

Transmitter Antenna Port Conducted Spurious Emissions Sub-Bands

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*log(2)) per FCC KDB 662911D01 v02r01.

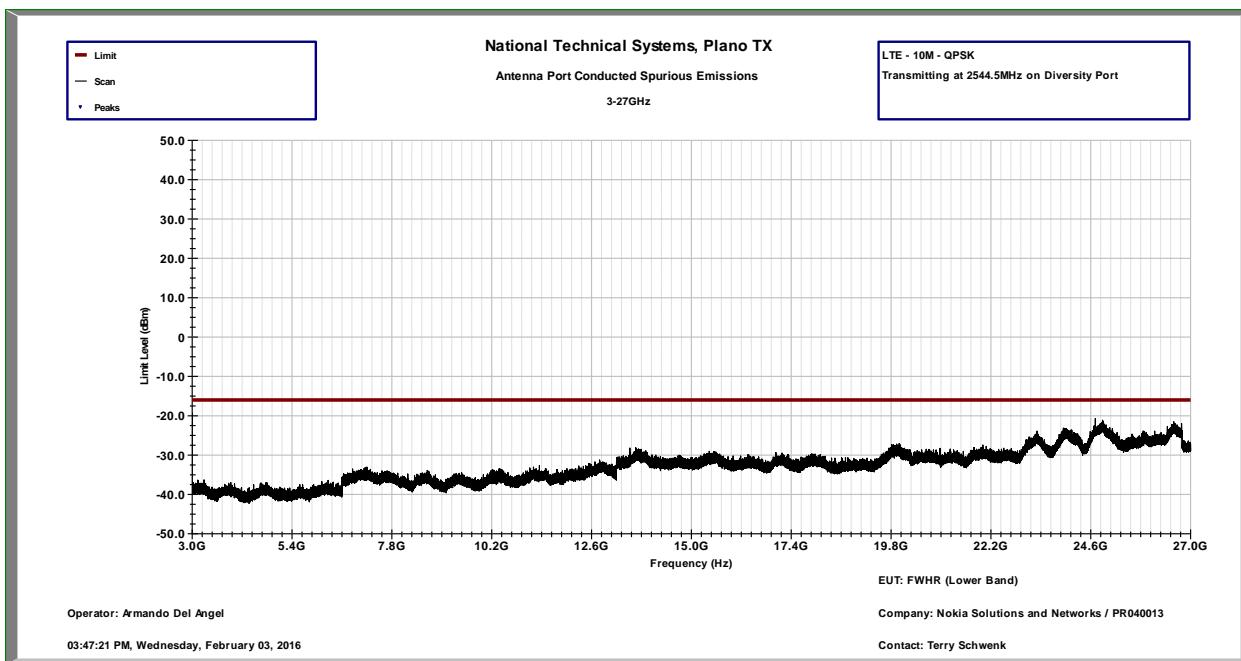
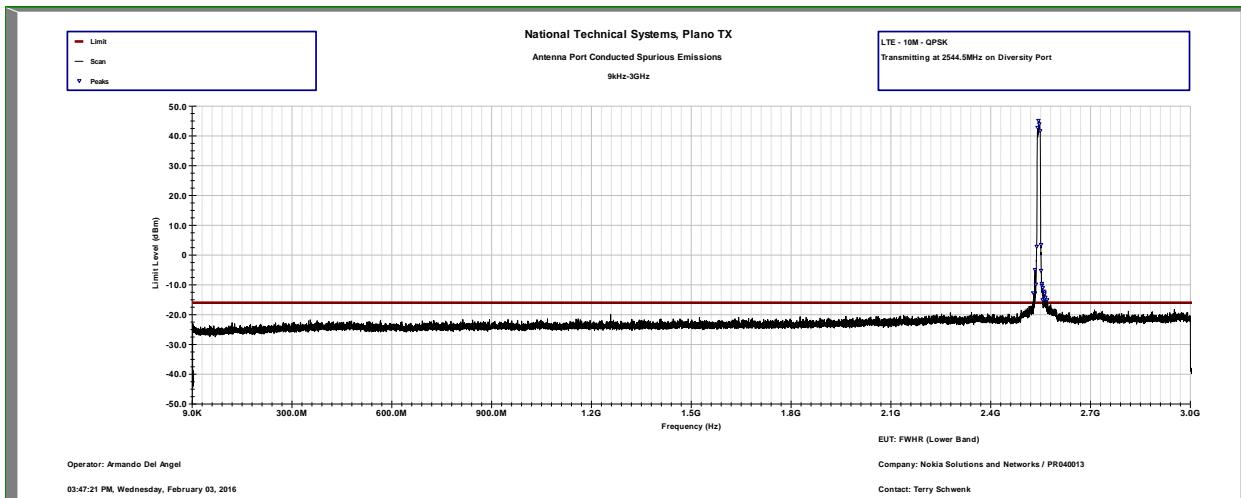
TILE6 measurement software was used during testing with the following settings:

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

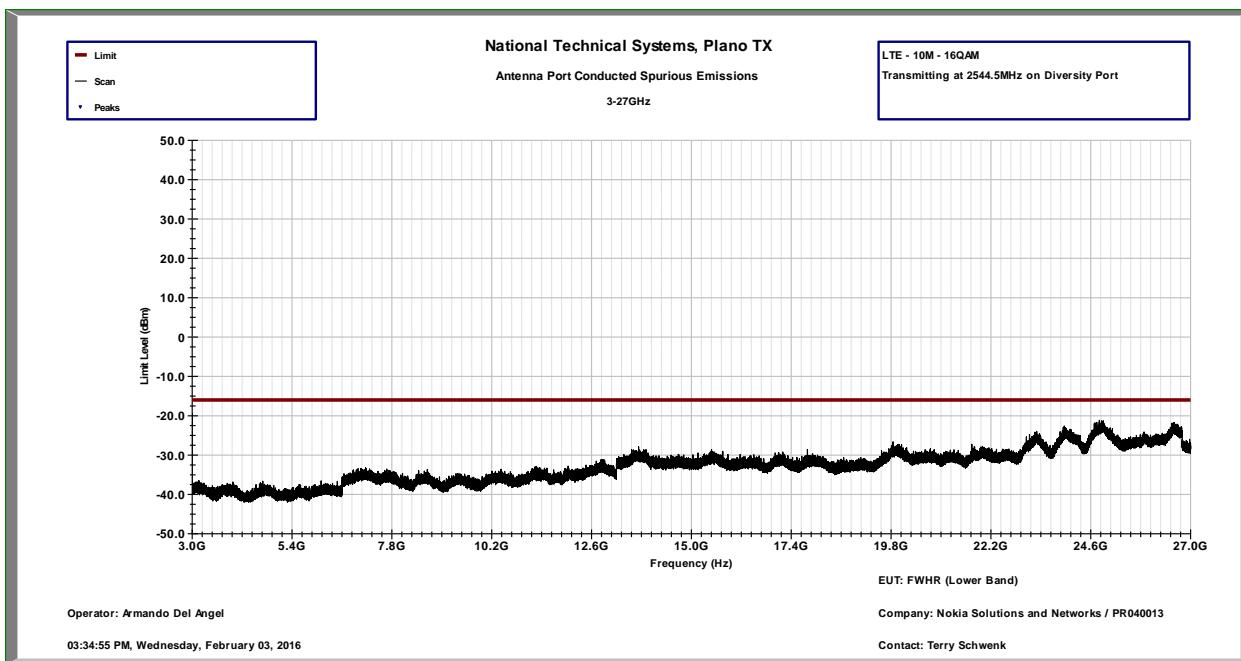
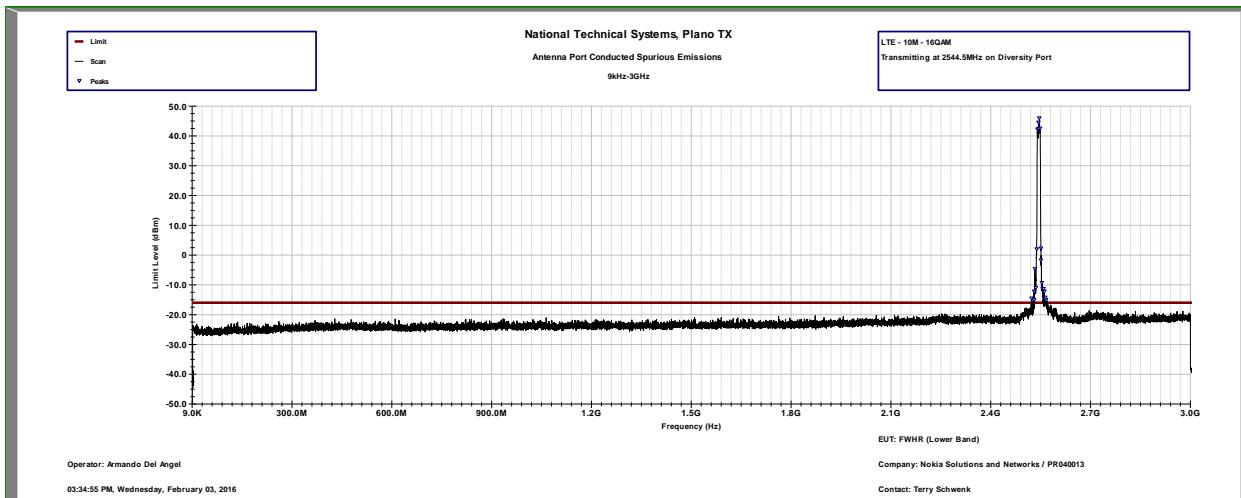
Above 3GHz, in order to reduce the measurement instrumentation noise floor, the PSA's internal attenuation was reduced from 20dB to 0dB.

Corresponding plots are included on the following pages.

