



Appendix B

E-UTRA Band 12



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1 Effective (Isotropic) Radiated Power

1.1. Test Result (Up Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.00	17.85	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.97	17.82	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.95	17.8	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.98	17.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.11	17.96	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.03	17.88	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.10	16.95	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.90	17.75	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.96	17.81	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.91	17.76	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.92	17.77	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.00	17.85	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.00	17.85	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.06	16.91	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.87	17.72	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.92	17.77	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.82	17.67	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.86	17.71	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.86	17.71	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.84	17.69	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.85	16.7	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.02	15.87	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.38	16.23	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.26	16.11	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.32	16.17	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.25	16.1	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.13	15.98	34.77	PASS



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Band12	1.4MHz	64QAM	23017	6RB#0	20.41	15.26	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.25	16.1	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.12	15.97	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.58	16.43	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.20	16.05	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.30	16.15	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.19	16.04	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.24	15.09	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.30	16.15	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.57	16.42	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.85	15.7	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	20.99	15.84	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.20	16.05	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.08	15.93	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.29	15.14	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.49	17.34	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.38	17.23	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.16	17.01	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.20	17.05	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.02	16.87	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.98	16.83	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.11	15.96	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.83	16.68	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.47	17.32	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.13	16.98	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.10	16.95	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.13	16.98	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.00	16.85	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.07	15.92	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.38	17.23	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.48	17.33	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.00	16.85	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.99	16.84	34.77	PASS



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Band12	1.4MHz	16QAM	23173	3RB#1	22.02	16.87	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.94	16.79	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.02	15.87	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.07	17.92	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.05	17.9	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.13	17.98	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.13	16.98	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.10	16.95	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.12	16.97	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.13	16.98	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.05	17.9	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.92	17.77	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.06	17.91	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.04	16.89	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.07	16.92	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.10	16.95	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.03	16.88	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.00	17.85	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.92	17.77	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.92	17.77	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.02	16.87	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.98	16.83	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.99	16.84	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.97	16.82	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.50	16.35	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.75	16.6	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.37	16.22	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.42	15.27	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.50	15.35	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.43	15.28	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.45	15.3	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.30	16.15	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.67	16.52	34.77	PASS



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Band12	3MHz	64QAM	23095	1RB#8	21.37	16.22	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.34	15.19	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.29	15.14	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.28	15.13	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.30	15.15	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.49	16.34	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.31	16.16	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.59	16.44	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.24	15.09	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.38	15.23	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.15	15	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.21	15.06	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.44	17.29	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.51	17.36	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.28	17.13	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.15	16	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.18	16.03	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.20	16.05	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.11	15.96	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.34	17.19	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.50	17.35	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.33	17.18	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.17	16.02	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.10	15.95	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.09	15.94	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.03	15.88	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.17	17.02	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.16	17.01	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.20	17.05	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.10	15.95	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.10	15.95	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.04	15.89	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.04	15.89	34.77	PASS



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Band12	5MHz	QPSK	23035	1RB#24	23.03	17.88	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.07	17.92	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.01	17.86	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.20	17.05	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.18	17.03	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.09	16.94	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.09	16.94	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.10	17.95	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.92	17.77	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.09	17.94	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.06	16.91	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.09	16.94	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.10	16.95	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.03	16.88	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.89	17.74	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.87	17.72	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.94	17.79	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.14	16.99	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.02	16.87	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.96	16.81	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.04	16.89	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.15	16	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.41	16.26	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.49	16.34	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.38	15.23	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.39	15.24	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.28	15.13	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.34	15.19	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.39	16.24	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.29	16.14	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.66	16.51	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.38	15.23	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.27	15.12	34.77	PASS



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Band12	5MHz	64QAM	23095	12RB#6	20.25	15.1	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.35	15.2	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.42	16.27	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.29	16.14	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.57	16.42	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.34	15.19	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.30	15.15	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.24	15.09	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.22	15.07	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.28	17.13	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.33	17.18	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.54	17.39	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.15	16	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.21	16.06	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.10	15.95	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.19	16.04	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.52	17.37	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.29	17.14	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.35	17.2	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.19	16.04	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.07	15.92	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.18	16.03	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.06	15.91	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.55	17.4	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.53	17.38	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.17	17.02	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.18	16.03	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.04	15.89	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.99	15.84	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.17	16.02	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.02	17.87	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.93	17.78	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.00	17.85	34.77	PASS



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Band12	10MHz	QPSK	23060	25RB#12	22.13	16.98	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.18	17.03	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.08	16.93	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.11	16.96	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.84	17.69	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.03	17.88	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.90	17.75	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.05	16.9	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.07	16.92	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.06	16.91	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.03	16.88	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.96	17.81	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.72	17.57	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.13	17.98	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.09	16.94	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.06	16.91	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.10	16.95	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.93	16.78	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.42	16.27	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.53	16.38	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.44	16.29	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.34	15.19	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.31	15.16	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.42	15.27	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.24	15.09	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.56	16.41	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.70	16.55	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.69	16.54	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.31	15.16	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.24	15.09	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.32	15.17	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.29	15.14	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.39	16.24	34.77	PASS



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Band12	10MHz	64QAM	23130	1RB#0	21.73	16.58	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.14	15.99	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.12	14.97	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.28	15.13	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.29	15.14	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.34	15.19	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.39	17.24	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.23	17.08	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.30	17.15	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.08	15.93	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.15	16	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.04	15.89	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.08	15.93	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.41	17.26	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.46	17.31	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.51	17.36	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.14	15.99	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.01	15.86	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.07	15.92	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.10	15.95	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.20	17.05	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.35	17.2	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.56	17.41	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.91	15.76	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.00	15.85	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.23	16.08	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.99	15.84	34.77	PASS





1.2. Test Result (Down Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.96	19.81	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.02	19.87	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.96	19.81	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.02	19.87	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.01	19.86	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.91	19.76	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.05	18.9	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.87	19.72	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.62	19.47	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.93	19.78	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.85	19.7	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.91	19.76	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.90	19.75	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.93	18.78	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.77	19.62	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.75	19.6	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.69	19.54	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.76	19.61	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.76	19.61	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.83	19.68	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.80	18.65	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	23.10	18.95	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	23.08	18.93	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	23.16	19.01	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	23.11	18.96	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	23.11	18.96	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	23.09	18.94	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.97	17.82	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.95	18.8	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	23.08	18.93	34.77	PASS



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Band12	1.4MHz	64QAM	23095	1RB#5	22.99	18.84	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	22.96	18.81	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	22.99	18.84	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	22.96	18.81	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	22.00	17.85	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.87	18.72	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	23.05	18.9	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.87	18.72	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	22.99	18.84	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	22.89	18.74	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	22.88	18.73	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.89	17.74	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.21	19.06	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.19	19.04	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.26	19.11	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.17	19.02	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.18	19.03	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.12	18.97	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.12	17.97	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.12	18.97	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.14	18.99	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.04	18.89	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.97	18.82	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.99	18.84	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.04	18.89	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.98	17.83	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.11	18.96	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.98	18.83	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.13	18.98	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.88	18.73	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.94	18.79	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.92	18.77	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.90	17.75	34.77	PASS



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Band12	3MHz	QPSK	23025	1RB#14	23.98	19.83	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.05	19.9	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.11	19.96	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.11	18.96	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.13	18.98	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.08	18.93	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.12	18.97	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.02	19.87	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.93	19.78	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.00	19.85	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.99	18.84	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.97	18.82	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.96	18.81	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.99	18.84	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.77	19.62	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.88	19.73	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.95	19.8	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.91	18.76	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.93	18.78	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.92	18.77	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.00	18.85	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	23.19	19.04	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	23.12	18.97	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	23.28	19.13	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	22.20	18.05	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	22.20	18.05	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	22.13	17.98	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	22.14	17.99	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	23.19	19.04	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	23.07	18.92	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	23.21	19.06	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	22.01	17.86	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	22.08	17.93	34.77	PASS



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Band12	3MHz	64QAM	23095	8RB#7	22.04	17.89	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	22.03	17.88	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	23.10	18.95	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.93	18.78	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	23.05	18.9	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	22.04	17.89	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	22.02	17.87	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	22.01	17.86	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	22.03	17.88	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.41	19.26	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.38	19.23	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.26	19.11	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.14	17.99	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.26	18.11	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.15	18	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.20	18.05	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.10	18.95	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.16	19.01	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.29	19.14	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.09	17.94	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.07	17.92	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.07	17.92	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.02	17.87	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.28	19.13	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.08	18.93	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.15	19	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.03	17.88	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.97	17.82	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.95	17.8	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.96	17.81	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.90	19.75	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.99	19.84	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.14	19.99	34.77	PASS



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Band12	5MHz	QPSK	23035	12RB#13	23.05	18.9	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.10	18.95	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.17	19.02	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.18	19.03	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.01	19.86	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.98	19.83	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.91	19.76	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.10	18.95	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.04	18.89	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.99	18.84	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.98	18.83	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.91	19.76	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.87	19.72	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.80	19.65	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.99	18.84	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.00	18.85	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.91	18.76	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.94	18.79	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	23.07	18.92	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	23.03	18.88	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	23.28	19.13	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	22.18	18.03	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	22.18	18.03	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	22.09	17.94	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	22.12	17.97	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	23.13	18.98	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	23.10	18.95	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	23.14	18.99	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	22.05	17.9	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	22.09	17.94	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	22.11	17.96	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	22.10	17.95	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	23.05	18.9	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#12	22.96	18.81	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.99	18.84	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	22.06	17.91	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	22.12	17.97	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	22.03	17.88	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	22.12	17.97	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.35	19.2	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.40	19.25	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.15	19	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.22	18.07	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.08	17.93	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.21	18.06	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.11	17.96	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.25	19.1	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.14	18.99	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.24	19.09	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.12	17.97	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.12	17.97	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.07	17.92	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.96	17.81	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.11	18.96	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.11	18.96	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.01	18.86	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.12	17.97	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.02	17.87	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.98	17.83	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.00	17.85	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.95	19.8	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.93	19.78	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.94	19.79	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.15	19	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.13	18.98	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.00	18.85	34.77	PASS



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Band12	10MHz	QPSK	23060	50RB#0	23.11	18.96	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.80	19.65	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.00	19.85	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.87	19.72	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.06	18.91	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.05	18.9	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.02	18.87	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.02	18.87	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.88	19.73	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.93	19.78	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.69	19.54	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.98	18.83	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.03	18.88	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.94	18.79	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.03	18.88	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	23.45	19.3	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	23.23	19.08	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	23.21	19.06	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	22.05	17.9	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	22.24	18.09	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	22.17	18.02	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	22.18	18.03	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	23.33	19.18	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	23.43	19.28	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	23.13	18.98	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	22.11	17.96	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	22.06	17.91	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	22.12	17.97	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	22.06	17.91	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	23.22	19.07	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	23.32	19.17	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	23.29	19.14	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	22.10	17.95	34.77	PASS



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Band12	10MHz	64QAM	23130	25RB#25	22.00	17.85	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	22.07	17.92	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	22.00	17.85	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.37	19.22	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.19	19.04	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.22	19.07	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.12	17.97	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.08	17.93	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.06	17.91	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.08	17.93	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.25	19.1	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.14	18.99	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.26	19.11	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.11	17.96	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.00	17.85	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.03	17.88	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.98	17.83	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.34	19.19	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.02	18.87	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.14	18.99	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.92	17.77	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.06	17.91	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.08	17.93	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.98	17.83	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 [dBd]

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



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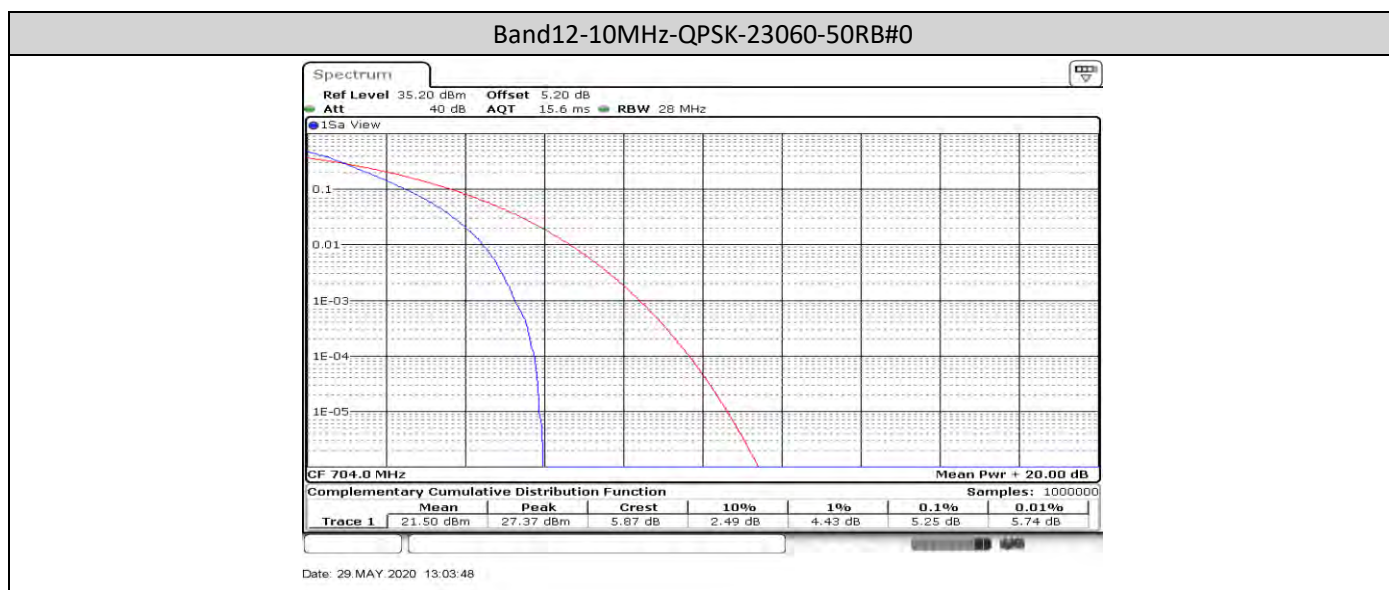


