



# Appendix B

## E-UTRA Band 41



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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 PLOTS .....11

**3. MODULATION CHARACTERISTICS .....16**

3.1. TEST MODE = LTE /TM1 20MHZ .....16

3.1.1. TEST CHANNEL = MCH .....16

3.2. TEST MODE = LTE /TM2 20MHZ .....17

3.2.1. TEST CHANNEL = MCH .....17

3.3. TEST MODE = LTE /TM3 20MHZ .....18

3.3.1. TEST CHANNEL = MCH .....18

**4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH .....19**

4.1. TEST RESULT.....19

4.2. TEST PLOTS .....20

**5. BAND EDGE COMPLIANCE .....39**

5.1. TEST PLOTS .....39

**6. SPURIOUS EMISSION AT ANTENNA TERMINAL .....64**

6.1. TEST PLOTS .....64

**7. FIELD STRENGTH OF SPURIOUS RADIATION.....74**

7.1. TEST MODE =LTE/TM1 20MHZ.....74

7.1.1. TEST CHANNEL = LCH.....74

7.1.2. TEST CHANNEL = MCH .....74

7.1.3. TEST CHANNEL = HCH .....75

**8. FREQUENCY STABILITY.....76**

8.1. FREQUENCY VS VOLTAGE.....76

8.2. FREQUENCY VS TEMPERATURE .....77



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band41	5MHz	QPSK	40065	1RB#0	24.02	21.72	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	24.20	21.9	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	24.26	21.96	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	23.06	20.76	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	23.15	20.85	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	23.22	20.92	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	23.12	20.82	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	24.09	21.79	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	24.29	21.99	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	24.09	21.79	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	23.23	20.93	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	23.36	21.06	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	23.33	21.03	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	23.34	21.04	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	24.20	21.9	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	24.05	21.75	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	24.24	21.94	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	23.49	21.19	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	23.52	21.22	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	23.47	21.17	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	23.42	21.12	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	22.25	19.95	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	22.52	20.22	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	22.21	19.91	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	21.41	19.11	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	21.33	19.03	33.00	PASS



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Band41	5MHz	64QAM	40065	25RB#0	21.38	19.08	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	22.20	19.9	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	22.41	20.11	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	22.28	19.98	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	21.31	19.01	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	21.37	19.07	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	22.36	20.06	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	22.54	20.24	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	22.38	20.08	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	21.46	19.16	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	21.36	19.06	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	21.47	19.17	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	21.45	19.15	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	23.06	20.76	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	23.38	21.08	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	22.01	19.71	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	22.12	19.82	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	22.19	19.89	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	22.16	19.86	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	23.35	21.05	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#0	22.22	19.92	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	22.28	19.98	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	22.27	19.97	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	22.29	19.99	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#0	23.36	21.06	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	23.54	21.24	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	23.38	21.08	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	22.46	20.16	33.00	PASS



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Band41	5MHz	16QAM	41215	12RB#6	22.36	20.06	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	22.47	20.17	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	22.45	20.15	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	24.13	21.83	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	24.15	21.85	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	23.21	20.91	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	23.22	20.92	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	23.24	20.94	33.00	PASS
Band41	10MHz	QPSK	40090	50RB#0	23.25	20.95	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	24.05	21.75	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	23.28	20.98	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#0	23.28	20.98	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	23.35	21.05	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	23.31	21.01	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	24.00	21.7	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	24.23	21.93	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	24.11	21.81	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	23.54	21.24	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	23.45	21.15	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	23.47	21.17	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	23.47	21.17	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	22.11	19.81	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#49	22.23	19.93	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	22.19	19.89	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	21.08	18.78	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	21.18	18.88	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	21.09	18.79	33.00	PASS
Band41	10MHz	64QAM	40090	50RB#0	21.24	18.94	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	22.32	20.02	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	22.33	20.03	33.00	PASS



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Band41	10MHz	64QAM	40640	1RB#24	22.28	19.98	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	21.20	18.9	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	21.30	19	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	21.32	19.02	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	21.33	19.03	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	22.47	20.17	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	22.30	20	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	22.54	20.24	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	21.46	19.16	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	21.47	19.17	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	21.47	19.17	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	21.49	19.19	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	23.24	20.94	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	23.23	20.93	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	23.25	20.95	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	22.19	19.89	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	22.28	19.98	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	22.35	20.05	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	22.36	20.06	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	23.31	21.01	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	23.34	21.04	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	23.33	21.03	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	22.29	19.99	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	22.37	20.07	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	22.40	20.1	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	22.45	20.15	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	23.47	21.17	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	23.30	21	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	23.54	21.24	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	22.46	20.16	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	22.47	20.17	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	22.47	20.17	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	22.49	20.19	33.00	PASS



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Band41	15MHz	QPSK	40115	1RB#74	23.99	21.69	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	24.08	21.78	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	24.08	21.78	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#39	23.07	20.77	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#18	23.15	20.85	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#0	23.04	20.74	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	23.09	20.79	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	24.05	21.75	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	24.16	21.86	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	24.14	21.84	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#0	23.22	20.92	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#18	23.29	20.99	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#39	23.32	21.02	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	23.20	20.9	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	24.01	21.71	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	24.23	21.93	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	24.11	21.81	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#0	23.42	21.12	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#18	23.40	21.1	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#39	23.48	21.18	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	23.39	21.09	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	22.30	20	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	22.33	20.03	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	22.30	20	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#0	21.26	18.96	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#18	21.33	19.03	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#39	21.46	19.16	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	21.45	19.15	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	22.36	20.06	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	22.41	20.11	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	22.38	20.08	33.00	PASS
Band41	15MHz	64QAM	40640	36RB#39	21.37	19.07	33.00	PASS
Band41	15MHz	64QAM	40640	36RB#0	21.45	19.15	33.00	PASS



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Band41	15MHz	64QAM	40640	36RB#18	21.45	19.15	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	21.53	19.23	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	22.32	20.02	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#38	22.43	20.13	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	22.41	20.11	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#18	21.36	19.06	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#0	21.38	19.08	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#39	21.30	19	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	21.39	19.09	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	23.03	20.73	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	23.13	20.83	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#74	23.11	20.81	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#0	22.03	19.73	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#39	22.07	19.77	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#18	22.01	19.71	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	22.13	19.83	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	23.23	20.93	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	23.25	20.95	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	23.21	20.91	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#0	22.13	19.83	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#18	22.21	19.91	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#39	22.26	19.96	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	22.24	19.94	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	23.32	21.02	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	23.43	21.13	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	23.41	21.11	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#0	22.36	20.06	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#18	22.38	20.08	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#39	22.30	20	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	22.39	20.09	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	24.11	21.81	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	24.29	21.99	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	24.05	21.75	33.00	PASS



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Band41	20MHz	QPSK	40140	50RB#25	23.16	20.86	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	23.24	20.94	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	23.21	20.91	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	23.25	20.95	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	23.94	21.64	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	24.26	21.96	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	24.10	21.8	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	23.14	20.84	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	23.24	20.94	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	23.26	20.96	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	23.16	20.86	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	24.22	21.92	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	24.36	22.06	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	24.14	21.84	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	23.26	20.96	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	23.32	21.02	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	23.30	21	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	23.34	21.04	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	22.17	19.87	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	22.35	20.05	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	22.46	20.16	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	21.09	18.79	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	21.18	18.88	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	21.27	18.97	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	21.21	18.91	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	22.26	19.96	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	22.51	20.21	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	22.26	19.96	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	21.40	19.1	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	21.40	19.1	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	21.32	19.02	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	22.32	20.02	33.00	PASS



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Band41	20MHz	64QAM	41140	1RB#0	22.41	20.11	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	22.33	20.03	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	21.27	18.97	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	21.40	19.1	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	23.19	20.89	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	23.46	21.16	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	23.15	20.85	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	22.30	20	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	22.32	20.02	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	22.23	19.93	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	22.28	19.98	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	23.10	20.8	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	23.33	21.03	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	23.23	20.93	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	22.22	19.92	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#25	22.29	19.99	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	22.35	20.05	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	22.30	20	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	23.26	20.96	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	23.51	21.21	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#49	23.26	20.96	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	22.40	20.1	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	22.40	20.1	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	22.32	20.02	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	22.34	20.04	33.00	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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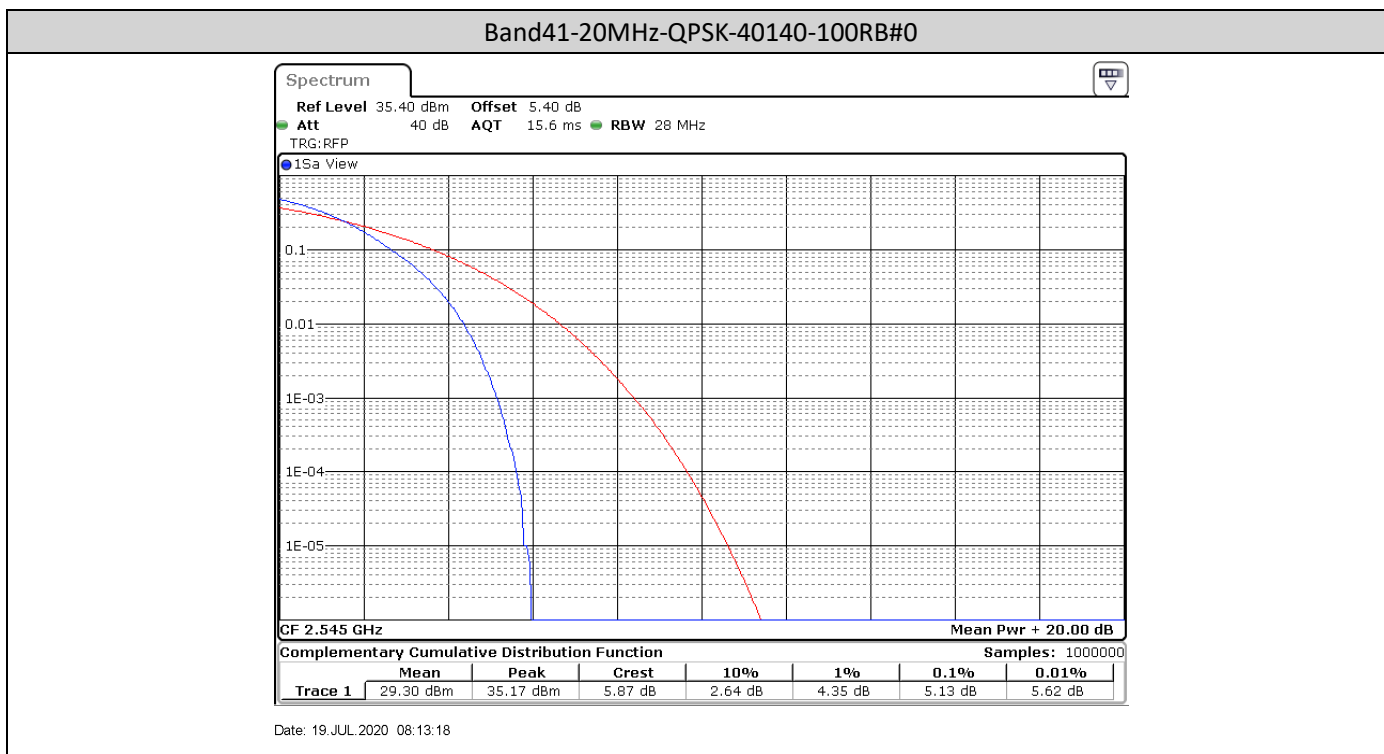


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	5.13	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	8.70	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.55	13	PASS
Band41	20MHz	64QAM	40140	100RB#0	8.38	13	PASS
Band41	20MHz	64QAM	40640	100RB#0	8.38	13	PASS
Band41	20MHz	64QAM	41140	100RB#0	8.38	13	PASS
Band41	20MHz	16QAM	40140	100RB#0	9.13	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	9.54	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.28	13	PASS

### 2.2. Test Plots



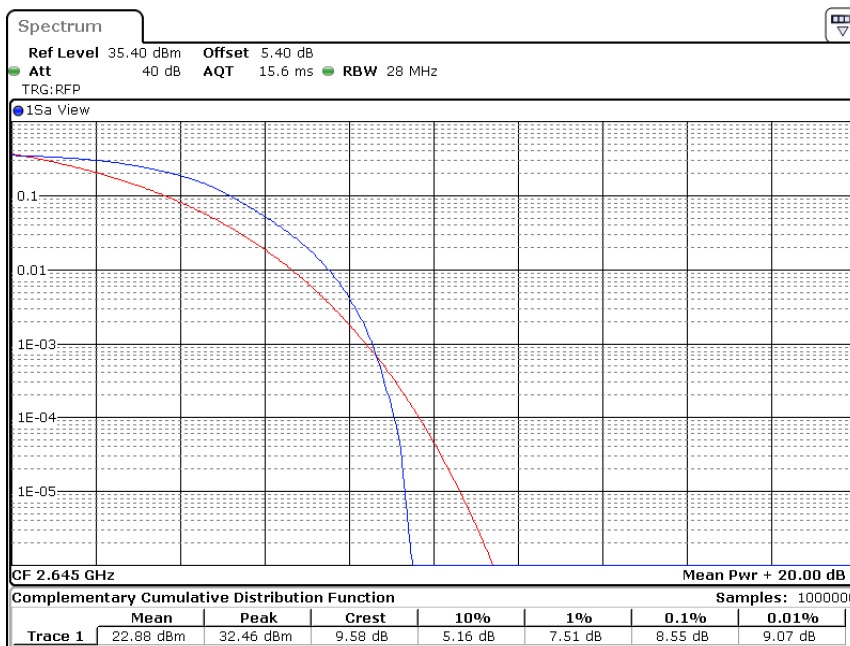
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**Band41-20MHz-QPSK-40640-100RB#0**



Date: 19.JUL.2020 08:13:41

**Band41-20MHz-QPSK-41140-100RB#0**



Date: 19.JUL.2020 08:14:03

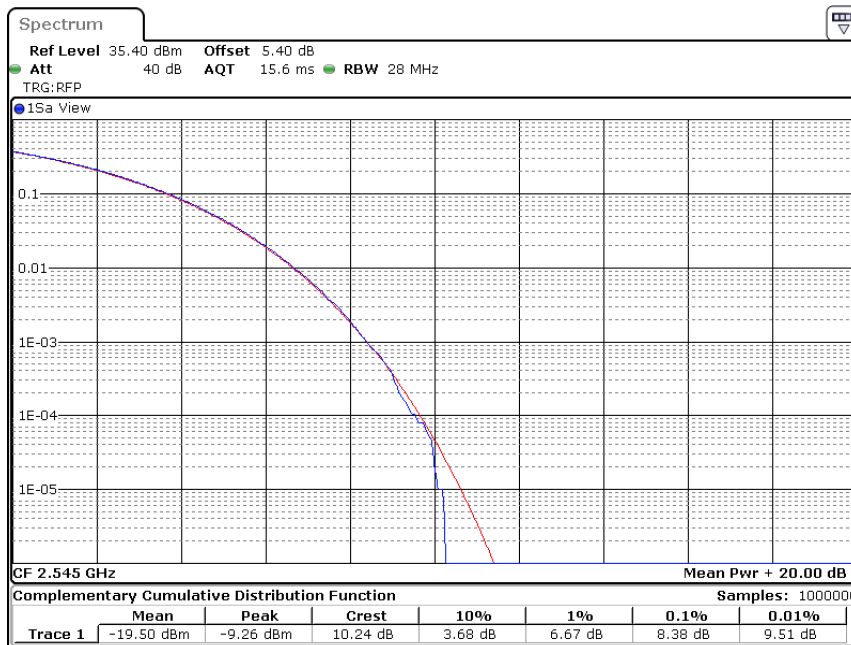


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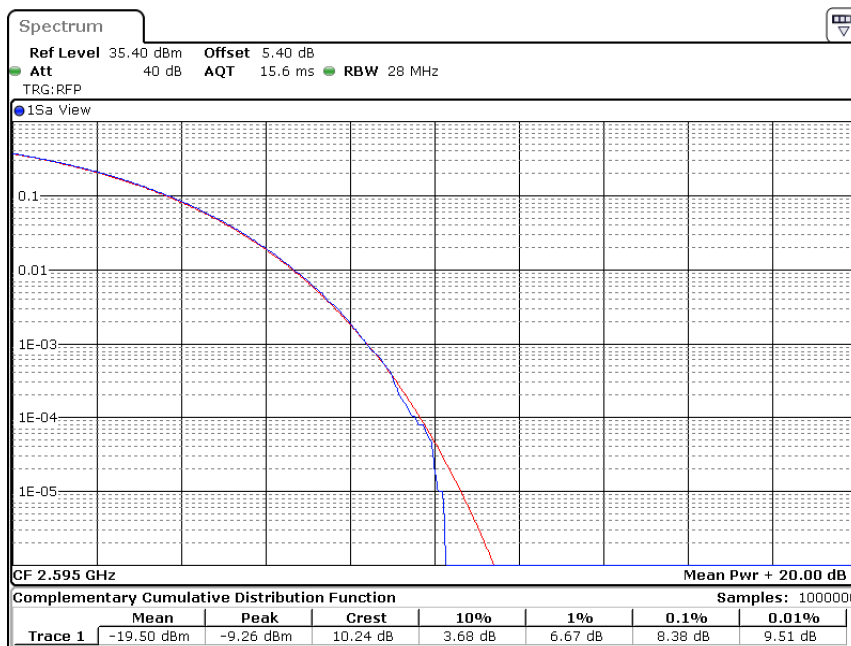
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**Band41-20MHz-64QAM-40140-100RB#0**



Date: 19.JUL.2020 08:48:24

**Band41-20MHz-64QAM-40640-100RB#0**



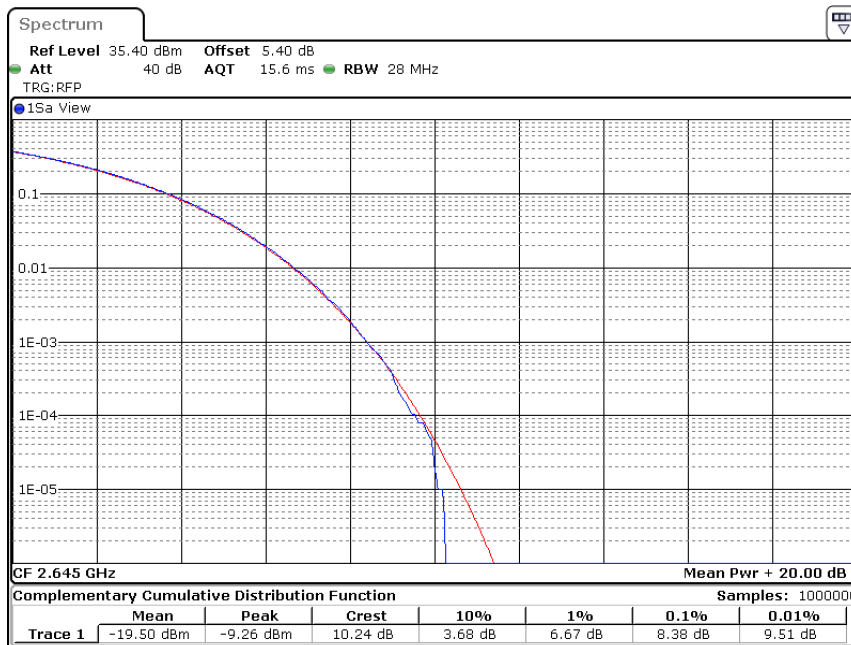
Date: 19.JUL.2020 08:48:35



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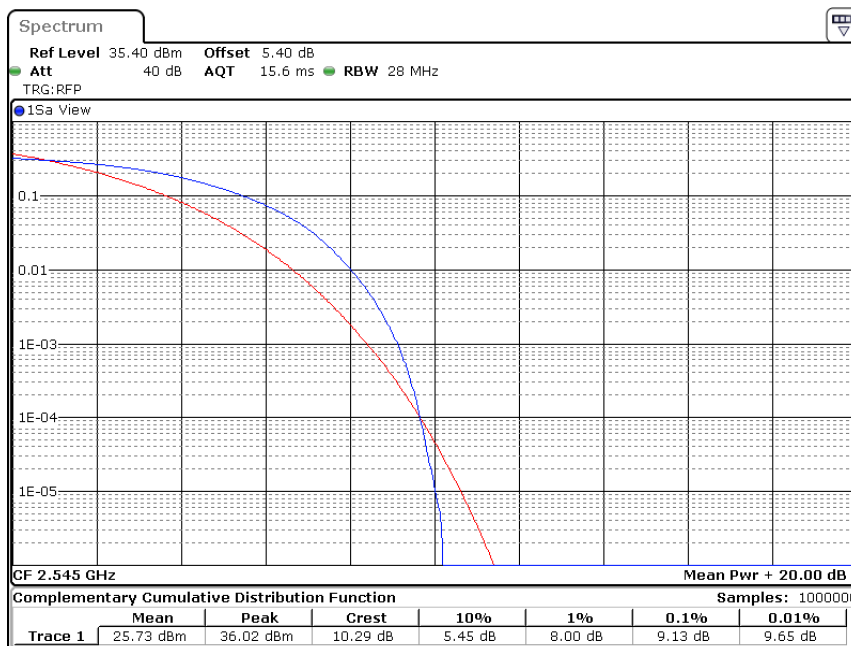
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**Band41-20MHz-64QAM-41140-100RB#0**



Date: 19.JUL.2020 08:48:47

**Band41-20MHz-16QAM-40140-100RB#0**



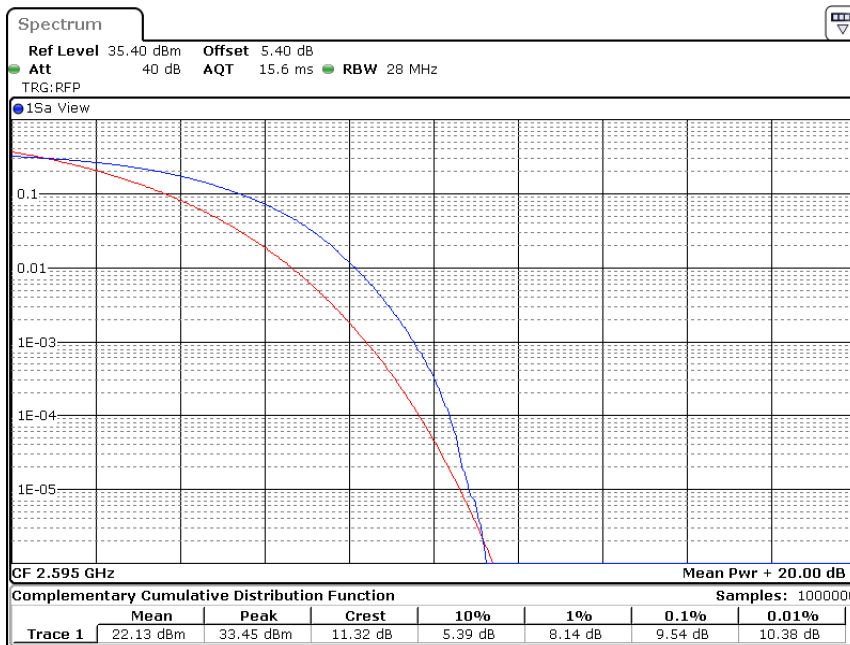
Date: 19.JUL.2020 08:13:29



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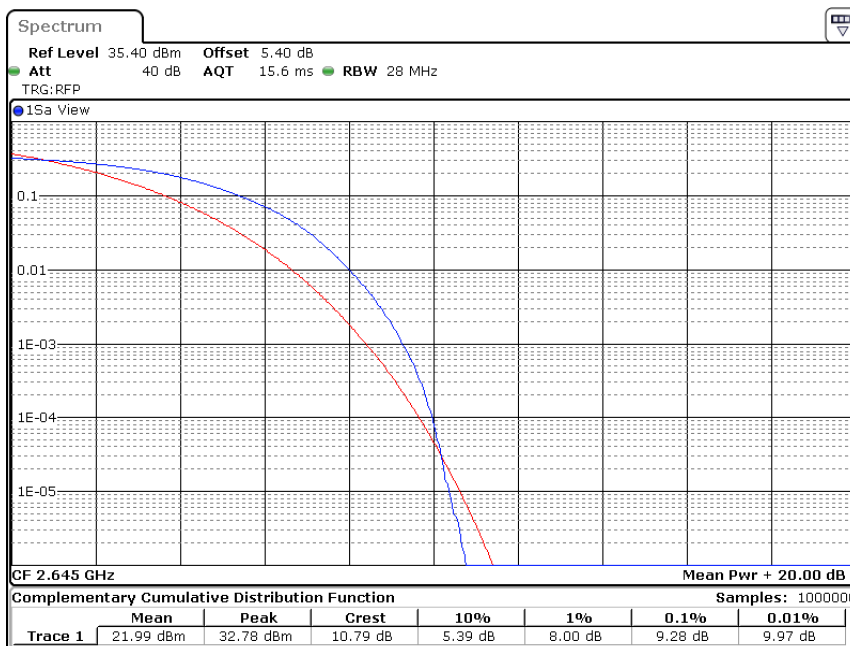
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**Band41-20MHz-16QAM-40640-100RB#0**



Date: 19.JUL.2020 08:13:52

**Band41-20MHz-16QAM-41140-100RB#0**



Date: 19.JUL.2020 08:14:15



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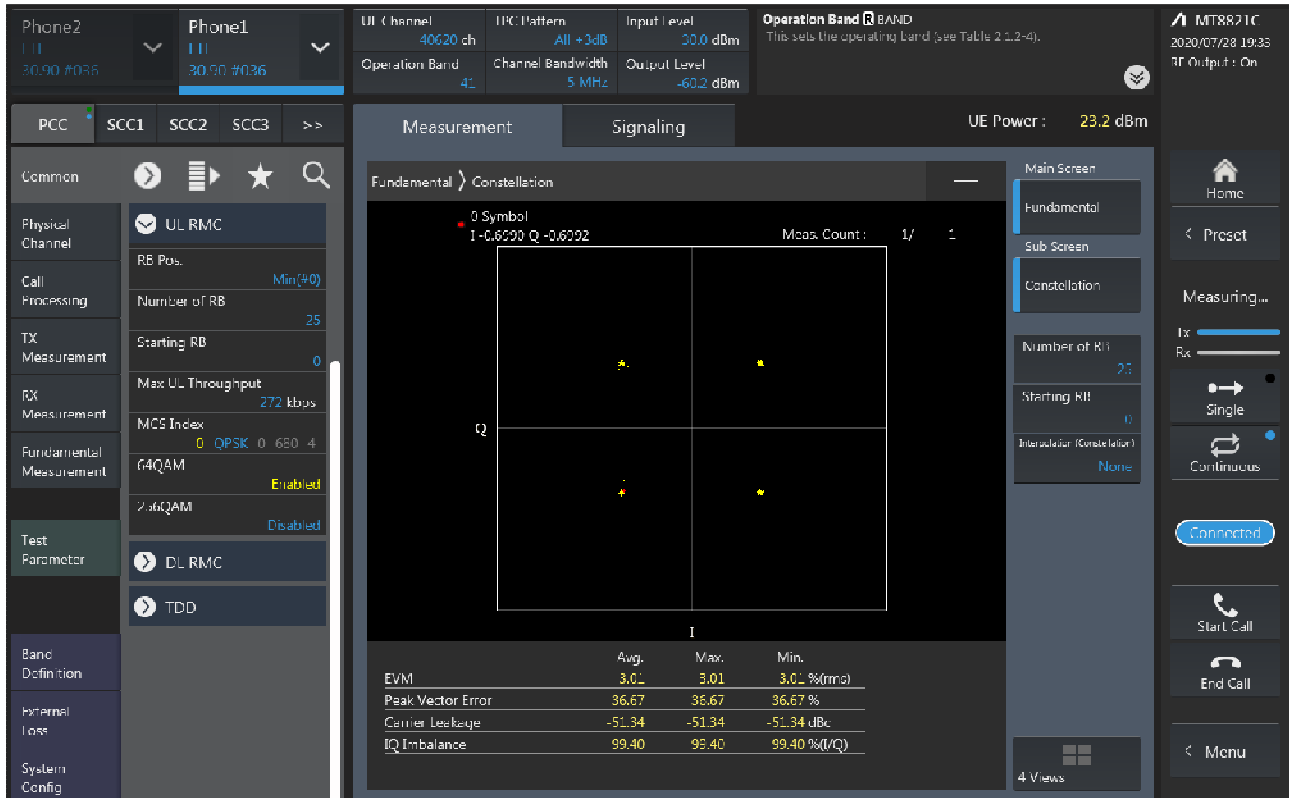
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### 3. Modulation Characteristics

