



Appendix B

E-UTRA Band 5



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CONTENT

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

1.1. TEST RESULT..... 3

2. PEAK-TO-AVERAGE RATIO (CCDF).....11

2.1. TEST RESULT.....11

2.2. TEST PLOTS11

3. MODULATION CHARACTERISTICS16

3.1. TEST MODE = LTE /TM1 10MHZ16

3.1.1. TEST CHANNEL = MCH16

3.2. TEST MODE = LTE /TM2 10MHZ17

3.2.1. TEST CHANNEL = MCH17

3.3. TEST MODE = LTE /TM3 10MHZ18

3.3.1. TEST CHANNEL = MCH18

4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH19

4.1. TEST RESULT.....19

4.2. TEST PLOTS20

5. BAND EDGE COMPLIANCE38

5.1. TEST PLOTS38

6. SPURIOUS EMISSION AT ANTENNA TERMINAL62

6.1. TEST PLOTS62

7. FIELD STRENGTH OF SPURIOUS RADIATION.....71

7.1. TEST MODE =LTE/TM1 10MHZ.....71

7.1.1. TEST CHANNEL = LCH.....71

7.1.2. TEST CHANNEL = MCH71

7.1.3. TEST CHANNEL = HCH72

8. FREQUENCY STABILITY.....73

8.1. FREQUENCY VS VOLTAGE.....73

8.2. FREQUENCY VS TEMPERATURE74



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.04	17.29	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.06	17.31	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.73	16.98	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.08	16.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.87	16.12	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.95	16.2	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.80	16.05	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.11	17.36	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.14	17.39	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.02	17.27	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.89	16.14	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.85	16.1	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.90	16.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.78	16.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.09	17.34	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.08	17.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.04	17.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.10	16.35	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.84	16.09	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.92	16.17	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.85	16.1	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	20.95	15.2	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	20.49	14.74	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	20.73	14.98	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	19.61	13.86	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	20.02	14.27	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	19.93	14.18	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.05	14.3	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	20.94	15.19	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	20.45	14.7	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	20.56	14.81	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	19.77	14.02	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	19.93	14.18	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	20.11	14.36	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.01	14.26	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	20.90	15.15	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	20.61	14.86	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	20.48	14.73	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	19.70	13.95	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	19.79	14.04	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	20.12	14.37	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	19.94	14.19	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.03	16.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.65	15.9	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.90	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.80	15.05	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.14	15.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.12	15.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.13	15.38	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.12	16.37	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.60	15.85	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.74	15.99	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.89	15.14	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.06	15.31	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.30	15.55	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.18	15.43	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.98	16.23	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.70	15.95	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.65	15.9	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.85	15.1	38.45	PASS



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Band5	1.4MHz	16QAM	20643	3RB#1	20.90	15.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.25	15.5	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.13	15.38	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.10	17.35	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.01	17.26	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.15	17.4	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.08	16.33	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.13	16.38	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.05	16.3	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.06	16.31	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.08	17.33	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.00	17.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.00	17.25	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.00	16.25	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.11	16.36	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.07	16.32	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.07	16.32	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.05	17.3	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.03	17.28	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.06	17.31	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.05	16.3	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.10	16.35	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.05	16.3	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.05	16.3	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.00	15.25	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	20.71	14.96	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	20.67	14.92	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#0	19.96	14.21	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	19.91	14.16	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.00	14.25	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	19.88	14.13	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	20.94	15.19	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	20.72	14.97	38.45	PASS



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Band5	3MHz	64QAM	20525	1RB#8	20.56	14.81	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	19.94	14.19	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	19.98	14.23	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.04	14.29	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	19.91	14.16	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	20.97	15.22	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	20.79	15.04	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	20.65	14.9	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	19.96	14.21	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	19.93	14.18	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.01	14.26	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	19.91	14.16	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.10	16.35	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.87	16.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.86	16.11	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.11	15.36	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.06	15.31	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.09	15.34	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.06	15.31	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.04	16.29	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.80	16.05	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.75	16	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.08	15.33	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.12	15.37	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.15	15.4	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.03	15.28	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.12	16.37	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.96	16.21	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.79	16.04	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.04	15.29	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.12	15.37	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.13	15.38	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.07	15.32	38.45	PASS



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Band5	5MHz	QPSK	20425	1RB#24	23.11	17.36	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.95	17.2	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.00	17.25	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.02	16.27	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.05	16.3	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.07	16.32	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.03	16.28	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.20	17.45	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.23	17.48	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.06	17.31	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.01	16.26	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.04	16.29	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.05	16.3	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.01	16.26	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.06	17.31	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.02	17.27	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.05	17.3	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.98	16.23	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.07	16.32	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.03	16.28	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.04	16.29	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	20.88	15.13	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.07	15.32	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	20.71	14.96	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	19.99	14.24	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	19.97	14.22	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	19.91	14.16	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	19.96	14.21	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	20.97	15.22	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	20.80	15.05	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	20.82	15.07	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	19.89	14.14	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	19.91	14.16	38.45	PASS



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Band5	5MHz	64QAM	20525	12RB#6	19.95	14.2	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	19.88	14.13	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	20.81	15.06	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	20.93	15.18	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.11	15.36	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	19.97	14.22	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	19.87	14.12	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.10	14.35	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	19.88	14.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.07	16.32	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.18	16.43	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.80	16.05	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.08	15.33	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.05	15.3	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.08	15.33	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.04	15.29	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.10	16.35	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.98	16.23	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.90	16.15	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.04	15.29	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.06	15.31	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.14	15.39	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.06	15.31	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.00	16.25	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.10	16.35	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.24	16.49	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.05	15.3	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.02	15.27	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.18	15.43	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.07	15.32	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.10	17.35	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.25	17.5	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.21	17.46	38.45	PASS



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Band5	10MHz	QPSK	20450	25RB#12	22.05	16.3	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.05	16.3	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.12	16.37	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.08	16.33	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.06	17.31	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.10	17.35	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.27	17.52	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.13	16.38	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.20	16.45	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.24	16.49	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.10	16.35	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.00	17.25	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.24	17.49	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.22	17.47	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.12	16.37	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.09	16.34	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.18	16.43	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.22	16.47	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	20.94	15.19	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.00	15.25	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	20.92	15.17	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	19.97	14.22	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.01	14.26	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.02	14.27	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	19.97	14.22	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	20.89	15.14	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	20.96	15.21	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.06	15.31	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	19.98	14.23	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.11	14.36	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.10	14.35	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	19.98	14.23	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	20.97	15.22	38.45	PASS



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Band5	10MHz	64QAM	20600	1RB#0	21.09	15.34	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	20.95	15.2	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.00	14.25	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	19.93	14.18	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.03	14.28	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.13	14.38	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.13	16.38	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.12	16.37	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.09	16.34	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.11	15.36	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.16	15.41	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.21	15.46	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.09	15.34	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.06	16.31	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.06	16.31	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.18	16.43	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.11	15.36	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.20	15.45	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.20	15.45	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.14	15.39	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.10	16.35	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.21	16.46	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.03	16.28	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.09	15.34	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.12	15.37	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.18	15.43	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.22	15.47	38.45	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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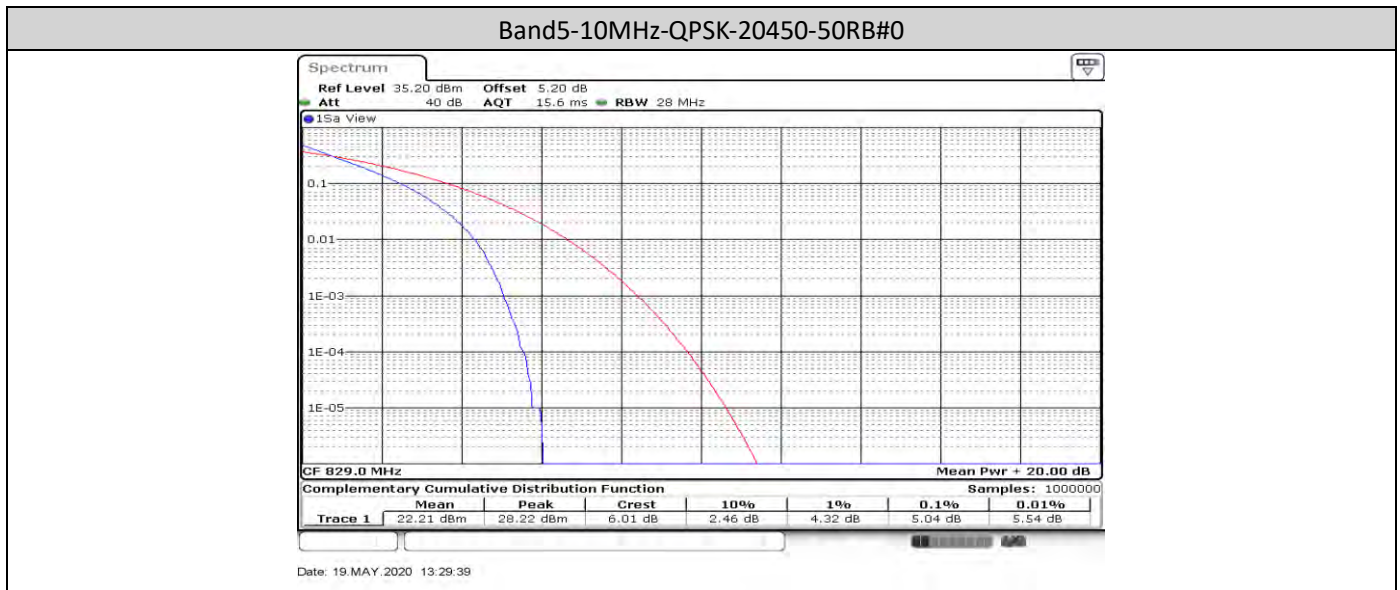


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.04	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.04	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.29	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.70	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.46	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.83	13	PASS

2.2. Test Plots



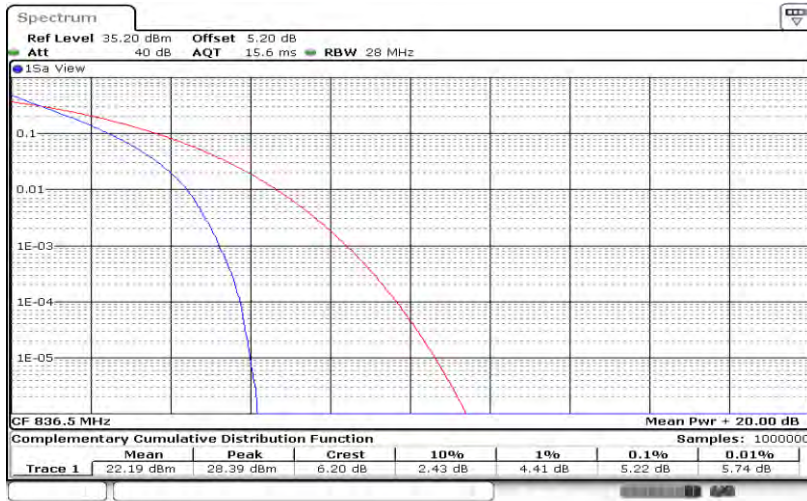
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Band5-10MHz-QPSK-20525-50RB#0



Date: 19.MAY.2020 13:30:02

Band5-10MHz-QPSK-20600-50RB#0



Date: 19.MAY.2020 13:30:25

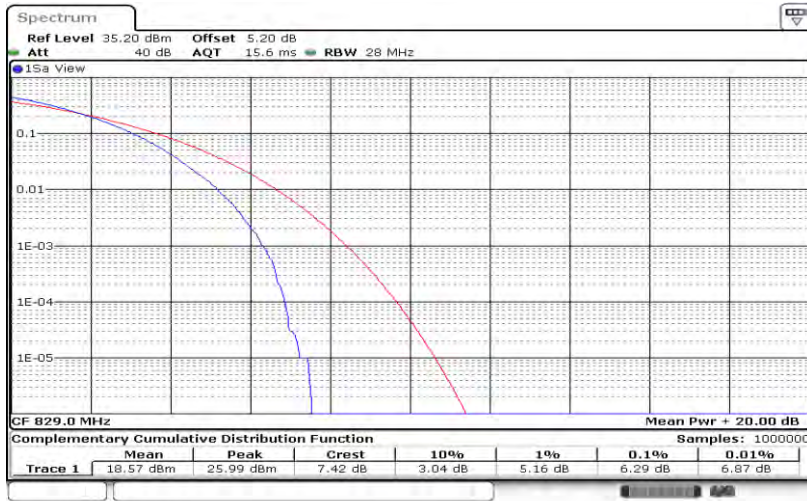


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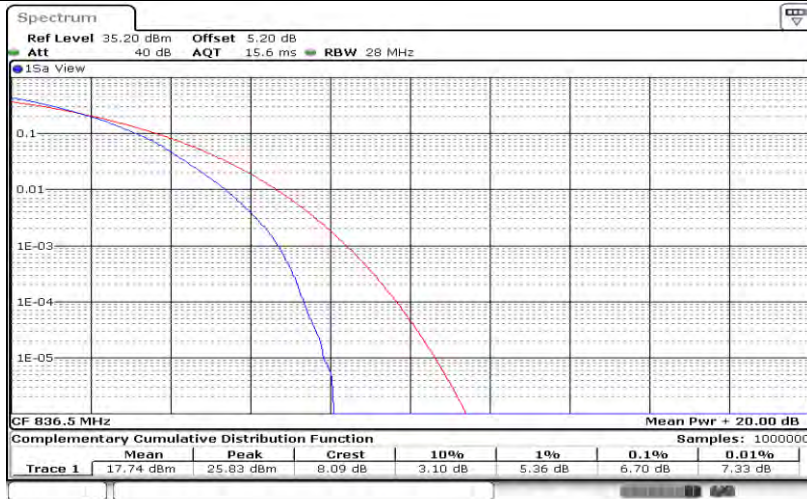


Band5-10MHz-64QAM-20450-50RB#0



Date: 22 MAY 2020 10:45:16

Band5-10MHz-64QAM-20525-50RB#0



Date: 22 MAY 2020 10:45:28



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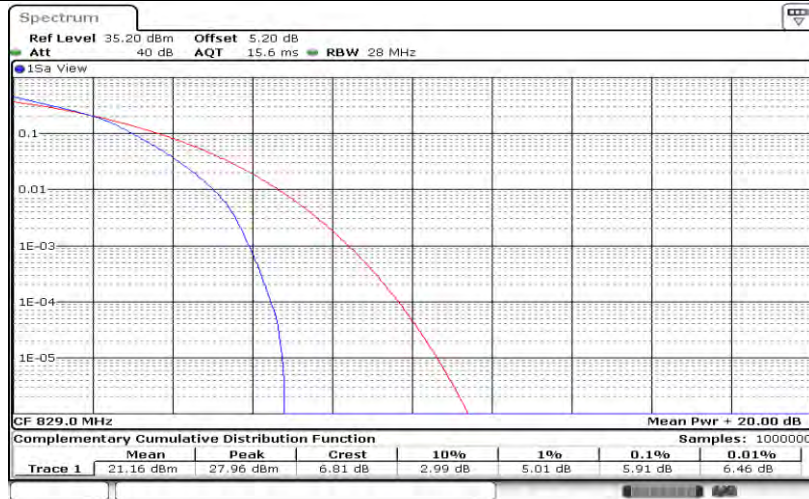


Band5-10MHz-64QAM-20600-50RB#0



Date: 22.MAY.2020 10:45:39

Band5-10MHz-16QAM-20450-50RB#0



Date: 19.MAY.2020 13:29:50



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Band5-10MHz-16QAM-20525-50RB#0



