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# LTE Technology: Antenna, RF Front-Ends, and Channel Modeling

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\*OUFSOBUJPOBM +PVSOBM P

FYBNQMF BOUFOOBOEENQMF S E J W J E F S T H S F B U M Z  
SFEVDFT UIFTJ[FBOE NFB O X I J M F F O I B O D F T U I F Q F S G P S N B O D F P G  
U I F X I P M F J T Z T U F N D J T H F U U J O H N P S F B O E N P S F Q P Q V M B S  
O P X B E B Z T  
. P S F P W F S U I J T D P M M F D U J P O J O D M V E F T U X P Q B Q F S T P O D I B O O F M  
N P E F M J O H B O E J O U F S G F S F O D F F M J N J O B U J P O U F D I O J R V F T G P S - 5 &  
D P N N V O J D B U Q B Q F S C Z + ' . P O T F S S B U F U B M Q S F T F O U T  
B N B Q C B T F E S F B M J T U J D D I B O O F M N P E F M G P S V S C B O N B D S P D F M M  
T D F O B S J P T F Y I J C F U X F F O U S S B E B S N B O E J N Q M F  
N F O U B U J P O D F N Q B O F S C Z ) ; I F O H F U B M D B S S J F T  
P V U B O J O U F S F T U J O H T U V E Z P O U I F J O U F S G F S F O D F Q S P C M F N P G U I F  
- 5 & T Z T U F N V O E F S S B E B S J O U F S G F S F O D F D J S D V N T U B O D F  
B Q Q M Z U I F Q S J O D J Q M F P G D P H O J U J W F S B E J P U P T U V E Z U I F J O U F S G F S F  
C F U X F F O U I F S B E B S B O E - 5 & T Z T U F N B O E T V C T F R V F O U M Z Q S P Q P T F  
B T D I F N F U P H F U S J E P G U I F S B E B S J O U F S G F S F O D F

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e F E J U P S T X P V M E M J L F U P U I B O L B M M U I F B V U I P S T B O E U I F  
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J T T V F

2 J O H G F O H ; I B O H  
4 B J 8 B J 8 P O H  
\$ I F O H + J O  
9 J V : J O ; I B O H  
: J G B O \$ I F O  
% J N J U S J P T 4 P V O B T  
/ J N B \$ I B N B O B S B