#### 3.1. Test Mode = LTE /TM1 20MHz

##### 3.1.1. Test Channel = MCH



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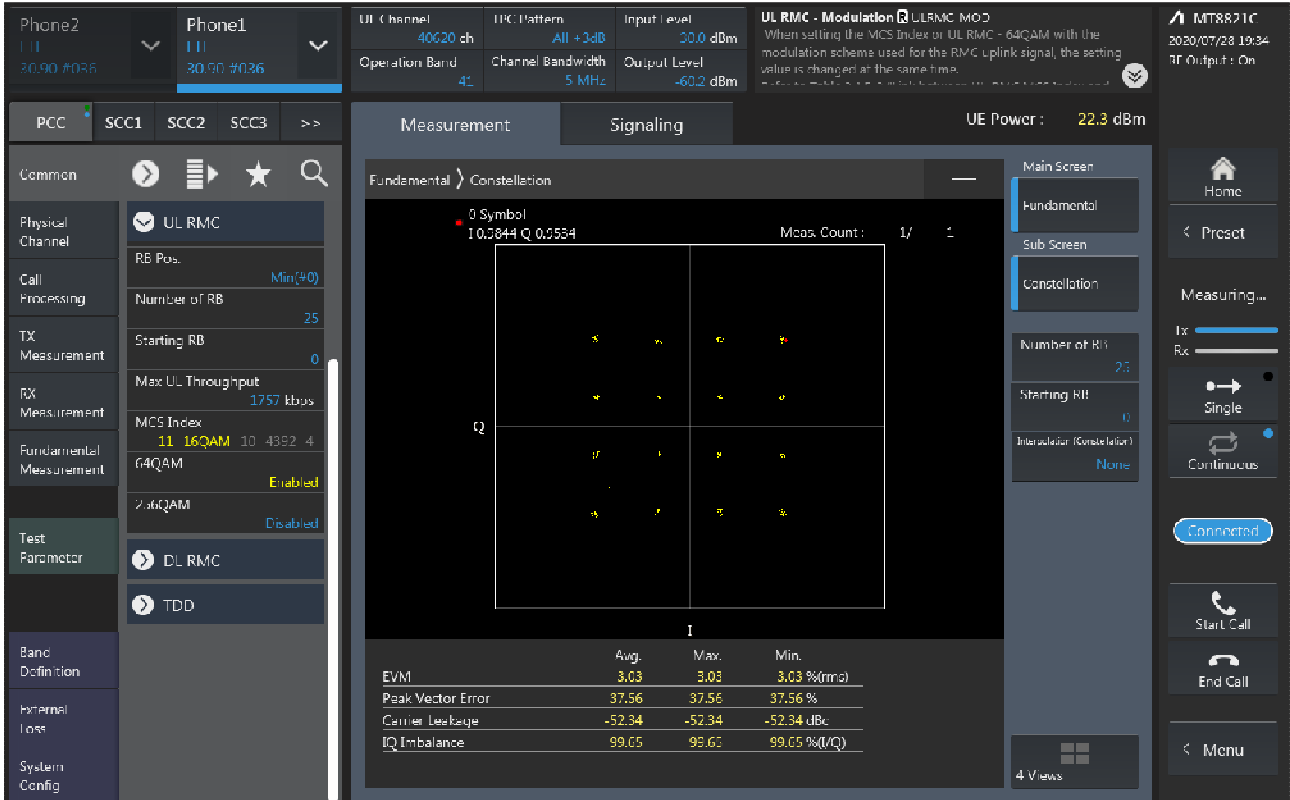
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH

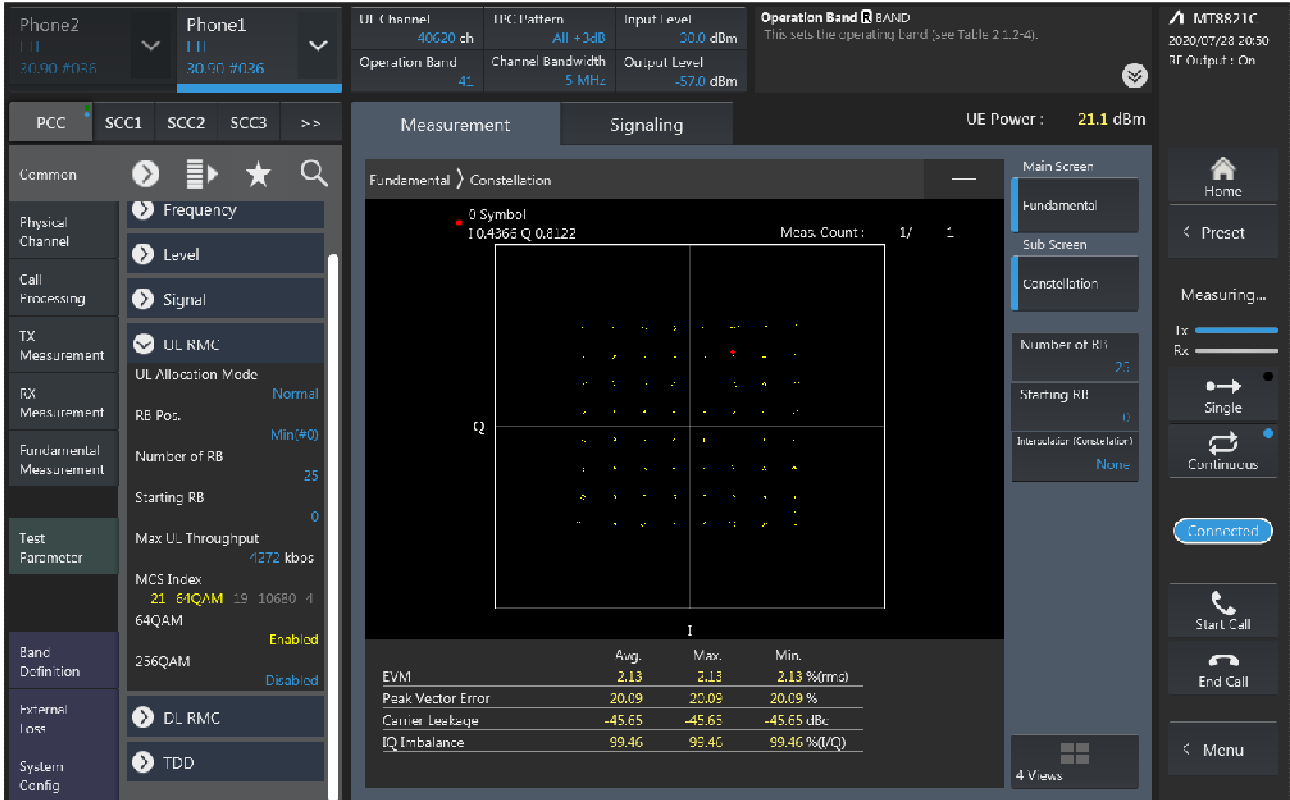


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### 3.3. Test Mode = LTE /TM3 20MHz

#### 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
Band41	5MHz	QPSK	40065	25RB#0	4.466	4.900	PASS
Band41	5MHz	QPSK	40640	25RB#0	4.466	4.900	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.476	4.980	PASS
Band41	5MHz	64QAM	40065	25RB#0	4.476	4.920	PASS
Band41	5MHz	64QAM	40640	25RB#0	4.476	4.980	PASS
Band41	5MHz	64QAM	41215	25RB#0	4.476	4.940	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.486	4.860	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.486	4.860	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.496	4.850	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.911	9.820	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.931	9.720	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.911	9.860	PASS
Band41	10MHz	64QAM	40090	50RB#0	8.931	9.560	PASS
Band41	10MHz	64QAM	40640	50RB#0	8.951	9.540	PASS
Band41	10MHz	64QAM	41190	50RB#0	8.931	9.540	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.911	9.540	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.931	9.580	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.911	9.580	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.487	16.530	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.457	16.080	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.457	16.650	PASS
Band41	15MHz	64QAM	40115	75RB#0	13.427	14.730	PASS
Band41	15MHz	64QAM	40640	75RB#0	13.457	14.910	PASS
Band41	15MHz	64QAM	41165	75RB#0	13.427	14.820	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.487	15.420	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.457	15.120	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.457	15.240	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.942	20.160	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.902	19.840	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.902	20.000	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.902	19.960	PASS

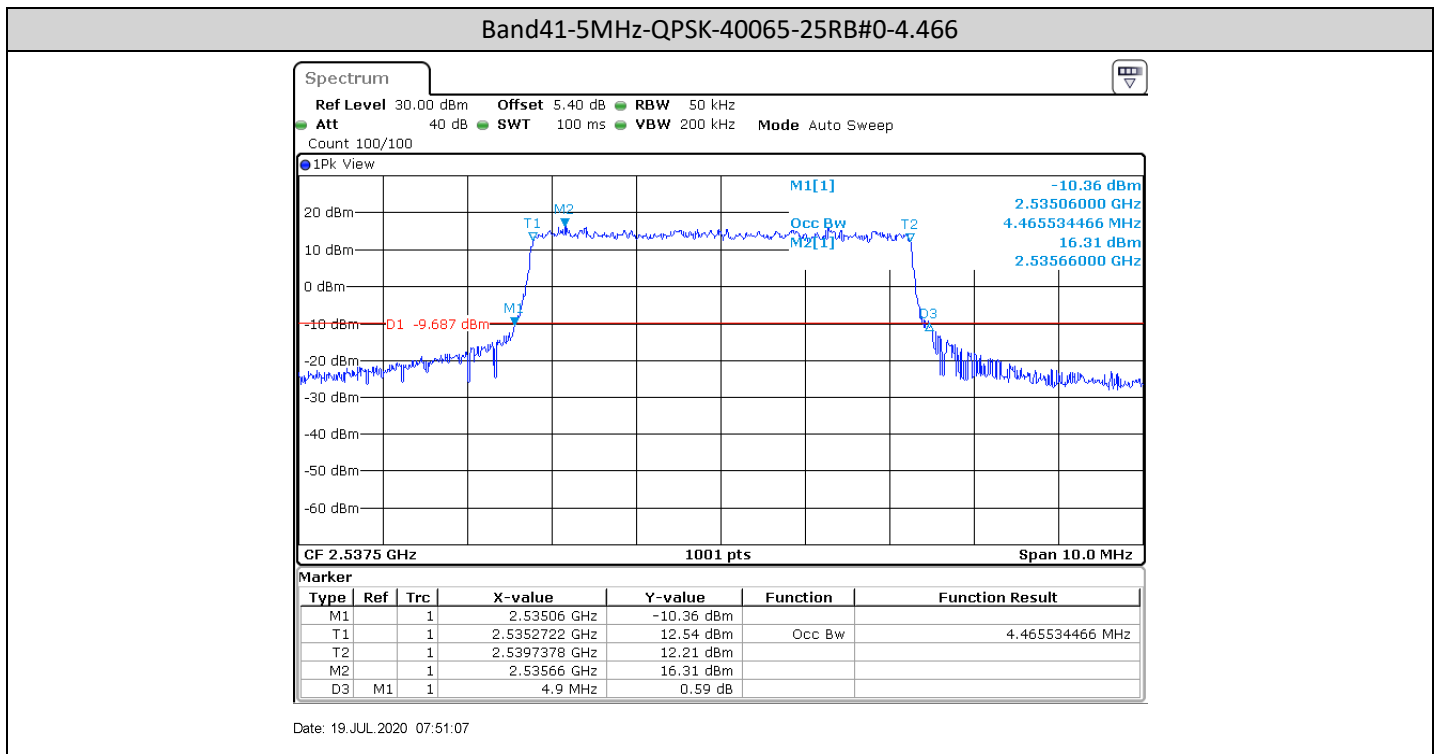


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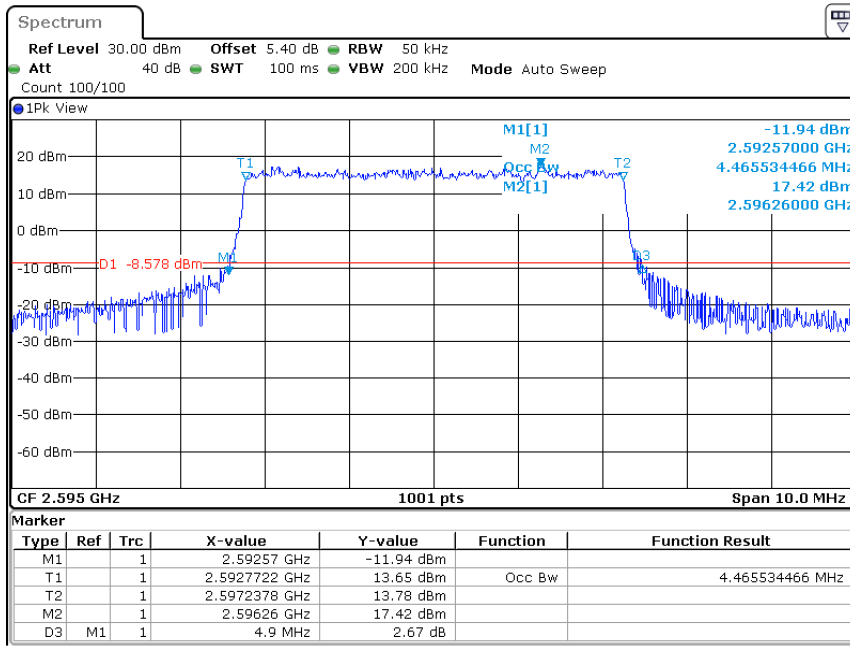
Band41	20MHz	64QAM	40640	100RB#0	17.902	20.160	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.822	19.840	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.902	20.120	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.902	20.000	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.862	19.800	PASS

## 4.2. Test Plots



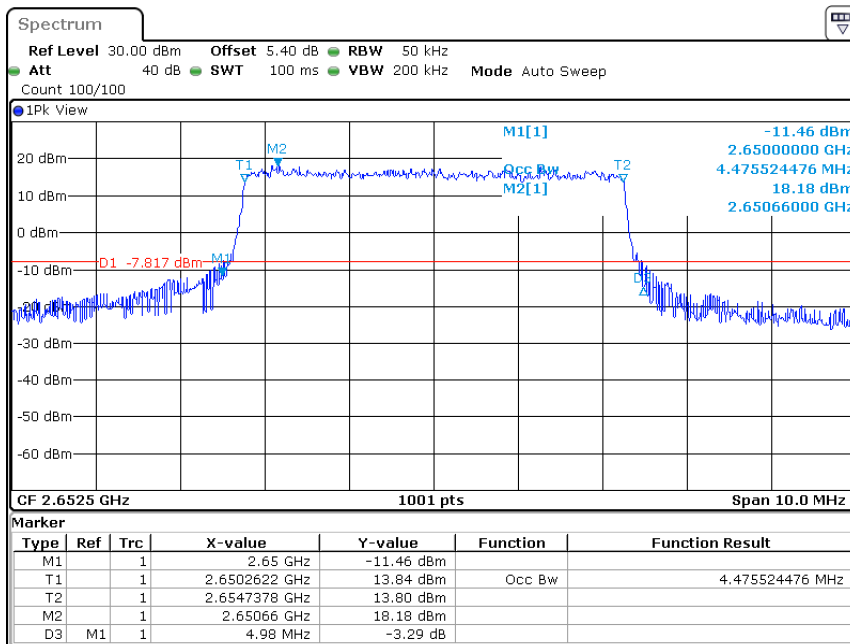
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**Band41-5MHz-QPSK-40640-25RB#0-4.466**



Date: 19.JUL.2020 07:51:46

**Band41-5MHz-QPSK-41215-25RB#0-4.476**

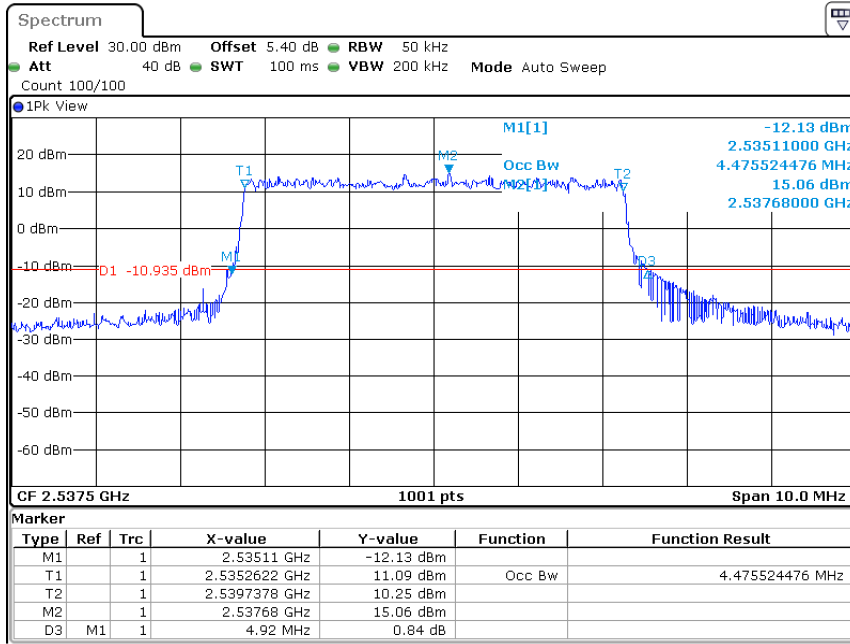


Date: 19.JUL.2020 07:52:26



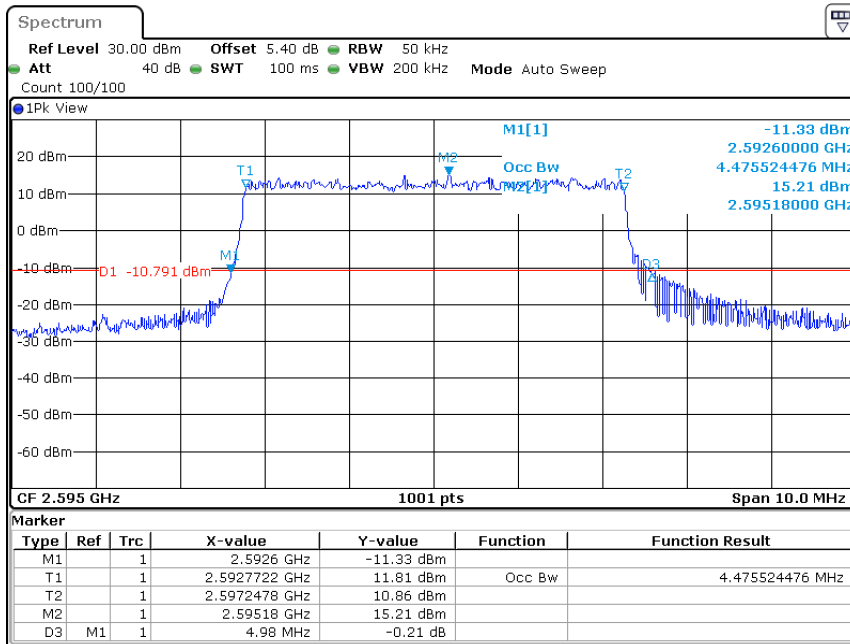
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**Band41-5MHz-64QAM-40065-25RB#0-4.476**



Date: 19.JUL.2020 08:36:23

**Band41-5MHz-64QAM-40640-25RB#0-4.476**



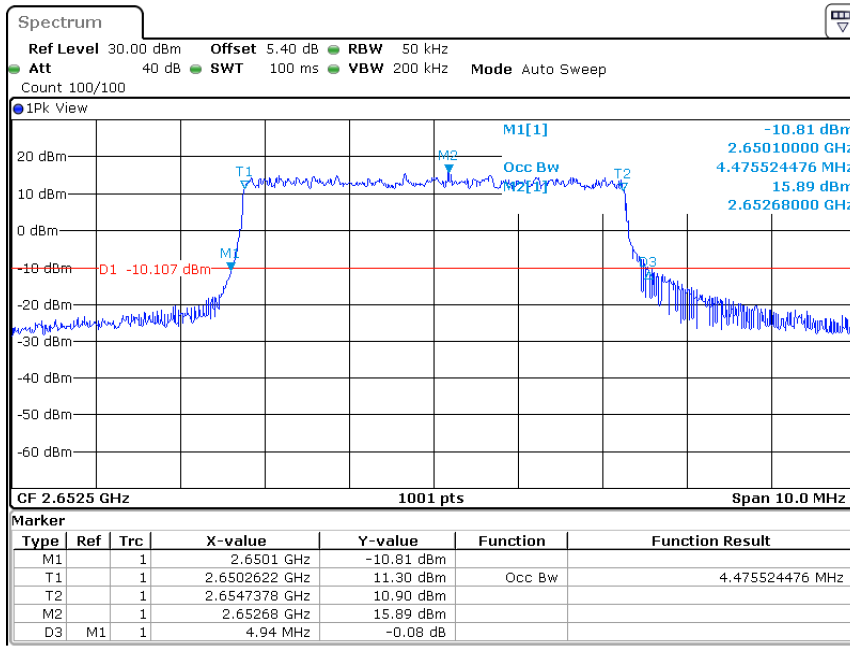
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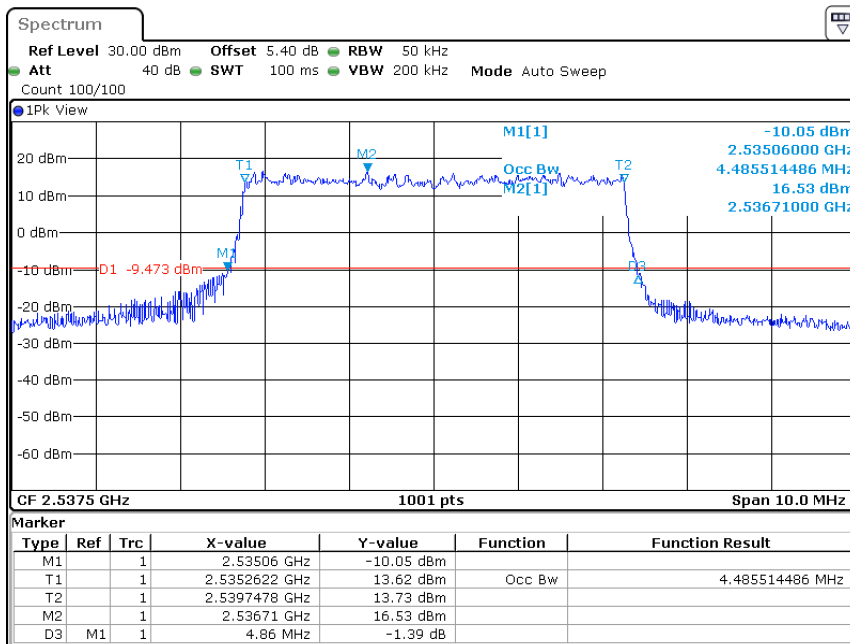
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**Band41-5MHz-64QAM-41215-25RB#0-4.476**



Date: 19.JUL.2020 08:37:03

**Band41-5MHz-16QAM-40065-25RB#0-4.486**

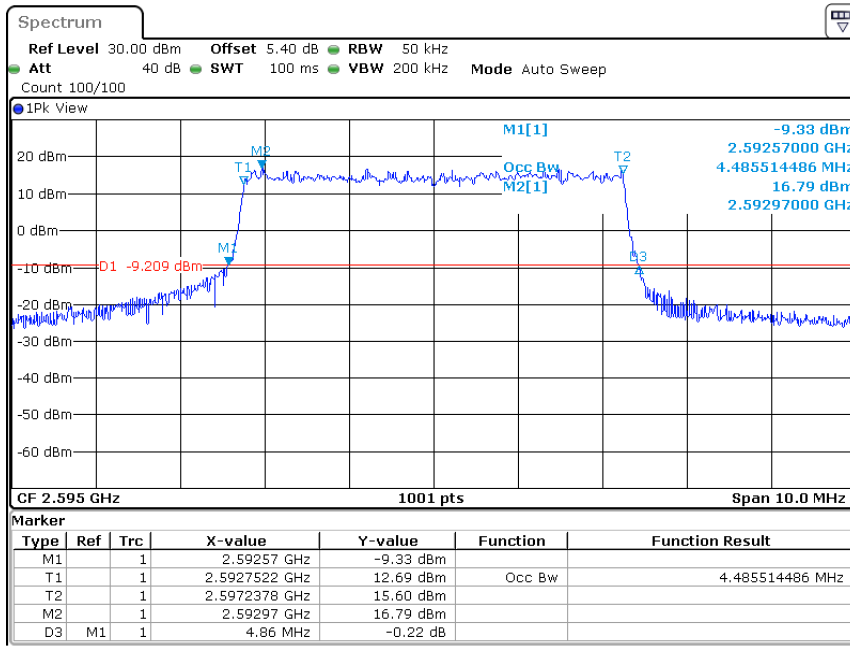


Date: 19.JUL.2020 07:51:26



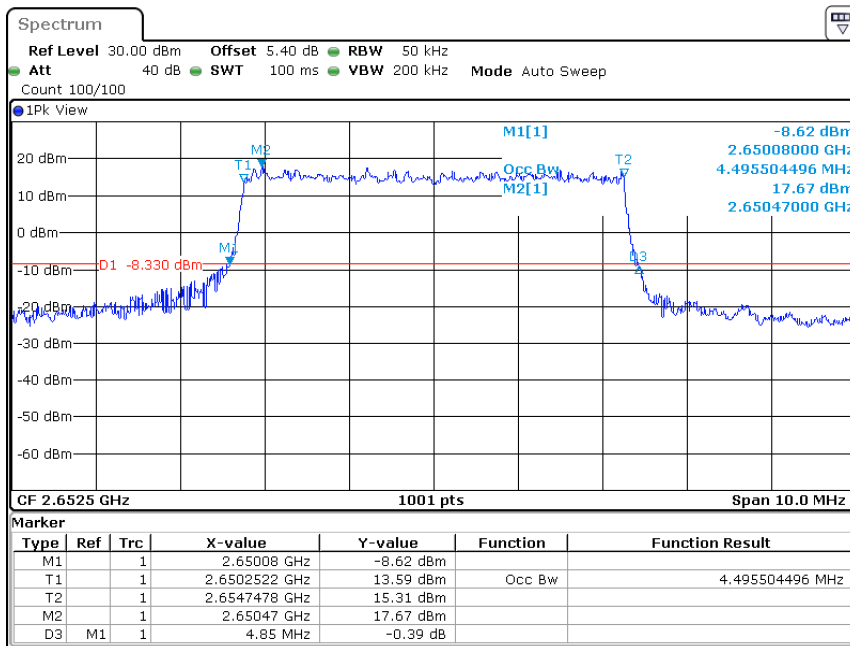
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**Band41-5MHz-16QAM-40640-25RB#0-4.486**



Date: 19.JUL.2020 07:52:06

**Band41-5MHz-16QAM-41215-25RB#0-4.496**



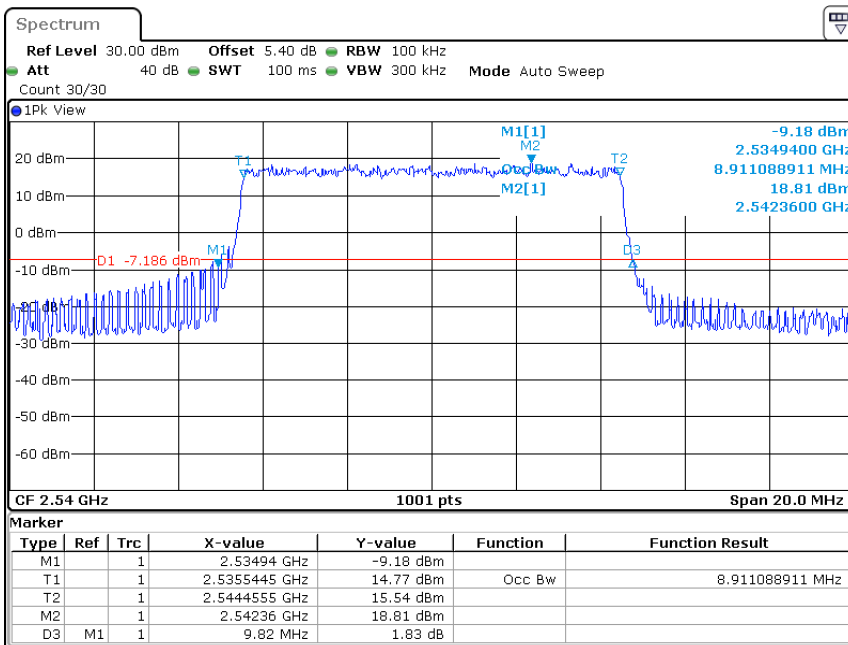
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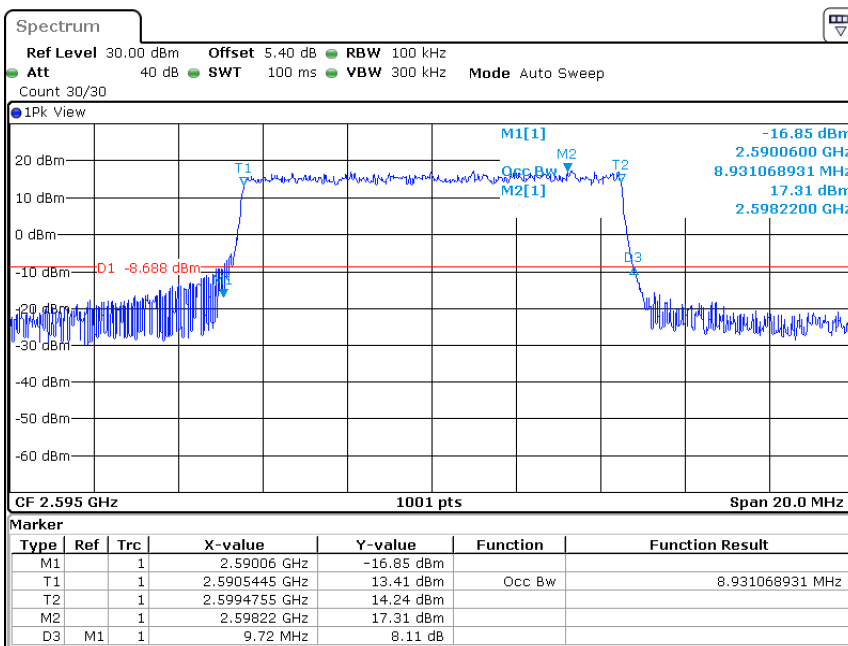


