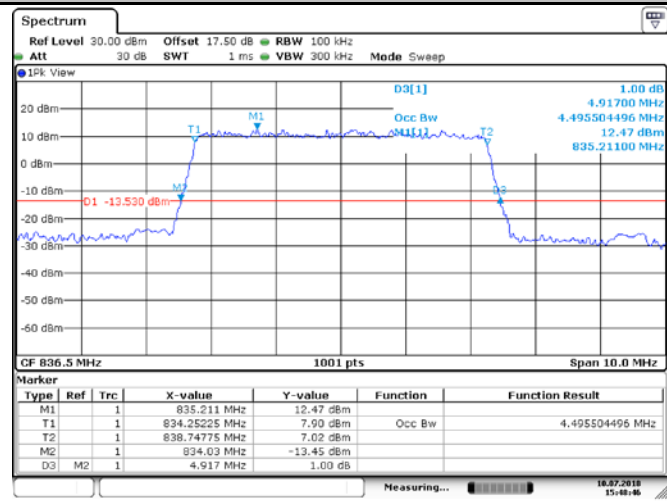
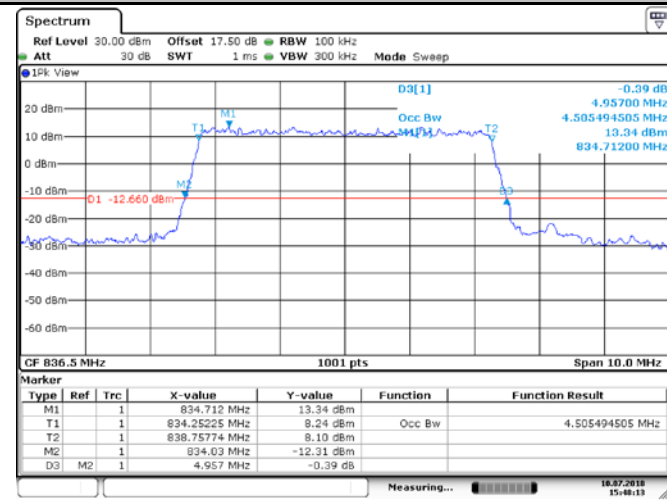


LTE Band4: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK

16QAM



Date: 10 JUL 2018 15:48:12

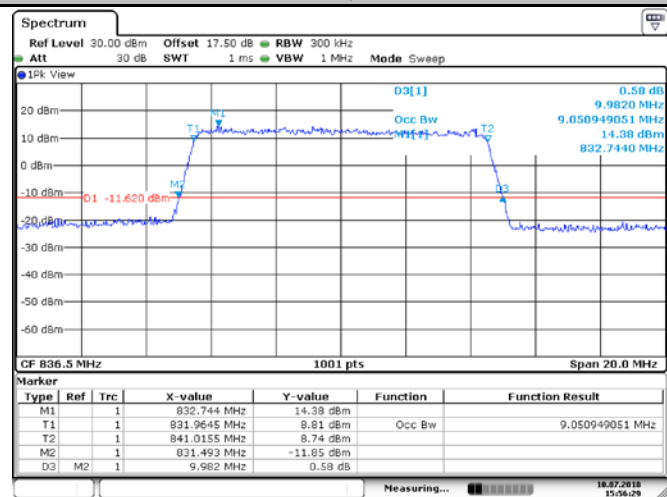
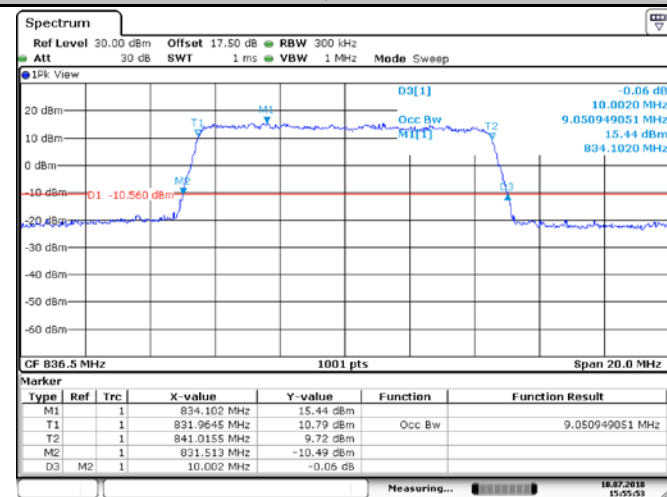
Date: 10 JUL 2018 15:48:46

LTE Band5: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK

16QAM



Date: 10 JUL 2018 15:55:53

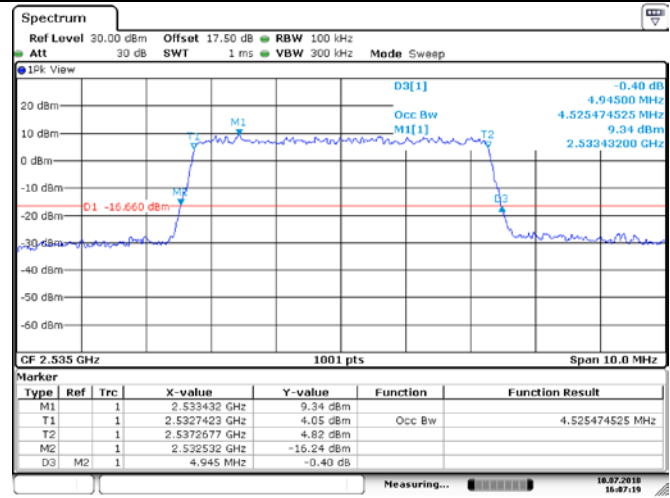
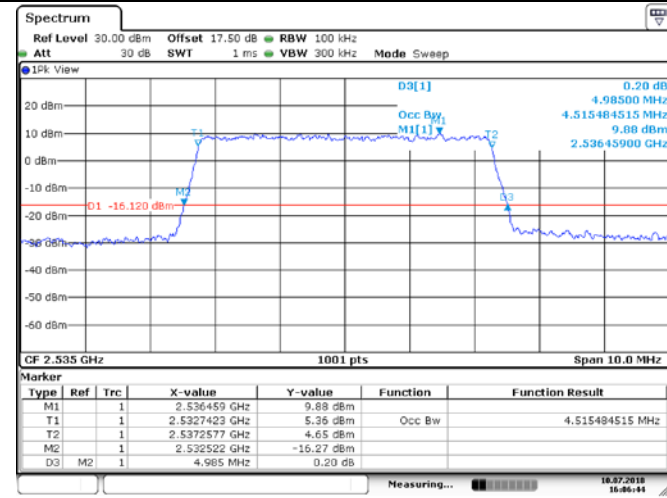
Date: 10 JUL 2018 15:56:29

## LTE Band7: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK

16QAM



Date: 10.JUL.2018 16:06:44

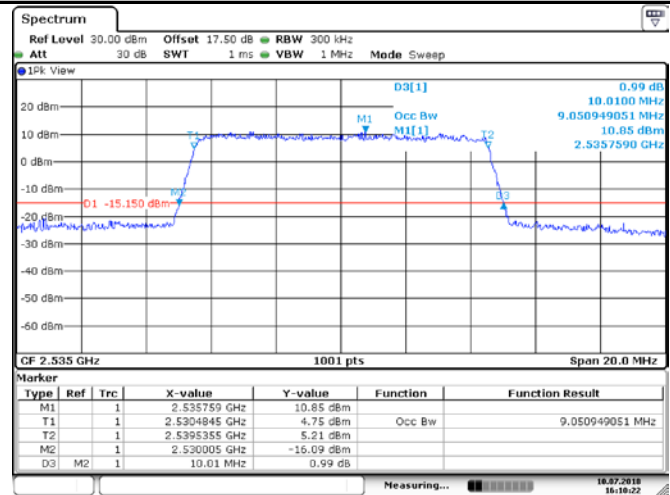
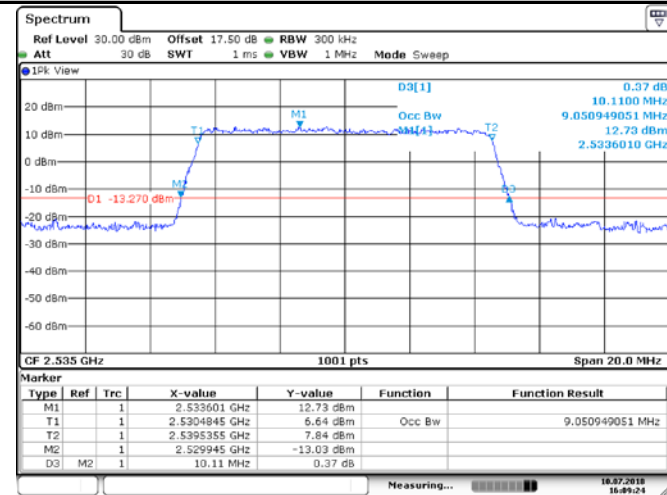
Date: 10.JUL.2018 16:07:19

## LTE Band7: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK

16QAM

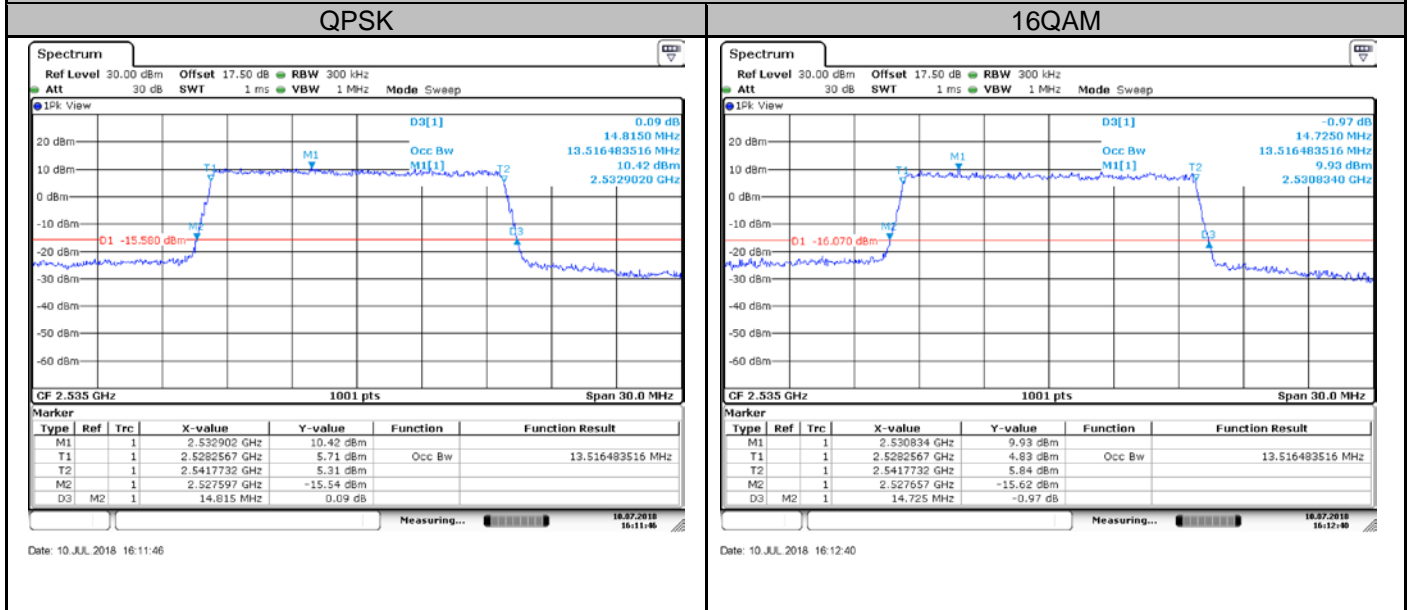


Date: 10.JUL.2018 16:09:24

Date: 10.JUL.2018 16:10:22

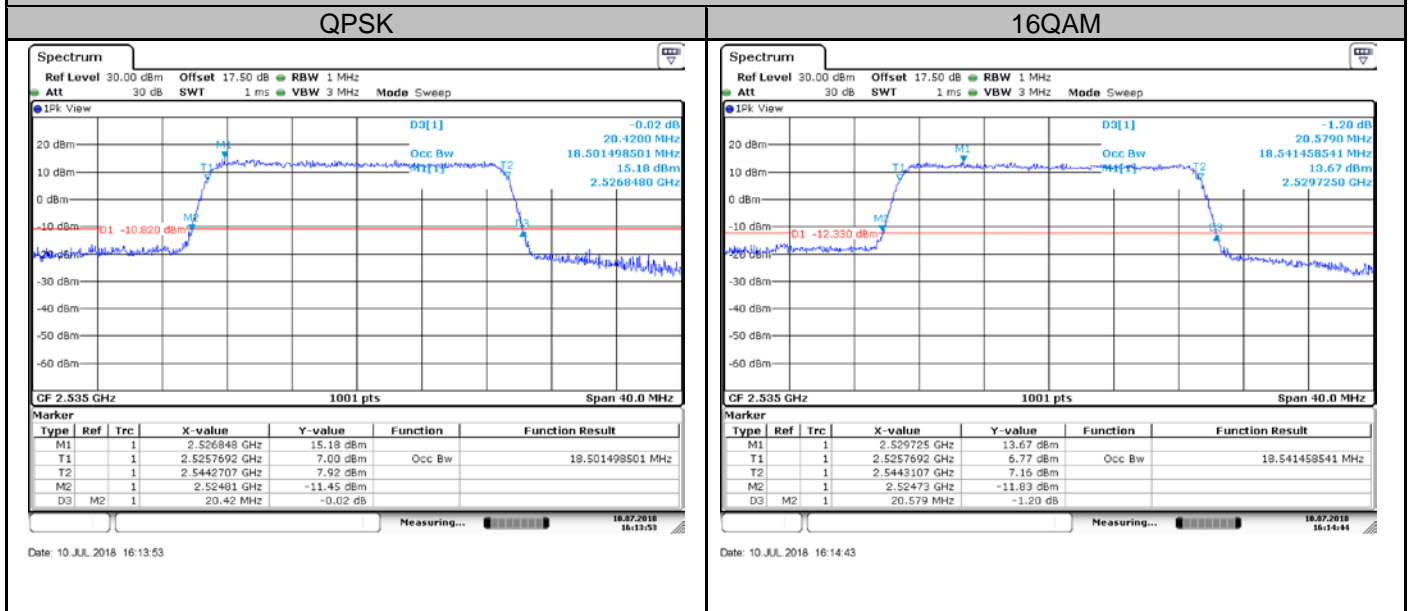
LTE Band7: Occupied Bandwidth and Emission Bandwidth

Test BW: 15MHz - Middle Channel



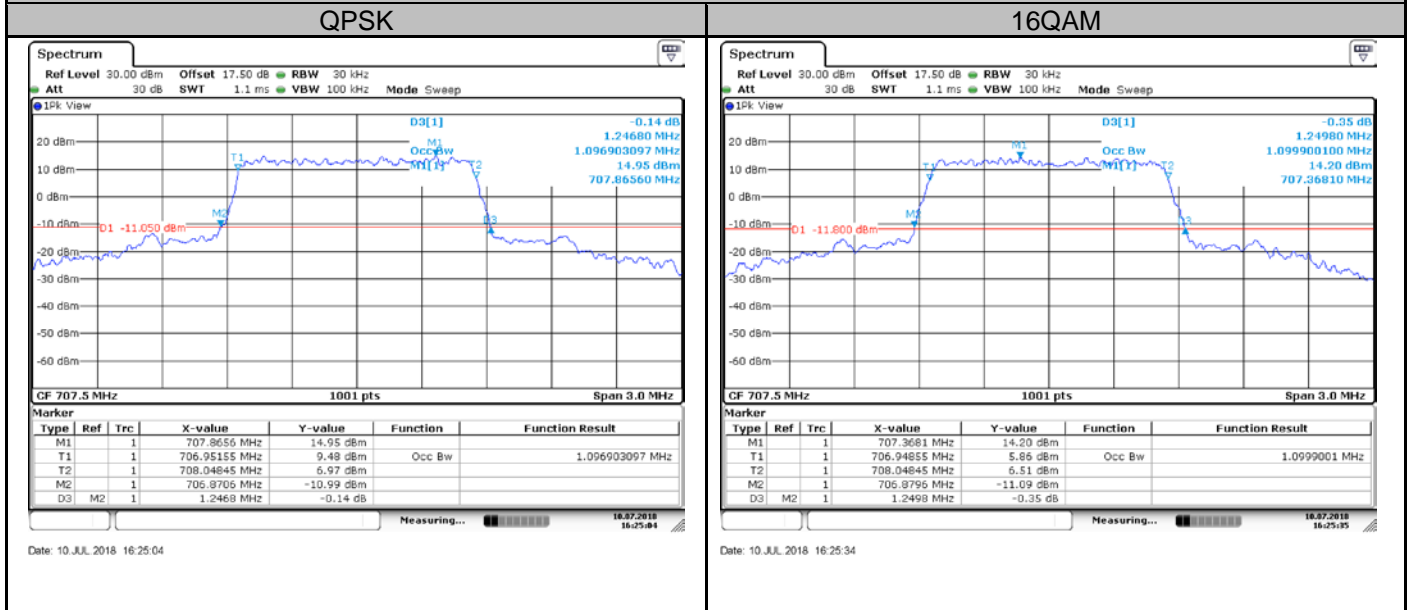
LTE Band7: Occupied Bandwidth and Emission Bandwidth

