

# 3.4 Band Edge

### 3.4.1 Limit of Band Edge

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 equal to -13dBm.

#### 3.4.2 Test Procedures

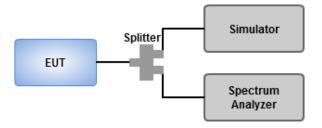
For out-of band emission except emission within 1MHz band immediately outside and adjacent to the edge

- 1 Lowest and highest operating channels are tested for this item.
- 2 Set RBW = 100 kHz, VBW = 300 kHz detector = RMS, sweep time = auto to measure trace.

For emission within 1MHz band immediately outside and adjacent to the edge

- 1 Lowest and highest operating channels are tested for this item.
- 2 Set RBW = at least 1% of 26dB bandwidth, VBW = 3 X RBW detector = RMS, sweep time = auto to measure trace.

### 3.4.3 Test Setup

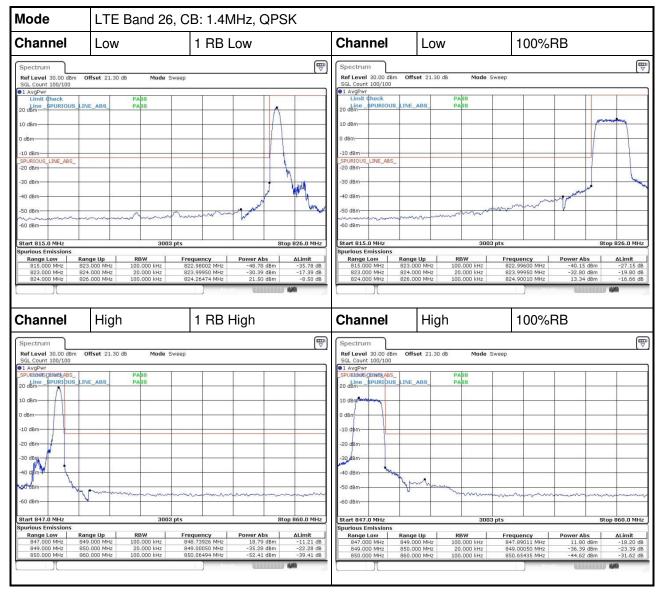


