



# Appendix B

## E-UTRA Band 12



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## CONTENT

<b>1. EFFECTIVE (ISOTROPIC) RADIATED POWER .....</b>	<b>4</b>
1.1. TEST RESULT FOR DOWN ANTENNA .....	4
1.2. TEST RESULT FOR UP ANTENNA .....	10
<b>2. PEAK-TO-AVERAGE RATIO(CCDF) .....</b>	<b>18</b>
2.1. TEST RESULT .....	18
2.2. TEST PLOTS .....	18
<b>3. MODULATION CHARACTERISTICS.....</b>	<b>23</b>
3.1. TEST BAND = LTE BAND 12.....	23
3.2. TEST MODE = LTE /TM1 10MHZ.....	23
3.2.1. TEST CHANNEL = MCH .....	23
3.3. TEST MODE = LTE /TM2 10MHZ.....	24
3.3.1. TEST CHANNEL = MCH .....	24
3.4. TEST MODE = LTE /TM3 10MHZ.....	25
3.4.1. TEST CHANNEL = MCH .....	25
<b>4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....</b>	<b>26</b>
4.1. TEST RESULT .....	26
4.2. TEST PLOTS .....	27
<b>5. BAND EDGE COMPLIANCE.....</b>	<b>45</b>
5.1. TEST PLOTS .....	45
<b>6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....</b>	<b>69</b>
6.1. TEST PLOTS .....	69
<b>7. FIELD STRENGTH OF SPURIOUS RADIATION .....</b>	<b>78</b>
7.1. TEST BAND = LTE BAND 12.....	78
7.1.1. TEST MODE =LTE/TM1(DOWN ANT).....	78
7.1.1.1. TEST CHANNEL = LCH_ VERTICAL .....	78
7.1.1.2. TEST CHANNEL = LCH_ HORIZONTAL .....	79
7.1.1.3. TEST CHANNEL = MCH_ VERTICAL .....	80
7.1.1.4. TEST CHANNEL = MCH_ HORIZONTAL.....	81



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7.1.1.5. TEST CHANNEL = HCH\_ VERTICAL .....82

7.1.1.6. TEST CHANNEL = HCH\_ HORIZONTAL.....83

7.1.2. TEST MODE =LTE/TM1 (UP ANT) .....84

7.1.2.1. TEST CHANNEL = LCH\_ VERTICAL .....84

7.1.2.2. TEST CHANNEL = LCH\_ HORIZONTAL .....85

7.1.2.3. TEST CHANNEL = MCH\_ VERTICAL .....86

7.1.2.4. TEST CHANNEL = MCH\_ HORIZONTAL.....87

7.1.2.5. TEST CHANNEL = HCH\_ VERTICAL .....88

7.1.2.6. TEST CHANNEL = HCH\_ HORIZONTAL.....89

**8. FREQUENCY STABILITY .....90**

8.1. FREQUENCY VS VOLTAGE.....90

8.2. FREQUENCY VS TEMPERATURE.....91



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# 1. Effective (Isotropic) Radiated Power

## 1.1. Test Result for Down Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.74	16.42	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.67	16.35	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.79	16.47	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.81	16.49	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.87	16.55	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.81	16.49	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.88	15.56	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.78	16.46	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.70	16.38	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.77	16.45	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.73	16.41	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.82	16.50	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.83	16.51	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.83	15.51	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.78	16.46	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.68	16.36	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.78	16.46	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.72	16.40	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.75	16.43	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.78	16.46	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.85	15.53	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.83	14.51	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.90	14.58	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.82	14.50	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.90	14.58	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.98	14.66	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.91	14.59	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	19.94	12.62	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	22.20	14.88	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.11	14.79	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	22.20	14.88	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.87	14.55	34.77	PASS



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Band12	1.4MHz	64QAM	23095	3RB#1	22.12	14.80	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.83	14.51	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.02	12.70	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	22.12	14.80	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.90	14.58	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.89	14.57	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	22.10	14.78	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.85	14.53	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.99	14.67	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.07	12.75	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.94	15.62	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.77	15.45	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.04	15.72	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.80	15.48	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.93	15.61	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.98	15.66	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.93	14.61	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.01	15.69	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.76	15.44	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.05	15.73	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.79	15.47	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.84	15.52	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.86	15.54	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.93	14.61	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.03	15.71	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.73	15.41	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.92	15.60	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.86	15.54	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.87	15.55	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.90	15.58	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.77	14.45	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.96	16.64	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.89	16.57	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.71	16.39	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.69	15.37	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.92	15.60	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.84	15.52	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.74	15.42	34.77	PASS



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Band12	3MHz	QPSK	23095	1RB#0	23.78	16.46	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.74	16.42	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.75	16.43	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.91	15.59	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.73	15.41	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.79	15.47	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.86	15.54	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.73	16.41	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.68	16.36	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.76	16.44	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.87	15.55	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.75	15.43	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.74	15.42	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.88	15.56	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	22.18	14.86	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.99	14.67	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	22.01	14.69	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.88	13.56	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.96	13.64	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.94	13.62	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	21.18	13.86	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.89	14.57	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.89	14.57	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.87	14.55	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	21.08	13.76	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	21.01	13.69	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	21.11	13.79	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.81	13.49	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	22.17	14.85	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	22.12	14.80	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.03	14.71	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	21.17	13.85	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.90	13.58	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	21.16	13.84	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	21.06	13.74	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.90	15.58	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.01	15.69	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.88	15.56	34.77	PASS



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Band12	3MHz	16QAM	23025	8RB#0	21.70	14.38	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.75	14.43	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.89	14.57	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.73	14.41	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.03	15.71	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.07	15.75	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.04	15.72	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.90	14.58	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.80	14.48	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.89	14.57	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.89	14.57	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.94	15.62	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.95	15.63	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.09	15.77	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.82	14.50	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.82	14.50	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.88	14.56	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.87	14.55	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.78	16.46	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.83	16.51	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.93	16.61	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.79	15.47	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.96	15.64	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.01	15.69	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.82	15.50	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.75	16.43	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.84	16.52	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.84	16.52	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.95	15.63	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.83	15.51	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.85	15.53	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.77	15.45	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.68	16.36	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.78	16.46	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.73	16.41	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.92	15.60	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.72	15.40	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.84	15.52	34.77	PASS



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Band12	5MHz	QPSK	23155	25RB#0	22.91	15.59	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.87	14.55	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.93	14.61	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.85	14.53	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.90	13.58	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.82	13.50	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	21.06	13.74	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.81	13.49	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.17	14.85	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.98	14.66	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#24	22.15	14.83	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	21.16	13.84	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.97	13.65	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.94	13.62	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.90	13.58	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.91	14.59	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	22.04	14.72	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.83	14.51	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.90	13.58	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.99	13.67	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.94	13.62	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.81	13.49	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.92	15.60	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.84	15.52	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.10	15.78	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.80	14.48	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.93	14.61	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.70	14.38	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.84	14.52	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.95	15.63	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.88	15.56	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.06	15.74	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.93	14.61	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.89	14.57	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.01	14.69	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.80	14.48	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.01	15.69	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.75	15.43	34.77	PASS



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Band12	5MHz	16QAM	23155	1RB#24	23.00	15.68	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.86	14.54	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.67	14.35	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.87	14.55	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.73	14.41	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.74	16.42	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.72	16.40	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.76	16.44	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.91	15.59	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.77	15.45	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.70	15.38	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.93	15.61	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.62	16.30	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.72	16.40	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.92	16.60	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.92	15.60	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.91	15.59	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.77	15.45	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.82	15.50	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.79	16.47	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.76	16.44	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.75	16.43	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.74	15.42	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.98	15.66	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.73	15.41	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.74	15.42	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	22.15	14.83	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.93	14.61	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.80	14.48	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	21.05	13.73	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	21.03	13.71	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	21.02	13.70	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.80	13.48	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.17	14.85	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	22.07	14.75	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.00	14.68	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	21.19	13.87	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	21.08	13.76	34.77	PASS



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Band12	10MHz	64QAM	23095	25RB#25	21.10	13.78	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.01	13.69	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.13	14.81	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.09	14.77	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.87	14.55	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	21.19	13.87	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.13	13.81	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.94	13.62	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.82	13.50	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.93	15.61	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.81	15.49	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.08	15.76	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.85	14.53	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.74	14.42	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.86	14.54	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.88	14.56	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.78	15.46	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.72	15.40	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.07	15.75	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.88	14.56	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.87	14.55	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.91	14.59	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.85	14.53	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.98	15.66	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.73	15.41	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.93	15.61	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.80	14.48	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.72	14.40	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.77	14.45	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.74	14.42	34.77	PASS

## 1.2. Test Result for Up Antenna

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.71	13.89	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.65	13.83	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.79	13.97	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.70	13.88	34.77	PASS



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Band12	1.4MHz	QPSK	23017	3RB#1	23.76	13.94	34.77	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.77	13.95	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.76	12.94	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.78	13.96	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.62	13.80	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.71	13.89	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.86	14.04	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.73	13.91	34.77	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.70	13.88	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.92	13.10	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.73	13.91	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.72	13.90	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.68	13.86	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.82	14.00	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.68	13.86	34.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.70	13.88	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.87	13.05	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	21.71	11.89	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.64	11.82	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.66	11.84	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.71	11.89	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.70	11.88	34.77	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.71	11.89	34.77	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.67	10.85	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.83	12.01	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	22.01	12.19	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.95	12.13	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.90	12.08	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.65	11.83	34.77	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.92	12.10	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.71	10.89	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.91	12.09	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.69	11.87	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	22.14	12.32	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.87	12.05	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.88	12.06	34.77	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.99	12.17	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.82	11.00	34.77	PASS



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Band12	1.4MHz	16QAM	23017	1RB#0	22.88	13.06	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.70	12.88	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.86	13.04	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.81	12.99	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.80	12.98	34.77	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.76	12.94	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.68	11.86	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.02	13.20	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.77	12.95	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.86	13.04	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.80	12.98	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.81	12.99	34.77	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.74	12.92	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.71	11.89	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.99	13.17	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.76	12.94	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.93	13.11	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.90	13.08	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.94	13.12	34.77	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.93	13.11	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.81	11.99	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.65	13.83	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.89	14.07	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.70	13.88	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.65	12.83	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.85	13.03	34.77	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.84	13.02	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.71	12.89	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.75	13.93	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.79	13.97	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.79	13.97	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.89	13.07	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.77	12.95	34.77	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.77	12.95	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.79	12.97	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.89	14.07	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.75	13.93	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.68	13.86	34.77	PASS



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Band12	3MHz	QPSK	23165	8RB#0	22.90	13.08	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.88	13.06	34.77	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.71	12.89	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.90	13.08	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.65	11.83	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.82	12.00	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.69	11.87	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.64	10.82	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.68	10.86	34.77	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.79	10.97	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.90	11.08	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.99	12.17	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.86	12.04	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	22.04	12.22	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.91	11.09	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#4	20.71	10.89	34.77	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.69	10.87	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.86	11.04	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.72	11.90	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.92	12.10	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	22.06	12.24	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.75	10.93	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.64	10.82	34.77	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.78	10.96	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.62	10.80	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.73	12.91	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.77	12.95	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.88	13.06	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.65	11.83	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.90	12.08	34.77	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.79	11.97	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.67	11.85	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.98	13.16	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.02	13.20	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.89	13.07	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.89	12.07	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.84	12.02	34.77	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.83	12.01	34.77	PASS



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Band12	3MHz	16QAM	23095	15RB#0	21.85	12.03	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.88	13.06	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.90	13.08	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.07	13.25	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.68	11.86	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.59	11.77	34.77	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.81	11.99	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.88	12.06	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.69	13.87	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.74	13.92	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.68	13.86	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.75	12.93	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.95	13.13	34.77	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.82	13.00	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.87	13.05	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.88	14.06	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.81	13.99	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.75	13.93	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.76	12.94	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.80	12.98	34.77	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.86	13.04	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.89	13.07	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.69	13.87	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.82	14.00	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.67	13.85	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.95	13.13	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.92	13.10	34.77	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.74	12.92	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.88	13.06	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.77	11.95	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.60	11.78	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.65	11.83	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.69	10.87	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.66	10.84	34.77	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.89	11.07	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.80	10.98	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	22.08	12.26	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.83	12.01	34.77	PASS



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Band12	5MHz	64QAM	23095	1RB#24	21.98	12.16	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.74	10.92	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.82	11.00	34.77	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.73	10.91	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.90	11.08	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	22.16	12.34	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.75	11.93	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.91	12.09	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.93	11.11	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.91	11.09	34.77	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.87	11.05	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.64	10.82	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.85	13.03	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.81	12.99	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.80	12.98	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.70	11.88	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.66	11.84	34.77	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.91	12.09	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.80	11.98	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.05	13.23	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.68	12.86	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.84	13.02	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.70	11.88	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.84	12.02	34.77	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.89	12.07	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.88	12.06	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.08	13.26	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.92	13.10	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.97	13.15	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.86	12.04	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.85	12.03	34.77	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.82	12.00	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.83	12.01	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.72	13.90	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.63	13.81	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.69	13.87	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.88	13.06	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.75	12.93	34.77	PASS



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Band12	10MHz	QPSK	23060	25RB#25	22.76	12.94	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.89	13.07	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.70	13.88	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.80	13.98	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.81	13.99	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.76	12.94	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.71	12.89	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.81	12.99	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.69	12.87	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.76	13.94	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.67	13.85	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.68	13.86	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.84	13.02	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.72	12.90	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.81	12.99	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.75	12.93	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.76	11.94	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.77	11.95	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.80	11.98	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.76	10.94	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.68	10.86	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.80	10.98	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	20.84	11.02	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.81	11.99	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.79	11.97	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.00	12.18	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.67	10.85	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.94	11.12	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.66	10.84	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.71	10.89	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	22.09	12.27	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	21.93	12.11	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.93	12.11	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.86	11.04	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.67	10.85	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.92	11.10	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.84	11.02	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.77	12.95	34.77	PASS



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Band12	10MHz	16QAM	23060	1RB#24	22.93	13.11	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.90	13.08	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.74	11.92	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.65	11.83	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.78	11.96	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.81	11.99	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.81	12.99	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.87	13.05	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.94	13.12	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.69	11.87	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.86	12.04	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.86	12.04	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.63	11.81	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.95	13.13	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.84	13.02	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.79	12.97	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.86	12.04	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.59	11.77	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.79	11.97	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.78	11.96	34.77	PASS

**Remark:**

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

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

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



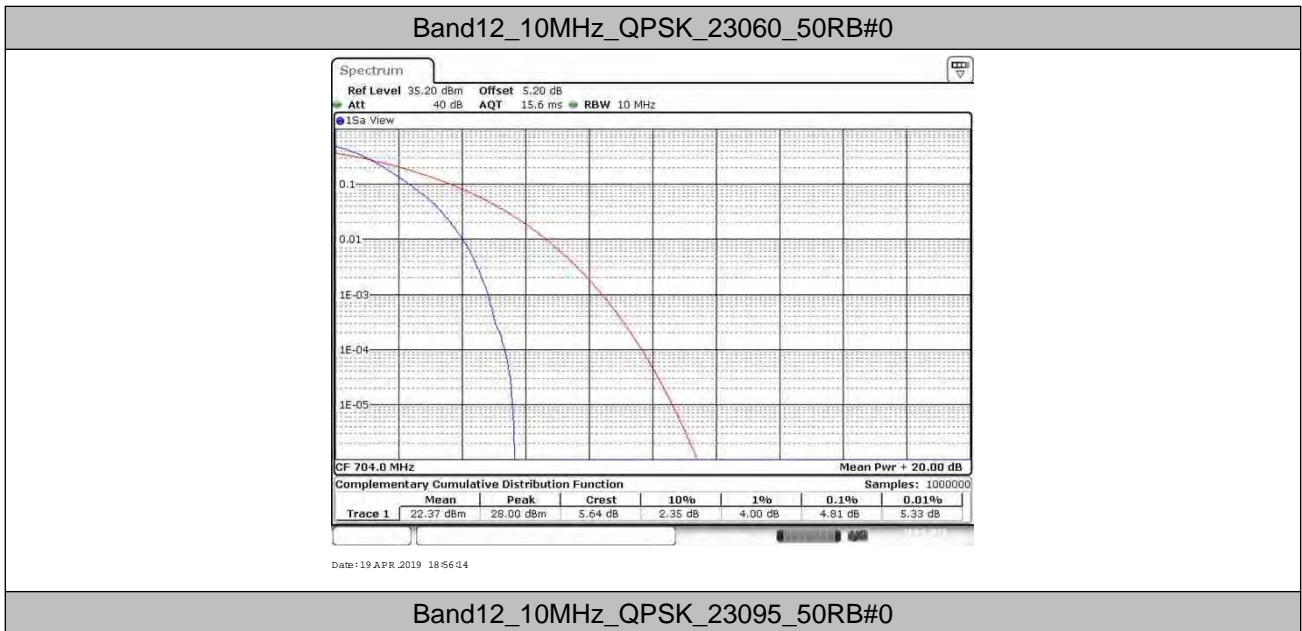
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## 2. Peak-to-Average Ratio(CCDF)

### 2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	4.81	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.13	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.84	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.71	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	5.91	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.77	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.77	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.91	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.77	13	PASS

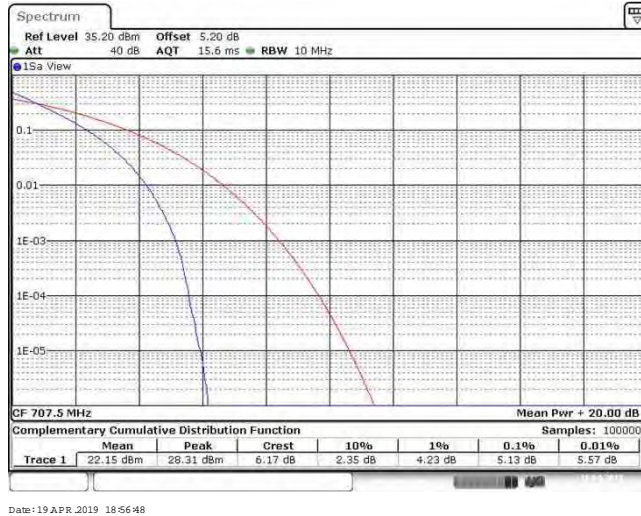
### 2.2. Test Plots



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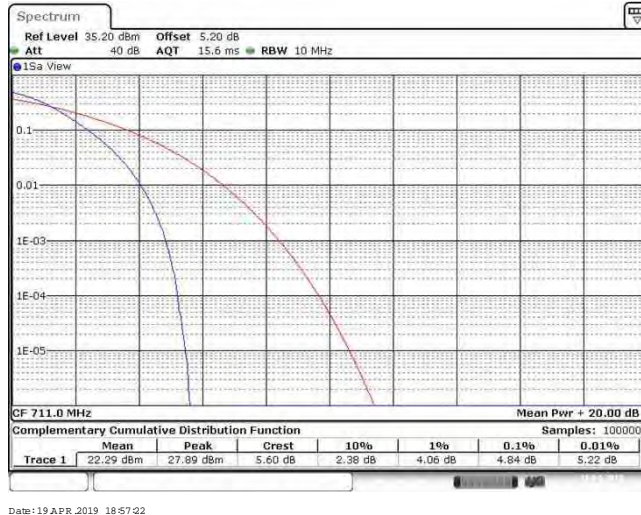
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Date: 19 APR. 2019 18:56:48

