



# Appendix B

## E-UTRA Band 12



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

**ANTO:**

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.12	16.67	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.03	16.58	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.15	16.70	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.99	16.54	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.19	16.74	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.10	16.65	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.09	15.64	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.99	16.54	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.04	16.59	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.93	16.48	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.12	16.67	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.98	16.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.03	16.58	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.07	15.62	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.16	16.71	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.89	16.44	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.84	16.39	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.01	16.56	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.06	16.61	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.01	16.56	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.04	15.59	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.98	15.53	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.27	15.82	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.21	15.76	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.05	15.60	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.12	15.67	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.14	15.69	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.14	14.69	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.16	15.71	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.11	15.66	34.77	PASS



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Band12	1.4MHz	16QAM	23095	1RB#5	22.27	15.82	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.12	15.67	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.11	15.66	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.05	15.60	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.08	14.63	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.19	15.74	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.15	15.70	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.01	15.56	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.95	15.50	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.10	15.65	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.14	15.69	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.05	14.60	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	20.92	14.47	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.17	14.72	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.20	14.75	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.04	14.59	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.02	14.57	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.11	14.66	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.11	13.66	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.16	14.71	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.04	14.59	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.22	14.77	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.04	14.59	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.08	14.63	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.05	14.60	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.97	13.52	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.08	14.63	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.12	14.67	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	20.91	14.46	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	20.84	14.39	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.07	14.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.10	14.65	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.01	13.56	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.90	16.45	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.11	16.66	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.08	16.63	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.05	15.60	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.07	15.62	34.77	PASS



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Band12	3MHz	QPSK	23025	8RB#7	22.09	15.64	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.06	15.61	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.19	16.74	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.01	16.56	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.12	16.67	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.07	15.62	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.14	15.69	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.99	15.54	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.00	15.55	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.03	16.58	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.91	16.46	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.05	16.60	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.99	15.54	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.04	15.59	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.02	15.57	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.96	15.51	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.07	15.62	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.05	15.60	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.04	15.59	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.99	14.54	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.10	14.65	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.17	14.72	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.01	14.56	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.06	15.61	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.10	15.65	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.99	15.54	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.15	14.70	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.02	14.57	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.11	14.66	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.95	14.50	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.02	15.57	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.93	15.48	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.92	15.47	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.22	14.77	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.89	14.44	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.98	14.53	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.07	14.62	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	20.99	14.54	34.77	PASS



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Band12	3MHz	64QAM	23025	1RB#8	21.05	14.60	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.96	14.51	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	19.88	13.43	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	19.99	13.54	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.12	13.67	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.98	13.53	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.06	14.61	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.07	14.62	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	20.90	14.45	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.15	13.70	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	19.98	13.53	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.01	13.56	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.93	13.48	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.96	14.51	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.90	14.45	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	20.88	14.43	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.15	13.70	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	19.80	13.35	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	19.89	13.44	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.06	13.61	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.06	16.61	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.16	16.71	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.25	16.80	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.06	15.61	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.08	15.63	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.16	15.71	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.16	15.71	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.13	16.68	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.17	16.72	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.17	16.72	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.16	15.71	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.15	15.70	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.09	15.64	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.05	15.60	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.01	16.56	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.96	16.51	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.01	16.56	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.95	15.50	34.77	PASS



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Band12	5MHz	QPSK	23155	12RB#6	22.15	15.70	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.95	15.50	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.00	15.55	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.07	15.62	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.08	15.63	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.12	15.67	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.94	14.49	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.03	14.58	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.20	14.75	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.22	14.77	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.13	15.68	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.01	15.56	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.07	15.62	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.17	14.72	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.13	14.68	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.10	14.65	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.14	14.69	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.16	15.71	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.10	15.65	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.16	15.71	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.09	14.64	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.08	14.63	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.97	14.52	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.09	14.64	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.03	14.58	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.00	14.55	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.12	14.67	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	19.94	13.49	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	19.97	13.52	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.12	13.67	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.12	13.67	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.07	14.62	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	20.92	14.47	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.00	14.55	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.17	13.72	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.03	13.58	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.09	13.64	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.09	13.64	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#0	21.16	14.71	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.05	14.60	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.06	14.61	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	19.98	13.53	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.07	13.62	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	19.86	13.41	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.02	13.57	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.01	16.56	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.07	16.62	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.11	16.66	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.02	15.57	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.08	15.63	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.12	15.67	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.16	15.71	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.81	16.36	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.88	16.43	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.95	16.50	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.91	15.46	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.81	15.36	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.85	15.40	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.80	15.35	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.85	16.40	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.86	16.41	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.88	16.43	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.85	15.40	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.88	15.43	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.91	15.46	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.91	15.46	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.11	15.66	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.12	15.67	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.13	15.68	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.94	14.49	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.16	14.71	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.05	14.60	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.05	14.60	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.01	15.56	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.83	15.38	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.78	15.33	34.77	PASS



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Band12	10MHz	16QAM	23095	25RB#0	20.87	14.42	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.89	14.44	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.79	14.34	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.82	14.37	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.12	15.67	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.09	15.64	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.16	15.71	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.80	14.35	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.86	14.41	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.83	14.38	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.93	14.48	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.09	14.64	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.12	14.67	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.10	14.65	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	19.93	13.48	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.11	13.66	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	19.97	13.52	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.95	13.50	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.91	14.46	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	20.78	14.33	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.70	14.25	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	19.83	13.38	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	19.89	13.44	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	19.72	13.27	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.81	13.36	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.04	14.59	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.03	14.58	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.15	14.70	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	19.77	13.32	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	19.78	13.33	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	19.77	13.32	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.83	13.38	34.77	PASS



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**ANT1:**

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.32	18.27	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.40	18.35	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.50	18.45	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.38	18.33	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.42	18.37	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.48	18.43	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.37	17.32	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.48	18.43	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.37	18.32	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.41	18.36	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.43	18.38	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.35	18.30	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.44	18.39	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.46	17.41	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.27	18.22	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.43	18.38	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.43	18.38	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.35	18.30	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.39	18.34	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.45	18.40	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.34	17.29	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.53	17.48	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.67	17.62	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.75	17.70	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.54	17.49	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.45	17.40	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.42	17.37	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.53	16.48	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.36	17.31	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.70	17.65	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.34	17.29	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.50	17.45	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.38	17.33	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.22	17.17	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.59	16.54	34.77	PASS



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Band12	1.4MHz	16QAM	23173	1RB#0	22.67	17.62	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.48	17.43	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.47	17.42	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.38	17.33	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.34	17.29	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.46	17.41	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.53	16.48	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.50	16.45	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.61	16.56	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.73	16.68	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.47	16.42	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.38	16.33	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.31	16.26	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.50	15.45	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.30	16.25	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.67	16.62	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.30	16.25	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.45	16.40	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.38	16.33	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.18	16.13	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.55	15.50	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.67	16.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.48	16.43	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.42	16.37	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.27	16.22	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.27	16.22	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.46	16.41	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.53	15.48	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.41	18.36	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.43	18.38	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.43	18.38	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.37	17.32	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.43	17.38	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.42	17.37	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.41	17.36	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.32	18.27	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.34	18.29	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.35	18.30	34.77	PASS



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Band12	3MHz	QPSK	23095	8RB#0	22.40	17.35	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.41	17.36	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.40	17.35	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.41	17.36	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.34	18.29	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.35	18.30	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.33	18.28	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.39	17.34	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.31	17.26	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.30	17.25	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.33	17.28	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.42	17.37	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.39	17.34	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.73	17.68	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.46	16.41	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.41	16.36	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.62	16.57	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.42	16.37	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.29	17.24	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.67	17.62	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.93	17.88	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.42	16.37	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.50	16.45	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.43	16.38	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.43	16.38	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.82	17.77	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.78	17.73	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.70	17.65	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.47	16.42	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.56	16.51	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.37	16.32	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.36	16.31	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.37	16.32	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.33	16.28	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.63	16.58	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.43	15.38	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.32	15.27	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.51	15.46	34.77	PASS



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Band12	3MHz	64QAM	23025	15RB#0	20.37	15.32	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.26	16.21	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.57	16.52	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.90	16.85	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.42	15.37	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.48	15.43	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.33	15.28	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.39	15.34	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.81	16.76	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.73	16.68	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.59	16.54	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.47	15.42	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.52	15.47	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.27	15.22	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.31	15.26	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.27	18.22	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.41	18.36	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.49	18.44	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.39	17.34	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.42	17.37	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.44	17.39	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.41	17.36	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.55	18.50	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.36	18.31	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.42	18.37	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.44	17.39	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.41	17.36	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.35	17.30	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.44	17.39	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.40	18.35	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.29	18.24	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.36	18.31	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.41	17.36	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.36	17.31	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.30	17.25	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.38	17.33	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.58	17.53	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.45	17.40	34.77	PASS



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Band12	5MHz	16QAM	23035	1RB#24	22.97	17.92	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.41	16.36	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.47	16.42	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.51	16.46	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.35	16.30	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.31	17.26	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.84	17.79	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.45	17.40	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.39	16.34	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.48	16.43	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.42	16.37	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.42	16.37	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.36	17.31	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.67	17.62	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.88	17.83	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.48	16.43	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.40	16.35	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.27	16.22	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.31	16.26	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.48	16.43	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.38	16.33	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.89	16.84	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.34	15.29	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.41	15.36	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.44	15.39	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.24	15.19	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.22	16.17	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.75	16.70	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.37	16.32	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.39	15.34	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.48	15.43	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.39	15.34	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.38	15.33	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.31	16.26	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.63	16.58	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.84	16.79	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.47	15.42	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.32	15.27	34.77	PASS



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Band12	5MHz	64QAM	23155	12RB#13	20.19	15.14	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.29	15.24	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.38	18.33	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.45	18.40	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.56	18.51	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.36	17.31	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.45	17.40	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.47	17.42	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.42	17.37	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.05	18.00	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.24	18.19	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.26	18.21	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.16	17.11	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.17	17.12	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.07	17.02	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.19	17.14	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.15	18.10	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.28	18.23	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.26	18.21	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.15	17.10	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.20	17.15	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.23	17.18	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.29	17.24	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.88	17.83	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.90	17.85	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.95	17.90	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.29	16.24	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.41	16.36	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.46	16.41	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.41	16.36	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.69	17.64	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.42	17.37	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.82	17.77	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.13	16.08	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.17	16.12	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.09	16.04	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.17	16.12	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.02	16.97	34.77	PASS



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Band12	10MHz	16QAM	23130	1RB#24	22.29	17.24	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.63	17.58	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.17	16.12	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.20	16.15	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.15	16.10	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.15	16.10	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.84	16.79	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.82	16.77	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.93	16.88	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.24	15.19	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.41	15.36	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.39	15.34	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.36	15.31	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.69	16.64	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.39	16.34	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.71	16.66	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.10	15.05	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.17	15.12	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	19.99	14.94	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.15	15.10	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.91	15.86	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.20	16.15	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.52	16.47	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.13	15.08	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.14	15.09	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.04	14.99	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.09	15.04	34.77	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



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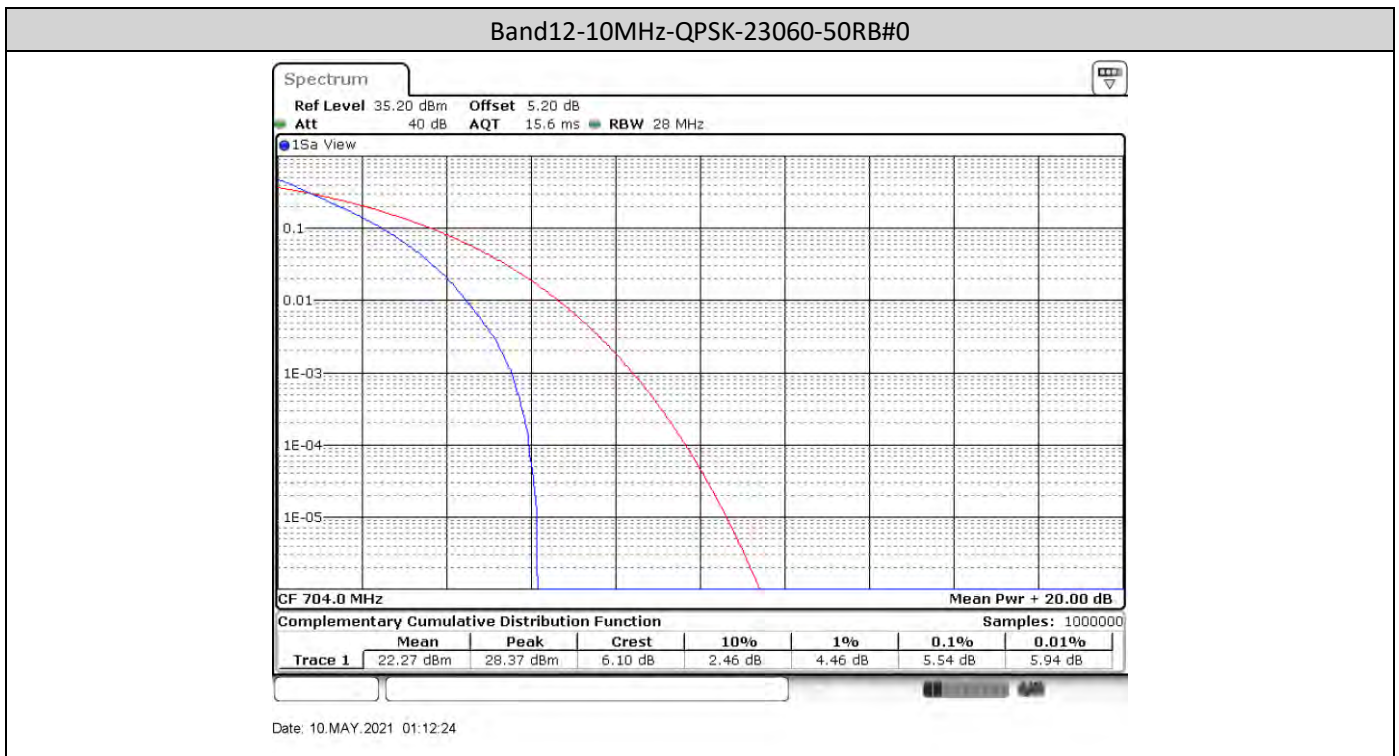


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.74	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.86	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.46	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.70	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.78	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.23	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.49	13	PASS

### 2.2. Test Plots



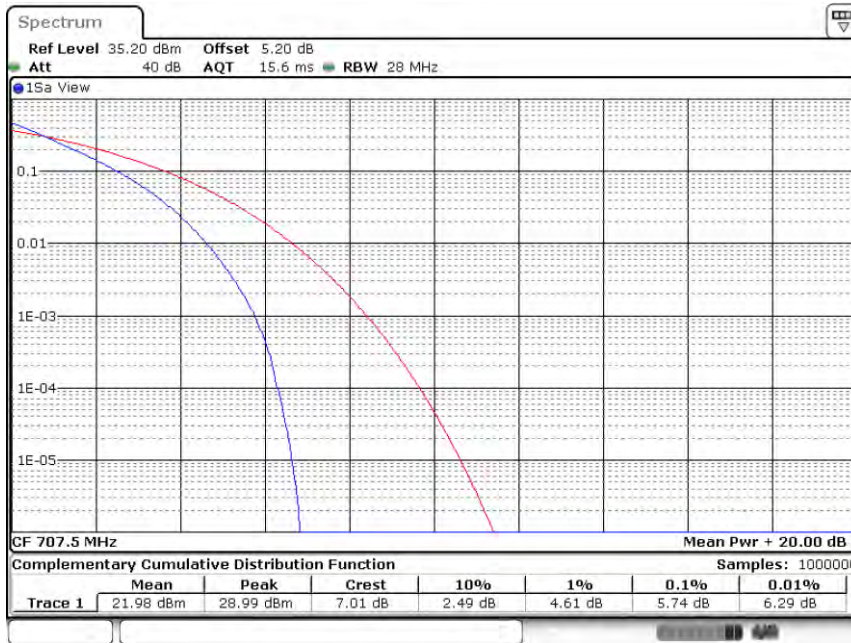
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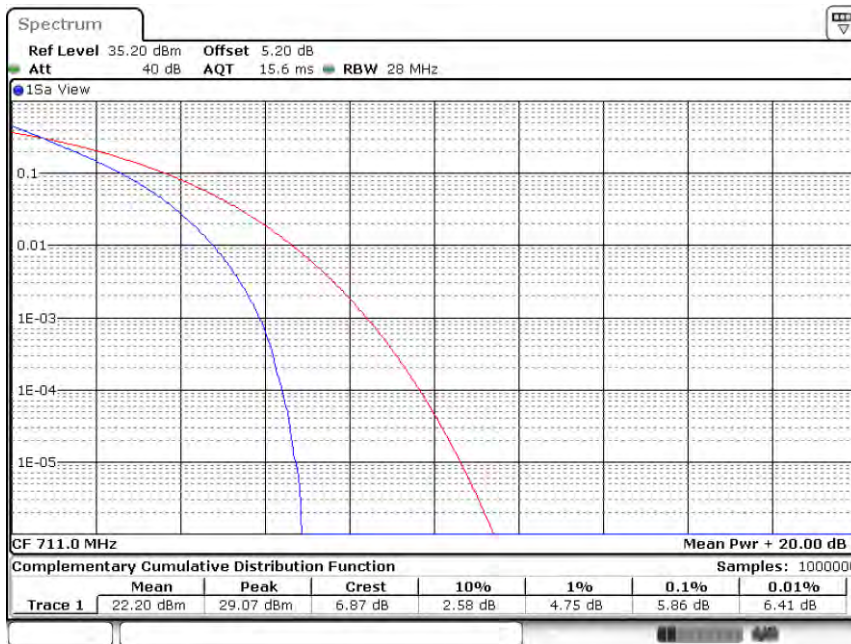


**Band12-10MHz-QPSK-23095-50RB#0**



Date: 10.MAY.2021 01:12:48

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



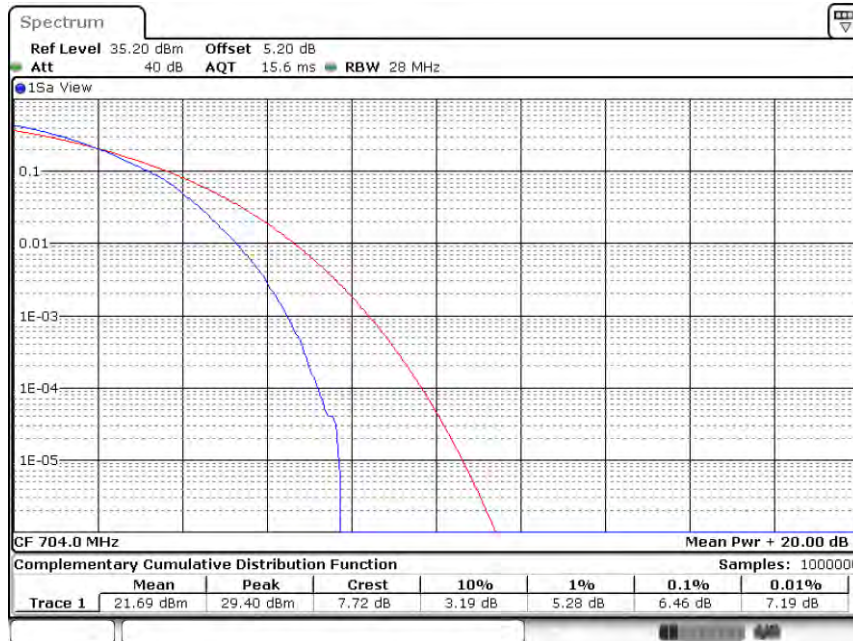
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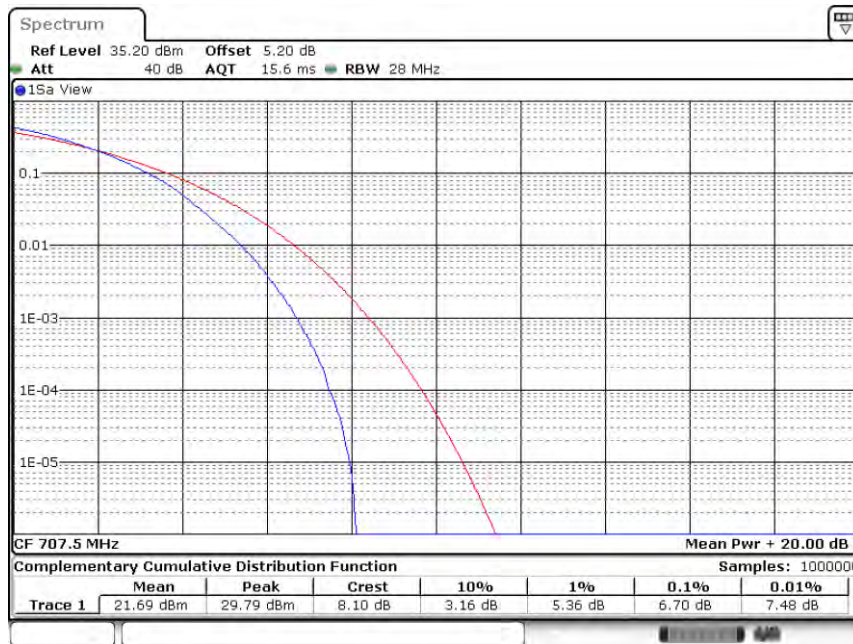
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**Band12-10MHz-64QAM-23060-50RB#0**



Date: 13.MAY.2021 07:14:50

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



Date: 13.MAY.2021 07:15:02

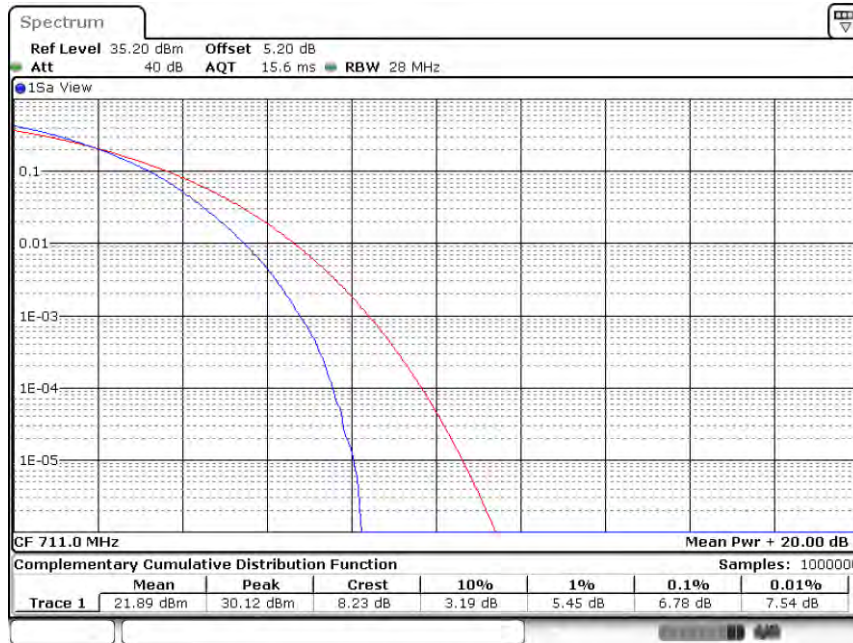


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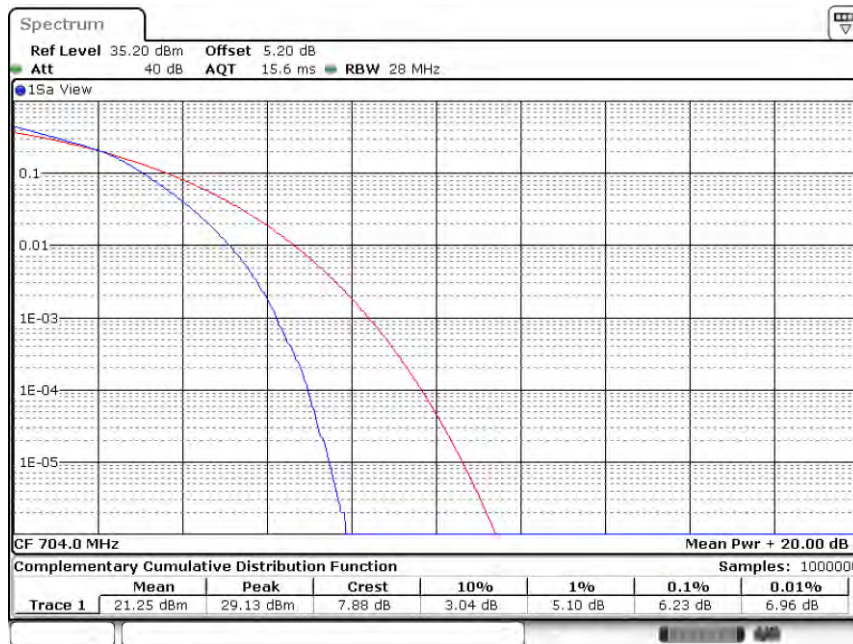


