



Appendix B

E-UTRA Band 12



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.76	18.91	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.75	18.90	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.66	18.81	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.73	18.88	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.72	18.87	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.73	18.88	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.77	17.92	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.87	19.02	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.01	19.16	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.94	19.09	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.94	19.09	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.82	18.97	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.98	19.13	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.06	18.21	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.84	18.99	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.86	19.01	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.83	18.98	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.91	19.06	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.94	19.09	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.86	19.01	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.95	18.10	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.27	18.42	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.22	18.37	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.07	18.22	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.91	18.06	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.69	17.84	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.74	17.89	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.04	17.19	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.29	18.44	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.50	18.65	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.19	18.34	34.77	PASS



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Band12	1.4MHz	16QAM	23095	3RB#0	23.04	18.19	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.10	18.25	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.04	18.19	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.12	17.27	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.30	18.45	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.21	18.36	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.10	18.25	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.06	18.21	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.07	18.22	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.01	18.16	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.12	17.27	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.99	17.14	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.06	17.21	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.05	17.20	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.95	17.10	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	22.08	17.23	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	22.01	17.16	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.01	16.16	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.91	17.06	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.89	17.04	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.98	17.13	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.91	17.06	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	22.01	17.16	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.92	17.07	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.91	16.06	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.97	17.12	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.08	17.23	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.95	17.10	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.90	17.05	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	22.03	17.18	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	22.09	17.24	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.99	16.14	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.86	19.01	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.67	18.82	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.85	19.00	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.95	18.10	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.89	18.04	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.90	18.05	34.77	PASS



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Band12	3MHz	QPSK	23025	15RB#0	22.87	18.02	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.03	19.18	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.96	19.11	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.95	19.10	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.15	18.30	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.15	18.30	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.16	18.31	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.09	18.24	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.94	19.09	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.96	19.11	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.83	18.98	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.98	18.13	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.90	18.05	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.98	18.13	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.98	18.13	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.07	18.22	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.84	17.99	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.03	18.18	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.01	17.16	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.90	17.05	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.91	17.06	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.90	17.05	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.50	18.65	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.11	18.26	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.23	18.38	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.14	17.29	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.14	17.29	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.11	17.26	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.10	17.25	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.58	18.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.06	18.21	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.47	18.62	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.09	17.24	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.19	17.34	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.19	17.34	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.00	17.15	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.98	17.13	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.00	17.15	34.77	PASS



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Band12	3MHz	64QAM	23025	1RB#14	21.86	17.01	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.90	16.05	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.98	16.13	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	21.14	16.29	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.93	16.08	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.02	17.17	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.02	17.17	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.96	17.11	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.01	16.16	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.88	16.03	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.99	16.14	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.02	16.17	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.09	17.24	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.06	17.21	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.95	17.10	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.95	16.10	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.94	16.09	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.95	16.10	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.90	16.05	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.88	19.03	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.87	19.02	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.74	18.89	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.89	18.04	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.94	18.09	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.86	18.01	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.91	18.06	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.10	19.25	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.10	19.25	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.16	19.31	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.97	18.12	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.09	18.24	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.08	18.23	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.10	18.25	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.91	19.06	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.99	19.14	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.02	19.17	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.97	18.12	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.13	18.28	34.77	PASS





Band12	5MHz	QPSK	23155	12RB#13	23.04	18.19	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.00	18.15	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.94	18.09	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.39	18.54	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.42	18.57	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.81	16.96	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.87	17.02	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.83	16.98	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.91	17.06	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.49	18.64	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.07	18.22	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.24	18.39	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.17	17.32	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.18	17.33	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.16	17.31	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.17	17.32	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.09	18.24	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.44	18.59	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.48	18.63	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.14	17.29	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.98	17.13	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.07	17.22	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.04	17.19	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.08	17.23	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.88	17.03	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.90	17.05	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	21.02	16.17	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	21.10	16.25	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	21.06	16.21	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.00	16.15	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.06	17.21	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.10	17.25	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.00	17.15	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.91	16.06	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.90	16.05	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.88	16.03	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.92	16.07	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.95	17.10	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#12	21.95	17.10	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.94	17.09	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	21.09	16.24	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	21.04	16.19	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	21.05	16.20	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.95	16.10	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.81	18.96	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.73	18.88	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.76	18.91	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.83	17.98	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.97	18.12	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.81	17.96	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.86	18.01	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.99	19.14	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.11	19.26	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.84	18.99	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.14	18.29	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.14	18.29	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.17	18.32	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.11	18.26	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.98	19.13	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.90	19.05	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.88	19.03	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.05	18.20	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.16	18.31	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.11	18.26	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.26	18.41	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.04	18.19	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.08	18.23	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.37	18.52	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.92	17.07	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.93	17.08	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.95	17.10	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.00	17.15	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.37	18.52	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.27	18.42	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.42	18.57	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.16	17.31	34.77	PASS



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Band12	10MHz	16QAM	23095	25RB#12	22.12	17.27	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.13	17.28	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.12	17.27	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.24	18.39	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.61	18.76	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.40	18.55	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.15	17.30	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.28	17.43	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.03	17.18	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.11	17.26	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.96	17.11	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.98	17.13	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.09	17.24	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.00	16.15	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.86	16.01	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.00	16.15	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.99	16.14	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.99	17.14	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.03	17.18	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.98	17.13	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.98	16.13	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.10	16.25	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.98	16.13	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.97	16.12	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.93	17.08	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.90	17.05	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.93	17.08	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.97	16.12	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.93	16.08	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.86	16.01	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.12	16.27	34.77	PASS



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ANT0:

Band	Bandwidth h	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.74	14.69	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.73	14.68	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.67	14.62	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.64	14.59	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.75	14.70	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.72	14.67	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.81	13.76	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.60	14.55	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.69	14.64	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.55	14.50	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.52	14.47	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.64	14.59	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.65	14.60	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.63	13.58	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.57	14.52	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.55	14.50	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.49	14.44	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.54	14.49	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.60	14.55	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.49	14.44	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.53	13.48	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.27	14.22	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.04	13.99	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.67	13.62	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.81	13.76	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.87	13.82	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.91	13.86	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.89	12.84	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.80	13.75	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.75	13.70	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.00	13.95	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.63	13.58	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.65	13.60	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.72	13.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.90	12.85	34.77	PASS



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Band12	1.4MHz	16QAM	23173	1RB#0	23.17	14.12	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.98	13.93	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.99	13.94	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.64	13.59	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.73	13.68	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.59	13.54	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.73	12.68	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.63	12.58	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.79	12.74	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.78	12.73	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.70	12.65	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.67	12.62	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.67	12.62	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.98	11.93	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.60	12.55	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.62	12.57	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.77	12.72	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.67	12.62	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.56	12.51	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.54	12.49	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.06	12.01	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.59	12.54	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.69	12.64	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.75	12.70	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.75	12.70	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.56	12.51	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.67	12.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.98	11.93	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.88	14.83	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.71	14.66	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.64	14.59	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.80	13.75	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.83	13.78	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.85	13.80	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.88	13.83	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.68	14.63	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.72	14.67	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.66	14.61	34.77	PASS



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Band12	3MHz	QPSK	23095	8RB#0	22.76	13.71	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.81	13.76	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.70	13.65	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.79	13.74	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.49	14.44	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.58	14.53	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.54	14.49	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.64	13.59	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.73	13.68	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.59	13.54	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.63	13.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.92	13.87	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.98	13.93	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.38	14.33	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.90	12.85	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.92	12.87	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.85	12.80	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.81	12.76	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.77	13.72	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.66	13.61	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.66	13.61	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.87	12.82	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.97	12.92	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.84	12.79	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.83	12.78	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.17	14.12	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.73	13.68	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.80	13.75	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.64	12.59	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.64	12.59	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.86	12.81	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.61	12.56	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.78	12.73	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.54	12.49	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.70	12.65	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	21.07	12.02	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	21.01	11.96	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	21.12	12.07	34.77	PASS



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Band12	3MHz	64QAM	23025	15RB#0	21.05	12.00	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.60	12.55	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.61	12.56	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.58	12.53	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.09	12.04	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.06	12.01	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	21.11	12.06	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.98	11.93	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.78	12.73	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.57	12.52	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.59	12.54	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	21.04	11.99	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	21.01	11.96	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	21.01	11.96	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.01	11.96	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.84	14.79	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.89	14.84	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.67	14.62	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.82	13.77	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.86	13.81	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.90	13.85	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.88	13.83	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.59	14.54	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.70	14.65	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.75	14.70	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.84	13.79	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.74	13.69	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.74	13.69	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.71	13.66	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.63	14.58	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.66	14.61	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.65	14.60	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.65	13.60	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.77	13.72	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.75	13.70	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.68	13.63	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.30	14.25	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.07	14.02	34.77	PASS



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Band12	5MHz	16QAM	23035	1RB#24	23.29	14.24	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.88	12.83	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.85	12.80	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.80	12.75	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.96	12.91	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.04	13.99	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.03	13.98	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.05	14.00	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.76	12.71	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.76	12.71	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.74	12.69	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.66	12.61	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.90	13.85	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.27	14.22	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.15	14.10	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.73	12.68	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.84	12.79	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.75	12.70	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.67	12.62	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.74	12.69	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.68	12.63	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.82	12.77	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	21.05	12.00	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	21.08	12.03	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.98	11.93	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.11	12.06	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.70	12.65	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.71	12.66	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.81	12.76	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.98	11.93	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	21.06	12.01	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.98	11.93	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.99	11.94	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.62	12.57	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.70	12.65	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.71	12.66	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.99	11.94	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	21.00	11.95	34.77	PASS



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Band12	5MHz	64QAM	23155	12RB#13	21.10	12.05	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.01	11.96	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.57	14.52	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.68	14.63	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.81	14.76	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.79	13.74	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.84	13.79	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.79	13.74	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.87	13.82	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.58	14.53	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.61	14.56	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.86	14.81	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.71	13.66	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.82	13.77	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.89	13.84	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.69	13.64	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.63	14.58	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.49	14.44	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.53	14.48	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.76	13.71	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.86	13.81	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.66	13.61	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.80	13.75	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.89	13.84	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.35	14.30	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.81	13.76	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.78	12.73	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.96	12.91	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.84	12.79	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.90	12.85	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.82	13.77	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.93	13.88	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.12	14.07	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.67	12.62	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.85	12.80	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.79	12.74	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.78	12.73	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.95	13.90	34.77	PASS



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Band12	10MHz	16QAM	23130	1RB#24	23.23	14.18	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.04	13.99	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.83	12.78	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.85	12.80	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.67	12.62	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.86	12.81	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.65	12.60	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.80	12.75	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.60	12.55	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.03	11.98	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.02	11.97	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.09	12.04	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.02	11.97	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.74	12.69	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.62	12.57	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.62	12.57	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	21.12	12.07	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.99	11.94	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.99	11.94	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.03	11.98	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.60	12.55	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.68	12.63	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.62	12.57	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.01	11.96	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.11	12.06	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	21.02	11.97	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.07	12.02	34.77	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBi]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

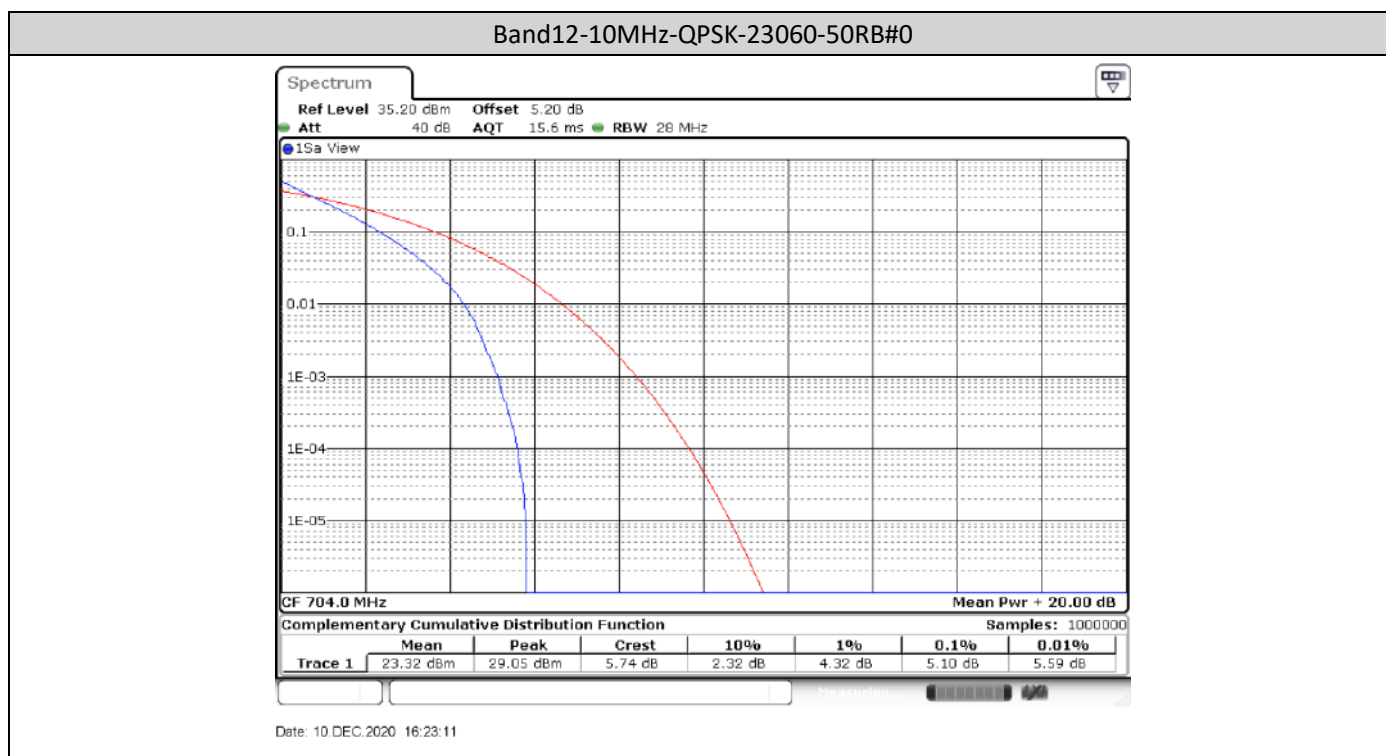


2. Peak-to-Average Ratio (CCDF)

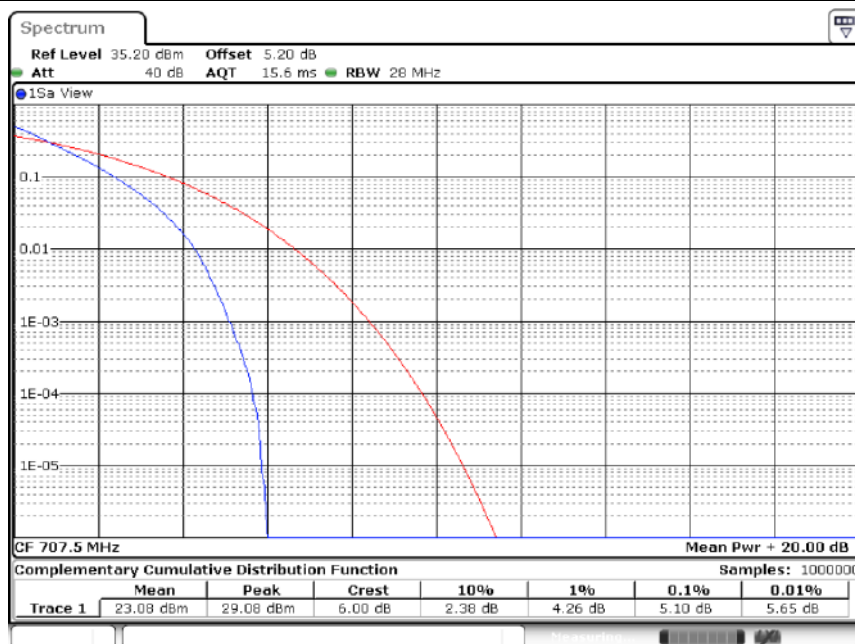
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.10	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.10	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.10	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.58	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.43	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.97	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.83	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.97	13	PASS

2.2. Test Plots

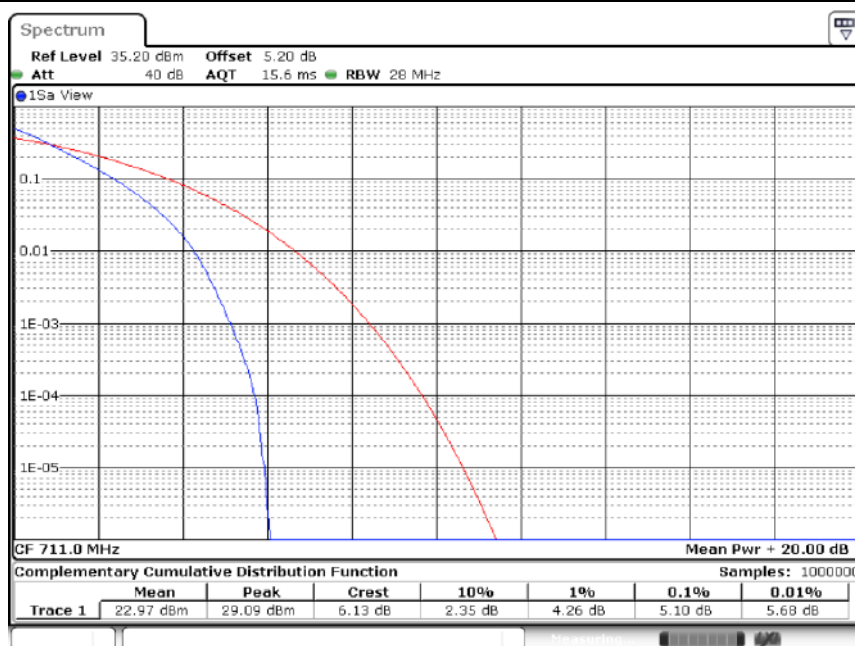


Band12-10MHz-QPSK-23095-50RB#0



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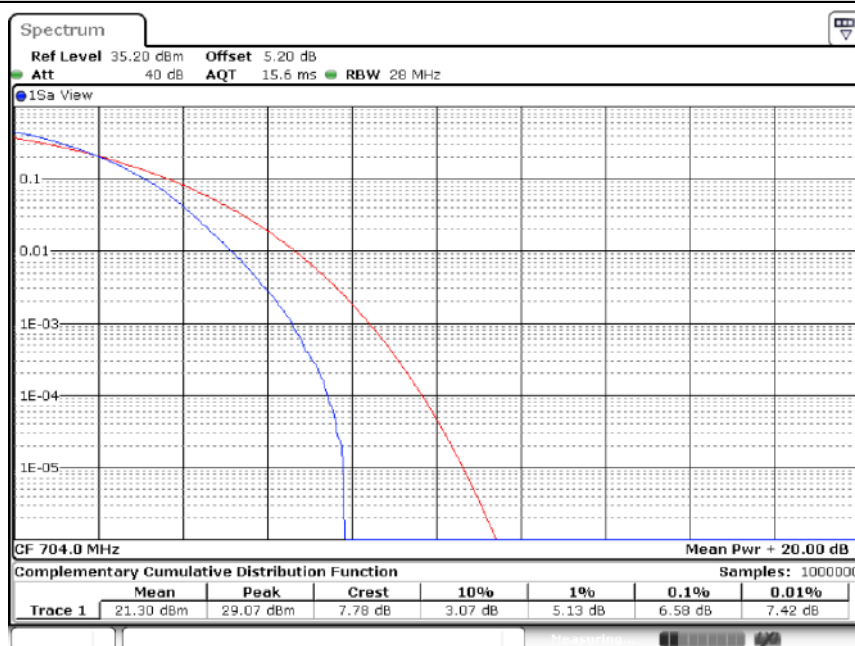
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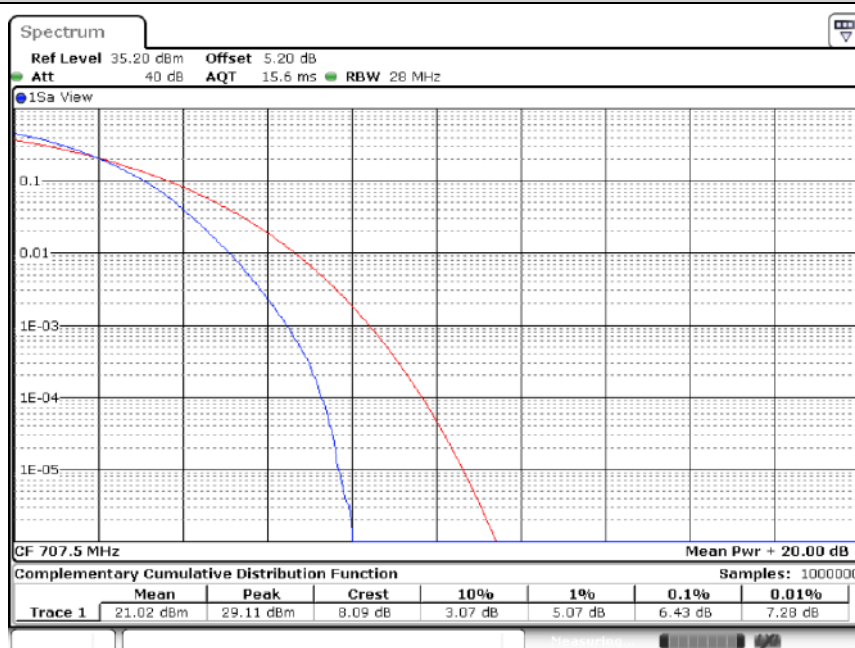