Date: 19 MAY 2020 13:30:13

Band5-10MHz-16QAM-20600-50RB#0



Date: 19 MAY 2020 13:30:36



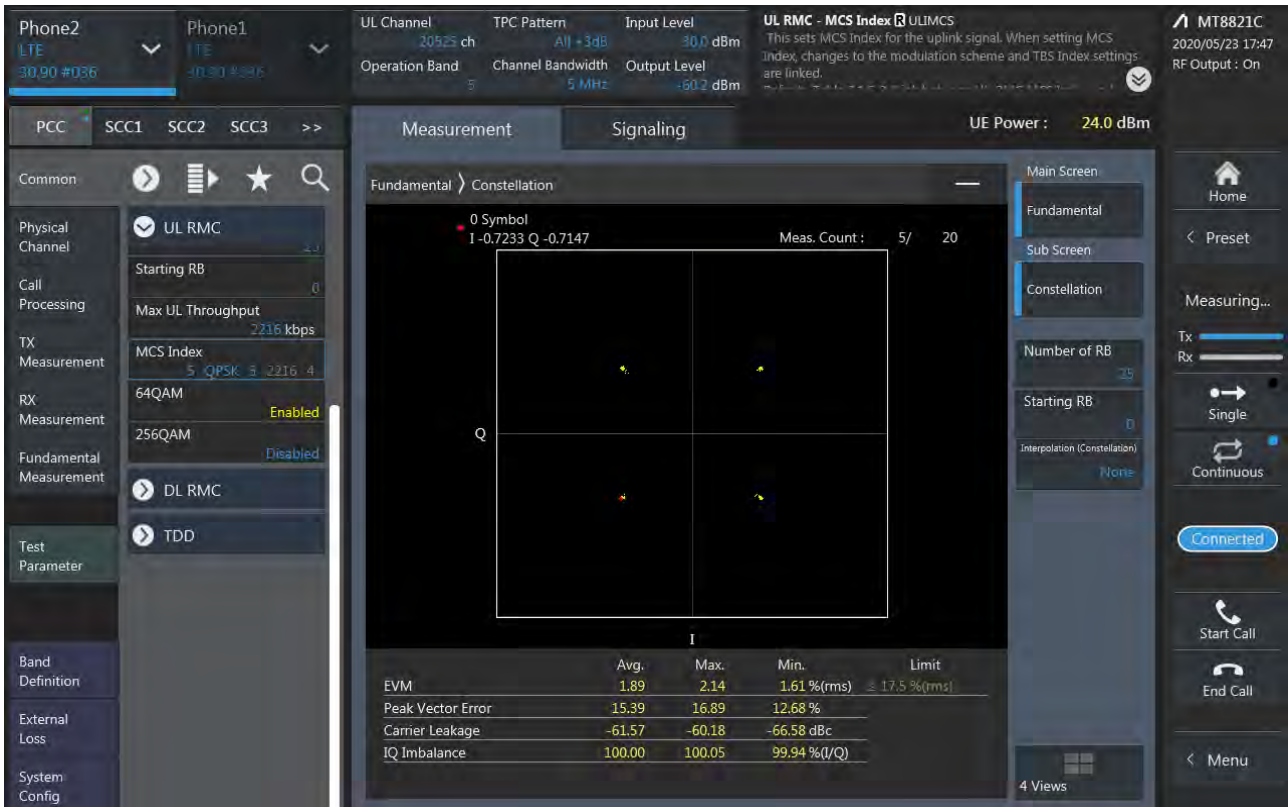
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1. Test Channel = MCH



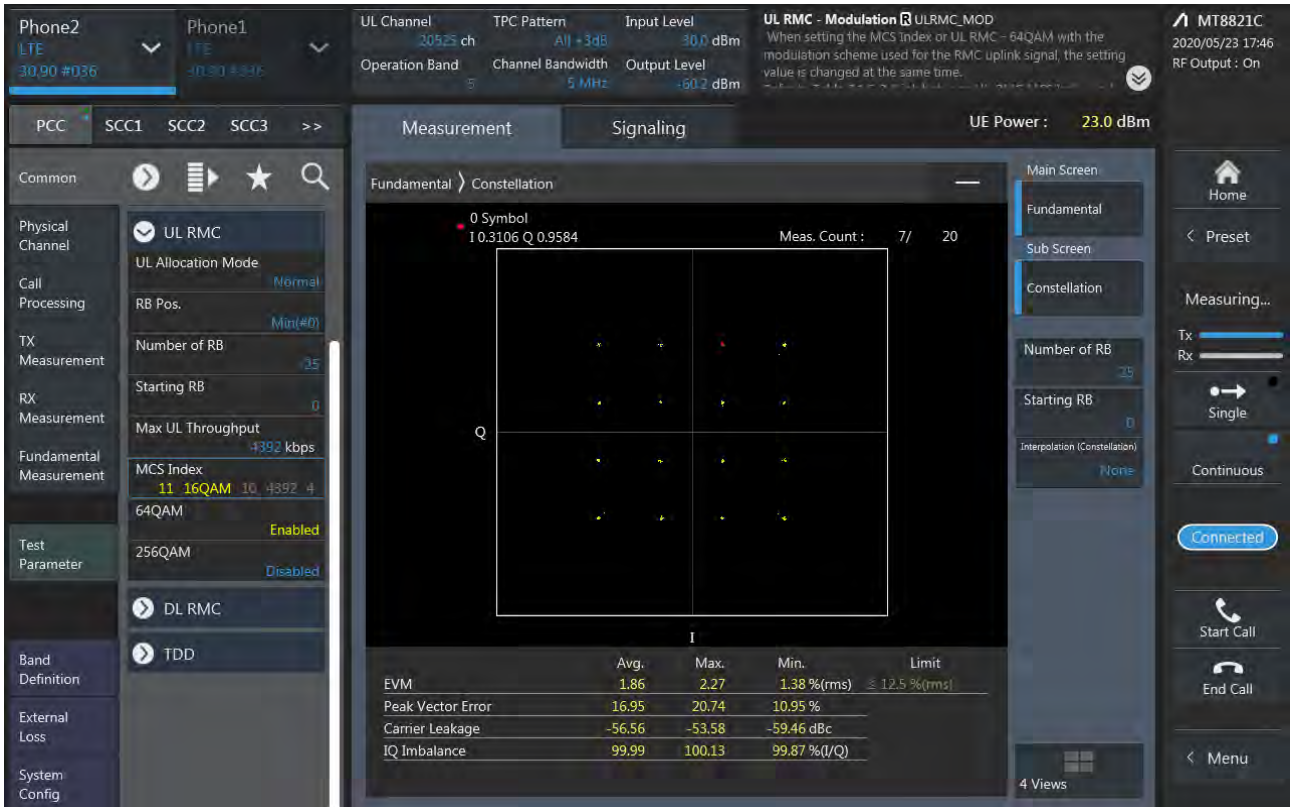
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3.2. Test Mode = LTE /TM2 10MHz

3.2.1. Test Channel = MCH



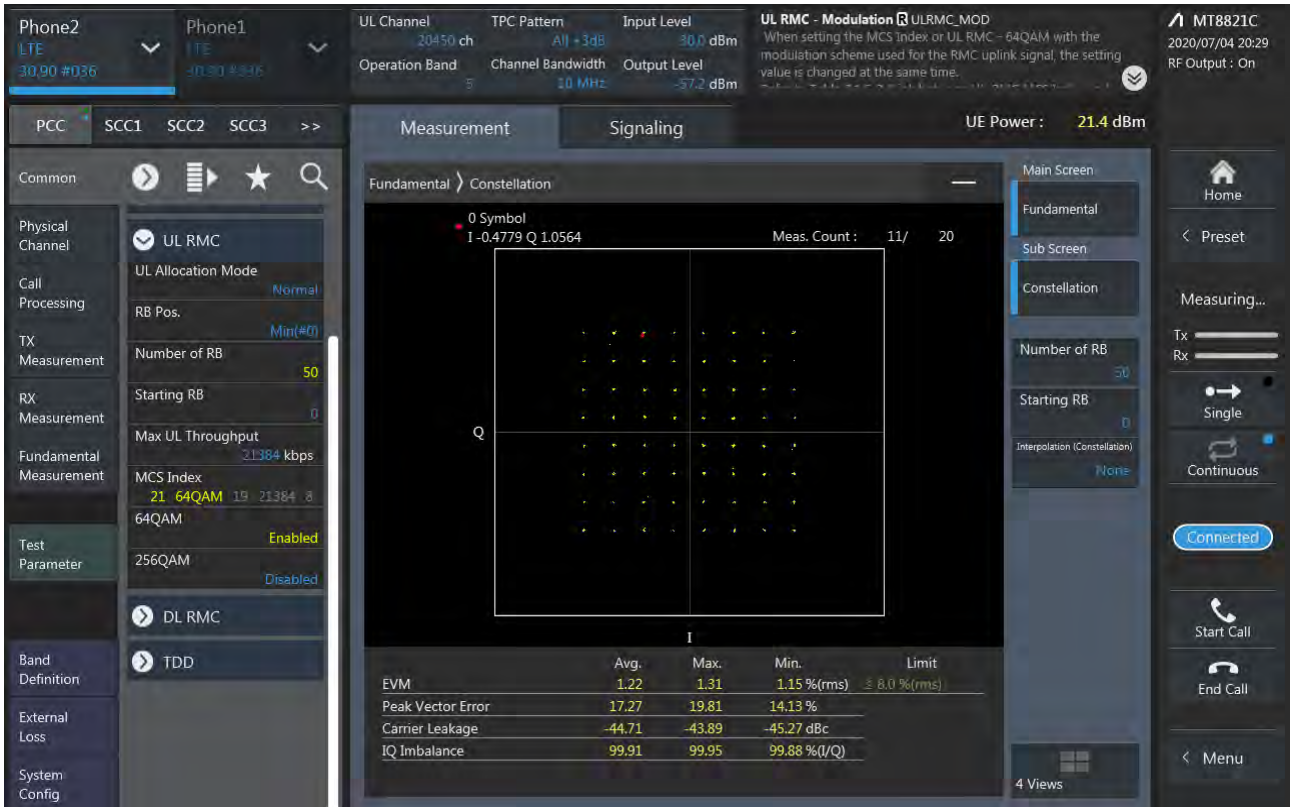
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3.3. Test Mode = LTE /TM3 10MHz

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
Band5	1.4MHz	QPSK	20407	6RB#0	1.094	1.323	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.094	1.284	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.091	1.296	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.097	1.296	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.097	1.287	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.097	1.296	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.278	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.281	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	2.988	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	2.994	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.691	2.988	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	2.976	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	2.976	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.970	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.976	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.970	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.691	2.976	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.476	4.900	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.940	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.930	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.476	4.900	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.910	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.466	4.890	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.476	4.950	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.960	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.930	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.680	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.931	9.740	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.700	PASS



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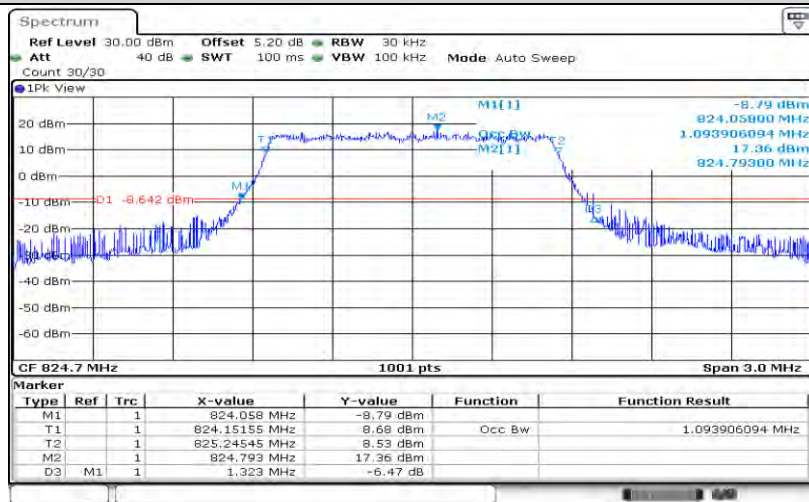
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Band5	10MHz	64QAM	20450	50RB#0	8.931	9.640	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.931	9.700	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.891	9.640	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.760	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.931	9.740	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.720	PASS

4.2. Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.094



Date: 19 MAY 2020 13:03:08

Band5-1.4MHz-QPSK-20525-6RB#0-1.094

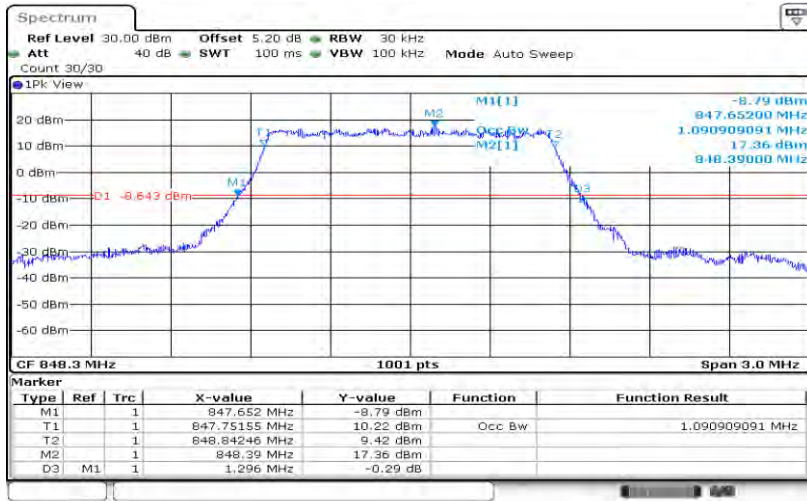


Date: 19 MAY 2020 13:03:34



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Band5-1.4MHz-QPSK-20643-6RB#0-1.091



Date: 19 MAY 2020 13:03:59

Band5-1.4MHz-64QAM-20407-6RB#0-1.097



Date: 22 MAY 2020 10:31:24

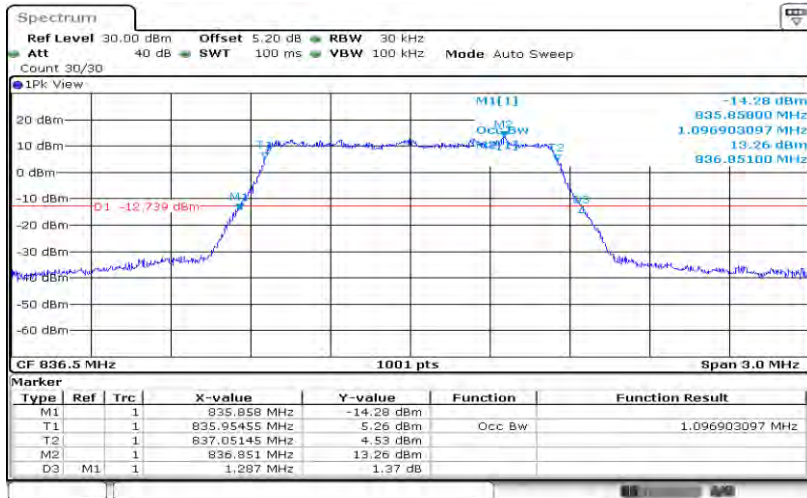


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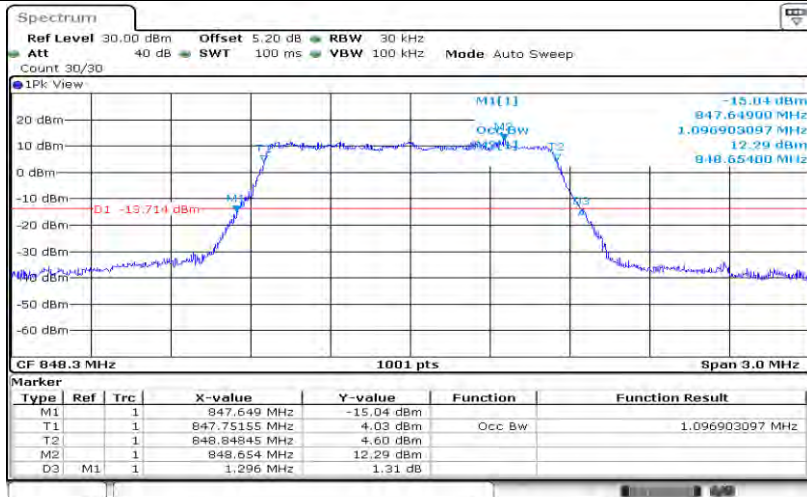


