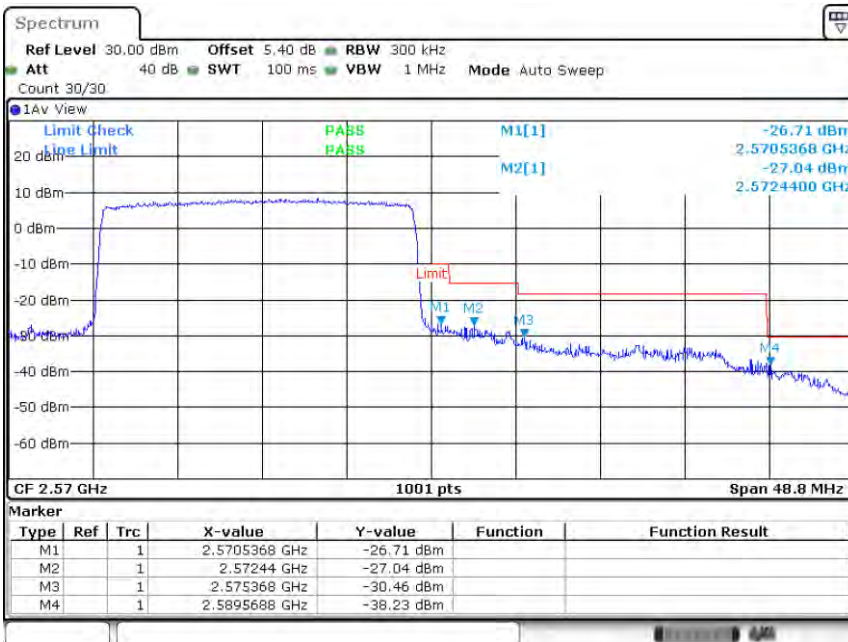


Date: 22.OCT.2020 00:15:12



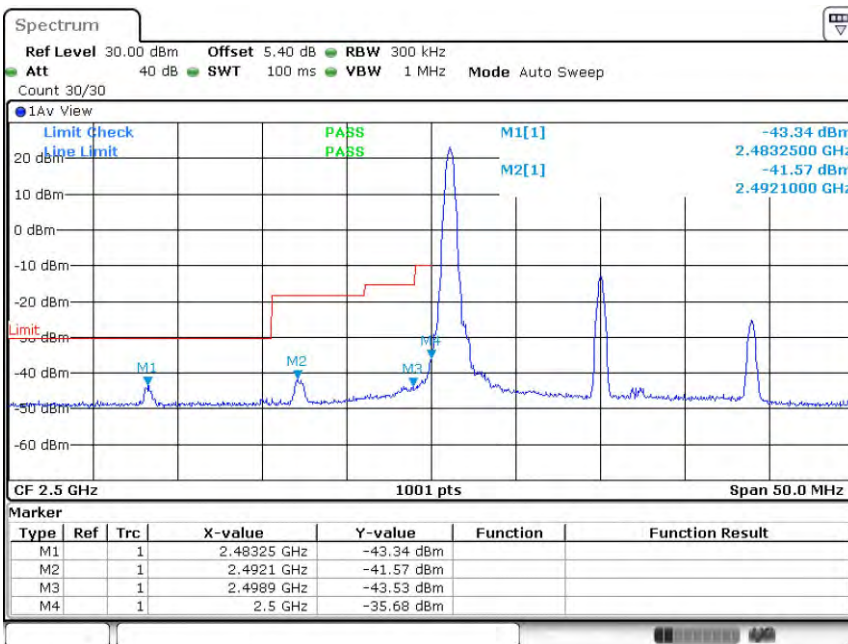
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Band7-20MHz-QPSK-21350-100RB#0



Date: 22.OCT.2020 00:15:50

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

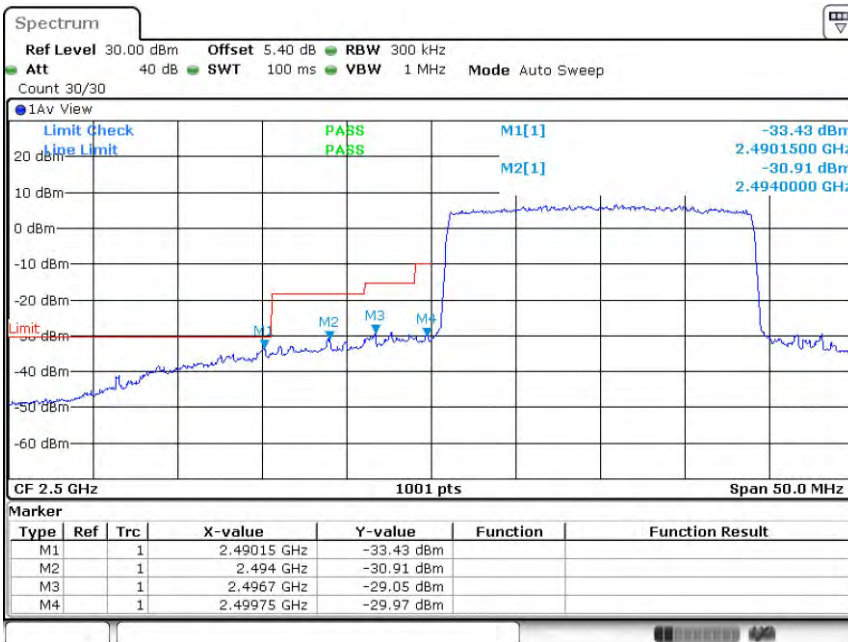


Date: 5.NOV.2020 11:30:48



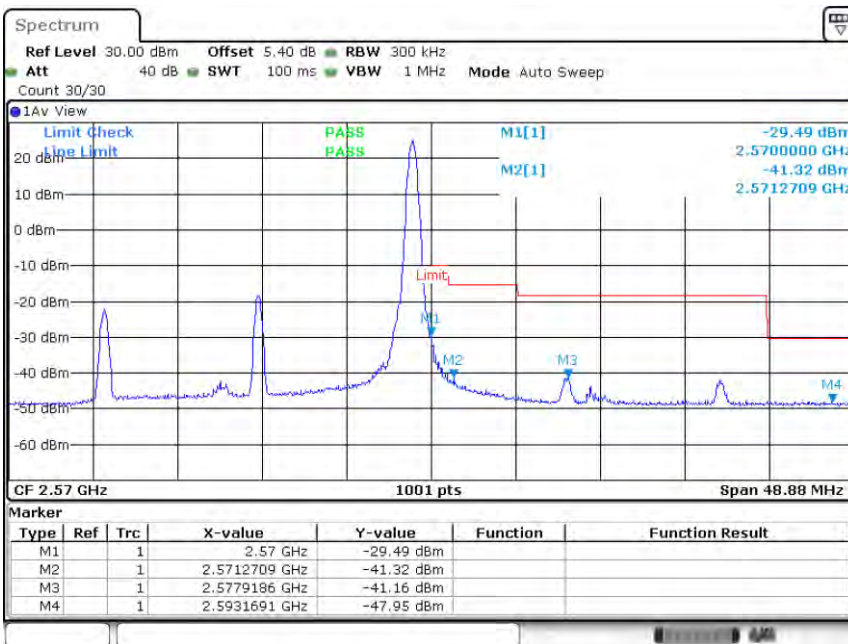
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Band7-20MHz-16QAM-20850-100RB#0



