



Appendix B

E-UTRA Band 12



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.67	19.72	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.65	19.70	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.78	19.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.83	19.88	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.75	19.80	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.78	19.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.78	18.83	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.60	19.65	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.74	19.79	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.62	19.67	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	24.73	19.78	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.73	19.78	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.80	19.85	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.74	18.79	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.59	19.64	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.73	19.78	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.56	19.61	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.67	19.72	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.73	19.78	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.67	19.72	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.70	18.75	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.86	17.91	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.75	17.80	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.72	17.77	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	22.79	17.84	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	22.87	17.92	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	22.78	17.83	34.77	PASS



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Band12	1.4MHz	64QAM	23017	6RB#0	21.73	16.78	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.69	17.74	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.85	17.90	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.71	17.76	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	22.84	17.89	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	22.75	17.80	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	22.76	17.81	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.71	16.76	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.71	17.76	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	22.78	17.83	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.63	17.68	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	22.75	17.80	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	22.72	17.77	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	22.70	17.75	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.62	16.67	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.89	18.94	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.88	18.93	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	24.06	19.11	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.76	18.81	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.82	18.87	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.80	18.85	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.82	17.87	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.75	18.80	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.86	18.91	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	24.00	19.05	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.76	18.81	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.84	18.89	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.80	18.85	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.78	17.83	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.73	18.78	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.91	18.96	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.81	18.86	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.74	18.79	34.77	PASS



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Band12	1.4MHz	16QAM	23173	3RB#3	23.73	18.78	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.76	18.81	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.75	17.80	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.75	19.80	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.75	19.80	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.78	19.83	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.78	18.83	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.75	18.80	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.76	18.81	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.75	18.80	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.70	19.75	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.72	19.77	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.68	19.73	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.74	18.79	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.74	18.79	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.72	18.77	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.72	18.77	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.64	19.69	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.65	19.70	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.68	19.73	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.71	18.76	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.71	18.76	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.65	18.70	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.69	18.74	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.84	17.89	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.81	17.86	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.80	17.85	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	21.73	16.78	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	21.74	16.79	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	21.75	16.80	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.72	16.77	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.75	17.80	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.78	17.83	34.77	PASS



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Band12	3MHz	64QAM	23095	8RB#7	21.70	16.75	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.72	16.77	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.72	16.77	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.67	16.72	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.73	17.78	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.76	17.81	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.72	17.77	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	21.67	16.72	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	21.69	16.74	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	21.63	16.68	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.64	16.69	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	24.02	19.07	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.91	18.96	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.94	18.99	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.85	17.90	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.80	17.85	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.80	17.85	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.72	17.77	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.88	18.93	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.97	19.02	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.81	18.86	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.80	17.85	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.77	17.82	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.77	17.82	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.68	17.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.76	18.81	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.85	18.90	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.91	18.96	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.76	17.81	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.75	17.80	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.69	17.74	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.66	17.71	34.77	PASS



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Band12	5MHz	QPSK	23035	1RB#24	24.59	19.64	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.66	19.71	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.91	19.96	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.78	18.83	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.79	18.84	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.73	18.78	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.78	18.83	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.58	19.63	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.61	19.66	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.85	19.90	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.67	18.72	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.73	18.78	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.75	18.80	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.73	18.78	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.55	19.60	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	24.51	19.56	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.81	19.86	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.60	18.65	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.72	18.77	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.76	18.81	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.67	18.72	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	23.00	18.05	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.68	17.73	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.66	17.71	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	21.74	16.79	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	21.75	16.80	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	21.67	16.72	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.75	16.80	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.70	17.75	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.90	17.95	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.61	17.66	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	21.70	16.75	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	21.72	16.77	34.77	PASS



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Band12	5MHz	64QAM	23095	12RB#13	21.63	16.68	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.68	16.73	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.62	17.67	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.63	17.68	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.88	17.93	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	21.64	16.69	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	21.70	16.75	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	21.58	16.63	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.64	16.69	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	24.08	19.13	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.72	18.77	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.84	18.89	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.72	17.77	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.78	17.83	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.79	17.84	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.80	17.85	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.87	18.92	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	24.10	19.15	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.75	18.80	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.73	17.78	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.76	17.81	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.68	17.73	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.71	17.76	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.69	18.74	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	24.00	19.05	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.83	18.88	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.67	17.72	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.61	17.66	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.76	17.81	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.66	17.71	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.73	19.78	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.65	19.70	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.82	19.87	34.77	PASS



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Band12	10MHz	QPSK	23060	25RB#0	23.79	18.84	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.79	18.84	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.72	18.77	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.78	18.83	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.79	19.84	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.63	19.68	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.71	19.76	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.82	18.87	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.76	18.81	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.74	18.79	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.81	18.86	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.68	19.73	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.75	19.80	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.58	19.63	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.83	18.88	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.75	18.80	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.71	18.76	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.81	18.86	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.72	17.77	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.78	17.83	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.85	17.90	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.70	16.75	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.74	16.79	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.74	16.79	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.71	16.76	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.74	17.79	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.86	17.91	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.72	17.77	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.73	16.78	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	21.71	16.76	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	21.78	16.83	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.74	16.79	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.75	17.80	34.77	PASS



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Band12	10MHz	64QAM	23130	1RB#24	22.83	17.88	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.64	17.69	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.81	16.86	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.72	16.77	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	21.68	16.73	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.77	16.82	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.96	19.01	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	24.05	19.10	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.85	18.90	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.75	17.80	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.79	17.84	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.71	17.76	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.75	17.80	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.95	19.00	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	24.02	19.07	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.86	18.91	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.83	17.88	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.75	17.80	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.72	17.77	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.79	17.84	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.86	18.91	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	24.05	19.10	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.87	18.92	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.82	17.87	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.74	17.79	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.70	17.75	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.79	17.84	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	5.28	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.45	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.43	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.46	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.58	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.97	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.06	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.14	13	PASS



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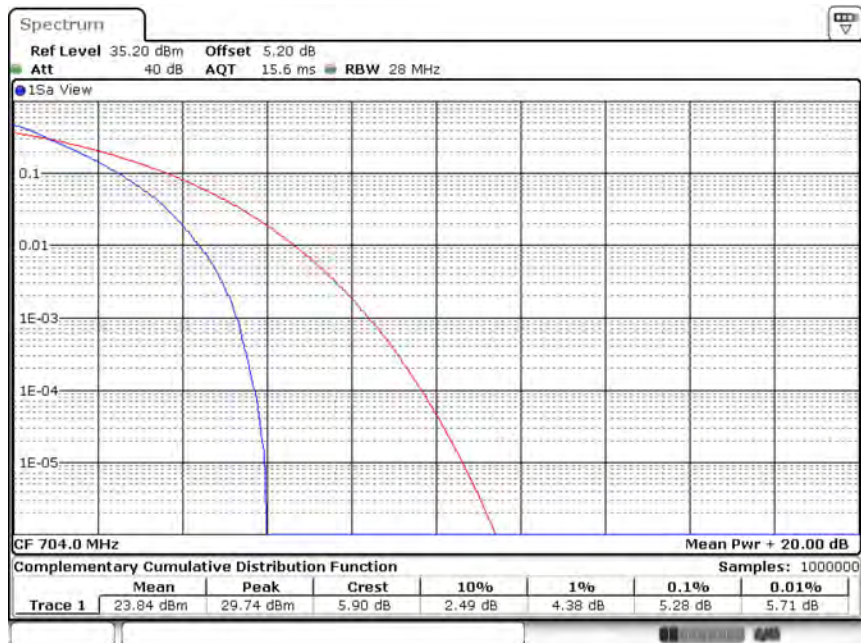
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2.2. Test Plots

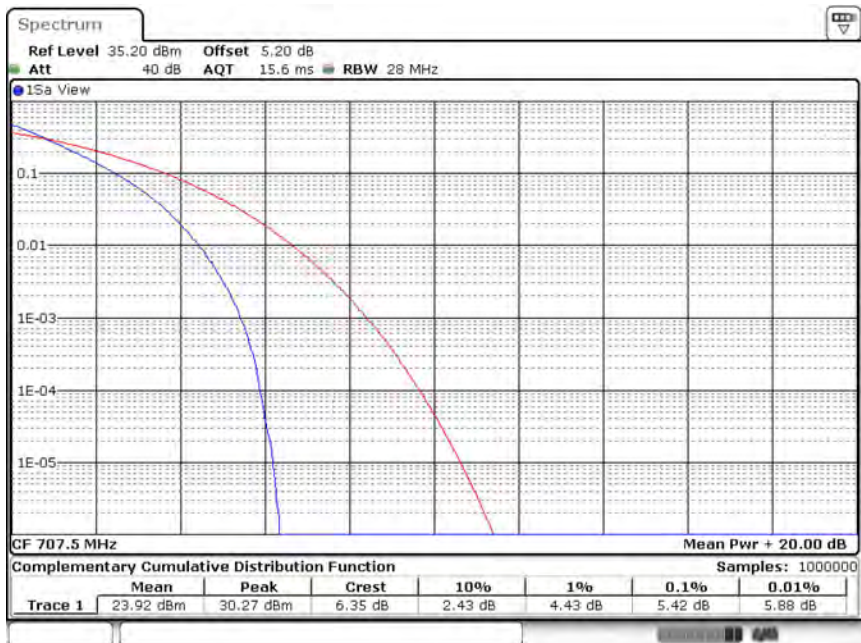
Band12-10MHz-QPSK-23060-50RB#0



Date: 23 JUN 2020 13:01:42

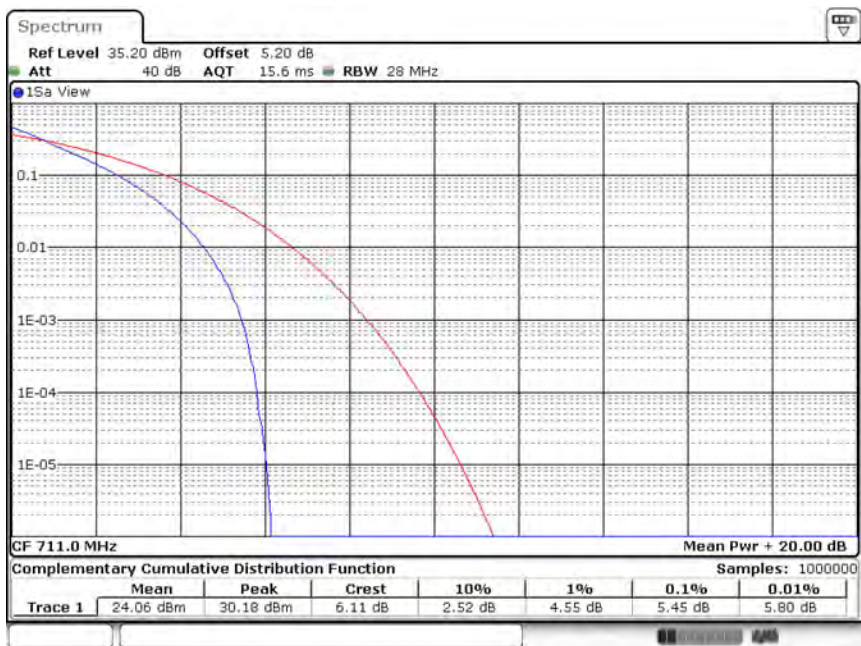


Band12-10MHz-QPSK-23095-50RB#0



Date: 23 JUN 2020 13:02:04

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



Date: 23 JUN 2020 13:02:27

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



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
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Date: 24 JUN 2020 09:39:31

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



Date: 24 JUN 2020 09:39:42

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



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



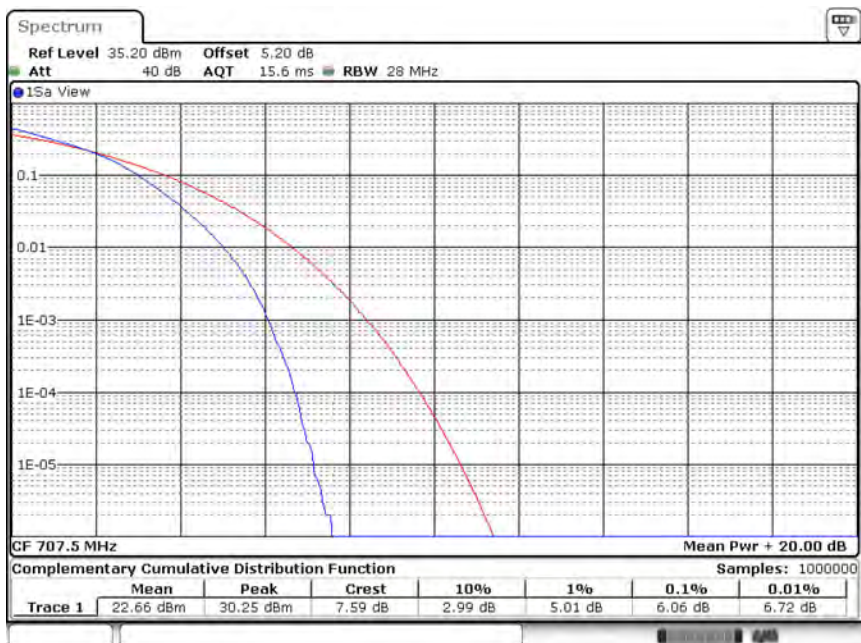
Date: 23 JUN 2020 13:01:53

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



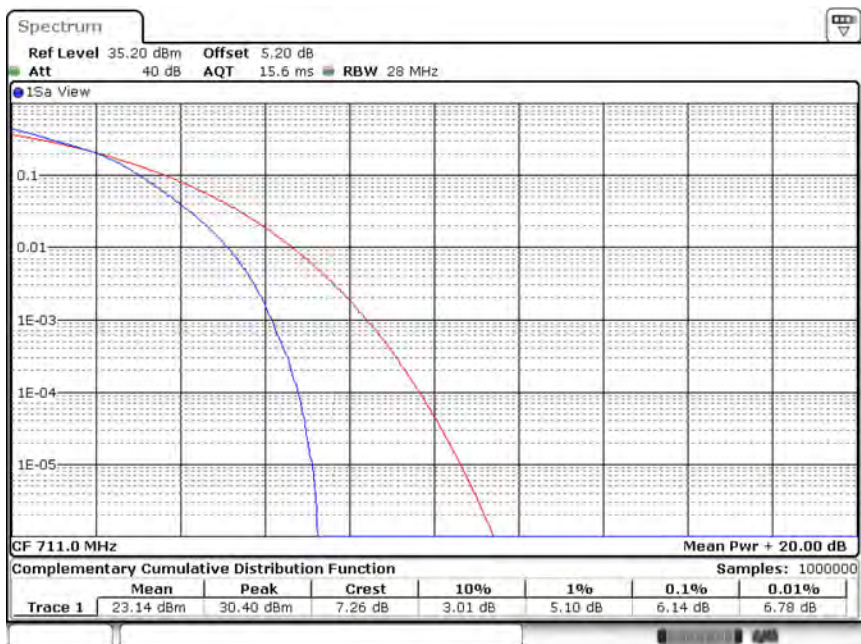
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Band12-10MHz-16QAM-23130-50RB#0



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SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
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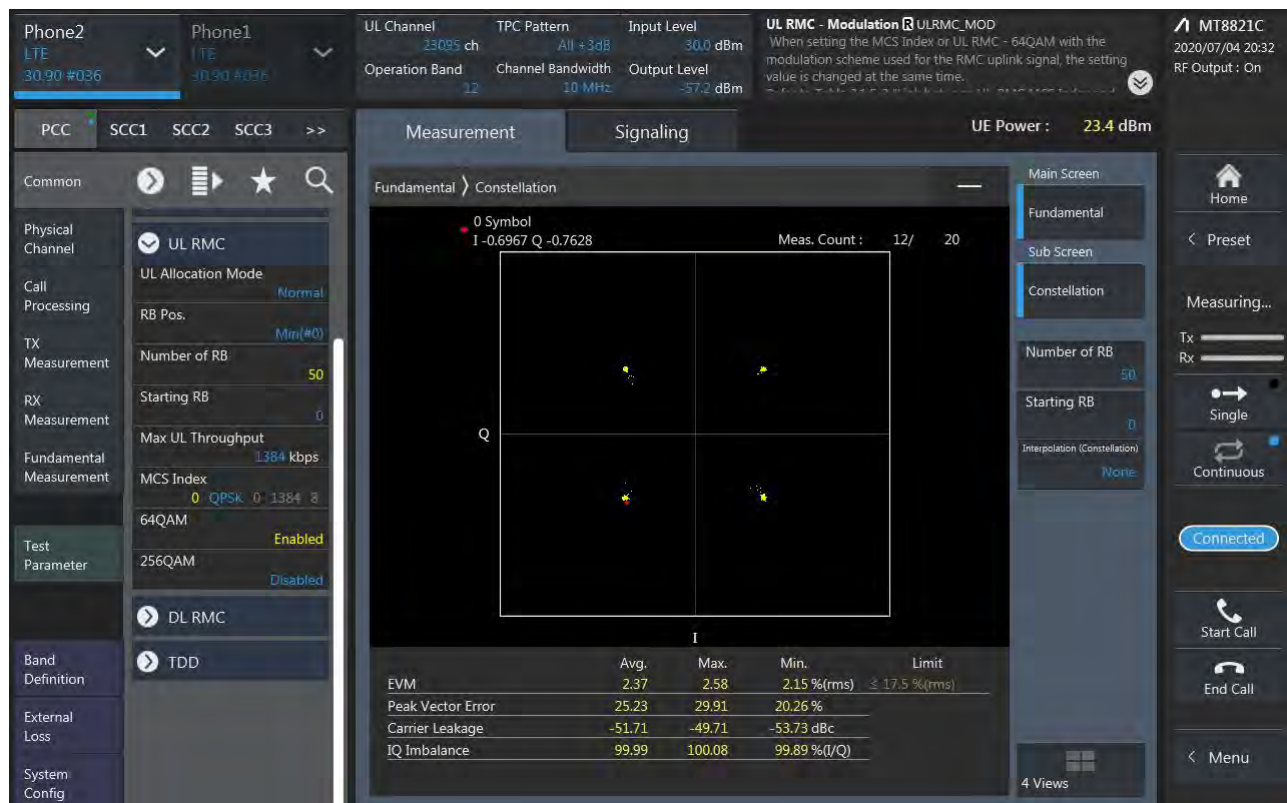
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