Band12-10MHz-64QAM-23130-50RB#0



Date: 13.MAY.2021 07:15:13

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



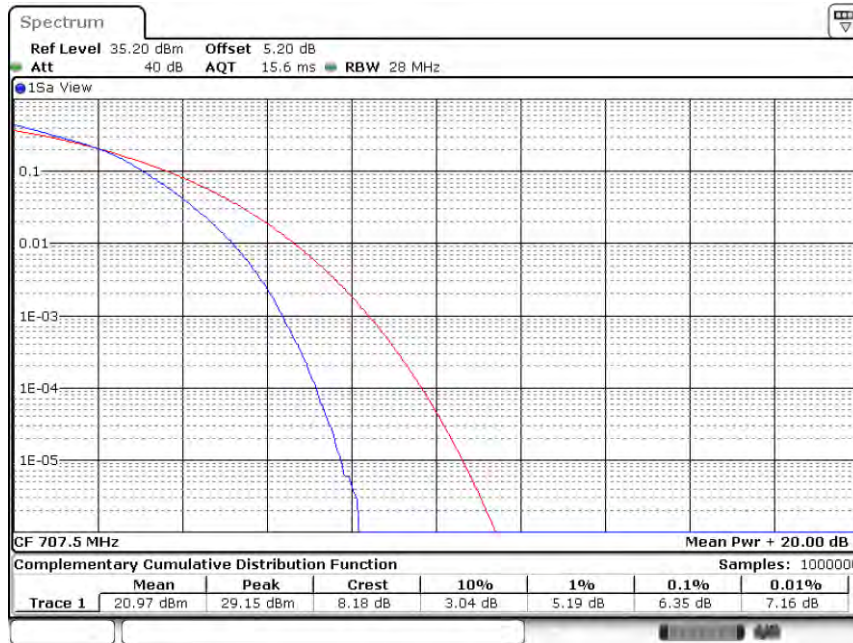
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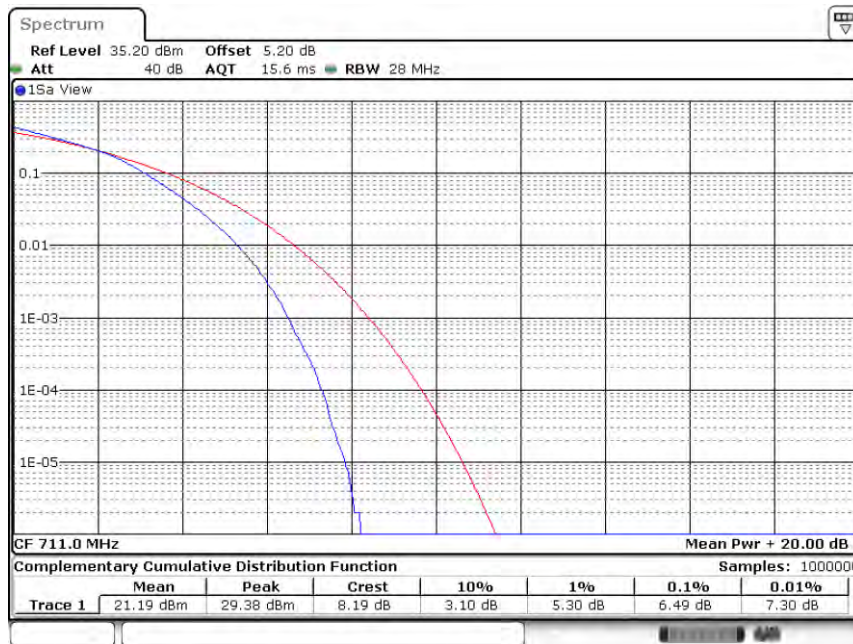
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**Band12-10MHz-16QAM-23095-50RB#0**



Date: 10.MAY.2021 01:12:59

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



Date: 10.MAY.2021 01:13:22

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



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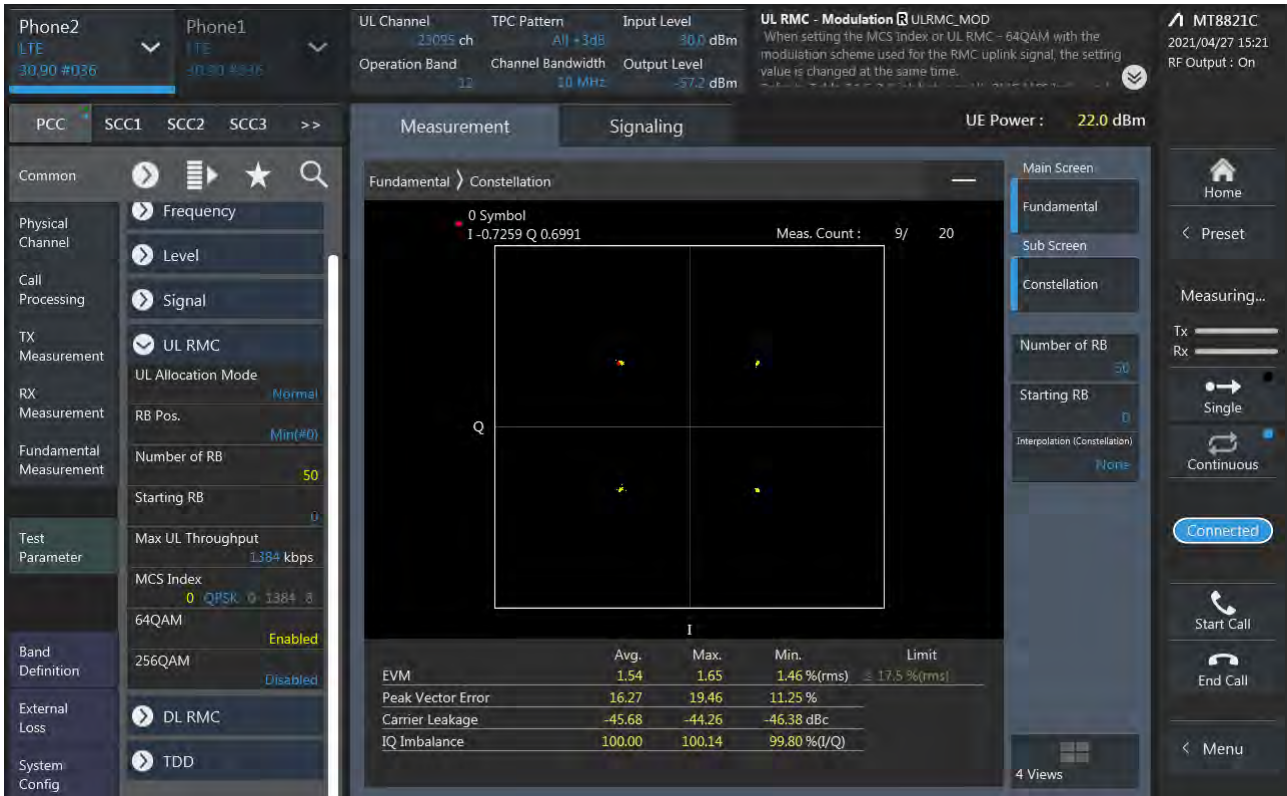
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### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH



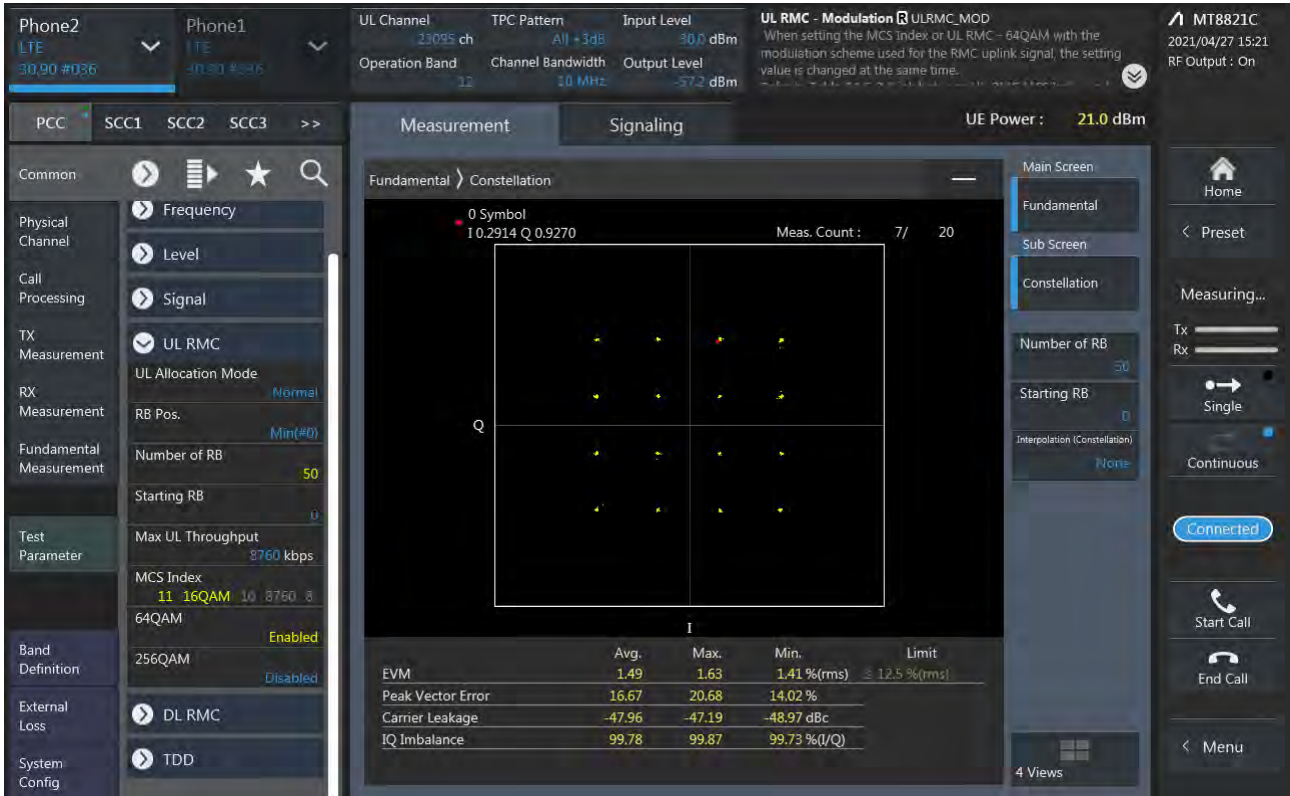
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### 3.2. Test Mode = LTE /TM2 10MHz

#### 3.2.1. Test Channel = MCH



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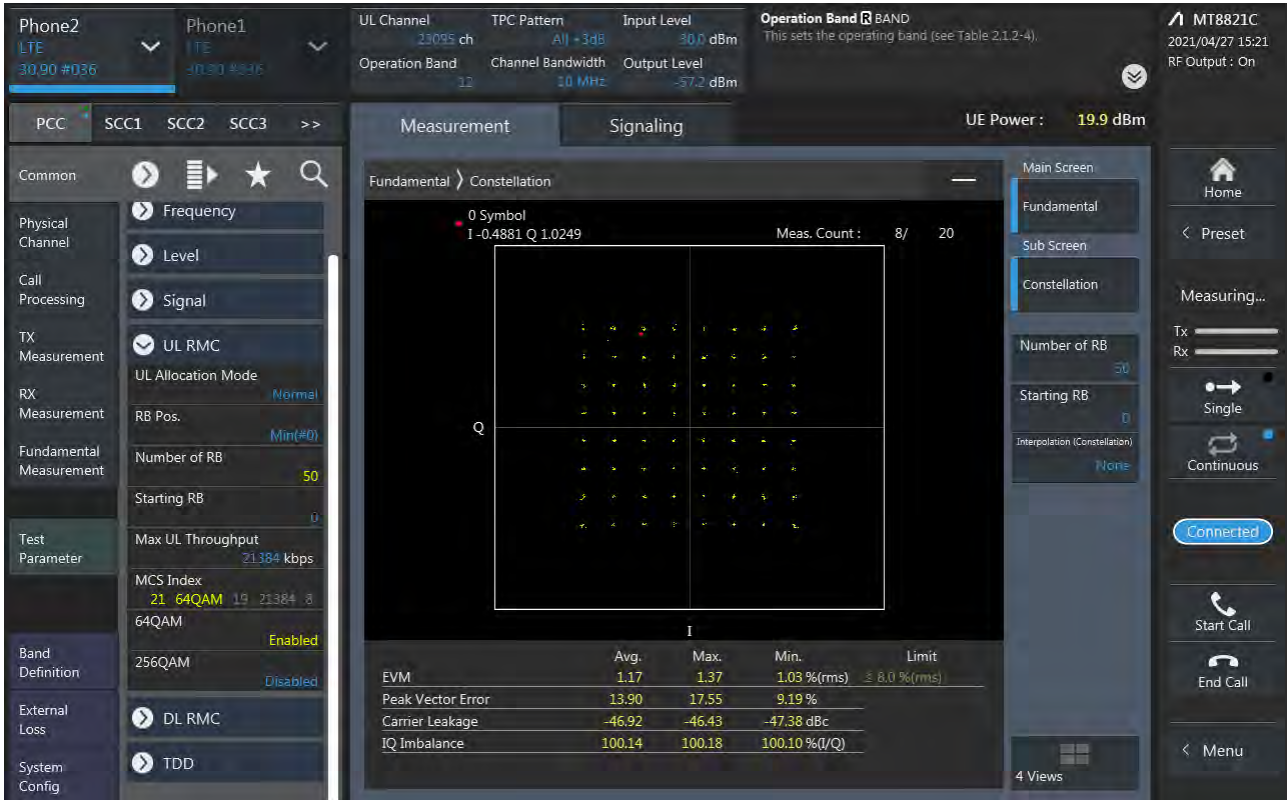
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 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	1.088	1.287	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.091	1.287	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.284	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.094	1.275	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.094	1.290	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.094	1.284	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.091	1.290	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.091	1.287	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.091	1.287	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.691	2.934	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.691	3.138	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.691	2.940	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.685	2.928	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.685	2.928	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.685	2.922	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.679	2.928	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.679	2.928	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.685	2.916	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.466	4.860	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.466	4.850	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.476	4.860	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.456	4.850	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.890	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.456	4.850	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.476	4.860	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.476	4.870	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.476	4.870	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.931	9.580	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.911	9.600	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.951	9.640	PASS



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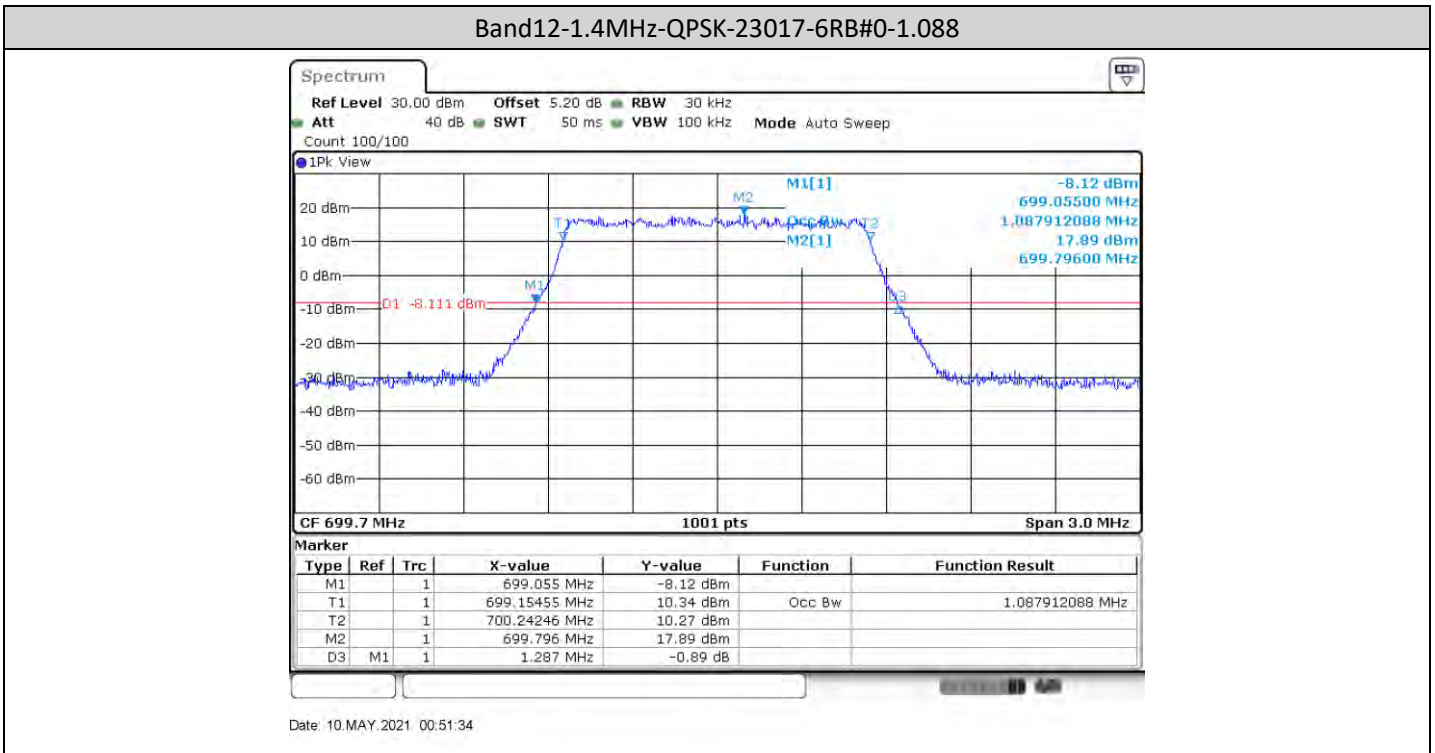
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Band12	10MHz	64QAM	23060	50RB#0	8.931	9.620	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.931	9.580	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.931	9.660	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.660	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.911	9.620	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.931	9.640	PASS

## 4.2. Test Plots



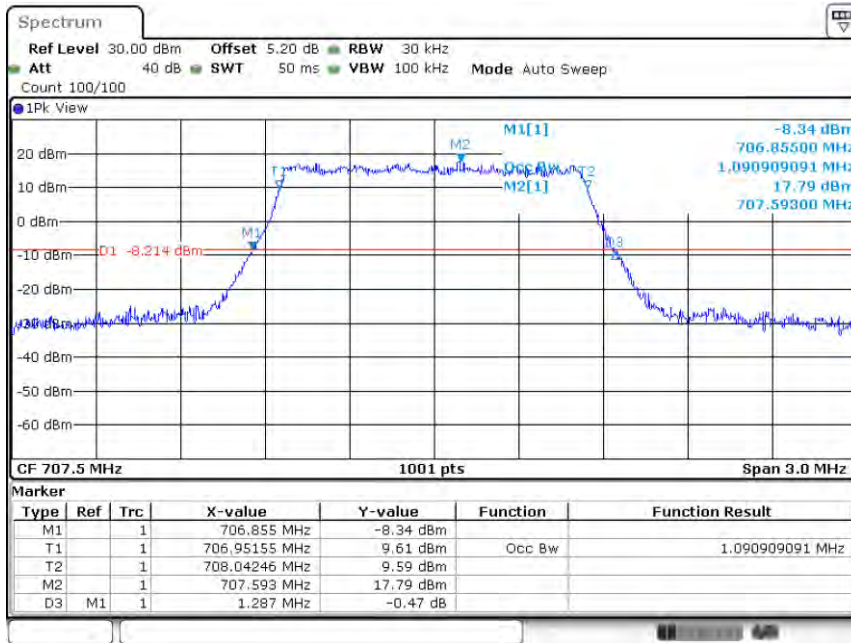
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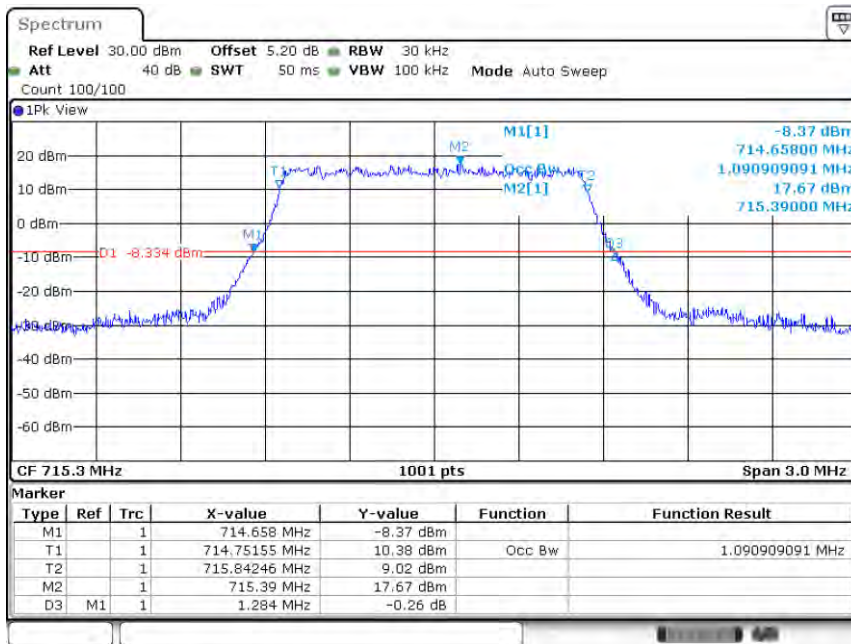


Band12-1.4MHz-QPSK-23095-6RB#0-1.091



Date: 10.MAY.2021 00:52:01

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



Date: 10.MAY.2021 00:52:28

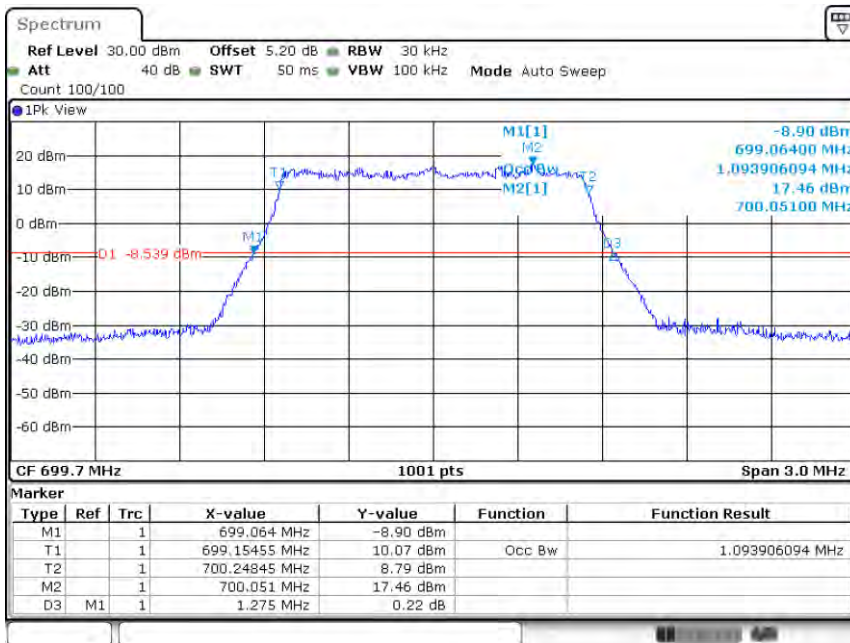


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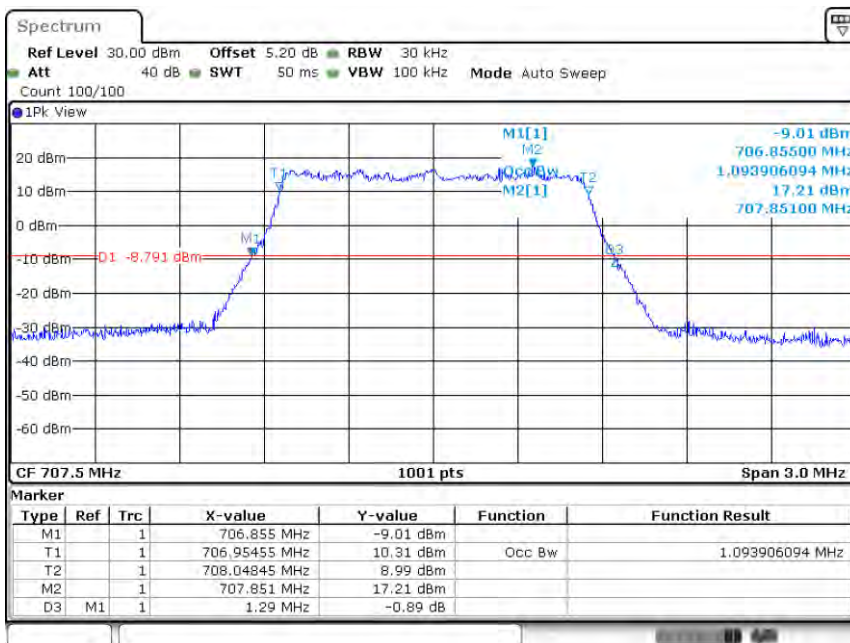


