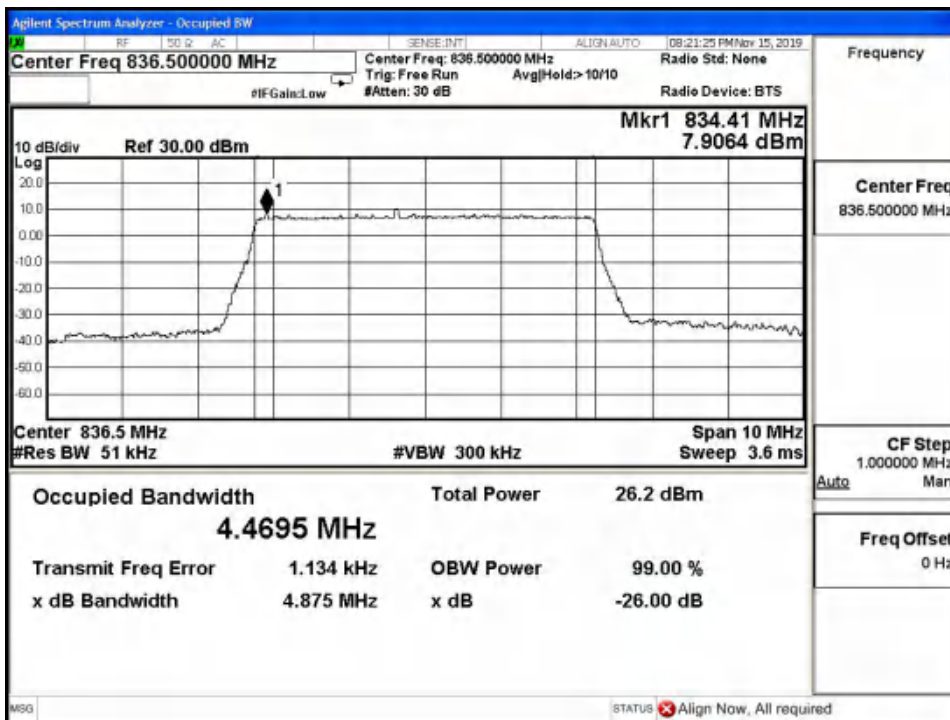
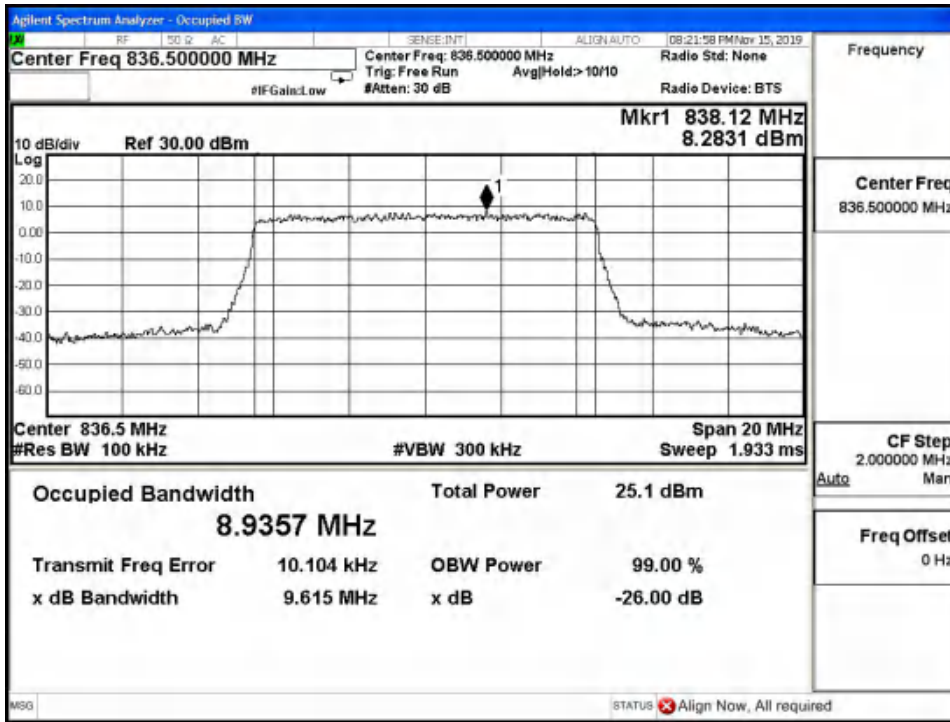


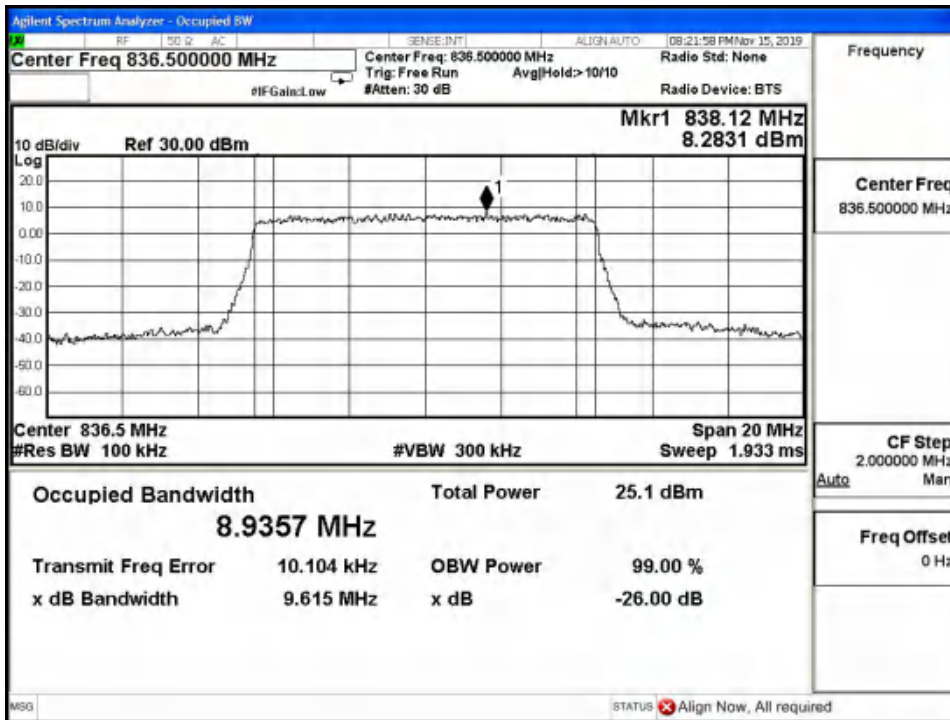
LTE Band26 16QAM 99% Channel 26915 BW=5MHz RB=25 RB Offset=0



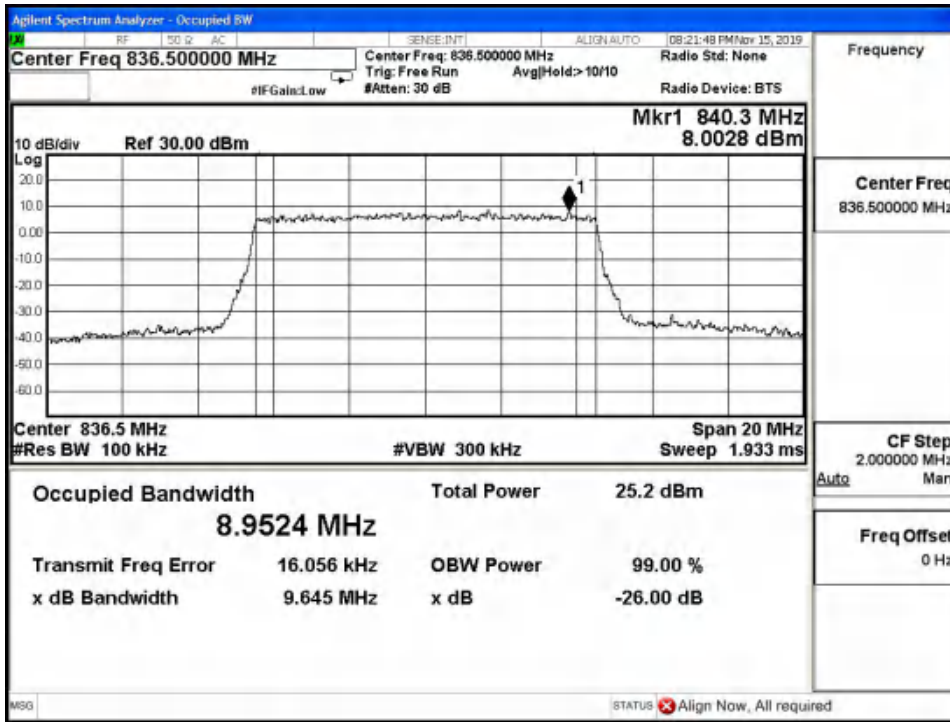
LTE Band26 16QAM -26dBc Channel 26915 BW=5MHz RB=25 RB Offset=0



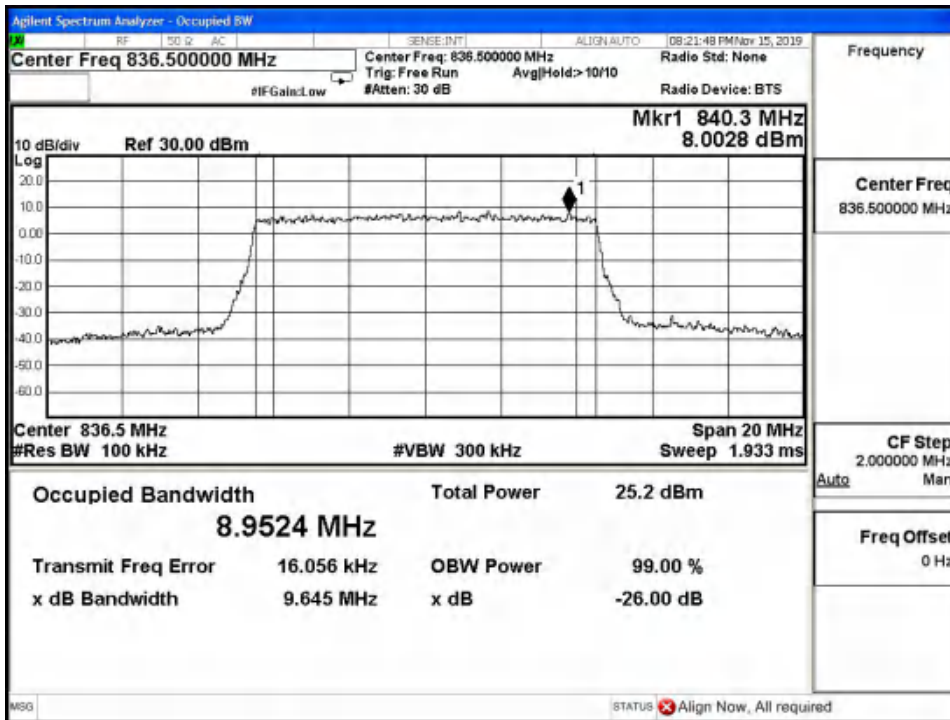
LTE Band26 QPSK 99% Channel 26915 BW=10MHz RB=50 RB Offset=0



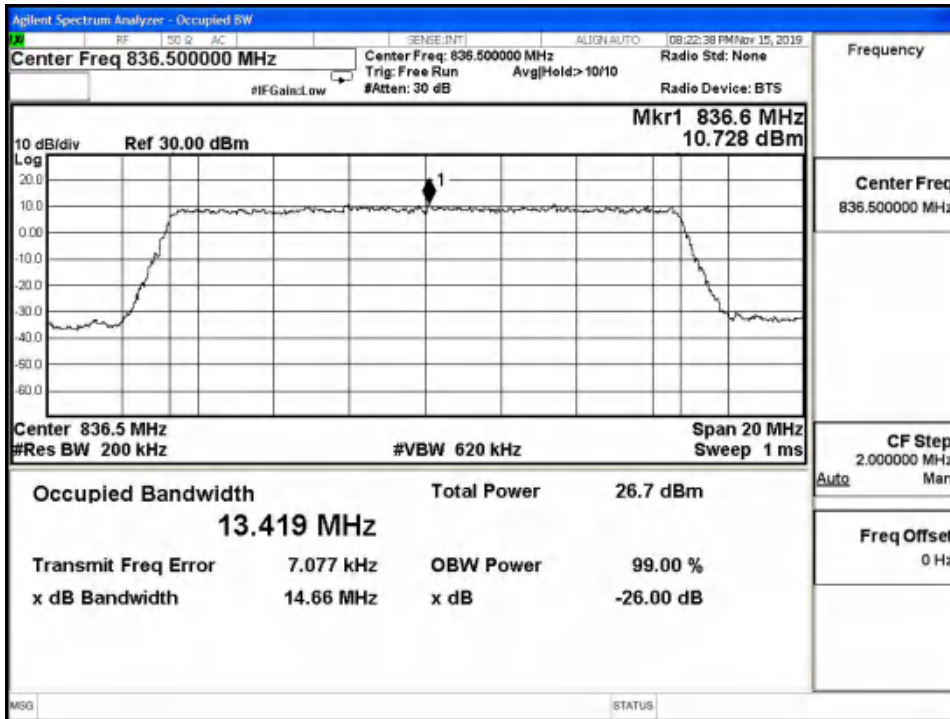
LTE Band26 QPSK -26dBc Channel 26915 BW=10MHz RB=50 RB Offset=0



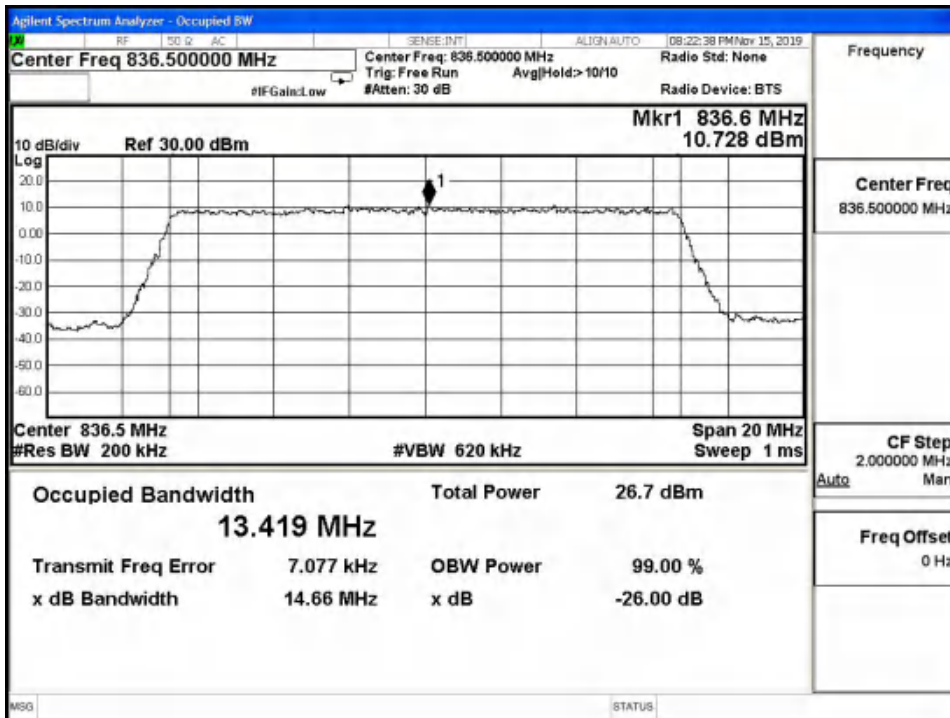
LTE Band26 16QAM 99% Channel 26915 BW=10MHz RB=50 RB Offset=0



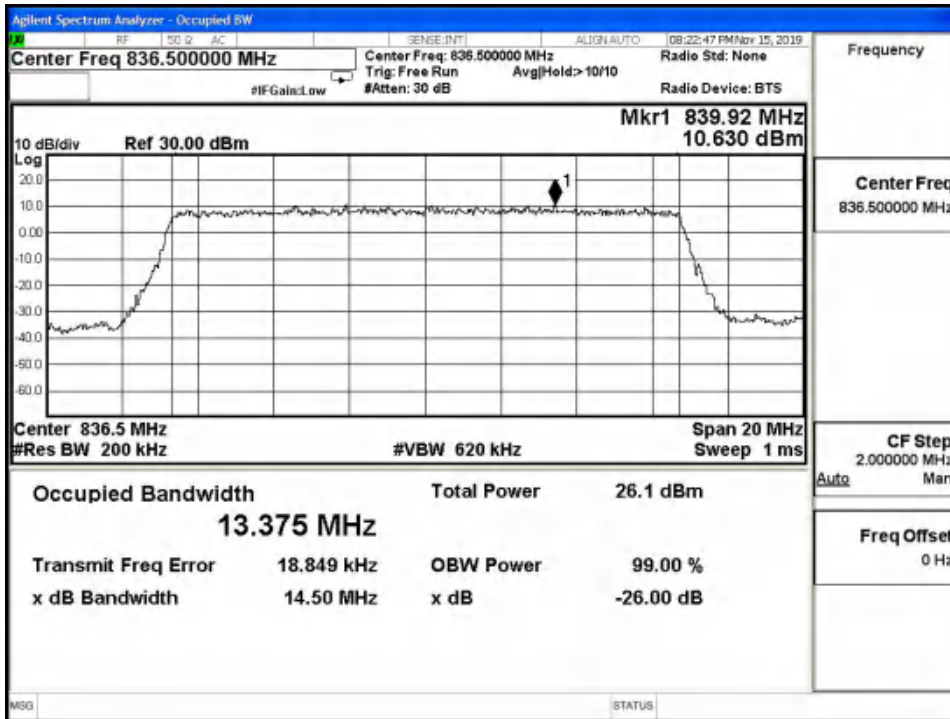
LTE Band26 16QAM -26dBc Channel 26915 BW=10MHz RB=50 RB Offset=0



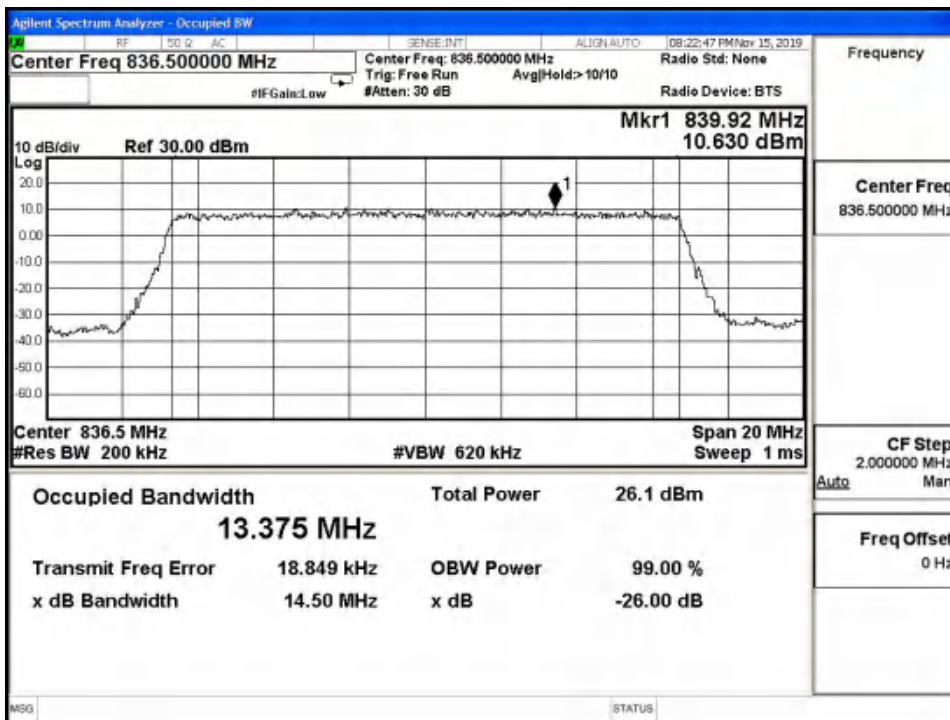
LTE Band26 QPSK 99% Channel 26915 BW=15MHz RB=75 RB Offset=0



LTE Band26 QPSK -26dBc Channel 26915 BW=15MHz RB=75 RB Offset=0

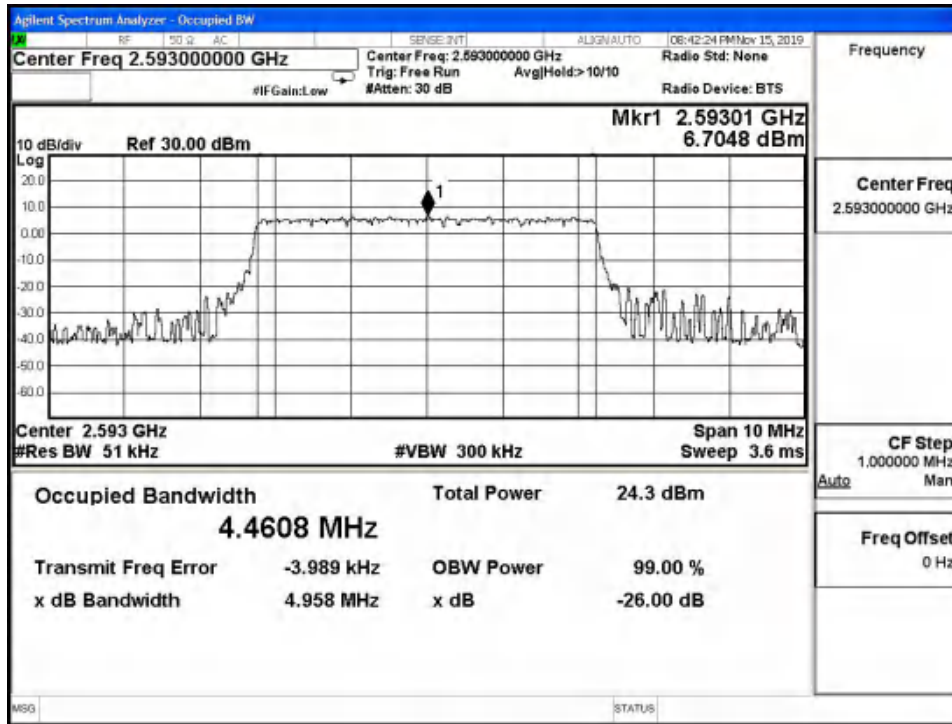


LTE Band26 16QAM 99% Channel 26915 BW=15MHz RB=75 RB Offset=0

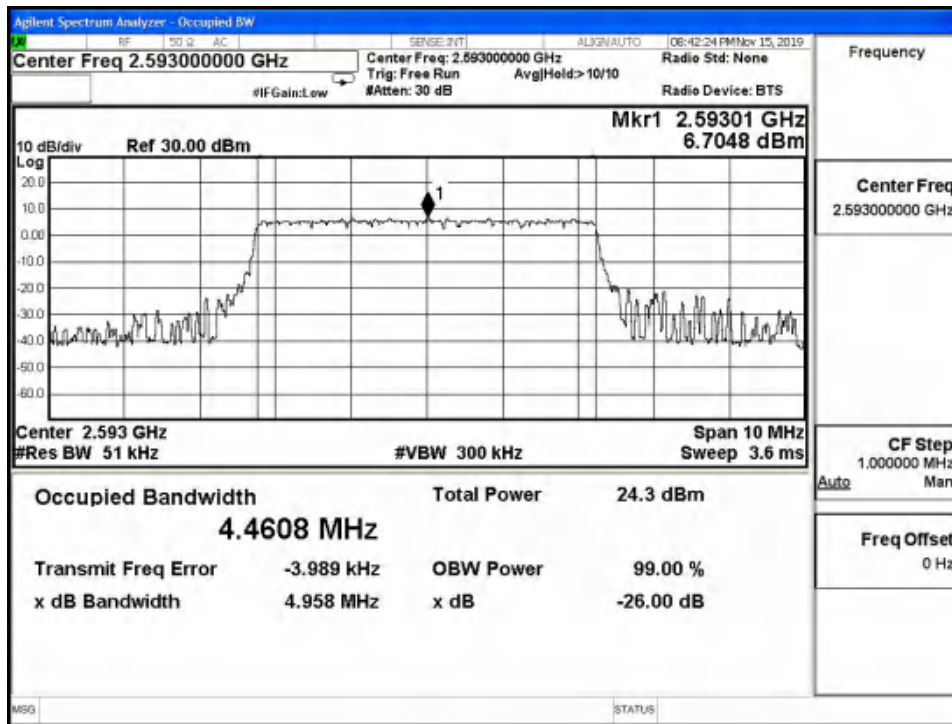


LTE Band26 16QAM -26dBc Channel 26915 BW=15MHz RB=75 RB Offset=0

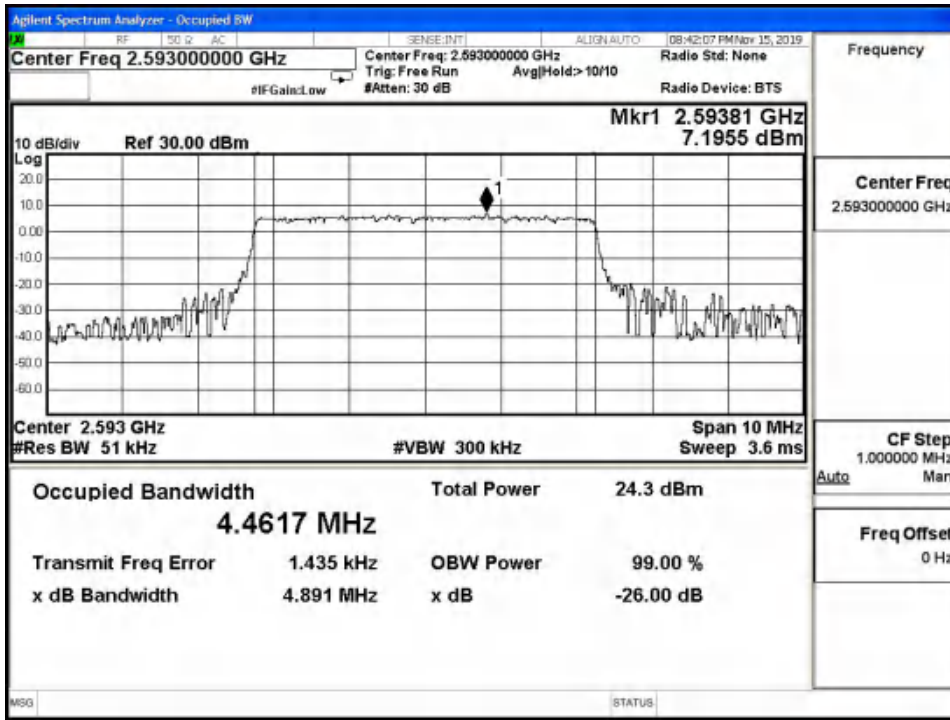
Graphical results for LTE B41:



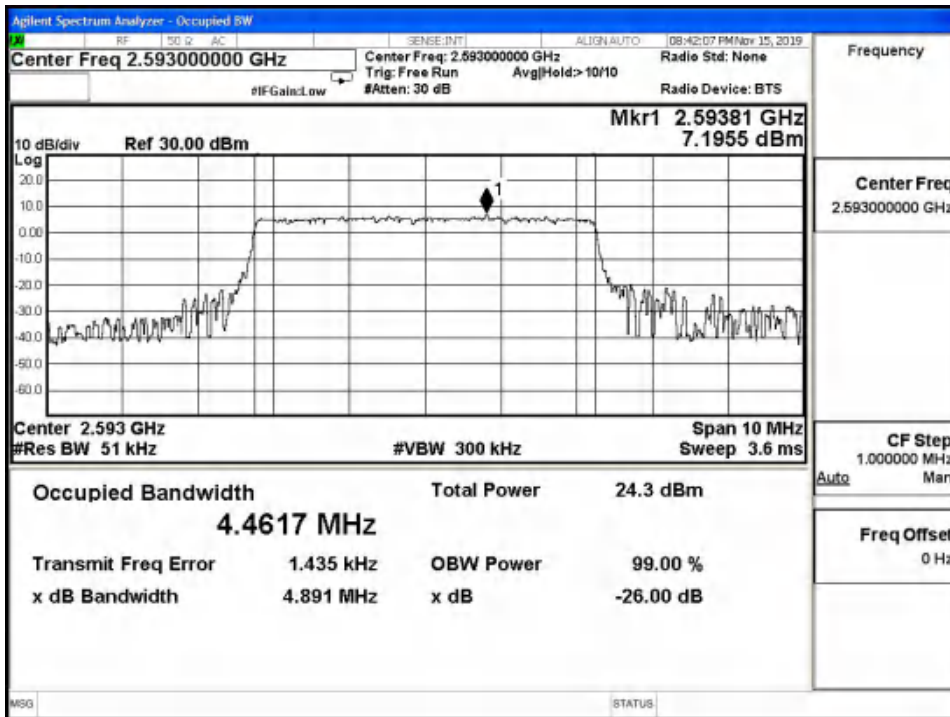
LTE Band41 QPSK 99% Channel 40620 BW=5MHz RB=25 RB Offset=0



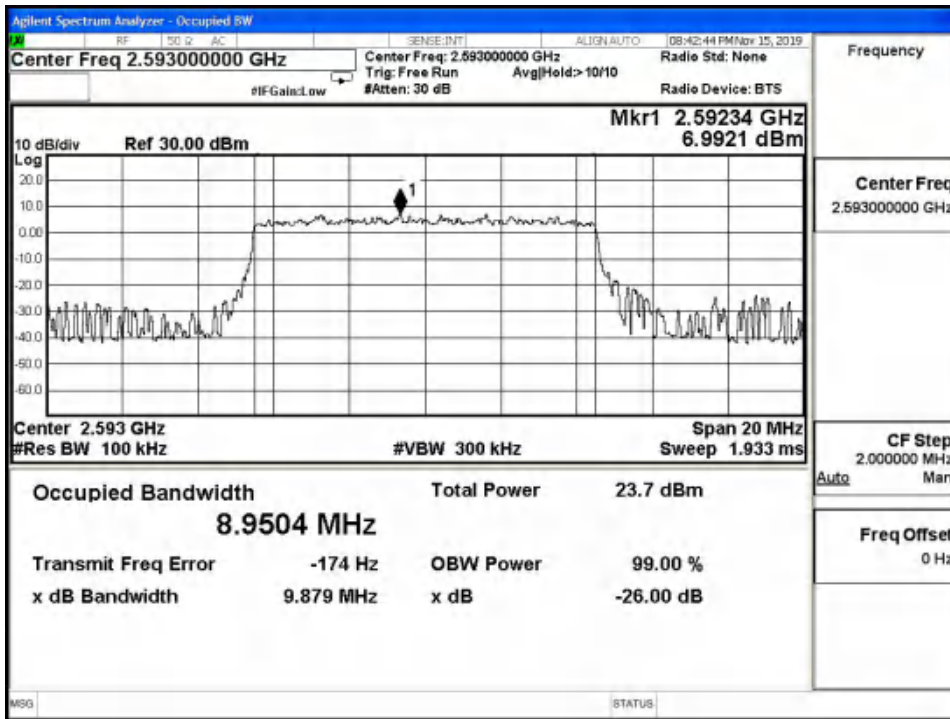
LTE Band41 QPSK -26dBc Channel 40620 BW=5MHz RB=25 RB Offset=0



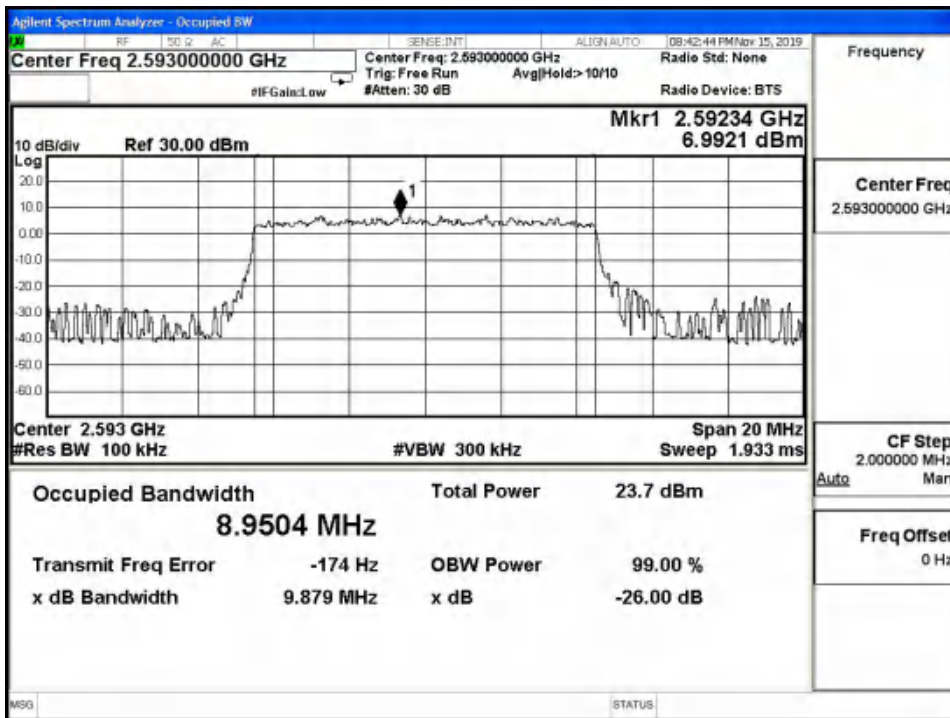
LTE Band41 16QAM 99% Channel 40620 BW=5MHz RB=25 RB Offset=0



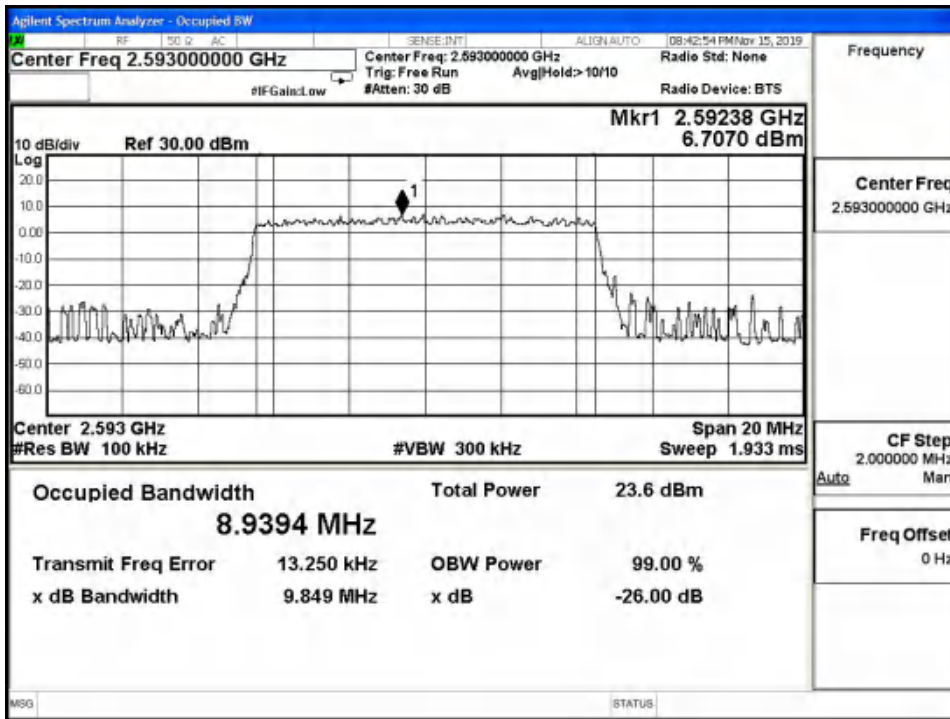
LTE Band41 16QAM -26dBc Channel 40620 BW=5MHz RB=25 RB Offset=0



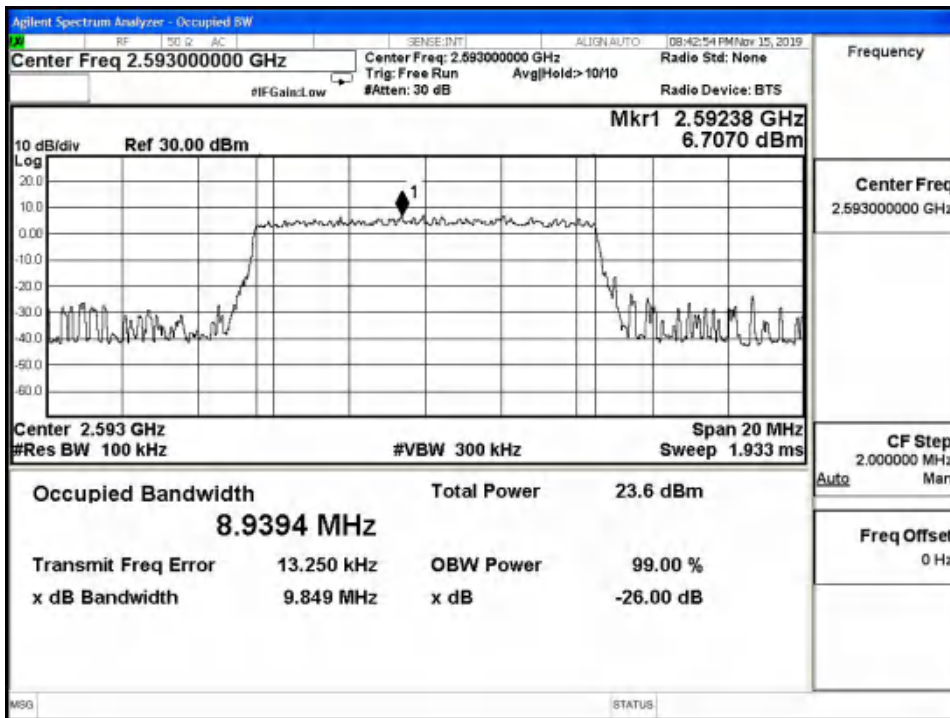
LTE Band41 QPSK 99% Channel 40620 BW=10MHz RB=50 RB Offset=0



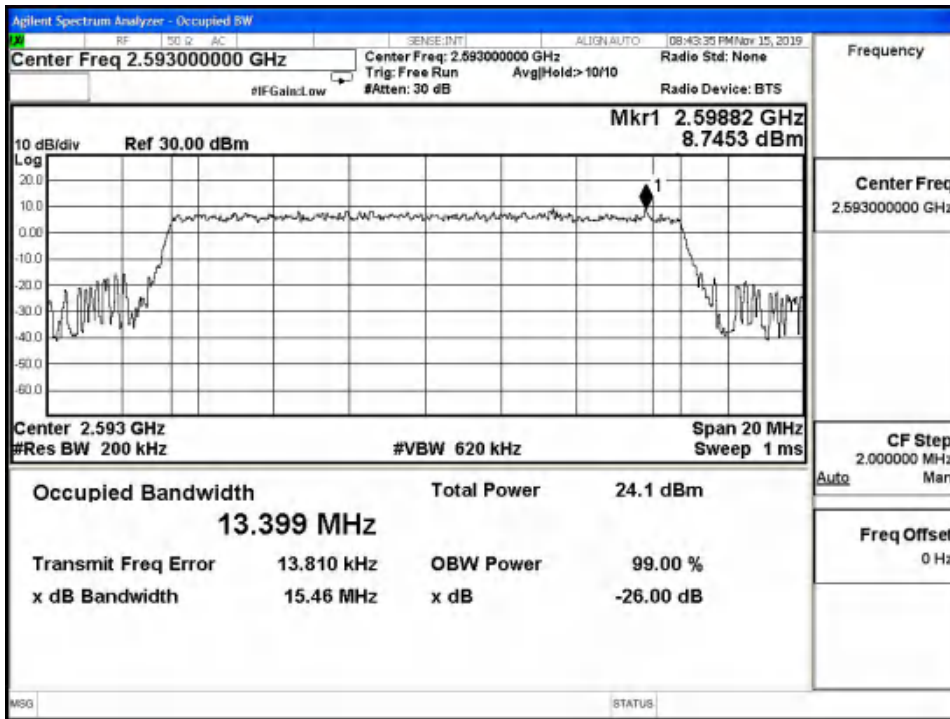
LTE Band41 QPSK -26dBc Channel 40620 BW=10MHz RB=50 RB Offset=0



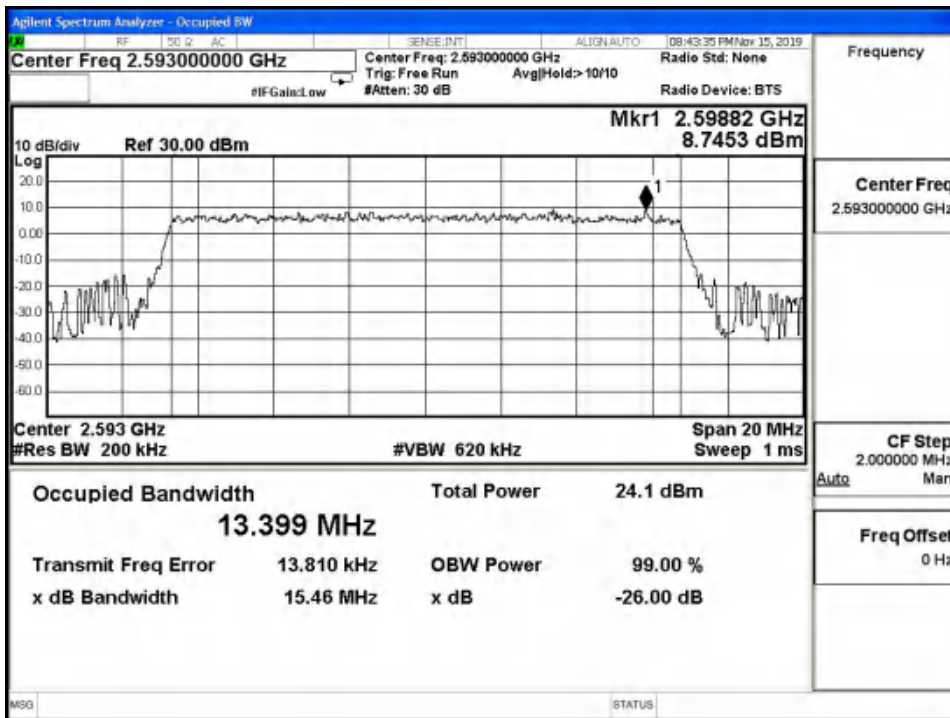
LTE Band41 16QAM 99% Channel 40620 BW=10MHz RB=50 RB Offset=0



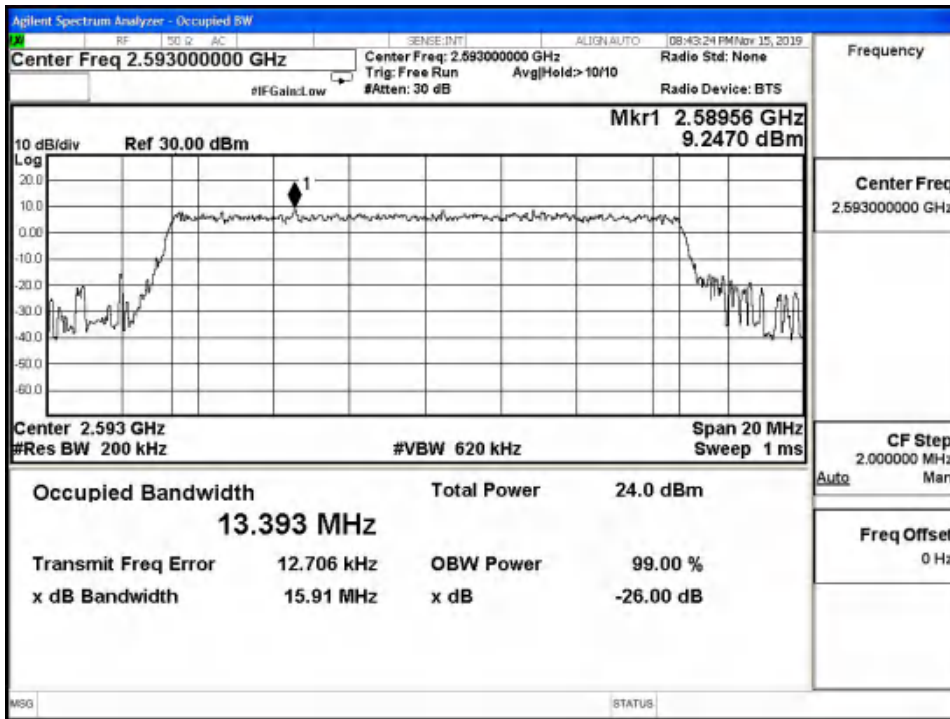
LTE Band41 16QAM -26dBc Channel 40620 BW=10MHz RB=50 RB Offset=0



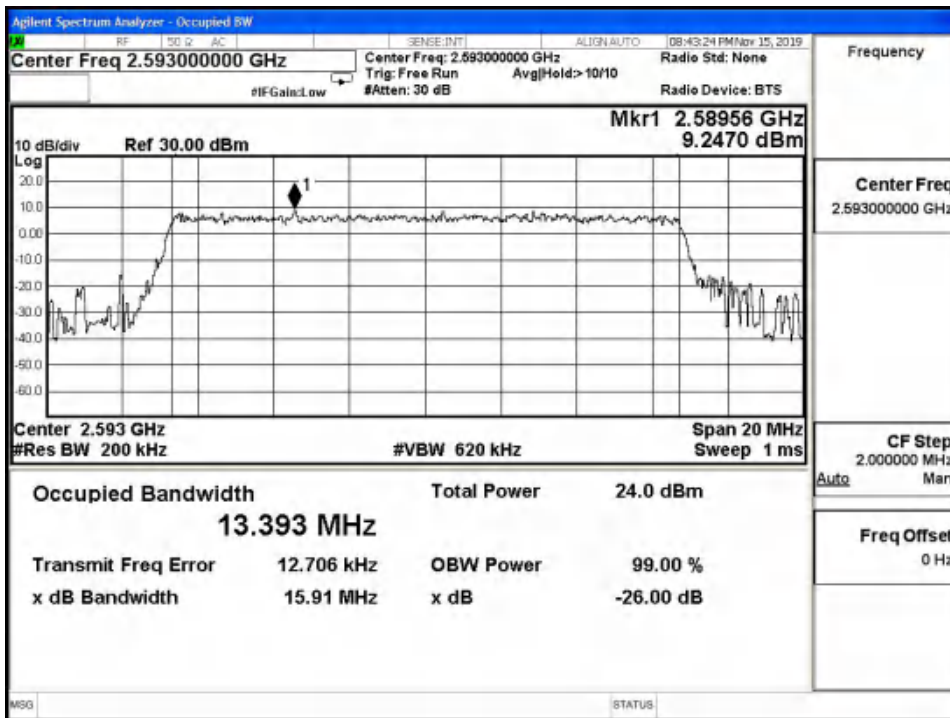
LTE Band41 QPSK 99% Channel 40620 BW=15MHz RB=75 RB Offset=0



