

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



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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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ANTO:

Band	Bandwidth	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,

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

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



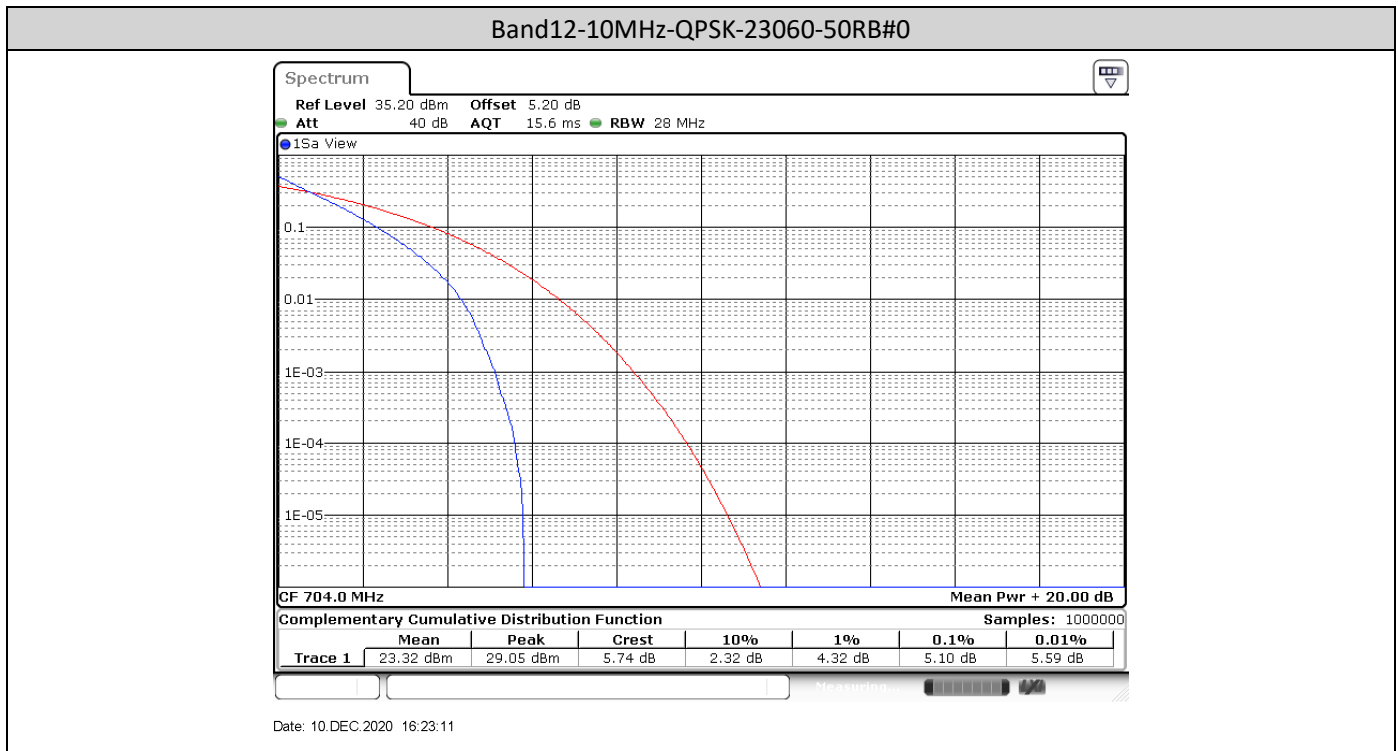
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
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

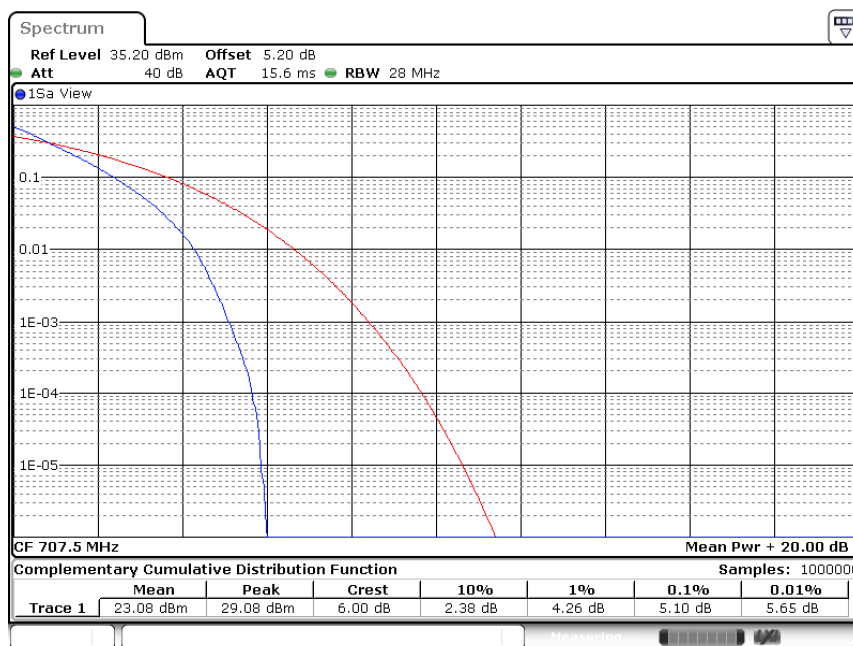
2.2. Test Plots



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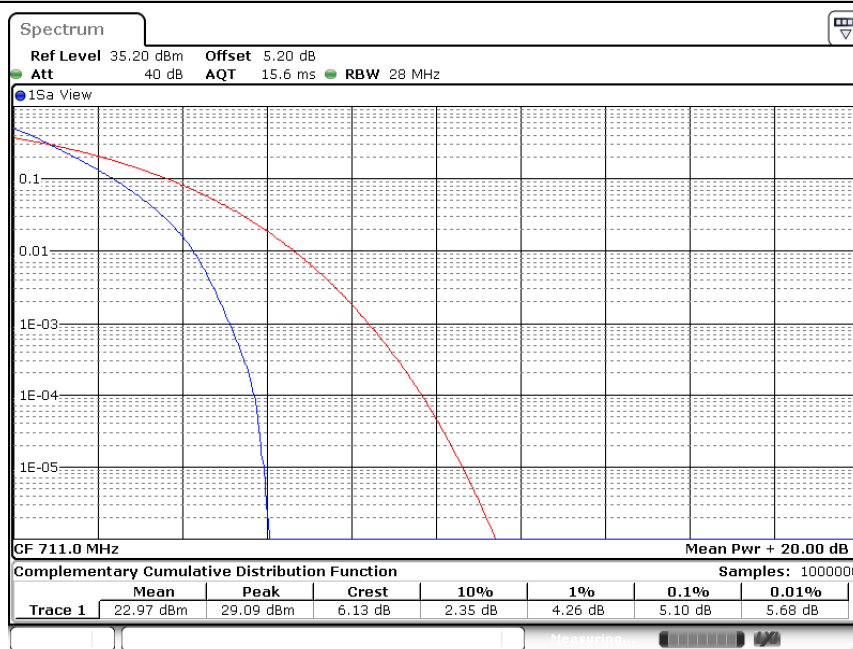
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Band12-10MHz-QPSK-23095-50RB#0



Date: 10.DEC.2020 16:23:34

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



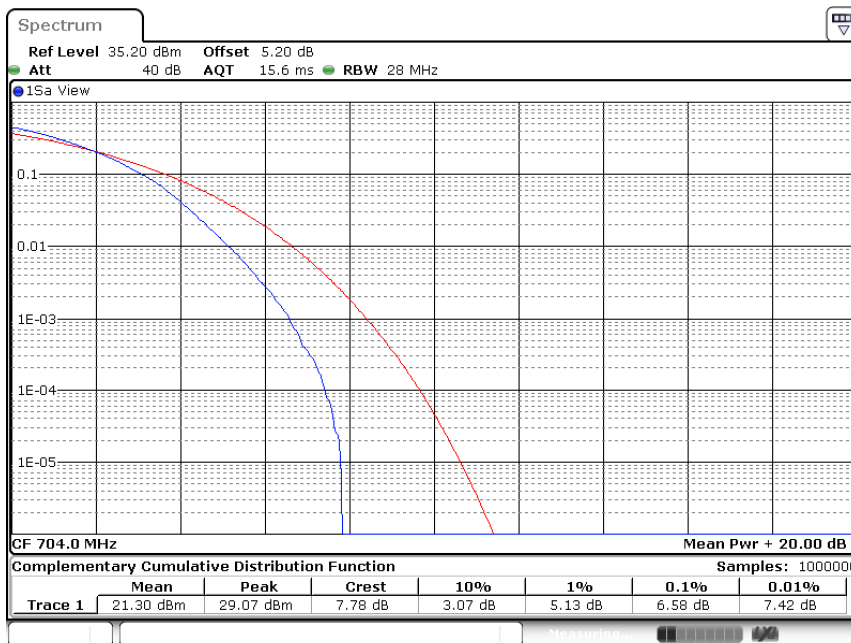
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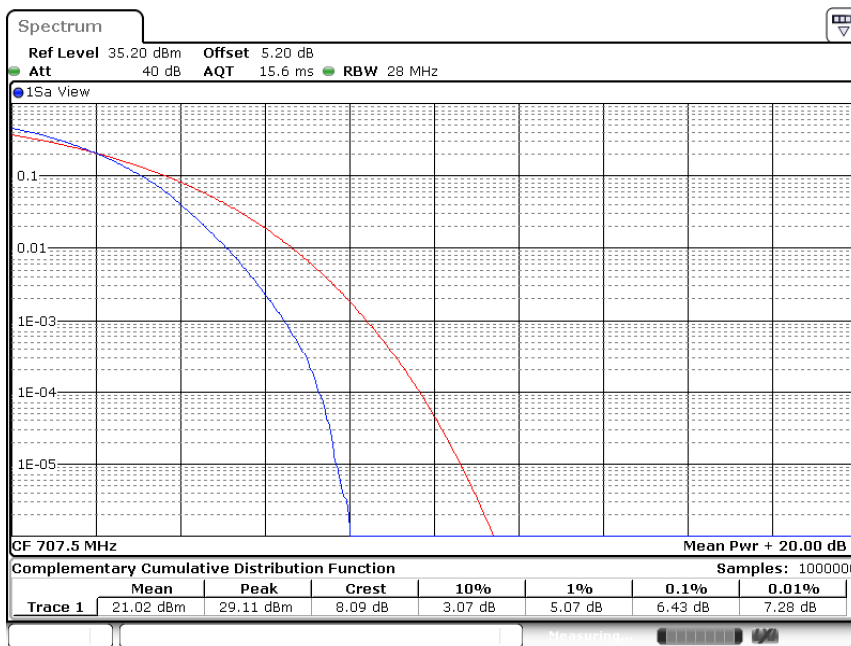
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Band12-10MHz-64QAM-23060-50RB#0



Date: 10.DEC.2020 17:12:43

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



Date: 10.DEC.2020 17:12:54



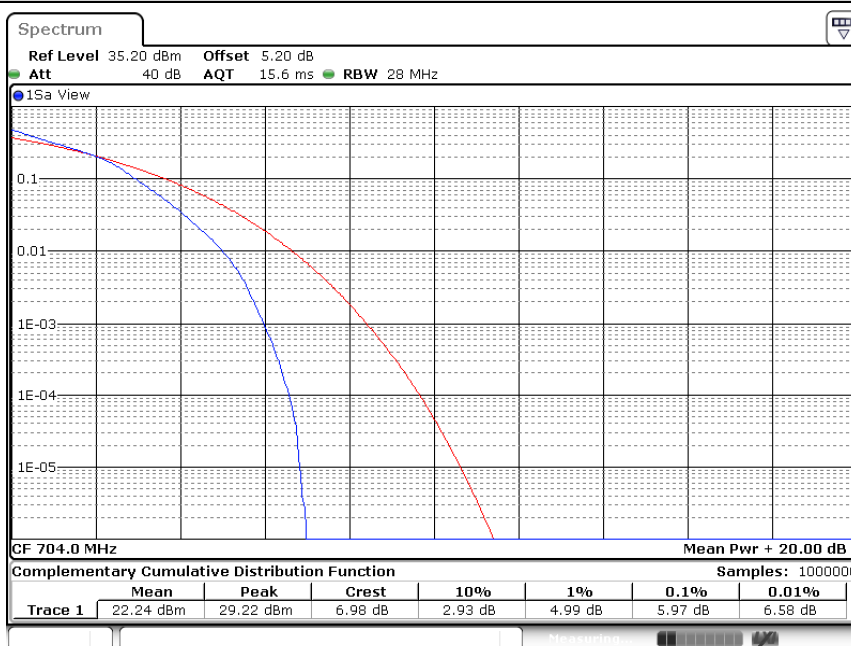
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Band12-10MHz-64QAM-23130-50RB#0



Date: 10.DEC.2020 17:13:06

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



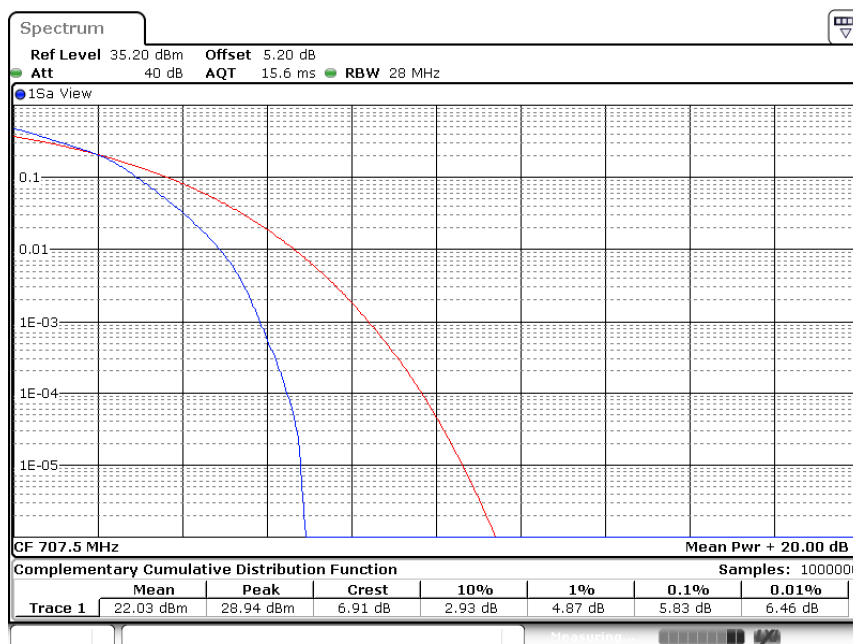
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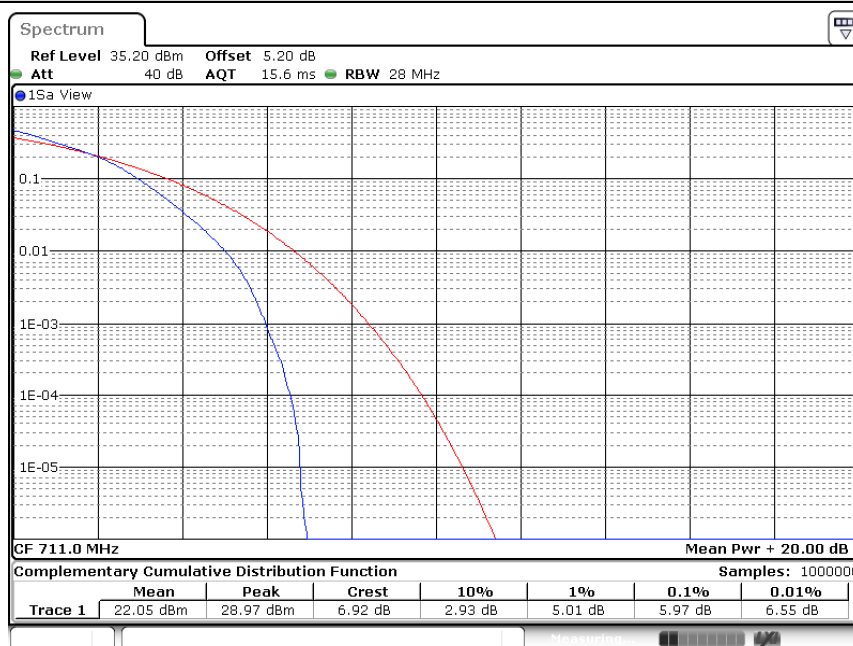
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Band12-10MHz-16QAM-23095-50RB#0



Date: 10.DEC.2020 16:23:45

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



Date: 10.DEC.2020 16:24:08



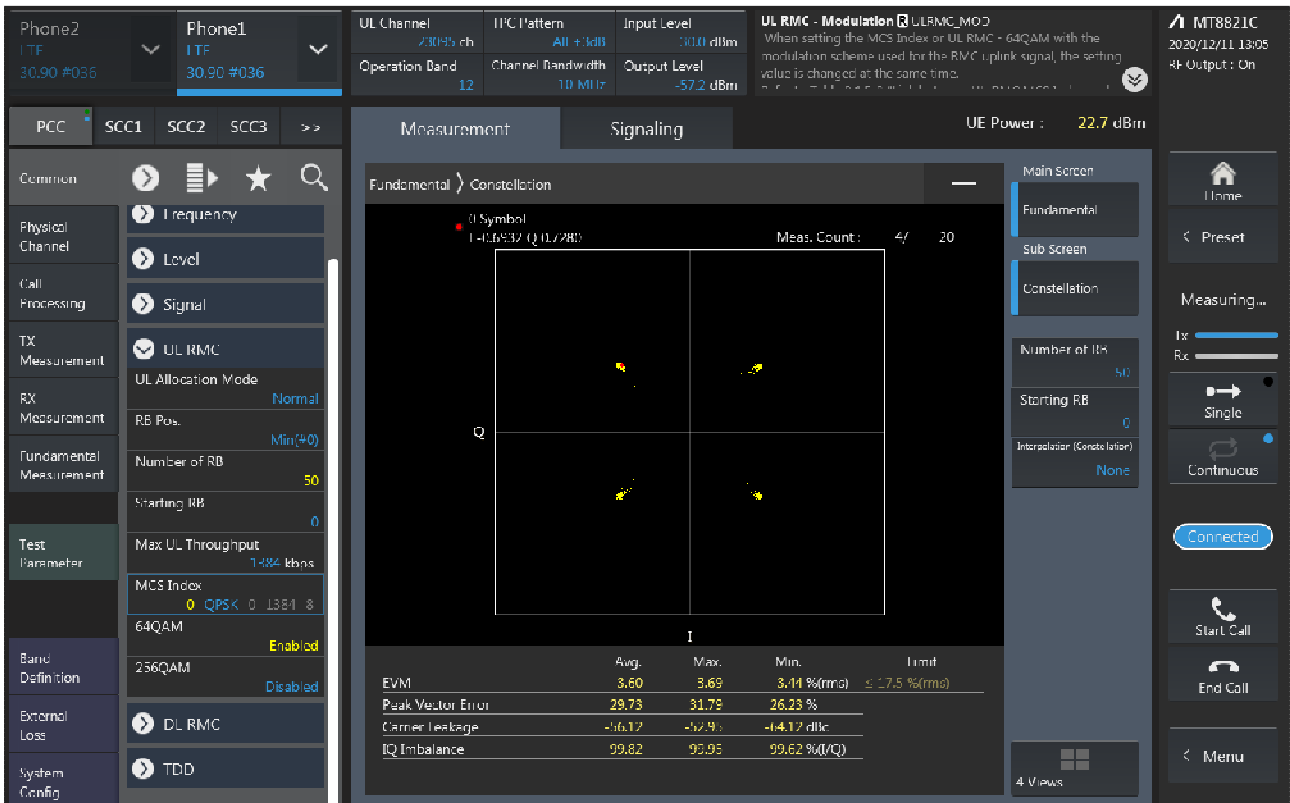
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



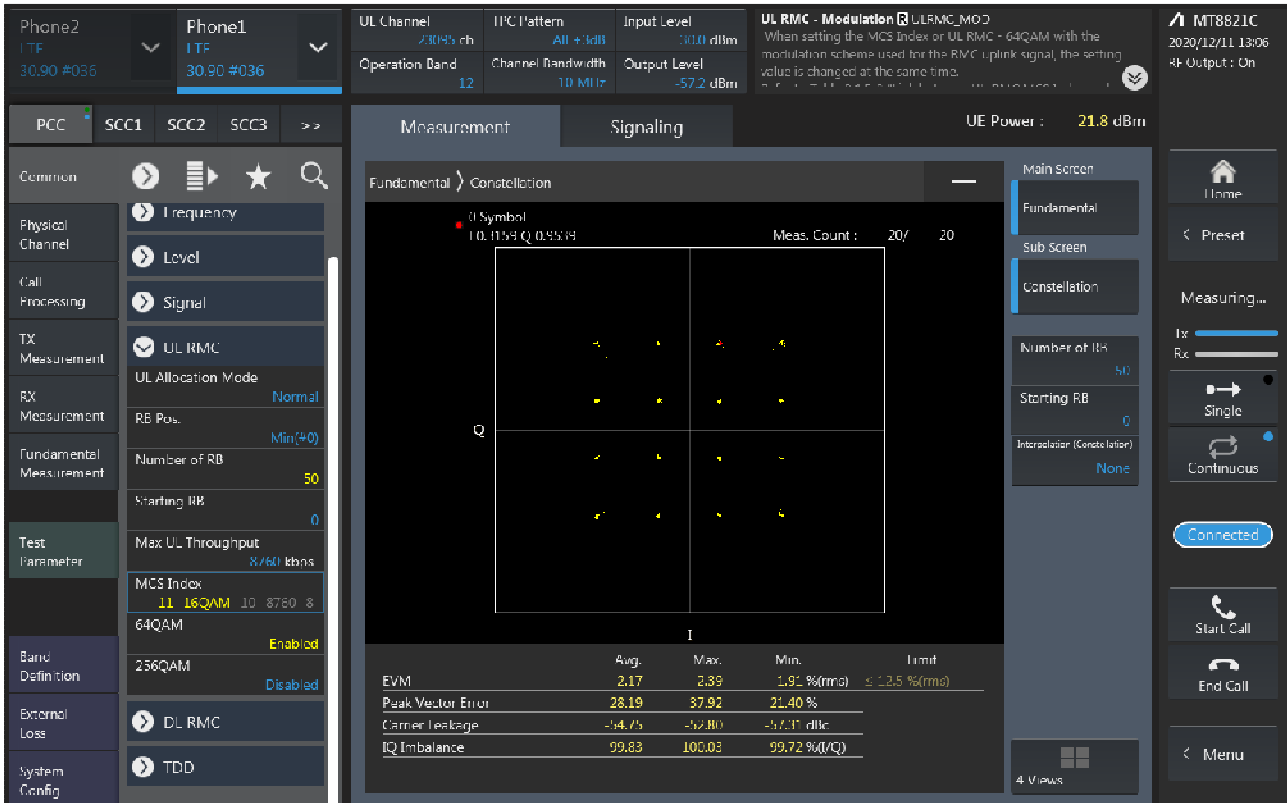
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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH

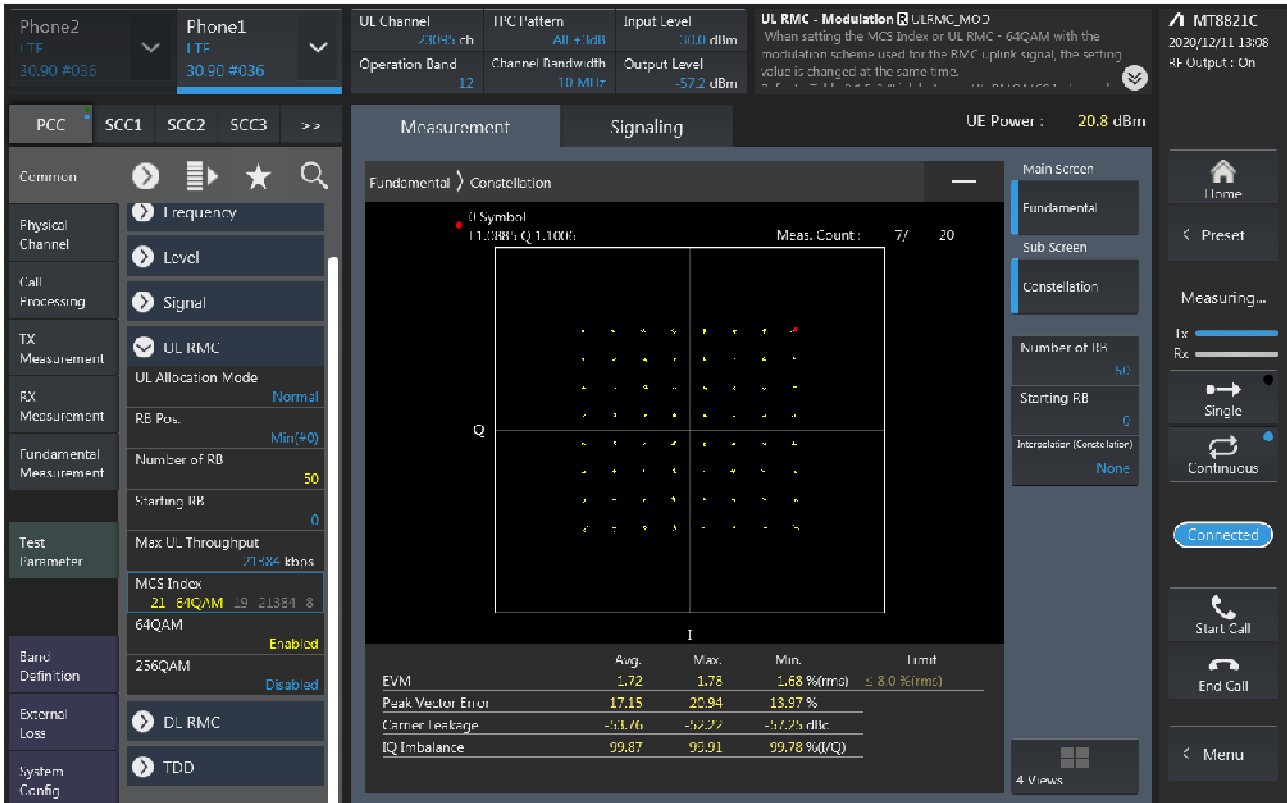


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3.3. Test Mode = LTE /TM3 10MHz