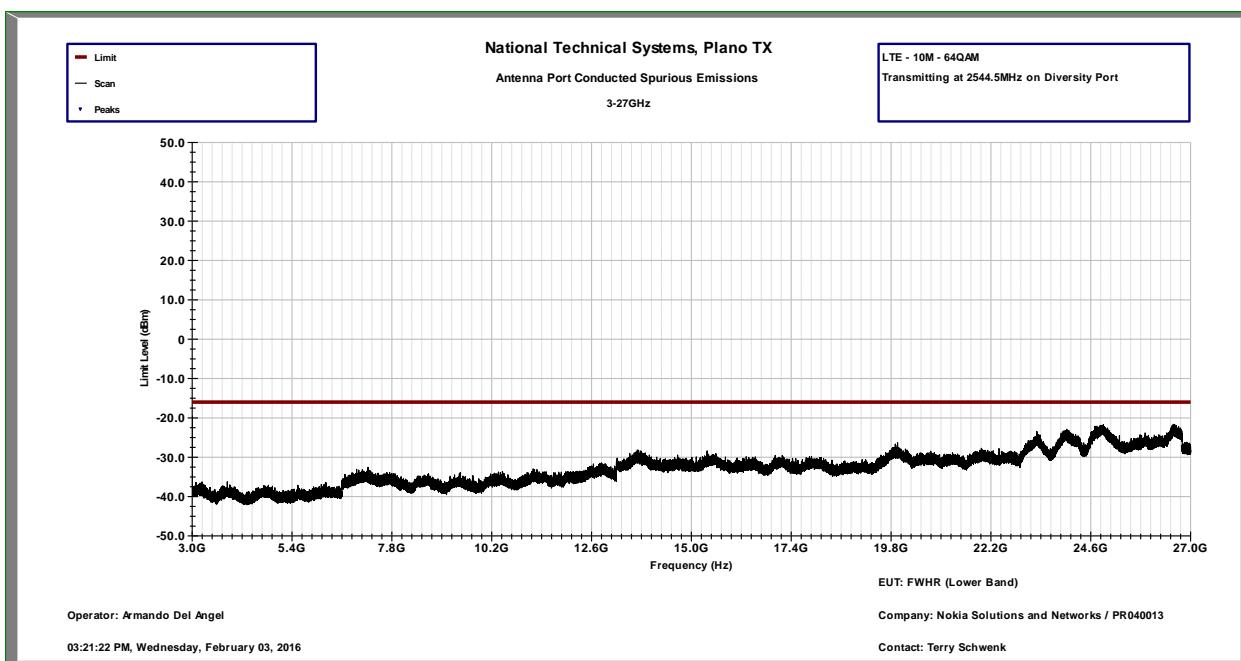
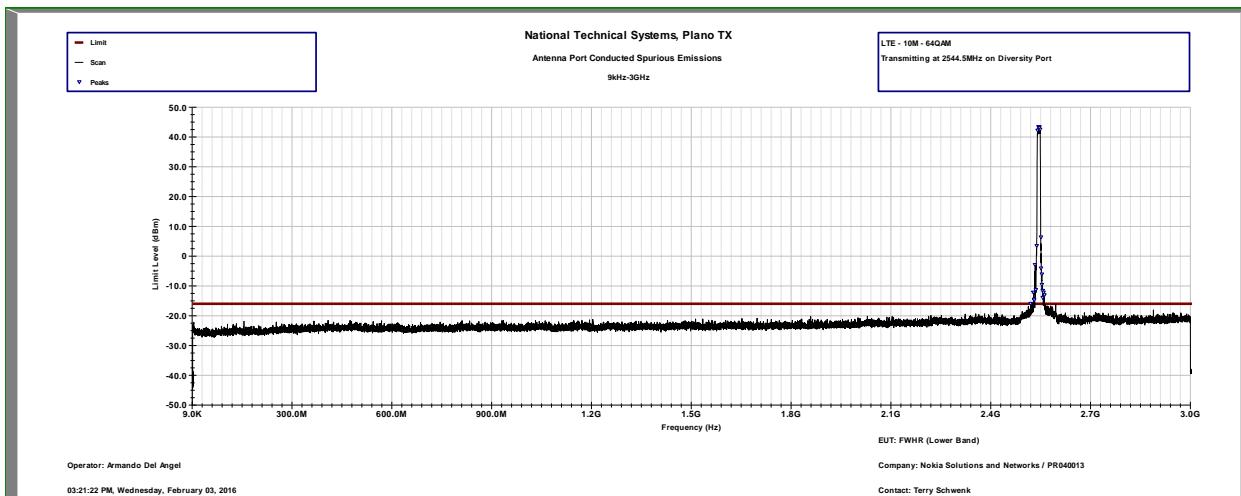
10M – LTE – QPSK – Center Channel Lower Band (2544.5MHz)



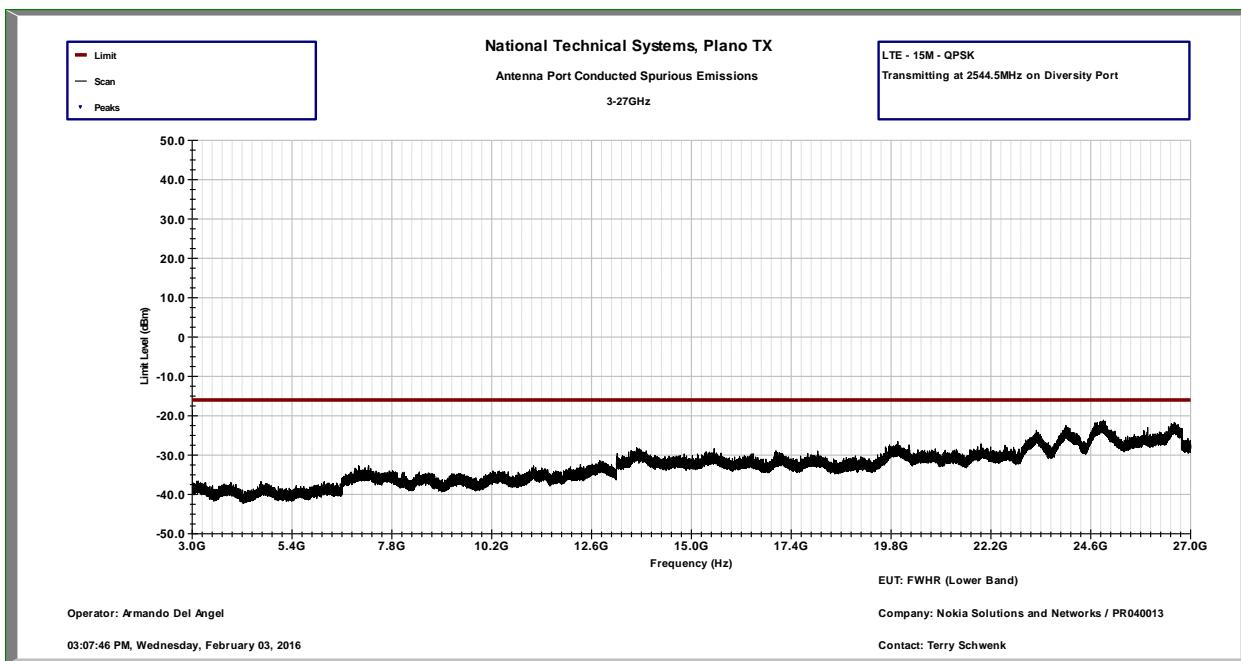
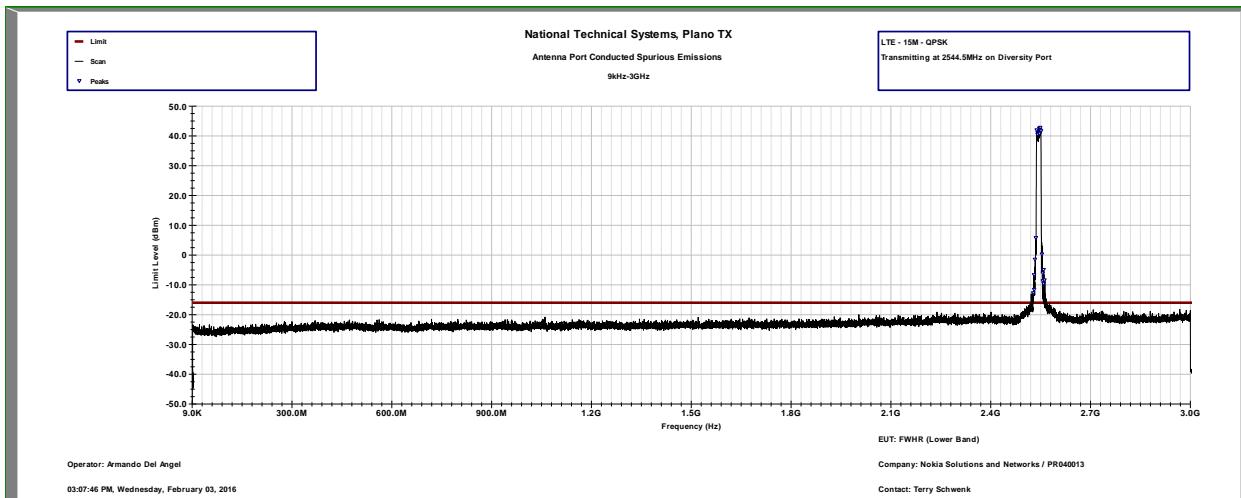
10M – LTE – 16QAM – Center Channel Lower Band (2544.5MHz)