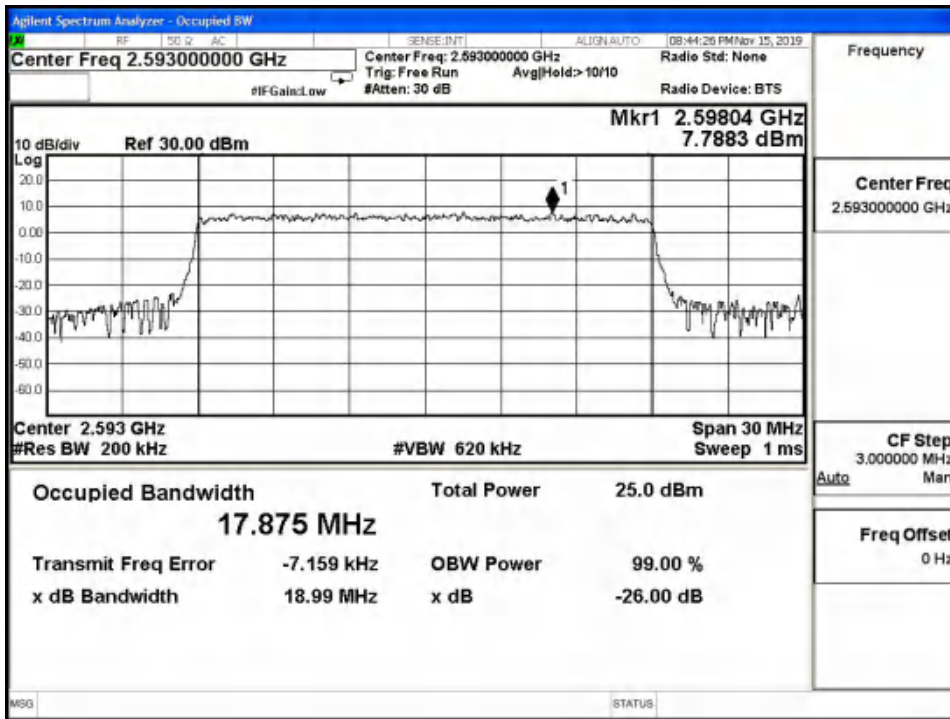
LTE Band41 QPSK -26dBc Channel 40620 BW=15MHz RB=75 RB Offset=0



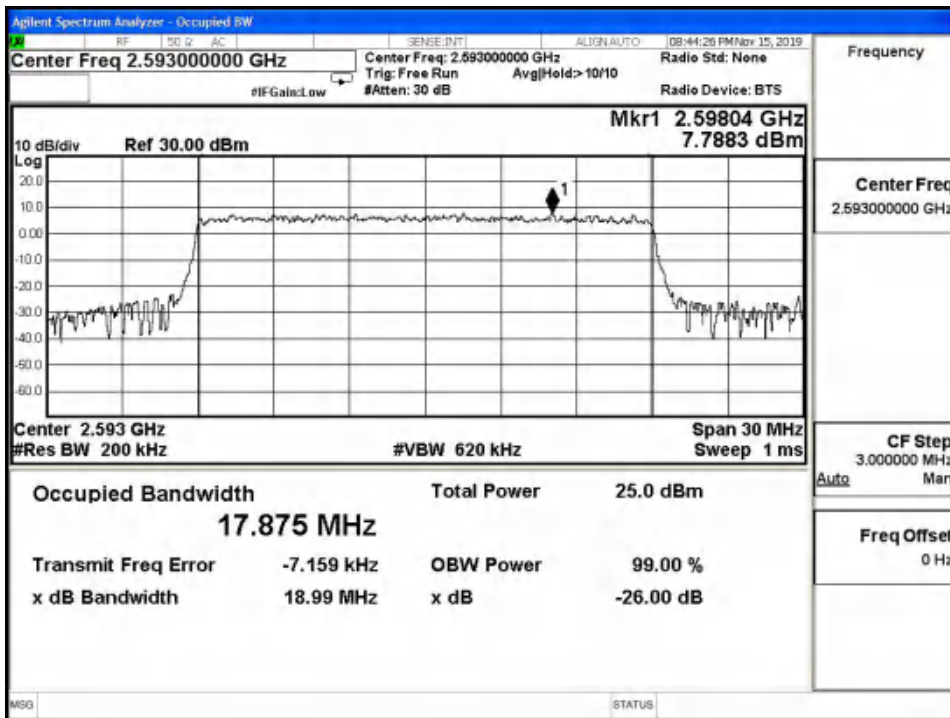
LTE Band41 16QAM 99% Channel 40620 BW=15MHz RB=75 RB Offset=0



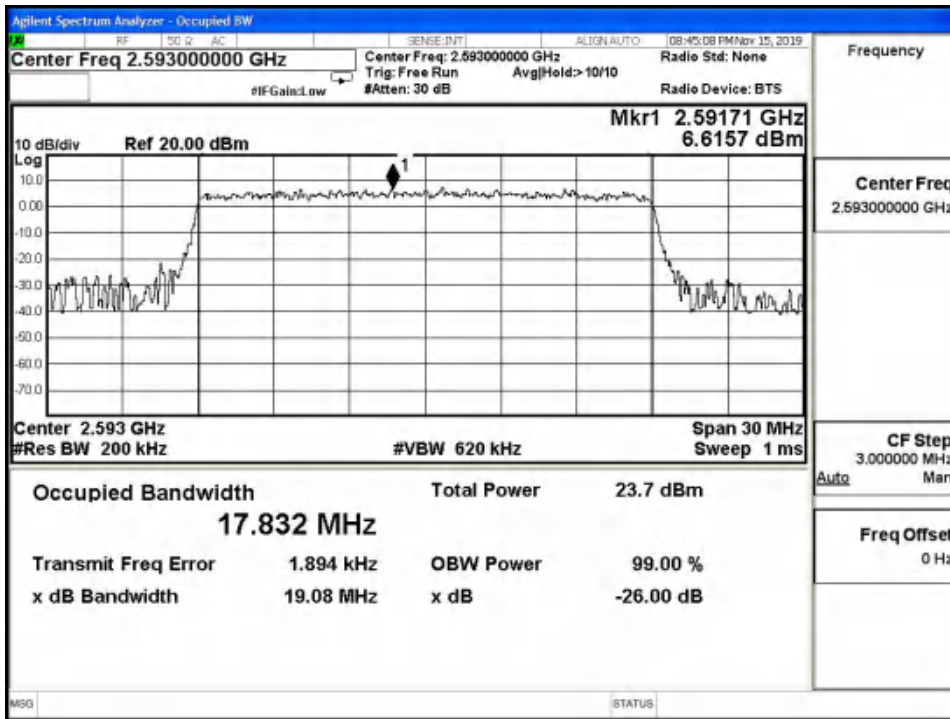
LTE Band41 16QAM -26dBc Channel 40620 BW=15MHz RB=75 RB Offset=0



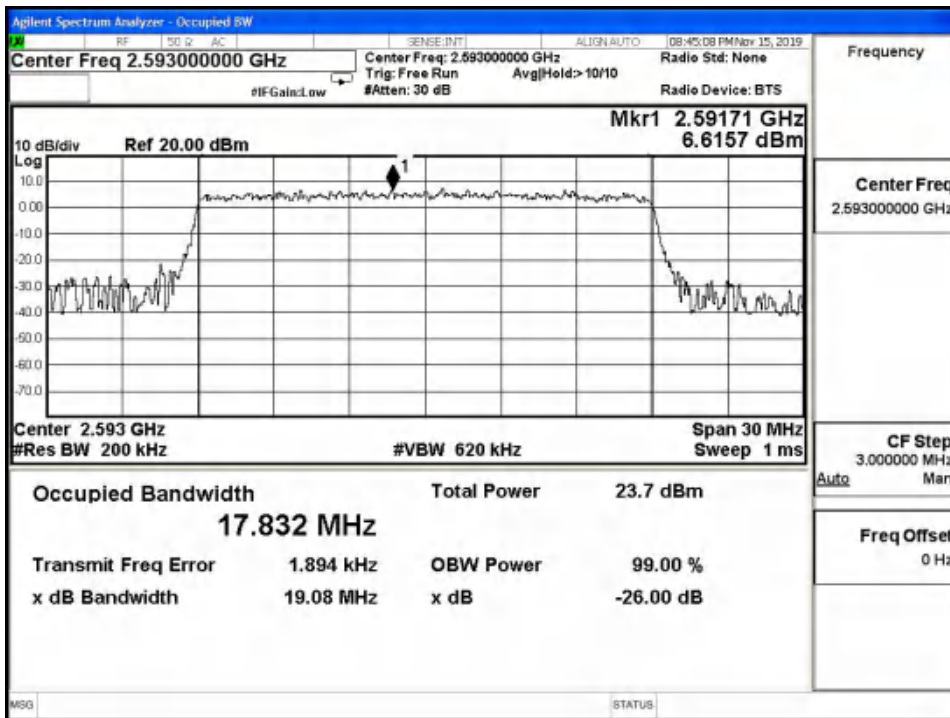
LTE Band41 QPSK 99% Channel 40620 BW=20MHz RB=100 RB Offset=0



LTE Band41 QPSK -26dBc Channel 40620 BW=20MHz RB=100 RB Offset=0

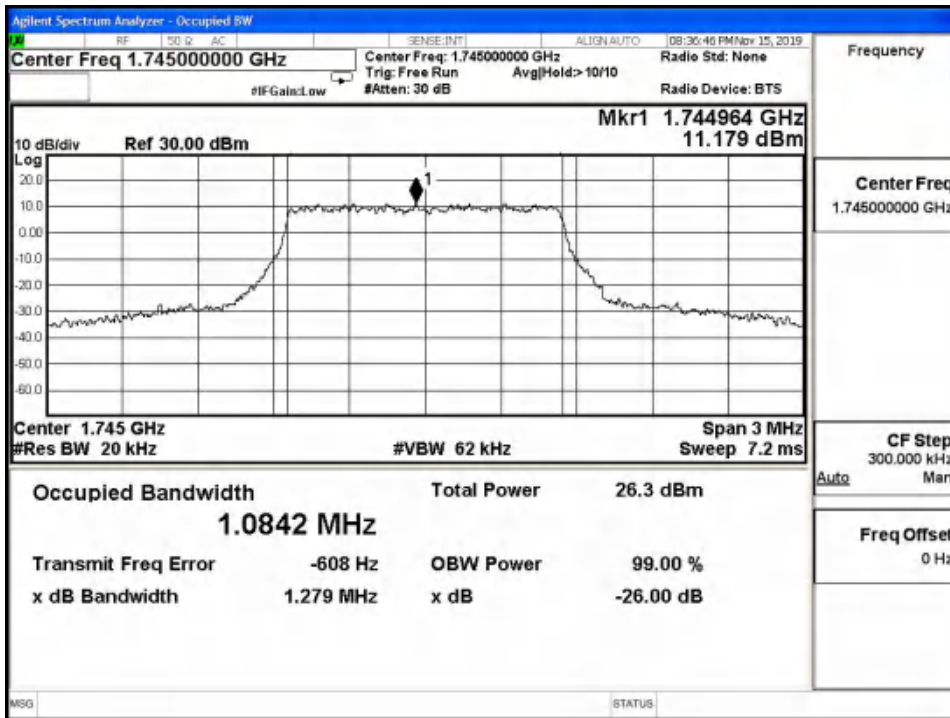


LTE Band41 16QAM 99% Channel 40620 BW=20MHz RB=100 RB Offset=0

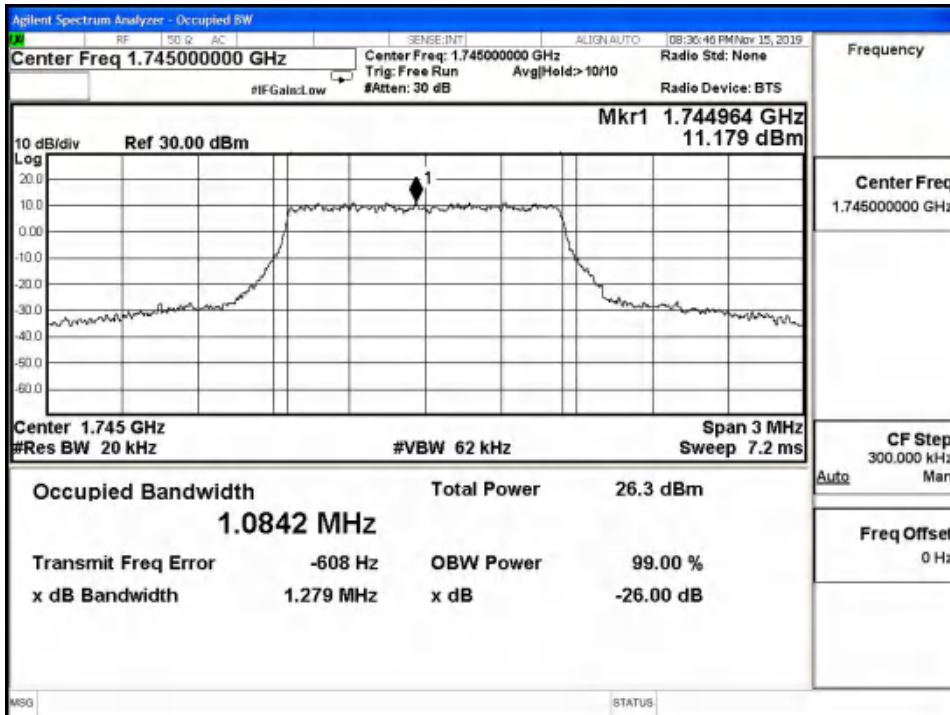


LTE Band41 16QAM -26dBc Channel 40620 BW=20MHz RB=100 RB Offset=0

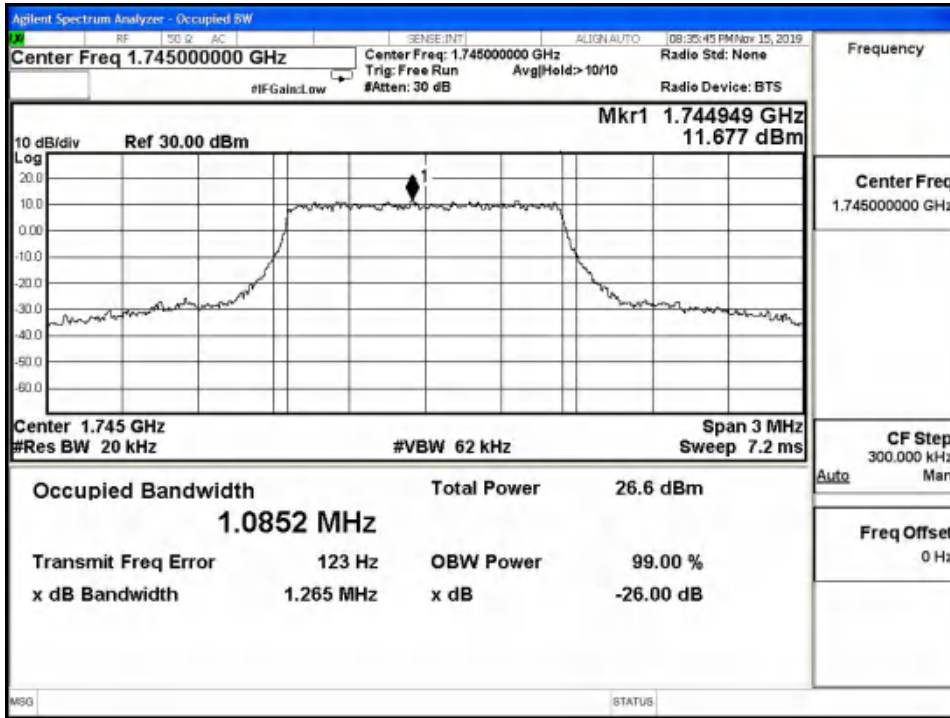
Graphical results for LTE B66:



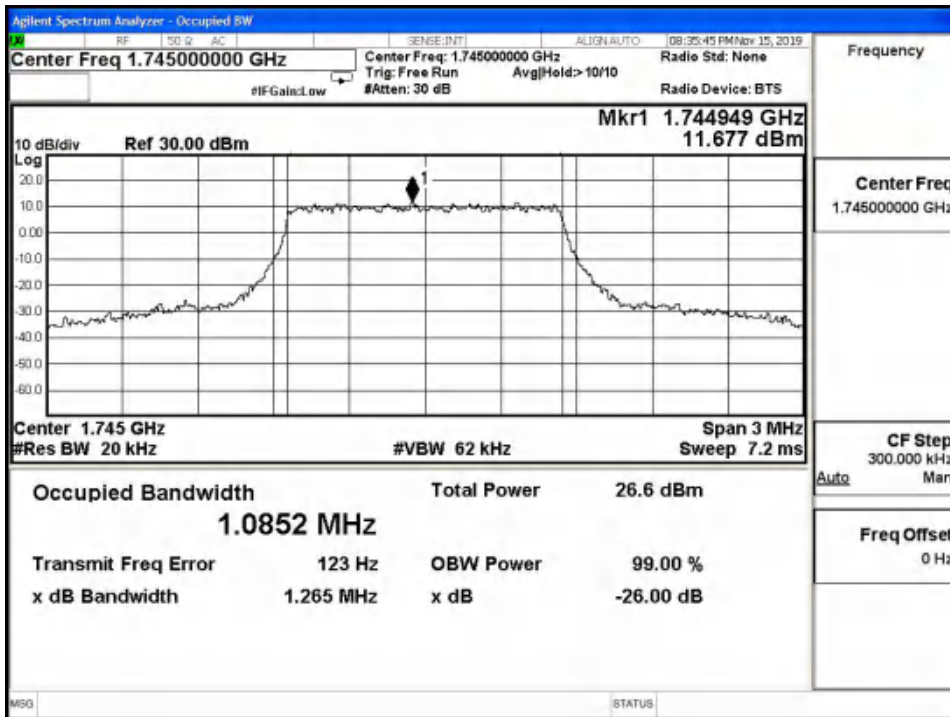
LTE Band66 QPSK 99% Channel 132322 BW=1.4MHz RB=6 RB Offset=0



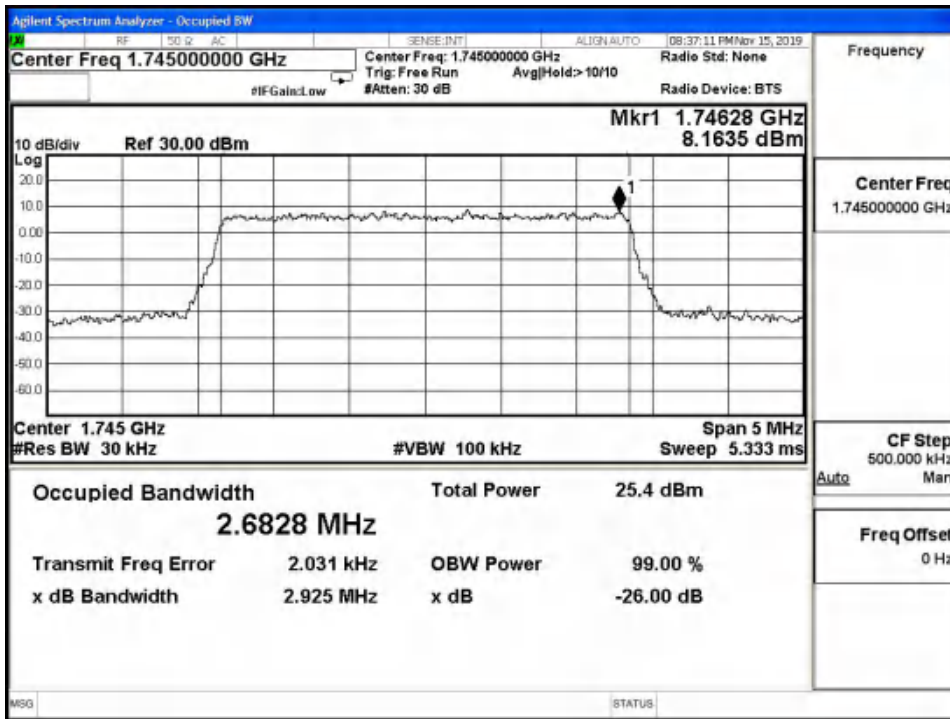
LTE Band66 QPSK -26dBc Channel 132322 BW=1.4MHz RB=6 RB Offset=0



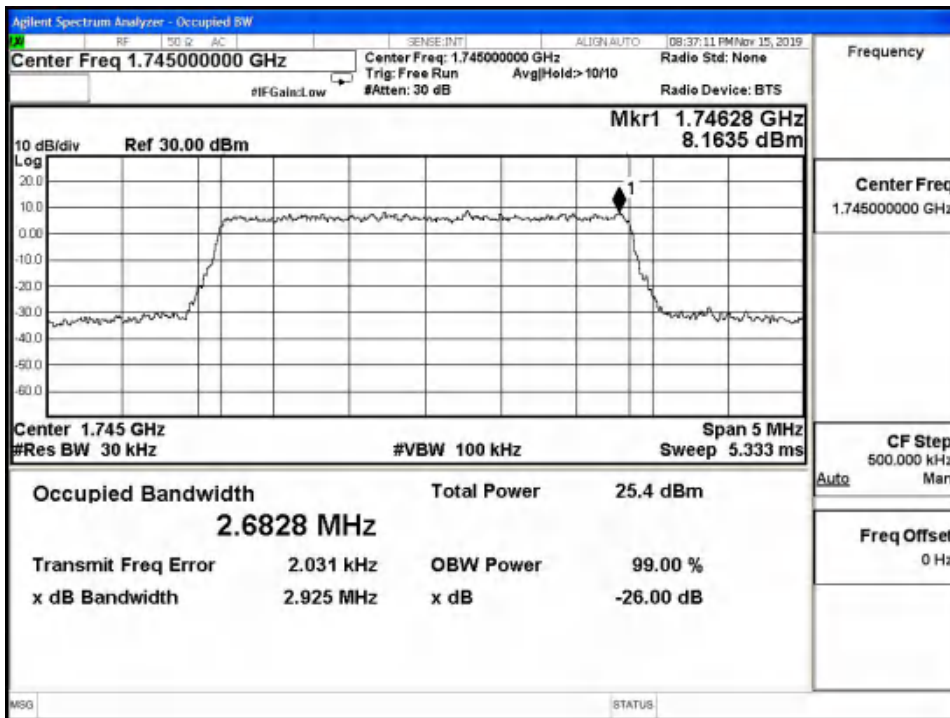
LTE Band66 16QAM 99% Channel 26365 BW=1.4MHz RB=6 RB Offset=0



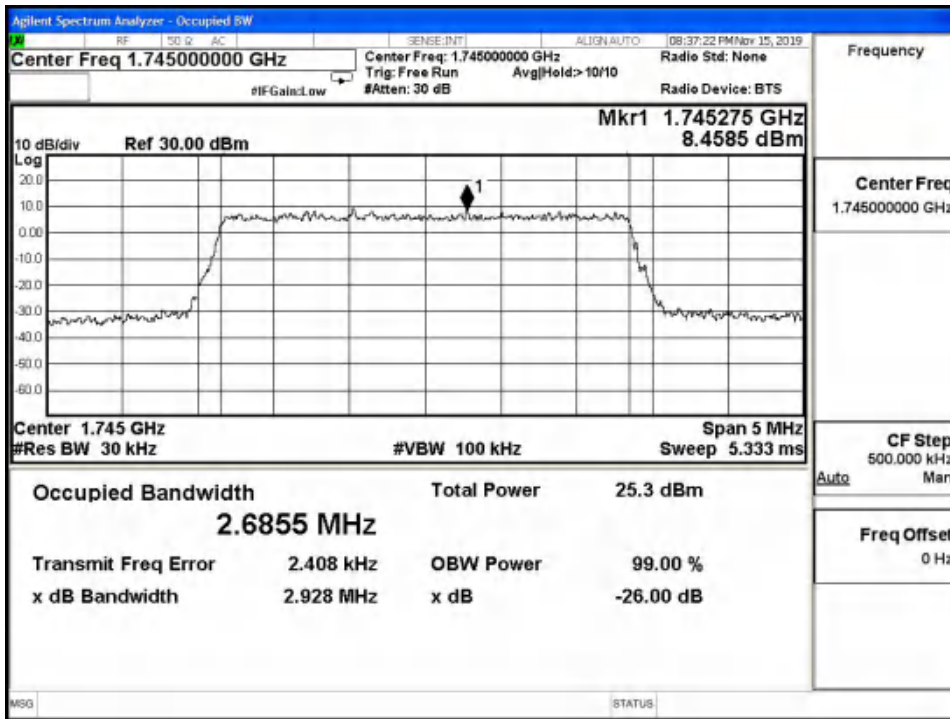
LTE Band66 16QAM -26dBc Channel 26365 BW=1.4MHz RB=6 RB Offset=0



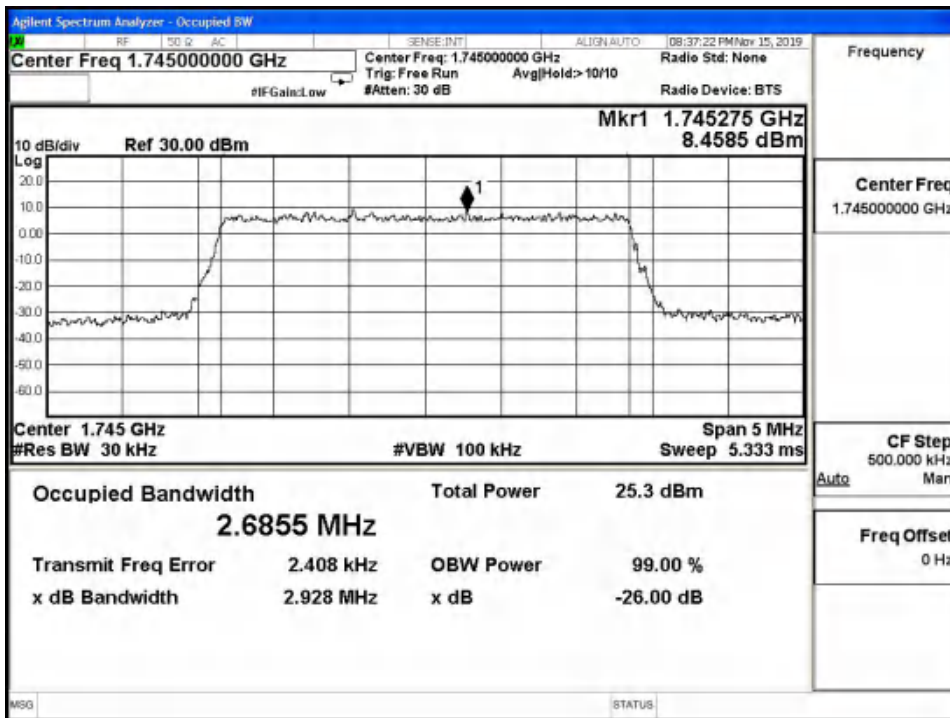
LTE Band66 QPSK 99% Channel 26365 BW=3MHz RB=15 RB Offset=0



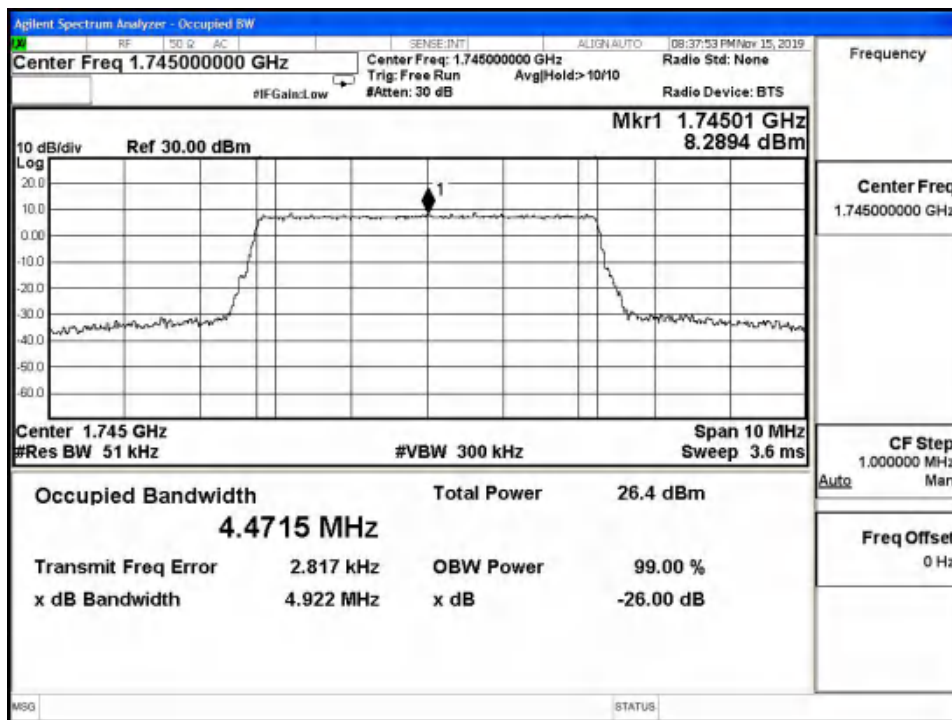
LTE Band66 QPSK -26dBc Channel 26365 BW=3MHz RB=15 RB Offset=0



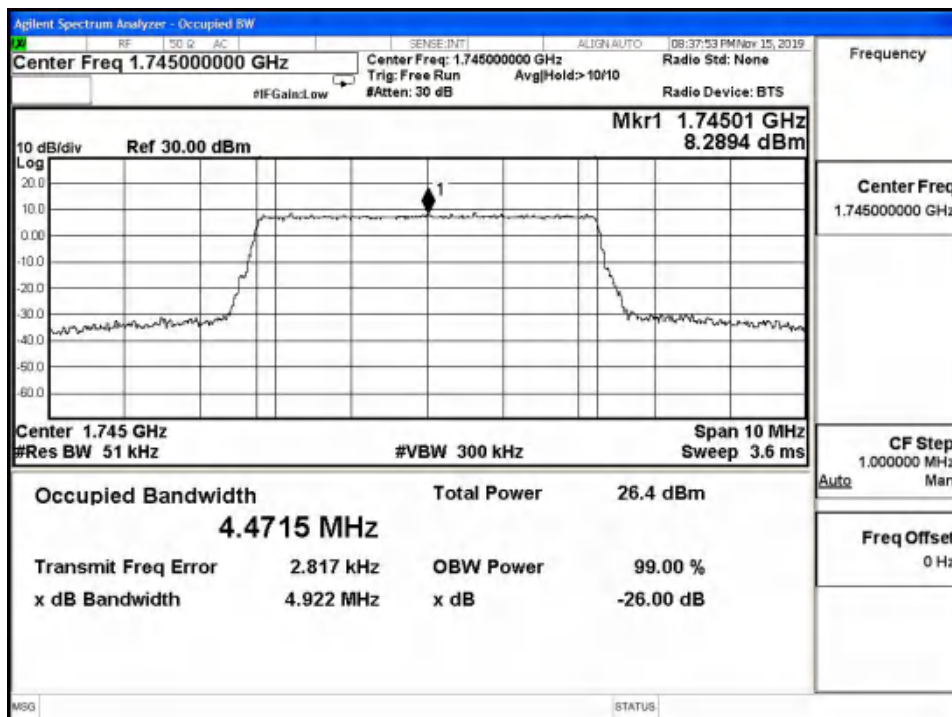
LTE Band66 16QAM 99% Channel 26365 BW=3MHz RB=15 RB Offset=0



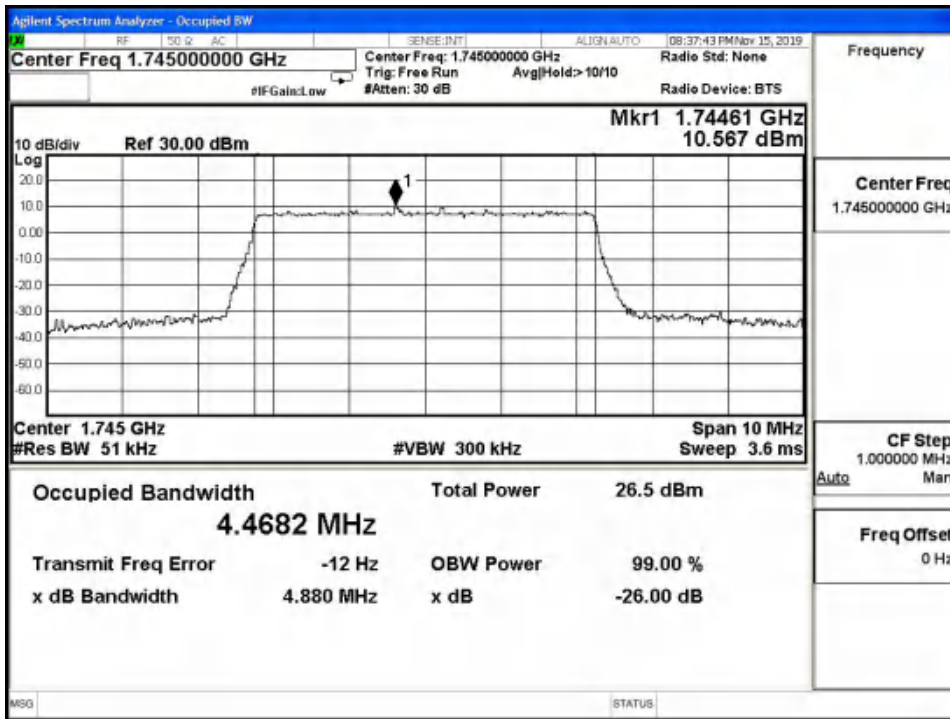
LTE Band66 16QAM -26dBc Channel 26365 BW=3MHz RB=15 RB Offset=0



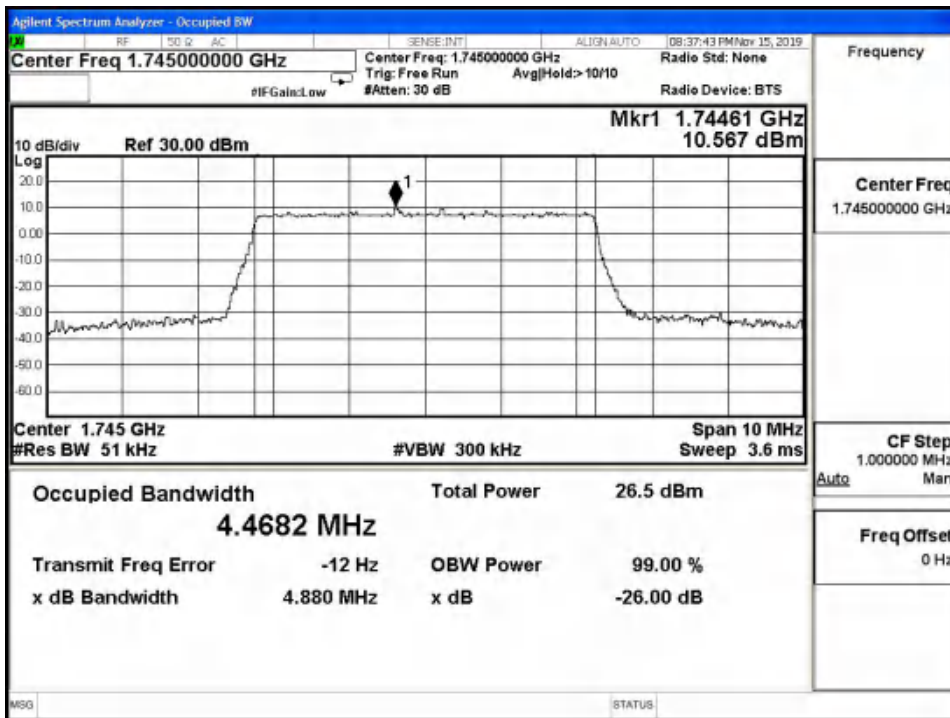
LTE Band66 QPSK 99% Channel 26365 BW=5MHz RB=25 RB Offset=0



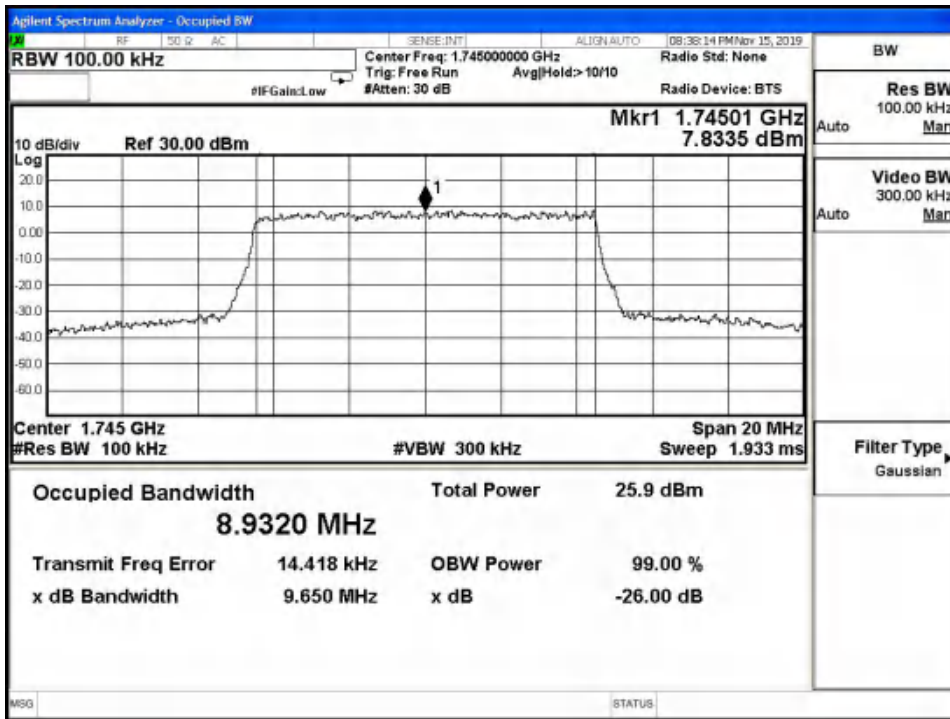
LTE Band66 QPSK -26dBc Channel 26365 BW=5MHz RB=25 RB Offset=0



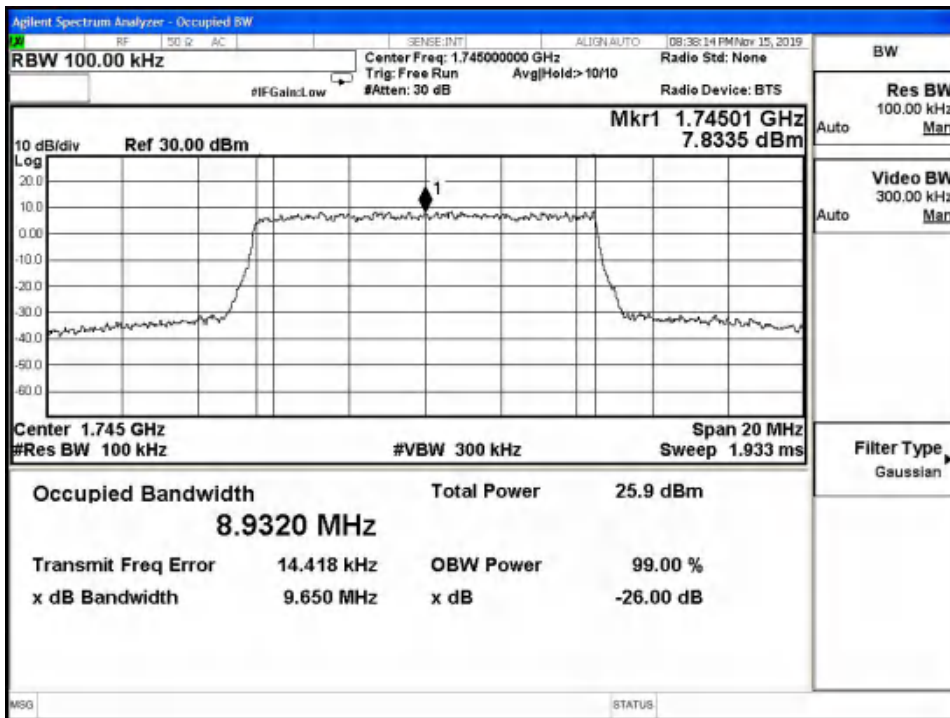
LTE Band66 16QAM 99% Channel 26365 BW=5MHz RB=25 RB Offset=0



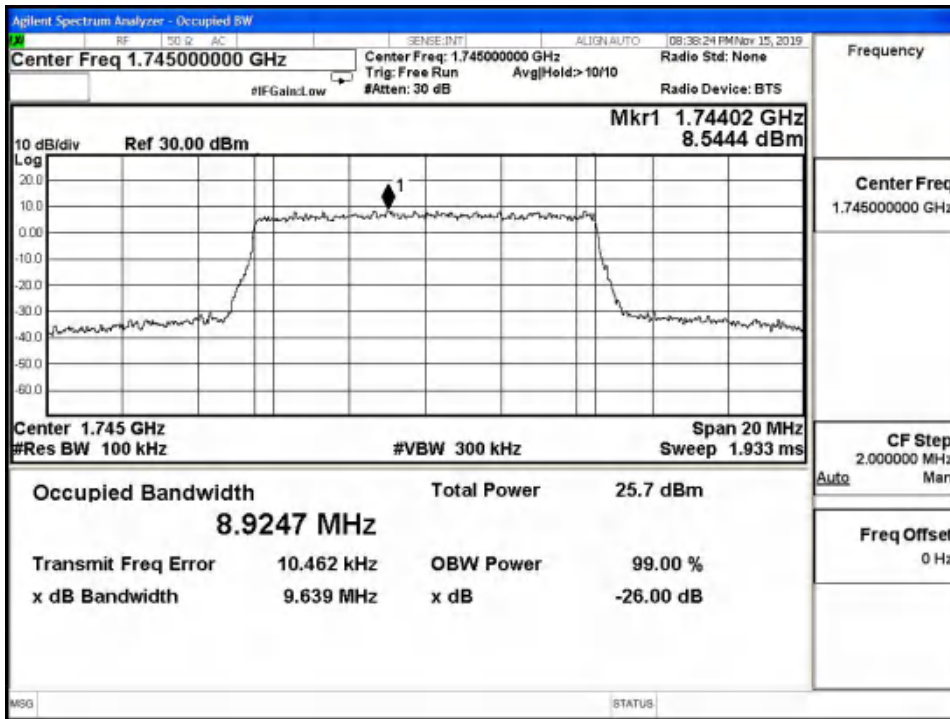
LTE Band66 16QAM -26dBc Channel 26365 BW=5MHz RB=25 RB Offset=0



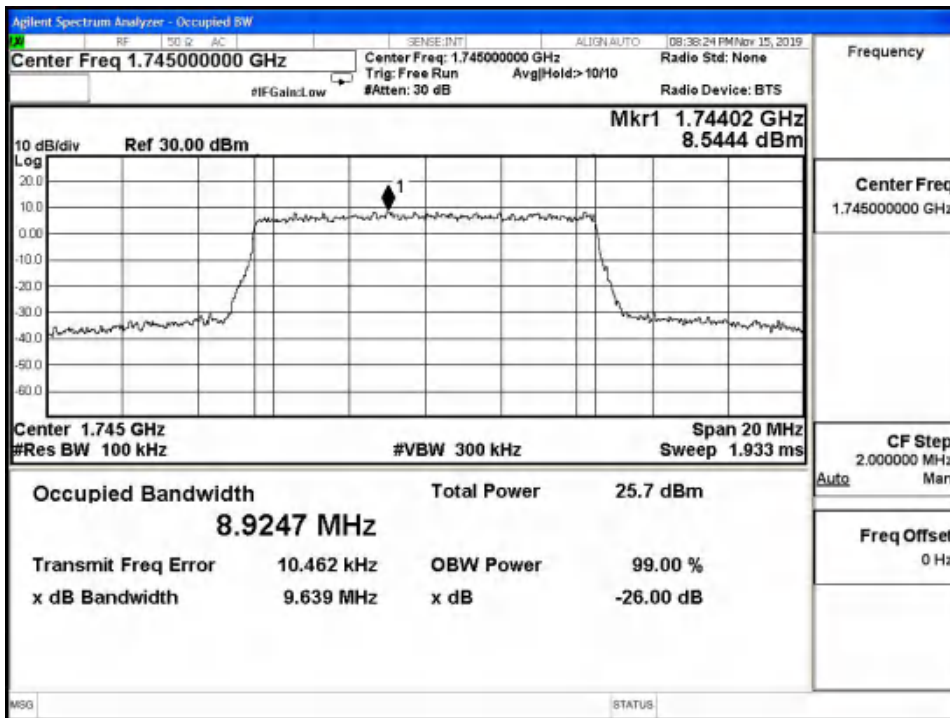
LTE Band66 QPSK 99% Channel 26365 BW=10MHz RB=50 RB Offset=0



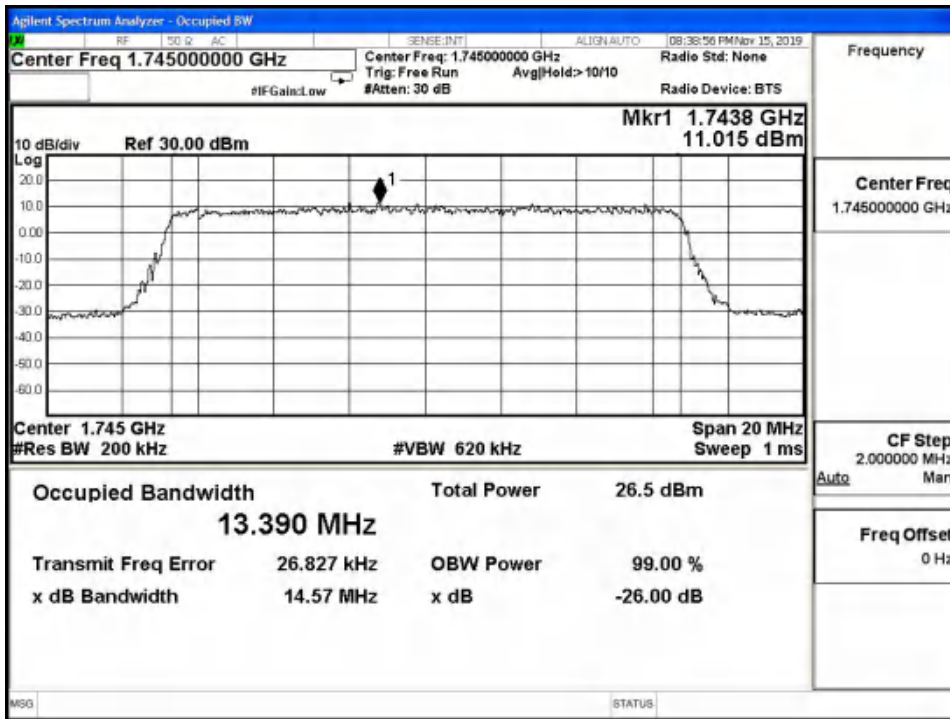
LTE Band66 QPSK -26dBc Channel 26365 BW=10MHz RB=50 RB Offset=0