Date: 5.NOV.2020 11:31:23

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

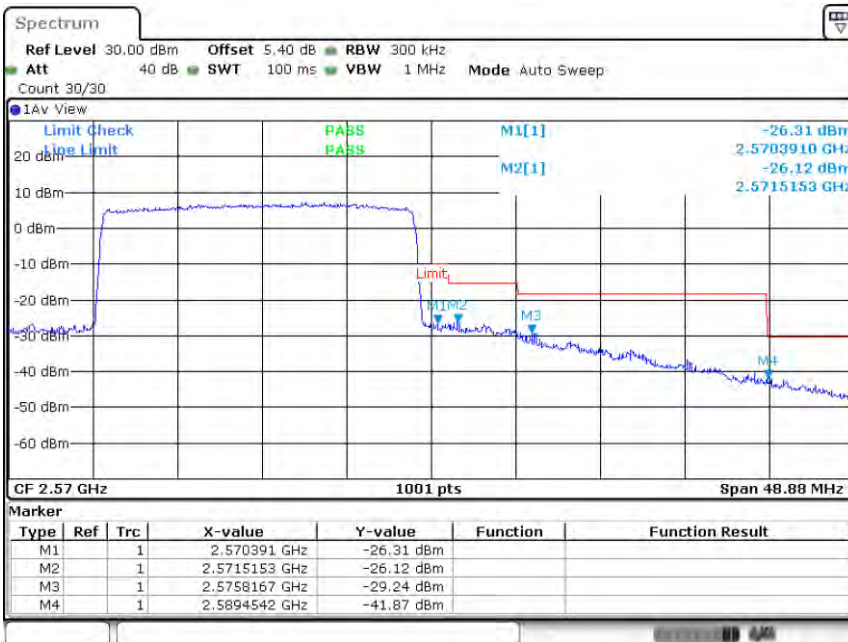


Date: 22.OCT.2020 00:15:31



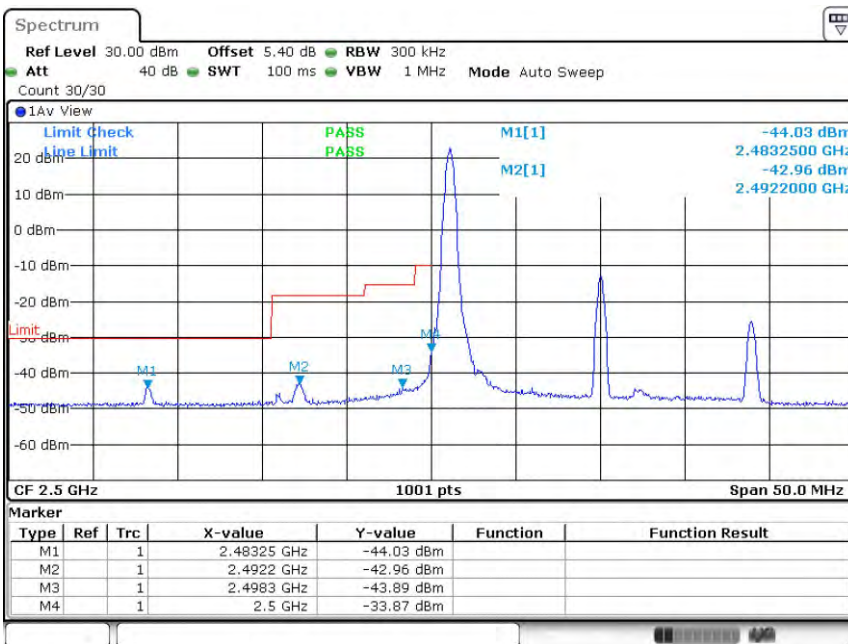
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Band7-20MHz-16QAM-21350-100RB#0



Date: 22.OCT.2020 00:16:08

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

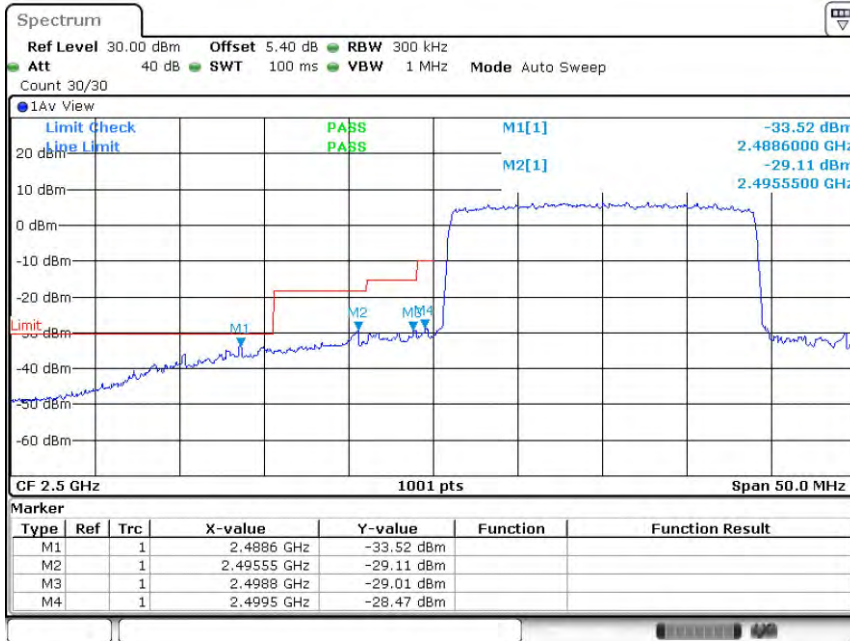


Date: 5.NOV.2020 11:33:13



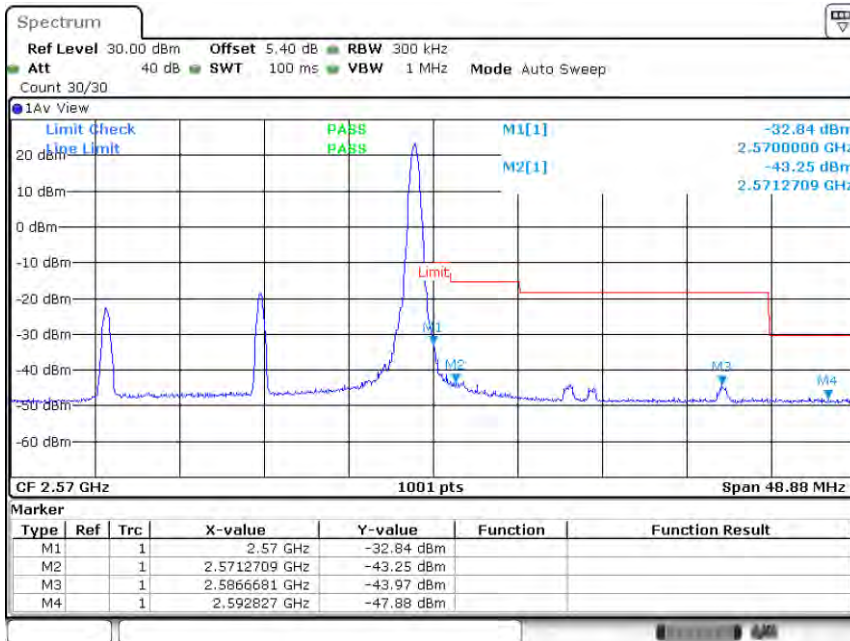
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Band7-20MHz-64QAM-20850-100RB#0



