



# Appendix B

## E-UTRA Band 12



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**CONTENT**

**1 EFFECTIVE (ISOTROPIC) RADIATED POWER ..... 3**

1.1. TEST RESULT FOR ANT0 ..... 3

1.2. TEST RESULT FOR ANT1 ..... 8

**2. PEAK-TO-AVERAGE RATIO (CCDF) .....15**

2.1. TEST RESULT ..... 15

2.2. TEST PLOTS..... 15

**3. MODULATION CHARACTERISTICS .....20**

3.1. TEST MODE = LTE /TM1 10MHZ..... 20

3.1.1. TEST CHANNEL = MCH..... 20

3.2. TEST MODE = LTE /TM2 10MHZ..... 21

3.2.1. TEST CHANNEL = MCH..... 21

3.3. TEST MODE = LTE /TM3 10MHZ..... 22

3.3.1. TEST CHANNEL = MCH..... 22

**4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH .....23**

4.1. TEST RESULT ..... 23

4.2. TEST PLOTS..... 24

**5. BAND EDGE COMPLIANCE .....42**

5.1. TEST PLOTS..... 42

**6. SPURIOUS EMISSION AT ANTENNA TERMINAL .....66**

6.1. TEST PLOTS..... 66

**7. FIELD STRENGTH OF SPURIOUS RADIATION .....75**

7.1. TEST MODE =LTE/TM1 ( ANT0 ) ..... 75

7.1.1. TEST CHANNEL = LCH ..... 75

7.1.2. TEST CHANNEL = MCH..... 75

7.1.3. TEST CHANNEL = HCH..... 76

7.2. TEST MODE =LTE/TM1 ( ANT1 ) ..... 76

7.2.1. TEST CHANNEL = LCH ..... 76

7.2.2. TEST CHANNEL = MCH..... 77

7.2.3. TEST CHANNEL = HCH..... 77

**8. FREQUENCY STABILITY .....78**

8.1. FREQUENCY VS VOLTAGE ..... 78

8.2. FREQUENCY VS TEMPERATURE ..... 78



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result for Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.40	15.65	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.54	15.79	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.47	15.72	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.55	15.80	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#2	23.58	15.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.52	15.77	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.65	14.90	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.51	15.76	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.65	15.90	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.43	15.68	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.49	15.74	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#2	23.55	15.80	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.56	15.81	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.58	14.83	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.46	15.71	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.62	15.87	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.50	15.75	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.51	15.76	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#2	23.56	15.81	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.54	15.79	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.57	14.82	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	22.22	14.47	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.93	14.18	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.99	14.24	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.56	13.81	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#2	21.57	13.82	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.39	13.64	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.85	13.10	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.79	14.04	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.66	13.91	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.30	14.55	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.50	13.75	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#2	21.61	13.86	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.75	14.00	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.64	12.89	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.90	14.15	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.77	14.02	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.21	14.46	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.40	13.65	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#2	21.81	14.06	34.77	PASS



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Band12	1.4MHz	64QAM	23173	3RB#3	21.51	13.76	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.73	12.98	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.36	15.61	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.93	15.18	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.00	15.25	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.55	14.80	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#2	22.58	14.83	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.36	14.61	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.80	14.05	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.77	15.02	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.62	14.87	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.30	15.55	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.49	14.74	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#2	22.63	14.88	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.72	14.97	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.62	13.87	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.89	15.14	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.73	14.98	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.18	15.43	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.41	14.66	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#2	22.75	15.00	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.49	14.74	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.71	13.96	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.64	15.89	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#7	23.65	15.90	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.57	15.82	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.72	14.97	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.72	14.97	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.68	14.93	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.66	14.91	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.66	15.91	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#7	23.55	15.80	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.57	15.82	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.72	14.97	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.75	15.00	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.68	14.93	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.66	14.91	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.62	15.87	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#7	23.51	15.76	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.50	15.75	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.67	14.92	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.61	14.86	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.62	14.87	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.64	14.89	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.79	14.04	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#7	22.25	14.50	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.82	14.07	34.77	PASS



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Band12	3MHz	64QAM	23025	8RB#0	20.78	13.03	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.84	13.09	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.69	12.94	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.69	12.94	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.98	14.23	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#7	21.88	14.13	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.15	14.40	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.71	12.96	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.81	13.06	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.64	12.89	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.71	12.96	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.93	14.18	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#7	21.85	14.10	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.90	14.15	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.73	12.98	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.67	12.92	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.72	12.97	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.59	12.84	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.81	15.06	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#7	23.28	15.53	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.84	15.09	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.77	14.02	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.79	14.04	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.67	13.92	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.68	13.93	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.98	15.23	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#7	22.85	15.10	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.13	15.38	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.72	13.97	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.79	14.04	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.62	13.87	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.73	13.98	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.88	15.13	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#7	22.79	15.04	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.84	15.09	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.68	13.93	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.65	13.90	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.70	13.95	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.62	13.87	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.56	15.81	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#13	23.61	15.86	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.62	15.87	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.70	14.95	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.70	14.95	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.70	14.95	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.73	14.98	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.61	15.86	34.77	PASS



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Band12	5MHz	QPSK	23095	1RB#13	23.60	15.85	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.47	15.72	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.74	14.99	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.74	14.99	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.61	14.86	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.73	14.98	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.47	15.72	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#13	23.57	15.82	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.49	15.74	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.74	14.99	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.63	14.88	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.65	14.90	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.68	14.93	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.92	14.17	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#13	22.33	14.58	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	22.35	14.60	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.71	12.96	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.64	12.89	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.76	13.01	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.72	12.97	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.37	14.62	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#13	21.80	14.05	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.33	14.58	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.84	13.09	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.64	12.89	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.70	12.95	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.64	12.89	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.86	14.11	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#13	22.39	14.64	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	22.28	14.53	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.77	13.02	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.71	12.96	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.73	12.98	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.77	13.02	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.95	15.20	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#13	23.37	15.62	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.32	15.57	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.72	13.97	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.66	13.91	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.76	14.01	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.69	13.94	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.35	15.60	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#13	22.78	15.03	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.37	15.62	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.81	14.06	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.66	13.91	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.69	13.94	34.77	PASS



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Band12	5MHz	16QAM	23095	25RB#0	21.66	13.91	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.87	15.12	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#13	23.35	15.60	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.28	15.53	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.75	14.00	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.69	13.94	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.67	13.92	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.80	14.05	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.64	15.89	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.46	15.71	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.65	15.90	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.67	14.92	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.79	15.04	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.87	15.12	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.77	15.02	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.56	15.81	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.67	15.92	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.57	15.82	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.70	14.95	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.66	14.91	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.72	14.97	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.65	14.90	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.66	15.91	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.67	15.92	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.38	15.63	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.69	14.94	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.64	14.89	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.86	15.11	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.65	14.90	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.99	14.24	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.70	13.95	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.76	14.01	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.77	13.02	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.79	13.04	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.63	12.88	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.80	13.05	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.86	14.11	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.63	13.88	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.49	13.74	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.82	13.07	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.67	12.92	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.70	12.95	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.68	12.93	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	21.92	14.17	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.18	14.43	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.71	13.96	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.76	13.01	34.77	PASS



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Band12	10MHz	64QAM	23130	25RB#12	20.53	12.78	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.61	12.86	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.56	12.81	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.07	15.32	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.73	14.98	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.75	15.00	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.78	14.03	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.80	14.05	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.65	13.90	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.79	14.04	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.87	15.12	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.67	14.92	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.47	14.72	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.77	14.02	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.71	13.96	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.72	13.97	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.72	13.97	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.90	15.15	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.13	15.38	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.66	14.91	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.75	14.00	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.56	13.81	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.65	13.90	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.60	13.85	34.77	PASS

## 1.2. Test Result for Ant1

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.76	19.21	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.85	19.30	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.77	19.22	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.82	19.27	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#2	23.84	19.29	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.87	19.32	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.86	18.31	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.74	19.19	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.83	19.28	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.83	19.28	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.80	19.25	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#2	23.84	19.29	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.78	19.23	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.86	18.31	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.68	19.13	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.80	19.25	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.67	19.12	34.77	PASS



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Band12	1.4MHz	QPSK	23173	3RB#0	23.77	19.22	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#2	23.86	19.31	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.78	19.23	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.88	18.33	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.63	17.08	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.64	17.09	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.53	16.98	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.82	17.27	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#2	21.71	17.16	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.82	17.27	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.81	16.26	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.54	16.99	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.76	17.21	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.63	17.08	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.69	17.14	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#2	21.84	17.29	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.58	17.03	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.85	16.30	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.44	16.89	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.67	17.12	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.53	16.98	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.62	17.07	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#2	21.68	17.13	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.78	17.23	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.71	16.16	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.29	18.74	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.31	18.76	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.65	19.10	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.95	18.40	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#2	23.14	18.59	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.84	18.29	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.89	17.34	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.13	18.58	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.54	18.99	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.26	18.71	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.89	18.34	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#2	22.91	18.36	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.87	18.32	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.93	17.38	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.85	18.30	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.46	18.91	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.21	18.66	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.01	18.46	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#2	22.95	18.40	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.79	18.24	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.90	17.35	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.90	19.35	34.77	PASS

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Band12	3MHz	QPSK	23025	1RB#7	23.97	19.42	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.87	19.32	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.99	18.44	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.97	18.42	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.95	18.40	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.96	18.41	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	24.02	19.47	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#7	23.95	19.40	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.86	19.31	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.00	18.45	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.02	18.47	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.98	18.43	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.89	18.34	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.82	19.27	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#7	23.94	19.39	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.83	19.28	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.92	18.37	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.91	18.36	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.86	18.31	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.85	18.30	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.88	17.33	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#7	21.97	17.42	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.68	17.13	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.85	16.30	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.83	16.28	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.76	16.21	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.94	16.39	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.82	17.27	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#7	21.93	17.38	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.62	17.07	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.83	16.28	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.99	16.44	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.94	16.39	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.75	16.20	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.74	17.19	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#7	21.88	17.33	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.68	17.13	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.85	16.30	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.76	16.21	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.72	16.17	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.68	16.13	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.78	18.23	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#7	23.13	18.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.34	18.79	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.99	17.44	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.06	17.51	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.01	17.46	34.77	PASS



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Band12	3MHz	16QAM	23025	15RB#0	22.07	17.52	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.10	18.55	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#7	23.07	18.52	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.35	18.80	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.02	17.47	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.12	17.57	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.99	17.44	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.10	17.55	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.01	18.46	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#7	23.01	18.46	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.38	18.83	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.04	17.49	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.08	17.53	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.82	17.27	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.03	17.48	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.85	19.30	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#13	24.01	19.46	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.88	19.33	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.01	18.46	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.98	18.43	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.91	18.36	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.97	18.42	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.84	19.29	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#13	23.84	19.29	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.81	19.26	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.02	18.47	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.02	18.47	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.96	18.41	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.95	18.40	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.93	19.38	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#13	23.84	19.29	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.88	19.33	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.98	18.43	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.92	18.37	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.87	18.32	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.01	18.46	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.67	17.12	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#13	21.80	17.25	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.73	17.18	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.98	16.43	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.79	16.24	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.78	16.23	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.91	16.36	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.84	17.29	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#13	21.73	17.18	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.56	17.01	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.81	16.26	34.77	PASS



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Band12	5MHz	64QAM	23095	12RB#6	21.01	16.46	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.90	16.35	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.75	16.20	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.85	17.30	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#13	21.63	17.08	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.72	17.17	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.78	16.23	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.72	16.17	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.72	16.17	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.86	16.31	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.31	18.76	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#13	23.18	18.63	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.55	19.00	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.03	17.48	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.96	17.41	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.98	17.43	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.05	17.50	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.19	18.64	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#13	23.49	18.94	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.96	18.41	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.99	17.44	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.02	17.47	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.90	17.35	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.84	17.29	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.21	18.66	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#13	23.12	18.57	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.60	19.05	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.96	17.41	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.96	17.41	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.01	17.46	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.99	17.44	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.69	19.14	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.67	19.12	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.67	19.12	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.91	18.36	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.07	18.52	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.00	18.45	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.00	18.45	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.86	19.31	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.79	19.24	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.70	19.15	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.94	18.39	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.94	18.39	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.98	18.43	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.92	18.37	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.93	19.38	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.87	19.32	34.77	PASS



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Band12	10MHz	QPSK	23130	1RB#49	23.92	19.37	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.94	18.39	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.85	18.30	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.08	18.53	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.95	18.40	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.27	17.72	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.30	17.75	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.91	17.36	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.99	16.44	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.12	16.57	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.17	16.62	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.09	16.54	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.19	17.64	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.12	17.57	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.91	17.36	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.89	16.34	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.08	16.53	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.94	16.39	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.84	16.29	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.21	17.66	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.02	17.47	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	22.15	17.60	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.03	16.48	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.09	16.54	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.96	16.41	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.94	16.39	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.09	18.54	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.33	18.78	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.36	18.81	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.95	17.40	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.02	17.47	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.03	17.48	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.16	17.61	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.24	18.69	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.20	18.65	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.43	18.88	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.96	17.41	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.03	17.48	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.95	17.40	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.86	17.31	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.05	18.50	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.52	18.97	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.51	18.96	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.01	17.46	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.02	17.47	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.01	17.46	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.01	17.46	34.77	PASS



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Remark:

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

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

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



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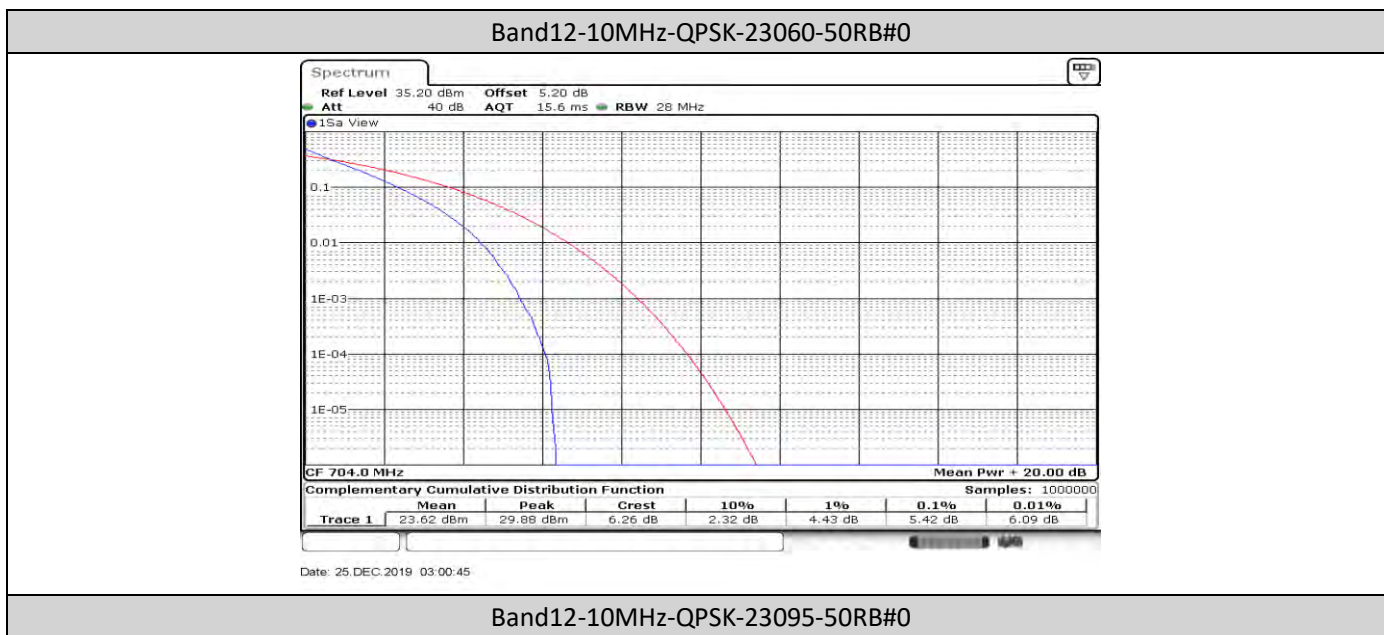


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	5.42	13.00	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.19	13.00	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.19	13.00	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.09	13.00	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.45	13.00	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.97	13.00	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.09	13.00	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.42	13.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.00	13.00	PASS

