

DECLARATION OF BUILD STATUS

Equipment Description

Equipment Description	
Technical Description: (A brief description of the intended use of the equipment including the technologies the product supports)	Antenna integrated radio unit AIR 3268 B48,CBRS, LTE, 32 RX/32TX
Manufacturer:	Ericsson AB
Model:	AIR 3268 B48
Part Number:	KRD 901 254/11
Hardware Version:	R1B
Software Version:	CXP2030039/7 Rev R35A89
FCC ID of the product under test	TA8AKRD901254

Intentional Radiators

Intentional Radiators		
Frequency Range (MHz to MHz) LTE	TX (DL): 3550-3700MHz RX (UL): 3550-3700MHz	BW: 100 MHz BW: 100MHz
Conducted Declared Output Power (dBm)	30,4	
RAT SC carrier Power (Max):	10MHz	PWR/Carrier(Max) 47 dBm
Radio Configuration:	32RX / 32TX	
Duplex mode:	TDD	
Radio Access Technology, RAT(s):	LTE	
Supported Bandwidth(s) (MHz):	10MHz, 20MHz	
Antenna Gain (dBi)	11 (Gain, Layer compensated), 23 (Effective gain)	
Antenna Impedance(Ω)	50 // Integrated antenna //	
Supported modulation scheme, LTE:	QPSK, 16QAM, 64QAM, 256QAM	
RF power Tolerance:	+0.5/-1.5 dB	
Frequency Tolerance:	± 0.05 ppm	
Carrier Aggregation, CA	Supported	
Maximum supported number of DL LTE carrier per port	6	
Nominal output power per Antenna Port /Multi RAT - Multi carrier	34W	
Supported transmission modes:	16 Layer MIMO	

Un-intentional Radiators

Unintentional Radiators	
Highest frequency generated or used in the device or on which the device operates or tunes	CPRI 25,78GHz
Lowest frequency generated or used in the device or on which the device operates or tunes if <30MHz	-
Class A Digital Device (Use in commercial, industrial or business environment)	-
Class B Digital Device (Use in residential environment)	Class B

DC Power Source

DC Power Supply (Delete if Not Applicable)	
Nominal voltage:	-48V
Extreme upper voltage:	-36.0V
Extreme lower voltage:	-58.5V
Max current:	15A at -36VDC

Temperature

Temperature	
Minimum temperature:	-40°C
Maximum temperature:	55°C

Ancillaries (if applicable)

Ancillaries (if applicable)			
Manufacturer: Ericsson	SFP	Part Number: SEP6300LH-E1-W	-
Model: RDH 102 73 R1A SFP28 25GBASE-LR I-Temp	-	Country of Origin: China	-

Number of carriers mode

	LTE single mode	Supported Carrier Configurations /RAT:
	Max Carriers	6 Carriers
	6 carriers	10MHz

I hereby declare that the information supplied is correct and complete.

Signature: **Lars Wallin**

Date: 24 November 2022

Position held: Line Manager Regulatory Approval, Ericsson AB