DECLARATION OF BUILD STATUS

Equipment Description

Equipment Description	
Technical Description: (Provide a brief description of the intended use of the equipment including the technologies the product supports)	Multi-standard remote radio unit Radio 4449 B71 B85A, 4RX/ 4TX
Manufacturer:	Ericsson AB
Model:	Radio 4449 B71 B85A
Part Number:	KRC 161 756/1
Hardware Version:	R1C
Software Version:	CXP9013268/15-R92BB
FCC ID of the product under test	TA8AKRC161756-1
IC ID of the product under test	287AB-AS1617561

Intentional Radiators

Intentional Radiators		
Frequency Range (MHz to MHz) B71: LTE, NR, 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)	46.0 Max output power per Carrier 49.0 Max output power per port	
RAT SC carrier Power (Max): NR, LTE	BW	PWR/Carrier(Max)
	5MHz	40 W
	10MHz	40 W
	15MHz	40 W
	20MHz	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): 200kHz	
Supported Bandwidth(s) (MHz) B71:	NR: 5MHz, 10MHz, 15MHz, 20MHz LTE:5MHz, 10MHz, 15MHz, 20MHz	
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/multi-Band	
Maximum supported number of DL LTE carrier per port	6/multi-Band	

Maximum supported number of DL NB-IoT carrier per port	2/multi-Band
Nominal output power per Antenna Port / Band	Multi Carrier: 80W (49,0 dBm)
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:	-38.0V
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

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:
F5DF2D8FB2604E1...

Signature: **Lars Wallin**

Date: 20 October 2022

Position held: Line Manager Regulatory Approval, Ericsson AB