



Appendix B

E-UTRA Band 12



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT0:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.74	20.52	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.86	20.64	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.73	20.51	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.81	20.59	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.88	20.66	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.79	20.57	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.90	19.68	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.74	20.52	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.81	20.59	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.77	20.55	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.82	20.60	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.91	20.69	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.68	20.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.86	19.64	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.72	20.50	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.54	20.32	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.96	20.74	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.56	20.34	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.31	20.09	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.11	19.89	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.39	19.17	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.24	20.02	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.48	20.26	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.80	19.58	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.98	19.76	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.95	19.73	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.94	19.72	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.92	18.70	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.05	19.83	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.02	19.80	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.20	19.98	34.77	PASS



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Band12	1.4MHz	16QAM	23095	3RB#0	21.75	19.53	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	21.87	19.65	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.89	19.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.04	18.82	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.29	20.07	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.09	19.87	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.55	19.33	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.54	19.32	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.29	19.07	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.31	19.09	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.50	18.28	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	20.14	17.92	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	20.18	17.96	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	20.14	17.92	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	20.13	17.91	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	20.28	18.06	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	20.09	17.87	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.28	17.06	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	20.40	18.18	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	20.45	18.23	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	20.41	18.19	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	20.45	18.23	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	20.43	18.21	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	20.50	18.28	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.62	17.40	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	20.43	18.21	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	20.56	18.34	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.47	18.25	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	20.45	18.23	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	20.50	18.28	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	20.49	18.27	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.61	17.39	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	17.35	15.13	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	17.41	15.19	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	17.25	15.03	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#0	17.25	15.03	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#1	17.42	15.20	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#3	17.26	15.04	34.77	PASS



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Band12	1.4MHz	256QAM	23017	6RB#0	17.3	15.08	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	17.56	15.34	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	17.6	15.38	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	17.64	15.42	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#0	17.6	15.38	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#1	17.57	15.35	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#3	17.64	15.42	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	17.63	15.41	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	17.67	15.45	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	17.74	15.52	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	17.64	15.42	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#0	17.53	15.31	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#1	17.79	15.57	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#3	17.64	15.42	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	17.47	15.25	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.74	20.52	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.89	20.67	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.79	20.57	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.00	19.78	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.97	19.75	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.88	19.66	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.95	19.73	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.66	20.44	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.88	20.66	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.80	20.58	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.91	19.69	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.97	19.75	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.85	19.63	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.82	19.60	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.80	20.58	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.78	20.56	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.40	20.18	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.83	19.61	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.95	19.73	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.77	19.55	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.87	19.65	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.31	20.09	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.09	19.87	34.77	PASS



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Band12	3MHz	16QAM	23025	1RB#14	22.27	20.05	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.09	18.87	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.91	18.69	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.93	18.71	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.79	18.57	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.83	19.61	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.53	20.31	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.29	20.07	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.03	18.81	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.03	18.81	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.94	18.72	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.67	18.45	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.95	19.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.02	19.80	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.94	19.72	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.79	18.57	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.06	18.84	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.89	18.67	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.84	18.62	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	20.38	18.16	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	20.43	18.21	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.31	18.09	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	19.37	17.15	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	19.38	17.16	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	19.40	17.18	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.33	17.11	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	20.68	18.46	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	20.69	18.47	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	20.57	18.35	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	19.60	17.38	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	19.75	17.53	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	19.68	17.46	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.66	17.44	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.76	18.54	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.78	18.56	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	20.49	18.27	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	19.56	17.34	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	19.86	17.64	34.77	PASS



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Band12	3MHz	64QAM	23165	8RB#7	19.71	17.49	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.60	17.38	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	17.40	15.18	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	17.41	15.19	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	17.18	14.96	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#0	17.30	15.08	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#4	17.41	15.19	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#7	17.26	15.04	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	17.33	15.11	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	17.54	15.32	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	17.59	15.37	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	17.60	15.38	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#0	17.64	15.42	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#4	17.60	15.38	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#7	17.64	15.42	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	17.65	15.43	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	17.66	15.44	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	17.75	15.53	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	17.67	15.45	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#0	17.48	15.26	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#4	17.79	15.57	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#7	17.65	15.43	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	17.50	15.28	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.77	20.55	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.80	20.58	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.76	20.54	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.95	19.73	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.95	19.73	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.94	19.72	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.96	19.74	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.75	20.53	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.92	20.70	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.79	20.57	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.93	19.71	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.89	19.67	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.92	19.70	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.90	19.68	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.80	20.58	34.77	PASS



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Band12	5MHz	QPSK	23155	1RB#12	22.79	20.57	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.38	20.16	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.83	19.61	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.98	19.76	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.68	19.46	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.75	19.53	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.44	20.22	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.00	19.78	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.09	19.87	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.98	18.76	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.92	18.70	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.97	18.75	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.98	18.76	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.95	19.73	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.20	19.98	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.22	20.00	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.98	18.76	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.96	18.74	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.94	18.72	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.93	18.71	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.03	19.81	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.26	20.04	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.64	19.42	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.85	18.63	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.90	18.68	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.86	18.64	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.85	18.63	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	20.45	18.23	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	20.39	18.17	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	20.33	18.11	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	19.35	17.13	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	19.43	17.21	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	19.35	17.13	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.35	17.13	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	20.59	18.37	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	20.77	18.55	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	20.56	18.34	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	19.67	17.45	34.77	PASS



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Band12	5MHz	64QAM	23095	12RB#6	19.70	17.48	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	19.76	17.54	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.64	17.42	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.77	18.55	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	20.75	18.53	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	20.51	18.29	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	19.61	17.39	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	19.81	17.59	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	19.74	17.52	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.64	17.42	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	17.38	15.16	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	17.41	15.19	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	17.18	14.96	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#0	17.29	15.07	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#6	17.43	15.21	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#13	17.26	15.04	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	17.27	15.05	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	17.59	15.37	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	17.60	15.38	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	17.61	15.39	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#0	17.65	15.43	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#6	17.59	15.37	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#13	17.62	15.40	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	17.63	15.41	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	17.67	15.45	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	17.77	15.55	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	17.62	15.40	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#0	17.55	15.33	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#6	17.76	15.54	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#13	17.65	15.43	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	17.50	15.28	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.89	20.67	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.87	20.65	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.98	20.76	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.91	19.69	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.91	19.69	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.81	19.59	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.14	19.92	34.77	PASS



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Band12	10MHz	QPSK	23095	1RB#0	22.82	20.60	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.84	20.62	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.95	20.73	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.96	19.74	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.11	19.89	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.01	19.79	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.02	19.80	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.77	20.55	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.77	20.55	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.31	20.09	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.96	19.74	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.97	19.75	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.95	19.73	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.09	19.87	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.95	19.73	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.81	19.59	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.53	20.31	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.03	18.81	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.07	18.85	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.83	18.61	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.11	18.89	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.41	20.19	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.04	19.82	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.18	19.96	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.00	18.78	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.08	18.86	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.91	18.69	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.12	18.90	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.93	19.71	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.38	20.16	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.96	19.74	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.95	18.73	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.99	18.77	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.05	18.83	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.04	18.82	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.36	18.14	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	20.42	18.20	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	20.36	18.14	34.77	PASS



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Band12	10MHz	64QAM	23060	25RB#0	19.35	17.13	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	19.39	17.17	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	19.37	17.15	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.34	17.12	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.64	18.42	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	20.76	18.54	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.60	18.38	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	19.63	17.41	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	19.75	17.53	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	19.70	17.48	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.71	17.49	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.73	18.51	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.75	18.53	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	20.50	18.28	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	19.58	17.36	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	19.86	17.64	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	19.81	17.59	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.66	17.44	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	17.42	15.20	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	17.4	15.18	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	17.19	14.97	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#0	17.24	15.02	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#12	17.42	15.20	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#25	17.26	15.04	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	17.3	15.08	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	17.55	15.33	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	17.63	15.41	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	17.62	15.40	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#0	17.59	15.37	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#12	17.55	15.33	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#25	17.6	15.38	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	17.64	15.42	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	17.67	15.45	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	17.79	15.57	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	17.63	15.41	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#0	17.51	15.29	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#12	17.79	15.57	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#25	17.68	15.46	34.77	PASS



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Band12	10MHz	256QAM	23130	50RB#0	17.47	15.25	34.77	PASS
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ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.09	20.31	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.07	20.29	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.96	20.18	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.05	20.27	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.08	20.30	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.99	20.21	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.14	19.36	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.07	20.29	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.24	20.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.04	20.26	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.02	20.24	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.08	20.30	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.06	20.28	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.05	19.27	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.00	20.22	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.04	20.26	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.89	20.11	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.01	20.23	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.06	20.28	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.99	20.21	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.07	19.29	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.68	19.90	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.63	19.85	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.28	19.50	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.24	19.46	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.20	19.42	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.23	19.45	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.99	18.21	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.45	19.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.47	19.69	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.25	19.47	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.17	19.39	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.24	19.46	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.24	19.46	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.15	18.37	34.77	PASS



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Band12	1.4MHz	16QAM	23173	1RB#0	22.32	19.54	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.96	19.18	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.03	19.25	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.24	19.46	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.21	19.43	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.21	19.43	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.21	18.43	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.03	18.25	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.10	18.32	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.04	18.26	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	20.88	18.10	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	20.96	18.18	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	20.85	18.07	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.75	16.97	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.03	18.25	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.14	18.36	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.04	18.26	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	20.86	18.08	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	20.96	18.18	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	20.93	18.15	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.71	16.93	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.12	18.34	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.18	18.40	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.09	18.31	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	20.91	18.13	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.02	18.24	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.02	18.24	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.72	16.94	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	17.82	15.04	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	17.91	15.13	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	17.82	15.04	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#0	17.98	15.20	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#1	17.91	15.13	34.77	PASS
Band12	1.4MHz	256QAM	23017	3RB#3	17.99	15.21	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	17.79	15.01	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	17.88	15.10	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	17.94	15.16	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	17.93	15.15	34.77	PASS



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Band12	1.4MHz	256QAM	23095	3RB#0	17.88	15.10	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#1	17.89	15.11	34.77	PASS
Band12	1.4MHz	256QAM	23095	3RB#3	17.97	15.19	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	17.97	15.19	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.03	15.25	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	17.98	15.20	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	17.81	15.03	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#0	17.75	14.97	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#1	17.86	15.08	34.77	PASS
Band12	1.4MHz	256QAM	23173	3RB#3	18.06	15.28	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	17.97	15.19	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.70	19.92	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.19	20.41	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.83	20.05	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.94	19.16	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.16	19.38	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.26	19.48	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.05	19.27	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.87	20.09	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.17	20.39	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.93	20.15	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.01	19.23	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.09	19.31	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.16	19.38	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.95	19.17	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.69	19.91	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.01	20.23	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.66	19.88	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.03	19.25	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.13	19.35	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.10	19.32	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.14	19.36	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.31	19.53	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.25	19.47	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.44	19.66	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.12	18.34	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.10	18.32	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.03	18.25	34.77	PASS



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Band12	3MHz	16QAM	23025	15RB#0	21.13	18.35	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.83	19.05	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.92	19.14	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.61	19.83	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.23	18.45	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.24	18.46	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.17	18.39	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.18	18.40	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.94	19.16	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.13	19.35	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.94	19.16	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.87	18.09	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.11	18.33	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.26	18.48	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.18	18.40	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.02	18.24	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.16	18.38	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.94	18.16	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	19.96	17.18	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	19.93	17.15	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	19.94	17.16	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.95	17.17	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.09	18.31	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.01	18.23	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.08	18.30	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	19.80	17.02	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.04	17.26	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	19.93	17.15	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.73	16.95	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.27	18.49	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.21	18.43	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.11	18.33	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	19.87	17.09	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.01	17.23	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	19.89	17.11	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.81	17.03	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	17.81	15.03	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	17.88	15.10	34.77	PASS



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Band12	3MHz	256QAM	23025	1RB#14	17.92	15.14	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#0	17.89	15.11	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#4	17.84	15.06	34.77	PASS
Band12	3MHz	256QAM	23025	8RB#7	18.03	15.25	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	17.74	14.96	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	17.82	15.04	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.04	15.26	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	17.88	15.10	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#0	17.81	15.03	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#4	17.92	15.14	34.77	PASS
Band12	3MHz	256QAM	23095	8RB#7	17.84	15.06	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	17.90	15.12	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	17.93	15.15	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#8	18.02	15.24	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	17.92	15.14	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#0	17.81	15.03	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#4	17.83	15.05	34.77	PASS
Band12	3MHz	256QAM	23165	8RB#7	18.15	15.37	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	17.94	15.16	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.68	19.90	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.16	20.38	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.98	20.20	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.00	19.22	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.20	19.42	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.15	19.37	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.04	19.26	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.85	20.07	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.05	20.27	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.88	20.10	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.02	19.24	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.21	19.43	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.26	19.48	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.95	19.17	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.74	19.96	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.97	20.19	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.70	19.92	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.00	19.22	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.19	19.41	34.77	PASS



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Band12	5MHz	QPSK	23155	12RB#13	22.24	19.46	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.05	19.27	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.37	19.59	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.07	19.29	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.41	19.63	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.14	18.36	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.19	18.41	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.06	18.28	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.95	18.17	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.92	19.14	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.08	19.30	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.70	19.92	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.16	18.38	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.12	18.34	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.19	18.41	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.14	18.36	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.06	19.28	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.08	19.30	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.01	19.23	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.94	18.16	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.19	18.41	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.11	18.33	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.19	18.41	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.10	18.32	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.22	18.44	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.02	18.24	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	19.78	17.00	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	19.95	17.17	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	19.87	17.09	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.99	17.21	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.07	18.29	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.05	18.27	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	20.96	18.18	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	19.91	17.13	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	19.98	17.20	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	19.80	17.02	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.76	16.98	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.11	18.33	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#12	21.16	18.38	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.07	18.29	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.01	17.23	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.10	17.32	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	19.72	16.94	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.85	17.07	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	17.79	15.01	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	17.99	15.21	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	17.91	15.13	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#0	17.92	15.14	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#6	17.79	15.01	34.77	PASS
Band12	5MHz	256QAM	23035	12RB#13	18.05	15.27	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	17.78	15.00	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	17.86	15.08	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	17.99	15.21	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	17.93	15.15	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#0	17.83	15.05	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#6	17.92	15.14	34.77	PASS
Band12	5MHz	256QAM	23095	12RB#13	17.97	15.19	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	17.94	15.16	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	17.96	15.18	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	17.98	15.20	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	17.79	15.01	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#0	17.71	14.93	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#6	17.97	15.19	34.77	PASS
Band12	5MHz	256QAM	23155	12RB#13	18.12	15.34	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	17.98	15.20	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.78	20.00	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.08	20.30	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.89	20.11	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.98	19.20	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.14	19.36	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.21	19.43	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.09	19.31	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.77	19.99	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.87	20.09	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.20	20.42	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.05	19.27	34.77	PASS



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Band12	10MHz	QPSK	23095	25RB#12	22.13	19.35	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.22	19.44	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.03	19.25	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.71	19.93	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.95	20.17	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.73	19.95	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.07	19.29	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.21	19.43	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.14	19.36	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.05	19.27	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.35	19.57	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.17	19.39	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.39	19.61	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.08	18.30	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.20	18.42	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.13	18.35	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.05	18.27	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.86	19.08	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.02	19.24	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.68	19.90	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.14	18.36	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.21	18.43	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.18	18.40	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.12	18.34	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.04	19.26	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.16	19.38	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.97	19.19	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.94	18.16	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.20	18.42	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.17	18.39	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.22	18.44	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.05	18.27	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.21	18.43	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.04	18.26	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	19.86	17.08	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	19.97	17.19	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	19.90	17.12	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.89	17.11	34.77	PASS



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Band12	10MHz	64QAM	23095	1RB#0	21.09	18.31	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.11	18.33	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.05	18.27	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	19.87	17.09	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	19.96	17.18	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	19.89	17.11	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.82	17.04	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.17	18.39	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.15	18.37	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.03	18.25	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	19.93	17.15	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.02	17.24	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	19.82	17.04	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.79	17.01	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	17.82	15.04	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	17.93	15.15	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	17.86	15.08	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#0	17.92	15.14	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#12	17.83	15.05	34.77	PASS
Band12	10MHz	256QAM	23060	25RB#25	18	15.22	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	17.81	15.03	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	17.83	15.05	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18	15.22	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	17.9	15.12	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#0	17.8	15.02	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#12	17.84	15.06	34.77	PASS
Band12	10MHz	256QAM	23095	25RB#25	17.92	15.14	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	17.94	15.16	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	17.98	15.20	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.02	15.24	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	17.86	15.08	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#0	17.75	14.97	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#12	17.91	15.13	34.77	PASS
Band12	10MHz	256QAM	23130	25RB#25	18.08	15.30	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	17.90	15.12	34.77	PASS



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Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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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	5.68	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.68	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.25	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.96	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	7.04	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.75	13	PASS
Band12	10MHz	256QAM	23060	50RB#0	6.61	13	PASS
Band12	10MHz	256QAM	23095	50RB#0	6.70	13	PASS
Band12	10MHz	256QAM	23130	50RB#0	6.70	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.38	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.41	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.12	13	PASS



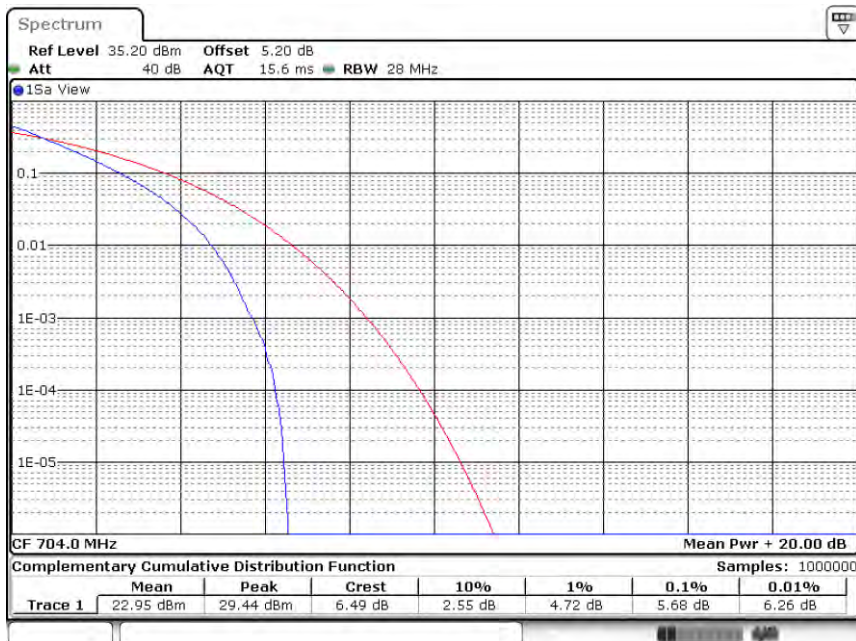
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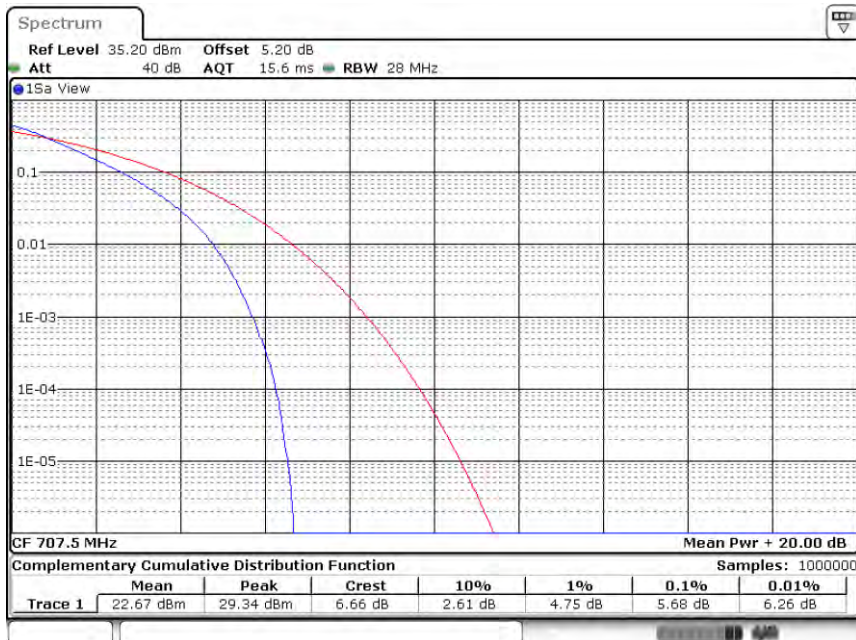
2.2. Test Plots

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



Date: 20 APR 2021 07:21:41

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

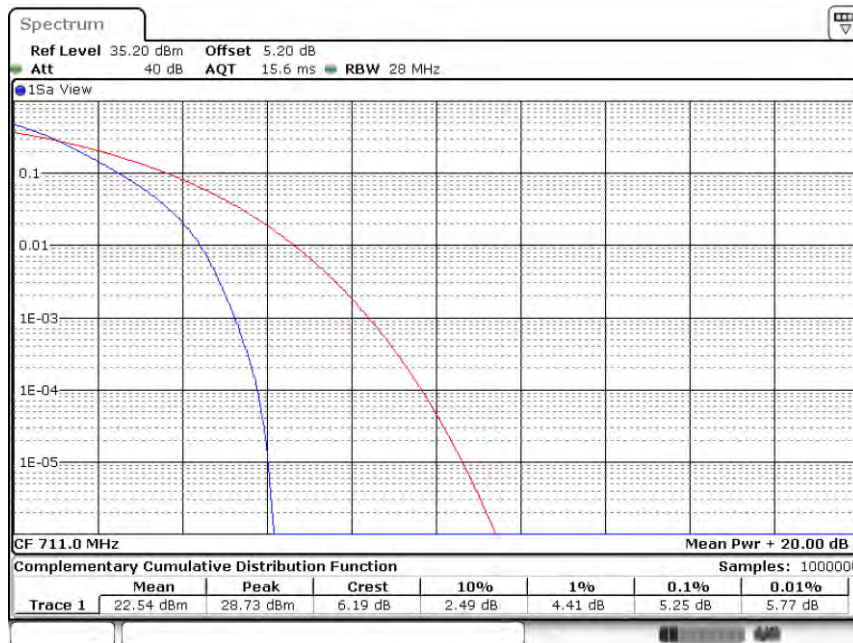


Date: 20 APR 2021 07:22:04



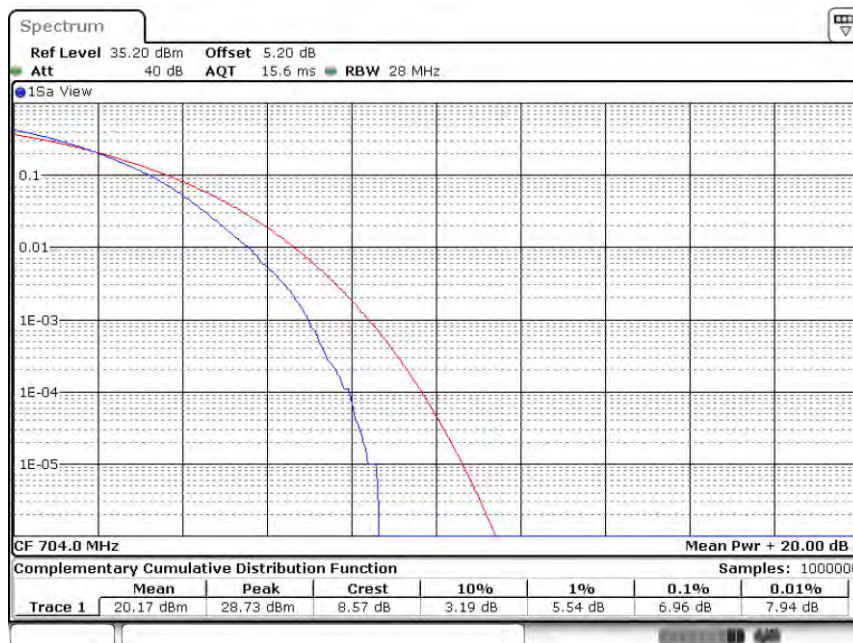
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Band12-10MHz-QPSK-23130-50RB#0