Band12-10MHz-64QAM-23060-50RB#0



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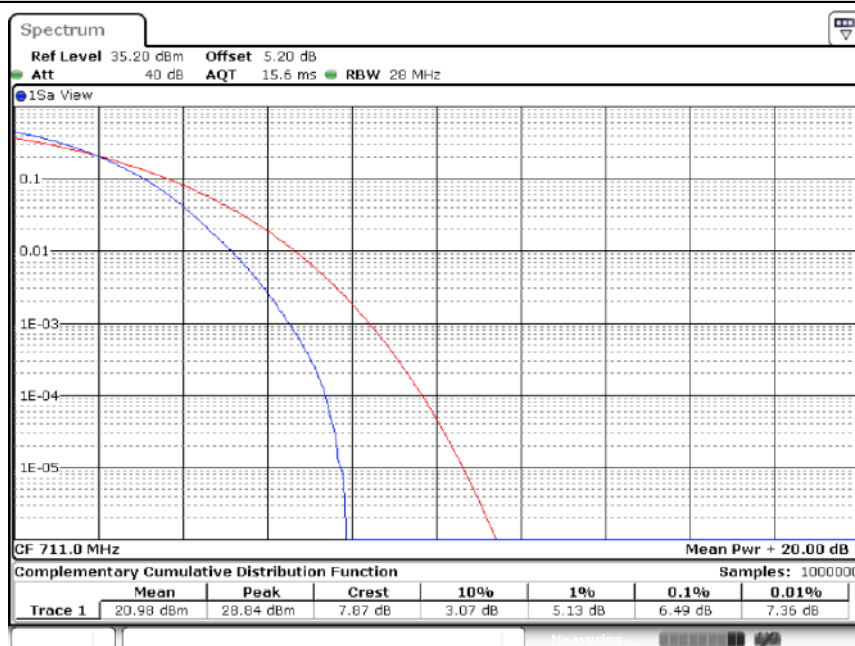
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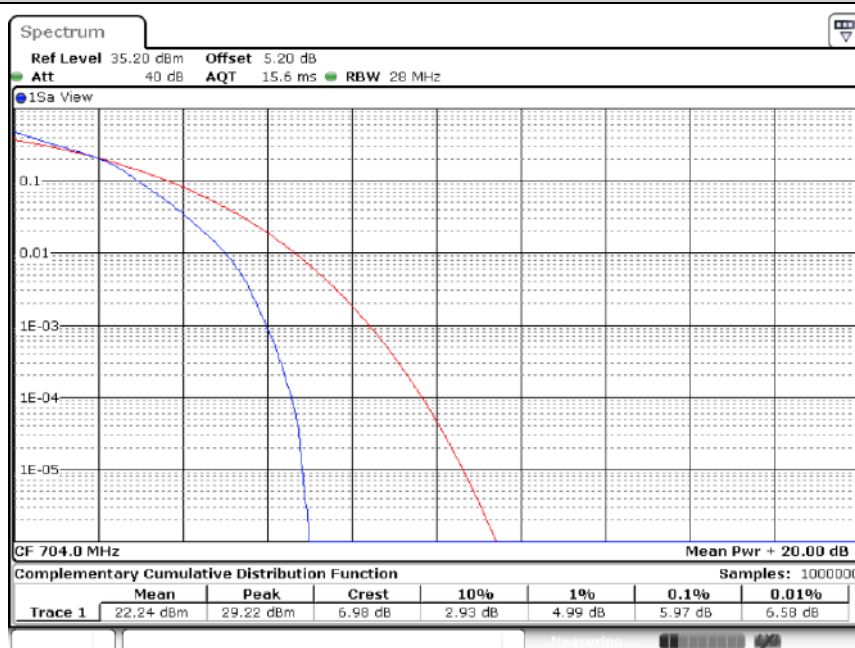


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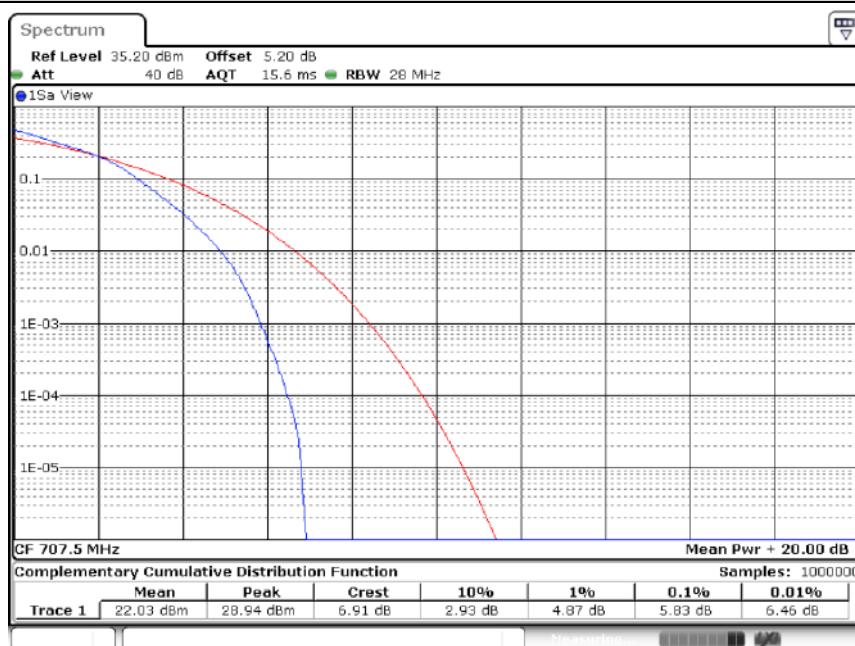
Band12-10MHz-16QAM-23060-50RB#0



Date: 10 DEC. 2020 16:23:22

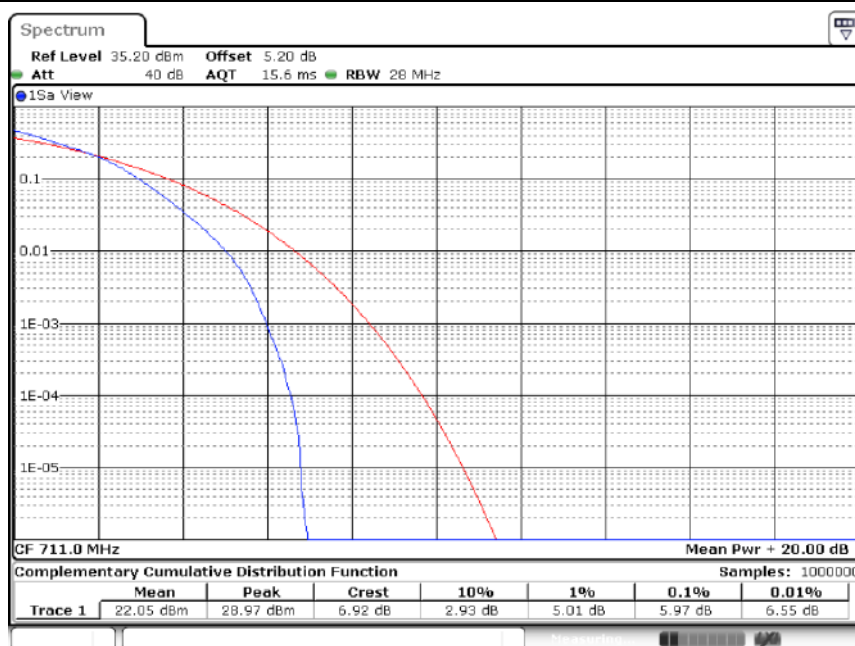


Band12-10MHz-16QAM-23095-50RB#0



Date: 10 DEC. 2020 16:23:45

Band12-10MHz-16QAM-23130-50RB#0



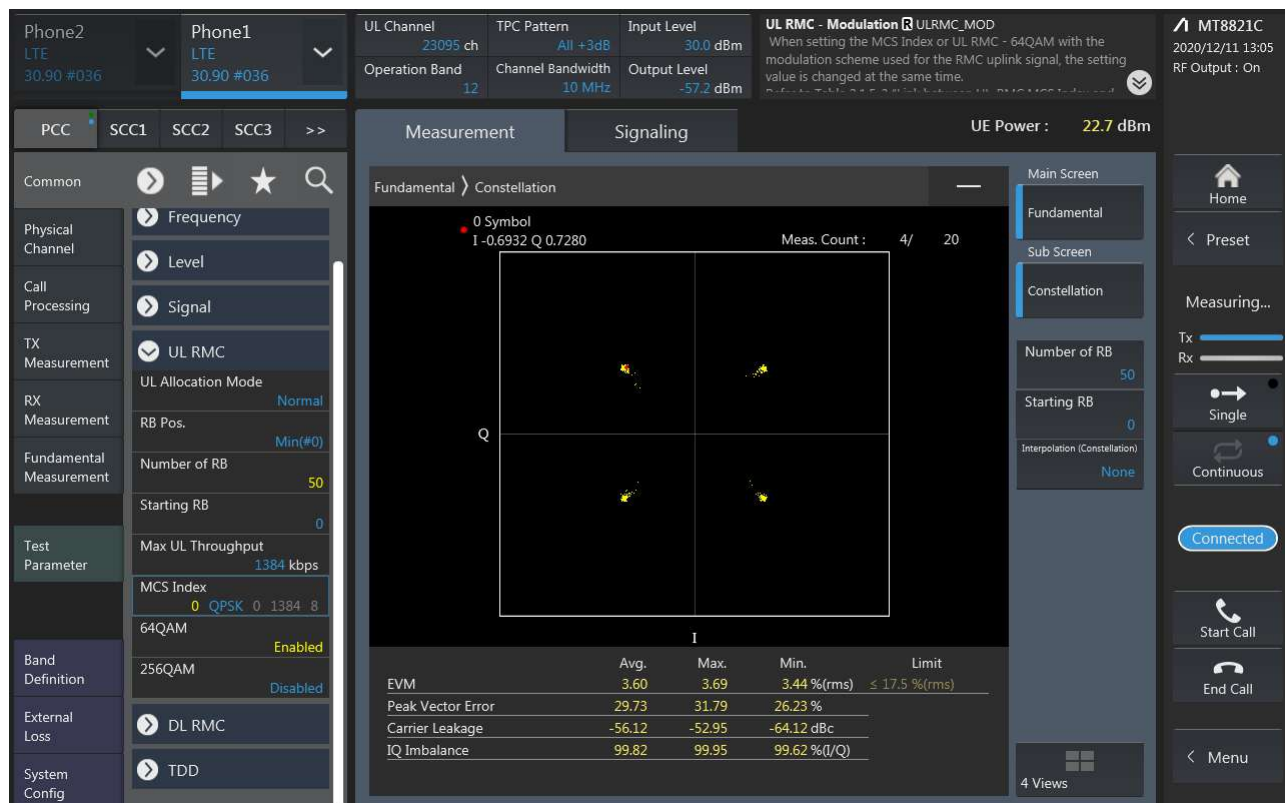
Date: 10 DEC. 2020 16:24:08



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



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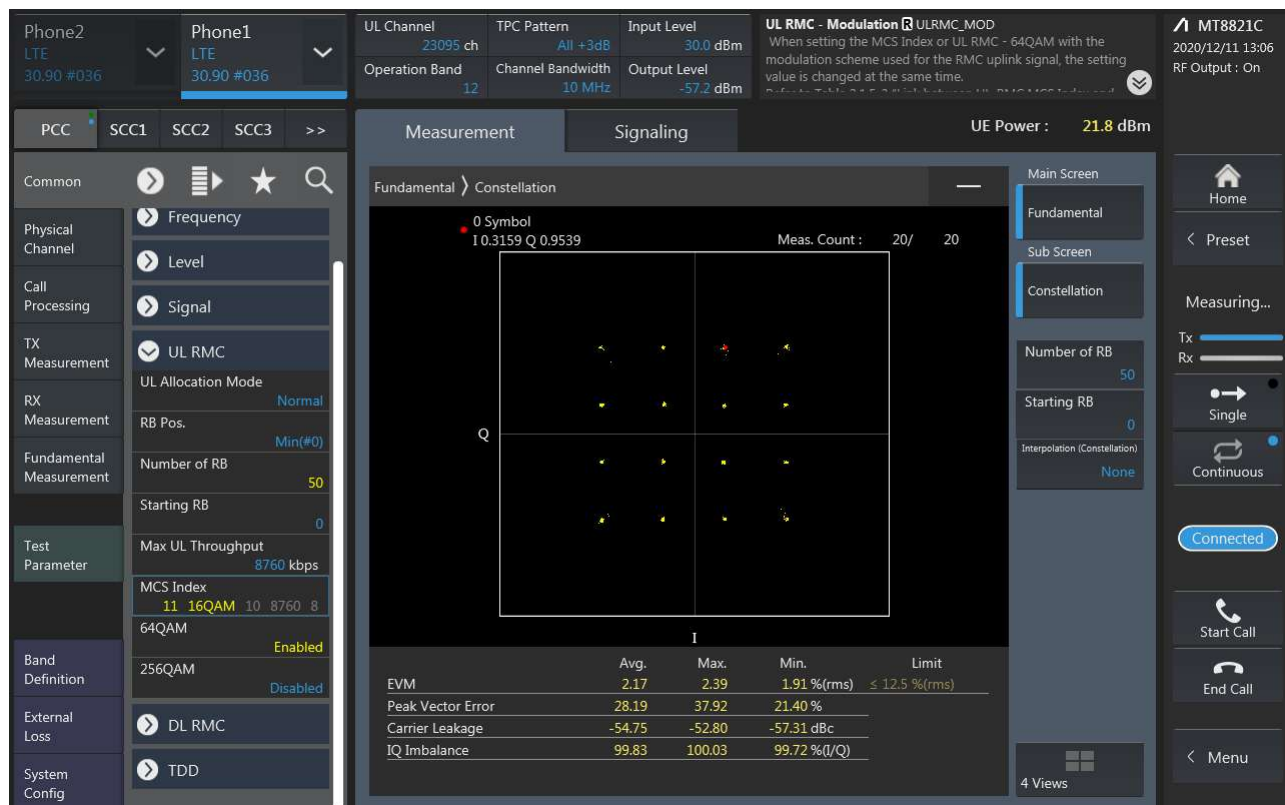
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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



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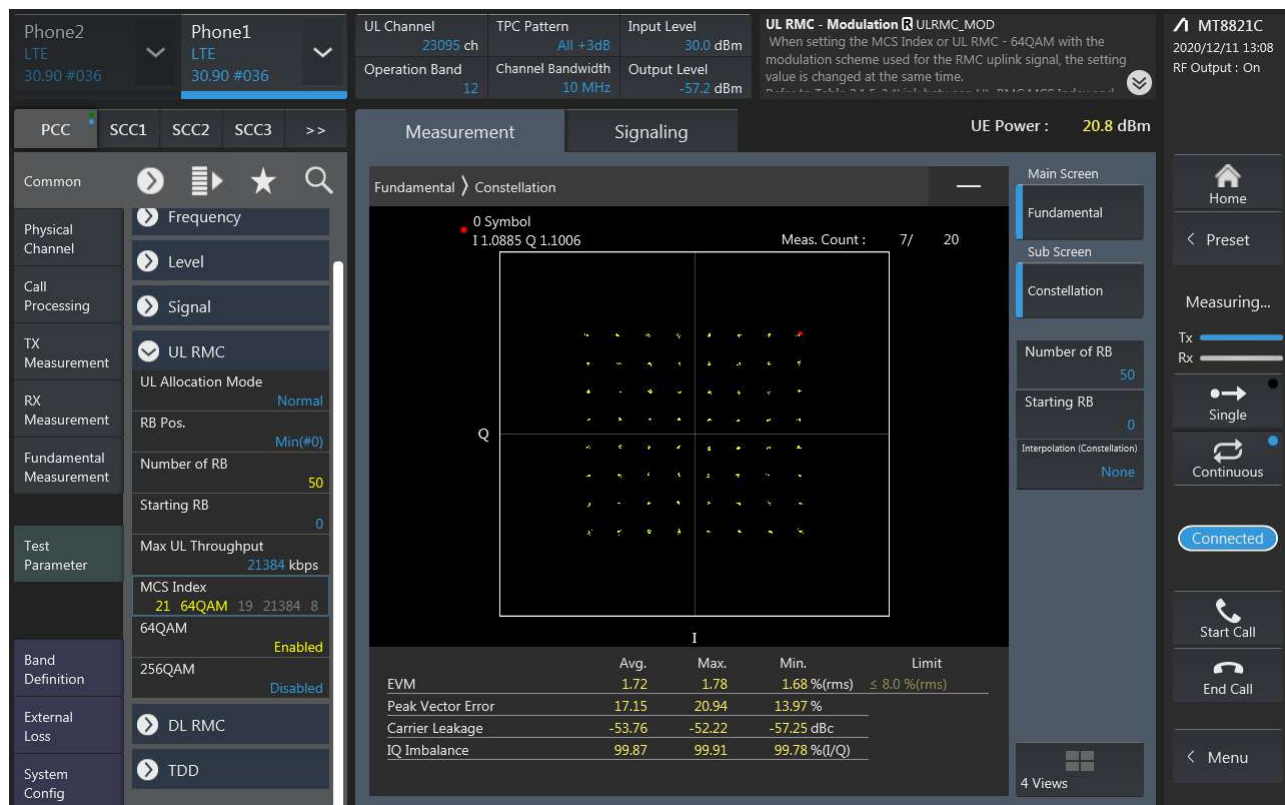
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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. 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
Band12	1.4MHz	QPSK	23017	6RB#0	1.091	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.233	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.088	1.245	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.091	1.233	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.091	1.245	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.091	1.242	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.085	1.236	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.085	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.091	1.227	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	3.012	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.691	3.012	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.697	3.012	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.685	3.000	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.685	2.994	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.691	3.012	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.685	2.982	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.685	2.976	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.685	2.994	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	4.900	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.900	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.466	4.900	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.476	4.890	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.890	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.466	4.880	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	4.920	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.486	4.920	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.486	4.910	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.911	9.660	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.911	9.660	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.891	9.600	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.931	9.620	PASS



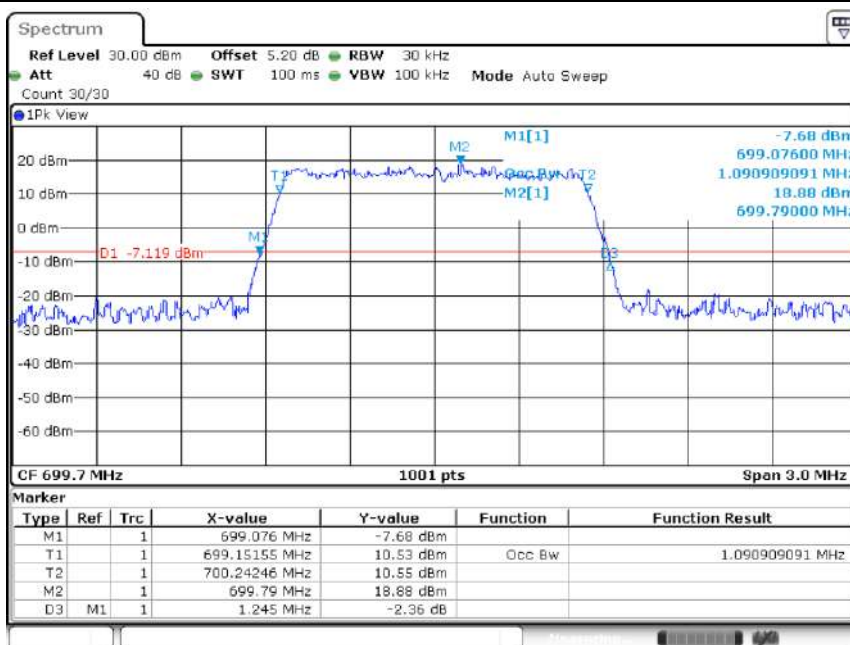
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Band12	10MHz	64QAM	23130	50RB#0	8.891	9.600	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.891	9.620	PASS

