



# Appendix B

## E-UTRA Band 41



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**CONTENT**

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

1.1. TEST RESULT (UP ANTENNA)..... 4

1.2. TEST RESULT (DOWN ANTENNA)..... 12

**2. PEAK-TO-AVERAGE RATIO (CCDF).....20**

2.1. TEST RESULT..... 20

2.2. TEST PLOTS..... 20

**3. MODULATION CHARACTERISTICS..... 25**

3.1. TEST MODE = LTE /TM1 20MHZ..... 25

3.1.1. TEST CHANNEL = MCH..... 25

3.2. TEST MODE = LTE /TM2 20MHZ..... 26

3.2.1. TEST CHANNEL = MCH..... 26

3.3. TEST MODE = LTE /TM3 20MHZ..... 27

3.3.1. TEST CHANNEL = MCH..... 27

**4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH..... 28**

4.1. TEST RESULT..... 28

4.2. TEST PLOTS..... 29

**5. BAND EDGE COMPLIANCE.....47**

5.1. TEST PLOTS..... 47

**6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....71**

6.1. TEST PLOTS..... 71

**7. FIELD STRENGTH OF SPURIOUS RADIATION..... 80**

7.1. TEST MODE =LTE/TM1 20MHZ(DOWN ANTENNA)..... 80

7.1.1. TEST CHANNEL = LCH..... 80

7.1.2. TEST CHANNEL = MCH..... 80

7.1.3. TEST CHANNEL = HCH..... 81

7.2. TEST MODE =LTE/TM1 20MHZ(UP ANTENNA)..... 81

7.2.1. TEST CHANNEL = LCH..... 81

7.2.2. TEST CHANNEL = MCH..... 82

7.2.3. TEST CHANNEL = HCH..... 82



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**8. FREQUENCY STABILITY..... 83**

8.1. FREQUENCY VS VOLTAGE..... 83

8.2. FREQUENCY VS TEMPERATURE..... 83



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# 1 Effective (Isotropic) Radiated Power

## 1.1. Test Result (Up Antenna)

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.82	25.12	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.83	25.13	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.84	25.14	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.92	24.22	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.89	24.19	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.90	24.2	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.92	24.22	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.00	25.3	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.00	25.3	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.07	25.37	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.08	24.38	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.08	24.38	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.17	24.47	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.09	24.39	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.03	25.33	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.04	25.34	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.03	25.33	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.13	24.43	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.08	24.38	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.07	24.37	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.06	24.36	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.65	23.95	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.61	23.91	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.62	23.92	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.43	22.73	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.47	22.77	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.44	22.74	33.00	PASS



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Band41	5MHz	64QAM	39675	25RB#0	20.46	22.76	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.77	24.07	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.85	24.15	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.82	24.12	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.67	22.97	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.61	22.91	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.59	22.89	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.61	22.91	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.94	24.24	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.94	24.24	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.95	24.25	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.69	22.99	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.71	23.01	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.71	23.01	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.69	22.99	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.23	24.53	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.20	24.5	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.16	24.46	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.95	23.25	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.95	23.25	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.98	23.28	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.86	23.16	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.37	24.67	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.42	24.72	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.40	24.7	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.17	23.47	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.19	23.49	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.16	23.46	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.06	23.36	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.40	24.7	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.41	24.71	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.41	24.71	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.12	23.42	33.00	PASS



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Band41	5MHz	16QAM	41565	12RB#6	21.13	23.43	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.17	23.47	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.02	23.32	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.86	25.16	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.78	25.08	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.83	25.13	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.91	24.21	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.89	24.19	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.88	24.18	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.90	24.2	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.06	25.36	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.03	25.33	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.99	25.29	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.15	24.45	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.11	24.41	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.12	24.42	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.09	24.39	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.02	25.32	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.03	25.33	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.97	25.27	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.07	24.37	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.02	24.32	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.16	24.46	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.11	24.41	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.66	23.96	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.68	23.98	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.68	23.98	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.48	22.78	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.43	22.73	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.41	22.71	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.45	22.75	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.94	24.24	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.97	24.27	33.00	PASS



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Band41	10MHz	64QAM	40620	1RB#24	21.96	24.26	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.64	22.94	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.64	22.94	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.66	22.96	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.62	22.92	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.02	24.32	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	22.02	24.32	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.06	24.36	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	20.74	23.04	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.70	23	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	20.78	23.08	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.74	23.04	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.23	24.53	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.19	24.49	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.20	24.5	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.86	23.16	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.86	23.16	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.86	23.16	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.95	23.25	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.44	24.74	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.40	24.7	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.40	24.7	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.05	23.35	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.12	23.42	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.10	23.4	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.14	23.44	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.43	24.73	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.38	24.68	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.42	24.72	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.01	23.31	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.07	23.37	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.08	23.38	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.18	23.48	33.00	PASS



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Band41	15MHz	QPSK	39725	1RB#74	22.70	25	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.73	25.03	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.74	25.04	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	21.83	24.13	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	21.87	24.17	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	21.80	24.1	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.90	24.2	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.96	25.26	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.94	25.24	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.97	25.27	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.05	24.35	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.03	24.33	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	22.09	24.39	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.06	24.36	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.94	25.24	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.89	25.19	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.99	25.29	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	22.07	24.37	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	22.03	24.33	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	22.07	24.37	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.06	24.36	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.40	23.7	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.42	23.72	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.45	23.75	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	20.28	22.58	33.00	FAIL
Band41	15MHz	64QAM	39725	36RB#18	20.37	22.67	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.34	22.64	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.40	22.7	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.73	24.03	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.85	24.15	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.74	24.04	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	20.57	22.87	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	20.59	22.89	33.00	PASS



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Band41	15MHz	64QAM	40620	36RB#18	20.54	22.84	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.56	22.86	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.98	24.28	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.82	24.12	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.89	24.19	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.56	22.86	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.60	22.9	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.64	22.94	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.67	22.97	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.00	24.3	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.08	24.38	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.06	24.36	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	20.81	23.11	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	20.88	23.18	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	20.91	23.21	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.88	23.18	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.31	24.61	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.43	24.73	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.39	24.69	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.12	23.42	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	21.06	23.36	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.12	23.42	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.05	23.35	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.45	24.75	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.34	24.64	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.32	24.62	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.10	23.4	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.08	23.38	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.11	23.41	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.05	23.35	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.74	25.04	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.69	24.99	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.70	25	33.00	PASS



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Band41	20MHz	QPSK	39750	50RB#25	21.88	24.18	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.83	24.13	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.86	24.16	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.92	24.22	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.97	25.27	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.07	25.37	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.95	25.25	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.08	24.38	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.04	24.34	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.10	24.4	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.05	24.35	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.90	25.2	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.04	25.34	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.95	25.25	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.00	24.3	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.05	24.35	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.07	24.37	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.02	24.32	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.49	23.79	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.39	23.69	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.34	23.64	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.39	22.69	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.37	22.67	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.44	22.74	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.39	22.69	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.80	24.1	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.76	24.06	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.69	23.99	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.64	22.94	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.60	22.9	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.66	22.96	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.54	22.84	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.64	23.94	33.00	PASS



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Band41	20MHz	64QAM	41490	1RB#0	21.98	24.28	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.70	24	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.65	22.95	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.72	23.02	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.74	23.04	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.69	22.99	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.11	24.41	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.11	24.41	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.04	24.34	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.86	23.16	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.95	23.25	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.95	23.25	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.97	23.27	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.48	24.78	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.40	24.7	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.35	24.65	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.12	23.42	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.14	23.44	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.17	23.47	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.08	23.38	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.47	24.77	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.19	24.49	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.28	24.58	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.16	23.46	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.10	23.4	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.10	23.4	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.10	23.4	33.00	PASS



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### 1.2. Test Result (Down Antenna)

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.30	23.5	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.38	23.58	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.25	23.45	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.40	22.6	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.42	22.62	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.38	22.58	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.46	22.66	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.34	23.54	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.36	23.56	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.27	23.47	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.37	22.57	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.41	22.61	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.43	22.63	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.35	22.55	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.31	23.51	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.40	23.6	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.26	23.46	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.39	22.59	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.42	22.62	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.40	22.6	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.35	22.55	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	20.56	21.76	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	20.50	21.7	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	20.60	21.8	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	19.41	20.61	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	19.43	20.63	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	19.41	20.61	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	19.49	20.69	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	20.38	21.58	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	20.51	21.71	33.00	PASS



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Band41	5MHz	64QAM	40620	1RB#24	20.58	21.78	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	19.36	20.56	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	19.39	20.59	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	19.35	20.55	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	19.37	20.57	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	20.59	21.79	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	20.56	21.76	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	20.52	21.72	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	19.40	20.6	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	19.37	20.57	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	19.30	20.5	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	19.45	20.65	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.54	22.74	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.52	22.72	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.57	22.77	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.40	21.6	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.42	21.62	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.38	21.58	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.47	21.67	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.37	22.57	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.55	22.75	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.57	22.77	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.37	21.57	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.37	21.57	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	20.36	21.56	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.36	21.56	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.57	22.77	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.55	22.75	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.56	22.76	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.39	21.59	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.39	21.59	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.33	21.53	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.44	21.64	33.00	PASS



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Band41	10MHz	QPSK	39700	1RB#49	22.38	23.58	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.16	23.36	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.37	23.57	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.43	22.63	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.49	22.69	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.34	22.54	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.36	22.56	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.00	23.2	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.24	23.44	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.06	23.26	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.29	22.49	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.35	22.55	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.39	22.59	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.37	22.57	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.19	23.39	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.29	23.49	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.13	23.33	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.26	22.46	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.35	22.55	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.36	22.56	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.25	22.45	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	20.40	21.6	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	20.48	21.68	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	20.37	21.57	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	19.43	20.63	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	19.47	20.67	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	19.32	20.52	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	19.46	20.66	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	20.30	21.5	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	20.39	21.59	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	20.19	21.39	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	19.35	20.55	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	19.40	20.6	33.00	PASS



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Band41	10MHz	64QAM	40620	25RB#25	19.25	20.45	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	19.27	20.47	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	20.28	21.48	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	20.52	21.72	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	20.17	21.37	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	19.39	20.59	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	19.31	20.51	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	19.27	20.47	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	19.26	20.46	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.44	22.64	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.46	22.66	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.41	22.61	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.41	21.61	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.42	21.62	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.32	21.52	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.41	21.61	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.30	22.5	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.37	22.57	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.14	22.34	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.33	21.53	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.38	21.58	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.29	21.49	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.31	21.51	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.26	22.46	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.51	22.71	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.18	22.38	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.37	21.57	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.28	21.48	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.30	21.5	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.22	21.42	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.59	23.79	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.50	23.7	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.45	23.65	33.00	PASS



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Band41	15MHz	QPSK	39725	36RB#39	21.59	22.79	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	21.66	22.86	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	21.55	22.75	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.55	22.75	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.31	23.51	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.52	23.72	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.39	23.59	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	21.50	22.7	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	21.55	22.75	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	21.56	22.76	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.48	22.68	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.26	23.46	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.57	23.77	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.49	23.69	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	21.46	22.66	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	21.64	22.84	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	21.52	22.72	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.51	22.71	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	20.69	21.89	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	20.62	21.82	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	20.66	21.86	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	19.70	20.9	33.00	FAIL
Band41	15MHz	64QAM	39725	36RB#18	19.53	20.73	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	19.52	20.72	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	19.56	20.76	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	20.41	21.61	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	20.77	21.97	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	20.50	21.7	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	19.49	20.69	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	19.66	20.86	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	19.60	20.8	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	19.59	20.79	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	20.51	21.71	33.00	PASS



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Band41	15MHz	64QAM	41515	1RB#38	20.61	21.81	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	20.69	21.89	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	19.56	20.76	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	19.59	20.79	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	19.51	20.71	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	19.40	20.6	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.64	22.84	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.61	22.81	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.66	22.86	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	20.68	21.88	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	20.56	21.76	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	20.50	21.7	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.60	21.8	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.43	22.63	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.74	22.94	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.45	22.65	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	20.50	21.7	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	20.60	21.8	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	20.56	21.76	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.53	21.73	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.46	22.66	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.58	22.78	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.65	22.85	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	20.51	21.71	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	20.54	21.74	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	20.49	21.69	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.43	21.63	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.64	23.84	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.51	23.71	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.54	23.74	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.50	22.7	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.68	22.88	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.60	22.8	33.00	PASS



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Band41	20MHz	QPSK	39750	100RB#0	21.56	22.76	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.26	23.46	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.54	23.74	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.27	23.47	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.56	22.76	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.58	22.78	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.61	22.81	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.48	22.68	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.23	23.43	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.51	23.71	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.38	23.58	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.39	22.59	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.58	22.78	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.62	22.82	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.54	22.74	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	20.62	21.82	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	20.69	21.89	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	20.56	21.76	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	19.69	20.89	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	19.66	20.86	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	19.65	20.85	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	19.61	20.81	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	20.33	21.53	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	20.68	21.88	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	20.38	21.58	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	19.52	20.72	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	19.74	20.94	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	19.62	20.82	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	19.57	20.77	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	20.32	21.52	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	20.61	21.81	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	20.37	21.57	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	19.56	20.76	33.00	PASS



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Band41	20MHz	64QAM	41490	50RB#50	19.72	20.92	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	19.67	20.87	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	19.59	20.79	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.63	22.83	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.67	22.87	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.60	22.8	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.63	21.83	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.62	21.82	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.67	21.87	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.56	21.76	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.33	22.53	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.66	22.86	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.35	22.55	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.55	21.75	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.69	21.89	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.61	21.81	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.51	21.71	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.33	22.53	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.63	22.83	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.41	22.61	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.50	21.7	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.71	21.91	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.62	21.82	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.62	21.82	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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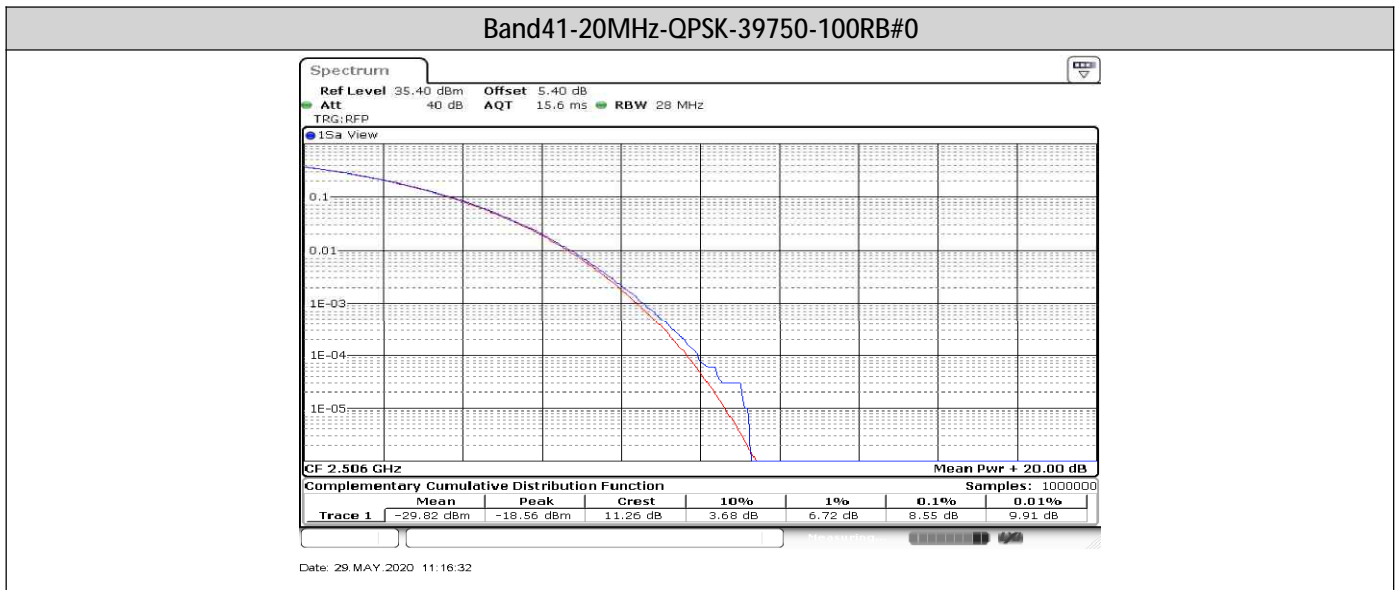


## 2. Peak-to-Average Ratio (CCDF)

### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.55	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.52	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.29	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	7.59	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.80	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.77	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.51	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.33	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.22	13	PASS

### 2.2. Test Plots

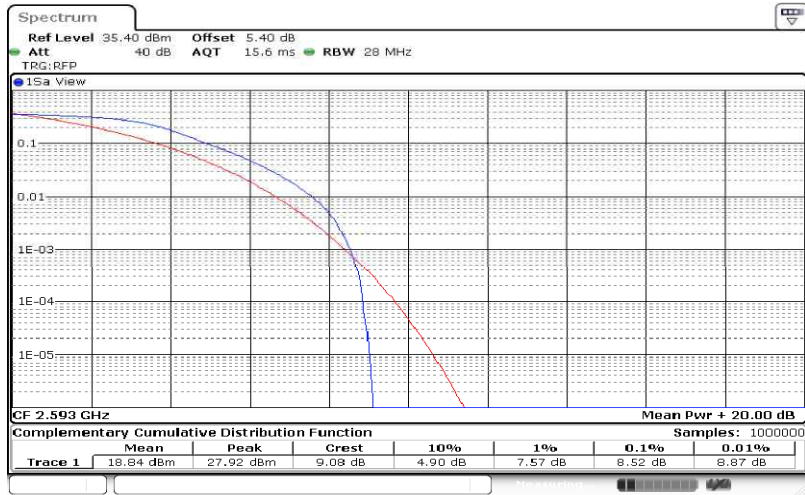


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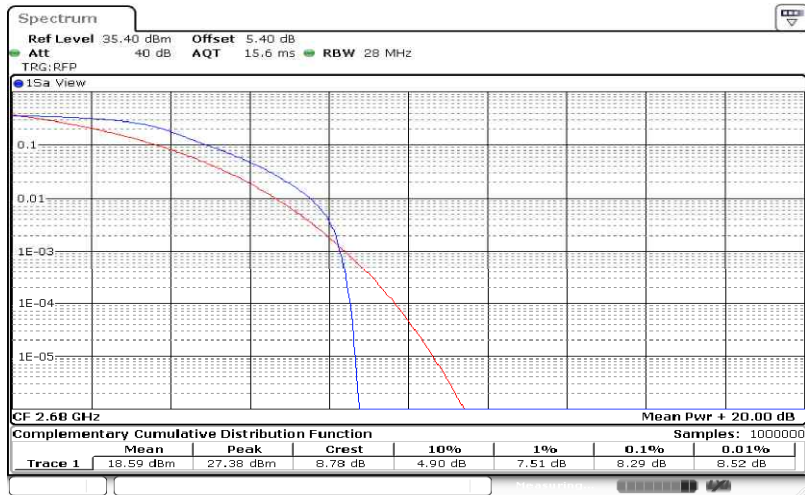


Band41-20MHz-QPSK-40620-100RB#0



Date: 29.MAY.2020 11:16:55

Band41-20MHz-QPSK-41490-100RB#0

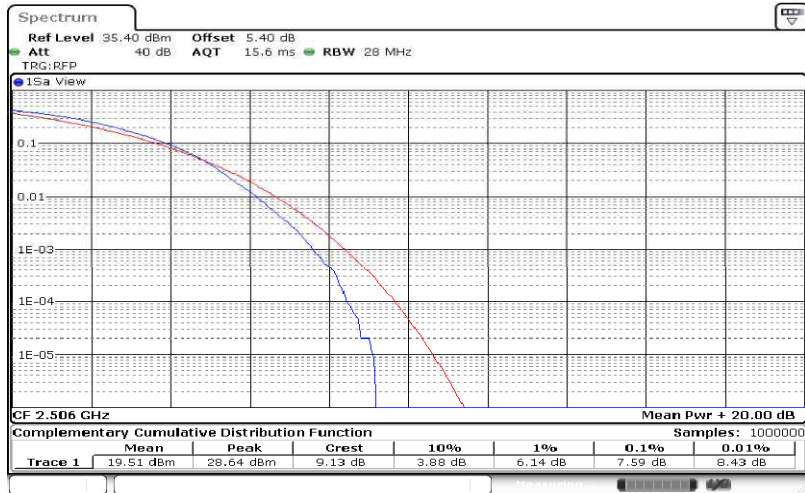


Date: 29.MAY.2020 11:17:18



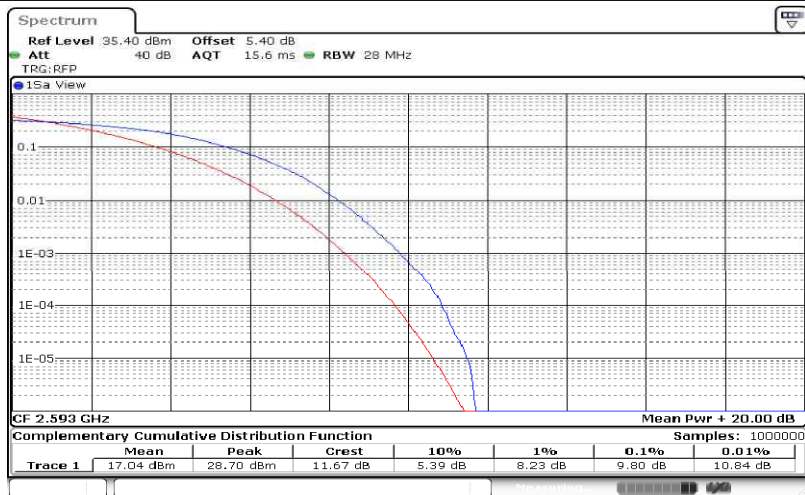
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**Band41-20MHz-64QAM-39750-100RB#0**



Date: 31.MAY.2020 13:41:13

**Band41-20MHz-64QAM-40620-100RB#0**



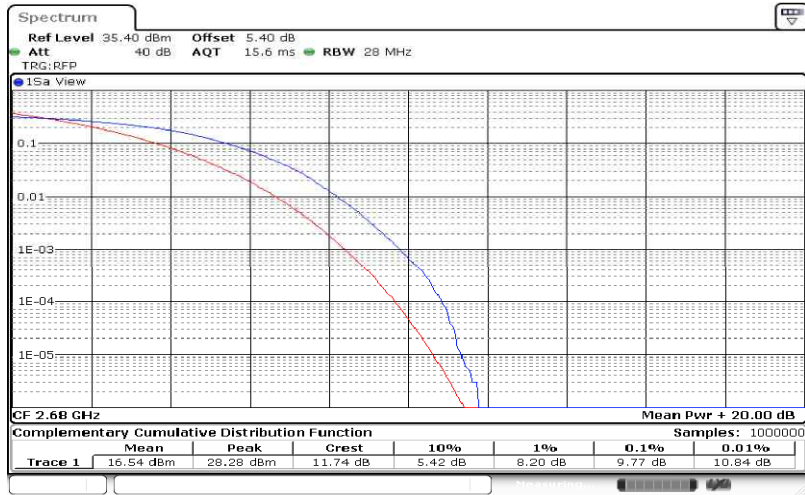
Date: 31.MAY.2020 13:41:25



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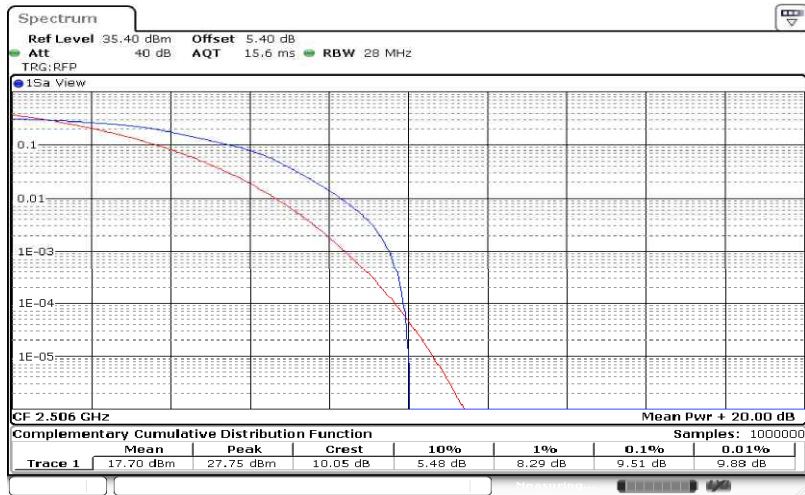