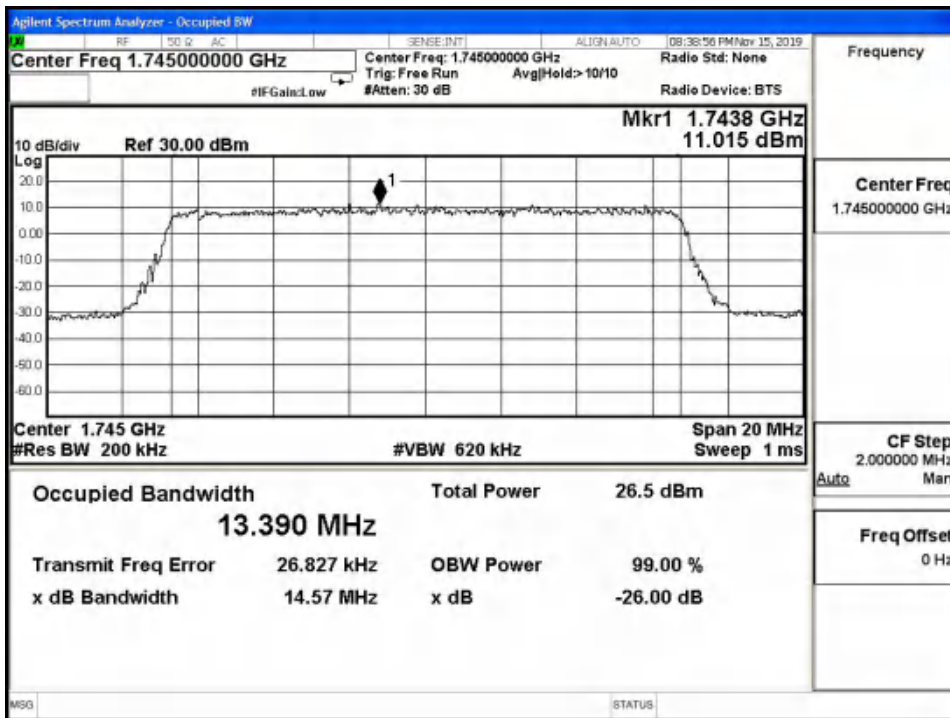
LTE Band66 16QAM 99% Channel 26365 BW=10MHz RB=50 RB Offset=0



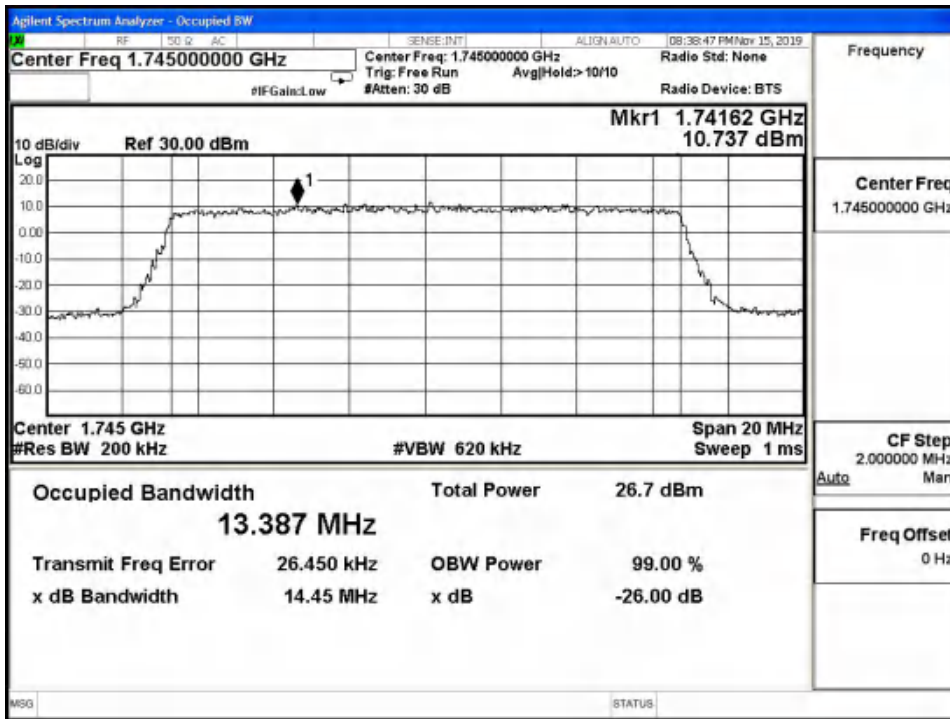
LTE Band66 16QAM -26dBc Channel 26365 BW=10MHz RB=50 RB Offset=0



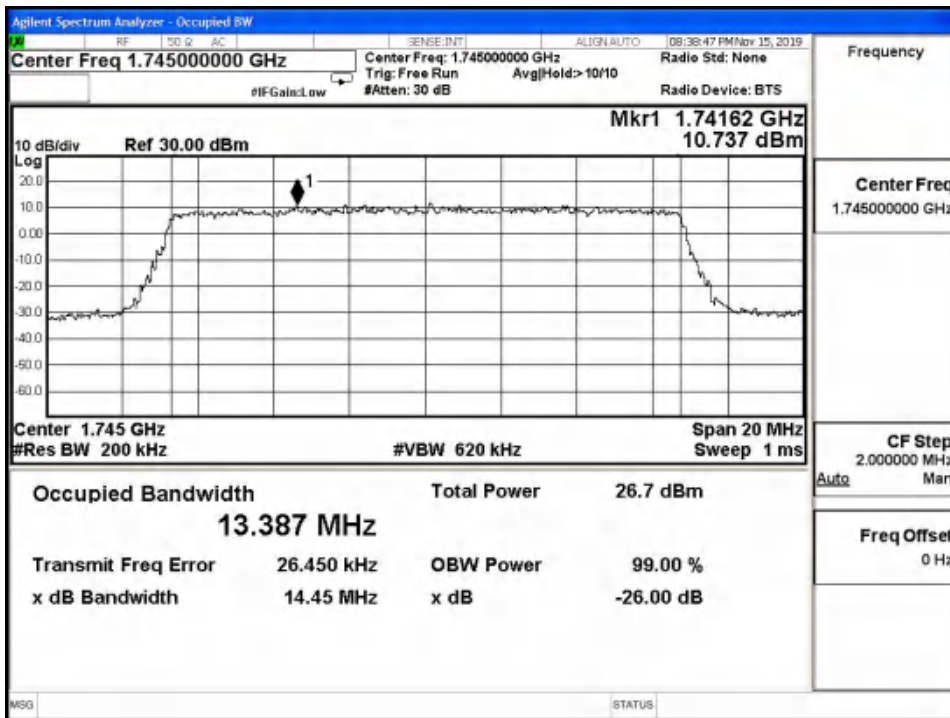
LTE Band66 QPSK 99% Channel 26365 BW=15MHz RB=75 RB Offset=0



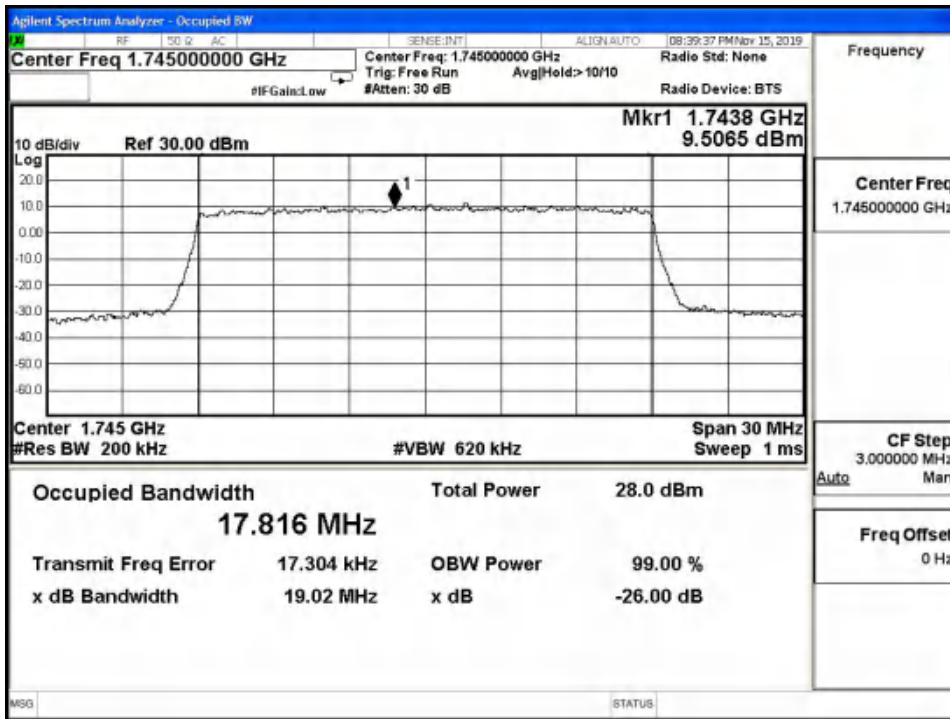
LTE Band66 QPSK -26dBc Channel 26365 BW=15MHz RB=75 RB Offset=0



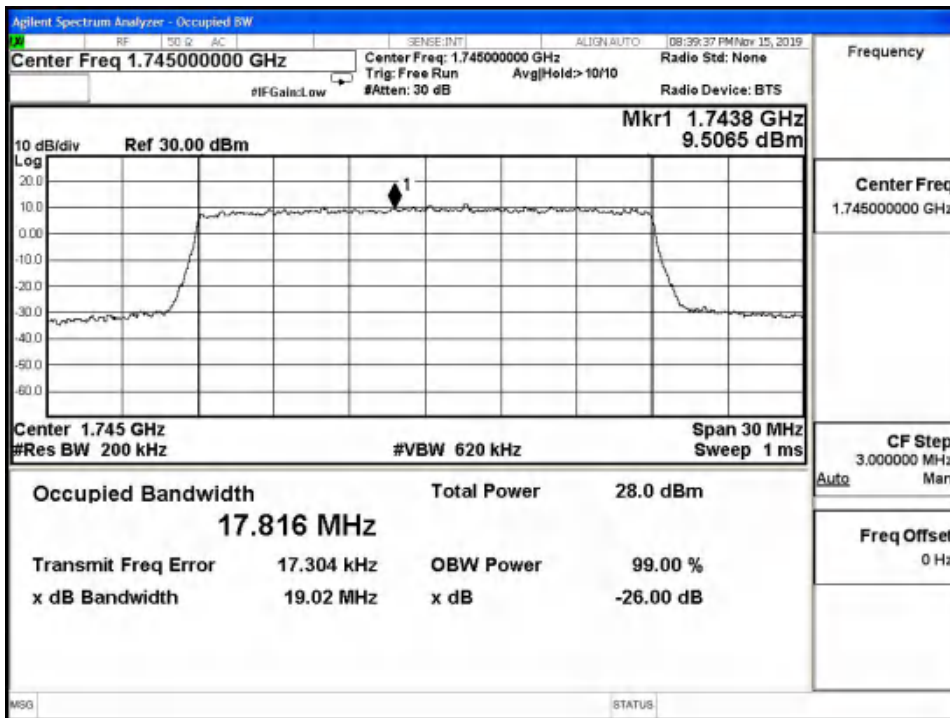
LTE Band66 16QAM 99% Channel 26365 BW=15MHz RB=75 RB Offset=0



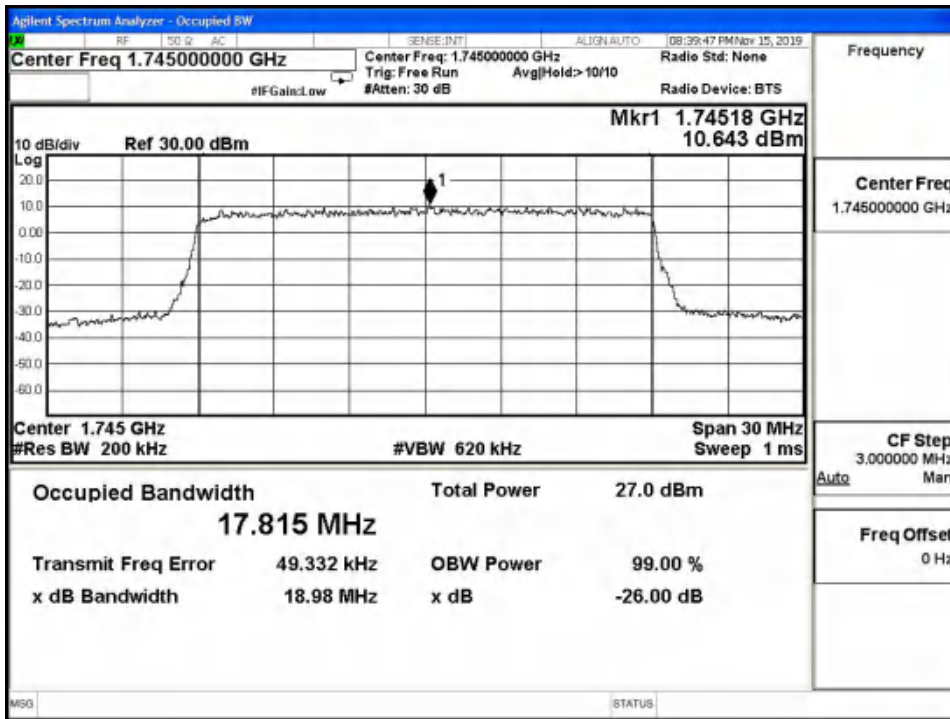
LTE Band66 16QAM -26dBc Channel 26365 BW=15MHz RB=75 RB Offset=0



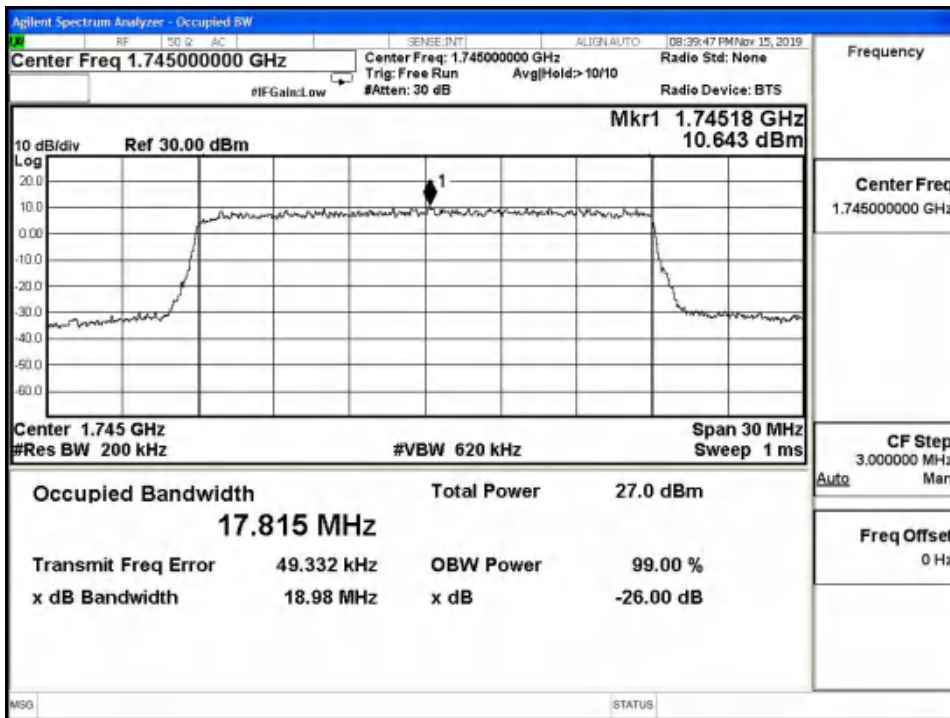
LTE Band66 QPSK 99% Channel 26365 BW=20MHz RB=100 RB Offset=0



LTE Band66 QPSK -26dBc Channel 26365 BW=20MHz RB=100 RB Offset=0



LTE Band66 16QAM 99% Channel 26365 BW=20MHz RB=100 RB Offset=0



LTE Band66 16QAM -26dBc Channel 26365 BW=20MHz RB=100 RB Offset=0

5.3 Conducted Spurious Emission

Specifications:	FCC Part 2.1051,24.238,2.1053,22.917, 27.53, 90.691 RSS-130 4.6, RSS-132 4.5, RSS-133 6.5, RSS-199 4.6
DUT Serial Number:	868822040009761
Test conditions:	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa
Test Results:	--

Limit Level Construction:

According to Part 22.917 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

According to Part 24.238 (a), i.e., Out of Band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB, so the limit level is: $P(\text{dBm}) - (43 + 10 \log(P)) \text{ dB} = -13\text{dBm}$.

According to Part 27.53(h):

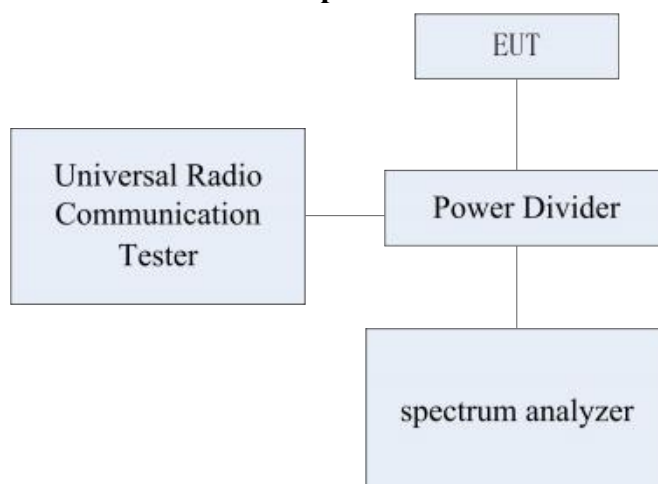
Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 Bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

According to Part 27.53(g):

For operations in the 600 MHz Band and the 698-746 MHz Band, the power of any emission outside a licensee's frequency Band(s) of operation shall be attenuated below the transmitter power (P) within the licensed Band(s) of operation, measured in watts, by at least $43 + 10 \log(P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution Bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz Bands immediately outside and adjacent to a licensee's frequency block, a resolution Bandwidth of at least 30 kHz may be employed.

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:

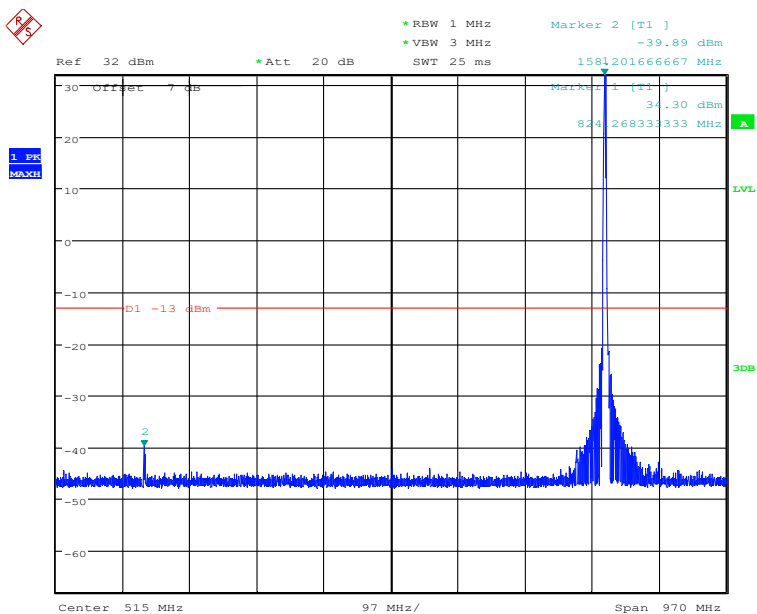
The measurement was performed accordance with section 2.2.13 of ANSI/TIA-603-D: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

The measurement was performed accordance with section 2.2.13 of ANSI/TIA-603-D-2010: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-Band emissions, if any, up to 10th harmonic. The EUT was scanned for spurious emissions from 30MHz to 20GHz with sufficient Bandwidth and video resolution. The spectrum analyzer was set to Maximum hold mode to ensure that the worst-case emissions were captured.

Note: --

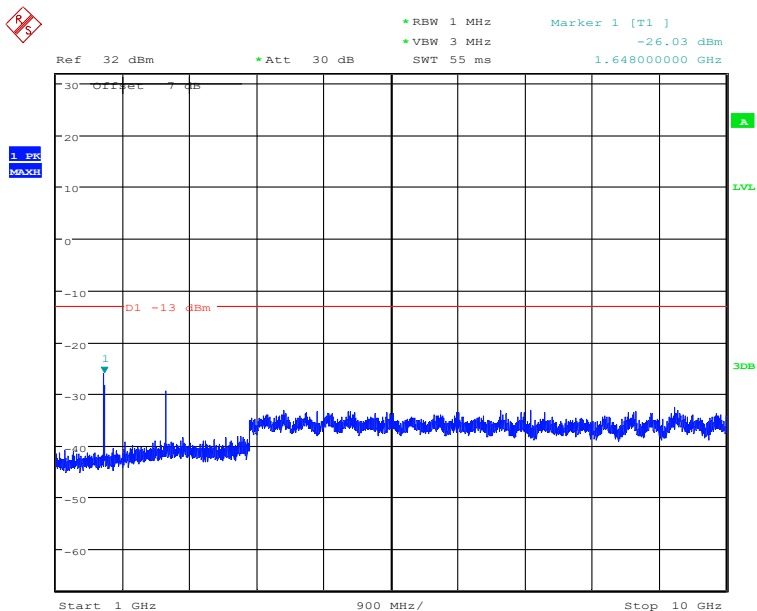
5.3.1 GSM850 Conducted Spurious Emission Results



Date: 15.NOV.2019 13:28:56

GMSK, Low channel, 824.200 MHz, 30MHz to 1GHz

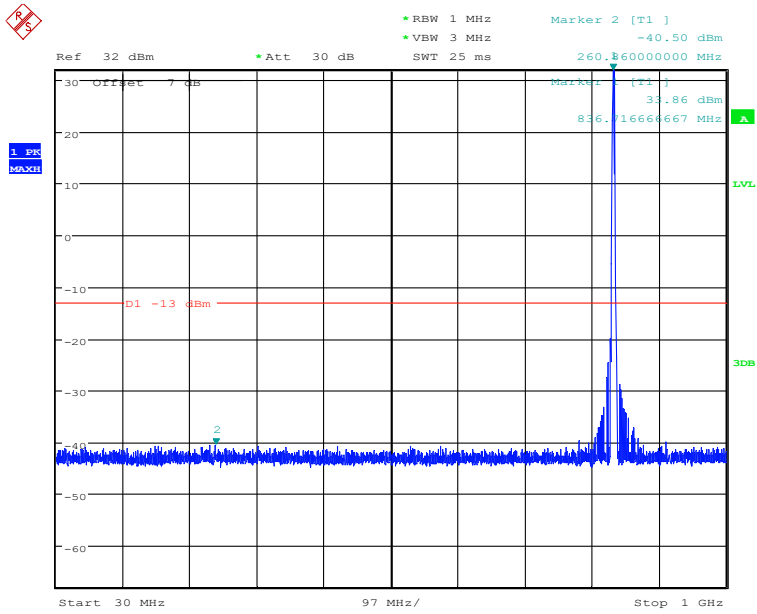
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:29:26

GMSK, Low channel, 824.200 MHz, 1GHz to 10GHz

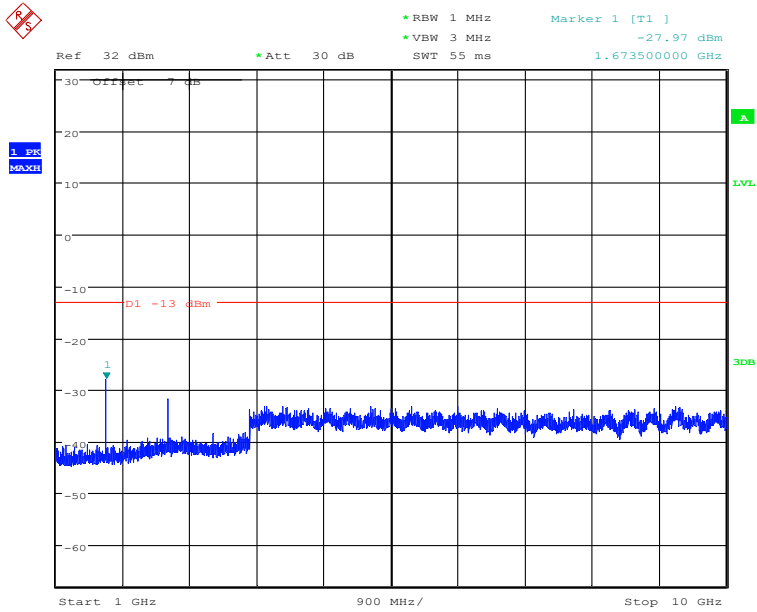
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:30:27

GMSK, Mid Channel, 836.6 MHz, 30MHz to 1GHz

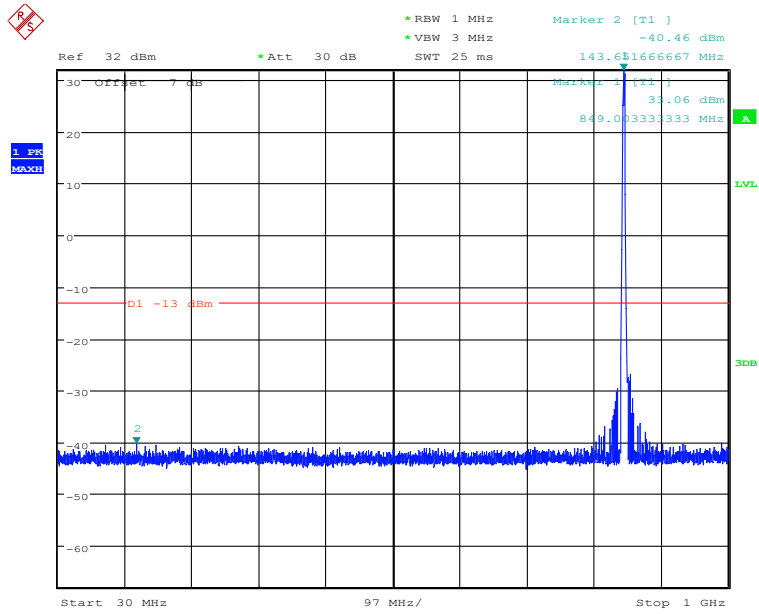
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:30:01

GMSK, Mid Channel, 836.6 MHz, 1GHz to 10GHz

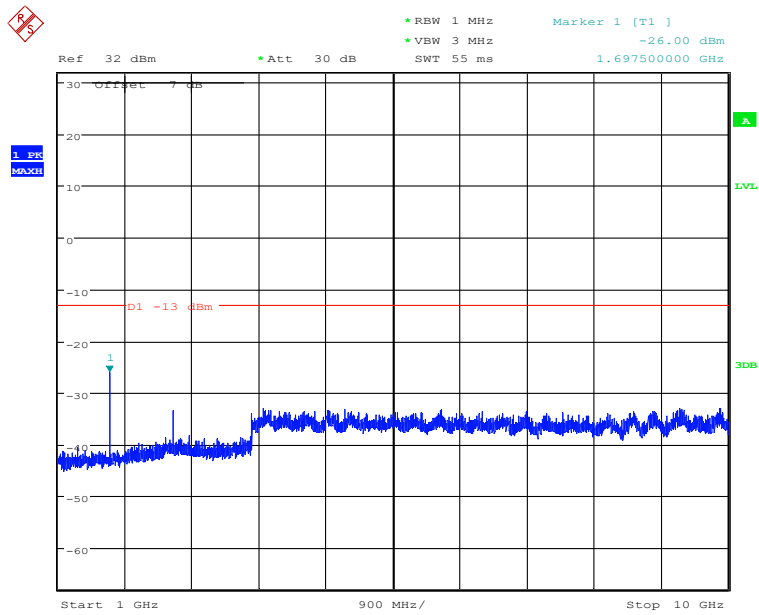
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:31:00

GMSK, High Channel, 848.8 MHz, 30MHz to 1GHz

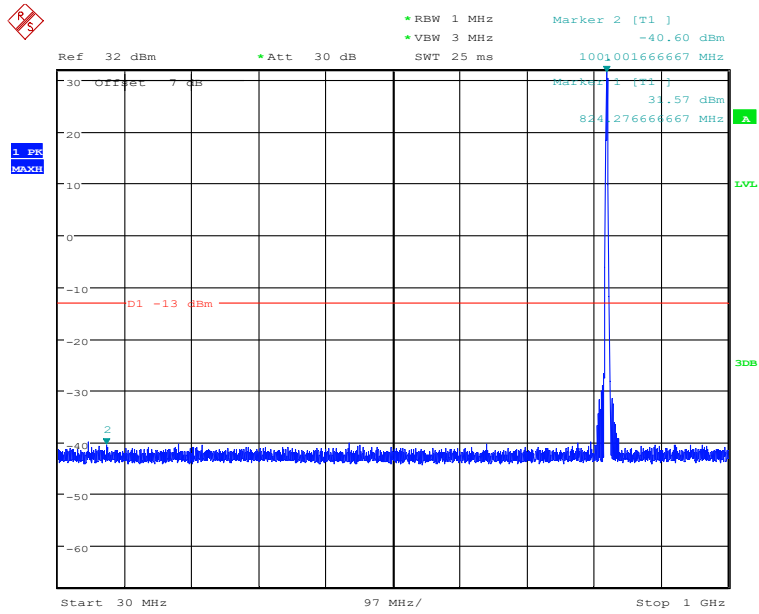
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:31:17

GMSK, High Channel, 848.8 MHz, 1GHz to 10GHz

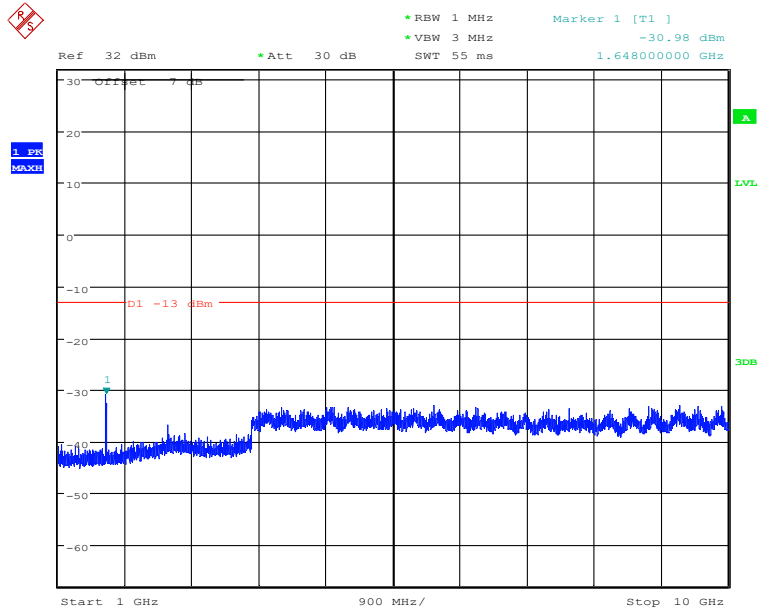
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:37:28

8PSK, Low channel, 824.200 MHz, 30MHz to 1GHz

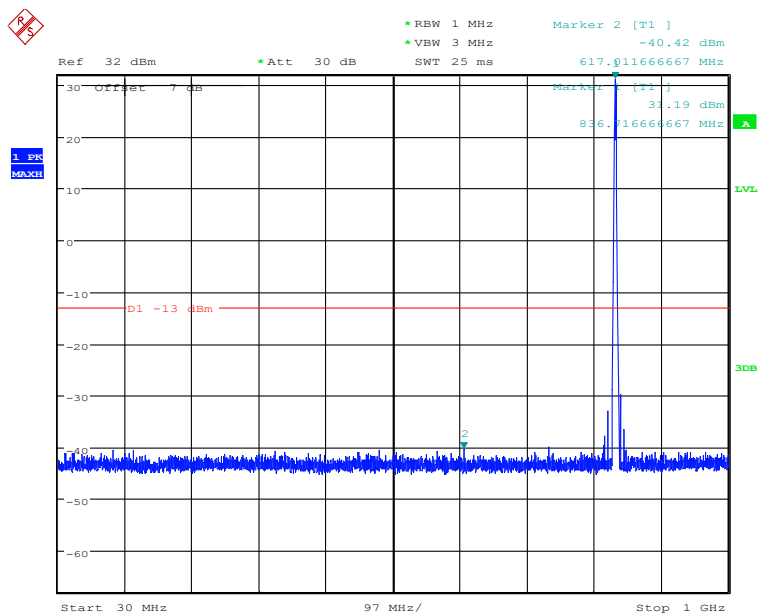
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:33:54

8PSK, Low channel, 824.200 MHz, 1GHz to 10GHz

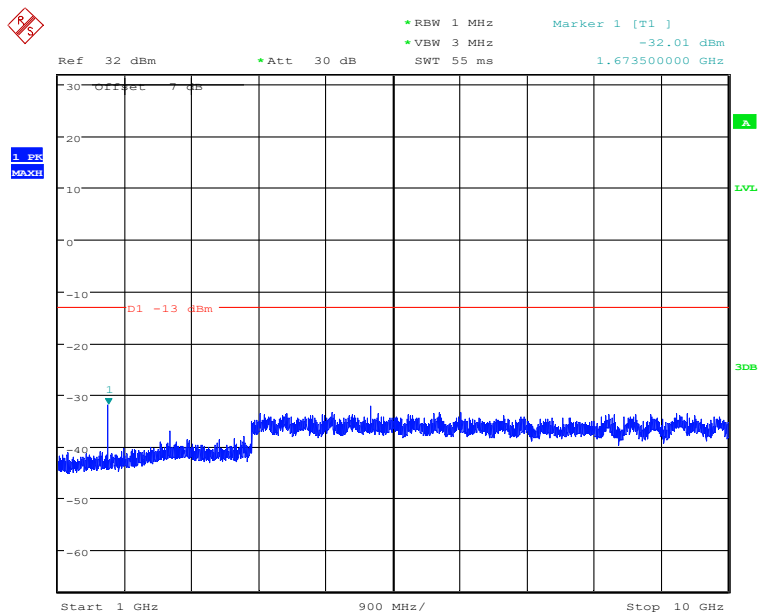
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:33:12

8PSK, Mid Channel, 836.6 MHz, 30MHz to 1GHz

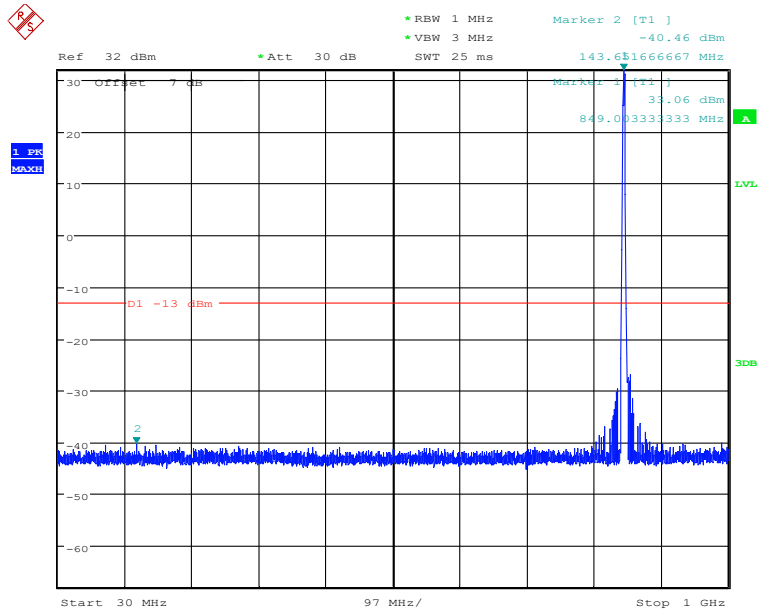
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:33:27

8PSK, Mid Channel, 836.6 MHz, 1GHz to 10GHz

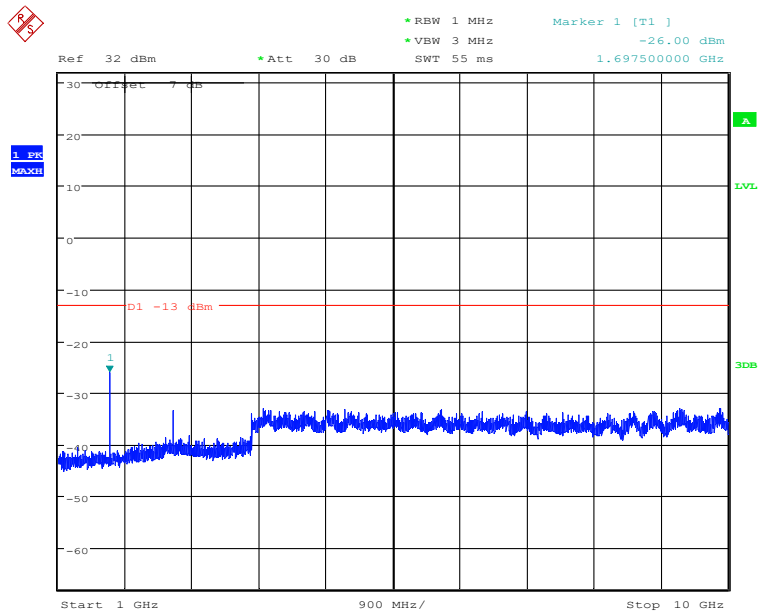
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:31:00

8PSK, High Channel, 848.8 MHz, 30MHz to 1GHz

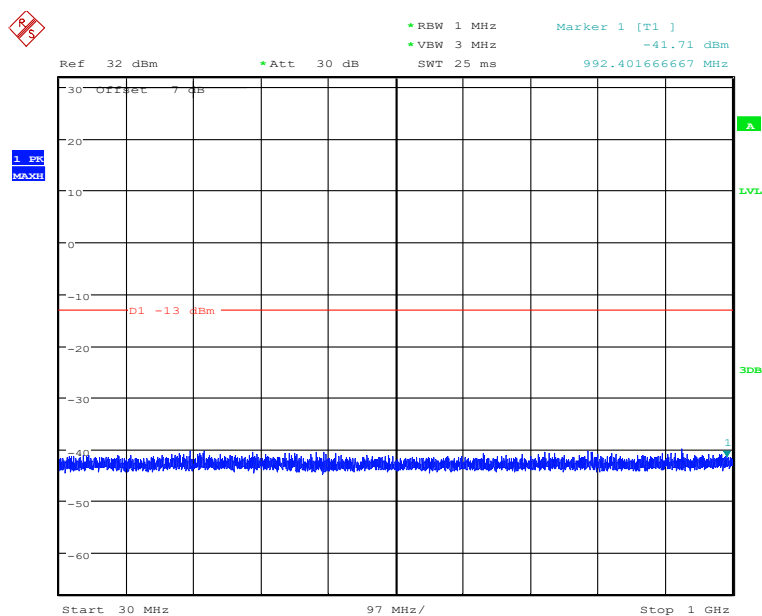
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 13:31:17

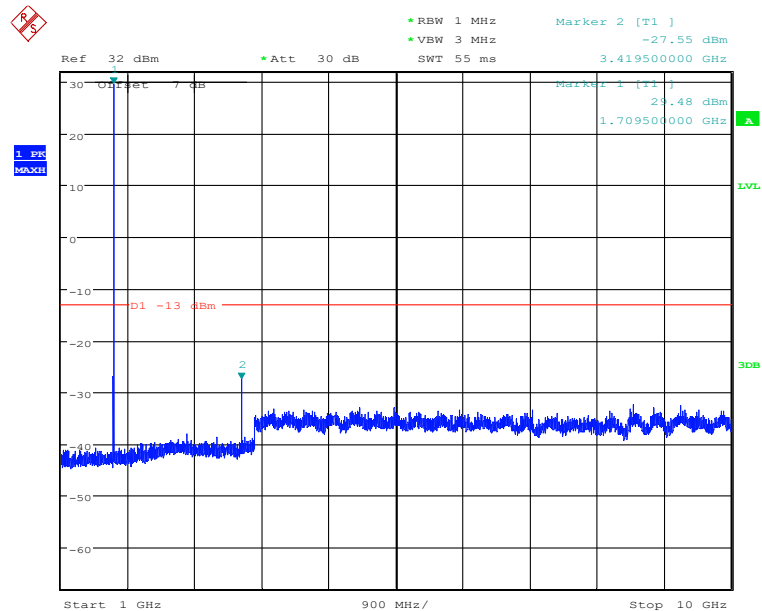
8PSK, High Channel, 848.8 MHz, 1GHz to 10GHz

5.3.2 PCS1900 Conducted Spurious Emission Results



Date: 15.NOV.2019 13:38:34

GMSK, Low channel, 1850.2 MHz, 30MHz to 1GHz

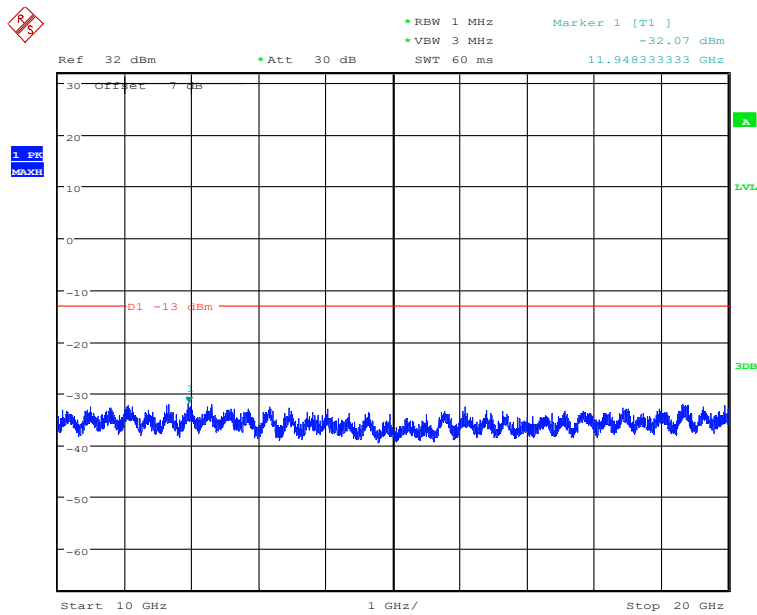


Date: 15.NOV.2019 13:45:51

GMSK, Low channel, 1850.2 MHz, 1GHz to 10GHz

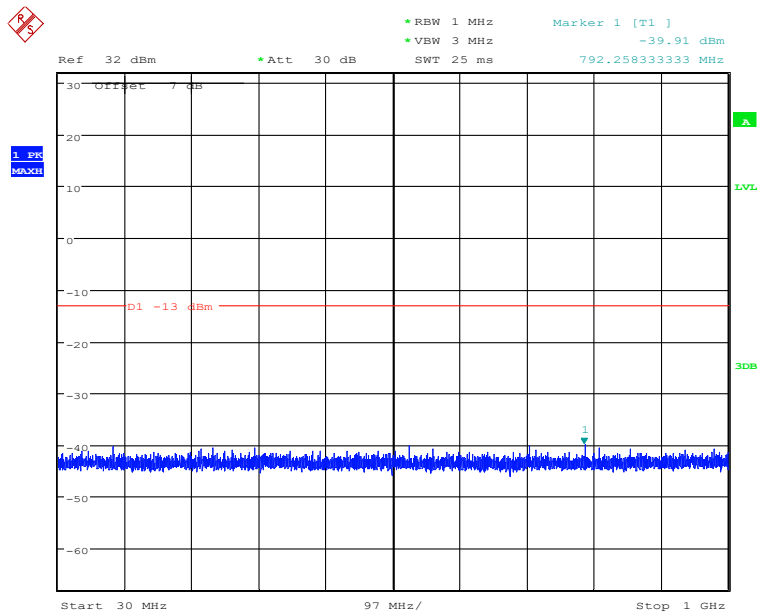
Note: The strong emission shown is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:40:27

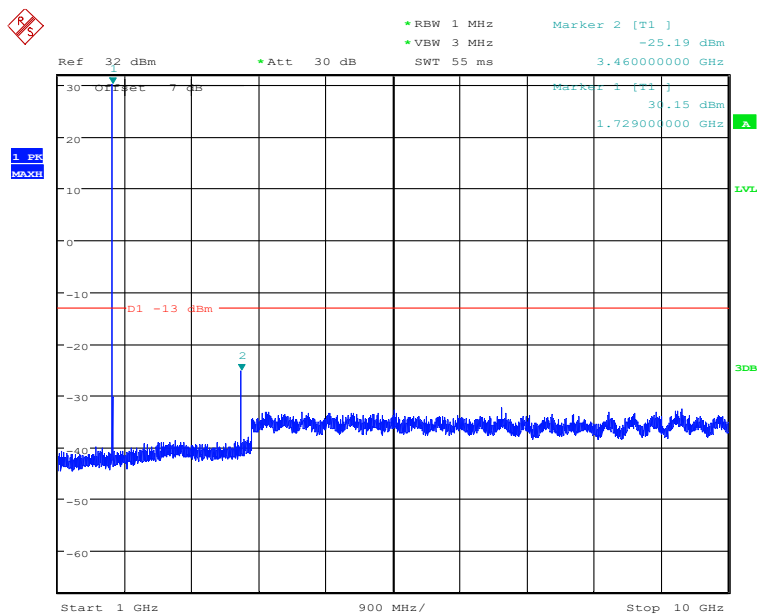
GMSK, Low channel, 1850.2 MHz, 10GHz to 20GHz



Date: 15.NOV.2019 13:41:31

GMSK, Middle channel, 1880.0 MHz, 30MHz to 1GHz

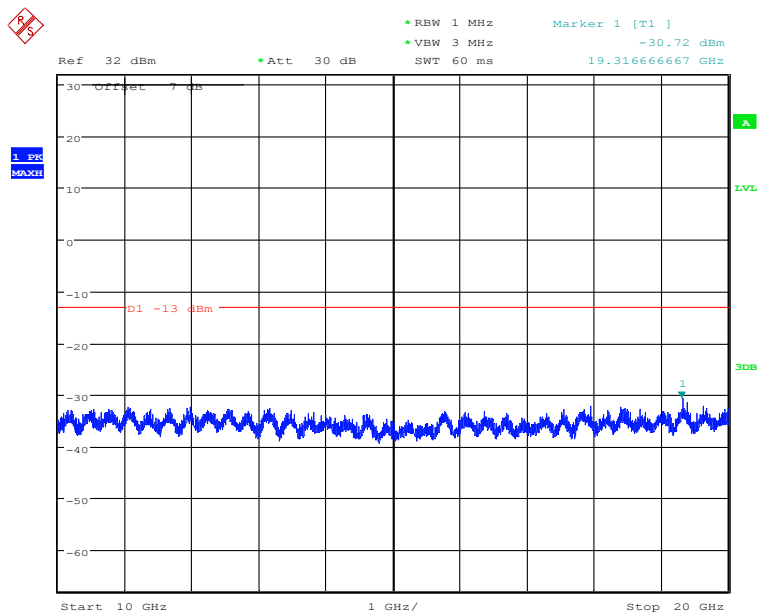
Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:45:29

GMSK, Middle channel, 1880.0 MHz, 1GHz to 10GHz

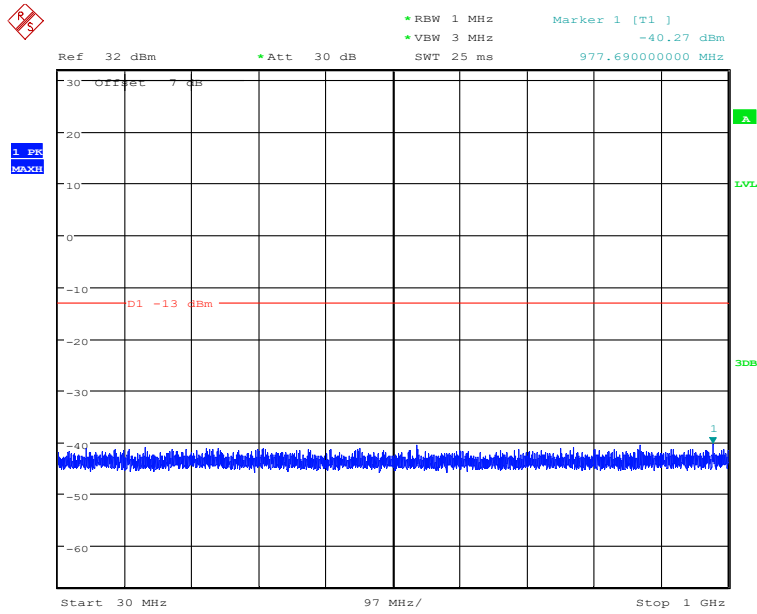
Note: The strong emission shown is the carrier signal.