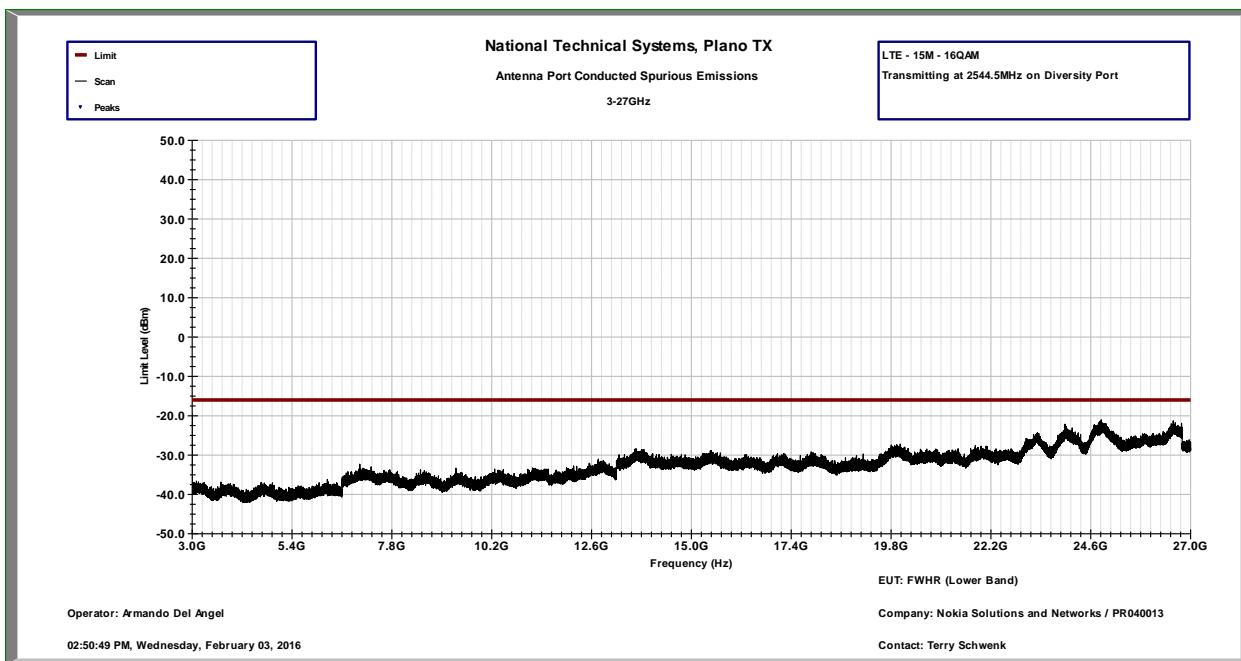
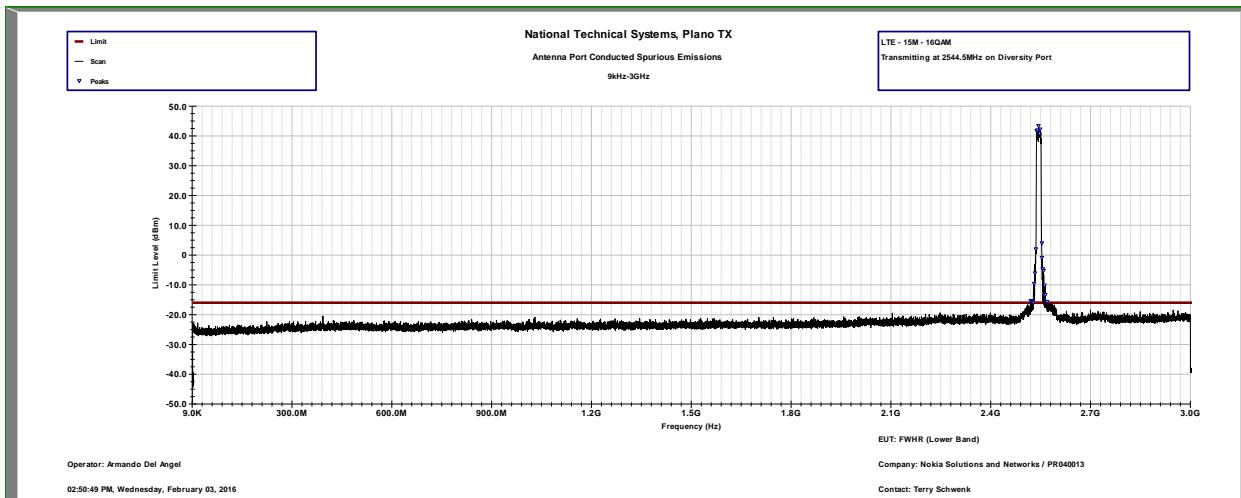
10M – LTE – 64QAM – Center Channel Lower Band (2544.5MHz)



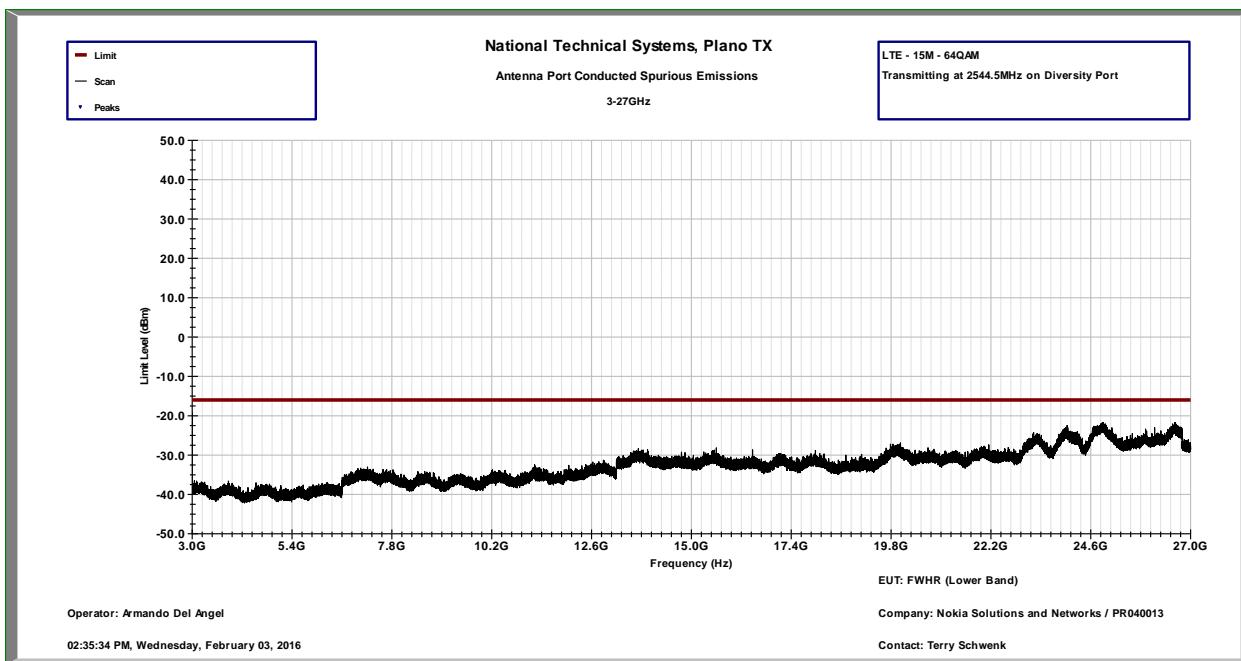
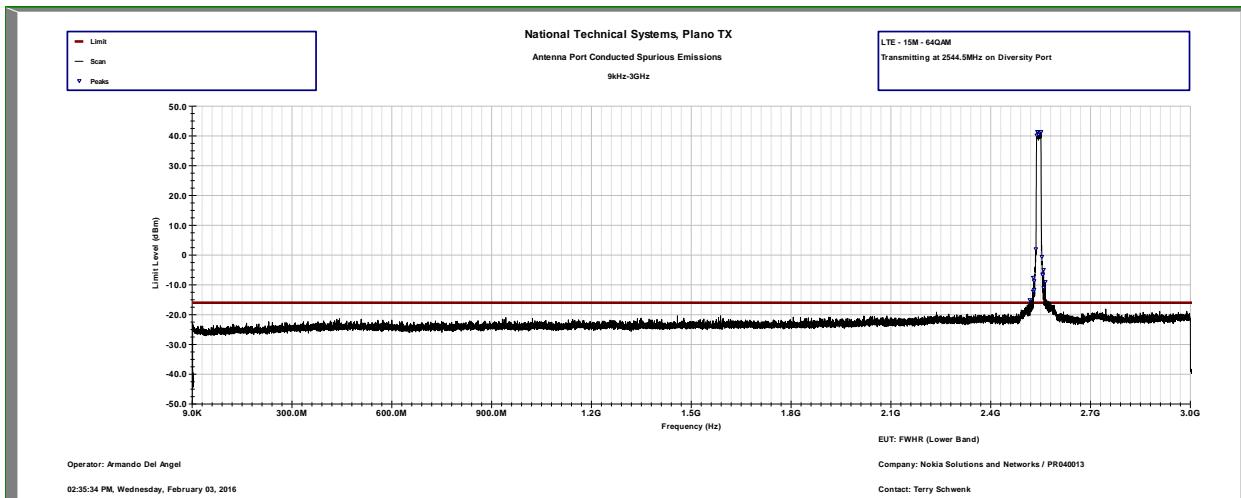
15M – LTE – QPSK – Center Channel Lower Band (2544.5MHz)



