



Appendix B

E-UTRA Band 12



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CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER..... 4

1.1. TEST RESULT..... 4

2. PEAK-TO-AVERAGE RATIO (CCDF).....18

2.1. TEST RESULT.....18

2.2. TEST PLOTS18

3. MODULATION CHARACTERISTICS23

3.1. TEST MODE = LTE /TM1 10MHZ23

3.1.1. TEST CHANNEL = MCH23

3.2. TEST MODE = LTE /TM2 10MHZ24

3.2.1. TEST CHANNEL = MCH24

3.3. TEST MODE = LTE /TM3 10MHZ25

3.3.1. TEST CHANNEL = MCH25

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH26

4.1. TEST RESULT.....26

4.2. TEST PLOTS27

5. BAND EDGE COMPLIANCE46

5.1. TEST PLOTS46

6. SPURIOUS EMISSION AT ANTENNA TERMINAL71

6.1. TEST PLOTS71

7. FIELD STRENGTH OF SPURIOUS RADIATION.....81

7.1. Test Band = LTE_12_TM1 CONFIG 0 81

7.1.1. Test Channel = Low Channel 81

7.2. Test Band = LTE_12_TM1 CONFIG 0 82

7.2.1. Test Channel = Low Channel 82

7.3. Test Band = LTE_12_TM1 CONFIG 0 83

7.3.1. Test Channel = Mid Channel 83

7.4. Test Band = LTE_12_TM1 CONFIG 0 84

7.4.1. Test Channel = Mid Channel 84

7.5. Test Band = LTE_12_TM1 CONFIG 0 85

7.5.1. Test Channel = High Channel 85



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7.6.	Test Band = LTE_12_TM1 CONFIG 0	86
7.6.1.	Test Channel = High Channel	86
7.7.	Test Band = LTE_12_TM1 CONFIG 1	87
7.7.1.	Test Channel = Low Channel	87
7.8.	Test Band = LTE_12_TM1 CONFIG 1	88
7.8.1.	Test Channel = Low Channel	88
7.9.	Test Band = LTE_12_TM1 CONFIG 1	89
7.9.1.	Test Channel = Mid Channel	89
7.10.	Test Band = LTE_12_TM1 CONFIG 1	90
7.10.1.	Test Channel = Mid Channel	90
7.11.	Test Band = LTE_12_TM1 CONFIG 1	91
7.11.1.	Test Channel = High Channel	91
7.12.	Test Band = LTE_12_TM1 CONFIG 1	92
7.12.1.	Test Channel = High Channel	92
8.	FREQUENCY STABILITY.....	93
8.1.	FREQUENCY VS VOLTAGE	93
8.2.	FREQUENCY VS TEMPERATURE	94



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

CONFIG 0:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.63	13.28	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.54	13.19	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.56	13.21	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.49	13.14	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.78	13.43	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.66	13.31	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.65	12.30	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.65	13.30	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.83	13.48	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.75	13.40	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.81	13.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.78	13.43	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.71	13.36	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.82	12.47	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.85	13.50	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.76	13.41	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.78	13.43	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.82	13.47	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.09	13.74	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.83	13.48	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.76	12.41	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.60	12.25	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.90	12.55	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.45	12.10	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.66	12.31	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.54	12.19	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.72	12.37	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.97	11.62	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.04	12.69	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.05	12.70	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.73	12.38	34.77	PASS



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Band12	1.4MHz	16QAM	23095	3RB#0	22.87	12.52	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.68	12.33	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.70	12.35	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.90	11.55	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.05	12.70	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.77	12.42	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.77	12.42	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.71	12.36	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.47	12.12	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.56	12.21	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.78	11.43	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.56	11.21	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.86	11.51	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.45	11.10	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.62	11.27	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.49	11.14	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.68	11.33	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.92	10.57	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.03	11.68	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.05	11.70	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.71	11.36	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.82	11.47	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.68	11.33	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.69	11.34	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.87	10.52	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.02	11.67	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.74	11.39	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.77	11.42	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.67	11.32	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.47	11.12	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.56	11.21	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.75	10.40	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.62	13.27	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.65	13.30	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.60	13.25	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.75	12.40	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.60	12.25	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.71	12.36	34.77	PASS



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Band12	3MHz	QPSK	23025	15RB#0	22.88	12.53	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.69	13.34	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.94	13.59	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.99	13.64	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.83	12.48	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.78	12.43	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.72	12.37	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.84	12.49	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.89	13.54	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.06	13.71	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.83	13.48	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.75	12.40	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.91	12.56	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.88	12.53	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.93	12.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.68	12.33	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.86	12.51	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.66	12.31	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.72	11.37	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.73	11.38	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.67	11.32	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.70	11.35	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.26	12.91	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.18	12.83	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.82	12.47	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.89	11.54	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.02	11.67	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.69	11.34	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.97	11.62	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.97	12.62	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.86	12.51	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.12	12.77	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.87	11.52	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.83	11.48	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.87	11.52	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.85	11.50	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.66	11.31	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.82	11.47	34.77	PASS



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Band12	3MHz	64QAM	23025	1RB#14	21.61	11.26	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.68	10.33	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.69	10.34	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.64	10.29	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.67	10.32	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.25	11.90	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.13	11.78	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.82	11.47	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.87	10.52	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.01	10.66	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.64	10.29	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.92	10.57	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.93	11.58	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.85	11.50	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.12	11.77	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.83	10.48	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.81	10.46	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.87	10.52	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.84	10.49	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.70	13.35	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.71	13.36	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.69	13.34	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.72	12.37	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.68	12.33	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.66	12.31	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.84	12.49	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.77	13.42	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.82	13.47	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.93	13.58	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.76	12.41	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.92	12.57	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.87	12.52	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.81	12.46	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.76	13.41	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.95	13.60	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.89	13.54	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.90	12.55	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.06	12.71	34.77	PASS



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Band12	5MHz	QPSK	23155	12RB#13	22.85	12.50	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.90	12.55	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.09	12.74	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.09	12.74	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.95	12.60	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.77	11.42	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.74	11.39	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.82	11.47	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.95	11.60	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.93	12.58	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.04	12.69	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.02	12.67	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.82	11.47	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.90	11.55	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.98	11.63	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.87	11.52	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.80	12.45	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.10	12.75	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.85	12.50	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.87	11.52	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.84	11.49	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.48	11.13	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.86	11.51	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.64	11.29	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.83	11.48	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.66	11.31	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.70	10.35	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.68	10.33	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.62	10.27	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.68	10.33	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.21	11.86	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.14	11.79	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.77	11.42	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.85	10.50	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	21.00	10.65	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.66	10.31	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.96	10.61	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.93	11.58	34.77	PASS



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Band12	5MHz	64QAM	23155	1RB#12	21.82	11.47	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.08	11.73	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.83	10.48	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.83	10.48	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.86	10.51	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.83	10.48	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.71	13.36	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.70	13.35	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.91	13.56	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.86	12.51	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.97	12.62	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.86	12.51	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.92	12.57	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.53	13.18	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.86	13.51	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.12	13.77	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.86	12.51	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.02	12.67	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.92	12.57	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.00	12.65	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.85	13.50	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.81	13.46	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.06	13.71	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.89	12.54	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.95	12.60	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.53	13.18	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.06	12.71	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.04	12.69	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.25	12.90	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.96	12.61	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.93	11.58	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.99	11.64	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.00	11.65	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.10	11.75	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.78	12.43	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.29	12.94	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.98	12.63	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.92	11.57	34.77	PASS



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Band12	10MHz	16QAM	23095	25RB#12	22.00	11.65	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.02	11.67	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.04	11.69	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.21	12.86	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.89	12.54	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.81	12.46	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.05	11.70	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.97	11.62	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.91	11.56	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.00	11.65	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.66	11.31	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.83	11.48	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.66	11.31	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.67	10.32	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.69	10.34	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.64	10.29	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.69	10.34	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.22	11.87	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.16	11.81	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.82	11.47	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.88	10.53	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.98	10.63	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.66	10.31	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.96	10.61	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.93	11.58	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.85	11.50	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.11	11.76	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.87	10.52	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.82	10.47	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.87	10.52	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.81	10.46	34.77	PASS



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CONFIG 1:

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	24.15	18.60	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	24.16	18.61	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	24.04	18.49	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	24.05	18.50	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	24.18	18.63	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	24.01	18.46	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.14	17.59	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	24.04	18.49	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	24.10	18.55	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	24.07	18.52	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.97	18.42	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	24.08	18.53	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	24.09	18.54	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.15	17.60	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.90	18.35	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	24.01	18.46	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.31	18.76	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	24.22	18.67	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.03	18.48	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.02	18.47	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.09	17.54	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.23	17.68	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.41	17.86	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.37	17.82	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.96	17.41	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.21	17.66	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.11	17.56	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.21	16.66	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.05	17.50	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.21	17.66	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.35	17.80	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.07	17.52	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.99	17.44	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.03	17.48	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.21	16.66	34.77	PASS



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Band12	1.4MHz	16QAM	23173	1RB#0	23.19	17.64	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.96	17.41	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.11	17.56	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.84	17.29	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.00	17.45	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.85	17.30	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.11	16.56	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.22	16.67	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	22.39	16.84	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	22.32	16.77	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.96	16.41	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	22.16	16.61	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	22.07	16.52	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	21.20	15.65	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.00	16.45	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.17	16.62	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.30	16.75	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	22.07	16.52	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.99	16.44	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	22.02	16.47	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	21.20	15.65	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.15	16.60	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.92	16.37	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.07	16.52	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.80	16.25	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.96	16.41	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.85	16.30	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	21.11	15.56	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	24.10	18.55	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	24.32	18.77	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	24.04	18.49	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.21	17.66	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.19	17.64	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.08	17.53	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.26	17.71	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.11	18.56	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	24.23	18.68	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	24.33	18.78	34.77	PASS



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Band12	3MHz	QPSK	23095	8RB#0	23.05	17.50	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.15	17.60	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.14	17.59	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.24	17.69	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	24.14	18.59	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	24.04	18.49	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.16	18.61	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.05	17.50	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.37	17.82	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.16	17.61	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.91	17.36	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.06	17.51	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.54	17.99	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.21	17.66	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.29	16.74	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.26	16.71	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.23	16.68	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.22	16.67	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.42	17.87	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.27	17.72	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.52	17.97	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.10	16.55	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.29	16.74	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.31	16.76	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.21	16.66	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.48	17.93	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.16	17.61	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.22	17.67	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.15	16.60	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.05	16.50	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.07	16.52	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.04	16.49	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.04	16.49	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	22.51	16.96	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.20	16.65	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	21.24	15.69	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	21.25	15.70	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	21.23	15.68	34.77	PASS



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Band12	3MHz	64QAM	23025	15RB#0	21.21	15.66	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	22.42	16.87	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	22.23	16.68	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.48	16.93	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.06	15.51	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.25	15.70	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	21.31	15.76	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	21.17	15.62	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.48	16.93	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.12	16.57	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.22	16.67	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	21.13	15.58	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	21.01	15.46	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	21.07	15.52	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.04	15.49	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	24.14	18.59	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	24.14	18.59	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	24.09	18.54	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.22	17.67	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.15	17.60	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.13	17.58	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.28	17.73	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	24.12	18.57	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	24.22	18.67	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	24.14	18.59	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.18	17.63	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.19	17.64	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.31	17.76	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.32	17.77	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	24.22	18.67	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	24.06	18.51	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.95	18.40	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.15	17.60	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	23.15	17.60	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.03	17.48	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.17	17.62	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.44	17.89	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.23	17.68	34.77	PASS



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Band12	5MHz	16QAM	23035	1RB#24	23.53	17.98	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.27	16.72	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.11	16.56	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.08	16.53	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.27	16.72	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.26	17.71	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.34	17.79	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.14	17.59	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.24	16.69	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.24	16.69	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.21	16.66	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.17	16.62	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.14	17.59	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.55	18.00	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.15	17.60	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.13	16.58	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.15	16.60	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.13	16.58	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.20	16.65	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	22.06	16.51	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	22.49	16.94	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.20	16.65	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	21.25	15.70	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	21.21	15.66	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	21.21	15.66	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	21.17	15.62	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.39	16.84	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	22.27	16.72	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.48	16.93	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	21.08	15.53	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	21.26	15.71	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	21.26	15.71	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	21.20	15.65	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.46	16.91	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.12	16.57	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.19	16.64	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	21.12	15.57	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	21.02	15.47	34.77	PASS



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Band12	5MHz	64QAM	23155	12RB#13	21.02	15.47	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	21.03	15.48	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	24.18	18.63	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	24.32	18.77	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	24.17	18.62	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.33	17.78	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.31	17.76	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.29	17.74	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.20	17.65	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	24.12	18.57	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	24.15	18.60	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.28	18.73	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.32	17.77	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.23	17.68	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	23.23	17.68	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.16	17.61	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.28	18.73	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	24.00	18.45	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	24.13	18.58	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.20	17.65	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.24	17.69	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.27	17.72	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.20	17.65	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.02	17.47	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.60	18.05	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.61	18.06	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.31	16.76	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.34	16.79	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.35	16.80	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.30	16.75	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.44	17.89	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.60	18.05	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.99	17.44	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.20	16.65	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.32	16.77	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.26	16.71	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.36	16.81	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.22	17.67	34.77	PASS



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Band12	10MHz	16QAM	23130	1RB#24	23.28	17.73	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.45	17.90	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.24	16.69	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.18	16.63	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.30	16.75	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.23	16.68	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.06	16.51	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.49	16.94	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.16	16.61	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.25	15.70	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.23	15.68	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.18	15.63	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.18	15.63	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.39	16.84	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.26	16.71	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.47	16.92	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	21.06	15.51	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.27	15.72	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	21.27	15.72	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.18	15.63	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.43	16.88	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.16	16.61	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.22	16.67	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.14	15.59	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.04	15.49	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	21.06	15.51	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.99	15.44	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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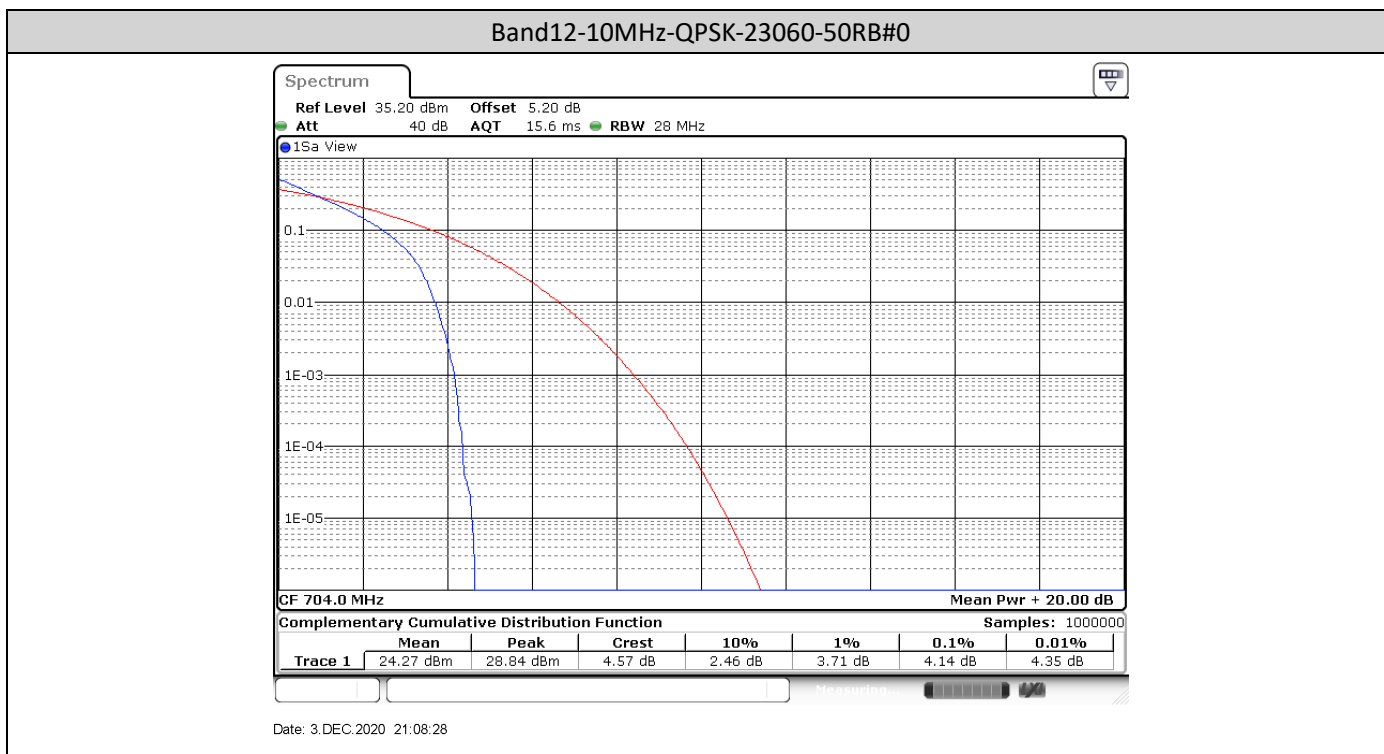


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

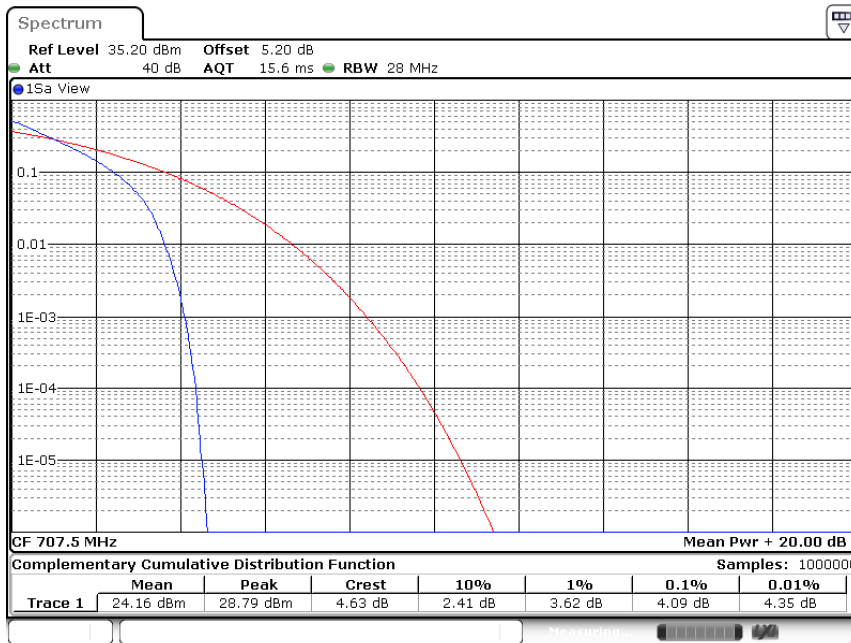
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	4.14	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.09	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.00	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.06	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.94	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.19	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.13	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.07	13	PASS

2.2. Test Plots



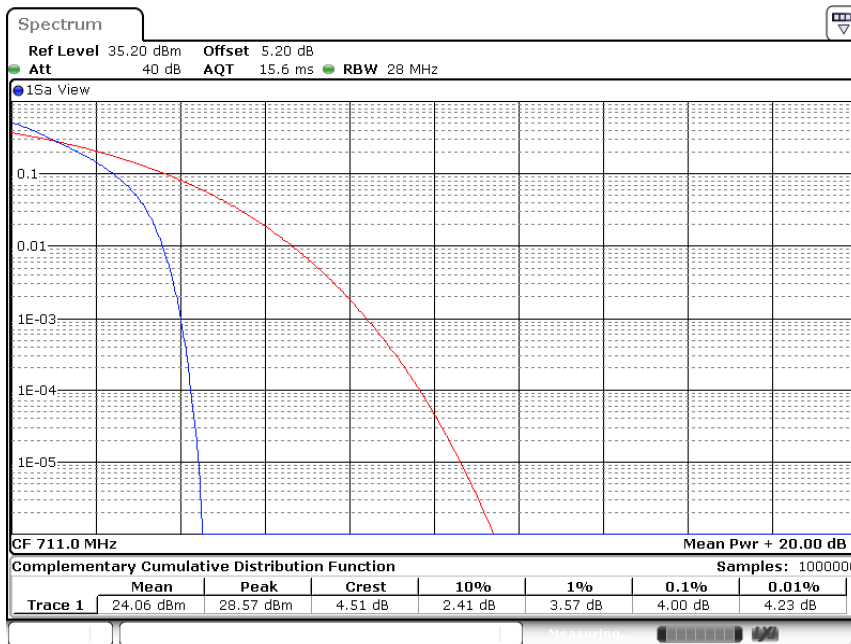
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Band12-10MHz-QPSK-23095-50RB#0



Date: 3.DEC.2020 21:08:51

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



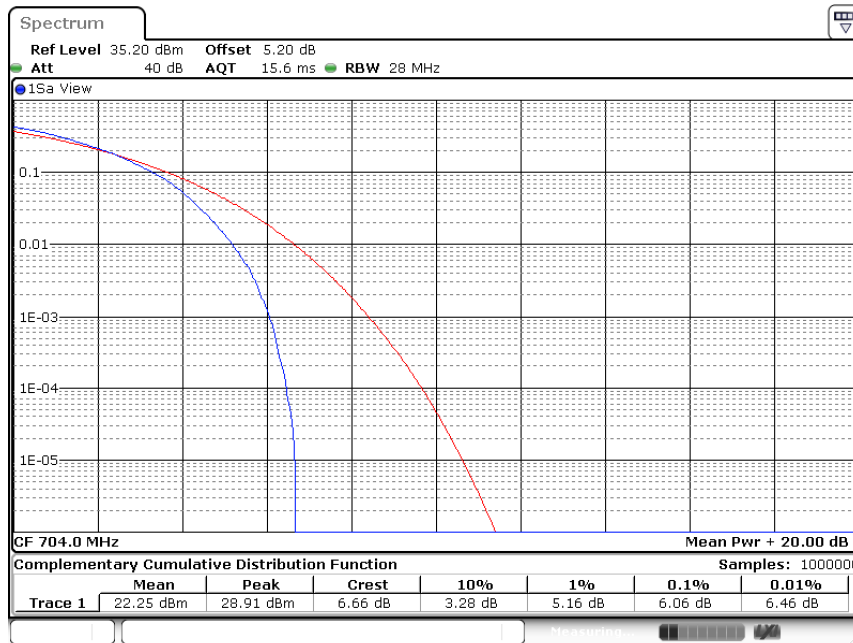
Date: 3.DEC.2020 21:09:13



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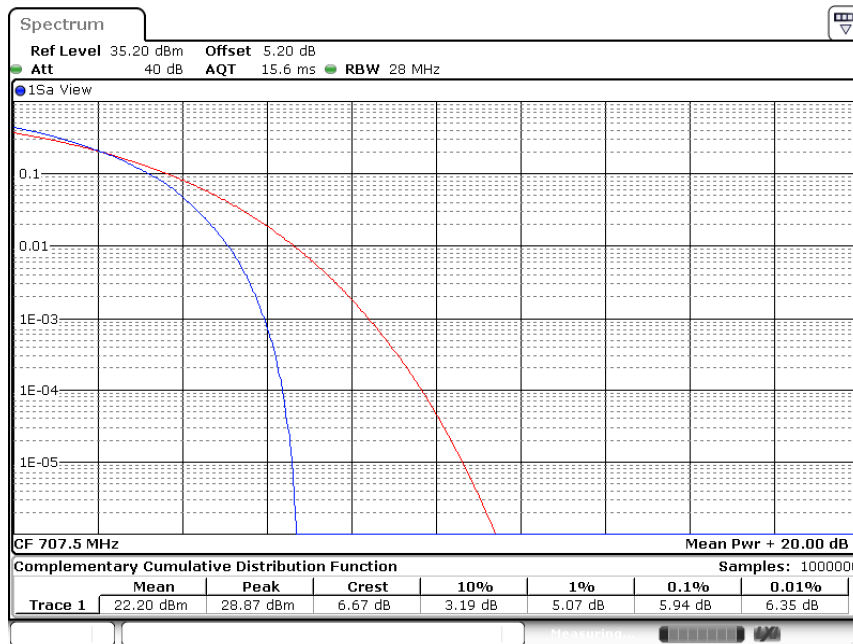
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Band12-10MHz-64QAM-23060-50RB#0



Date: 4.DEC.2020 22:14:51

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

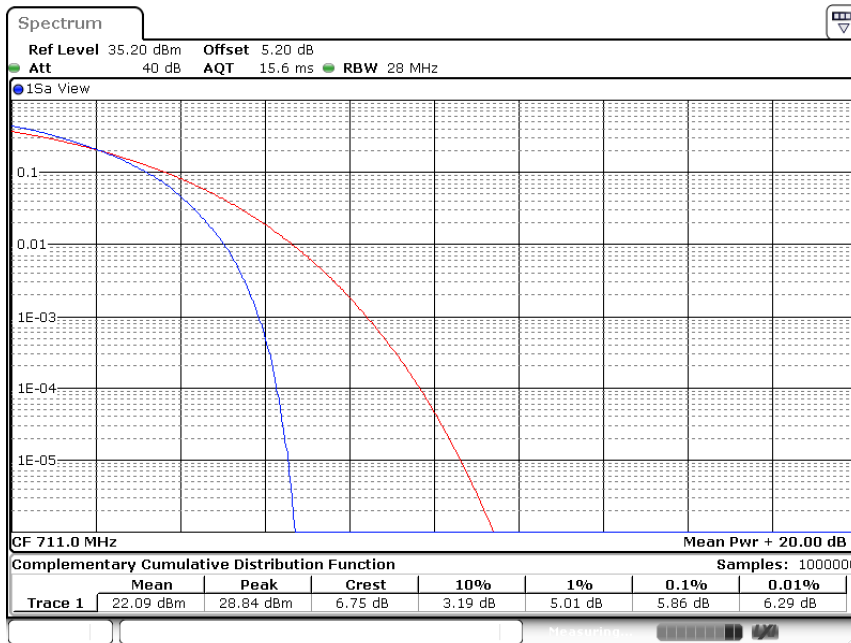


Date: 4.DEC.2020 22:15:02



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



Date: 4.DEC.2020 22:15:13

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



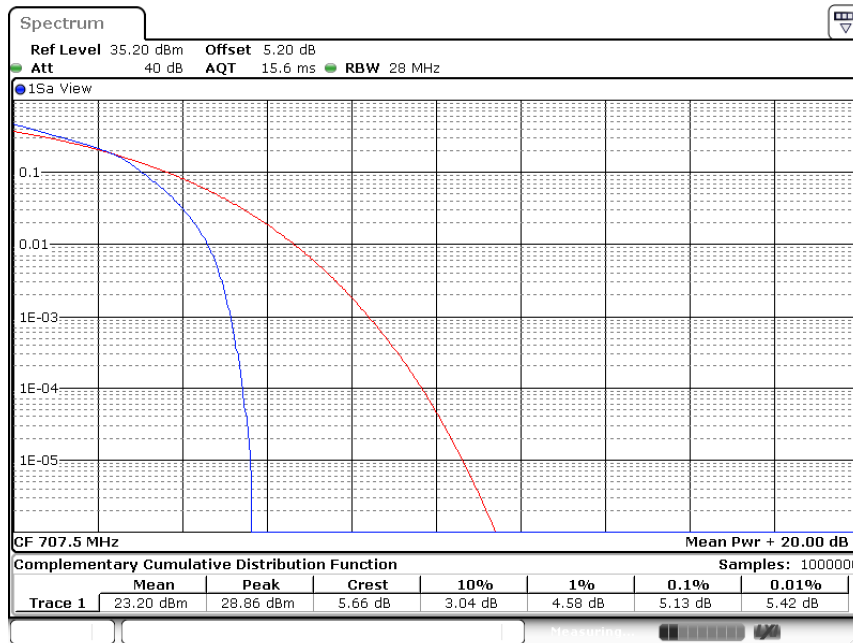
Date: 3.DEC.2020 21:08:39



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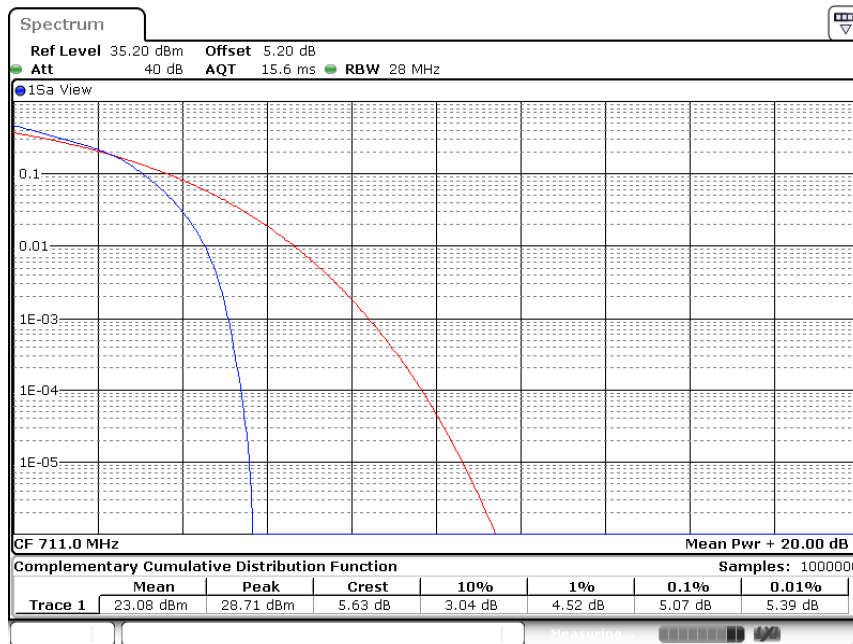
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Band12-10MHz-16QAM-23095-50RB#0