Band12-1.4MHz-64QAM-23017-6RB#0-1.094



Date: 13.MAY.2021 07:03:52

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



Date: 13.MAY.2021 07:04:05

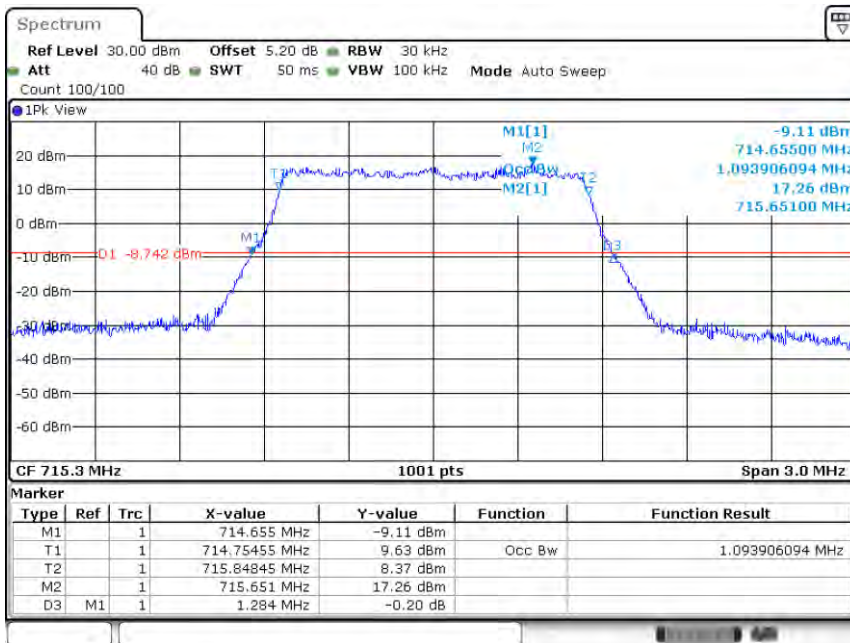


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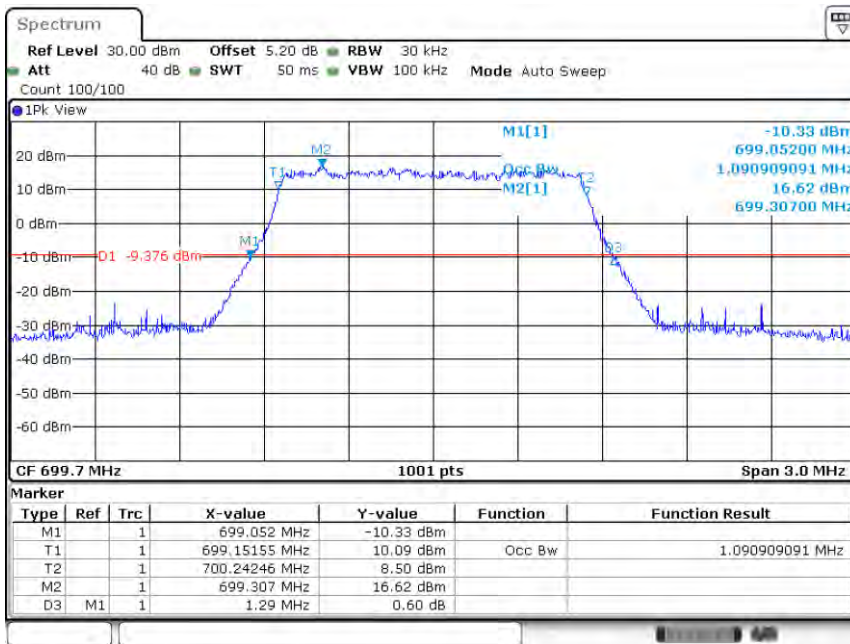


Band12-1.4MHz-64QAM-23173-6RB#0-1.094



Date: 13.MAY.2021 07:04:18

Band12-1.4MHz-16QAM-23017-6RB#0-1.091

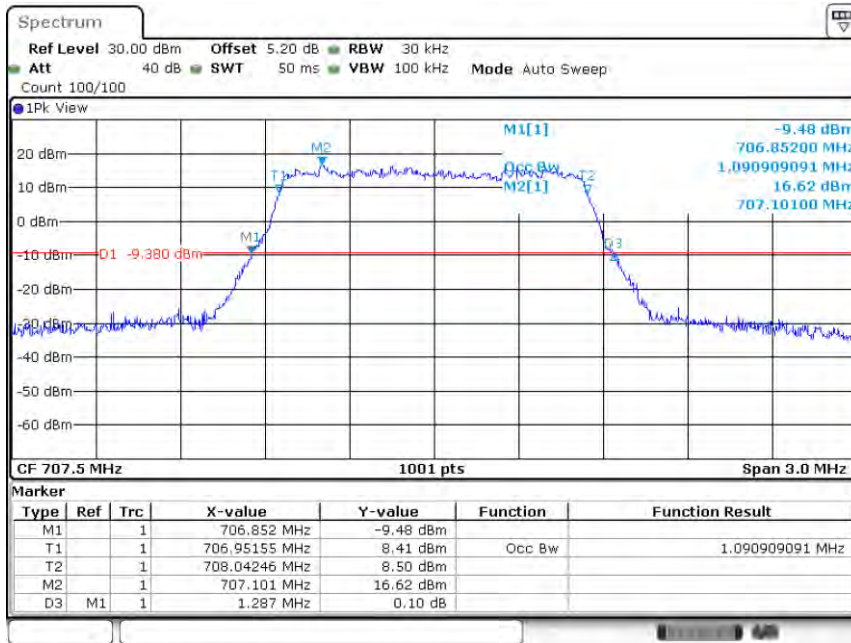


Date: 10.MAY.2021 00:51:48



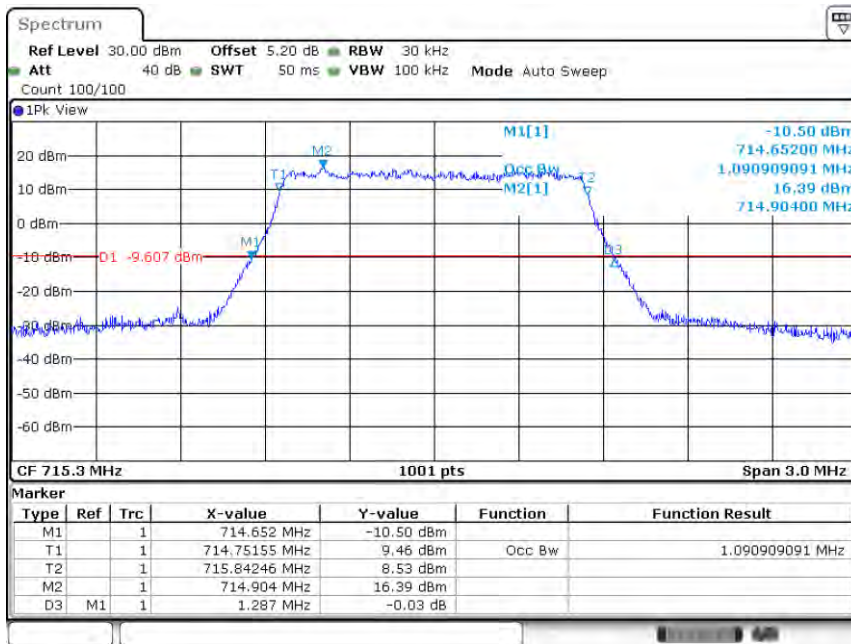
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**Band12-1.4MHz-16QAM-23095-6RB#0-1.091**



Date: 10.MAY.2021 00:52:15

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



Date: 10.MAY.2021 00:52:41

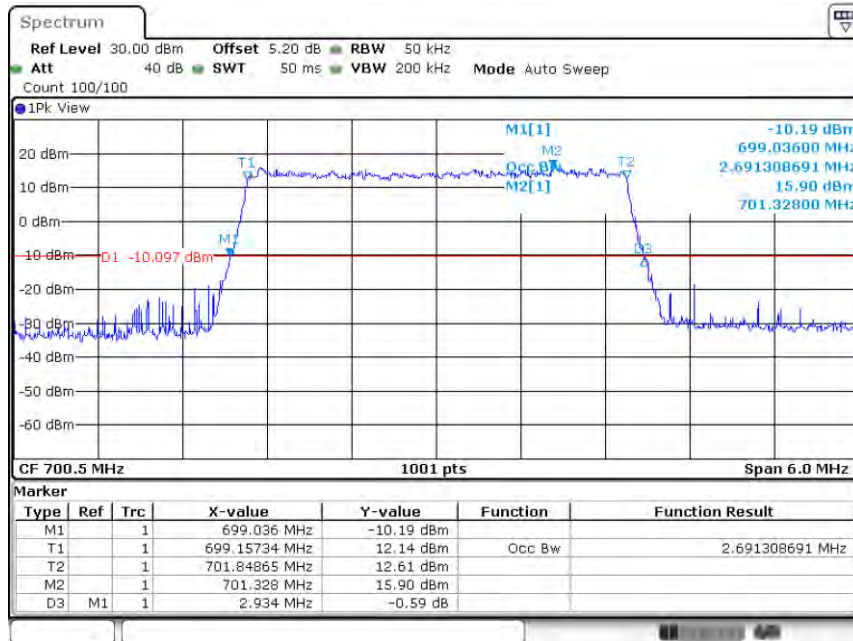


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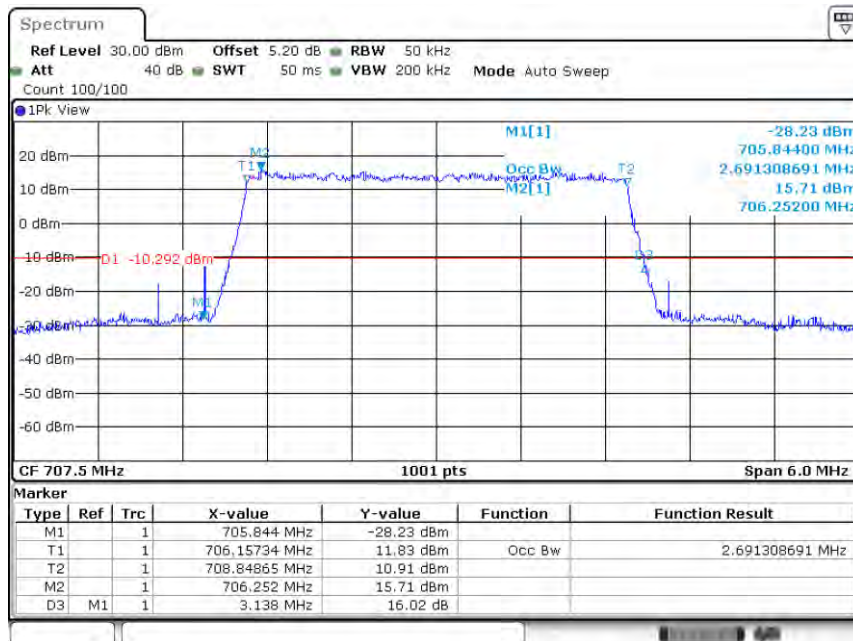


Band12-3MHz-QPSK-23025-15RB#0-2.691



Date: 10.MAY.2021 00:53:00

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



Date: 10.MAY.2021 00:53:27



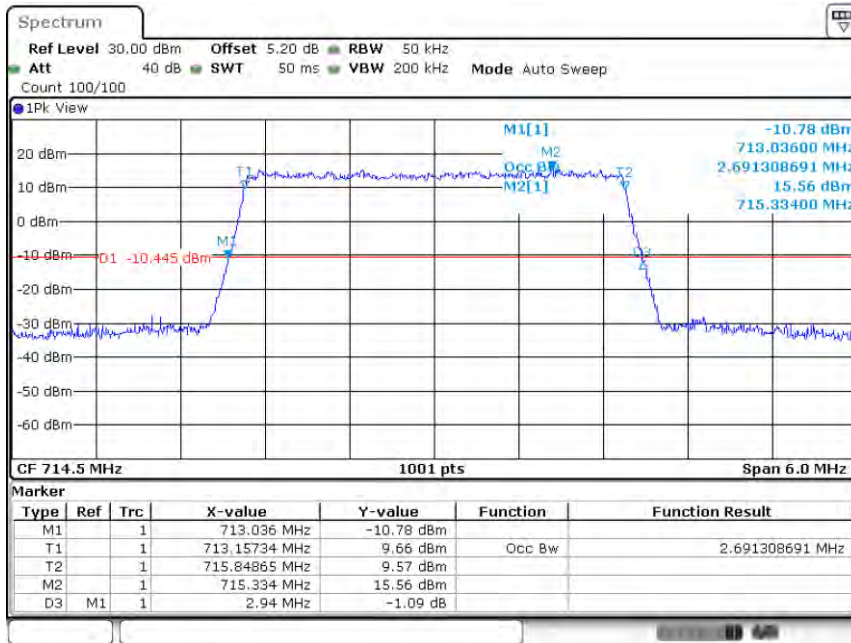
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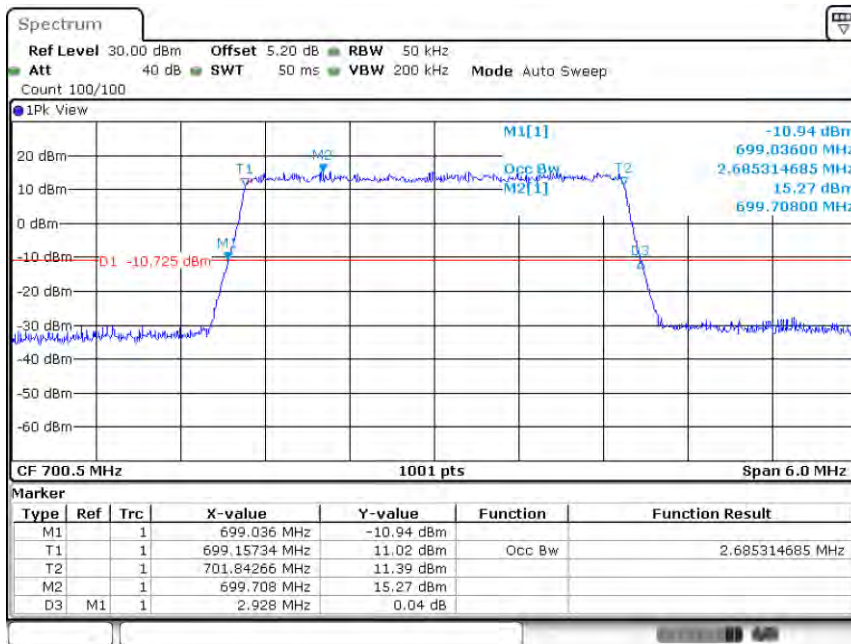


Band12-3MHz-QPSK-23165-15RB#0-2.691



Date: 10.MAY.2021 00:53:54

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



Date: 13.MAY.2021 07:04:37

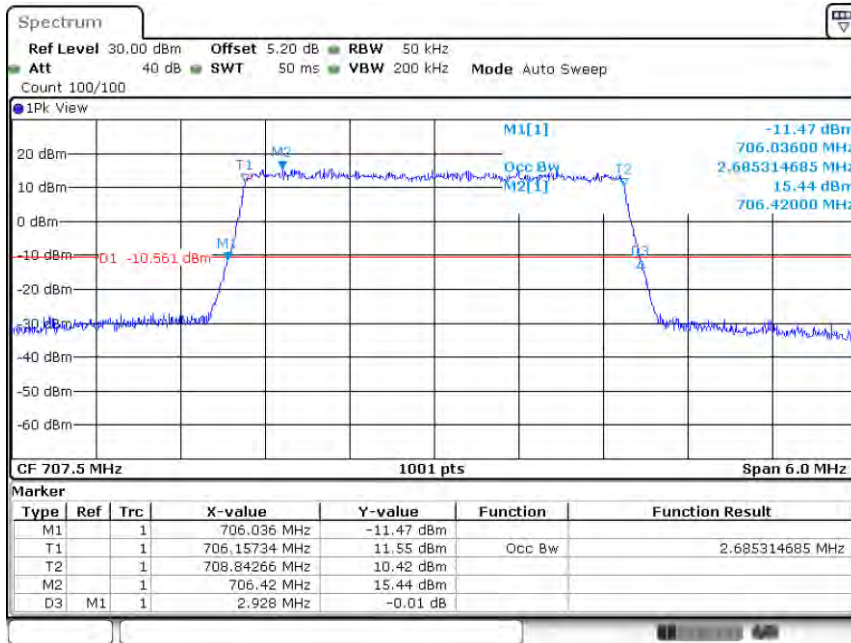


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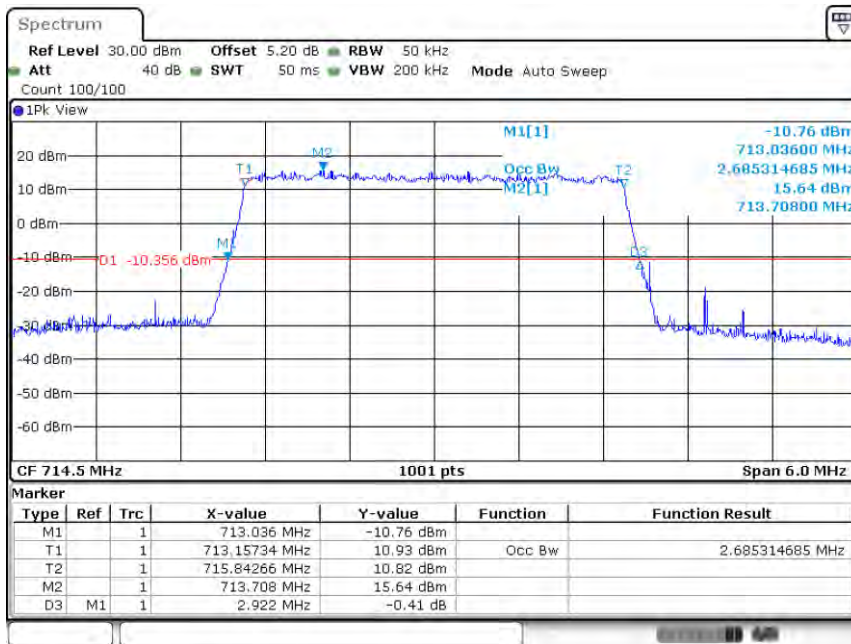


Band12-3MHz-64QAM-23095-15RB#0-2.685



Date: 13.MAY.2021 07:04:50

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



Date: 13.MAY.2021 07:05:04

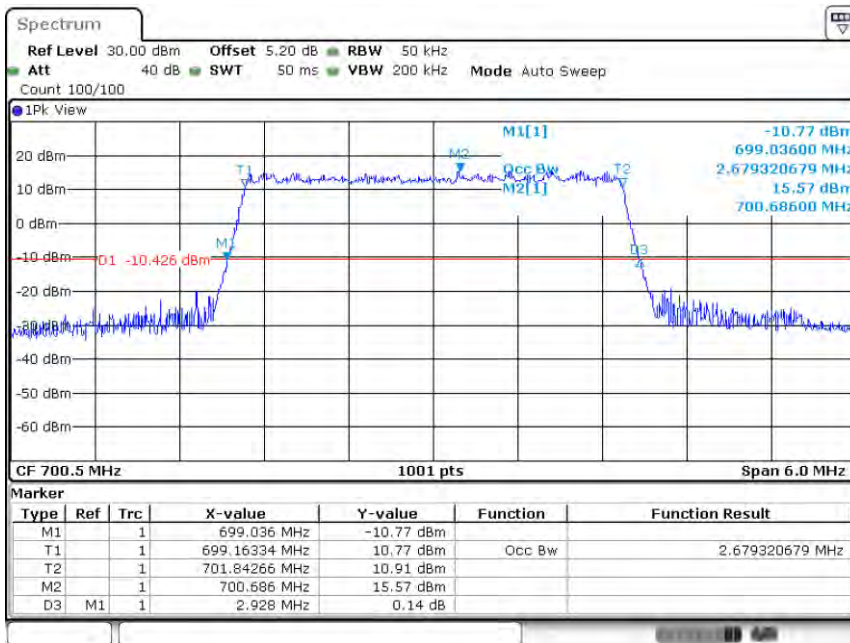


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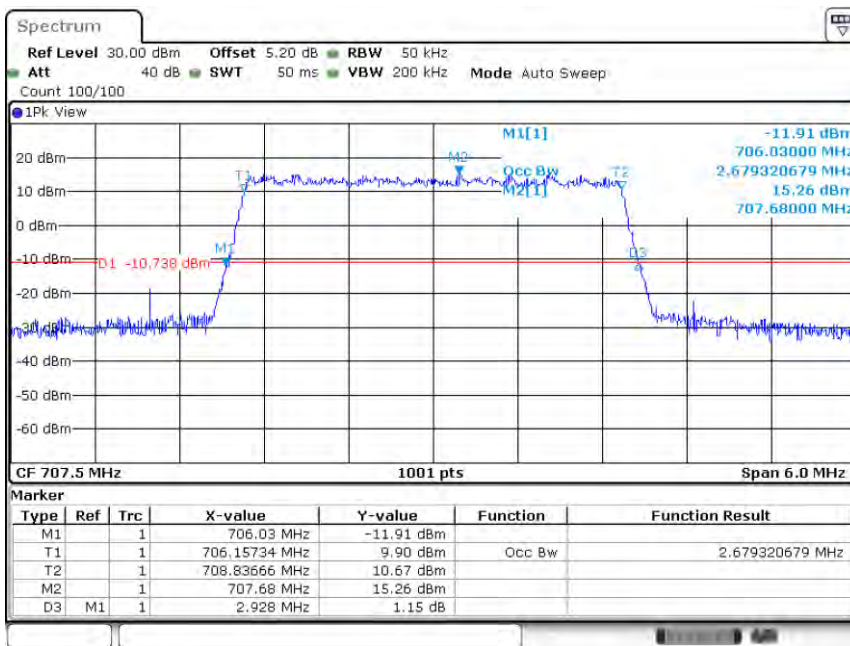


Band12-3MHz-16QAM-23025-15RB#0-2.679



Date: 10.MAY.2021 00:53:13

Band12-3MHz-16QAM-23095-15RB#0-2.679



Date: 10.MAY.2021 00:53:40



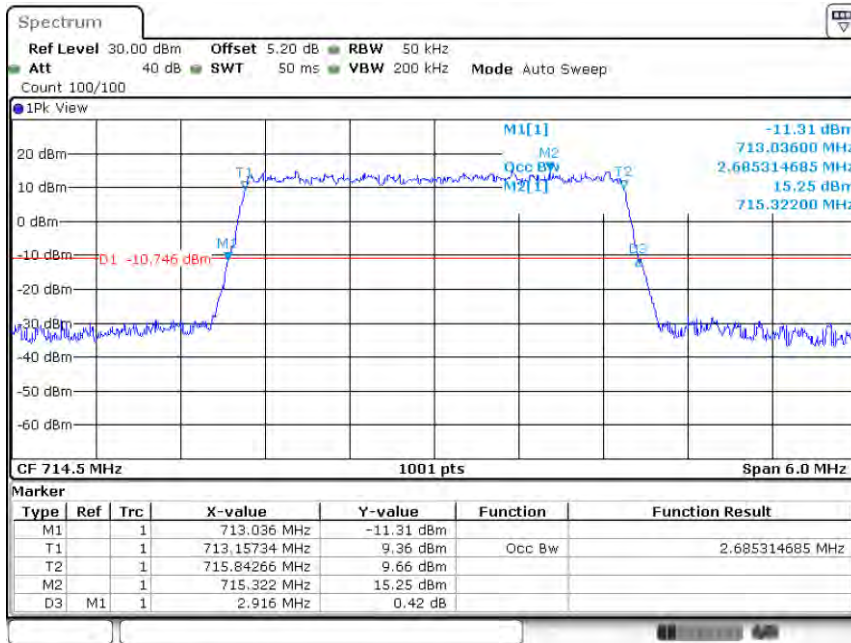
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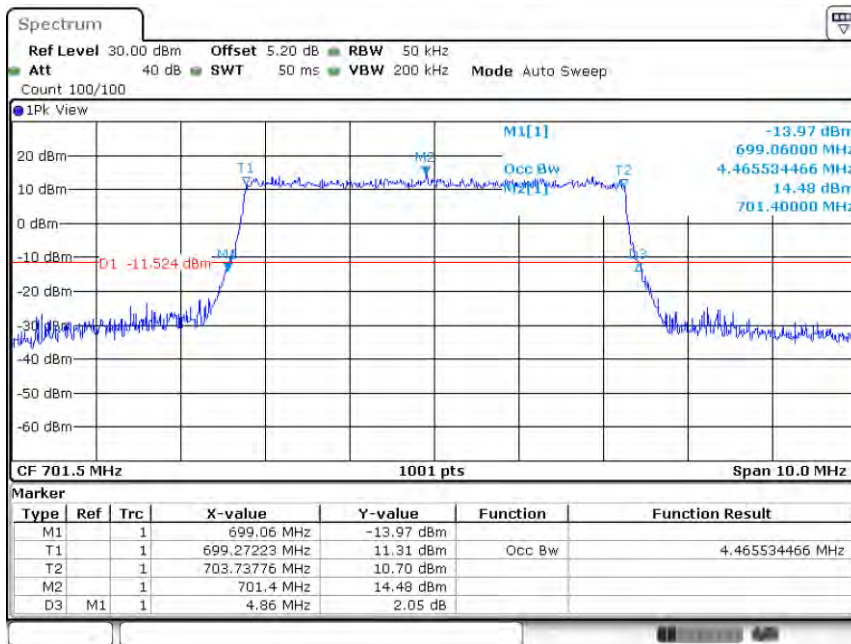