Date: 5.NOV.2020 11:33:31

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



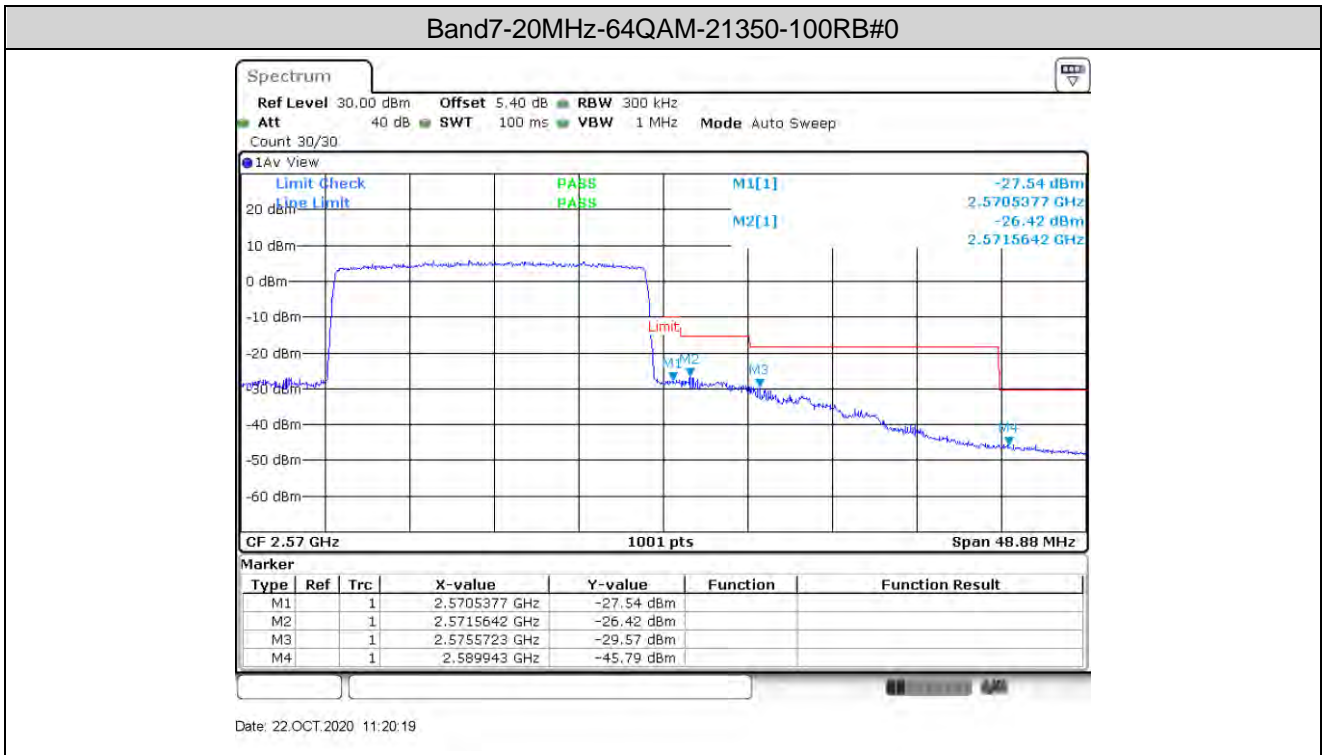
Date: 22.OCT.2020 11:20:01



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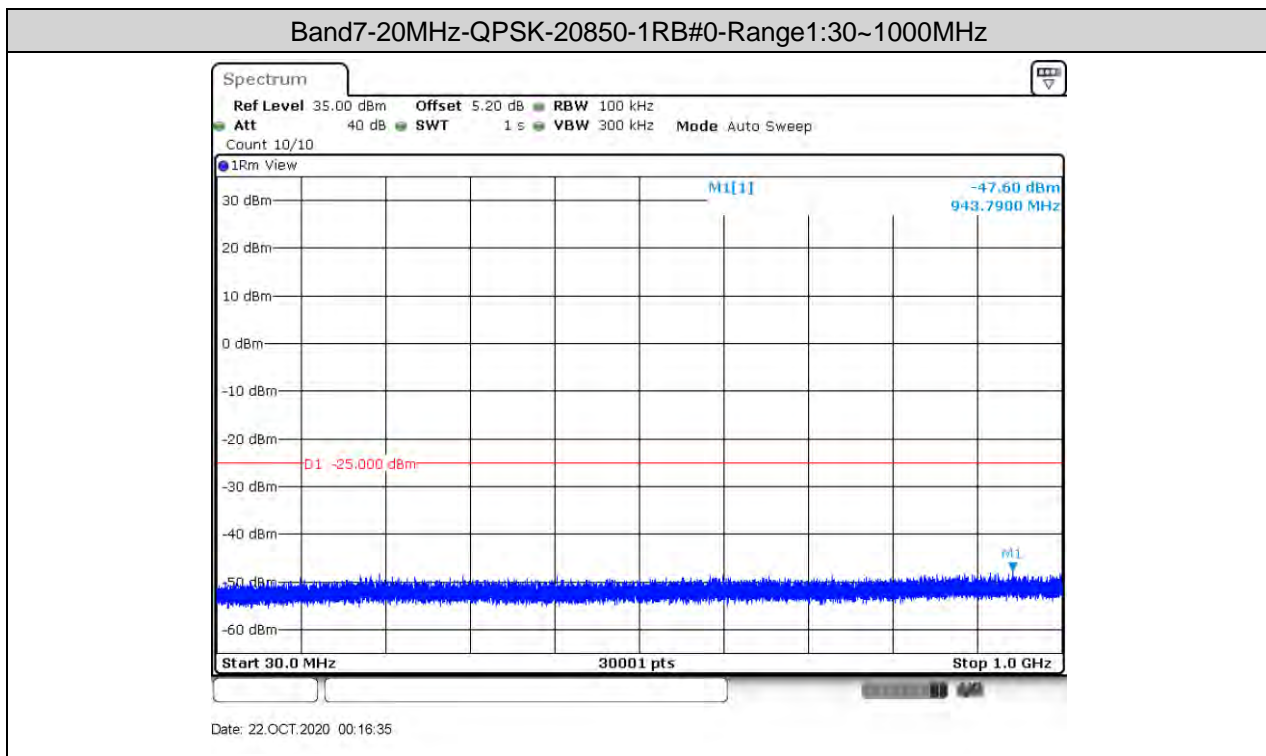
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6 Spurious Emission at Antenna Terminal