Date: 3.DEC.2020 21:09:02

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



Date: 3.DEC.2020 21:09:24



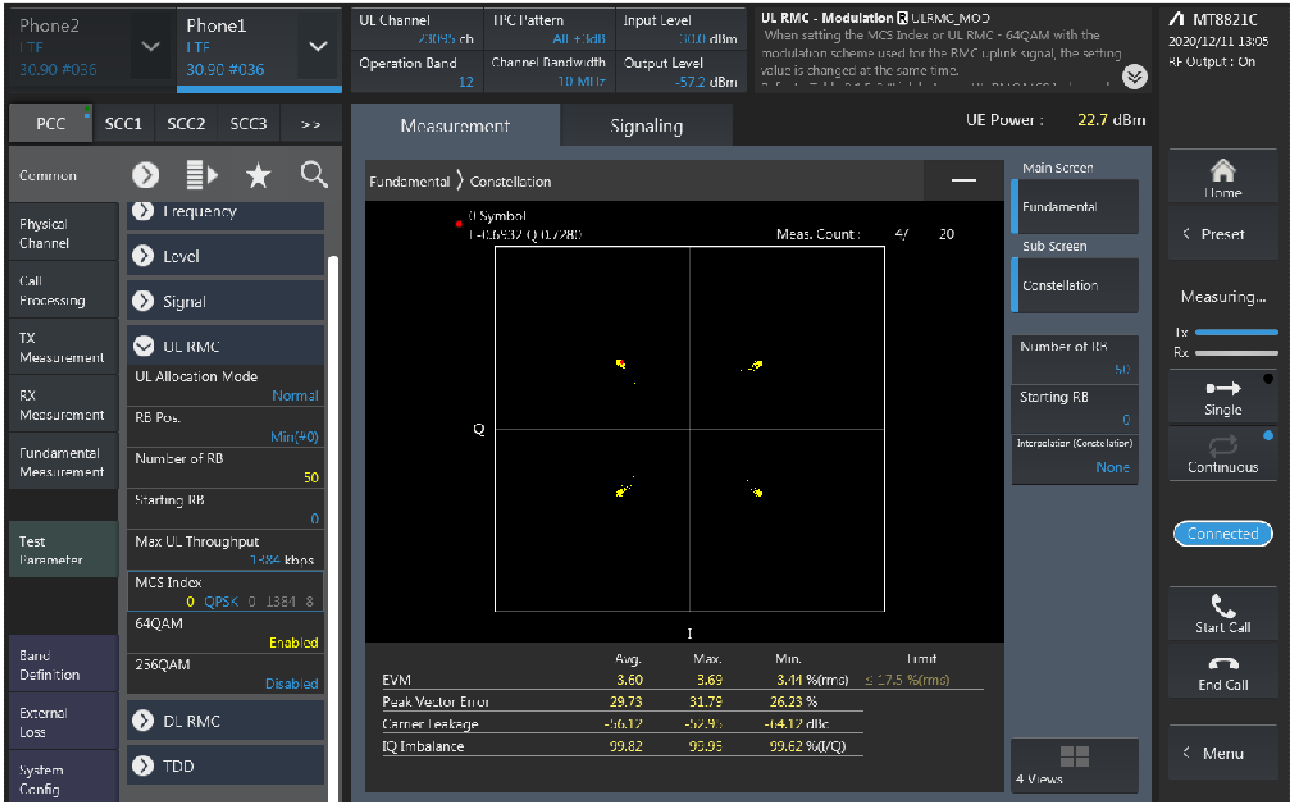
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH

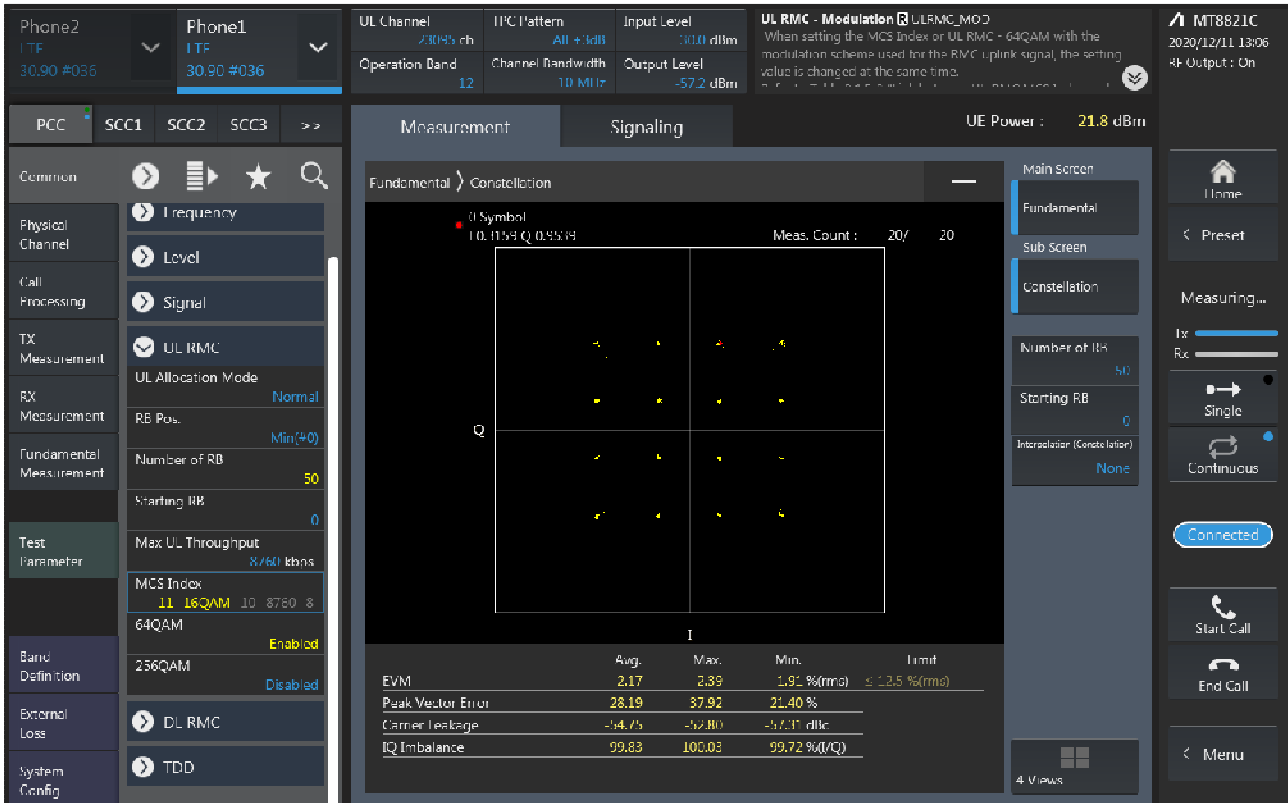


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3.2. Test Mode = LTE /TM2 10MHz

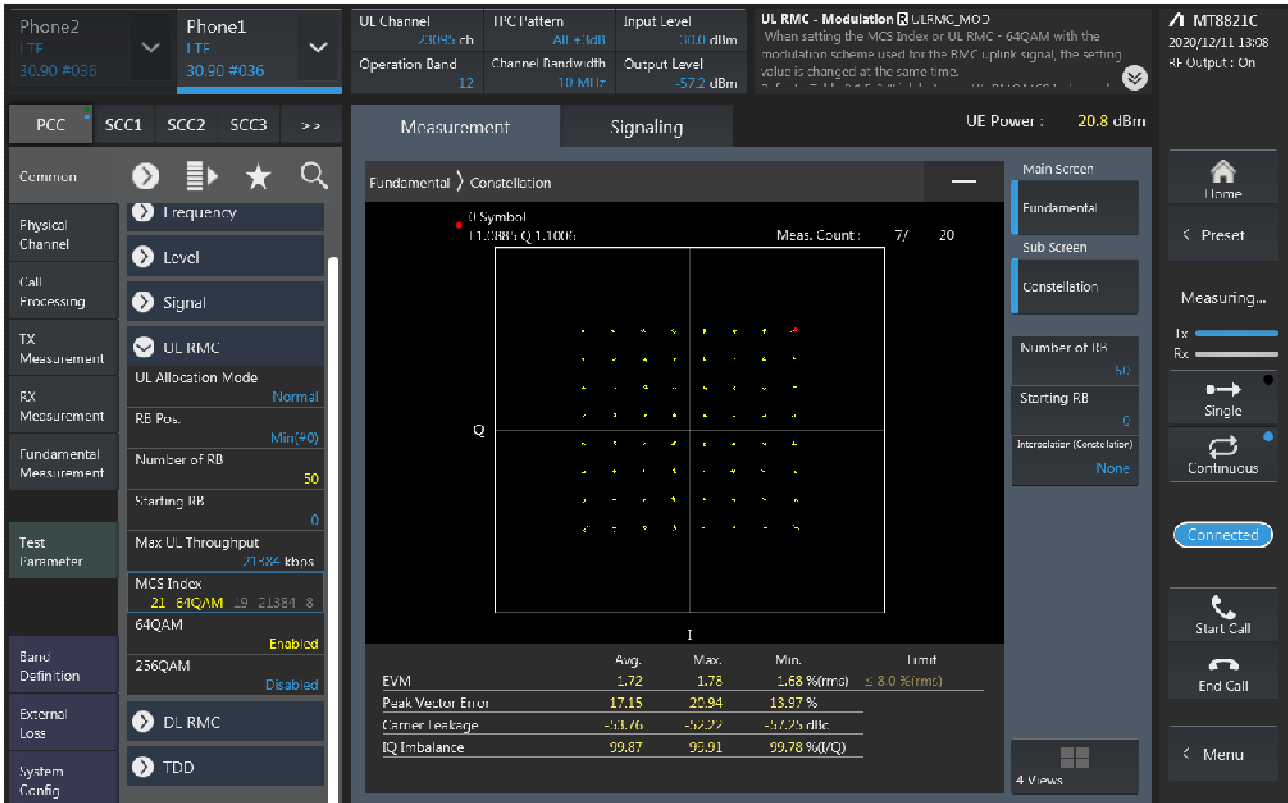
3.2.1. Test Channel = MCH



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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

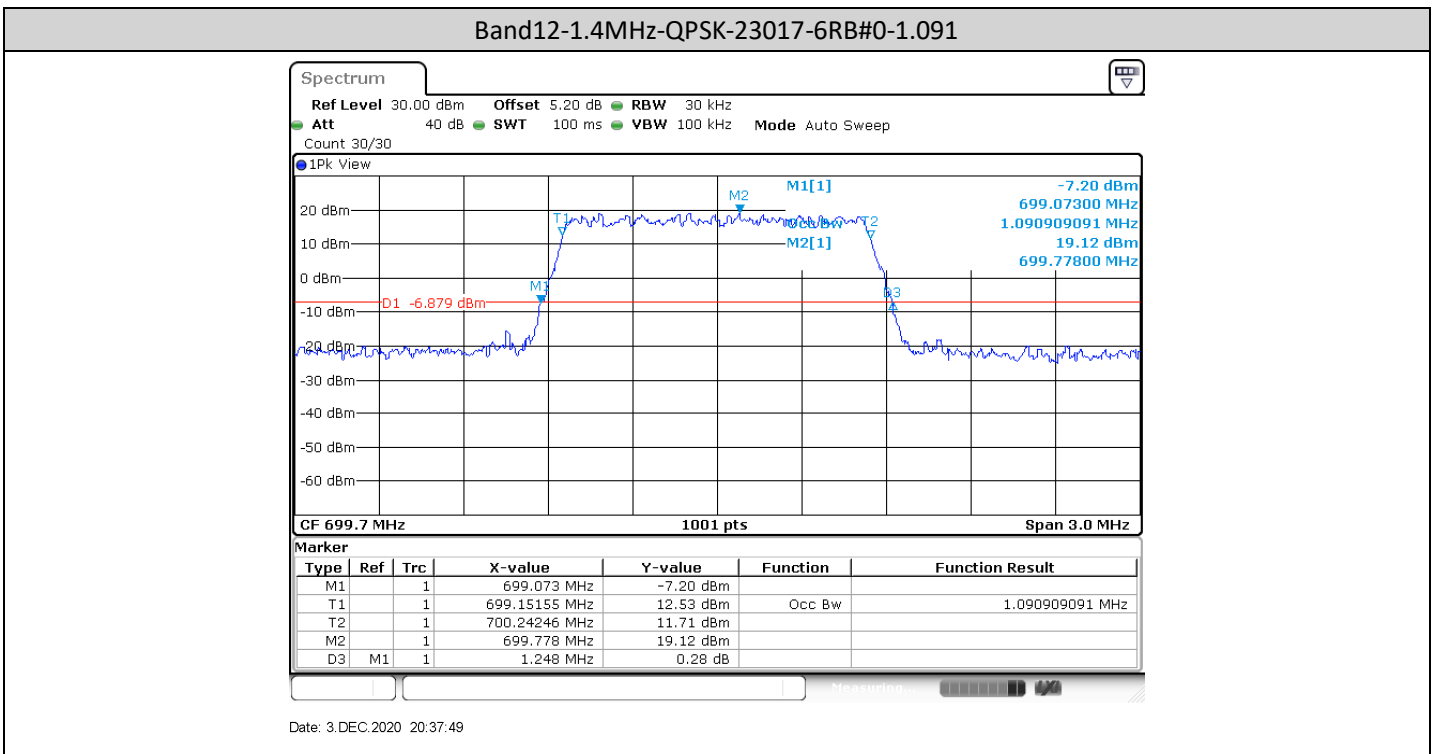
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.091	1.248	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.242	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.091	1.275	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.094	1.245	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.097	1.233	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.094	1.245	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.239	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.085	1.242	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.091	1.239	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	3.030	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	3.018	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.703	3.042	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.691	3.000	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.691	2.994	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.691	2.994	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.685	2.988	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.691	2.988	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.691	2.994	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	4.900	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.890	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.476	4.900	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.486	4.920	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.900	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.476	4.910	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.486	4.930	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.496	4.940	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.496	4.970	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.931	9.700	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.911	9.680	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.931	9.700	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.911	9.660	PASS



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Band12	10MHz	64QAM	23095	50RB#0	8.911	9.640	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.931	9.660	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.931	9.680	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.931	9.700	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.931	9.700	PASS

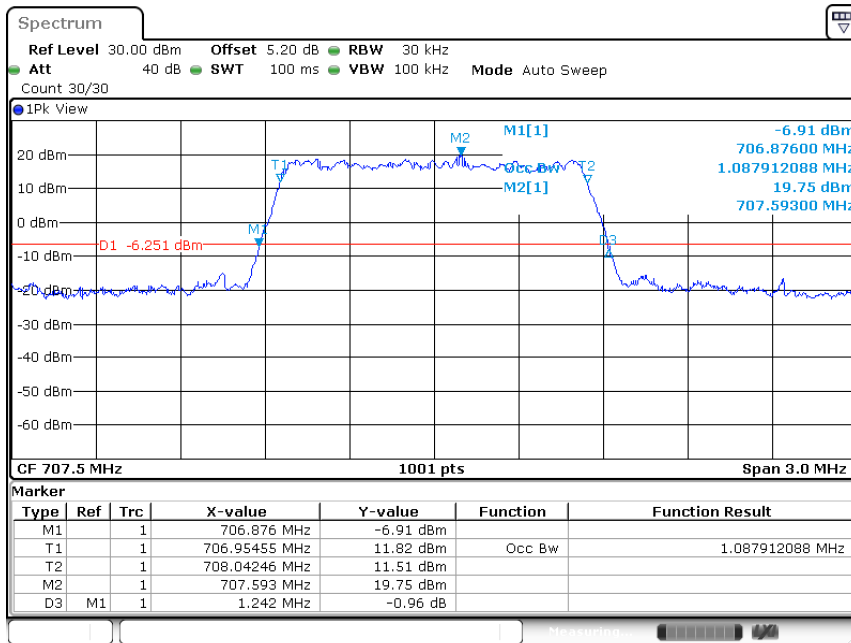
4.2. Test Plots



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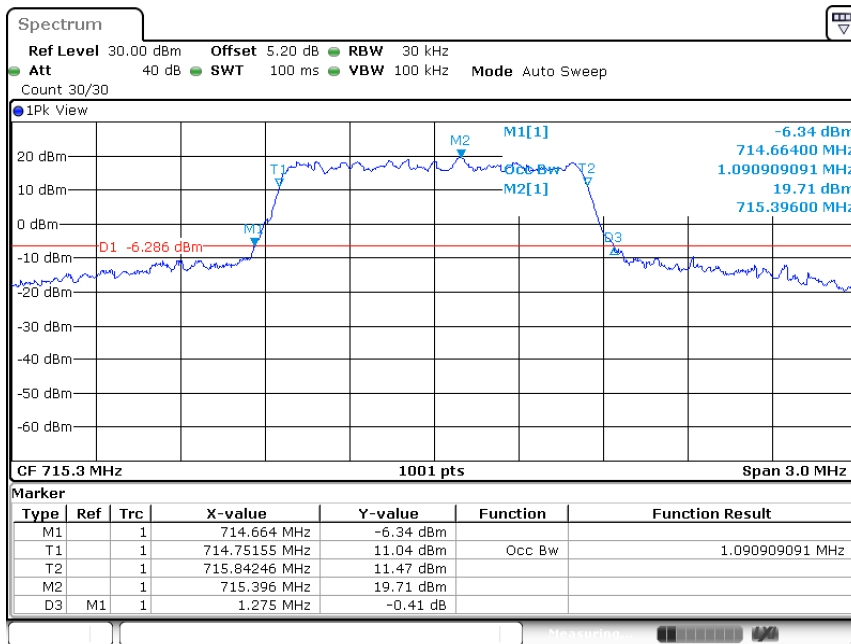
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Band12-1.4MHz-QPSK-23095-6RB#0-1.088



Date: 3.DEC.2020 20:38:14

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

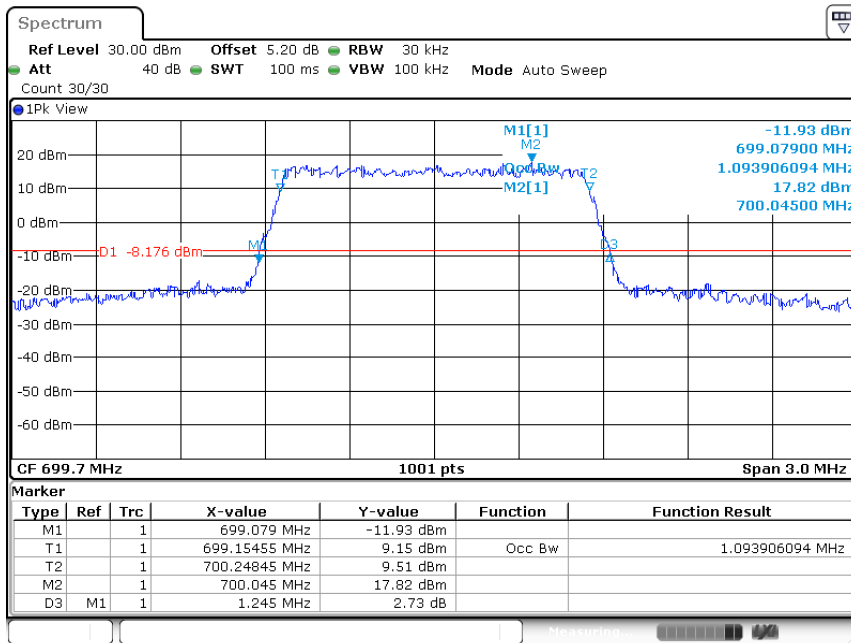


Date: 3.DEC.2020 20:38:40



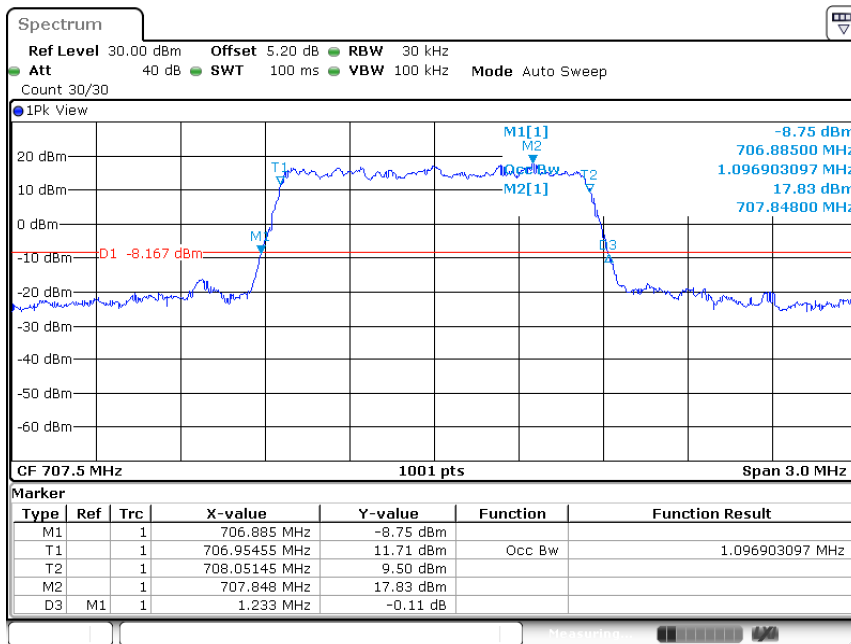
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Band12-1.4MHz-64QAM-23017-6RB#0-1.094



Date: 4.DEC.2020 22:01:02

Band12-1.4MHz-64QAM-23095-6RB#0-1.097

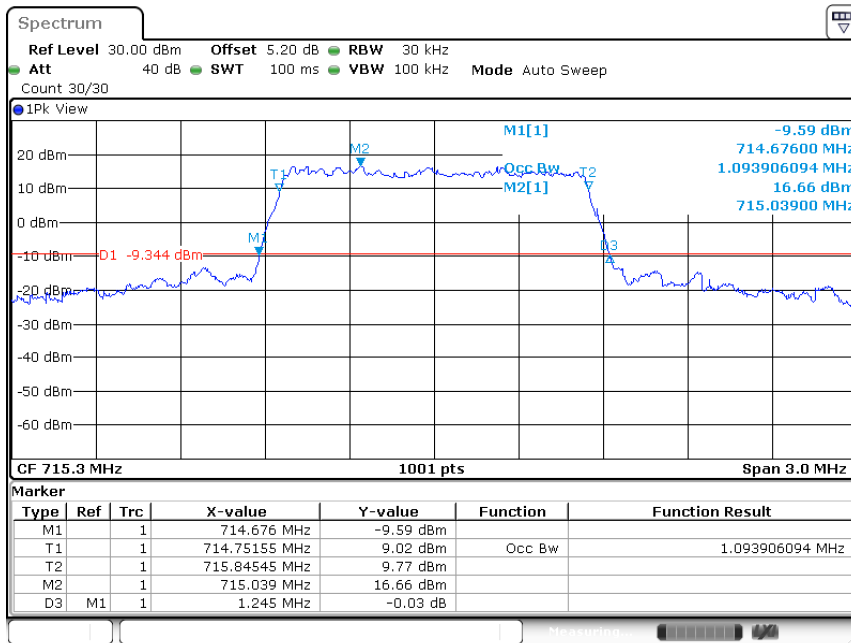


Date: 4.DEC.2020 22:01:15



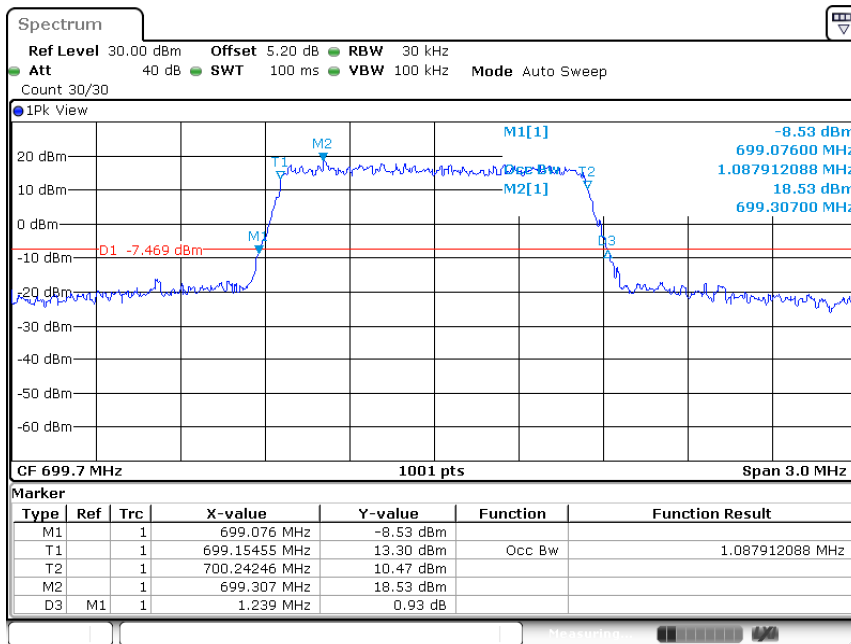
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Band12-1.4MHz-64QAM-23173-6RB#0-1.094



Date: 4.DEC.2020 22:01:28

Band12-1.4MHz-16QAM-23017-6RB#0-1.088

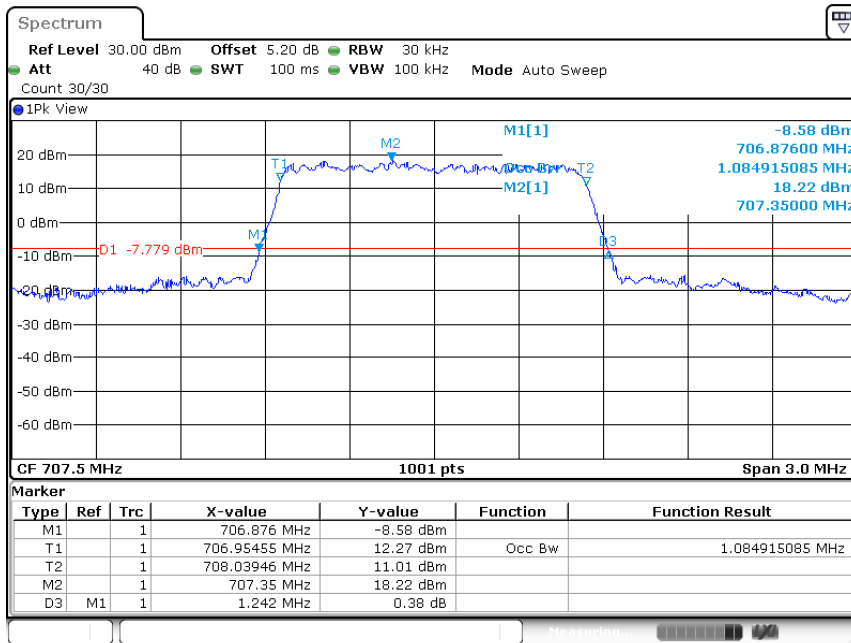


Date: 3.DEC.2020 20:38:02



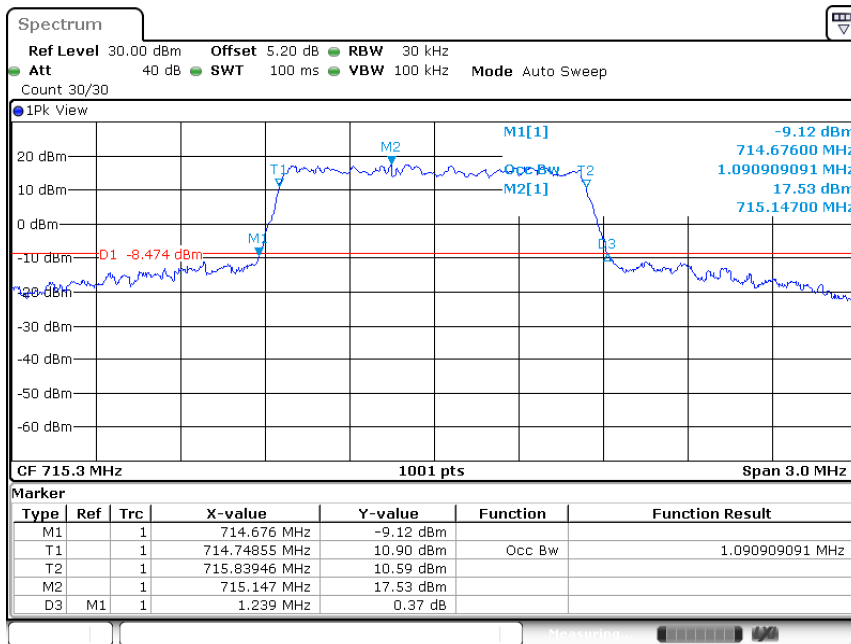
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Band12-1.4MHz-16QAM-23095-6RB#0-1.085



Date: 3.DEC.2020 20:38:27

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

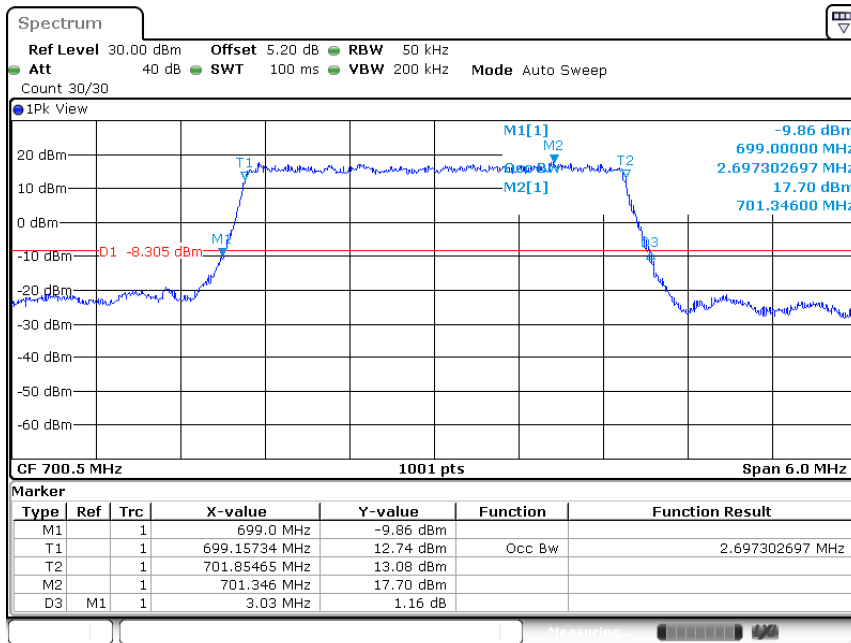


Date: 3.DEC.2020 20:38:53



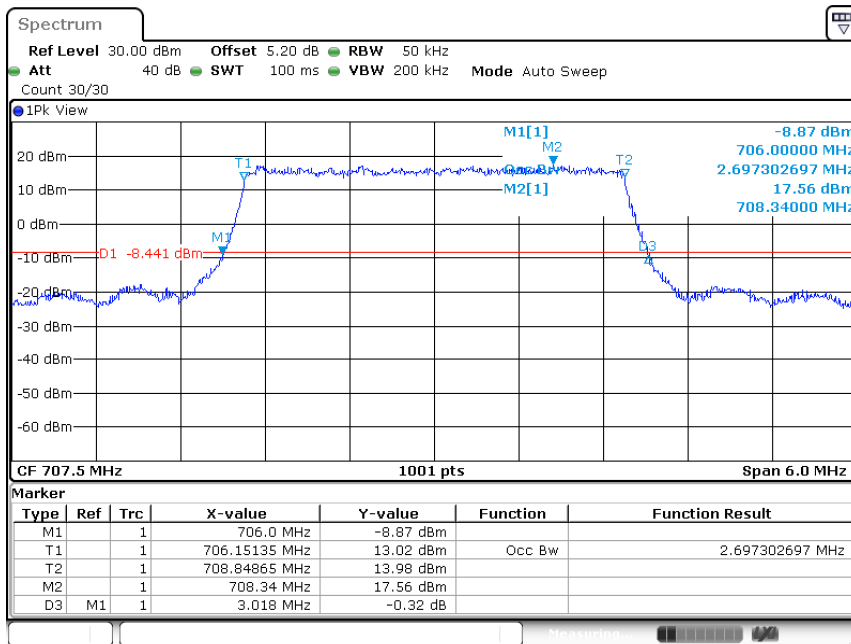
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Band12-3MHz-QPSK-23025-15RB#0-2.697