Test BW: 20MHz - Middle Channel



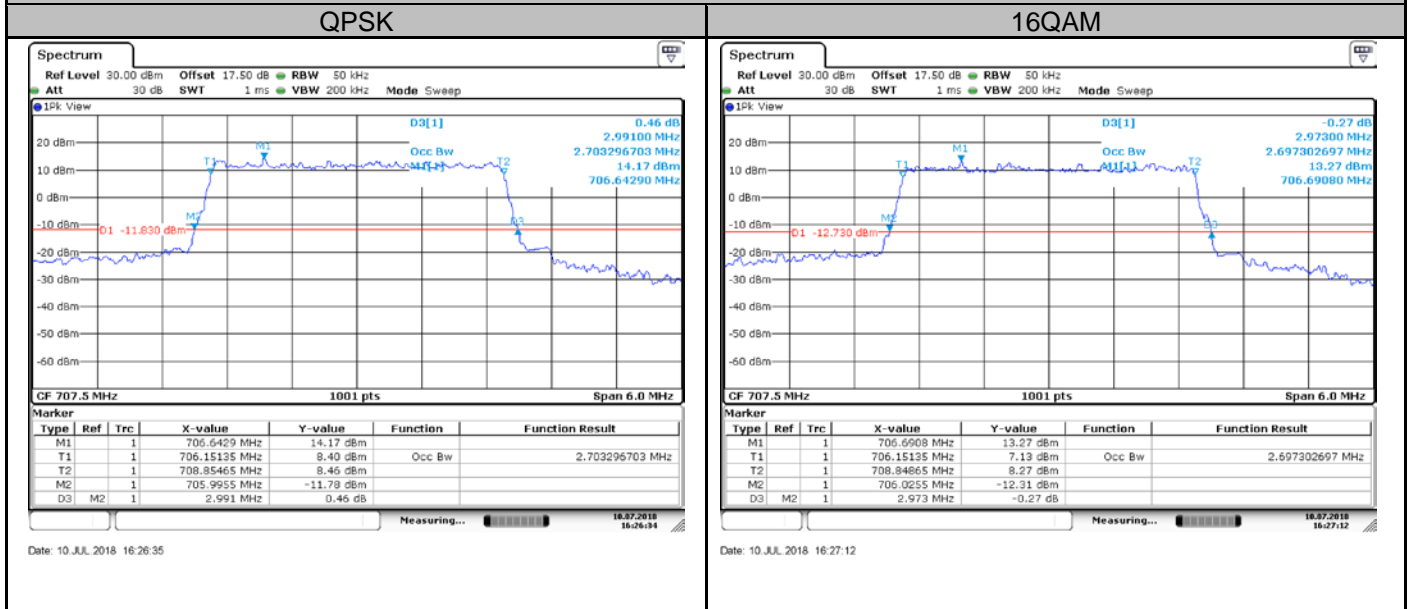
LTE Band12: Occupied Bandwidth and Emission Bandwidth

Test BW: 1.4MHz - Middle Channel



LTE Band12: Occupied Bandwidth and Emission Bandwidth

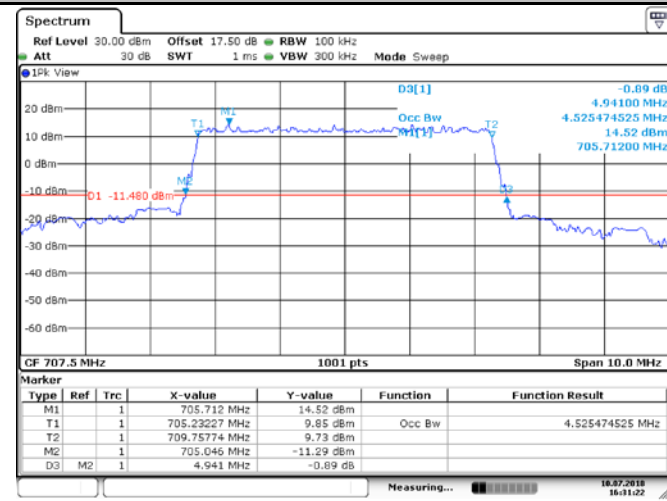
Test BW: 3MHz - Middle Channel



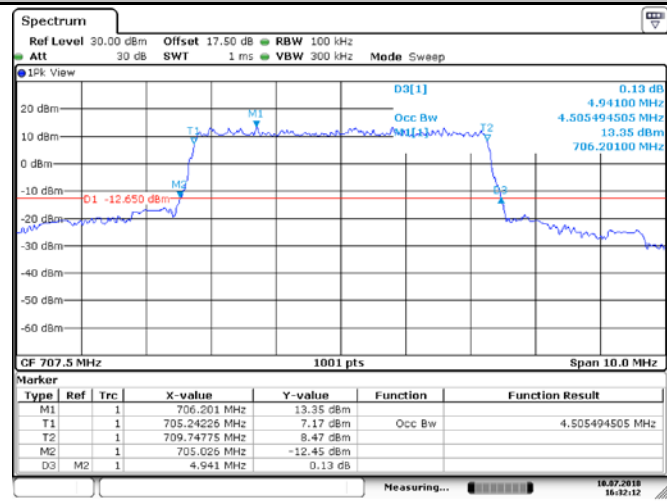
LTE Band12: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK



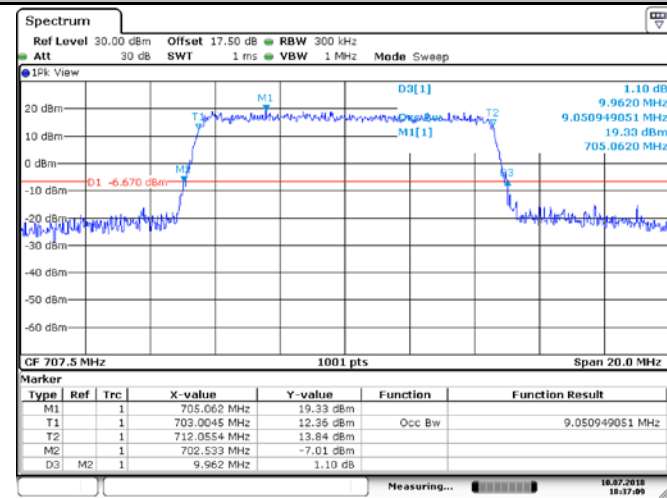
16QAM



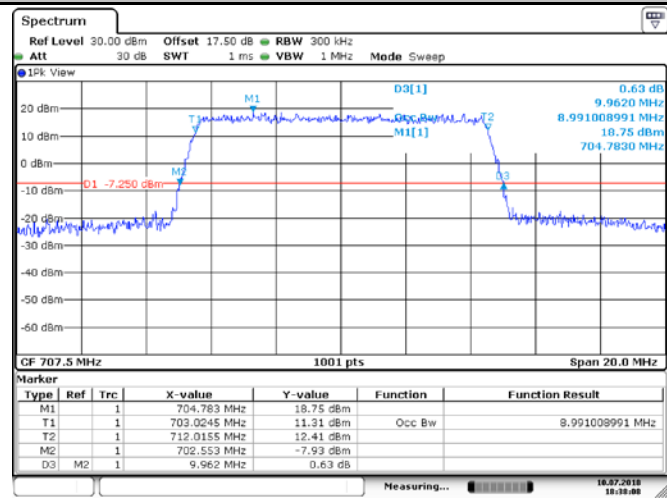
LTE Band12: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK



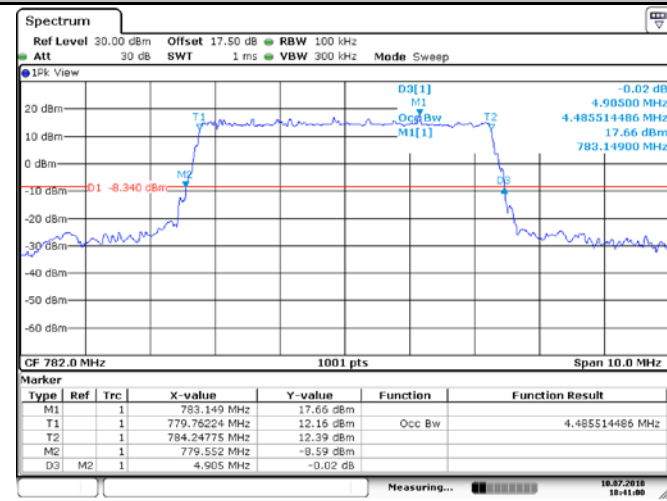
16QAM



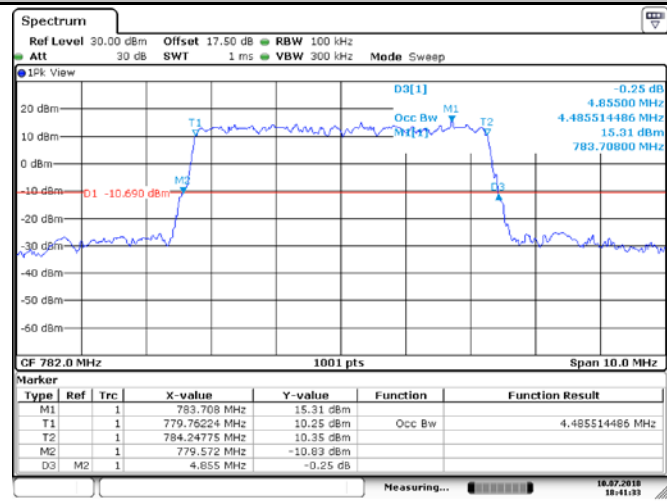
LTE Band13: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK



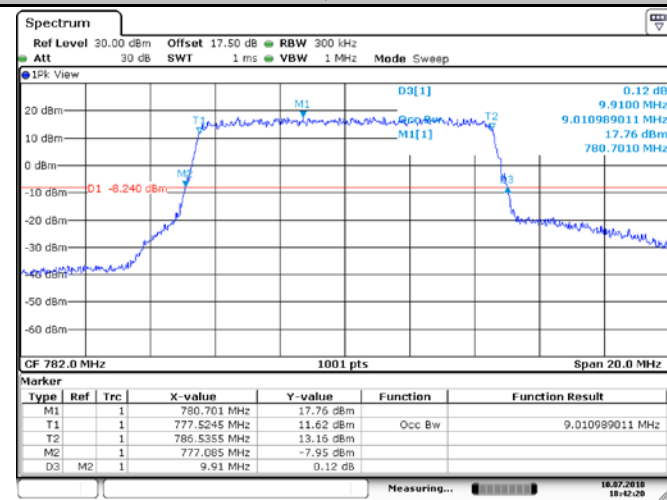
16QAM



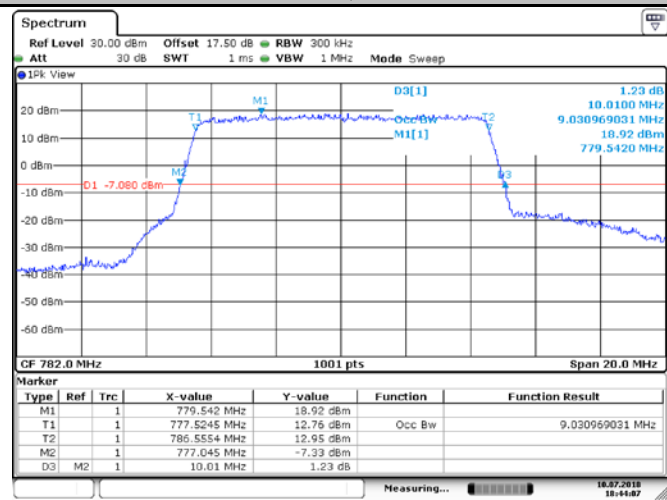
LTE Band13: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK



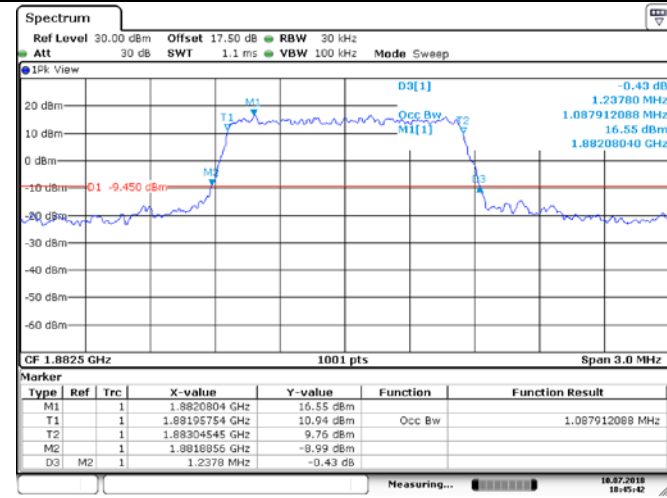
16QAM



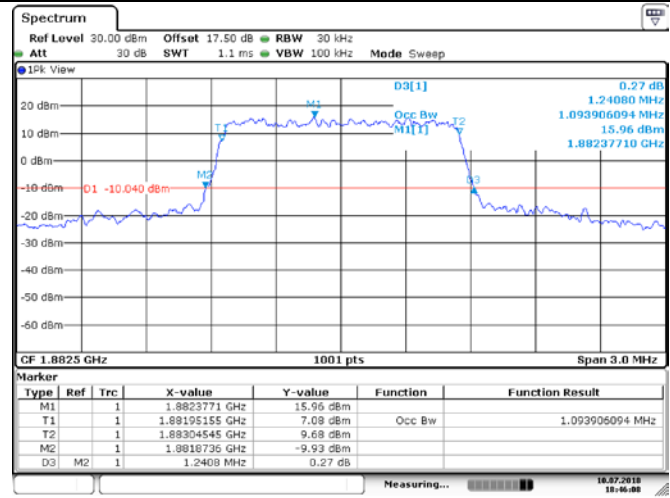
LTE Band25: Occupied Bandwidth and Emission Bandwidth

Test BW: 1.4MHz - Middle Channel

QPSK



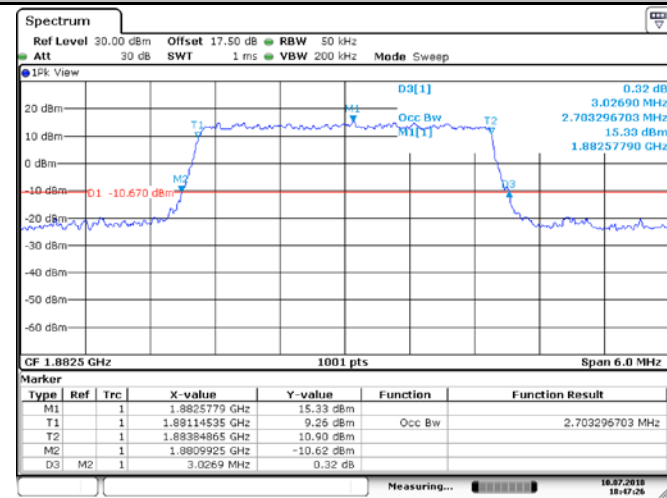
16QAM



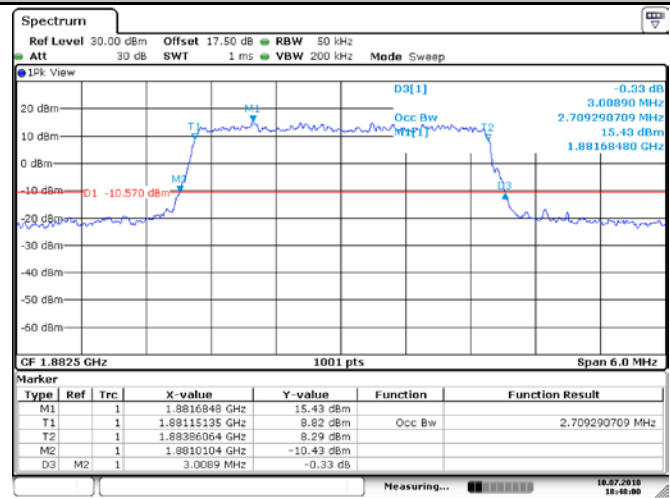
LTE Band25: Occupied Bandwidth and Emission Bandwidth

Test BW: 3MHz - Middle Channel

QPSK

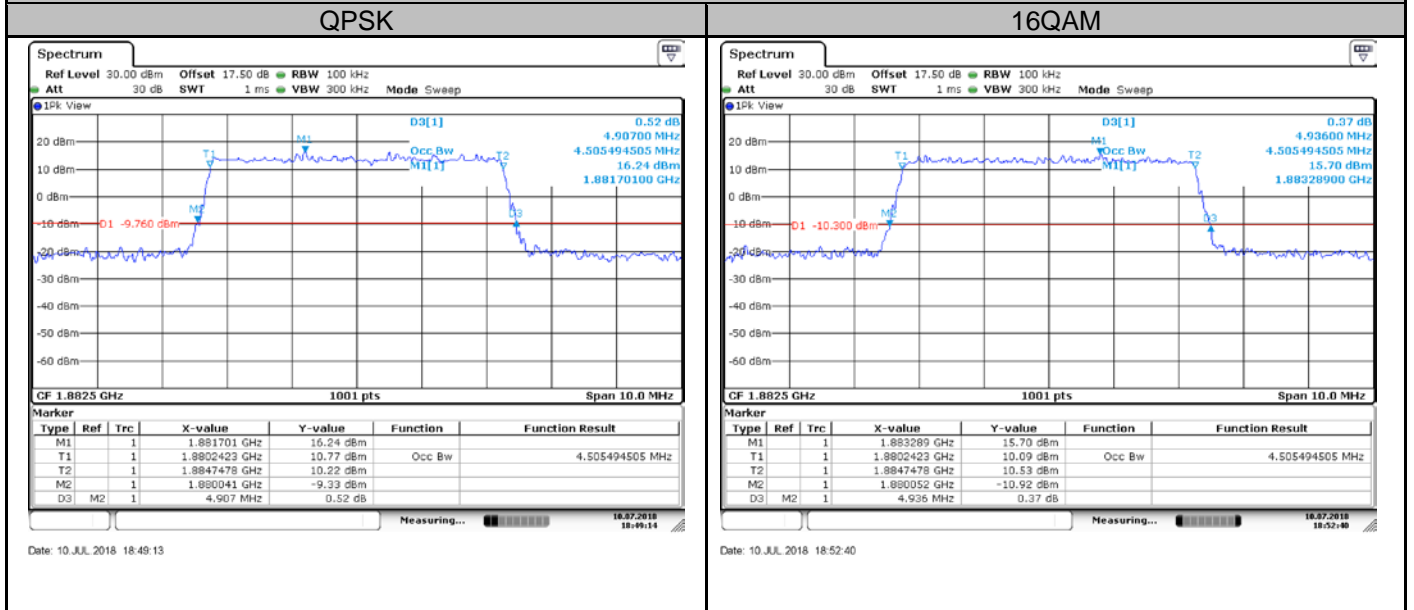


16QAM



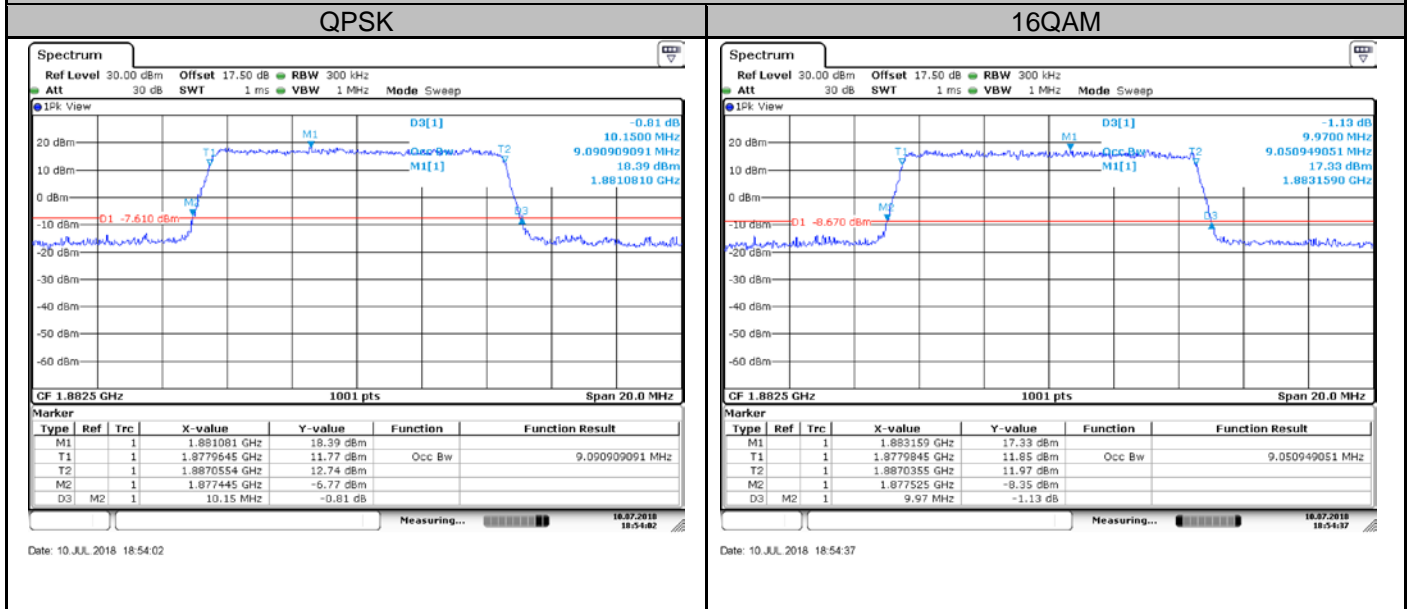
LTE Band25: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel



LTE Band25: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

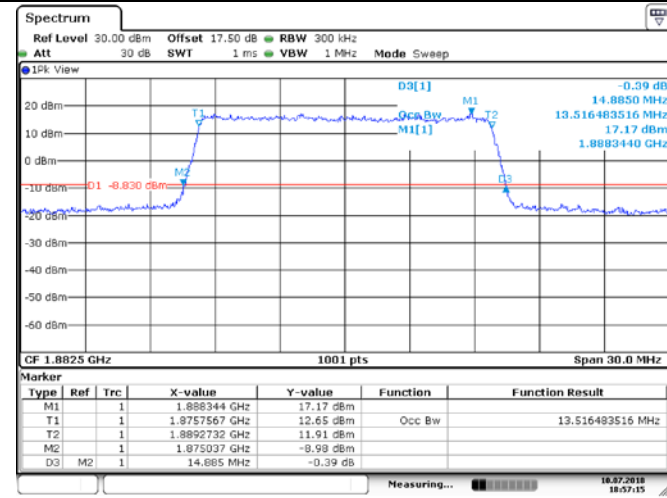




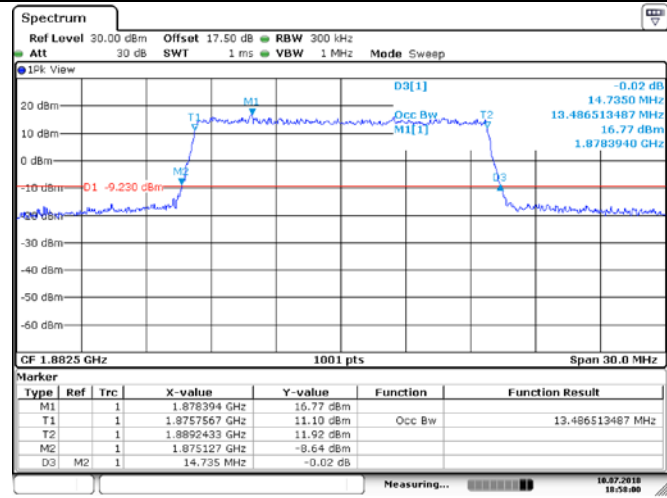
LTE Band25: Occupied Bandwidth and Emission Bandwidth

Test BW: 15MHz - Middle Channel

QPSK



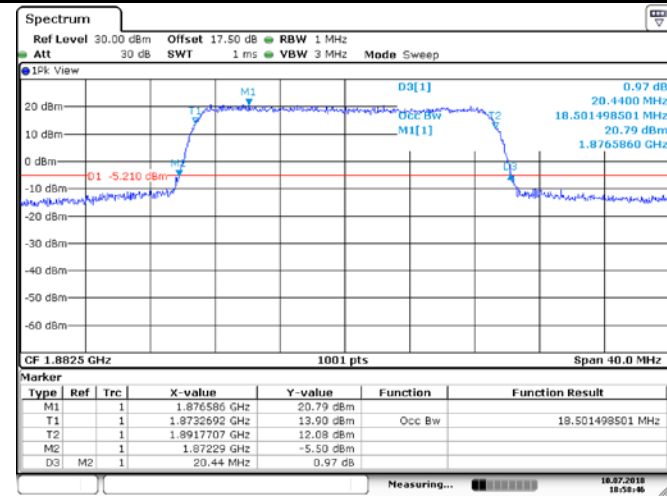
16QAM



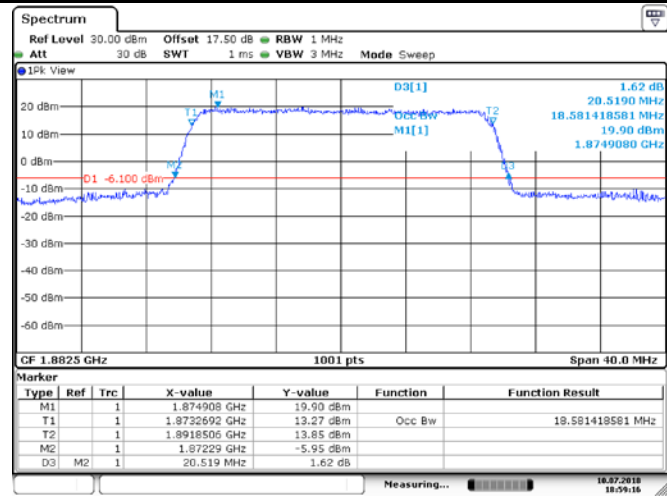
LTE Band25: Occupied Bandwidth and Emission Bandwidth

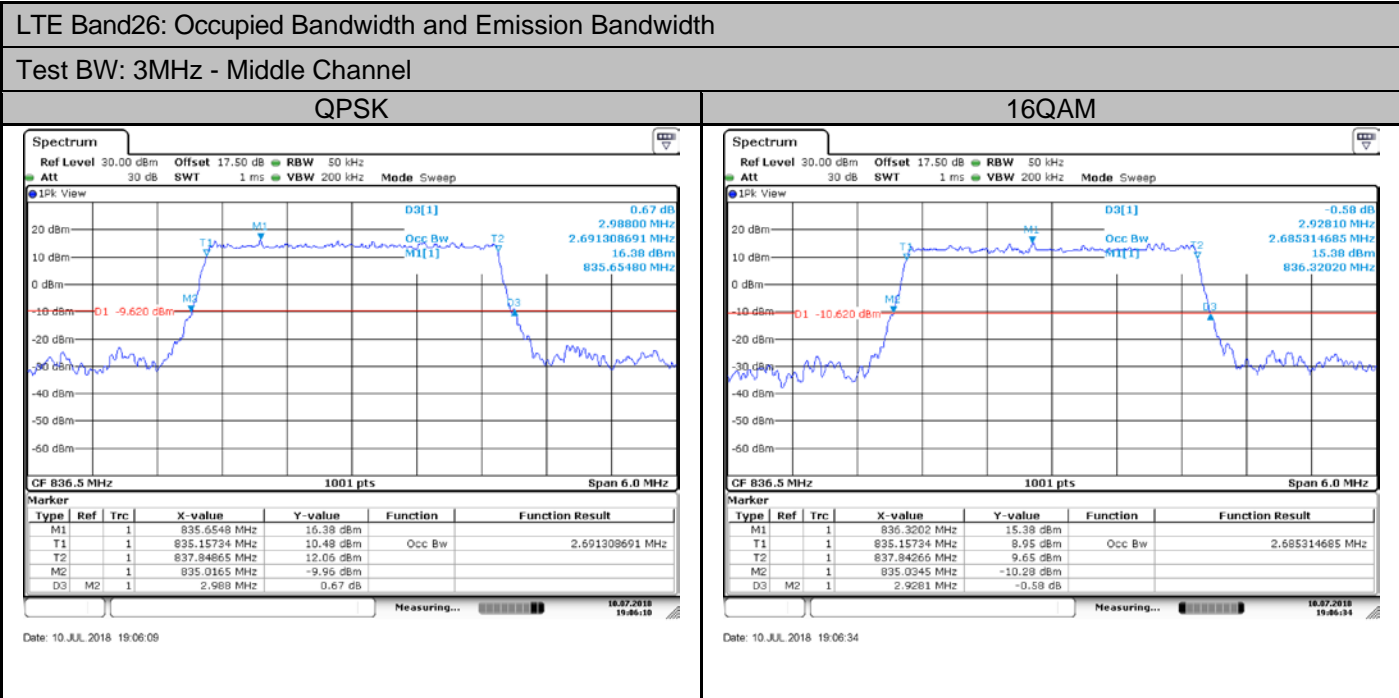
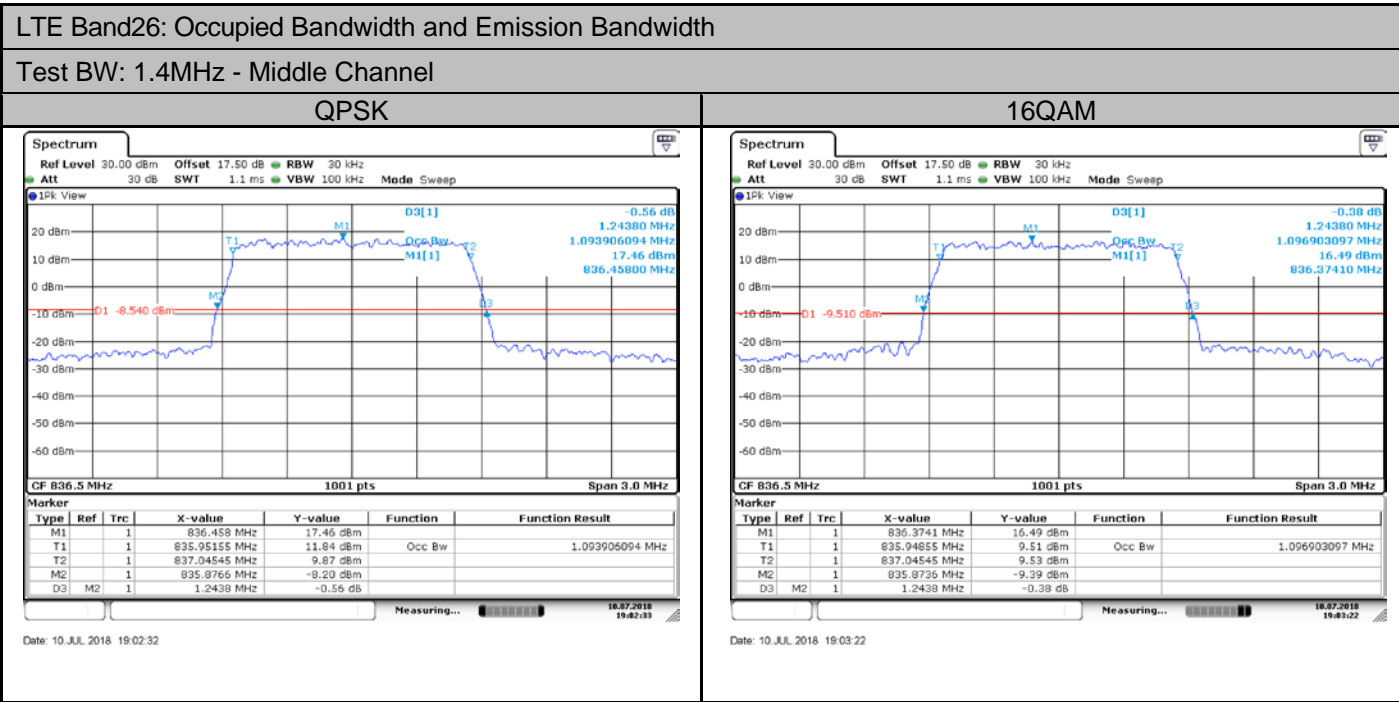
Test BW: 20MHz - Middle Channel

QPSK



16QAM

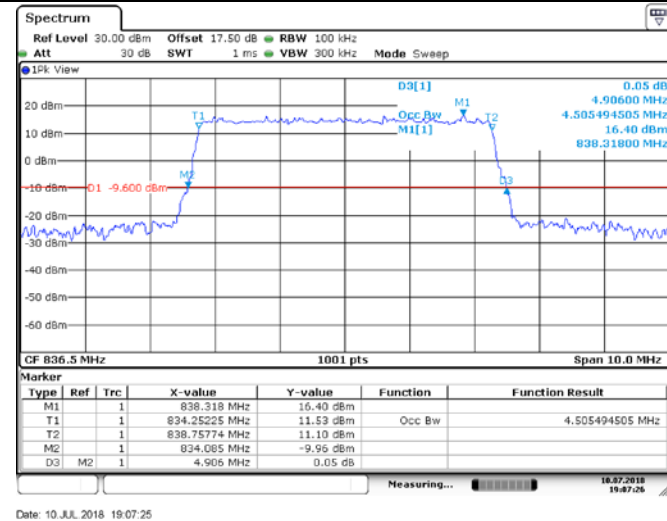




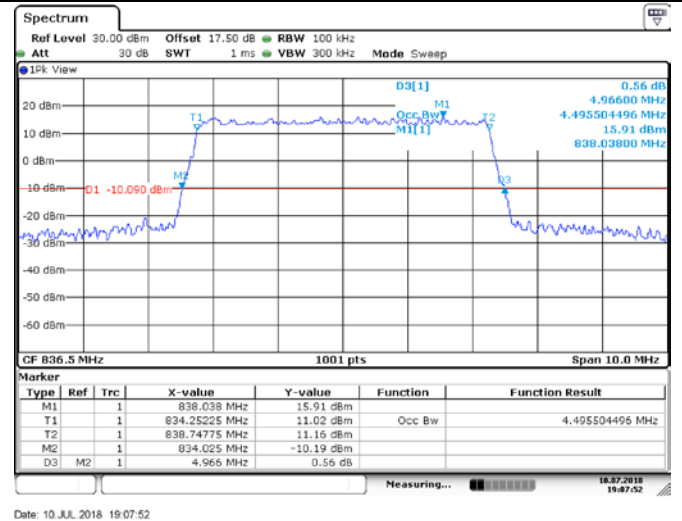
LTE Band26: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK



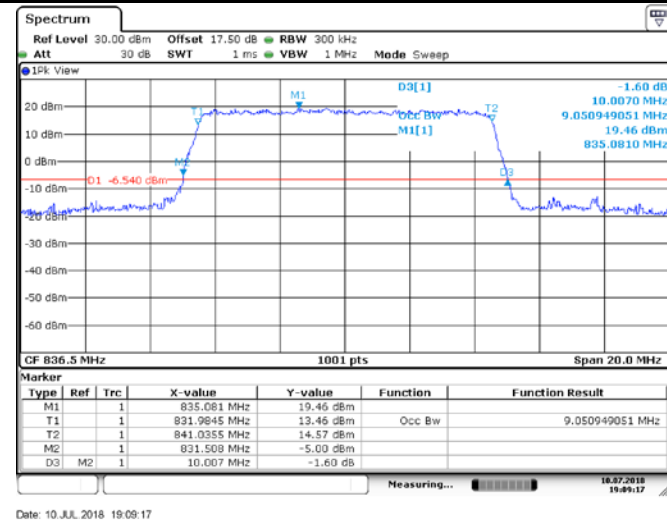
16QAM



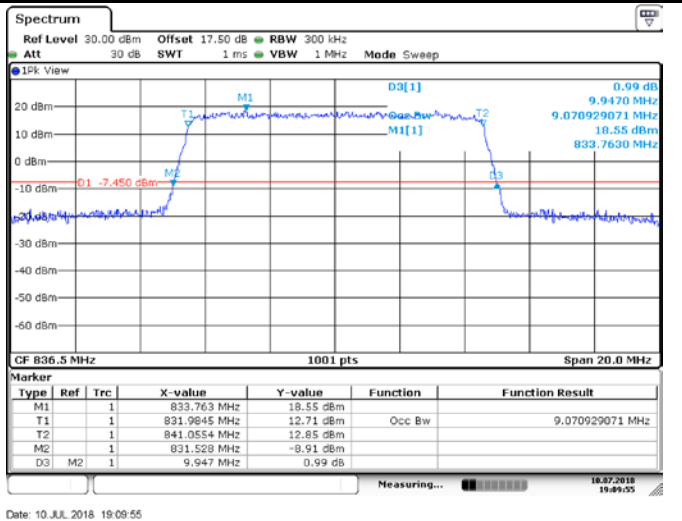
LTE Band26: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK



16QAM

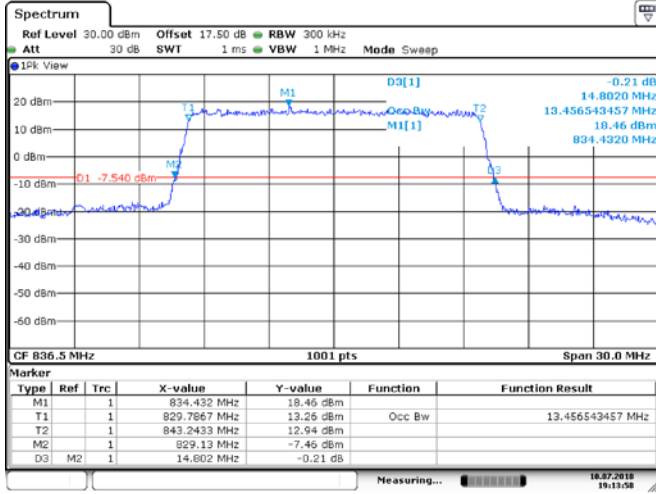


LTE Band26: Occupied Bandwidth and Emission Bandwidth

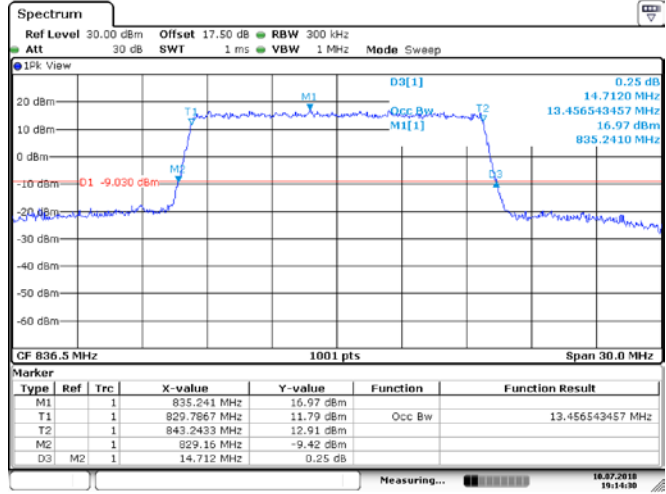
Test BW: 15MHz - Middle Channel

QPSK

16QAM



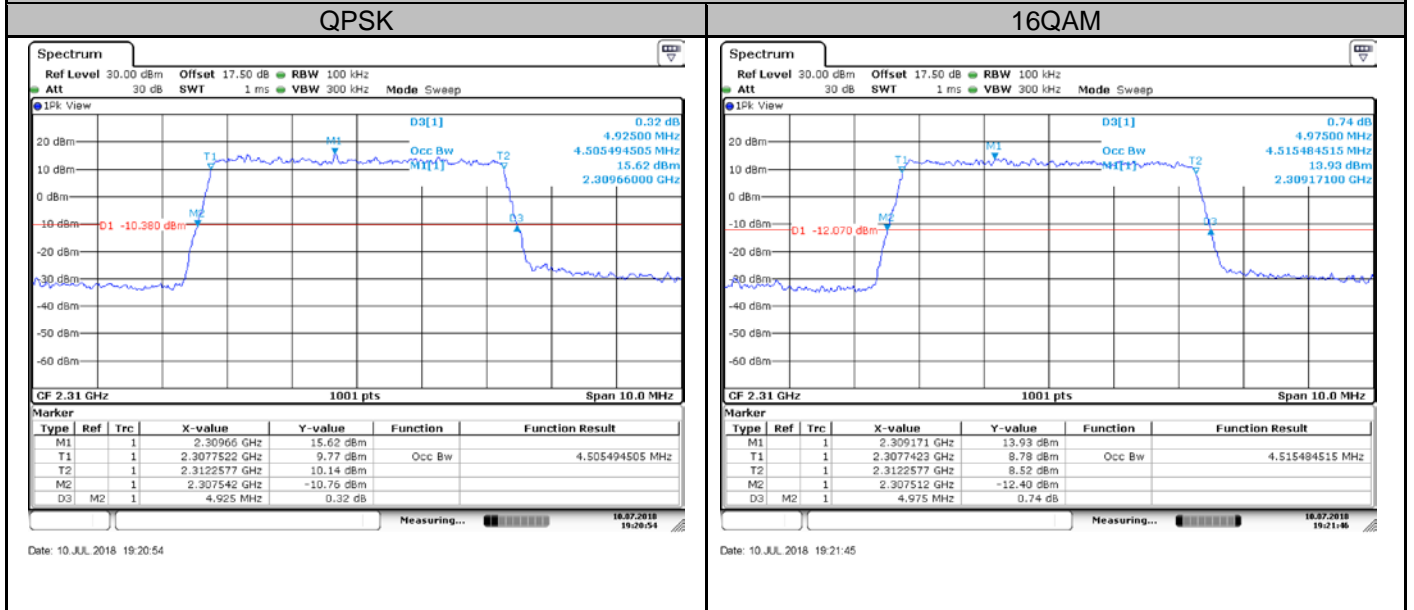
Date: 10 JUL 2018 19:13:58



Date: 10 JUL 2018 19:14:29

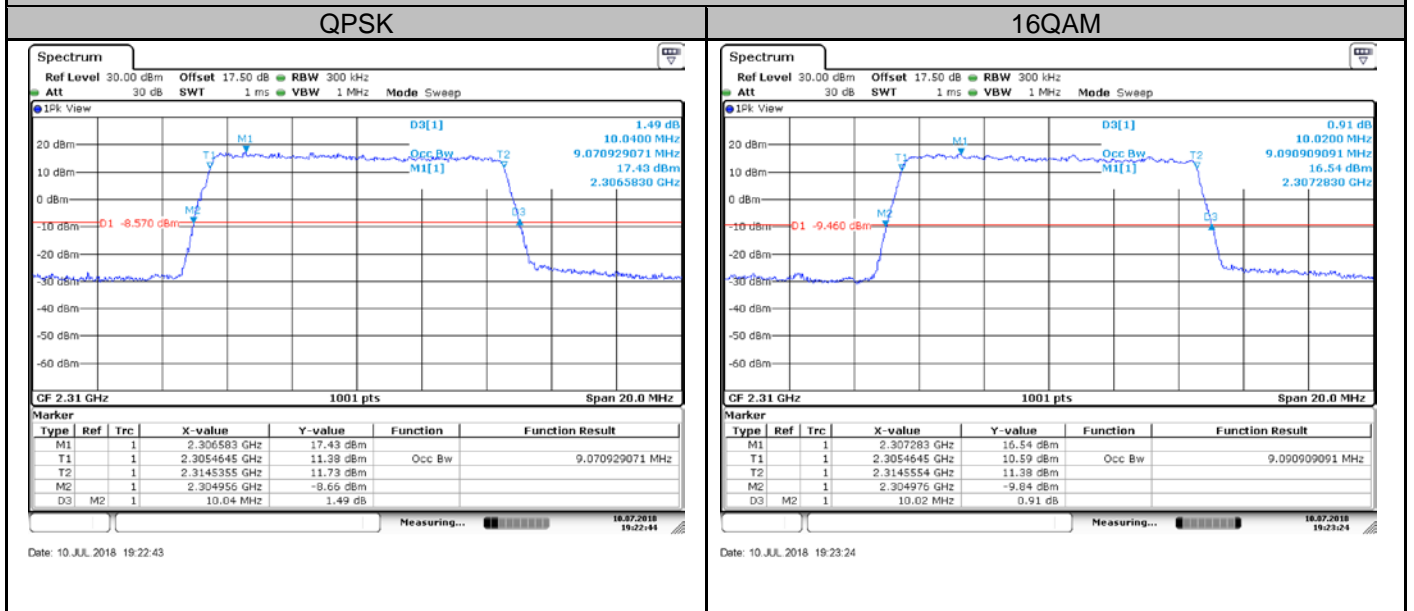
LTE Band30: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel



LTE Band30: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

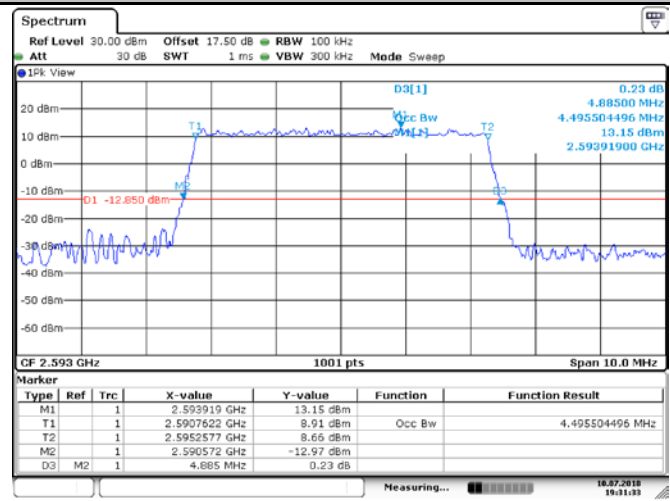
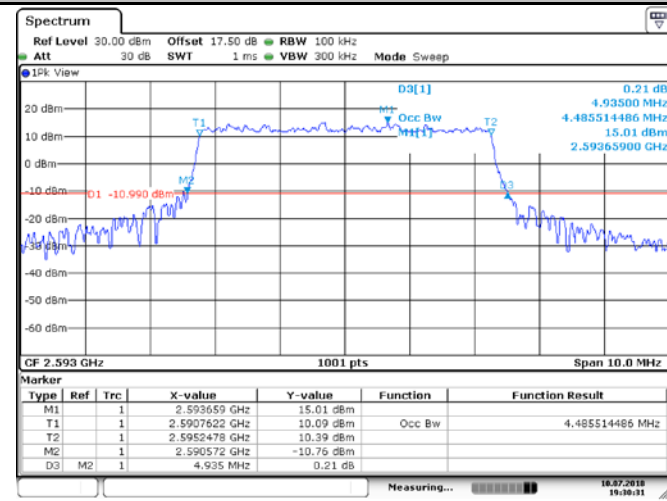


LTE Band41: Occupied Bandwidth and Emission Bandwidth

Test BW: 5MHz - Middle Channel

QPSK

16QAM



Date: 10 JUL 2018 19:30:31

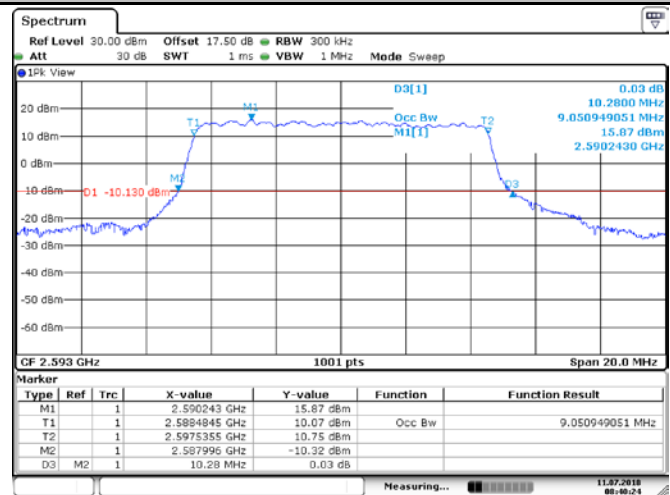
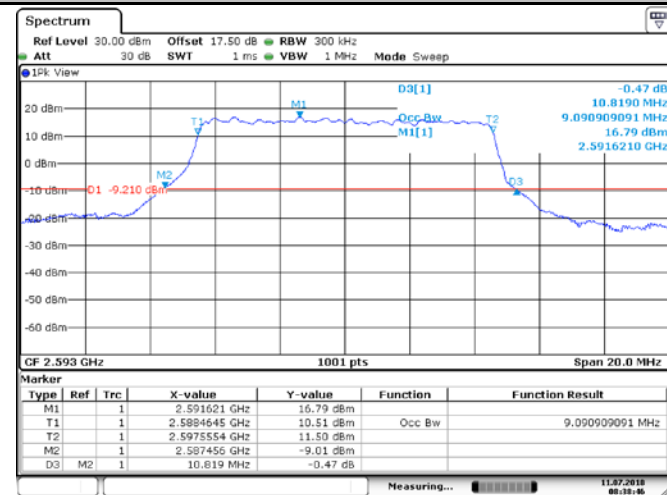
Date: 10 JUL 2018 19:31:32

LTE Band41: Occupied Bandwidth and Emission Bandwidth

Test BW: 10MHz - Middle Channel

QPSK

16QAM

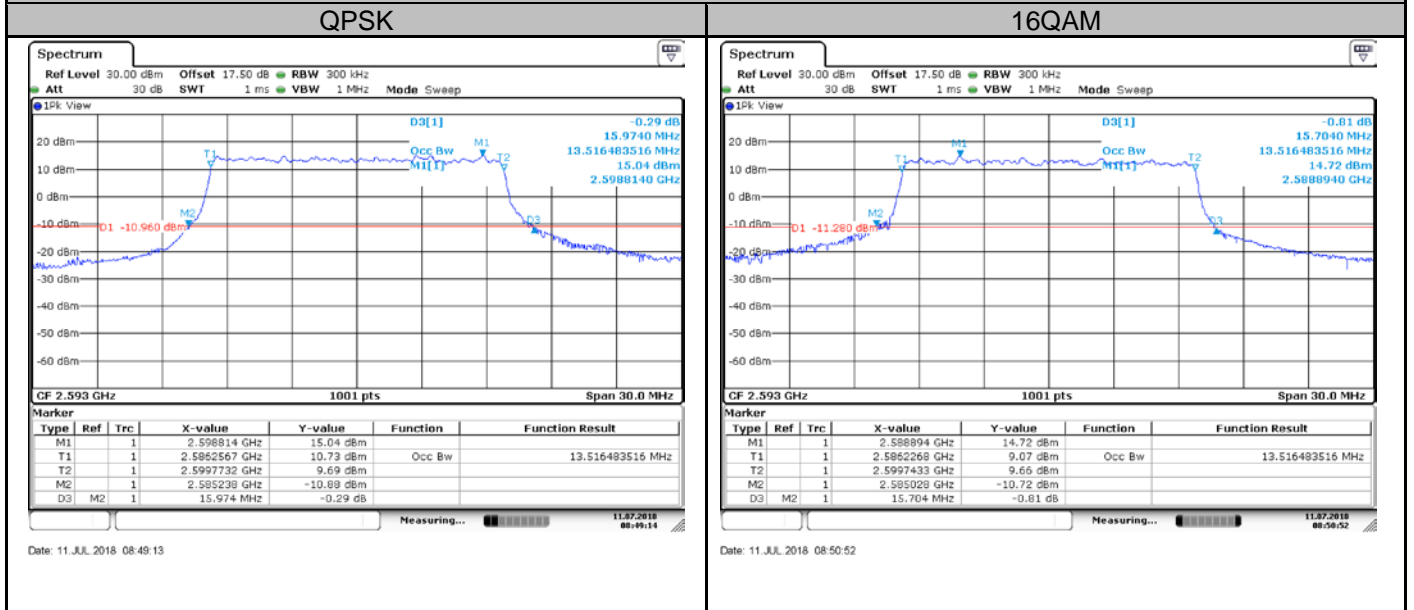


Date: 11 JUL 2018 08:38:45

Date: 11 JUL 2018 08:40:24

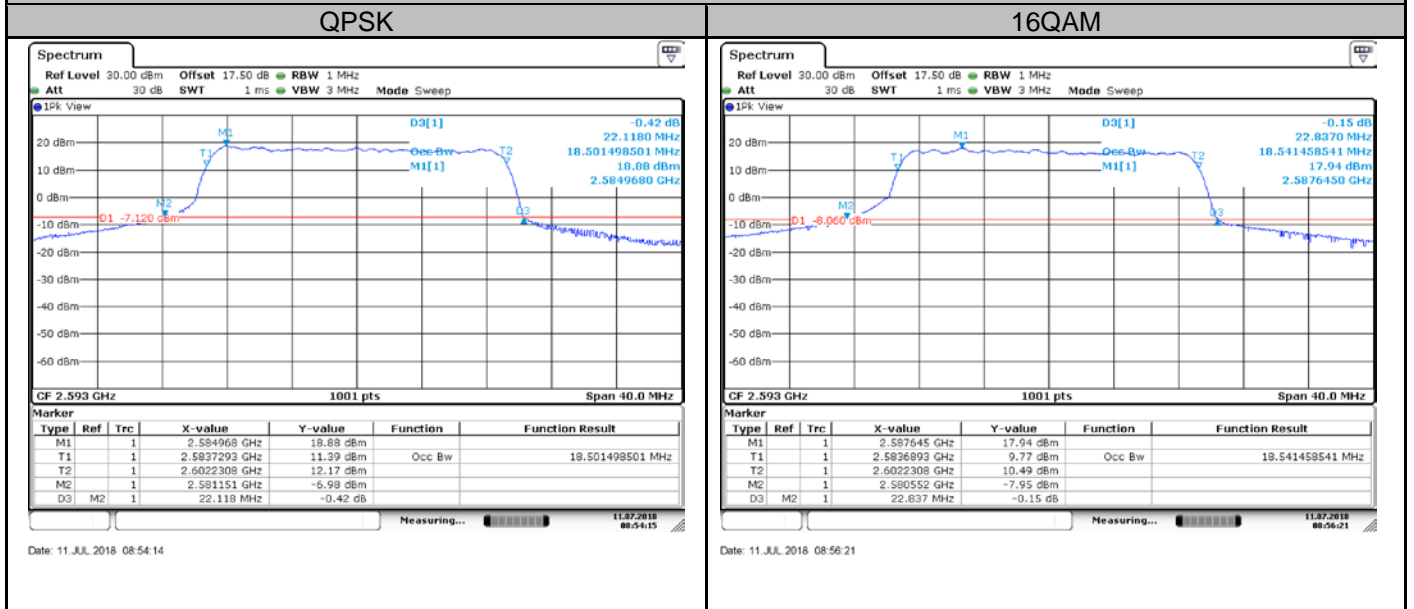
LTE Band41: Occupied Bandwidth and Emission Bandwidth