### 2.2. Test Plots

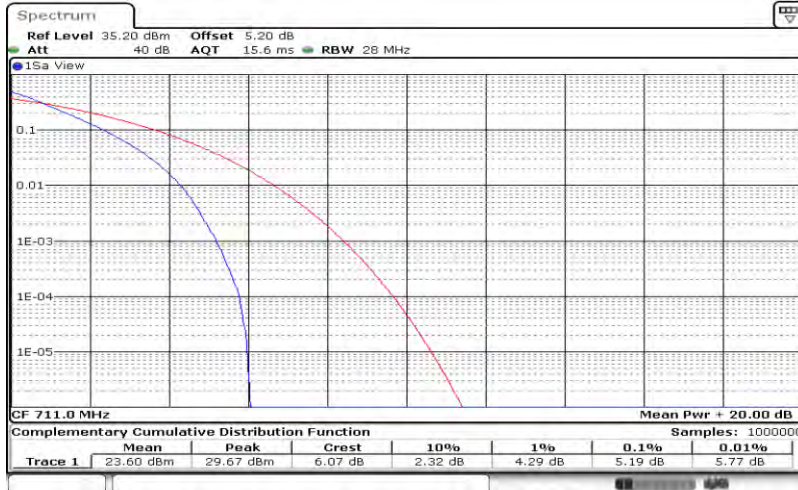


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Date: 25.DEC.2019 03:01:14

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



Date: 25.DEC.2019 03:01:44

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



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Date: 25.DEC.2019 03:01:02

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



Date: 25.DEC.2019 03:01:31

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



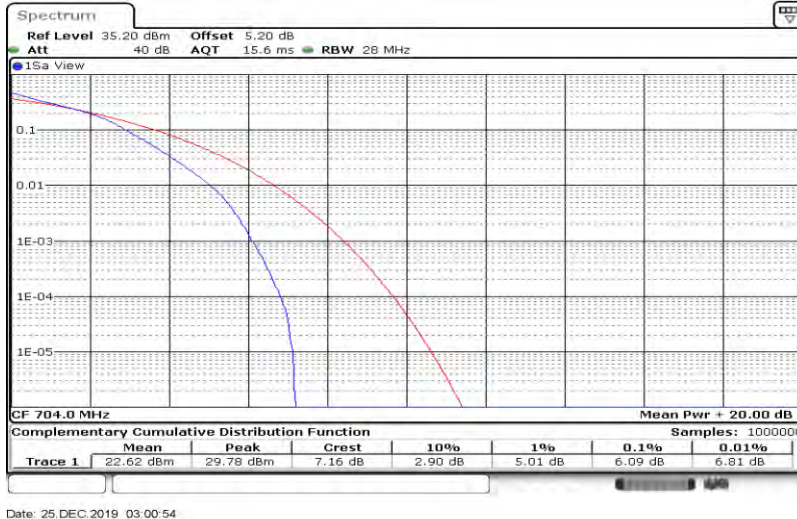
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Date: 25.DEC.2019 03:02:01

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



Date: 25.DEC.2019 03:00:54

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

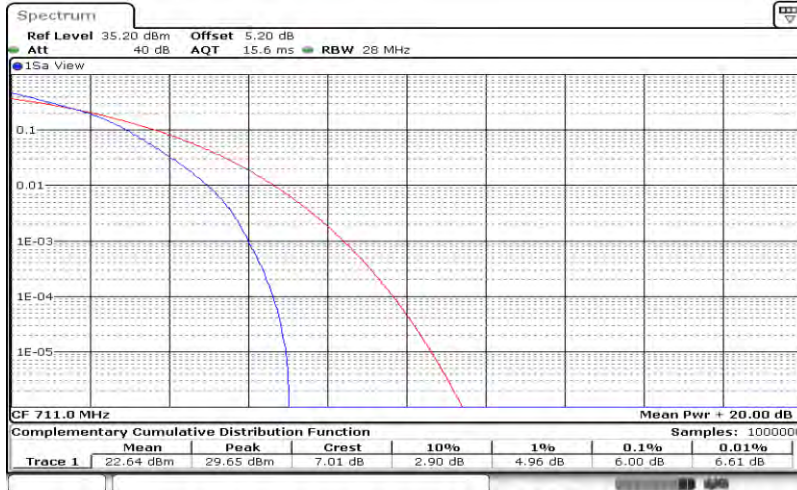


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Date: 25.DEC.2019 03:01:23

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



Date: 25.DEC.2019 03:01:53

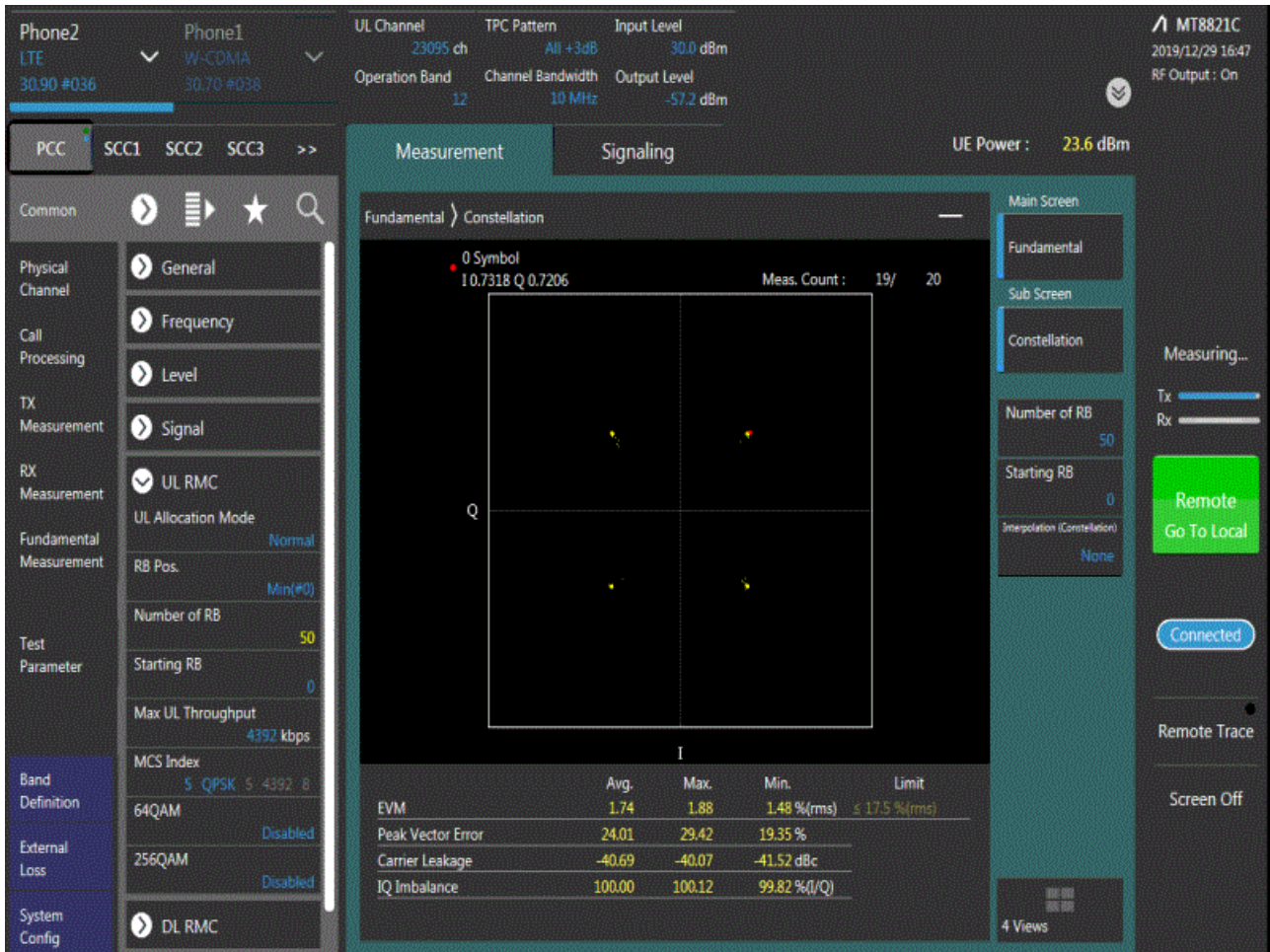


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### 3. Modulation Characteristics

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

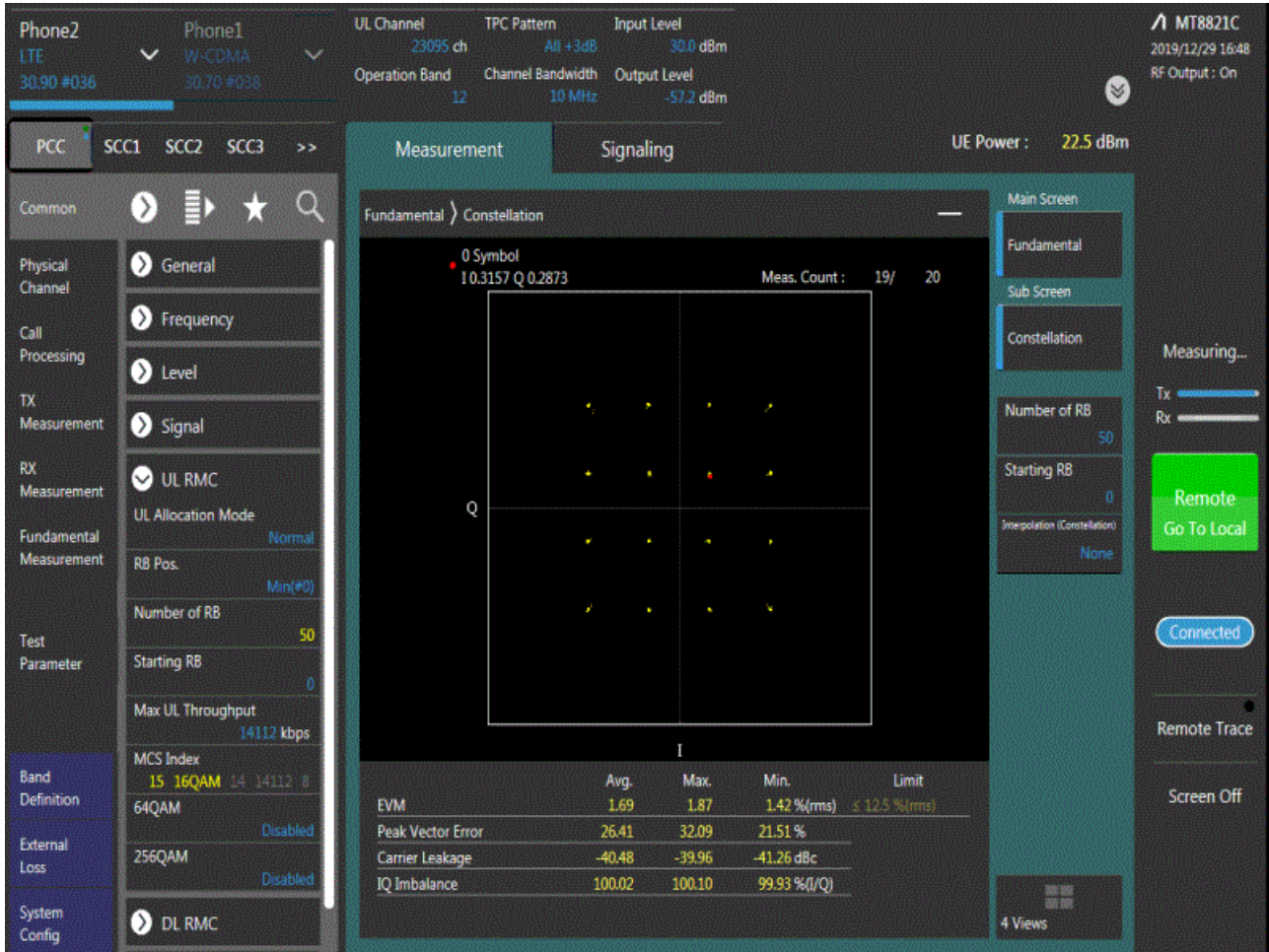
##### 3.1.1. Test Channel = MCH



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

#### 3.2.1. Test Channel = MCH



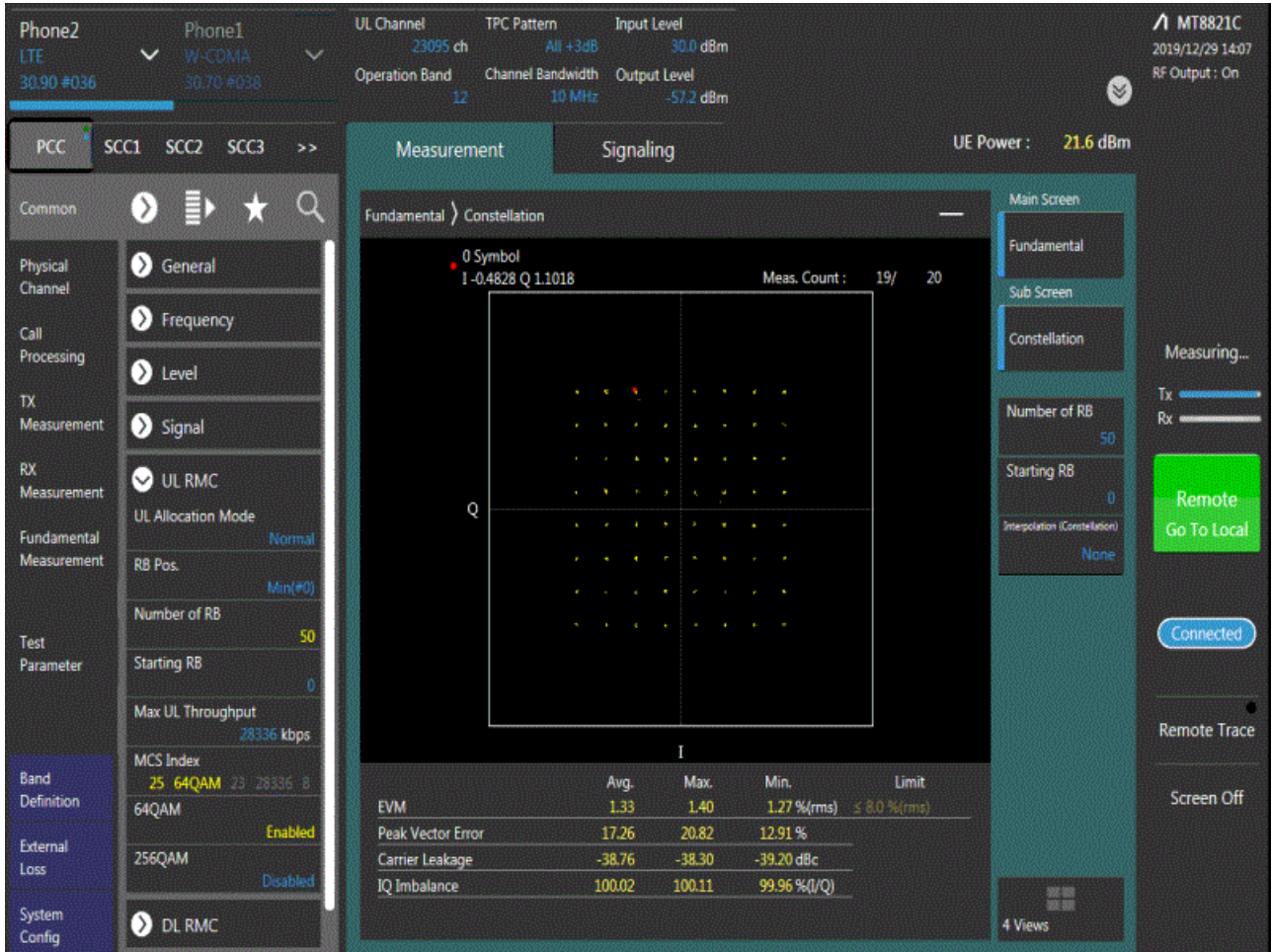
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### 3.3. Test Mode = LTE /TM3 10MHz

#### 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	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.091	1.248	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.097	1.236	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.094	1.245	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.091	1.233	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.088	1.248	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.094	1.254	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.085	1.236	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.094	1.239	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.697	2.982	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	3.000	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.697	2.988	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.697	3.012	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.697	3.018	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.691	3.006	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.697	3.000	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.697	3.012	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.691	3.006	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.476	4.920	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.466	4.900	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.486	4.900	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.476	4.860	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.930	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.476	4.910	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.476	4.860	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.466	4.930	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.476	4.920	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.951	9.740	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.931	9.660	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.911	9.660	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.931	9.600	PASS



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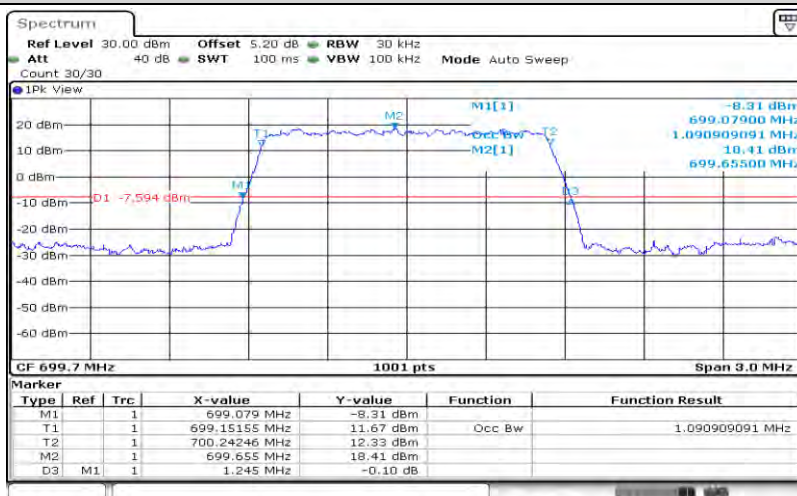
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Band12	10MHz	64QAM	23095	50RB#0	8.931	9.640	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.911	9.640	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.640	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.931	9.660	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.911	9.620	PASS

