



# Appendix B

## E-UTRA Band 12



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.00	16.69	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.95	16.64	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.00	16.69	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.00	16.69	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.89	16.58	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.98	16.67	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.00	15.69	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.75	16.44	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.72	16.41	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.88	16.57	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.89	16.58	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.84	16.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.87	16.56	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.81	15.50	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	24.10	16.79	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.79	16.48	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.73	16.42	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.86	16.55	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.94	16.63	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.91	16.60	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.86	15.55	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.22	15.91	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.91	15.60	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.23	15.92	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.75	15.44	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.80	15.49	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.87	15.56	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.93	14.62	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.56	16.25	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.31	16.00	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.00	15.69	34.77	PASS



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Band12	1.4MHz	16QAM	23095	3RB#0	22.99	15.68	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.72	15.41	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.69	15.38	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.96	14.65	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.10	15.79	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.06	15.75	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.59	16.28	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.71	15.40	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.67	15.36	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.86	15.55	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.98	14.67	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.91	14.60	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.85	14.54	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.98	14.67	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.97	14.66	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.79	14.48	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.97	14.66	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.96	13.65	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.65	14.34	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.66	14.35	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.79	14.48	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.80	14.49	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.77	14.46	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.75	14.44	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.70	13.39	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.07	14.76	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.70	14.39	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.70	14.39	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.83	14.52	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.86	14.55	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.86	14.55	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.80	13.49	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.94	16.63	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.88	16.57	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.00	16.69	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.82	15.51	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.97	15.66	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.87	15.56	34.77	PASS



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Band12	3MHz	QPSK	23025	15RB#0	22.93	15.62	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.92	16.61	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.87	16.56	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.92	16.61	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.78	15.47	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.79	15.48	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.86	15.55	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.89	15.58	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.85	16.54	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.81	16.50	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.92	16.61	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.95	15.64	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.76	15.45	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.87	15.56	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.91	15.60	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.55	16.24	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.53	16.22	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.69	16.38	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.01	14.70	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.04	14.73	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.09	14.78	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.88	14.57	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.74	15.43	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.17	15.86	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.16	15.85	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.82	14.51	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.96	14.65	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.89	14.58	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.88	14.57	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.61	16.30	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.61	16.30	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.14	15.83	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.04	14.73	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.80	14.49	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.90	14.59	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.94	14.63	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.83	14.52	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.85	14.54	34.77	PASS



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Band12	3MHz	64QAM	23025	1RB#14	21.89	14.58	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.72	13.41	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.87	13.56	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.86	13.55	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.90	13.59	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.88	14.57	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.85	14.54	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.84	14.53	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.69	13.38	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.70	13.39	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.75	13.44	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.77	13.46	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.74	14.43	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.73	14.42	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.91	14.60	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.91	13.60	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.70	13.39	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.82	13.51	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.79	13.48	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.99	16.68	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.03	16.72	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.90	16.59	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.90	15.59	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.94	15.63	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.98	15.67	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.97	15.66	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.01	16.70	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.98	16.67	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.89	16.58	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.96	15.65	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.92	15.61	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.83	15.52	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.87	15.56	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.91	16.60	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.83	16.52	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.97	16.66	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.88	15.57	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.85	15.54	34.77	PASS



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Band12	5MHz	QPSK	23155	12RB#13	22.83	15.52	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.91	15.60	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.32	16.01	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.62	16.31	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.29	15.98	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.94	14.63	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.97	14.66	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.96	14.65	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.02	14.71	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.12	15.81	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.70	15.39	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.25	15.94	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.90	14.59	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.90	14.59	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.79	14.48	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.86	14.55	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.83	15.52	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.78	15.47	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.60	16.29	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.83	14.52	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.83	14.52	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.81	14.50	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.83	14.52	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.98	14.67	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.01	14.70	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.84	14.53	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.84	13.53	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.83	13.52	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.90	13.59	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.92	13.61	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.90	14.59	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.92	14.61	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.82	14.51	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.91	13.60	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.91	13.60	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.78	13.47	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.78	13.47	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.80	14.49	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#12	21.82	14.51	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.87	14.56	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.83	13.52	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.76	13.45	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.74	13.43	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.82	13.51	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.01	16.70	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.95	16.64	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.08	16.77	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.79	15.48	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.94	15.63	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.87	15.56	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.91	15.60	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.91	16.60	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.09	16.78	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.06	16.75	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.99	15.68	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.91	15.60	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.88	15.57	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.92	15.61	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.93	16.62	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.91	16.60	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.07	16.76	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.98	15.67	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.97	15.66	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.95	15.64	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.99	15.68	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.11	15.80	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.59	16.28	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.48	16.17	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.87	14.56	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.89	14.58	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.75	14.44	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.86	14.55	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.57	16.26	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.59	16.28	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.76	16.45	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.90	14.59	34.77	PASS



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Band12	10MHz	16QAM	23095	25RB#12	21.98	14.67	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.79	14.48	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.91	14.60	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.05	15.74	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.47	16.16	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.85	15.54	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.98	14.67	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.85	14.54	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.01	14.70	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.97	14.66	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.99	14.68	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.94	14.63	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.00	14.69	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.68	13.37	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.83	13.52	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.78	13.47	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.87	13.56	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.86	14.55	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.98	14.67	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.01	14.70	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.94	13.63	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.83	13.52	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.86	13.55	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.91	13.60	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.85	14.54	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.82	14.51	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.98	14.67	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.90	13.59	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.93	13.62	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.85	13.54	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.90	13.59	34.77	PASS



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**ANT3:**

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.42	15.47	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.33	15.38	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.41	15.46	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.47	15.52	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.45	15.50	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.37	15.42	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.37	14.42	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.06	15.11	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.25	15.30	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.38	15.43	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.44	15.49	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.32	15.37	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.31	15.36	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.34	14.39	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.48	15.53	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.16	15.21	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.19	15.24	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.25	15.30	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.37	15.42	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.32	15.37	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.28	14.33	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.68	14.73	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.18	15.23	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.55	14.60	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.37	14.42	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.42	14.47	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.11	14.16	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.41	13.46	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.71	14.76	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.95	15.00	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.77	14.82	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.05	14.10	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.39	14.44	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.35	14.40	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.37	13.42	34.77	PASS



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Band12	1.4MHz	16QAM	23173	1RB#0	22.32	14.37	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.59	14.64	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.78	14.83	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.33	14.38	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.18	14.23	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.36	14.41	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.31	13.36	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.39	13.44	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.22	13.27	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.32	13.37	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.37	13.42	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.33	13.38	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.31	13.36	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.35	12.40	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.38	13.43	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.17	13.22	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.36	13.41	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.33	13.38	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.27	13.32	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.23	13.28	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.26	12.31	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.43	13.48	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.11	13.16	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.12	13.17	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.20	13.25	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.36	13.41	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.29	13.34	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.26	12.31	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.29	15.34	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.34	15.39	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.34	15.39	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.36	14.41	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.36	14.41	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.28	14.33	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.31	14.36	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.34	15.39	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.40	15.45	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.24	15.29	34.77	PASS



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Band12	3MHz	QPSK	23095	8RB#0	22.27	14.32	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.29	14.34	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.25	14.30	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.25	14.30	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.29	15.34	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.26	15.31	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.25	15.30	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.34	14.39	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.32	14.37	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.25	14.30	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.35	14.40	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.59	14.64	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.05	15.10	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.72	14.77	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.41	13.46	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.44	13.49	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.33	13.38	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.53	13.58	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.81	14.86	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.74	14.79	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.90	14.95	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.37	13.42	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.30	13.35	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.39	13.44	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.17	13.22	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.07	15.12	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.55	14.60	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.85	14.90	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.35	13.40	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.34	13.39	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.36	13.41	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.26	13.31	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.28	13.33	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.30	13.35	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.26	13.31	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.28	12.33	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.24	12.29	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.16	12.21	34.77	PASS



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Band12	3MHz	64QAM	23025	15RB#0	20.20	12.25	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.24	13.29	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.39	13.44	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.23	13.28	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.26	12.31	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.24	12.29	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.13	12.18	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.20	12.25	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.22	13.27	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.14	13.19	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.20	13.25	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.26	12.31	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.30	12.35	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.23	12.28	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.28	12.33	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.42	15.47	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.32	15.37	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.45	15.50	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.29	14.34	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.37	14.42	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.35	14.40	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.41	14.46	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.55	15.60	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.35	15.40	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.30	15.35	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.37	14.42	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.34	14.39	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.27	14.32	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.33	14.38	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.30	15.35	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.30	15.35	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.31	15.36	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.27	14.32	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.35	14.40	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.23	14.28	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.25	14.30	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.65	14.70	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.31	14.36	34.77	PASS



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Band12	5MHz	16QAM	23035	1RB#24	22.28	14.33	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.32	13.37	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.16	13.21	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.38	13.43	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.30	13.35	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.97	15.02	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.31	14.36	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.64	14.69	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.34	13.39	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.30	13.35	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.18	13.23	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.31	13.36	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.92	14.97	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.61	14.66	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.20	14.25	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.25	13.30	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.26	13.31	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.26	13.31	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.29	13.34	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.33	13.38	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.29	13.34	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.39	13.44	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.20	12.25	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.34	12.39	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.34	12.39	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.32	12.37	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.47	13.52	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.27	13.32	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.20	13.25	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.28	12.33	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.33	12.38	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.26	12.31	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.22	12.27	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.27	13.32	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.28	13.33	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.29	13.34	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.26	12.31	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.30	12.35	34.77	PASS



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Band12	5MHz	64QAM	23155	12RB#13	20.14	12.19	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.18	12.23	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.32	15.37	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.51	15.56	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.38	15.43	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.27	14.32	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.33	14.38	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.25	14.30	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.29	14.34	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.29	15.34	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.52	15.57	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.47	15.52	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.47	14.52	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.35	14.40	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.28	14.33	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.38	14.43	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.30	15.35	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.51	15.56	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.46	15.51	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.46	14.51	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.38	14.43	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.42	14.47	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.47	14.52	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.09	15.14	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.96	15.01	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.64	14.69	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.21	13.26	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.34	13.39	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.16	13.21	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.23	13.28	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.04	15.09	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.86	14.91	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.62	14.67	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.33	13.38	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.39	13.44	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.16	13.21	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.29	13.34	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.52	14.57	34.77	PASS



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Band12	10MHz	16QAM	23130	1RB#24	22.64	14.69	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.35	14.40	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.42	13.47	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.36	13.41	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.46	13.51	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.45	13.50	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.20	13.25	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.46	13.51	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.32	13.37	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.20	12.25	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.29	12.34	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.22	12.27	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.17	12.22	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.25	13.30	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.46	13.51	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.45	13.50	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.44	12.49	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.28	12.33	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.27	12.32	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.30	12.35	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.21	13.26	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.46	13.51	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.38	13.43	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.40	12.45	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.35	12.40	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.37	12.42	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.36	12.41	34.77	PASS

Remark:

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

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

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



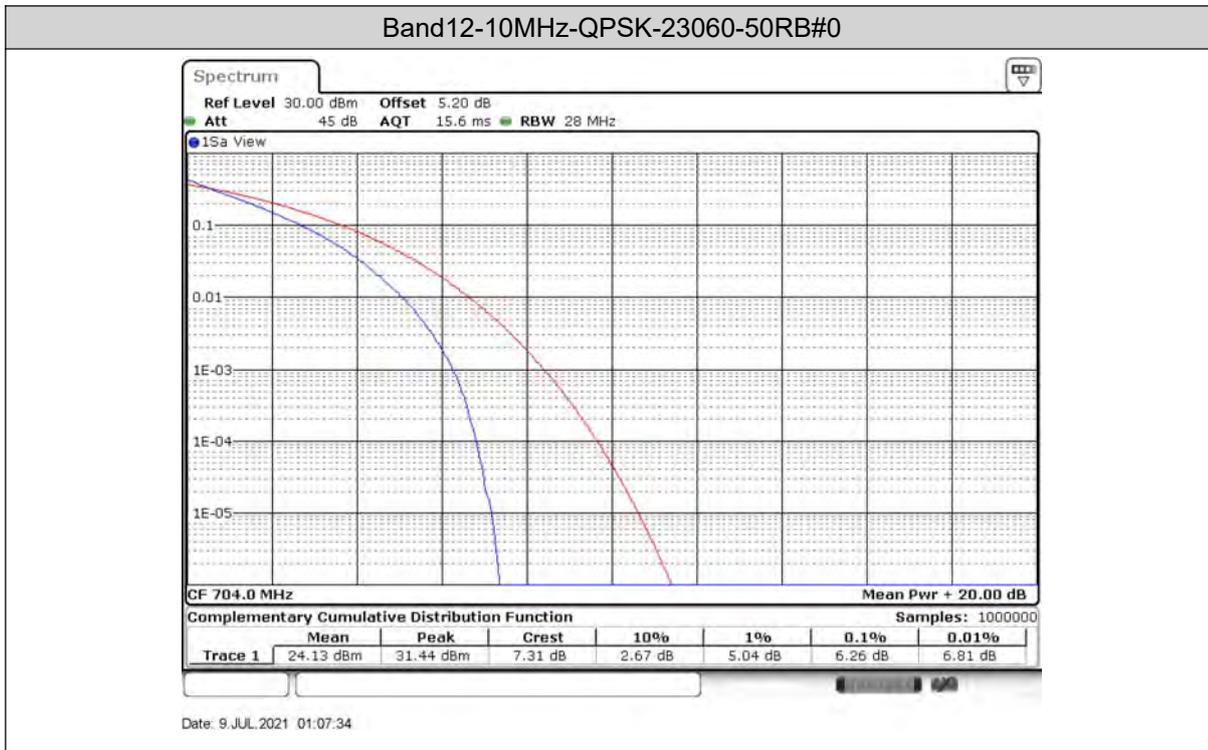
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## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	6.26	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.26	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	6.23	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.96	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.99	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	7.01	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	7.07	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	7.07	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	7.30	13	PASS

### 2.2. Test Plots

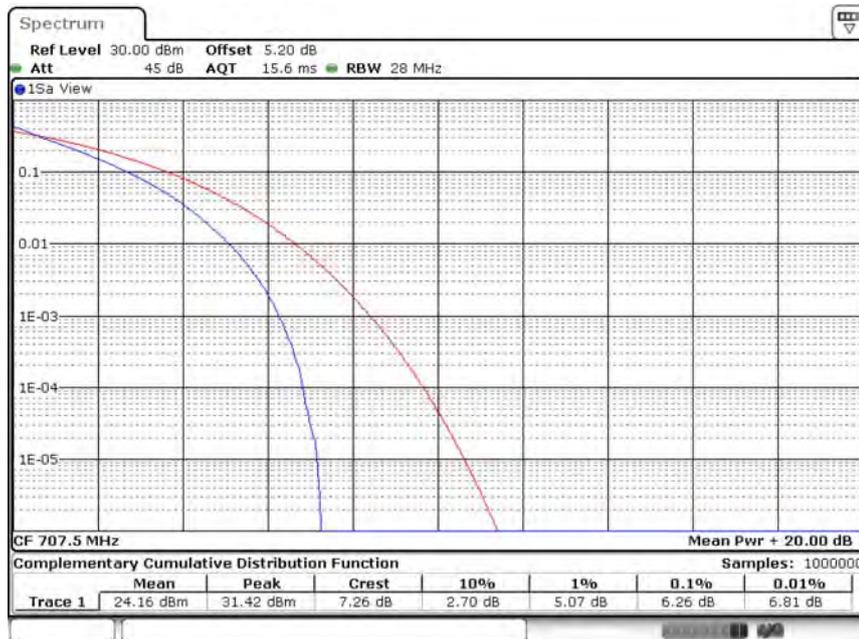


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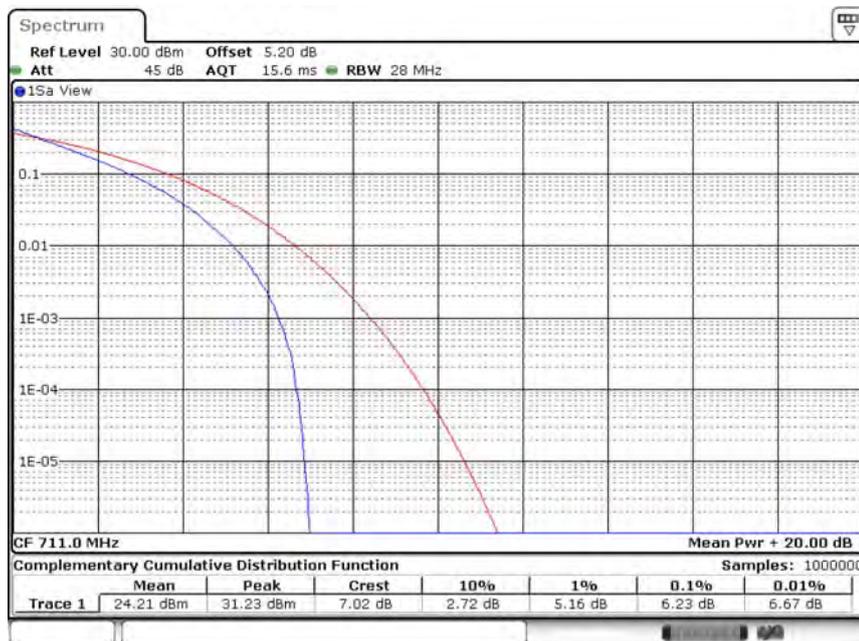
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**Band12-10MHz-QPSK-23095-50RB#0**



Date: 9 JUL 2021 01:08:07

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

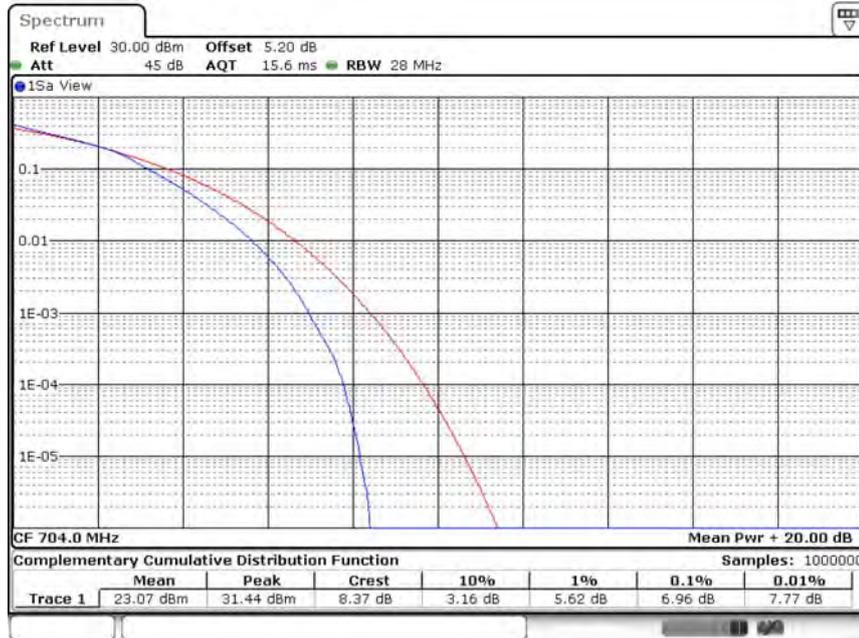


Date: 9 JUL 2021 01:08:41



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



Date: 9 JUL 2021 01:07:50

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



Date: 9 JUL 2021 01:08:24

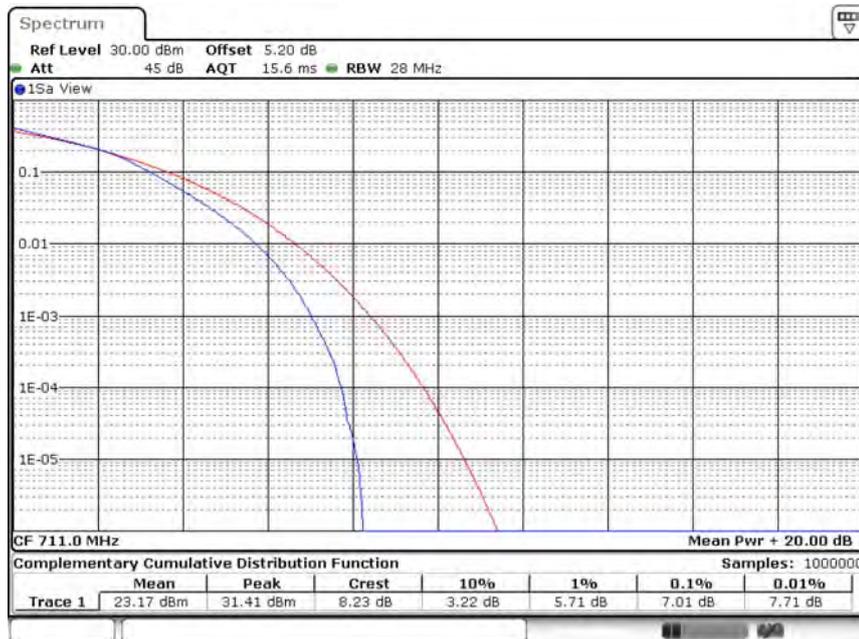


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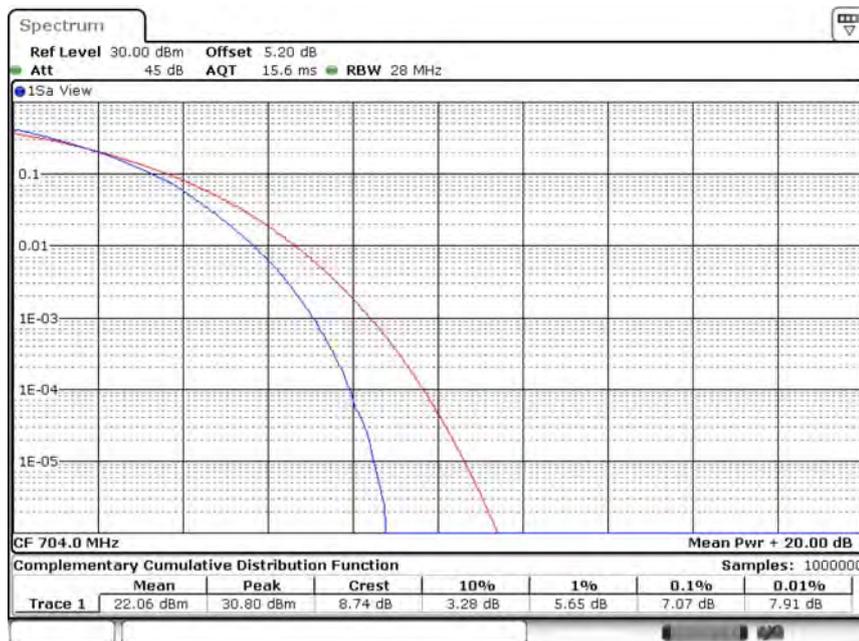
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**Band12-10MHz-16QAM-23130-50RB#0**



Date: 9 JUL 2021 01:08:57

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

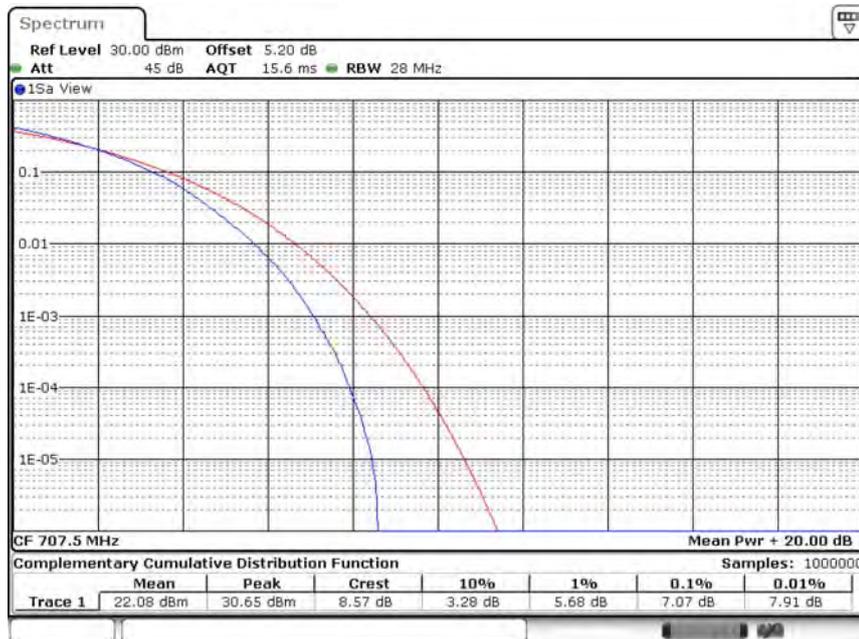


Date: 9 JUL 2021 20:49:43



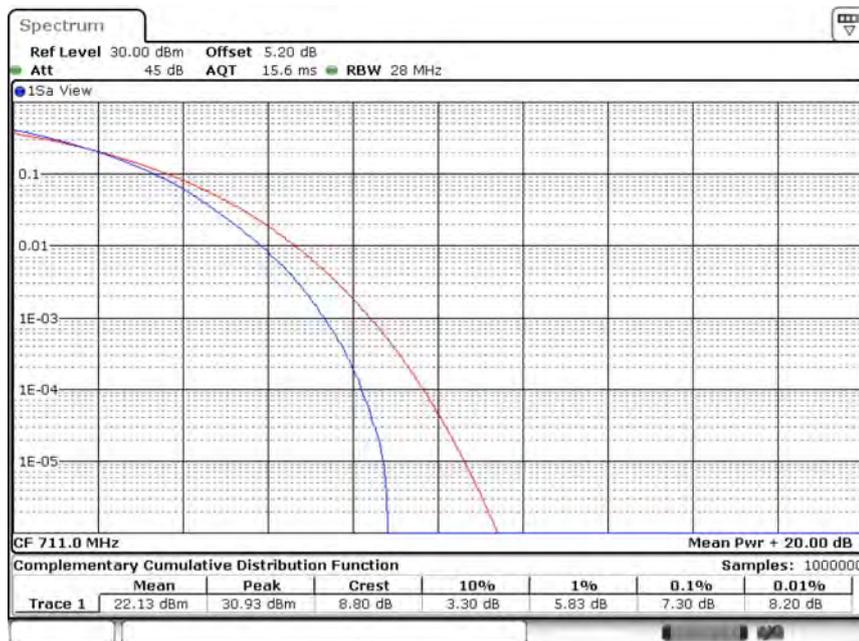
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**Band12-10MHz-64QAM-23095-50RB#0**



Date: 9 JUL 2021 20:50:00

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



Date: 9 JUL 2021 20:50:17



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



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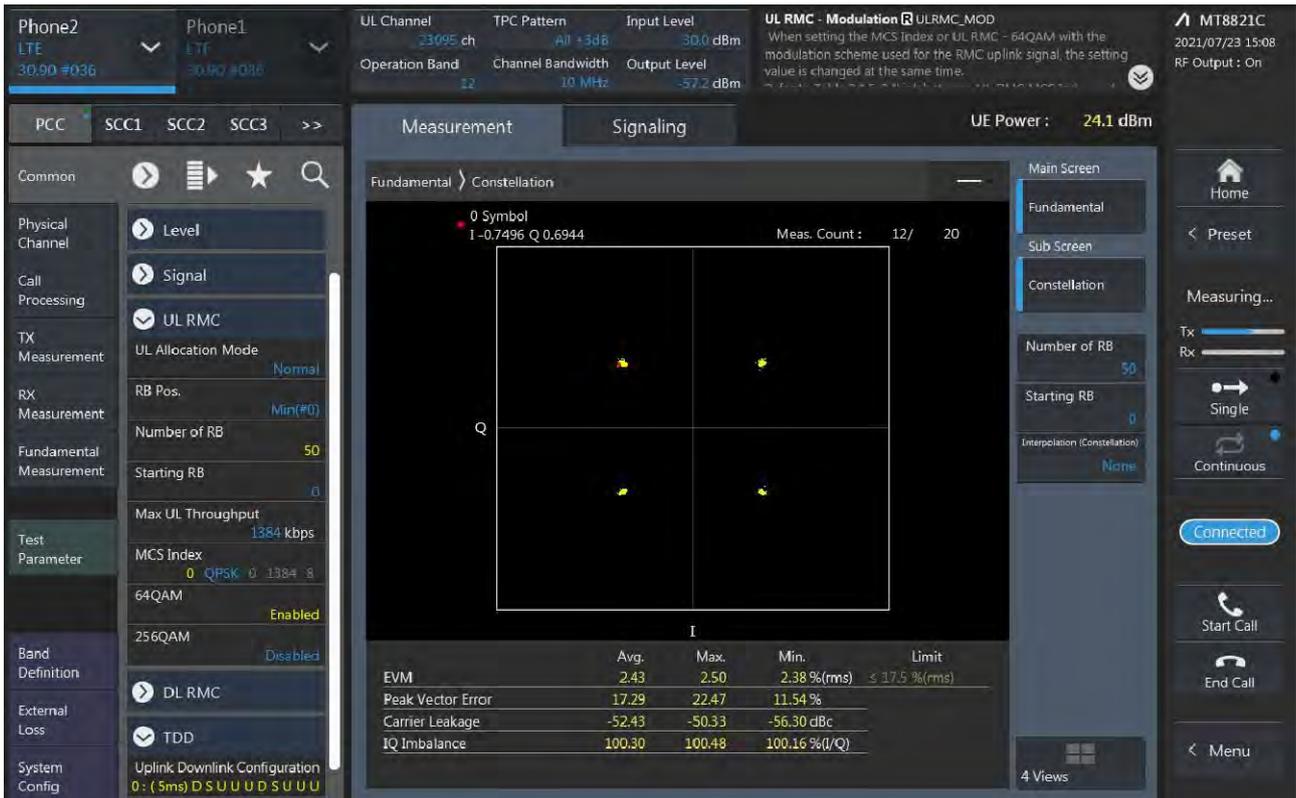
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 10MHz

