

**DECLARATION OF BUILD STATUS**Equipment Description

<b>Equipment Description</b>	
Technical Description: (Please provide a brief description of the intended use of the equipment including the technologies the product supports)	Multi-standard remote radio unit Radio 2203 B2 B25, 2RX/ 2TX
Manufacturer:	Ericsson AB
Model:	Radio 2203 B2 B25
Part Number:	KRC 161 489/1
Hardware Version:	R1G
Software Version:	CXP9013268/9-R84JD
FCC ID of the product under test	TA8AKRC161489-1
IC ID of the product under test	287AB-AS1614891

Intentional Radiators

<b>Intentional Radiators</b>		
Frequency Range (MHz to MHz) B2: LTE, NR, WCDMA	TX (DL): 1930 - 1990 MHz RX (UL): 1850 - 1910 MHz	RF BW/IBW:45MHz RF BW/IBW: 50MHz
Frequency Range (MHz to MHz) B25: LTE, NR	TX (DL): 1930 - 1995 MHz RX (UL): 1850 - 1915 MHz	RF BW/IBW :45MHz RF BW/IBW :50MHz
Conducted Declared Output Power (dBm)	37.0 Max output power per port 5W	
Rat SC carrier Power (Max): LTE, NR	5MHz	5 W
	10MHz	5 W
	15MHz	5W
	20MHz	5W
Rat SC carrier Power (Max): WCDMA	5MHz	5W
Radio Configuration:	2 RX / 2TX	
Duplex mode:	FDD	
Radio Access Technology, RAT(s):	Single RAT :WCDMA, LTE, NR, NB-IoT (IB, GB) Multi RAT : WCDMA,+LTE ; WCDMA,+ NR: LTE+ NR; LTE+ NB-IoT LTE+ NR + WCDMA; LTE+ NR + NB-IoT ; LTE+ WCDMA+ NB-IoT	
Supported Bandwidth(s) (MHz)	NR: 5MHz, 10MHz, 15MHz, 20MHz LTE: 5MHz, 10MHz, 15MHz, 20MHz WCDMA : 5 MHz	
Antenna Gain (dBi)	Maximum antenna system gain (including cable loss), GANT (dBi) for the tested configurations to comply with maximum radiated output power in SRSP -510 calculated using measured and summed PSD from all 2 Ports	
Antenna Impedance (Ω)	50	
Supported modulation scheme, LTE:	QPSK, 16QAM, 64QAM, 256QAM	
Supported modulation scheme, NR:	QPSK, 16QAM, 64QAM, 256QAM	
Supported modulation scheme, WCDMA:	QPSK, 16QAM, 64QAM	
Supported modulation scheme, NB-IoT:	QPSK	
NR SCS	15kHz	
RF power Tolerance:	+0.6/-2.0 dB	
Frequency Tolerance:	±0.1 ppm	
Carrier Aggregation, CA	Supported	
Maximum supported number of DL NR carrier per port	3/Band	
Maximum supported number of DL LTE carrier per port	3/Band	
Maximum supported number of DL WCDMA carrier per port	4/Band	
Nominal output power per Antenna Port / Band	SRO / MRO: Single / Multi Carrier: 5W (37,0 dBm)	

Supported transmission modes:	2X2 MIMO
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### Un-intentional Radiators

Unintentional Radiators	
Highest frequency generated or used in the device or on which the device operates or tunes	9.8 Gbit/s
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/ AC Power Supply (Delete if Not Applicable)	
Nominal voltage:	-48V DC/ 100-250V AC
Extreme upper voltage:	-36V DC/ 275 V AC
Extreme lower voltage:	-58.5V DC/ 85 V AC
Max current:	16A single radio /32A Dual radio

### Temperature

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

### Ancillaries (if applicable)

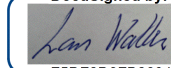
Ancillaries (if applicable)			
Manufacturer:	-	Part Number:	-
Model:	-	Country of Origin:	-

### Number of carriers mode

B2, B25		
NR single mode	LTE single mode	Supported Carrier Configurations /RAT:
Max Carriers	Max Carriers	3 Carriers / Band / Port (max) LTE, NR
3carriers	3carriers	5MHz , 10MHz (1-3), 15MHz, 20MHz (1-2)

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

DocuSigned by:



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Signature: **Lars Wallin**

Date: 05 May2022

Position held: Line Manager Regulatory Approval, Ericsson AB