**Band12\_10MHz\_QPSK\_23130\_50RB#0**

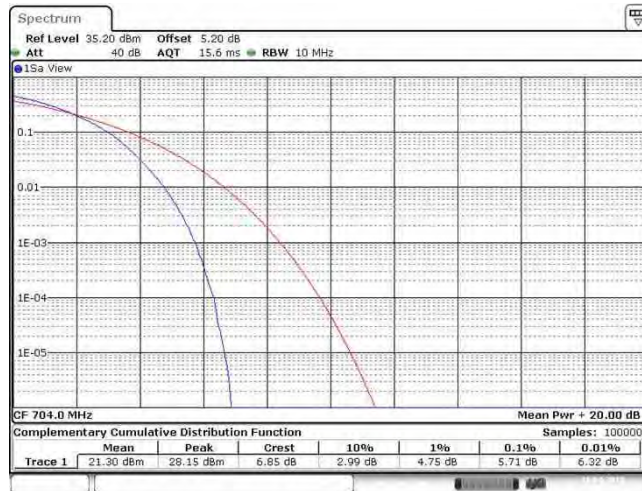


Date: 19 APR. 2019 18:57:22

**Band12\_10MHz\_64QAM\_23060\_50RB#0**

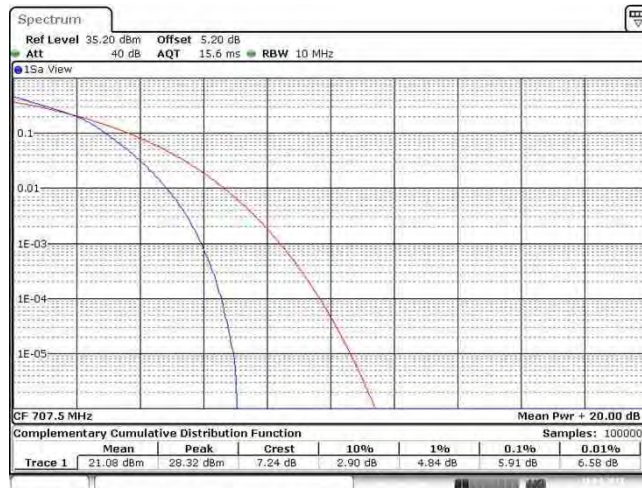


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Date: 19 APR. 2019 18:56:37

**Band12\_10MHz\_64QAM\_23095\_50RB#0**



Date: 19 APR. 2019 18:57:40

**Band12\_10MHz\_64QAM\_23130\_50RB#0**

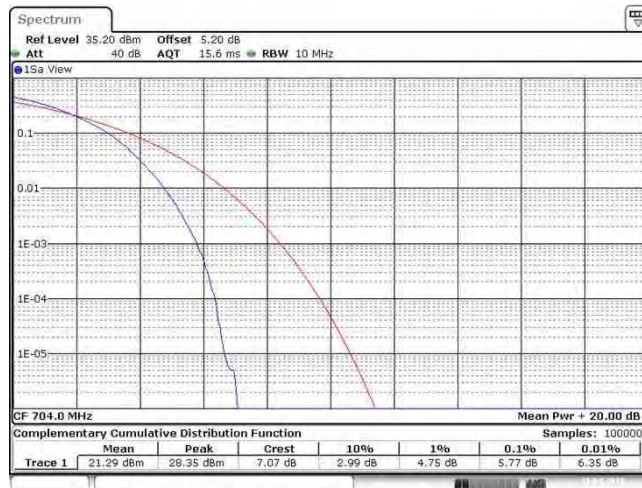


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Date: 19 APR. 2019 18:57:44

**Band12\_10MHz\_16QAM\_23060\_50RB#0**

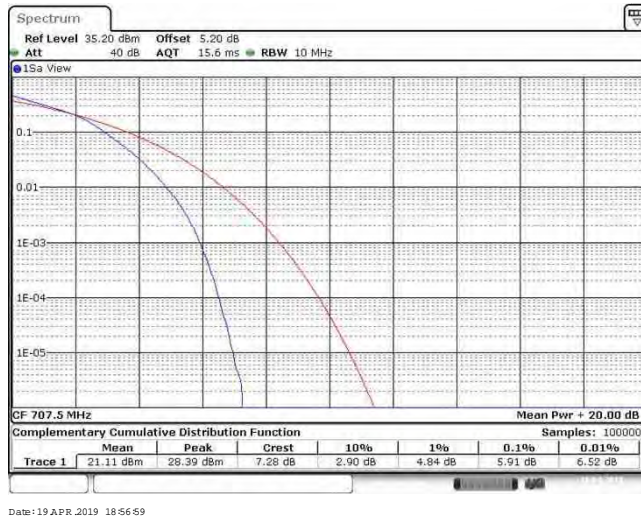


Date: 19 APR. 2019 18:56:26

**Band12\_10MHz\_16QAM\_23095\_50RB#0**

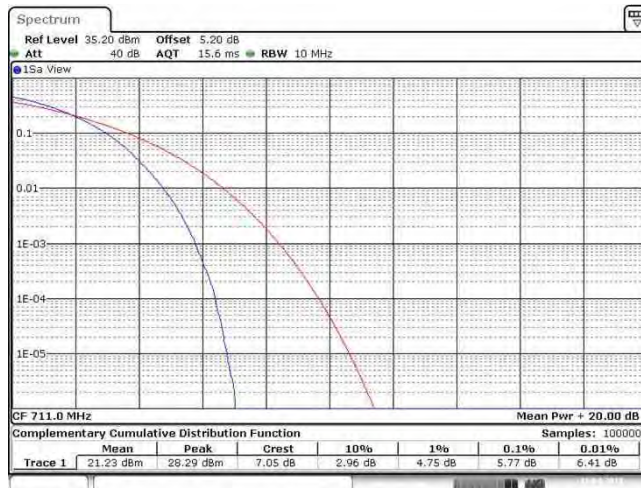


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Date: 19 APR. 2019 18:56:59

**Band12\_10MHz\_16QAM\_23130\_50RB#0**



Date: 19 APR. 2019 18:57:33



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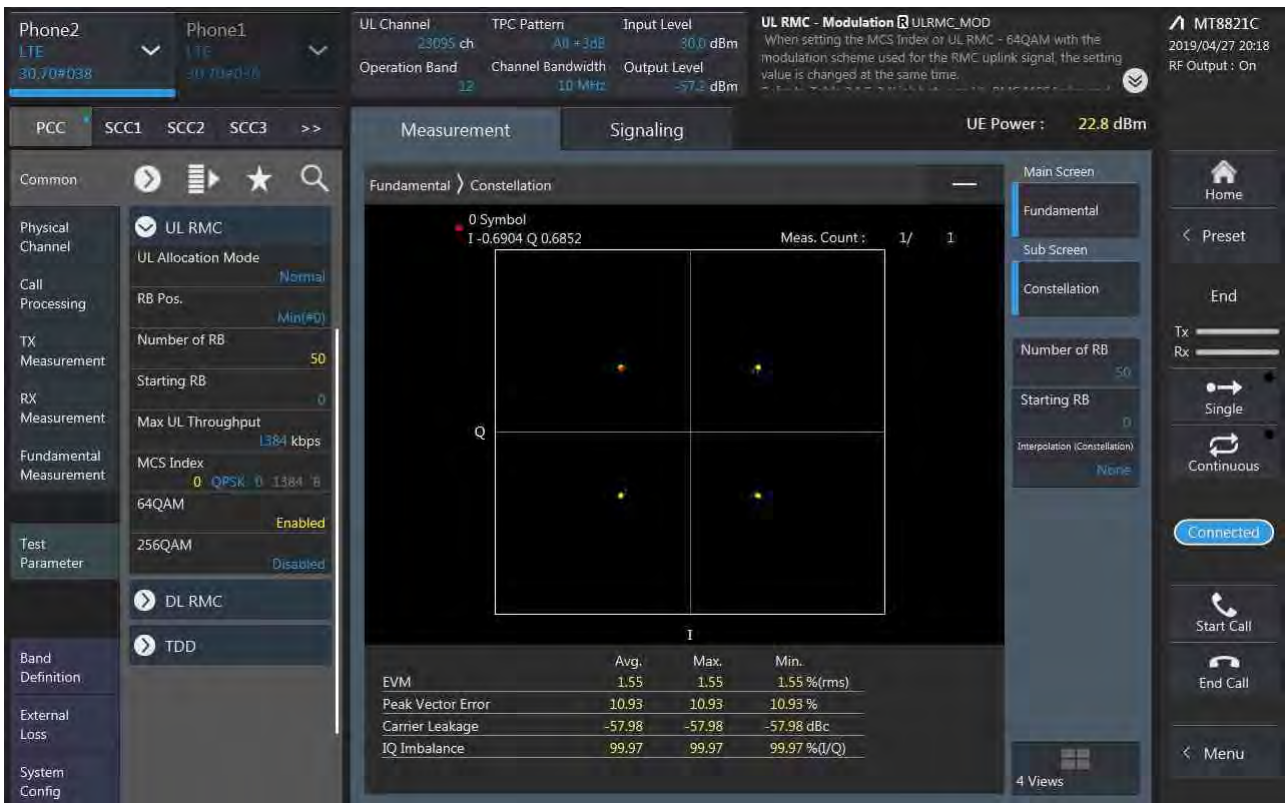


### 3. Modulation Characteristics

#### 3.1. Test BAND = LTE Band 12

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

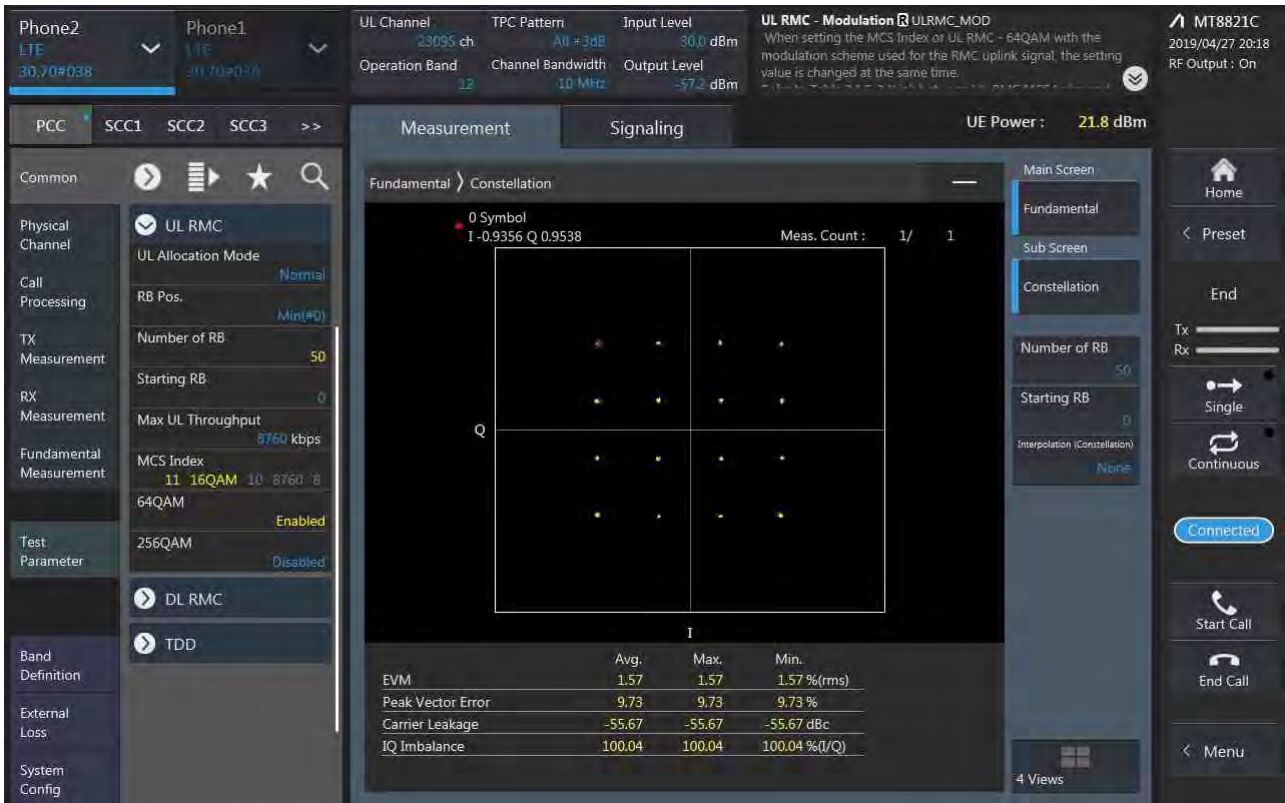
#### 3.2.1. Test Channel = MCH



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

#### 3.3.1. Test Channel = MCH

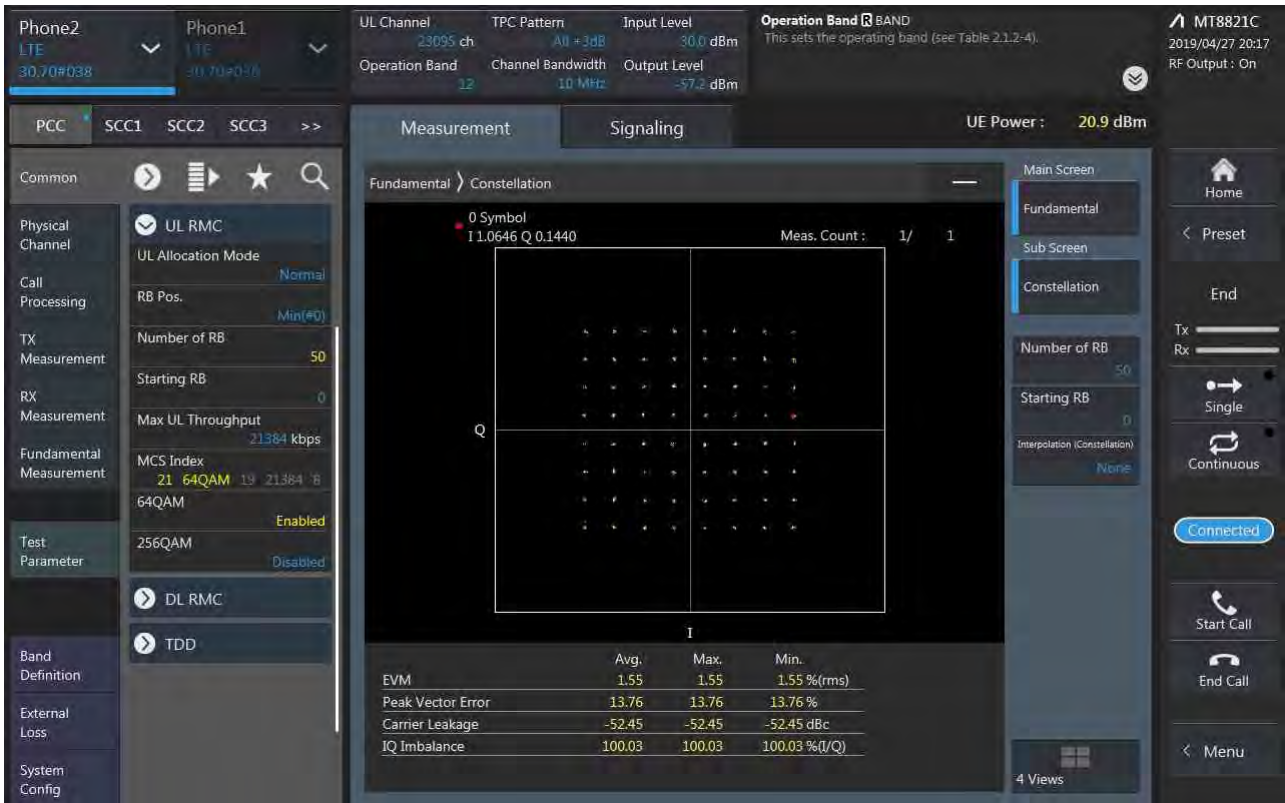


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### 3.4. Test Mode = LTE /TM3 10MHz

#### 3.4.1. Test Channel = MCH



## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.100	1.245	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.097	1.251	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.103	1.257	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.097	1.245	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.097	1.248	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.097	1.251	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.100	1.251	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.100	1.251	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.103	1.257	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.691	2.976	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.697	2.976	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.697	2.988	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.697	2.970	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.709	2.982	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.697	2.970	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.691	2.964	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.697	2.970	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.691	2.952	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.466	4.900	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.476	4.930	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.456	4.870	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.456	4.890	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.476	4.940	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.456	4.880	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.466	4.910	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.476	4.910	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.456	4.890	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.911	9.740	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.971	9.900	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.911	9.760	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.911	9.700	PASS