Band5-1.4MHz-64QAM-20525-6RB#0-1.097



Date: 22 MAY 2020 10:31:41

Band5-1.4MHz-64QAM-20643-6RB#0-1.097



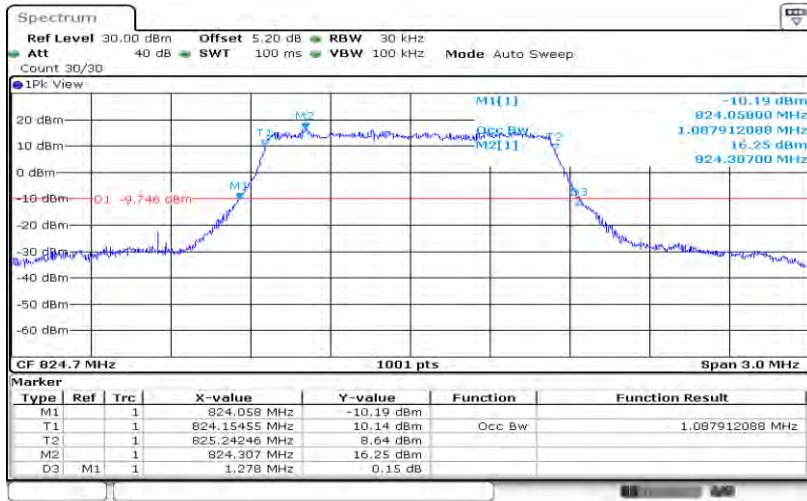
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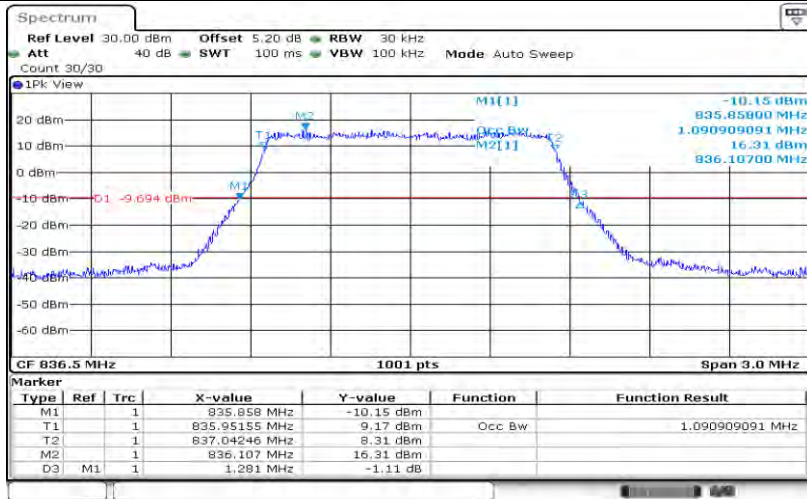
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Band5-1.4MHz-16QAM-20407-6RB#0-1.088



Date: 19 MAY 2020 13:03:21

Band5-1.4MHz-16QAM-20525-6RB#0-1.091



Date: 19 MAY 2020 13:03:46

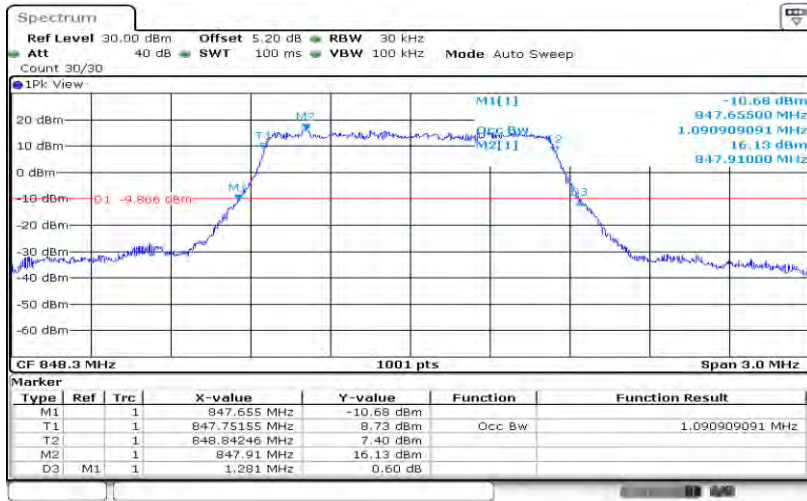


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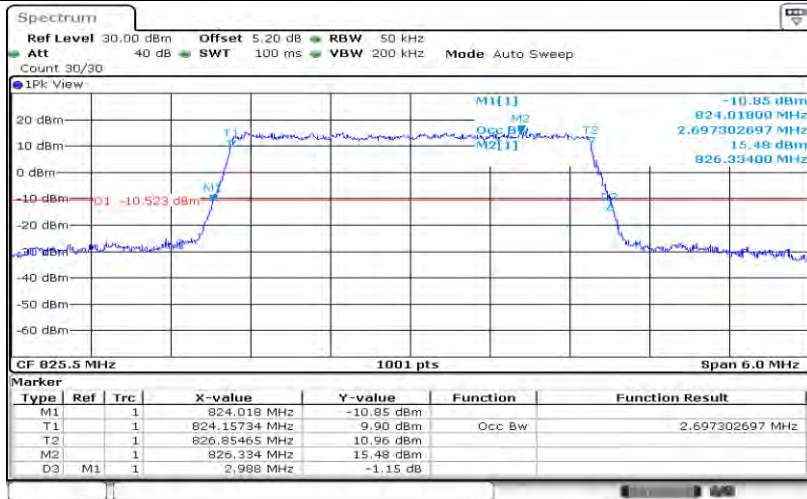


Band5-1.4MHz-16QAM-20643-6RB#0-1.091



Date: 19 MAY 2020 13:04:12

Band5-3MHz-QPSK-20415-15RB#0-2.697



Date: 19 MAY 2020 13:04:31



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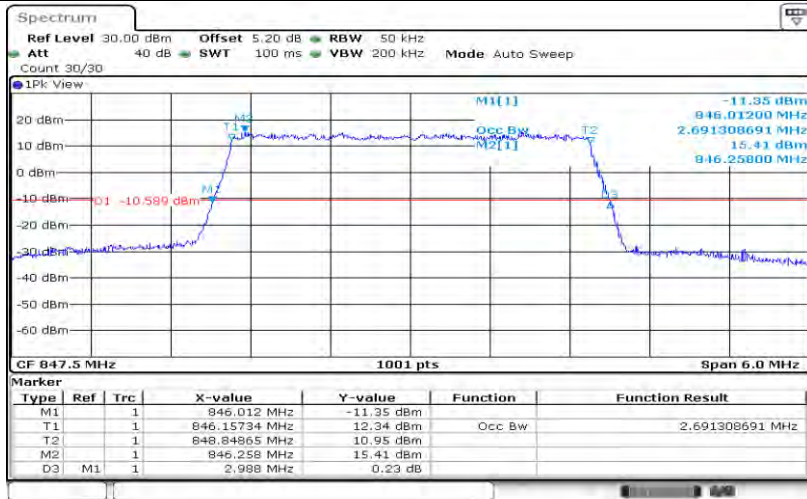


Band5-3MHz-QPSK-20525-15RB#0-2.697



Date: 19 MAY 2020 13:04:56

Band5-3MHz-QPSK-20635-15RB#0-2.691



Date: 19 MAY 2020 13:05:22

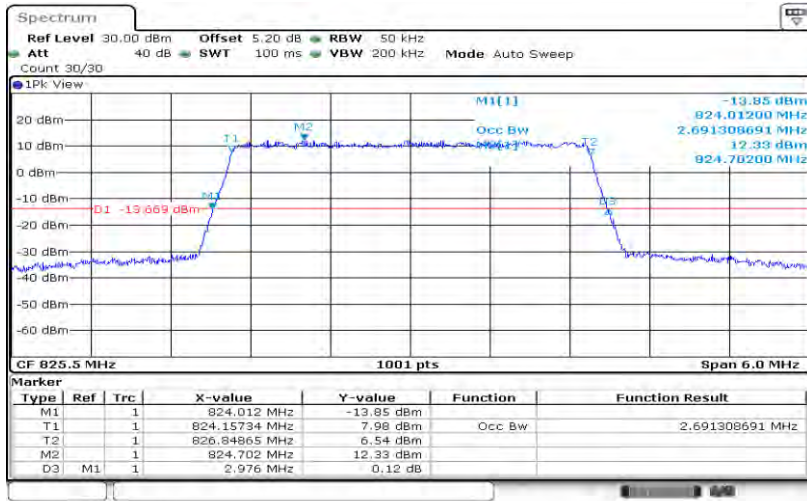


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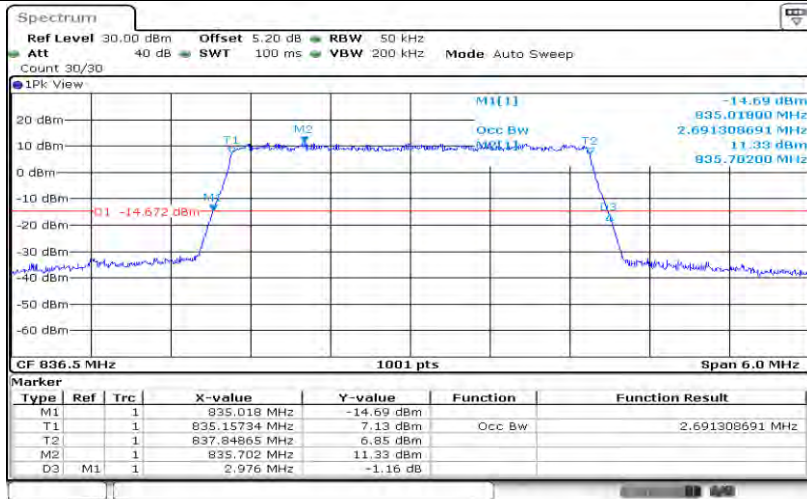


Band5-3MHz-64QAM-20415-15RB#0-2.691



Date: 22 MAY 2020 10:32:12

Band5-3MHz-64QAM-20525-15RB#0-2.691



Date: 22 MAY 2020 10:32:25

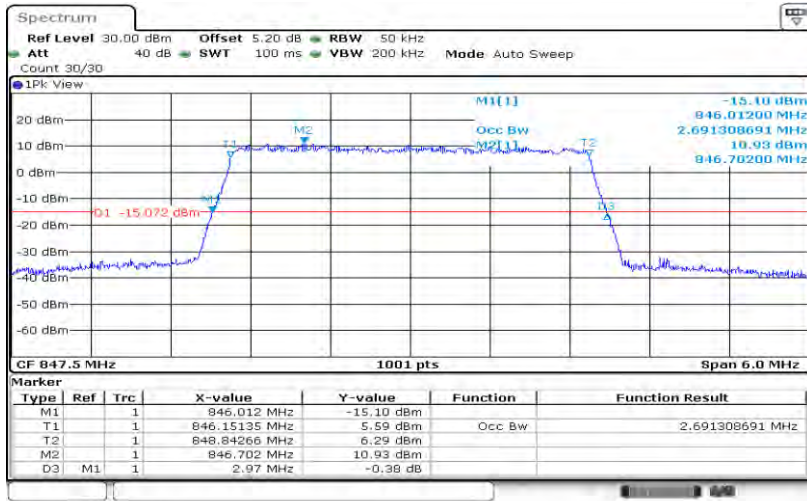


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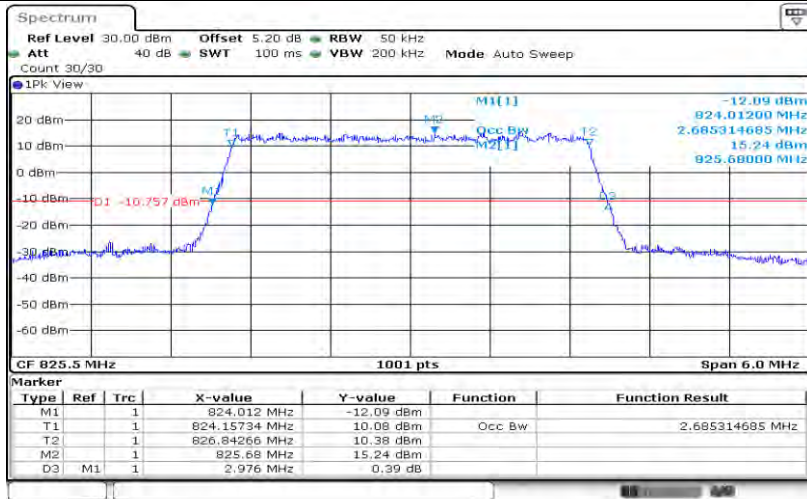


Band5-3MHz-64QAM-20635-15RB#0-2.691



Date: 22 MAY 2020 10:32:38

Band5-3MHz-16QAM-20415-15RB#0-2.685



Date: 19 MAY 2020 13:04:43

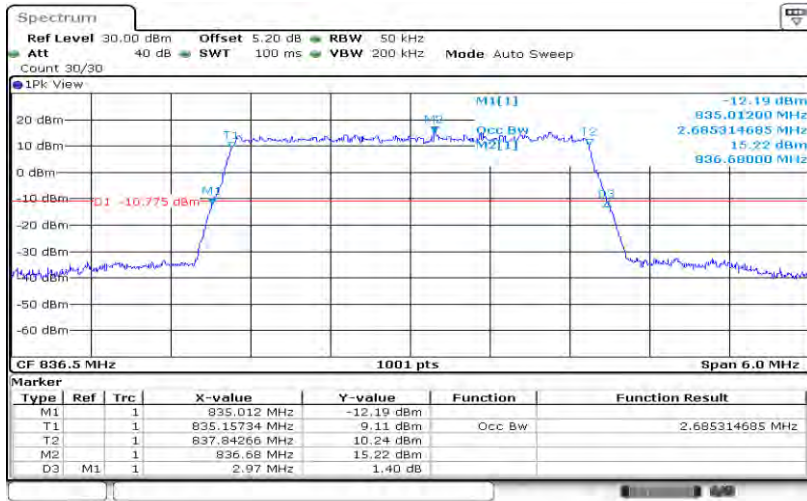


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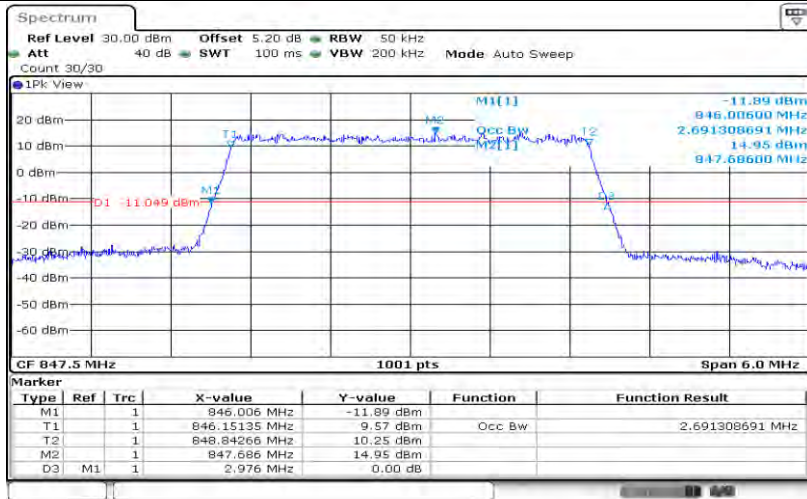


Band5-3MHz-16QAM-20525-15RB#0-2.685



Date: 19 MAY 2020 13:05:09

Band5-3MHz-16QAM-20635-15RB#0-2.691



Date: 19 MAY 2020 13:05:35

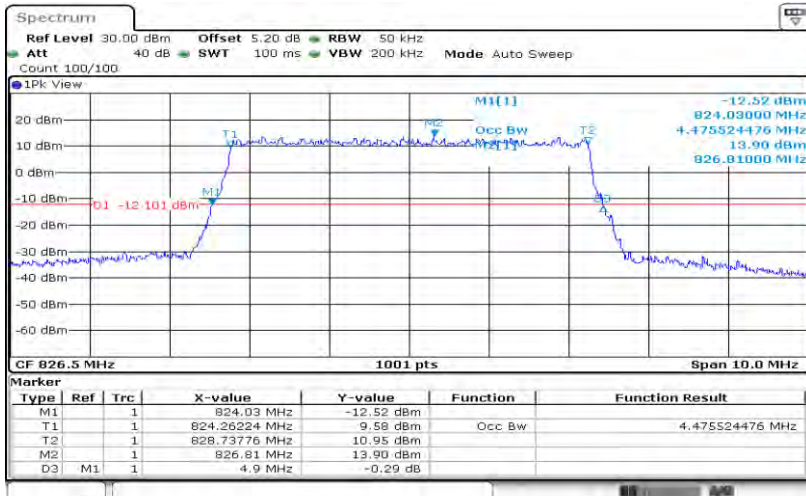


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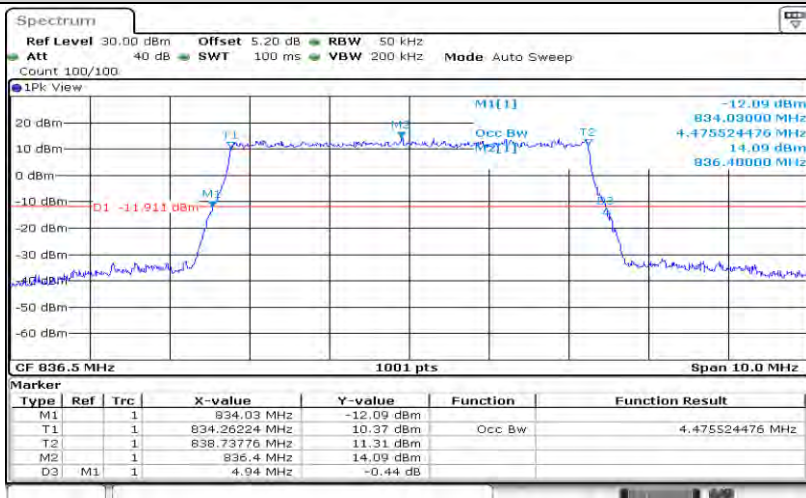