Date: 3.DEC.2020 20:39:10

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

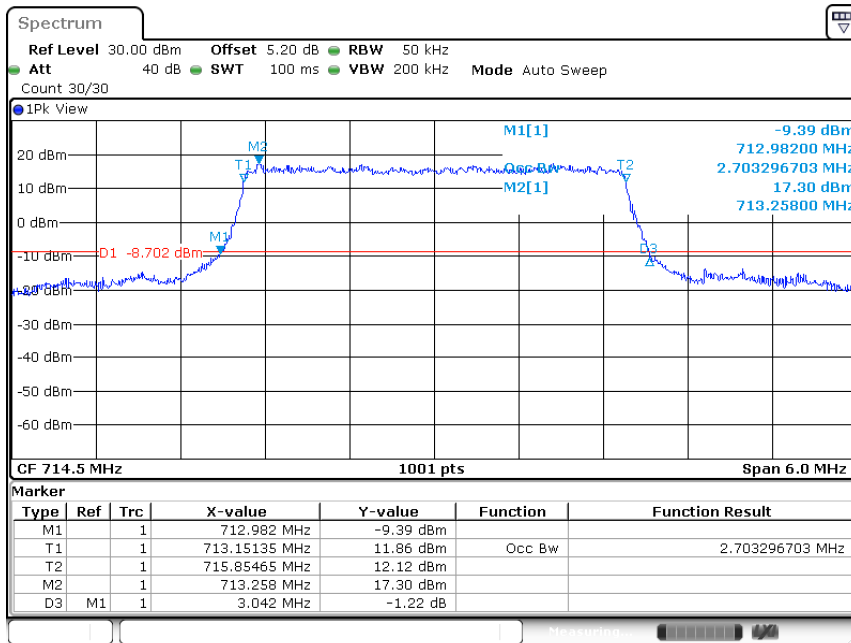


Date: 3.DEC.2020 20:39:36



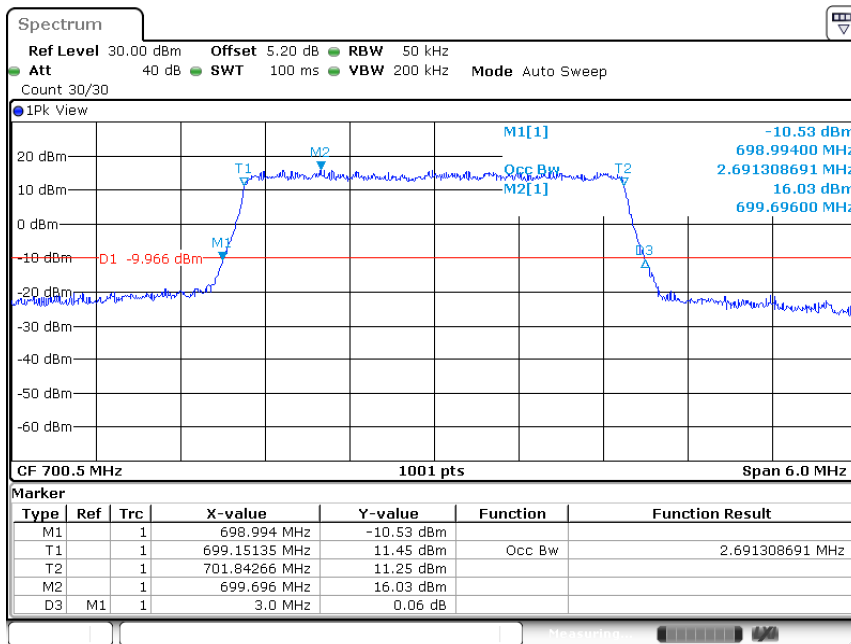
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Band12-3MHz-QPSK-23165-15RB#0-2.703



Date: 3.DEC.2020 20:40:02

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

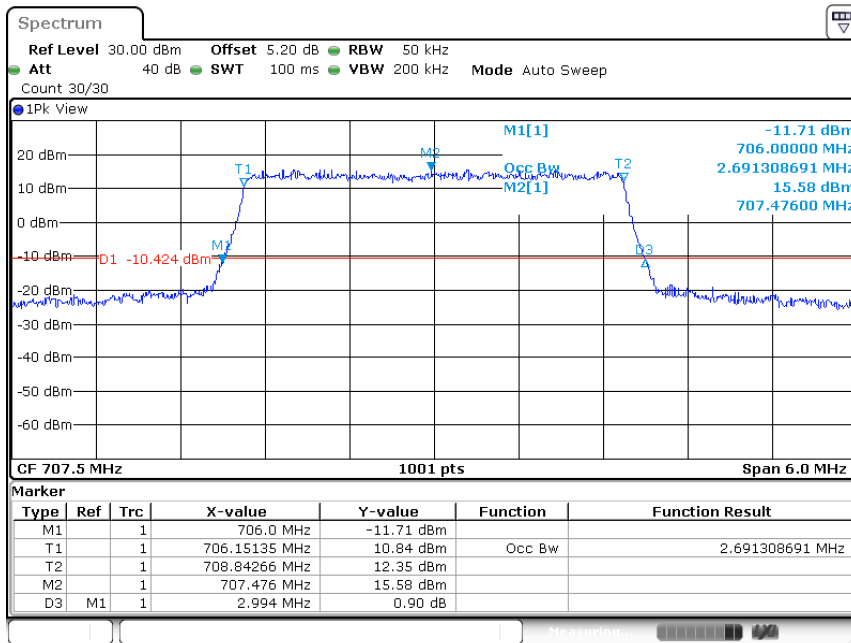


Date: 4.DEC.2020 22:01:46

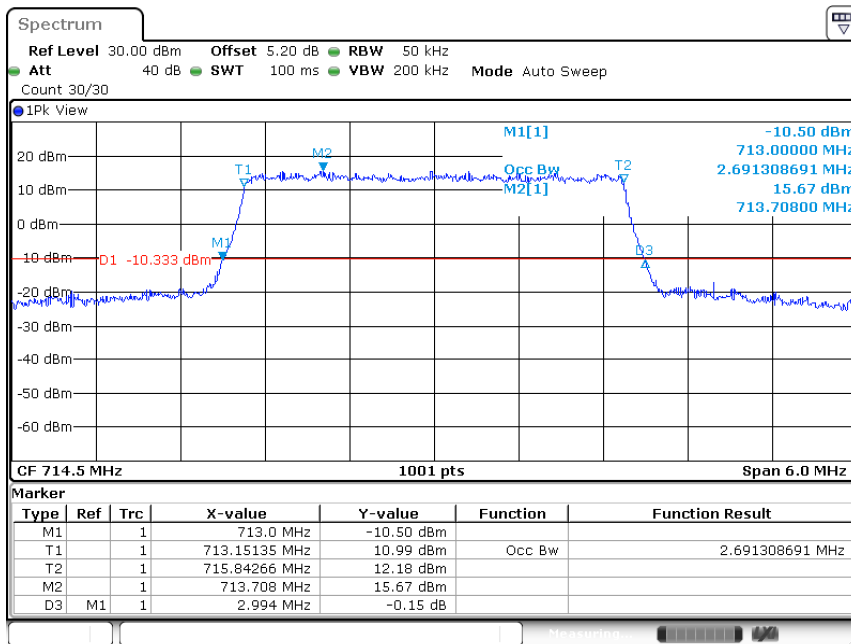


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Band12-3MHz-64QAM-23095-15RB#0-2.691

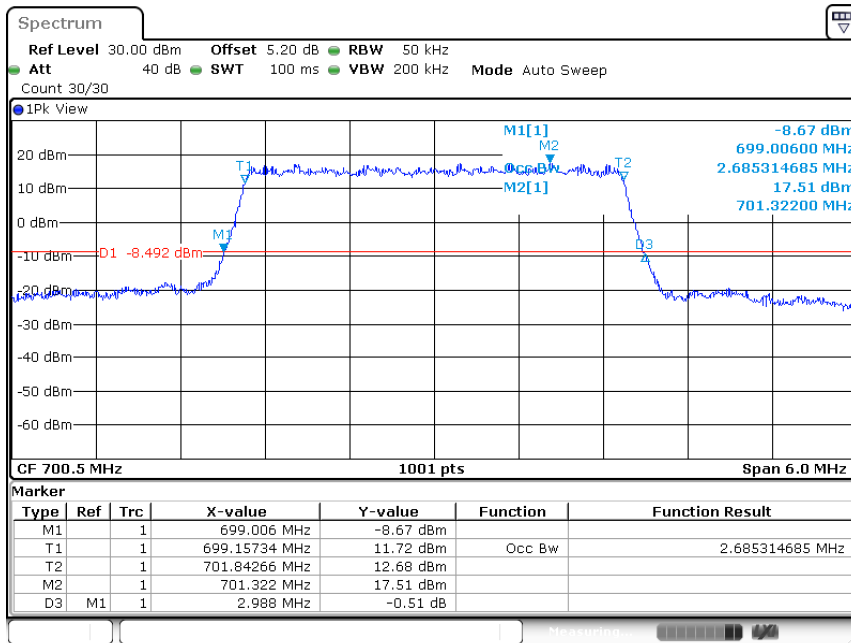


Band12-3MHz-64QAM-23165-15RB#0-2.691



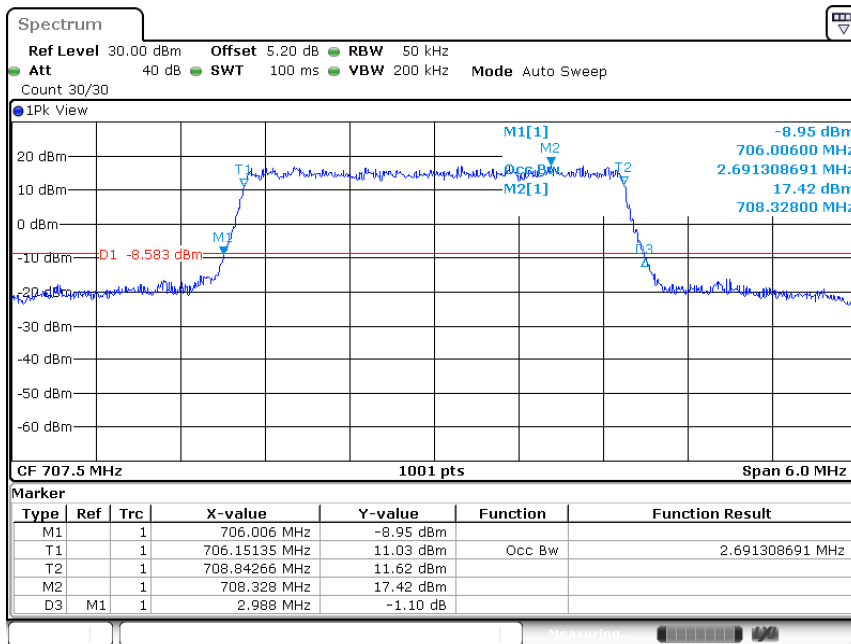
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Band12-3MHz-16QAM-23025-15RB#0-2.685



Date: 3.DEC.2020 20:39:23

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



Date: 3.DEC.2020 20:39:49

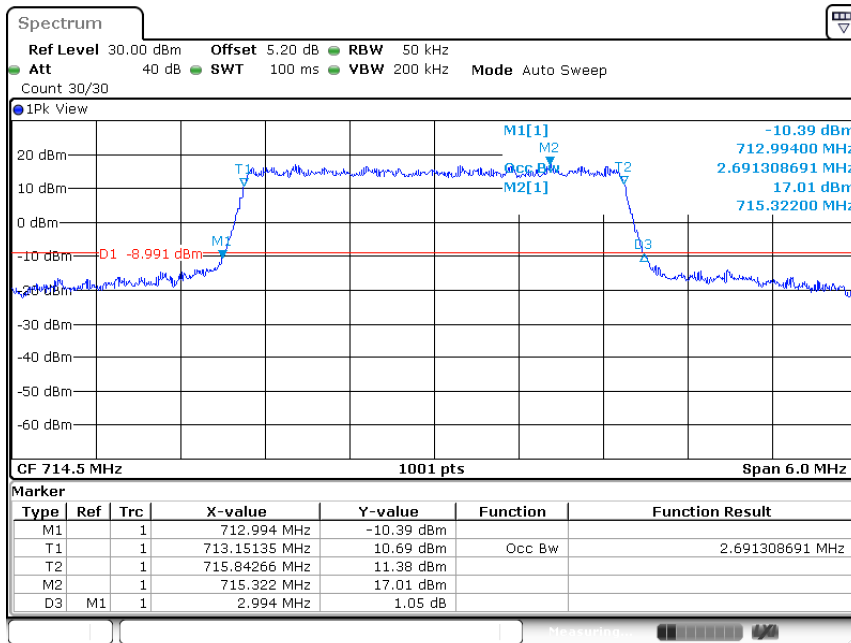


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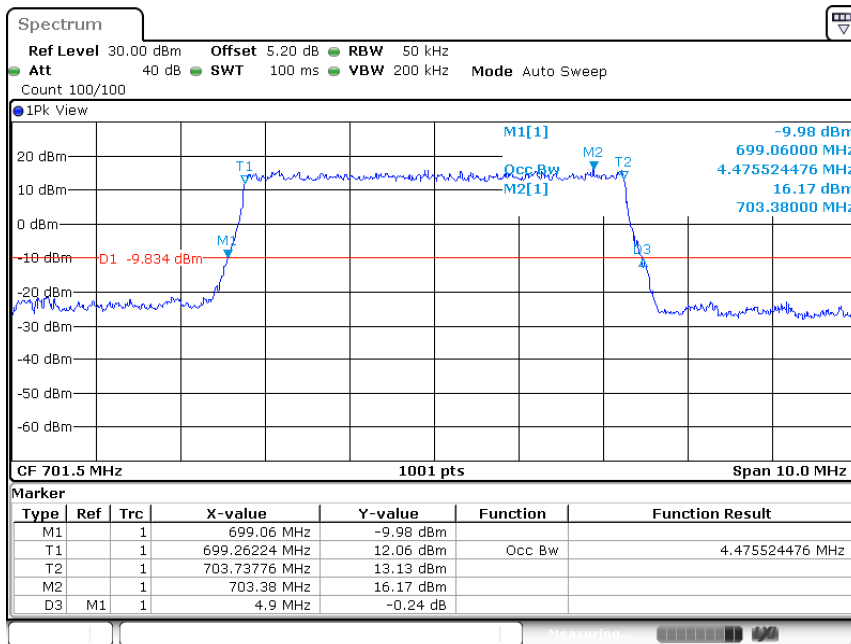
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Band12-3MHz-16QAM-23165-15RB#0-2.691



Date: 3.DEC.2020 20:40:14

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

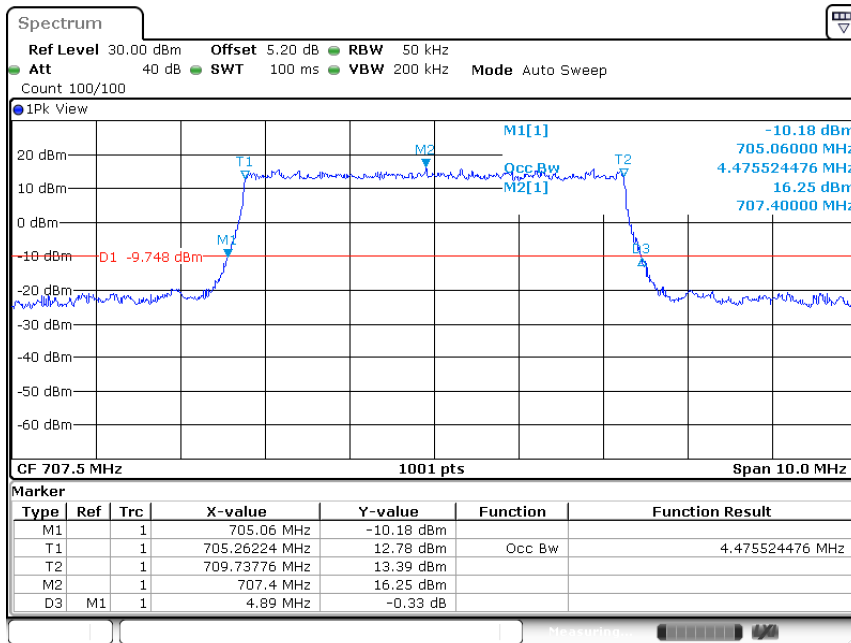


Date: 3.DEC.2020 20:40:39



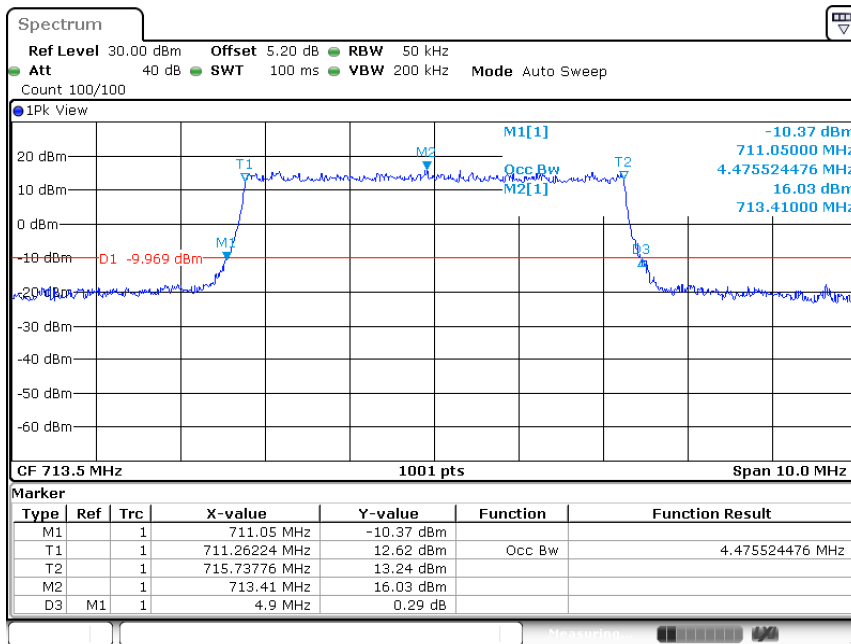
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Band12-5MHz-QPSK-23095-25RB#0-4.476



Date: 3.DEC.2020 20:41:18

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

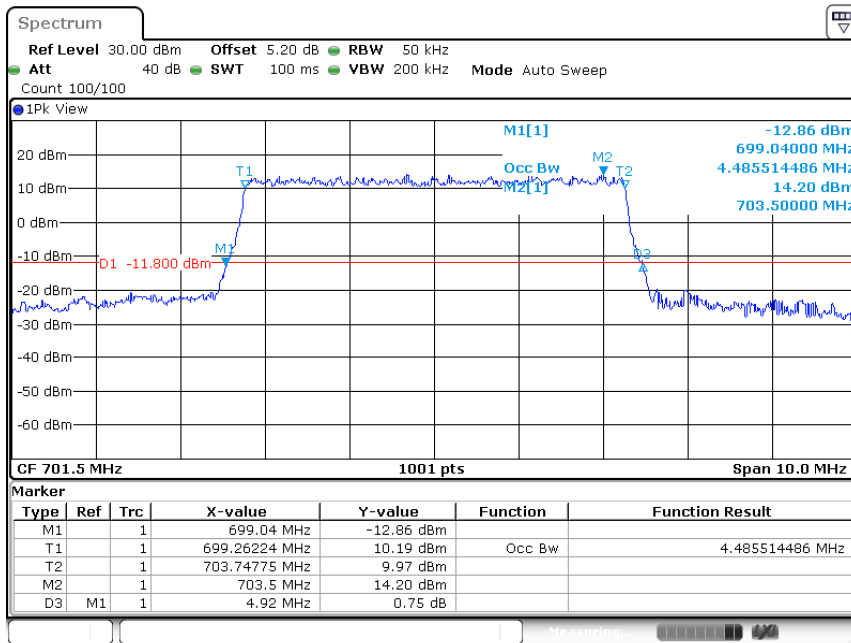


Date: 3.DEC.2020 20:41:58



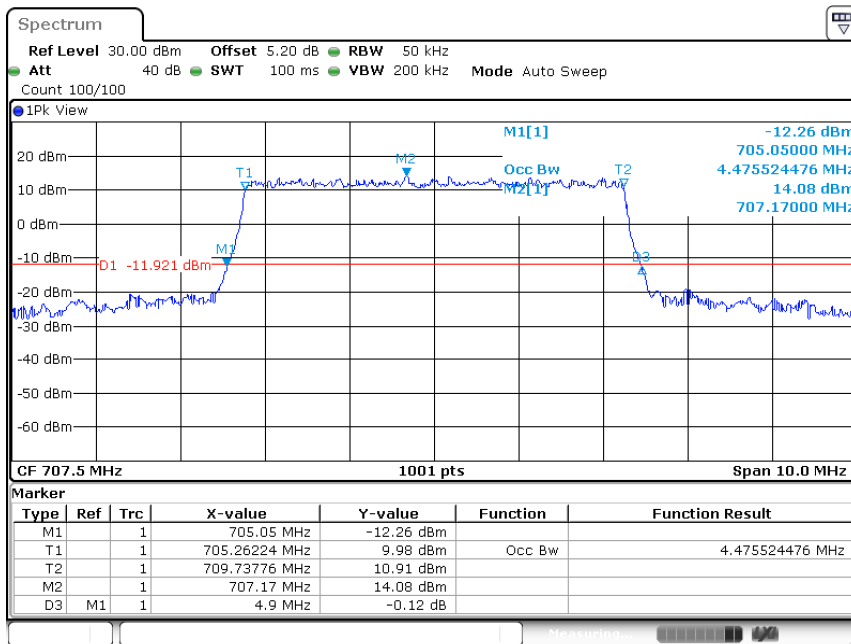
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Band12-5MHz-64QAM-23035-25RB#0-4.486



Date: 4.DEC.2020 22:02:37

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

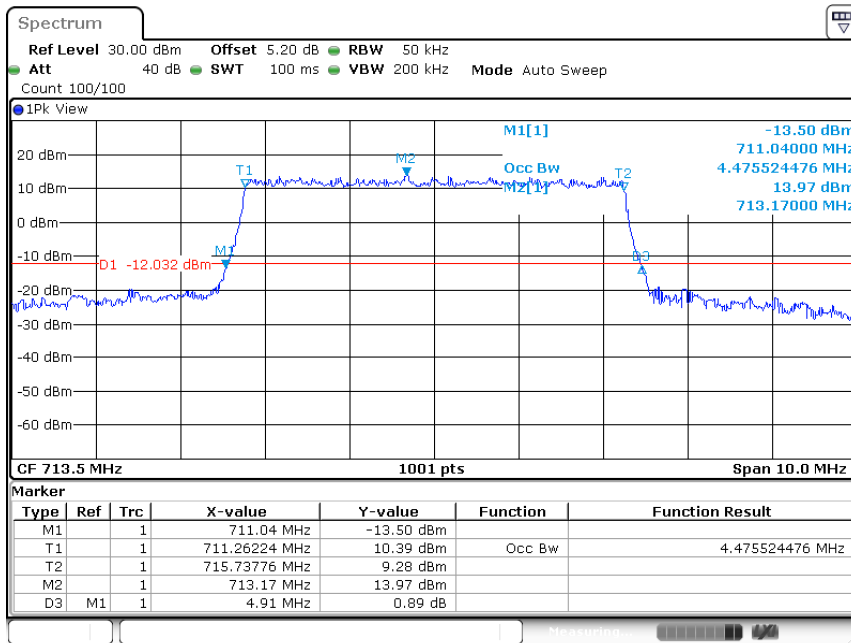


Date: 4.DEC.2020 22:02:56



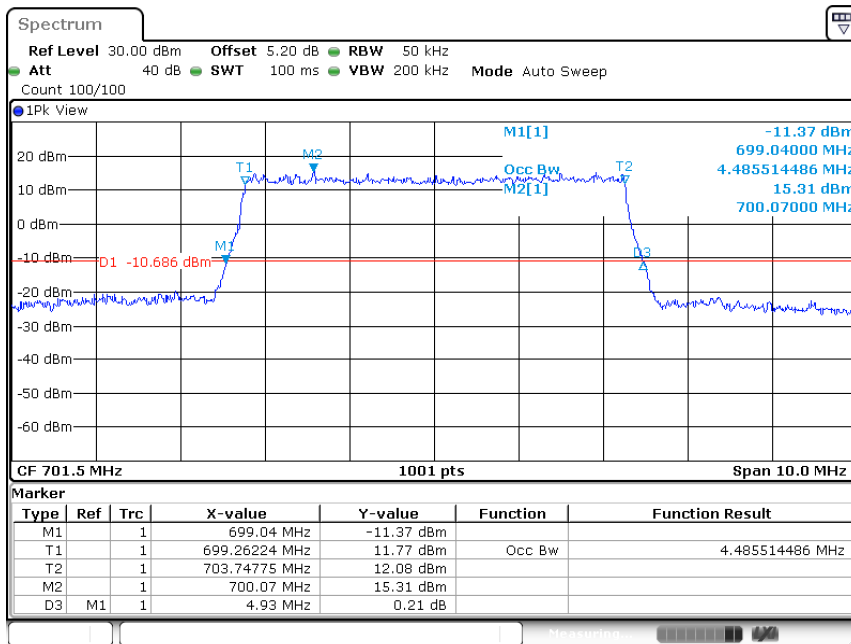
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Band12-5MHz-64QAM-23155-25RB#0-4.476



Date: 4.DEC.2020 22:03:16

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

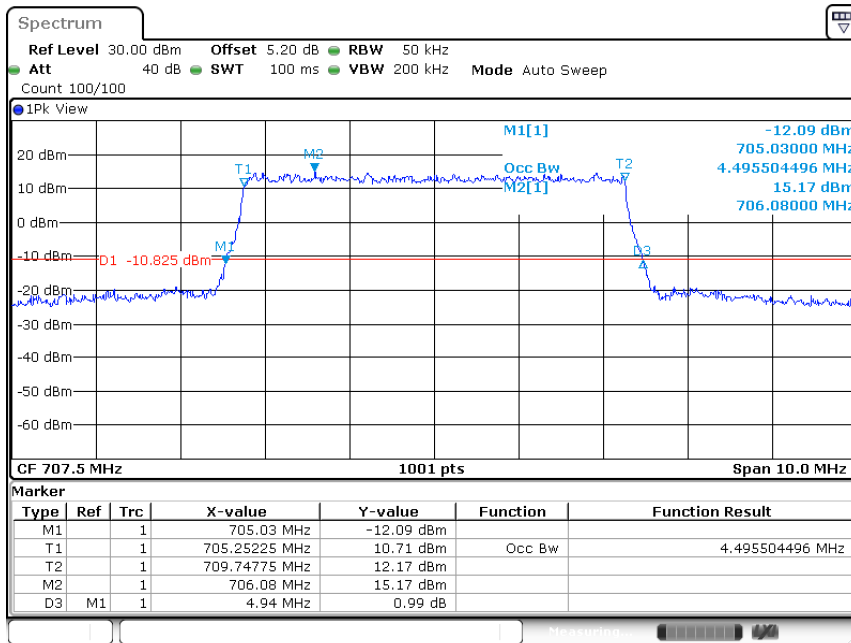


Date: 3.DEC.2020 20:40:58



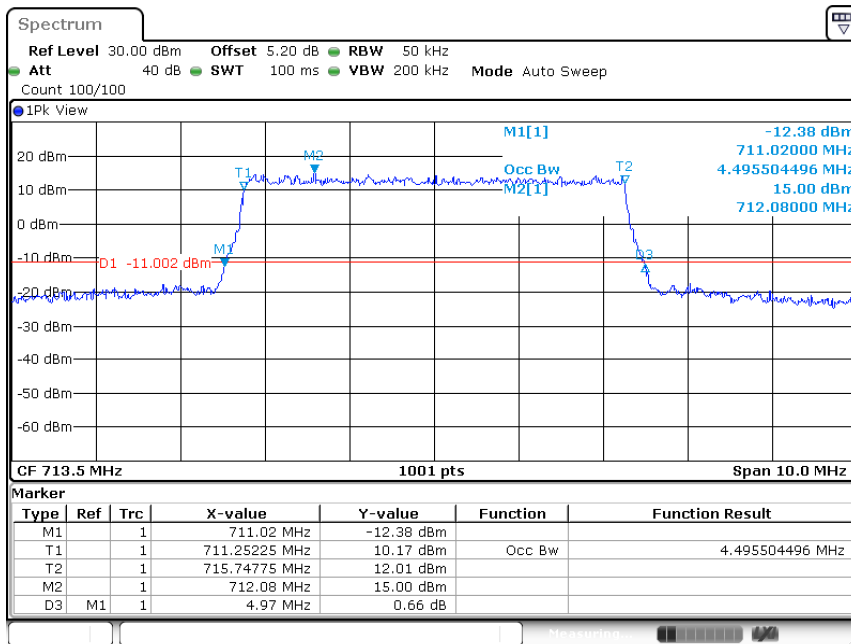
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Band12-5MHz-16QAM-23095-25RB#0-4.496



