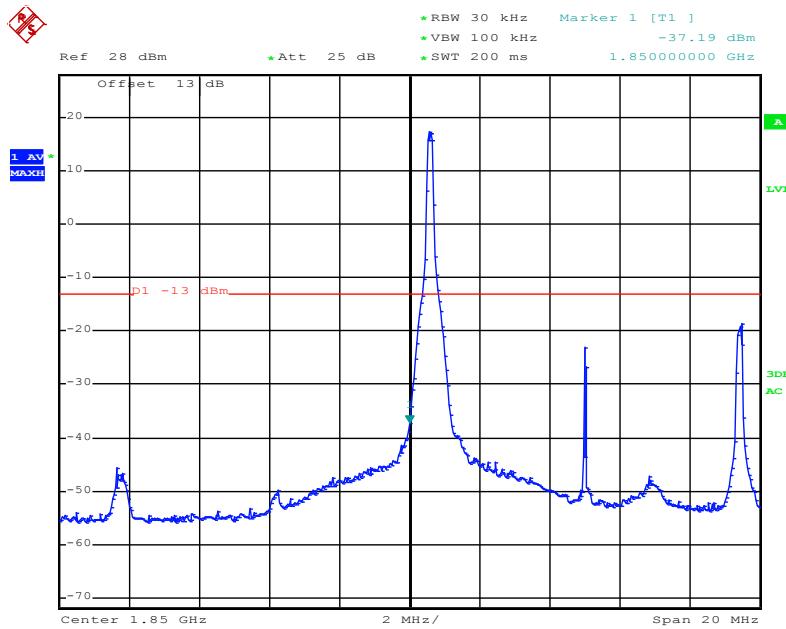


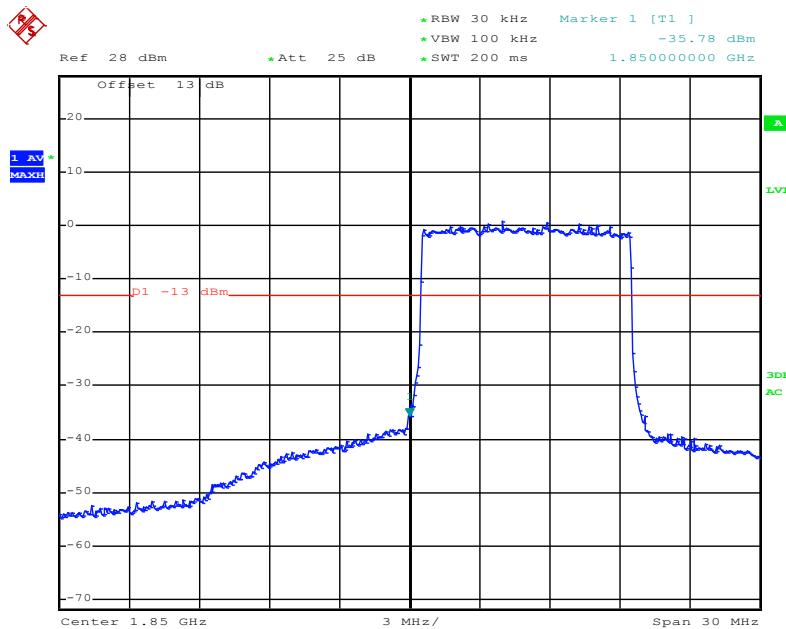
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 07:33:13

LTE Band2, 10MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz

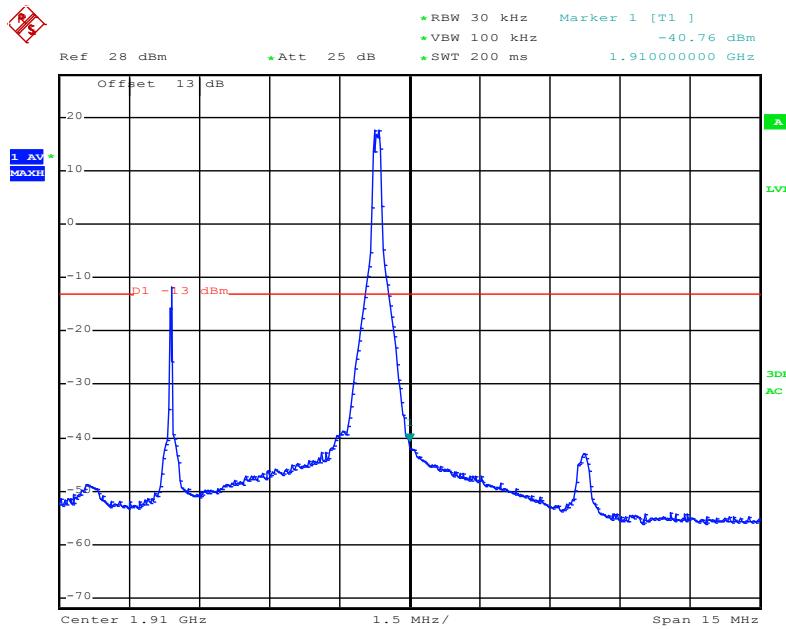


Date: 12.MAR.2019 07:33:51

LTE Band2, 10MHz bandwidth, QPSK,(50,0) Mode , Below 1850MHz

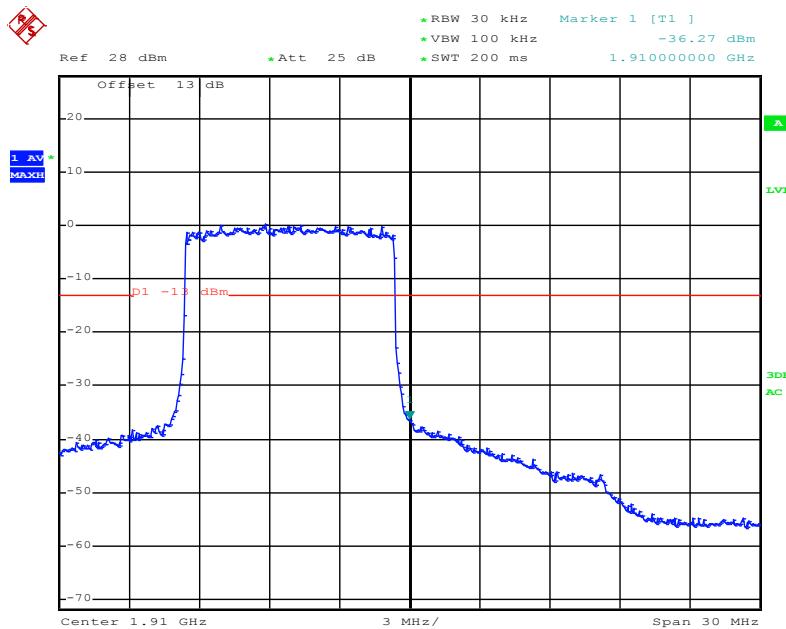
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 07:34:49

LTE Band2, 10MHz bandwidth, QPSK,(1,50) Mode, Above 1910MHz

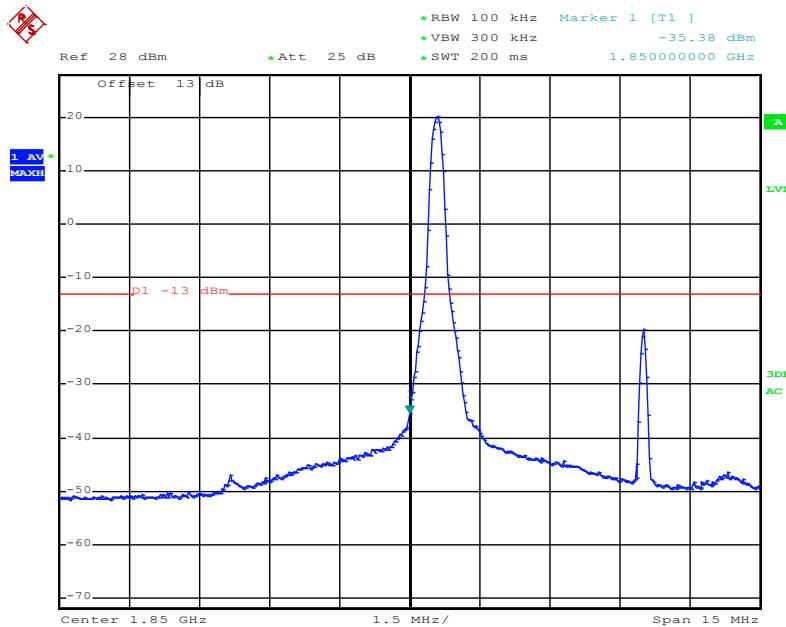


Date: 12.MAR.2019 07:35:30

LTE Band2, 10MHz bandwidth, QPSK,(50,0) Mode, Above 1910MHz

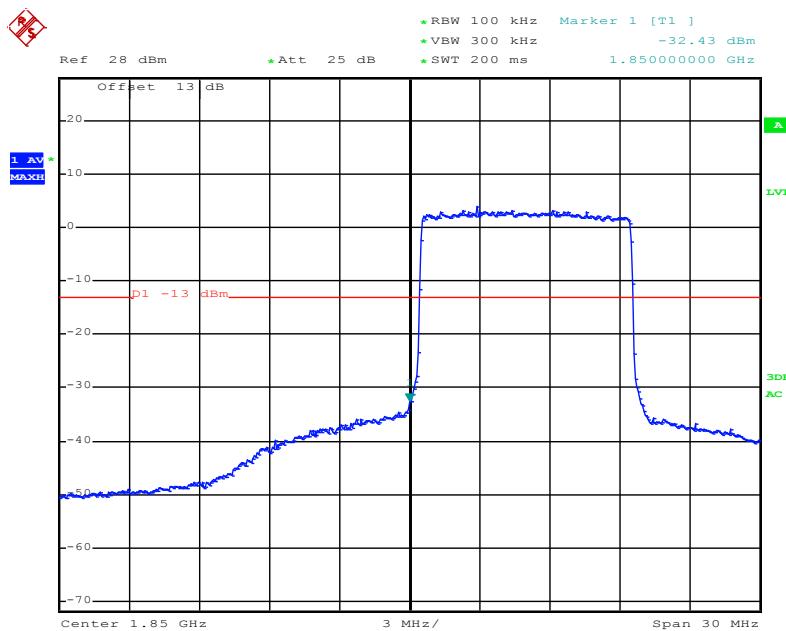
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 07:36:47

LTE Band2, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz

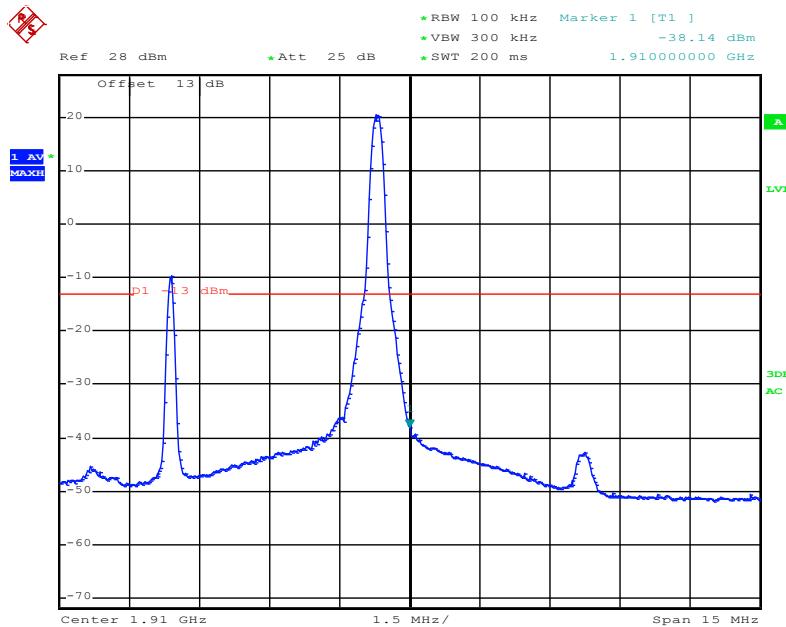


Date: 12.MAR.2019 07:37:16

LTE Band2, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 1850MHz

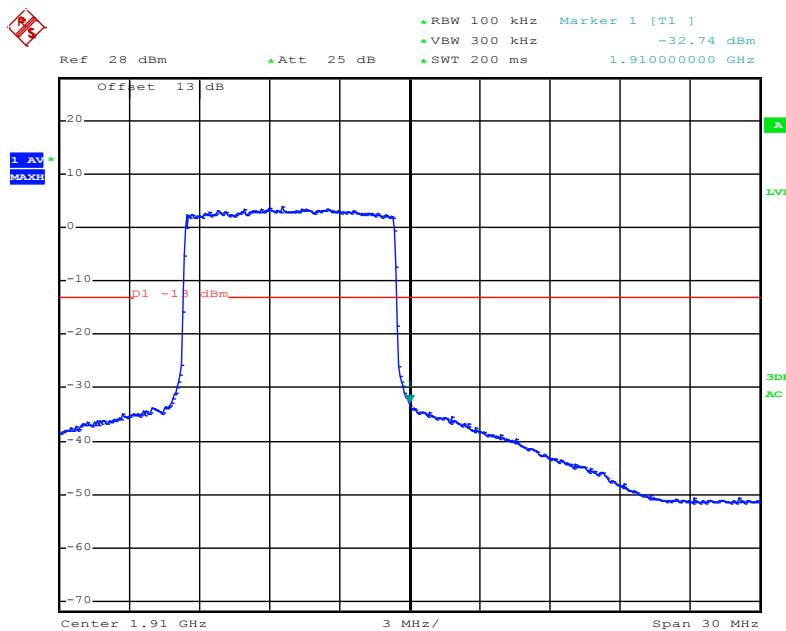
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 07:38:11

LTE Band2, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 1910MHz



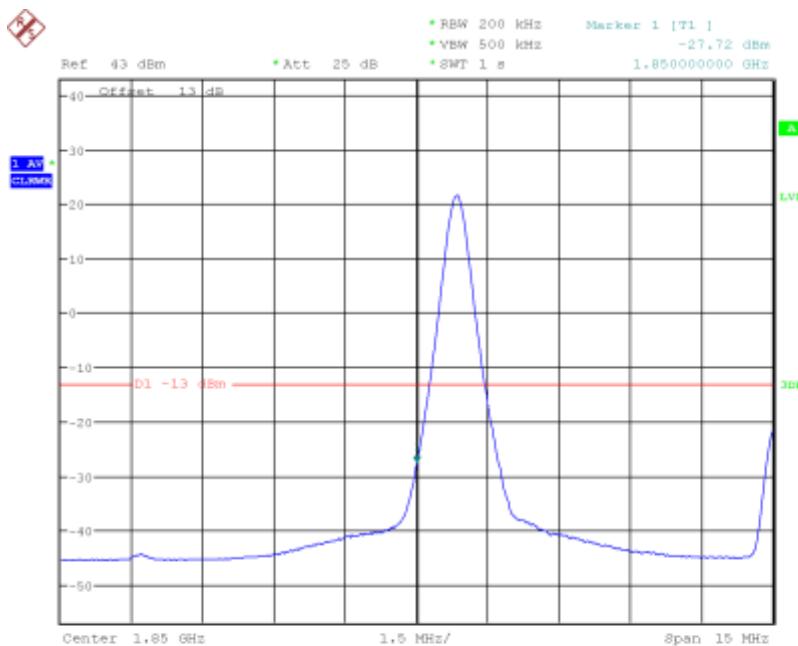
Date: 12.MAR.2019 07:39:04

LTE Band2, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 1910MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

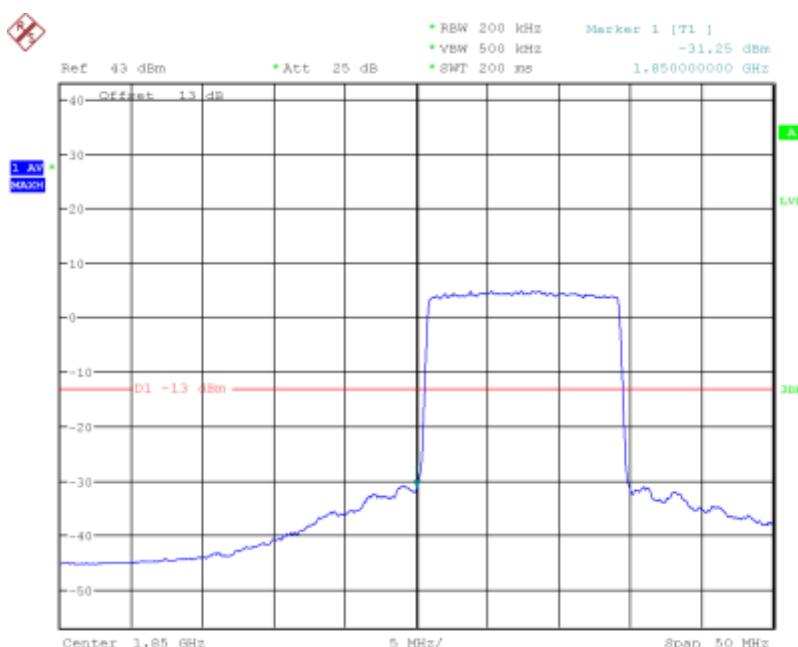
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 10:53:57

LTE Band2, 15MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz



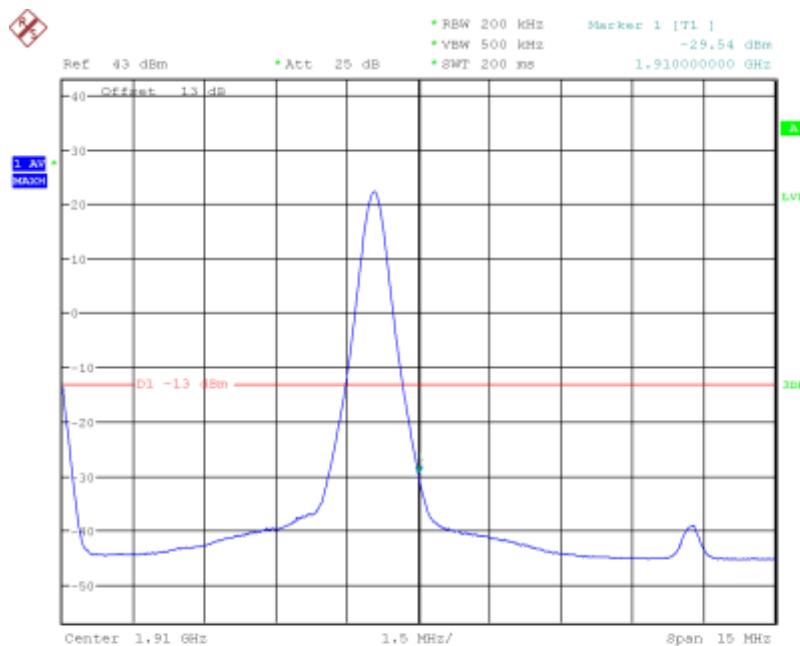
Date: 11.MAR.2019 10:55:41

LTE Band2, 15MHz bandwidth, QPSK,(75,0) Mode , Below 1850MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

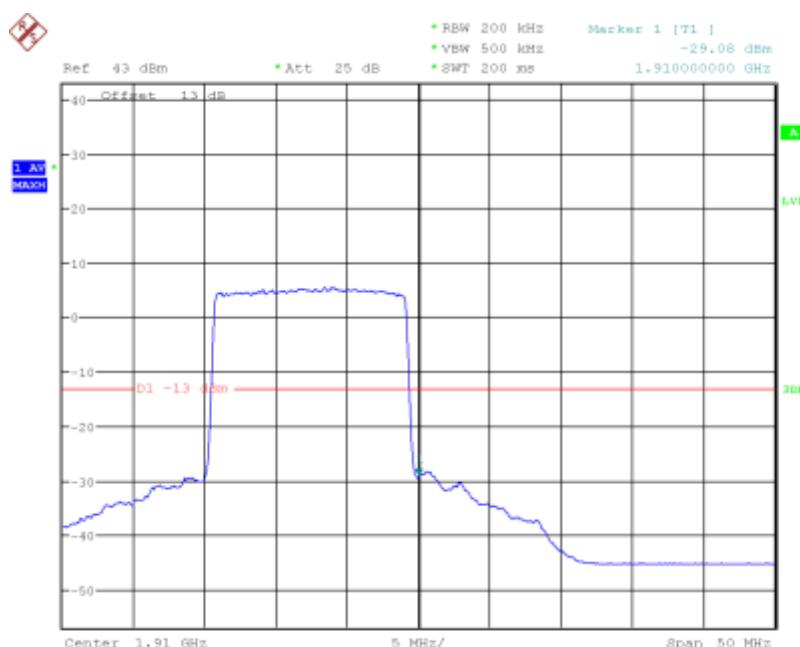
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 10:57:03

LTE Band2, 15MHz bandwidth, QPSK,(1,75) Mode, Above 1910MHz

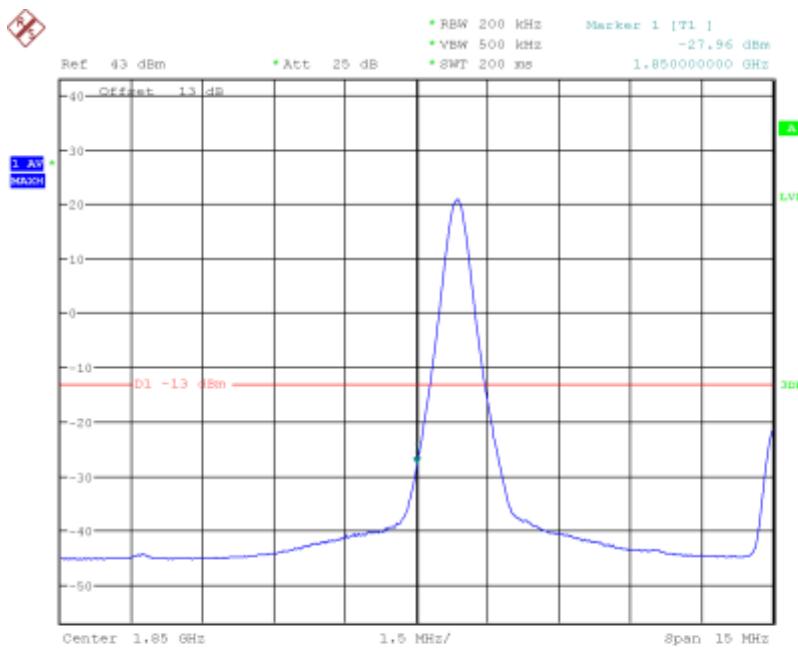


Date: 11.MAR.2019 10:57:39

LTE Band2, 15MHz bandwidth, QPSK,(75,0) Mode, Above 1910MHz

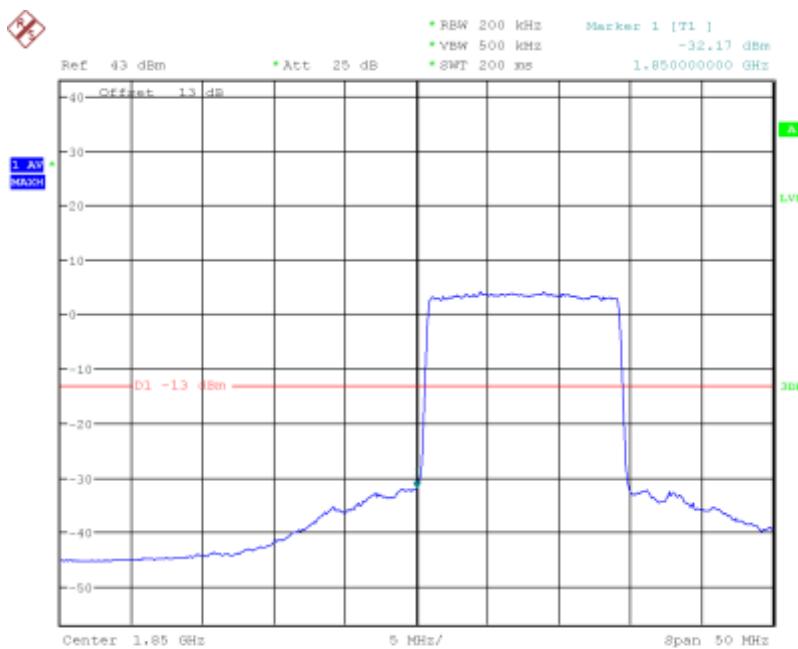
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 10:59:04

LTE Band2, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz



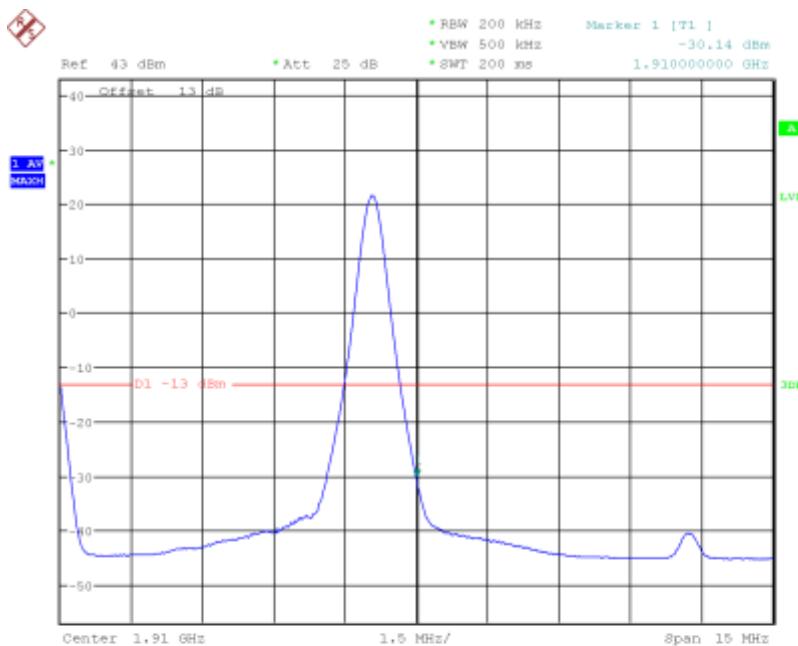
Date: 11.MAR.2019 10:59:41

LTE Band2, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 1850MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

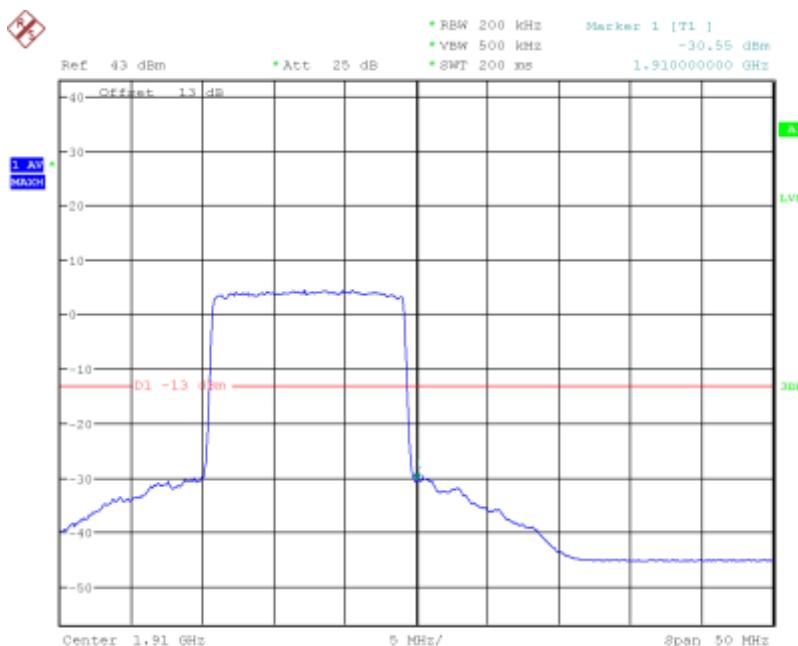
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:01:12

LTE Band2, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 1910MHz



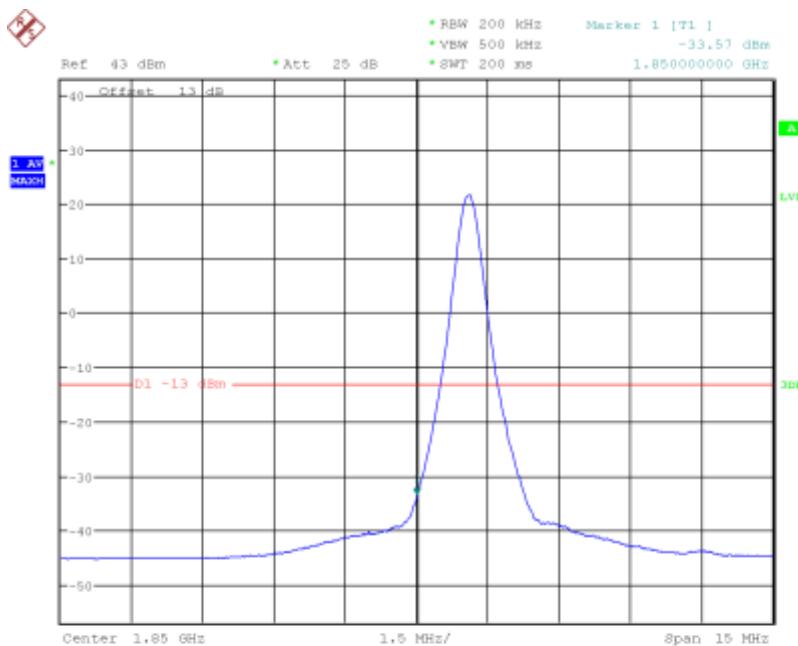
Date: 11.MAR.2019 11:02:18

LTE Band2, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 1910MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

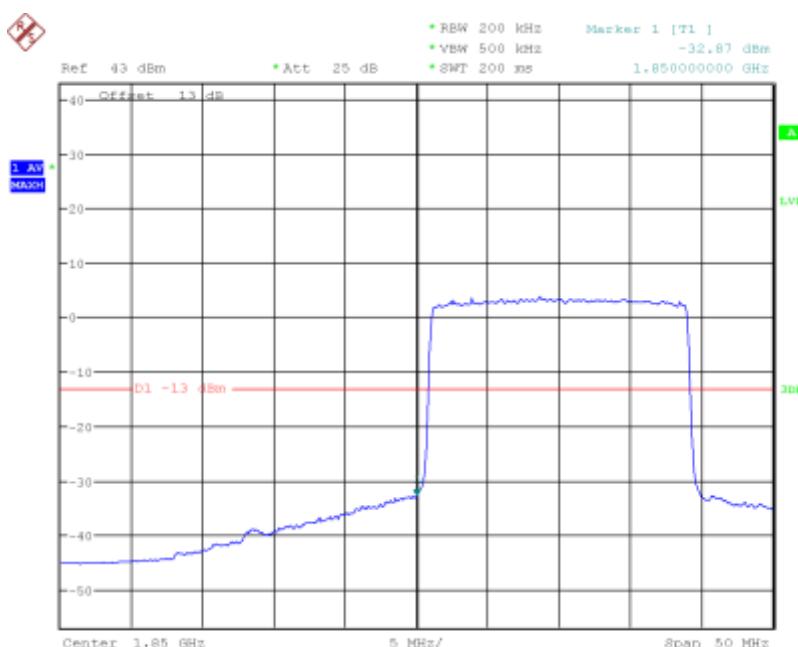
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:03:32

LTE Band2, 20MHz bandwidth, QPSK,(1,0) Mode , Below 1850MHz

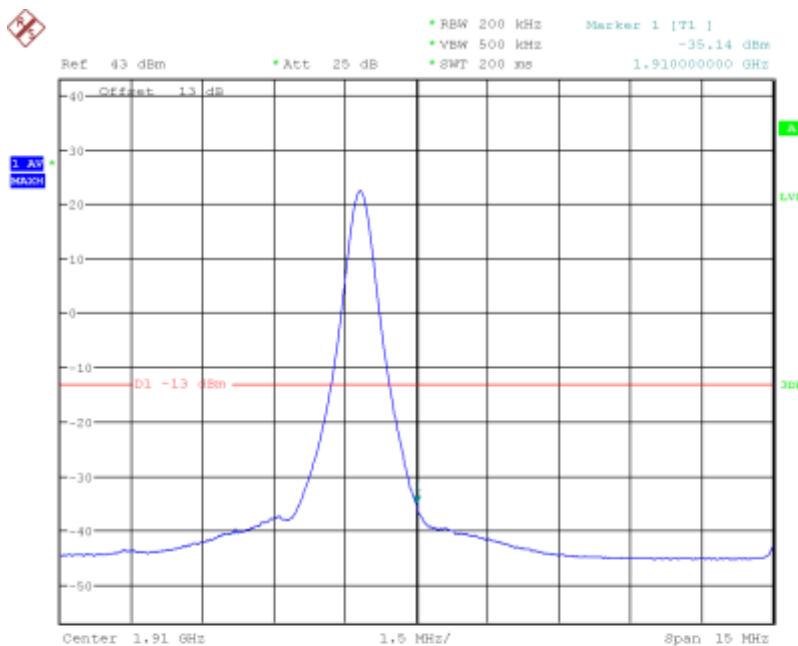


Date: 11.MAR.2019 11:04:08

LTE Band2, 20MHz bandwidth, QPSK,(100,0) Mode , Below 1850MHz

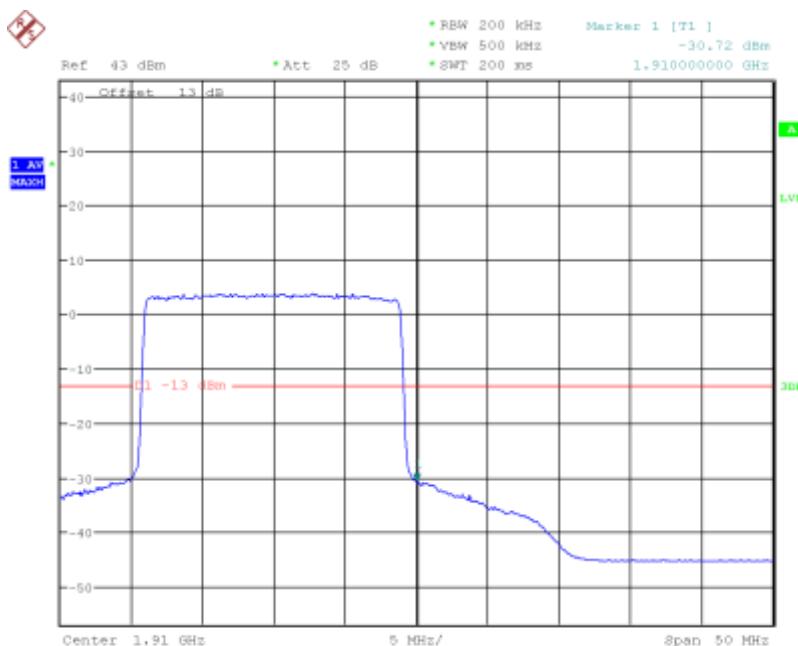
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:04:59

LTE Band2, 20MHz bandwidth, QPSK,(1,100) Mode, Above 1910MHz

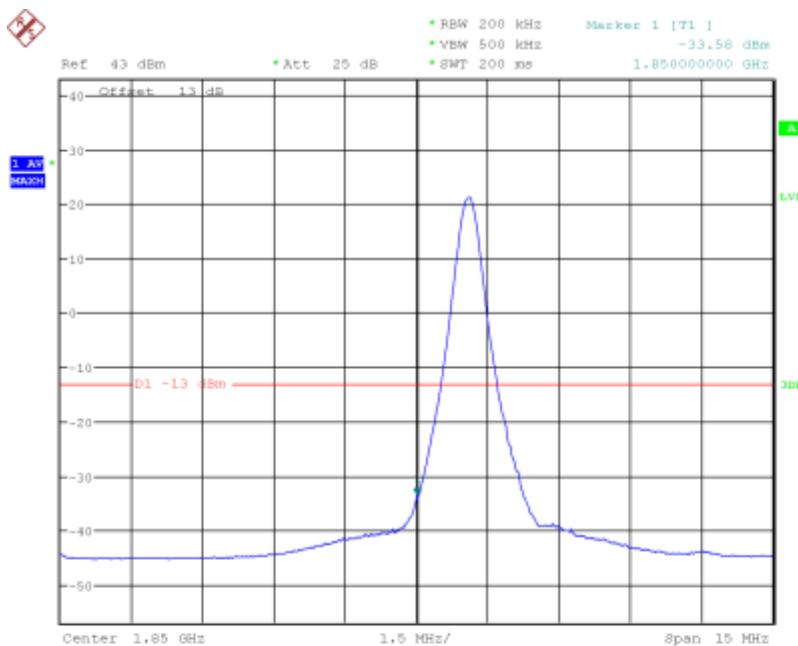


Date: 11.MAR.2019 11:05:26

LTE Band2, 20MHz bandwidth, QPSK,(100,0) Mode, Above 1910MHz

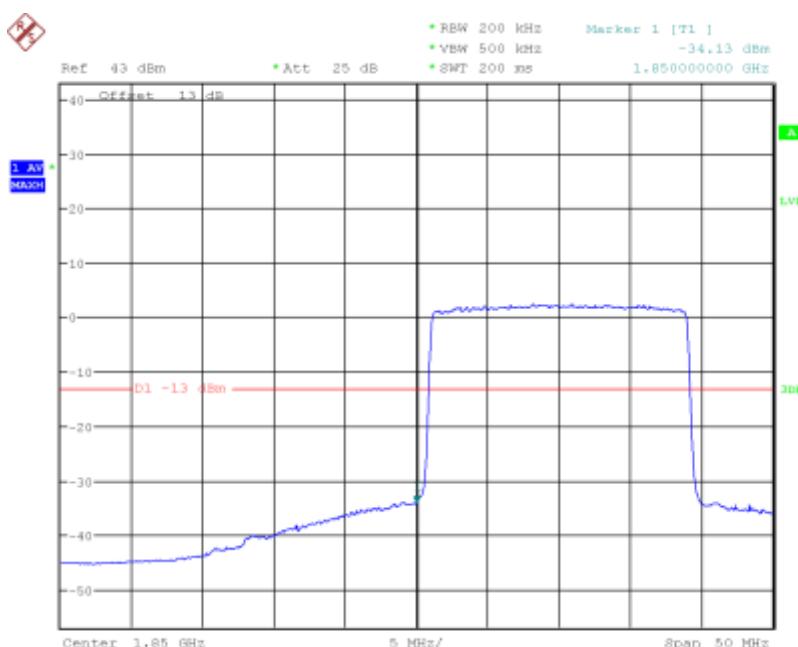
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:06:25

LTE Band2, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 1850MHz

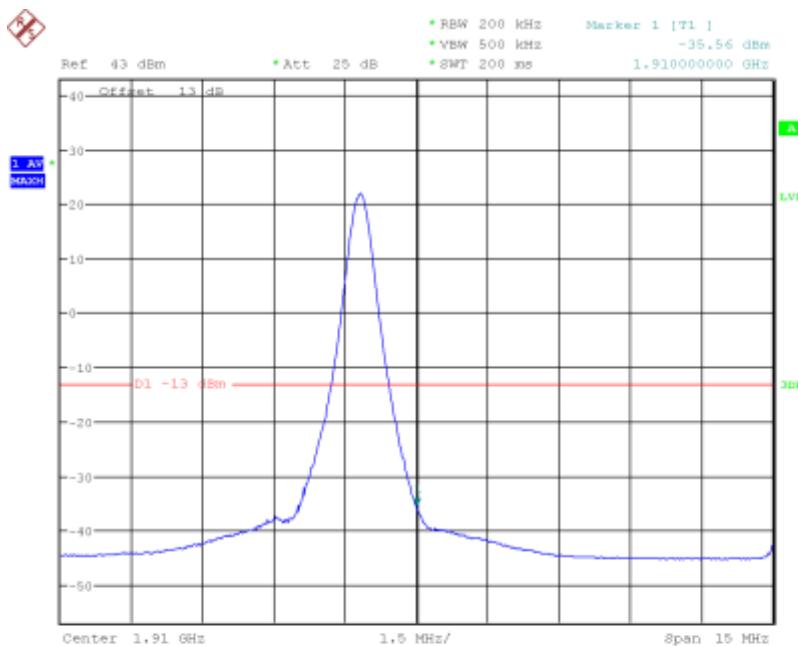


Date: 11.MAR.2019 11:06:59

LTE Band2, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 1850MHz

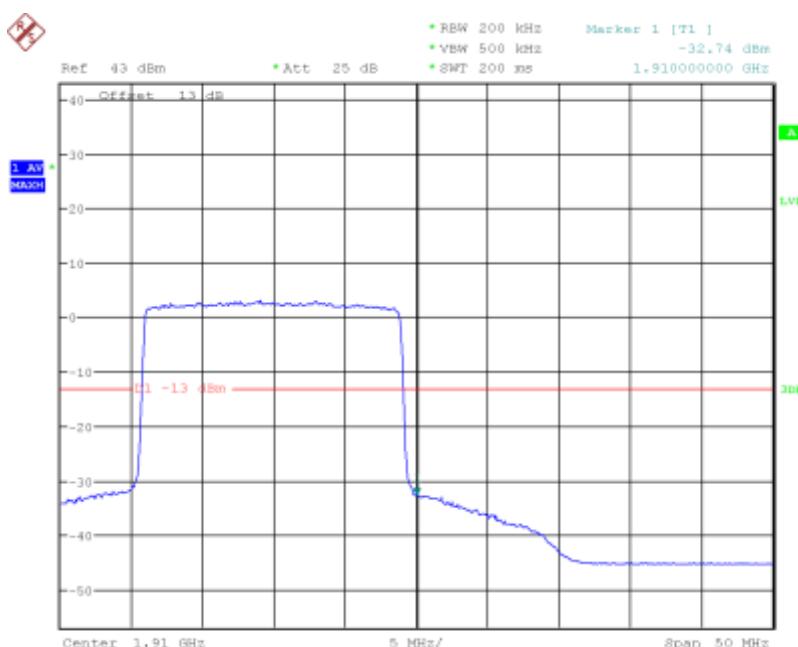
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:07:59

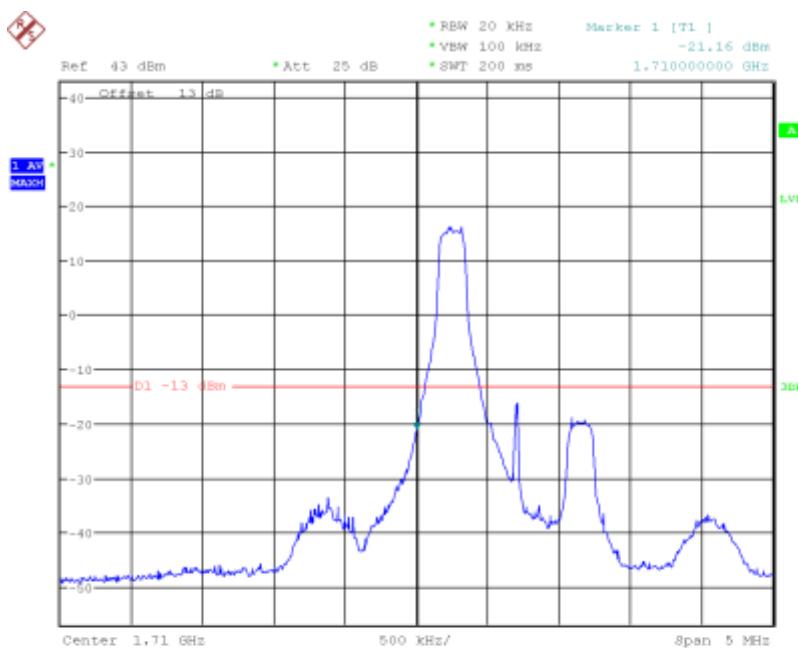
LTE Band2, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 1910MHz



Date: 11.MAR.2019 11:08:35

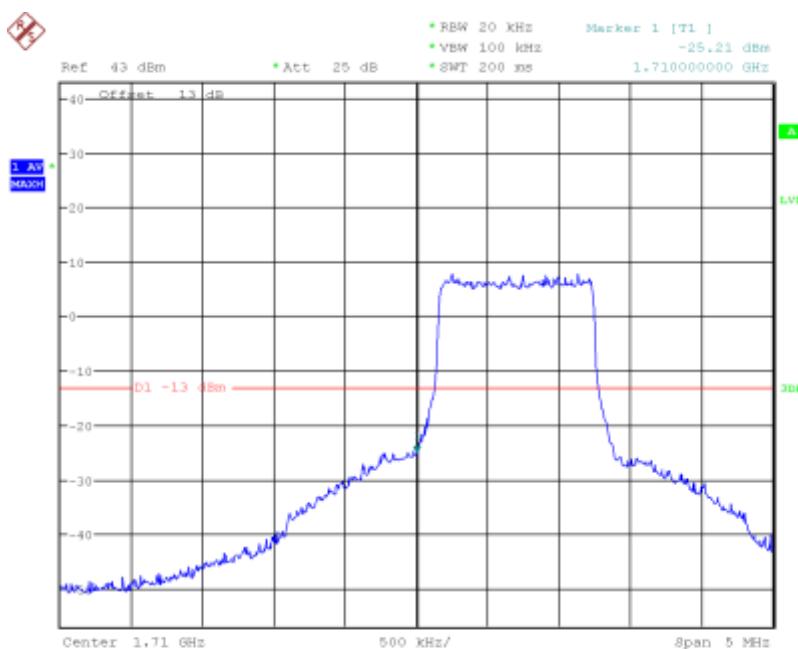
LTE Band2, 20MHz bandwidth, 16QAM,100,0 Mode, Above 1910MHz

### 5.5.6 LTE B4 Band Edge Results



Date: 11.MAR.2019 11:16:15

LTE Band4, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



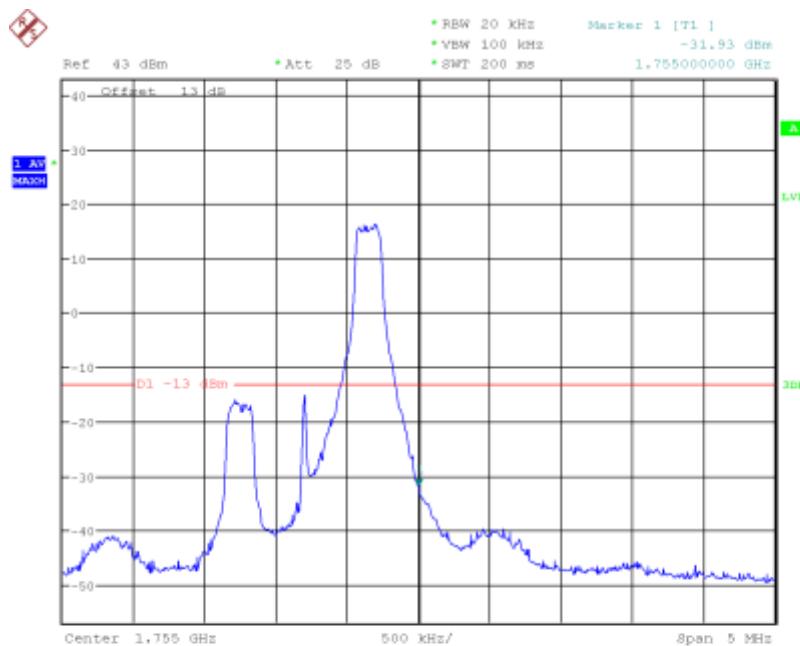
Date: 11.MAR.2019 11:16:52

LTE Band4, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

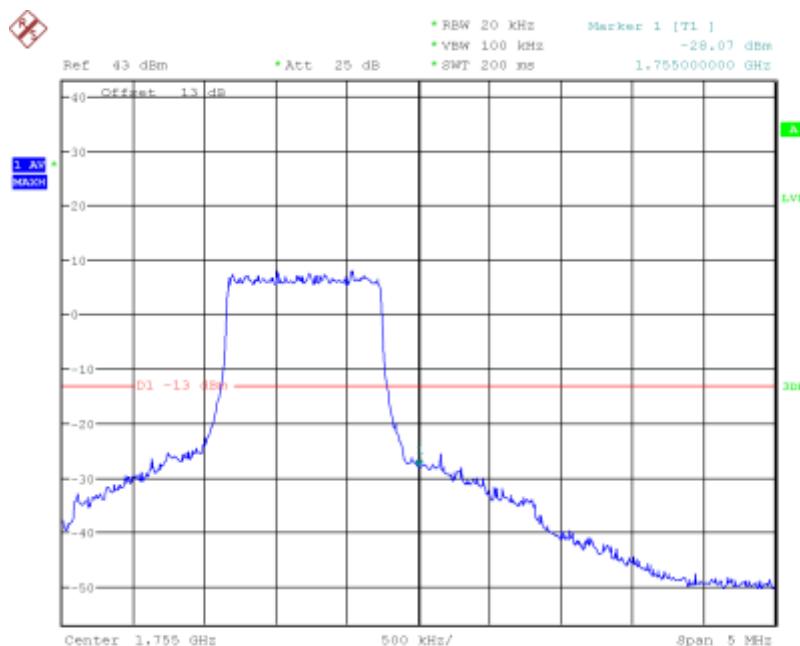
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:18:29