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

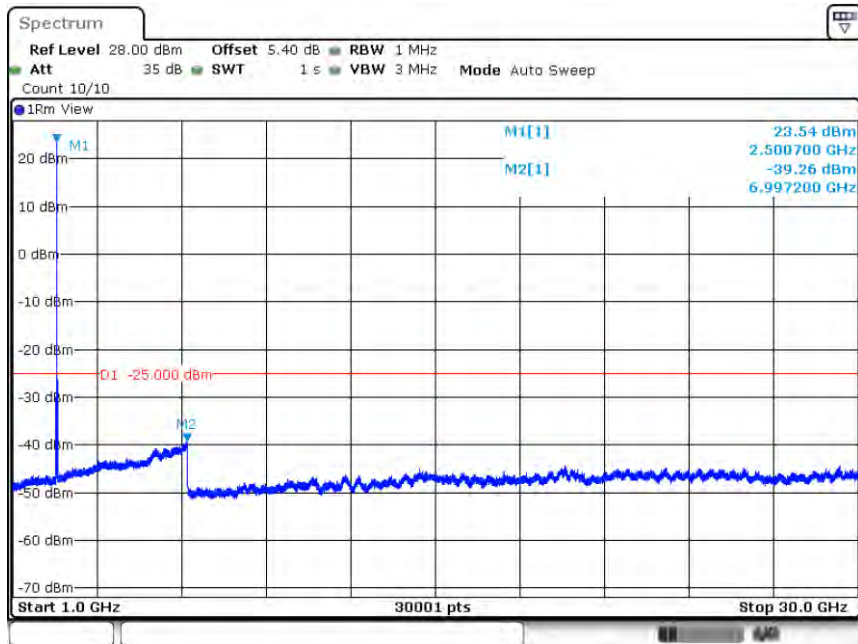
6.1 Test Plots



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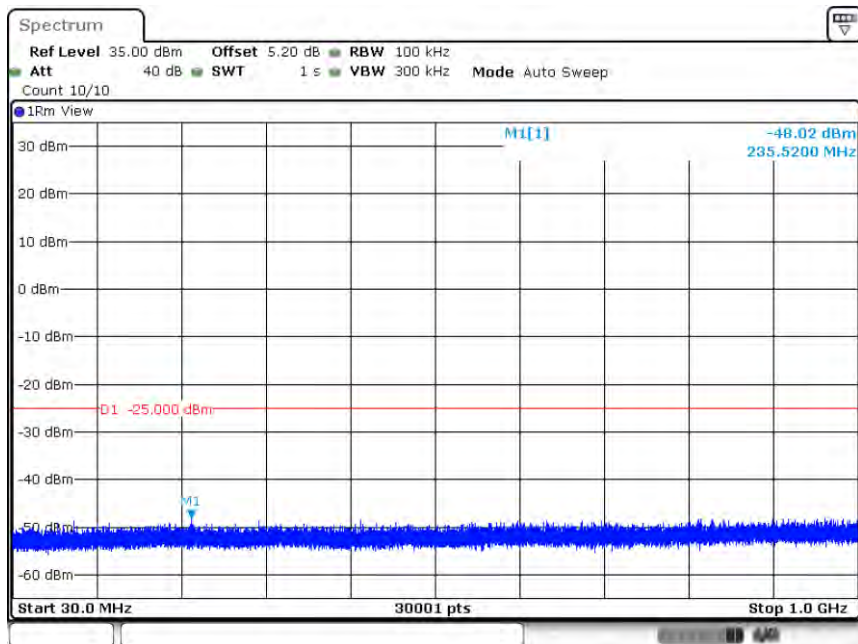
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Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:16:52

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



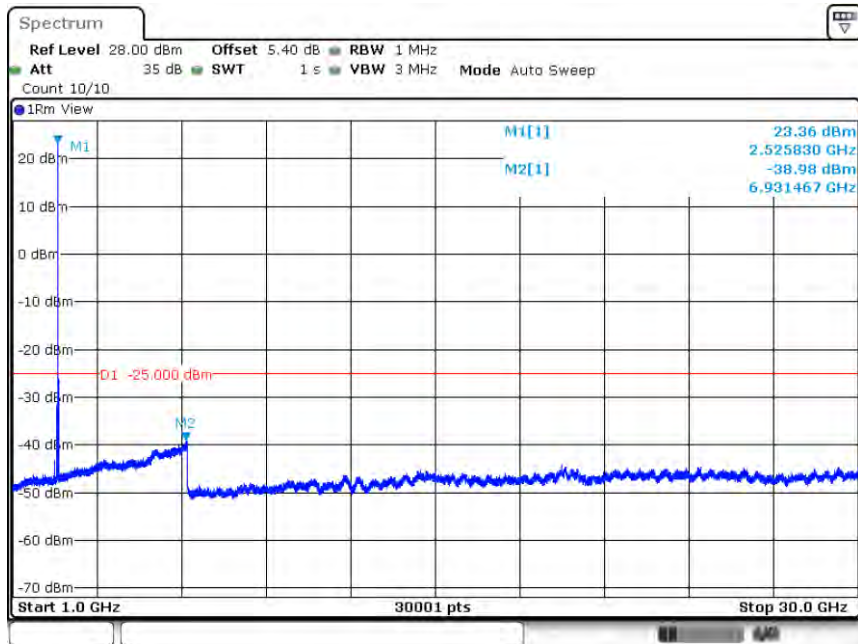
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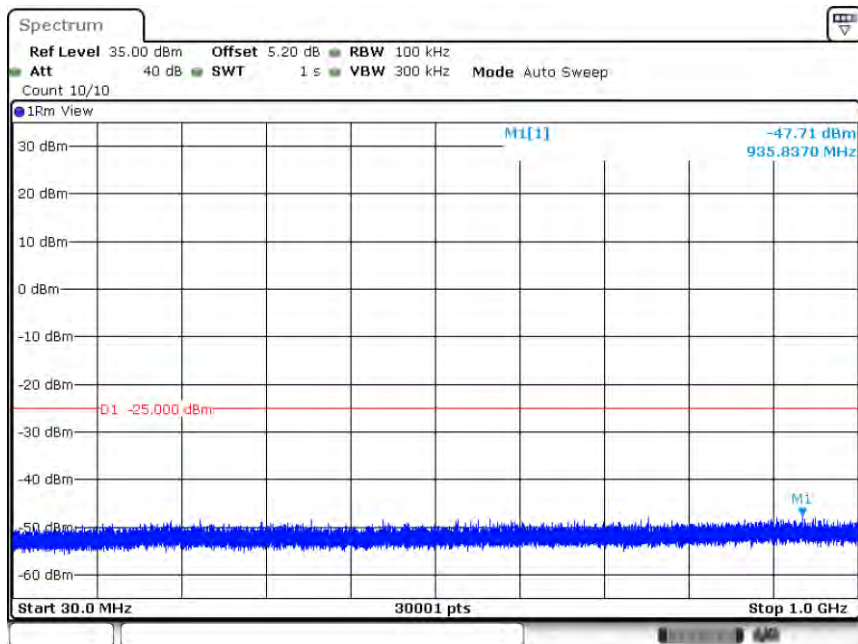
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Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:18:11

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

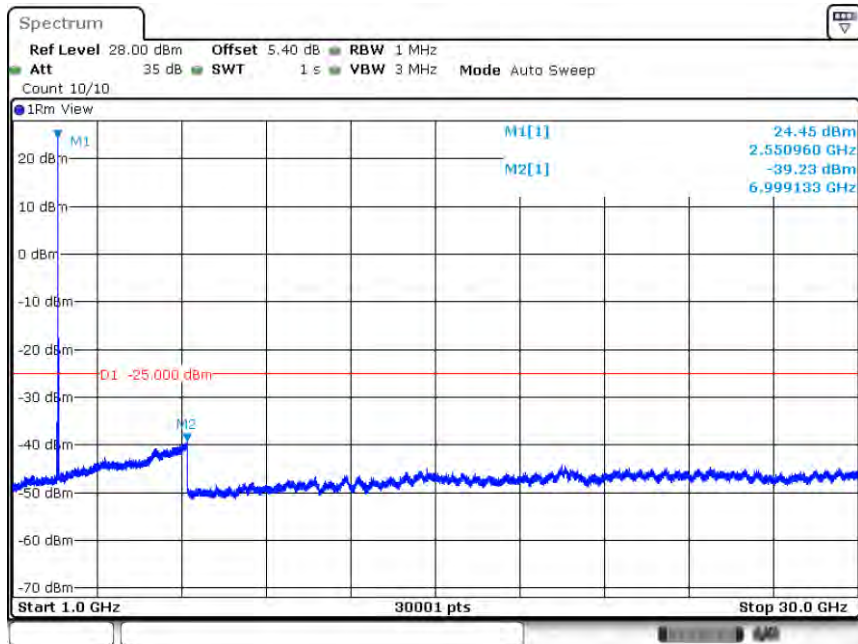


Date: 22.OCT.2020 00:19:11



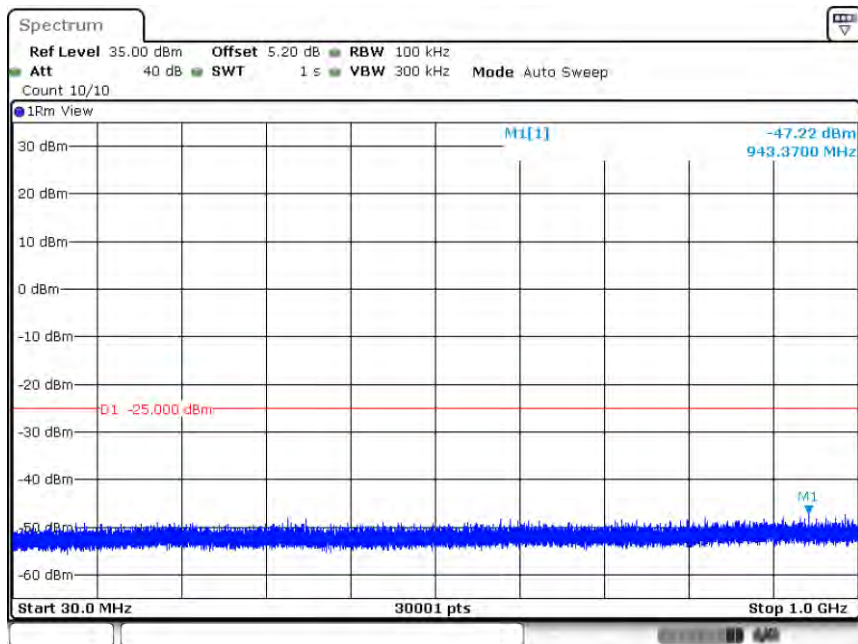
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Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:19:29