Date: 3.DEC.2020 20:41:38

Band12-5MHz-16QAM-23155-25RB#0-4.496

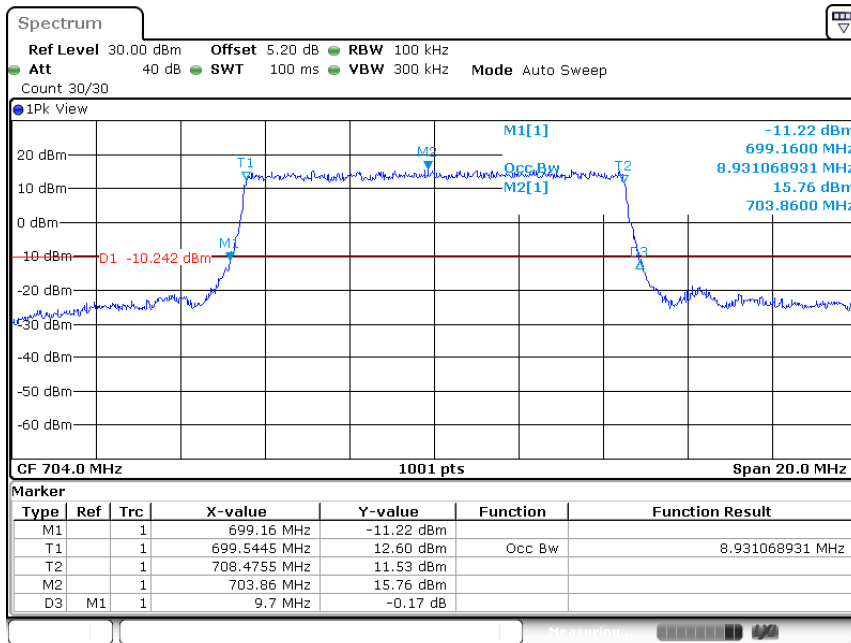


Date: 3.DEC.2020 20:42:17



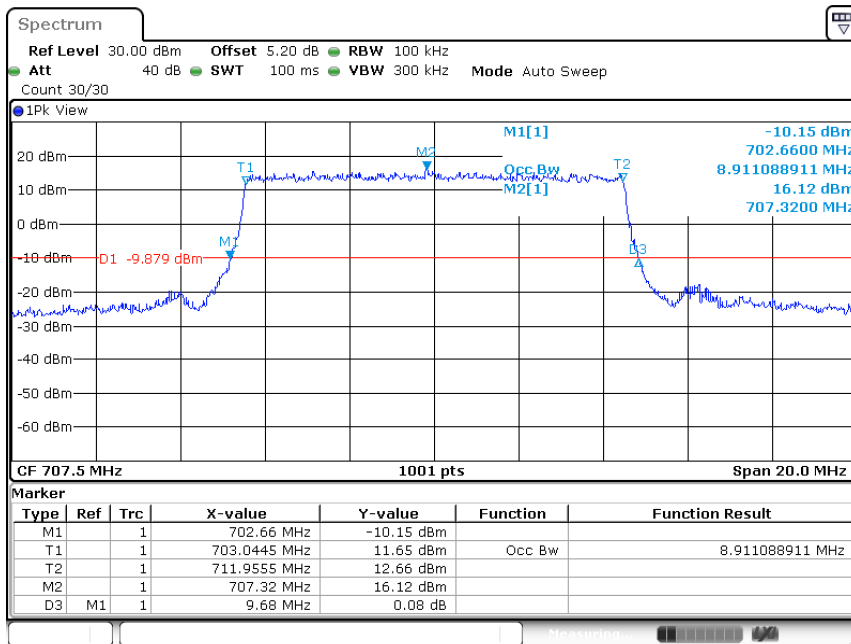
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Band12-10MHz-QPSK-23060-50RB#0-8.931



Date: 3.DEC.2020 20:42:35

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

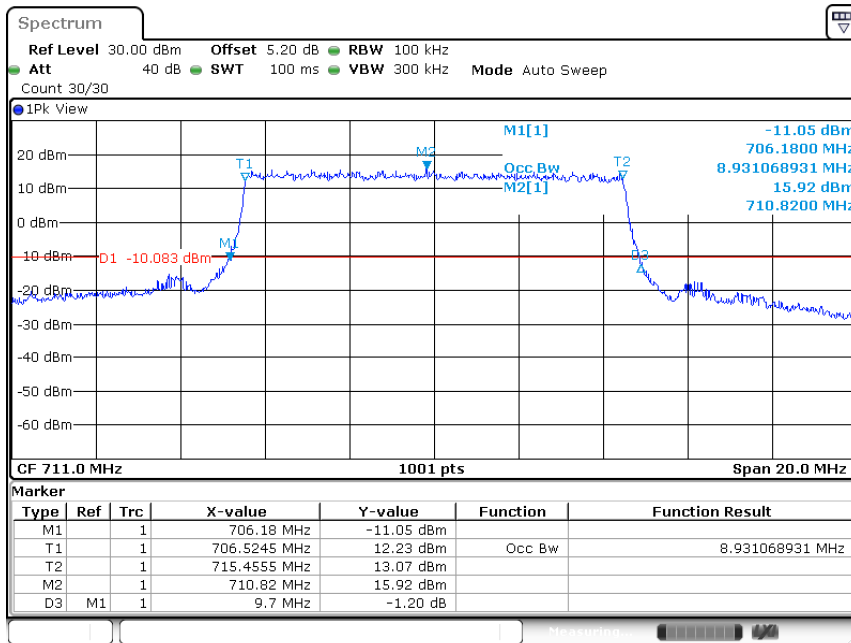


Date: 3.DEC.2020 20:43:01

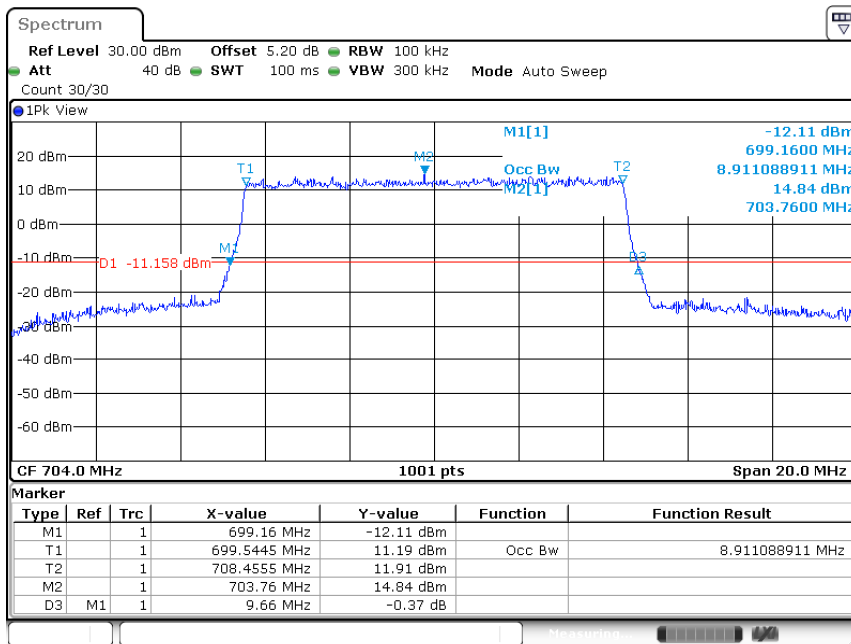


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Band12-10MHz-QPSK-23130-50RB#0-8.931

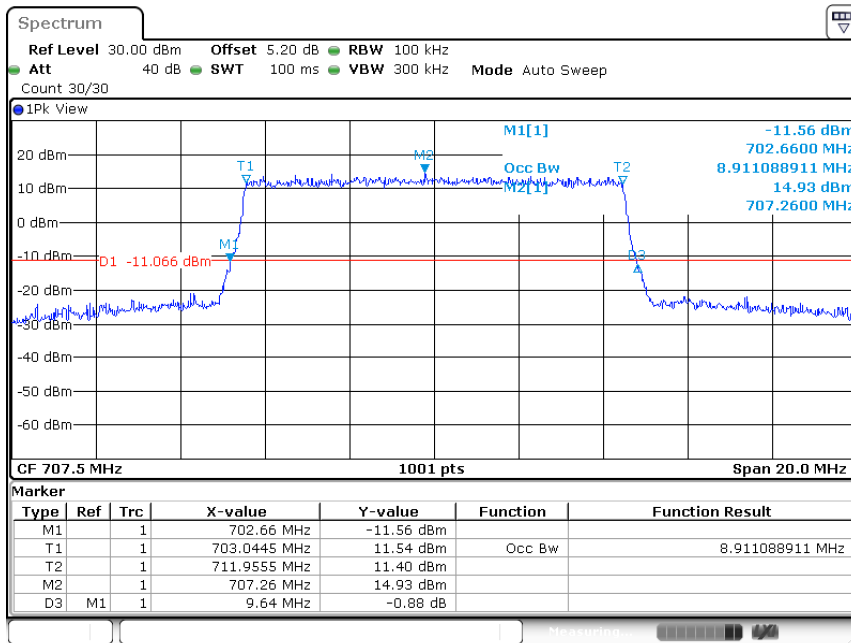


Band12-10MHz-64QAM-23060-50RB#0-8.911



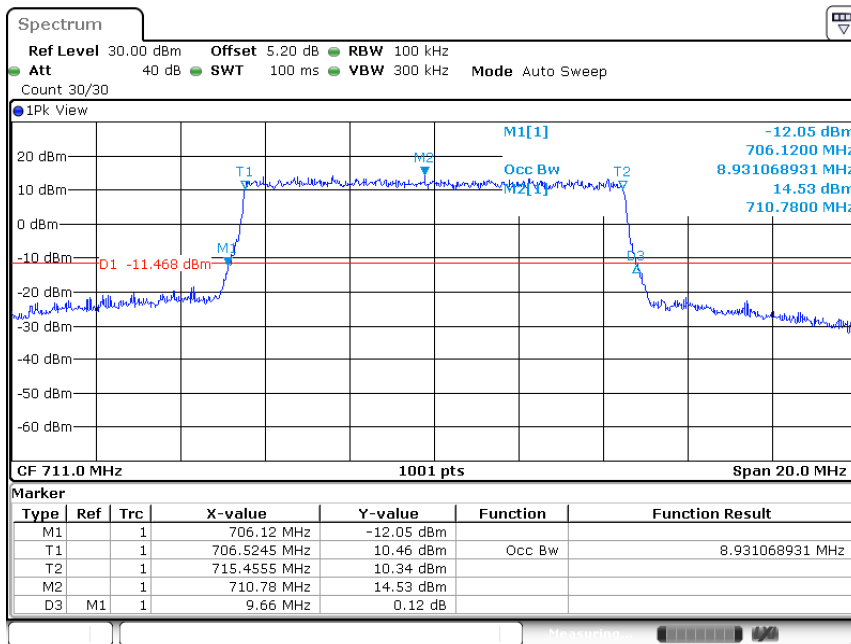
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Band12-10MHz-64QAM-23095-50RB#0-8.911



Date: 4.DEC.2020 22:03:47

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

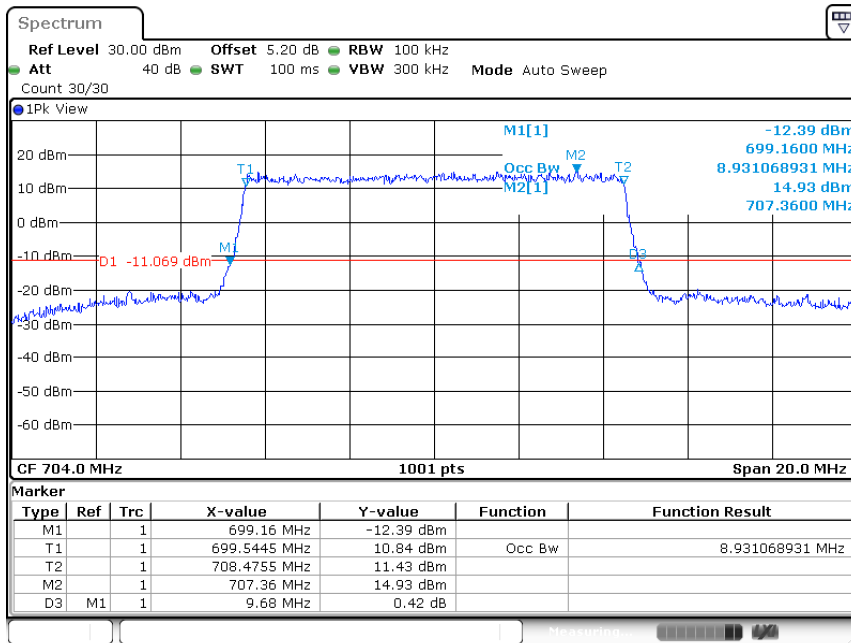


Date: 4.DEC.2020 22:04:00



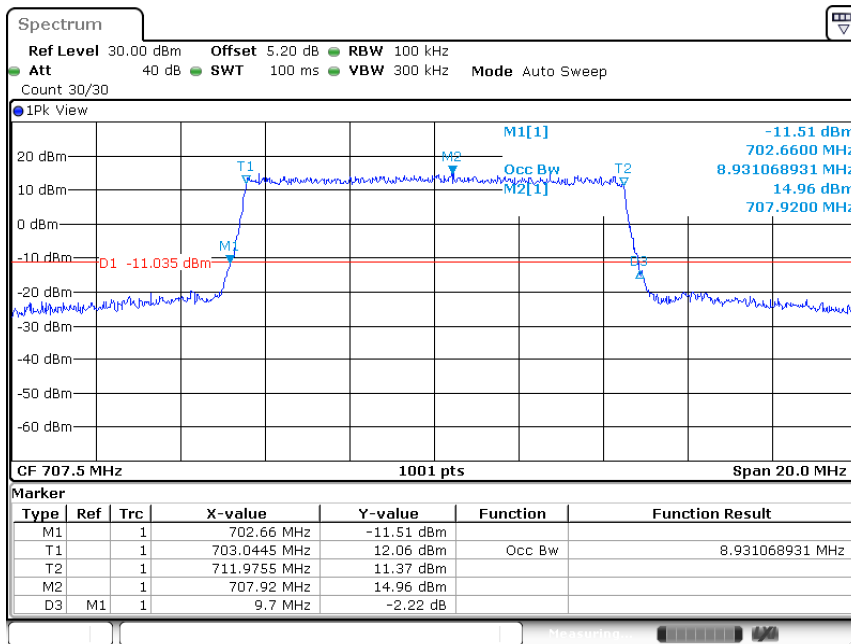
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Band12-10MHz-16QAM-23060-50RB#0-8.931



Date: 3.DEC.2020 20:42:48

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

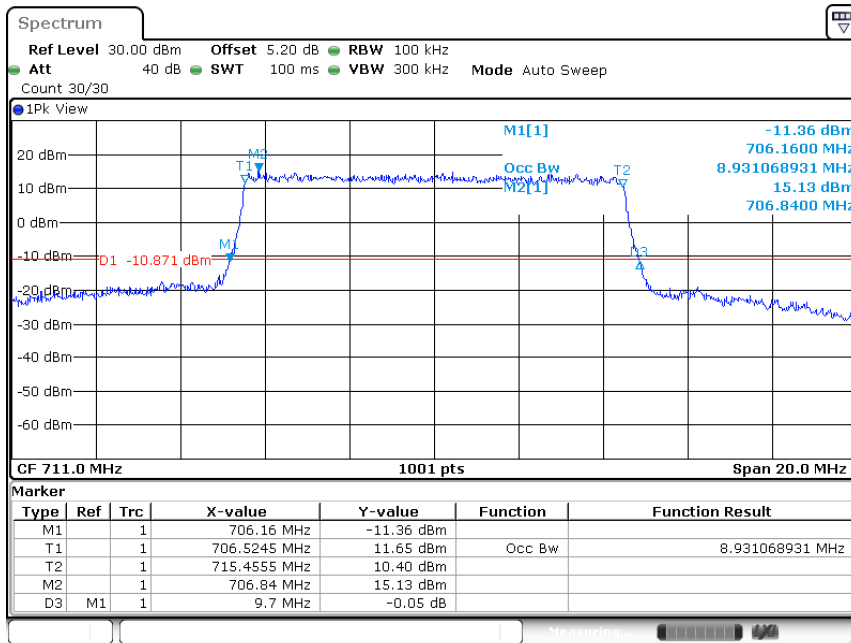


Date: 3.DEC.2020 20:43:13



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



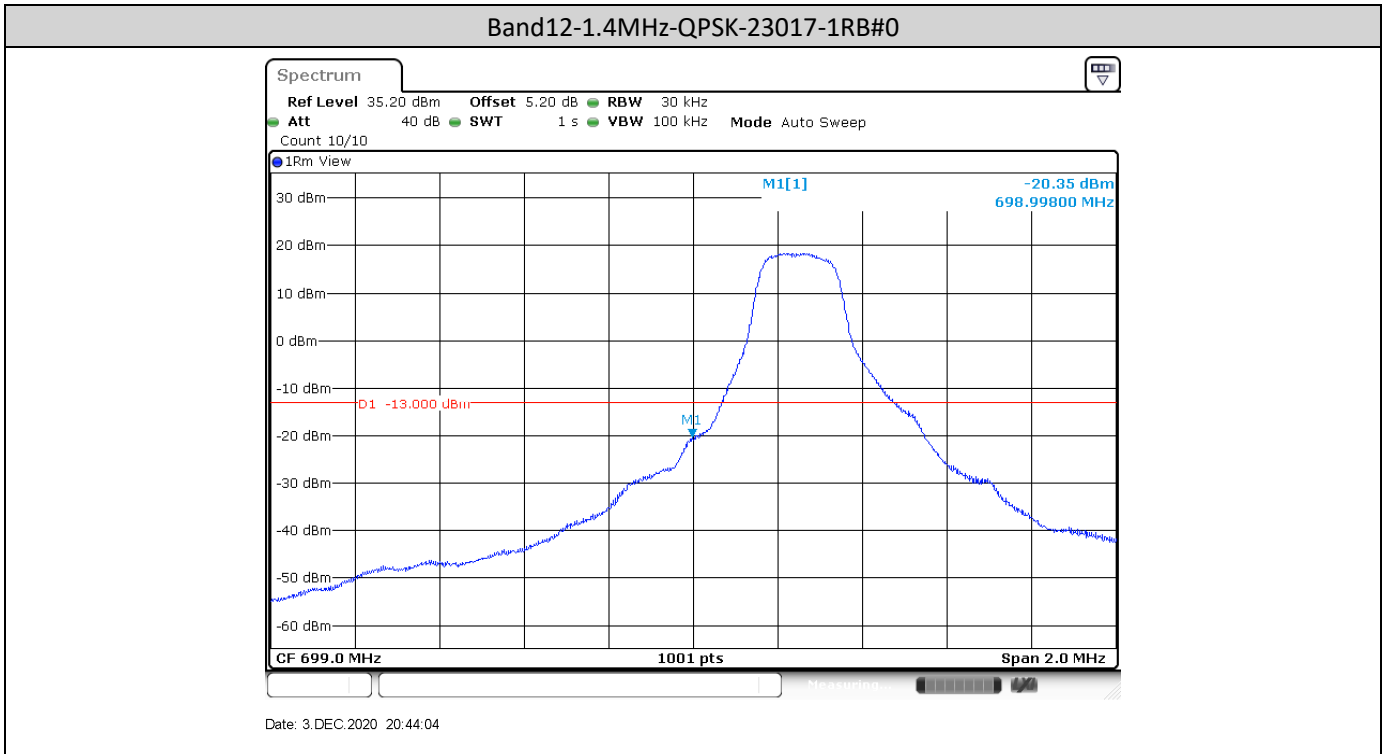
Date: 3.DEC.2020 20:43:39



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5. Band Edge Compliance

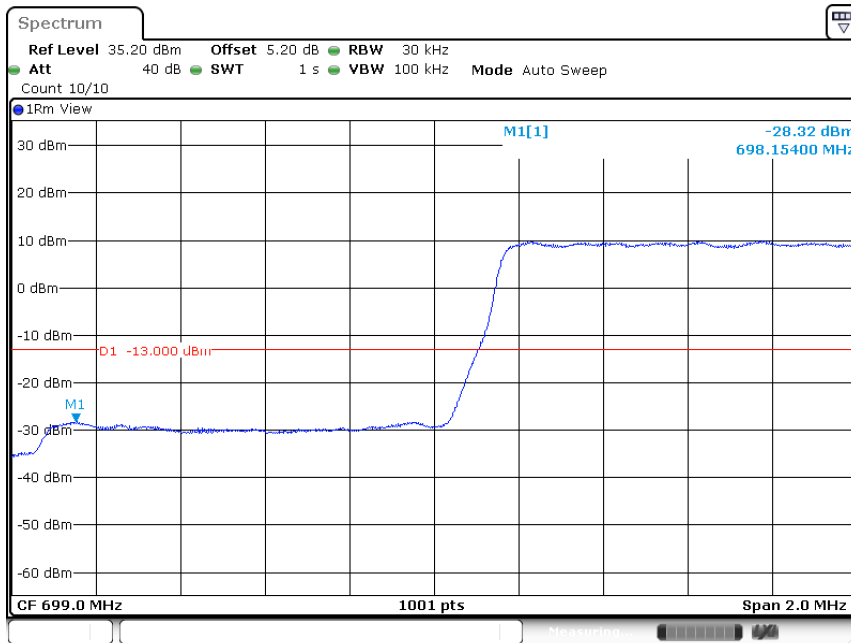
5.1. Test Plots



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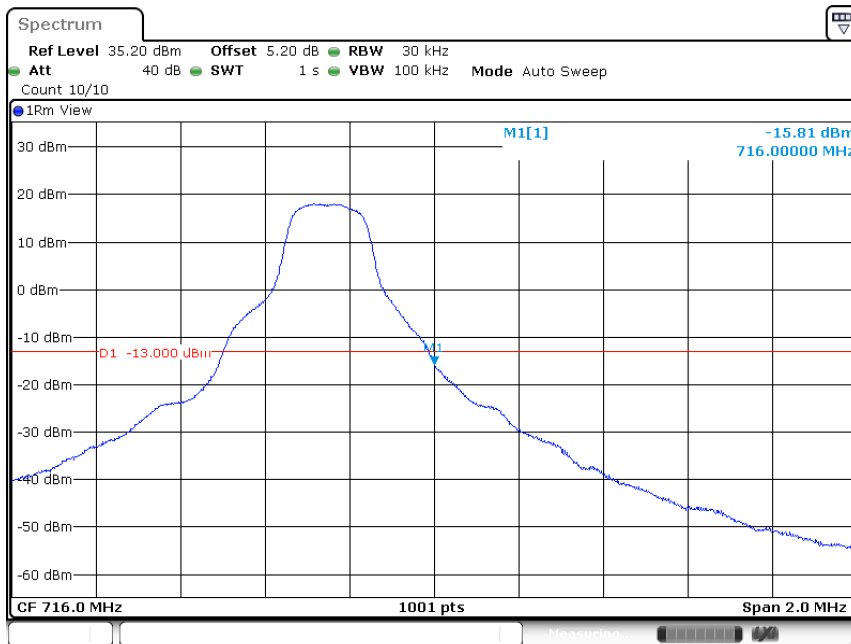
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Band12-1.4MHz-QPSK-23017-6RB#0



Date: 3.DEC.2020 20:44:45

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

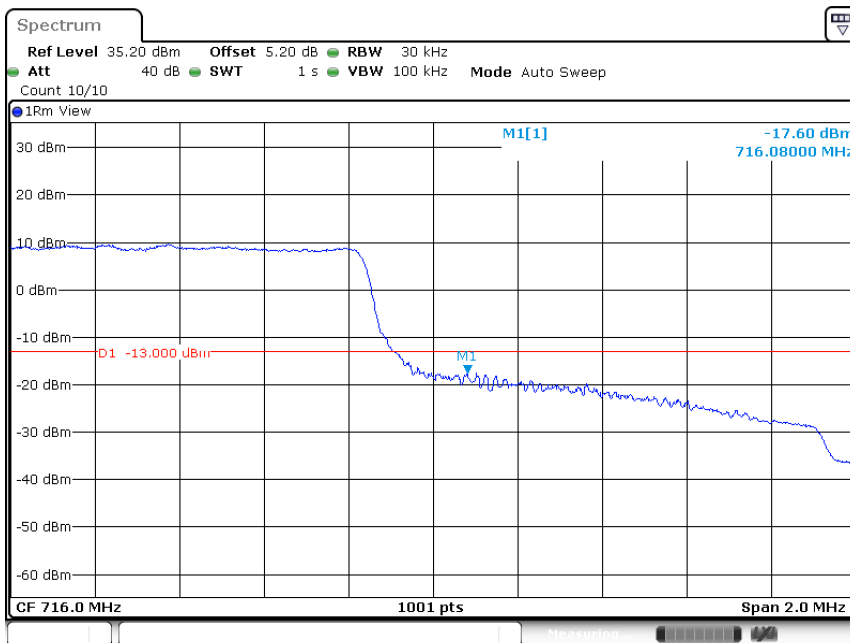


Date: 3.DEC.2020 20:45:30



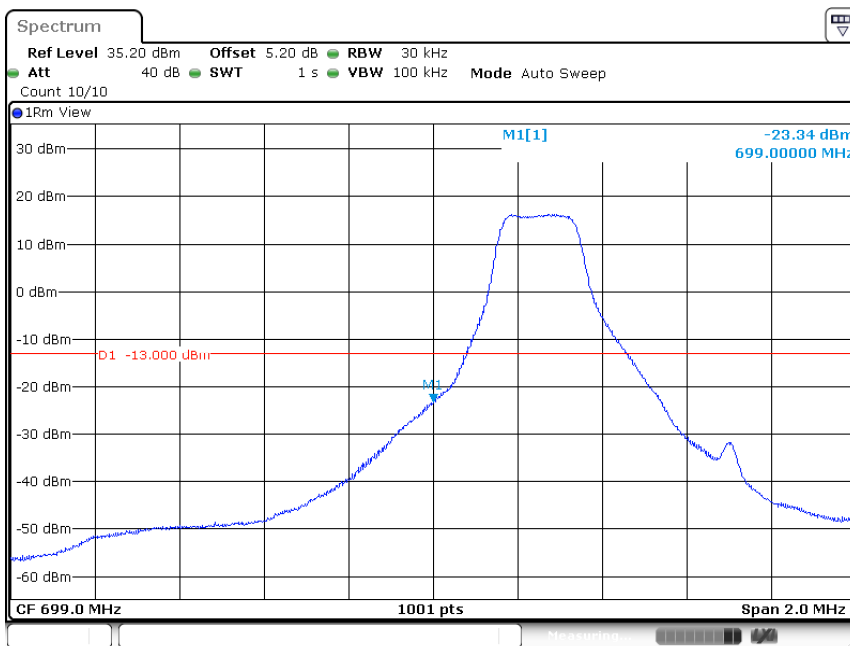
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Band12-1.4MHz-QPSK-23173-6RB#0



Date: 3.DEC.2020 20:46:11

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

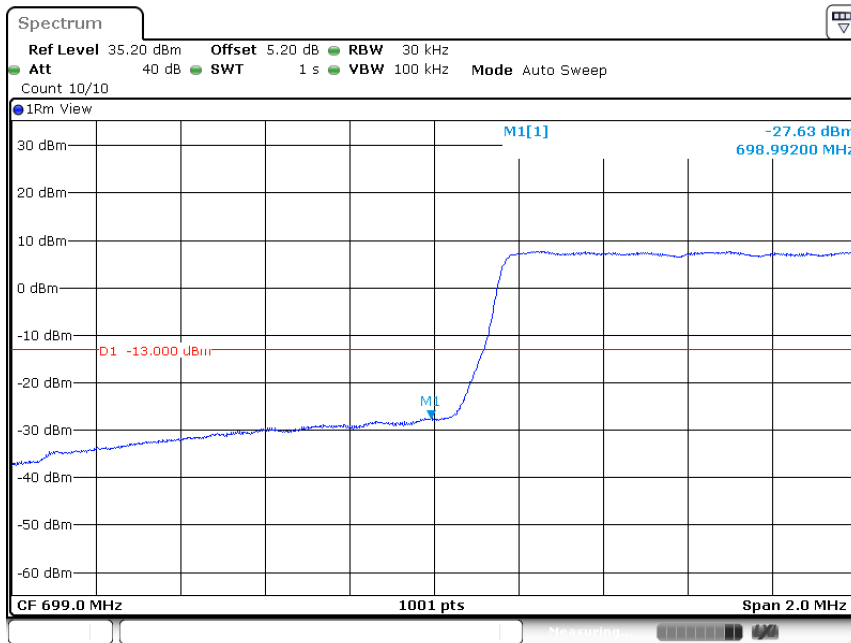


Date: 4.DEC.2020 22:04:26



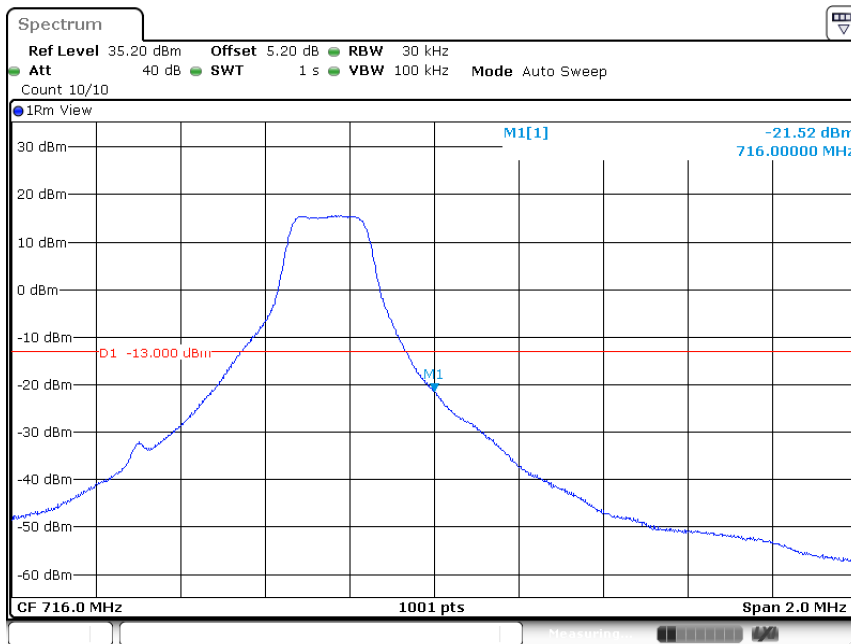
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Band12-1.4MHz-64QAM-23017-6RB#0