Band12-3MHz-16QAM-23165-15RB#0-2.685



Date: 10.MAY.2021 00:54:07

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



Date: 10.MAY.2021 00:54:25

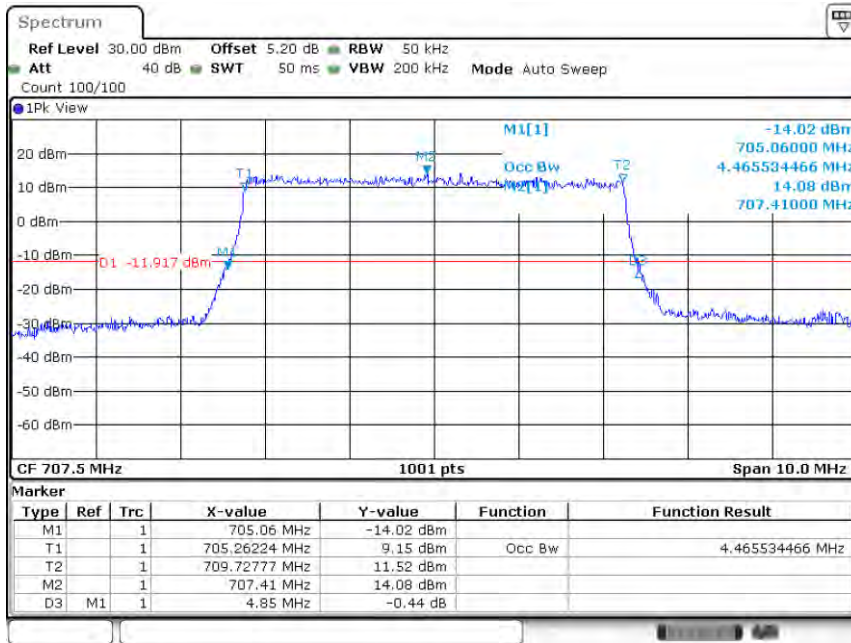


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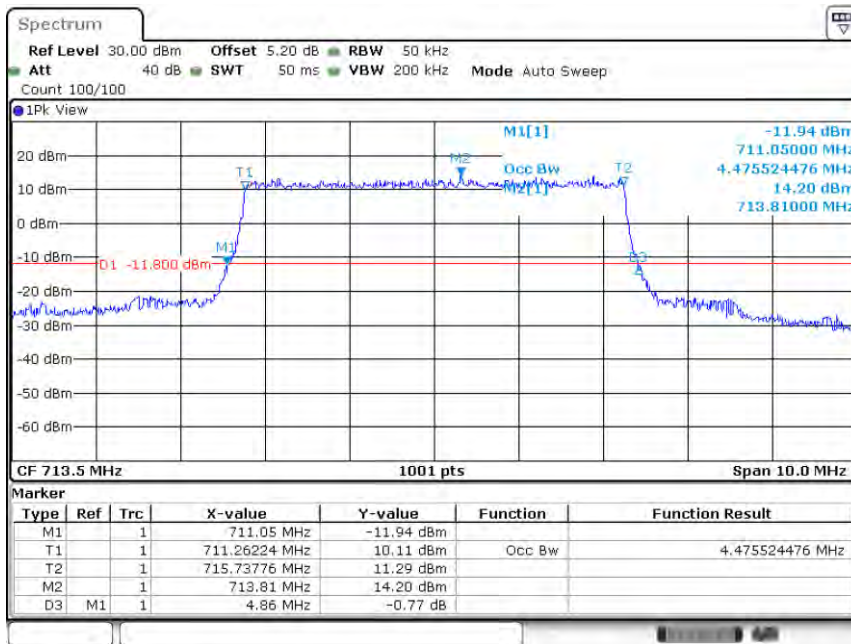


**Band12-5MHz-QPSK-23095-25RB#0-4.466**



Date: 10.MAY.2021 00:54:52

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



Date: 10.MAY.2021 00:55:19

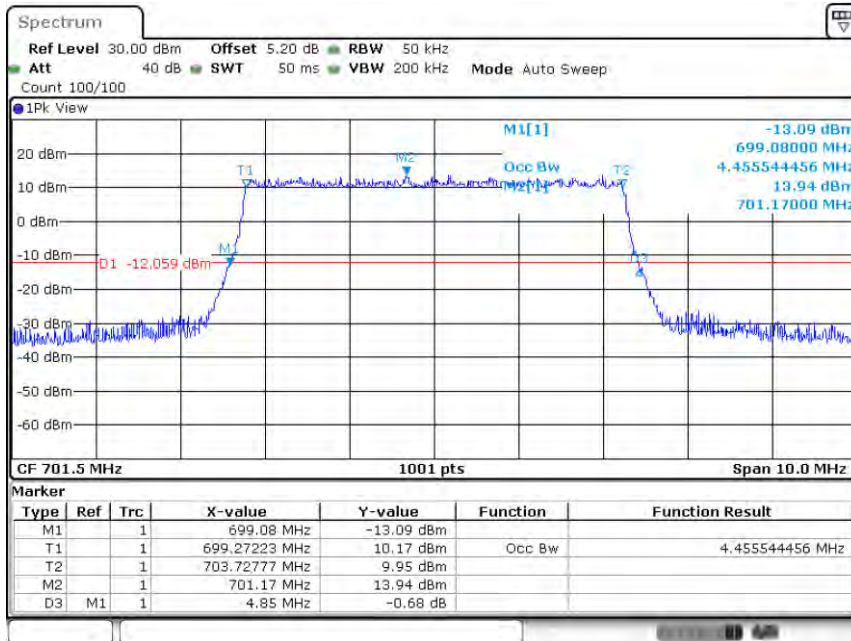


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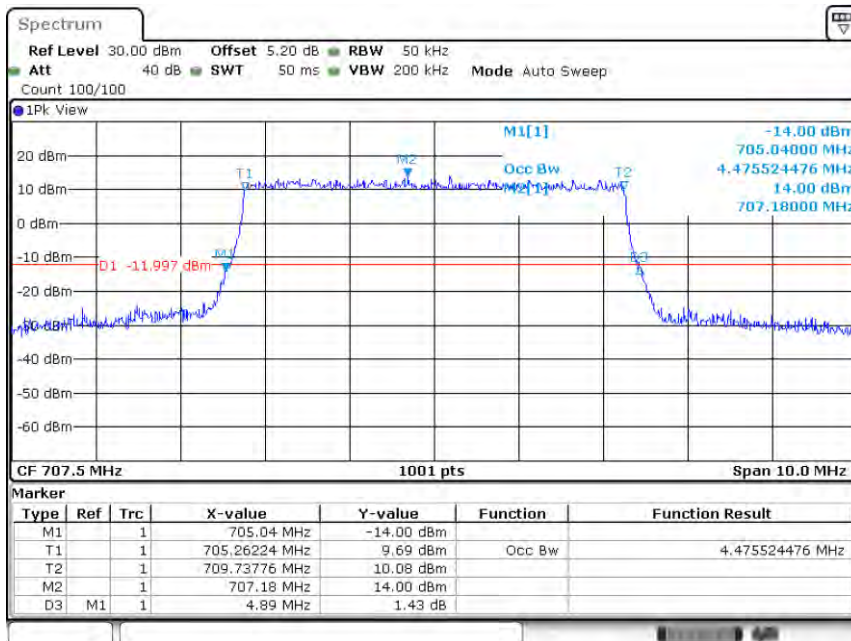


**Band12-5MHz-64QAM-23035-25RB#0-4.456**



Date: 13.MAY.2021 07:05:24

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



Date: 13.MAY.2021 07:05:38



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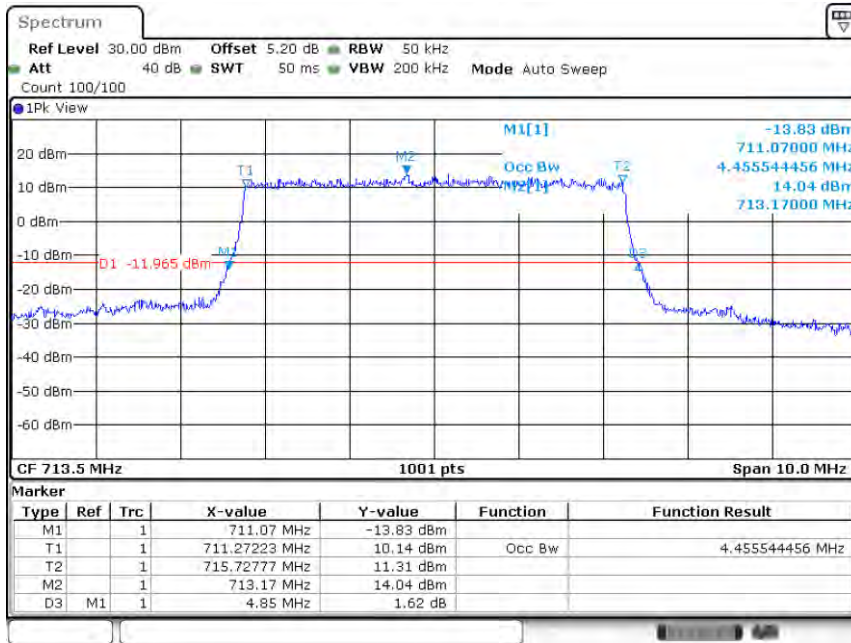
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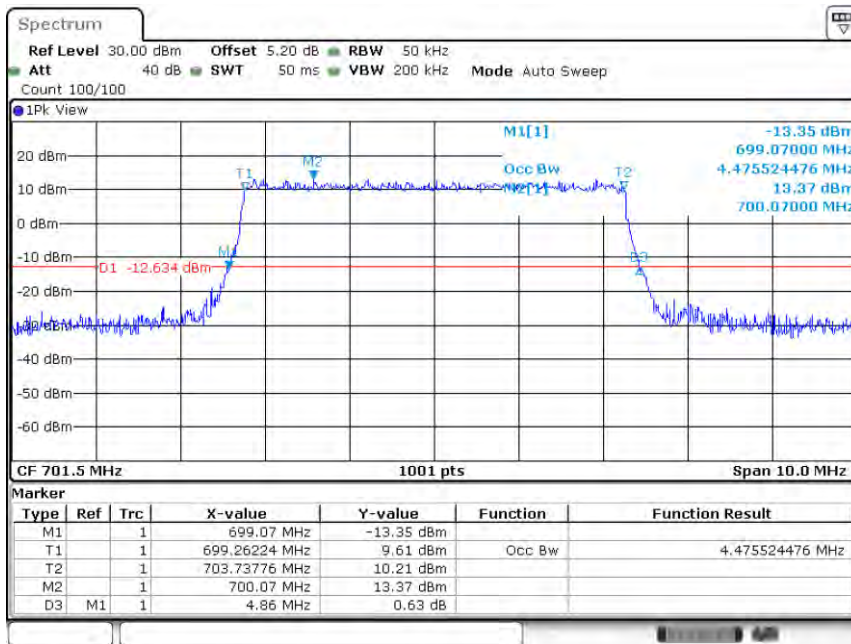


**Band12-5MHz-64QAM-23155-25RB#0-4.456**



Date: 13.MAY.2021 07:05:51

**Band12-5MHz-16QAM-23035-25RB#0-4.476**



Date: 10.MAY.2021 00:54:39

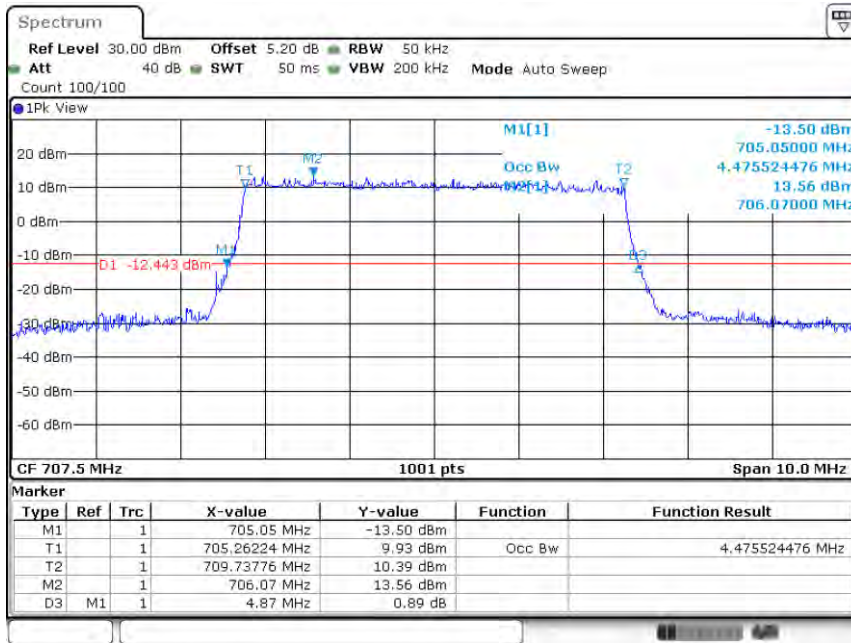


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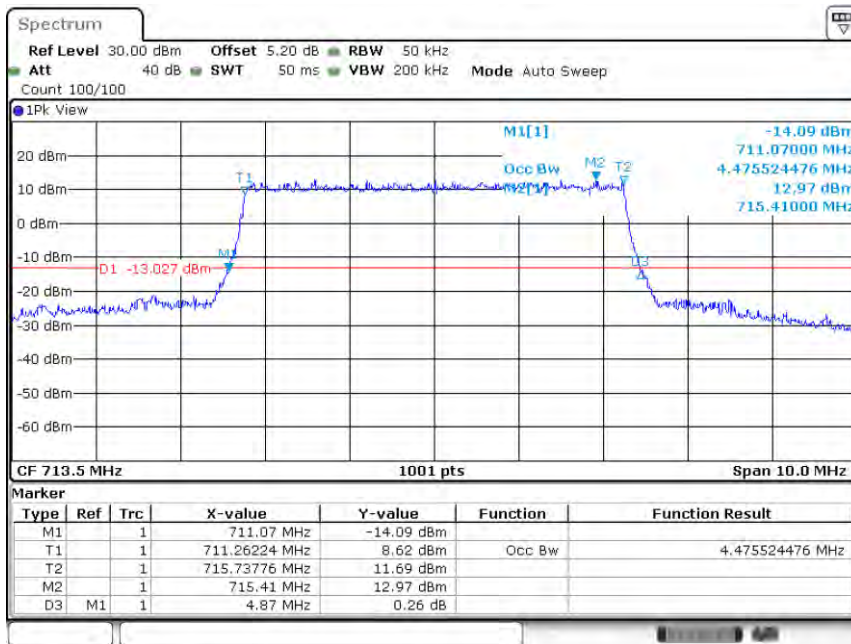


Band12-5MHz-16QAM-23095-25RB#0-4.476



Date: 10.MAY.2021 00:55:06

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



Date: 10.MAY.2021 00:55:32



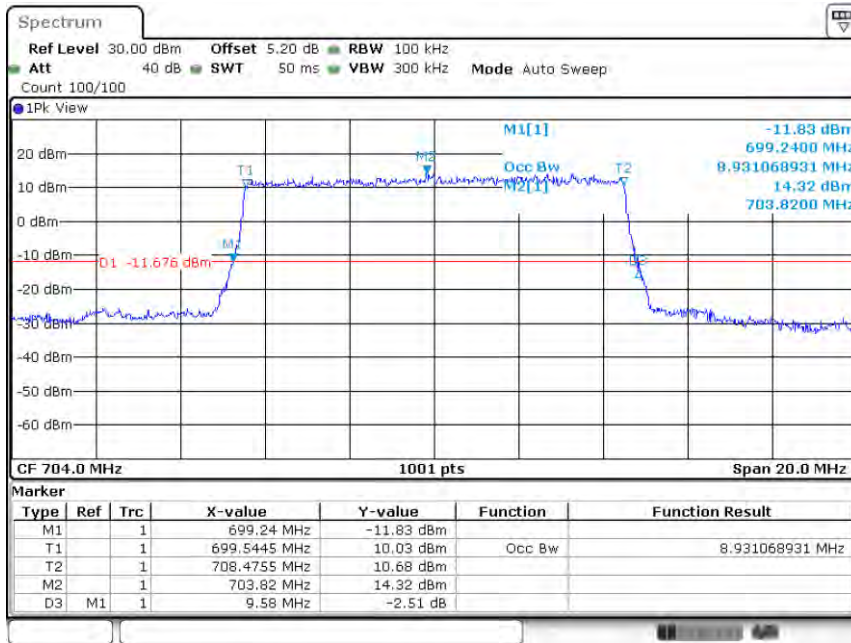
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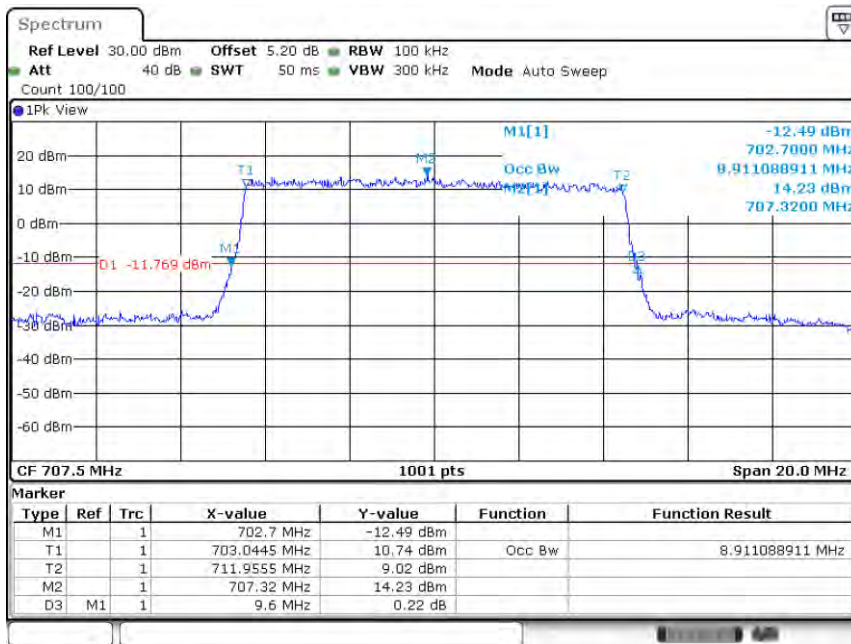


**Band12-10MHz-QPSK-23060-50RB#0-8.931**



Date: 10.MAY.2021 00:55:50

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



Date: 10.MAY.2021 00:56:17

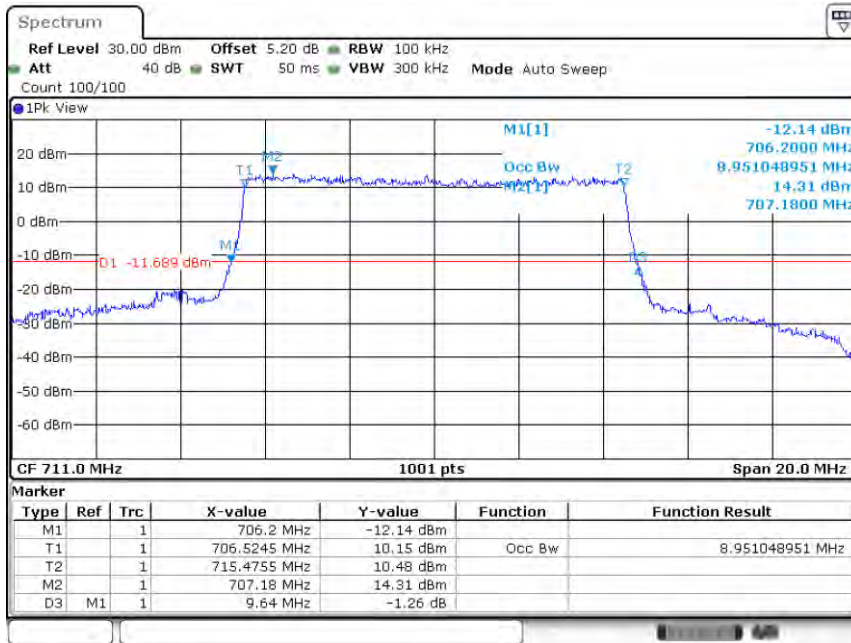


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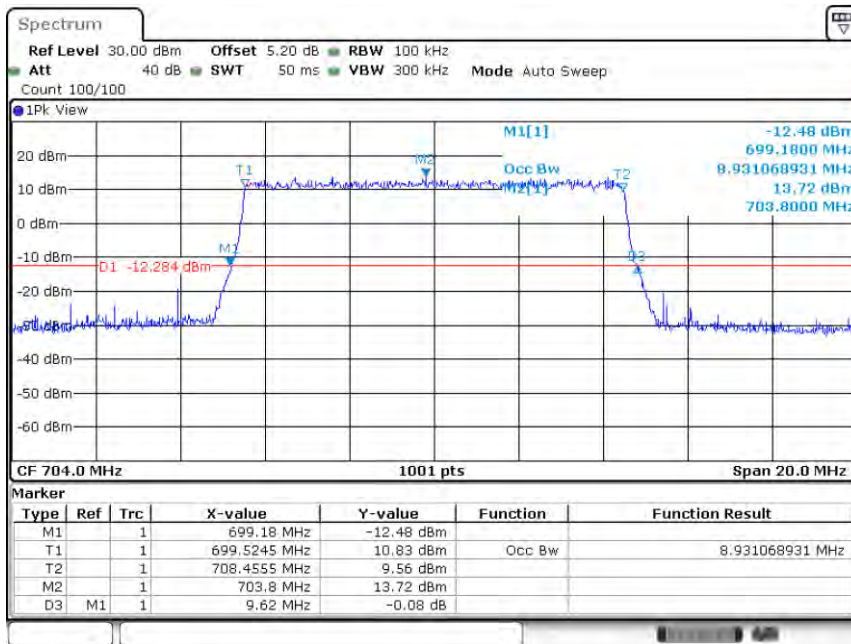


**Band12-10MHz-QPSK-23130-50RB#0-8.951**



Date: 10.MAY.2021 00:56:44

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



Date: 13.MAY.2021 07:06:10



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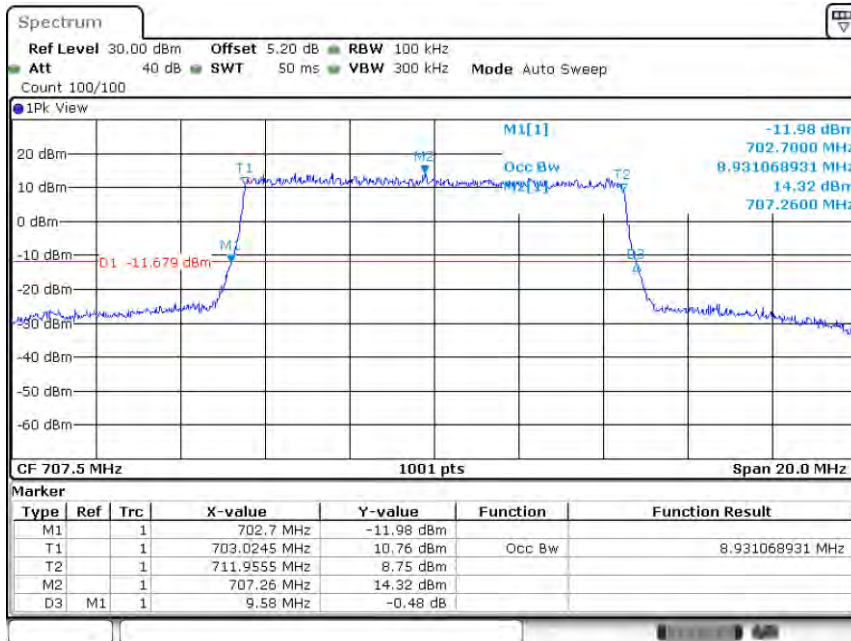
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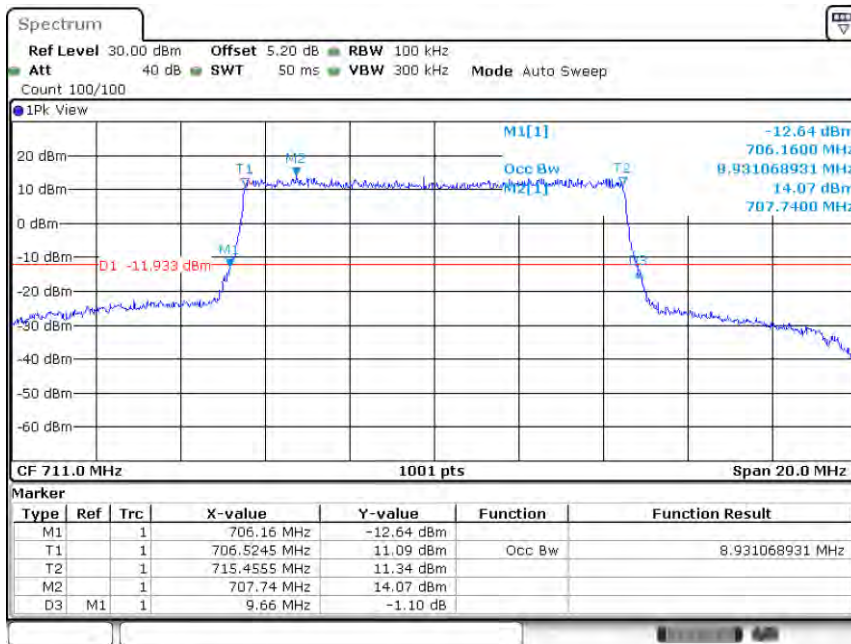