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

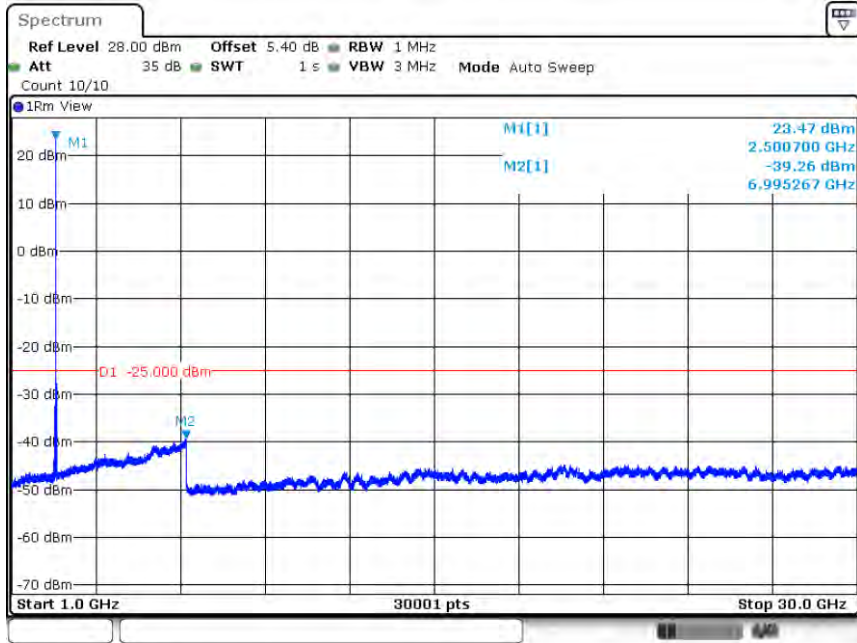


Date: 22.OCT.2020 00:17:14



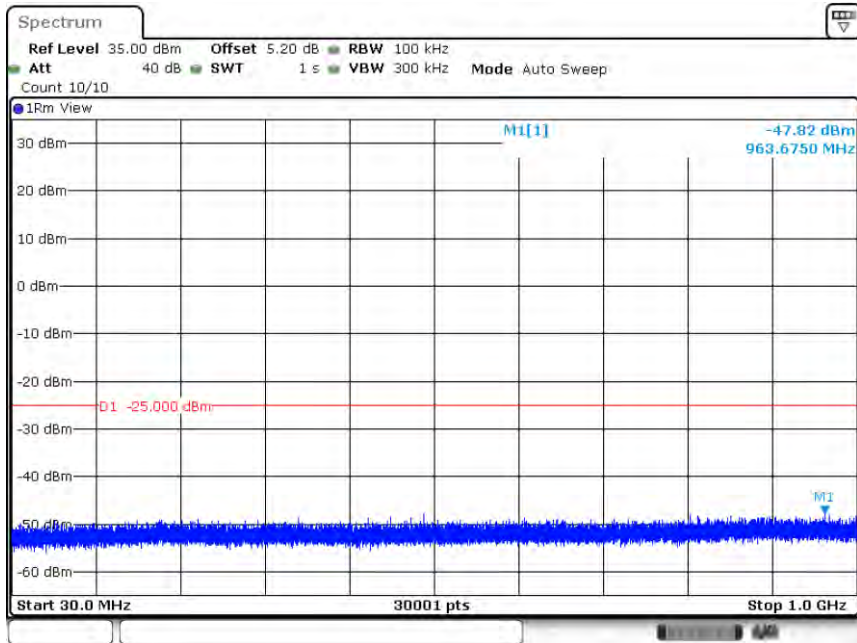
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Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:17:31

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



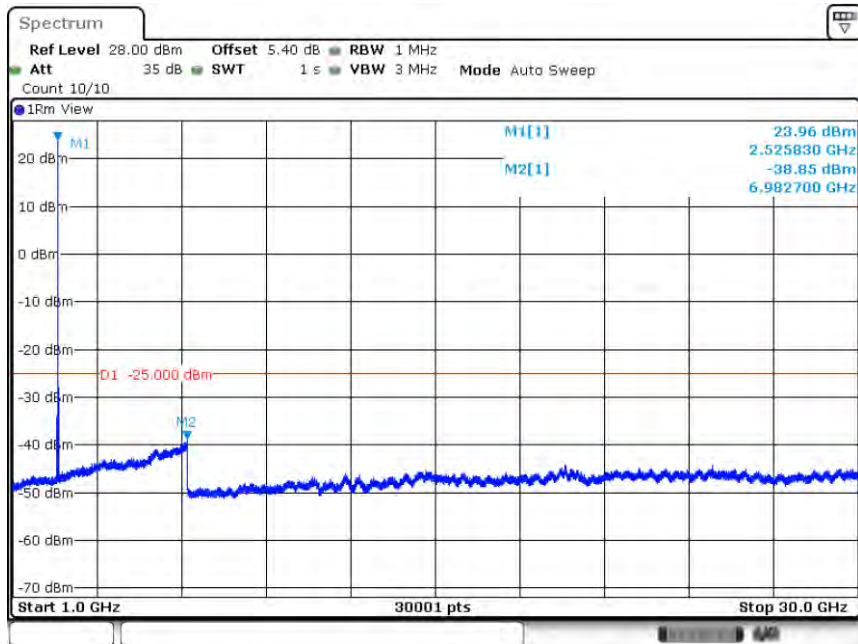
Date: 22.OCT.2020 00:18:32



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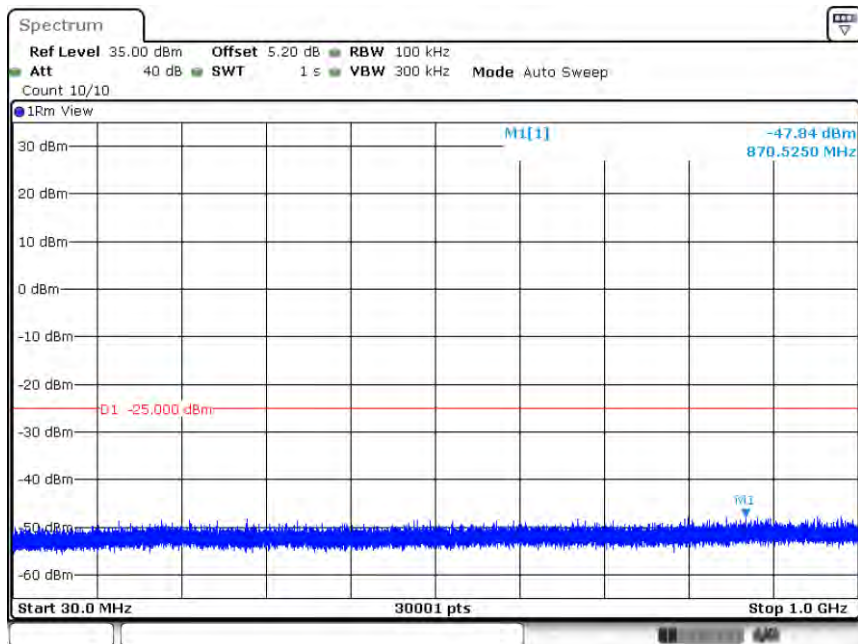
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Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:18:50