Date: 20 APR 2021 07:22:27

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

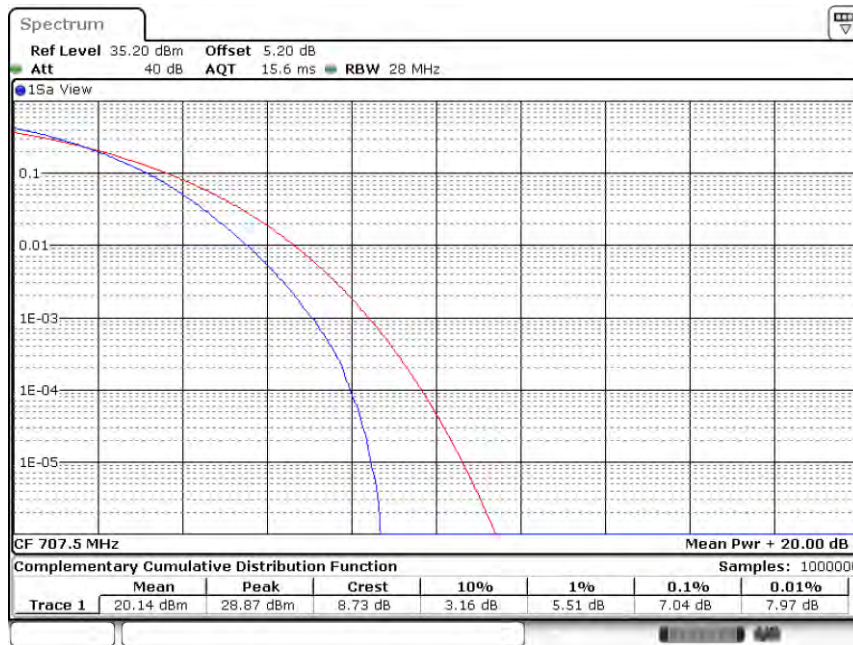


Date: 20 APR 2021 13:27:00



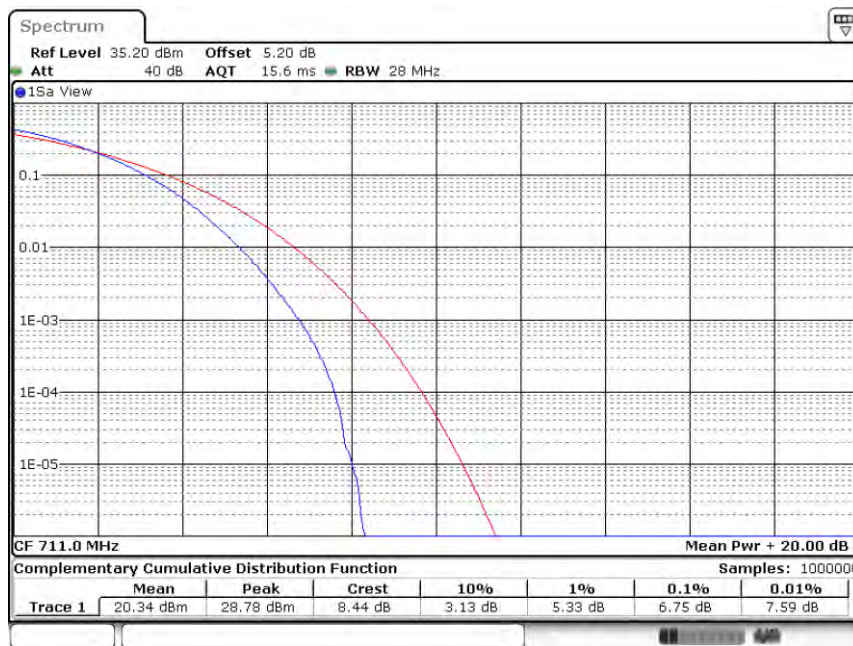
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Band12-10MHz-64QAM-23095-50RB#0



Date: 20 APR 2021 13:27:11

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



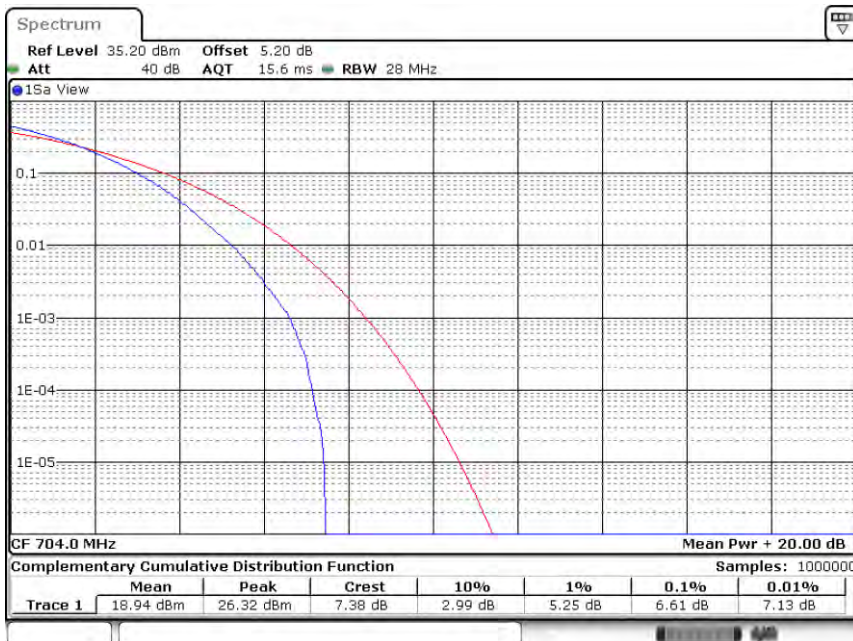
Date: 20 APR 2021 13:27:23

Band12-10MHz-256QAM-23060-50RB#0



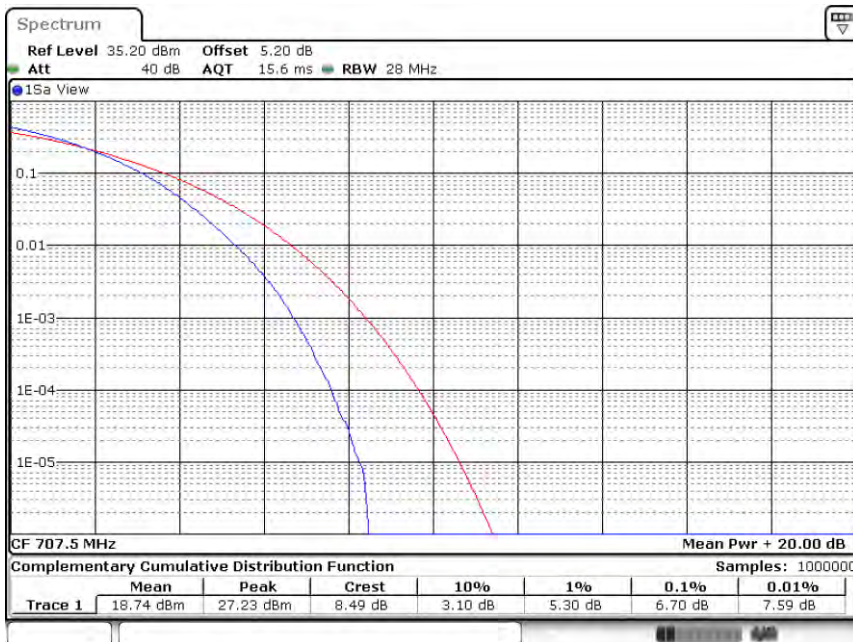
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Date: 8.MAY.2021 03:36:50

Band12-10MHz-256QAM-23095-50RB#0

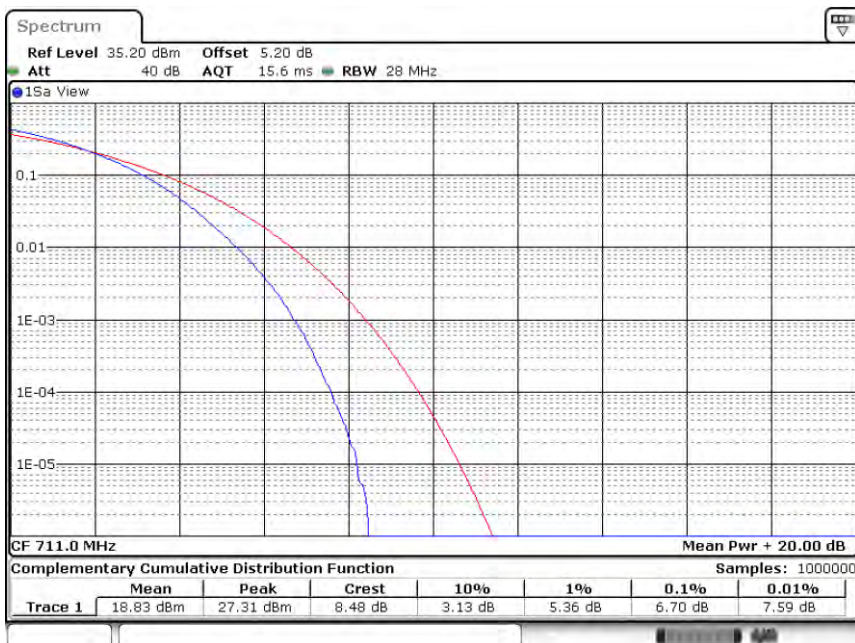


Date: 8.MAY.2021 03:37:02

Band12-10MHz-256QAM-23130-50RB#0

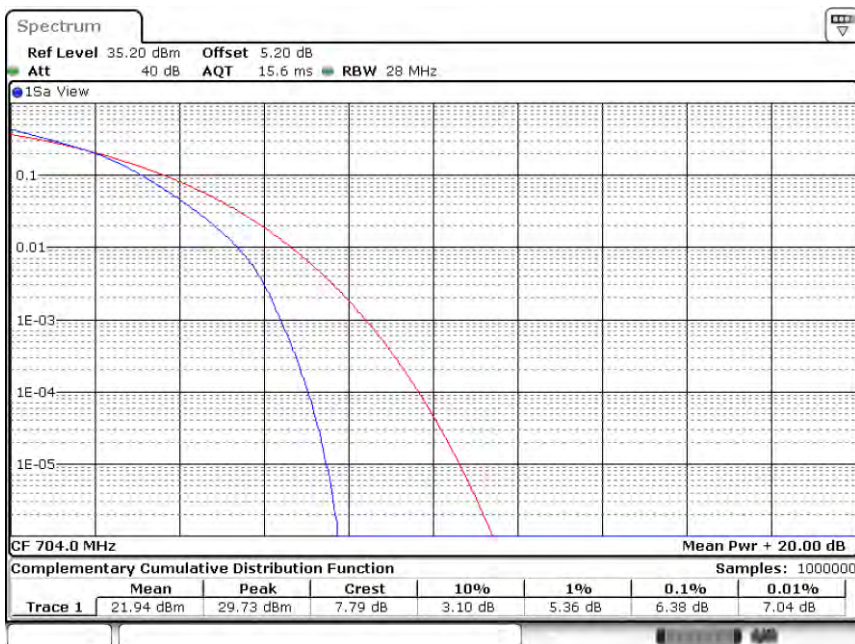


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Date: 8.MAY.2021 03:37:13

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

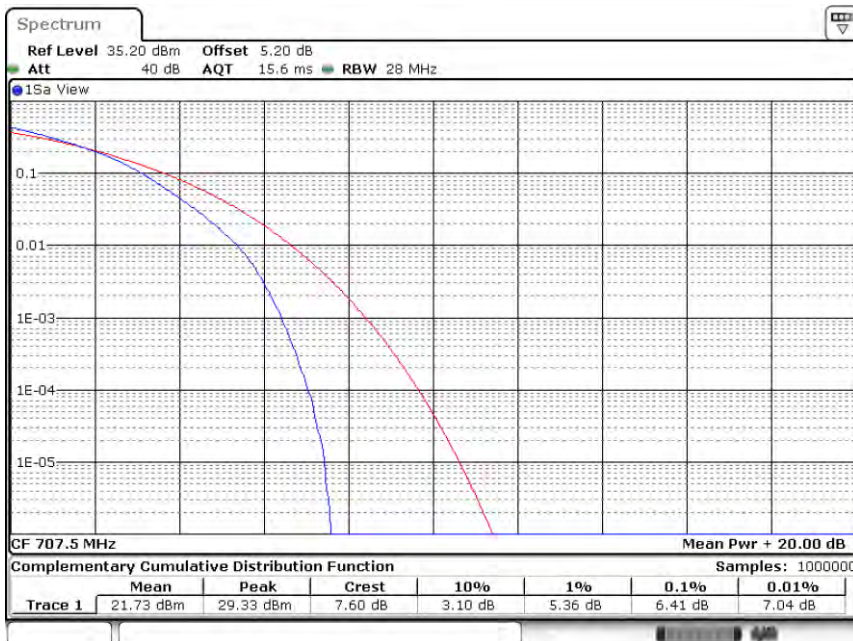


Date: 20.APR.2021 07:21:53

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

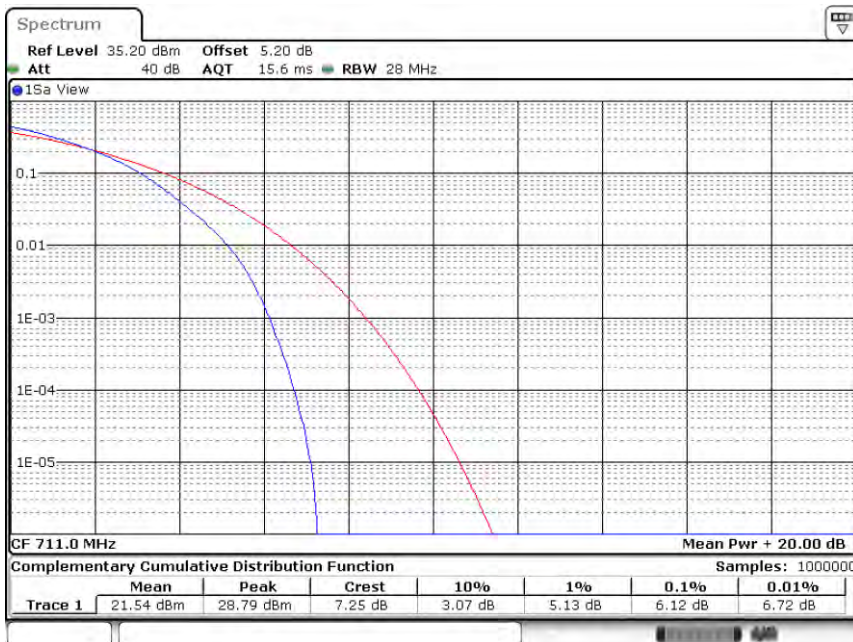


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Date: 20.APR.2021 07:22:15

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



Date: 20.APR.2021 07:22:38

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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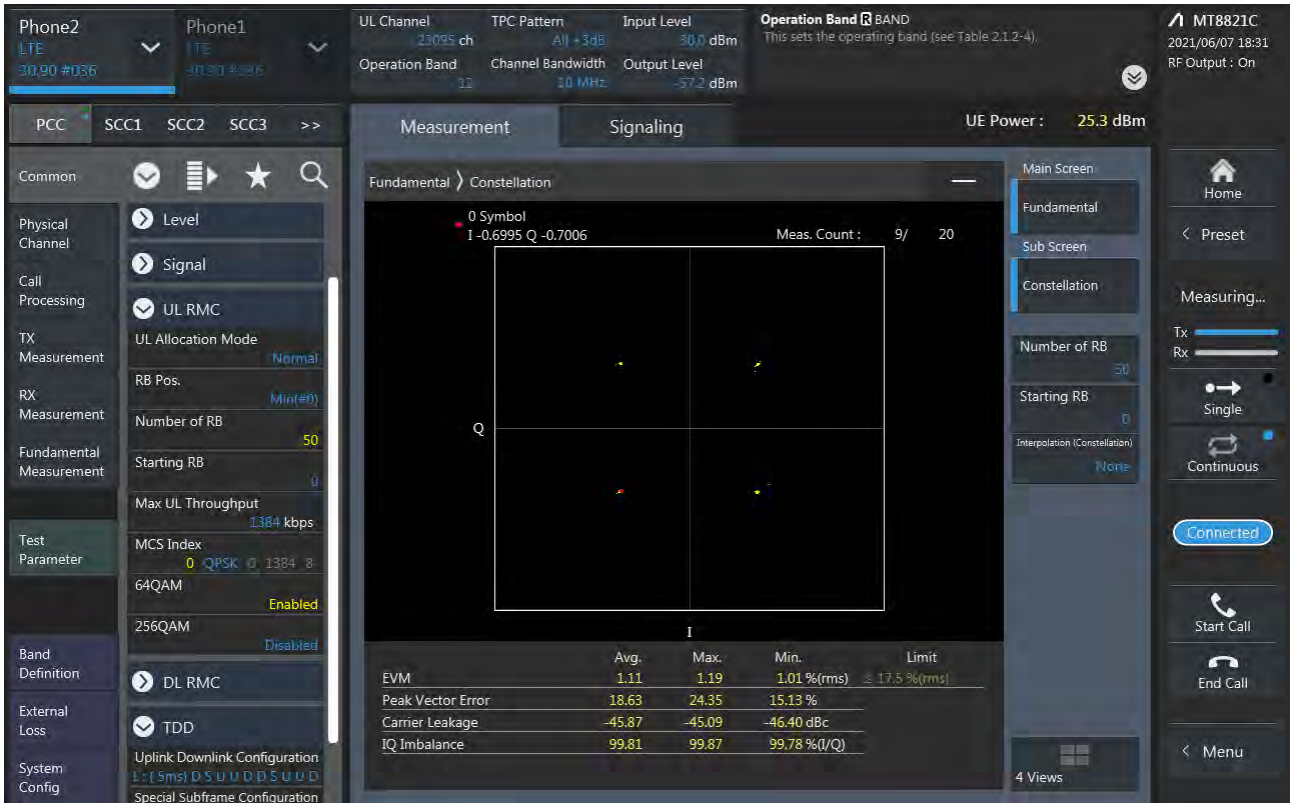
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



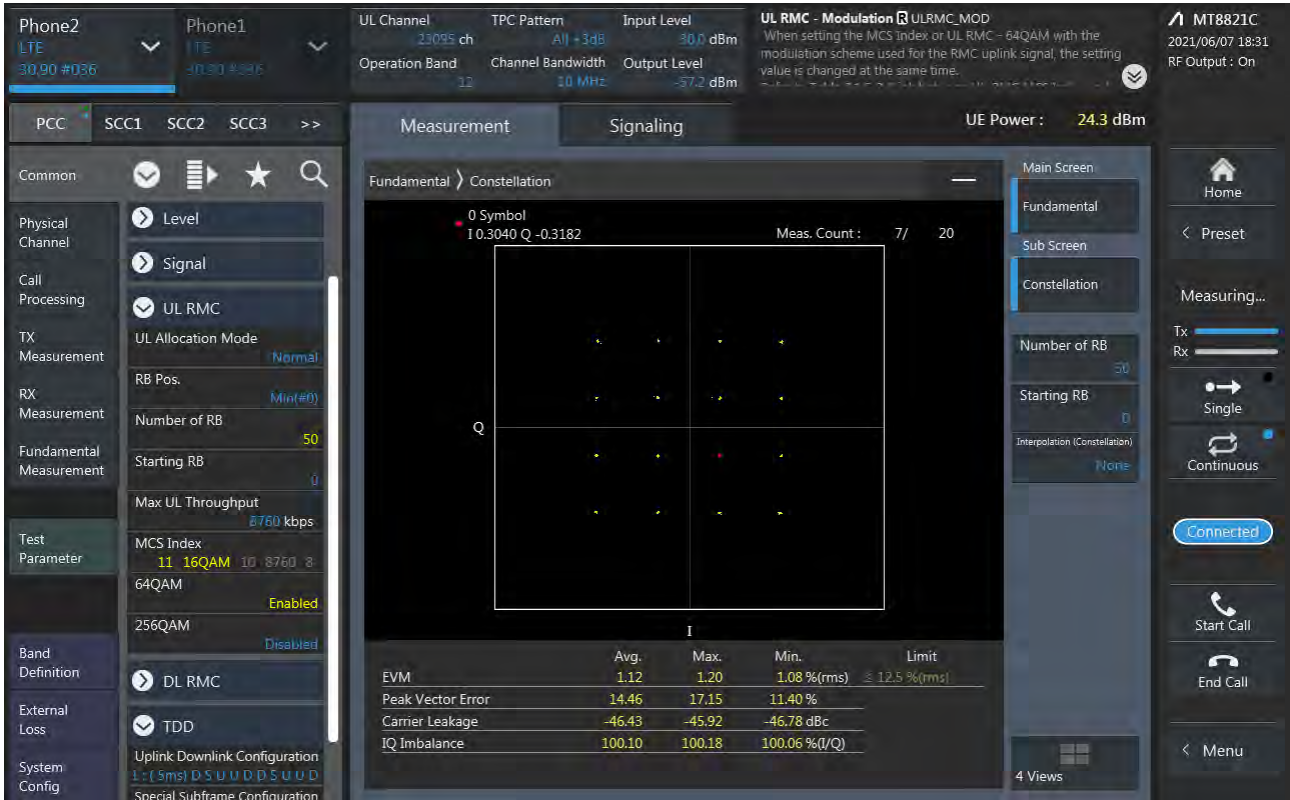
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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