Test BW: 15MHz - Middle Channel



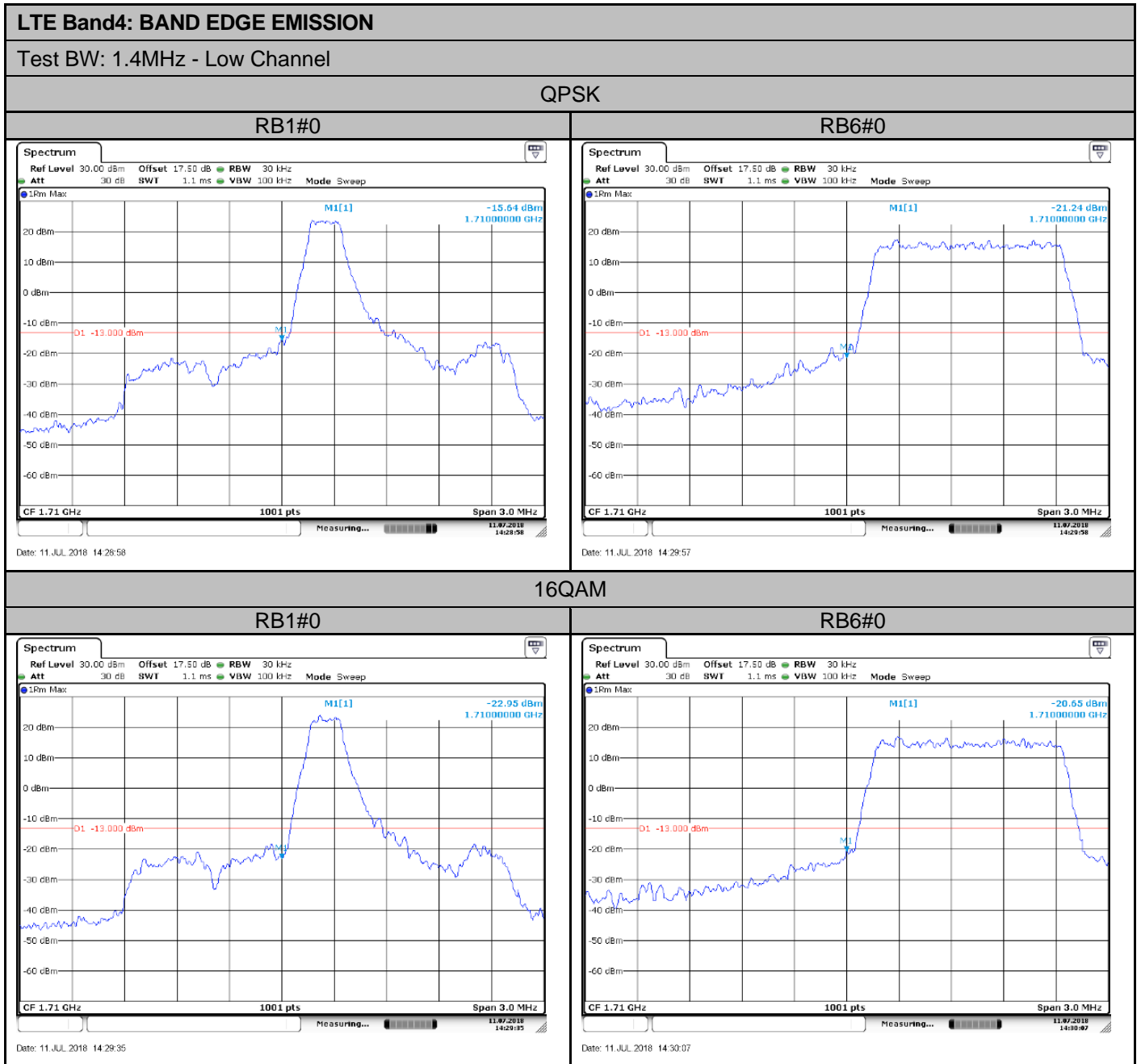
LTE Band41: Occupied Bandwidth and Emission Bandwidth

Test BW: 20MHz - Middle Channel



**APPENDIX D: TEST DATA FOR BAND EDGE EMISSION**

Test plots as follow:





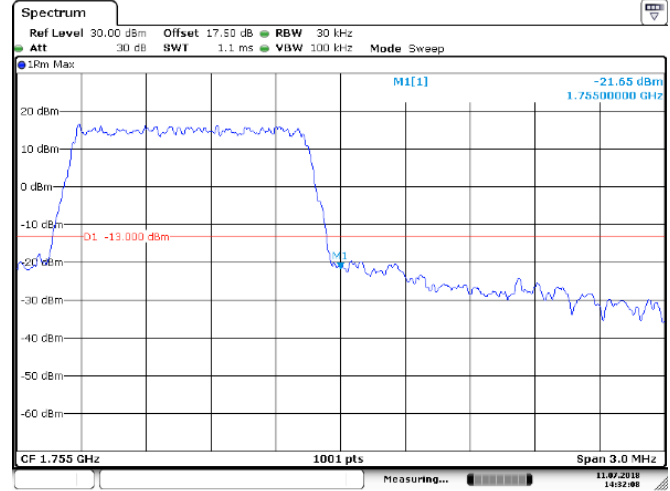
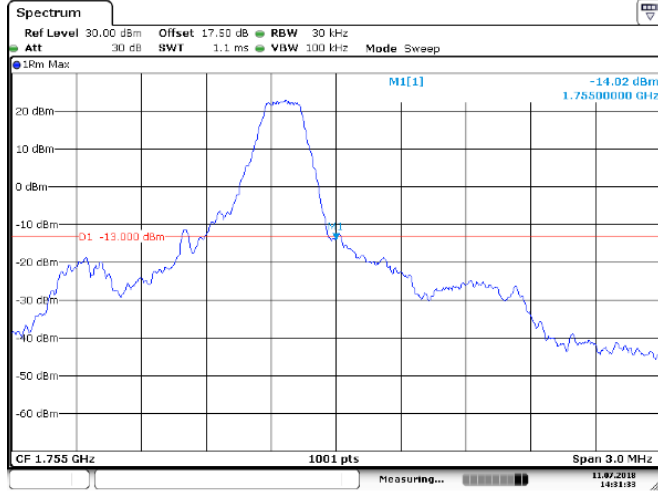
**LTE Band4: BAND EDGE EMISSION**

Test BW: 1.4MHz - High Channel

**QPSK**

**RB1#5**

**RB6#0**



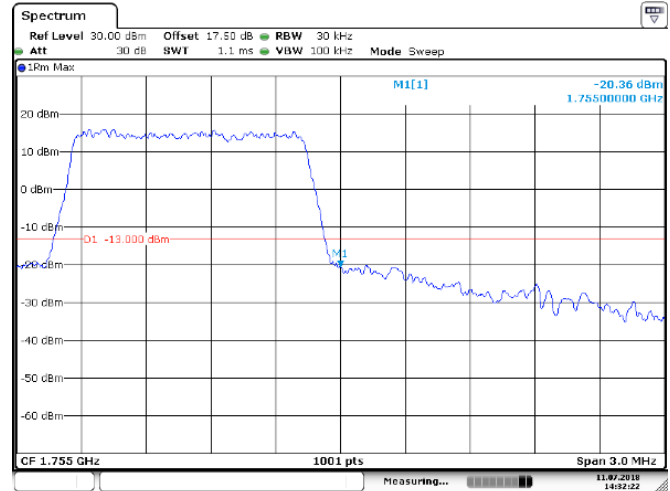
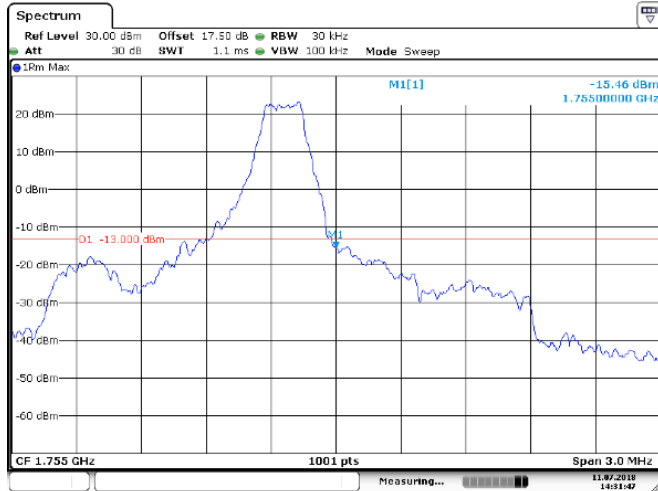
Date: 11.JUL.2018 14:31:33

Date: 11.JUL.2018 14:32:08

**16QAM**

**RB1#5**

**RB6#0**



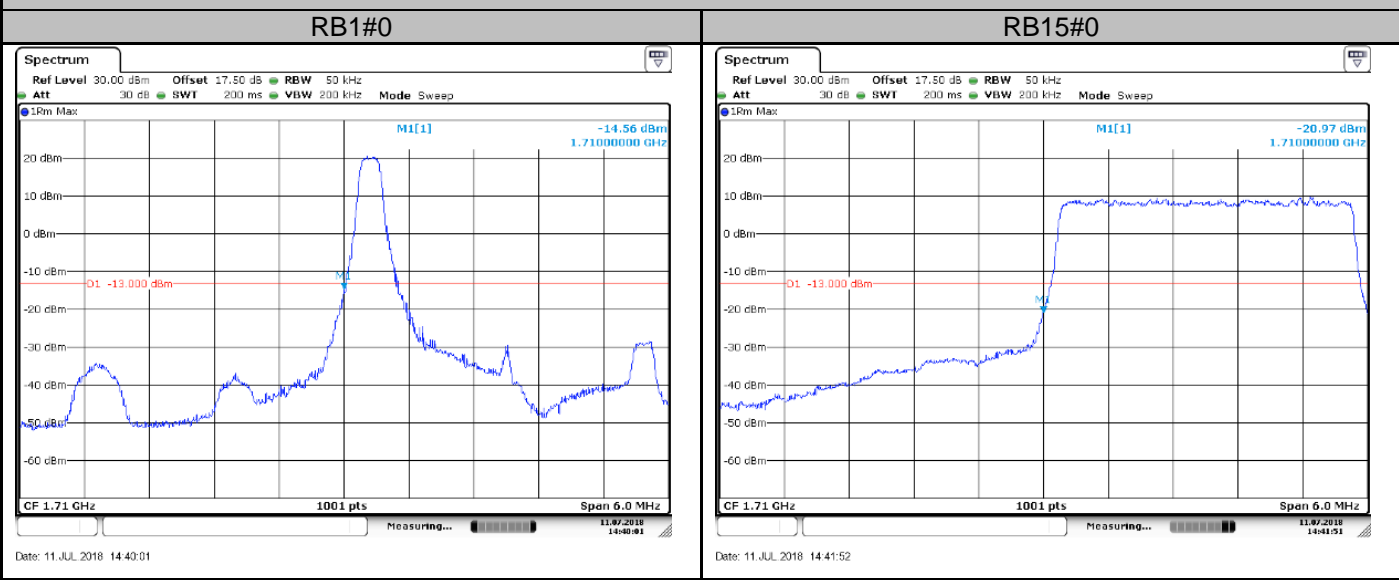
Date: 11.JUL.2018 14:31:47

Date: 11.JUL.2018 14:32:22

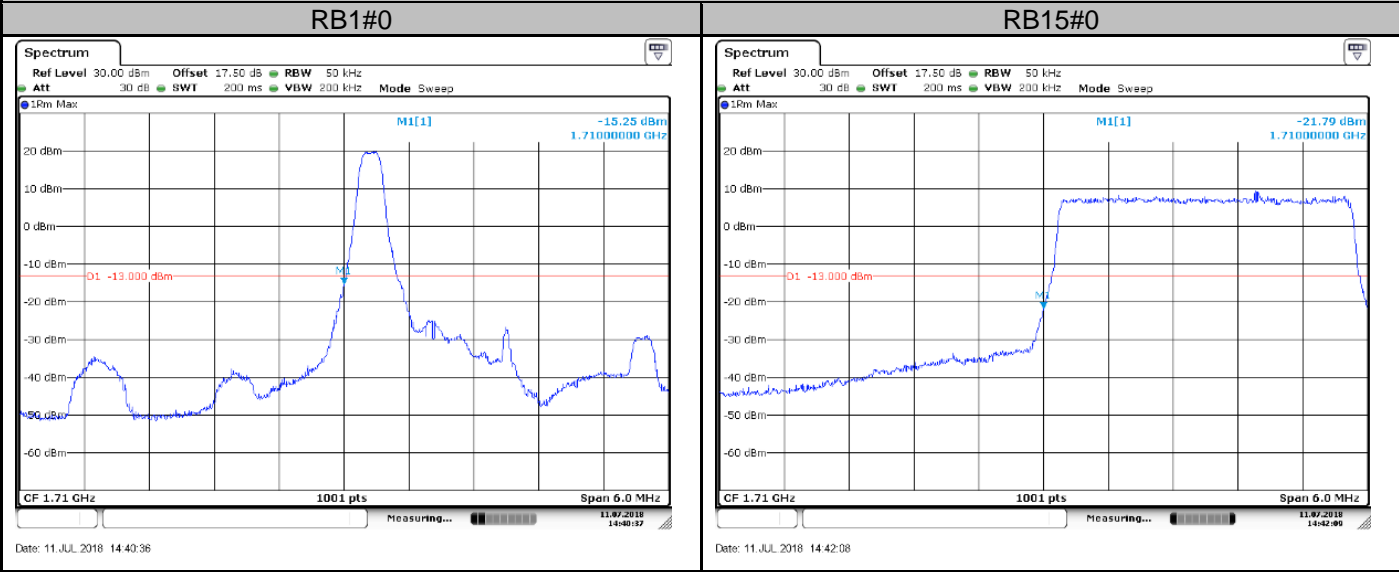
**LTE Band4: BAND EDGE EMISSION**

Test BW: 3MHz - Low Channel

**QPSK**



**16QAM**



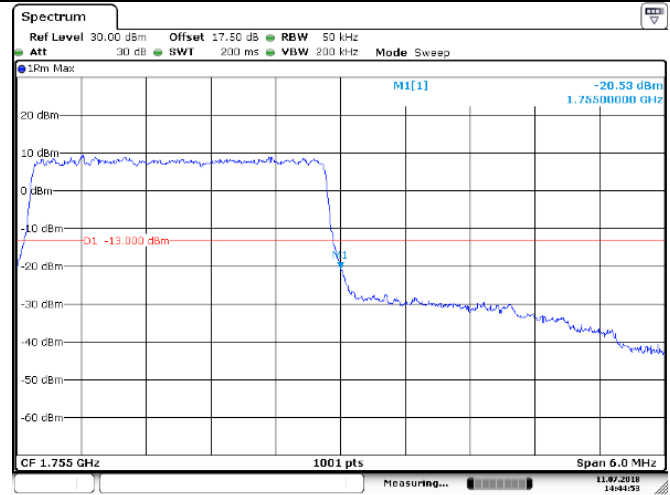
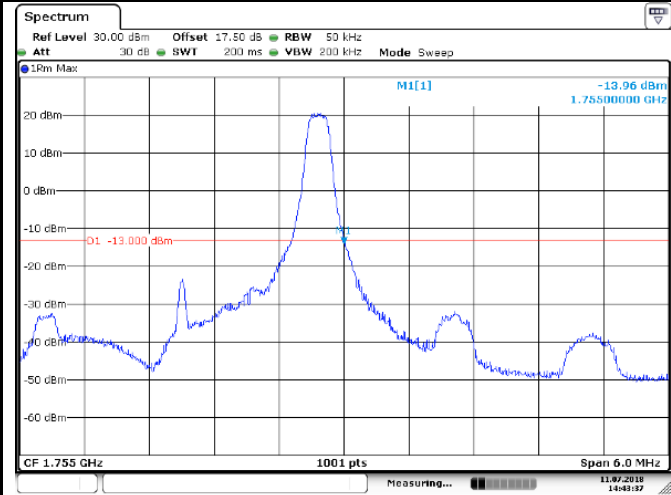
**LTE Band4: BAND EDGE EMISSION**

Test BW: 3MHz - High Channel

**QPSK**

**RB1#14**

**RB15#0**



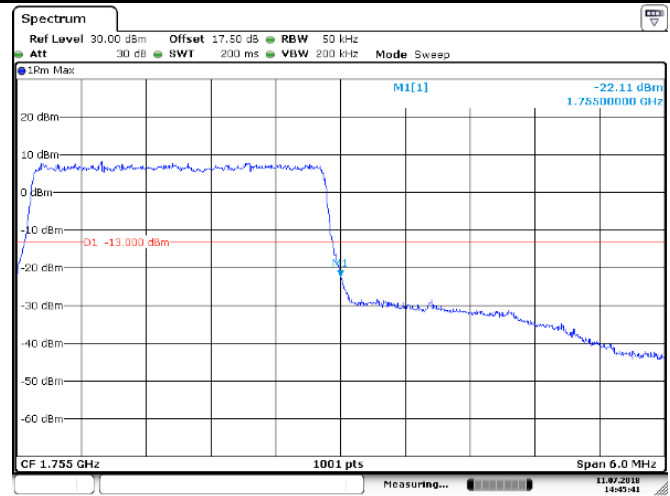
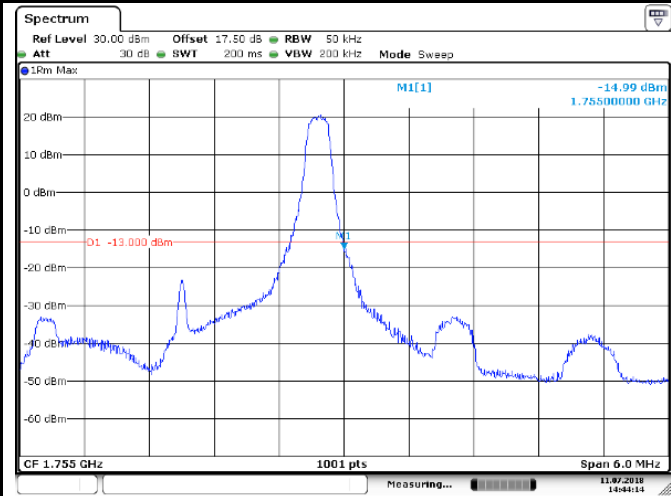
Date: 11.JUL.2018 14:43:37