LTE Band4, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 1755MHz

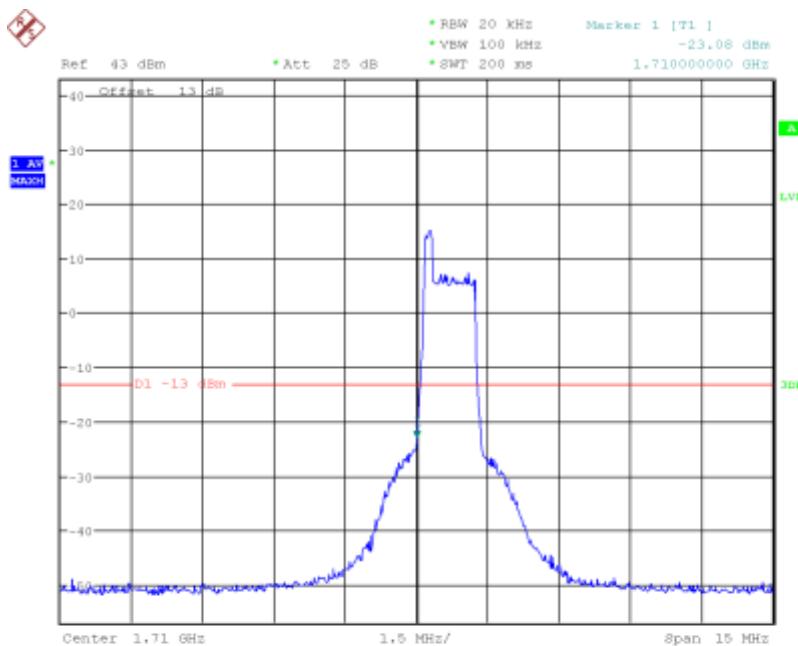


Date: 11.MAR.2019 11:18:58

LTE Band4, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 1755MHz

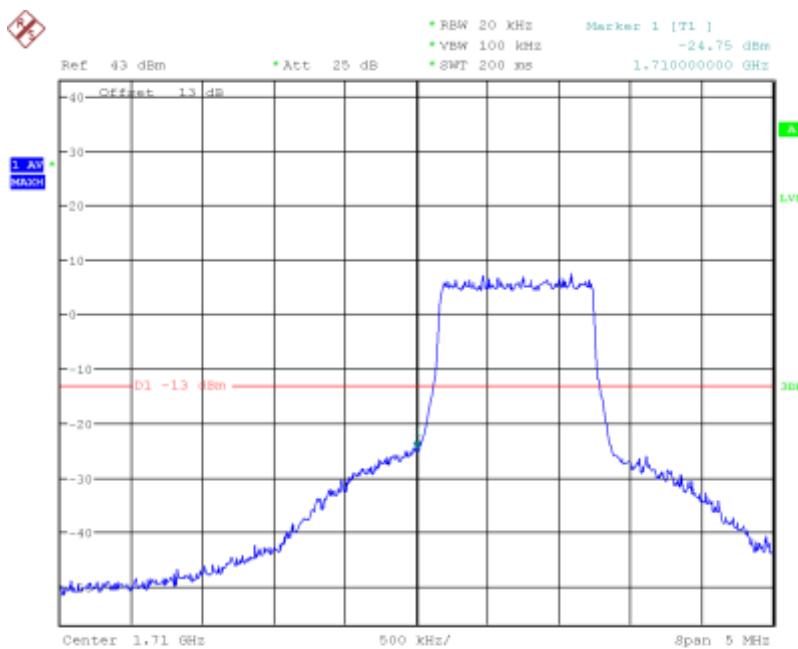
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:20:22

LTE Band4, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

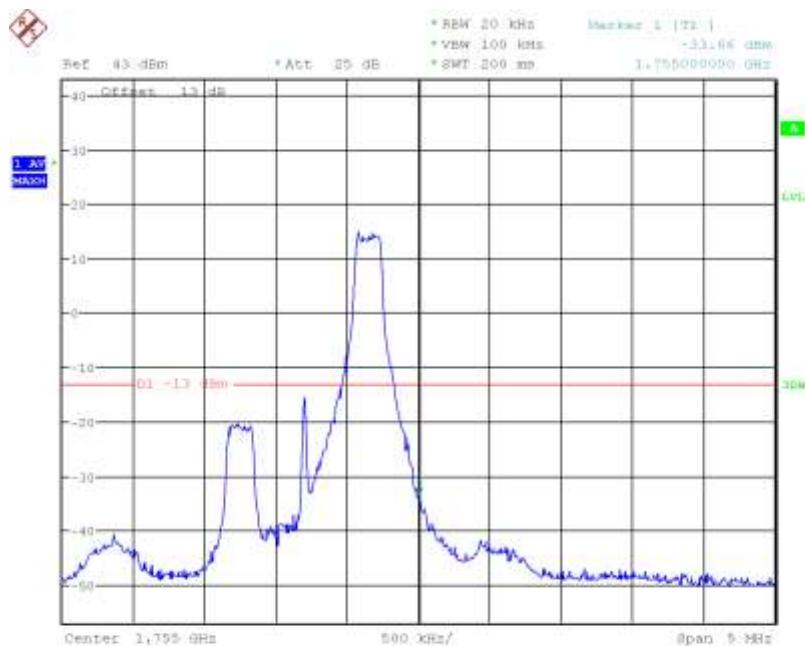


Date: 11.MAR.2019 11:20:37

LTE Band4, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 1710MHz

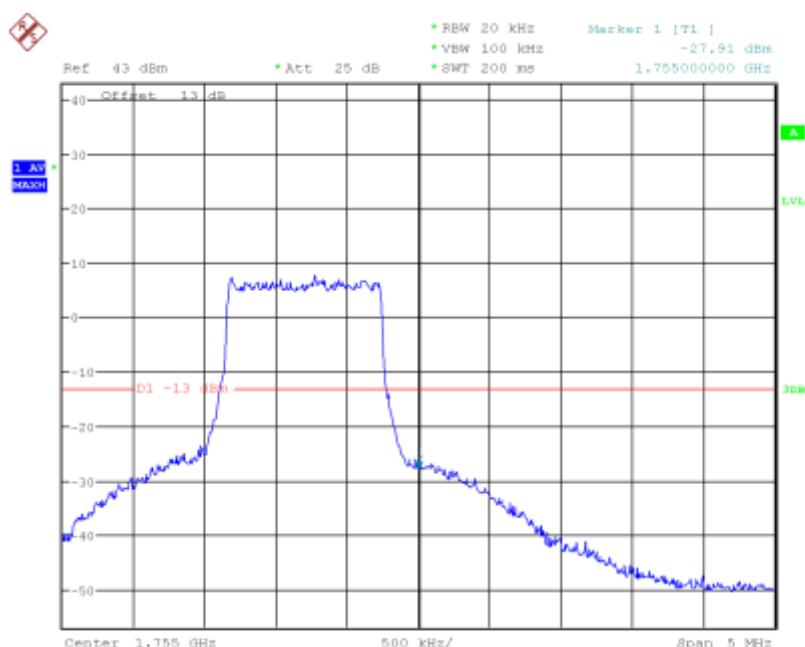
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:21:39

LTE Band4, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 1755MHz



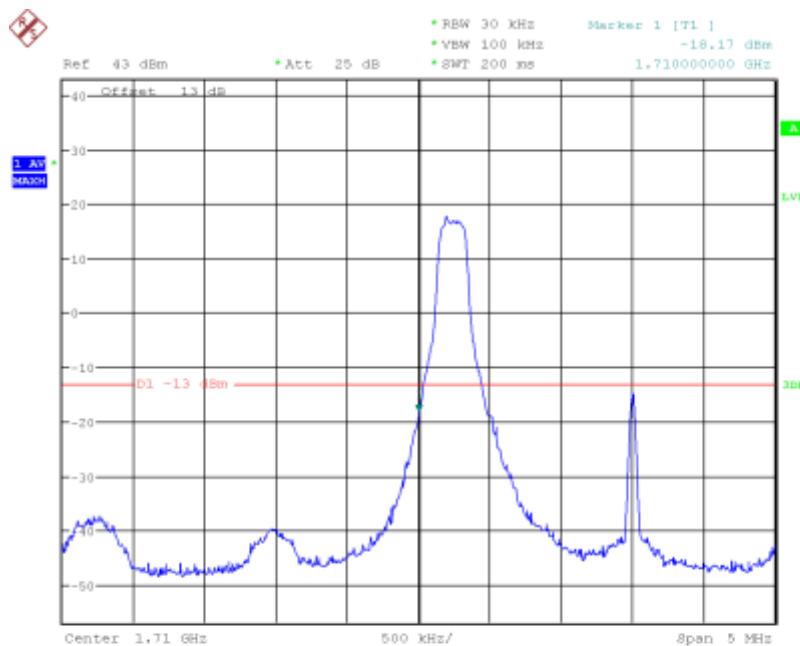
Date: 11.MAR.2019 11:22:03

LTE Band4, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 1755MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

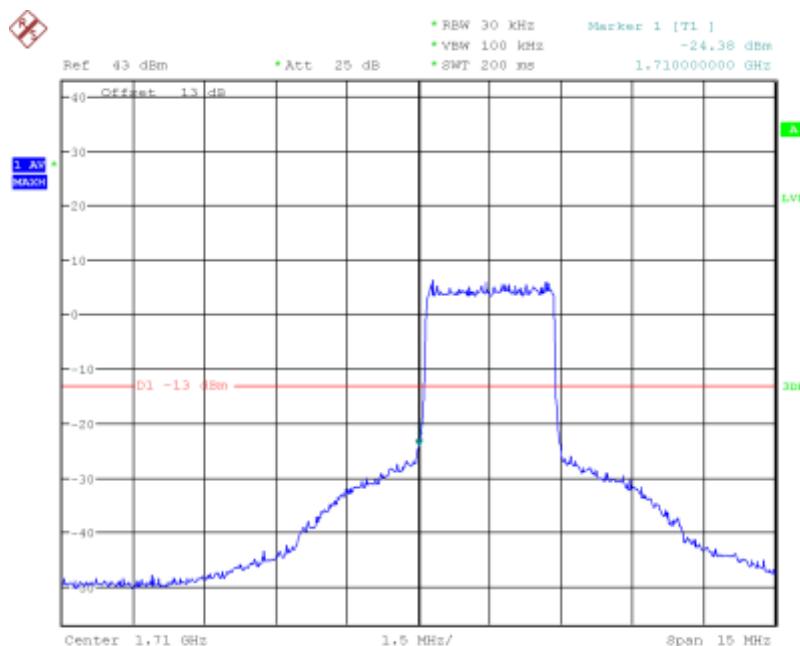
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:25:00

LTE Band4, 3MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



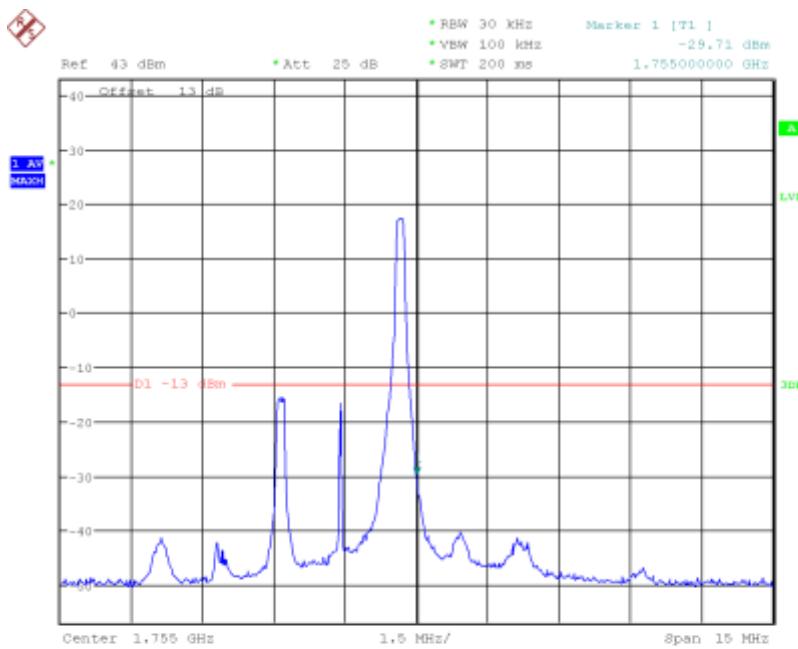
Date: 11.MAR.2019 11:24:35

LTE Band4, 3MHz bandwidth, QPSK,(15,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

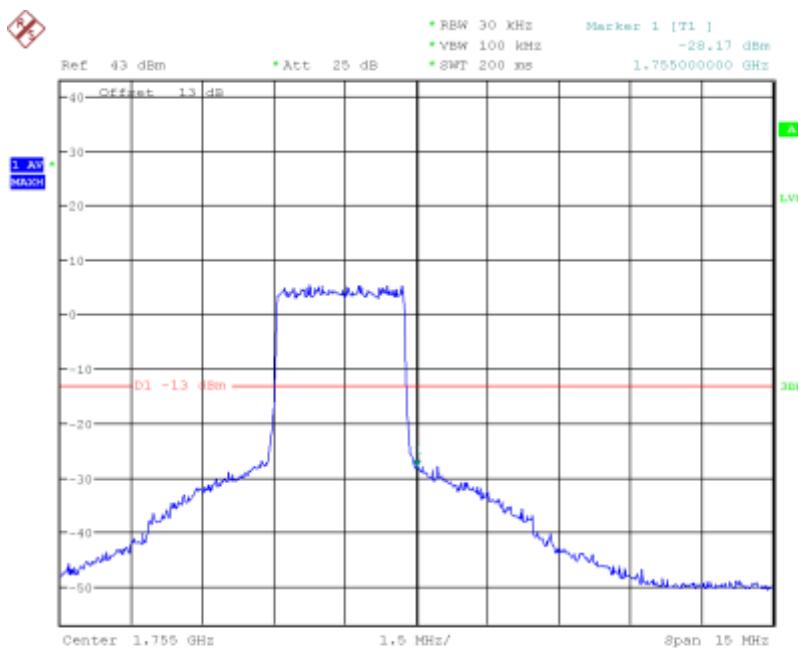
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:26:39

LTE Band4, 3MHz bandwidth, QPSK,(1,15) Mode, Above 1755MHz

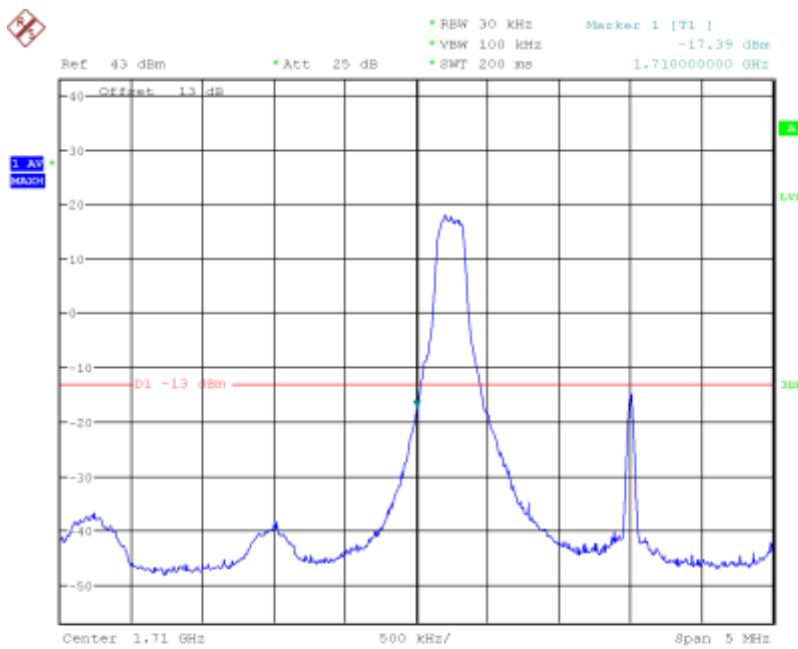


Date: 11.MAR.2019 11:27:01

LTE Band4, 3MHz bandwidth, QPSK,(15,0) Mode, Above 1755MHz

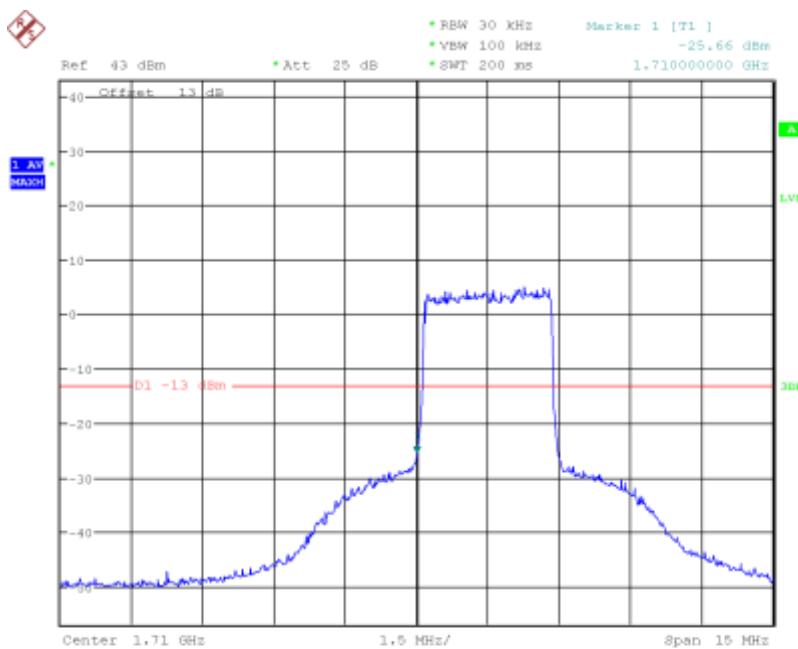
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:23:31

LTE Band4, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

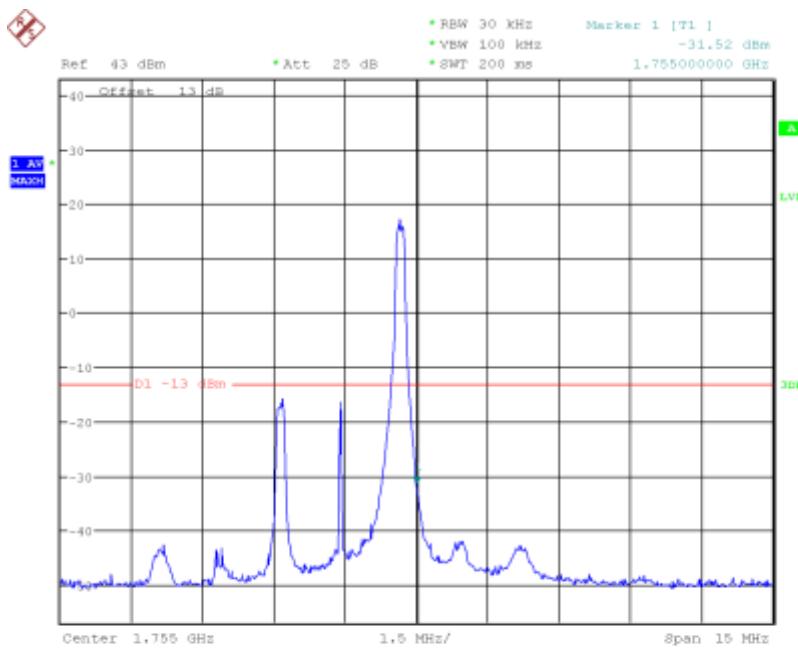


Date: 11.MAR.2019 11:31:25

LTE Band4, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 1710MHz

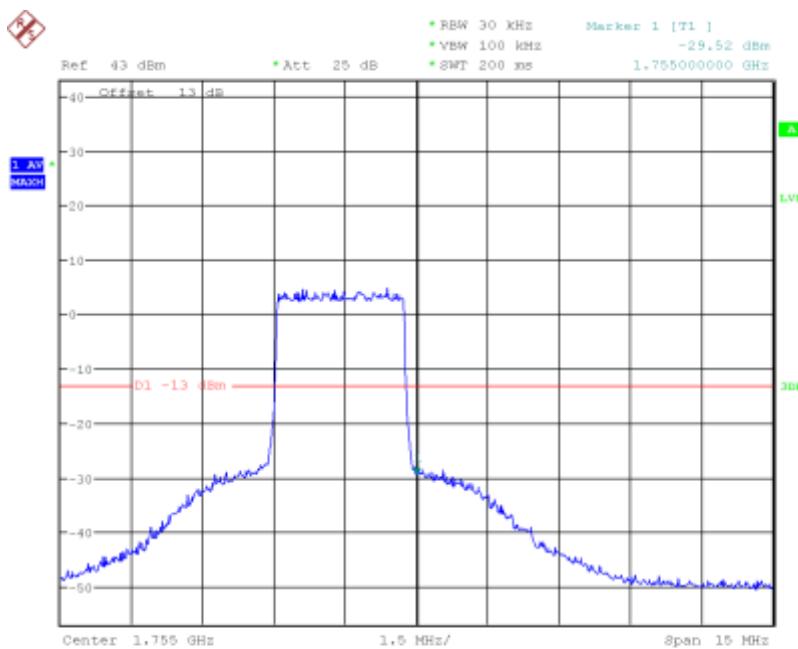
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:32:22

LTE Band4, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 1755MHz

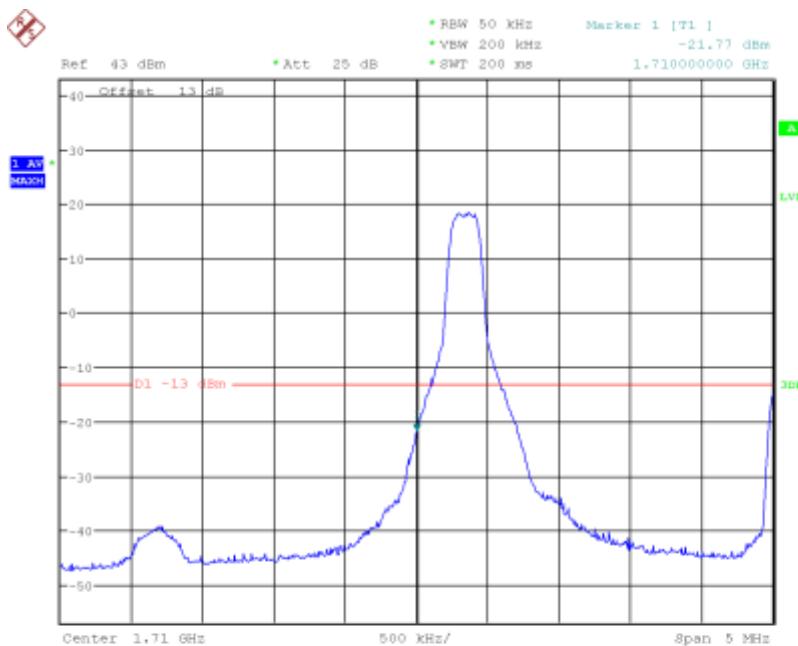


Date: 11.MAR.2019 11:32:51

LTE Band4, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 1755MHz

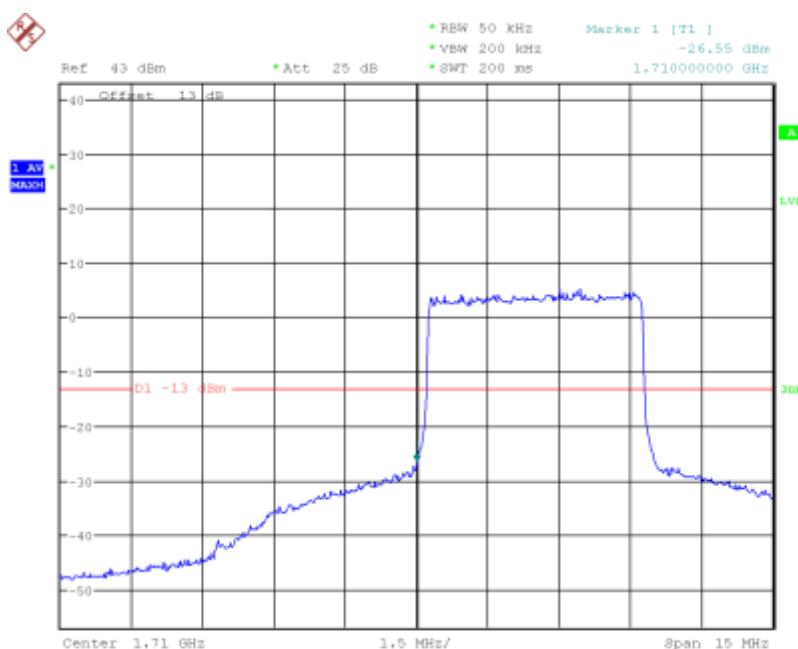
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:36:06

LTE Band4, 5MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

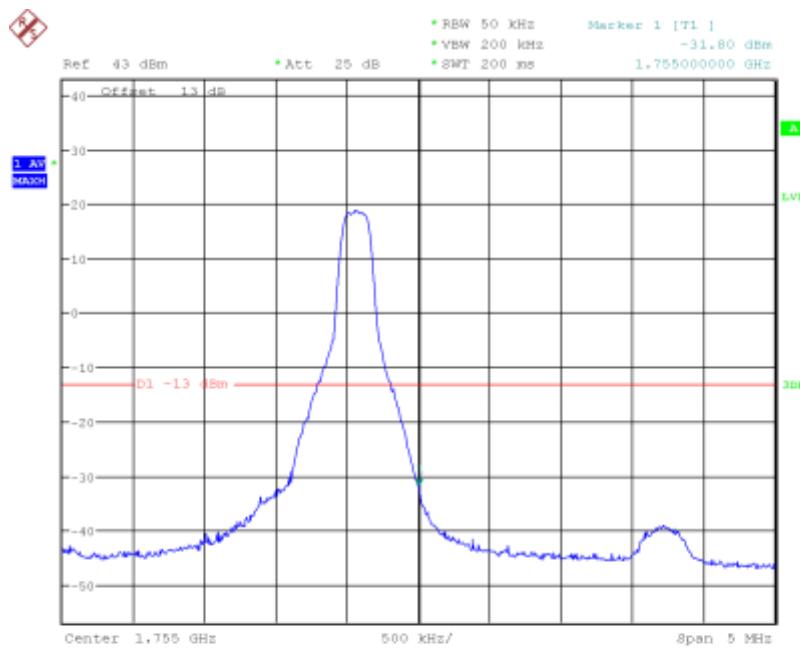


Date: 11.MAR.2019 11:38:48

LTE Band4, 5MHz bandwidth, QPSK,(25,0) Mode , Below 1710MHz

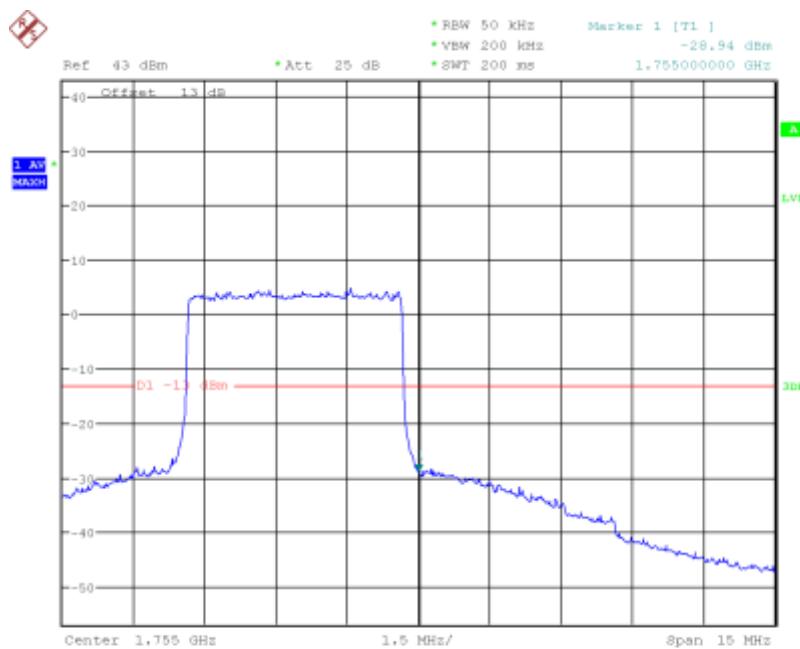
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:40:35

LTE Band4, 5MHz bandwidth, QPSK,(1,25) Mode, Above 1755MHz

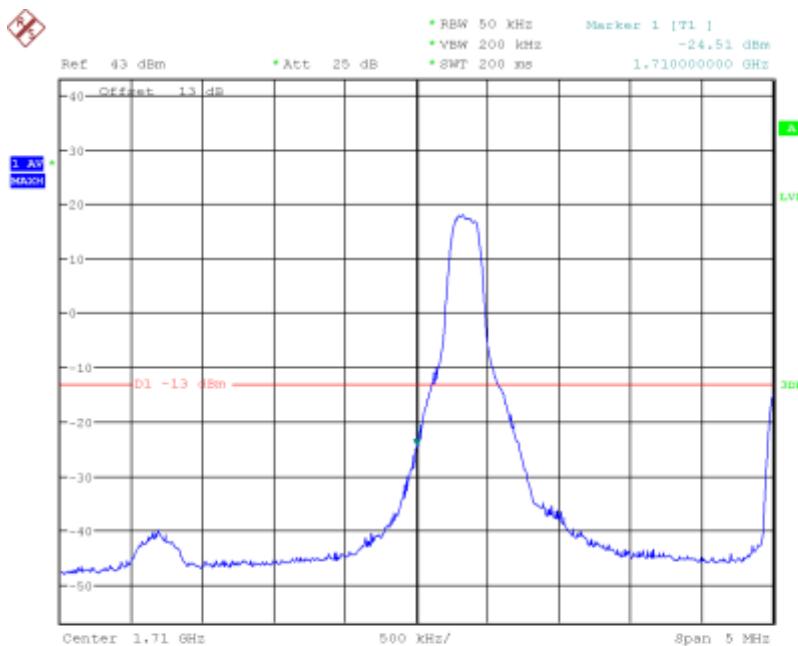


Date: 11.MAR.2019 11:41:24

LTE Band4, 5MHz bandwidth, QPSK,(25,0) Mode, Above 1755MHz

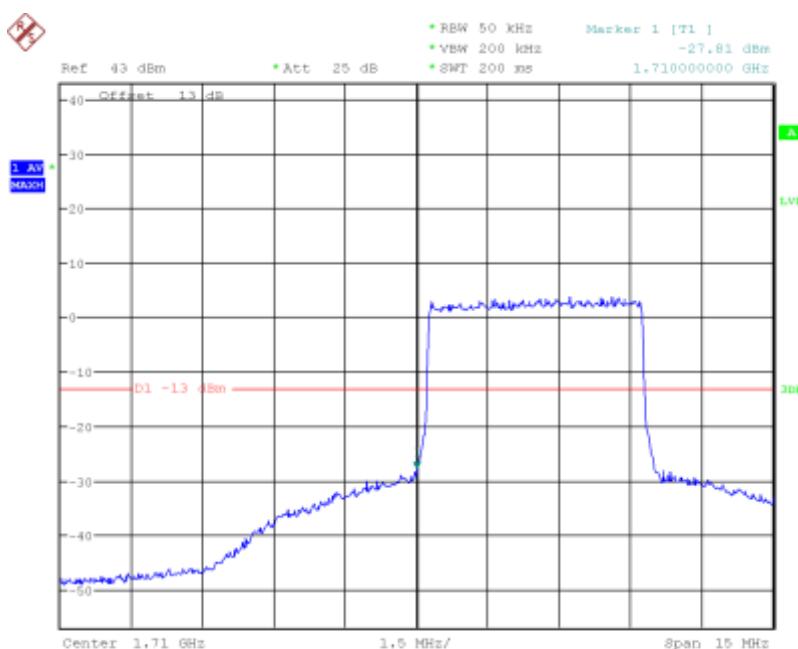
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:42:28

LTE Band4, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

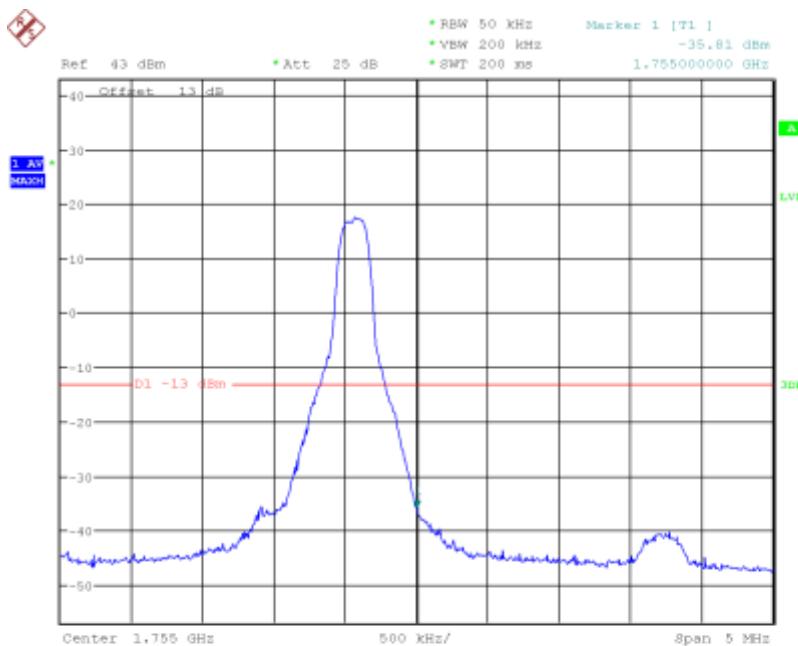


Date: 11.MAR.2019 11:43:01

LTE Band4, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 1710MHz

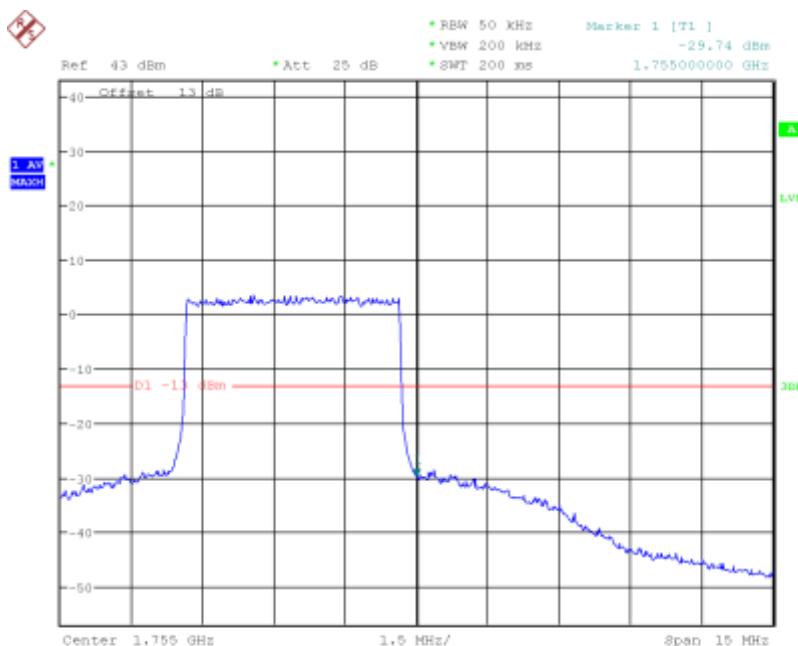
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:44:33

LTE Band4, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 1755MHz



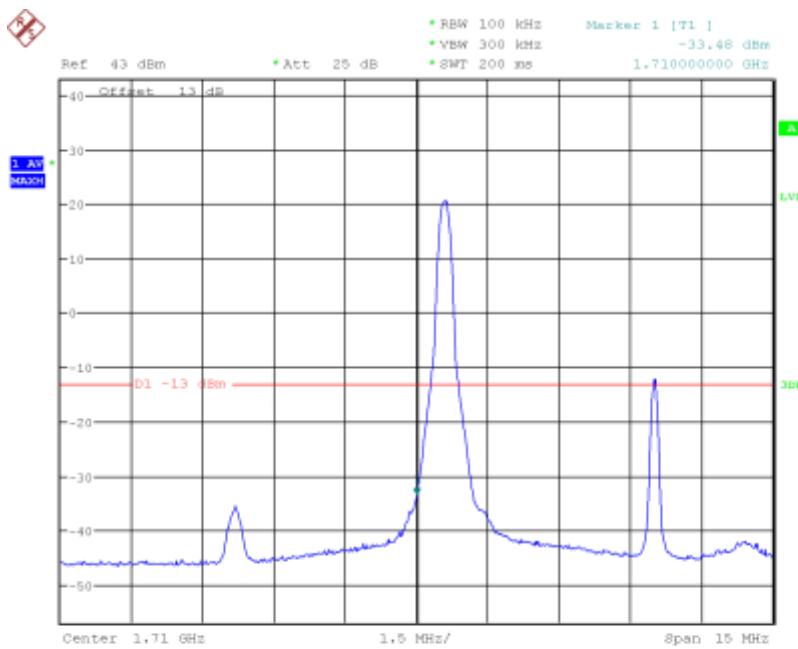
Date: 11.MAR.2019 11:45:32

LTE Band4, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 1755MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

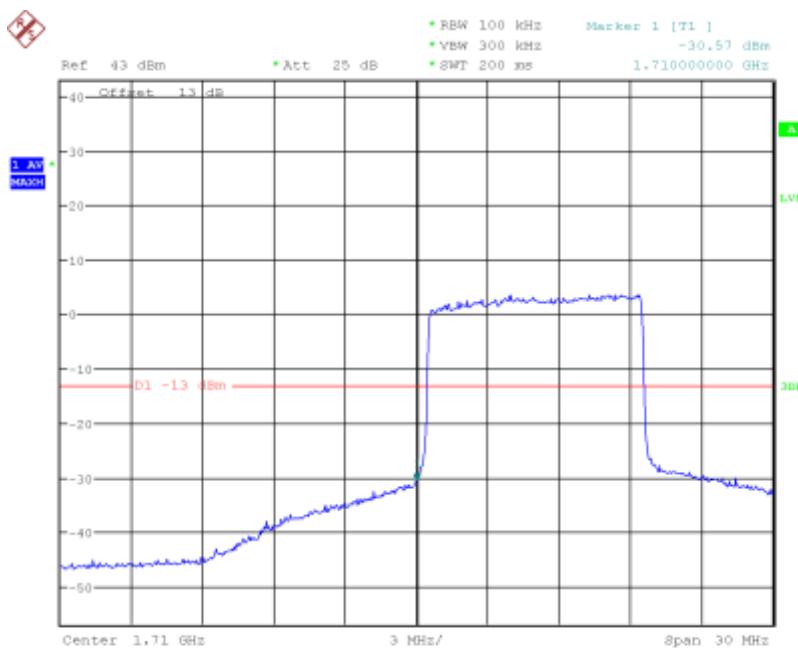
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:47:32

LTE Band4, 10MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

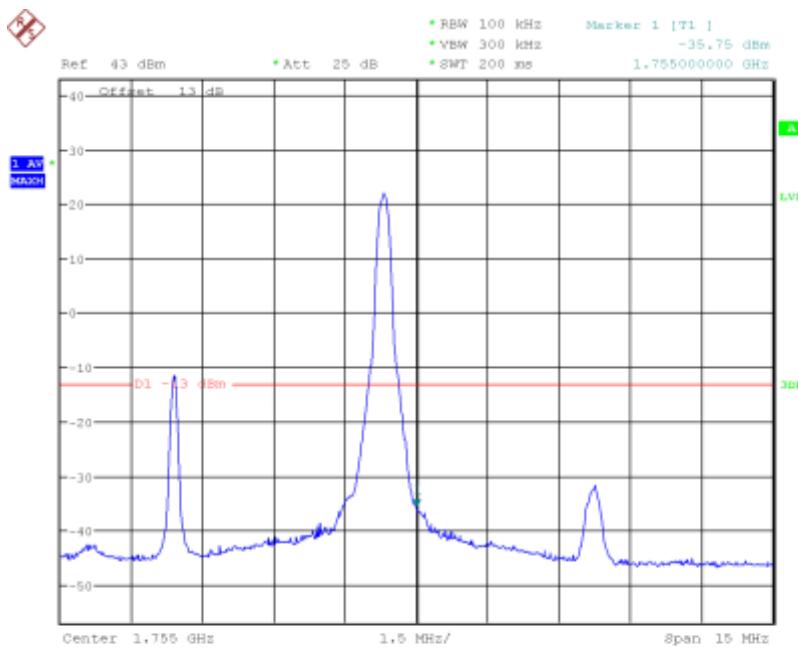


Date: 11.MAR.2019 11:48:14

LTE Band4, 10MHz bandwidth, QPSK,(50,0) Mode , Below 1710MHz

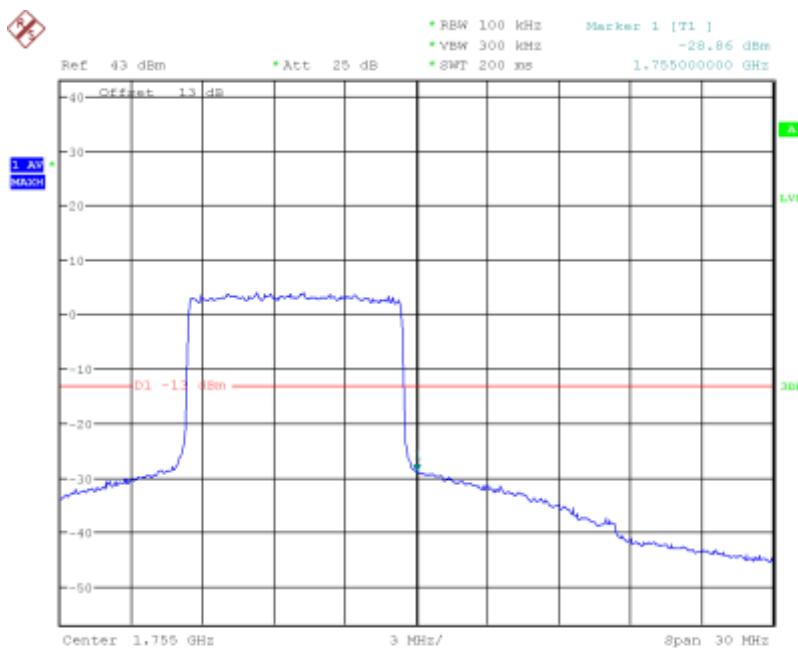
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 11:51:14

LTE Band4, 10MHz bandwidth, QPSK,(1,50) Mode, Above 1755MHz



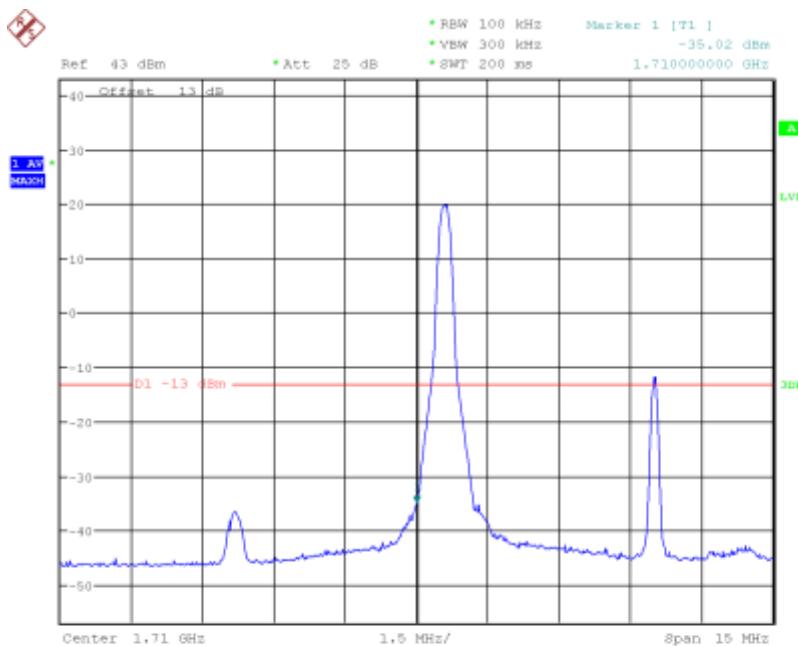
Date: 11.MAR.2019 12:06:41

LTE Band4, 10MHz bandwidth, QPSK,(50,0) Mode, Above 1755MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

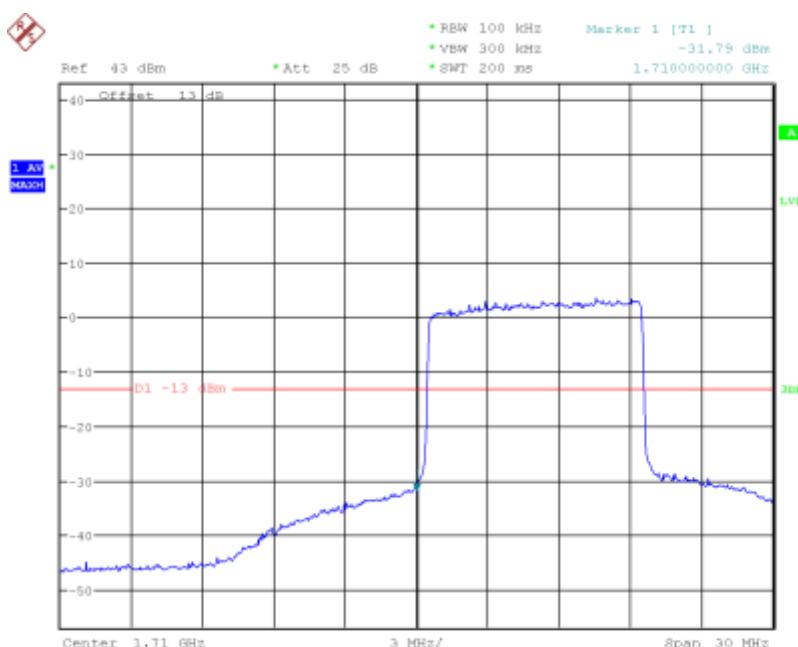
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:08:57

LTE Band4, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

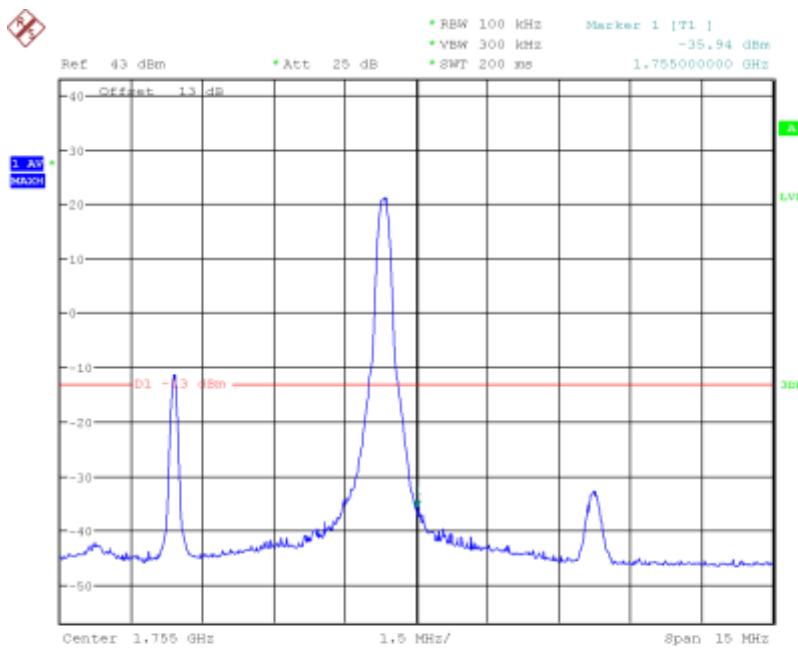


Date: 11.MAR.2019 12:09:32

LTE Band4, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 1710MHz

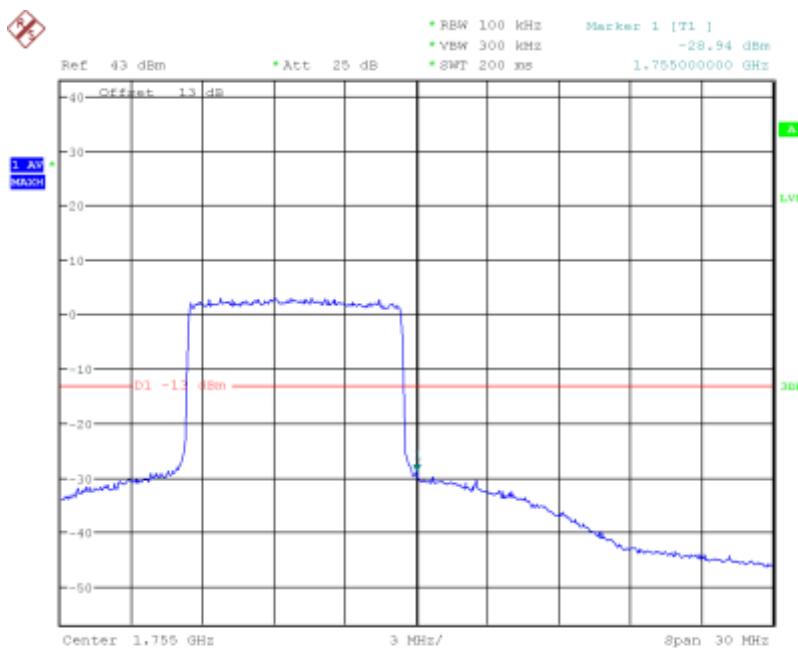
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:11:08