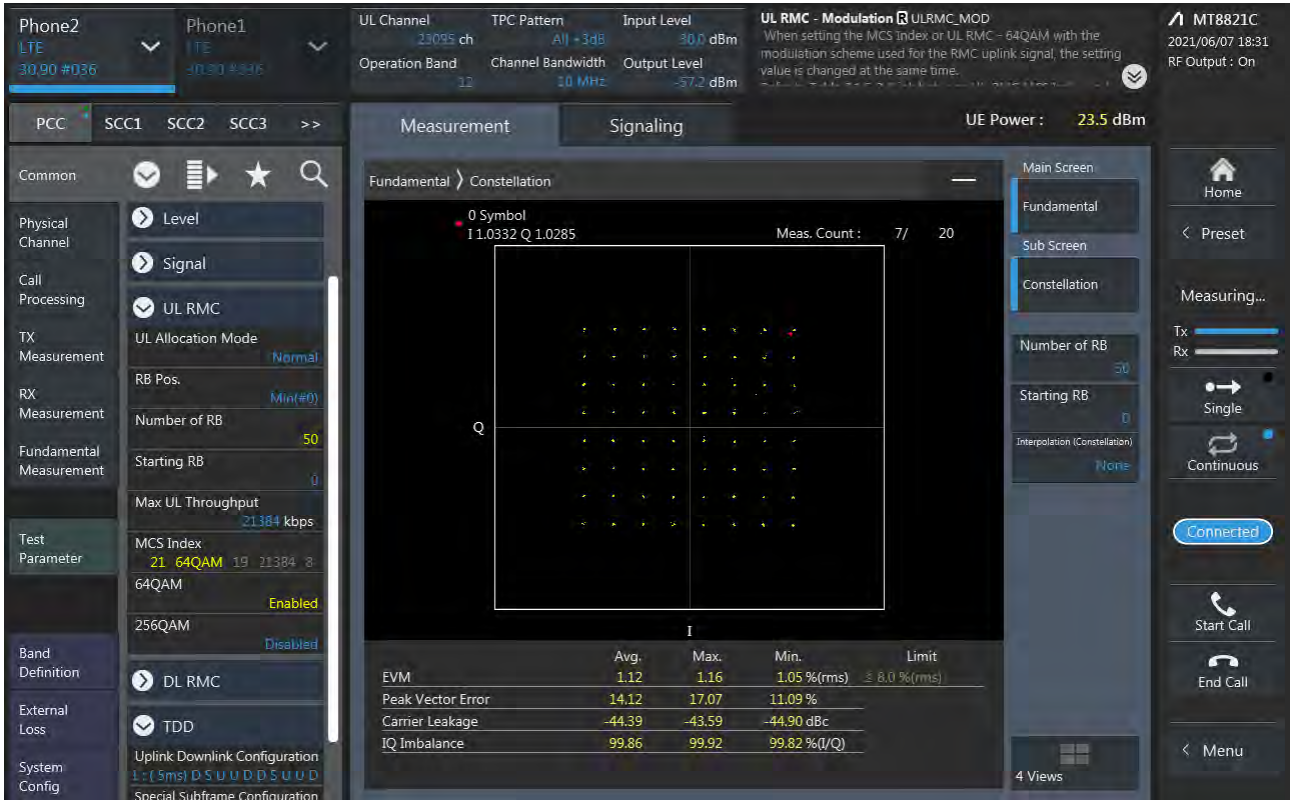
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3.3. Test Mode = LTE /TM3 10MHz

3.3.1. Test Channel = MCH



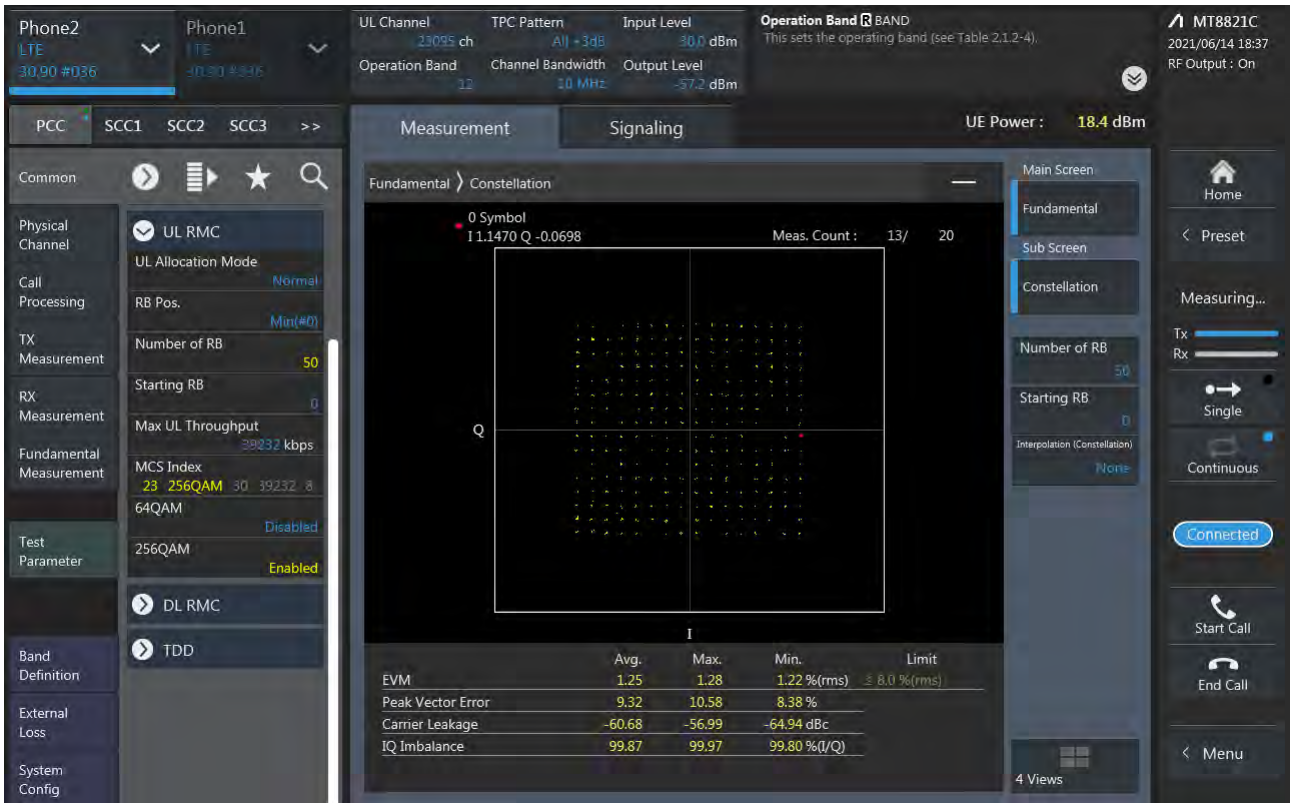
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3.4. Test Mode = LTE /TM4 10MHz

3.4.1. 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	1.088	1.236	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.236	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.088	1.239	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.094	1.239	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.094	1.242	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.091	1.248	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	1.091	1.239	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	1.088	1.233	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	1.091	1.236	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	1.088	1.233	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	3.012	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	3.012	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.703	2.988	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.685	2.988	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.691	3.000	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.691	2.982	PASS
Band12	3MHz	256QAM	23025	15RB#0	2.685	3.012	PASS
Band12	3MHz	256QAM	23095	15RB#0	2.691	3.000	PASS
Band12	3MHz	256QAM	23165	15RB#0	2.691	3.012	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.679	2.982	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.691	2.982	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.691	2.982	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	4.880	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.900	PASS



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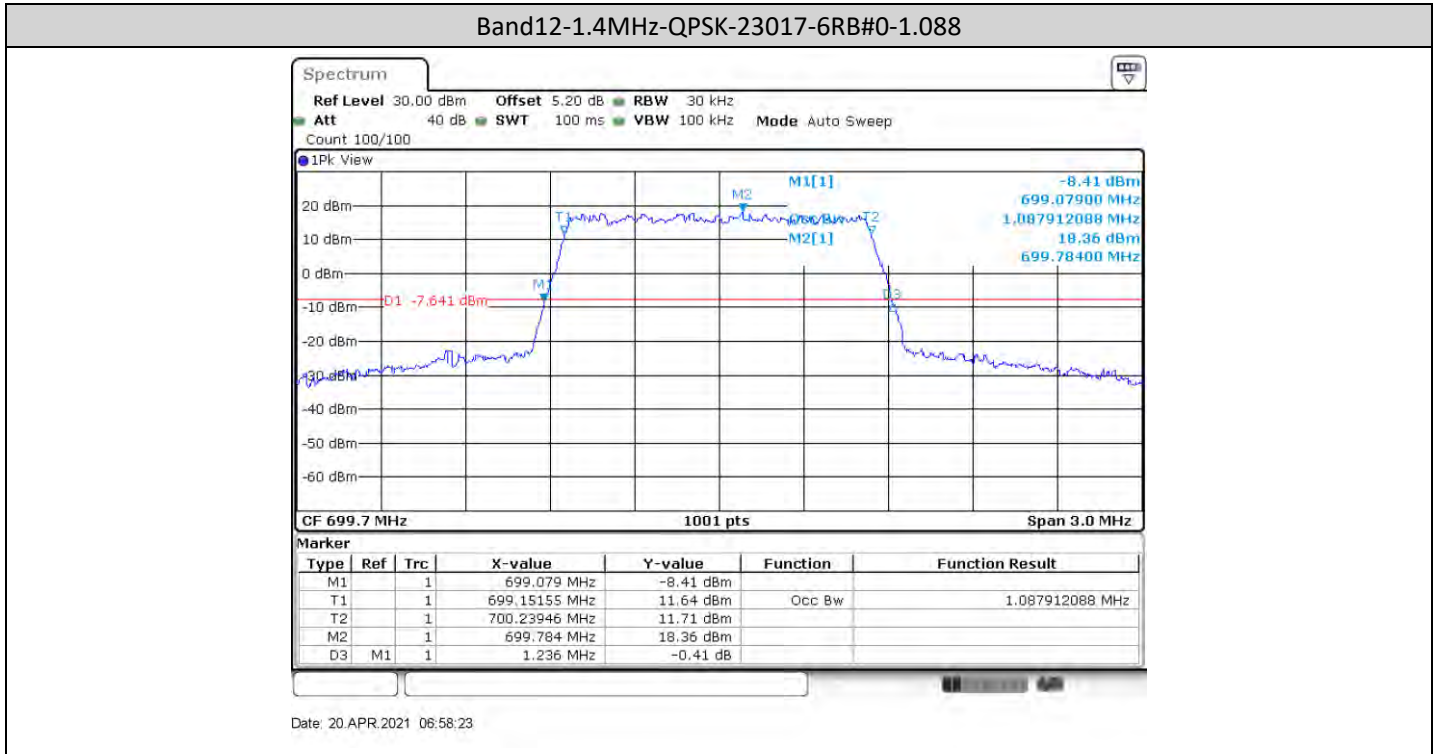
Band12	5MHz	QPSK	23155	25RB#0	4.466	4.870	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.476	4.880	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.890	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.456	4.850	PASS
Band12	5MHz	256QAM	23035	25RB#0	4.466	4.910	PASS
Band12	5MHz	256QAM	23095	25RB#0	4.476	4.900	PASS
Band12	5MHz	256QAM	23155	25RB#0	4.476	4.900	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.900	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.486	4.900	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.476	4.860	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.951	9.680	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.951	9.720	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.871	9.580	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.931	9.660	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.931	9.660	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.891	9.520	PASS
Band12	10MHz	256QAM	23060	50RB#0	8.911	9.580	PASS
Band12	10MHz	256QAM	23095	50RB#0	8.931	9.640	PASS
Band12	10MHz	256QAM	23130	50RB#0	8.931	9.660	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.951	9.640	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.951	9.720	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.891	9.600	PASS



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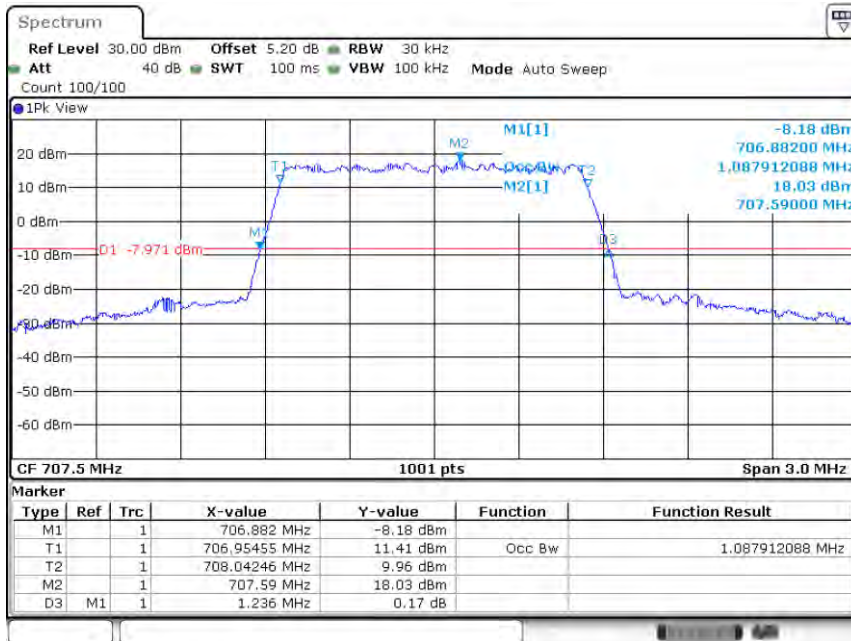
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.2. Test Plots



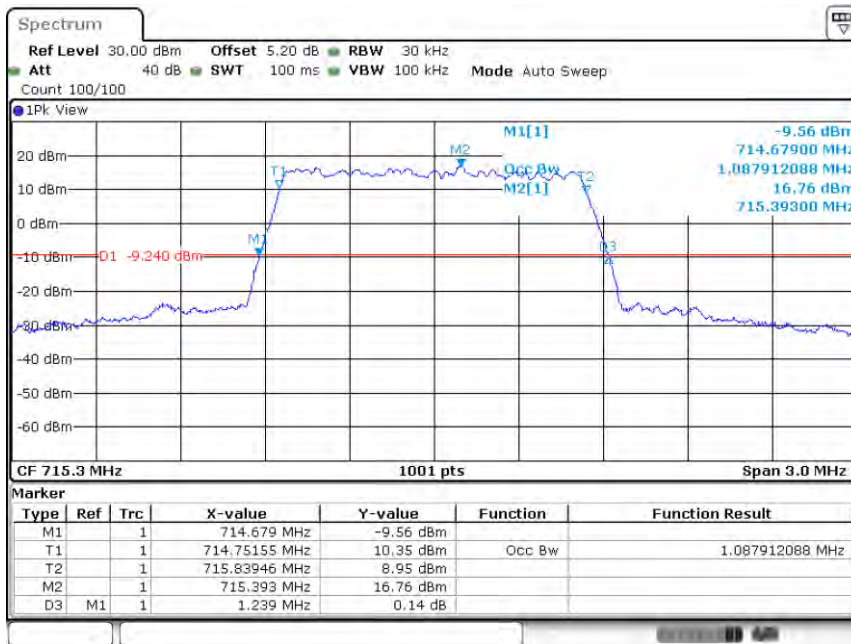
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Band12-1.4MHz-QPSK-23095-6RB#0-1.088



Date: 20.APR.2021 06:59:02

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

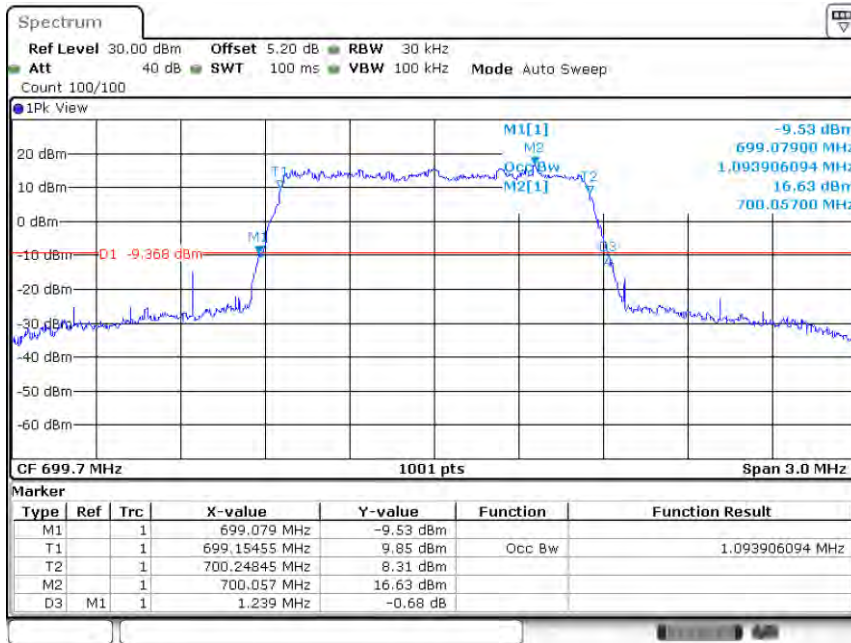


Date: 20.APR.2021 06:59:42



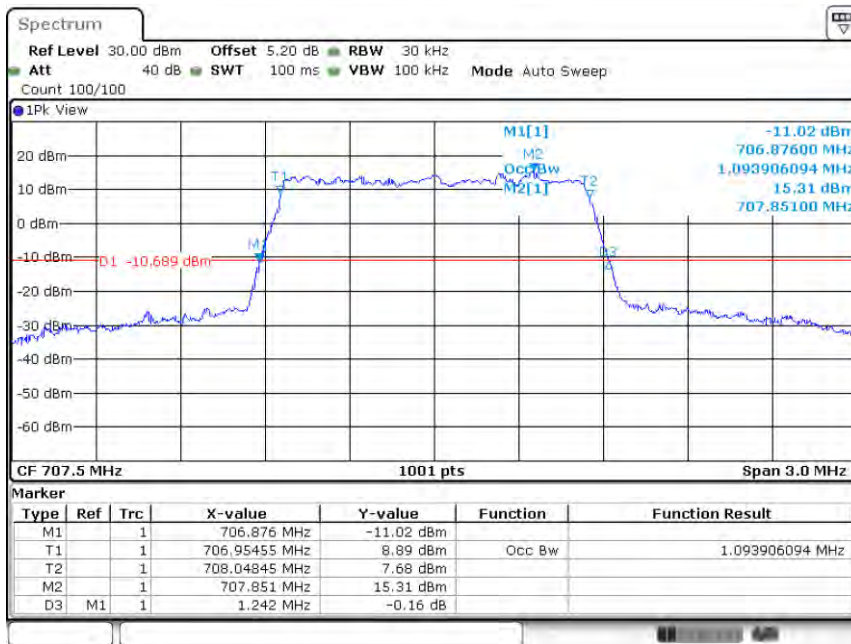
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Band12-1.4MHz-64QAM-23017-6RB#0-1.094



Date: 20.APR.2021 13:14:30

Band12-1.4MHz-64QAM-23095-6RB#0-1.094

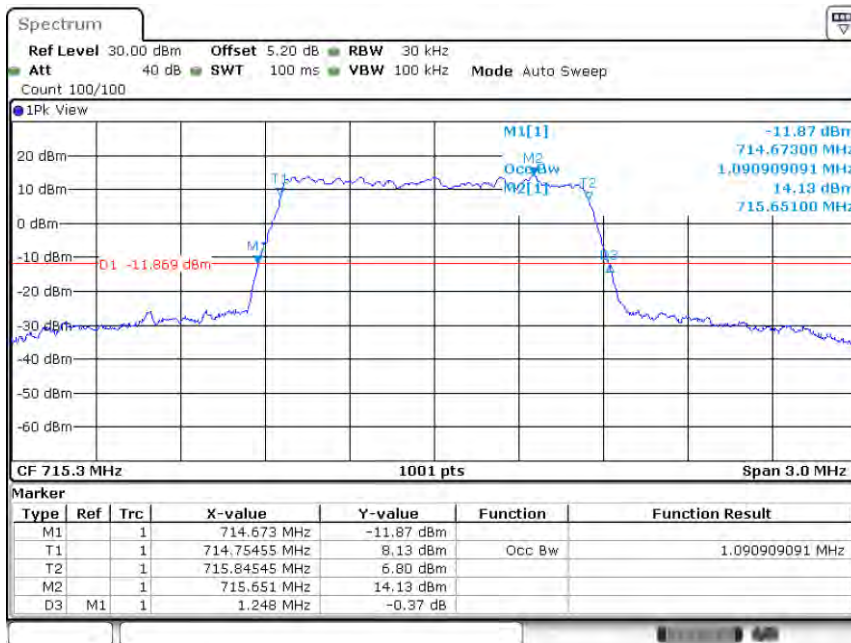


Date: 20.APR.2021 13:14:50



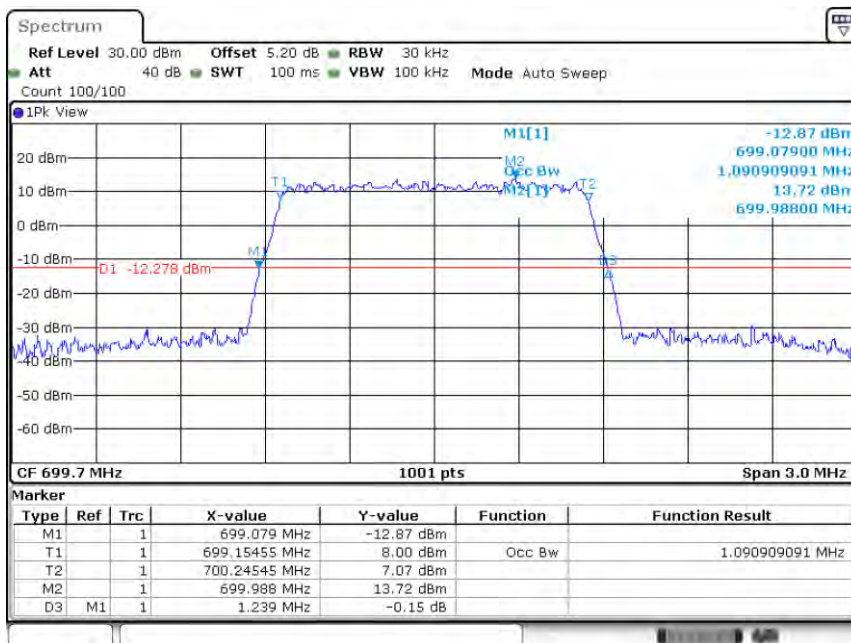
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Band12-1.4MHz-64QAM-23173-6RB#0-1.091



