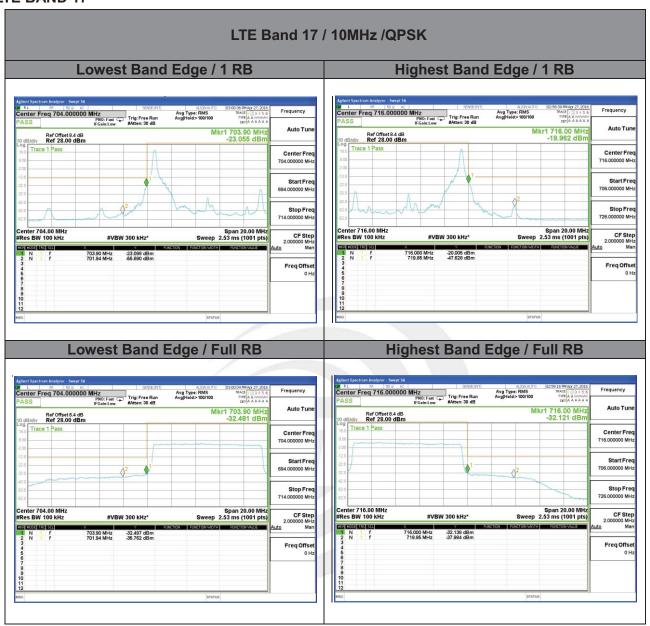




#### LTE BAND 17 LTE Band 17 / 5MHz /16QAM Lowest Band Edge / 1 RB Highest Band Edge / 1 RB Center Freq 718.500000 MHz PHO: Fast Control on Marken: 30 dB Center Freq 701.500000 MHz PRO: Fast Control ow Matten: 30 dB Frequency Avg Type: RMS Avg|Hold>100/100 Avg Type: RMS Avg|Hold>100/100 TYPE A A WWW. Auto Tur Center Fre 718.500000 MH Center Fre Start Free 711.000000 MH Stop Fre 726.000000 MH Stop Free CF Step 1.500000 MHz Mar CF Step 1.500000 MHz Mar Center 718.500 MHz #Res BW 51 kHz Span 15.00 MHz Sweep 7.13 ms (1001 pts) Span 15.00 MHz Sweep 7.13 ms (1001 pts) #VBW 160 kHz\* 703.910 MHz 702.200 MHz -15.448 dBm -49.187 dBm -20.807 dBm -48.749 dBm 716.000 MHz 717.830 MHz Freq Offset Freq Offse Lowest Band Edge / Full RB **Highest Band Edge / Full RB** Center Freq 701.500000 MHz PN0: Feast | Floain:Low | #Atten: 30 dB Frequency Avg Type: RMS Avg|Hold>100/100 Avg Type: RMS Avg|Hold>100/100 TYPE A A WANNAMA Auto Tur Mkr1 703.910 MHz -30.587 dBm Auto Tur Center Fre 718.500000 MH Center Fre 701.500000 MH Start Free 711.000000 MH Start Free 694.000000 MH **⊘**<sup>2</sup> **Ø** $\langle \rangle^2$ Stop Fre Stop Fre 709.000000 MH Span 15.00 MHz Sweep 7.13 ms (1001 pts) Center 701.500 MHz #Res BW 51 kHz Center 718.500 MHz #Res BW 51 kHz Span 15.00 MHz Sweep 7.13 ms (1001 pts) CF Step 1.500000 MHz Man CF Step 1.500000 MHz #VBW 160 kHz\* #VBW 160 kHz\* -30.625 dBm -34.938 dBm Freq Offse Freq Offse

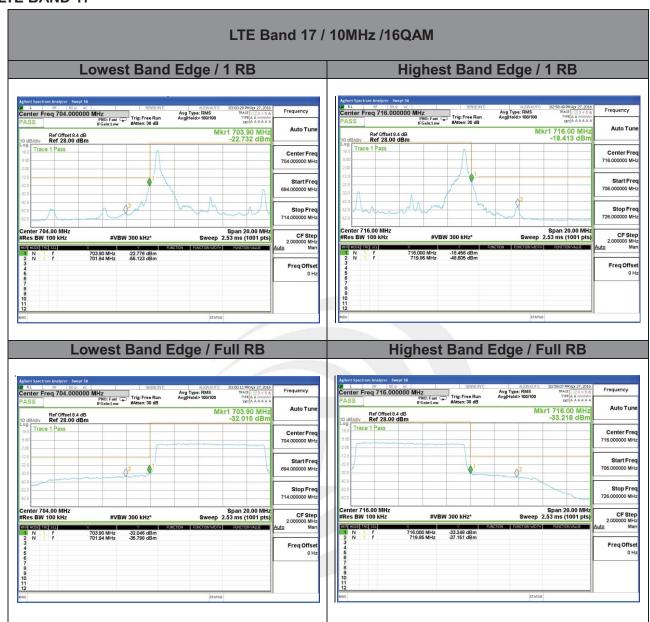














#### 8. CONDUCTED SPURIOUS EMISSION

#### 8.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

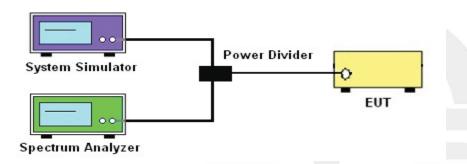
#### 8.1.1 MEASUREMENT METHOD

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB. For Band 7:

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 55 + 10 log (P) dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

#### 8.1.2 TEST SETUP



# 8.1.3 TEST PROCEDURES

- 1. The testing follows FCC KDB 971168 v02r02 Section 6.0.
- 2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
- 3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement
- 4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
- 5. The RF fundamental frequency should be excluded against the limit line in the operating frquency band.
- 6. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)
- = P(W)-[43 + 10log(P)] (dB) = [30 + 10log(P)] (dBm) [43 + 10log(P)] (dB)
- = -13dBm.

	LTE					
LTE BW	1.4M	3M	5M	10M	15M	20M
Span	Auto	Auto	Auto	Auto	Auto	Auto
RBW	1000kHz	1000kHz	1000kHz	1000kHz	1000kHz	1000kHz
VBW	3000kHz	3000kHz	3000kHz	3000kHz	3000kHz	3000kHz
Detector	PK	PK	PK	PK	PK	PK
Trace	Max	Max	Max	Max	Max	Max





# 8.1.4 TEST RESULTS