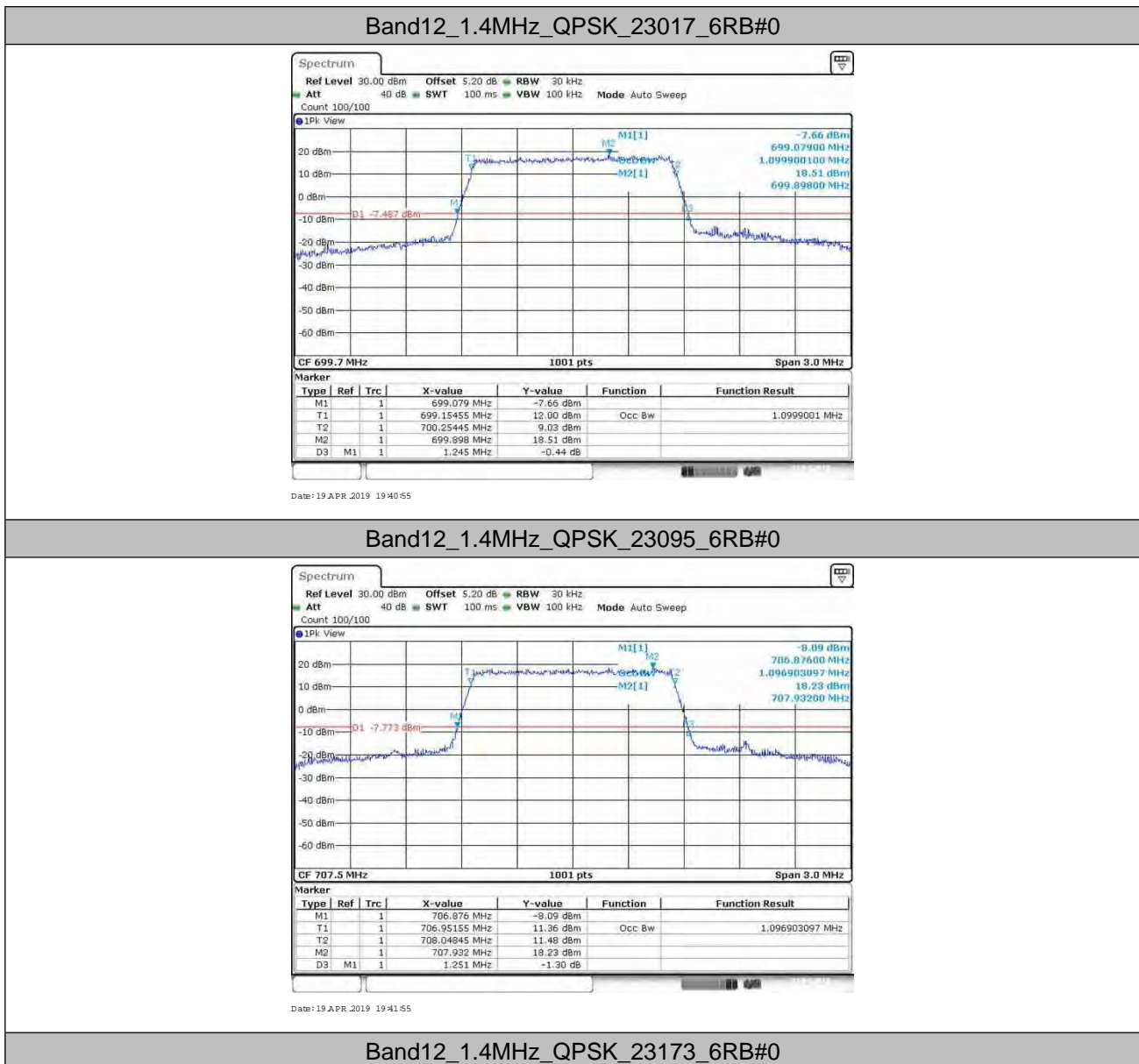
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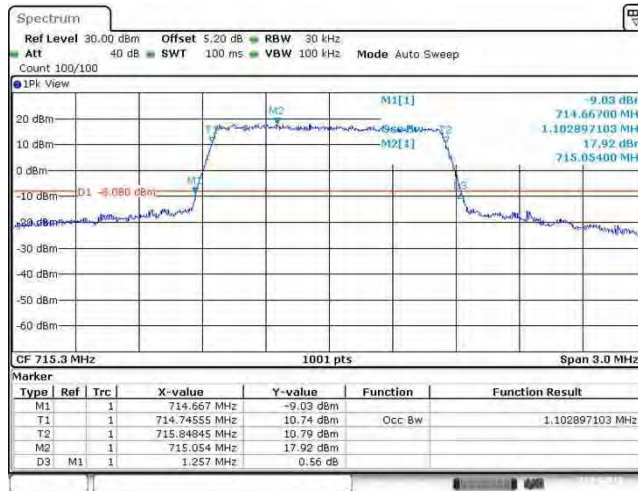
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Band12	10MHz	64QAM	23095	50RB#0	8.971	9.840	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.911	9.740	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.911	9.720	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.971	9.880	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.911	9.700	PASS

## 4.2. Test Plots

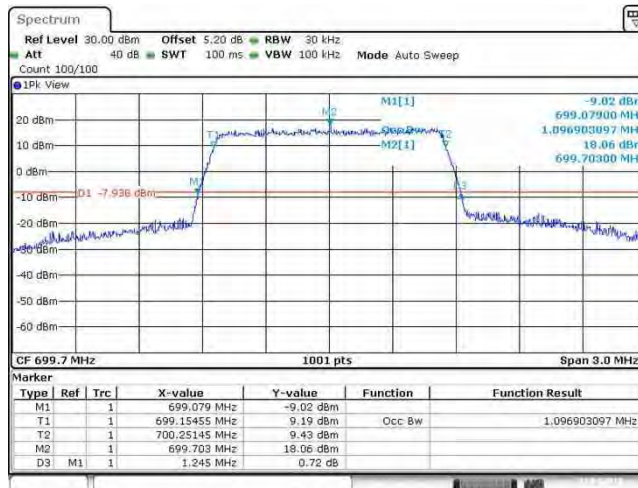


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Date: 19 APR 2019 19:42:54

**Band12\_1.4MHz\_64QAM\_23017\_6RB#0**

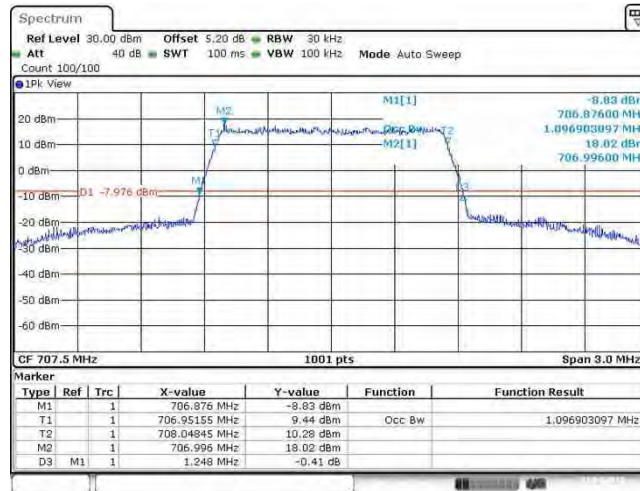


Date: 19 APR 2019 19:41:34

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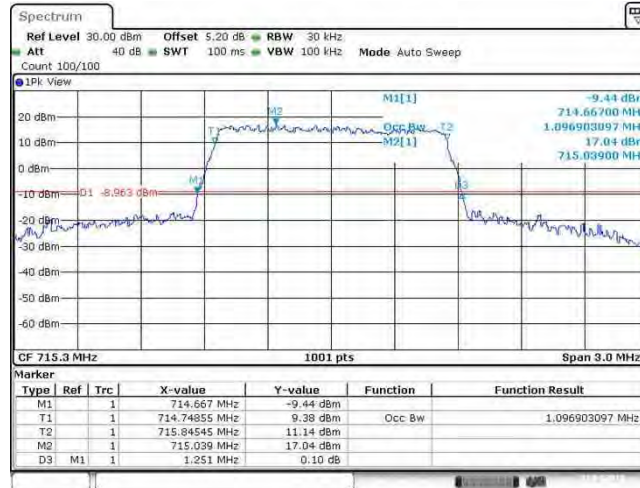


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Date: 19 APR. 2019 19:42:34

**Band12\_1.4MHz\_64QAM\_23173\_6RB#0**

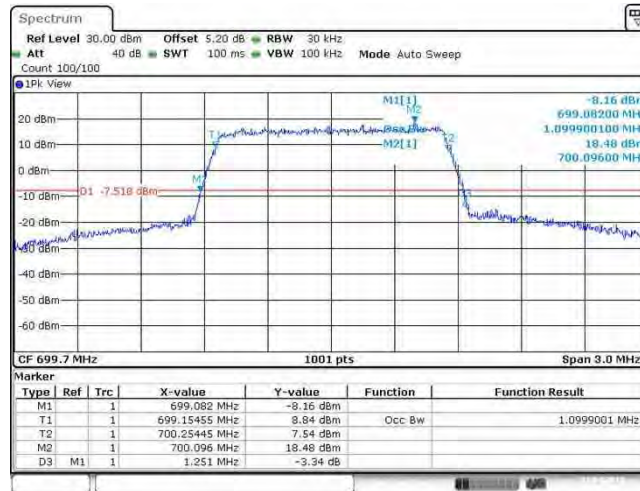


Date: 19 APR. 2019 19:43:34

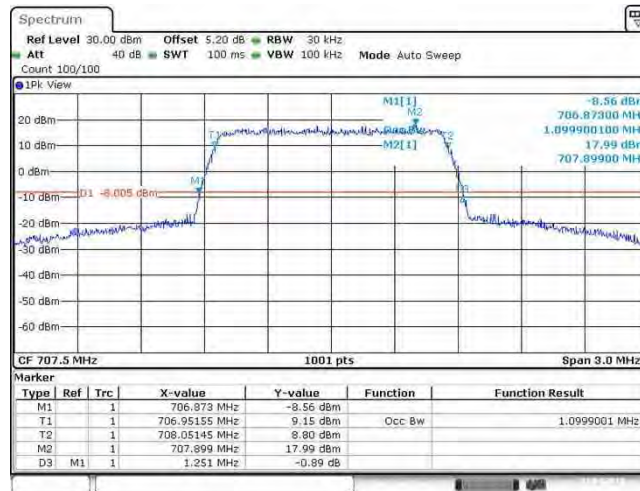
**Band12\_1.4MHz\_16QAM\_23017\_6RB#0**



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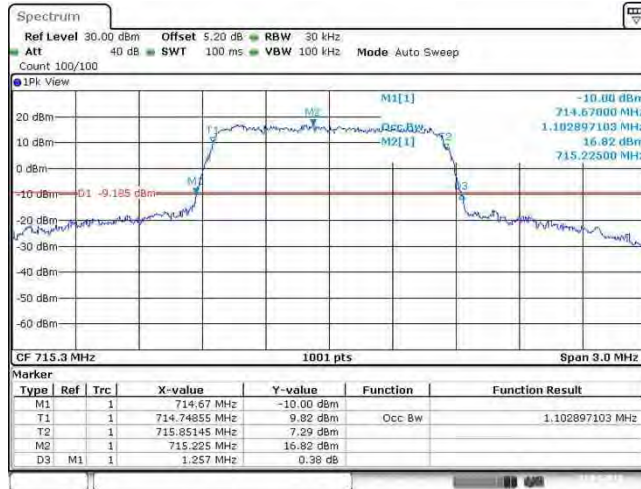
**Band12\_1.4MHz\_16QAM\_23095\_6RB#0**



**Band12\_1.4MHz\_16QAM\_23173\_6RB#0**

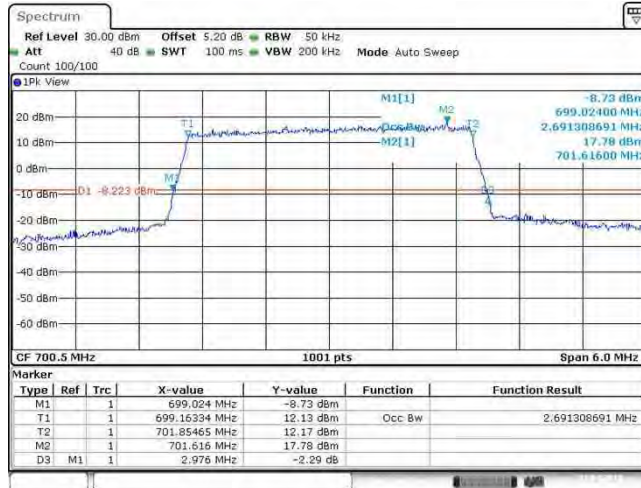


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Date: 19 APR. 2019 19:43:14

**Band12\_3MHz\_QPSK\_23025\_15RB#0**

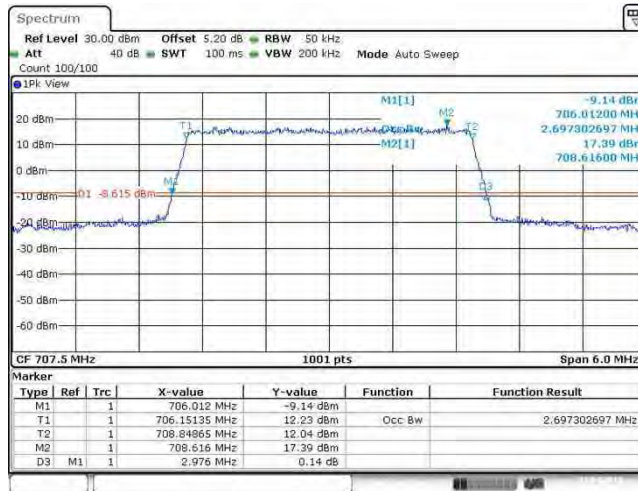


Date: 19 APR. 2019 19:43:56

**Band12\_3MHz\_QPSK\_23095\_15RB#0**

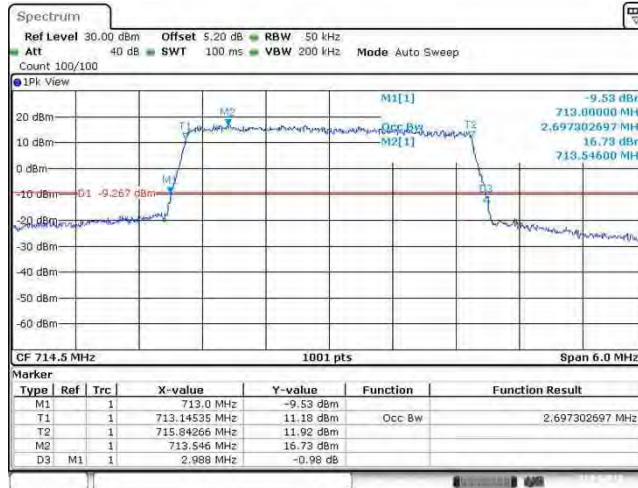


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Date: 19 APR. 2019 19:44:56

**Band12\_3MHz\_QPSK\_23165\_15RB#0**



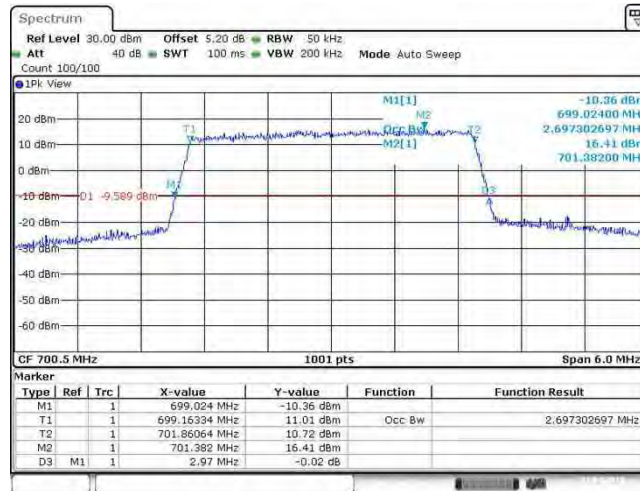
Date: 19 APR. 2019 19:45:56

**Band12\_3MHz\_64QAM\_23025\_15RB#0**



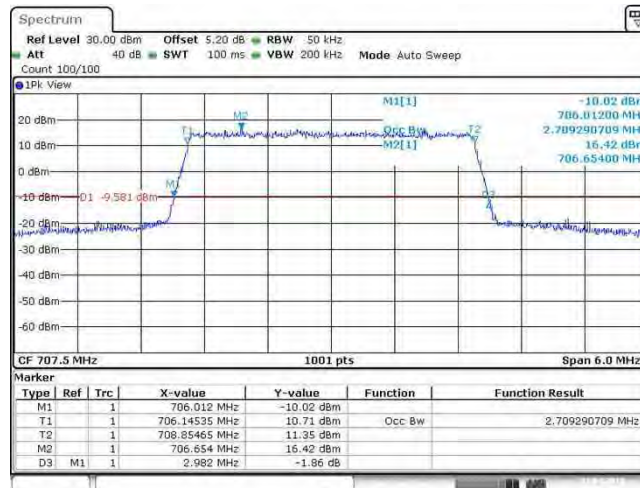
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Date: 19 APR 2019 19:44:36