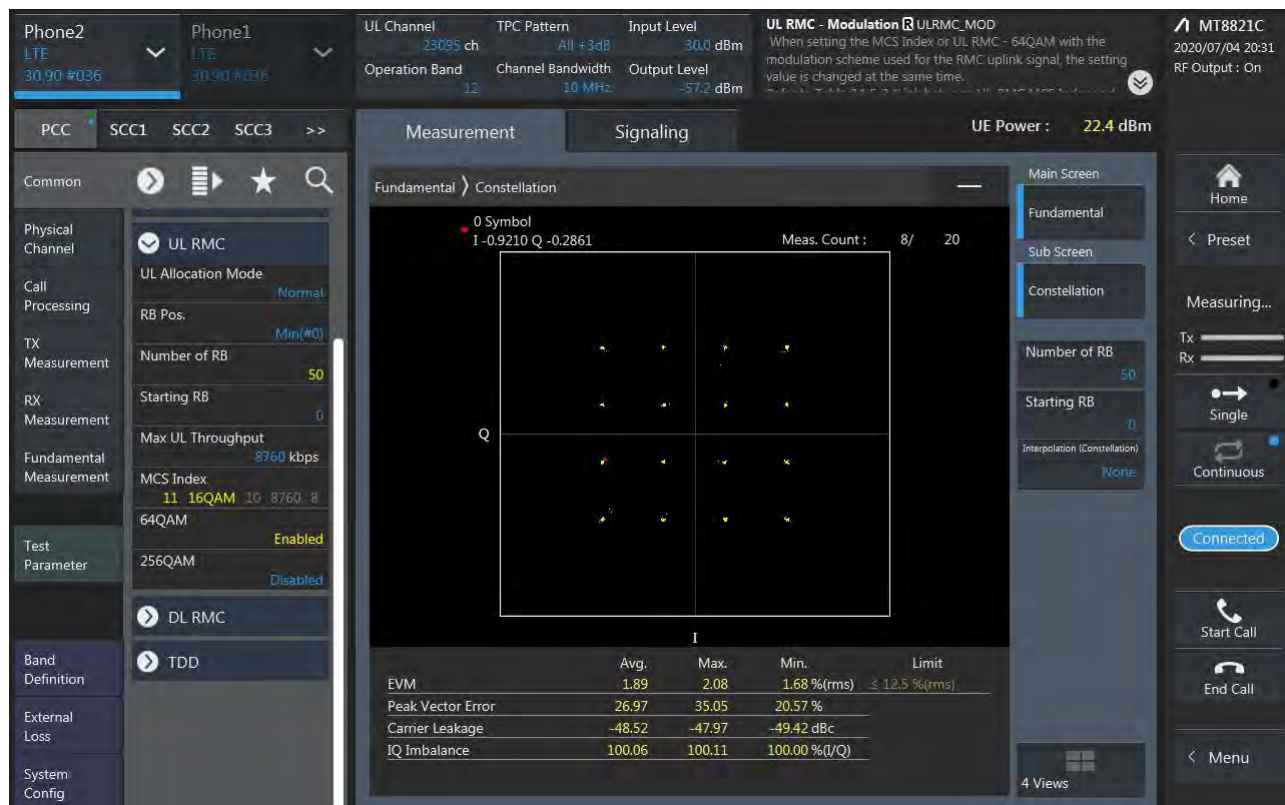
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 10MHz

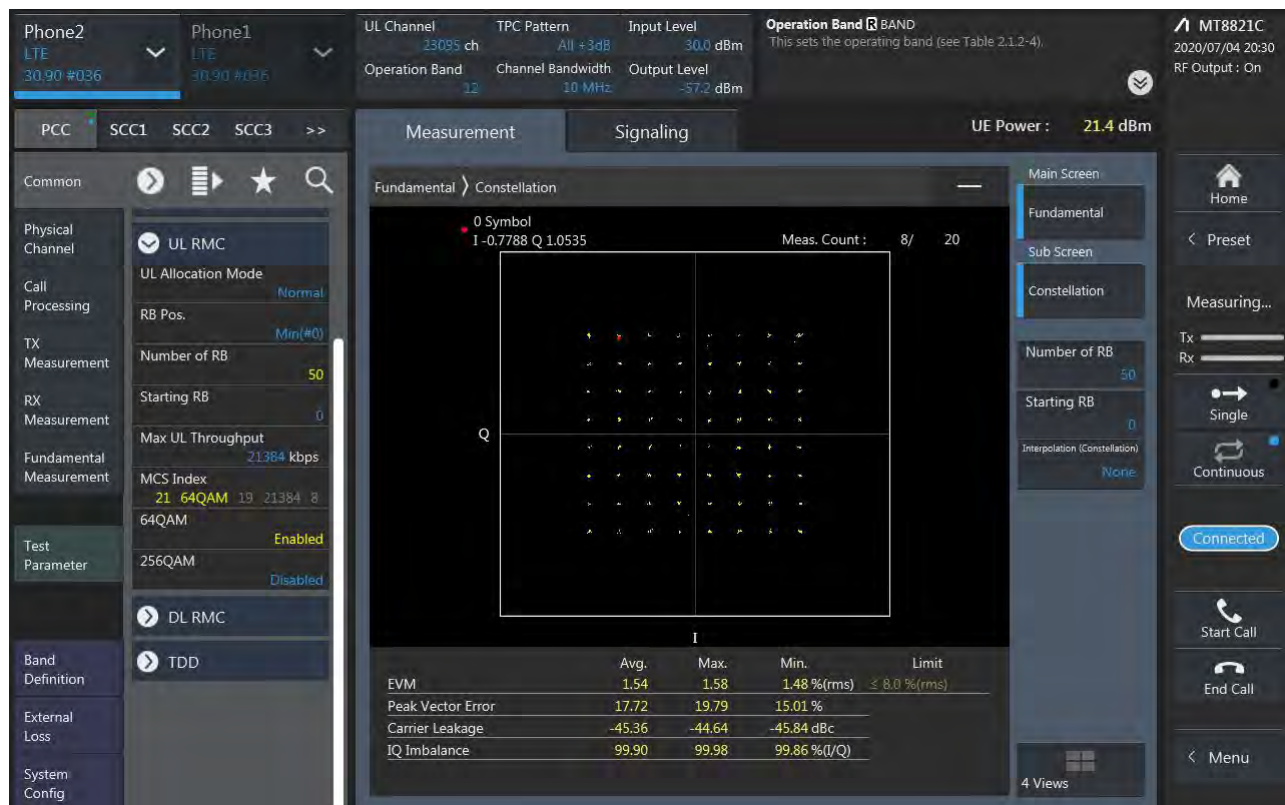
3.2.1. Test Channel = MCH





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	1.091	1.293	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.091	1.296	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.284	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.097	1.284	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.094	1.284	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.094	1.284	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.290	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.085	1.284	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.691	2.916	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.685	2.922	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.685	2.904	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.685	2.916	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.679	2.904	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.679	2.904	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.679	2.946	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.673	2.910	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.679	2.898	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	5.050	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.486	5.060	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.476	5.050	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.486	5.040	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	5.010	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.476	5.020	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	5.090	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.486	5.040	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.486	5.060	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.931	9.820	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.951	9.860	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.951	9.960	PASS



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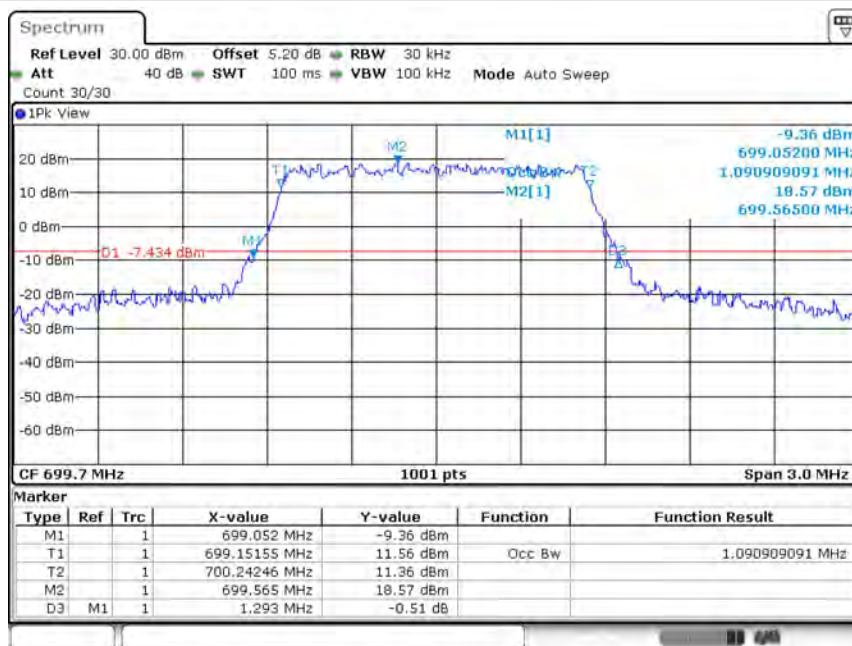
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Band12	10MHz	64QAM	23060	50RB#0	8.931	9.760	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.931	9.760	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.971	9.880	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.931	9.800	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.931	9.880	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.951	9.920	PASS

4.2. Test Plots

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



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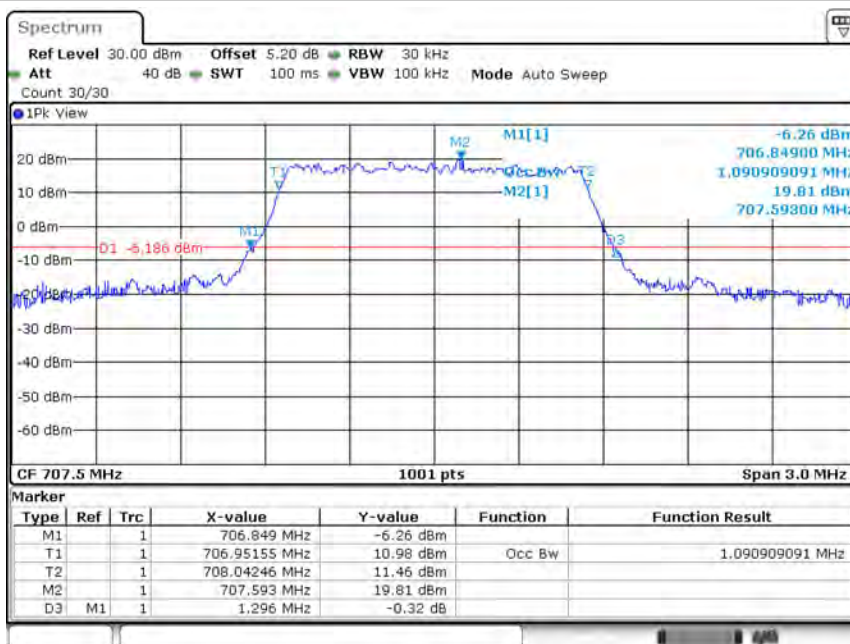
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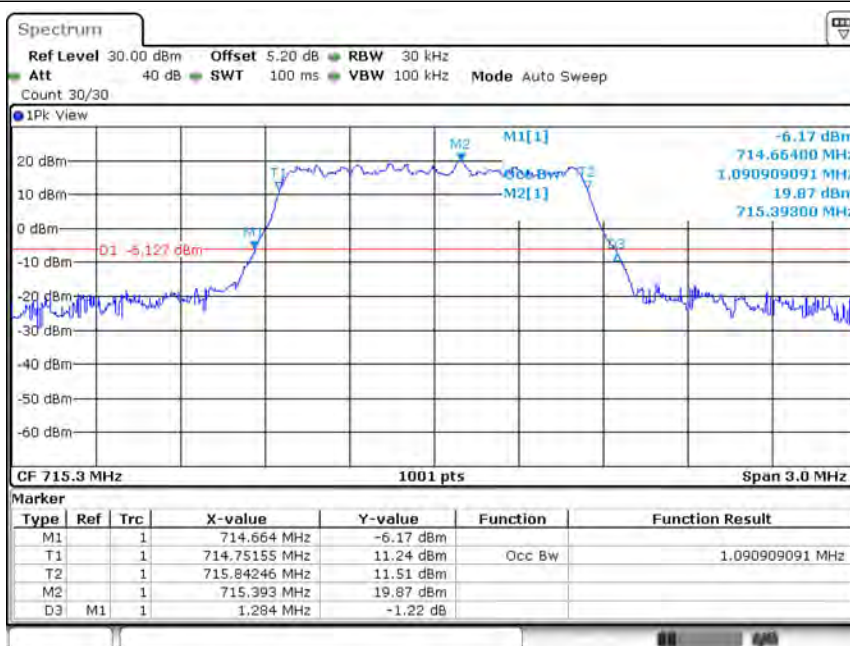


Band12-1.4MHz-QPSK-23095-6RB#0-1.091



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

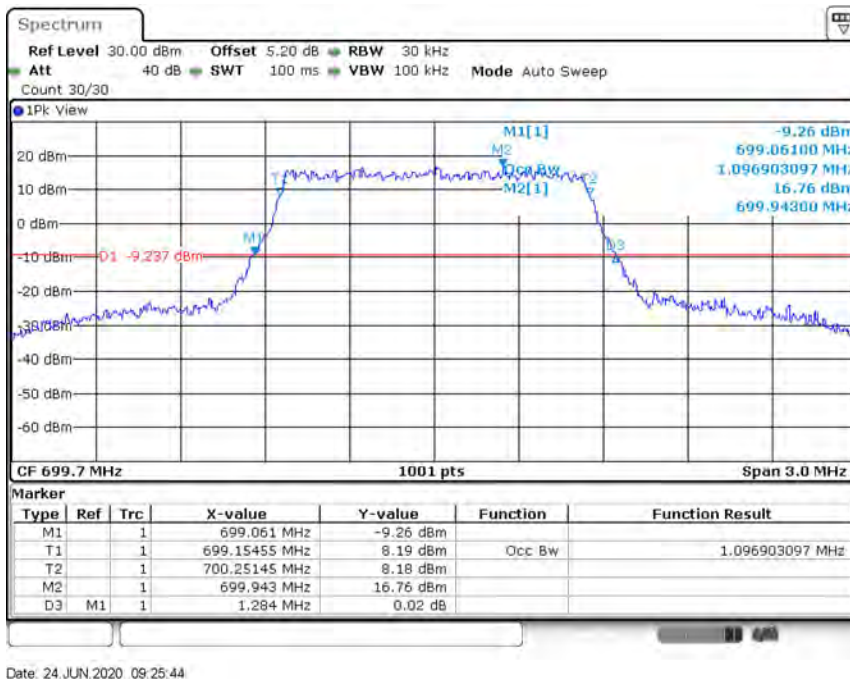


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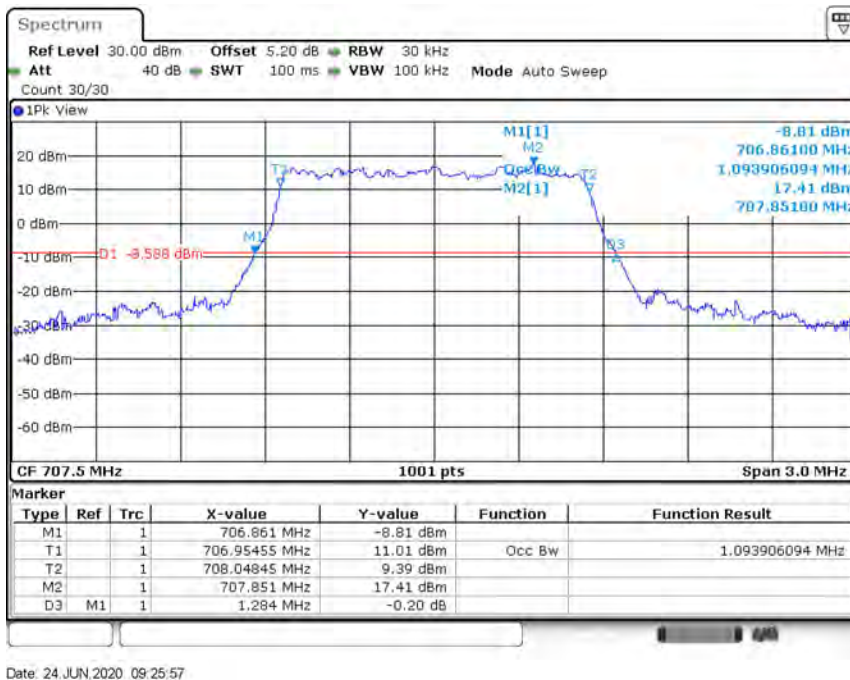
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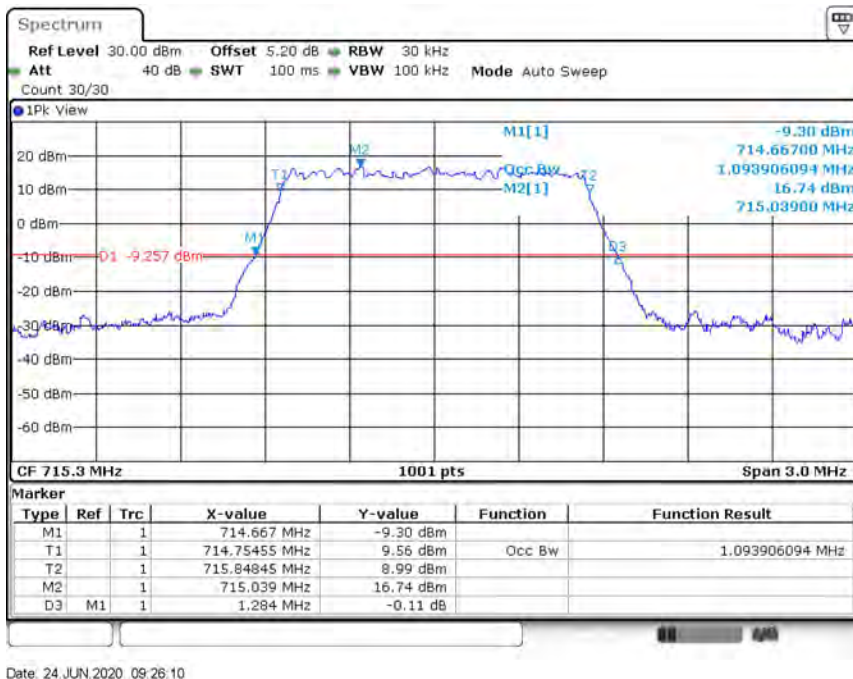


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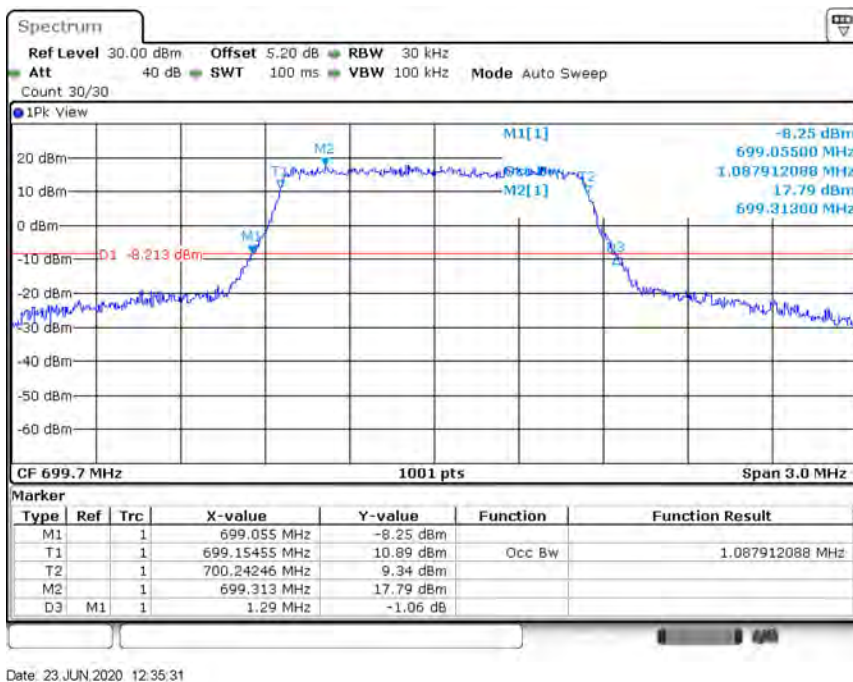