Date: 4.DEC.2020 22:04:46

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

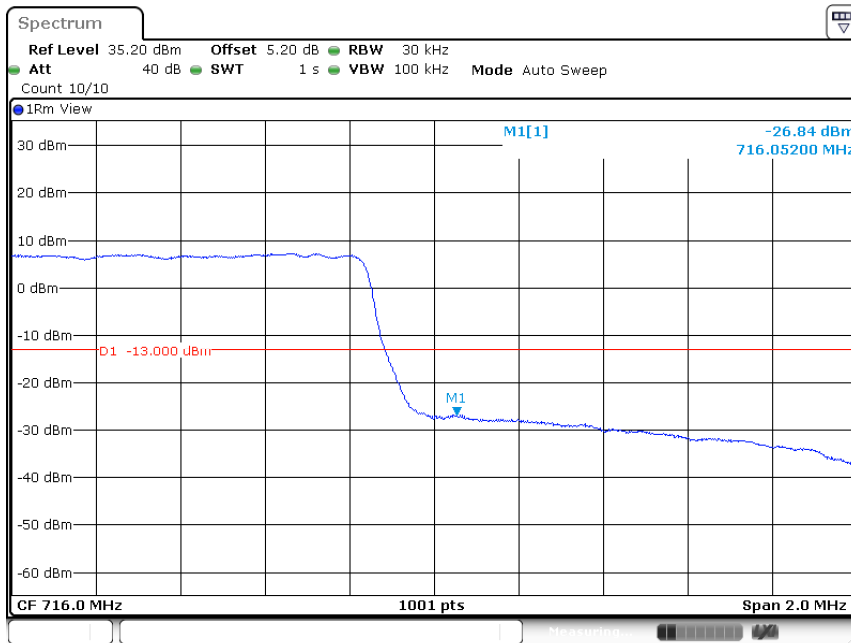


Date: 4.DEC.2020 22:05:11



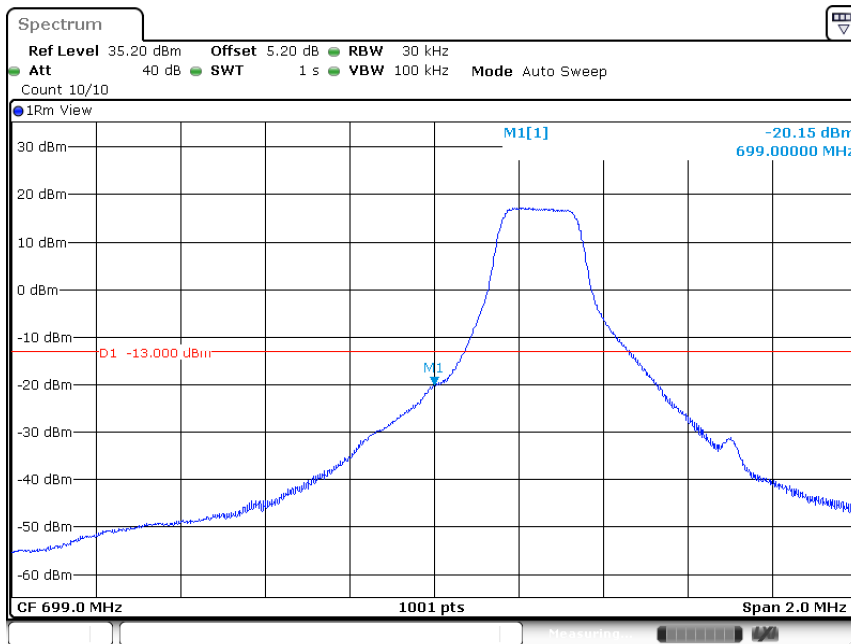
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Band12-1.4MHz-64QAM-23173-6RB#0



Date: 4.DEC.2020 22:05:32

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



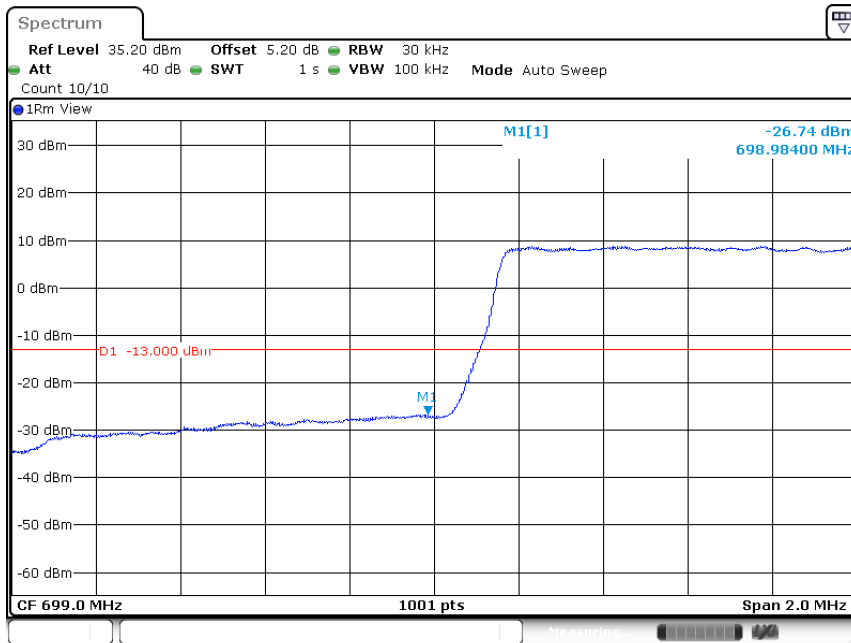
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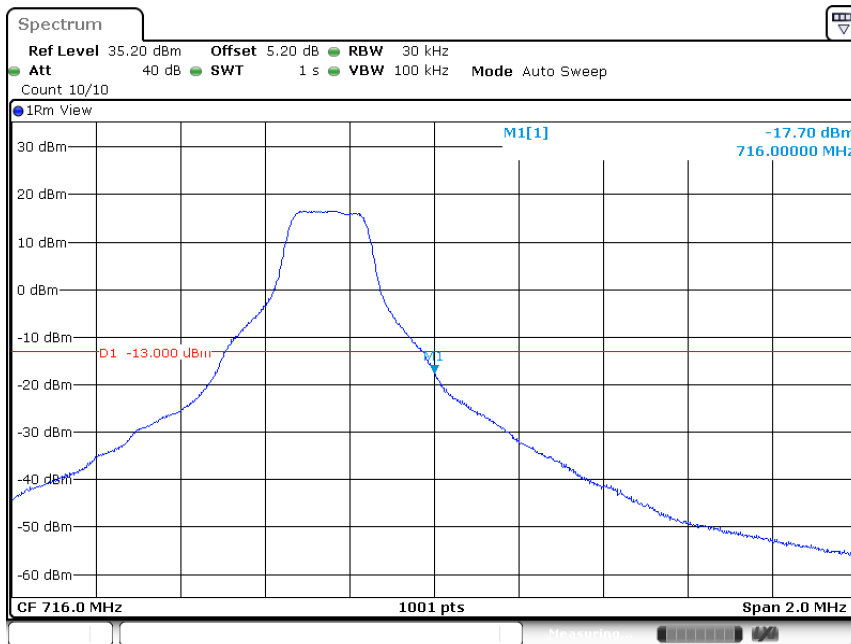
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Band12-1.4MHz-16QAM-23017-6RB#0



Date: 3.DEC.2020 20:45:06

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

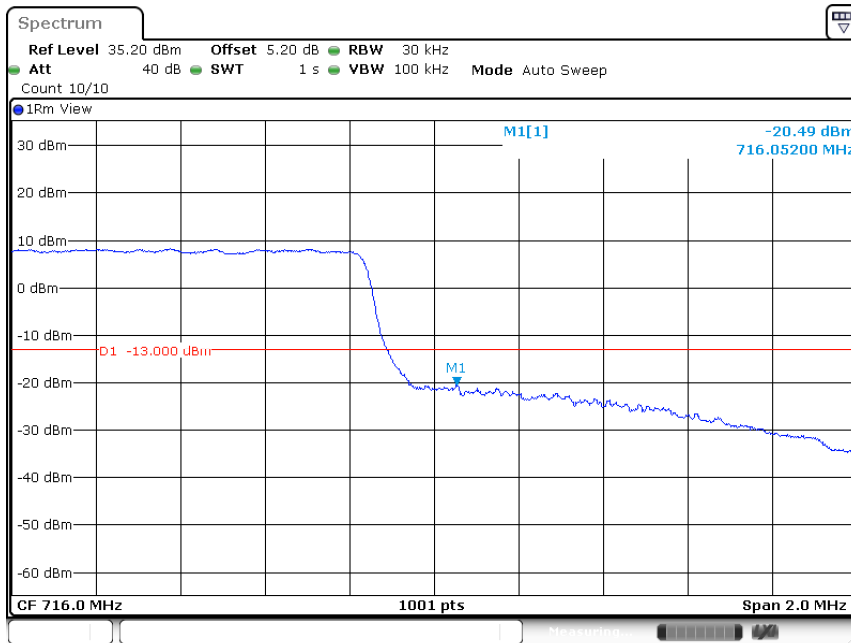


Date: 3.DEC.2020 20:45:51



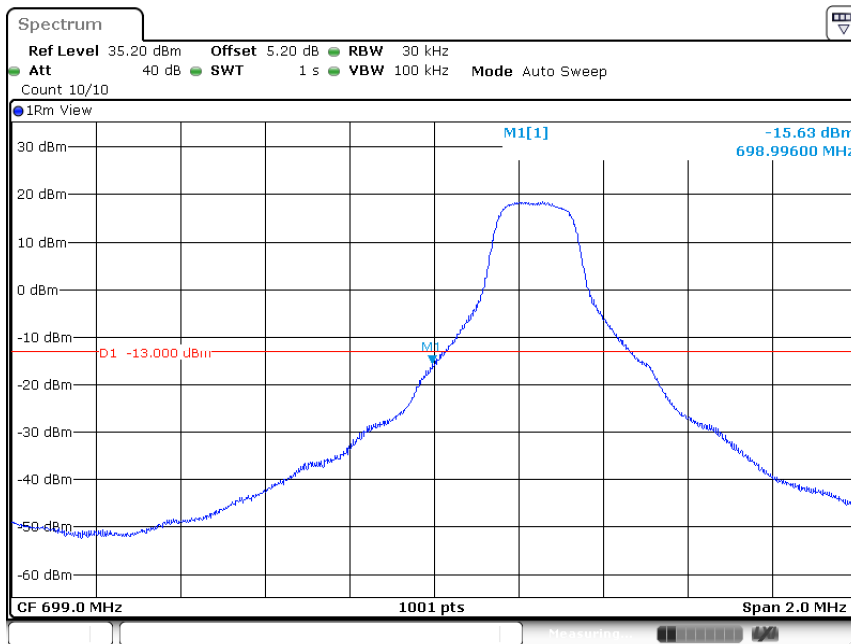
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Band12-1.4MHz-16QAM-23173-6RB#0



Date: 3.DEC.2020 20:46:32

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



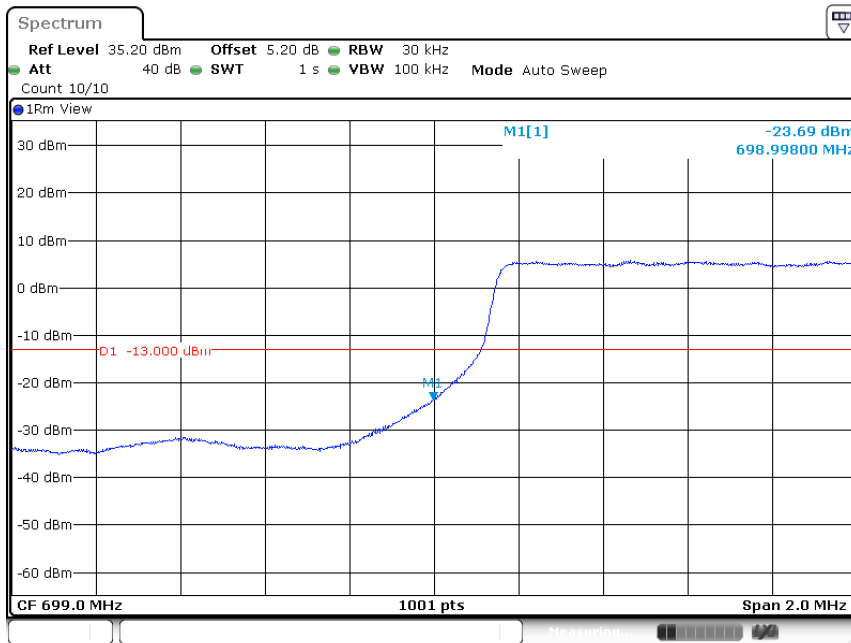
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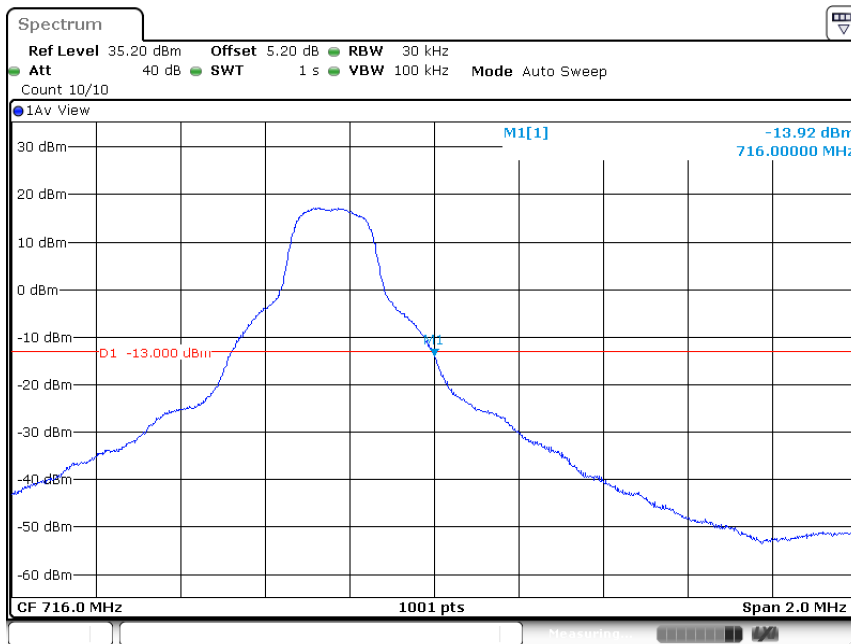
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Band12-3MHz-QPSK-23025-15RB#0



Date: 3.DEC.2020 20:51:24

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

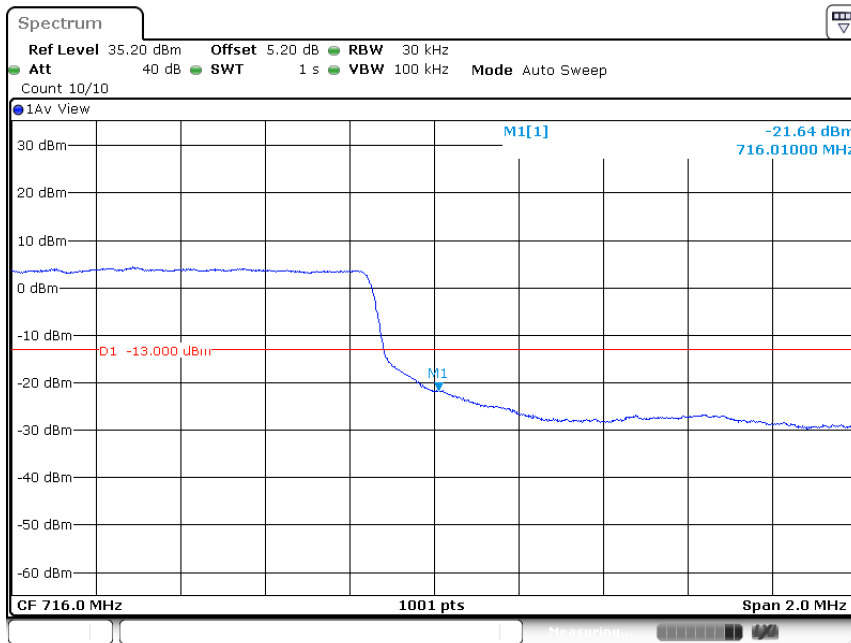


Date: 3.DEC.2020 20:52:38



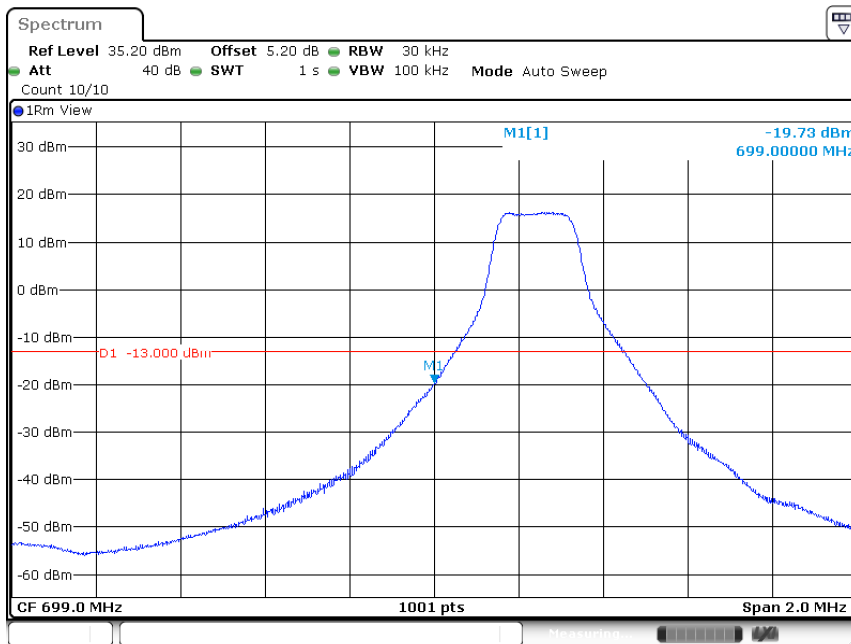
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Band12-3MHz-QPSK-23165-15RB#0



Date: 3.DEC.2020 20:53:19

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



Date: 4.DEC.2020 22:05:57

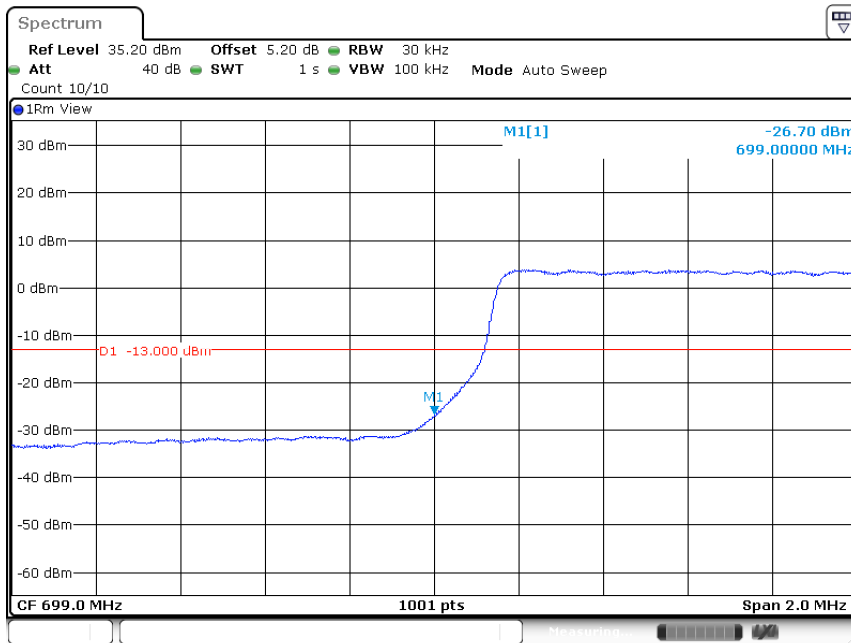


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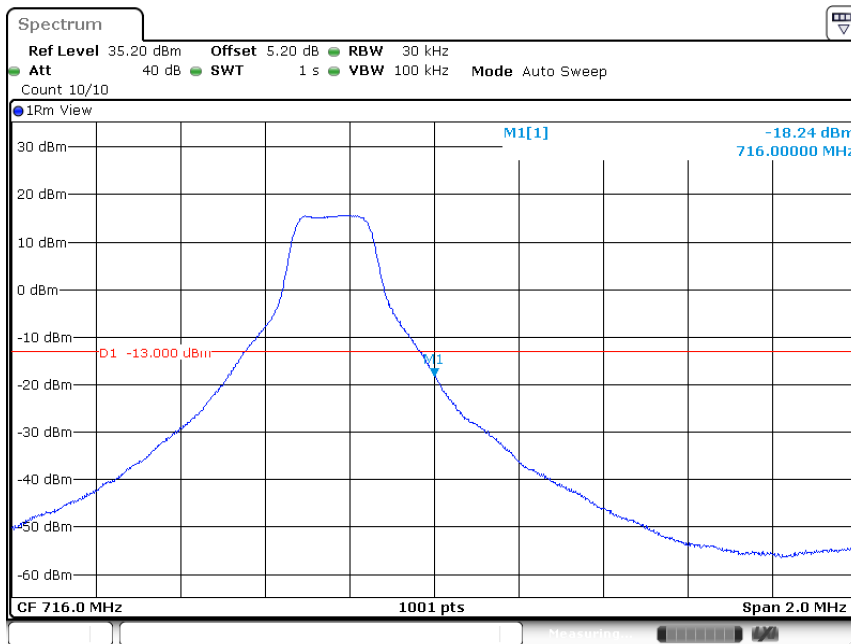
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Band12-3MHz-64QAM-23025-15RB#0



Date: 4.DEC.2020 22:06:18

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

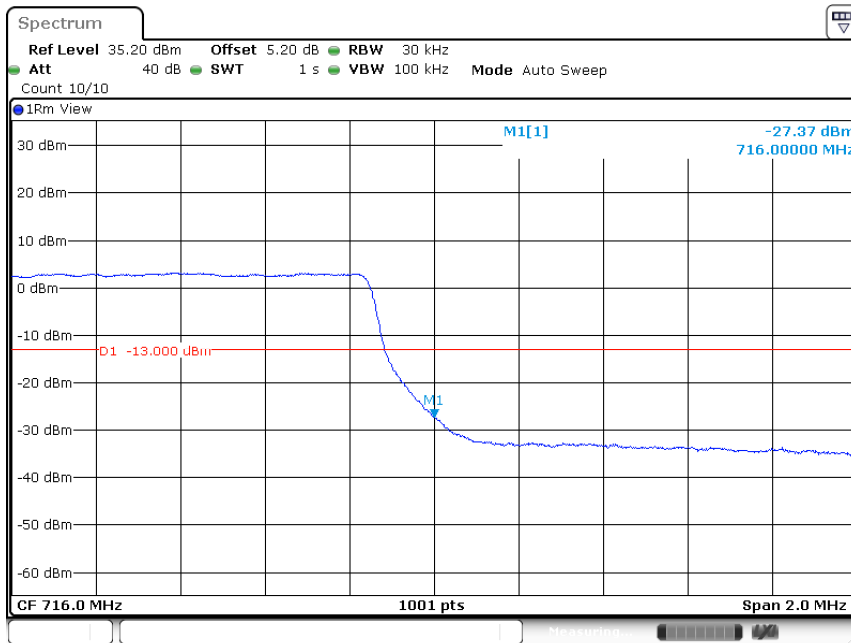


Date: 4.DEC.2020 22:06:43



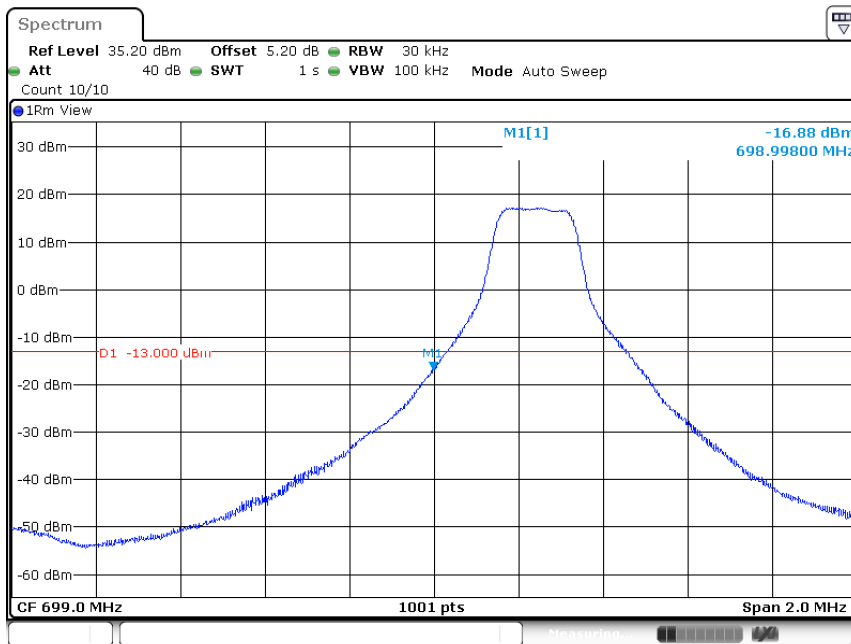
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Band12-3MHz-64QAM-23165-15RB#0



Date: 4.DEC.2020 22:07:03

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



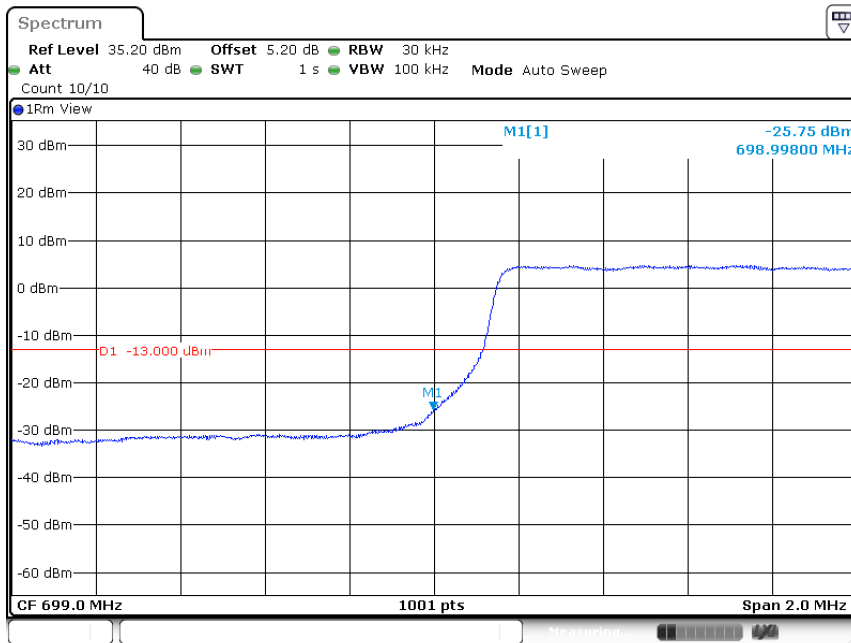
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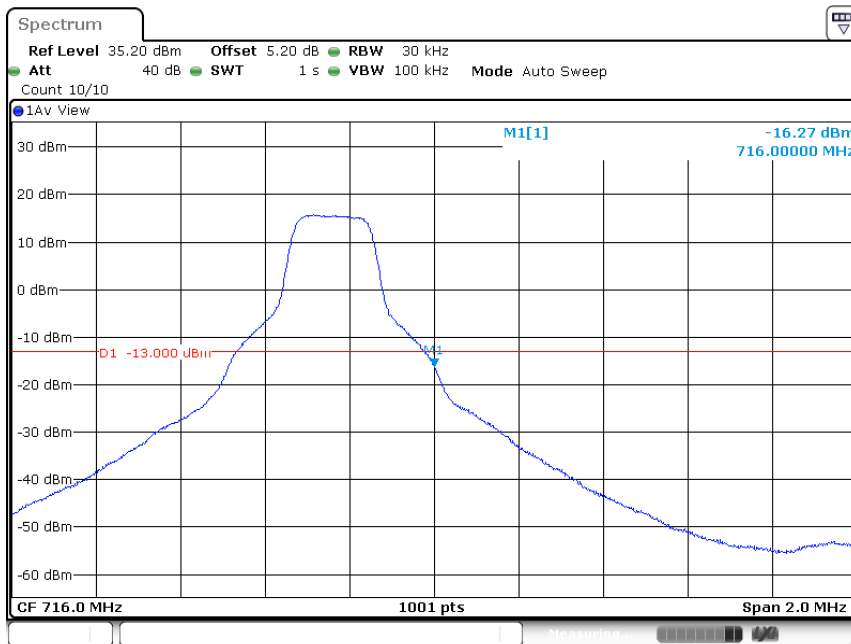
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Date: 3.DEC.2020 20:51:45