**Band41-10MHz-QPSK-40090-50RB#0-8.911**



Date: 19.JUL.2020 07:53:04

**Band41-10MHz-QPSK-40640-50RB#0-8.931**

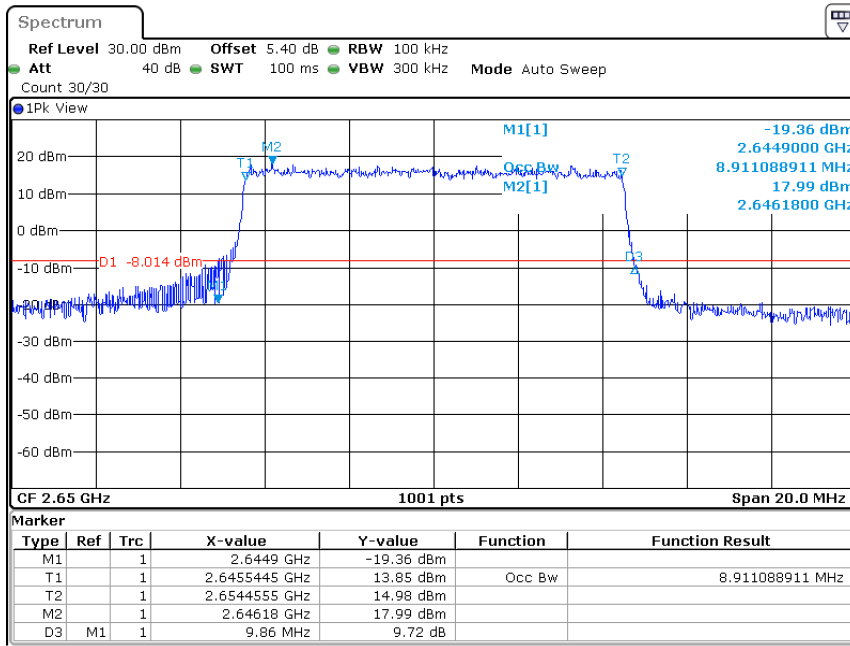


Date: 19.JUL.2020 07:53:29



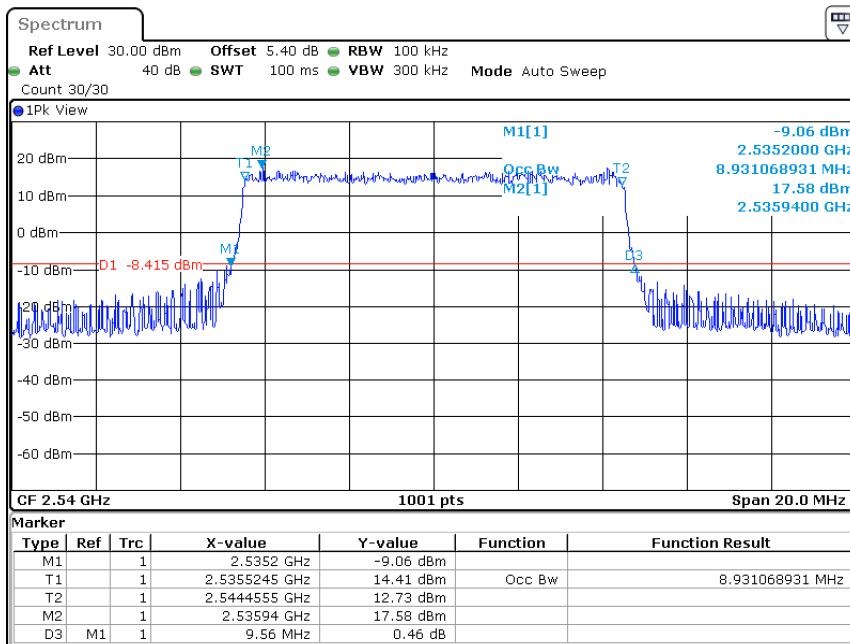
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**Band41-10MHz-QPSK-41190-50RB#0-8.911**



Date: 19.JUL.2020 07:53:57

**Band41-10MHz-64QAM-40090-50RB#0-8.931**

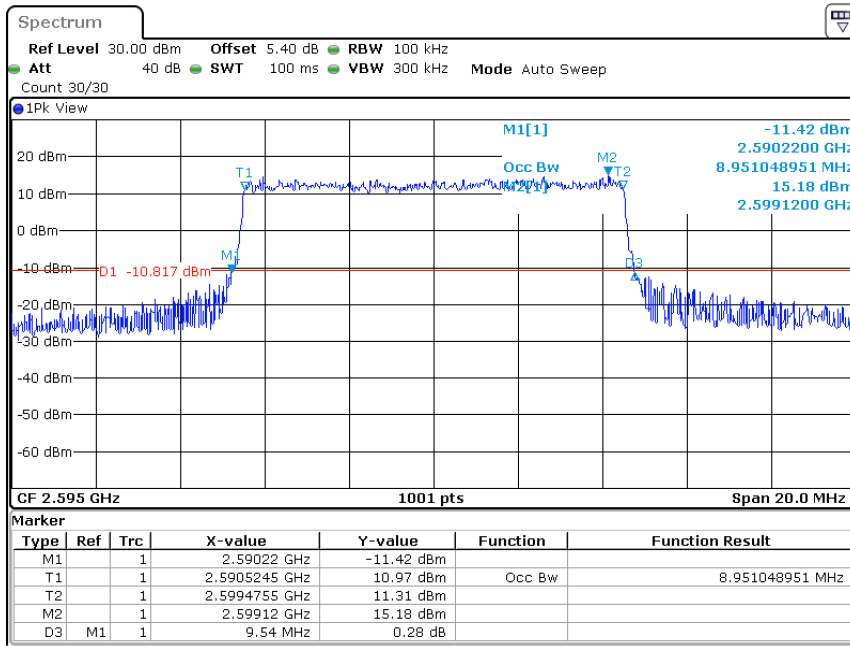


Date: 19.JUL.2020 08:37:22



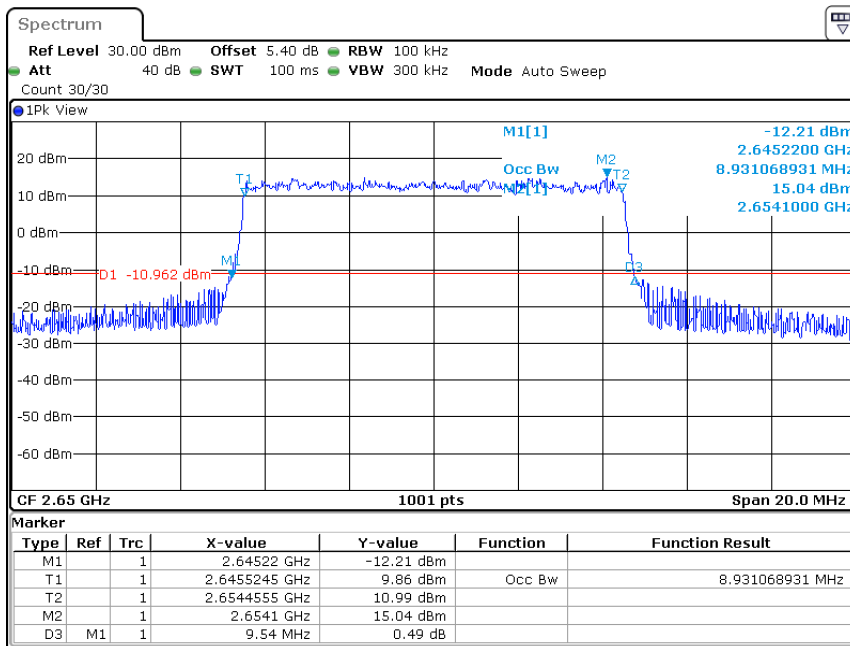
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**Band41-10MHz-64QAM-40640-50RB#0-8.951**



Date: 19.JUL.2020 08:37:35

**Band41-10MHz-64QAM-41190-50RB#0-8.931**

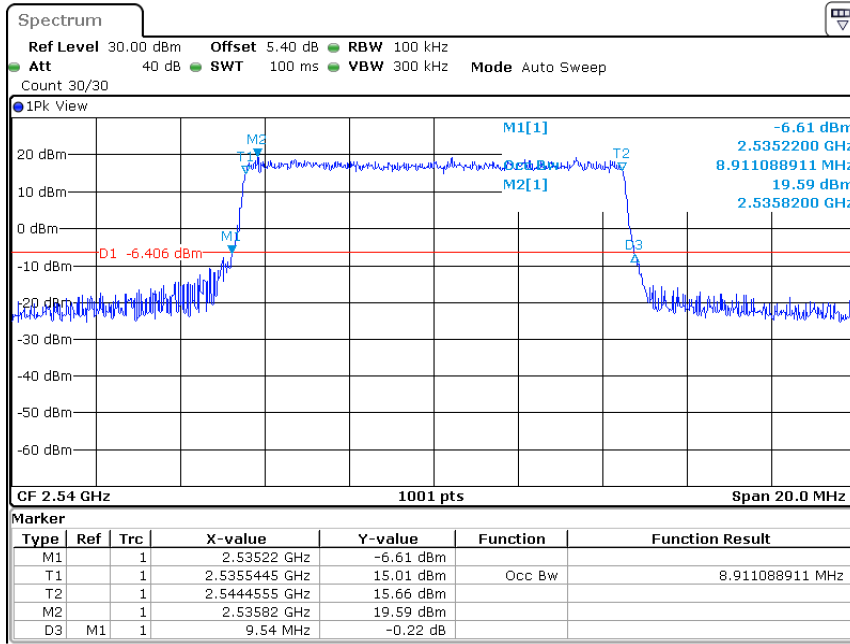


Date: 19.JUL.2020 08:37:48



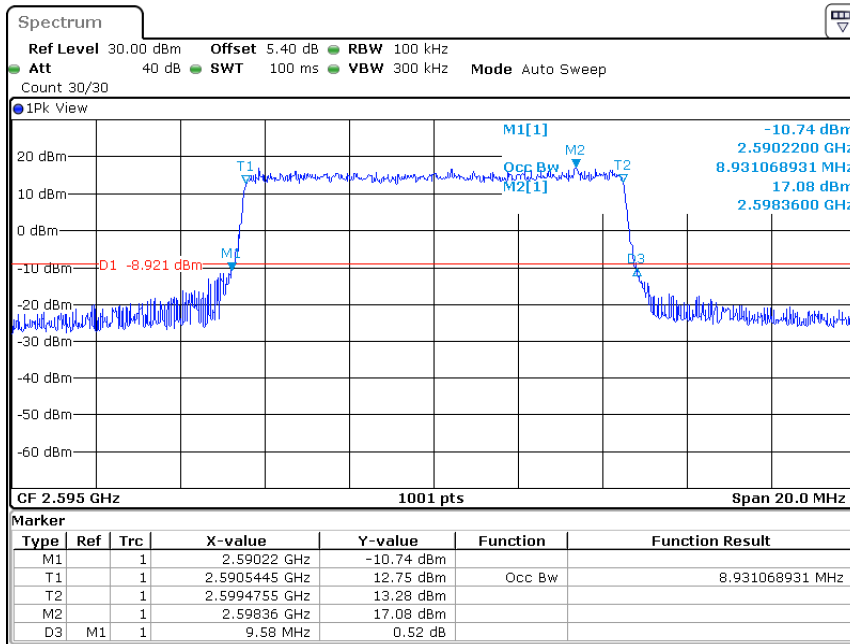
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**Band41-10MHz-16QAM-40090-50RB#0-8.911**



Date: 19.JUL.2020 07:53:16

**Band41-10MHz-16QAM-40640-50RB#0-8.931**

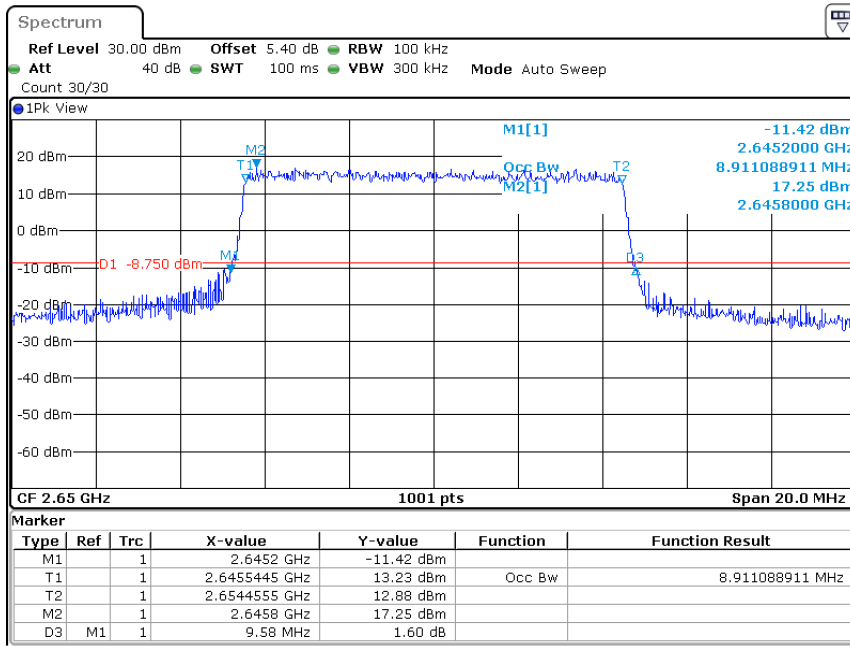


Date: 19.JUL.2020 07:53:42



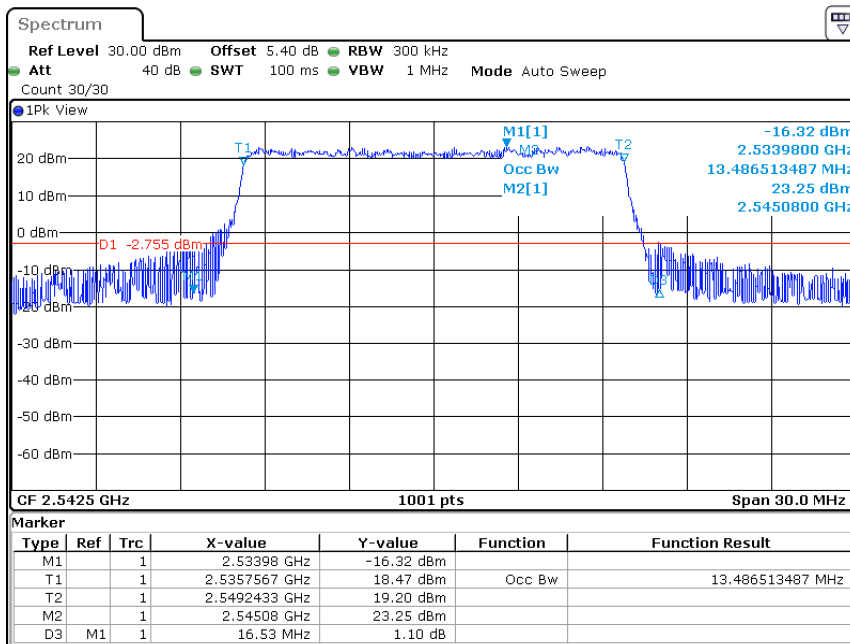
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**Band41-10MHz-16QAM-41190-50RB#0-8.911**



Date: 19.JUL.2020 07:54:10

**Band41-15MHz-QPSK-40115-75RB#0-13.487**



Date: 19.JUL.2020 07:54:28

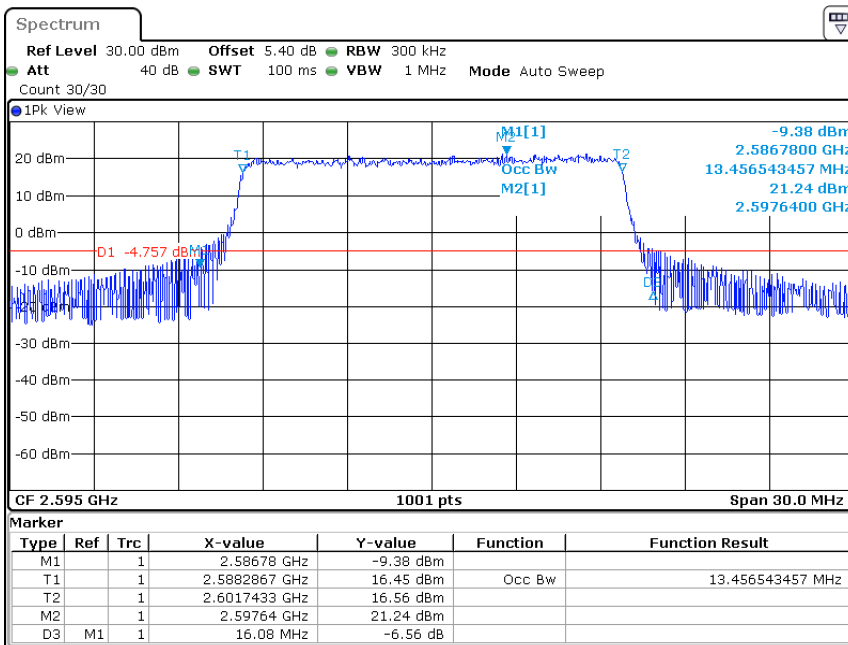


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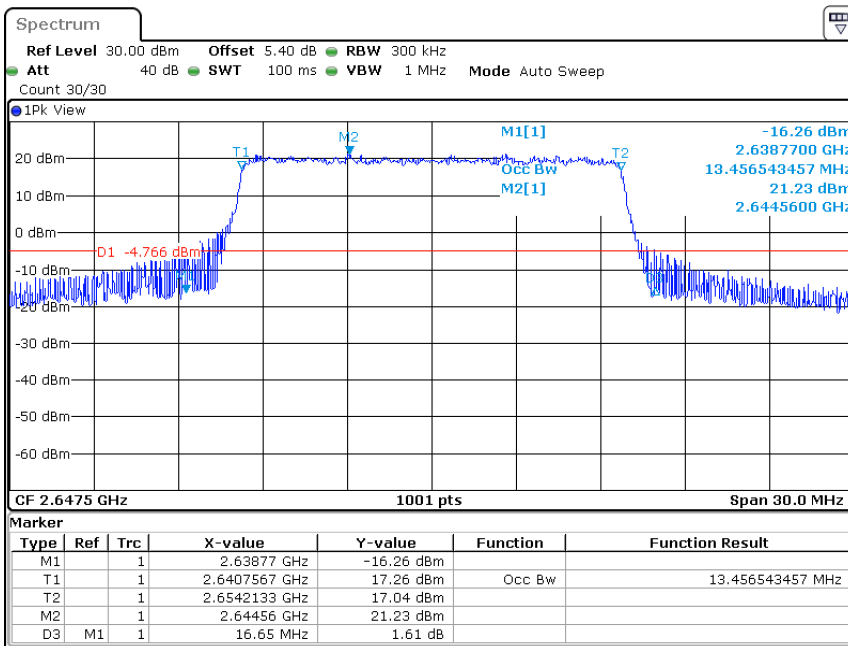
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**Band41-15MHz-QPSK-40640-75RB#0-13.457**



Date: 19.JUL.2020 07:54:53

**Band41-15MHz-QPSK-41165-75RB#0-13.457**



Date: 19.JUL.2020 07:55:19

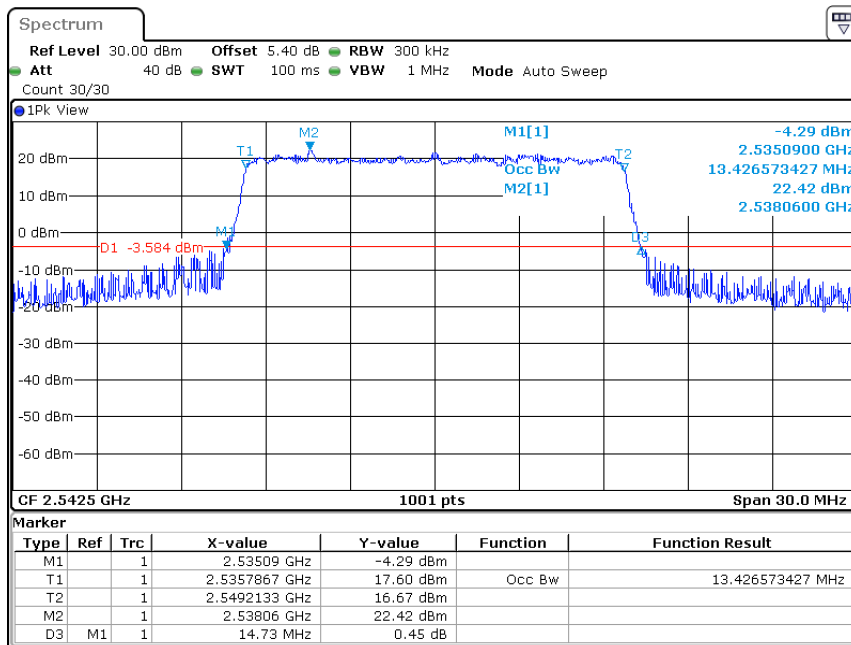


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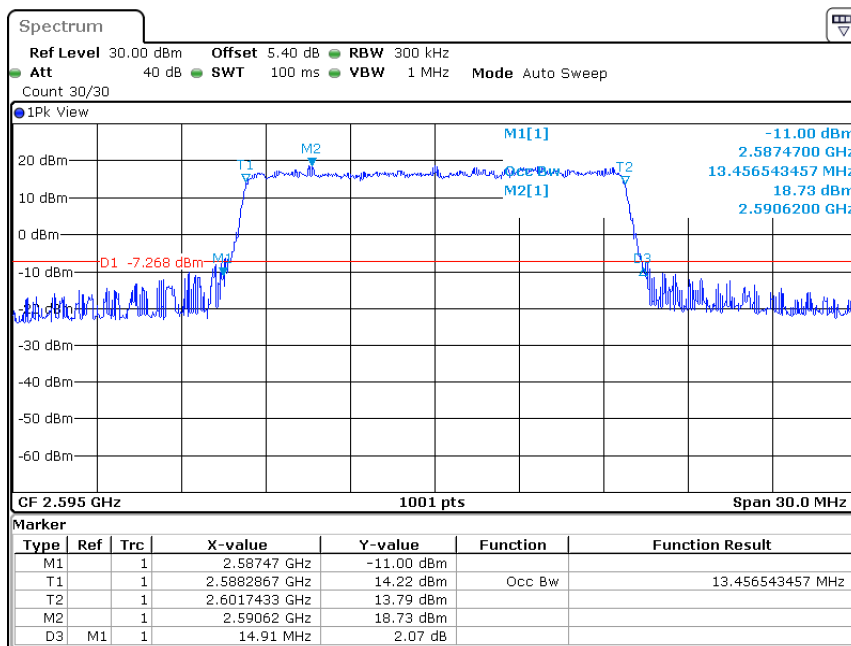
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**Band41-15MHz-64QAM-40115-75RB#0-13.427**



Date: 19.JUL.2020 08:38:07

**Band41-15MHz-64QAM-40640-75RB#0-13.457**

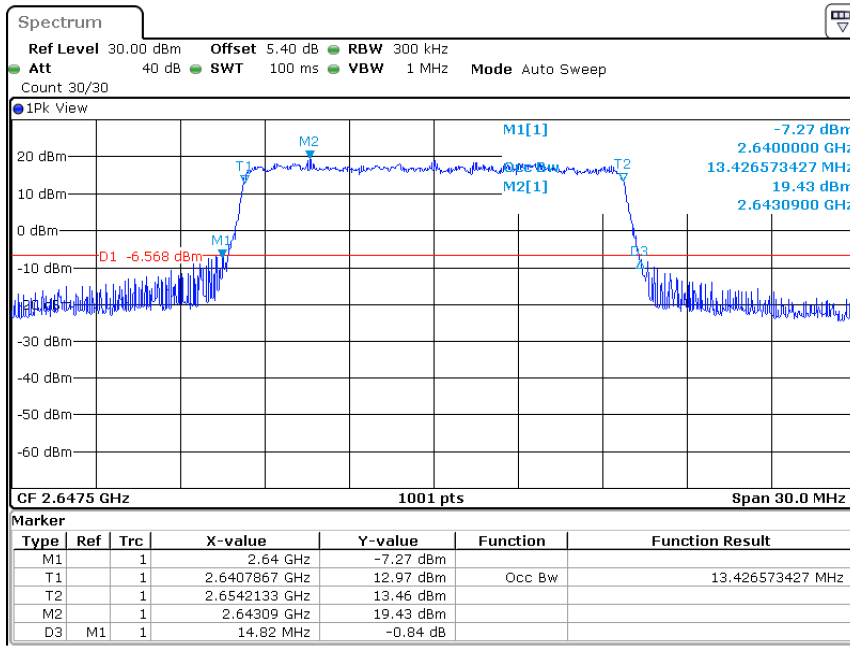


Date: 19.JUL.2020 08:38:20



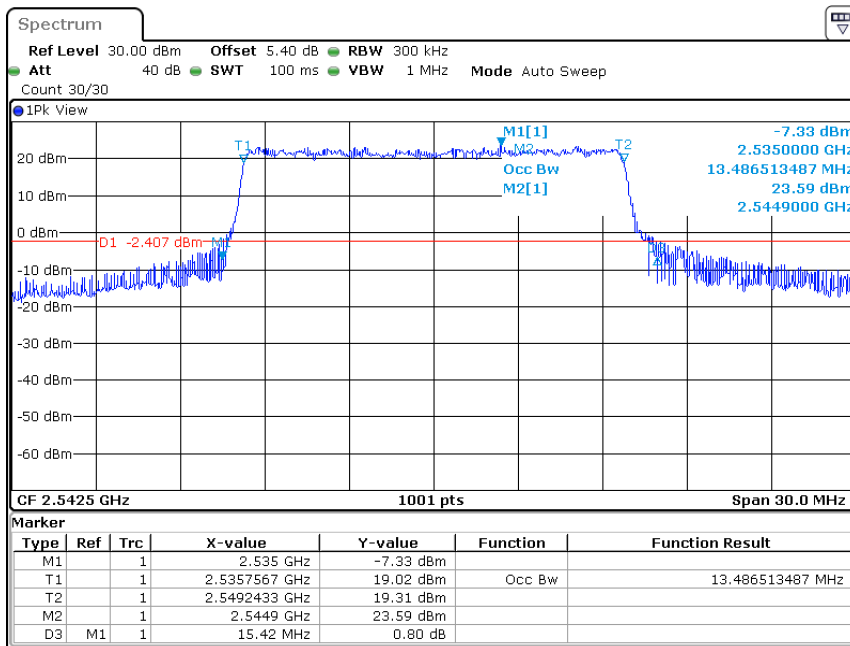
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**Band41-15MHz-64QAM-41165-75RB#0-13.427**



Date: 19.JUL.2020 08:38:33

**Band41-15MHz-16QAM-40115-75RB#0-13.487**



Date: 19.JUL.2020 07:54:41



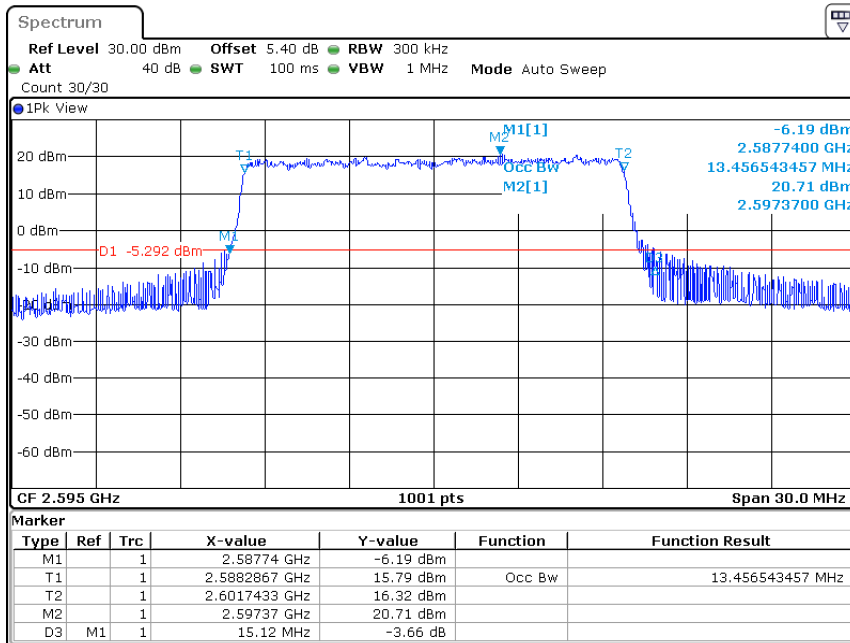
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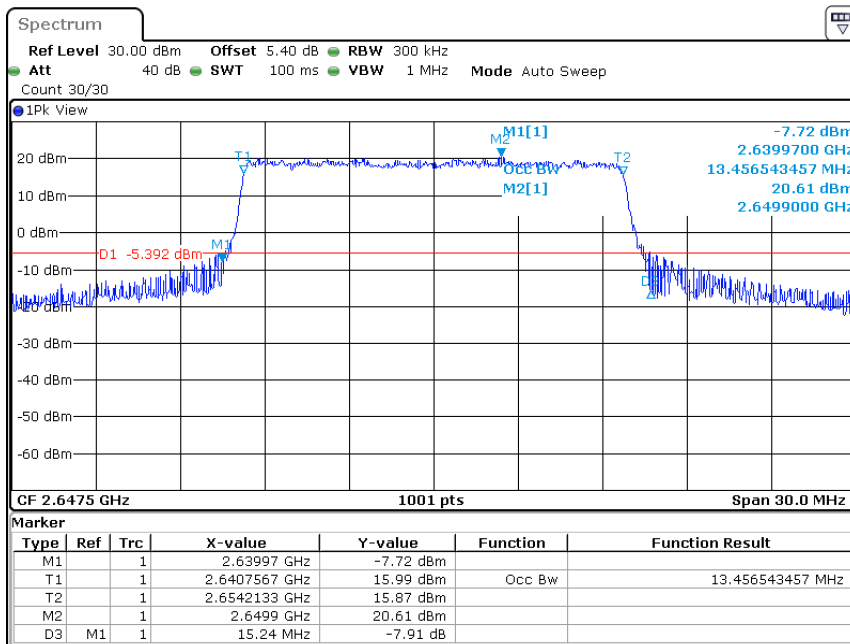