##### 3.1.1. Test Channel = MCH

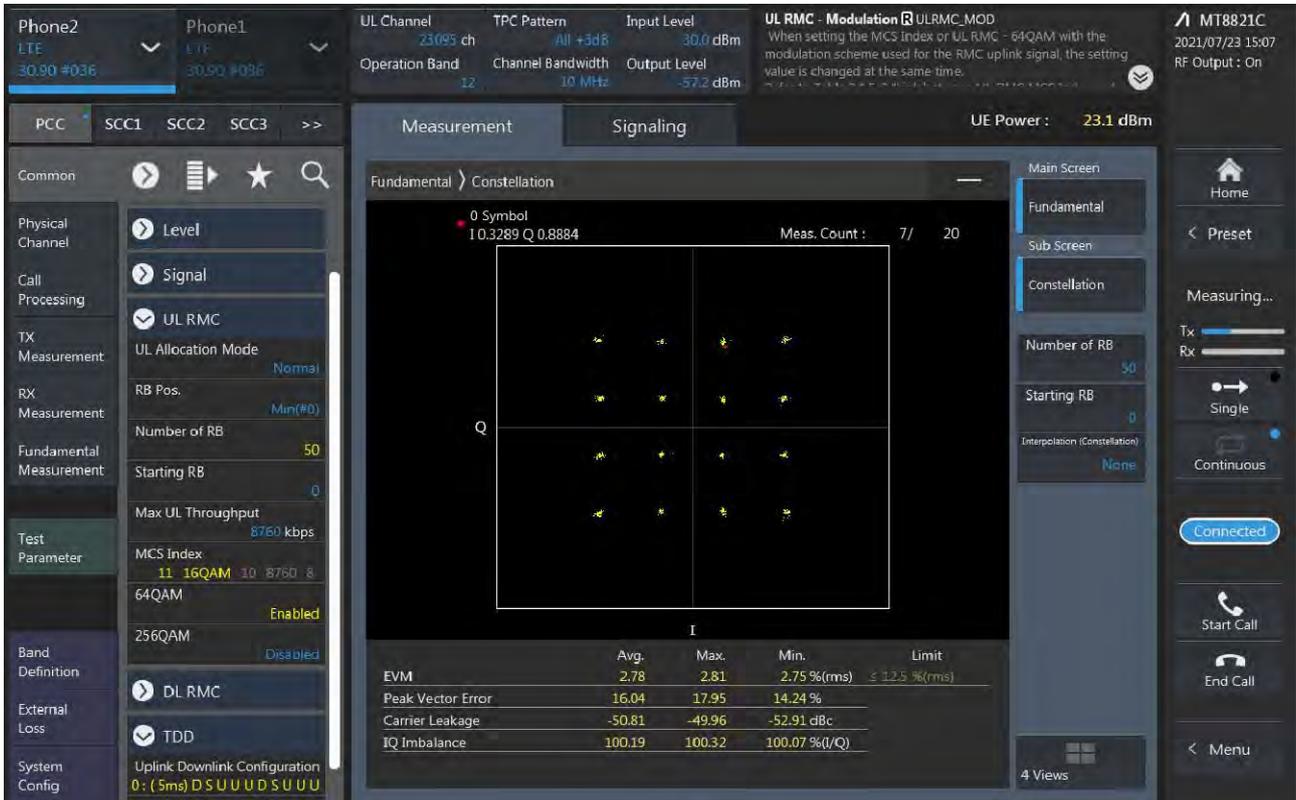


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### 3.2. Test Mode = LTE /TM2 10MHz

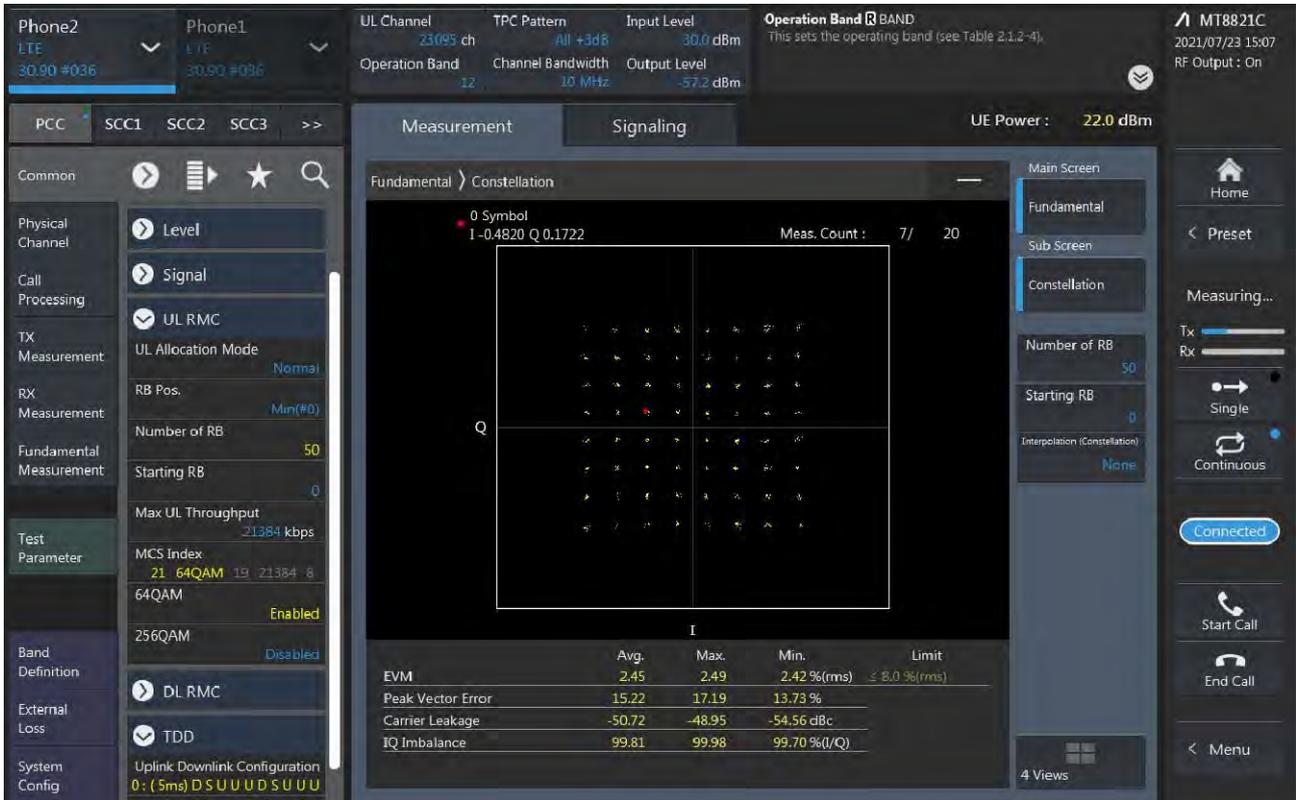
#### 3.2.1. Test Channel = MCH



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### 3.3. Test Mode = LTE /TM3 10MHz

#### 3.3.1. Test Channel = MCH



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## 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	1.094	1.284	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.278	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.290	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1	1.317	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.097	1.299	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.097	1.302	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.1	1.299	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.097	1.299	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.1	1.299	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.691	2.940	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	2.922	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.697	2.928	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.685	2.946	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.685	2.928	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.685	2.934	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.691	2.922	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.691	2.922	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.685	2.916	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	4.890	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.466	4.840	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.476	4.910	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.476	4.910	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.466	4.860	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.466	4.930	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.476	4.910	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.900	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.476	4.930	PASS

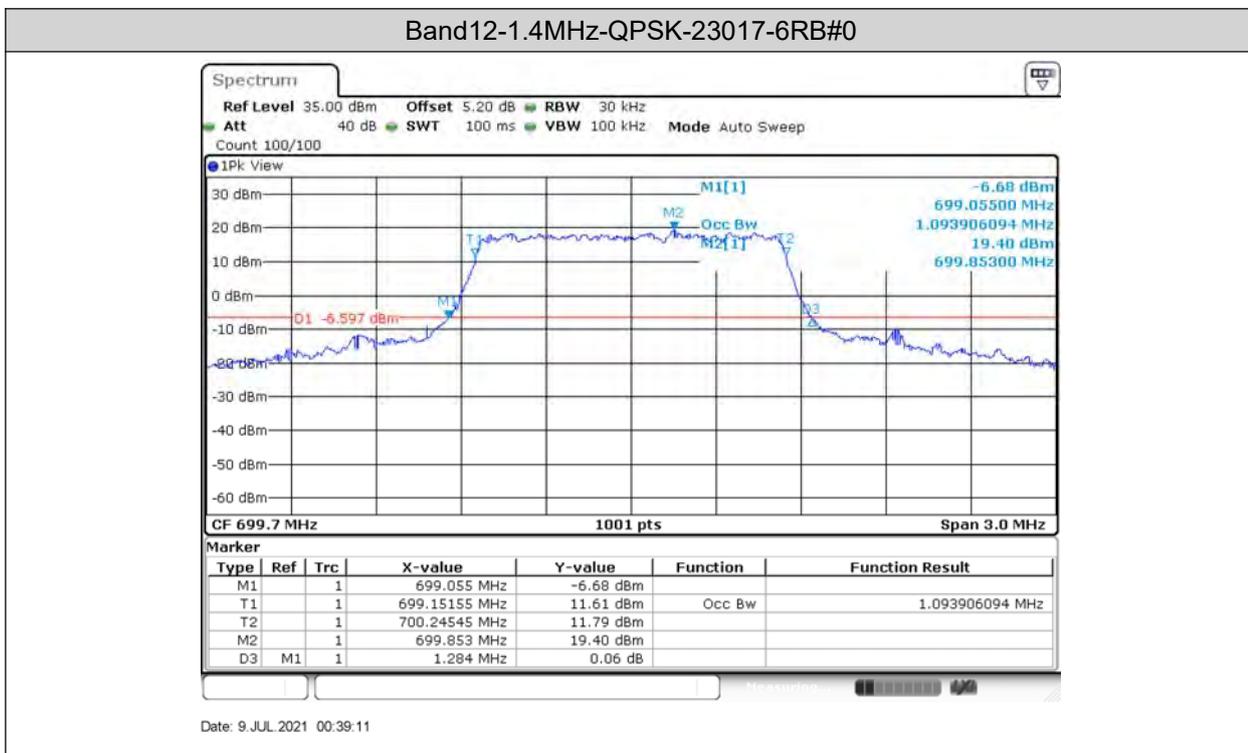


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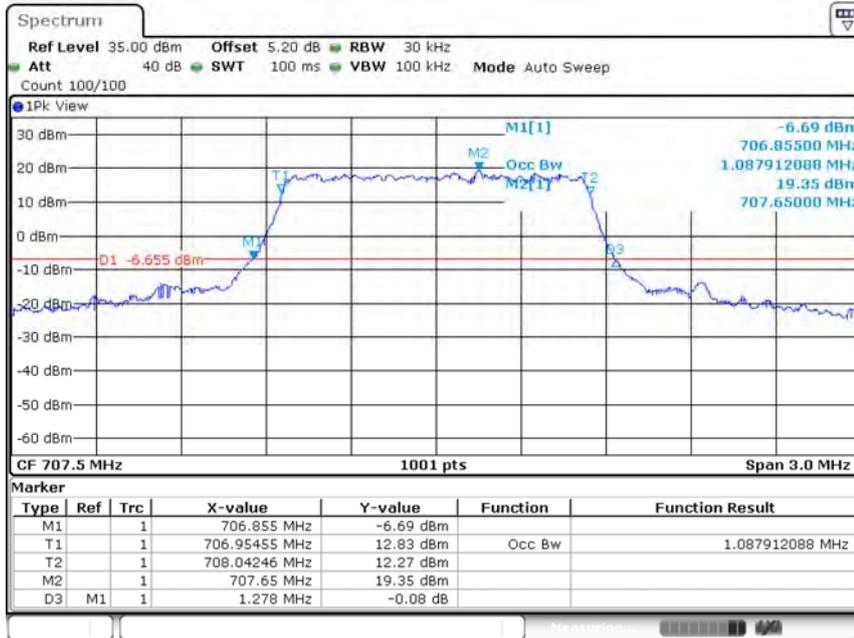
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Band12	10MHz	QPSK	23060	50RB#0	8.951	9.840	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.951	9.620	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.971	9.640	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.600	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.600	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.931	9.620	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.911	9.640	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.931	9.620	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.931	9.700	PASS

## 4.2. Test Plots

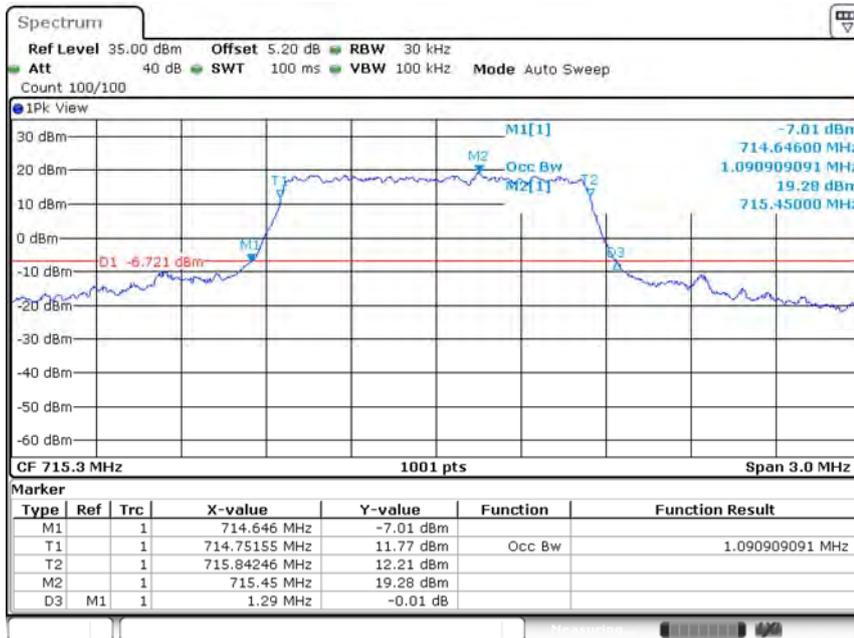


**Band12-1.4MHz-QPSK-23095-6RB#0**



Date: 9 JUL 2021 00:40:02

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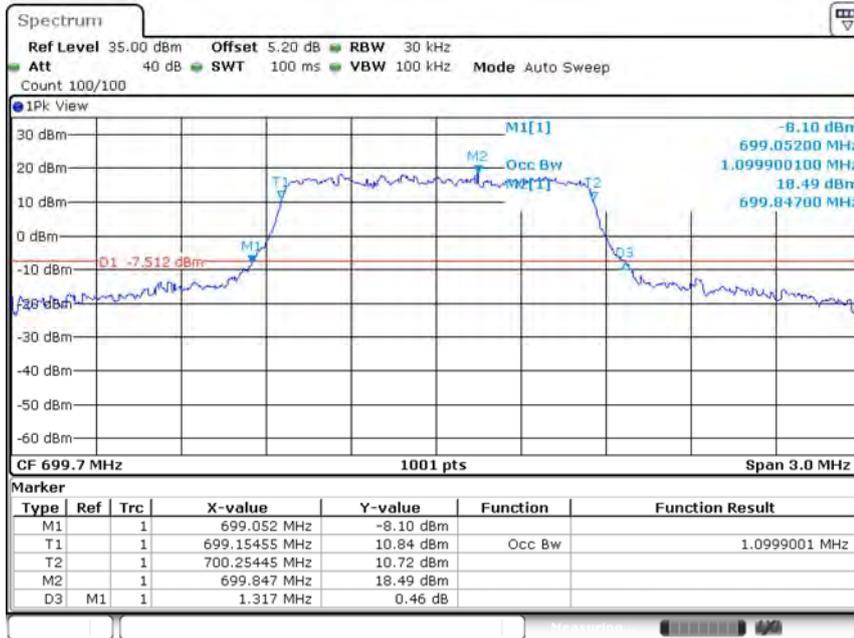


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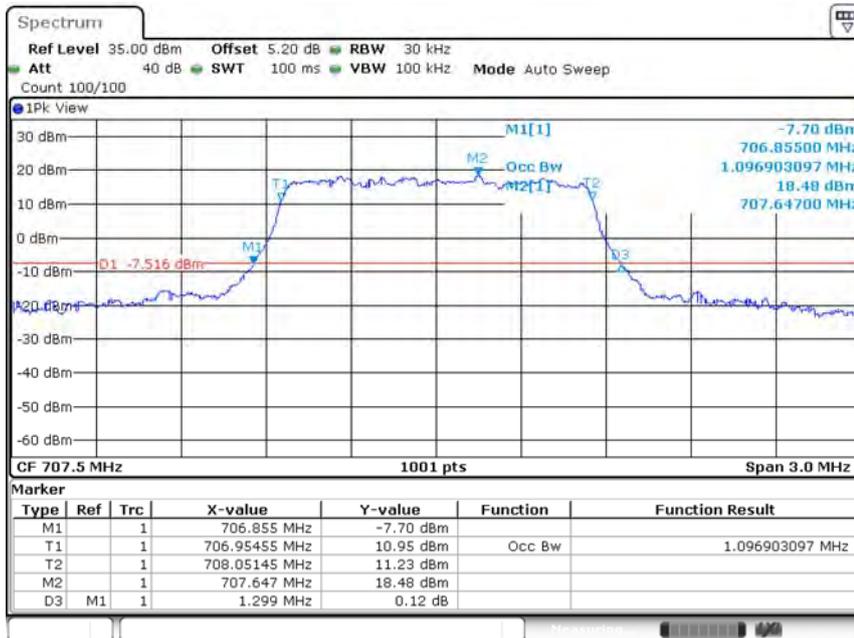
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**Band12-1.4MHz-16QAM-23017-6RB#0**



Date: 9 JUL 2021 00:39:37

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

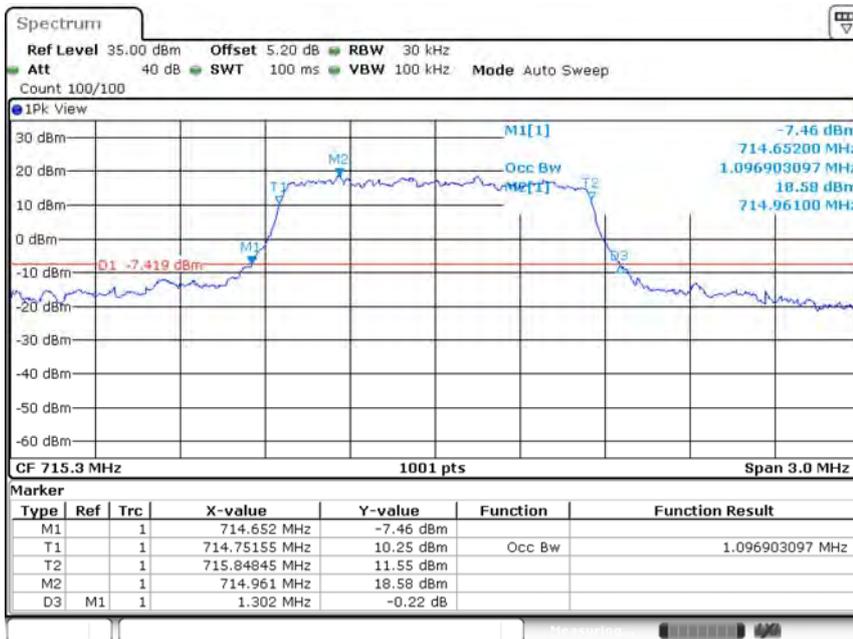


Date: 9 JUL 2021 00:40:27



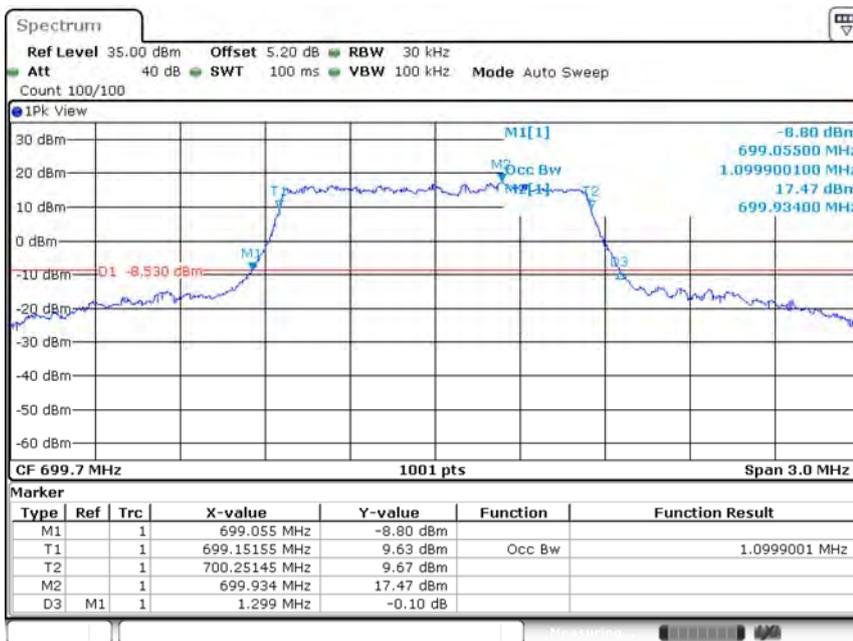
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**Band12-1.4MHz-16QAM-23173-6RB#0**



Date: 9 JUL 2021 00:41:18

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

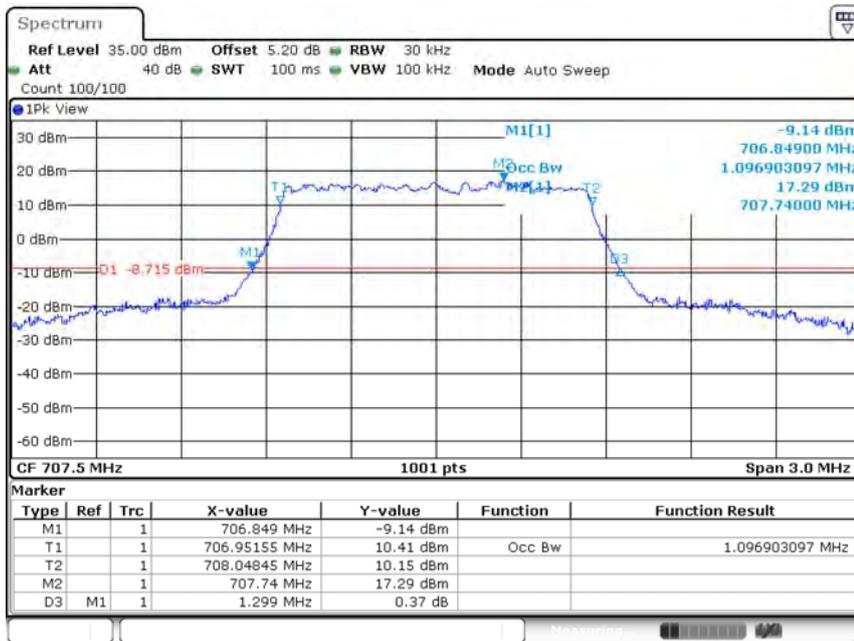


Date: 9 JUL 2021 09:25:34



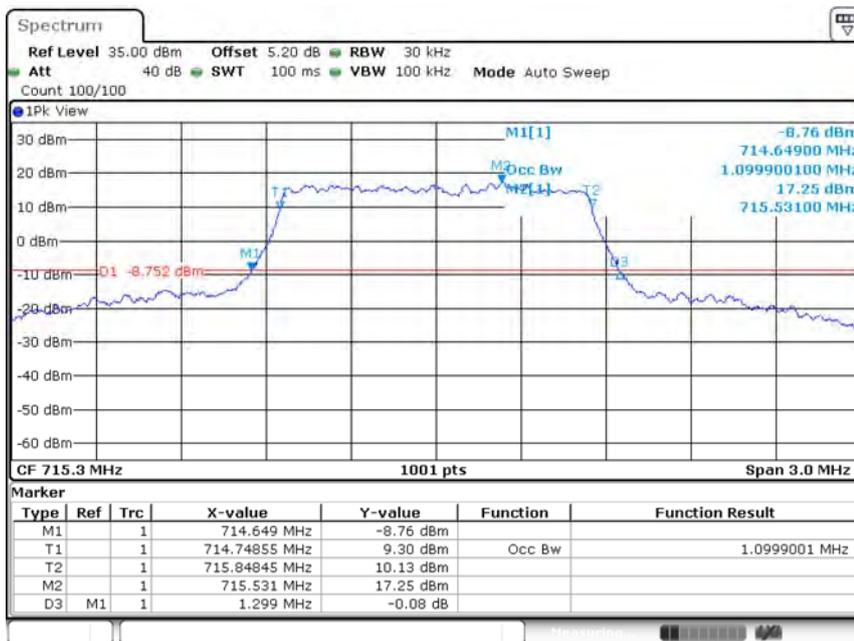
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**Band12-1.4MHz-64QAM-23095-6RB#0**



Date: 9 JUL 2021 09:26:00

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

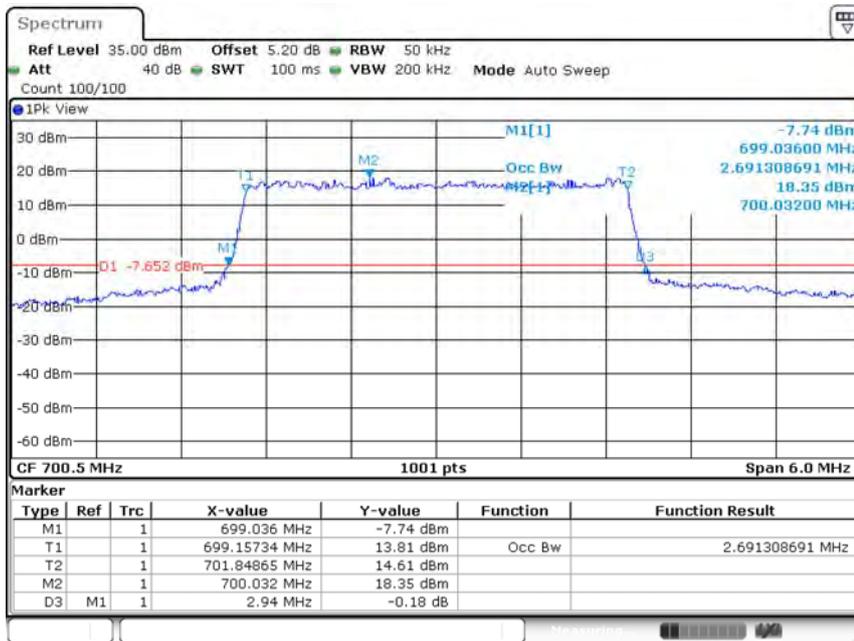


Date: 9 JUL 2021 09:26:26



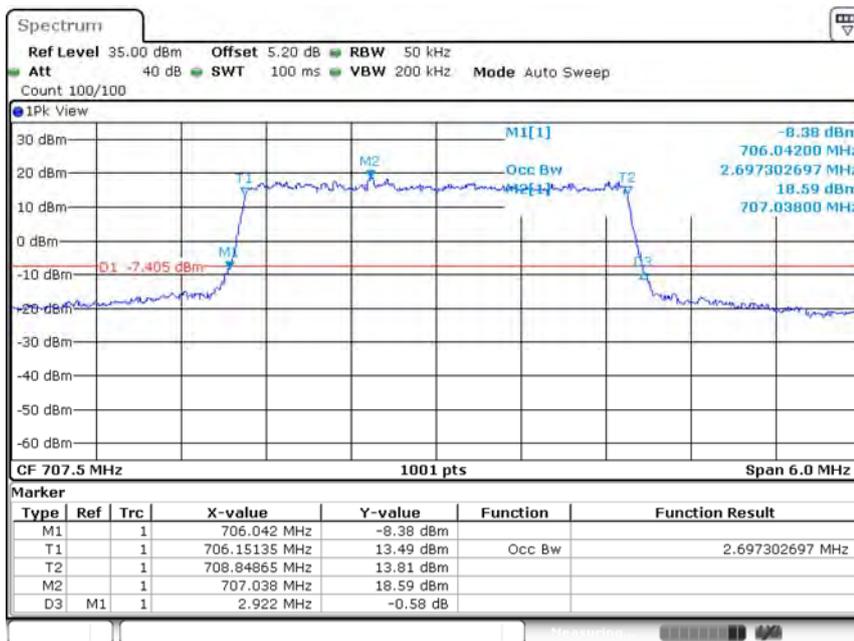
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**Band12-3MHz-QPSK-23025-15RB#0**