**Band12\_3MHz\_64QAM\_23095\_15RB#**

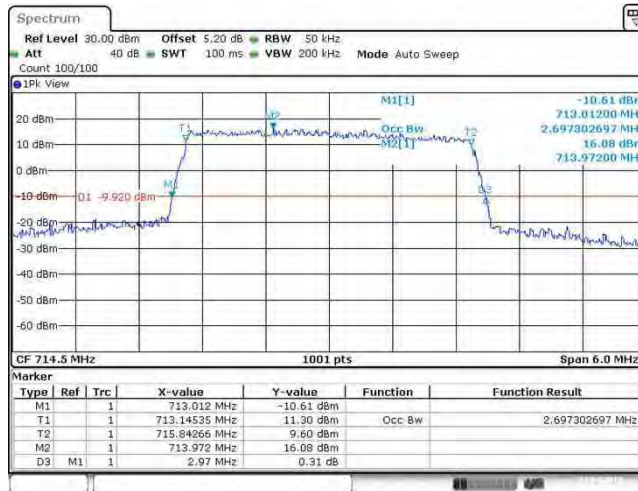


Date: 19 APR 2019 19:45:35

**Band12\_3MHz\_64QAM\_23165\_15RB#**

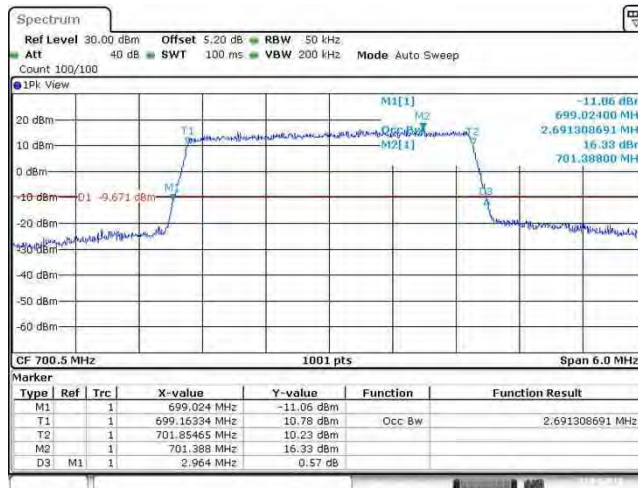


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Date: 19 APR 2019 19:46:35

**Band12\_3MHz\_16QAM\_23025\_15RB#0**

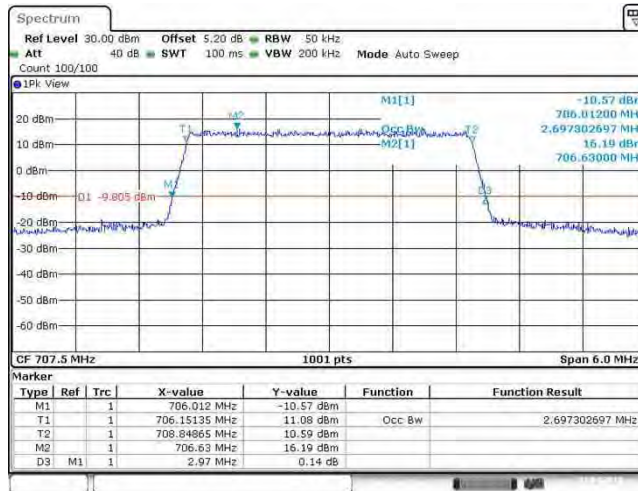


Date: 19 APR 2019 19:44:16

**Band12\_3MHz\_16QAM\_23095\_15RB#0**

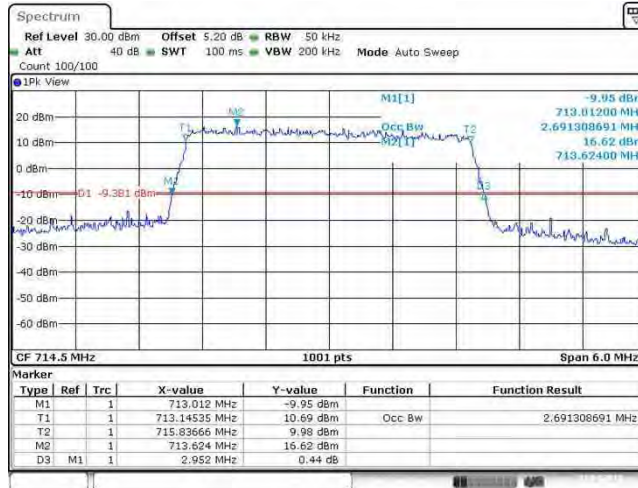


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Date: 19 APR 2019 19:45:15

**Band12\_3MHz\_16QAM\_23165\_15RB#**

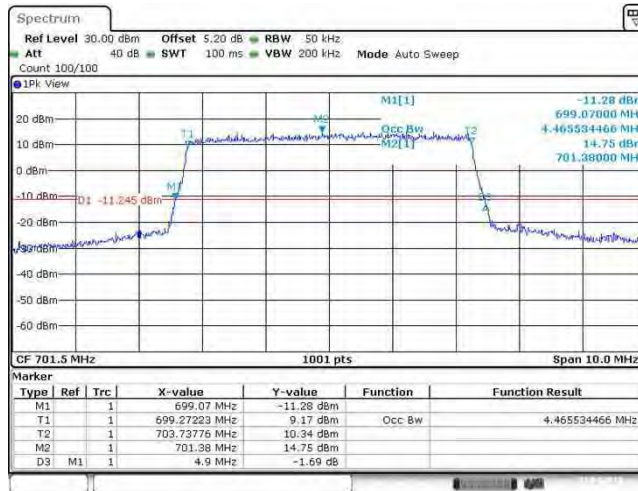


Date: 19 APR 2019 19:46:16

**Band12\_5MHz\_QPSK\_23035\_25RB#**

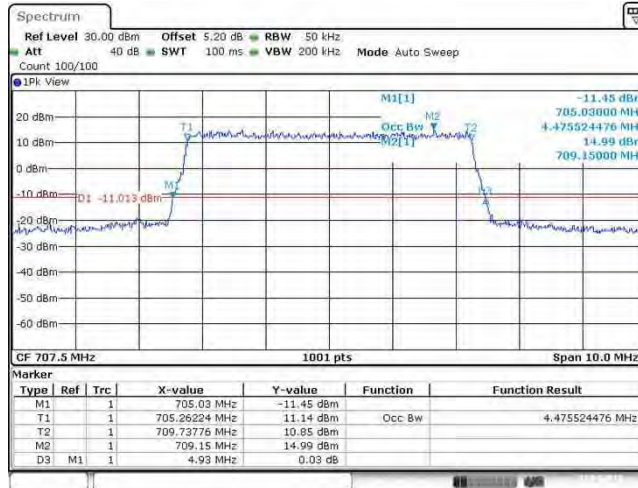


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Date: 19 APR 2019 19:46:57

**Band12\_5MHz\_QPSK\_23095\_25RB#0**

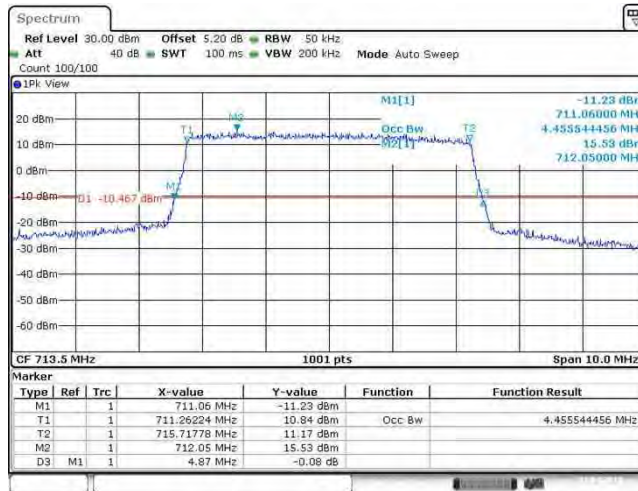


Date: 19 APR 2019 19:47:56

**Band12\_5MHz\_QPSK\_23155\_25RB#0**

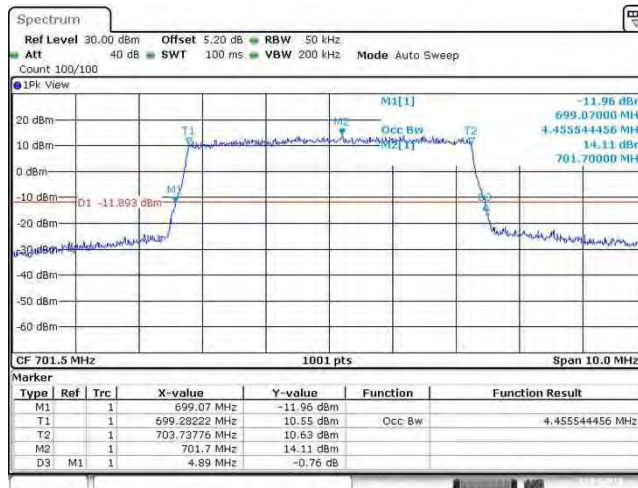


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Date: 19 APR 2019 19:48:57

**Band12\_5MHz\_64QAM\_23035\_25RB#**

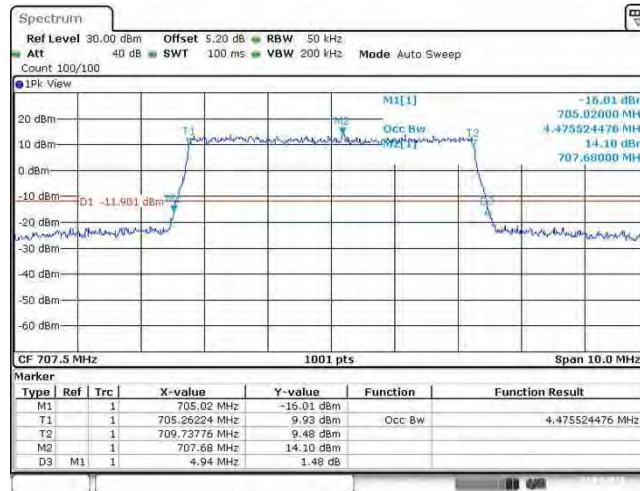


Date: 19 APR 2019 19:47:36

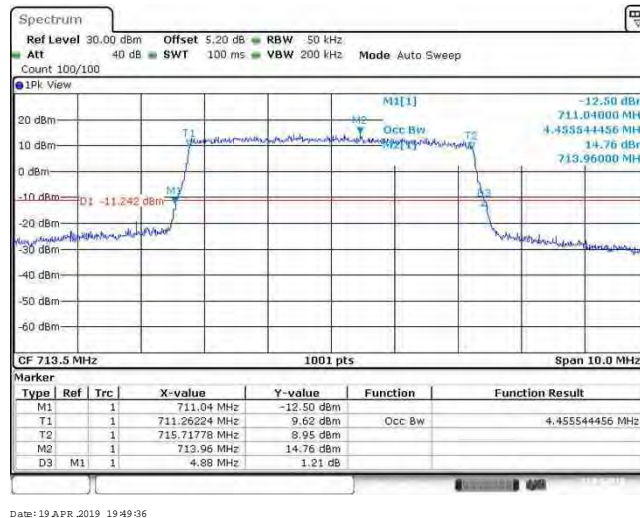
**Band12\_5MHz\_64QAM\_23095\_25RB#**



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**Band12\_5MHz\_64QAM\_23155\_25RB#**

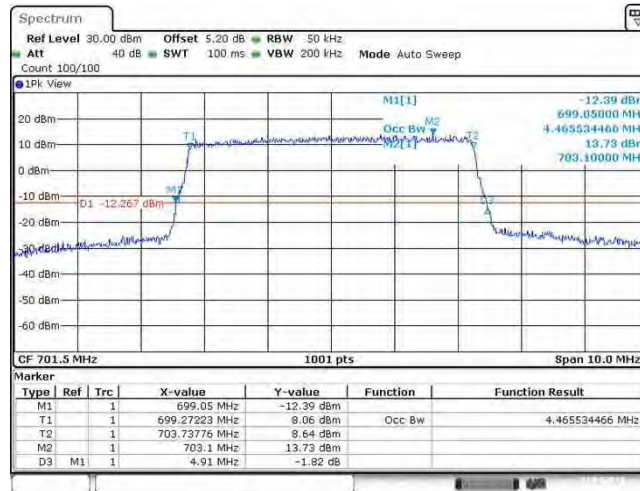


**Band12\_5MHz\_16QAM\_23035\_25RB#**



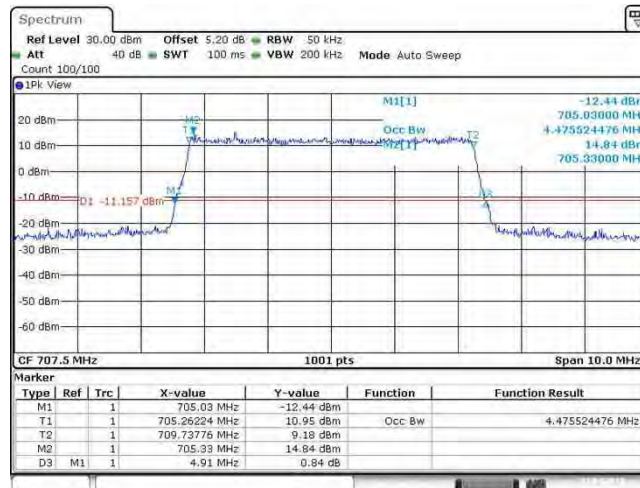
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Date: 19 APR 2019 19:47:17

**Band12\_5MHz\_16QAM\_23095\_25RB#0**

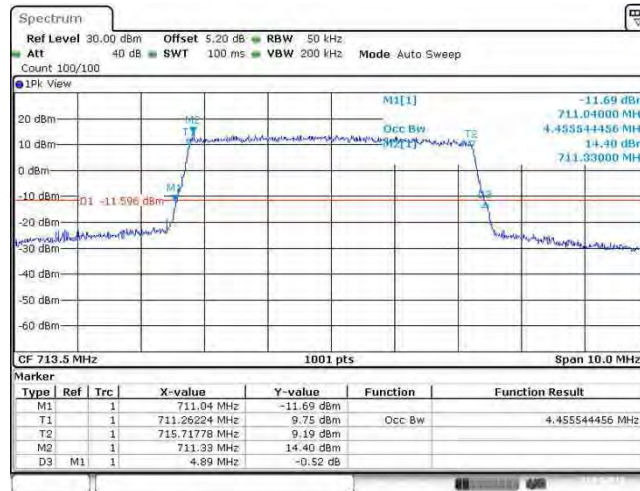


Date: 19 APR 2019 19:48:16

**Band12\_5MHz\_16QAM\_23155\_25RB#0**

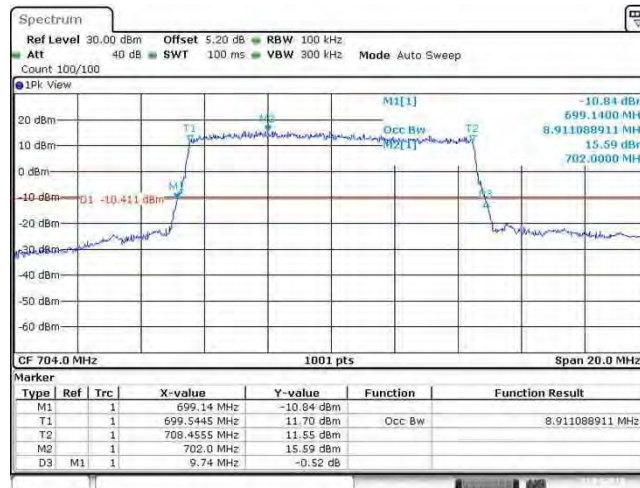


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Date: 19 APR. 2019 19:49:16

**Band12\_10MHz\_QPSK\_23060\_50RB#**



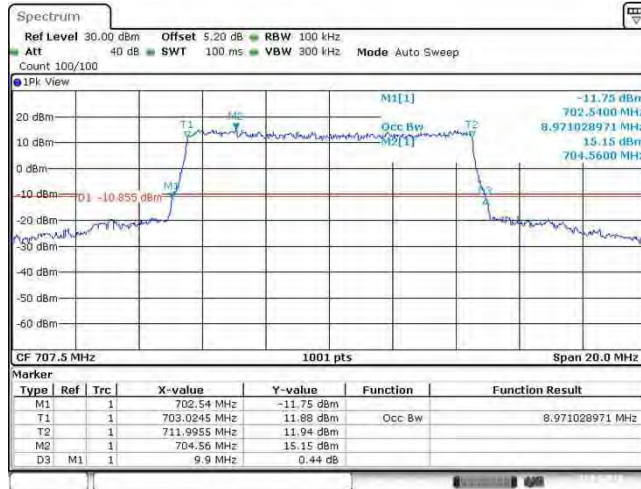
Date: 19 APR. 2019 19:49:58

**Band12\_10MHz\_QPSK\_23095\_50RB#**



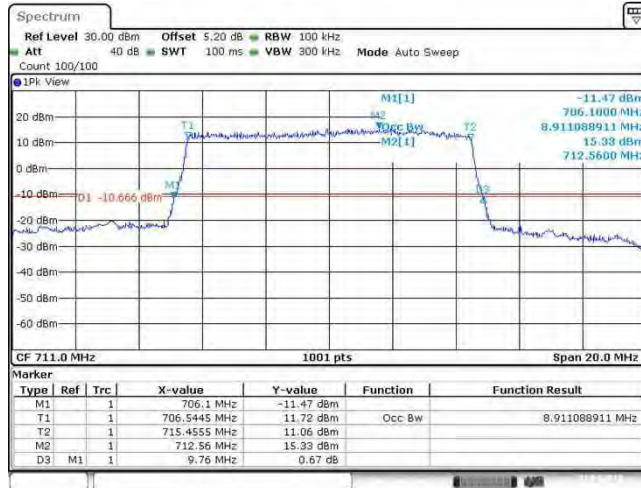
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Date: 19 APR 2019 19:50:58