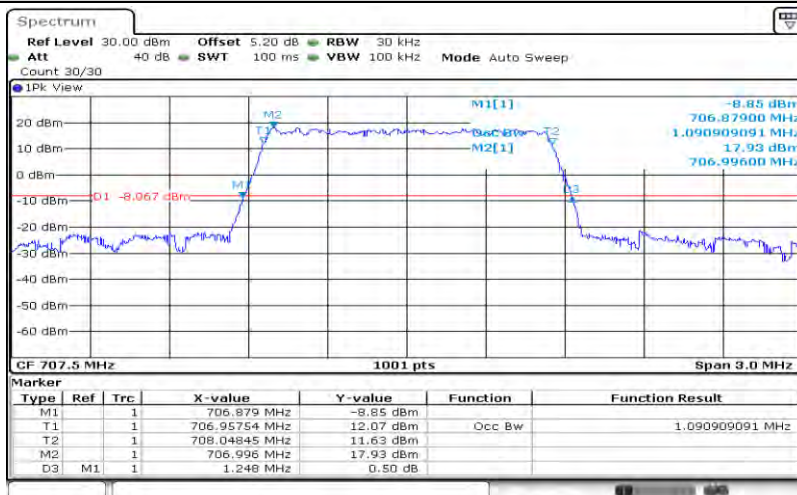
## 4.2. Test Plots

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



Date: 25 DEC 2019 01:57:17

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



Date: 25 DEC 2019 02:01:17

Band12-1.4MHz-QPSK-23173-6RB#0-1.097

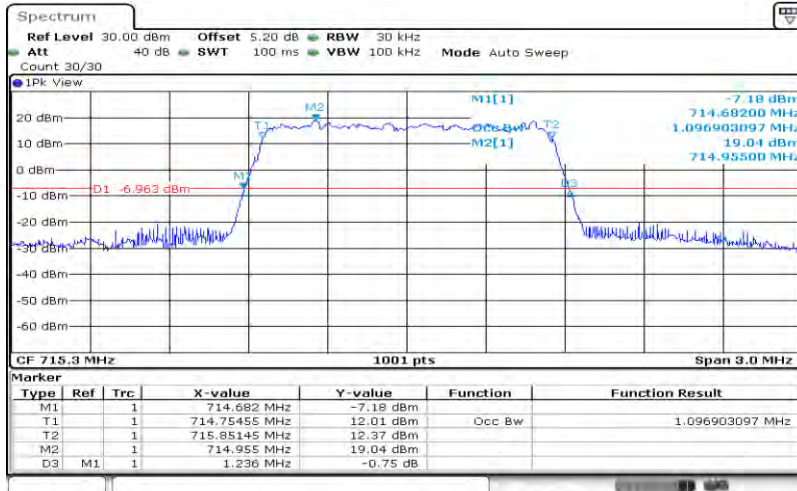


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Shenzhen Branch Inspection & Testing Services Laboratory

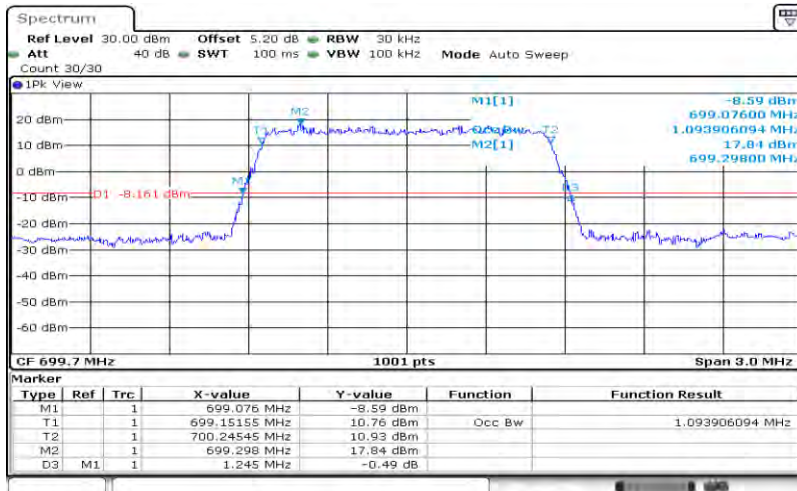
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Date: 25.DEC.2019 02:03:12

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

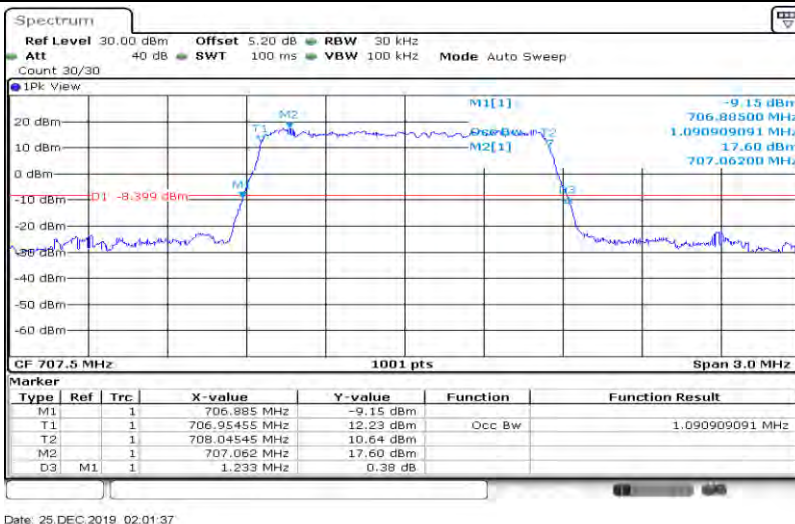


Date: 25.DEC.2019 01:57:41

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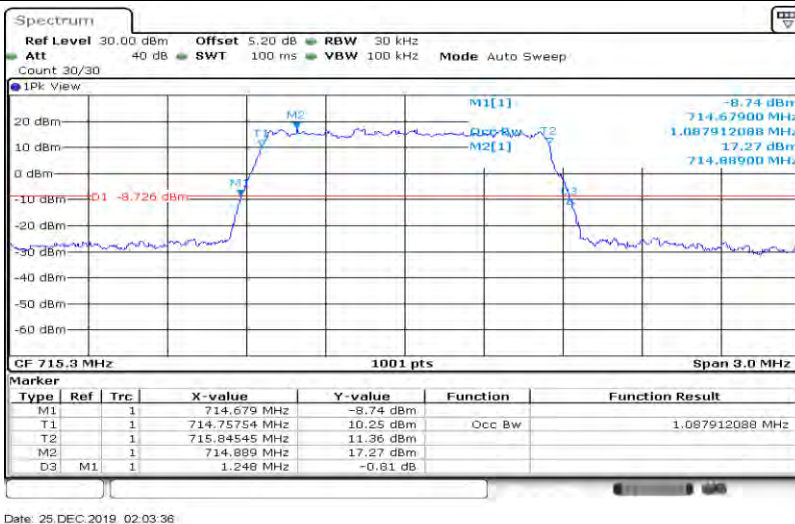


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Date: 25.DEC.2019 02:01:37

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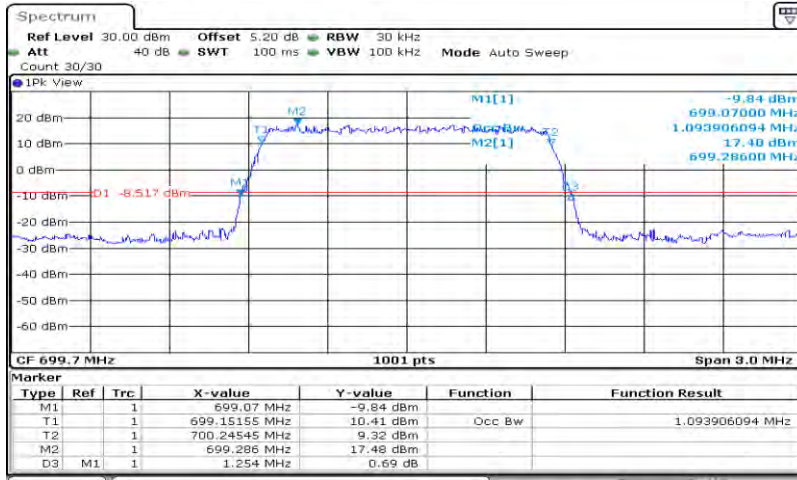


Date: 25.DEC.2019 02:03:36

Band12-1.4MHz-16QAM-23017-6RB#0-1.094

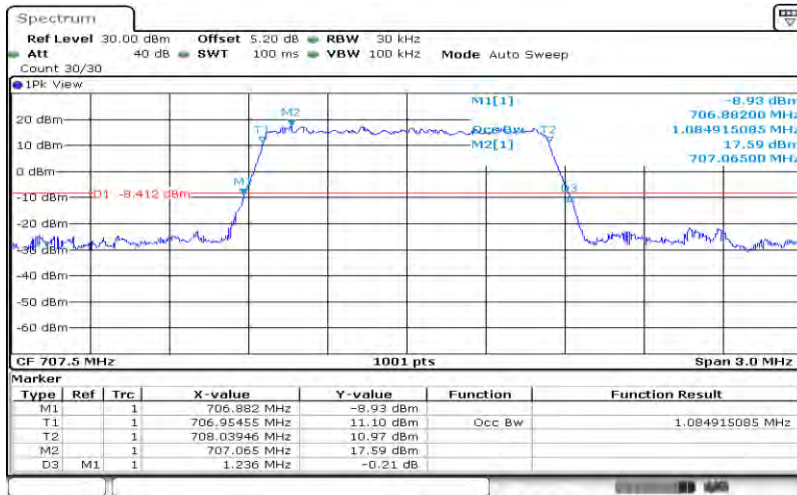


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Date: 25.DEC.2019 01:57:31

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

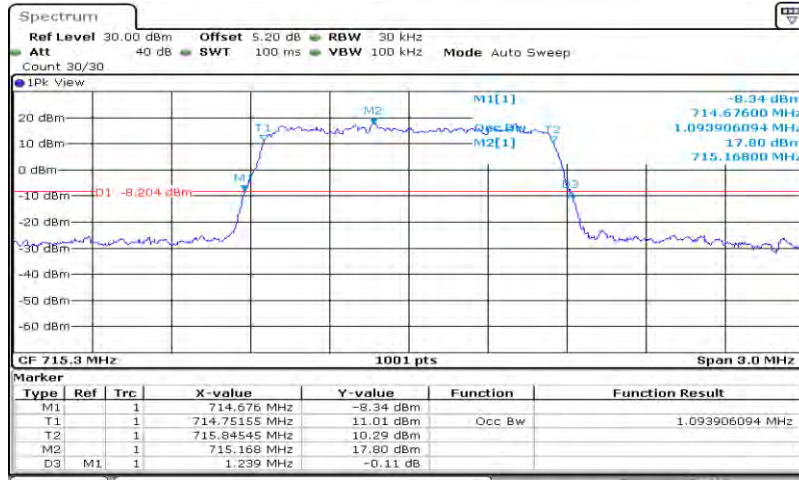


Date: 25.DEC.2019 02:01:27

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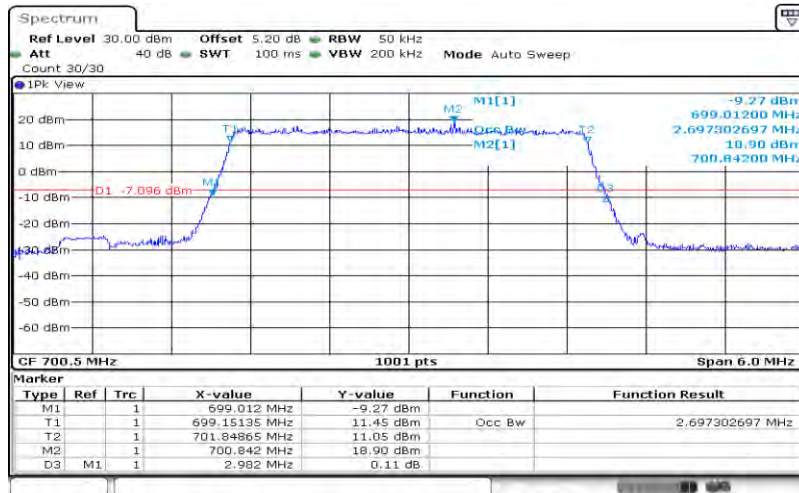


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Date: 25.DEC.2019 02:03:26

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

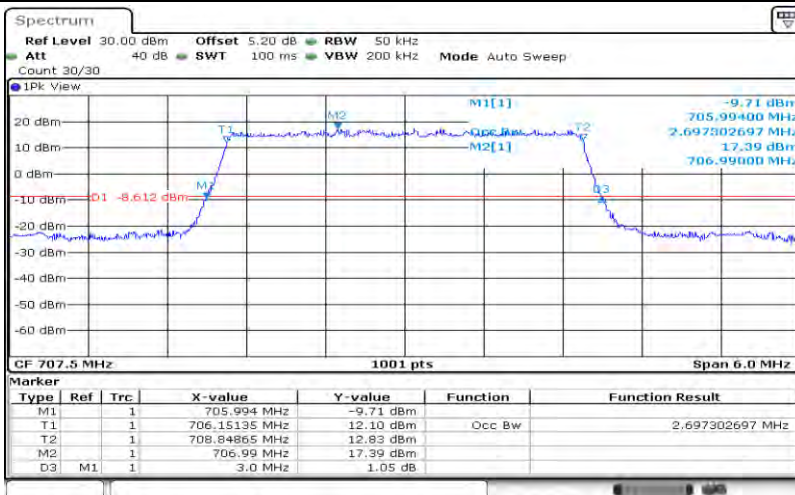


Date: 25.DEC.2019 02:05:38

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

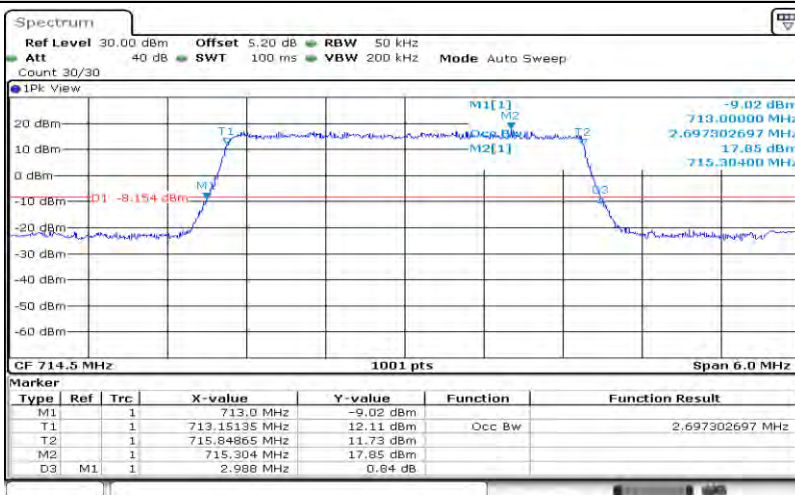


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Date: 25.DEC.2019 02:08:12

**Band12-3MHz-QPSK-23165-15RB#0-2.697**



Date: 25.DEC.2019 02:08:45

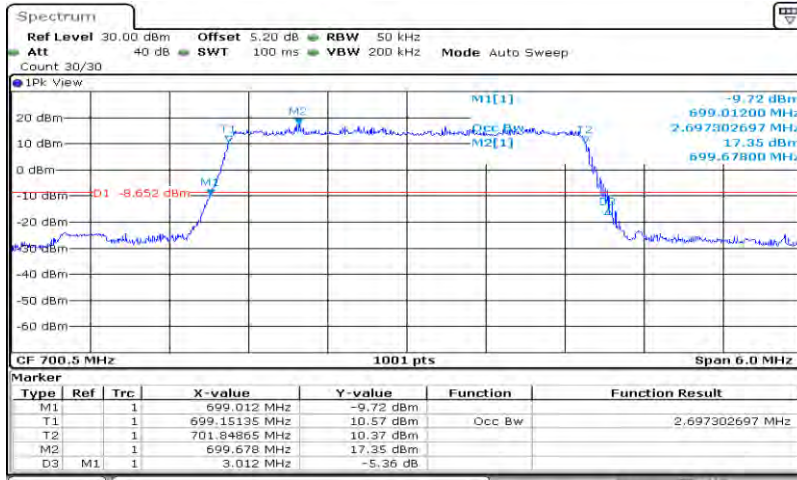
**Band12-3MHz-64QAM-23025-15RB#0-2.697**