Date: 15.NOV.2019 13:40:52

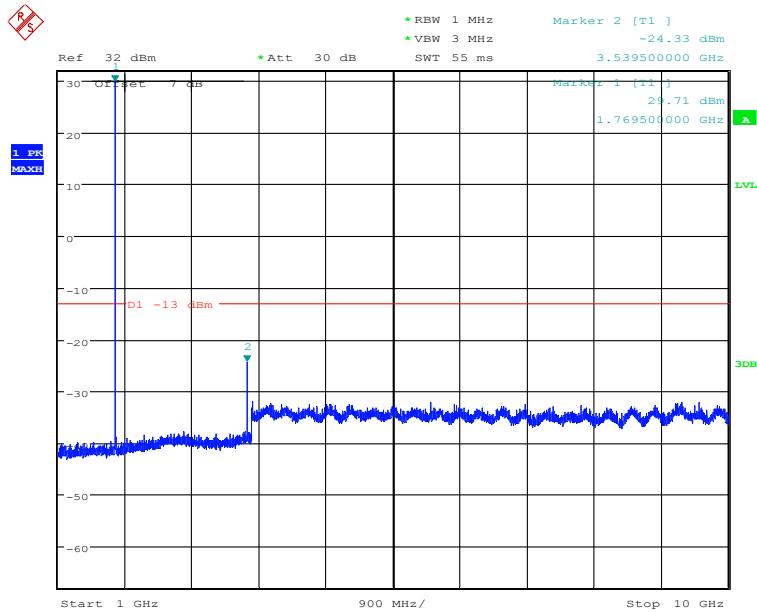
GMSK, Middle channel, 1880.0 MHz, 10GHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:41:53

GMSK, High channel, 1909.8 MHz, 30MHz to 1GHz

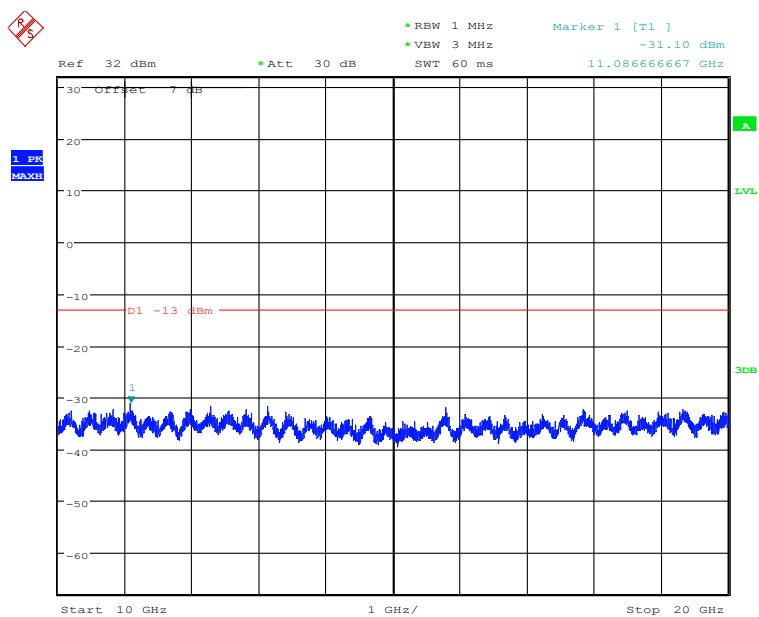


Date: 15.NOV.2019 13:44:25

GMSK, High channel, 1909.8 MHz, 1GHz to 10GHz

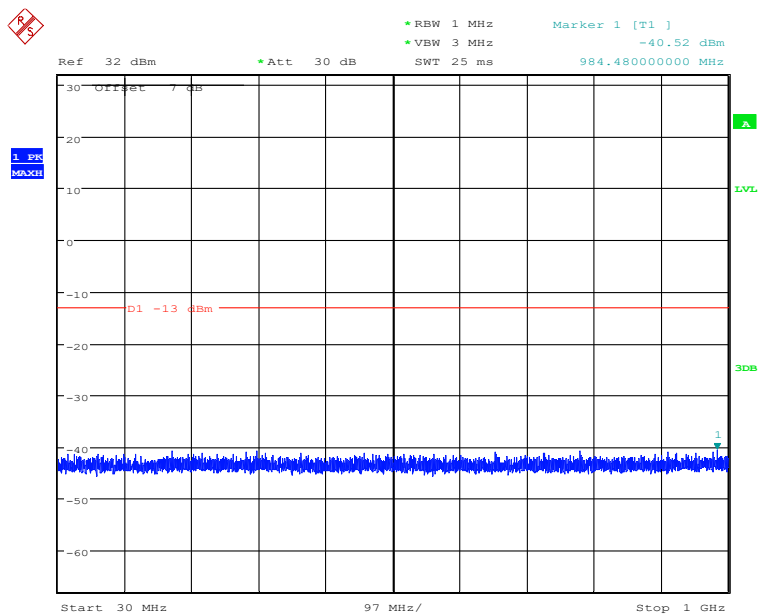
Note: The strong emission shown is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:44:50

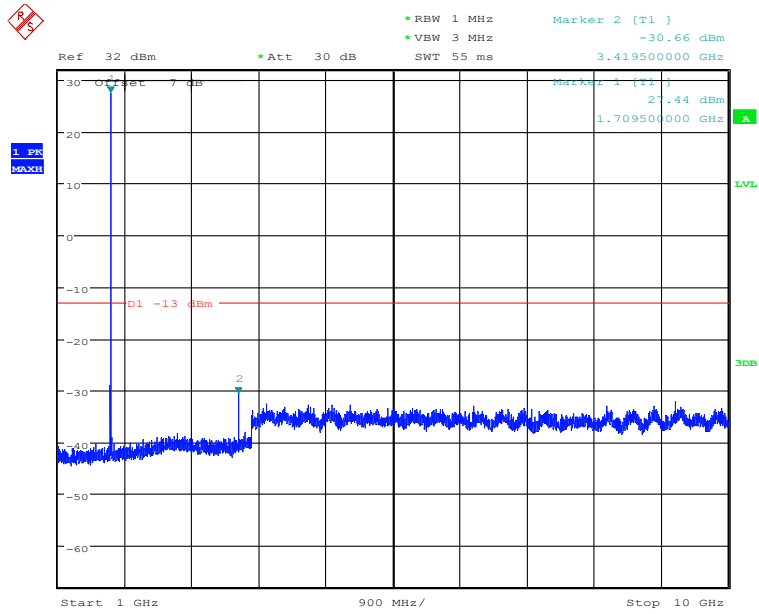
GMSK, High channel, 1909.8 MHz, 10GHz to 20GHz



Date: 15.NOV.2019 13:46:36

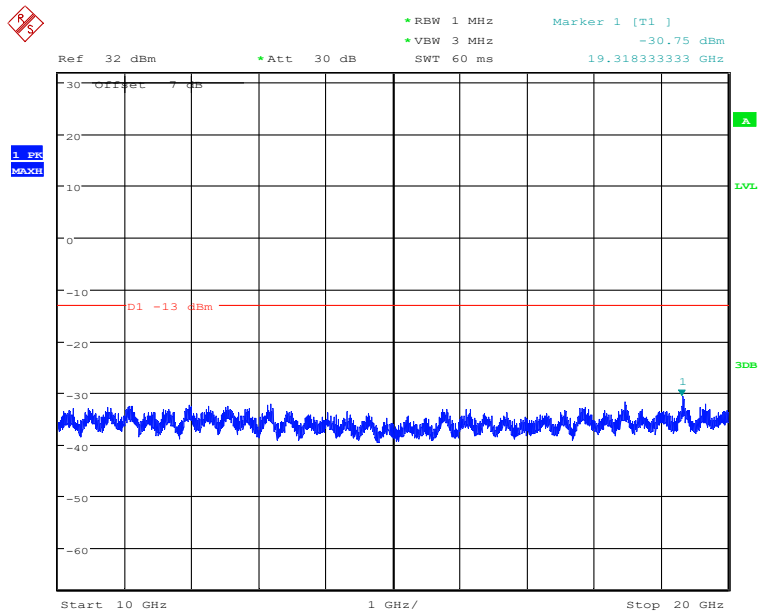
8PSK, Low channel, 1850.2 MHz, 30MHz to 1GHz

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:46:22

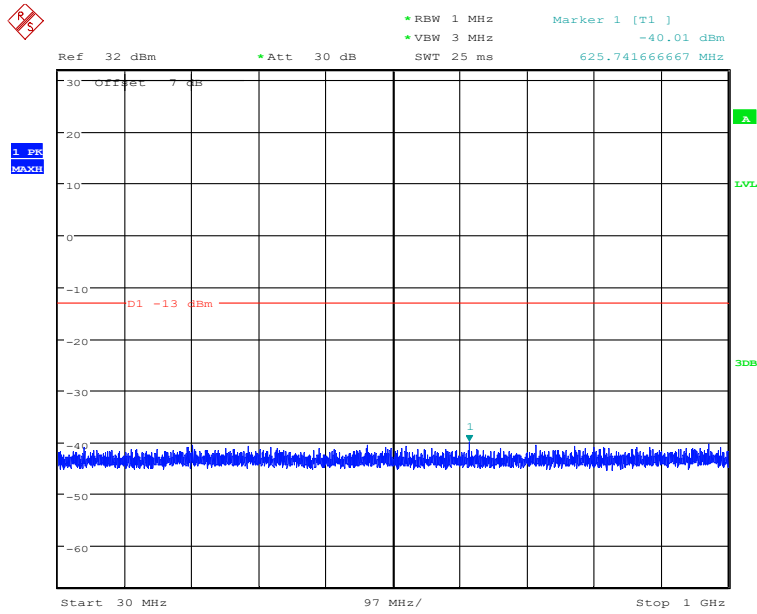
8PSK, Low channel, 1850.2 MHz, 1GHz to 10GHz
Note: The strong emission shown is the carrier signal.



Date: 15.NOV.2019 13:46:52

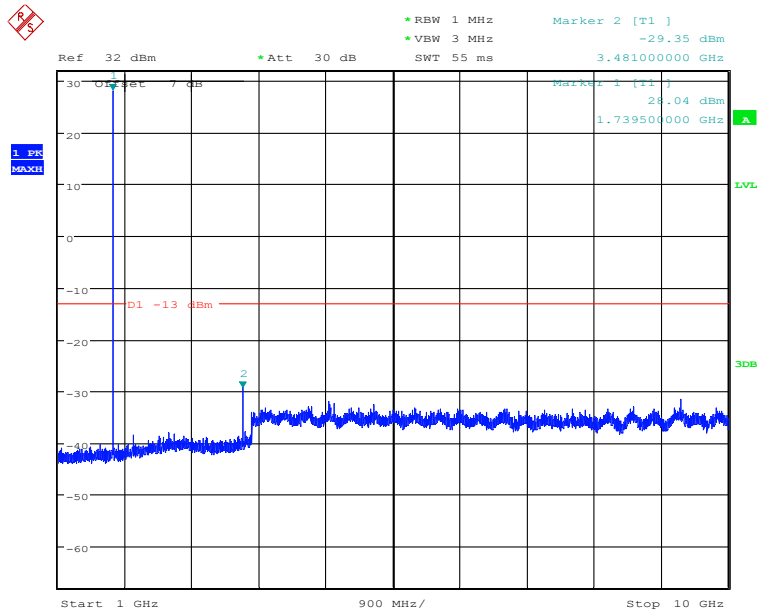
8PSK, Low channel, 1850.2 MHz, 10GHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:47:46

8PSK, Middle channel, 1880.0 MHz, 30MHz to 1GHz

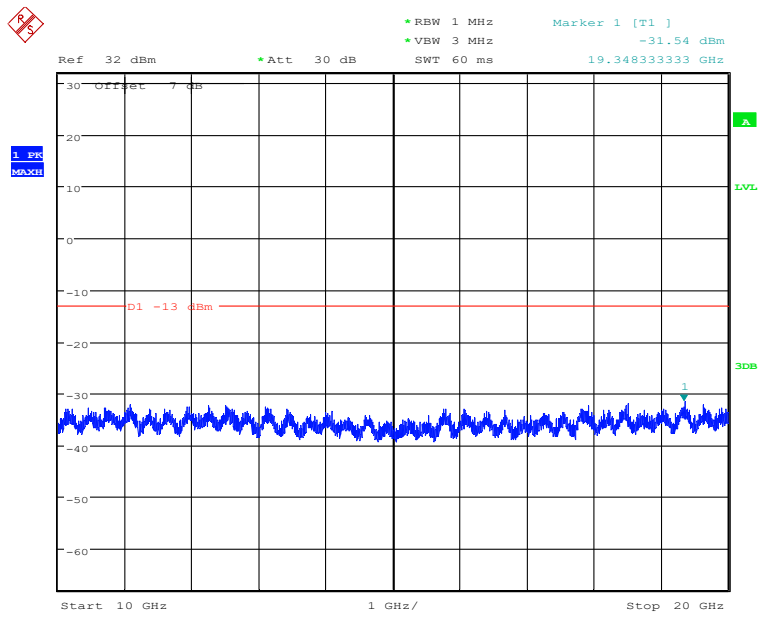


Date: 15.NOV.2019 13:49:45

8PSK, Middle channel, 1880.0 MHz, 1GHz to 10GHz

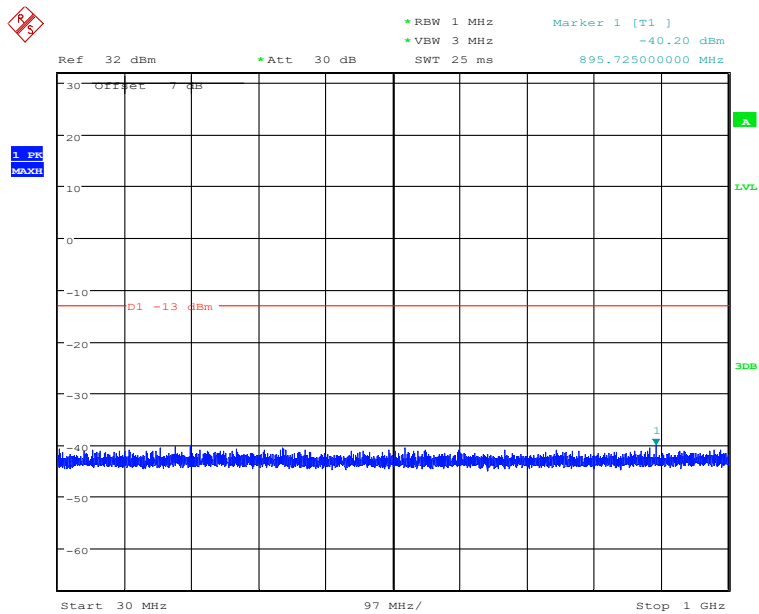
Note: The strong emission shown is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:50:08

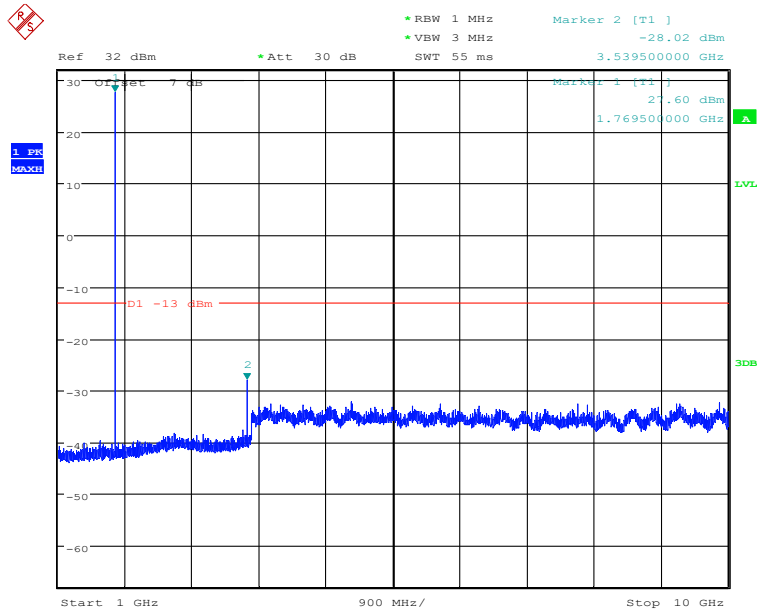
8PSK, Middle channel, 1880.0 MHz, 10GHz to 20GHz



Date: 15.NOV.2019 13:51:25

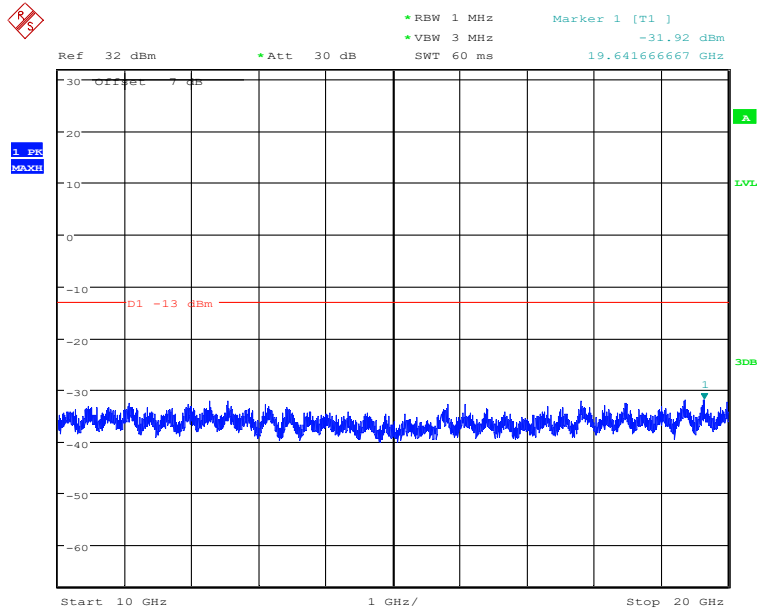
8PSK, High channel, 1909.8 MHz, 30MHz to 1GHz

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 13:51:02

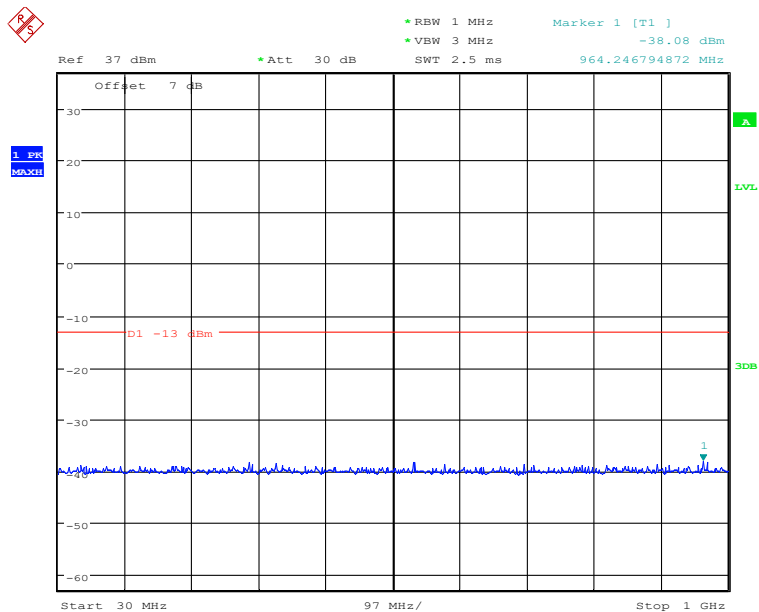
8PSK, High channel, 1909.8 MHz, 1GHz to 10GHz
Note: The strong emission shown is the carrier signal



Date: 15.NOV.2019 13:50:23

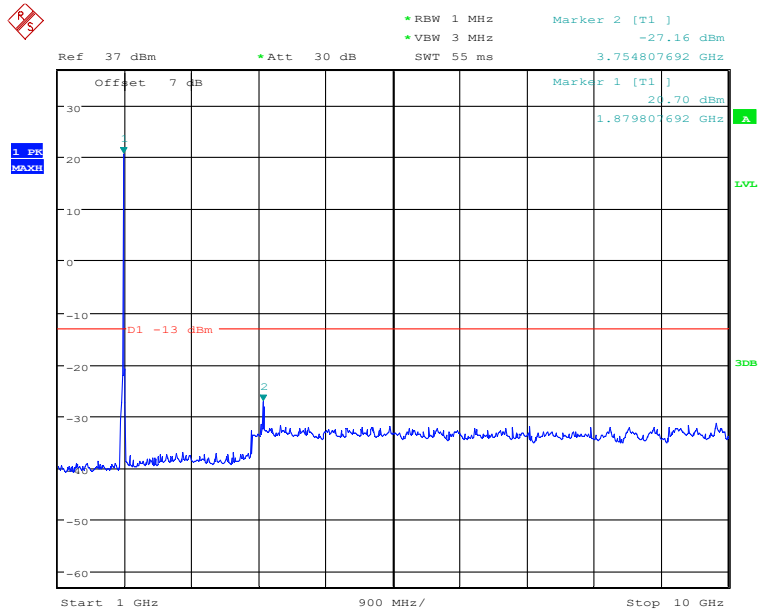
8PSK, High channel, 1909.8 MHz, 10GHz to 20GHz

5.3.3 WCDMA Band 2 Conducted Spurious Emission Results



Date: 15.NOV.2019 21:22:07

WCDMA Band 2 QPSK Mode Middle Channel, 1880 MHz, 30MHz to 1GHz

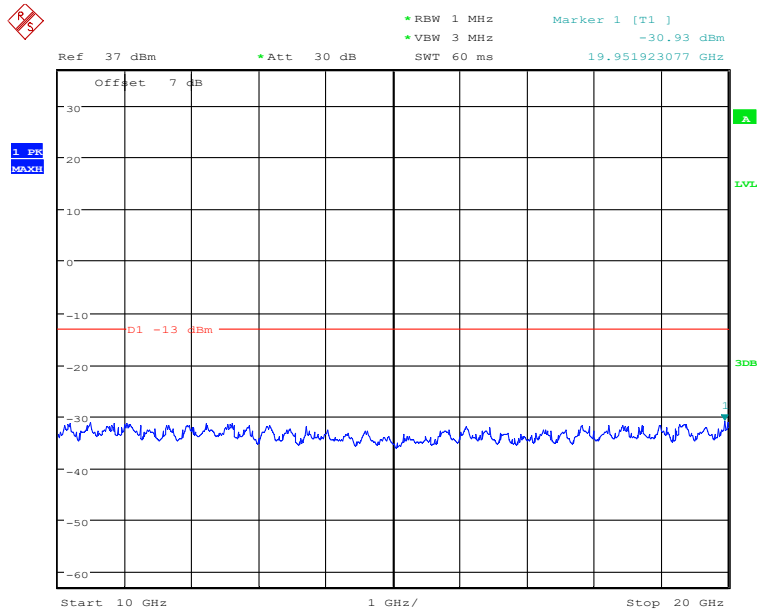


Date: 15.NOV.2019 21:23:05

WCDMA Band 2 QPSK Mode Middle Channel, 1880 MHz, 1GHz to 10GHz

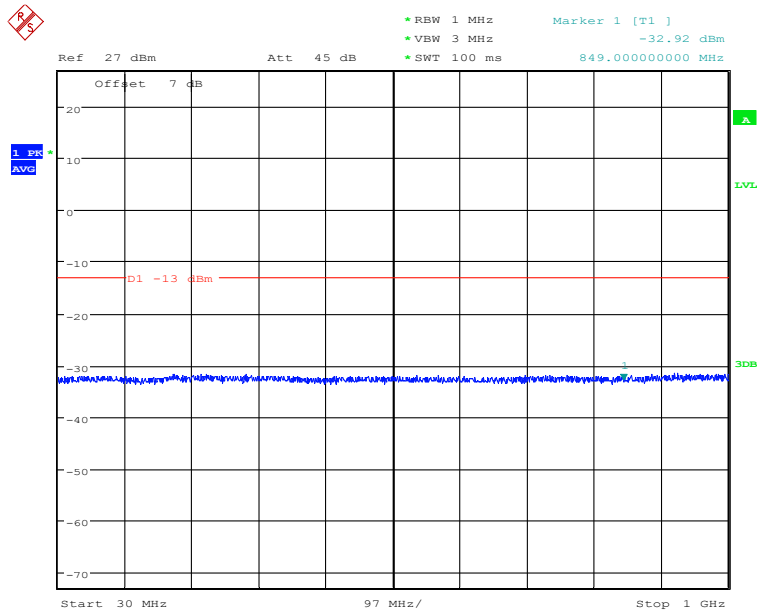
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 21:24:01

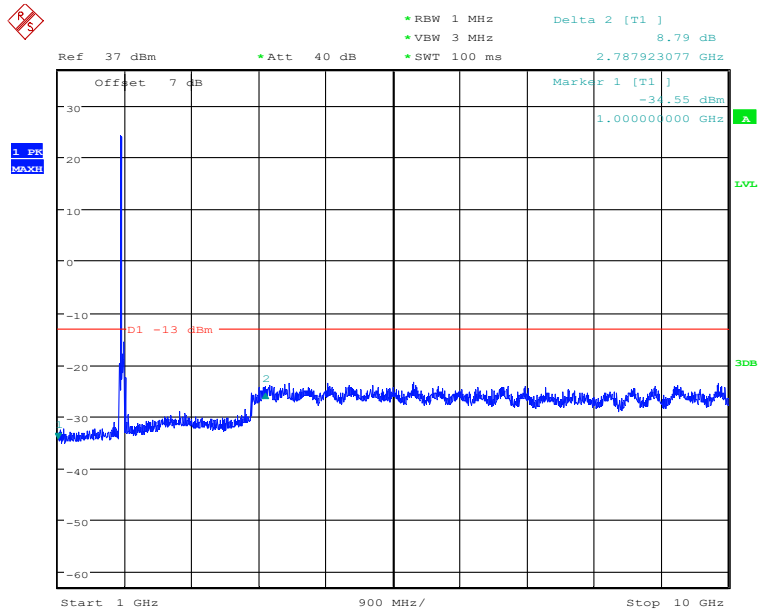
WCDMA Band 2 QPSK Mode Middle Channel, 1880 MHz, 10GHz to 20GHz



Date: 16.NOV.2019 16:21:45

WCDMA Band 2 16QAM Mode Middle Channel, 1880 MHz, 30MHz to 1GHz

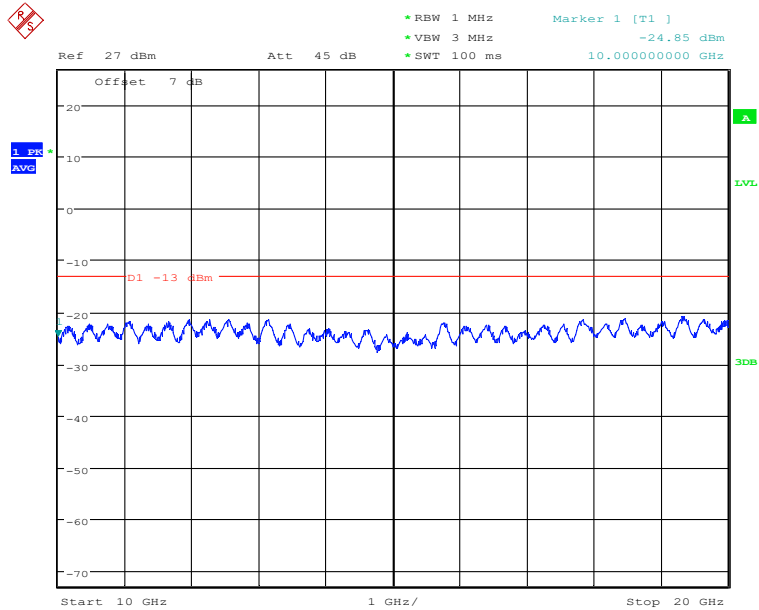
Report No.:B19W50601-WWAN_Rev1



Date: 16.NOV.2019 16:42:00

WCDMA Band 2 16QAM Mode Middle Channel, 1880 MHz, 1GHz to 10GHz

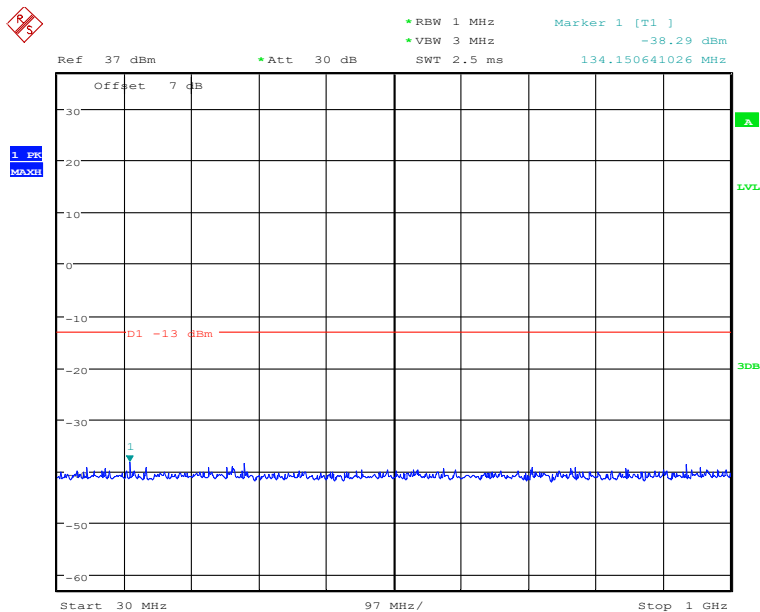
Note: The strong emission shown in each case is the carrier signal.



Date: 16.NOV.2019 16:23:22

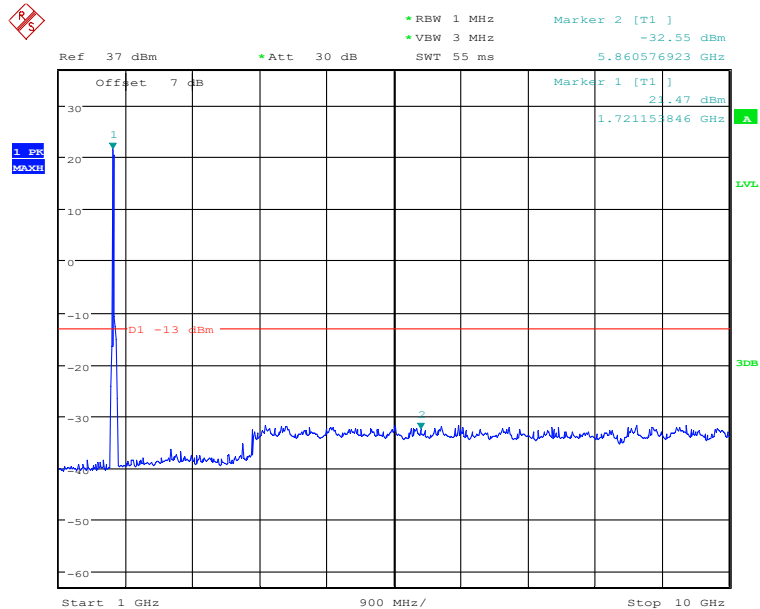
WCDMA Band 2 16QAM Mode Middle Channel, 1880 MHz, 10GHz to 20GHz

5.3.4 WCDMA Band 4 Conducted Spurious Emission Results



Date: 15.NOV.2019 21:27:26

WCDMA Band 4 QPSK Mode Middle Channel, 1732.4 MHz, 30MHz to 1GHz

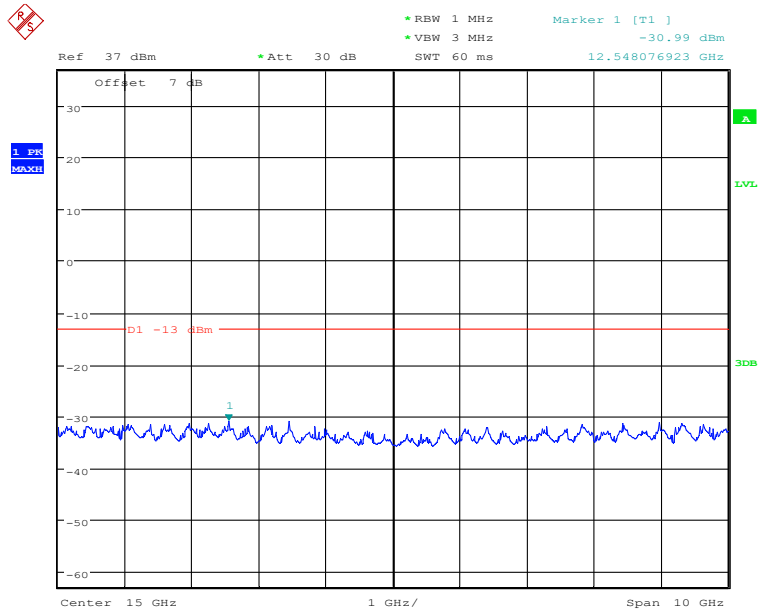


Date: 15.NOV.2019 21:26:46

WCDMA Band 4 QPSK Mode Middle Channel, 1732.4 MHz, 1GHz to 10GHz

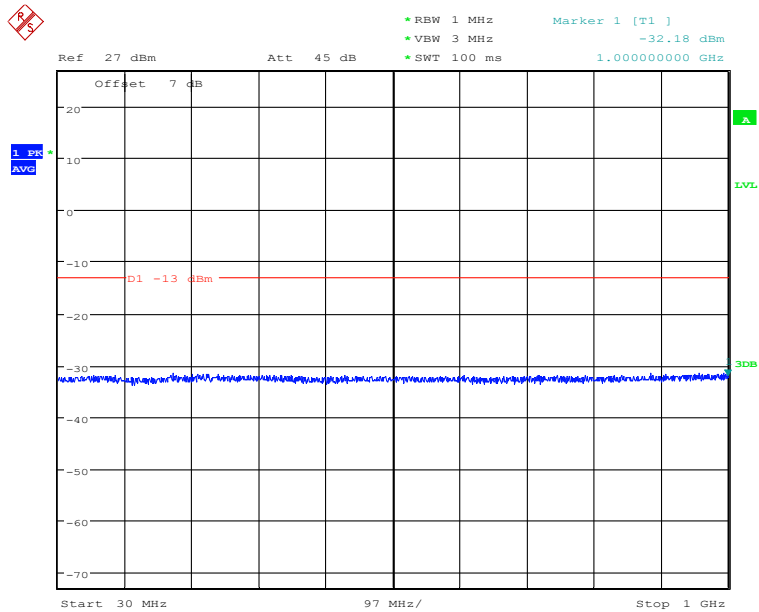
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 15.NOV.2019 21:25:37

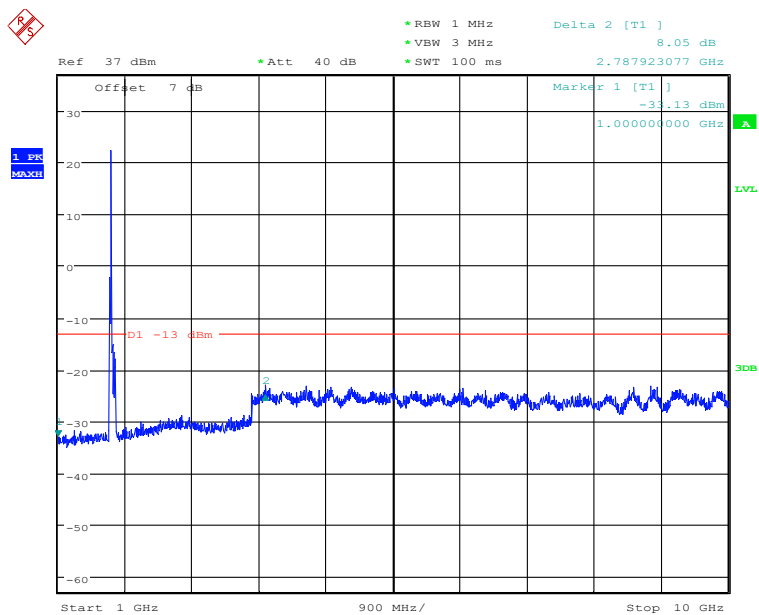
WCDMA Band 4 QPSK Mode Middle Channel, 1732.4 MHz, 10GHz to 20GHz



Date: 16.NOV.2019 16:24:41

WCDMA Band 4 16QAM Mode Middle Channel, 1732.4 MHz, 30MHz to 1GHz

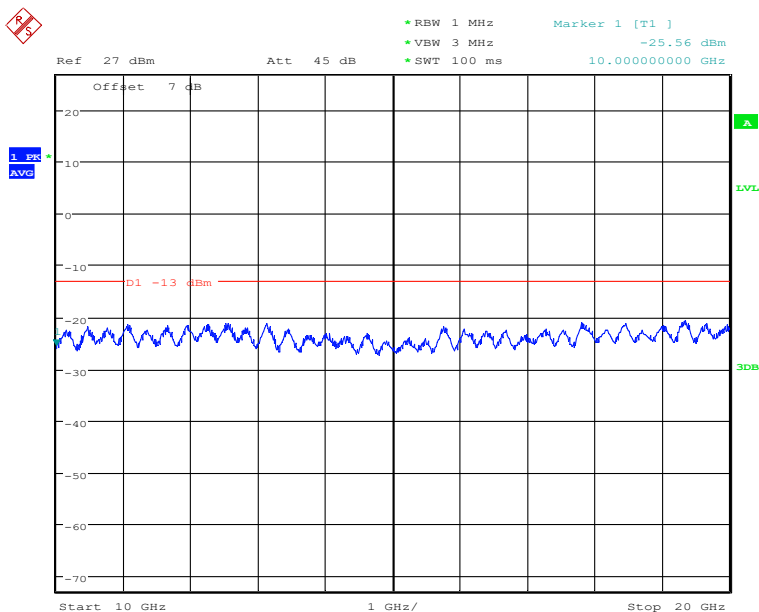
Report No.:B19W50601-WWAN_Rev1



Date: 16.NOV.2019 16:41:05

WCDMA Band 4 16QAM Mode Middle Channel, 1732.4 MHz, 1GHz to 10GHz

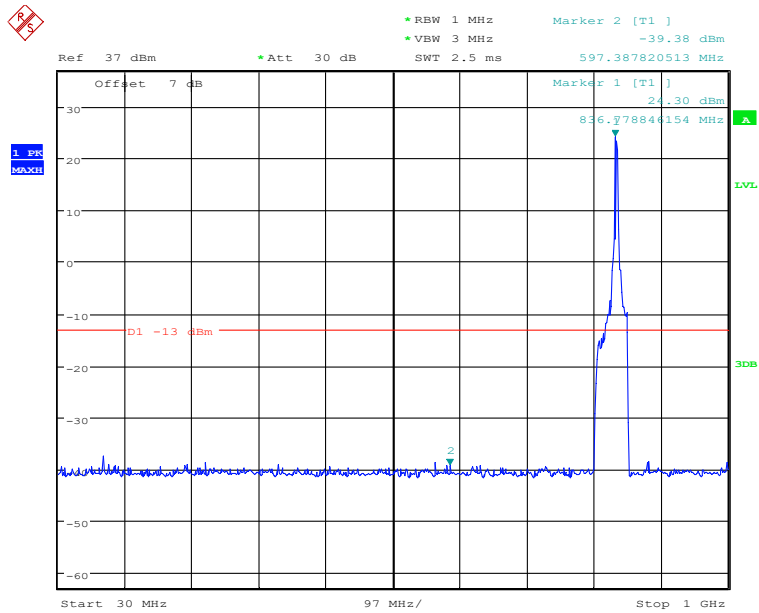
Note: The strong emission shown in each case is the carrier signal.



Date: 16.NOV.2019 16:26:03

WCDMA Band 4 16QAM Mode Middle Channel, 1732.4 MHz, 10GHz to 20GHz

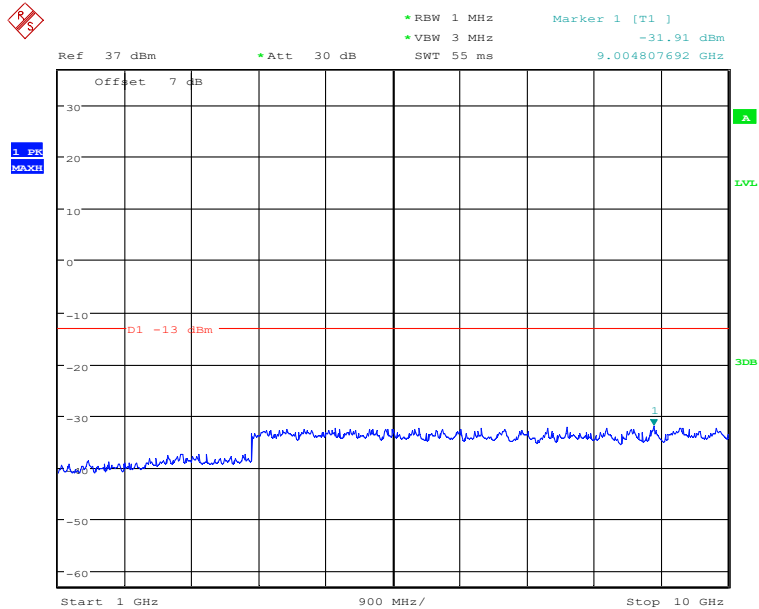
5.3.5 WCDMA Band 5 Conducted Spurious Emission Results



Date: 15.NOV.2019 21:28:51

WCDMA Band 5 QPSK Mode Middle Channel, 836.4 MHz, 30MHz to 1GHz

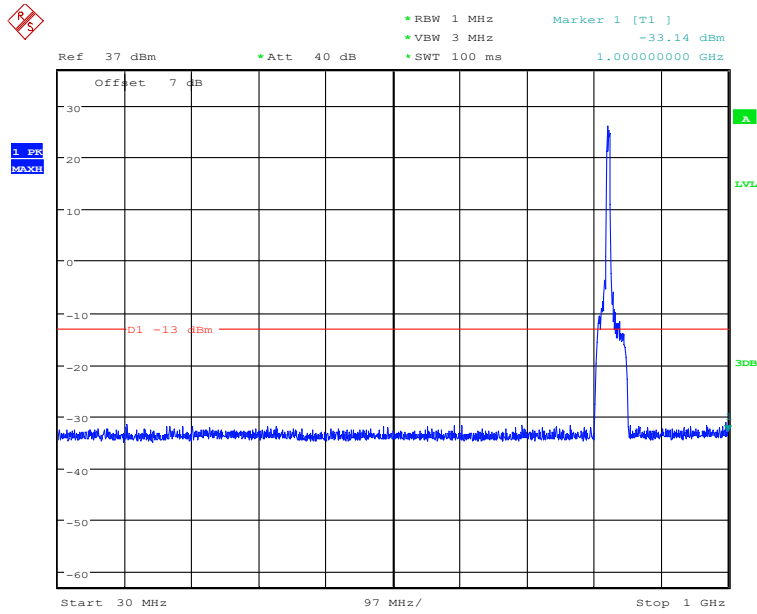
Note: The strong emission shown in each case is the carrier signal.



Date: 15.NOV.2019 21:29:35

WCDMA Band 5 QPSK Mode Middle Channel, 836.4 MHz, 1GHz to 10GHz

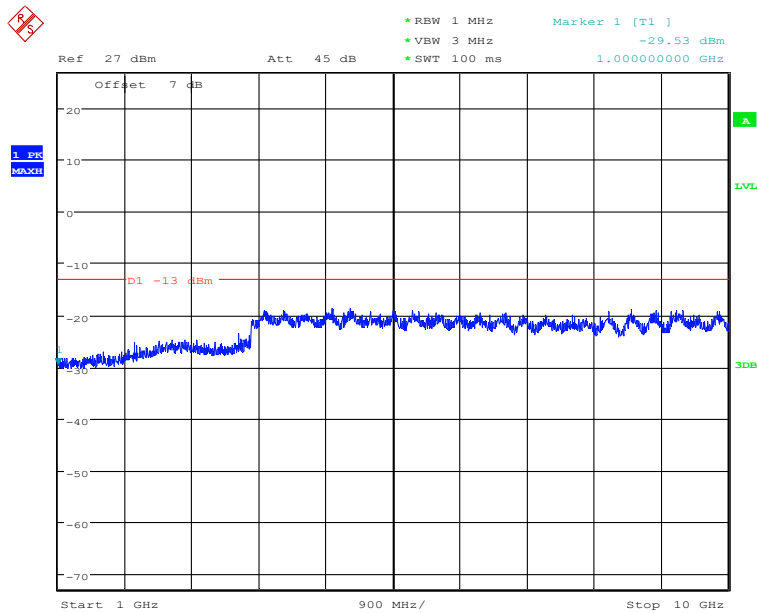
Report No.:B19W50601-WWAN_Rev1



Date: 16.NOV.2019 16:39:45

WCDMA Band 5 16QAM Mode Middle Channel, 836.4 MHz, 30MHz to 1GHz

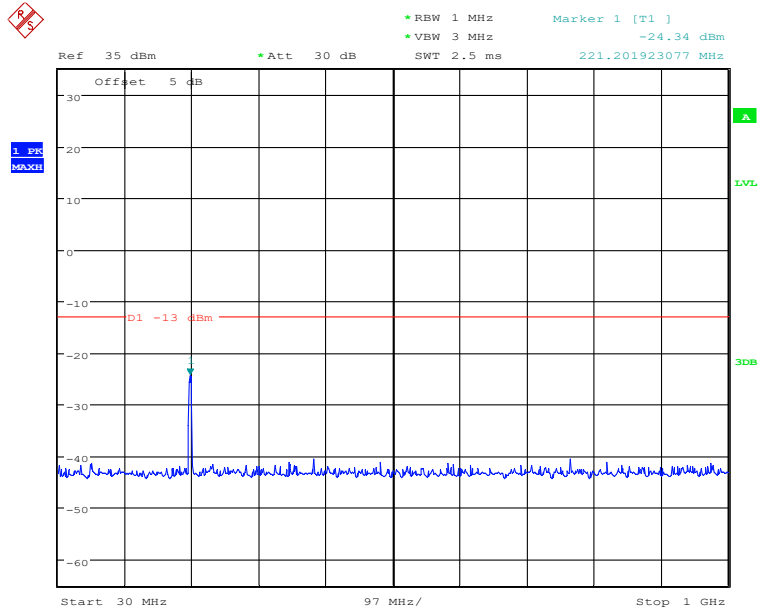
Note: The strong emission shown in each case is the carrier signal.