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

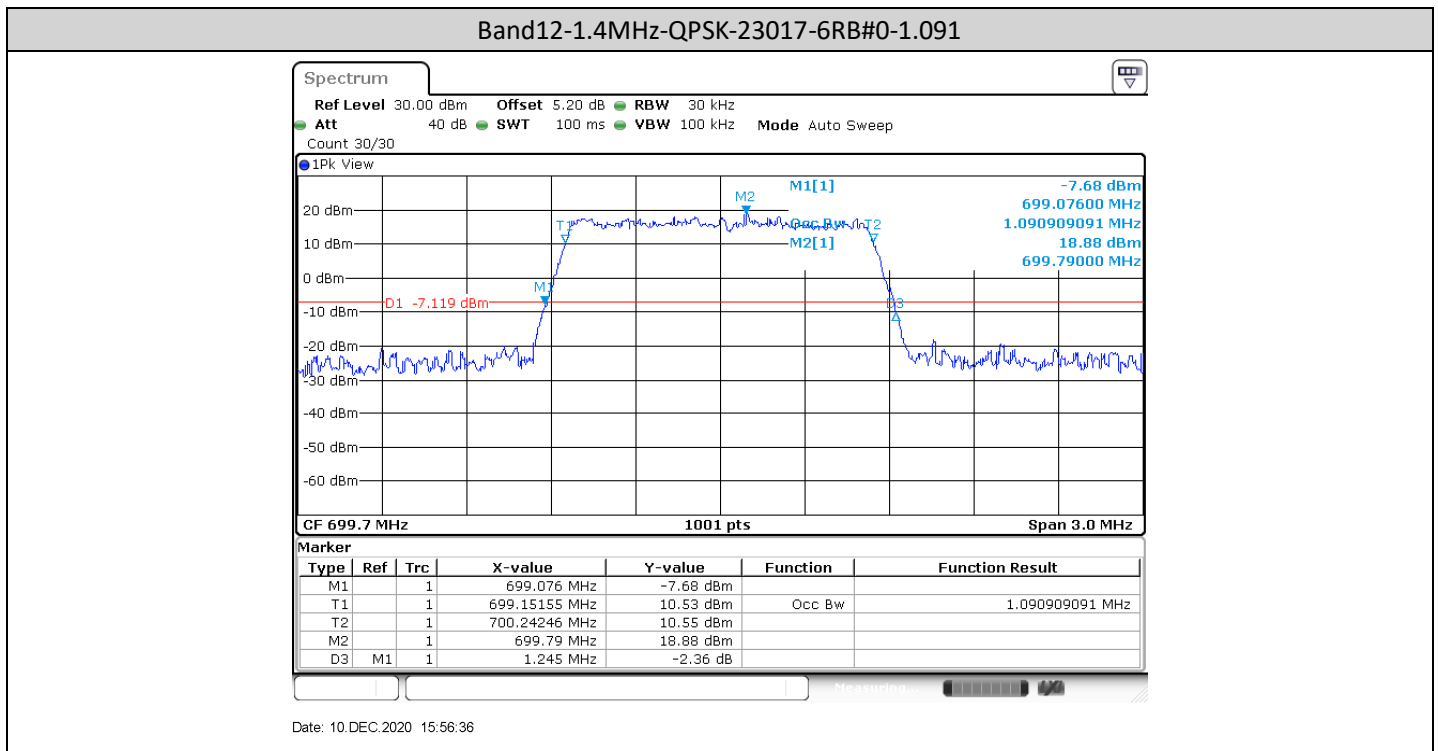


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Band12	10MHz	64QAM	23095	50RB#0	8.931	9.640	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.891	9.600	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.891	9.620	PASS

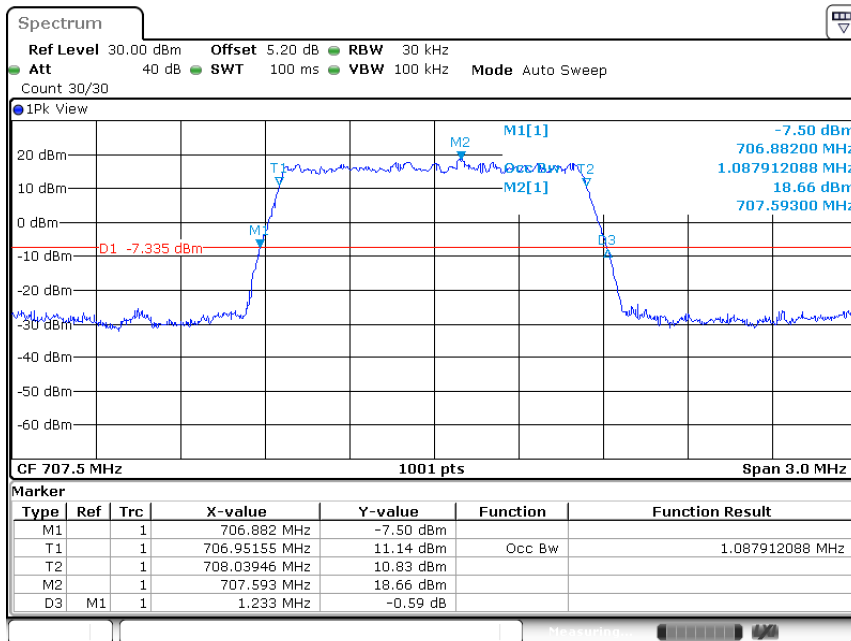
4.2. Test Plots



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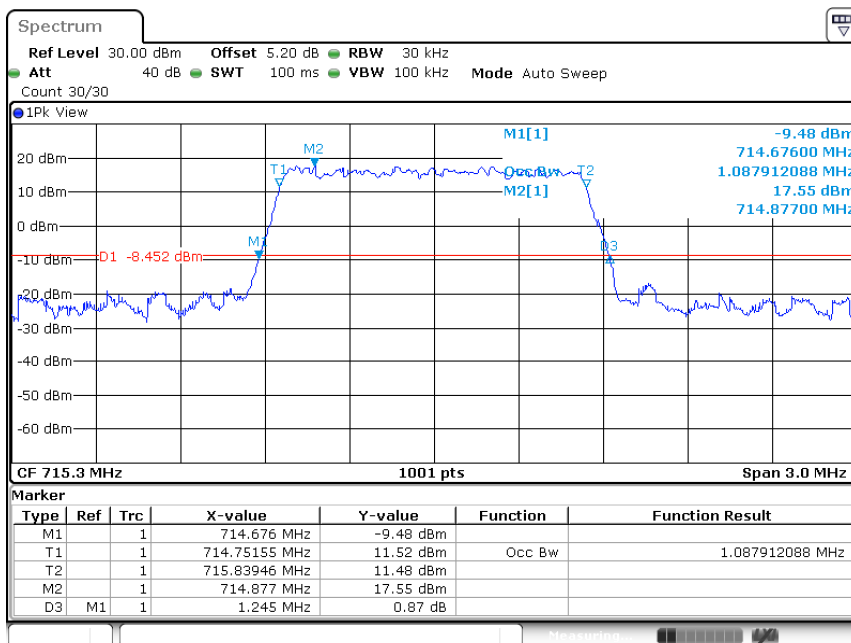
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Band12-1.4MHz-QPSK-23095-6RB#0-1.088



Date: 10.DEC.2020 15:57:02

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



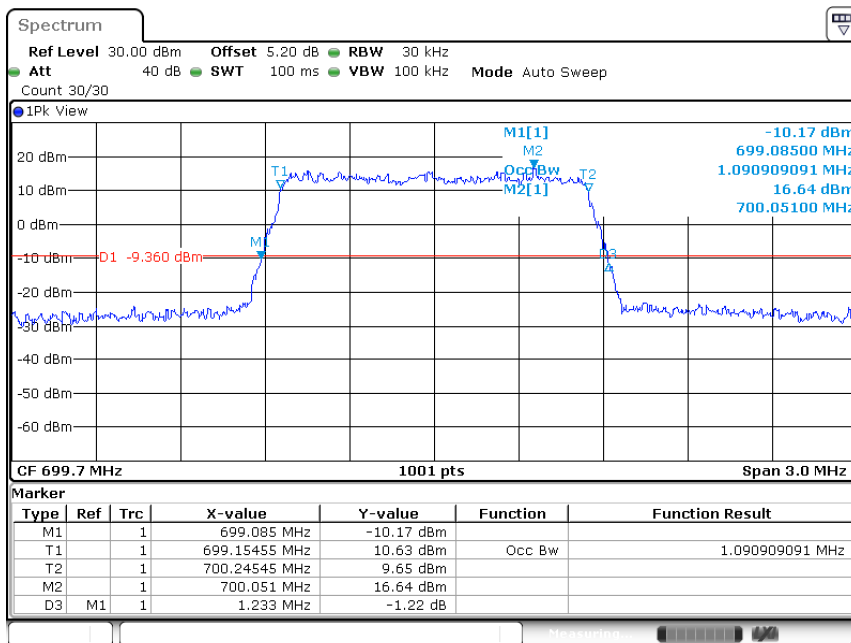
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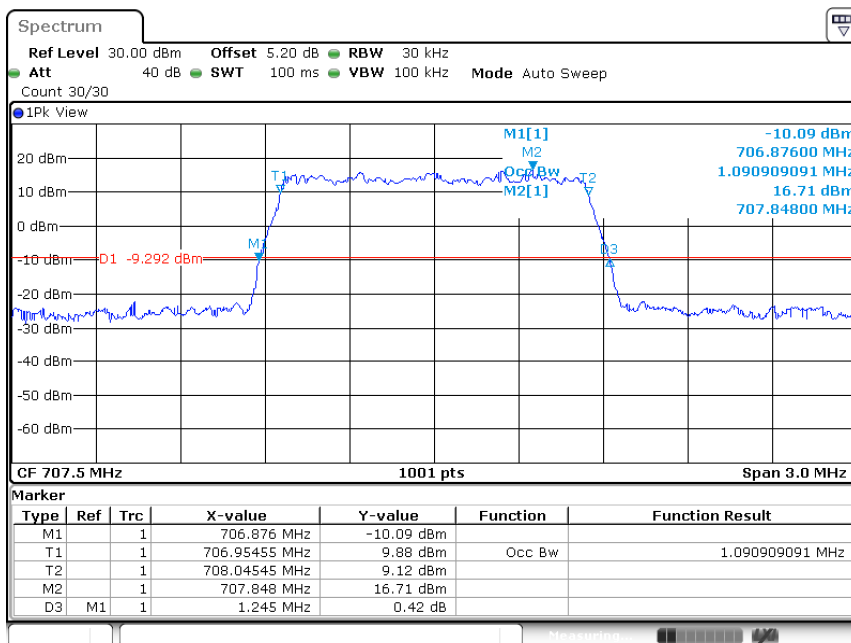
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Band12-1.4MHz-64QAM-23017-6RB#0-1.091



Date: 10.DEC.2020 16:58:37

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

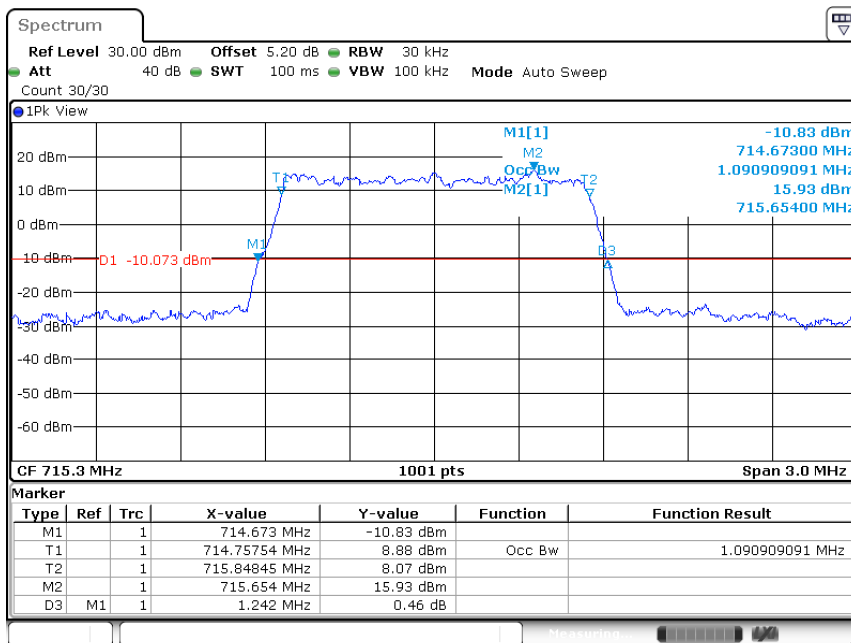


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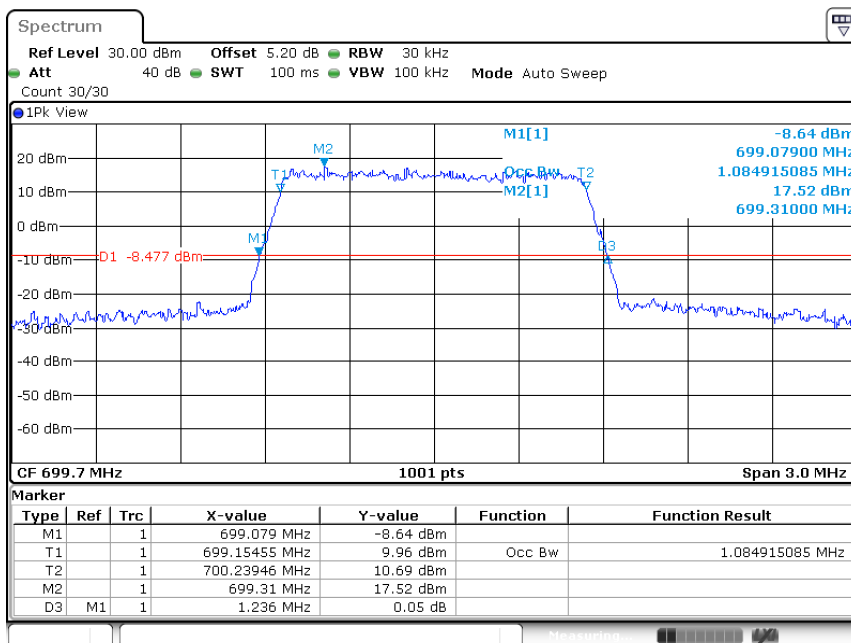
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Band12-1.4MHz-64QAM-23173-6RB#0-1.091



Date: 10.DEC.2020 16:59:03

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

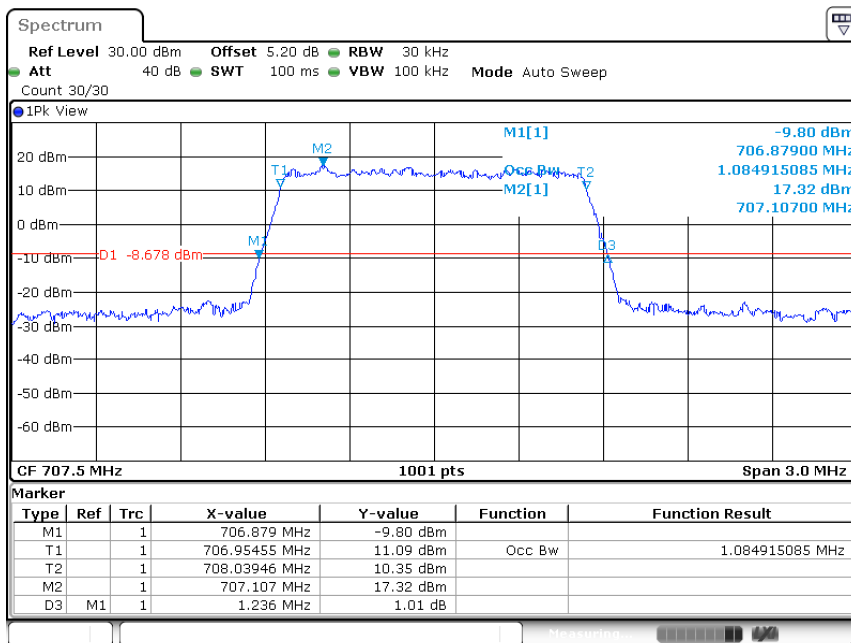


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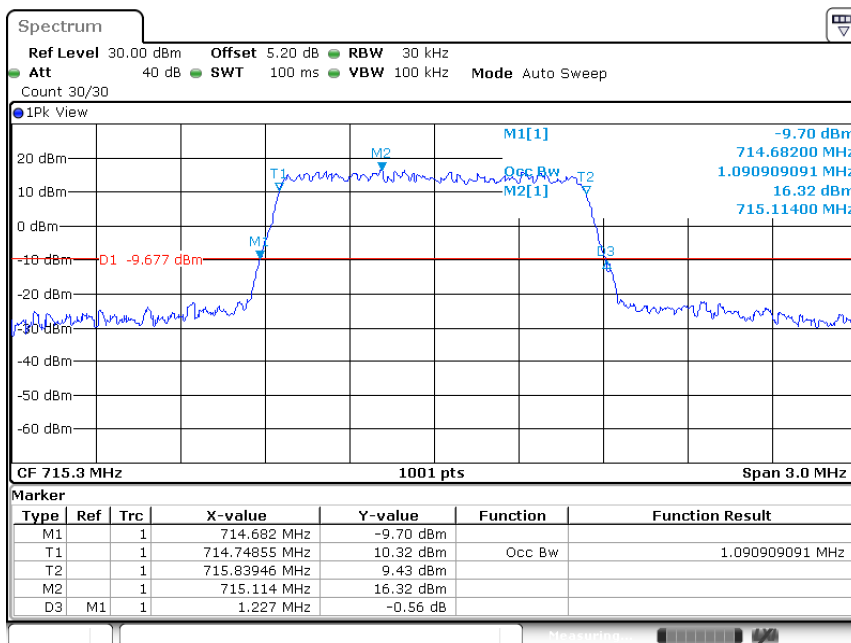
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Band12-1.4MHz-16QAM-23095-6RB#0-1.085



Date: 10.DEC.2020 15:57:15

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

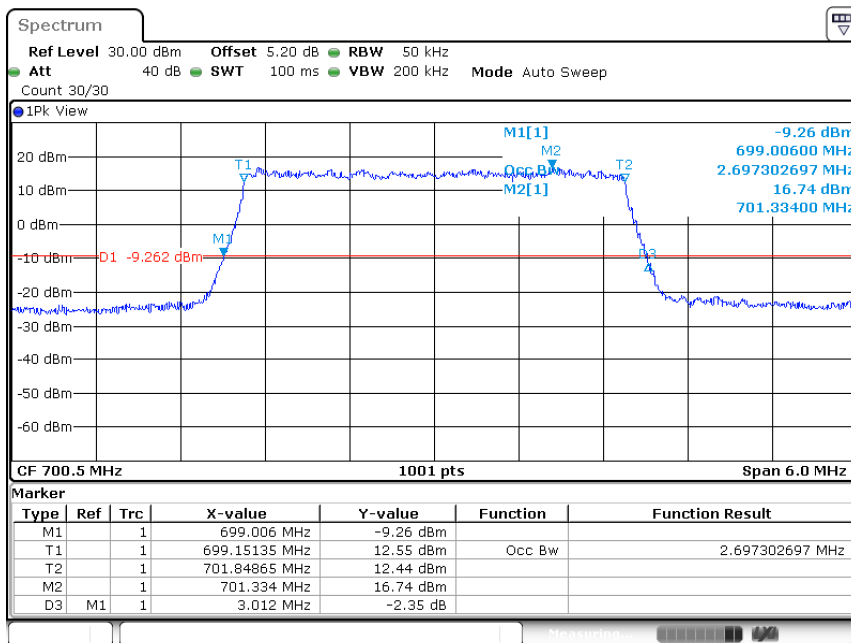


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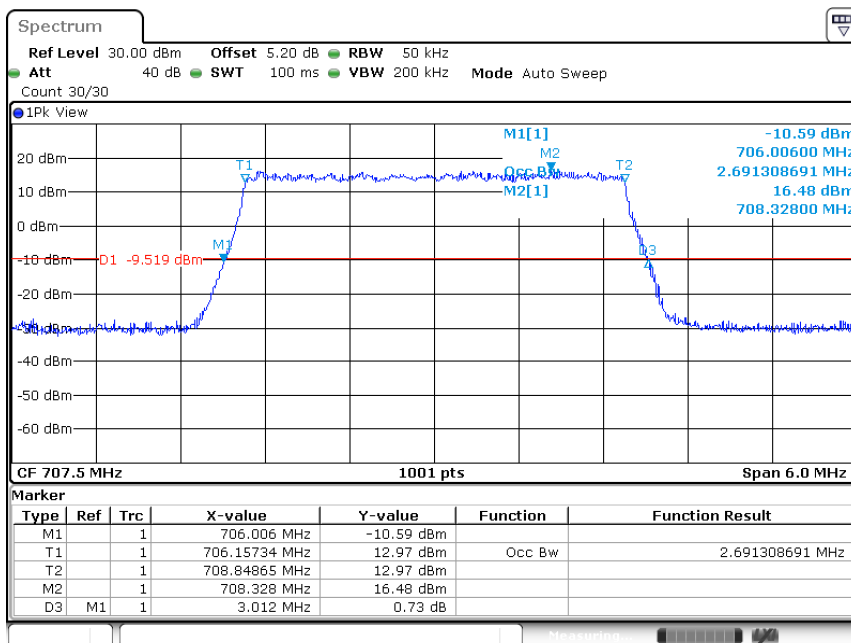
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Band12-3MHz-QPSK-23025-15RB#0-2.697



Date: 10.DEC.2020 15:57:59

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



Date: 10.DEC.2020 15:58:25

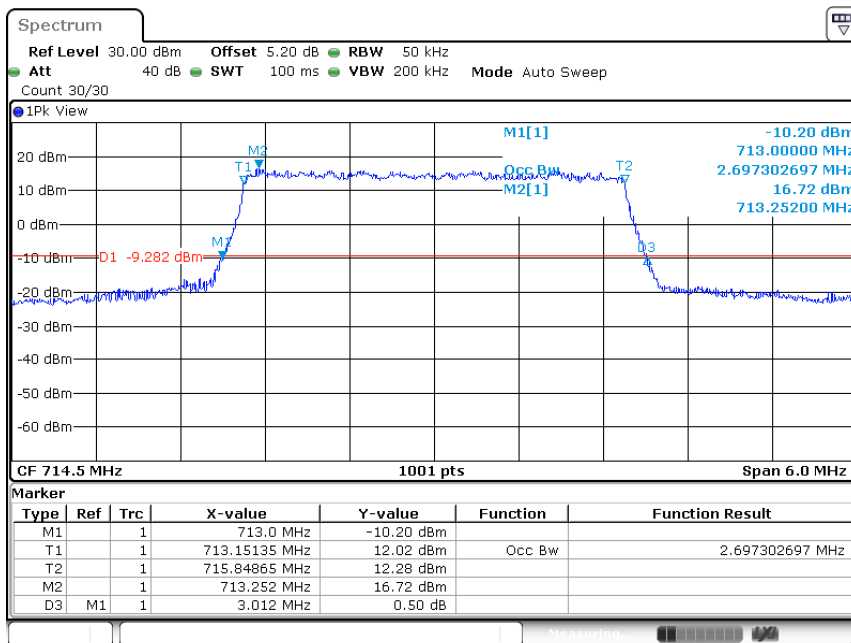


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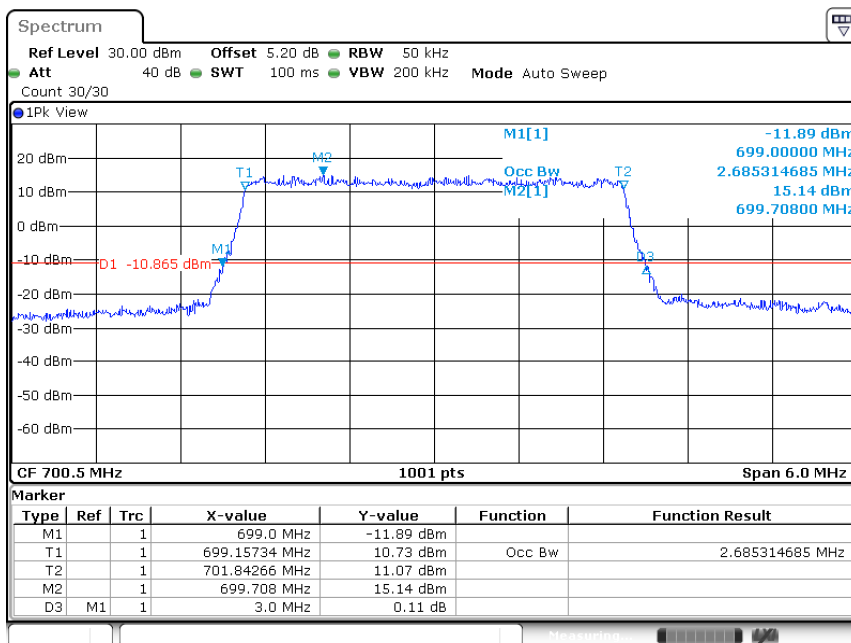
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Band12-3MHz-QPSK-23165-15RB#0-2.697



Date: 10.DEC.2020 15:58:50

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

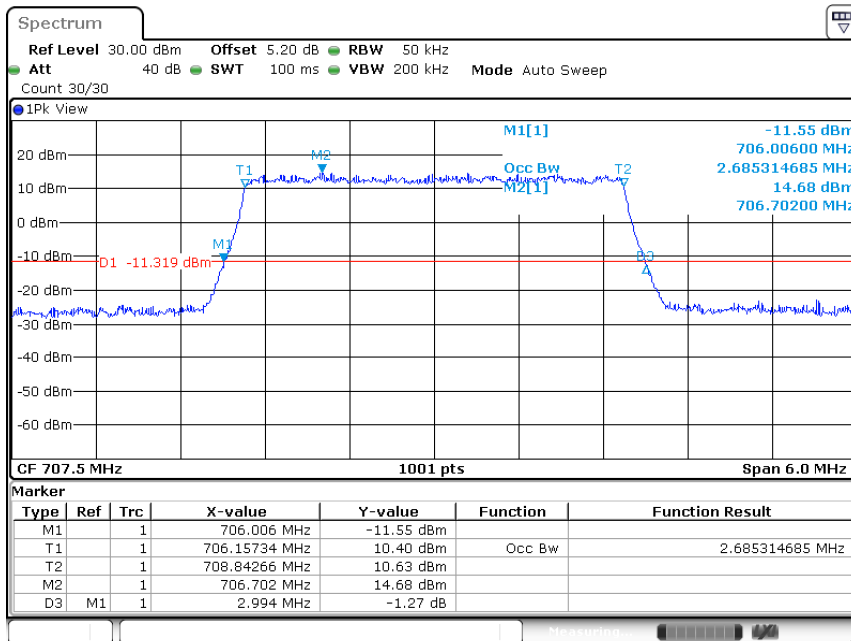


Date: 10.DEC.2020 16:59:22



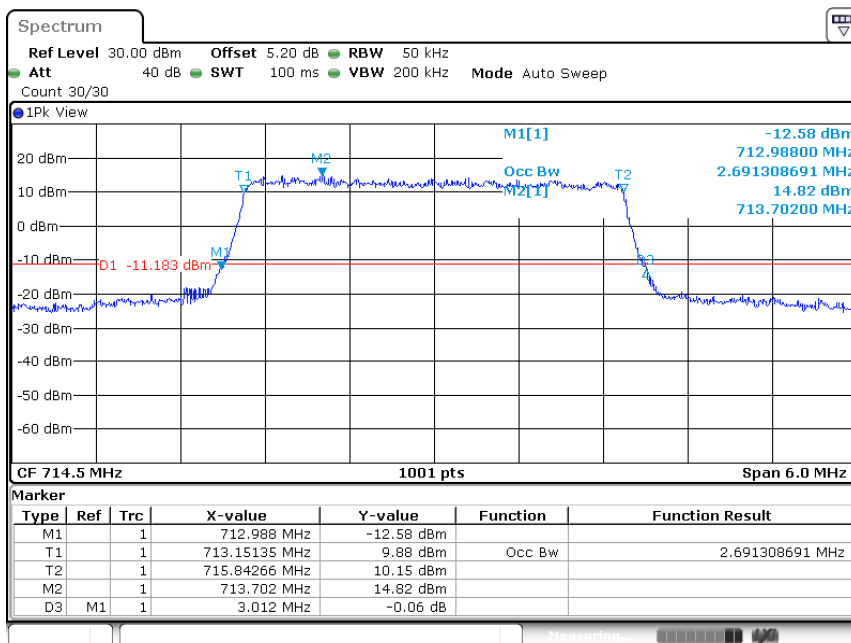
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Band12-3MHz-64QAM-23095-15RB#0-2.685