LTE Band4, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 1755MHz

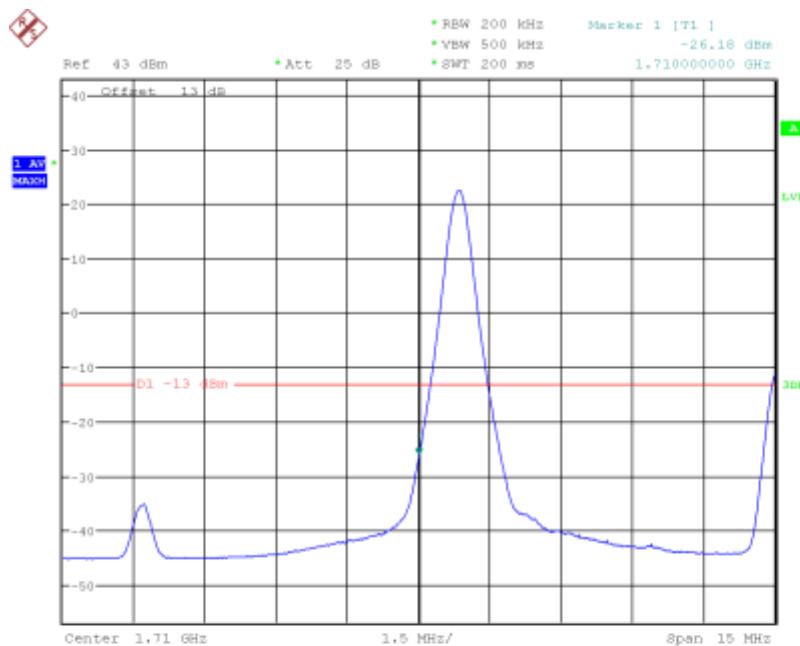


Date: 11.MAR.2019 12:12:02

LTE Band4, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 1755MHz

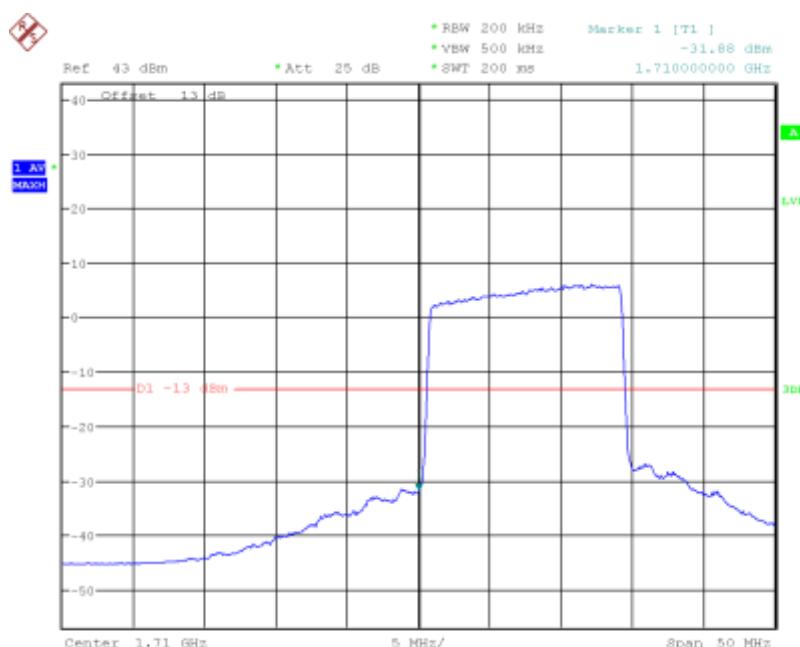
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:14:37

LTE Band4, 15MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

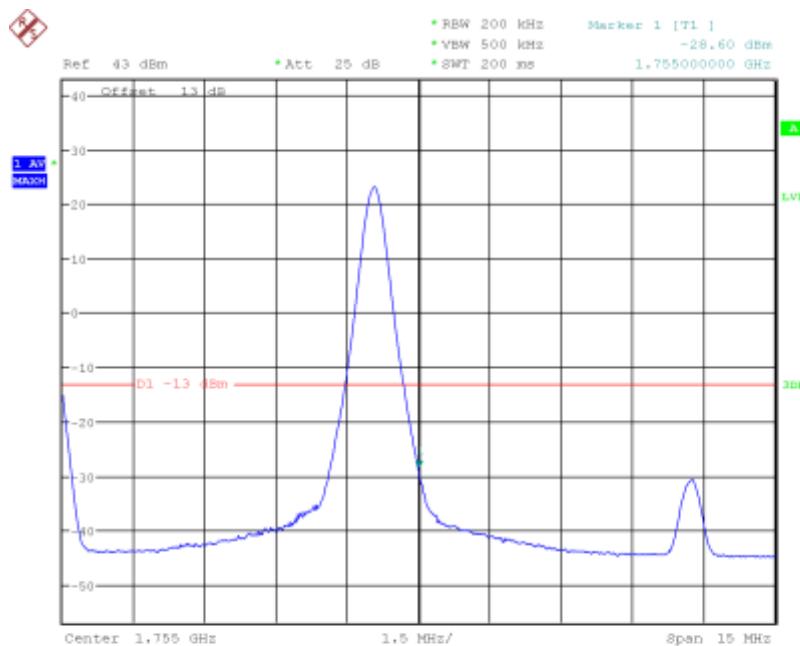


Date: 11.MAR.2019 12:15:39

LTE Band4, 15MHz bandwidth, QPSK,(75,0) Mode , Below 1710MHz

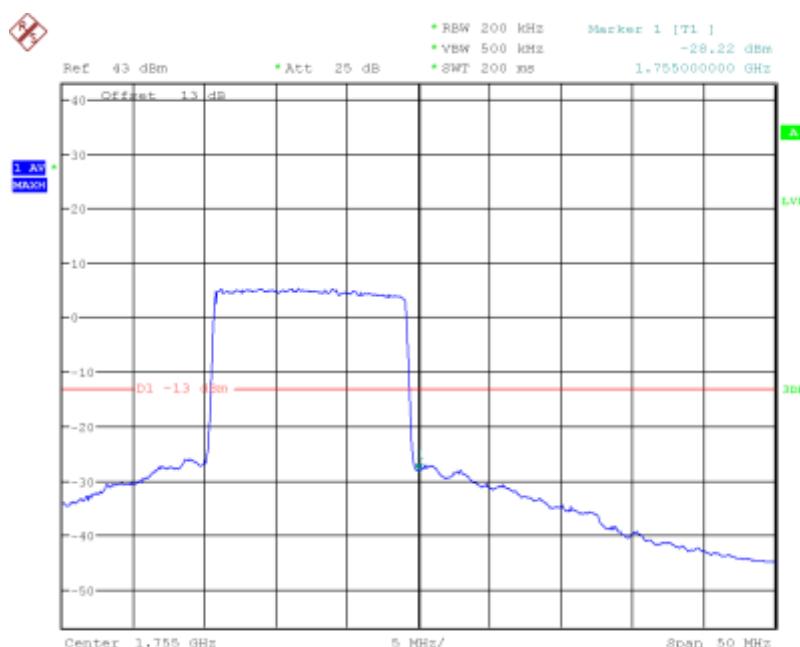
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:38:20

LTE Band4, 15MHz bandwidth, QPSK,(1,75) Mode, Above 1755MHz



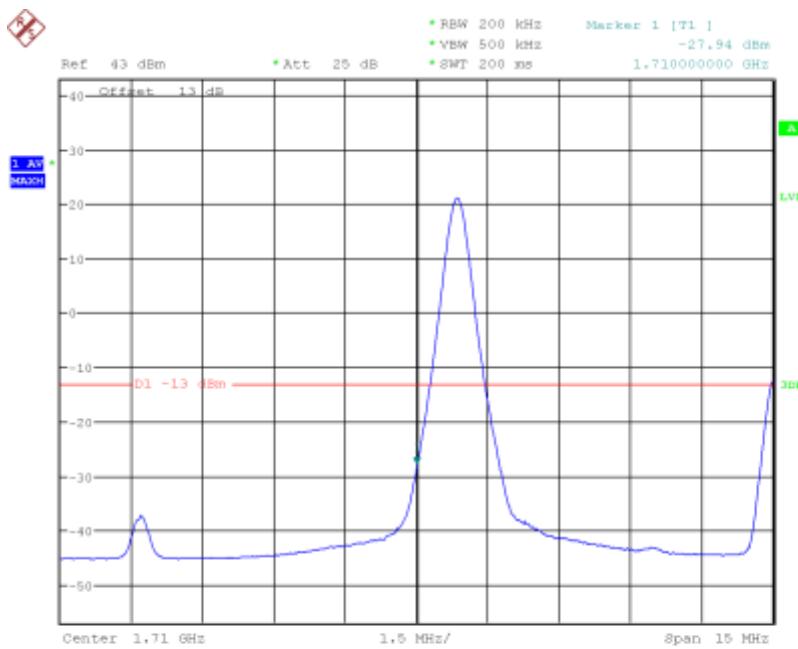
Date: 11.MAR.2019 12:39:30

LTE Band4, 15MHz bandwidth, QPSK,(75,0) Mode, Above 1755MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

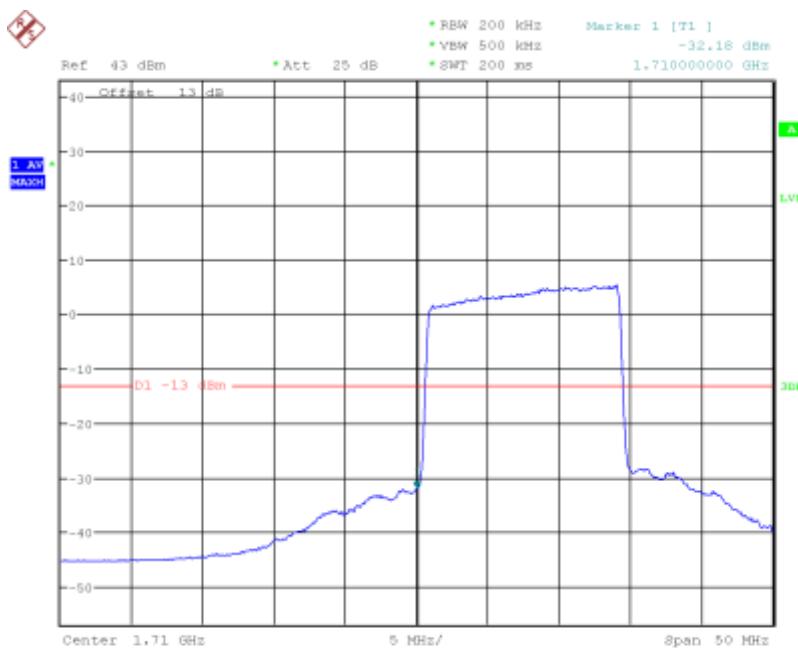
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:41:37

LTE Band4, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

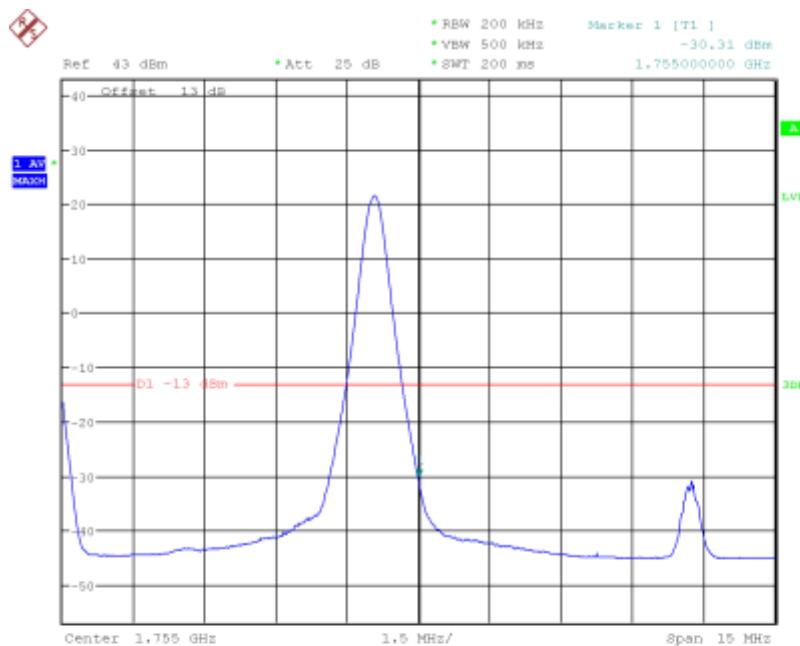


Date: 11.MAR.2019 12:42:22

LTE Band4, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 1710MHz

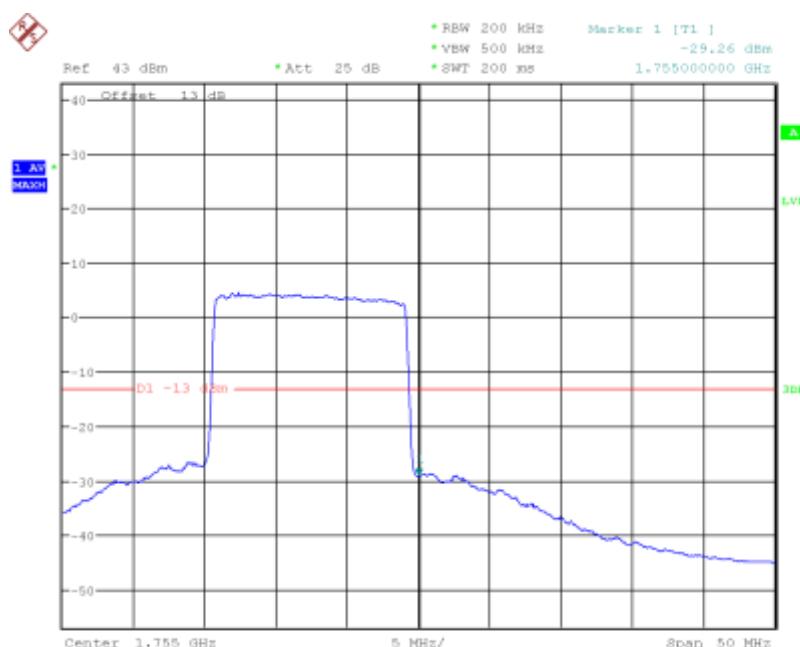
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:44:35

LTE Band4, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 1755MHz

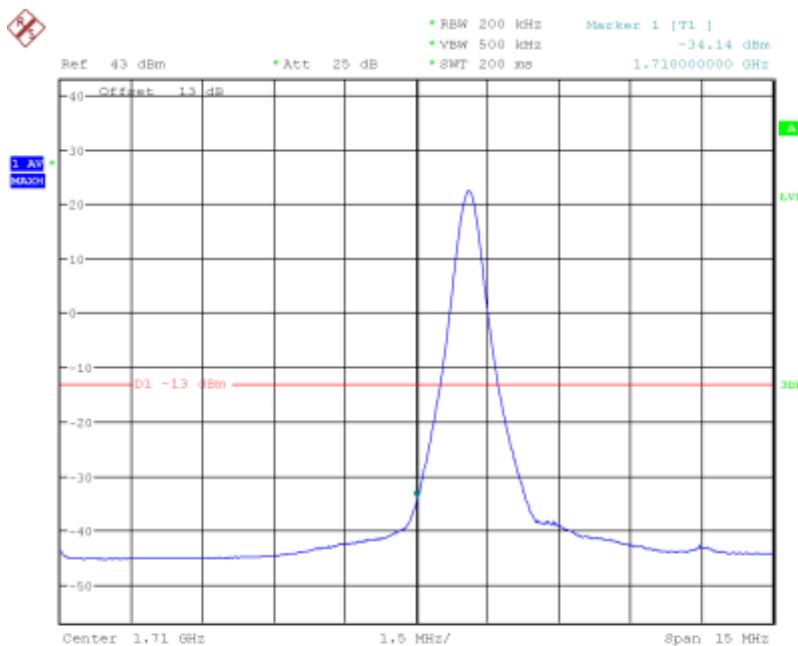


Date: 11.MAR.2019 12:45:26

LTE Band4, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 1755MHz

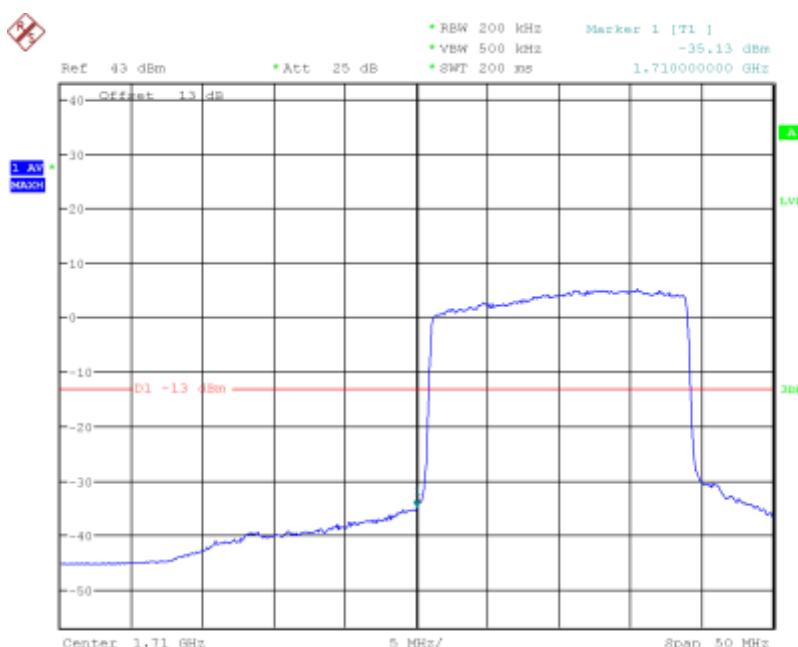
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:47:51

LTE Band4, 20MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

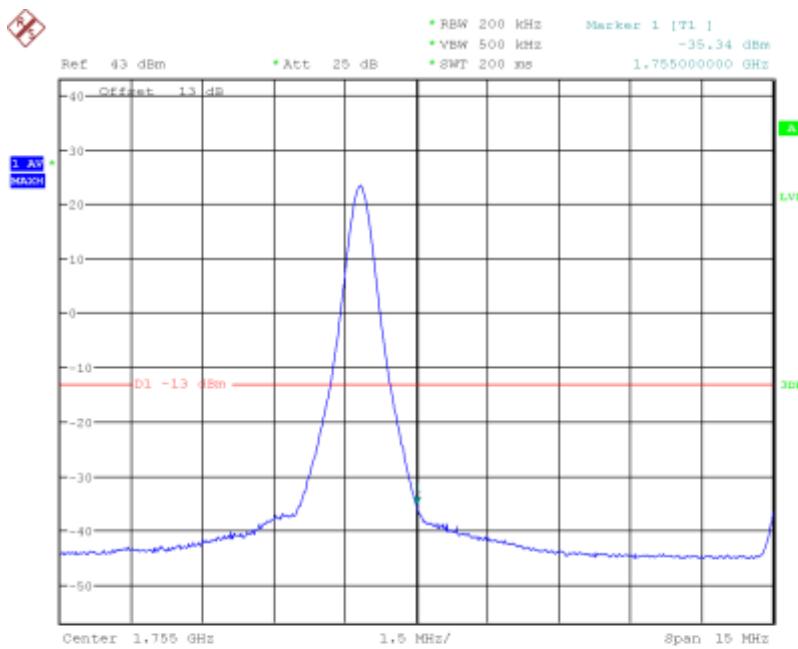


Date: 11.MAR.2019 12:48:13

LTE Band4, 20MHz bandwidth, QPSK,(100,0) Mode , Below 1710MHz

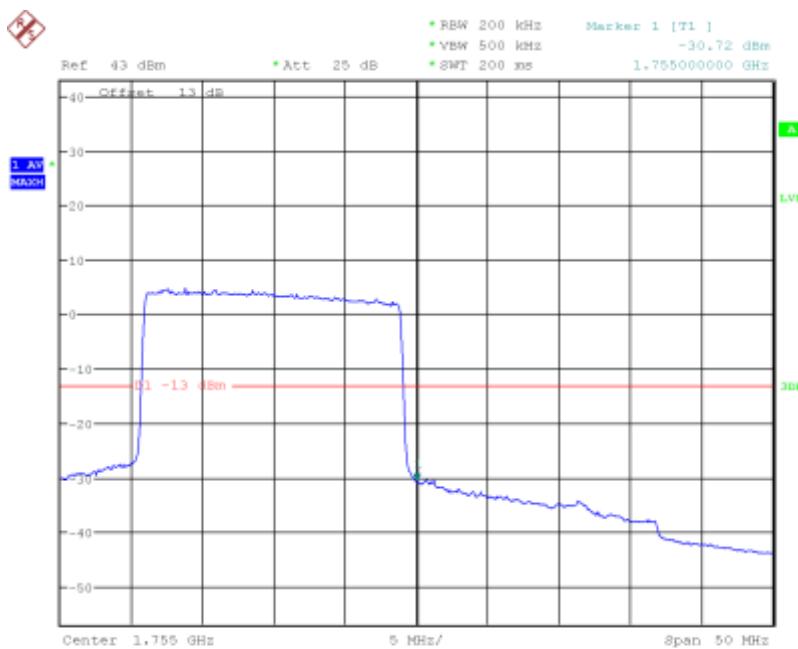
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:50:10

LTE Band4, 20MHz bandwidth, QPSK,(1,100) Mode, Above 1755MHz

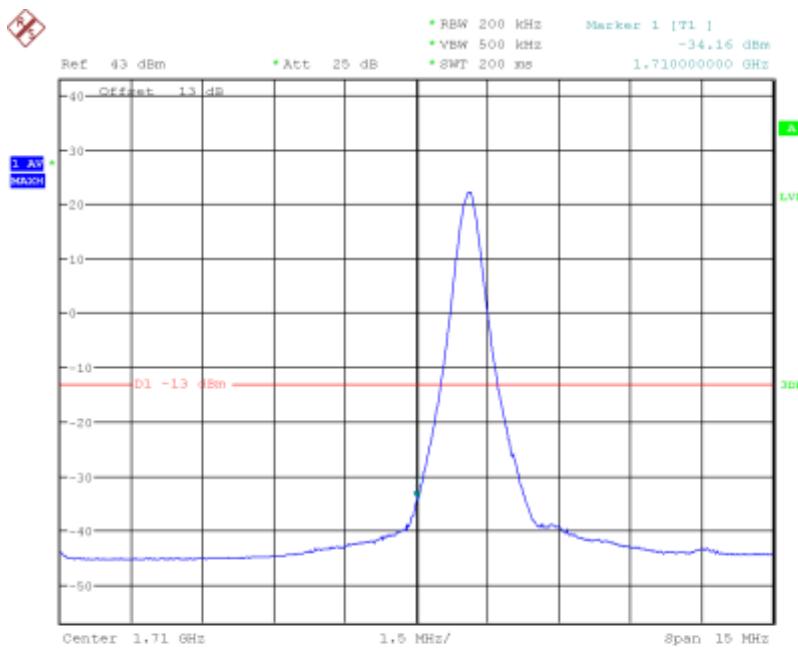


Date: 11.MAR.2019 12:50:46

LTE Band4, 20MHz bandwidth, QPSK,(100,0) Mode, Above 1755MHz

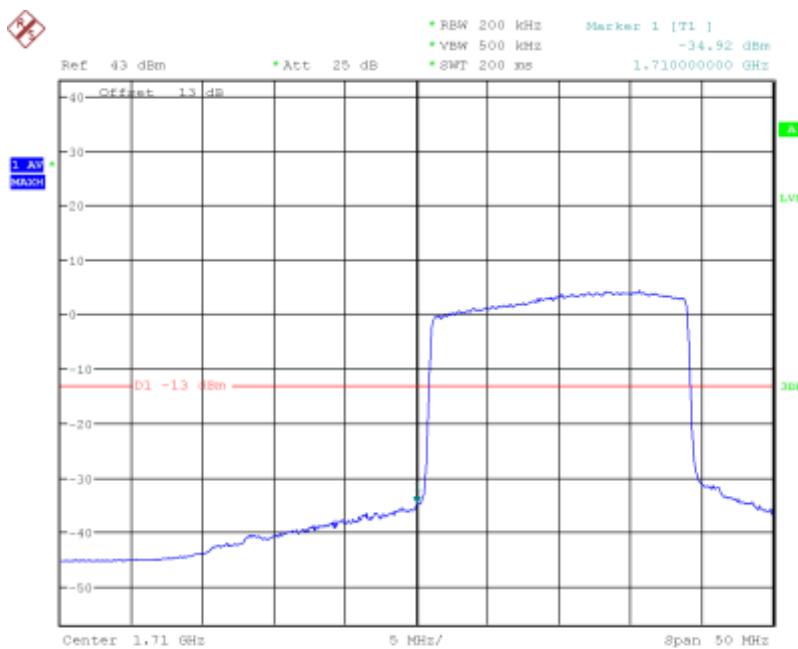
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:49:18

LTE Band4, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

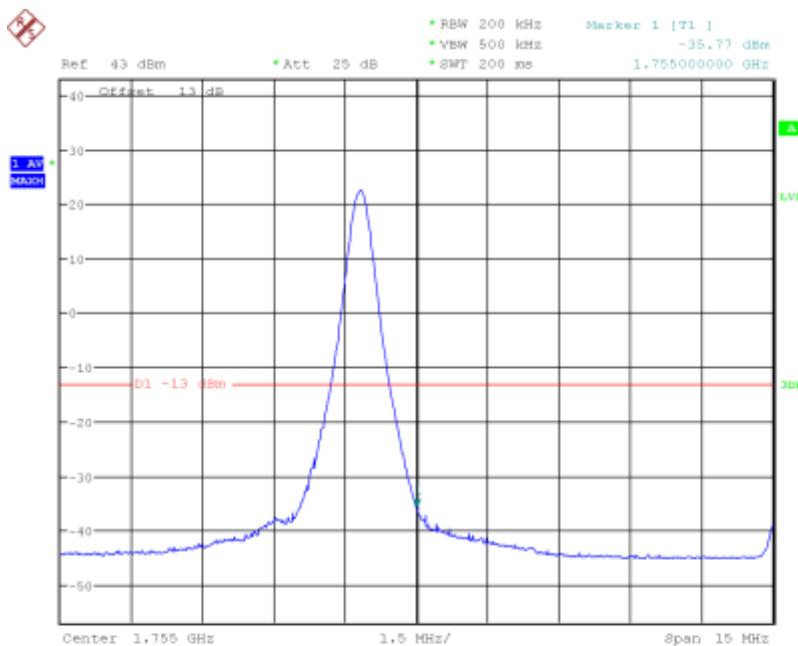


Date: 11.MAR.2019 12:49:00

LTE Band4, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 1710MHz

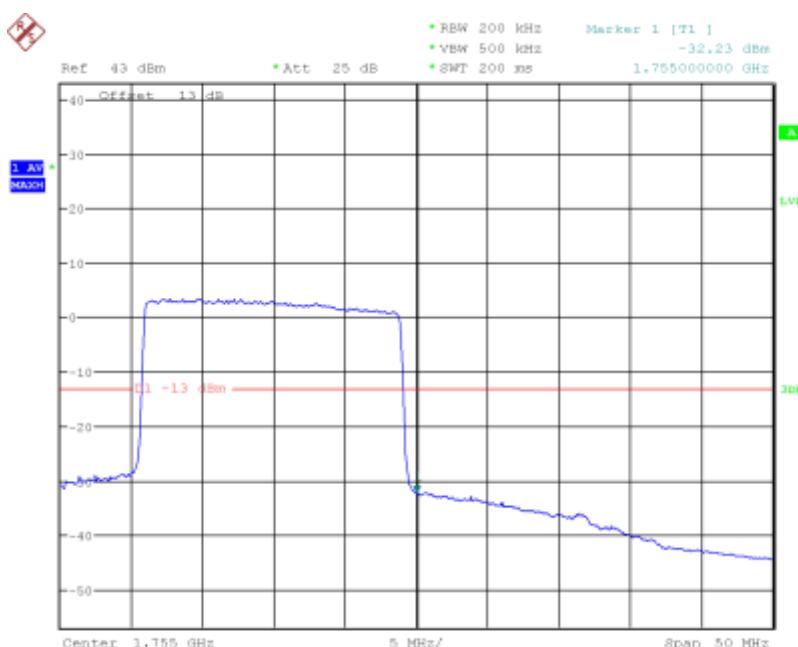
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 12:51:53

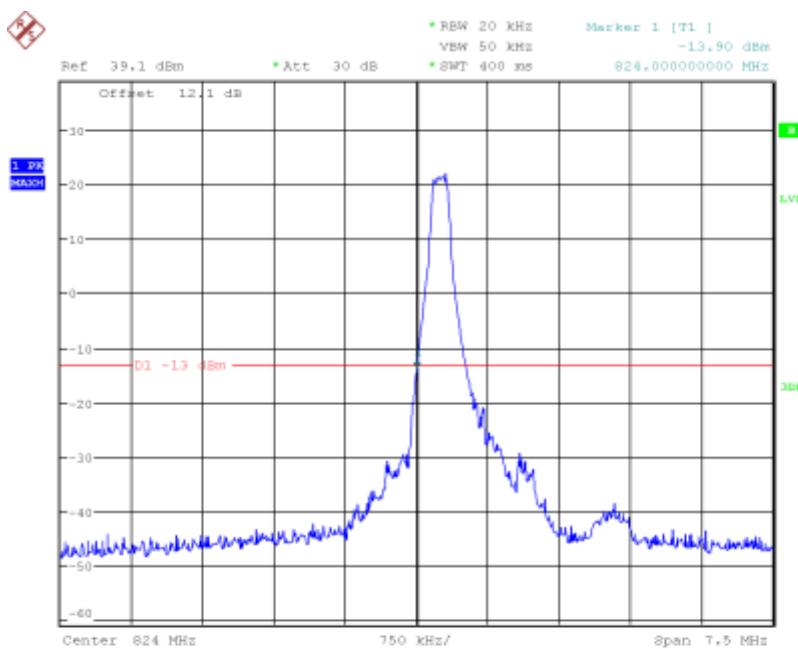
LTE Band4, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 1755MHz



Date: 11.MAR.2019 12:51:31

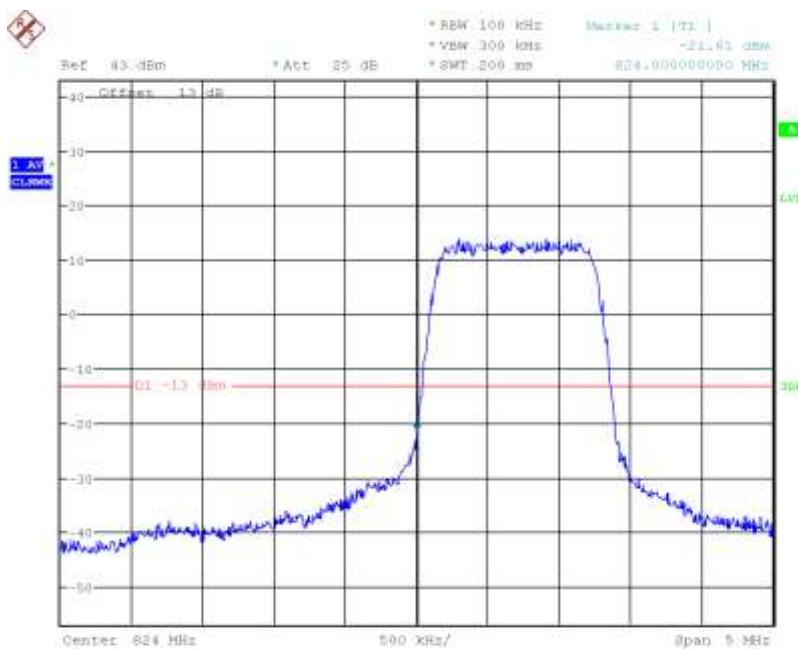
LTE Band4, 20MHz bandwidth, 16QAM,100,0 Mode, Above 1755MHz

### 5.5.7 LTE B5 Band Edge Results



Date: 26.MAR.2019 08:01:06

LTE Band5, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



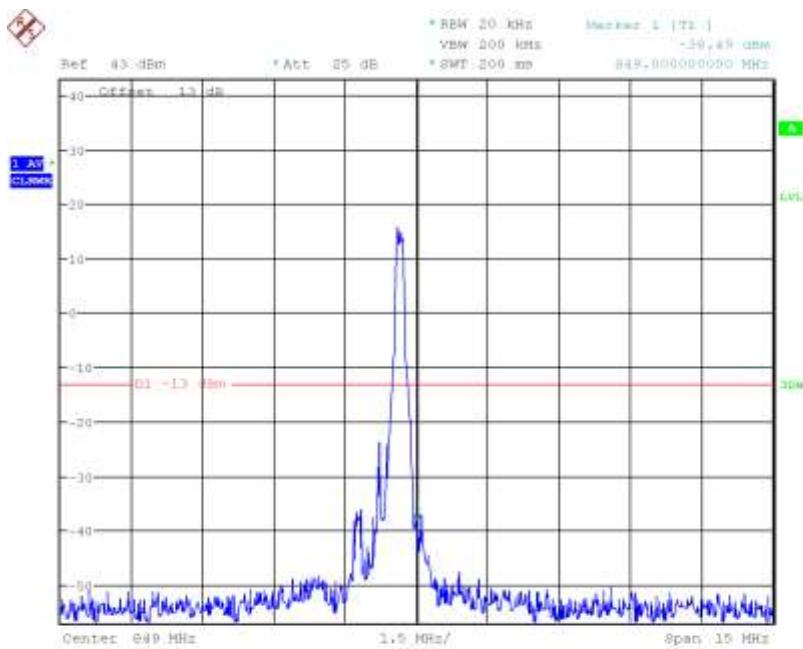
Date: 11.MAR.2019 12:51:04

LTE Band5, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 824MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

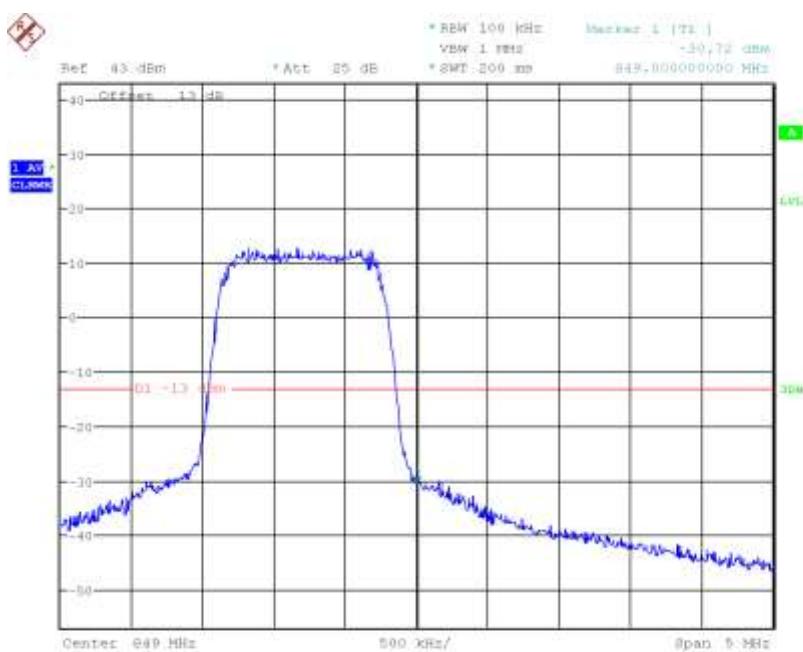
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:00:24

LTE Band5, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 849MHz



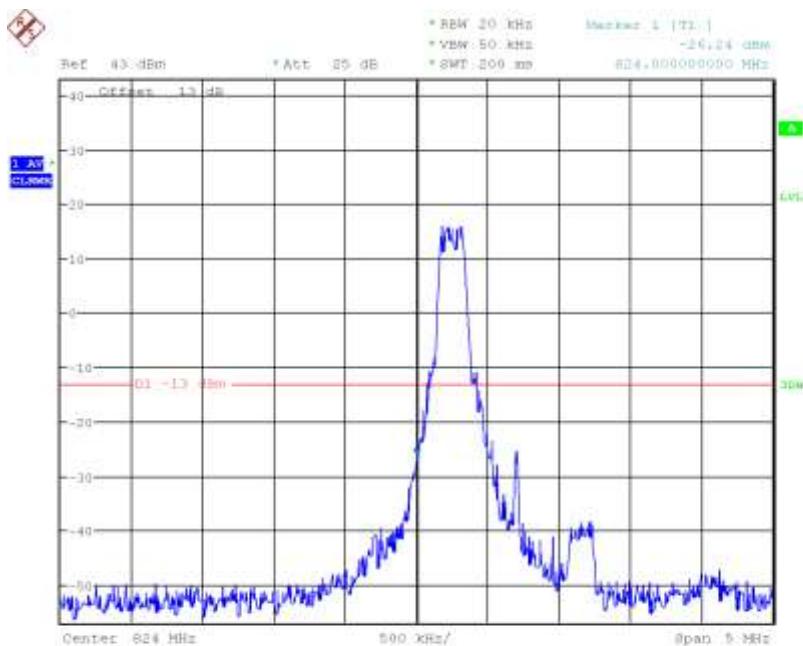
Date: 11.MAR.2019 13:00:57

LTE Band5, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 849MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

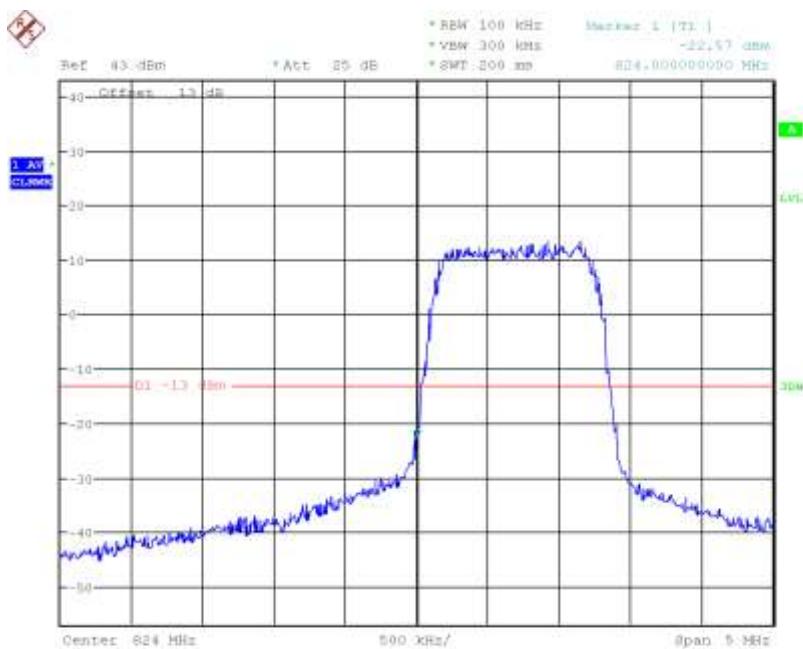
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 12:58:07

LTE Band5, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz



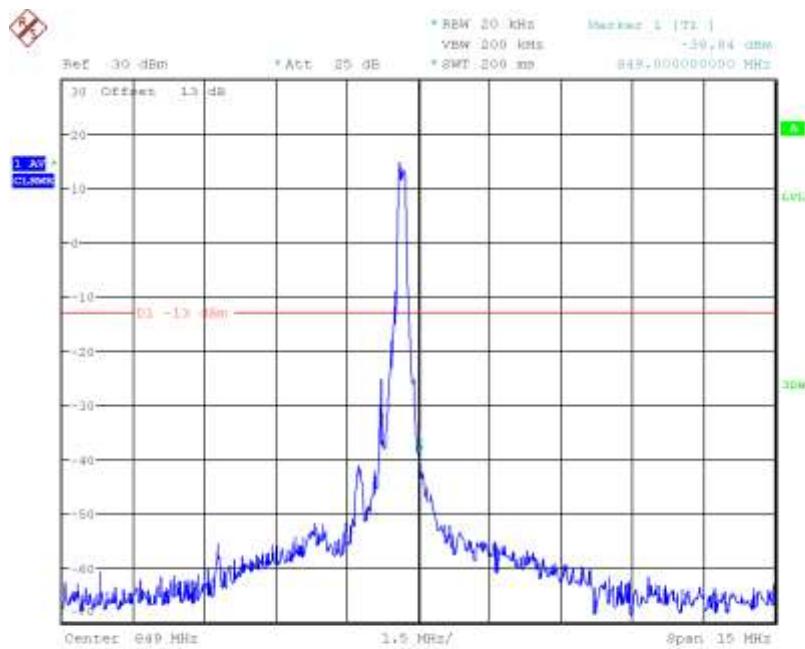
Date: 11.MAR.2018 12:57:31

LTE Band5, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 824MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

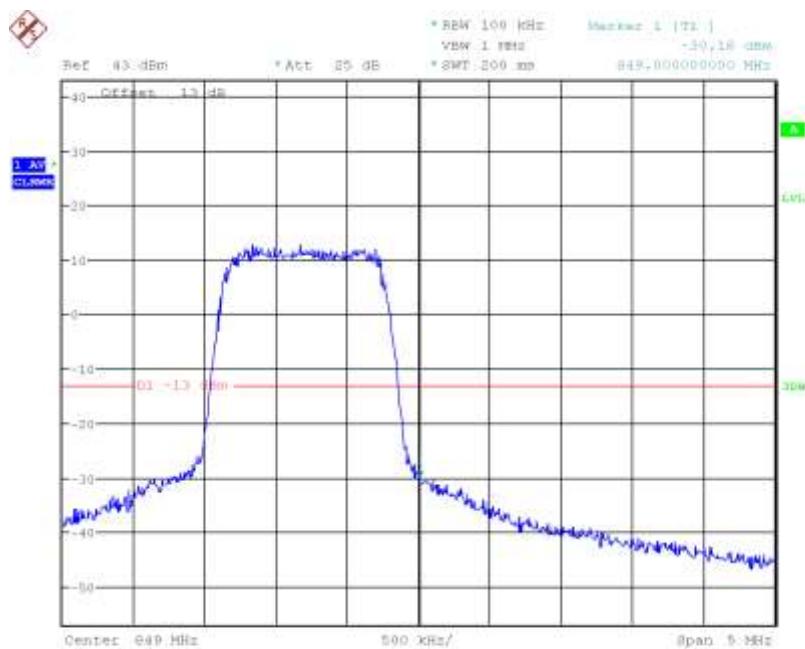
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:01:54

LTE Band5, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 849MHz

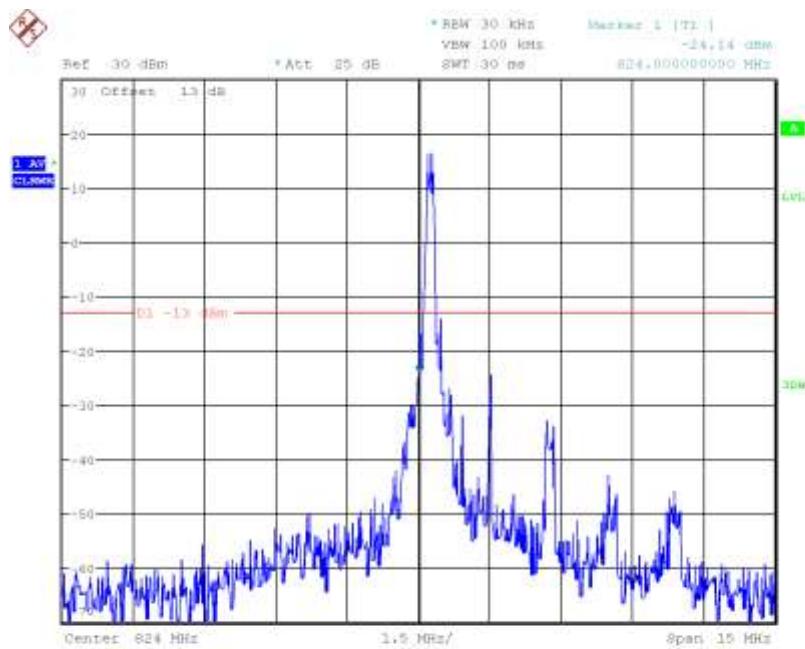


Date: 11.MAR.2018 13:01:14

LTE Band5, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 849MHz

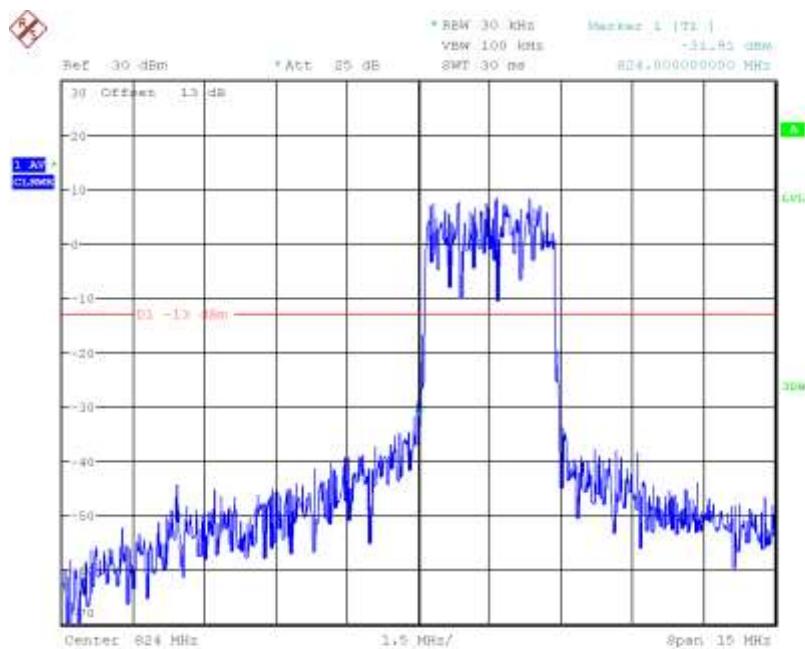
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:03:51

LTE Band5, 3MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



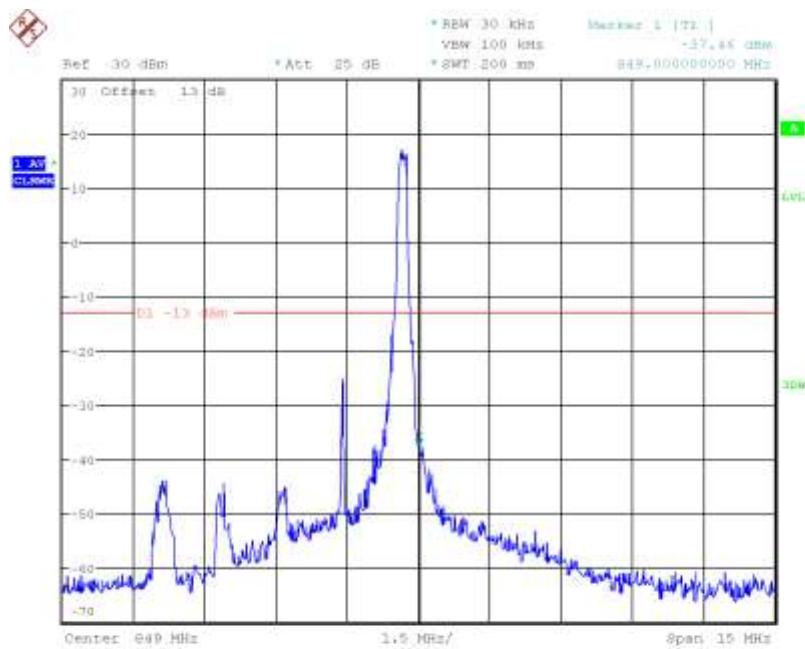
Date: 11.MAR.2019 13:05:33

LTE Band5, 3MHz bandwidth, QPSK,(15,0) Mode , Below 824MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

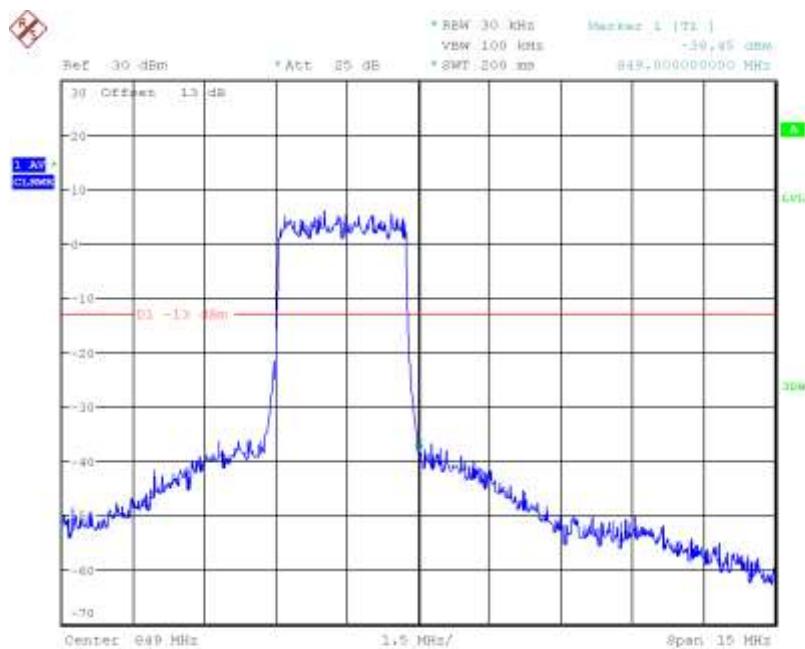
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:07:21