Band41-20MHz-64QAM-41490-100RB#0



Date: 31.MAY.2020 13:41:36

Band41-20MHz-16QAM-39750-100RB#0



Date: 29.MAY.2020 11:16:43

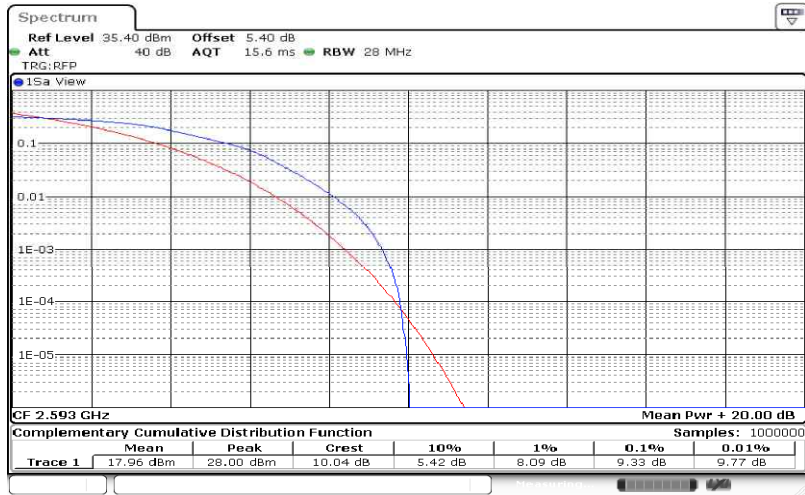


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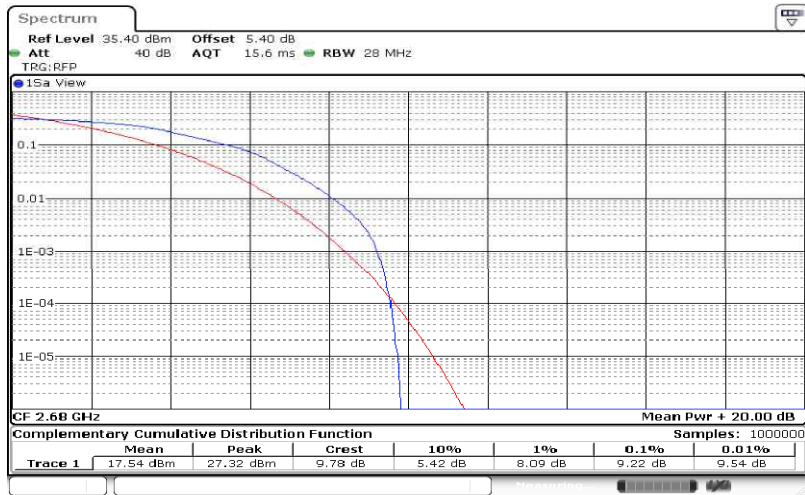


Band41-20MHz-16QAM-40620-100RB#0



Date: 29.MAY.2020 11:17:06

Band41-20MHz-16QAM-41490-100RB#0



Date: 29.MAY.2020 11:17:29



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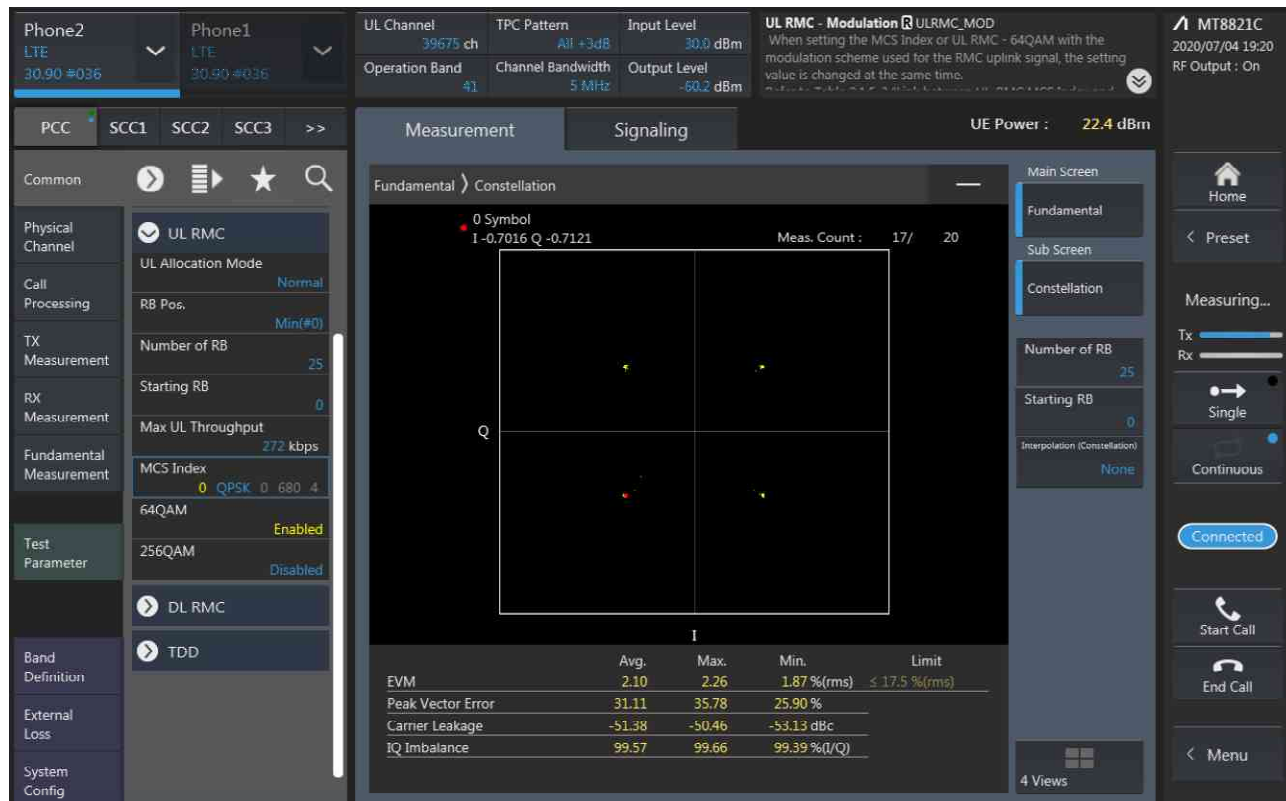




### 3. Modulation Characteristics

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

##### 3.1.1. Test Channel = MCH



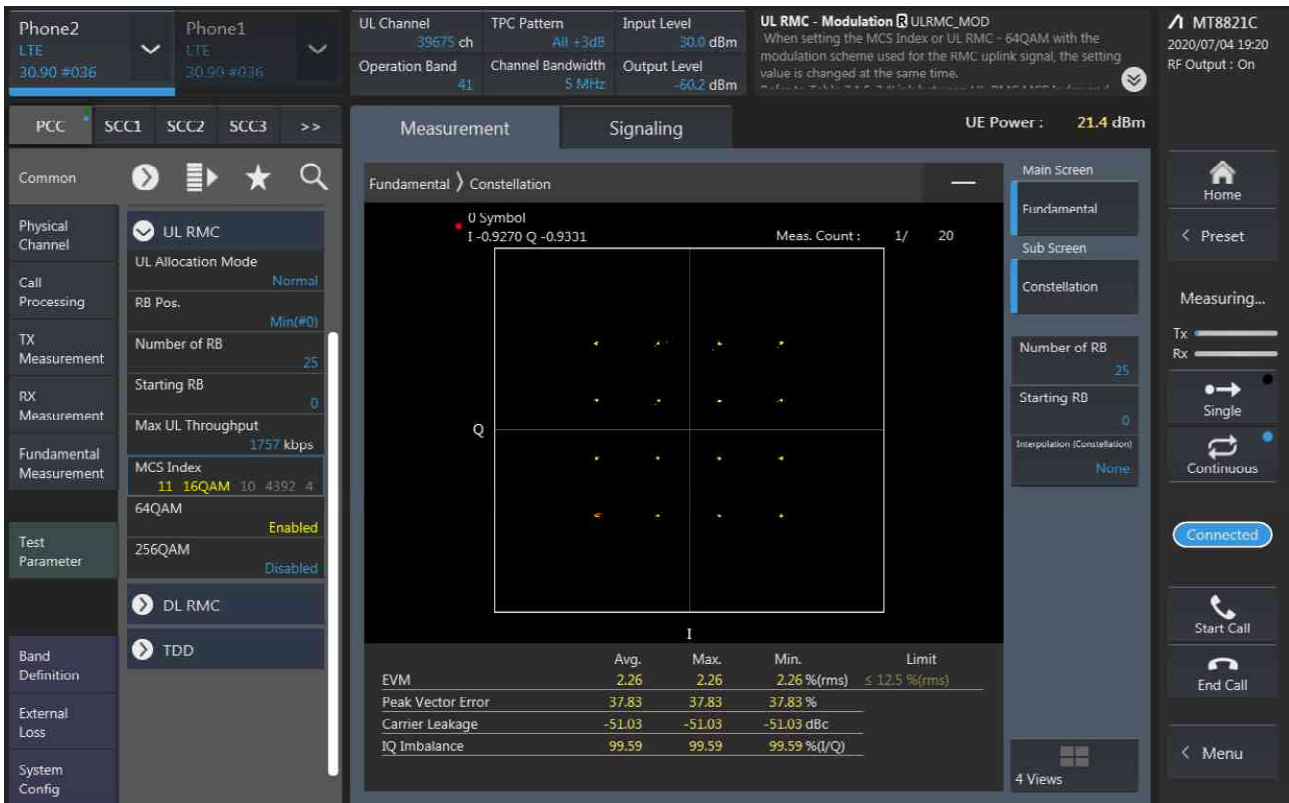
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### 3.2. Test Mode = LTE /TM2 20MHz

#### 3.2.1. Test Channel = MCH



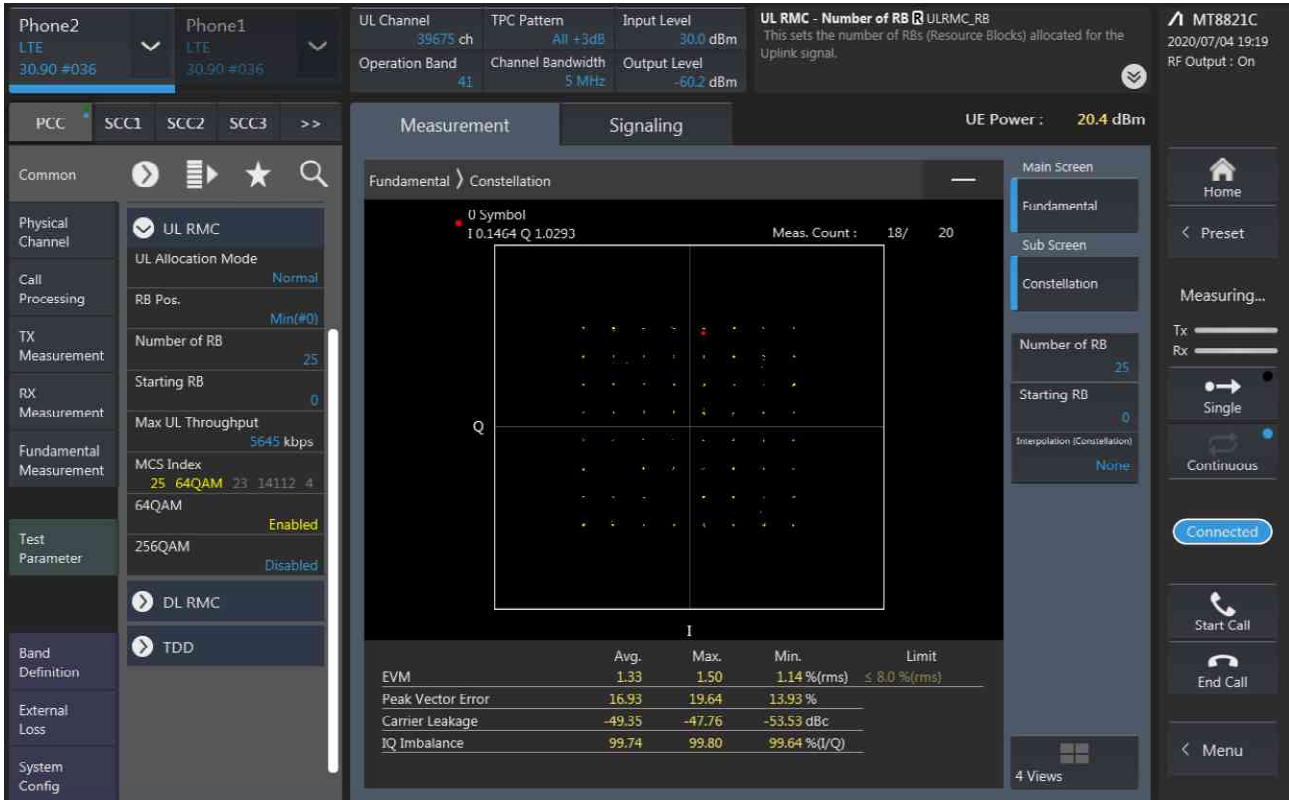
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### 3.3. Test Mode = LTE /TM3 20MHz

#### 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	39675	25RB#0	4.466	4.860	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.466	4.870	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.466	4.890	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.476	4.940	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.486	4.950	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.476	4.940	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.920	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.466	4.880	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.920	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.911	9.660	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.600	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.911	9.660	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.931	9.680	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.931	9.720	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.911	9.680	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.911	9.640	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.911	9.640	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.911	9.620	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.487	14.790	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.487	14.820	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.457	14.820	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.427	14.670	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.427	14.700	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.427	14.700	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.427	14.820	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.427	14.730	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.427	14.730	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.982	18.800	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.862	19.400	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.902	19.440	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.902	19.320	PASS



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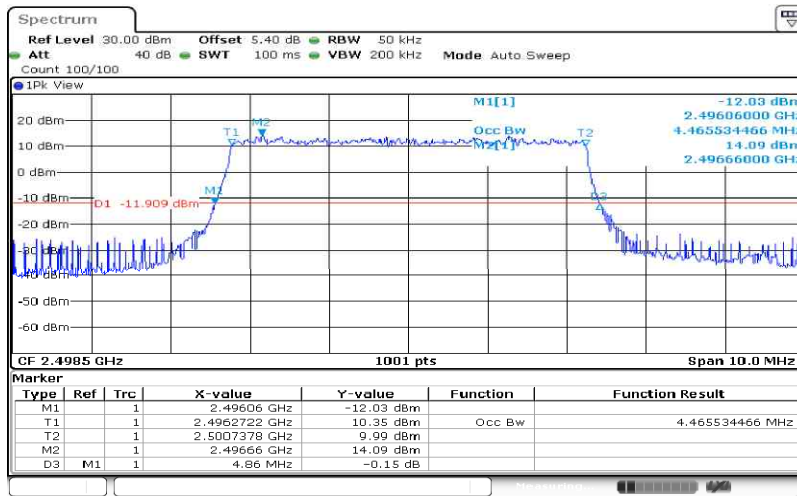
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Band41	20MHz	64QAM	40620	100RB#0	17.862	19.400	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.320	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.902	19.360	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.862	19.240	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.360	PASS

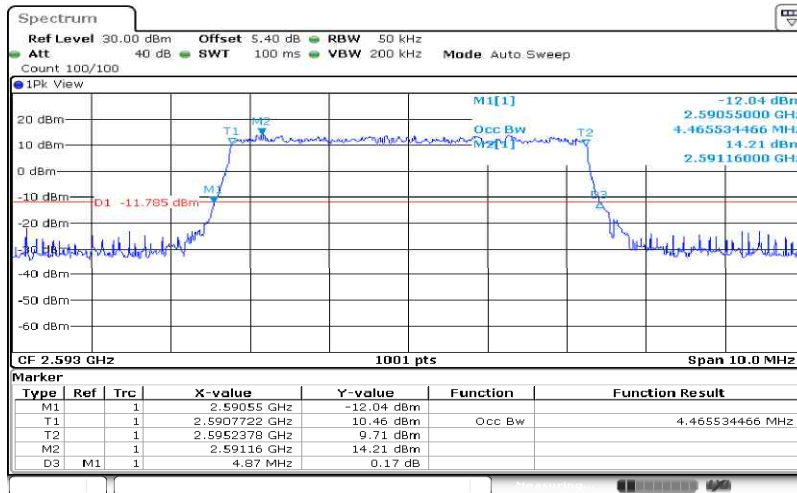
## 4.2. Test Plots

**Band41-5MHz-QPSK-39675-25RB#0-4.466**



Date: 29.MAY.2020 10:54:22

**Band41-5MHz-QPSK-40620-25RB#0-4.466**



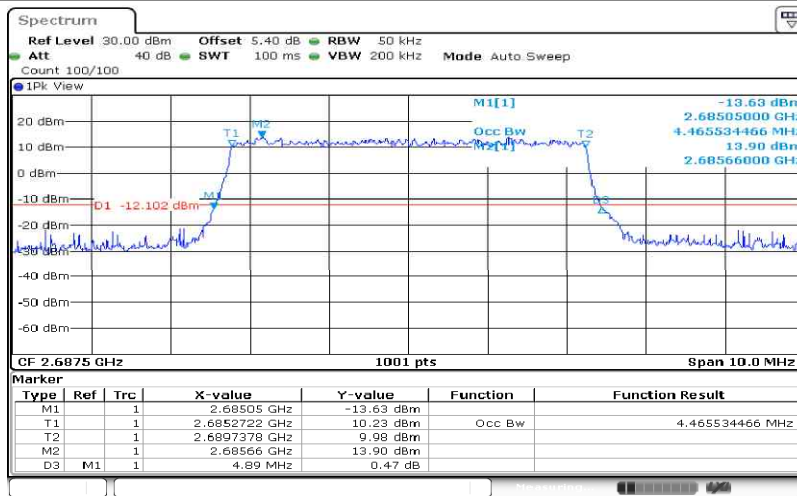
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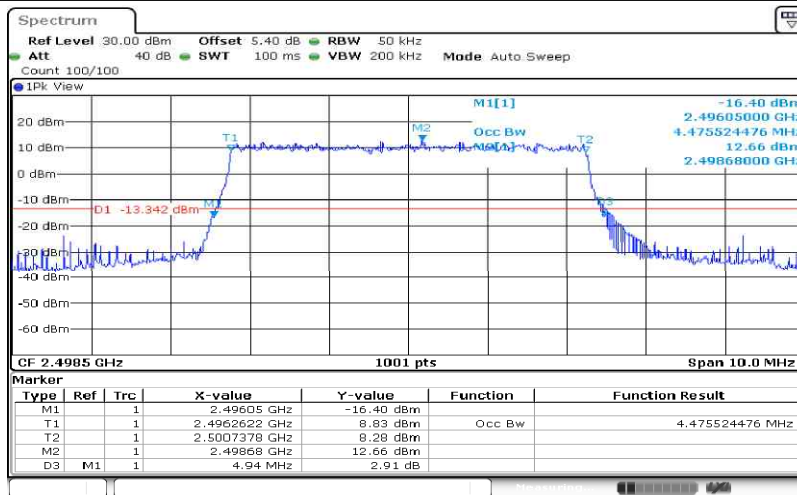
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Band41-5MHz-QPSK-41565-25RB#0-4.466



Band41-5MHz-64QAM-39675-25RB#0-4.476

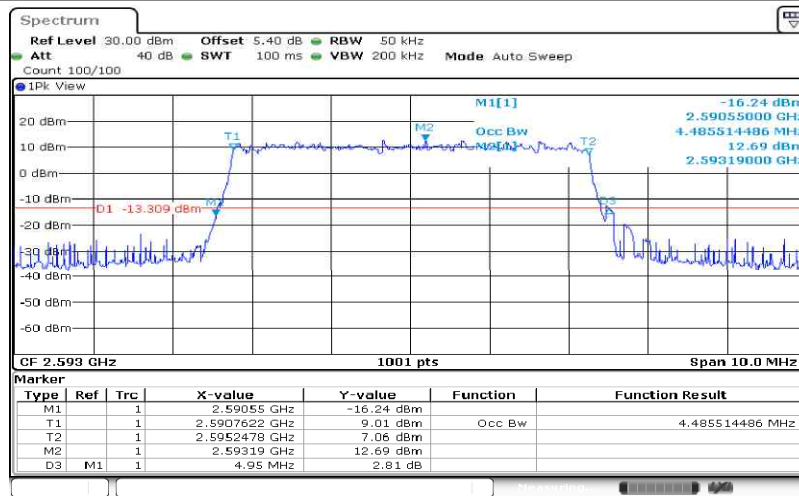


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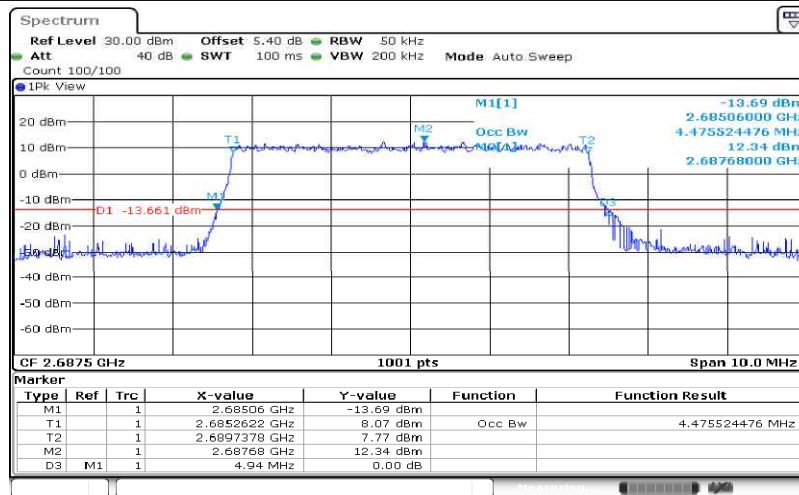