Date: 9 JUL 2021 00:42:09

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

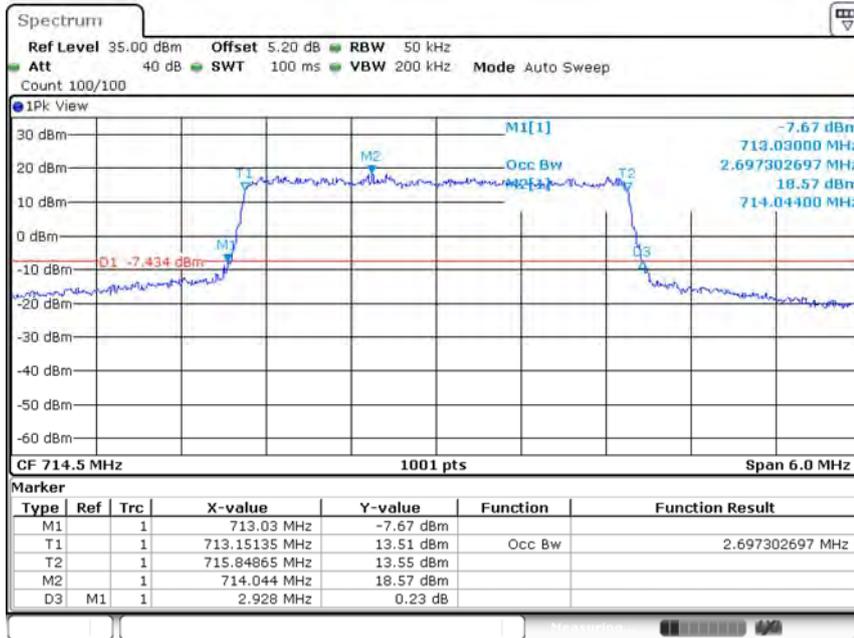


Date: 9 JUL 2021 00:43:00



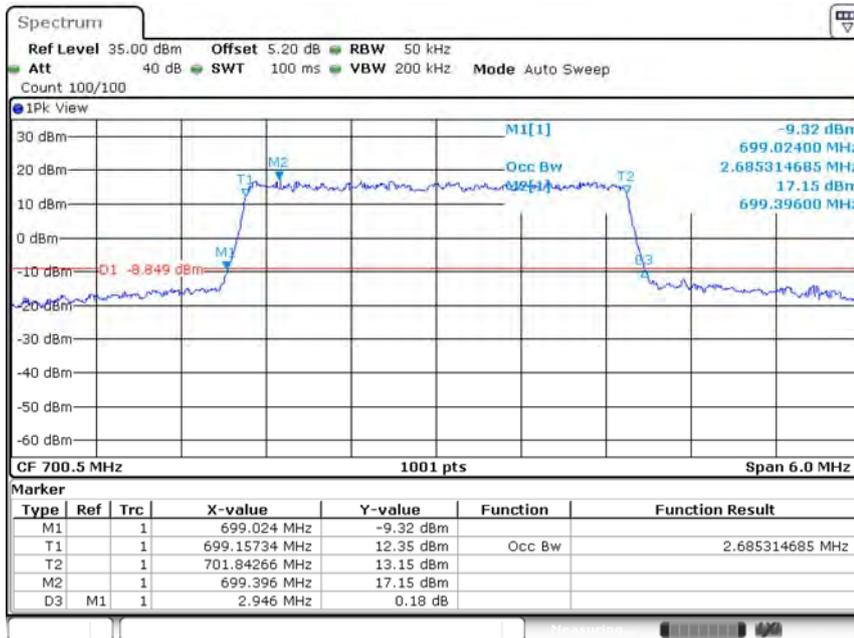
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**Band12-3MHz-QPSK-23165-15RB#0**



Date: 9 JUL 2021 00:43:50

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

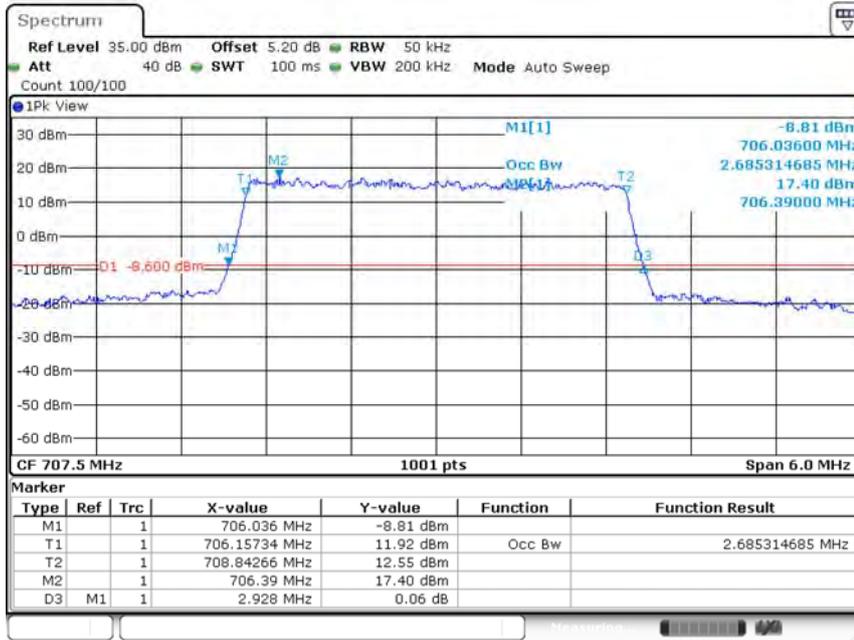


Date: 9 JUL 2021 00:42:34



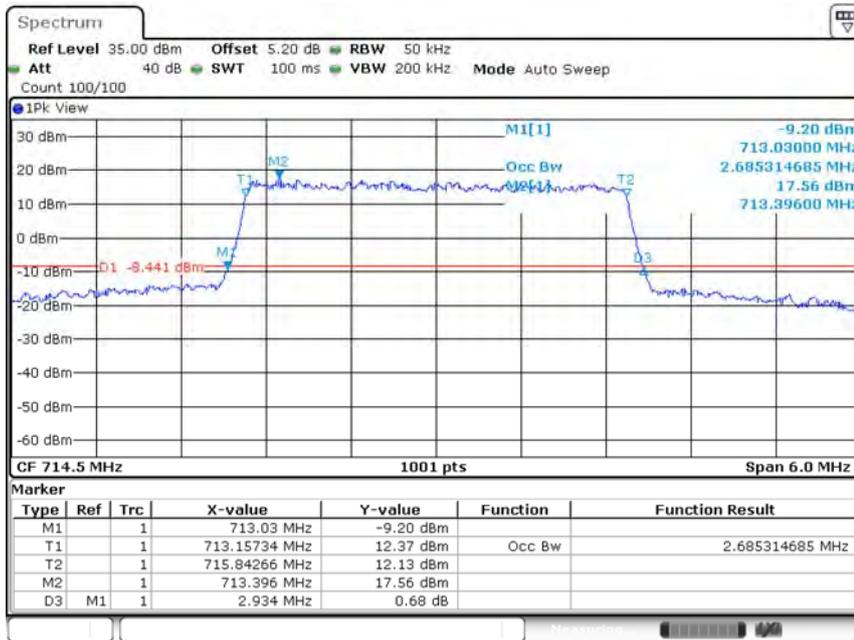
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**Band12-3MHz-16QAM-23095-15RB#0**



Date: 9 JUL 2021 00:43:25

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

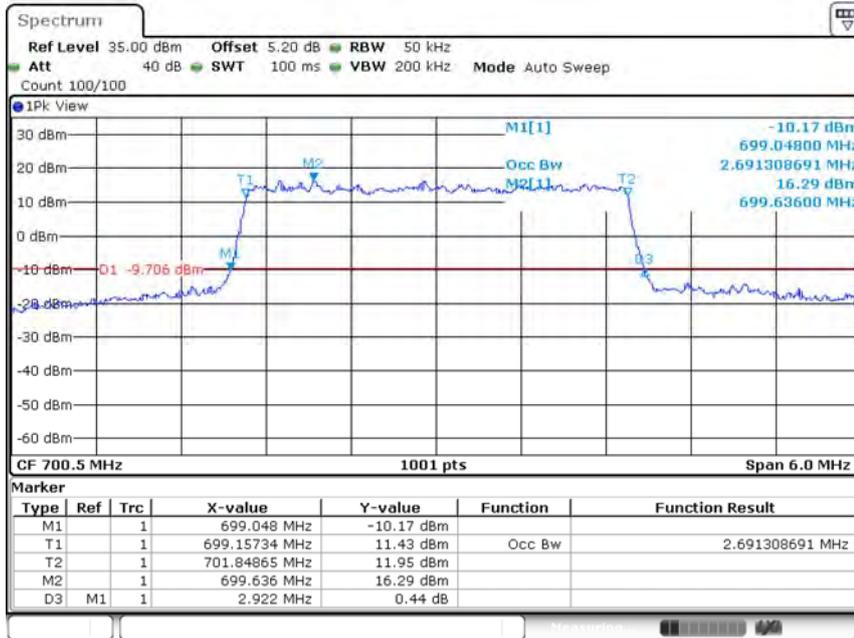


Date: 9 JUL 2021 00:44:16



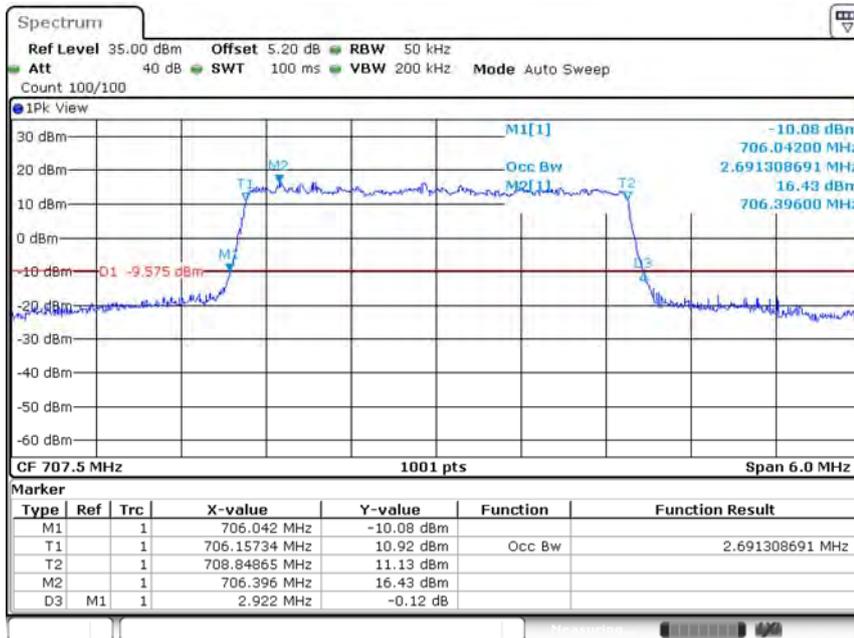
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**Band12-3MHz-64QAM-23025-15RB#0**



Date: 9 JUL 2021 09:27:12

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

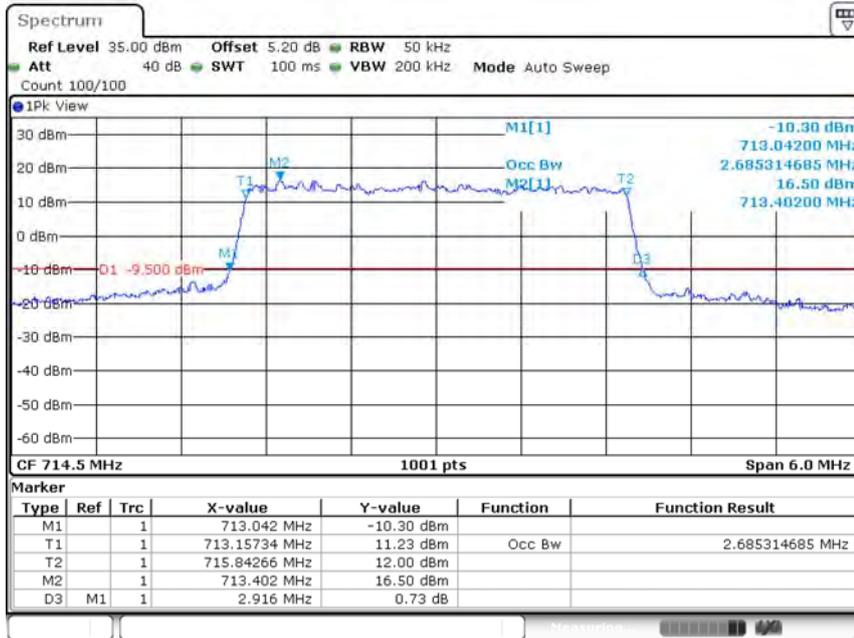


Date: 9 JUL 2021 09:27:37



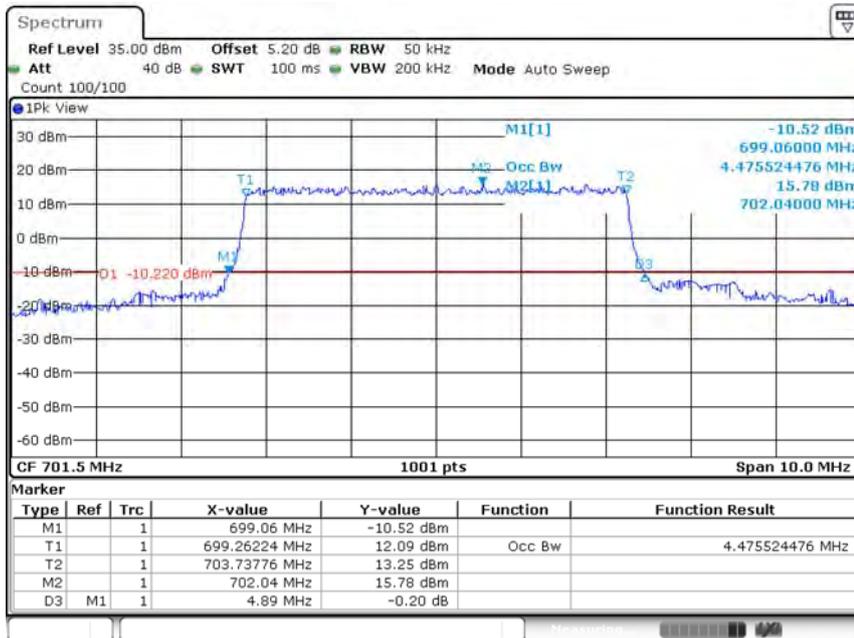
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**Band12-3MHz-64QAM-23165-15RB#0**



Date: 9 JUL 2021 09:28:03

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

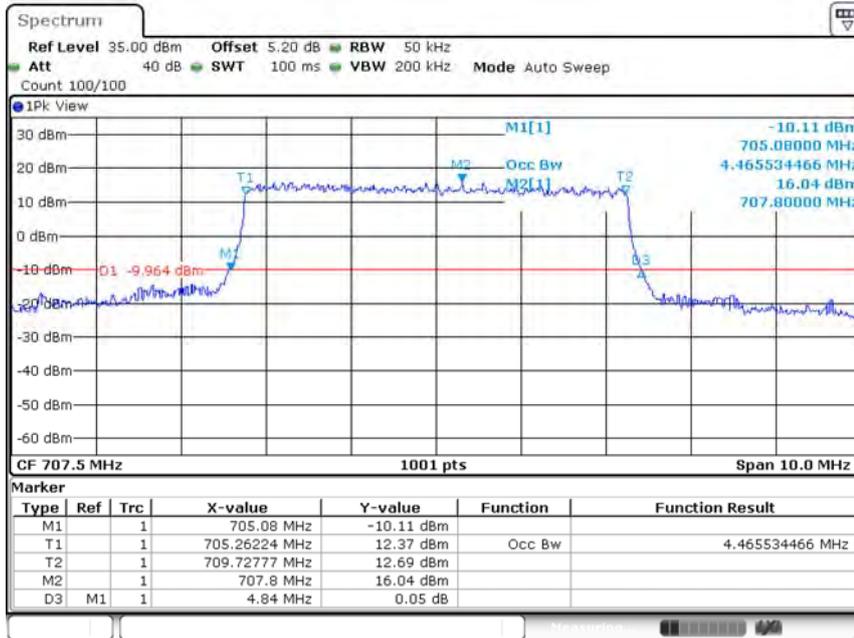


Date: 9 JUL 2021 00:45:13



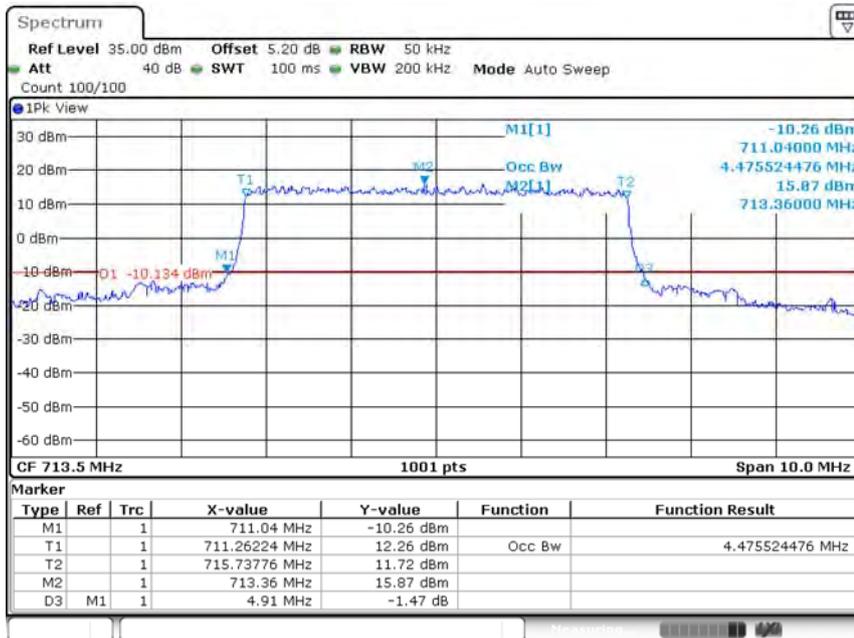
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**Band12-5MHz-QPSK-23095-25RB#0**



Date: 9 JUL 2021 00:46:04

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

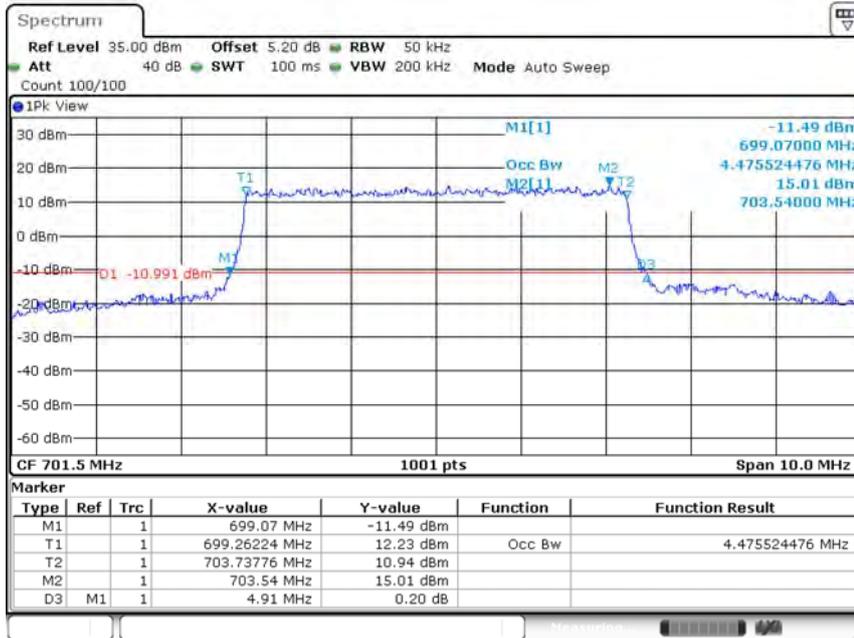


Date: 9 JUL 2021 00:46:55



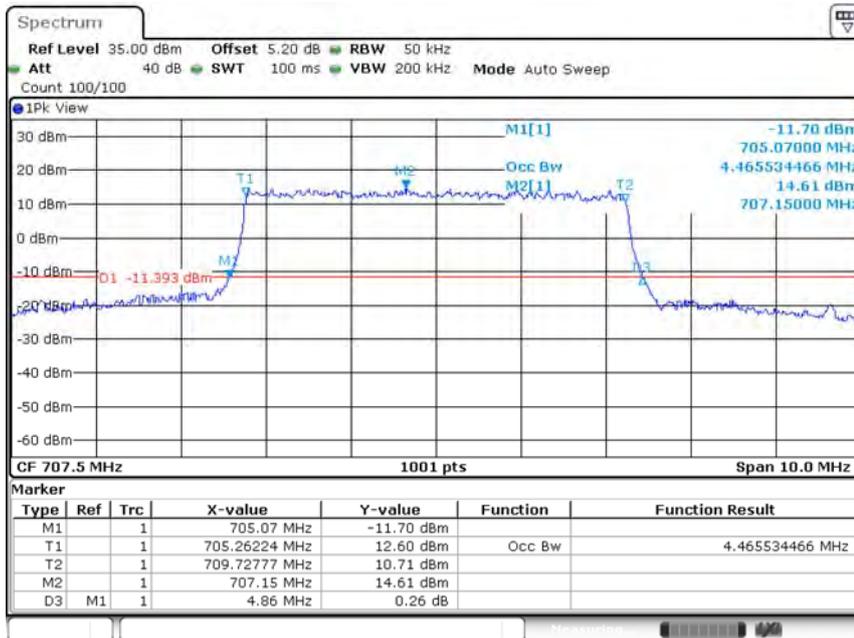
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**Band12-5MHz-16QAM-23035-25RB#0**



Date: 9 JUL 2021 00:45:39

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

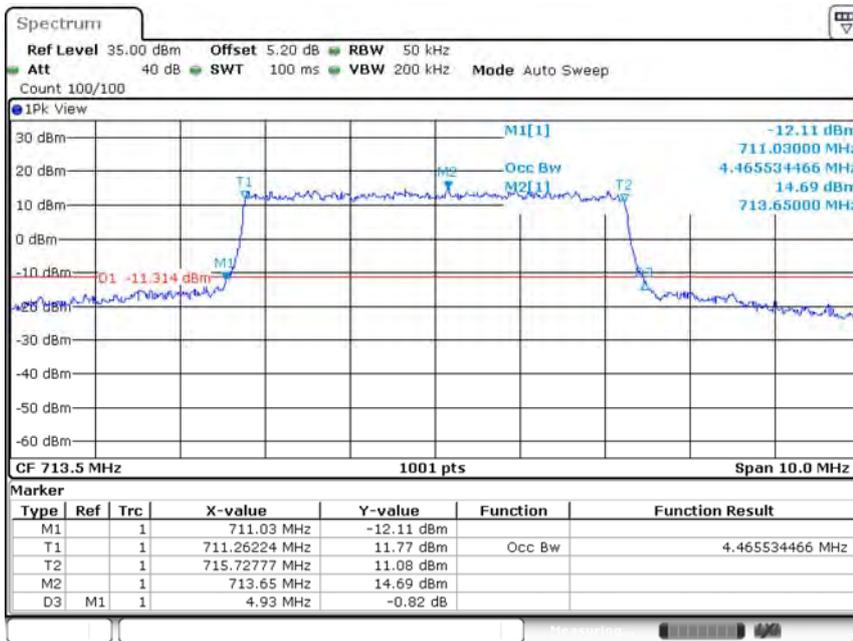


Date: 9 JUL 2021 00:46:29



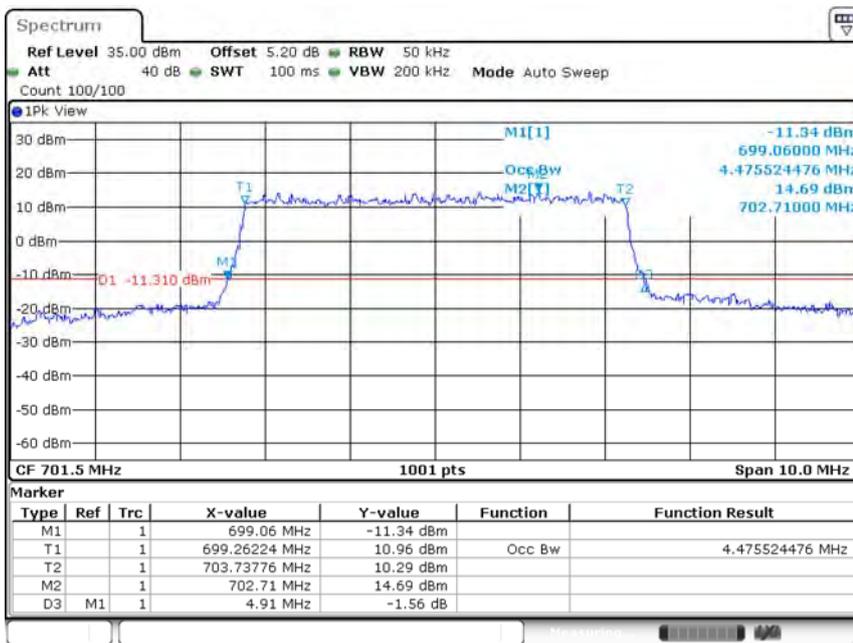
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**Band12-5MHz-16QAM-23155-25RB#0**



Date: 9 JUL 2021 00:47:20

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

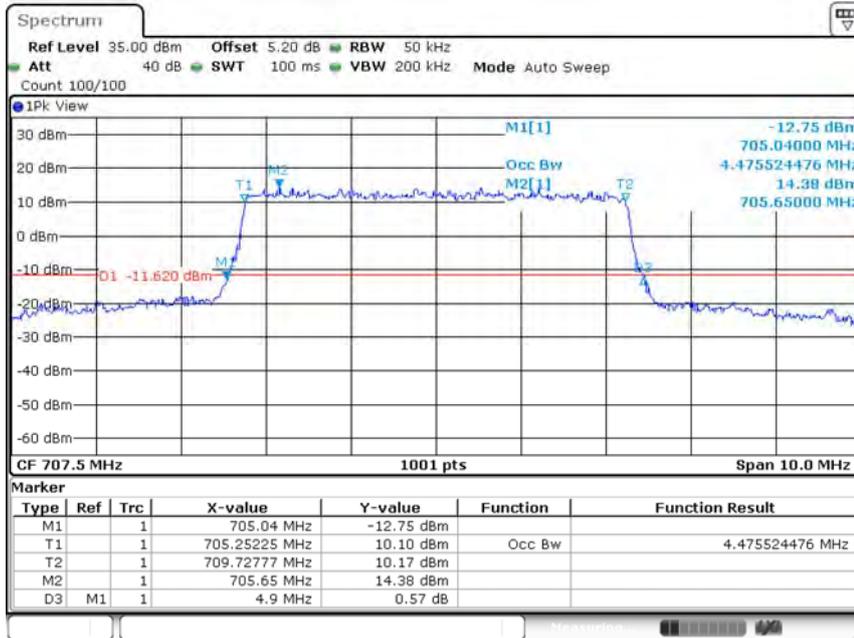


Date: 9 JUL 2021 20:32:55



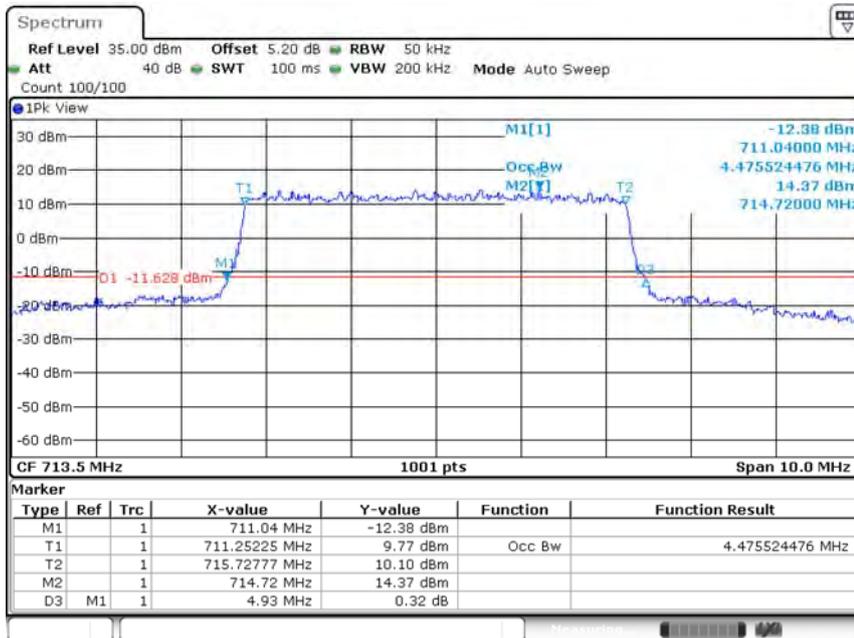
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**Band12-5MHz-64QAM-23095-25RB#0**