Band5-5MHz-QPSK-20425-25RB#0-4.476



Date: 19 MAY 2020 13:05:59

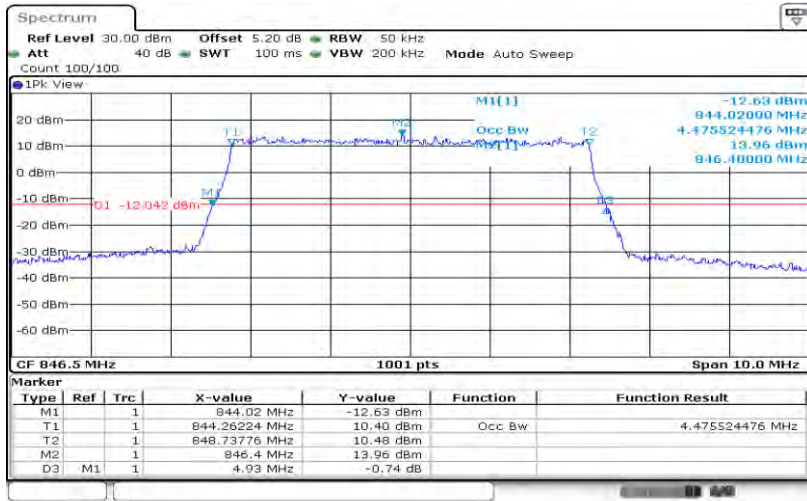
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Date: 19 MAY 2020 13:06:39

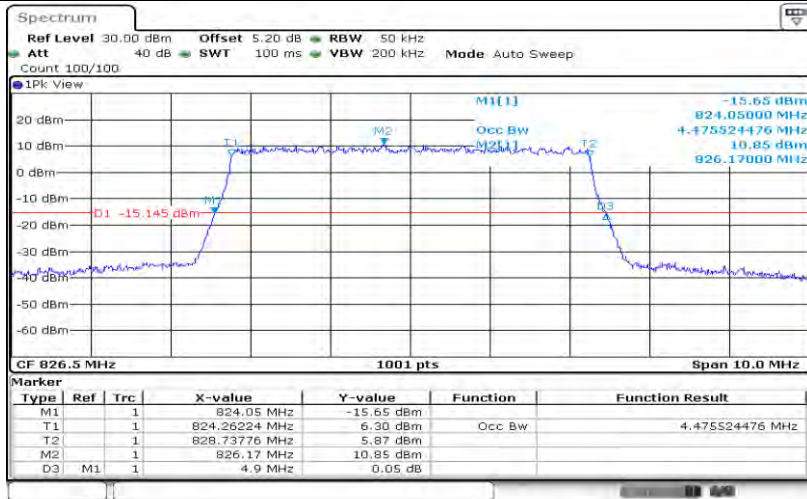


Band5-5MHz-QPSK-20625-25RB#0-4.476



Date: 19 MAY 2020 13:07:18

Band5-5MHz-64QAM-20425-25RB#0-4.476



Date: 22 MAY 2020 10:33:03

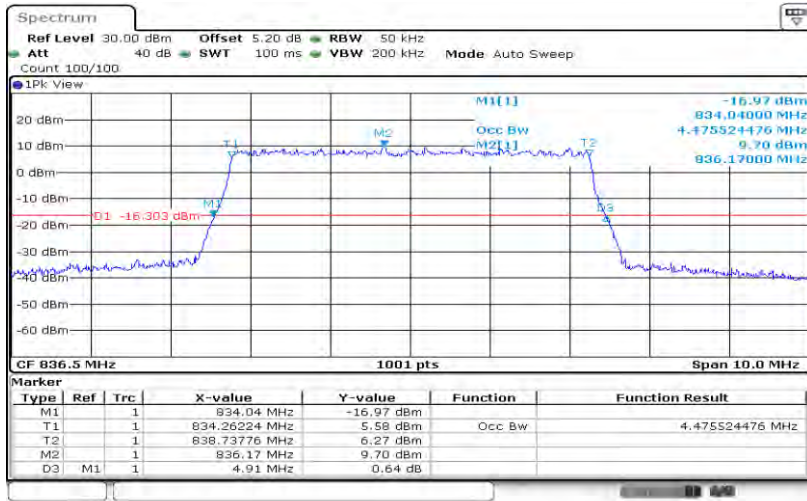


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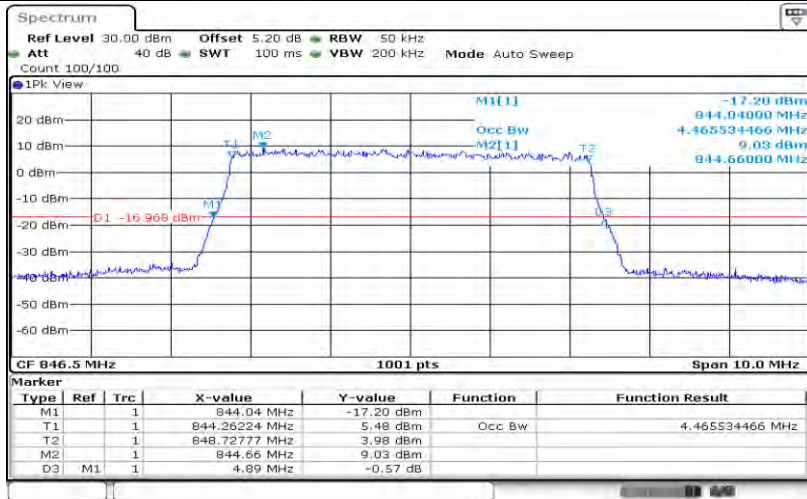


Band5-5MHz-64QAM-20525-25RB#0-4.476



Date: 22 MAY 2020 10:33:23

Band5-5MHz-64QAM-20625-25RB#0-4.466



Date: 22 MAY 2020 10:33:43

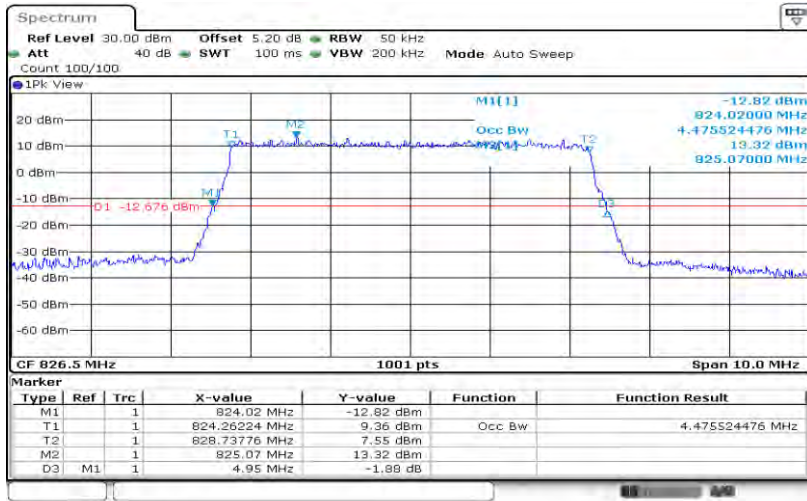


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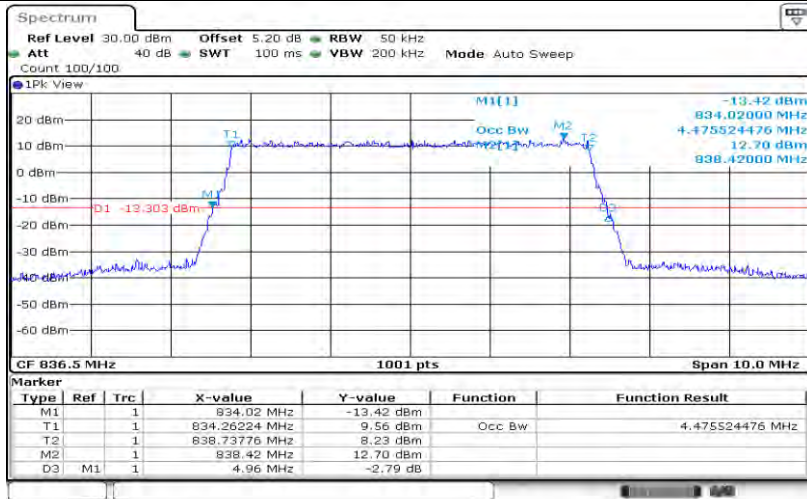


Band5-5MHz-16QAM-20425-25RB#0-4.476



Date: 19 MAY 2020 13:06:19

Band5-5MHz-16QAM-20525-25RB#0-4.476



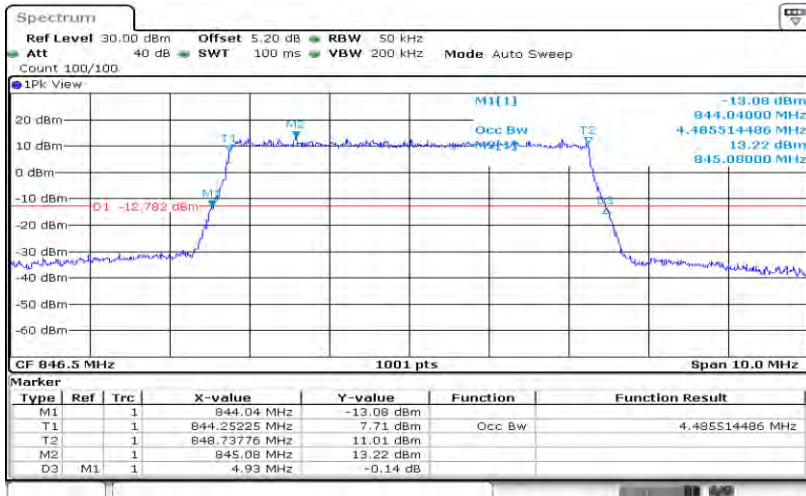
Date: 19 MAY 2020 13:06:59



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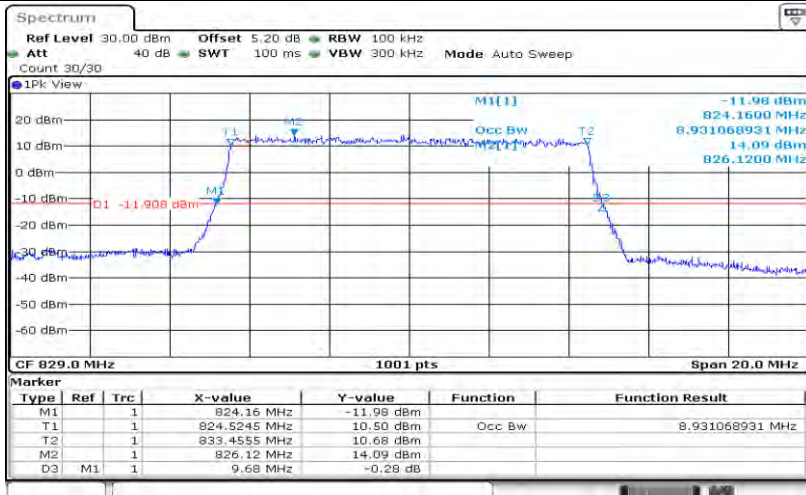


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Date: 19 MAY 2020 13:07:38

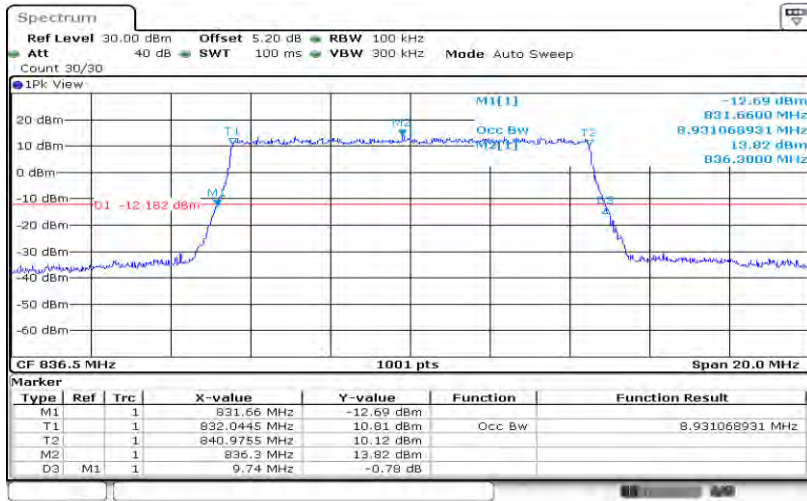
Band5-10MHz-QPSK-20450-50RB#0-8.931



Date: 19 MAY 2020 13:07:56

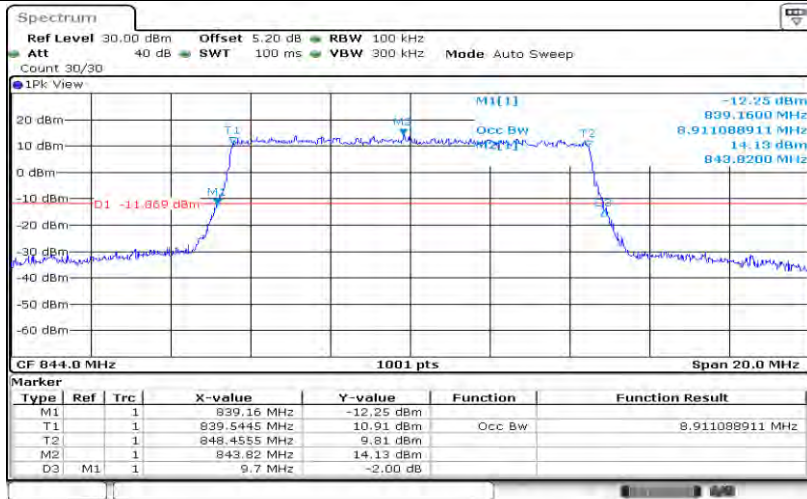


Band5-10MHz-QPSK-20525-50RB#0-8.931



Date: 19 MAY 2020 13:08:21

Band5-10MHz-QPSK-20600-50RB#0-8.911



Date: 19 MAY 2020 13:08:47



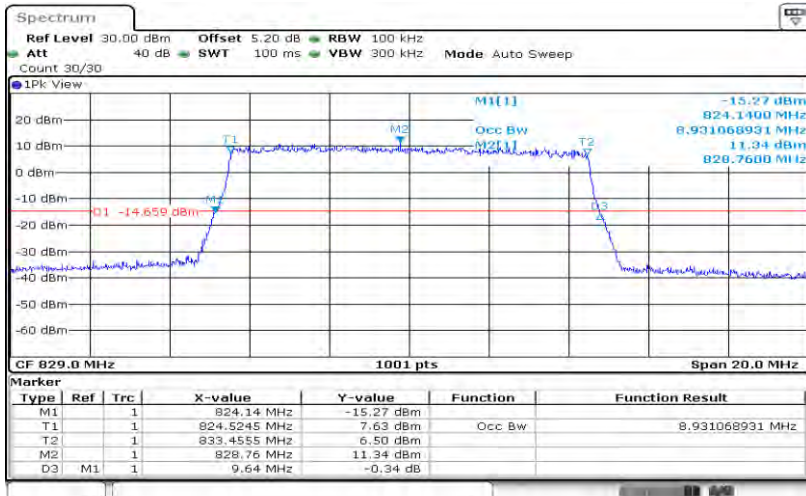
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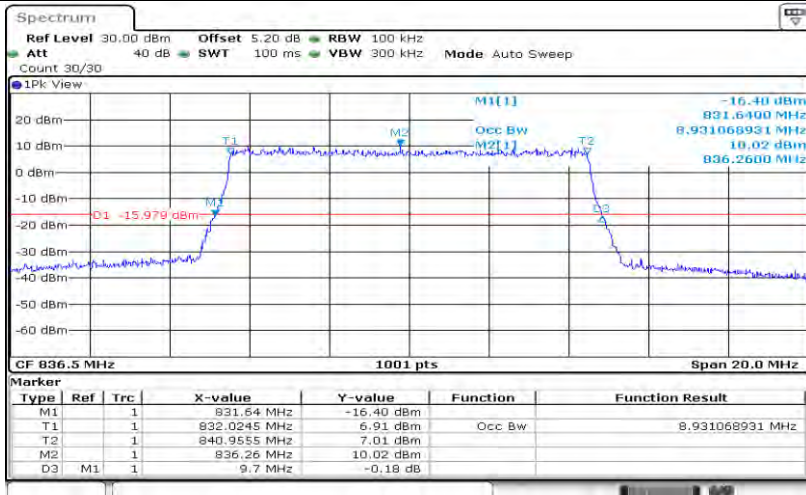