**Band41-15MHz-16QAM-40640-75RB#0-13.457**



Date: 19.JUL.2020 07:55:06

**Band41-15MHz-16QAM-41165-75RB#0-13.457**



Date: 19.JUL.2020 07:55:32

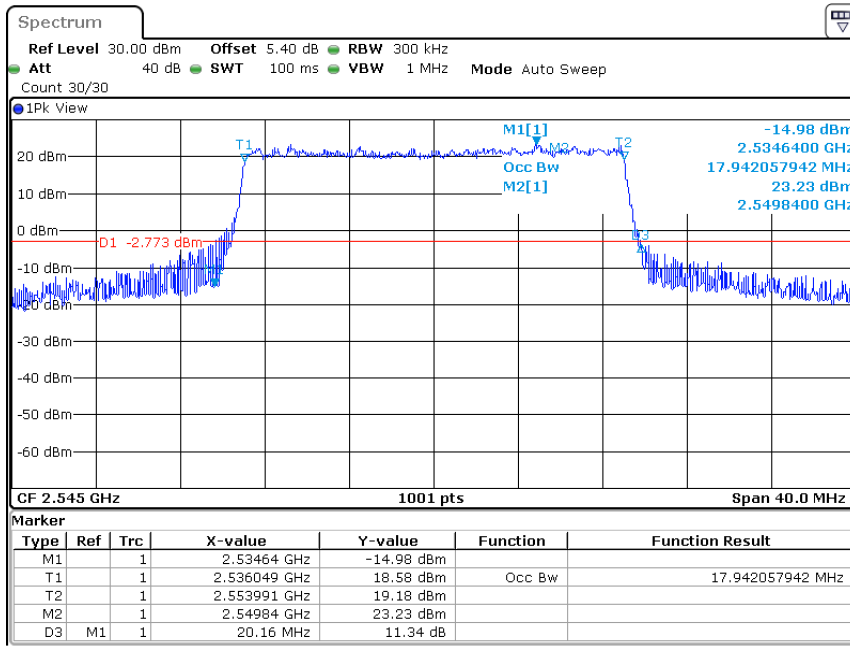


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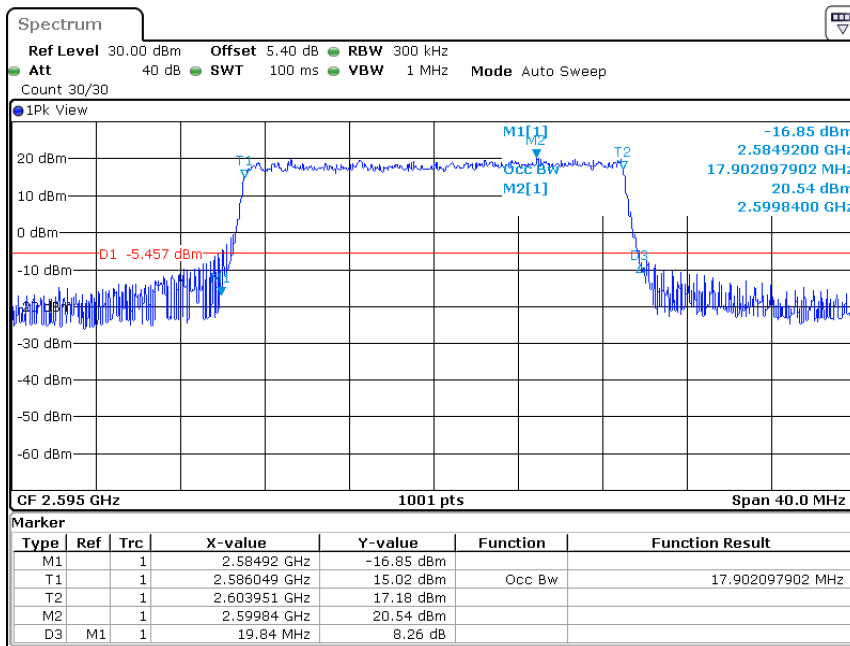
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**Band41-20MHz-QPSK-40140-100RB#0-17.942**



Date: 19.JUL.2020 07:55:50

**Band41-20MHz-QPSK-40640-100RB#0-17.902**

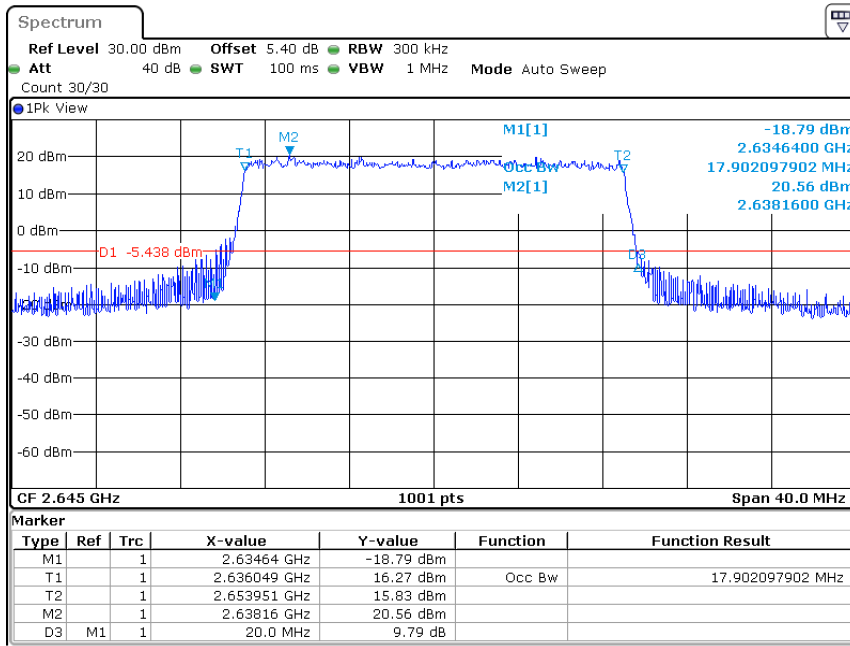


Date: 19.JUL.2020 07:56:16



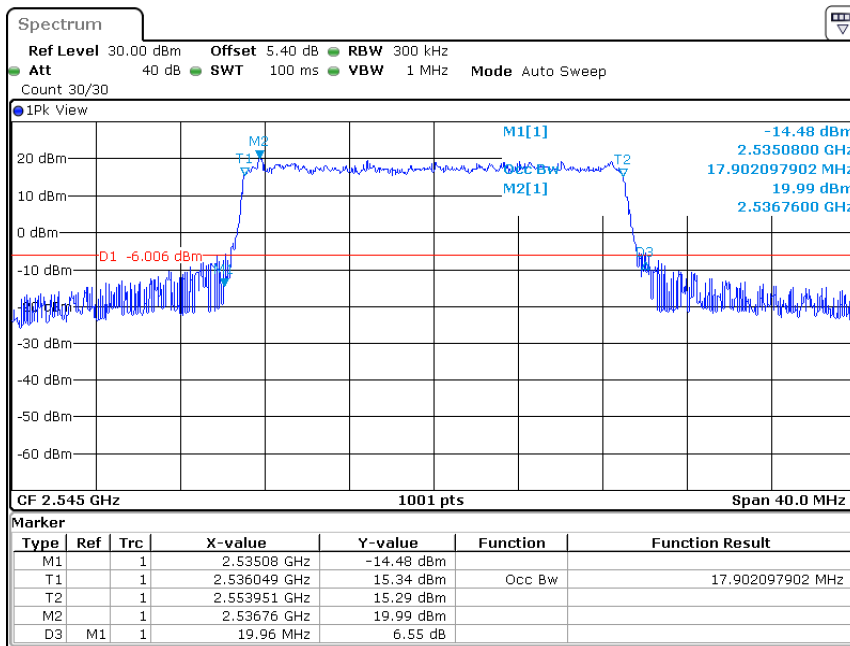
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**Band41-20MHz-QPSK-41140-100RB#0-17.902**



Date: 19.JUL.2020 07:56:41

**Band41-20MHz-64QAM-40140-100RB#0-17.902**



Date: 19.JUL.2020 08:38:53

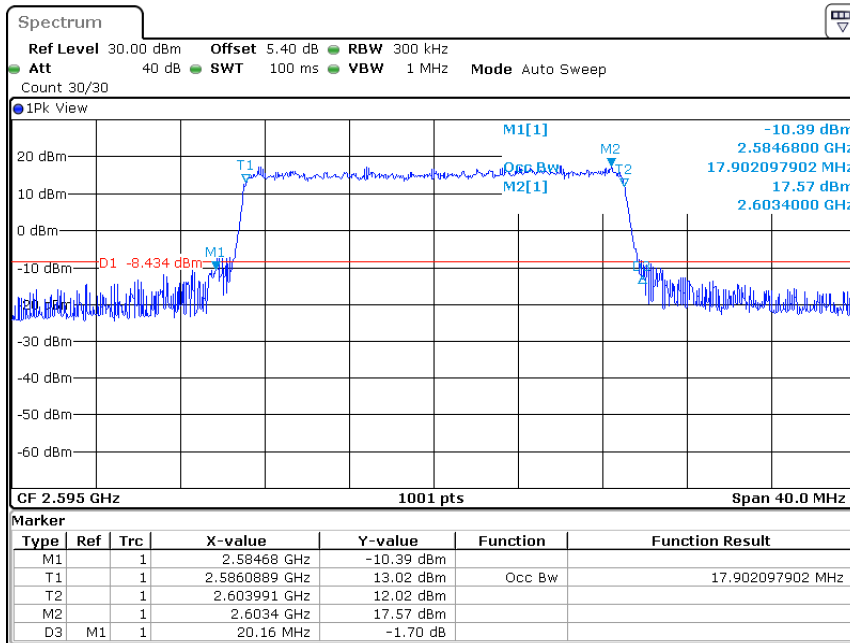


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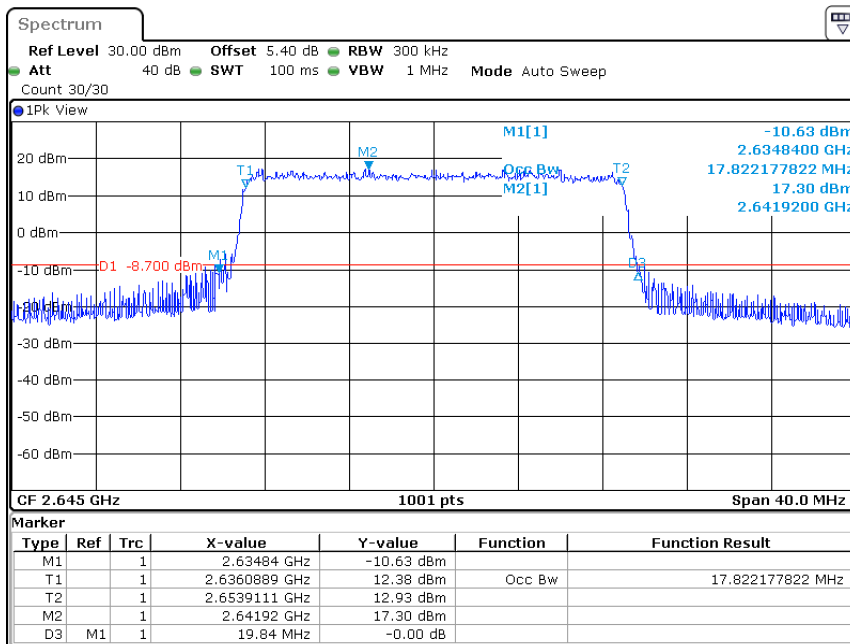
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**Band41-20MHz-64QAM-40640-100RB#0-17.902**



Date: 19.JUL.2020 08:39:05

**Band41-20MHz-64QAM-41140-100RB#0-17.822**

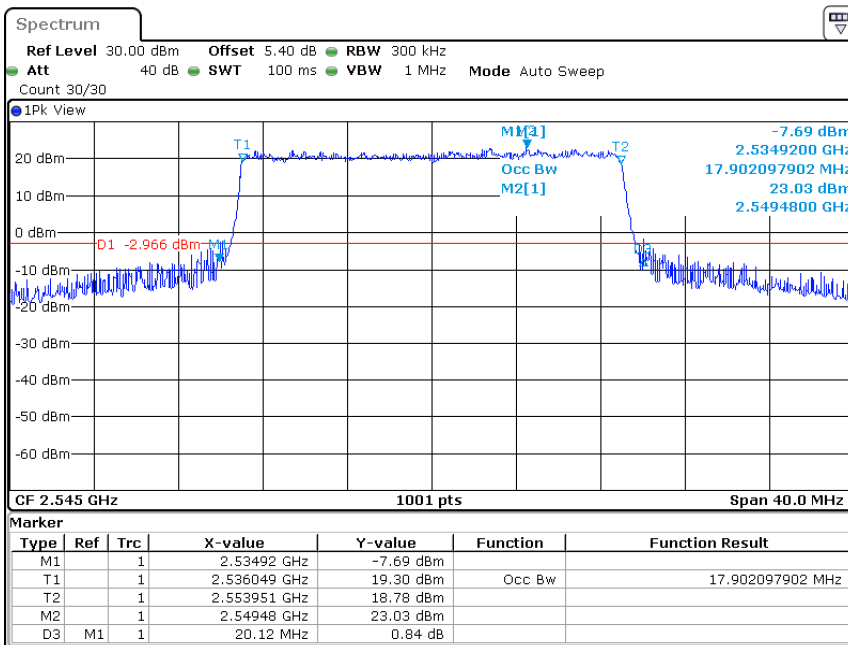


Date: 19.JUL.2020 08:39:18



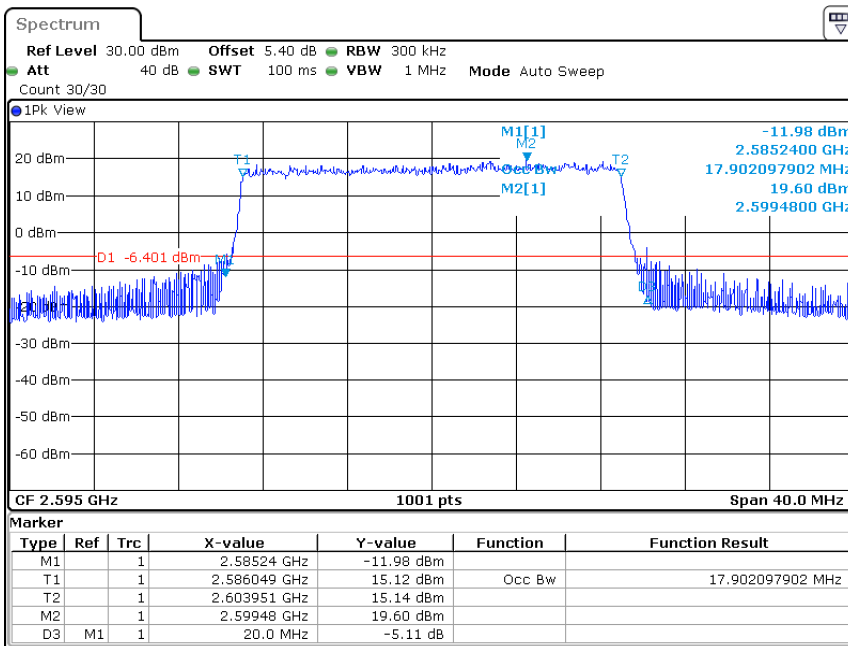
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**Band41-20MHz-16QAM-40140-100RB#0-17.902**



Date: 19.JUL.2020 07:56:03

**Band41-20MHz-16QAM-40640-100RB#0-17.902**

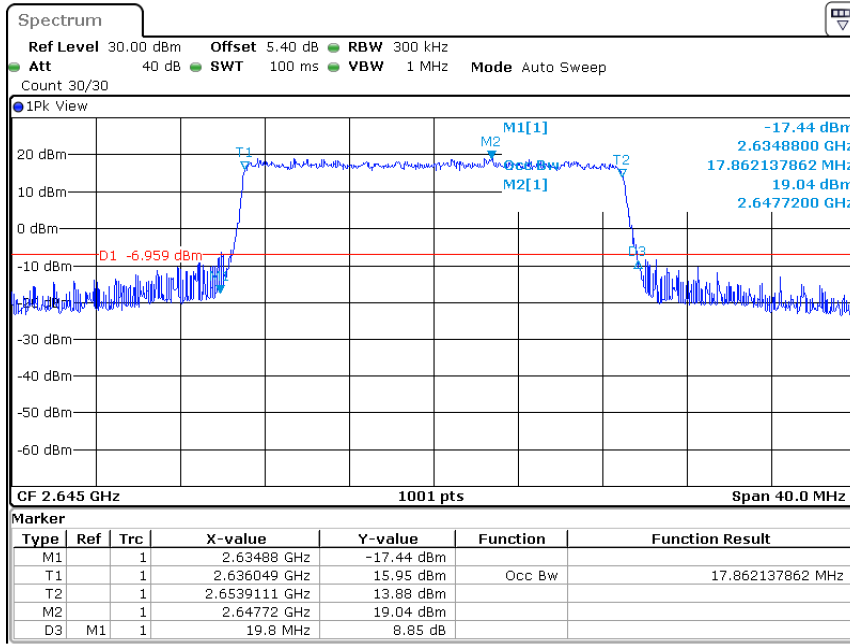


Date: 19.JUL.2020 07:56:28



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**Band41-20MHz-16QAM-41140-100RB#0-17.862**



Date: 19.JUL.2020 07:56:54

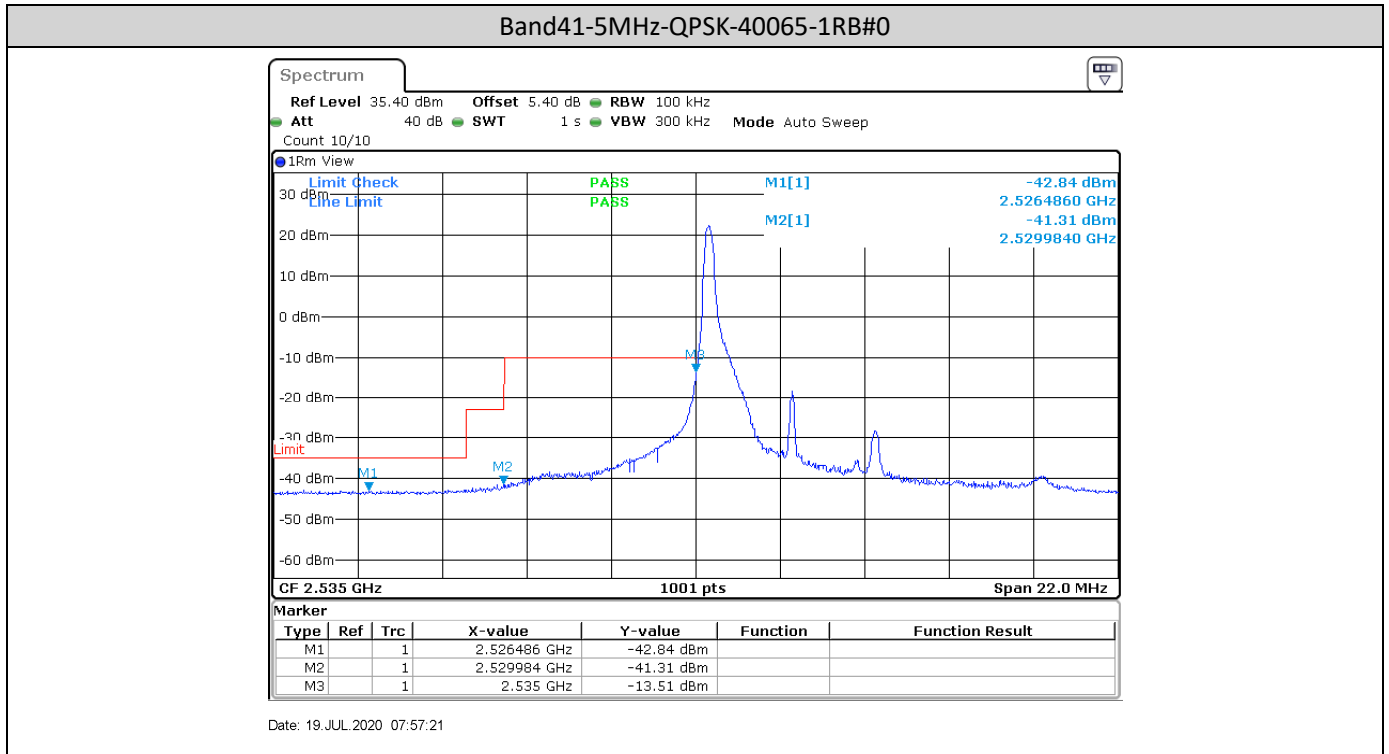


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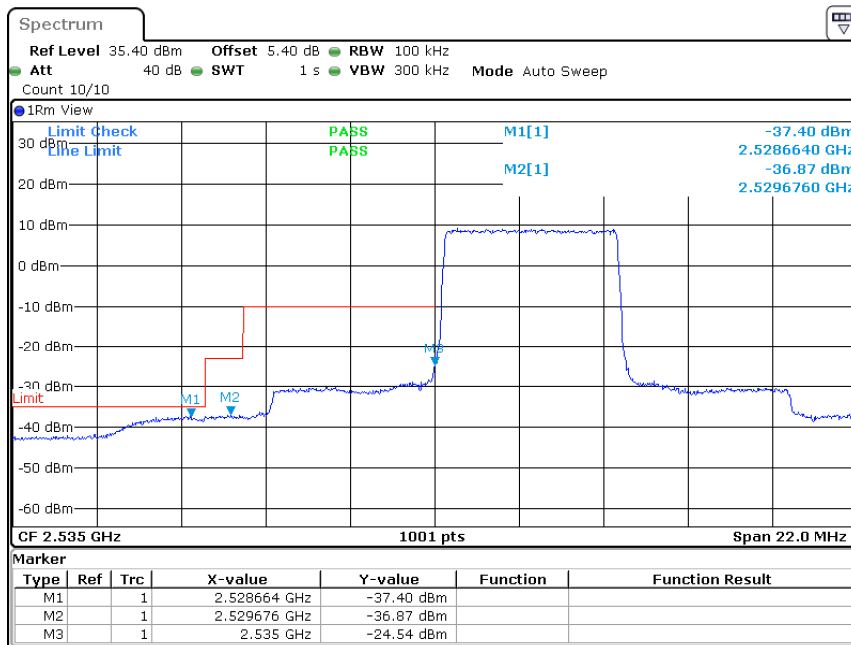
## 5. Band Edge Compliance

### 5.1. Test Plots



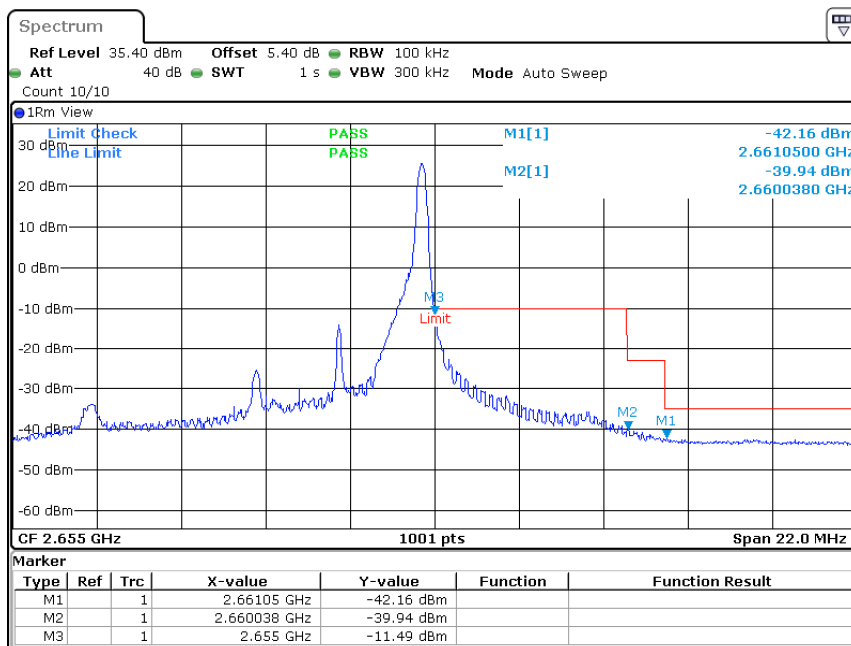
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**Band41-5MHz-QPSK-40065-25RB#0**



Date: 19.JUL.2020 07:58:56

**Band41-5MHz-QPSK-41215-1RB#24**



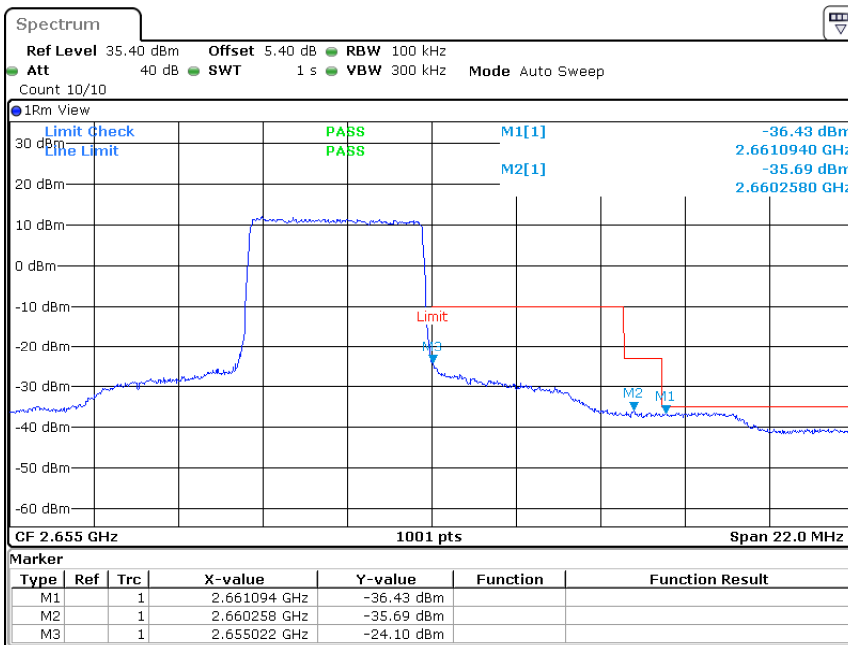
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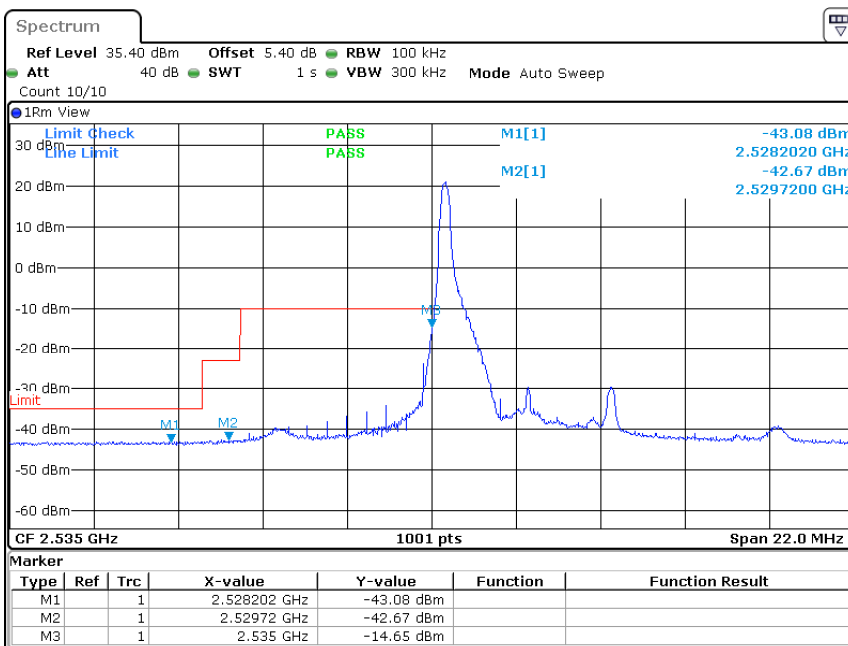