**Band12\_10MHz\_QPSK\_23130\_50RB#0**

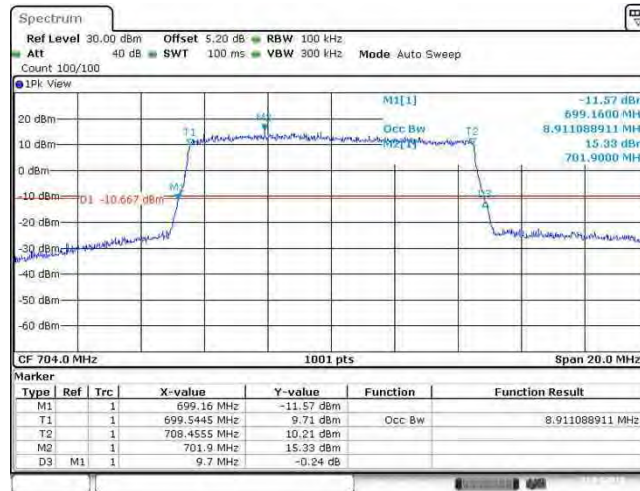


Date: 19 APR 2019 19:51:58

**Band12\_10MHz\_64QAM\_23060\_50RB#0**

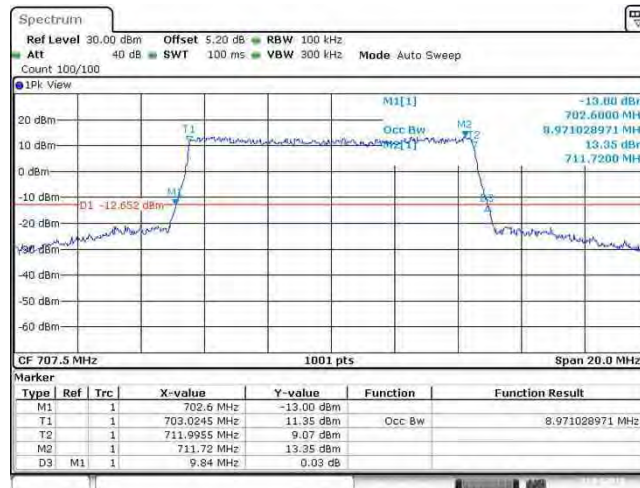


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Date: 19 APR 2019 19:50:37

**Band12\_10MHz\_64QAM\_23095\_50RB#0**

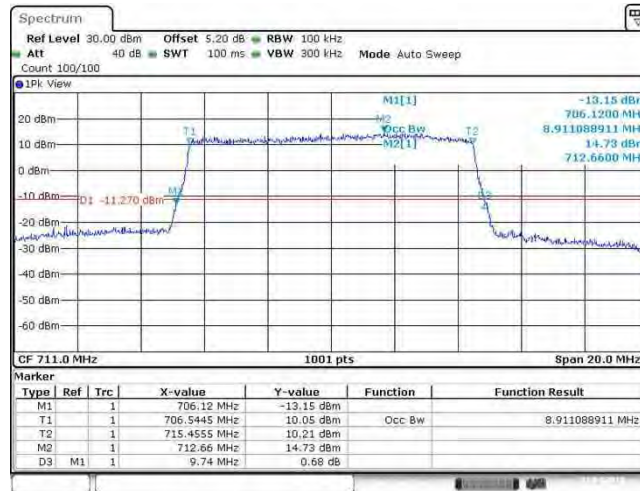


Date: 19 APR 2019 19:51:37

**Band12\_10MHz\_64QAM\_23130\_50RB#0**

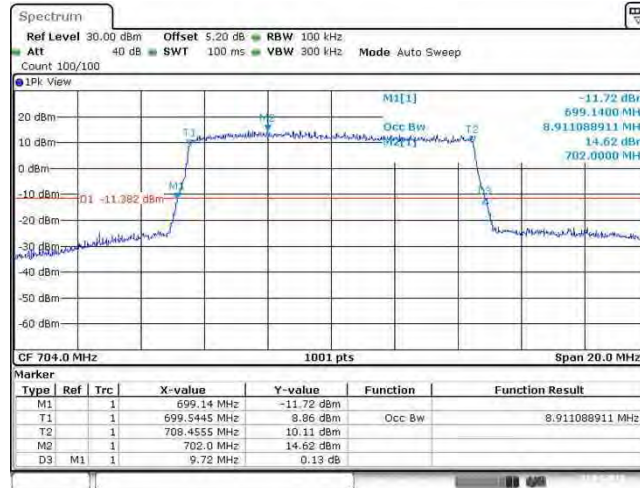


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Date: 19 APR 2019 19:52:37

**Band12\_10MHz\_16QAM\_23060\_50RB#0**

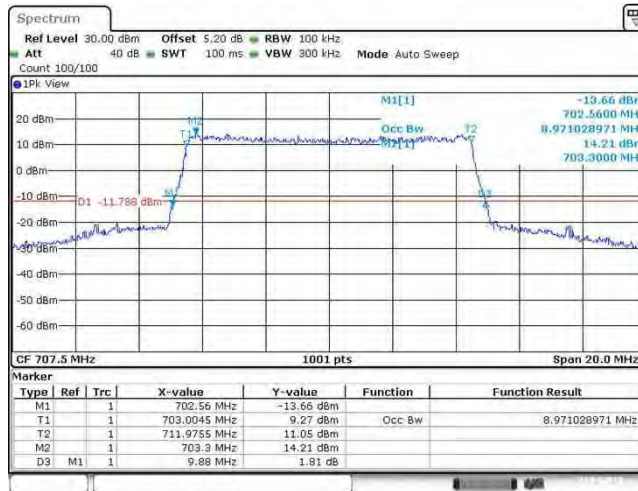


Date: 19 APR 2019 19:50:18

**Band12\_10MHz\_16QAM\_23095\_50RB#0**

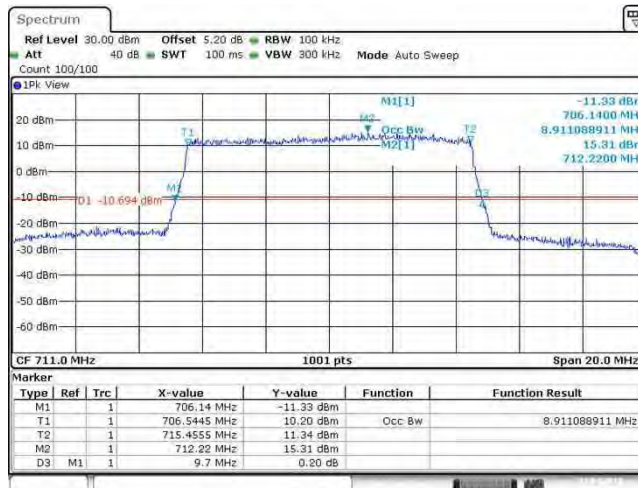


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Date: 19 APR 2019 19:51:17

**Band12\_10MHz\_16QAM\_23130\_50RB#0**



Date: 19 APR 2019 19:52:17



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## 5. Band Edge Compliance

### 5.1. Test Plots

Band12\_1.4MHz\_QPSK\_23017\_1RB#0



Date: 19 APR. 2019 19:52:59

Band12\_1.4MHz\_QPSK\_23017\_6RB#0



Date: 19 APR. 2019 19:53:57

Band12\_1.4MHz\_QPSK\_23173\_1RB#5



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Date: 19 APR. 2019 19:54:57

**Band12\_1.4MHz\_QPSK\_23173\_6RB#0**



Date: 19 APR. 2019 19:55:54

**Band12\_1.4MHz\_64QAM\_23017\_1RB#0**



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Date: 19 APR. 2019 19:53:38

**Band12\_1.4MHz\_64QAM\_23017\_6RB#0**



Date: 19 APR. 2019 19:54:36

**Band12\_1.4MHz\_64QAM\_23173\_1RB#5**



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Date: 19 APR. 2019 19:55:35

**Band12\_1.4MHz\_64QAM\_23173\_6RB#0**



Date: 19 APR. 2019 19:56:33

**Band12\_1.4MHz\_16QAM\_23017\_1RB#0**



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Date: 19 APR. 2019 19:53:18

**Band12\_1.4MHz\_16QAM\_23017\_6RB#0**



Date: 19 APR. 2019 19:54:16

**Band12\_1.4MHz\_16QAM\_23173\_1RB#5**



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Date: 19 APR. 2019 19:55:16

**Band12\_1.4MHz\_16QAM\_23173\_6RB#0**



Date: 19 APR. 2019 19:56:44

**Band12\_3MHz\_QPSK\_23025\_1RB#0**



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Date: 19 APR. 2019 19:56:54

**Band12\_3MHz\_QPSK\_23025\_15RB#0**



Date: 19 APR. 2019 19:57:52

**Band12\_3MHz\_QPSK\_23165\_1RB#14**



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Date: 19 APR. 2019 19:58:52

**Band12\_3MHz\_QPSK\_23165\_15RB#0**



Date: 19 APR. 2019 19:59:50

**Band12\_3MHz\_64QAM\_23025\_1RB#0**



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Date: 19 APR. 2019 19:57:33

**Band12\_3MHz\_64QAM\_23025\_15RB#0**



Date: 19 APR. 2019 19:58:31

**Band12\_3MHz\_64QAM\_23165\_1RB#14**



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Date: 19 APR. 2019 19:59:30

**Band12\_3MHz\_64QAM\_23165\_15RB#0**



Date: 19 APR. 2019 20:00:29

**Band12\_3MHz\_16QAM\_23025\_1RB#0**



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Date: 19 APR. 2019 19:57:14

**Band12\_3MHz\_16QAM\_23025\_15RB#0**



Date: 19 APR. 2019 19:58:12

**Band12\_3MHz\_16QAM\_23165\_1RB#14**



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Date: 19 APR. 2019 19:59:11

**Band12\_3MHz\_16QAM\_23165\_15RB#0**



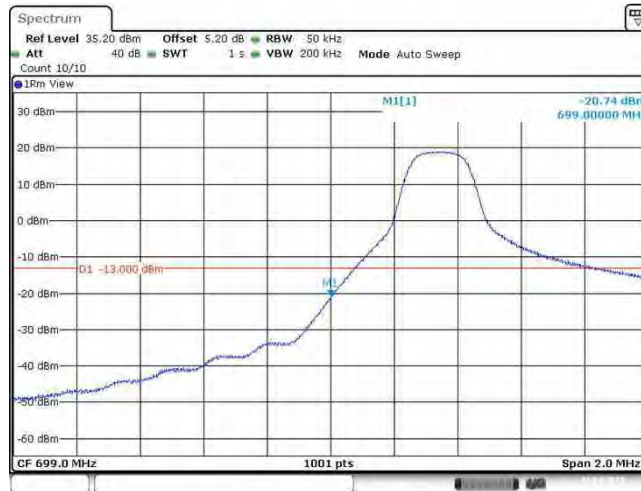
Date: 19 APR. 2019 20:00:09

**Band12\_5MHz\_QPSK\_23035\_1RB#0**



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Date: 19 APR. 2019 20:00:50

**Band12\_5MHz\_QPSK\_23035\_25RB#0**



Date: 19 APR. 2019 20:01:48

**Band12\_5MHz\_QPSK\_23155\_1RB#24**



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Date: 19 APR. 2019 20:02:48

**Band12\_5MHz\_QPSK\_23155\_25RB#0**

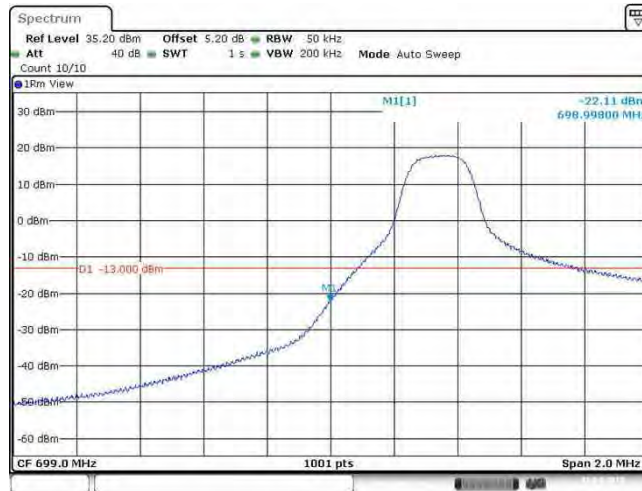


Date: 19 APR. 2019 20:03:46

**Band12\_5MHz\_64QAM\_23035\_1RB#0**



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Date: 19 APR. 2019 20:01:29

**Band12\_5MHz\_64QAM\_23035\_25RB#0**



Date: 19 APR. 2019 20:02:27

**Band12\_5MHz\_64QAM\_23155\_1RB#24**



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Date: 19 APR. 2019 20:03:26

**Band12\_5MHz\_64QAM\_23155\_25RB#0**

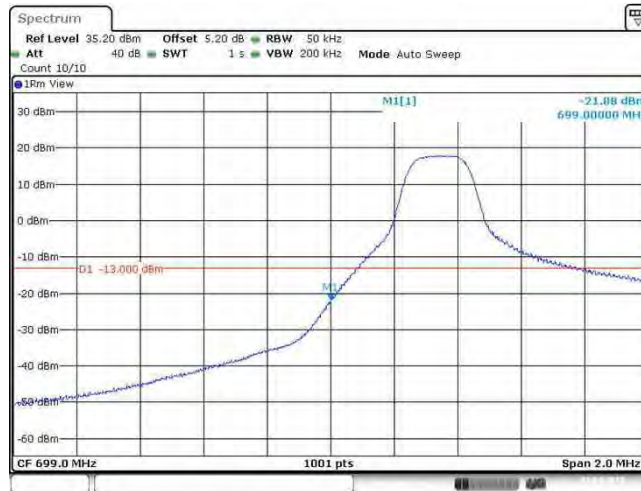


Date: 19 APR. 2019 20:04:25

**Band12\_5MHz\_16QAM\_23035\_1RB#0**



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Date: 19 APR. 2019 20:01:09

**Band12\_5MHz\_16QAM\_23035\_25RB#0**



Date: 19 APR. 2019 20:02:47

**Band12\_5MHz\_16QAM\_23155\_1RB#24**



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Date: 19 APR. 2019 20:03:07

**Band12\_5MHz\_16QAM\_23155\_25RB#0**



Date: 19 APR. 2019 20:04:05

**Band12\_10MHz\_QPSK\_23060\_1RB#0**



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Date: 19 APR. 2019 20:04:46

**Band12\_10MHz\_QPSK\_23060\_50RB#0**



Date: 19 APR. 2019 20:05:44

**Band12\_10MHz\_QPSK\_23130\_1RB#49**



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Date: 19 APR. 2019 20:06:44

**Band12\_10MHz\_QPSK\_23130\_50RB#0**



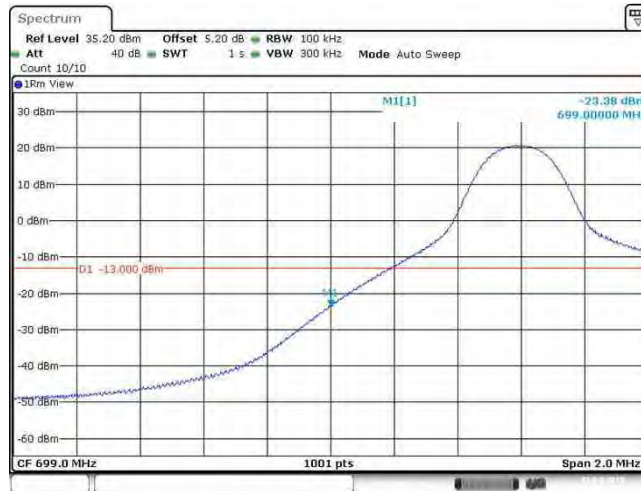
Date: 19 APR. 2019 20:07:42

**Band12\_10MHz\_64QAM\_23060\_1RB#0**



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Date: 19 APR. 2019 20:05:25

**Band12\_10MHz\_64QAM\_23060\_50RB#0**



Date: 19 APR. 2019 20:06:23

**Band12\_10MHz\_64QAM\_23130\_1RB#49**



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Date: 19 APR. 2019 20:07:23

**Band12\_10MHz\_64QAM\_23130\_50RB#0**



Date: 19 APR. 2019 20:08:21

**Band12\_10MHz\_16QAM\_23060\_1RB#0**



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Date: 19 APR. 2019 20:05:05

**Band12\_10MHz\_16QAM\_23060\_50RB#0**



Date: 19 APR. 2019 20:06:03

**Band12\_10MHz\_16QAM\_23130\_1RB#49**



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Date: 19 APR. 2019 20:07:04

**Band12\_10MHz\_16QAM\_23130\_50RB#0**



Date: 19 APR. 2019 20:08:02



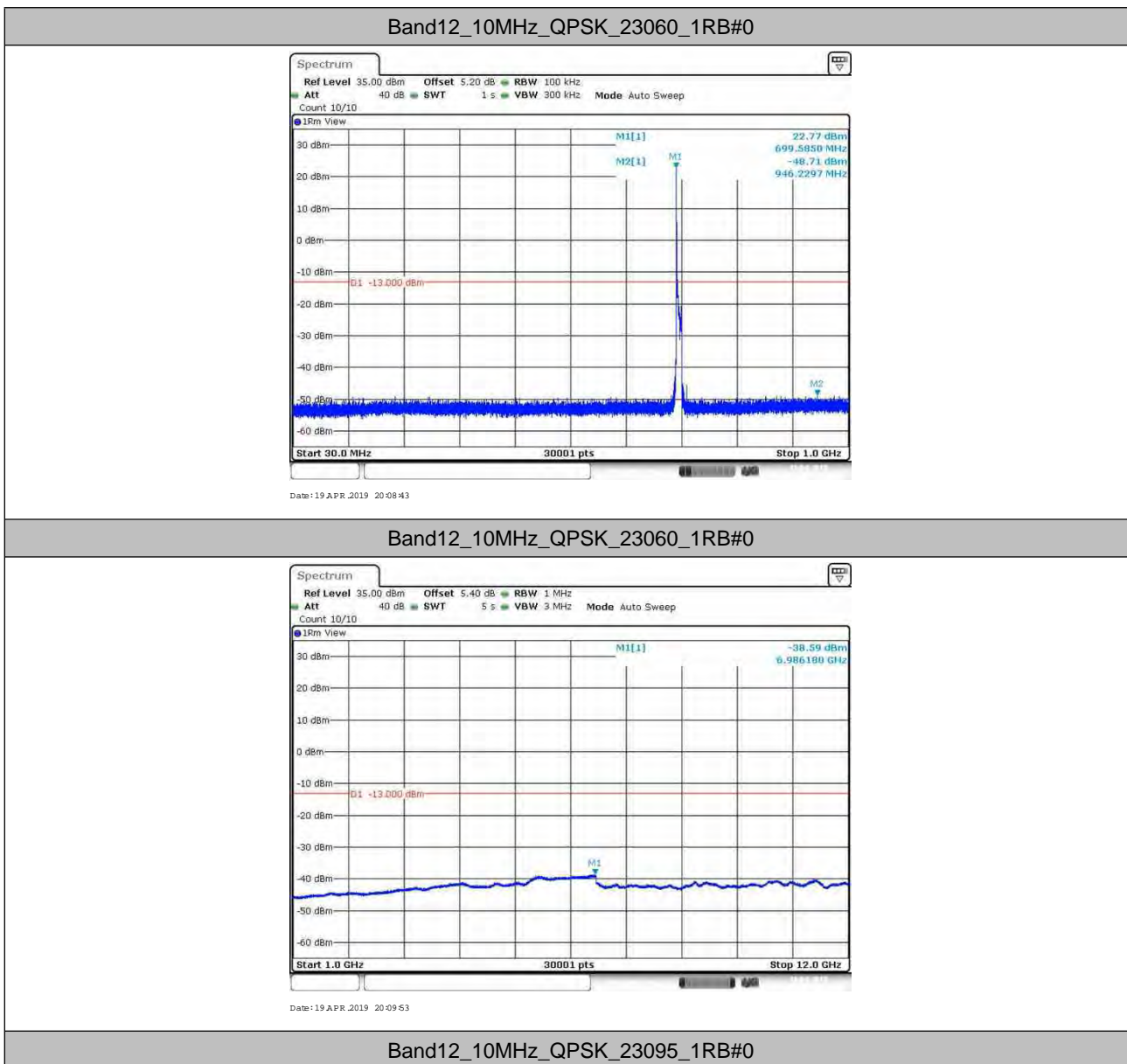
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## 6. Spurious Emission at Antenna Terminal

