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)	Multi-standard remote radio unit Radio 4480 44B71 44B85A C, 4Tx/4Rx
Manufacturer:	Ericsson AB
Model:	4480 44B71 44B85A C
Part Number:	KRC 161 922/1
Hardware Version:	R1B
Software Version:	CXP 9013268/15-R92BB
FCC ID of the product under test	TA8AKRC161922
IC ID of the product under test	287AB-AS161922

Intentional Radiators

Intentional Radiators			
Frequency Range (MHz to MHz) B71: LTE, NR, NB-IoT SA, NB-IoT (IB, GB):	TX (DL): 617-652MHz RX (UL): 663-698MHz	BW: 35MHz BW: 35MHz	
Frequency Range (MHz to MHz) B85A: LTE, NR, NB-IoT SA, NB-IoT (IB, GB);	TX (DL): 728-745MHz RX (UL): 698-715MHz	BW: 17MHz BW: 17MHz	
Conducted Declared Output Power (dBm)	B85A: 46.0 Max output power per Carrier B71: 47.8 Max output power per Carrier		
RAT SC carrier Power (Max): Band 71	BW	PWR/Carrier(Max) LTE	PWR/Carrier(Max) NR
	5MHz	40W	40W
	10MHz	60 W	60 W
	15MHz	60 W	60 W
	20MHz	60 W	60 W
RAT SC carrier Power (Max): Band 85A	BW	PWR/Carrier(Max) LTE	PWR/Carrier(Max) NR
	5MHz	40W	40W
	10MHz	40 W	40 W
	15MHz	x	40 W
RAT SC carrier Power (Max) :NB-IoT SA	200kHz	20 W	
Radio Configuration:	4RX / 4TX		
Duplex mode:	FDD		
Radio Access Technology, RAT(s):	Single RAT :LTE, NR, NB-IoT (IB, GB, SA) Multi RAT : LTE+ NR; LTE+ NB-IoT SA; NR +NB-IoT SA LTE+ NR + NB-IoT SA;		
Supported Bandwidth(s) (MHz)B85A:	NR: 5MHz, 10MHz, 15MHz LTE:5MHz, 10MHz NB-IoT(SA): 200 kHz		
Supported Bandwidth(s) (MHz) B71:	NR: 5MHz, 10MHz, 15MHz, 20MHz LTE:5MHz, 10MHz, 15MHz, 20MHz NB-IoT(SA): 200 kHz		
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-518 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, NB-IoT:	QPSK		
NR SCS	15kHz		
RF power Tolerance:	+0.6/-2.0 dB		
Frequency Tolerance:	±0.05 ppm		
Carrier Aggregation, CA	Supported		
Maximum supported number of DL NR carrier per port	6/in band B71 and 5/in band 85A		

Maximum supported number of DL LTE carrier per port	6/in band B71 and 5/in band 85A
Maximum supported number of DL NB-IoT carrier per port	2/Band
Nominal output power per Antenna Port /Multi RAT - Multi carrier	Without optional Fan: 80W With optional Fan: 100W
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:	38A

Temperature

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

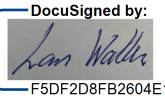
Ancillaries (if applicable)

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

Number of carriers mode

B71, B85A		
NR single mode	LTE single mode	Supported Carrier Configurations /RAT:
Max Cariers	Max Carriers	6 Carriers / Band / Port (max)
6 carriers	6 carriers	5MHz (1-6), 10MHz (1-3), 15MHz (1-2), 20MHz (1)

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

DocuSigned by:

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Signature: **Lars Wallin**

Date: 02 November 2022

Position held: Line Manager Regulatory Approval, Ericsson AB