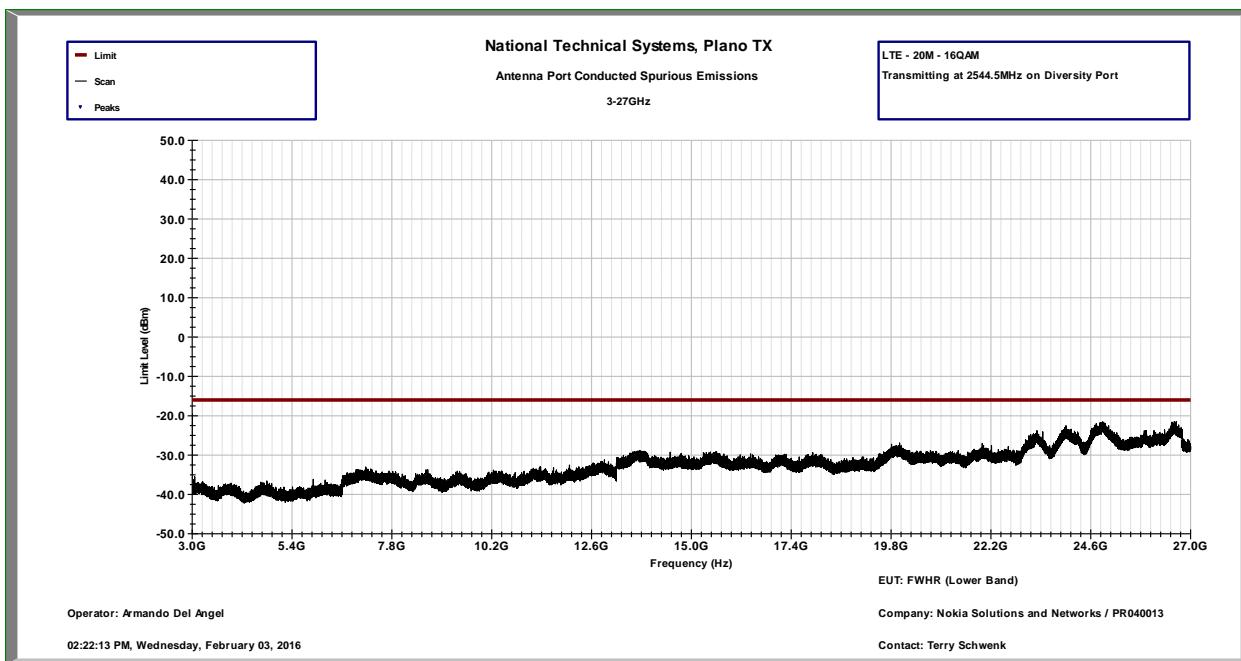
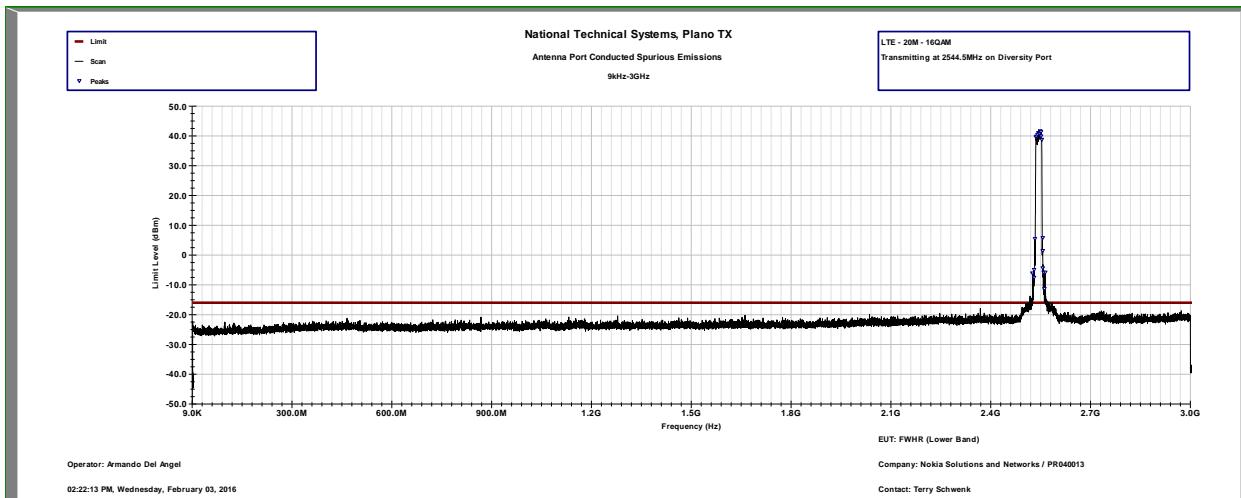
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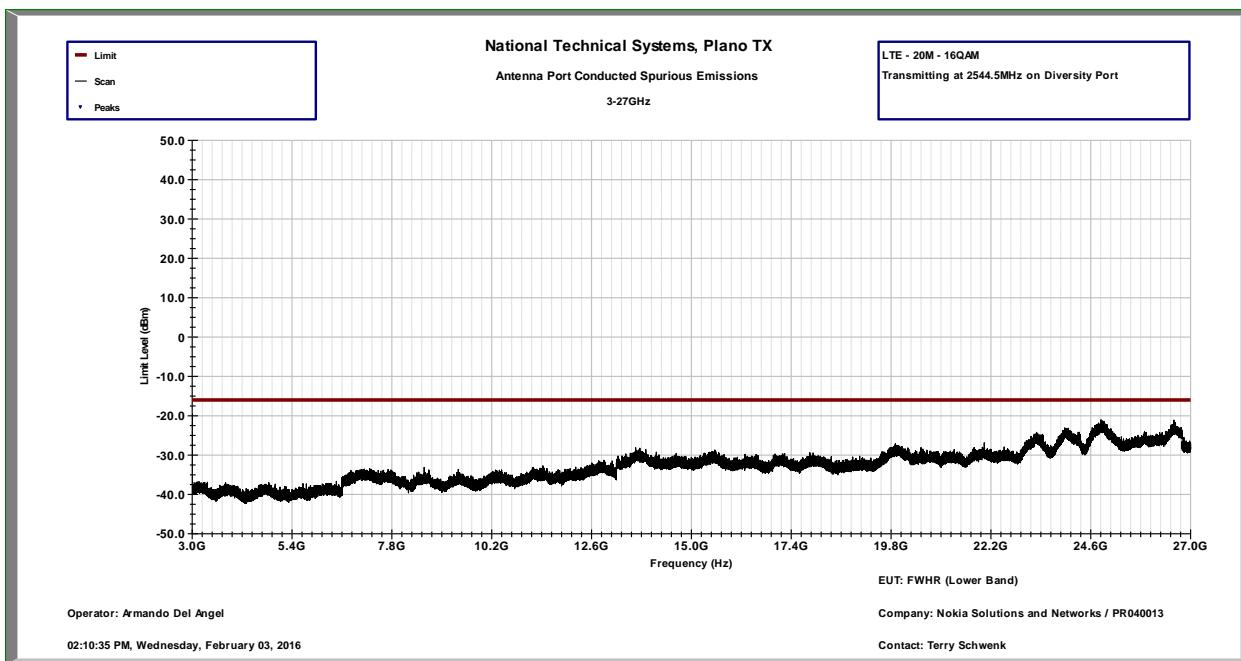
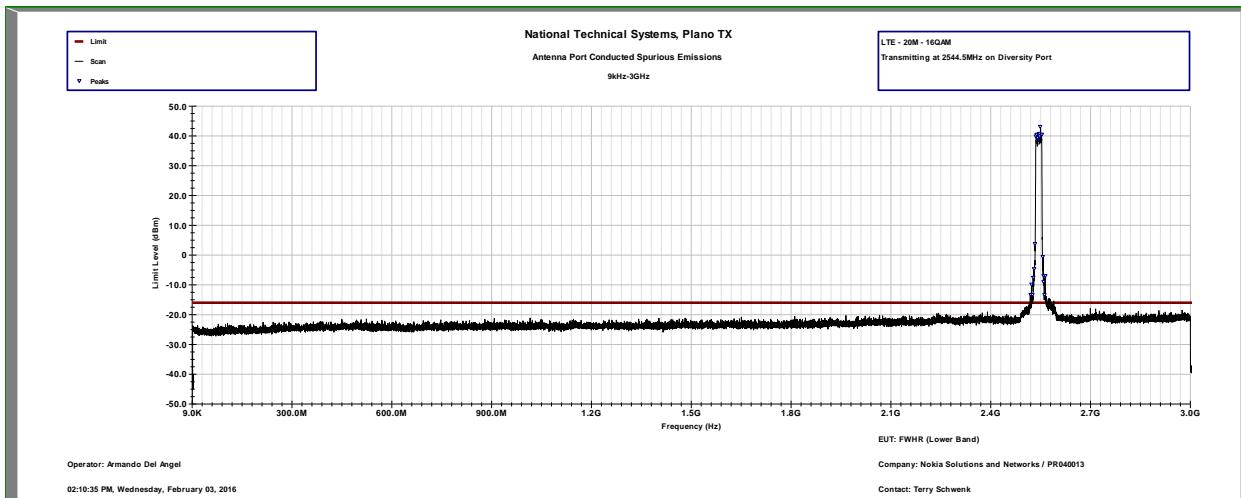
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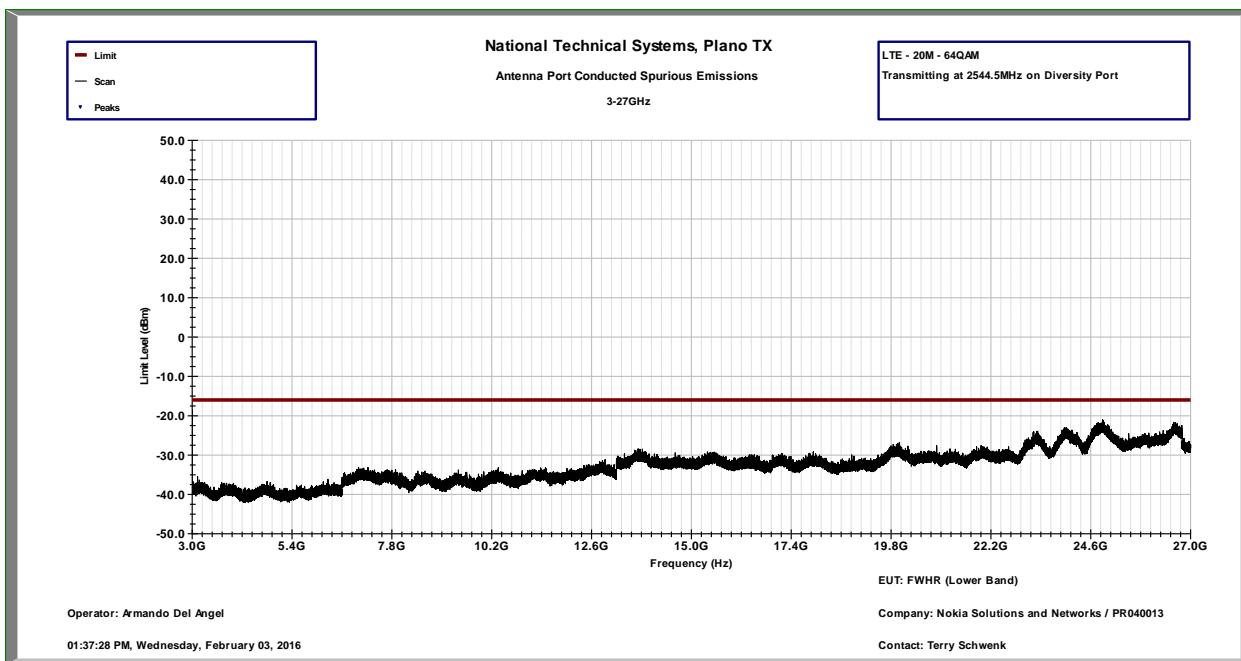