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



Date: 22.OCT.2020 00:19:50

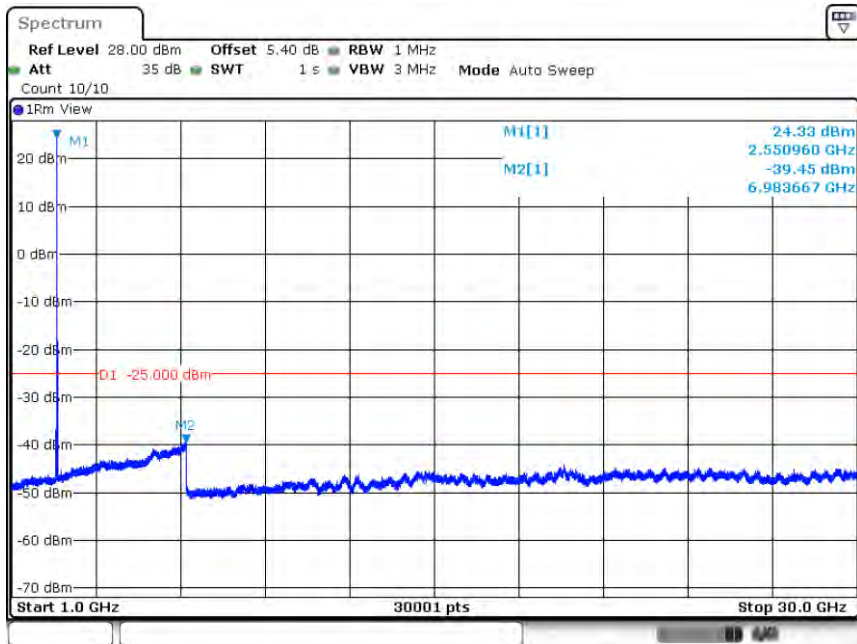


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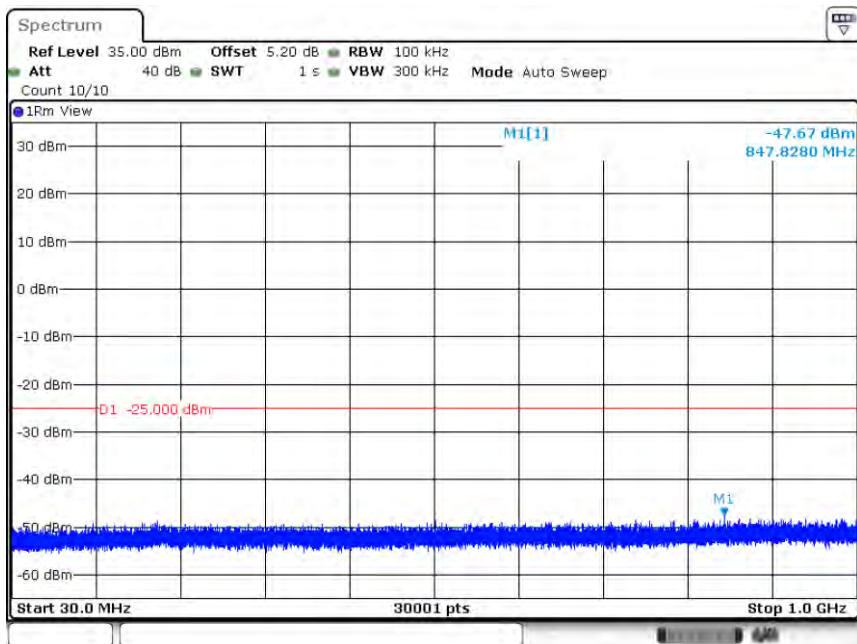
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Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 00:20:07

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

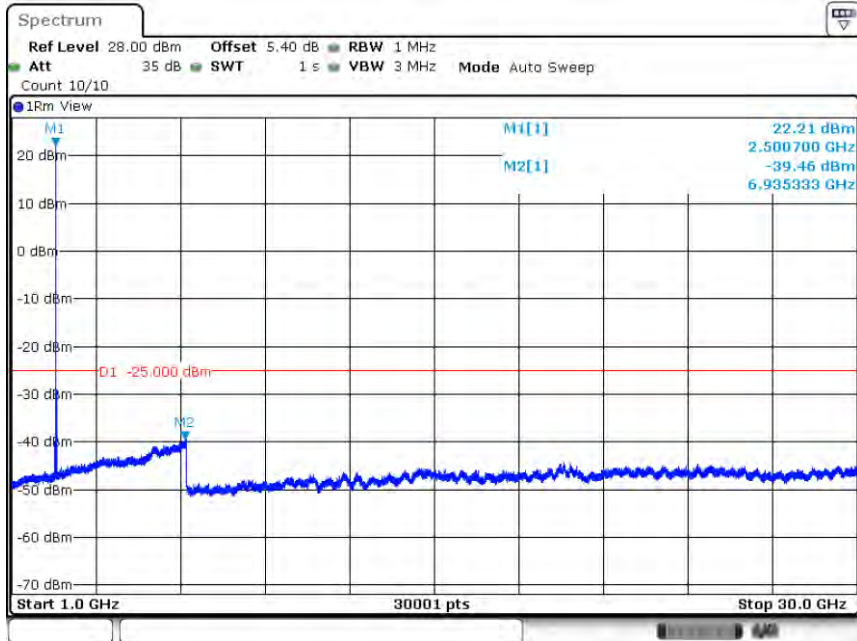


Date: 22.OCT.2020 11:20:47



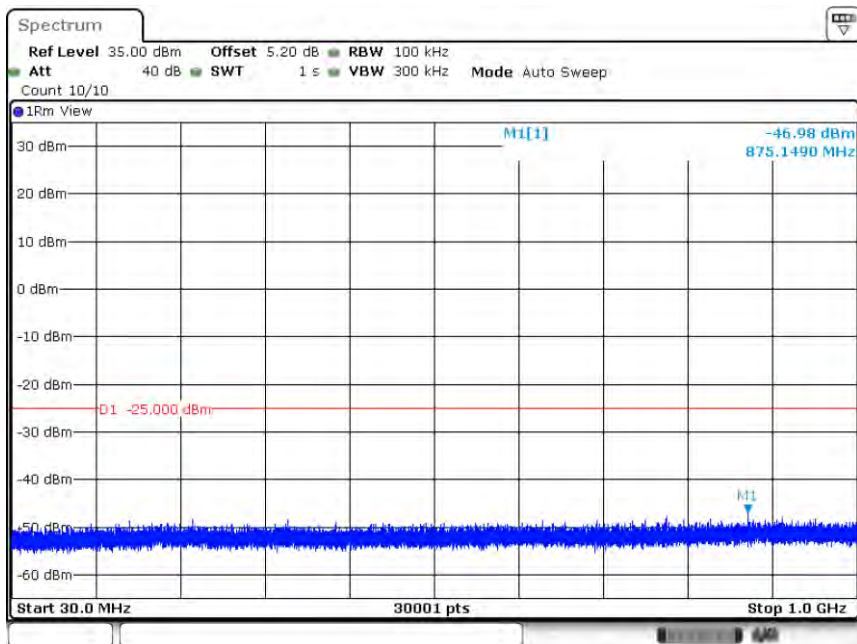
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Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~30000MHz



