

### 3.5 CONDUCTED SPURIOUS EMISSIONS

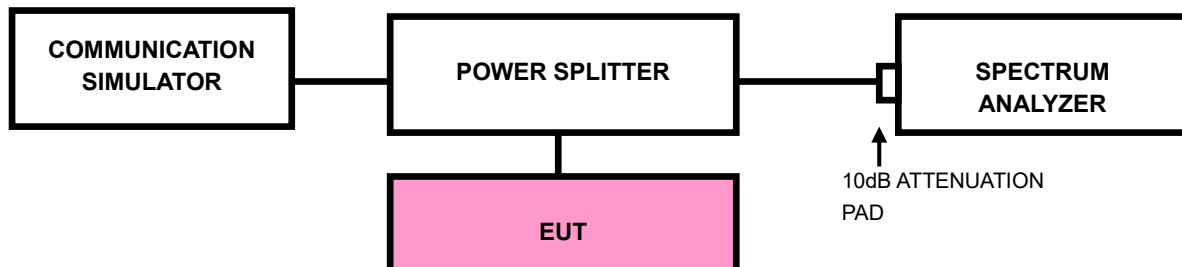
#### 3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least  $55 + 10 \log_{10}(P)$  dB. The limit of emission is equal to -25dBm.

#### 3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30MHz~27GHz for LTE Band 7 & 30MHz~26.2GHz for LTE Band 38, 30MHz~27GHz for LTE Band 41. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