Date: 10.DEC.2020 16:59:35

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

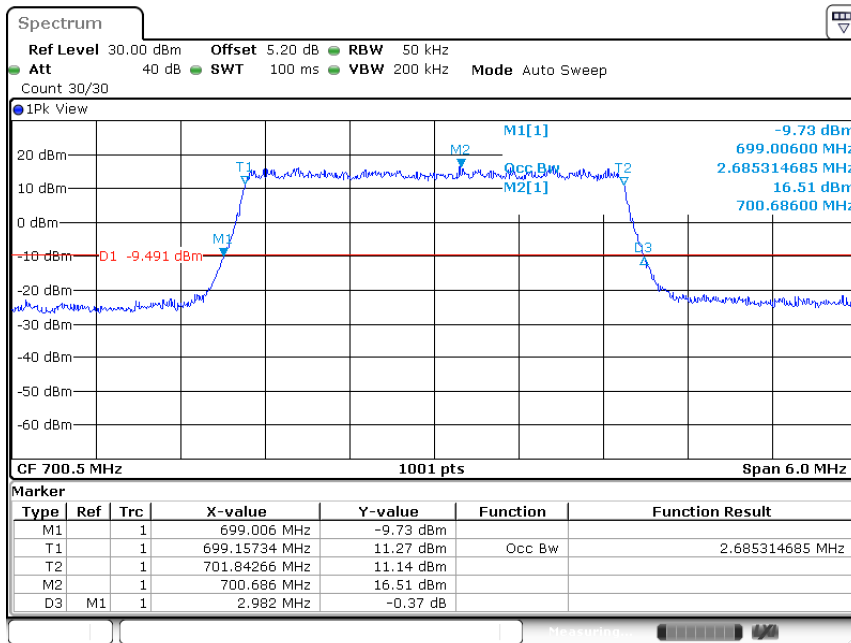


Date: 10.DEC.2020 16:59:48

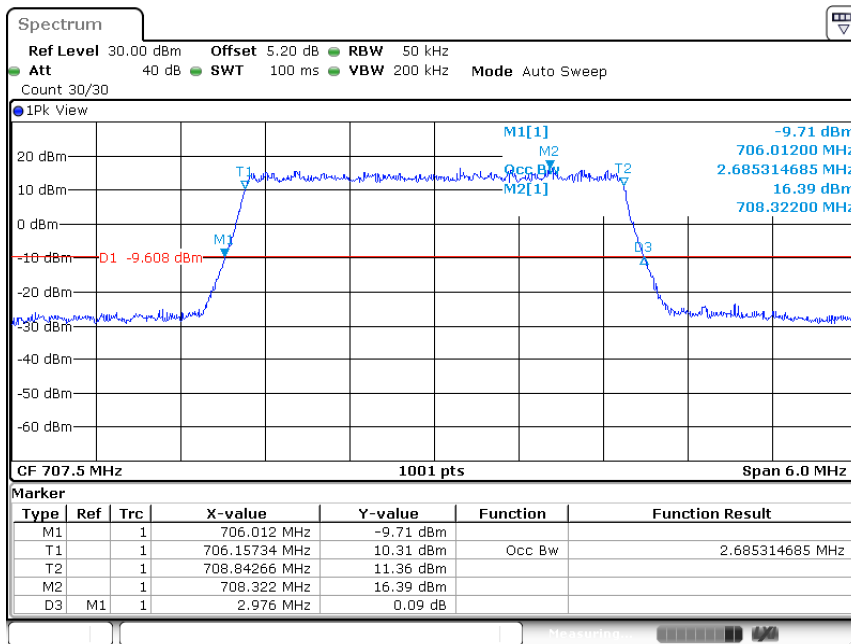


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Band12-3MHz-16QAM-23025-15RB#0-2.685



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

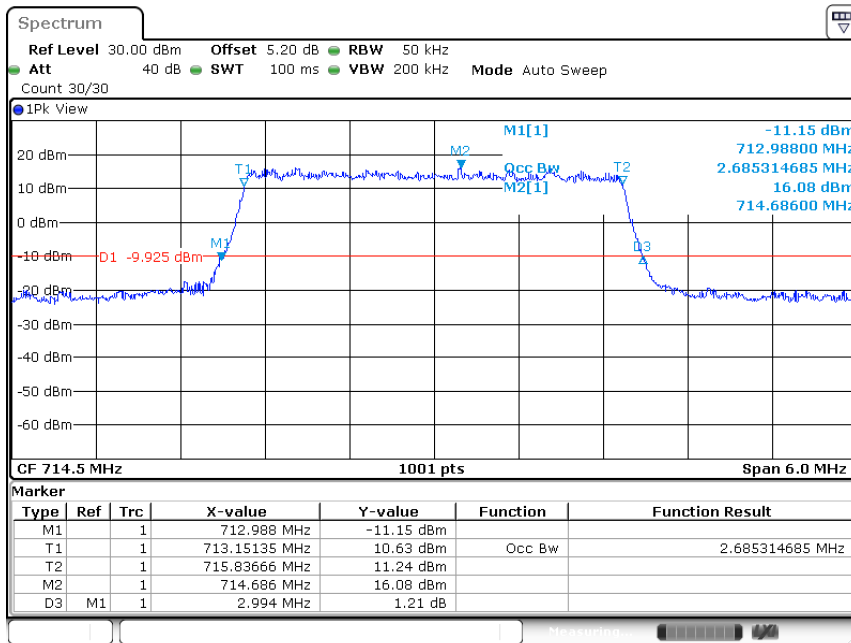


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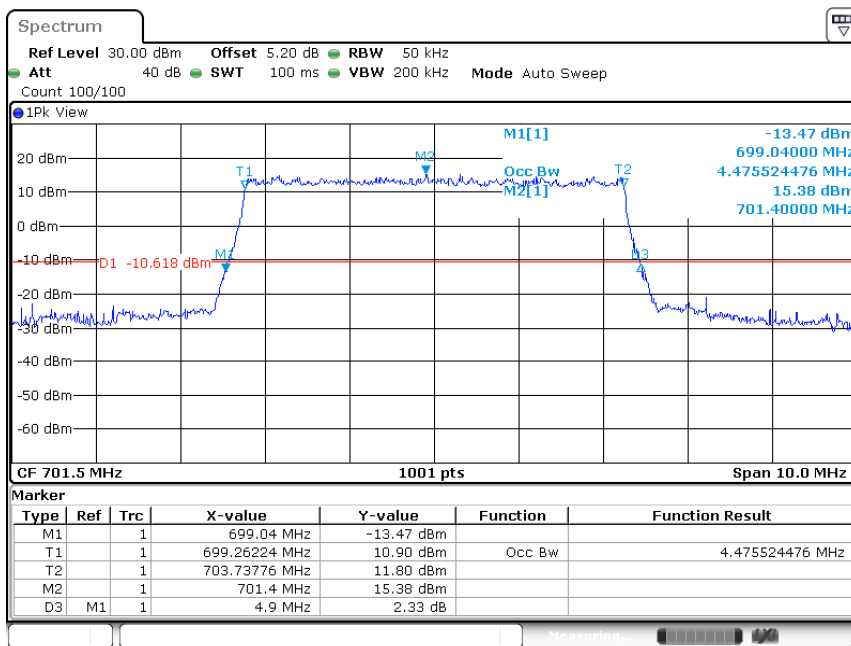
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Band12-3MHz-16QAM-23165-15RB#0-2.685



Date: 10.DEC.2020 15:59:03

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



Date: 10.DEC.2020 15:59:28

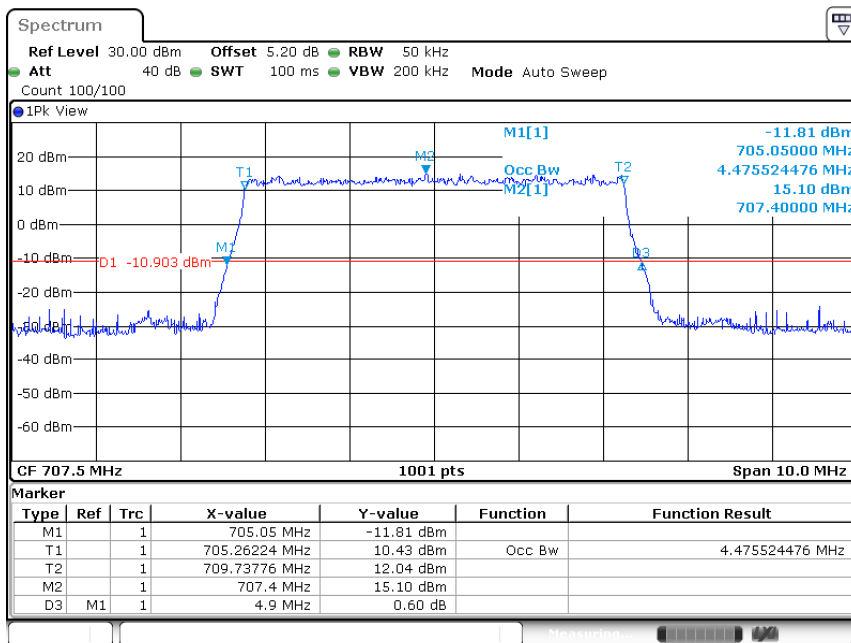


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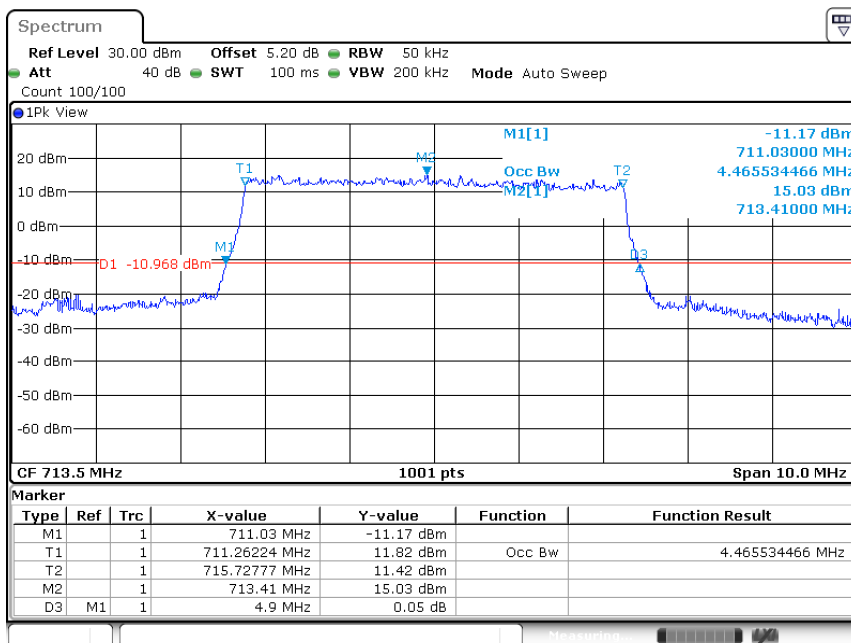
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Band12-5MHz-QPSK-23095-25RB#0-4.476



Date: 10.DEC.2020 16:00:08

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

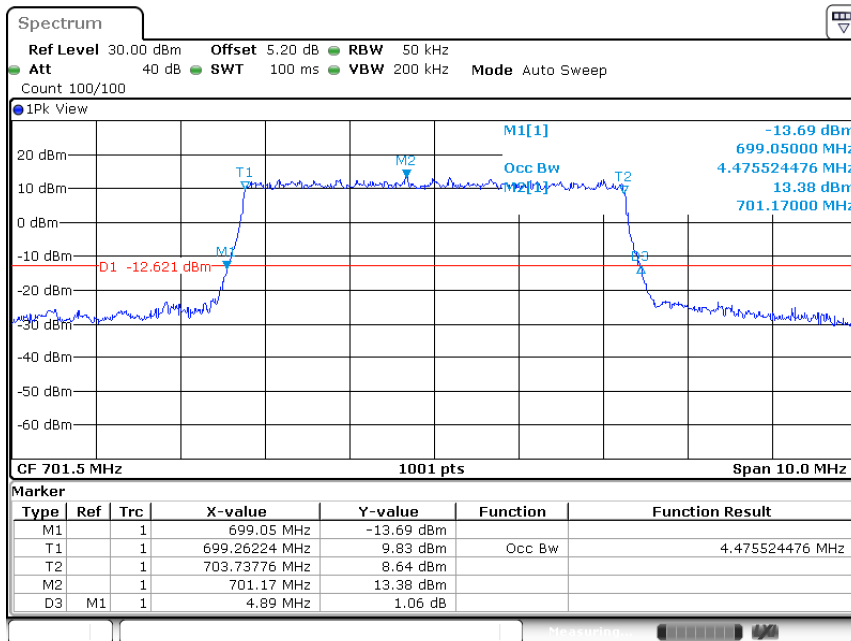


Date: 10.DEC.2020 16:00:47

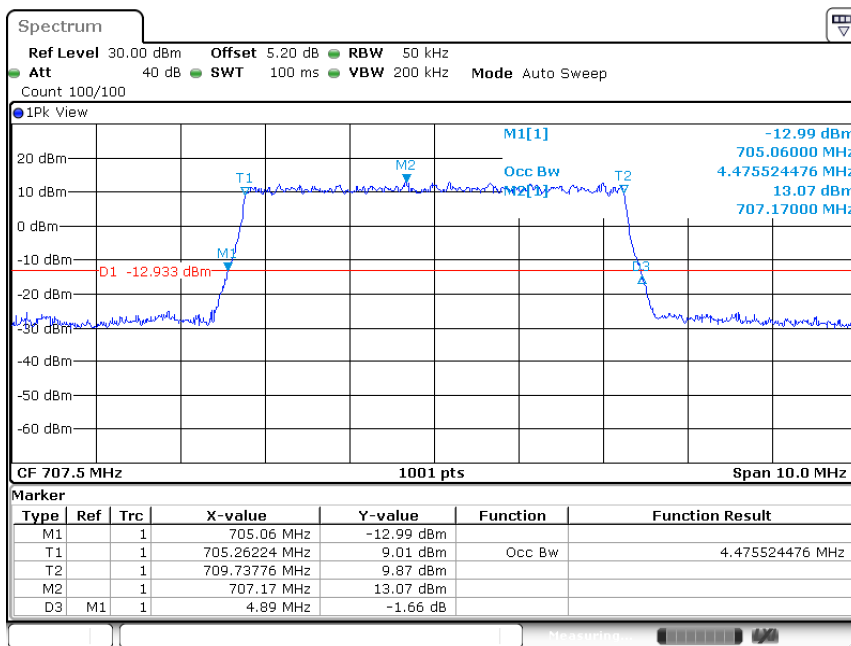


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Band12-5MHz-64QAM-23035-25RB#0-4.476



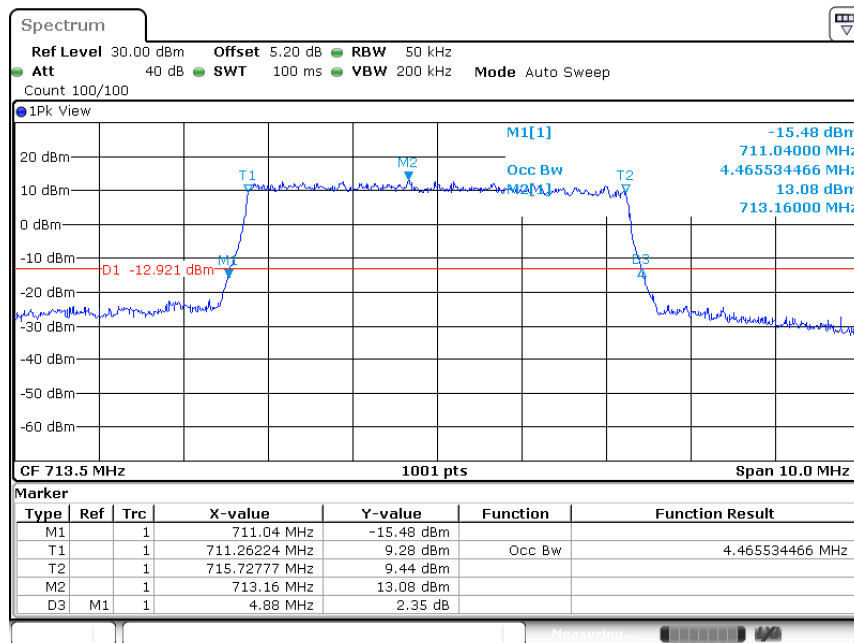
Band12-5MHz-64QAM-23095-25RB#0-4.476



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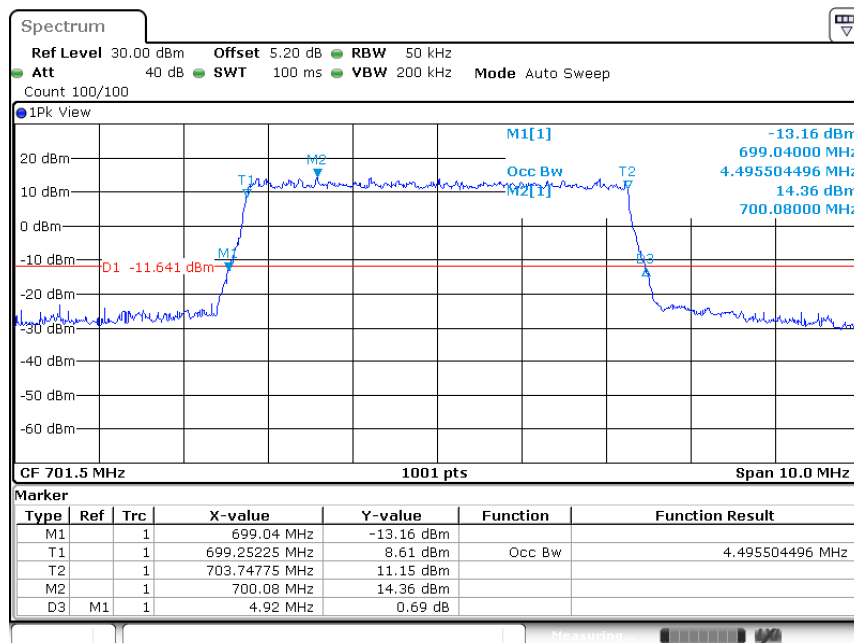
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Band12-5MHz-64QAM-23155-25RB#0-4.466



Date: 10.DEC.2020 17:00:55

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

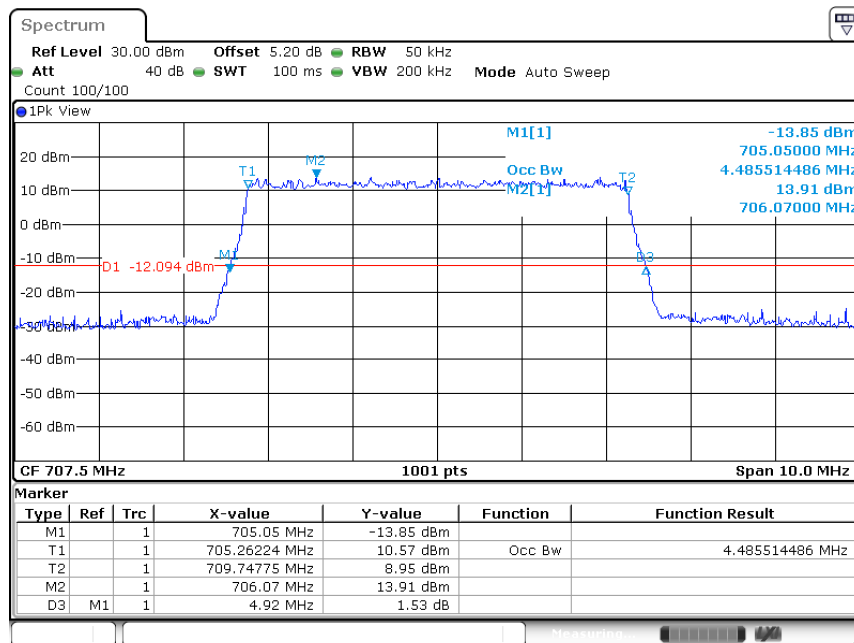


Date: 10.DEC.2020 15:59:48



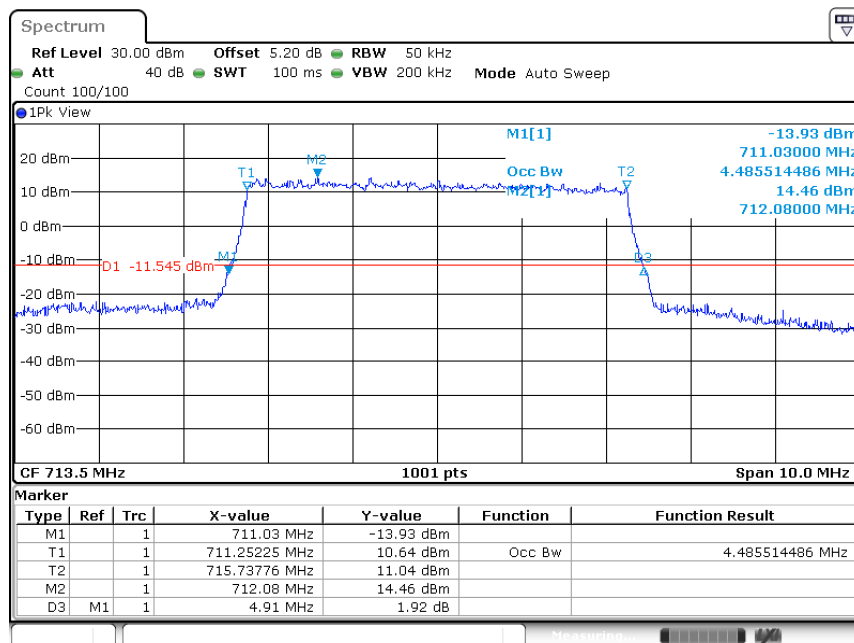
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Band12-5MHz-16QAM-23095-25RB#0-4.486



Date: 10.DEC.2020 16:00:28

Band12-5MHz-16QAM-23155-25RB#0-4.486

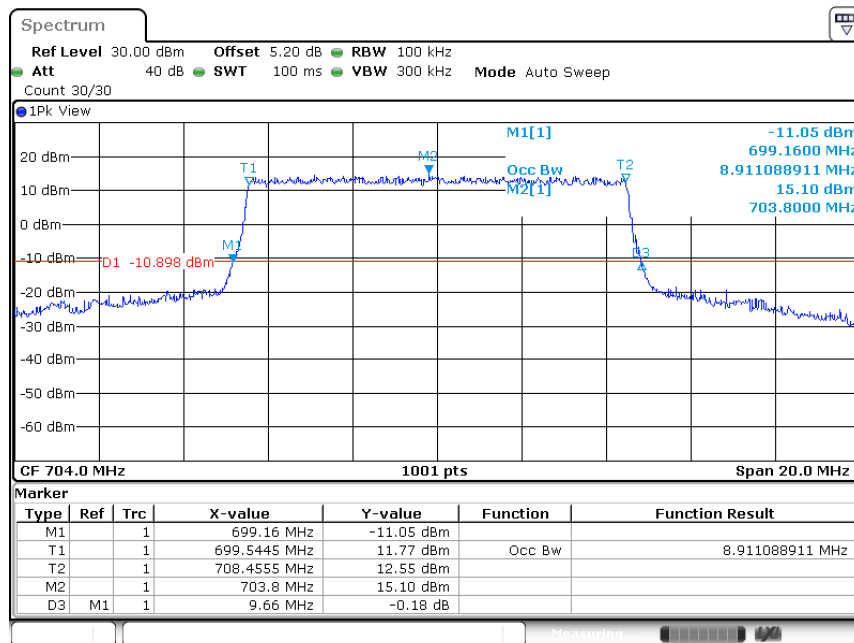


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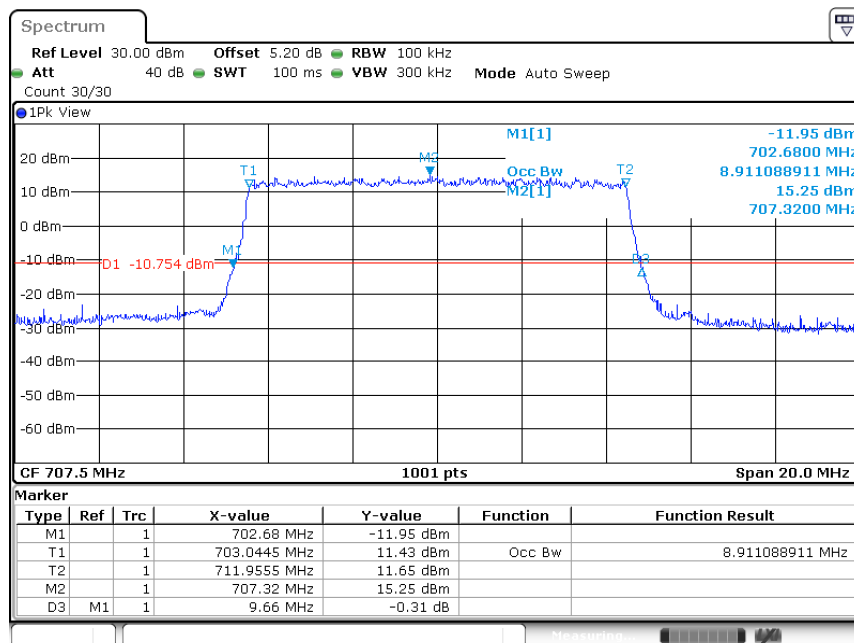
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Band12-10MHz-QPSK-23060-50RB#0-8.911