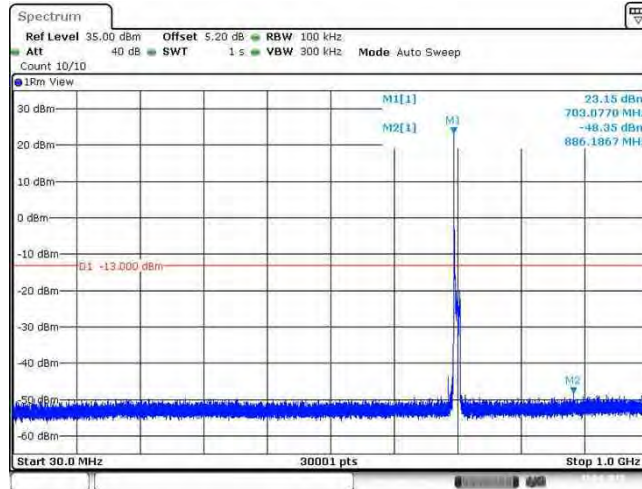
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

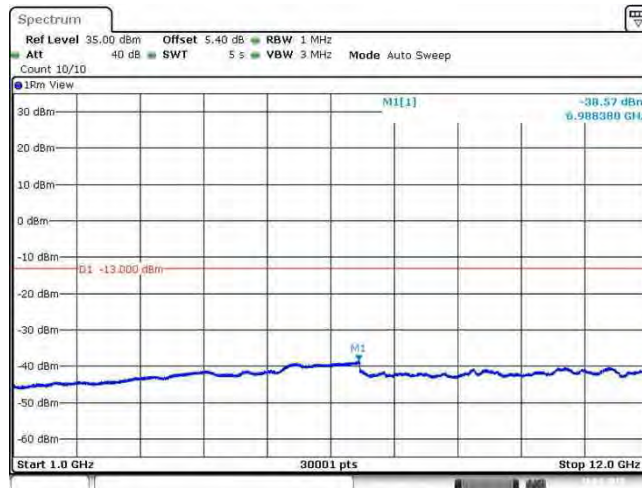


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Date: 19 APR. 2019 20:13:12

Band12\_10MHz\_QPSK\_23095\_1RB#0

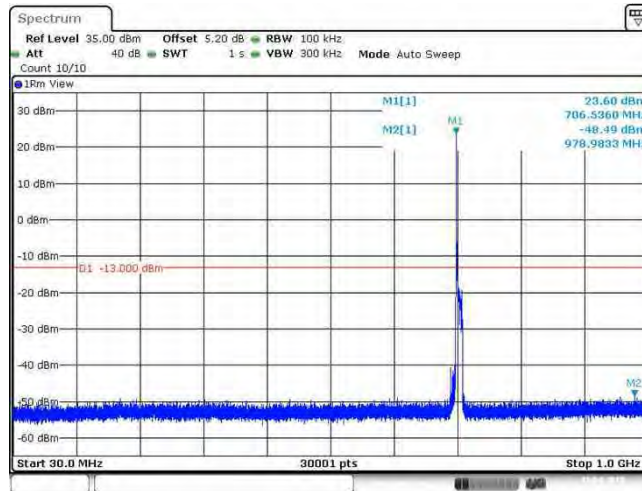


Date: 19 APR. 2019 20:14:23

Band12\_10MHz\_QPSK\_23130\_1RB#0

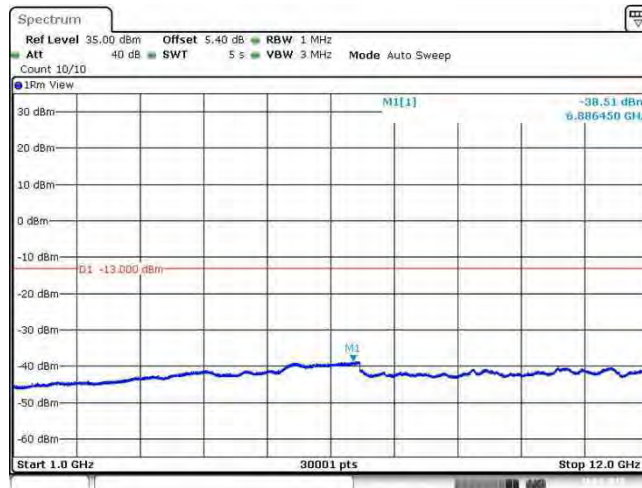


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Date: 19 APR. 2019 20:17:42

**Band12\_10MHz\_QPSK\_23130\_1RB#0**

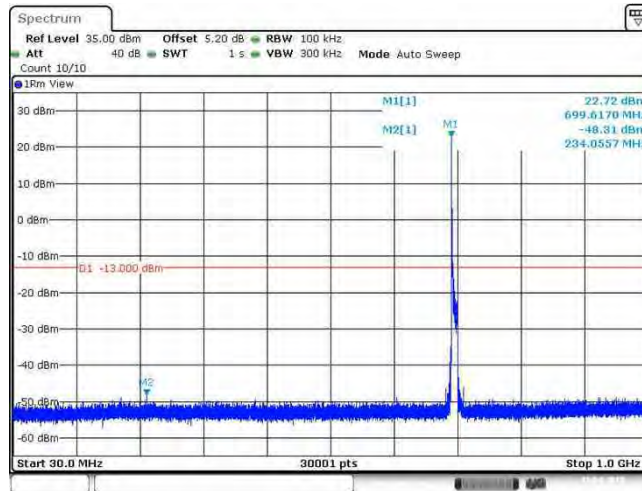


Date: 19 APR. 2019 20:48:52

**Band12\_10MHz\_64QAM\_23060\_1RB#0**

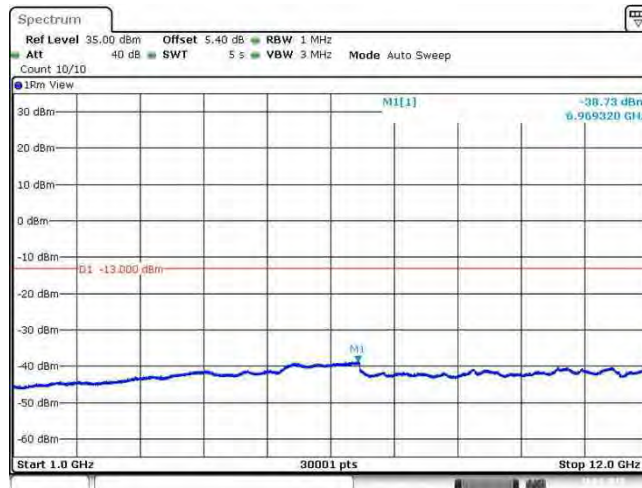


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Date: 19 APR. 2019 20:11:42

**Band12\_10MHz\_64QAM\_23060\_1RB#0**



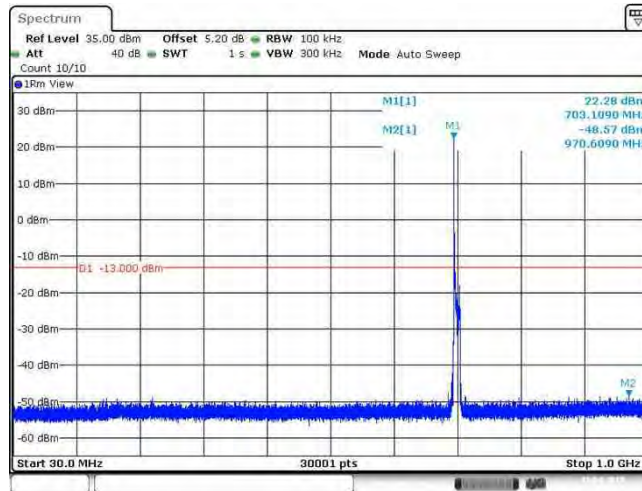
Date: 19 APR. 2019 20:12:53

**Band12\_10MHz\_64QAM\_23095\_1RB#0**

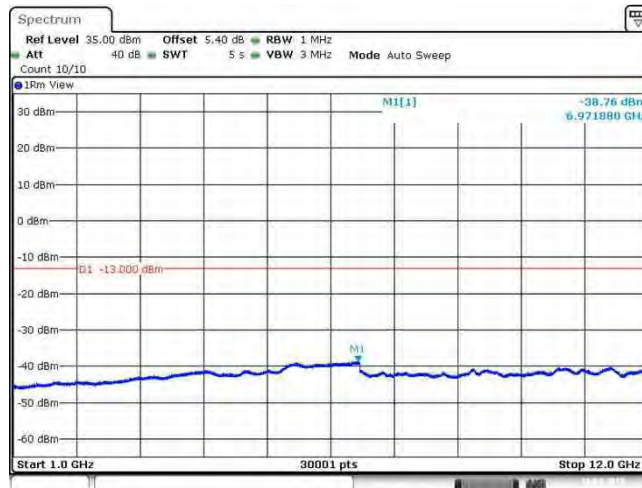


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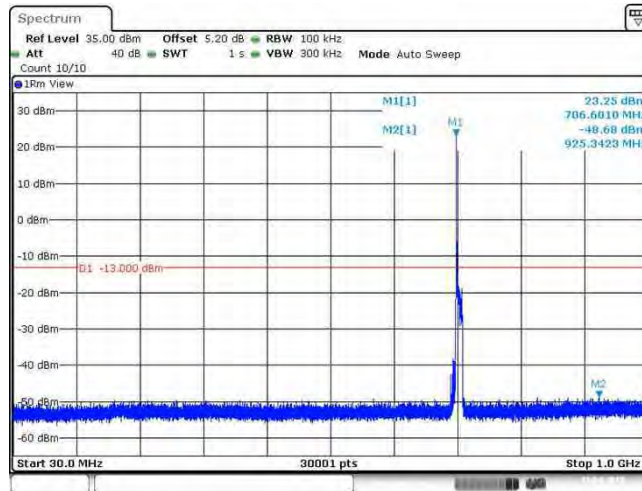
Band12\_10MHz\_64QAM\_23095\_1RB#0



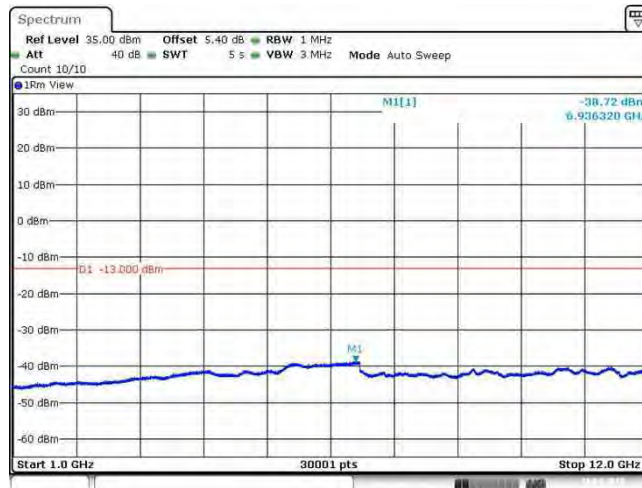
Band12\_10MHz\_64QAM\_23130\_1RB#0



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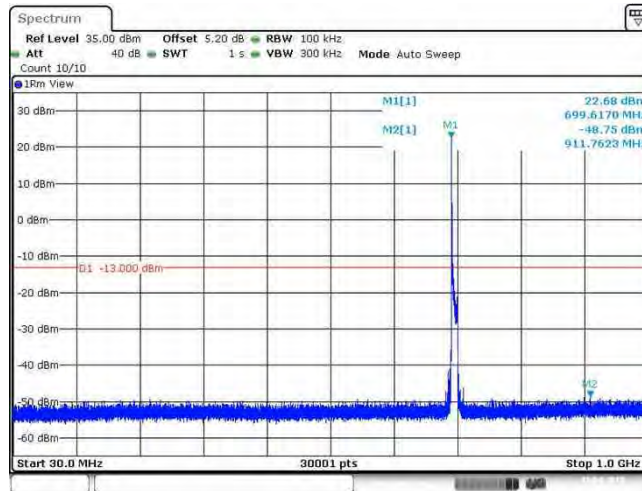
**Band12\_10MHz\_64QAM\_23130\_1RB#0**



**Band12\_10MHz\_16QAM\_23060\_1RB#0**

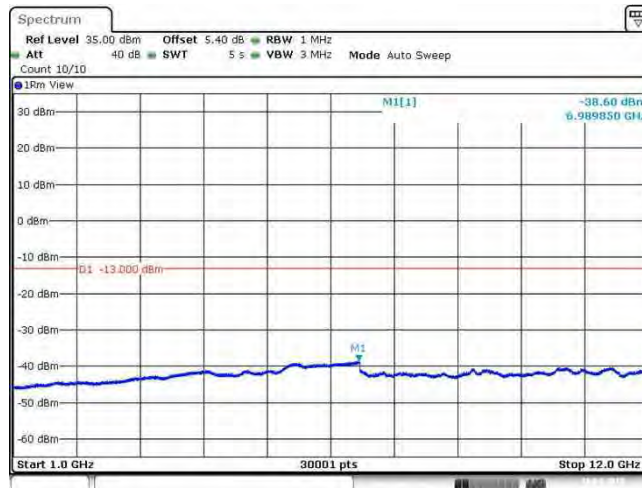


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Date: 19 APR. 2019 20:10:13

Band12\_10MHz\_16QAM\_23060\_1RB#0

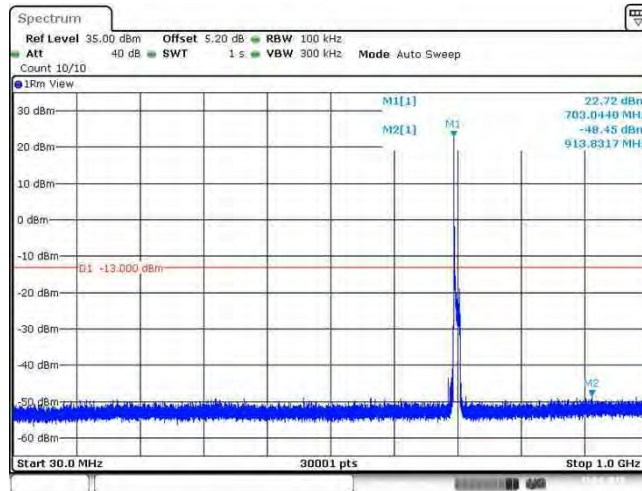


Date: 19 APR. 2019 20:11:23

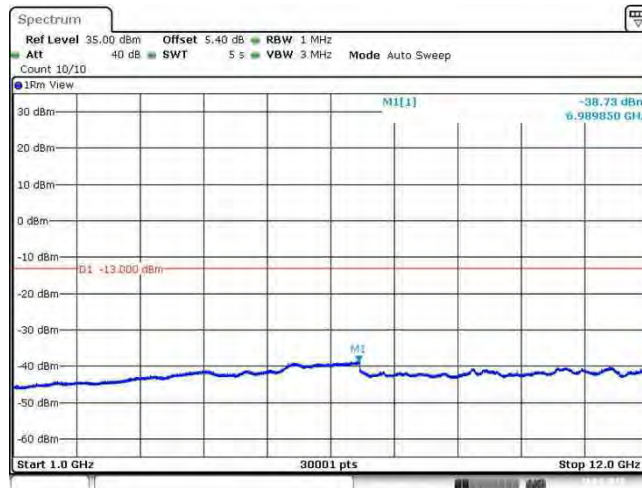
Band12\_10MHz\_16QAM\_23095\_1RB#0



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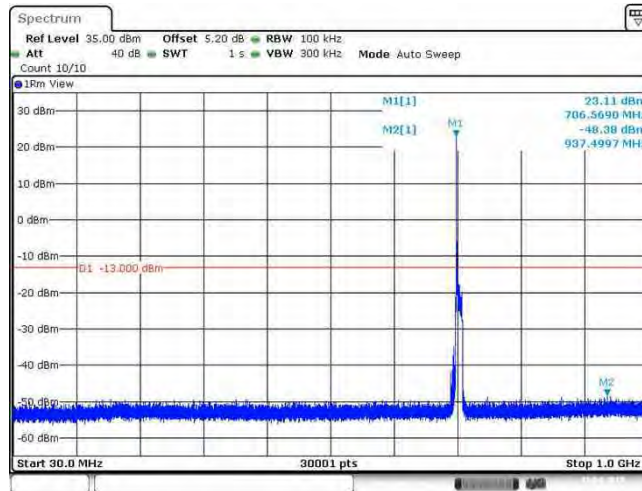
Band12\_10MHz\_16QAM\_23095\_1RB#0