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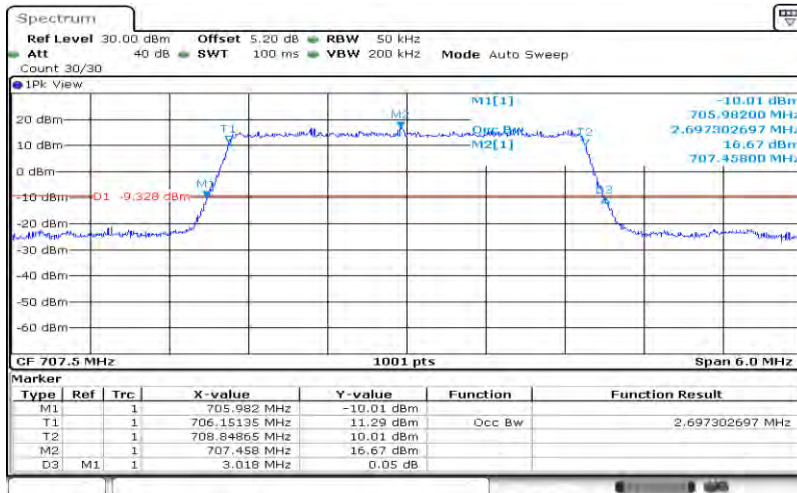
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Date: 25.DEC.2019 02:05:58

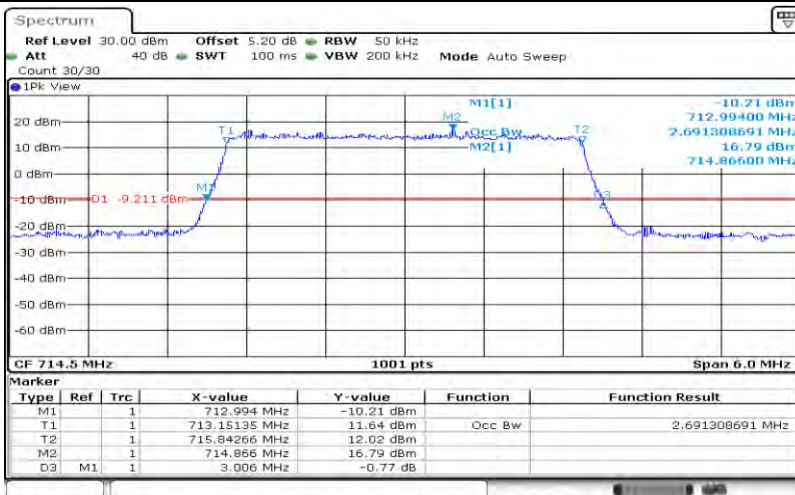
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Date: 25.DEC.2019 02:06:32

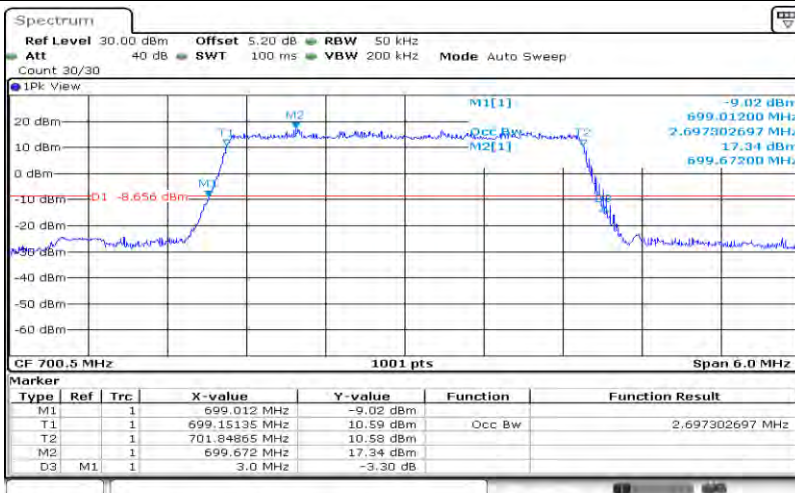
**Band12-3MHz-64QAM-23165-15RB#0-2.691**





Date: 25.DEC.2019 02:07:06

Band12-3MHz-16QAM-23025-15RB#0-2.697



Date: 25.DEC.2019 02:05:48

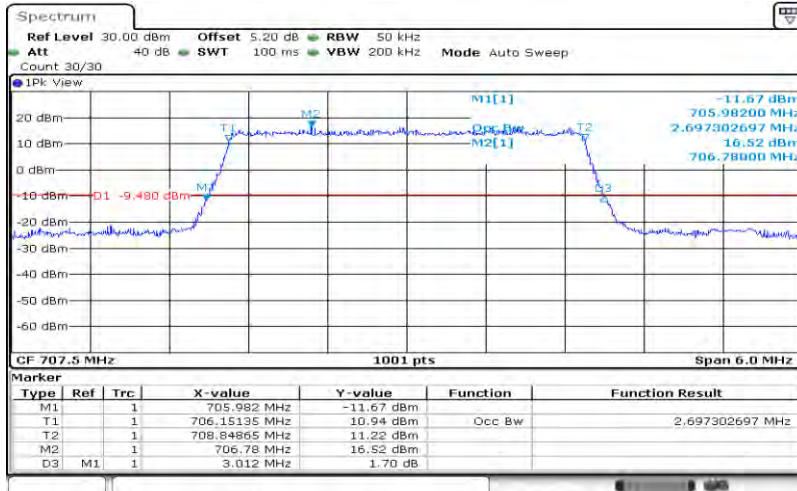
Band12-3MHz-16QAM-23095-15RB#0-2.697



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Date: 25.DEC.2019 02:08:22

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



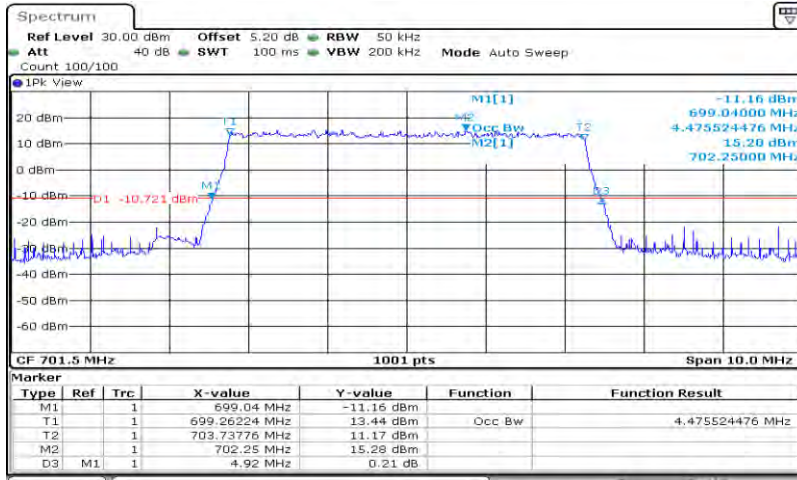
Date: 25.DEC.2019 02:08:55

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



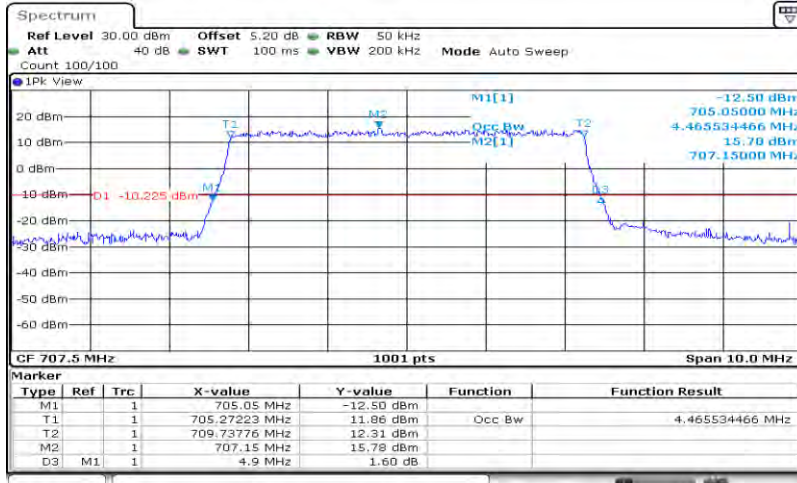
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Date: 25.DEC.2019 02:08:00