**Band12-10MHz-64QAM-23095-50RB#0-8.931**



Date: 13.MAY.2021 07:06:23

**Band12-10MHz-64QAM-23130-50RB#0-8.931**



Date: 13.MAY.2021 07:06:36



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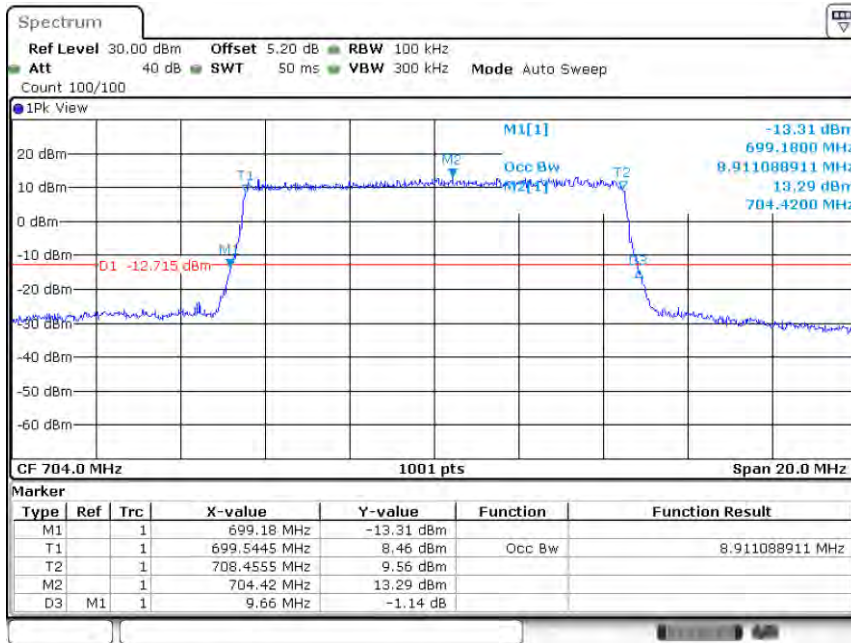
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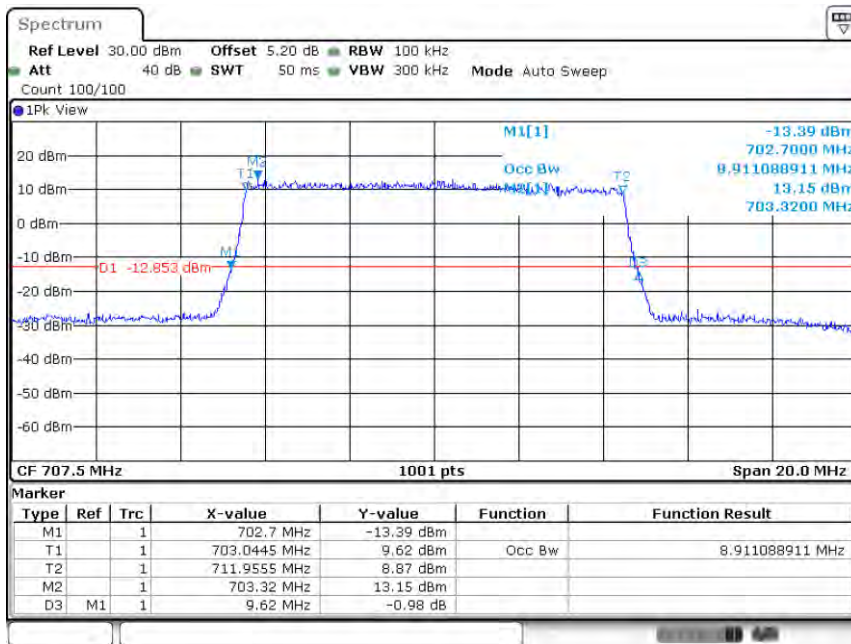


Band12-10MHz-16QAM-23060-50RB#0-8.911



Date: 10.MAY.2021 00:56:04

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



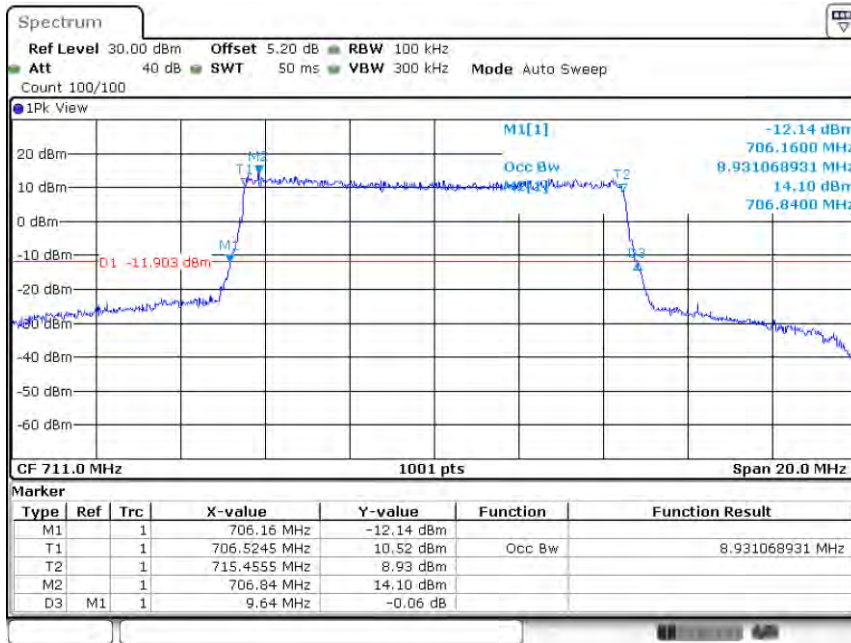
Date: 10.MAY.2021 00:56:31



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Band12-10MHz-16QAM-23130-50RB#0-8.931



Date: 10.MAY.2021 00:56:58



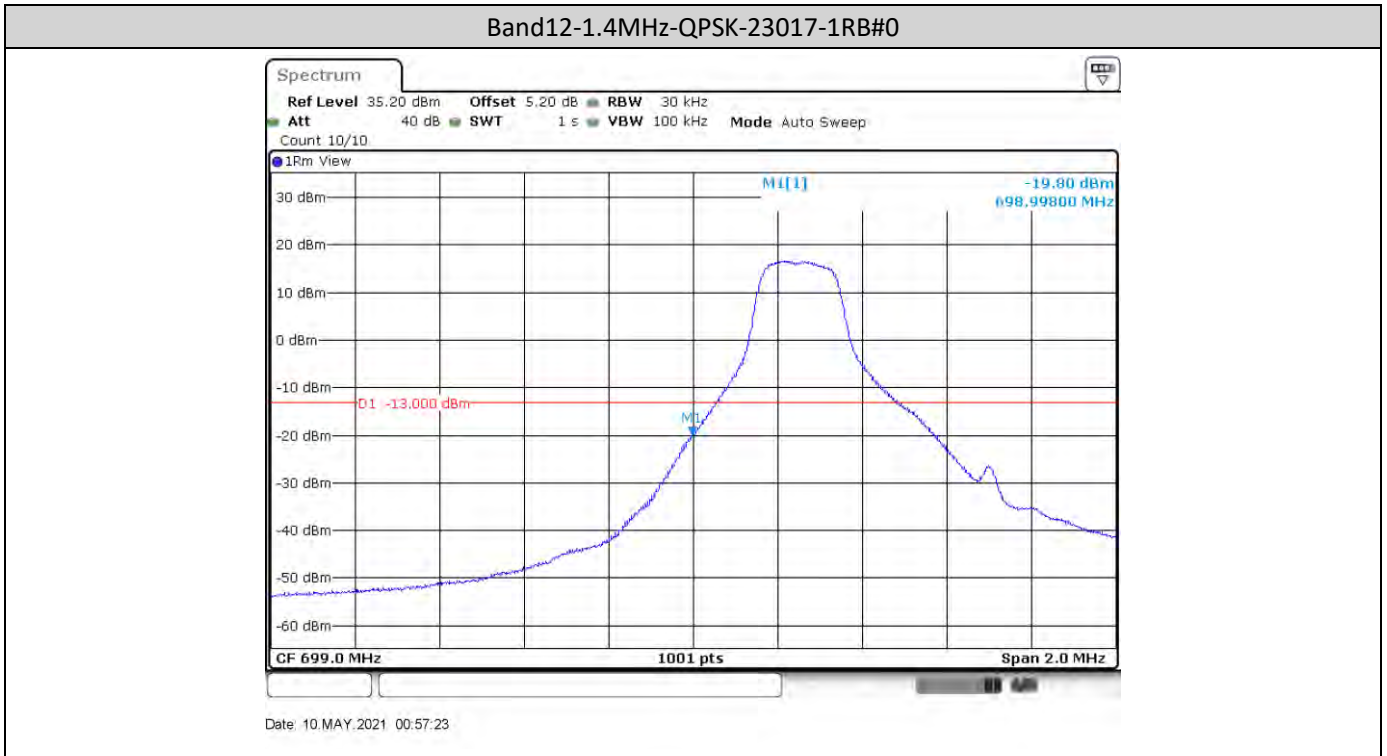
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## 5. Band Edge Compliance

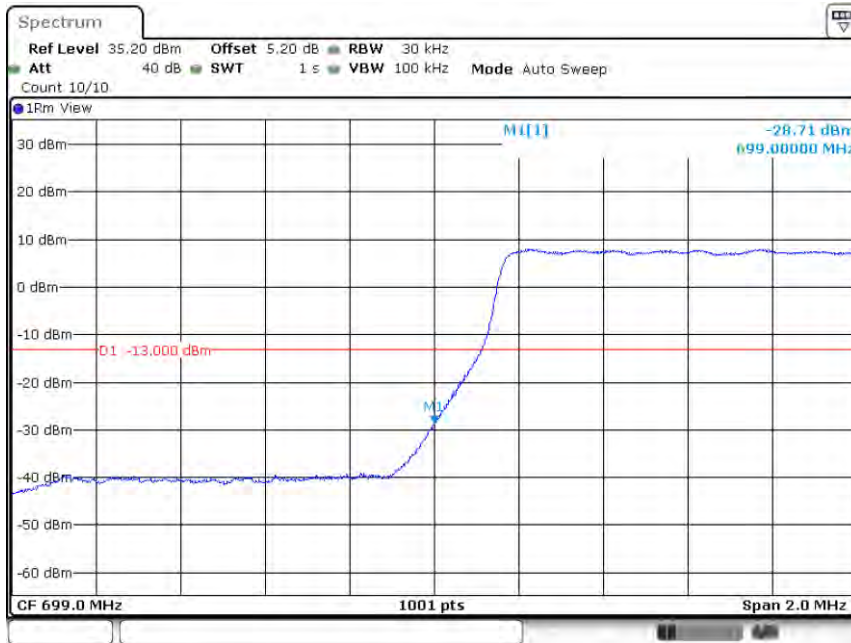
### 5.1. Test Plots



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



Date: 10.MAY.2021 00:58:05

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



Date: 10.MAY.2021 00:58:50



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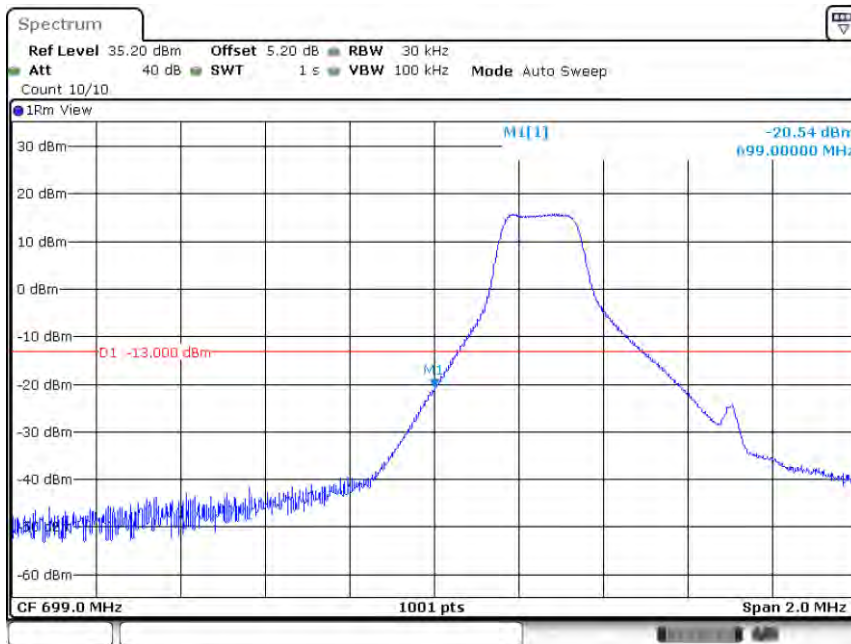


**Band12-1.4MHz-QPSK-23173-6RB#0**



Date: 10.MAY.2021 00:59:31

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



Date: 13.MAY.2021 07:07:02



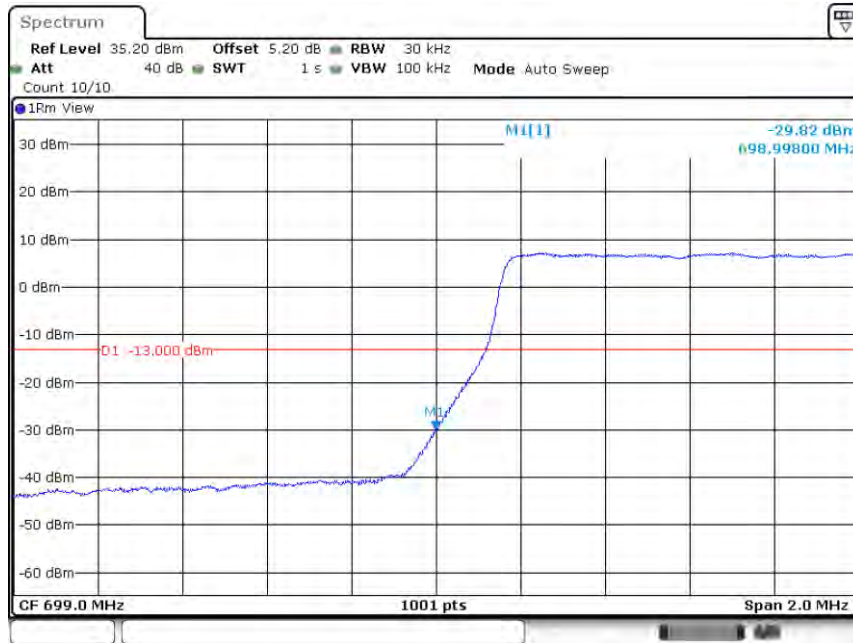
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**Band12-1.4MHz-64QAM-23017-6RB#0**



Date: 13.MAY.2021 07:07:23

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



Date: 13.MAY.2021 07:07:48



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



Date: 13.MAY.2021 07:08:08

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



Date: 10.MAY.2021 00:57:44



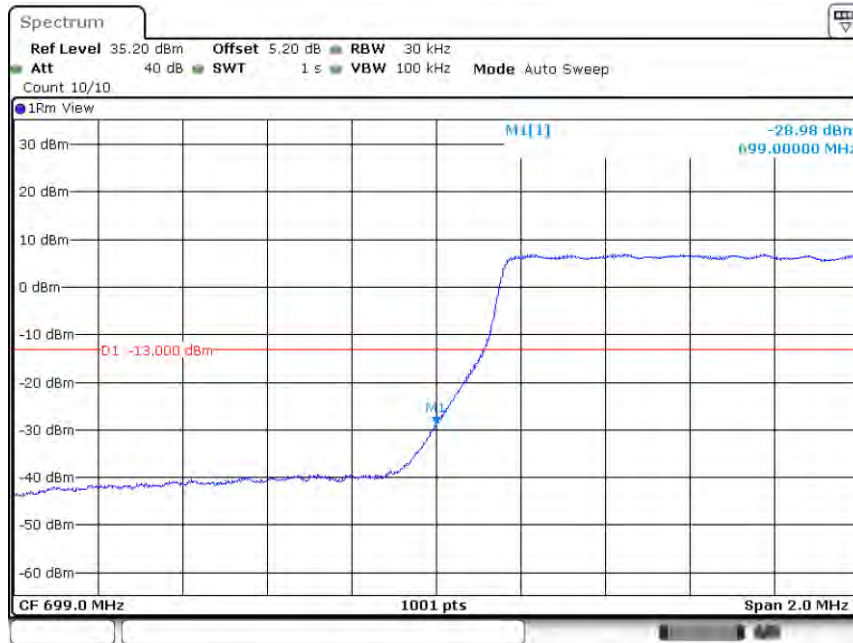
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**Band12-1.4MHz-16QAM-23017-6RB#0**



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



Date: 10.MAY.2021 00:59:11



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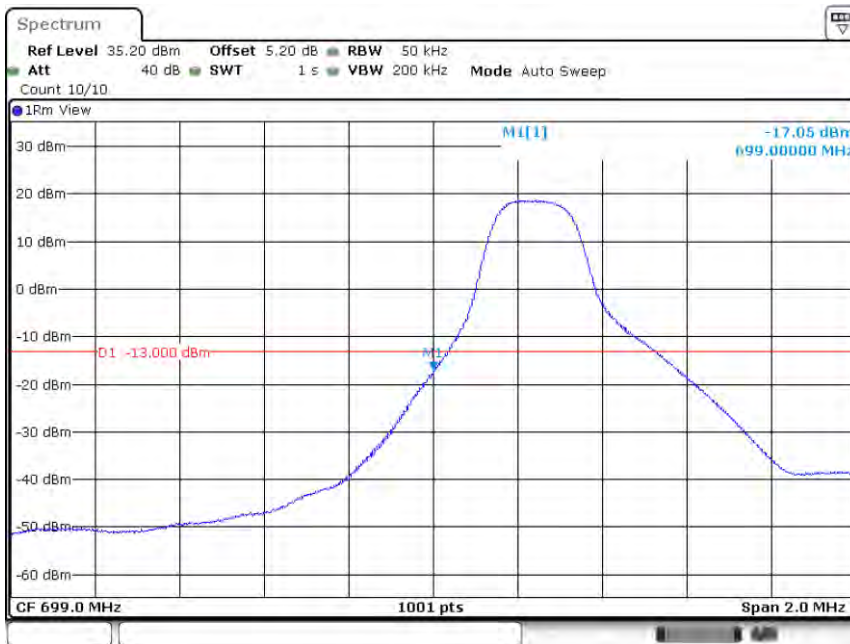


Band12-1.4MHz-16QAM-23173-6RB#0



Date: 10.MAY.2021 00:59:52

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

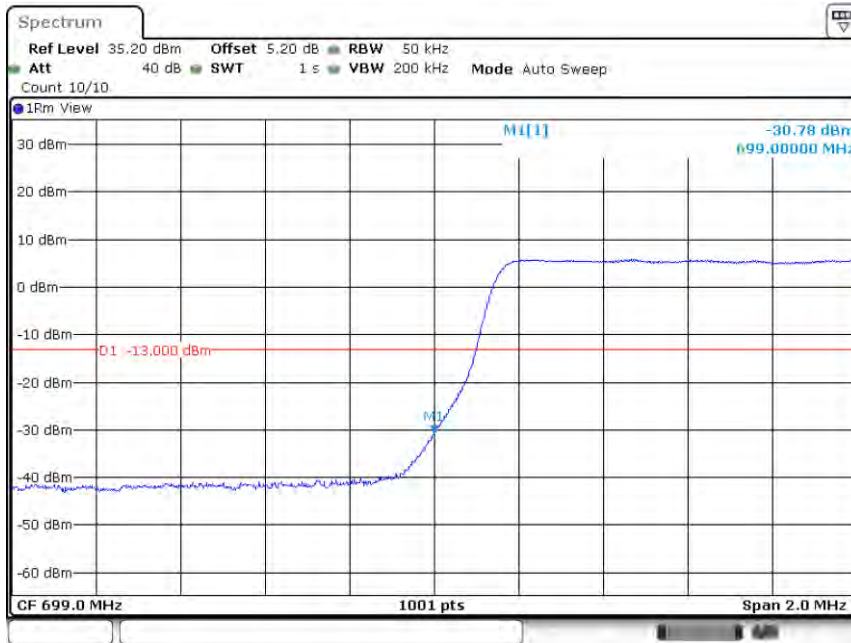


Date: 10.MAY.2021 01:00:18



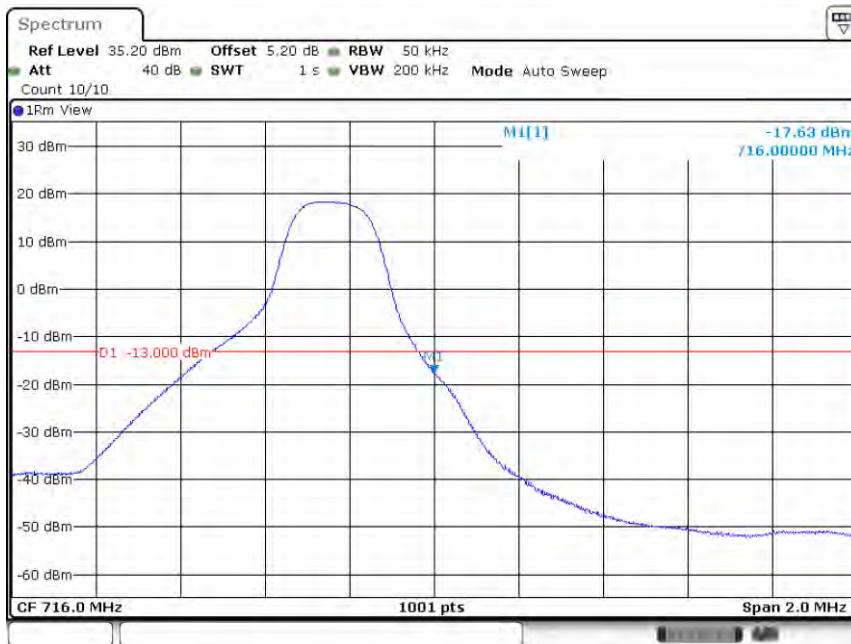
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**Band12-3MHz-QPSK-23025-15RB#0**



Date: 10.MAY.2021 01:00:59

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



Date: 10.MAY.2021 01:01:44



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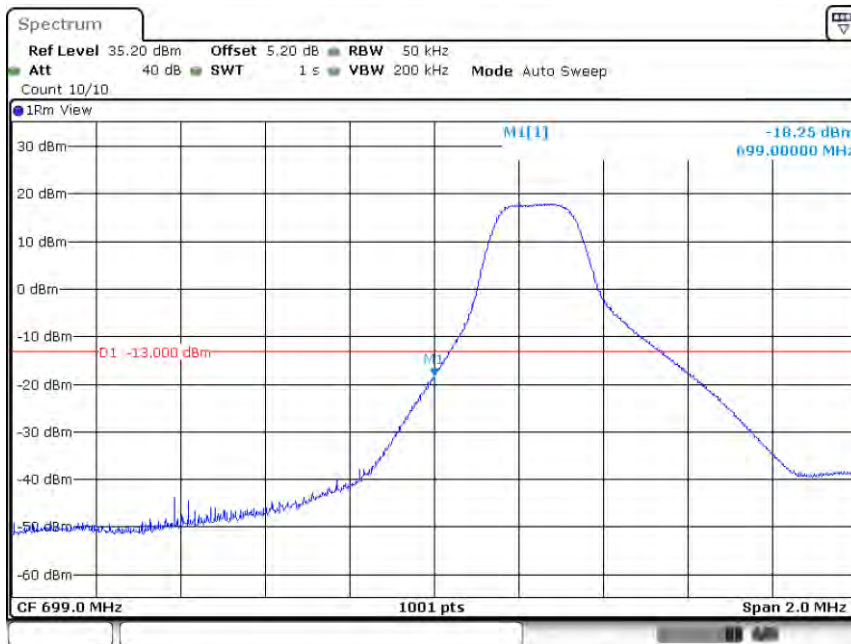