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



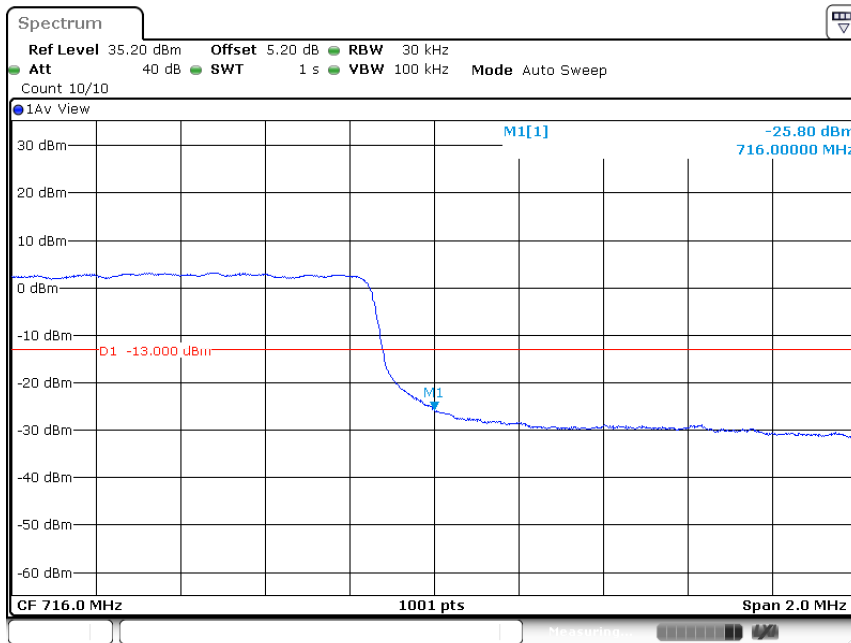
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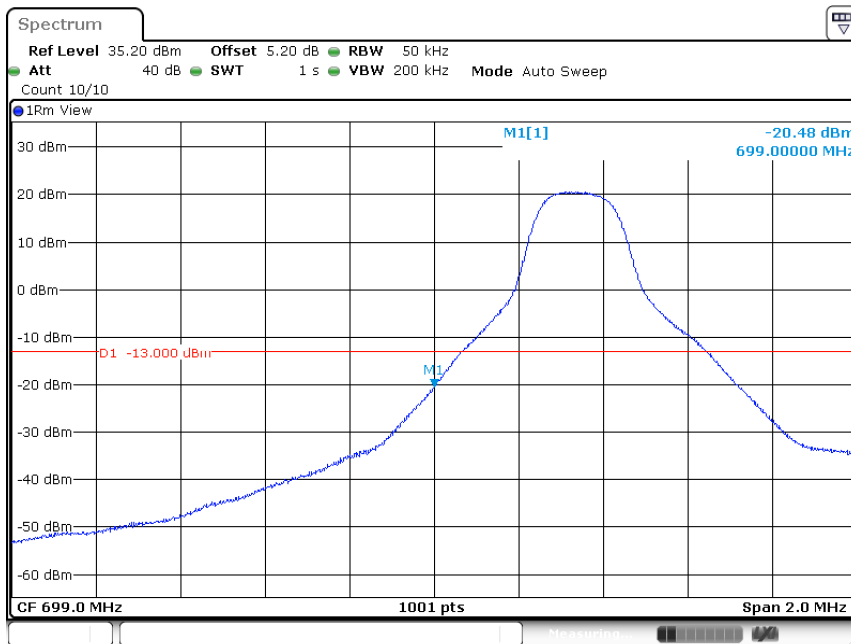
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Band12-3MHz-16QAM-23165-15RB#0



Date: 3.DEC.2020 20:53:39

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

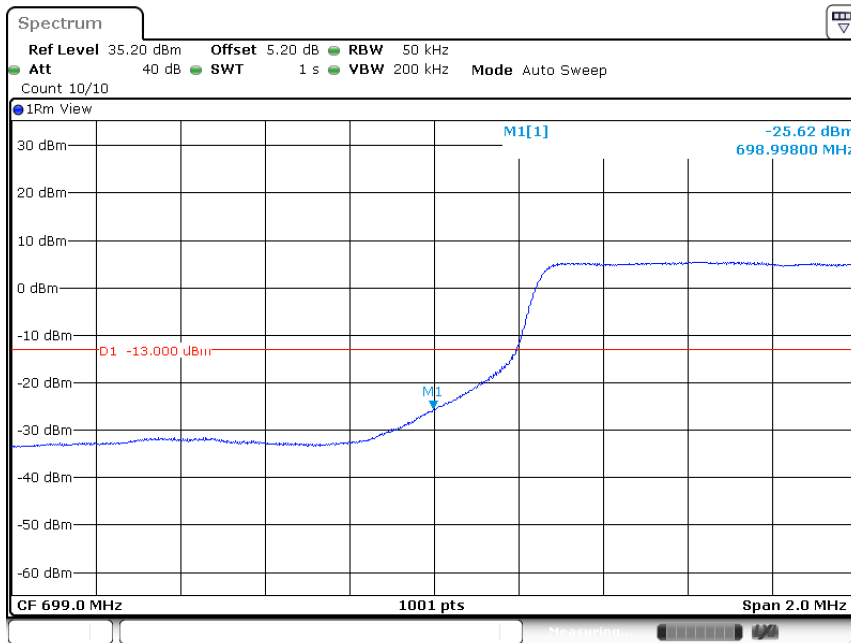


Date: 3.DEC.2020 20:54:05



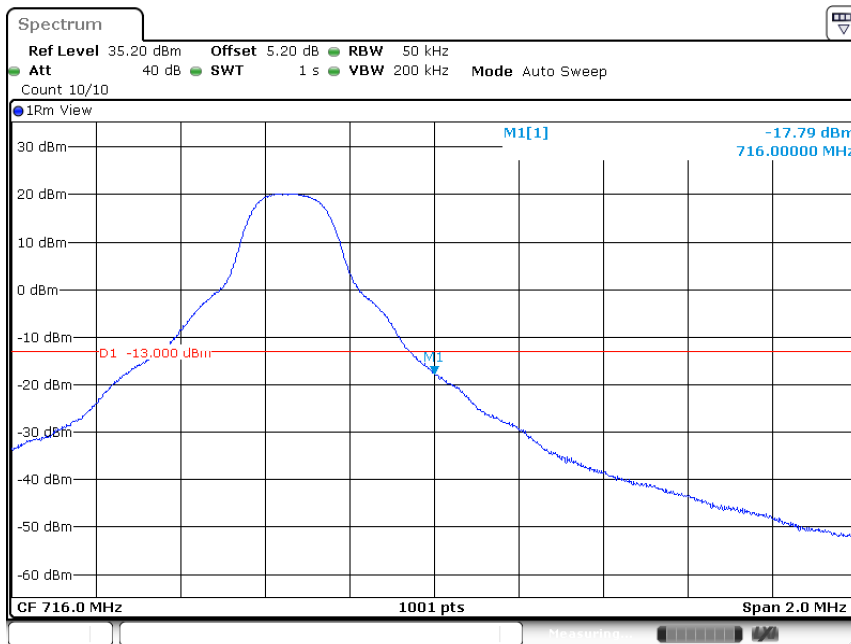
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Band12-5MHz-QPSK-23035-25RB#0



Date: 3.DEC.2020 20:54:46

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

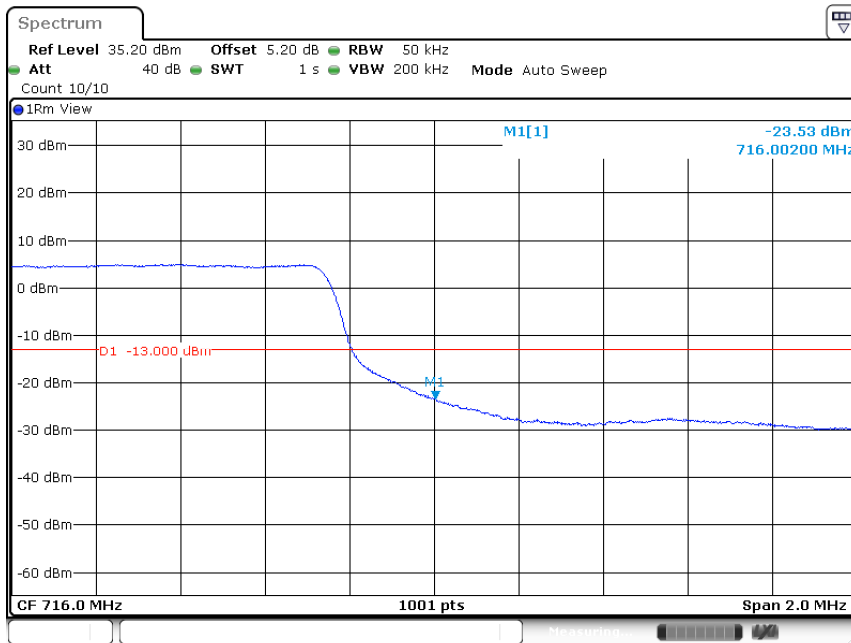


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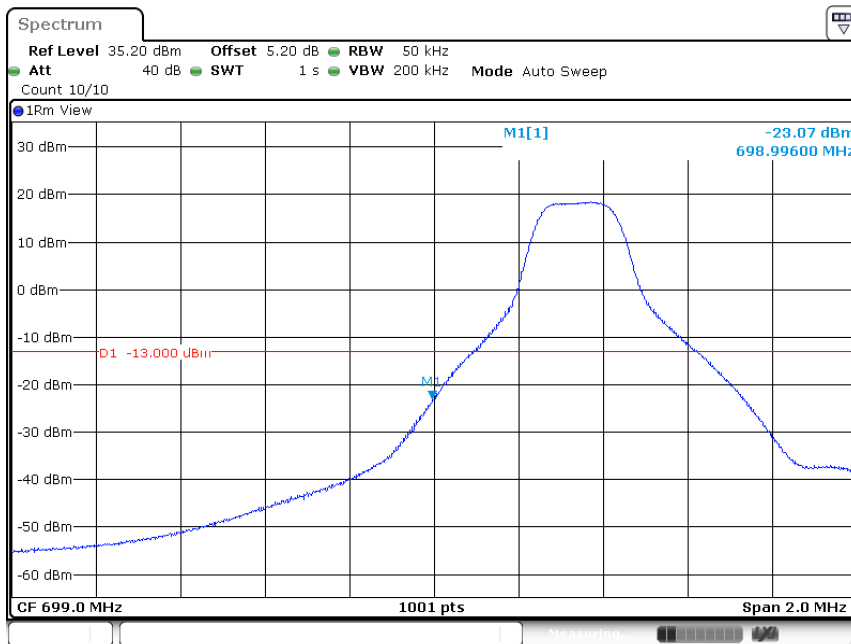
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Band12-5MHz-QPSK-23155-25RB#0



Date: 3.DEC.2020 20:56:12

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



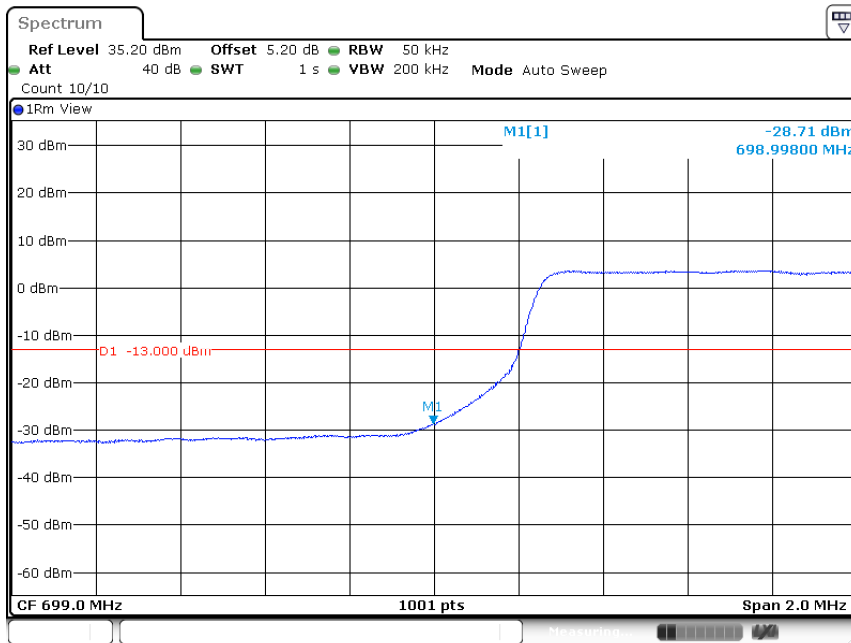
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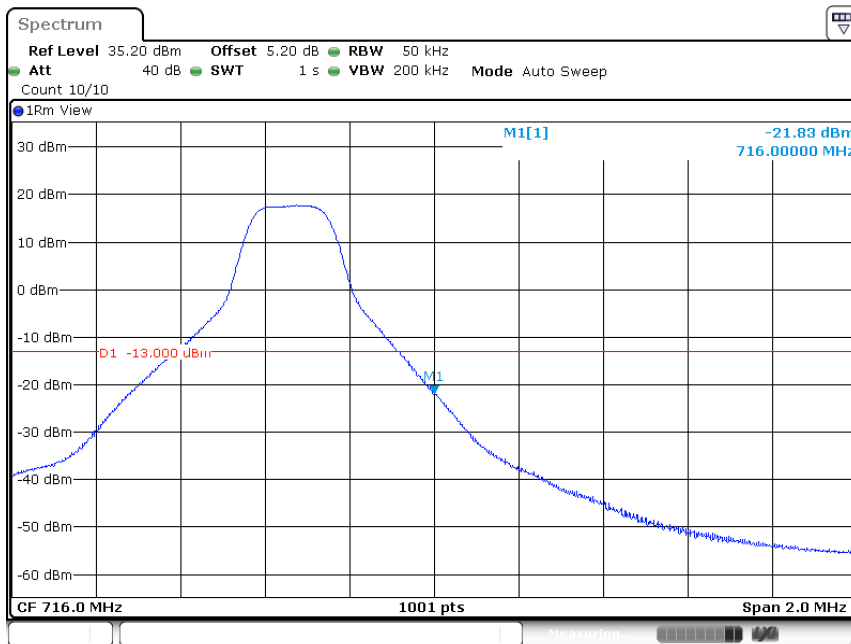
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Date: 4.DEC.2020 22:07:49

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

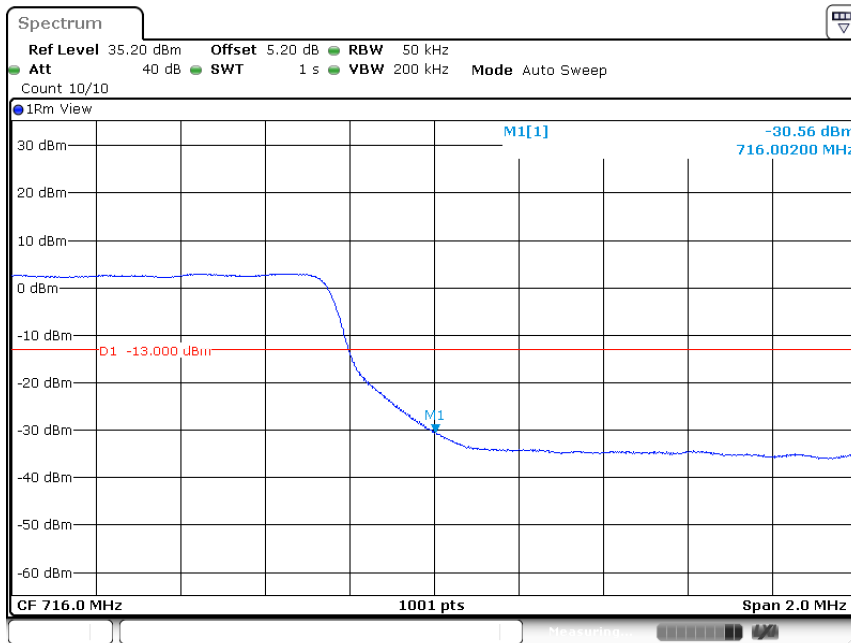


Date: 4.DEC.2020 22:08:15



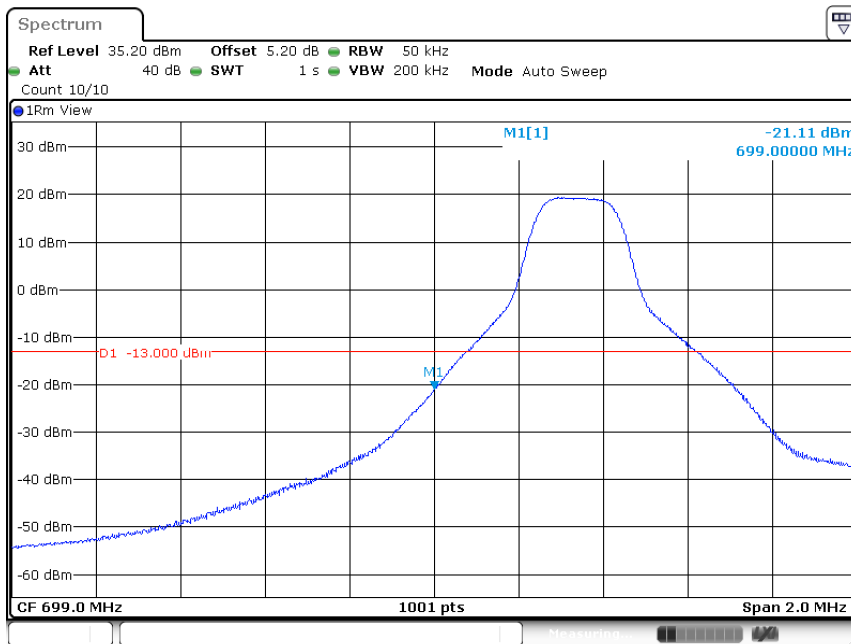
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Date: 4.DEC.2020 22:08:35

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



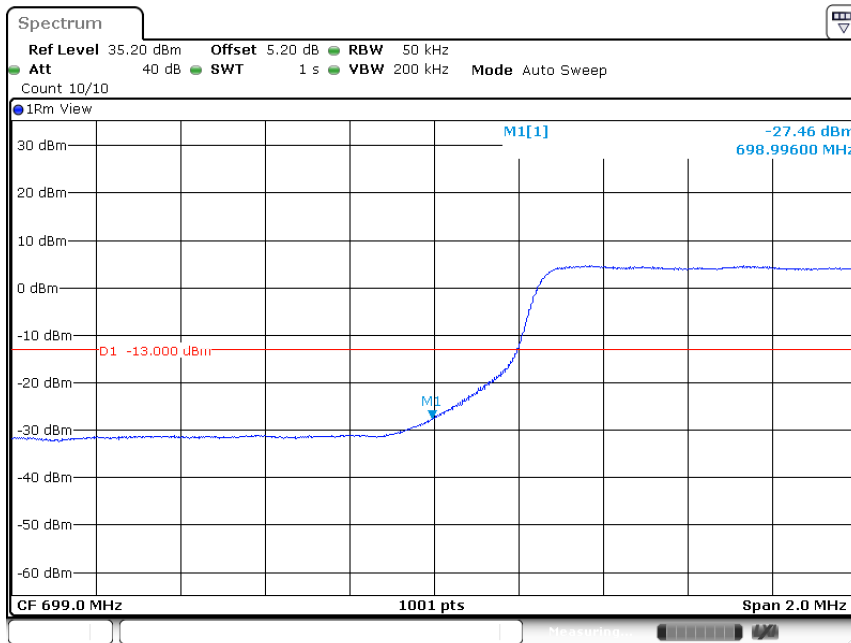
Date: 3.DEC.2020 20:54:25



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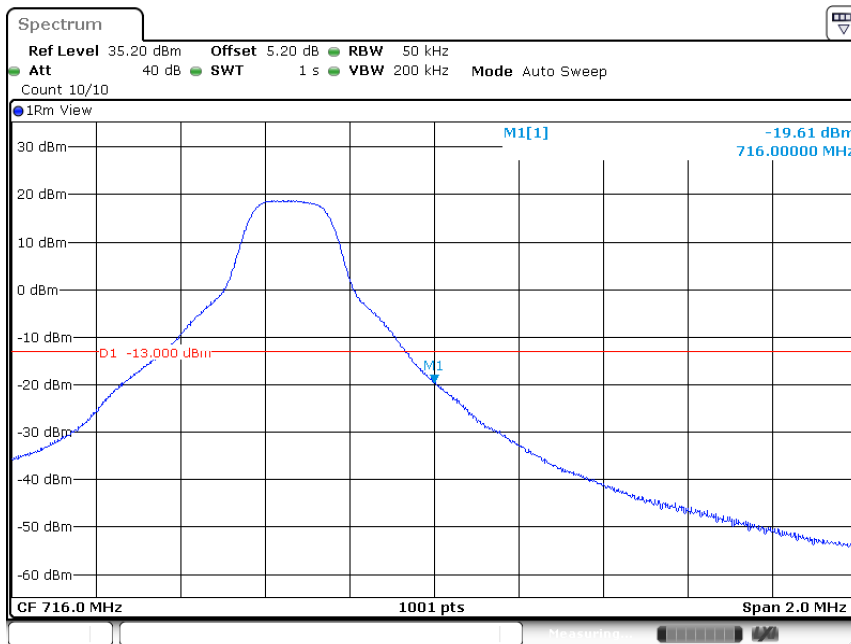
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Band12-5MHz-16QAM-23035-25RB#0



Date: 3.DEC.2020 20:55:06

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

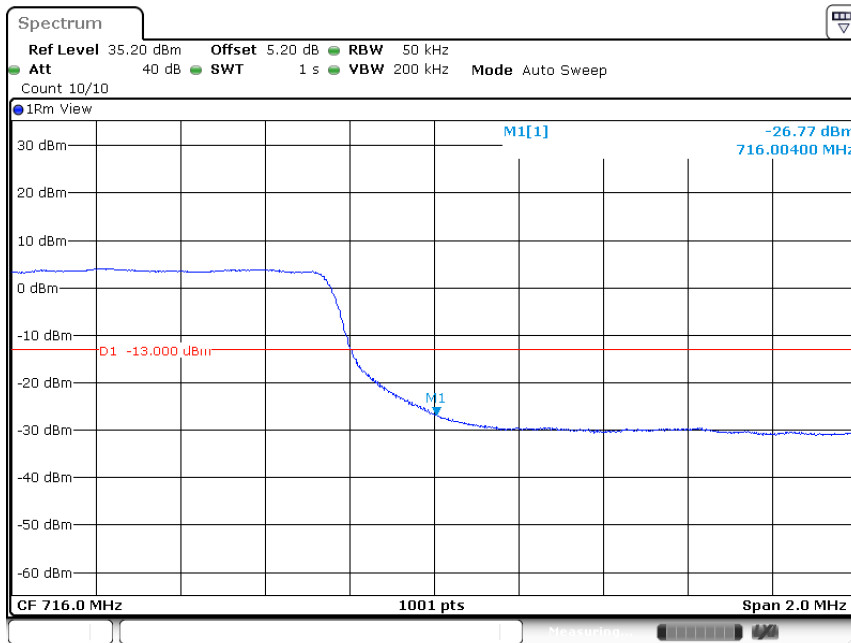


Date: 3.DEC.2020 20:55:51



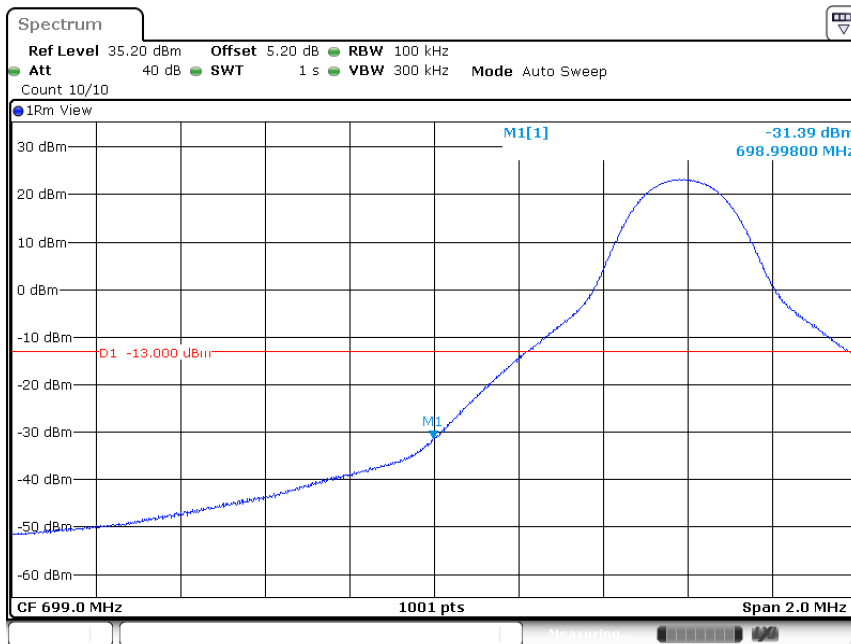
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Band12-5MHz-16QAM-23155-25RB#0



Date: 3.DEC.2020 20:56:32

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

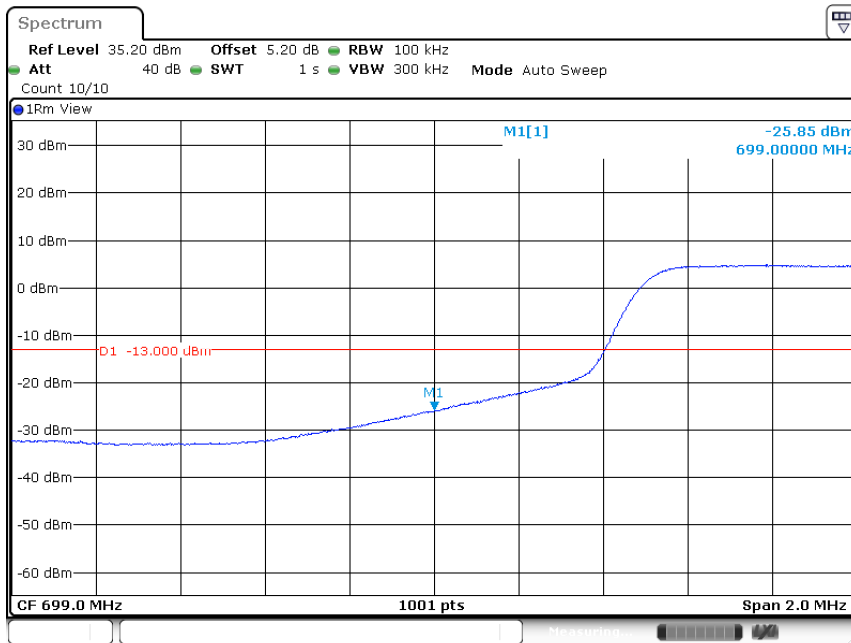


Date: 3.DEC.2020 20:56:58



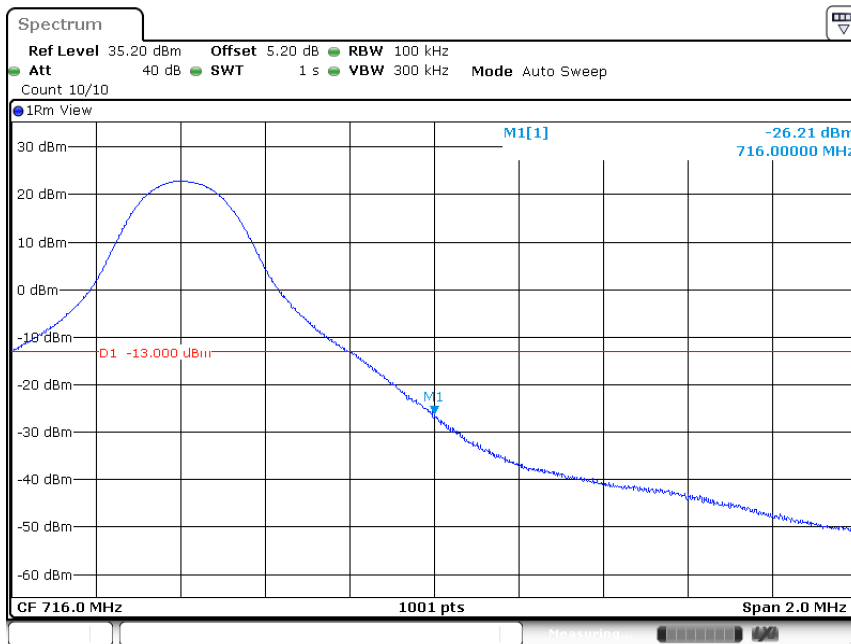
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Band12-10MHz-QPSK-23060-50RB#0