Date: 9 JUL 2021 20:33:20

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

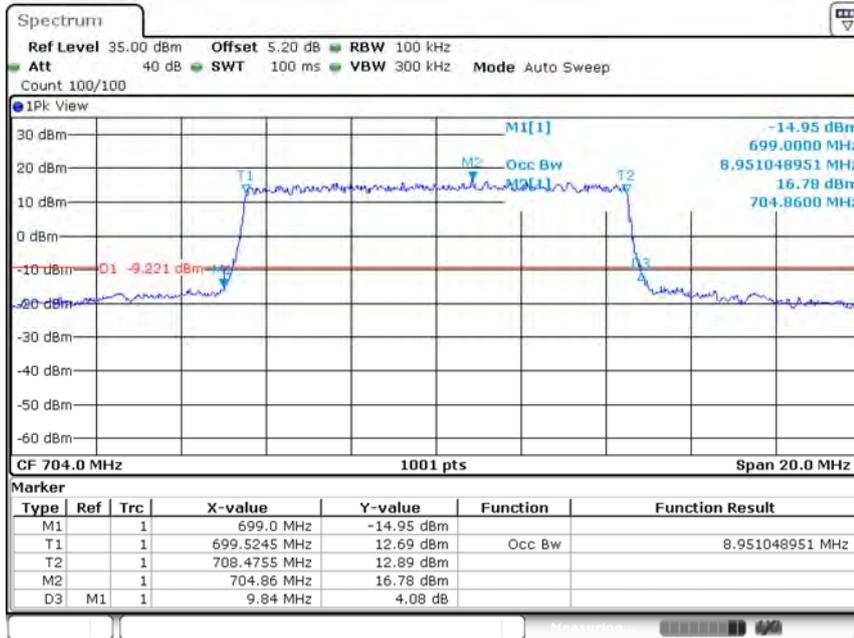


Date: 9 JUL 2021 20:33:46



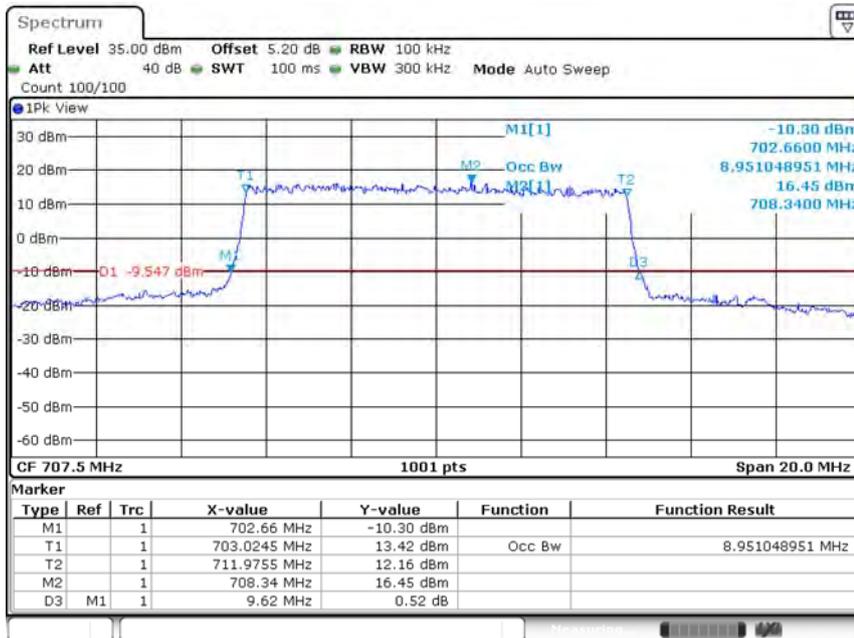
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**Band12-10MHz-QPSK-23060-50RB#0**



Date: 9 JUL 2021 00:48:07

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

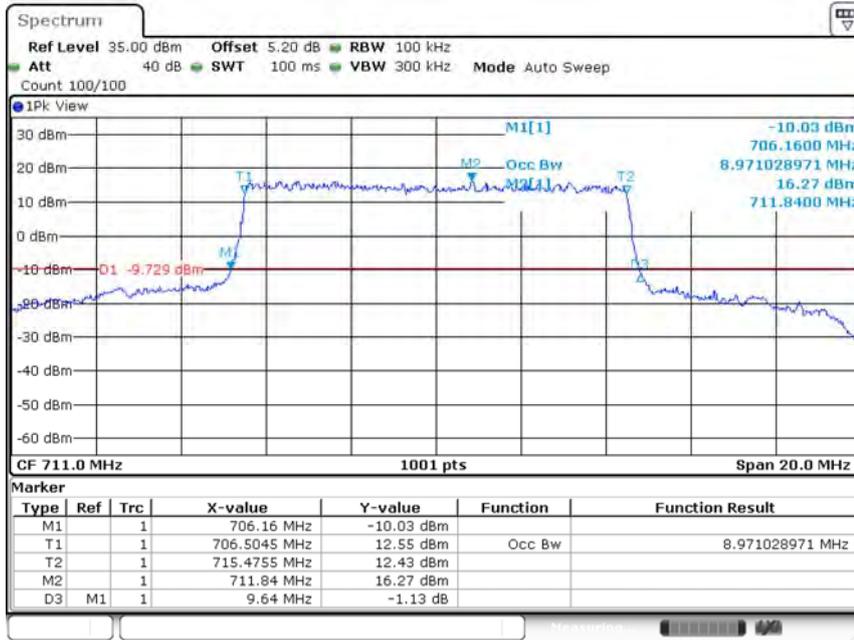


Date: 9 JUL 2021 00:48:58



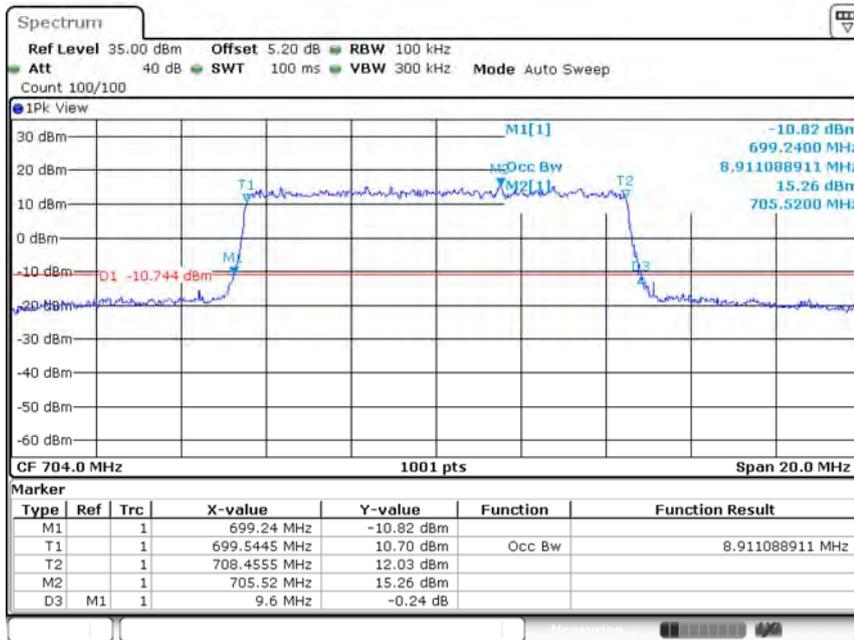
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**Band12-10MHz-QPSK-23130-50RB#0**



Date: 9 JUL 2021 00:49:48

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

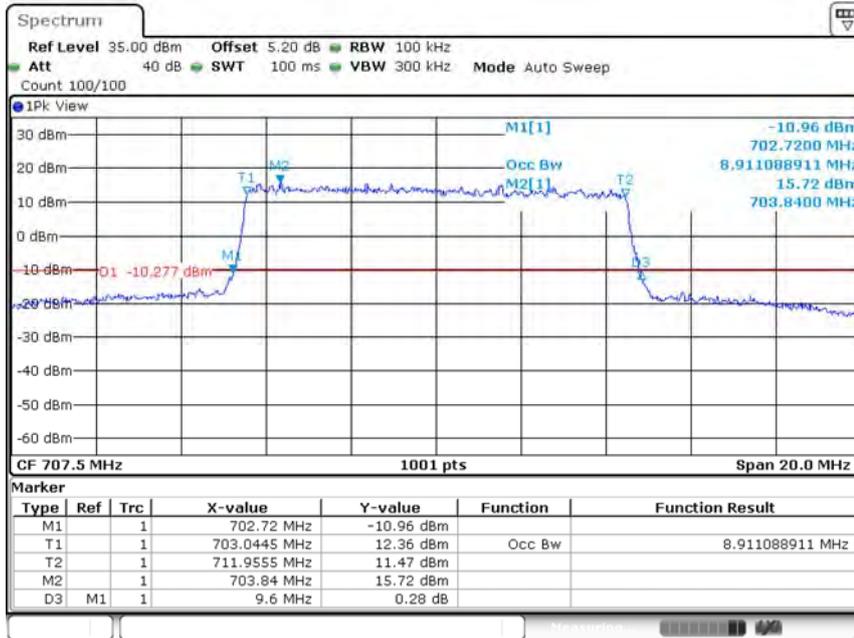


Date: 9 JUL 2021 00:48:32



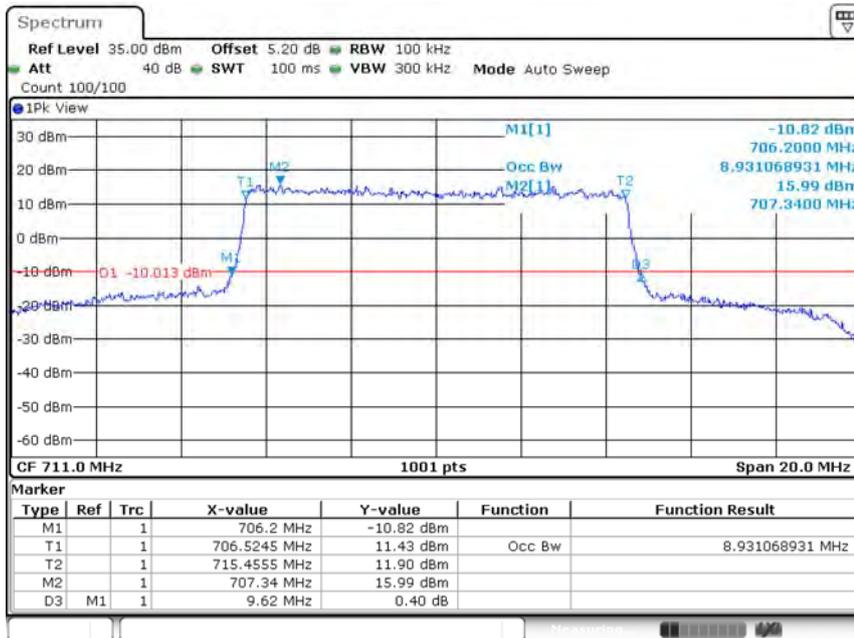
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**Band12-10MHz-16QAM-23095-50RB#0**



Date: 9 JUL 2021 00:49:23

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

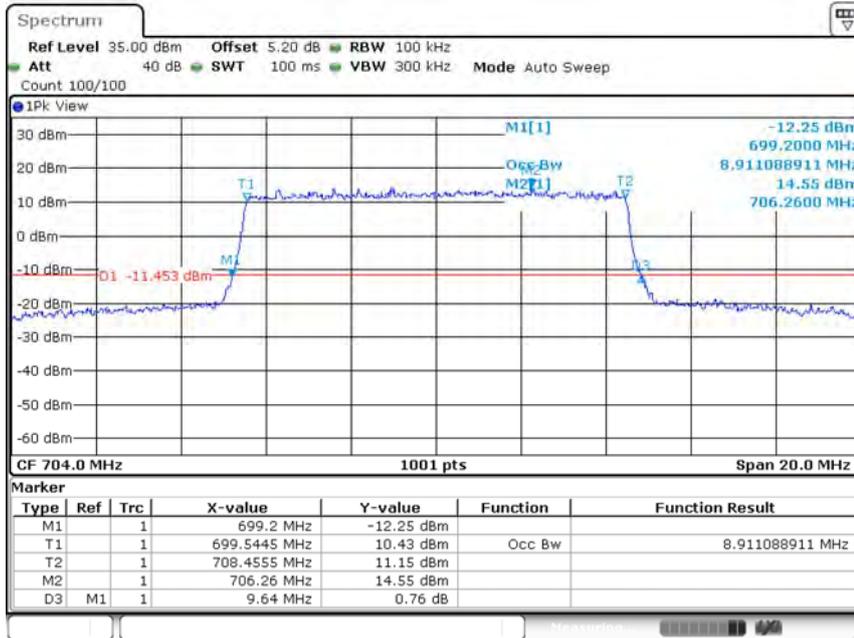


Date: 9 JUL 2021 00:50:14



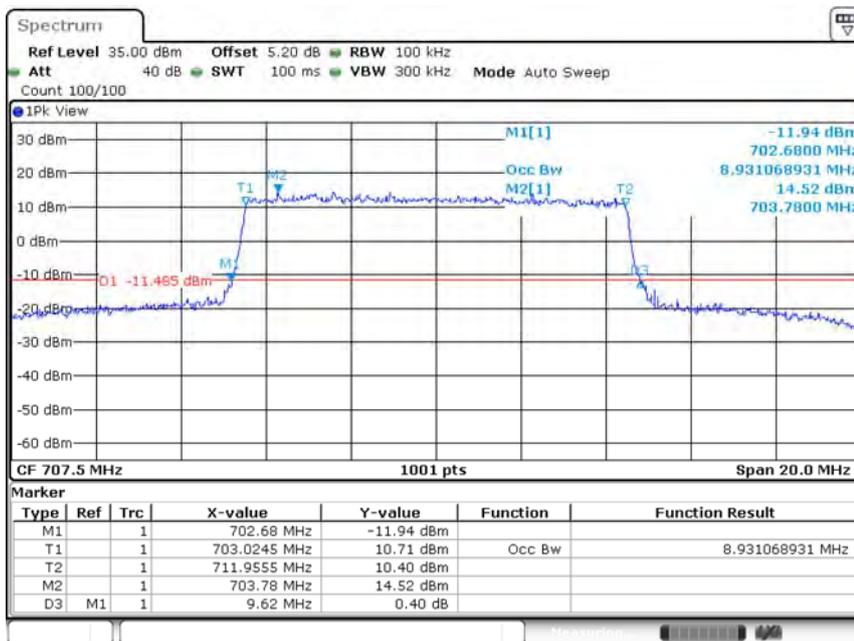
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**Band12-10MHz-64QAM-23060-50RB#0**



Date: 9 JUL 2021 20:34:31

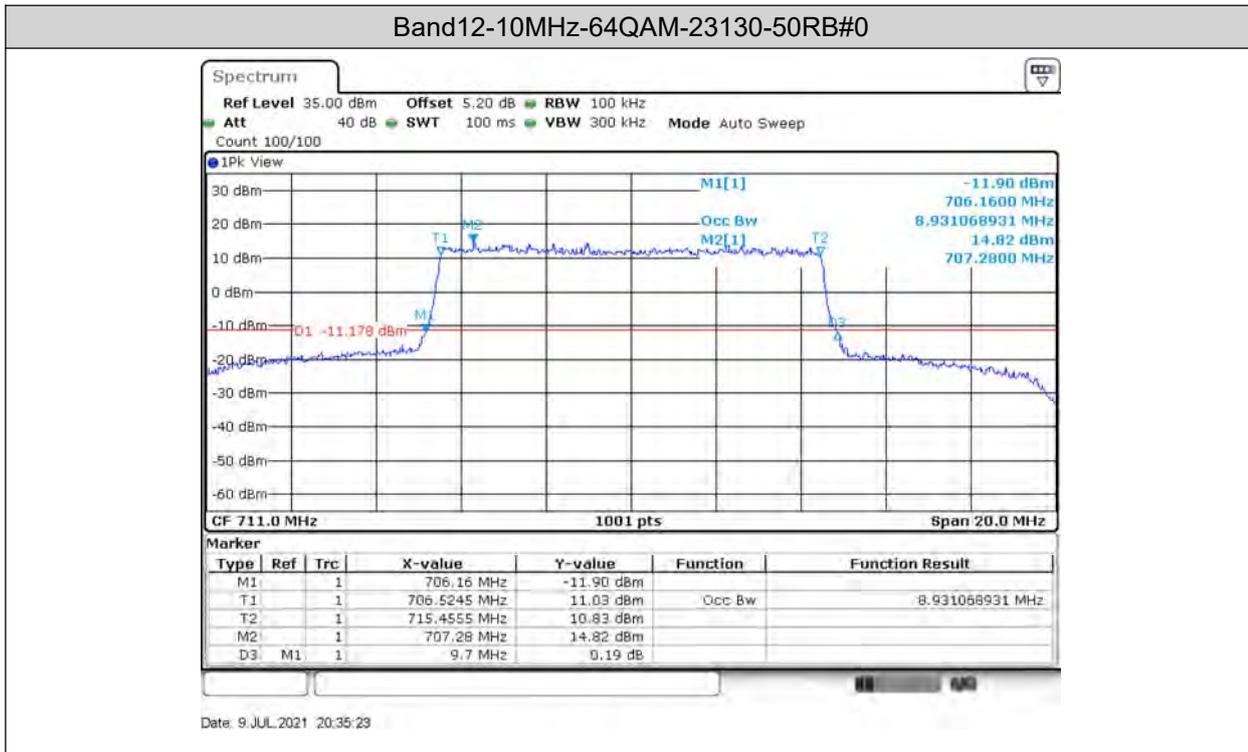
**Band12-10MHz-64QAM-23095-50RB#0**



Date: 9 JUL 2021 20:34:57



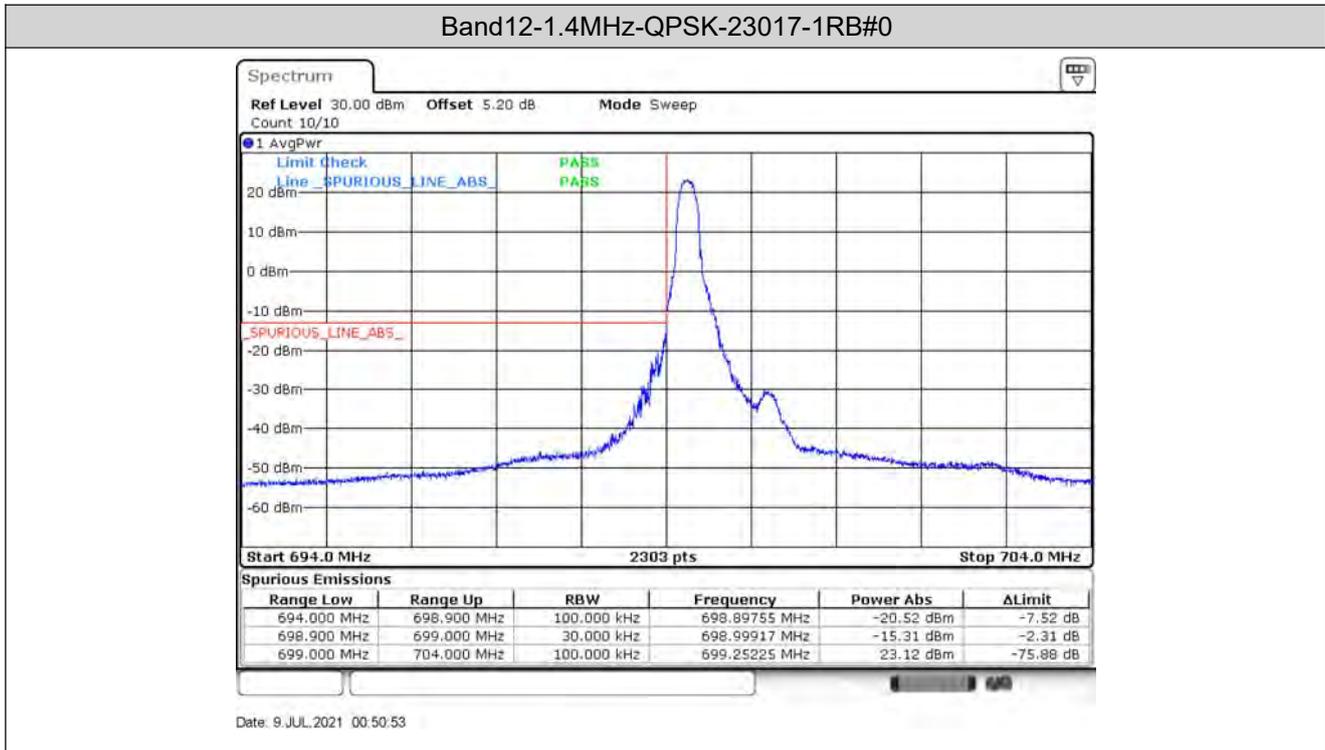
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## 5. Band Edge Compliance

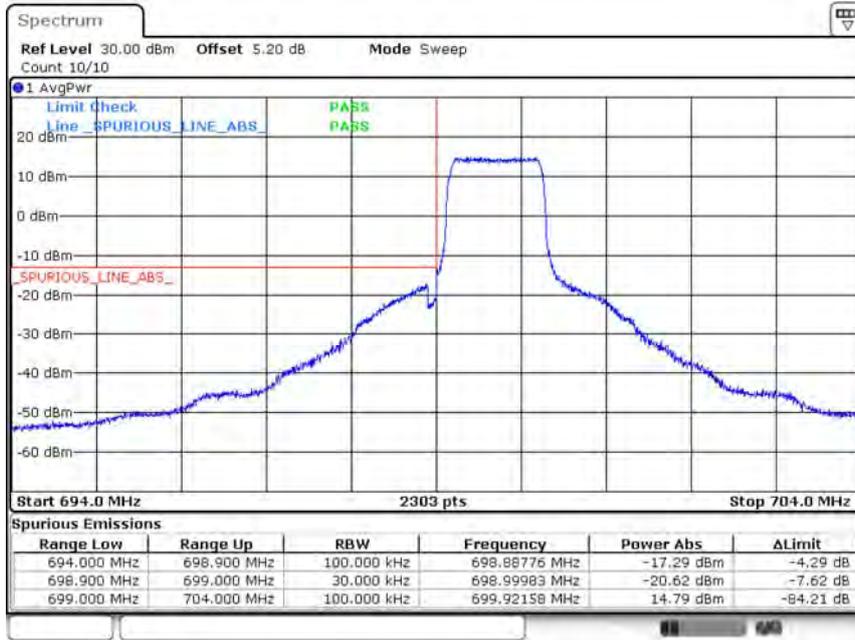
### 5.1. Test Plots



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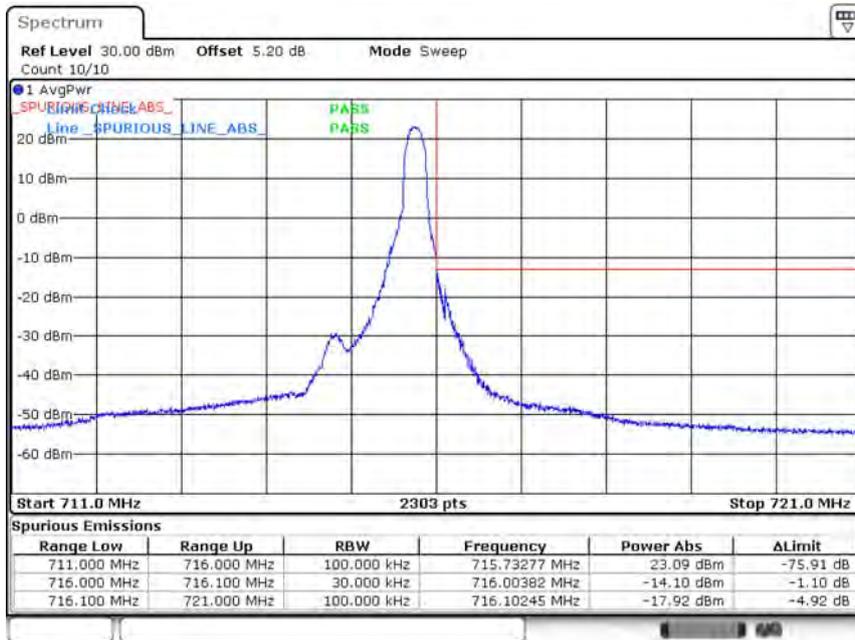
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**Band12-1.4MHz-QPSK-23017-6RB#0**



Date: 9 JUL 2021 00:51:26

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



Date: 9 JUL 2021 00:52:23

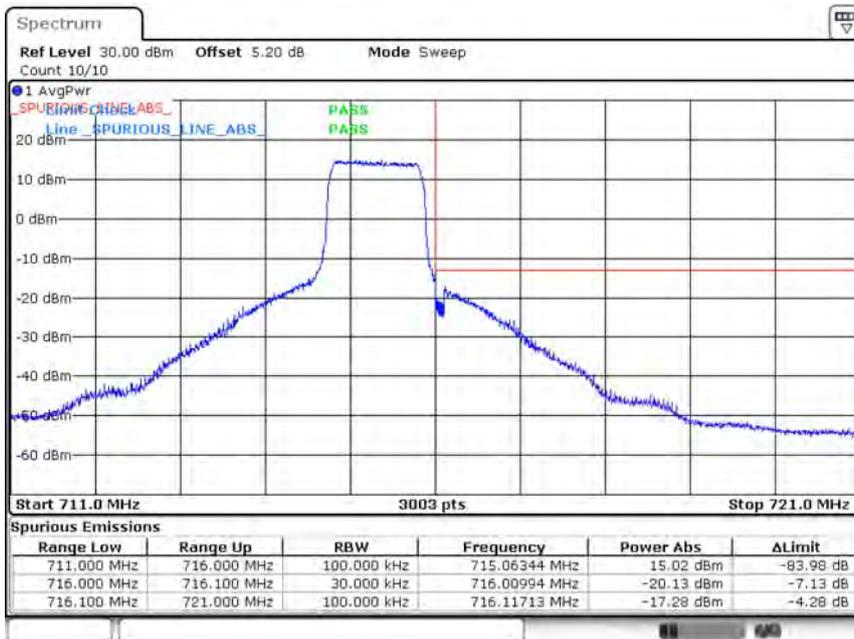


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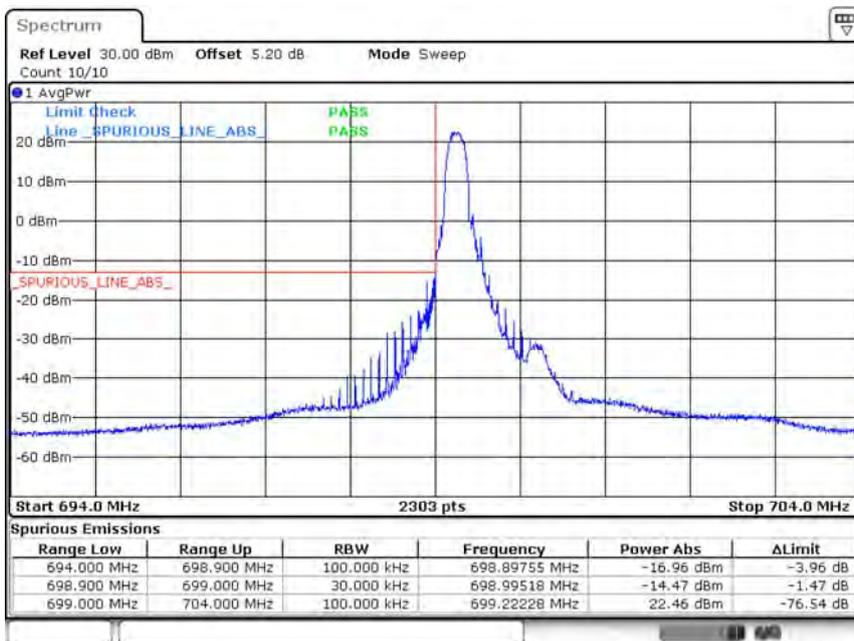
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**Band12-1.4MHz-QPSK-23173-6RB#0**



Date: 28.MAY.2021 20:52:37

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



Date: 9.JUL.2021 00:51:09

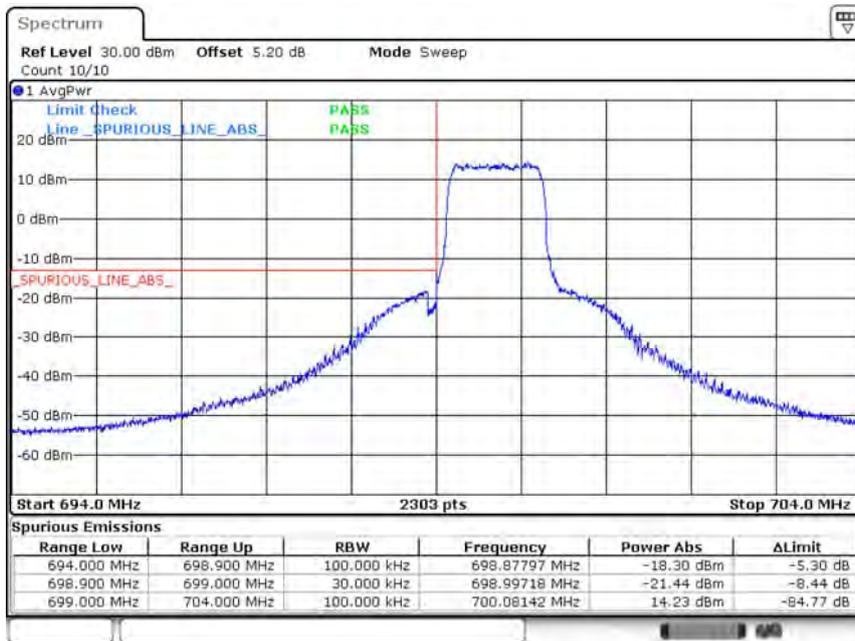


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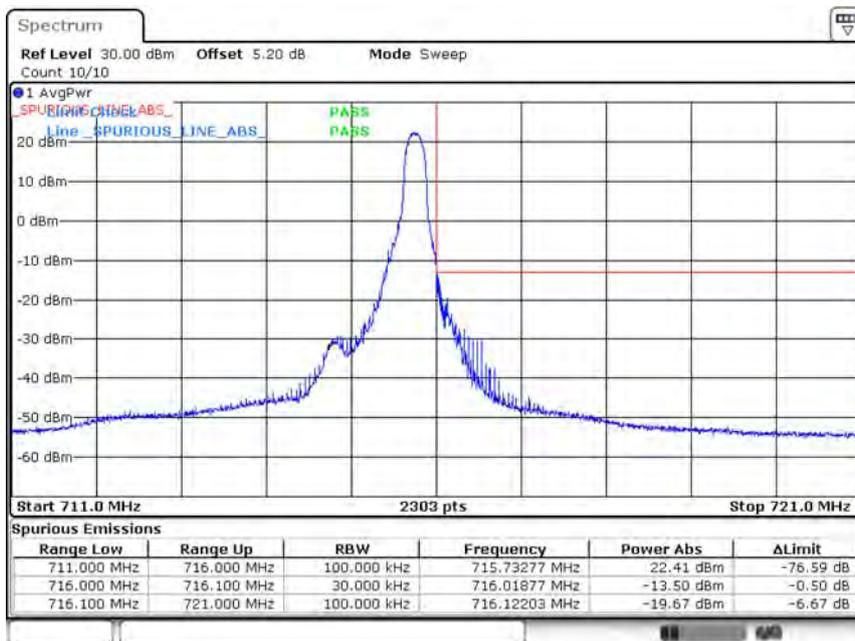
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**Band12-1.4MHz-16QAM-23017-6RB#0**