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

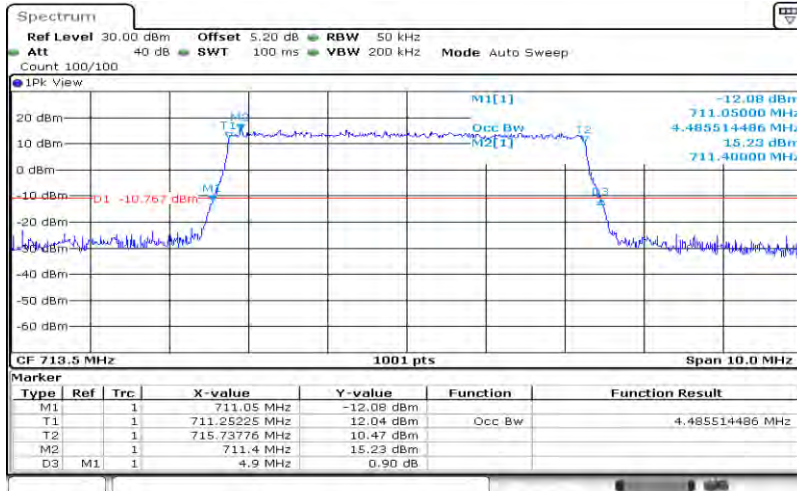


Date: 25.DEC.2019 02:24:06

Band12-5MHz-QPSK-23155-25RB#0-4.486

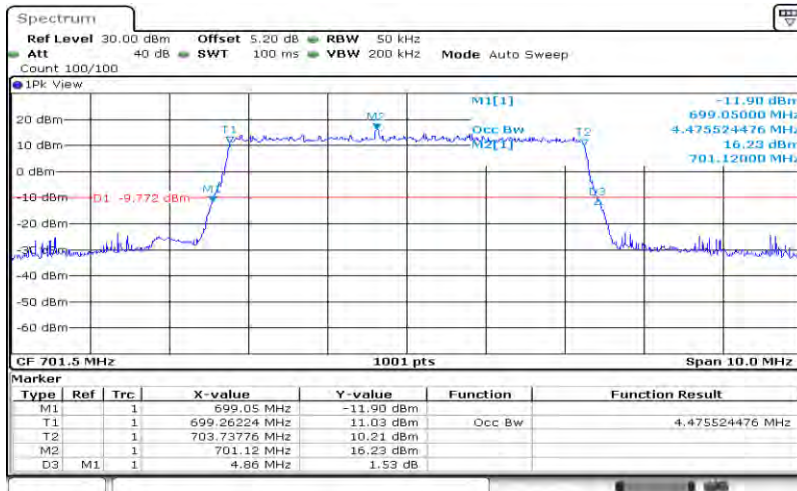


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Date: 25.DEC.2019 02:25:00

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

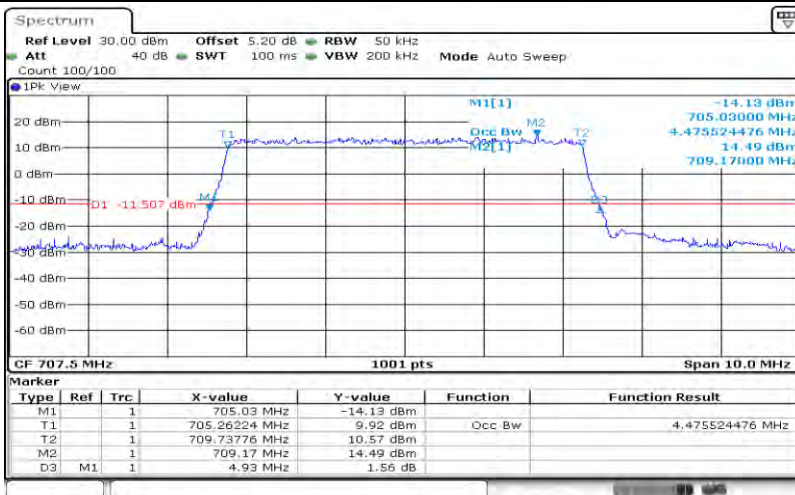


Date: 25.DEC.2019 02:23:45

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

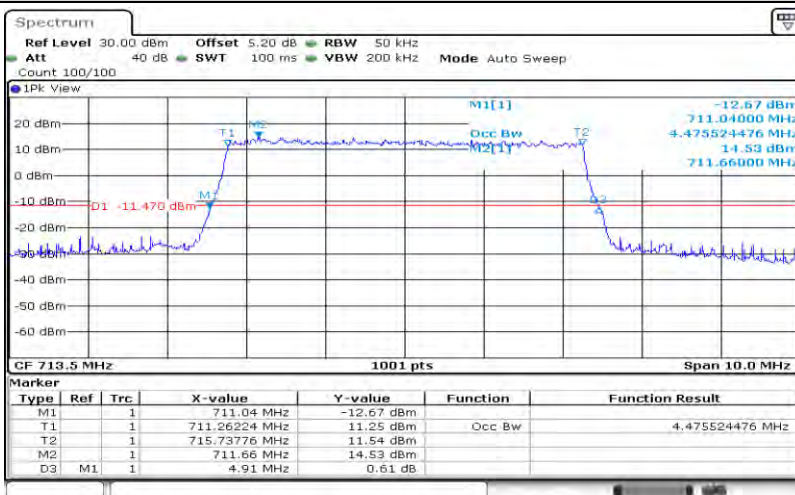


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Date: 25.DEC.2019 02:24:40

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



Date: 25.DEC.2019 02:25:34

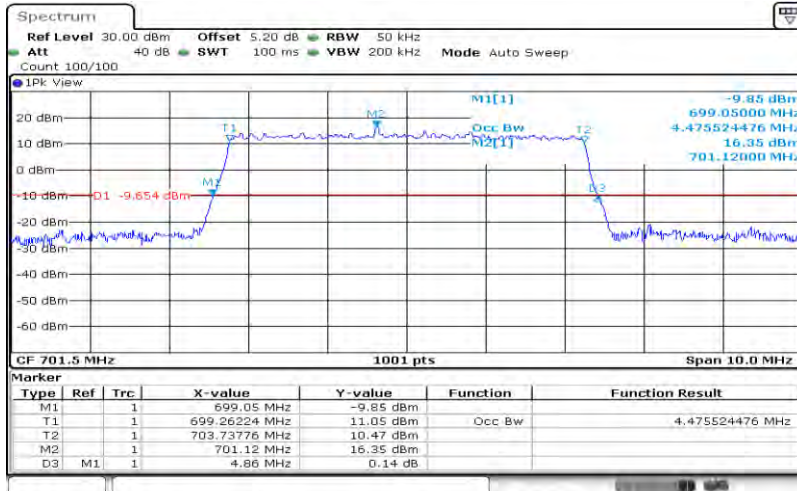
Band12-5MHz-16QAM-23035-25RB#0-4.476



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Date: 25.DEC.2019 02:23:28

**Band12-5MHz-16QAM-23095-25RB#0-4.466**

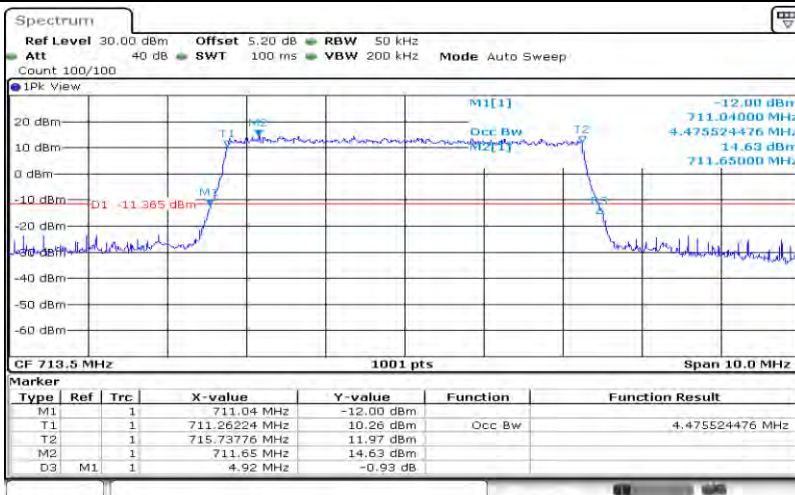


Date: 25.DEC.2019 02:24:23

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

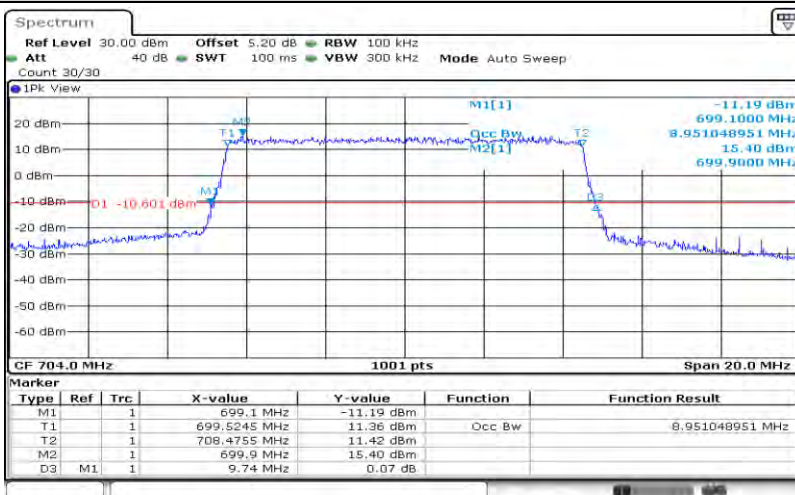


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Date: 25.DEC.2019 02:25:17

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

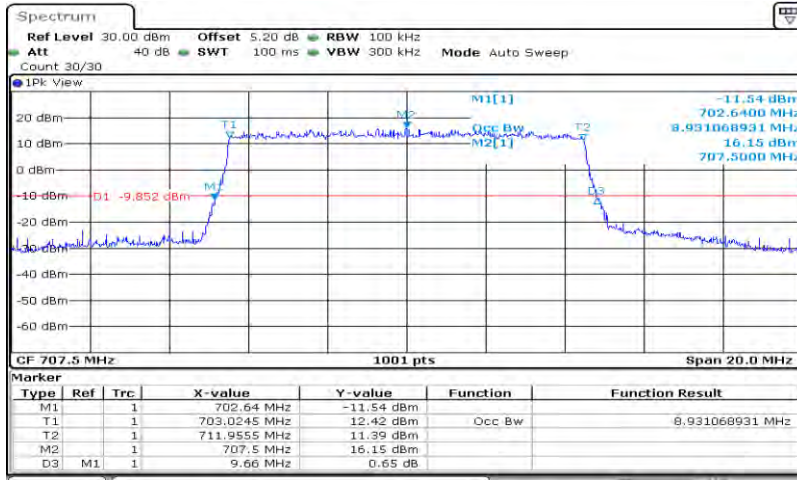


Date: 25.DEC.2019 02:26:28

Band12-10MHz-QPSK-23095-50RB#0-8.931

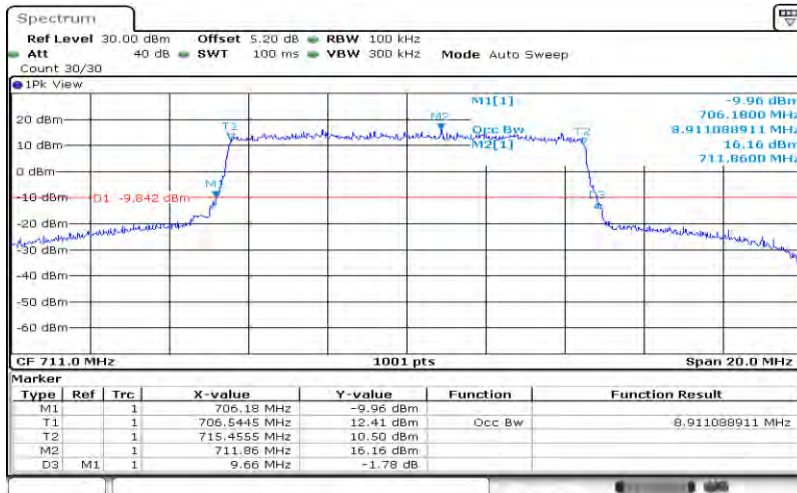


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Date: 25.DEC.2019 02:27:02

Band12-10MHz-QPSK-23130-50RB#0-8.911

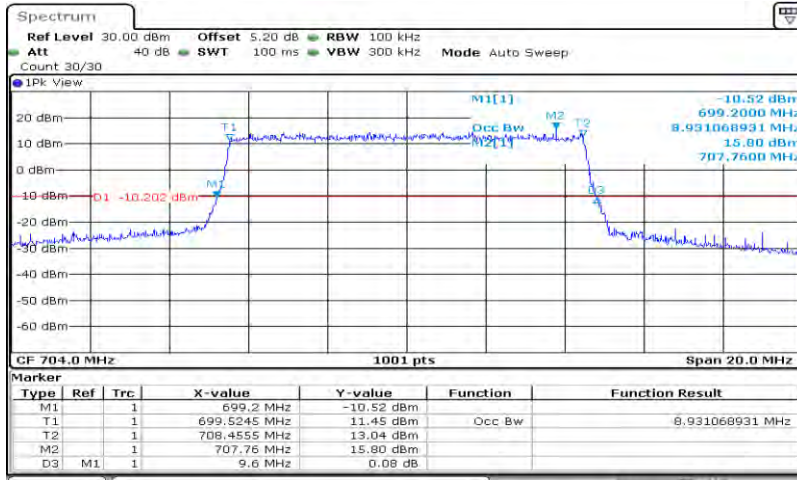


Date: 25.DEC.2019 02:27:36

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

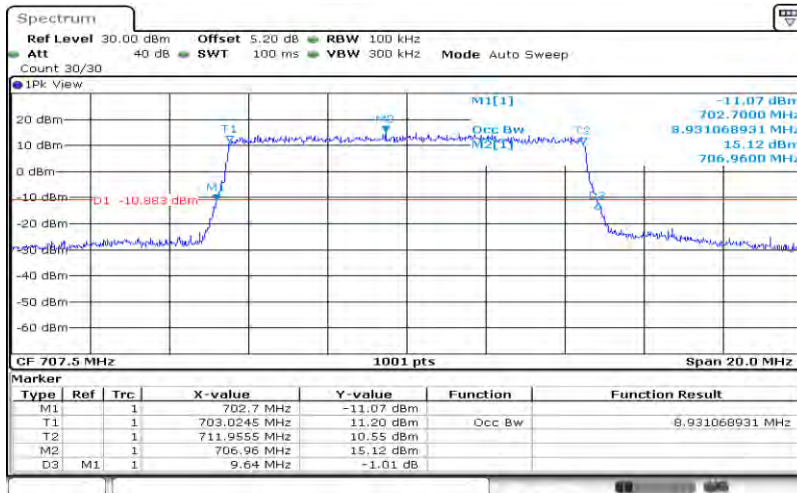


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Date: 25.DEC.2019 02:26:48

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



Date: 25.DEC.2019 02:27:22

**Band12-10MHz-64QAM-23130-50RB#0-8.911**

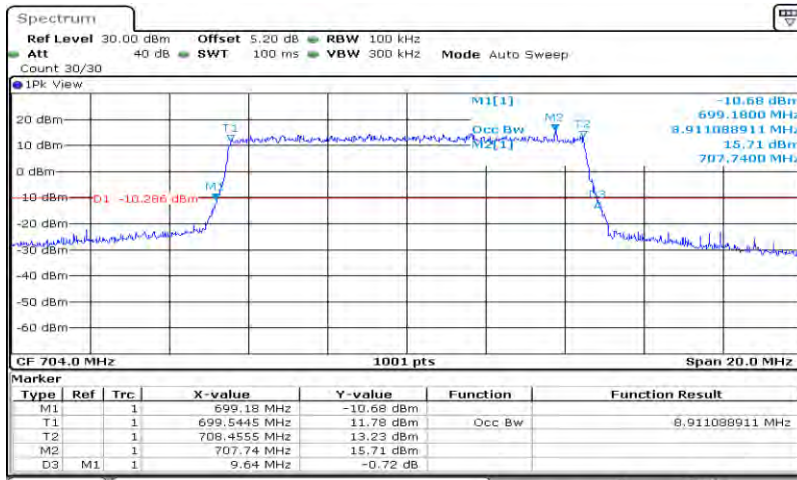


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Date: 25 DEC 2019 02:27:56

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



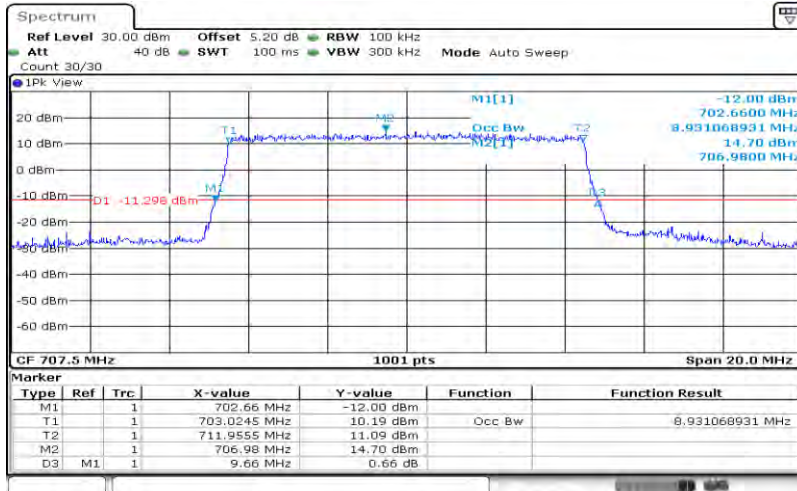
Date: 25 DEC 2019 02:26:38

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



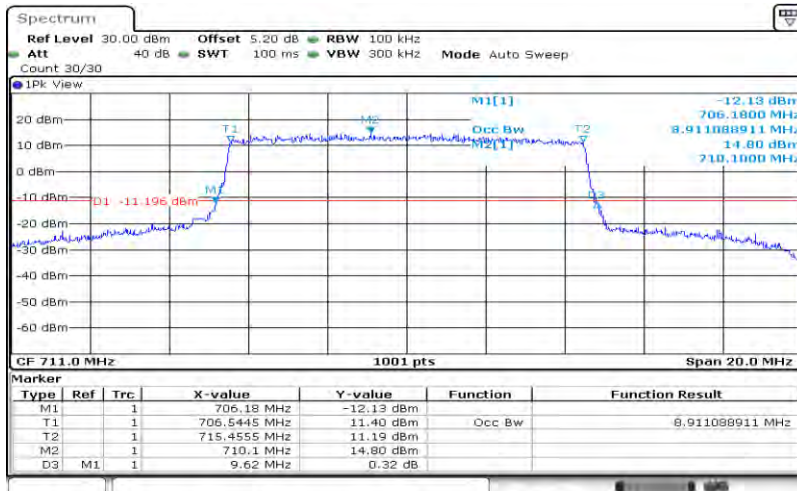
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Date: 25.DEC.2019 02:27:12