Date: 10.DEC.2020 16:01:26

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



Date: 10.DEC.2020 16:01:51

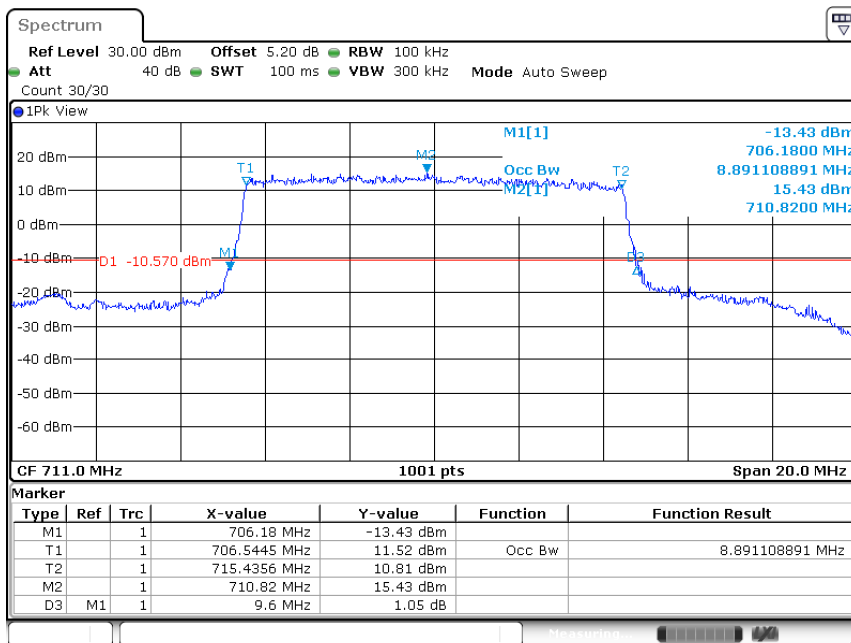


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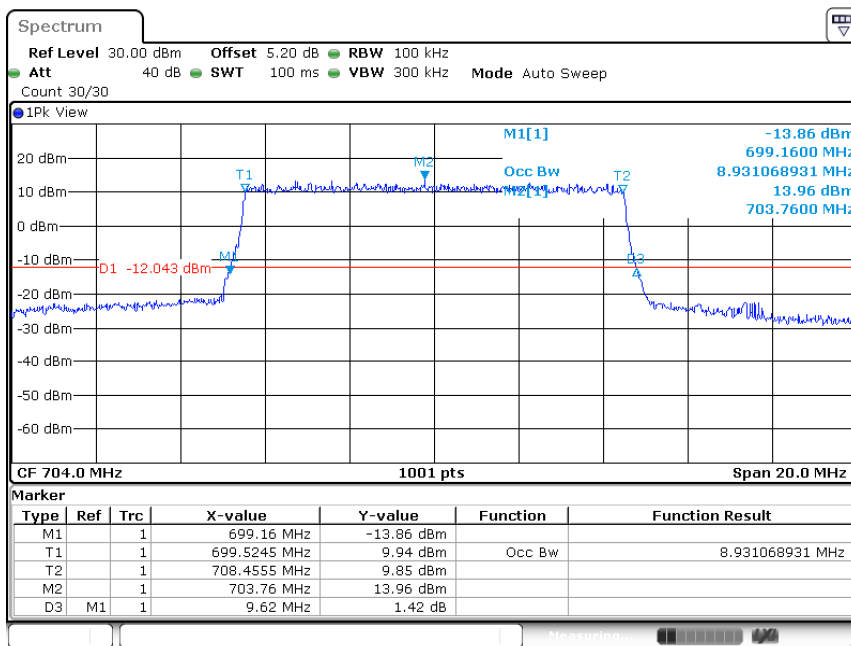
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Band12-10MHz-QPSK-23130-50RB#0-8.891



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

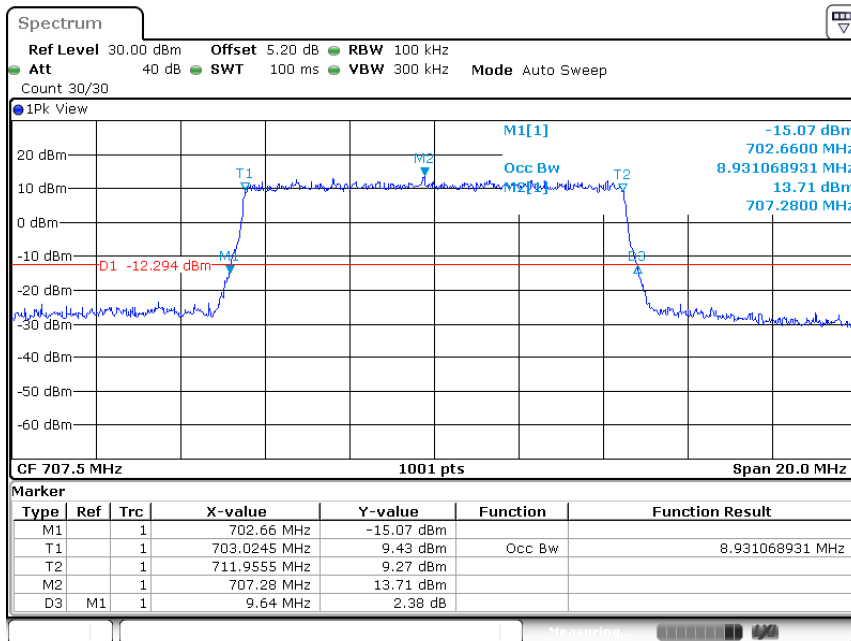


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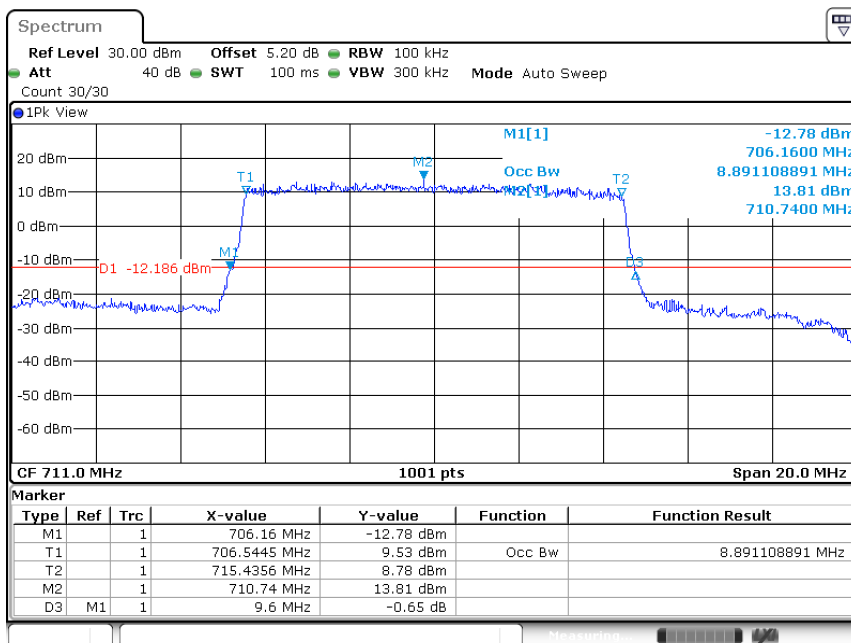
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Band12-10MHz-64QAM-23095-50RB#0-8.931



Date: 10.DEC.2020 17:01:28

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

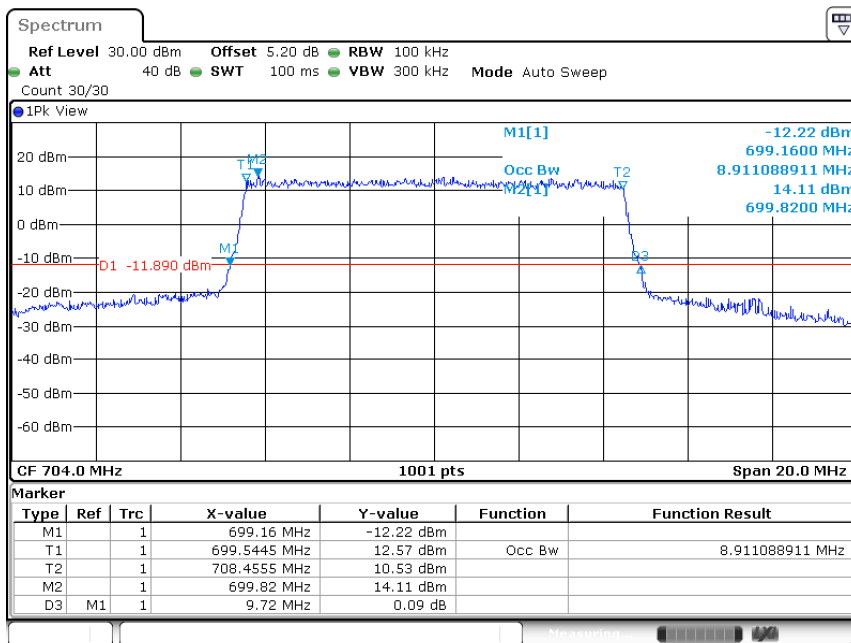


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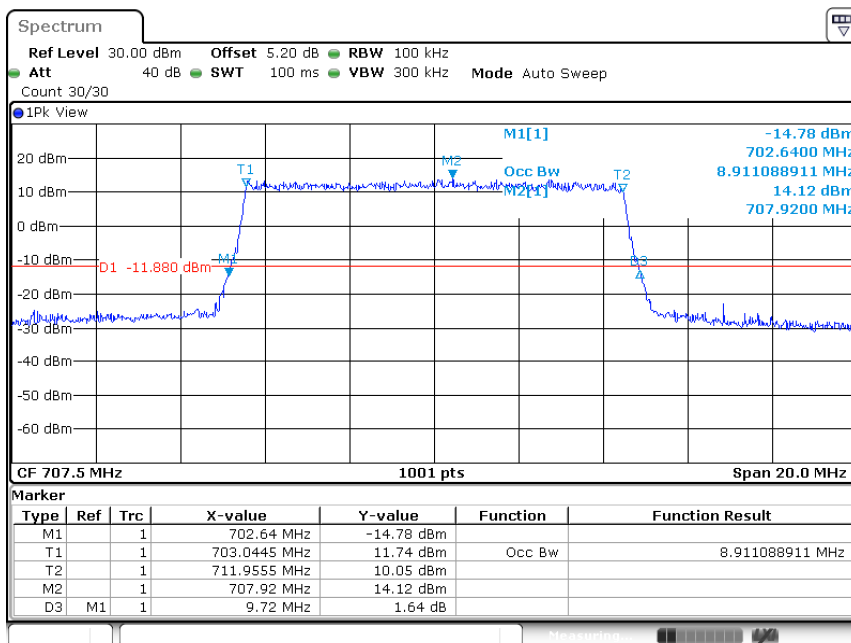
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Band12-10MHz-16QAM-23060-50RB#0-8.911



Date: 10.DEC.2020 16:01:38

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

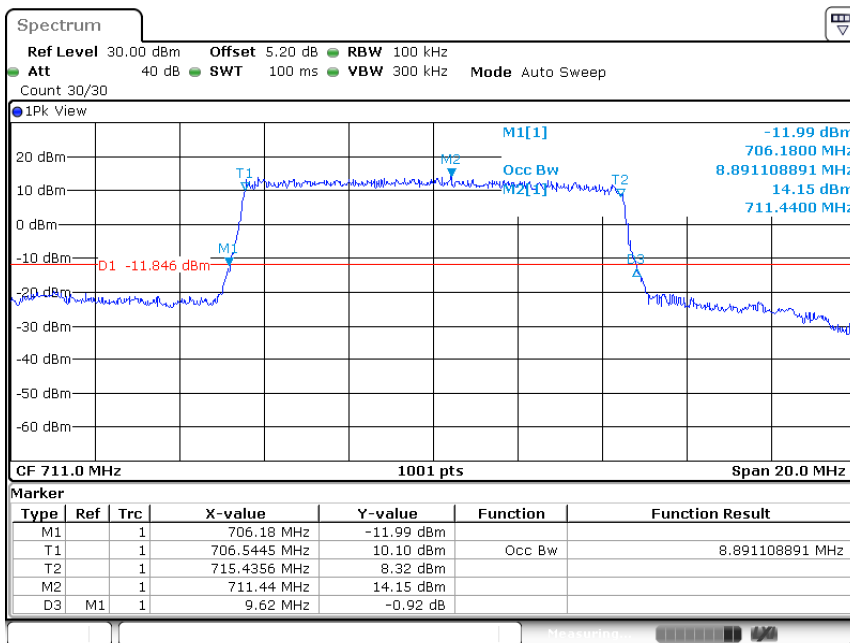


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Band12-10MHz-16QAM-23130-50RB#0-8.891



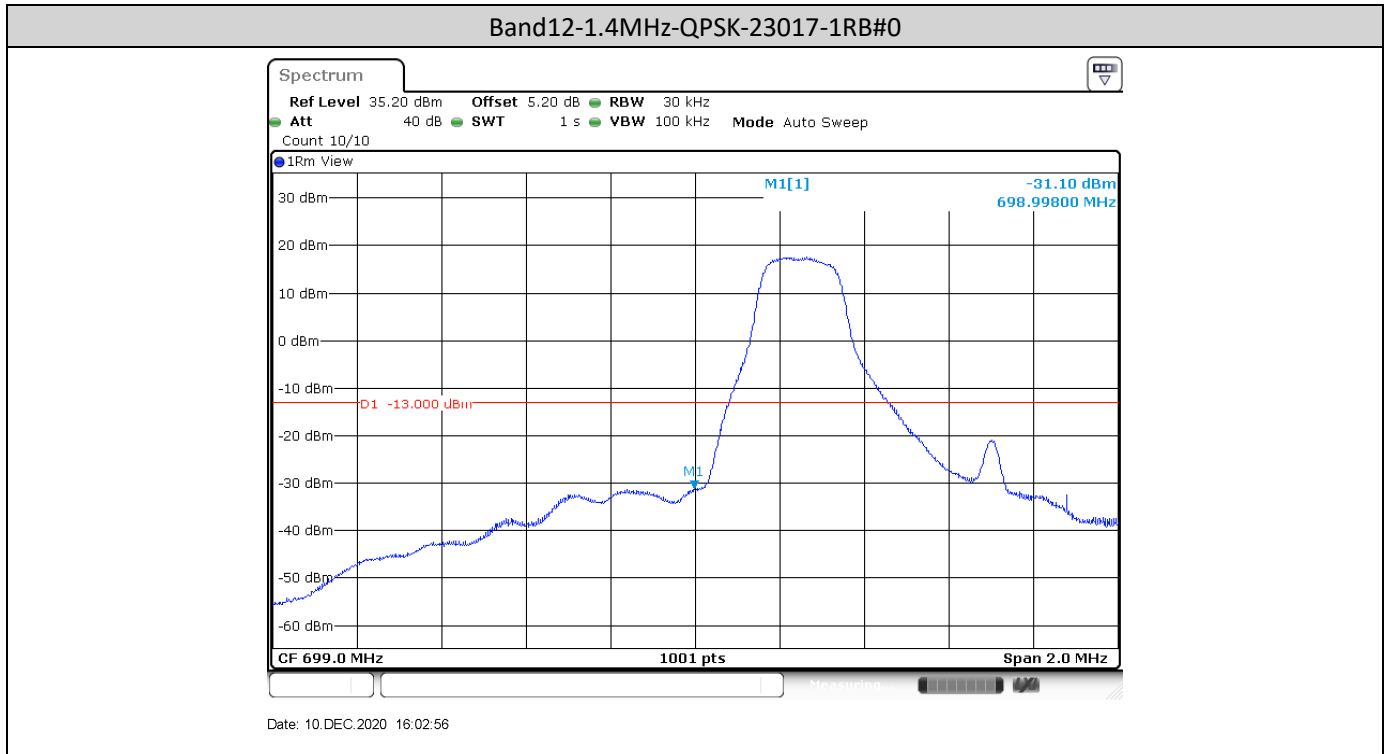
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5. Band Edge Compliance

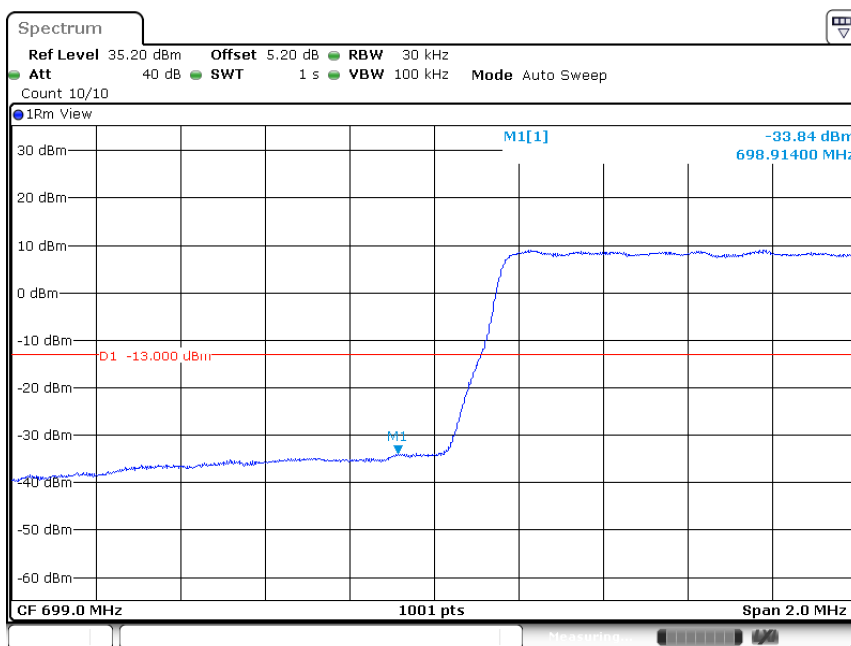
5.1. Test Plots



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



Date: 10.DEC.2020 16:03:37

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

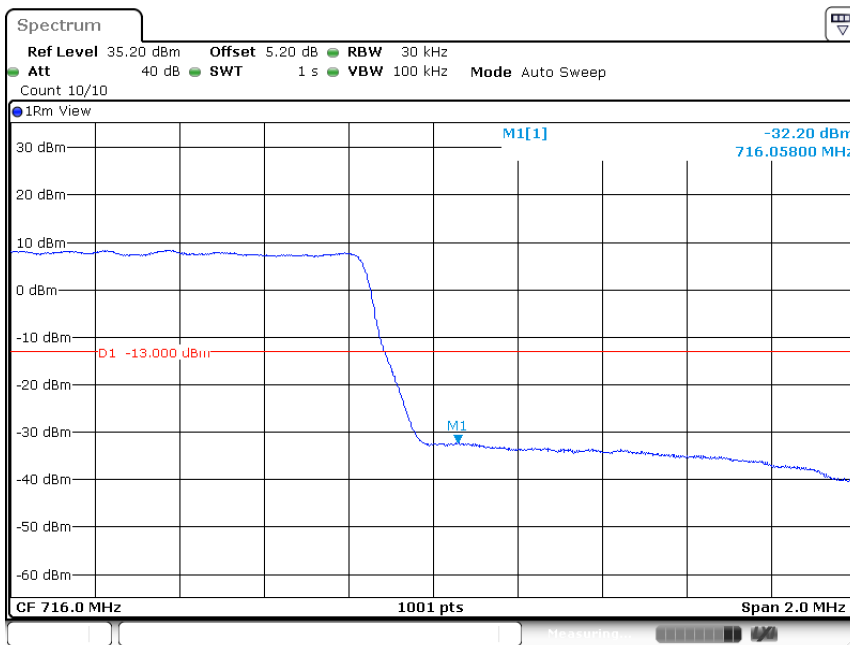


Date: 10.DEC.2020 16:04:22



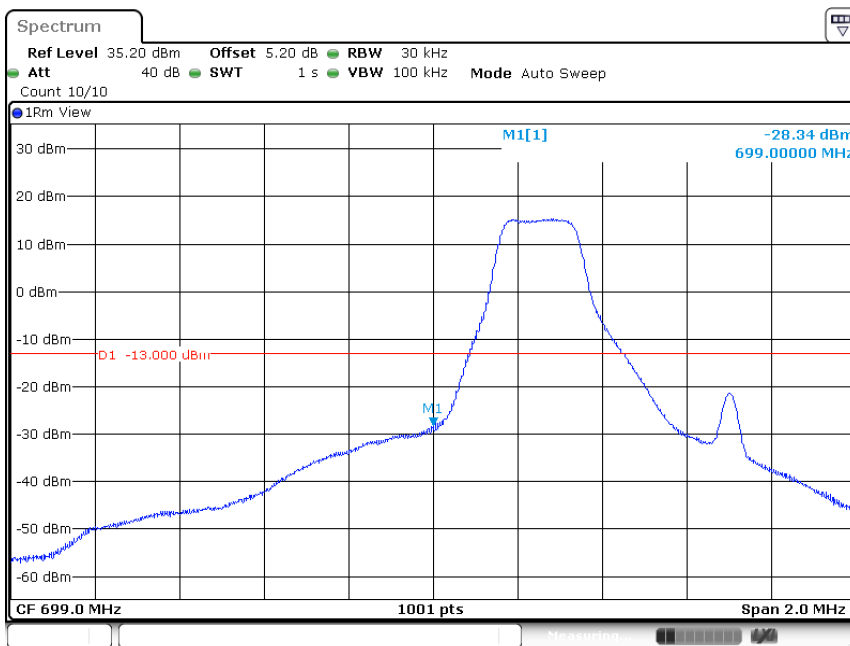
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Band12-1.4MHz-QPSK-23173-6RB#0



Date: 10.DEC.2020 16:05:03

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

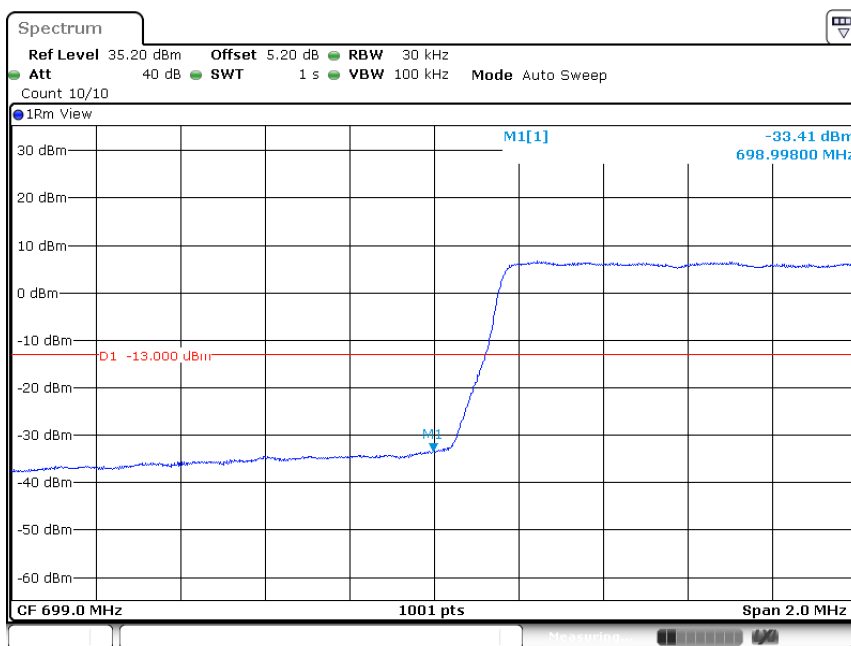


Date: 10.DEC.2020 17:02:08



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



Date: 10.DEC.2020 17:02:29

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



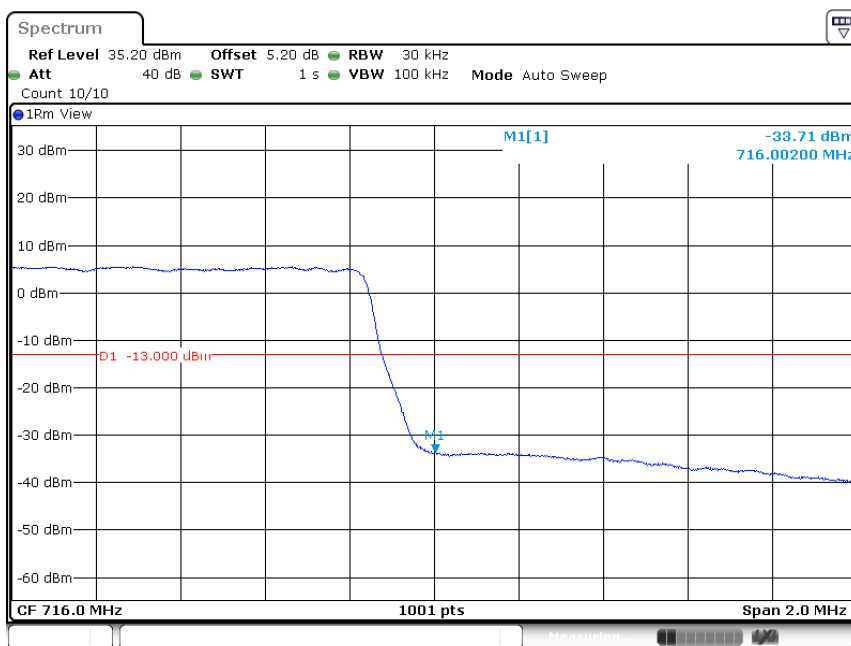
Date: 10.DEC.2020 17:02:54



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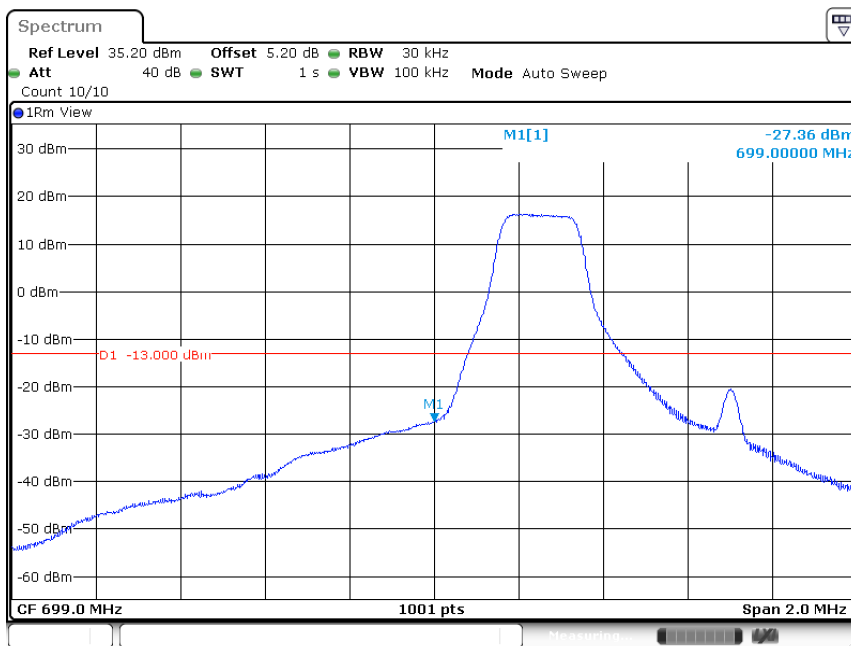
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Band12-1.4MHz-64QAM-23173-6RB#0