**Band12-3MHz-QPSK-23165-15RB#0**



Date: 10.MAY.2021 01:02:25

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



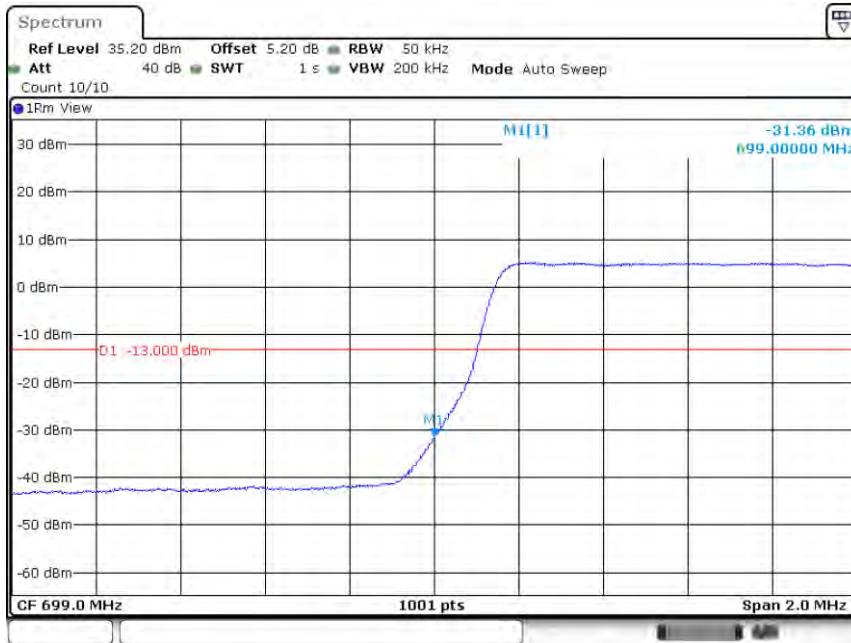
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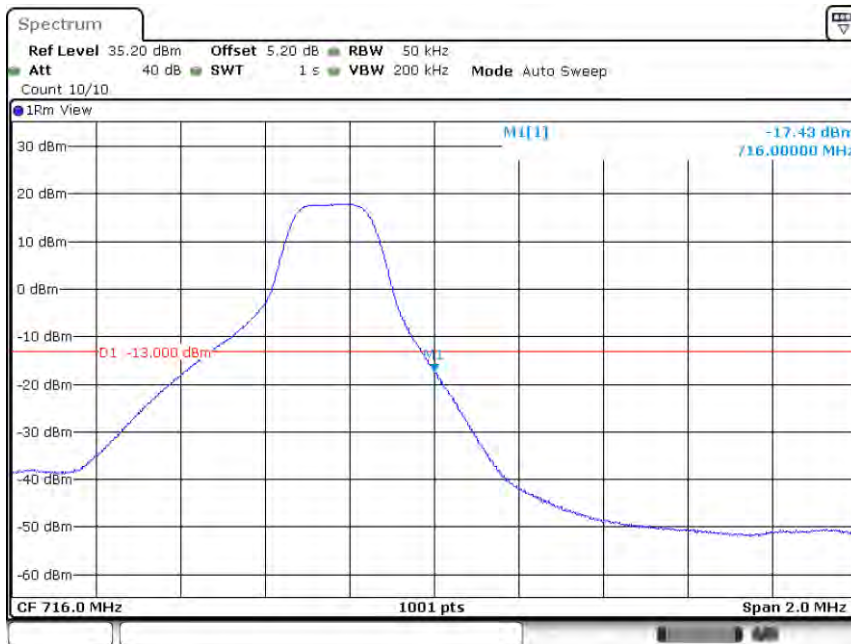


**Band12-3MHz-64QAM-23025-15RB#0**



Date: 13.MAY.2021 07:08:55

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



Date: 13.MAY.2021 07:09:20



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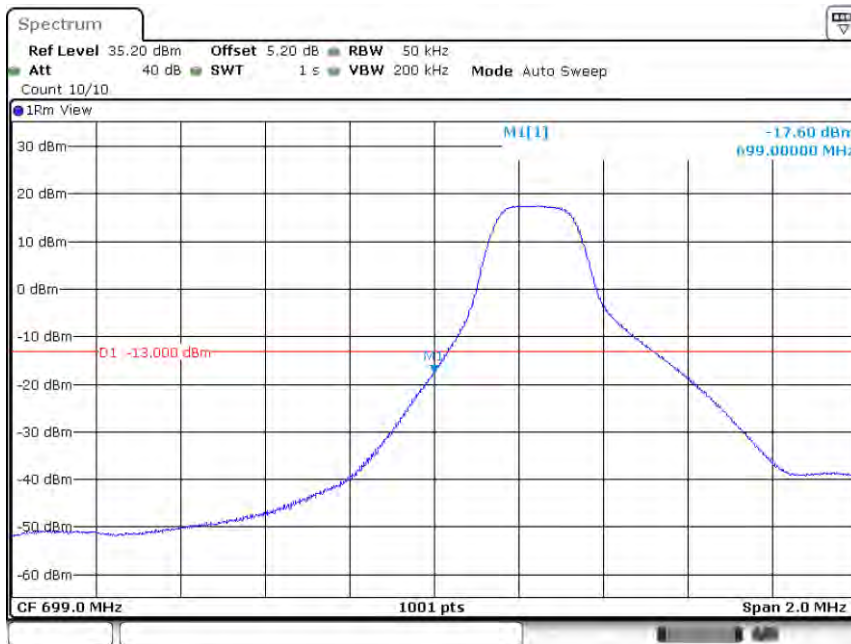


**Band12-3MHz-64QAM-23165-15RB#0**



Date: 13.MAY.2021 07:09:41

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



Date: 10.MAY.2021 01:00:38

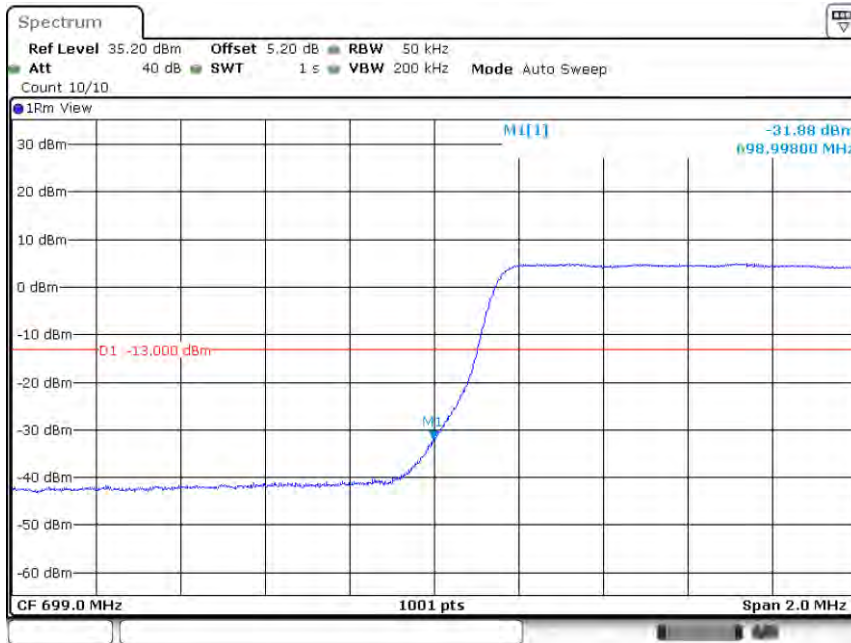


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**Band12-3MHz-16QAM-23025-15RB#0**



Date: 10.MAY.2021 01:01:19

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



Date: 10.MAY.2021 01:02:05



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



Date: 10.MAY.2021 01:02:46

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



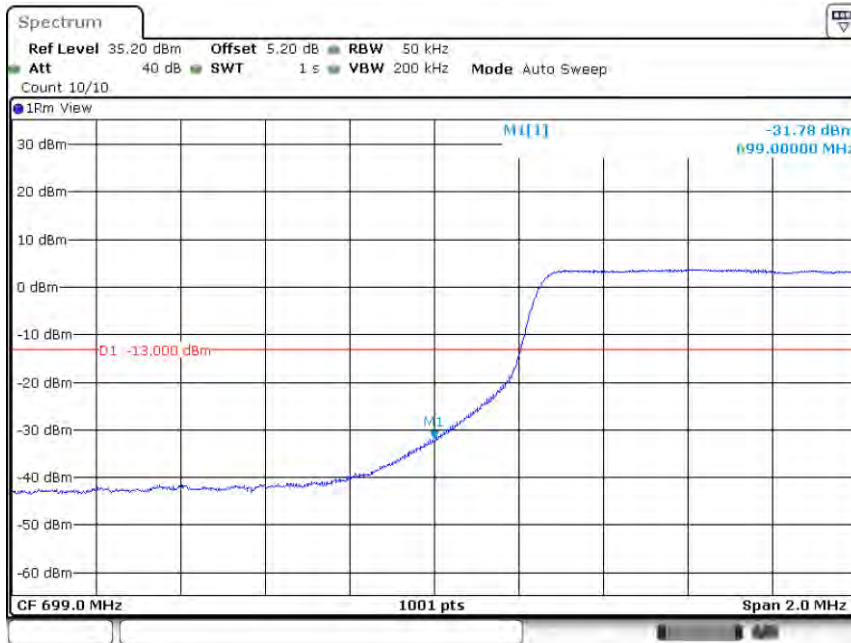
Date: 10.MAY.2021 01:03:11



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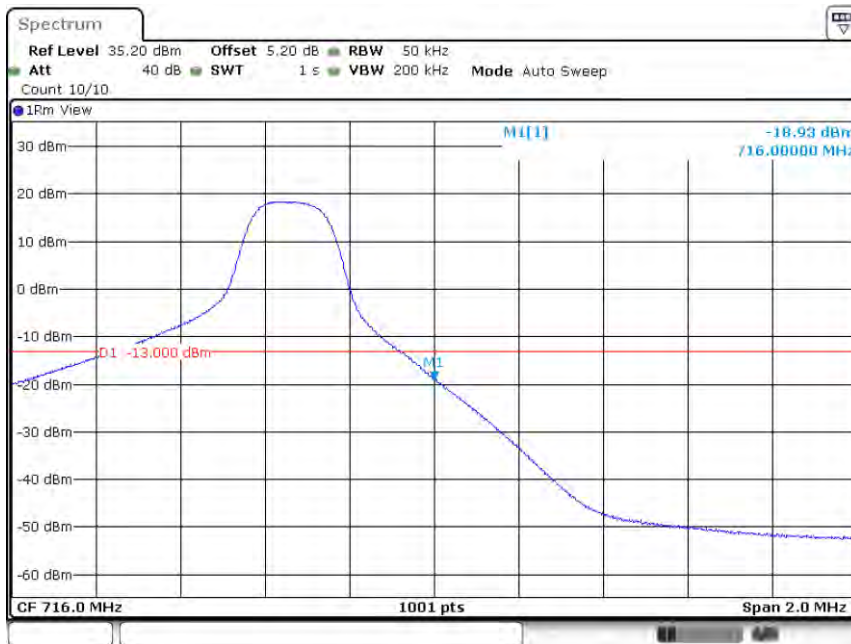


**Band12-5MHz-QPSK-23035-25RB#0**



Date: 10.MAY.2021 01:03:52

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



Date: 10.MAY.2021 01:04:38



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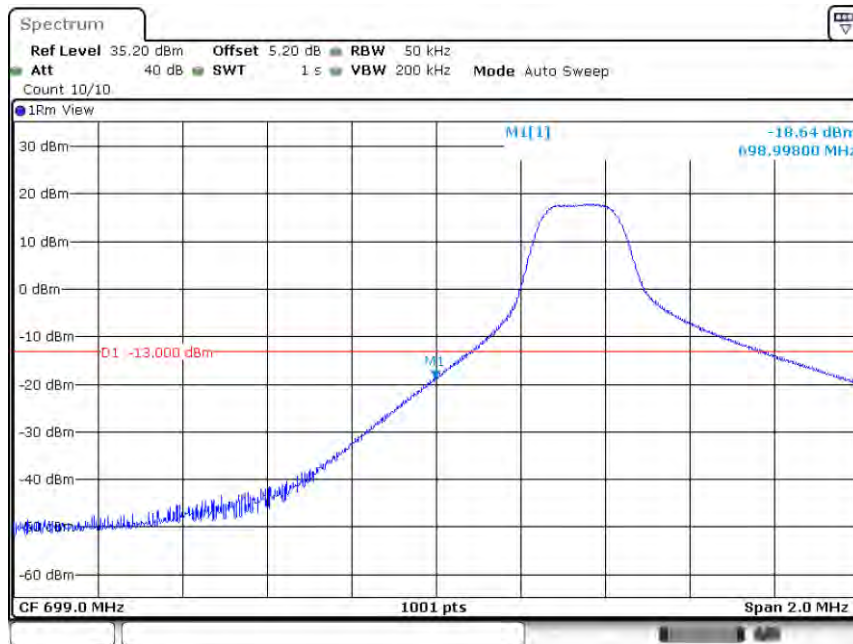


**Band12-5MHz-QPSK-23155-25RB#0**



Date: 10.MAY.2021 01:05:19

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



Date: 13.MAY.2021 07:10:06

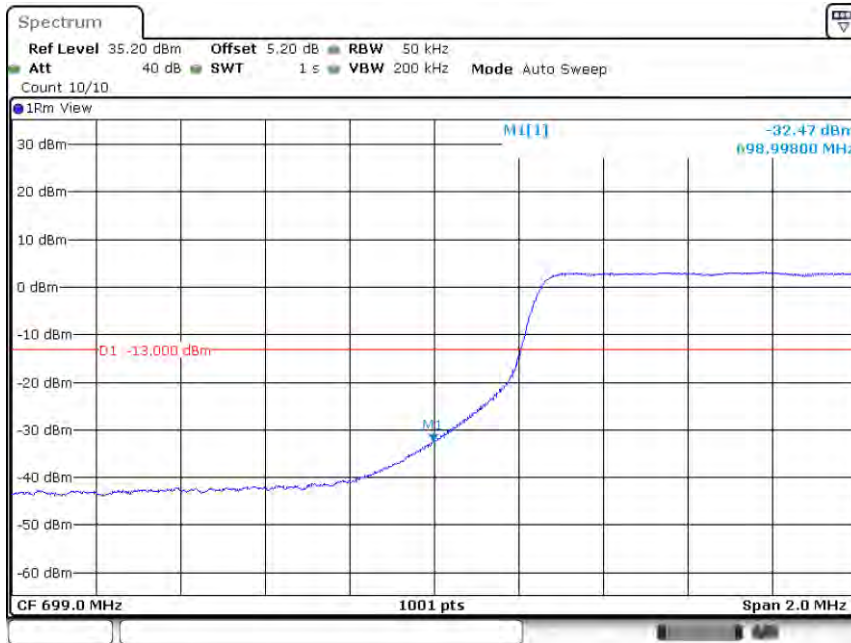


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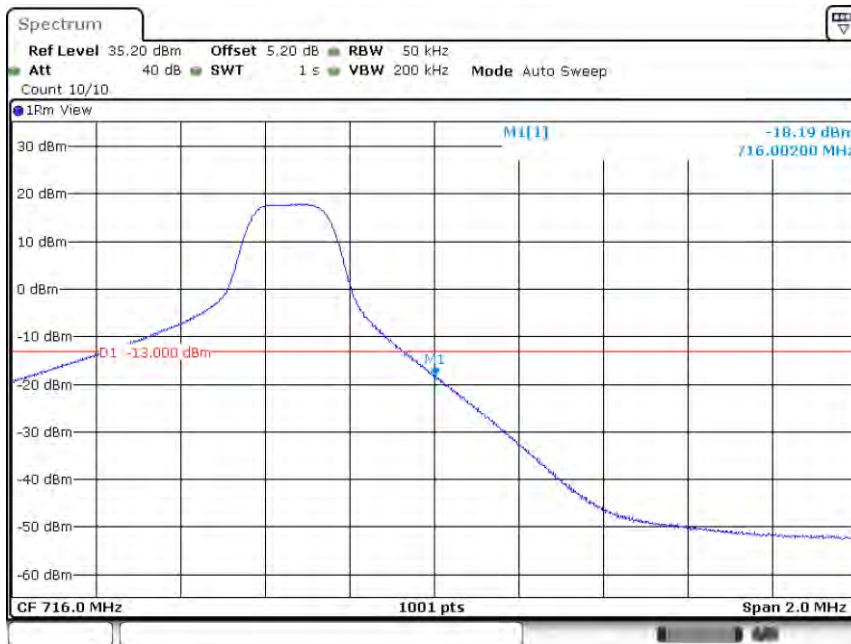


**Band12-5MHz-64QAM-23035-25RB#0**



Date: 13.MAY.2021 07:10:27

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



Date: 13.MAY.2021 07:10:52



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



Date: 13.MAY.2021 07:11:12

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



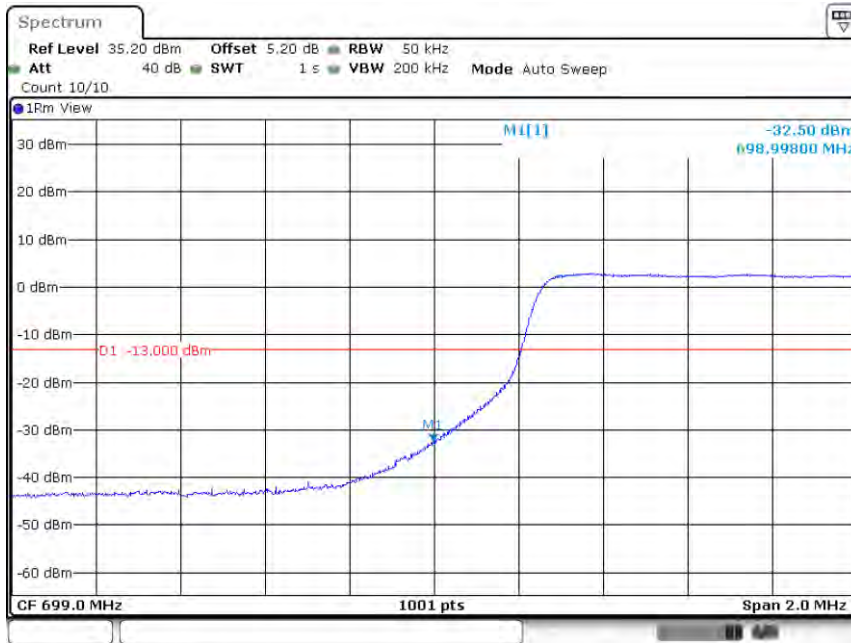
Date: 10.MAY.2021 01:03:32



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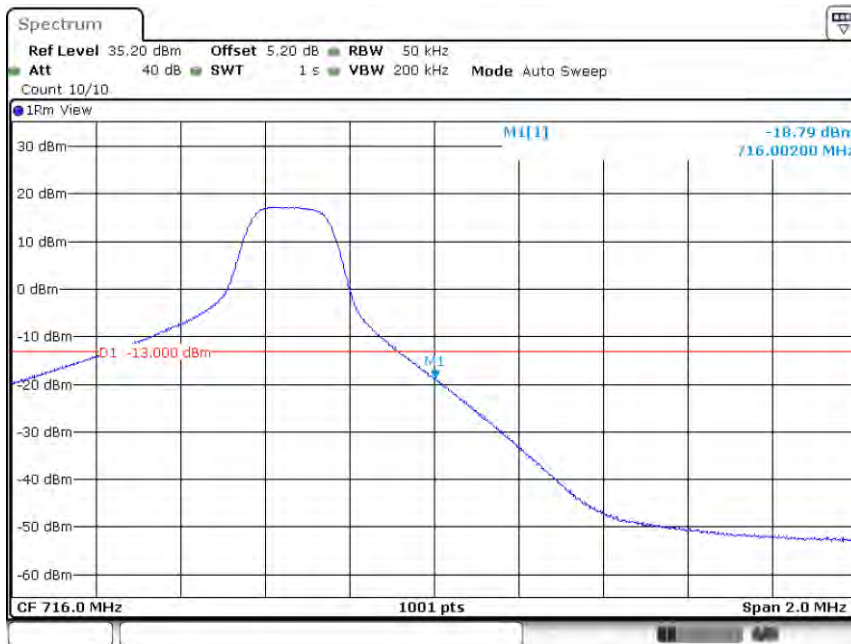


**Band12-5MHz-16QAM-23035-25RB#0**



Date: 10.MAY.2021 01:04:13

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



Date: 10.MAY.2021 01:04:58



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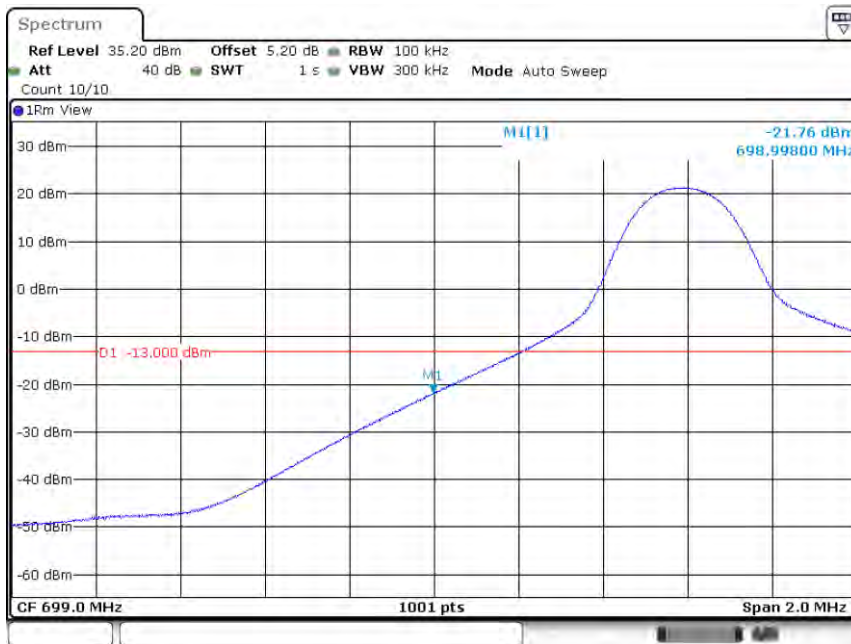


**Band12-5MHz-16QAM-23155-25RB#0**



Date: 10.MAY.2021 01:05:39

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



Date: 10.MAY.2021 01:06:04



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



Date: 10.MAY.2021 01:06:46

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



Date: 10.MAY.2021 01:07:31



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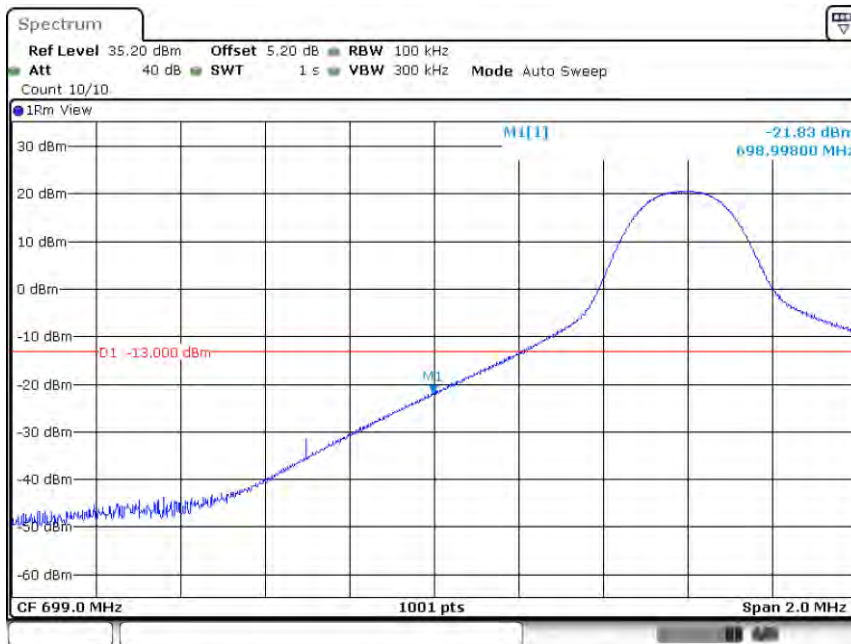