**Band12-10MHz-16QAM-23130-50RB#0-8.911**



Date: 25.DEC.2019 02:27:46

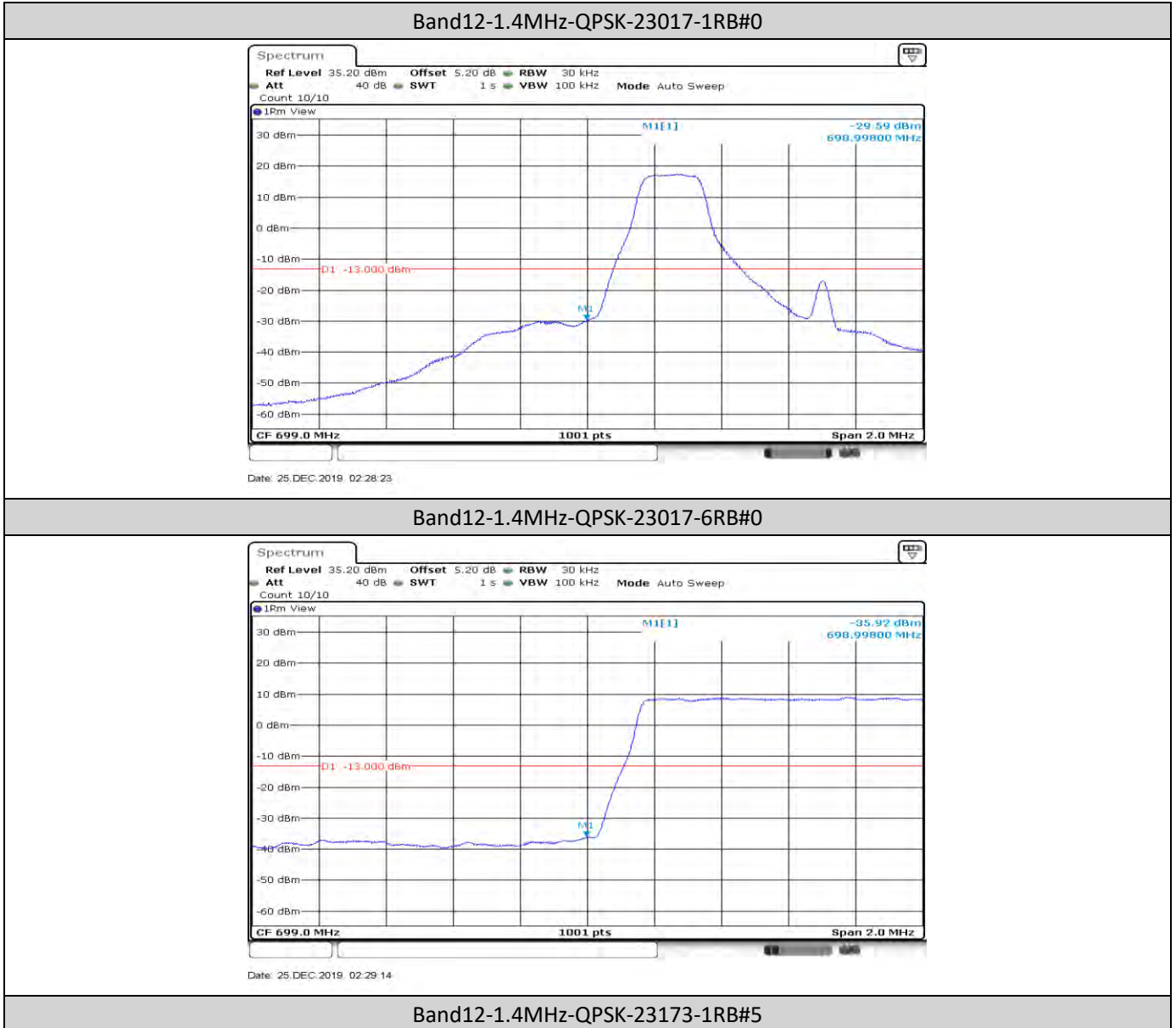


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## 5. Band Edge Compliance

### 5.1. Test Plots



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Date: 25.DEC.2019 02:32:33

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



Date: 25.DEC.2019 02:33:26

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

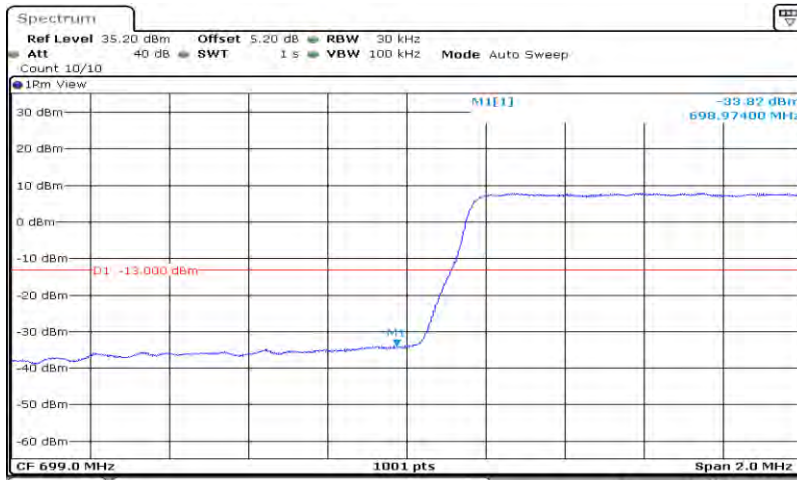


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Date: 25.DEC.2019 02:28:57

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



Date: 25.DEC.2019 02:29:48

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



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Date: 25.DEC.2019 02:33:09

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



Date: 25.DEC.2019 02:34:00

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

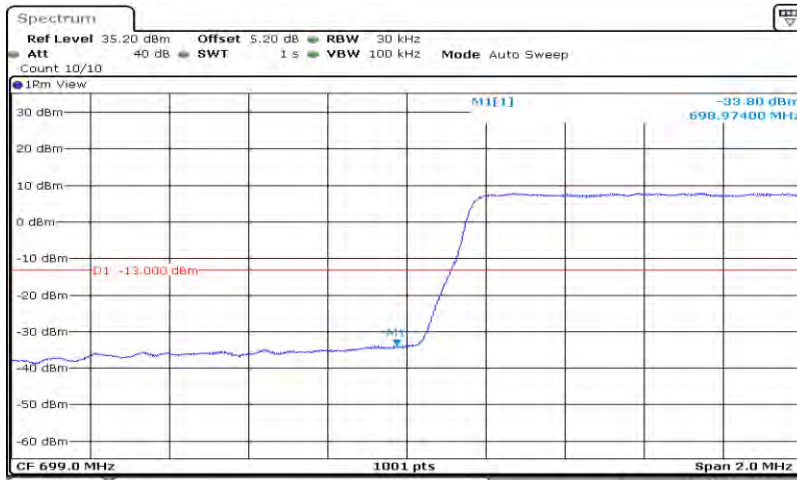


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Date: 25.DEC.2019 02:28:40

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

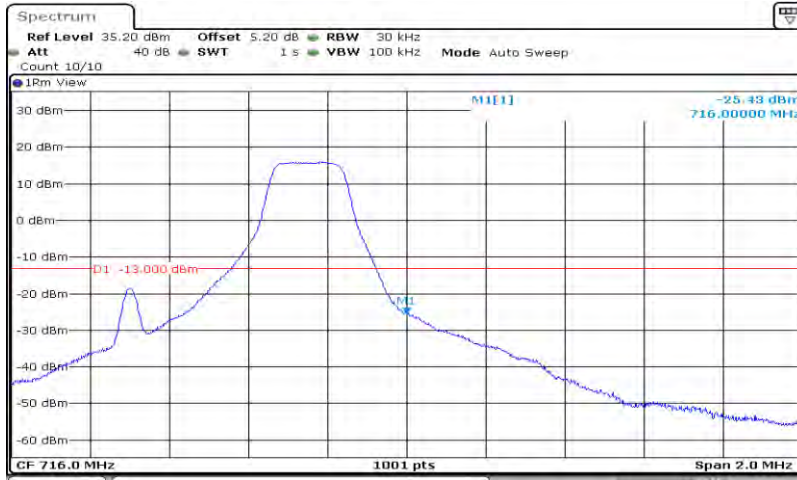


Date: 25.DEC.2019 02:29:31

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



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Date: 25.DEC.2019 02:32:51

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



Date: 25.DEC.2019 02:33:43

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



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



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



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Date: 25.DEC.2019 02:37:31

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



Date: 25.DEC.2019 02:38:24

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



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Date: 25.DEC.2019 02:38:15

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



Date: 25.DEC.2019 02:37:07

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



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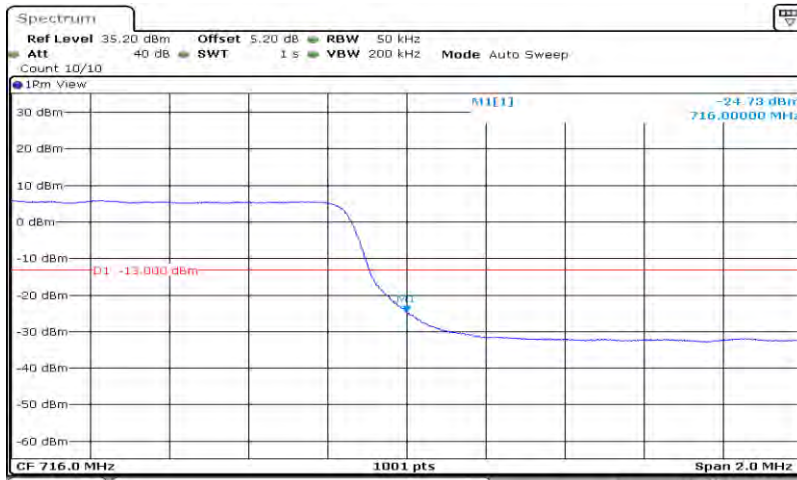
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Date: 25.DEC.2019 02:38:07

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

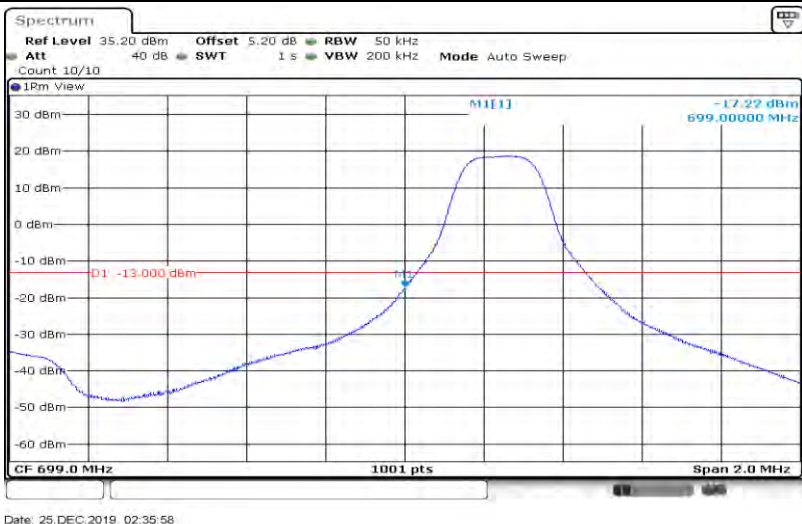


Date: 25.DEC.2019 02:38:58

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



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



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

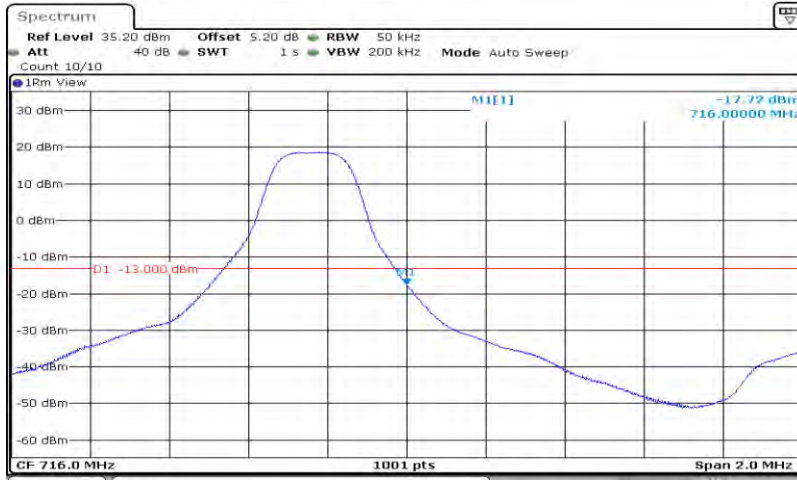


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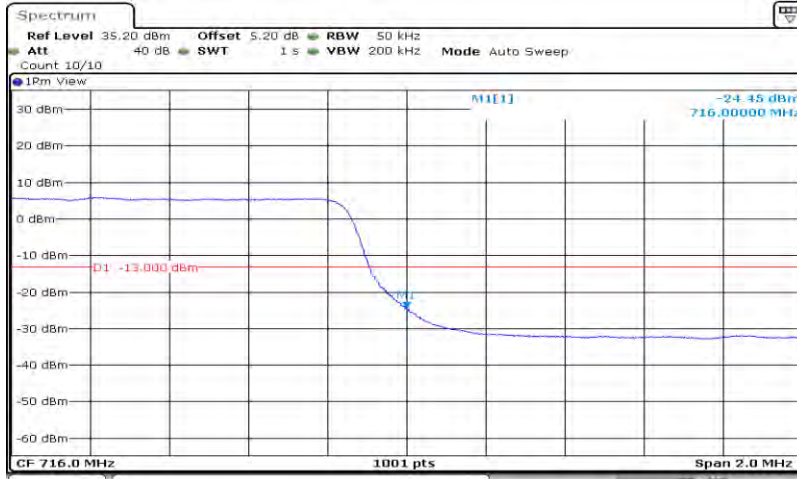
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Date: 25.DEC.2019 02:37:49