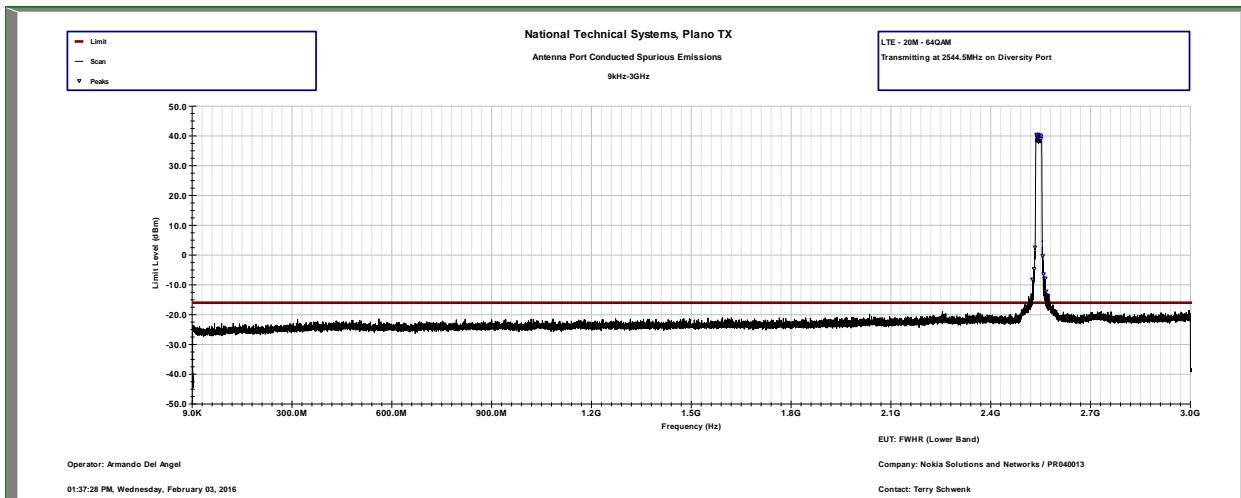
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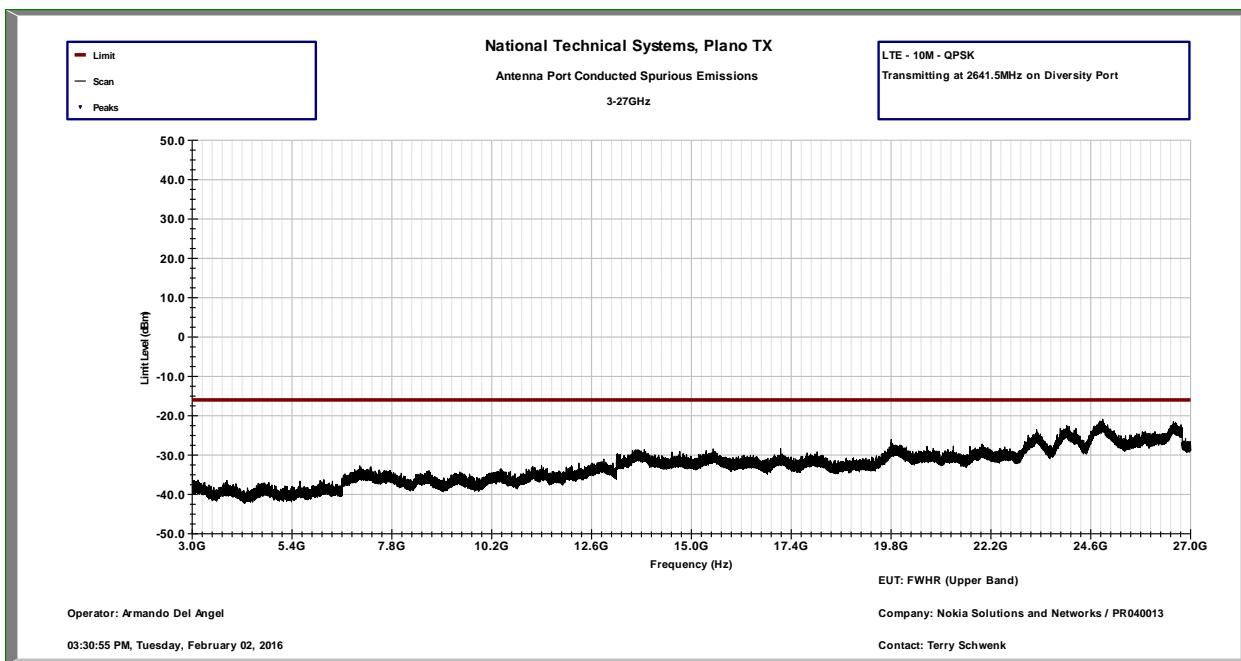
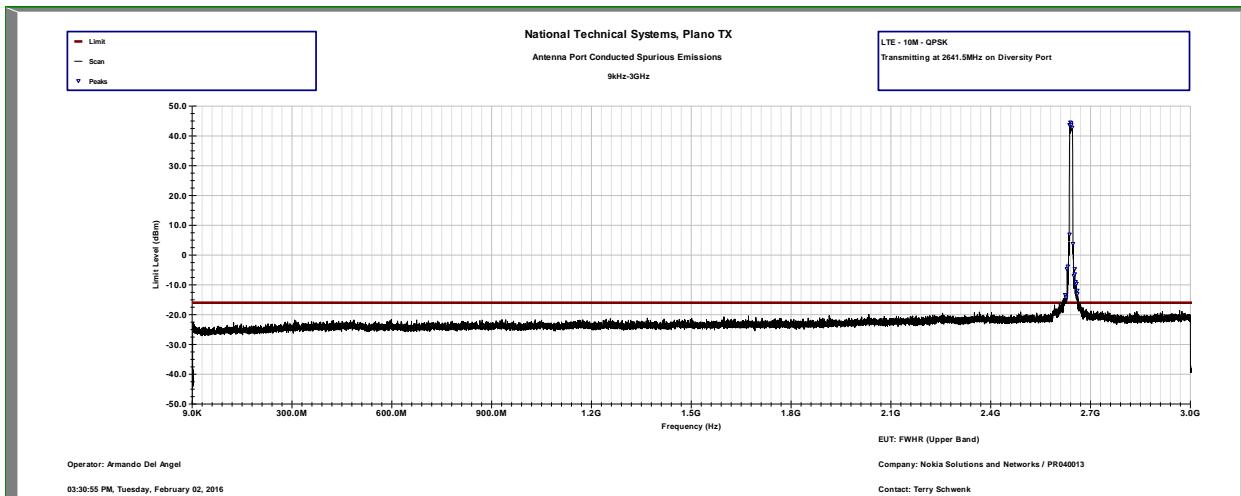
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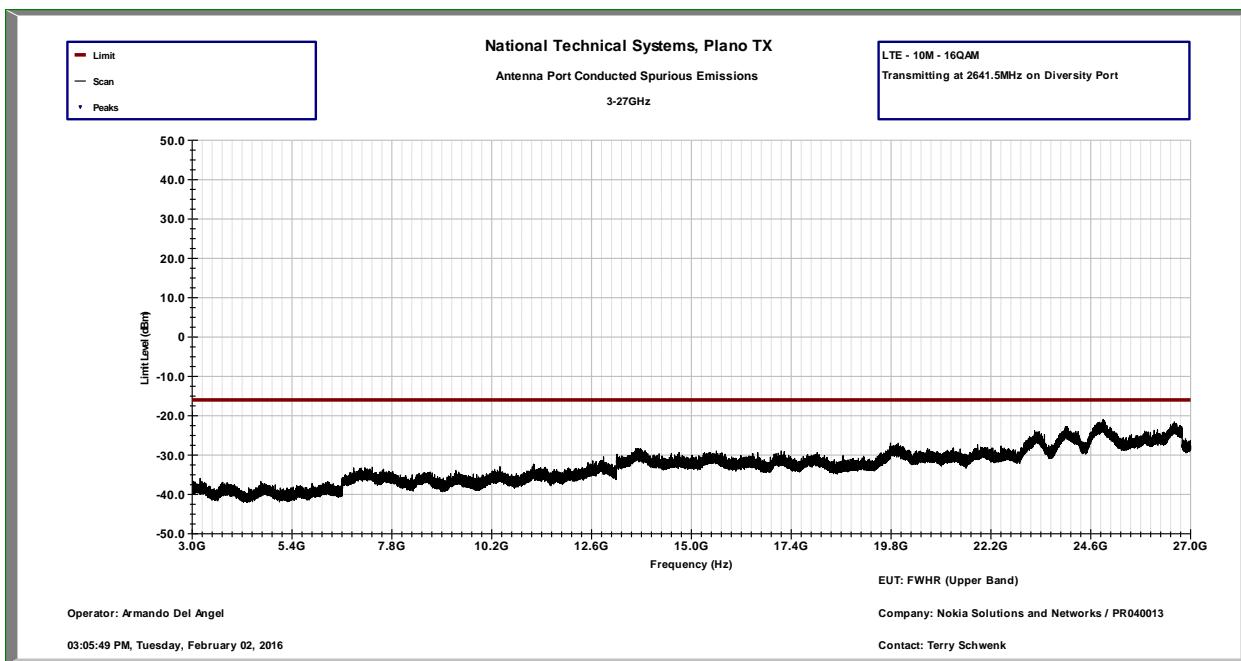