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Date: 31.MAY.2020 13:29:46

Band41-5MHz-64QAM-41565-25RB#0-4.476



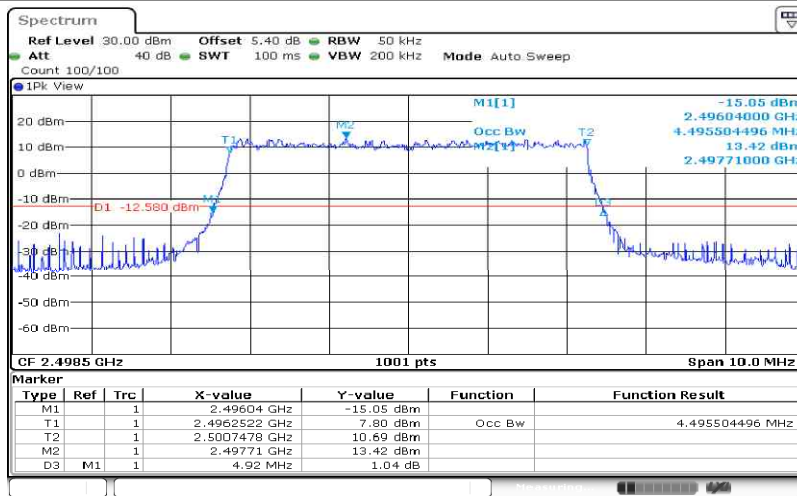
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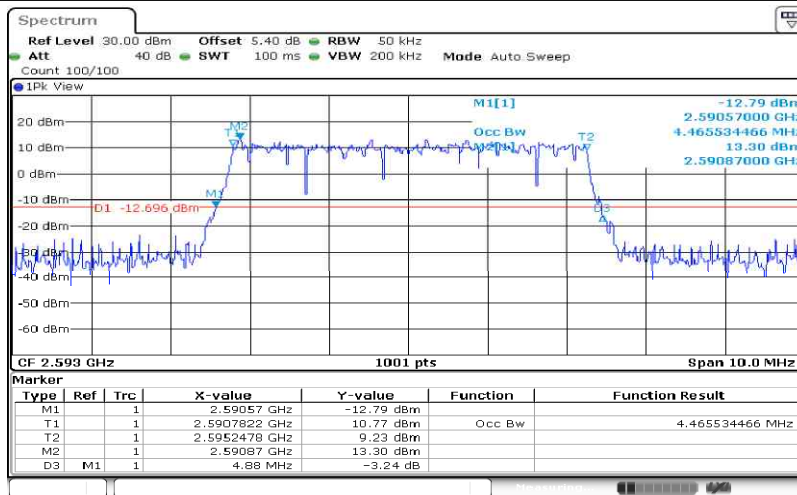


Band41-5MHz-16QAM-39675-25RB#0-4.496



Date: 29.MAY.2020 10:54:42

Band41-5MHz-16QAM-40620-25RB#0-4.466



Date: 29.MAY.2020 10:55:22

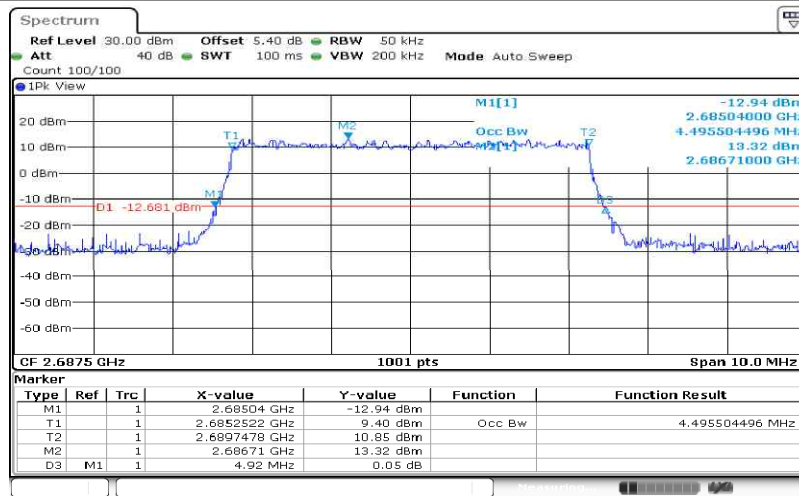


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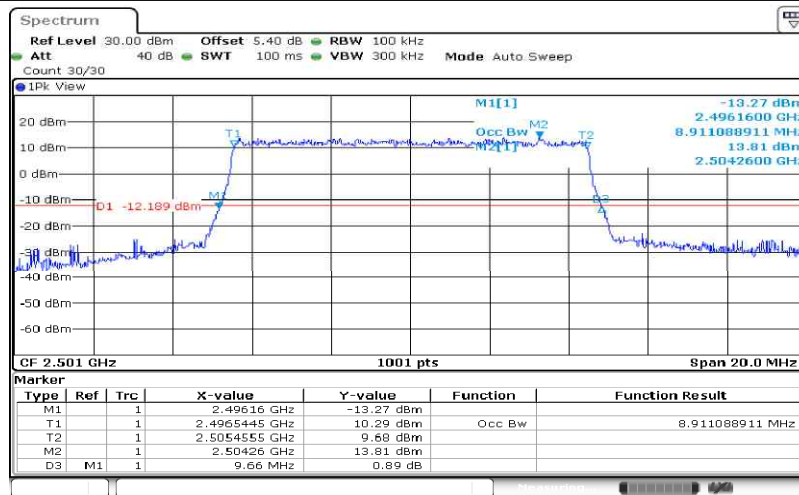


Band41-5MHz-16QAM-41565-25RB#0-4.496



Date: 29.MAY.2020 10:56:01

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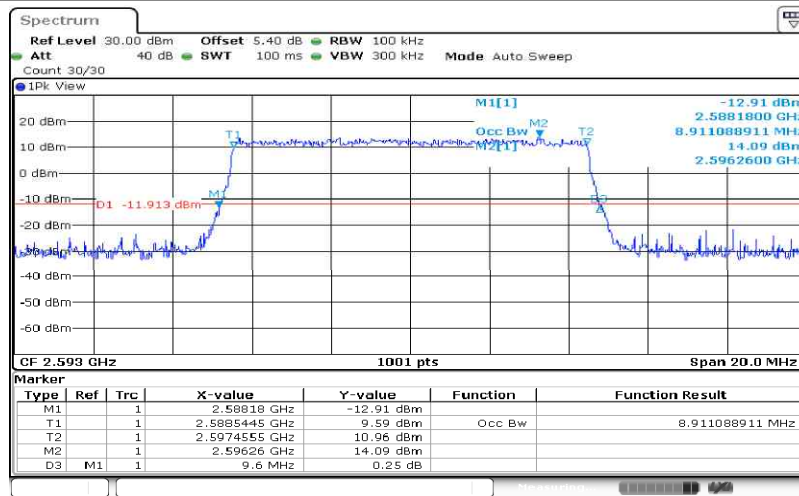
Date: 29.MAY.2020 10:56:19



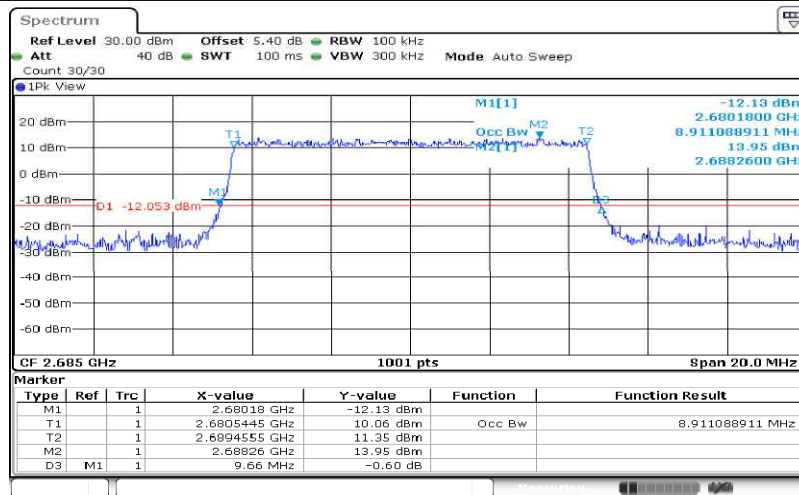
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Band41-10MHz-QPSK-40620-50RB#0-8.911



Band41-10MHz-QPSK-41540-50RB#0-8.911

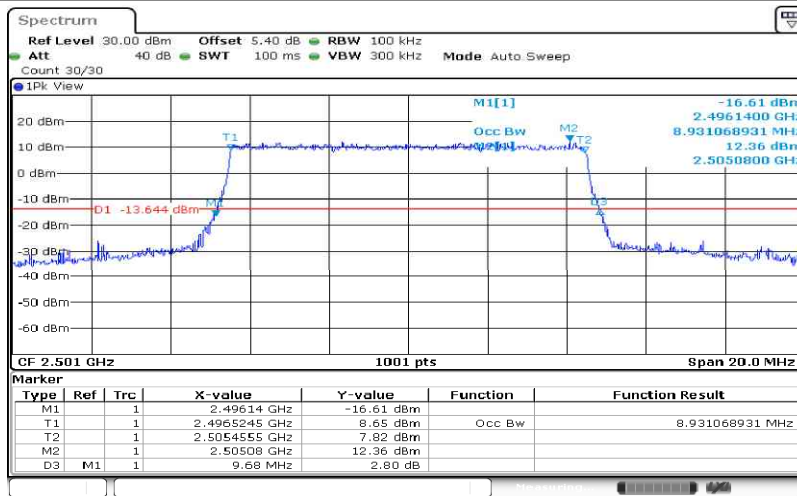


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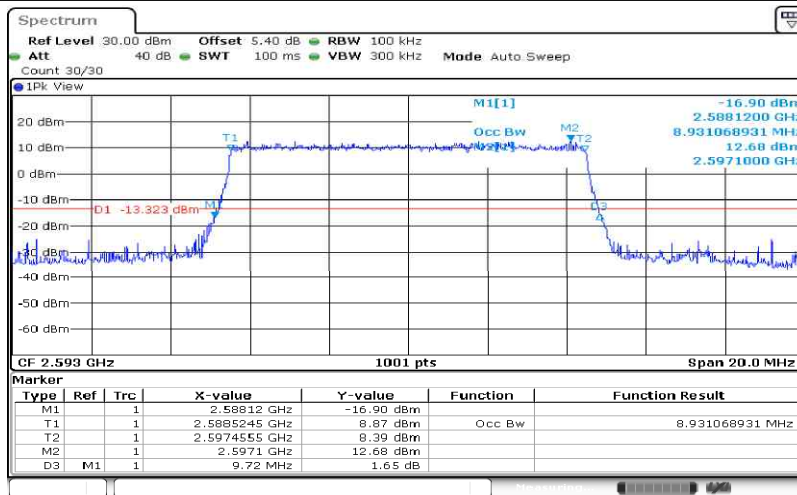


Band41-10MHz-64QAM-39700-50RB#0-8.931



Date: 31.MAY.2020 13:30:24

Band41-10MHz-64QAM-40620-50RB#0-8.931



Date: 31.MAY.2020 13:30:37



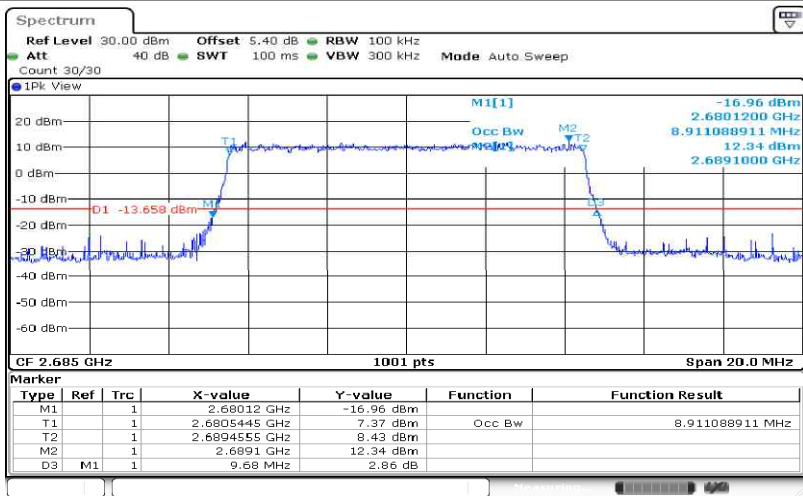
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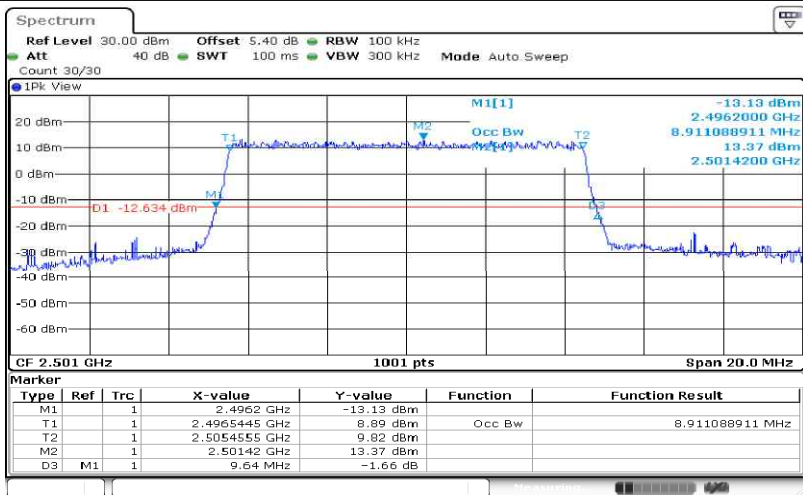


Band41-10MHz-64QAM-41540-50RB#0-8.911



Date: 31.MAY.2020 13:30:50

Band41-10MHz-16QAM-39700-50RB#0-8.911



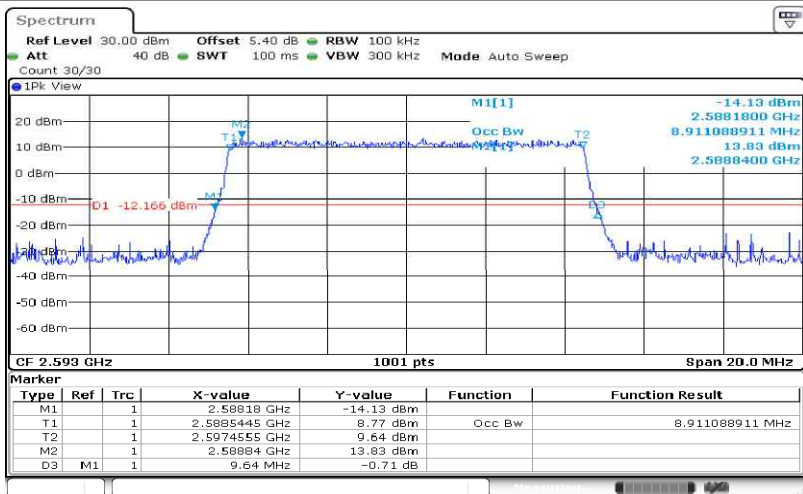
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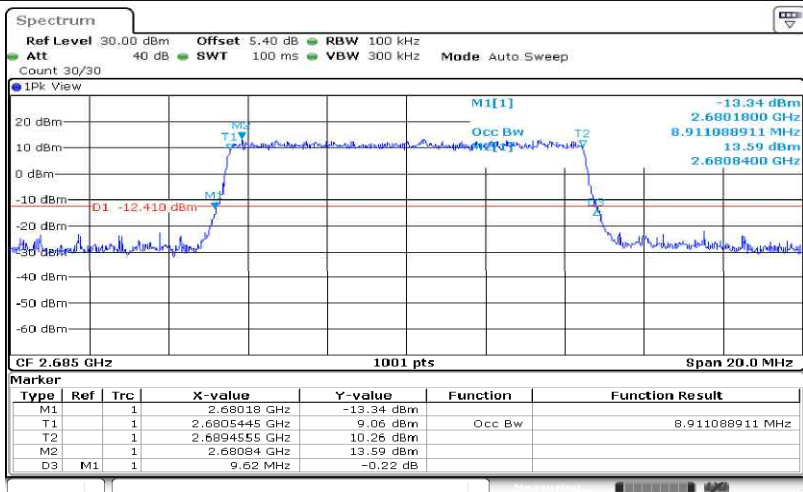
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Band41-10MHz-16QAM-40620-50RB#0-8.911



Band41-10MHz-16QAM-41540-50RB#0-8.911

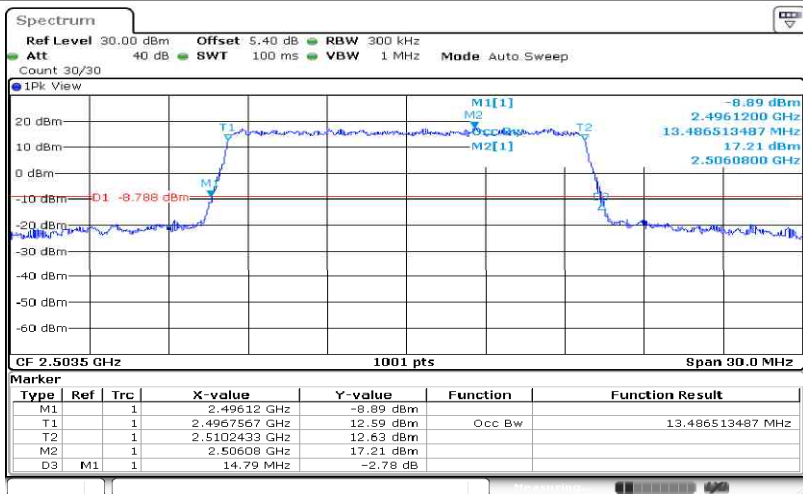


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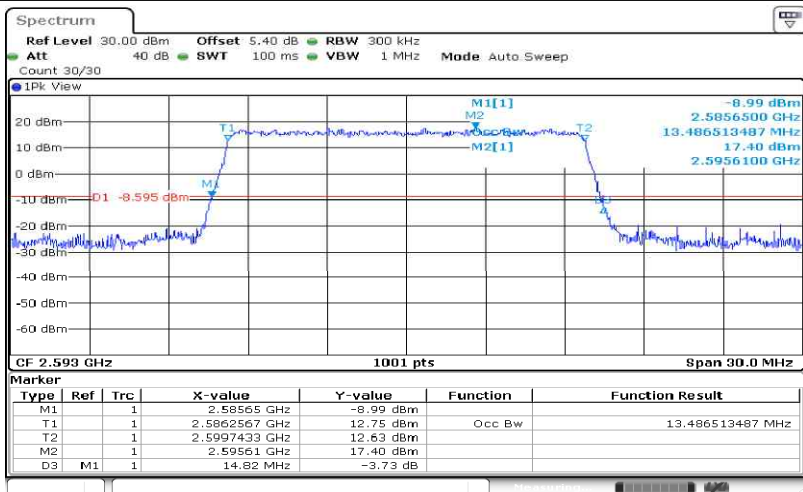


Band41-15MHz-QPSK-39725-75RB#0-13.487



Date: 29.MAY.2020 10:57:40

Band41-15MHz-QPSK-40620-75RB#0-13.487



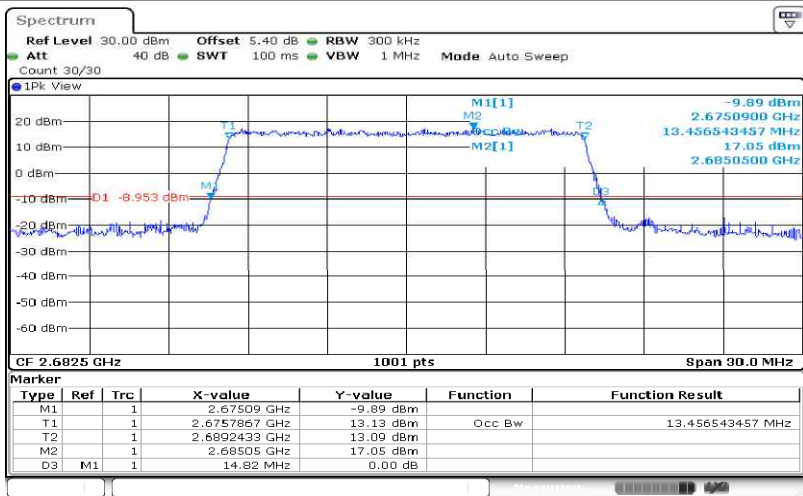
Date: 29.MAY.2020 10:58:06



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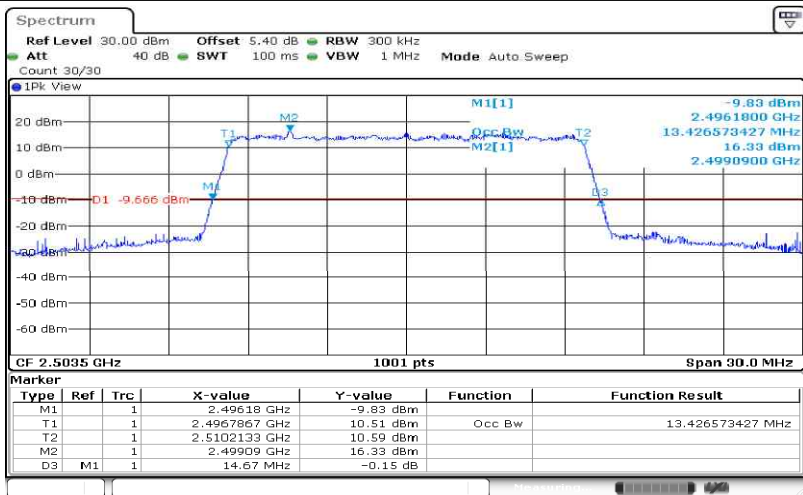


**Band41-15MHz-QPSK-41515-75RB#0-13.457**



Date: 29.MAY.2020 10:58:32

**Band41-15MHz-64QAM-39725-75RB#0-13.427**



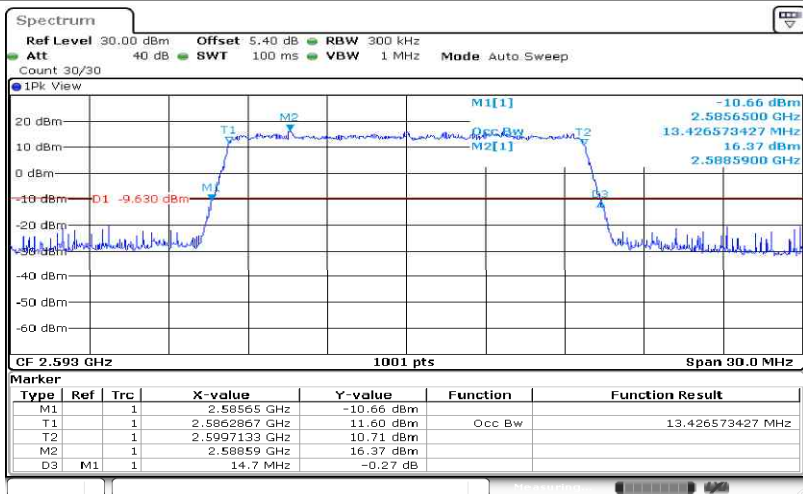
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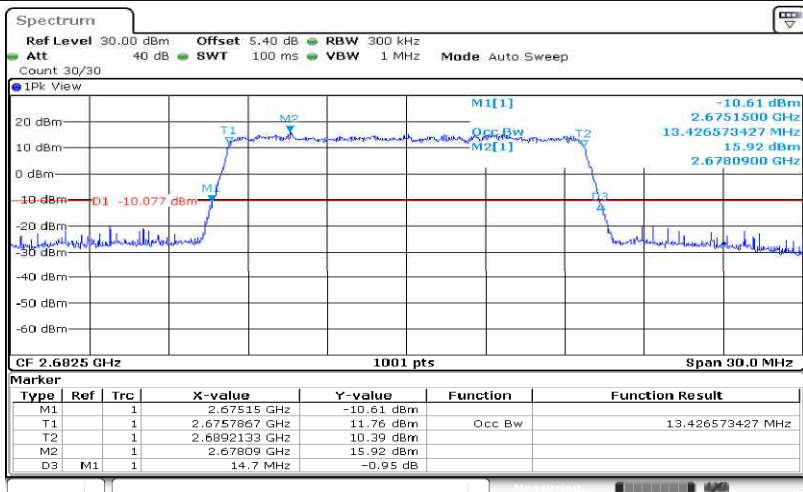