#### 3.5.3 TEST SETUP

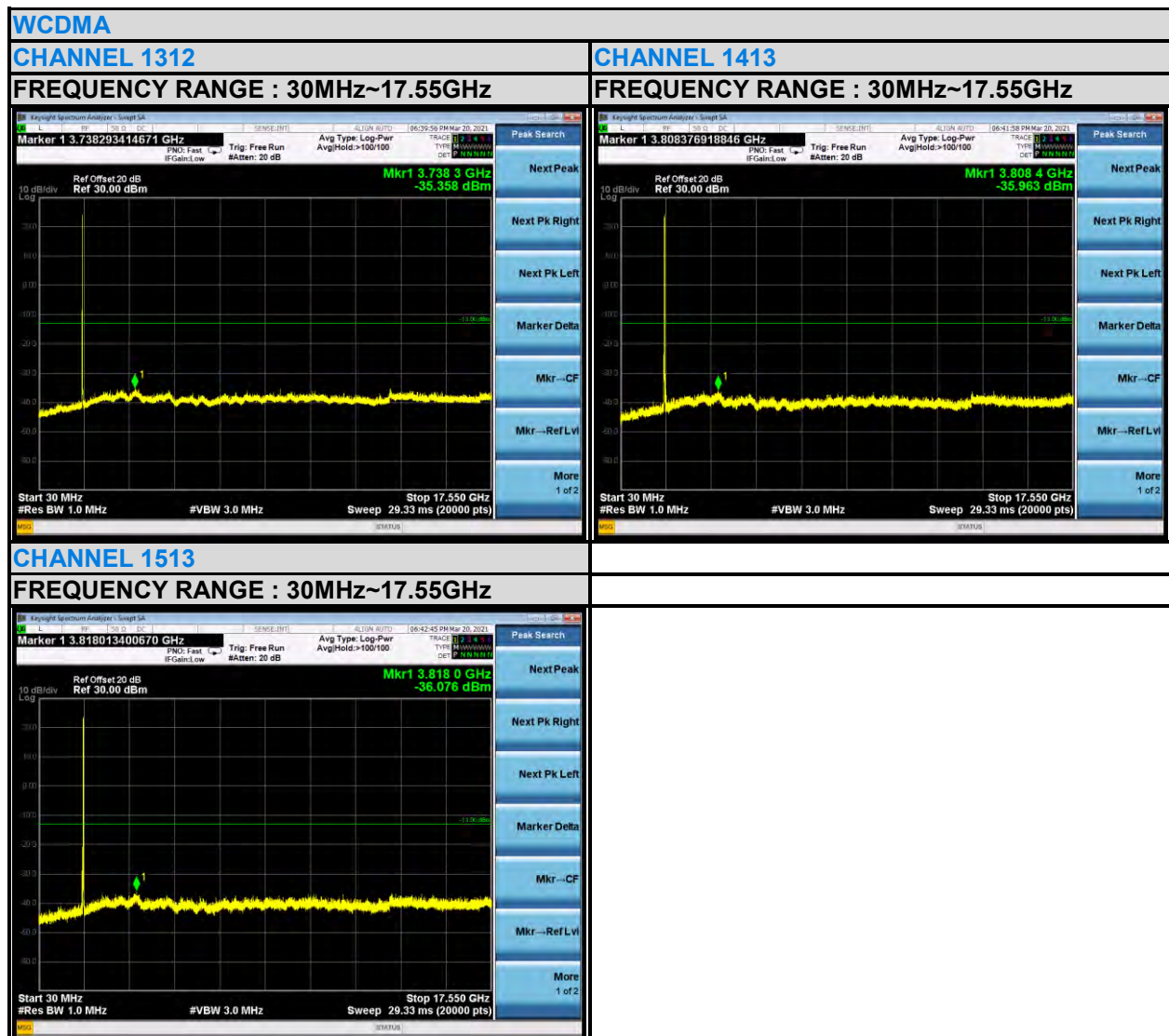




BUREAU  
VERITAS

Test Report No.: RFA210222W001-3

### 3.5.4 TEST RESULTS







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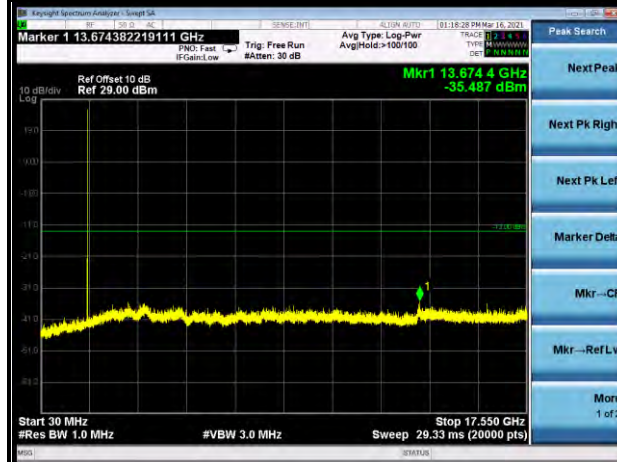
Test Report No.: RFA210222W001-3

