



## 6.6. Peak to Average Ratio

### 6.6.1. Test Limit

In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

### 6.6.2. Test Procedure Used

KDB 971168 D01v03r01 - Section 5.7

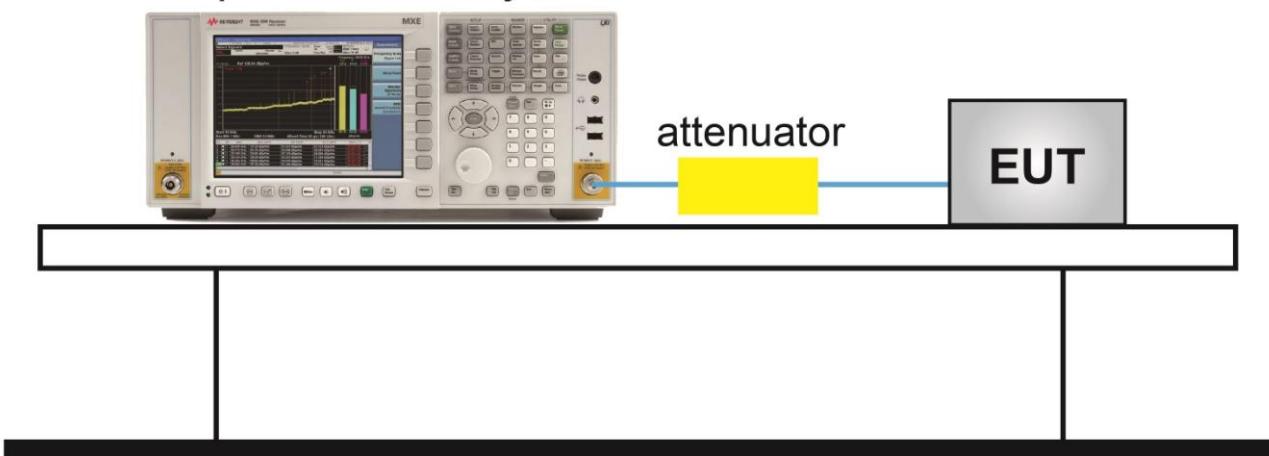
ANSI C63.26-2015 - Section 5.2.6

### 6.6.3. Test Setting

1. Set the resolution / measurement bandwidth  $\geq$  signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PARR level associated with a probability of 0.1%.

### 6.6.4. Test Setup

Spectrum Analyzer



### 6.6.5. Test Result

Product	AirScale Indoor Radio ASiR-pRRH	Test Engineer	Peter Xu
Test Site	SR2	Test Date	2019/01/29 ~ 2019/01/30
Test Item	Peak to Average Ratio - LTE Band 2		

Channel	Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)		Limit (dBm)	Result
			Ant 0	Ant 1		
<b>QPSK</b>						
700	1940.0	20	7.96	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.97	≤ 13.00	Pass
1100	1980.0	20	7.94	7.95	≤ 13.00	Pass
<b>16QAM</b>						
700	1940.0	20	7.96	7.99	≤ 13.00	Pass
900	1960.0	20	7.93	7.97	≤ 13.00	Pass
1100	1980.0	20	7.92	7.94	≤ 13.00	Pass
<b>64QAM</b>						
700	1940.0	20	7.96	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.97	≤ 13.00	Pass
1100	1980.0	20	7.95	7.94	≤ 13.00	Pass
<b>256QAM</b>						
700	1940.0	20	7.97	7.97	≤ 13.00	Pass
900	1960.0	20	7.96	7.95	≤ 13.00	Pass
1100	1980.0	20	7.97	7.93	≤ 13.00	Pass