**Band41-5MHz-QPSK-41215-25RB#0**



Date: 19.JUL.2020 07:59:40

**Band41-5MHz-64QAM-40065-1RB#0**

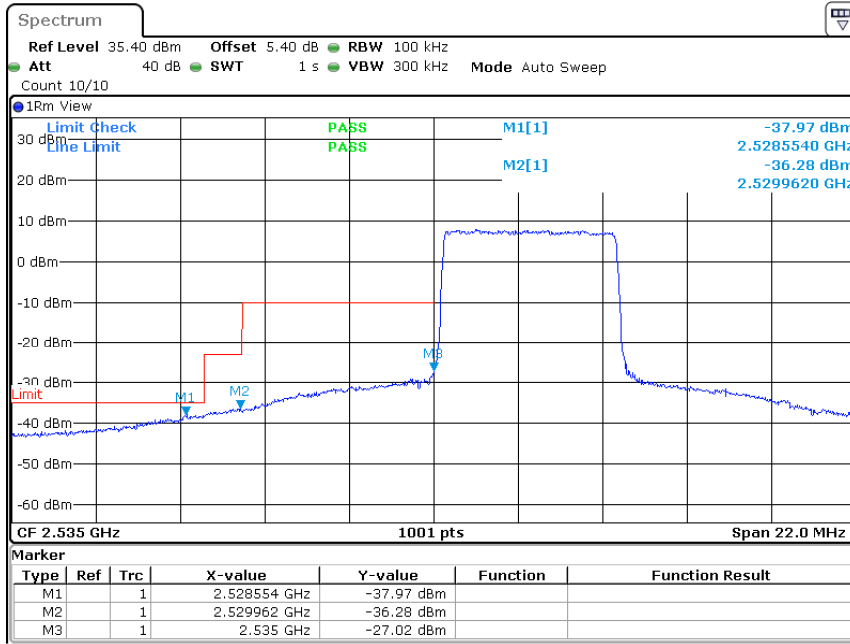


Date: 19.JUL.2020 08:39:47



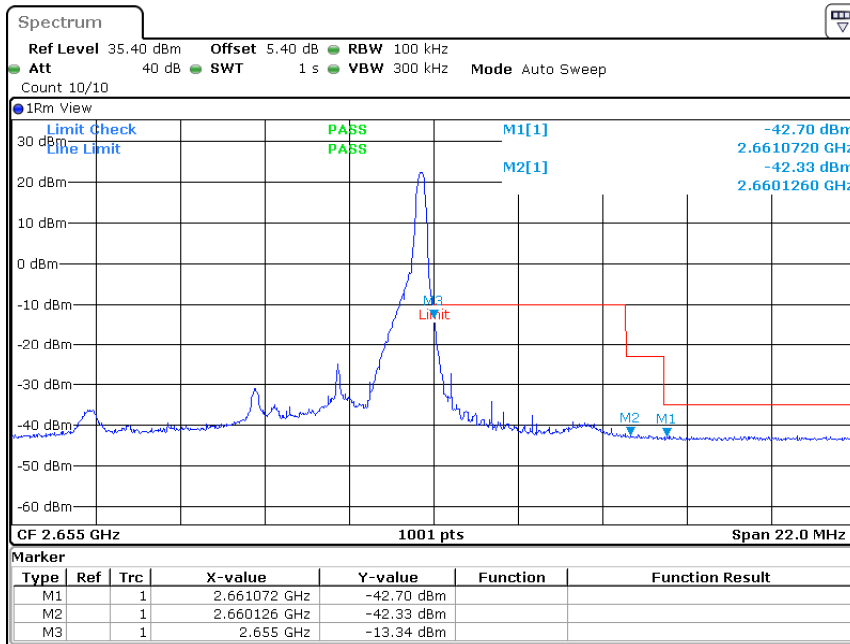
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**Band41-5MHz-64QAM-40065-25RB#0**



Date: 19.JUL.2020 08:40:40

**Band41-5MHz-64QAM-41215-1RB#24**

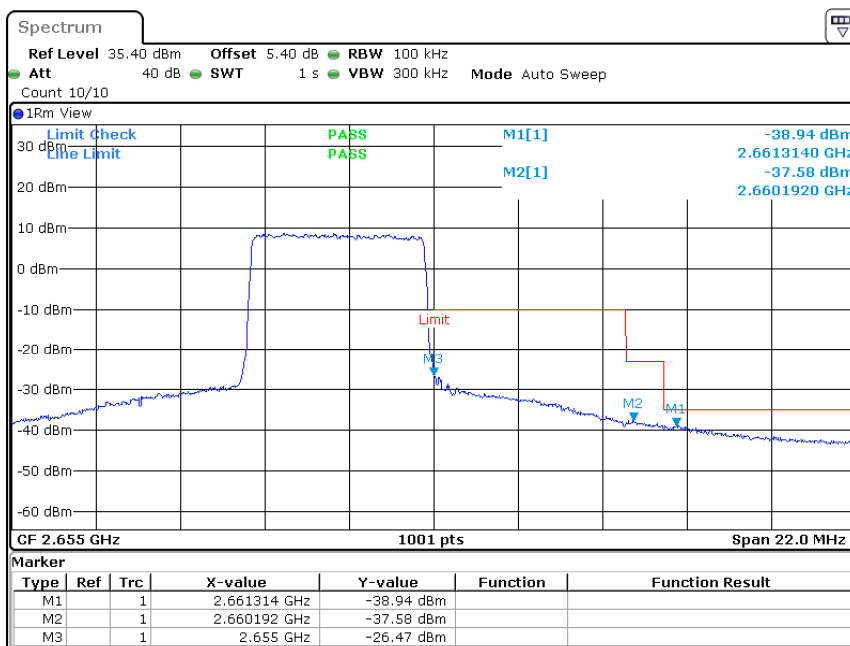


Date: 19.JUL.2020 08:40:13



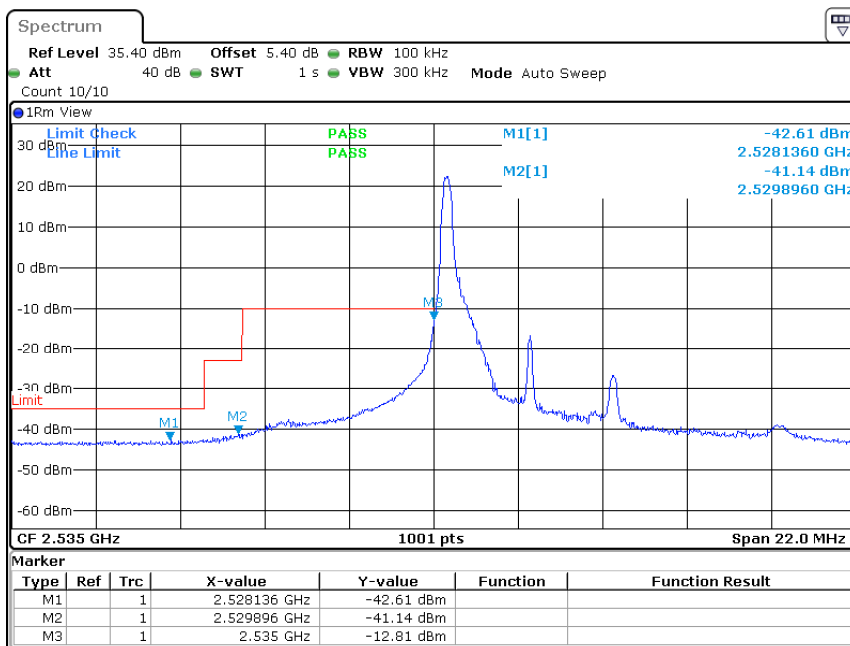
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**Band41-5MHz-64QAM-41215-25RB#0**



Date: 19.JUL.2020 08:41:02

**Band41-5MHz-16QAM-40065-1RB#0**



Date: 19.JUL.2020 07:57:43

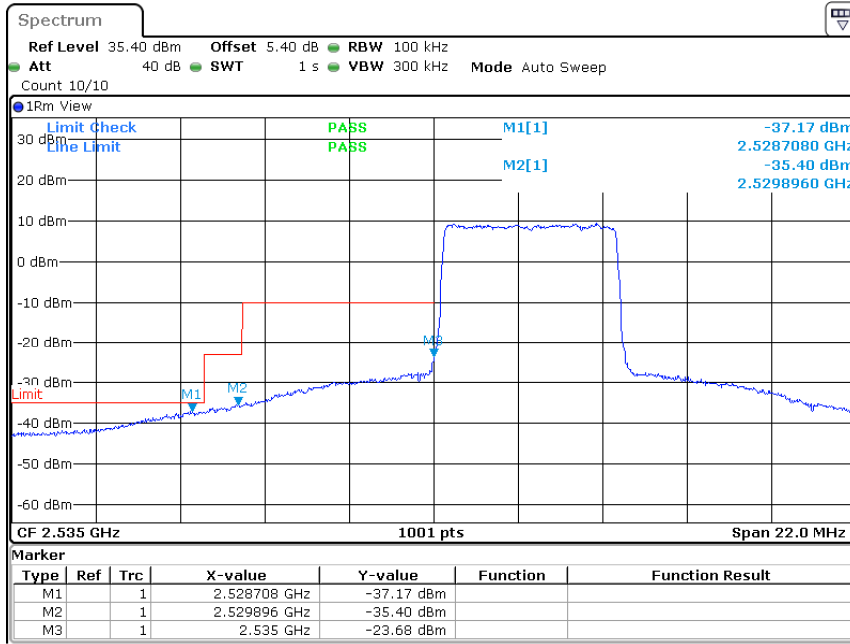


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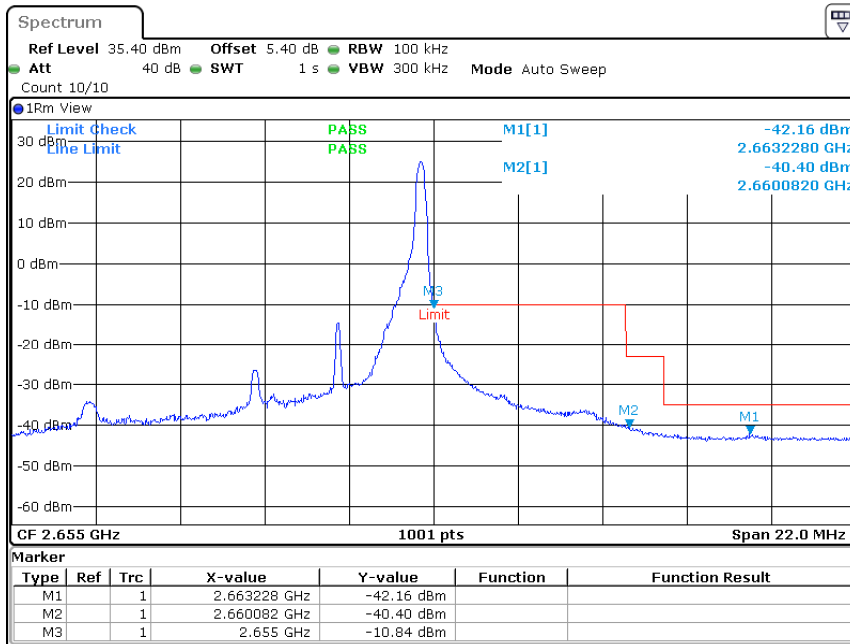
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**Band41-5MHz-16QAM-40065-25RB#0**



Date: 19.JUL.2020 07:59:18

**Band41-5MHz-16QAM-41215-1RB#24**

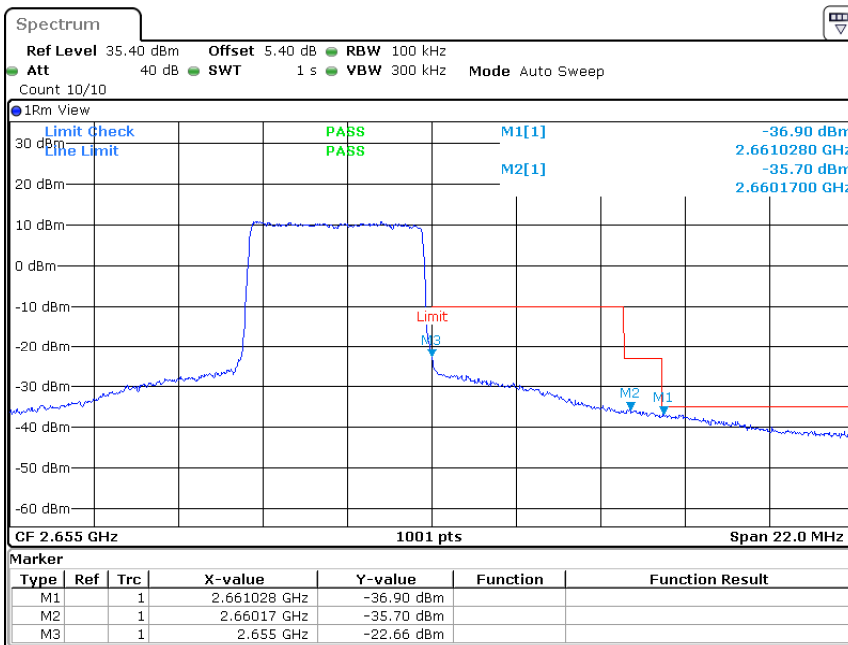


Date: 19.JUL.2020 07:58:31



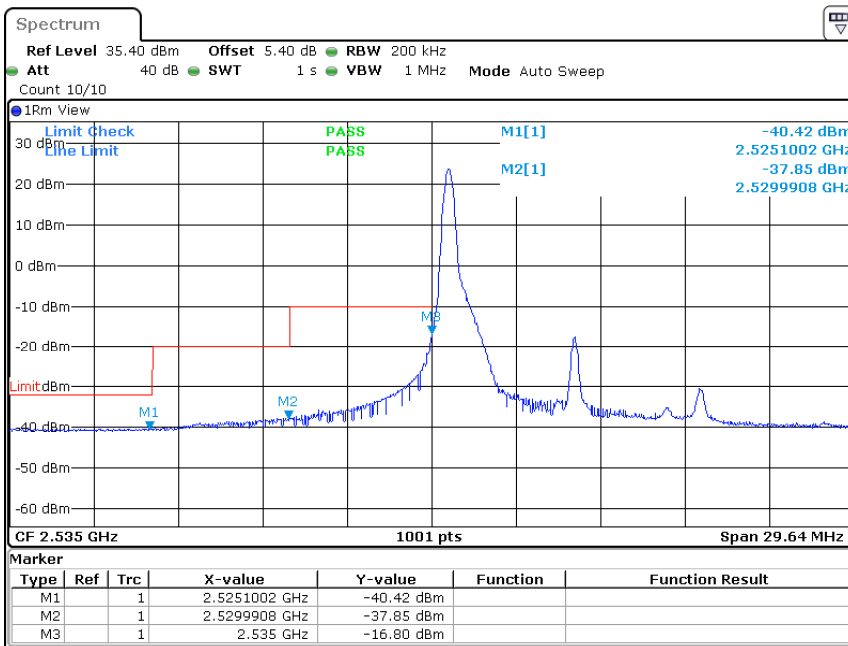
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**Band41-5MHz-16QAM-41215-25RB#0**



Date: 19.JUL.2020 08:00:02

**Band41-10MHz-QPSK-40090-1RB#0**

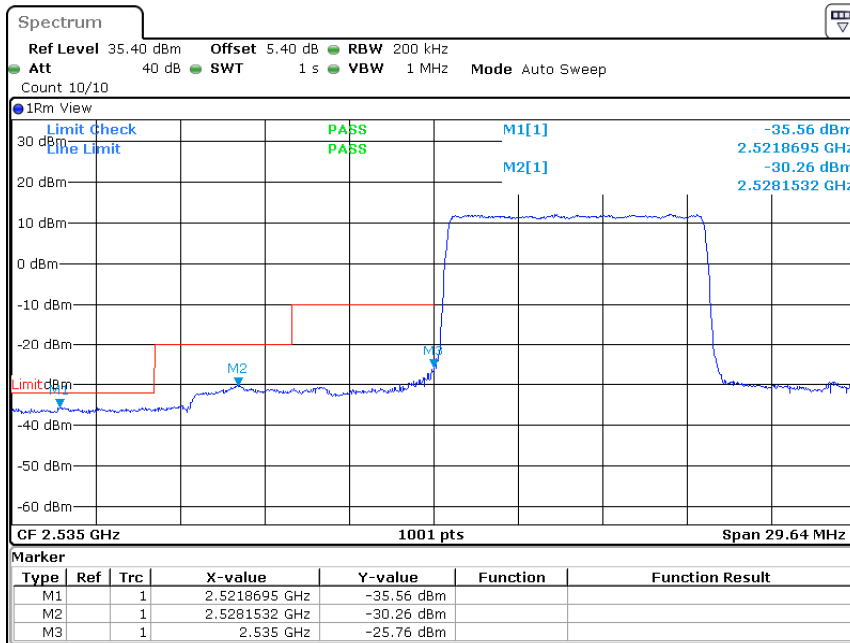


Date: 19.JUL.2020 08:00:29



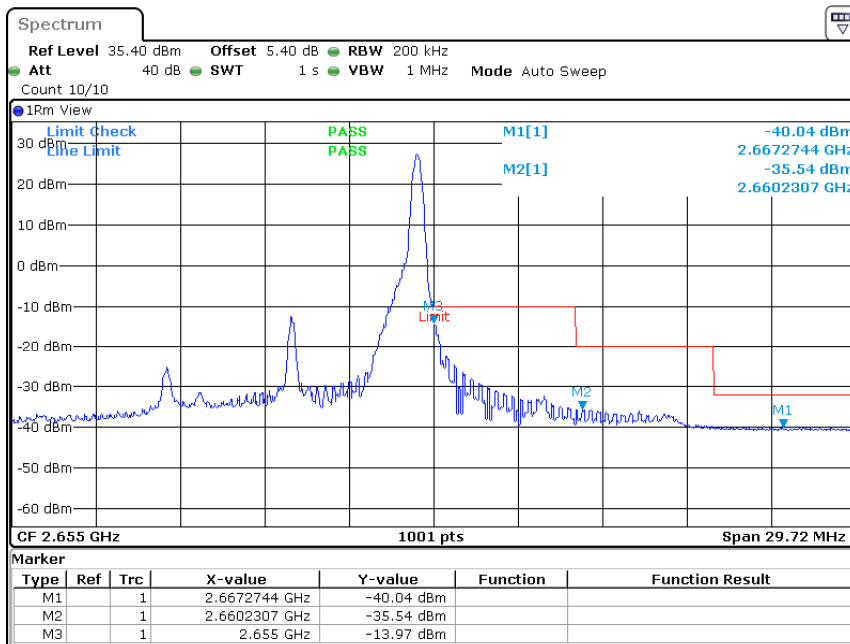
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**Band41-10MHz-QPSK-40090-50RB#0**



Date: 19.JUL.2020 08:02:05

**Band41-10MHz-QPSK-41190-1RB#49**

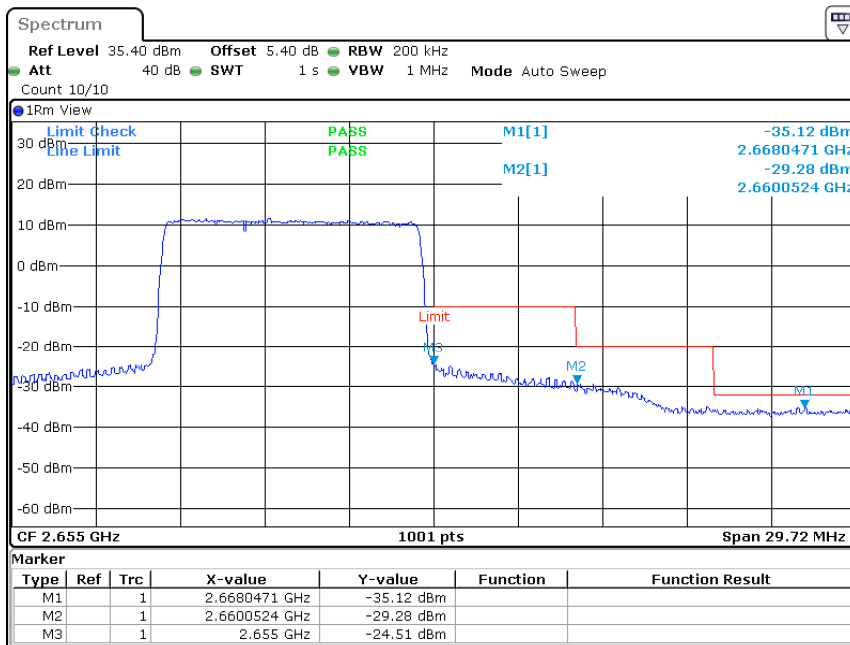


Date: 19.JUL.2020 08:01:17



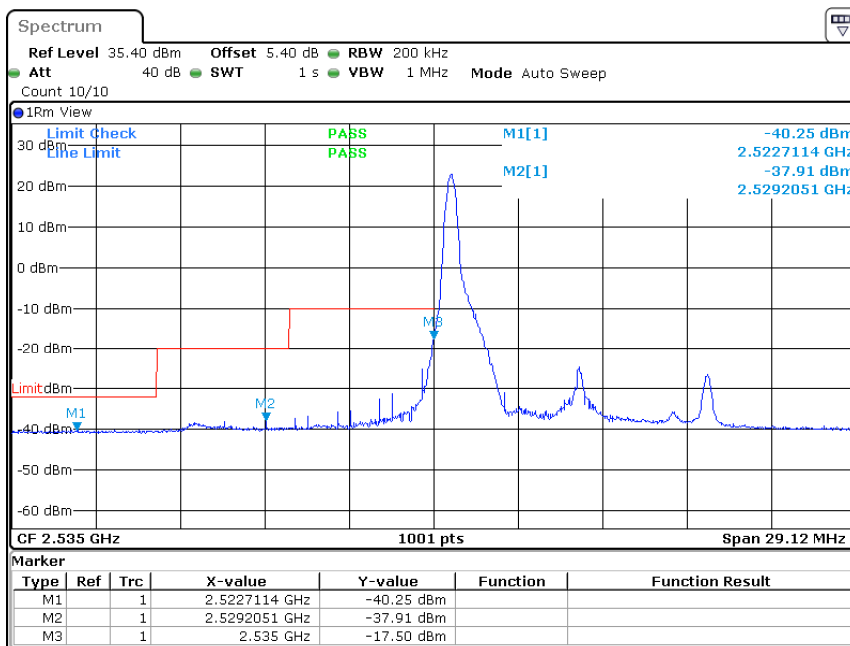
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**Band41-10MHz-QPSK-41190-50RB#0**



Date: 19.JUL.2020 08:02:49

**Band41-10MHz-64QAM-40090-1RB#0**

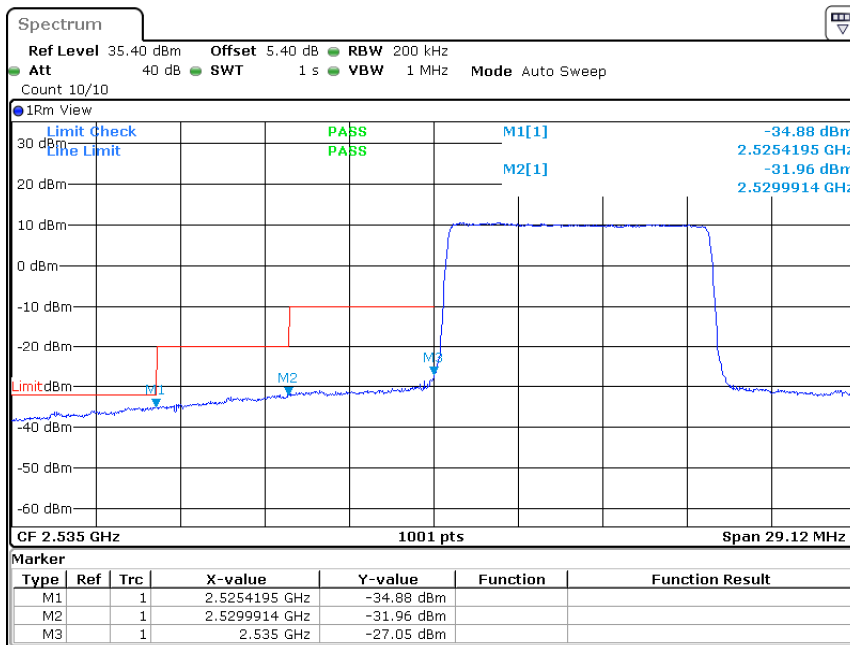


Date: 19.JUL.2020 08:41:30



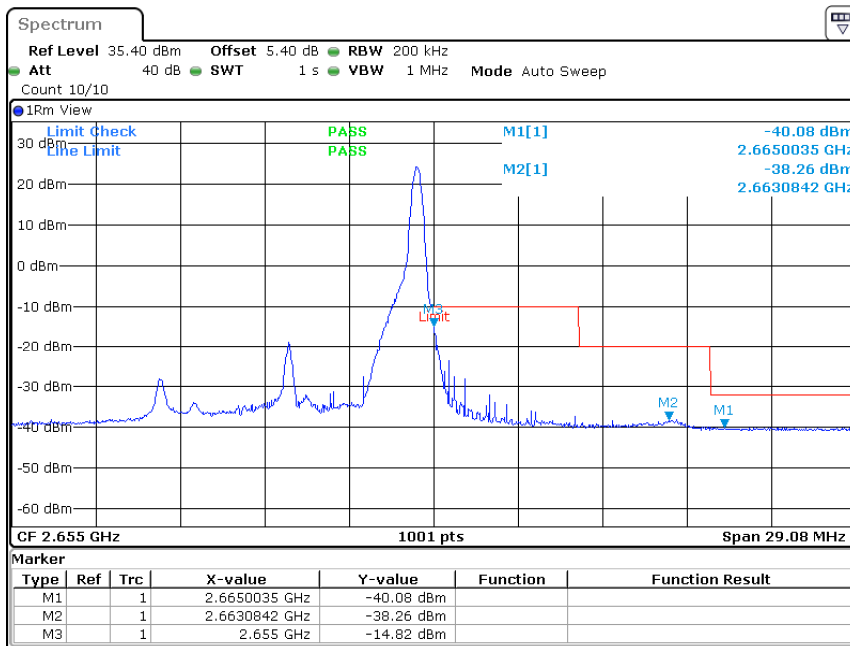
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**Band41-10MHz-64QAM-40090-50RB#0**



Date: 19.JUL.2020 08:42:24

**Band41-10MHz-64QAM-41190-1RB#49**



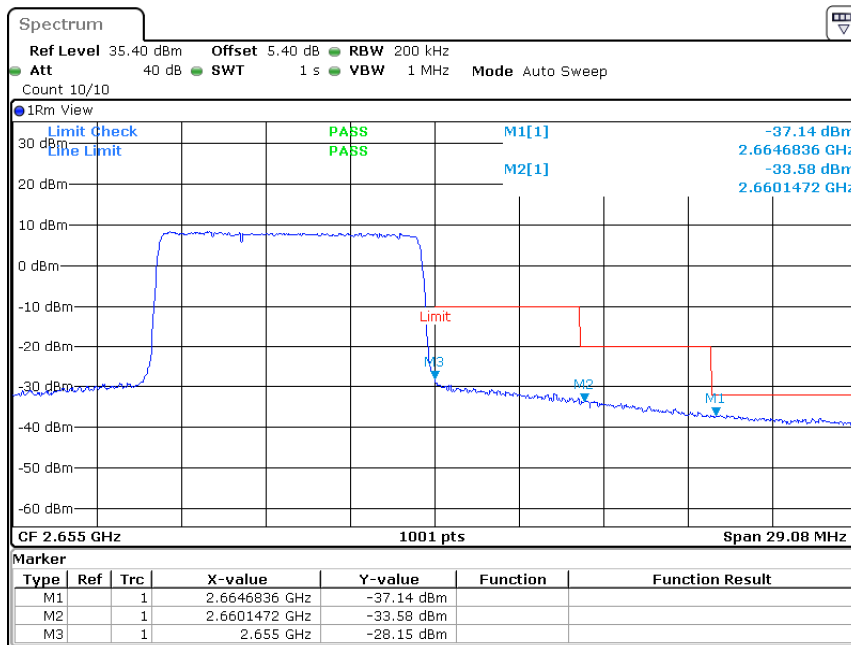
Date: 19.JUL.2020 08:41:57



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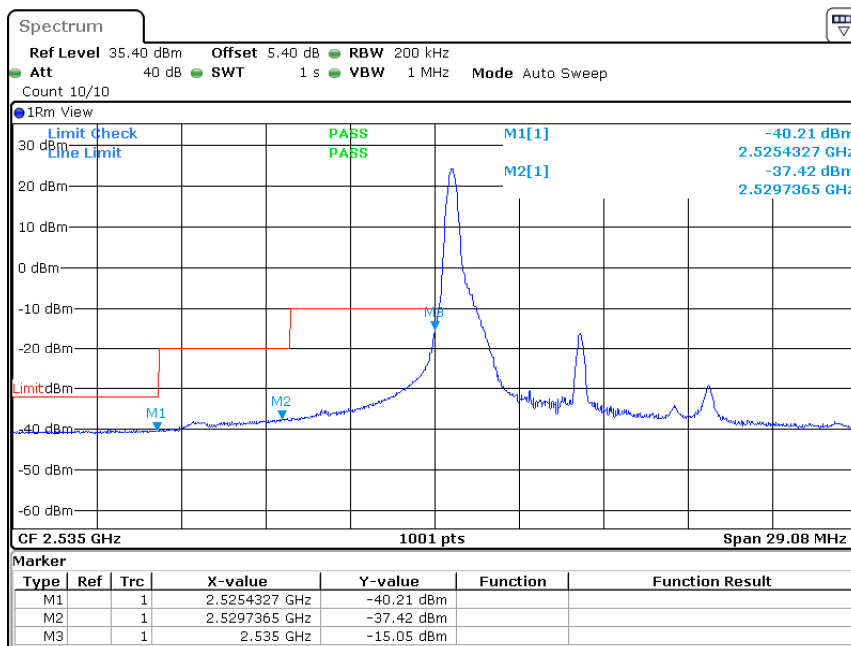