Band5-10MHz-64QAM-20450-50RB#0-8.931



Date: 22 MAY 2020 10:34:00

Band5-10MHz-64QAM-20525-50RB#0-8.931



Date: 22 MAY 2020 10:34:13



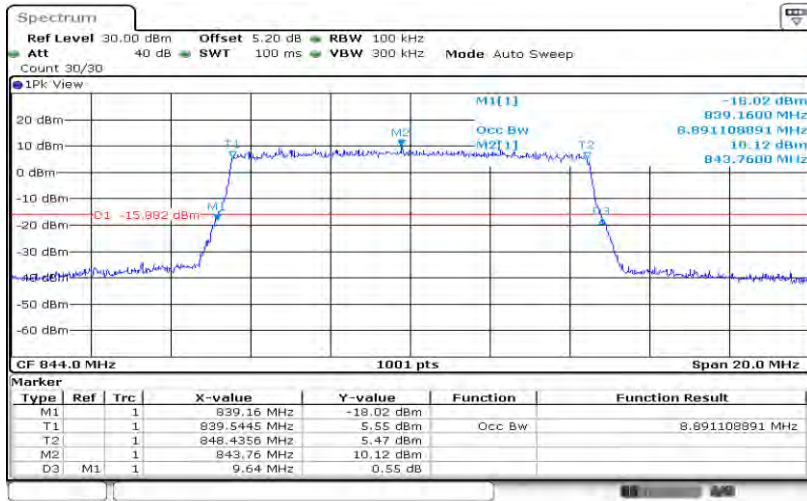
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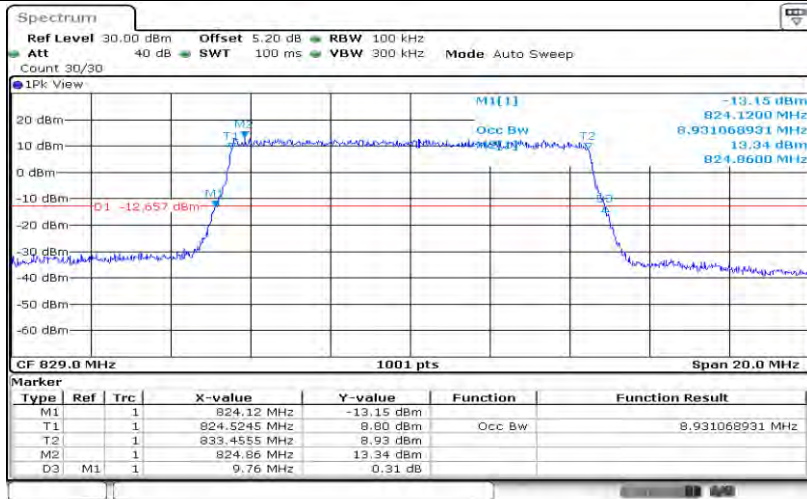


Band5-10MHz-64QAM-20600-50RB#0-8.891



Date: 22 MAY 2020 10:34:26

Band5-10MHz-16QAM-20450-50RB#0-8.931



Date: 19 MAY 2020 13:08:08



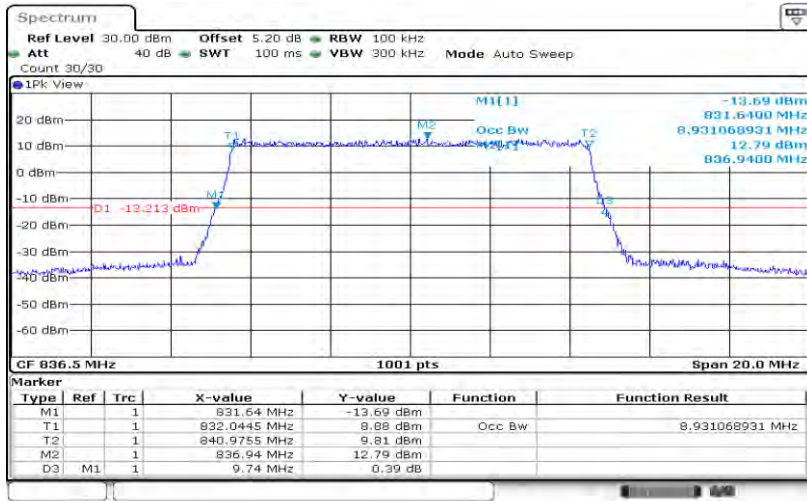
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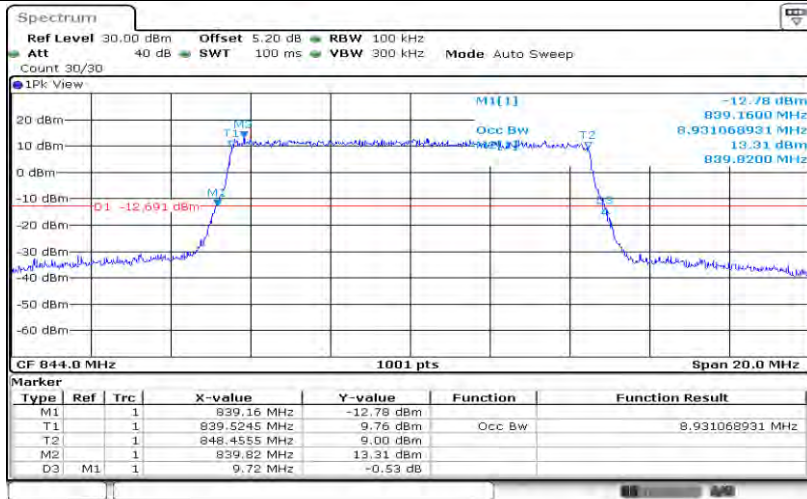


Band5-10MHz-16QAM-20525-50RB#0-8.931



Date: 19 MAY 2020 13:08:34

Band5-10MHz-16QAM-20600-50RB#0-8.931



Date: 19 MAY 2020 13:08:59



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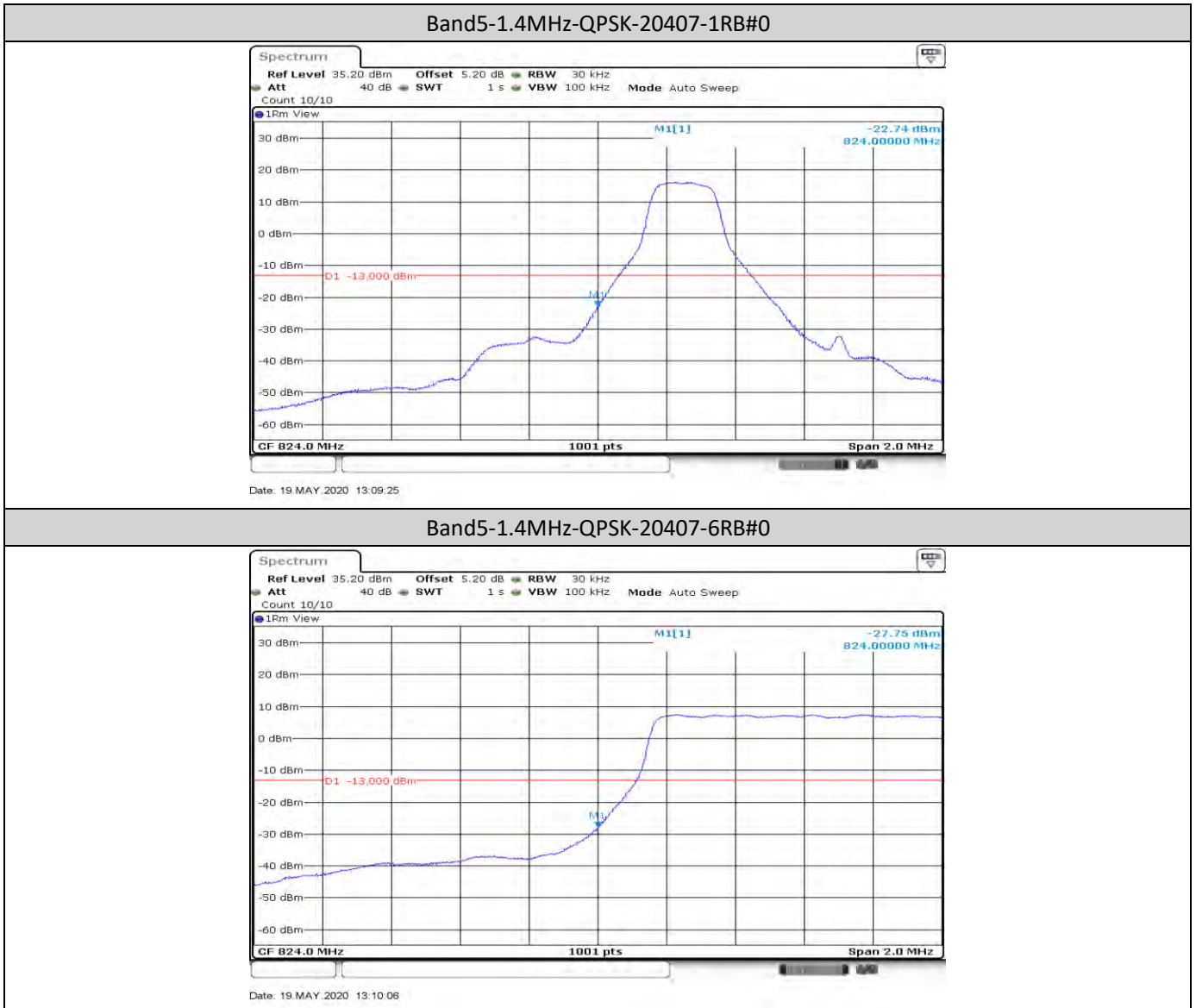
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5. Band Edge Compliance

5.1. Test Plots

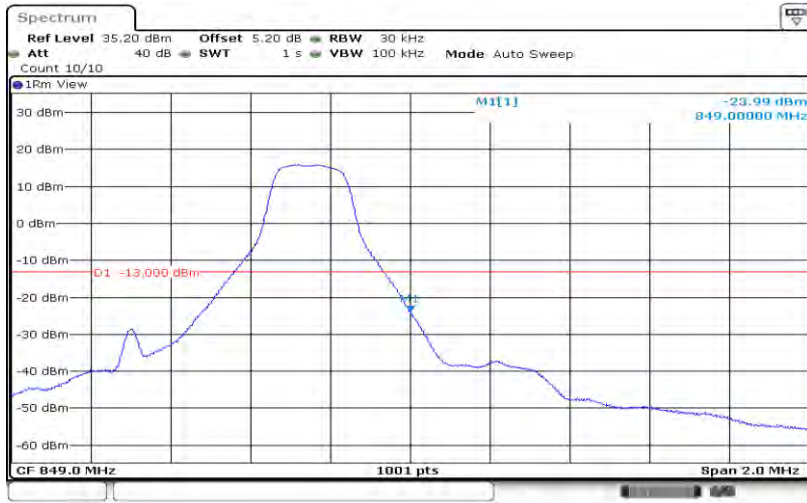


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Band5-1.4MHz-QPSK-20643-1RB#5



Date: 19 MAY 2020 13:10:51

Band5-1.4MHz-QPSK-20643-6RB#0



Date: 19 MAY 2020 13:11:32

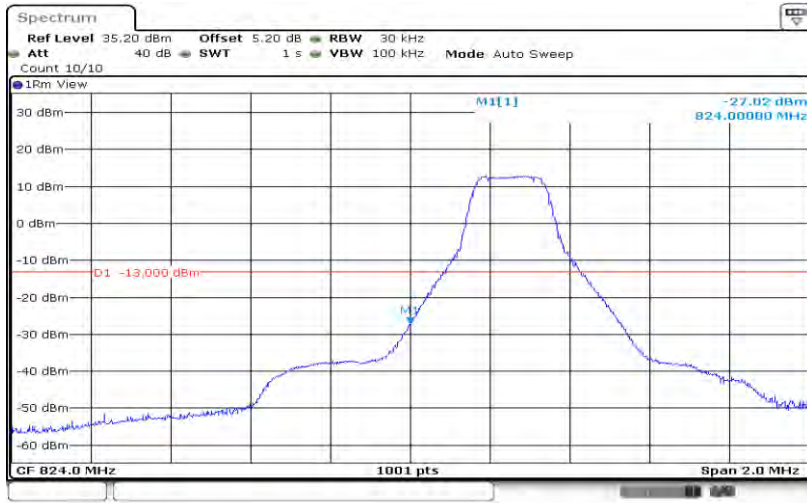


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Band5-1.4MHz-64QAM-20407-1RB#0



Date: 22 MAY 2020 10:34:52

Band5-1.4MHz-64QAM-20407-6RB#0



Date: 22 MAY 2020 10:35:12



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Band5-1.4MHz-64QAM-20643-1RB#5



Date: 22 MAY 2020 10:35:38

Band5-1.4MHz-64QAM-20643-6RB#0



Date: 22 MAY 2020 10:35:58

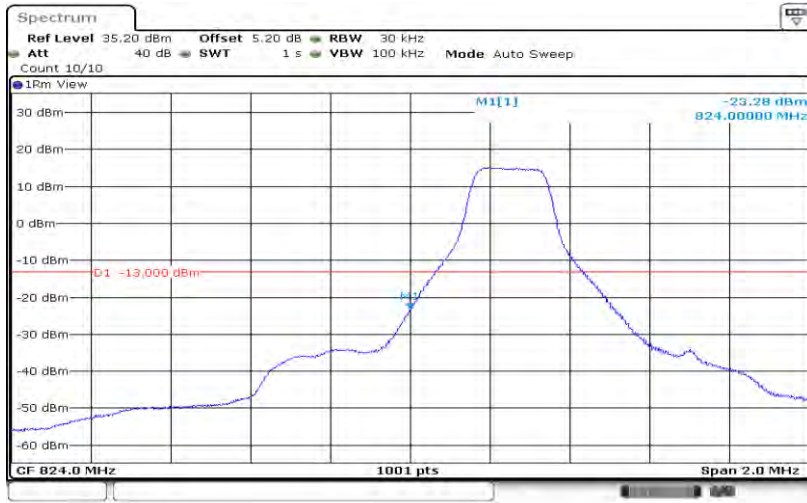


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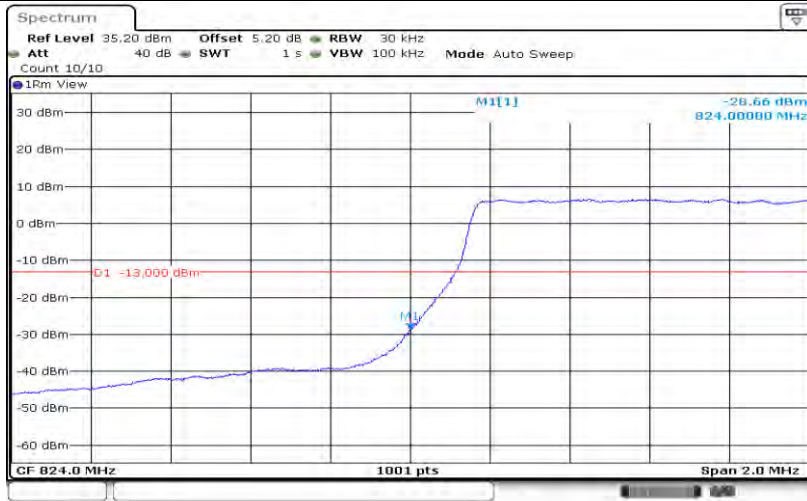