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

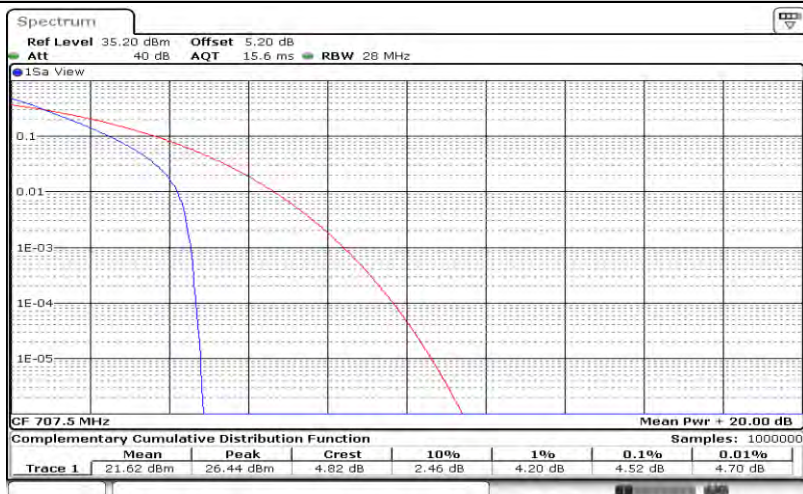
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.25	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.52	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.51	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.58	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.78	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.58	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.74	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.65	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.17	13	PASS

2.2. Test Plots



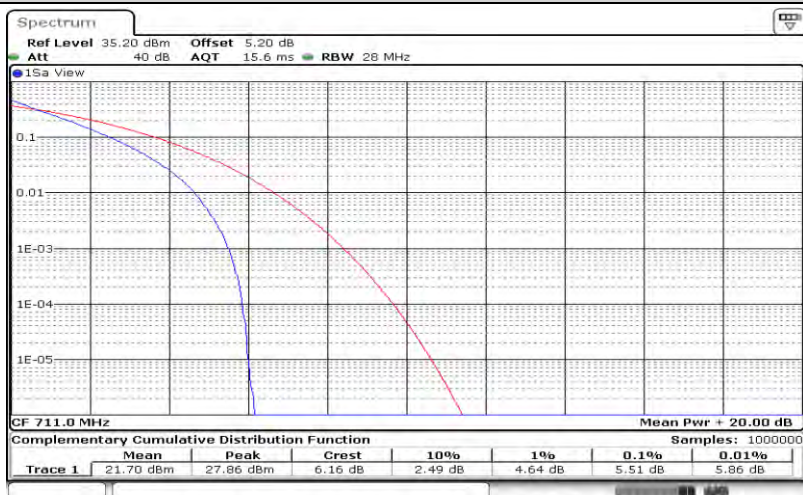


Band12-10MHz-QPSK-23095-50RB#0



Date: 29 MAY 2020 13:04:11

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



Date: 29 MAY 2020 13:04:33

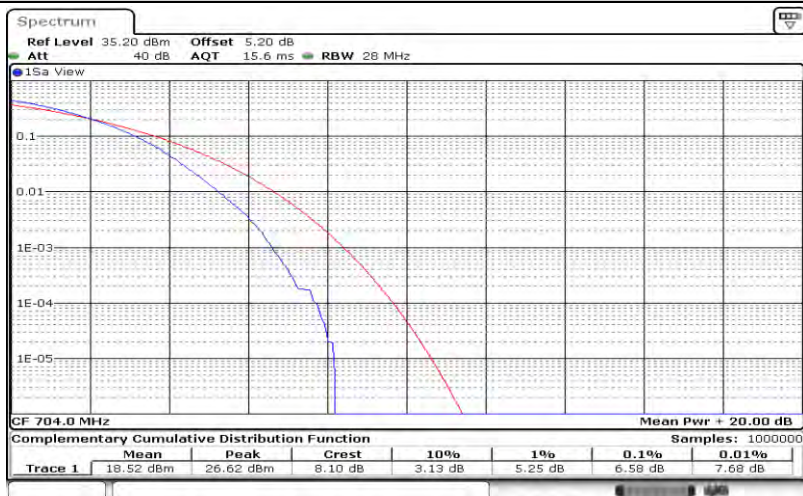


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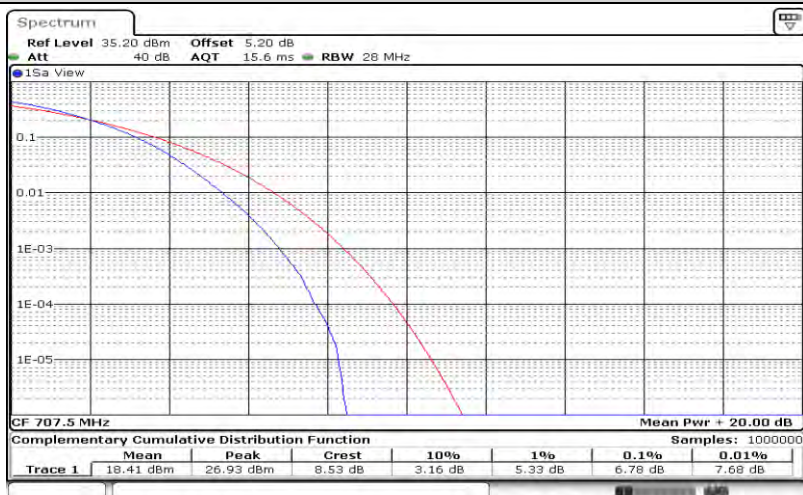
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Band12-10MHz-64QAM-23060-50RB#0



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

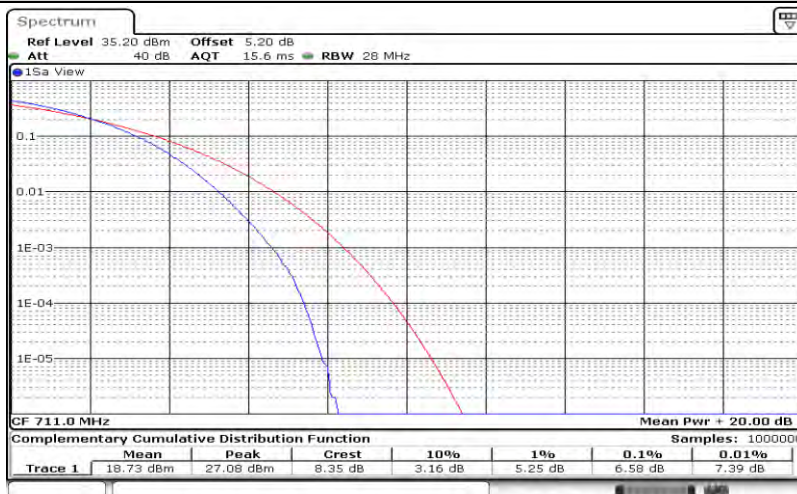


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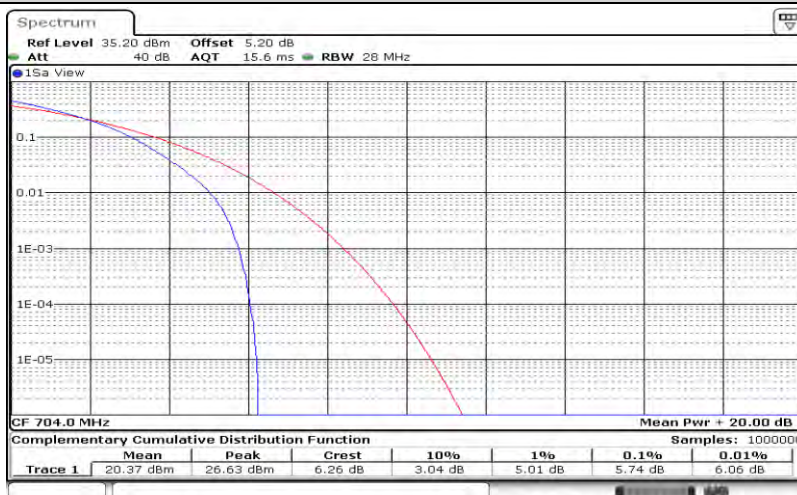


Band12-10MHz-64QAM-23130-50RB#0



Date: 1 JUN 2020 08:07:47

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



Date: 29 MAY 2020 13:03:59

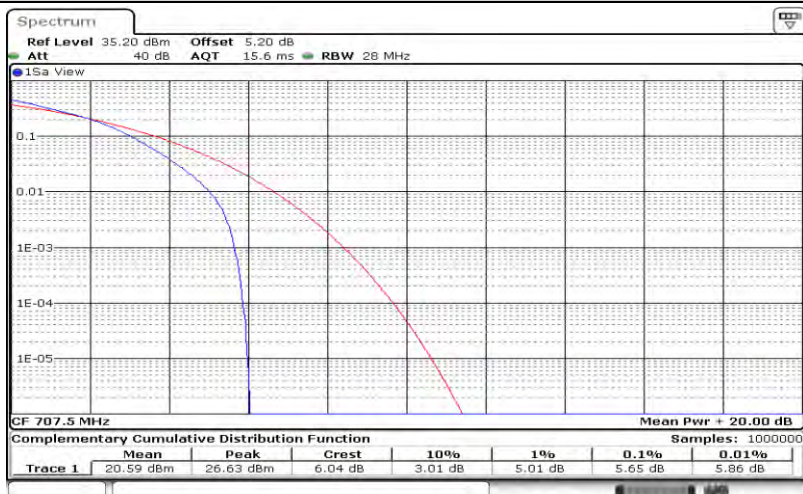


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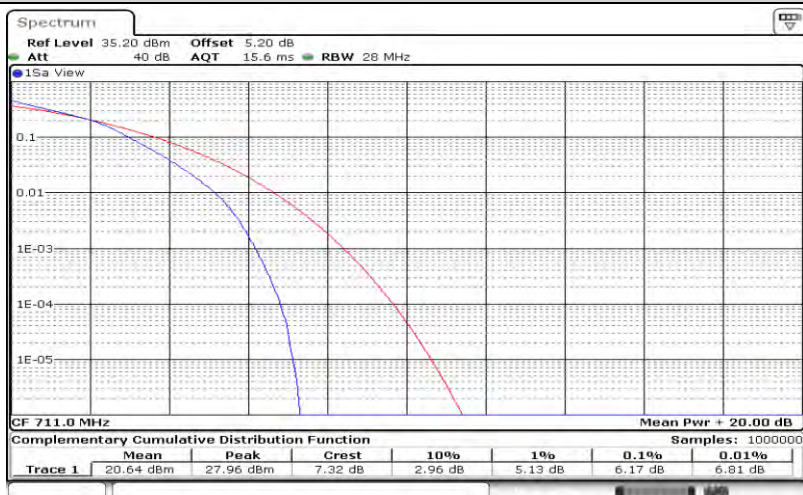