**Band41-10MHz-64QAM-41190-50RB#0**



Date: 19.JUL.2020 08:42:46

**Band41-10MHz-16QAM-40090-1RB#0**



Date: 19.JUL.2020 08:00:50

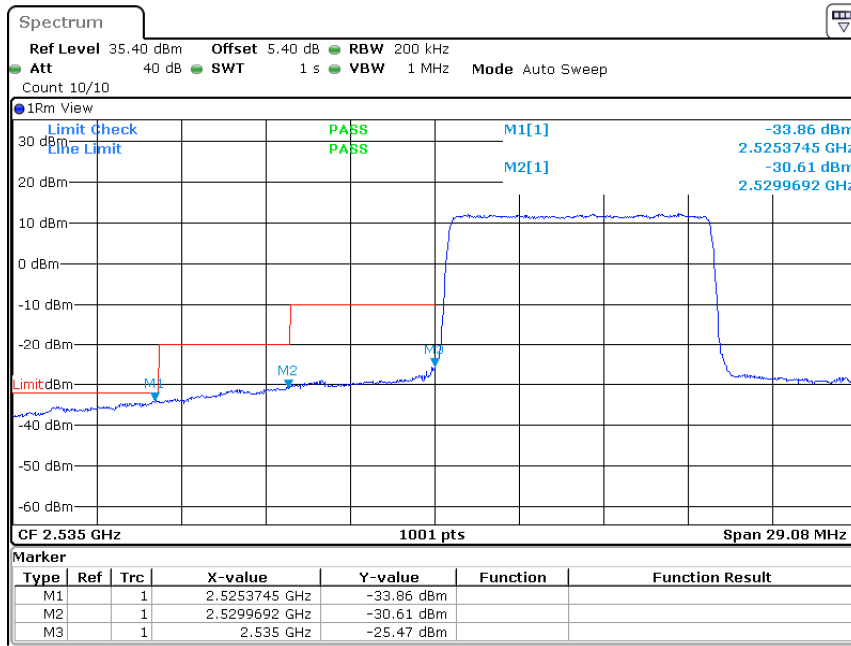


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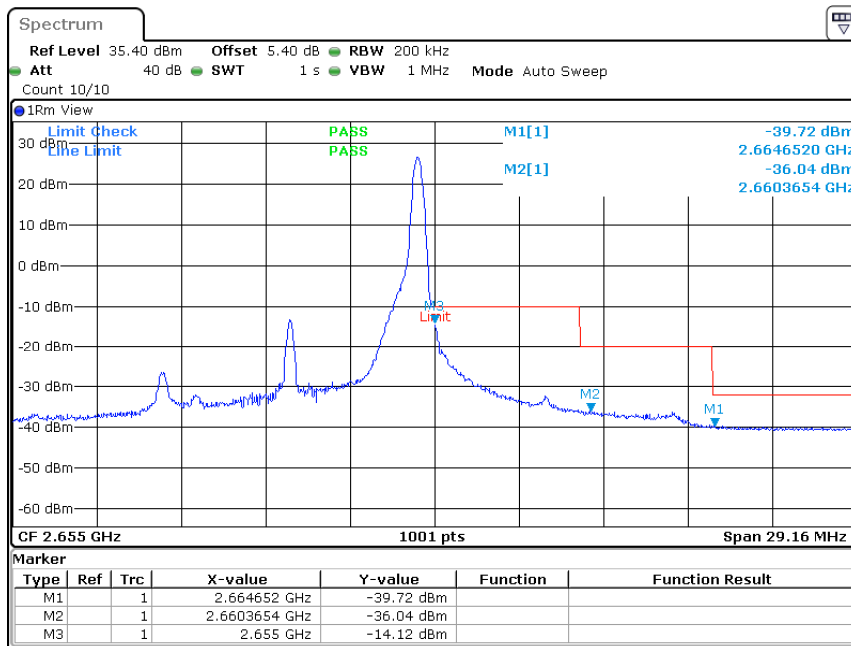
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**Band41-10MHz-16QAM-40090-50RB#0**



Date: 19.JUL.2020 08:02:27

**Band41-10MHz-16QAM-41190-1RB#49**

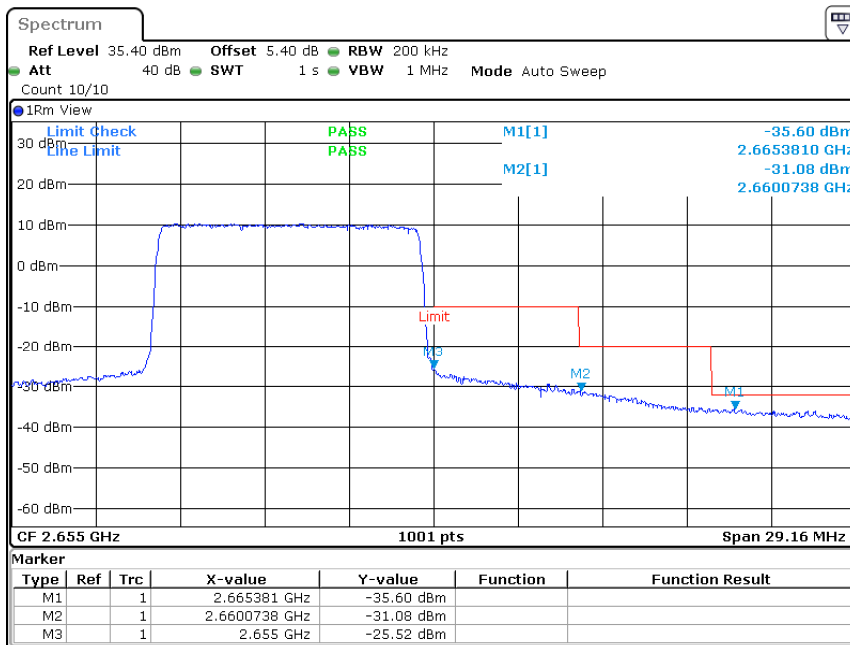


Date: 19.JUL.2020 08:01:39



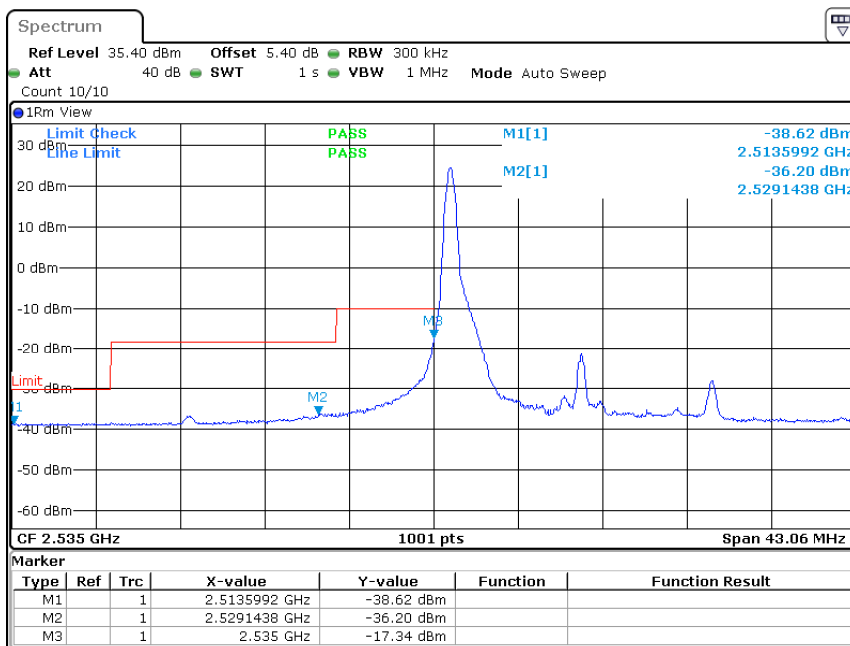
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**Band41-10MHz-16QAM-41190-50RB#0**



Date: 19.JUL.2020 08:03:11

**Band41-15MHz-QPSK-40115-1RB#0**



Date: 19.JUL.2020 08:03:38

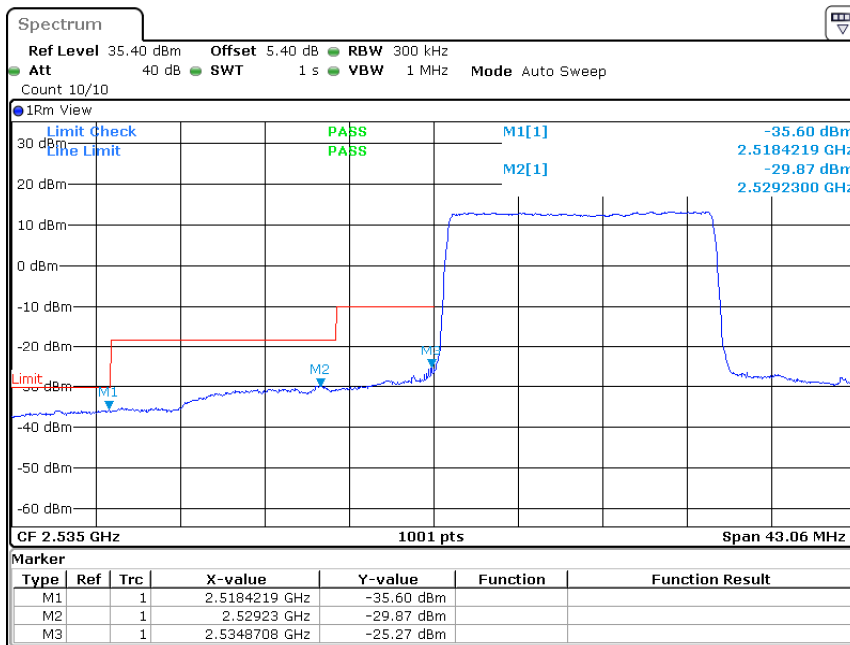


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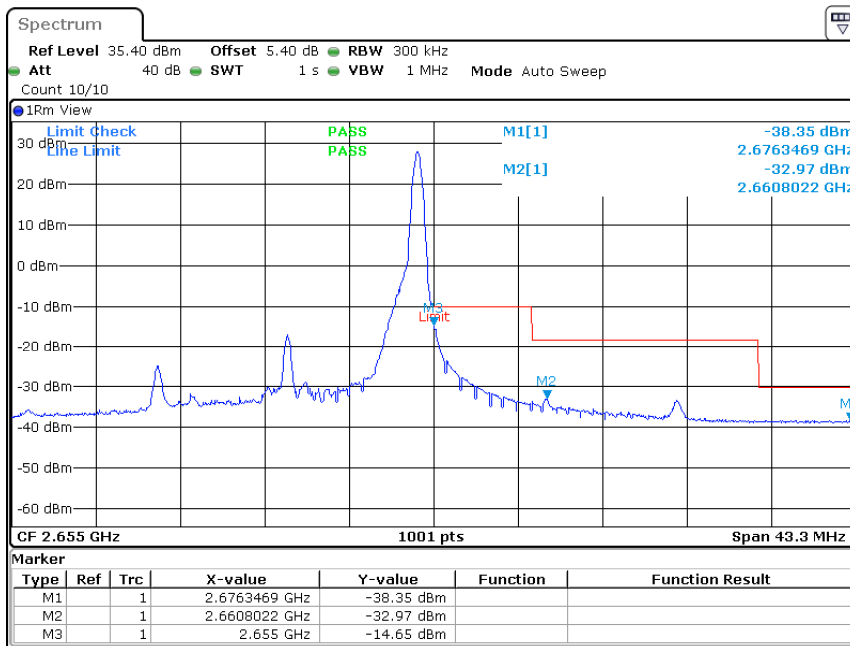
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**Band41-15MHz-QPSK-40115-75RB#0**



Date: 19.JUL.2020 08:05:13

**Band41-15MHz-QPSK-41165-1RB#74**

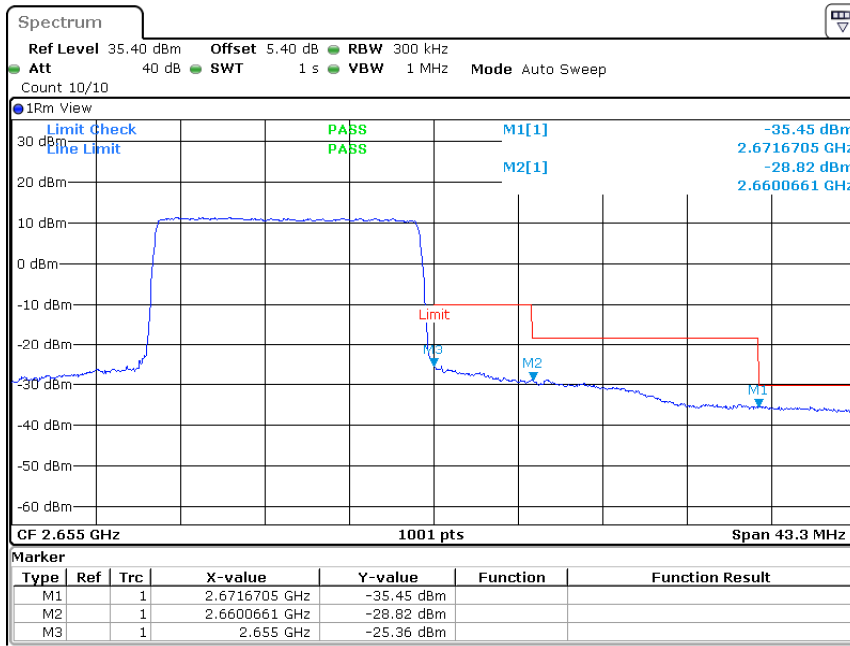


Date: 19.JUL.2020 08:04:26



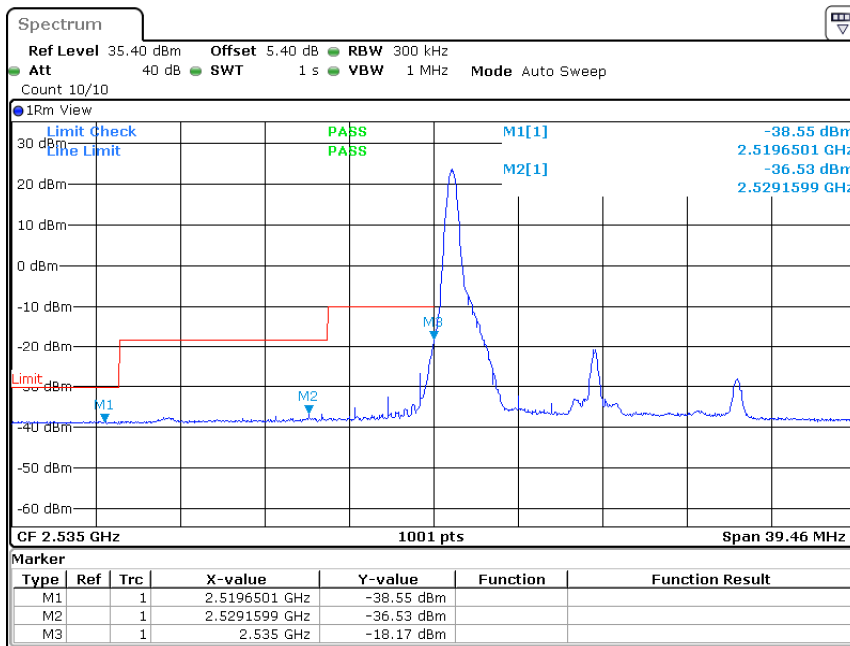
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**Band41-15MHz-QPSK-41165-75RB#0**



Date: 19.JUL.2020 08:05:57

**Band41-15MHz-64QAM-40115-1RB#0**

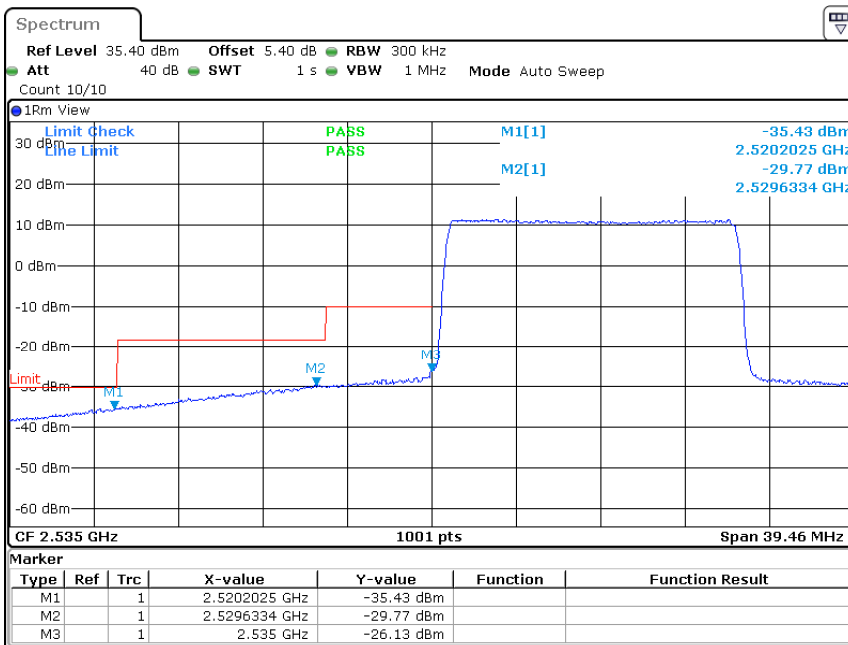


Date: 19.JUL.2020 08:43:14



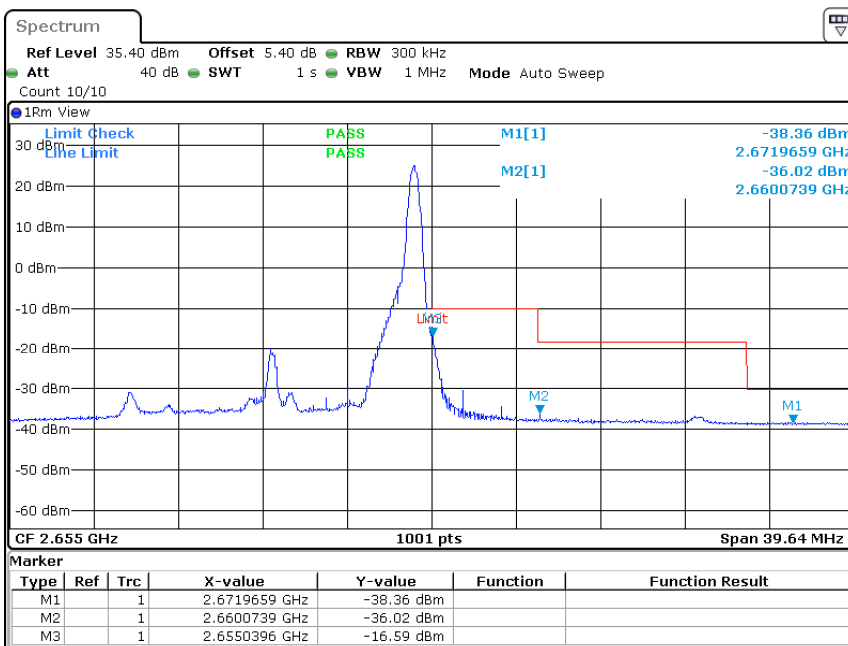
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**Band41-15MHz-64QAM-40115-75RB#0**



Date: 19.JUL.2020 08:44:08

**Band41-15MHz-64QAM-41165-1RB#74**

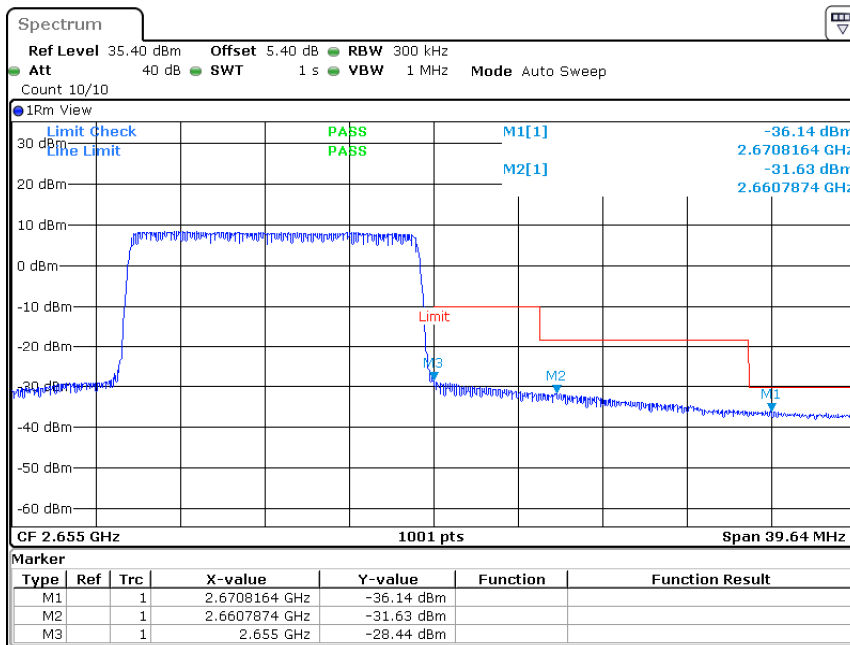


Date: 19.JUL.2020 08:43:41



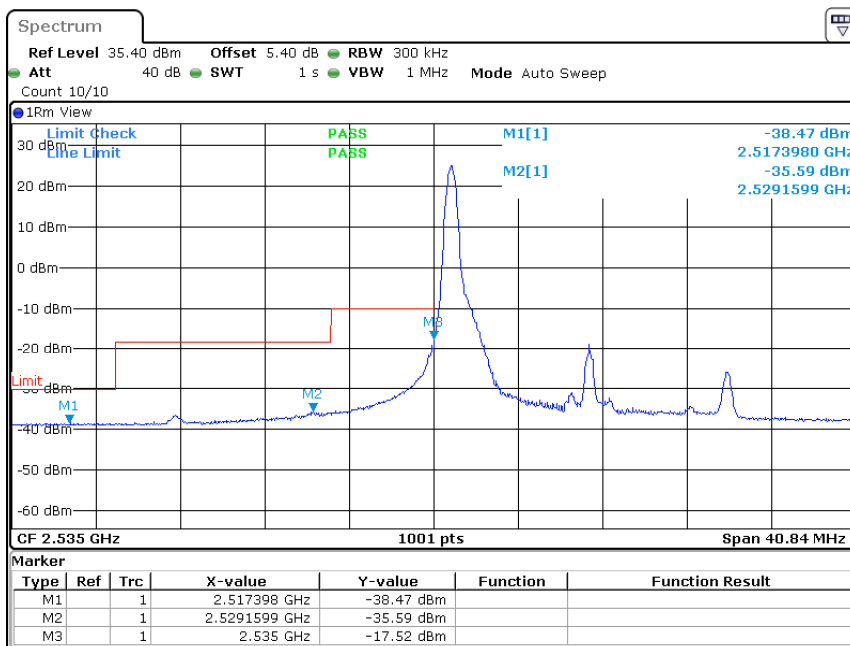
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**Band41-15MHz-64QAM-41165-75RB#0**



Date: 19.JUL.2020 08:44:30

**Band41-15MHz-16QAM-40115-1RB#0**



Date: 19.JUL.2020 08:04:00

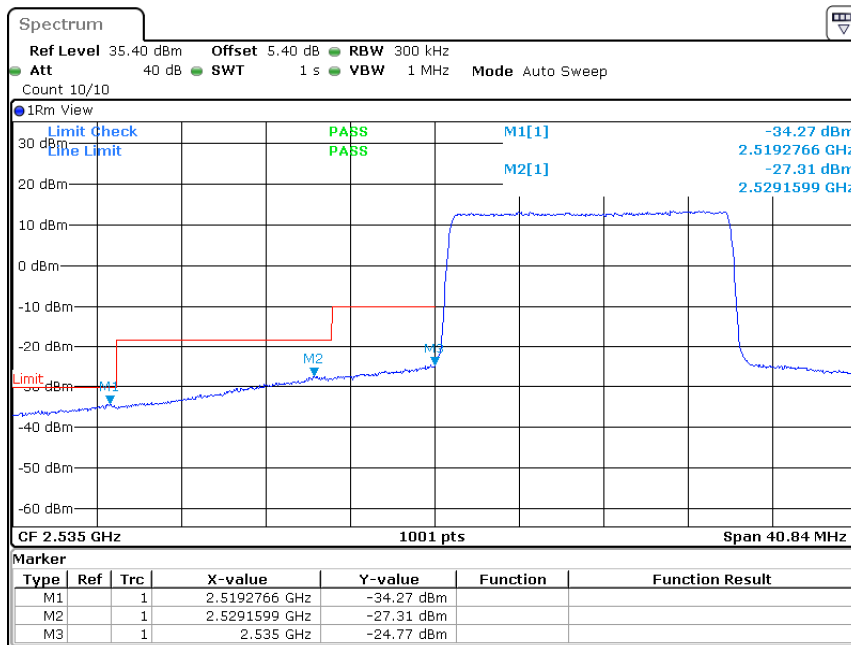


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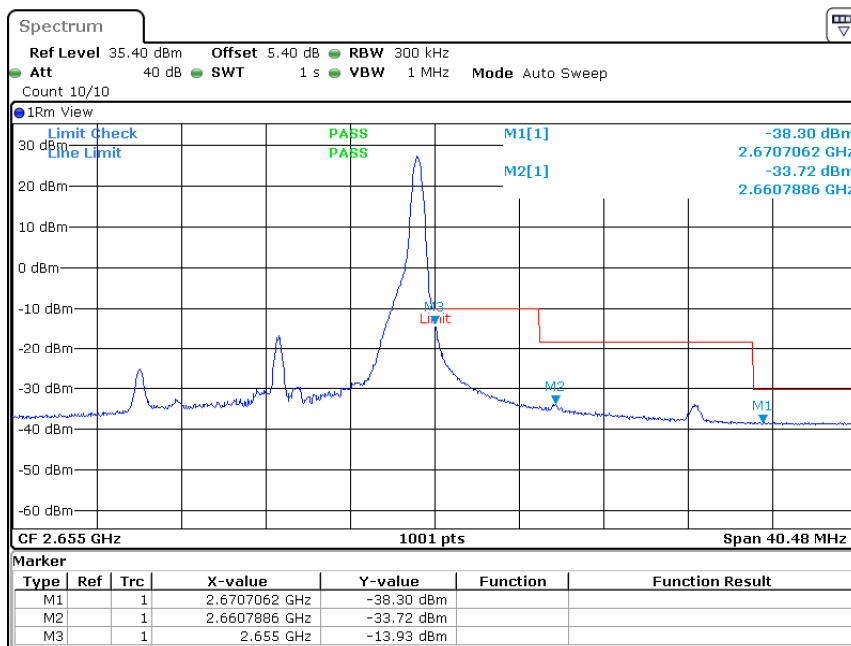
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**Band41-15MHz-16QAM-40115-75RB#0**



Date: 19.JUL.2020 08:05:35

**Band41-15MHz-16QAM-41165-1RB#74**



Date: 19.JUL.2020 08:04:47



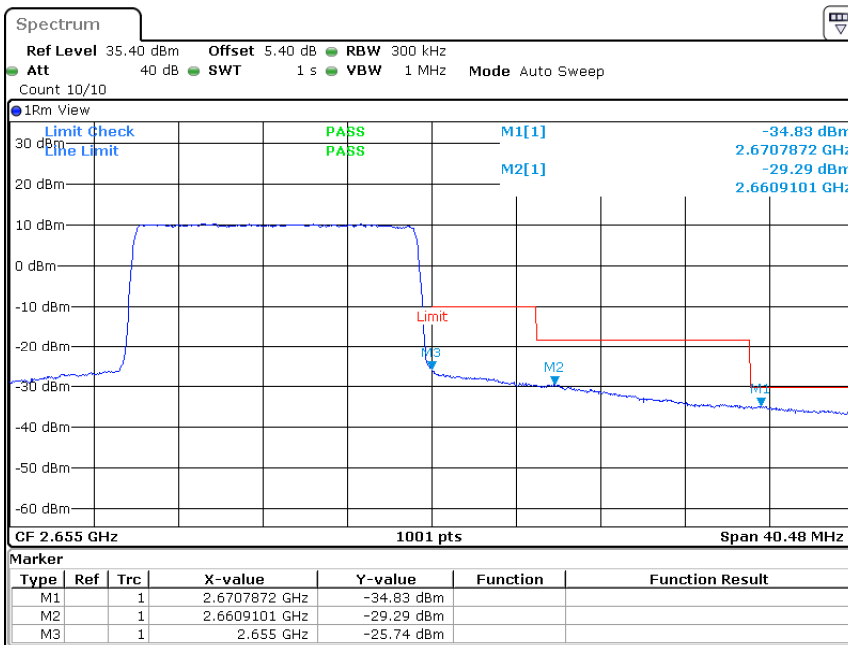
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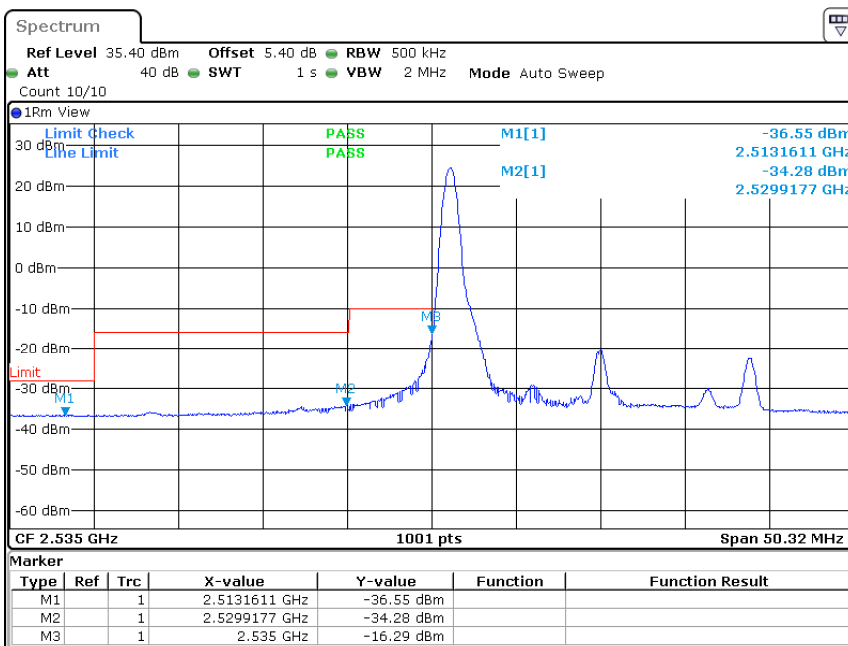