LTE Band5, 3MHz bandwidth, QPSK,(1,15) Mode, Above 849MHz

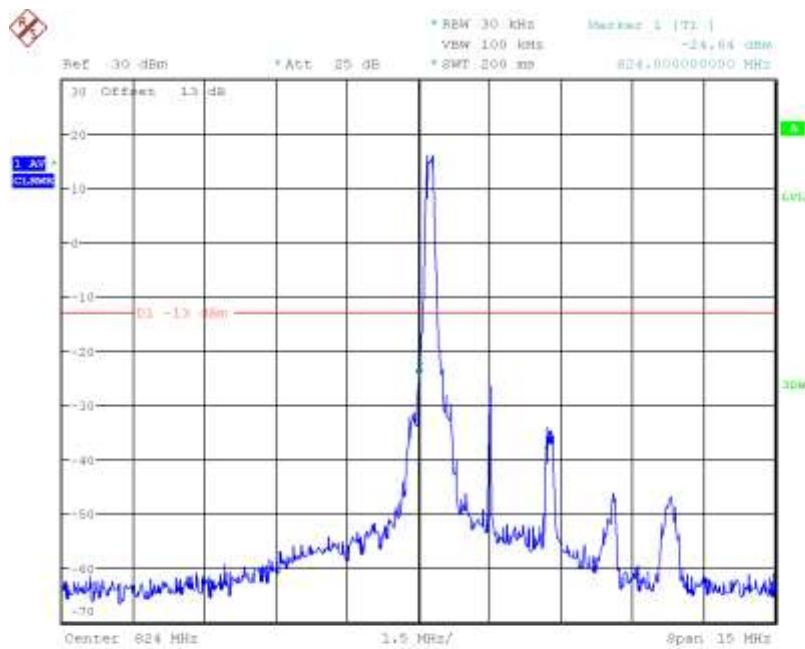


Date: 11.MAR.2019 13:07:38

LTE Band5, 3MHz bandwidth, QPSK,(15,0) Mode, Above 849MHz

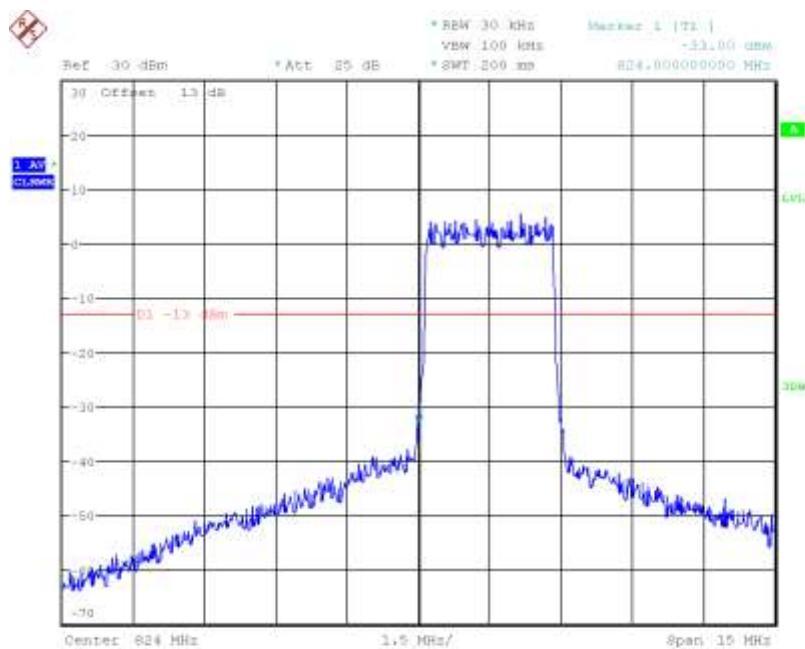
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:06:20

LTE Band5, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz

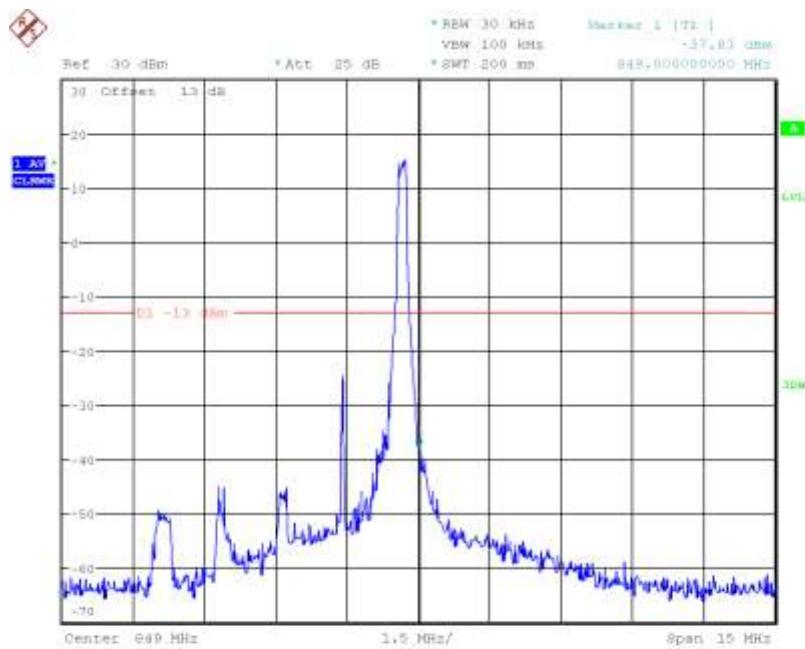


Date: 11.MAR.2019 13:06:03

LTE Band5, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 824MHz

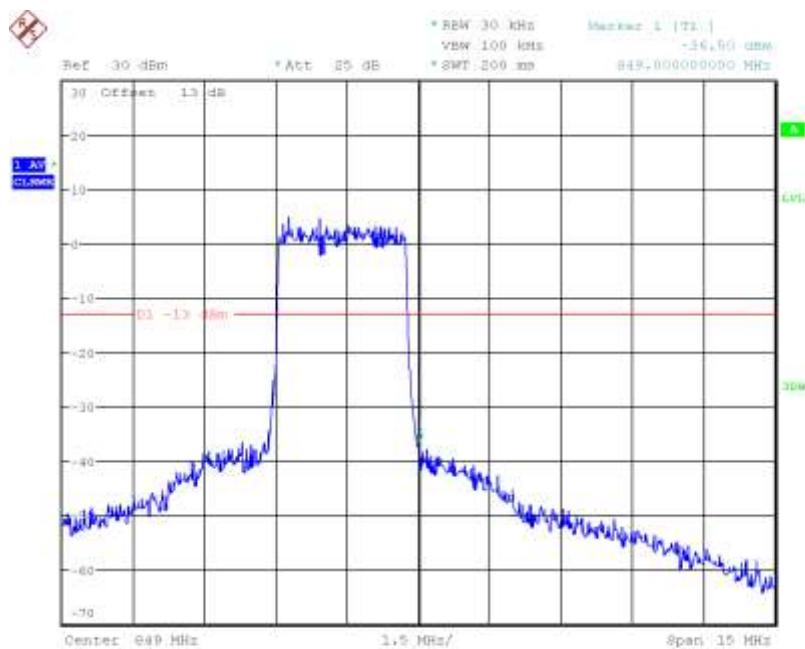
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:08:29

LTE Band5, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 849MHz

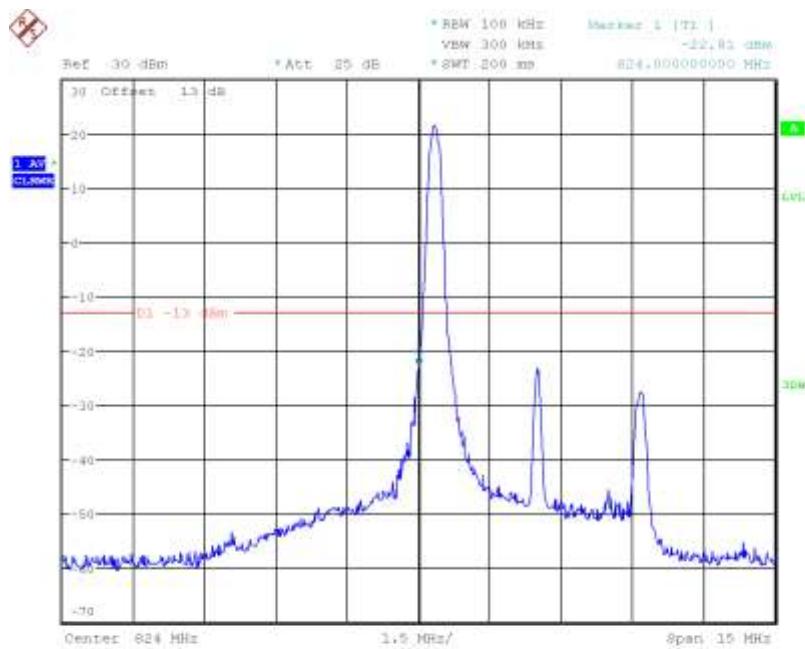


Date: 11.MAR.2018 13:08:01

LTE Band5, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 849MHz

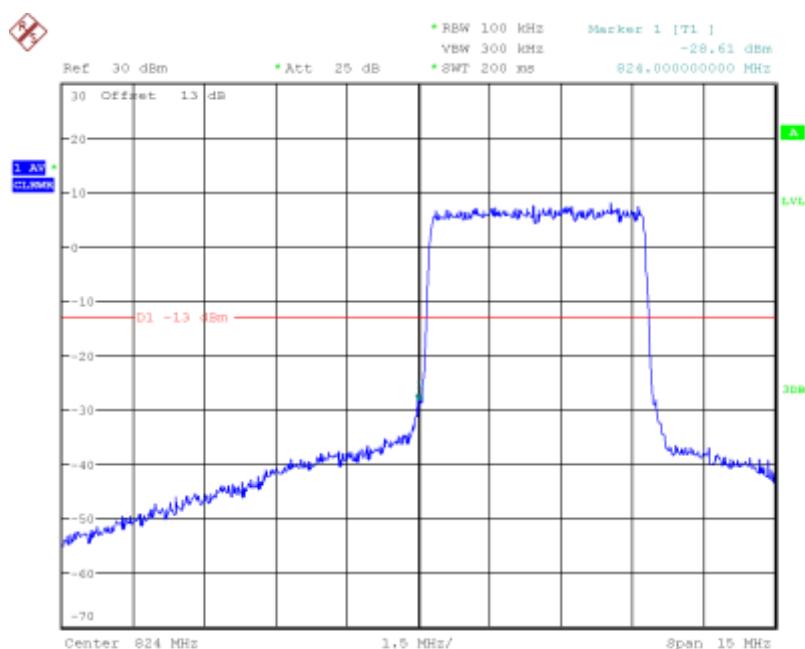
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:10:11

LTE Band5, 5MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz

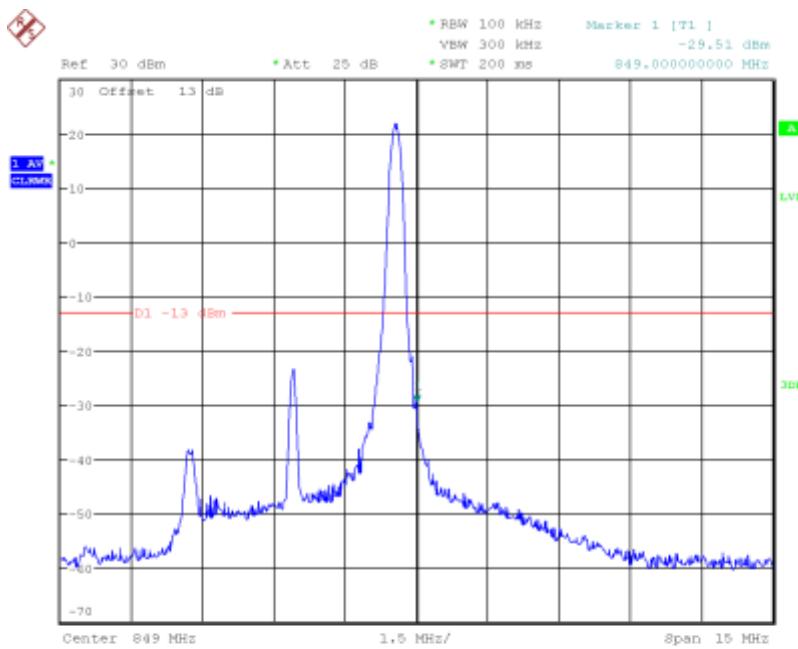


Date: 11.MAR.2019 13:10:28

LTE Band5, 5MHz bandwidth, QPSK,(25,0) Mode , Below 824MHz

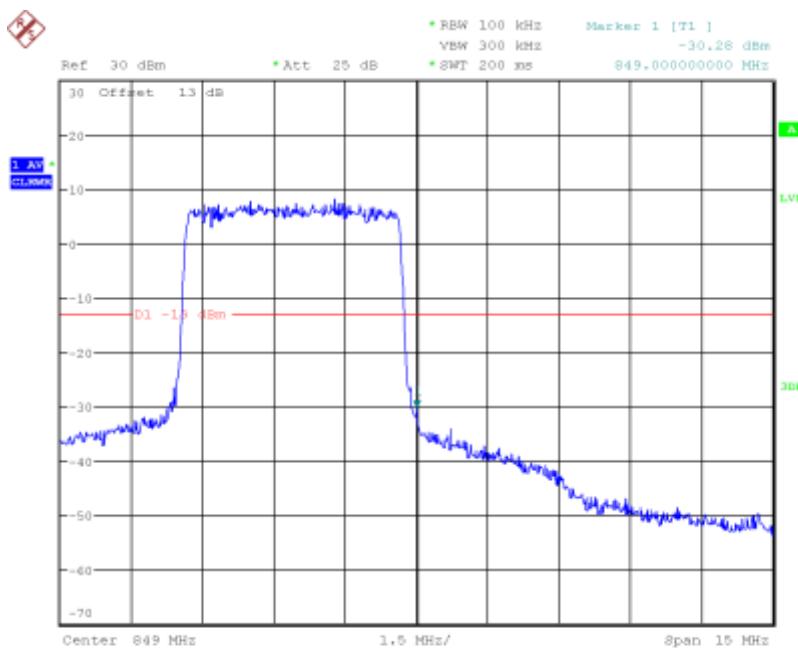
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:14:42

LTE Band5, 5MHz bandwidth, QPSK,(1,25) Mode, Above 849MHz



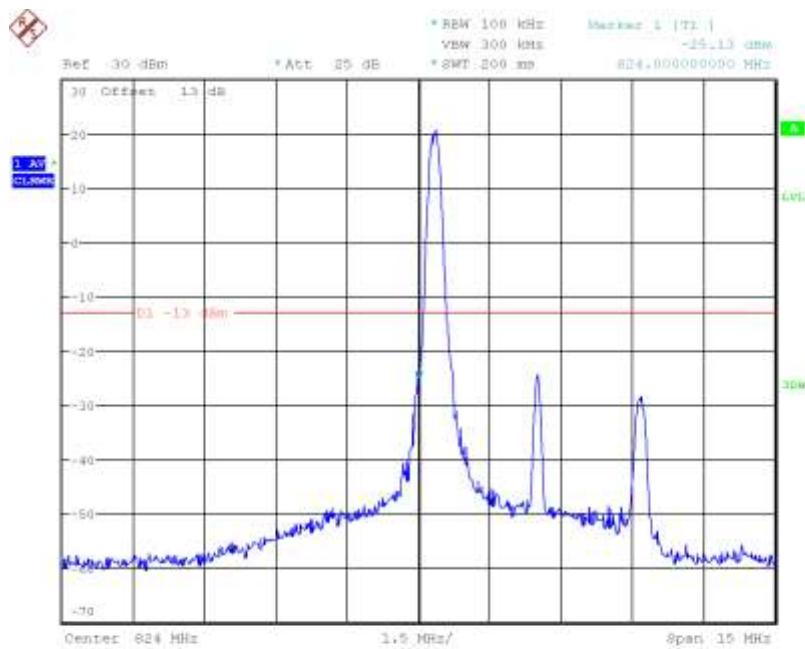
Date: 11.MAR.2019 13:14:58

LTE Band5, 5MHz bandwidth, QPSK,(25,0) Mode, Above 849MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

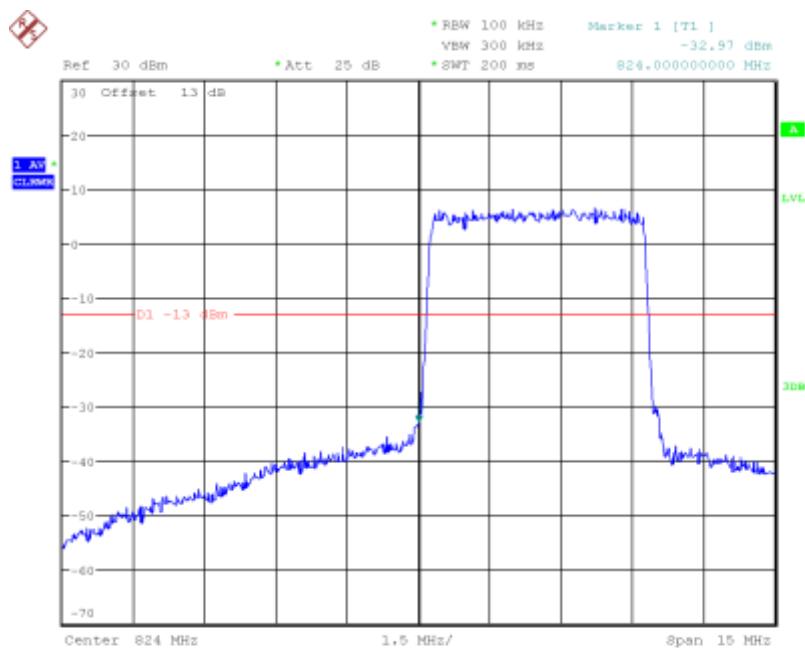
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:13:40

LTE Band5, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz

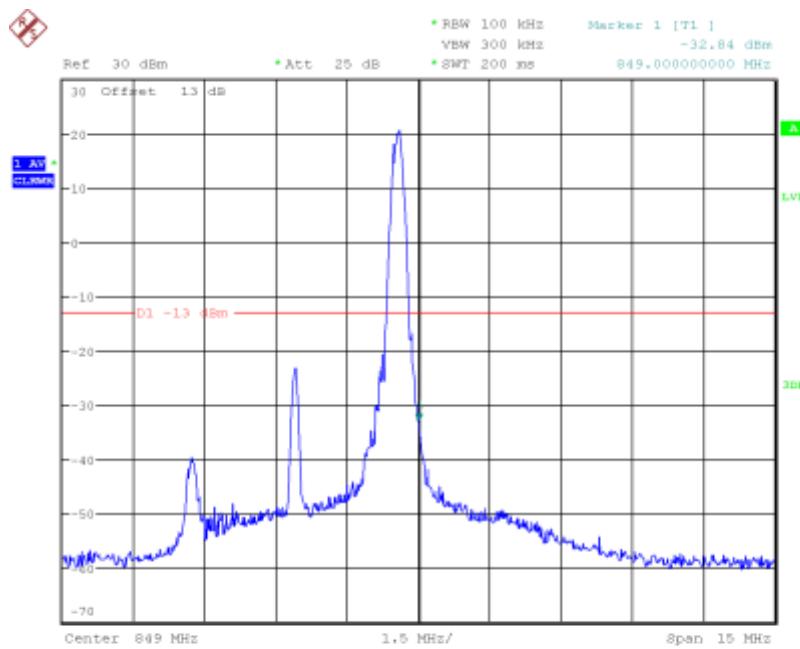


Date: 11.MAR.2019 13:13:02

LTE Band5, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 824MHz

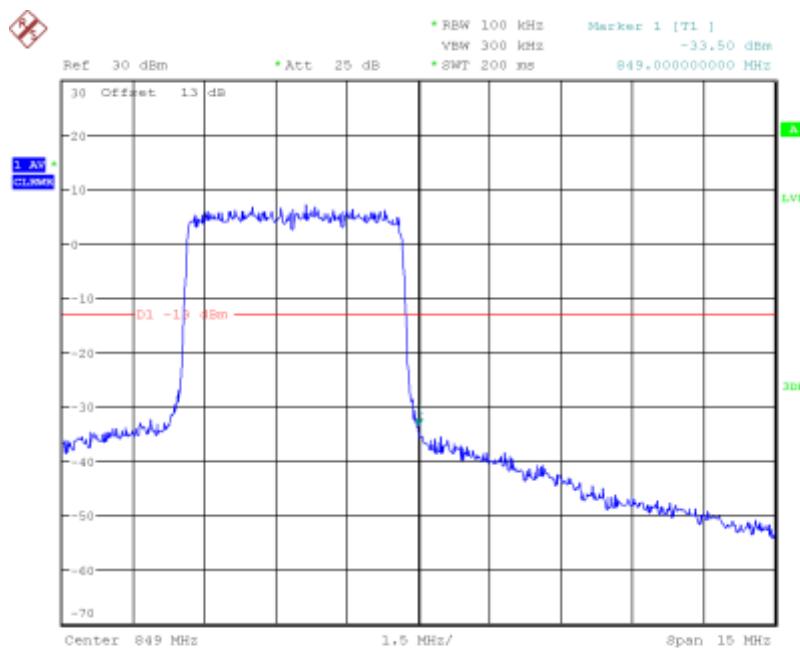
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:15:34

LTE Band5, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 849MHz



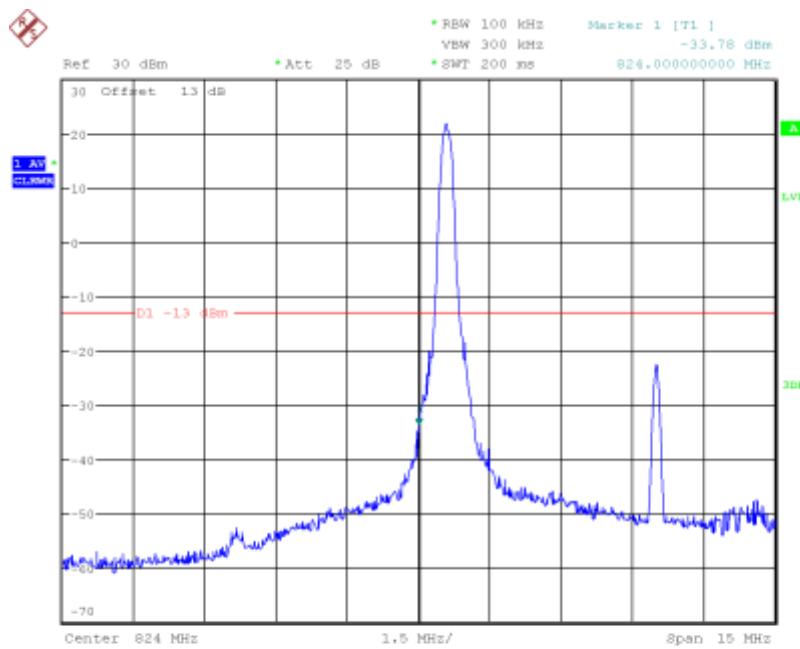
Date: 11.MAR.2019 13:15:20

LTE Band5, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 849MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

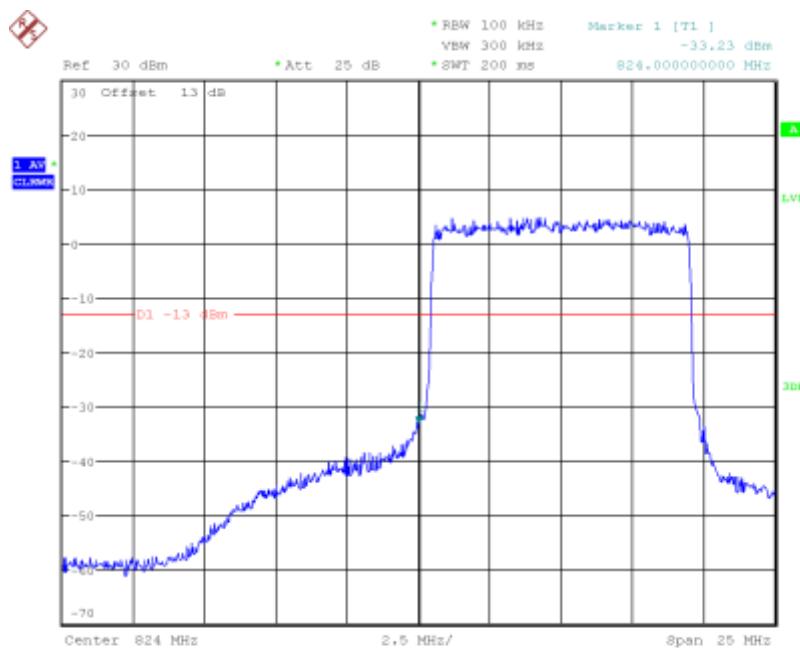
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:18:37

LTE Band5, 10MHz bandwidth, QPSK,(1,0) Mode , Below 824MHz



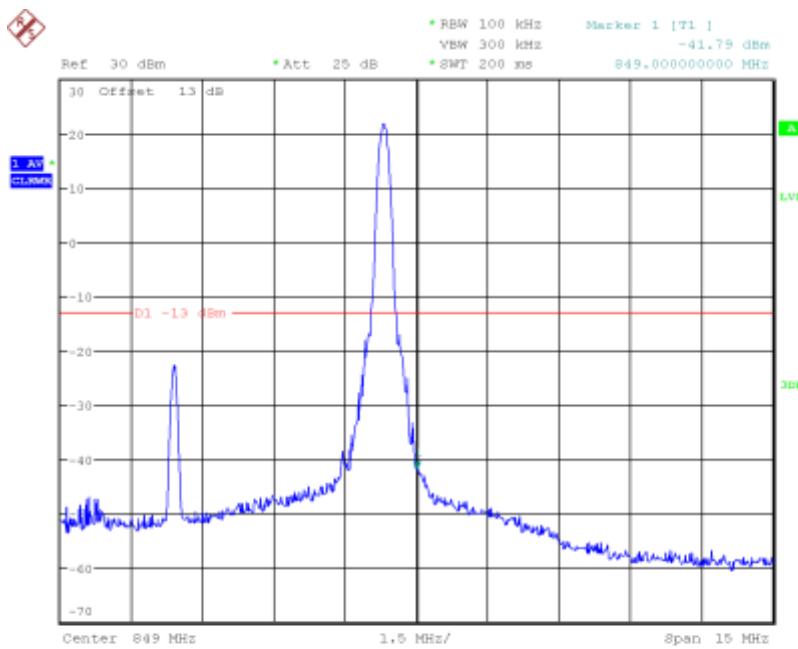
Date: 11.MAR.2019 13:19:18

LTE Band5, 10MHz bandwidth, QPSK,(50,0) Mode , Below 824MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

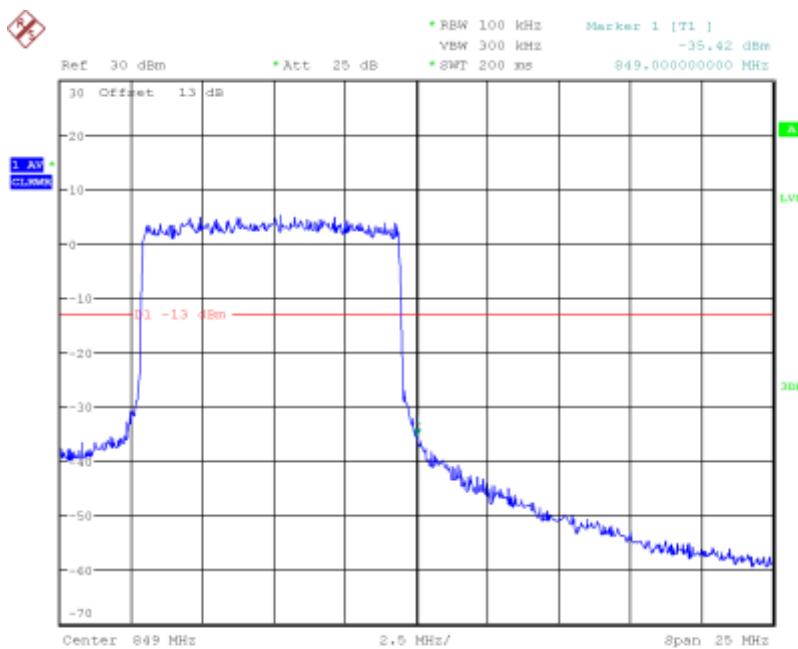
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:24:10

LTE Band5, 10MHz bandwidth, QPSK,(1,50) Mode, Above 849MHz



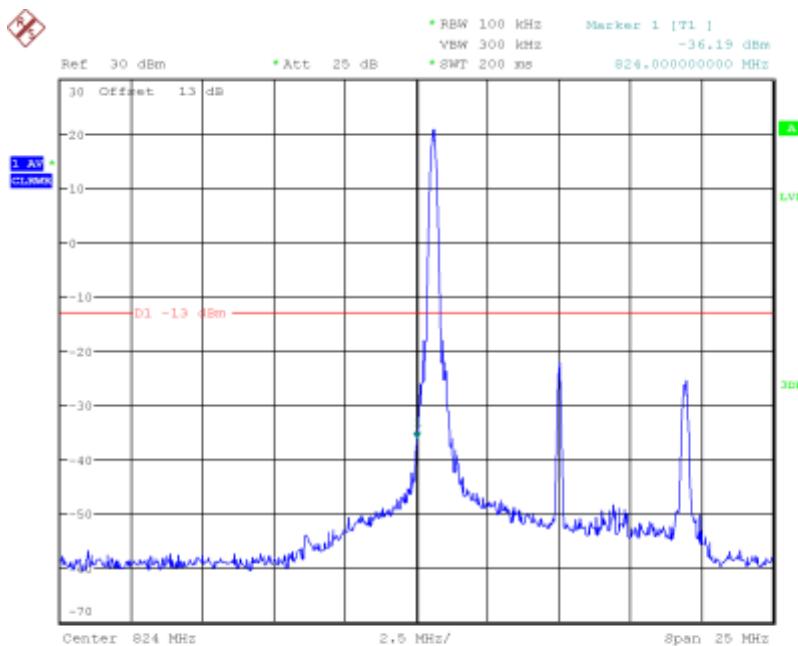
Date: 11.MAR.2019 13:24:55

LTE Band5, 10MHz bandwidth, QPSK,(50,0) Mode, Above 849MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

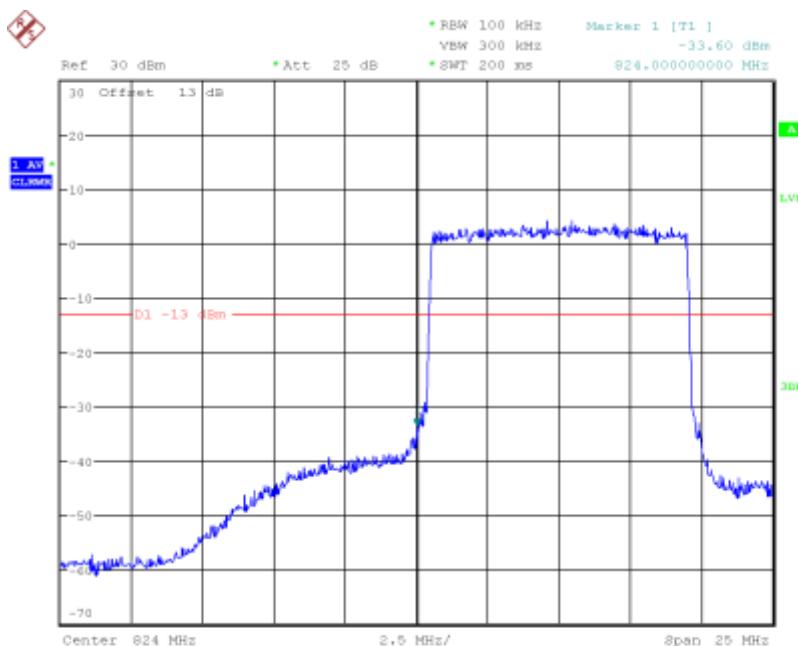
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:20:22

LTE Band5, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 824MHz



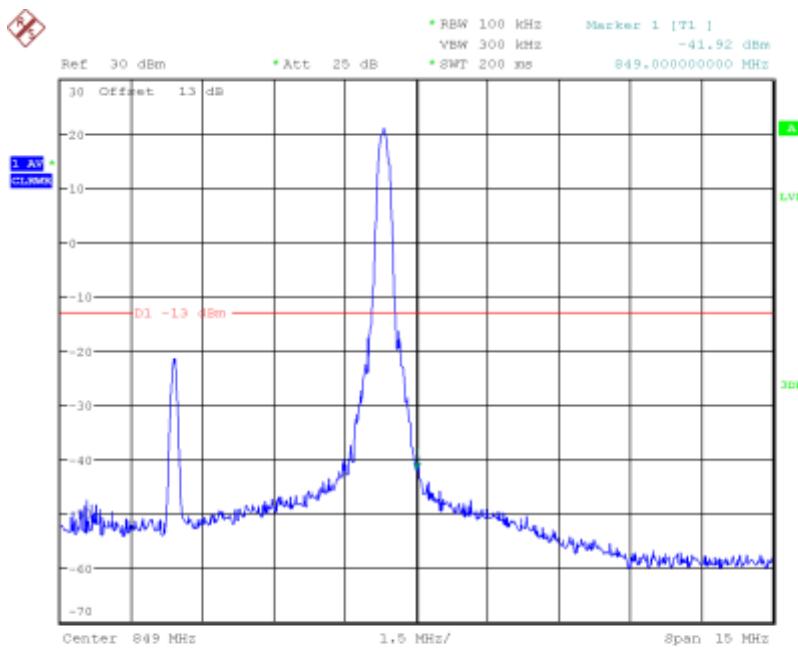
Date: 11.MAR.2019 13:20:58

LTE Band5, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 824MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

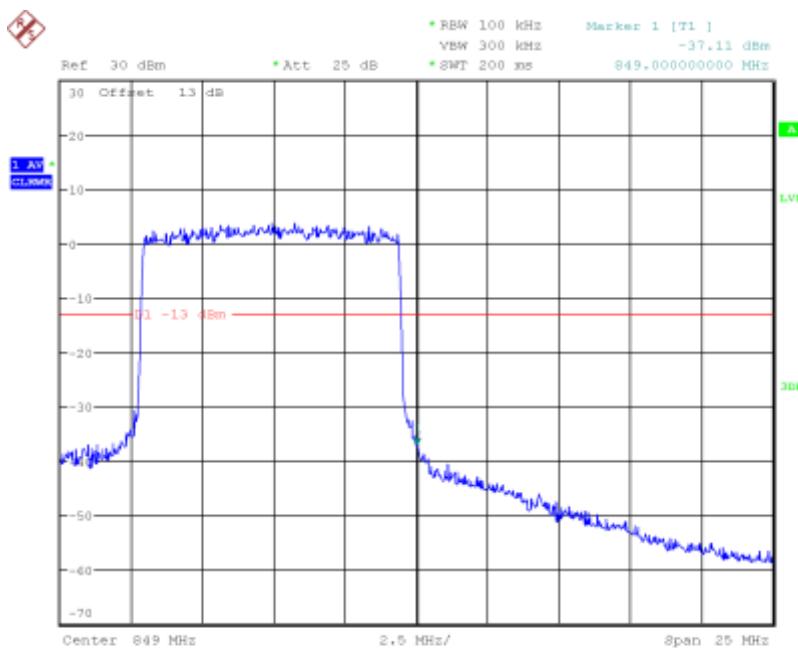
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:23:26

LTE Band5, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 849MHz

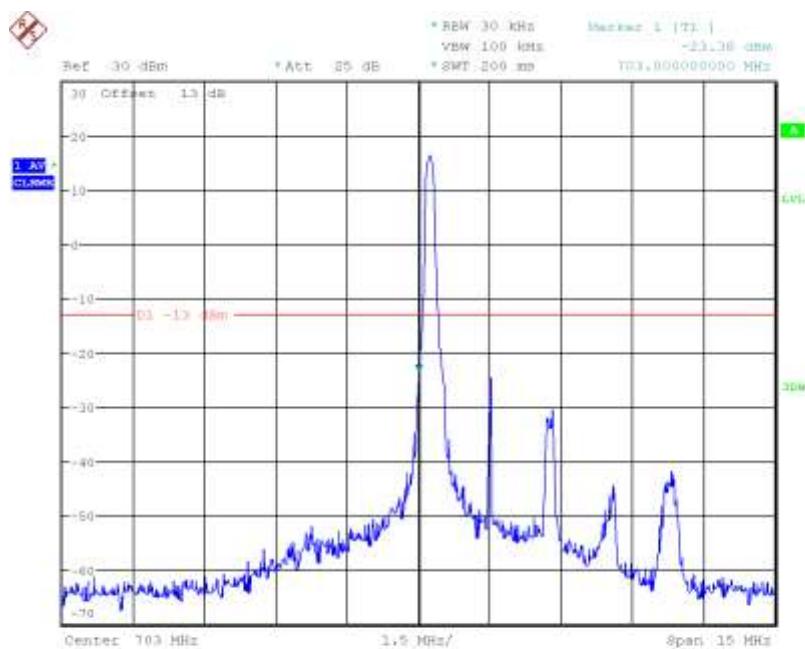


Date: 11.MAR.2019 13:22:37

LTE Band5, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 849MHz

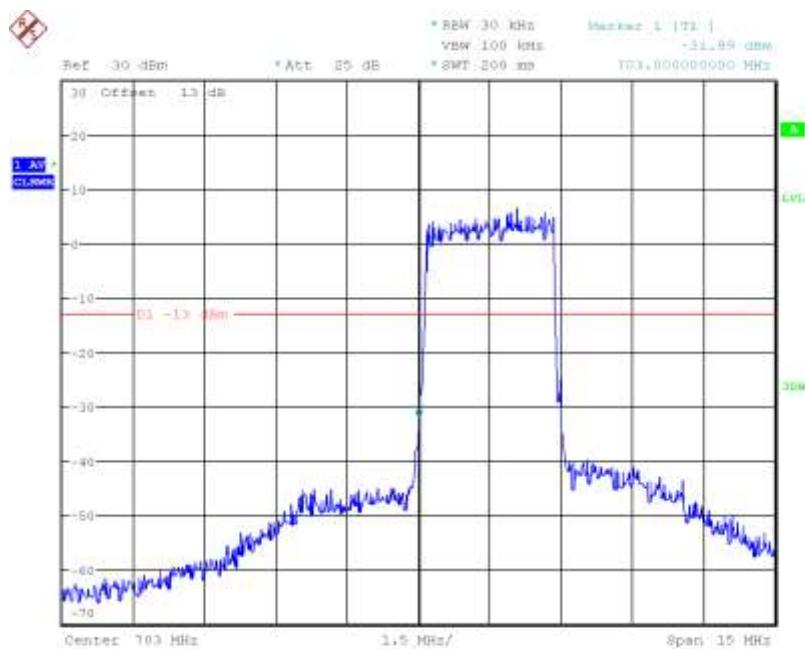
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

### 5.5.8 LTE B28 Band Edge Results



Date: 11.MAR.2019 13:28:15.4

LTE Band28, 3MHz bandwidth, QPSK,(1,0) Mode , Below 703MHz



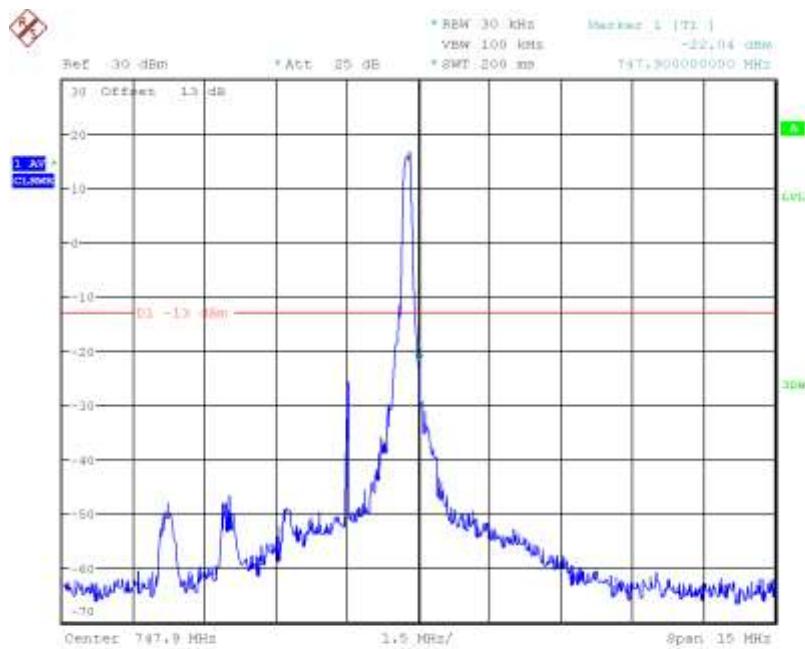
Date: 11.MAR.2019 13:29:25.0

LTE Band28, 3MHz bandwidth, QPSK,(15,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

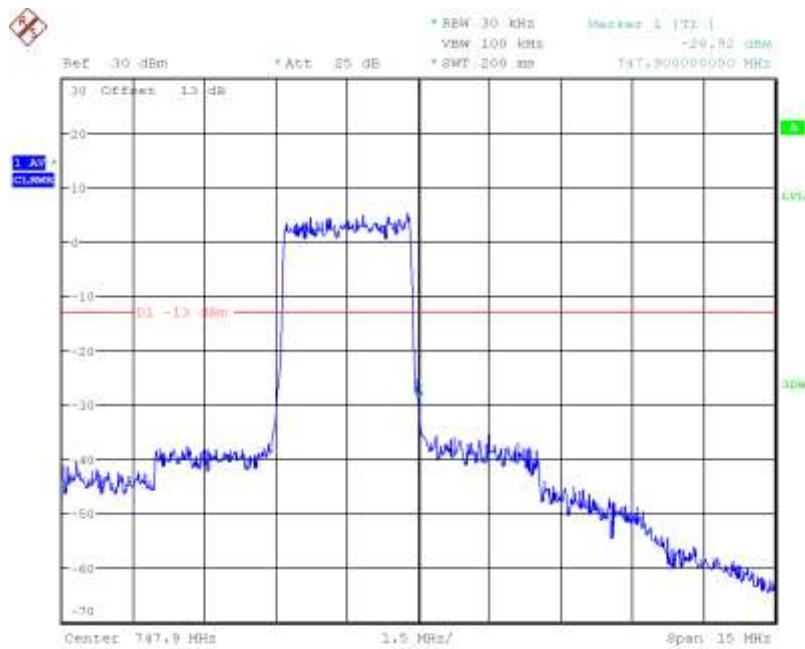
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:32:01

LTE Band28, 3MHz bandwidth, QPSK,(1,15) Mode, Above 748MHz

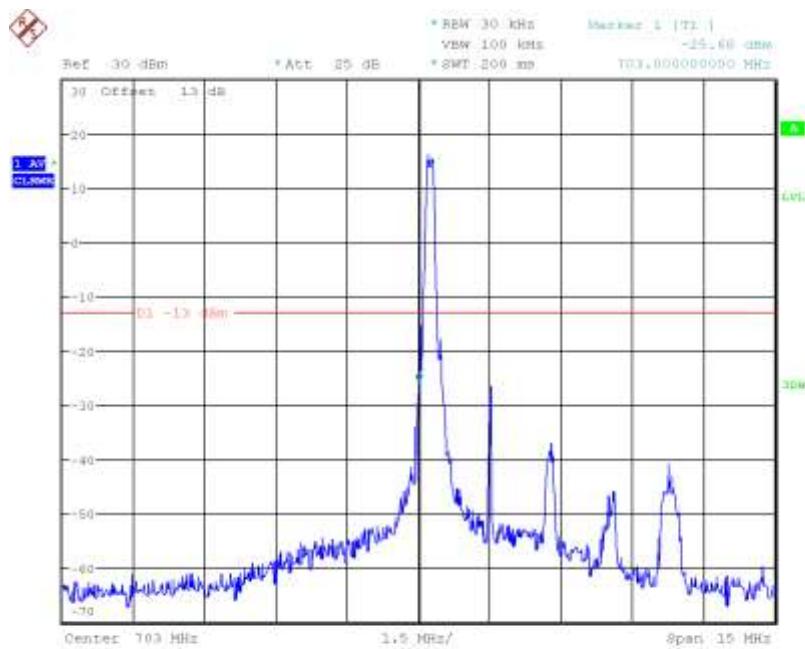


Date: 11.MAR.2018 13:32:20

LTE Band28, 3MHz bandwidth, QPSK,(15,0) Mode, Above 748MHz

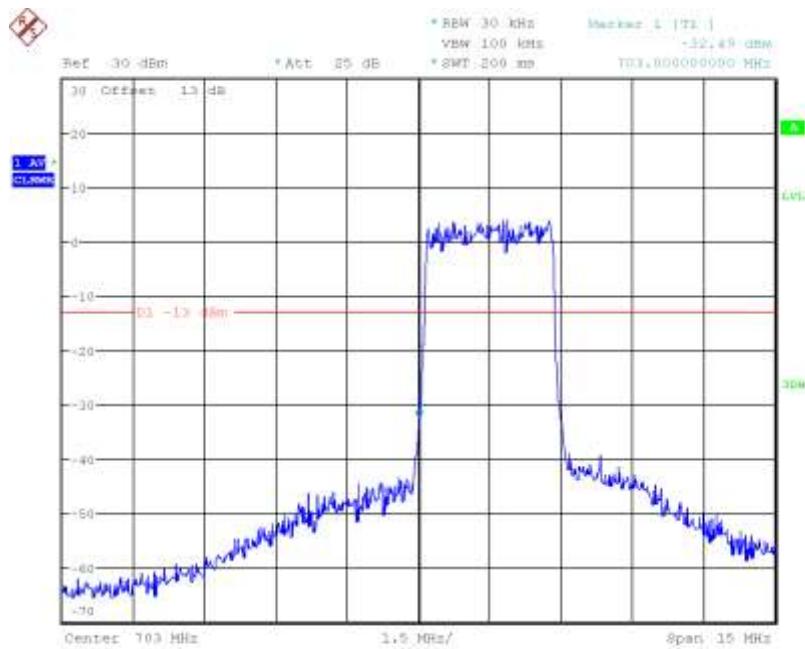
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:29:59

LTE Band28, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 703MHz



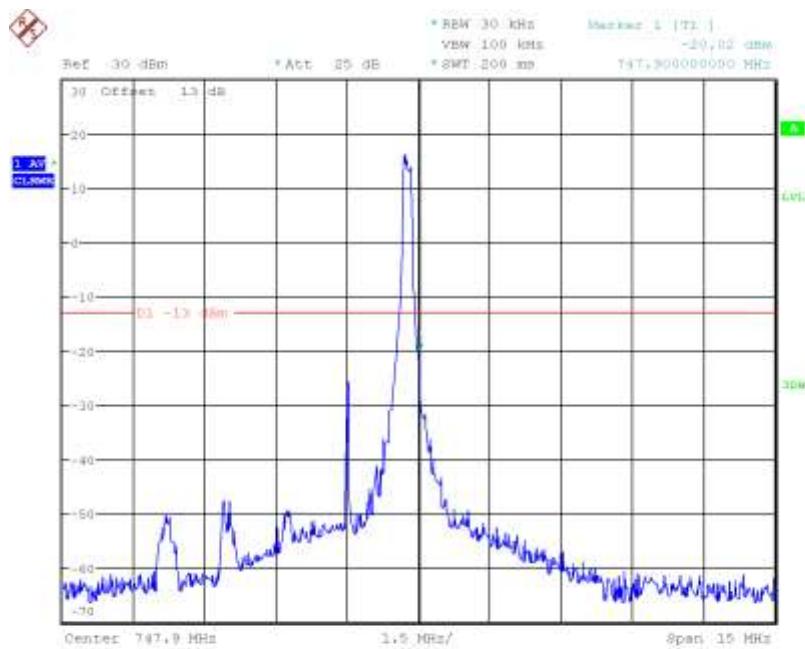
Date: 11.MAR.2018 13:29:47

LTE Band28, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

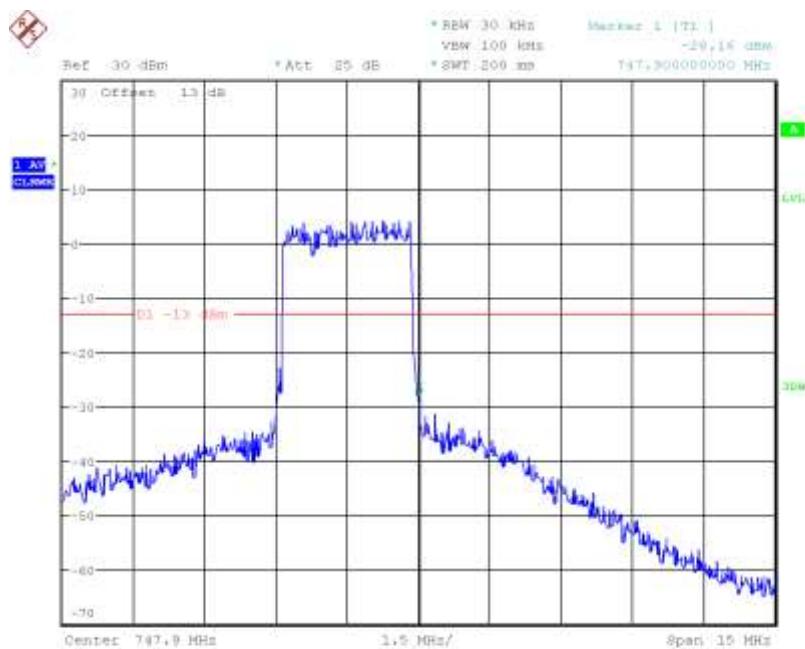
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:33:09