Band12-10MHz-16QAM-23095-50RB#0



Date: 29 MAY 2020 13:04:22

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



Date: 29 MAY 2020 13:04:45

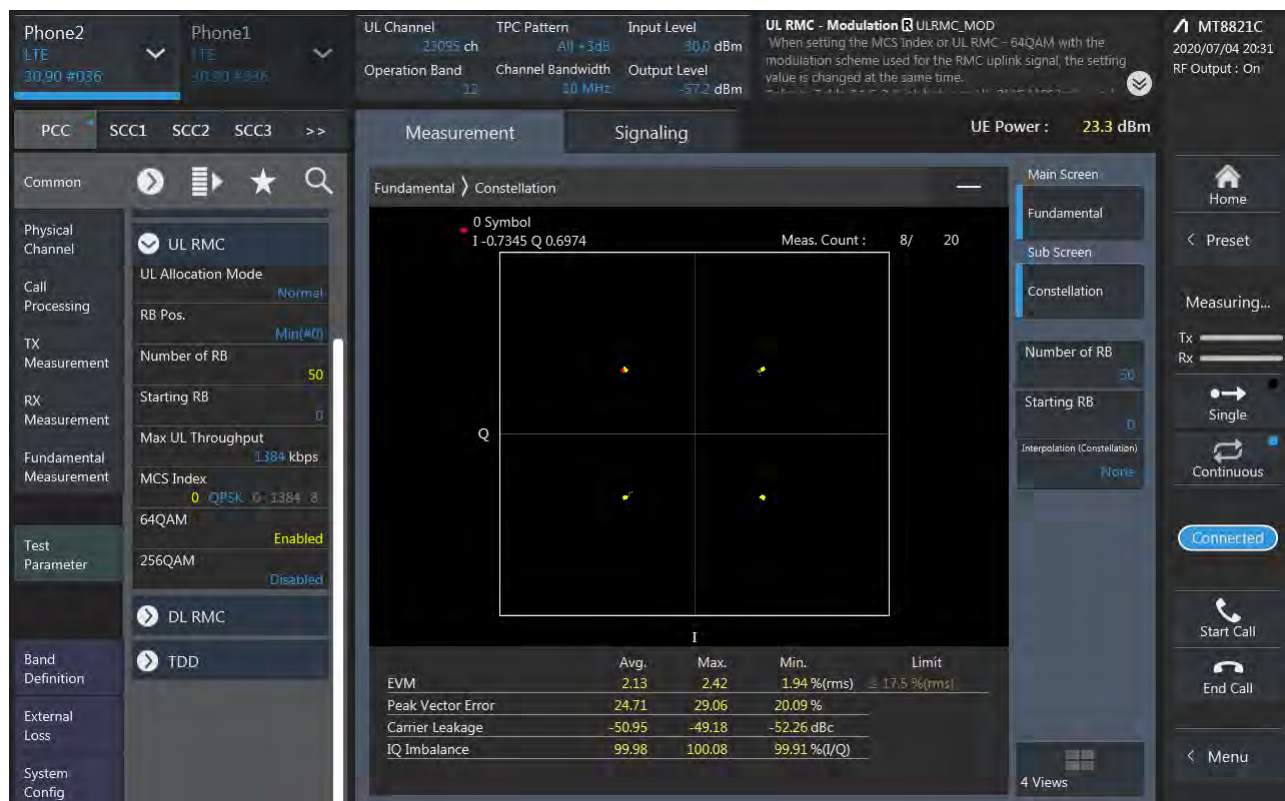




3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

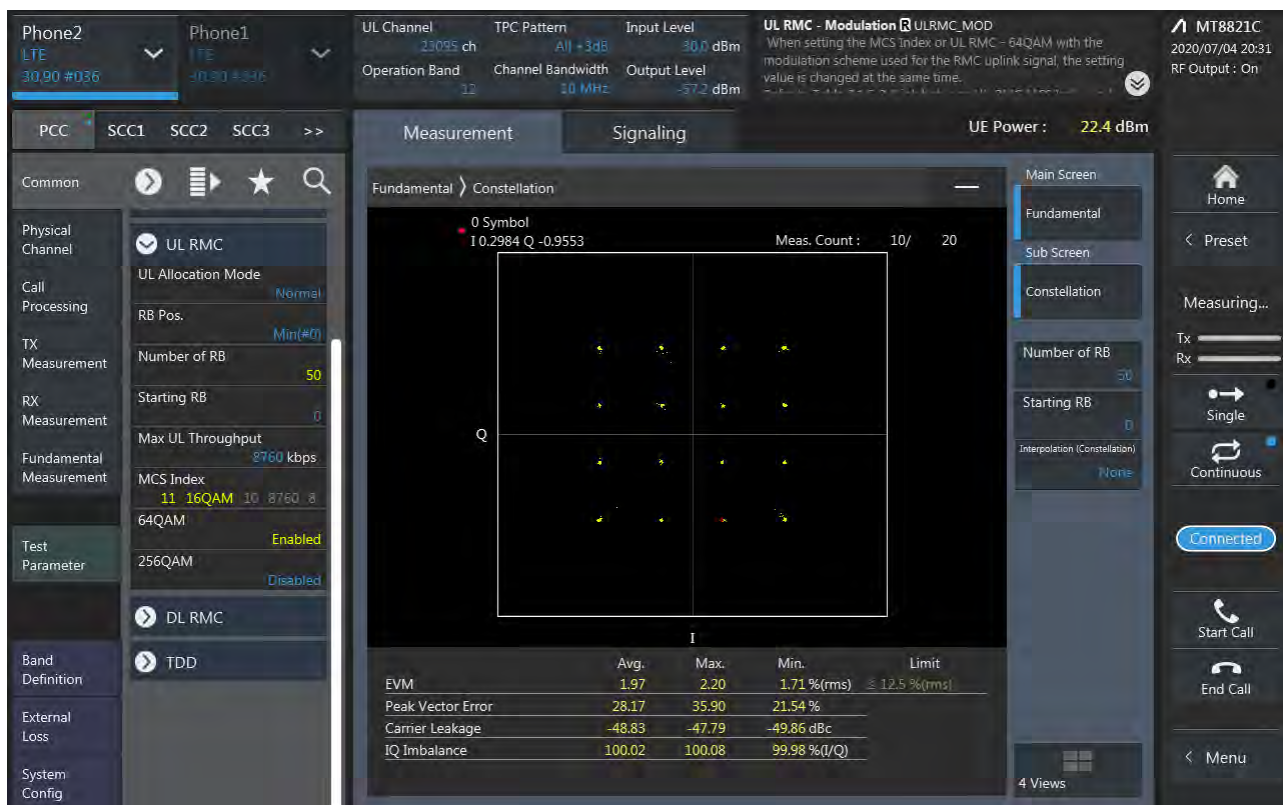
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



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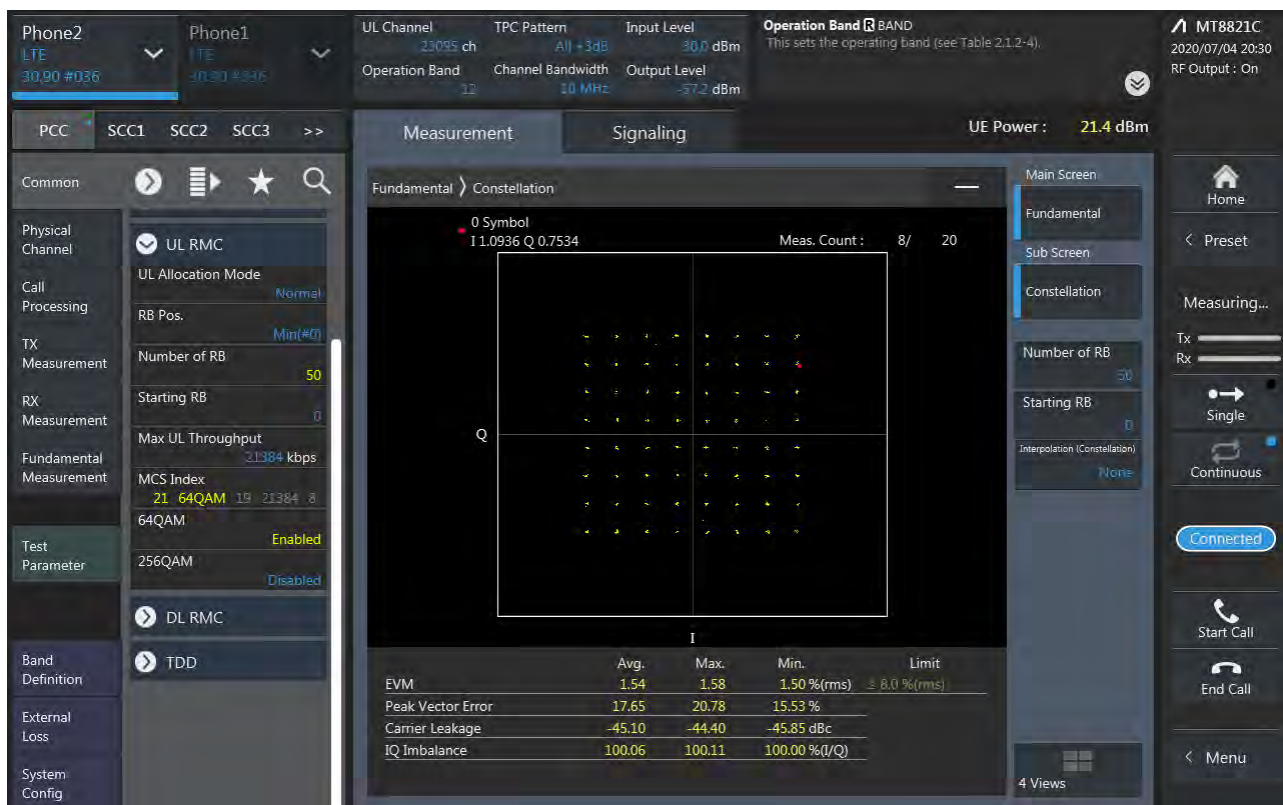
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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH





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	1.088	1.230	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.091	1.242	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.239	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.094	1.230	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.091	1.251	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.094	1.242	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.085	1.233	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.085	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.230	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.703	3.024	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.691	3.024	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.697	3.012	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.691	3.000	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.691	2.994	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.685	3.006	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	2.988	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.466	4.920	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.890	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.466	4.910	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.466	4.890	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.910	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.466	4.880	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.930	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.486	4.920	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.486	4.940	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.931	9.680	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.891	9.640	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.931	9.700	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.931	9.640	PASS



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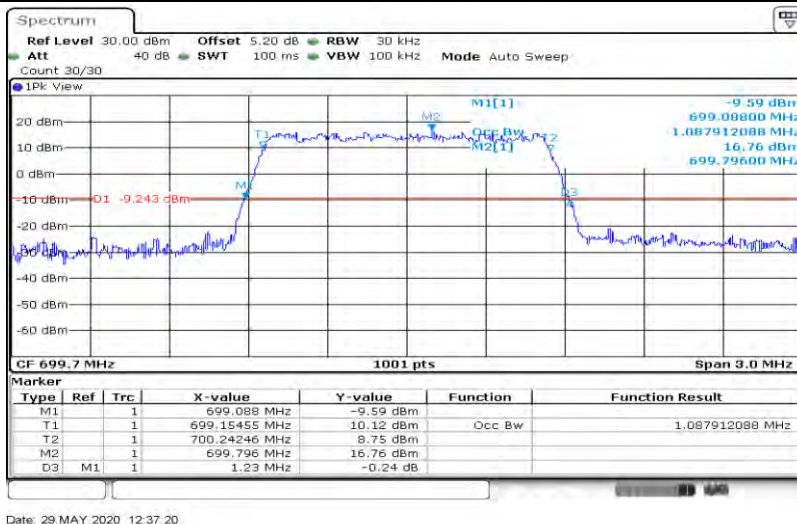
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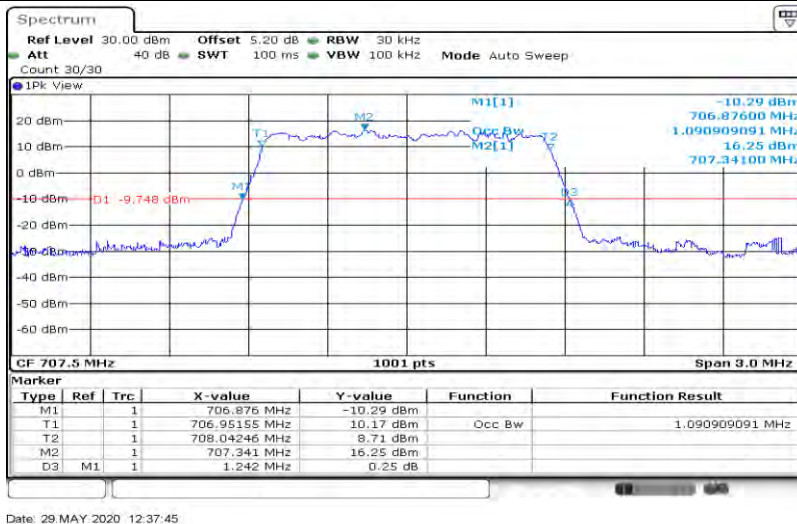
Band12	10MHz	64QAM	23095	50RB#0	8.951	9.700	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.911	9.640	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.620	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.911	9.720	PASS

4.2. Test Plots

Band12-1.4MHz-QPSK-23017-6RB#0-1.088



Band12-1.4MHz-QPSK-23095-6RB#0-1.091

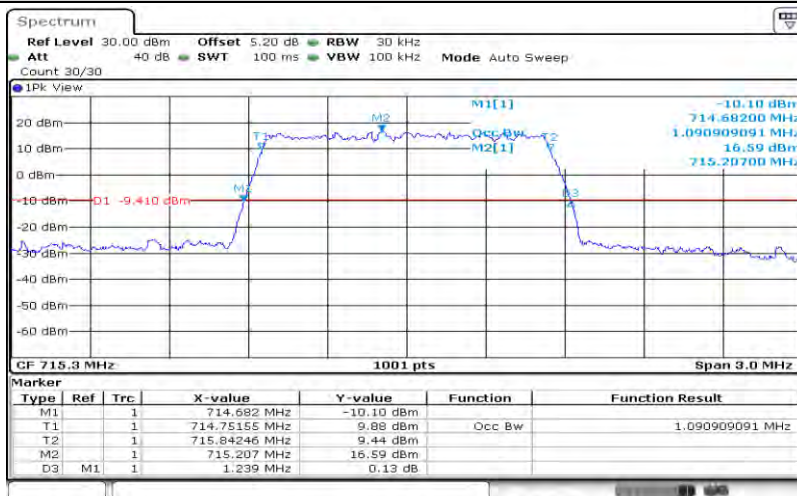


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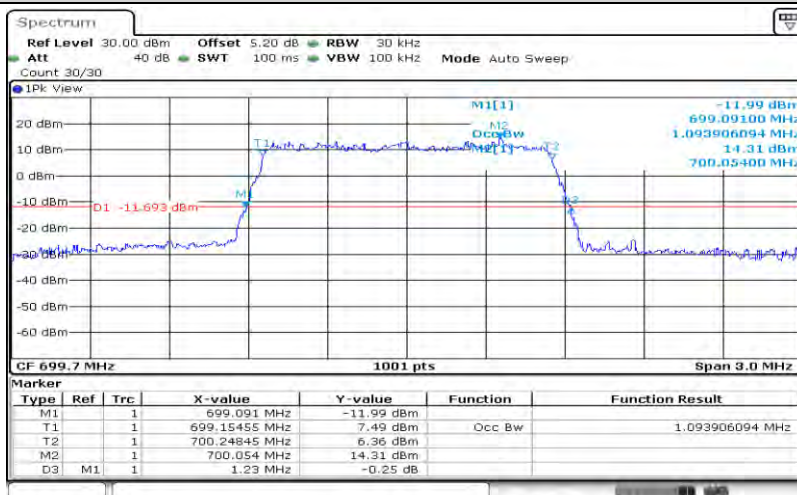


Band12-1.4MHz-QPSK-23173-6RB#0-1.091



Date: 29 MAY 2020 12:38:11

Band12-1.4MHz-64QAM-23017-6RB#0-1.094



Date: 1 JUN 2020 07:53:19

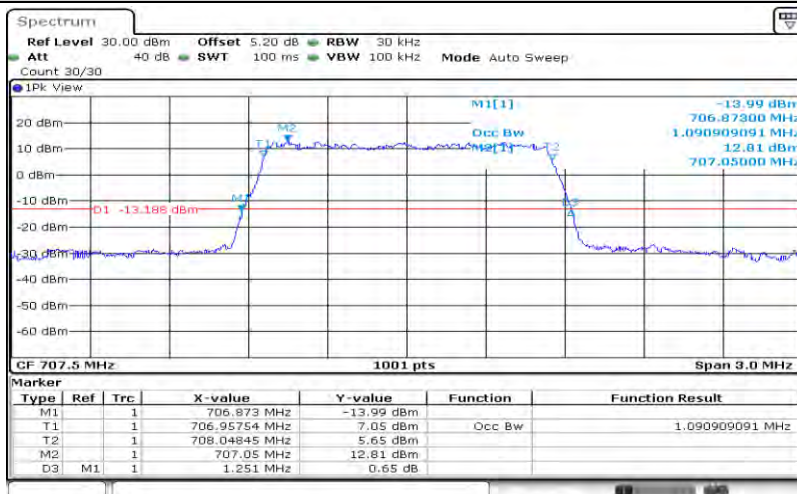


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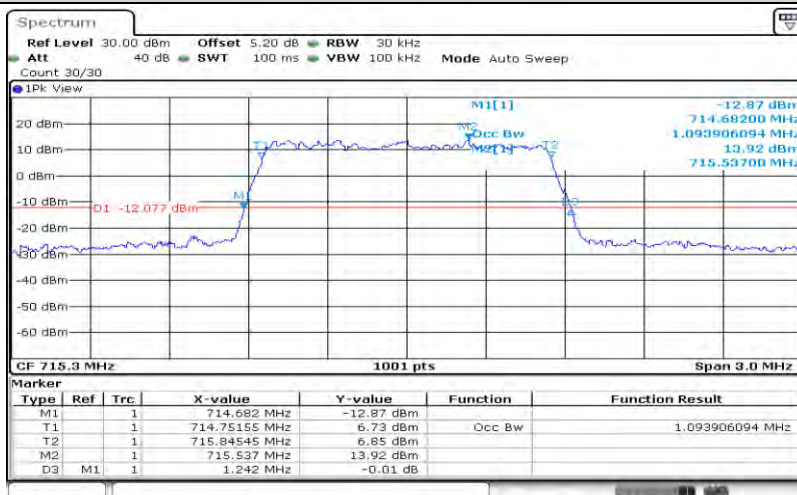
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Band12-1.4MHz-64QAM-23095-6RB#0-1.091