Date: 10.DEC.2020 17:03:15

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

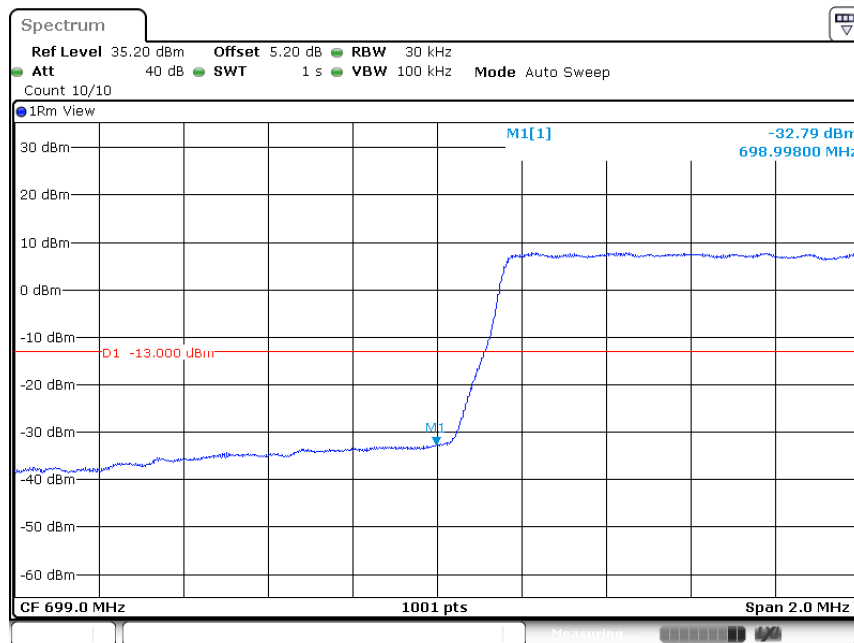


Date: 10.DEC.2020 16:03:16



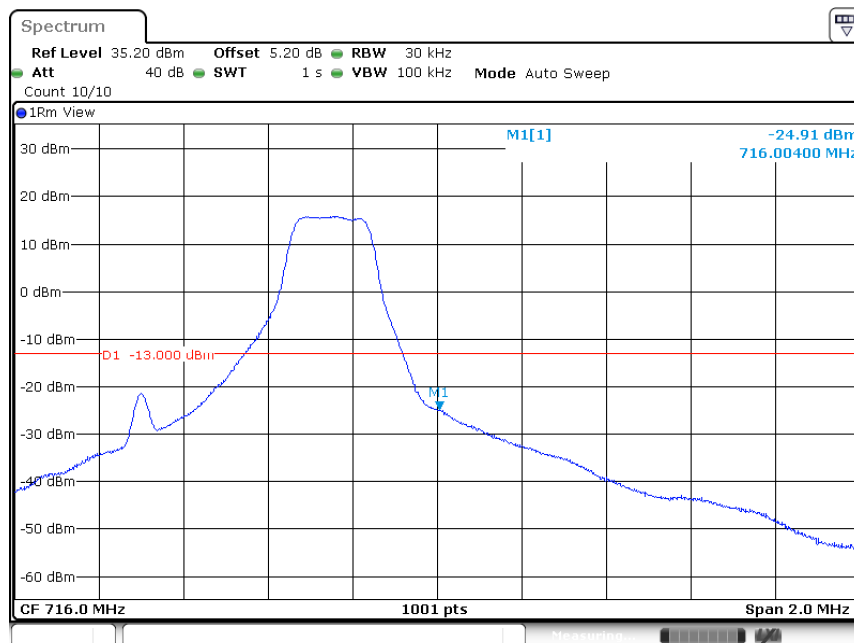
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Band12-1.4MHz-16QAM-23017-6RB#0



Date: 10.DEC.2020 16:03:57

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

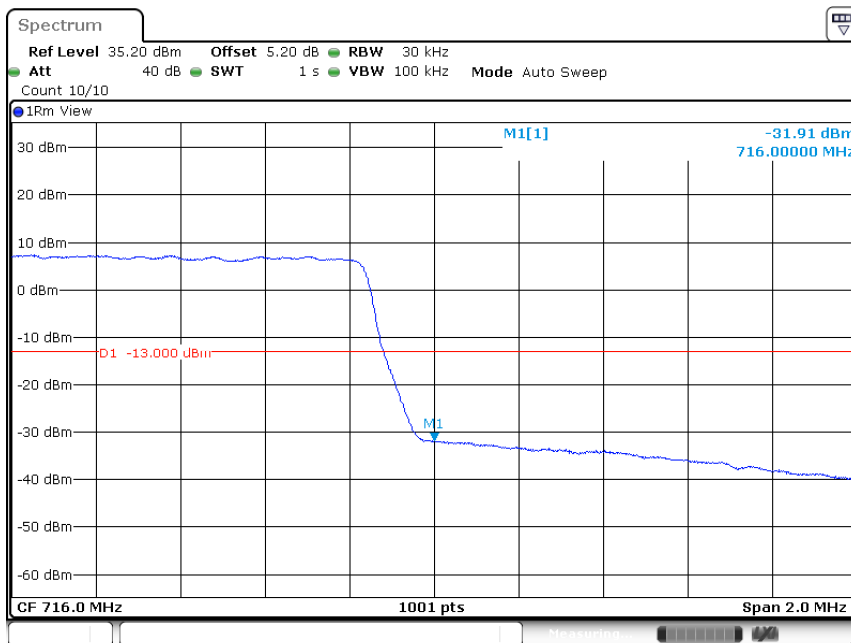


Date: 10.DEC.2020 16:04:43



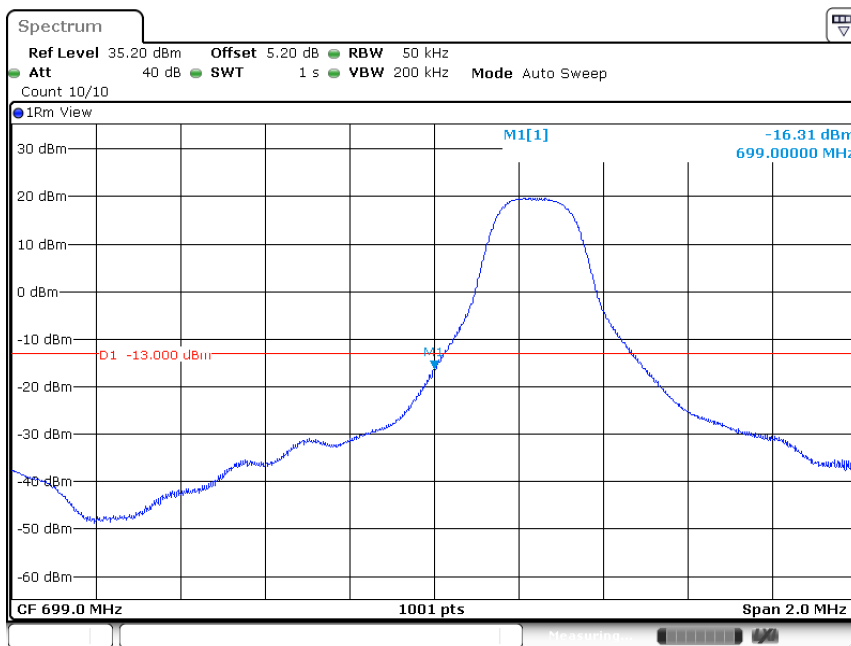
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Band12-1.4MHz-16QAM-23173-6RB#0



Date: 10.DEC.2020 16:05:24

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

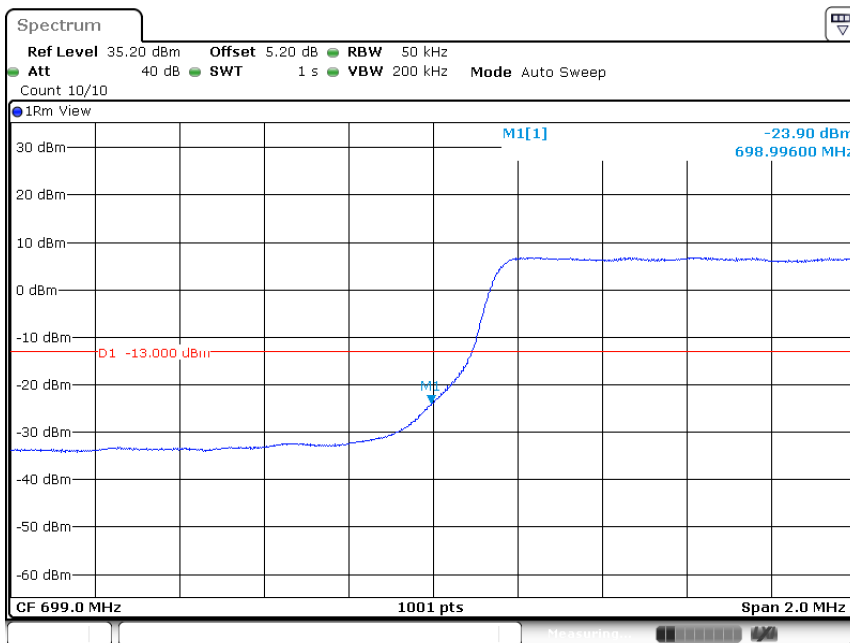


Date: 10.DEC.2020 16:05:50



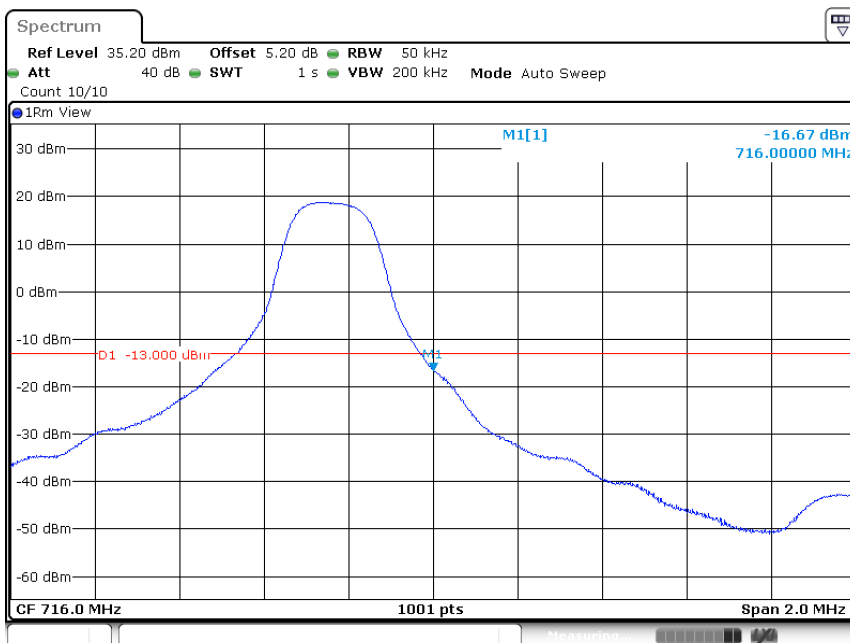
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Band12-3MHz-QPSK-23025-15RB#0



Date: 10.DEC.2020 16:06:32

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

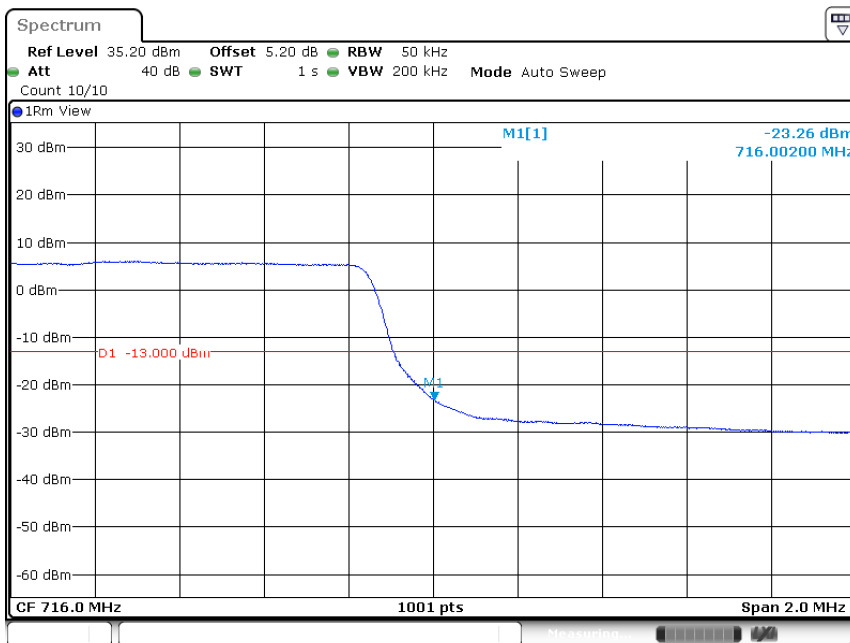


Date: 10.DEC.2020 16:07:17



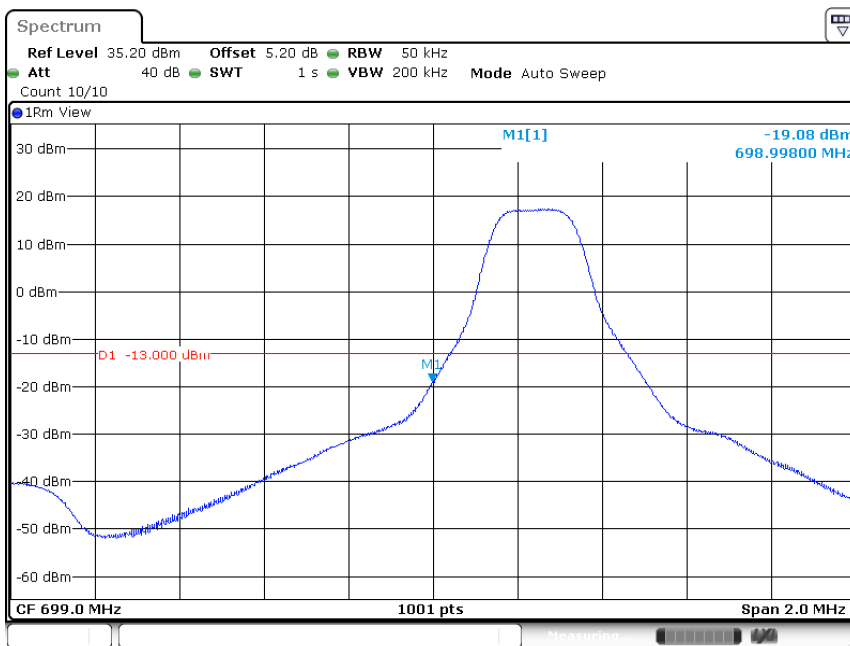
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Band12-3MHz-QPSK-23165-15RB#0



Date: 10.DEC.2020 16:07:58

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

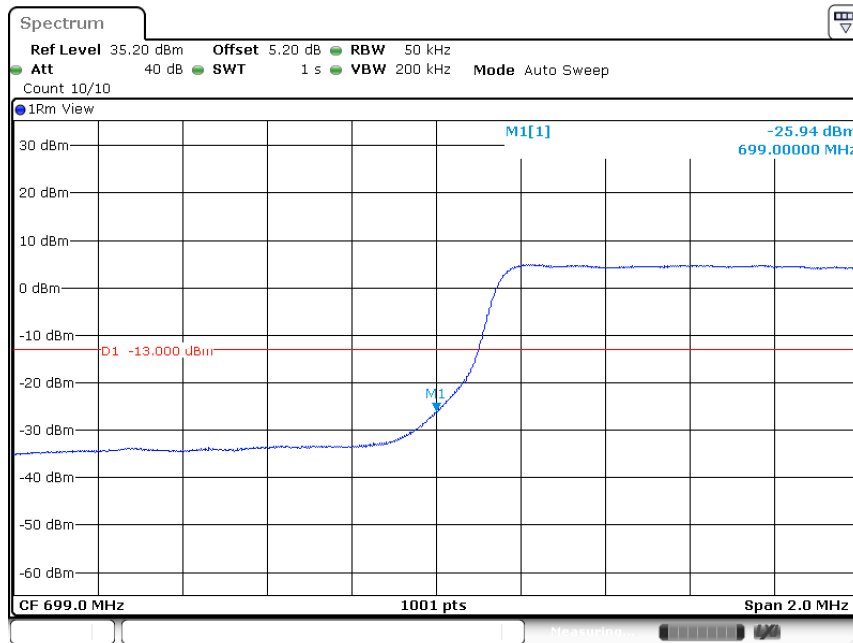


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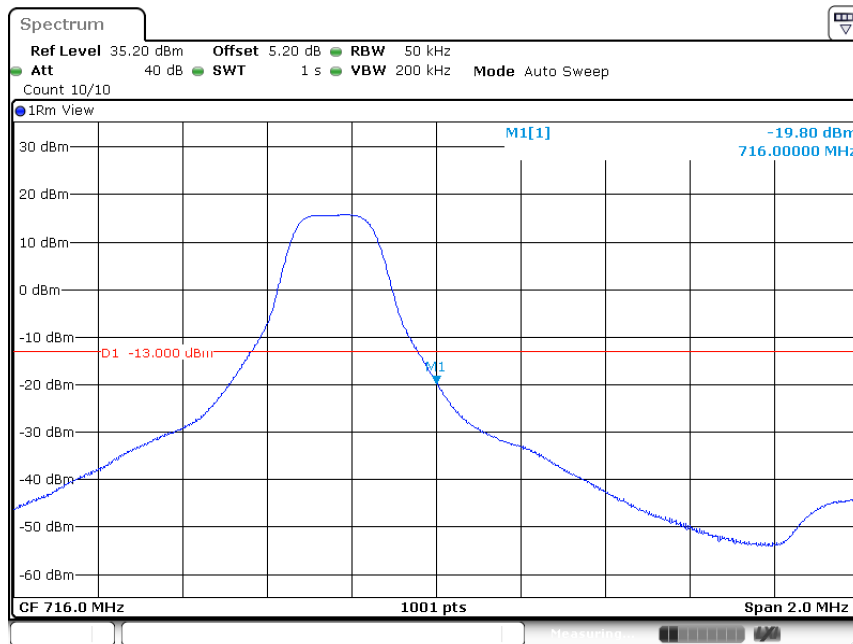
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Band12-3MHz-64QAM-23025-15RB#0



Date: 10.DEC.2020 17:04:03

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

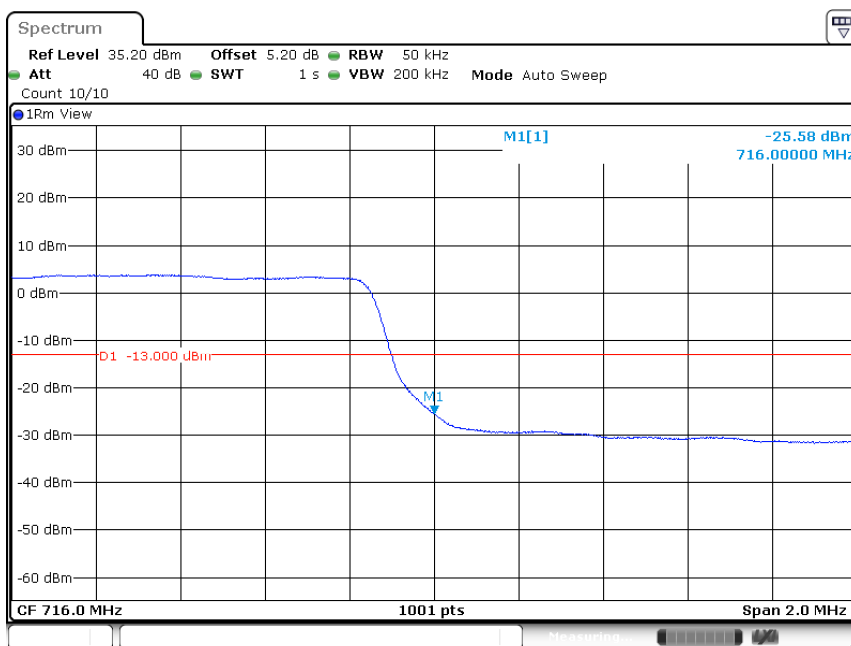


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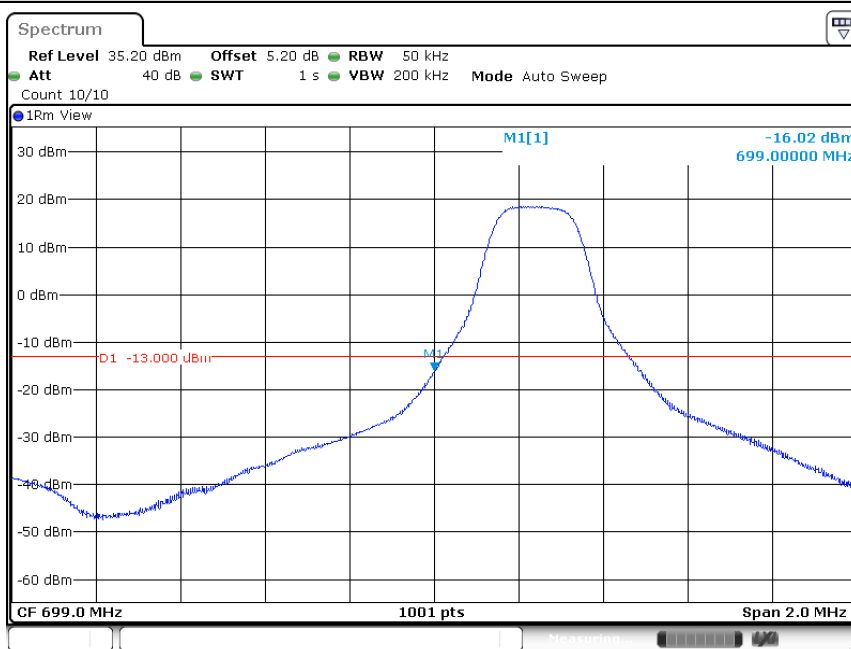
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Band12-3MHz-64QAM-23165-15RB#0



Date: 10.DEC.2020 17:04:50

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

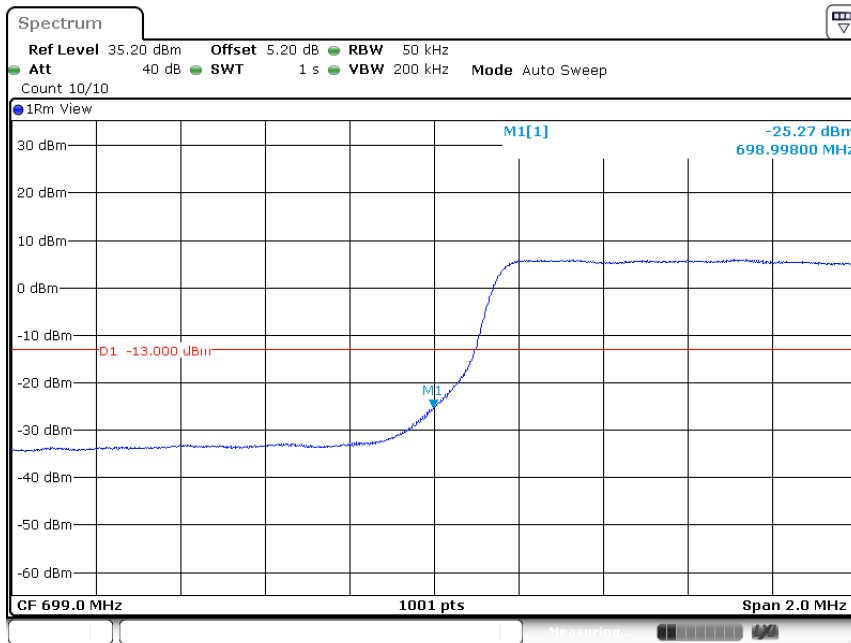


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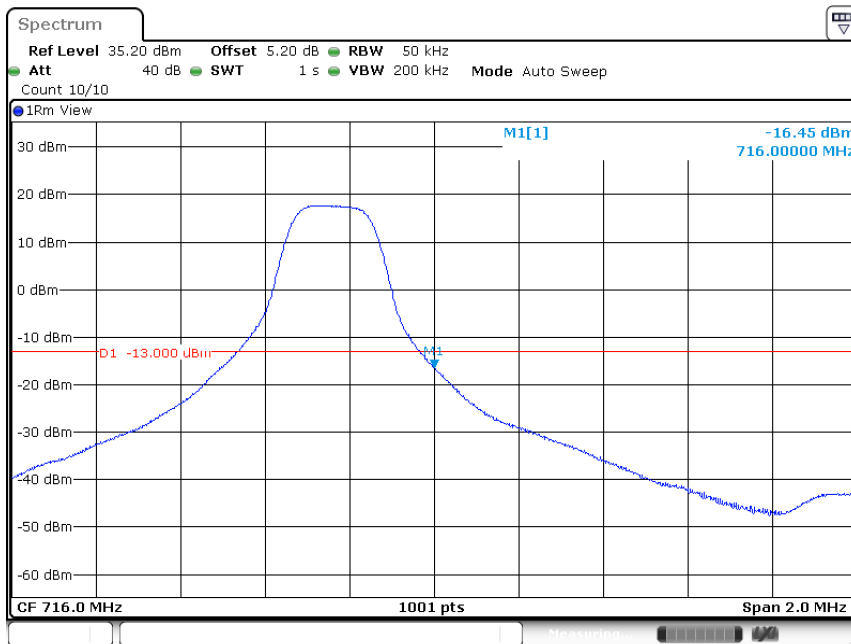
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Band12-3MHz-16QAM-23025-15RB#0



Date: 10.DEC.2020 16:06:52

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

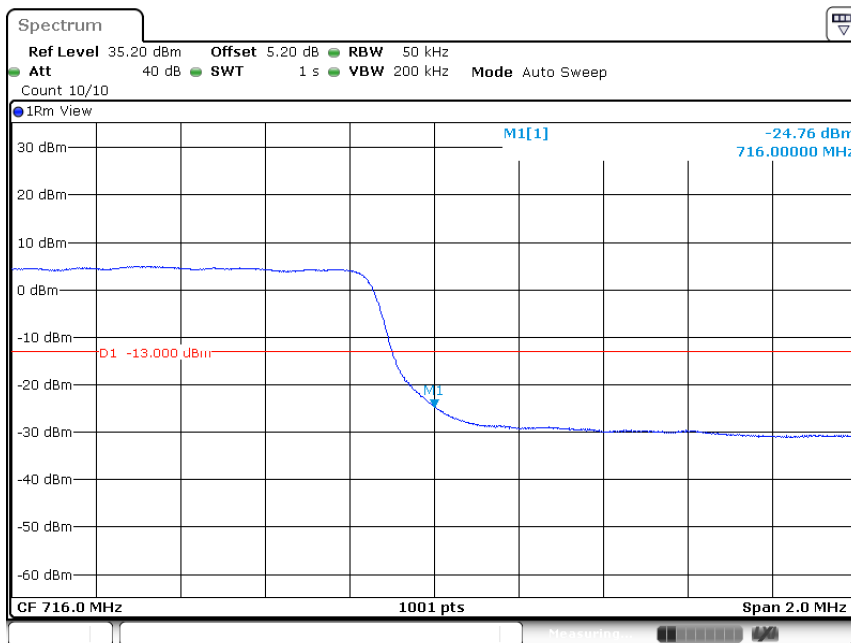


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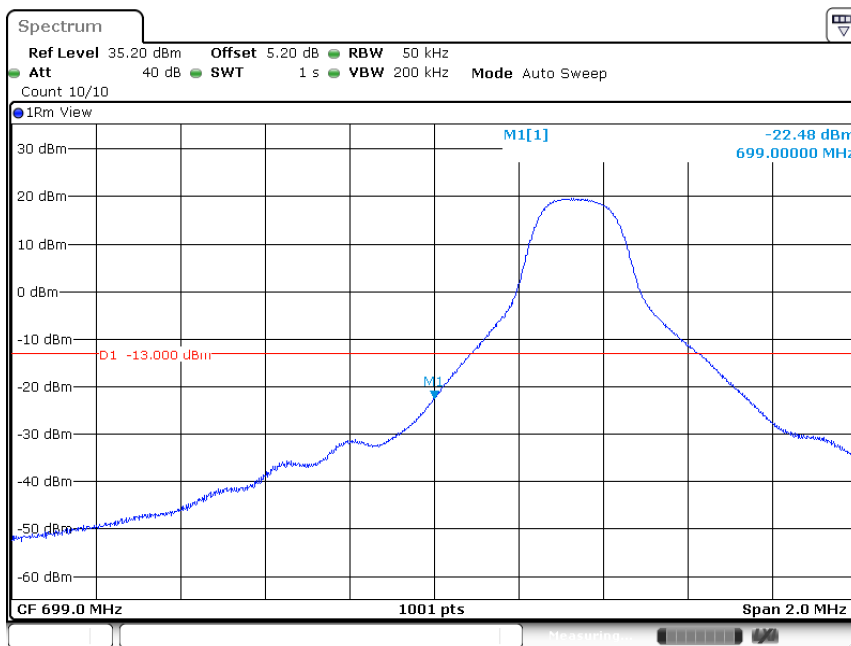
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Band12-3MHz-16QAM-23165-15RB#0



