

**Transmitter Antenna Port Conducted Spurious Emissions**

Tests performed at Port 1 on center channel for all modulations and bandwidth modes. Due to 2x2 MIMO operation, limit is -16.01dBm (-13dBm –  $10 \cdot \log(2)$ ) per FCC KDB 662911D01 v02r01.

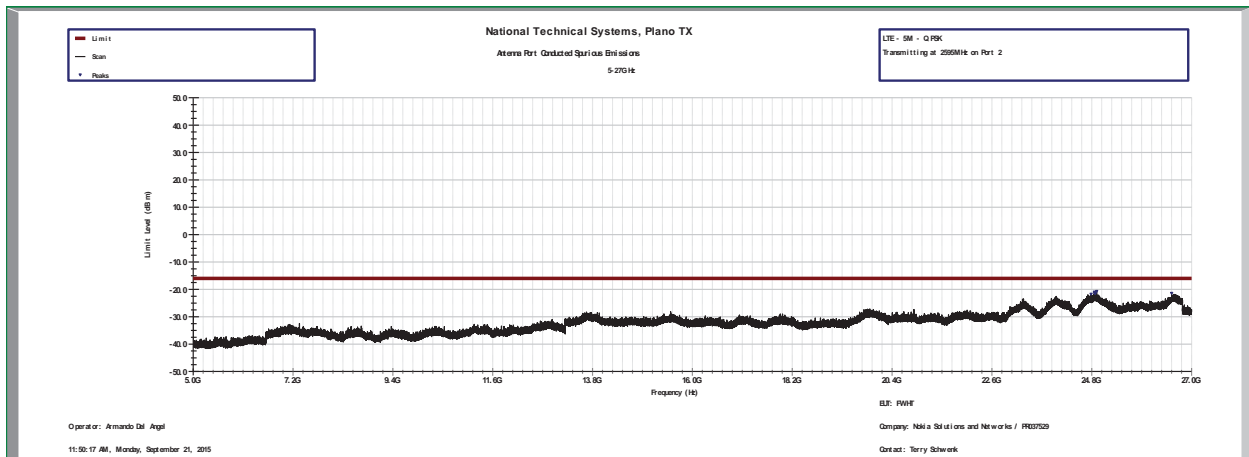
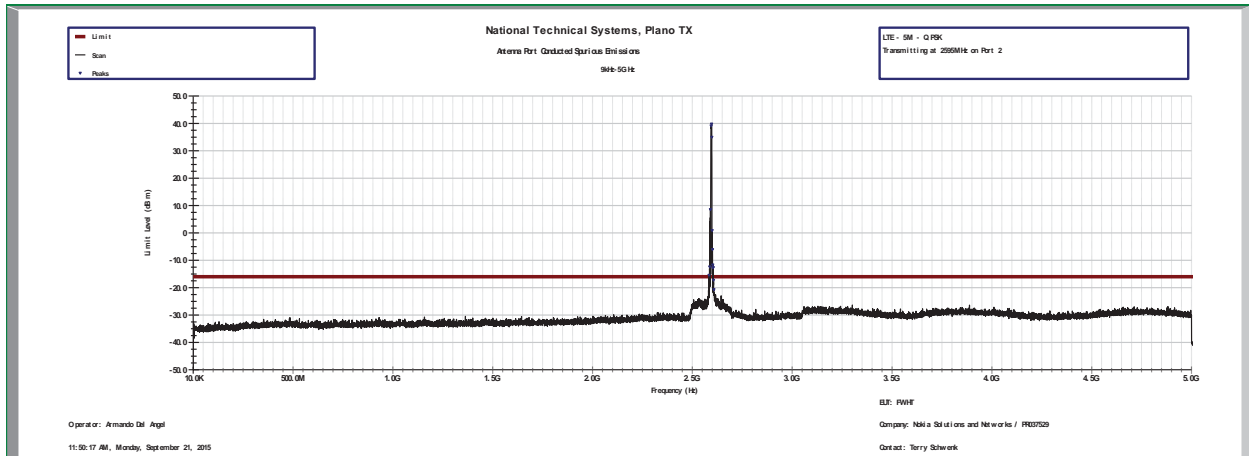
TILE6 measurement software was used during testing with the following settings:

Frequency Range	RBW	VBW	Number of data points	Divided into	Detector	Sweep Time	Max hold over
9kHz-150kHz	1kHz	3kHz	8000	1 segment	Peak	Auto	50 sweeps
150kHz-1.5MHz	100kHz	300kHz	8000	1 segments	Peak	Auto	50 sweeps
1.5MHz-5GHz	1MHz	3MHz	8000	3 segments	Peak	Auto	50 sweeps
5GHz-7GHz	1MHz	3MHz	8000	10 segments	Peak	Auto	50 sweeps

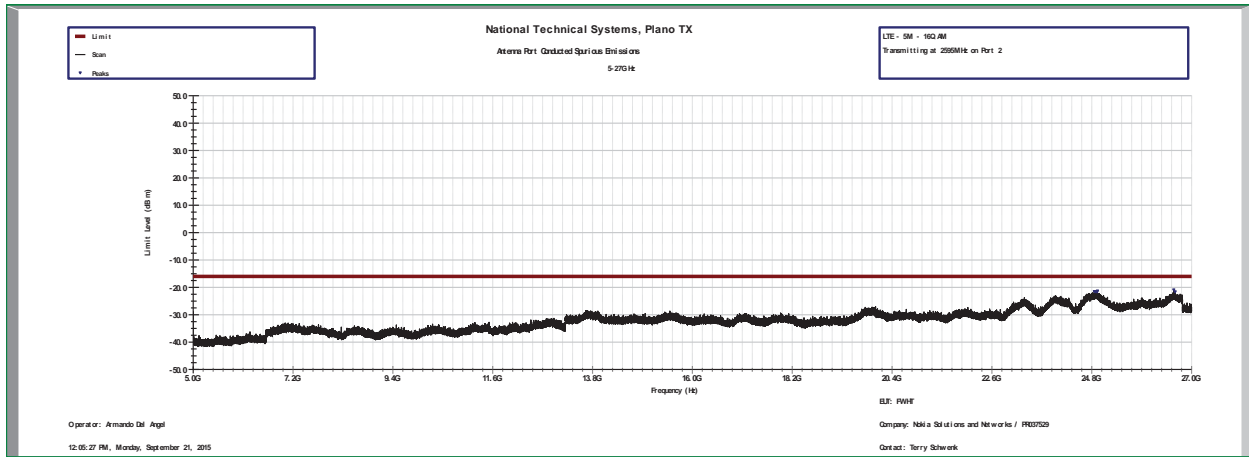
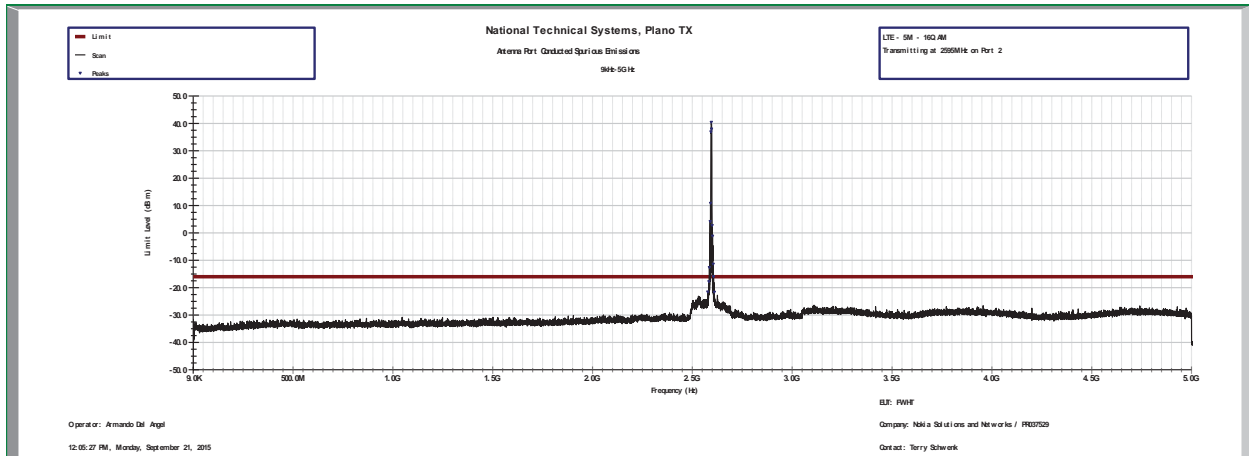
Above 5GHz, in order to reduce the measurement instrumentation noise floor a the PSA's internal attenuation was reduced from 30dB to 20dB.