Date: 1 JUN 2020 07:53:32

Band12-1.4MHz-64QAM-23173-6RB#0-1.094



Date: 1 JUN 2020 07:53:45



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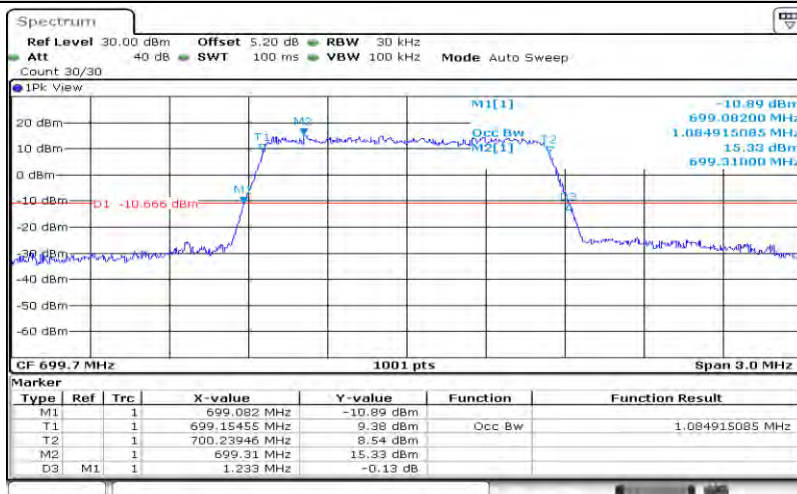
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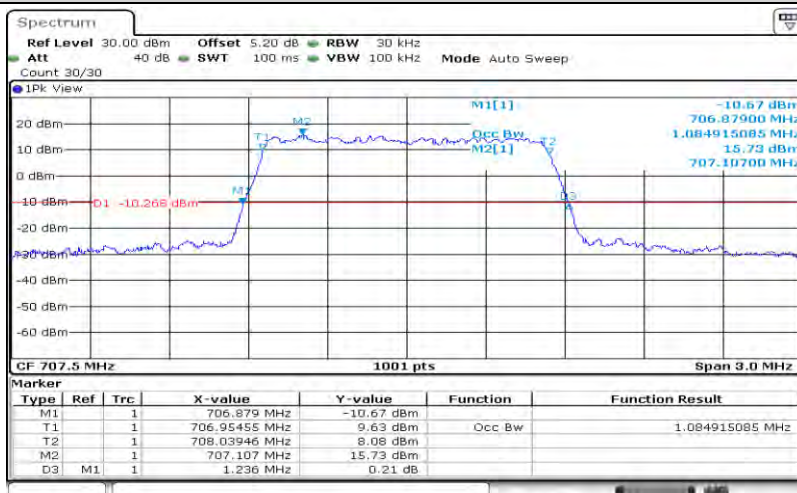


Band12-1.4MHz-16QAM-23017-6RB#0-1.085



Date: 29 MAY 2020 12:37:32

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



Date: 29 MAY 2020 12:37:58

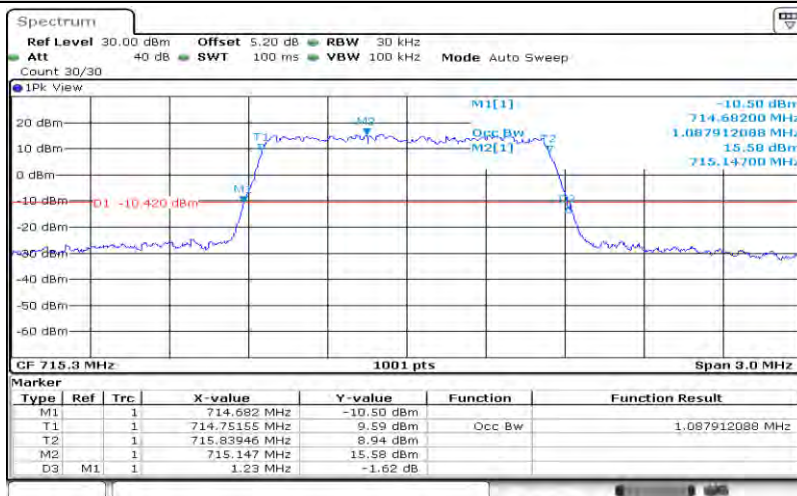


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Band12-1.4MHz-16QAM-23173-6RB#0-1.088



Date: 29 MAY 2020 12:38:24

Band12-3MHz-QPSK-23025-15RB#0-2.703



Date: 29 MAY 2020 12:38:41



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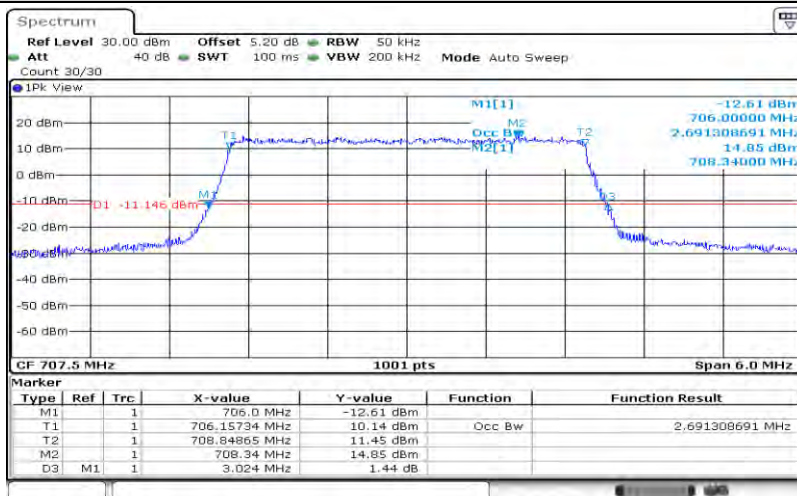
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Band12-3MHz-QPSK-23095-15RB#0-2.691



Date: 29 MAY 2020 12:39:07

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



Date: 29 MAY 2020 12:39:33

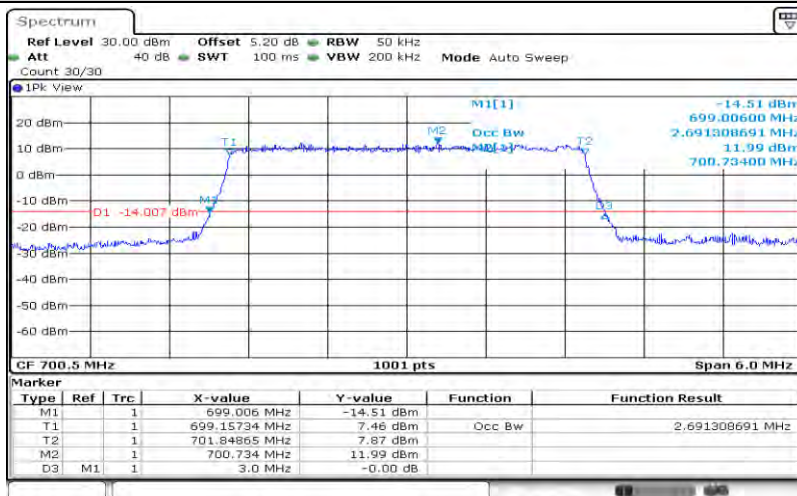


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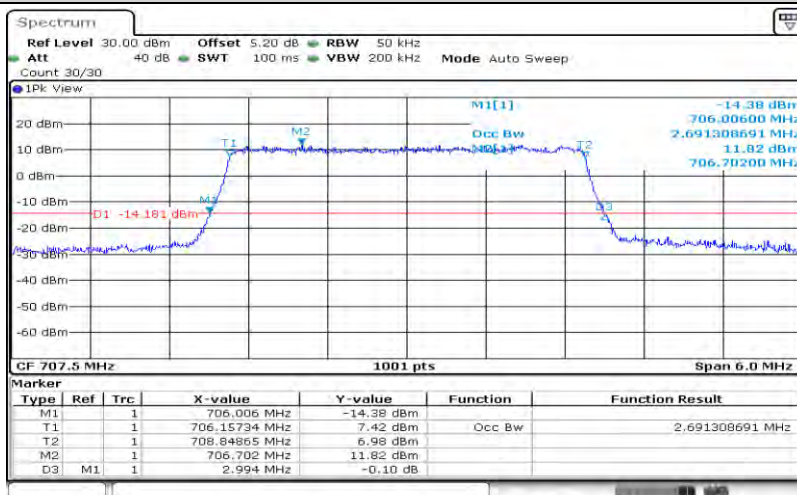


Band12-3MHz-64QAM-23025-15RB#0-2.691



Date: 1 JUN.2020 07:54:04

Band12-3MHz-64QAM-23095-15RB#0-2.691



Date: 1 JUN.2020 07:54:17



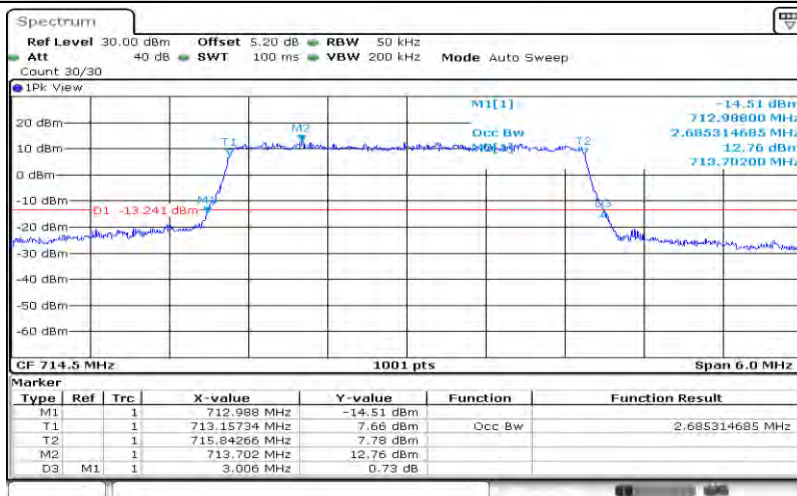
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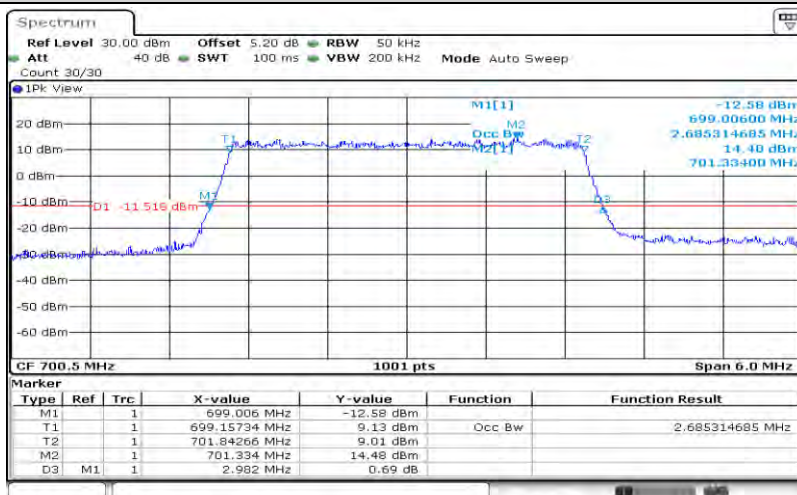


Band12-3MHz-64QAM-23165-15RB#0-2.685



Date: 1 JUN 2020 07:54:30

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



Date: 29 MAY 2020 12:38:54



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



Date: 29 MAY 2020 12:39:20

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



Date: 29 MAY 2020 12:39:46

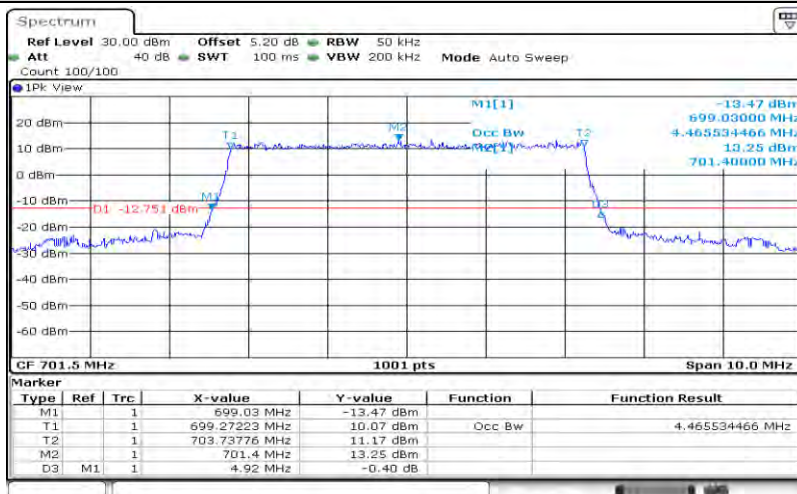


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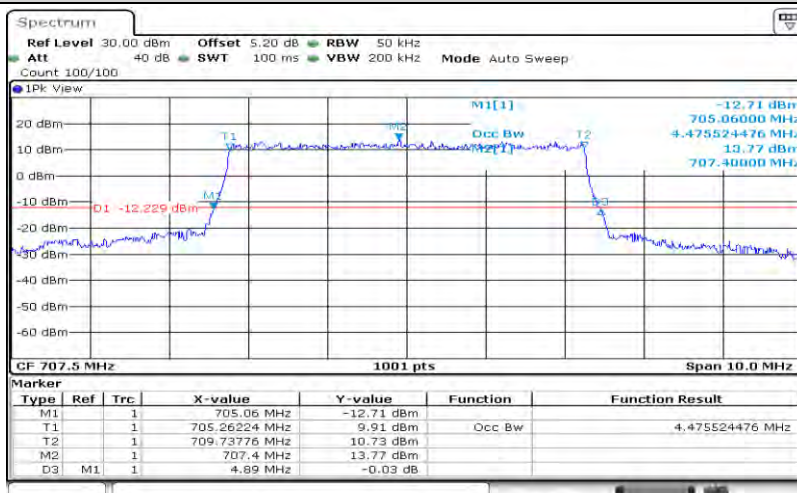