Date: 9 JUL 2021 00:51:42

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



Date: 9 JUL 2021 00:52:39

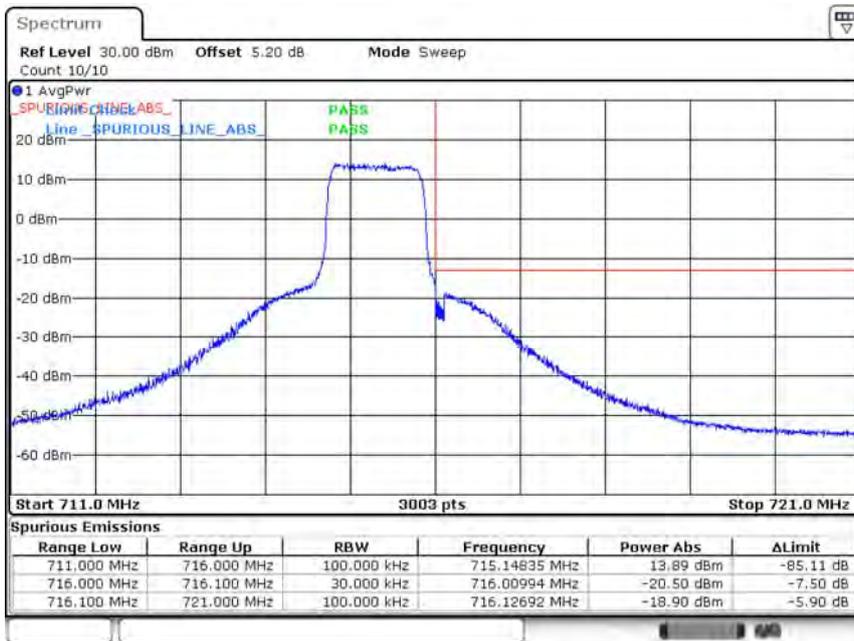


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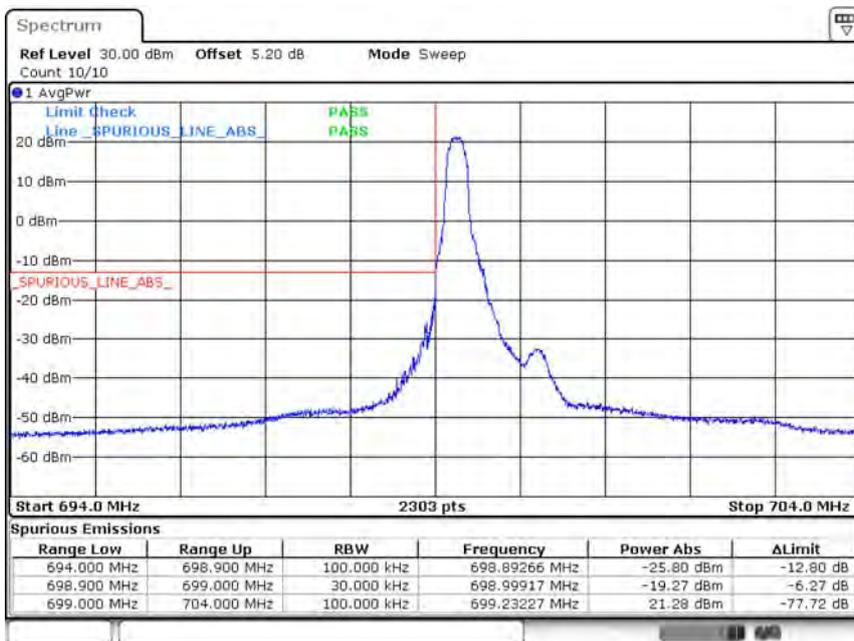
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**Band12-1.4MHz-16QAM-23173-6RB#0**



Date: 28.MAY.2021 20:52:53

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



Date: 9.JUL.2021 20:36:03

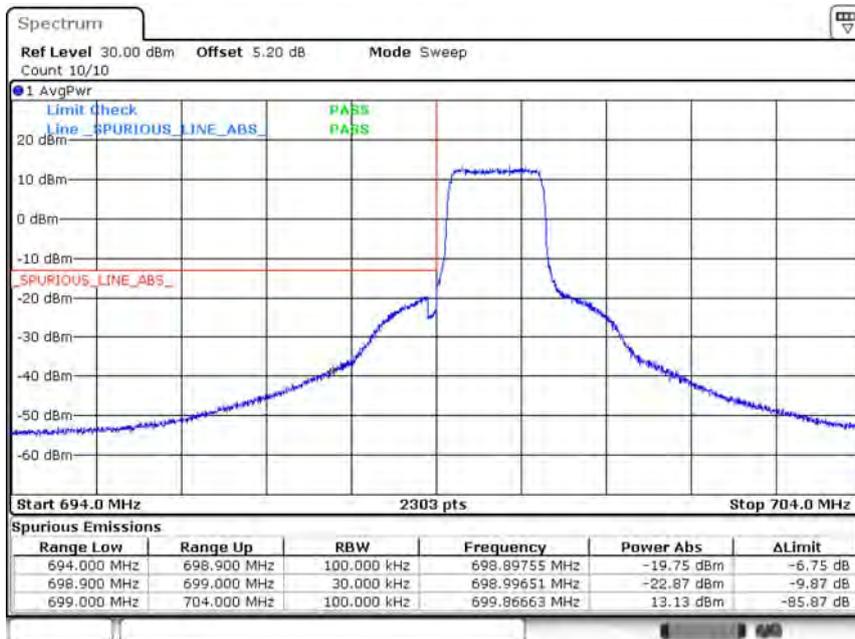


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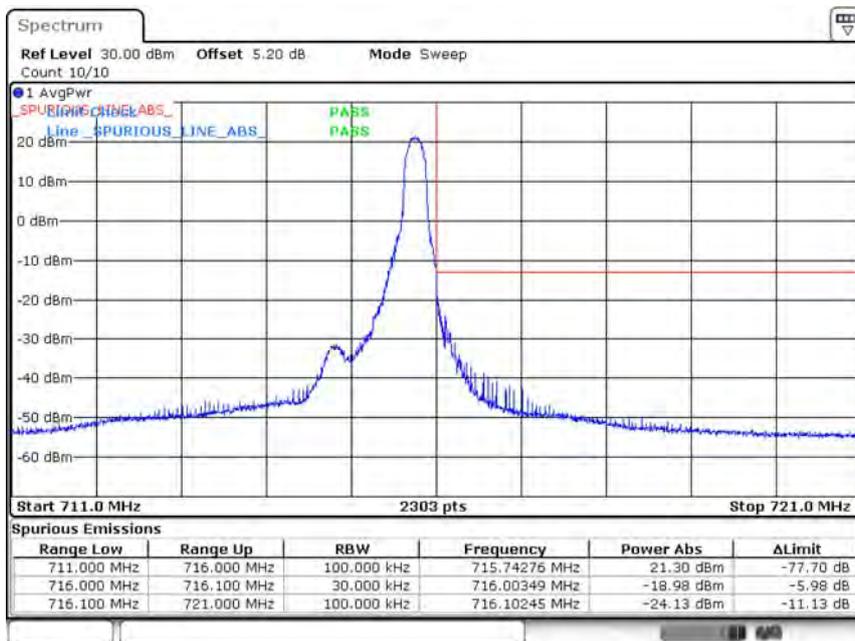
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Band12-1.4MHz-64QAM-23017-6RB#0



Date: 9 JUL 2021 20:36:19

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



Date: 9 JUL 2021 20:37:03

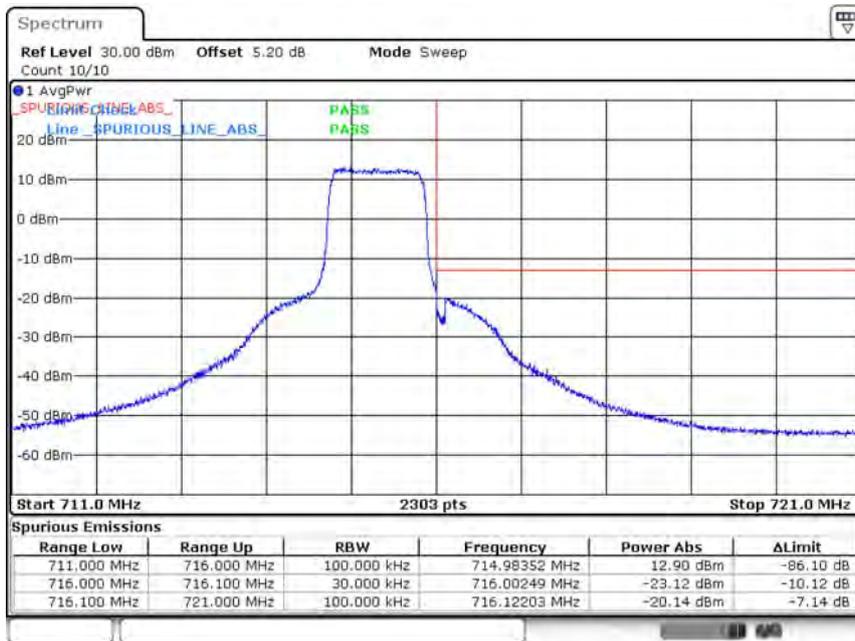


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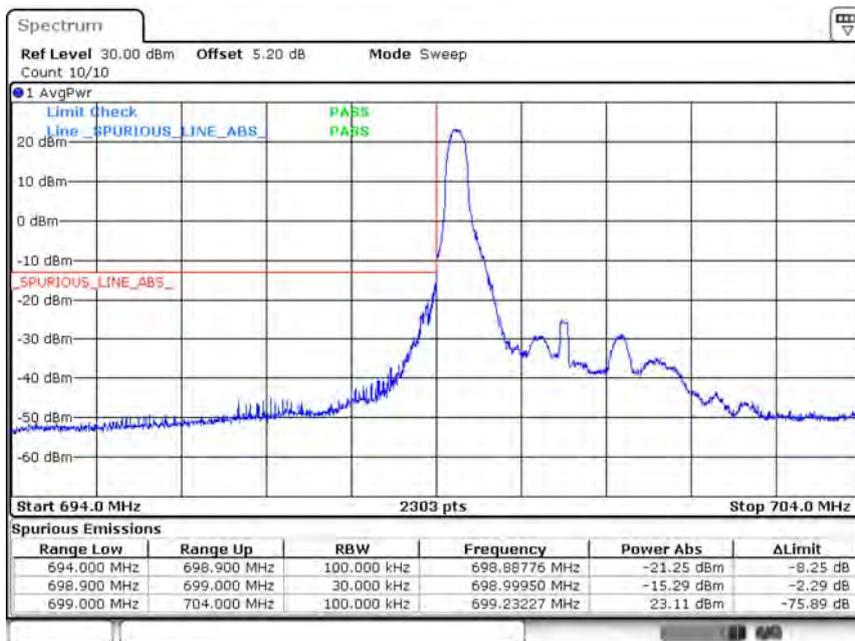
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**Band12-1.4MHz-64QAM-23173-6RB#0**



Date: 9 JUL 2021 20:37:20

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

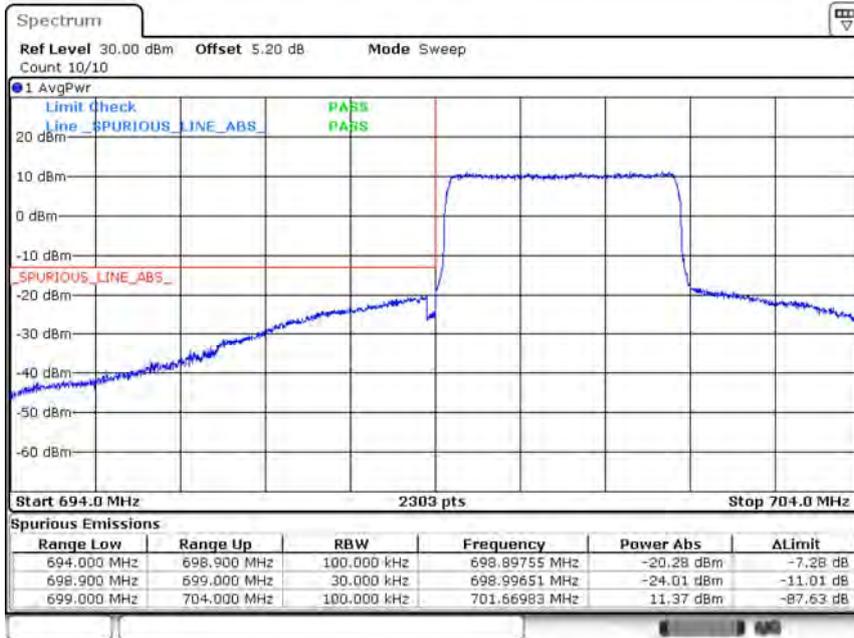


Date: 9 JUL 2021 00:53:20



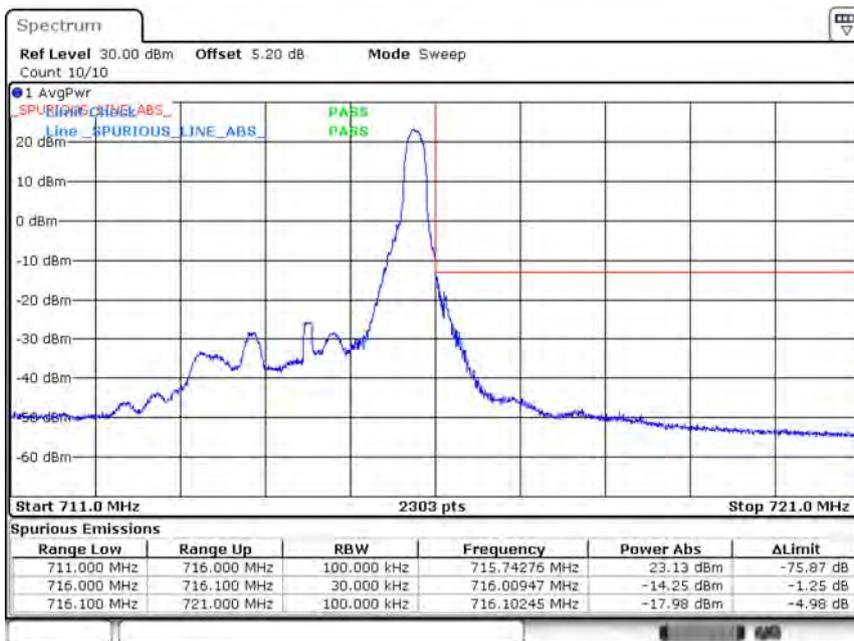
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**Band12-3MHz-QPSK-23025-15RB#0**



Date: 9.JUL.2021 00:53:53

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



Date: 9.JUL.2021 00:54:48



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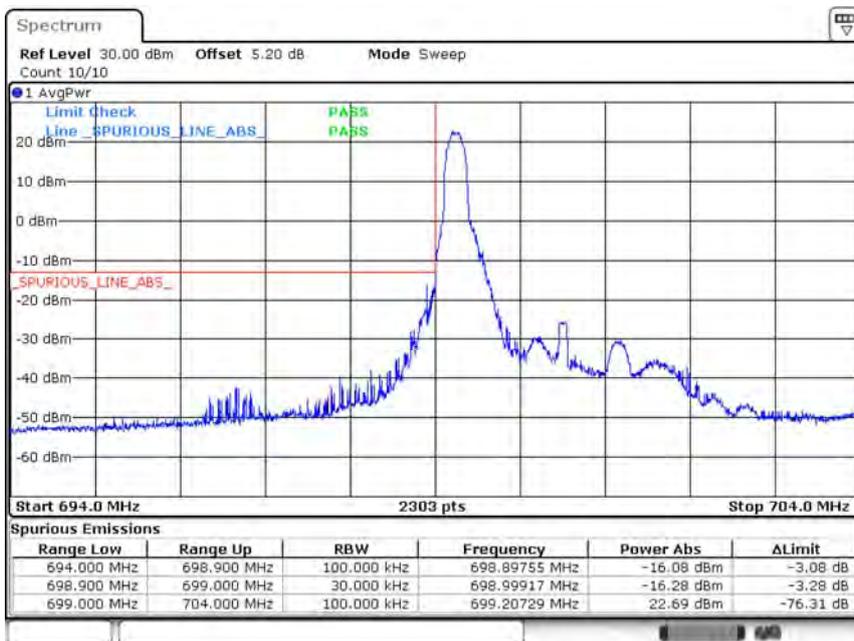
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**Band12-3MHz-QPSK-23165-15RB#0**



Date: 9.JUL.2021 00:55:21

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



Date: 9.JUL.2021 00:53:36

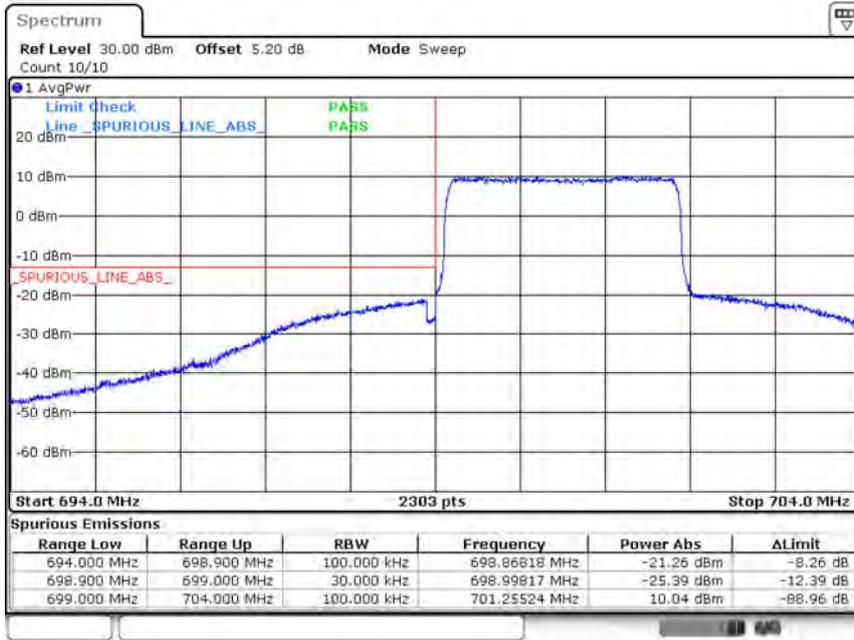


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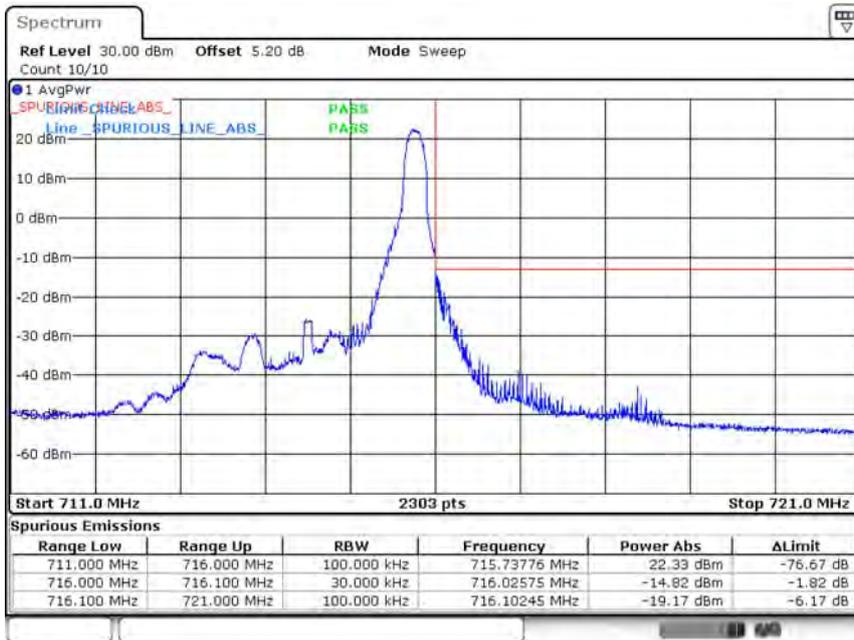
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**Band12-3MHz-16QAM-23025-15RB#0**



Date: 9 JUL 2021 00:54:09

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

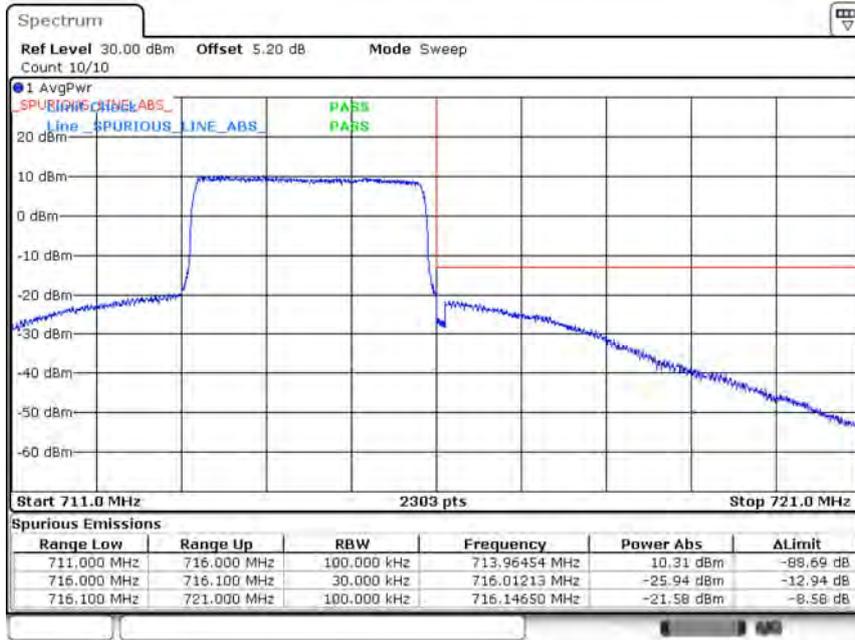


Date: 9 JUL 2021 00:55:04



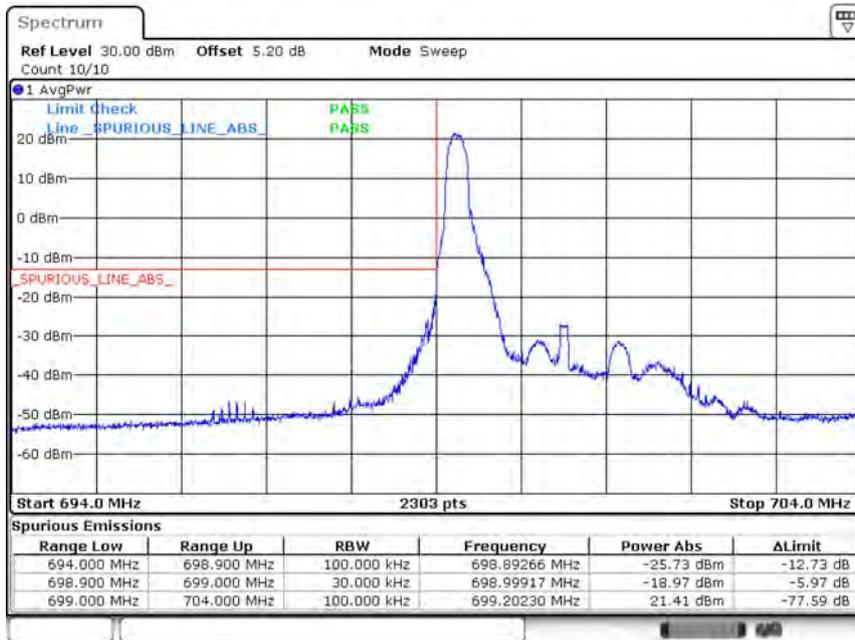
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**Band12-3MHz-16QAM-23165-15RB#0**



Date: 9 JUL 2021 00:55:38

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

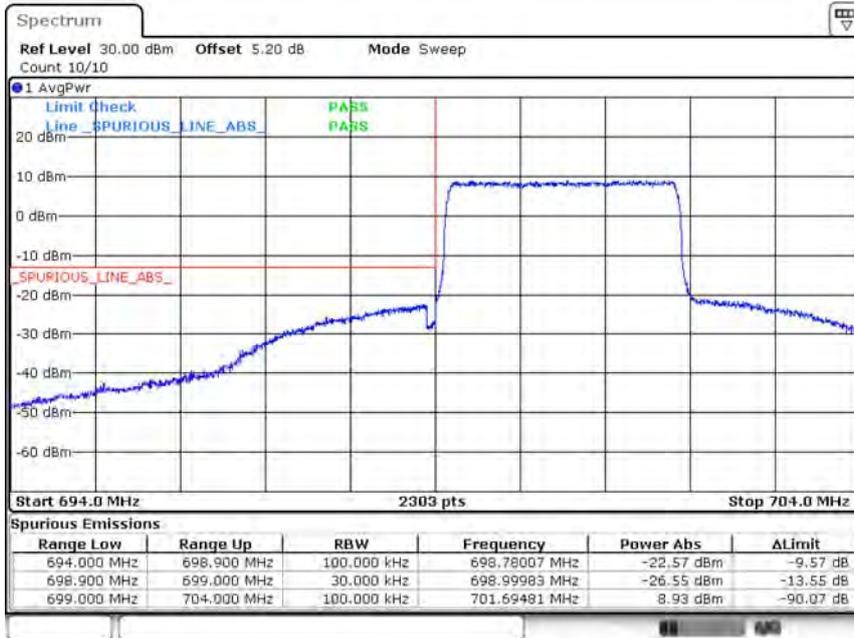


Date: 9 JUL 2021 20:38:00



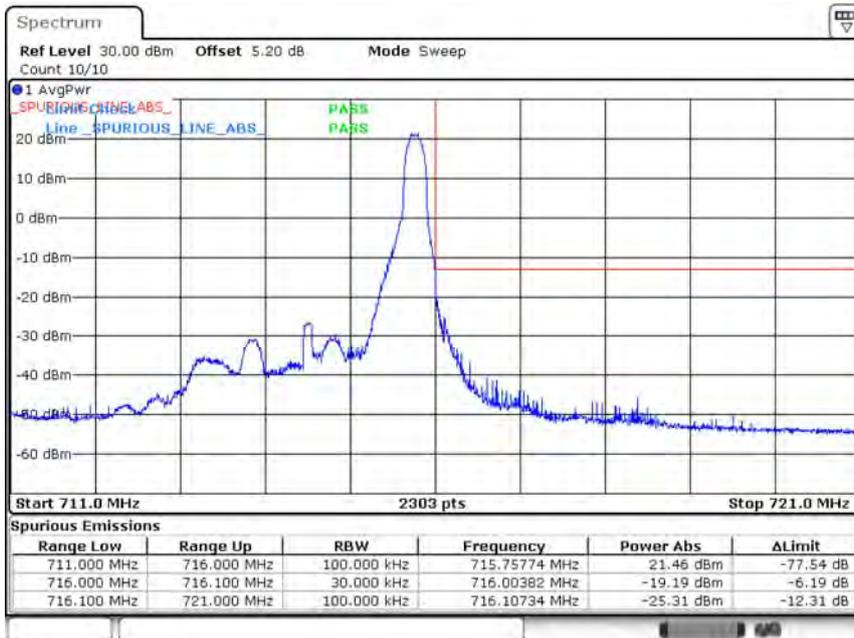
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**Band12-3MHz-64QAM-23025-15RB#0**