**Band41-15MHz-64QAM-40620-75RB#0-13.427**



Date: 31.MAY.2020 13:31:21

**Band41-15MHz-64QAM-41515-75RB#0-13.427**



Date: 31.MAY.2020 13:31:34



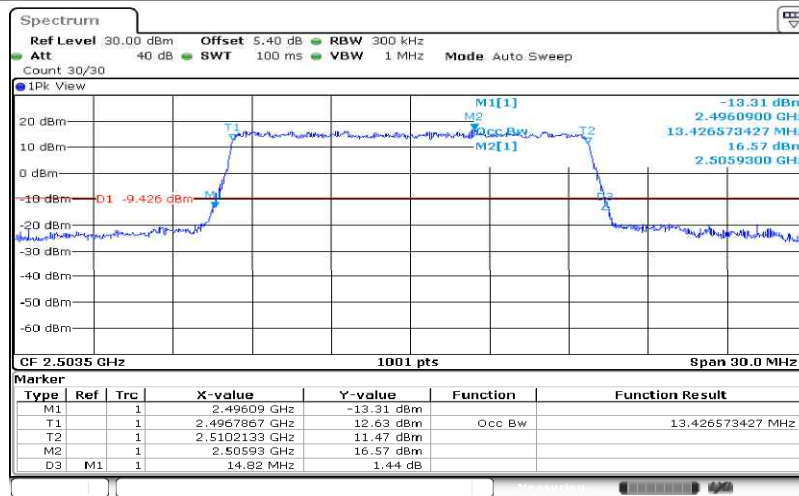
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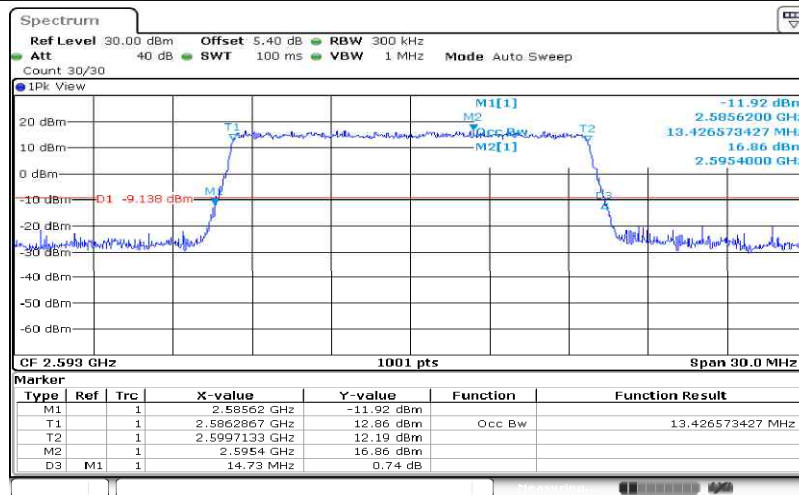


**Band41-15MHz-16QAM-39725-75RB#0-13.427**



Date: 29.MAY.2020 10:57:53

**Band41-15MHz-16QAM-40620-75RB#0-13.427**



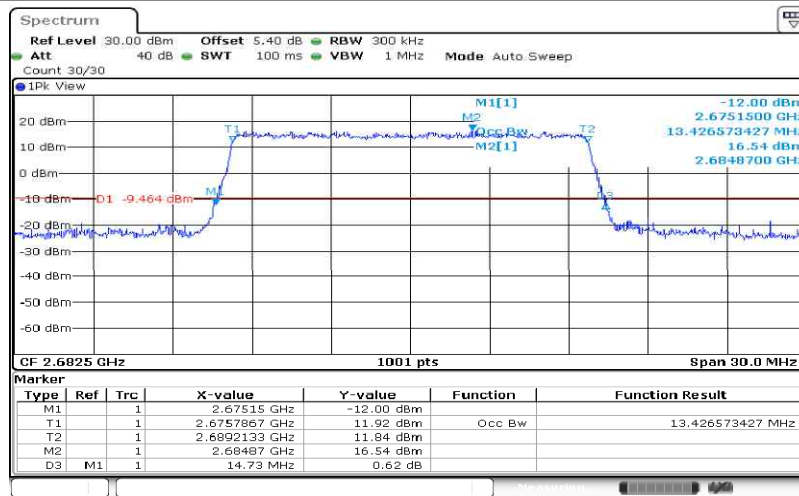
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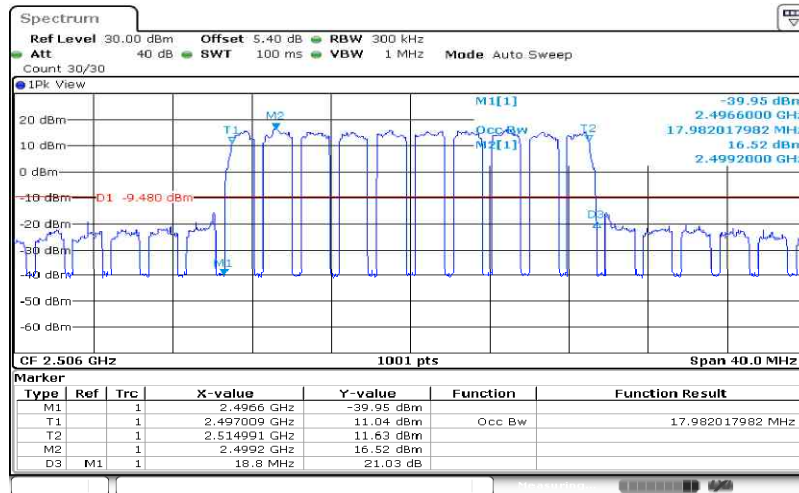


Band41-15MHz-16QAM-41515-75RB#0-13.427



Date: 29.MAY.2020 10:58:44

Band41-20MHz-QPSK-39750-100RB#0-17.982



Date: 29.MAY.2020 10:59:02

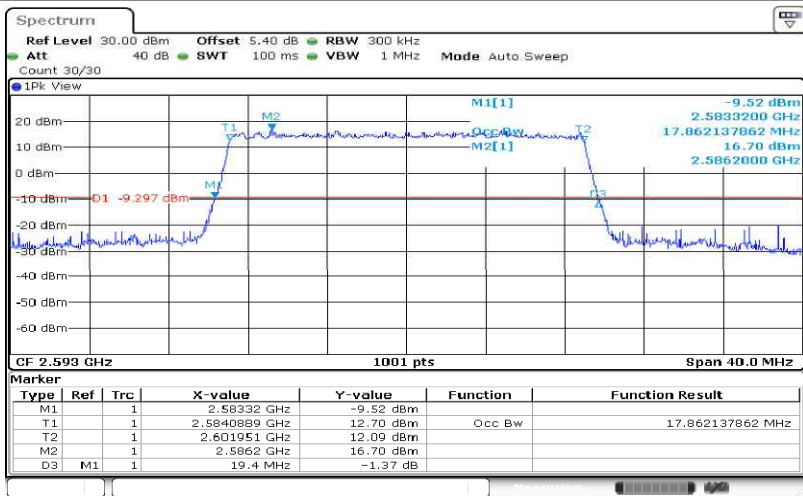


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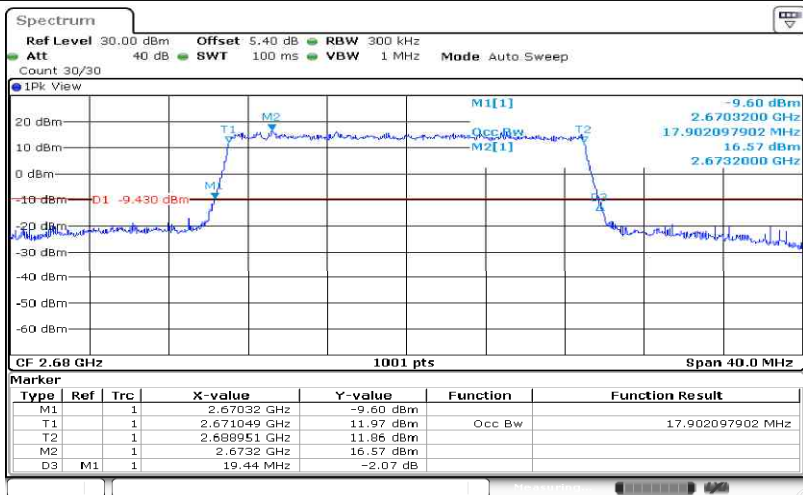
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Band41-20MHz-QPSK-40620-100RB#0-17.862



Band41-20MHz-QPSK-41490-100RB#0-17.902



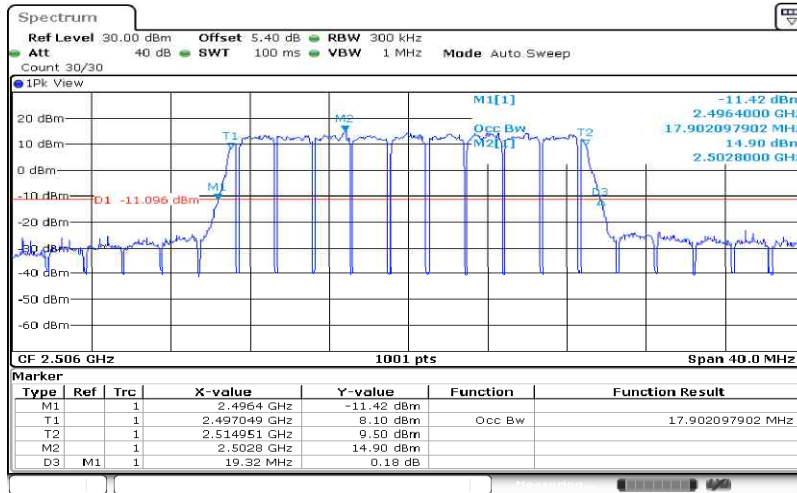
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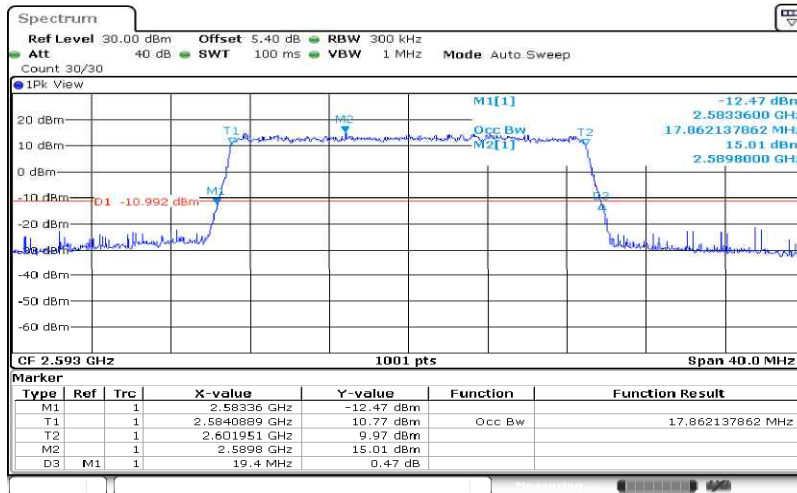


Band41-20MHz-64QAM-39750-100RB#0-17.902



Date: 31.MAY 2020 13:31:52

Band41-20MHz-64QAM-40620-100RB#0-17.862



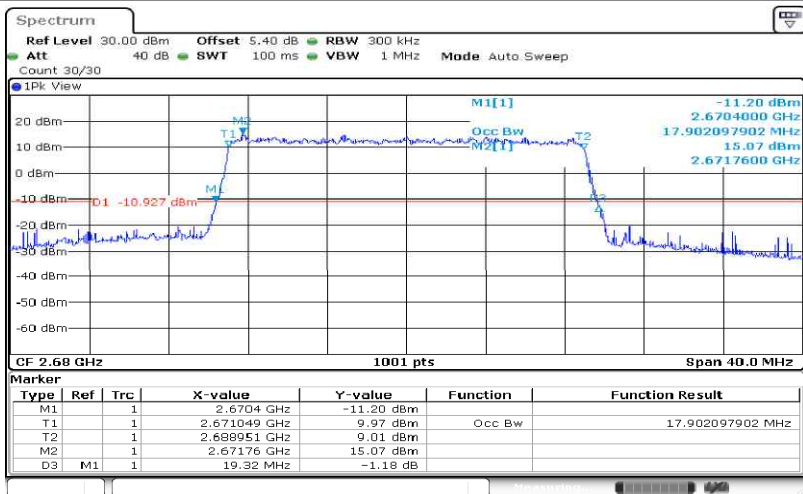
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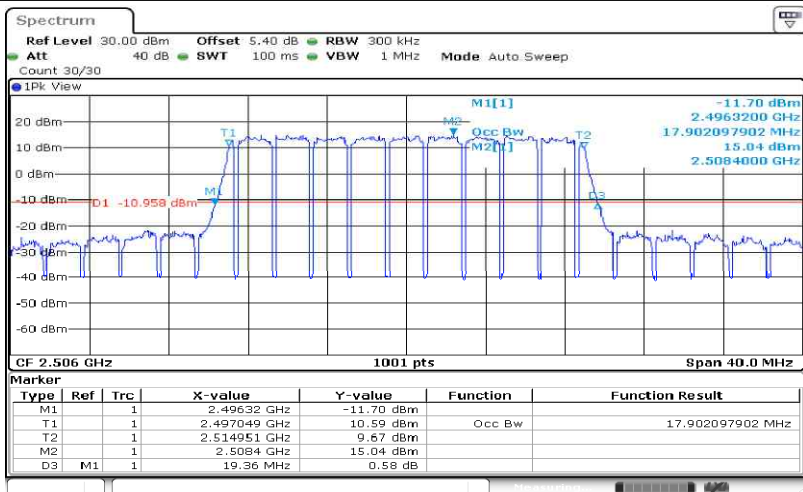


Band41-20MHz-64QAM-41490-100RB#0-17.902



Date: 31.MAY.2020 13:32:18

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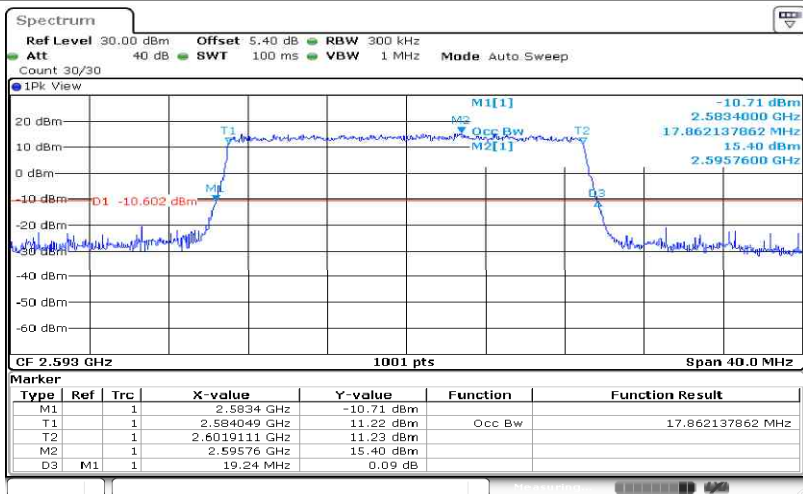
Date: 29.MAY.2020 10:59:15



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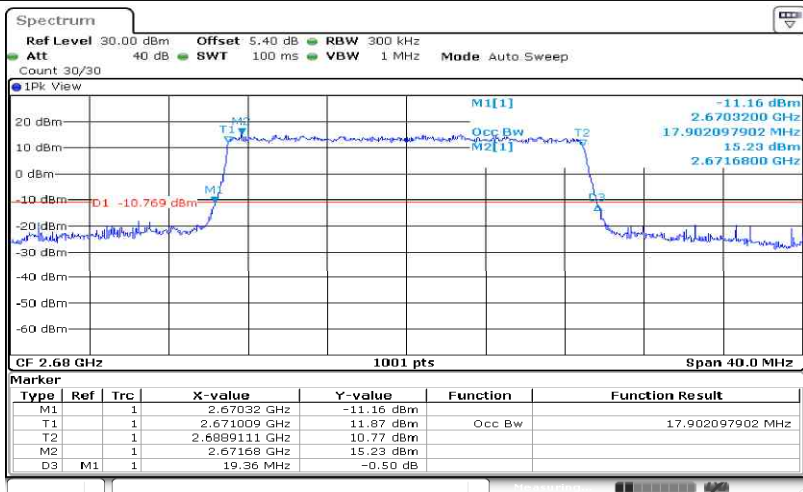


Band41-20MHz-16QAM-40620-100RB#0-17.862



Date: 29.MAY.2020 10:59:41

Band41-20MHz-16QAM-41490-100RB#0-17.902



Date: 29.MAY.2020 11:00:06

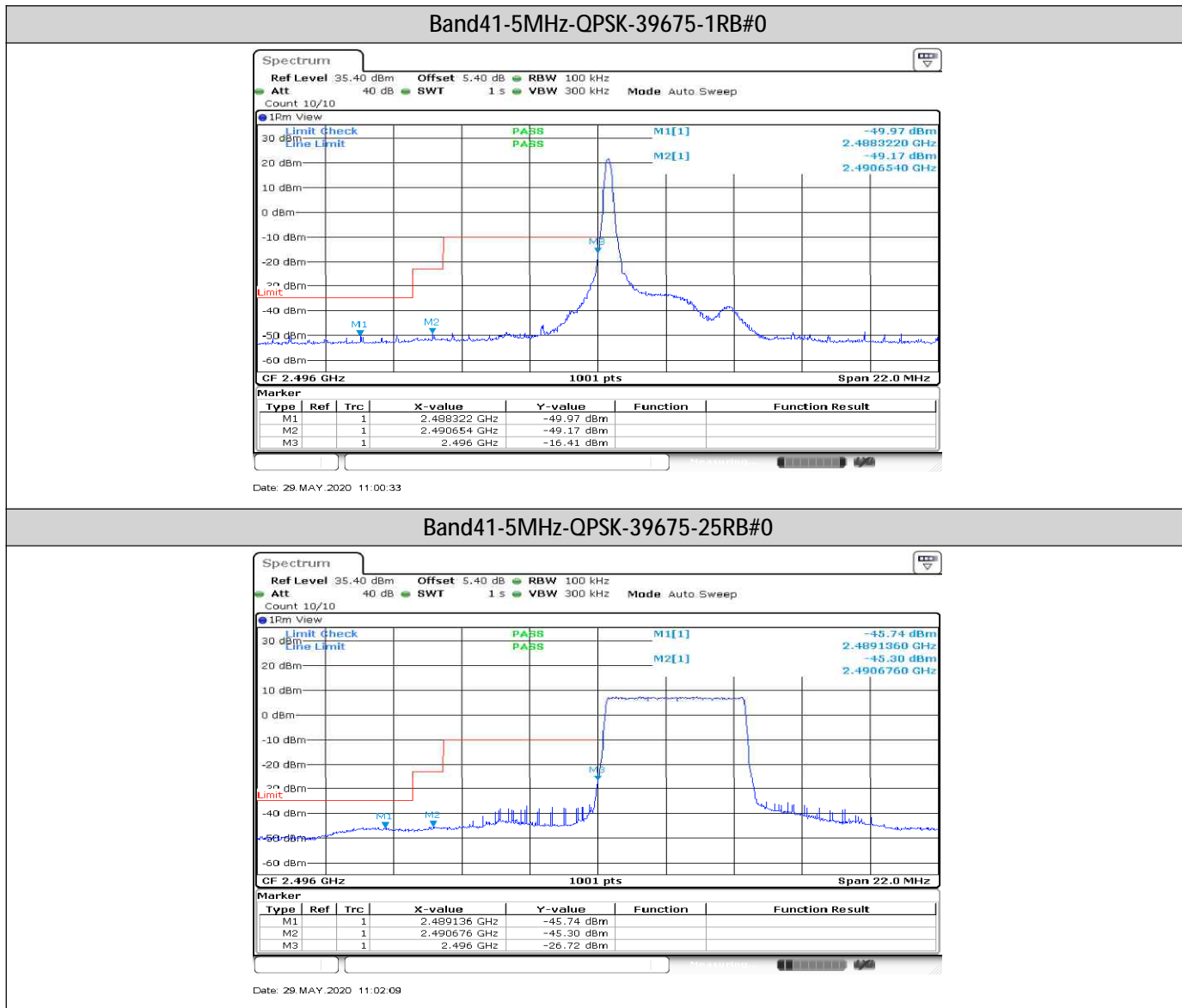


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## 5. Band Edge Compliance

### 5.1. Test Plots



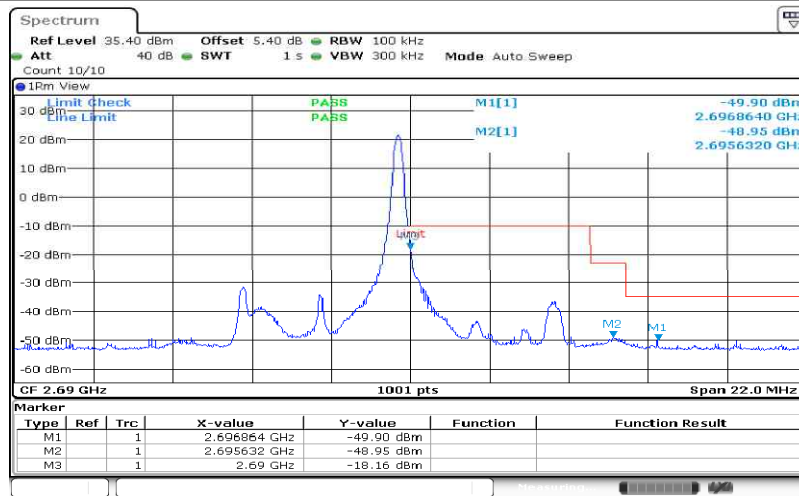
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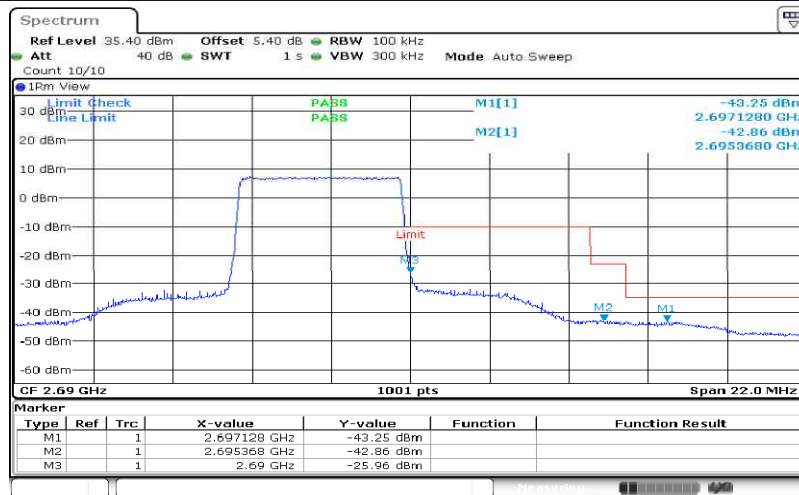