Date: 10.DEC.2020 16:08:18

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

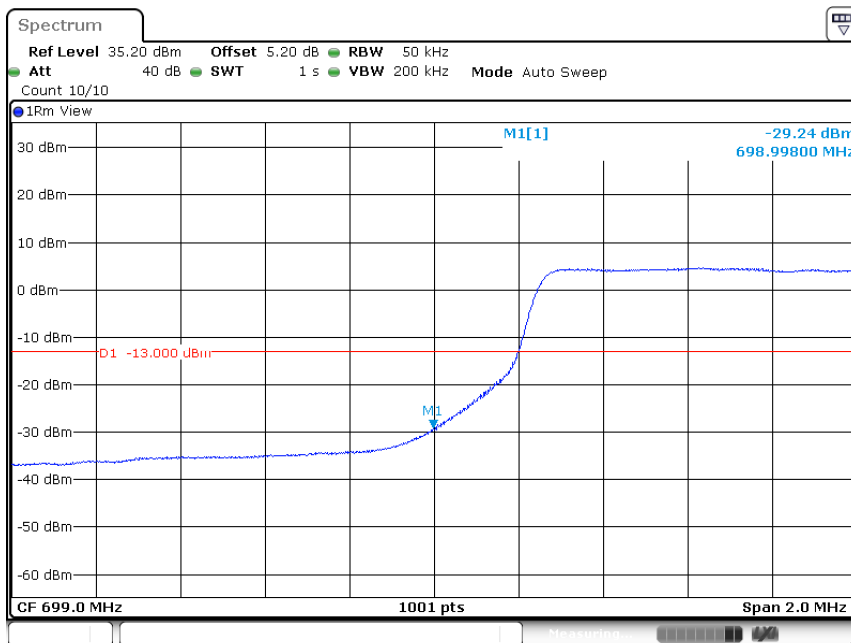


Date: 10.DEC.2020 16:08:46



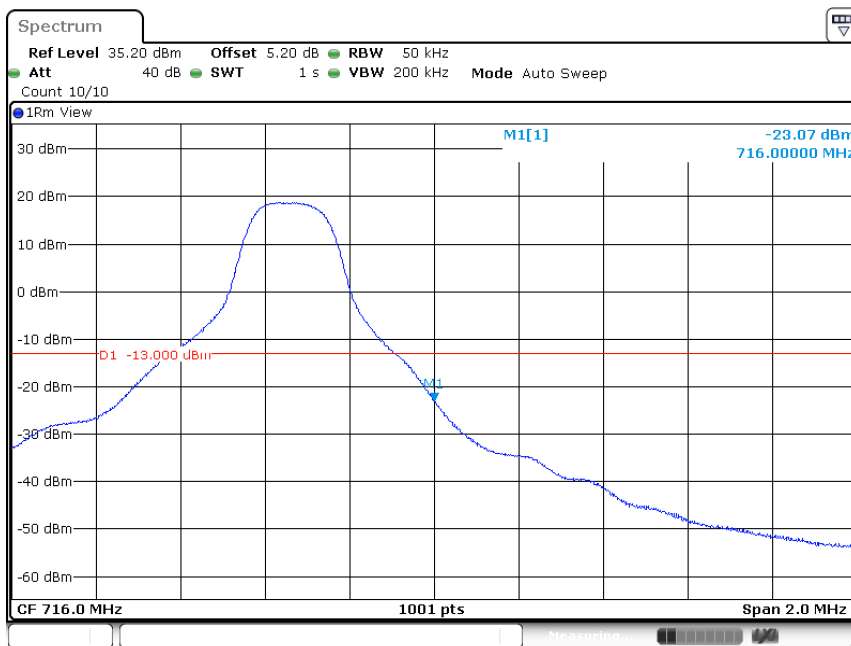
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Band12-5MHz-QPSK-23035-25RB#0



Date: 10.DEC.2020 16:09:27

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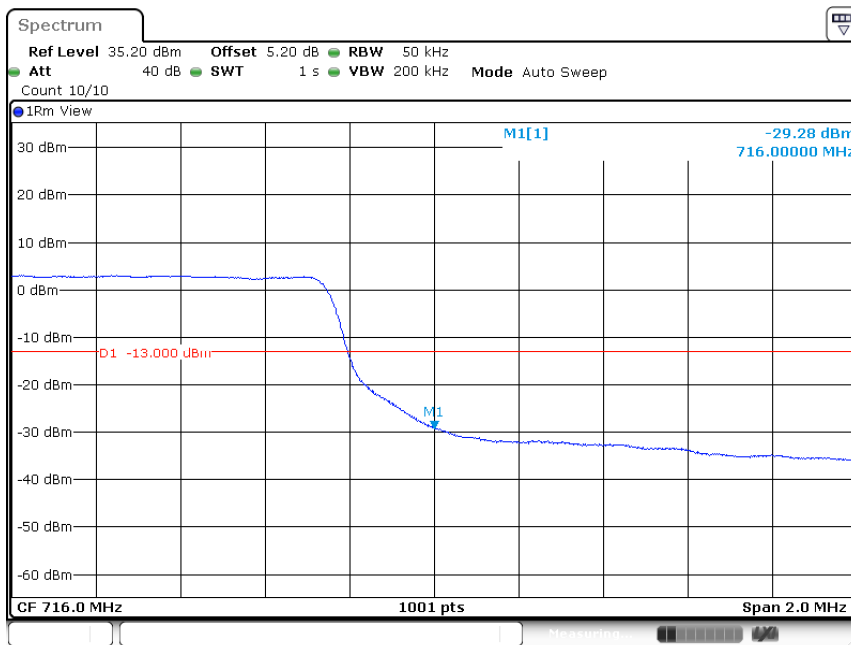


Date: 10.DEC.2020 16:10:12



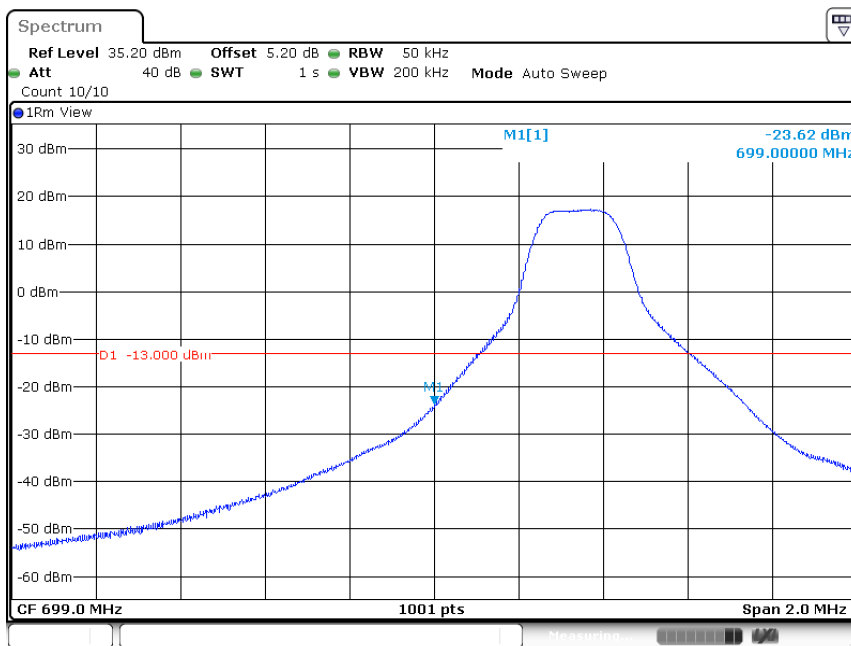
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Band12-5MHz-QPSK-23155-25RB#0



Date: 10.DEC.2020 16:10:53

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

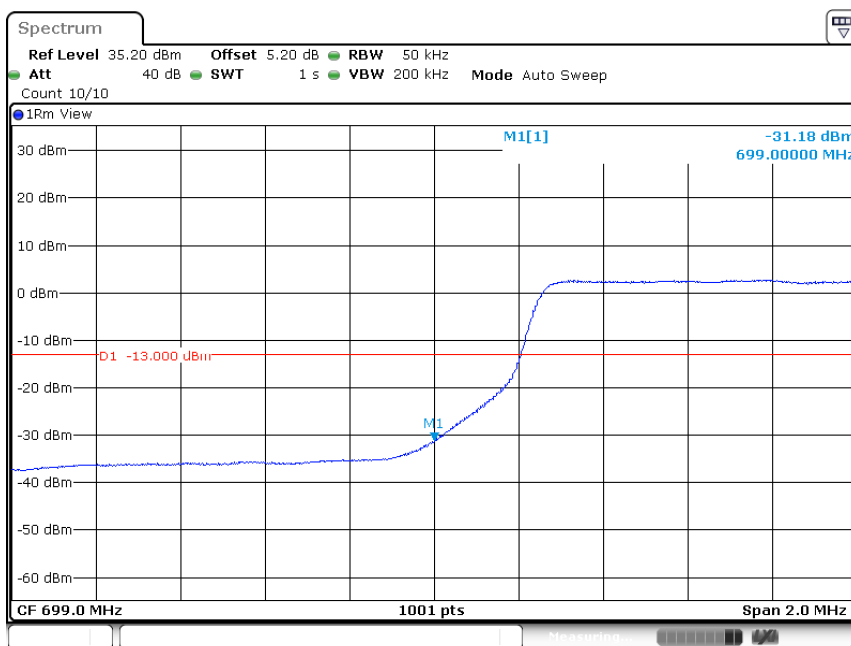


Date: 10.DEC.2020 17:05:17



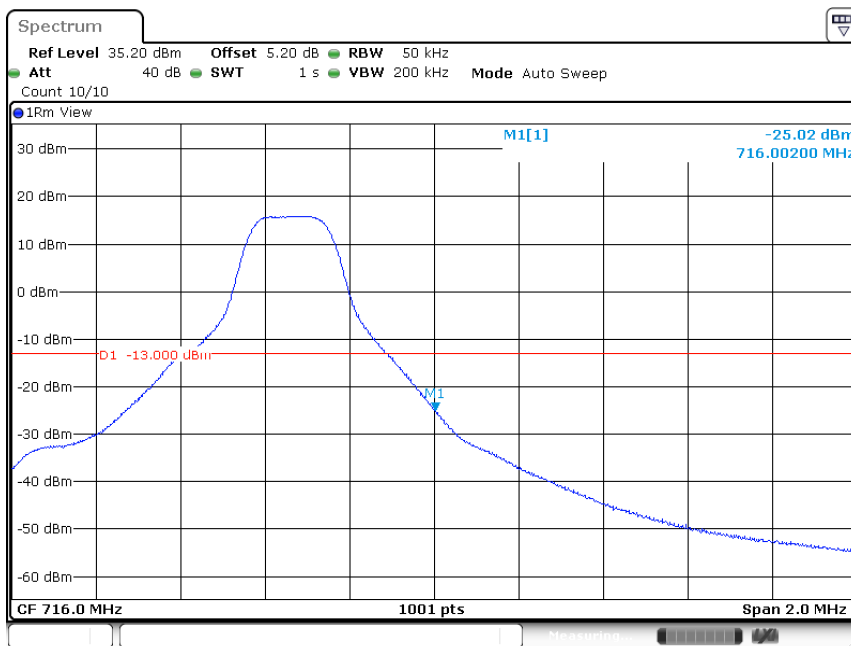
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Band12-5MHz-64QAM-23035-25RB#0



Date: 10.DEC.2020 17:05:37

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

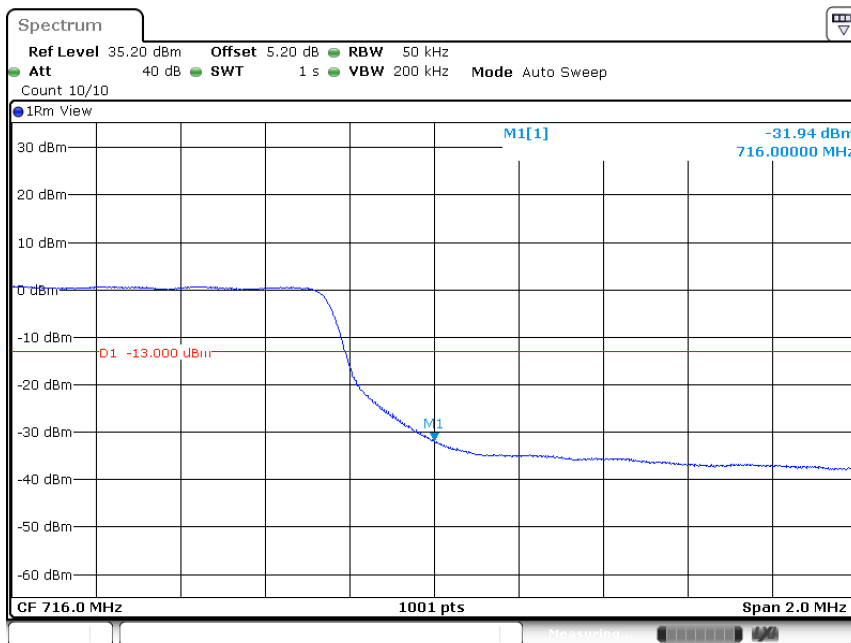


Date: 10.DEC.2020 17:06:03



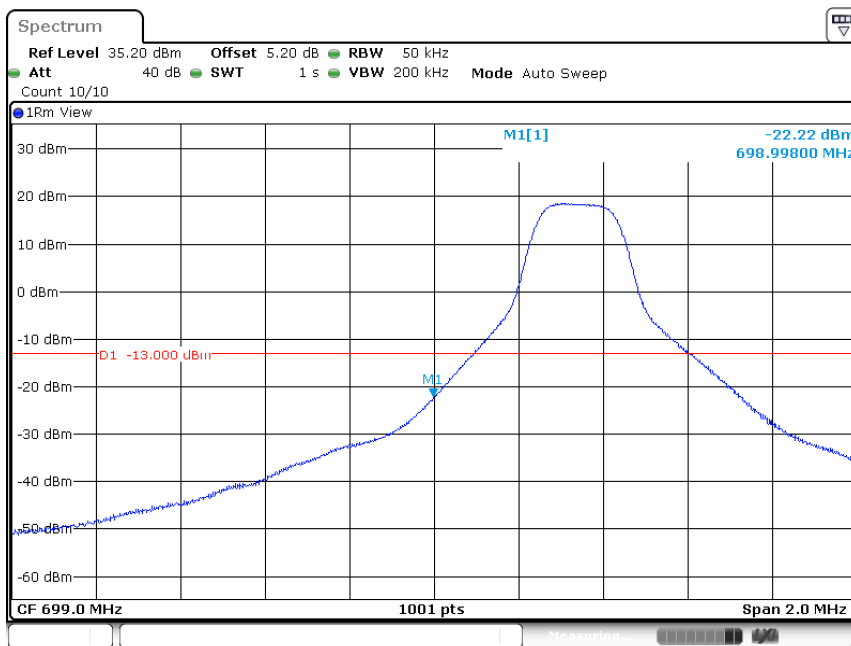
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Band12-5MHz-64QAM-23155-25RB#0



Date: 10.DEC.2020 17:06:24

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

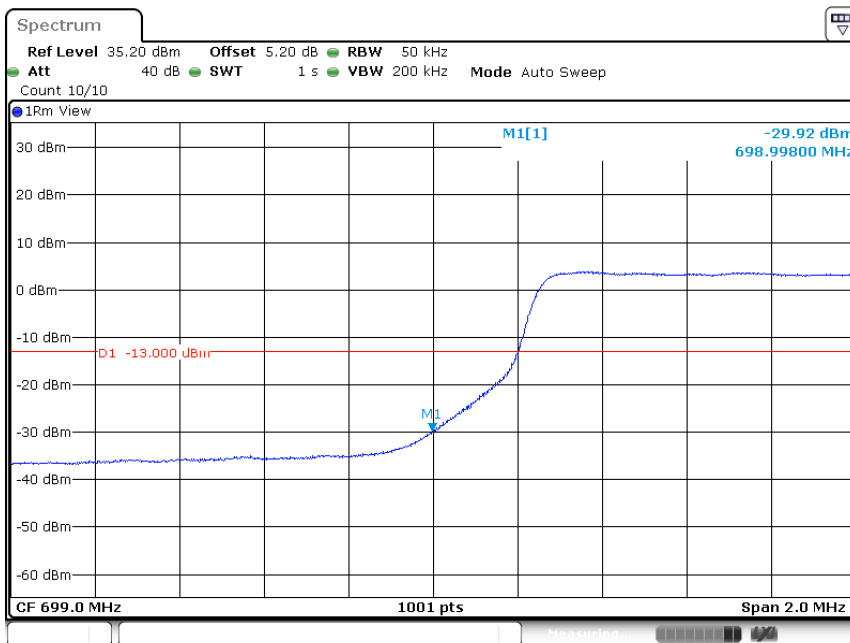


Date: 10.DEC.2020 16:09:06



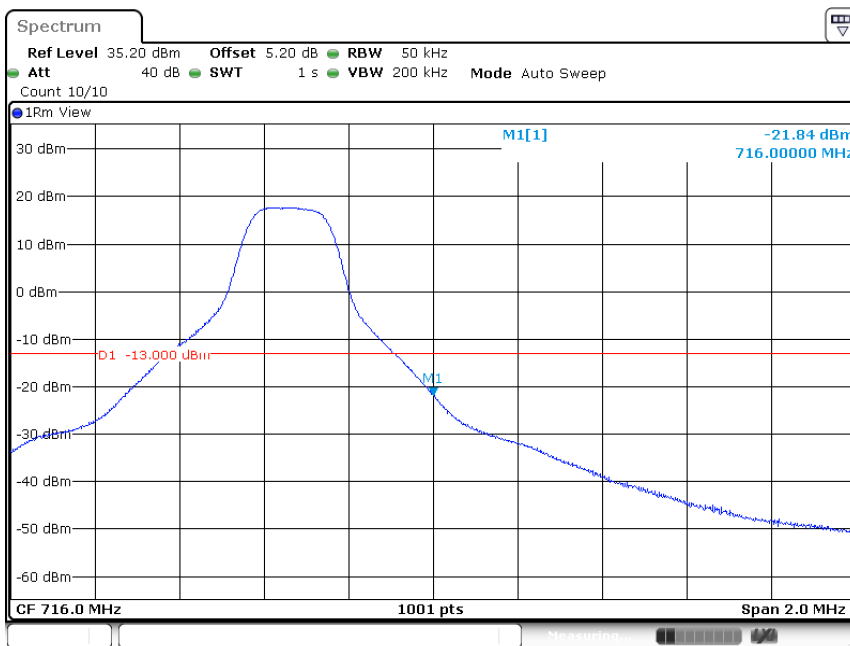
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Band12-5MHz-16QAM-23035-25RB#0



Date: 10.DEC.2020 16:09:47

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

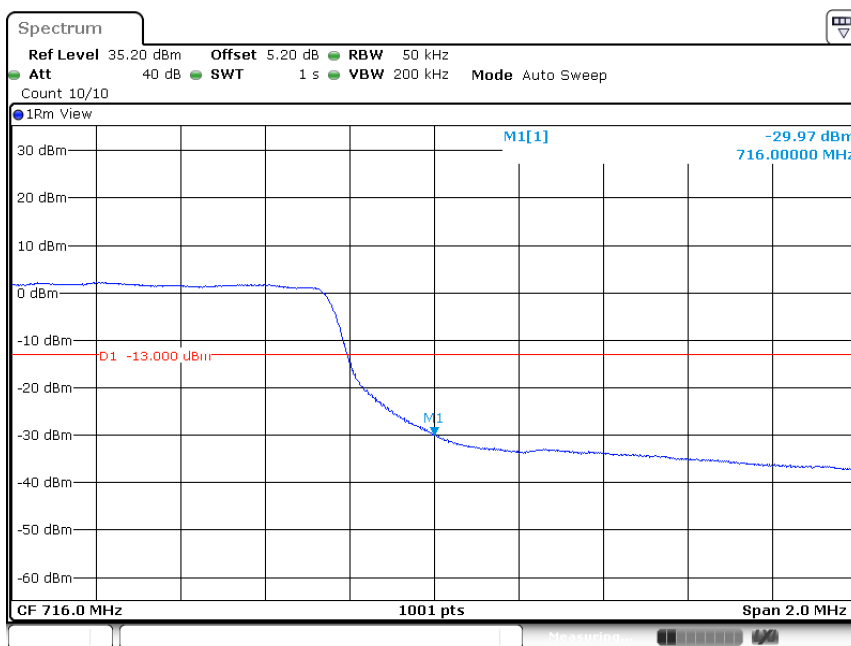


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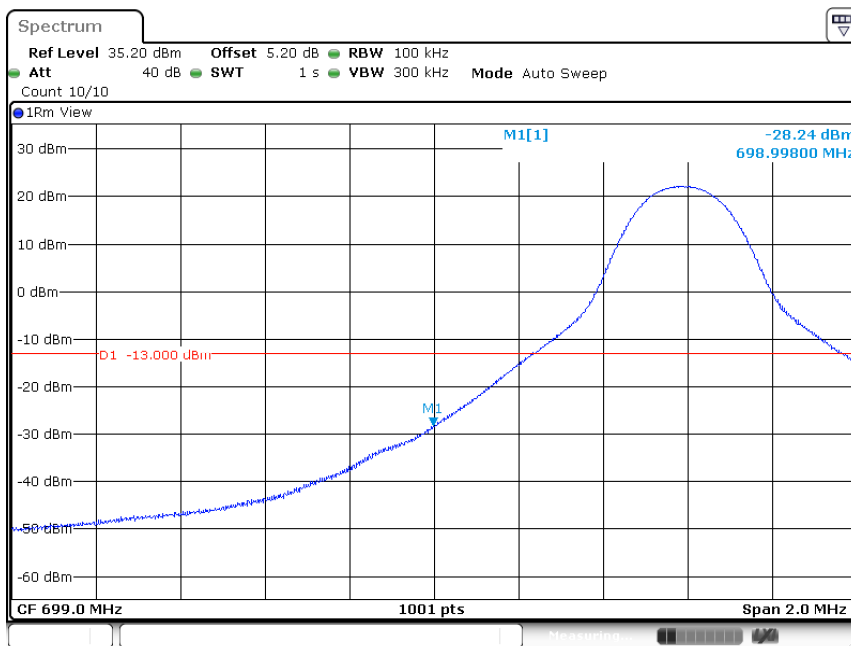


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Band12-5MHz-16QAM-23155-25RB#0



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

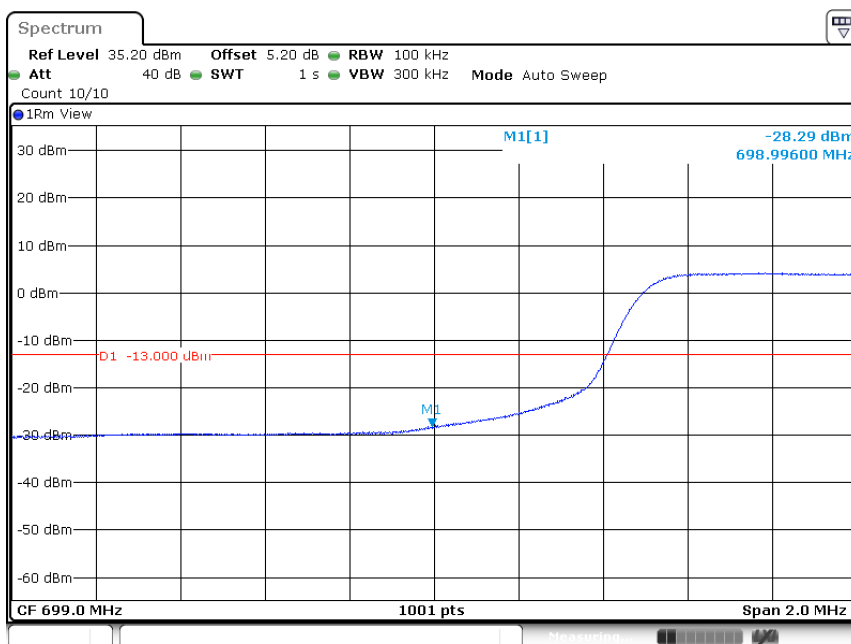


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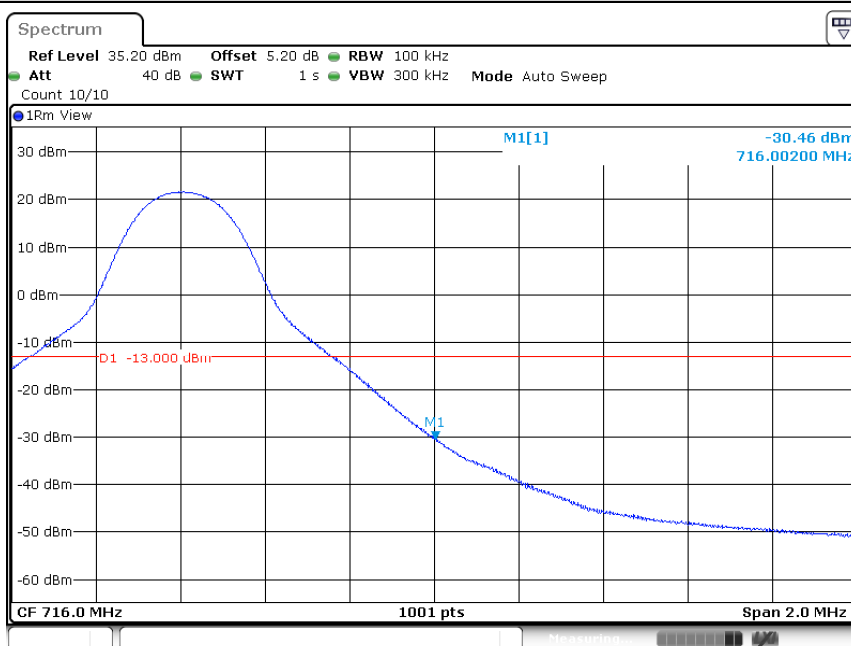
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Band12-10MHz-QPSK-23060-50RB#0