## LTE BAND 4

### 1.4MHz / QPSK

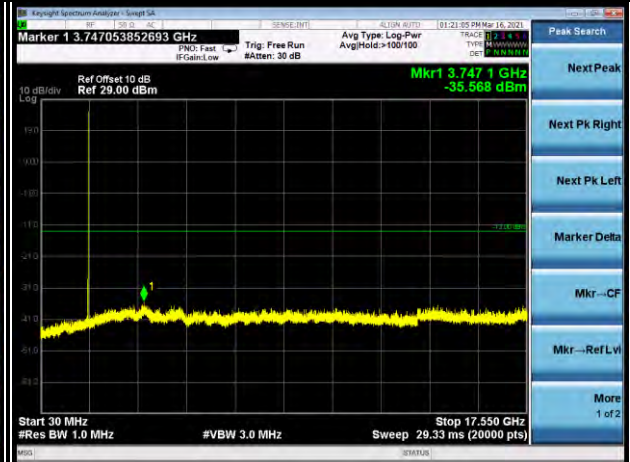
#### CHANNEL 19957

FREQUENCY RANG2E : 30MHz~17.55GHz



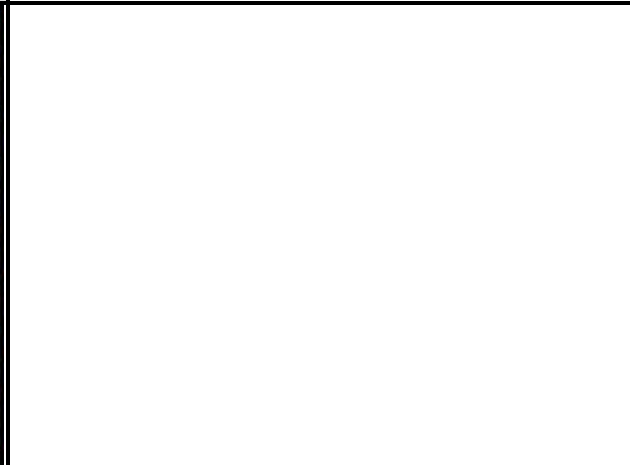
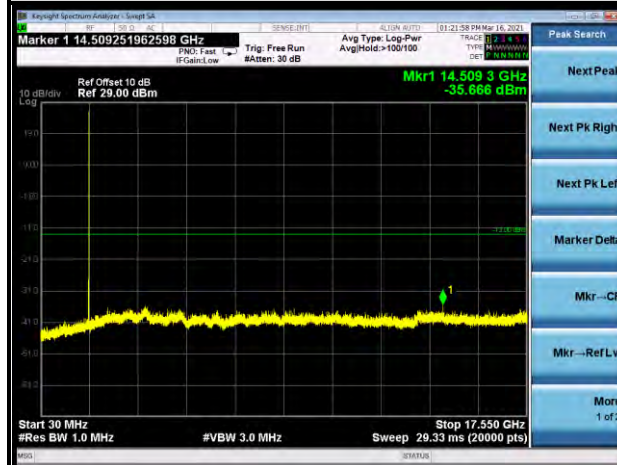
#### CHANNEL 20175

FREQUENCY RANG2E : 30MHz~17.55GHz



#### CHANNEL 20393

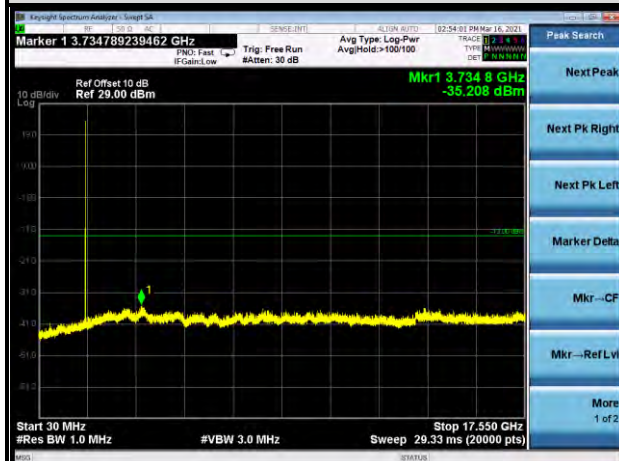
FREQUENCY RANG2E : 30MHz~17.55GHz



### 3MHz / QPSK

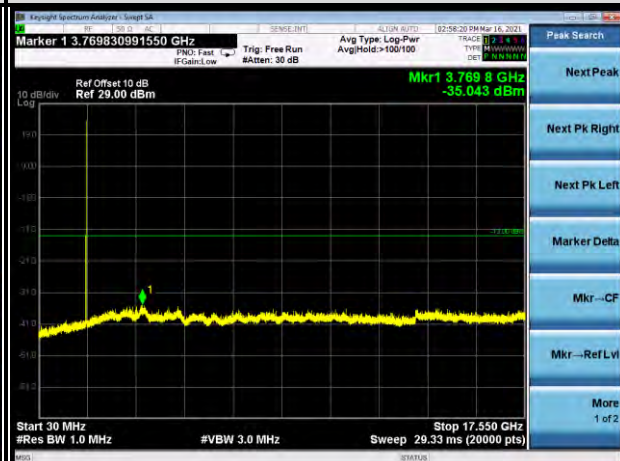
#### CHANNEL 19965

FREQUENCY RANG2E : 30MHz~17.55GHz



#### CHANNEL 20175

FREQUENCY RANG2E : 30MHz~17.55GHz



#### CHANNEL 20385

FREQUENCY RANG2E : 30MHz~17.55GHz