Date: 22.OCT.2020 11:21:04

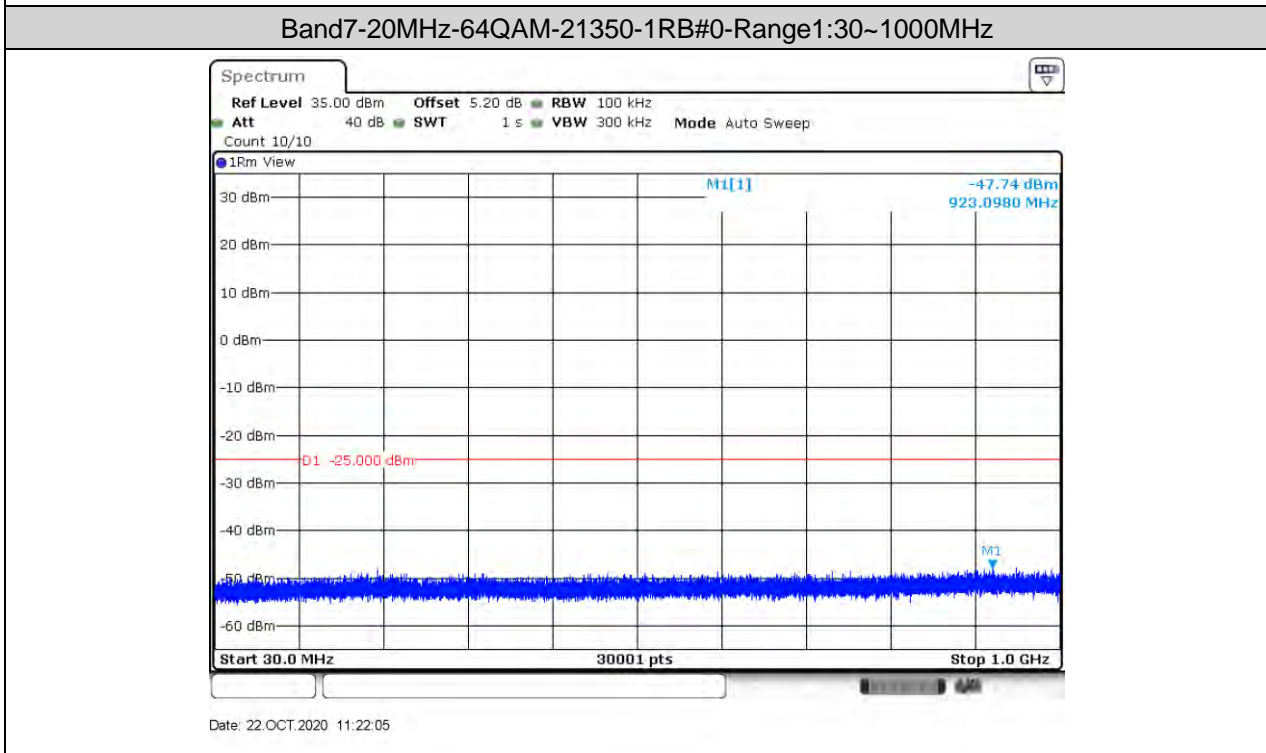
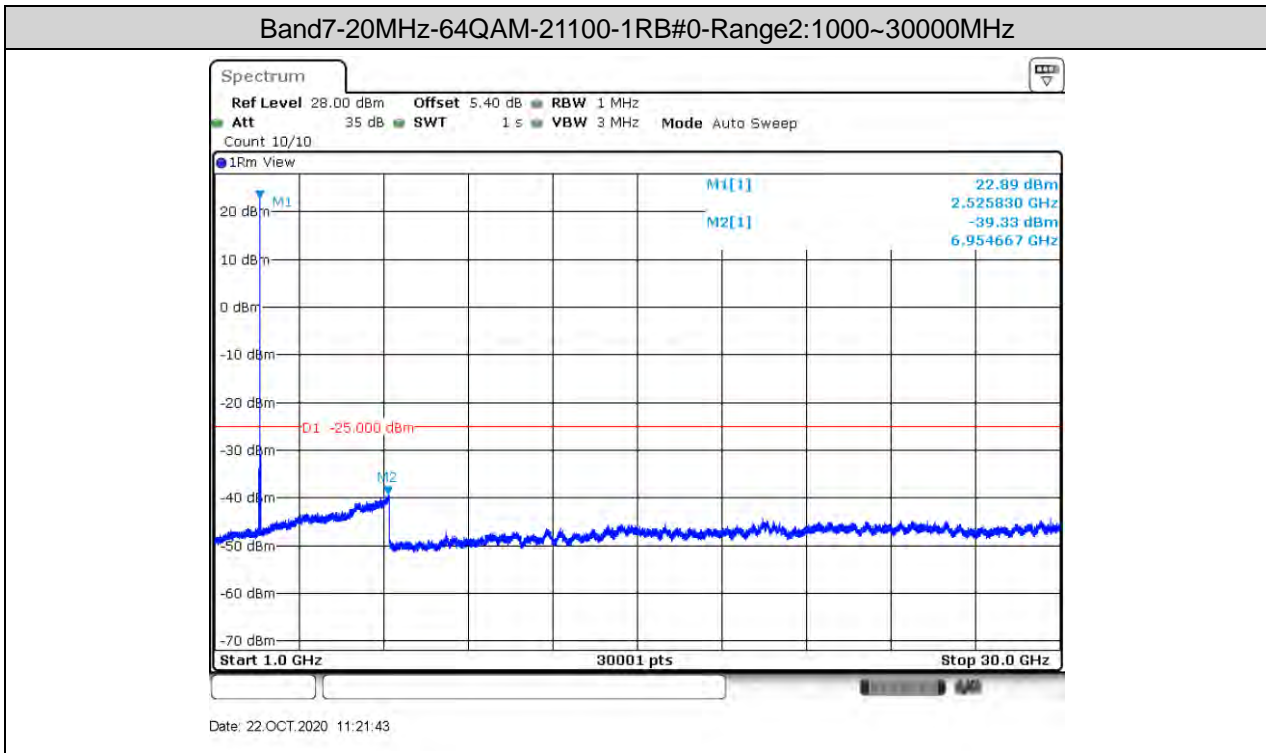
Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



Date: 22.OCT.2020 11:21:26



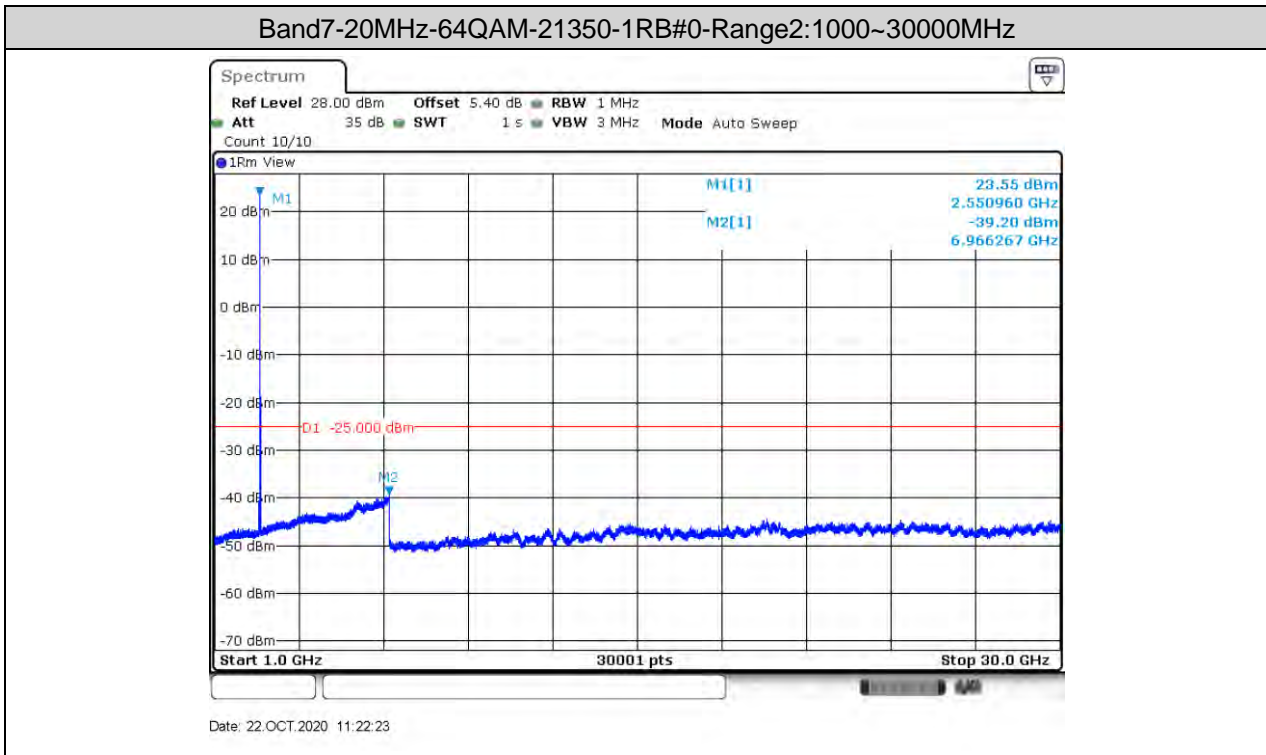
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7 Field Strength of Spurious Radiation