Date: 9 JUL 2021 20:38:17

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



Date: 9 JUL 2021 20:39:00



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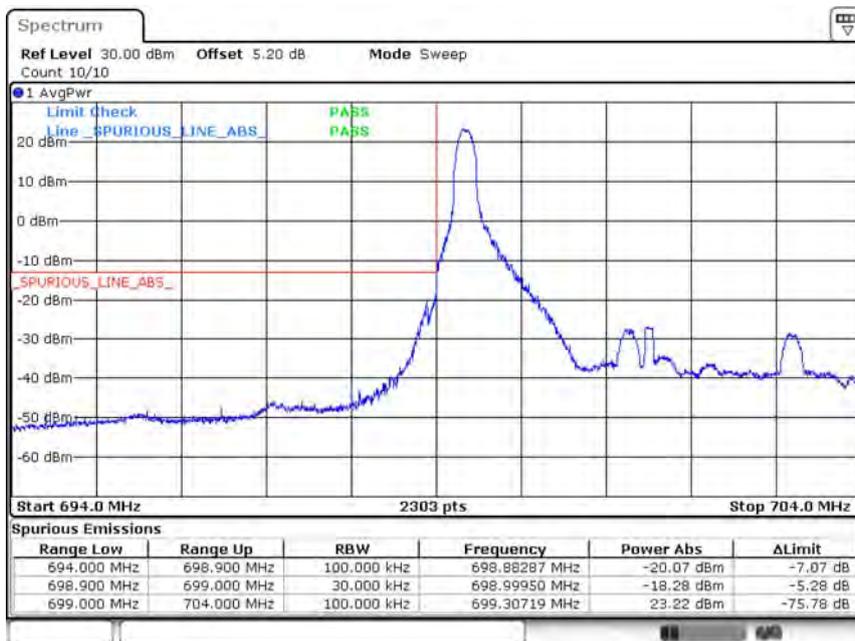
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**Band12-3MHz-64QAM-23165-15RB#0**



Date: 9 JUL 2021 20:39:17

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

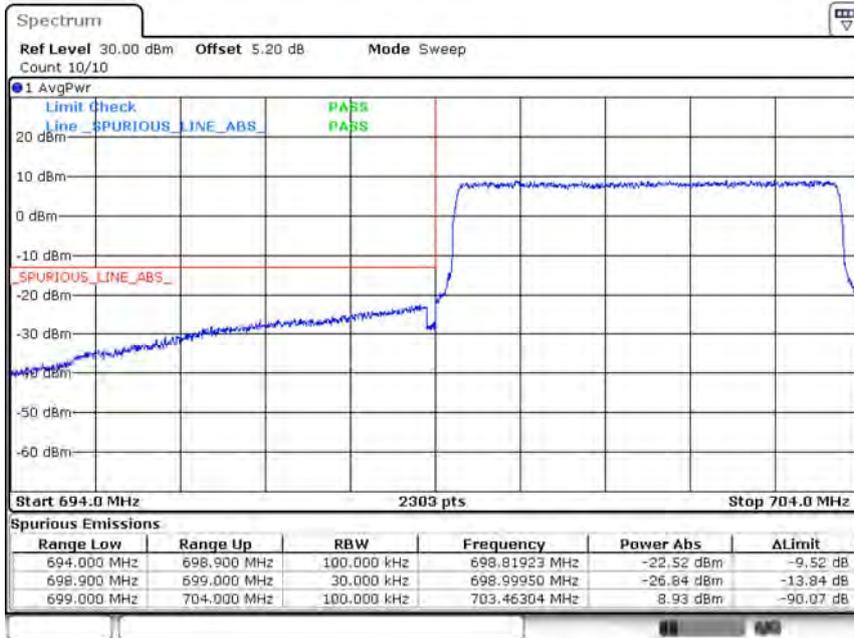


Date: 9 JUL 2021 00:56:25



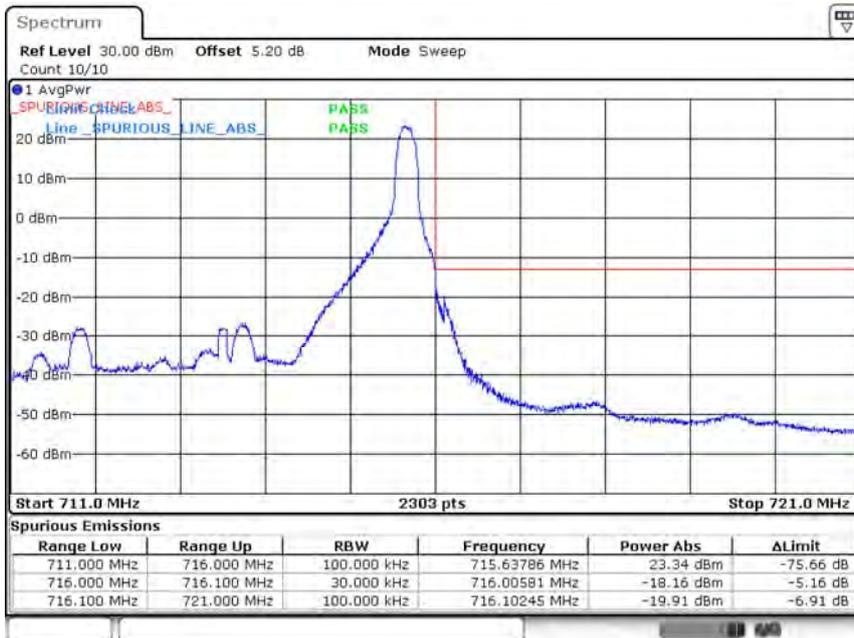
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**Band12-5MHz-QPSK-23035-25RB#0**



Date: 9.JUL.2021 00:57:00

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

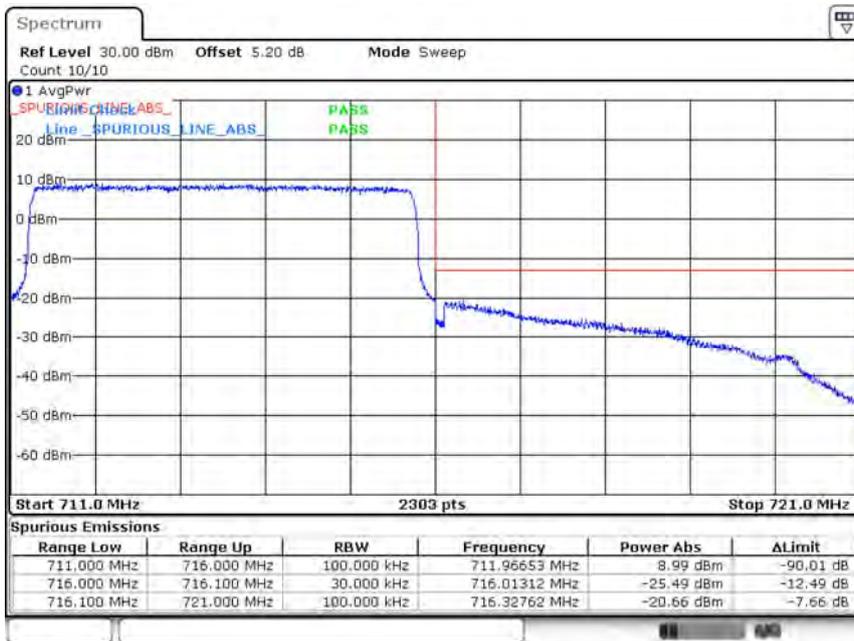


Date: 9.JUL.2021 00:57:55



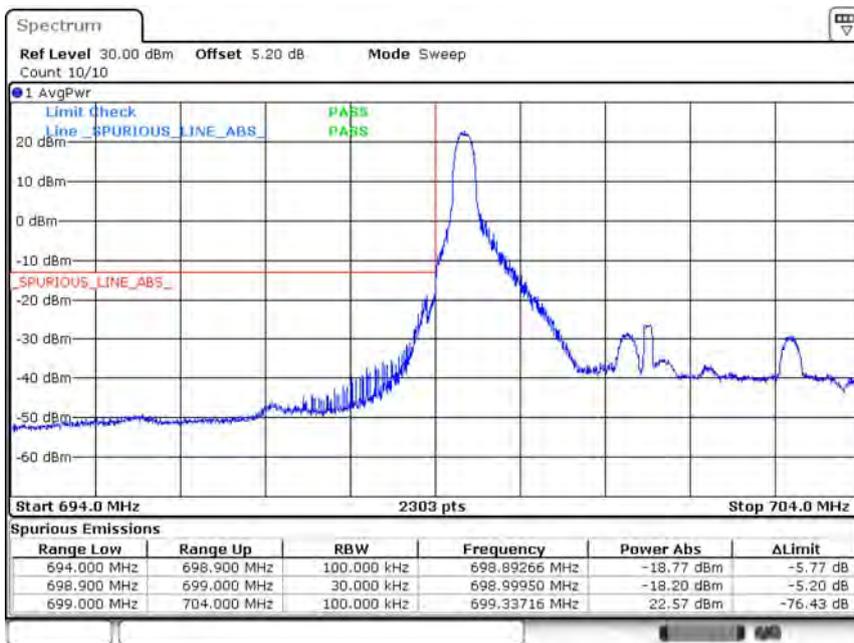
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**Band12-5MHz-QPSK-23155-25RB#0**



Date: 9.JUL.2021 00:58:28

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

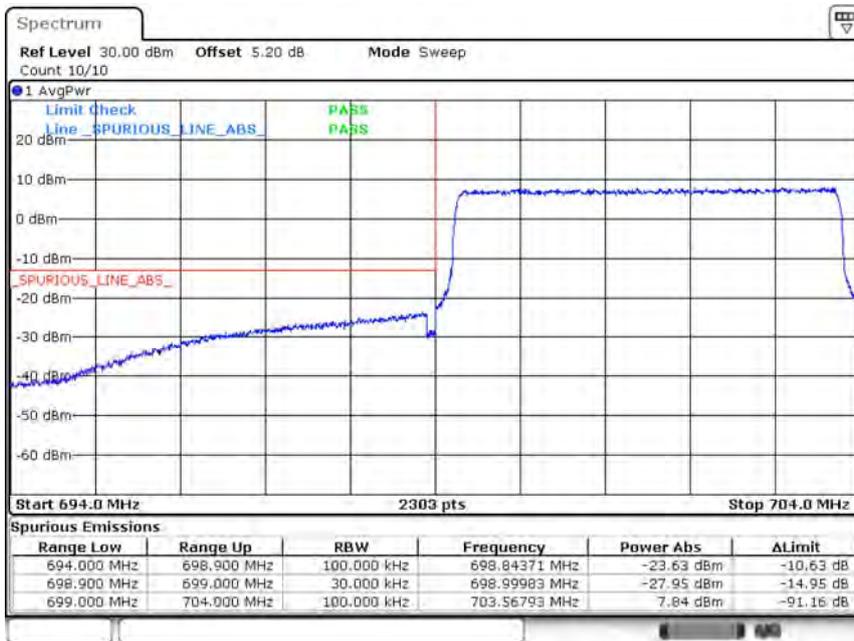


Date: 9.JUL.2021 00:56:42



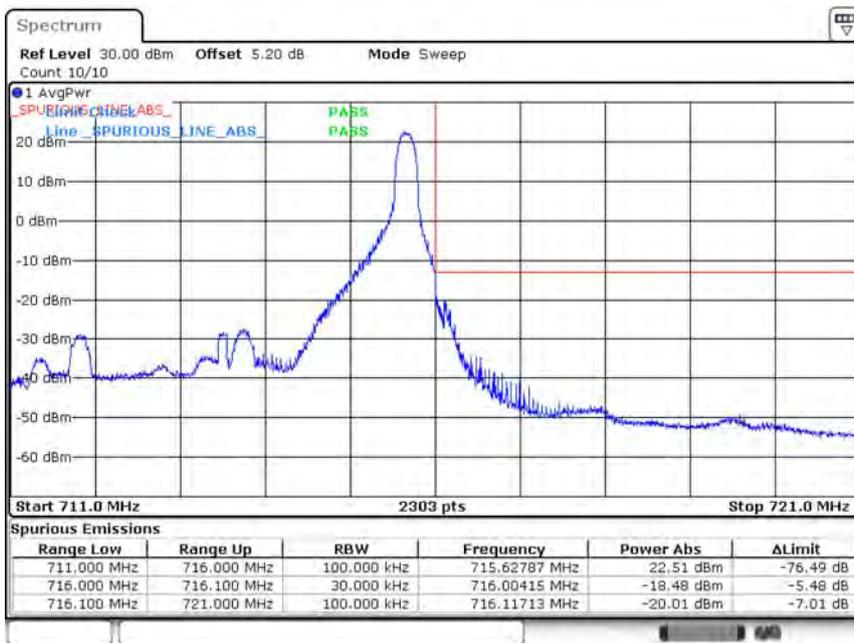
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**Band12-5MHz-16QAM-23035-25RB#0**



Date: 9 JUL 2021 00:57:16

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

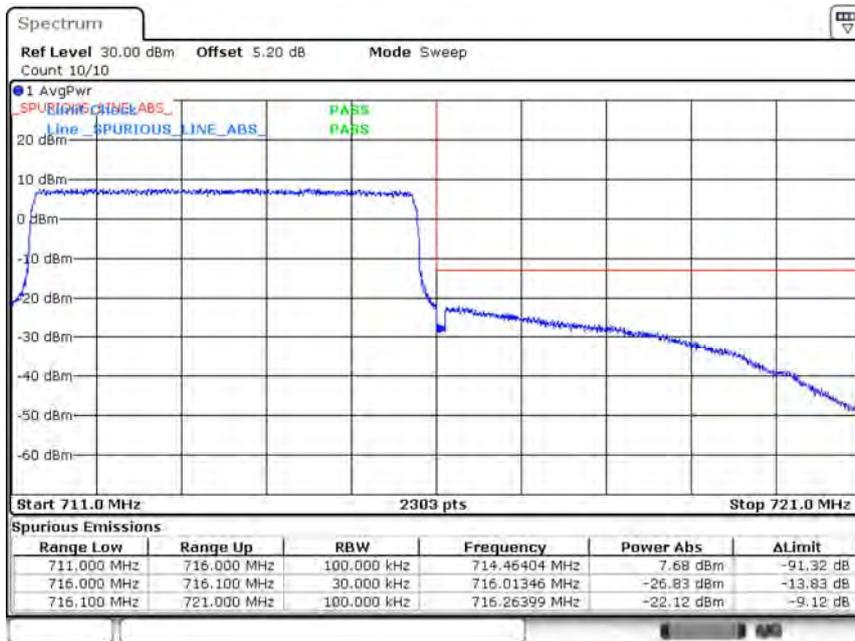


Date: 9 JUL 2021 00:58:11



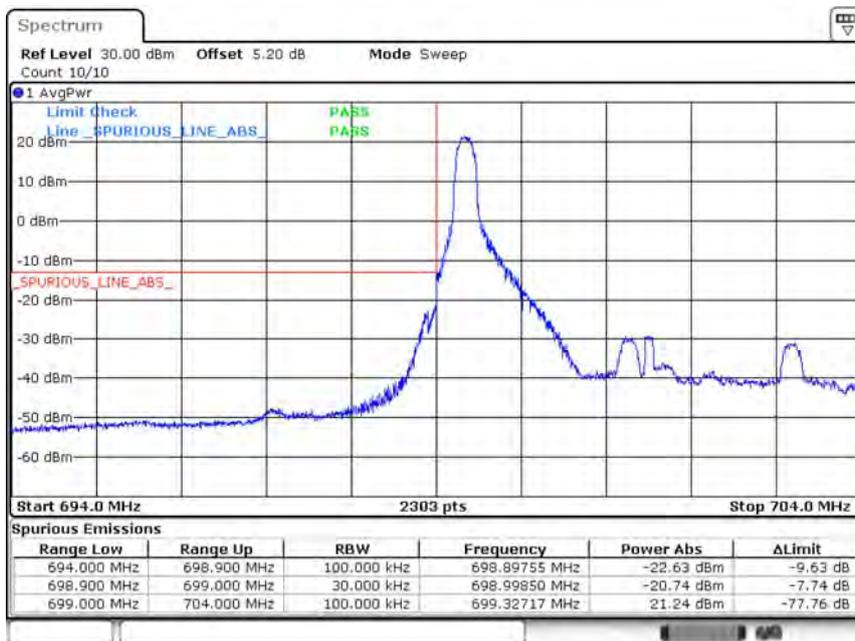
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**Band12-5MHz-16QAM-23155-25RB#0**



Date: 9.JUL.2021 00:58:44

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

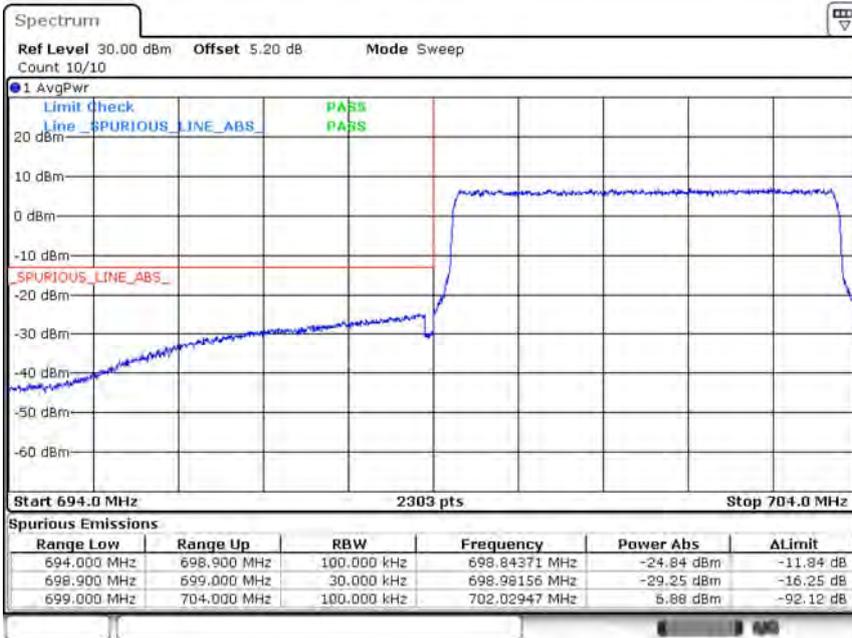


Date: 9.JUL.2021 20:40:05



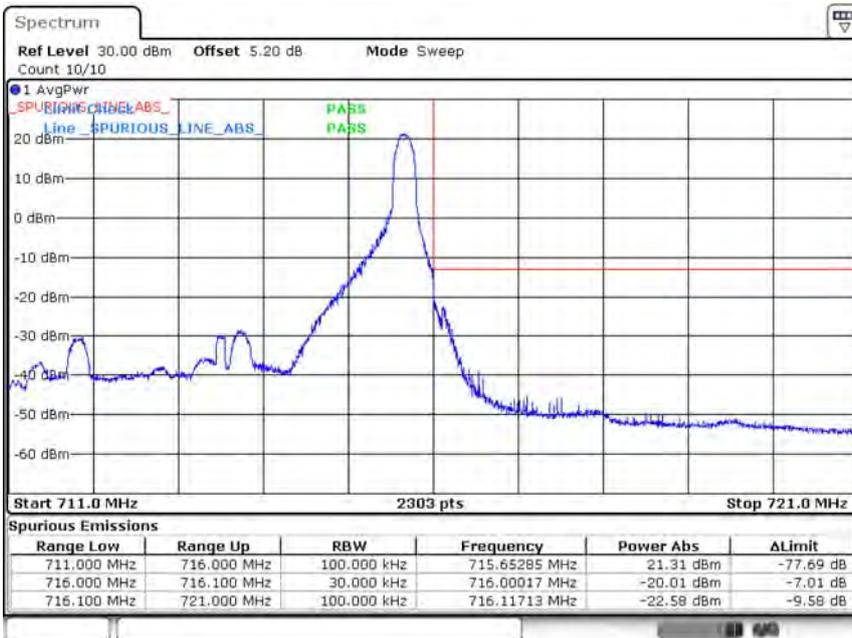
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**Band12-5MHz-64QAM-23035-25RB#0**



Date: 9.JUL.2021 20:40:24

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



Date: 9.JUL.2021 20:41:37

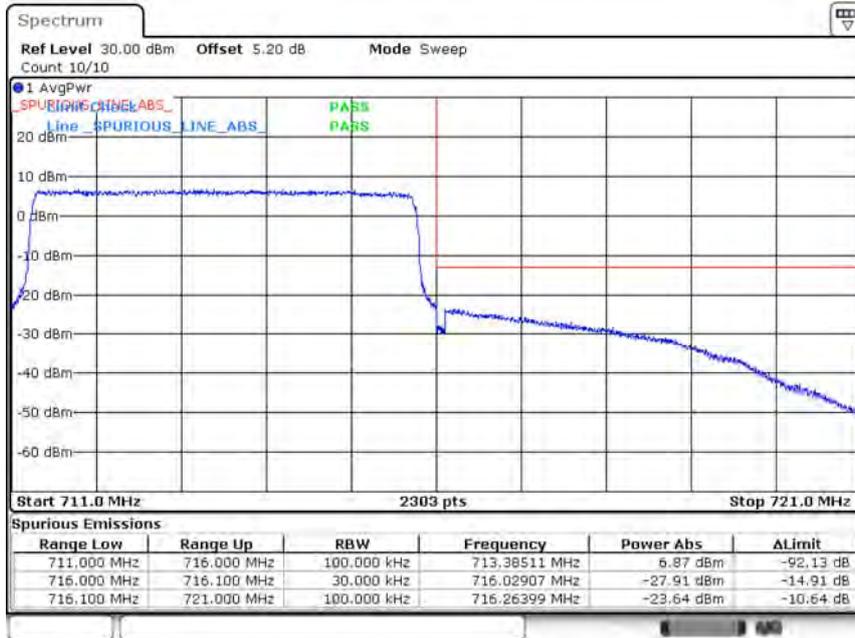


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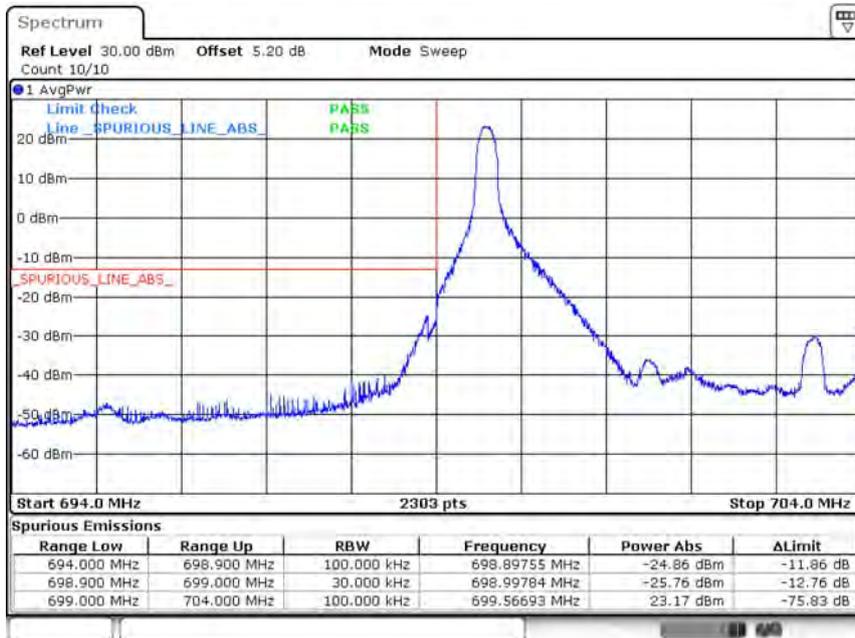
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**Band12-5MHz-64QAM-23155-25RB#0**



Date: 9 JUL 2021 20:41:54

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

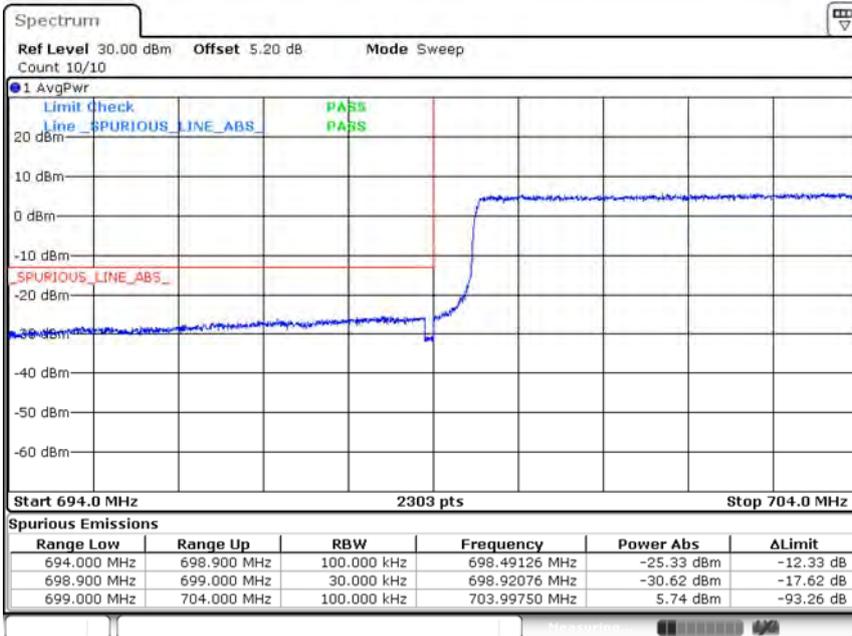


Date: 9 JUL 2021 00:59:26



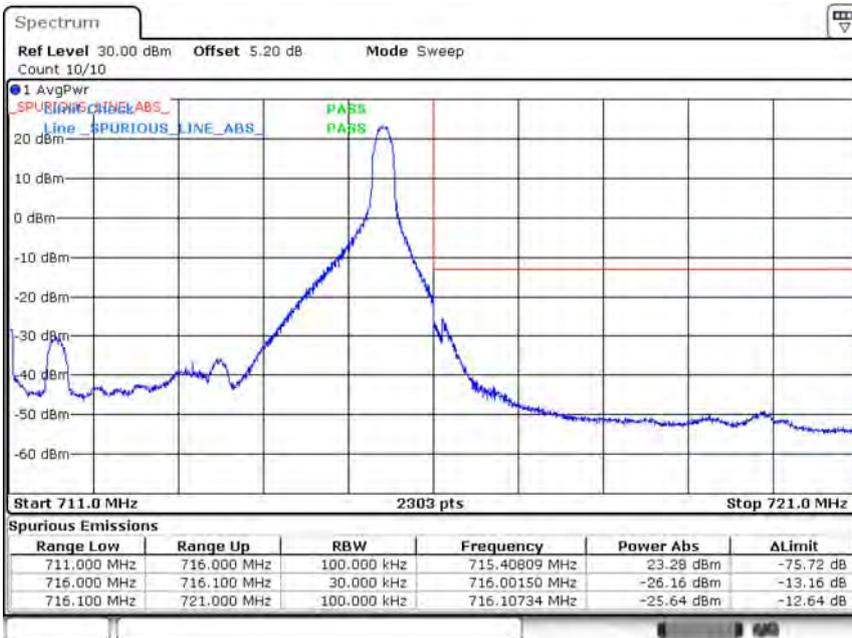
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Band12-10MHz-QPSK-23060-50RB#0



Date: 9 JUL 2021 00:59:59

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



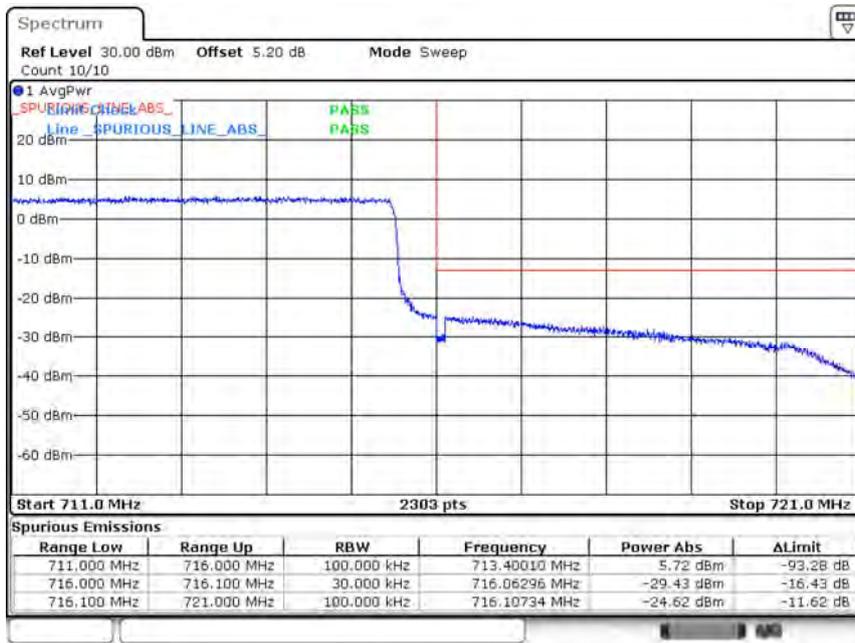
Date: 9 JUL 2021 01:00:58



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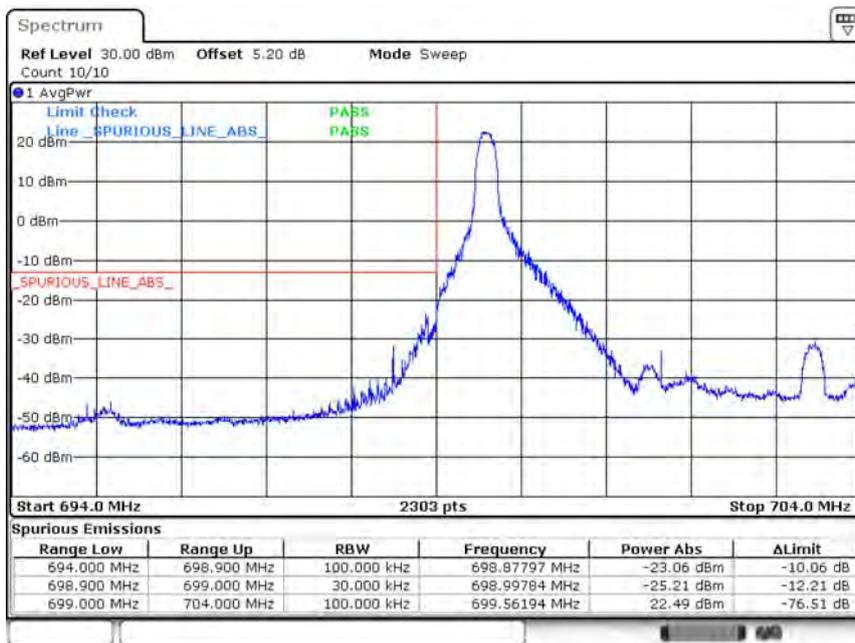
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**Band12-10MHz-QPSK-23130-50RB#0**