Band12\_10MHz\_16QAM\_23130\_1RB#0

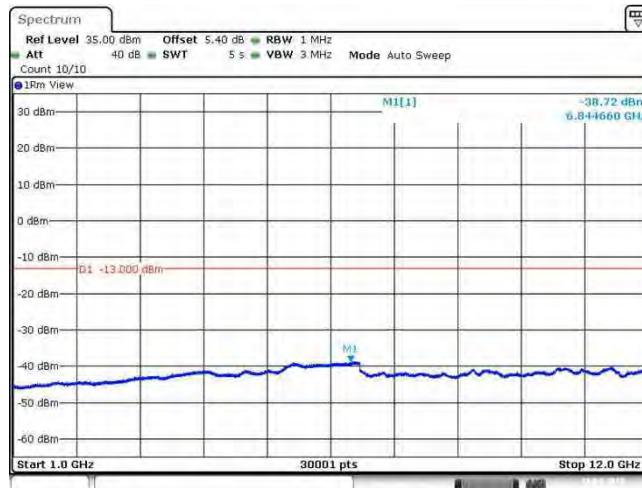


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Date: 19 APR. 2019 20:19:11

**Band12\_10MHz\_16QAM\_23130\_1RB#0**



Date: 19 APR. 2019 20:20:21



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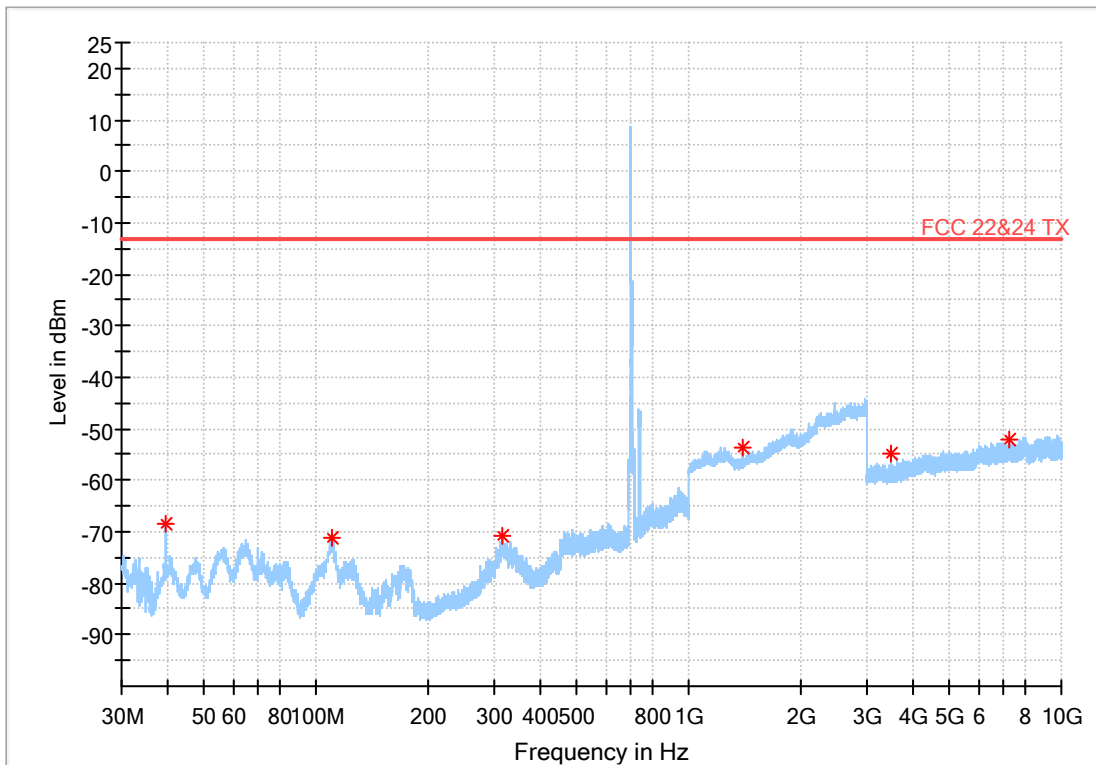
## 7. Field Strength of Spurious Radiation

### 7.1. Test BAND = LTE Band 12

#### 7.1.1. Test Mode = LTE/TM1(Down Ant)

##### 7.1.1.1. Test Channel = LCH\_Vertical

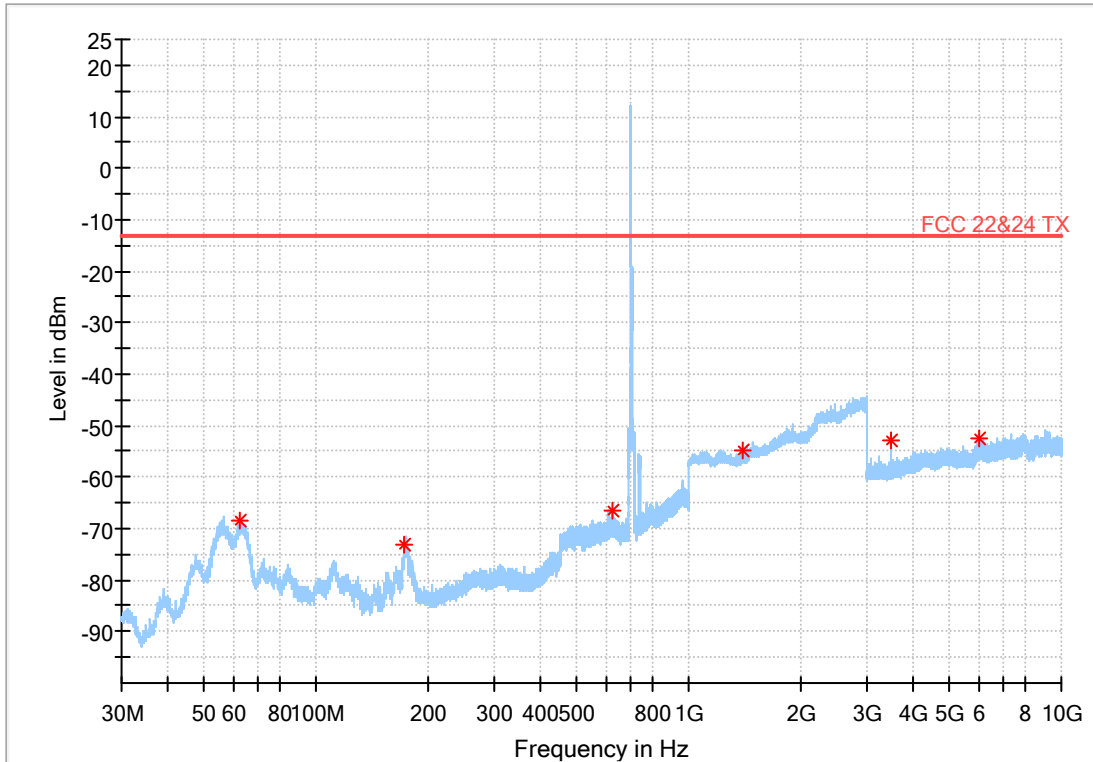
Full Spectrum



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### 7.1.1.2. Test Channel = LCH\_Horizontal

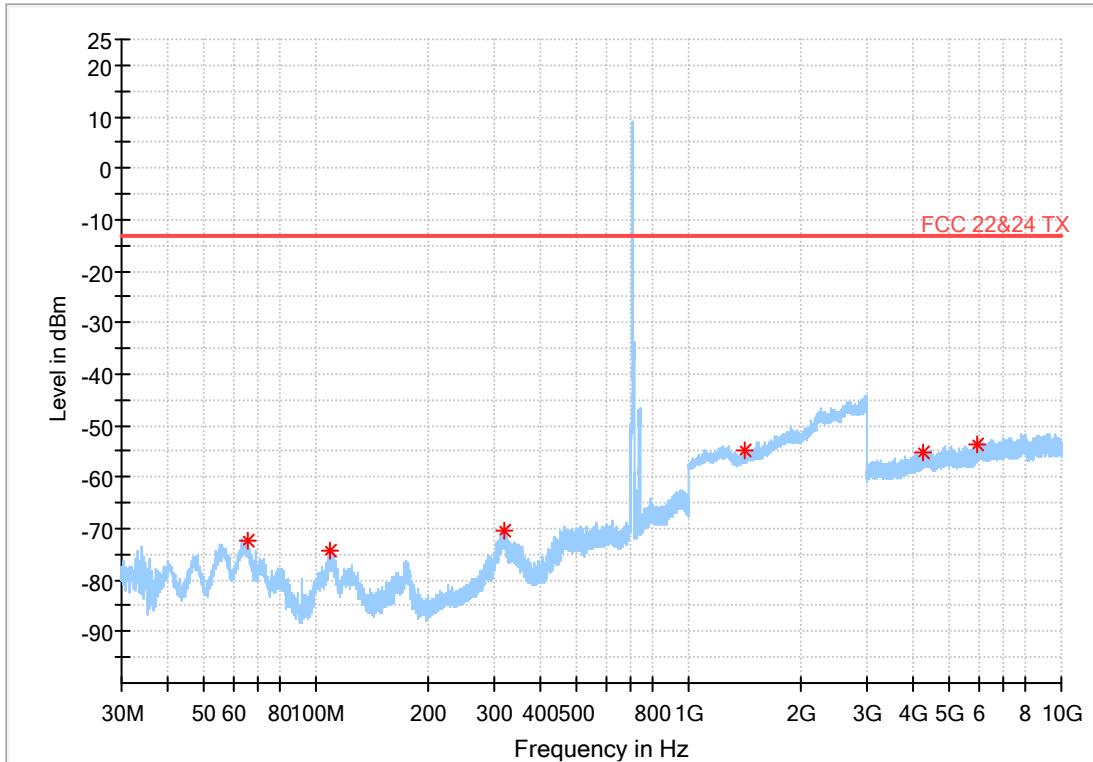
Full Spectrum



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### 7.1.1.3. Test Channel = MCH\_Vertical

Full Spectrum

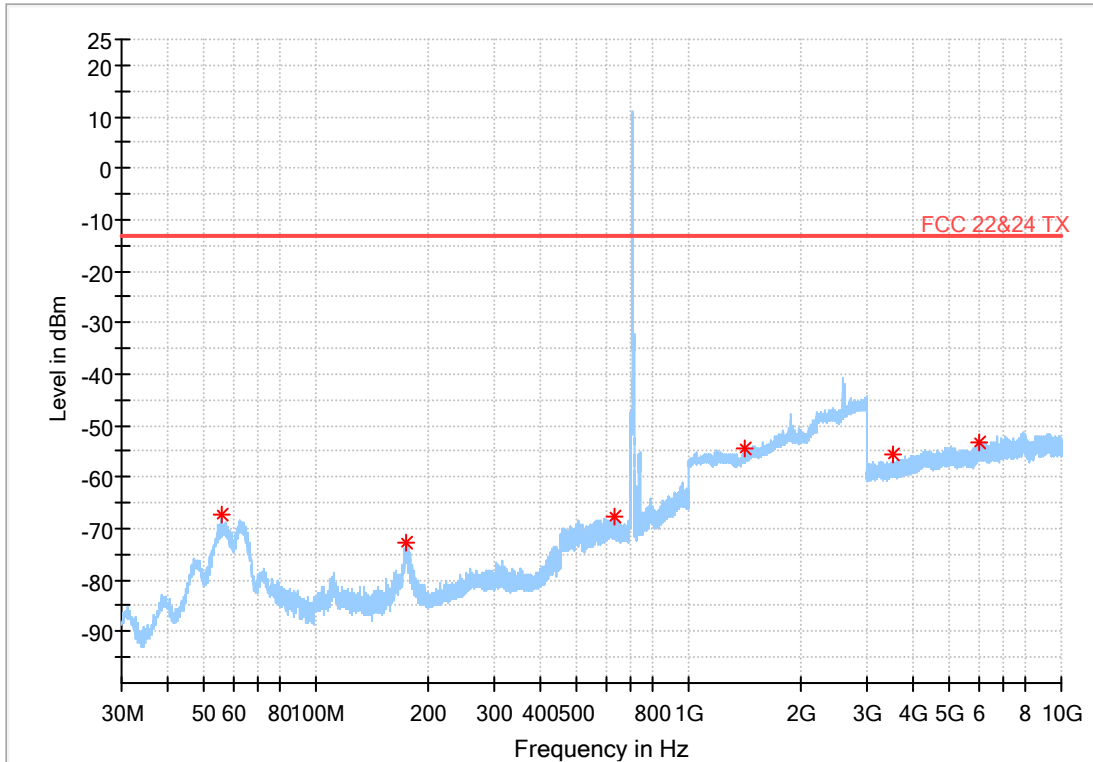


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### 7.1.1.4. Test Channel = MCH\_ Horizontal

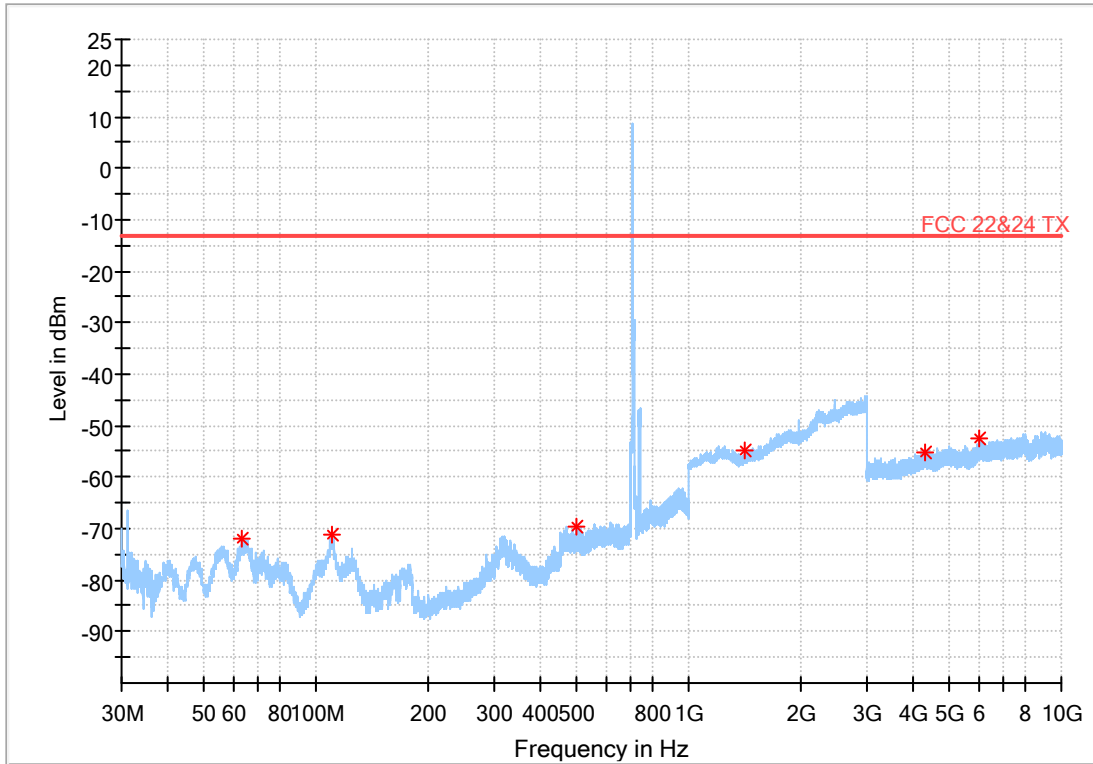
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### 7.1.1.5. Test Channel = HCH\_Vertical

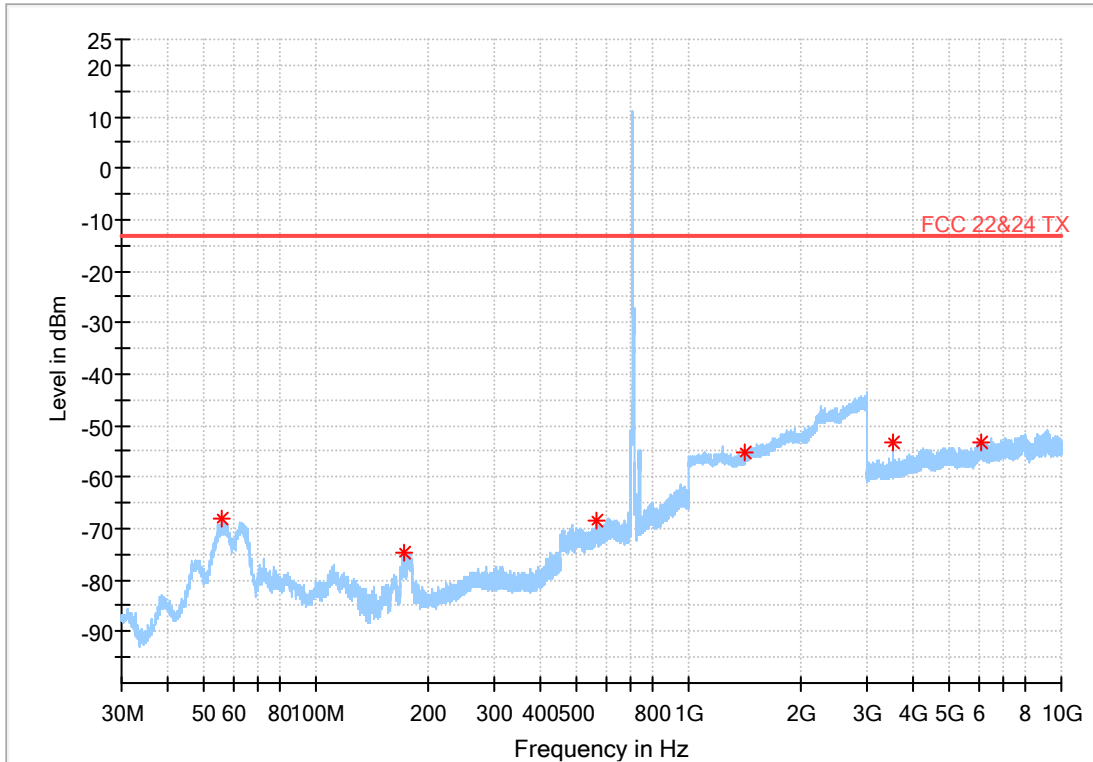
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### 7.1.1.6. Test Channel = HCH\_ Horizontal

Full Spectrum

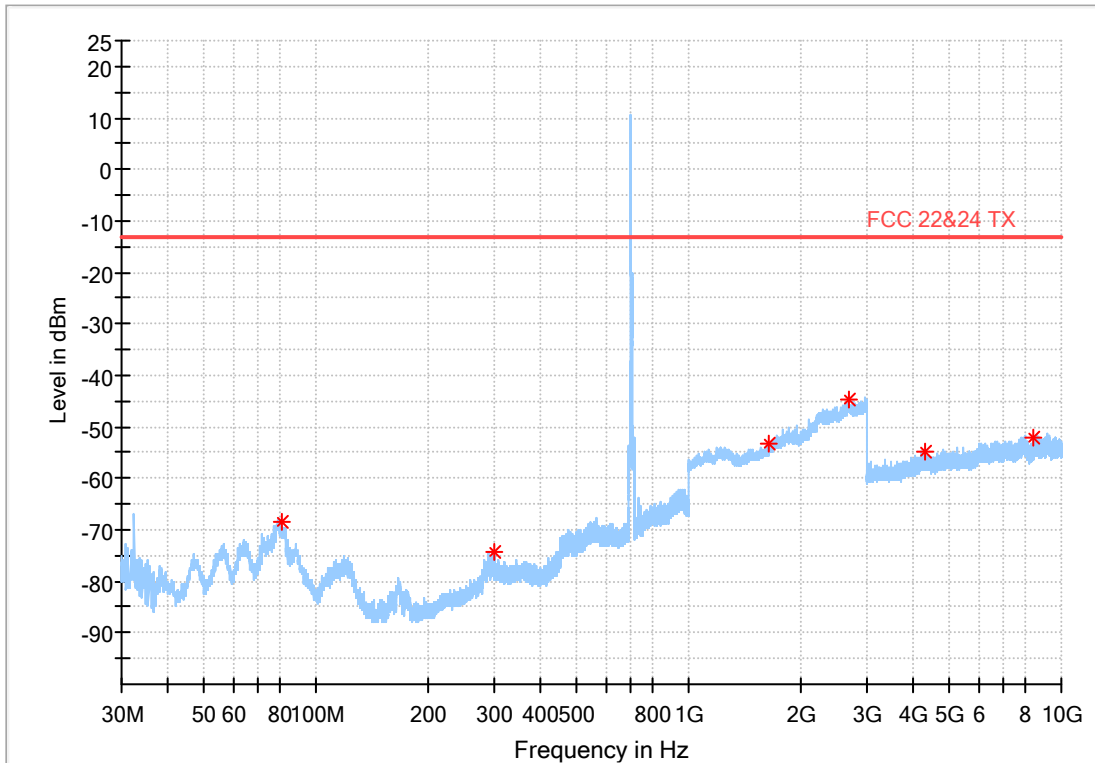


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## 7.1.2. Test Mode = LTE/TM1 (Up Ant)