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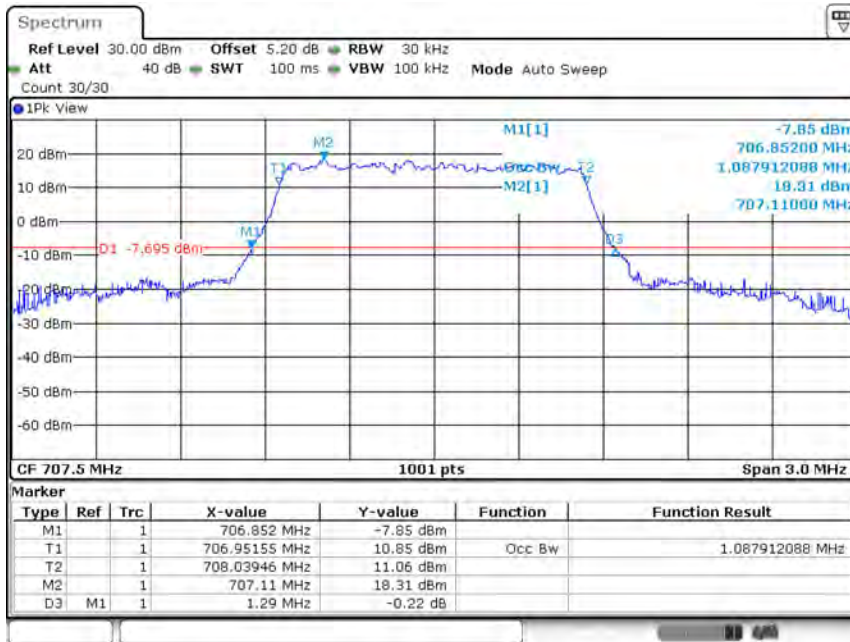


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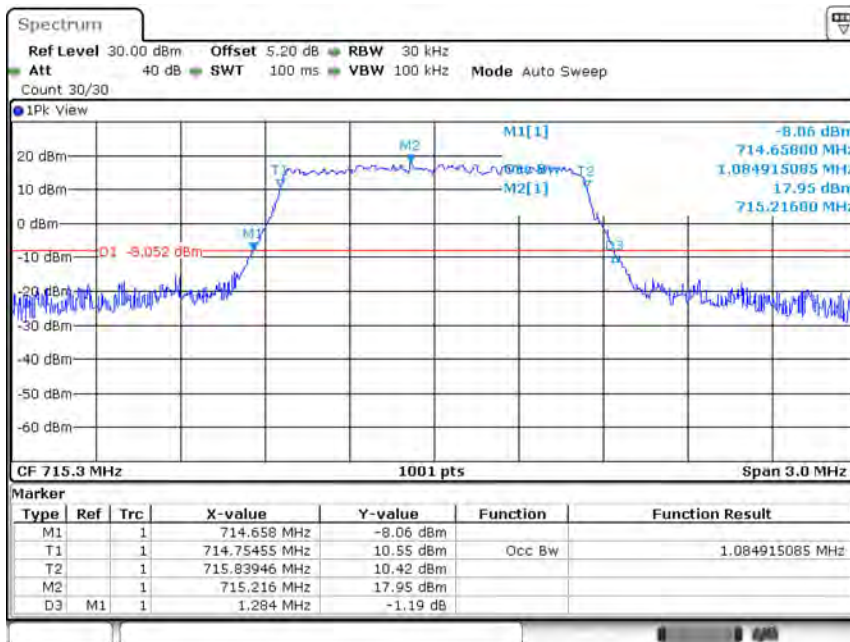
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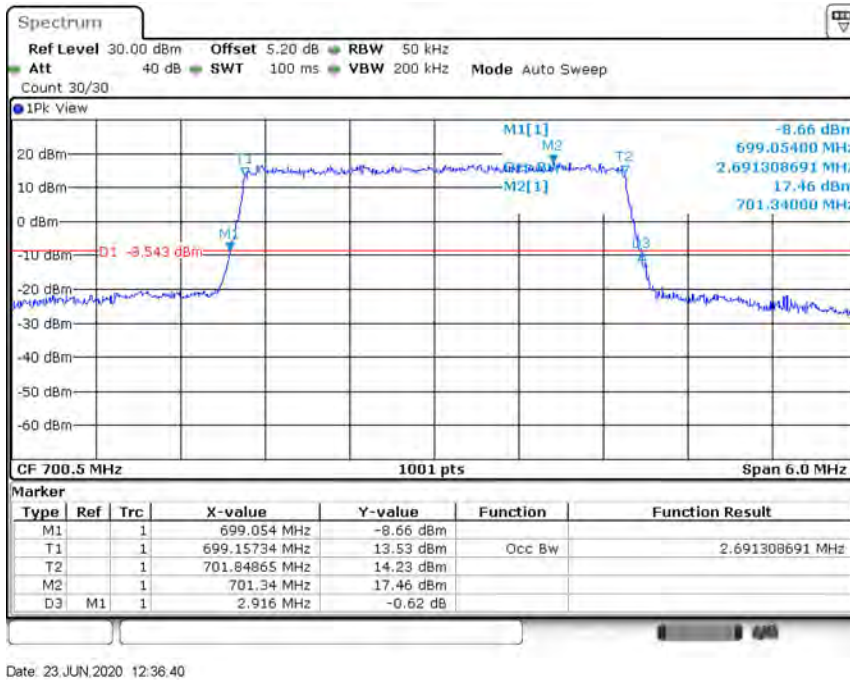
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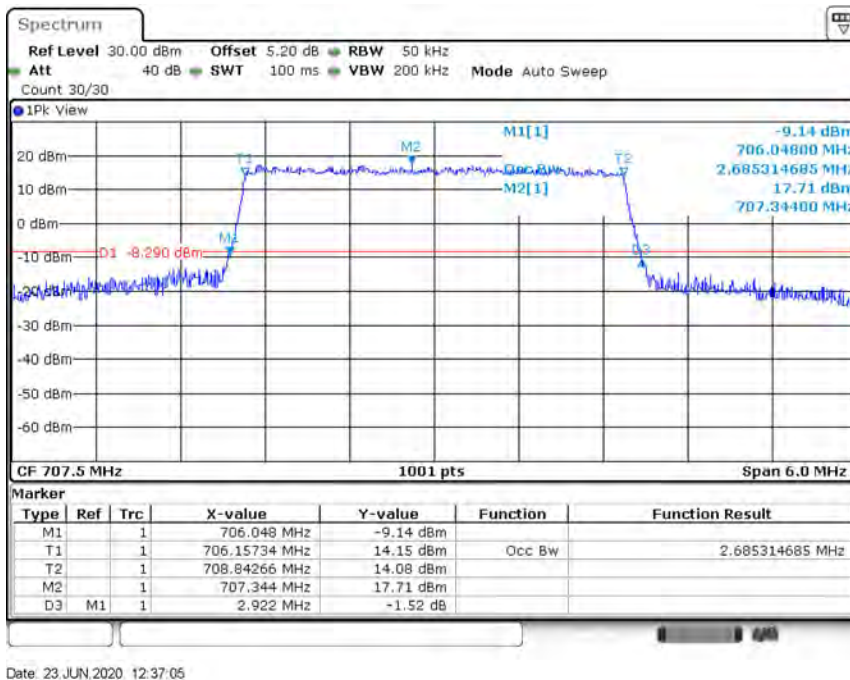


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Band12-3MHz-QPSK-23095-15RB#0-2.685

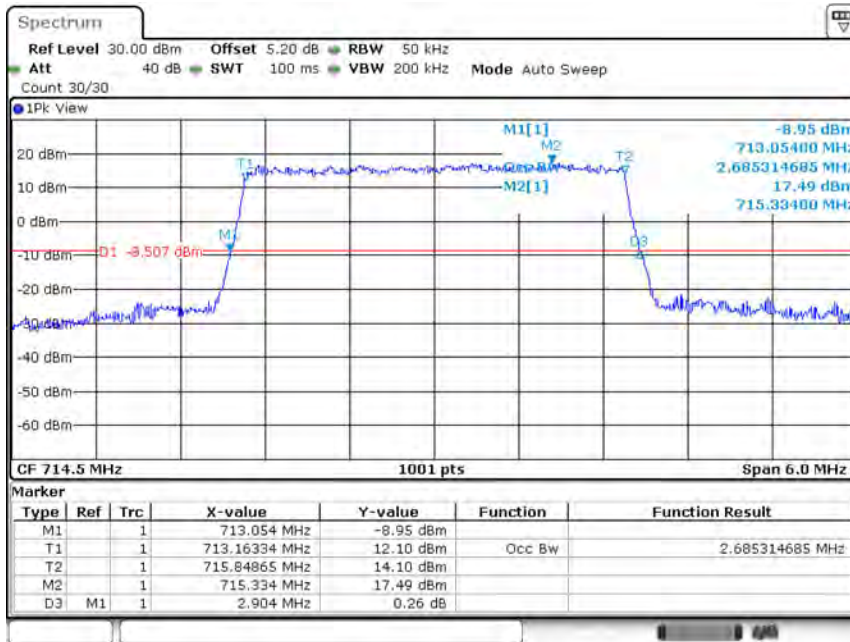


Band12-3MHz-QPSK-23165-15RB#0-2.685



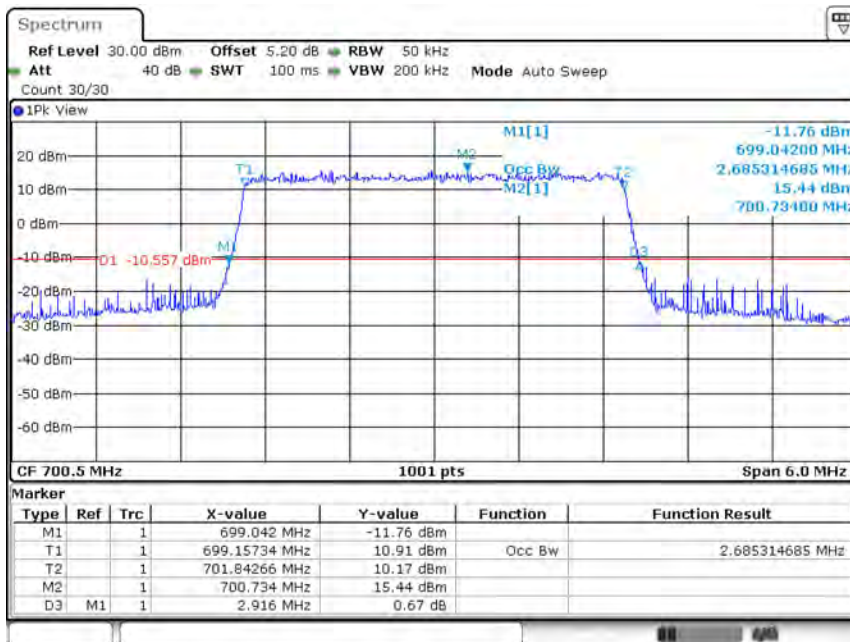
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Band12-3MHz-64QAM-23025-15RB#0-2.685



Date: 24 JUN 2020 09:26:27

Band12-3MHz-64QAM-23095-15RB#0-2.679



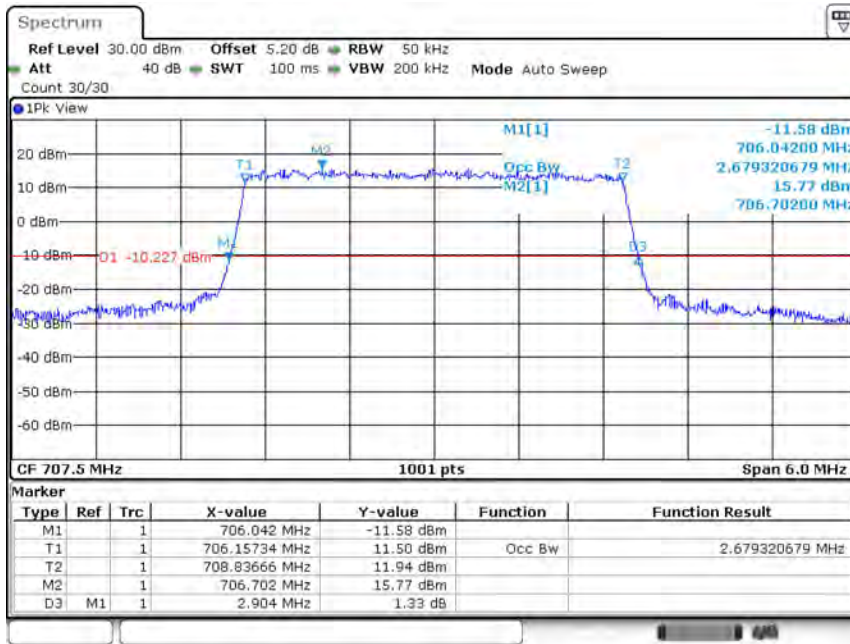
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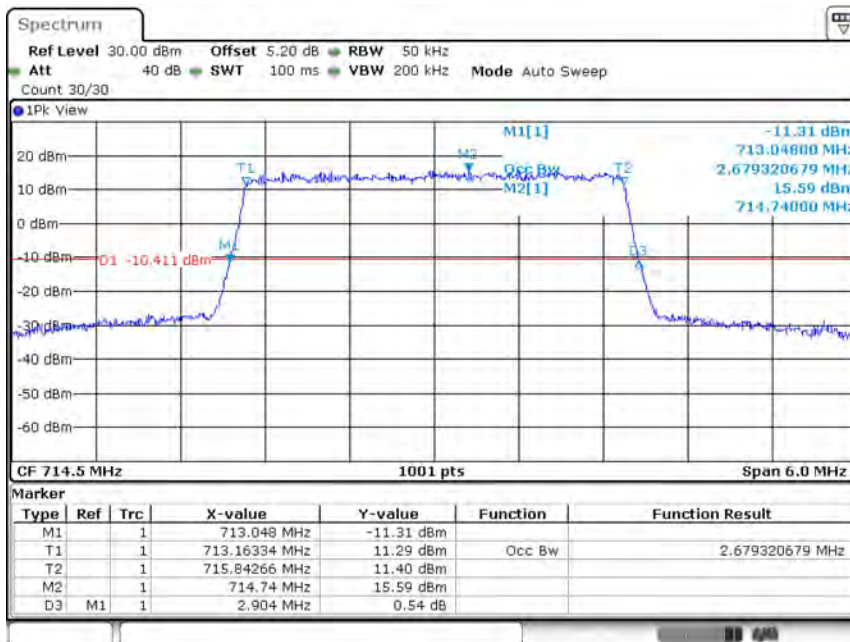
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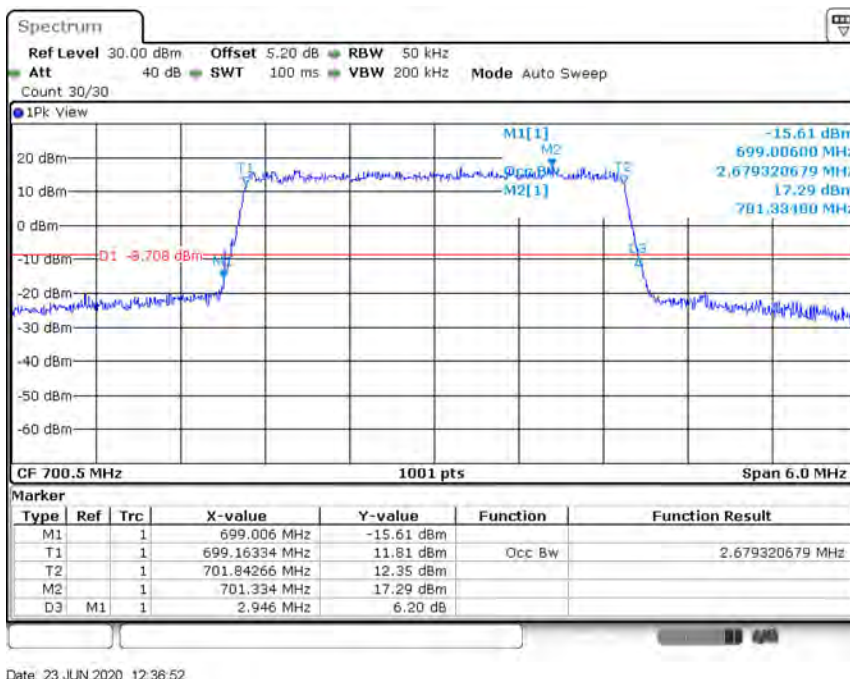
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Band12-3MHz-16QAM-23025-15RB#0-2.679

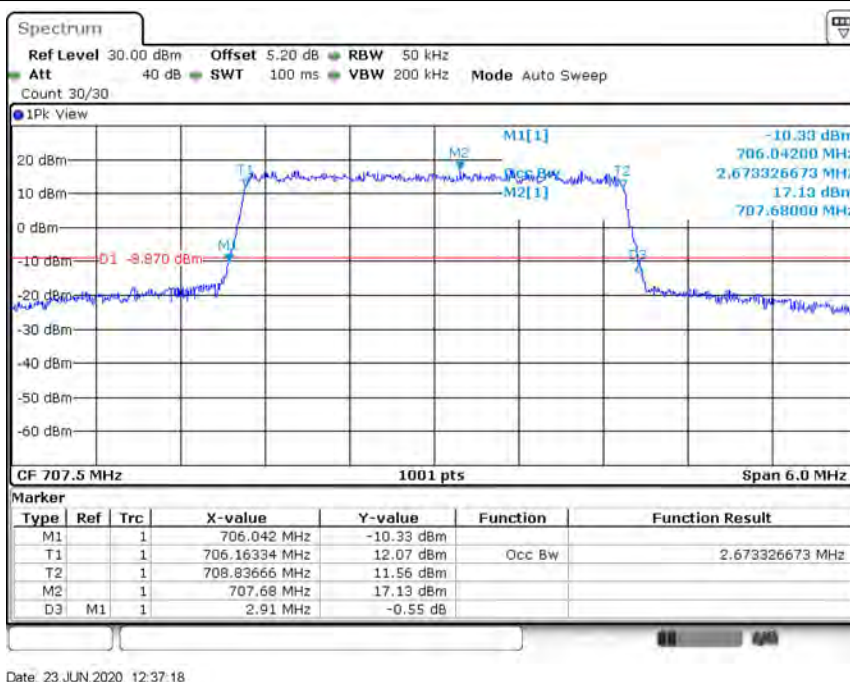


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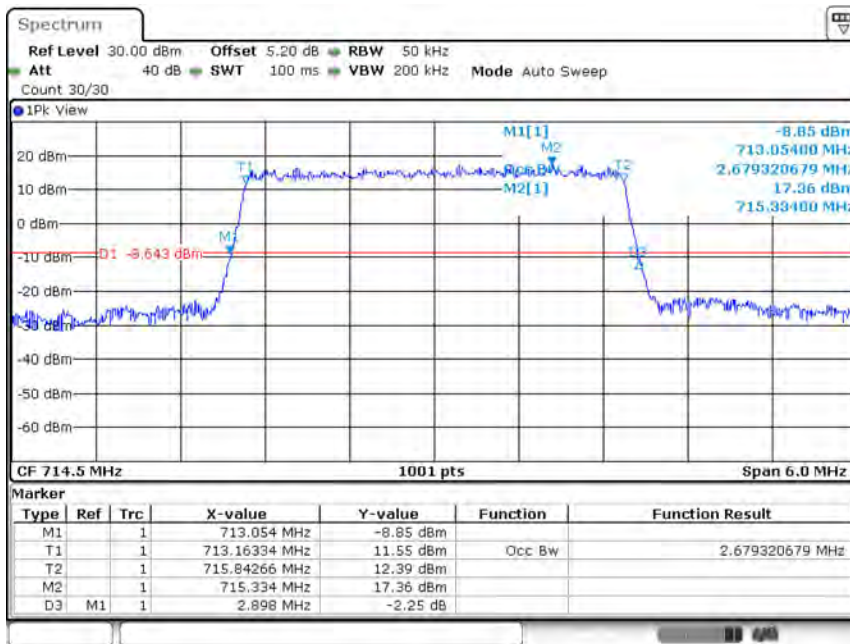
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Band12-3MHz-16QAM-23095-15RB#0-2.673