Band12-5MHz-QPSK-23035-25RB#0-4.466



Date: 29 MAY 2020 12:40:10

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

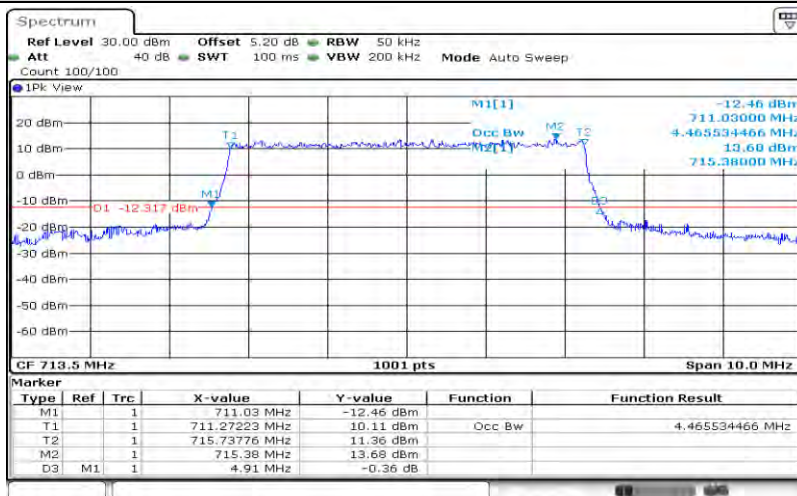


Date: 29 MAY 2020 12:40:50



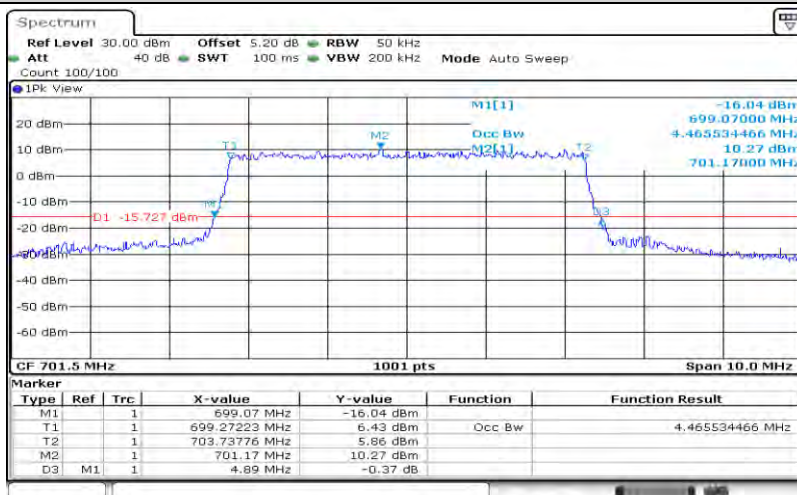


Band12-5MHz-QPSK-23155-25RB#0-4.466



Date: 29 MAY 2020 12:41:30

Band12-5MHz-64QAM-23035-25RB#0-4.466



Date: 1 JUN 2020 07:54:57



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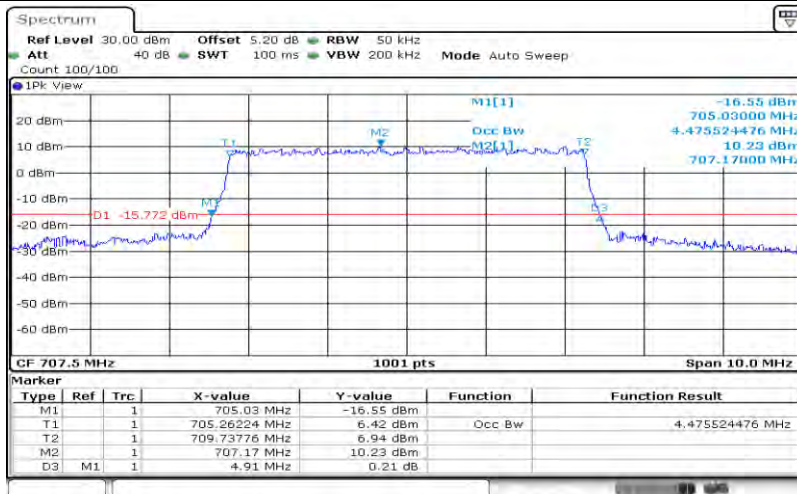
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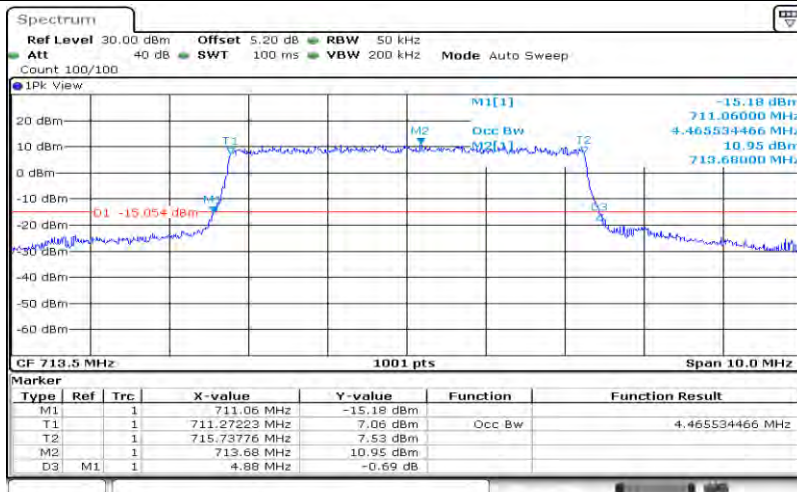


Band12-5MHz-64QAM-23095-25RB#0-4.476



Date: 1 JUN.2020 07:55:17

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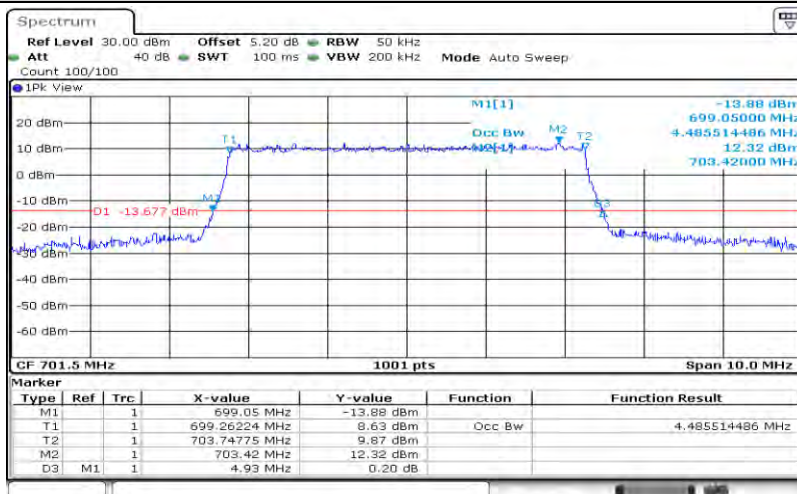


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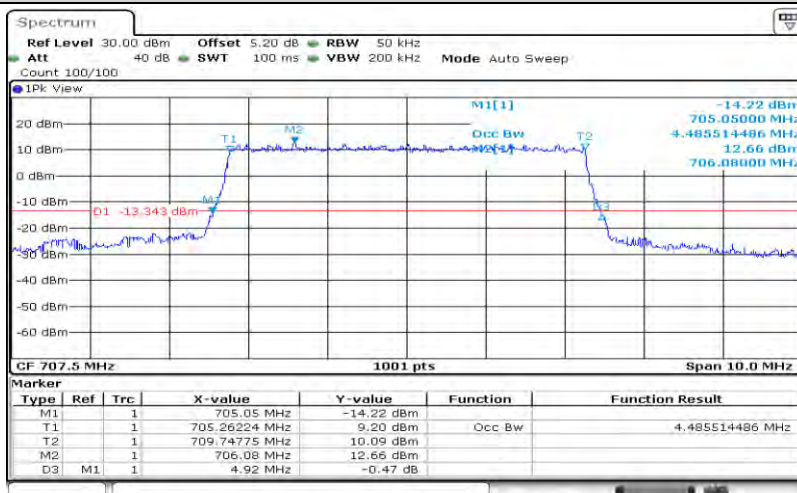


Band12-5MHz-16QAM-23035-25RB#0-4.486



Date: 29 MAY 2020 12:40:30

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



Date: 29 MAY 2020 12:41:10

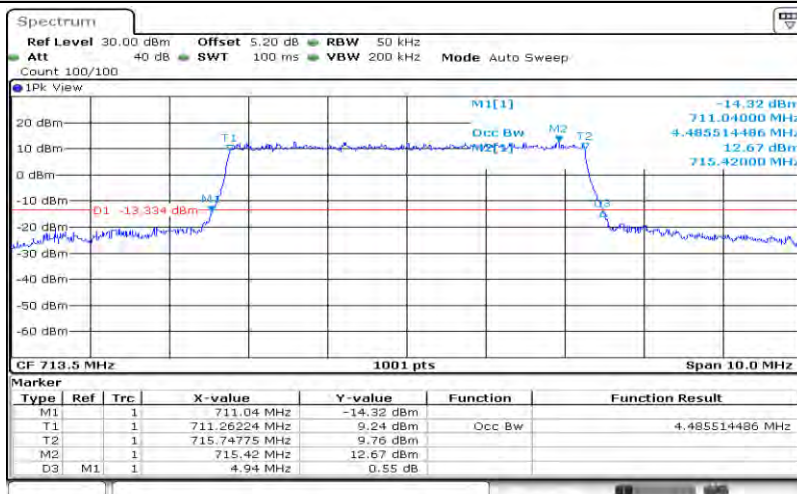


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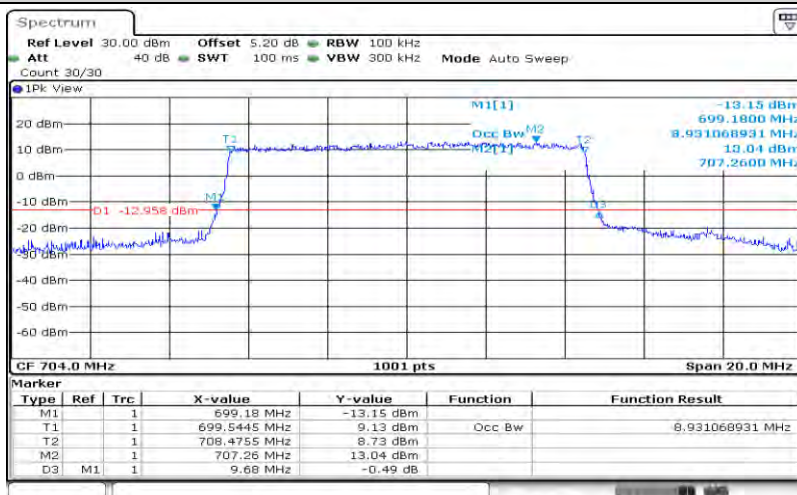


Band12-5MHz-16QAM-23155-25RB#0-4.486



Date: 29 MAY 2020 12:41:49

Band12-10MHz-QPSK-23060-50RB#0-8.931



Date: 29 MAY 2020 12:42:07

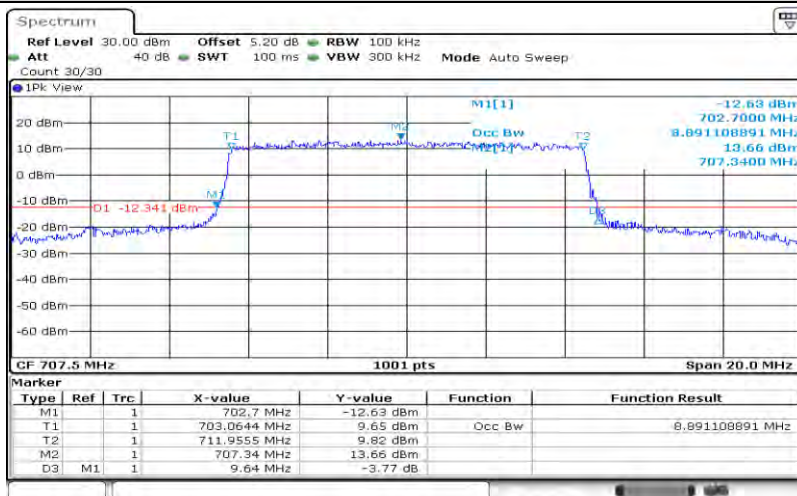


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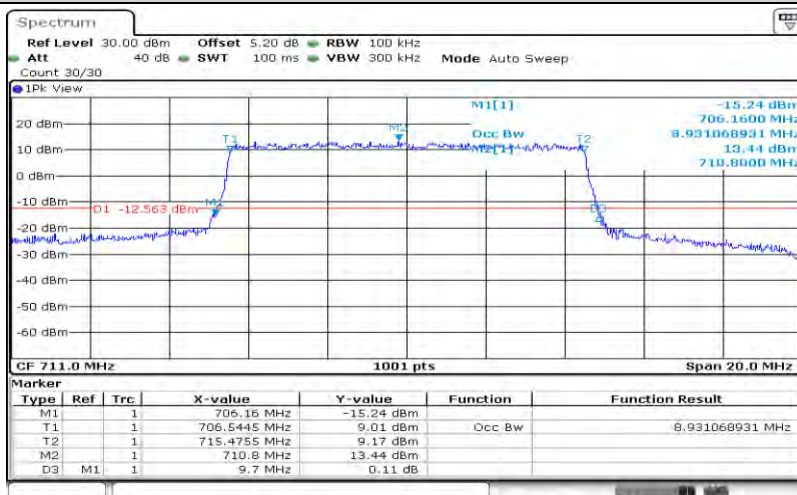