4.2. Test Plots

Band12-1.4MHz-QPSK-23017-6RB#0-1.091



Date: 10 DEC. 2020 15:56:36



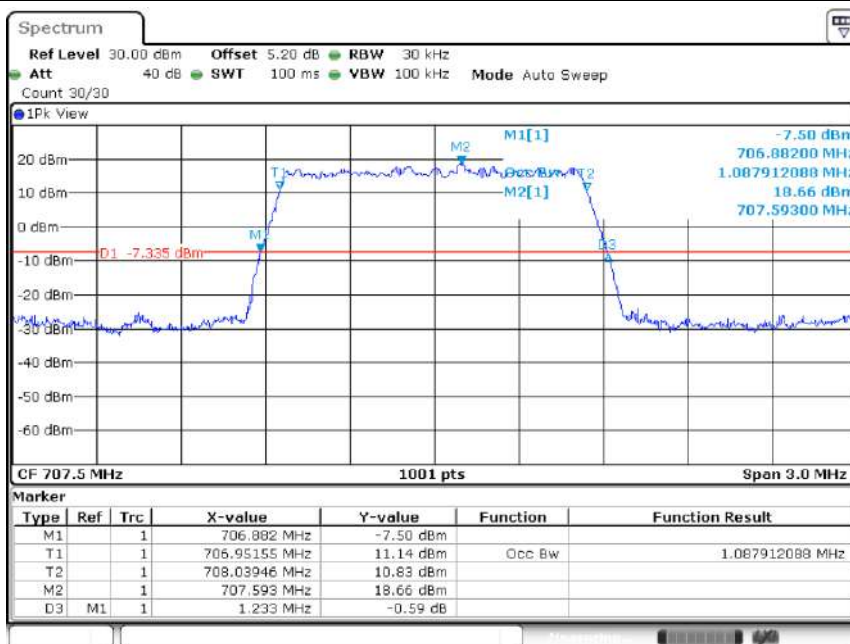
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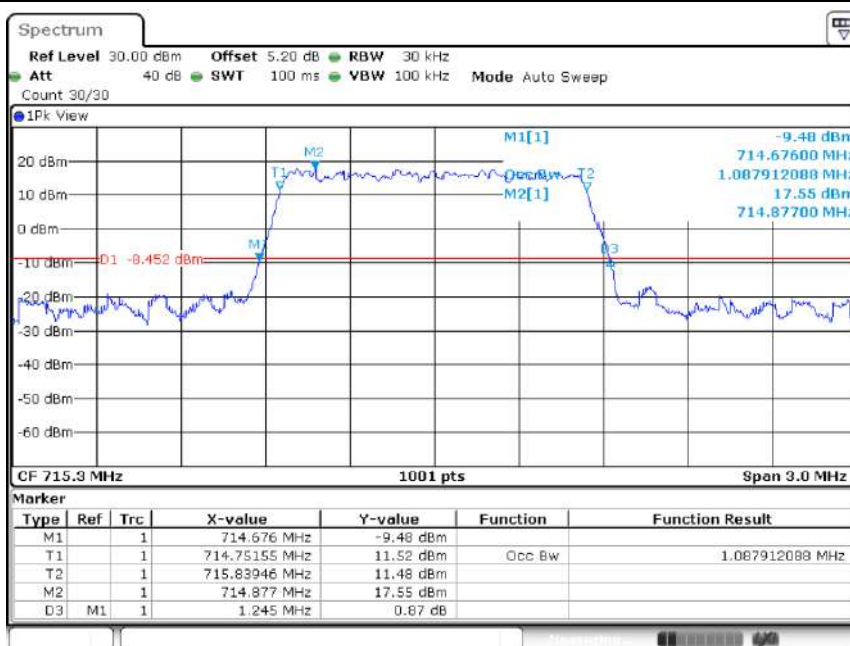
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Band12-1.4MHz-QPSK-23095-6RB#0-1.088



Date: 10 DEC. 2020 15:57:02

Band12-1.4MHz-QPSK-23173-6RB#0-1.088



Date: 10 DEC. 2020 15:57:28

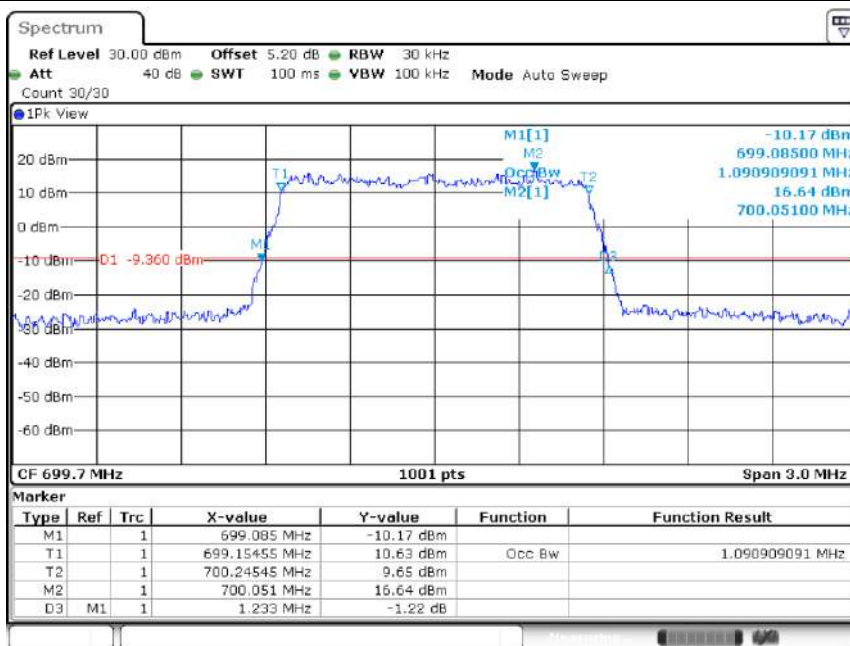


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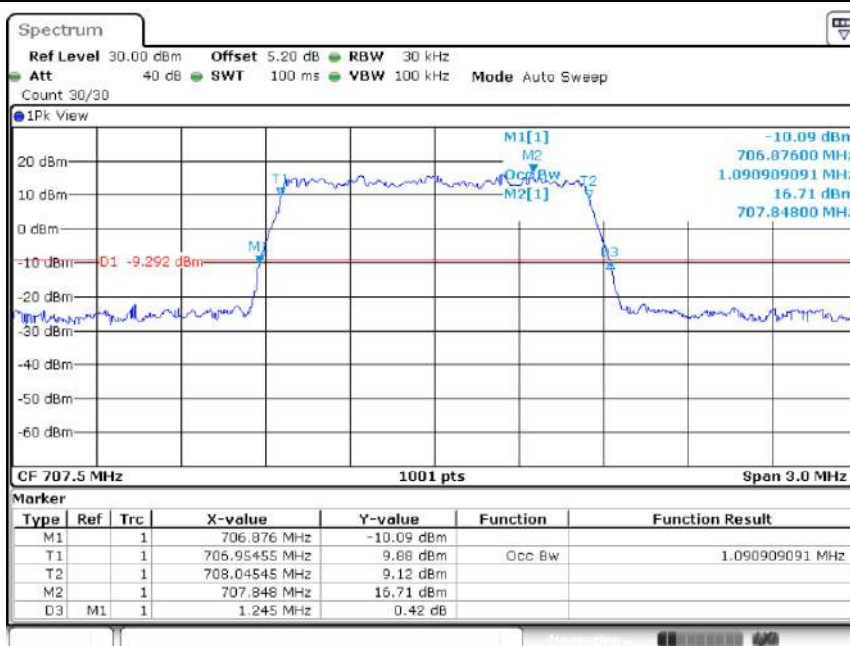
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Band12-1.4MHz-64QAM-23017-6RB#0-1.091



Date: 10 DEC. 2020 16:58:37

Band12-1.4MHz-64QAM-23095-6RB#0-1.091



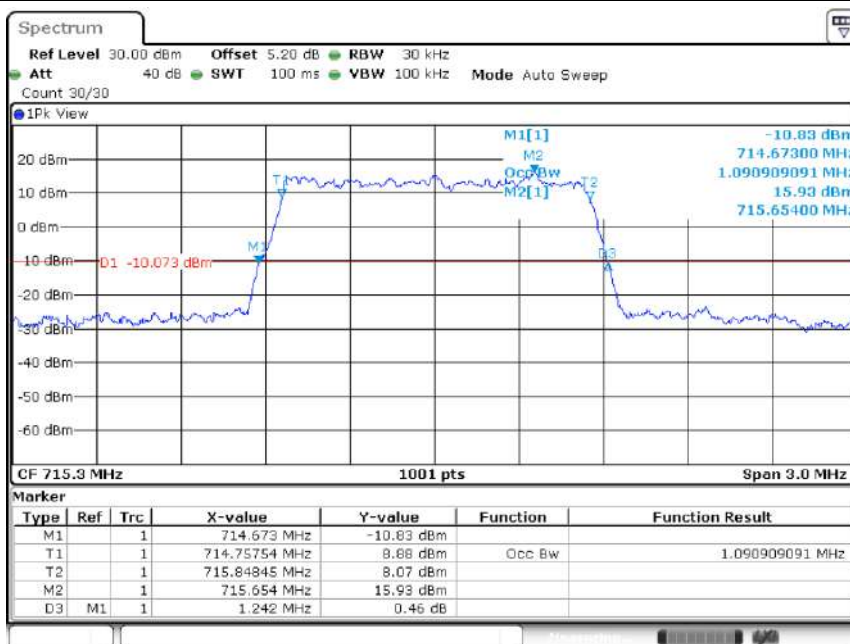
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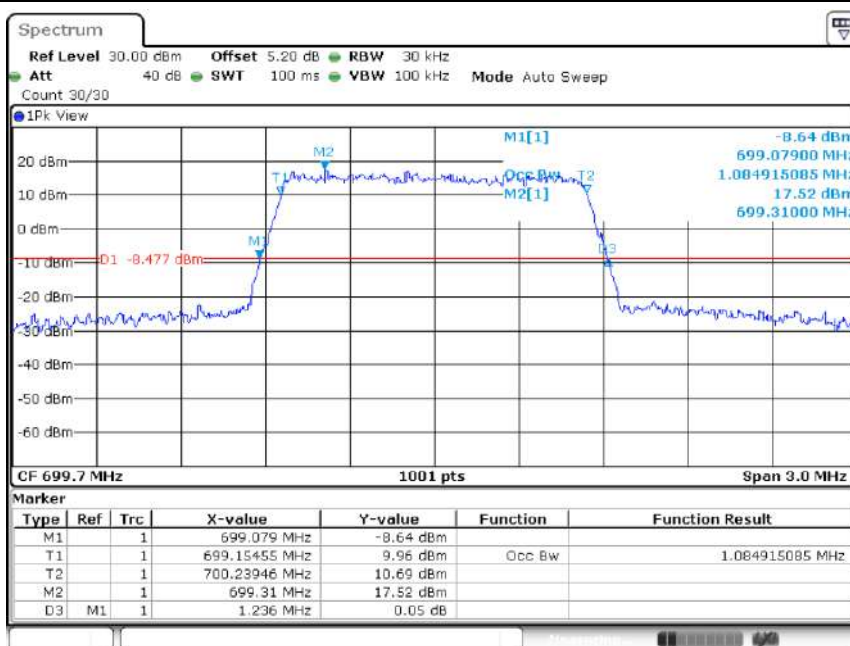
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Band12-1.4MHz-64QAM-23173-6RB#0-1.091



Date: 10 DEC. 2020 16:59:03

Band12-1.4MHz-16QAM-23017-6RB#0-1.085



Date: 10 DEC. 2020 15:56:49



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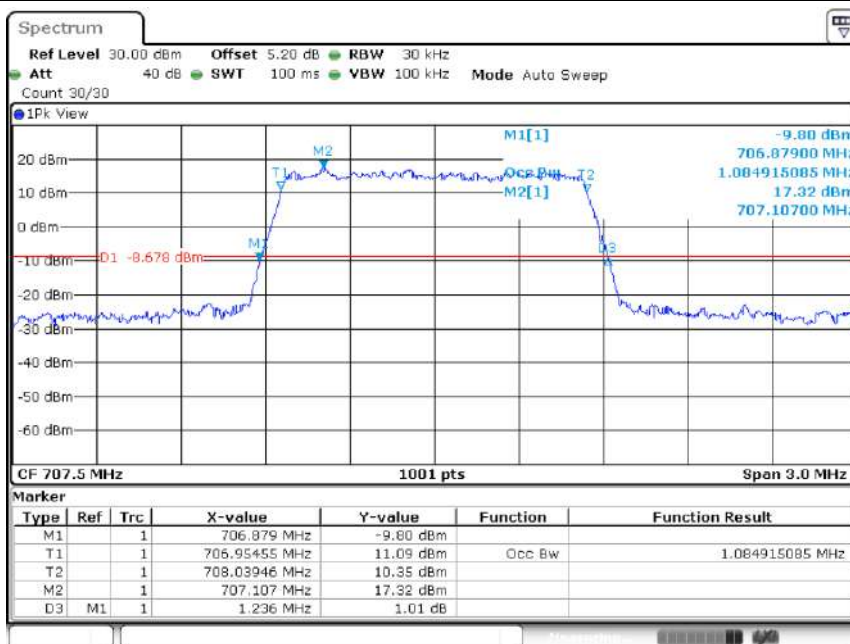
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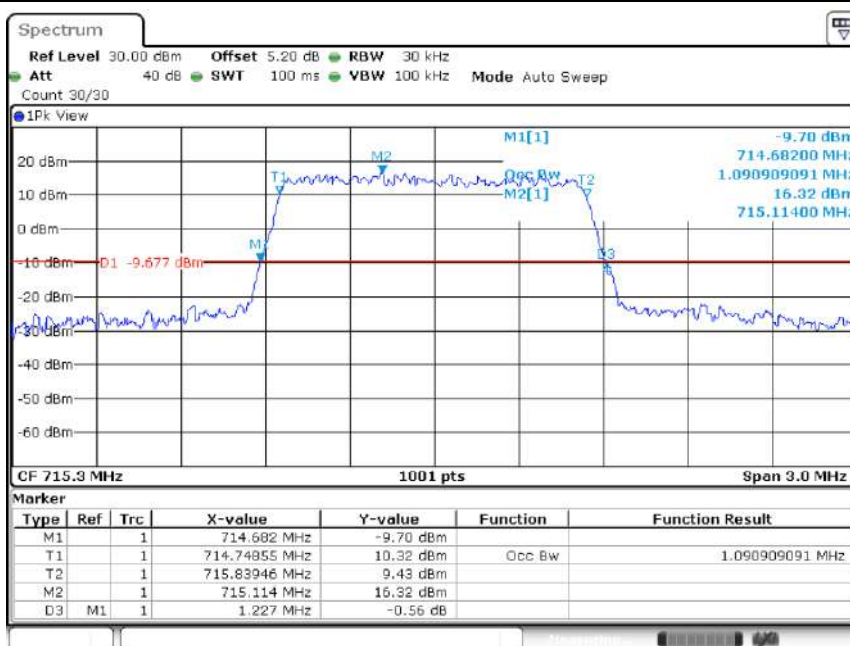
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Band12-1.4MHz-16QAM-23095-6RB#0-1.085



Date: 10 DEC. 2020 15:57:15

Band12-1.4MHz-16QAM-23173-6RB#0-1.091

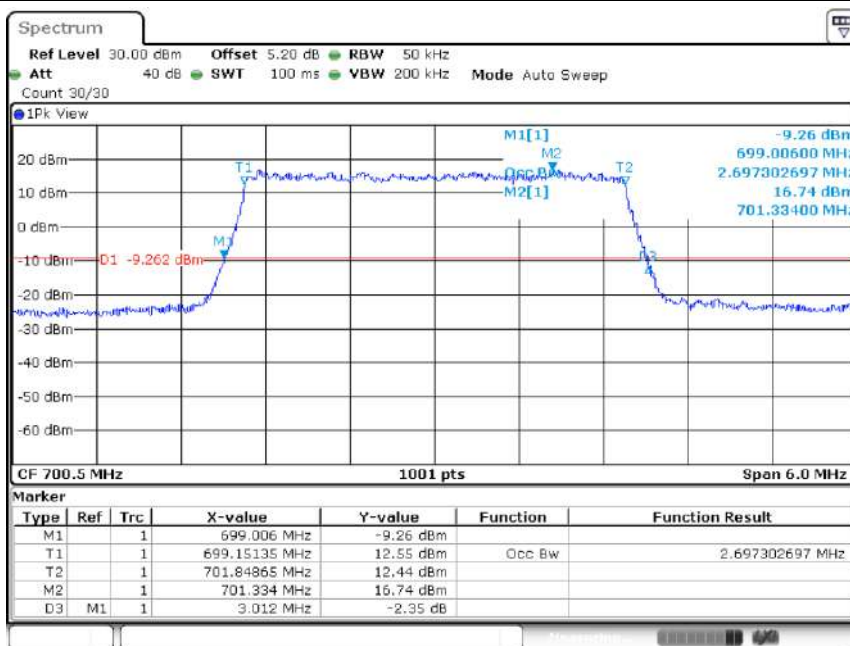


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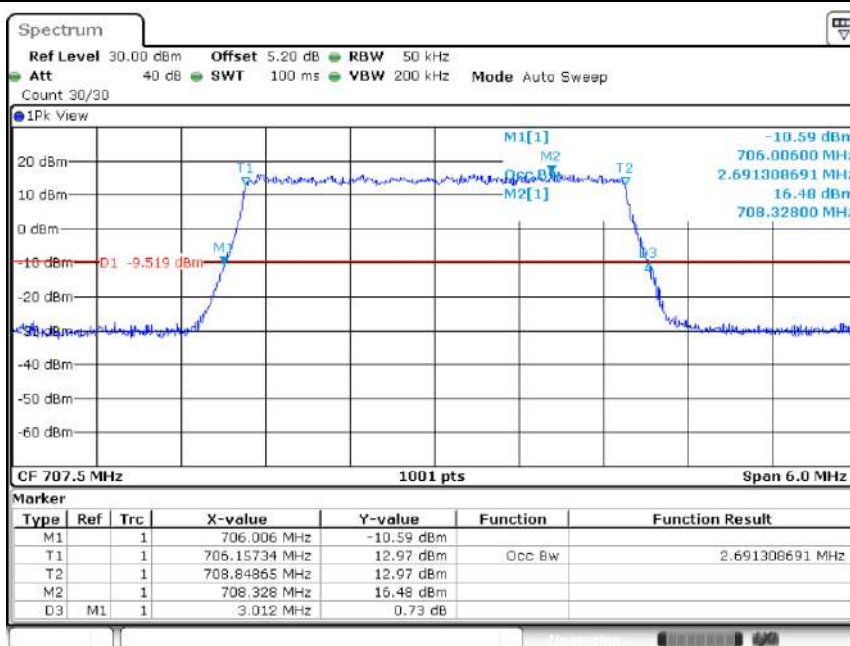
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Band12-3MHz-QPSK-23025-15RB#0-2.697



Date: 10 DEC. 2020 15:57:59

Band12-3MHz-QPSK-23095-15RB#0-2.691

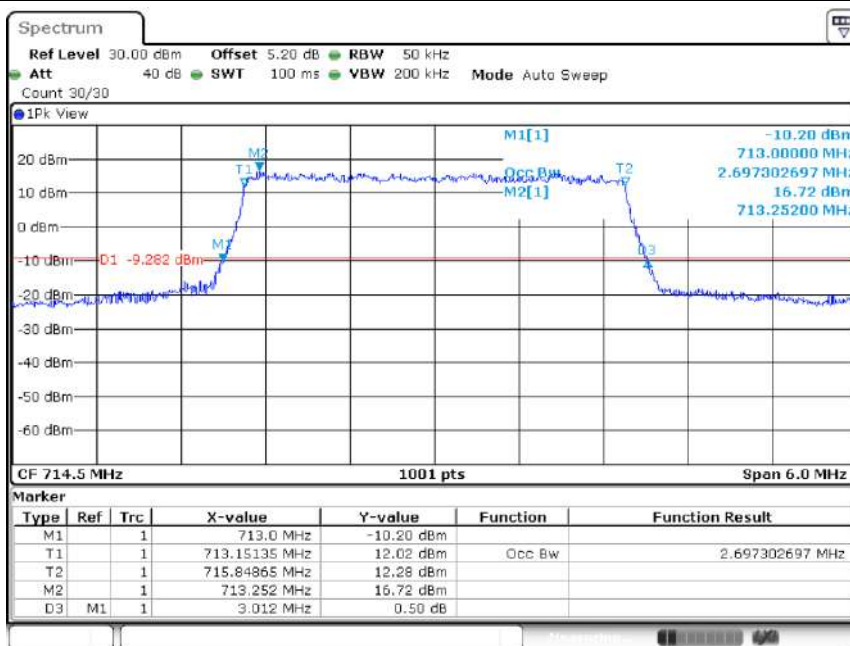


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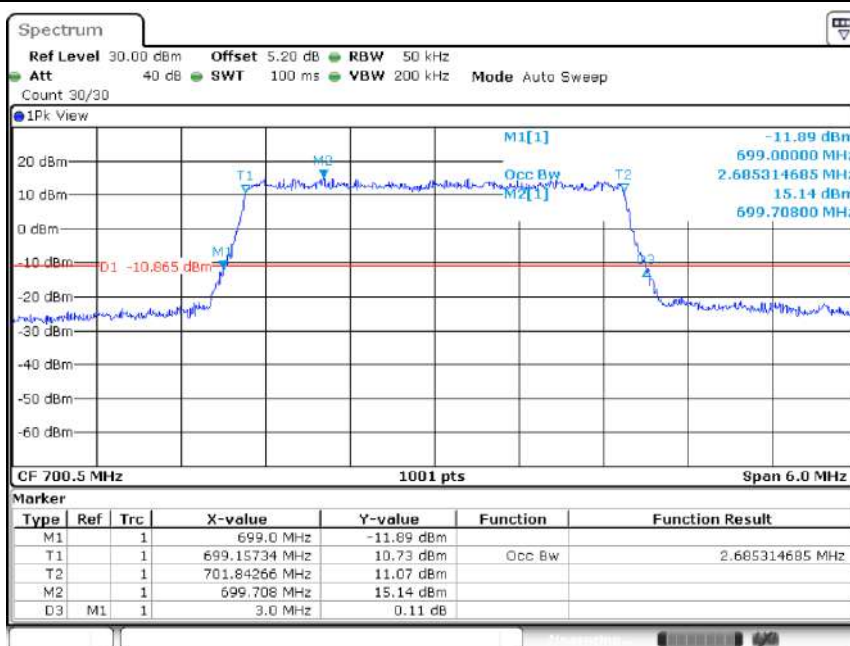
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Band12-3MHz-QPSK-23165-15RB#0-2.697