LTE Band28, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 748MHz



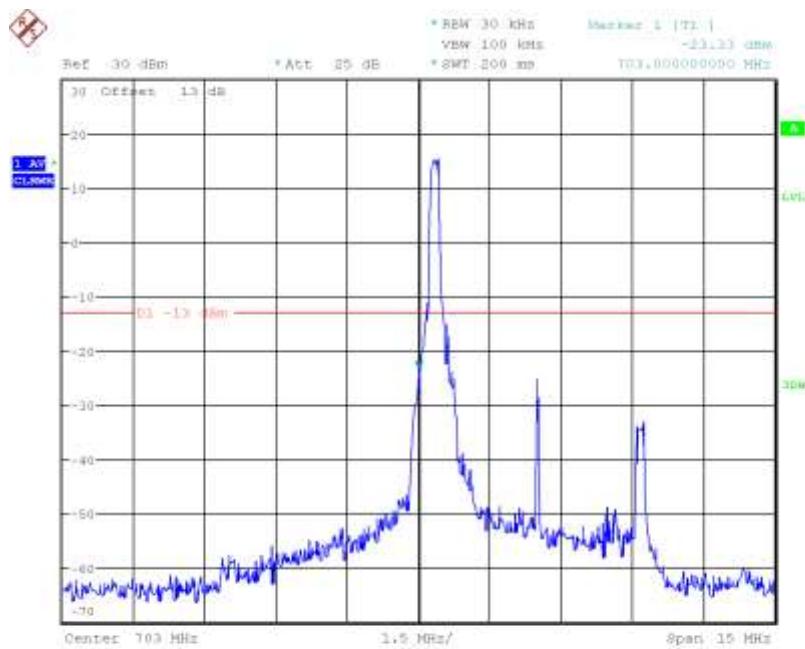
Date: 11.MAR.2018 13:32:41

LTE Band28, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

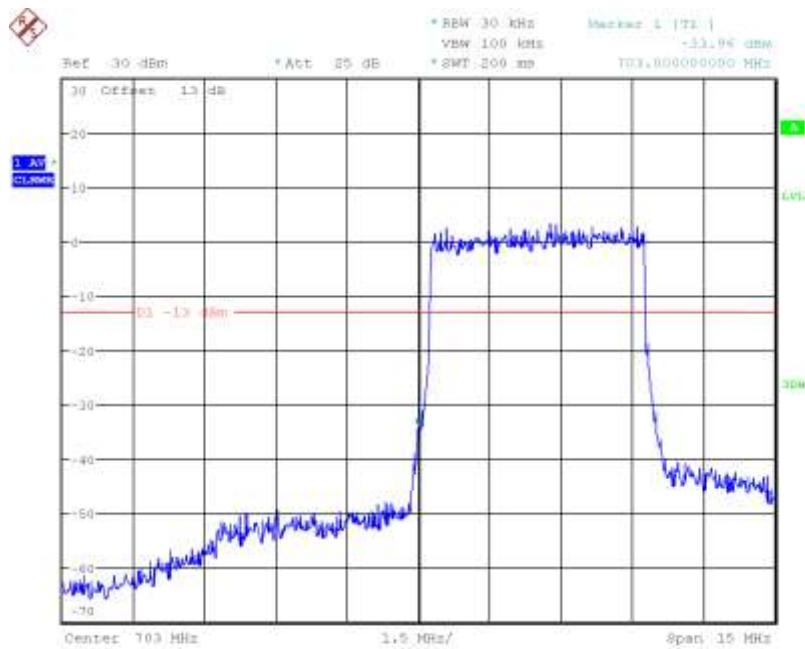
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:34:03

LTE Band28, 5MHz bandwidth, QPSK,(1,0) Mode , Below 703MHz

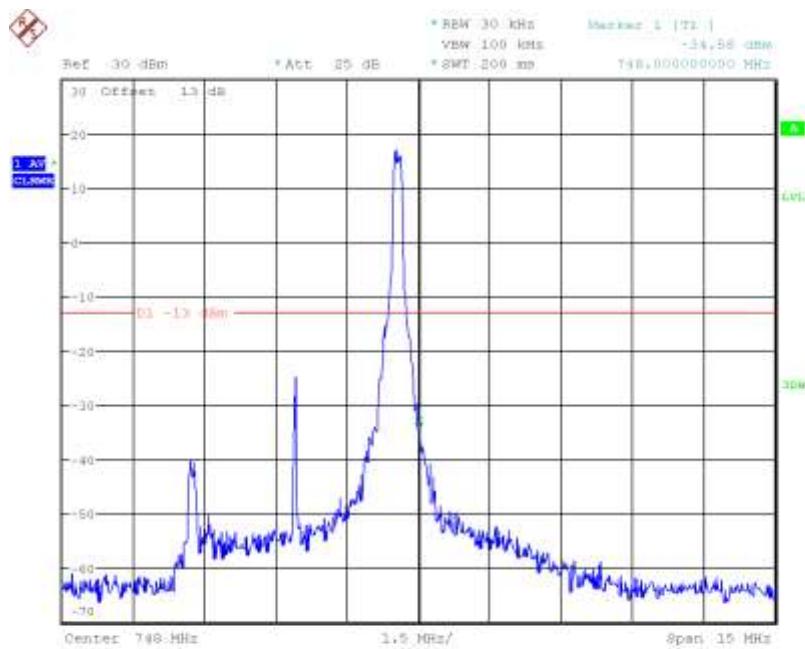


Date: 11.MAR.2018 13:34:16

LTE Band28, 5MHz bandwidth, QPSK,(25,0) Mode , Below 703MHz

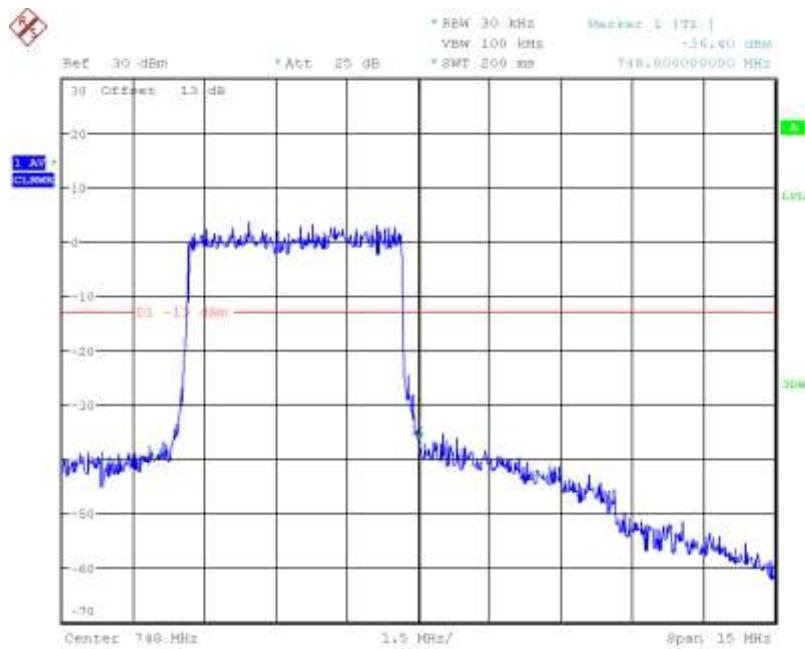
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:37:06

LTE Band28, 5MHz bandwidth, QPSK,(1,25) Mode, Above 748MHz

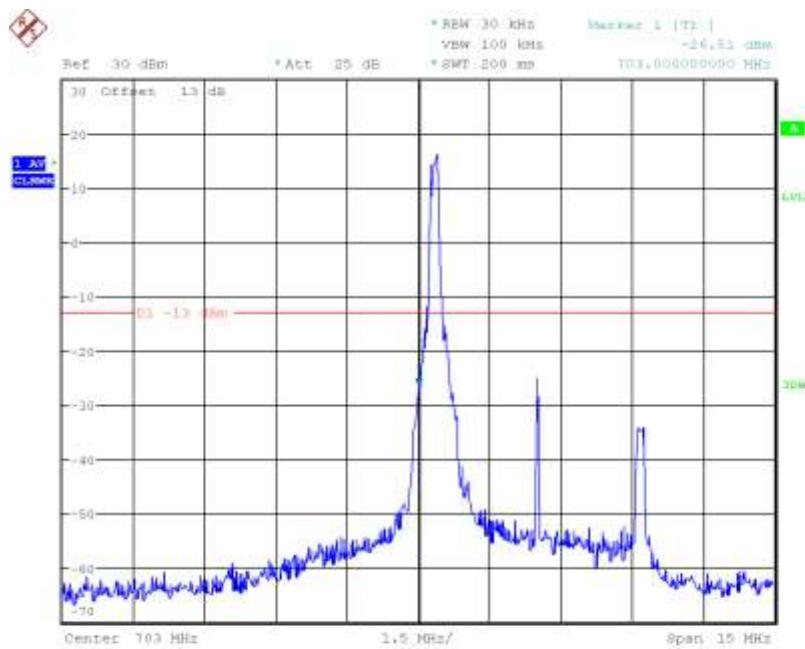


Date: 11.MAR.2018 13:37:18

LTE Band28, 5MHz bandwidth, QPSK,(25,0) Mode, Above 748MHz

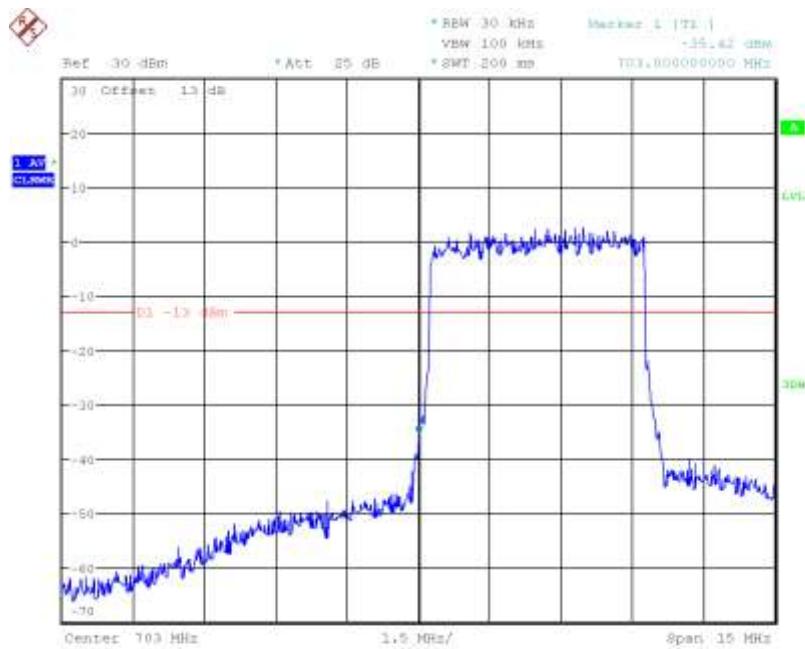
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:34:47

LTE Band28, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 703MHz

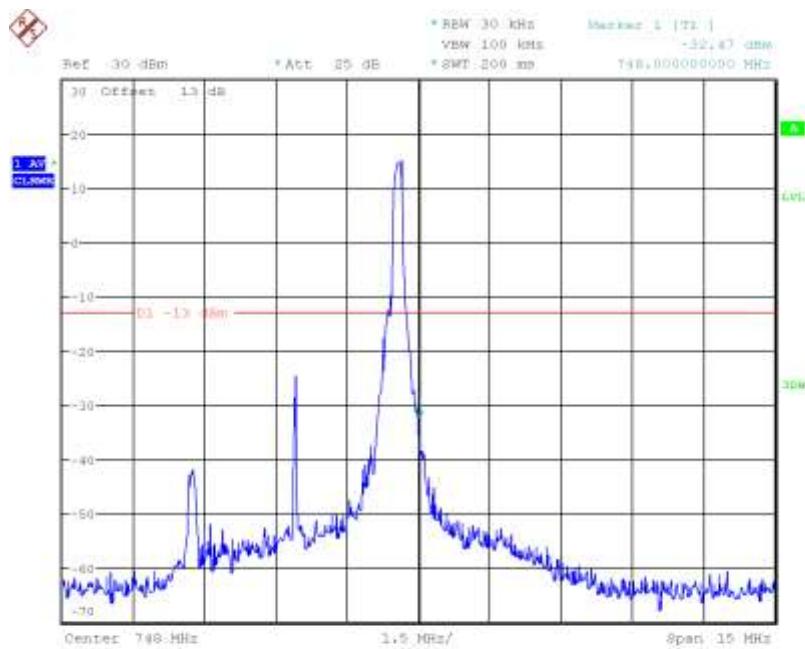


Date: 11.MAR.2018 13:35:32

LTE Band28, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 703MHz

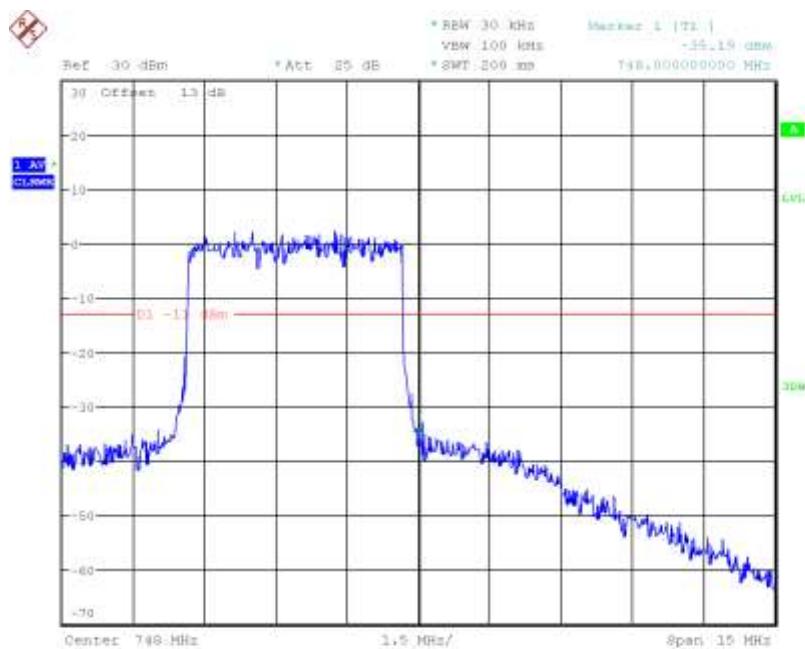
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2018 13:38:14

LTE Band28, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 748MHz



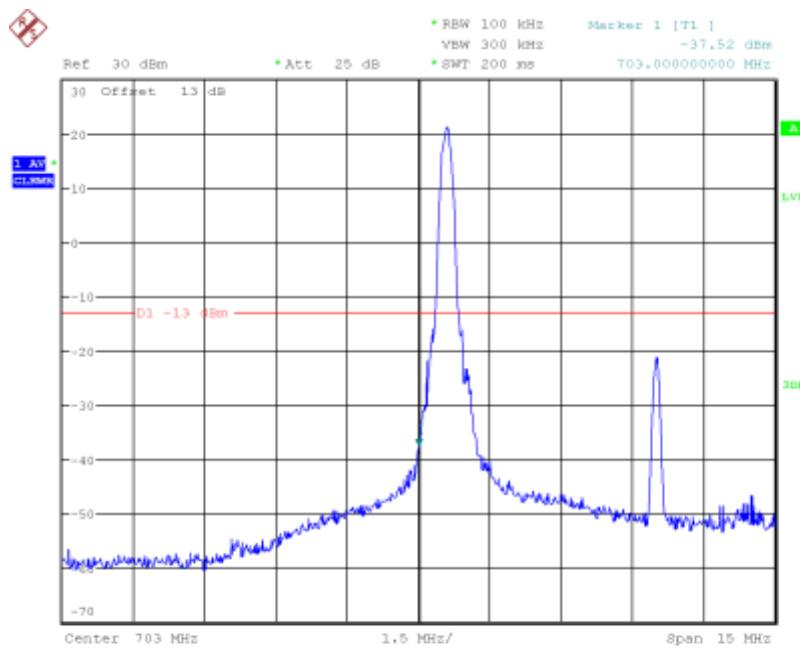
Date: 11.MAR.2018 13:37:49

LTE Band28, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

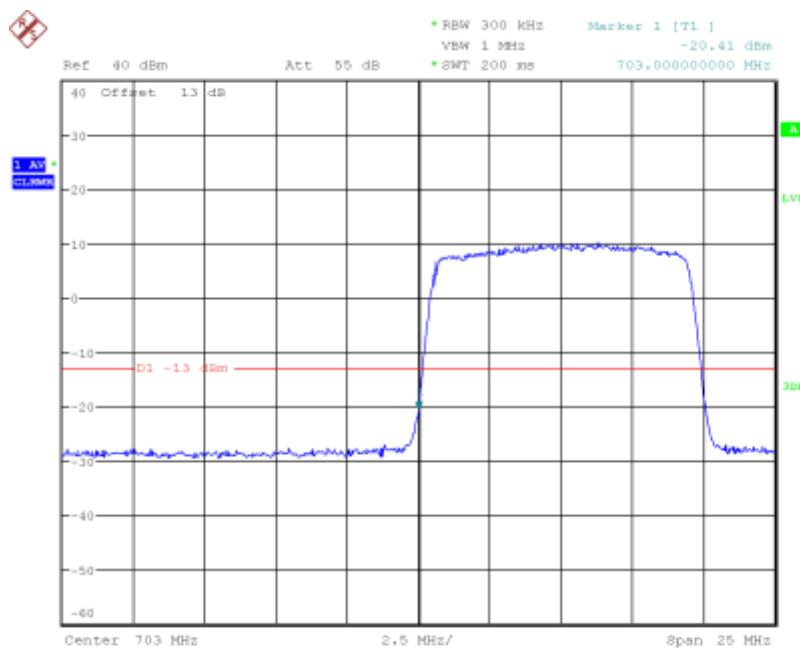
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 11.MAR.2019 13:39:43

LTE Band28, 10MHz bandwidth, QPSK,(1,0) Mode , Below 703MHz



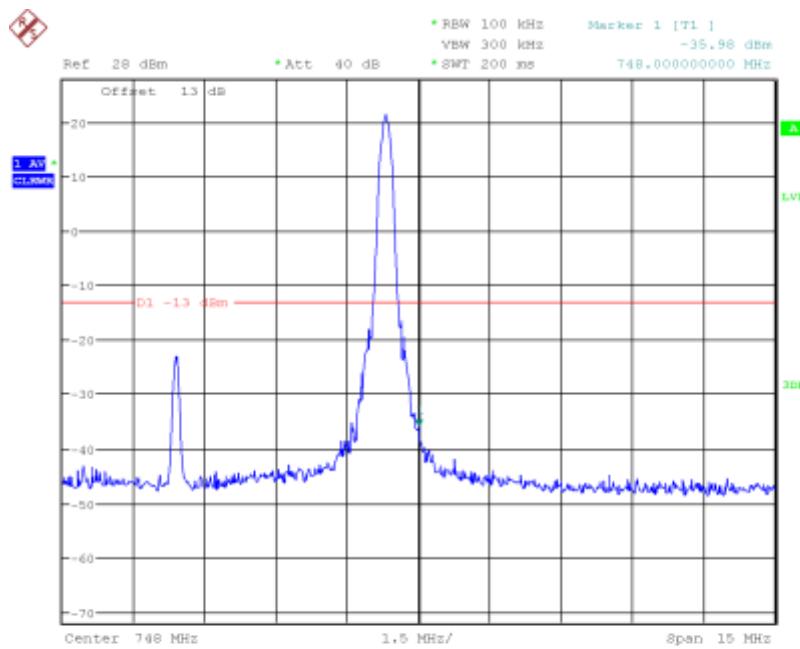
Date: 12.MAR.2019 05:19:20

LTE Band28, 10MHz bandwidth, QPSK,(50,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

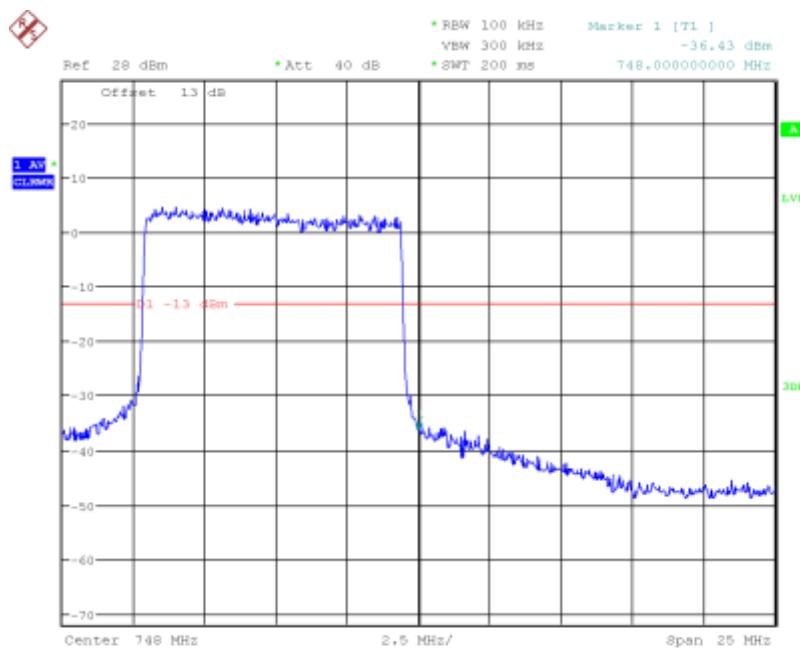
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 05:51:15

LTE Band28, 10MHz bandwidth, QPSK,(1,50) Mode, Above 748MHz



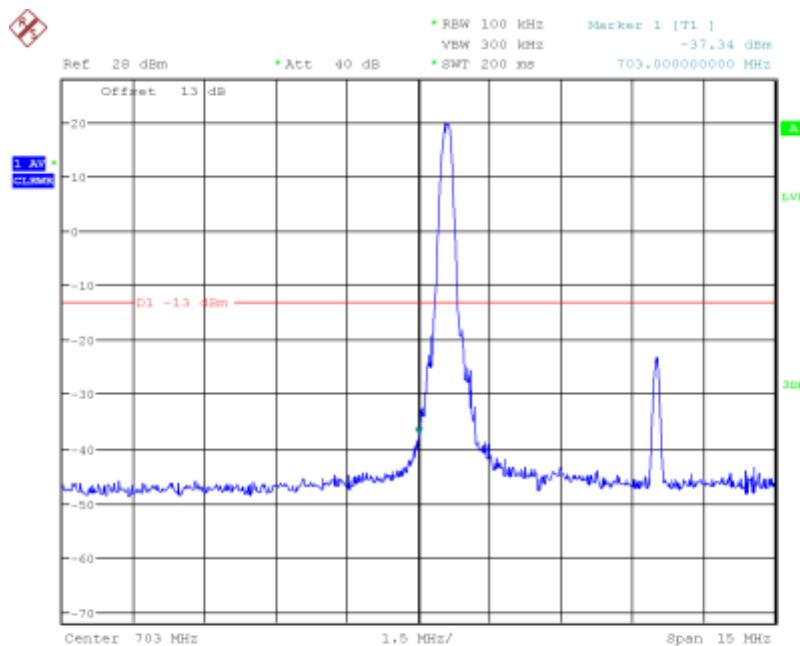
Date: 12.MAR.2019 05:51:45

LTE Band28, 10MHz bandwidth, QPSK,(50,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

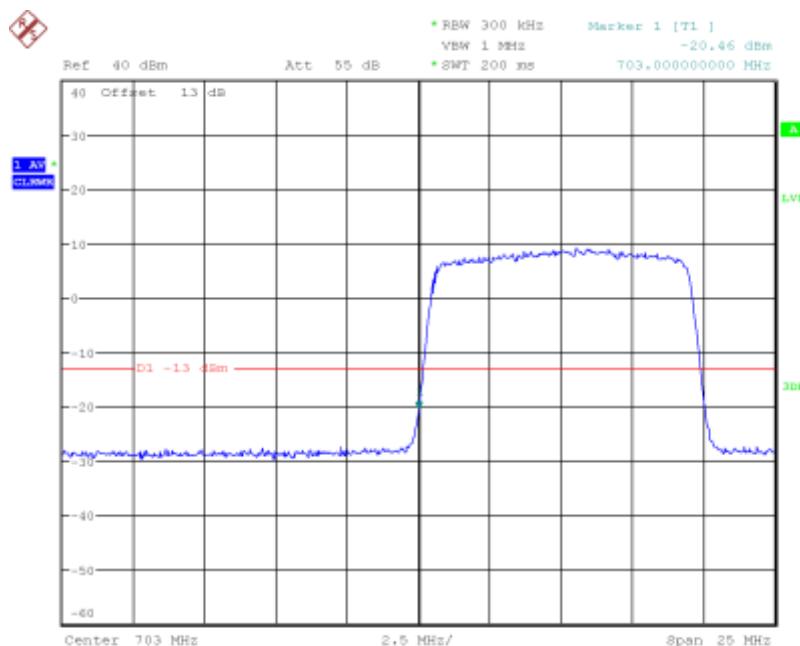
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 05:30:04

LTE Band28, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 703MHz



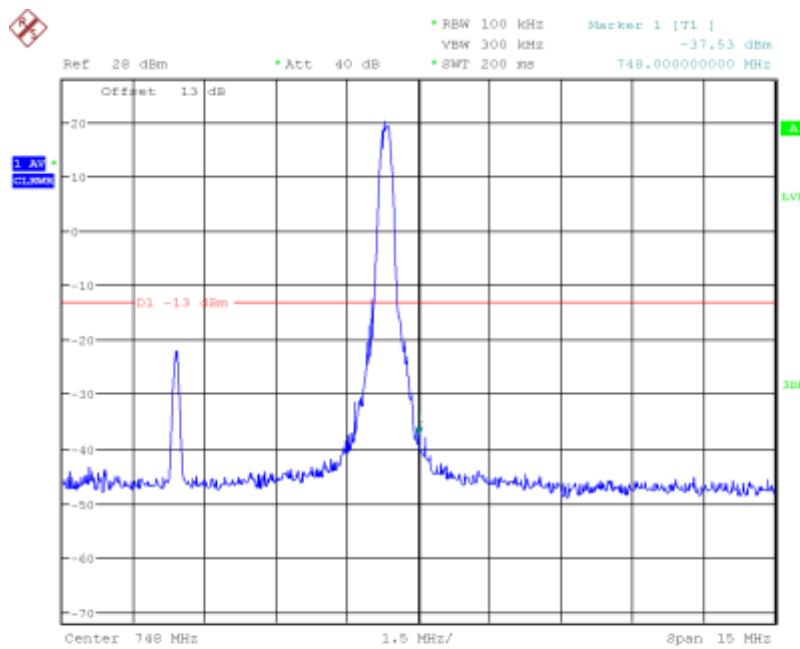
Date: 12.MAR.2019 05:20:20

LTE Band28, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

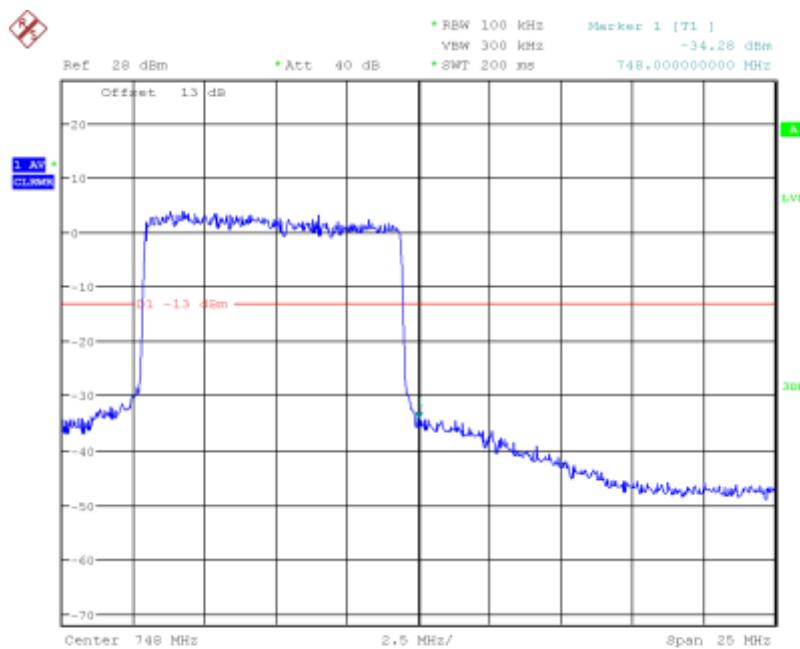
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 05:53:17

LTE Band28, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 748MHz



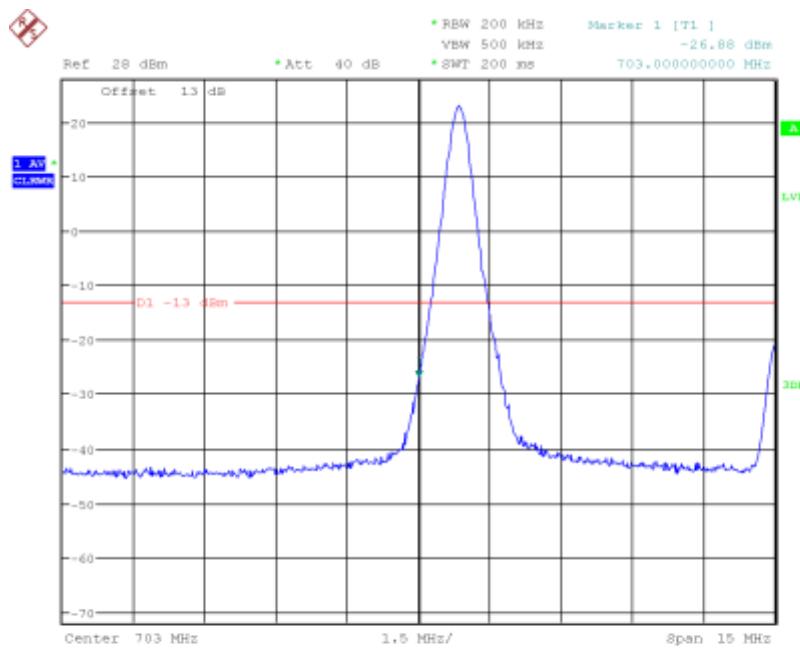
Date: 12.MAR.2019 05:52:47

LTE Band28, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

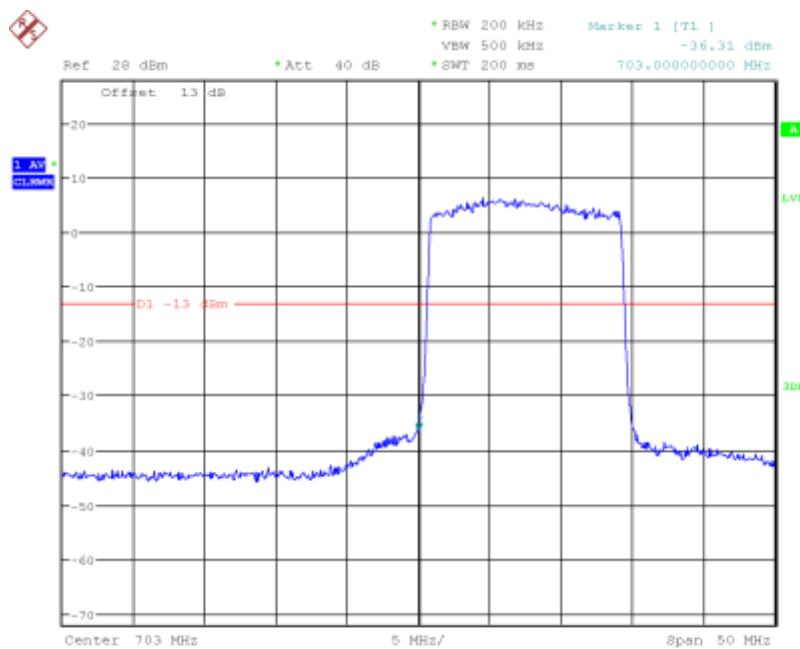
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 05:56:31

LTE Band28, 15MHz bandwidth, QPSK,(1,0) Mode , Below 703MHz



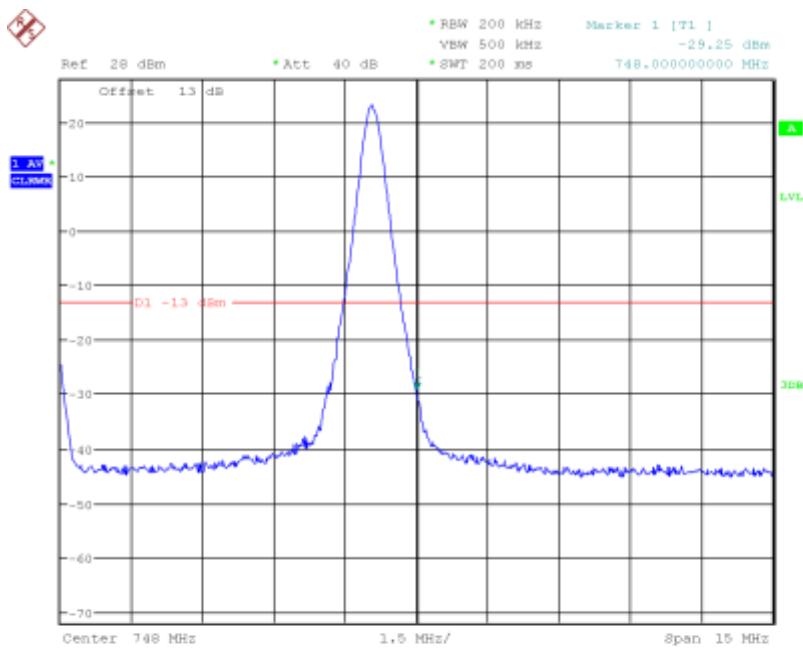
Date: 12.MAR.2019 06:02:39

LTE Band28, 15MHz bandwidth, QPSK,(75,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

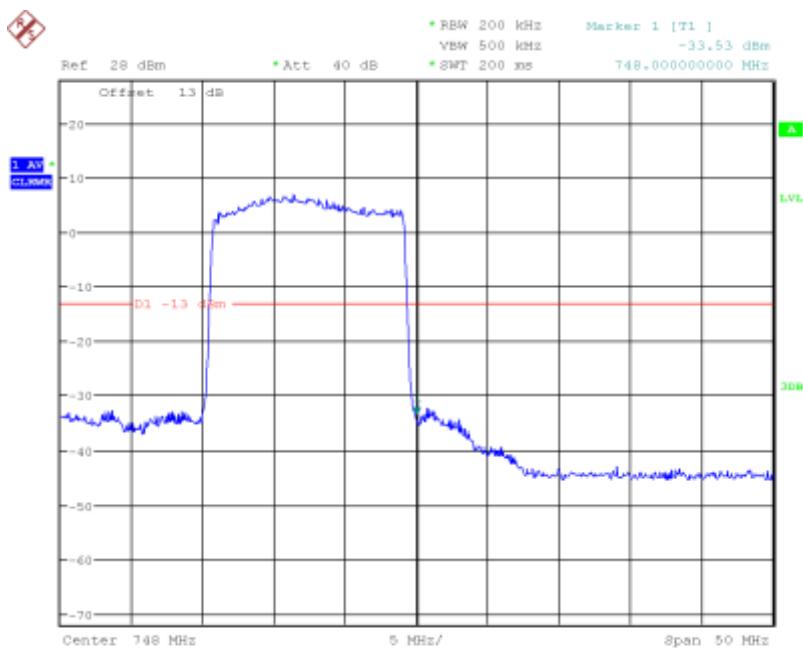
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:06:57

LTE Band28, 15MHz bandwidth, QPSK,(1,75) Mode, Above 748MHz



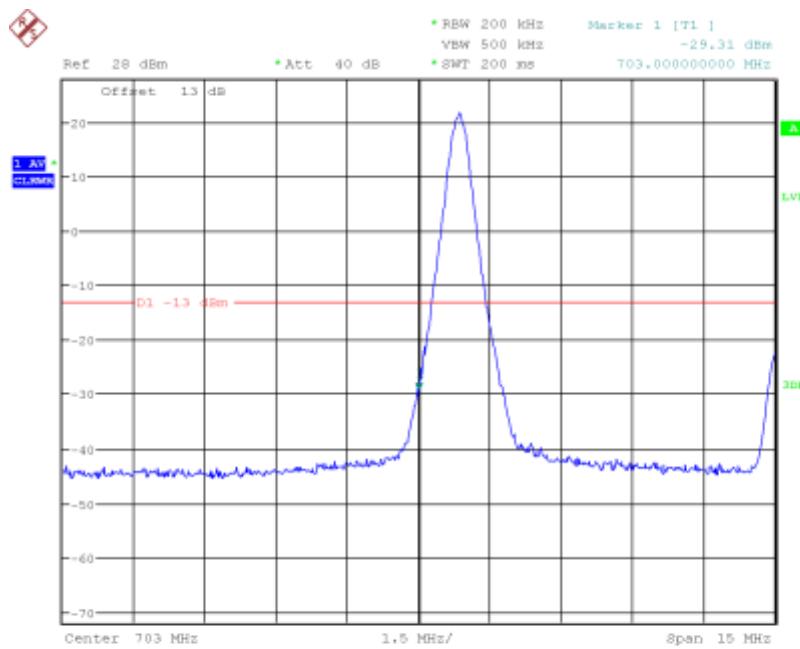
Date: 12.MAR.2019 06:06:23

LTE Band28, 15MHz bandwidth, QPSK,(75,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

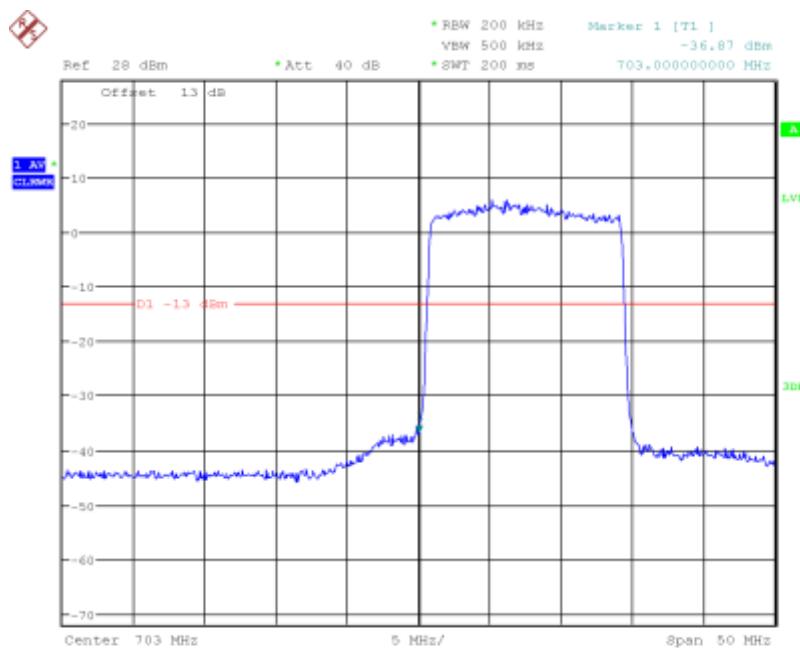
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:03:45

LTE Band28, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 703MHz



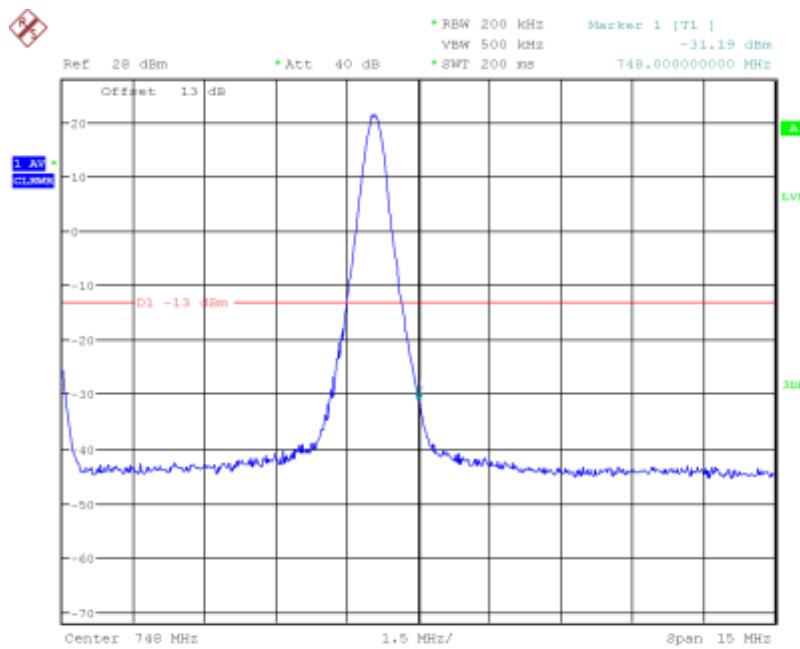
Date: 12.MAR.2019 06:03:14

LTE Band28, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

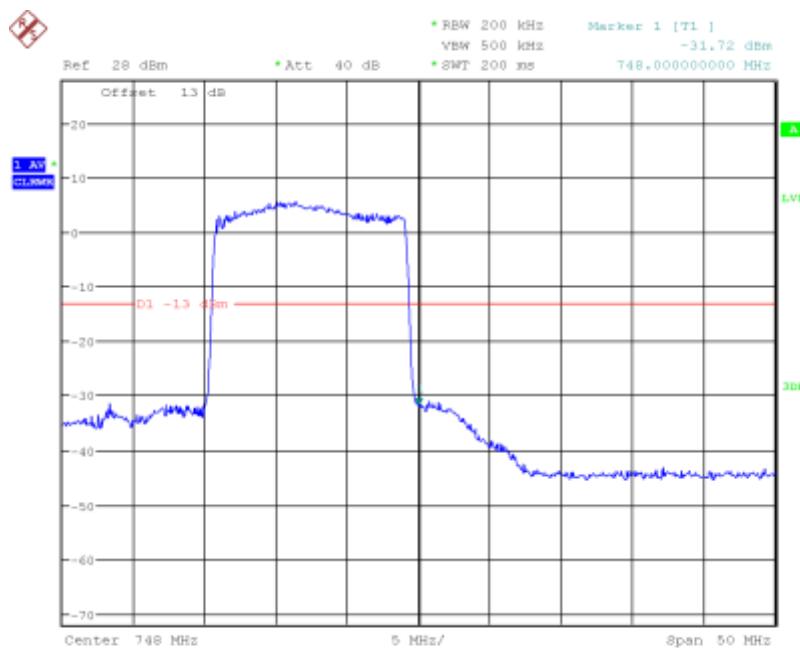
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:05:14

LTE Band28, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 748MHz



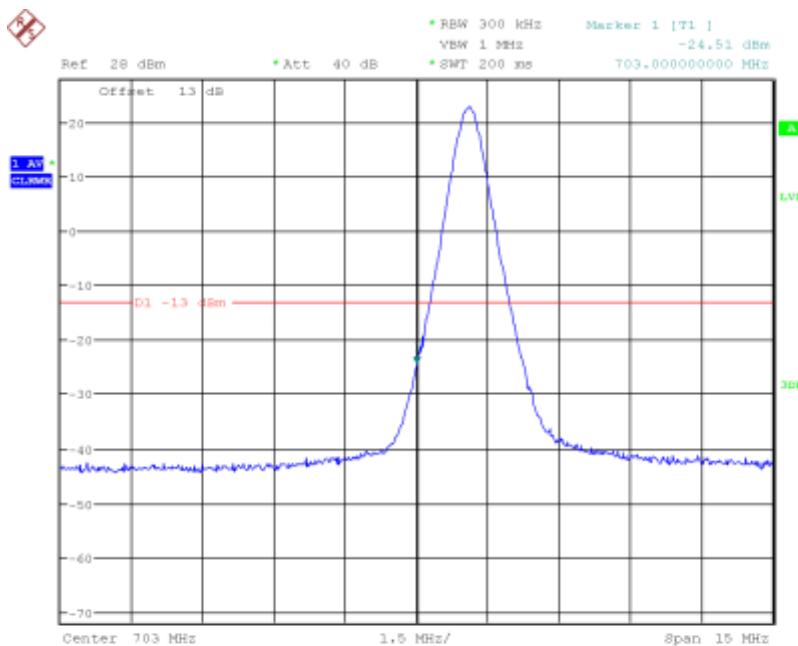
Date: 12.MAR.2019 06:05:52

LTE Band28, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

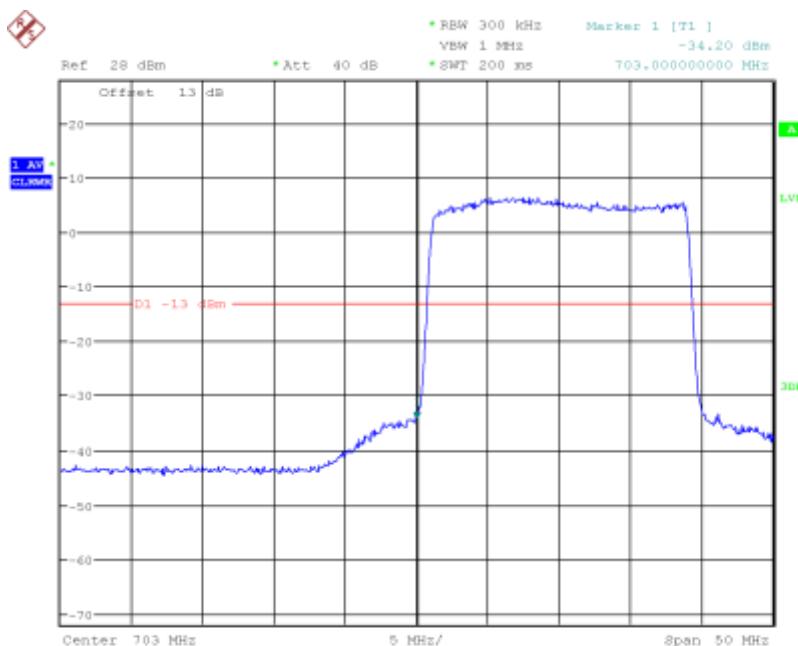
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:10:01

LTE Band28, 20MHz bandwidth, QPSK,(1,0) Mode , Below 703MHz



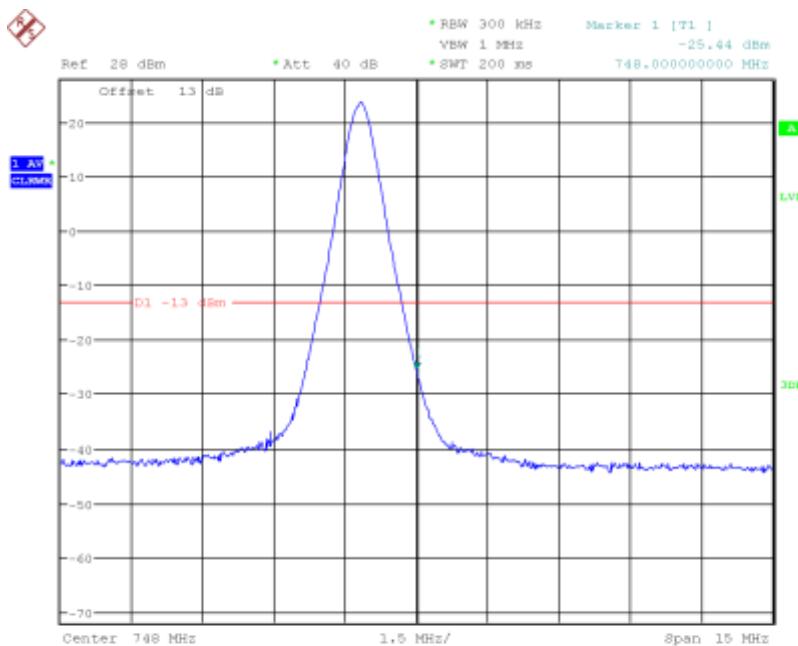
Date: 12.MAR.2019 06:09:07

LTE Band28, 20MHz bandwidth, QPSK,(100,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

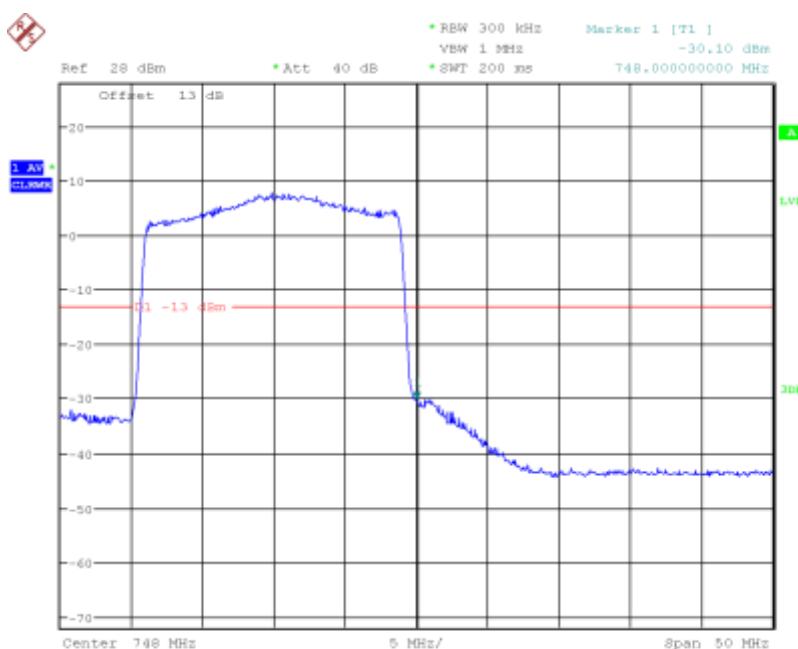
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:13:14