Date: 11.JUL.2018 14:44:53

**16QAM**

**RB1#14**

**RB15#0**



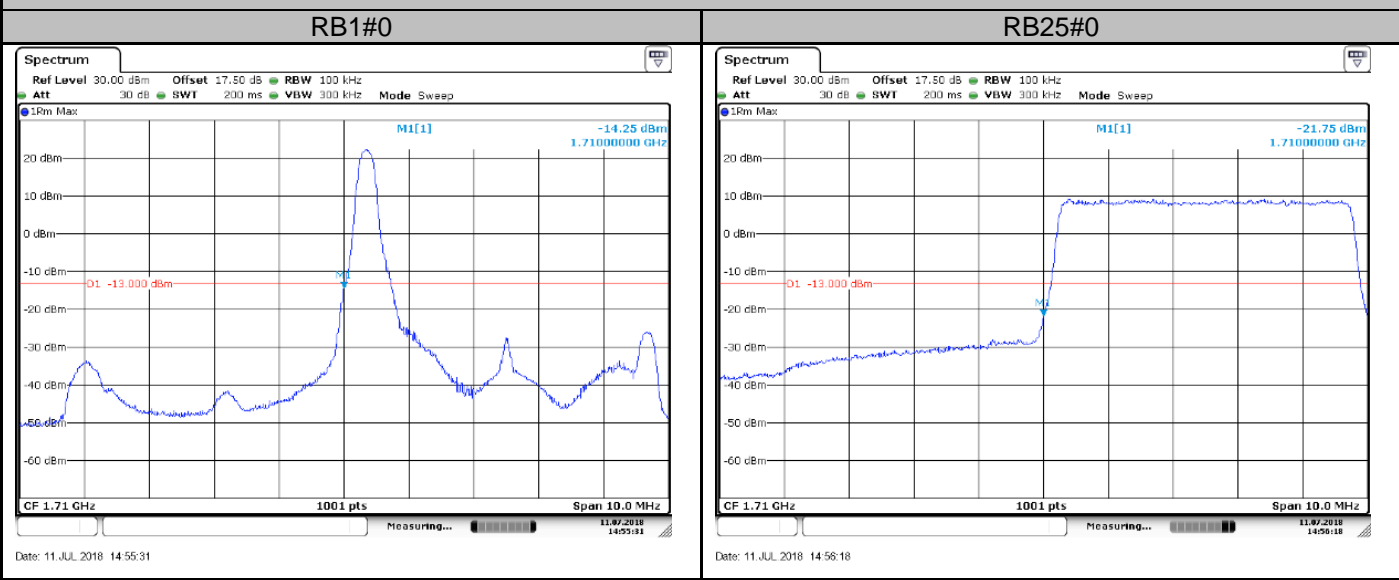
Date: 11.JUL.2018 14:44:15

Date: 11.JUL.2018 14:45:40

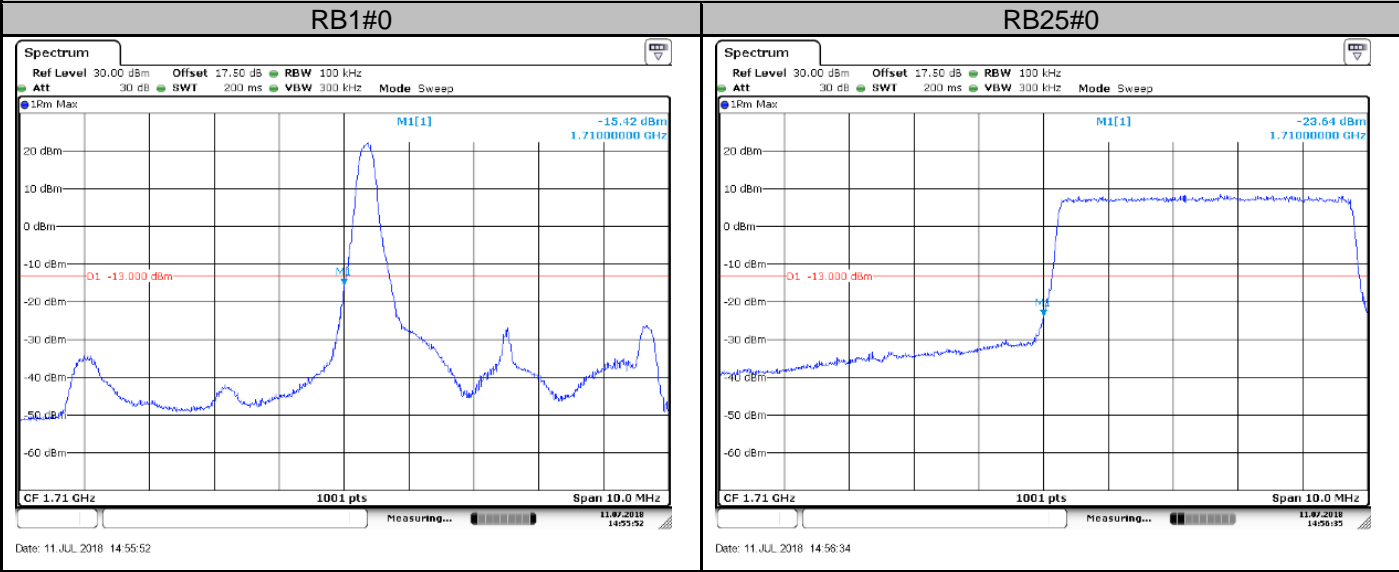
**LTE Band4: BAND EDGE EMISSION**

Test BW: 5MHz - Low Channel

**QPSK**



**16QAM**



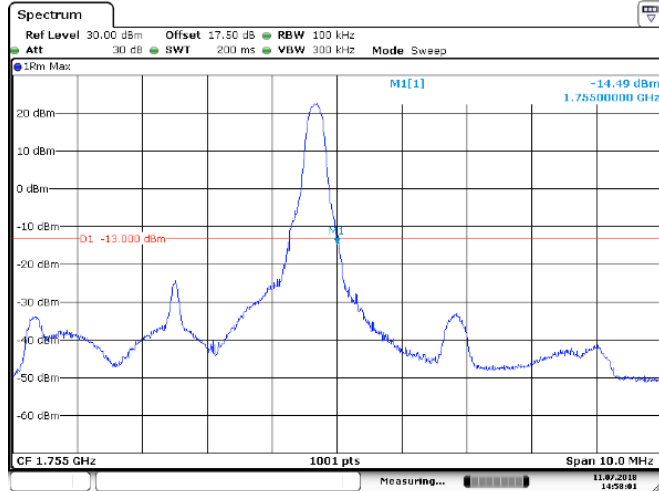
**LTE Band4: BAND EDGE EMISSION**

Test BW: 5MHz - High Channel

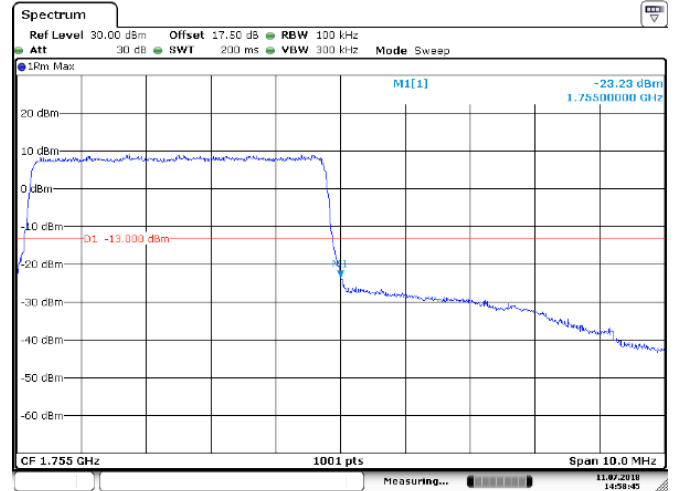
**QPSK**

RB1#24

RB25#0



Date: 11.JUL.2018 14:58:01

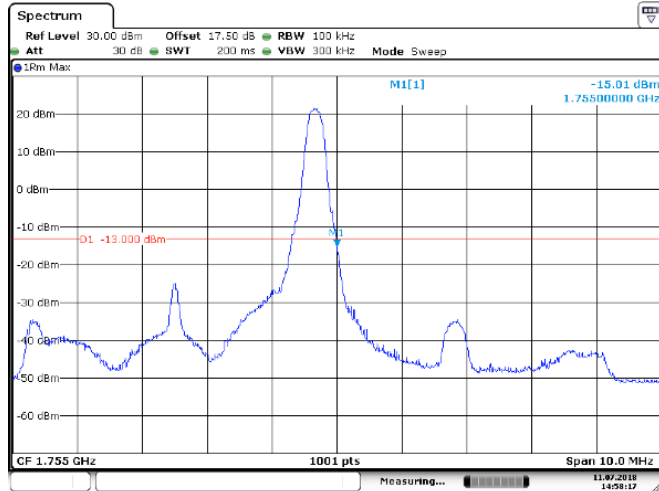


Date: 11.JUL.2018 14:58:45

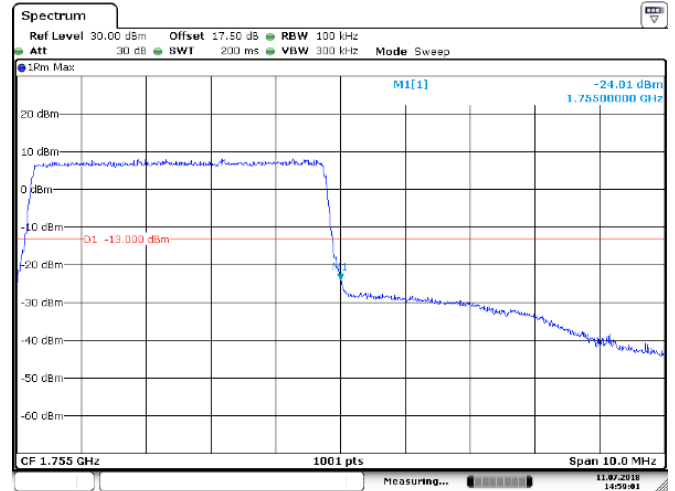
**16QAM**

RB1#24

RB25#0



Date: 11.JUL.2018 14:58:17



Date: 11.JUL.2018 14:59:01

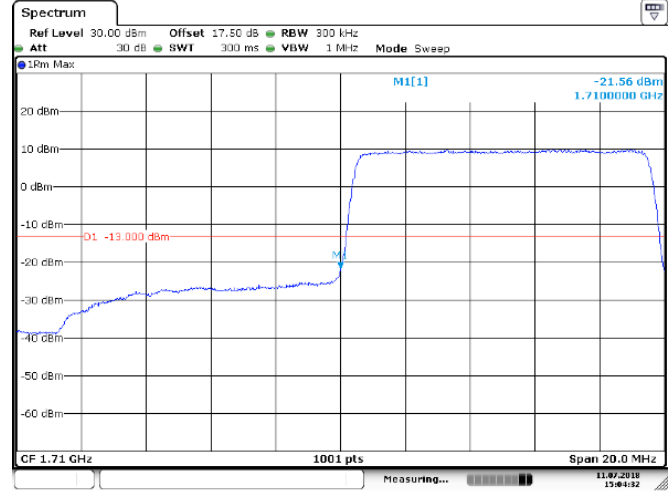
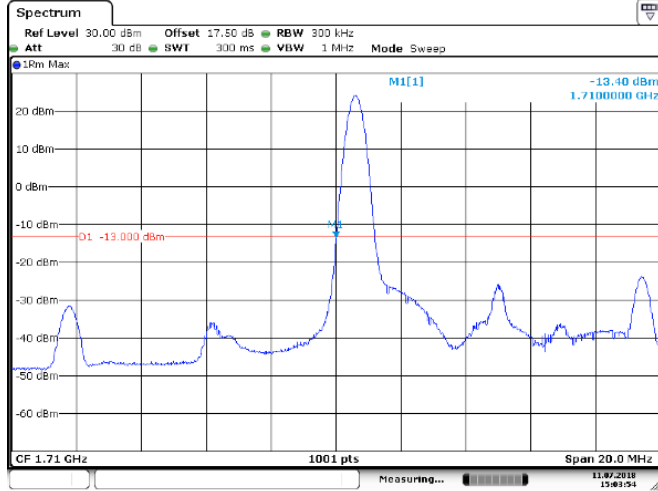
**LTE Band4: BAND EDGE EMISSION**

Test BW: 10MHz - Low Channel

**QPSK**

**RB1#0**

**RB50#0**



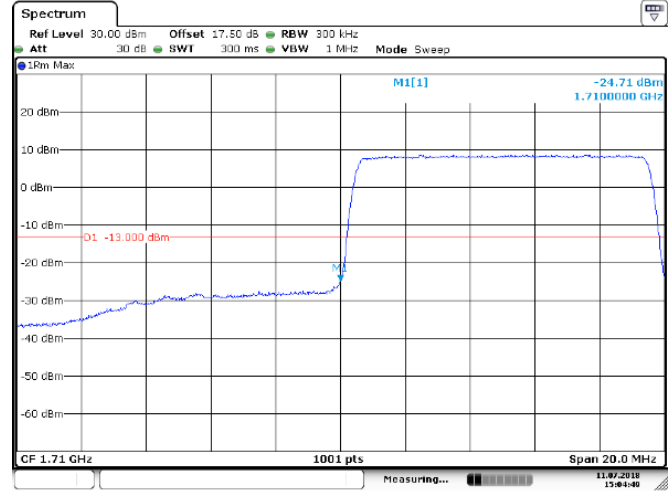
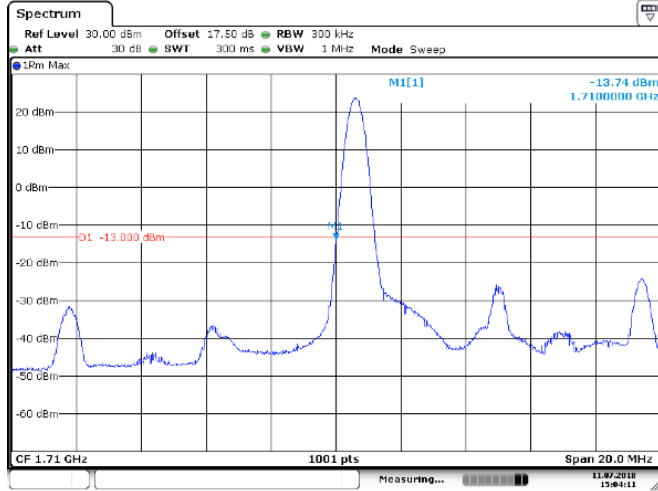
Date: 11.JUL.2018 15:03:53