Band5-1.4MHz-16QAM-20407-1RB#0



Date: 19 MAY 2020 13:09:46

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Date: 19 MAY 2020 13:10:27

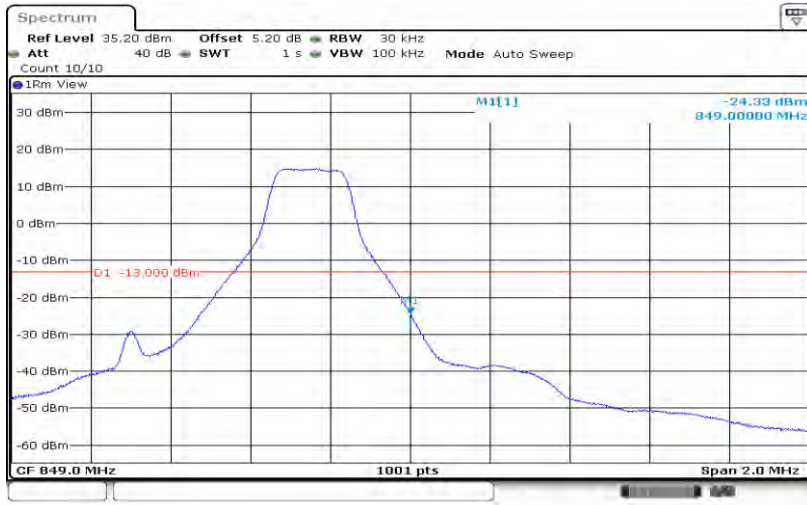


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Band5-1.4MHz-16QAM-20643-1RB#5



Date: 19 MAY 2020 13:11:12

Band5-1.4MHz-16QAM-20643-6RB#0



Date: 19 MAY 2020 13:11:53

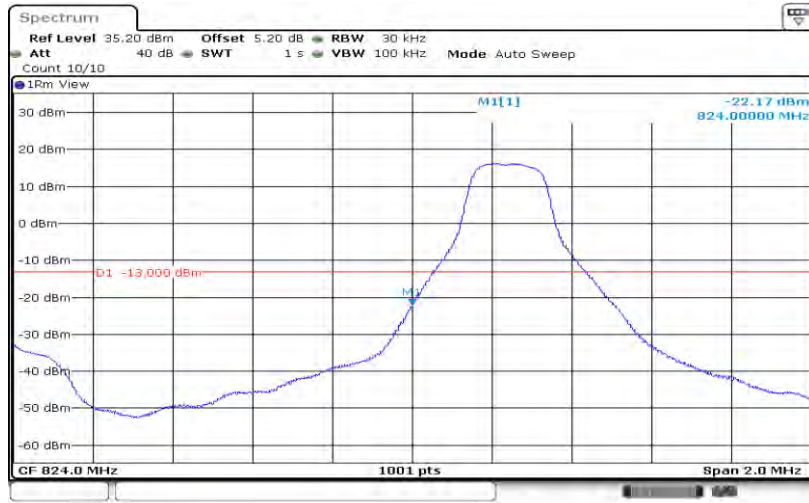


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Band5-3MHz-QPSK-20415-1RB#0



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Band5-3MHz-QPSK-20415-15RB#0



Date: 19 MAY 2020 13:12:59



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Band5-3MHz-QPSK-20635-1RB#14



Date: 19 MAY 2020 13:13:45

Band5-3MHz-QPSK-20635-15RB#0



Date: 19 MAY 2020 13:14:26

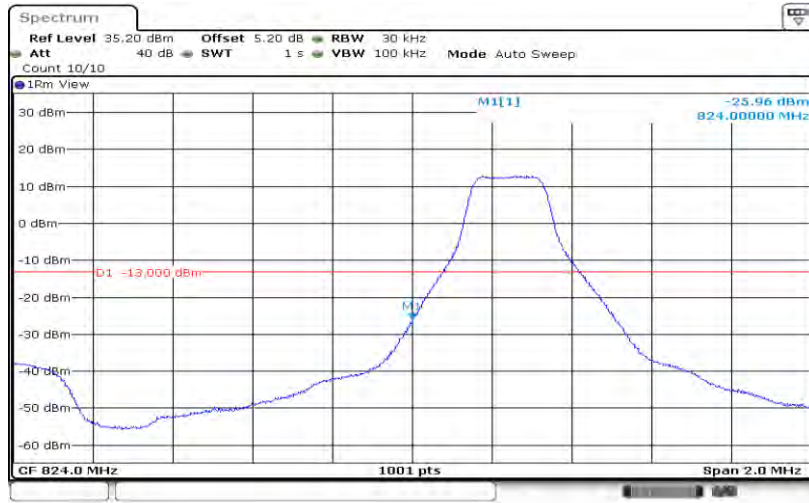


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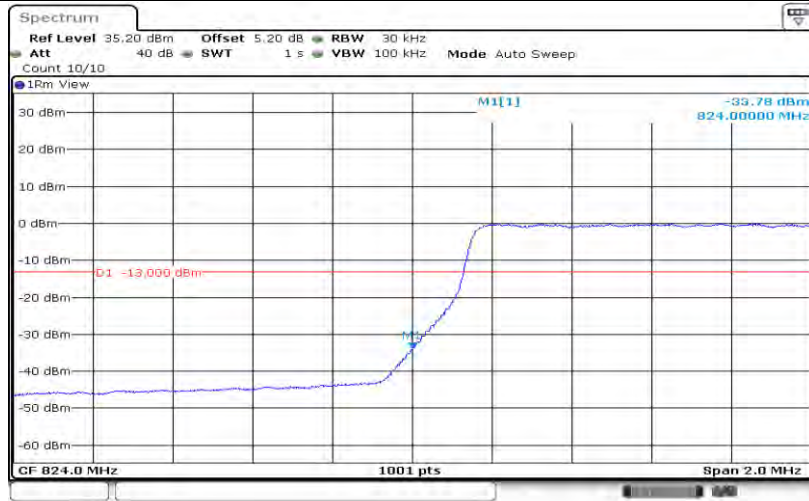


Band5-3MHz-64QAM-20415-1RB#0



Date: 22 MAY 2020 10:36:24

Band5-3MHz-64QAM-20415-15RB#0



Date: 22 MAY 2020 10:36:45

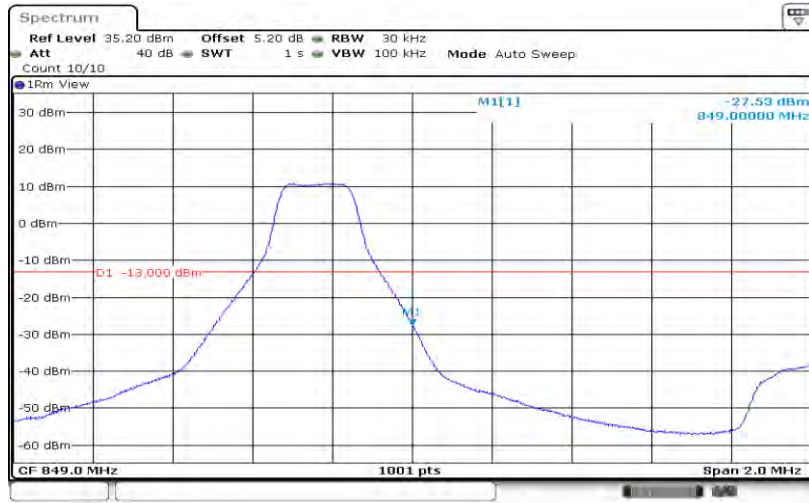


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Band5-3MHz-64QAM-20635-1RB#14



Date: 22 MAY 2020 10:37:10

Band5-3MHz-64QAM-20635-15RB#0



Date: 22 MAY 2020 10:37:30

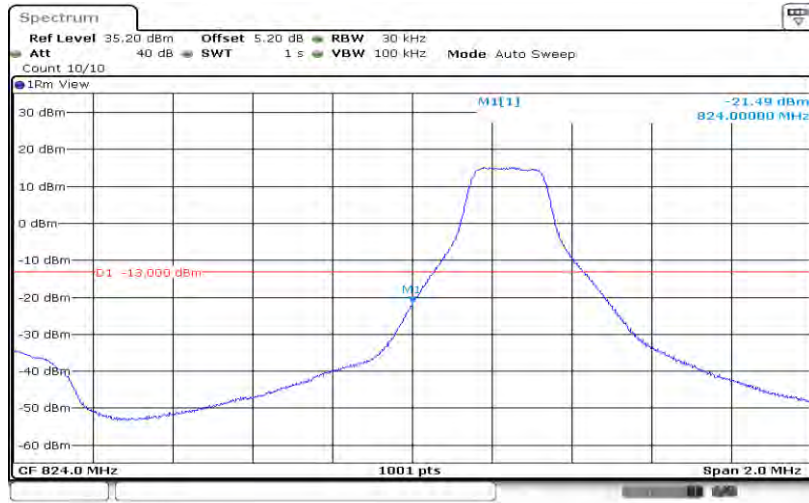


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Band5-3MHz-16QAM-20415-1RB#0



Date: 19 MAY 2020 13:12:39

Band5-3MHz-16QAM-20415-15RB#0



Date: 19 MAY 2020 13:13:20

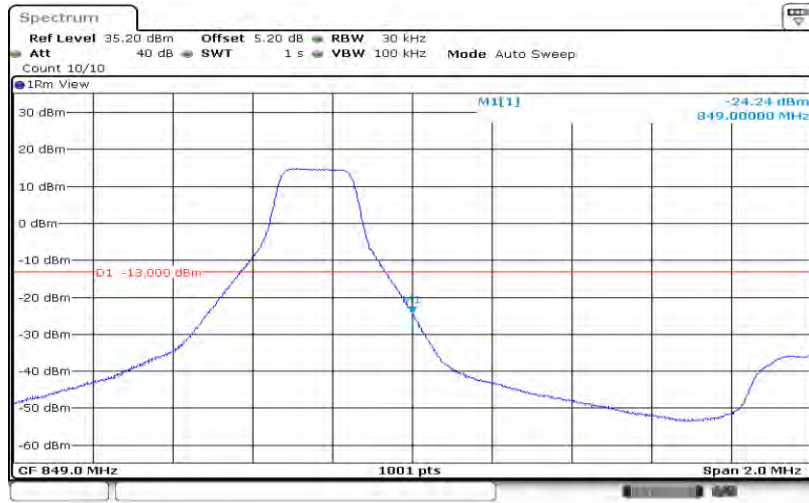


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Band5-3MHz-16QAM-20635-1RB#14



Date: 19 MAY 2020 13:14:06

Band5-3MHz-16QAM-20635-15RB#0



Date: 19 MAY 2020 13:14:47

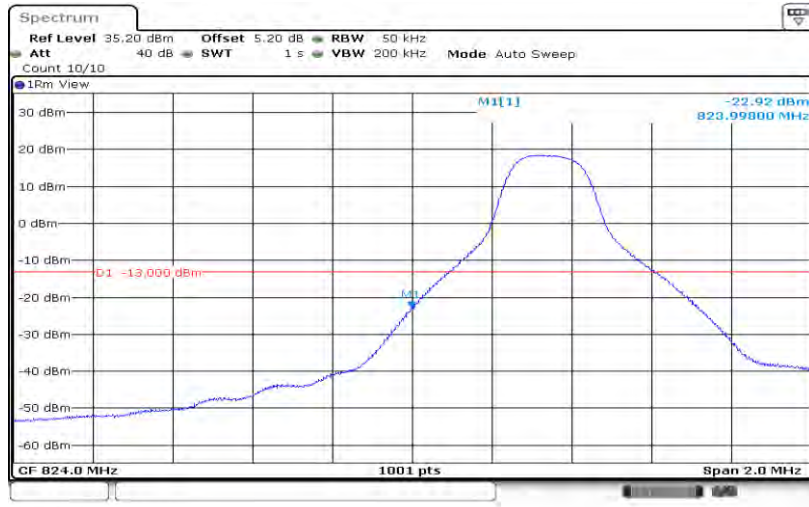


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Band5-5MHz-QPSK-20425-1RB#0



Date: 19 MAY 2020 13:15:12

Band5-5MHz-QPSK-20425-25RB#0



Date: 19 MAY 2020 13:15:53



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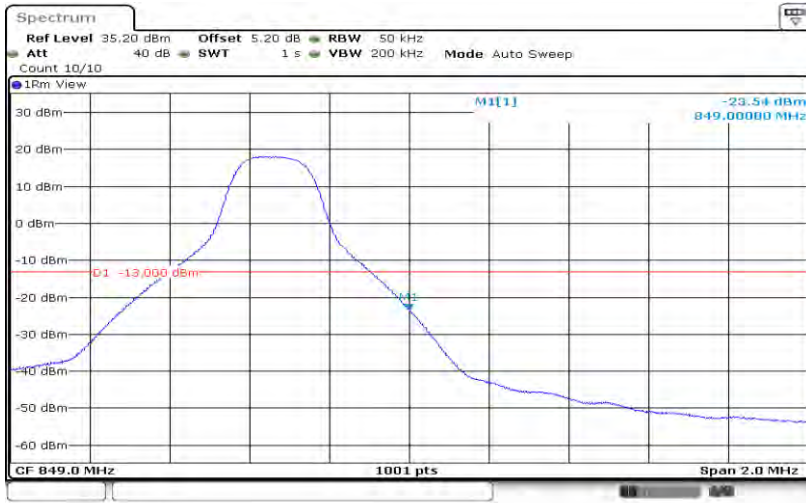
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Shenzhen Branch

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Band5-5MHz-QPSK-20625-1RB#24



Date: 19 MAY 2020 13:16:39

Band5-5MHz-QPSK-20625-25RB#0



Date: 19 MAY 2020 13:17:20



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Band5-5MHz-64QAM-20425-1RB#0



Date: 22 MAY 2020 10:37:56

Band5-5MHz-64QAM-20425-25RB#0



Date: 22 MAY 2020 10:38:16

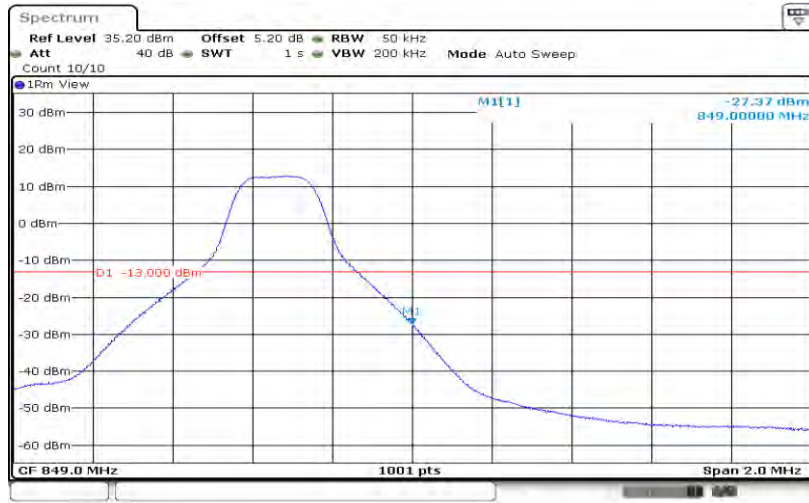


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Band5-5MHz-64QAM-20625-1RB#24



Date: 22 MAY 2020 10:38:41

Band5-5MHz-64QAM-20625-25RB#0



Date: 22 MAY 2020 10:39:02



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Band5-5MHz-16QAM-20425-1RB#0