Date: 20.APR.2021 13:15:10

Band12-1.4MHz-256QAM-23017-6RB#0-1.091

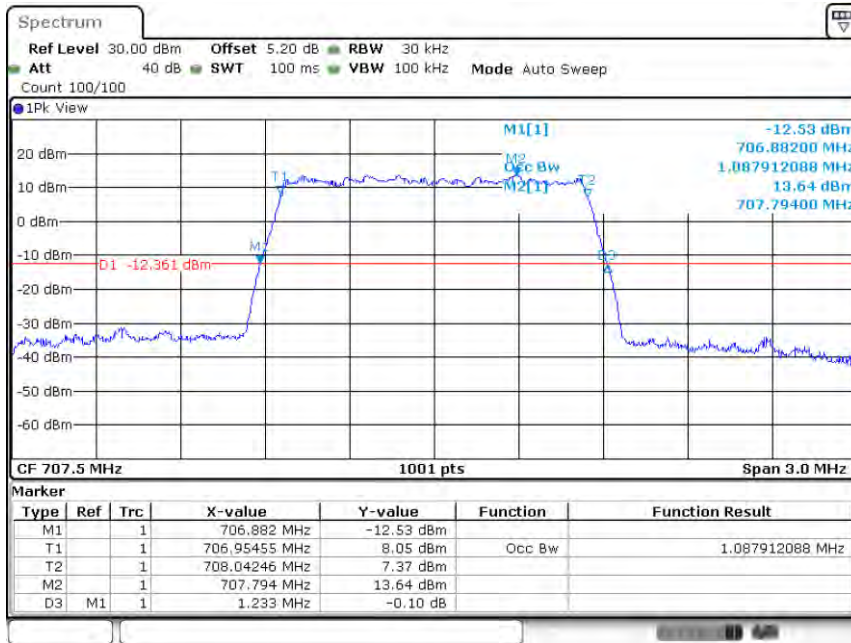


Date: 8.MAY.2021 03:32:37



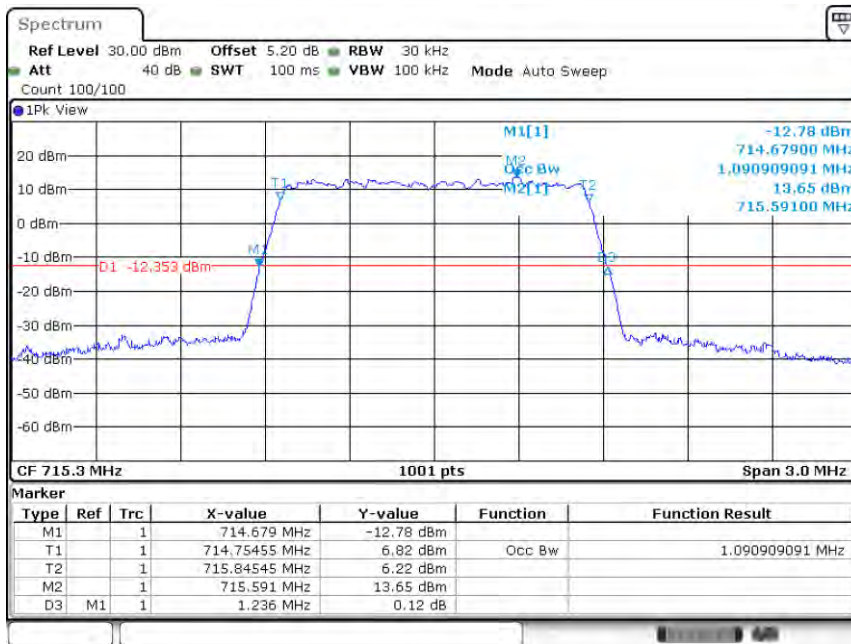
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Band12-1.4MHz-256QAM-23095-6RB#0-1.088



Date: 8.MAY.2021 03:32:57

Band12-1.4MHz-256QAM-23173-6RB#0-1.091



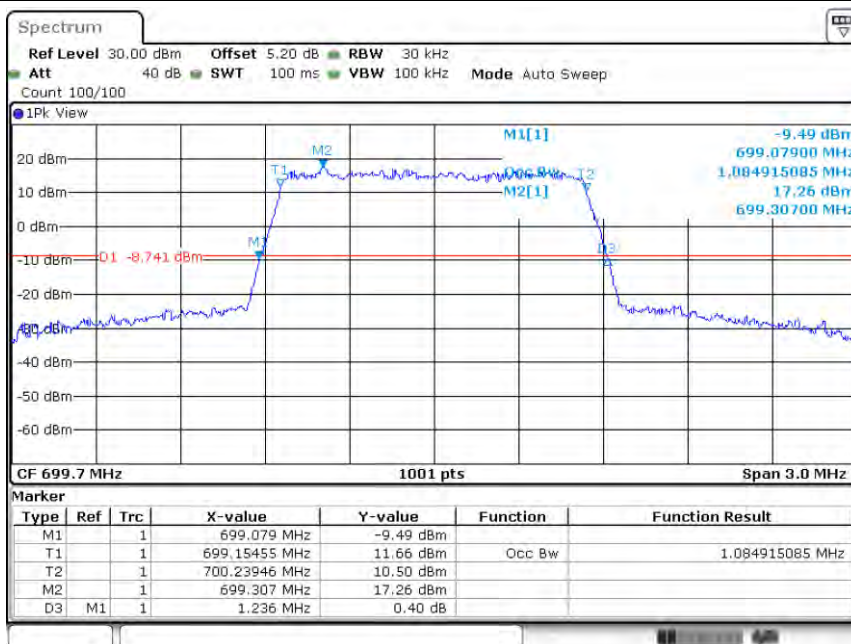
Date: 8.MAY.2021 03:33:17



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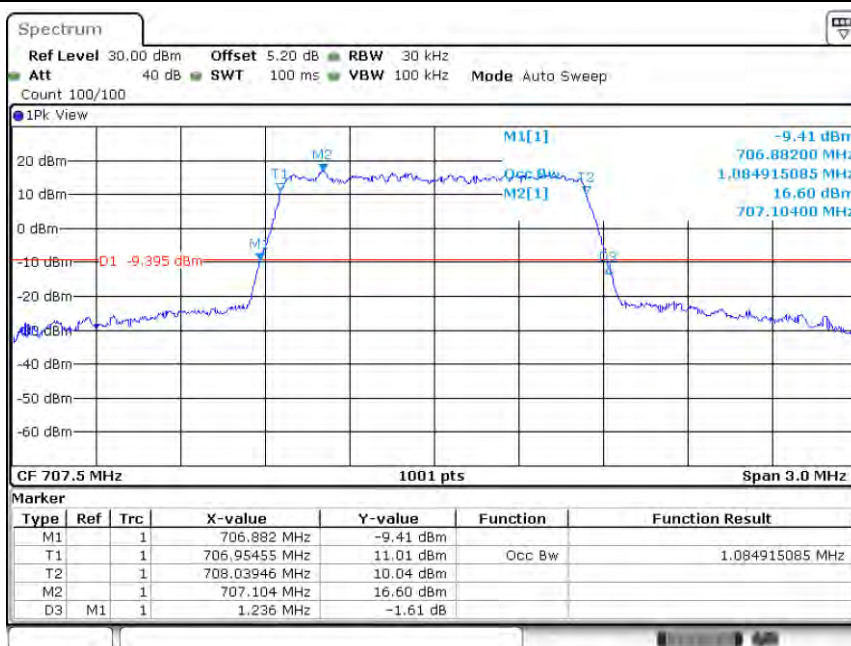


Band12-1.4MHz-16QAM-23017-6RB#0-1.085



Date: 20.APR.2021 06:58:42

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

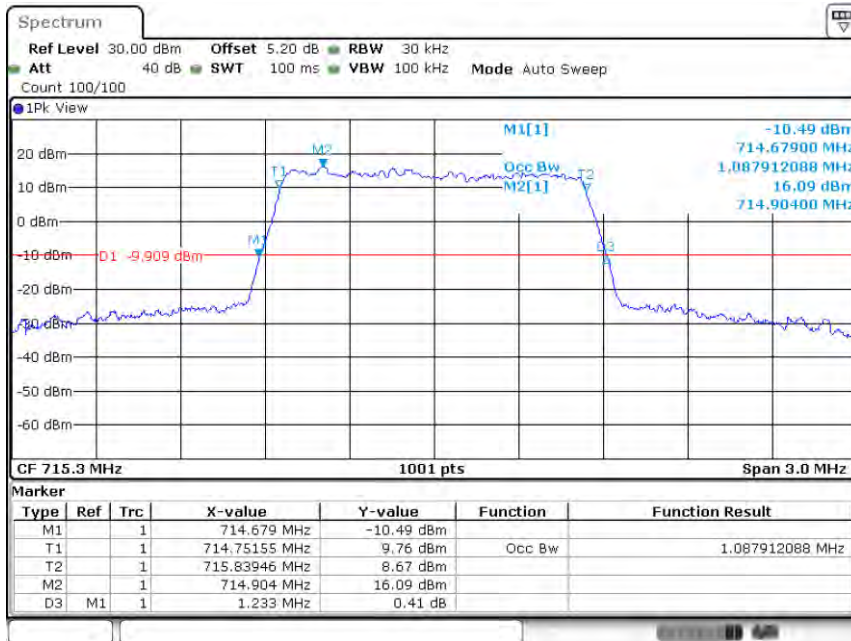


Date: 20.APR.2021 06:59:22



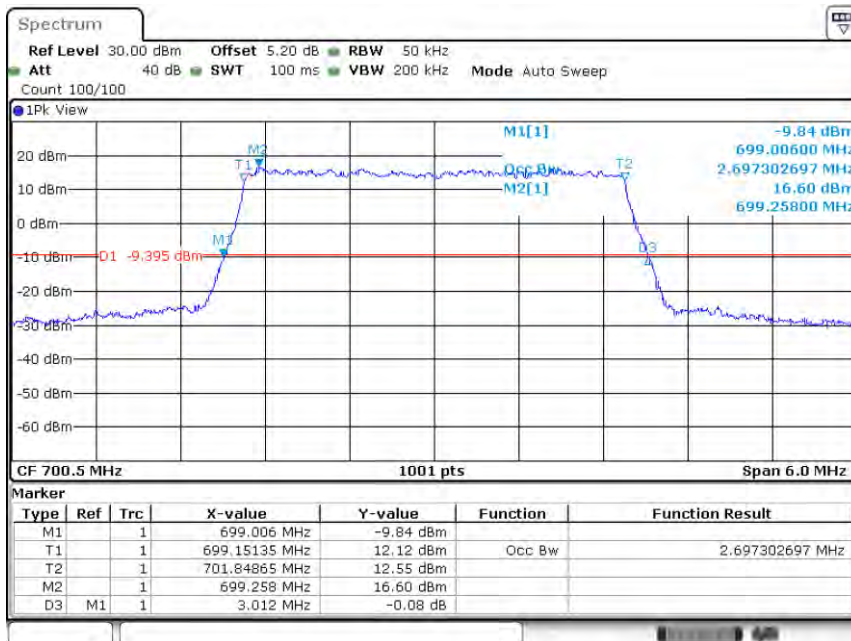
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Band12-1.4MHz-16QAM-23173-6RB#0-1.088



Date: 20.APR.2021 07:00:02

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



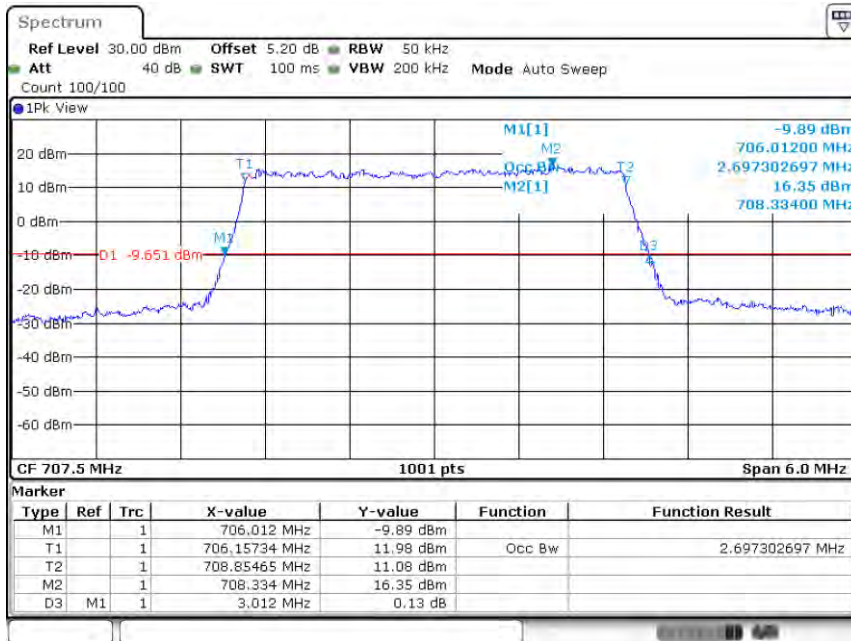
Date: 20.APR.2021 07:00:26



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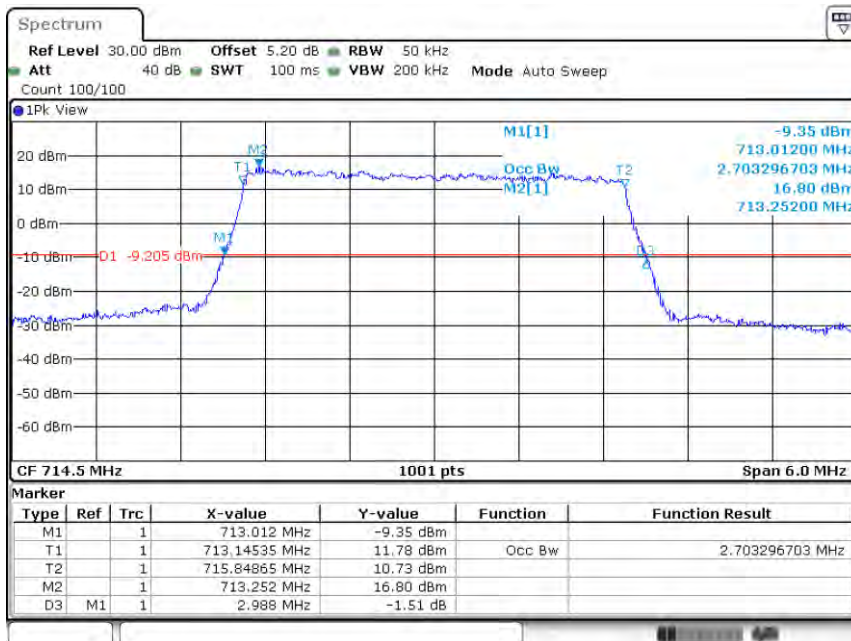


Band12-3MHz-QPSK-23095-15RB#0-2.697



Date: 20.APR.2021 07:01:06

Band12-3MHz-QPSK-23165-15RB#0-2.703



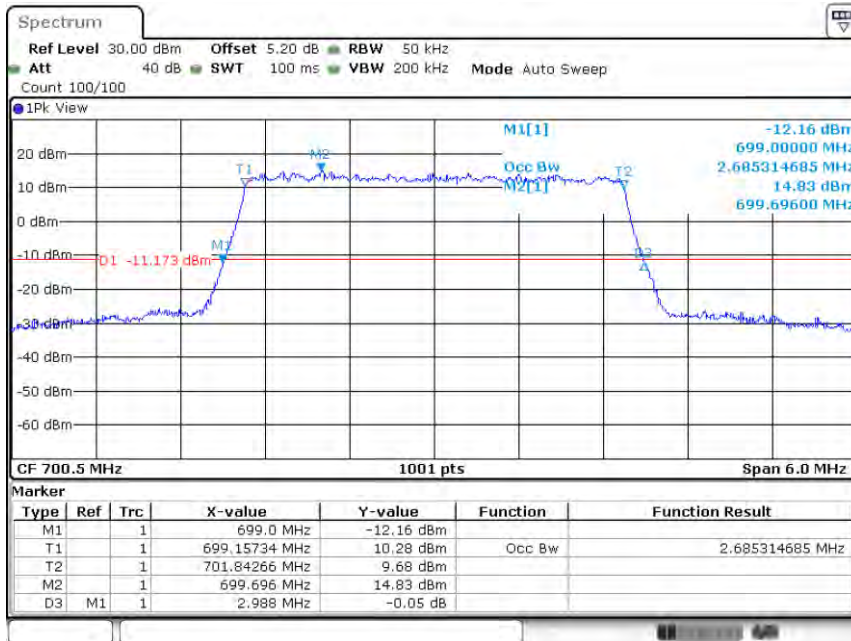
Date: 20.APR.2021 07:01:47



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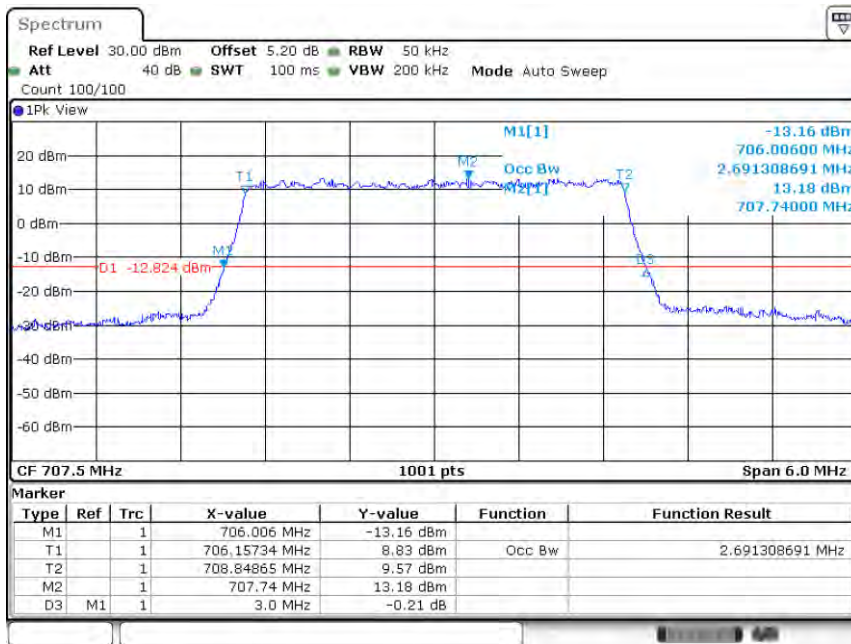


Band12-3MHz-64QAM-23025-15RB#0-2.685



Date: 20 APR 2021 13:15:35

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

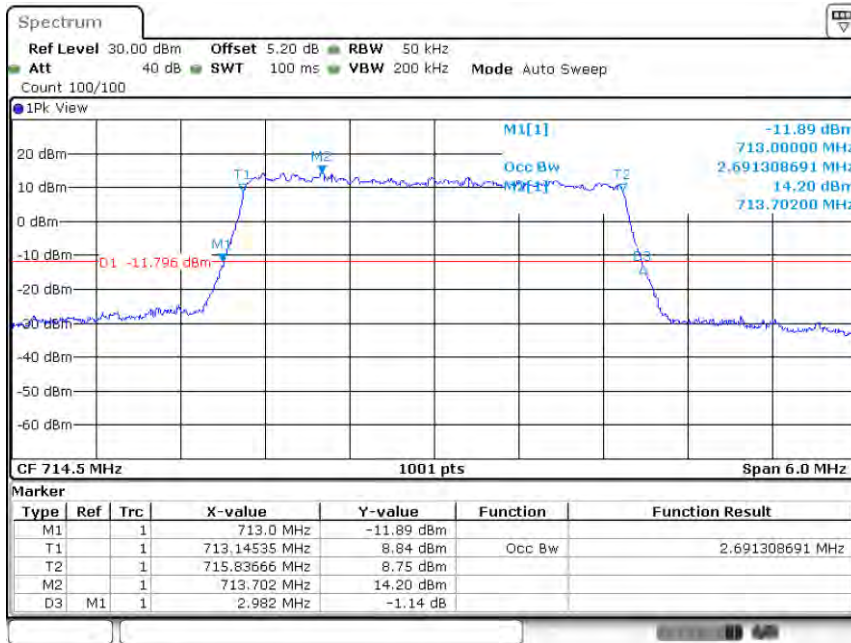


Date: 20 APR 2021 13:15:55

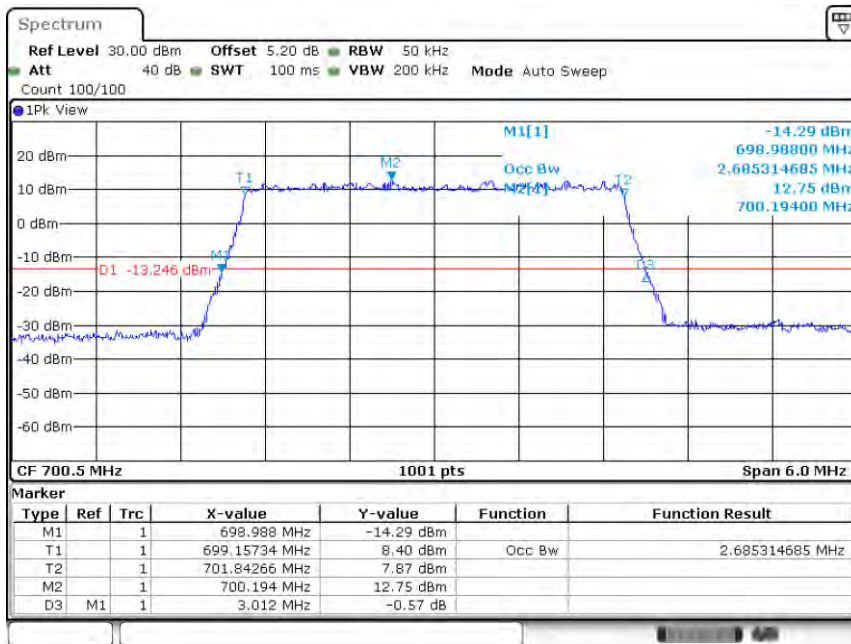


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Band12-3MHz-64QAM-23165-15RB#0-2.691