Date: 10.DEC.2020 16:12:22

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

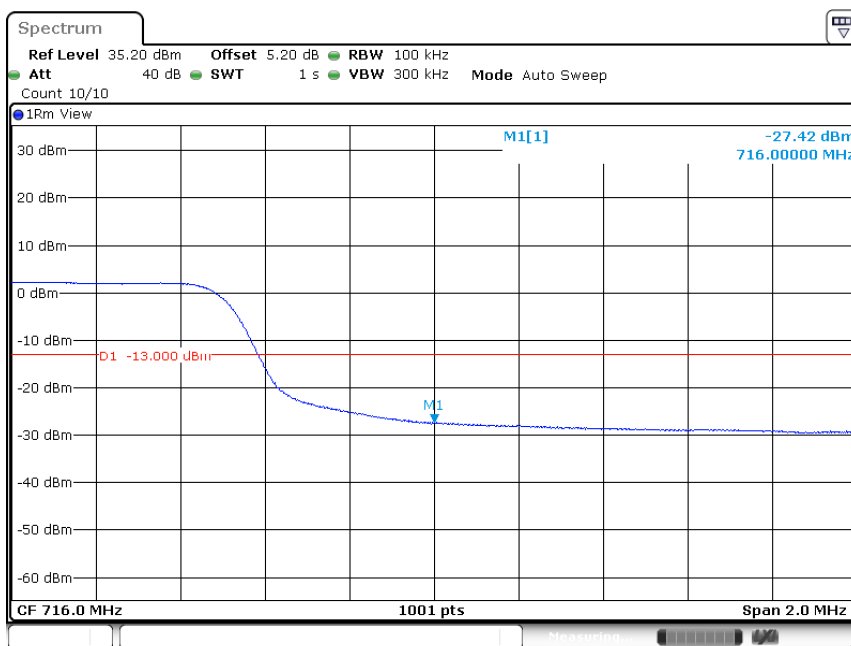


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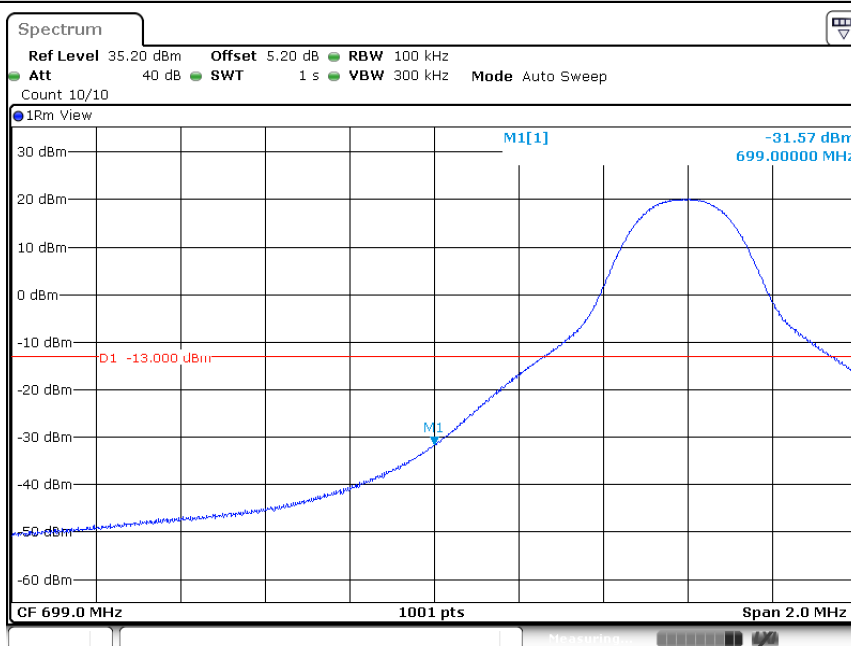
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Band12-10MHz-QPSK-23130-50RB#0



Date: 10.DEC.2020 16:13:48

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

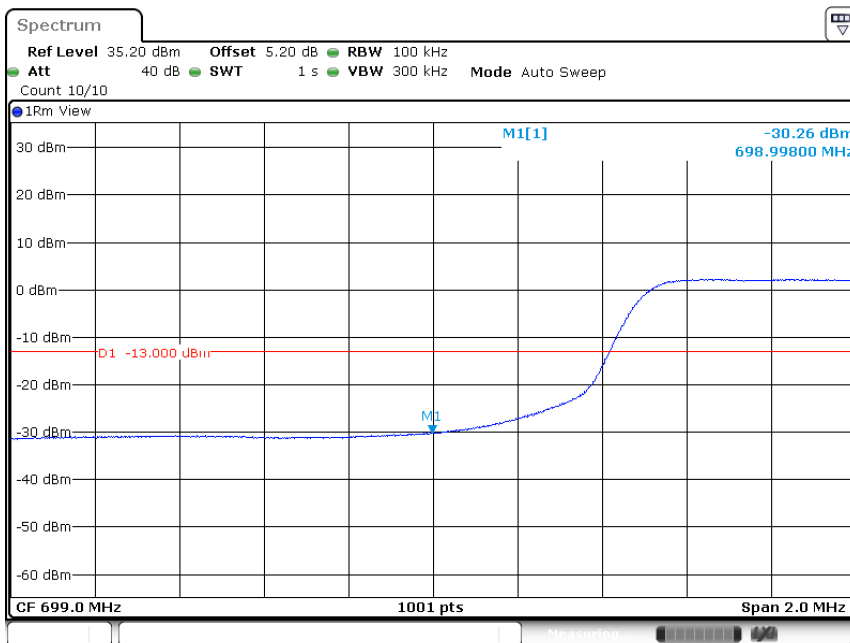


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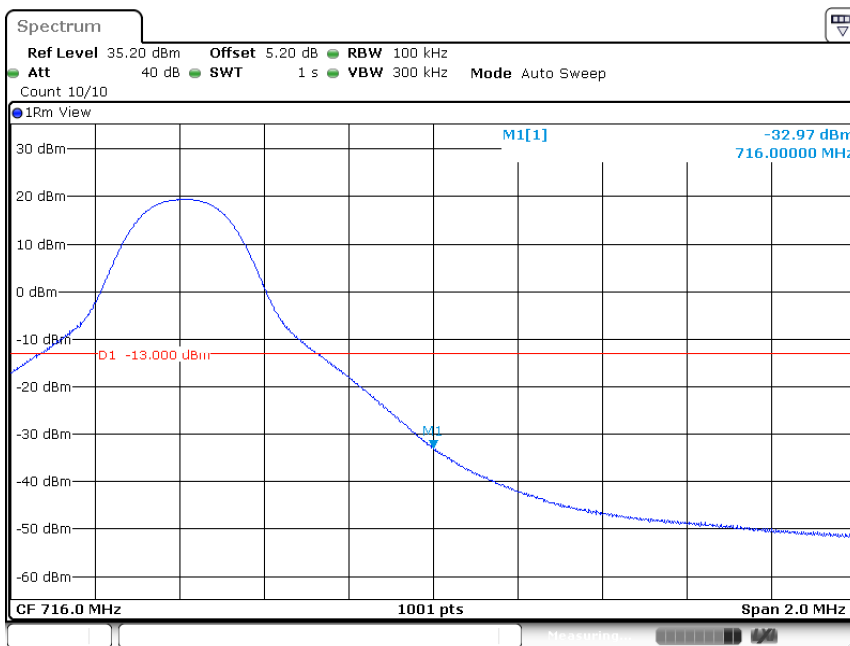
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Band12-10MHz-64QAM-23060-50RB#0



Date: 10.DEC.2020 17:07:12

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

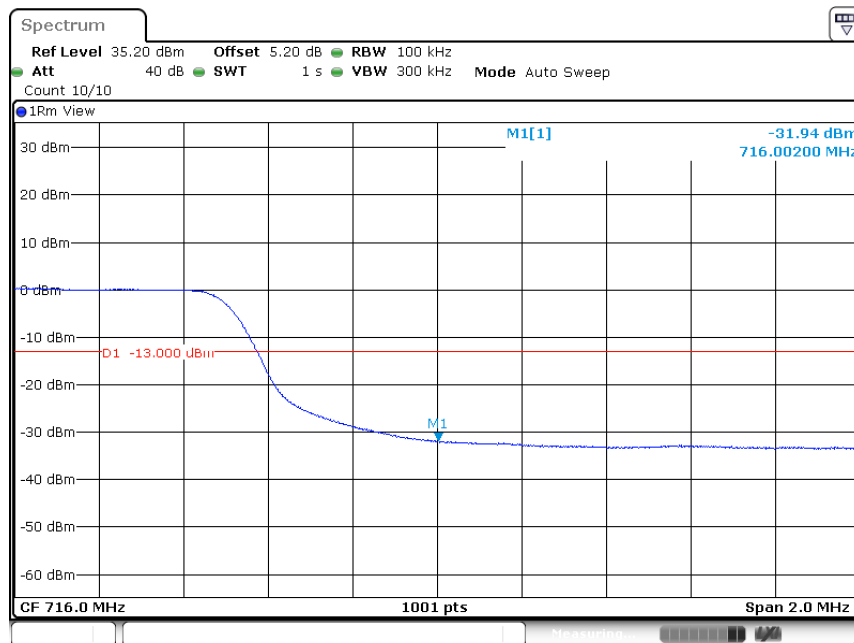


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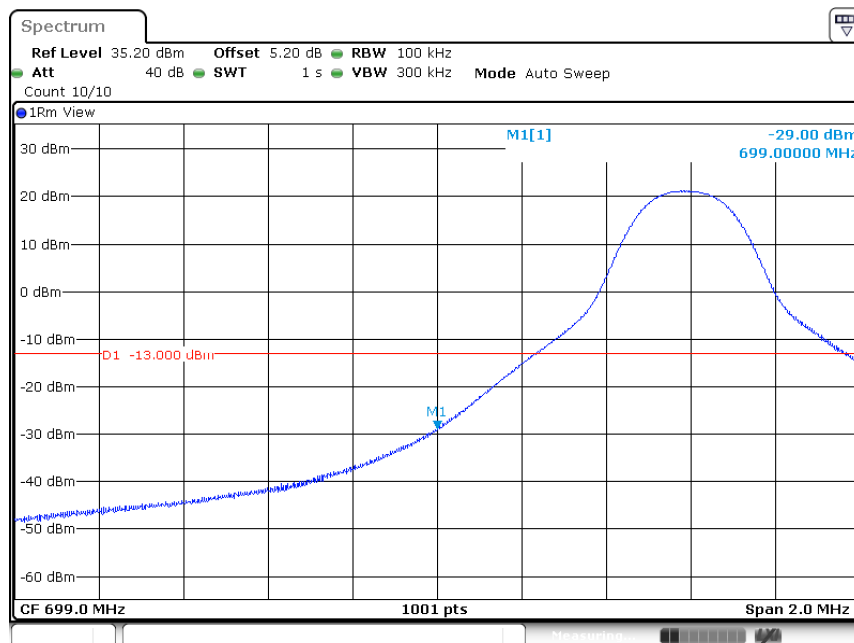
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Band12-10MHz-64QAM-23130-50RB#0



Date: 10.DEC.2020 17:07:58

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

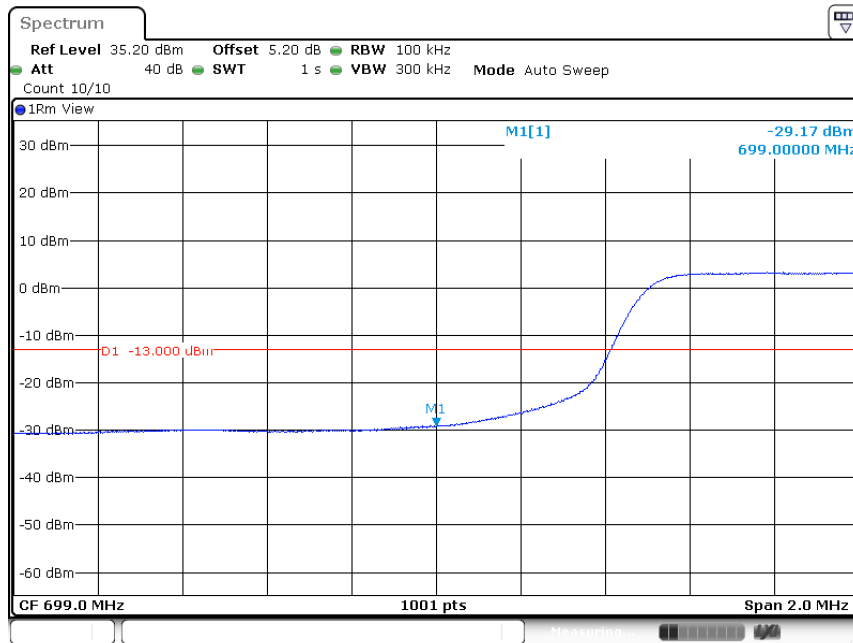


Date: 10.DEC.2020 16:12:01



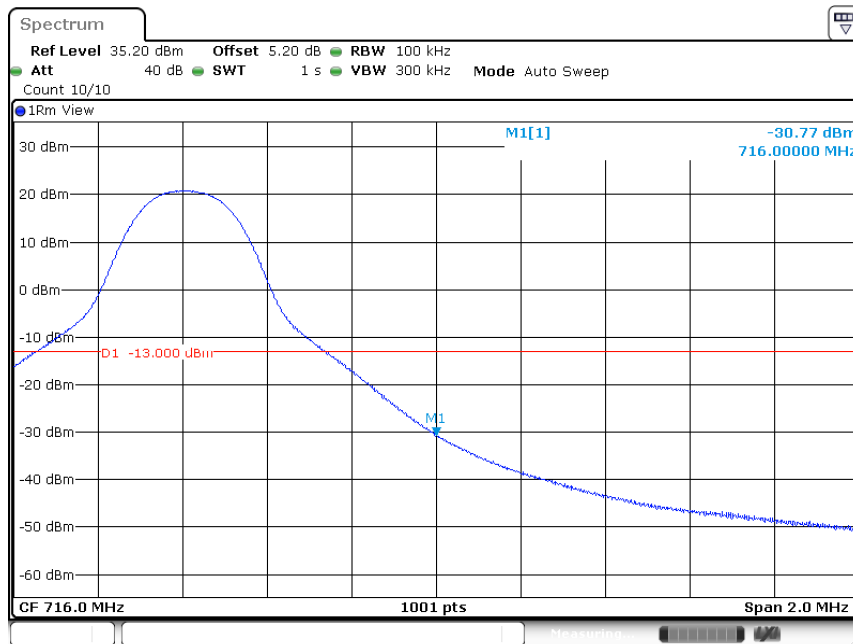
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Band12-10MHz-16QAM-23060-50RB#0



Date: 10.DEC.2020 16:12:42

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

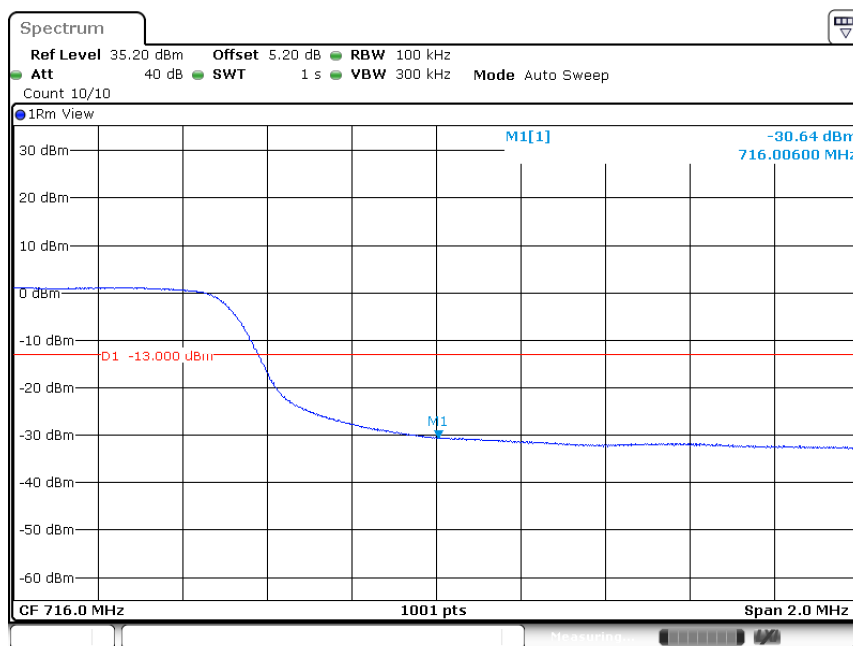


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Band12-10MHz-16QAM-23130-50RB#0



Date: 10.DEC.2020 16:14:09



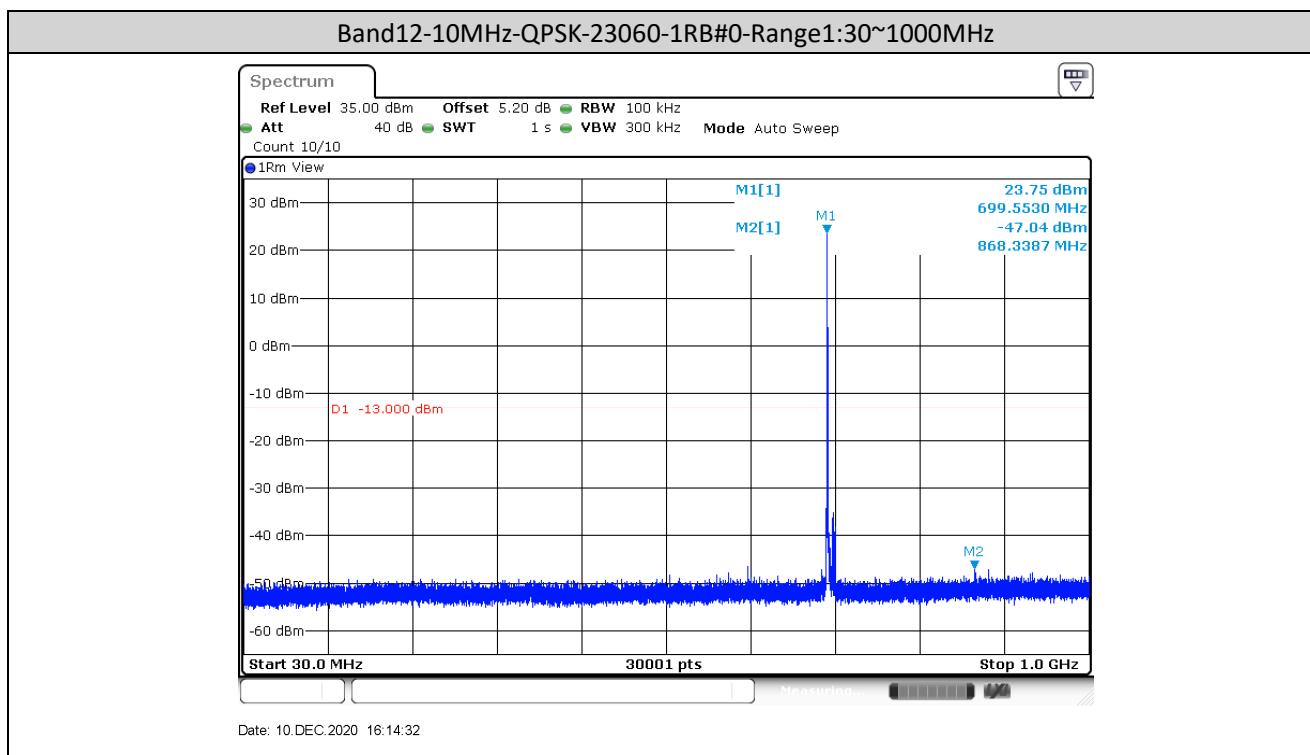
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6. Spurious Emission at Antenna Terminal

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

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

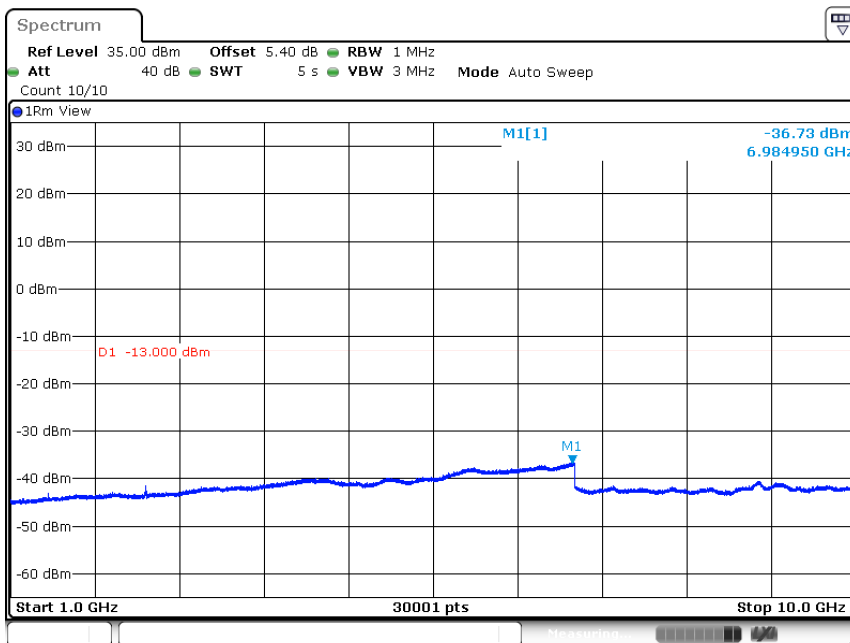
6.1. Test Plots



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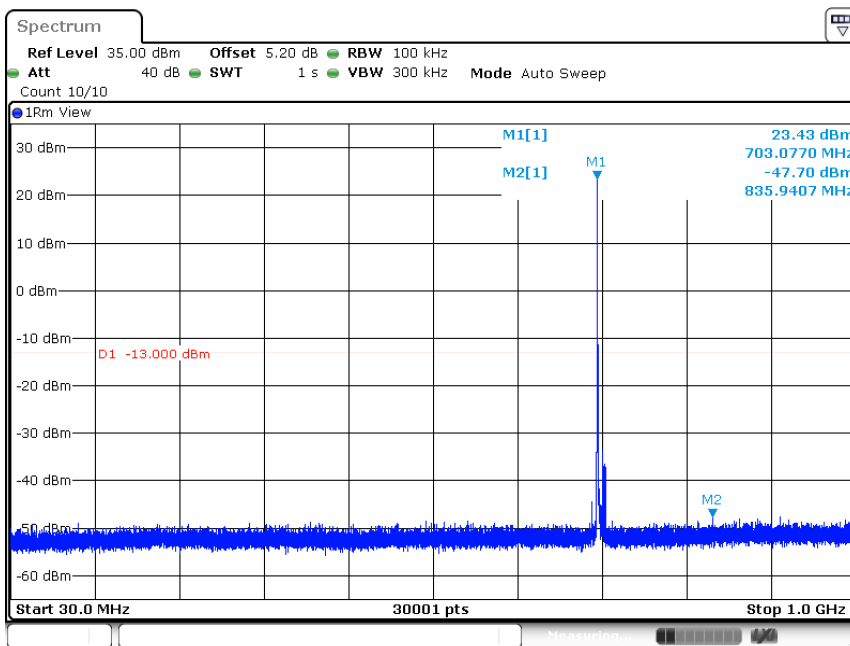
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Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:15:40

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



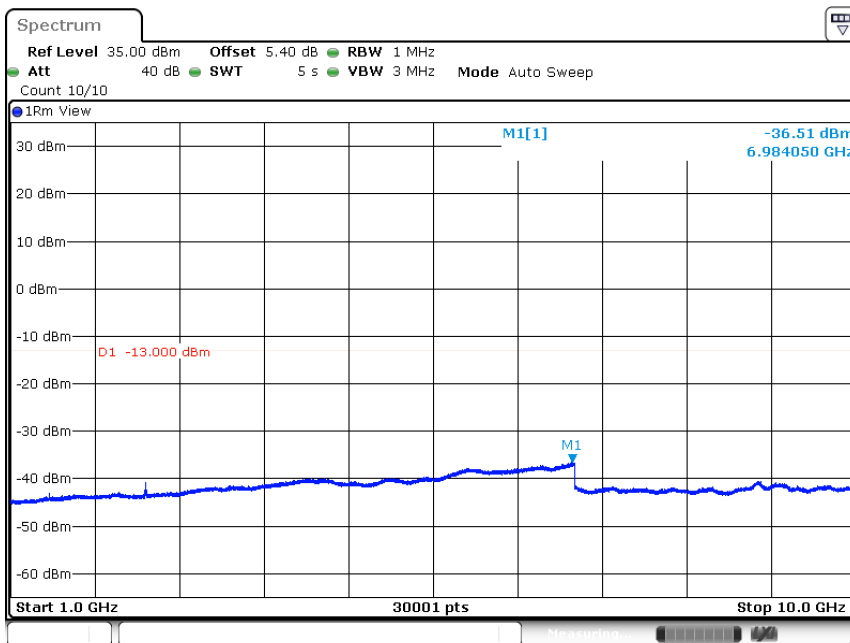
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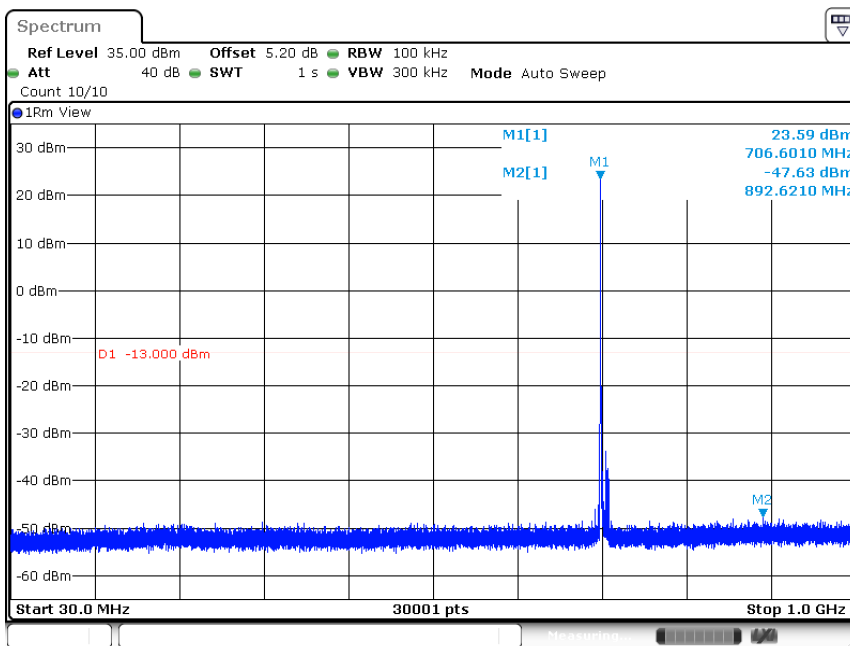
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Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:18:34