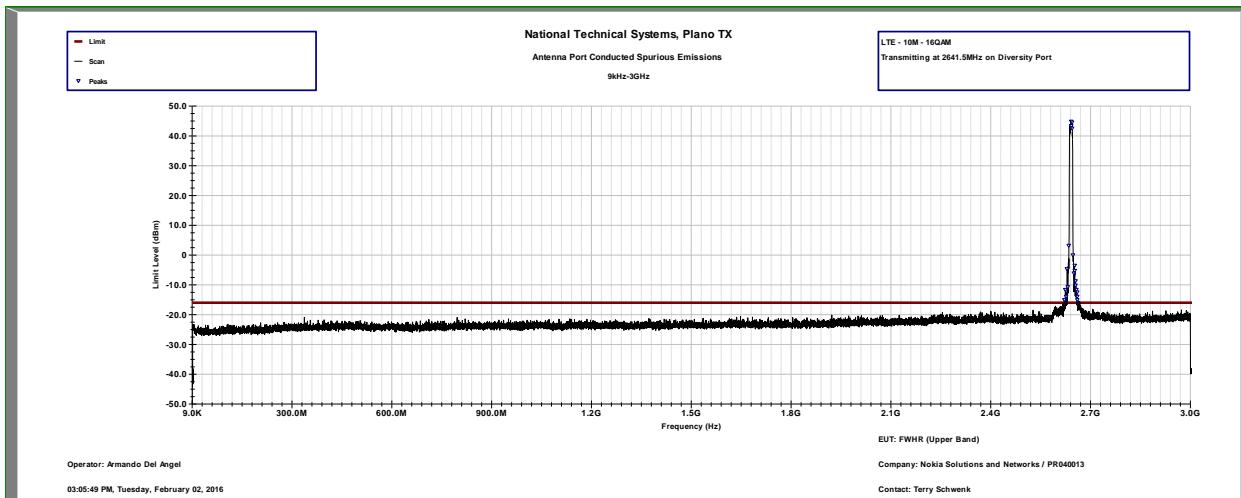
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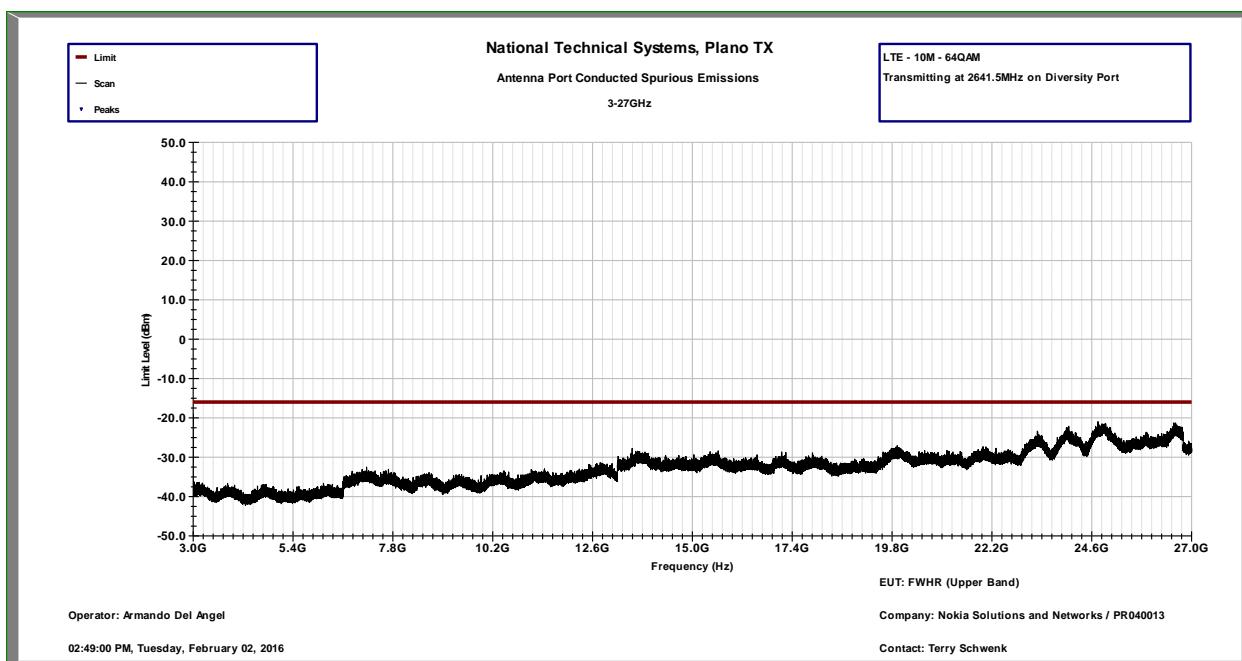
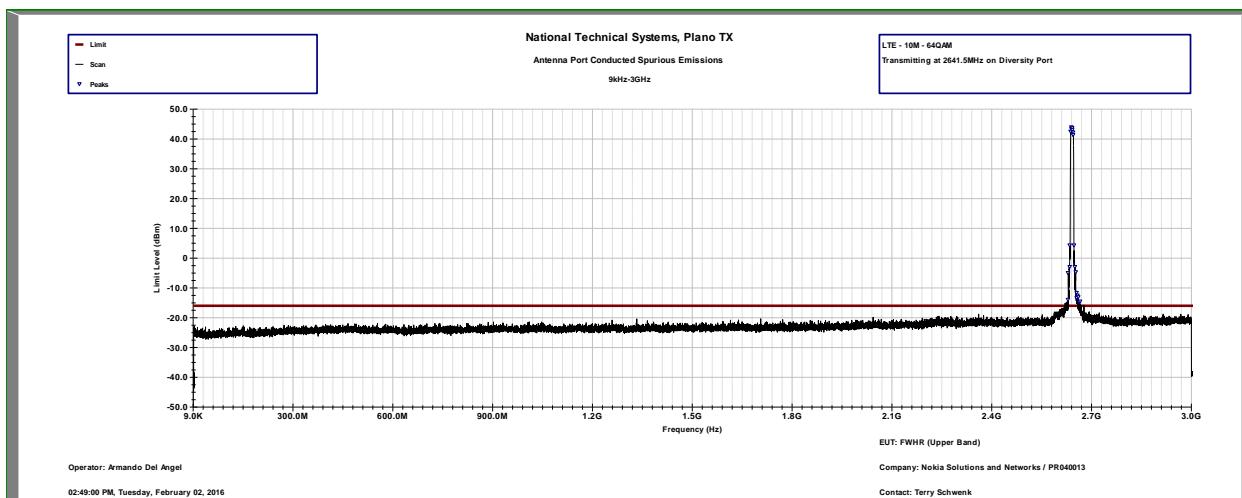
10M – LTE – QPSK – Center Channel Upper Band (2541.5MHz)