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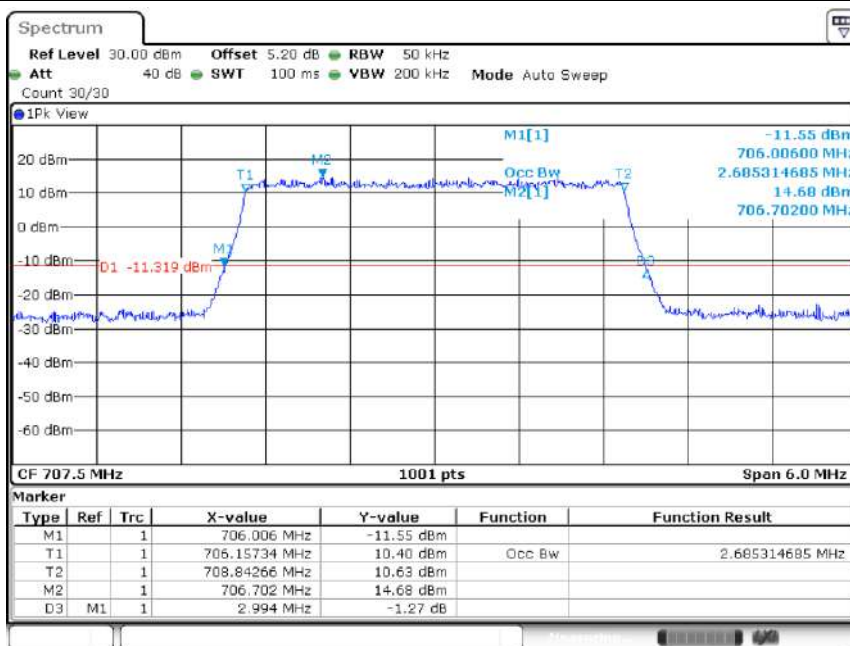
Band12-3MHz-64QAM-23025-15RB#0-2.685



Date: 10 DEC. 2020 16:59:22

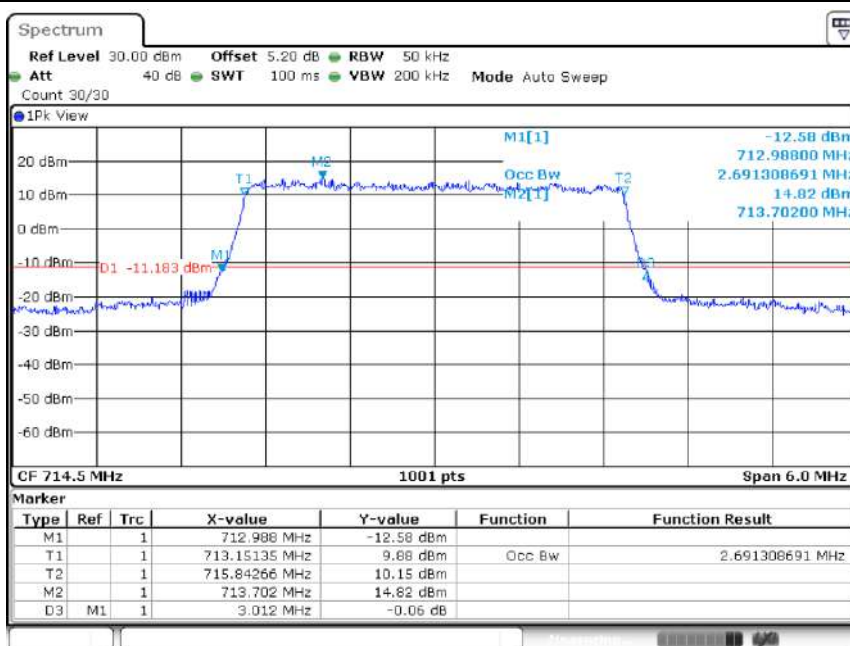


Band12-3MHz-64QAM-23095-15RB#0-2.685



Date: 10 DEC. 2020 16:59:35

Band12-3MHz-64QAM-23165-15RB#0-2.691

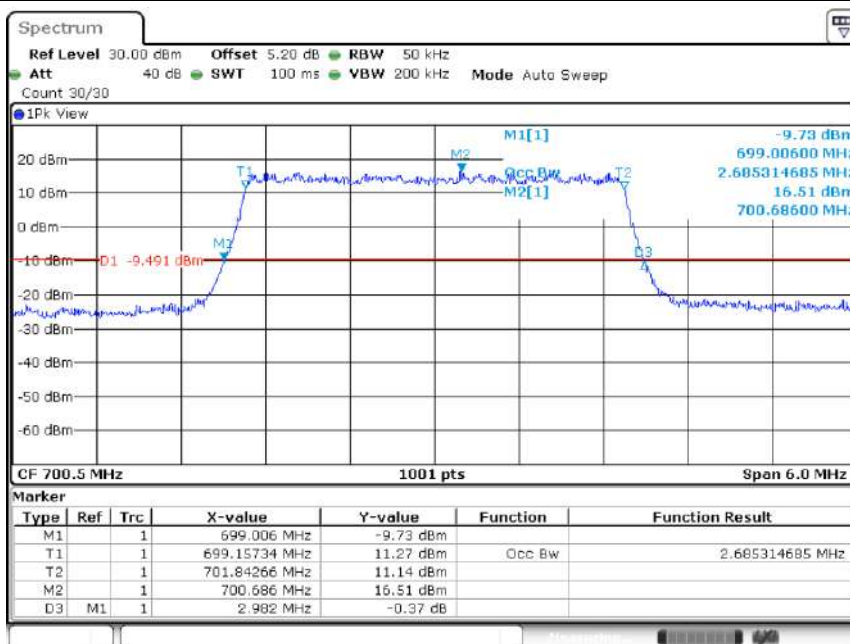


Date: 10 DEC. 2020 16:59:48



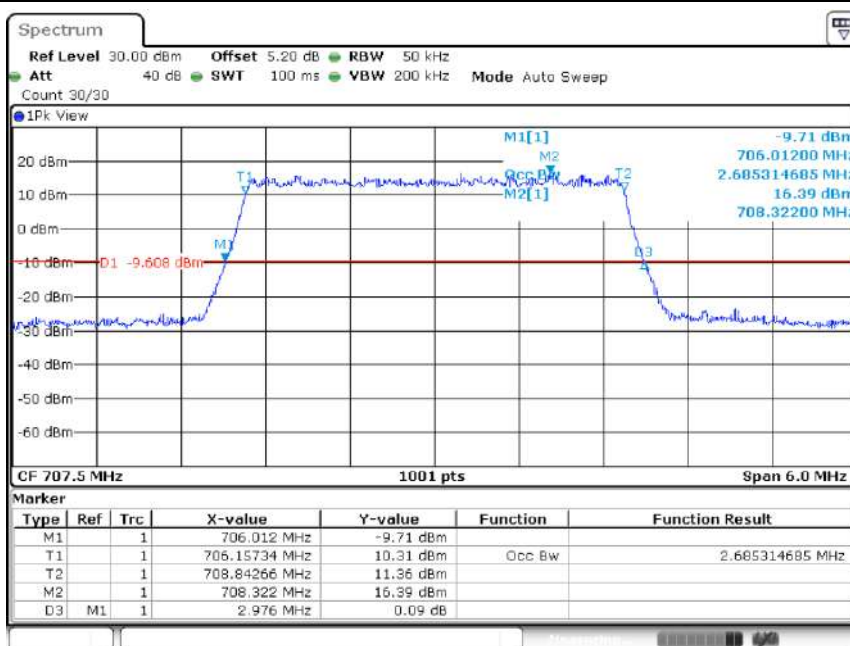
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Band12-3MHz-16QAM-23025-15RB#0-2.685



Date: 10 DEC. 2020 15:58:12

Band12-3MHz-16QAM-23095-15RB#0-2.685



Date: 10 DEC. 2020 15:58:37



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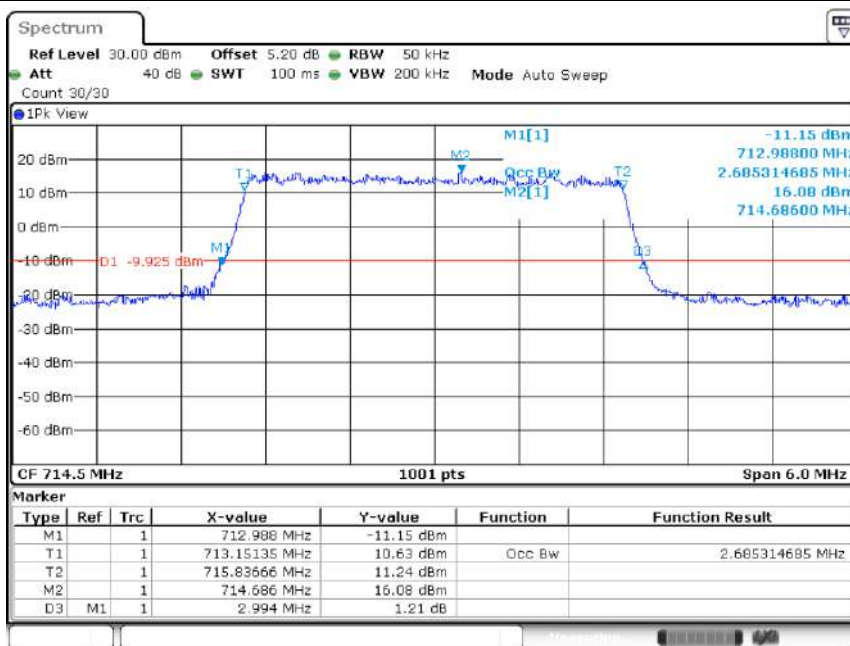
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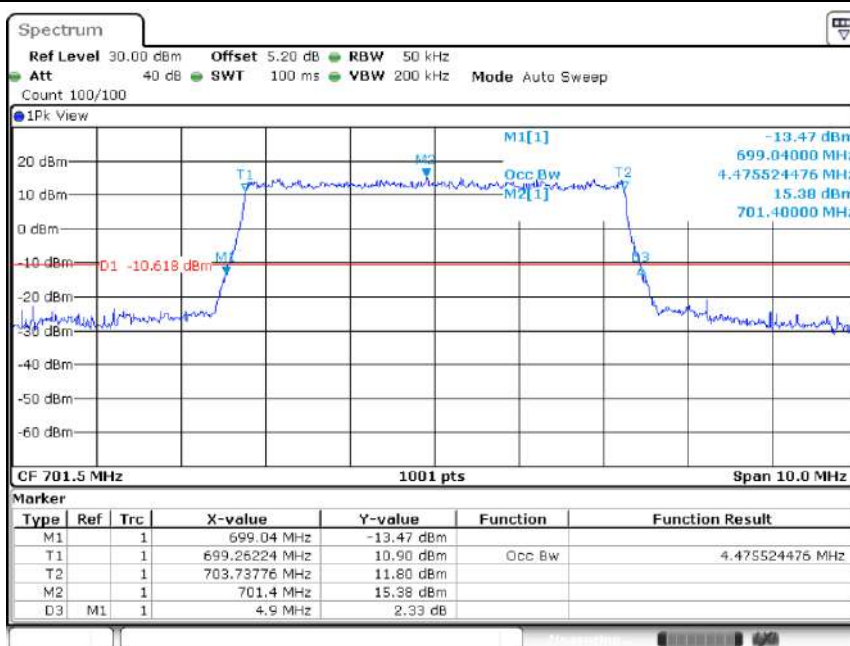
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Band12-3MHz-16QAM-23165-15RB#0-2.685



Date: 10 DEC. 2020 15:59:03

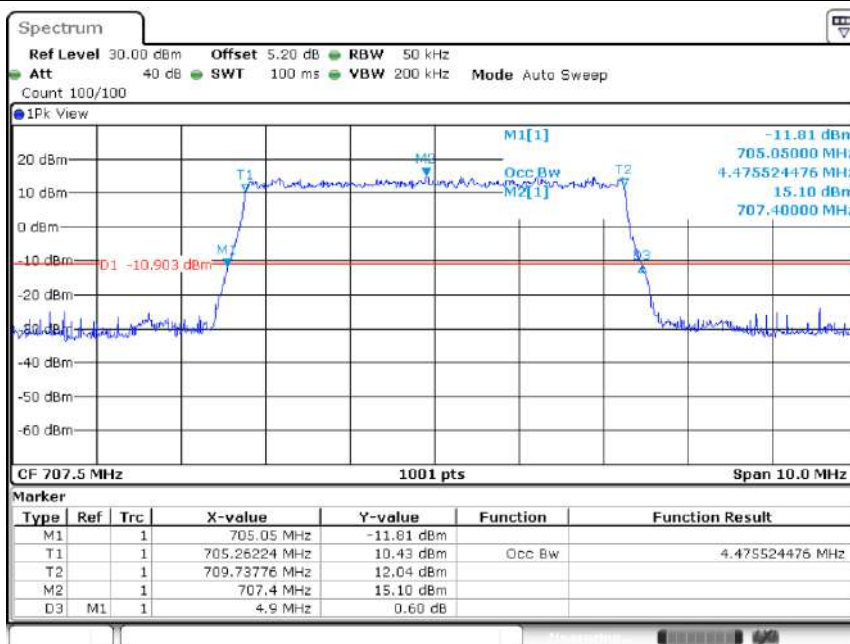
Band12-5MHz-QPSK-23035-25RB#0-4.476



Date: 10 DEC. 2020 15:59:28

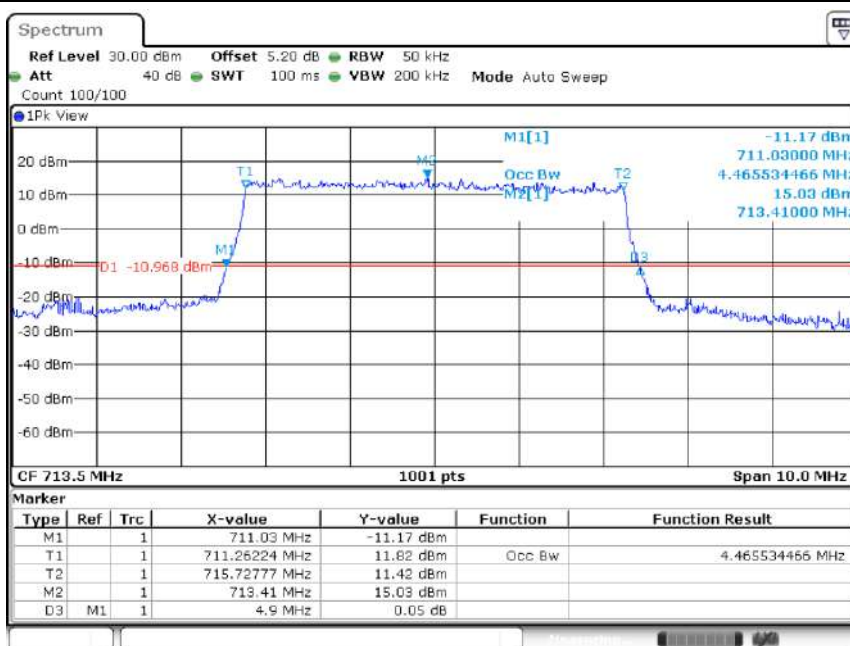


Band12-5MHz-QPSK-23095-25RB#0-4.476



Date: 10 DEC. 2020 16:00:08

Band12-5MHz-QPSK-23155-25RB#0-4.466



Date: 10 DEC. 2020 16:00:47



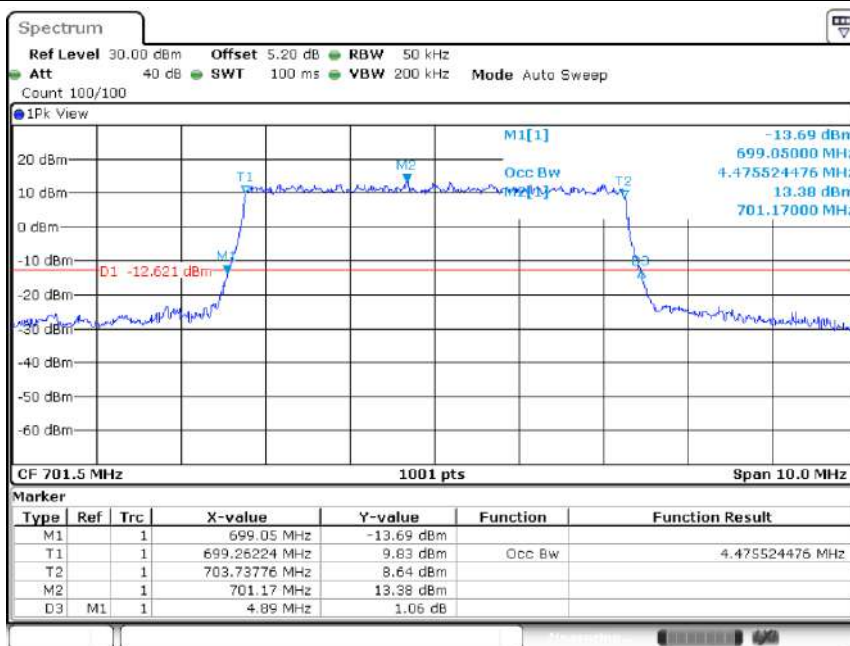
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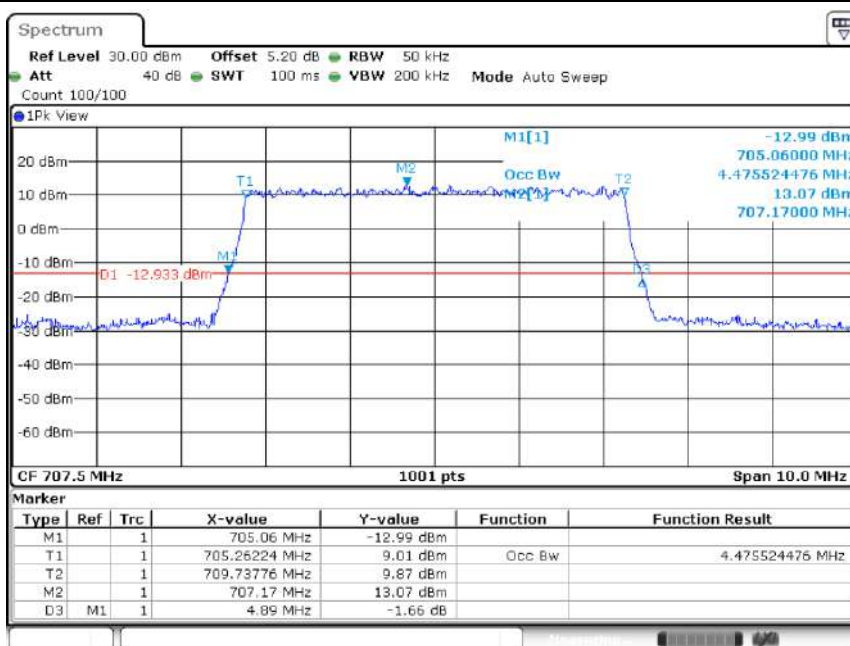
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Band12-5MHz-64QAM-23035-25RB#0-4.476