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

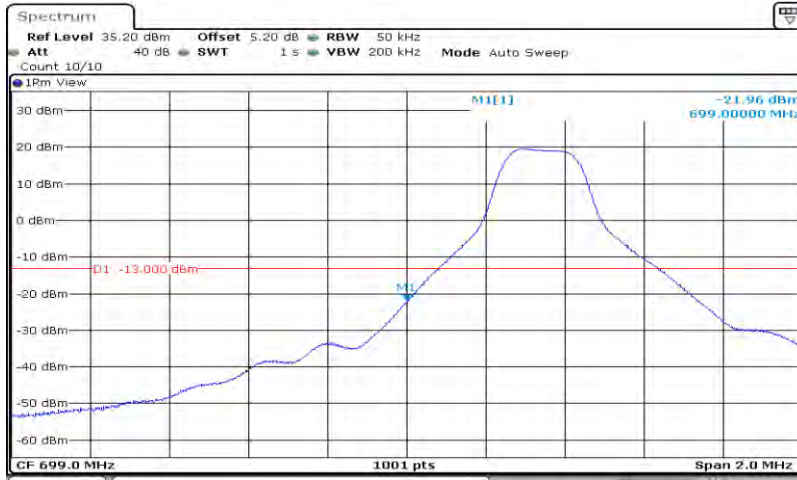


Date: 25.DEC.2019 02:38:41

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



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



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



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Date: 25.DEC.2019 02:41:48

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

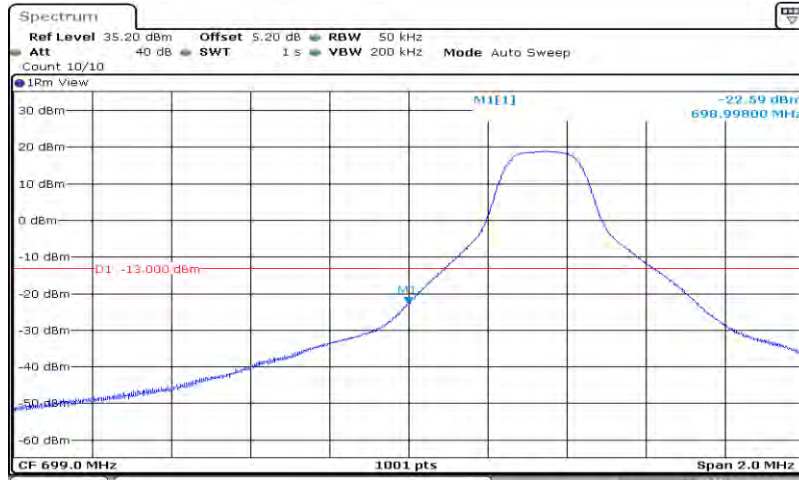


Date: 25.DEC.2019 02:42:41

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



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Date: 25.DEC.2019 02:40:31

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



Date: 25.DEC.2019 02:41:24

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



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Date: 25 DEC 2019 02:42:24

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



Date: 25 DEC 2019 02:43:16

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



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Date: 25.DEC.2019 02:40:14

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

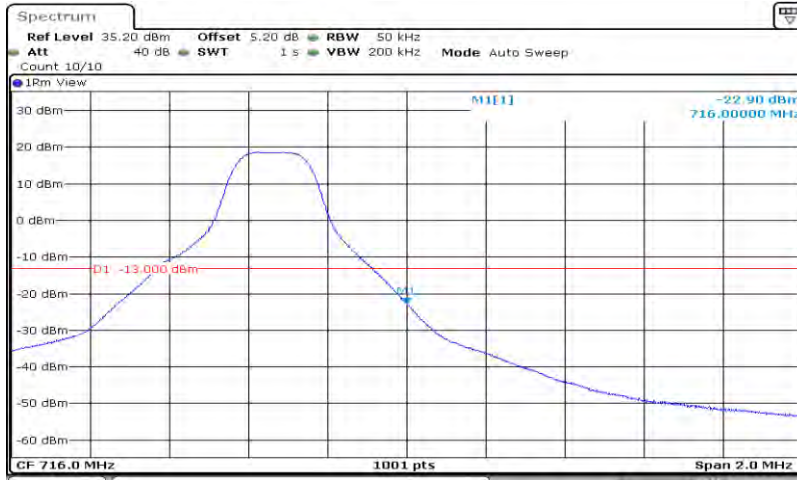


Date: 25.DEC.2019 02:41:06

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

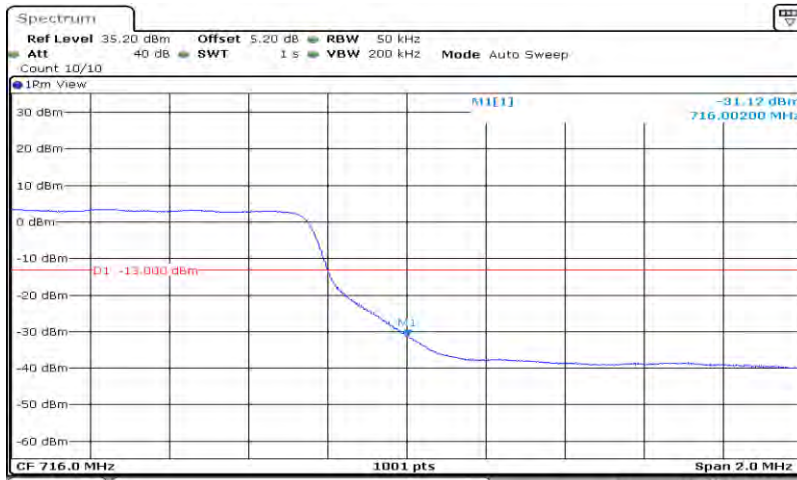


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Date: 25.DEC.2019 02:42:06

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



Date: 25.DEC.2019 02:42:58

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



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Date: 25.DEC.2019 02:44:21

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



Date: 25.DEC.2019 02:45:14

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

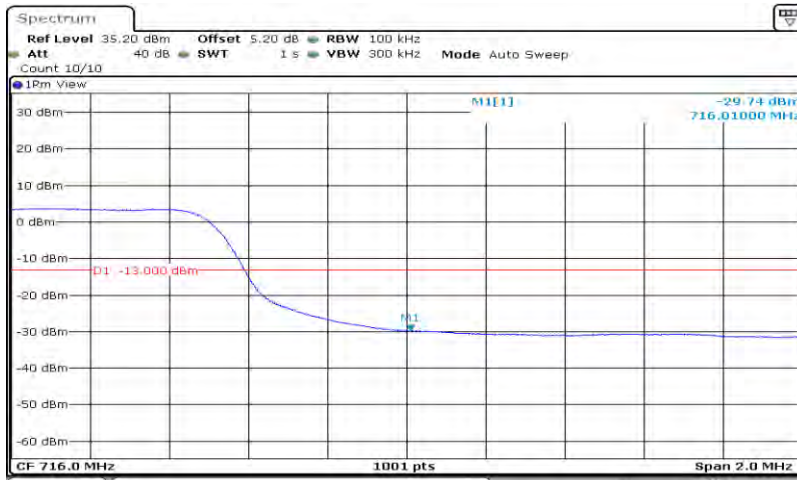


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Date: 25.DEC.2019 02:46:14

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



Date: 25.DEC.2019 02:47:08

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



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Date: 25.DEC.2019 02:44:56

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



Date: 25.DEC.2019 02:45:50

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

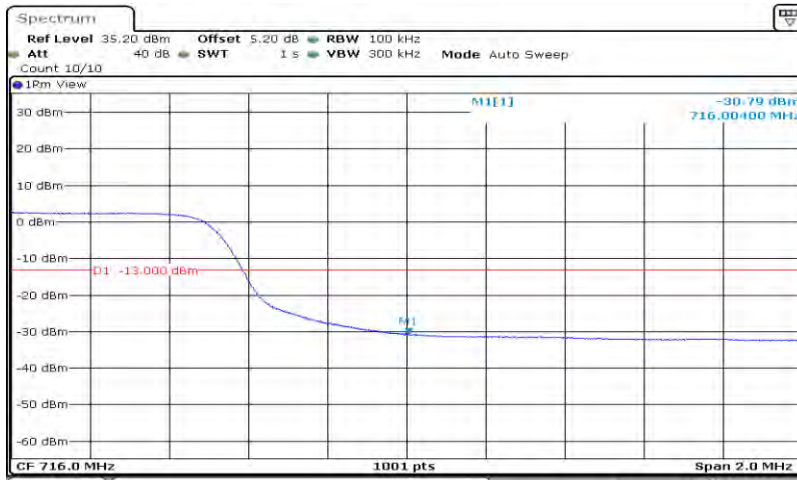


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Date: 25.DEC.2019 02:46:50

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



Date: 25.DEC.2019 02:47:44

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

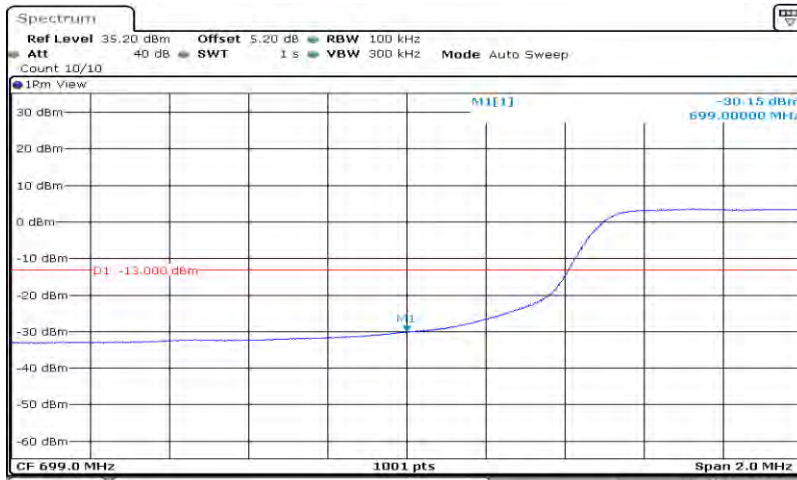


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Date: 25.DEC.2019 02:44:39

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



Date: 25.DEC.2019 02:45:32

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



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Date: 25.DEC.2019 02:48:32

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



Date: 25.DEC.2019 02:47:26



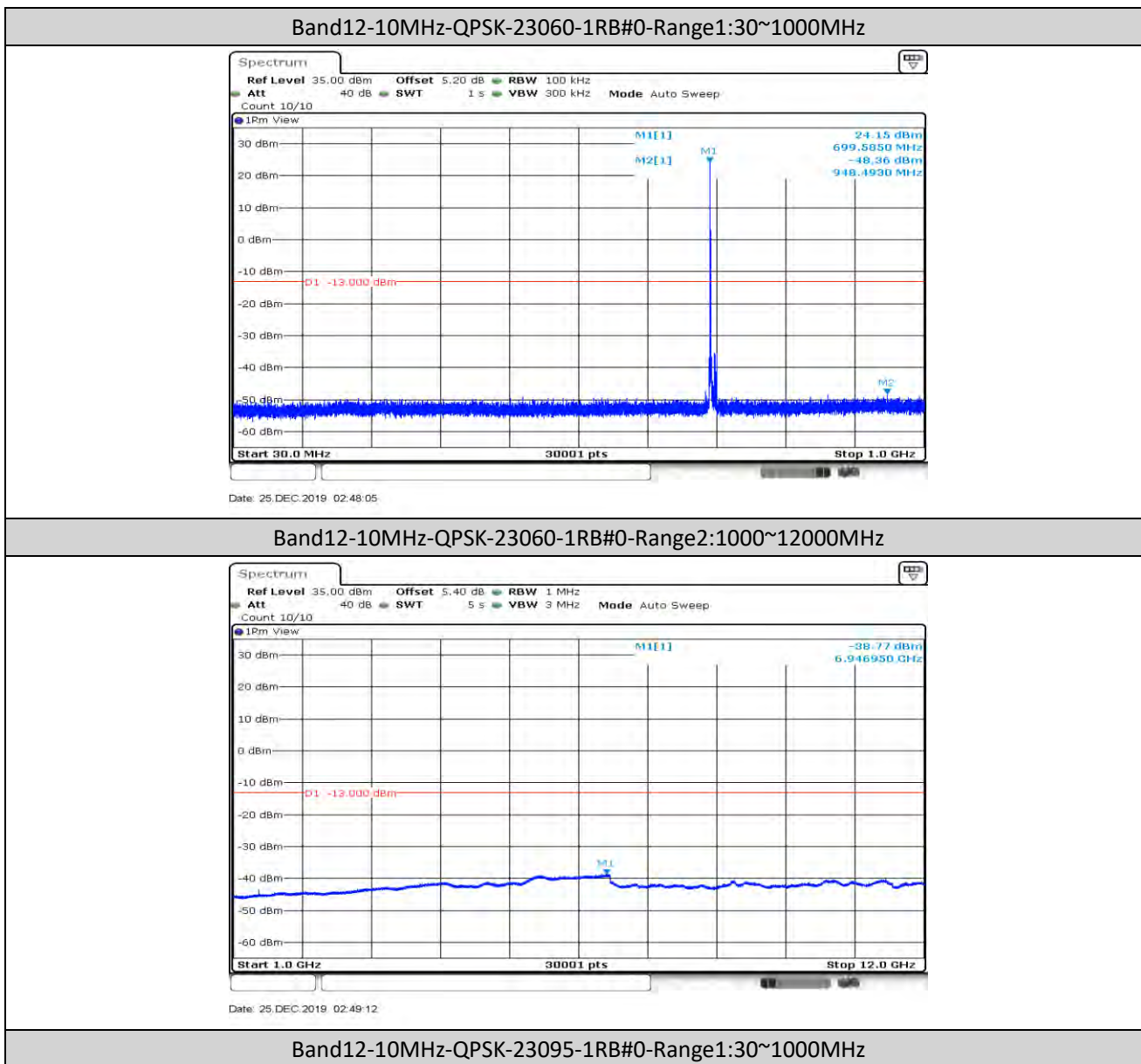
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## 6. Spurious Emission at Antenna Terminal

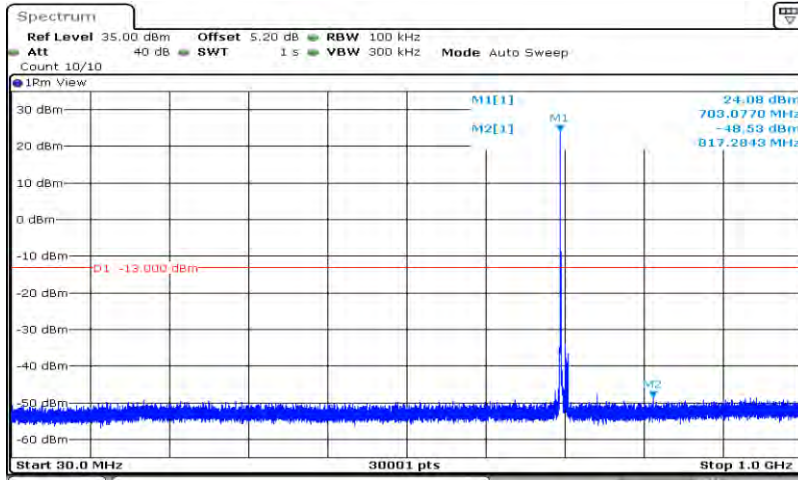
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