Report No.: FG5D3001P22 Page: 43 of 75

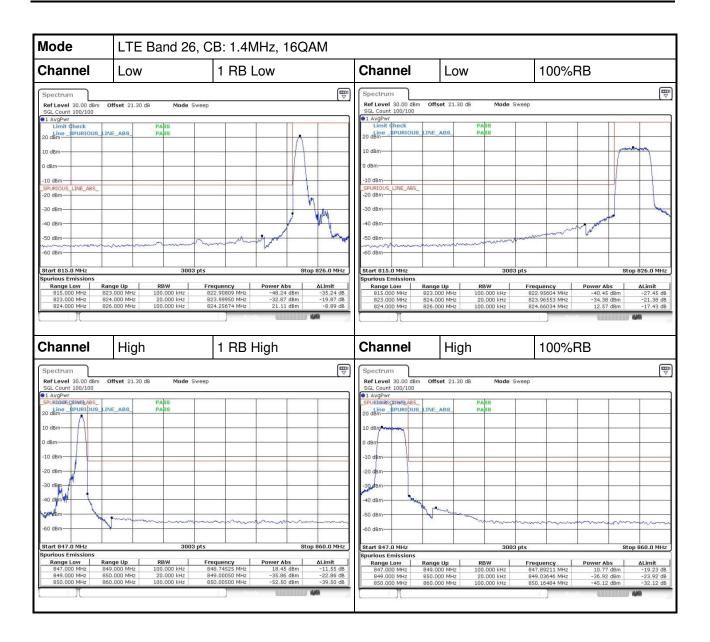


## 3.4.4 Test Result of Band Edge

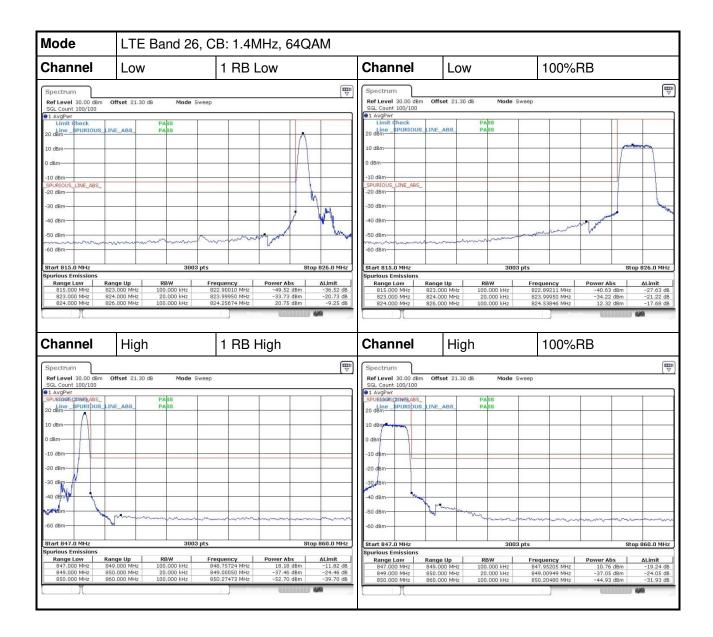
### LTE Band 26, CB: 1.4MHz



Report No.: FG5D3001P22 Page: 44 of 75



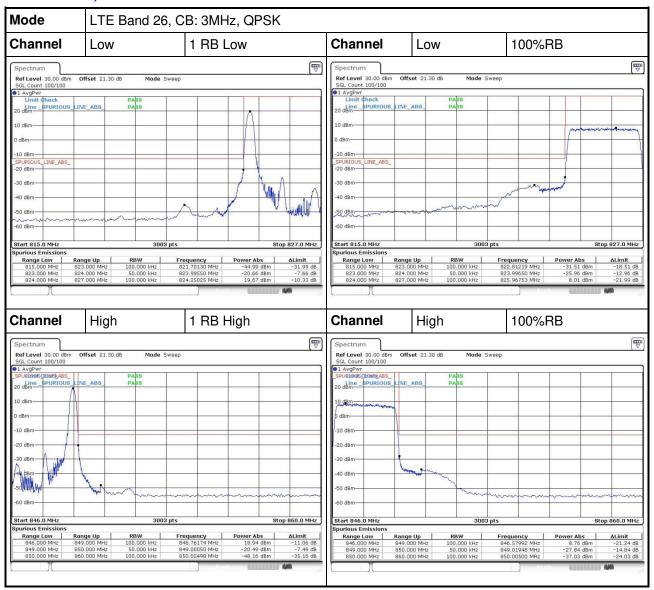
Report No.: FG5D3001P22 Page: 45 of 75



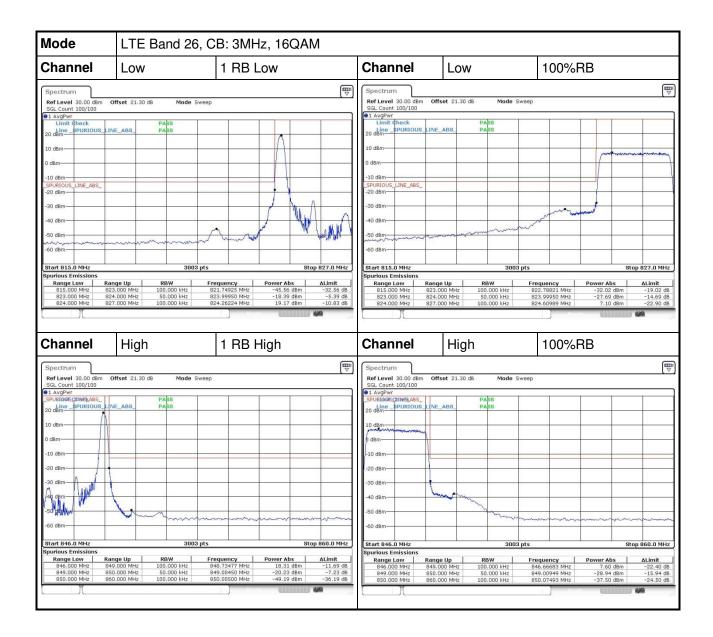
Report No.: FG5D3001P22 Page: 46 of 75