Date: 10 DEC. 2020 17:00:15

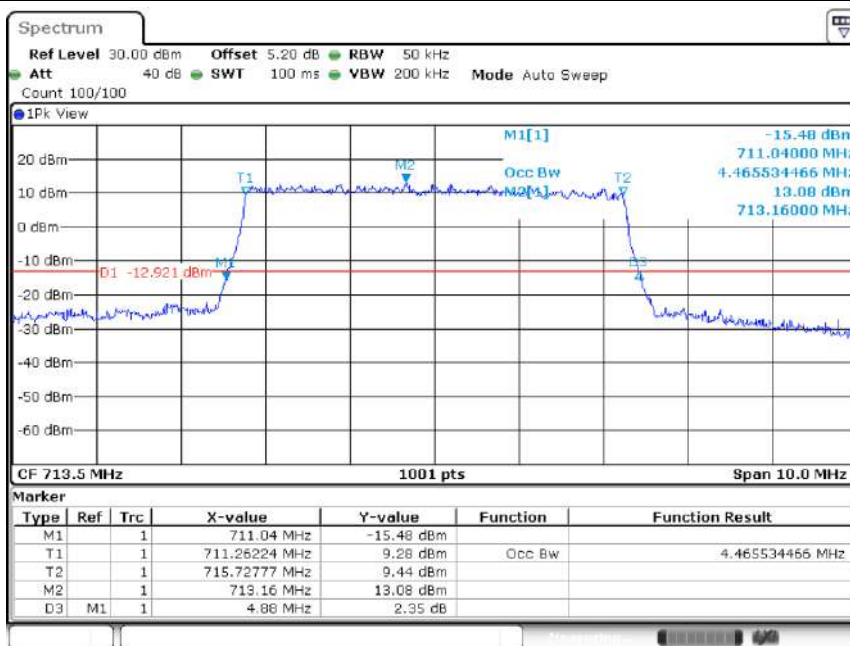
Band12-5MHz-64QAM-23095-25RB#0-4.476



Date: 10 DEC. 2020 17:00:35

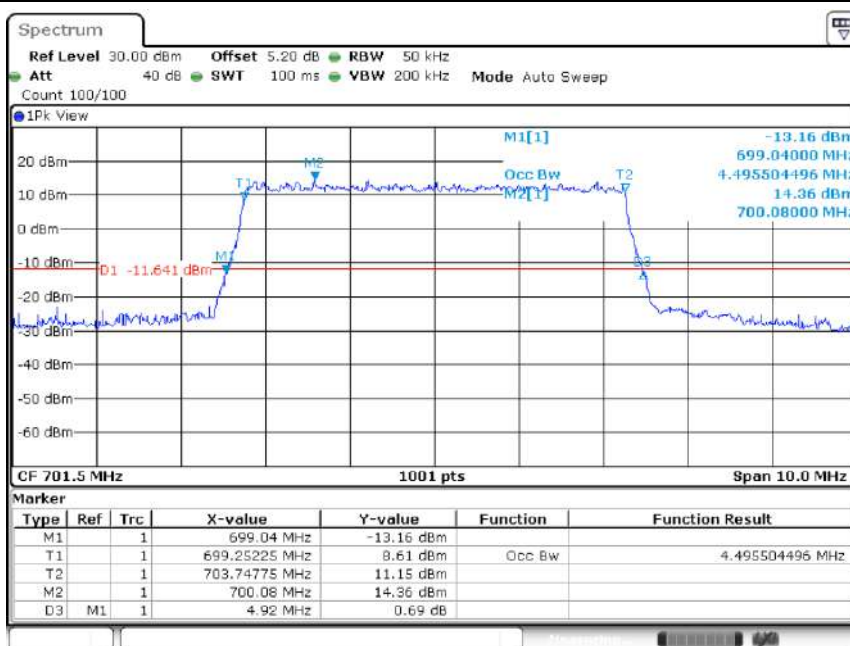


Band12-5MHz-64QAM-23155-25RB#0-4.466



Date: 10 DEC. 2020 17:00:55

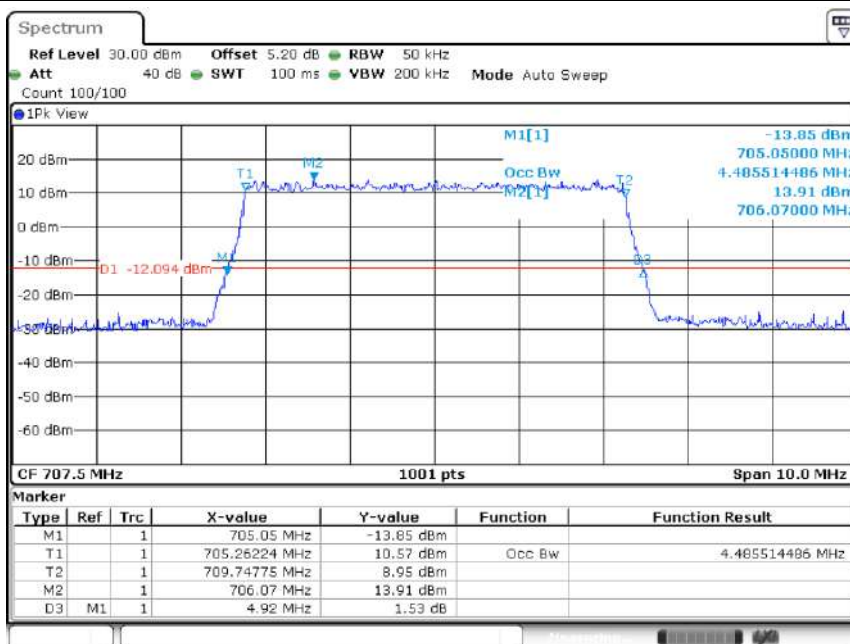
Band12-5MHz-16QAM-23035-25RB#0-4.496



Date: 10 DEC. 2020 16:59:48

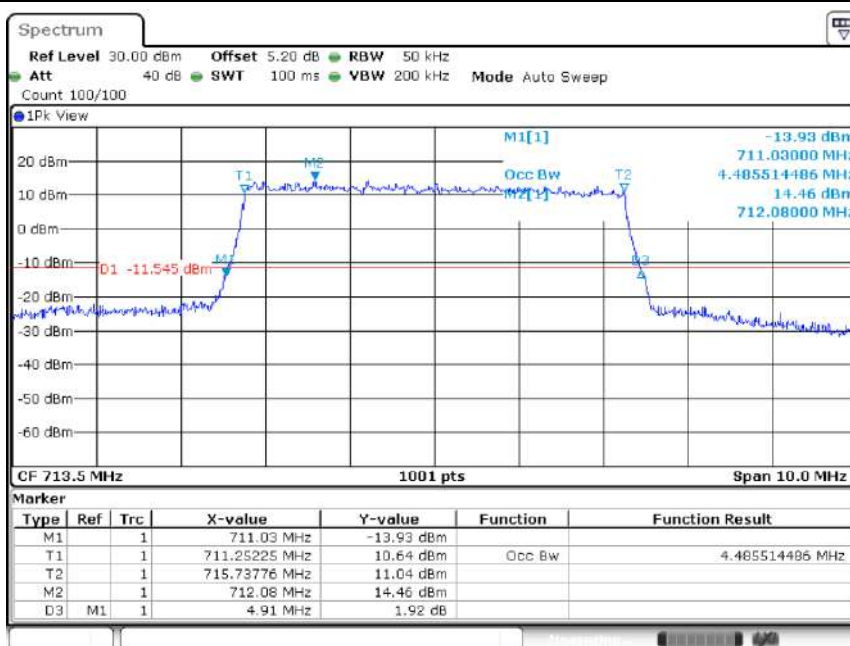


Band12-5MHz-16QAM-23095-25RB#0-4.486



Date: 10 DEC. 2020 16:00:28

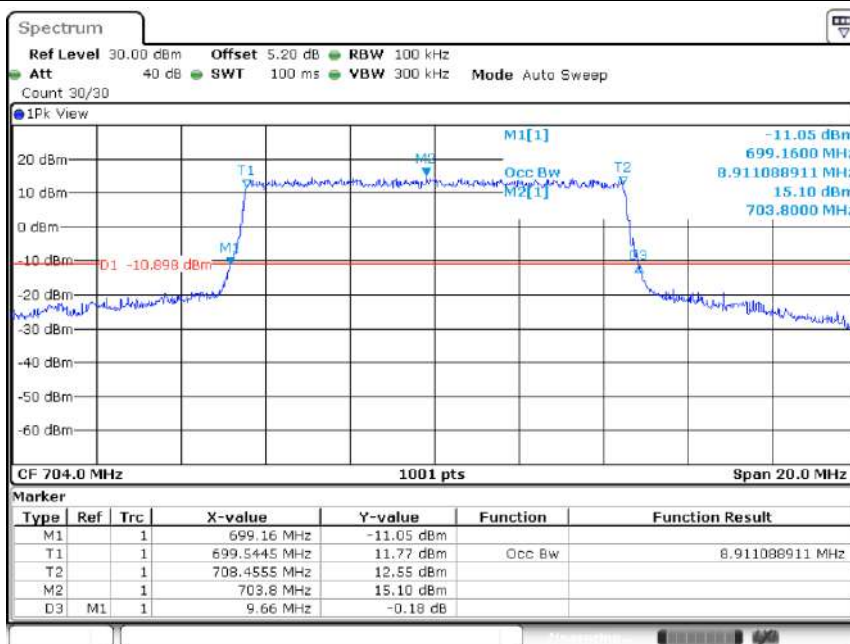
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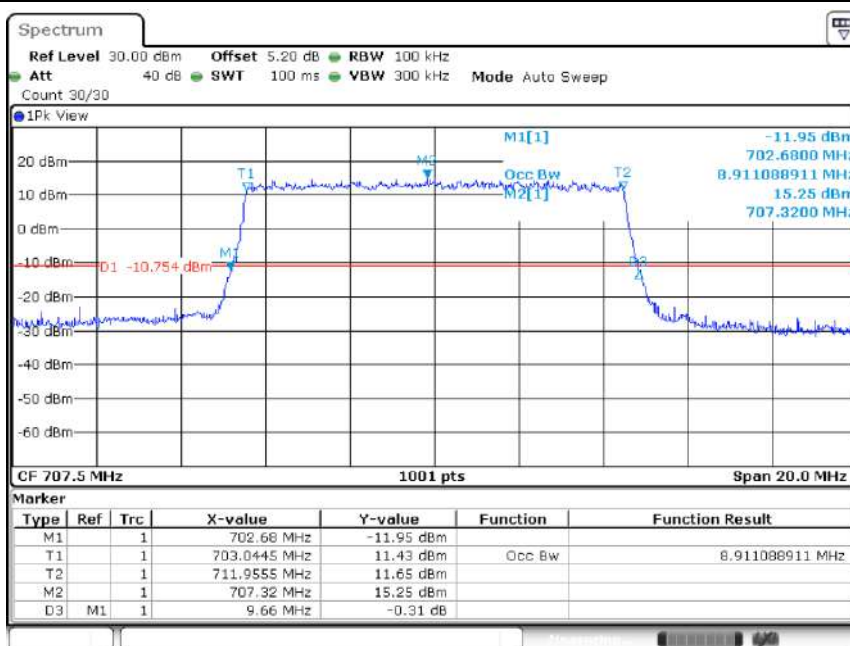
Date: 10 DEC. 2020 16:01:07



Band12-10MHz-QPSK-23060-50RB#0-8.911



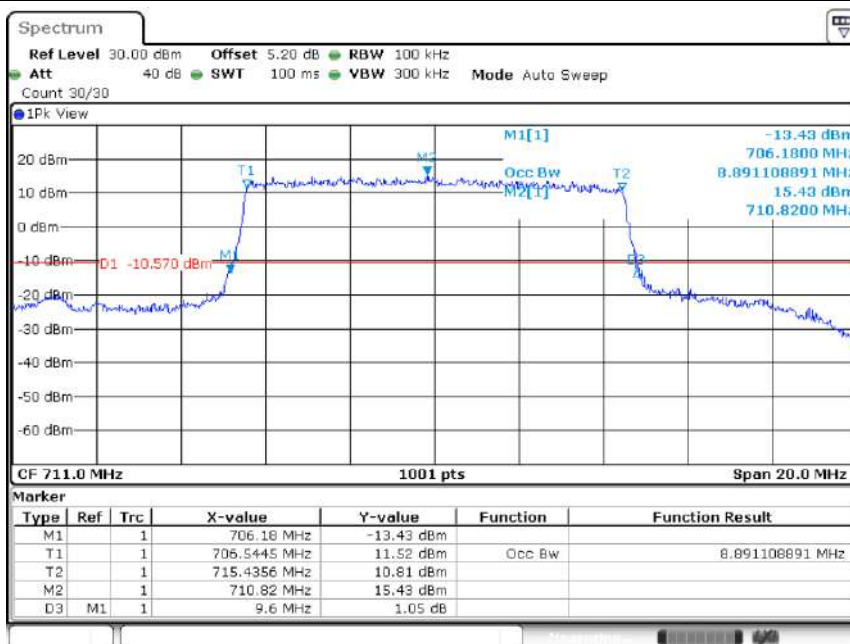
Band12-10MHz-QPSK-23095-50RB#0-8.911



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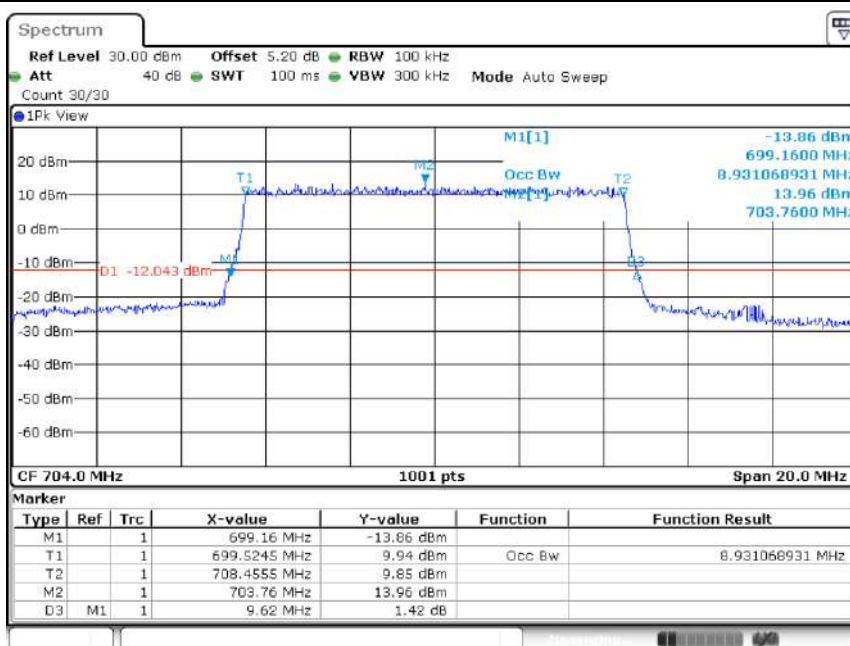
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Band12-10MHz-QPSK-23130-50RB#0-8.891



Date: 10 DEC 2020 16:02:17

Band12-10MHz-64QAM-23060-50RB#0-8.931

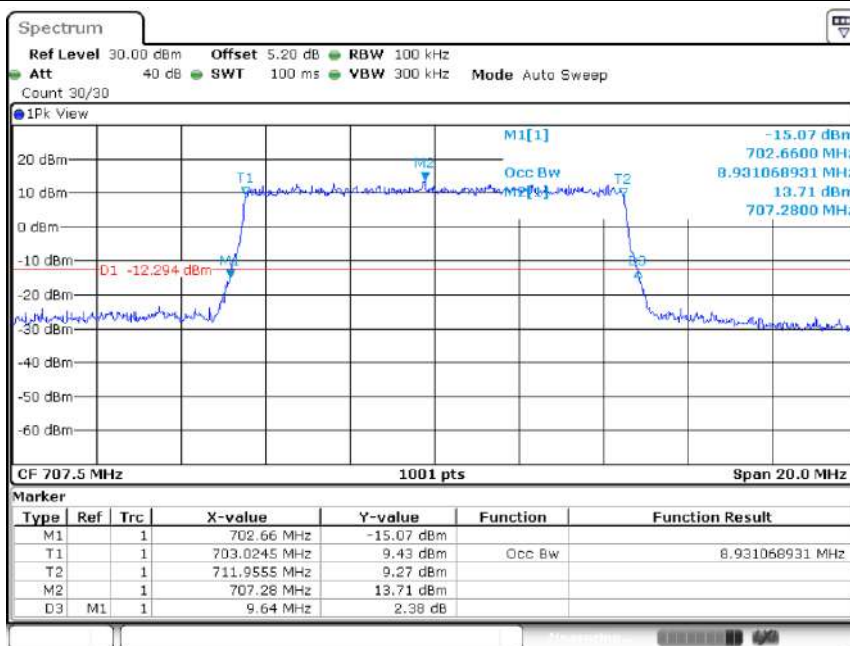


Date: 10 DEC 2020 17:01:14



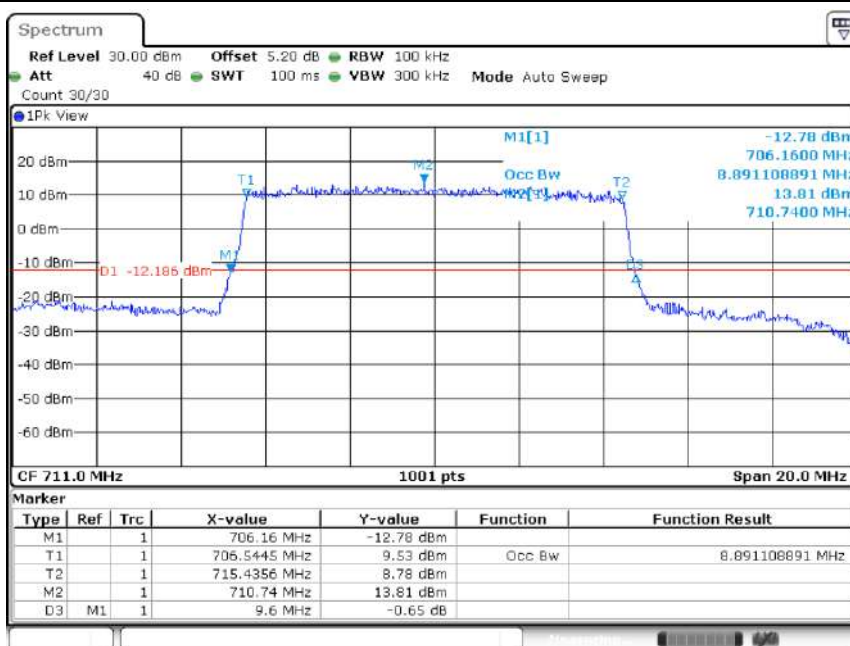
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Band12-10MHz-64QAM-23095-50RB#0-8.931



Date: 10 DEC. 2020 17:01:28

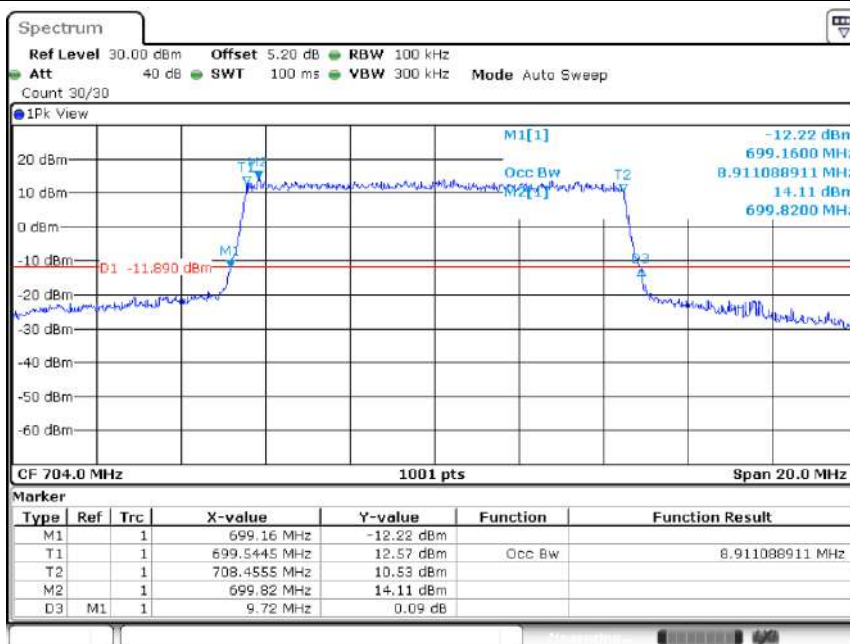
Band12-10MHz-64QAM-23130-50RB#0-8.891



Date: 10 DEC. 2020 17:01:40

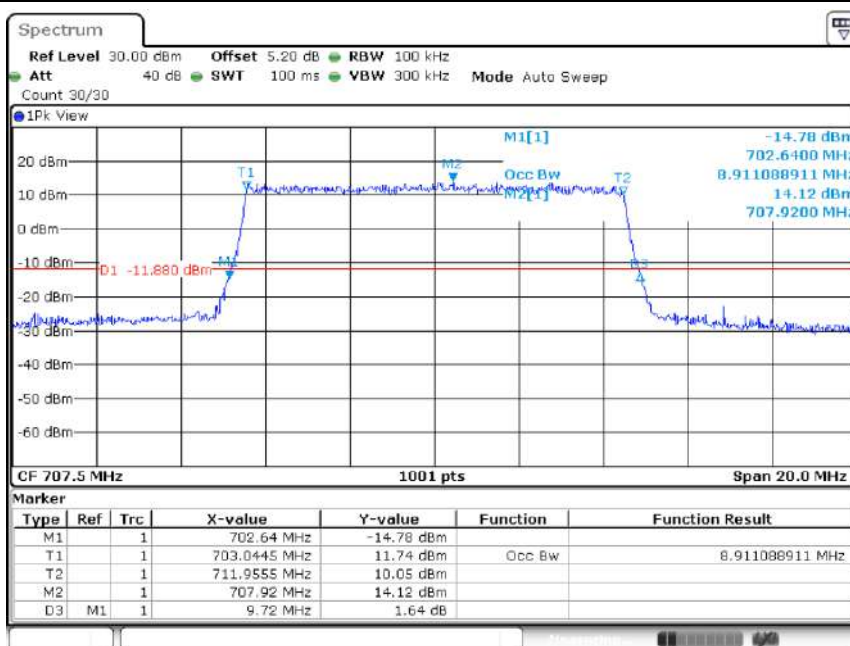


Band12-10MHz-16QAM-23060-50RB#0-8.911



Date: 10 DEC 2020 16:01:38

Band12-10MHz-16QAM-23095-50RB#0-8.911



Date: 10 DEC 2020 16:02:04

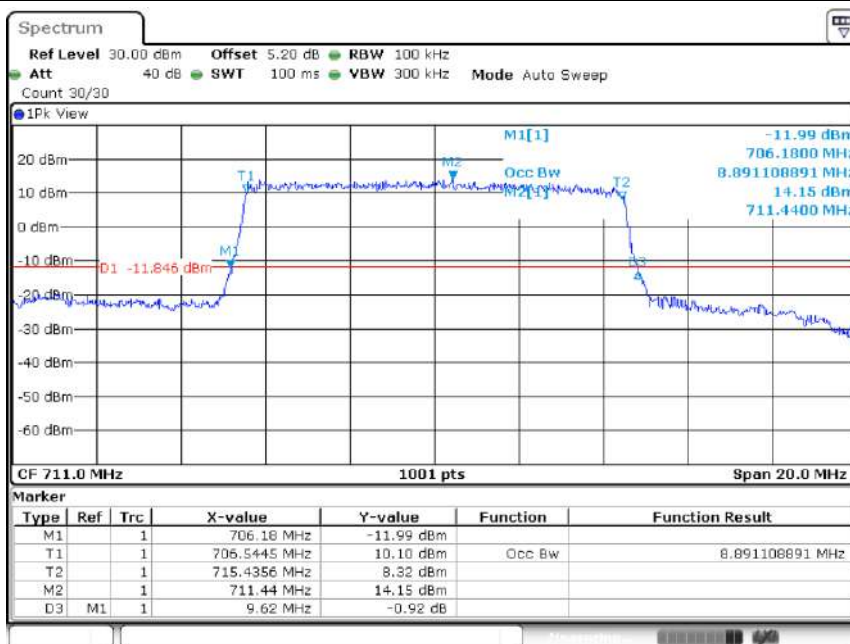


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Band12-10MHz-16QAM-23130-50RB#0-8.891