Band41-5MHz-QPSK-41565-1RB#24



Date: 29.MAY.2020 11:01:21

Band41-5MHz-QPSK-41565-25RB#0



Date: 29.MAY.2020 11:02:52

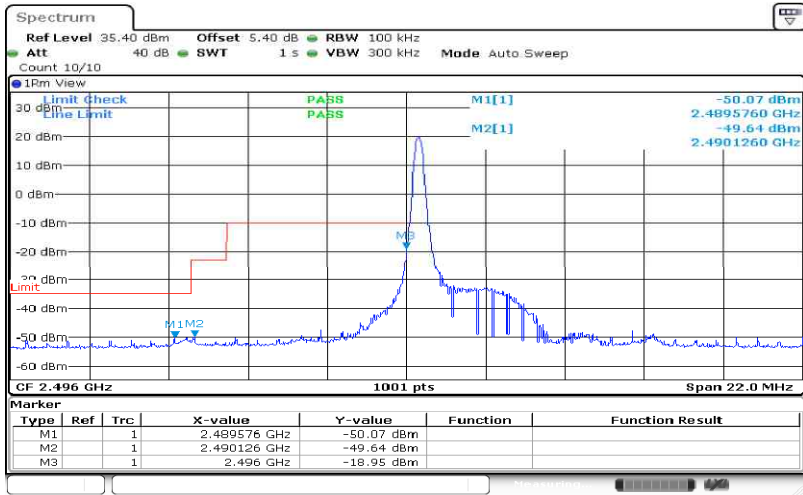


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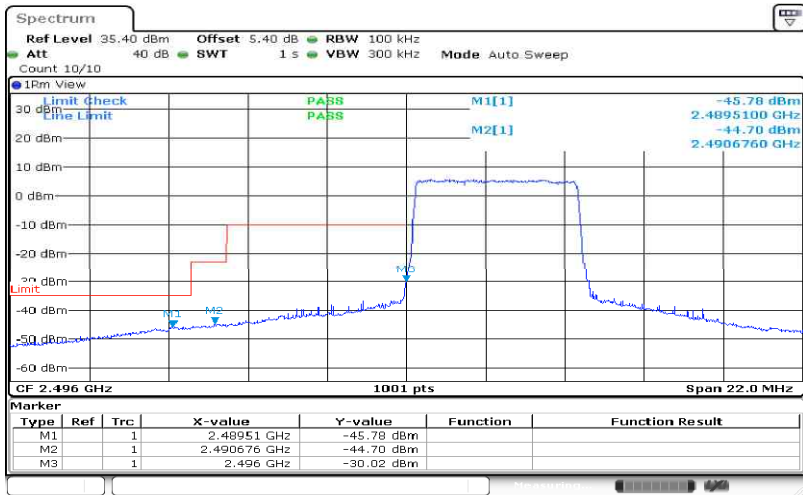


**Band41-5MHz-64QAM-39675-1RB#0**



Date: 31.MAY.2020 13:32:44

**Band41-5MHz-64QAM-39675-25RB#0**



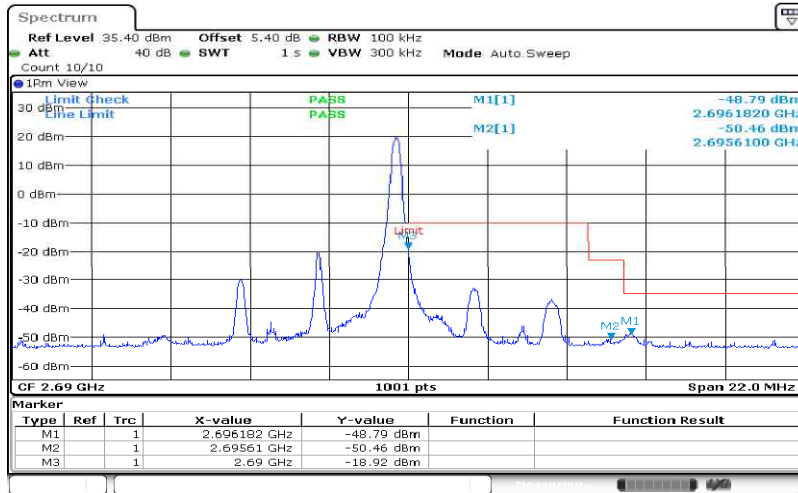
Date: 31.MAY.2020 13:33:37



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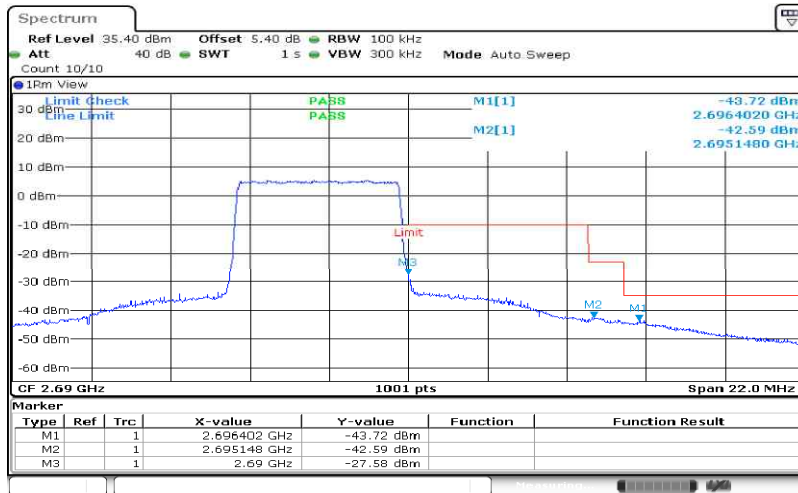


Band41-5MHz-64QAM-41565-1RB#24



Date: 31.MAY.2020 13:33:11

Band41-5MHz-64QAM-41565-25RB#0

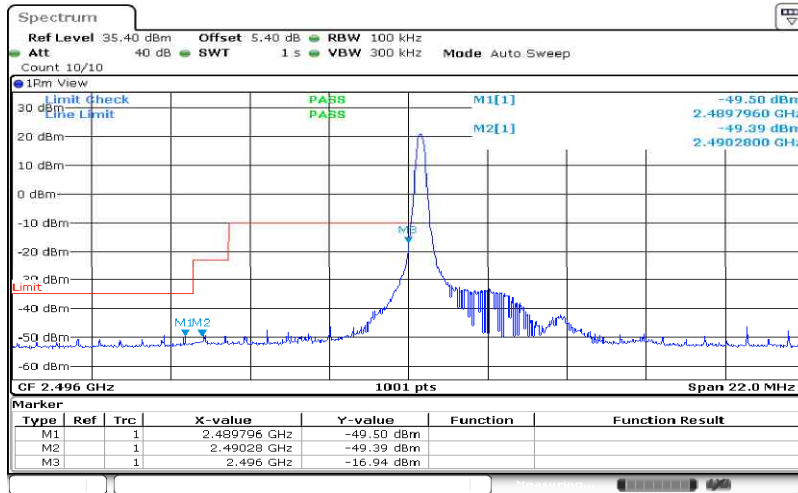


Date: 31.MAY.2020 13:33:59



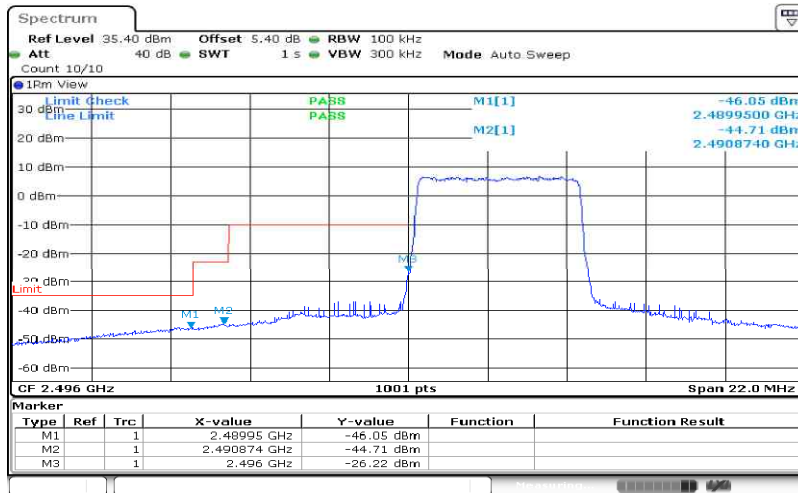
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**Band41-5MHz-16QAM-39675-1RB#0**



Date: 29.MAY.2020 11:00:55

**Band41-5MHz-16QAM-39675-25RB#0**



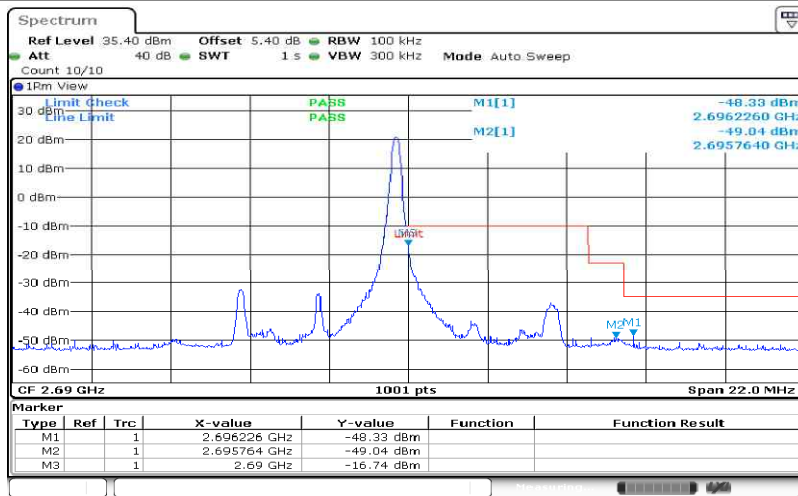
Date: 29.MAY.2020 11:02:30



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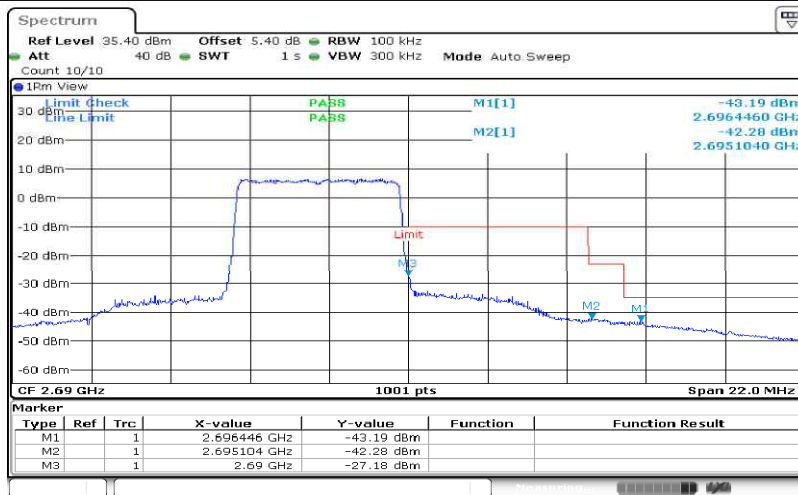


Band41-5MHz-16QAM-41565-1RB#24



Date: 29.MAY.2020 11:01:43

Band41-5MHz-16QAM-41565-25RB#0



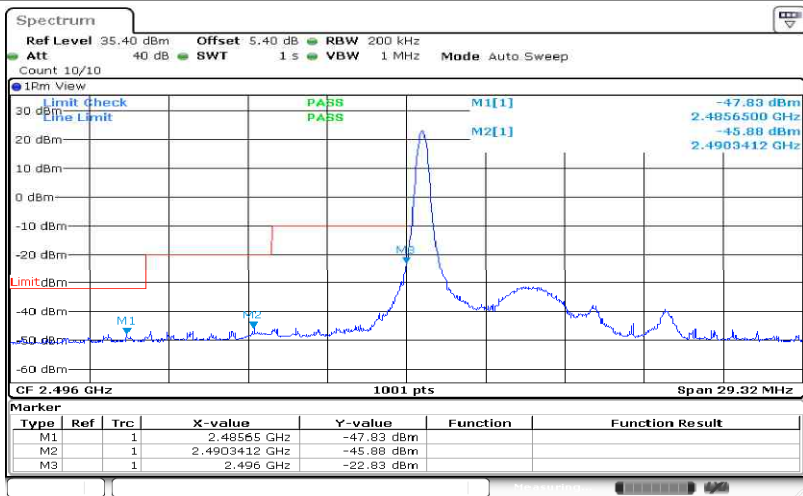
Date: 29.MAY.2020 11:03:14



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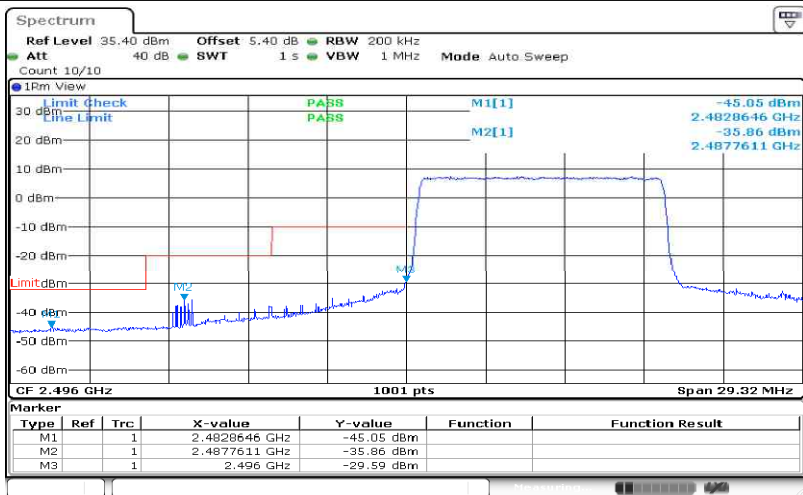


Band41-10MHz-QPSK-39700-1RB#0



Date: 29.MAY.2020 11:03:40

Band41-10MHz-QPSK-39700-50RB#0



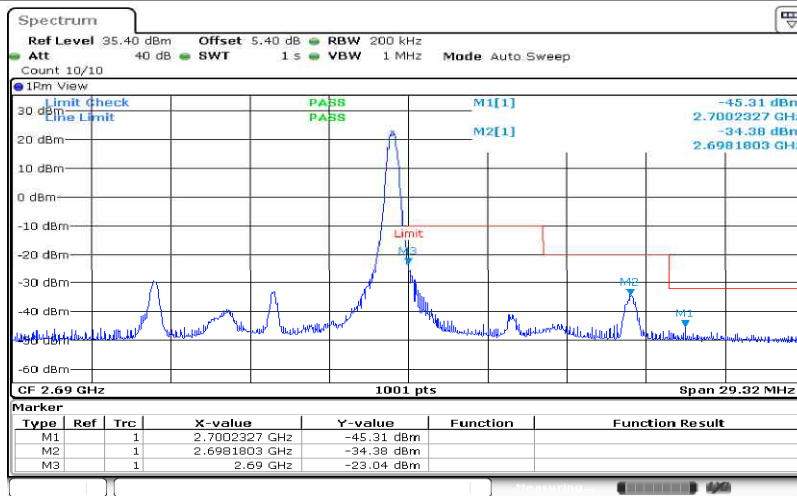
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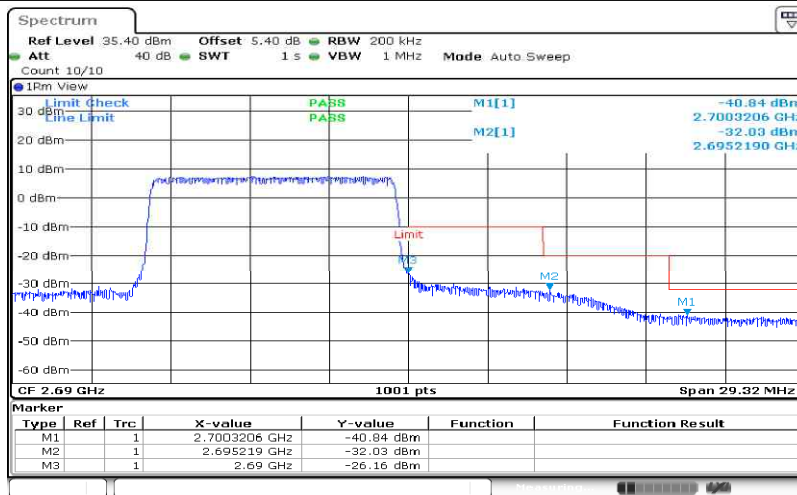


Band41-10MHz-QPSK-41540-1RB#49



Date: 29.MAY.2020 11:04:28

Band41-10MHz-QPSK-41540-50RB#0



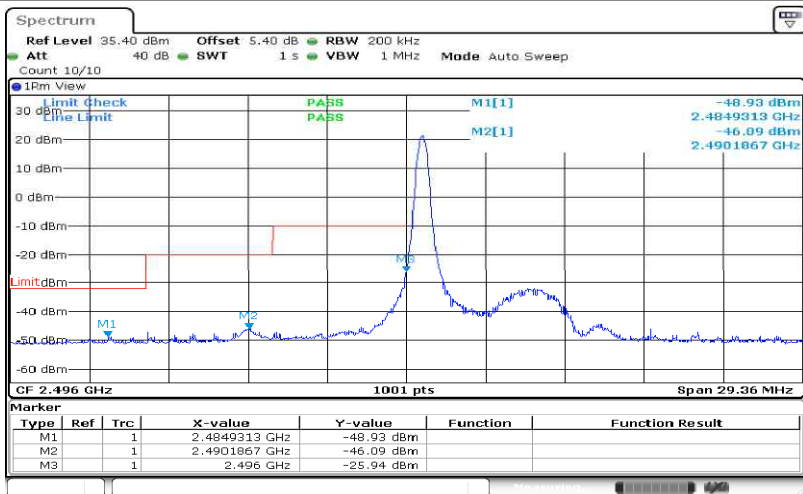
Date: 29.MAY.2020 11:06:02



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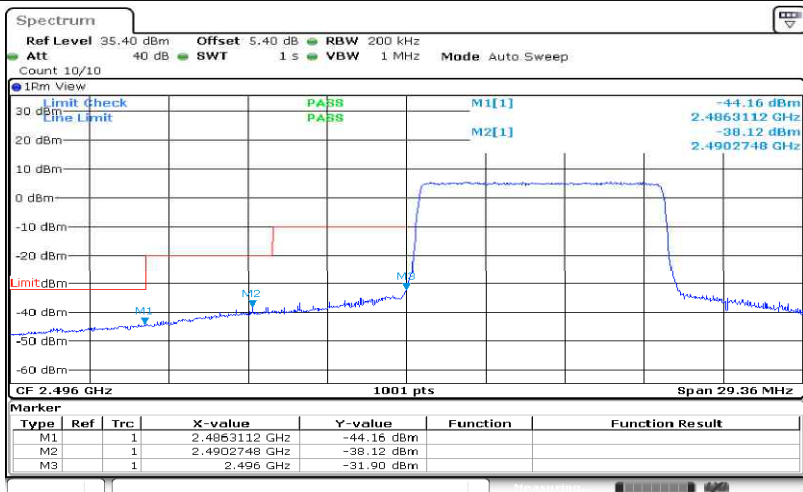


Band41-10MHz-64QAM-39700-1RB#0



Date: 31.MAY.2020 13:34:26

Band41-10MHz-64QAM-39700-50RB#0



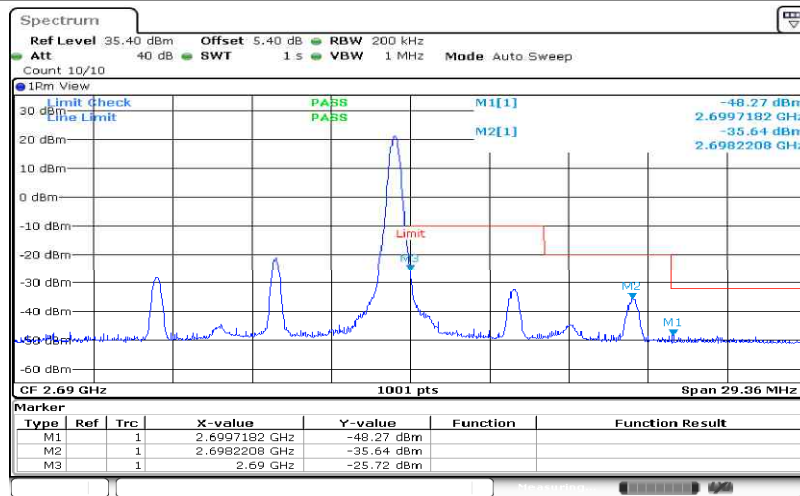
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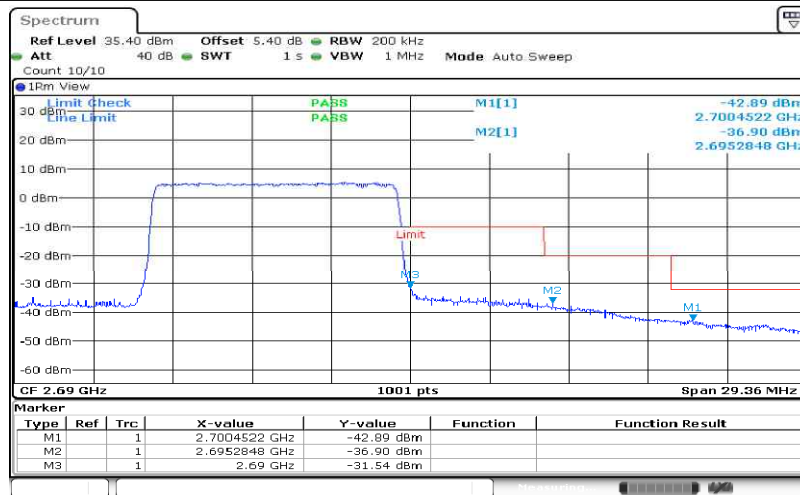