**Band12-10MHz-QPSK-23130-50RB#0**



Date: 10.MAY.2021 01:08:12

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



Date: 13.MAY.2021 07:11:38



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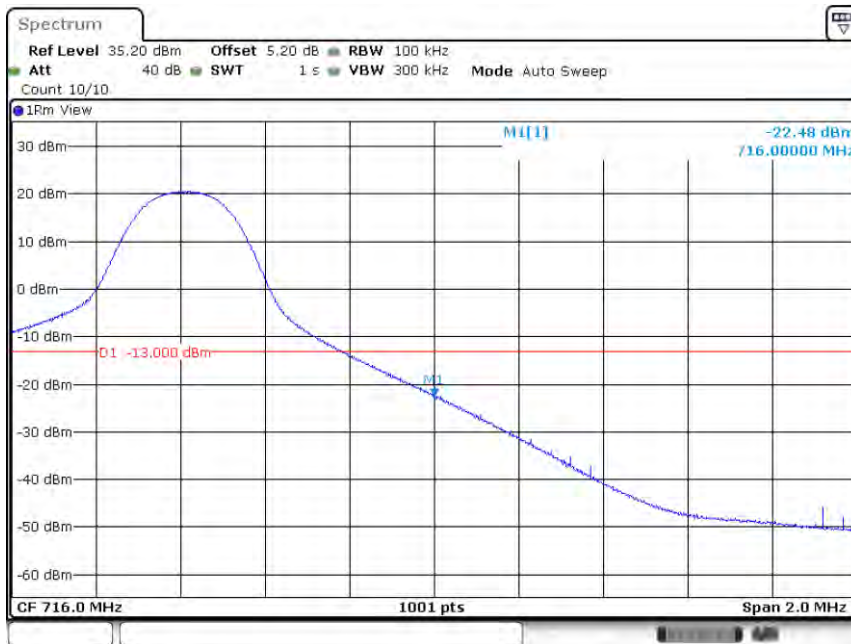


**Band12-10MHz-64QAM-23060-50RB#0**



Date: 13.MAY.2021 07:11:58

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



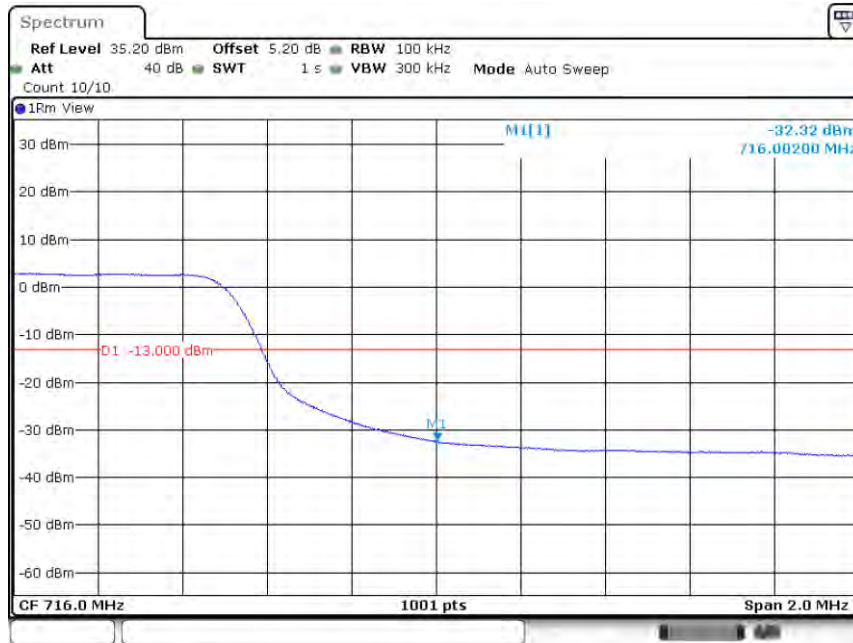
Date: 13.MAY.2021 07:12:24



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



Date: 13.MAY.2021 07:12:44

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



Date: 10.MAY.2021 01:06:25



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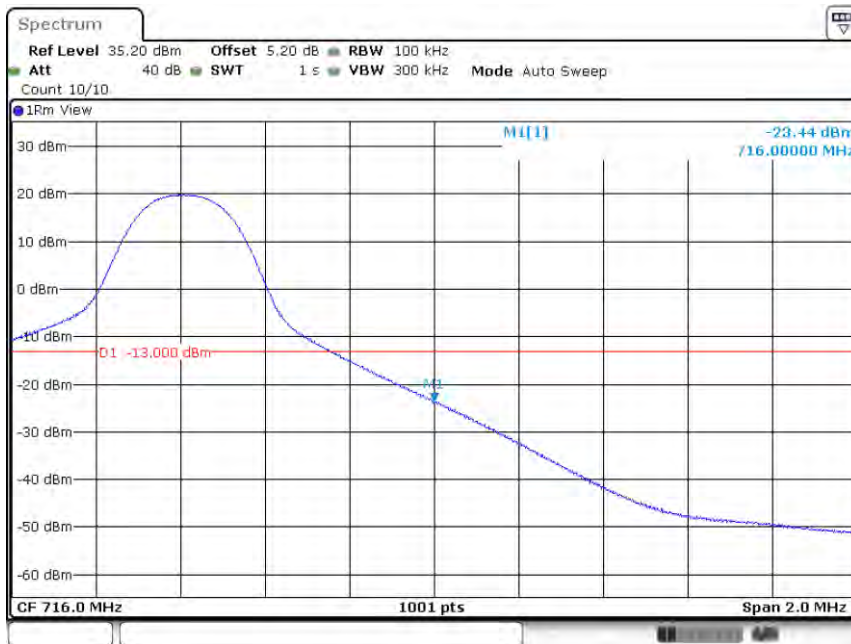


**Band12-10MHz-16QAM-23060-50RB#0**



Date: 10.MAY.2021 01:07:06

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

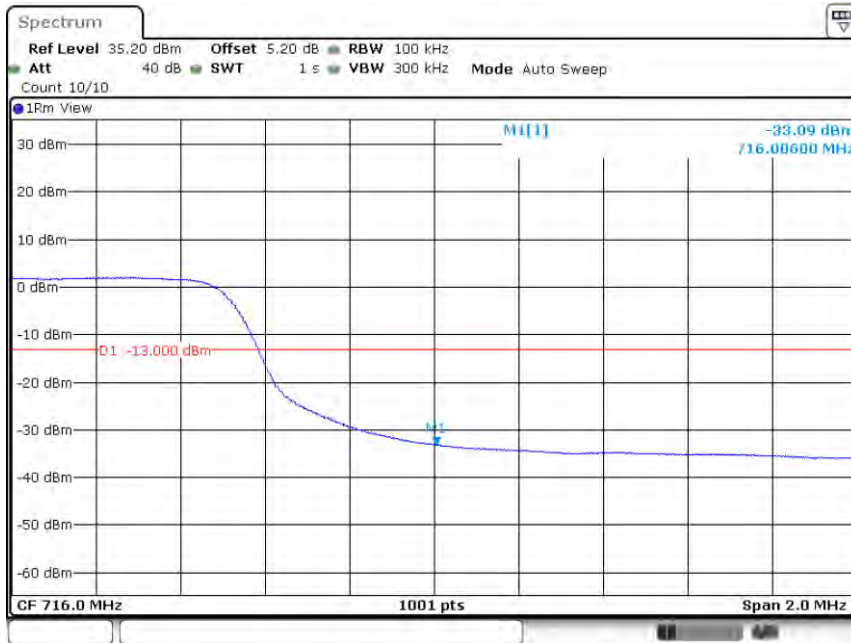


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**Band12-10MHz-16QAM-23130-50RB#0**



Date: 10.MAY.2021 01:08:33



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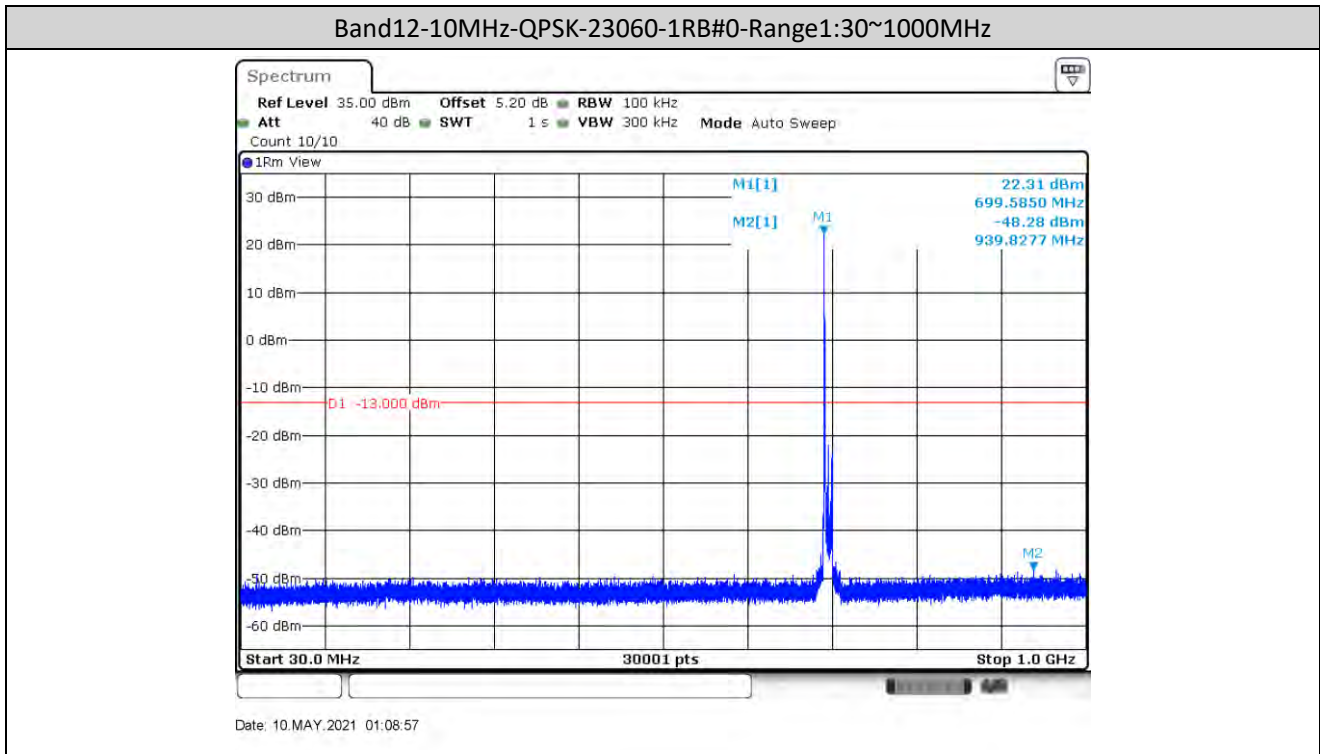
## 6. Spurious Emission at Antenna Terminal

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.

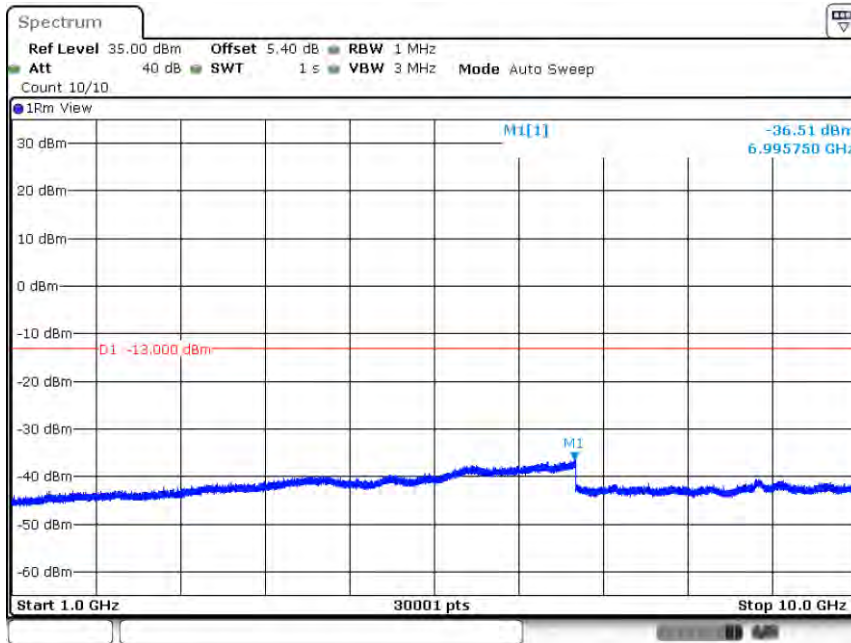
Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

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

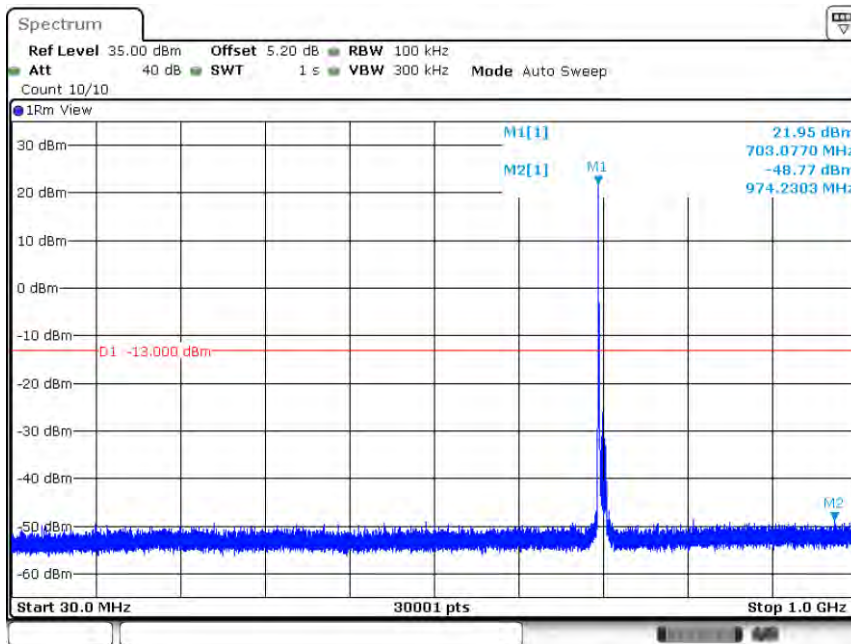


**Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz**



Date: 10.MAY.2021 01:09:13

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



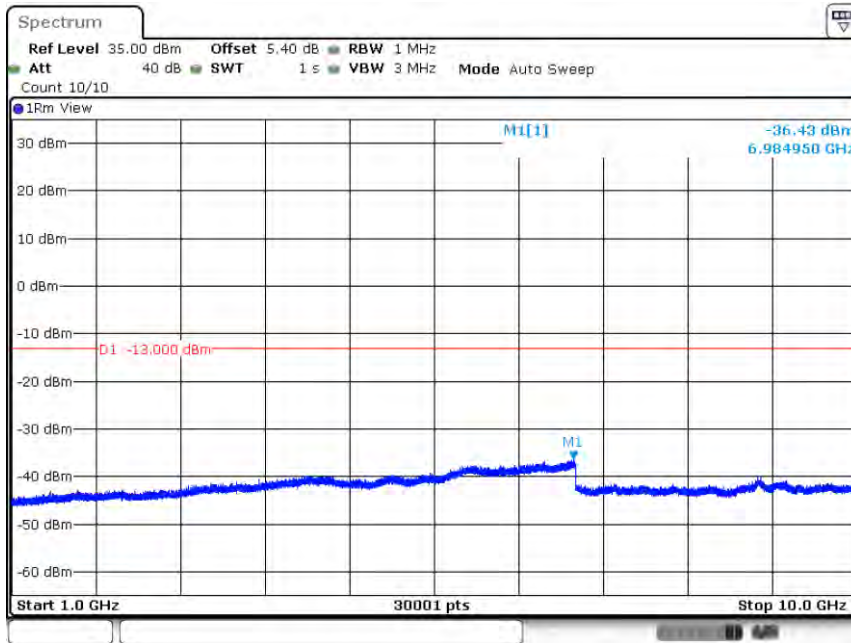
Date: 10.MAY.2021 01:10:08



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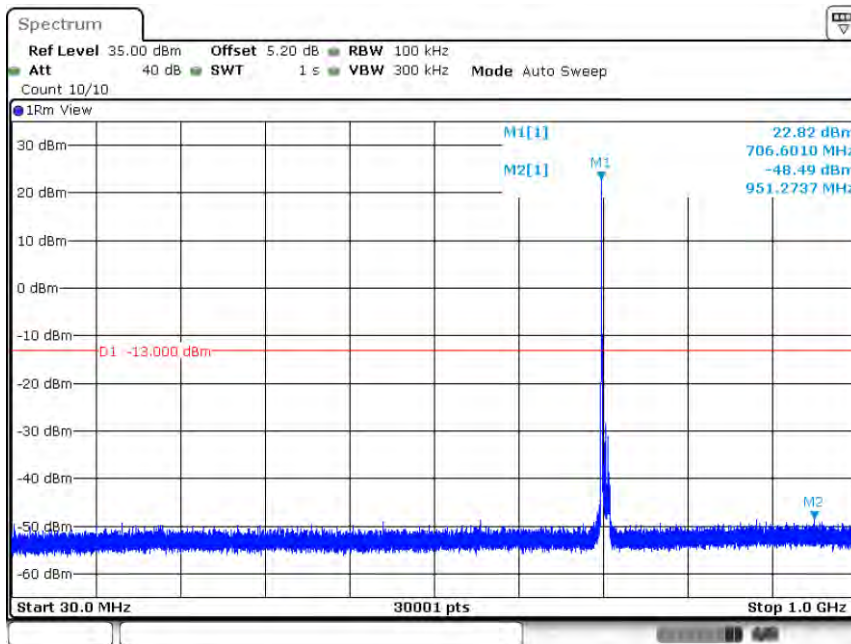


**Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz**



Date: 10.MAY.2021 01:10:23

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



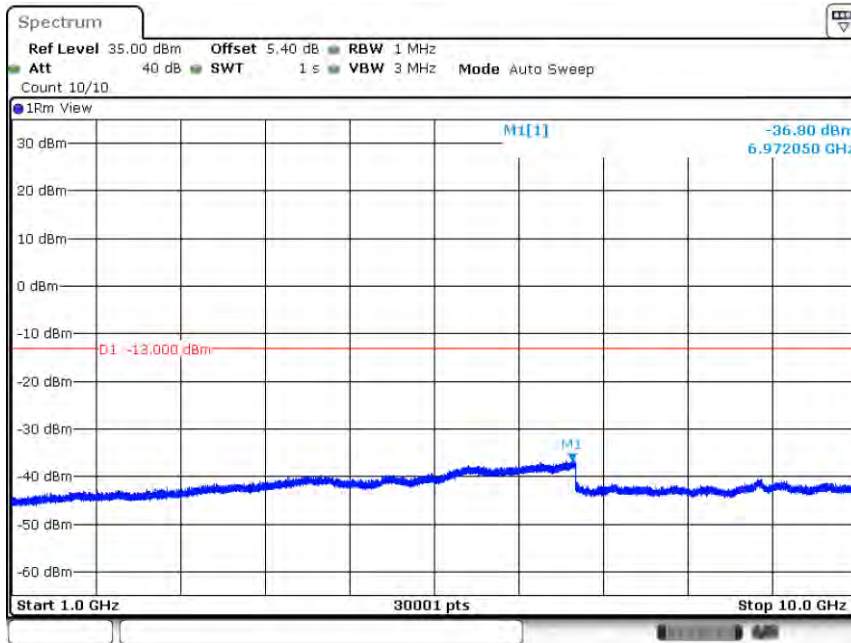
Date: 10.MAY.2021 01:11:19



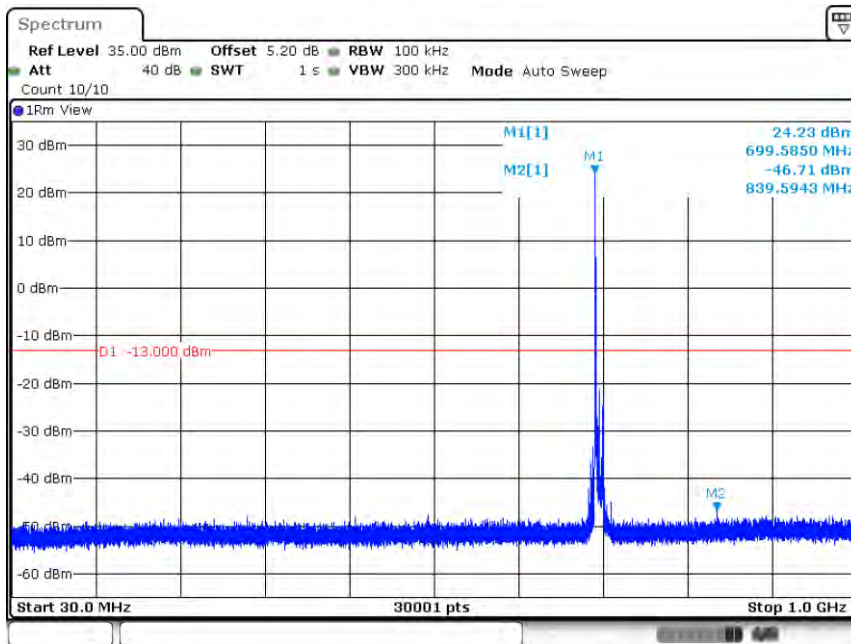
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**Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz**

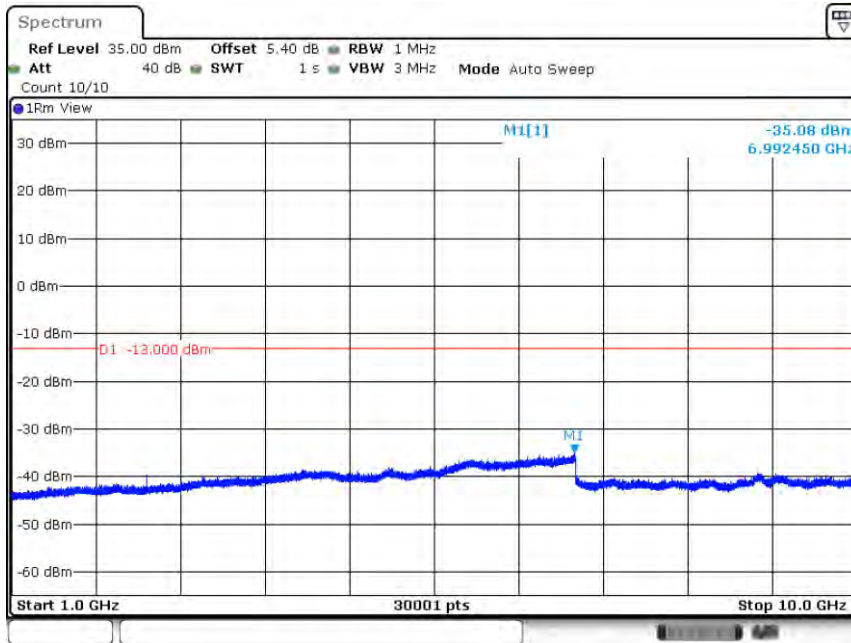


**Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz**



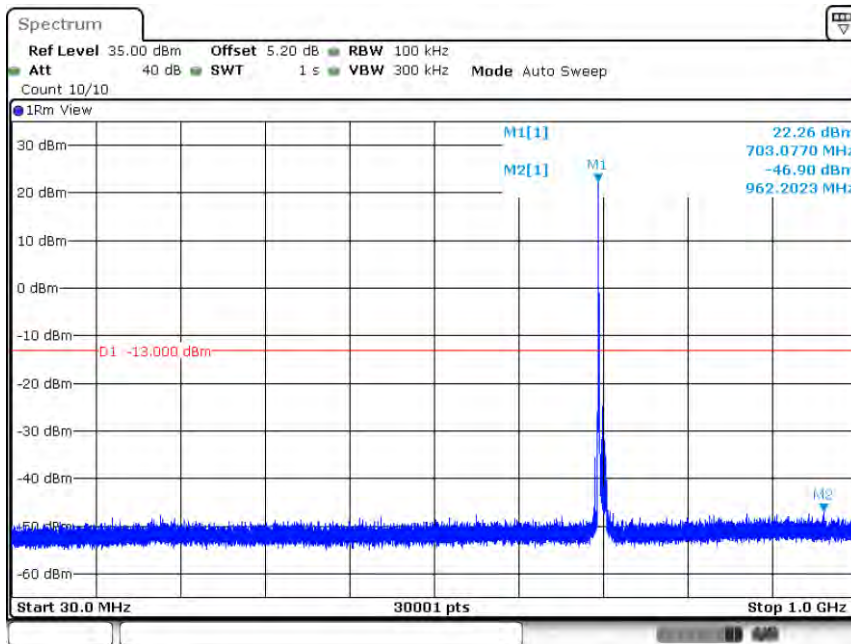
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**Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz**