Date: 9.JUL.2021 01:01:30

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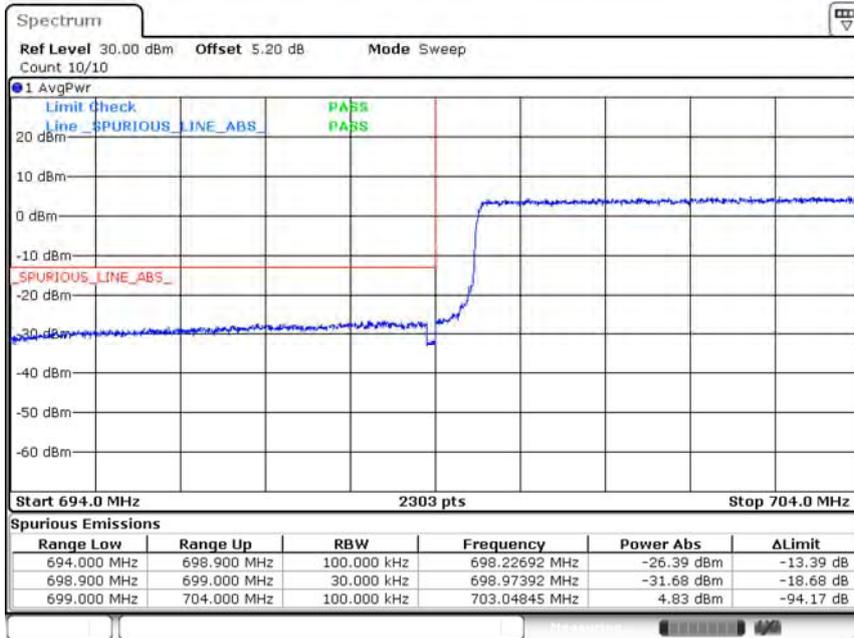


Date: 9.JUL.2021 00:59:42



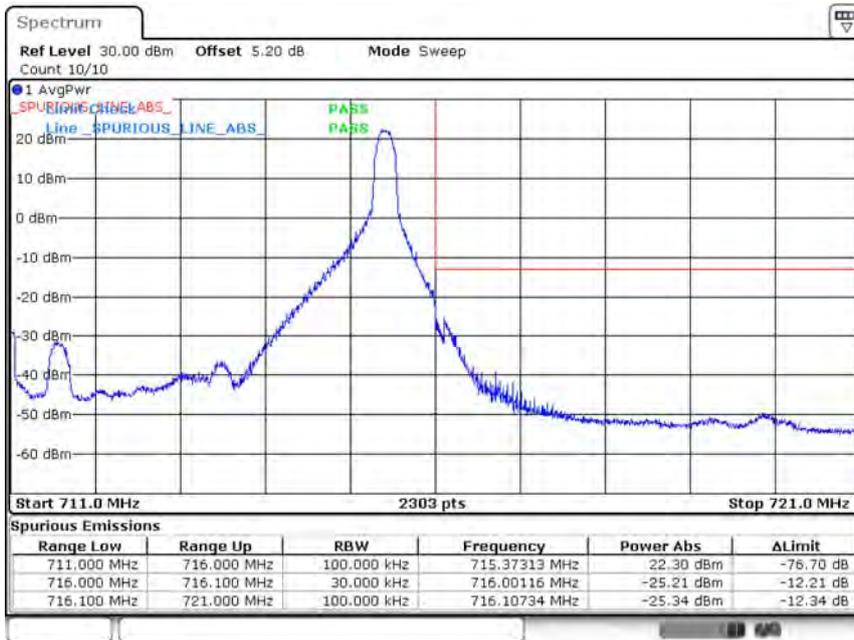
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**Band12-10MHz-16QAM-23060-50RB#0**



Date: 9 JUL 2021 01:00:15

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

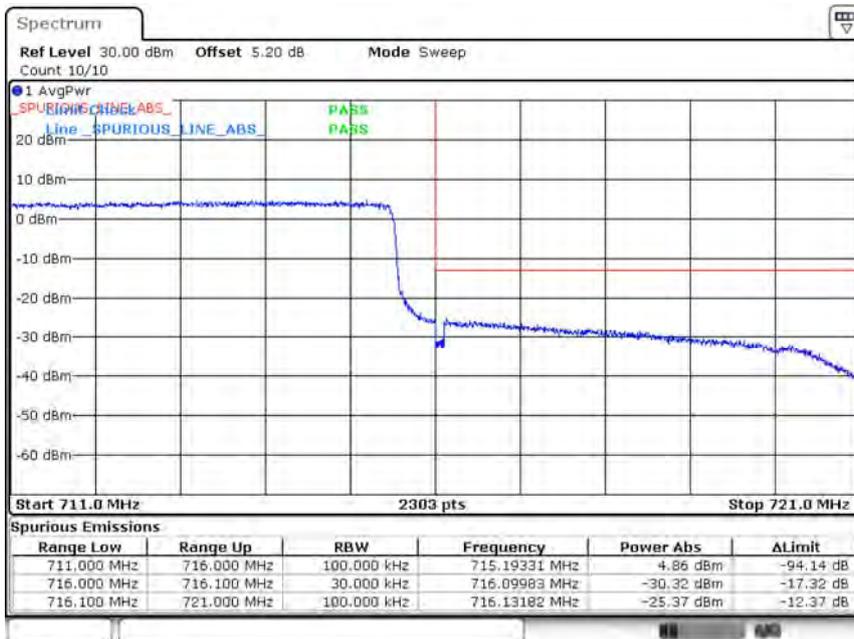


Date: 9 JUL 2021 01:01:14



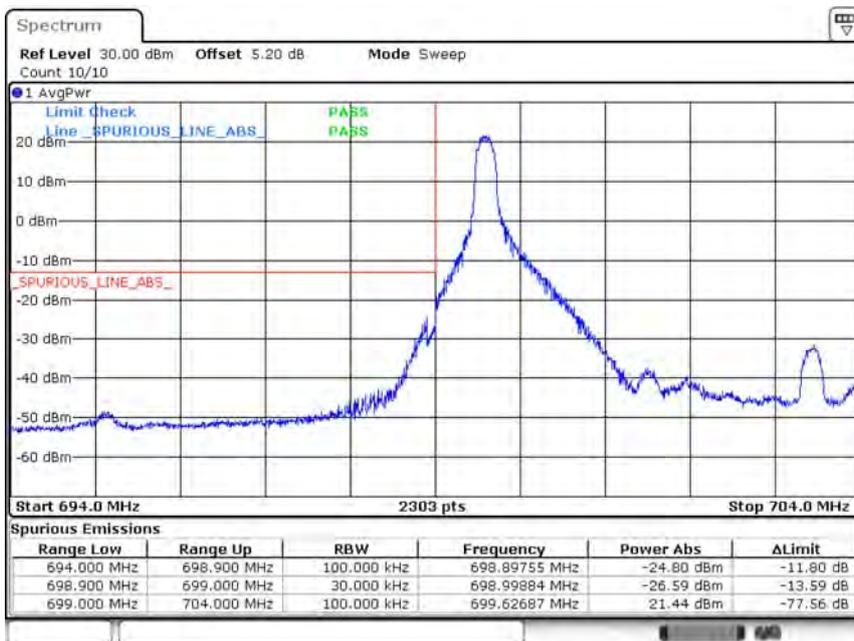
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**Band12-10MHz-16QAM-23130-50RB#0**



Date: 9.JUL.2021 01:01:46

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

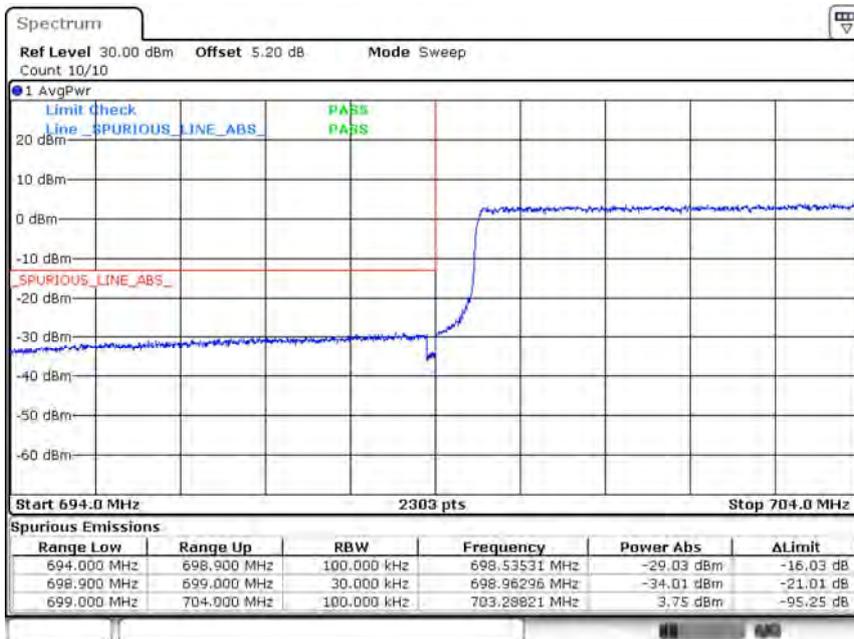


Date: 9.JUL.2021 20:43:07



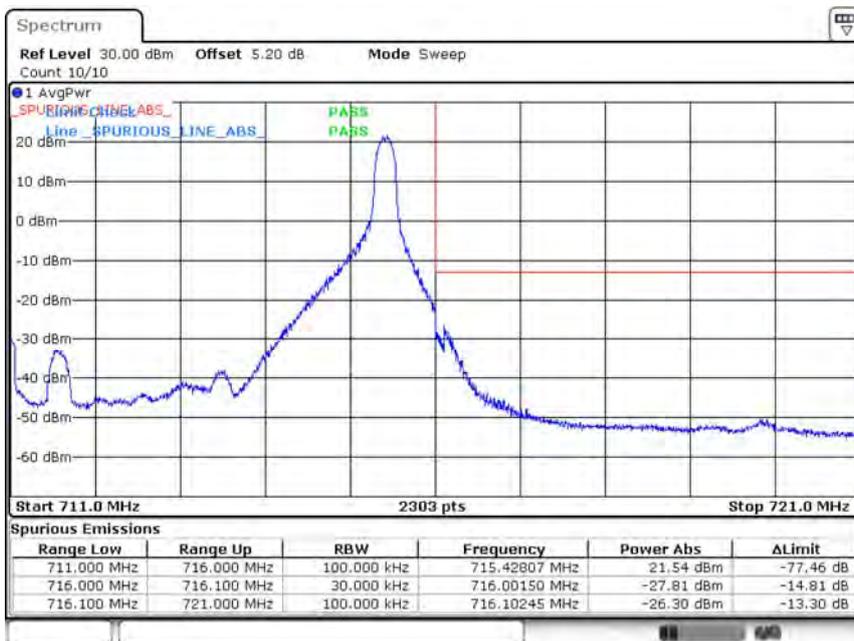
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**Band12-10MHz-64QAM-23060-50RB#0**



Date: 9.JUL.2021 20:43:23

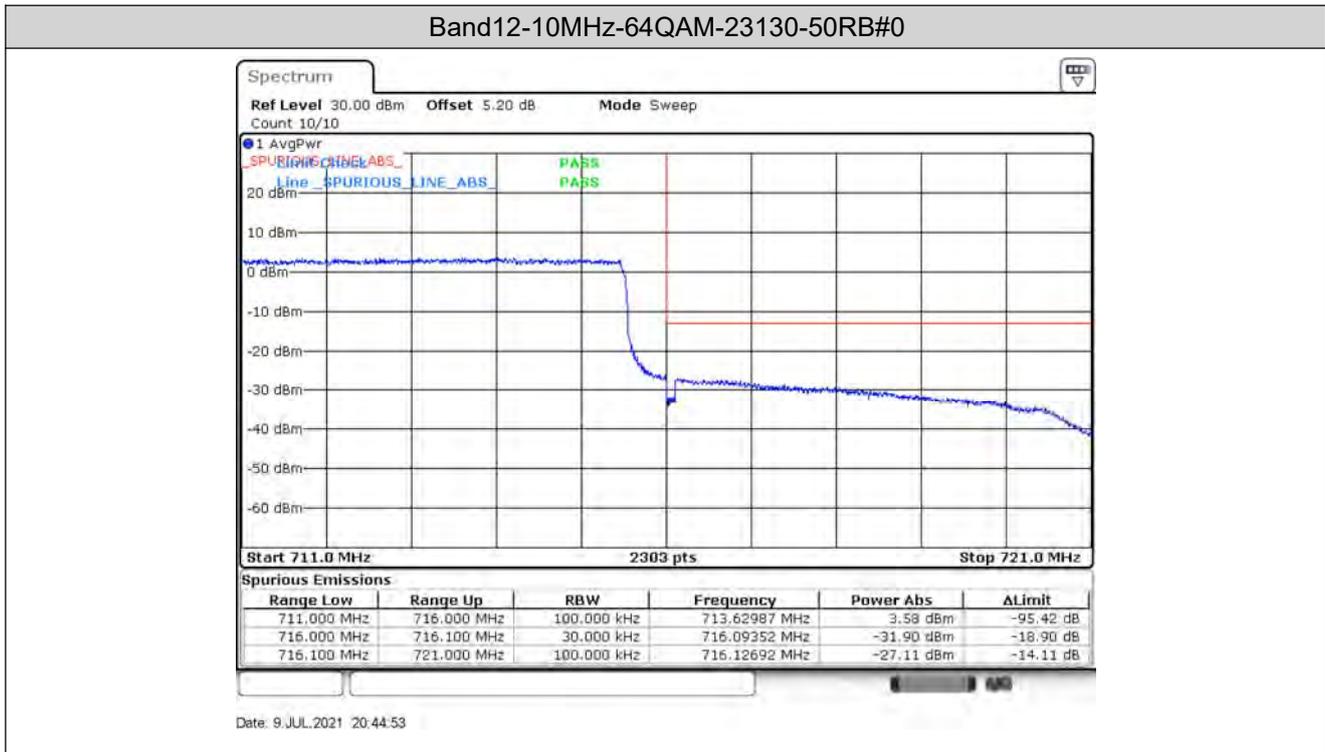
**Band12-10MHz-64QAM-23130-1RB#49**



Date: 9.JUL.2021 20:44:37



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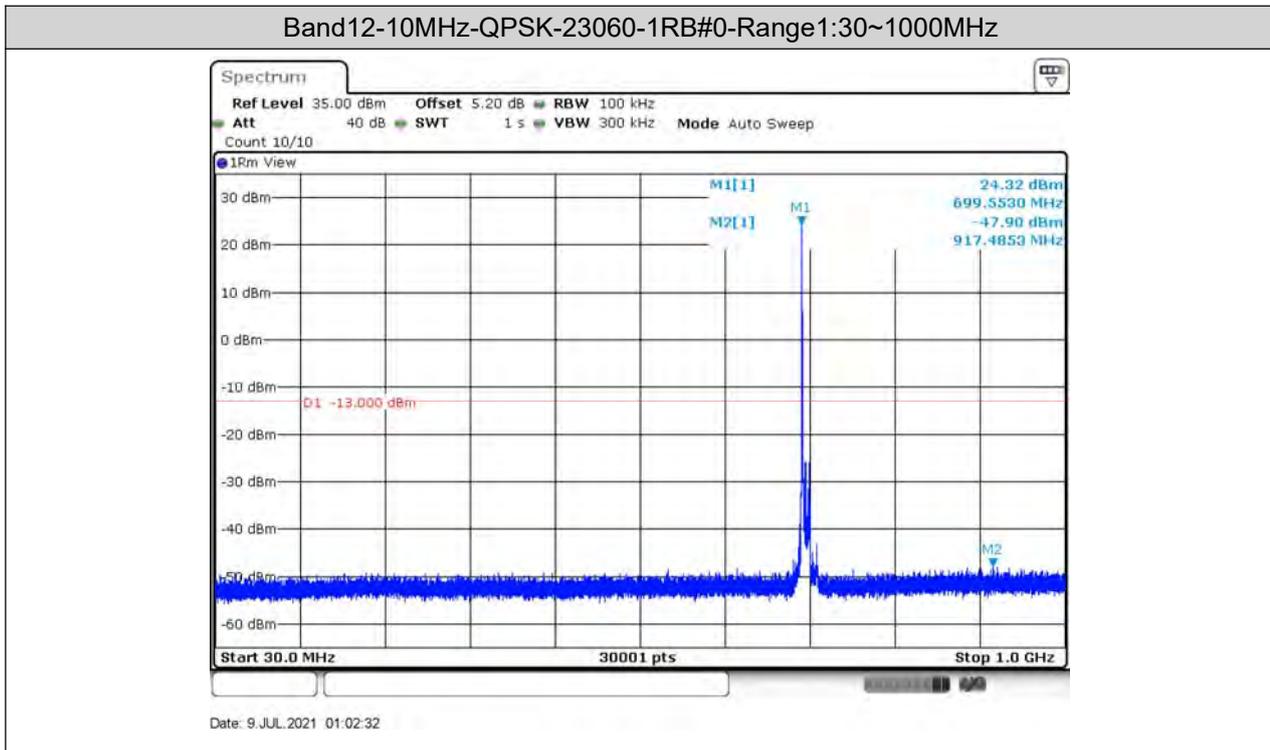
## 6. Spurious Emission at Antenna Terminal

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.

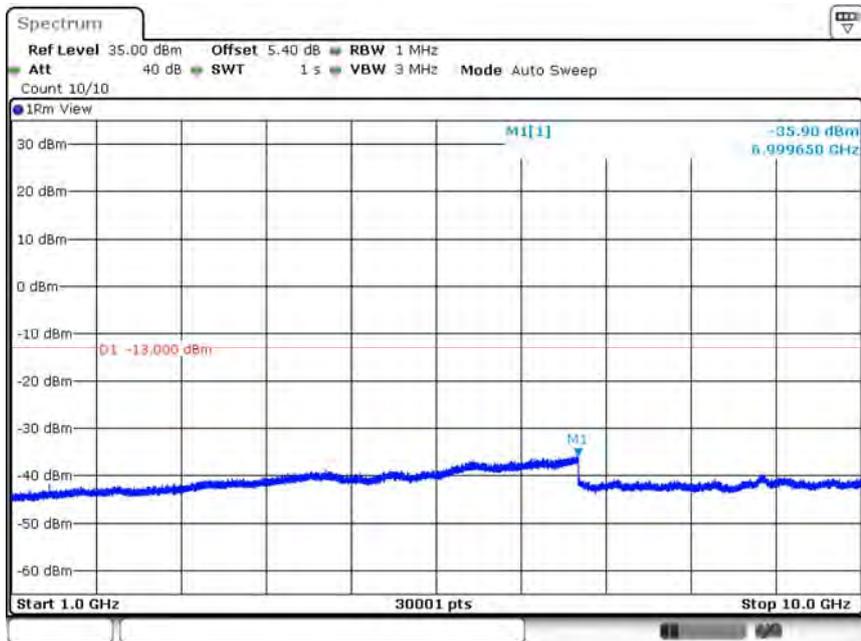
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

### 6.1. Test Plots



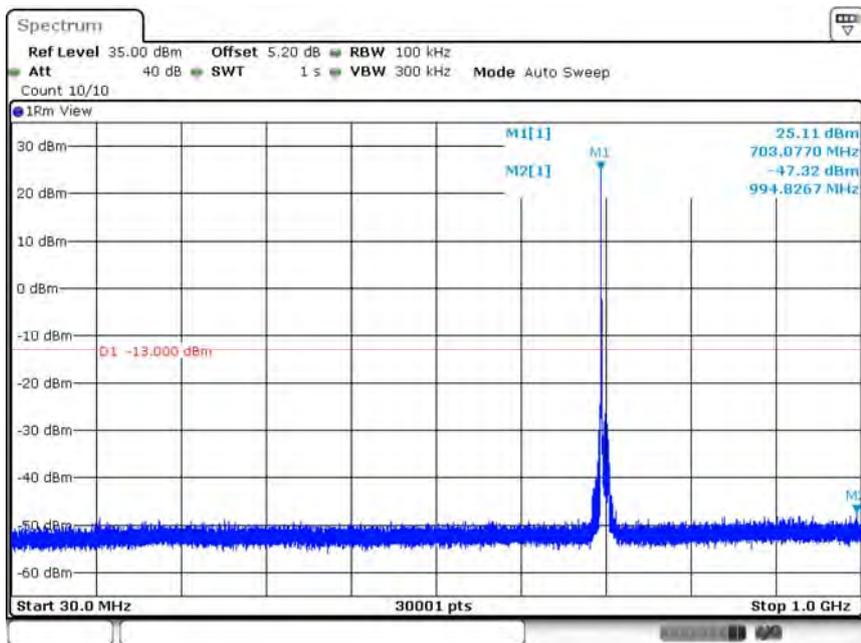
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**Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:02:48

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

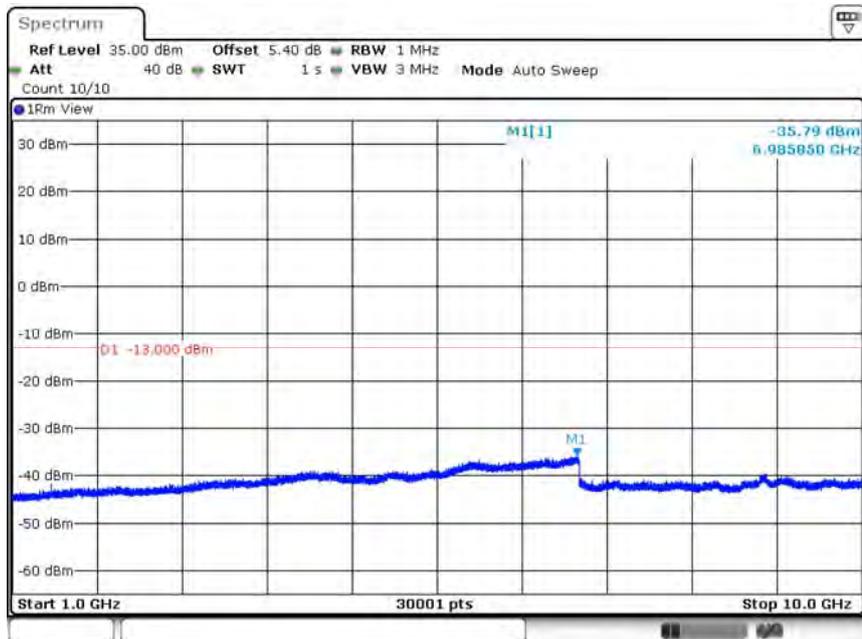


Date: 9 JUL 2021 01:03:55



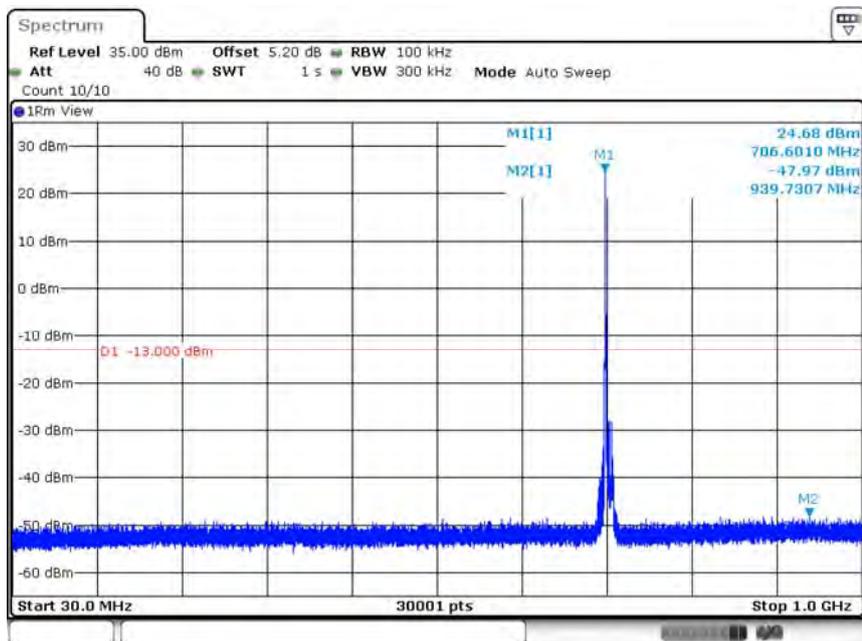
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**Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:04:11

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

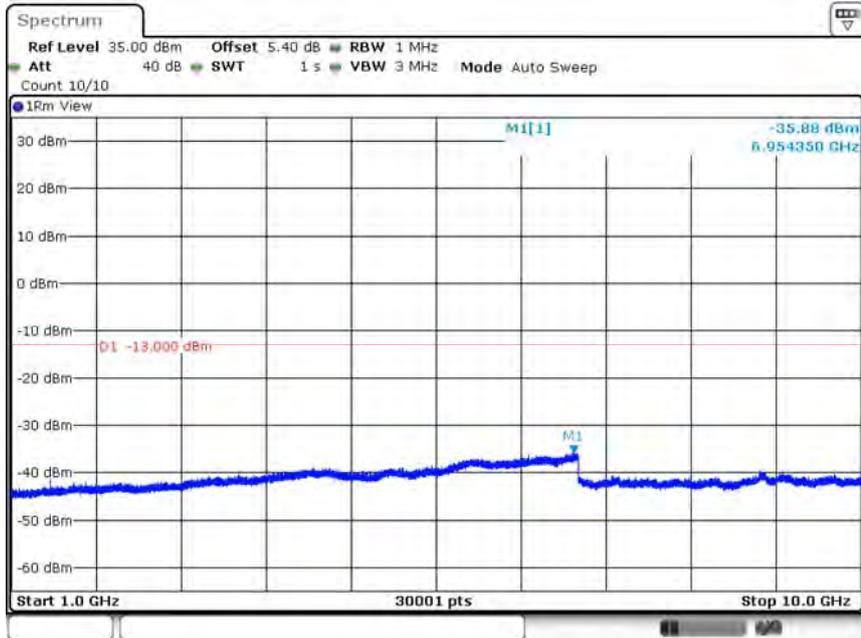


Date: 9 JUL 2021 01:05:18



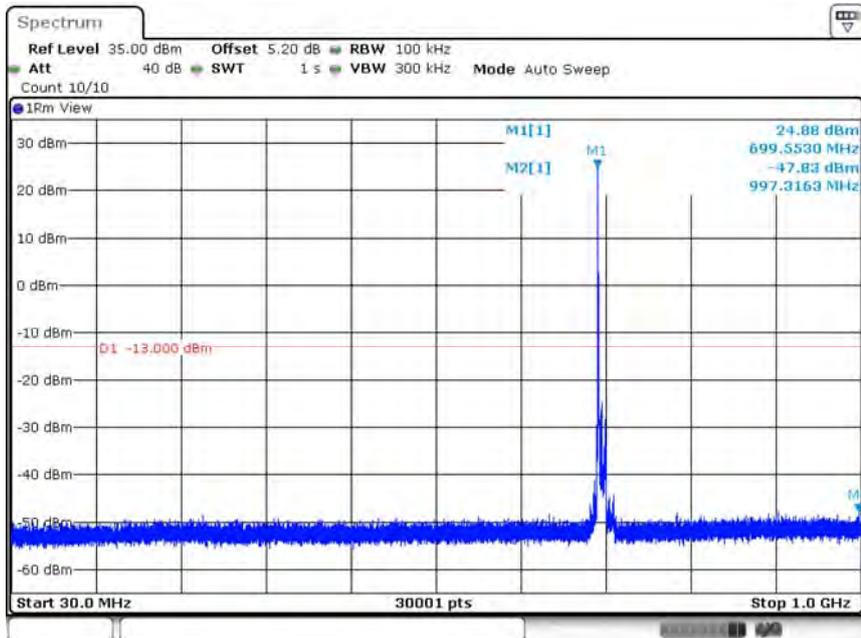
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**Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:05:34

