

DECLARATION OF BUILD STATUSEquipment Description

Equipment Description	
Technical Description: (A brief description of the intended use of the equipment including the technologies the product supports)	Multi-standard remote radio unit Radio 4499 44B2/B25 44B66A C, 4Tx/4Rx
Manufacturer:	Ericsson AB
Model:	4499 44B2/B25 44B66A C
Part Number:	KRC 161 847/1
Hardware Version:	R2C
Software Version:	CXP 9013268/15-R89MU15
FCC ID of the product under test	TA8AKRC161847
IC ID of the product under test	287AB-AS161847

Intentional Radiators

Intentional Radiators			
Frequency Range (MHz to MHz) B2: GSM, WCDMA, LTE, NR, NB IoT SA/GB/IB	TX (DL): 1930-1990MHz RX (UL): 1850-1910MHz	BW: 60MHz BW: 60MHz	
Frequency Range (MHz to MHz) B25: WCDMA, LTE, NR, NB IoT SA/GB/IB	TX (DL): 1930-1995MHz RX (UL): 1850-1915MHz	BW: 65MHz BW: 65MHz	
Frequency Range (MHz to MHz) B66A: WCDMA, LTE, NR, NB IoT SA/GB/IB	TX (DL): 2110 - 2180MHz RX (UL): 1710 - 1780MHz	BW: 70MHz BW: 70MHz	
Conducted Declared Output Power (dBm)	47,8 Max output power per Band 49.0 Max output power per Port		
RAT SC carrier Power (Max):	BW (LTE)	BW (NR)	PWR/C
	1.4MHz (B2, B25)	x	20W
	3MHz (B2, B25)	x	20W
	5MHz (B2, B25, B66A)	5MHz (B2, B25, B66A)	40 W
	10MHz (B2, B25, B66A)	10MHz (B2, B25, B66A)	60 W
	15MHz (B2, B25, B66A)	15MHz (B2, B25, B66A)	60 W
	20MHz (B2, B25, B66A)	20MHz (B2, B25, B66A)	60 W
RAT SC carrier Power (Max): WCDMA (B2, B25, B66A)	5MHz	40W	
RAT SC carrier Power (Max): GSM (B2)	200kHz	20W	
RAT SC carrier Power (Max): NB-IoT SA (B2, B25, B66A)	200kHz	20 W	
Radio Configuration:	4RX / 4TX		
Duplex mode:	FDD		
Radio Access Technology, RAT(s) B2:	Single RAT: GSM, W, L, NB IoT SA, NR Multi RAT: G+W+NB IoT SA; G+L+NB IoT SA ; W+L+NB IoT SA; NR+L+NB IoT SA; G+L+NR; W+L+NR		
Supported Bandwidth(s) (MHz) B25:	Single RAT: W, L, NB IoT SA, NR Multi RAT: W+L+NB IoT SA; NR+L+NB IoT SA; W+L+NR		
Supported Bandwidth(s) (MHz) B66A:	Single RAT: W, L, NB IoT SA, NR Multi RAT: W+L+NB IoT SA; NR+L+NB IoT SA; W+L+NR		
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 -513 and SRSP-510 calculated using measured and summed PSD from all 4 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, GSM:	GMSK, AQPSK, 8PSK
Supported modulation scheme, NB-IoT:	QPSK
NR SCS	15kHz
RF power Tolerance:	+0.6/-2.5dB
Frequency Tolerance:	±0.05 ppm
Carrier Aggregation, CA	Supported
Maximum supported number of DL NR carrier per port	6/multi-Band
Maximum supported number of DL LTE carrier per port	6/multi-Band
Maximum supported number of DL WCDMA carrier per port	6/multi-Band
Maximum supported number of DL GSM carrier per port	4/multi-Band
Maximum supported number of DL NB-IoT carrier per port	2/multi-Band
Supported transmission modes:	4X4 MIMO

Un-intentional Radiators

Unintentional Radiators	
Highest frequency generated or used in the device or on which the device operates or tunes	10.1Gbit/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 Power Supply (Delete if Not Applicable)	
Nominal voltage: AC power supply	-48V
Extreme upper voltage:	-36.0V
Extreme lower voltage:	-58.5V
Max current:	32A

Temperature

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

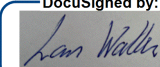
Ancillaries (if applicable)

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

Number of carriers mode

B2, B25, B66A		
NR single mode	LTE single mode	Supported Carrier Configurations /RAT:
Max Carriers	Max Carriers	6 Carriers / Band / Port (max)
6 carriers	6 carriers	5MHz (1-6), 10MHz (1-6), 15MHz (1-4), 20MHz (1-3)

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

DocuSigned by:

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Signature: **Lars Wallin**

Date: 03 November 2022

Position held: Line Manager Regulatory Approval, Ericsson AB