Date: 3.DEC.2020 20:57:39

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



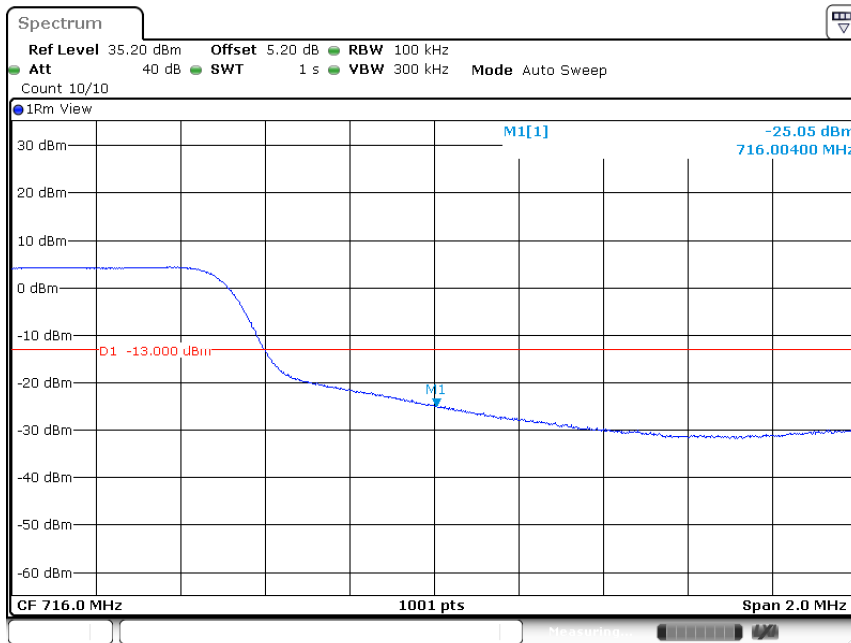
Date: 3.DEC.2020 20:58:24



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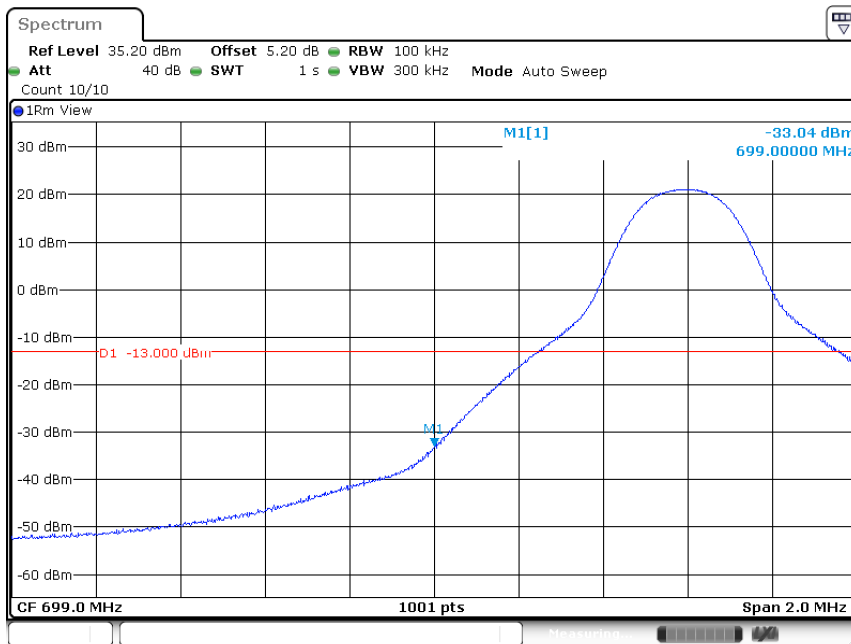
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Band12-10MHz-QPSK-23130-50RB#0



Date: 3.DEC.2020 20:59:05

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



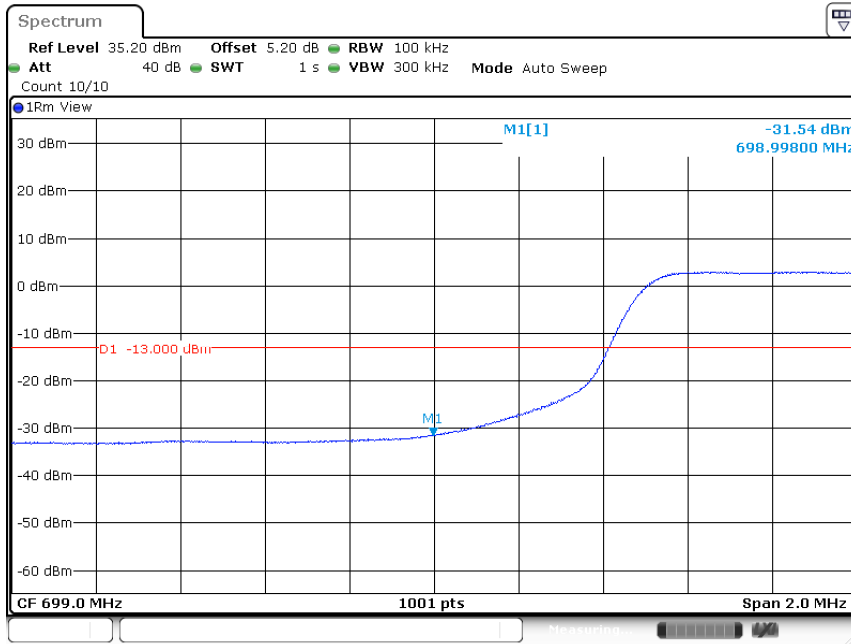
Date: 4.DEC.2020 22:09:00



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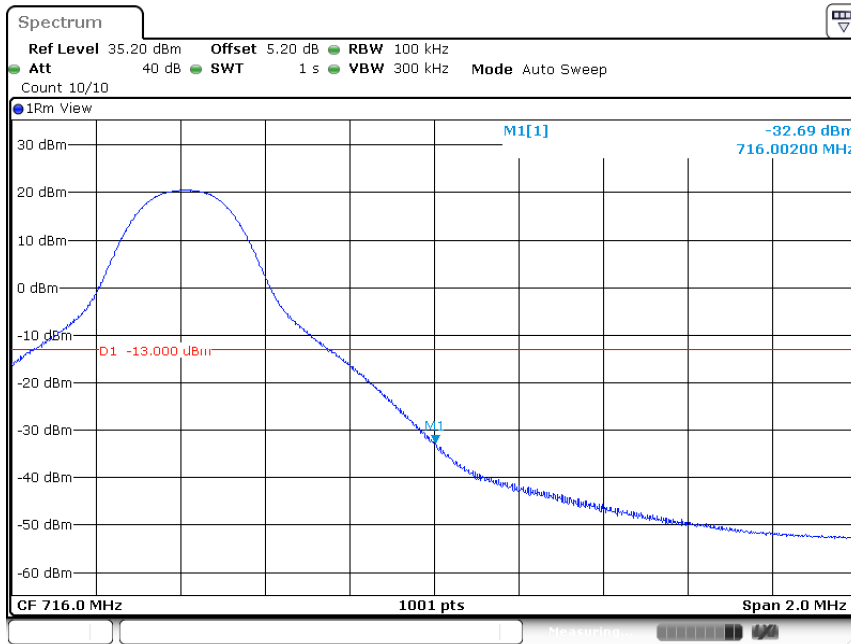
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Band12-10MHz-64QAM-23060-50RB#0



Date: 4.DEC.2020 22:09:21

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



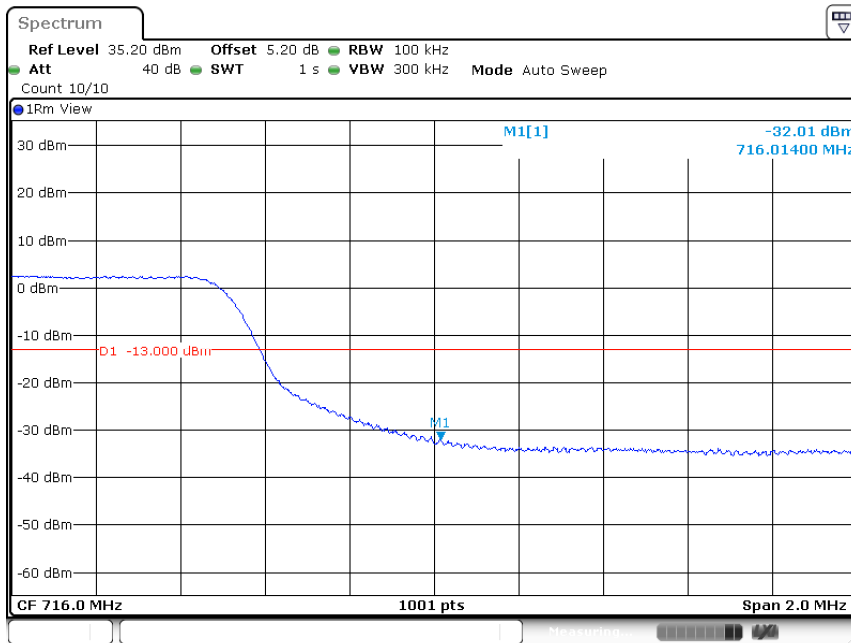
Date: 4.DEC.2020 22:09:49



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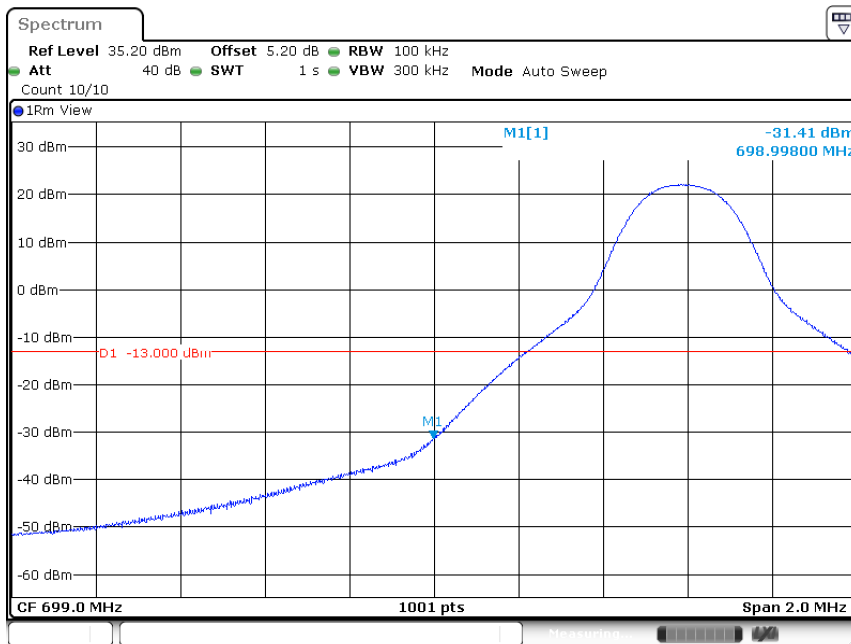
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Band12-10MHz-64QAM-23130-50RB#0



Date: 4.DEC.2020 22:10:09

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



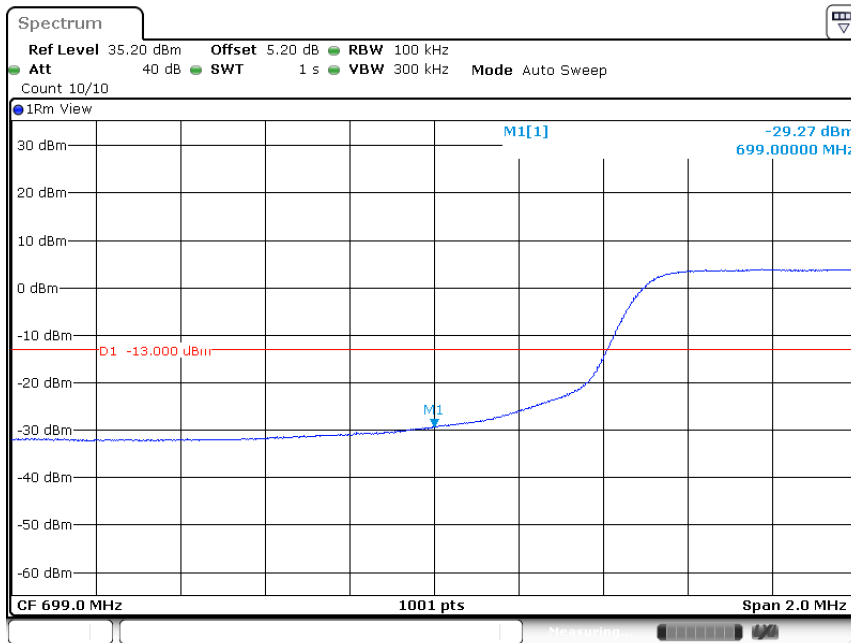
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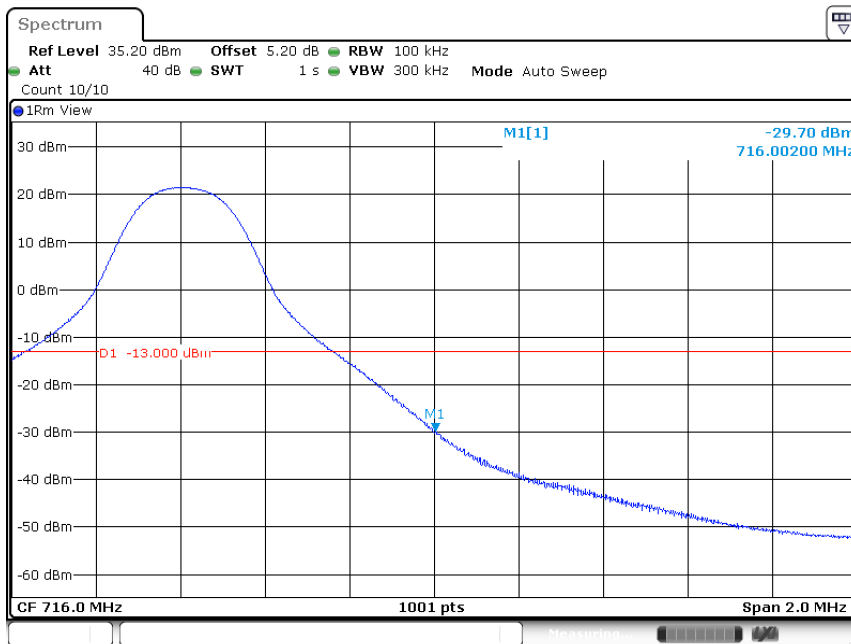
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Band12-10MHz-16QAM-23060-50RB#0



Date: 3.DEC.2020 20:57:59

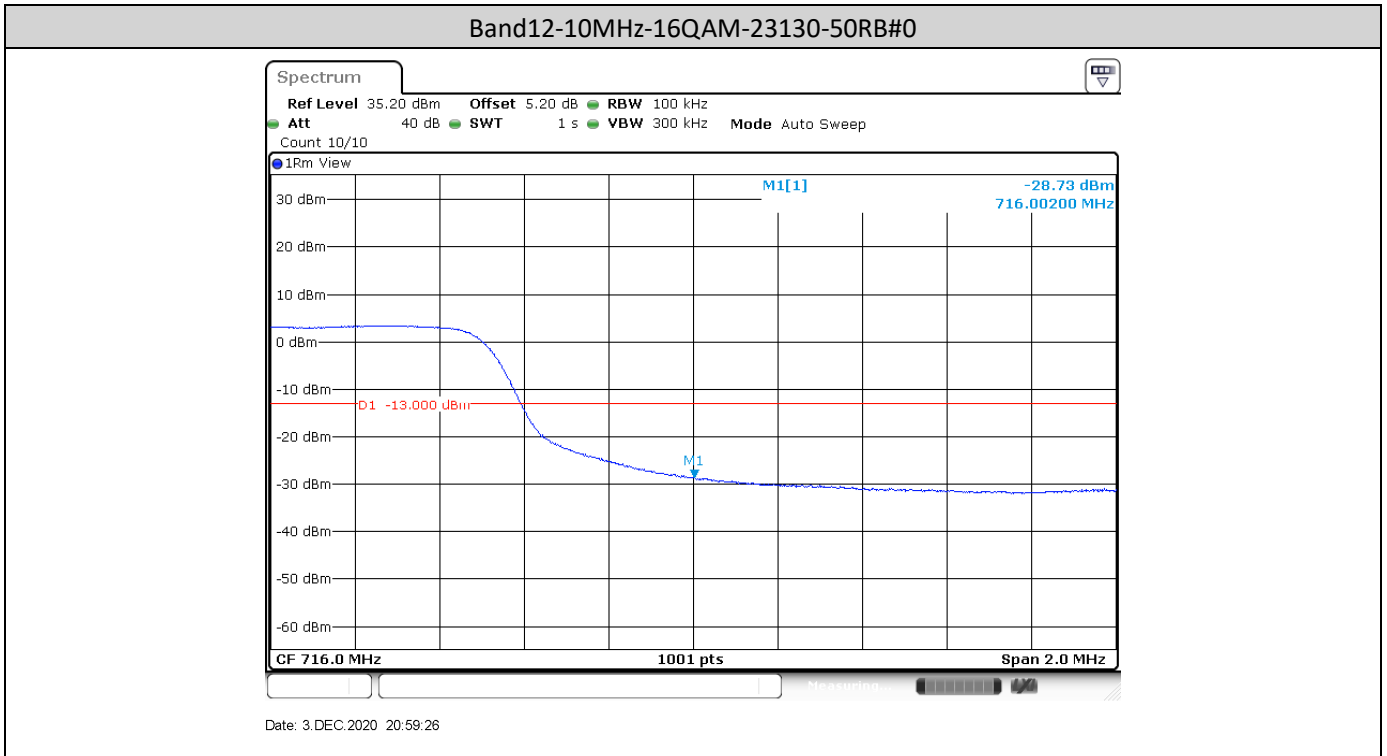
Band12-10MHz-16QAM-23130-1RB#49



Date: 3.DEC.2020 20:58:45



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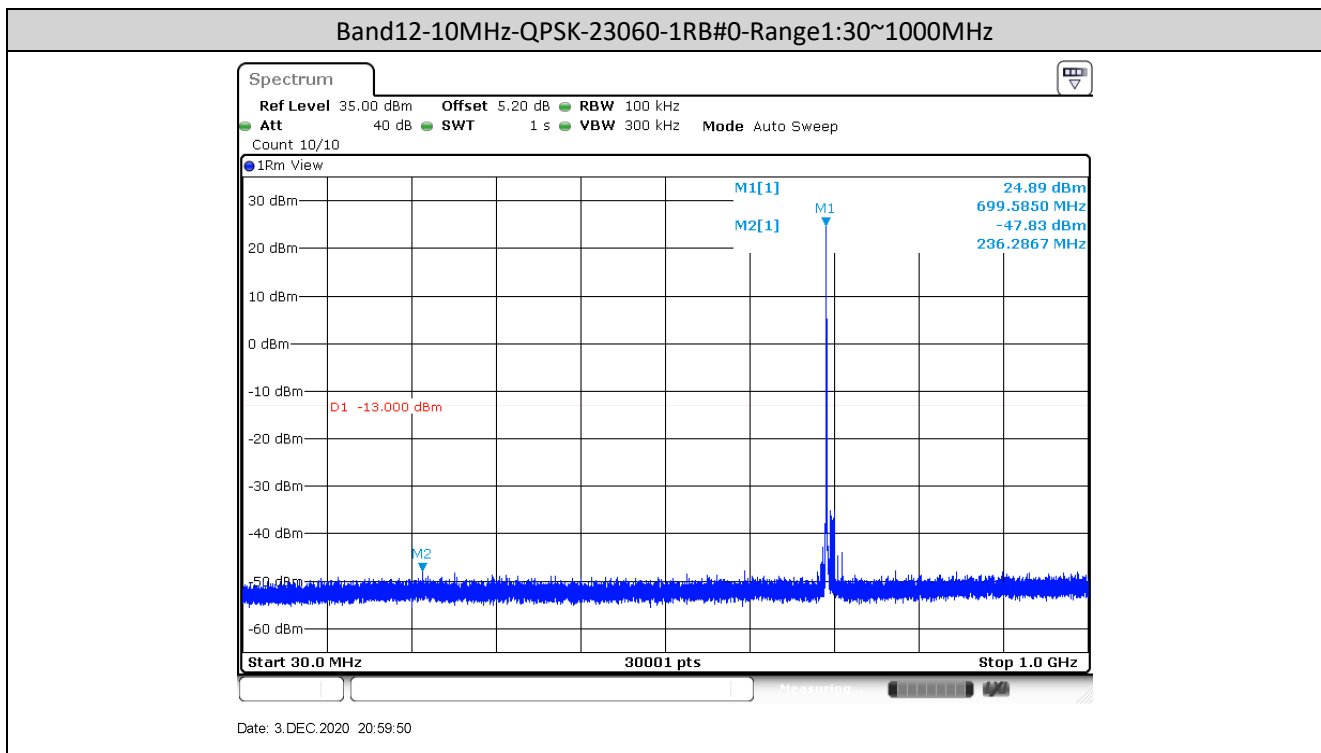
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6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots

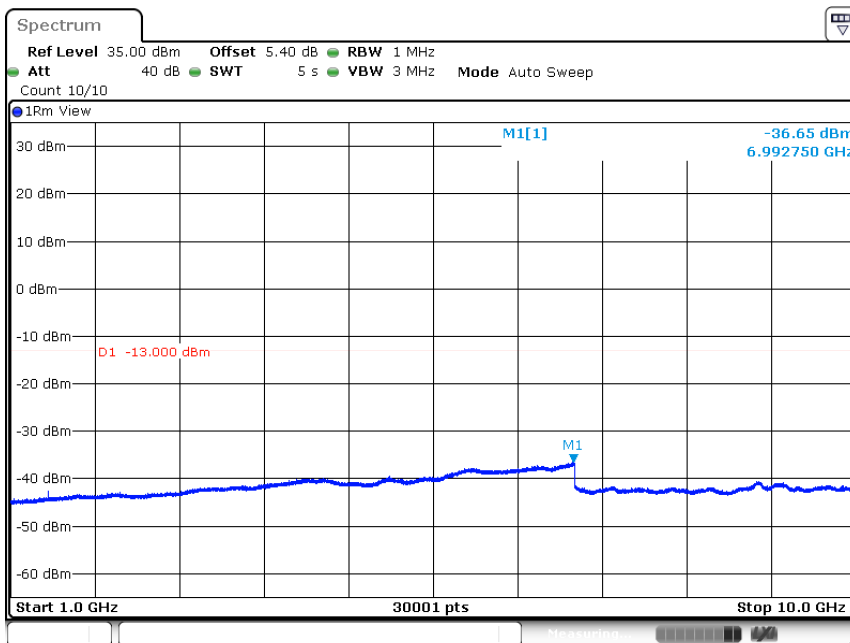


Date: 3.DEC.2020 20:59:50



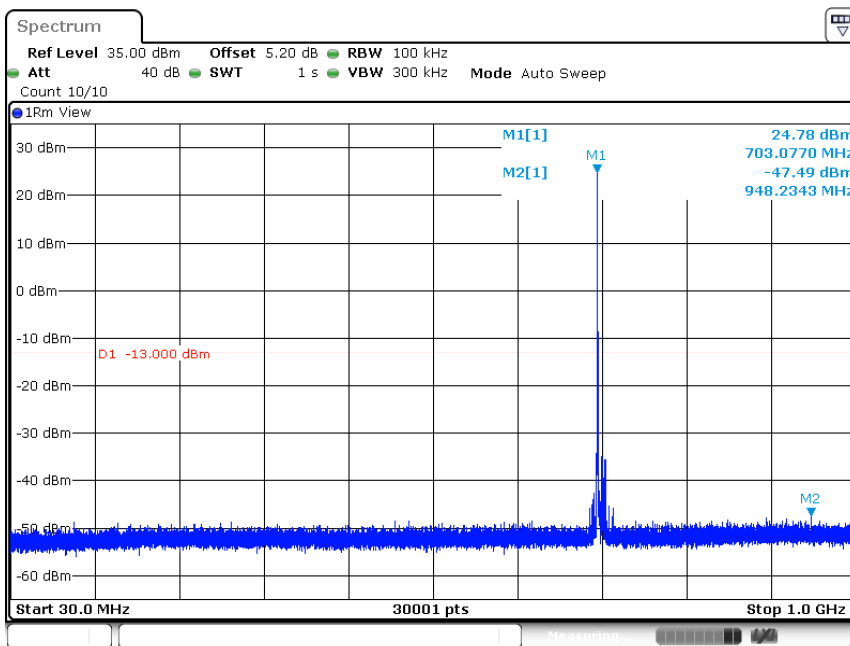
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Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



Date: 3.DEC.2020 21:00:57

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

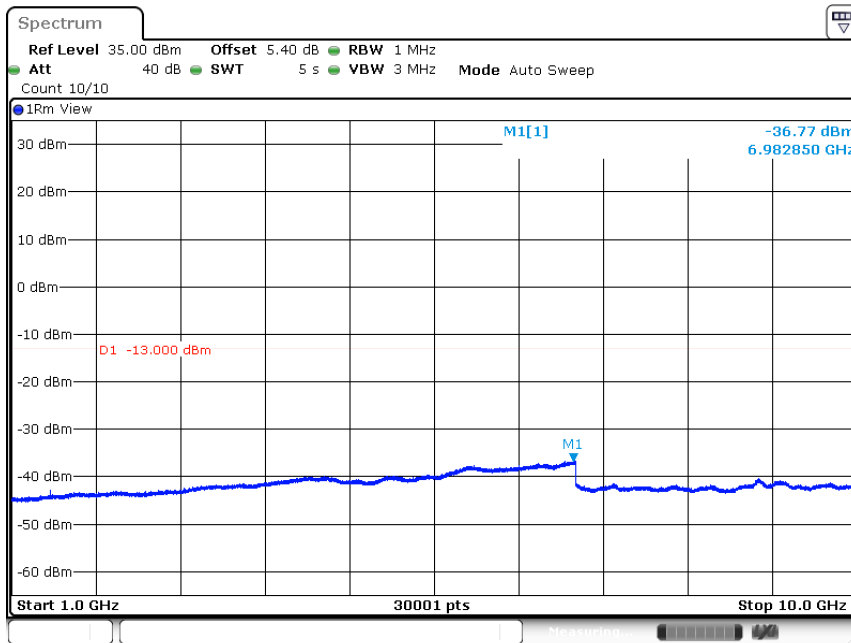


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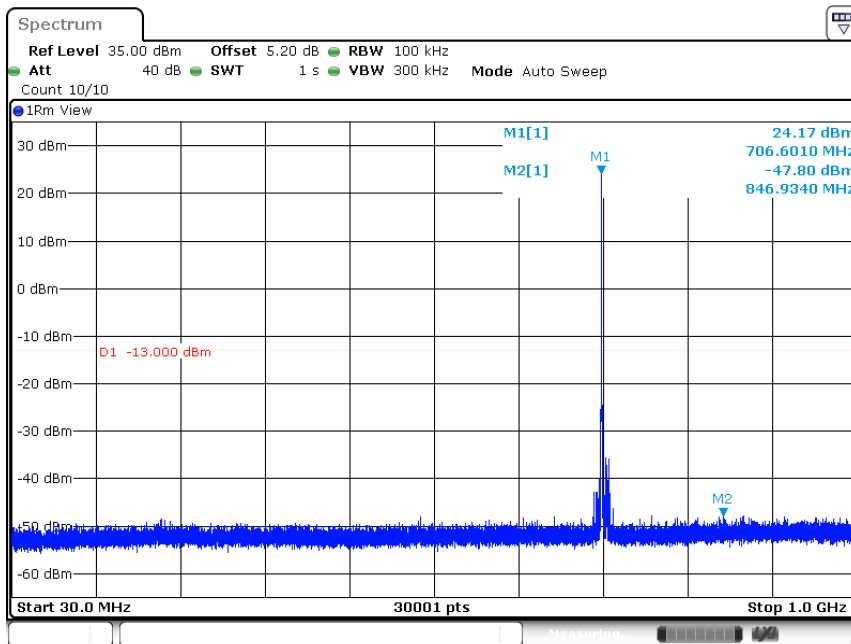
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Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Date: 3.DEC.2020 21:03:51

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

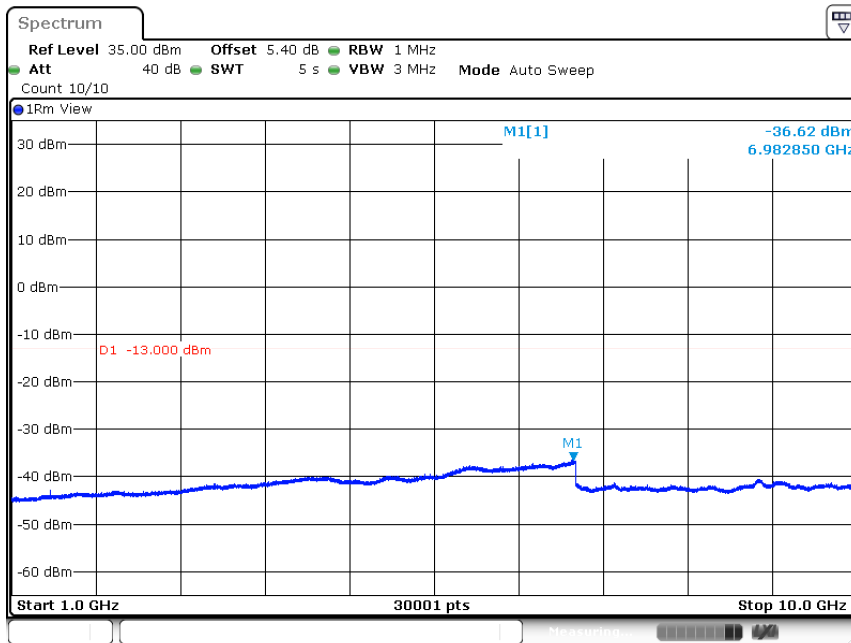


Date: 3.DEC.2020 21:05:38



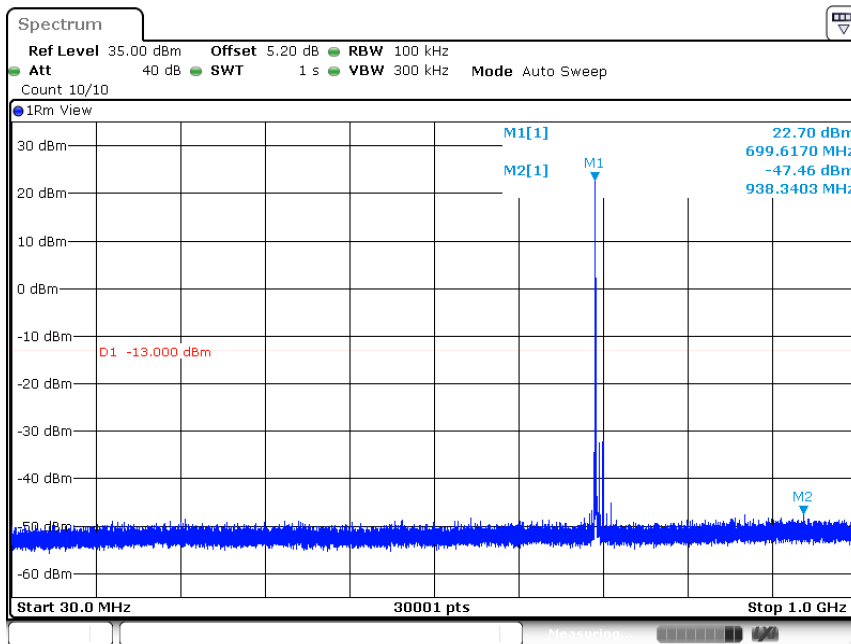
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Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