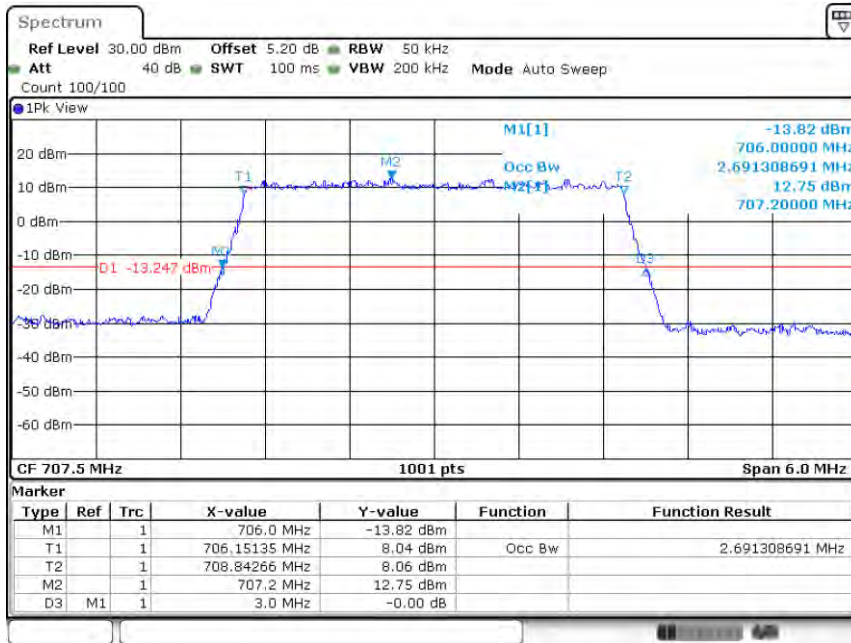


Band12-3MHz-256QAM-23025-15RB#0-2.685



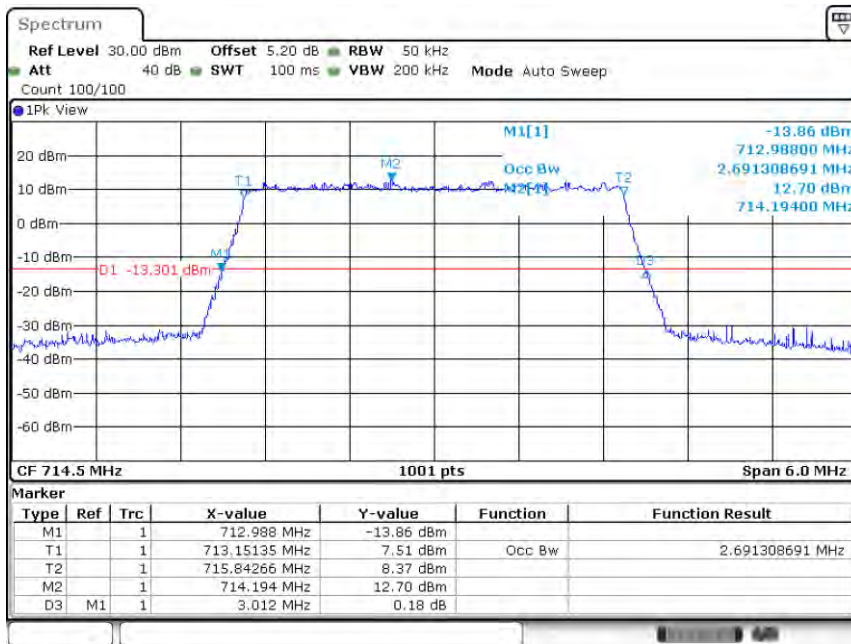
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Band12-3MHz-256QAM-23095-15RB#0-2.691



Date: 8.MAY.2021 03:34:03

Band12-3MHz-256QAM-23165-15RB#0-2.691

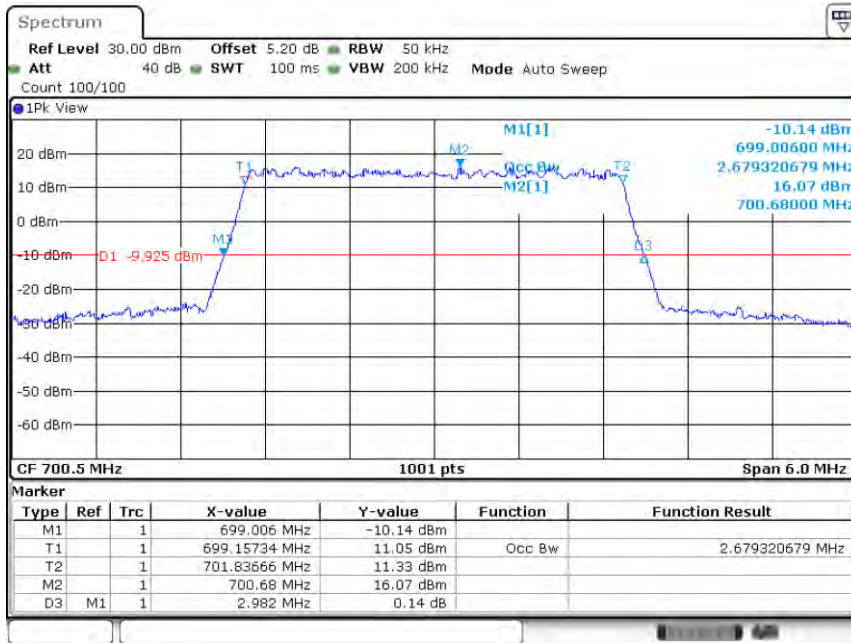


Date: 8.MAY.2021 03:34:23



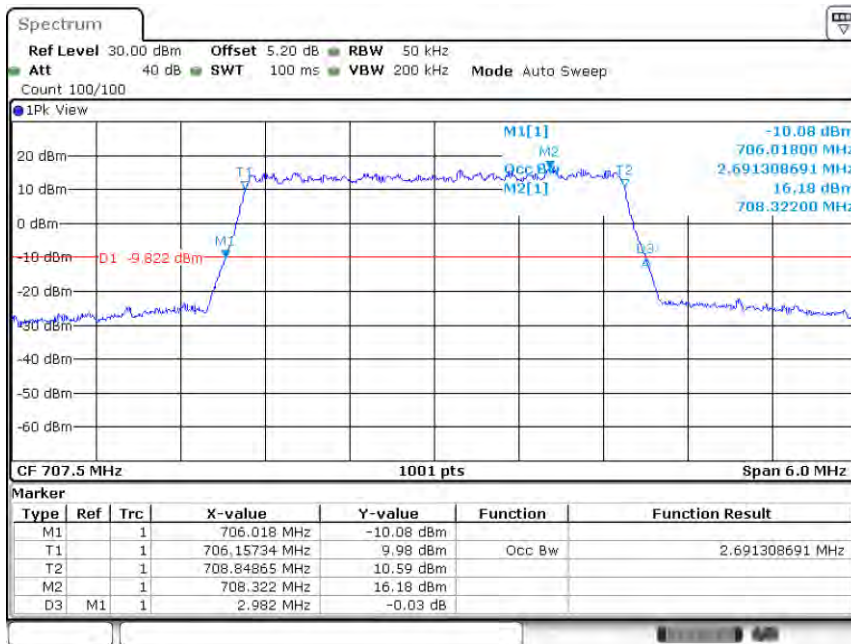
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Band12-3MHz-16QAM-23025-15RB#0-2.679



Date: 20.APR.2021 07:00:46

Band12-3MHz-16QAM-23095-15RB#0-2.691



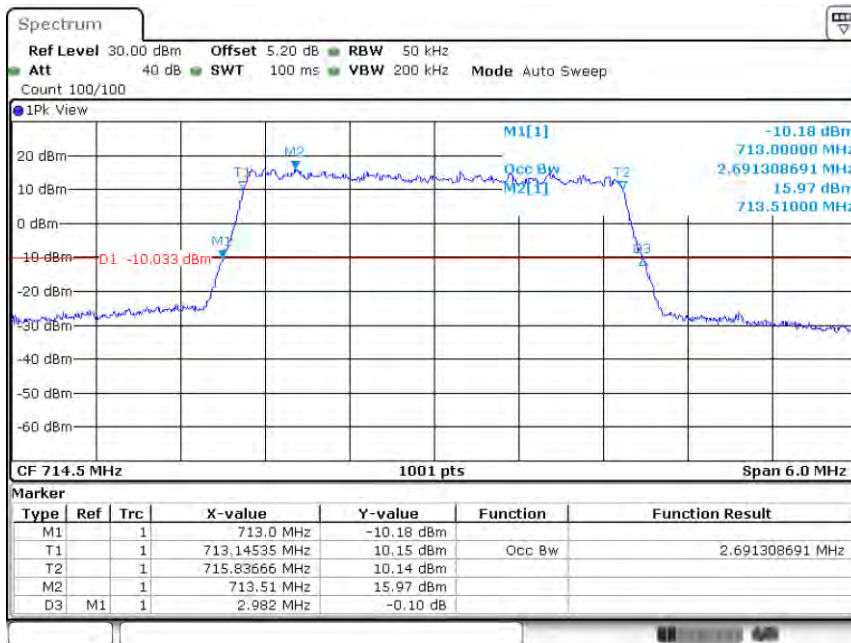
Date: 20.APR.2021 07:01:27



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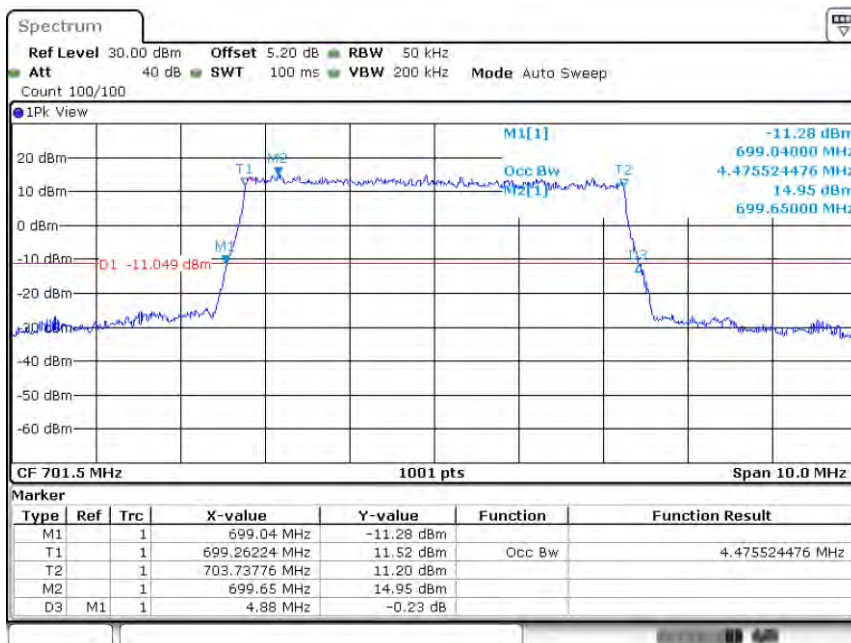


Band12-3MHz-16QAM-23165-15RB#0-2.691



Date: 20.APR.2021 07:02:06

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

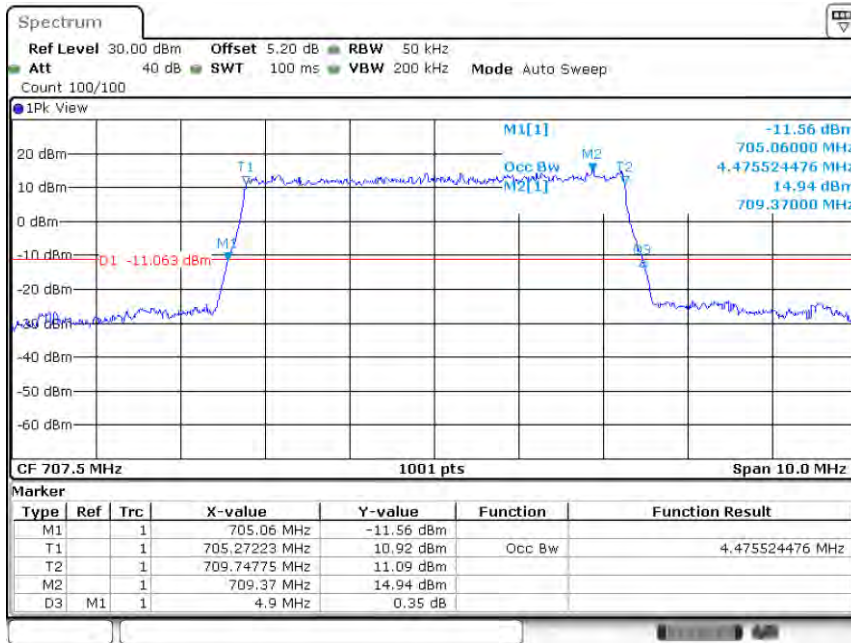


Date: 20.APR.2021 07:02:31



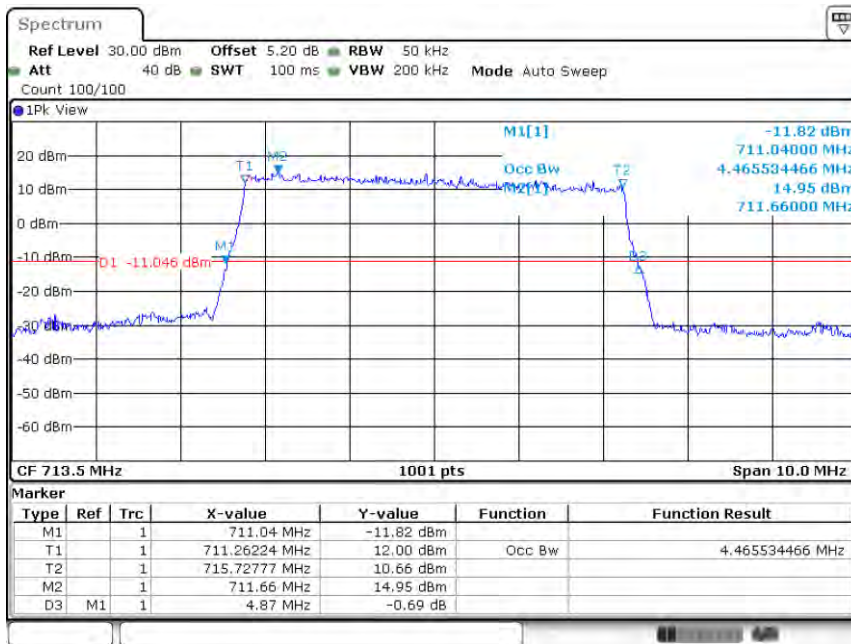
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Band12-5MHz-QPSK-23095-25RB#0-4.476



Date: 20.APR.2021 07:03:11

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



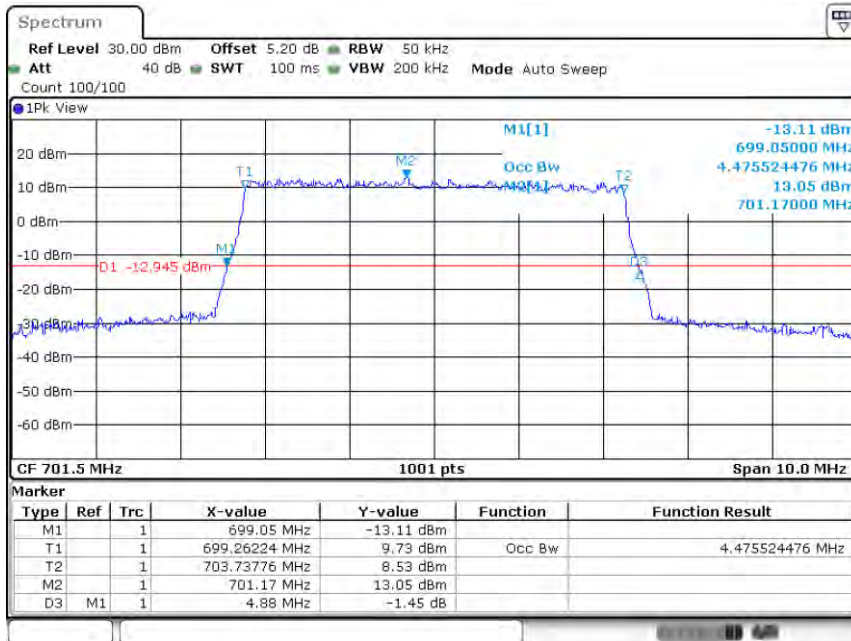
Date: 20.APR.2021 07:03:51



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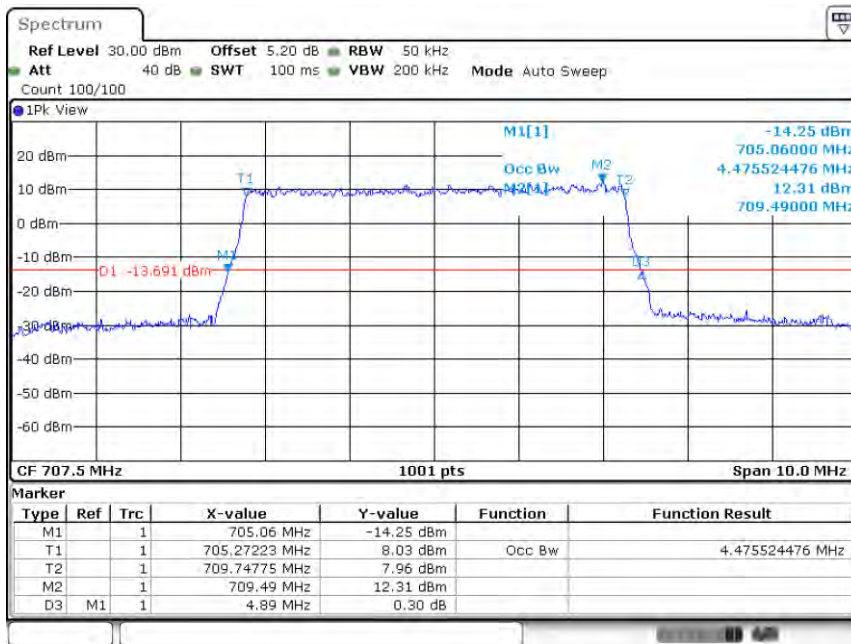


Band12-5MHz-64QAM-23035-25RB#0-4.476



Date: 20.APR.2021 13:16:40

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



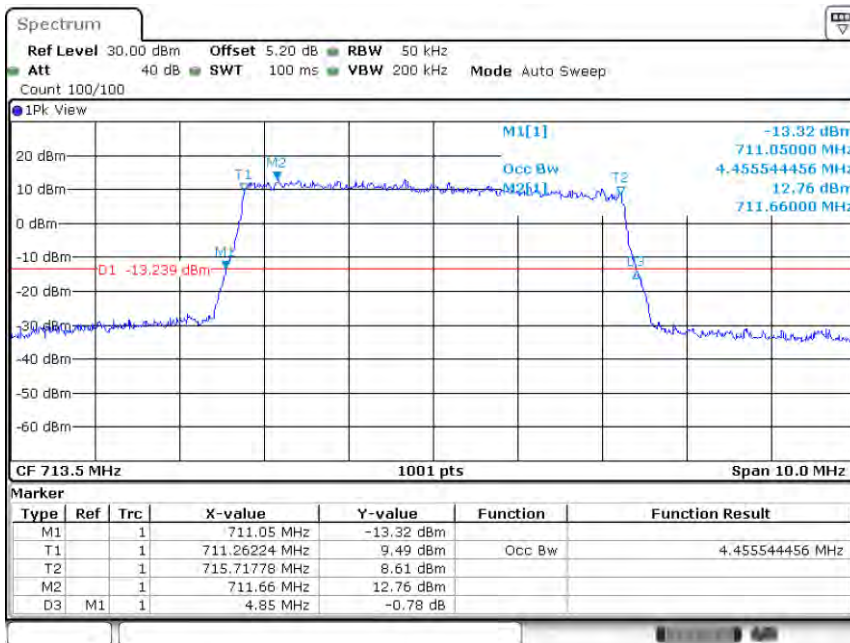
Date: 20.APR.2021 13:17:00



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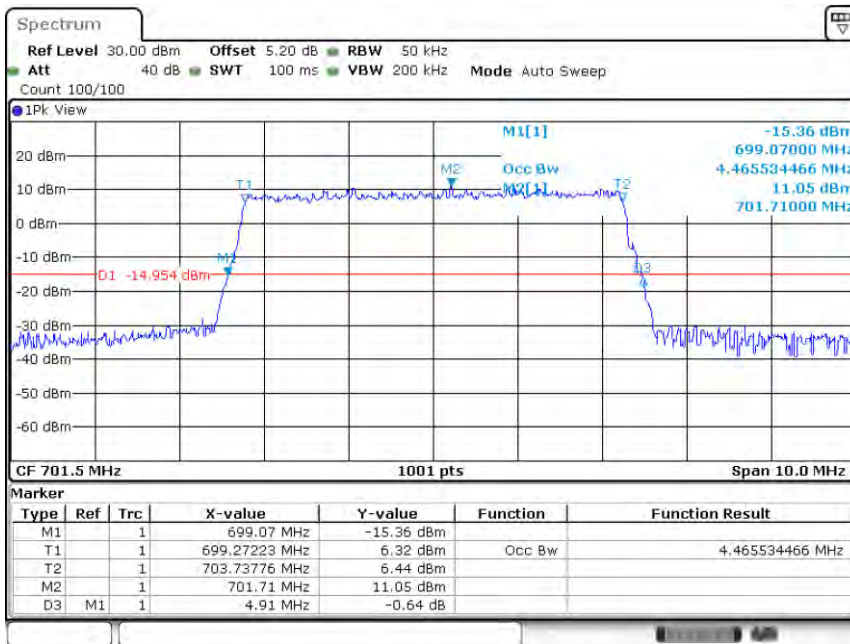