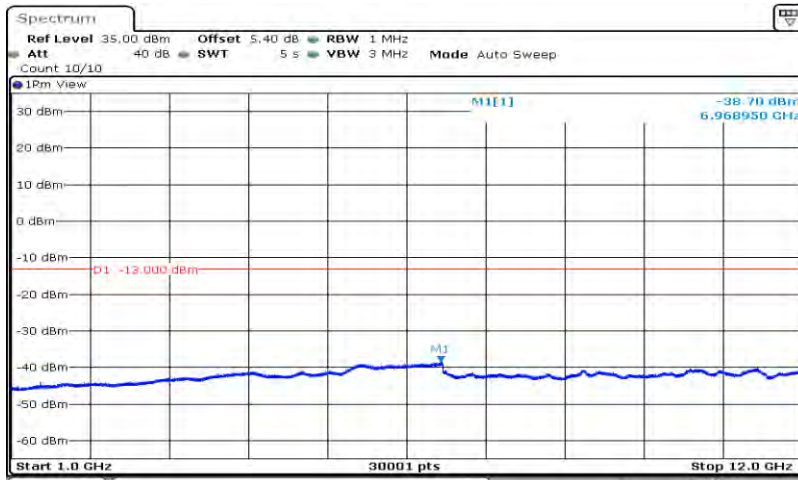


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Date: 25.DEC.2019 02:52:22

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

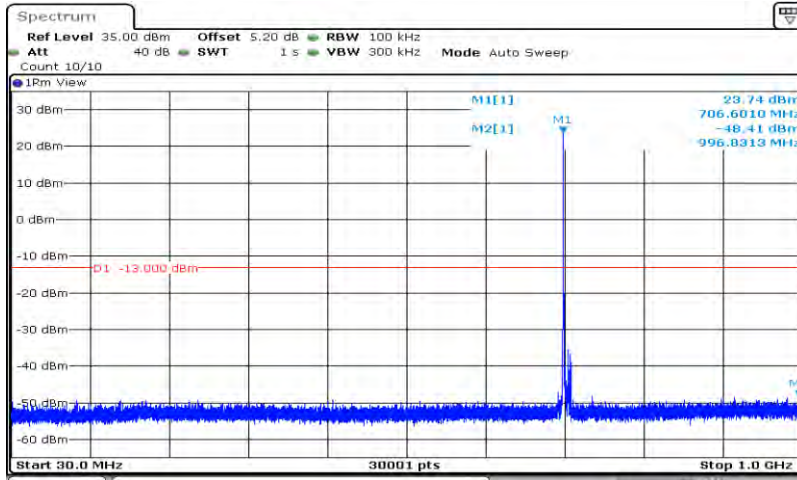


Date: 25.DEC.2019 02:53:29

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

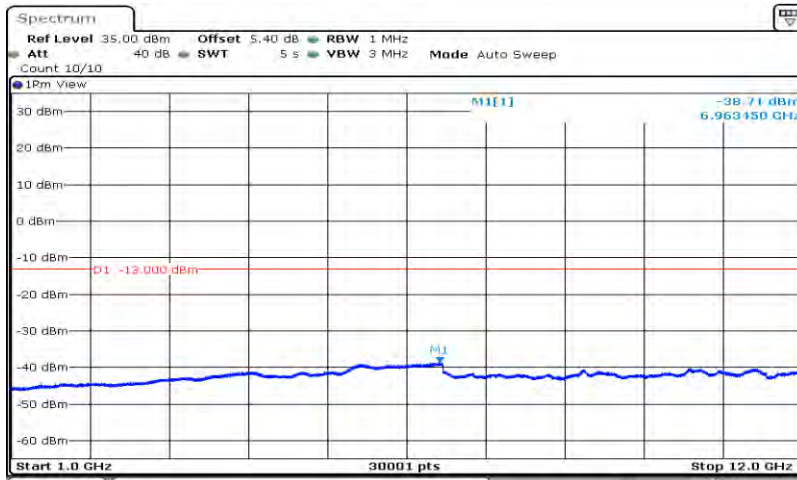


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Date: 25.DEC.2019 02:58:37

**Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~12000MHz**

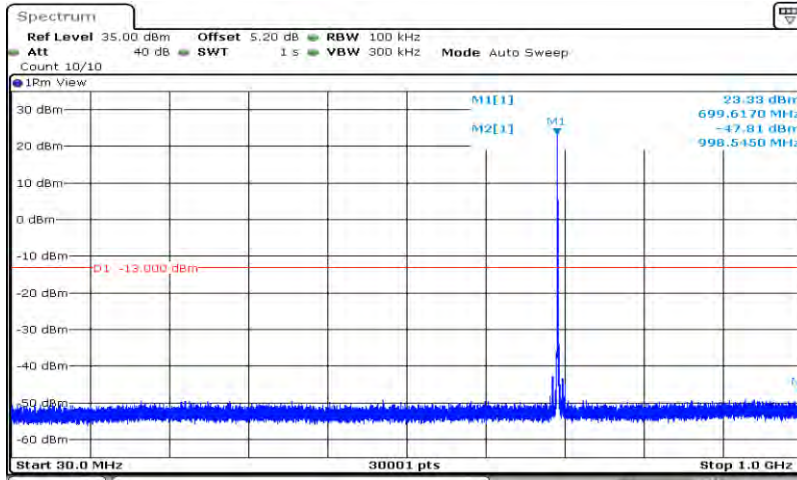


Date: 25.DEC.2019 02:57:45

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

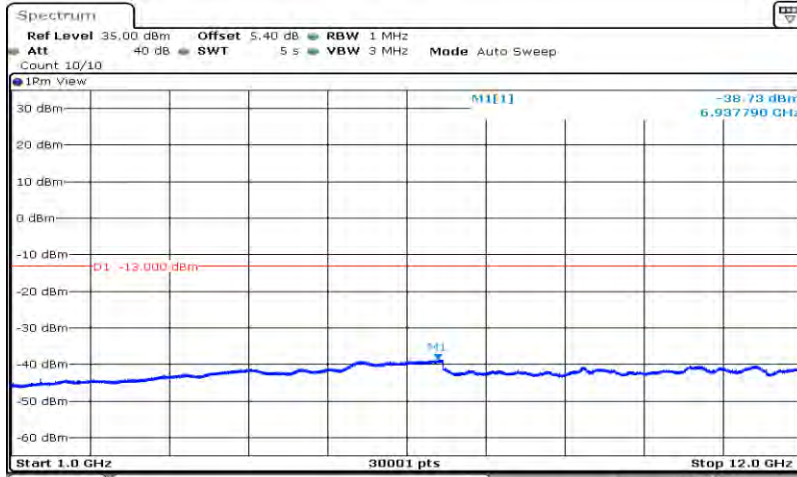


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Date: 25.DEC.2019 02:50:54

**Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~12000MHz**

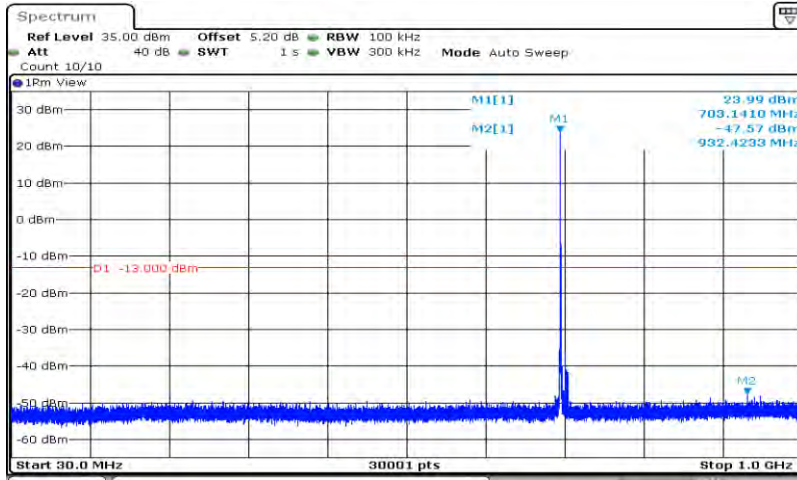


Date: 25.DEC.2019 02:52:01

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

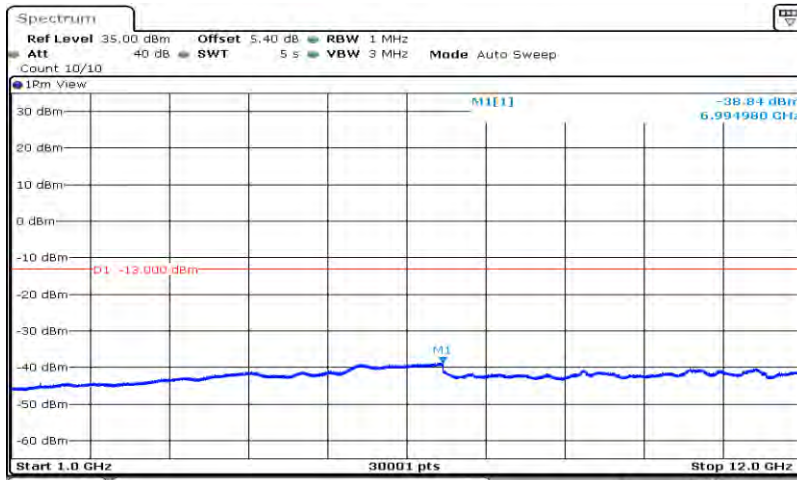


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Date: 25.DEC.2019 02:55:10

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

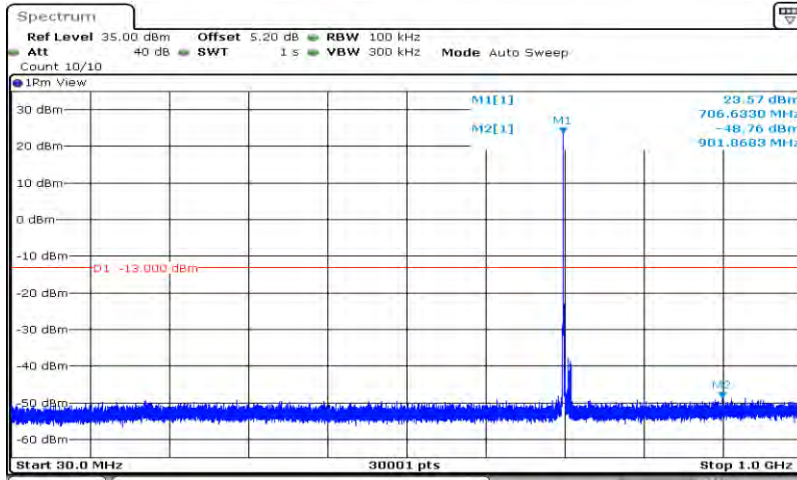


Date: 25.DEC.2019 02:56:17

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

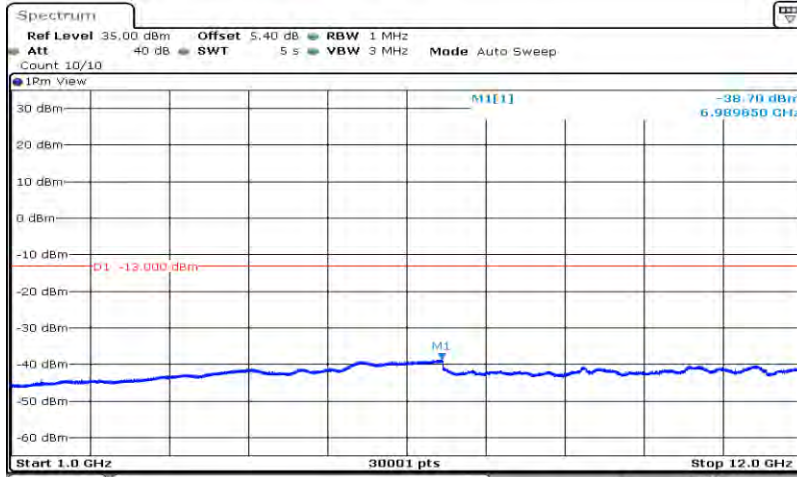


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Date: 25.DEC.2019 02:59:25

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

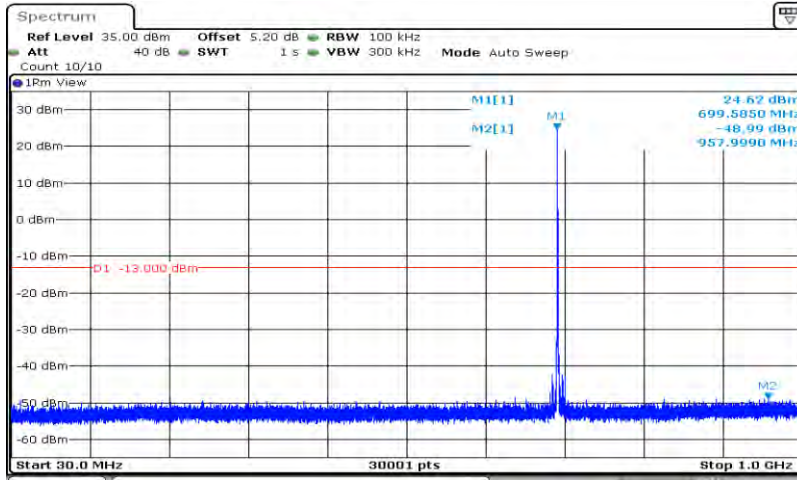


Date: 25.DEC.2019 03:00:33

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

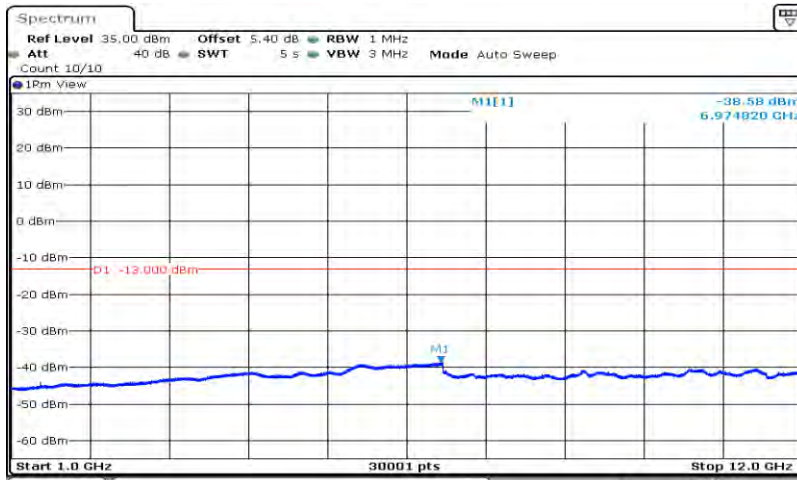


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Date: 25.DEC.2019 02:49:29

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



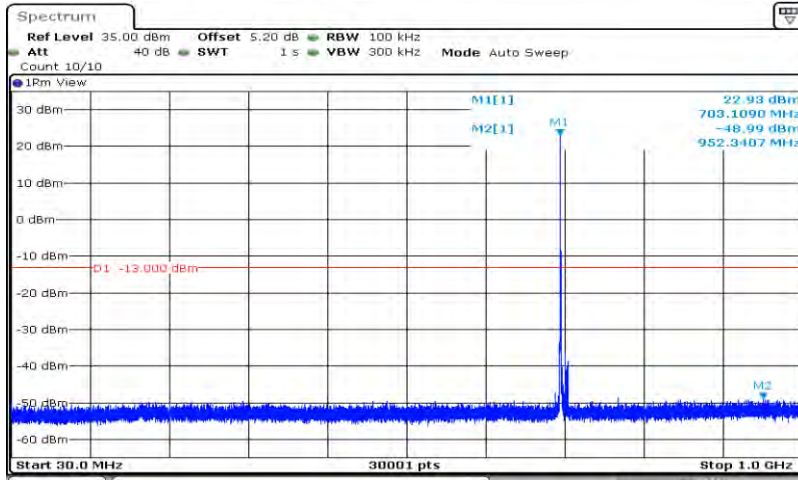
Date: 25.DEC.2019 02:50:37

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



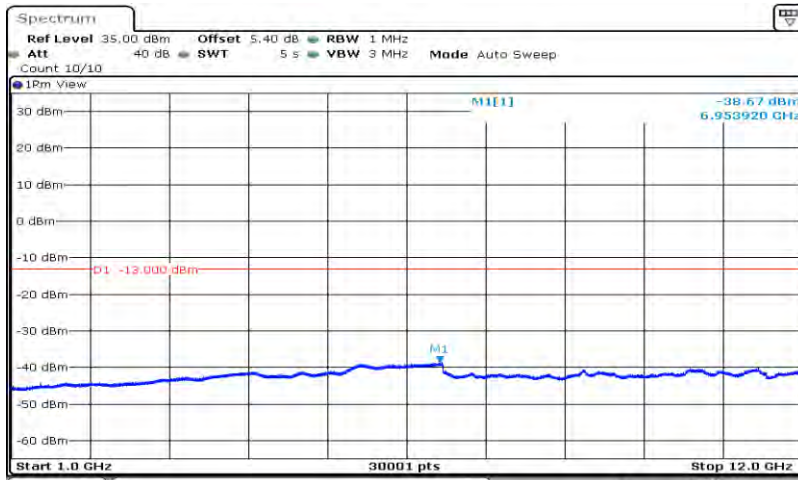
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Date: 25.DEC.2019 02:53:46

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

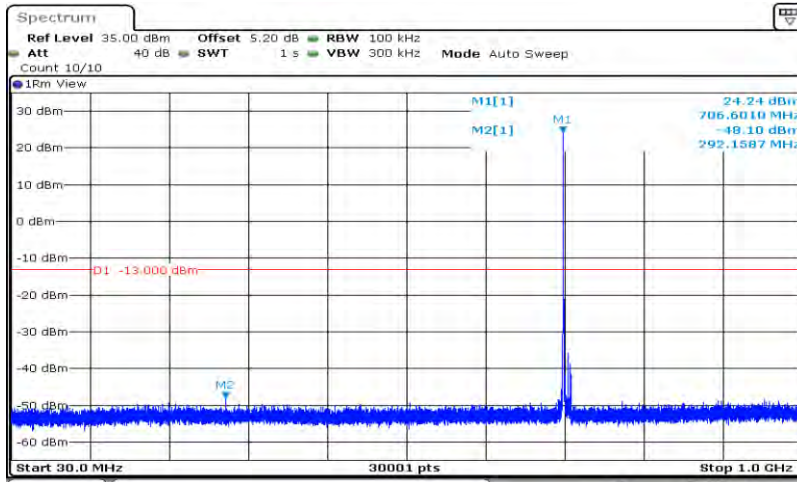


Date: 25.DEC.2019 02:54:53

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

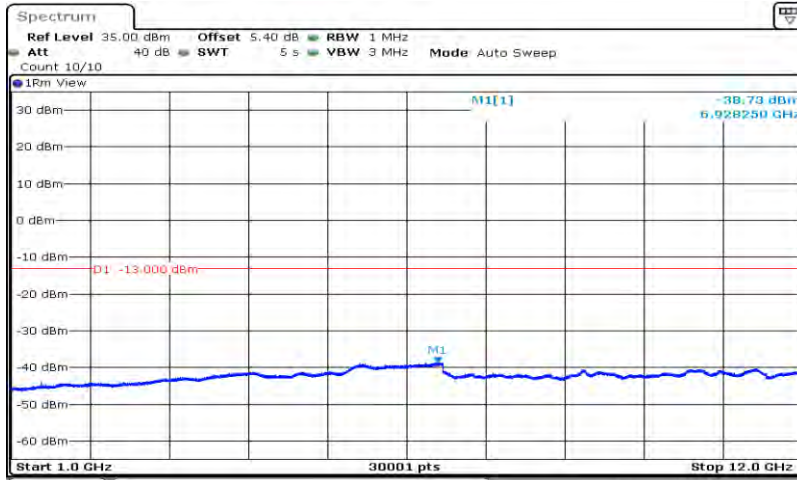


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Date: 25.DEC.2019 02:58:01

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



Date: 25.DEC.2019 02:59:09



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 ( Ant0)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.6224	-65.24	-13.00	52.24	Vertical
561.2471	-65.53	-13.00	52.53	Vertical
992.7246	-56.95	-13.00	43.95	Vertical
1838.5677	-58.05	-13.00	45.05	Vertical
14687.2675	-48.59	-13.00	35.59	Vertical
17998.8000	-40.72	-13.00	27.72	Vertical
40.6705	-64.90	-13.00	51.90	Horizontal
239.1425	-68.32	-13.00	55.32	Horizontal
997.3809	-56.72	-13.00	43.72	Horizontal
1398.8798	-64.54	-13.00	51.54	Horizontal
9315.2526	-52.97	-13.00	39.97	Horizontal
16377.5351	-44.19	-13.00	31.19	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
105.7608	-65.40	-13.00	52.40	Vertical
487.3294	-67.10	-13.00	54.10	Vertical
993.2582	-56.85	-13.00	43.85	Vertical
1406.0812	-63.12	-13.00	50.12	Vertical
14479.0592	-49.20	-13.00	36.20	Vertical
17987.9995	-42.44	-13.00	29.44	Vertical
42.8046	-64.52	-13.00	51.52	Horizontal
233.2737	-68.70	-13.00	55.70	Horizontal
999.4180	-56.96	-13.00	43.96	Horizontal
1406.0812	-59.33	-13.00	46.33	Horizontal
7468.3787	-57.77	-13.00	44.77	Horizontal
16396.1358	-44.92	-13.00	31.92	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.7080	-65.50	-13.00	52.50	Vertical
437.6629	-67.64	-13.00	54.64	Vertical
984.7702	-57.93	-13.00	44.93	Vertical
1413.2827	-65.92	-13.00	52.92	Vertical
14490.4596	-50.24	-13.00	37.24	Vertical
16378.1351	-50.45	-13.00	37.45	Vertical
39.7490	-65.67	-13.00	52.67	Horizontal
226.2408	-69.02	-13.00	56.02	Horizontal
999.8060	-56.71	-13.00	43.71	Horizontal
1412.8826	-64.54	-13.00	51.54	Horizontal
7962.7985	-58.00	-13.00	45.00	Horizontal
16396.7359	-46.24	-13.00	33.24	Horizontal

## 7.2. Test Mode =LTE/TM1 ( Ant1)

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
108.9134	-65.35	-13.00	52.35	Vertical
465.3578	-66.79	-13.00	53.79	Vertical
2992.3985	-56.26	-13.00	43.26	Vertical
7363.3745	-56.88	-13.00	43.88	Vertical
14494.6598	-48.87	-13.00	35.87	Vertical
17994.5998	-42.36	-13.00	29.36	Vertical
41.7376	-64.12	-13.00	51.12	Horizontal
231.0426	-67.63	-13.00	54.63	Horizontal
576.9133	-63.93	-13.00	50.93	Horizontal
2695.5391	-56.13	-13.00	43.13	Horizontal
9997.4799	-54.21	-13.00	41.21	Horizontal
16398.5359	-45.84	-13.00	32.84	Horizontal



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### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.3015	-64.46	-13.00	51.46	Vertical
509.4950	-65.96	-13.00	52.96	Vertical
987.1954	-57.46	-13.00	44.46	Vertical
2999.1998	-56.34	-13.00	43.34	Vertical
14474.2590	-50.97	-13.00	37.97	Vertical
17999.4000	-45.94	-13.00	32.94	Vertical
41.3981	-63.31	-13.00	50.31	Horizontal
227.8899	-68.54	-13.00	55.54	Horizontal
979.6775	-57.64	-13.00	44.64	Horizontal
2689.9380	-56.30	-13.00	43.30	Horizontal
10011.8805	-54.29	-13.00	41.29	Horizontal
16372.1349	-47.29	-13.00	34.29	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.6068	-64.91	-13.00	51.91	Vertical
562.0716	-66.35	-13.00	53.35	Vertical
1000.0000	-56.95	-13.00	43.95	Vertical
2951.5903	-56.89	-13.00	43.89	Vertical
14480.8592	-51.89	-13.00	38.89	Vertical
17998.8000	-47.57	-13.00	34.57	Vertical
39.9915	-64.82	-13.00	51.82	Horizontal
231.0426	-68.14	-13.00	55.14	Horizontal
998.6419	-56.84	-13.00	43.84	Horizontal
2693.9388	-56.10	-13.00	43.10	Horizontal
10008.2803	-54.86	-13.00	41.86	Horizontal
16390.7356	-49.32	-13.00	36.32	Horizontal

**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	-4.40	-0.006250	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-1.10	-0.001563	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.70	-0.003835	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-0.60	-0.000848	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	3.20	0.004523	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-5.40	-0.007633	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	0.20	0.000281	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-4.70	-0.006610	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-5.30	-0.007454	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VL	NT	0.40	0.000568	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VN	NT	-1.80	-0.002557	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	5.00	0.007102	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	-1.70	-0.002403	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	2.50	0.003534	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	-0.90	-0.001272	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	1.60	0.002250	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-2.90	-0.004079	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-1.70	-0.002415	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	-2.30	-0.003267	±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	1.60	0.002261	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	0.40	0.000565	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	3.50	0.004947	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-4.40	-0.006188	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-4.90	-0.006892	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-3.10	-0.004360	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-1.60	-0.002273	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	2.50	0.003551	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.10	-0.001563	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-4.30	-0.006108	±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	30	-2.90	-0.004119	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	4.30	0.006108	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	2.00	0.002841	±2.5	PASS



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Band12	10MHz	QPSK	23095	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-0.20	-0.000283	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	1.50	0.002120	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-1.80	-0.002544	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-0.80	-0.001131	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-0.50	-0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-2.90	-0.004099	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	0.50	0.000707	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-5.70	-0.008017	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-0.30	-0.000422	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-3.80	-0.005345	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	1.90	0.002672	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-2.50	-0.003516	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	2.70	0.003797	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	0.00	0.000000	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	2.80	0.003977	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	3.20	0.004545	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	2.00	0.002841	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	-2.20	-0.003125	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	-3.00	-0.004261	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	30	-2.80	-0.003977	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	40	-3.60	-0.005114	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	50	4.30	0.006108	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	-1.70	-0.002403	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	-0.80	-0.001131	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	1.30	0.001837	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	3.30	0.004664	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	1.30	0.001837	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	2.80	0.003958	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	2.70	0.003816	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	2.00	0.002827	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	-2.00	-0.002813	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	-1.80	-0.002532	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	-1.80	-0.002532	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	-2.00	-0.002813	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-1.70	-0.002391	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-2.80	-0.003938	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-2.40	-0.003376	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	-1.20	-0.001688	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	1.60	0.002273	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	2.90	0.004119	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-5.30	-0.007528	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-4.90	-0.006960	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-4.30	-0.006108	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	-4.30	-0.006108	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	4.80	0.006818	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	-4.40	-0.006250	±2.5	PASS



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Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-4.10	-0.005795	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-3.00	-0.004240	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-2.20	-0.003110	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-1.30	-0.001837	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-1.40	-0.001979	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-1.70	-0.002403	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-1.70	-0.002391	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	0.60	0.000844	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	1.30	0.001828	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	1.80	0.002532	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	2.30	0.003235	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	2.20	0.003094	±2.5	PASS

The End



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