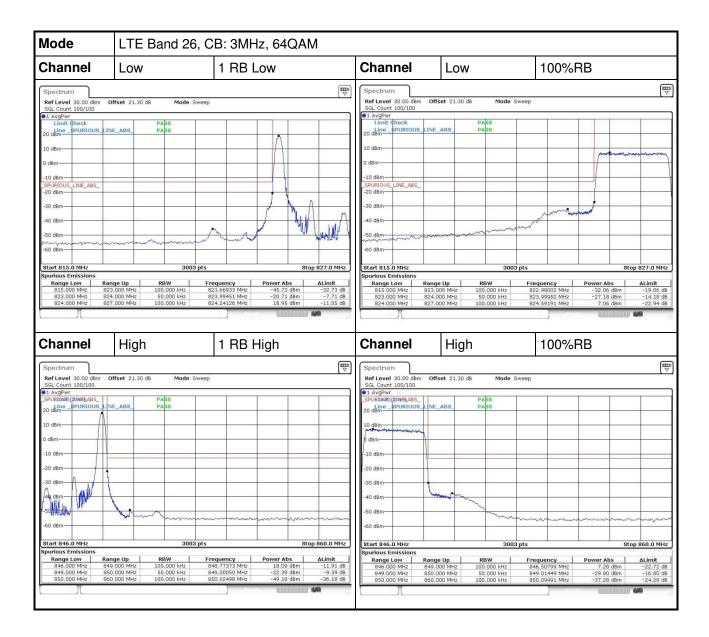
### LTE Band 26, CB: 3MHz



Report No.: FG5D3001P22 Page: 47 of 75



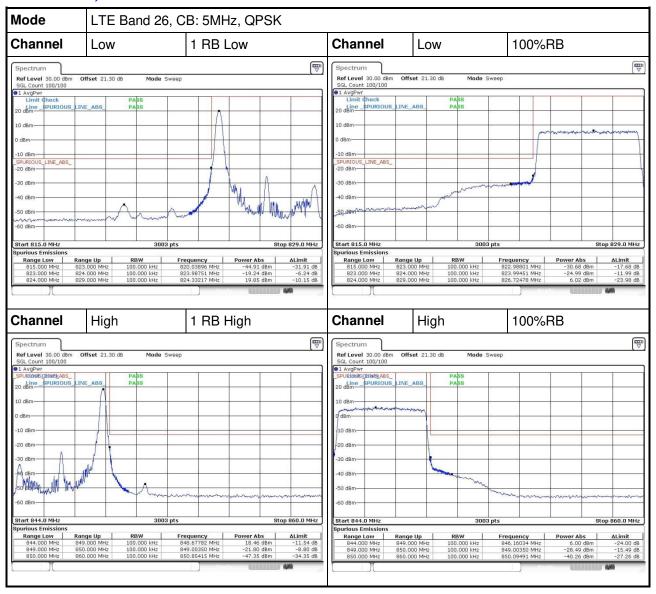
Report No.: FG5D3001P22 Page: 48 of 75



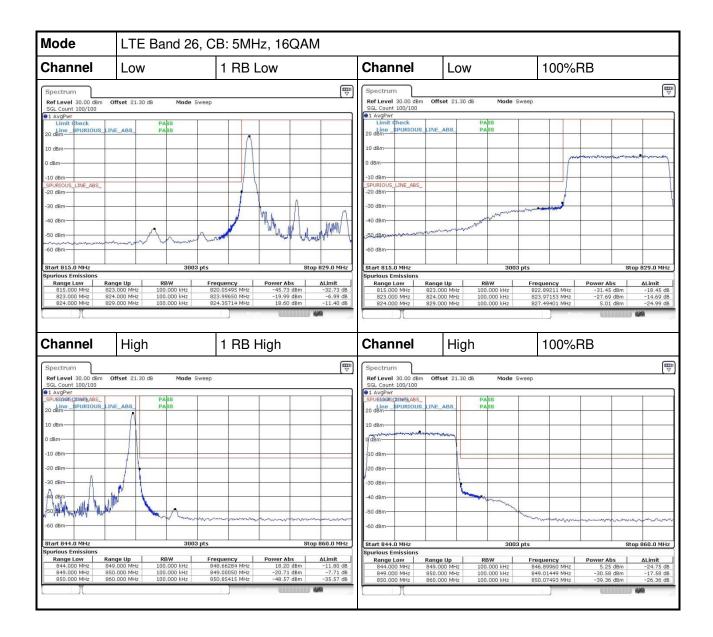
Report No.: FG5D3001P22 Page: 49 of 75



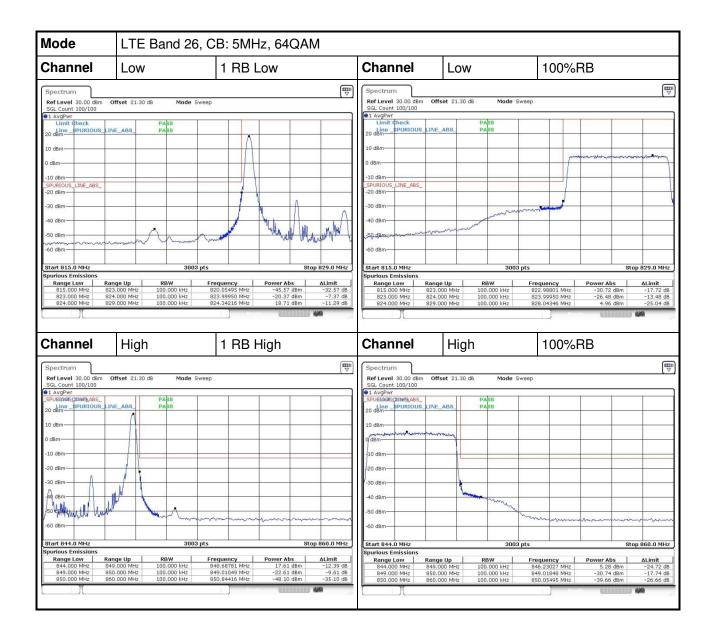
### LTE Band 26, CB: 5MHz



Report No.: FG5D3001P22 Page : 50 of 75