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



Date: 10.DEC.2020 16:20:21

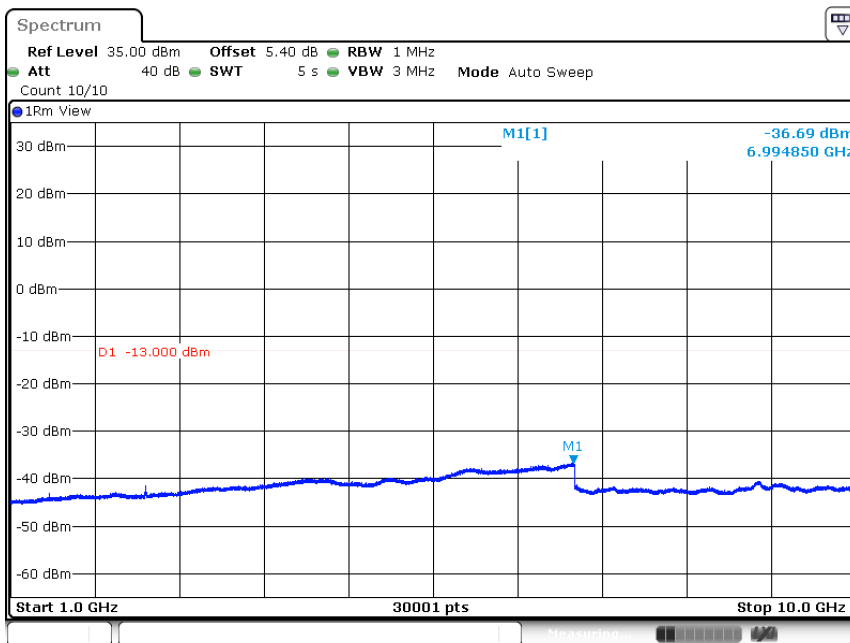


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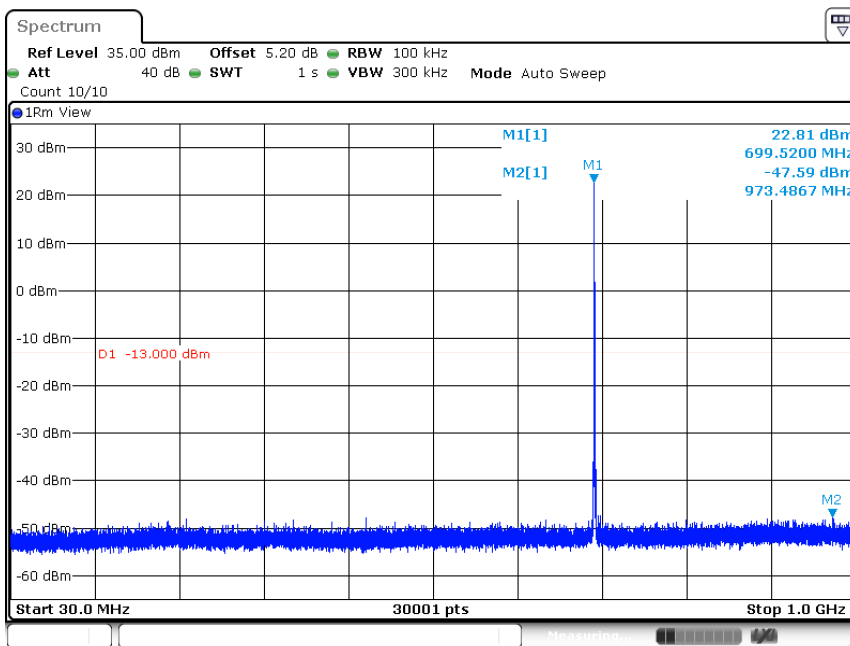


Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:21:28

Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz



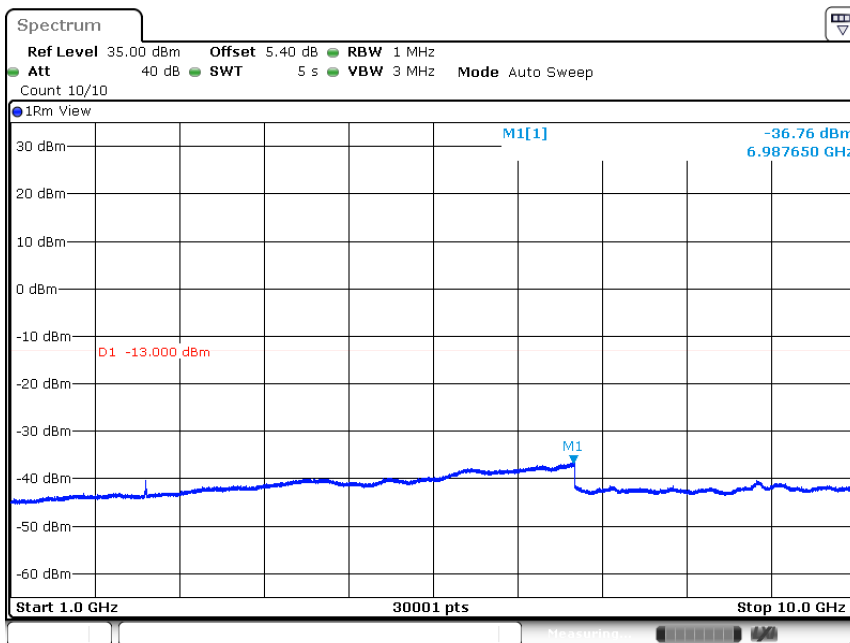
Date: 10.DEC.2020 17:08:23



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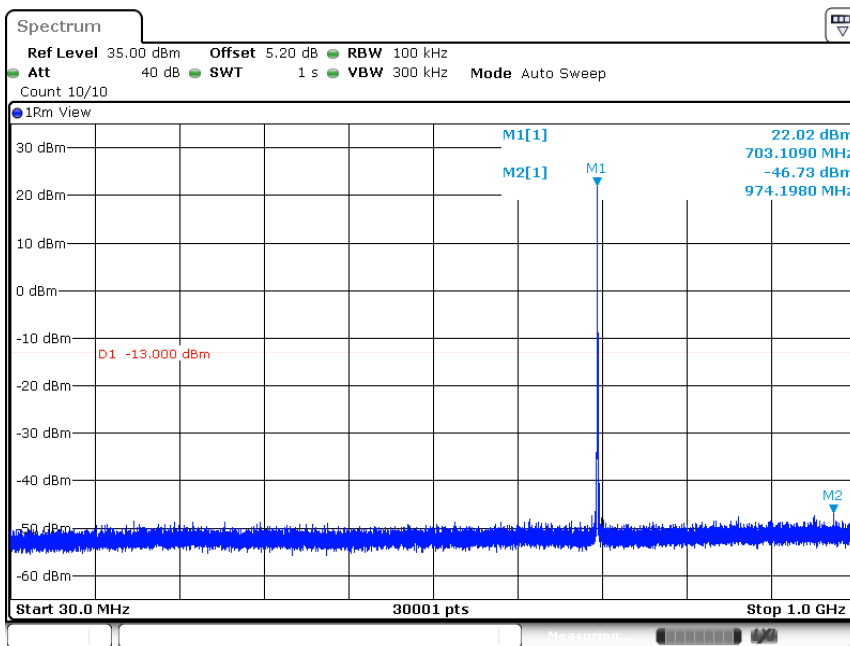
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Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 17:09:30

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

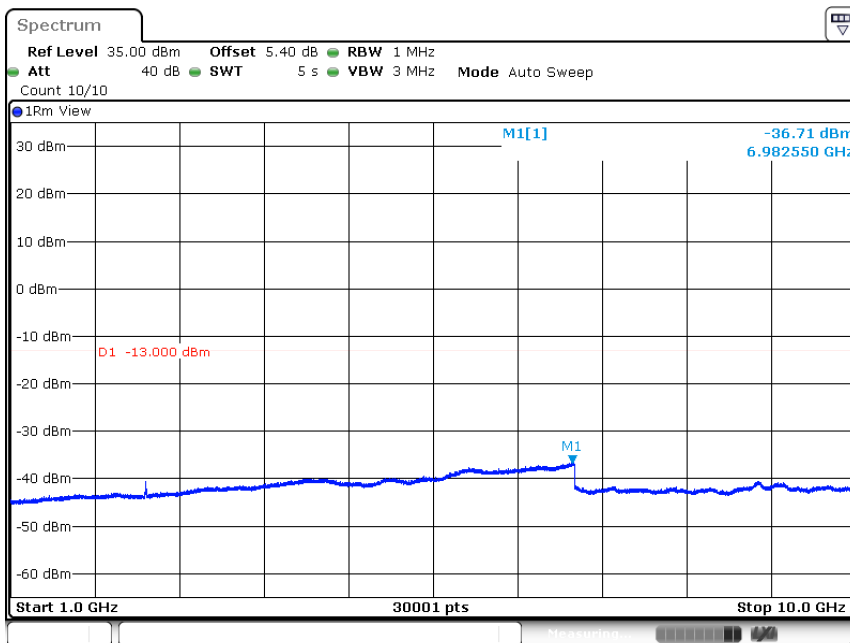


Date: 10.DEC.2020 17:09:50



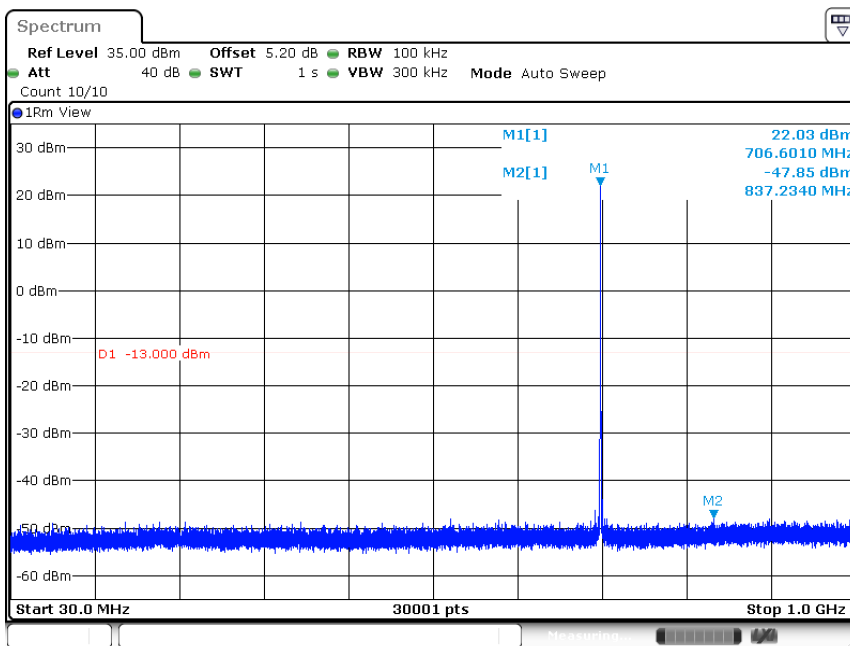
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Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 17:10:58

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

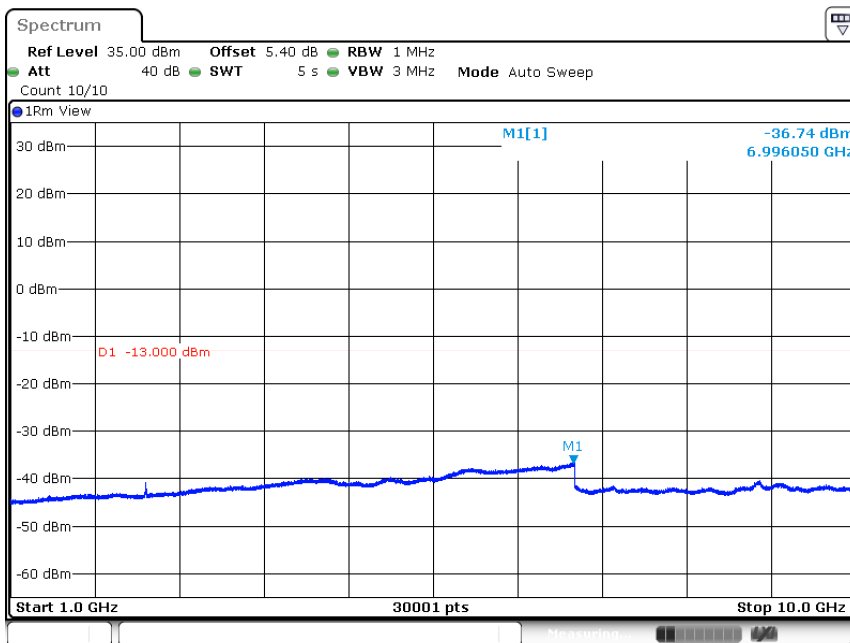


Date: 10.DEC.2020 17:11:17



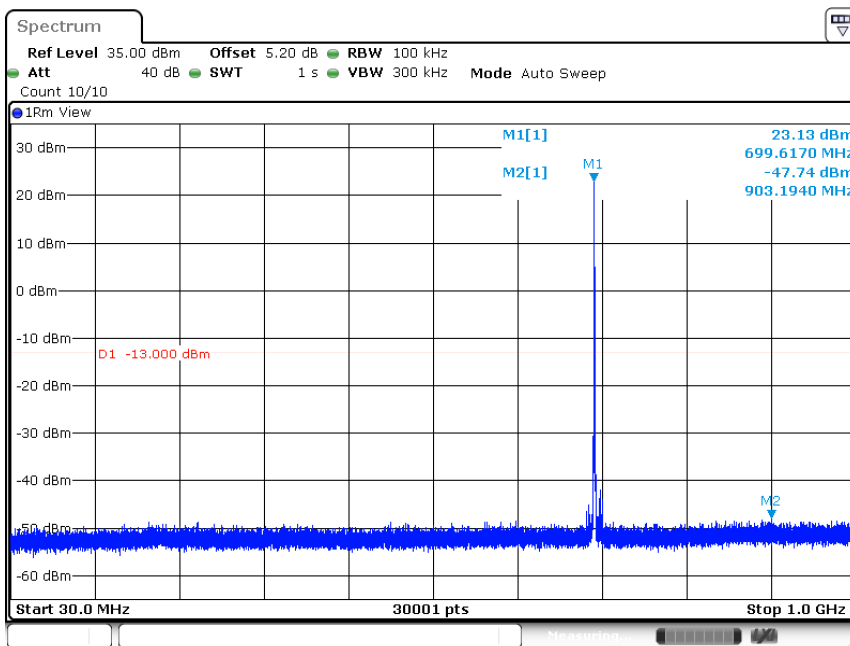
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Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 17:12:25

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



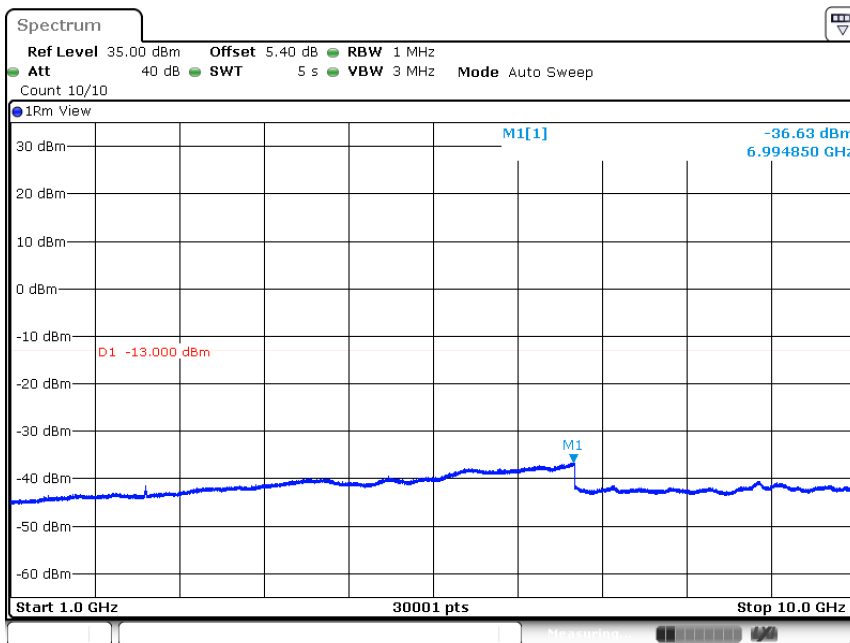
Date: 10.DEC.2020 16:15:59



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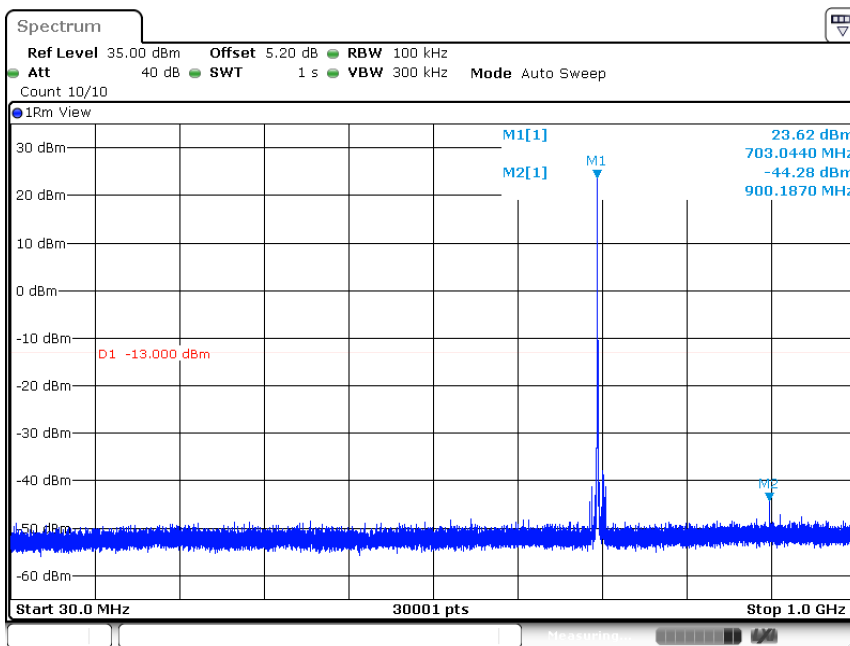
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Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:17:07

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



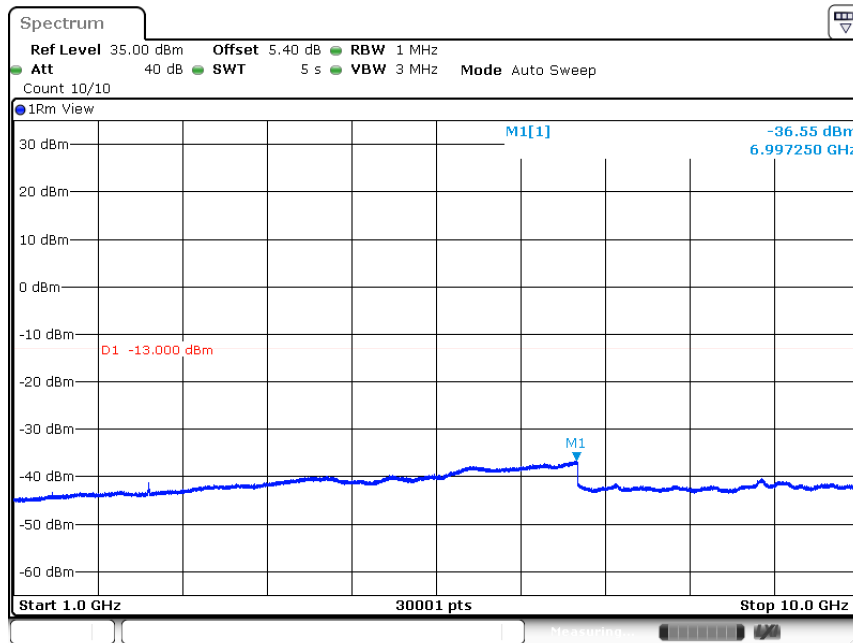
Date: 10.DEC.2020 16:18:54



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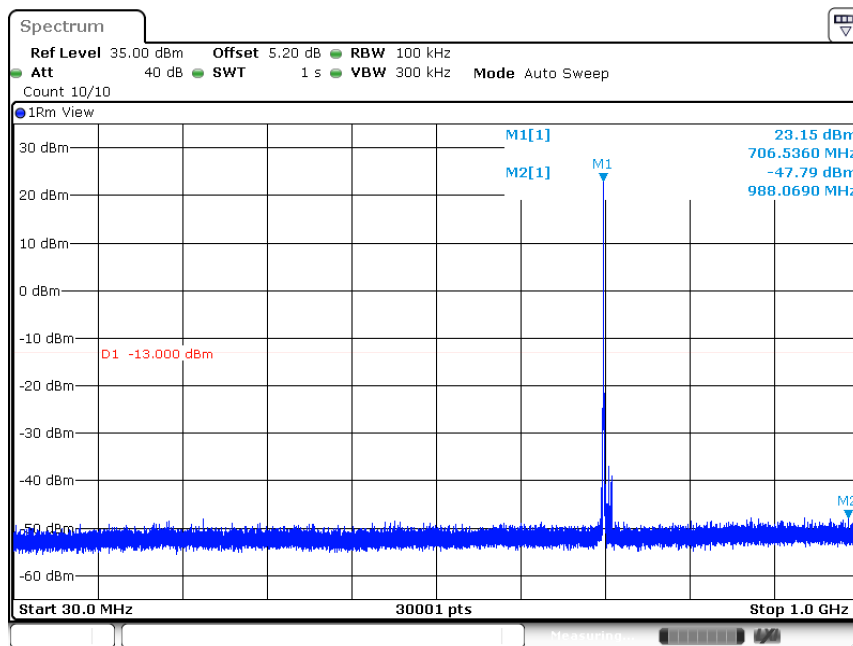
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Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:20:01

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

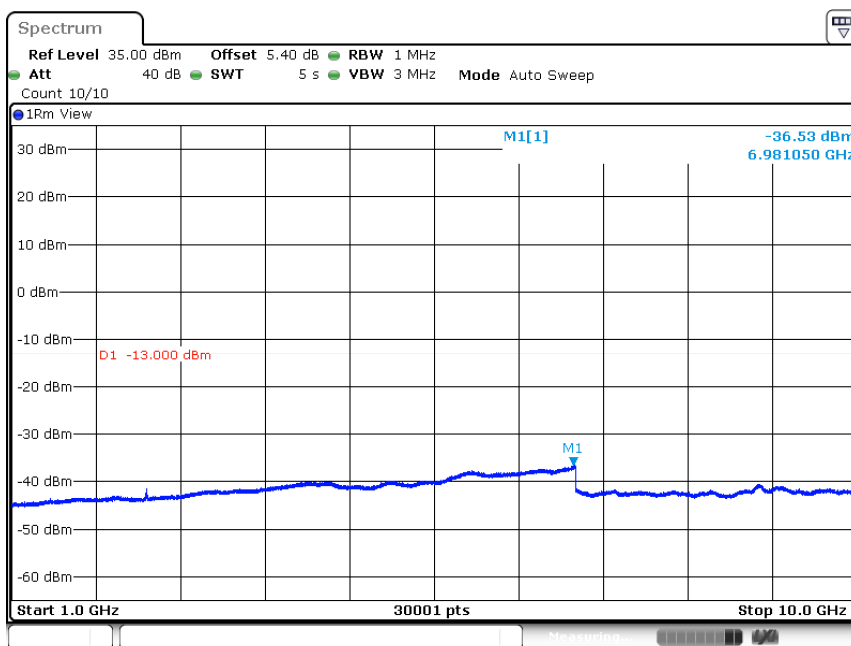


Date: 10.DEC.2020 16:21:48



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Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



Date: 10.DEC.2020 16:22:56



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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)	Polarization
64.766667	-79.36	-13.00	66.36	Vertical
124.966667	-83.55	-13.00	70.55	Vertical
233.980000	-89.04	-13.00	76.04	Vertical
1399.000000	-62.60	-13.00	49.60	Vertical
2490.000000	-58.75	-13.00	45.75	Vertical
4432.762500	-65.78	-13.00	52.78	Vertical
55.853333	-75.20	-13.00	62.20	Horizontal
134.766667	-83.92	-13.00	70.92	Horizontal
318.773333	-84.96	-13.00	71.96	Horizontal
1455.000000	-65.79	-13.00	52.79	Horizontal
2399.500000	-58.72	-13.00	45.72	Horizontal
4315.275000	-65.22	-13.00	52.22	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
54.640000	-79.35	-13.00	66.35	Vertical
124.966667	-83.28	-13.00	70.28	Vertical
356.153333	-83.87	-13.00	70.87	Vertical
1705.000000	-63.76	-13.00	50.76	Vertical
2653.000000	-57.19	-13.00	44.19	Vertical
4318.687500	-65.40	-13.00	52.40	Vertical
61.266667	-75.86	-13.00	62.86	Horizontal
159.080000	-83.29	-13.00	70.29	Horizontal
327.080000	-84.17	-13.00	71.17	Horizontal
1453.500000	-65.79	-13.00	52.79	Horizontal
2389.000000	-58.77	-13.00	45.77	Horizontal
5063.587500	-64.93	-13.00	51.93	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.673333	-79.68	-13.00	66.68	Vertical
104.293333	-82.32	-13.00	69.32	Vertical
334.733333	-83.69	-13.00	70.69	Vertical
1413.000000	-65.52	-13.00	52.52	Vertical
2572.000000	-58.30	-13.00	45.30	Vertical
4122.225000	-66.17	-13.00	53.17	Vertical
62.060000	-75.41	-13.00	62.41	Horizontal
159.313333	-83.27	-13.00	70.27	Horizontal
320.360000	-83.51	-13.00	70.51	Horizontal
1279.500000	-66.93	-13.00	53.93	Horizontal
2390.000000	-58.74	-13.00	45.74	Horizontal
4428.862500	-65.78	-13.00	52.78	Horizontal

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

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.440000	-79.73	-13.00	66.73	Vertical
104.246667	-82.64	-13.00	69.64	Vertical
317.560000	-83.89	-13.00	70.89	Vertical
1457.500000	-65.97	-13.00	52.97	Vertical
2636.000000	-54.81	-13.00	41.81	Vertical
4360.612500	-65.72	-13.00	52.72	Vertical
55.993333	-75.47	-13.00	62.47	Horizontal
134.860000	-82.88	-13.00	69.88	Horizontal
298.426667	-83.17	-13.00	70.17	Horizontal
1538.000000	-65.37	-13.00	52.37	Horizontal
2411.500000	-57.25	-13.00	44.25	Horizontal
4404.975000	-65.42	-13.00	52.42	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.533333	-79.04	-13.00	66.04	Vertical
104.246667	-82.98	-13.00	69.98	Vertical
331.420000	-84.02	-13.00	71.02	Vertical
1406.000000	-62.96	-13.00	49.96	Vertical
2435.000000	-58.35	-13.00	45.35	Vertical
3828.262500	-66.53	-13.00	53.53	Vertical
62.806667	-75.52	-13.00	62.52	Horizontal
159.313333	-82.67	-13.00	69.67	Horizontal
300.340000	-82.82	-13.00	69.82	Horizontal
1406.000000	-65.27	-13.00	52.27	Horizontal
2635.500000	-53.77	-13.00	40.77	Horizontal
4374.262500	-65.03	-13.00	52.03	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.580000	-79.26	-13.00	66.26	Vertical
124.966667	-83.38	-13.00	70.38	Vertical
331.326667	-84.05	-13.00	71.05	Vertical
1413.000000	-62.33	-13.00	49.33	Vertical
2428.500000	-58.77	-13.00	45.77	Vertical
4297.237500	-65.78	-13.00	52.78	Vertical
56.646667	-75.29	-13.00	62.29	Horizontal
90.853333	-80.72	-13.00	67.72	Horizontal
303.280000	-83.76	-13.00	70.76	Horizontal
1485.000000	-65.36	-13.00	52.36	Horizontal
2638.500000	-55.89	-13.00	42.89	Horizontal
4395.225000	-65.36	-13.00	52.36	Horizontal

Remark:

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



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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



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Band12	10MHz	64QAM	23060	50RB#0	NV	40	6.00	0.008523	±2.5	PASS
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



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Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-4.10	-0.005767	±2.5	PASS
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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