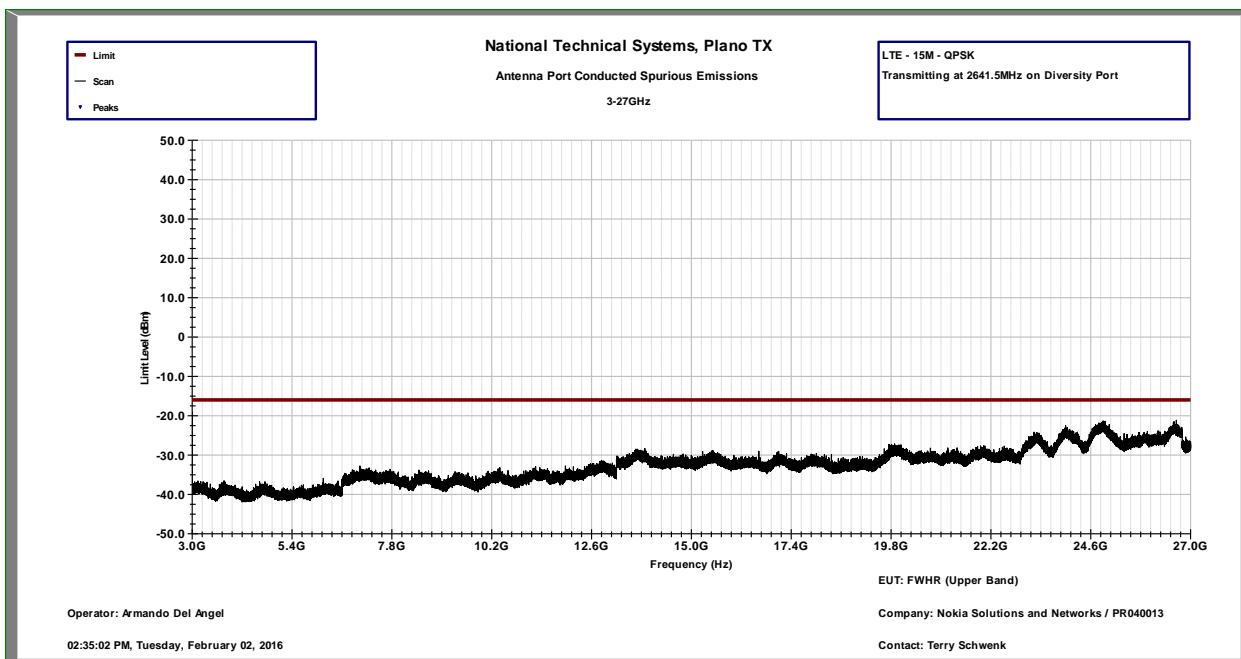
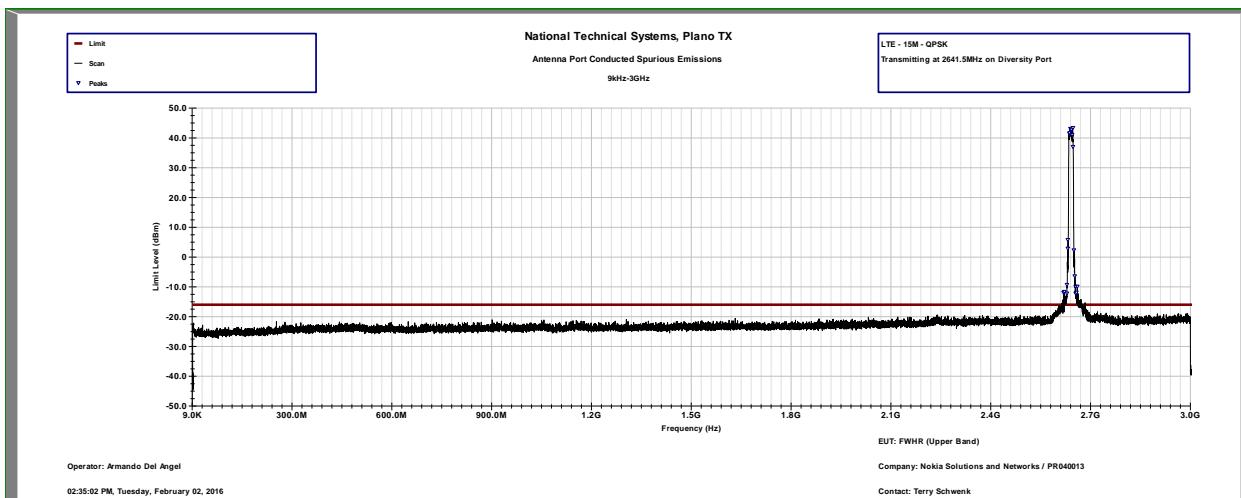
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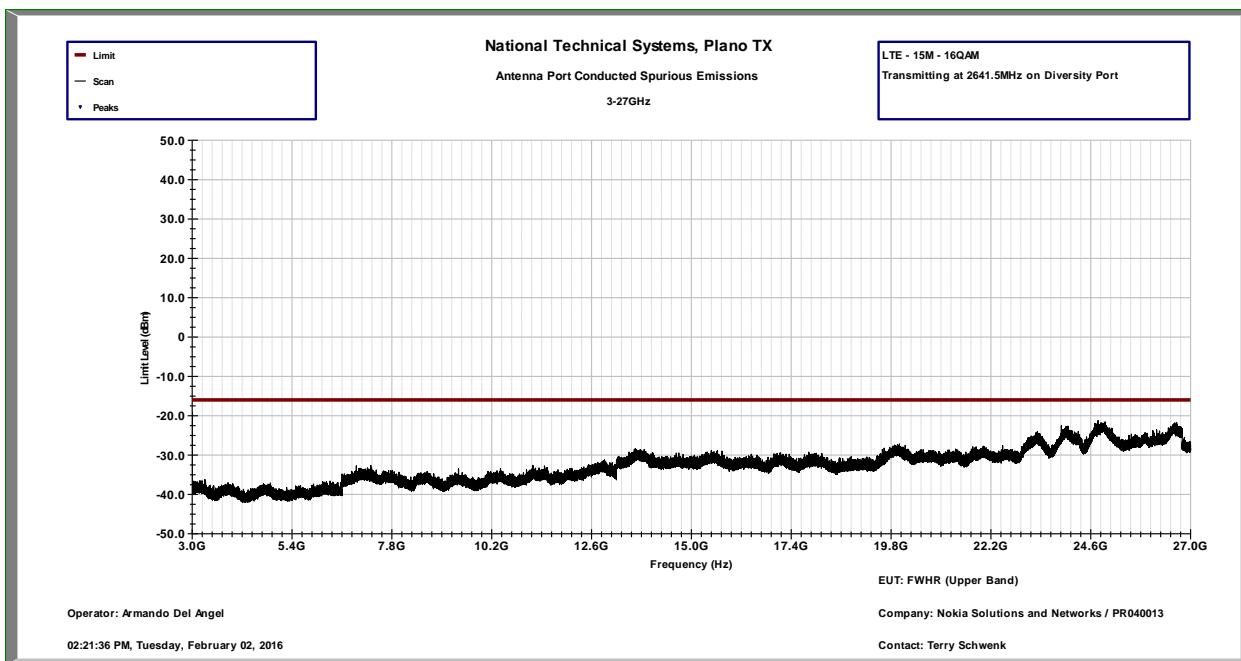
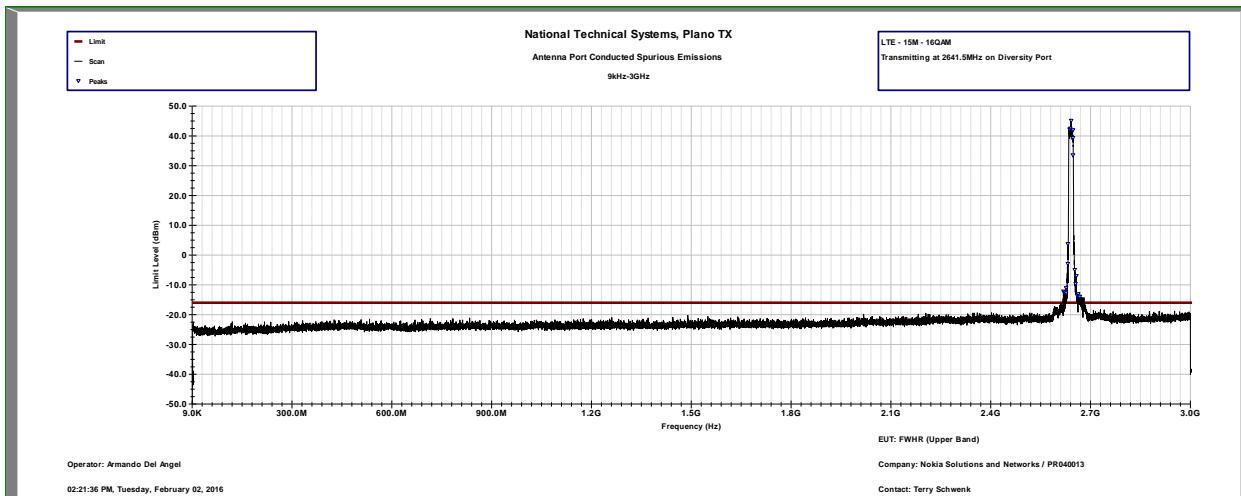
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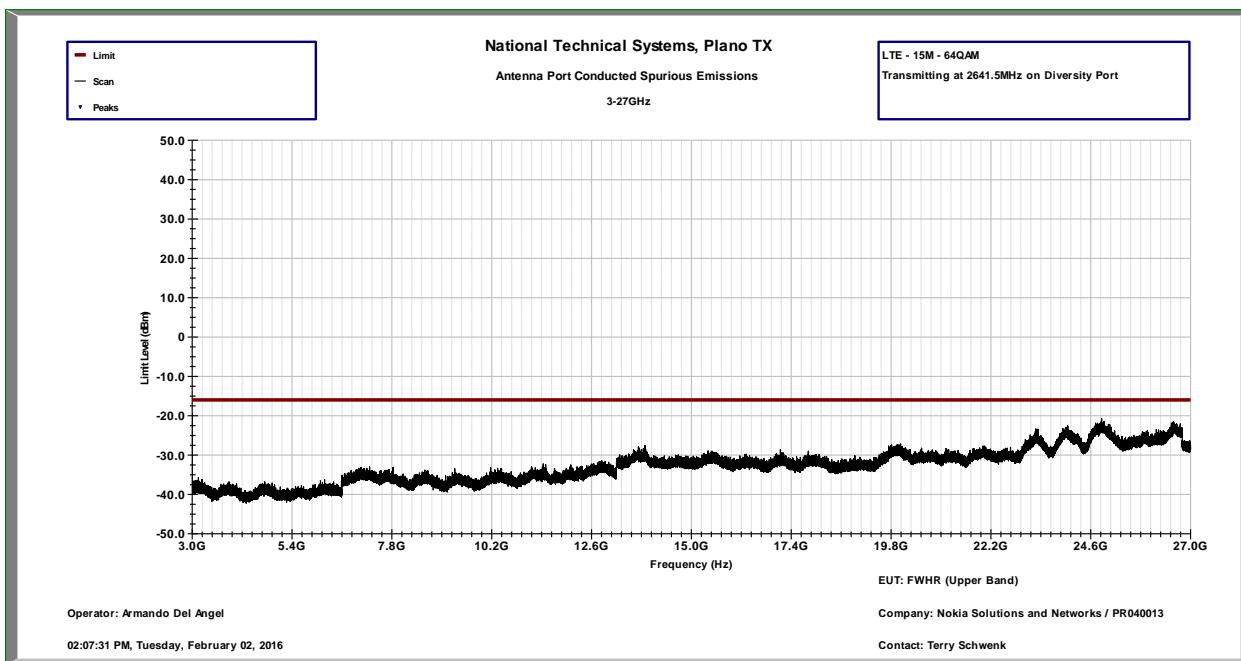
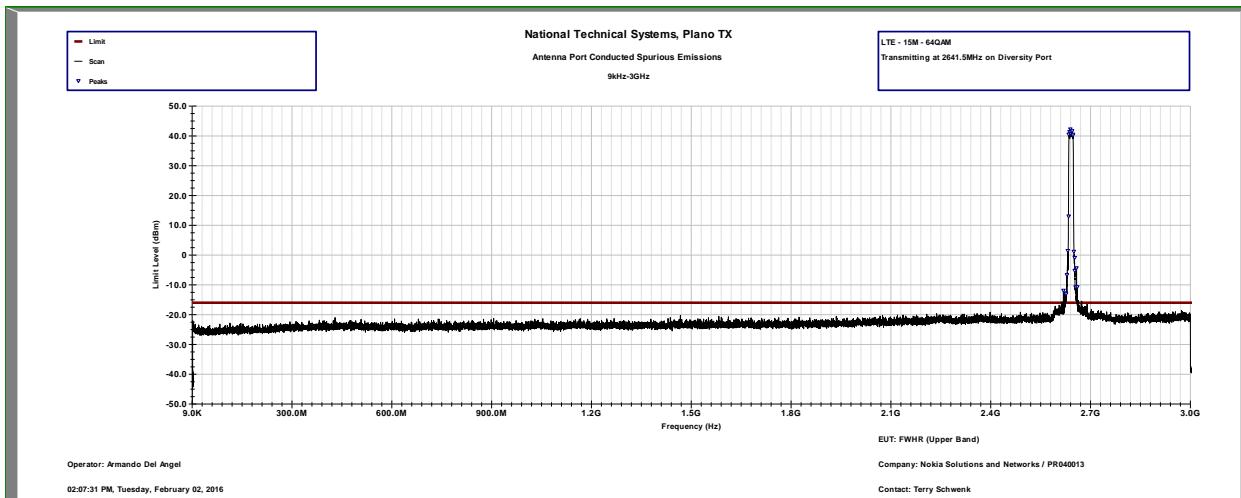
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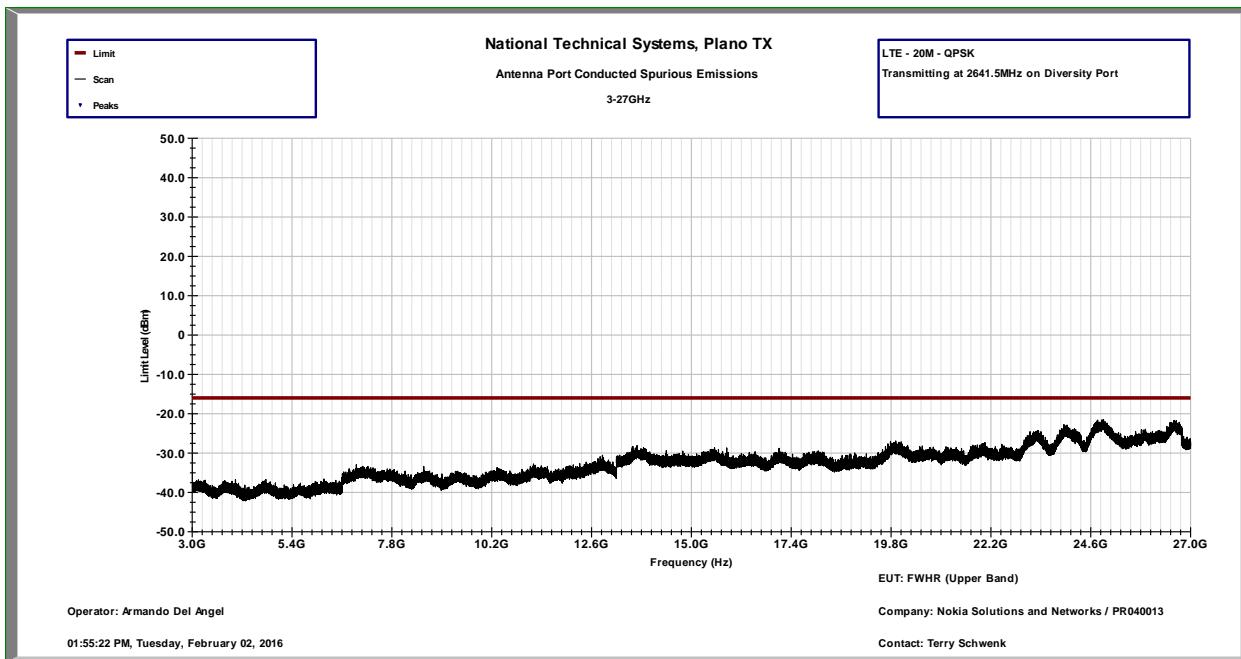
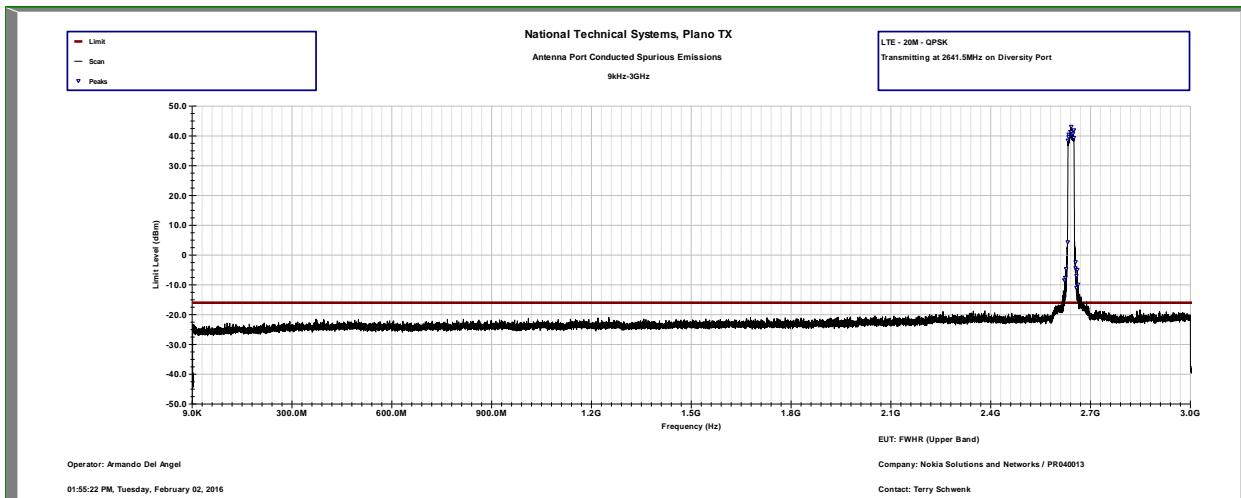