Band12-5MHz-64QAM-23155-25RB#0-4.456



Date: 20.APR.2021 13:17:20

Band12-5MHz-256QAM-23035-25RB#0-4.466

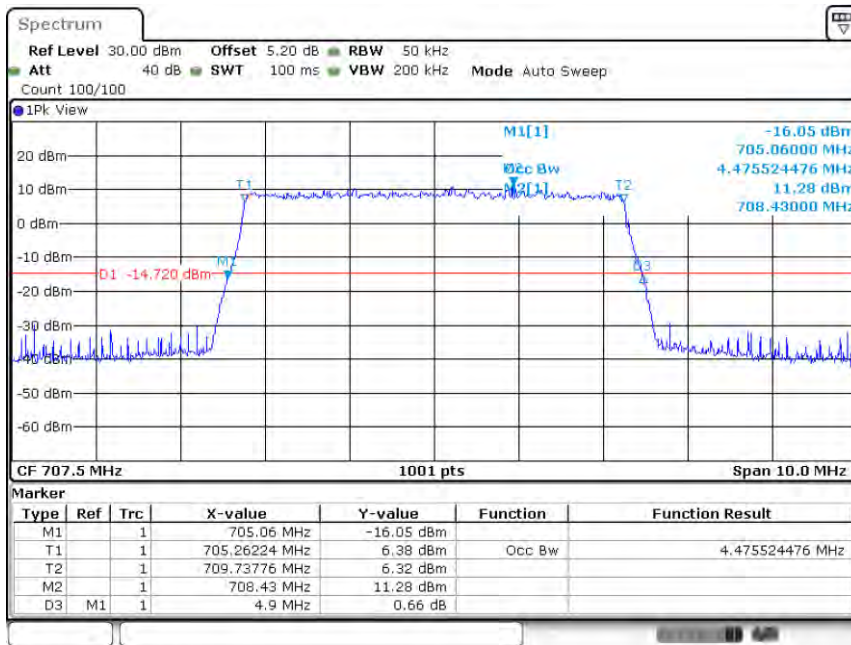


Date: 8.MAY.2021 03:34:49



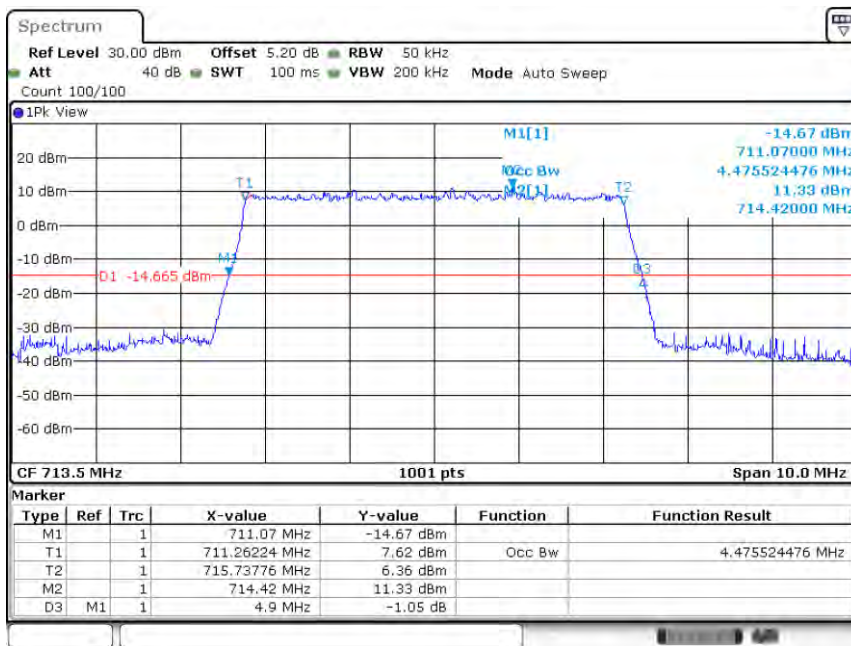
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Band12-5MHz-256QAM-23095-25RB#0-4.476



Date: 8.MAY.2021 03:35:09

Band12-5MHz-256QAM-23155-25RB#0-4.476

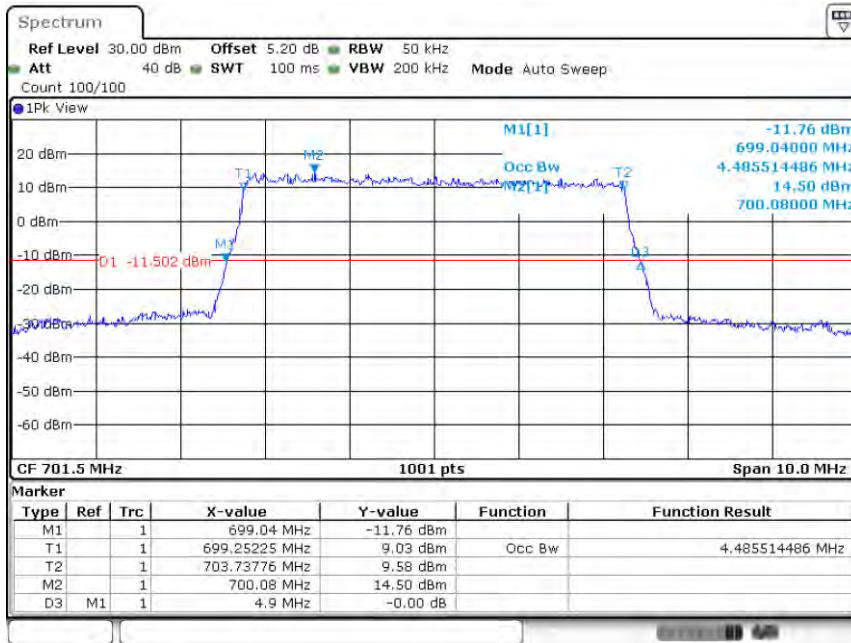


Date: 8.MAY.2021 03:35:29



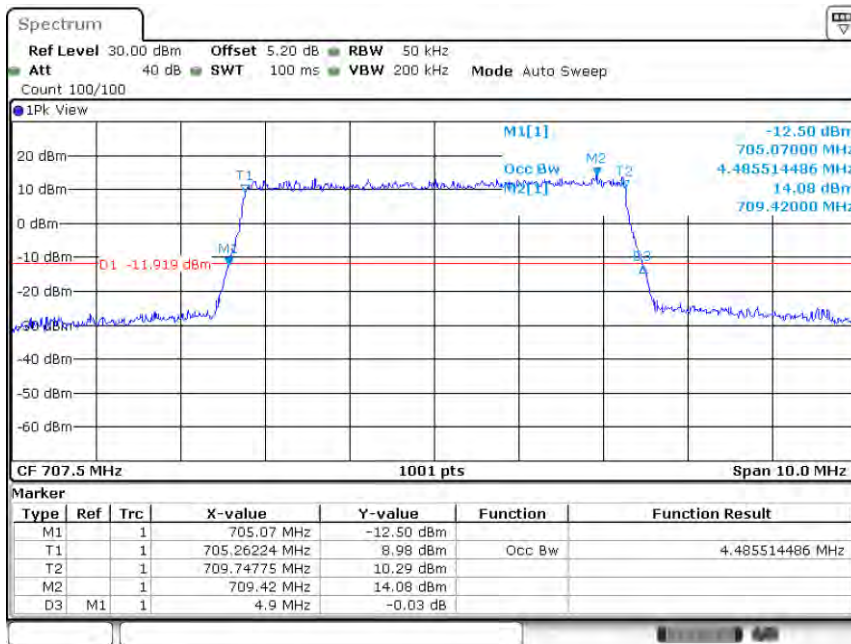
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Band12-5MHz-16QAM-23035-25RB#0-4.486



Date: 20 APR 2021 07:02:51

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

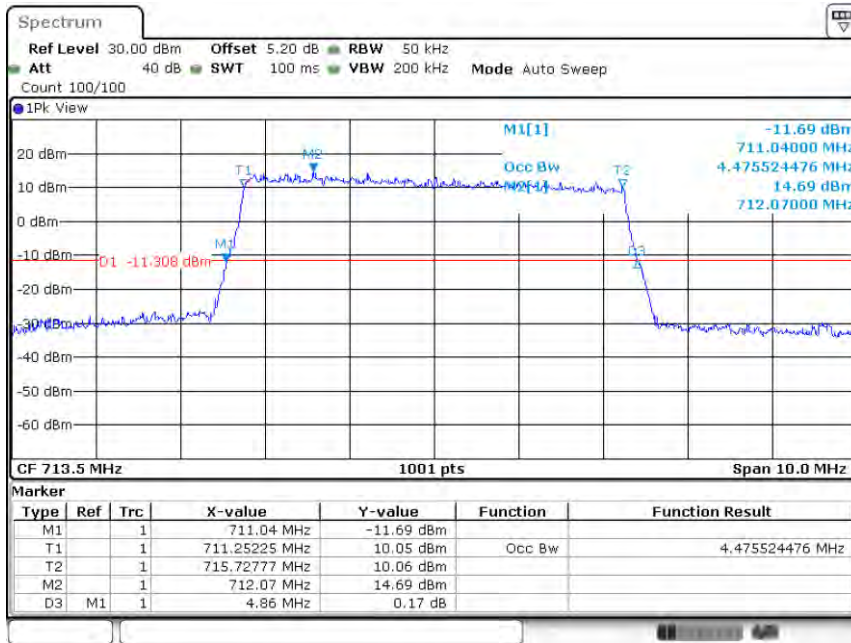


Date: 20 APR 2021 07:03:31



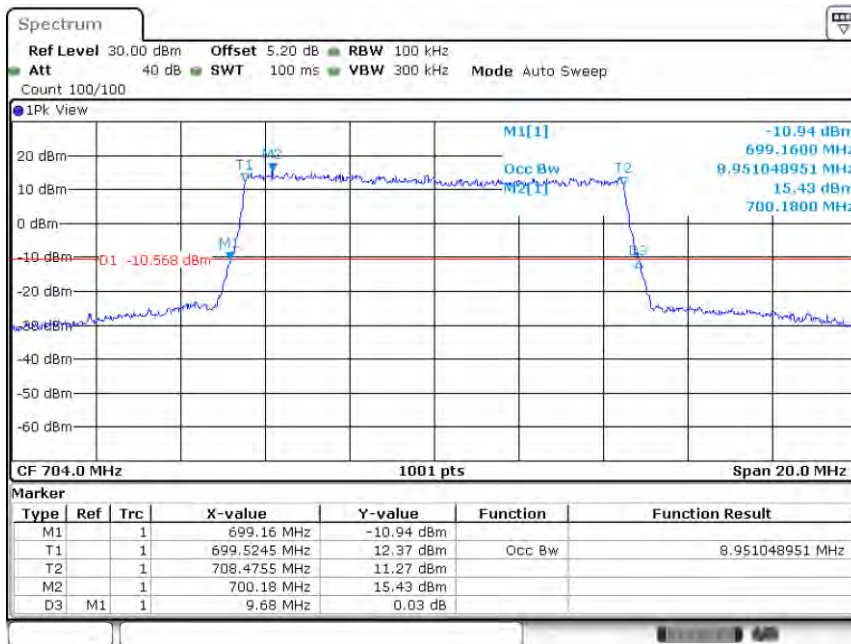
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Band12-5MHz-16QAM-23155-25RB#0-4.476



Date: 20.APR.2021 07:04:10

Band12-10MHz-QPSK-23060-50RB#0-8.951

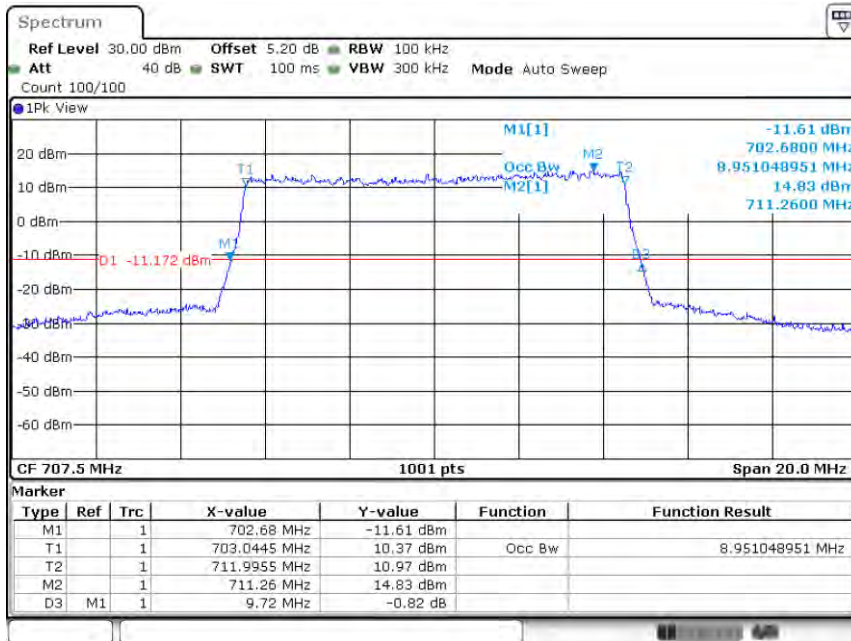


Date: 20.APR.2021 07:04:35



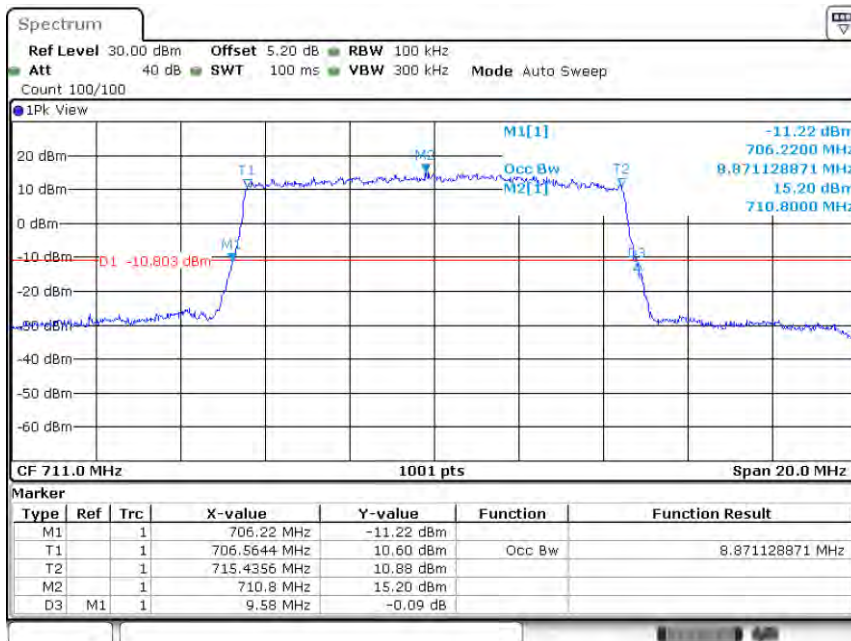
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Band12-10MHz-QPSK-23095-50RB#0-8.951



Date: 20.APR.2021 07:05:15

Band12-10MHz-QPSK-23130-50RB#0-8.871

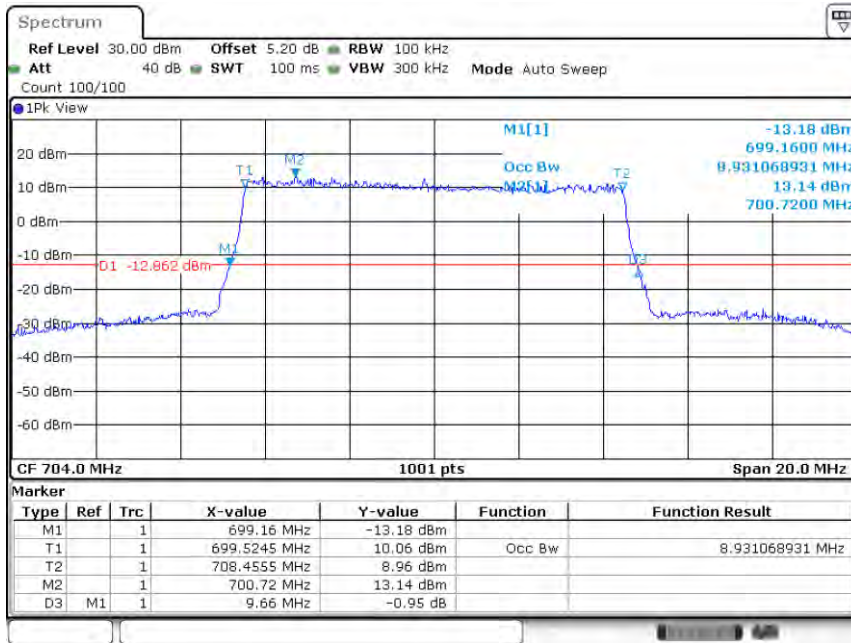


Date: 20.APR.2021 07:05:54



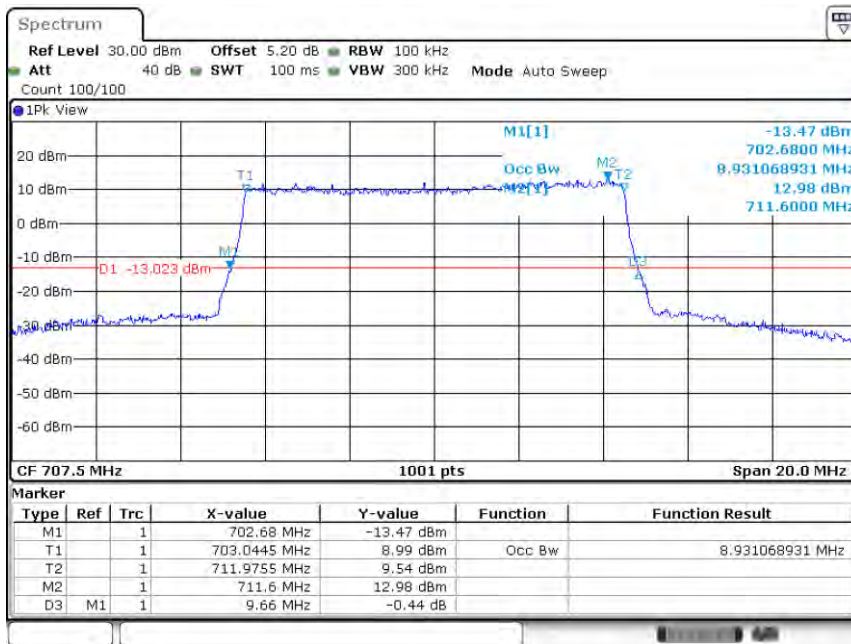
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Band12-10MHz-64QAM-23060-50RB#0-8.931



Date: 20.APR.2021 13:17:45

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

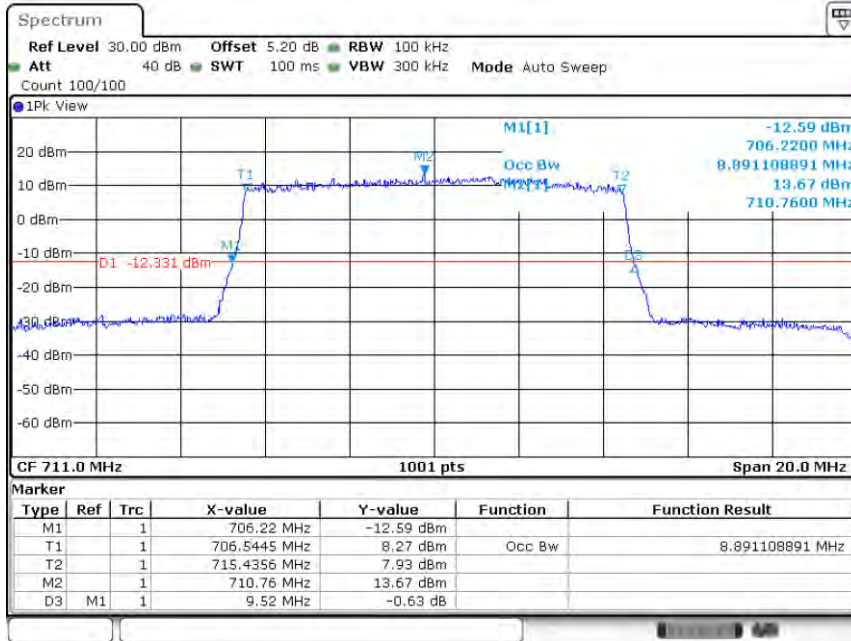


Date: 20.APR.2021 13:18:05



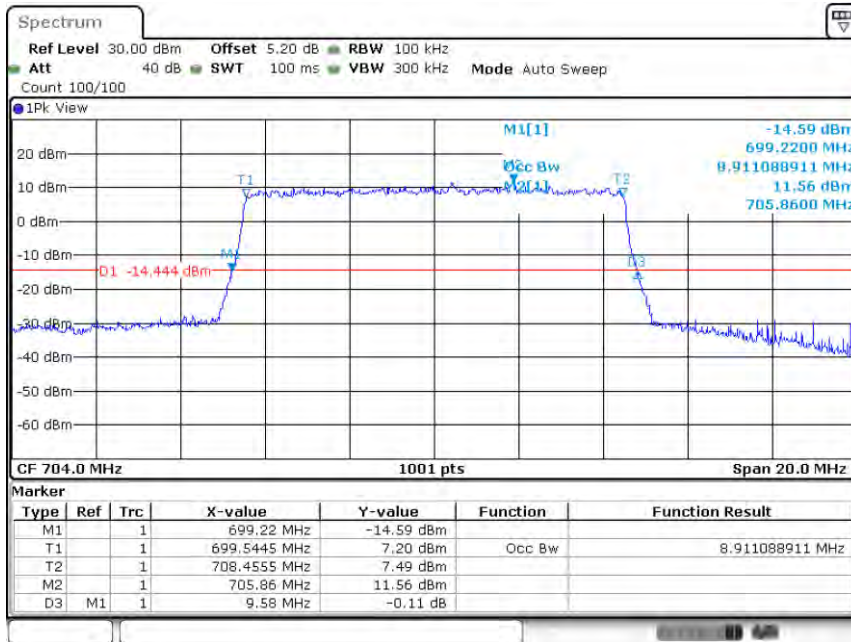
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Band12-10MHz-64QAM-23130-50RB#0-8.891