Date: 19 MAY 2020 13:15:33

Band5-5MHz-16QAM-20425-25RB#0



Date: 19 MAY 2020 13:16:14



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Band5-5MHz-16QAM-20625-1RB#24



Date: 19 MAY 2020 13:16:59

Band5-5MHz-16QAM-20625-25RB#0



Date: 19 MAY 2020 13:17:40



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Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0



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Band5-10MHz-QPSK-20600-1RB#49



Band5-10MHz-QPSK-20600-50RB#0



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Band5-10MHz-64QAM-20450-1RB#0



Date: 22 MAY 2020 10:39:27

Band5-10MHz-64QAM-20450-50RB#0



Date: 22 MAY 2020 10:39:48



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Band5-10MHz-64QAM-20600-1RB#49



Date: 22 MAY 2020 10:40:13

Band5-10MHz-64QAM-20600-50RB#0



Date: 22 MAY 2020 10:40:33



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Band5-10MHz-16QAM-20450-1RB#0



Date: 19 MAY 2020 13:18:26

Band5-10MHz-16QAM-20450-50RB#0



Date: 19 MAY 2020 13:19:07

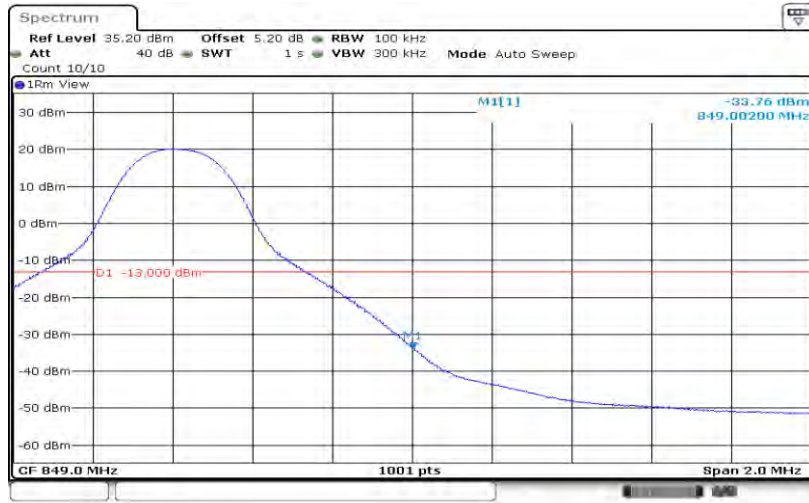


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Band5-10MHz-16QAM-20600-1RB#49



Date: 19 MAY 2020 13:19:53

Band5-10MHz-16QAM-20600-50RB#0



Date: 19 MAY 2020 13:20:34



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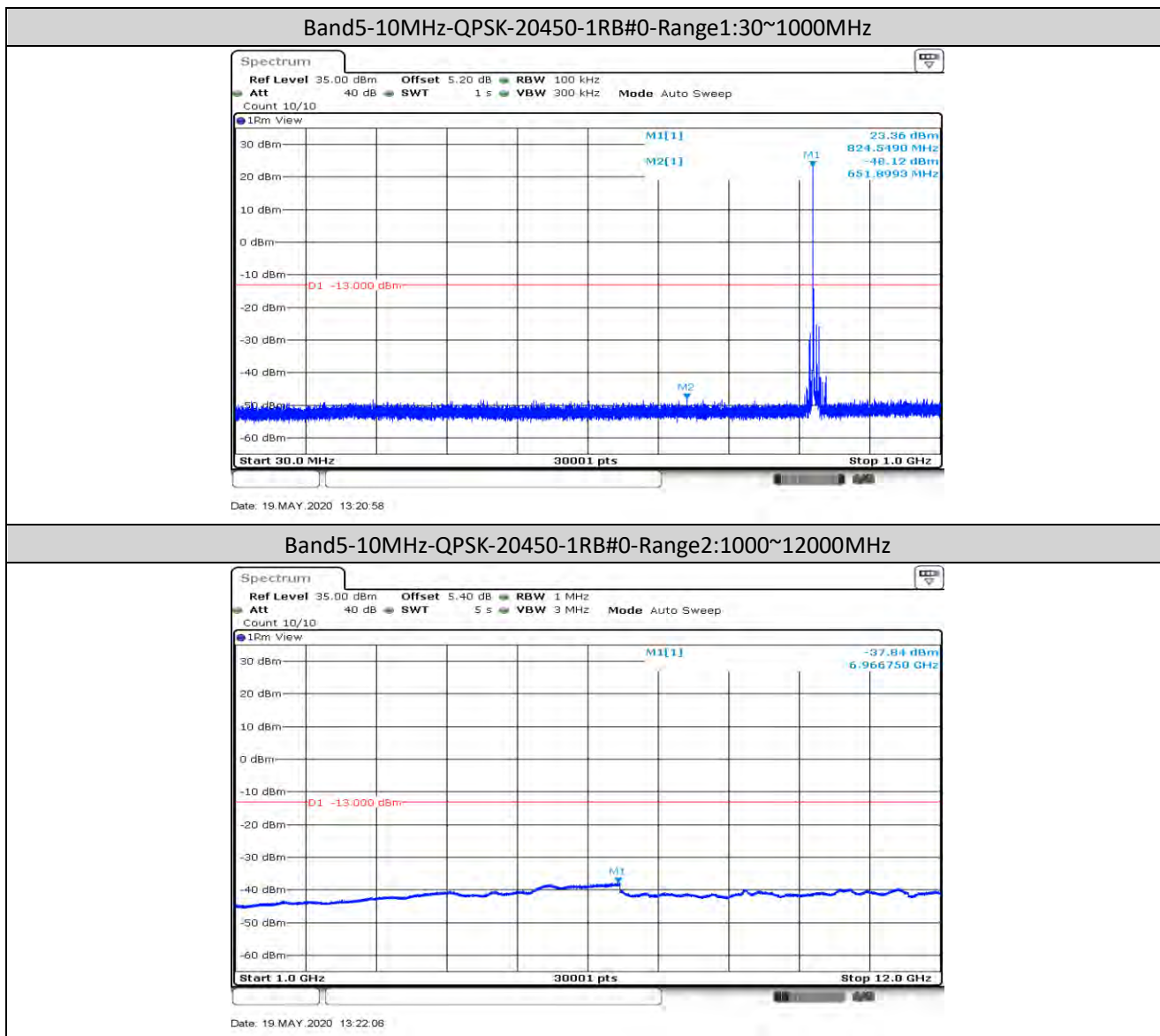
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6. Spurious Emission at Antenna Terminal

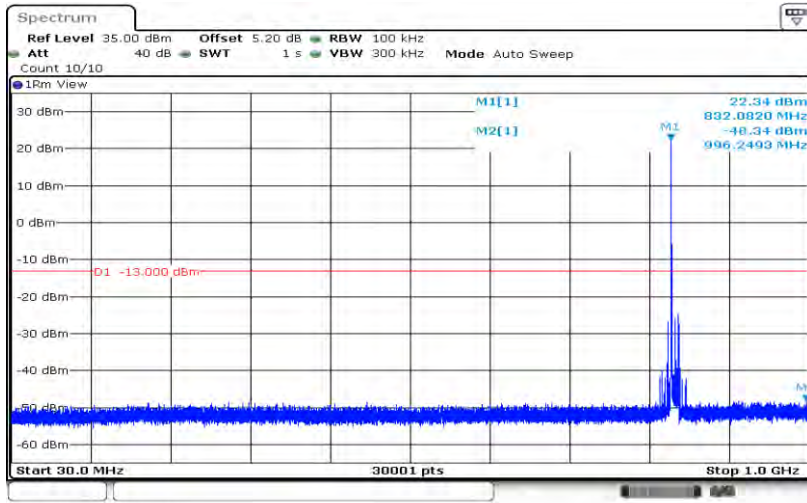
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1. Test Plots

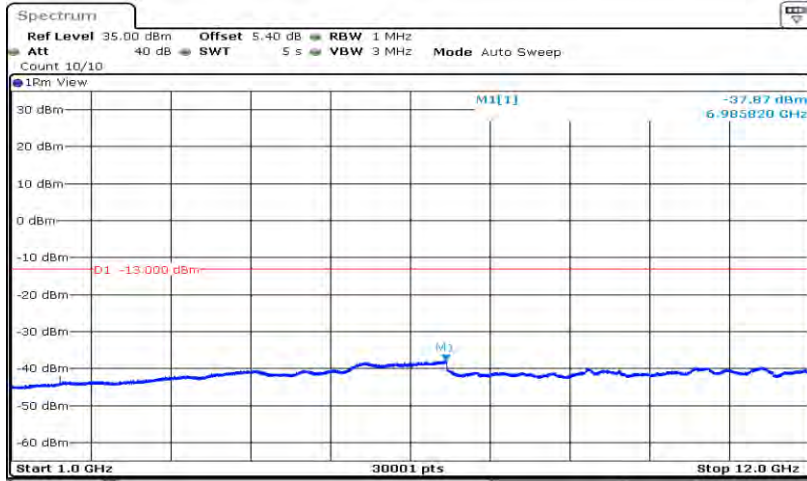


Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:23:53

Band5-10MHz-QPSK-20525-1RB#0-Range2:1.000~12.000MHz

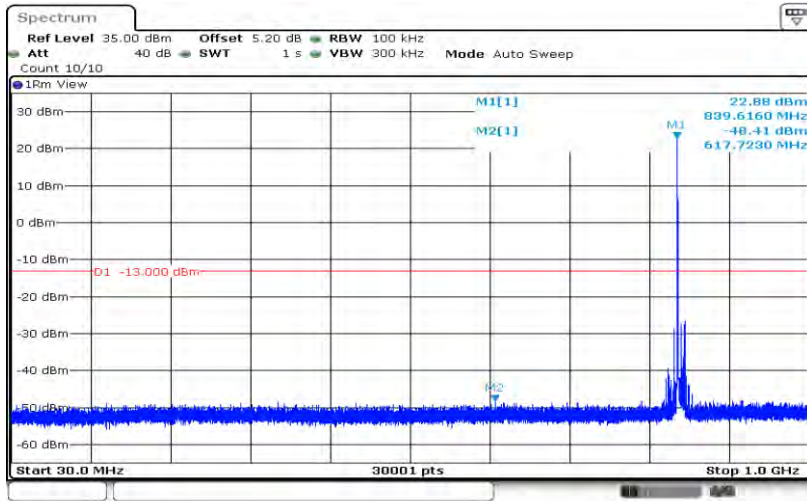


Date: 19.MAY.2020 13:25:01



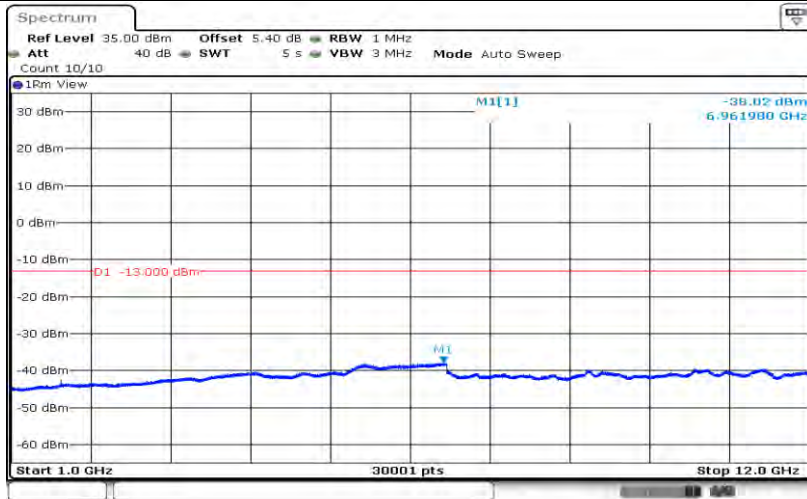
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Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:26:49

Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~12000MHz

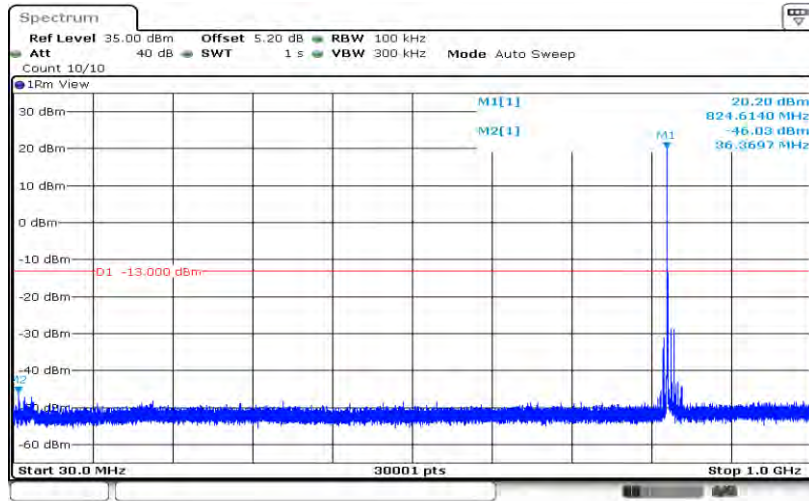


Date: 19.MAY.2020 13:27:56



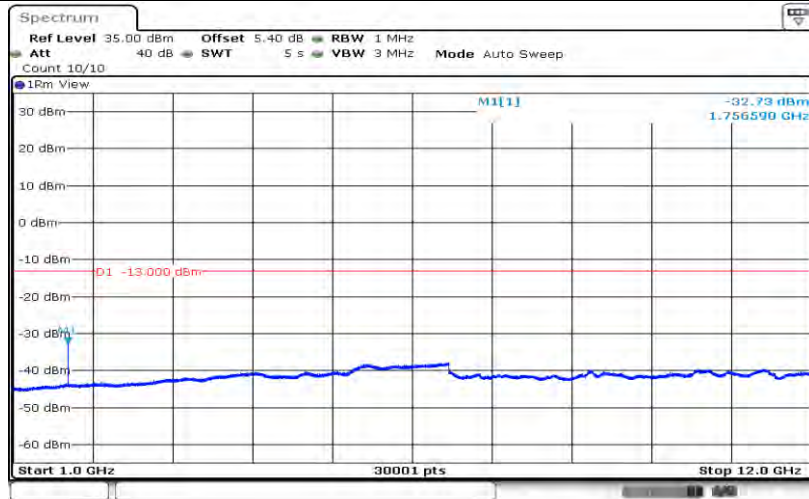
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Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 10:40:58

Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~12000MHz

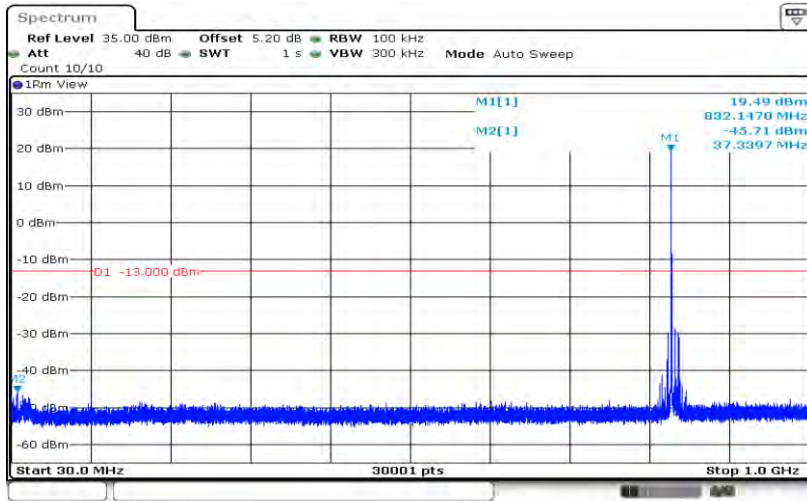


Date: 22 MAY 2020 10:42:05



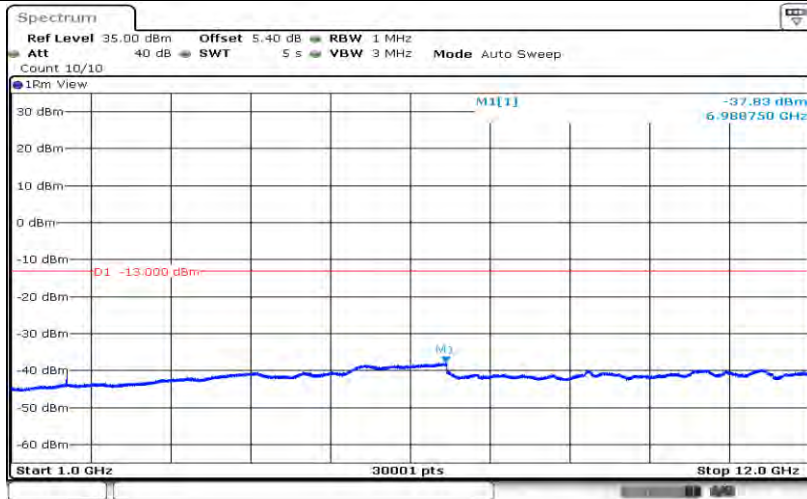
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Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 10:42:25

Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~12000MHz



Date: 22 MAY 2020 10:43:32

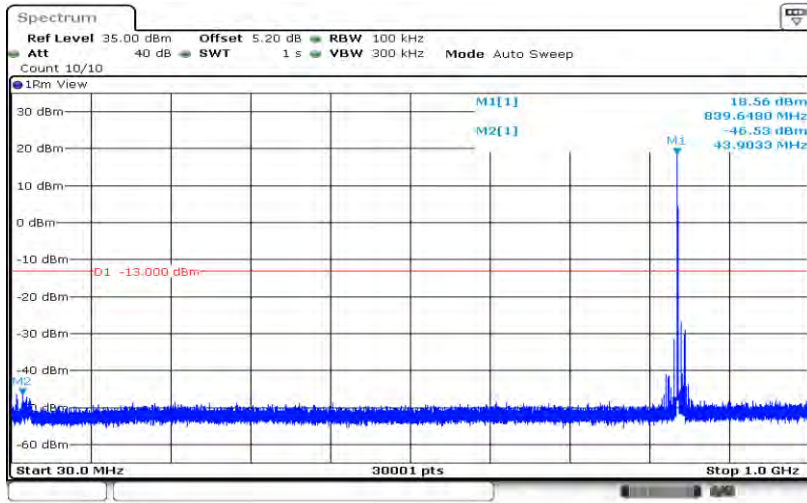


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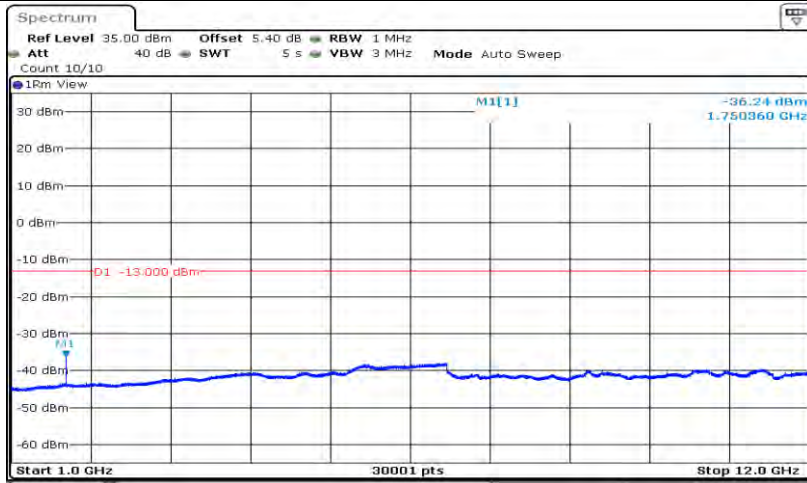
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Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 10:43:52

Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~12000MHz



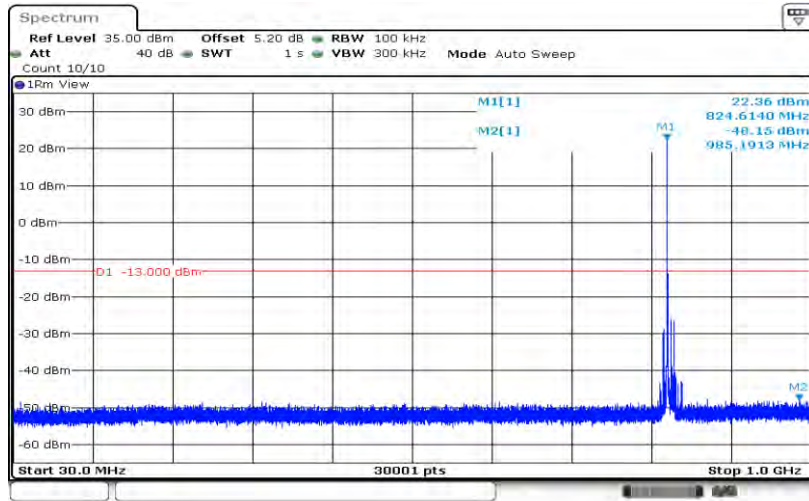
Date: 22 MAY 2020 10:45:00



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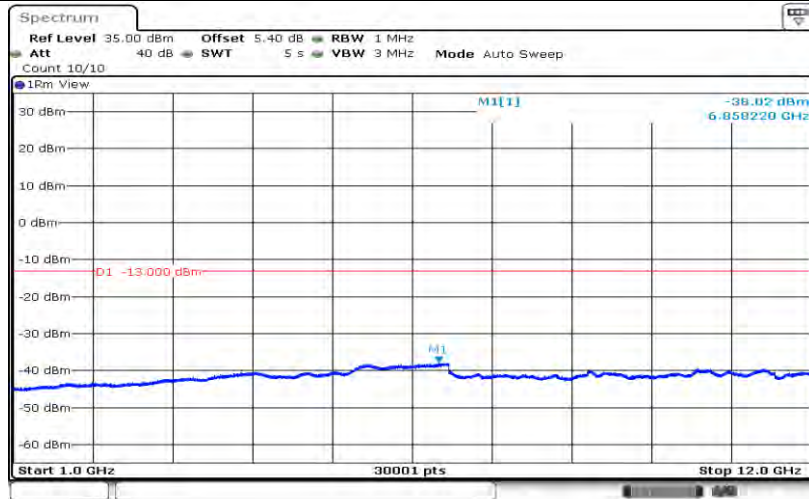
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Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Date: 19 MAY 2020 13:22:26

Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~12000MHz



Date: 19 MAY 2020 13:23:33

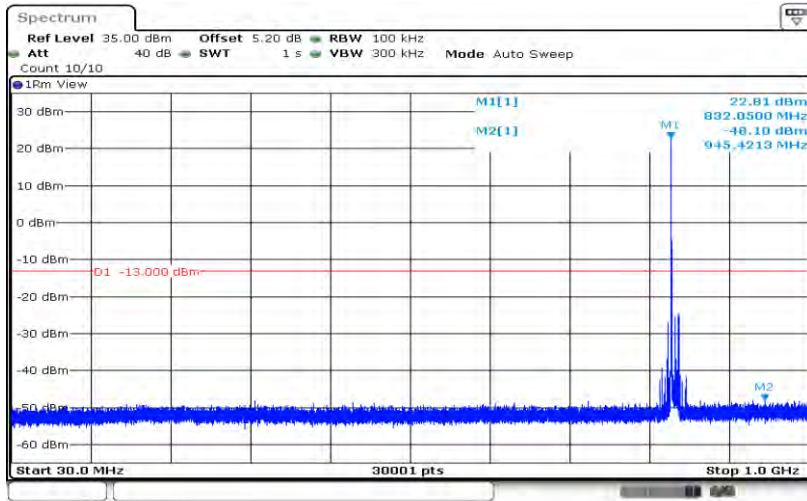


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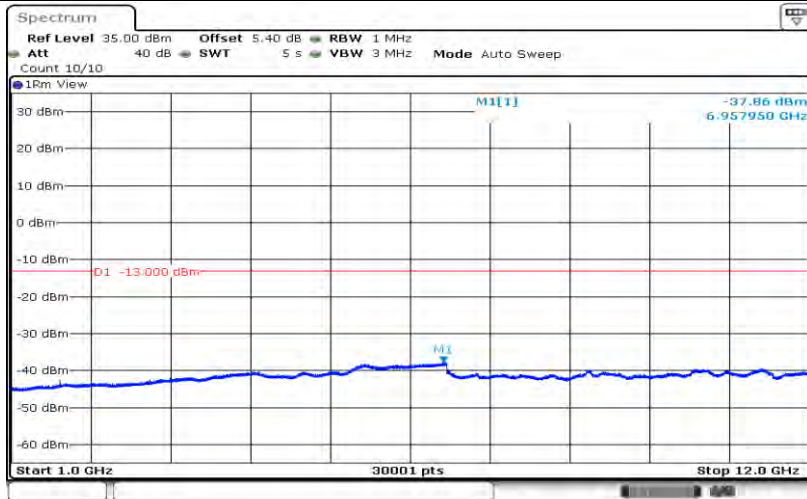
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Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:25:21

Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~12000MHz



Date: 19.MAY.2020 13:26:28

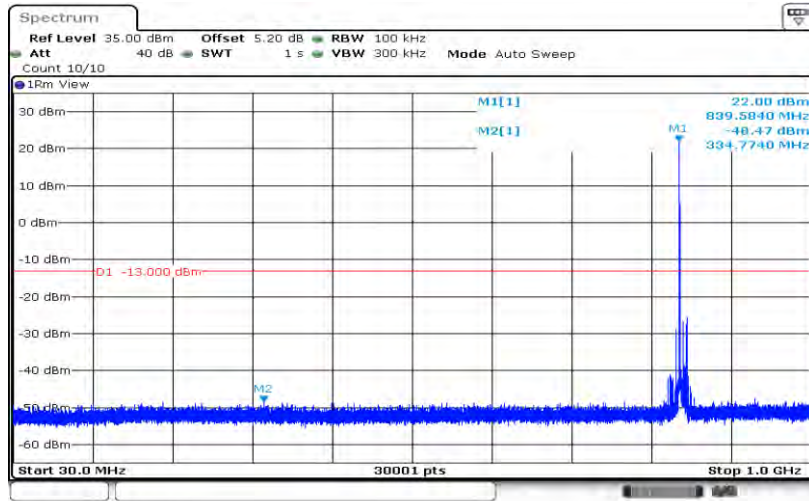


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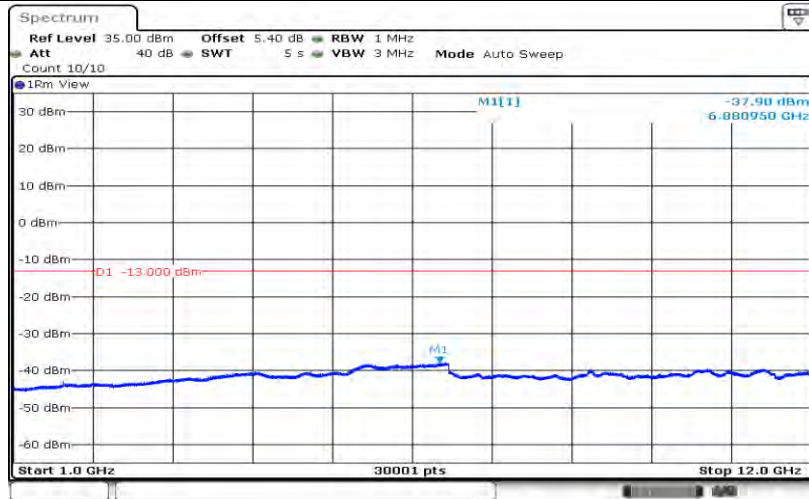
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Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:28:16

Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~12000MHz



Date: 19.MAY.2020 13:29:23



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1. Test Channel = LCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
40.7190	-69.60	-62.80	-13.00	49.80	163	161	Horizontal
1648.9298	-57.29	-53.24	-13.00	40.24	166	161	Horizontal
2471.8944	-46.25	-35.46	-13.00	22.46	137	276	Horizontal
4947.6649	-39.88	-47.62	-13.00	34.62	252	61	Horizontal
5772.0924	-41.21	-47.29	-13.00	34.29	296	61	Horizontal
8245.7749	-42.51	-42.14	-13.00	29.14	267	0	Horizontal
116.1888	-68.94	-63.07	-13.00	50.07	263	38	Vertical
1648.9298	-57.66	-52.98	-13.00	39.98	215	214	Vertical
4947.6649	-44.47	-52.35	-13.00	39.35	177	6	Vertical
5772.2924	-40.64	-47.24	-13.00	34.24	369	6	Vertical
7421.1474	-48.18	-47.72	-13.00	34.72	188	6	Vertical
8245.9749	-47.31	-46.63	-13.00	33.63	219	6	Vertical

7.1.2. Test Channel = MCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
42.7561	-69.12	-62.22	-13.00	49.22	178	197	Horizontal
1664.1328	-63.80	-59.90	-13.00	46.90	111	170	Horizontal
4160.6387	-45.14	-54.24	-13.00	41.24	163	68	Horizontal
4992.2664	-40.44	-47.75	-13.00	34.75	242	68	Horizontal
5824.4942	-44.01	-50.02	-13.00	37.02	296	36	Horizontal
8320.7774	-43.38	-42.88	-13.00	29.88	248	4	Horizontal
106.8763	-68.54	-62.86	-13.00	49.86	152	130	Vertical
1664.1328	-64.26	-59.53	-13.00	46.53	222	254	Vertical
4992.2664	-45.22	-52.49	-13.00	39.49	269	31	Vertical
5824.6942	-42.35	-48.85	-13.00	35.85	231	31	Vertical
7489.1496	-50.52	-50.39	-13.00	37.39	287	2	Vertical
8321.1774	-46.71	-46.18	-13.00	33.18	126	31	Vertical



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7.1.3. Test Channel = HCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
44.0172	-68.88	-61.91	-13.00	48.91	189	38	Horizontal
1678.9358	-57.34	-53.58	-13.00	40.58	153	347	Horizontal
2518.7037	-59.69	-48.54	-13.00	35.54	157	180	Horizontal
5037.6679	-41.90	-48.89	-13.00	35.89	198	70	Horizontal
5876.8959	-46.61	-52.38	-13.00	39.38	268	38	Horizontal
8396.3799	-46.14	-46.05	-13.00	33.05	198	6	Horizontal
110.3200	-68.41	-62.03	-13.00	49.03	268	158	Vertical
1678.9358	-58.34	-53.56	-13.00	40.56	178	248	Vertical
2518.7037	-63.40	-53.80	-13.00	40.80	189	17	Vertical
5037.6679	-46.78	-53.87	-13.00	40.87	206	21	Vertical
5877.0959	-45.03	-51.39	-13.00	38.39	217	21	Vertical
8396.5799	-50.09	-49.89	-13.00	36.89	222	21	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	1.70	0.002051	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.90	0.001076	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.60	0.000717	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	1.20	0.001422	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	0.30	0.000355	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	1.40	0.001689	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	1.00	0.001206	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	1.60	0.001930	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	1.40	0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	1.40	0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	2.40	0.002869	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	2.40	0.002844	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	2.40	0.002844	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	1.70	0.002014	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	0.10	0.000121	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	1.00	0.001195	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	0.10	0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	1.00	0.001185	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	2.60	0.003136	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	1.70	0.002051	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	1.10	0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	1.30	0.001568	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	1.10	0.001315	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.60	0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	0.80	0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	1.60	0.001913	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	0.80	0.000948	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	1.10	0.001303	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	1.70	0.002014	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	0.10	0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-0.10	-0.000118	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	1.20	0.001422	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	5.20	0.006161	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	-0.90	-0.001086	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	0.60	0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	1.50	0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	0.30	0.000362	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	0.40	0.000483	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	2.80	0.003347	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	2.90	0.003467	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	3.00	0.003586	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	0.80	0.000956	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	1.40	0.001674	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	0.30	0.000359	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	40	0.70	0.000837	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	0.50	0.000598	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	1.80	0.002133	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	1.70	0.002014	±2.5	PASS



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Band5	10MHz	64QAM	20600	50RB#0	NV	10	0.80	0.000948	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	1.70	0.002014	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	0.40	0.000474	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	1.50	0.001809	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-1.00	-0.001206	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	0.30	0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	0.30	0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-0.30	-0.000362	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	0.90	0.001086	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	1.90	0.002271	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-1.20	-0.001435	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	0.40	0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	0.40	0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	0.90	0.001076	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	0.20	0.000239	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-0.70	-0.000829	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	1.00	0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.30	-0.001540	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-0.80	-0.000948	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	0.00	0.000000	±2.5	PASS



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