Date: 16.NOV.2019 16:28:31

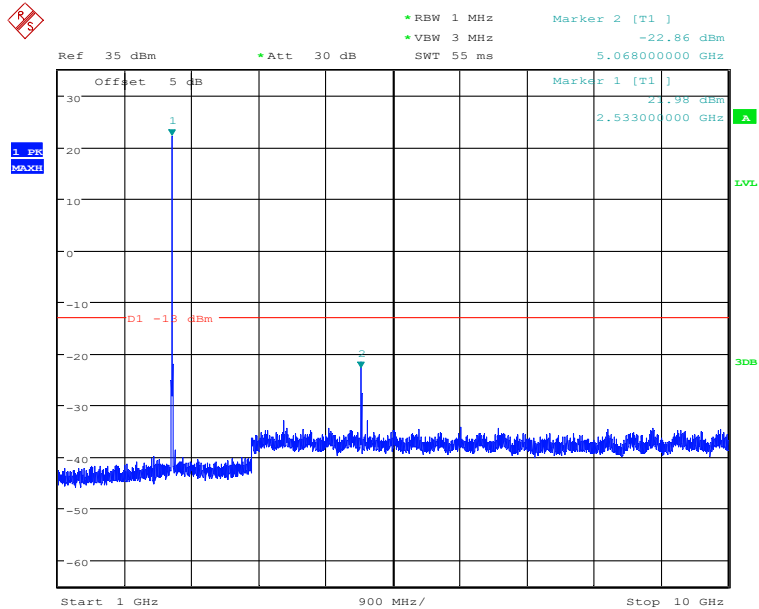
WCDMA Band 5 16QAM Mode Middle Channel, 836.4 MHz, 1GHz to 10GHz

5.3.6 LTE B7 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:29:46

5MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,30MHz to 1GHz

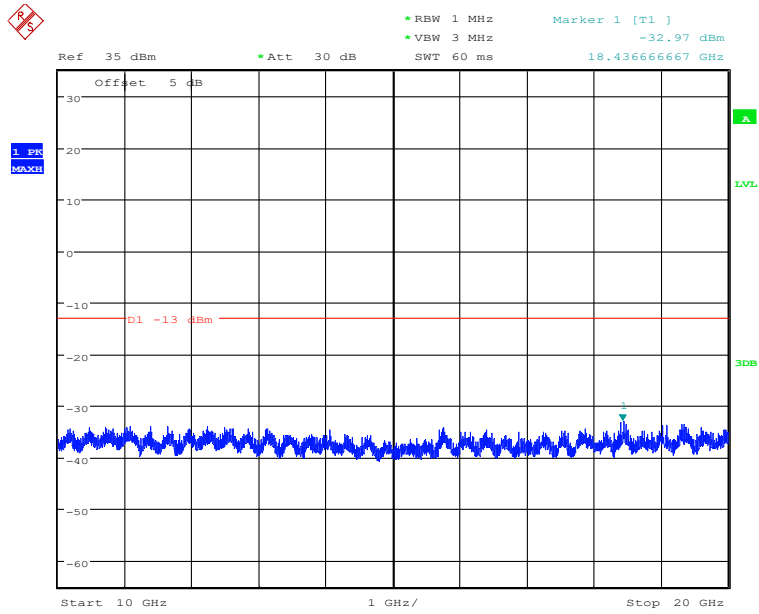


Date: 13.NOV.2019 02:30:41

5MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,1GHz to 10GHz

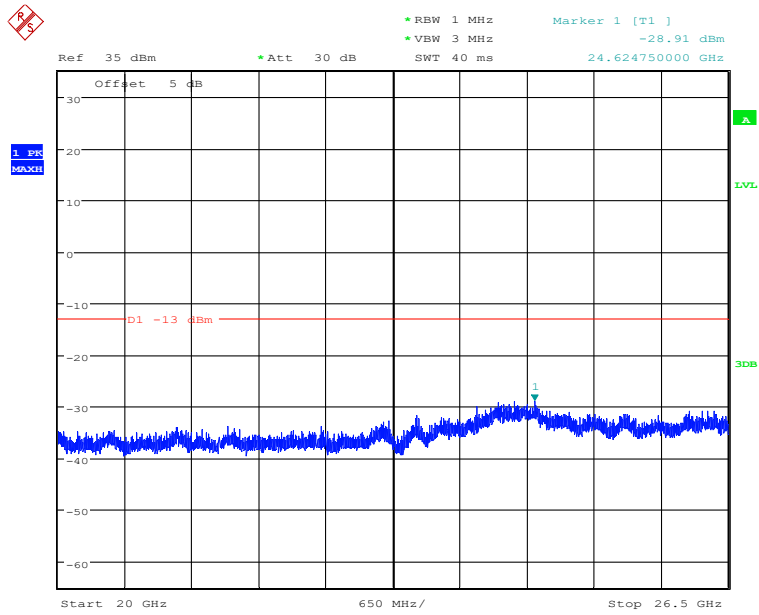
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:30:54

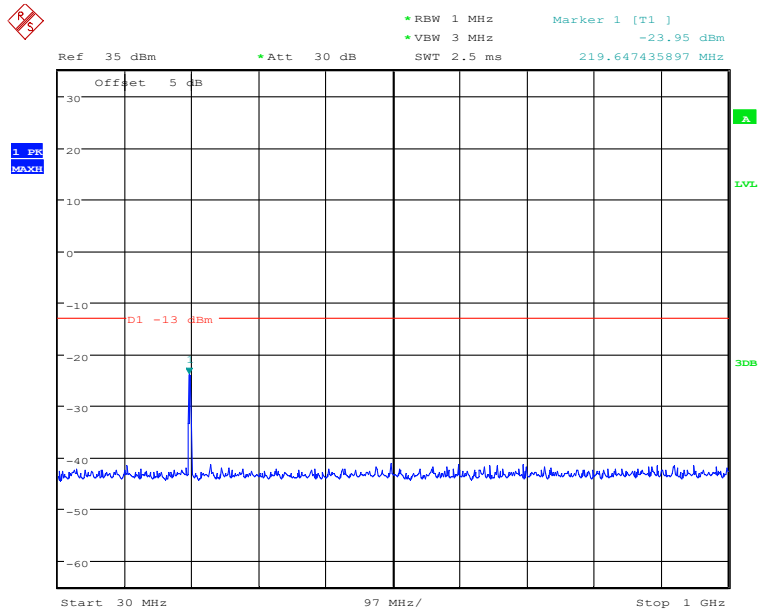
5MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:34:57

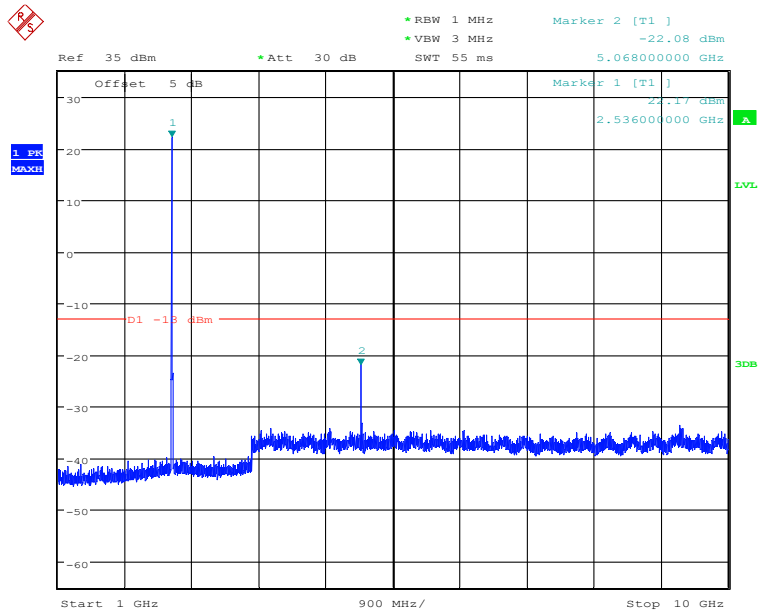
5MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:30:02

5MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,30MHz to 1GHz

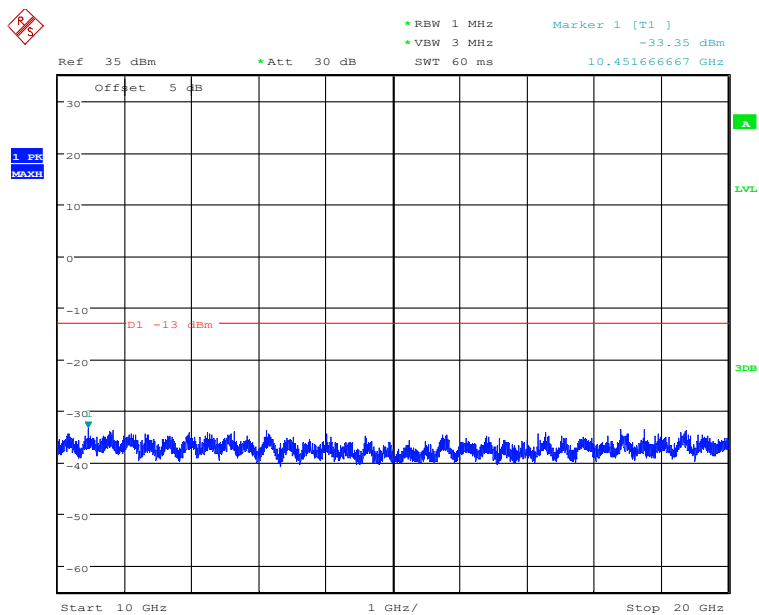


Date: 13.NOV.2019 02:30:27

5MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,1GHz to 10GHz

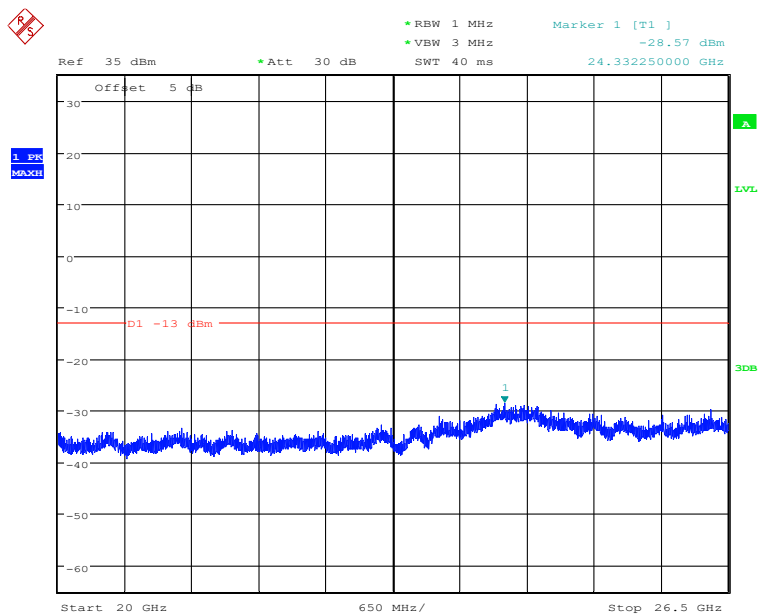
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:31:04

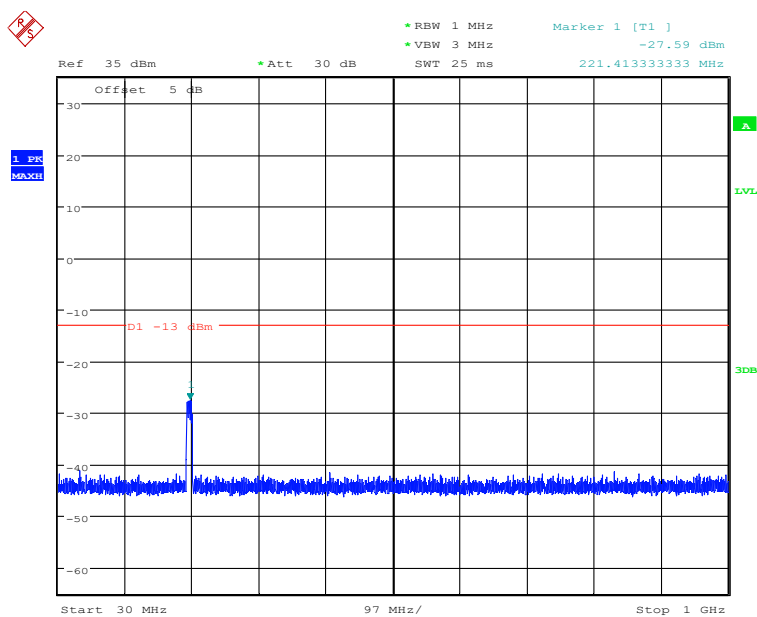
5MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:34:49

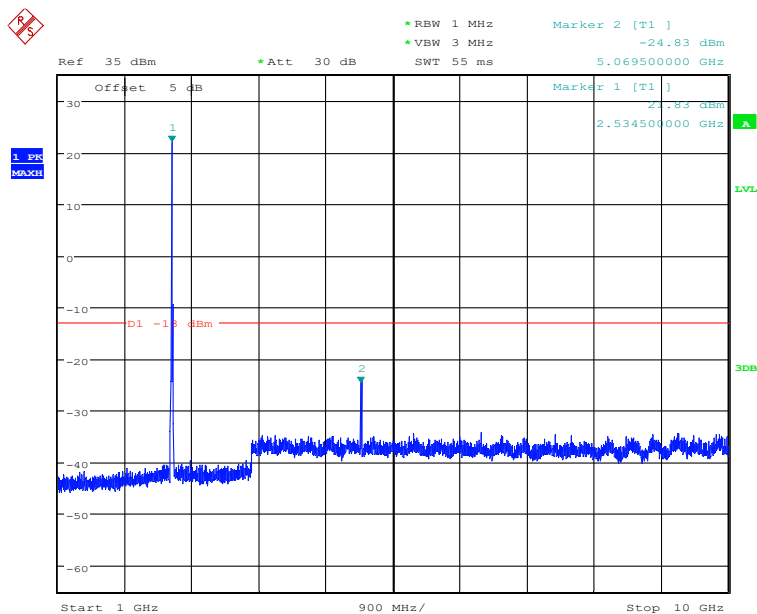
5MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:36:44

10MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,30MHz to 1GHz

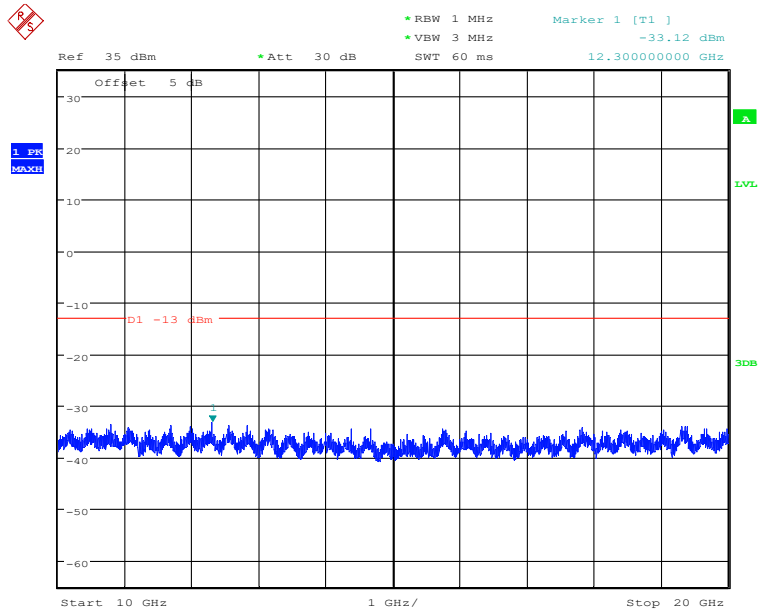


Date: 13.NOV.2019 02:36:14

10MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,1GHz to 10GHz

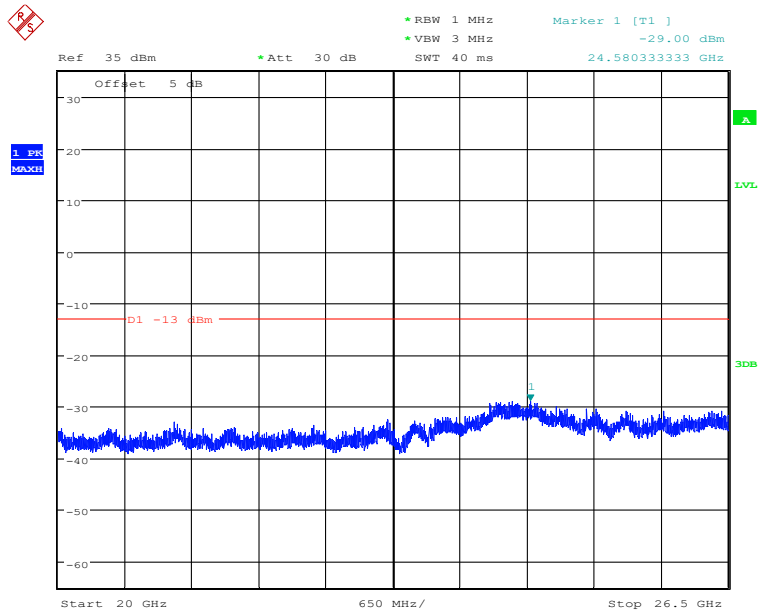
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:36:00

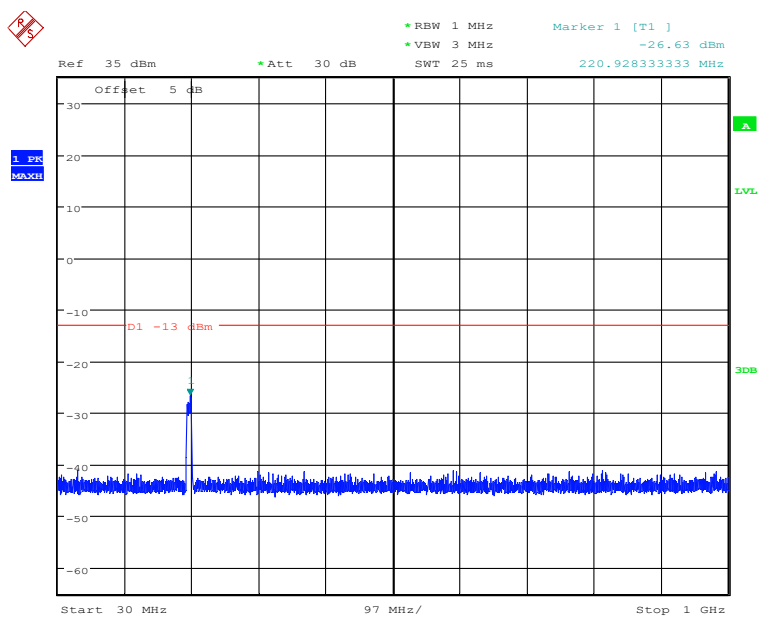
10MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:35:22

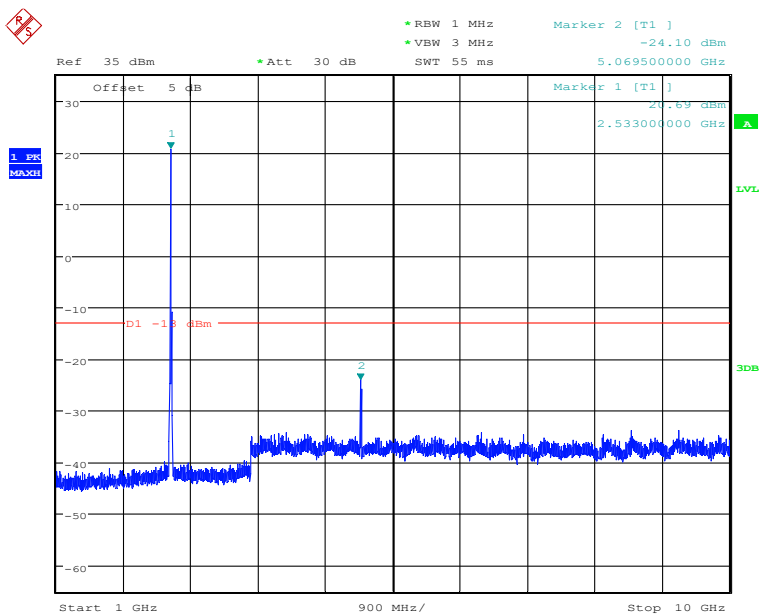
10MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:36:36

10MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,30MHz to 1GHz

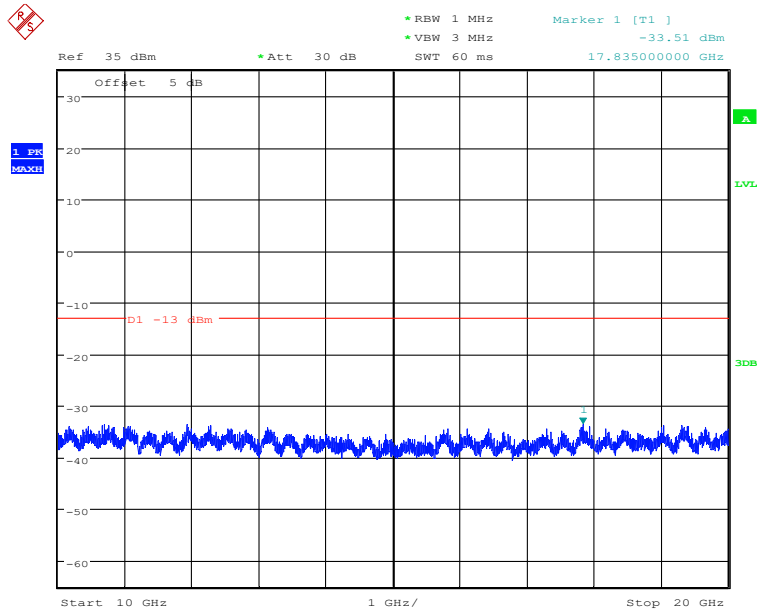


Date: 13.NOV.2019 02:36:24

10MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,1GHz to 10GHz

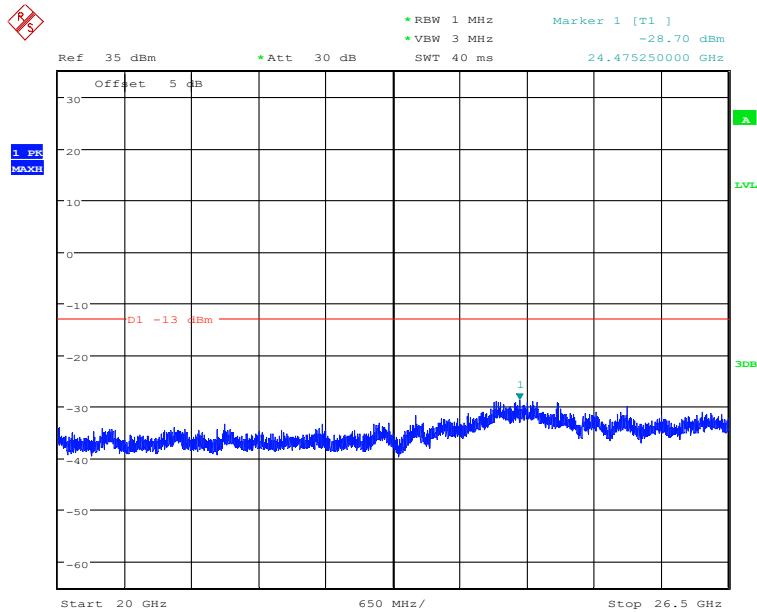
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:35:51

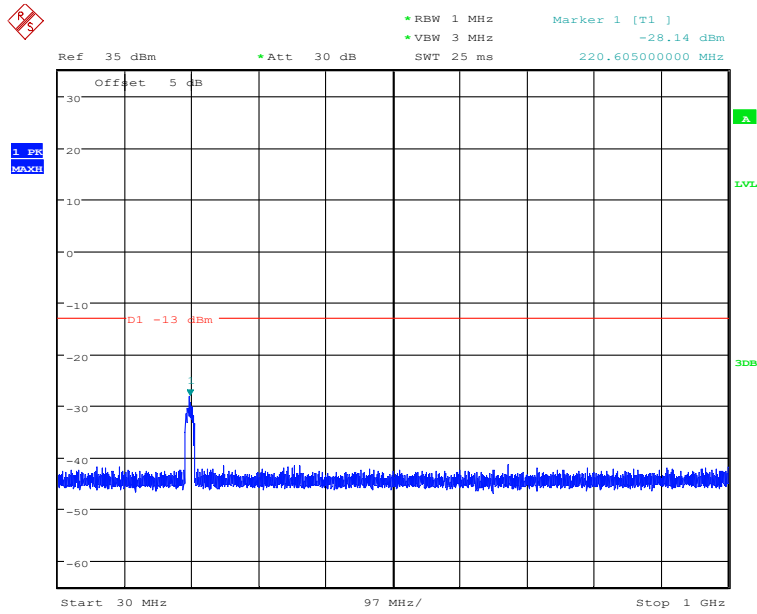
10MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz, 10GHz to 20GHz



Date: 13.NOV.2019 02:35:35

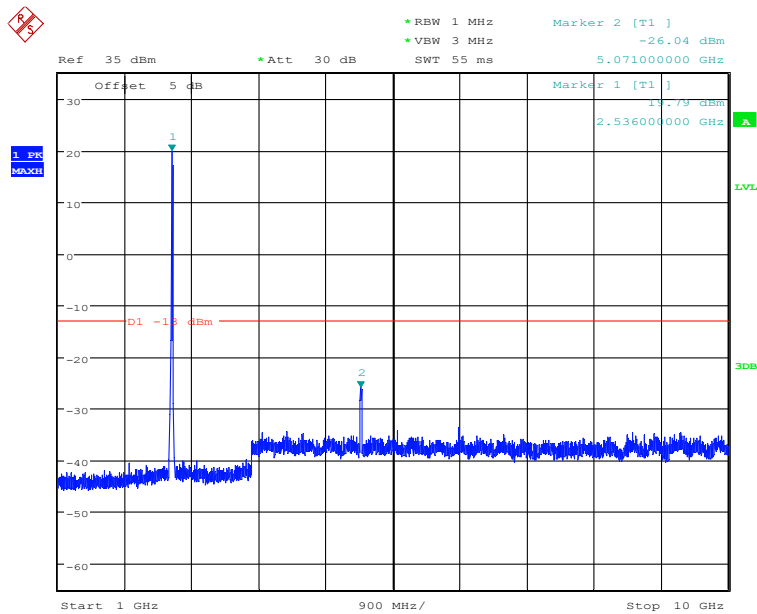
10MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz, 20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:37:02

15MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,30MHz to 1GHz

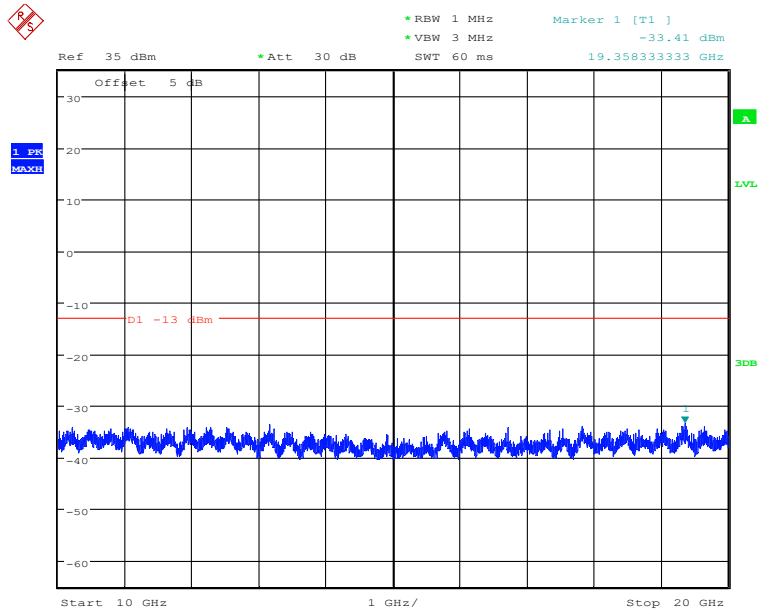


Date: 13.NOV.2019 02:37:33

15MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,1GHz to 10GHz

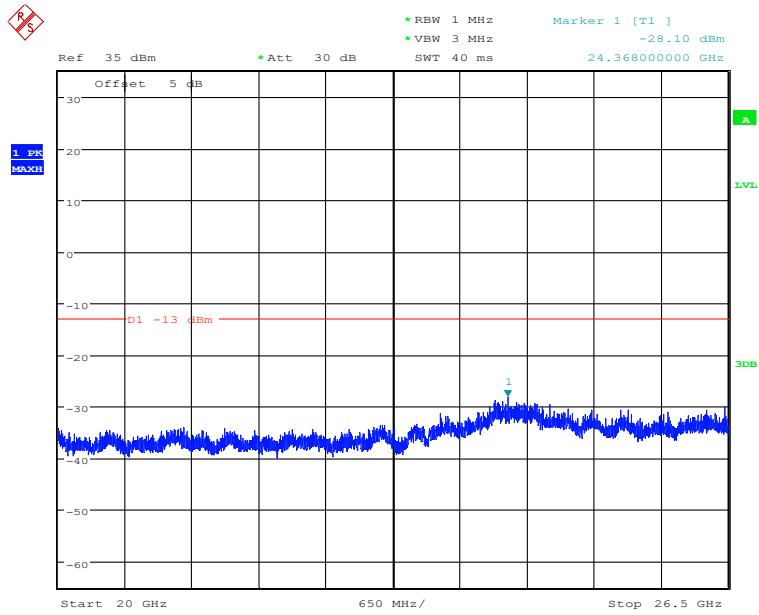
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:37:46

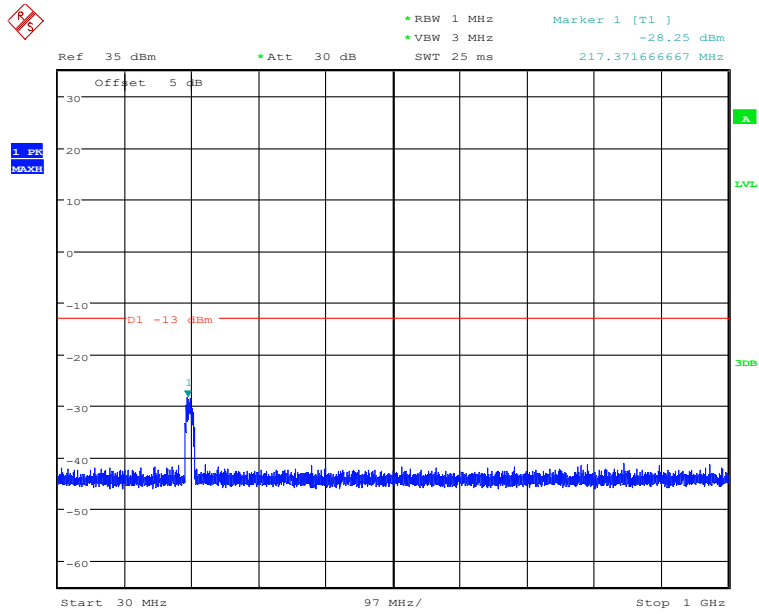
15MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:38:20

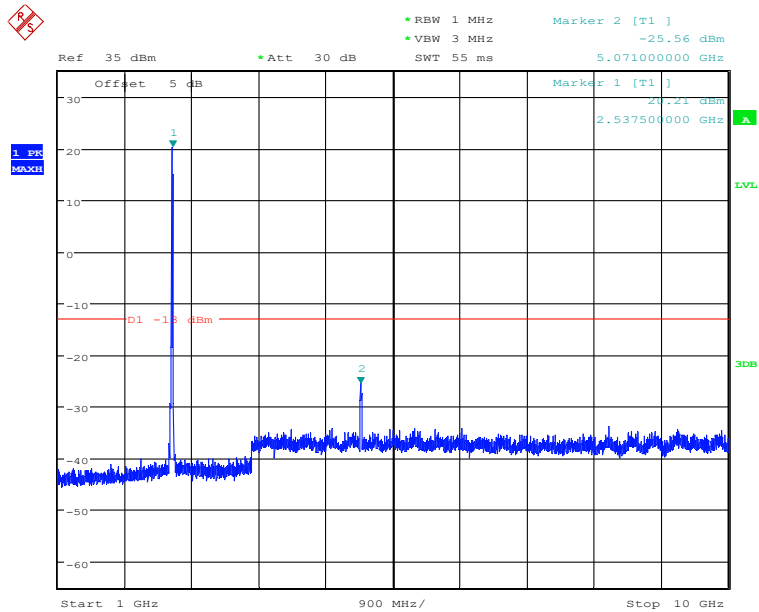
15MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:37:11

15MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,30MHz to 1GHz

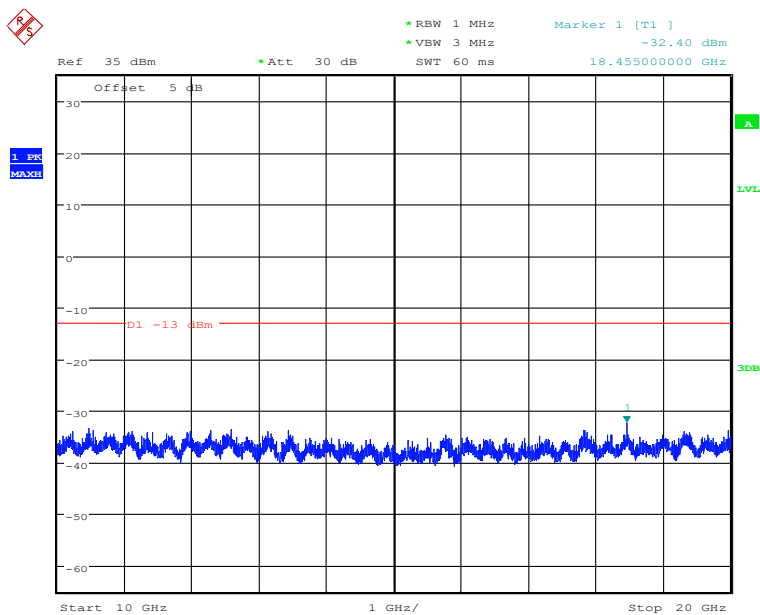


Date: 13.NOV.2019 02:37:25

15MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,1GHz to 10GHz

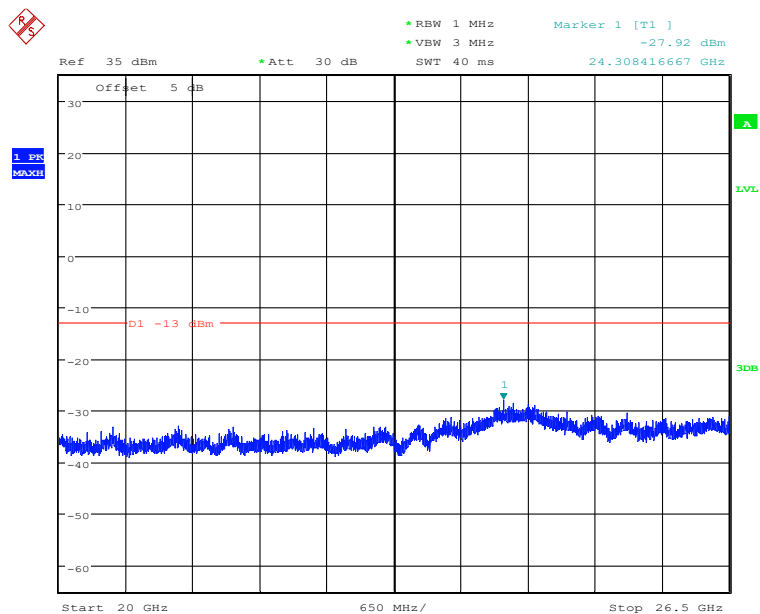
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:37:55

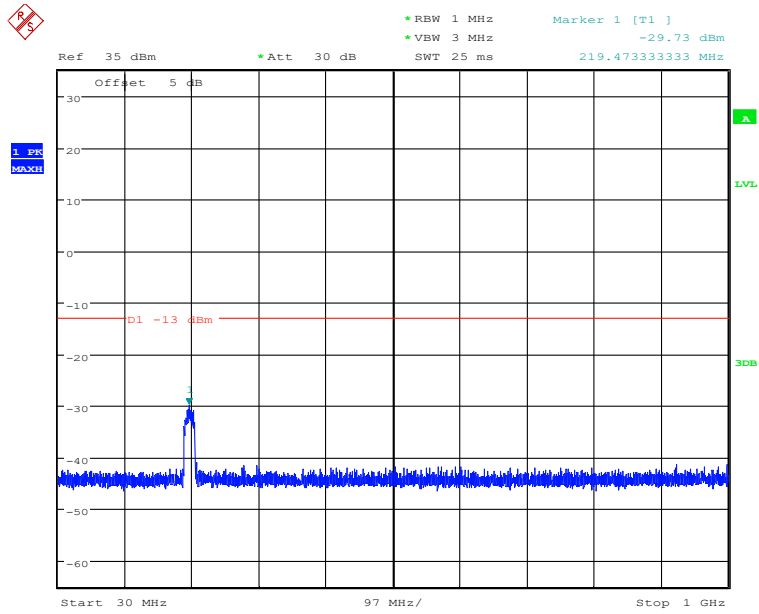
15MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:38:11

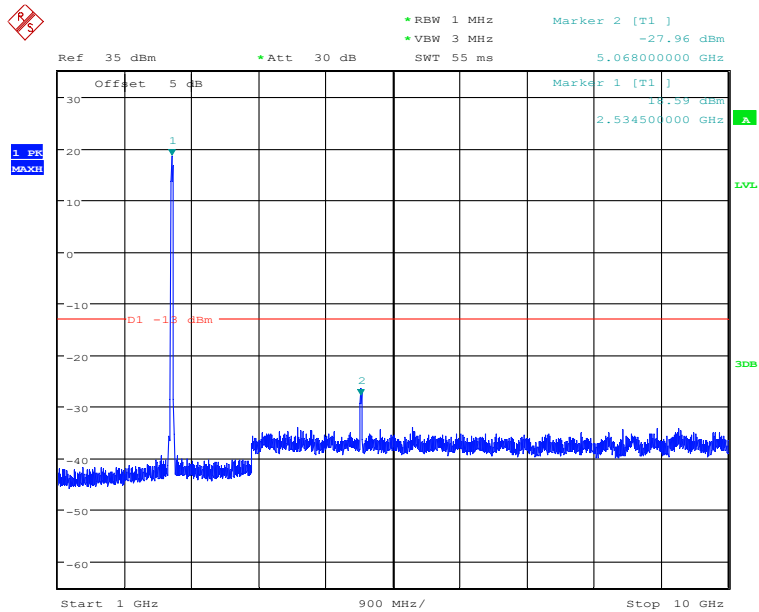
15MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:40:01

20MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,30MHz to 1GHz

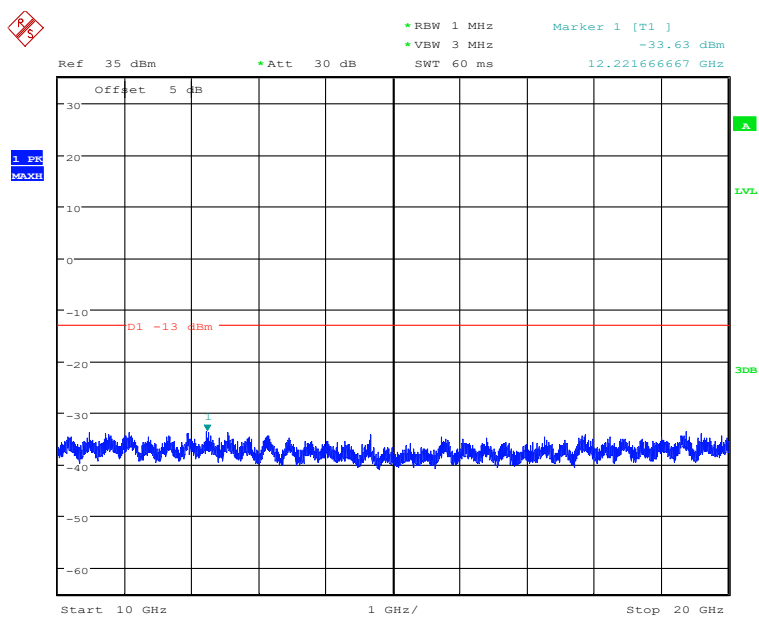


Date: 13.NOV.2019 02:39:28

20MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,1GHz to 10GHz

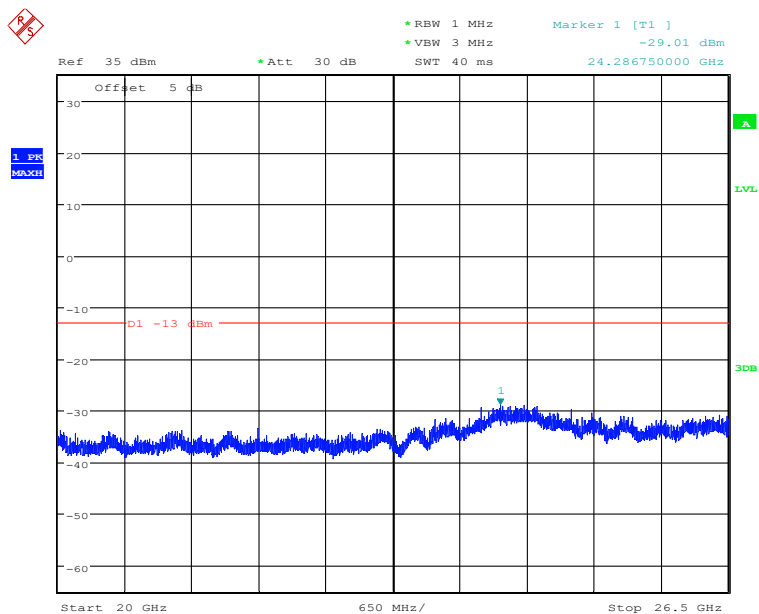
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:39:14

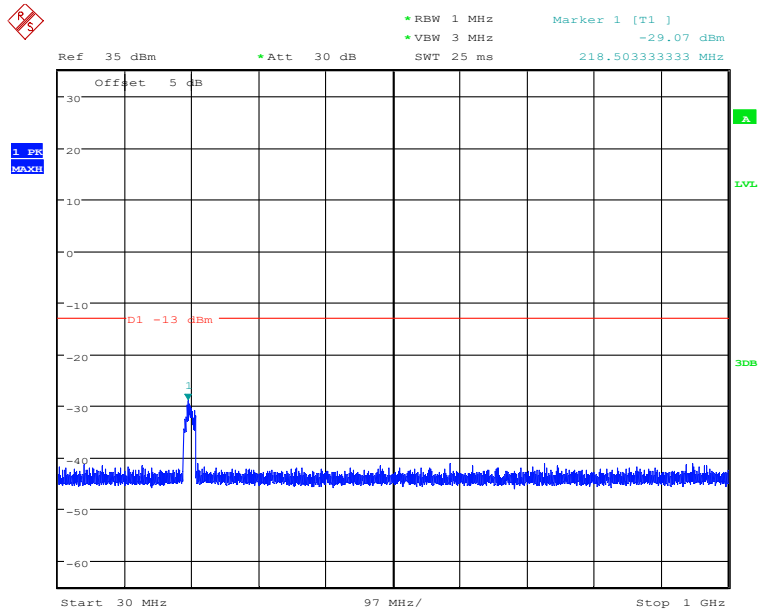
20MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:38:39

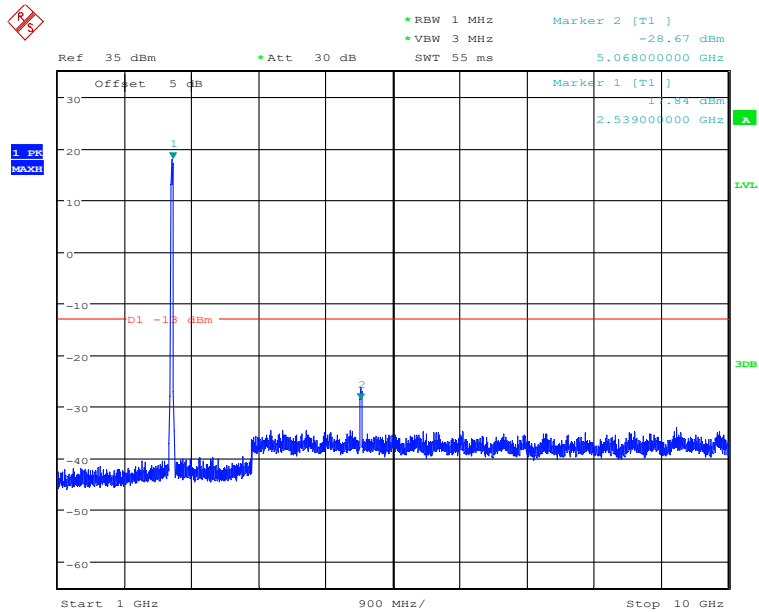
20MHz bandwidth QPSK Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

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Date: 13.NOV.2019 02:39:53

20MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,30MHz to 1GHz

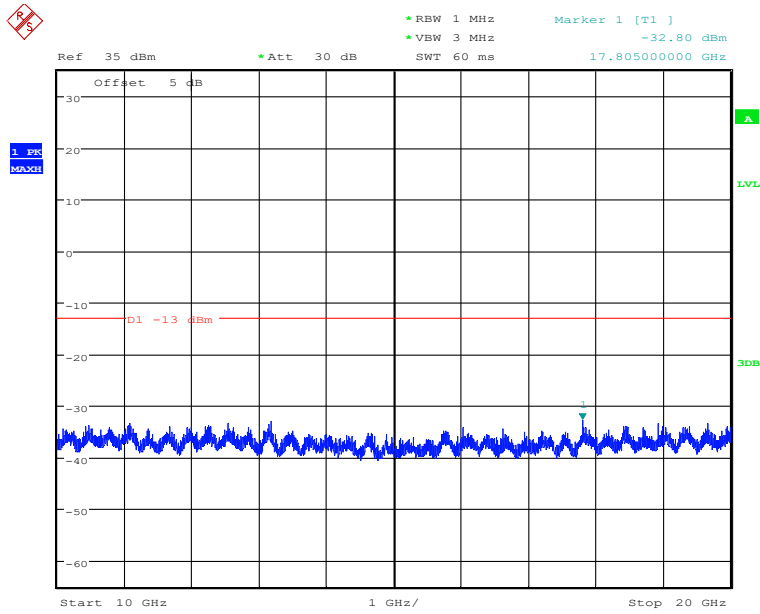


Date: 13.NOV.2019 02:39:36

20MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,1GHz to 10GHz

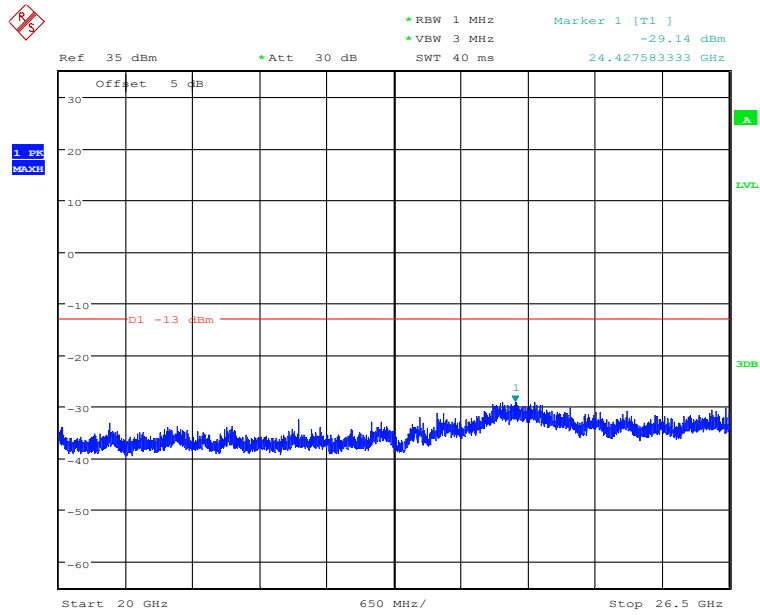
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:39:05