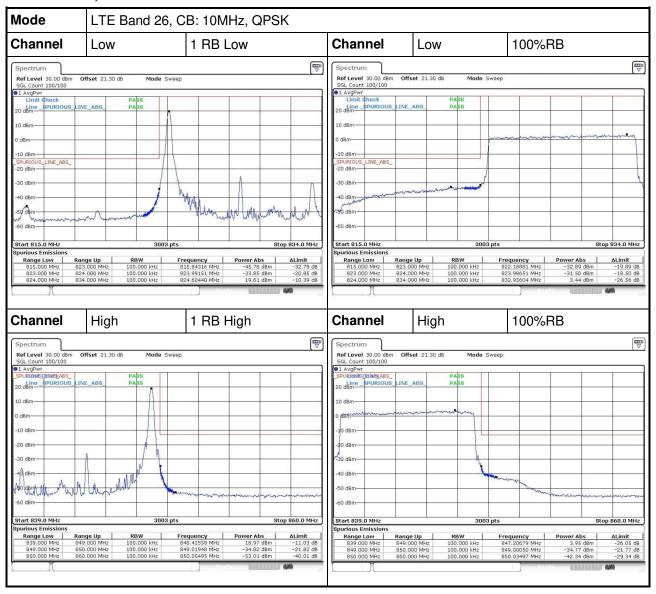
Report No.: FG5D3001P22 Page : 51 of 75



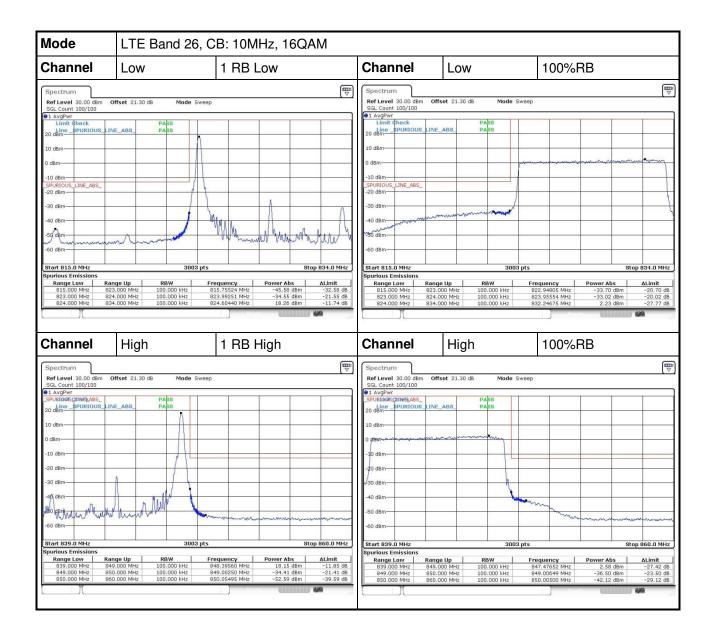
Report No.: FG5D3001P22 Page: 52 of 75



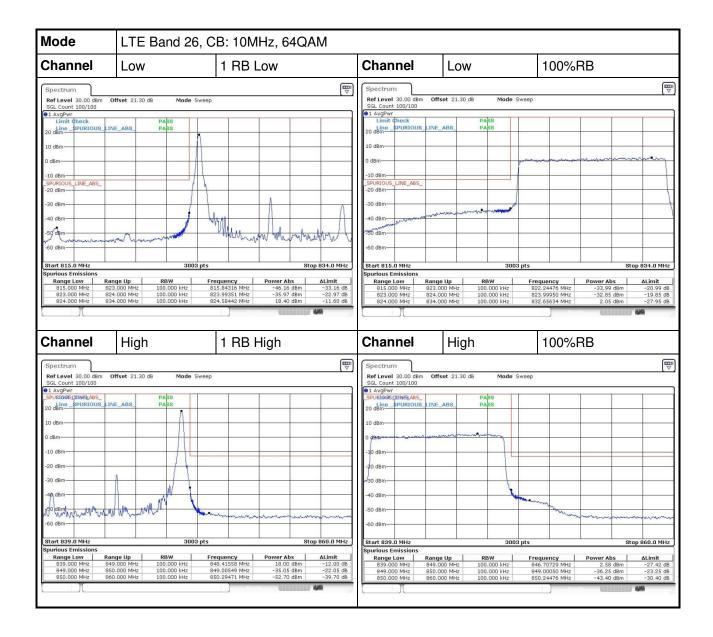
### LTE Band 26, CB: 10MHz



Report No.: FG5D3001P22 Page : 53 of 75



Report No.: FG5D3001P22 Page : 54 of 75



Report No.: FG5D3001P22 Page : 55 of 75