

Outline	FutureWorks
Future of spectrum LSA business enablers LSA technology enablers	
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9/23/2016



























1	eNB HD	Configuration used in testing	Test case	
MRBTS	1	CM only and System Level PET		
LNBTS	1	Objects in one eNB 5432	Configuration plan file download	< 1 min
LNCEL	12	Cells in one eNB 12	for a single eNB	
LNADJ	128	OMSes 4	Emergency plan download with	< 3 min
LNADJL	1536	eNBs below one OMS 1 000	automatic activation operation for the whole network with small amount of online modifiable	5 11111
LNREL	1440	Total eNBs 4 000		
LNADJW	256	Total cells 48 000		
LNADJG	256	Total objects 21.7 million		
LNRELW	960	Adjacency objects per eNB and	harring case ISA	
LNRELG	480	data amounts in typical configuration	burning cusc, Lonj.	









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Licensed Shared Access to spectrum Traffic grows faster than new traditional exclusive spectrum is coming available SA allows for sharing while meeting the requirements of mobile operators and incumbents for predictable conditions of spectrum use and QoS. LSA opens bands otherwise locked for long time for harmonized MBB use like the 2.3 GHz and 3.5 GHz bands supported in commercial radios today. LSA is a simple concept which can be implemented today with evolution path towards dynamic use cases like spectrum pooling and the US 3 tier CBRS concept. The LSA pilot has proven above aspects testified by all stakeholders including regulator, incumbent, mobile operator and supplying industry. LSA lowers entry barrier and paves way to new business model designs SG will only be possible with intelligent spectrum sharing.