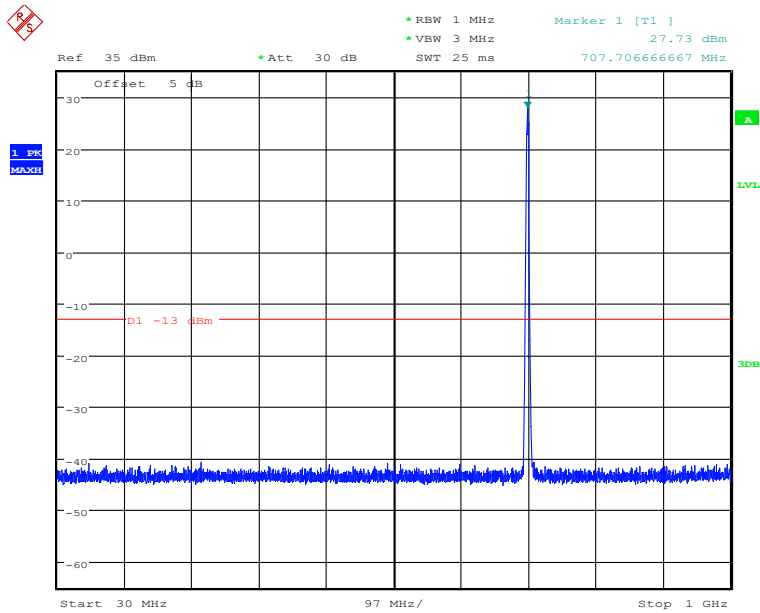
20MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,10GHz to 20GHz



Date: 13.NOV.2019 02:38:48

20MHz bandwidth 16QAM Mode Middle Channel, 2535 MHz,20GHz to 26.5GHz

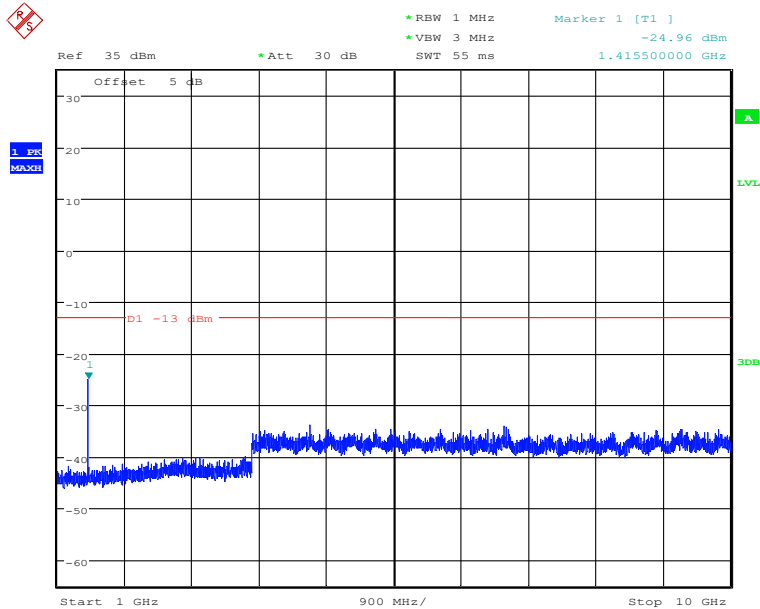
5.3.7 LTE B12 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:43:27

1.4MHz bandwidth QPSK Mode Middle channel, 707.5MHz, 30MHz to 1GHz

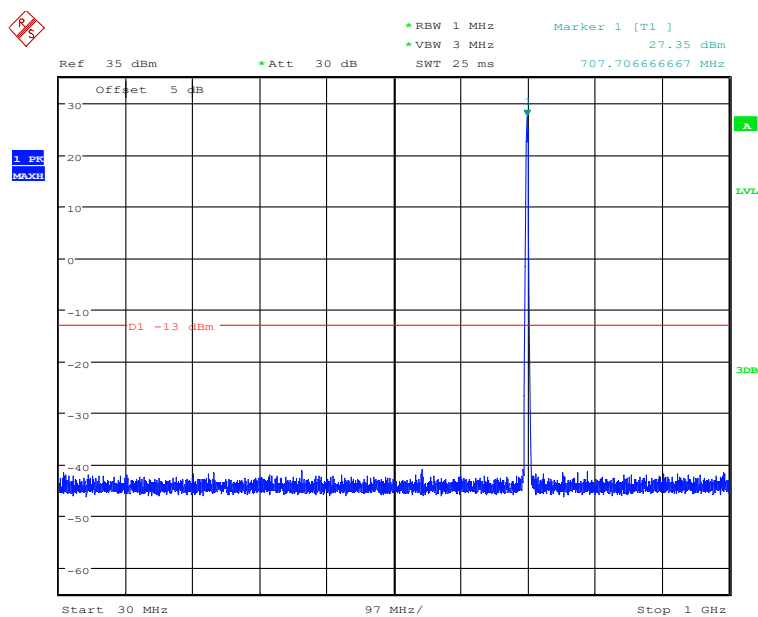
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:44:09

1.4MHz bandwidth QPSK Middle channel, 707.5MHz, 1GHz to 10GHz

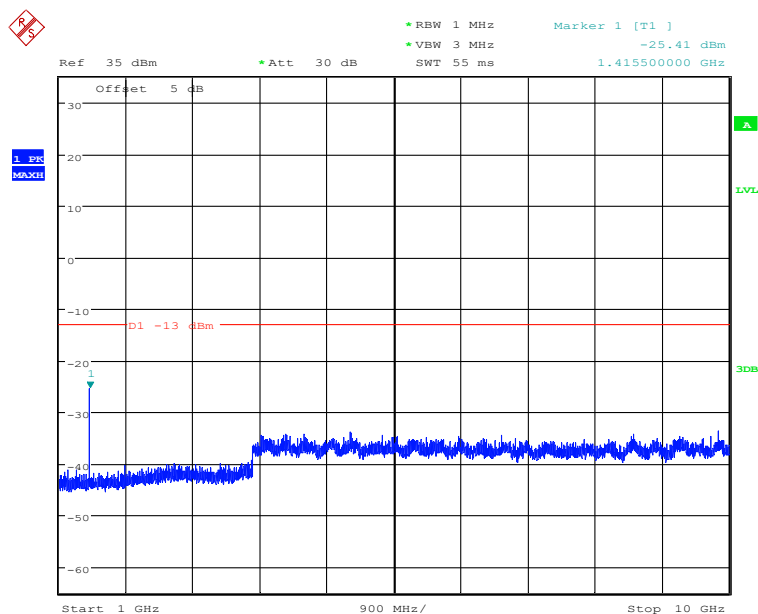
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:43:36

1.4MHz bandwidth 16QAM Mode Middle channel, 707.5MHz, 30MHz to 1GHz

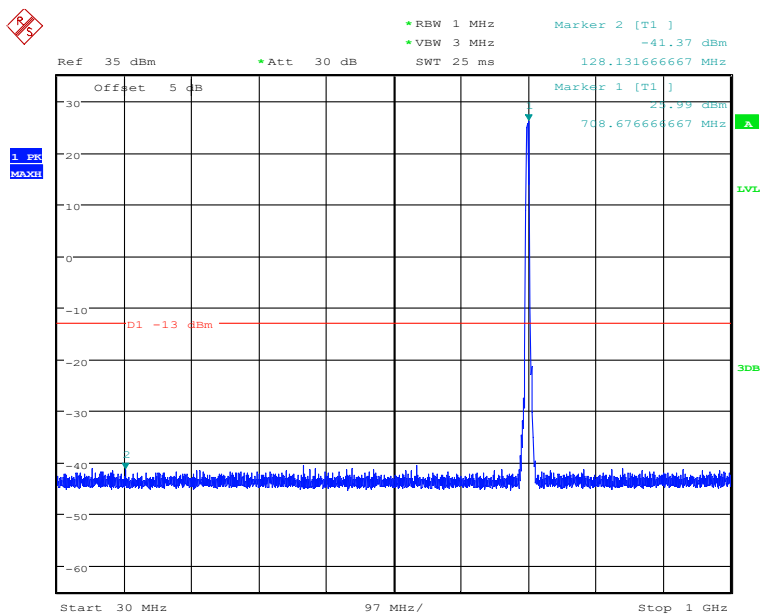
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:44:01

1.4MHz bandwidth 16QAM Middle channel, 707.5MHz, 1GHz to 10GHz

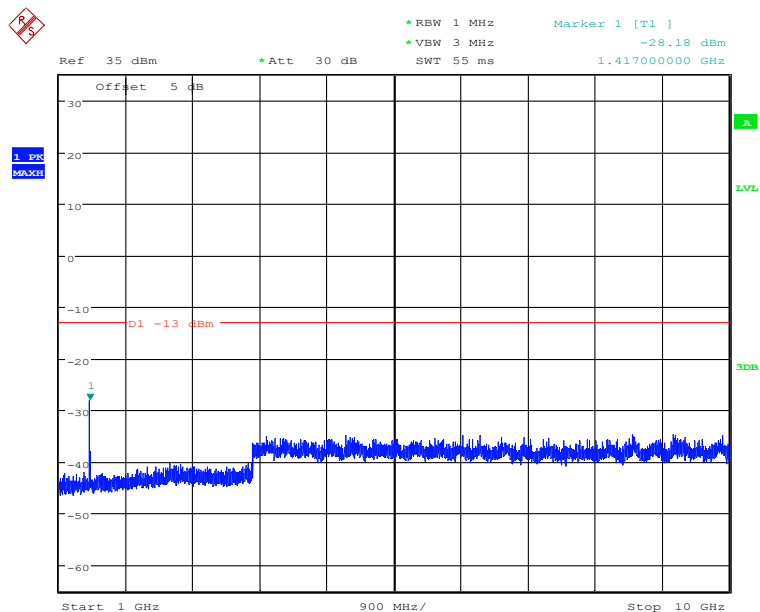
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:45:38

3MHz bandwidth QPSK Mode Middle channel, 707.5MHz, 30MHz to 1GHz

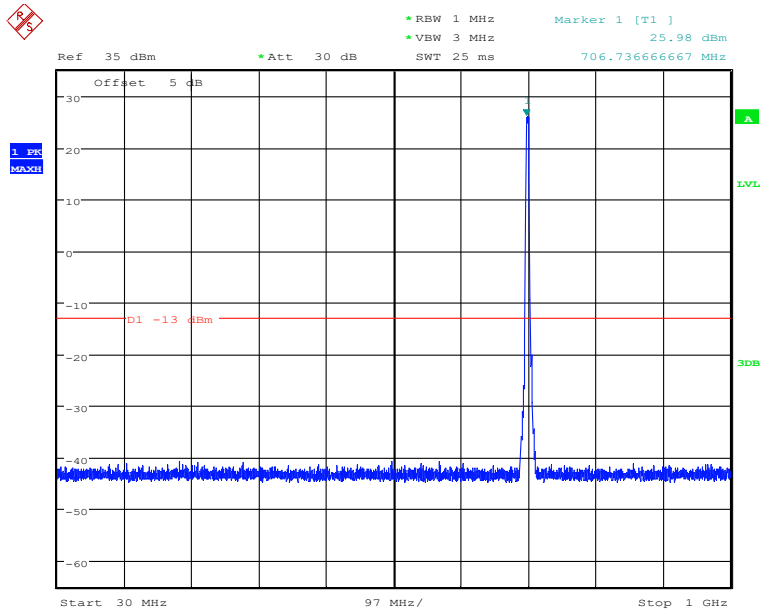
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:44:22

3MHz bandwidth QPSK Middle channel, 707.5MHz, 1GHz to 10GHz

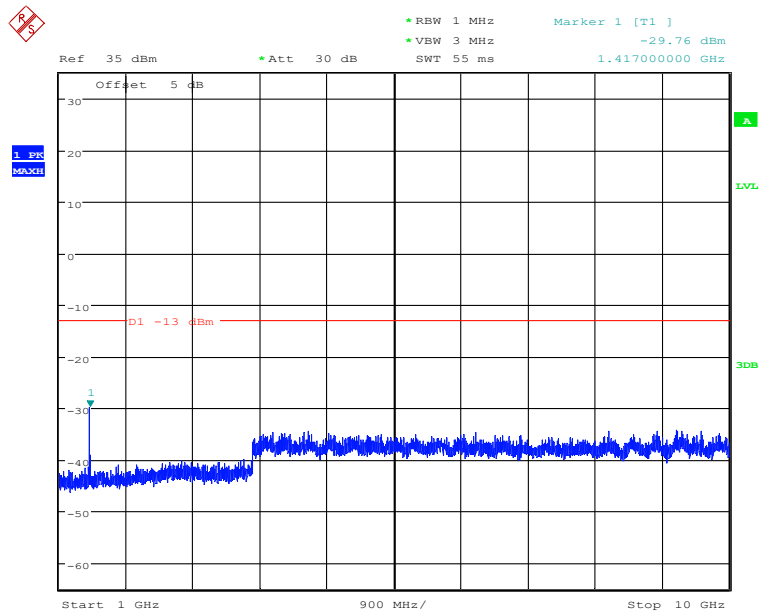
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:45:17

3MHz bandwidth 16QAM Mode Middle channel, 707.5MHz, 30MHz to 1GHz

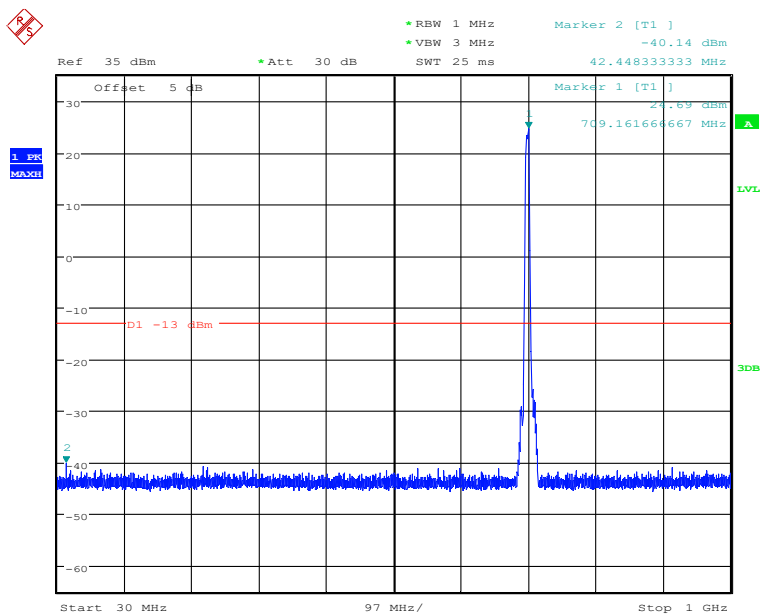
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:44:30

3MHz bandwidth 16QAM Middle channel, 707.5MHz, 1GHz to 10GHz

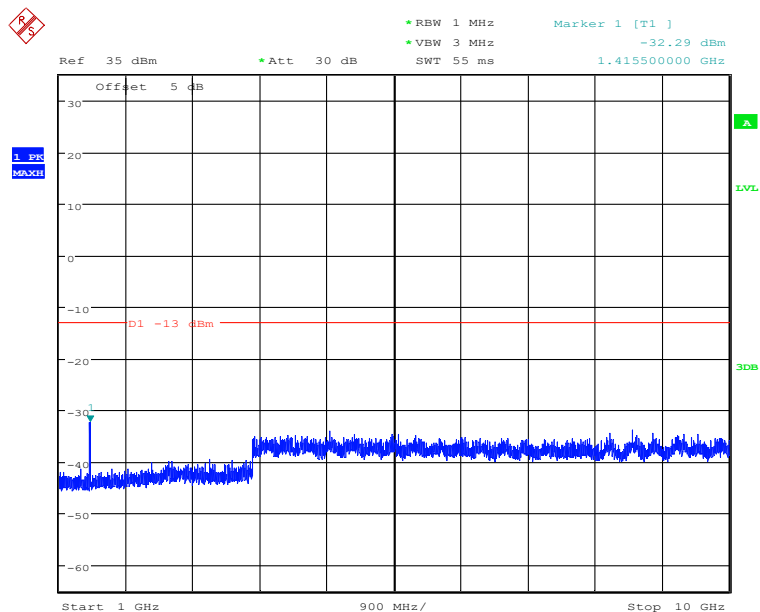
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:45:58

5MHz bandwidth QPSK Mode Middle channel, 707.5MHz, 30MHz to 1GHz

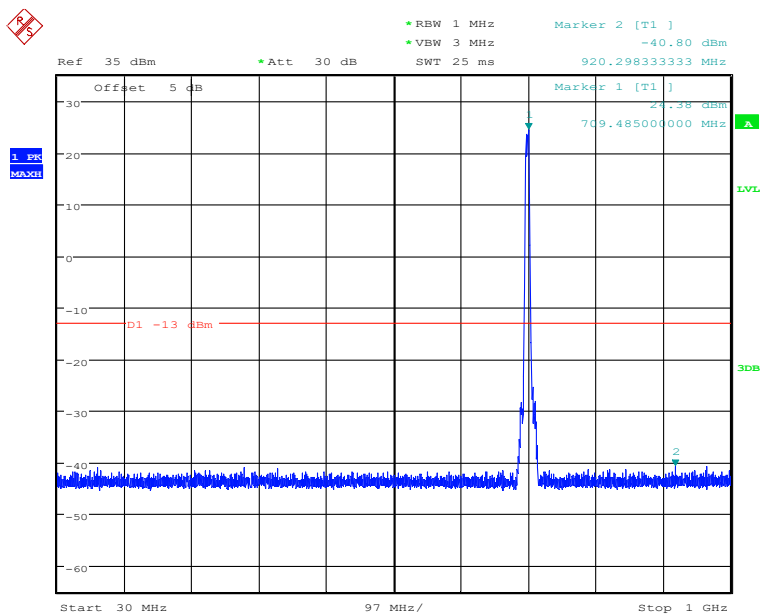
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:46:40

5MHz bandwidth QPSK Middle channel, 707.5MHz,1GHz to 10GHz

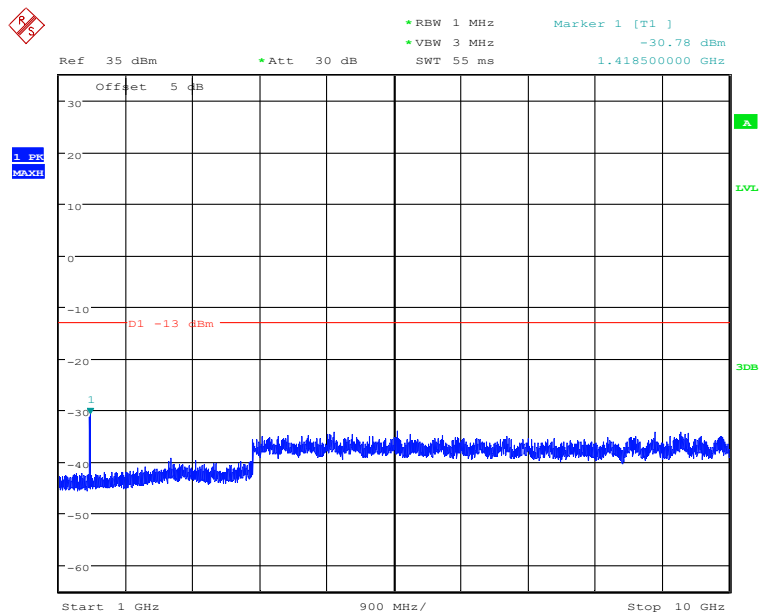
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:46:18

5MHz bandwidth 16QAM Mode Middle channel, 707.5MHz, 30MHz to 1GHz

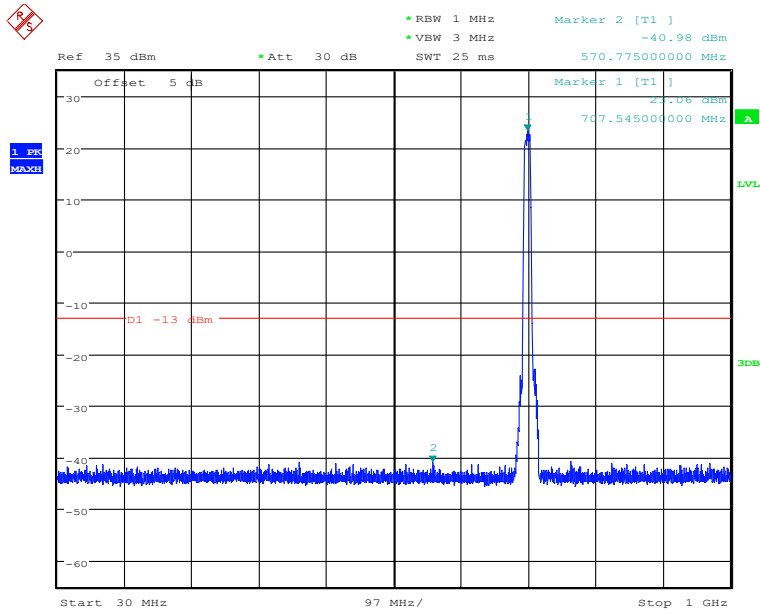
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:46:31

5MHz bandwidth 16QAM Middle channel, 707.5MHz, 1GHz to 10GHz

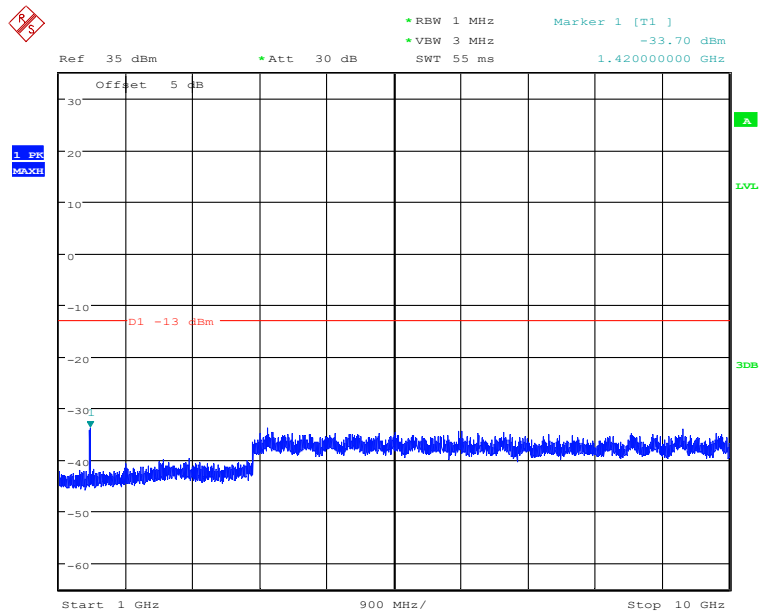
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:48:01

10MHz bandwidth QPSK Mode Middle channel, 707.5MHz, 30MHz to 1GHz

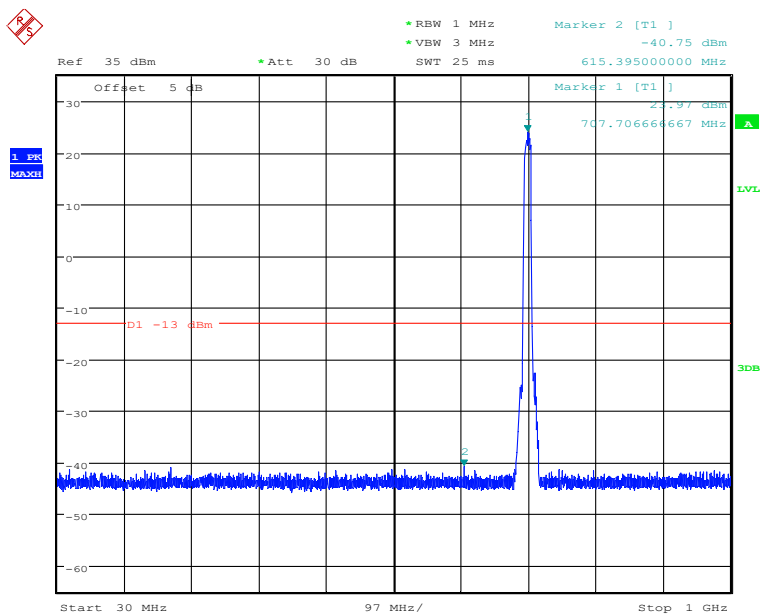
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:47:16

10MHz bandwidth QPSK Middle channel, 707.5MHz, 1GHz to 10GHz

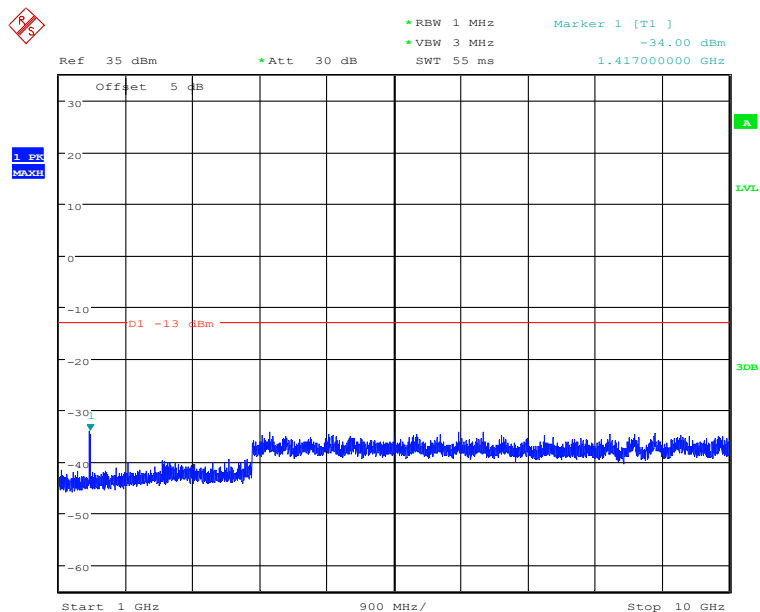
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:47:44

10MHz bandwidth 16QAM Mode Middle channel, 707.5MHz, 30MHz to 1GHz

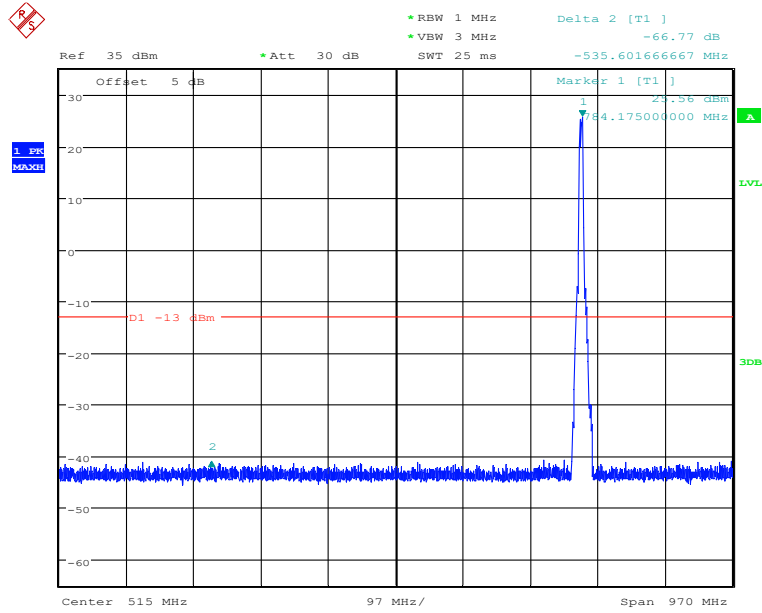
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:47:25

10MHz bandwidth 16QAM Middle channel, 707.5MHz, 1GHz to 10GHz

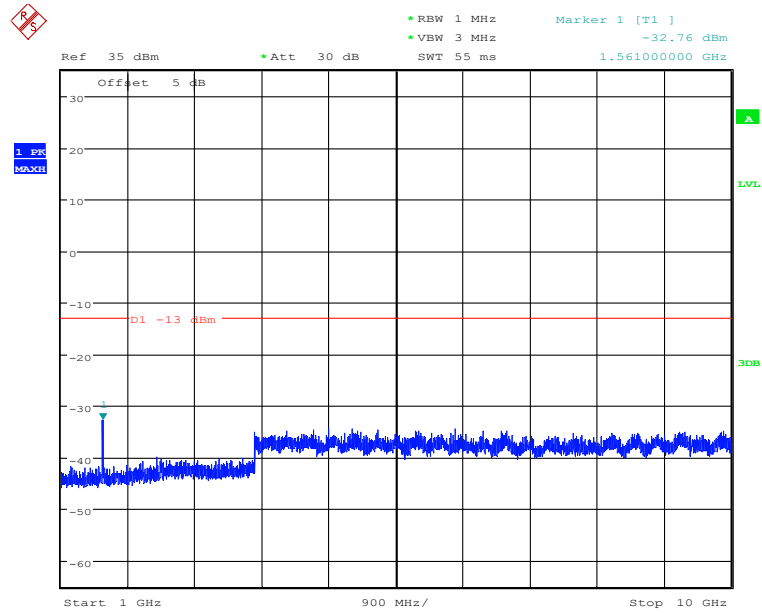
5.3.8 LTE B13 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:48:59

5 MHz bandwidth QPSK Mode Middle Channel, 782 MHz,30MHz to 1GHz

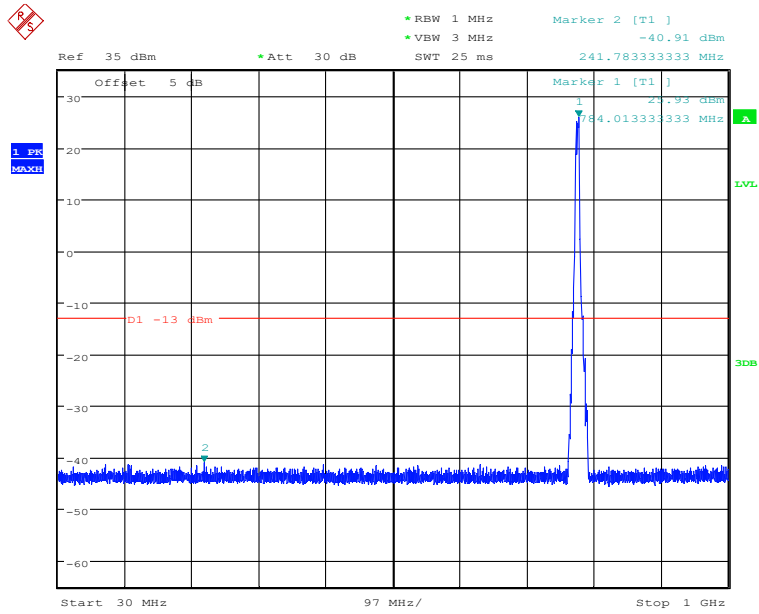
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:49:41

5 MHz bandwidth QPSK Mode Middle Channel, 782 MHz,1GHz to 10GHz

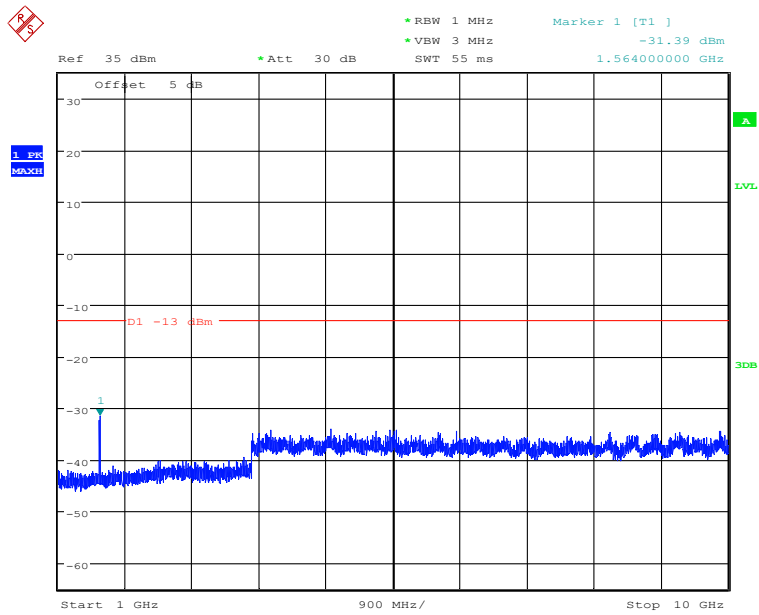
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:49:20

5 MHz bandwidth 16QAM Mode Middle Channel, 782 MHz,30MHz to 1GHz

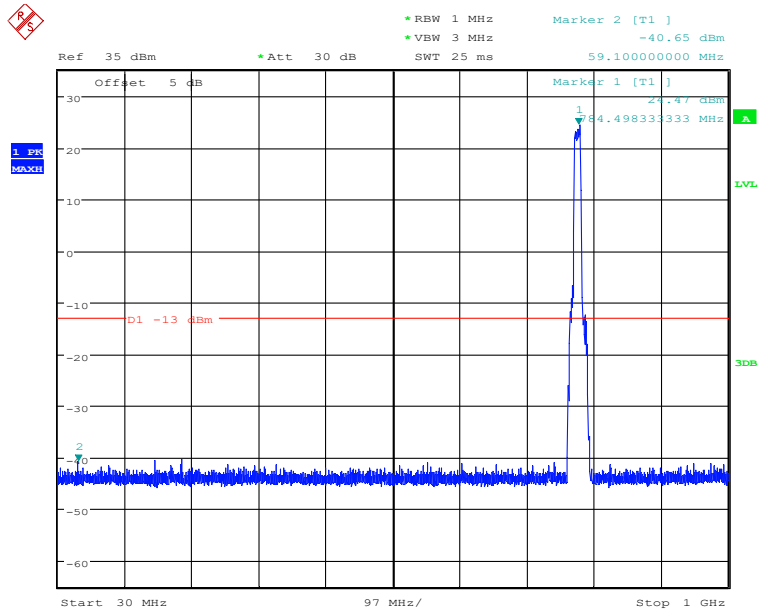
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:49:32

5 MHz bandwidth 16QAM Mode Middle Channel, 782 MHz,1GHz to 10GHz

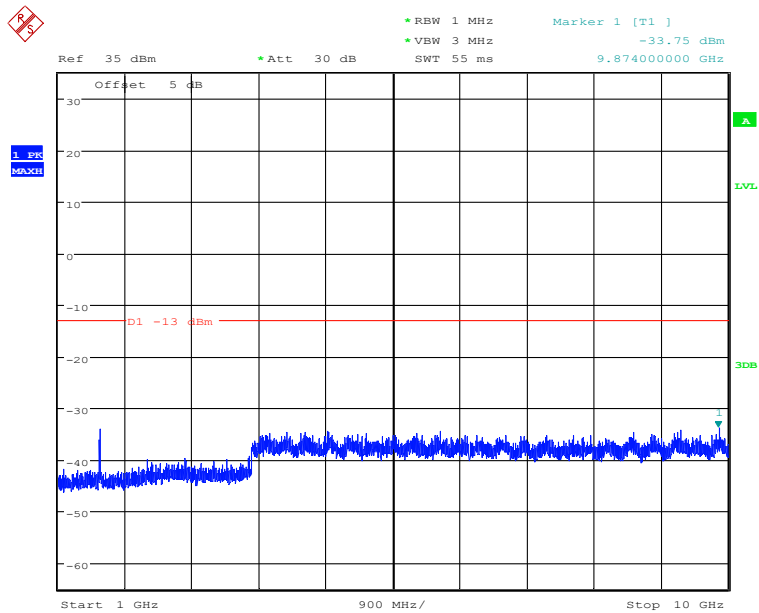
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:50:46

10MHz bandwidth QPSK Mode Middle Channel, 782 MHz,30MHz to 1GHz

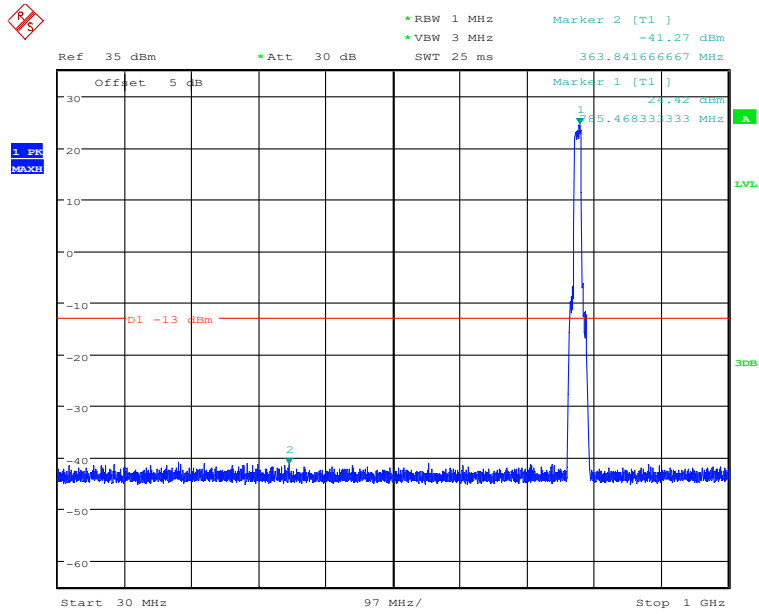
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:49:56

10MHz bandwidth QPSK Mode Middle Channel, 782 MHz, 1GHz to 10GHz

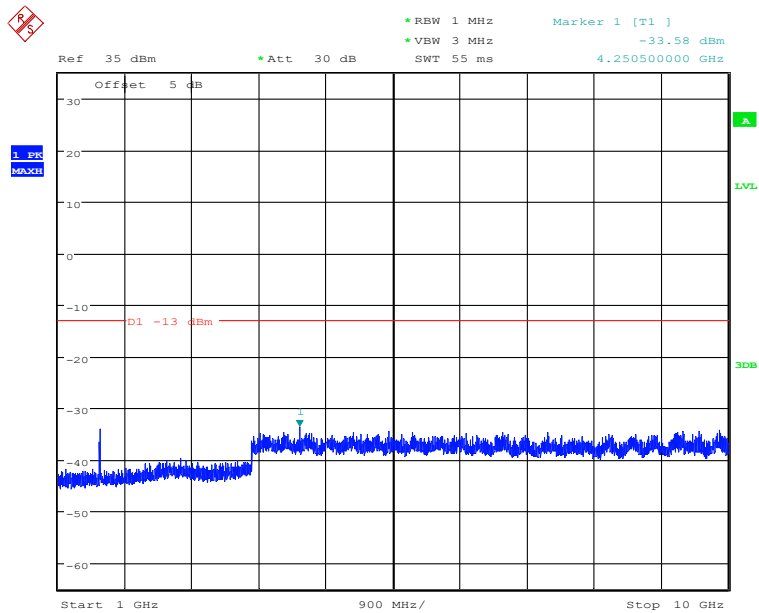
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:50:33

10MHz bandwidth 16QAM Mode Middle Channel, 782 MHz,30MHz to 1GHz

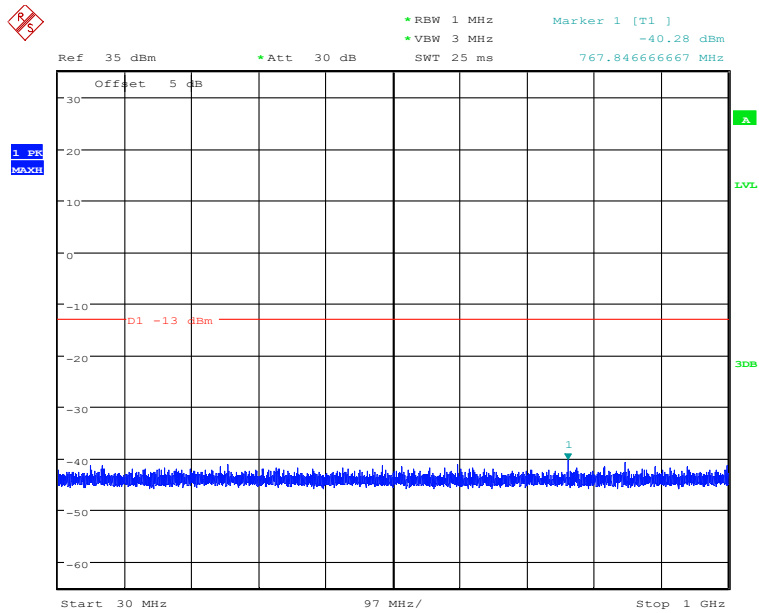
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:50:06

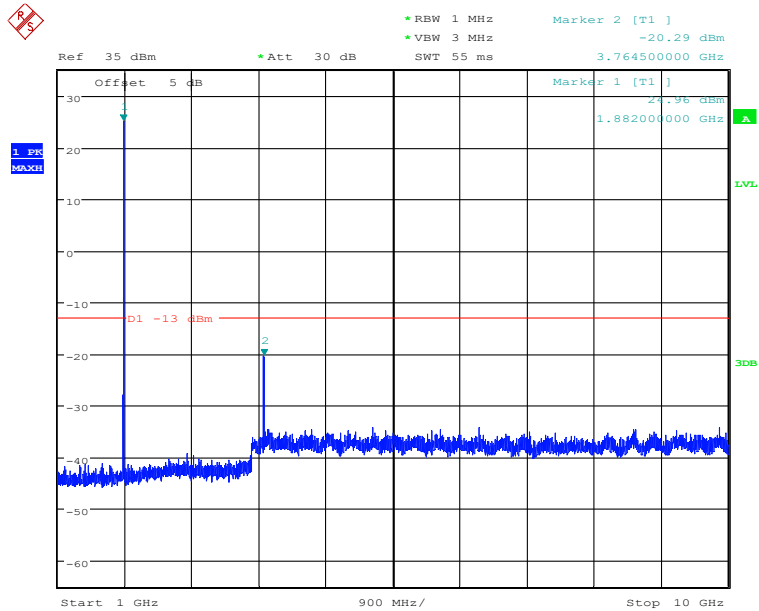
10MHz bandwidth 16QAM Mode Middle Channel, 782 MHz, 1GHz to 10GHz

5.3.9 LTE B25 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:51:30

1.4 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

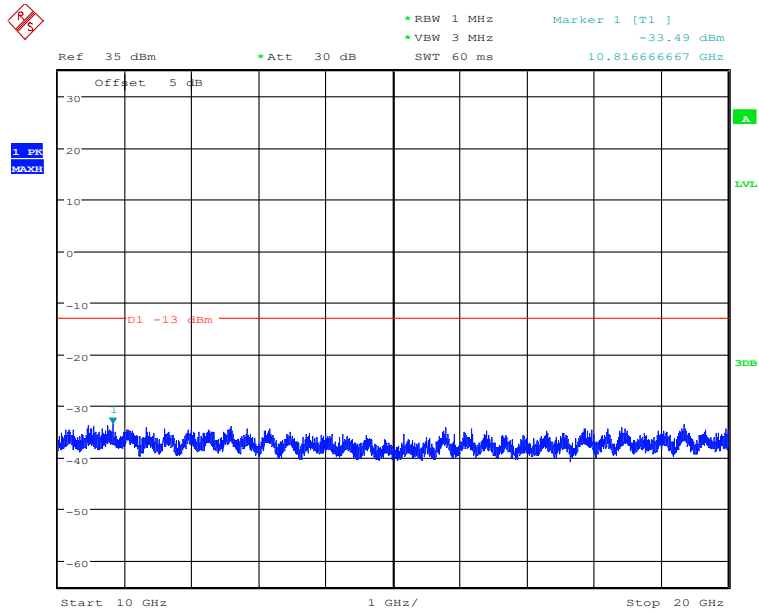


Date: 13.NOV.2019 02:52:00

1.4 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

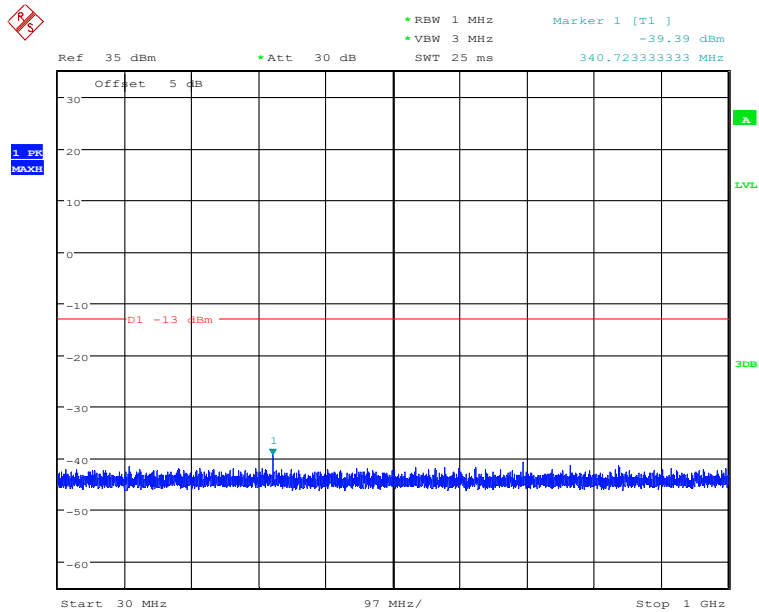
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:52:12

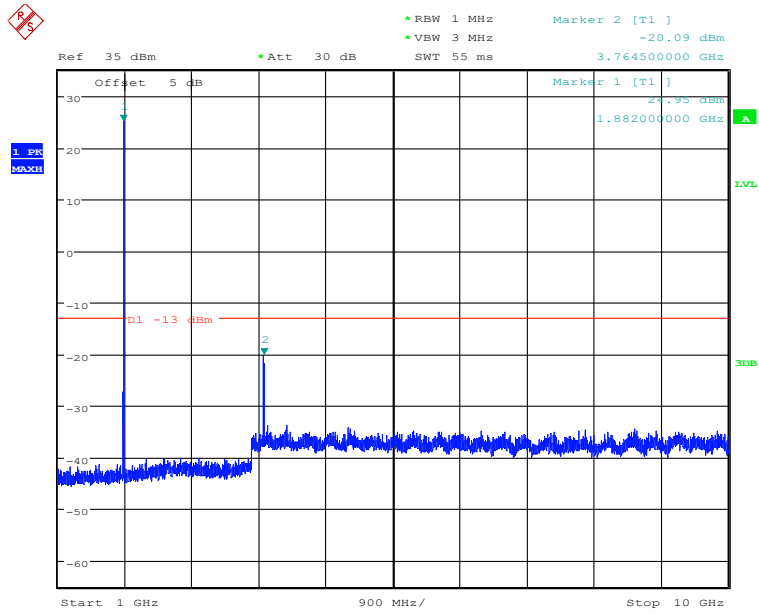
1.4 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:51:38

1.4 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

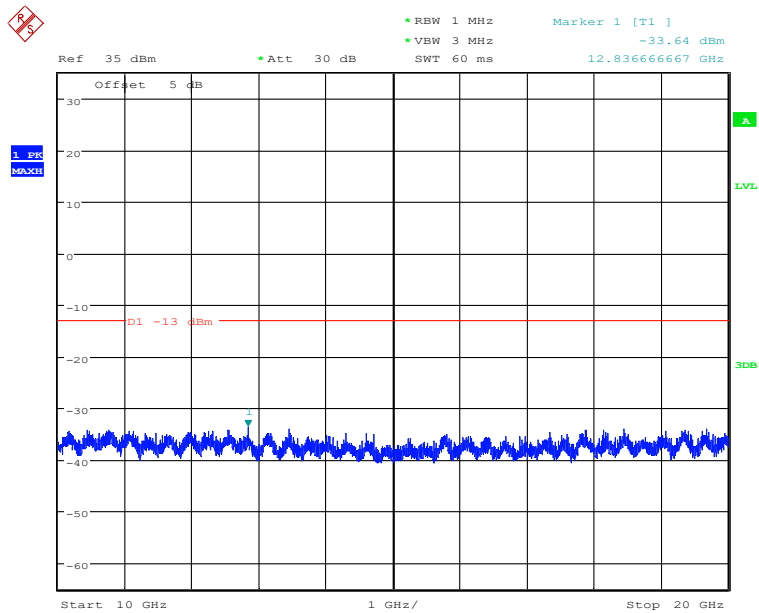
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:51:52

1.4 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

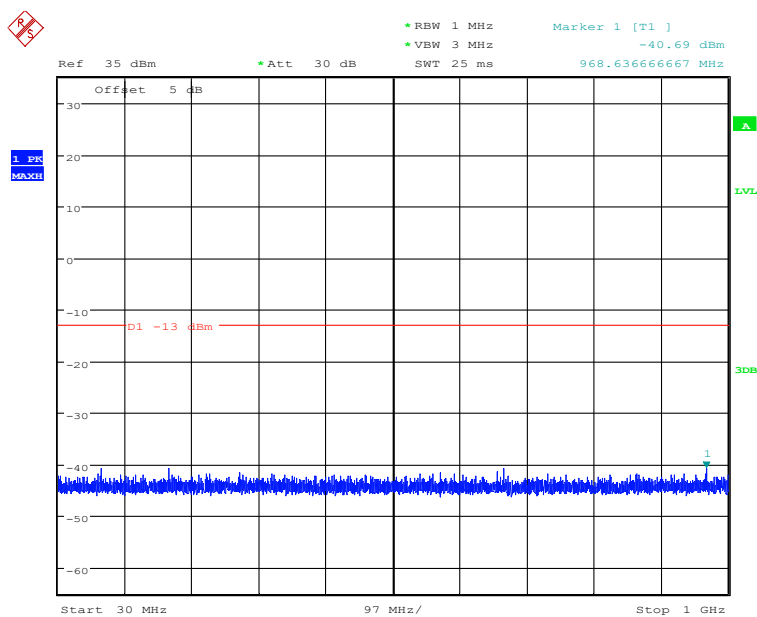
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:52:21

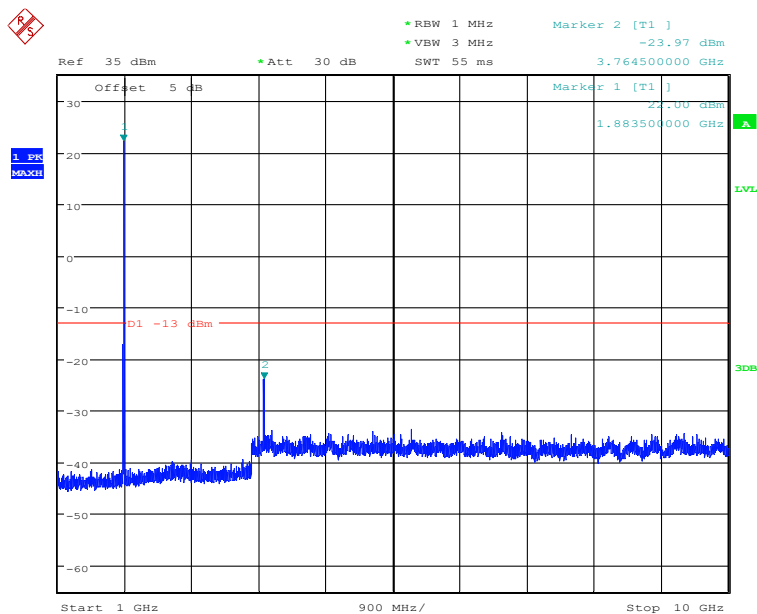
1.4 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:53:44

3 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

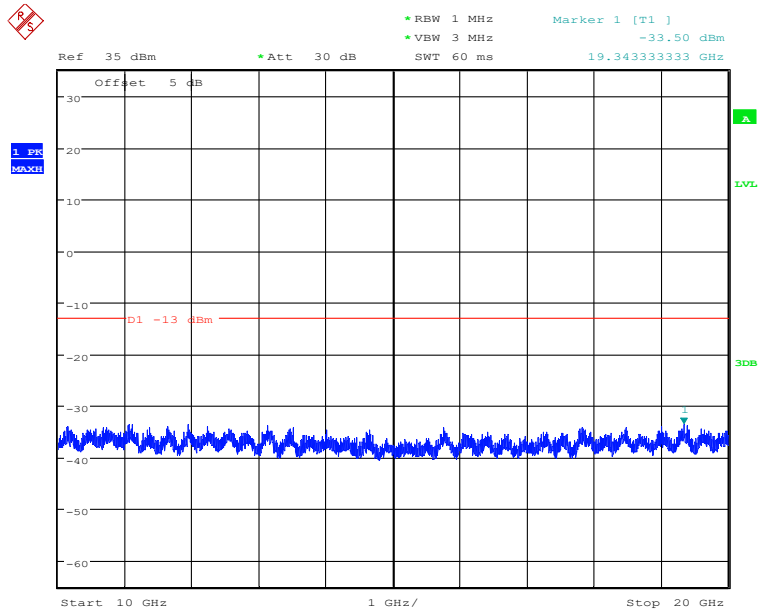


Date: 13.NOV.2019 02:53:14

3 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

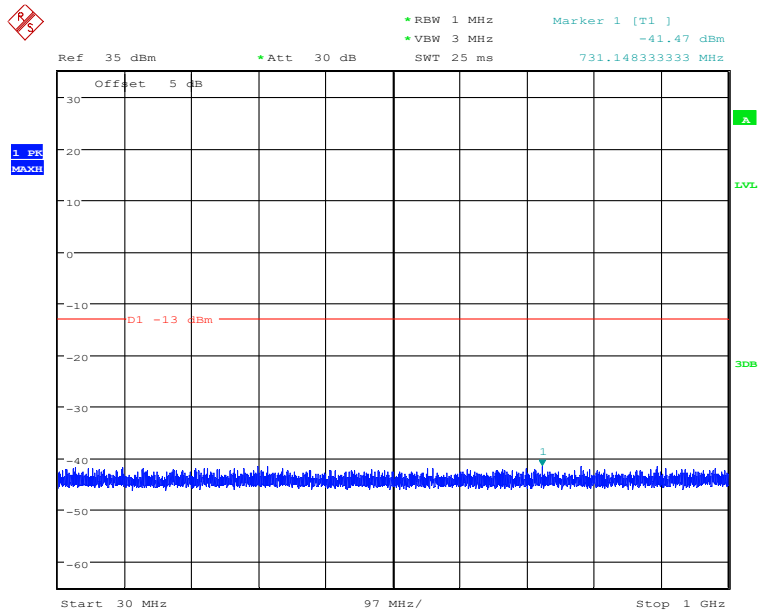
Note: The strong emission shown in each case is the carrier signal.

