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## **RADIO & TELECOMMUNICATIONS TERMINAL EQUIPMENT DIRECTIVE 1999/5/EC NOTIFIED BODY OPINION**

**TECHNICAL CONSTRUCTION FILE**

IDENTITY No: JN5168-RD6040-IoT-Gateway

REVISION STATUS: October 4<sup>th</sup> 2013, issue 1.0

APPLICANT: NXP Laboratories UK Ltd  
Furnival Street  
Sheffield  
S1 4QT  
United Kingdom

MANUFACTURER: NXP Laboratories UK Ltd  
Furnival Street  
Sheffield  
S1 4QT  
United Kingdom

EQUIPMENT IDENTIFICATION: JN5168-RD6040-IoT Gateway

INTENDED USE/PURPOSE: IEEE802.15.4 Ethernet Bridge

**NORTH WEST**

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FREQUENCY BAND(S):	2.400GHz-2.483.5GHz
TYPE OF MODULATION:	DSSS - OQPSK
CHANNEL SPACING:	Not Applicable
ITU EMISSION DESIGNATION:	2M00M1D
TRANSMIT POWER / POWER RANGE:	Less than 100mW EIRP, Typically 1.9mW
DUTY CYCLE:	<1%
CHANNEL ACCESS PROTOCOL:	Not Applicable
TYPE OF ANTENNA:	External SLA-100020108 2dBi RP SMA
DUPLEX DIRECTION:	Duplex
REFERENCE STANDARDS:	Radio: ETSI EN 300 328 v1.8.1 (2012-04) EMC: ETSI EN 301 489-17 V2.1.1 (2009-05) ETSI EN 301 489-1 V1.9.2 (2011-09) Safety: EN 60950-1:2006 +A11:2009 +A1:2010
CONFORMITY ASSESSMENT PROCEDURE:	Annex IV Technical Construction File

The Technical Construction File to which this document relates has been assessed and in the opinion of the undersigned Notified Body is found to conform to article 3 (Excluding SAR) the essential requirements of Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

NOTIFIED BODY:

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NOTIFIED BODY NUMBER:

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