LTE Band28, 20MHz bandwidth, QPSK,(1,100) Mode, Above 748MHz



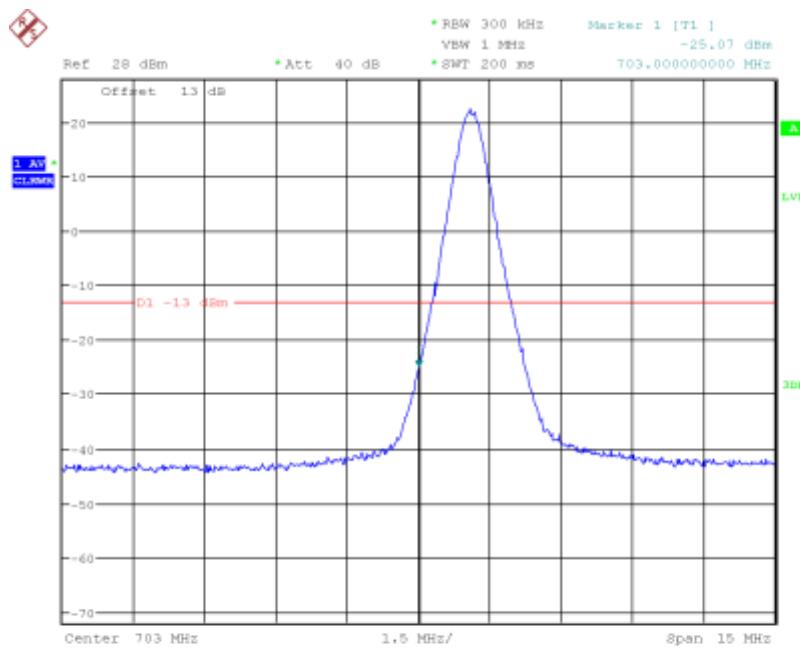
Date: 12.MAR.2019 06:13:51

LTE Band28, 20MHz bandwidth, QPSK,(100,0) Mode, Above 748MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

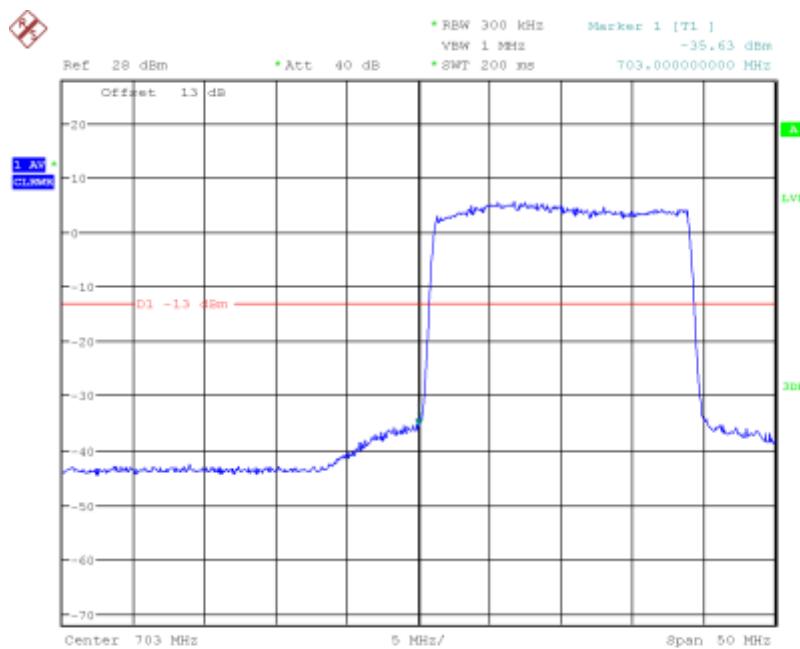
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:10:33

LTE Band28, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 703MHz



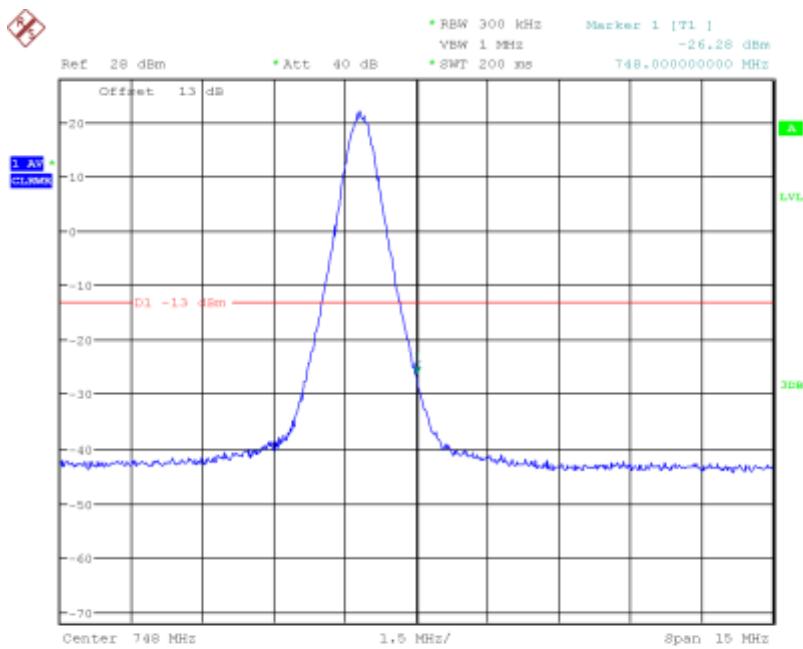
Date: 12.MAR.2019 06:11:01

LTE Band28, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 703MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

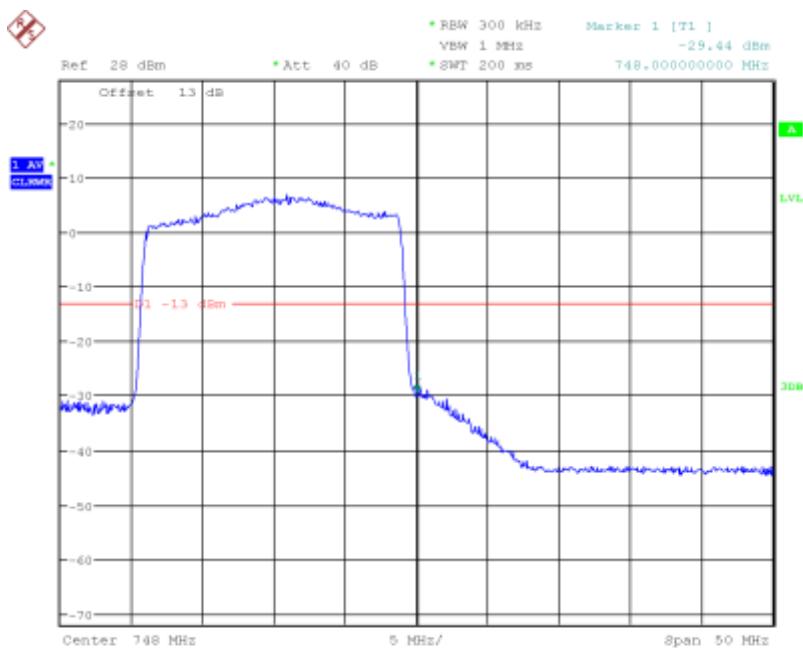
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:12:44

LTE Band28, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 748MHz

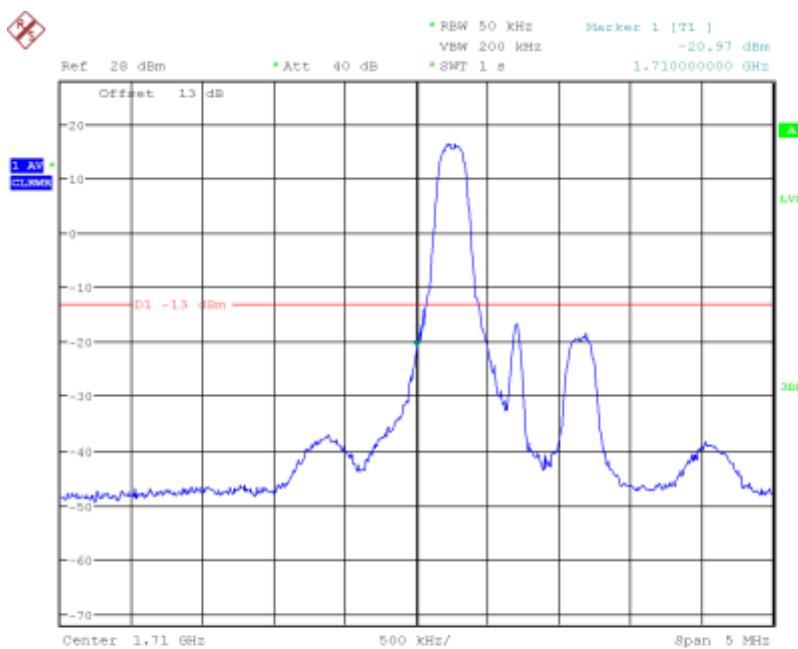


Date: 12.MAR.2019 06:12:04

LTE Band28, 20MHz bandwidth, 16QAM,(100,0) Mode, Above 748MHz

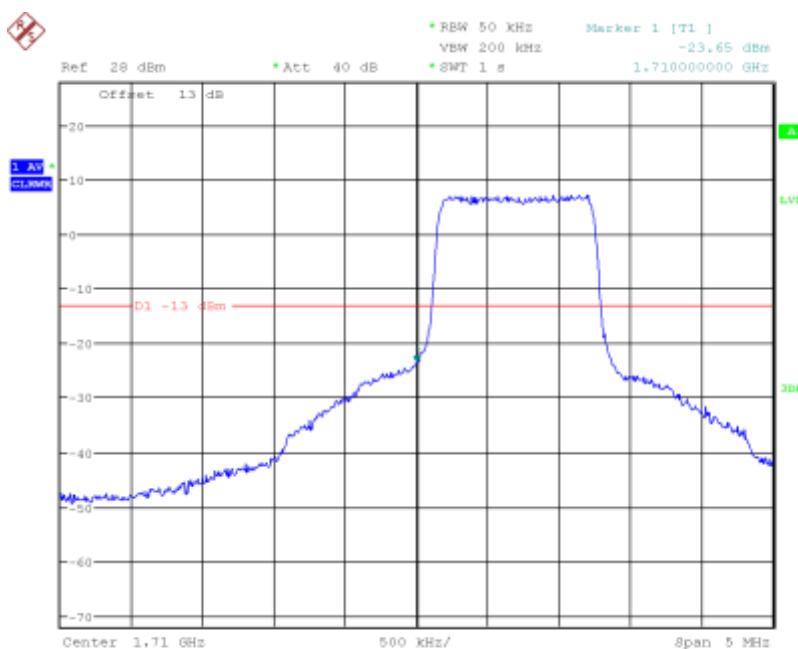
Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

### 5.5.9 LTE B66 Band Edge Results



Date: 12.MAR.2019 06:28:26

LTE Band66, 1.4MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



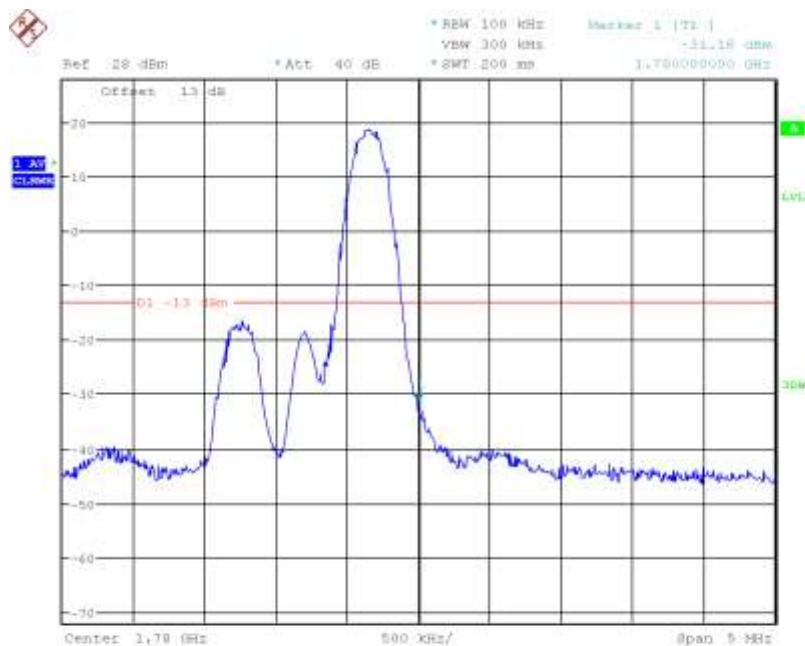
Date: 12.MAR.2019 06:28:54

LTE Band66, 1.4MHz bandwidth, QPSK,(6,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

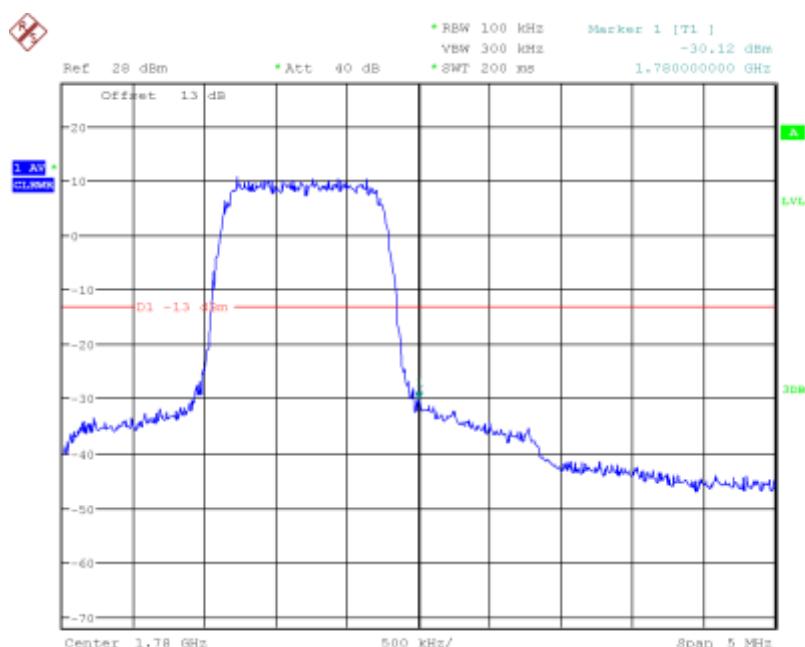
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:24:06

LTE Band66, 1.4MHz bandwidth, QPSK,(1,6) Mode, Above 1780MHz



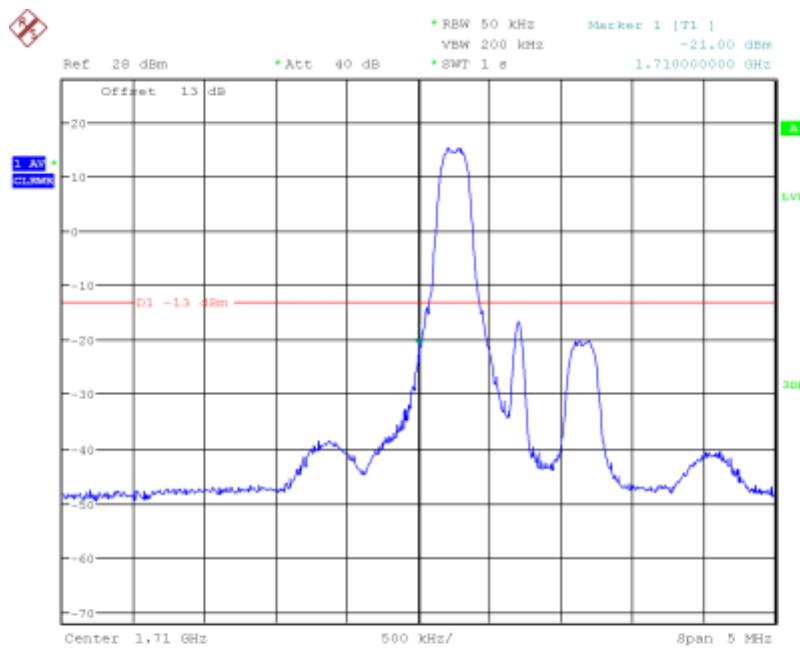
Date: 12.MAR.2019 06:23:32

LTE Band66, 1.4MHz bandwidth, QPSK,(6,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

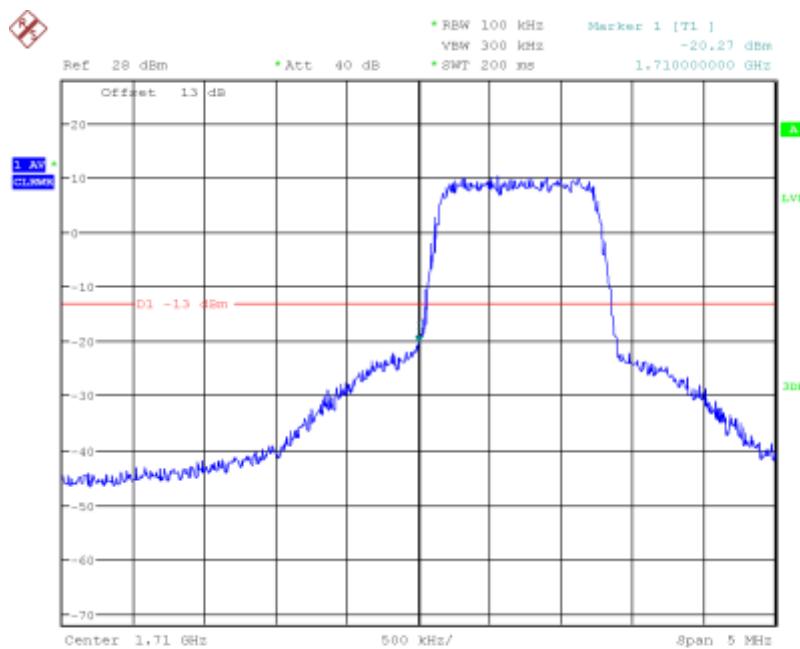
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:27:53

LTE Band66, 1.4MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



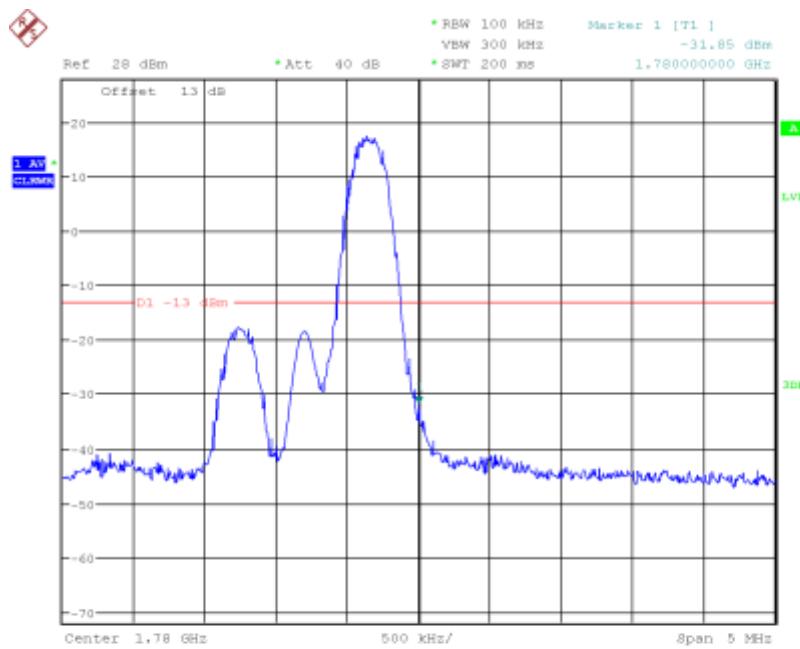
Date: 12.MAR.2019 06:26:10

LTE Band66, 1.4MHz bandwidth, 16QAM,(6,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

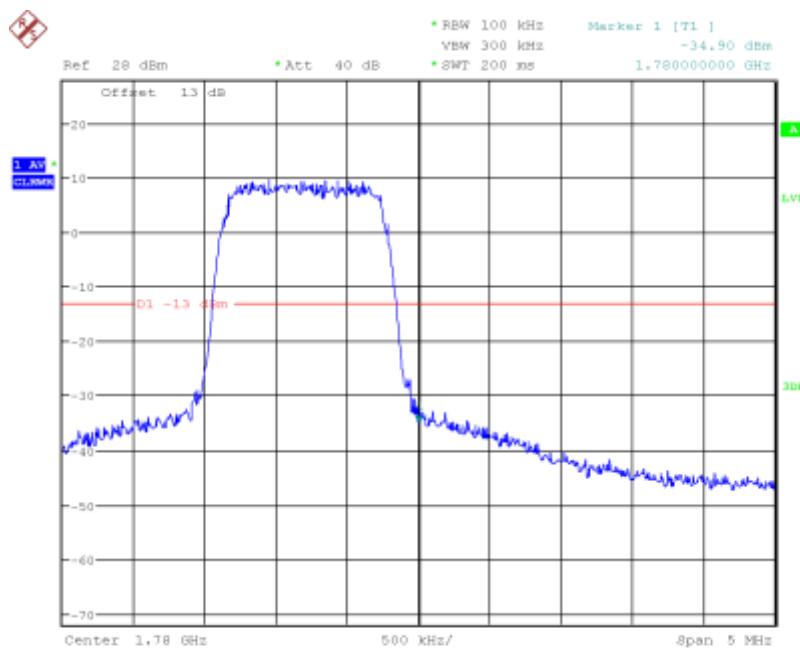
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:24:29

LTE Band66, 1.4MHz bandwidth, 16QAM,(1,6) Mode, Above 1780MHz



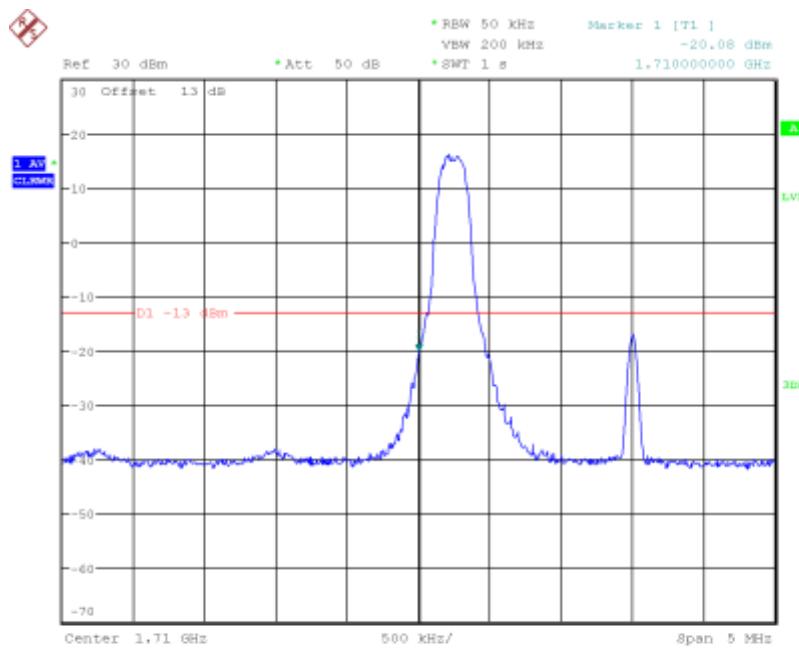
Date: 12.MAR.2019 06:24:52

LTE Band66, 1.4MHz bandwidth, 16QAM,(6,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

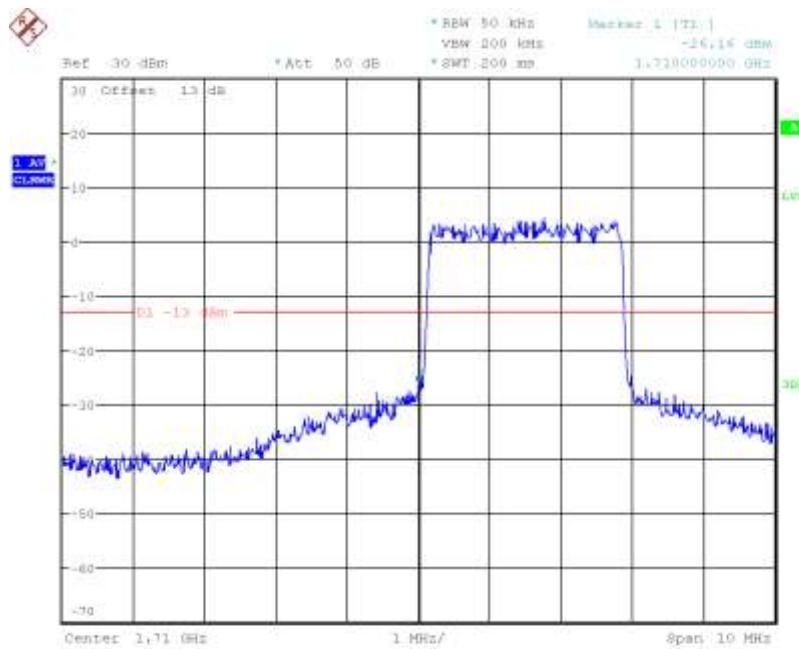
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:32:16

LTE Band66, 3MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

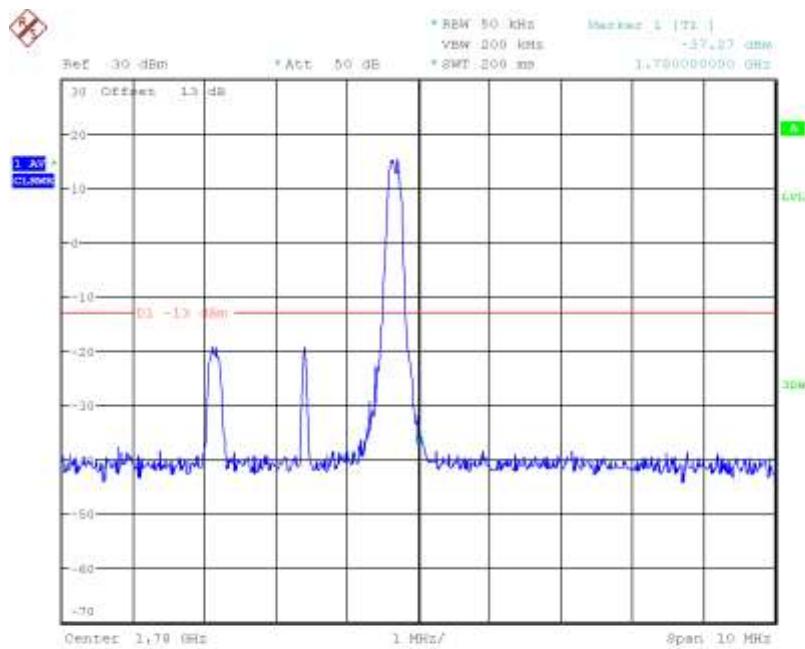


Date: 12.MAR.2019 06:33:07

LTE Band66, 3MHz bandwidth, QPSK,(15,0) Mode , Below 1710MHz

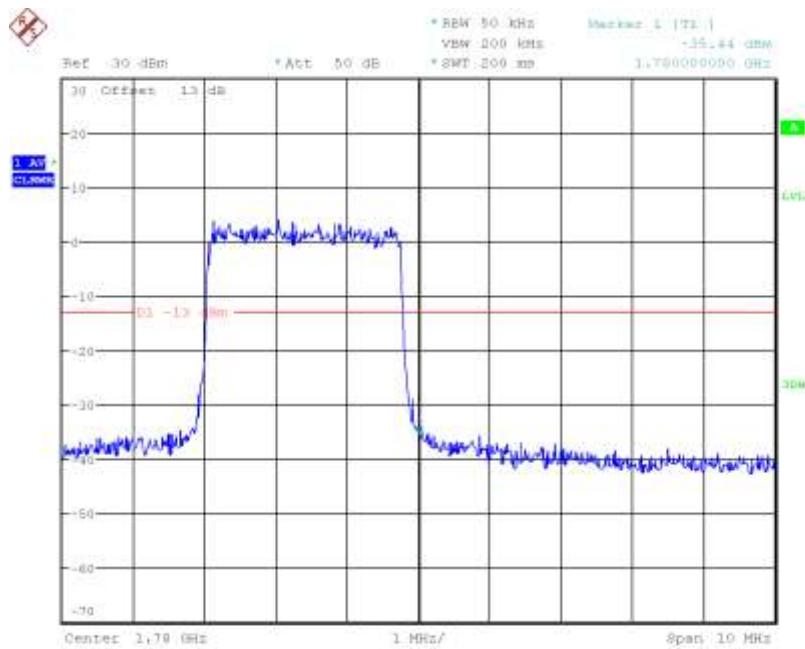
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2018 06:36:24

LTE Band66, 3MHz bandwidth, QPSK,(1,15) Mode, Above 1780MHz



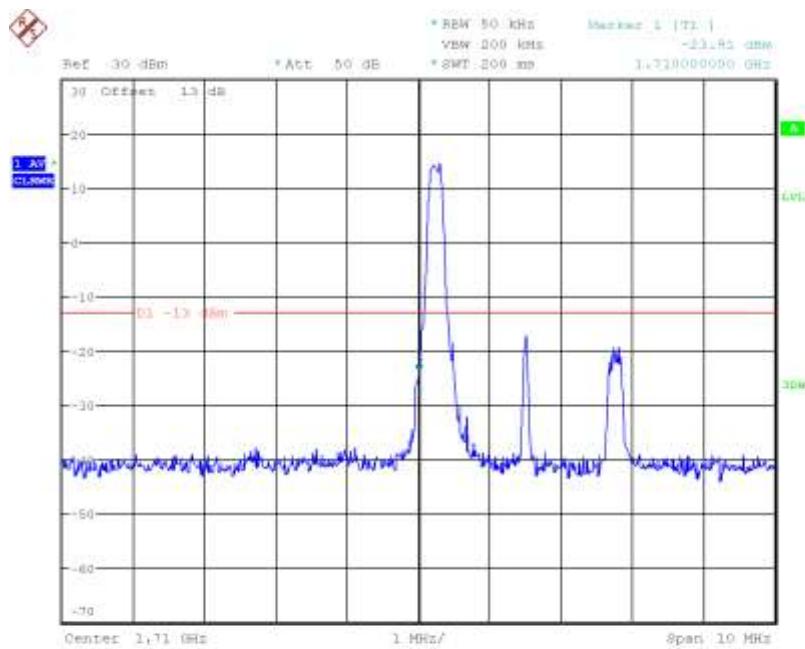
Date: 12.MAR.2018 06:35:55

LTE Band66, 3MHz bandwidth, QPSK,(15,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

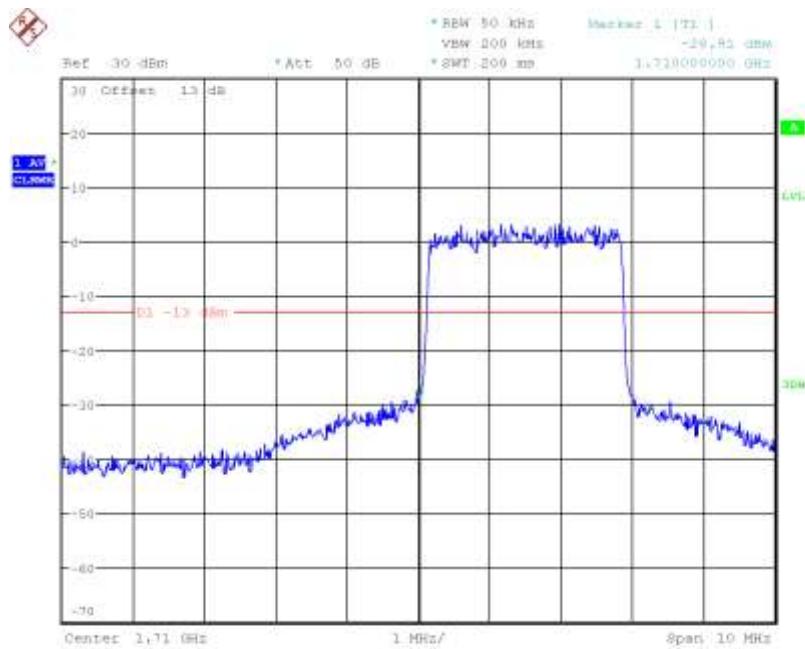
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2018 06:33:58

LTE Band66, 3MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



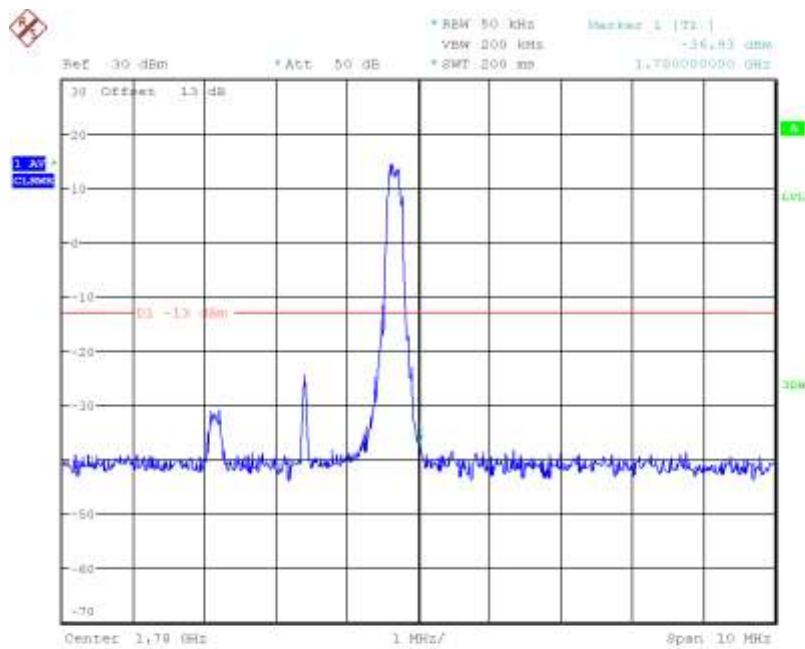
Date: 12.MAR.2018 06:33:51

LTE Band66, 3MHz bandwidth, 16QAM,(15,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

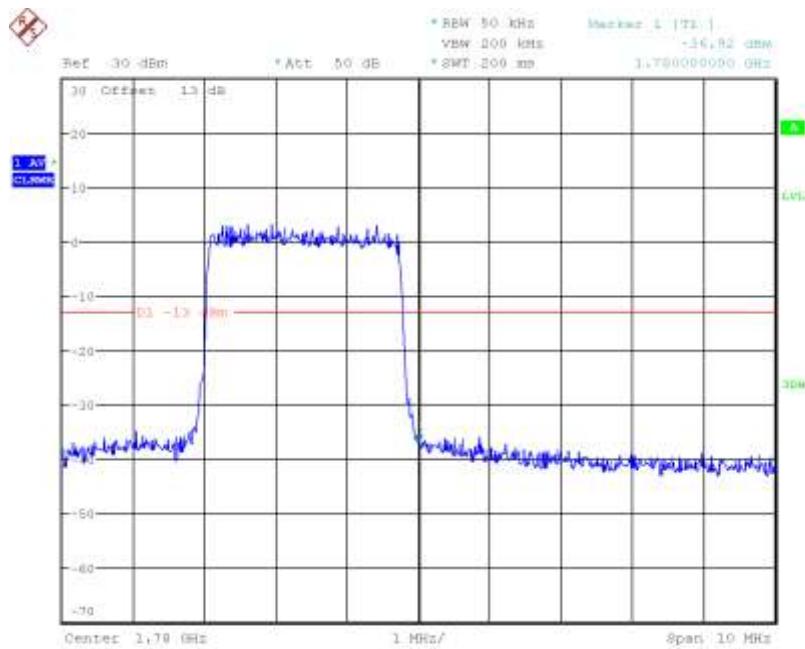
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2018 06:35:02

LTE Band66, 3MHz bandwidth, 16QAM,(1,15) Mode, Above 1780MHz



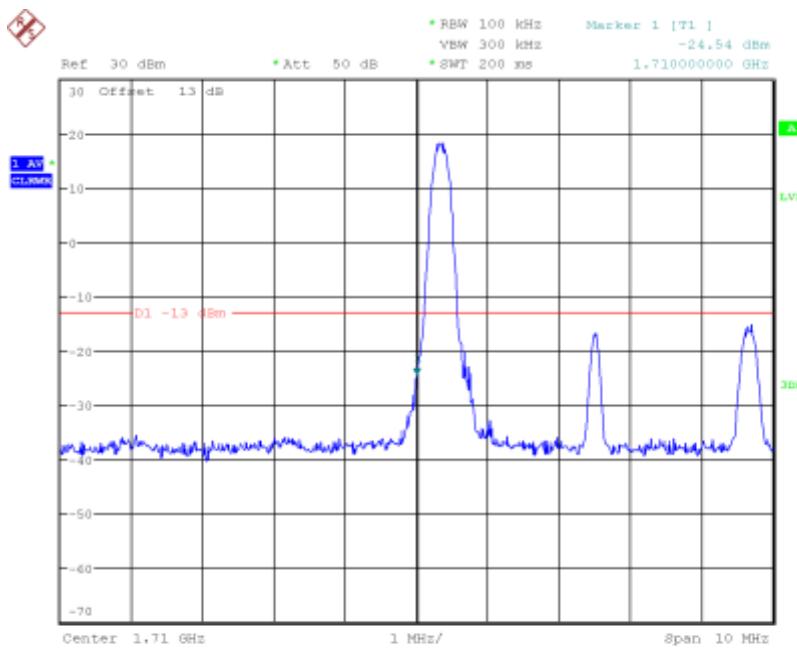
Date: 12.MAR.2018 06:35:30

LTE Band66, 3MHz bandwidth, 16QAM,(15,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965      FAX: 0086-23-88608777

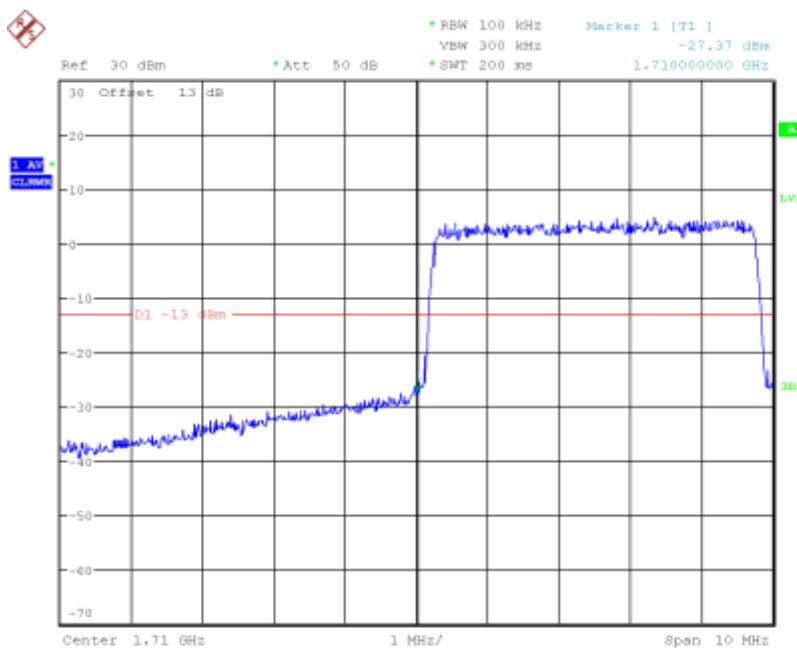
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:38:44

LTE Band66, 5MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

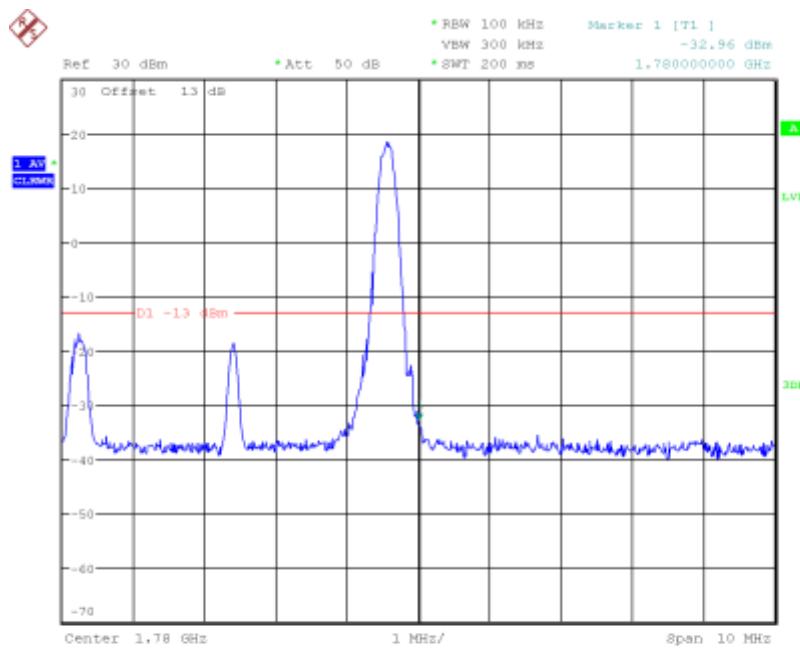


Date: 12.MAR.2019 06:39:03

LTE Band66, 5MHz bandwidth, QPSK,(25,0) Mode , Below 1710MHz

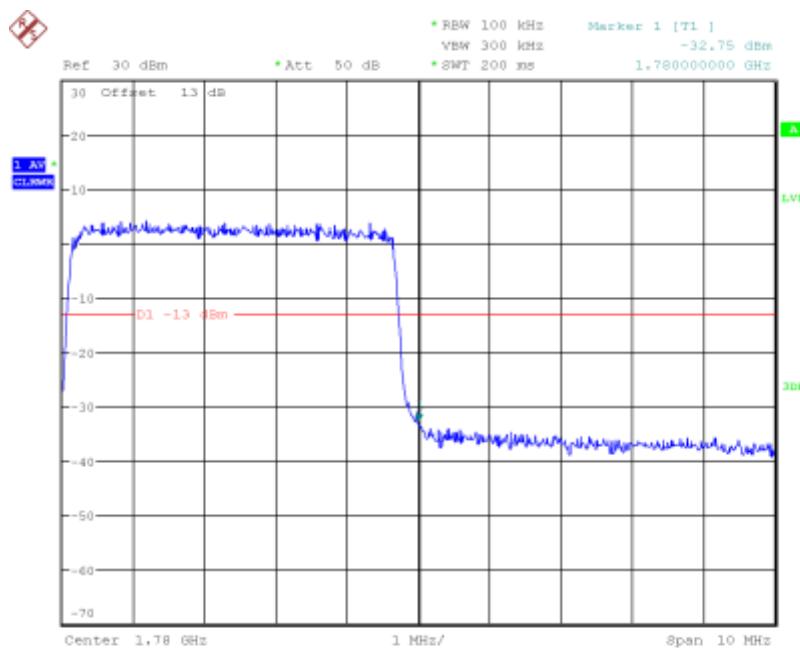
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:42:37

LTE Band66, 5MHz bandwidth, QPSK,(1,25) Mode, Above 1780MHz

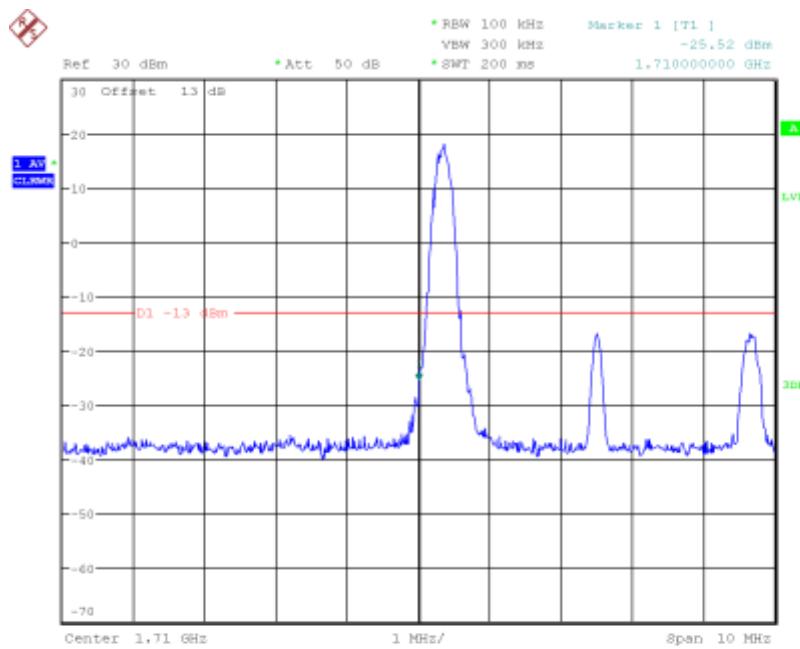


Date: 12.MAR.2019 06:42:08

LTE Band66, 5MHz bandwidth, QPSK,(25,0) Mode, Above 1780MHz

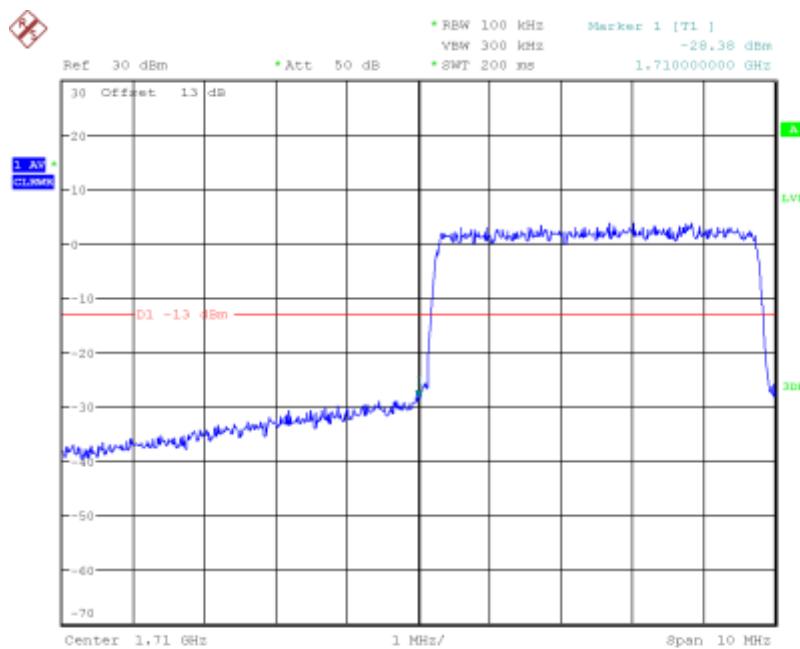
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:39:40

LTE Band66, 5MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

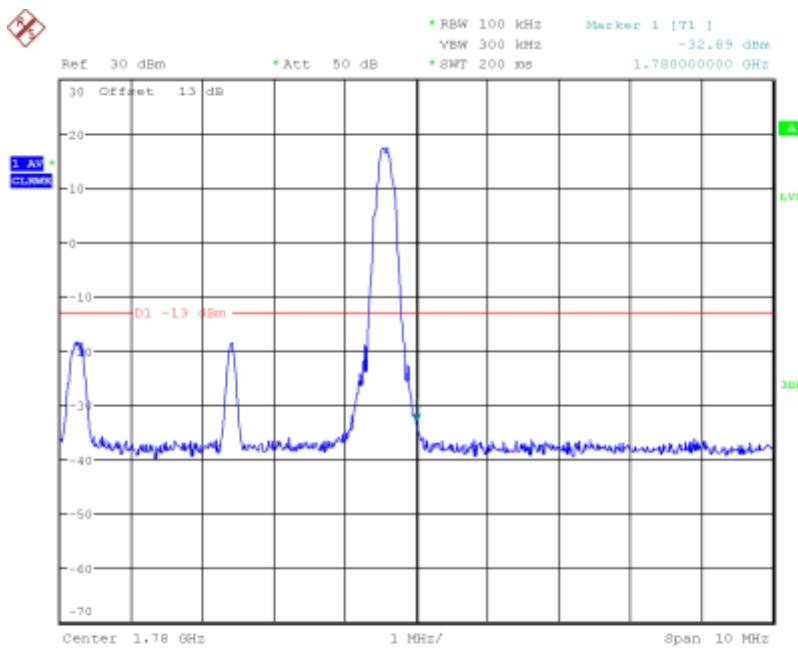


Date: 12.MAR.2019 06:39:19

LTE Band66, 5MHz bandwidth, 16QAM,(25,0) Mode , Below 1710MHz

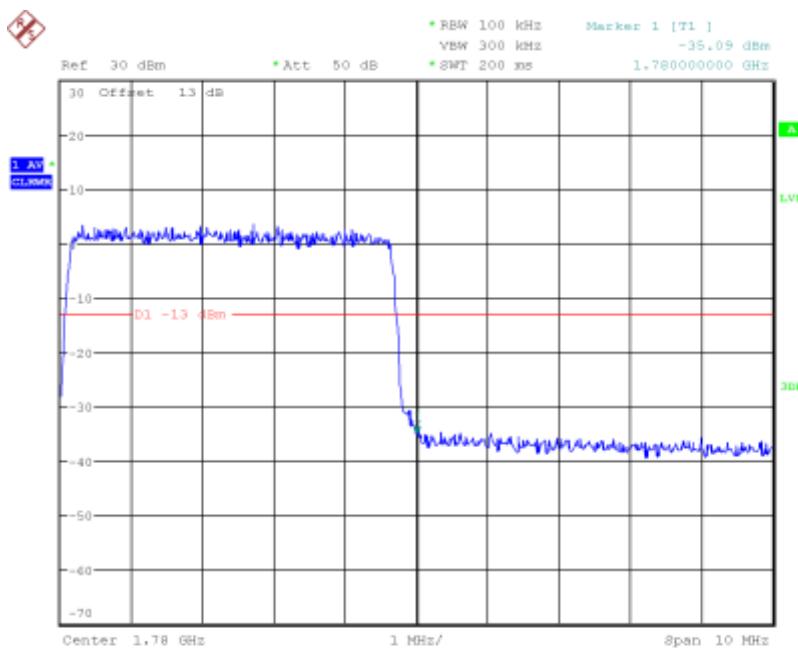
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:41:15