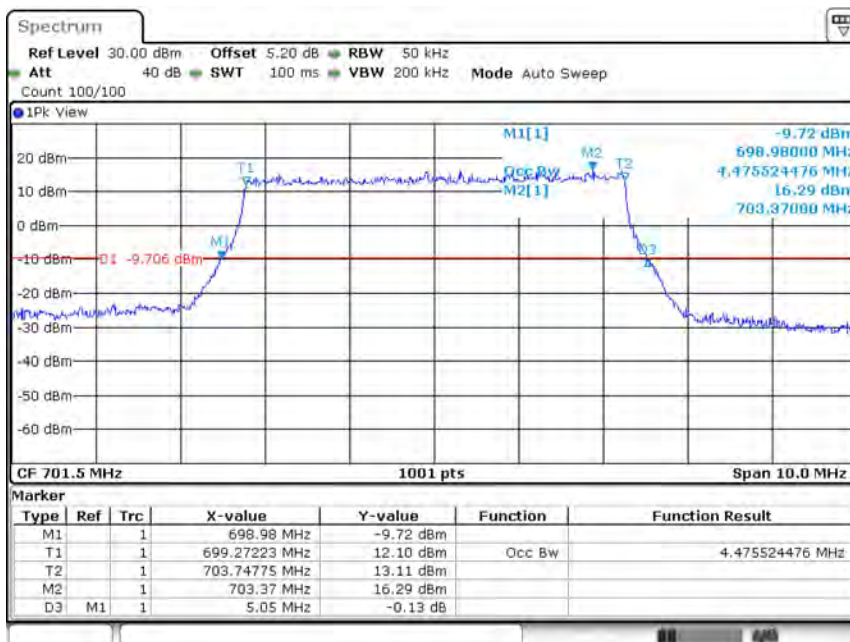


Band12-3MHz-16QAM-23165-15RB#0-2.679



Date: 23 JUN 2020 12:37:43

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



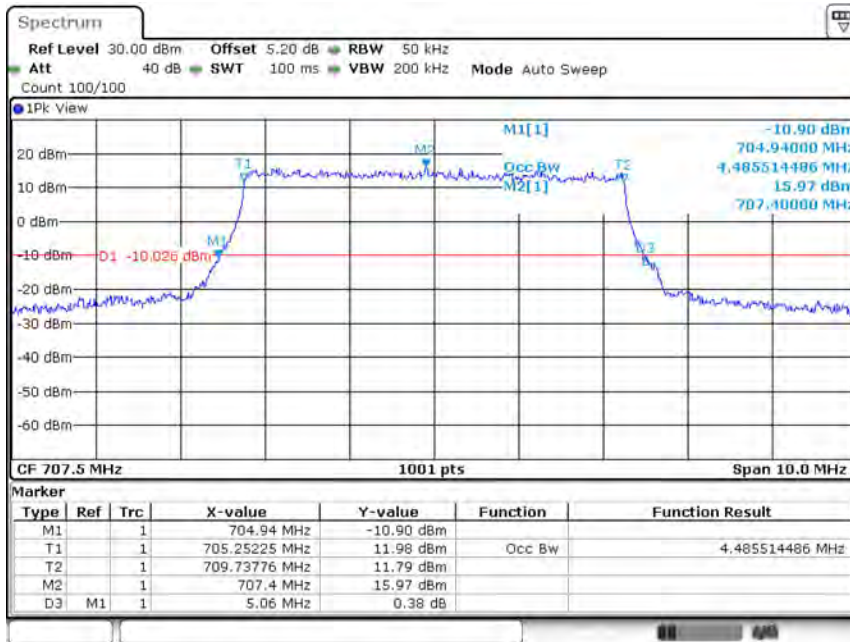
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Band12-5MHz-QPSK-23095-25RB#0-4.486



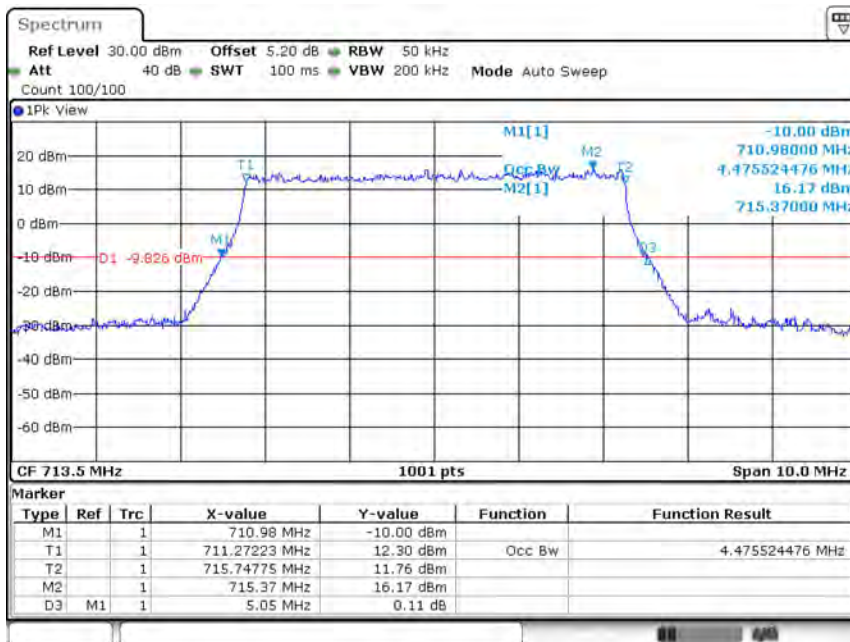
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Date: 23 JUN 2020 12:38:47

Band12-5MHz-QPSK-23155-25RB#0-4.476



Date: 23 JUN 2020 12:39:26

Band12-5MHz-64QAM-23035-25RB#0-4.486

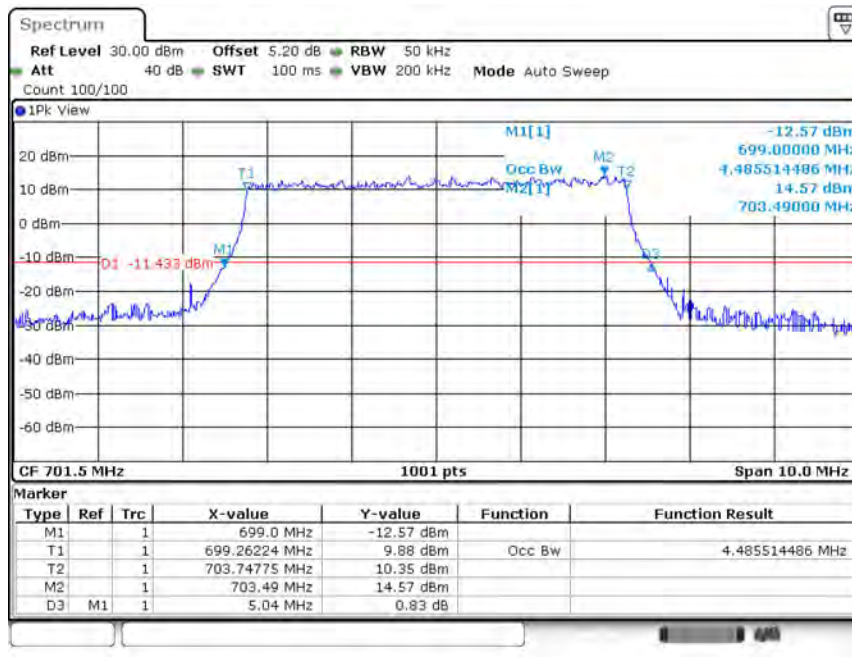


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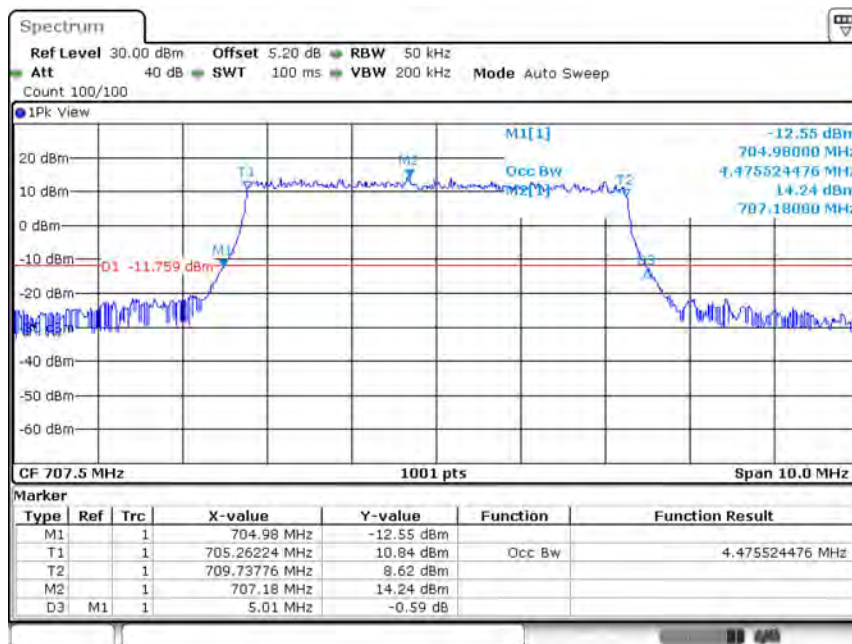
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Date: 24 JUN 2020 09:27:18

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



Date: 24 JUN 2020 09:27:38

Band12-5MHz-64QAM-23155-25RB#0-4.476



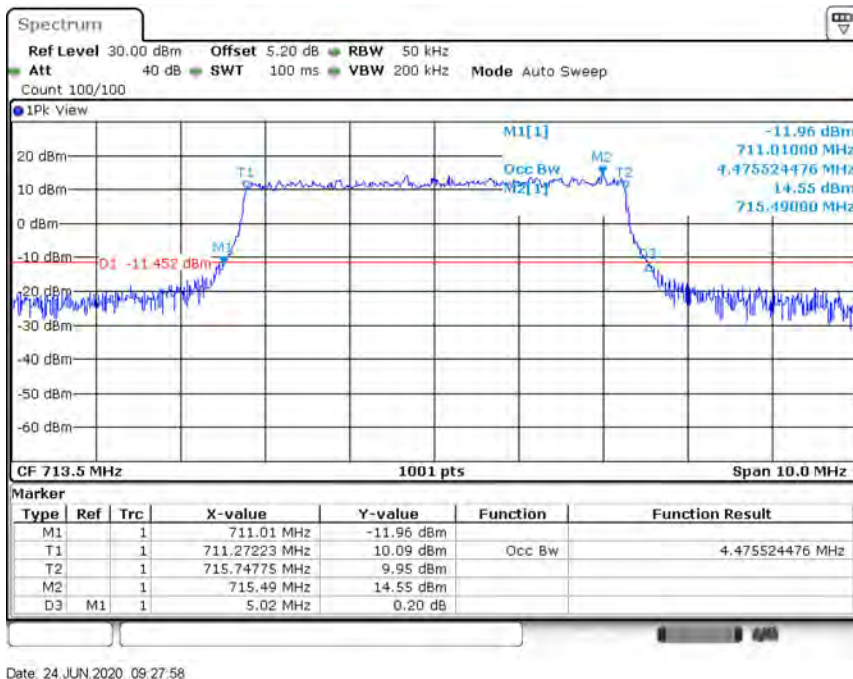
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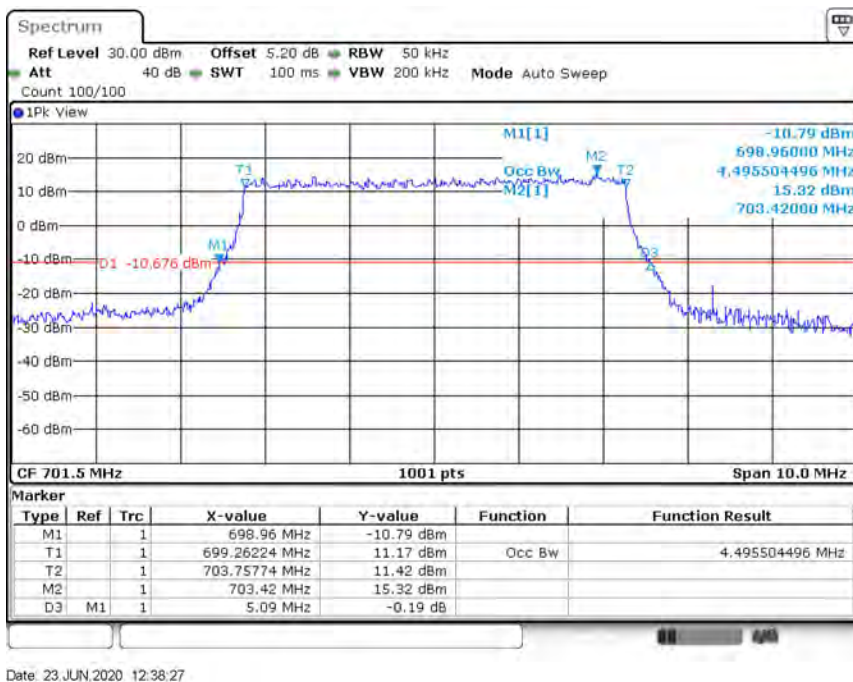
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Band12-5MHz-16QAM-23035-25RB#0-4.496

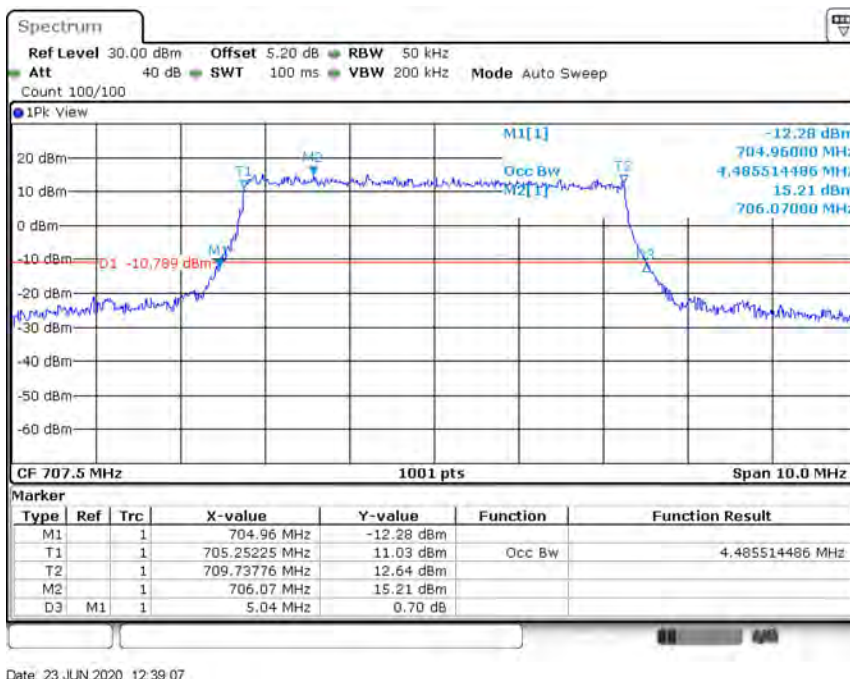


Band12-5MHz-16QAM-23095-25RB#0-4.486

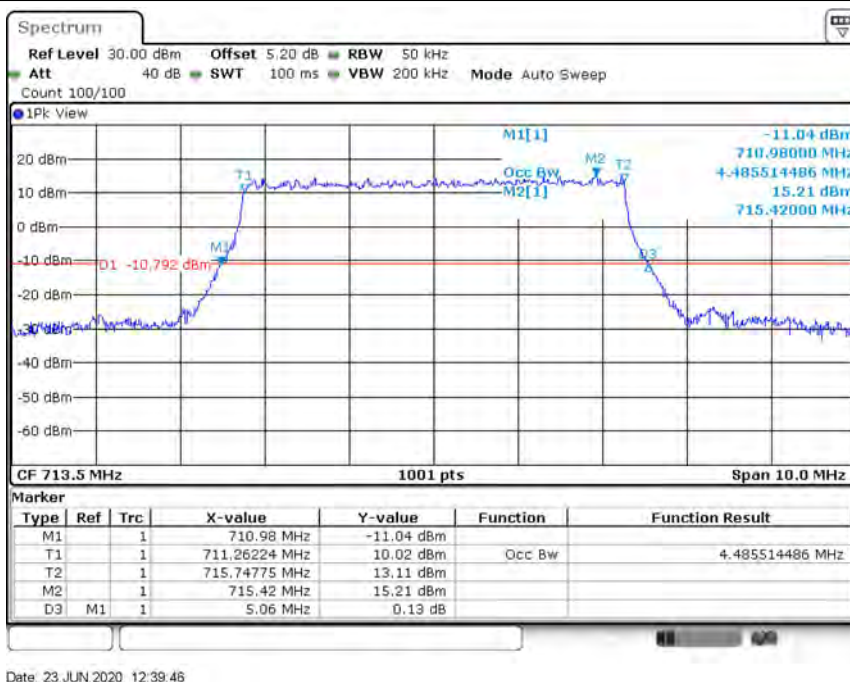


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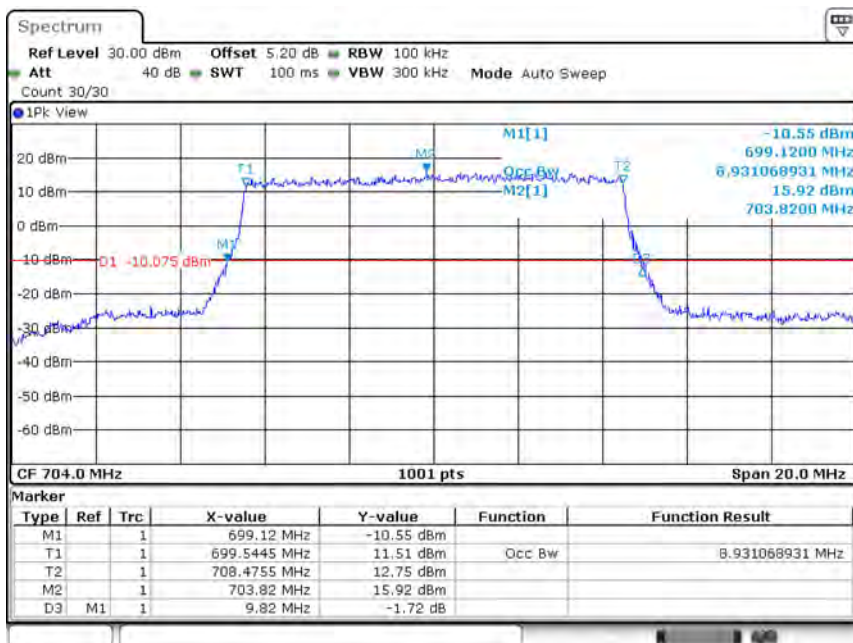
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Band12-5MHz-16QAM-23155-25RB#0-4.486