Band41-10MHz-64QAM-41540-1RB#49



Date: 31.MAY.2020 13:34:52

Band41-10MHz-64QAM-41540-50RB#0



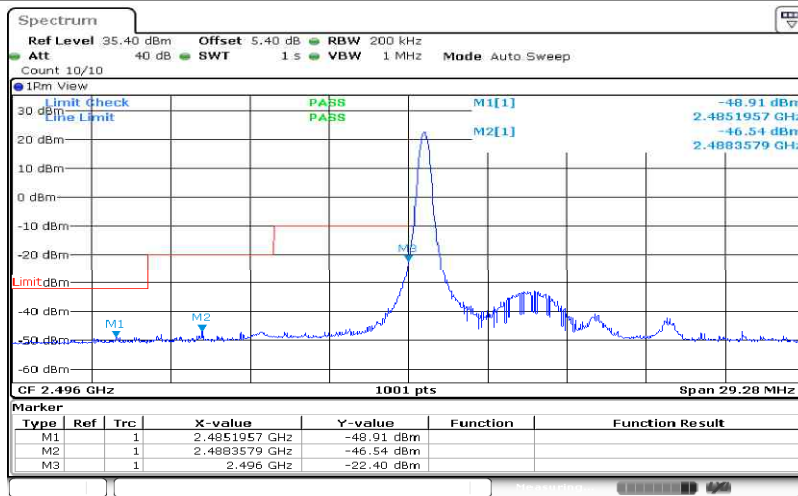
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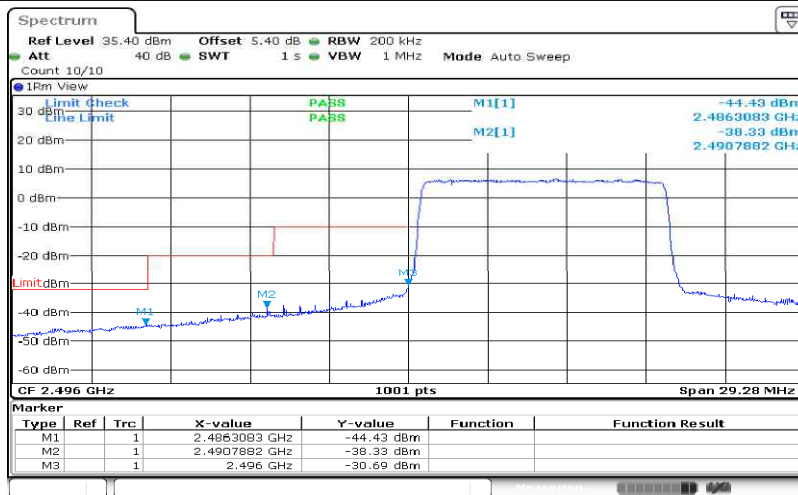


**Band41-10MHz-16QAM-39700-1RB#0**



Date: 29.MAY.2020 11:04:02

**Band41-10MHz-16QAM-39700-50RB#0**



Date: 29.MAY.2020 11:05:40

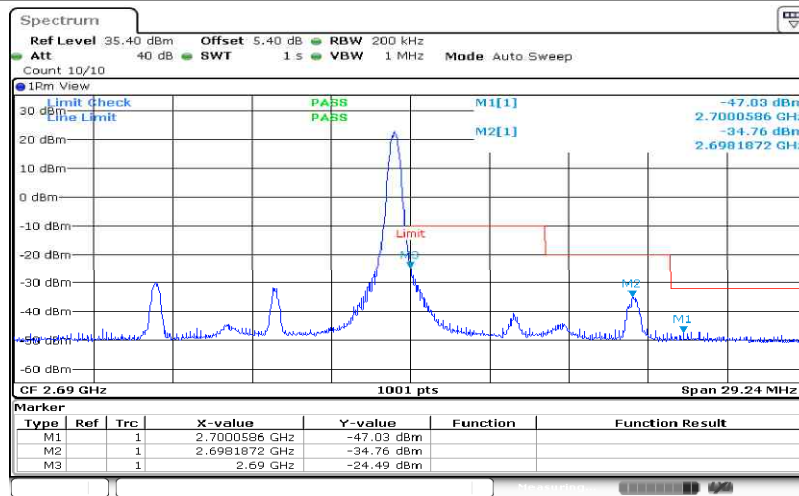


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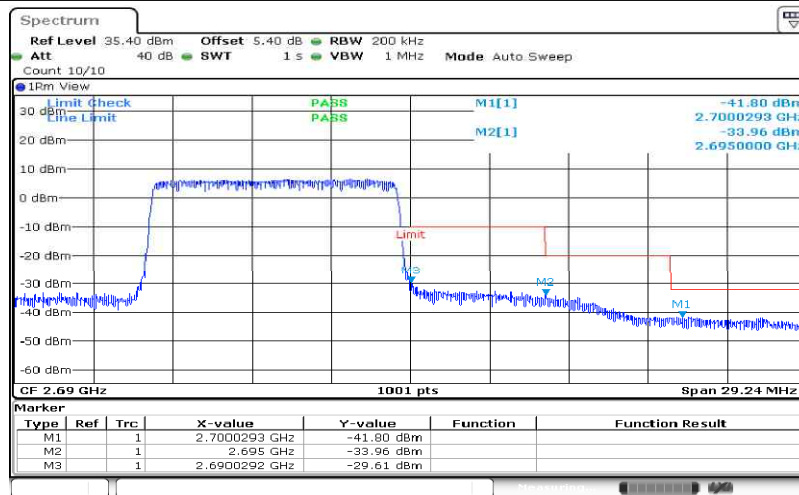


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Date: 29.MAY.2020 11:04:52

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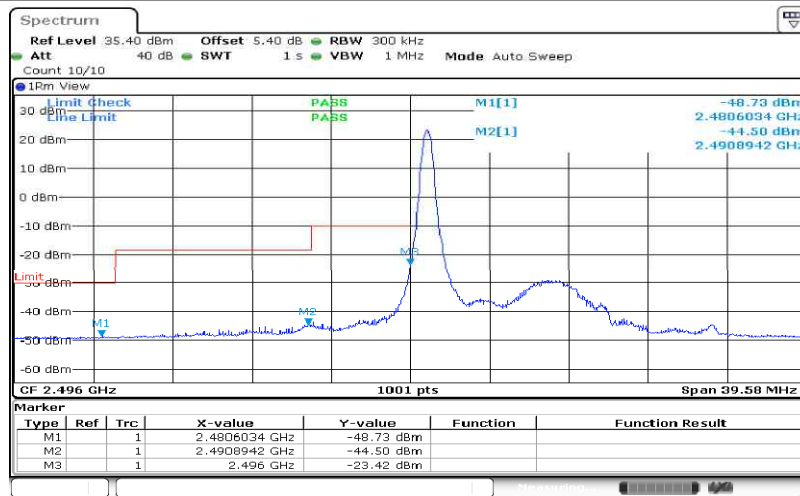
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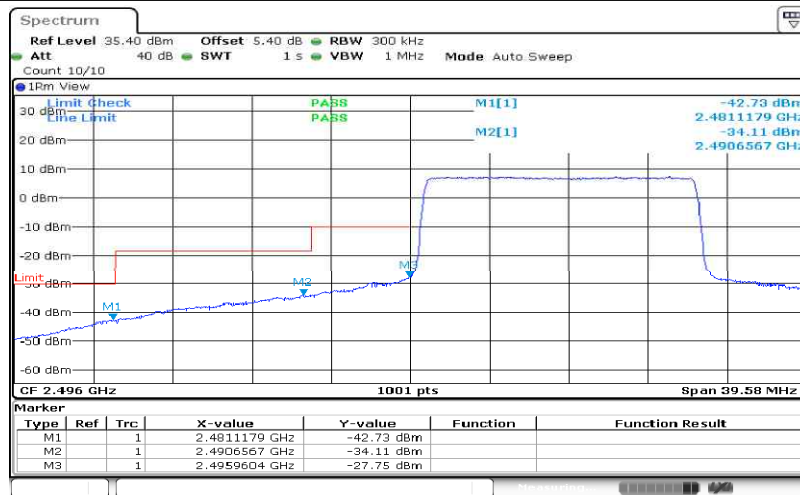


Band41-15MHz-QPSK-39725-1RB#0



Date: 29.MAY.2020 11:06:51

Band41-15MHz-QPSK-39725-75RB#0



Date: 29.MAY.2020 11:08:26

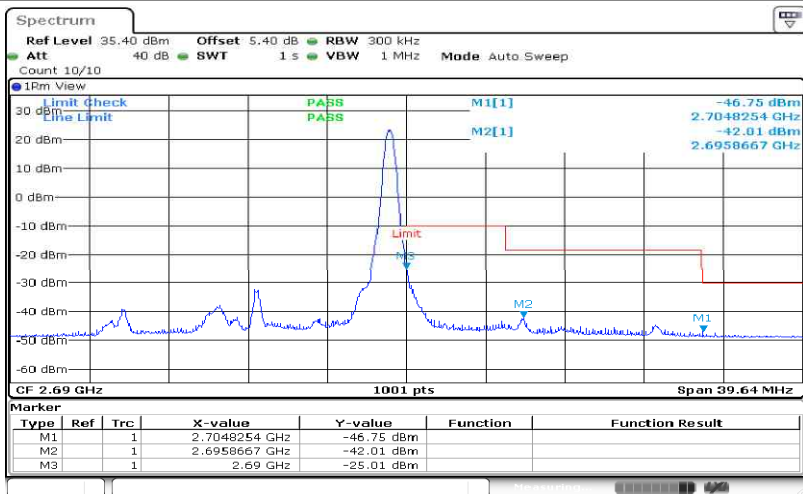


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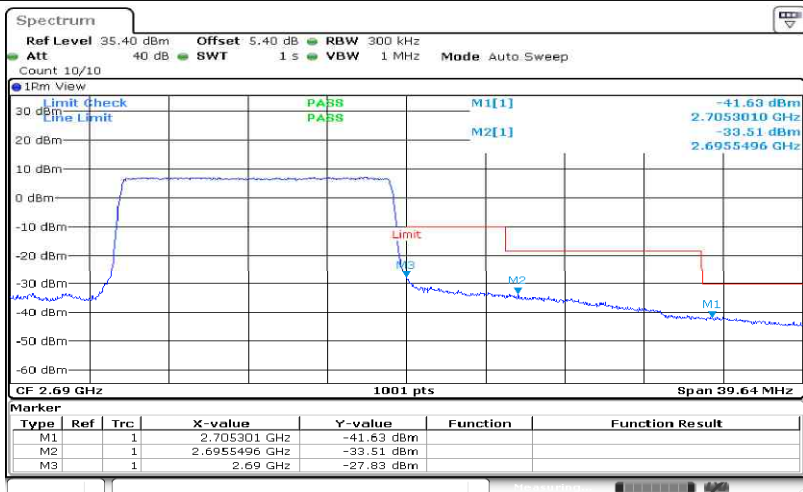


Band41-15MHz-QPSK-41515-1RB#74



Date: 29.MAY.2020 11:07:39

Band41-15MHz-QPSK-41515-75RB#0



Date: 29.MAY.2020 11:09:10

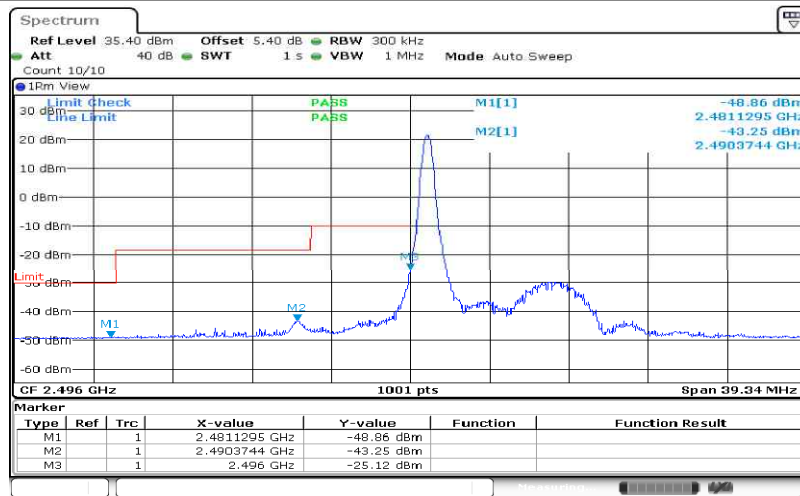


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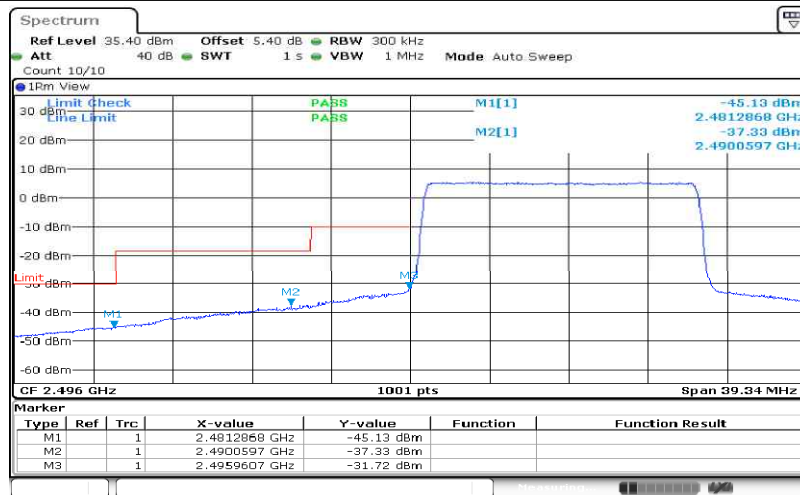


Band41-15MHz-64QAM-39725-1RB#0



Date: 31.MAY.2020 13:36:07

Band41-15MHz-64QAM-39725-75RB#0



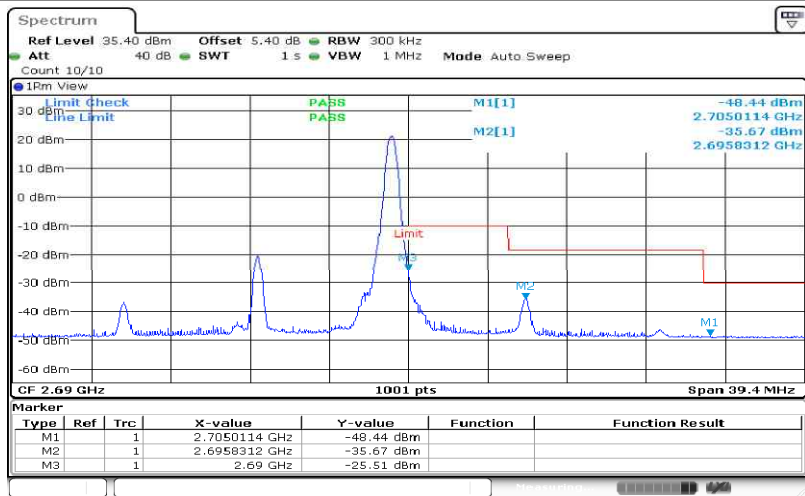
Date: 31.MAY.2020 13:37:02



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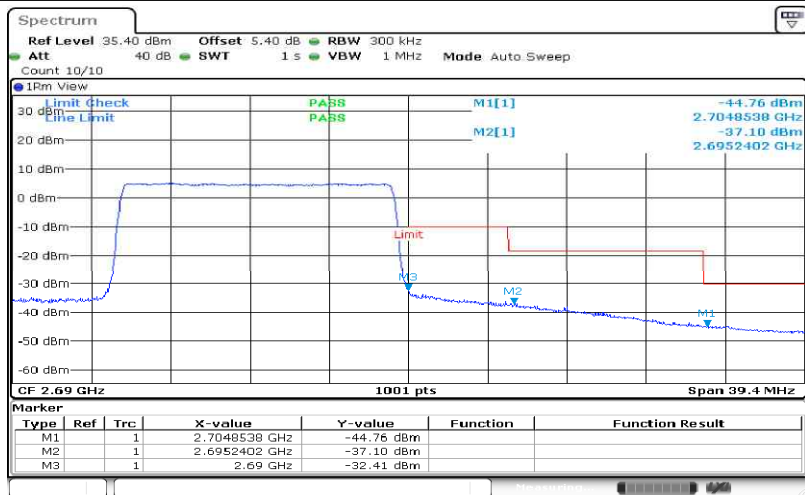


Band41-15MHz-64QAM-41515-1RB#74



Date: 31.MAY.2020 13:36:34

Band41-15MHz-64QAM-41515-75RB#0



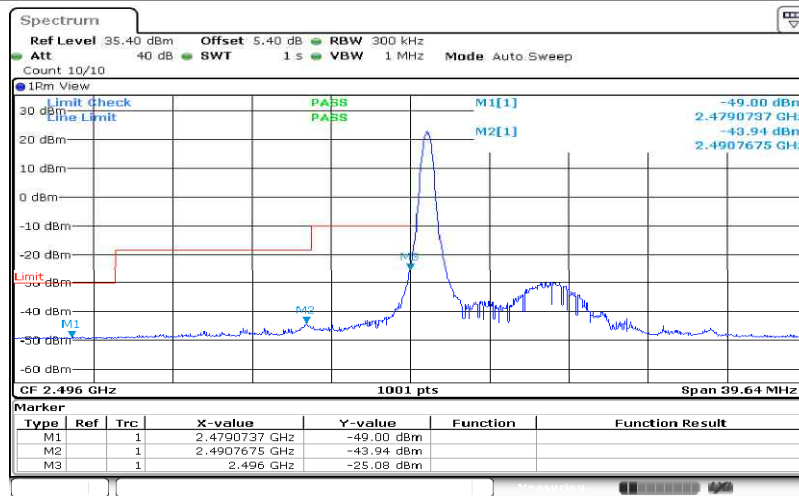
Date: 31.MAY.2020 13:37:24



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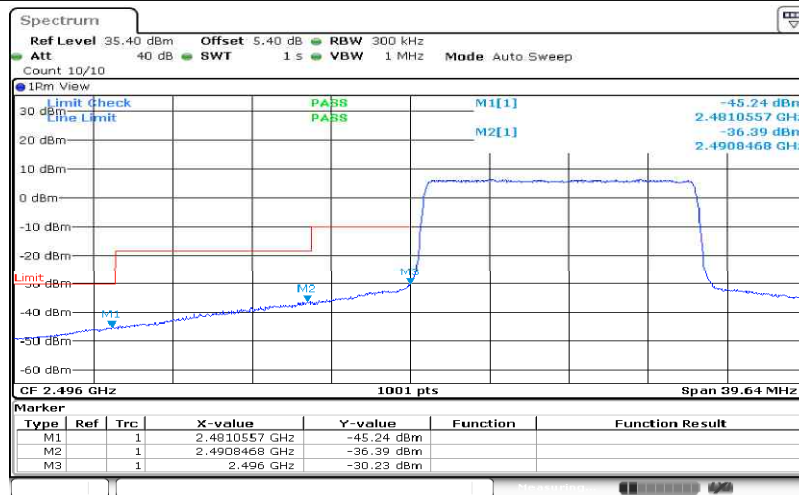


Band41-15MHz-16QAM-39725-1RB#0



Date: 29.MAY.2020 11:07:13

Band41-15MHz-16QAM-39725-75RB#0



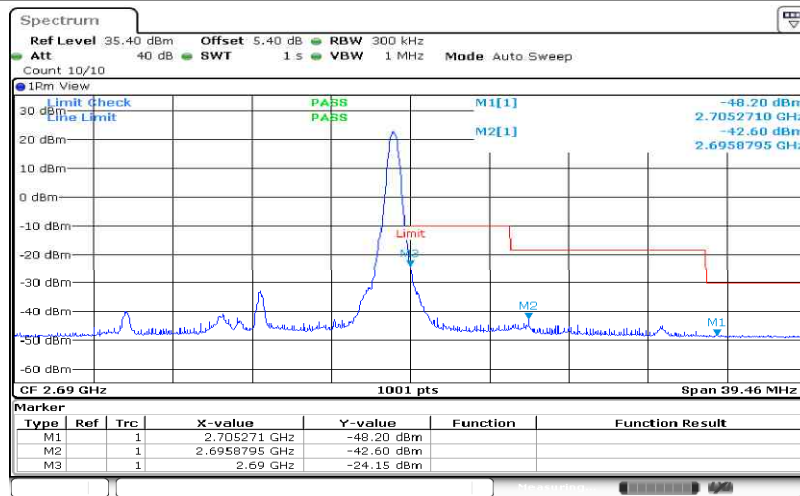
Date: 29.MAY.2020 11:08:48



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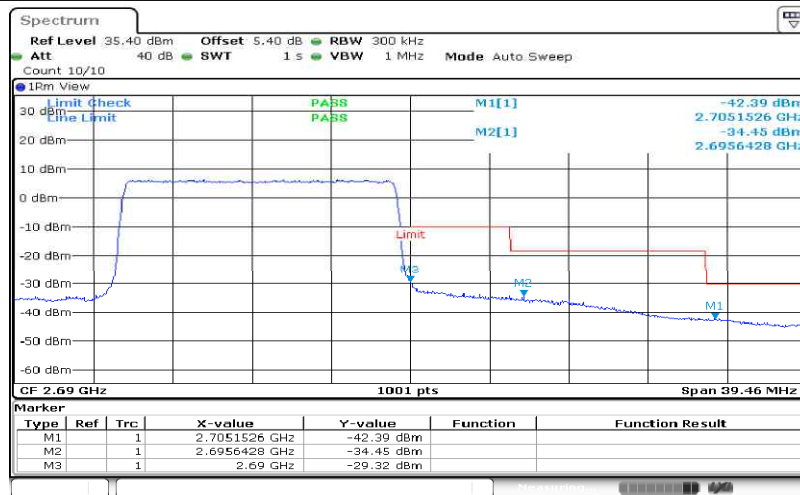


Band41-15MHz-16QAM-41515-1RB#74



Date: 29.MAY.2020 11:08:00

Band41-15MHz-16QAM-41515-75RB#0



Date: 29.MAY.2020 11:09:32



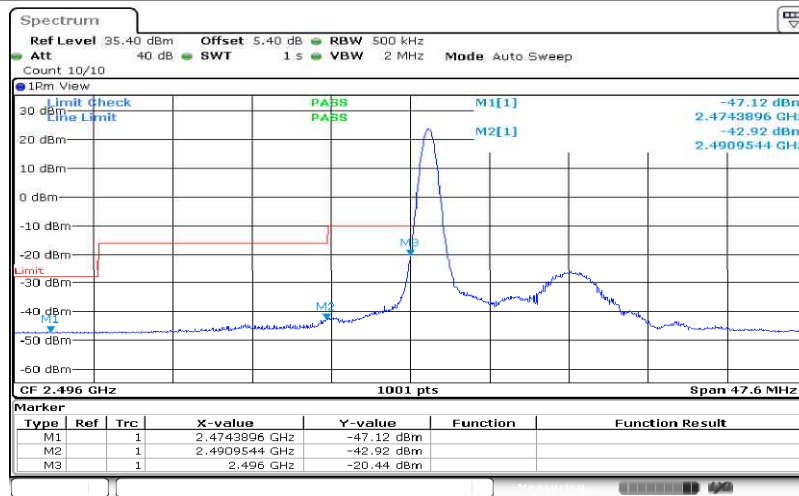
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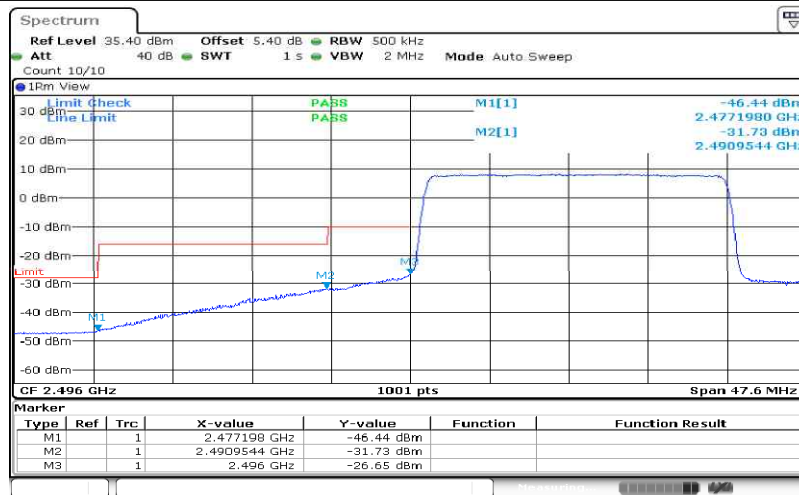