### 7.1.2.1. Test Channel = LCH\_Vertical

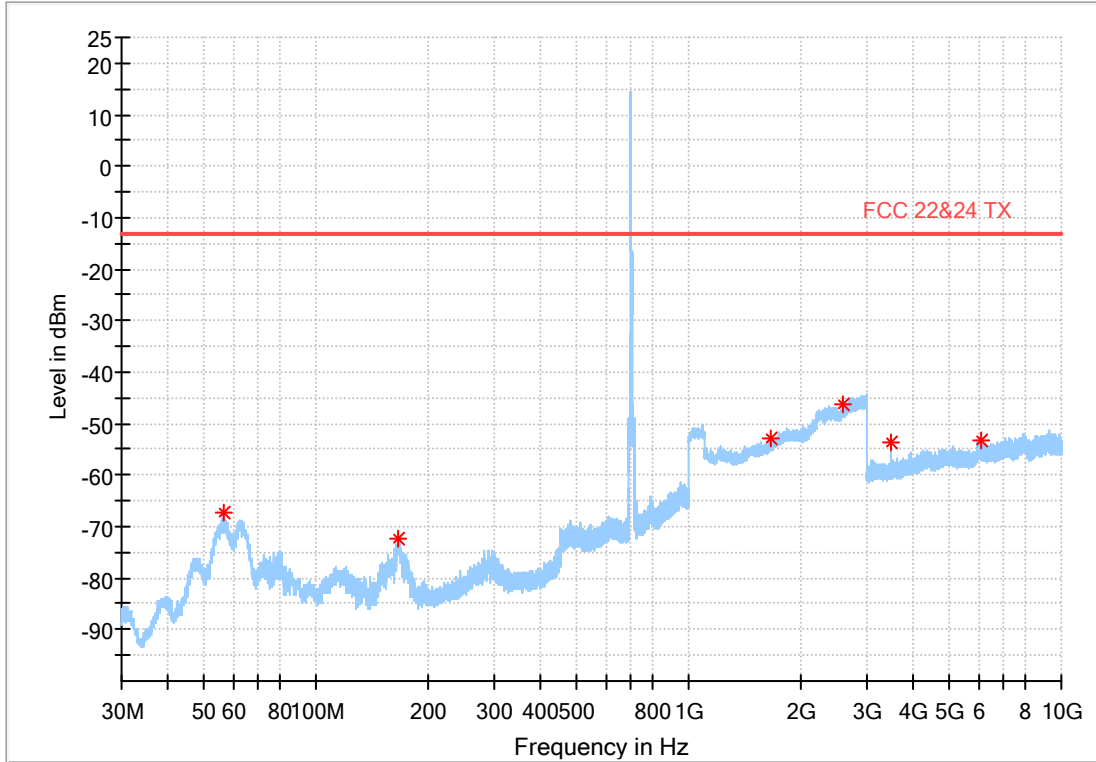
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### 7.1.2.2. Test Channel = LCH\_Horizontal

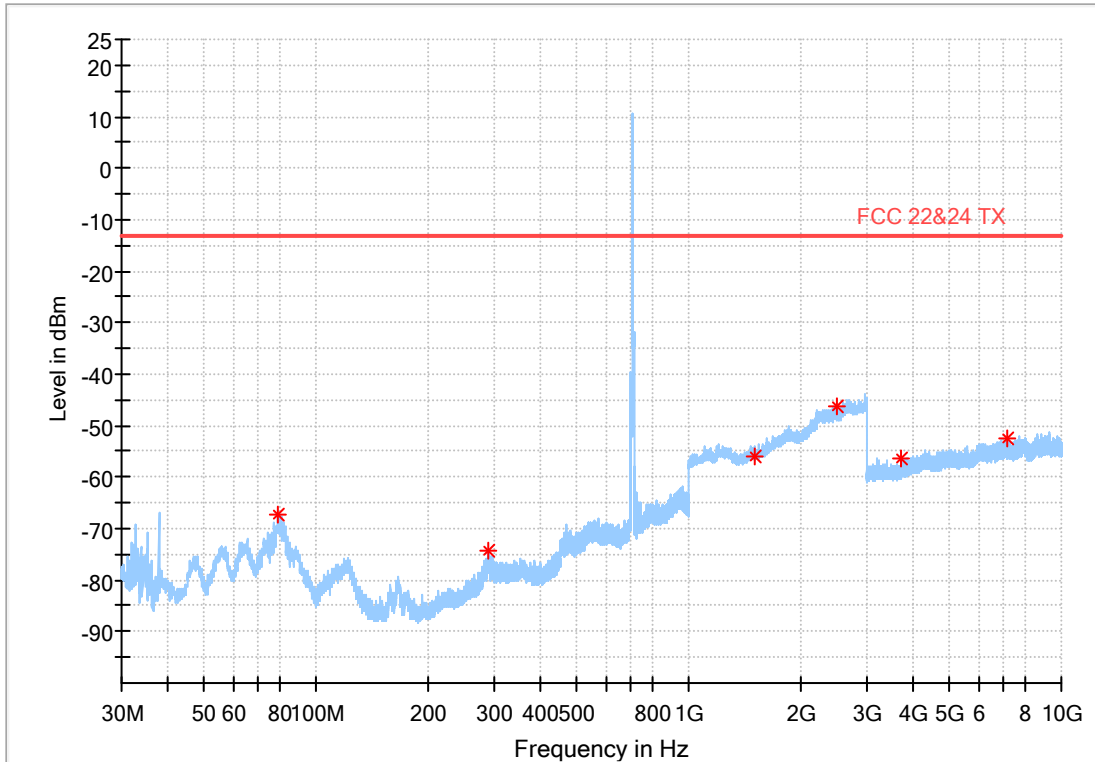
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### 7.1.2.3. Test Channel = MCH\_Vertical

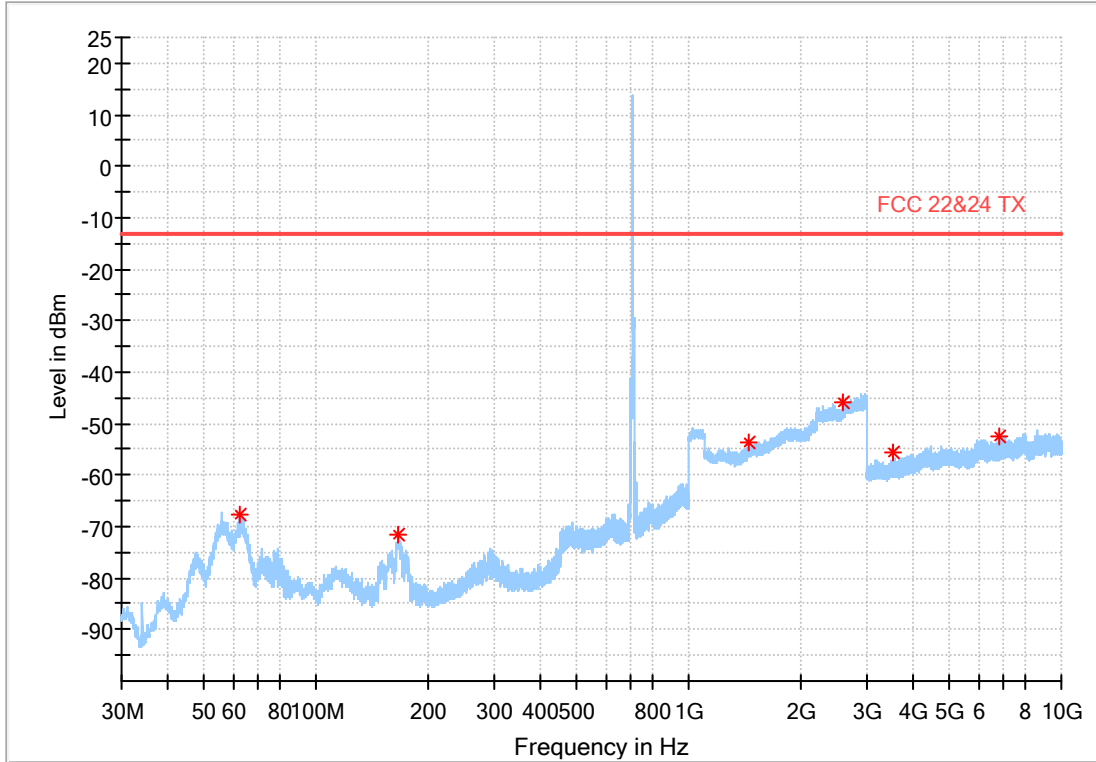
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**7.1.2.4. Test Channel = MCH\_ Horizontal**

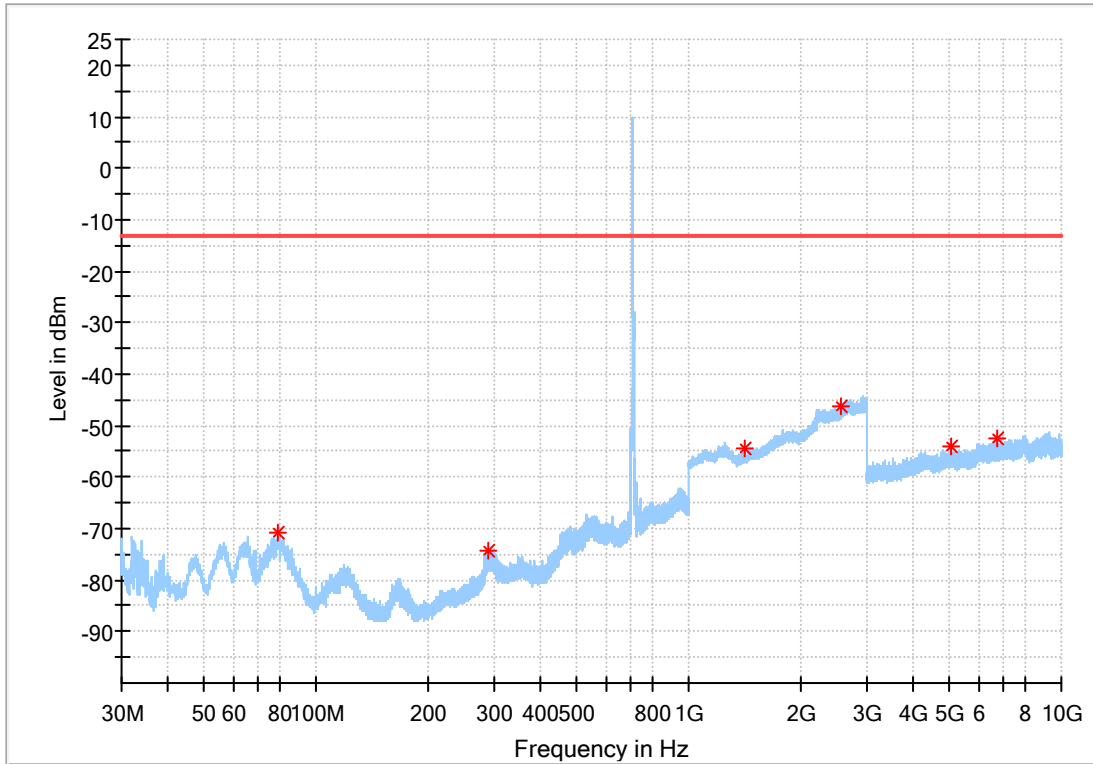
Full Spectrum



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### 7.1.2.5. Test Channel = HCH\_Vertical

Full Spectrum

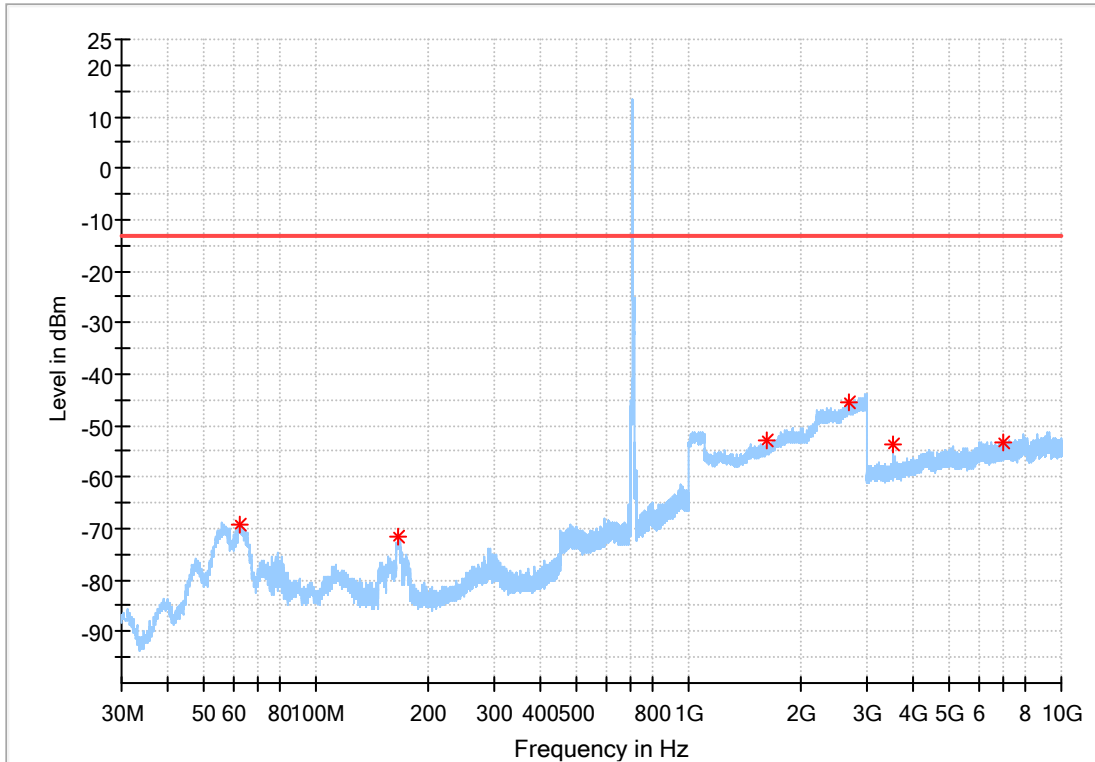


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### 7.1.2.6. Test Channel = HCH\_ Horizontal

Full Spectrum



**Remark:**

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

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

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	0.10	0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	1.00	0.001420	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.60	0.002273	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	0.70	0.000989	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	0.70	0.000989	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	0.90	0.001266	±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	0.30	0.000426	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	VH	NT	1.10	0.001563	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VL	NT	0.10	0.000141	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VN	NT	0.50	0.000707	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	VH	NT	0.30	0.000424	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VL	NT	-1.30	-0.001828	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VN	NT	-0.50	-0.000703	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	VH	NT	-0.70	-0.000985	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	0.40	0.000568	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	0.70	0.000994	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	0.40	0.000568	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	0.30	0.000424	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-0.30	-0.000424	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	0.40	0.000563	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	1.20	0.001688	±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	1.20	0.001705	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	0.20	0.000284	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	0.30	0.000426	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-0.40	-0.000568	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	1.10	0.001563	±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	-20	-0.50	-0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	0.50	0.000707	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	1.10	0.001555	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-1.20	-0.001696	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	0.50	0.000703	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-1.80	-0.002532	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-0.20	-0.000281	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	0.10	0.000141	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	0.50	0.000703	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-0.40	-0.000563	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-30	0.60	0.000852	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	-20	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	0	0.20	0.000284	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	10	0.20	0.000284	±2.5	PASS
Band12	10MHz	64QAM	23060	50RB#0	NV	20	0.00	0.000000	±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	40	1.00	0.001420	±2.5	PASS



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Band12	10MHz	64QAM	23060	50RB#0	NV	50	0.50	0.000710	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-30	0.40	0.000565	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	-20	0.90	0.001272	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	0	0.20	0.000283	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	10	-0.30	-0.000424	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	20	1.00	0.001413	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	30	0.10	0.000141	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	40	0.70	0.000989	±2.5	PASS
Band12	10MHz	64QAM	23095	50RB#0	NV	50	0.10	0.000141	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-30	0.10	0.000141	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	-20	-0.60	-0.000844	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	10	0.60	0.000844	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	20	-1.00	-0.001406	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	30	-1.30	-0.001828	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	40	-0.80	-0.001125	±2.5	PASS
Band12	10MHz	64QAM	23130	50RB#0	NV	50	0.50	0.000703	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-0.10	-0.000142	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	0.20	0.000284	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	0.20	0.000284	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	0.50	0.000710	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	0.30	0.000426	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	-0.20	-0.000284	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	1.50	0.002131	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-0.40	-0.000565	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	0.50	0.000707	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	0.50	0.000707	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	0.10	0.000141	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	0.20	0.000283	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	0.70	0.000989	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	0.20	0.000283	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	0.20	0.000283	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	0.00	0.000000	±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	0.60	0.000844	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	0.20	0.000281	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	1.60	0.002250	±2.5	PASS



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Band12	10MHz	16QAM	23130	50RB#0	NV	30	0.70	0.000985	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-1.00	-0.001406	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	0.50	0.000703	±2.5	PASS

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