

**S8000 BTS Technical specification  
for  
GRANT OF EQUIPMENT AUTHORIZATION**

<b>FCC IDENTIFIER:</b>	<b>YDAS8000BTS</b>
Name of Grantee	KAPSCH CarrierComm France SAS
Equipment Class:	PCS Licensed Transmitter
Notes:	Base Transceiver Station

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	869.2 - 893.8	42.66	45.0 Hz	300KGXW
	22H	869.2 - 893.8	38.9	45.0 Hz	300KG7W
	24E	1930.2 - 1989.8	45.71	90.0 Hz	300KGXW
	24E	1930.2 - 1989.8	38.02	90.0 Hz	300KG7W

The equipment can be configured in the PCS1900 and GSM850 bandwidth, respectively with the following power amplifiers: HePA PCS1900 (Hardware Code NTQA50RA), PA PCS1900 (Hardware Code: NTQA50DB, NTQA50GA), HePA GSM850 (Hardware Code NTQA50UA), PA GSM850 (Hardware code NTQA37AA) and with coupling devices Diplexer, Hybrid H2D Diplexer, Hybrid H4D Diplexer in both GMSK and 8PSK modulation techniques.

To comply with the FCC spurious emissions requirements, all configurations must be configured with the following restrictions.

FCC Rule Part 22 Subpart H : The maximum output power in a channel adjacent to any frequency block edge must be reduced as specified in the filing. The power reduction values are required for edge channels [ARFCN 128, 131, 133, 181, 183, 231, 233, 251] for the following configurations : Configurations in GMSK Modulation: HePA module (Hardware Code NTQA50UA), 6dB power reduction [Diplexer configuration], 2dB power reduction [Hybrid H2D diplexer configuration]. PA module (Hardware Code NTQA37AA) 2dB power reduction [Diplexer configuration]. Configurations in 8PSK Modulation: HePA module (Hardware Code NTQA50UA) 4dB power reduction [Diplexer configuration]. PA module (Hardware Code NTQA37AA) 2dB power reduction [Diplexer configuration].

FCC Rule Part 24 Subpart E. The maximum output power in a channel adjacent to any frequency block edge must be reduced as specified in the filing. The power reduction values for the configurations are: Configurations in GMSK Modulation: HePA module (Hardware Code NTQA50RA), 6dB power reduction [Diplexer configuration], 2dB power reduction [Hybrid H2D diplexer configuration]. PA module (Hardware Code NTQA50DB, NTQA50GA) 4dB power reduction [Diplexer configuration]. Configurations in 8PSK Modulation: HePA module (Hardware Code NTQA50RA) 2dB power reduction [Diplexer configuration].

RF exposure compliance is addressed at the time of licensing, as required by the responsible FCC Bureau(s), including antenna co-location requirements of §1.1307(b)(3).

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