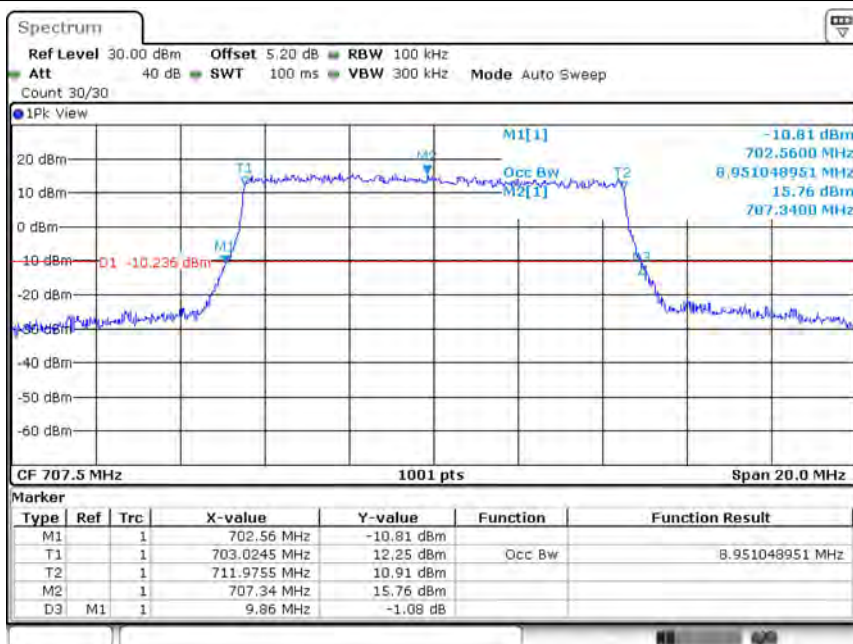


Band12-10MHz-QPSK-23060-50RB#0-8.931



Date: 23 JUN 2020 12:40:04

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



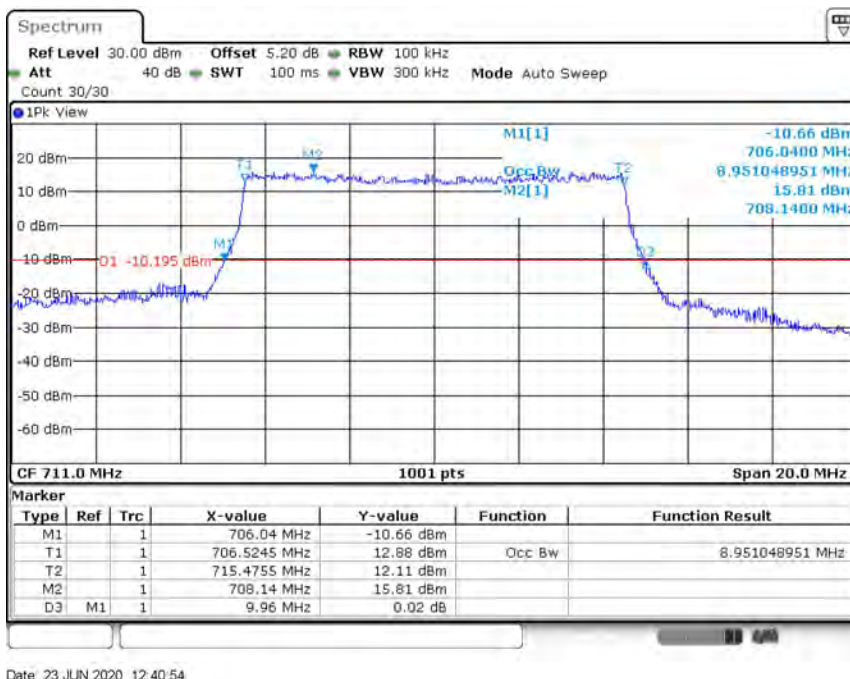
Date: 23 JUN 2020 12:40:29

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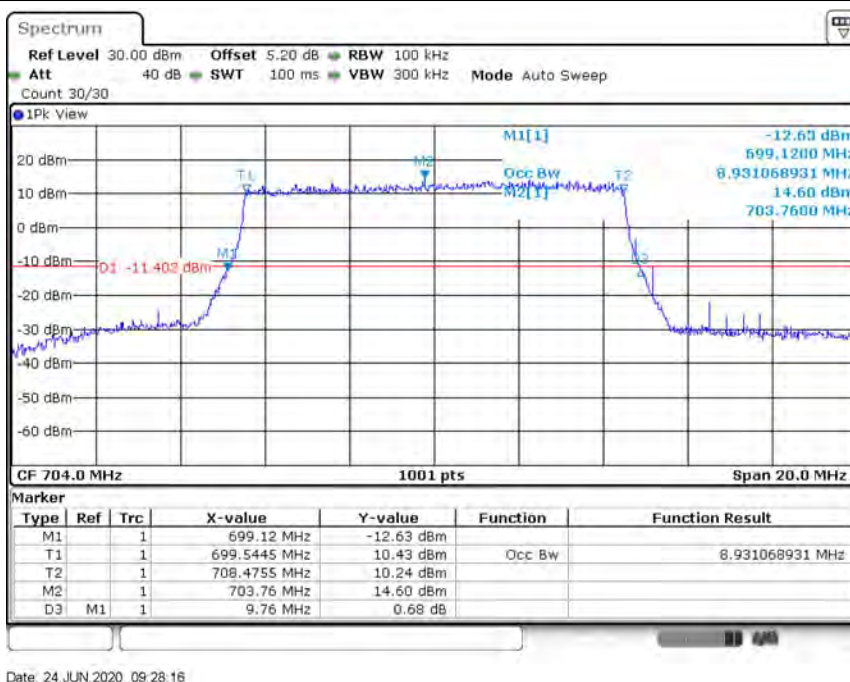


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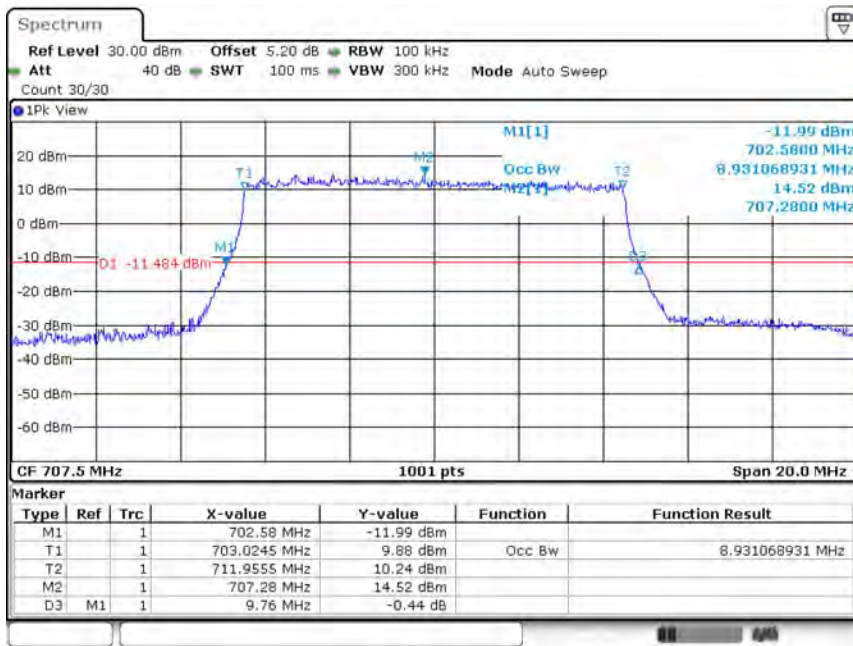


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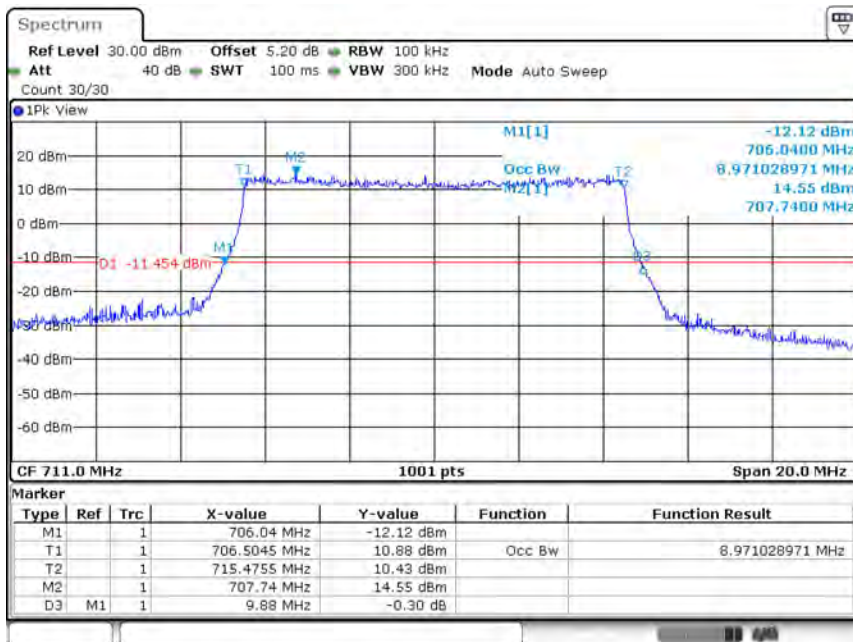
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Date: 24 JUN 2020 09:28:29

Band12-10MHz-64QAM-23130-50RB#0-8.971



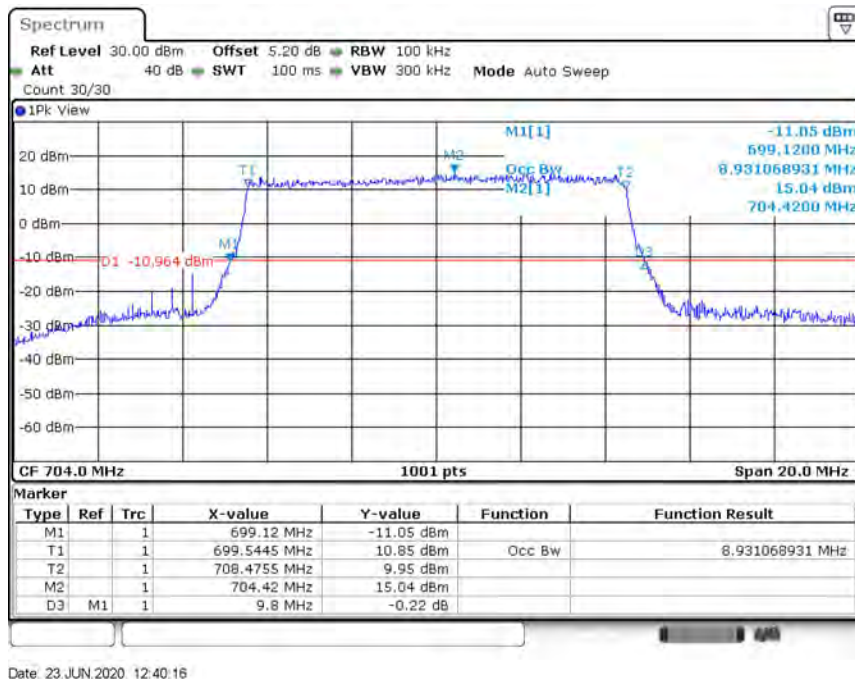
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Band12-10MHz-16QAM-23060-50RB#0-8.931

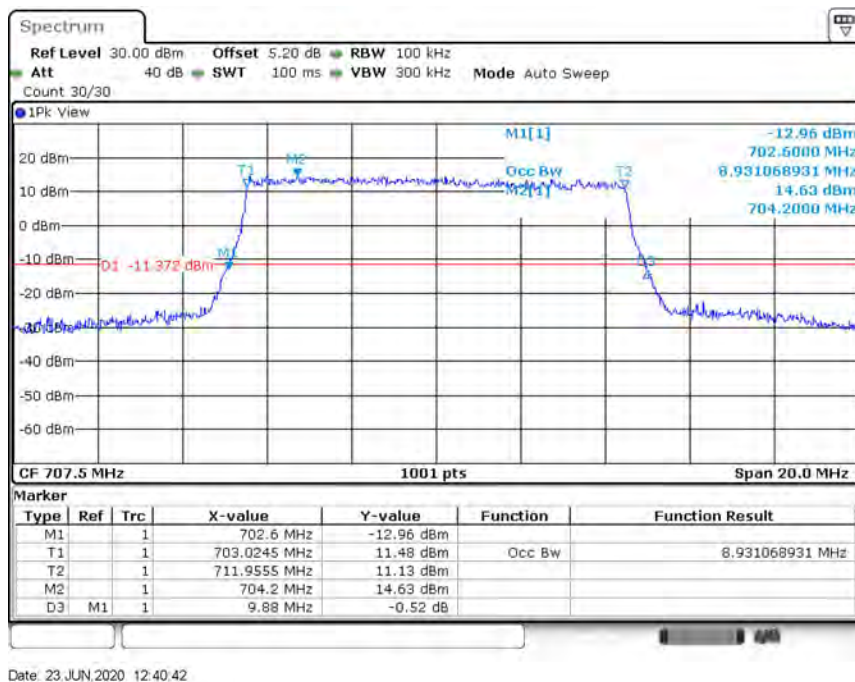


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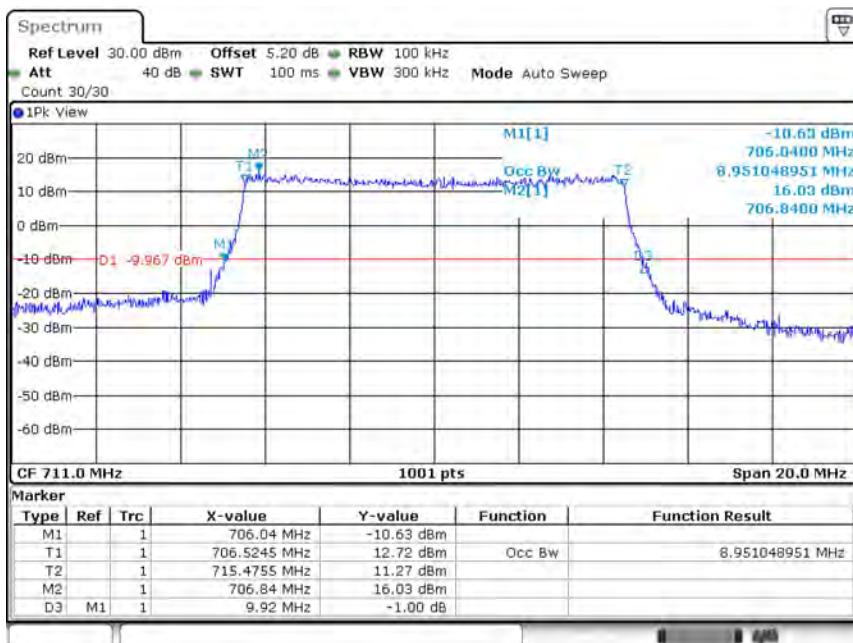
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Band12-10MHz-16QAM-23095-50RB#0-8.931



Band12-10MHz-16QAM-23130-50RB#0-8.951



Date: 23 JUN 2020 12:41:07



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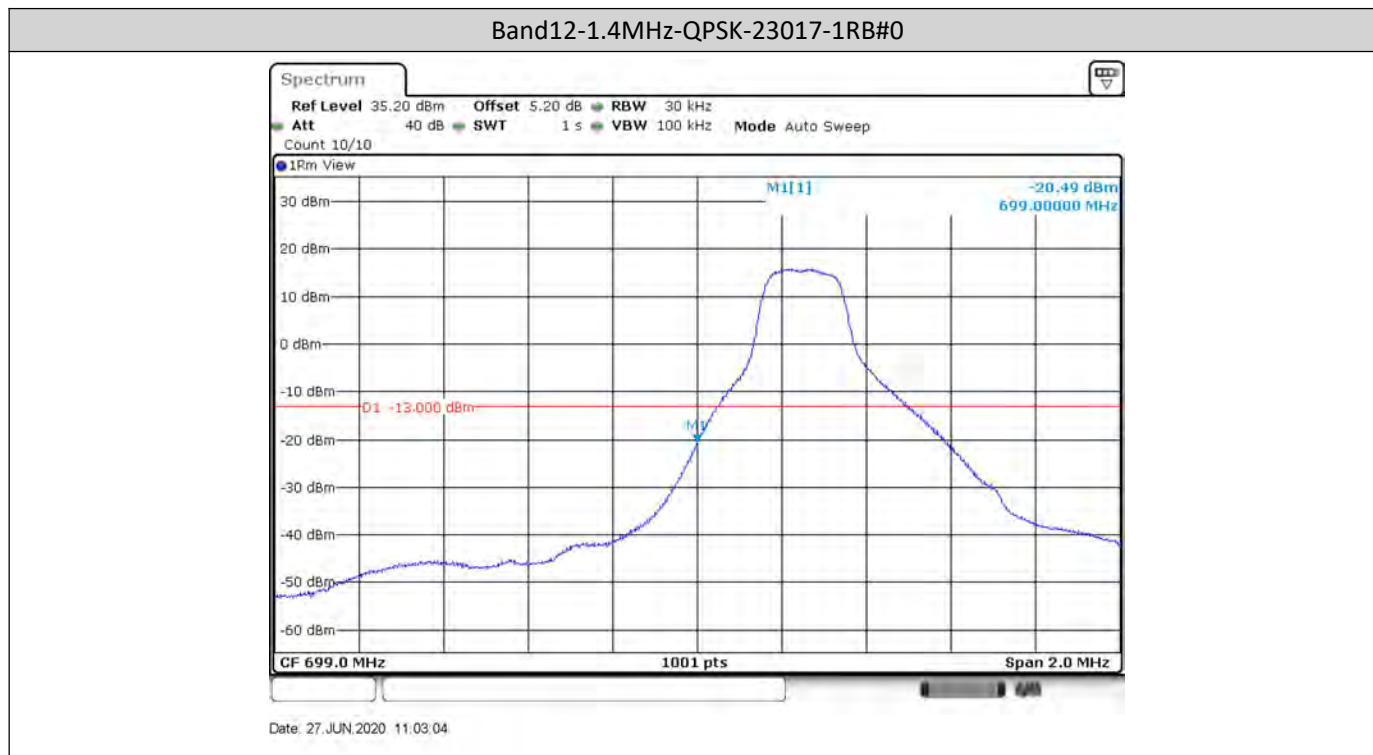
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Band12-1.4MHz-QPSK-23017-6RB#0



Date: 27 JUN 2020 11:03:45

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



Date: 27 JUN 2020 11:04:31

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



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Date: 27 JUN 2020 11:05:12

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



Date: 24 JUN 2020 09:29:07

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Date: 24 JUN 2020 09:29:28

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



Date: 24 JUN 2020 09:29:53

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



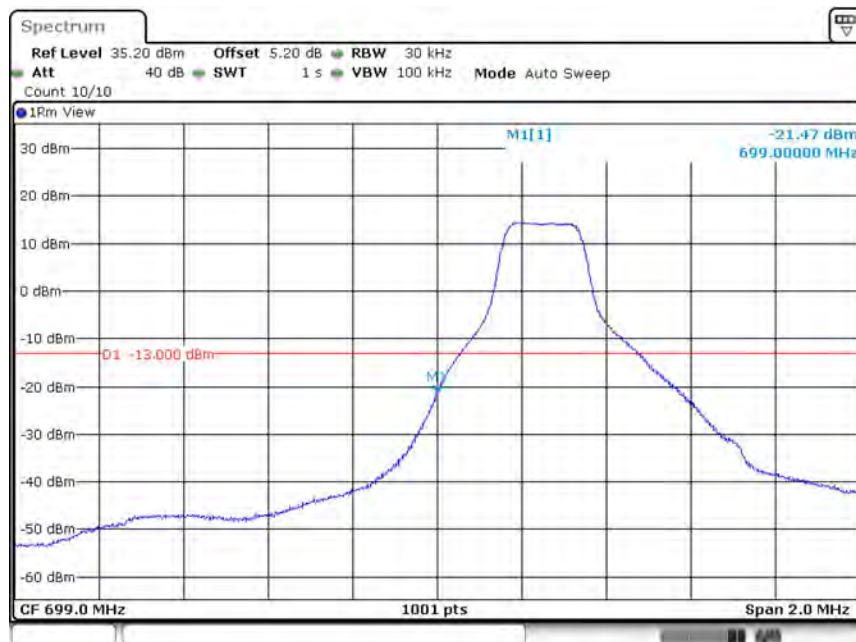
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Date: 24 JUN 2020 09:30:13