Date: 20.APR.2021 13:18:25

Band12-10MHz-256QAM-23060-50RB#0-8.911



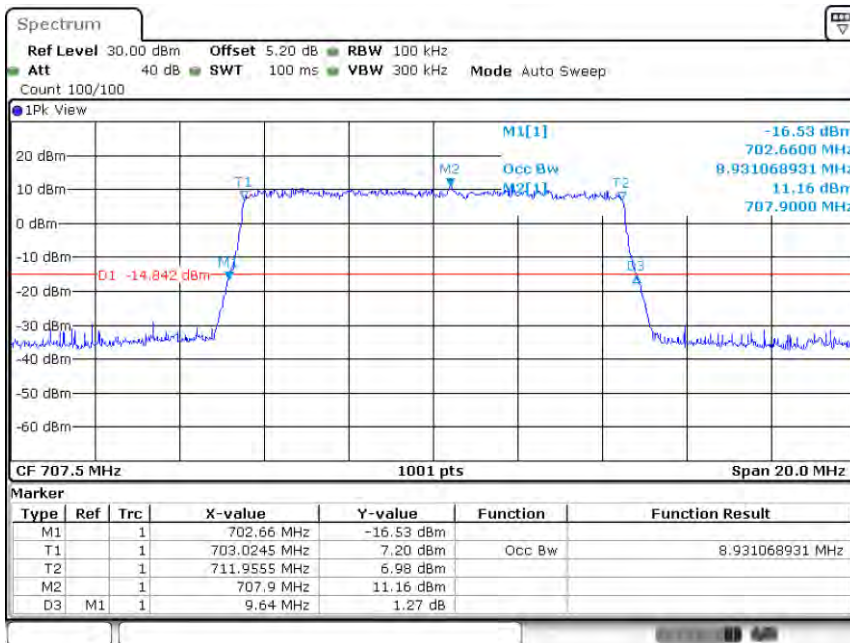
Date: 8.MAY.2021 03:35:55



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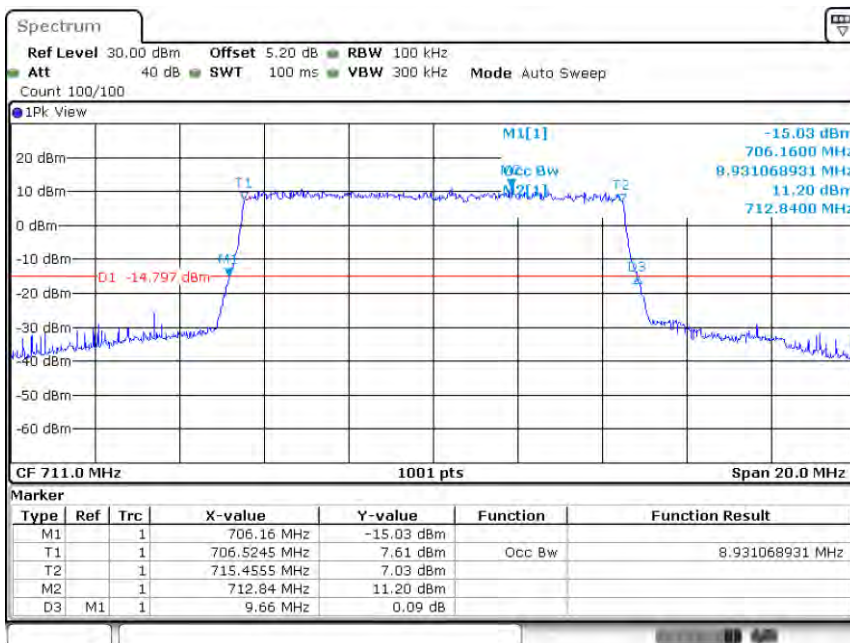


Band12-10MHz-256QAM-23095-50RB#0-8.931



Date: 8.MAY.2021 03:36:14

Band12-10MHz-256QAM-23130-50RB#0-8.931

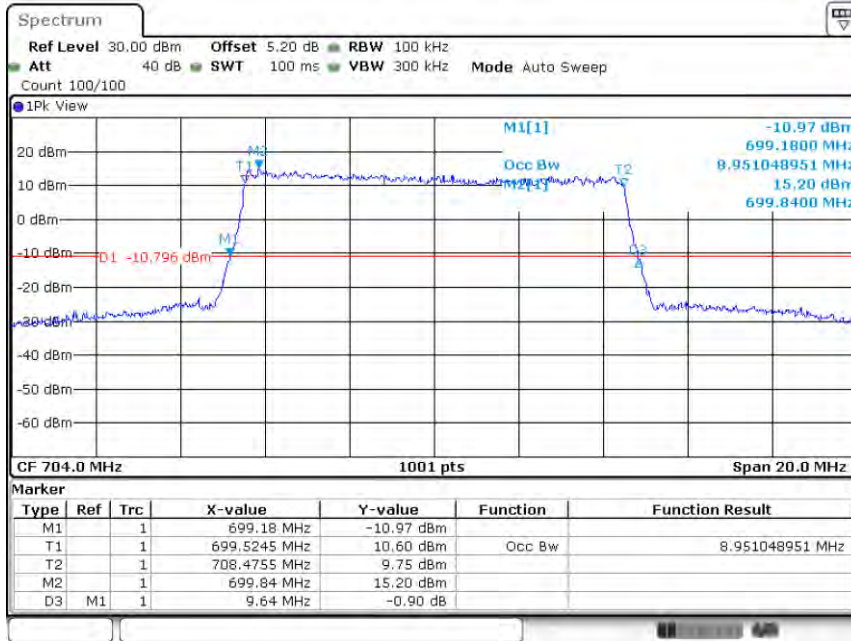


Date: 8.MAY.2021 03:36:34



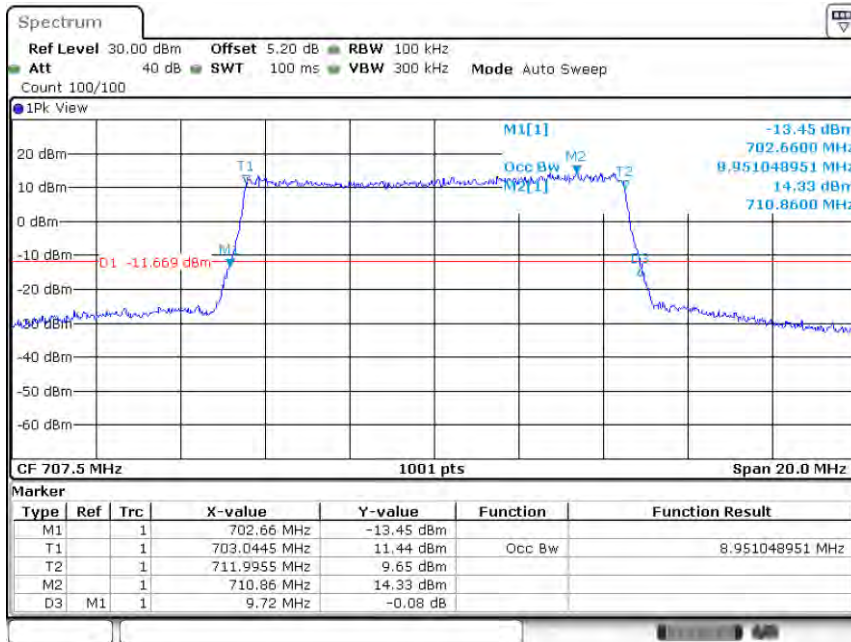
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Band12-10MHz-16QAM-23060-50RB#0-8.951



Date: 20.APR.2021 07:04:55

Band12-10MHz-16QAM-23095-50RB#0-8.951

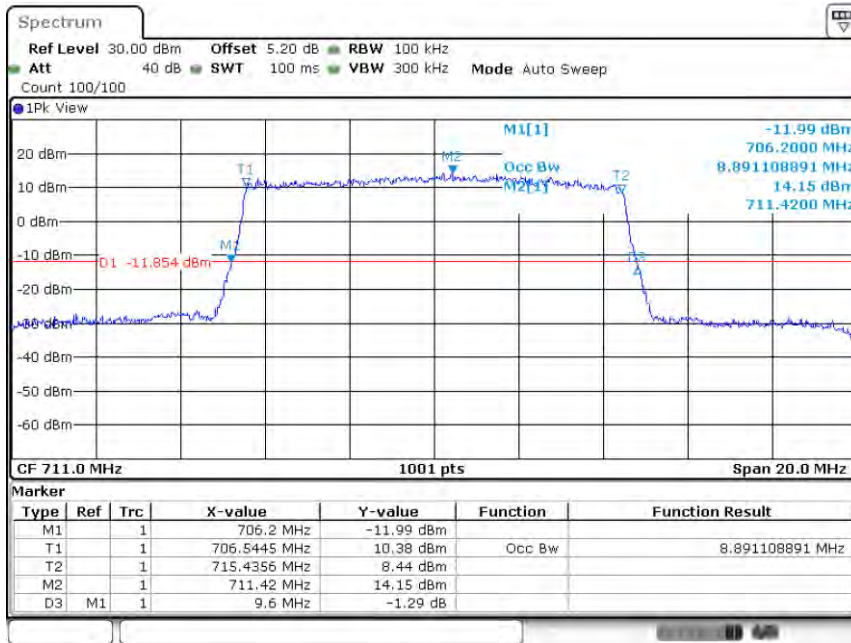


Date: 20.APR.2021 07:05:34



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



Date: 20.APR.2021 07:06:14

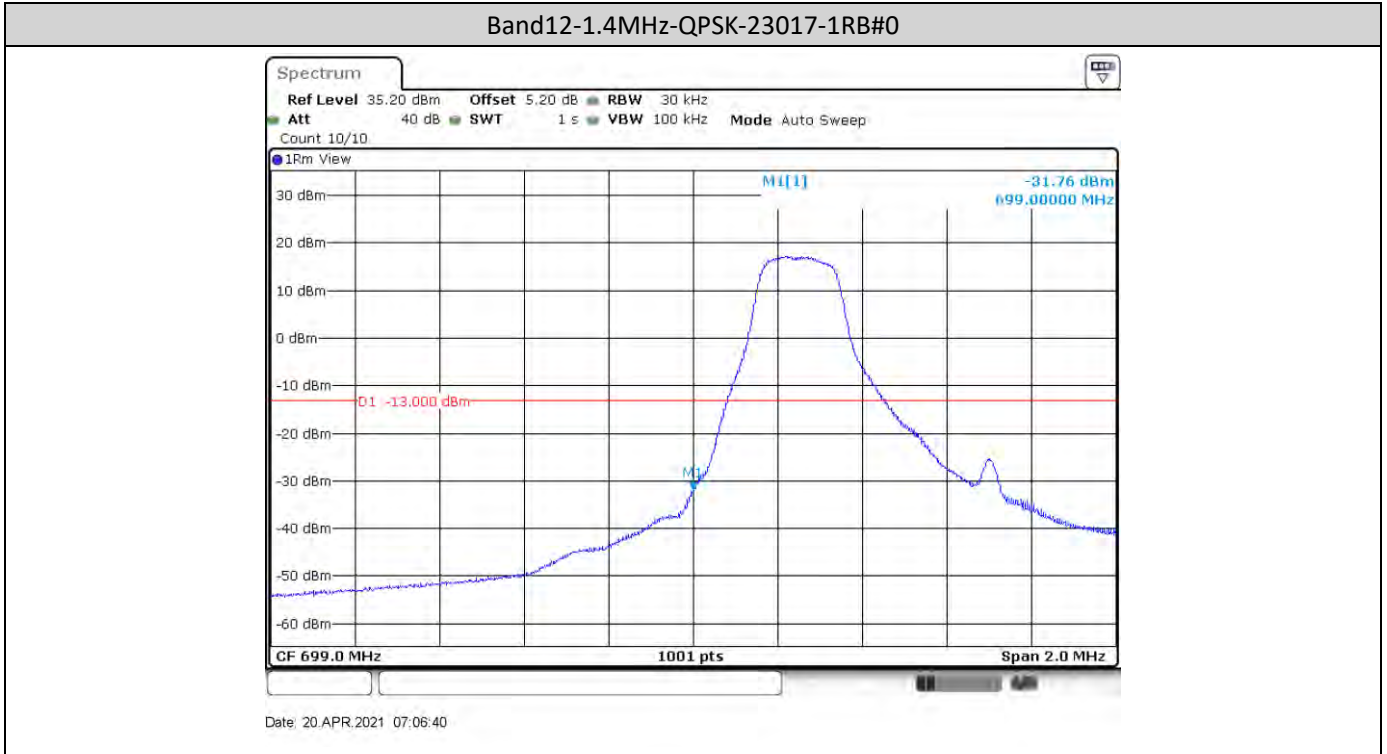


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5. Band Edge Compliance

5.1. Test Plots



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



Date: 20 APR 2021 07:07:21

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



Date: 20 APR 2021 07:08:06



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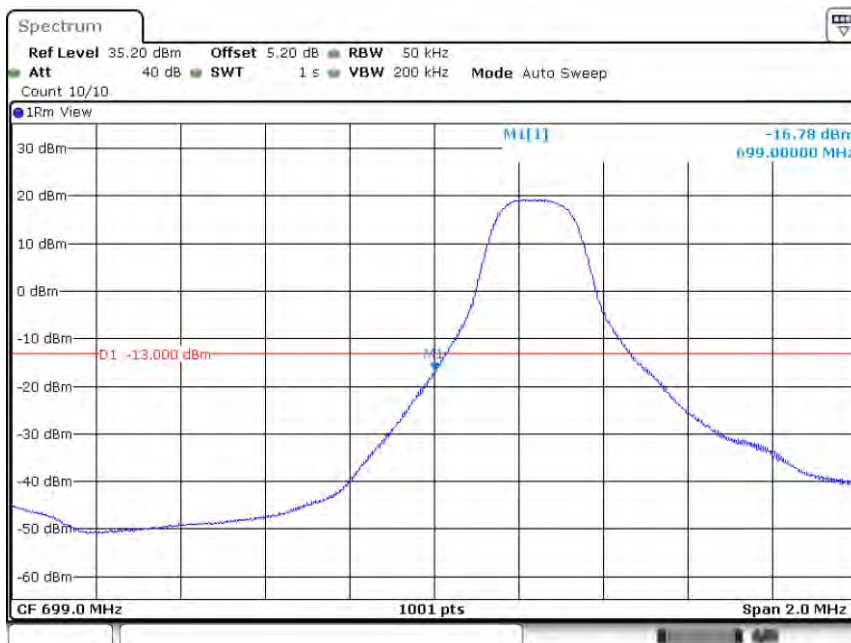


Band12-1.4MHz-QPSK-23173-6RB#0



Date: 20 APR 2021 07:08:48

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



Date: 20 APR 2021 07:09:34



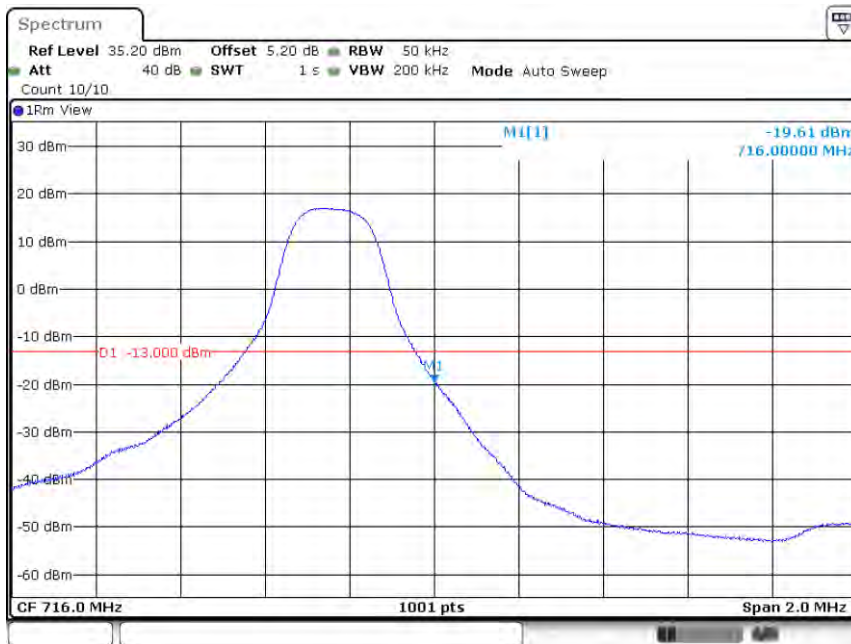
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Band12-3MHz-QPSK-23025-15RB#0



Date: 20.APR.2021 07:10:15

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



Date: 20.APR.2021 07:11:01



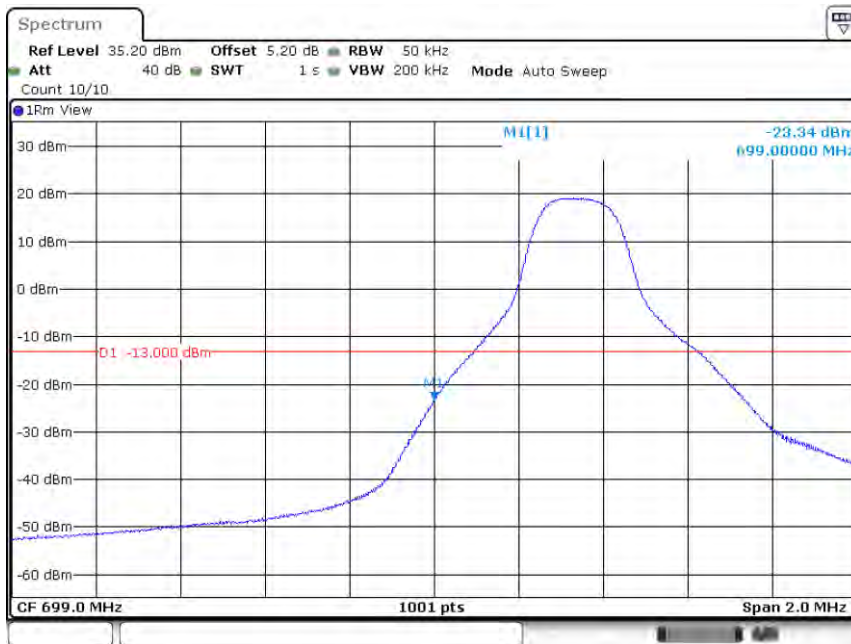
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Band12-3MHz-QPSK-23165-15RB#0



Date: 20 APR 2021 07:11:42

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

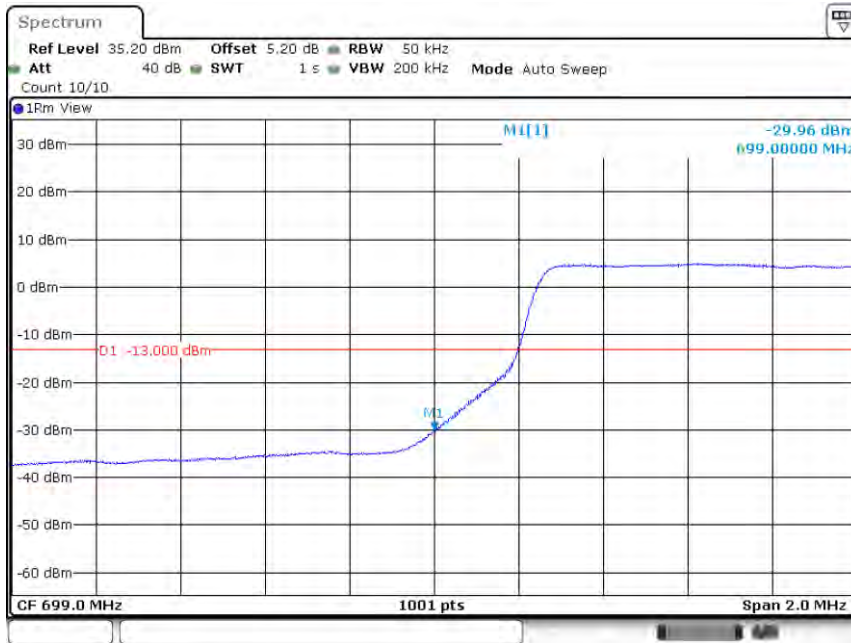


Date: 20 APR 2021 07:12:28



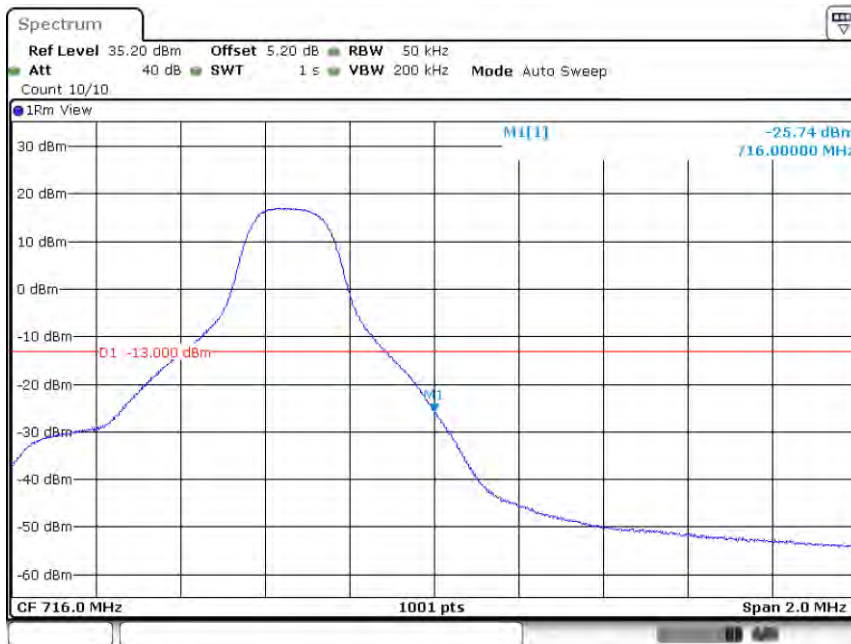
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Band12-5MHz-QPSK-23035-25RB#0



Date: 20 APR 2021 07:13:09

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



Date: 20 APR 2021 07:13:54



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Shenzhen Branch

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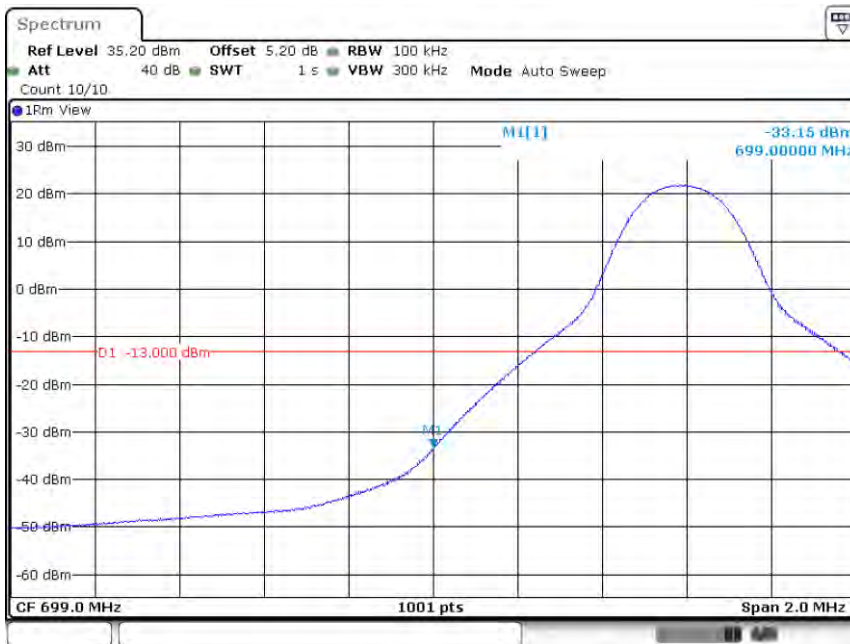