Date: 11.JUL.2018 15:04:32

**16QAM**

**RB1#0**

**RB50#0**



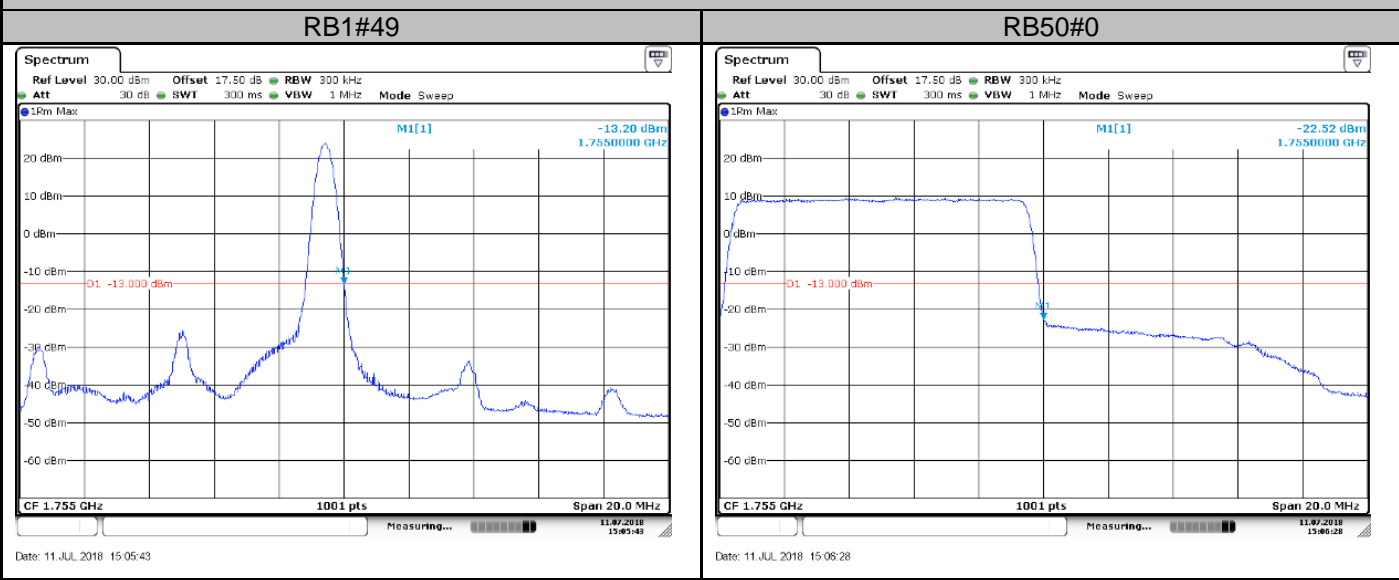
Date: 11.JUL.2018 15:04:11

Date: 11.JUL.2018 15:04:48

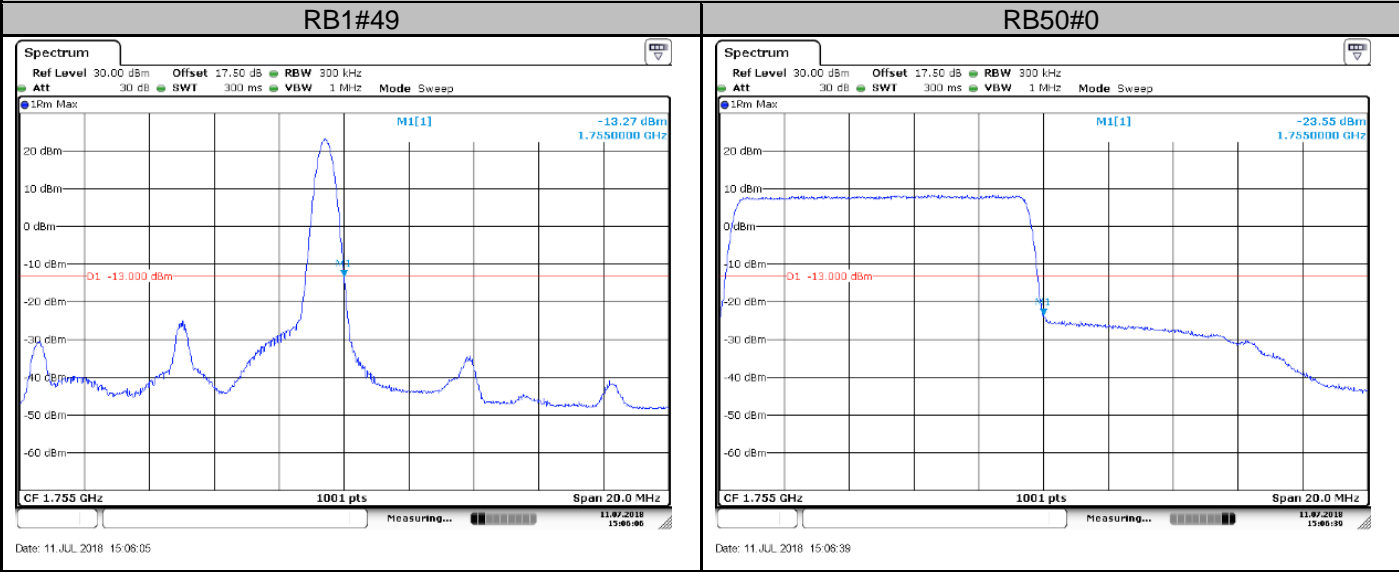
**LTE Band4: BAND EDGE EMISSION**

Test BW: 10MHz - High Channel

**QPSK**



**16QAM**



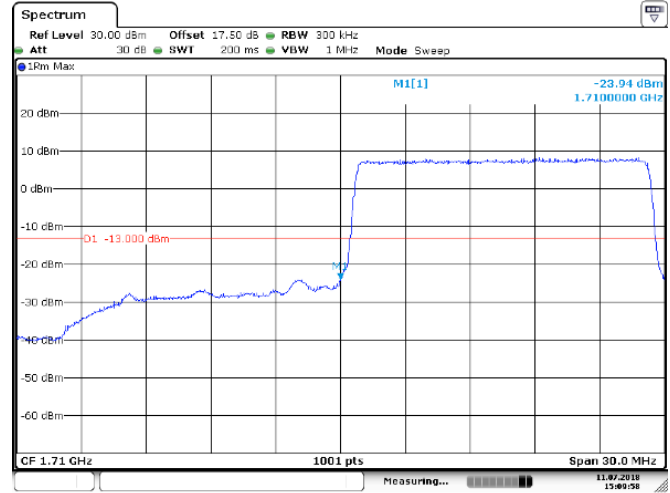
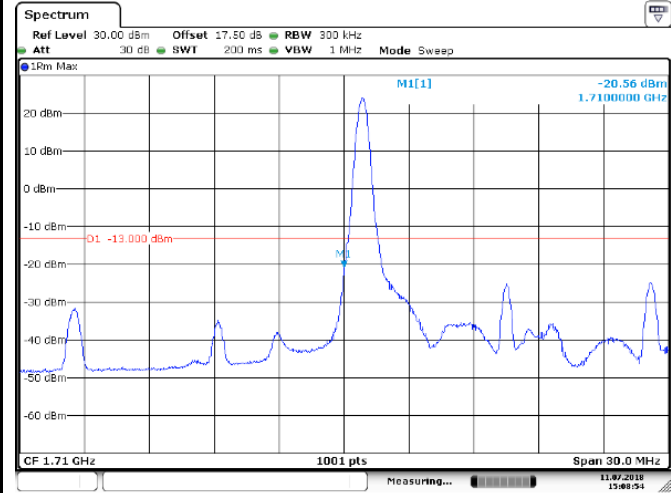
**LTE Band4: BAND EDGE EMISSION**

Test BW: 15MHz - Low Channel

**QPSK**

**RB1#0**

**RB75#0**



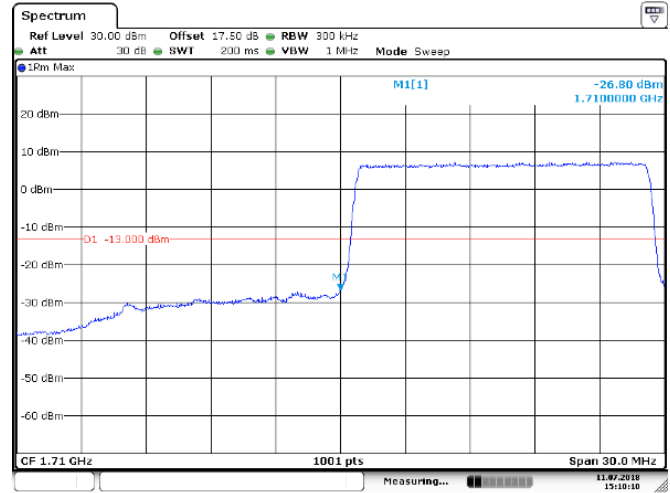
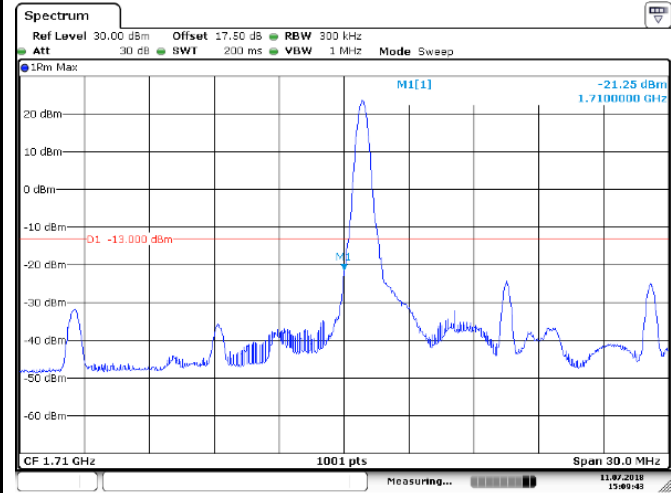
Date: 11.JUL.2018 15:08:54

Date: 11.JUL.2018 15:08:57

**16QAM**

**RB1#0**

**RB75#0**



Date: 11.JUL.2018 15:08:43

Date: 11.JUL.2018 15:10:10



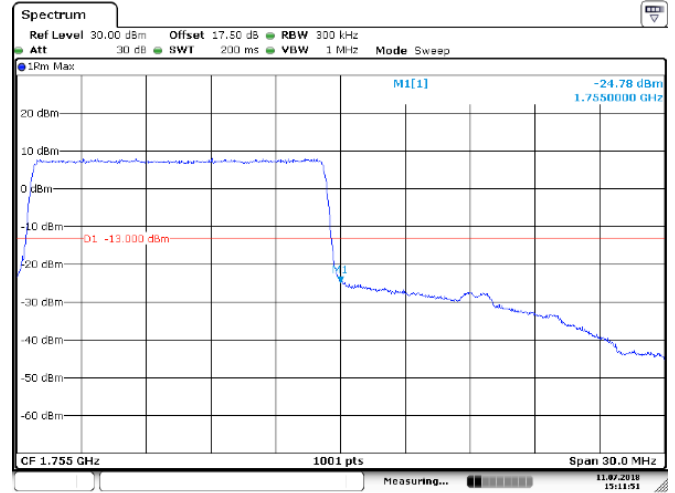
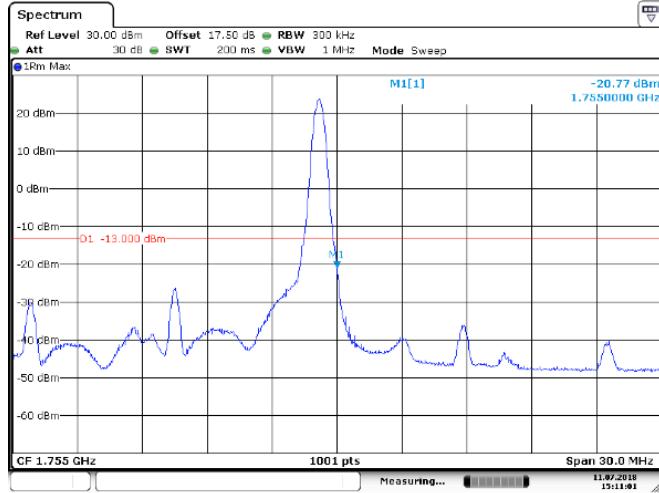
**LTE Band4: BAND EDGE EMISSION**

Test BW: 15MHz - High Channel

**QPSK**

**RB1#74**

**RB75#0**



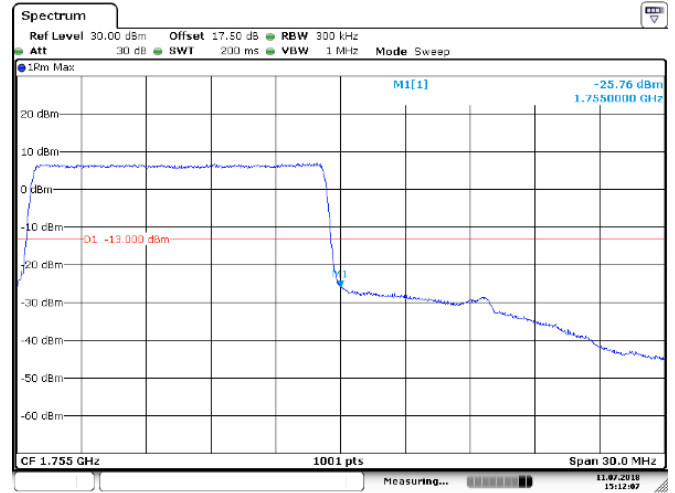
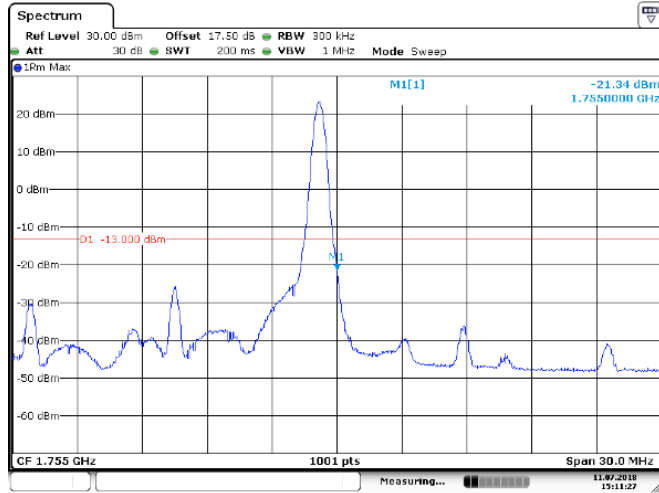
Date: 11.JUL.2018 15:11:01

Date: 11.JUL.2018 15:11:51

**16QAM**

**RB1#74**

**RB75#0**



Date: 11.JUL.2018 15:11:27

Date: 11.JUL.2018 15:12:07

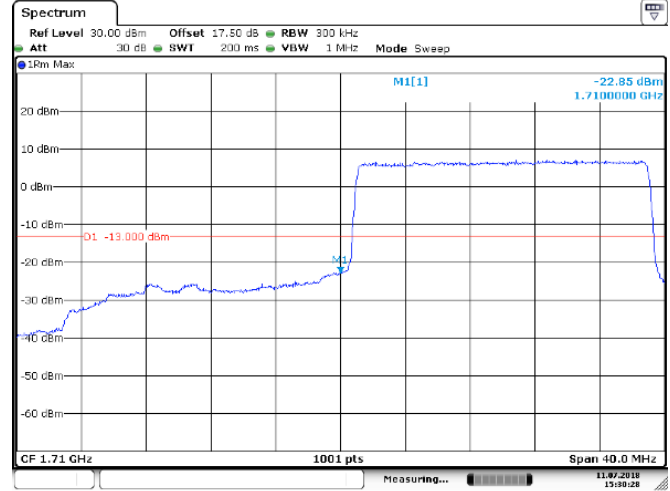
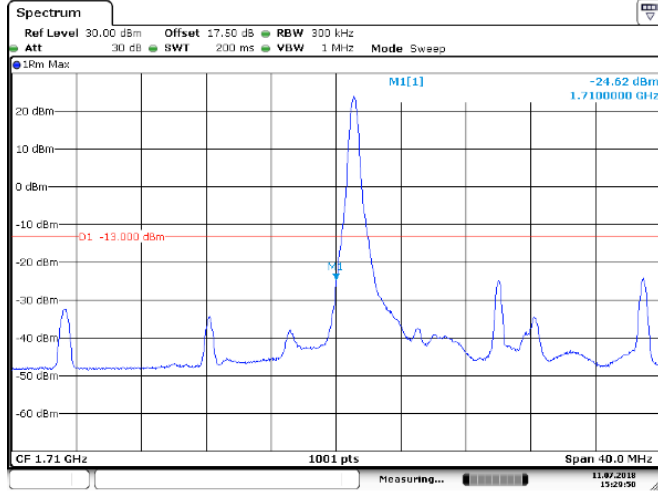
**LTE Band4: BAND EDGE EMISSION**

Test BW: 20MHz - Low Channel

**QPSK**

**RB1#0**

**RB100#0**



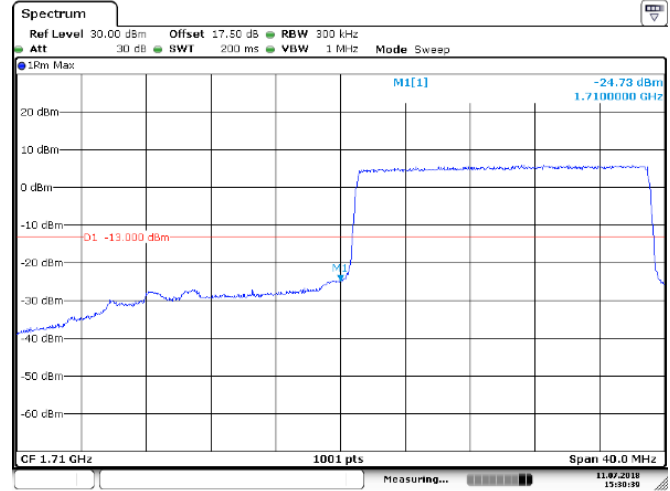
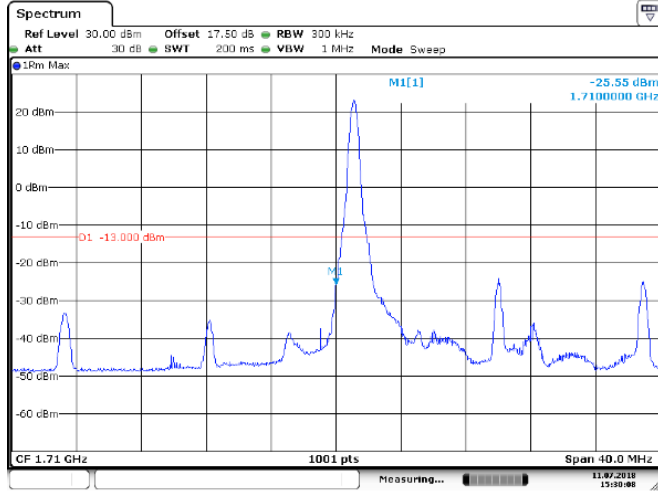
Date: 11.JUL.2018 15:29:50

Date: 11.JUL.2018 15:30:27

**16QAM**

**RB1#0**

**RB100#0**



Date: 11.JUL.2018 15:30:08

Date: 11.JUL.2018 15:30:39

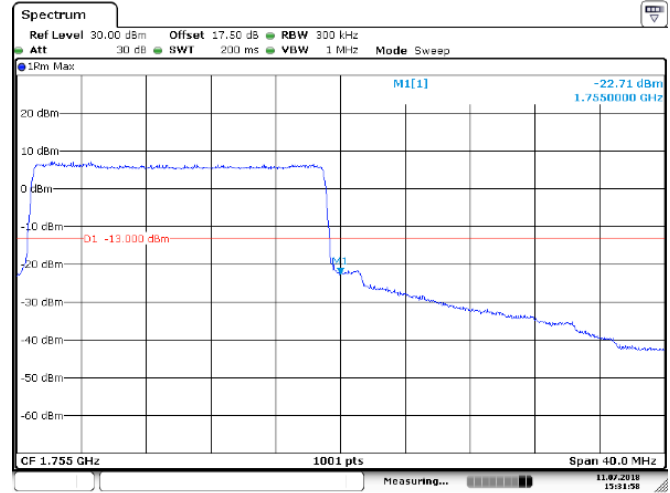
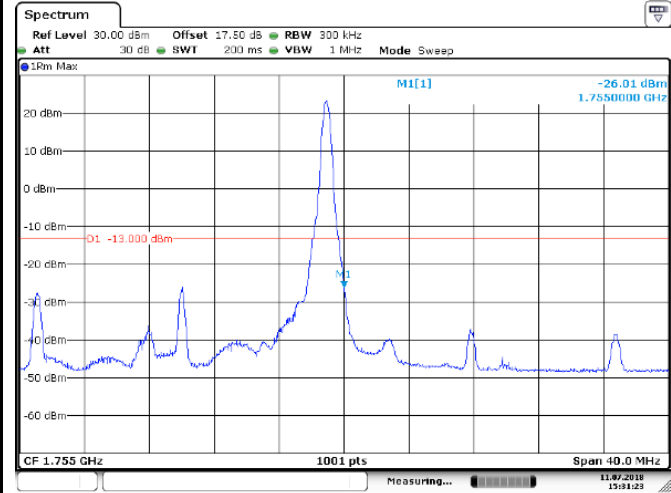
**LTE Band4: BAND EDGE EMISSION**