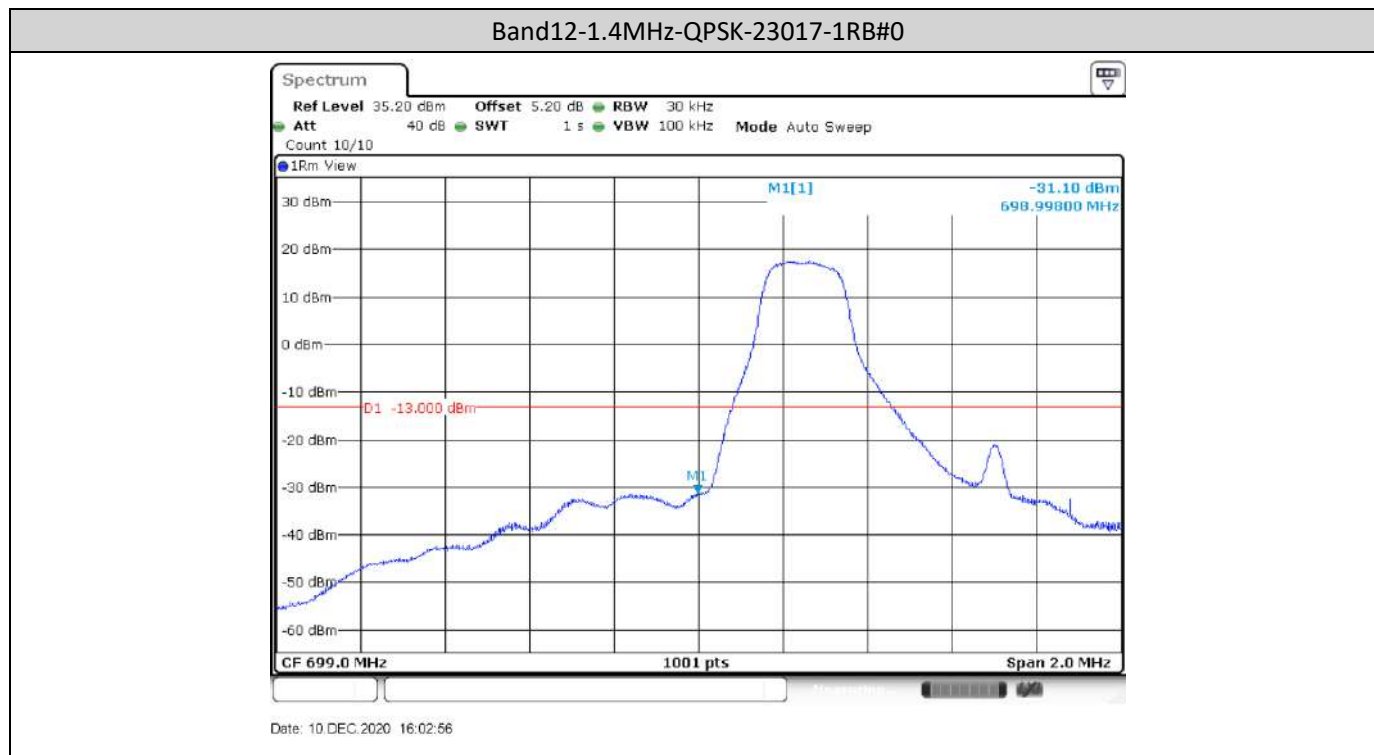


Date: 10 DEC. 2020 16:02:30



5. Band Edge Compliance

5.1. Test Plots



Band12-1.4MHz-QPSK-23017-6RB#0



Date: 10 DEC 2020 16:03:37

Band12-1.4MHz-QPSK-23173-1RB#5



Date: 10 DEC 2020 16:04:22



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Band12-1.4MHz-QPSK-23173-6RB#0



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Band12-1.4MHz-64QAM-23017-1RB#0



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Band12-1.4MHz-64QAM-23017-6RB#0



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Band12-1.4MHz-64QAM-23173-1RB#5



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Band12-1.4MHz-64QAM-23173-6RB#0



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Band12-1.4MHz-16QAM-23017-1RB#0



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Band12-1.4MHz-16QAM-23017-6RB#0



Date: 10 DEC 2020 16:03:57

Band12-1.4MHz-16QAM-23173-1RB#5



Date: 10 DEC 2020 16:04:43



Band12-1.4MHz-16QAM-23173-6RB#0



Date: 10 DEC 2020 16:05:24

Band12-3MHz-QPSK-23025-1RB#0



Date: 10 DEC 2020 16:05:50



Band12-3MHz-QPSK-23025-15RB#0



Date: 10 DEC 2020 16:06:32

Band12-3MHz-QPSK-23165-1RB#14



Date: 10 DEC 2020 16:07:17



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Band12-3MHz-QPSK-23165-15RB#0



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Band12-3MHz-64QAM-23025-1RB#0



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Band12-3MHz-64QAM-23025-15RB#0



Date: 10 DEC 2020 17:04:03

Band12-3MHz-64QAM-23165-1RB#14



Date: 10 DEC 2020 17:04:29



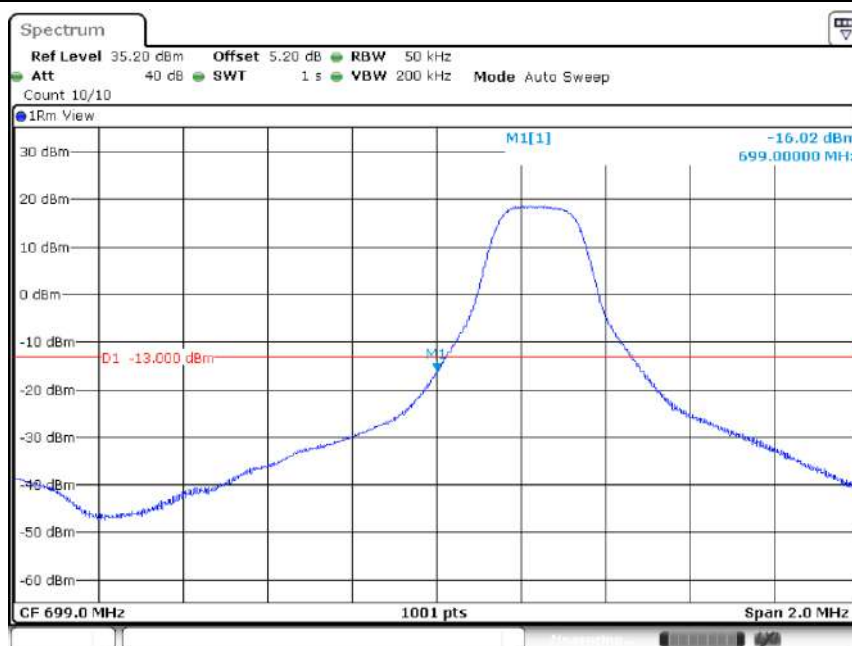
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Band12-3MHz-64QAM-23165-15RB#0



Date: 10 DEC 2020 17:04:50

Band12-3MHz-16QAM-23025-1RB#0



Date: 10 DEC 2020 16:06:11

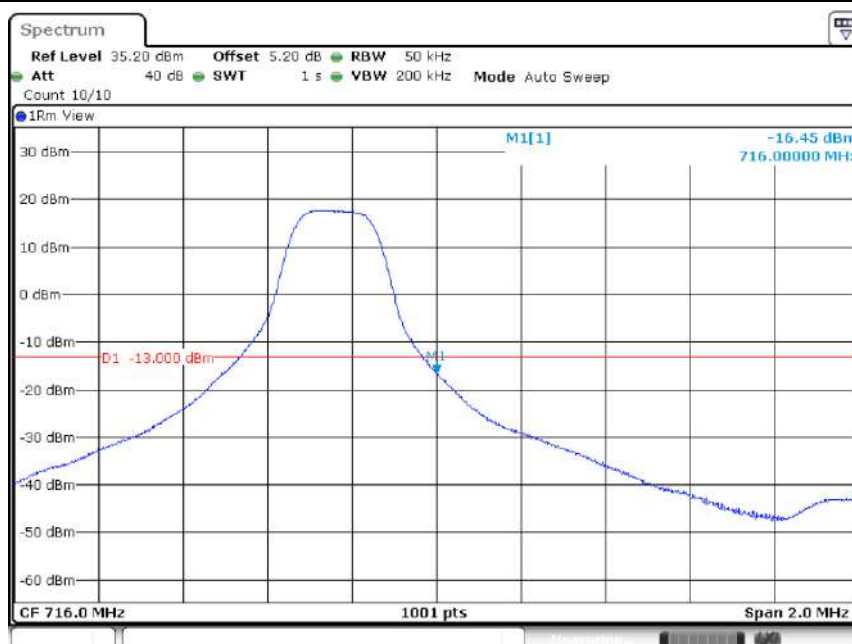


Band12-3MHz-16QAM-23025-15RB#0



Date: 10 DEC 2020 16:06:52

Band12-3MHz-16QAM-23165-1RB#14



Date: 10 DEC 2020 16:07:37



Band12-3MHz-16QAM-23165-15RB#0



Date: 10 DEC 2020 16:08:18

Band12-5MHz-QPSK-23035-1RB#0



Date: 10 DEC 2020 16:08:46



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Band12-5MHz-QPSK-23035-25RB#0



Date: 10 DEC 2020 16:09:27

Band12-5MHz-QPSK-23155-1RB#24



Date: 10 DEC 2020 16:10:12



Band12-5MHz-QPSK-23155-25RB#0



Date: 10 DEC 2020 16:10:53

Band12-5MHz-64QAM-23035-1RB#0



Date: 10 DEC 2020 17:05:17



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Band12-5MHz-64QAM-23035-25RB#0



Date: 10 DEC 2020 17:05:37

Band12-5MHz-64QAM-23155-1RB#24



Date: 10 DEC 2020 17:06:03



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Band12-5MHz-64QAM-23155-25RB#0



Date: 10 DEC 2020 17:06:24

Band12-5MHz-16QAM-23035-1RB#0



Date: 10 DEC 2020 16:09:06



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Band12-5MHz-16QAM-23035-25RB#0



Date: 10 DEC 2020 16:09:47

Band12-5MHz-16QAM-23155-1RB#24



Date: 10 DEC 2020 16:10:33



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Band12-5MHz-16QAM-23155-25RB#0



Date: 10 DEC 2020 16:11:14

Band12-10MHz-QPSK-23060-1RB#0



Date: 10 DEC 2020 16:11:40

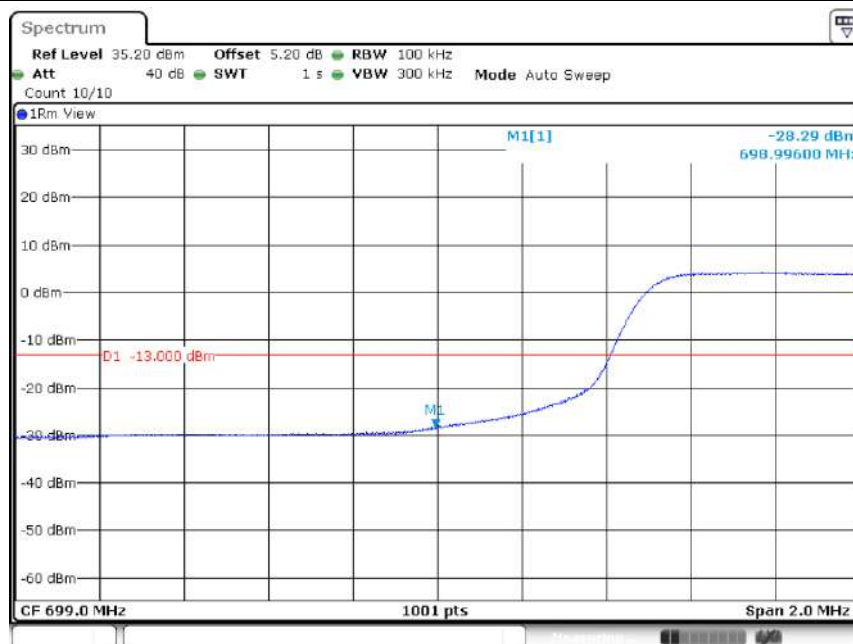


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Band12-10MHz-QPSK-23060-50RB#0



Date: 10 DEC 2020 16:12:22

Band12-10MHz-QPSK-23130-1RB#49



Date: 10 DEC 2020 16:13:07

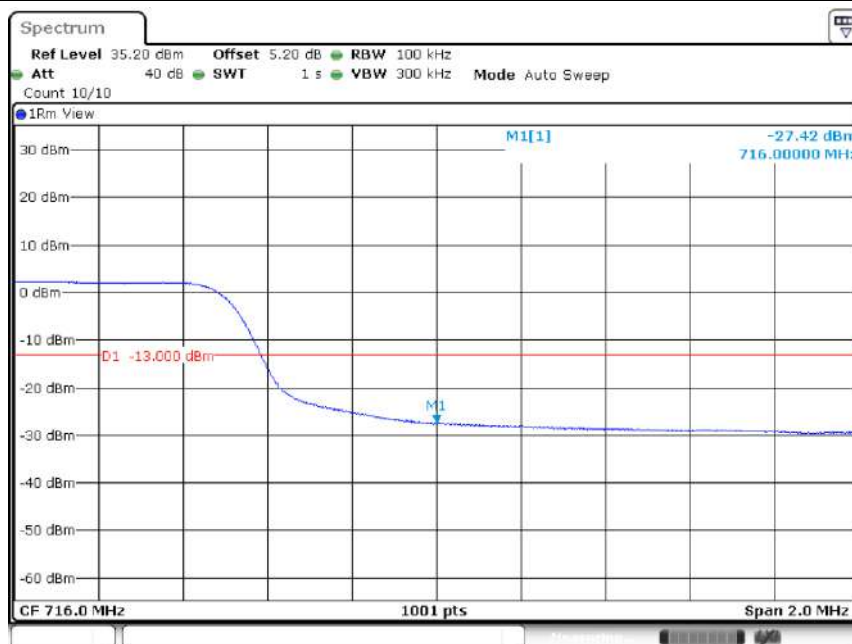


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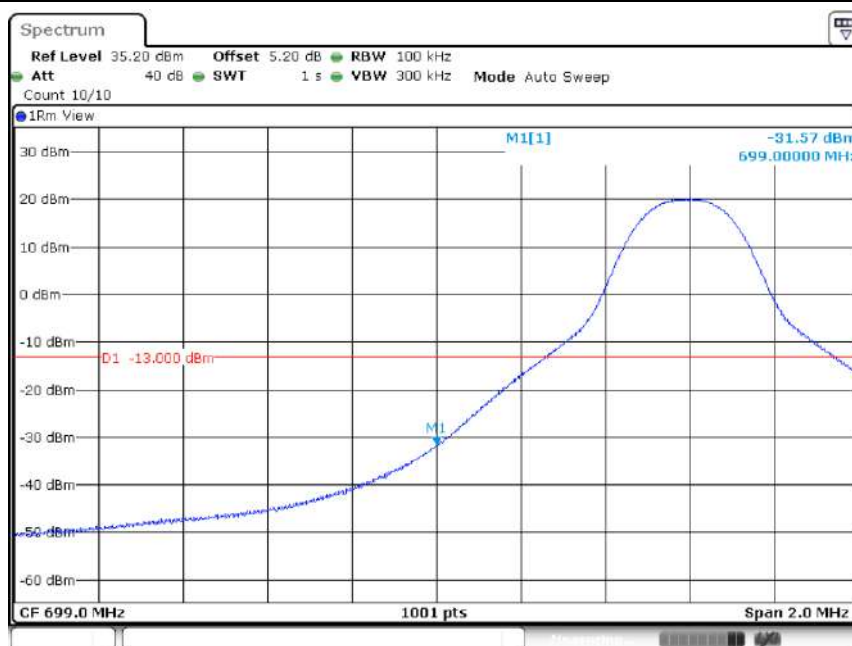
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Band12-10MHz-QPSK-23130-50RB#0



Date: 10 DEC 2020 16:13:48

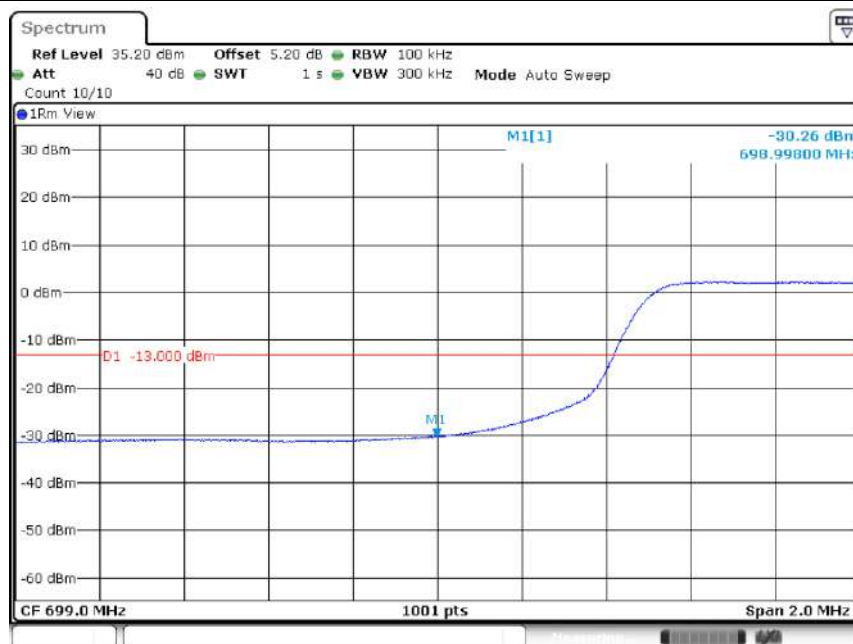
Band12-10MHz-64QAM-23060-1RB#0



Date: 10 DEC 2020 17:06:51



Band12-10MHz-64QAM-23060-50RB#0



Date: 10 DEC 2020 17:07:12

Band12-10MHz-64QAM-23130-1RB#49



Date: 10 DEC 2020 17:07:38



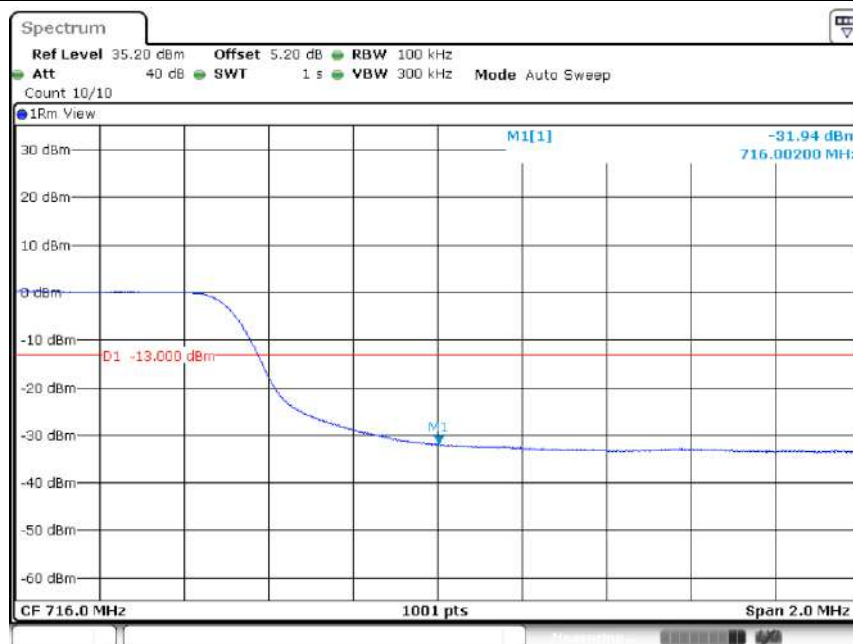
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Band12-10MHz-64QAM-23130-50RB#0



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Band12-10MHz-16QAM-23060-1RB#0