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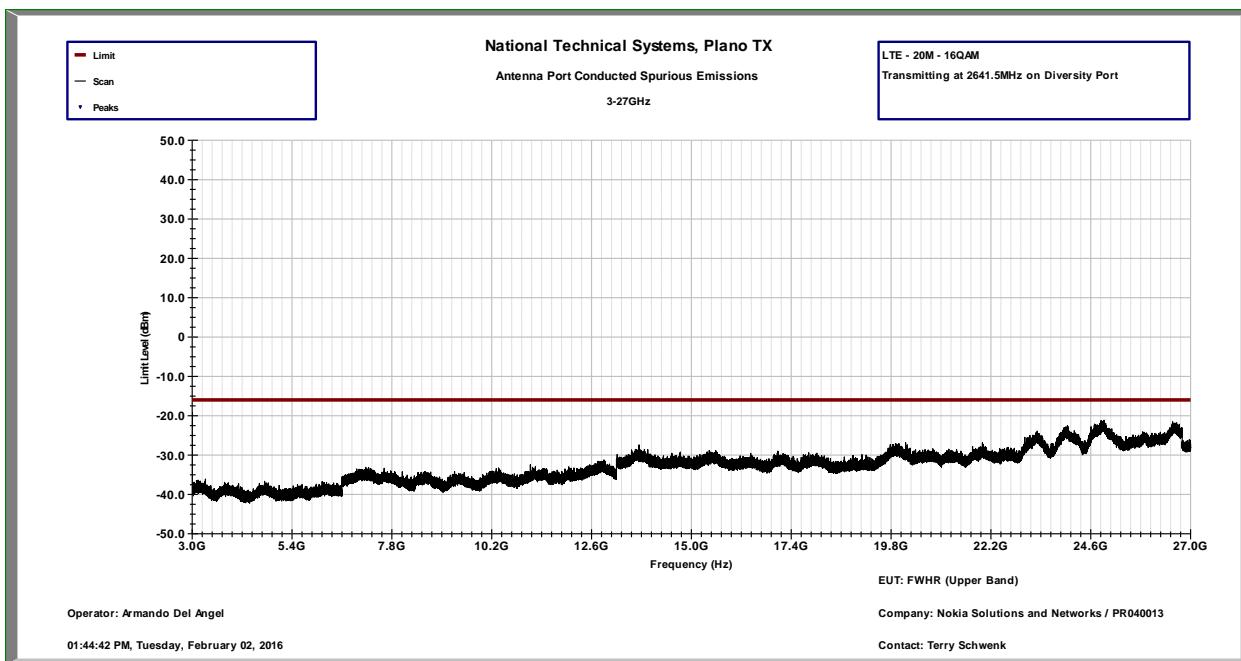
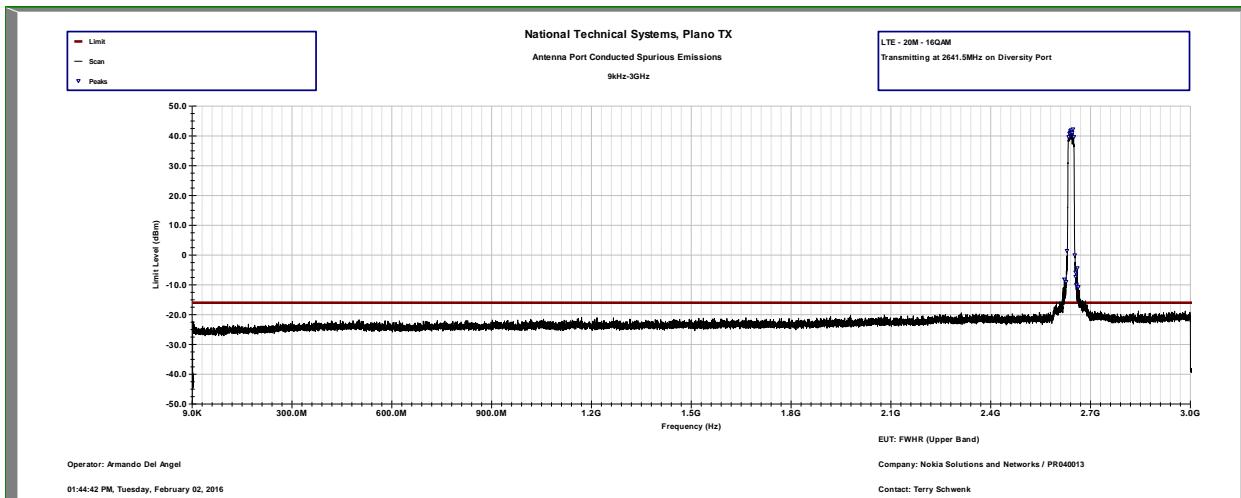
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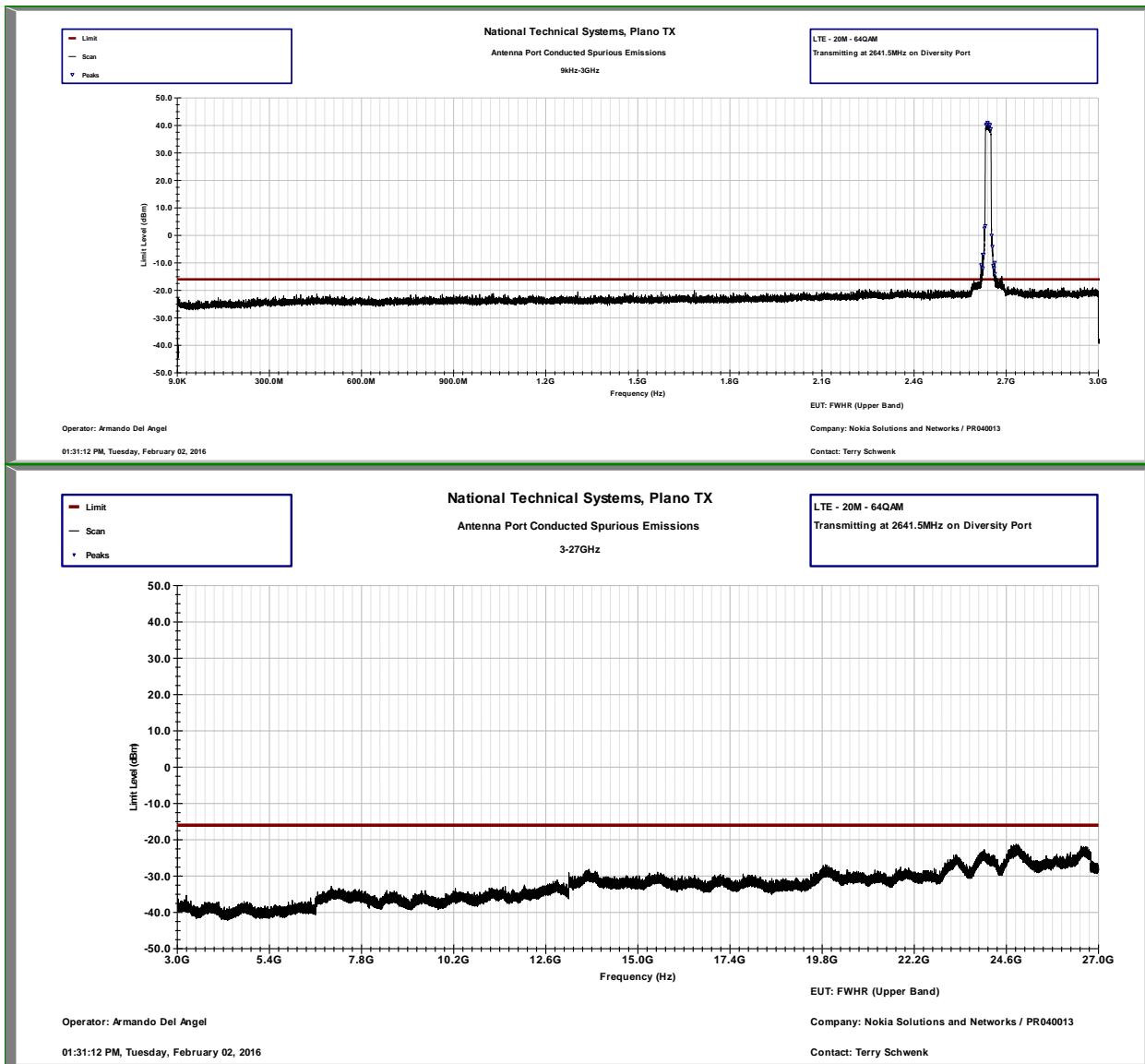
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20M – LTE – 16QAM – Center Channel Upper Band (2541.5MHz)



20M – LTE – 64QAM – Center Channel Upper Band (2541.5MHz)



End of Report

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