Band41-20MHz-QPSK-39750-1RB#0



Date: 29.MAY.2020 11:09:59

Band41-20MHz-QPSK-39750-100RB#0



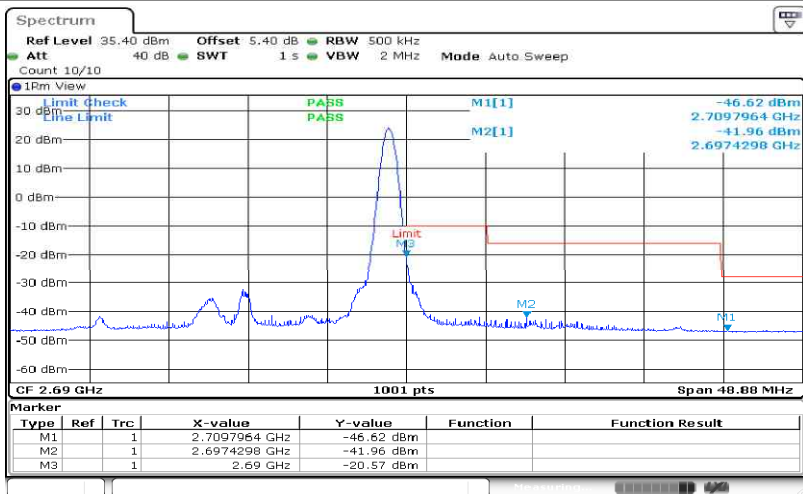
Date: 29.MAY.2020 11:11:34



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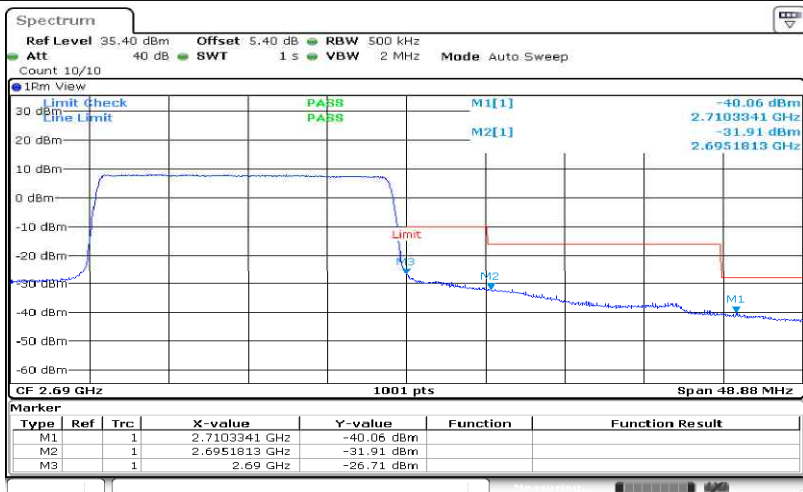


Band41-20MHz-QPSK-41490-1RB#99



Date: 29.MAY.2020 11:10:47

Band41-20MHz-QPSK-41490-100RB#0



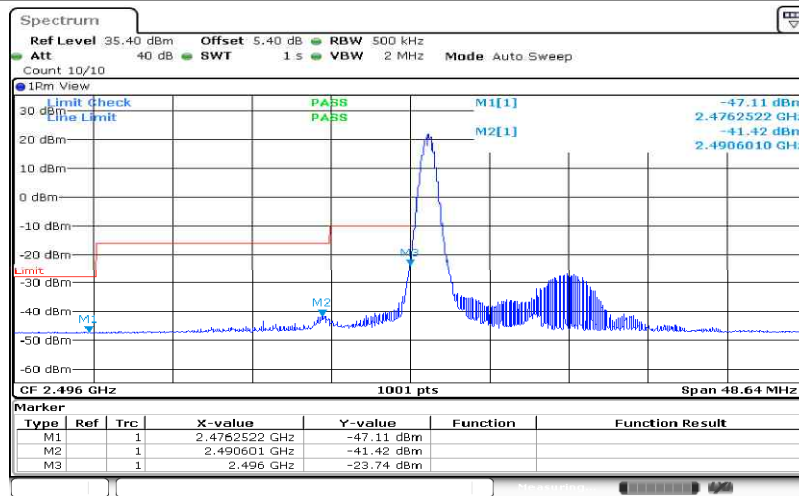
Date: 29.MAY.2020 11:12:18



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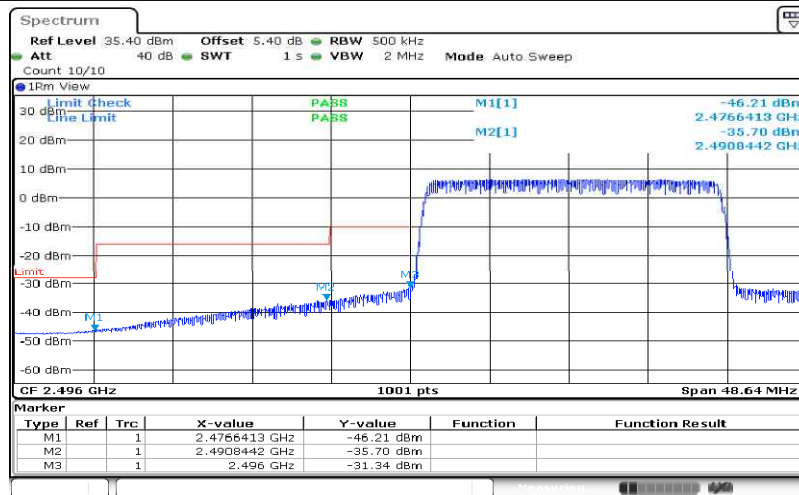


Band41-20MHz-64QAM-39750-1RB#0



Date: 31.MAY.2020 13:37:51

Band41-20MHz-64QAM-39750-100RB#0



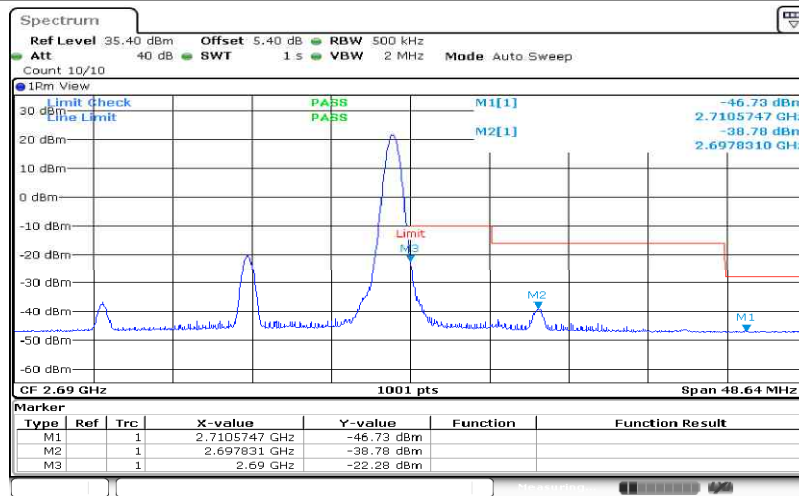
Date: 31.MAY.2020 13:38:44



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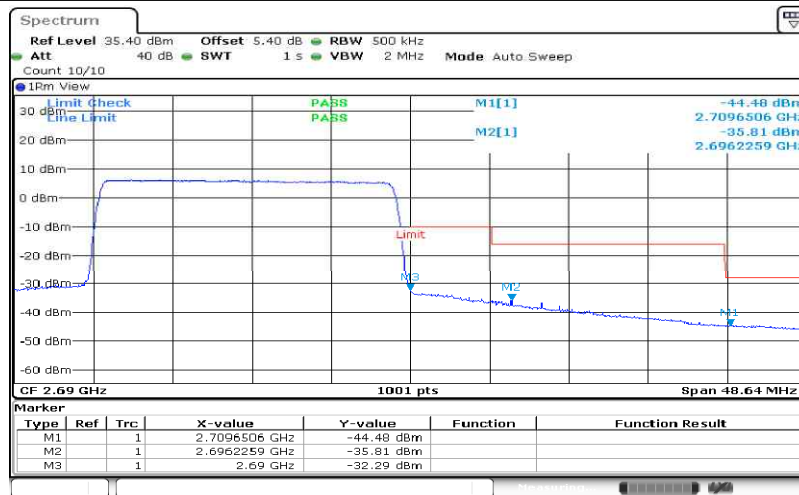


Band41-20MHz-64QAM-41490-1RB#99



Date: 31.MAY.2020 13:38:17

Band41-20MHz-64QAM-41490-100RB#0

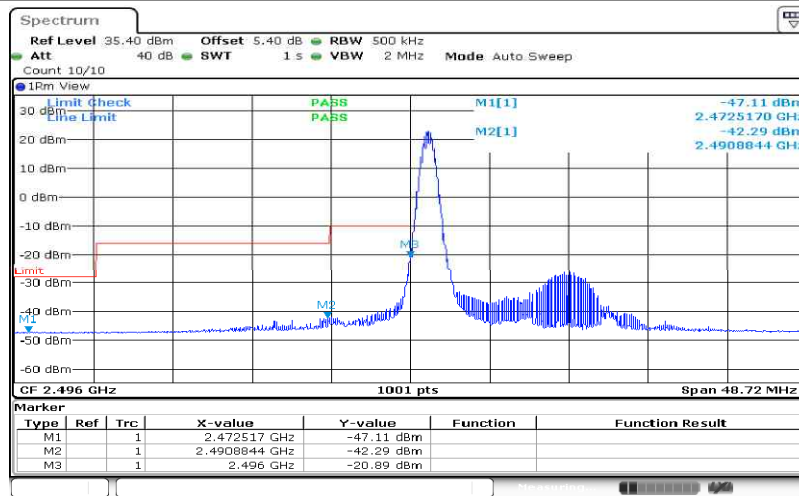


Date: 31.MAY.2020 13:39:06



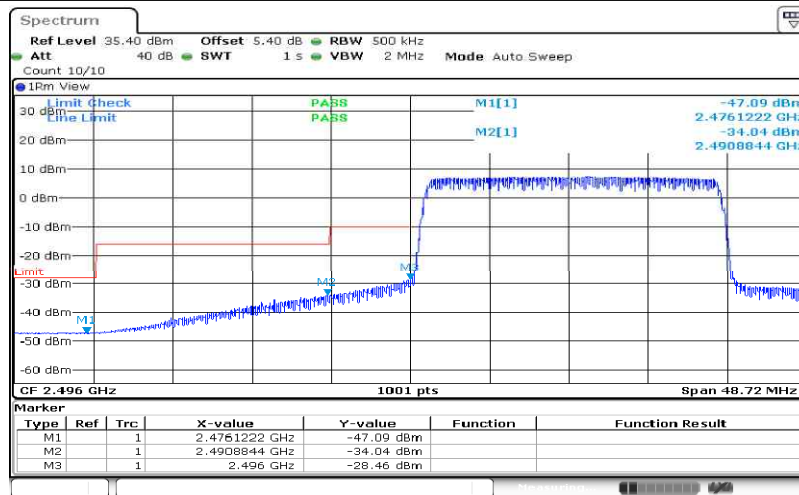
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**Band41-20MHz-16QAM-39750-1RB#0**



Date: 29.MAY.2020 11:10:21

**Band41-20MHz-16QAM-39750-100RB#0**



Date: 29.MAY.2020 11:11:56

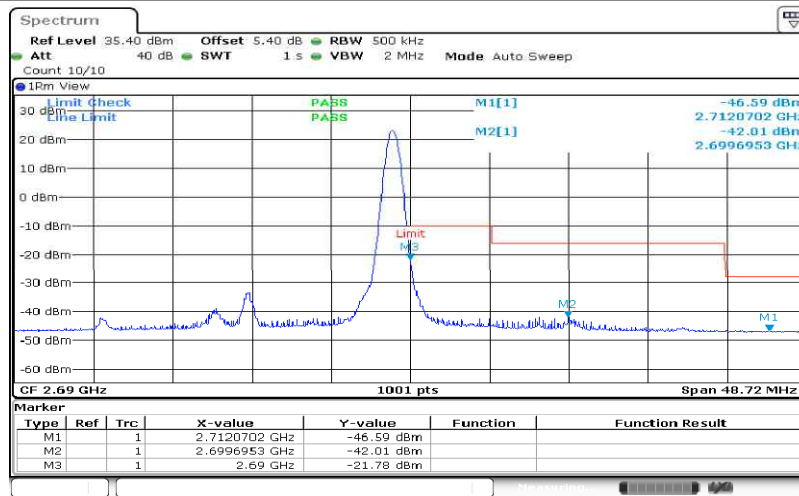


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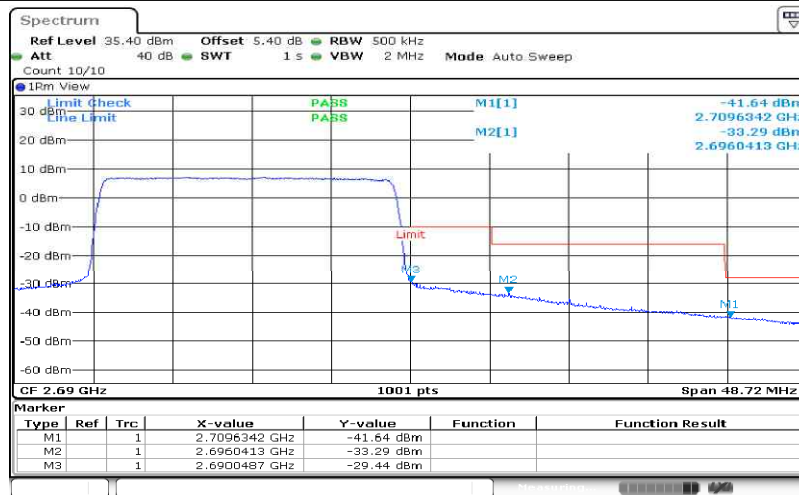


Band41-20MHz-16QAM-41490-1RB#99



Date: 29.MAY.2020 11:11:08

Band41-20MHz-16QAM-41490-100RB#0



Date: 29.MAY.2020 11:12:40



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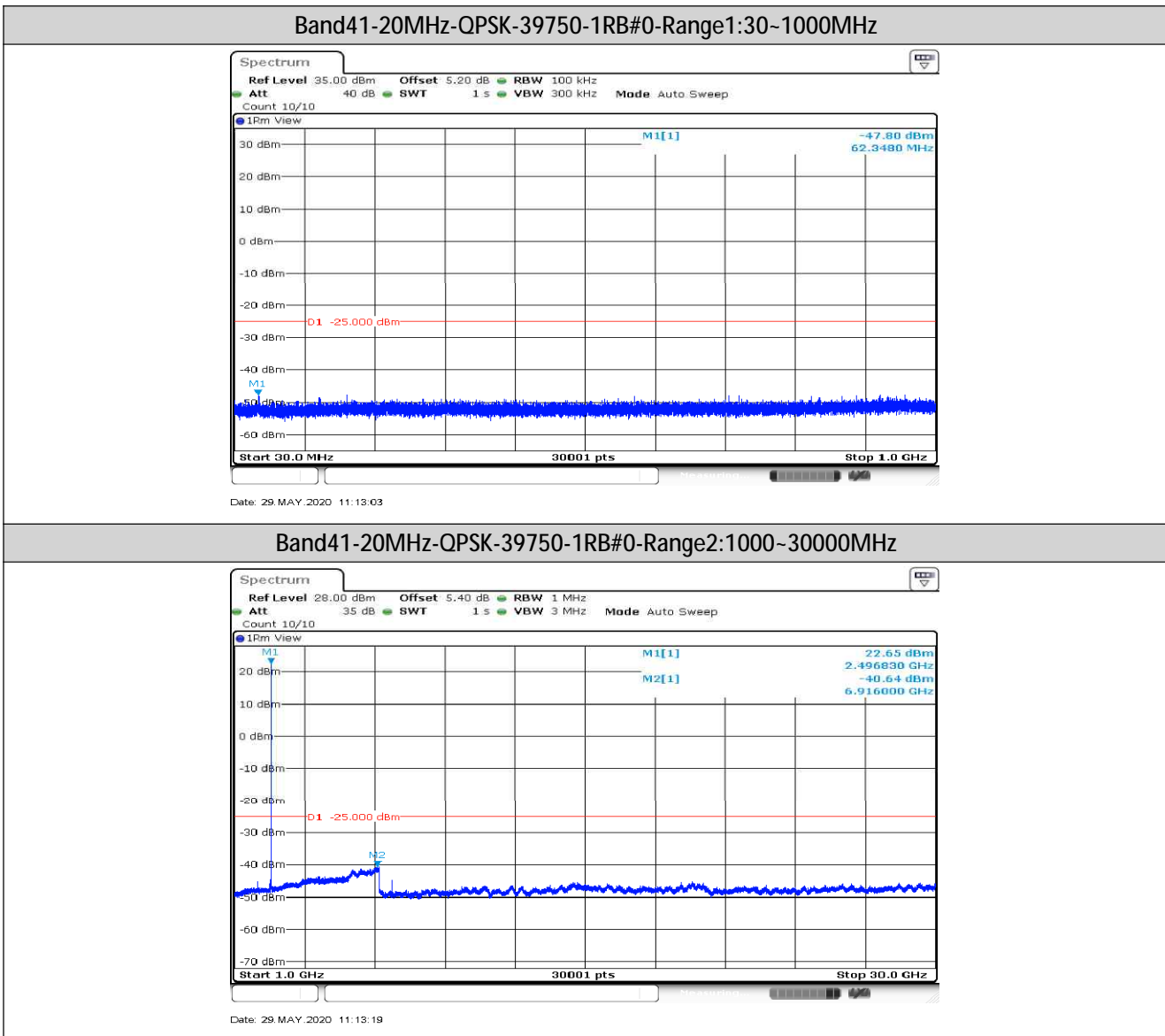


## 6. Spurious Emission at Antenna Terminal

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.

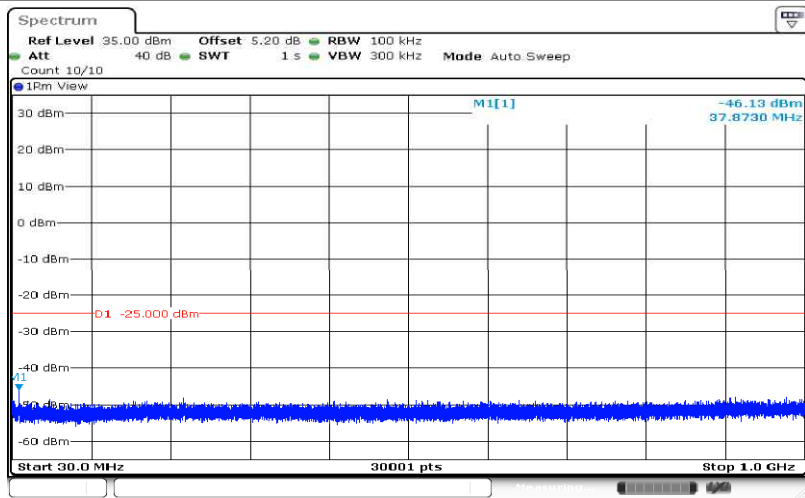
### 6.1. Test Plots



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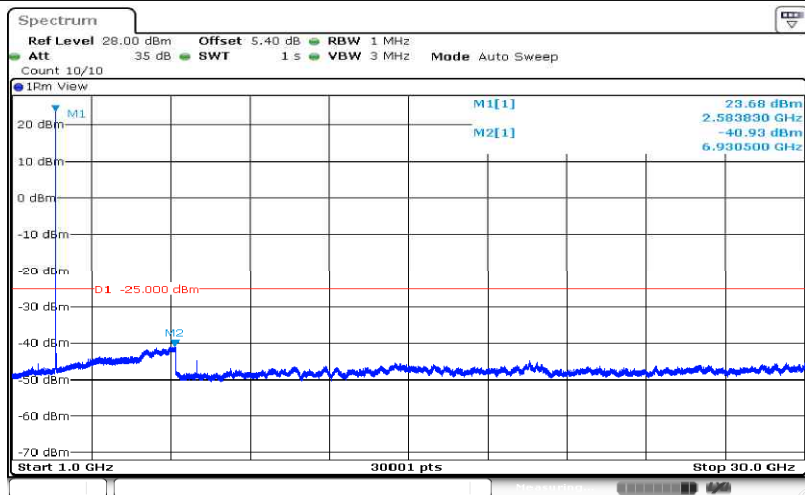


Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 11:14:14

Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



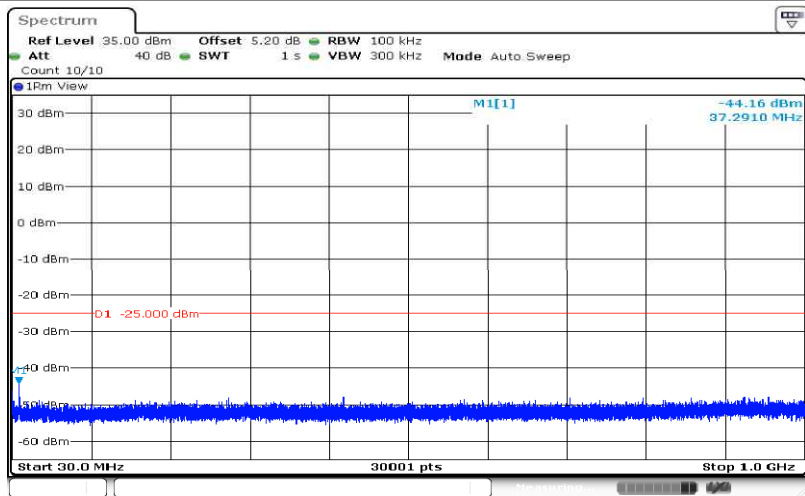
Date: 29.MAY.2020 11:14:30



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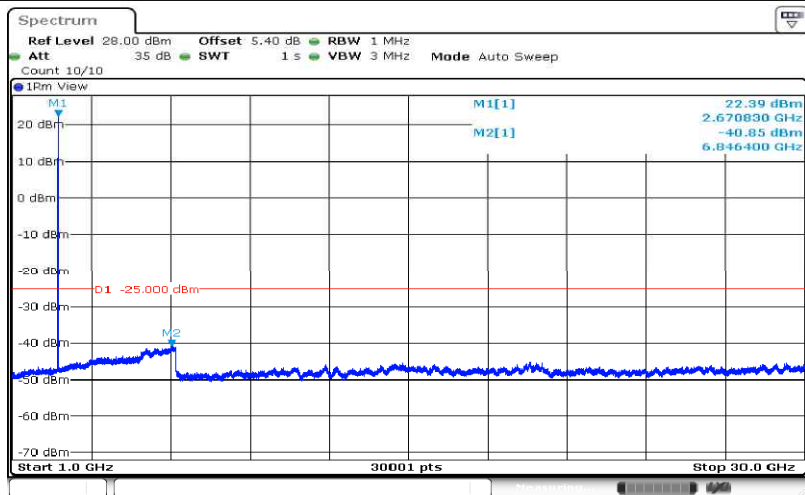


**Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz**



Date: 29.MAY.2020 11:15:24

**Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz**



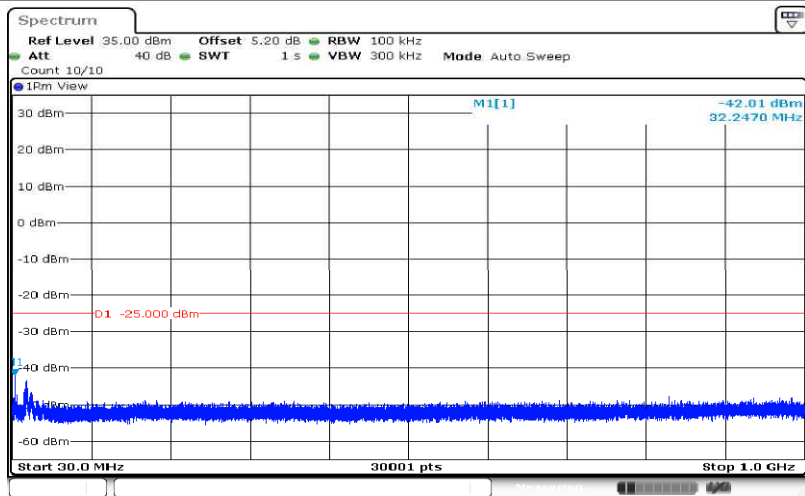
Date: 29.MAY.2020 11:15:41



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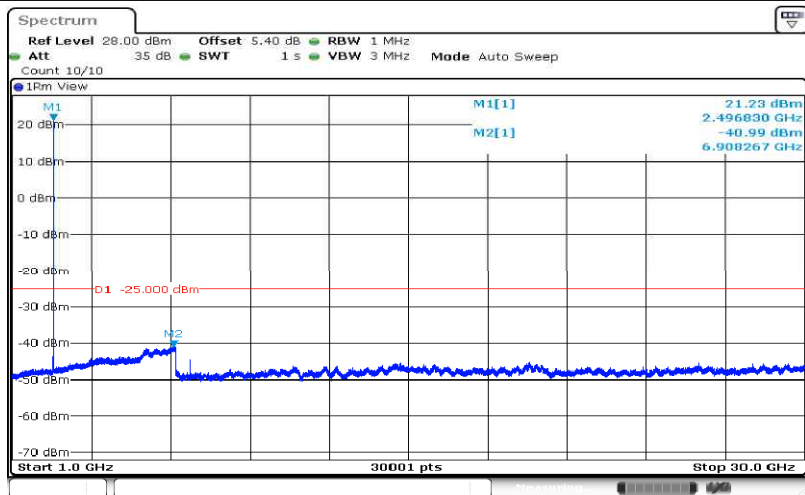


Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 13:39:29

Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



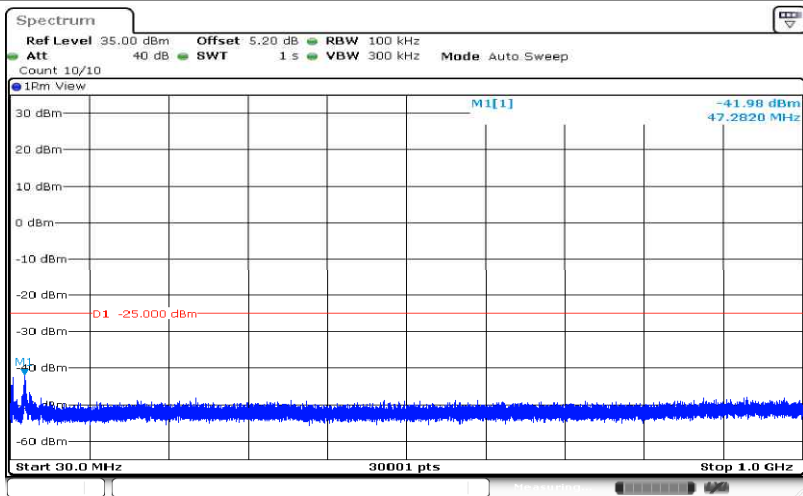
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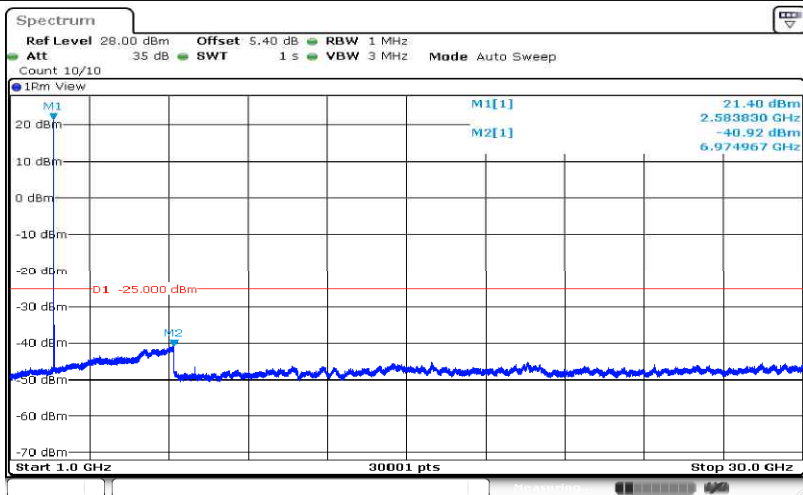


Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Date: 31.MAY.2020 13:40:05

Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz

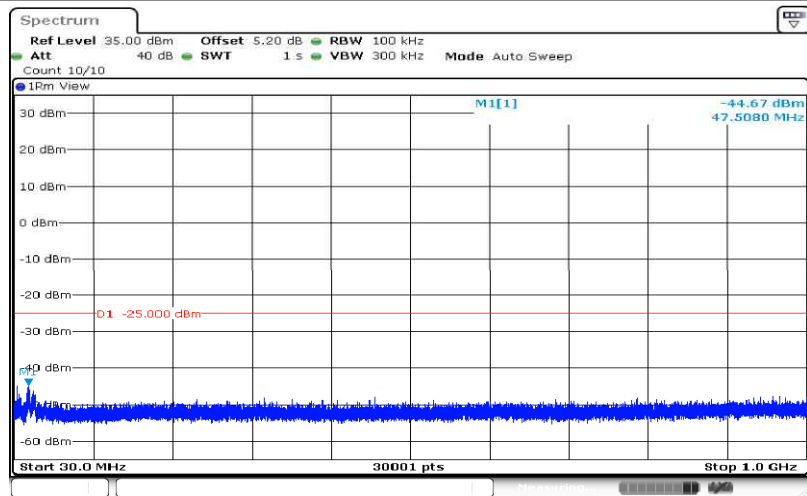


Date: 31.MAY.2020 13:40:21



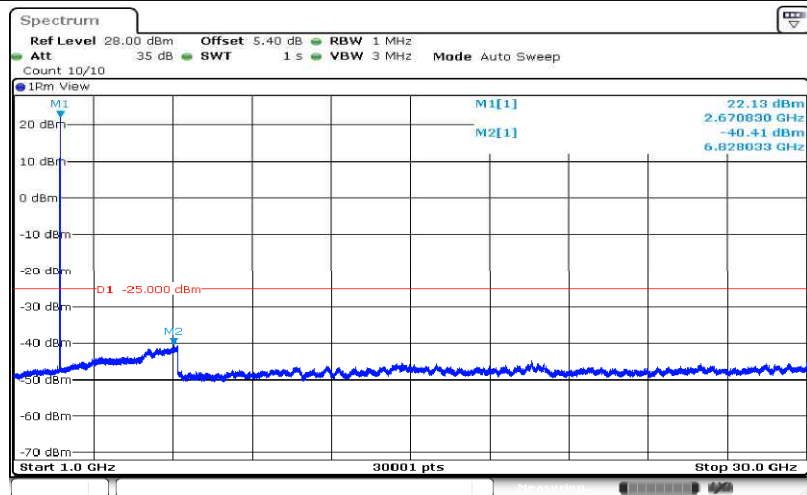
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**Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz**



Date: 31.MAY.2020 13:40:41

**Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz**



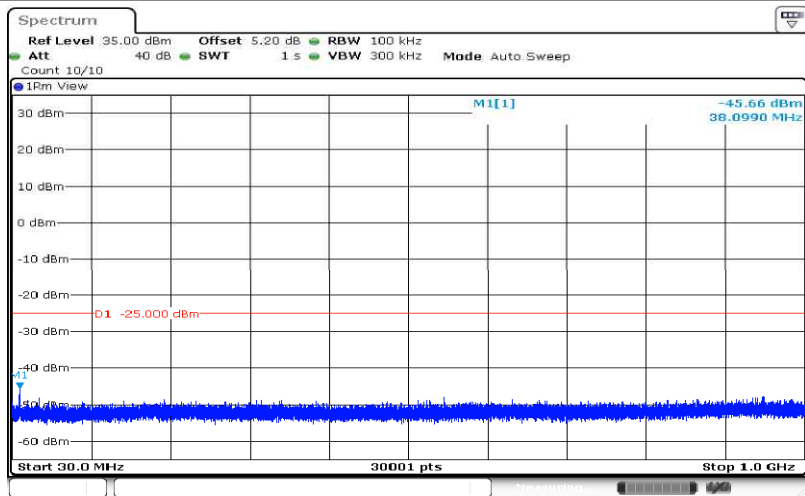
Date: 31.MAY.2020 13:40:57



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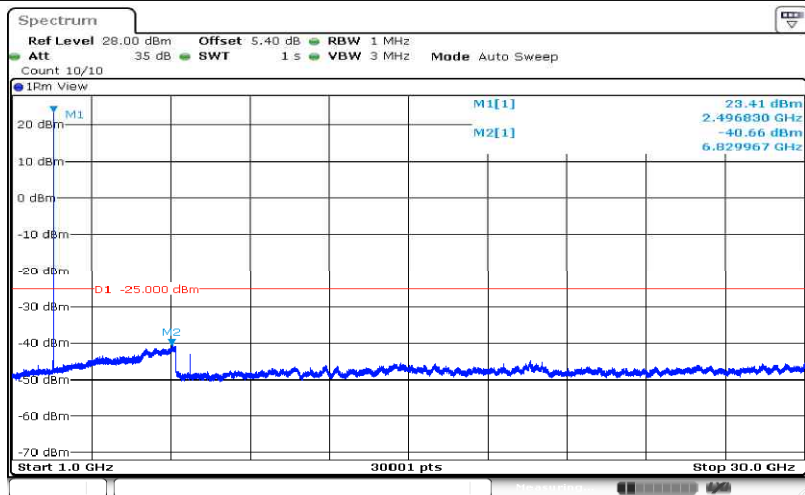


**Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz**



Date: 29.MAY.2020 11:13:38

**Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz**



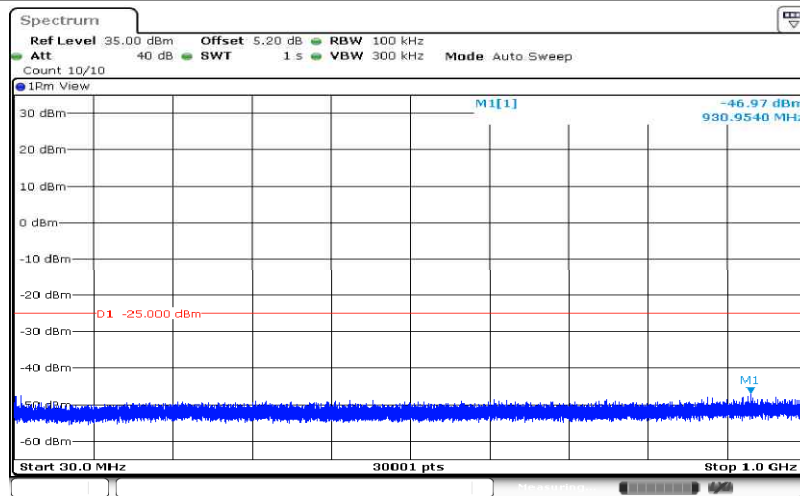
Date: 29.MAY.2020 11:13:54



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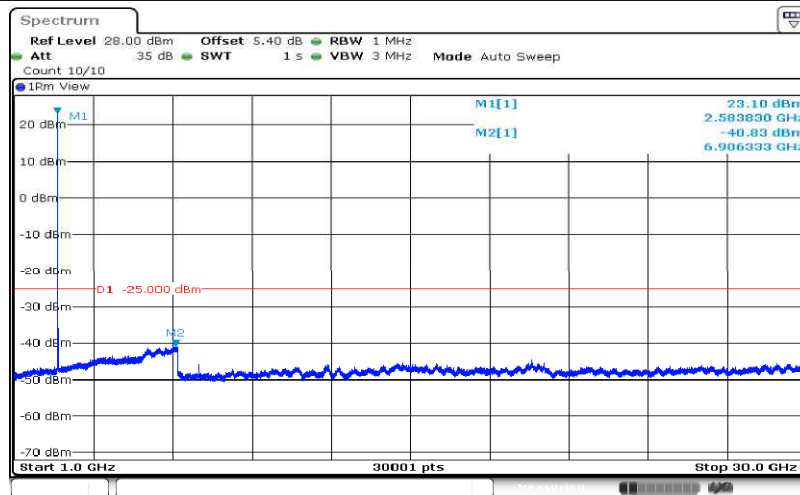


Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Date: 29.MAY.2020 11:14:49

Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



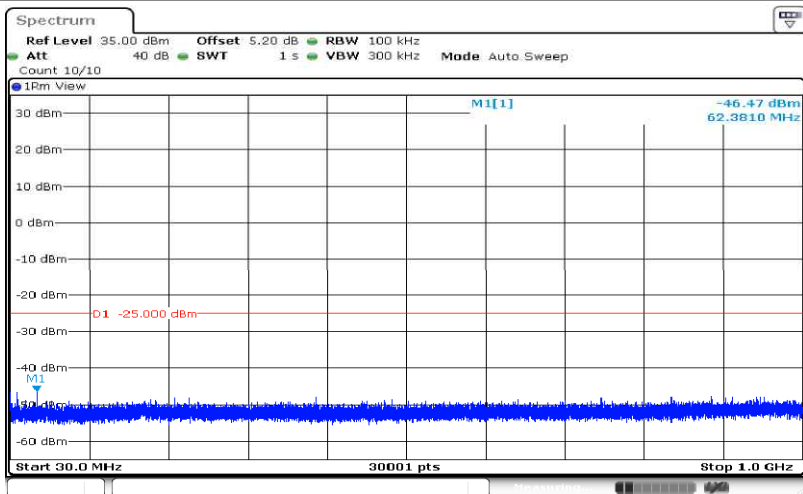
Date: 29.MAY.2020 11:15:05



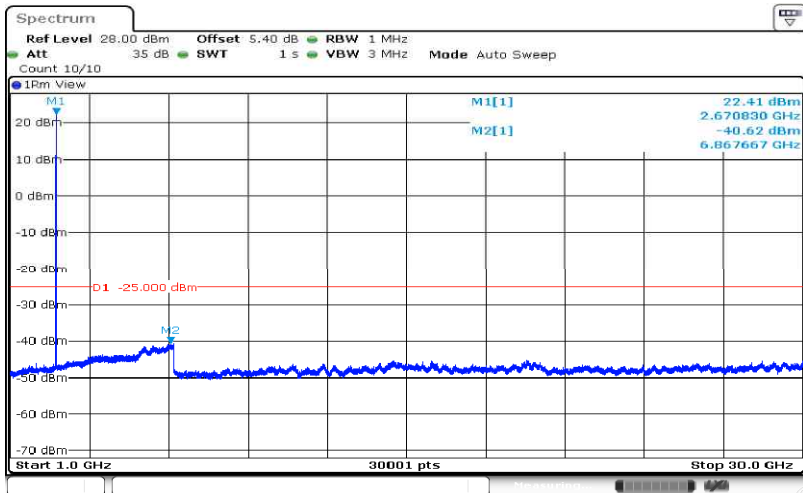
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**Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz**



**Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz**





## 7. Field Strength of Spurious Radiation

### 7.1. Test Mode =LTE/TM1 20MHz(Down Antenna)

#### 7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
65.300000	-73.14	-25.00	48.14	Vertical
191.650000	-78.89	-25.00	53.89	Vertical
957.970833	-75.07	-25.00	50.07	Vertical
4993.875000	-57.33	-25.00	32.33	Vertical
7491.500000	-47.69	-25.00	22.69	Vertical
10228.650000	-62.03	-25.00	37.03	Vertical
62.600000	-73.56	-25.00	48.56	Horizontal
191.650000	-68.58	-25.00	43.58	Horizontal
943.075000	-75.71	-25.00	50.71	Horizontal
4993.875000	-62.15	-25.00	37.15	Horizontal
7491.500000	-54.87	-25.00	29.87	Horizontal
9988.150000	-62.84	-25.00	37.84	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
66.450000	-73.73	-25.00	48.73	Vertical
191.650000	-79.35	-25.00	54.35	Vertical
946.970833	-75.15	-25.00	50.15	Vertical
5168.075000	-58.07	-25.00	33.07	Vertical
7752.150000	-45.71	-25.00	20.71	Vertical
10633.600000	-61.10	-25.00	36.10	Vertical
63.400000	-74.71	-25.00	49.71	Horizontal
191.700000	-67.61	-25.00	42.61	Horizontal
965.212500	-75.28	-25.00	50.28	Horizontal
5168.075000	-59.23	-25.00	34.23	Horizontal
7752.150000	-56.51	-25.00	31.51	Horizontal
10525.700000	-61.54	-25.00	36.54	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.750000	-73.39	-25.00	48.39	Vertical
191.650000	-79.51	-25.00	54.51	Vertical
949.354167	-75.73	-25.00	50.73	Vertical
5341.950000	-58.60	-25.00	33.60	Vertical
8013.450000	-52.77	-25.00	27.77	Vertical
10656.675000	-60.97	-25.00	35.97	Vertical
62.250000	-73.59	-25.00	48.59	Horizontal
191.600000	-68.65	-25.00	43.65	Horizontal
945.641667	-75.79	-25.00	50.79	Horizontal
5342.275000	-56.63	-25.00	31.63	Horizontal
8013.450000	-57.67	-25.00	32.67	Horizontal
10595.250000	-61.66	-25.00	36.66	Horizontal

## 7.2. Test Mode =LTE/TM1 20MHz(Up Antenna)

### 7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.700000	-72.98	-25.00	47.98	Vertical
191.700000	-79.53	-25.00	54.53	Vertical
952.745833	-75.75	-25.00	50.75	Vertical
4941.875000	-65.32	-25.00	40.32	Vertical
7497.025000	-63.36	-25.00	38.36	Vertical
10278.700000	-62.16	-25.00	37.16	Vertical
61.750000	-74.28	-25.00	49.28	Horizontal
191.750000	-68.72	-25.00	43.72	Horizontal
957.558333	-74.81	-25.00	49.81	Horizontal
4893.450000	-64.98	-25.00	39.98	Horizontal
7390.750000	-63.19	-25.00	38.19	Horizontal
9708.325000	-62.58	-25.00	37.58	Horizontal



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### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
69.900000	-73.24	-25.00	48.24	Vertical
191.700000	-79.25	-25.00	54.25	Vertical
967.595833	-75.14	-25.00	50.14	Vertical
5165.800000	-65.31	-25.00	40.31	Vertical
7870.125000	-62.59	-25.00	37.59	Vertical
10586.475000	-61.24	-25.00	36.24	Vertical
63.700000	-74.15	-25.00	49.15	Horizontal
191.750000	-69.33	-25.00	44.33	Horizontal
986.433333	-74.62	-25.00	49.62	Horizontal
5056.925000	-64.99	-25.00	39.99	Horizontal
7751.825000	-61.66	-25.00	36.66	Horizontal
10267.975000	-62.08	-25.00	37.08	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
72.300000	-73.61	-25.00	48.61	Vertical
191.700000	-80.10	-25.00	55.10	Vertical
924.512500	-76.25	-25.00	51.25	Vertical
5375.425000	-65.92	-25.00	40.92	Vertical
7902.300000	-62.37	-25.00	37.37	Vertical
10631.650000	-61.07	-25.00	36.07	Vertical
62.450000	-73.70	-25.00	48.70	Horizontal
191.750000	-68.61	-25.00	43.61	Horizontal
947.750000	-75.17	-25.00	50.17	Horizontal
5390.375000	-65.44	-25.00	40.44	Horizontal
7905.225000	-62.56	-25.00	37.56	Horizontal
10646.600000	-61.66	-25.00	36.66	Horizontal

**Remark:**

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



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## 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-14.40	-0.005746	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-5.60	-0.002235	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-9.40	-0.003751	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-6.60	-0.002545	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-12.70	-0.004898	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-0.30	-0.000116	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-9.40	-0.003507	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-8.10	-0.003022	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-8.30	-0.003097	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	-0.80	-0.000319	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-3.90	-0.001556	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	3.20	0.001277	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-4.60	-0.001774	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	-6.20	-0.002391	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-1.20	-0.000463	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-10.90	-0.004067	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	-13.80	-0.005149	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-11.30	-0.004216	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-16.40	-0.006544	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-5.50	-0.002195	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-22.20	-0.008859	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-11.20	-0.004319	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-0.30	-0.000116	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-1.50	-0.000578	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	-14.00	-0.005224	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-0.80	-0.000299	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-7.00	-0.002612	±2.5	PASS

### 8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-20.50	-0.008180	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-22.70	-0.009058	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-8.10	-0.003232	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-21.30	-0.008500	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-16.90	-0.006744	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-11.50	-0.004589	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-16.30	-0.006504	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-11.60	-0.004474	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-1.80	-0.000694	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-7.10	-0.002738	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-11.60	-0.004474	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-3.20	-0.001234	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-0.40	-0.000154	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-1.70	-0.000656	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-2.60	-0.001003	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-4.10	-0.001530	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	2.20	0.000821	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-7.60	-0.002836	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	0.80	0.000299	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-3.30	-0.001231	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-10.30	-0.003843	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-9.80	-0.003657	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-1.00	-0.000373	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	0.50	0.000200	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-2.20	-0.000878	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-10.60	-0.004230	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-7.00	-0.002793	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	4.60	0.001836	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	-1.20	-0.000479	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	-9.40	-0.003751	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	-5.90	-0.002275	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-11.30	-0.004358	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-4.10	-0.001581	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-8.90	-0.003432	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	1.90	0.000733	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	-7.20	-0.002777	±2.5	PASS



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Band41	20MHz	64QAM	40620	100RB#0	NV	40	-5.80	-0.002237	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-7.60	-0.002931	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	-8.90	-0.003321	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	-5.50	-0.002052	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	-2.20	-0.000821	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-12.70	-0.004739	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	-9.20	-0.003433	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	-5.10	-0.001903	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-2.00	-0.000746	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	0.20	0.000075	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-10.60	-0.004230	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-12.80	-0.005108	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-6.30	-0.002514	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-10.90	-0.004350	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-21.20	-0.008460	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-10.20	-0.004070	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-7.80	-0.003113	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-2.80	-0.001117	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-11.00	-0.004242	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-4.70	-0.001813	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	2.10	0.000810	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-11.50	-0.004435	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-7.40	-0.002854	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-2.90	-0.001118	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	0.70	0.000270	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	0.50	0.000193	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	0.80	0.000299	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-12.20	-0.004552	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-5.80	-0.002164	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-1.90	-0.000709	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-3.90	-0.001455	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-12.20	-0.004552	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-8.90	-0.003321	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-6.00	-0.002239	±2.5	PASS



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