Test BW: 20MHz - High Channel

**QPSK**

**RB1#99**

**RB100#0**



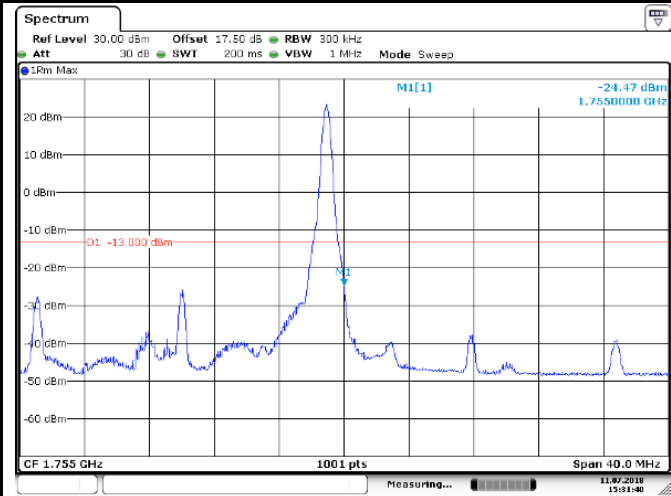
Date: 11.JUL.2018 15:31:24

Date: 11.JUL.2018 15:31:58

**16QAM**

**RB1#99**

**RB100#0**



Date: 11.JUL.2018 15:31:38

Date: 11.JUL.2018 15:32:13

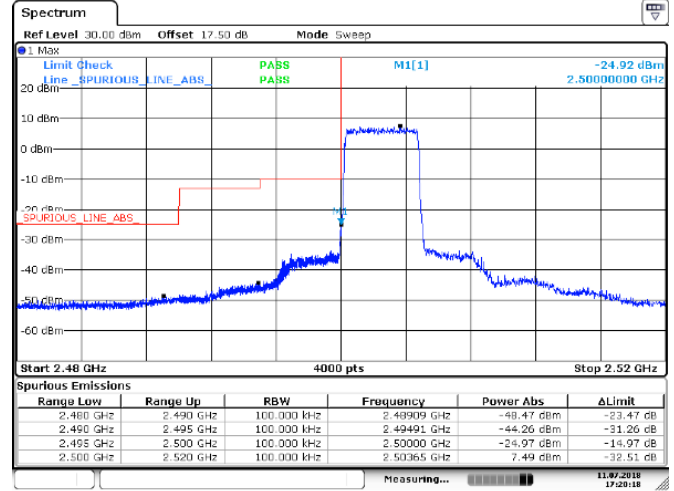
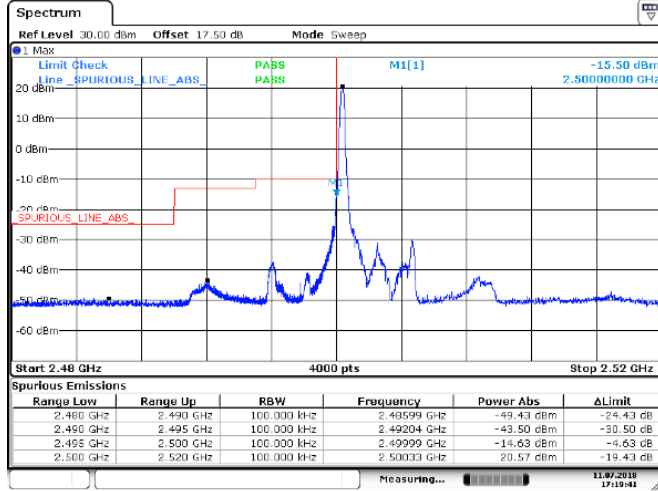
**LTE Band7: BAND EDGE EMISSION**

Test BW: 5MHz - Low Channel

QPSK

RB1#0

RB25#0



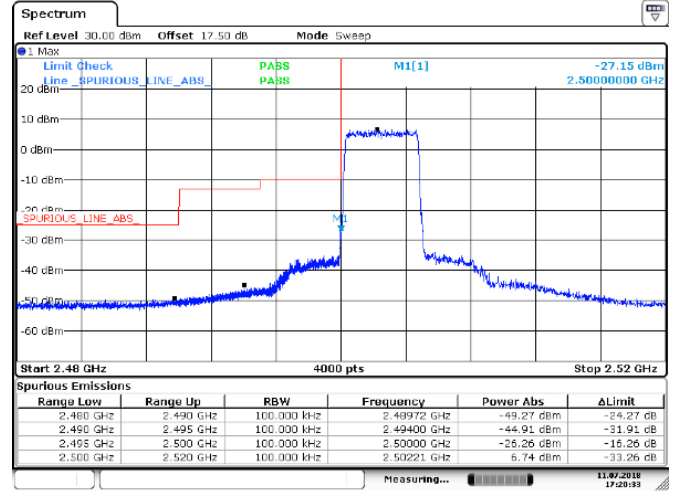
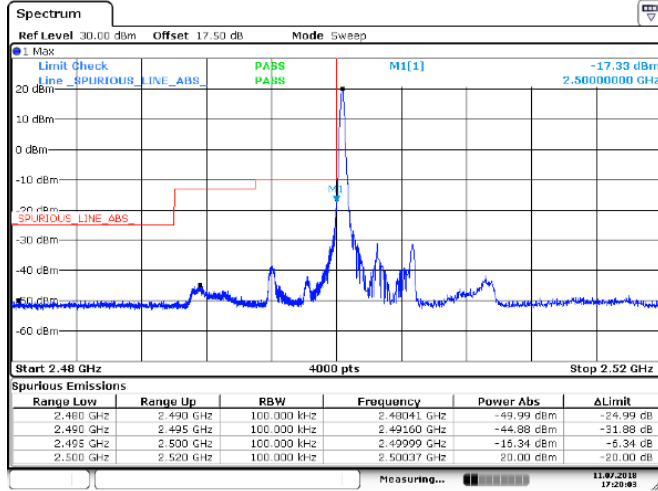
Date: 11.JUL.2018 17:19:41

Date: 11.JUL.2018 17:20:18

16QAM

RB1#0

RB25#0



Date: 11.JUL.2018 17:20:02

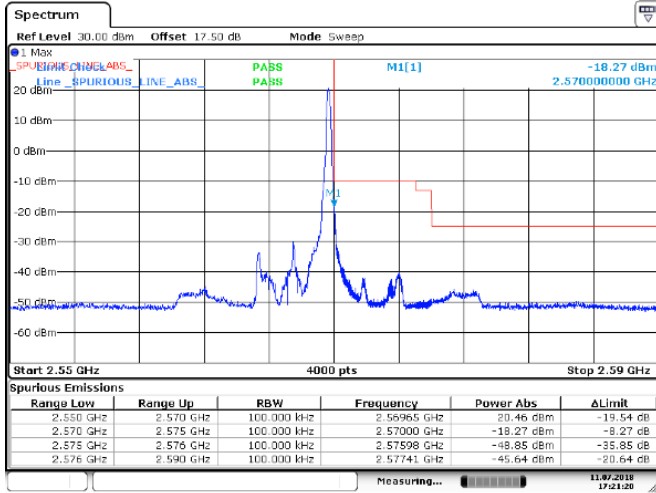
Date: 11.JUL.2018 17:20:33

**LTE Band7: BAND EDGE EMISSION**

Test BW: 5MHz - High Channel

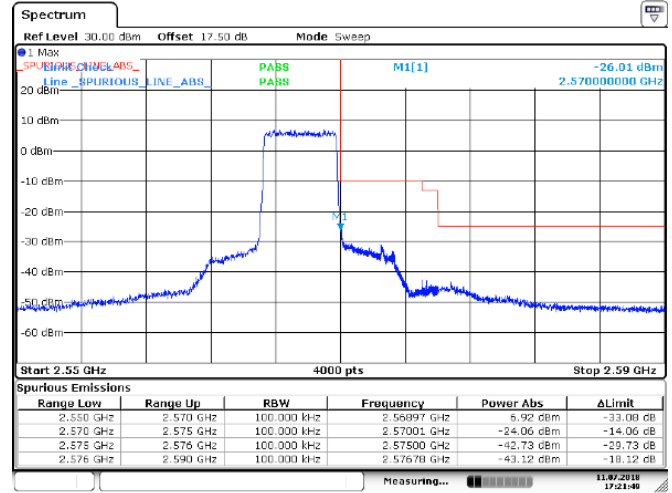
**QPSK**

**RB1#24**



Date: 11.JUL.2018 17:21:20

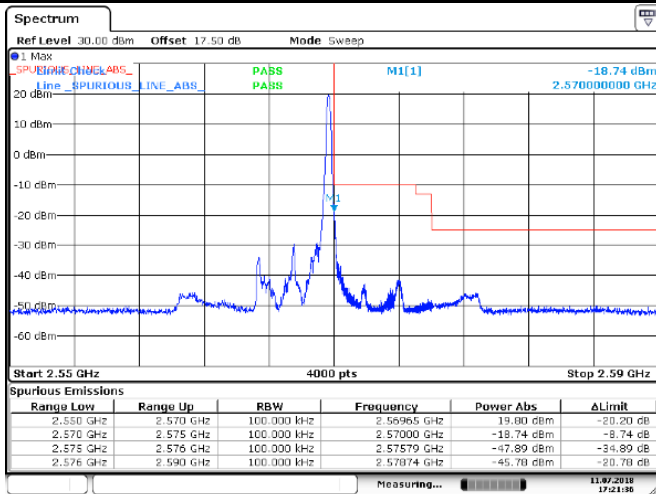
**RB25#0**



Date: 11.JUL.2018 17:21:49

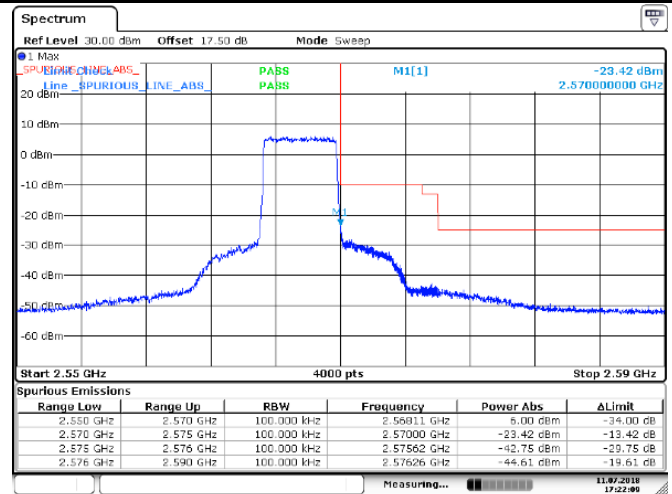
**16QAM**

**RB1#24**



Date: 11.JUL.2018 17:21:36

**RB25#0**



Date: 11.JUL.2018 17:22:10

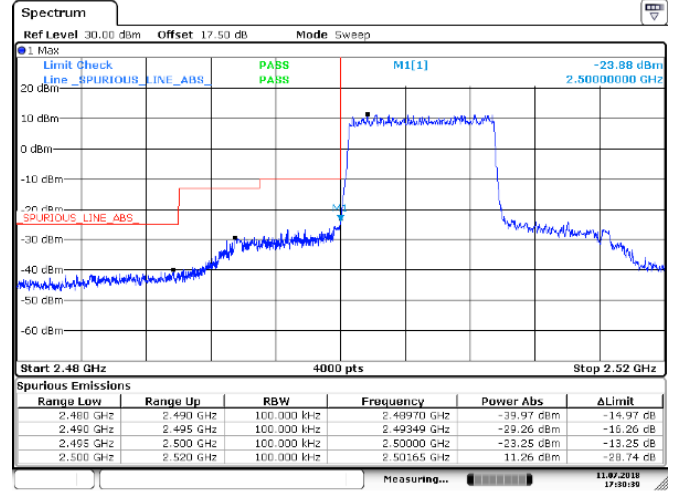
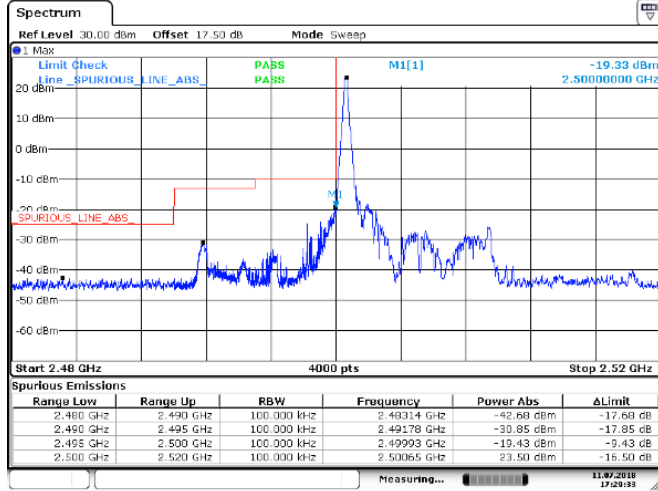
**LTE Band7: BAND EDGE EMISSION**

Test BW: 10MHz - Low Channel

QPSK

RB1#0

RB50#0



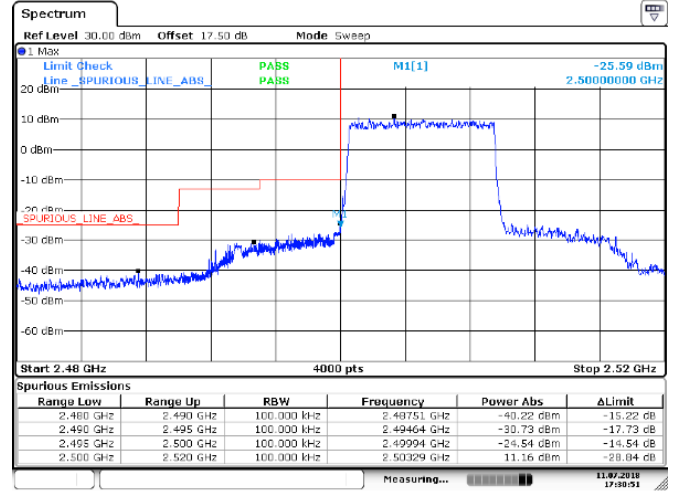
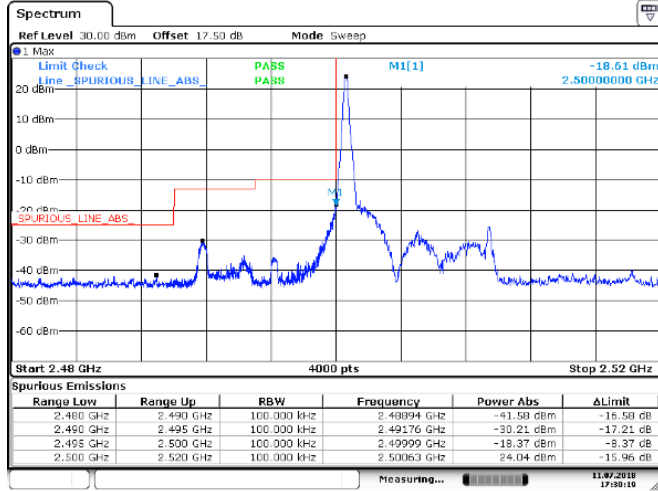
Date: 11.JUL.2018 17:29:33

Date: 11.JUL.2018 17:30:39

16QAM

RB1#0

RB50#0



Date: 11.JUL.2018 17:30:19

Date: 11.JUL.2018 17:30:51

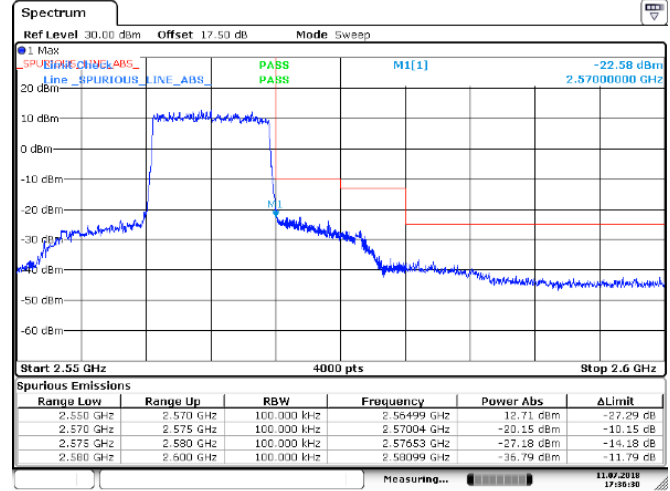
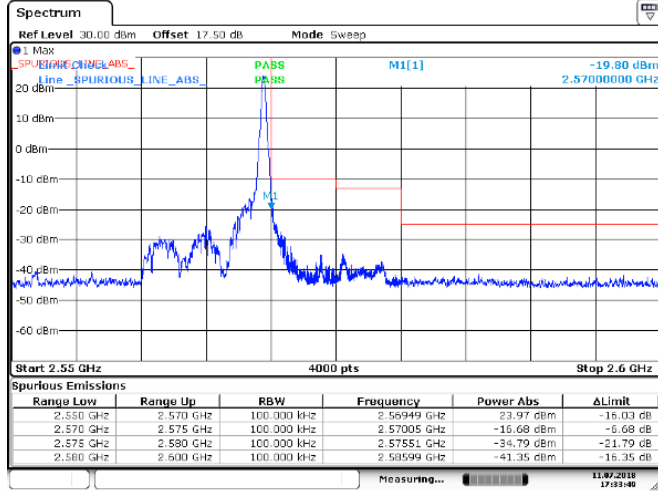
**LTE Band7: BAND EDGE EMISSION**

Test BW: 10MHz - High Channel

QPSK

RB1#49

RB50#0



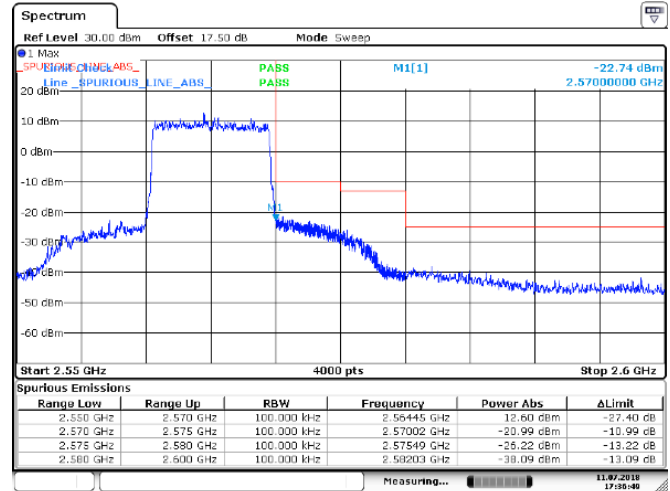
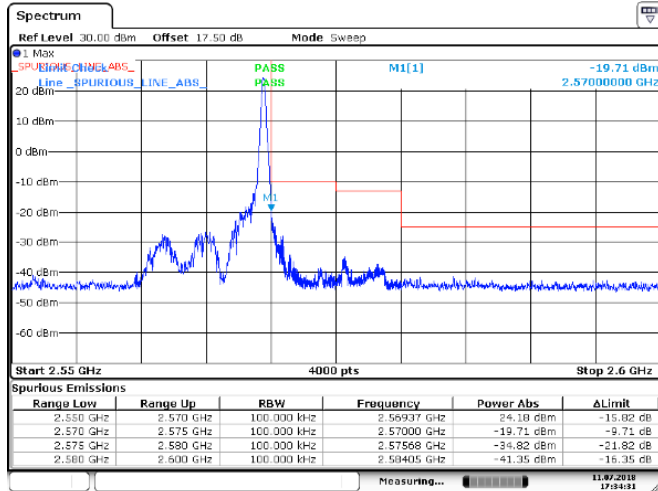
Date: 11.JUL.2018 17:33:49

Date: 11.JUL.2018 17:36:30

16QAM

RB1#49

RB50#0



Date: 11.JUL.2018 17:34:30

Date: 11.JUL.2018 17:36:49