LTE Band66, 5MHz bandwidth, 16QAM,(1,25) Mode, Above 1780MHz



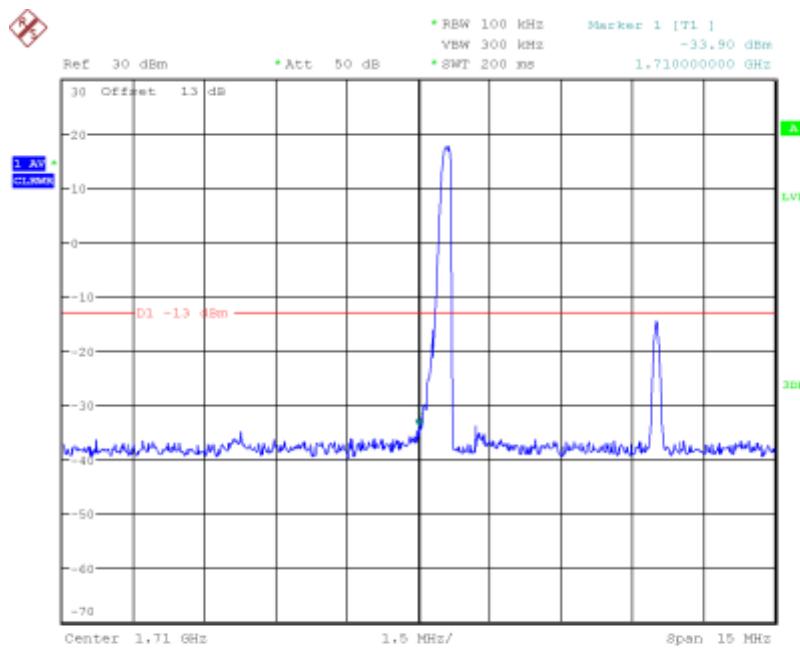
Date: 12.MAR.2019 06:41:42

LTE Band66, 5MHz bandwidth, 16QAM,(25,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

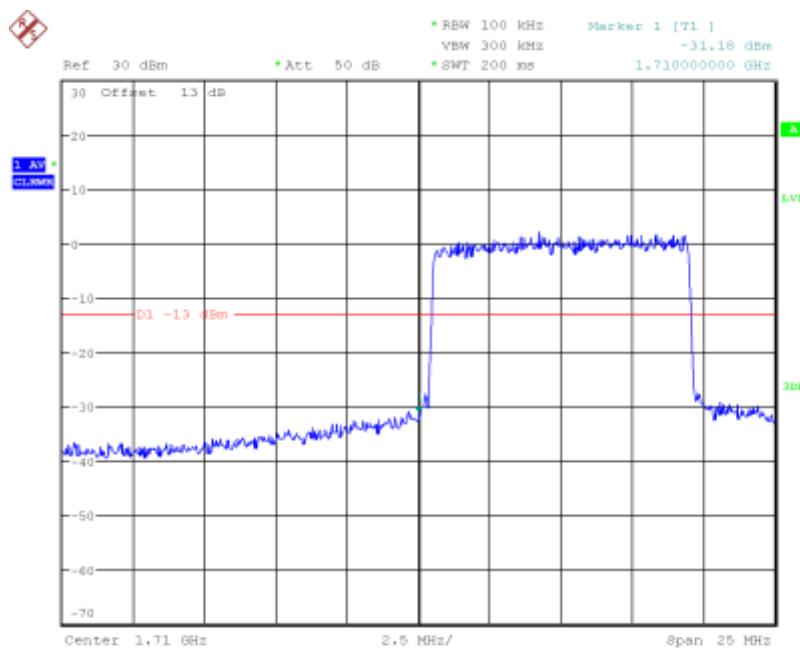
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:45:43

LTE Band66, 10MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz

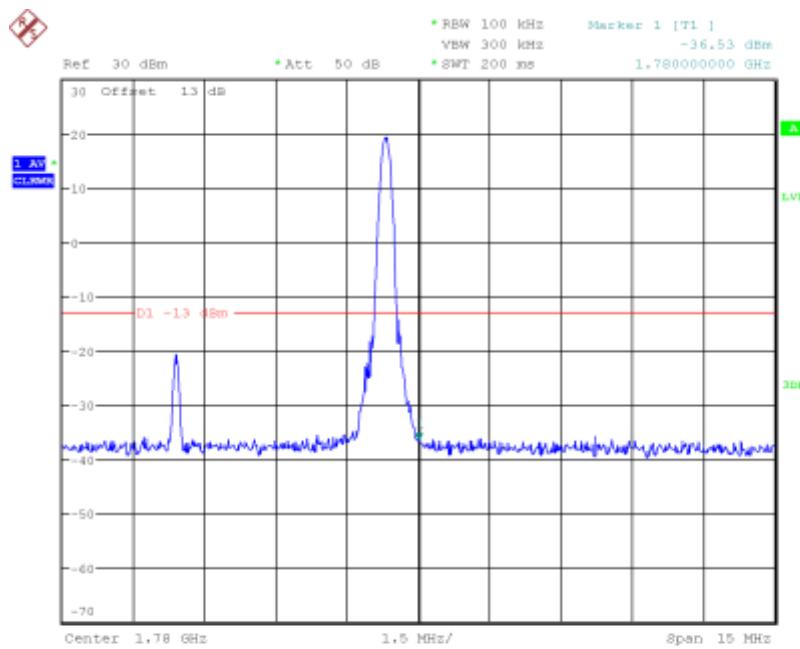


Date: 12.MAR.2019 06:46:29

LTE Band66, 10MHz bandwidth, QPSK,(50,0) Mode , Below 1710MHz

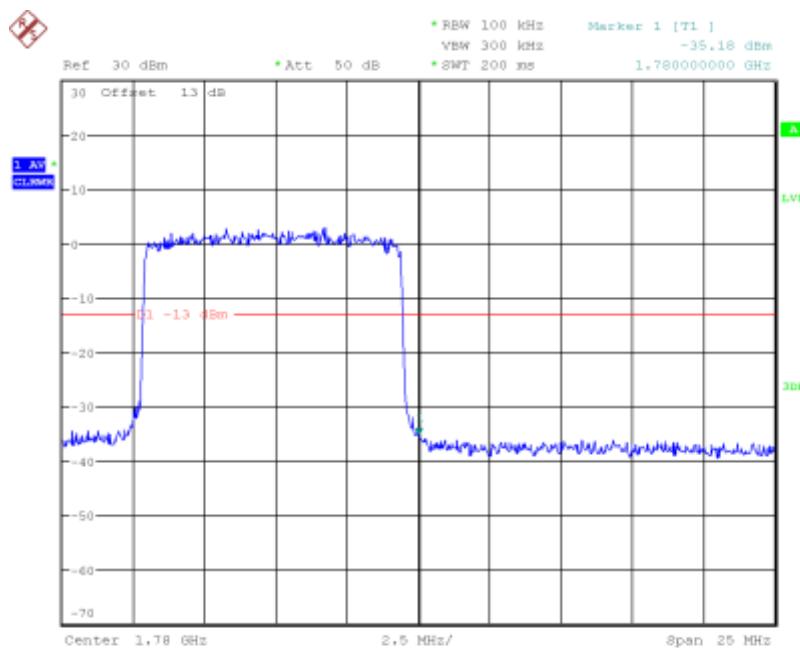
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:49:14

LTE Band66, 10MHz bandwidth, QPSK,(1,50) Mode, Above 1780MHz



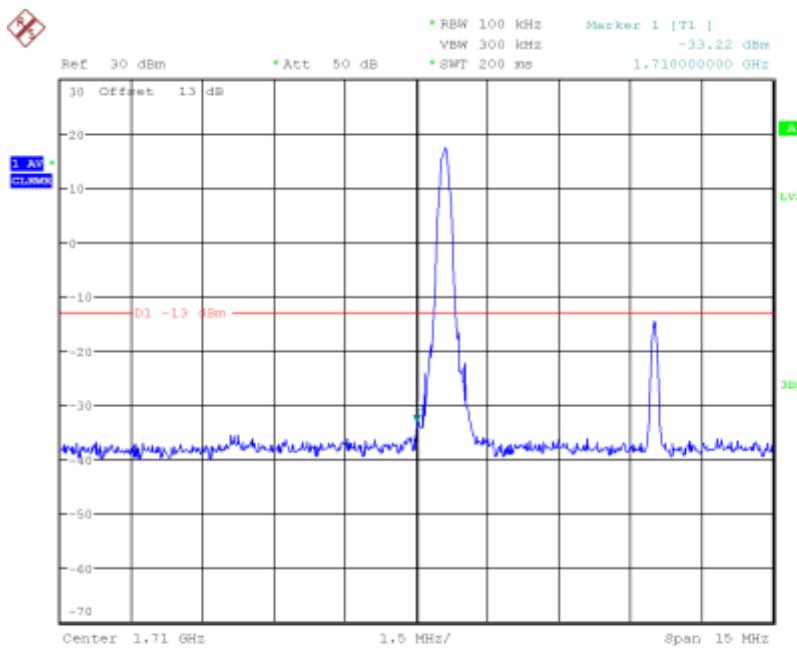
Date: 12.MAR.2019 06:49:41

LTE Band66, 10MHz bandwidth, QPSK,(50,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

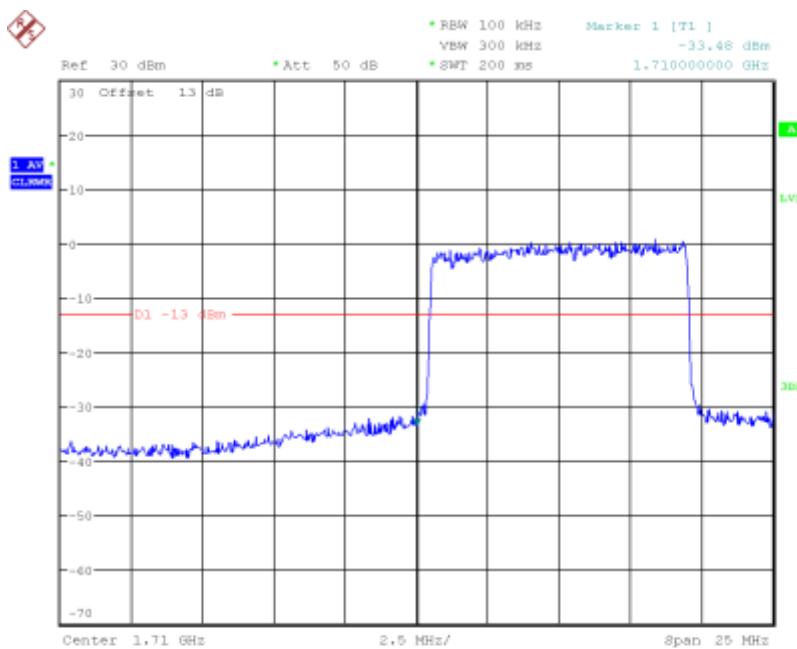
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:47:09

LTE Band66, 10MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz



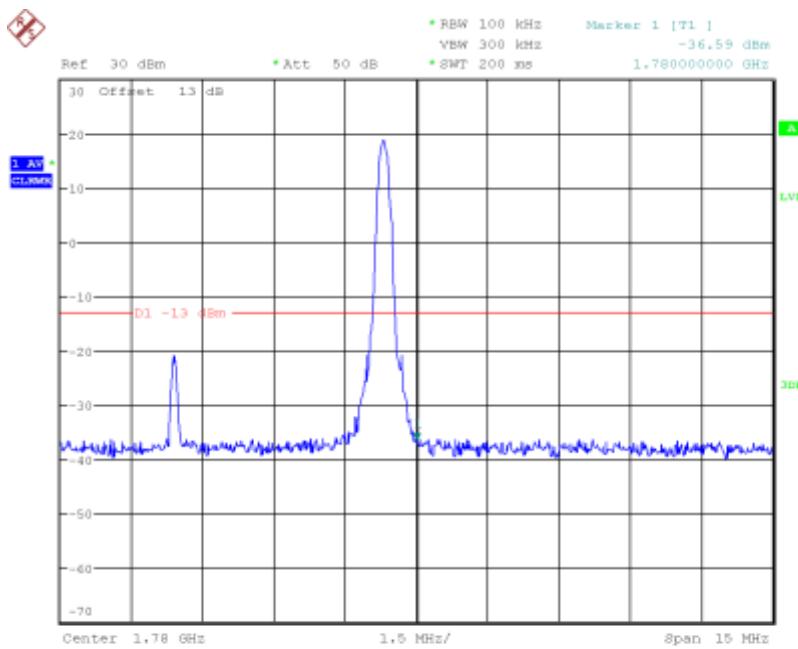
Date: 12.MAR.2019 06:46:46

LTE Band66, 10MHz bandwidth, 16QAM,(50,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

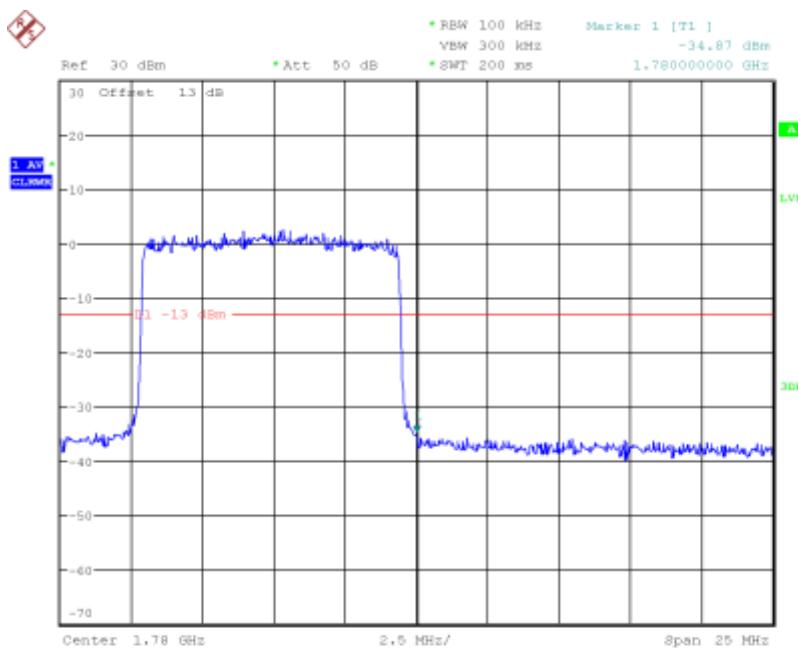
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:48:56

LTE Band66, 10MHz bandwidth, 16QAM,(1,50) Mode, Above 1780MHz



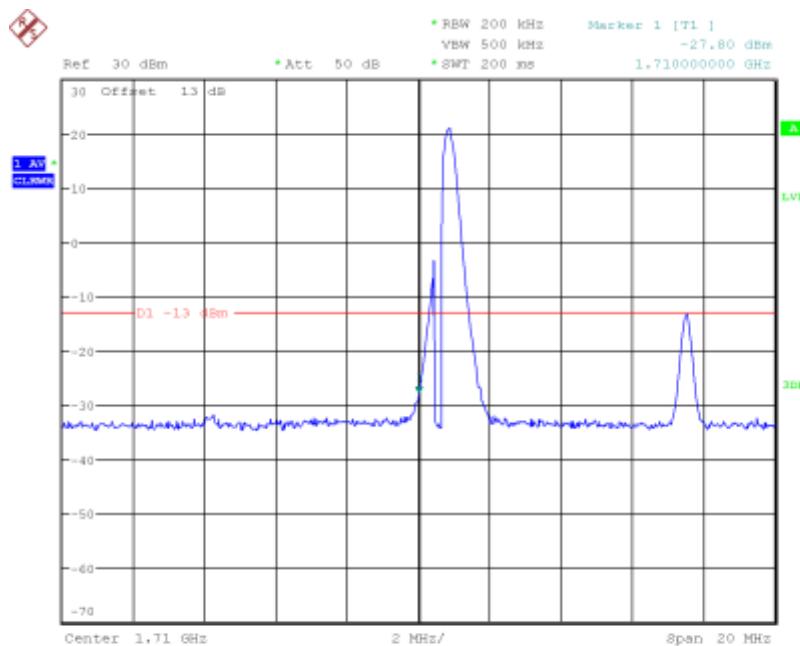
Date: 12.MAR.2019 06:48:22

LTE Band66, 10MHz bandwidth, 16QAM,(50,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

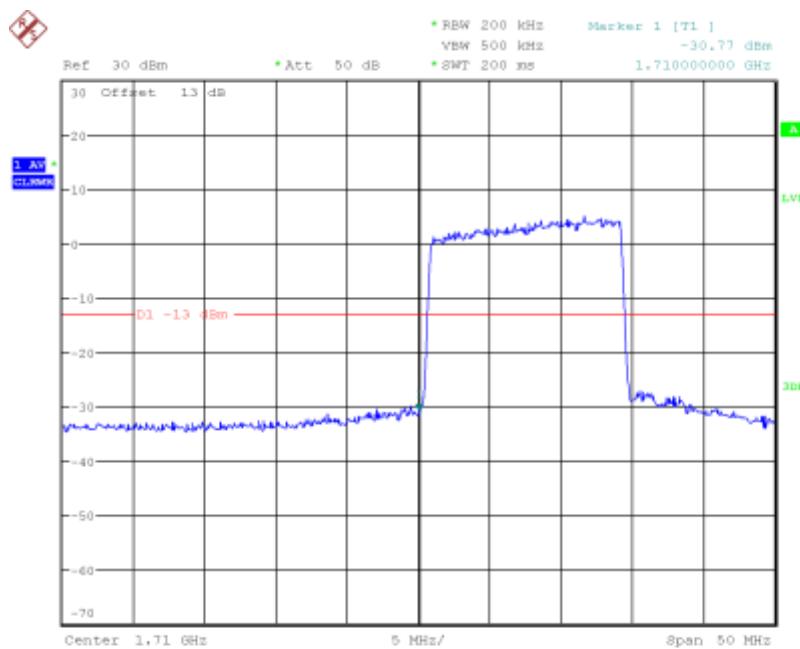
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:52:48

LTE Band66, 15MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



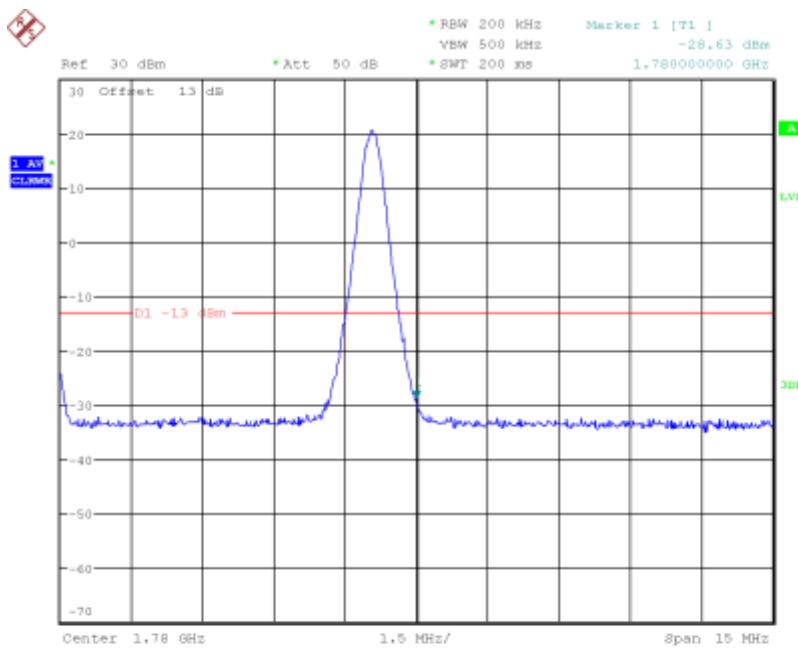
Date: 12.MAR.2019 06:53:17

LTE Band66, 15MHz bandwidth, QPSK,(75,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

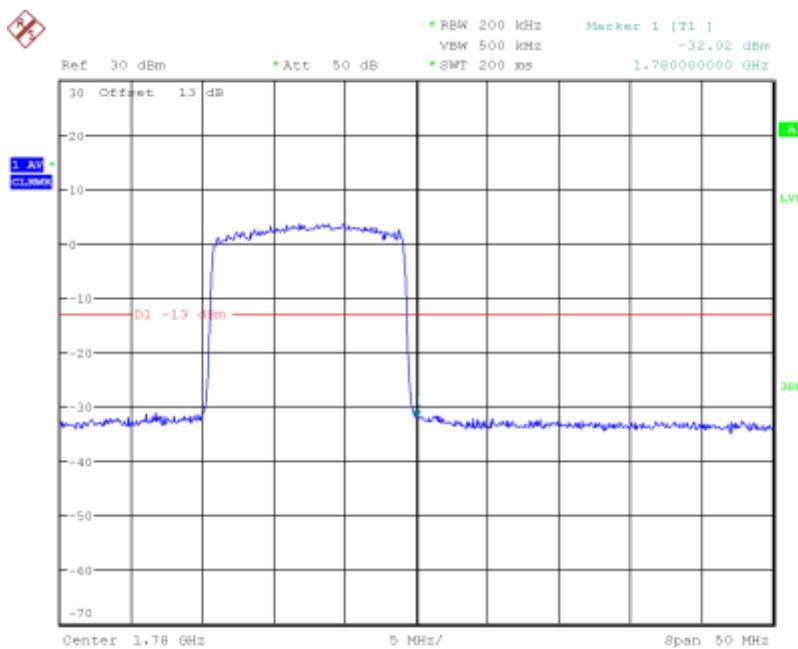
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:56:22

LTE Band66, 15MHz bandwidth, QPSK,(1,75) Mode, Above 1780MHz



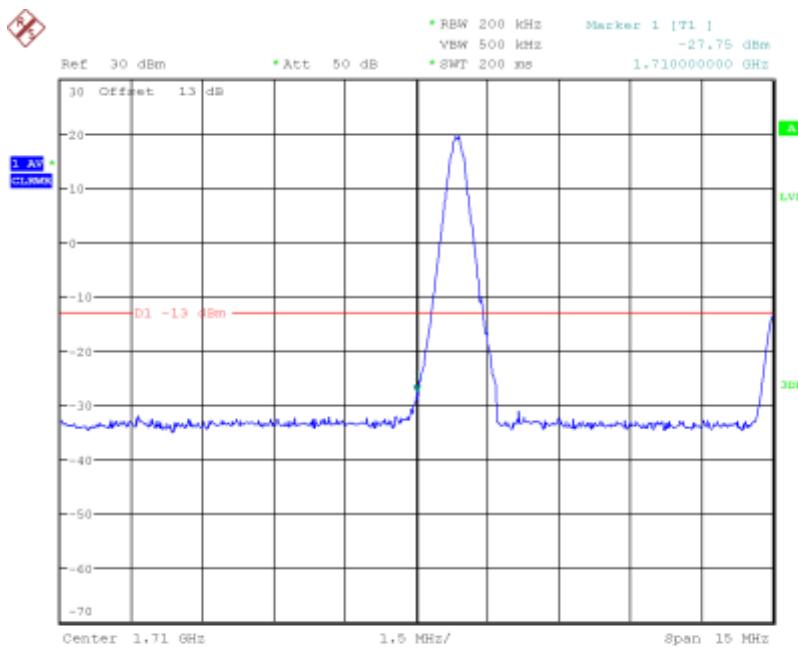
Date: 12.MAR.2019 06:55:51

LTE Band66, 15MHz bandwidth, QPSK,(75,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

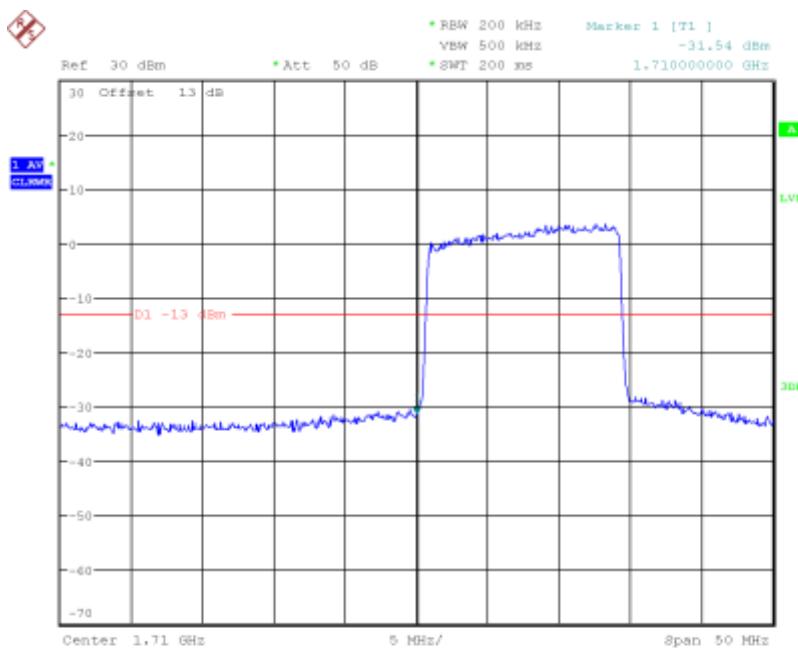
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:54:07

LTE Band66, 15MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

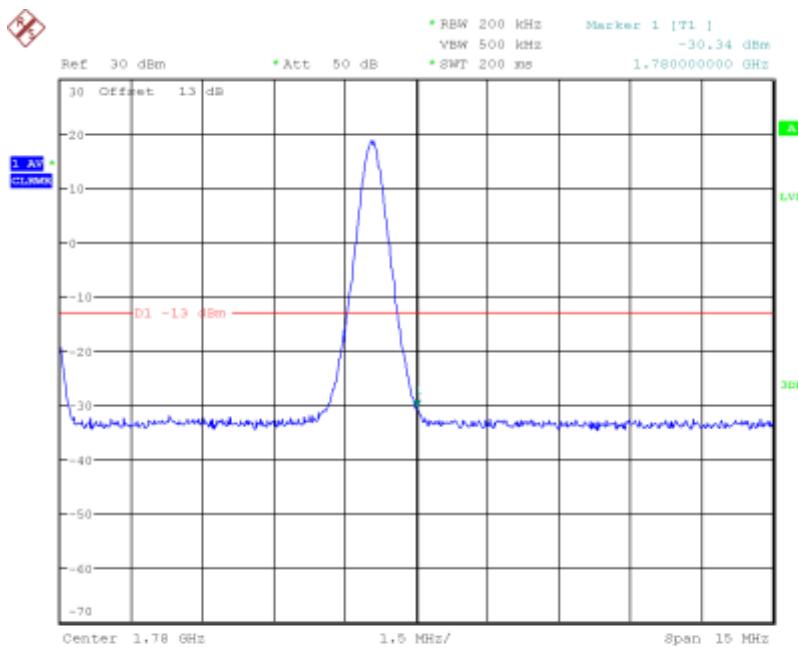


Date: 12.MAR.2019 06:53:35

LTE Band66, 15MHz bandwidth, 16QAM,(75,0) Mode , Below 1710MHz

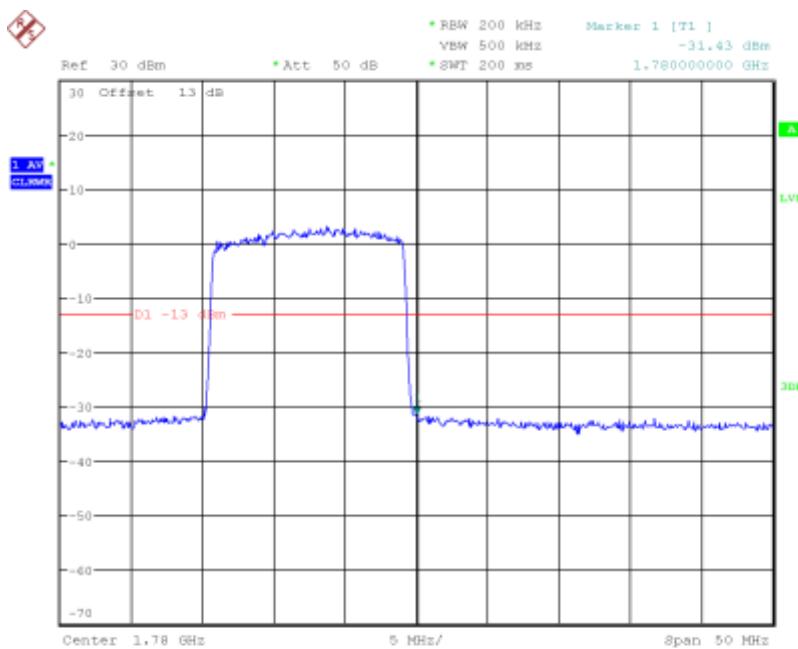
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:55:04

LTE Band66, 15MHz bandwidth, 16QAM,(1,75) Mode, Above 1780MHz



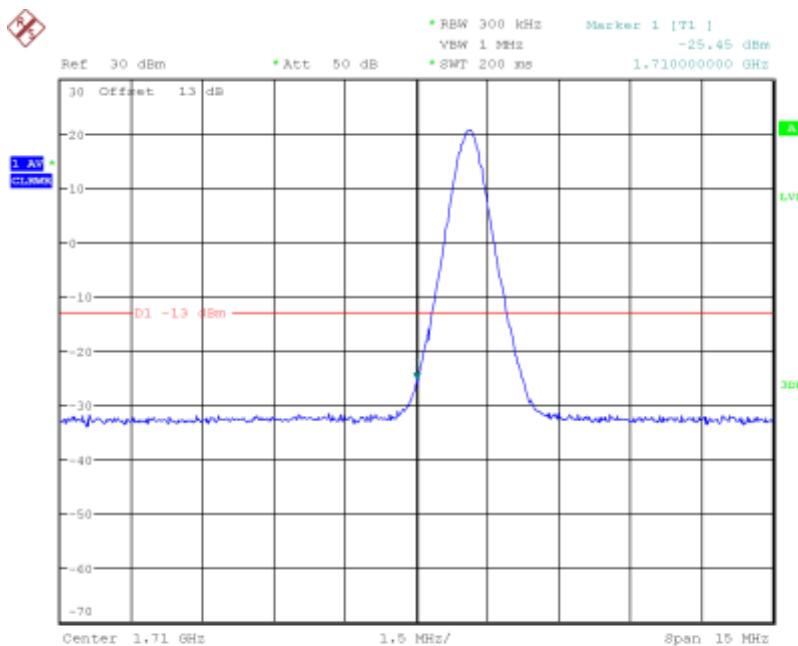
Date: 12.MAR.2019 06:55:32

LTE Band66, 15MHz bandwidth, 16QAM,(75,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

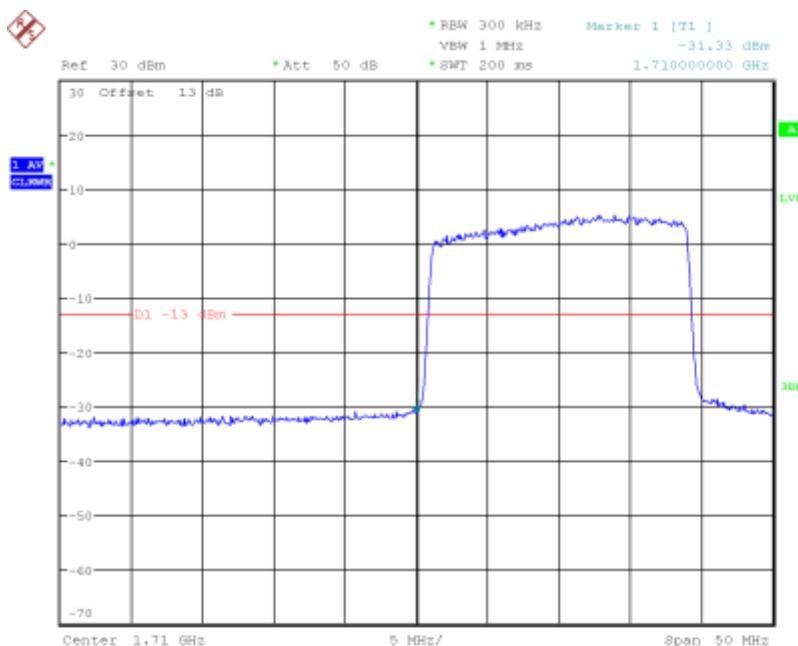
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:57:53

LTE Band66, 20MHz bandwidth, QPSK,(1,0) Mode , Below 1710MHz



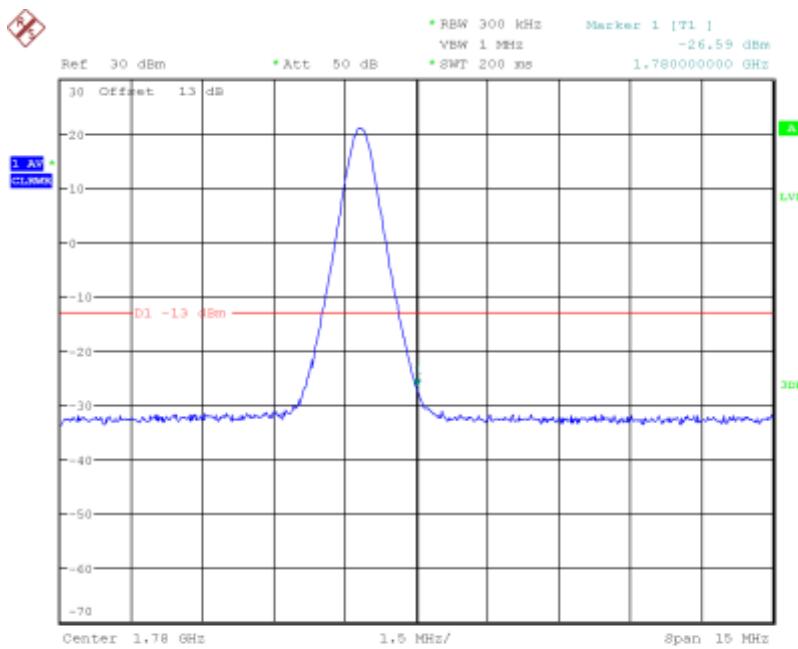
Date: 12.MAR.2019 06:58:13

LTE Band66, 20MHz bandwidth, QPSK,(100,0) Mode , Below 1710MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

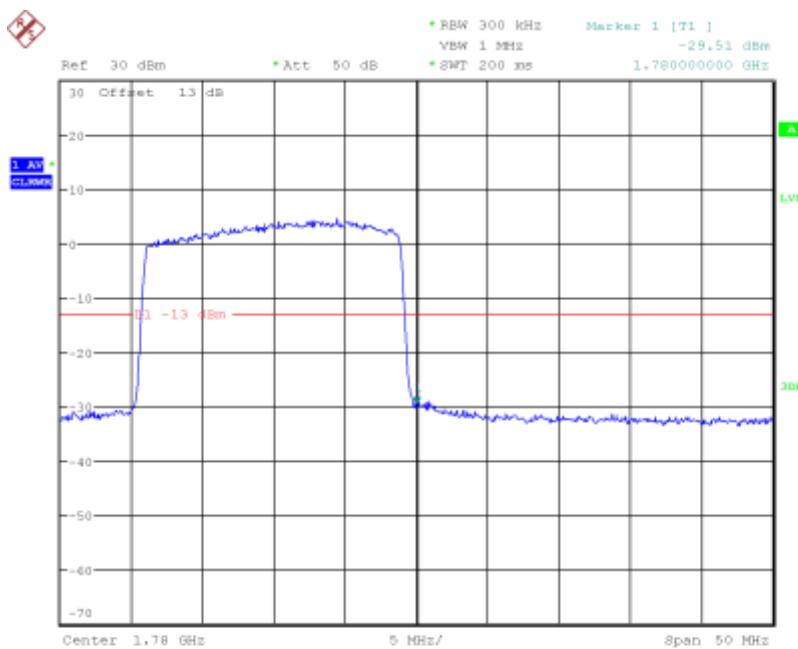
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 07:01:04

LTE Band66, 20MHz bandwidth, QPSK,(1,100) Mode, Above 1780MHz



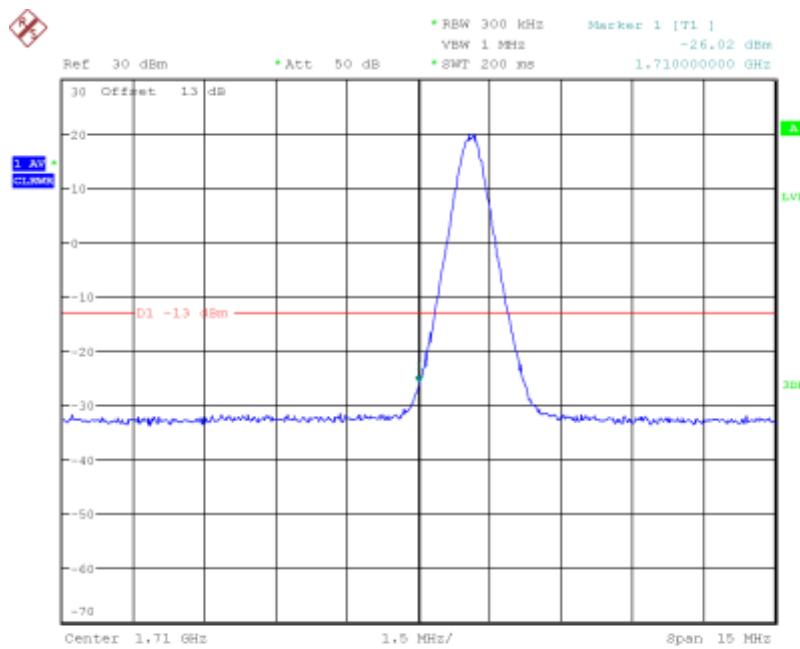
Date: 12.MAR.2019 07:00:28

LTE Band66, 20MHz bandwidth, QPSK,(100,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

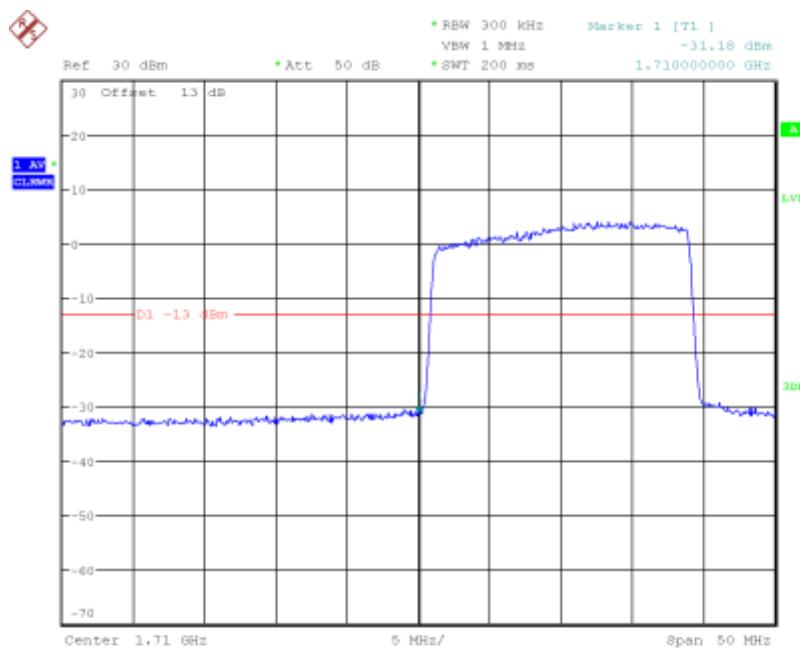
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:58:49

LTE Band66, 20MHz bandwidth, 16QAM,(1,0) Mode , Below 1710MHz

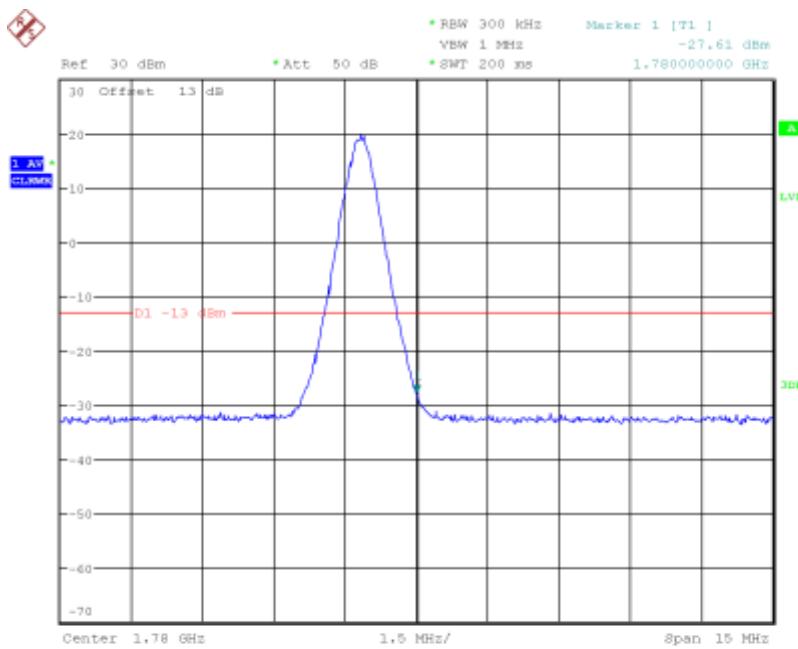


Date: 12.MAR.2019 06:58:29

LTE Band66, 20MHz bandwidth, 16QAM,(100,0) Mode , Below 1710MHz

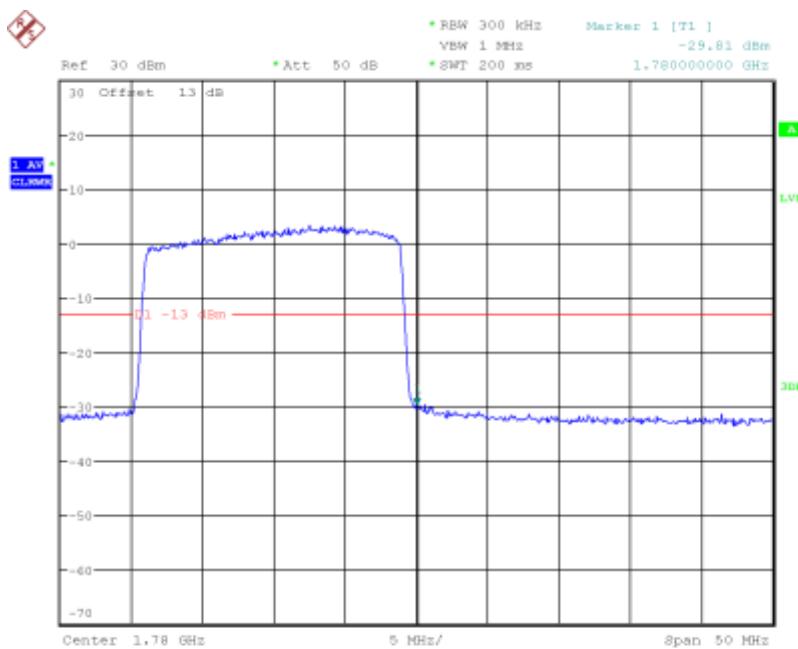
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 06:59:45

LTE Band66, 20MHz bandwidth, 16QAM,(1,100) Mode, Above 1780MHz



Date: 12.MAR.2019 07:00:10

LTE Band66, 20MHz bandwidth, 16QAM,(100,0) Mode, Above 1780MHz

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

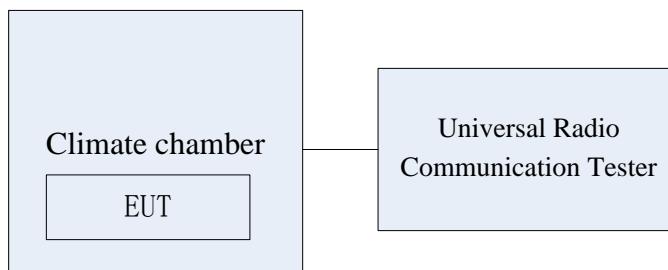
### **5.6 Frequency Stability over Temperature Variation**

<b>Specifications:</b>	FCC Part 2.1055, 22.355, 24.235, 27.54
<b>DUT Serial Number:</b>	868020030259286
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
<b>Test Results:</b>	Pass

Limit	
Frequency deviation [ppm]	±2.5

### **Test Setup**

The EUT was placed in a temperature chamber, demonstrated as figure T. The Wireless Telecommunications Test Set was used to set the Tx channel and power level, modulate the TX signal with different bit patterns and measure the frequency of Tx.



### **Test Method**

- 1、 The EUT was turned off and placed in the temperature chamber.
- 2、 The temperature of the chamber was set to -30°C and allowed to stabilize.
- 3、 The EUT temperature was allowed to stabilize for 45 minutes.
- 4、 The EUT was turned on and set to transmit with Wireless Telecommunications Test Set.
- 5、 The maximum transmit frequency deviation during one minute period was measured by Wireless Communications Test Set.
- 6、 The steps 3-5 were repeated for -30°C,-20°C, -10°C, 0°C, 10°C, 20°C, 30°C, 40°C and 50°C.

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.6.1 GSM Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
GSM850	Hz	2.75	-3.82	-1.98	4.25	2.52	-3.27	-2.19	4.35	3.96
	ppm	0.003	-0.005	-0.002	0.005	0.003	-0.004	-0.003	0.005	0.005
GSM850 8PSK	Hz	4.32	-2.73	3.26	1.97	4.82	-3.84	5.27	-3.18	4.17
	ppm	0.005	-0.003	0.004	0.002	0.006	-0.005	0.006	-0.004	0.005
PCS1900 GMSK	Hz	-3.28	2.25	3.89	-1.98	6.27	-4.33	2.72	4.36	-5.27
	ppm	-0.002	0.001	0.002	-0.001	0.003	-0.002	0.001	0.002	-0.002
PCS1900 8PSK	Hz	6.25	1.87	2.91	4.23	-3.25	-4.37	1.84	2.76	4.33
	ppm	0.003	0.001	0.002	0.002	-0.002	-0.002	0.001	0.001	0.002

## 5.6.2 WCDMA Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
2	Hz	-5.92	-3.23	4.67	2.91	-4.19	7.62	-5.31	-2.95	4.94
	ppm	-0.003	-0.002	0.002	0.002	-0.002	0.004	-0.003	-0.002	0.003
5	Hz	3.61	4.18	-2.48	6.68	-1.53	2.82	-3.66	-4.51	3.75
	ppm	0.004	0.005	-0.003	0.008	-0.002	0.003	-0.004	-0.005	0.004

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.6.3 LTE Band Frequency Stability over Temperature Variation Results

Band	Offset	Temperature[°C]								
		-30	-20	-10	0	10	20	30	40	50
2	Hz	-4.09	2.58	6.54	5.27	3.52	-2.11	3.42	1.98	4.36
	ppm	-0.002	0.001	0.003	0.003	0.002	-0.001	0.002	0.001	0.002
4	Hz	5.36	2.98	1.59	-3.24	6.39	4.57	-4.96	3.58	-2.97
	ppm	0.003	0.002	0.001	-0.002	0.004	0.003	-0.003	0.002	-0.002
5	Hz	-4.31	5.29	3.08	-6.31	-3.28	2.72	4.39	6.83	-7.25
	ppm	-0.005	0.006	0.004	-0.008	-0.004	0.003	0.005	0.008	-0.009
28	Hz	2.93	1.28	-6.18	-4.26	3.45	6.72	5.94	-3.26	2.75
	ppm	0.004	0.002	-0.009	-0.006	0.005	0.009	0.008	-0.004	0.004
66	Hz	5.16	-3.93	3.45	2.81	4.37	-2.18	4.93	-3.69	-5.19
	ppm	0.003	-0.002	0.002	0.0021	0.003	-0.001	0.003	-0.002	-0.003

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

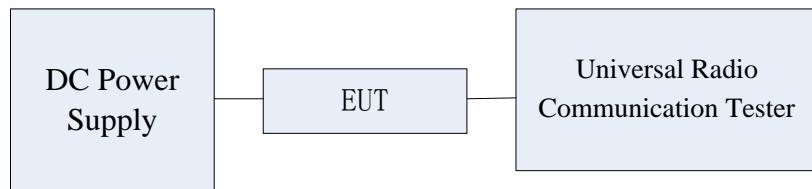
## 5.7 Frequency Stability over Voltage Variation

<b>Specifications:</b>	FCC Part 2.1055, 22.355, 24.235, 27.54
<b>DUT Serial Number:</b>	868020030259286
<b>Test conditions:</b>	Ambient Temperature:15 °C-35 °C Relative Humidity:30%-60% Air pressure: 86-106kPa
<b>Test Results:</b>	--

Limit	
Frequency deviation [ppm]	±2.5

### Test Setup

The EUT was placed in a shielding chamber and powered by an adjustable power supply, demonstrated as figure V. A Wireless Telecommunications Test Set was used to set the TX channel and power level, modulate the TX signal with different bit patterns and measure the frequency of TX.



### Test Method

The EUT was powered by the adjustable power supply. The frequency stability is measured by the Wireless Telecommunications Test Set.