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Date: 13.NOV.2019 02:53:00

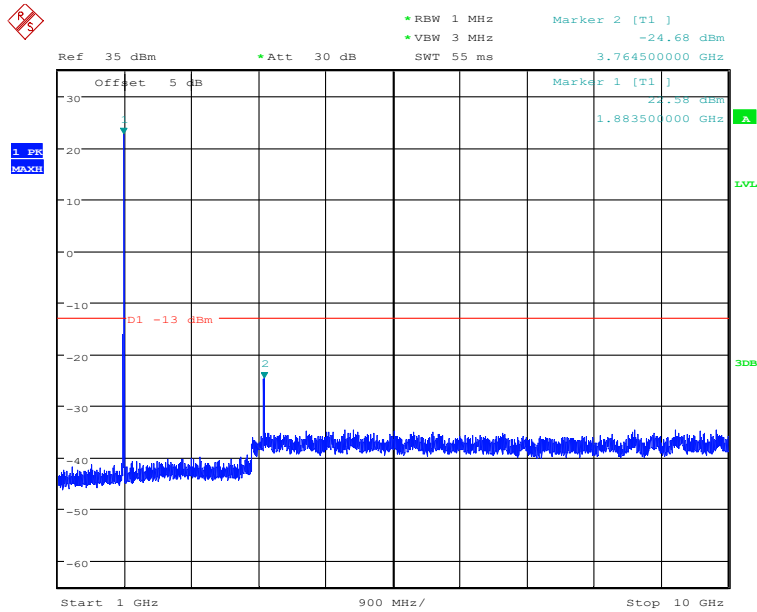
3 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:53:34

3 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

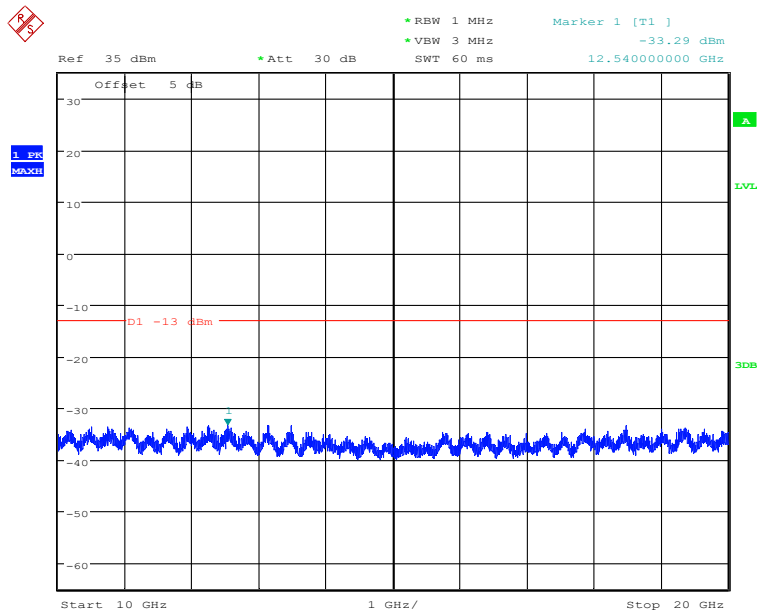
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:53:22

3 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz, 1GHz to 10GHz

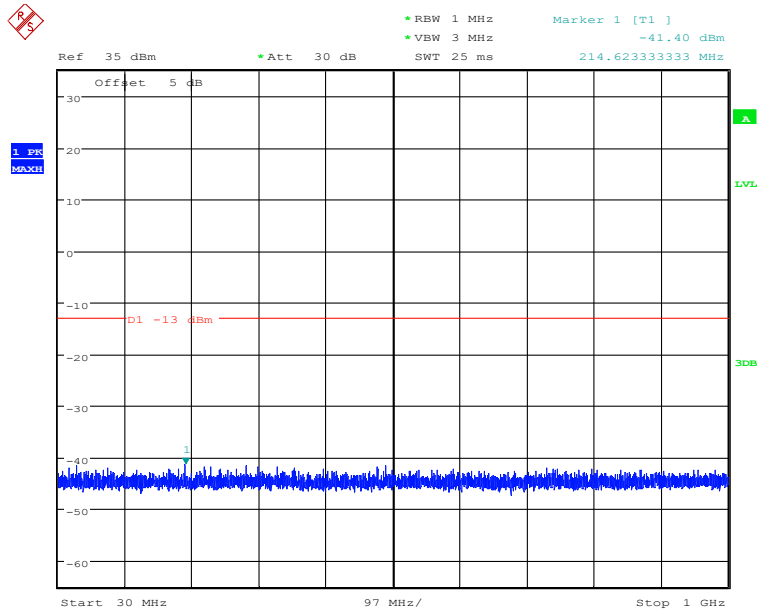
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:52:50

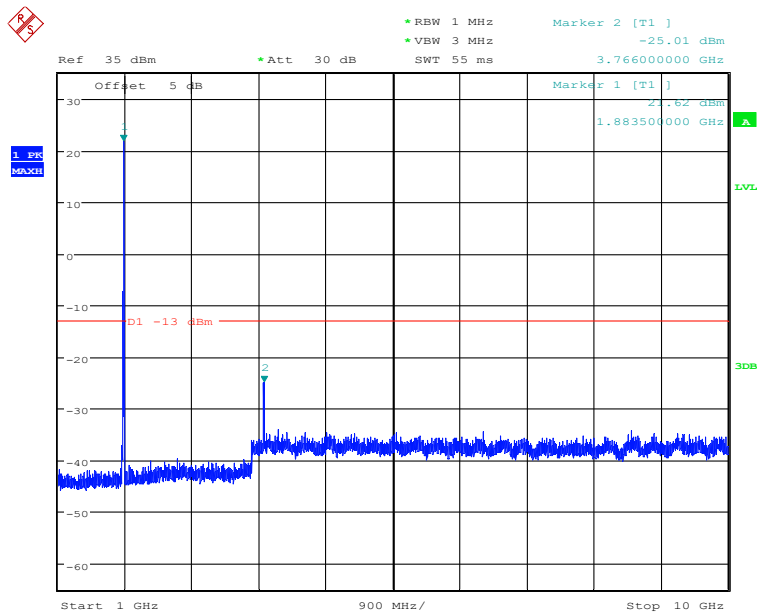
3 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz, 10MHz to 20GHz

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Date: 13.NOV.2019 02:53:58

5 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

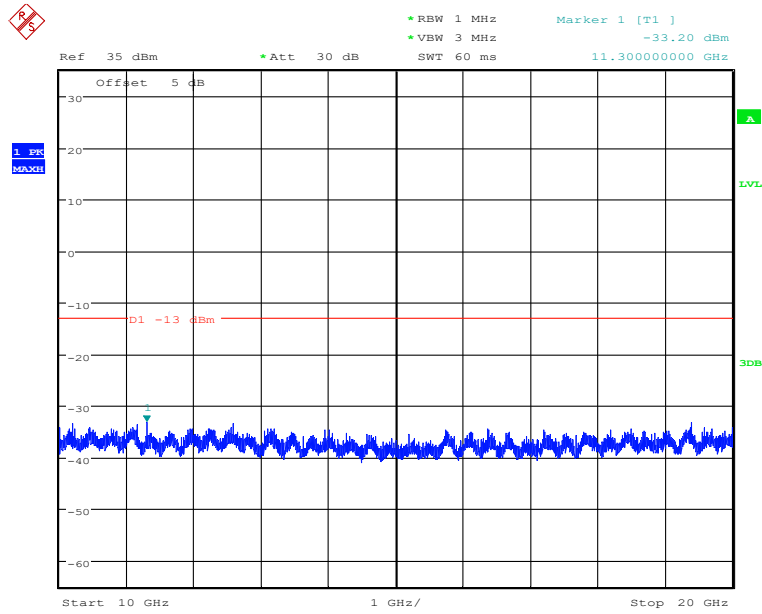


Date: 13.NOV.2019 02:54:29

5 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

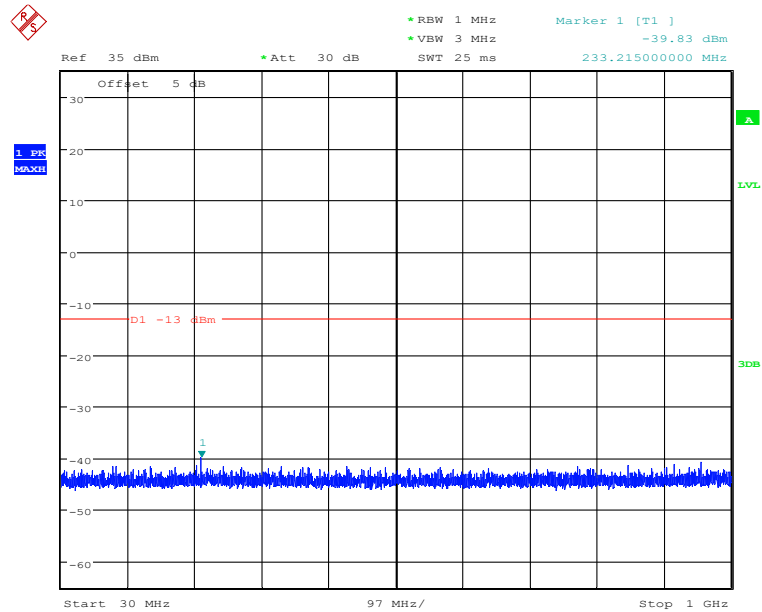
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:54:40

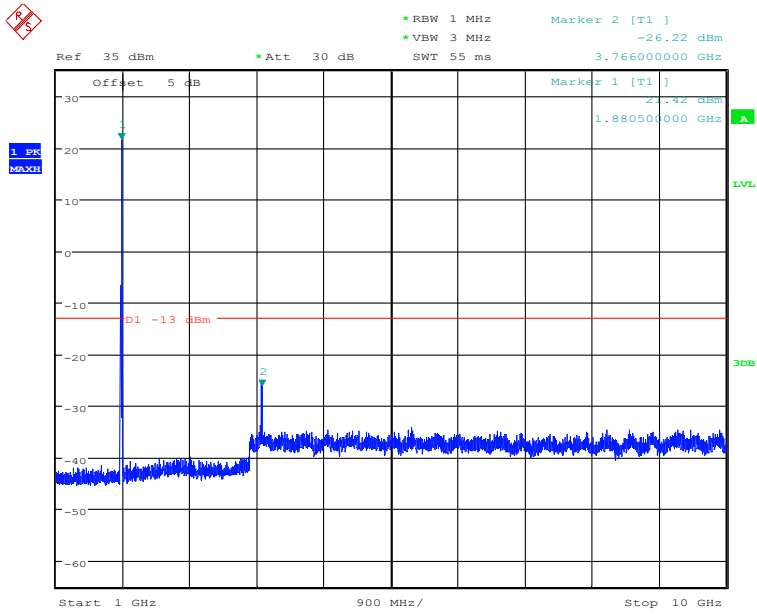
5 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:54:06

5 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

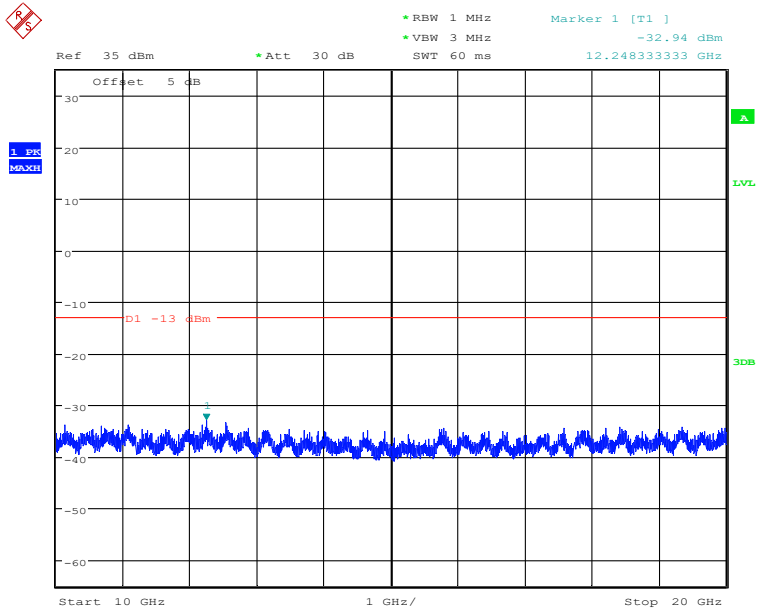
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:54:19

5 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

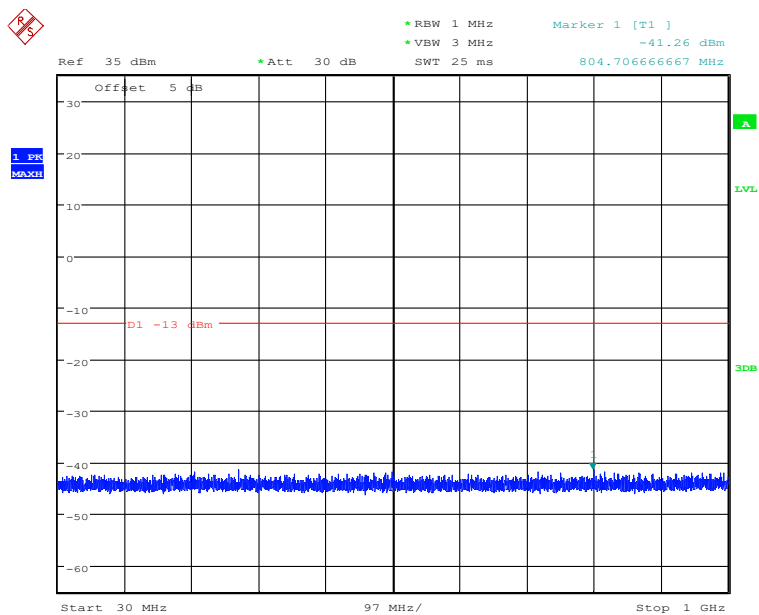
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:54:48

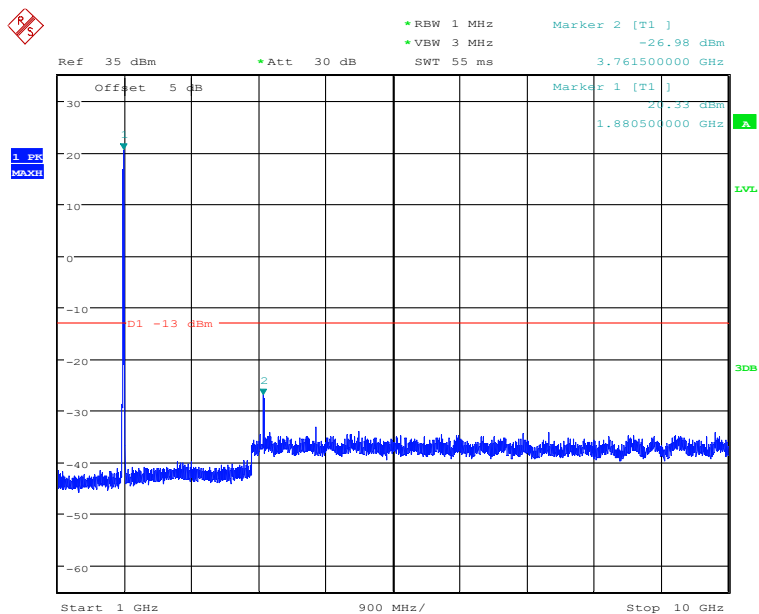
5 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:56:02

10 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

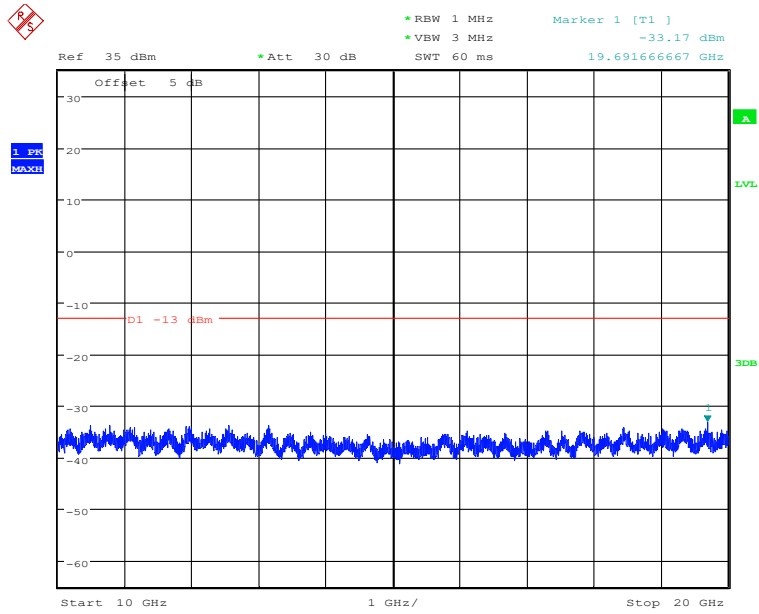


Date: 13.NOV.2019 02:55:29

10 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

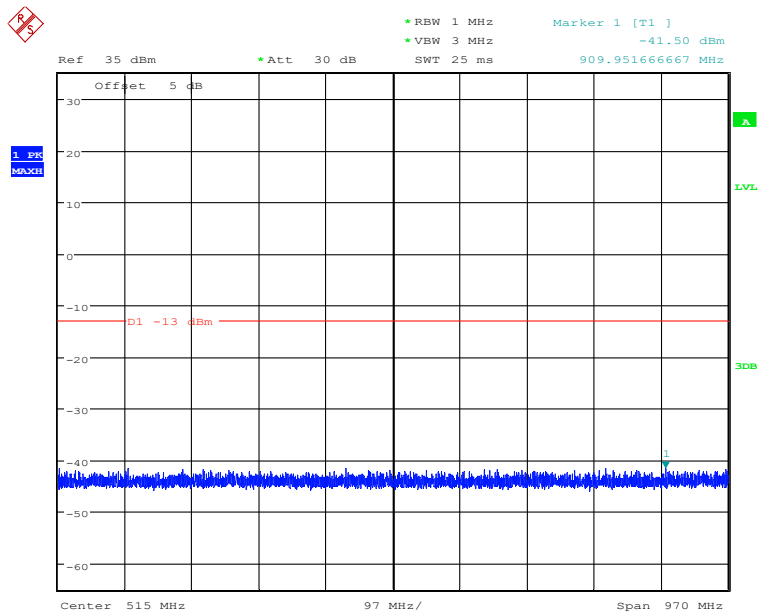
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:55:13

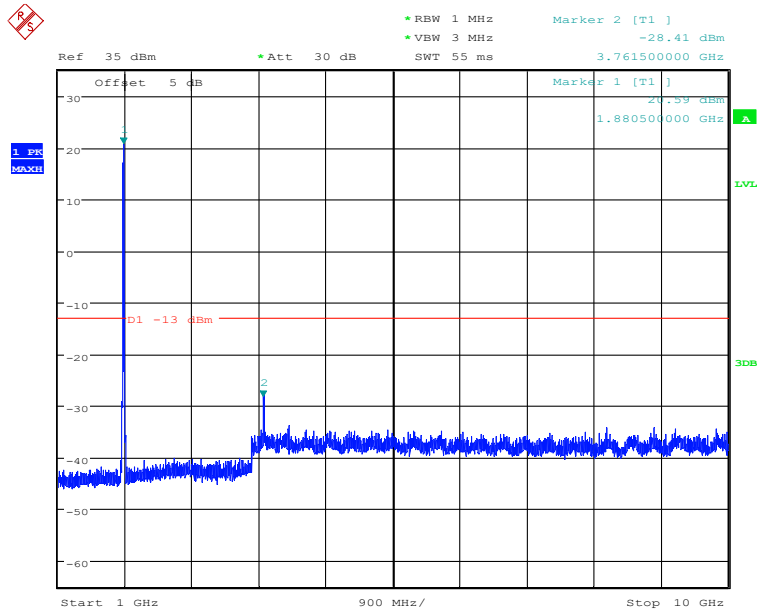
10 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:55:52

10 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

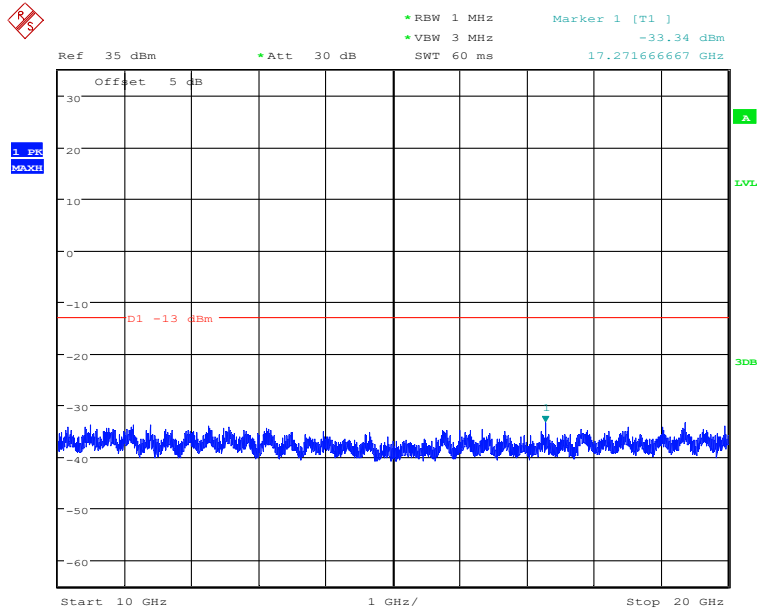
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:55:37

10 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

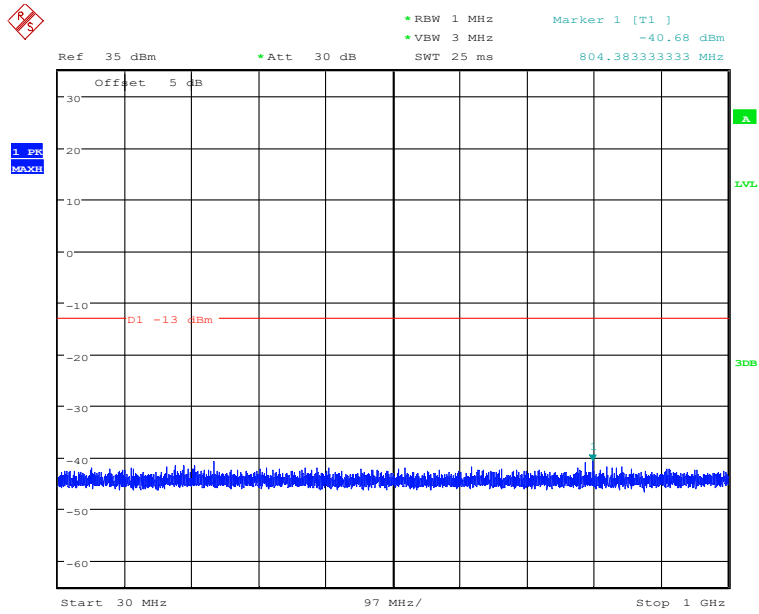
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:55:05

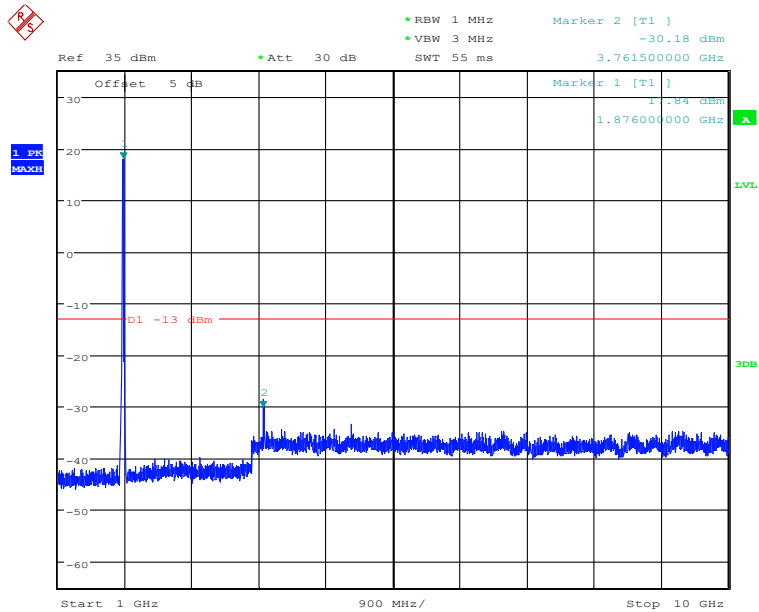
10 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:56:18

15 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

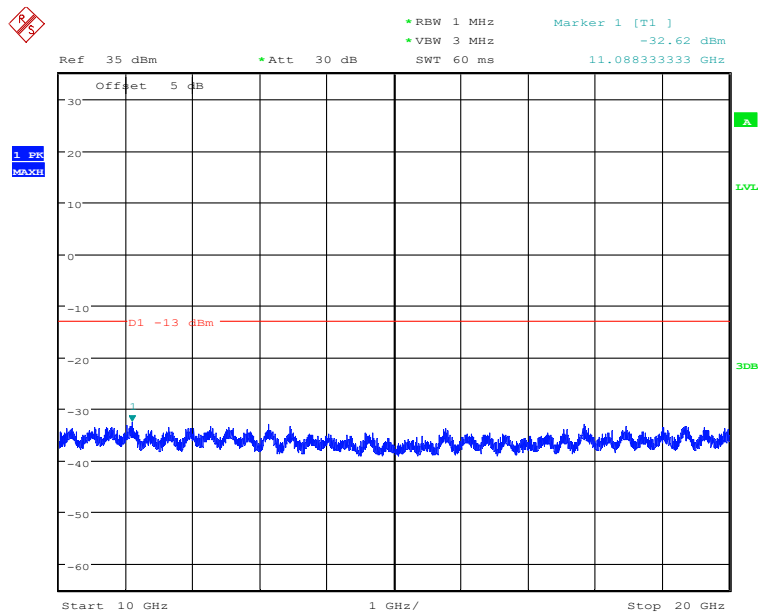


Date: 13.NOV.2019 02:56:49

15 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

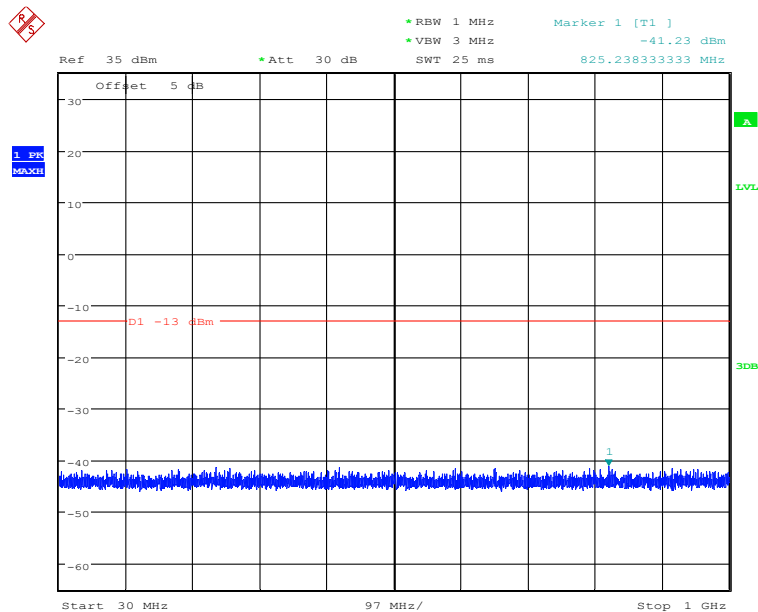
Note: The strong emission shown in each case is the carrier signal.

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Date: 13.NOV.2019 02:58:26

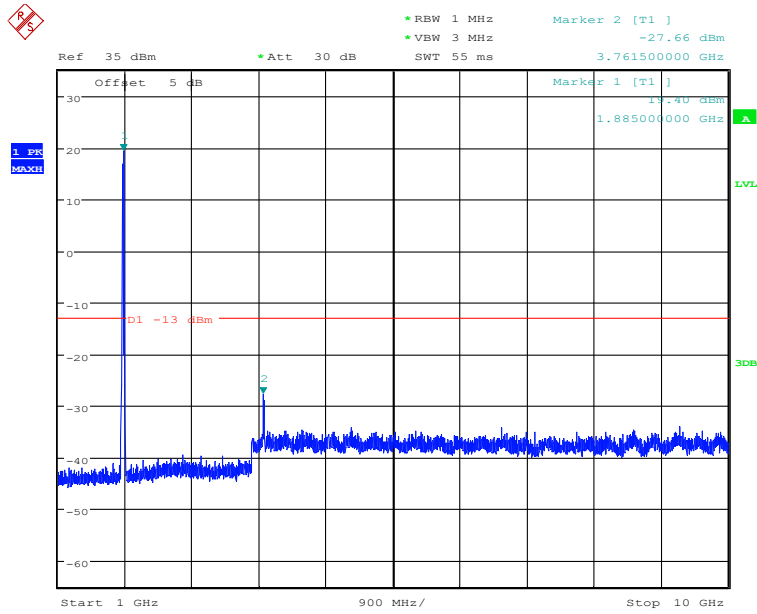
15 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz, 10MHz to 20GHz



Date: 13.NOV.2019 02:56:28

15 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz, 30MHz to 1GHz

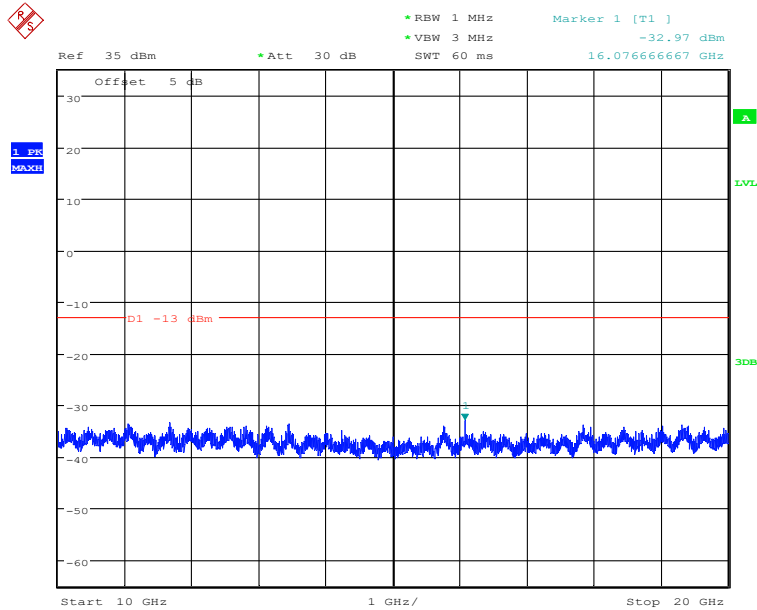
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:56:40

15 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

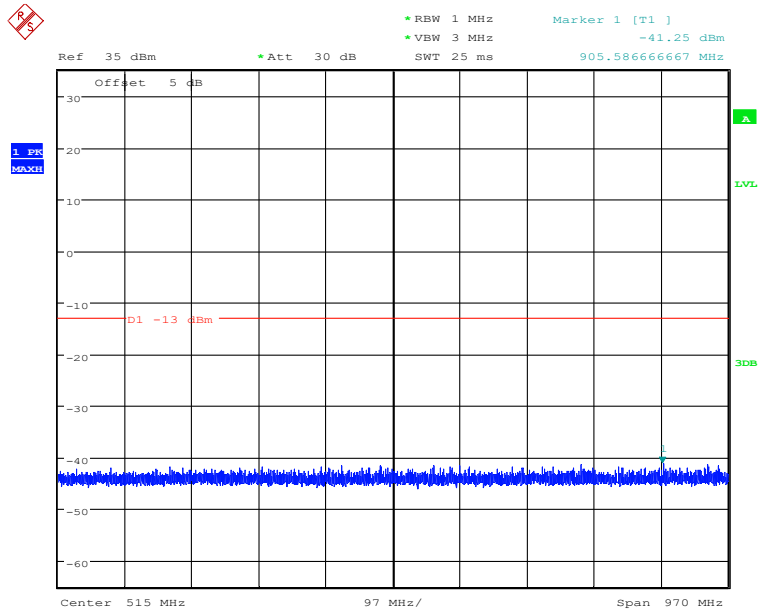
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:57:33

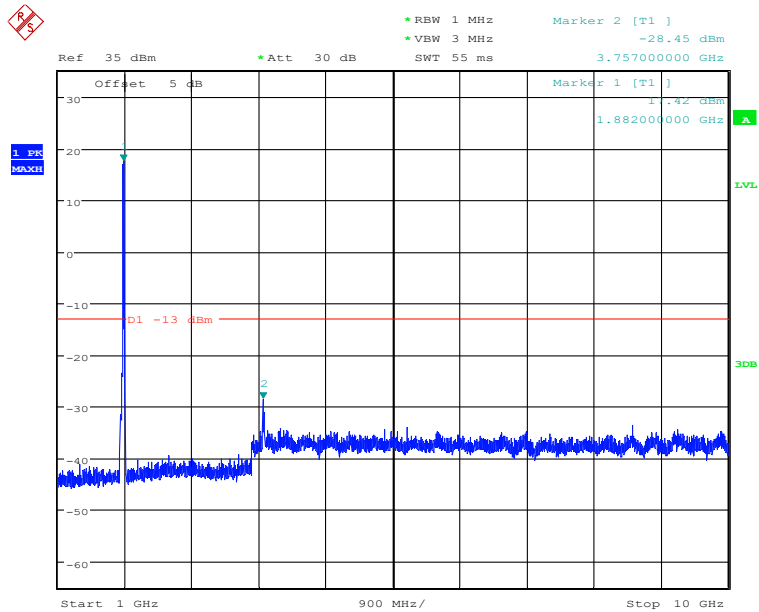
15 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:59:32

20 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

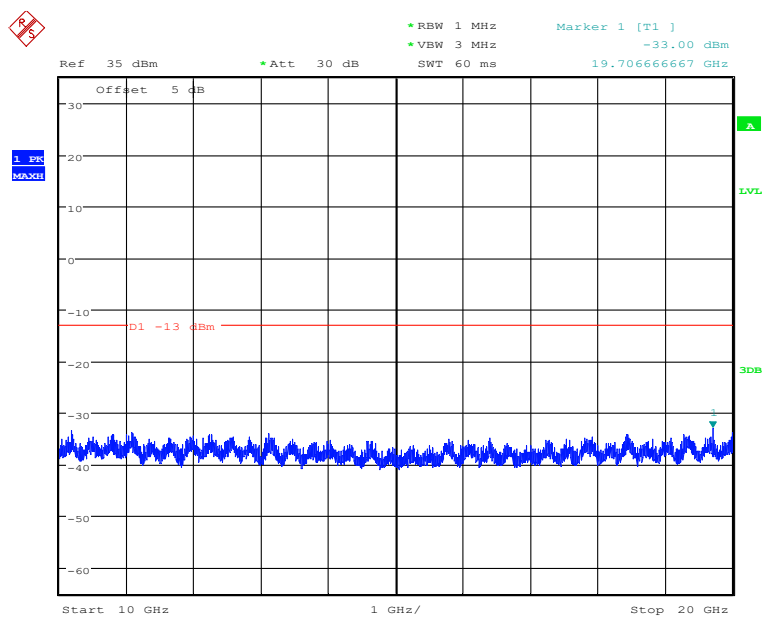


Date: 13.NOV.2019 02:59:18

20 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

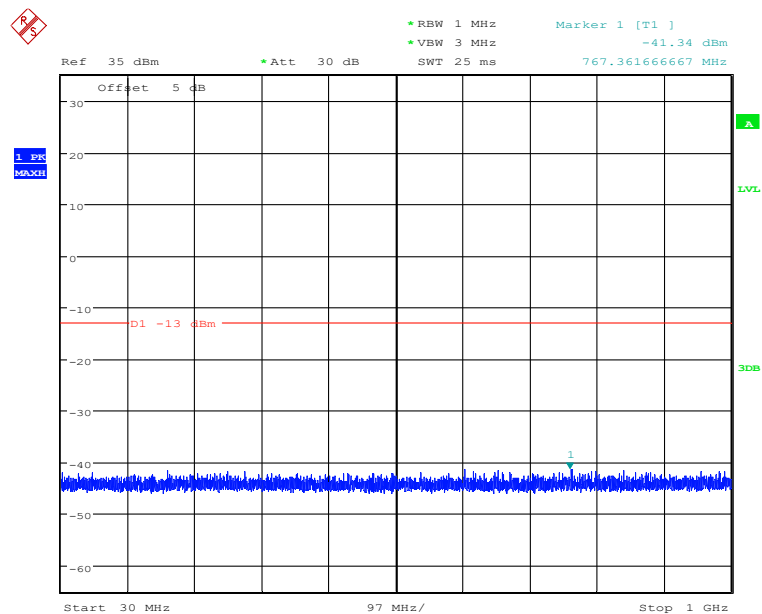
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:58:46

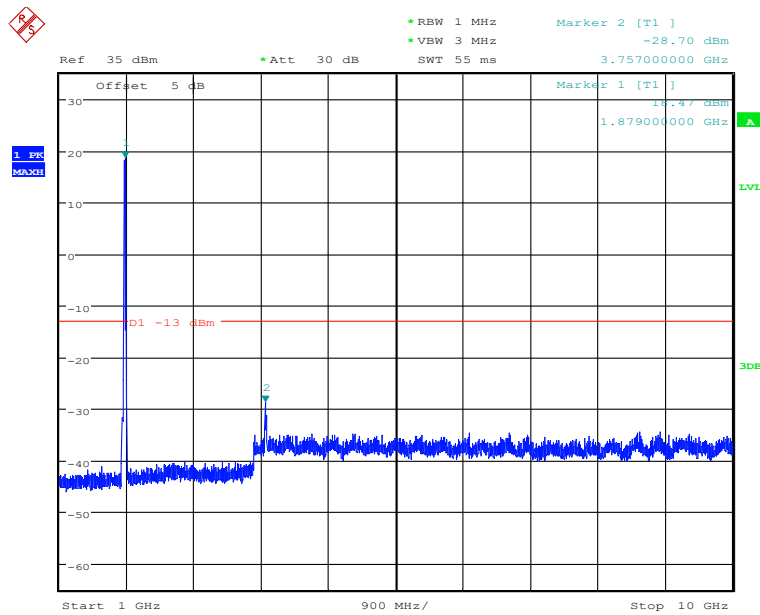
20 MHz bandwidth QPSK Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:59:41

20 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,30MHz to 1GHz

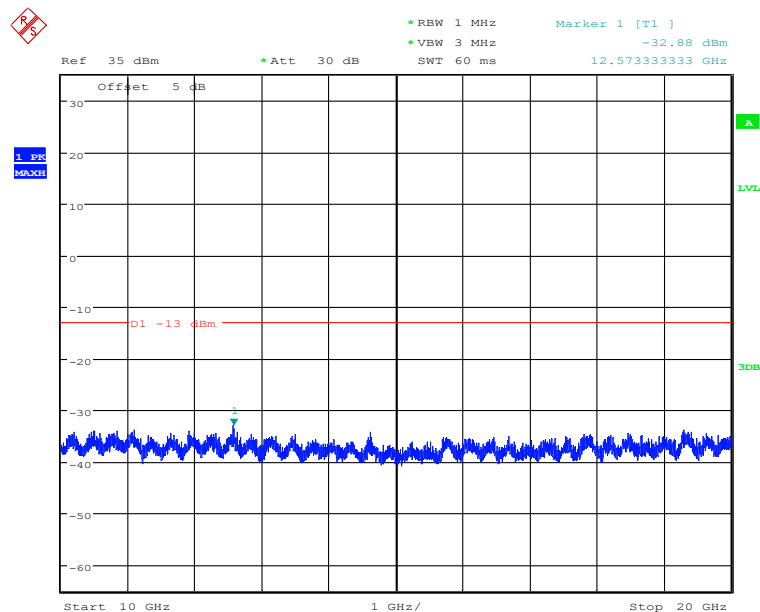
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:59:07

20 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,1GHz to 10GHz

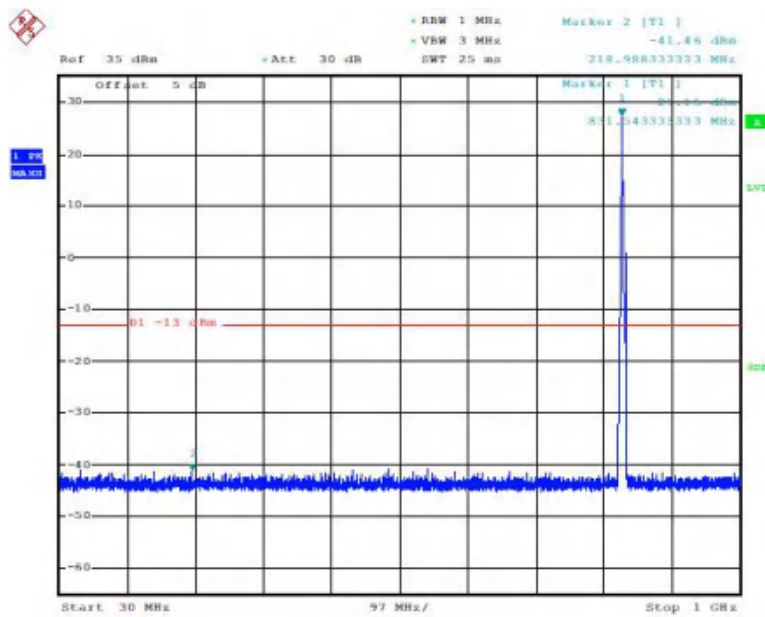
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:58:56