Date: 13.MAY.2021 07:13:24

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



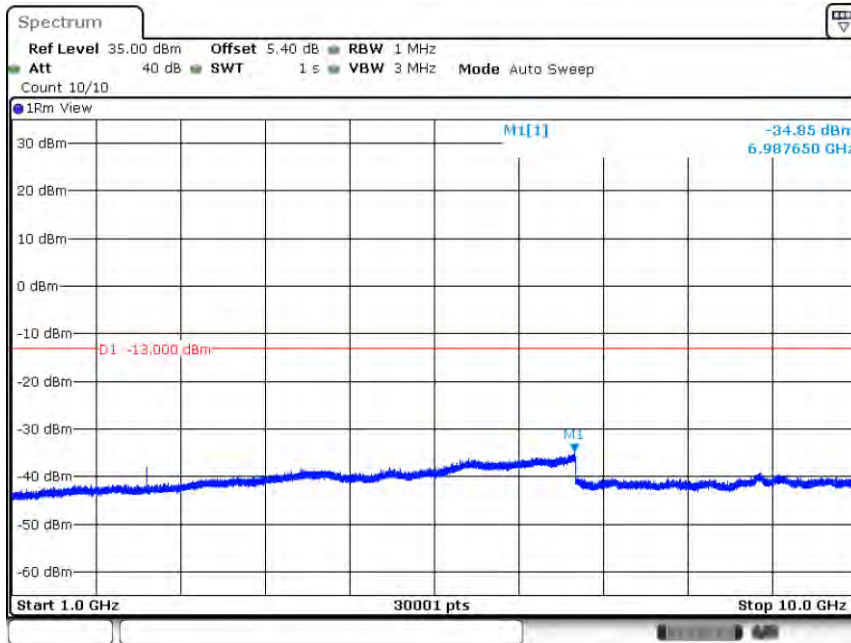
Date: 13.MAY.2021 07:13:44



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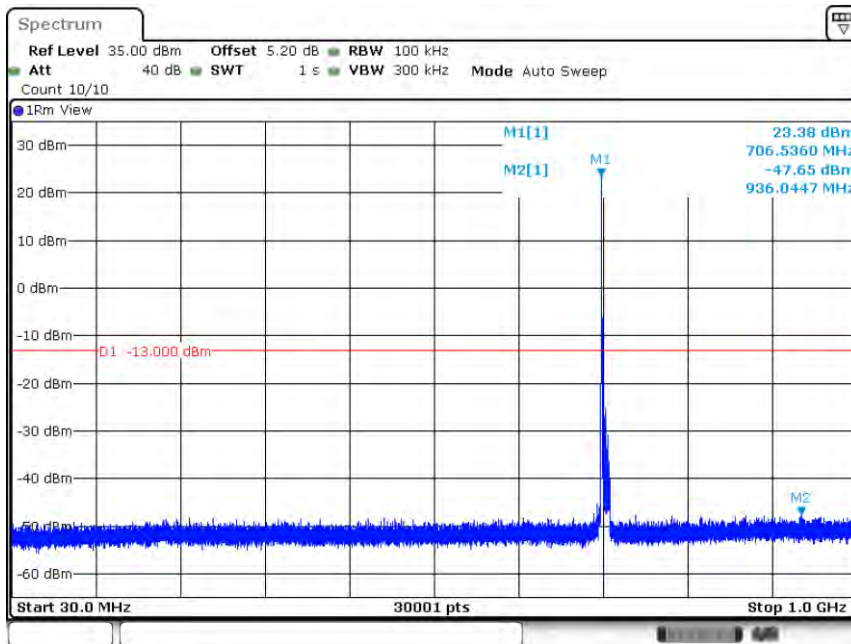
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**Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz**



Date: 13.MAY.2021 07:13:59

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

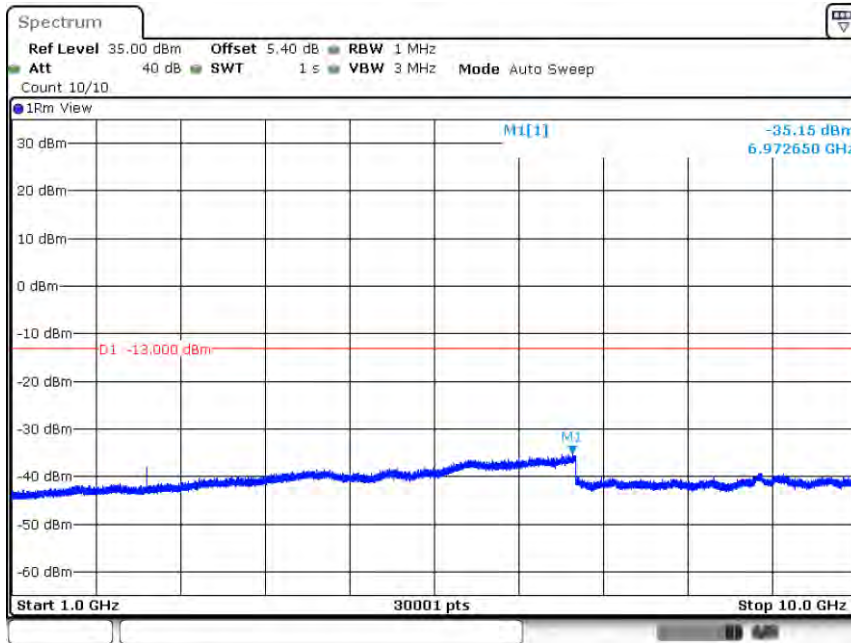


Date: 13.MAY.2021 07:14:19



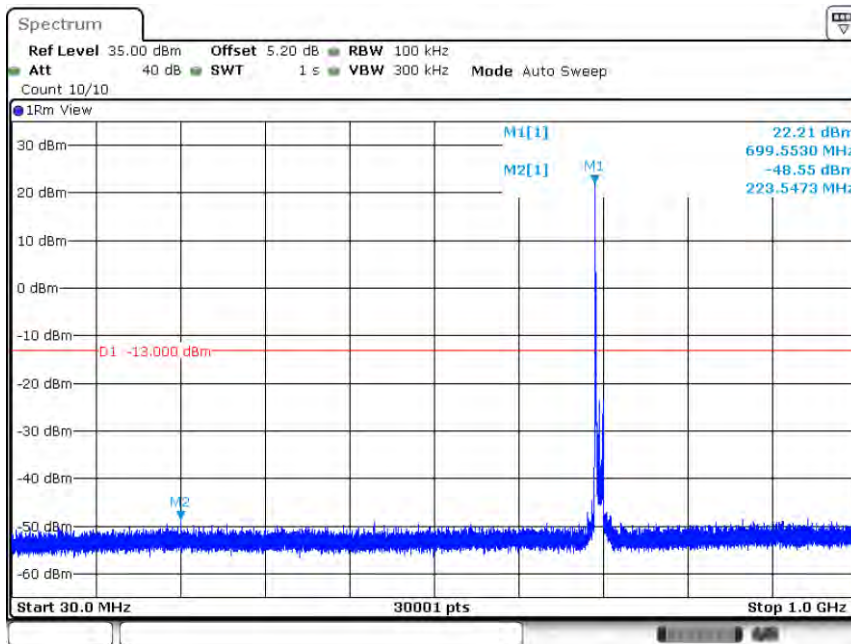
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**Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz**



Date: 13.MAY.2021 07:14:34

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

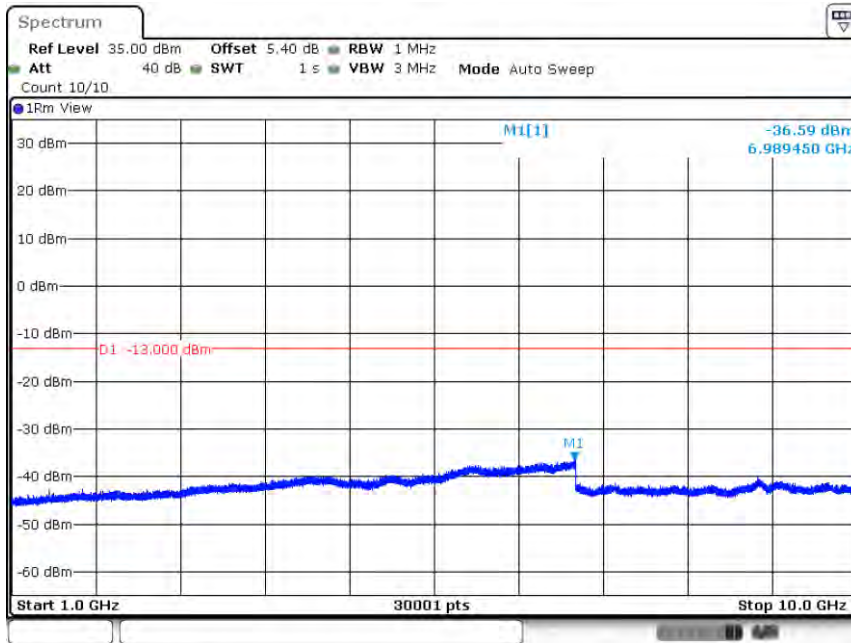


Date: 10.MAY.2021 01:09:32



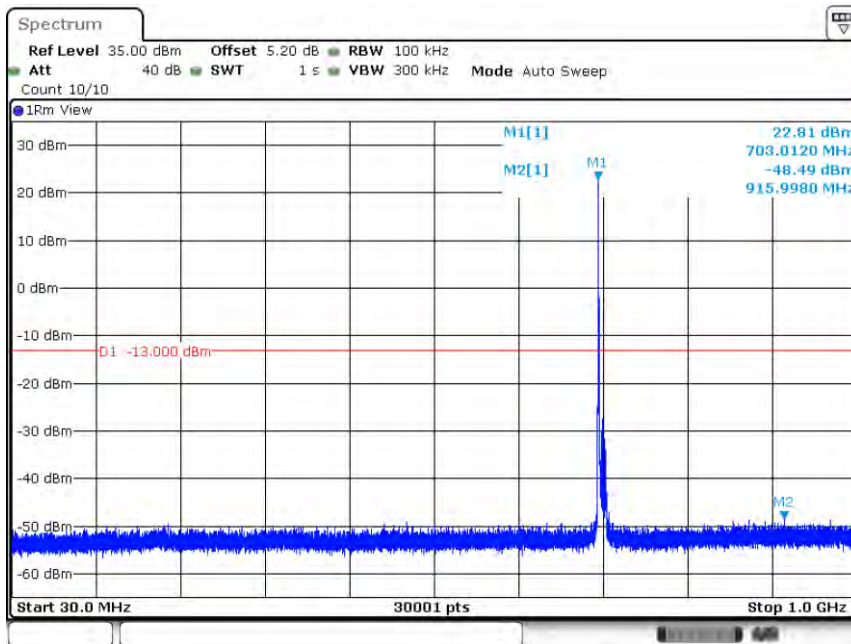
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**Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz**



Date: 10.MAY.2021 01:09:48

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

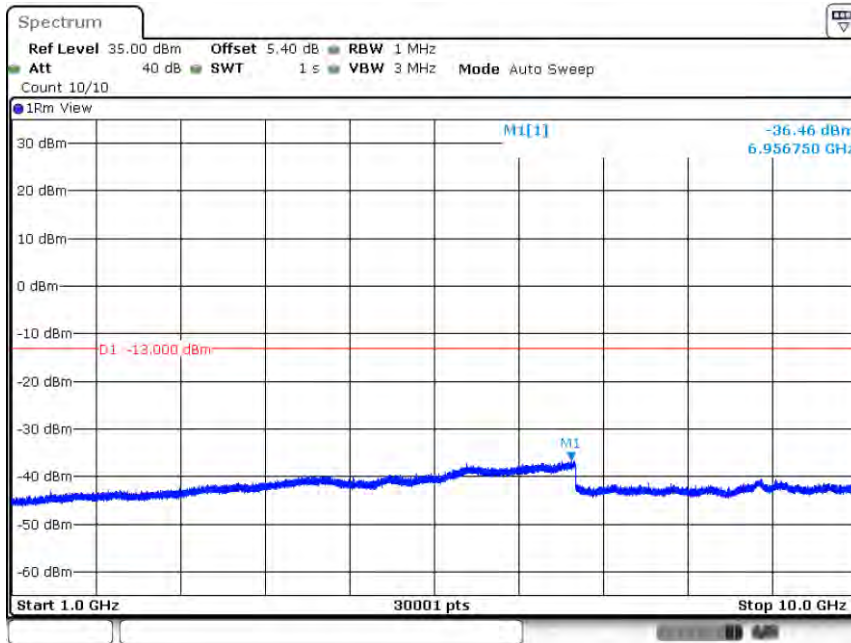


Date: 10.MAY.2021 01:10:43



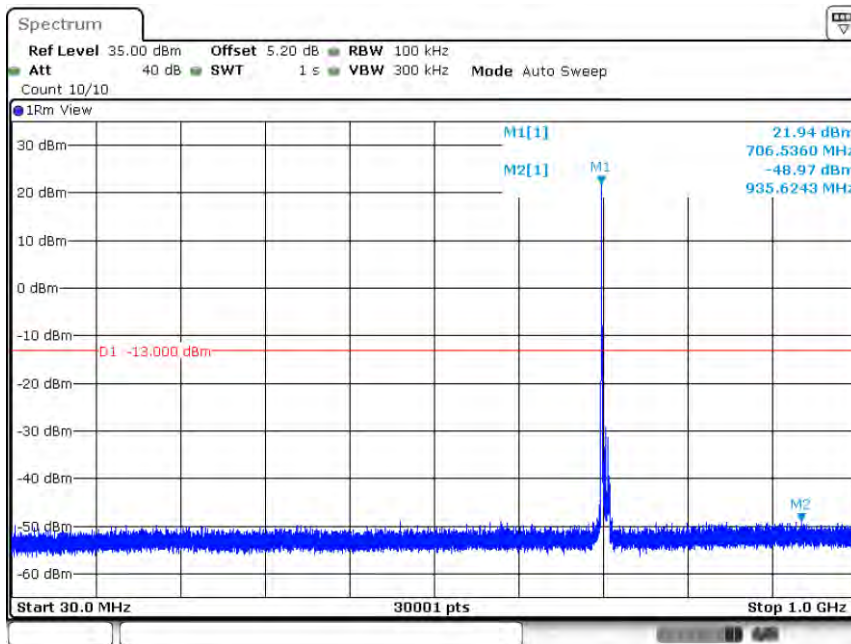
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**Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz**



Date: 10.MAY.2021 01:10:59

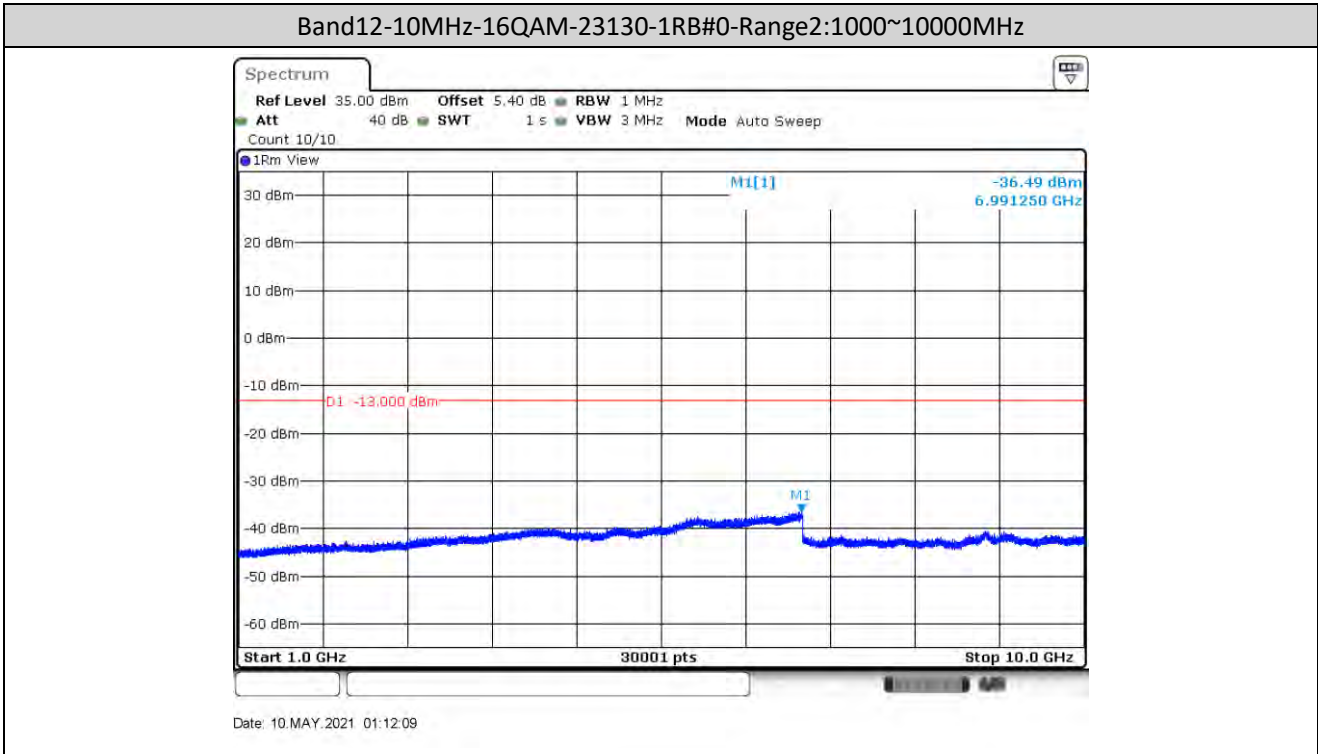
**Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz**



Date: 10.MAY.2021 01:11:54



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Band = \_12\_TM1 ANT0

#### 7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1002.3001	20.73	-66.27	-13.00	53.27	Horizontal
2	1469.0235	22.27	-66.63	-13.00	53.63	Horizontal
3	2976.2988	22.14	-60.85	-13.00	47.85	Horizontal
4	5698.6349	49.22	-57.58	-13.00	44.58	Horizontal
5	7495.6248	48.82	-53.25	-13.00	40.25	Horizontal
6	9863.1432	46.09	-52.19	-13.00	39.19	Horizontal



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**7.2. Test Band = \_12\_TM1 ANT0**

**7.2.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1000.3000	21.42	-65.50	-13.00	52.50	Vertical
2	1710.9355	33.91	-55.03	-13.00	42.03	Vertical
3	2986.2993	21.79	-61.15	-13.00	48.15	Vertical
4	5102.2051	50.37	-59.30	-13.00	46.30	Vertical
5	7488.6244	48.51	-53.61	-13.00	40.61	Vertical
6	9358.0679	46.84	-51.91	-13.00	38.91	Vertical



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**7.3. Test Band = \_12\_TM1 ANT0**

**7.3.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1001.0001	21.18	-65.77	-13.00	52.77	Horizontal
2	2093.6547	22.00	-65.16	-13.00	52.16	Horizontal
3	2966.7983	21.97	-61.07	-13.00	48.07	Horizontal
4	5678.6839	49.43	-57.63	-13.00	44.63	Horizontal
5	7477.7739	48.77	-53.44	-13.00	40.44	Horizontal
6	9862.4431	46.47	-51.81	-13.00	38.81	Horizontal



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**7.4. Test Band = \_12\_TM1 ANT0**

**7.4.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1010.9005	21.53	-65.82	-13.00	52.82	Vertical
2	1474.6237	22.36	-66.52	-13.00	53.52	Vertical
3	2990.8995	21.78	-61.14	-13.00	48.14	Vertical
4	5572.9786	49.96	-57.95	-13.00	44.95	Vertical
5	7464.1232	48.88	-53.45	-13.00	40.45	Vertical
6	9949.9475	46.14	-52.06	-13.00	39.06	Vertical



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**7.5. Test Band = \_12\_TM1 ANT0**

**7.5.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1002.4001	21.02	-65.99	-13.00	52.99	Horizontal
2	1482.9241	22.49	-66.35	-13.00	53.35	Horizontal
3	2630.6815	24.06	-60.82	-13.00	47.82	Horizontal
4	4663.9832	50.90	-60.52	-13.00	47.52	Horizontal
5	7476.0238	48.43	-53.80	-13.00	40.80	Horizontal
6	9600.2800	46.36	-51.87	-13.00	38.87	Horizontal



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**7.6. Test Band = \_12\_TM1 ANT0**

**7.6.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1006.8003	21.74	-65.45	-13.00	52.45	Vertical
2	1481.3241	22.35	-66.50	-13.00	53.50	Vertical
3	2452.0726	25.14	-60.35	-13.00	47.35	Vertical
4	5038.1519	50.38	-59.46	-13.00	46.46	Vertical
5	7496.6748	48.63	-53.43	-13.00	40.43	Vertical
6	9604.1302	46.16	-52.06	-13.00	39.06	Vertical



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**7.7. Test Band = \_12\_TM1 ANT1**

**7.7.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1335.2168	22.23	-66.94	-13.00	53.94	Horizontal
2	2306.1653	21.99	-64.13	-13.00	51.13	Horizontal
3	4675.5338	51.04	-60.26	-13.00	47.26	Horizontal
4	6750.0875	48.59	-55.27	-13.00	42.27	Horizontal
5	7975.1488	48.67	-53.24	-13.00	40.24	Horizontal
6	9397.9699	46.94	-51.58	-13.00	38.58	Horizontal



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**7.8. Test Band = \_12\_TM1 ANT1**

**7.8.1. Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1138.6069	21.75	-67.10	-13.00	54.10	Vertical
2	2685.3843	22.59	-62.08	-13.00	49.08	Vertical
3	3759.1880	52.03	-62.53	-13.00	49.53	Vertical
4	6957.6479	49.01	-54.78	-13.00	41.78	Vertical
5	9065.8033	47.62	-51.68	-13.00	38.68	Vertical
6	9929.6465	46.60	-51.63	-13.00	38.63	Vertical



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**7.9. Test Band = \_12\_TM1 ANT1**

**7.9.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1721.9361	21.65	-67.39	-13.00	54.39	Horizontal
2	2635.6818	22.54	-62.29	-13.00	49.29	Horizontal
3	5172.9086	50.58	-58.65	-13.00	45.65	Horizontal
4	7845.6423	47.96	-53.78	-13.00	40.78	Horizontal
5	8802.5901	48.00	-51.67	-13.00	38.67	Horizontal
6	9939.7970	46.91	-51.31	-13.00	38.31	Horizontal



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**7.10. Test Band = \_12\_TM1 ANT1**

**7.10.1. Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1135.4068	22.40	-66.48	-13.00	53.48	Vertical
2	2967.3984	21.81	-61.23	-13.00	48.23	Vertical
3	5469.0235	49.85	-58.21	-13.00	45.21	Vertical
4	7966.7483	48.42	-53.53	-13.00	40.53	Vertical
5	8983.5492	47.76	-51.32	-13.00	38.32	Vertical
6	9990.5495	46.46	-51.77	-13.00	38.77	Vertical



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**7.11. Test Band = \_12\_TM1 ANT1**  
**7.11.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1265.3133	21.88	-67.61	-13.00	54.61	Horizontal
2	2516.4758	22.43	-63.08	-13.00	50.08	Horizontal
3	5699.3350	49.27	-57.52	-13.00	44.52	Horizontal
4	7116.9058	48.18	-54.90	-13.00	41.90	Horizontal
5	8402.8701	48.66	-52.34	-13.00	39.34	Horizontal
6	9974.7987	46.52	-51.70	-13.00	38.70	Horizontal



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**7.12. Test Band = \_12\_TM1 ANT1**

**7.12.1. Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1160.1080	21.78	-67.02	-13.00	54.02	Vertical
2	2511.0756	22.20	-63.38	-13.00	50.38	Vertical
3	4886.2443	50.16	-60.15	-13.00	47.15	Vertical
4	7836.8918	47.57	-54.24	-13.00	41.24	Vertical
5	9070.3535	46.99	-52.36	-13.00	39.36	Vertical
6	9992.9997	46.35	-51.88	-13.00	38.88	Vertical



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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	4.90	0.006960	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	6.70	0.009517	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	8.20	0.011648	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	4.80	0.006784	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	7.30	0.010318	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	4.30	0.006078	±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	6.30	0.008861	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	8.70	0.012236	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	4.10	0.005824	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	5.20	0.007386	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	5.80	0.008239	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	5.40	0.007633	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	4.40	0.006219	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	6.60	0.009329	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	9.80	0.013783	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	7.90	0.011111	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	6.50	0.009142	±2.5	PASS



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## 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	5.90	0.008381	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	5.10	0.007244	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	4.80	0.006818	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	5.70	0.008097	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	5.10	0.007244	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	6.00	0.008523	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	6.50	0.009233	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	6.80	0.009659	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	5.70	0.008097	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	6.10	0.008622	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	6.80	0.009611	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	3.70	0.005230	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	4.50	0.006360	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	6.10	0.008622	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	5.20	0.007350	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	5.70	0.008057	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	6.90	0.009753	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	7.50	0.010601	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	8.60	0.012096	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	7.00	0.009845	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	9.20	0.012940	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	8.00	0.011252	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	8.80	0.012377	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	7.80	0.010970	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	5.90	0.008298	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	4.60	0.006470	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	3.10	0.004360	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	5.50	0.007813	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	5.10	0.007244	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	6.70	0.009517	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	4.80	0.006818	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	6.10	0.008665	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	8.70	0.012358	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	5.80	0.008239	±2.5	PASS



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Band12	10MHz	16QAM	23060	50RB#0	NV	40	7.50	0.010653	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	7.30	0.010369	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	8.30	0.011731	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	5.00	0.007067	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	8.10	0.011449	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	3.70	0.005230	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	8.20	0.011590	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	6.60	0.009329	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	6.10	0.008622	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	6.70	0.009470	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	6.50	0.009187	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	4.50	0.006329	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	4.10	0.005767	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	4.80	0.006751	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	7.60	0.010689	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	10.50	0.014768	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	4.50	0.006329	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	6.30	0.008861	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	7.00	0.009845	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	5.10	0.007173	±2.5	PASS



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