Band12-10MHz-QPSK-23095-50RB#0-8.891



Date: 29 MAY 2020 12:42:32

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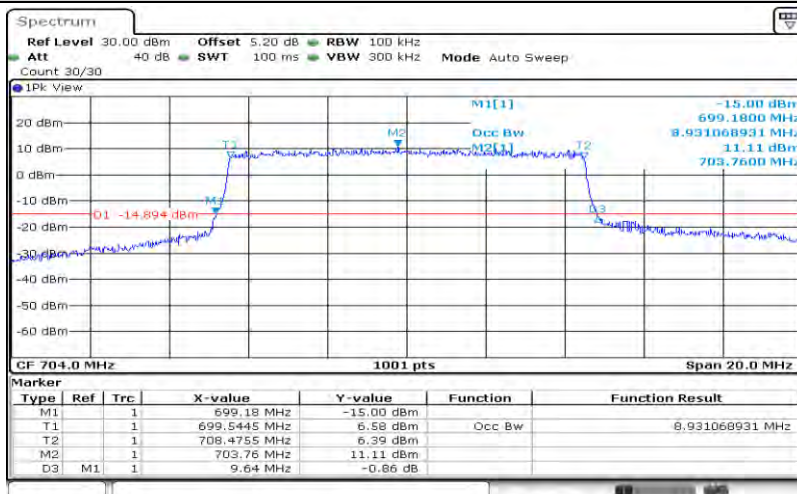


Date: 29 MAY 2020 12:42:58



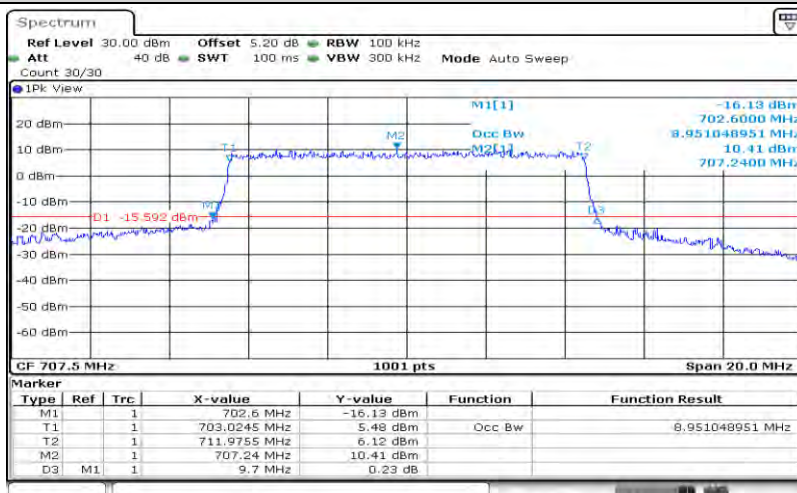


Band12-10MHz-64QAM-23060-50RB#0-8.931



Date: 1 JUN. 2020 07:55:56

Band12-10MHz-64QAM-23095-50RB#0-8.951



Date: 1 JUN. 2020 07:56:09



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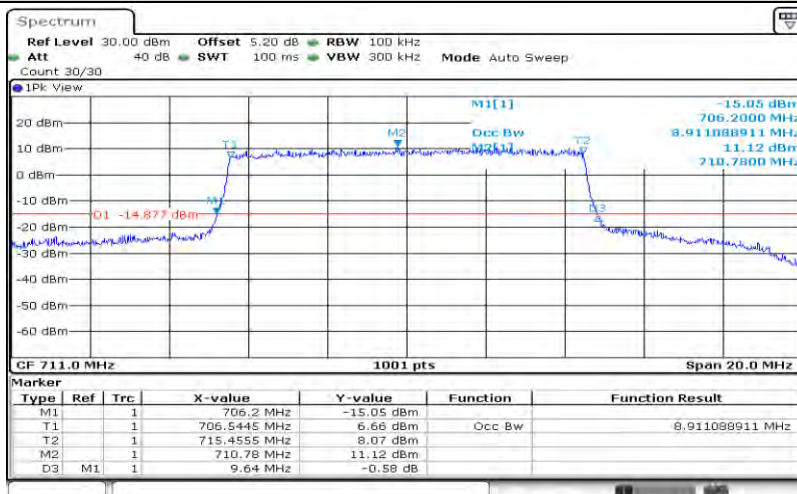
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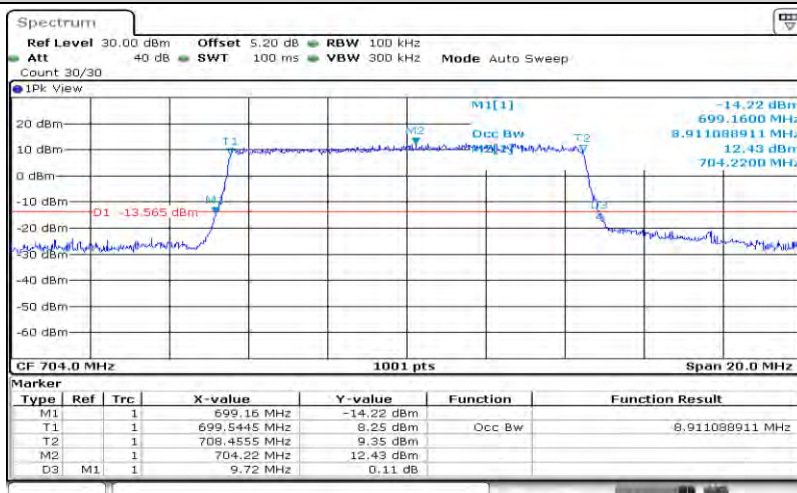


Band12-10MHz-64QAM-23130-50RB#0-8.911



Date: 1 JUN 2020 07:56:22

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



Date: 29 MAY 2020 12:42:19

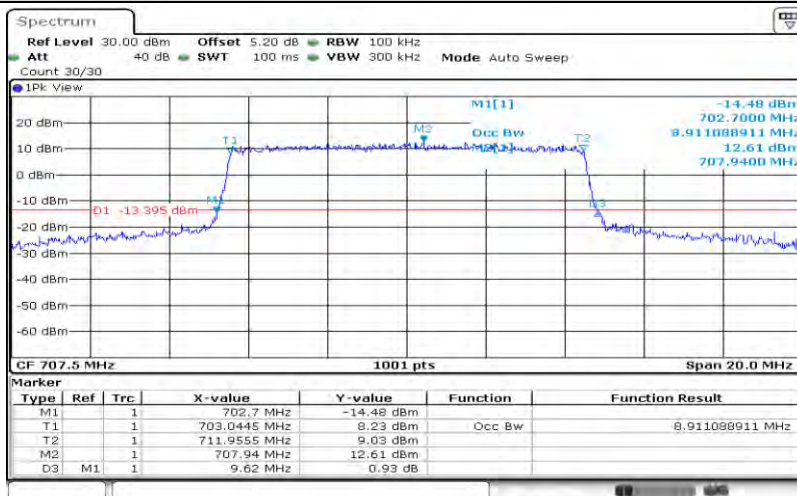


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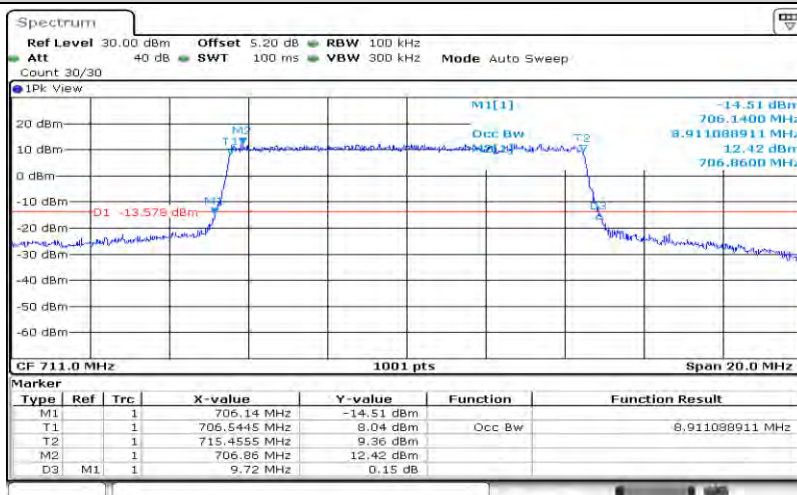


Band12-10MHz-16QAM-23095-50RB#0-8.911



Date: 29 MAY 2020 12:42:45

Band12-10MHz-16QAM-23130-50RB#0-8.911



Date: 29 MAY 2020 12:43:11



5. Band Edge Compliance

5.1. Test Plots

Band12-1.4MHz-QPSK-23017-1RB#0



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



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



Date: 29 MAY 2020 12:45:03

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



Date: 29 MAY 2020 12:45:44



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



Date: 1 JUN. 2020 07:56:50

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



Date: 1 JUN. 2020 07:57:11



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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



Date: 29 MAY 2020 12:43:57

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



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



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



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



Date: 29 MAY 2020 12:46:30

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



Date: 29 MAY 2020 12:47:11



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



Date: 29 MAY 2020 12:47:57

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



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



Date: 1 JUN. 2020 07:58:25

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



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



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



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



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



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



Date: 29 MAY 2020 12:48:17

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



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



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



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



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



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



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



Date: 1 JUN. 2020 08:00:46

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



Date: 1 JUN. 2020 08:01:08



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



Date: 29 MAY 2020 12:49:44

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



Date: 29 MAY 2020 12:50:25



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



Date: 29 MAY 2020 12:51:11

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



Date: 29 MAY 2020 12:51:52



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



Date: 29 MAY 2020 12:52:17

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



Date: 29 MAY 2020 12:52:58



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



Date: 29 MAY 2020 12:53:44

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



Date: 29 MAY 2020 12:54:25



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



Date: 1 JUN. 2020 08:01:34

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



Date: 1 JUN. 2020 08:01:54



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



Date: 1 JUN. 2020 08:02:20

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



Date: 1 JUN. 2020 08:02:41



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



Date: 29 MAY 2020 12:52:38

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



Date: 29 MAY 2020 12:53:19



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



Date: 29 MAY 2020 12:54:05

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



Date: 29 MAY 2020 12:54:46



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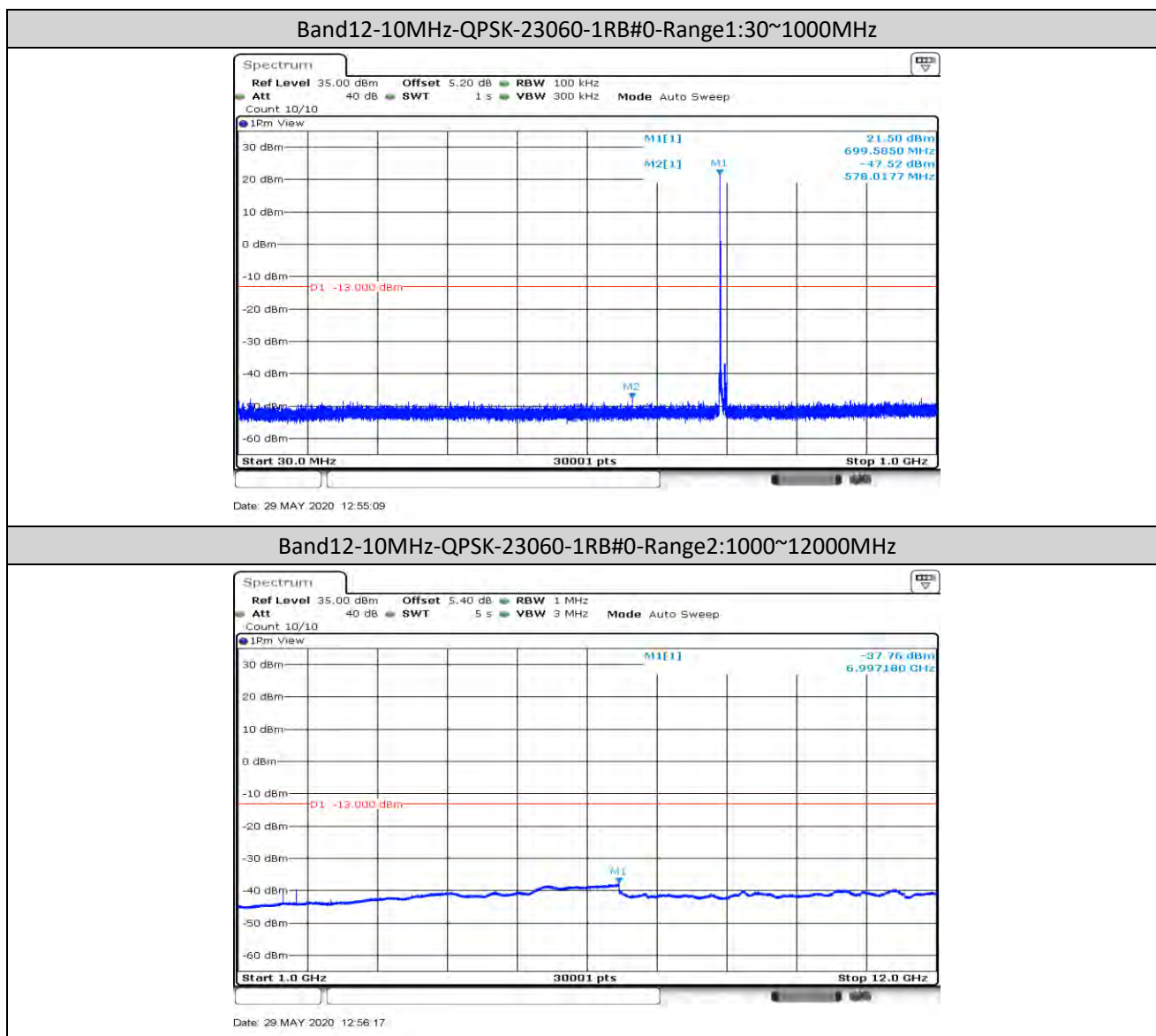
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6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots

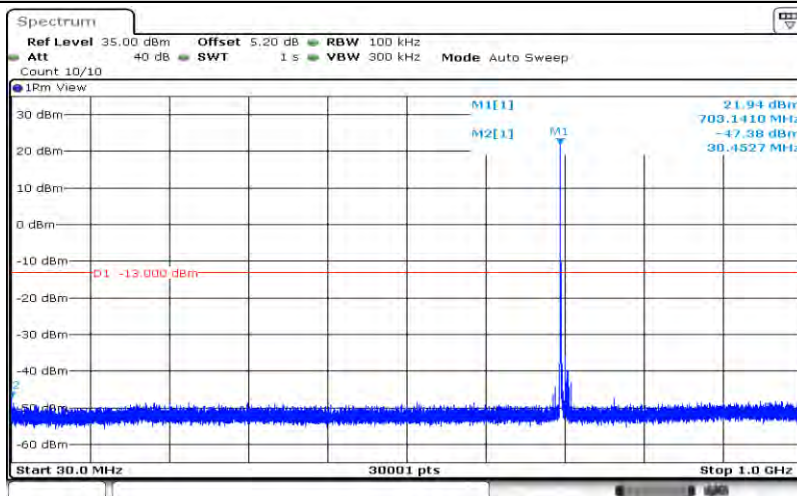


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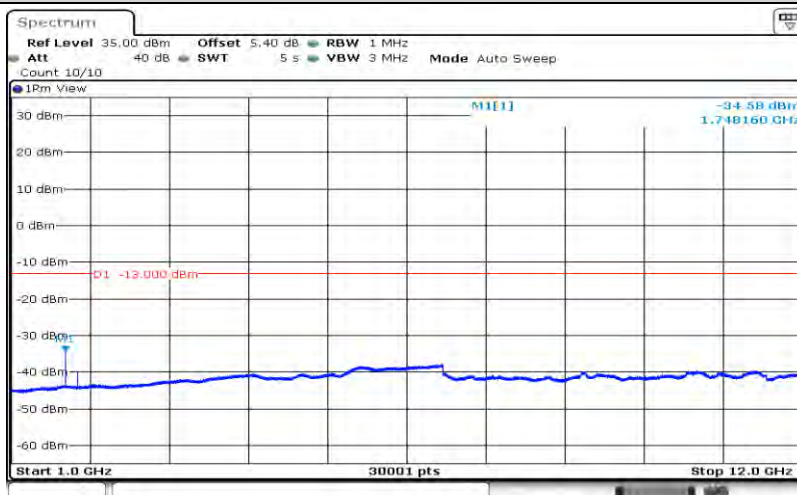
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Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 12:58:04

Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~12000MHz



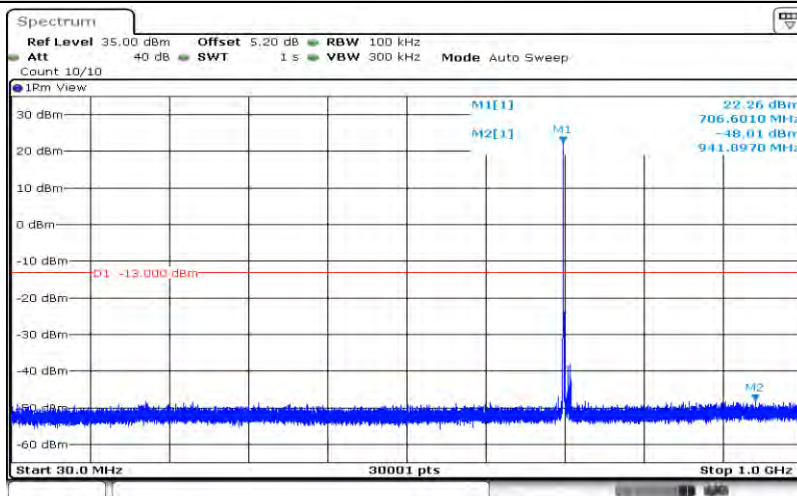
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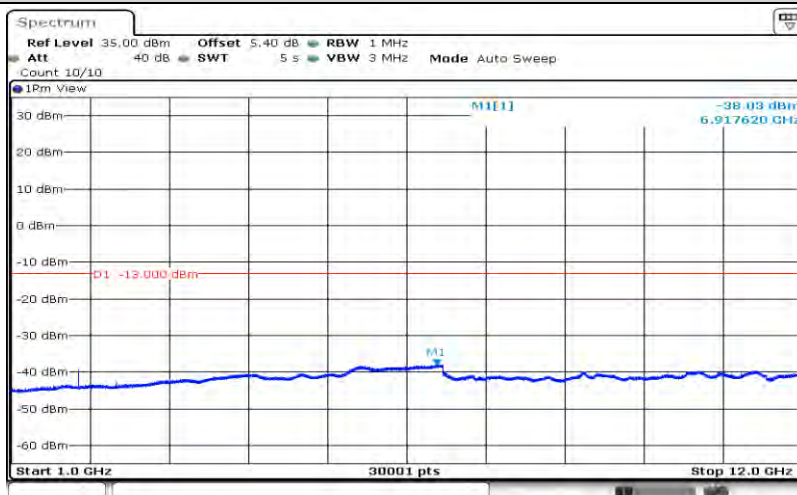
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Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 13:00:58

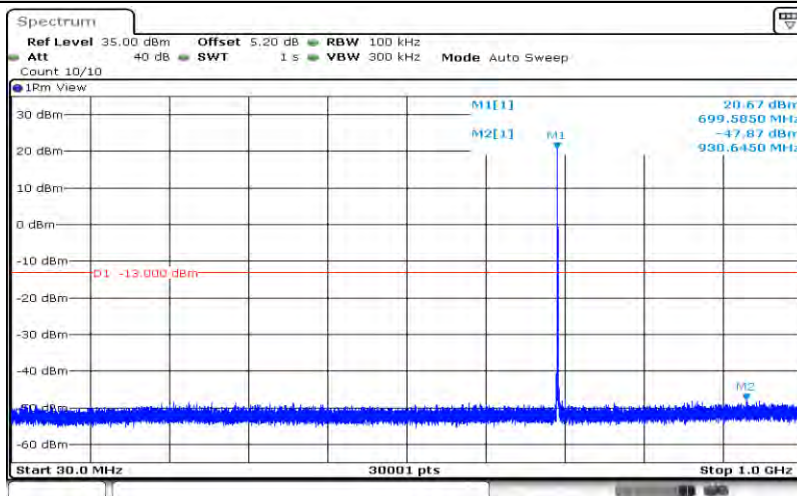
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~12000MHz



Date: 29 MAY 2020 13:02:05

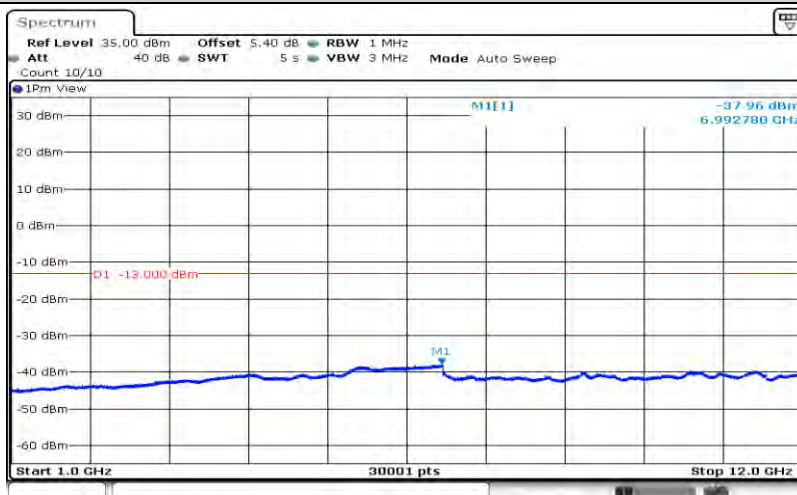


Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz



Date: 1 JUN. 2020 08:03:06

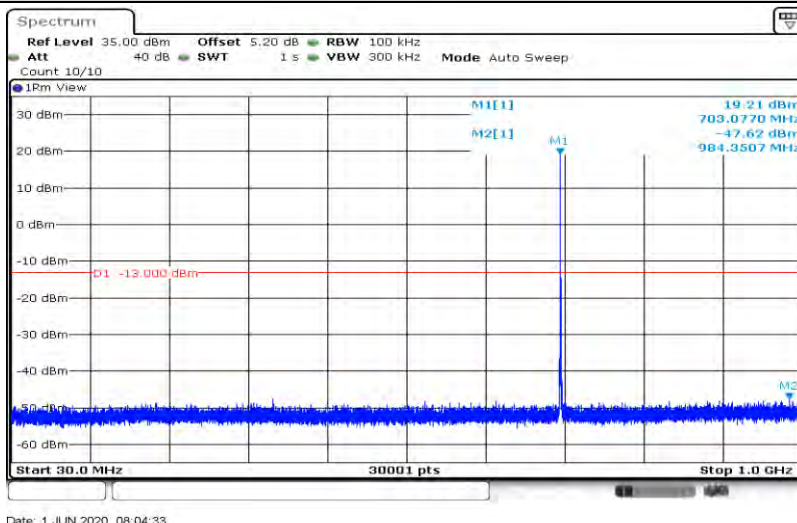
Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~12000MHz



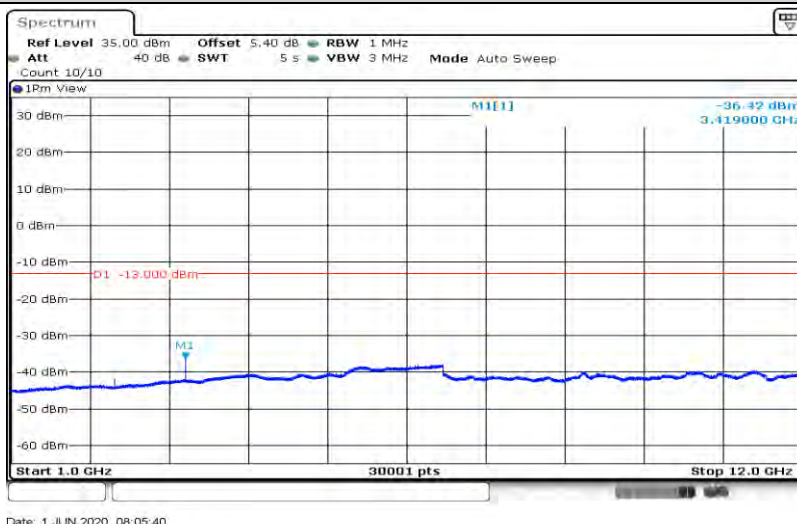
Date: 1 JUN. 2020 08:04:13



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



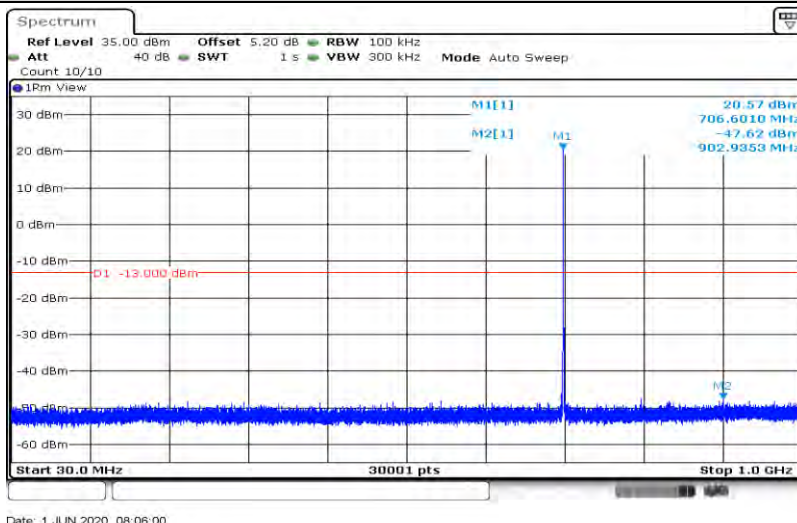
Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~12000MHz



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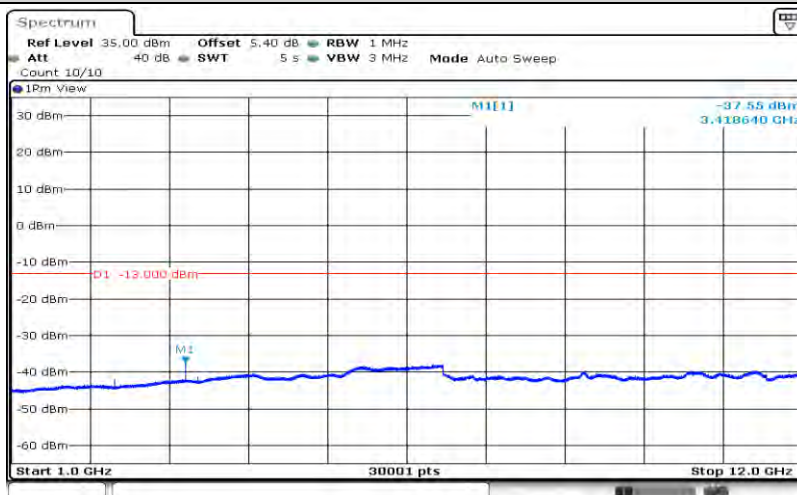
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Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz



Date: 1 JUN. 2020 08:06:00

Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~12000MHz



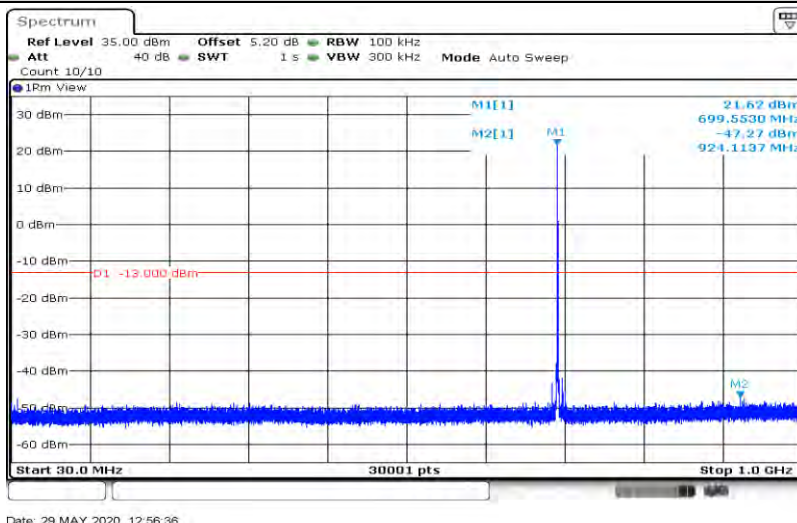
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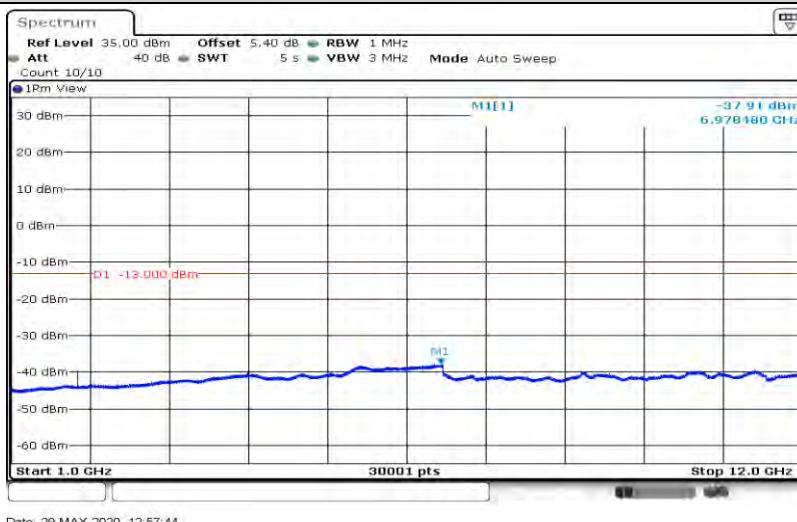
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Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 12:56:36

Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~12000MHz



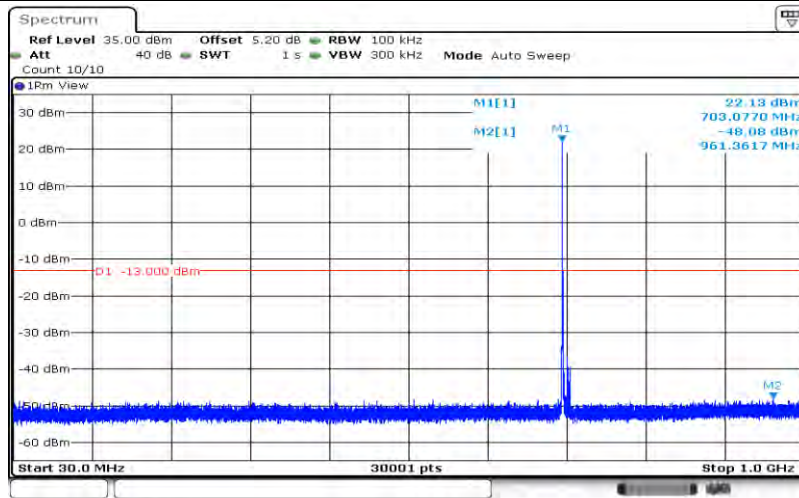
Date: 29 MAY 2020 12:57:44



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



Date: 29 MAY 2020 12:59:31

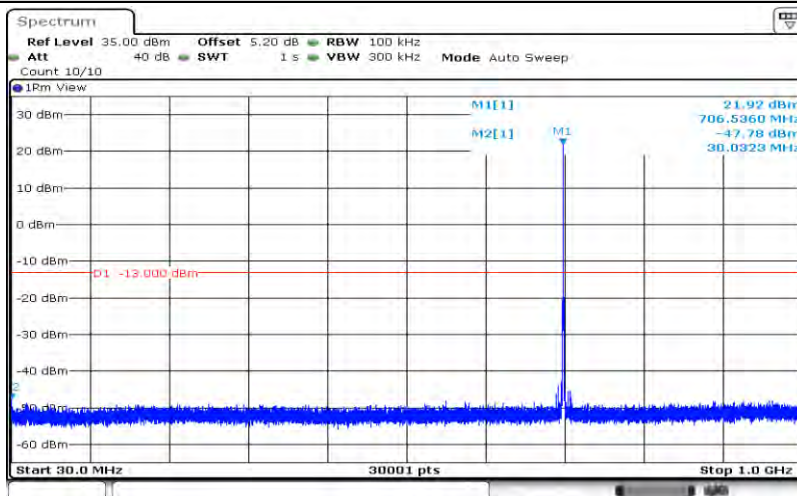
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~12000MHz



Date: 29 MAY 2020 13:00:38

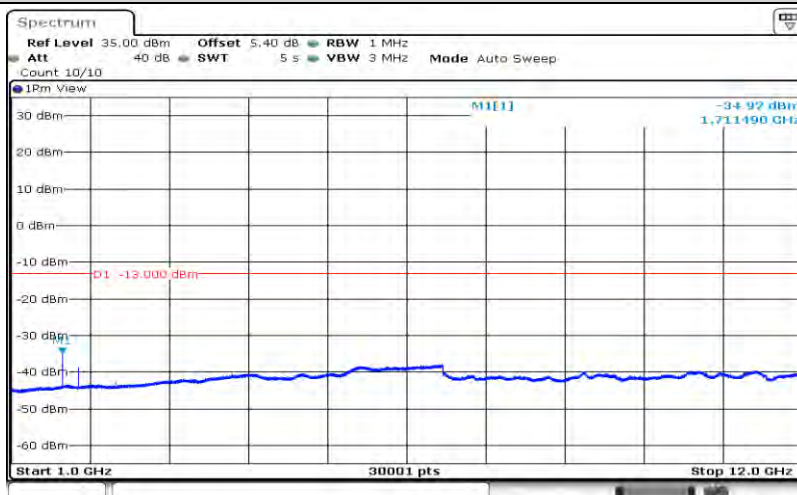


Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Date: 29 MAY 2020 13:02:25

Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~12000MHz



Date: 29 MAY 2020 13:03:32



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7. Field Strength of Spurious Radiation

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

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.046667	-72.35	-13.00	59.35	190	351	Vertical
191.420000	-79.09	-13.00	66.09	268	181	Vertical
1399.000000	-67.08	-13.00	54.08	167	117	Vertical
2803.500000	-57.30	-13.00	44.30	268	154	Vertical
4307.475000	-65.83	-13.00	52.83	281	168	Vertical
7994.437500	-62.89	-13.00	49.89	268	216	Vertical
62.760000	-73.64	-13.00	60.64	208	130	Horizontal
191.420000	-68.62	-13.00	55.62	209	196	Horizontal
1427.500000	-66.68	-13.00	53.68	279	358	Horizontal
2791.500000	-56.90	-13.00	43.90	221	137	Horizontal
4267.500000	-65.83	-13.00	52.83	229	20	Horizontal
7959.337500	-62.74	-13.00	49.74	194	271	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.813333	-73.09	-13.00	60.09	260	206	Vertical
191.466667	-79.66	-13.00	66.66	167	310	Vertical
1448.000000	-66.29	-13.00	53.29	223	181	Vertical
2863.000000	-57.35	-13.00	44.35	255	329	Vertical
4352.812500	-66.21	-13.00	53.21	182	152	Vertical
8638.425000	-62.80	-13.00	49.80	277	140	Vertical
62.853333	-73.37	-13.00	60.37	160	60	Horizontal
191.466667	-68.13	-13.00	55.13	214	285	Horizontal
1423.500000	-66.68	-13.00	53.68	282	182	Horizontal
2800.500000	-56.93	-13.00	43.93	281	89	Horizontal
4286.025000	-65.82	-13.00	52.82	290	321	Horizontal
7966.162500	-62.57	-13.00	49.57	287	113	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.366667	-73.93	-13.00	60.93	204	34	Vertical
191.420000	-78.46	-13.00	65.46	185	343	Vertical
1434.000000	-66.66	-13.00	53.66	289	3	Vertical
2713.500000	-57.35	-13.00	44.35	212	29	Vertical
4283.100000	-66.29	-13.00	53.29	288	62	Vertical
9265.837500	-62.34	-13.00	49.34	265	215	Vertical
64.860000	-74.75	-13.00	61.75	266	221	Horizontal
191.420000	-68.46	-13.00	55.46	276	251	Horizontal
1455.000000	-65.92	-13.00	52.92	297	281	Horizontal
2882.000000	-56.49	-13.00	43.49	283	231	Horizontal
4353.787500	-65.67	-13.00	52.67	180	73	Horizontal
7951.050000	-62.81	-13.00	49.81	216	71	Horizontal

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

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.420000	-71.04	-13.00	58.04	204	241	Vertical
191.513333	-78.66	-13.00	65.66	190	79	Vertical
1473.500000	-66.23	-13.00	53.23	290	336	Vertical
2099.000000	-58.83	-13.00	45.83	181	133	Vertical
3650.325000	-67.81	-13.00	54.81	252	123	Vertical
5614.950000	-65.68	-13.00	52.68	183	184	Vertical
65.280000	-73.26	-13.00	60.26	248	63	Horizontal
191.606667	-68.21	-13.00	55.21	287	202	Horizontal
465.858333	-78.35	-13.00	65.35	183	39	Horizontal
2099.000000	-60.44	-13.00	47.44	278	20	Horizontal
2992.000000	-56.11	-13.00	43.11	159	187	Horizontal
4300.650000	-65.73	-13.00	52.73	235	15	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
66.400000	-71.10	-13.00	58.10	269	259	Vertical
191.560000	-77.79	-13.00	64.79	199	123	Vertical
2109.500000	-58.66	-13.00	45.66	165	64	Vertical
3834.112500	-66.66	-13.00	53.66	254	31	Vertical
5611.050000	-65.96	-13.00	52.96	172	53	Vertical
9236.100000	-62.28	-13.00	49.28	258	345	Vertical
63.646667	-73.63	-13.00	60.63	176	226	Horizontal
191.560000	-68.88	-13.00	55.88	204	53	Horizontal
1465.500000	-65.61	-13.00	52.61	202	257	Horizontal
2109.500000	-59.64	-13.00	46.64	282	254	Horizontal
3562.575000	-67.64	-13.00	54.64	228	208	Horizontal
4989.000000	-65.93	-13.00	52.93	161	297	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
65.513333	-71.14	-13.00	58.14	275	55	Vertical
191.560000	-79.24	-13.00	66.24	165	192	Vertical
1447.000000	-66.27	-13.00	53.27	159	188	Vertical
2120.000000	-58.72	-13.00	45.72	253	162	Vertical
3509.437500	-68.23	-13.00	55.23	285	339	Vertical
5063.587500	-65.75	-13.00	52.75	165	220	Vertical
62.946667	-73.65	-13.00	60.65	178	167	Horizontal
191.560000	-69.28	-13.00	56.28	246	261	Horizontal
1456.000000	-65.92	-13.00	52.92	165	68	Horizontal
2120.000000	-58.75	-13.00	45.75	289	233	Horizontal
3556.725000	-67.79	-13.00	54.79	255	350	Horizontal
5070.900000	-65.48	-13.00	52.48	262	9	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.



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- 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	-3.40	-0.004830	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-1.40	-0.001989	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-0.30	-0.000424	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	0.80	0.001131	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	3.50	0.004947	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-1.60	-0.002250	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-3.30	-0.004641	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-0.30	-0.000422	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	-4.20	-0.005966	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	-3.80	-0.005398	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	0.90	0.001278	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	1.80	0.002544	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	3.60	0.005088	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	0.40	0.000565	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-3.80	-0.005345	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	-1.40	-0.001969	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	3.40	0.004782	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-1.40	-0.001989	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.70	0.002415	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-3.00	-0.004261	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-3.50	-0.004947	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-5.00	-0.007067	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-1.30	-0.001837	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	3.70	0.005204	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	2.30	0.003235	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-3.20	-0.004501	±2.5	PASS

8.2. Frequency Vs Temperature

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



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Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-1.70	-0.002415	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-2.10	-0.002983	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.60	-0.002273	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-1.50	-0.002131	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-2.00	-0.002841	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-2.70	-0.003835	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	2.80	0.003977	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	3.80	0.005398	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.20	-0.003110	±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	0	-2.20	-0.003110	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.80	-0.003958	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.80	-0.001131	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-3.70	-0.005230	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	2.10	0.002968	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-0.80	-0.001131	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	1.90	0.002672	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-4.30	-0.006048	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-4.60	-0.006470	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	0.50	0.000703	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-3.00	-0.004219	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	1.00	0.001406	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-2.90	-0.004079	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	-1.50	-0.002131	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	-4.60	-0.006534	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	4.00	0.005682	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	-0.40	-0.000568	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	-1.30	-0.001847	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	1.10	0.001563	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	-3.40	-0.004830	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-0.70	-0.000989	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-1.60	-0.002261	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	-2.40	-0.003392	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-3.30	-0.004664	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-3.50	-0.004947	±2.5	PASS



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Band12	10MHz	64QAM	23095	50RB#0	NV	40	-3.70	-0.005230	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	-3.80	-0.005371	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	2.00	0.002813	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	1.10	0.001547	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-0.90	-0.001266	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-1.70	-0.002391	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-2.70	-0.003797	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-2.80	-0.003938	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-0.80	-0.001136	±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	0	2.30	0.003267	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	0.40	0.000568	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	2.70	0.003835	±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	1.80	0.002557	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	1.00	0.001413	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-4.00	-0.005654	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-5.20	-0.007350	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-4.60	-0.006502	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-4.30	-0.006078	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-4.20	-0.005936	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-4.60	-0.006502	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	4.30	0.006078	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-1.30	-0.001828	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	0.70	0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	1.00	0.001406	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	1.00	0.001406	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	0.80	0.001125	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	0.30	0.000422	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-0.40	-0.000563	±2.5	PASS