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



Date: 27 JUN 2020 11:03:25

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



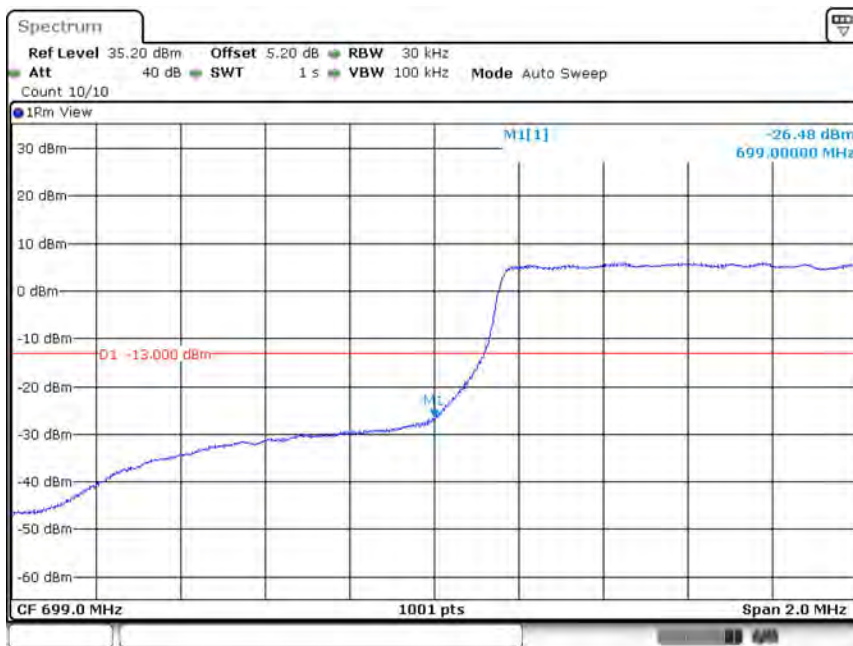
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Date: 27 JUN 2020 11:04:06

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



Date: 27 JUN 2020 11:04:51

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



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



Date: 27 JUN 2020 11:05:58

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



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Date: 27 JUN 2020 11:06:39

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



Date: 27 JUN 2020 11:07:24

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



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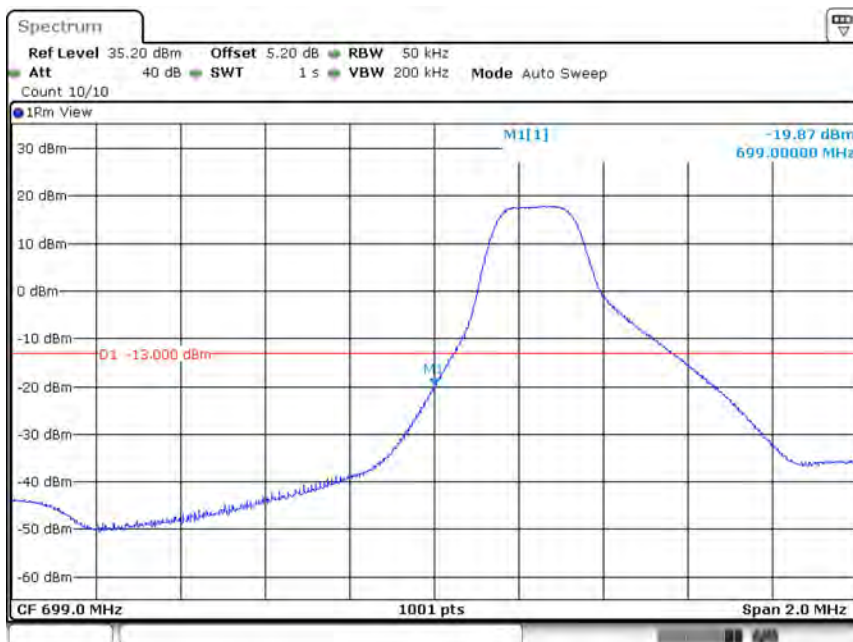
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Band12-3MHz-64QAM-23025-1RB#0



Date: 24 JUN 2020 09:30:39

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



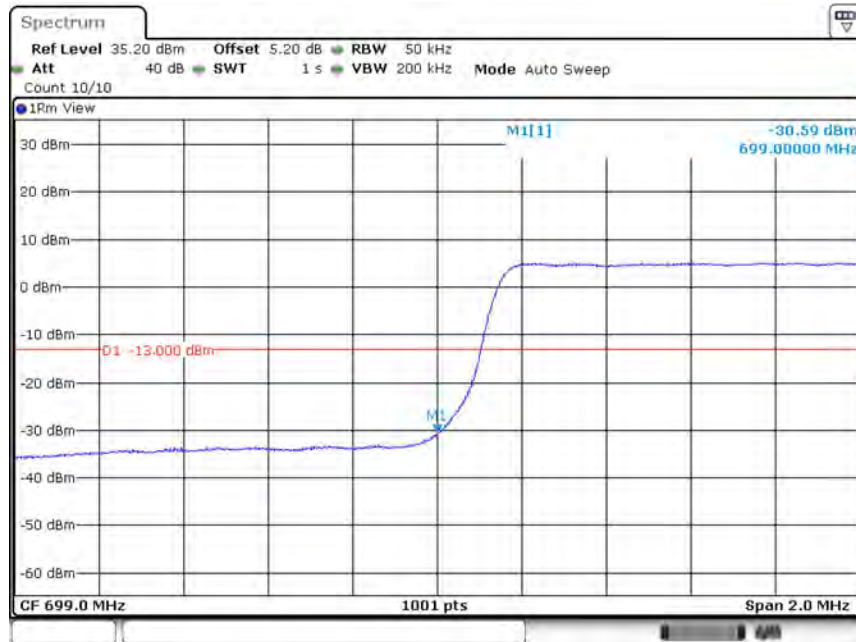
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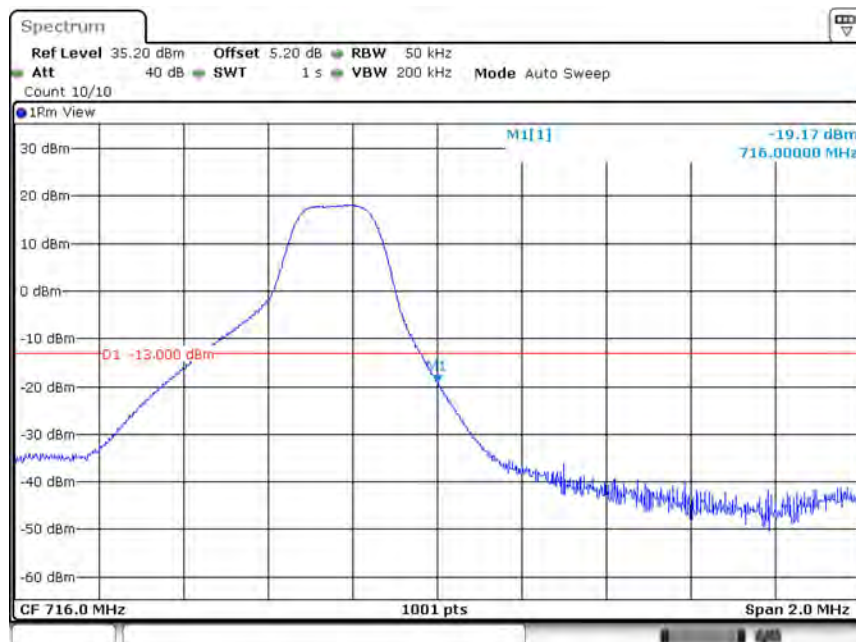
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Date: 24 JUN 2020 09:31:25

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



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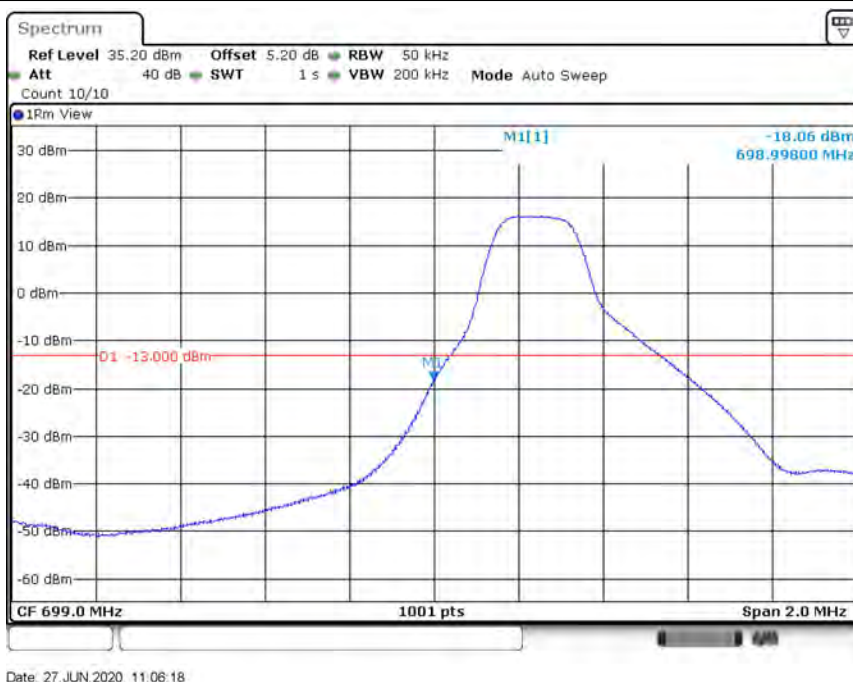
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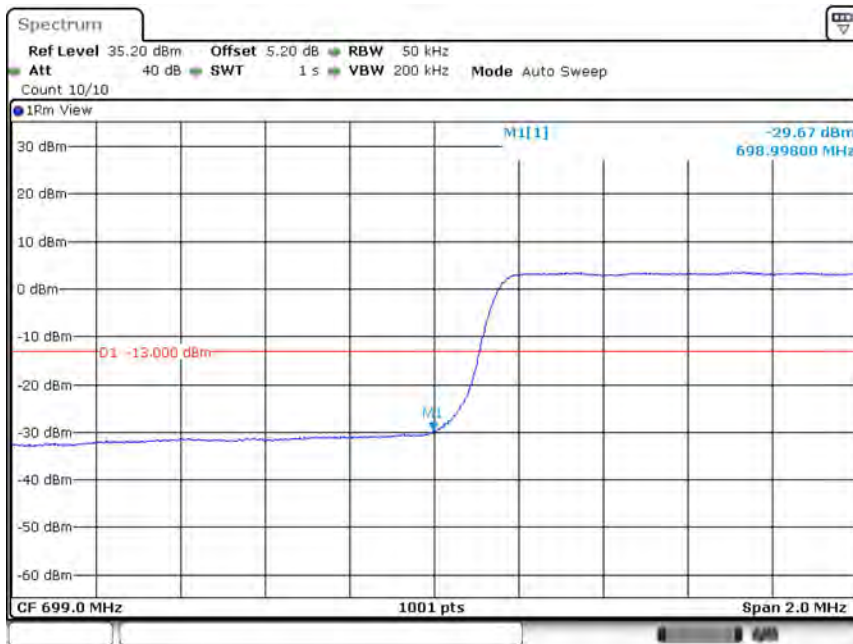


Band12-3MHz-16QAM-23025-1RB#0



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





Date: 27 JUN 2020 11:06:59

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



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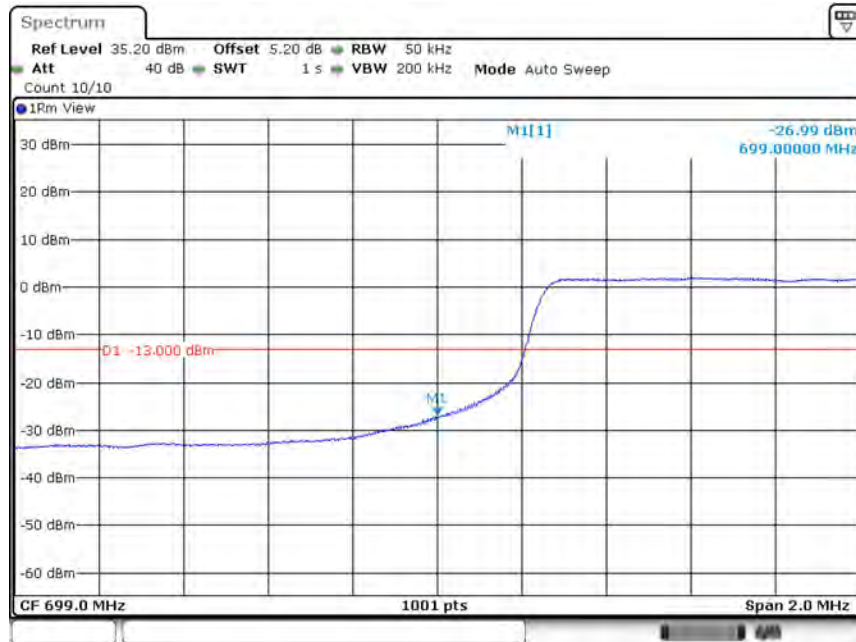
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Date: 27 JUN 2020 11:09:33

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



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Date: 26 JUL 2020 10:49:04

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





Date: 27 JUN.2020 11:15:02

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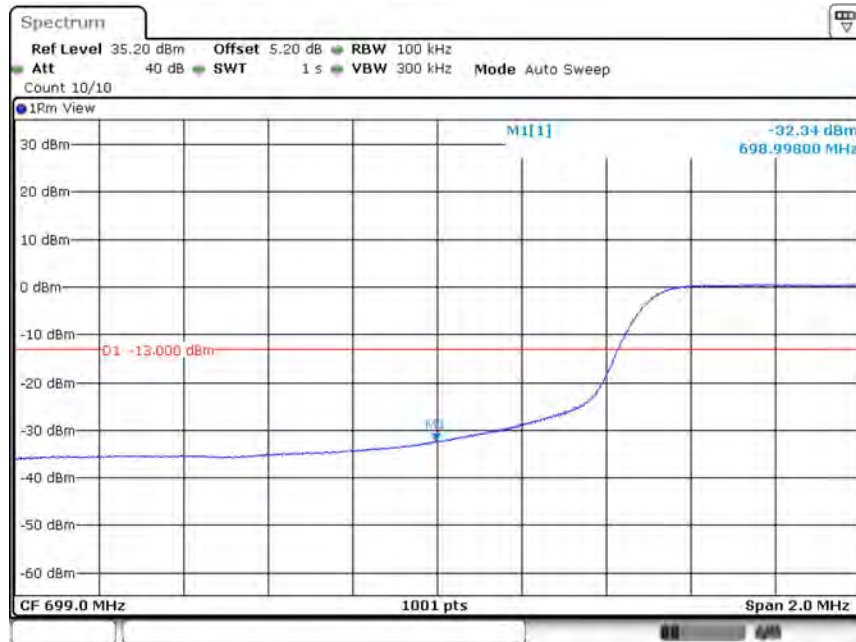
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Date: 27 JUN 2020 11:16:09

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



Date: 27 JUN 2020 11:16:54

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



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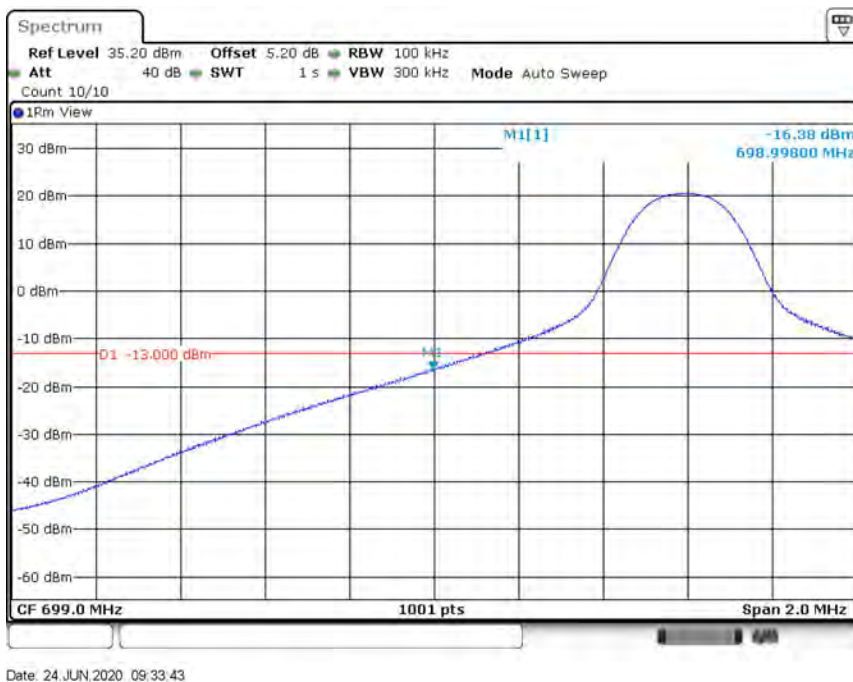
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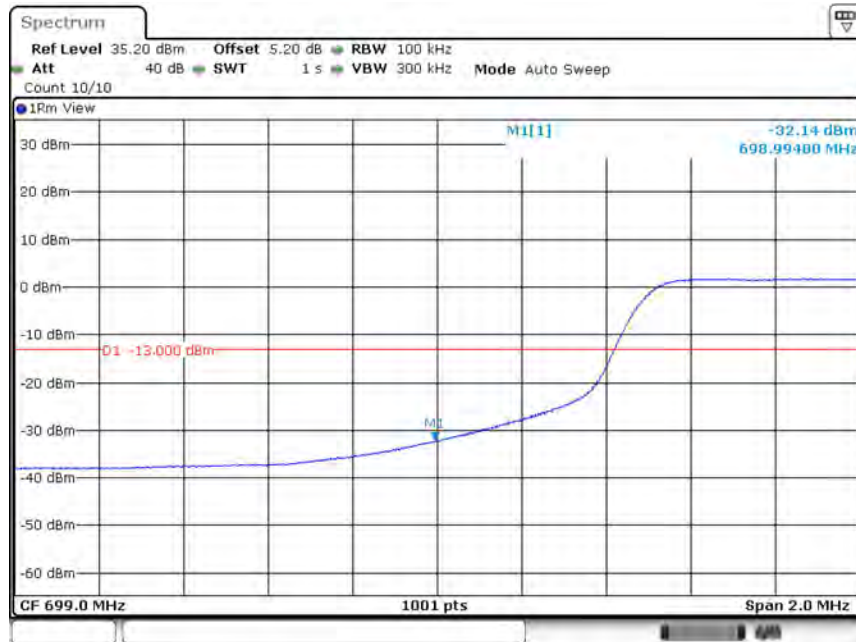