Corresponding plots are included on the following pages.

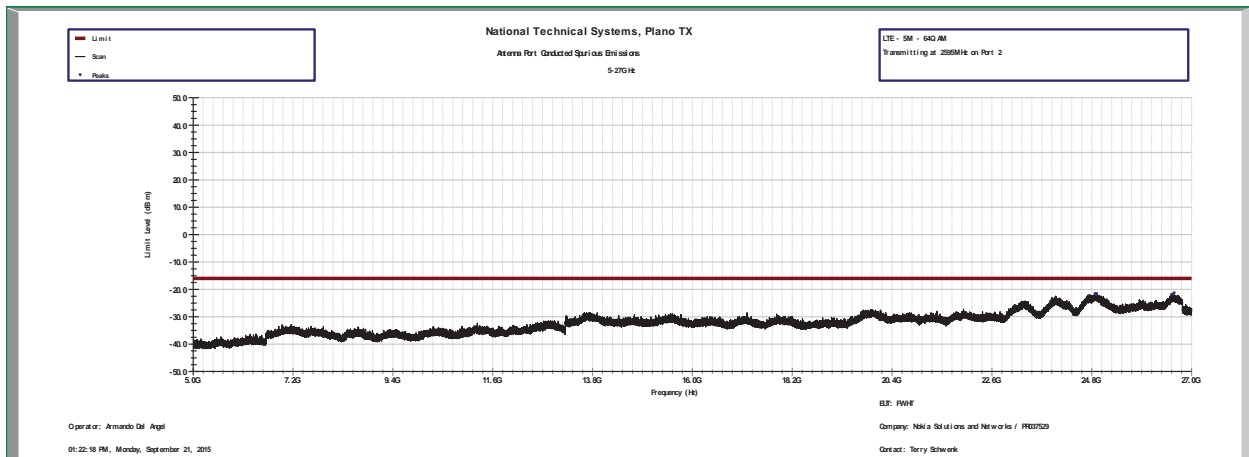
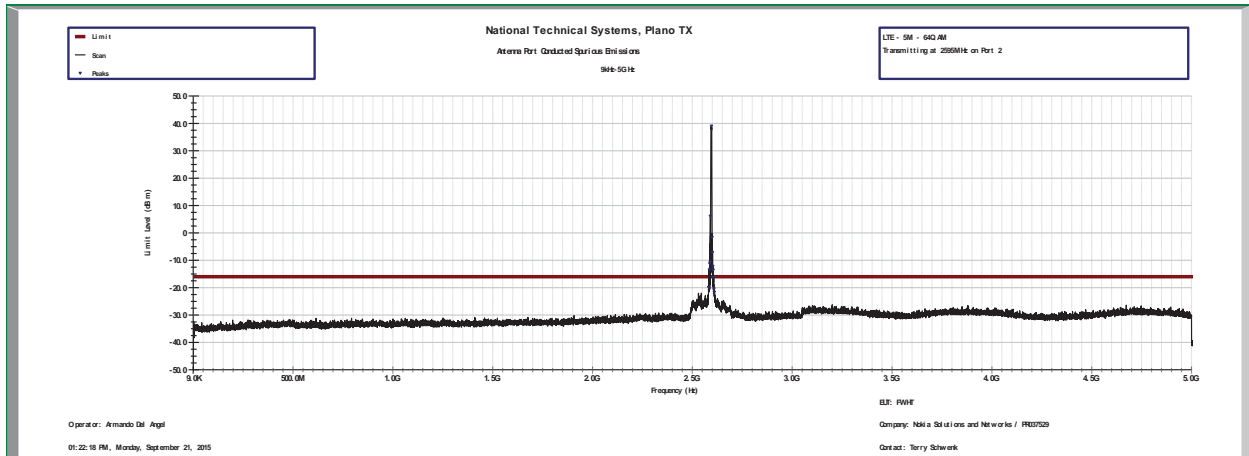
5M - LTE - QPSK - Center Channel (2595MHz)



5M - LTE - 16QAM - Center Channel (2595MHz)



5M – LTE – 64QAM – Center Channel (2595MHz)





10M – LTE – QPSK – Center Channel (2595MHz)