Date: 10 DEC 2020 16:12:01



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Band12-10MHz-16QAM-23060-50RB#0



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Band12-10MHz-16QAM-23130-1RB#49



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Band12-10MHz-16QAM-23130-50RB#0



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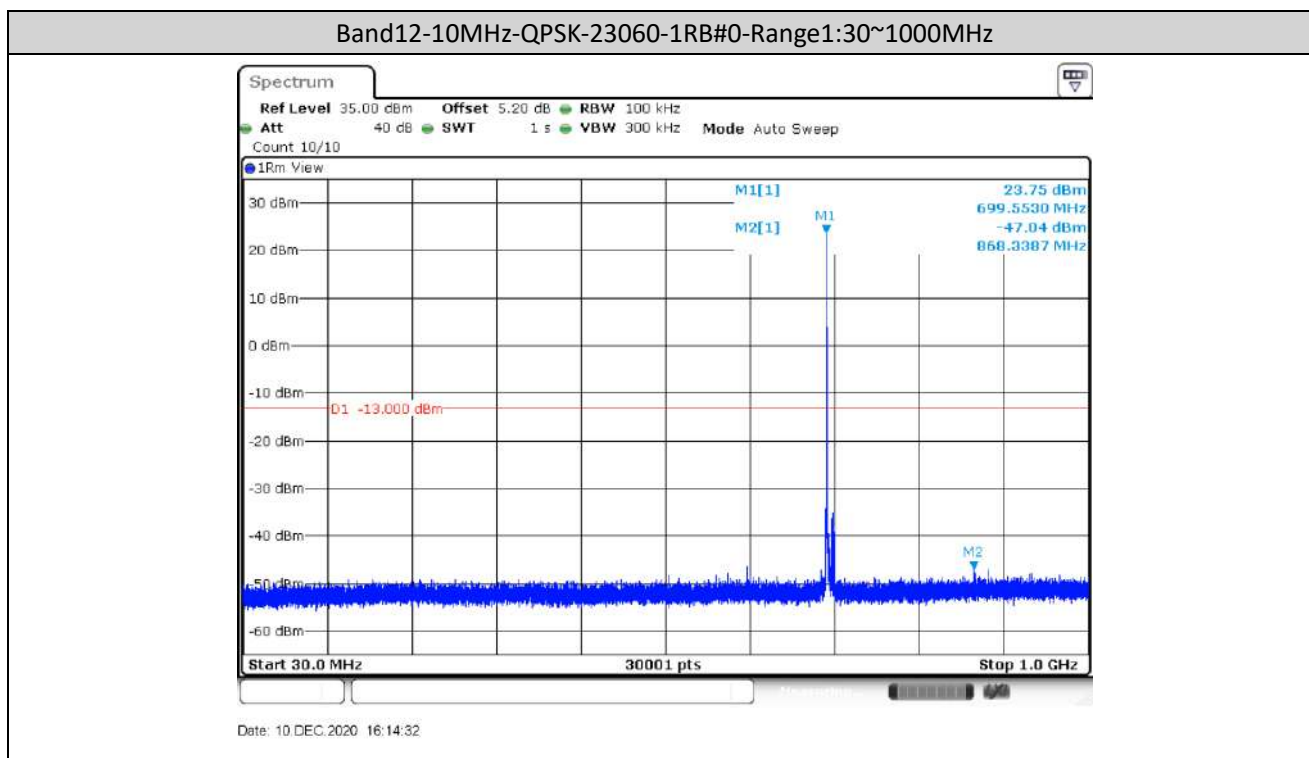
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6. Spurious Emission at Antenna Terminal

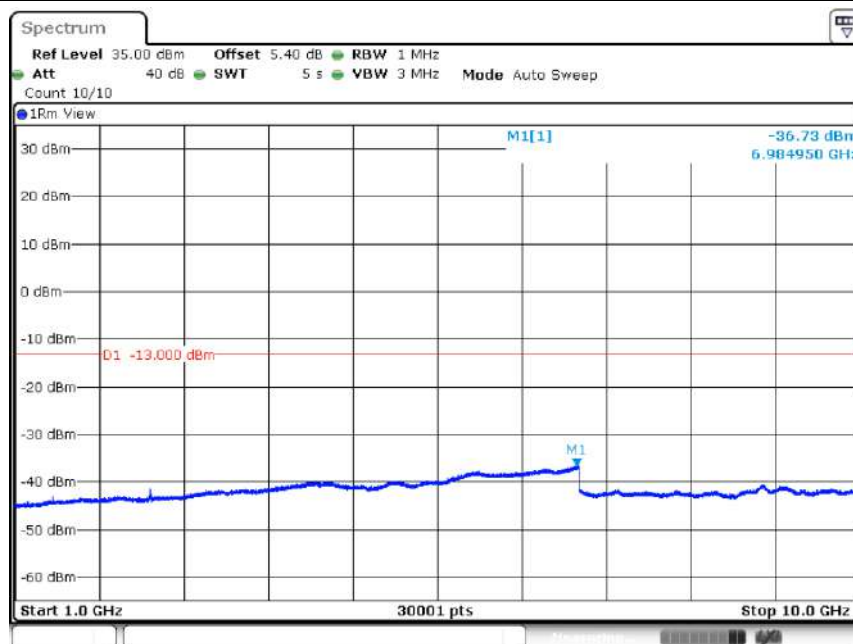
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

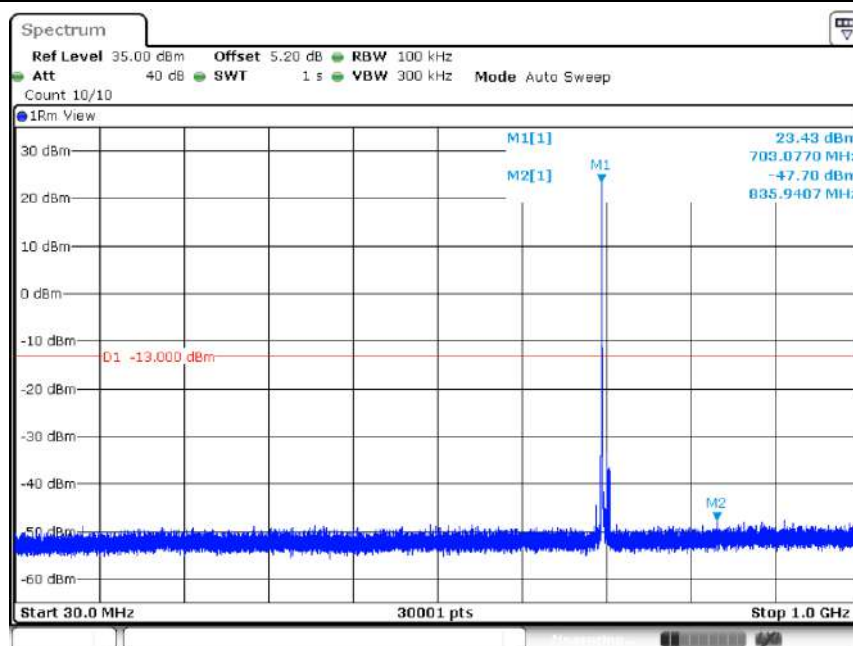


Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



Date: 10 DEC. 2020 16:15:40

Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Date: 10 DEC. 2020 16:17:27

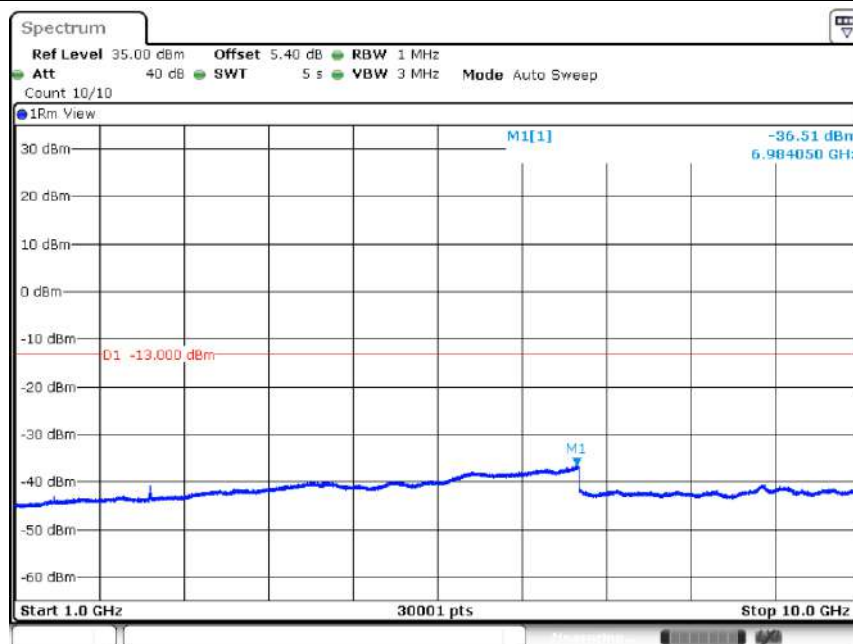


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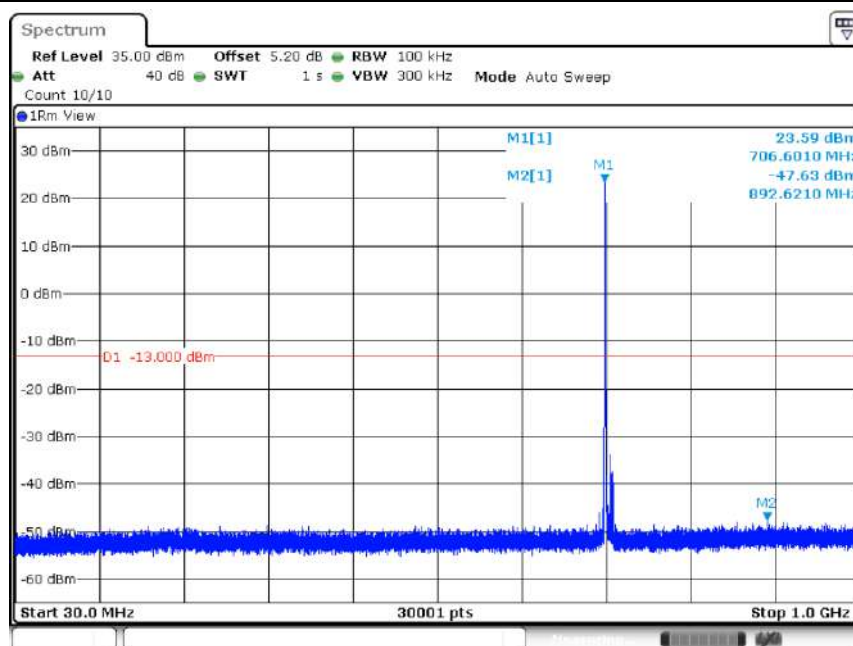
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Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Date: 10 DEC 2020 16:18:34

Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



Date: 10 DEC 2020 16:20:21



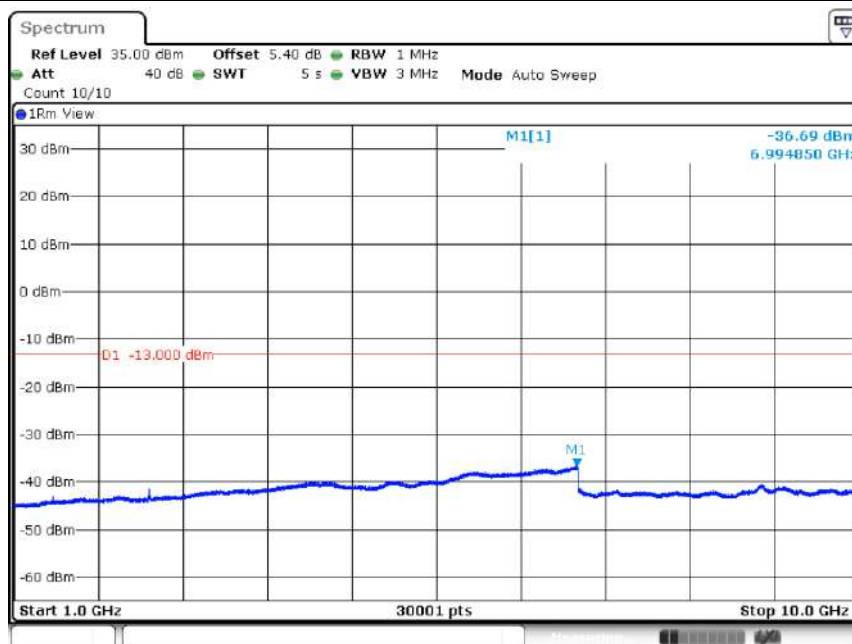
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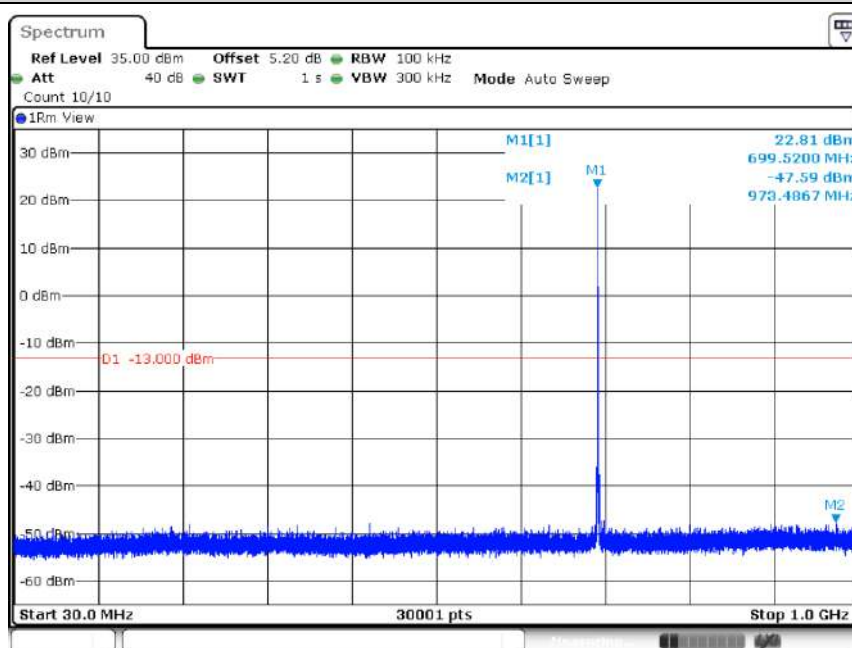
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Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



Date: 10 DEC 2020 16:21:28

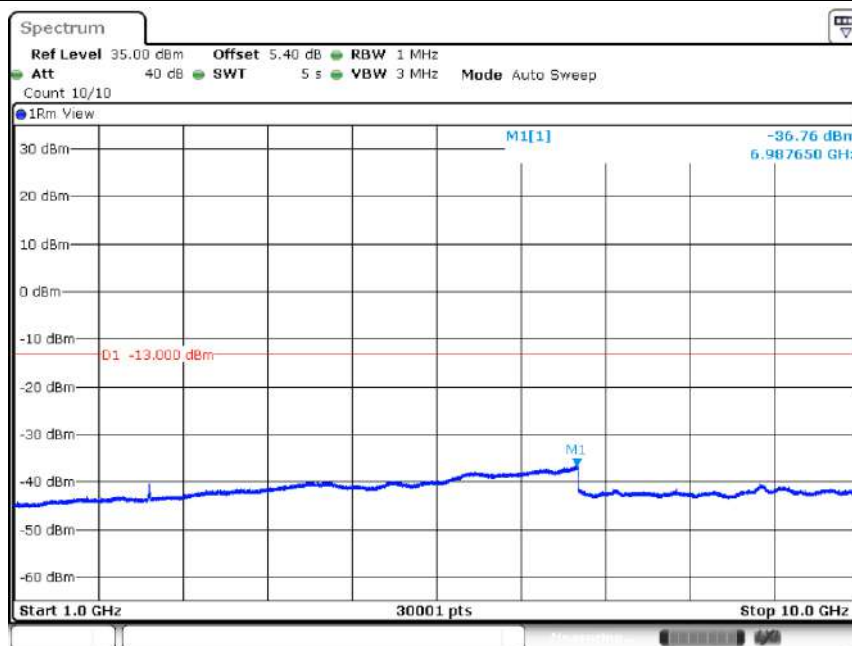
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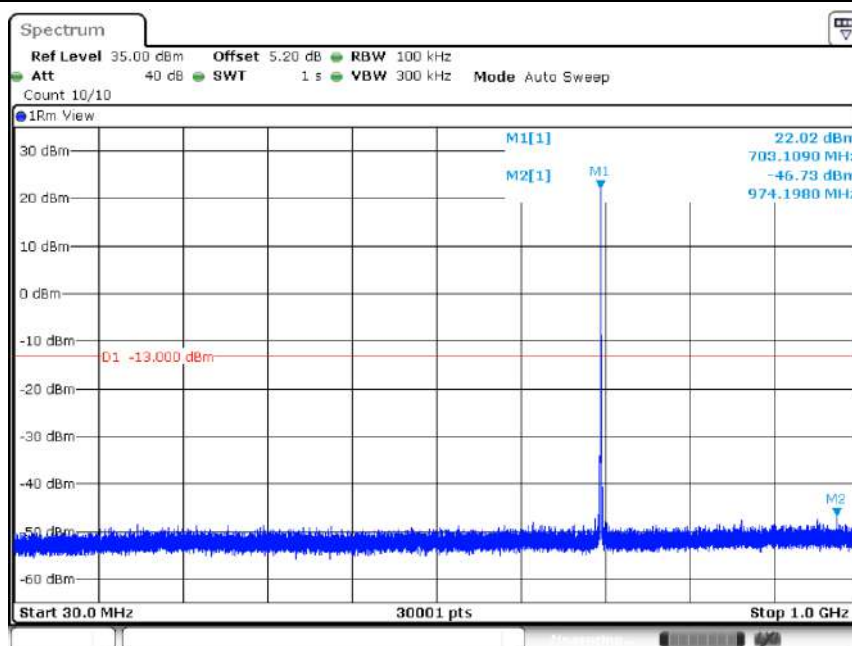


Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 10 DEC. 2020 17:09:30

Band12-10MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Date: 10 DEC. 2020 17:09:50

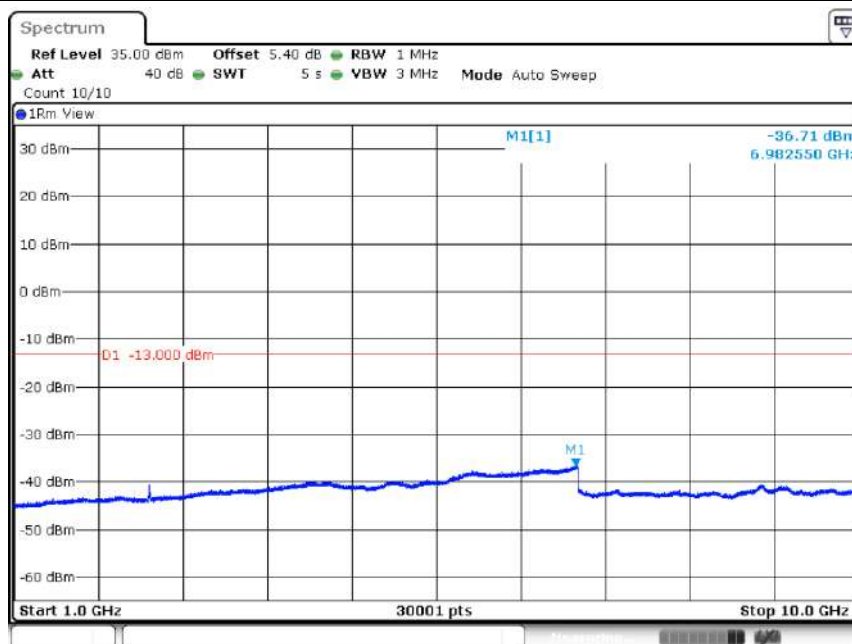


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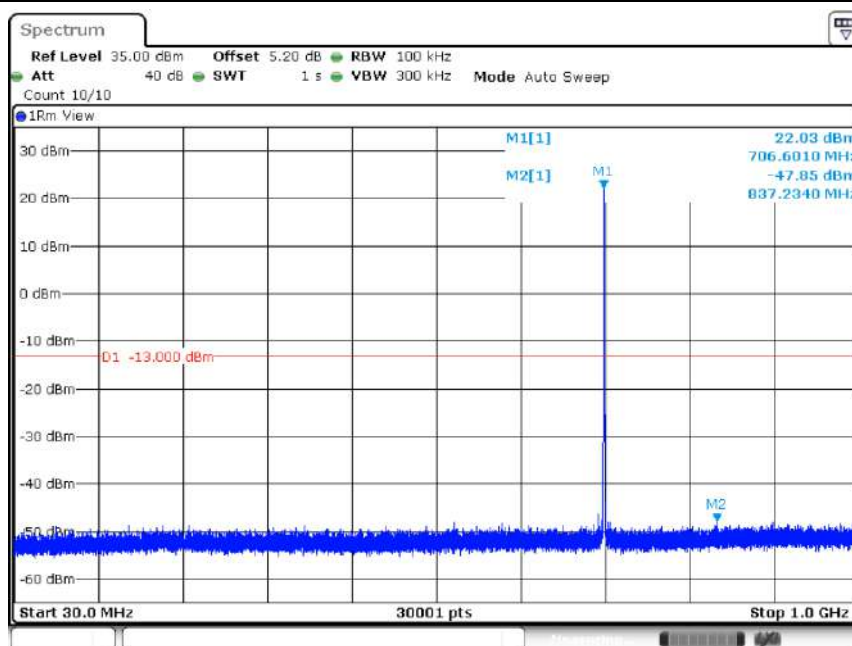
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Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 10 DEC. 2020 17:10:58

Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz



Date: 10 DEC. 2020 17:11:17



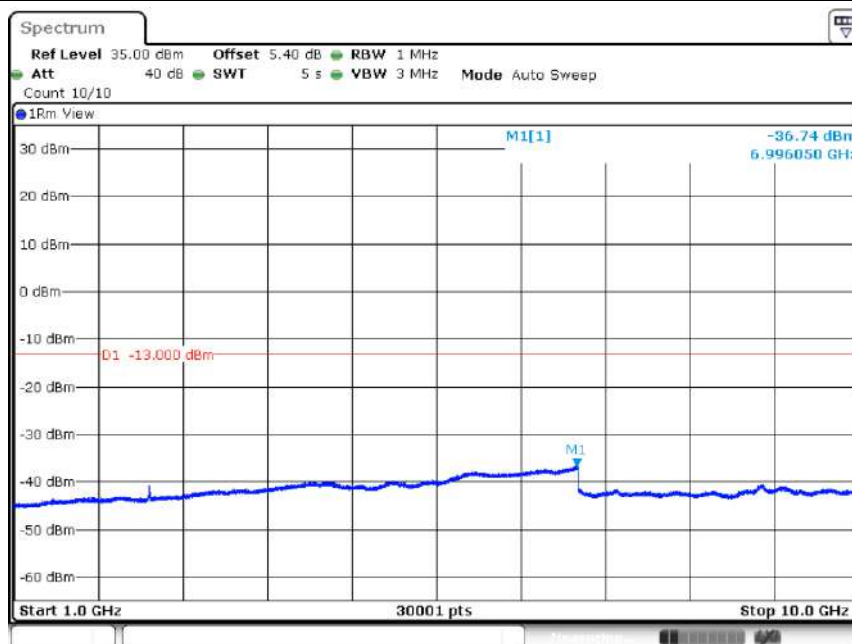
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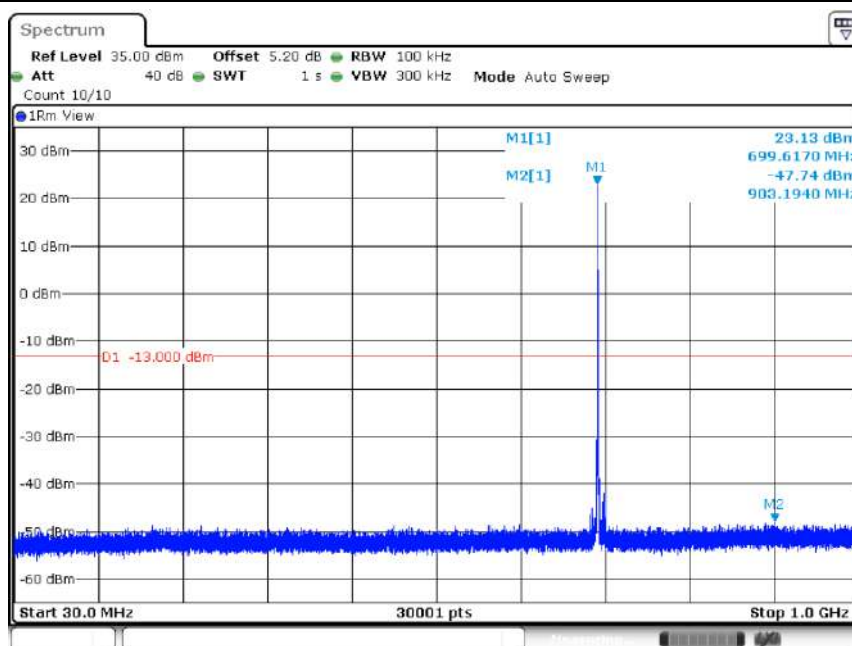
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Date: 10 DEC 2020 17:12:25

Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



Date: 10 DEC 2020 16:15:59

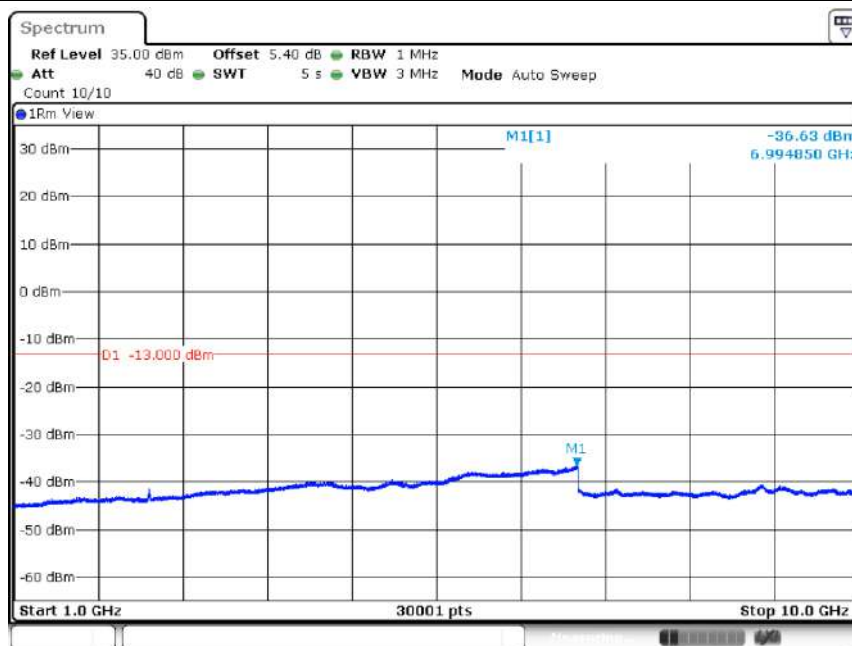


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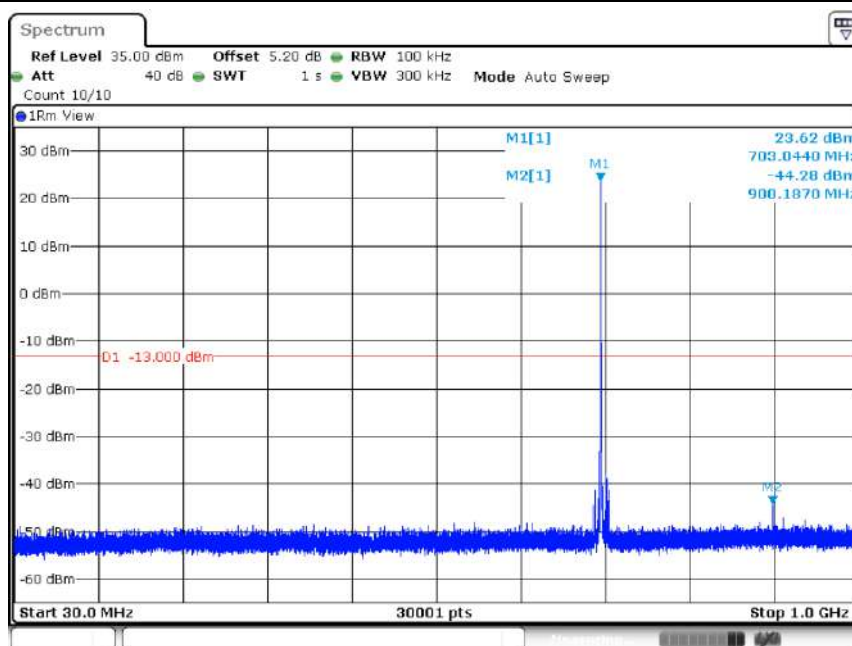
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Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 10 DEC. 2020 16:17:07

Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Date: 10 DEC. 2020 16:18:54

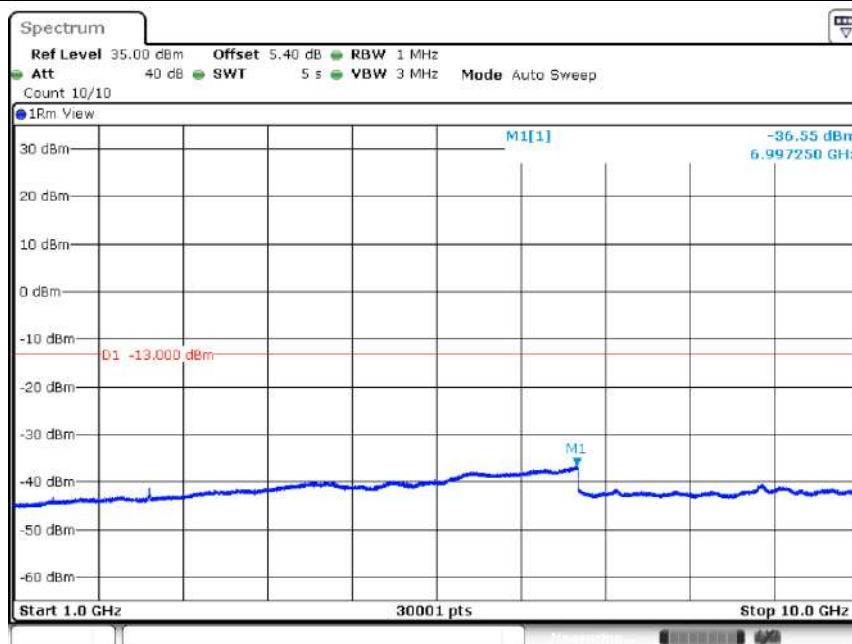


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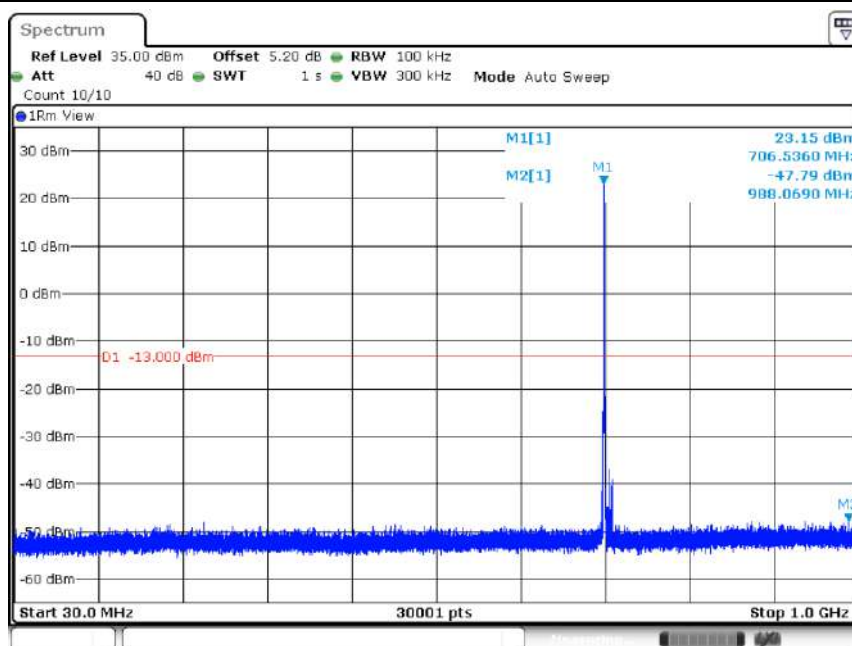
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Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 10 DEC. 2020 16:20:01

Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Date: 10 DEC. 2020 16:21:48

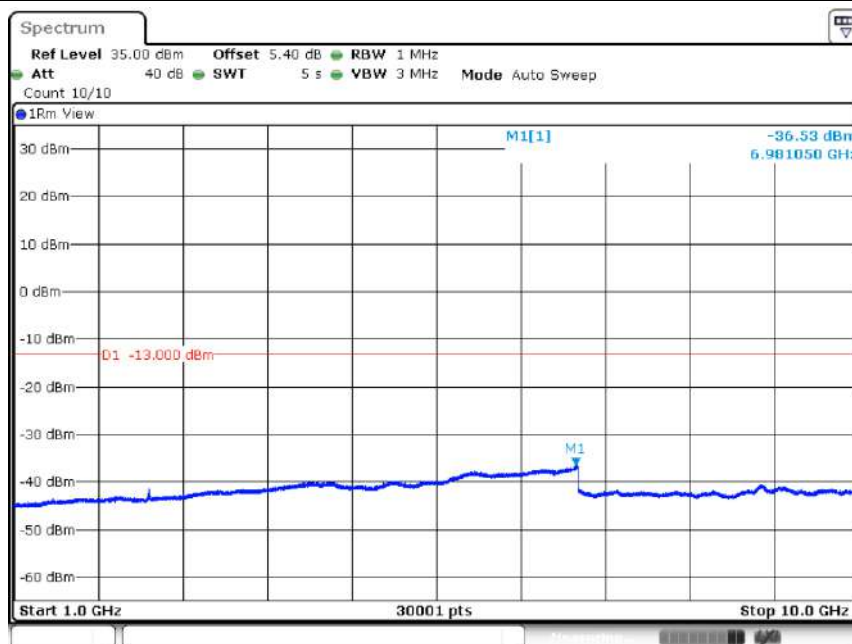


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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz(ANT1)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.766667	-79.36	-13.00	66.36	217	95	Vertical
124.966667	-83.55	-13.00	70.55	287	1	Vertical
233.980000	-89.04	-13.00	76.04	207	180	Vertical
1399.000000	-62.60	-13.00	49.60	158	93	Vertical
2490.000000	-58.75	-13.00	45.75	198	155	Vertical
4432.762500	-65.78	-13.00	52.78	167	0	Vertical
55.853333	-75.20	-13.00	62.20	183	152	Horizontal
134.766667	-83.92	-13.00	70.92	163	143	Horizontal
318.773333	-84.96	-13.00	71.96	217	161	Horizontal
1455.000000	-65.79	-13.00	52.79	197	169	Horizontal
2399.500000	-58.72	-13.00	45.72	174	88	Horizontal
4315.275000	-65.22	-13.00	52.22	219	69	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
54.640000	-79.35	-13.00	66.35	276	132	Vertical
124.966667	-83.28	-13.00	70.28	238	141	Vertical
356.153333	-83.87	-13.00	70.87	210	150	Vertical
1705.000000	-63.76	-13.00	50.76	205	0	Vertical
2653.000000	-57.19	-13.00	44.19	215	78	Vertical
4318.687500	-65.40	-13.00	52.40	188	112	Vertical
61.266667	-75.86	-13.00	62.86	220	29	Horizontal
159.080000	-83.29	-13.00	70.29	253	150	Horizontal
327.080000	-84.17	-13.00	71.17	215	150	Horizontal
1453.500000	-65.79	-13.00	52.79	236	33	Horizontal
2389.000000	-58.77	-13.00	45.77	250	99	Horizontal
5063.587500	-64.93	-13.00	51.93	244	178	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.673333	-79.68	-13.00	66.68	248	47	Vertical
104.293333	-82.32	-13.00	69.32	248	95	Vertical
334.733333	-83.69	-13.00	70.69	247	85	Vertical
1413.000000	-65.52	-13.00	52.52	220	92	Vertical
2572.000000	-58.30	-13.00	45.30	160	0	Vertical
4122.225000	-66.17	-13.00	53.17	275	79	Vertical
62.060000	-75.41	-13.00	62.41	212	29	Horizontal
159.313333	-83.27	-13.00	70.27	262	150	Horizontal
320.360000	-83.51	-13.00	70.51	246	150	Horizontal
1279.500000	-66.93	-13.00	53.93	171	33	Horizontal
2390.000000	-58.74	-13.00	45.74	170	99	Horizontal
4428.862500	-65.78	-13.00	52.78	218	178	Horizontal

7.2. Test Mode =LTE/TM1 10MHz(ANT0)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.440000	-79.73	-13.00	66.73	274	0	Vertical
104.246667	-82.64	-13.00	69.64	290	0	Vertical
317.560000	-83.89	-13.00	70.89	241	102	Vertical
1457.500000	-65.97	-13.00	52.97	263	86	Vertical
2636.000000	-54.81	-13.00	41.81	168	48	Vertical
4360.612500	-65.72	-13.00	52.72	289	99	Vertical
55.993333	-75.47	-13.00	62.47	289	149	Horizontal
134.860000	-82.88	-13.00	69.88	214	140	Horizontal
298.426667	-83.17	-13.00	70.17	227	168	Horizontal
1538.000000	-65.37	-13.00	52.37	167	86	Horizontal
2411.500000	-57.25	-13.00	44.25	233	39	Horizontal
4404.975000	-65.42	-13.00	52.42	163	88	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.533333	-79.04	-13.00	66.04	218	225	Vertical
104.246667	-82.98	-13.00	69.98	216	197	Vertical
331.420000	-84.02	-13.00	71.02	226	142	Vertical
1406.000000	-62.96	-13.00	49.96	279	261	Vertical
2435.000000	-58.35	-13.00	45.35	234	184	Vertical
3828.262500	-66.53	-13.00	53.53	289	78	Vertical
62.806667	-75.52	-13.00	62.52	239	126	Horizontal
159.313333	-82.67	-13.00	69.67	220	301	Horizontal
300.340000	-82.82	-13.00	69.82	181	173	Horizontal
1406.000000	-65.27	-13.00	52.27	187	299	Horizontal
2635.500000	-53.77	-13.00	40.77	205	306	Horizontal
4374.262500	-65.03	-13.00	52.03	294	268	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.580000	-79.26	-13.00	66.26	259	48	Vertical
124.966667	-83.38	-13.00	70.38	281	93	Vertical
331.326667	-84.05	-13.00	71.05	282	75	Vertical
1413.000000	-62.33	-13.00	49.33	230	28	Vertical
2428.500000	-58.77	-13.00	45.77	256	126	Vertical
4297.237500	-65.78	-13.00	52.78	273	173	Vertical
56.646667	-75.29	-13.00	62.29	277	13	Horizontal
90.853333	-80.72	-13.00	67.72	220	170	Horizontal
303.280000	-83.76	-13.00	70.76	167	160	Horizontal
1485.000000	-65.36	-13.00	52.36	268	45	Horizontal
2638.500000	-55.89	-13.00	42.89	153	180	Horizontal
4395.225000	-65.36	-13.00	52.36	292	180	Horizontal

Remark:

- 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.
- 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.
- all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-1.50	-0.002131	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	1.90	0.002699	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.00	0.001420	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	0.70	0.000989	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	4.10	0.005795	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	2.90	0.004099	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-4.60	-0.006470	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-3.50	-0.004923	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	1.70	0.002391	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	-2.50	-0.003551	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	5.70	0.008097	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	-3.70	-0.005256	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	3.20	0.004523	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	2.90	0.004099	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	3.60	0.005088	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-5.70	-0.008017	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	-5.00	-0.007032	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	1.10	0.001547	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	3.50	0.004972	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.60	0.002273	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-3.30	-0.004688	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-1.40	-0.001979	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	1.50	0.002120	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-2.20	-0.003094	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-6.10	-0.008579	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-1.10	-0.001547	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-0.60	-0.000852	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-0.60	-0.000852	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-0.80	-0.001136	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-0.60	-0.000852	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-0.70	-0.000994	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	0.20	0.000284	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	0.30	0.000426	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	3.10	0.004382	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	2.40	0.003392	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	0.50	0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	1.60	0.002261	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	1.00	0.001413	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	0.50	0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	0.30	0.000424	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-0.50	-0.000707	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-2.00	-0.002813	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-3.80	-0.005345	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-4.00	-0.005626	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	1.00	0.001406	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-3.70	-0.005204	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	2.80	0.003938	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-5.10	-0.007173	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	0.60	0.000852	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	3.30	0.004688	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-10	-2.70	-0.003835	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	3.70	0.005256	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	-2.70	-0.003835	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	3.70	0.005256	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	5.30	0.007528	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	6.00	0.008523	±2.5	PASS



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Band12	10MHz	64QAM	23060	50RB#0	NV	50	5.40	0.007670	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	2.10	0.002968	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-4.30	-0.006078	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-10	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	-4.40	-0.006219	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-4.20	-0.005936	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-3.80	-0.005371	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-4.10	-0.005795	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	-3.60	-0.005088	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	-3.30	-0.004664	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	-2.70	-0.003797	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-10	-5.60	-0.007876	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-4.30	-0.006048	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-4.60	-0.006470	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-5.60	-0.007876	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-5.90	-0.008298	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	2.10	0.002954	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	0.60	0.000844	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-2.10	-0.002983	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	1.10	0.001563	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	-1.80	-0.002557	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	3.50	0.004972	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-3.70	-0.005256	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-1.80	-0.002557	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	0.70	0.000994	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	2.40	0.003409	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	-4.60	-0.006534	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	3.60	0.005088	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-3.30	-0.004664	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	-6.10	-0.008622	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-0.80	-0.001131	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	1.20	0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-6.10	-0.008622	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	3.60	0.005088	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-3.30	-0.004664	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-2.00	-0.002827	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-4.10	-0.005767	±2.5	PASS



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Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	-4.10	-0.005767	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-5.30	-0.007454	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-0.30	-0.000422	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	0.60	0.000844	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-3.80	-0.005345	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-5.20	-0.007314	±2.5	PASS



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