Band12-10MHz-64QAM-23060-1RB#0



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





Date: 24 JUN.2020 09:34:03

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



Date: 24 JUN.2020 09:34:29

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



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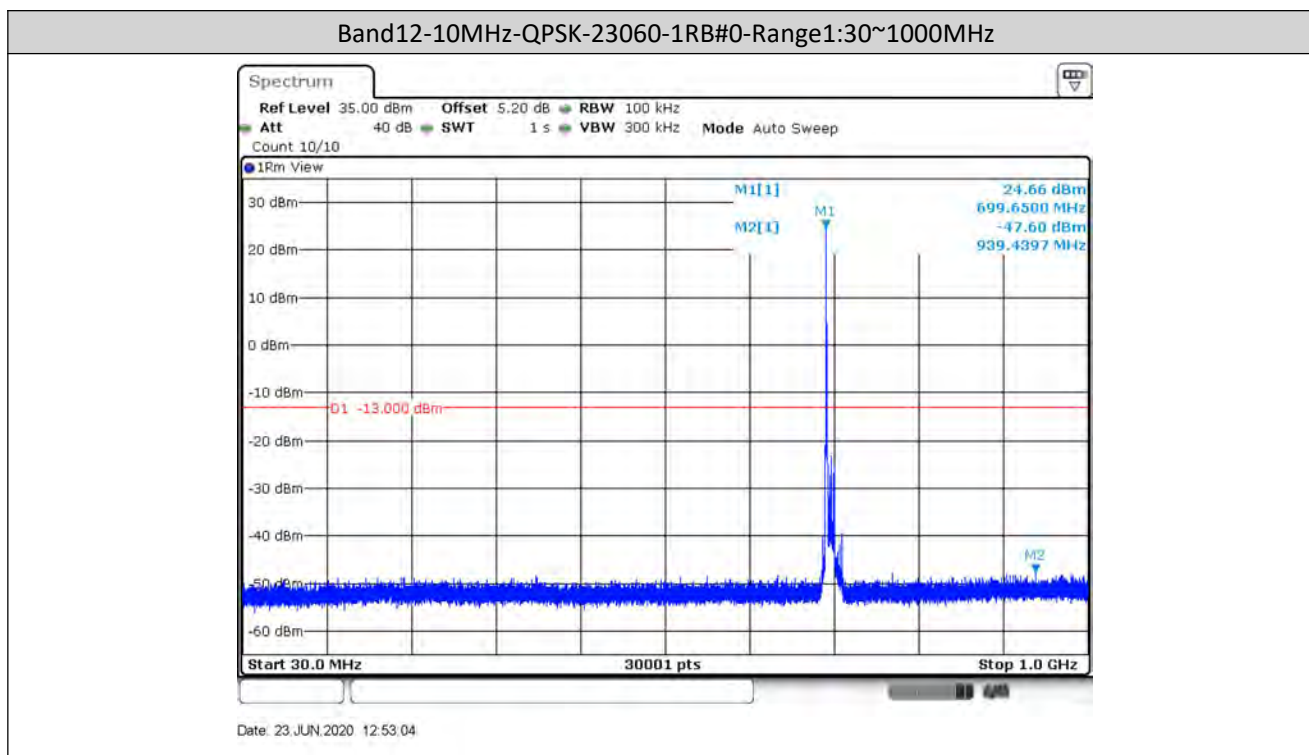
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6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots



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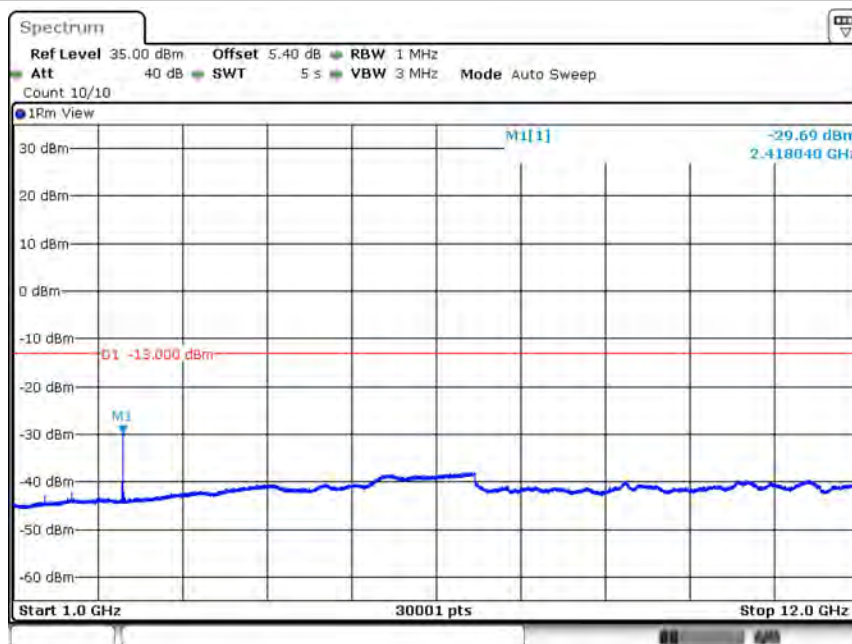
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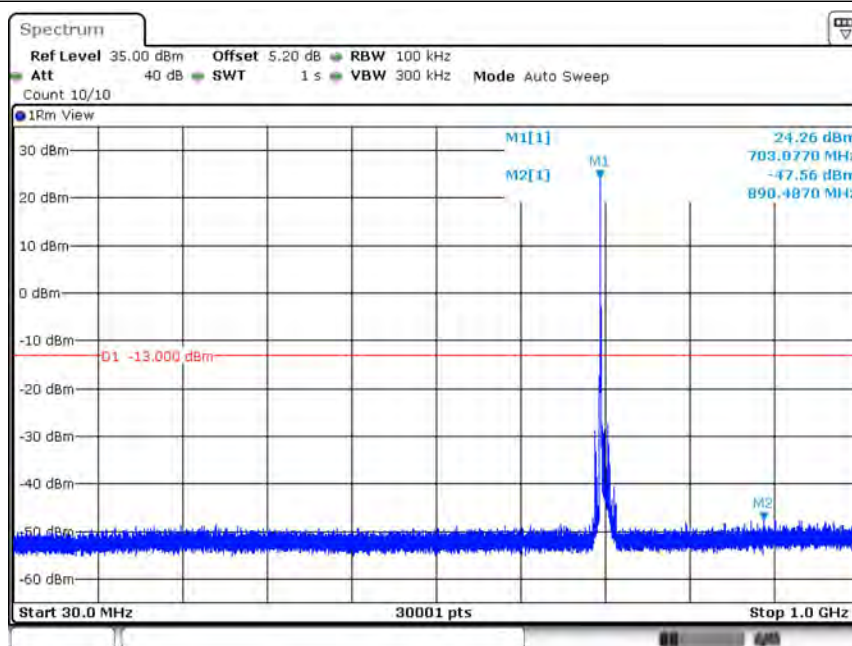


Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~12000MHz



Date: 23 JUN 2020 12:54:11

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

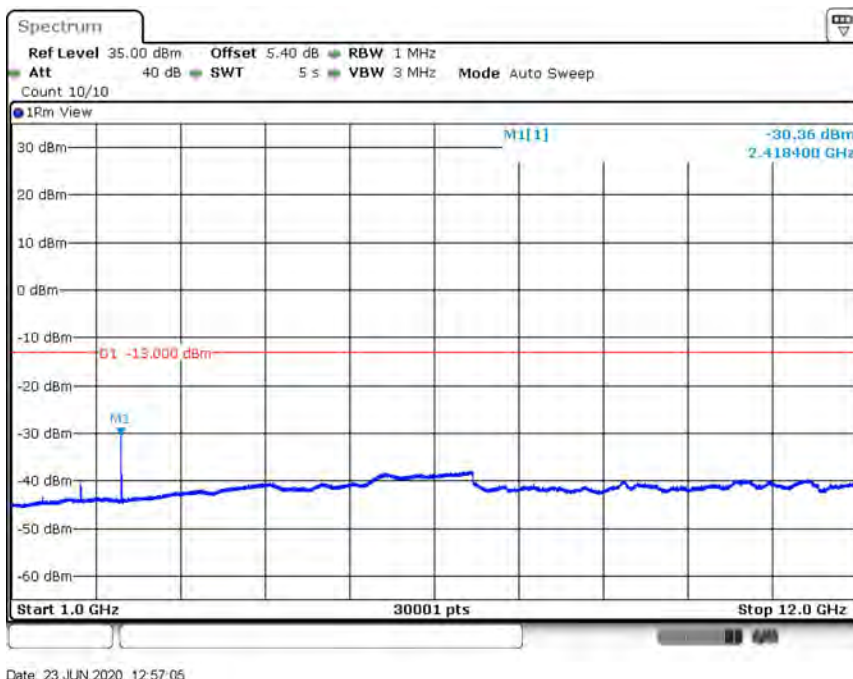


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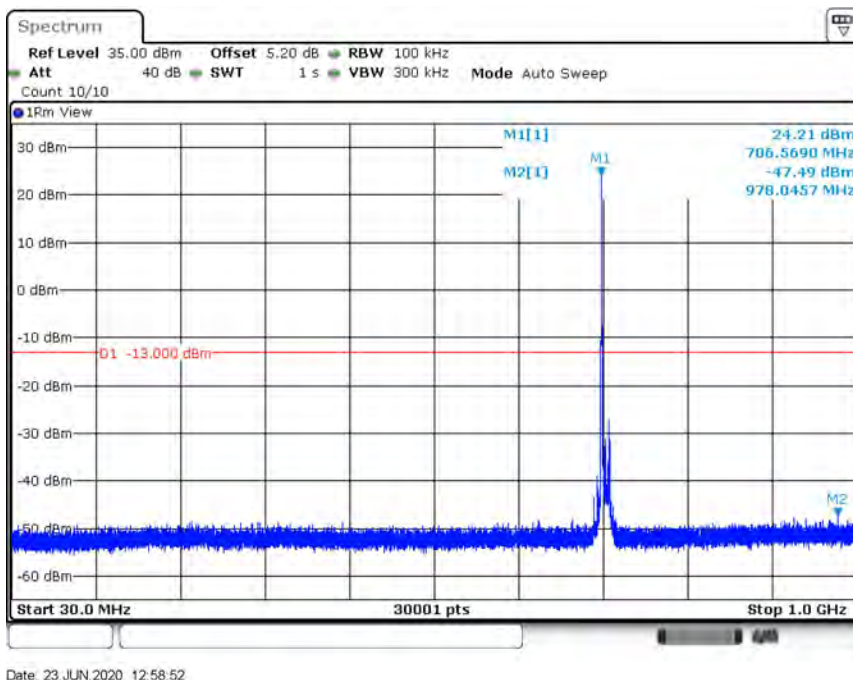
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~12000MHz



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

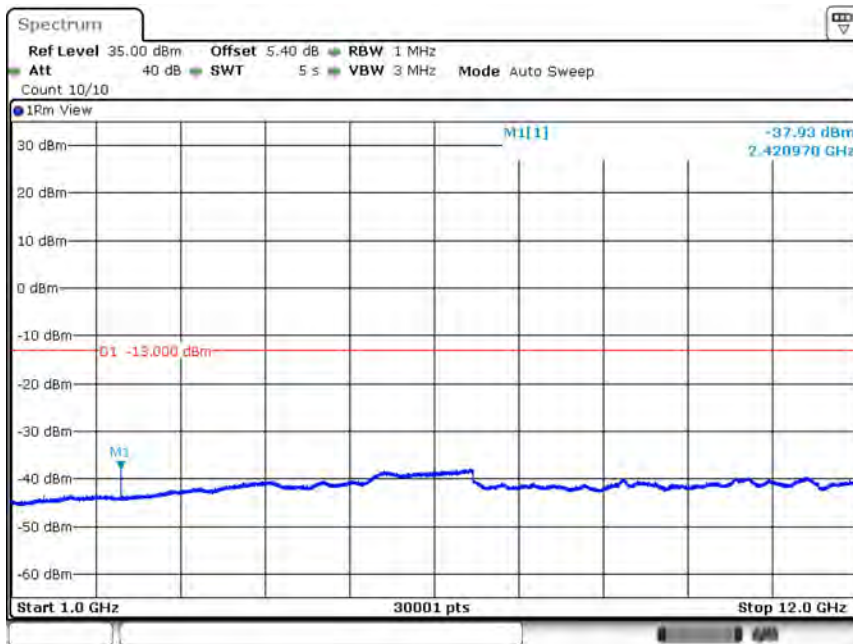


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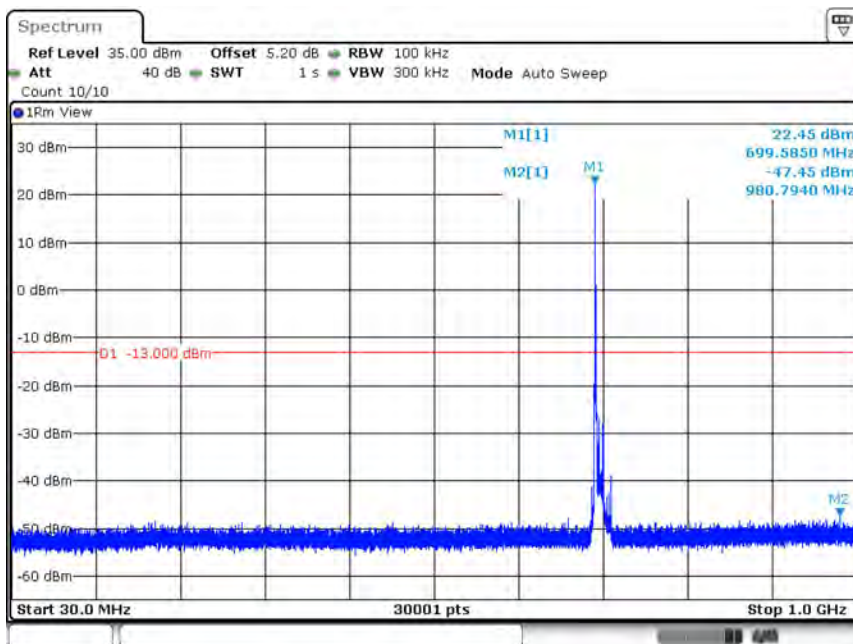


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Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz

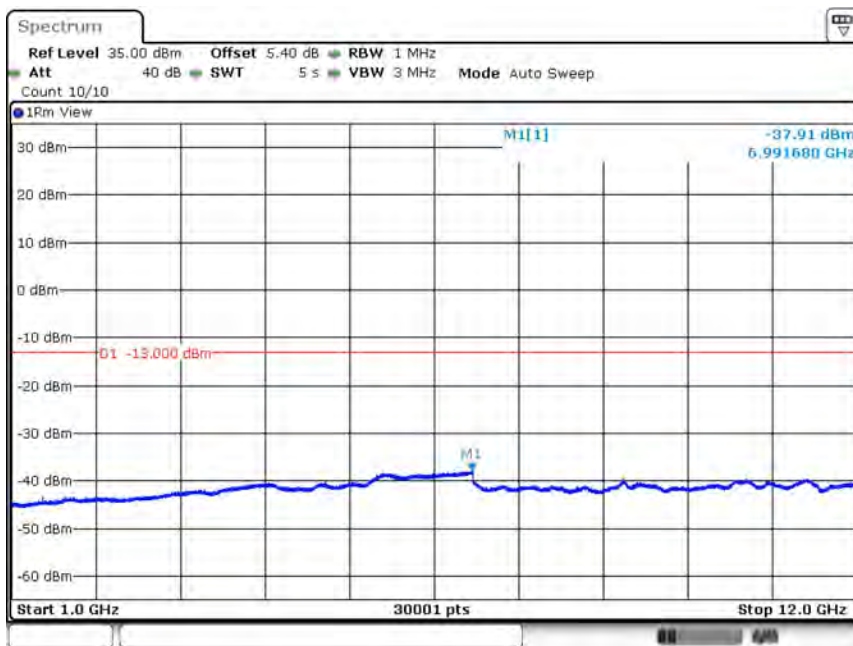


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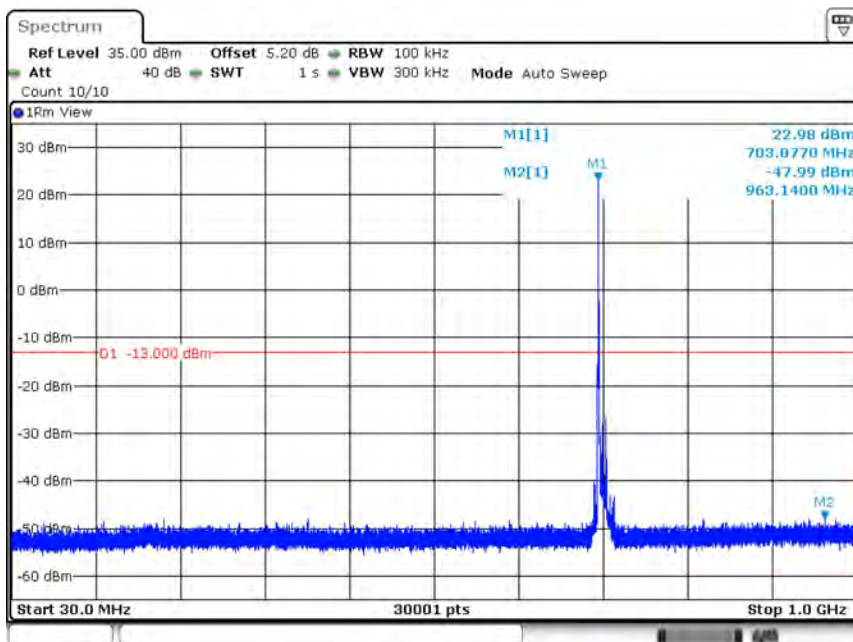
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Band12-10MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Date: 24 JUN 2020 09:36:41

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

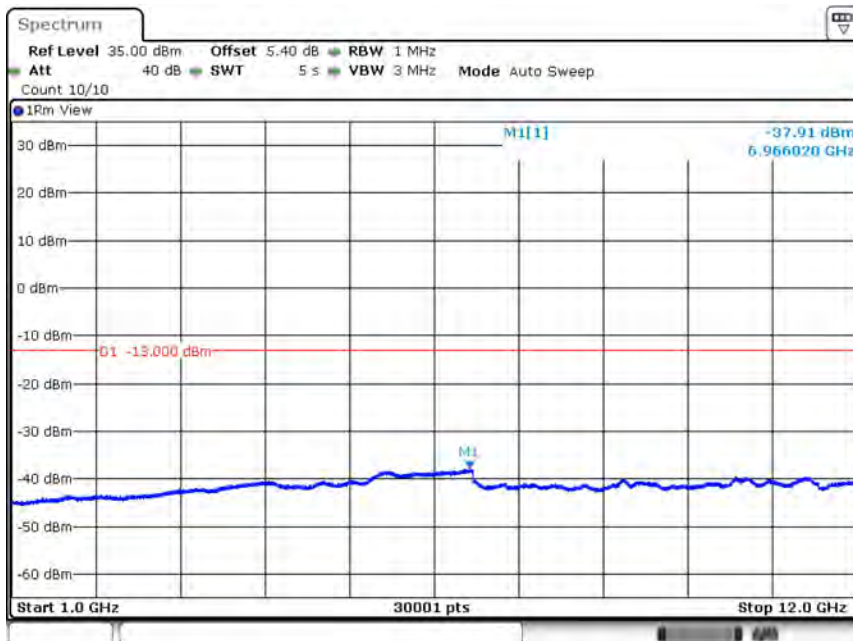


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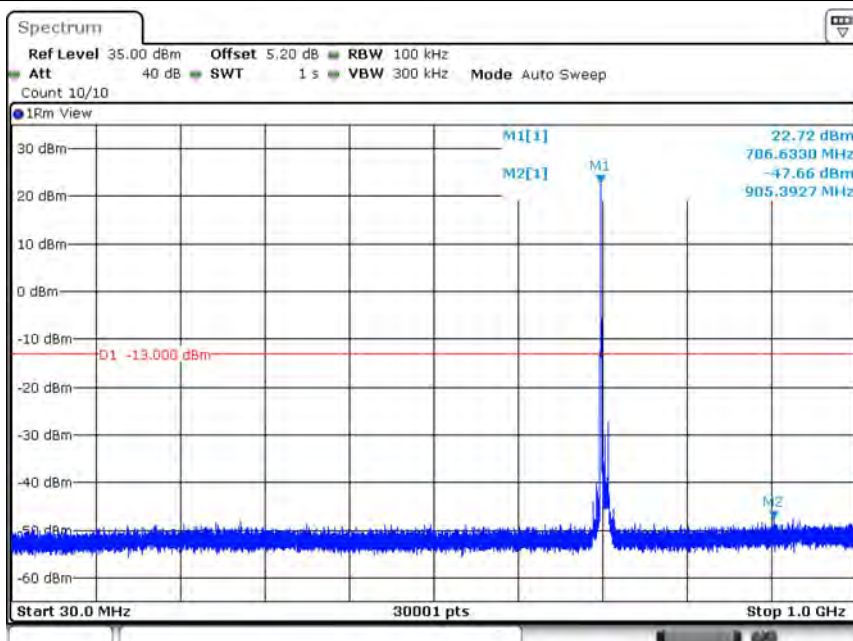
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Date: 24 JUN 2020 09:37:48