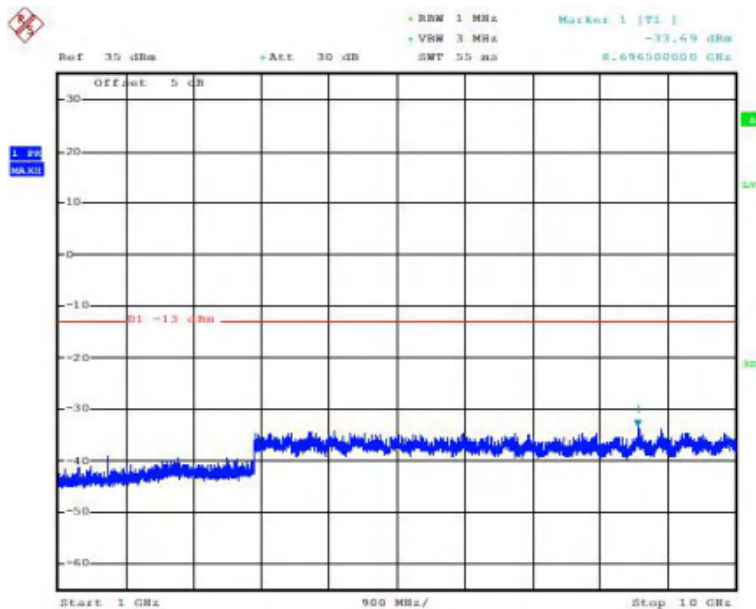
20 MHz bandwidth 16QAM Mode Middle Channel, 1882.5 MHz,10MHz to 20GHz

5.3.10 LTE B26 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:02:50

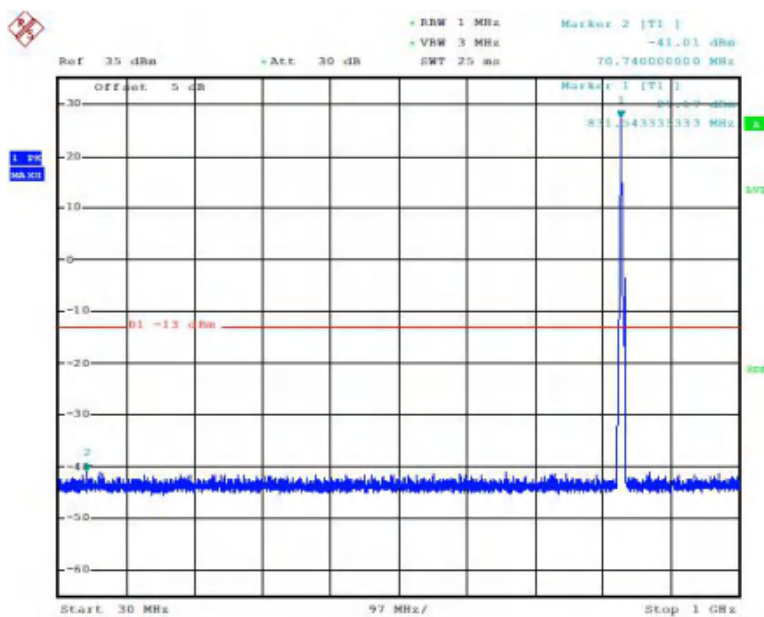
1.4 MHz bandwidth QPSK Mode ,30MHz to 1GHz
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:02:08

1.4 MHz bandwidth QPSK Mode ,1GHz to 10GHz

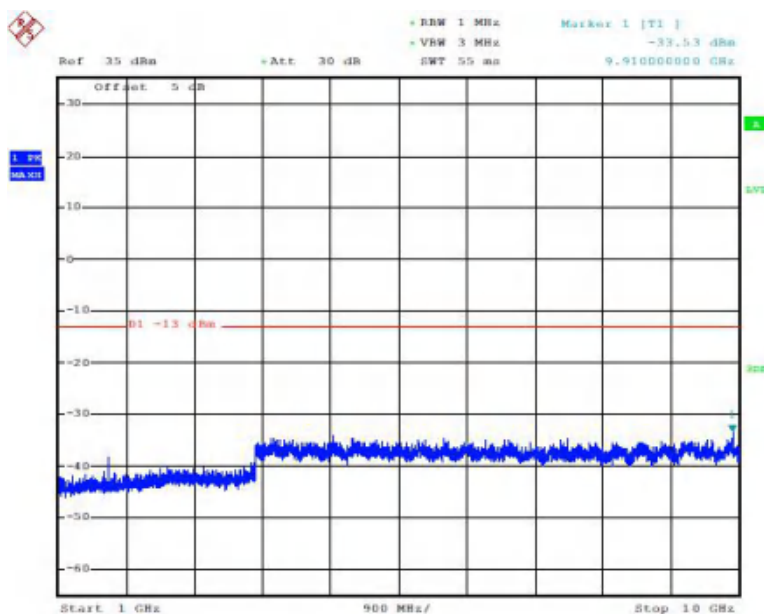
Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:02:24

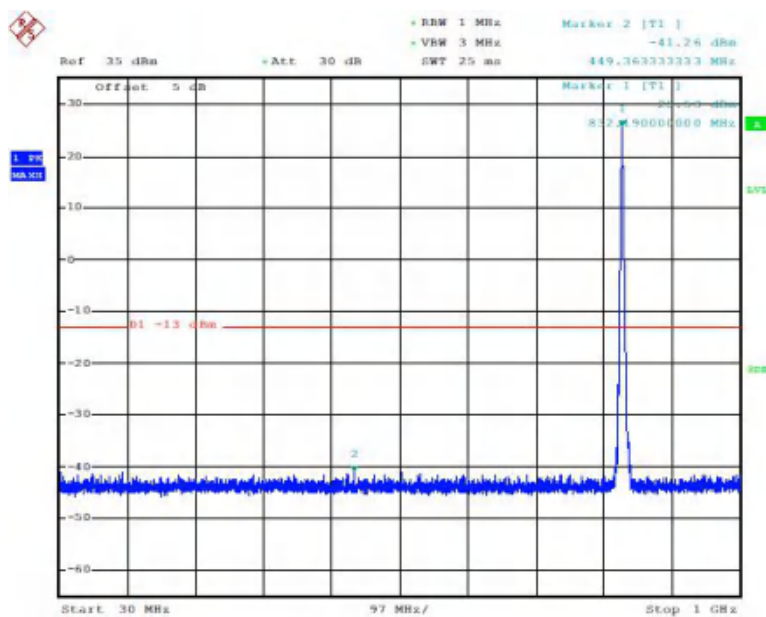
1.4 MHz bandwidth 16QAM Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:02:17

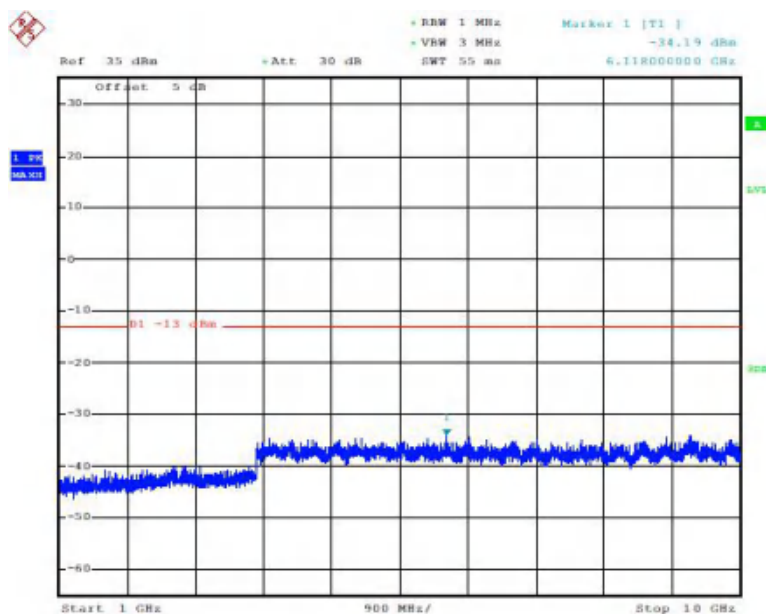
1.4 MHz bandwidth 16QAM Mode ,1GHz to 10GHz



Date: 13.NOV.2019 02:04:02

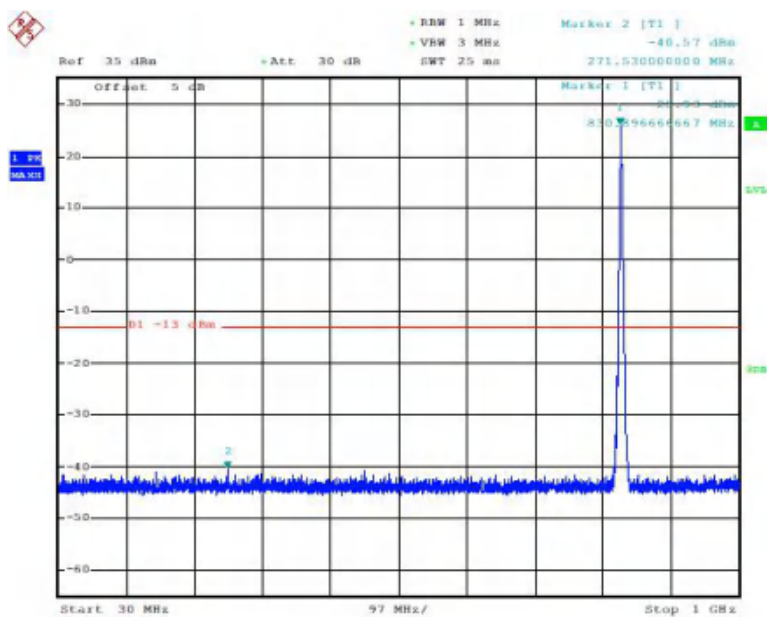
3 MHz bandwidth QPSK Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:02:43

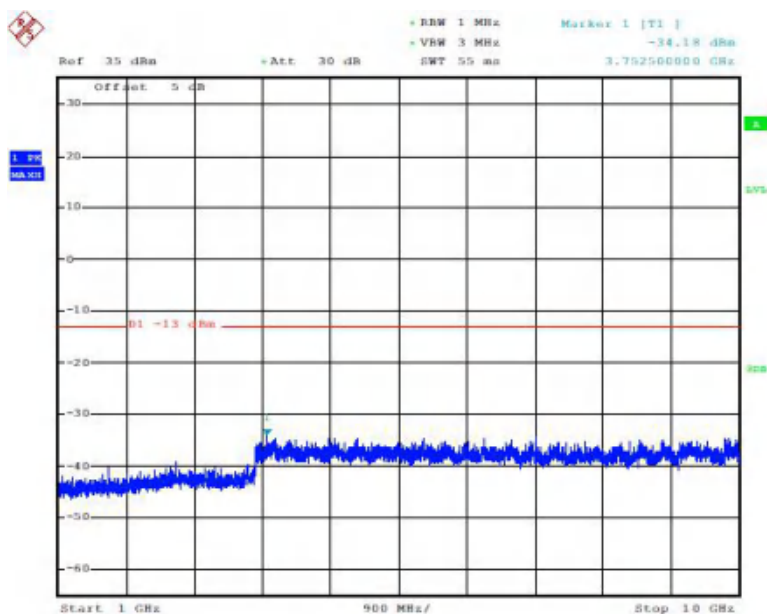
3 MHz bandwidth QPSK Mode ,1GHz to 10GHz



Date: 13.NOV.2019 02:04:16

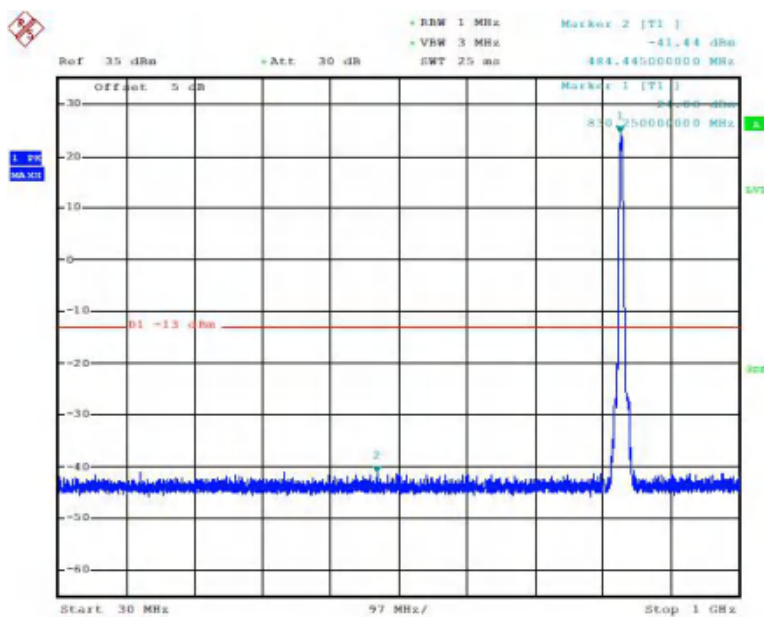
3 MHz bandwidth 16QAM Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:02:24

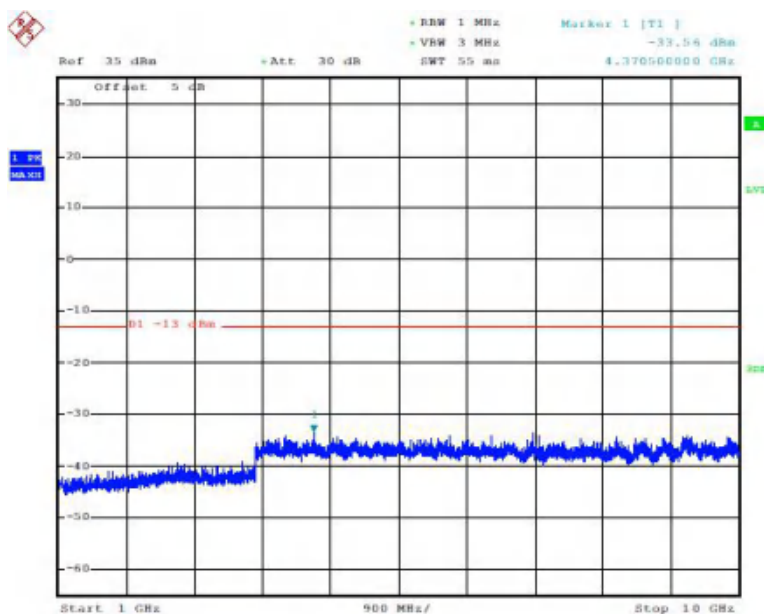
3 MHz bandwidth 16QAM Mode ,1GHz to 10GHz



Date: 13.NOV.2019 02:04:49

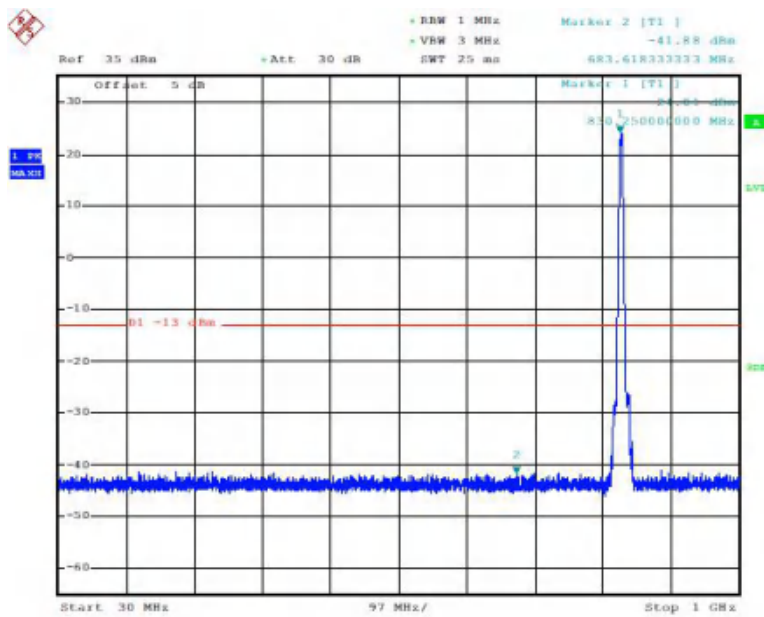
5 MHz bandwidth QPSK Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:05:05

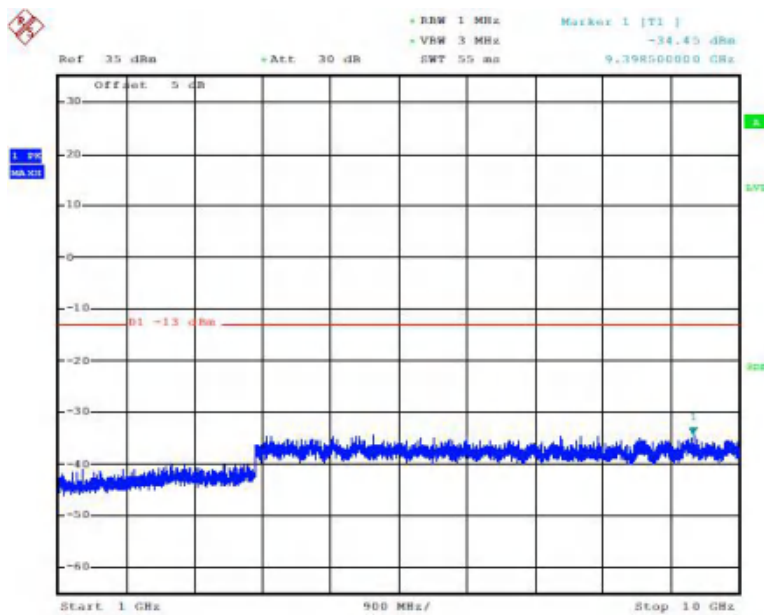
5 MHz bandwidth QPSK Mode ,1GHz to 10GHz



Date: 13.NOV.2019 02:04:23

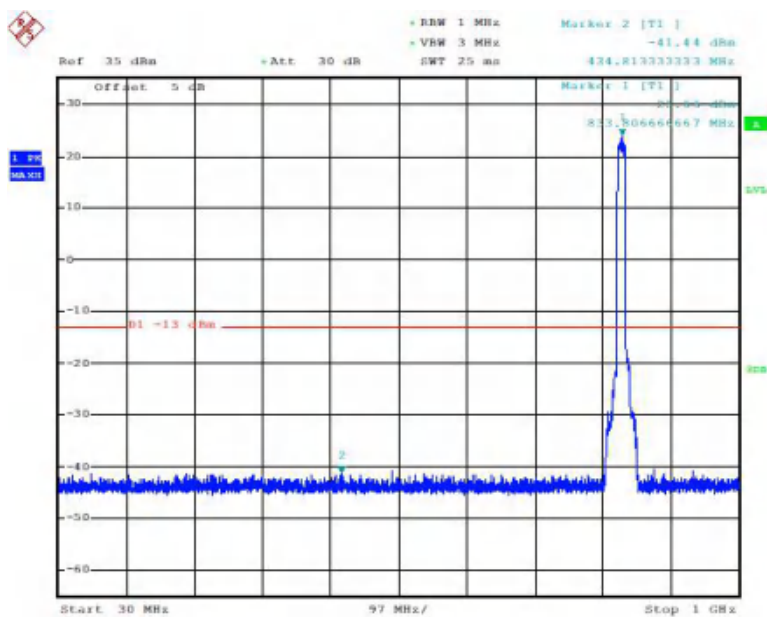
5 MHz bandwidth 16QAM Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:05:14

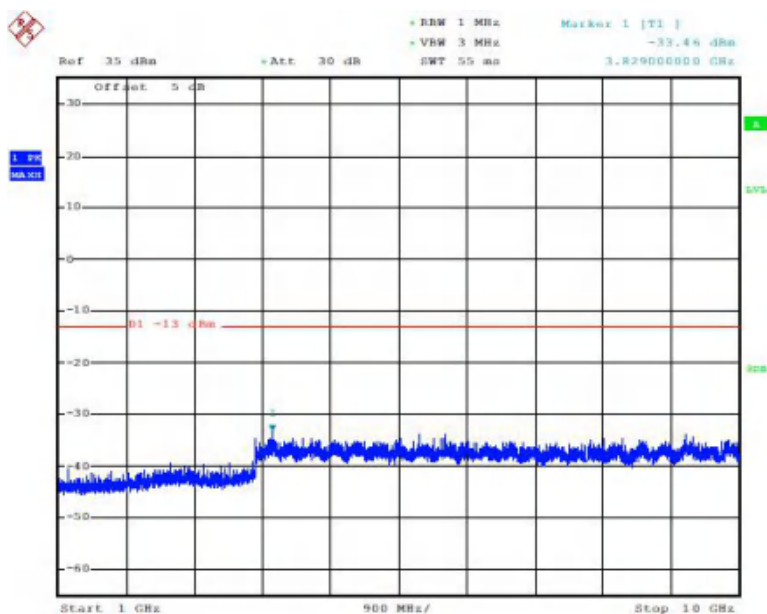
5 MHz bandwidth 16QAM Mode Middle Channel, 831.5 MHz,1GHz to 10GHz



Date: 13.NOV.2019 02:05:58

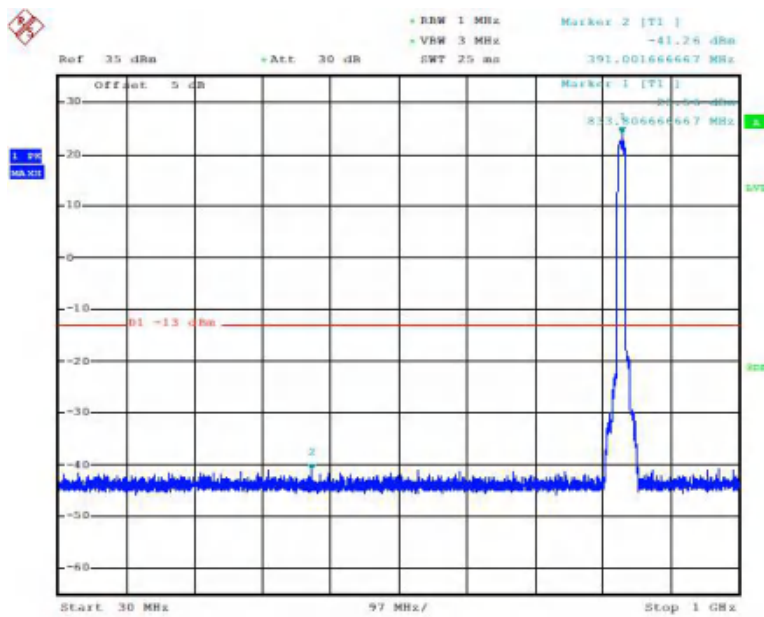
10 MHz bandwidth QPSK Mode ,30MHz to 1GHz

Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:05:26

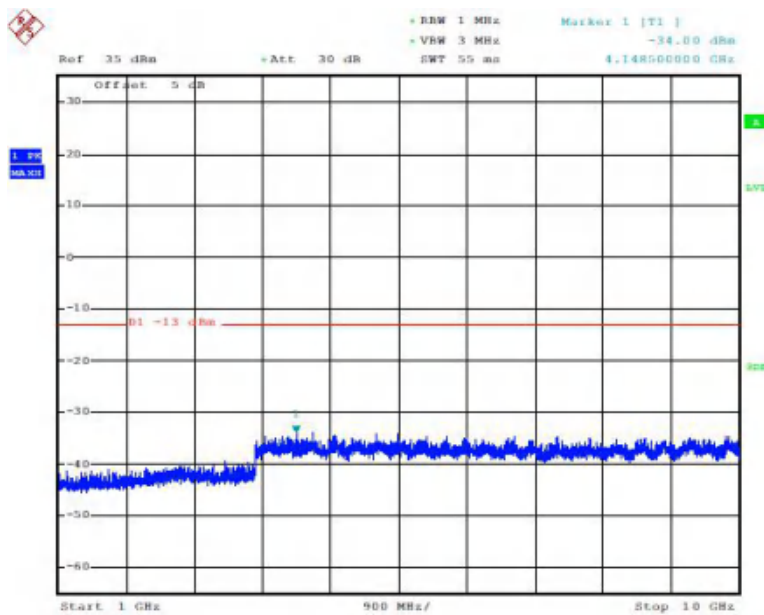
10 MHz bandwidth QPSK Mode ,1GHz to 10GHz



Date: 13.NOV.2019 02:06:11

10 MHz bandwidth 16QAM Mode ,30MHz to 1GHz

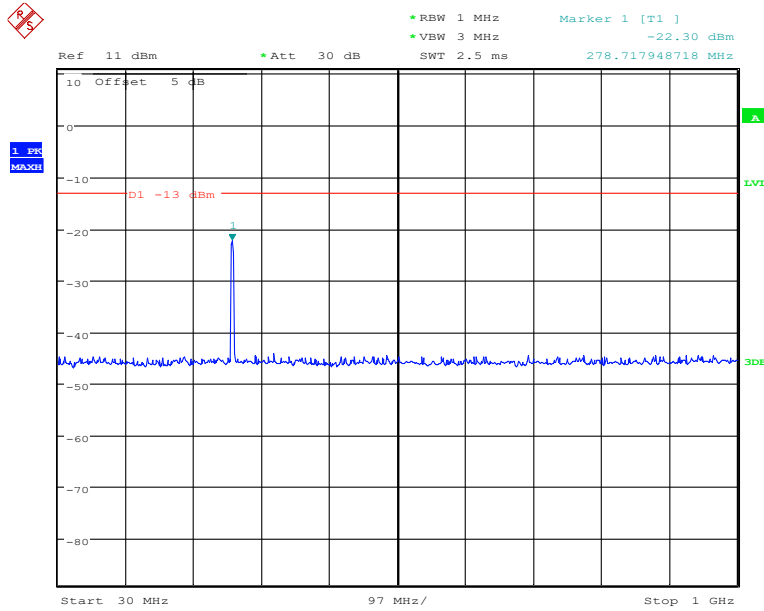
Note: The strong emission shown in each case is the carrier signal.



Date: 13.NOV.2019 02:05:27

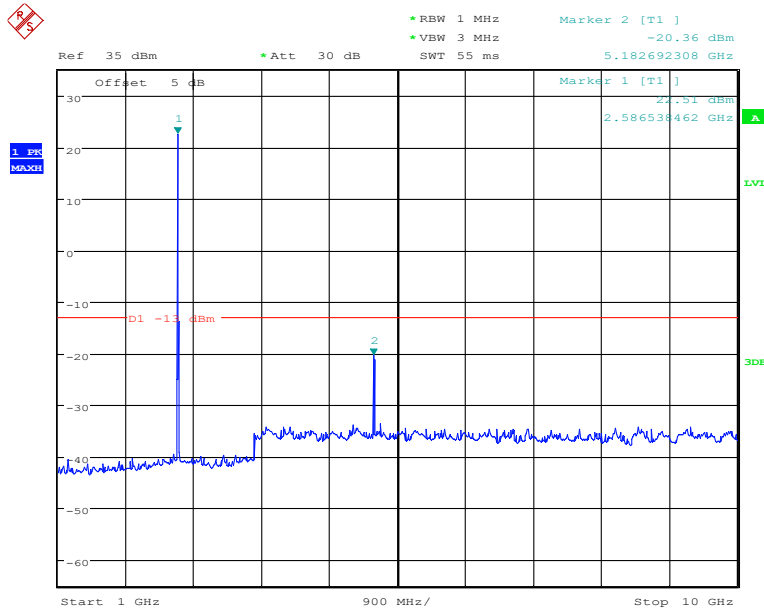
10 MHz bandwidth 16QAM Mode ,1GHz to 10GHz

5.3.11 LTE B41 Conducted Spurious Emission Results



Date: 13.NOV.2019 02:19:55

5 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,30MHz to 1GHz

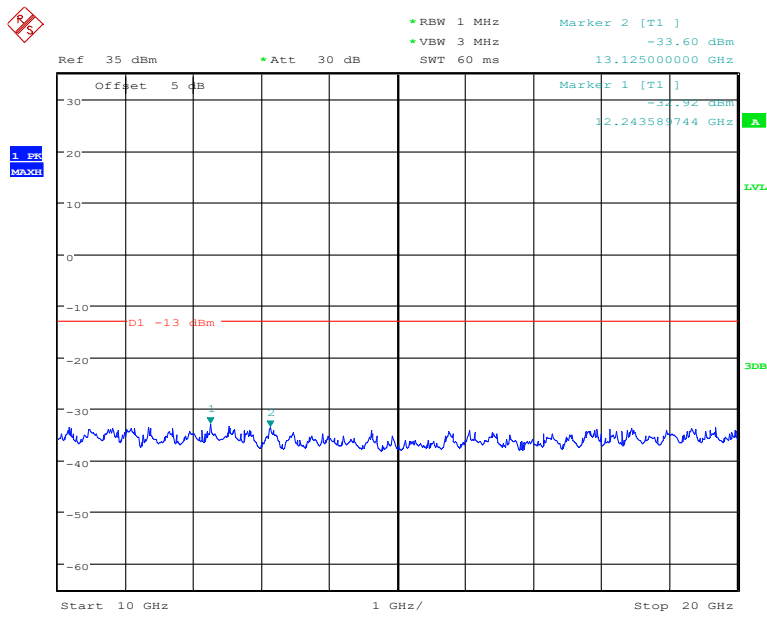


Date: 13.NOV.2019 02:21:25

5 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,1GHz to 10GHz

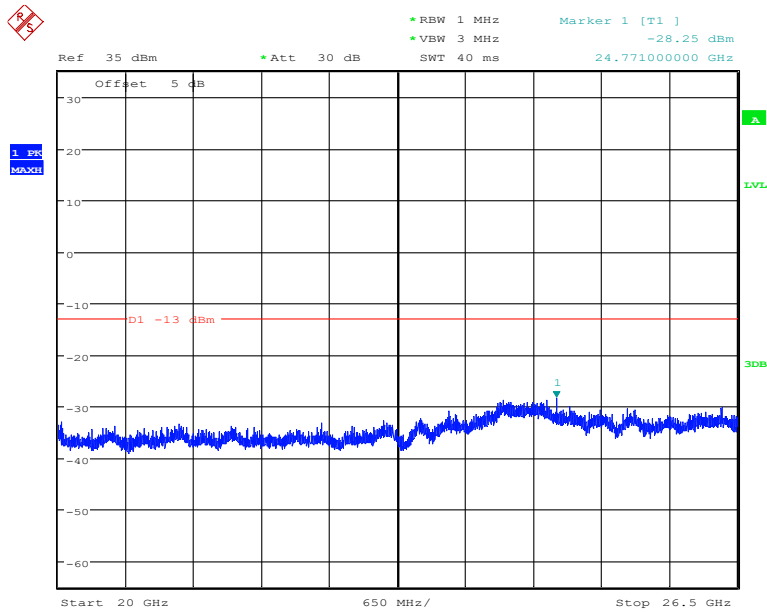
Note: The strong emission shown in each case is the carrier signal.

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Date: 13.NOV.2019 02:22:37

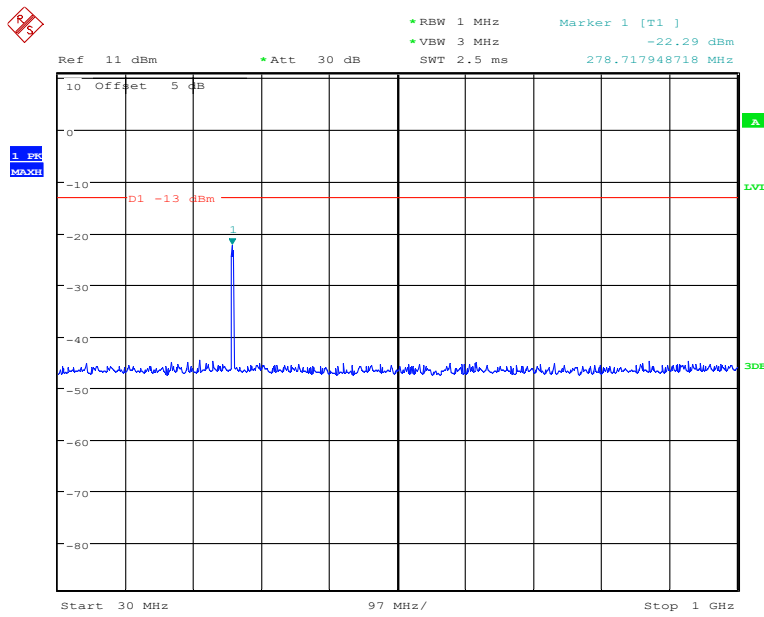
5 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:41:08

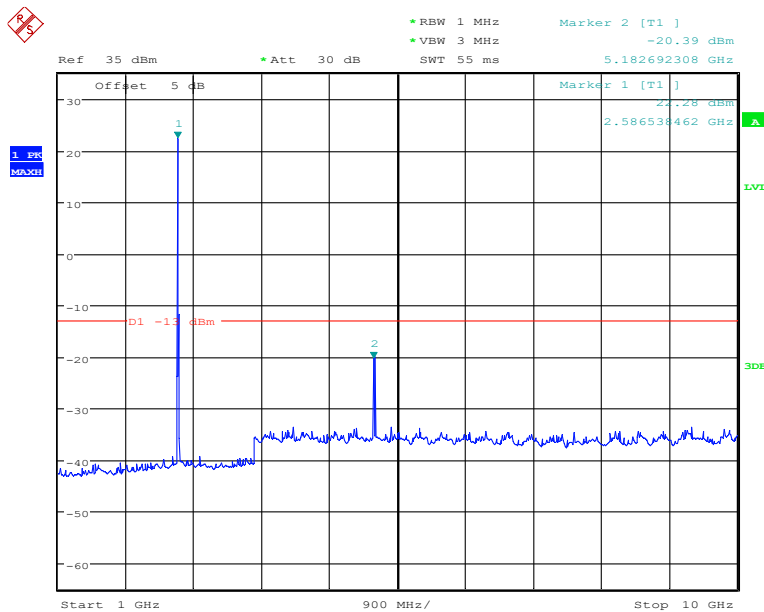
5 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,20MHz to 26.5GHz

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Date: 13.NOV.2019 02:20:34

5 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,30MHz to 1GHz

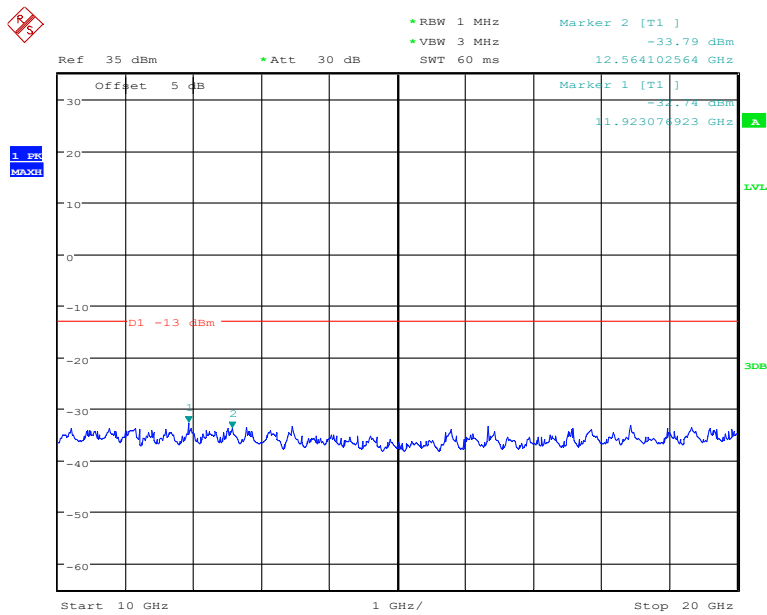


Date: 13.NOV.2019 02:21:03

5 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,1GHz to 10GHz

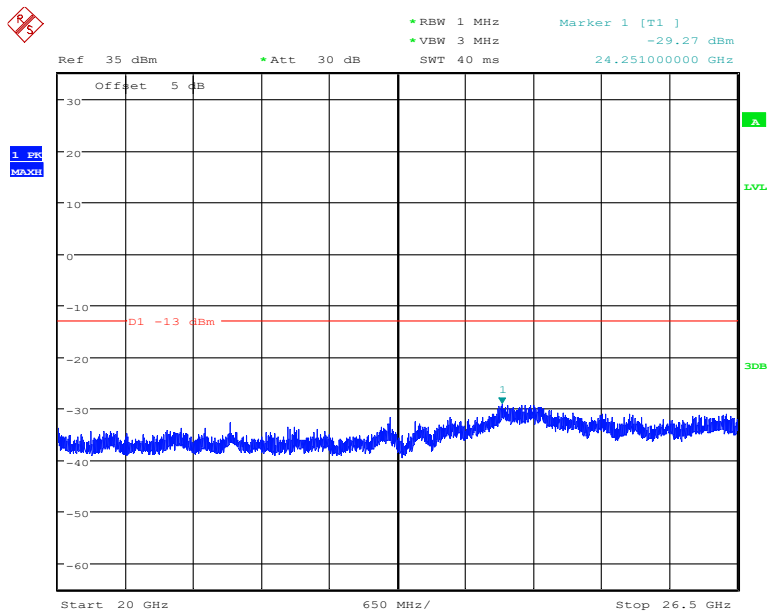
Note: The strong emission shown in each case is the carrier signal.

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Date: 13.NOV.2019 02:22:56

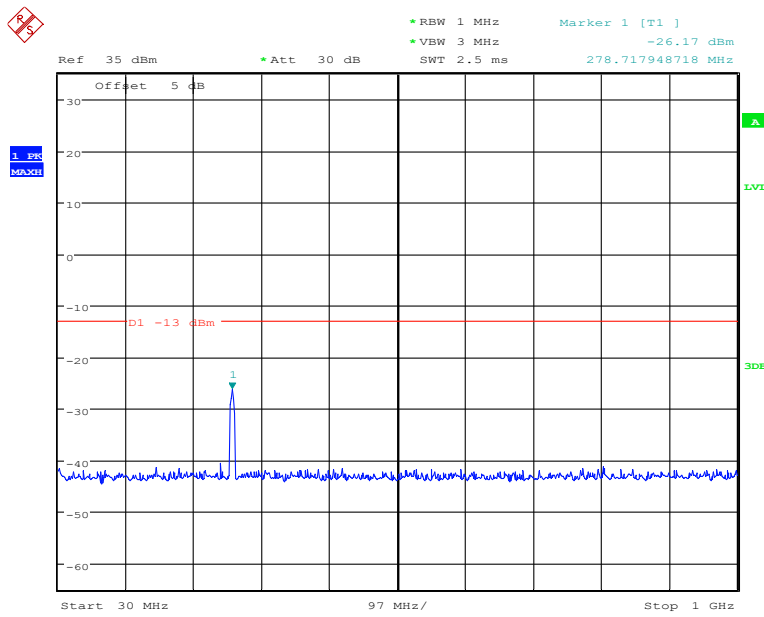
5 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,10MHz to 20GHz



Date: 13.NOV.2019 02:41:18

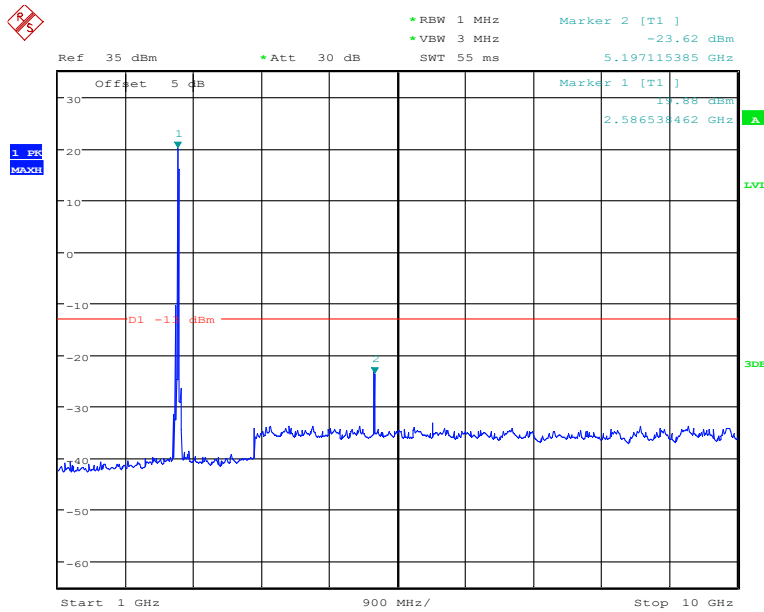
5 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,20MHz to 26.5GHz

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Date: 13.NOV.2019 02:25:16

10 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,30MHz to 1GHz

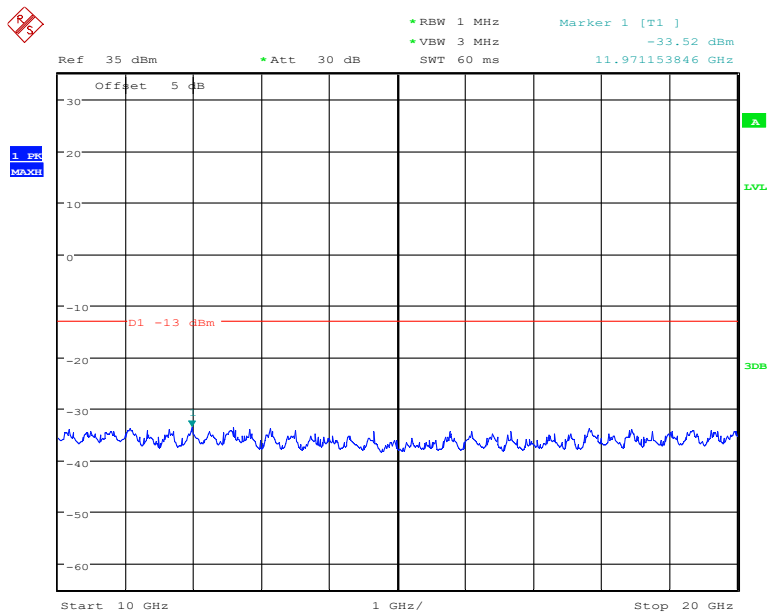


Date: 13.NOV.2019 02:24:27

10 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz,1GHz to 10GHz

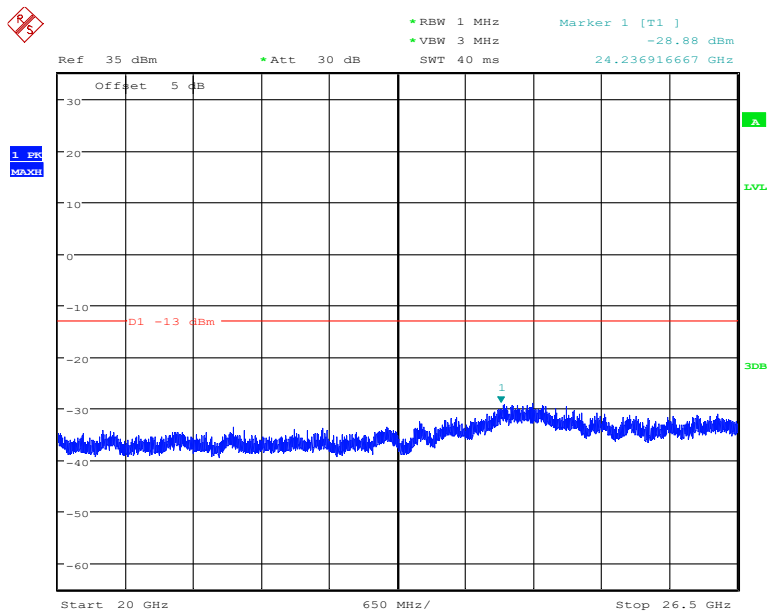
Note: The strong emission shown in each case is the carrier signal.

Report No.:B19W50601-WWAN_Rev1



Date: 13.NOV.2019 02:23:25

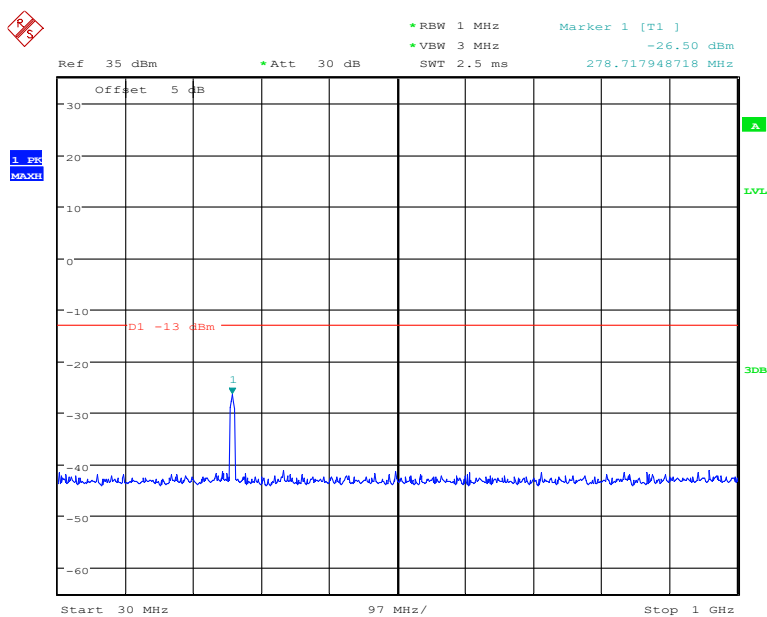
10 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz, 10MHz to 20GHz



Date: 13.NOV.2019 02:41:41

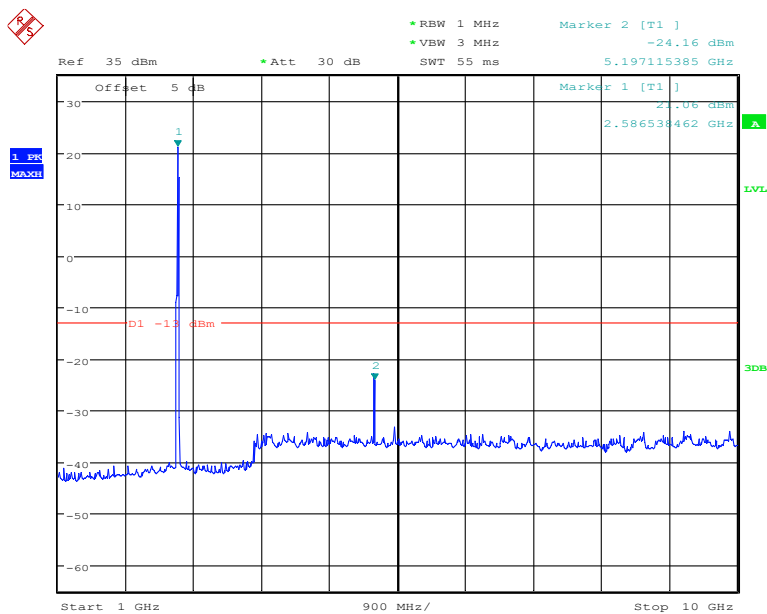
10 MHz bandwidth QPSK Mode Middle Channel, 2593 MHz, 20MHz to 26.5GHz

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Date: 13.NOV.2019 02:24:59

10 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,30MHz to 1GHz



Date: 13.NOV.2019 02:24:38

10 MHz bandwidth 16QAM Mode Middle Channel, 2593 MHz,1GHz to 10GHz

Note: The strong emission shown in each case is the carrier signal.