Firstly Supply:

7.1 Test Band = LTE_7_TM1

7.1.1 Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.2526	-69.12	-62.29	-25.00	37.29	187	174	Horizontal
2	99.1160	-71.11	-75.76	-25.00	50.76	195	323	Horizontal
3	222.9426	-70.59	-69.03	-25.00	44.03	174	344	Horizontal
4	5002.2801	-53.72	-60.94	-25.00	35.94	162	26	Horizontal
5	9304.4522	-60.73	-54.83	-25.00	29.83	187	46	Horizontal
6	16402.1361	-60.67	-46.27	-25.00	21.27	162	26	Horizontal



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7.2 Test Band = LTE_7_TM1

7.2.1 Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.5706	-66.21	-72.89	-25.00	47.89	224	179	Vertical
2	110.8535	-71.63	-65.30	-25.00	40.30	258	307	Vertical
3	415.5943	-71.40	-68.33	-25.00	43.33	263	74	Vertical
4	5002.2801	-52.17	-59.33	-25.00	34.33	274	74	Vertical
5	11094.3238	-60.97	-53.82	-25.00	28.82	259	179	Vertical
6	17998.1999	-59.69	-41.86	-25.00	16.86	259	307	Vertical



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7.3 Test Band = LTE_7_TM1

7.3.1 Test Channel = Middle Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.2155	-70.92	-64.42	-25.00	39.42	284	259	Horizontal
2	83.6922	-71.03	-75.48	-25.00	50.48	256	281	Horizontal
3	236.9598	-71.99	-69.19	-25.00	44.19	287	111	Horizontal
4	5052.0821	-52.99	-59.89	-25.00	34.89	241	26	Horizontal
5	9330.8532	-60.29	-54.64	-25.00	29.64	258	323	Horizontal
6	16384.7354	-60.48	-46.30	-25.00	21.30	269	344	Horizontal



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7.4 Test Band = LTE_7_TM1

7.4.1 Test Channel = Middle Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.4850	-68.39	-73.02	-25.00	48.02	247	153	Vertical
2	113.3272	-71.00	-64.88	-25.00	39.88	258	302	Vertical
3	311.4596	-70.79	-69.14	-25.00	44.14	195	259	Vertical
4	5052.0821	-48.60	-55.67	-25.00	30.67	187	68	Vertical
5	7578.7832	-52.15	-52.51	-25.00	27.51	241	259	Vertical
6	12630.3852	-57.27	-50.09	-25.00	25.09	258	259	Vertical



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7.5 Test Band = LTE_7_TM1

7.5.1 Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	41.4466	-70.49	-63.65	-25.00	38.65	222	258	Horizontal
2	107.6524	-70.20	-75.17	-25.00	50.17	148	68	Horizontal
3	235.6988	-72.02	-69.21	-25.00	44.21	198	216	Horizontal
4	5101.8841	-52.22	-58.82	-25.00	33.82	178	360	Horizontal
5	9315.8526	-60.43	-54.64	-25.00	29.64	195	238	Horizontal
6	16360.7344	-59.96	-46.22	-25.00	21.22	187	89	Horizontal



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7.6 Test Band = LTE_7_TM1

7.6.1 Test Channel = High Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.4251	-66.35	-72.89	-25.00	47.89	247	174	Vertical
2	107.3614	-71.64	-65.84	-25.00	40.84	259	26	Vertical
3	381.0606	-71.47	-68.21	-25.00	43.21	256	174	Vertical
4	5101.8841	-48.56	-55.54	-25.00	30.54	284	89	Vertical
5	11098.5239	-60.92	-53.79	-25.00	28.79	271	132	Vertical
6	17998.1999	-60.37	-42.54	-25.00	17.54	265	259	Vertical

Remark:

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



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8 Frequency Stability

Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	3.10	0.001235	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	5.30	0.002112	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	0.80	0.000319	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-4.30	-0.001696	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-4.90	-0.001933	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	0.80	0.000319	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	2.30	0.000916	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-5.40	-0.002130	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	2.00	0.000781	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	1.10	0.000430	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	2.10	0.000837	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	0.20	0.000080	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	2.50	0.000996	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-2.10	-0.000828	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-5.20	-0.002051	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	1.00	0.000391	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	1.70	0.000664	±2.5	PASS



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Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	3.10	0.001235	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	2.40	0.000956	±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	0	0.60	0.000239	±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	2.40	0.000956	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	1.00	0.000398	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	3.20	0.001275	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	1.40	0.000558	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-1.00	-0.000394	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-3.90	-0.001538	±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	0	-3.50	-0.001381	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-3.60	-0.001420	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-2.80	-0.001105	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-1.40	-0.000552	±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	-4.90	-0.001933	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-0.80	-0.000313	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-1.00	-0.000391	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-0.10	-0.000039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-2.00	-0.000781	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-1.70	-0.000664	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	0.80	0.000313	±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	-2.80	-0.001094	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	2.50	0.000996	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	2.20	0.000876	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	1.90	0.000757	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	2.20	0.000876	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	1.00	0.000398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	3.30	0.001315	±2.5	PASS



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Band7	20MHz	16QAM	20850	100RB#0	NV	30	0.50	0.000199	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-0.20	-0.000080	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	0.70	0.000279	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-2.70	-0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-5.00	-0.001972	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-2.60	-0.001026	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-1.50	-0.000592	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-5.00	-0.001972	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-3.60	-0.001420	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-3.00	-0.001183	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-3.10	-0.001223	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	0.70	0.000273	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	1.20	0.000469	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	3.10	0.001211	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-1.20	-0.000469	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	1.70	0.000664	±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	30	0.70	0.000273	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-1.30	-0.000508	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	3.40	0.001355	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	3.20	0.001275	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-10	0.70	0.000279	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	1.40	0.000558	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	-0.10	-0.000040	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	4.10	0.001633	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	30	0.90	0.000359	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	40	2.40	0.000956	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	50	3.00	0.001195	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-2.80	-0.001105	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-2.80	-0.001105	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-10	-2.90	-0.001144	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-1.20	-0.000473	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-4.00	-0.001578	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-2.30	-0.000907	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	30	-3.60	-0.001420	±2.5	PASS



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Band7	20MHz	64QAM	21100	100RB#0	NV	40	-5.30	-0.002091	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	50	-4.20	-0.001657	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	1.90	0.000742	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	1.10	0.000430	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-10	0.60	0.000234	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	0	2.80	0.001094	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	1.60	0.000625	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	-0.60	-0.000234	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	30	1.30	0.000508	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	40	-0.80	-0.000313	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	50	2.50	0.000977	±2.5	PASS

The End



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