**Band41-15MHz-16QAM-41165-75RB#0**



Date: 19.JUL.2020 08:06:18

**Band41-20MHz-QPSK-40140-1RB#0**



Date: 19.JUL.2020 08:06:45

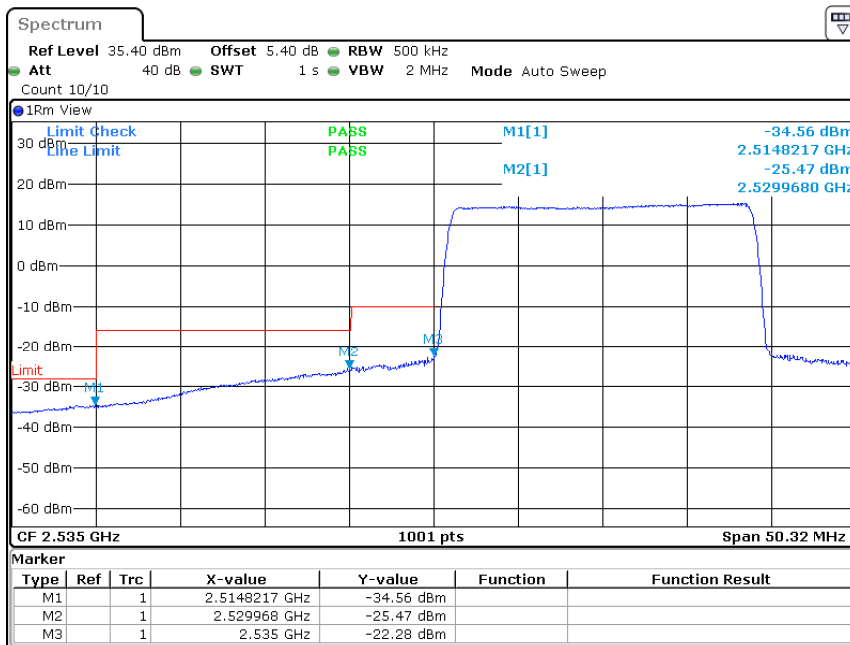


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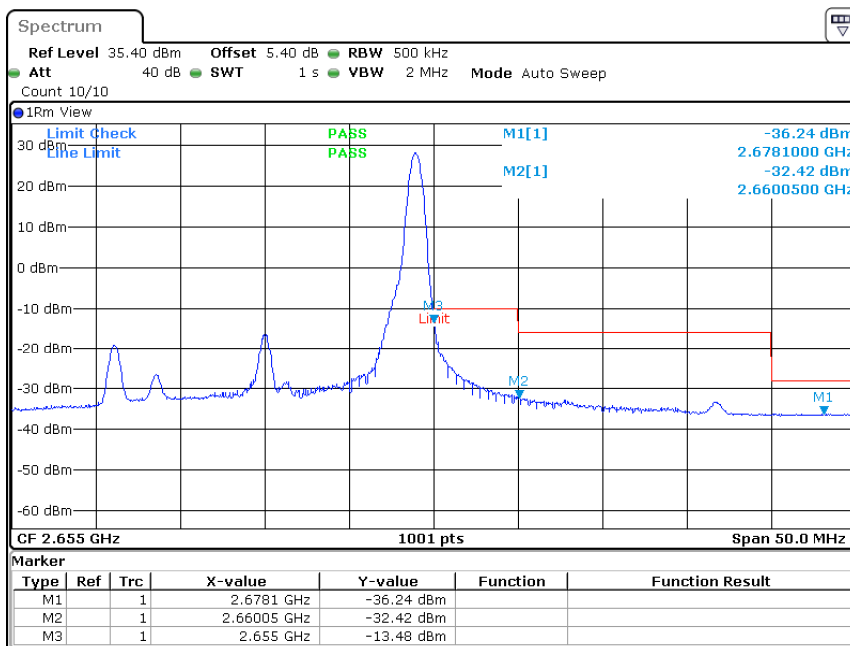
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**Band41-20MHz-QPSK-40140-100RB#0**



Date: 19.JUL.2020 08:08:21

**Band41-20MHz-QPSK-41140-1RB#99**



Date: 19.JUL.2020 08:07:33

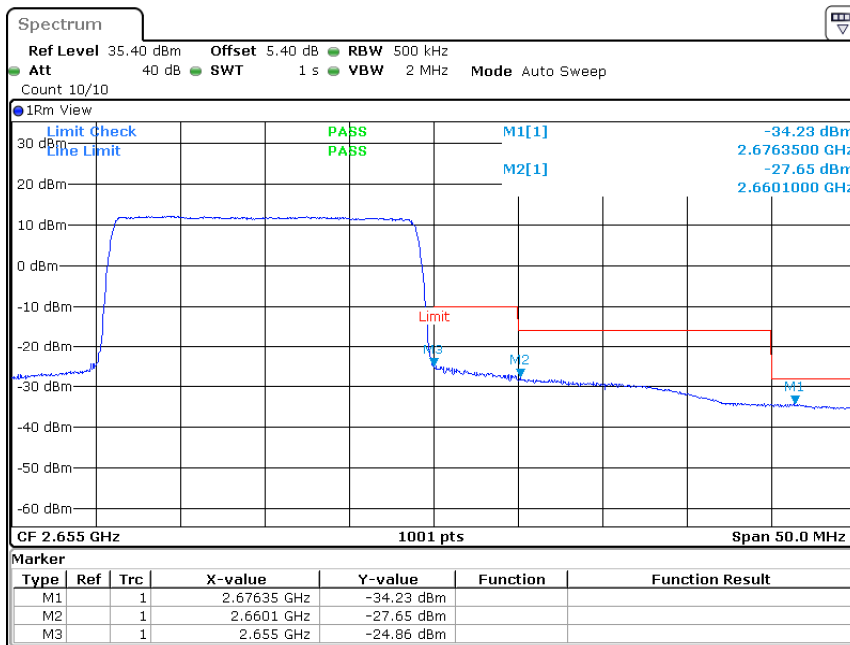


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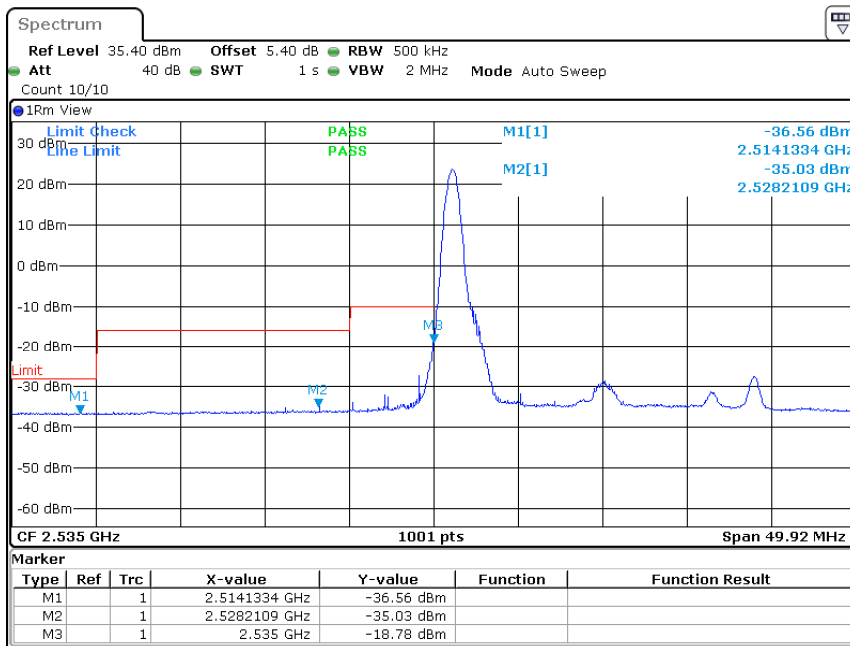
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**Band41-20MHz-QPSK-41140-100RB#0**



Date: 19.JUL.2020 08:09:05

**Band41-20MHz-64QAM-40140-1RB#0**



Date: 19.JUL.2020 08:44:58

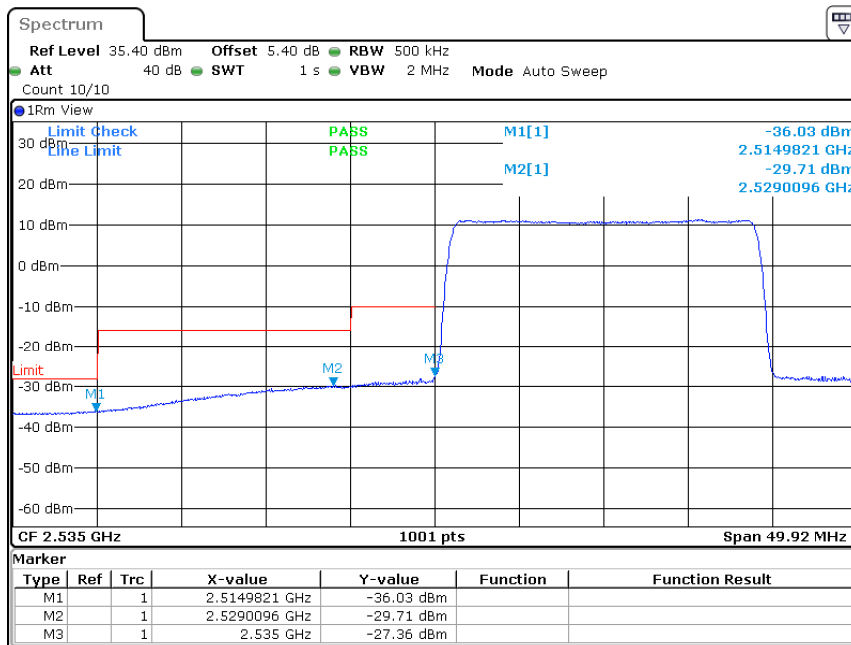


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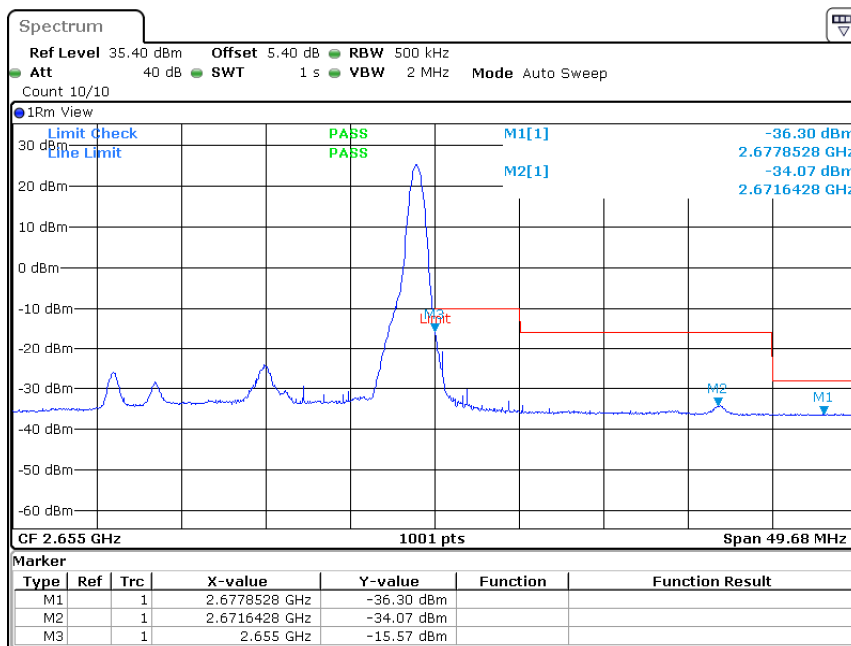
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**Band41-20MHz-64QAM-40140-100RB#0**



Date: 19.JUL.2020 08:45:52

**Band41-20MHz-64QAM-41140-1RB#99**



Date: 19.JUL.2020 08:45:25

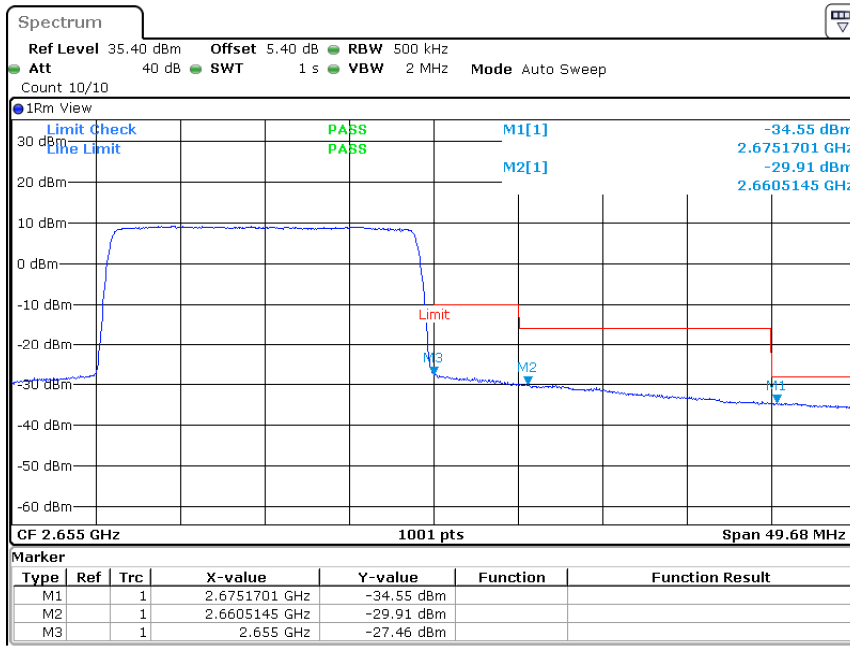


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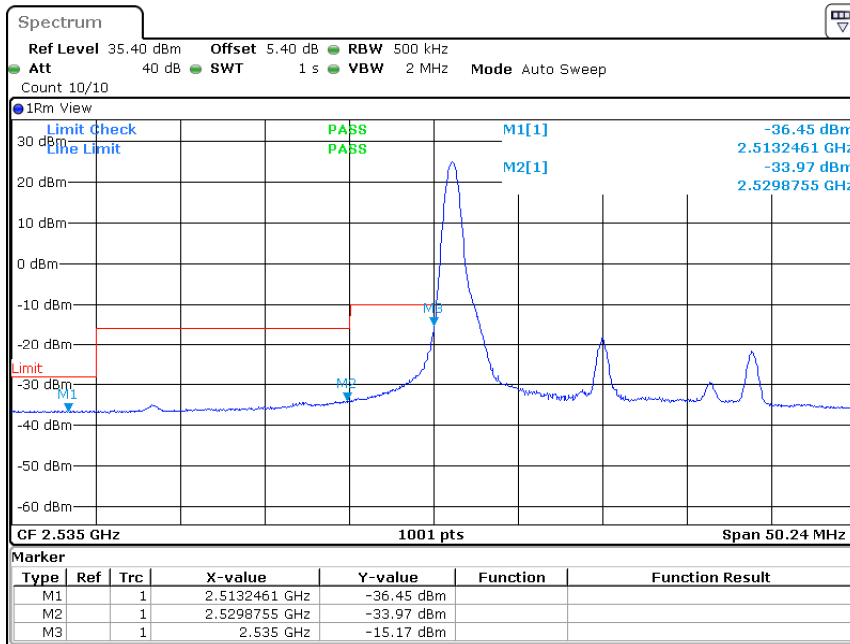
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**Band41-20MHz-64QAM-41140-100RB#0**



Date: 19.JUL.2020 08:46:14

**Band41-20MHz-16QAM-40140-1RB#0**

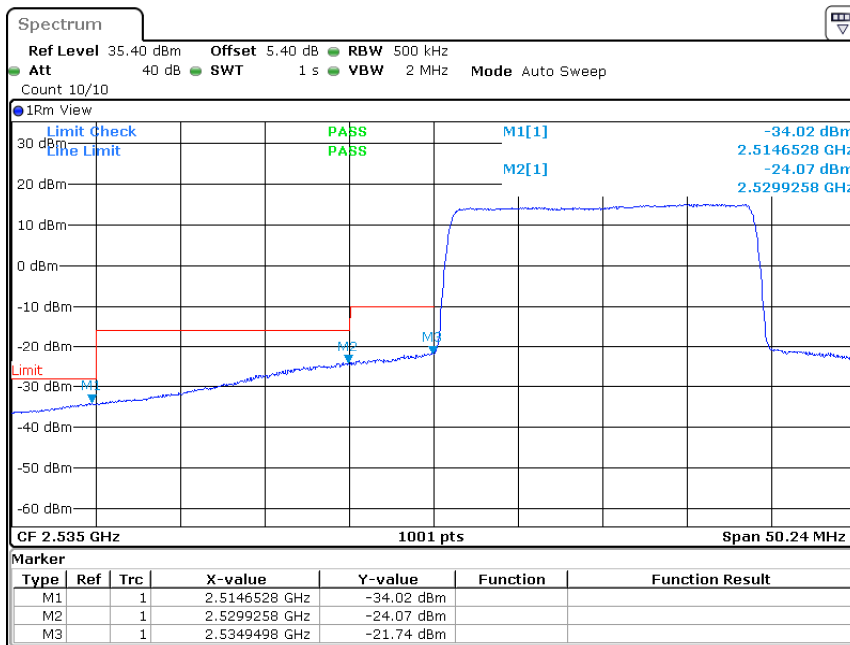


Date: 19.JUL.2020 08:07:07



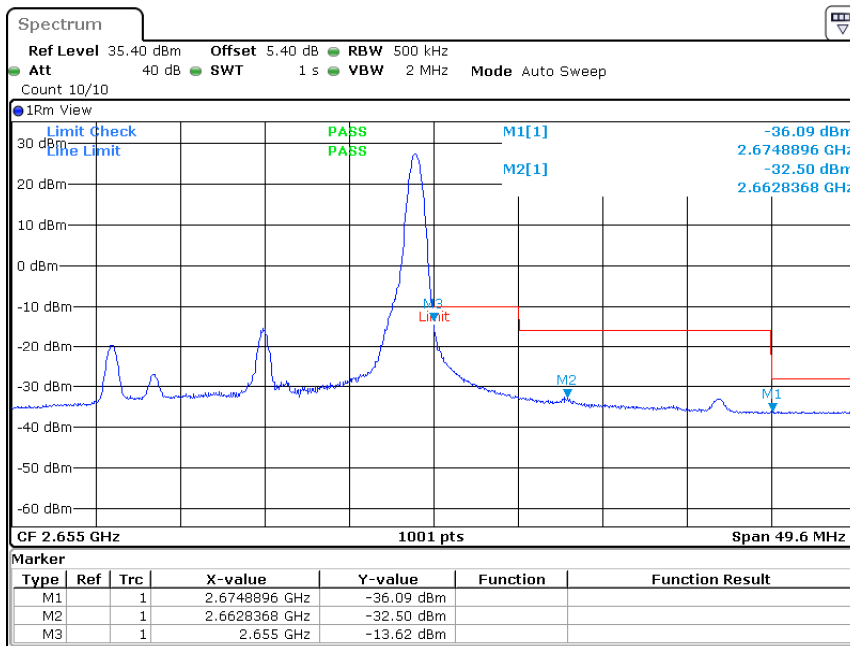
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**Band41-20MHz-16QAM-40140-100RB#0**



Date: 19.JUL.2020 08:08:43

**Band41-20MHz-16QAM-41140-1RB#99**



Date: 19.JUL.2020 08:07:55



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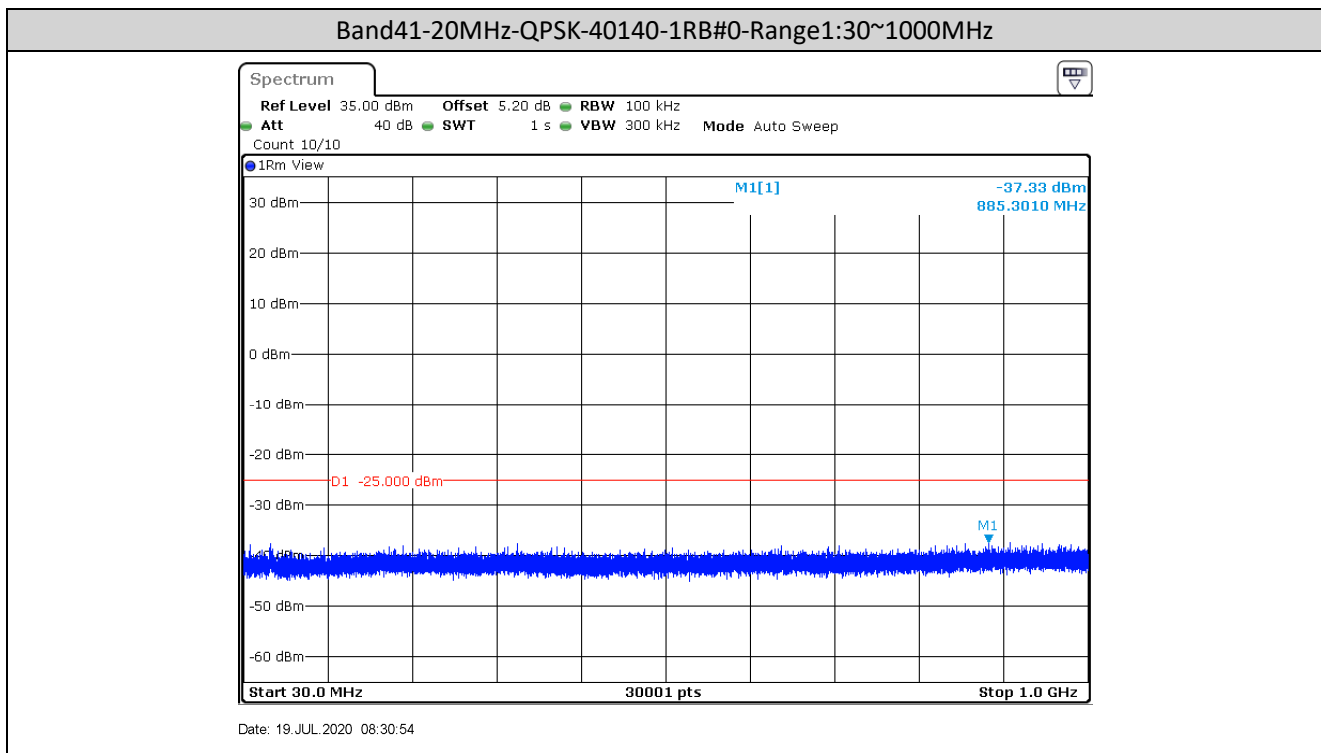


## 6. Spurious Emission at Antenna Terminal

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.

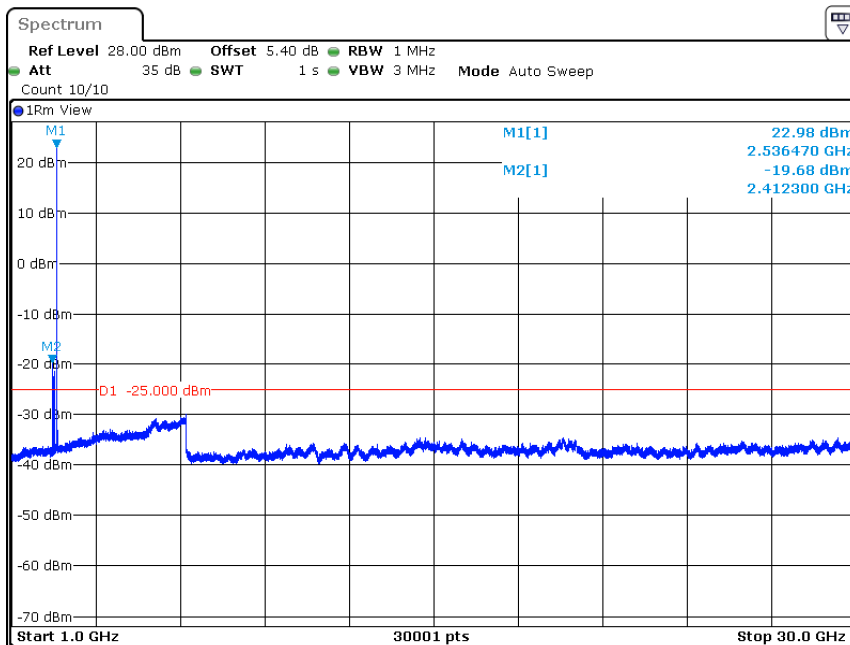
### 6.1. Test Plots



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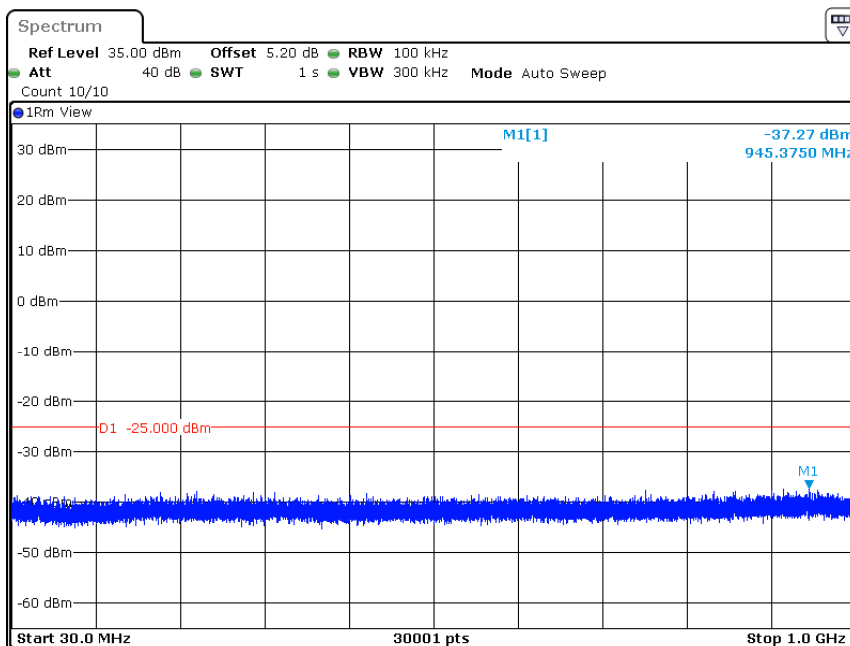


**Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 08:31:11

**Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz**

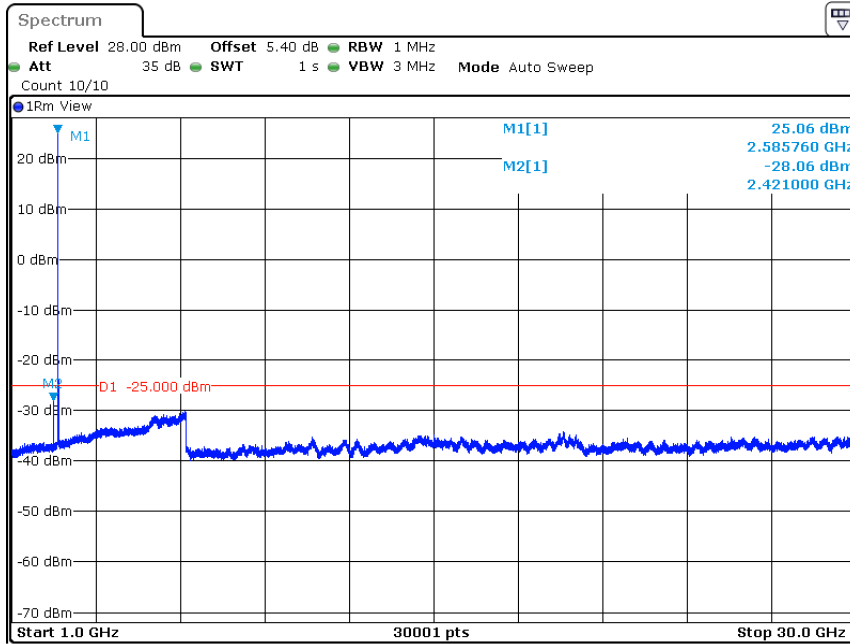


Date: 19.JUL.2020 08:32:04



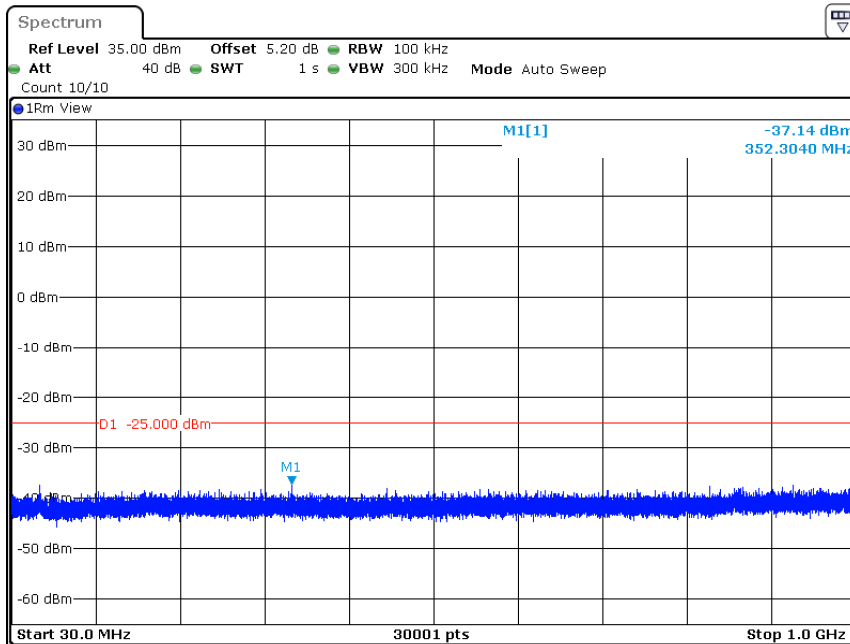
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**Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 08:32:21

**Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz**



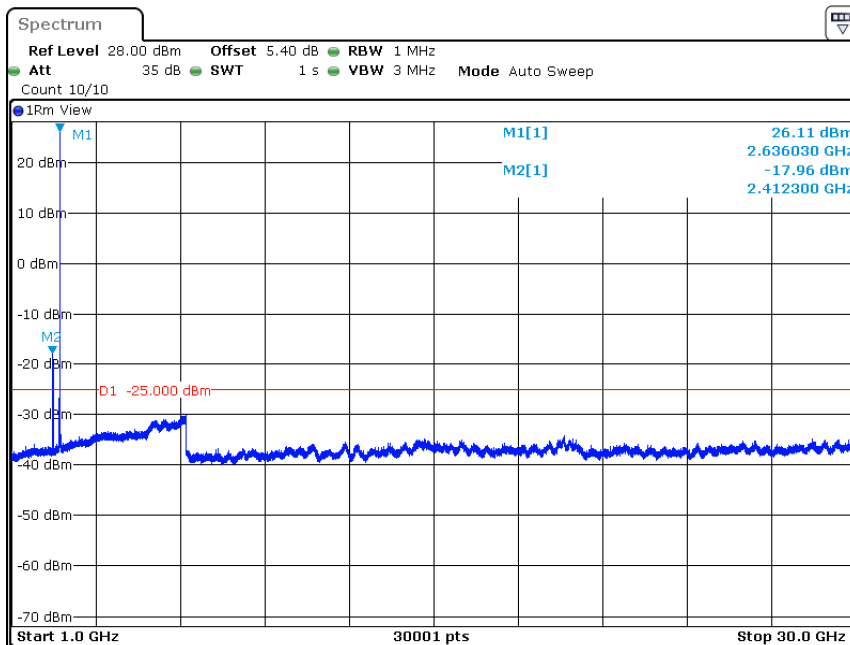
Date: 19.JUL.2020 08:33:15



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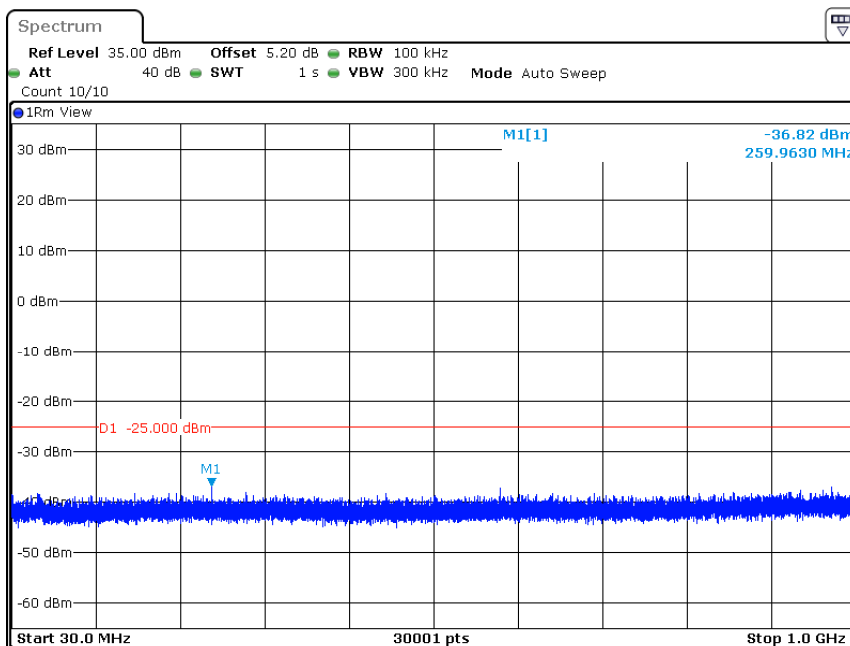
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**Band41-20MHz-QPSK-41140-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 08:33:31

**Band41-20MHz-64QAM-40140-1RB#0-Range1:30~1000MHz**

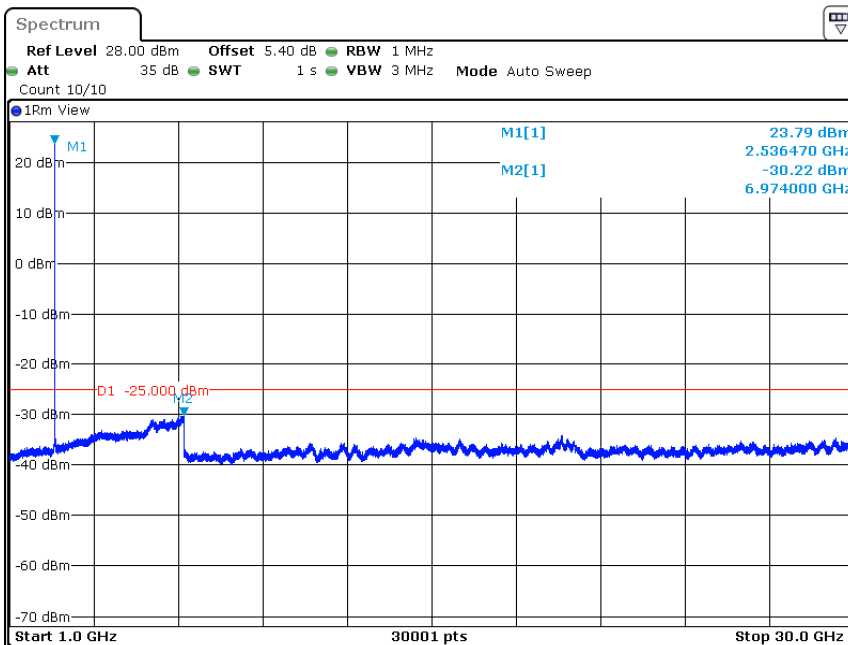


Date: 19.JUL.2020 09:02:28



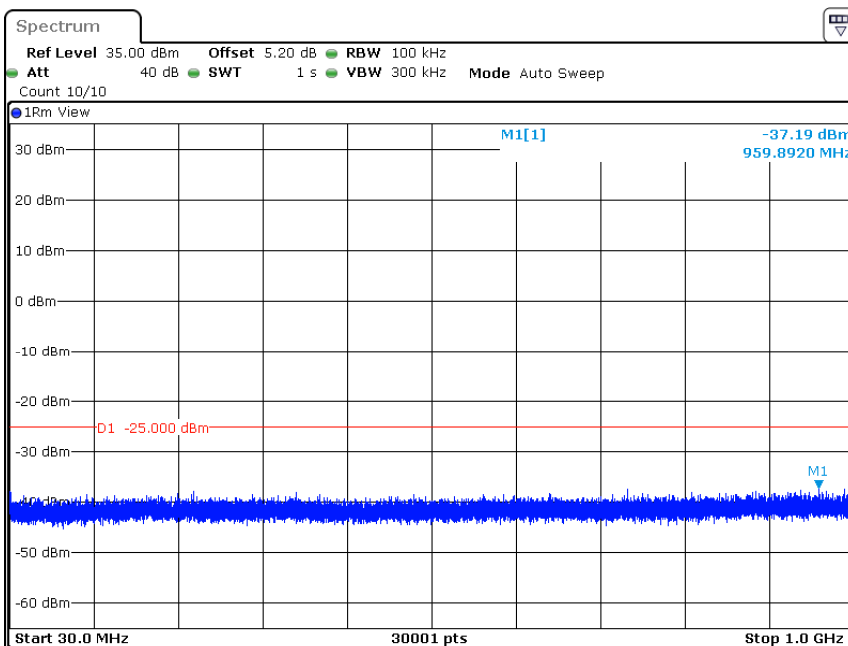
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**Band41-20MHz-64QAM-40140-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 09:02:44

**Band41-20MHz-64QAM-40640-1RB#0-Range1:30~1000MHz**



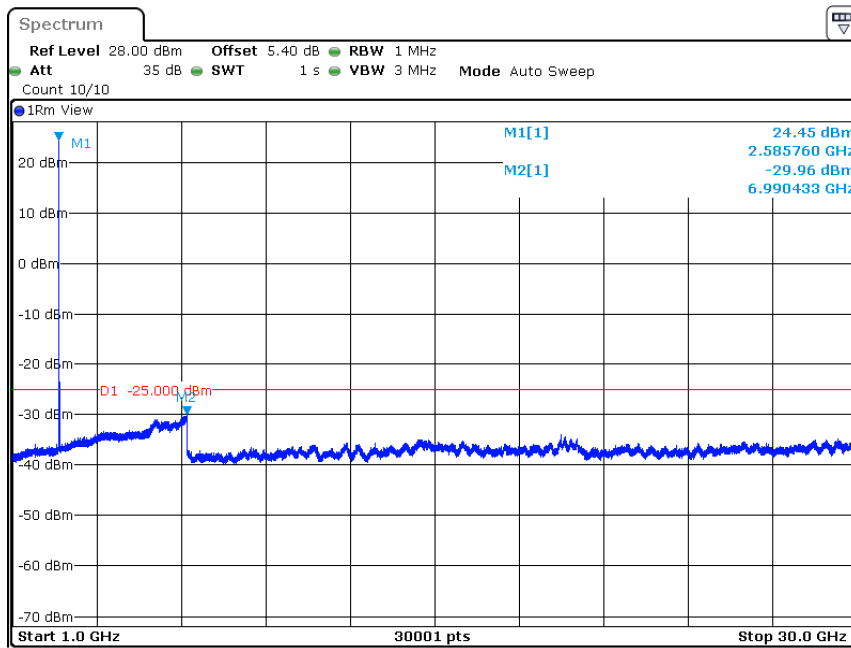
Date: 19.JUL.2020 09:03:03



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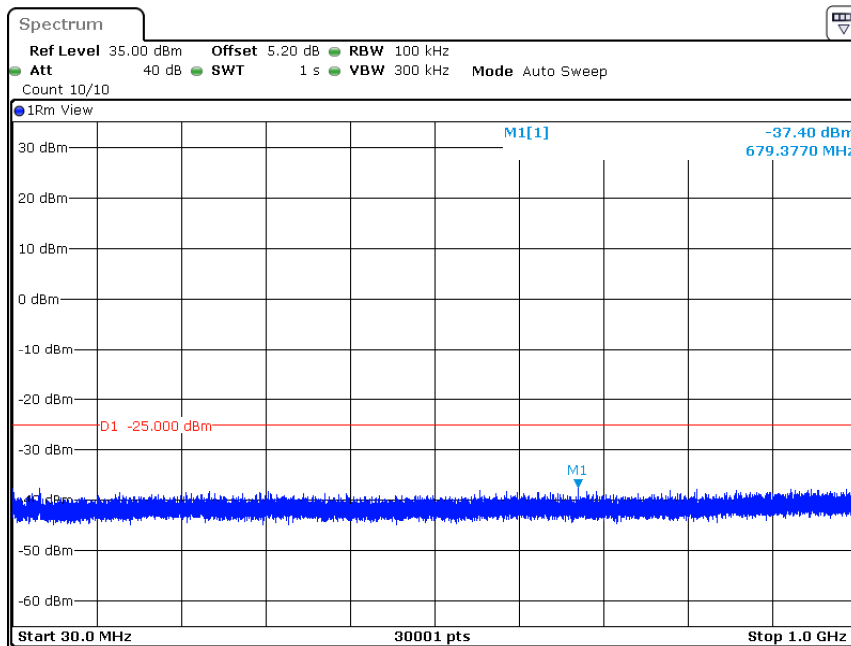
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**Band41-20MHz-64QAM-40640-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 09:03:19

**Band41-20MHz-64QAM-41140-1RB#0-Range1:30~1000MHz**

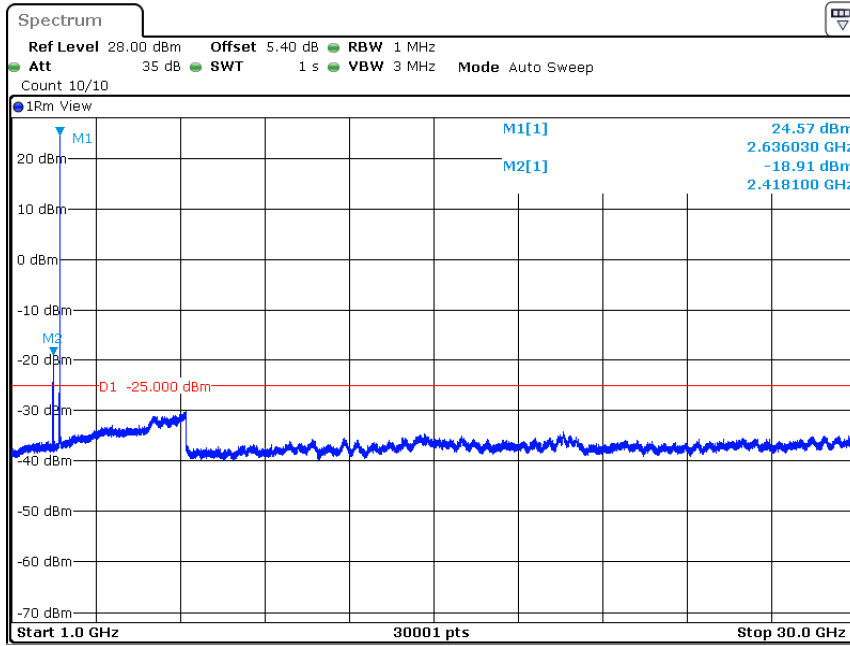


Date: 19.JUL.2020 09:03:38



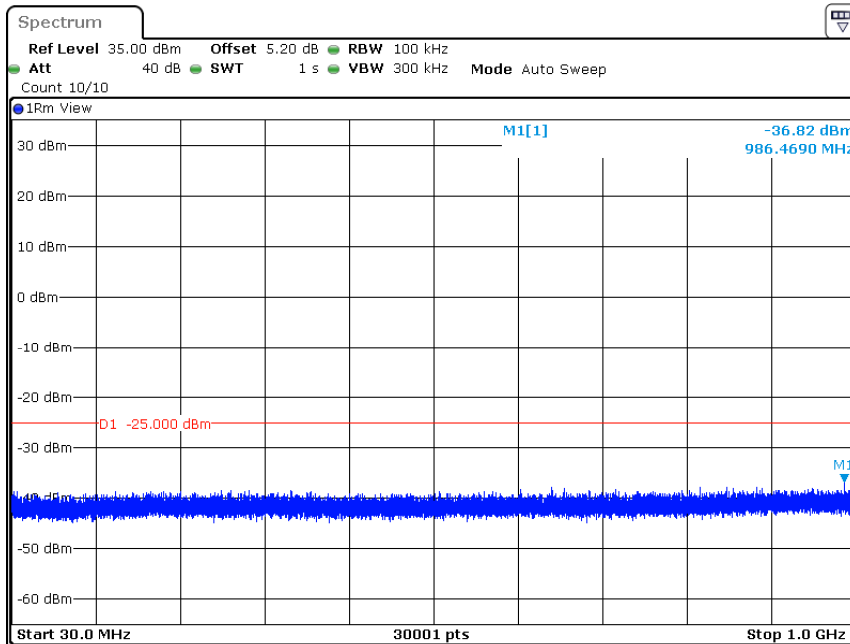
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**Band41-20MHz-64QAM-41140-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 09:03:54

**Band41-20MHz-16QAM-40140-1RB#0-Range1:30~1000MHz**



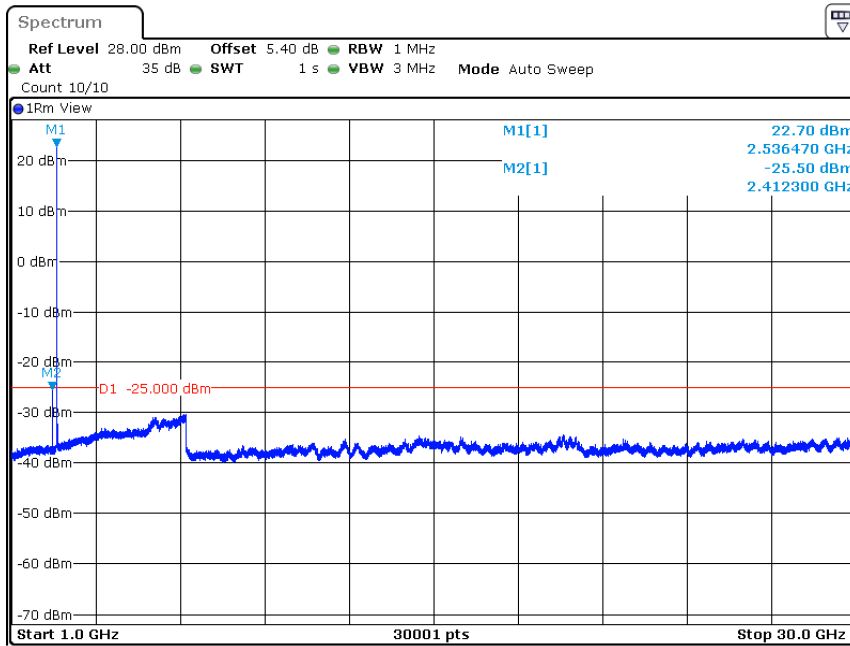
Date: 19.JUL.2020 08:31:29



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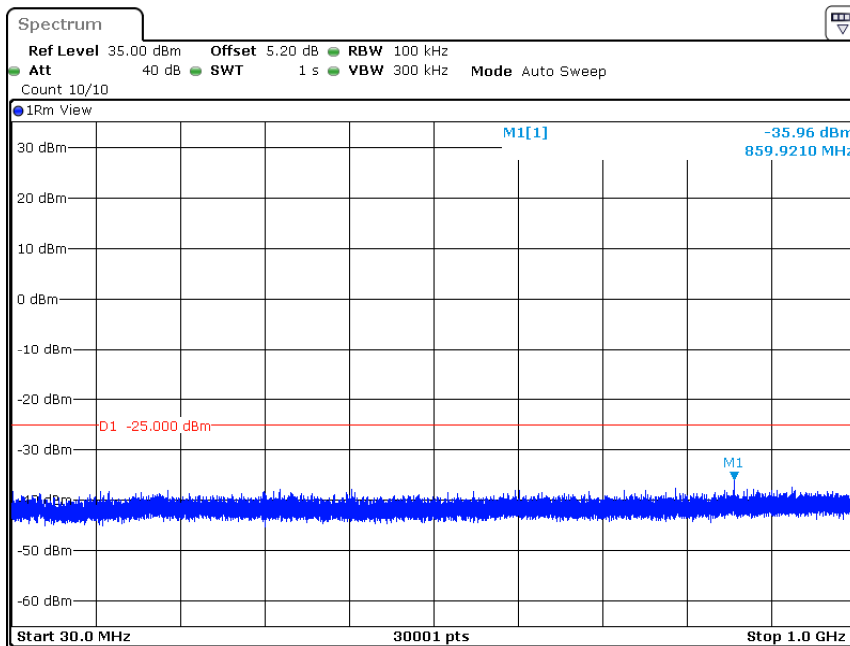
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**Band41-20MHz-16QAM-40140-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 08:31:45

**Band41-20MHz-16QAM-40640-1RB#0-Range1:30~1000MHz**



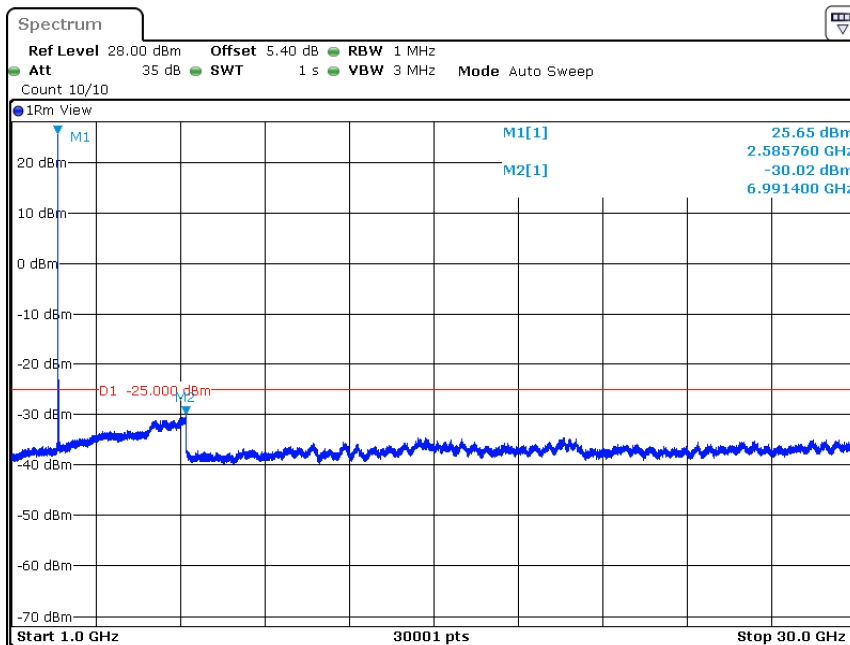
Date: 19.JUL.2020 08:32:39



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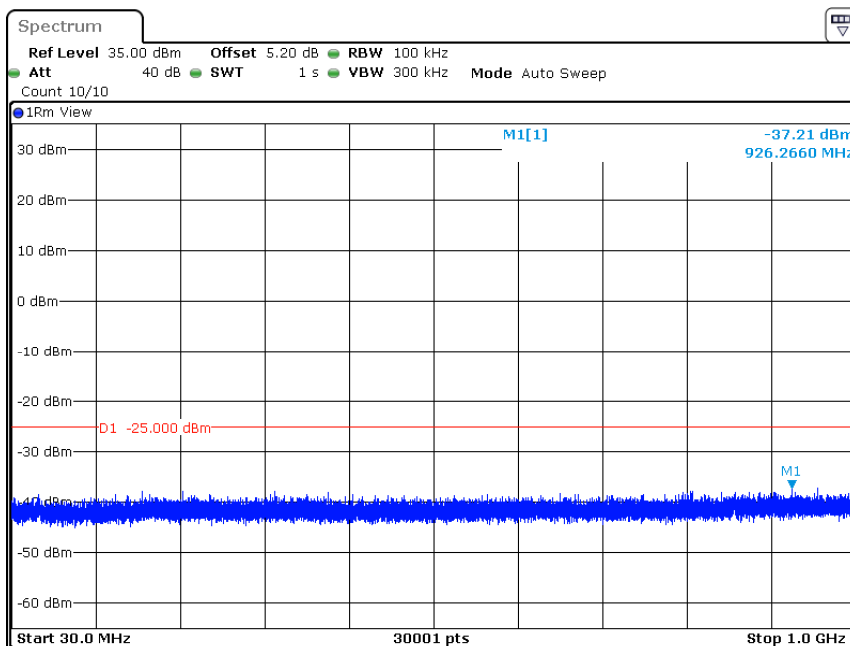
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**Band41-20MHz-16QAM-40640-1RB#0-Range2:1000~30000MHz**



Date: 19.JUL.2020 08:32:56

**Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1000MHz**



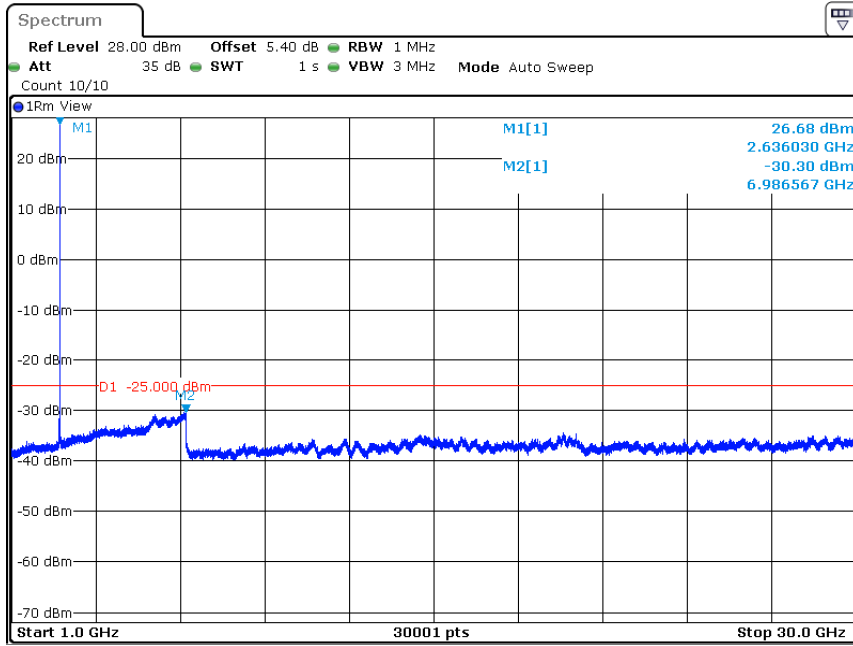
Date: 19.JUL.2020 08:33:50



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Band41-20MHz-16QAM-41140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 08:34:06



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## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 20MHz

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.2184	-72.82	-25.00	47.82	Vertical
105.8578	-65.08	-25.00	40.08	Vertical
615.4728	-64.15	-25.00	39.15	Vertical
1785.7572	-43.97	-25.00	18.97	Vertical
7368.6456	-54.67	-25.00	29.67	Vertical
17997.4999	-38.57	-25.00	13.57	Vertical
44.0172	-64.51	-25.00	39.51	Horizontal
245.5448	-68.42	-25.00	43.42	Horizontal
648.7454	-63.47	-25.00	38.47	Horizontal
1803.3607	-43.21	-25.00	18.21	Horizontal
7349.6450	-55.18	-25.00	30.18	Horizontal
16404.9468	-42.21	-25.00	17.21	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.5579	-72.93	-25.00	47.93	Vertical
110.2230	-65.30	-25.00	40.30	Vertical
612.1746	-64.56	-25.00	39.56	Vertical
1749.7500	-42.11	-25.00	17.11	Vertical
7342.6448	-54.86	-25.00	29.86	Vertical
17996.9999	-38.49	-25.00	13.49	Vertical
44.3082	-64.60	-25.00	39.60	Horizontal
249.4735	-68.81	-25.00	43.81	Horizontal
661.6471	-64.10	-25.00	39.10	Horizontal
1774.5549	-43.74	-25.00	18.74	Horizontal
8464.6822	-54.83	-25.00	29.83	Horizontal
16401.4467	-42.58	-25.00	17.58	Horizontal



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**7.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
51.7291	-72.88	-25.00	47.88	Vertical
113.9092	-64.77	-25.00	39.77	Vertical
569.7835	-64.52	-25.00	39.52	Vertical
1584.9170	-44.92	-25.00	19.92	Vertical
7479.6493	-55.01	-25.00	30.01	Vertical
17995.9999	-38.18	-25.00	13.18	Vertical
44.9387	-63.84	-25.00	38.84	Horizontal
232.1581	-68.81	-25.00	43.81	Horizontal
607.9549	-63.30	-25.00	38.30	Horizontal
1798.9598	-43.34	-25.00	18.34	Horizontal
7478.1493	-54.92	-25.00	29.92	Horizontal
16401.4467	-42.20	-25.00	17.20	Horizontal

Remark:

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



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

BAND	Band width	Modulation	Channel	RB Configure	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
					[Vdc]					
Band41	20MHz	QPSK	39790	100RB#0	VL	NT	6.52	0.002602	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	VN	NT	-13.84	-0.005524	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	VH	NT	12.99	0.005185	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	2.50	0.000966	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-0.70	-0.000269	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	11.81	0.004553	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-8.57	-0.003197	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-13.71	-0.005117	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	3.06	0.001142	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VL	NT	-4.09	-0.001632	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VN	NT	5.65	0.002255	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VH	NT	11.80	0.004710	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VL	NT	10.47	0.004037	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VN	NT	-7.67	-0.002958	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VH	NT	-0.81	-0.000314	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	10.80	0.004028	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-10.98	-0.004098	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-2.42	-0.000904	±2.5	PASS



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## 8.2. Frequency Vs Temperature

BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
					[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	
Band41	20MHz	QPSK	39790	100RB#0	NV	-30	-2.46	-0.000982	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	-20	13.52	0.005395	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	0	-14.52	-0.005794	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	10	-7.81	-0.003117	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	20	-5.32	-0.002123	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	30	-2.48	-0.000989	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	40	-0.31	-0.000124	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	50	-2.67	-0.001066	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	12.63	0.004871	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	0.61	0.000234	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	-2.96	-0.001141	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-4.61	-0.001779	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	6.99	0.002695	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	12.58	0.004850	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	9.18	0.003542	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-0.25	-0.000095	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-12.67	-0.004728	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	8.36	0.003120	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	4.31	0.001606	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-0.19	-0.000070	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-5.37	-0.002005	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-4.84	-0.001806	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	11.59	0.004324	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	5.16	0.001927	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	-30	12.38	0.004941	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	-20	14.11	0.005632	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	0	1.37	0.000546	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	10	14.50	0.005788	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	20	-11.12	-0.004439	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	30	-8.85	-0.003533	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	40	-8.18	-0.003263	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	50	6.00	0.002393	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-30	-2.47	-0.000953	±2.5	PASS



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Band41	20MHz	16QAM	40640	100RB#0	NV	0	-9.06	-0.003496	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	10	7.65	0.002951	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	20	4.22	0.001628	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	30	-12.61	-0.004863	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	40	-0.80	-0.000307	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	50	13.04	0.005027	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	6.65	0.002481	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	13.43	0.005012	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-10.06	-0.003752	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-7.51	-0.002802	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-10.20	-0.003806	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	13.75	0.005132	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	12.61	0.004707	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	4.19	0.001562	±2.5	PASS



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