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



Date: 24 JUN 2020 09:38:08

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



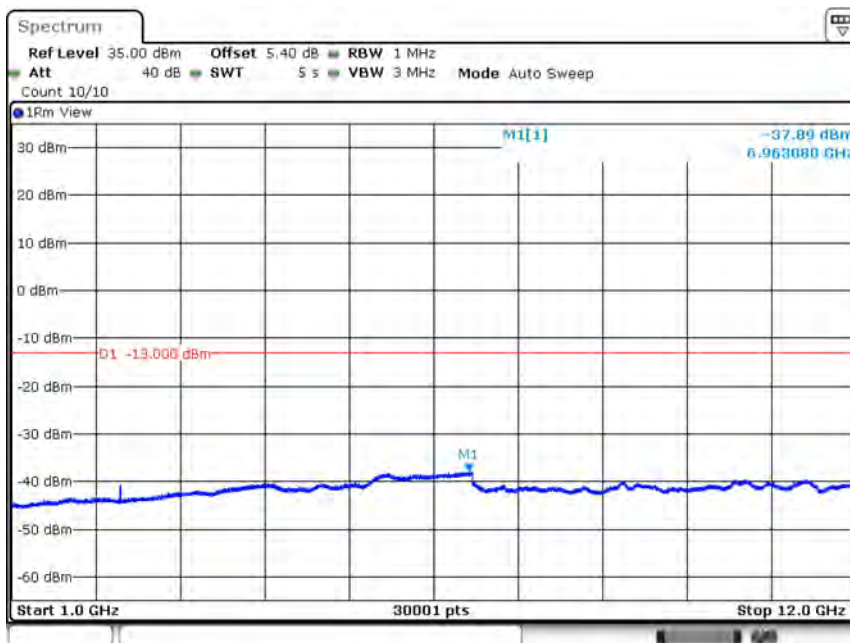
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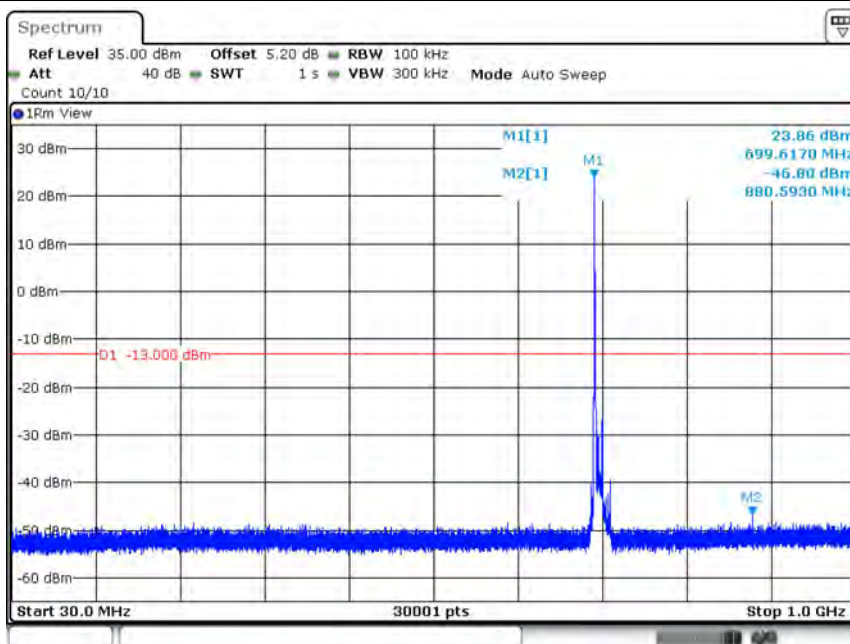
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Date: 23 JUN 2020 12:54:31

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



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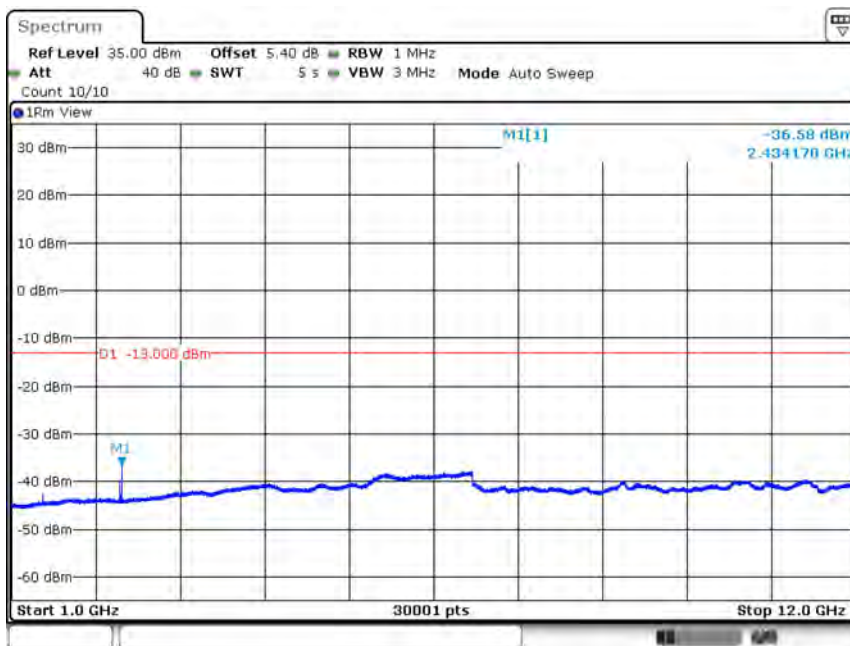
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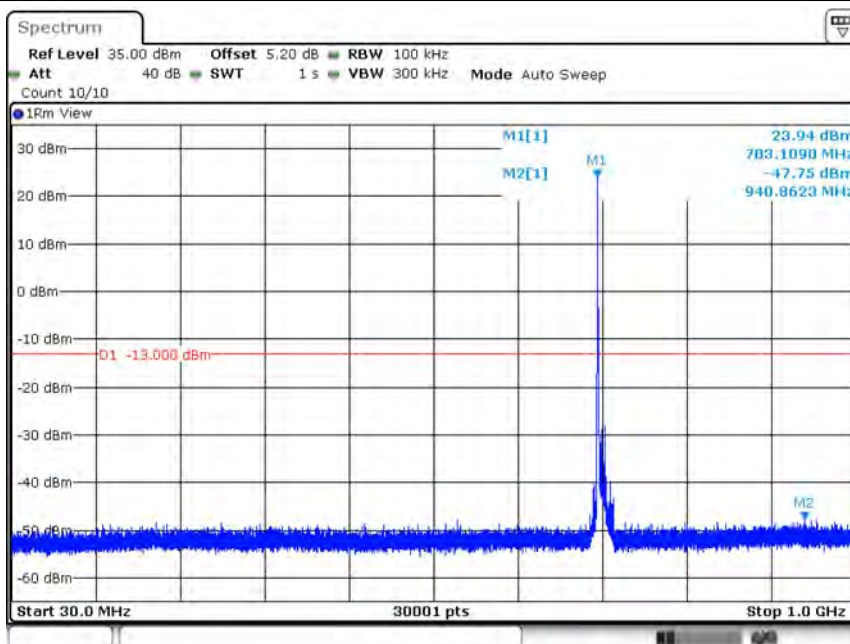
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Date: 23 JUN 2020 12:57:25

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



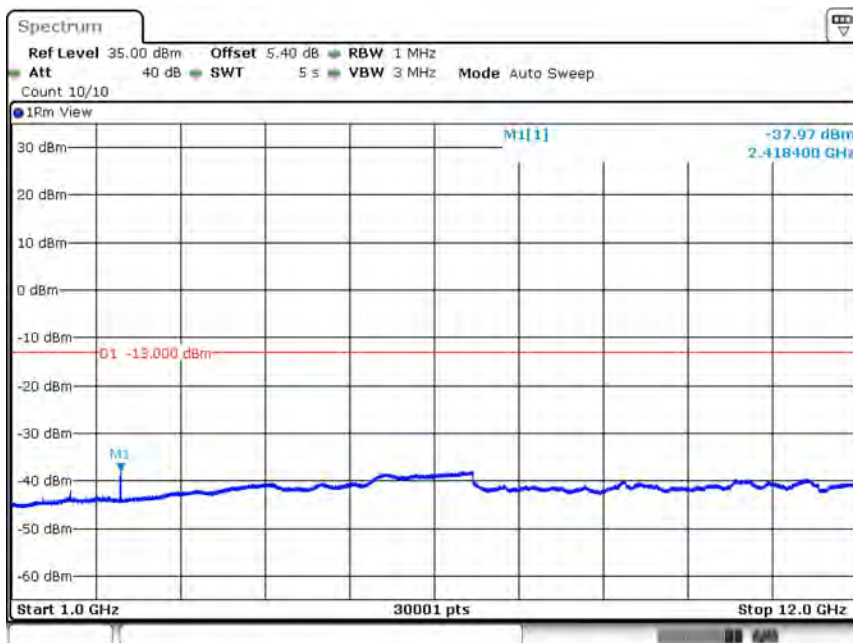
SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

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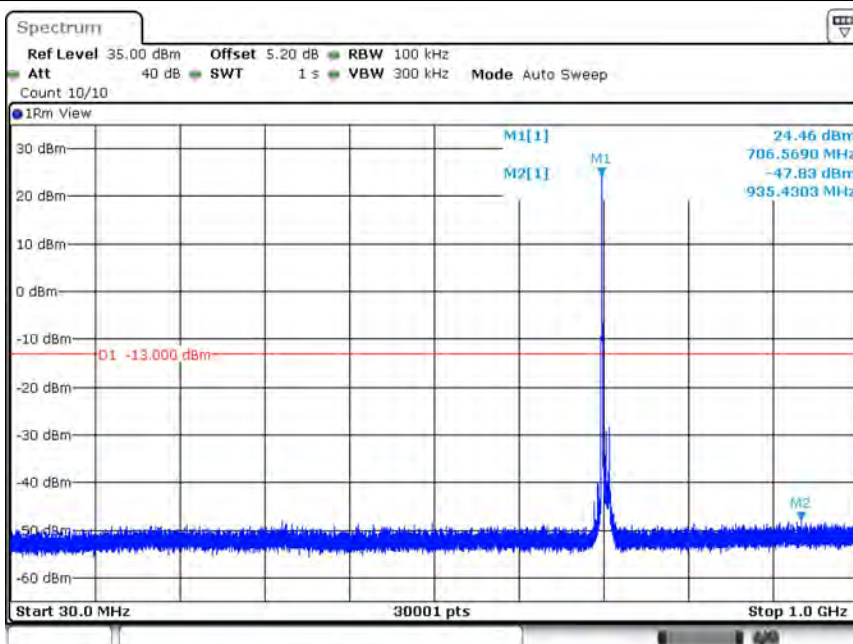
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Date: 23 JUN 2020 12:58:32

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



Date: 23 JUN 2020 13:00:19

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

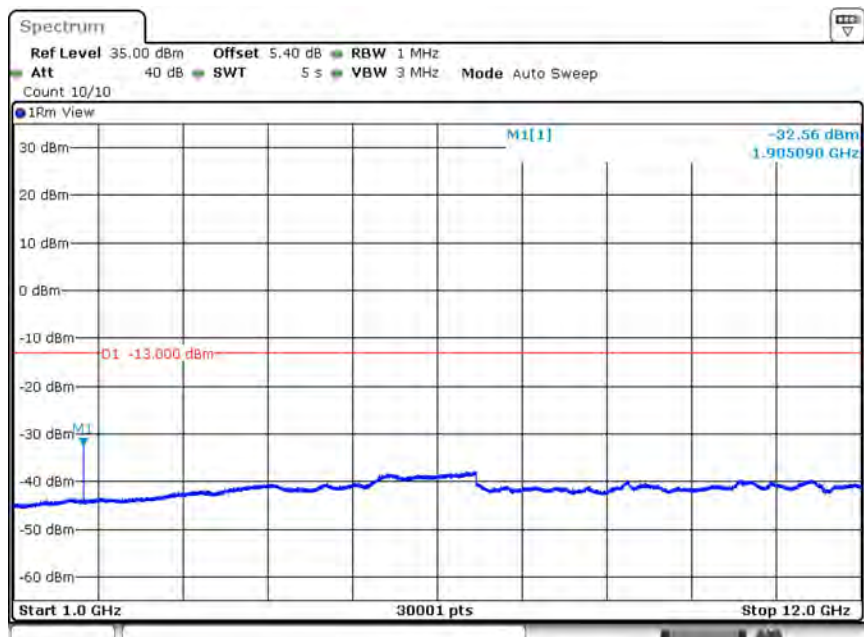


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Date: 23 JUN 2020 13:01:26



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_Band=12 BW=10MHz_TM1

7.1.1. Test Channel = 23060

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.7932	-71.05	-64.04	-13.00	51.04	258	346	Horizontal
2	434.0252	-70.80	-67.68	-13.00	54.68	296	346	Horizontal
3	1398.8798	-54.08	-51.95	-13.00	38.95	123	330	Horizontal
4	2098.6197	-59.04	-51.30	-13.00	38.30	251	164	Horizontal
5	9326.0530	-58.31	-52.62	-13.00	39.62	177	132	Horizontal
6	16402.7361	-56.39	-42.01	-13.00	29.01	164	197	Horizontal



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7.2. Test Band = LTE_Band=12 BW=10MHz_TM1

7.2.1. Test Channel = 23060

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	112.5996	-71.70	-65.52	-13.00	52.52	225	283	Vertical
2	461.4291	-71.24	-66.93	-13.00	53.93	174	325	Vertical
3	1398.8798	-59.71	-57.08	-13.00	44.08	196	224	Vertical
4	2099.0198	-63.86	-56.14	-13.00	43.14	231	135	Vertical
5	14483.8594	-59.26	-46.88	-13.00	33.88	262	197	Vertical
6	17998.8000	-57.13	-39.28	-13.00	26.28	215	218	Vertical



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7.3. Test Band = LTE_Band=12 BW=10MHz_TM1

7.3.1. Test Channel = 23095

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.7304	-70.80	-64.46	-13.00	51.46	258	47	Horizontal
2	444.5017	-70.66	-67.37	-13.00	54.37	157	283	Horizontal
3	1406.0812	-52.22	-50.00	-13.00	37.00	231	233	Horizontal
4	2109.4219	-58.68	-50.84	-13.00	37.84	261	166	Horizontal
5	9329.0532	-58.25	-52.59	-13.00	39.59	194	218	Horizontal
6	16398.5359	-56.64	-42.22	-13.00	29.22	231	325	Horizontal



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7.4. Test Band = LTE_Band=12 BW=10MHz_TM1

7.4.1. Test Channel = 23095

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	112.7936	-71.35	-65.19	-13.00	52.19	158	111	Vertical
2	522.9301	-71.09	-66.22	-13.00	53.22	213	154	Vertical
3	1406.0812	-57.50	-54.81	-13.00	41.81	261	215	Vertical
4	2109.4219	-62.56	-54.71	-13.00	41.71	174	138	Vertical
5	14707.6683	-59.05	-46.94	-13.00	33.94	185	26	Vertical
6	17997.5999	-56.74	-38.92	-13.00	25.92	231	283	Vertical



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7.5. Test Band = LTE_Band=12 BW=10MHz _TM1

7.5.1. Test Channel = 23130

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	44.3567	-70.66	-63.67	-13.00	50.67	174	260	Horizontal
2	234.0497	-70.82	-68.01	-13.00	55.01	185	47	Horizontal
3	1412.8826	-51.55	-49.24	-13.00	36.24	196	0	Horizontal
4	2119.8240	-56.97	-49.03	-13.00	36.03	231	156	Horizontal
5	9350.6540	-58.26	-52.80	-13.00	39.80	262	154	Horizontal
6	16397.3359	-56.46	-42.06	-13.00	29.06	254	154	Horizontal



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7.6. Test Band = LTE_Band=12 BW=10MHz_TM1

7.6.1. Test Channel = 23130

Suspected Data List

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	110.3685	-71.16	-64.78	-13.00	51.78	158	68	Vertical
2	535.7348	-70.42	-65.41	-13.00	52.41	196	349	Vertical
3	1412.8826	-58.59	-55.83	-13.00	42.83	213	227	Vertical
4	2119.8240	-62.27	-54.29	-13.00	41.29	261	166	Vertical
5	14708.8684	-58.71	-46.61	-13.00	33.61	174	240	Vertical
6	17999.4000	-56.62	-38.76	-13.00	25.76	159	176	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	-2.60	-0.003693	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-6.80	-0.009659	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-10.70	-0.015124	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-3.20	-0.004523	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-8.10	-0.011449	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-9.10	-0.012799	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-1.60	-0.002250	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-4.60	-0.006470	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	-3.60	-0.005114	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	-6.60	-0.009375	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	-4.70	-0.006676	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	-0.60	-0.000848	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	-5.70	-0.008057	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	-4.80	-0.006784	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-9.60	-0.013502	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-5.10	-0.007173	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-7.60	-0.010795	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-4.80	-0.006818	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-7.10	-0.010085	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-8.60	-0.012155	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-3.00	-0.004240	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-1.00	-0.001413	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-10.30	-0.014487	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	0.70	0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-10.40	-0.014627	±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	-5.40	-0.007670	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-6.60	-0.009375	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-4.50	-0.006392	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-4.20	-0.005966	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-9.20	-0.013068	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-11.40	-0.016193	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-4.40	-0.006250	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-5.30	-0.007528	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.80	-0.003958	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-9.80	-0.013852	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-9.20	-0.013004	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-4.70	-0.006643	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-6.70	-0.009470	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-3.80	-0.005371	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-5.90	-0.008339	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-7.30	-0.010318	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-10.20	-0.014346	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-5.30	-0.007454	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-9.10	-0.012799	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-6.40	-0.009001	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-13.50	-0.018987	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-9.40	-0.013221	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-2.80	-0.003938	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	-6.50	-0.009233	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	-5.20	-0.007386	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	-10.50	-0.014915	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	-1.70	-0.002415	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	-3.10	-0.004403	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	-5.40	-0.007670	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	-4.80	-0.006818	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	-6.20	-0.008807	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-8.00	-0.011307	±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	-1.50	-0.002120	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-4.80	-0.006784	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	-7.00	-0.009894	±2.5	PASS



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Band12	10MHz	64QAM	23095	50RB#0	NV	40	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	0.40	0.000565	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	-6.80	-0.009564	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	-5.40	-0.007595	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-1.60	-0.002250	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-6.30	-0.008861	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-9.70	-0.013643	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-1.30	-0.001828	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-9.10	-0.012799	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-5.00	-0.007102	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-7.90	-0.011222	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-4.20	-0.005966	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-1.20	-0.001705	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	-4.70	-0.006676	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	-2.70	-0.003835	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	-4.90	-0.006960	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-0.30	-0.000424	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-2.30	-0.003251	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-7.70	-0.010883	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-3.10	-0.004382	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-2.60	-0.003675	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-6.80	-0.009611	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-8.90	-0.012580	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-5.40	-0.007595	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-9.20	-0.012940	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-3.80	-0.005345	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-6.80	-0.009564	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-2.70	-0.003797	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-10.70	-0.015049	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-10.20	-0.014346	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-8.30	-0.011674	±2.5	PASS



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