Date: 3.DEC.2020 21:06:46

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

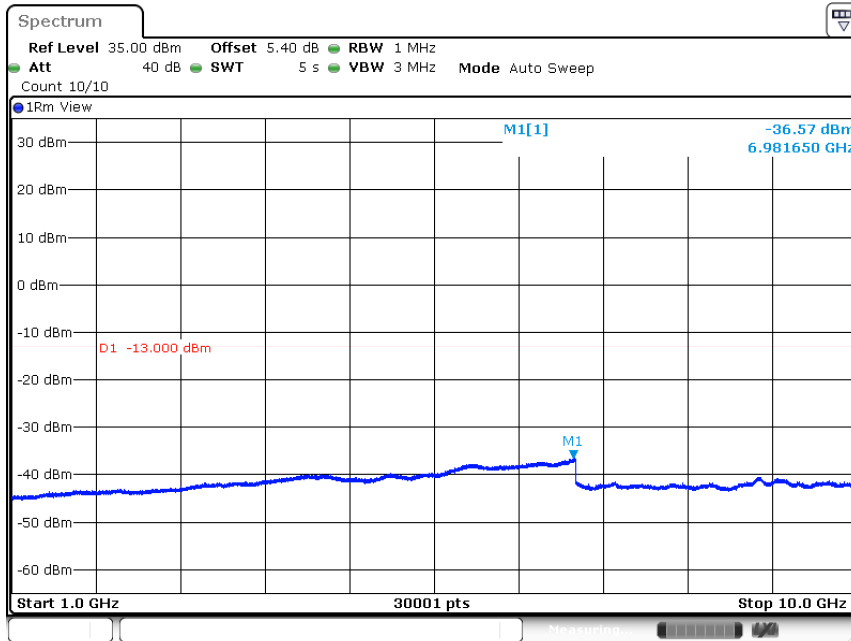


Date: 4.DEC.2020 22:10:33



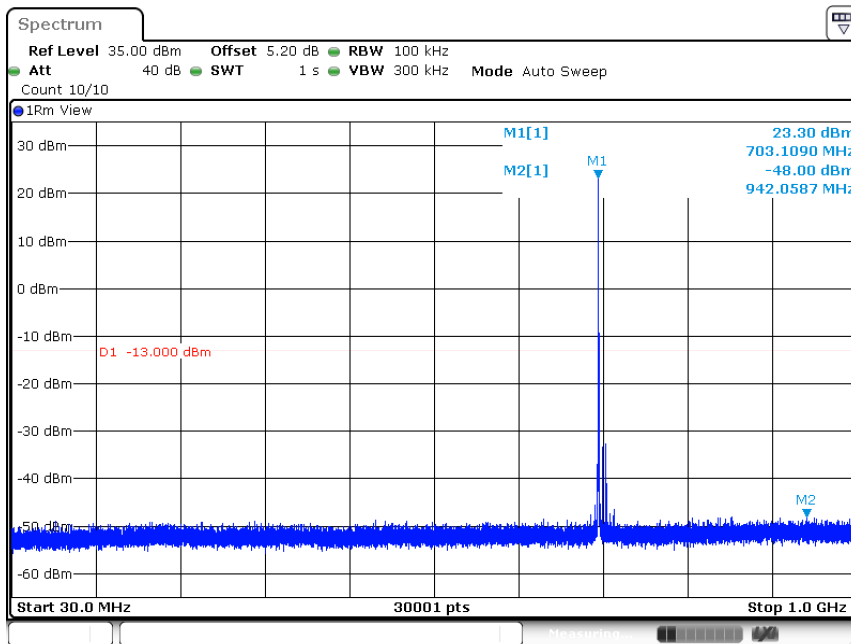
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Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 4.DEC.2020 22:11:41

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

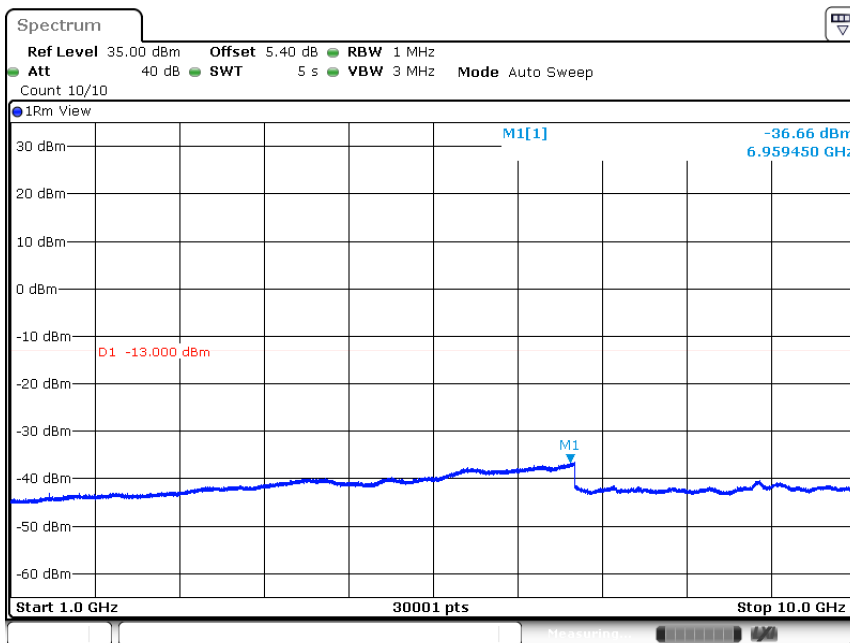


Date: 4.DEC.2020 22:12:01



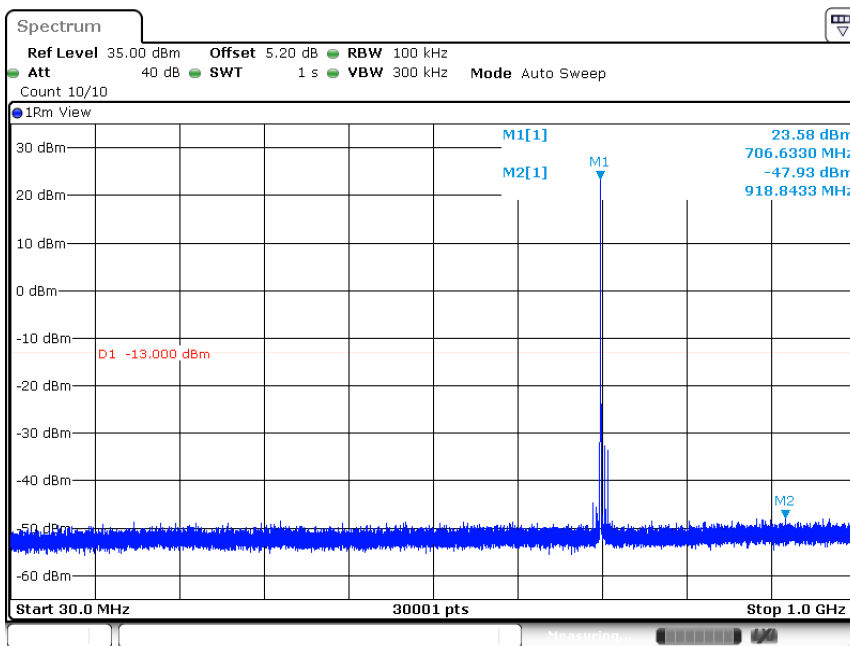
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Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 4.DEC.2020 22:13:08

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

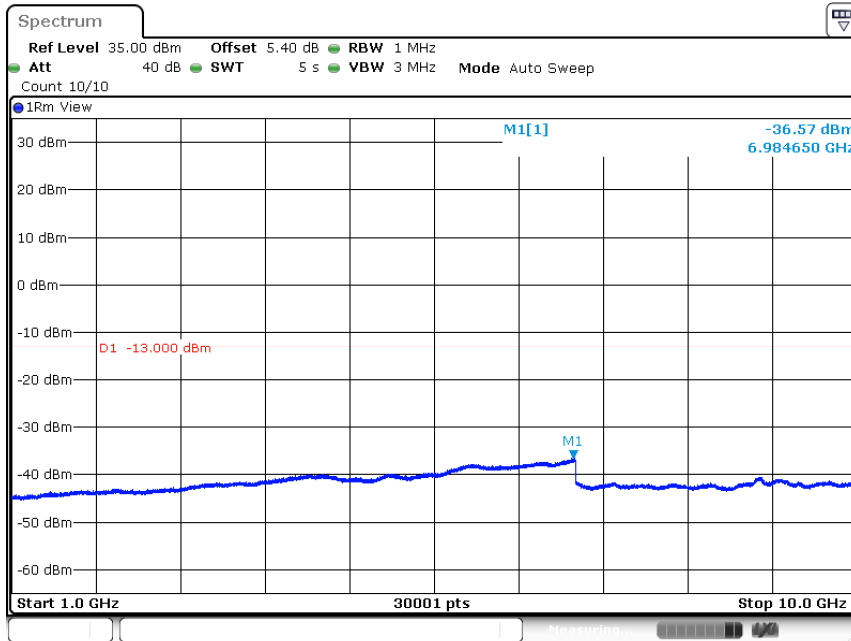


Date: 4.DEC.2020 22:13:28



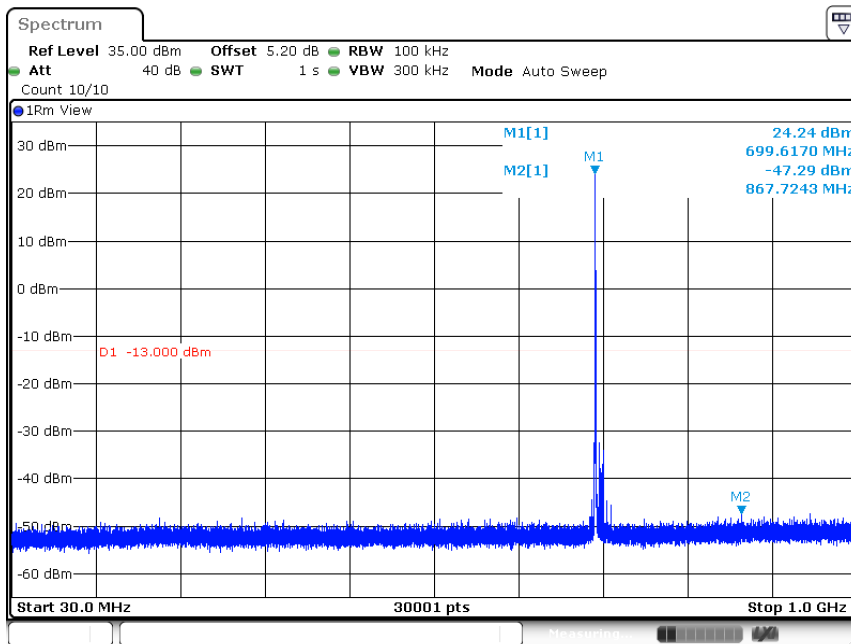
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Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz



Date: 4.DEC.2020 22:14:35

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

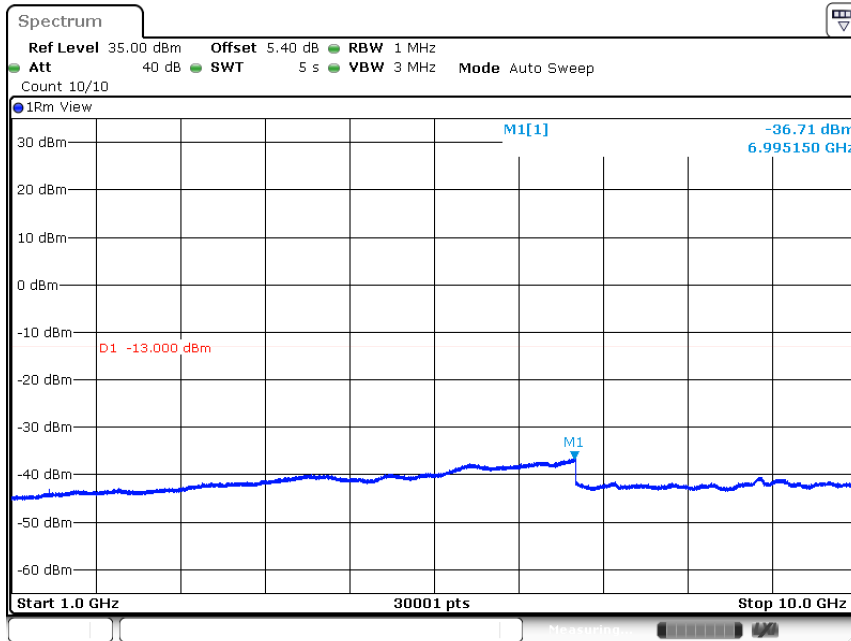


Date: 3.DEC.2020 21:01:17



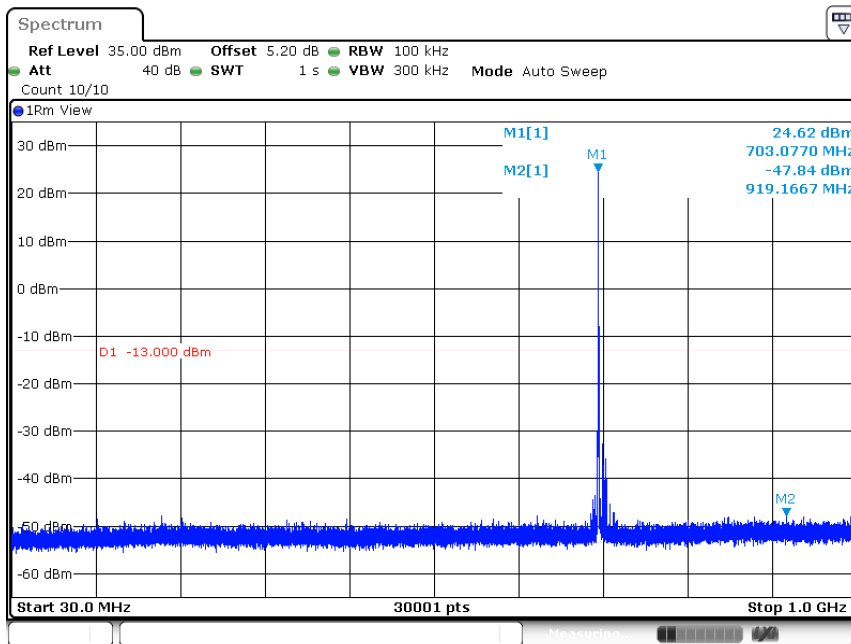
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Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



Date: 3.DEC.2020 21:02:24

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



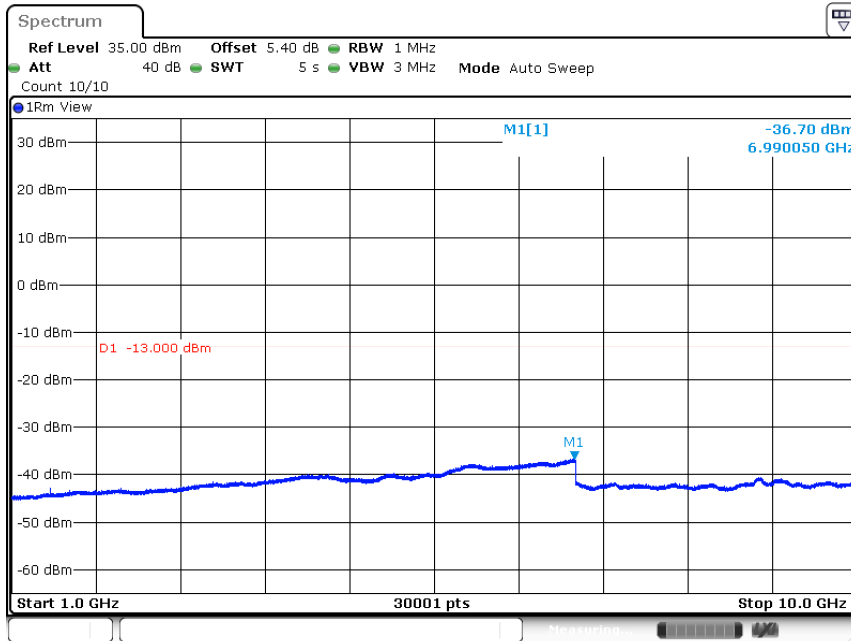
Date: 3.DEC.2020 21:04:11



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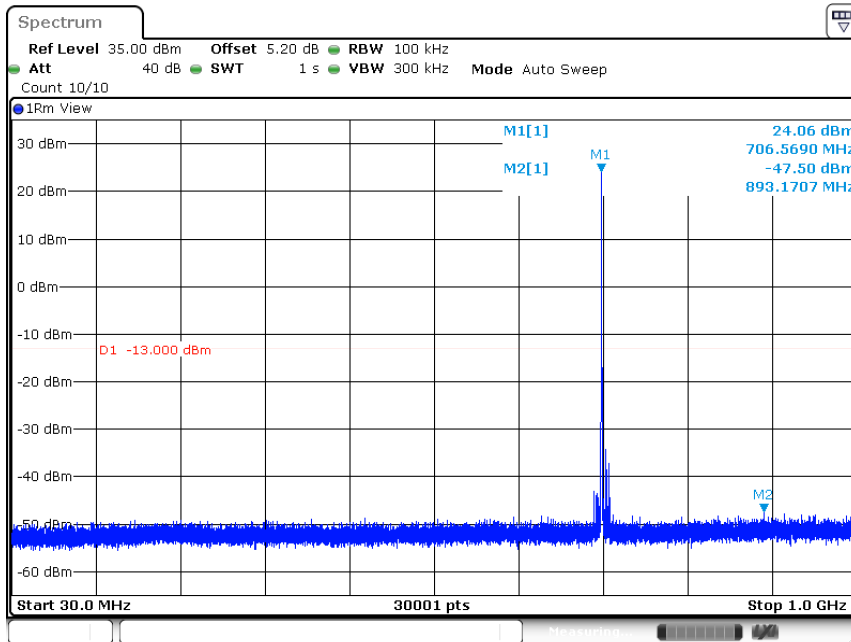
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Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Date: 3.DEC.2020 21:05:18

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

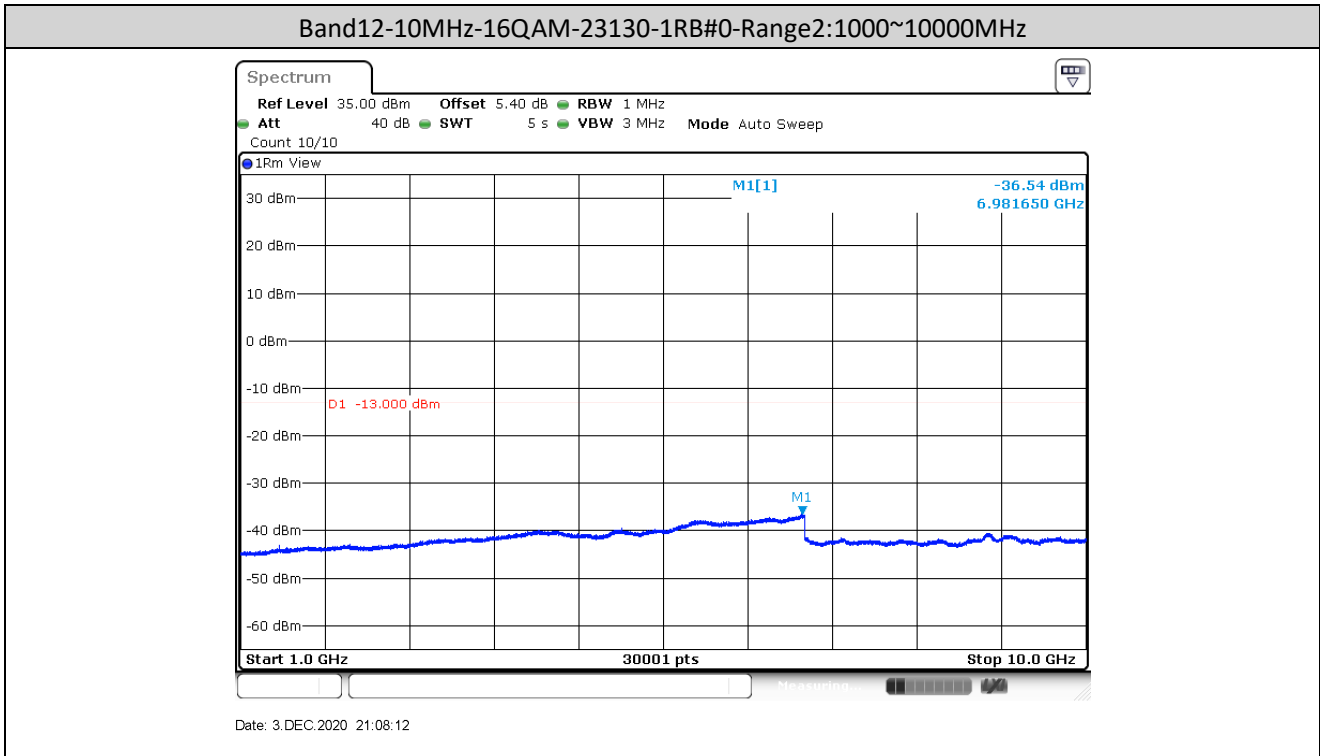


Date: 3.DEC.2020 21:07:05



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7. Field Strength of Spurious Radiation

7.1. Test Band = LTE_12_TM1 CONFIG 0

7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.1370	-61.95	-13.00	48.95	Horizontal
2	234.1952	-67.22	-13.00	54.22	Horizontal
3	404.8267	-67.50	-13.00	54.50	Horizontal
4	1746.1492	-60.56	-13.00	47.56	Horizontal
5	2702.7405	-54.69	-13.00	41.69	Horizontal
6	9326.5731	-52.17	-13.00	39.17	Horizontal



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7.2. Test Band = LTE_12_TM1 CONFIG 0

7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.7890	-70.80	-13.00	57.80	Vertical
2	110.9991	-64.45	-13.00	51.45	Vertical
3	378.9749	-66.80	-13.00	53.80	Vertical
4	1749.7500	-60.67	-13.00	47.67	Vertical
5	2480.2961	-54.24	-13.00	41.24	Vertical
6	9557.0223	-51.77	-13.00	38.77	Vertical



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7.3. Test Band = LTE_12_TM1 CONFIG 0

7.3.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-63.00	-13.00	50.00	Horizontal
2	236.8628	-67.36	-13.00	54.36	Horizontal
3	495.7203	-66.00	-13.00	53.00	Horizontal
4	2479.0958	-50.61	-13.00	37.61	Horizontal
5	5126.9651	-61.34	-13.00	48.34	Horizontal
6	9312.0125	-52.12	-13.00	39.12	Horizontal



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7.4. Test Band = LTE_12_TM1 CONFIG 0

7.4.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.4980	-70.34	-13.00	57.34	Vertical
2	113.5697	-64.25	-13.00	51.25	Vertical
3	349.8250	-68.45	-13.00	55.45	Vertical
4	2683.1366	-55.96	-13.00	42.96	Vertical
5	5034.2814	-62.06	-13.00	49.06	Vertical
6	9309.2124	-52.06	-13.00	39.06	Vertical



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7.5. Test Band = LTE_12_TM1 CONFIG 0

7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	46.1028	-63.70	-13.00	50.70	Horizontal
2	236.8143	-67.49	-13.00	54.49	Horizontal
3	513.9087	-64.74	-13.00	51.74	Horizontal
4	1746.1492	-59.38	-13.00	46.38	Horizontal
5	2479.8960	-53.11	-13.00	40.11	Horizontal
6	9327.6931	-52.09	-13.00	39.09	Horizontal



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7.6. Test Band = LTE_12_TM1 CONFIG 0

7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	49.3040	-72.35	-13.00	59.35	Vertical
2	107.4099	-63.96	-13.00	50.96	Vertical
3	390.9550	-67.87	-13.00	54.87	Vertical
4	1746.1492	-58.24	-13.00	45.24	Vertical
5	2481.0962	-47.50	-13.00	34.50	Vertical
6	9325.1730	-52.22	-13.00	39.22	Vertical



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7.7. Test Band = LTE_12_TM1 CONFIG 1

7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.3867	-63.38	-13.00	50.38	Horizontal
2	239.7245	-67.32	-13.00	54.32	Horizontal
3	1398.8798	-58.12	-13.00	45.12	Horizontal
4	2699.9400	-54.68	-13.00	41.68	Horizontal
5	5093.9238	-60.70	-13.00	47.70	Horizontal
6	9321.2529	-51.97	-13.00	38.97	Horizontal



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7.8. Test Band = LTE_12_TM1 CONFIG 1

7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	51.1956	-71.54	-13.00	58.54	Vertical
2	112.5996	-63.61	-13.00	50.61	Vertical
3	324.4582	-68.20	-13.00	55.20	Vertical
4	1399.2799	-59.73	-13.00	46.73	Vertical
5	2457.4915	-54.25	-13.00	41.25	Vertical
6	9870.9148	-51.59	-13.00	38.59	Vertical



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7.9. Test Band = LTE_12_TM1 CONFIG 1

7.9.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.8460	-63.26	-13.00	50.26	Horizontal
2	234.6317	-67.58	-13.00	54.58	Horizontal
3	1406.0812	-57.65	-13.00	44.65	Horizontal
4	2700.3401	-54.69	-13.00	41.69	Horizontal
5	5133.4053	-60.61	-13.00	47.61	Horizontal
6	9341.6937	-52.00	-13.00	39.00	Horizontal



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7.10. Test Band = LTE_12_TM1 CONFIG 1

7.10.1. Test Channel = Mid Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	71.2271	-65.89	-13.00	52.89	Vertical
2	107.1674	-64.10	-13.00	51.10	Vertical
3	1406.0812	-61.46	-13.00	48.46	Vertical
4	3000.0000	-54.56	-13.00	41.56	Vertical
5	5072.3629	-61.03	-13.00	48.03	Vertical
6	9901.4361	-51.22	-13.00	38.22	Vertical



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7.11. Test Band = LTE_12_TM1 CONFIG 1

7.11.1. Test Channel = Hihg Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.4052	-63.36	-13.00	50.36	Horizontal
2	232.3036	-67.11	-13.00	54.11	Horizontal
3	1413.2827	-59.35	-13.00	46.35	Horizontal
4	2119.8240	-55.75	-13.00	42.75	Horizontal
5	5097.0039	-60.91	-13.00	47.91	Horizontal
6	9329.6532	-51.69	-13.00	38.69	Horizontal



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7.12. Test Band = LTE_12_TM1 CONFIG 1

7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	107.5554	-63.77	-13.00	50.77	Vertical
2	328.3869	-68.57	-13.00	55.57	Vertical
3	1412.8826	-60.31	-13.00	47.31	Vertical
4	2119.8240	-57.30	-13.00	44.30	Vertical
5	5075.4430	-61.17	-13.00	48.17	Vertical
6	9894.4358	-51.32	-13.00	38.32	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						Verdict
					Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)		
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-1.80	-0.002557	±2.5	PASS	
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	10.30	0.014631	±2.5	PASS	
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.00	0.001420	±2.5	PASS	
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-1.80	-0.002544	±2.5	PASS	
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-2.30	-0.003251	±2.5	PASS	
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-1.30	-0.001837	±2.5	PASS	
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-8.50	-0.011955	±2.5	PASS	
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS	
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.30	-0.003235	±2.5	PASS	
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-6.00	-0.008523	±2.5	PASS	
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	3.80	0.005398	±2.5	PASS	
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	0.10	0.000142	±2.5	PASS	
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	3.10	0.004382	±2.5	PASS	
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-6.00	-0.008481	±2.5	PASS	
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	3.10	0.004382	±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	1.00	0.001406	±2.5	PASS	
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-4.00	-0.005626	±2.5	PASS	
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	1.90	0.002699	±2.5	PASS	
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	3.80	0.005398	±2.5	PASS	
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	3.20	0.004545	±2.5	PASS	
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	-3.00	-0.004240	±2.5	PASS	
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	1.10	0.001555	±2.5	PASS	
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	-5.80	-0.008198	±2.5	PASS	
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-3.70	-0.005204	±2.5	PASS	
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	-1.20	-0.001688	±2.5	PASS	
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	0.50	0.000703	±2.5	PASS	



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8.2. Frequency Vs Temperature

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	5.70	0.008097	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	6.50	0.009233	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-0.70	-0.000994	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	3.20	0.004545	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	5.70	0.008097	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-1.00	-0.001420	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	1.40	0.001989	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-5.50	-0.007813	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	4.10	0.005795	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	3.30	0.004664	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	3.80	0.005371	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	2.80	0.003958	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-3.10	-0.004382	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	2.30	0.003251	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	2.00	0.002827	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-2.80	-0.003958	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	0.70	0.000985	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	1.80	0.002532	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-0.90	-0.001266	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	1.70	0.002391	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-1.00	-0.001406	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-1.40	-0.001969	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-5.00	-0.007032	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-3.30	-0.004641	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	0.70	0.000985	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	5.30	0.007528	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-2.50	-0.003551	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	1.80	0.002557	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-0.40	-0.000568	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	3.30	0.004688	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	2.50	0.003551	±2.5	PASS



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Band12	10MHz	16QAM	23060	50RB#0	NV	30	-0.30	-0.000426	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	5.40	0.007670	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	1.20	0.001705	±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	-20	-2.70	-0.003816	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	1.80	0.002544	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-6.20	-0.008763	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-2.10	-0.002968	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	0.90	0.001272	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-1.10	-0.001555	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-0.10	-0.000141	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	0.60	0.000844	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	3.40	0.004782	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	1.20	0.001688	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	3.30	0.004641	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	0.40	0.000563	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	0.90	0.001266	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	4.70	0.006610	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	4.90	0.006892	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	-0.70	-0.000994	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	0.80	0.001136	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-10	-0.70	-0.000994	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	4.90	0.006960	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	-2.30	-0.003267	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	2.70	0.003835	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	0.40	0.000568	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	1.40	0.001989	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	-1.50	-0.002131	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	2.10	0.002968	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	5.10	0.007208	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-10	3.00	0.004240	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	2.50	0.003534	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	-2.00	-0.002827	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	2.20	0.003110	±2.5	PASS



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Band12	10MHz	64QAM	23095	50RB#0	NV	40	-3.20	-0.004523	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	-1.80	-0.002544	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	2.50	0.003516	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-10	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	6.10	0.008579	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	0.40	0.000563	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	7.90	0.011111	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-2.30	-0.003235	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-0.90	-0.001266	±2.5	PASS



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