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

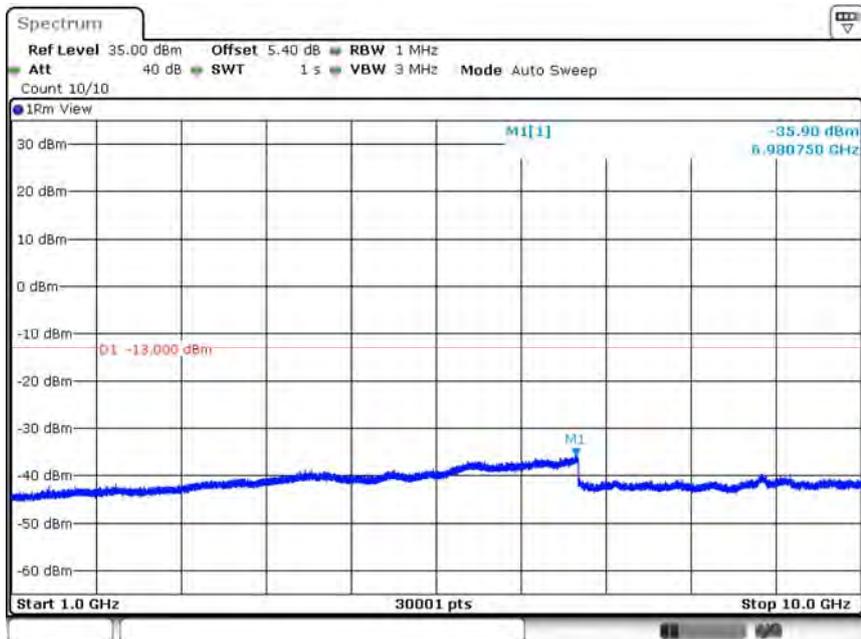


Date: 9 JUL 2021 01:03:13



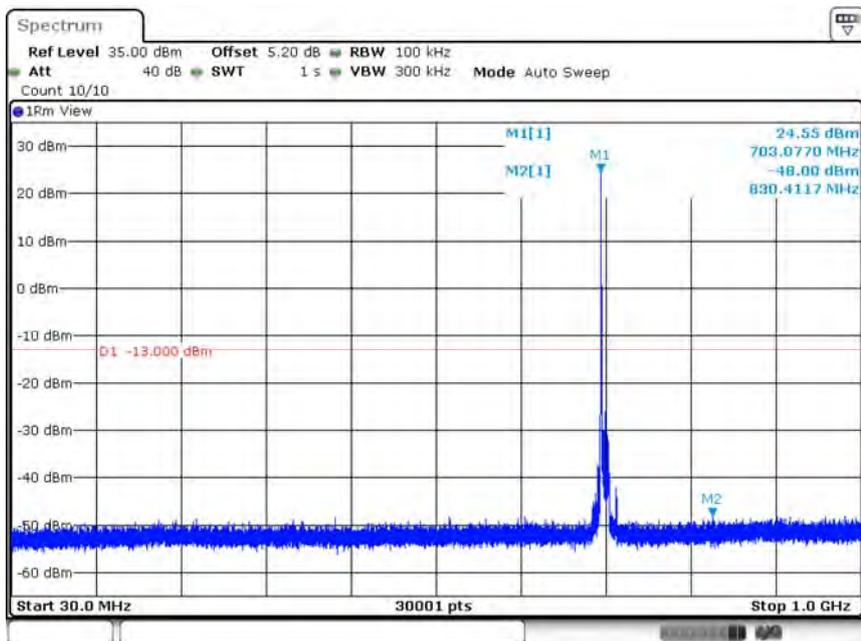
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**Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:03:29

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

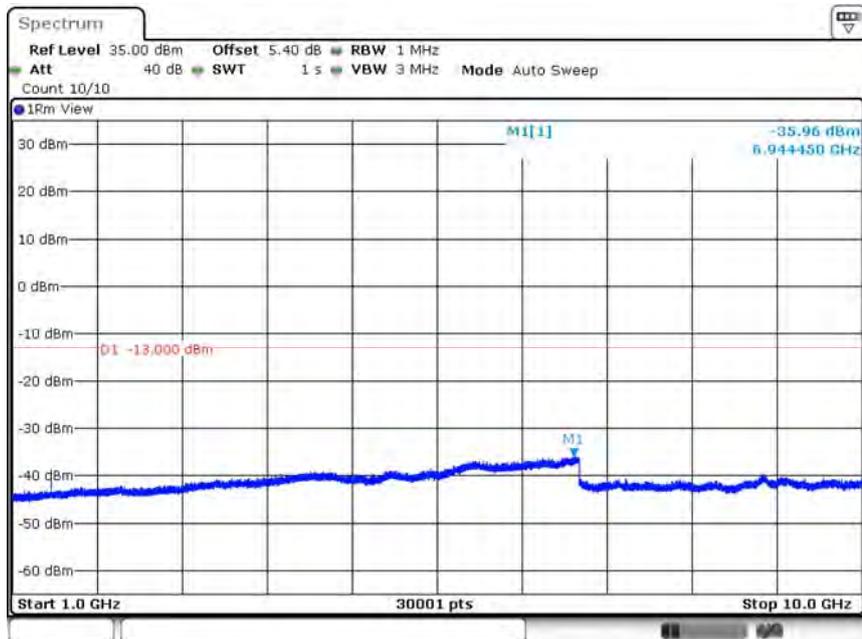


Date: 9 JUL 2021 01:04:36



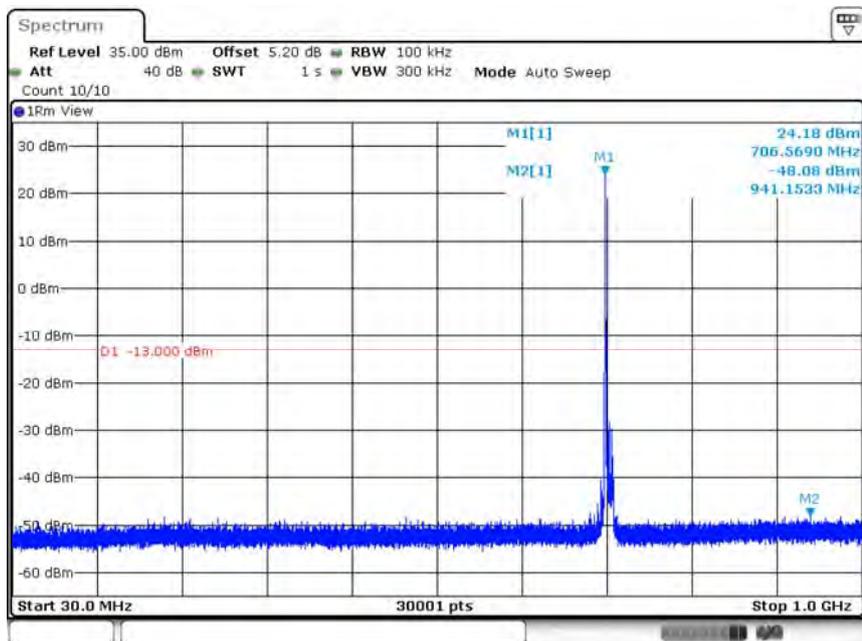
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**Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:04:52

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

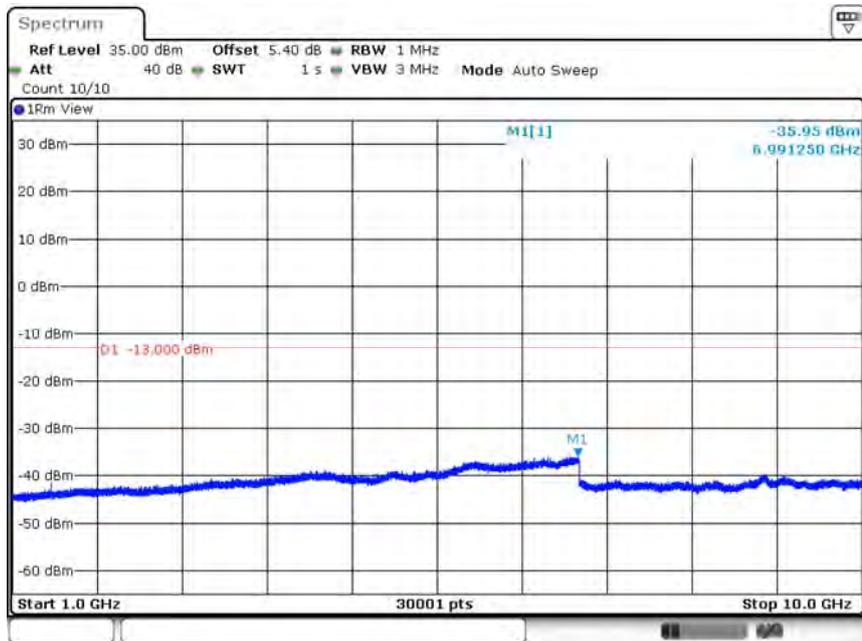


Date: 9 JUL 2021 01:06:00



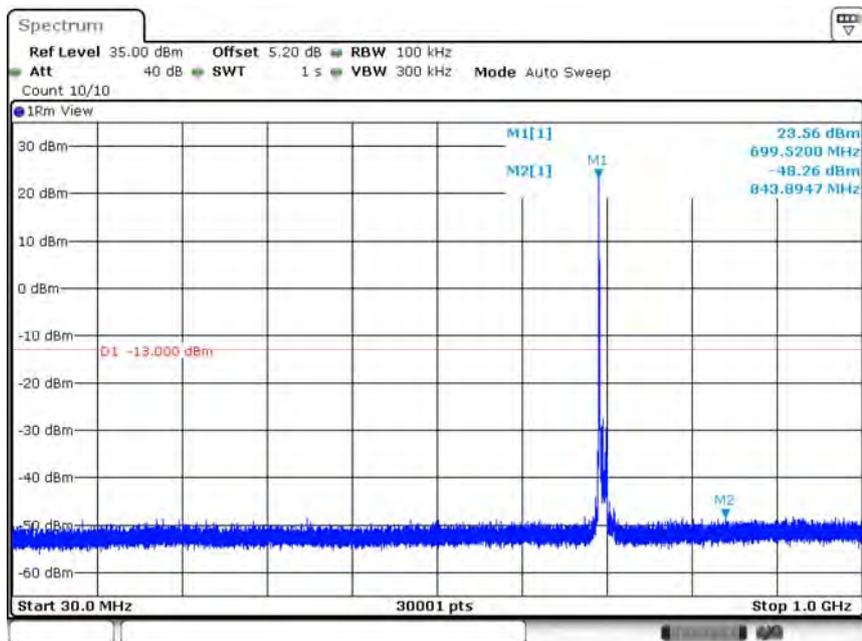
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**Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 01:06:15

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

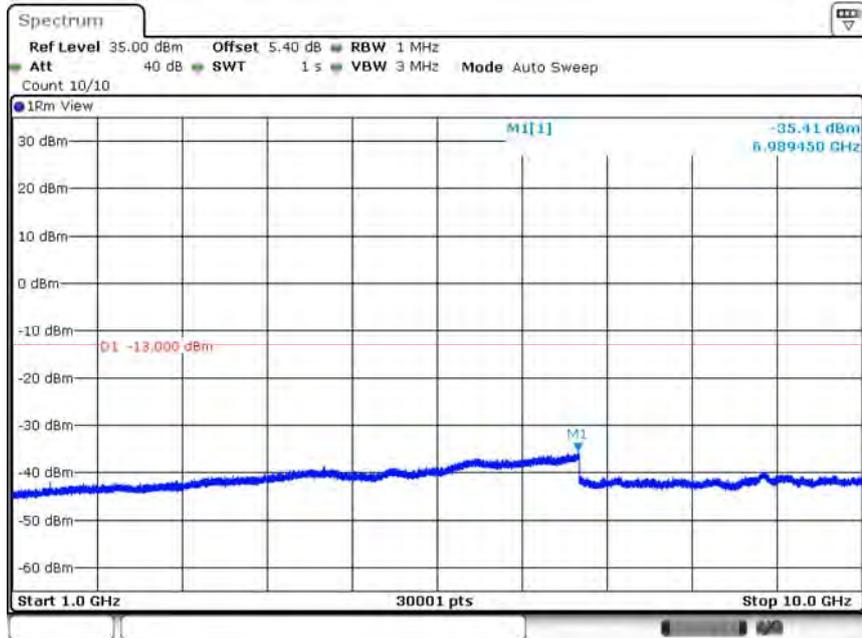


Date: 9 JUL 2021 20:46:12



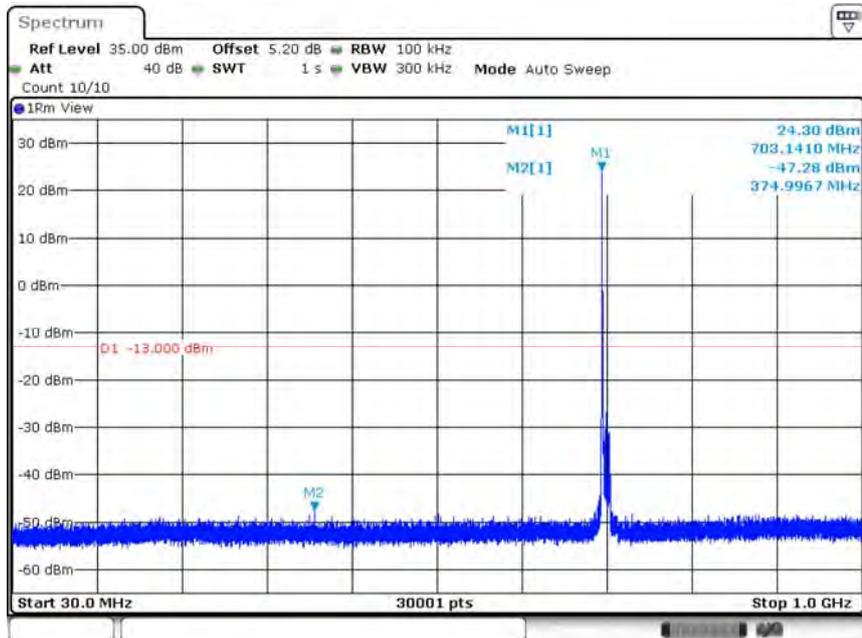
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**Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 20:46:28

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

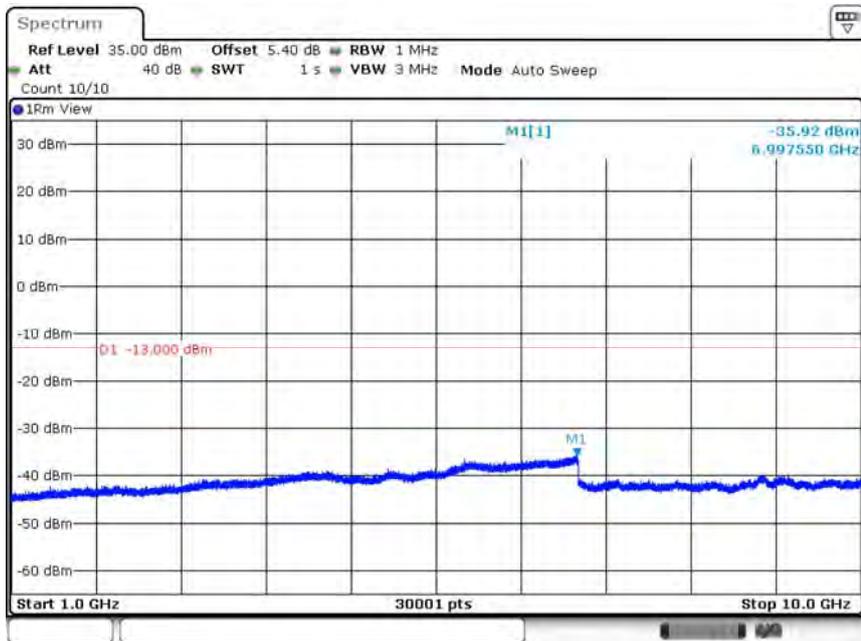


Date: 9 JUL 2021 20:46:54



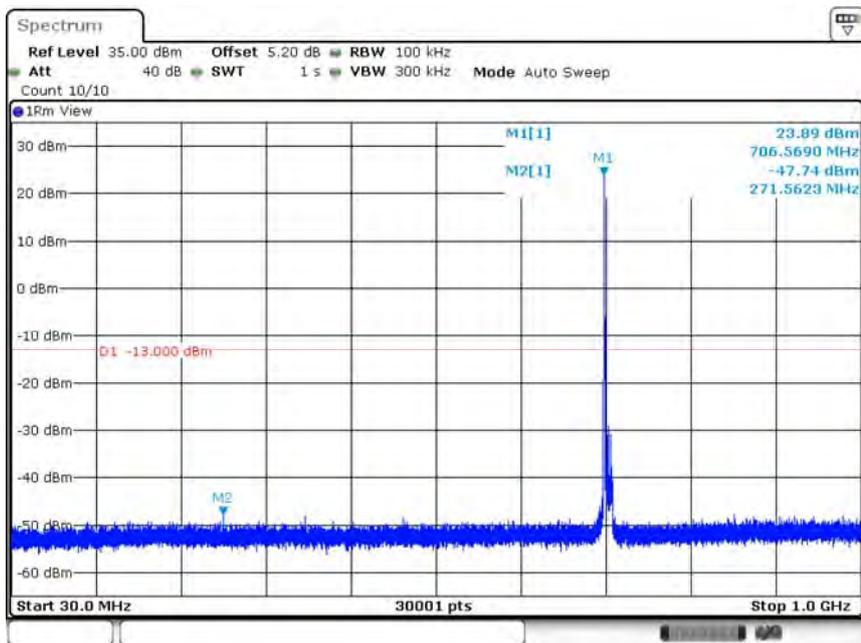
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**Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz**



Date: 9 JUL 2021 20:47:10

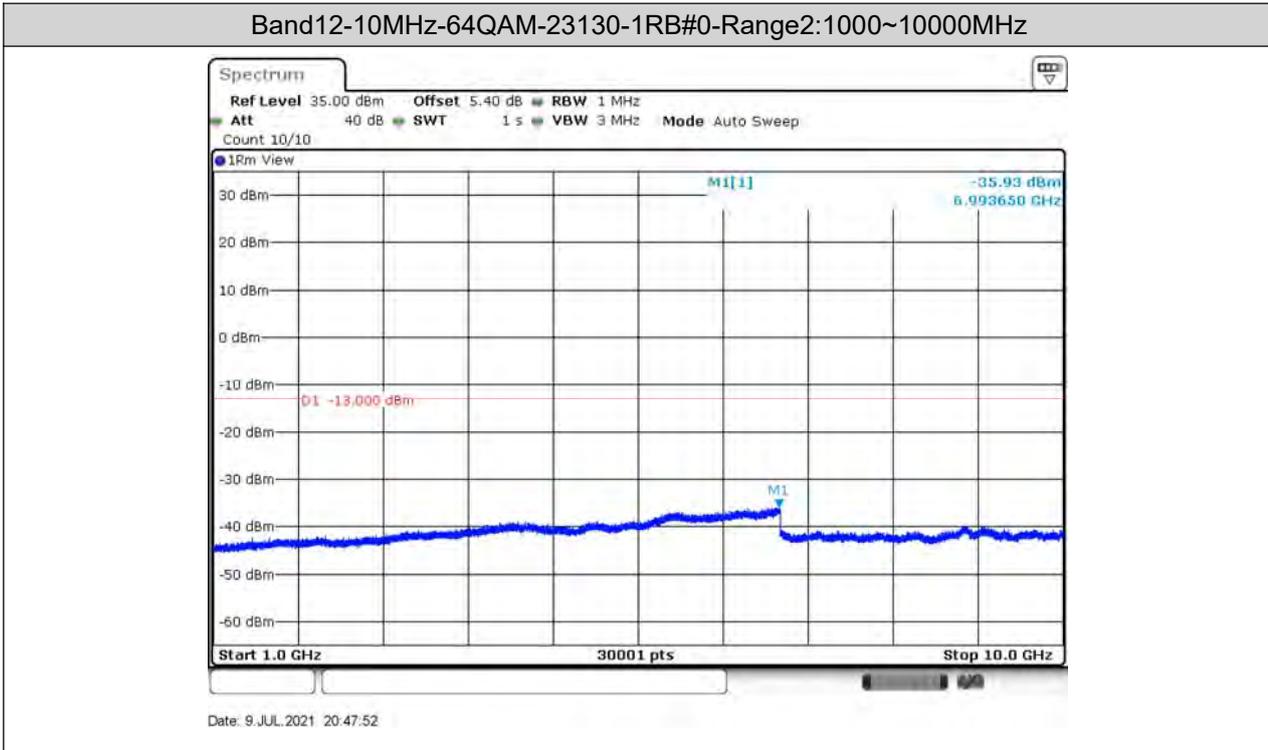
**Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz**



Date: 9 JUL 2021 20:47:36



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = \_12 ANT1

#### 7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1200	31.11	-57.97	-13.00	44.97	Horizontal
2	2098.9549	26.30	-60.81	-13.00	47.81	Horizontal
3	2798.3899	24.61	-59.00	-13.00	46.00	Horizontal
4	3497.7249	53.36	-61.52	-13.00	48.52	Horizontal
5	5697.9349	50.53	-56.28	-13.00	43.28	Horizontal
6	7484.4242	49.54	-52.62	-13.00	39.62	Horizontal



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**7.2. Test Band = \_12 ANT1**

**7.2.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1200	28.71	-60.37	-13.00	47.37	Vertical
2	2098.5549	23.93	-63.18	-13.00	50.18	Vertical
3	2833.3917	21.90	-61.91	-13.00	48.91	Vertical
4	5695.8348	50.46	-56.38	-13.00	43.38	Vertical
5	7471.4736	49.62	-52.65	-13.00	39.65	Vertical
6	8942.9471	47.55	-51.96	-13.00	38.96	Vertical



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**7.3. Test Band = \_12 ANT1**

**7.3.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.0203	31.44	-57.63	-13.00	44.63	Horizontal
2	2109.3555	26.81	-60.34	-13.00	47.34	Horizontal
3	2812.3906	26.07	-57.60	-13.00	44.60	Horizontal
4	3515.2258	53.59	-61.40	-13.00	48.40	Horizontal
5	7445.9223	49.38	-53.12	-13.00	40.12	Horizontal
6	9071.7536	49.02	-50.35	-13.00	37.35	Horizontal



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**7.4. Test Band = \_12 ANT1**

**7.4.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.3203	29.32	-59.75	-13.00	46.75	Vertical
2	2109.4555	24.11	-63.04	-13.00	50.04	Vertical
3	2985.8993	21.83	-61.11	-13.00	48.11	Vertical
4	5696.1848	50.58	-56.25	-13.00	43.25	Vertical
5	7472.5236	50.26	-52.00	-13.00	39.00	Vertical
6	9038.1519	48.81	-50.27	-13.00	37.27	Vertical



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**7.5. Test Band = \_12 ANT1**

**7.5.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.2207	34.19	-54.86	-13.00	41.86	Horizontal
2	2119.7560	25.85	-61.35	-13.00	48.35	Horizontal
3	2826.3913	25.14	-58.62	-13.00	45.62	Horizontal
4	3533.0767	56.49	-58.70	-13.00	45.70	Horizontal
5	7487.2244	49.72	-52.42	-13.00	39.42	Horizontal
6	9017.1509	48.53	-50.46	-13.00	37.46	Horizontal



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**7.6. Test Band = \_12 ANT1**

**7.6.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.1207	31.81	-57.24	-13.00	44.24	Vertical
2	2120.0560	24.51	-62.69	-13.00	49.69	Vertical
3	2987.8994	22.00	-60.93	-13.00	47.93	Vertical
4	5693.3847	50.28	-56.59	-13.00	43.59	Vertical
5	7492.1246	49.45	-52.65	-13.00	39.65	Vertical
6	9023.4512	48.46	-50.56	-13.00	37.56	Vertical



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**7.7. Test Band = \_12 ANT3**

**7.7.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.1200	30.15	-58.93	-13.00	45.93	Horizontal
2	2098.9549	33.46	-53.65	-13.00	40.65	Horizontal
3	2798.3899	25.24	-58.37	-13.00	45.37	Horizontal
4	3498.0749	52.89	-61.98	-13.00	48.98	Horizontal
5	5687.0844	50.34	-56.61	-13.00	43.61	Horizontal
6	7494.9247	49.45	-52.62	-13.00	39.62	Horizontal



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**7.8. Test Band = \_12 ANT3**

**7.8.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.0200	28.60	-60.48	-13.00	47.48	Vertical
2	2098.9549	23.87	-63.24	-13.00	50.24	Vertical
3	2982.0991	22.15	-60.81	-13.00	47.81	Vertical
4	5702.4851	50.62	-56.22	-13.00	43.22	Vertical
5	7477.4239	49.48	-52.74	-13.00	39.74	Vertical
6	9023.8012	48.23	-50.79	-13.00	37.79	Vertical



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**7.9. Test Band = \_12 ANT3**

**7.9.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.1203	31.87	-57.20	-13.00	44.20	Horizontal
2	2109.4555	27.19	-59.96	-13.00	46.96	Horizontal
3	2812.4906	25.50	-58.17	-13.00	45.17	Horizontal
4	3515.5758	54.86	-60.14	-13.00	47.14	Horizontal
5	5695.4848	50.38	-56.46	-13.00	43.46	Horizontal
6	7489.3245	49.58	-52.54	-13.00	39.54	Horizontal



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**7.10. Test Band = \_12 ANT3**

**7.10.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.2203	28.71	-60.36	-13.00	47.36	Vertical
2	2109.1555	24.73	-62.42	-13.00	49.42	Vertical
3	2983.8992	21.85	-61.10	-13.00	48.10	Vertical
4	4212.4606	52.10	-60.63	-13.00	47.63	Vertical
5	6031.8516	50.81	-55.84	-13.00	42.84	Vertical
6	7485.4743	49.94	-52.21	-13.00	39.21	Vertical



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**7.11. Test Band = \_12 ANT3**

**7.11.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.2207	34.12	-54.93	-13.00	41.93	Horizontal
2	2119.7560	25.81	-61.39	-13.00	48.39	Horizontal
3	2826.1913	26.11	-57.65	-13.00	44.65	Horizontal
4	3532.7266	57.48	-57.70	-13.00	44.70	Horizontal
5	7381.5191	49.60	-53.42	-13.00	40.42	Horizontal
6	9012.2506	48.70	-50.27	-13.00	37.27	Horizontal



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**7.12. Test Band = \_12 ANT3**

**7.12.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.0207	31.39	-57.66	-13.00	44.66	Vertical
2	2119.9560	26.04	-61.16	-13.00	48.16	Vertical
3	2972.6986	22.22	-60.79	-13.00	47.79	Vertical
4	5005.2503	50.91	-58.52	-13.00	45.52	Vertical
5	7108.8554	49.52	-53.52	-13.00	40.52	Vertical
6	9005.6003	48.68	-50.26	-13.00	37.26	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		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	5.30	0.007528	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	2.20	0.003125	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.70	0.002415	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-0.30	-0.000424	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	3.50	0.004947	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	3.70	0.005230	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	3.50	0.004923	±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	1.80	0.002532	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	2.30	0.003267	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	4.60	0.006534	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	1.40	0.001989	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	0.20	0.000283	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	1.30	0.001837	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	5.00	0.007032	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	3.50	0.004923	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	6.90	0.009705	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	5.70	0.008097	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	2.40	0.003409	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	4.10	0.005824	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	3.70	0.005230	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	3.30	0.004664	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	3.60	0.005088	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	5.30	0.007454	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	5.20	0.007314	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	6.40	0.009001	±2.5	PASS



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## 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Temperature		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-0.70	-0.000994	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	1.30	0.001847	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	1.20	0.001705	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	2.90	0.004119	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	3.60	0.005114	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	4.00	0.005682	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	4.90	0.006960	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	2.90	0.004099	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	3.80	0.005371	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	4.50	0.006360	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	5.10	0.007208	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	2.60	0.003675	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	3.70	0.005230	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	1.00	0.001413	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	3.60	0.005088	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	3.10	0.004382	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	1.00	0.001406	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	2.30	0.003235	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	2.50	0.003516	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	0.50	0.000703	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	2.90	0.004079	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	2.10	0.002954	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	1.10	0.001547	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	3.20	0.004501	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	1.10	0.001563	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS



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Band12	10MHz	16QAM	23060	50RB#0	NV	-10	1.10	0.001563	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-2.00	-0.002841	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	0.90	0.001278	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-3.60	-0.005114	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	2.20	0.003125	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	2.90	0.004119	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	0.50	0.000710	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	3.00	0.004240	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	0.80	0.001131	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	0.30	0.000424	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	2.40	0.003392	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	1.90	0.002686	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	1.90	0.002686	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	1.10	0.001555	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	5.50	0.007774	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	6.00	0.008481	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	1.80	0.002532	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	4.20	0.005907	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	0.90	0.001266	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	3.50	0.004923	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	5.20	0.007314	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	8.00	0.011252	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	4.40	0.006188	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	6.00	0.008439	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	3.70	0.005204	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	2.10	0.002983	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-10	4.00	0.005682	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	1.10	0.001563	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	1.60	0.002273	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	2.00	0.002841	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	7.90	0.011222	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	4.00	0.005682	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	5.20	0.007386	±2.5	PASS



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Band12	10MHz	64QAM	23095	50RB#0	NV	-30	9.40	0.013286	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	7.80	0.011025	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-10	3.80	0.005371	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	2.80	0.003958	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	3.70	0.005230	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	5.00	0.007067	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	3.70	0.005230	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	3.30	0.004664	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	2.40	0.003392	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	4.20	0.005907	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	2.80	0.003938	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-10	4.40	0.006188	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	4.30	0.006048	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	7.60	0.010689	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	3.90	0.005485	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	7.80	0.010970	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	9.00	0.012658	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	7.60	0.010689	±2.5	PASS

The End



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