Band12-5MHz-QPSK-23155-25RB#0



Date: 20 APR 2021 07:14:36

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

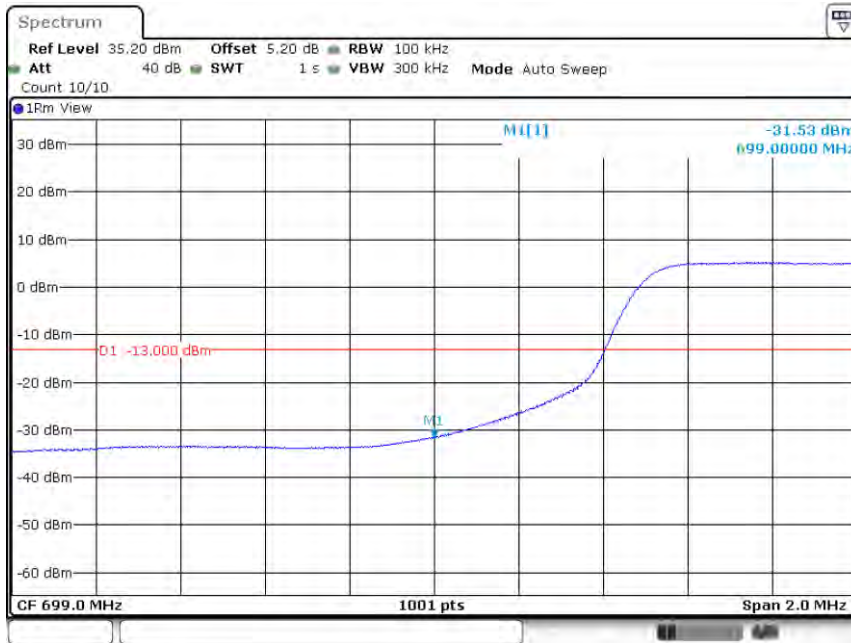


Date: 20 APR 2021 07:15:22



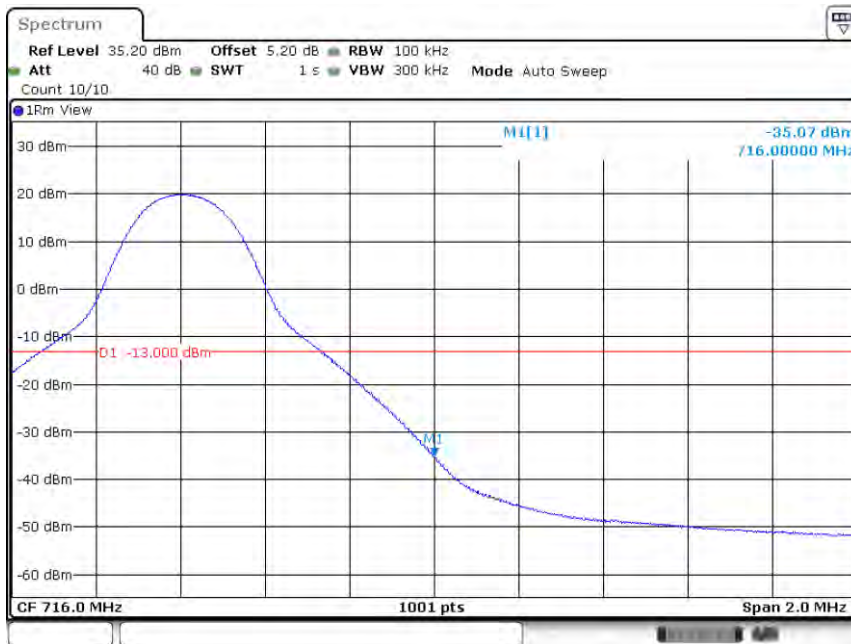
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Band12-10MHz-QPSK-23060-50RB#0



Date: 20 APR 2021 07:16:03

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



Date: 20 APR 2021 07:16:48



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



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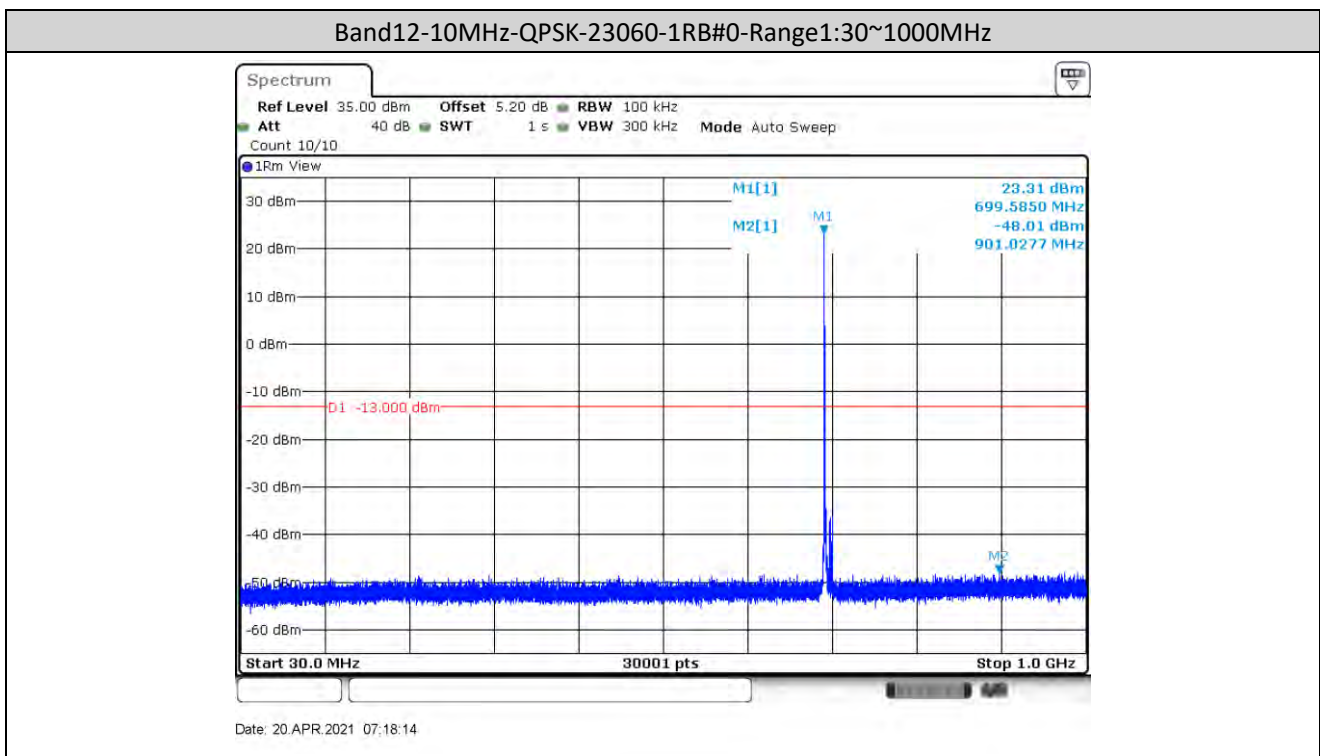
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

Remark3: 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 had been displayed.

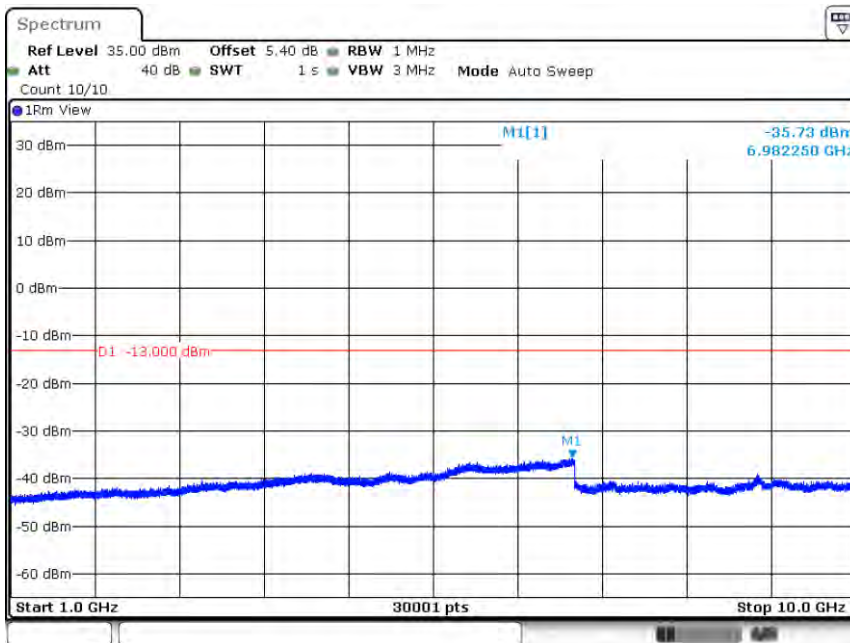
6.1. Test Plots



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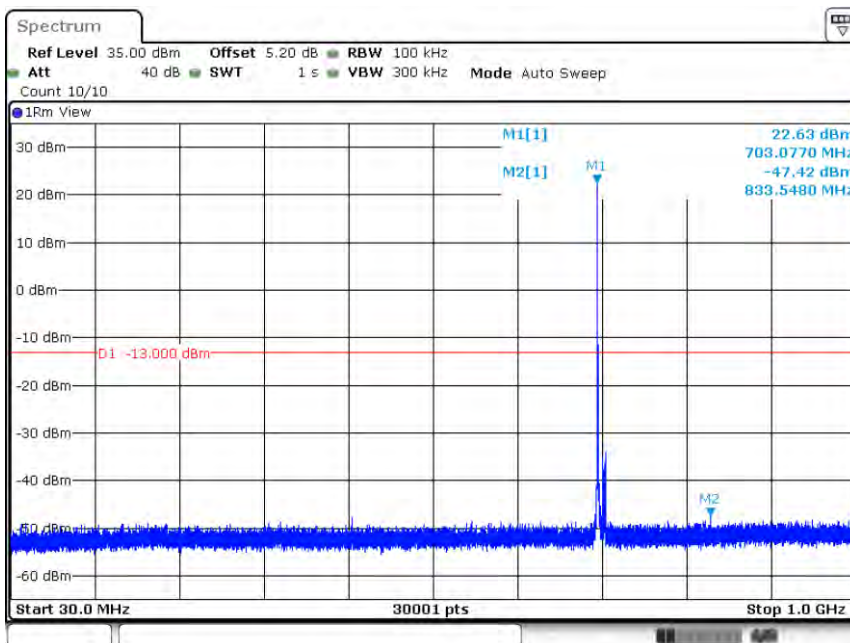
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Band12-10MHz-QPSK-23060-1RB#0-Range2:100~10000MHz



Date: 20.APR.2021 07:18:29

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

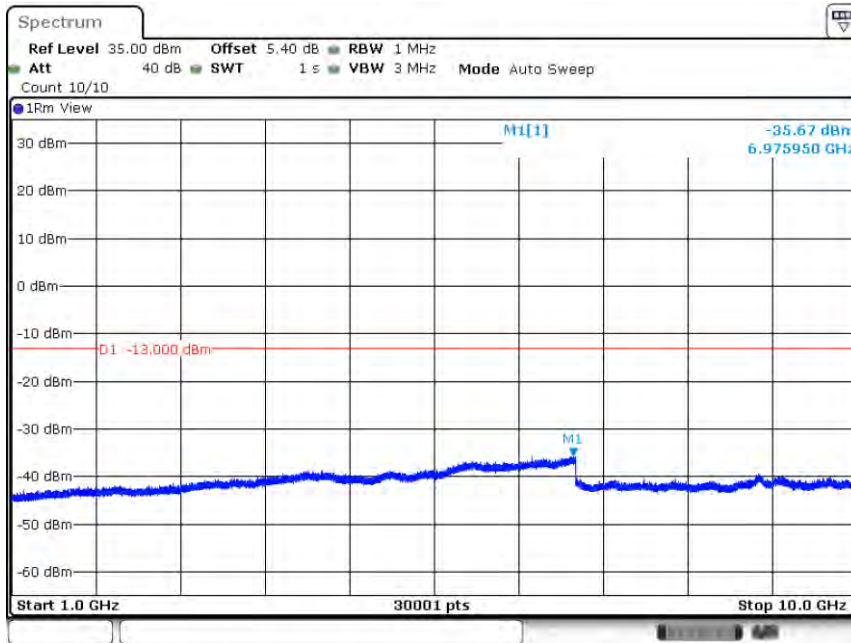


Date: 20.APR.2021 07:19:25



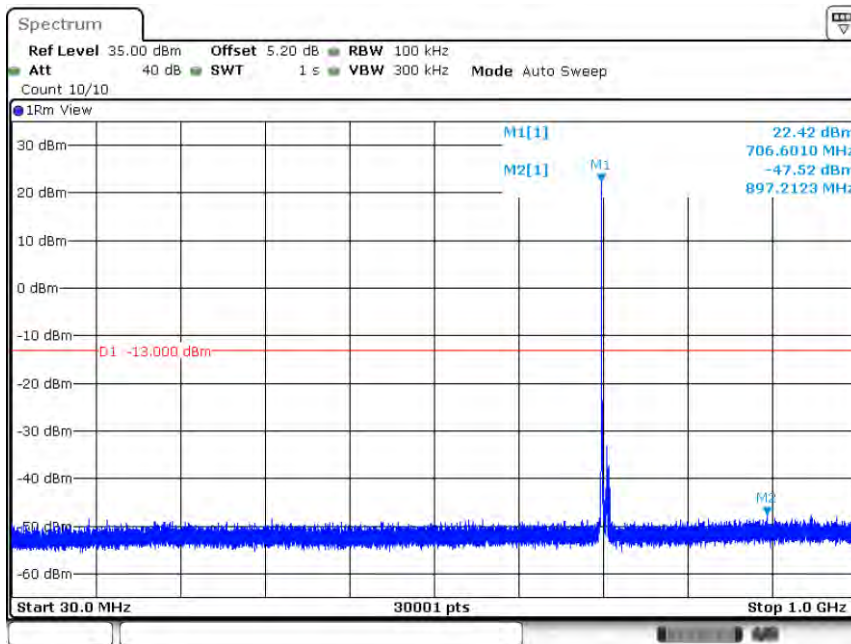
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Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Date: 20.APR.2021 07:19:40

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



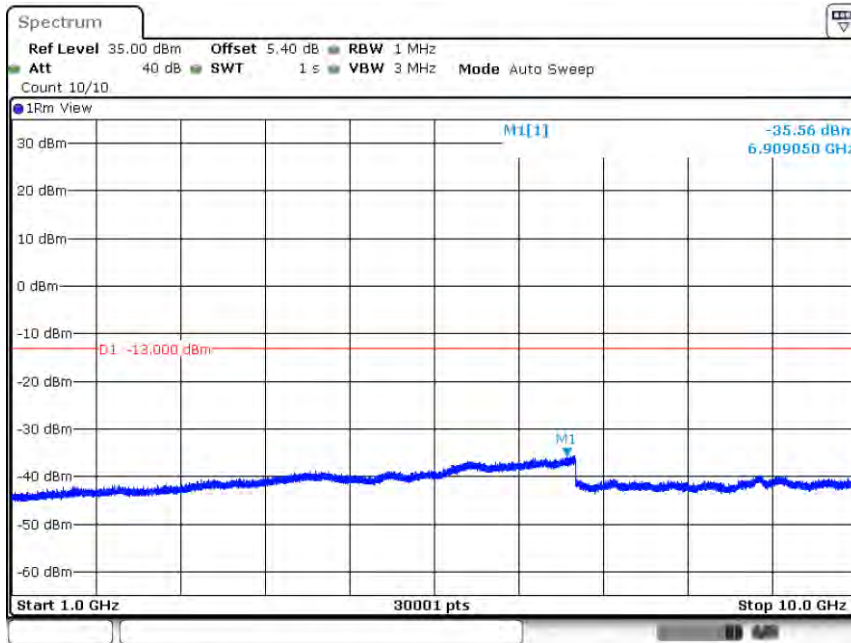
Date: 20.APR.2021 07:20:35



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



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7. Field Strength of Spurious Radiation

7.1. Test Band LTE_Band12_TM1 ANT0

7.1.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0351	-70.50	-54.72	-13.00	41.72	Horizontal
2	524.8831	-80.72	-65.72	-13.00	52.72	Horizontal
3	1398.7999	-67.57	-58.17	-13.00	45.17	Horizontal
4	2701.2127	-67.70	-48.81	-13.00	35.81	Horizontal
5	5315.9726	-54.91	-53.54	-13.00	40.54	Horizontal
6	9288.2115	-58.28	-51.50	-13.00	38.50	Horizontal



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7.2. Test Band LTE_Band12_TM1 ANT0

7.2.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9139	-69.65	-66.50	-13.00	53.50	Vertical
2	118.4023	-80.26	-65.62	-13.00	52.62	Vertical
3	1336.5421	-65.01	-55.57	-13.00	42.57	Vertical
4	2915.9895	-67.19	-48.07	-13.00	35.07	Vertical
5	5312.0525	-54.53	-53.62	-13.00	40.62	Vertical
6	9849.0740	-58.26	-50.50	-13.00	37.50	Vertical



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7.3. Test Band LTE_Band12_TM1 ANT0

7.3.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.0351	-70.59	-54.81	-13.00	41.81	Horizontal
2	245.7307	-80.82	-69.22	-13.00	56.22	Horizontal
3	1577.3222	-68.60	-57.27	-13.00	44.27	Horizontal
4	2981.4977	-66.60	-46.43	-13.00	33.43	Horizontal
5	5320.7328	-54.67	-53.37	-13.00	40.37	Horizontal
6	9271.1308	-58.41	-51.54	-13.00	38.54	Horizontal



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7.4. Test Band LTE_Band12_TM1 ANT0

7.4.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7926	-70.55	-67.51	-13.00	54.51	Vertical
2	110.3988	-80.65	-65.37	-13.00	52.37	Vertical
3	1336.2920	-66.37	-56.93	-13.00	43.93	Vertical
4	2731.9665	-67.66	-50.20	-13.00	37.20	Vertical
5	5295.5318	-55.03	-54.04	-13.00	41.04	Vertical
6	9742.9497	-58.61	-50.66	-13.00	37.66	Vertical



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7.5. Test Band LTE_Band12_TM1 ANT0
7.5.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.9139	-70.58	-54.81	-13.00	41.81	Horizontal
2	238.6973	-81.55	-69.87	-13.00	56.87	Horizontal
3	1336.5421	-65.03	-56.12	-13.00	43.12	Horizontal
4	2699.2124	-68.00	-49.09	-13.00	36.09	Horizontal
5	5330.5332	-54.57	-53.42	-13.00	40.42	Horizontal
6	9264.9706	-58.05	-51.14	-13.00	38.14	Horizontal



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7.6. Test Band LTE_Band12_TM1 ANT0

7.6.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7926	-70.47	-67.43	-13.00	54.43	Vertical
2	107.6097	-80.51	-65.69	-13.00	52.69	Vertical
3	1336.5421	-65.92	-56.48	-13.00	43.48	Vertical
4	2699.2124	-67.77	-50.11	-13.00	37.11	Vertical
5	5322.9729	-54.45	-53.68	-13.00	40.68	Vertical
6	9746.5899	-58.47	-50.50	-13.00	37.50	Vertical



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7.7. Test Band LTE_Band12 _TM1 ANT1

7.7.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6713	-71.10	-55.35	-13.00	42.35	Horizontal
2	152.4778	-74.21	-71.62	-13.00	58.62	Horizontal
3	563.6880	-80.48	-64.68	-13.00	51.68	Horizontal
4	1336.2920	-61.96	-53.05	-13.00	40.05	Horizontal
5	2698.4623	-67.98	-49.10	-13.00	36.10	Horizontal
6	5293.5717	-56.68	-55.21	-13.00	42.21	Horizontal



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7.8. Test Band LTE_Band12_TM1 ANT1

7.8.1. Test Channel Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6713	-71.52	-68.58	-13.00	55.58	Vertical
2	111.0051	-80.95	-65.72	-13.00	52.72	Vertical
3	1336.5421	-63.87	-54.43	-13.00	41.43	Vertical
4	2697.4622	-67.83	-50.23	-13.00	37.23	Vertical
5	5291.8917	-56.95	-56.03	-13.00	43.03	Vertical
6	9400.2160	-59.33	-52.68	-13.00	39.68	Vertical



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7.9. Test Band LTE_Band12_TM1 ANT1

7.9.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7926	-71.03	-55.27	-13.00	42.27	Horizontal
2	249.6112	-81.13	-69.60	-13.00	56.60	Horizontal
3	1336.2920	-64.62	-55.71	-13.00	42.71	Horizontal
4	2662.7078	-67.91	-50.44	-13.00	37.44	Horizontal
5	5306.1722	-56.75	-55.23	-13.00	42.23	Horizontal
6	9274.2110	-59.89	-53.03	-13.00	40.03	Horizontal



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7.10. Test Band LTE_Band12_TM1 ANT1

7.10.1. Test Channel Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3093	-73.59	-67.47	-13.00	54.47	Vertical
2	114.6431	-80.94	-66.00	-13.00	53.00	Vertical
3	1336.2920	-64.45	-55.01	-13.00	42.01	Vertical
4	2697.9622	-67.73	-50.11	-13.00	37.11	Vertical
5	5282.9313	-56.44	-55.70	-13.00	42.70	Vertical
6	9779.9112	-59.68	-52.07	-13.00	39.07	Vertical



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7.11. Test Band LTE_Band12_TM1 ANT1

7.11.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.6713	-71.03	-55.28	-13.00	42.28	Horizontal
2	249.2474	-81.11	-69.58	-13.00	56.58	Horizontal
3	1336.5421	-63.72	-54.81	-13.00	41.81	Horizontal
4	2697.4622	-67.91	-49.07	-13.00	36.07	Horizontal
5	5319.8928	-56.15	-54.84	-13.00	41.84	Horizontal
6	9364.9346	-59.16	-52.54	-13.00	39.54	Horizontal



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7.12. Test Band LTE_Band12_TM1 ANT1

7.12.1. Test Channel High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.7926	-70.97	-67.93	-13.00	54.93	Vertical
2	111.8540	-80.60	-65.44	-13.00	52.44	Vertical
3	1336.2920	-63.54	-54.10	-13.00	41.10	Vertical
4	2698.2123	-67.92	-50.29	-13.00	37.29	Vertical
5	5282.3713	-56.24	-55.51	-13.00	42.51	Vertical
6	9860.5544	-59.95	-52.19	-13.00	39.19	Vertical

Remark:

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



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8. Frequency Stability

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	0.40	0.000568	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	0.90	0.001278	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	0.20	0.000283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	0.50	0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	0.70	0.000989	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-0.90	-0.001266	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-0.40	-0.000563	±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
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	0.40	0.000568	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	1.10	0.001563	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	0.40	0.000568	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	0.30	0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	0.40	0.000568	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-0.80	-0.001136	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	0.00	0.000000	±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	-20	0.60	0.000848	±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	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	1.30	0.001837	±2.5	PASS



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band12	10MHz	QPSK	23095	50RB#0	NV	20	0.90	0.001272	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-0.10	-0.000141	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	1.10	0.001555	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	1.80	0.002532	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-0.10	-0.000141	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-0.50	-0.000703	±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	0.60	0.000844	±2.5	PASS



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