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.7.1 GSM Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.40	3.80	4.20
<b>GSM850</b>	Hz	2.37	4.29	-3.27
	ppm	0.003	0.005	-0.004
<b>GSM850</b> <b>8PSK</b>	Hz	4.38	-3.92	-1.56
	ppm	0.005	-0.005	-0.002
<b>PCS1900</b>	Hz	3.31	2.60	5.07
	ppm	0.002	0.001	0.003
<b>PCS1900</b> <b>8PSK</b>	Hz	1.96	-4.47	-1.52
	ppm	0.001	-0.002	-0.001

## 5.7.2 WCDMA Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.40	3.80	4.20
2	Hz	-5.26	1.77	-3.14
	ppm	-0.003	0.001	-0.002
5	Hz	4.50	-2.63	-5.22
	ppm	0.005	-0.003	-0.006

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.7.3 LTE Band Frequency Stability over Voltage Variation Results

Test data:

Band	Offset	Voltage (V)		
		3.40	3.80	4.20
2	Hz	5.41	3.18	1.09
	ppm	0.003	0.002	0.001
4	Hz	-2.77	-3.13	5.37
	ppm	-0.002	-0.002	0.003
5	Hz	4.51	3.66	-6.15
	ppm	0.005	0.004	-0.007
28	Hz	2.39	2.84	-4.10
	ppm	0.003	0.004	-0.006
66	Hz	1.81	5.37	-2.08
	ppm	0.001	0.003	-0.001

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Report No.:B19W50074-WWAN\_Rev3

## 5.8 Peak to Average Ratio

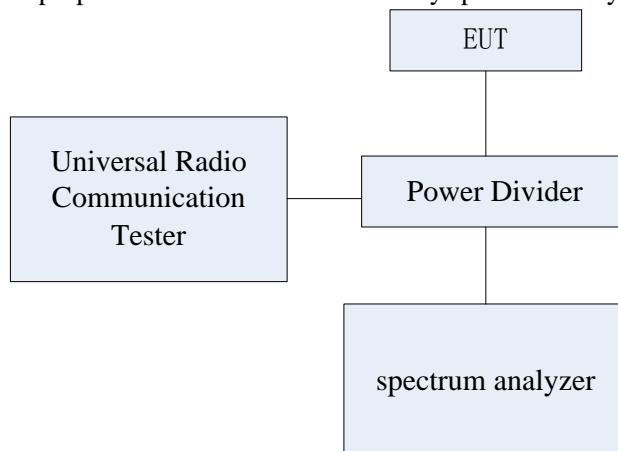
<b>Specifications:</b>	FCC Part 24.232, 27.50,
<b>DUT Serial Number:</b>	868020030259286
<b>Test conditions:</b>	Ambient Temperature:15 °C-35 °C Relative Humidity:30%-60% Air pressure: 86-106kPa
<b>Test Results:</b>	Pass

### Limit

The EUT meets the requirement of having a peak to average ratio of less than 13dB.

### Test Setup

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



### Test Method

The transmitter output was connected to a CMW500 through a coaxial RF cable and directional coupler, and configured to operate at maximum power. The peak to average ratio was measured at the required operating frequencies in each Band on the Spectrum Analyzer.

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.8.1 GSM850 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	Modulation	Peak to Average Ratio
836.6	190	GMSK	10.05
		8PSK	12.97

## 5.8.2 GSM1900 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	Modulation	Peak to Average Ratio
1880	661	GMSK	10.12
		8PSK	12.81

## 5.8.3 WCDMA B2 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	Modulation	Peak to Average Ratio
1880	9400	QPSK	3.53
1880	9400	16QAM	4.01

## 5.8.4 WCDMA B5 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	Modulation	Peak to Average Ratio
836.4	4182	QPSK	3.48
836.4	4182	16QAM	3.68

## 5.8.5 LTE B2 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	bandwidth	Modulation	Peak to Average Ratio
1880MHz	18900	10MHz	QPSK	6.19

# Chongqing Academy of Information and Communications Technology

## Report No.:B19W50074-WWAN\_Rev3

			16QAM	7.77
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### 5.8.6 LTE B4 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	bandwidth	Modulation	Peak to Average Ratio
1732.5MHz	20175	10MHz	QPSK	5.75
			16QAM	6.96

### 5.8.7 LTE B5 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	bandwidth	Modulation	Peak to Average Ratio
836.5MHz	23525	10MHz	QPSK	6.50
			16QAM	7.43

### 5.8.8 LTE B28 Peak to Average Ratio Results

Frequency (MHz)	EUT channel No.	bandwidth	Modulation	Peak to Average Ratio
725.5MHz	27435	10MHz	QPSK	6.29
			16QAM	7.15

### 5.8.9 LTE B66 Peak to Average Ratio Results

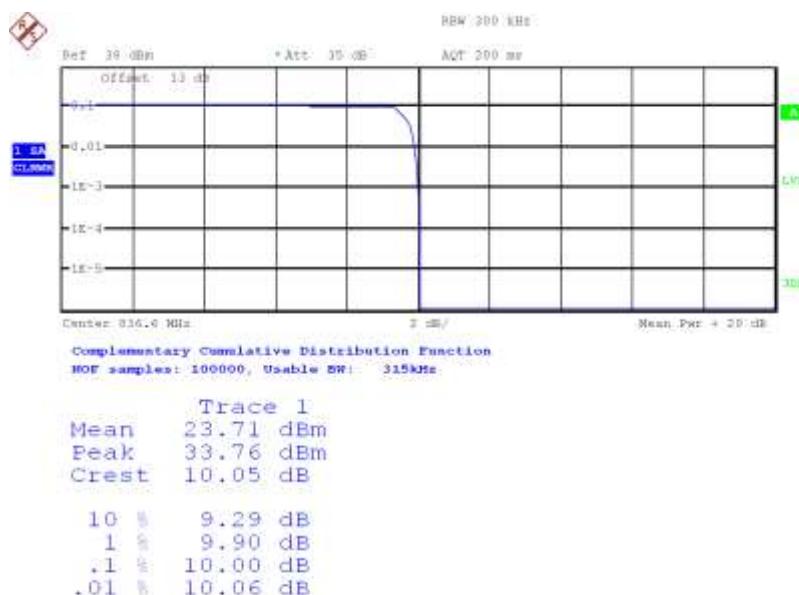
Frequency (MHz)	EUT channel No.	bandwidth	Modulation	Peak to Average Ratio
1745.0MHz	132322	10MHz	QPSK	6.20
			16QAM	7.55

### Graphical for Peak to Average Ratio Results

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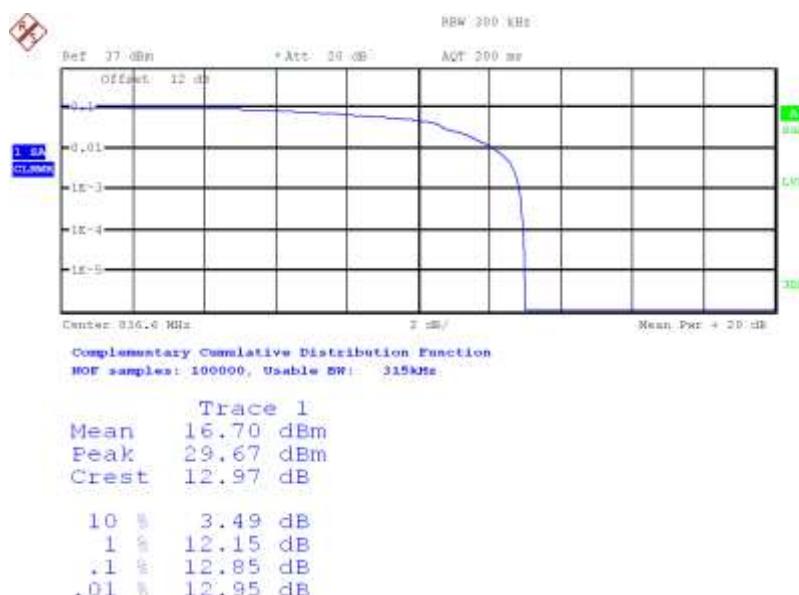
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 23.MAR.2019 12:03:43

GSM850, GMSK



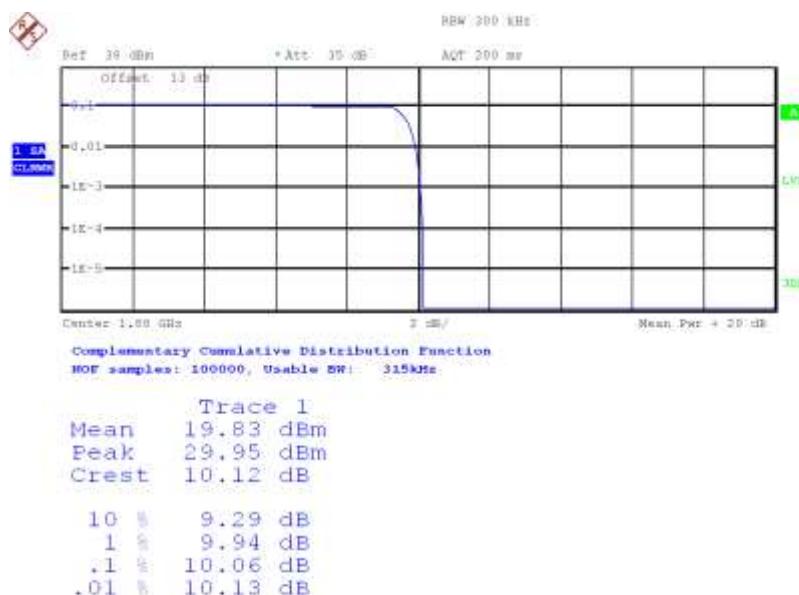
Date: 23.MAR.2019 17:21:18

GSM850,8PSK

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

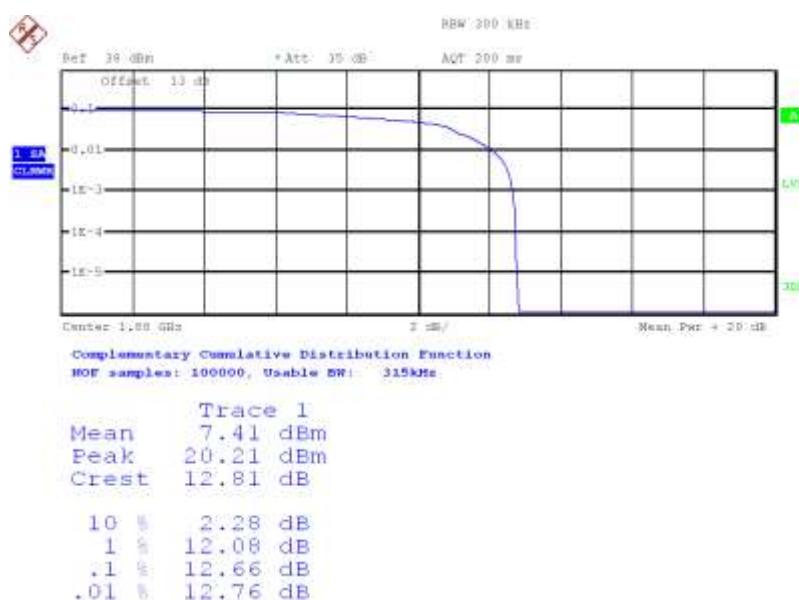
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 23.MAR.2019 12:13:33

PCS1900, GMSK

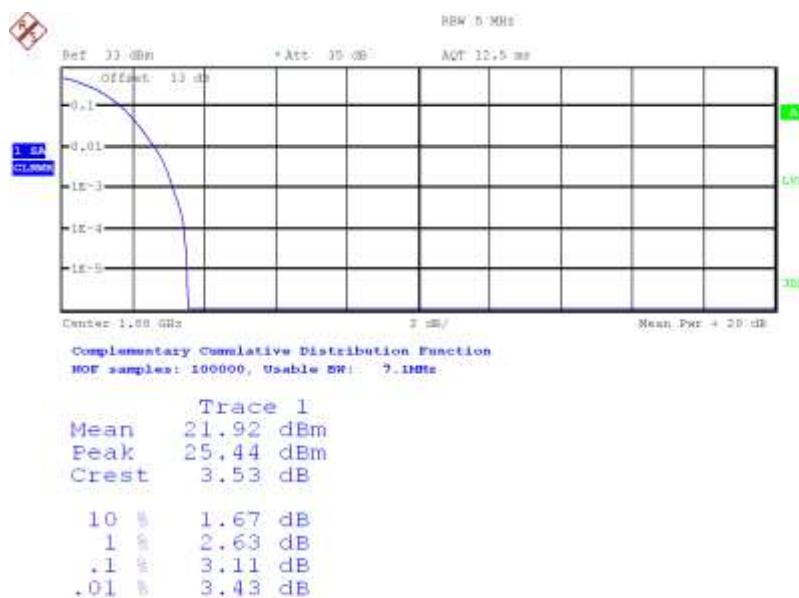


Date: 23.MAR.2019 12:15:04

PCS1900, 8PSK

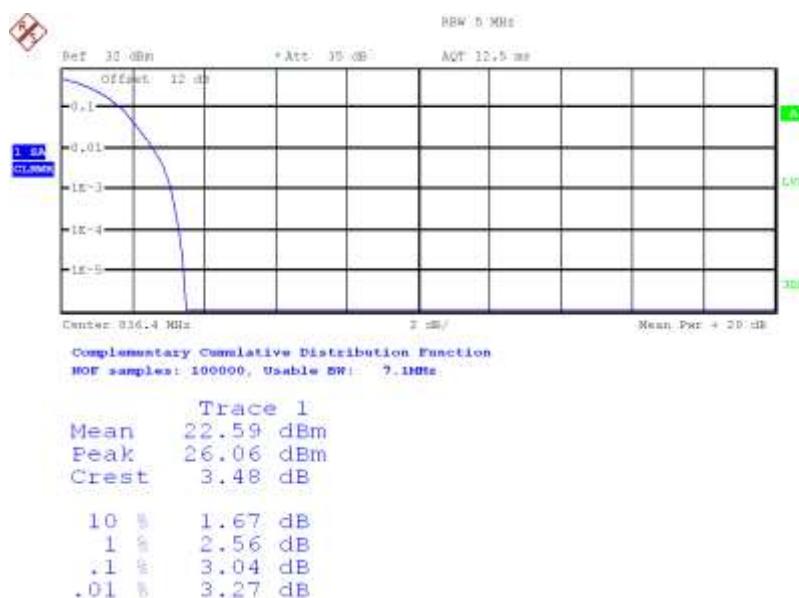
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 23.MAR.2019 16:03:00

## WCDMA Band2, QPSK



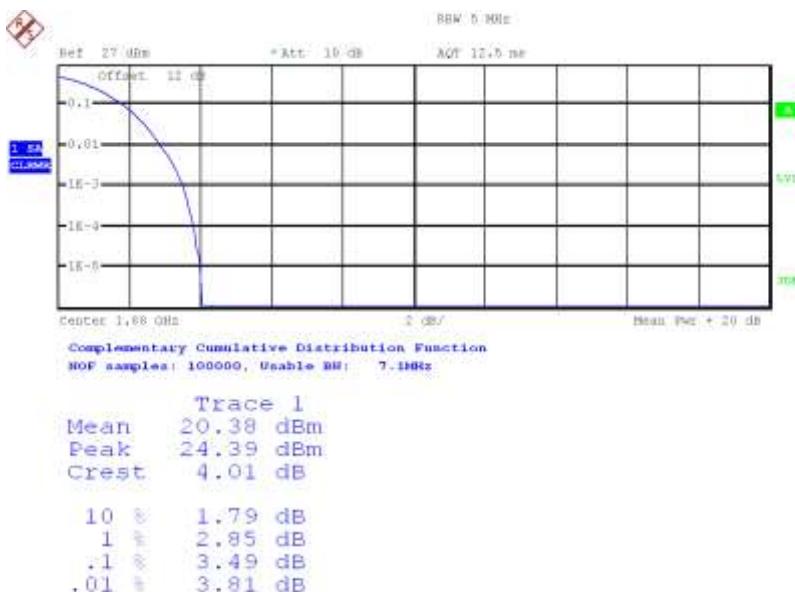
Date: 23.MAR.2019 16:04:47

## WCDMA Band5, QPSK

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

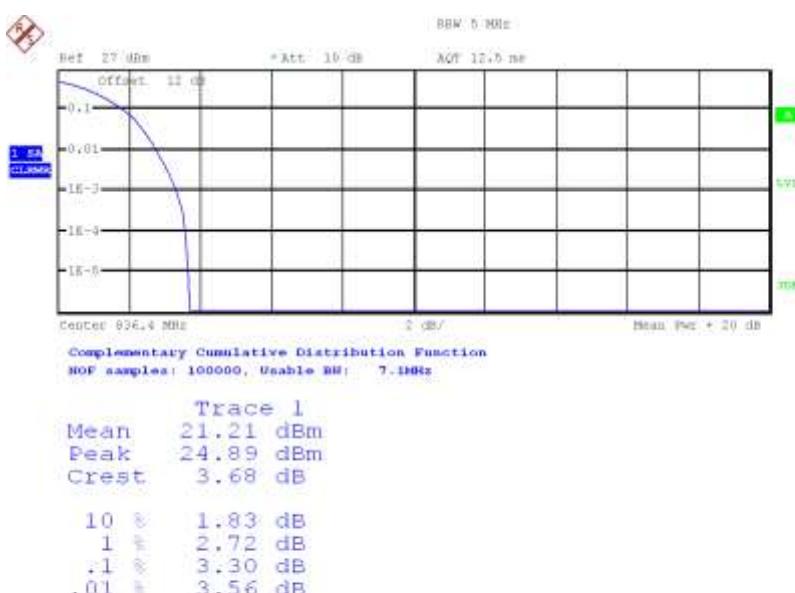
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 10.APR.2019 16:22:33

## WCDMA Band2, 16QAM



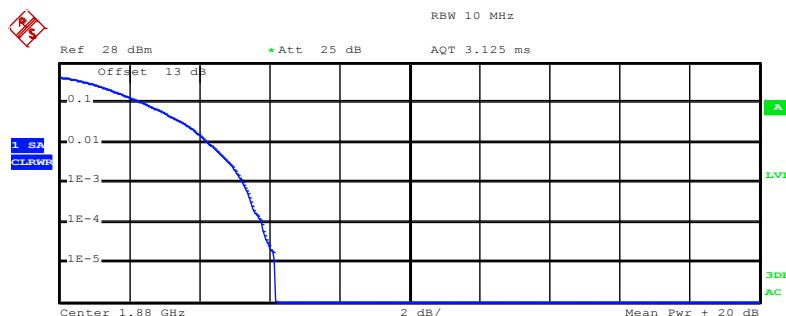
Date: 10.APR.2019 16:22:47

## WCDMA Band5, 16QAM

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
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Report No.:B19W50074-WWAN\_Rev3



Complementary Cumulative Distribution Function (100000 samples)

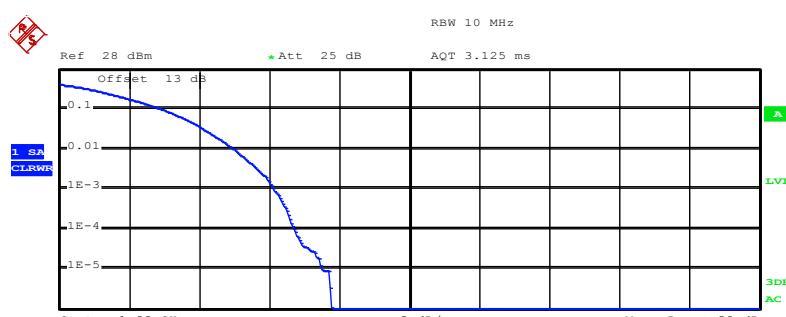
Trace 1

Mean 22.53 dBm  
Peak 28.72 dBm  
Crest 6.19 dB

10 % 2.44 dB  
1 % 4.28 dB  
.1 % 5.28 dB  
.01 % 5.80 dB

Date: 12.MAR.2019 10:02:37

## LTE Band2, QPSK



Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 21.59 dBm  
Peak 29.36 dBm  
Crest 7.77 dB

10 % 3.00 dB  
1 % 5.00 dB  
.1 % 6.16 dB  
.01 % 6.72 dB

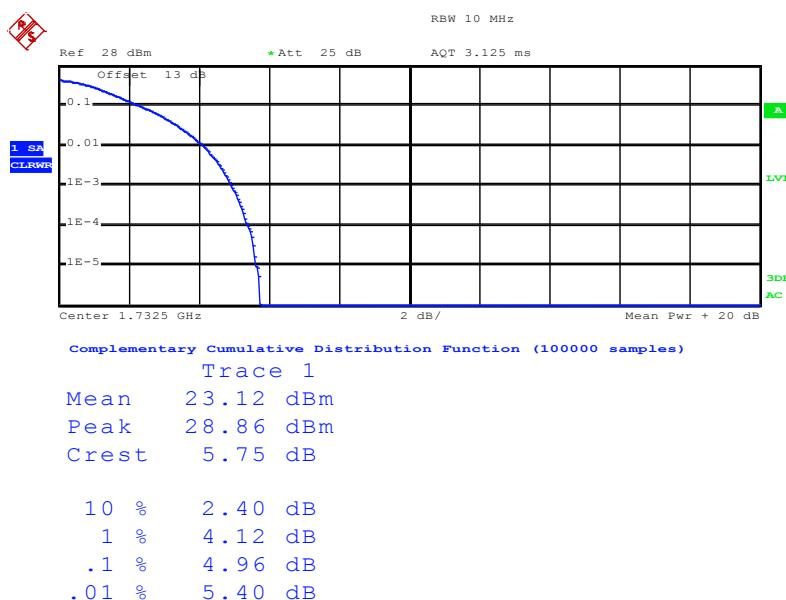
Date: 12.MAR.2019 10:01:41

## LTE Band2, 16QAM

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

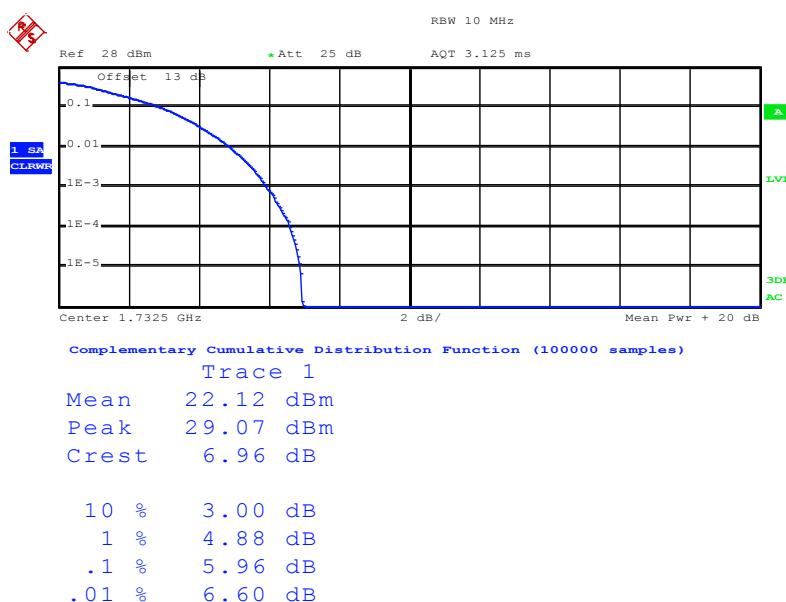
# Chongqing Academy of Information and Communications Technology

## Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 10:03:18

### LTE Band4, QPSK



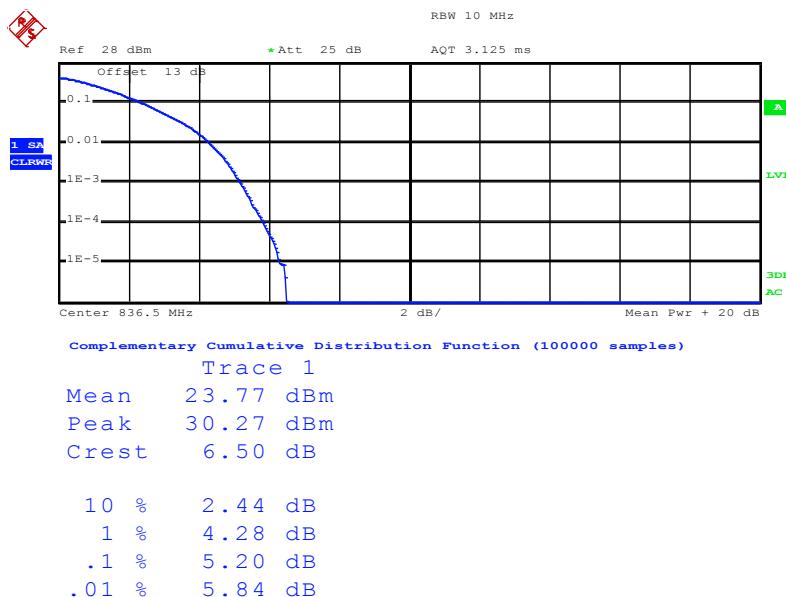
Date: 12.MAR.2019 10:04:09

### LTE Band4, 16QAM

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
Tel: 0086-23-88069965 FAX: 0086-23-88608777

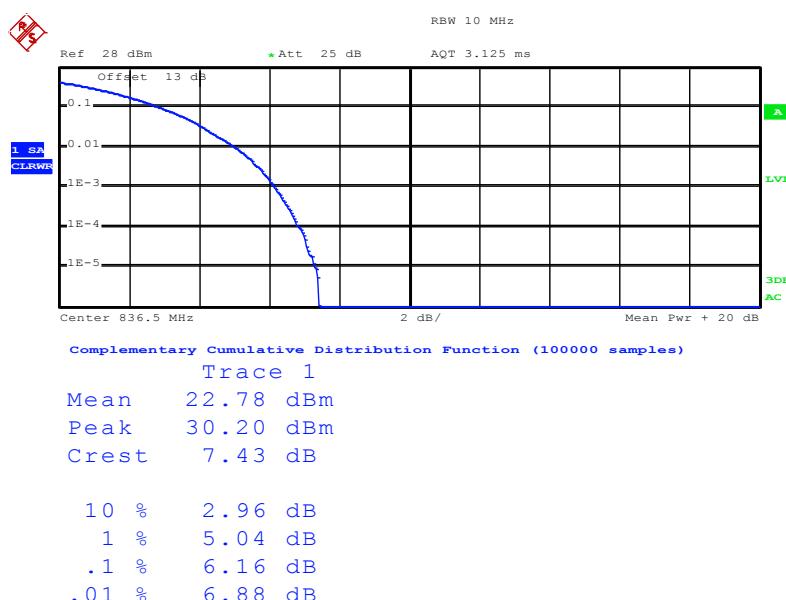
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 10:04:42

## LTE Band5, QPSK



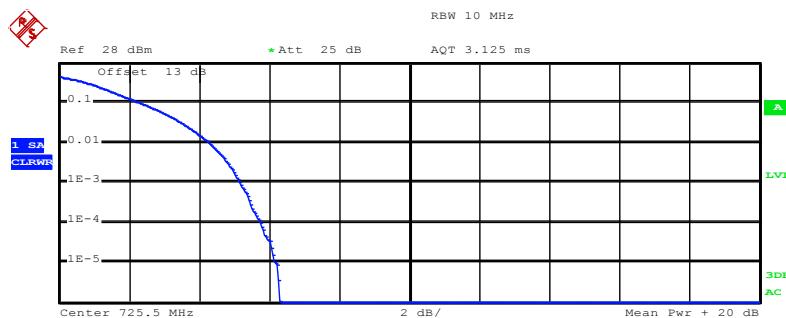
Date: 12.MAR.2019 10:04:52

## LTE Band5, 16QAM

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336  
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Report No.:B19W50074-WWAN\_Rev3



Complementary Cumulative Distribution Function (100000 samples)

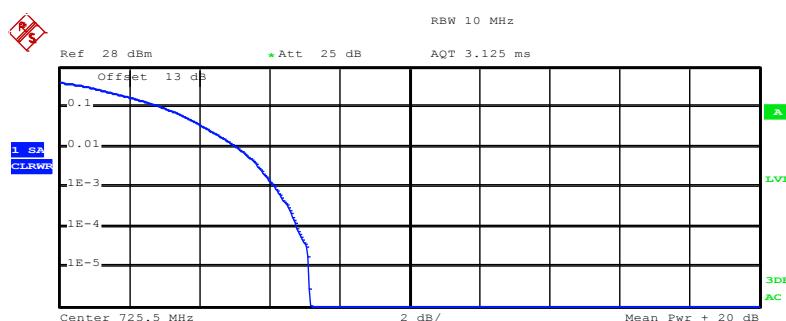
Trace 1

Mean 23.56 dBm  
Peak 29.85 dBm  
Crest 6.29 dB

10 % 2.40 dB  
1 % 4.32 dB  
.1 % 5.16 dB  
.01 % 5.76 dB

Date: 12.MAR.2019 10:05:31

## LTE Band28, QPSK



Complementary Cumulative Distribution Function (100000 samples)

Trace 1

Mean 22.56 dBm  
Peak 29.71 dBm  
Crest 7.15 dB

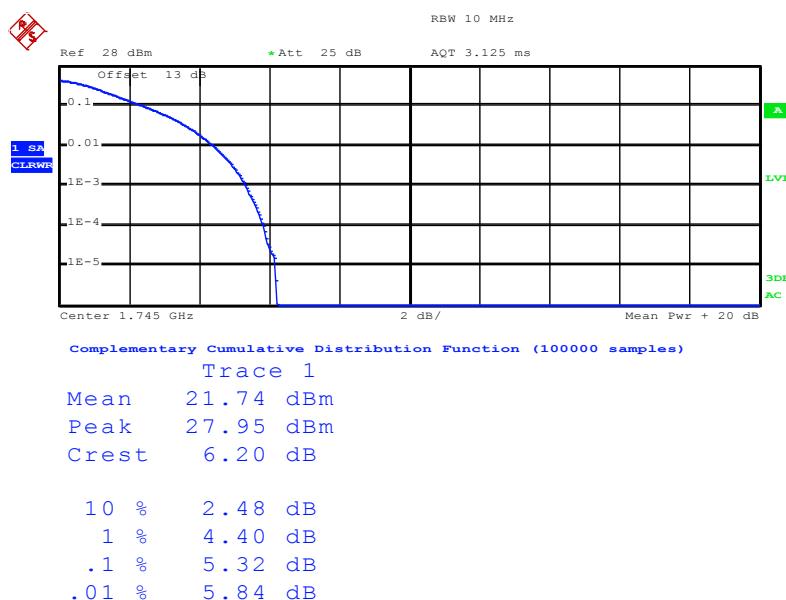
10 % 3.04 dB  
1 % 5.12 dB  
.1 % 6.20 dB  
.01 % 6.80 dB

Date: 12.MAR.2019 10:05:12

## LTE Band28, 16QAM

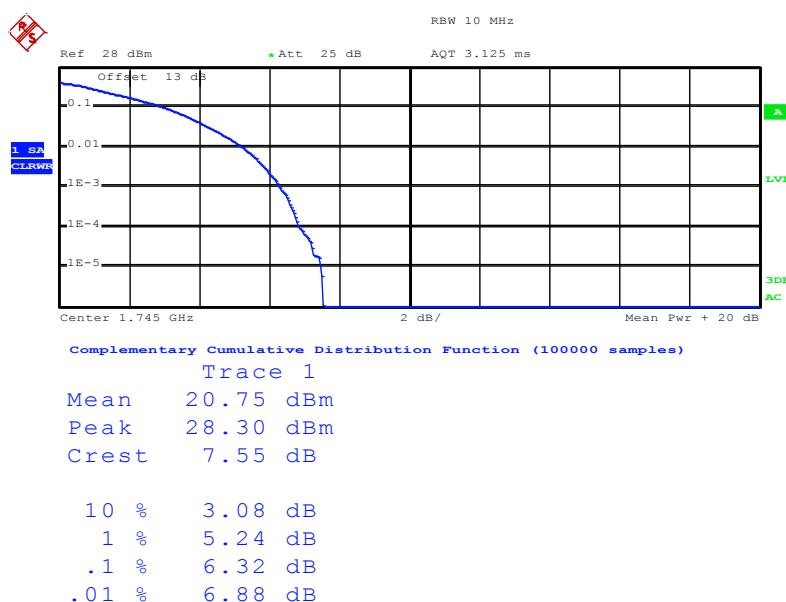
# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3



Date: 12.MAR.2019 10:05:47

## LTE Band66, QPSK



Date: 12.MAR.2019 10:06:00

## LTE Band66, 16QAM

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### **5.9 ERP and EIRP**

<b>Specifications:</b>	FCC Part 22.913(a), 24.232(b)
<b>DUT Serial Number:</b>	868020030259252
<b>Test conditions:</b>	Ambient Temperature:15 °C-35 °C Relative Humidity:30%-60% Air pressure: 86-106kPa
<b>Test Results:</b>	Pass

#### **Limit Level Construction:**

This is the test for the maximum radiated power from the EUT.

**According to Part 24.232(c),** "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(c) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

**According to 22.913(a),** The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

**According to Part 27.50(d),** "Fixed, mobile, and portable (handheld) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP".

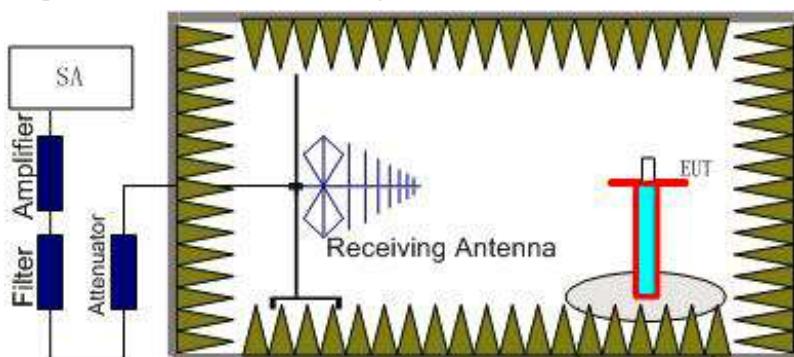
**According to Part 27.50(h)(2)** "Mobile stations are limited to 2.0 watts EIRP.".

**According to Part 27.50(c),** specifies "Portable stations (hand-held devices) are limited to 3 watts ERP.".

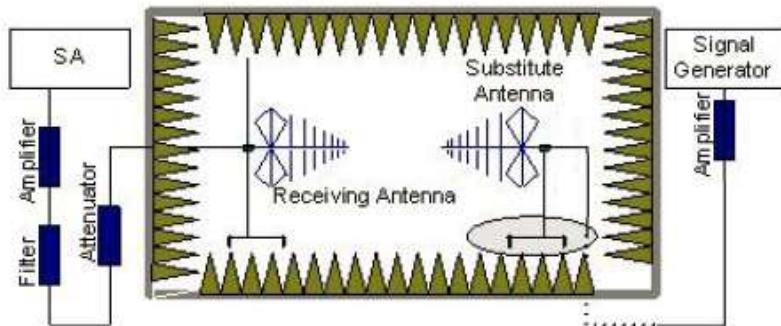
#### **Method of Measurement**

The measurements procedures in TIA-603E-2016 are used.

1. EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.5m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360 ° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. A amplifier should be connected to the Signal Source output port. And the cable should beconnect between the Amplifier and the Substitution Antenna.

The cable loss (Pcl) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.

The measurement results are obtained as described below:

$$\text{Power(EIRP)} = \text{PMea} + \text{PAg} - \text{Pcl} + \text{Ga}$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15dBi) and known input power.

6. ERP can be calculated from EIRP by subtracting the gain of the dipole,

$$\text{ERP} = \text{S.G output(dBM)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$$

$$\text{EIRP} = \text{S.G output(dBM)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$$

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.9.1 GSM 850 Measurement result

### GPRS GMSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
824.2	27.8	3.4	8.0	32.4	V
836.6	28.6	3.4	6.6	31.8	V
848.8	28.4	3.4	7.2	32.2	V

### EGPRS GMSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
824.2	27.9	3.4	8.0	32.5	V
836.6	28.8	3.4	6.6	32.0	V
848.8	28.4	3.4	7.2	32.2	V

### EGPRS 8PSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
824.2	22.0	3.4	8.0	26.6	V
836.6	23.0	3.4	6.6	26.2	V
848.8	22.5	3.4	7.2	26.3	V

## 5.9.2 PCS 1900 Measurement result

### GPRS GMSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.2	26.1	5.0	7.2	28.3	V

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Report No.:B19W50074-WWAN\_Rev3

1880.0	26.3	5.0	7.2	28.5	V
1909.8	27.3	5.1	6.8	29.0	V

## EGPRS GMSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.2	26.2	5.0	7.2	28.4	V
1880.0	25.8	5.0	7.2	28.0	V
1909.8	26.5	5.1	6.8	28.2	V

## EGPRS 8PSK Mode

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.2	22.5	5.0	7.2	24.7	V
1880.0	22.0	5.0	7.2	24.2	V
1909.8	22.8	5.1	6.8	24.5	V

## 5.9.3 WCDMA Band 2 Measurement result

### QPSK Measurement result

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1852.4	20.10	5.0	7.2	22.30	V
1880.0	19.42	5.0	7.2	21.62	V
1907.6	19.18	5.1	6.8	20.88	V

### 16QAM Measurement result

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1852.4	18.43	5.0	7.2	20.63	V

# Chongqing Academy of Information and Communications Technology

## Report No.:B19W50074-WWAN\_Rev3

1880	18.04	5.0	7.2	20.24	V
1907.6	18.89	5.1	6.8	20.59	V

### 5.9.4 WCDMA Band 5 Measurement result

#### QPSK Measurement result

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
826.4	19.64	3.4	7.3	23.54	V
836.4	20.12	3.4	6.6	23.32	V
846.6	19.54	3.4	7.2	23.34	V

#### 16QAM Measurement result

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
826.4	18.91	3.4	7.3	22.81	V
836.4	19.26	3.4	6.6	22.46	V
846.6	18.71	3.4	7.2	22.51	V

### 5.9.5 LTE Band 2 Measurement result

#### LTE Band 2\_1.4 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.7	18.53	5.0	7.2	20.73	V
1880.0	18.42	5.0	7.2	20.62	V
1909.3	18.88	5.1	6.8	20.58	V

#### LTE Band 2\_1.4 MHz\_16QAM

Frequency	Generator	Cable loss	Antenna	Spurious	Antenna

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# Chongqing Academy of Information and Communications Technology

## Report No.:B19W50074-WWAN\_Rev3

[MHz]	output power( $P_g$ ) [dBm]	[dB]	Gain [dB]	Emission Power ( $P_d$ ) [dBm]	Polarization [H/V]
1850.7	18.12	5.0	7.2	20.32	V
1880.0	18.09	5.0	7.2	20.29	V
1909.3	18.66	5.1	6.8	20.36	V

### LTE Band 2\_3 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1851.5	18.40	5.0	7.2	20.60	V
1880.0	18.35	5.0	7.2	20.55	V
1908.5	19.01	5.1	6.8	20.71	V

### LTE Band 2\_3 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1851.5	18.21	5.0	7.2	20.41	V
1880.0	18.10	5.0	7.2	20.30	V
1908.5	18.84	5.1	6.8	20.54	V

### LTE Band 2\_5 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1852.5	18.36	5.0	7.2	20.56	V
1880.0	18.49	5.0	7.2	20.69	V
1907.5	18.87	5.1	6.8	20.57	V

### LTE Band 2\_5 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]

# Chongqing Academy of Information and Communications Technology

## Report No.:B19W50074-WWAN\_Rev3

1852.5	18.19	5.0	7.2	20.39	V
1880.0	18.27	5.0	7.2	20.47	V
1907.5	18.59	5.1	6.8	20.29	V

### LTE Band 2\_10 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1855.0	18.46	5.0	7.2	20.66	V
1880.0	18.49	5.0	7.2	20.69	V
1905.0	18.87	5.1	6.8	20.57	V

### LTE Band 2\_10 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1855.0	18.15	5.0	7.2	20.35	V
1880.0	18.22	5.0	7.2	20.42	V
1905.0	18.59	5.1	6.8	20.29	V

### LTE Band 2\_15 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1857.5	18.43	5.0	7.2	20.63	V
1880.0	18.38	5.0	7.2	20.58	V
1902.5	18.98	5.1	6.8	20.68	V

### LTE Band 2\_15 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1857.5	18.23	5.0	7.2	20.43	V
1880.0	18.10	5.0	7.2	20.30	V

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Report No.:B19W50074-WWAN\_Rev3

1902.5	18.78	5.1	6.8	20.48	V
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## LTE Band 2\_20 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.0	18.32	5.0	7.2	20.52	V
1880.0	18.44	5.0	7.2	20.64	V
1910.0	18.98	5.1	6.8	20.68	V

## LTE Band 2\_20 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1850.0	18.01	5.0	7.2	20.21	V
1880.0	18.17	5.0	7.2	20.37	V
1910.0	18.74	5.1	6.8	20.44	V

## 5.9.6 LTE Band 4 Measurement result

### LTE Band 4\_1.4 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1710.7	18.35	4.8	7.9	21.45	V
1732.5	18.02	4.9	8.1	21.22	V
1754.3	17.40	4.9	8.8	21.30	V

### LTE Band 4\_1.4 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1710.7	17.69	4.8	7.9	20.79	V

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## Report No.:B19W50074-WWAN\_Rev3

1732.5	17.52	4.9	8.1	20.72	V
1754.3	16.75	4.9	8.8	20.65	V

### LTE Band 4\_3 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1711.5	18.24	4.8	7.9	21.34	V
1732.5	17.91	4.8	8.1	21.21	V
1753.5	17.42	4.9	8.8	21.32	V

### LTE Band 4\_3 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1711.5	17.67	4.8	7.9	20.77	V
1732.5	17.33	4.8	8.1	20.63	V
1753.5	16.90	4.9	8.8	20.80	V

### LTE Band 4\_5 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1712.5	18.29	4.8	7.9	21.39	V
1732.5	18.02	4.8	8.1	21.32	V
1752.5	17.39	4.9	8.8	21.29	V

### LTE Band 4\_5 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1712.5	17.63	4.8	7.9	20.73	V
1732.5	17.52	4.8	8.1	20.82	V

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## Report No.:B19W50074-WWAN\_Rev3

1752.5	16.76	4.9	8.8	20.66	V
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### LTE Band 4\_10 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1715.0	18.22	4.8	7.9	21.32	V
1732.5	17.96	4.8	8.1	21.26	V
1750.0	17.83	4.9	8.4	21.33	V

### LTE Band 4\_10 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1715.0	17.67	4.8	7.9	20.77	V
1732.5	17.38	4.8	8.1	20.68	V
1750.0	17.22	4.9	8.4	20.72	V

### LTE Band 4\_15 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1717.5	18.52	4.8	7.9	21.62	V
1732.5	18.18	4.8	8.1	21.48	V
1747.5	18.31	4.9	8.1	21.51	V

### LTE Band 4\_15 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1717.5	17.60	4.8	7.9	20.70	V
1732.5	17.35	4.8	8.1	20.65	V
1747.5	17.64	4.9	8.1	20.84	V

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## LTE Band 4\_20MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1720.0	18.21	4.8	7.9	21.31	V
1732.5	17.99	4.9	8.1	21.19	V
1745.0	18.04	4.9	8.1	21.24	V

## LTE Band 4\_20MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1720.0	17.70	4.8	7.9	20.80	V
1732.5	17.54	4.9	8.1	20.74	V
1745.0	17.59	4.9	8.1	20.79	V

## 5.9.7 LTE Band 5 Measurement result

### LTE Band 5\_1.4 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
824.7	17.52	3.4	7.3	21.42	V
836.5	18.42	3.4	6.6	21.62	V
848.3	17.78	3.4	7.2	21.58	V

### LTE Band 5\_1.4 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
824.7	16.73	3.4	7.3	20.63	V
836.5	17.68	3.4	6.6	20.88	V

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## Report No.:B19W50074-WWAN\_Rev3

848.3	16.79	3.4	7.2	20.59	V
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### LTE Band 5\_3 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
825.5	17.58	3.4	7.3	21.48	V
836.5	18.46	3.4	6.6	21.66	V
847.5	17.73	3.4	7.2	21.53	V

### LTE Band 5\_3 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
825.5	16.81	3.4	7.3	20.71	V
836.5	17.44	3.4	6.6	20.64	V
847.5	16.99	3.4	7.2	20.79	V

### LTE Band 5\_5 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
826.5	17.65	3.4	7.3	21.55	V
836.5	18.26	3.4	6.6	21.46	V
846.5	17.80	3.4	7.2	21.60	V

### LTE Band 5\_5 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
826.5	16.61	3.4	7.3	20.51	V
836.5	17.72	3.4	6.6	20.92	V
846.5	16.97	3.4	7.2	20.77	V

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# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## LTE Band 5\_10MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
829.0	17.49	3.4	7.3	21.39	V
836.4	18.37	3.4	6.6	21.57	V
844.0	18.30	3.4	6.6	21.50	V

## LTE Band 5\_10MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
829.0	16.80	3.4	7.3	20.70	V
836.4	17.71	3.4	6.6	20.91	V
844.0	17.63	3.4	6.6	20.83	V

## 5.9.8 LTE Band 28 Measurement result

### LTE Band 28\_3 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
704.5	14.49	3.1	9.1	20.49	V
725.5	14.70	3.1	9.0	20.60	V
746.5	15.20	3.2	8.5	20.50	V

### LTE Band 28\_3 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
704.5	14.33	3.1	9.1	20.33	V
725.5	14.36	3.1	9.0	20.26	V

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

746.5	15.04	3.2	8.5	20.34	V
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## LTE Band 28\_5 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
705.5	14.52	3.1	9.1	20.52	V
725.5	14.57	3.1	9.0	20.47	V
745.5	15.20	3.2	8.5	20.50	V

## LTE Band 28\_5 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
705.5	14.39	3.1	9.1	20.39	V
725.5	14.52	3.1	9.0	20.42	V
745.5	14.99	3.2	8.5	20.29	V

## LTE Band 28\_10 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
708.0	14.44	3.1	9.1	20.44	V
725.5	14.70	3.1	9.0	20.60	V
743.0	15.22	3.2	8.5	20.52	V

## LTE Band 28\_10 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
708.0	14.19	3.1	9.1	20.19	V
725.5	14.35	3.1	9.0	20.25	V
743.0	15.08	3.2	8.5	20.38	V

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## LTE Band 28\_15 MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
710.5	14.40	3.1	9.1	20.40	V
725.5	14.50	3.1	9.0	20.40	V
740.5	15.25	3.2	8.5	20.55	V

## LTE Band 28\_15 MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
710.5	14.31	3.1	9.1	20.31	V
725.5	14.38	3.1	9.0	20.28	V
740.5	15.07	3.2	8.5	20.37	V

## LTE Band 28\_20MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
713.5	14.43	3.1	9.1	20.43	V
725.5	14.51	3.1	9.1	20.51	V
737.9	14.86	3.2	8.8	20.46	V

## LTE Band 28\_20MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
713.5	14.27	3.1	9.1	20.27	V
725.5	14.22	3.1	9.1	20.22	V
737.9	14.74	3.2	8.8	20.34	V

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## 5.9.9 LTE Band 66 Measurement result

### LTE Band 66\_1.4MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1710.7	17.76	4.8	7.9	20.86	V
1745.0	16.62	4.9	8.8	20.52	V
1779.3	16.59	4.9	8.8	20.49	V

### LTE Band 66\_1.4MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1710.7	17.32	4.8	7.9	20.42	V
1745.0	16.43	4.9	8.8	20.33	V
1779.3	16.27	4.9	8.8	20.17	V

### LTE Band 66\_3MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1711.5	17.65	4.8	7.9	20.75	V
1745.0	16.59	4.9	8.8	20.49	V
1778.5	17.68	4.9	7.8	20.58	V

### LTE Band 66\_3MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1711.5	17.29	4.8	7.9	20.39	V
1745.0	16.32	4.9	8.8	20.22	V

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## Report No.:B19W50074-WWAN\_Rev3

1778.5	16.40	4.9	8.8	20.30	V
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### LTE Band 66\_5MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1712.5	17.73	4.8	7.9	20.83	V
1745.0	16.55	4.9	8.8	20.45	V
1777.5	16.77	4.9	8.8	20.67	V

### LTE Band 66\_5MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1712.5	17.45	4.8	7.9	20.55	V
1745.0	16.39	4.9	8.8	20.29	V
1777.5	16.44	4.9	8.8	20.34	V

### LTE Band 66\_10MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1715.0	17.78	4.8	7.9	20.88	V
1745.0	16.59	4.9	8.8	20.49	V
1775.0	16.76	4.9	8.8	20.66	V

### LTE Band 66\_10MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1715.0	17.43	4.8	7.9	20.53	V
1745.0	16.46	4.9	8.8	20.36	V
1775.0	16.32	4.9	8.8	20.22	V

# Chongqing Academy of Information and Communications Technology

Report No.:B19W50074-WWAN\_Rev3

## LTE Band 66\_15MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1717.5	17.61	4.8	7.9	20.71	V
1745.0	16.63	4.9	8.8	20.53	V
1772.5	16.76	4.9	8.8	20.66	V

## LTE Band 66\_15MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1717.5	17.50	4.8	7.9	20.60	V
1745.0	16.33	4.9	8.8	20.23	V
1772.5	16.42	4.9	8.8	20.32	V

## LTE Band 66\_20MHz\_QPSK

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1720.0	17.70	4.8	7.9	20.80	V
1745.0	17.24	4.9	8.1	20.44	V
1769.0	16.69	4.9	8.8	20.59	V

## LTE Band 66\_20MHz\_16QAM

Frequency [MHz]	Generator output power( $P_g$ ) [dBm]	Cable loss [dB]	Antenna Gain [dB]	Spurious Emission Power ( $P_d$ ) [dBm]	Antenna Polarization [H/V]
1720.0	17.41	4.8	7.9	20.51	V
1745.0	17.10	4.9	8.1	20.30	V
1769.0	16.21	4.9	8.8	20.11	V

# **Chongqing Academy of Information and Communications Technology**

**Report No.:B19W50074-WWAN\_Rev3**

## **Annex A EUT Photos**

See the document " SIM7600SA-H,SIM7600SA-H miniPCIE -External Photos".  
See the document " SIM7600SA-H,SIM7600SA-H miniPCIE -Internal Photos".

# **Chongqing Academy of Information and Communications Technology**

**Report No.:B19W50074-WWAN\_Rev3**

## **ANNEX B Deviations from Prescribed Test Methods**

No deviation from Prescribed Test Methods.

**\*\*\*End Of Report\*\*\***