

GSM 18000 Outdoor BTS GRANT Comments

FCC IDENTIFIER:	YDABTS18OUTHP
Name of Grantee	KAPSCH CarrierCom France SAS
Equipment Class:	PCS Licensed Transmitter
Notes:	GSM 18000 Outdoor Base Transceiver Station

Previous Filing FCC Identifier (Grant date)	AB6BTS18OUTHP (08/01/2008)
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Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	22H	869.2 - 893.8	53.7	45.0 Hz	300KGXW
	22H	869.2 - 893.8	43.65	45.0 Hz	300KG7W
	24E	1930.2 - 1989.8	38.9	90.0 Hz	300KGXW
	24E	1930.2 - 1989.8	26.3	90.0 Hz	300KG7W

Powers listed are conducted.

The equipment can be configured in the PCS1900 and GSM850 bands, respectively with the following radio modules: RM 30W PCS1900 (Hardware Code NTN050PM), RM2 30W PCS1900 (Hardware Code NTN050CP), RM2 50W PCS1900 (Hardware Code NTN050PP), HPRM 60W GSM850 (Hardware Code NTN050JA), and with following coupling devices: Dual Diplexer Module (DDM), Hybrid H2 DDM, TxFilter (TxF), H2 TxF , 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 GSM850 configurations: • Configurations in GMSK Modulation: 6dB power reduction [DDM & TxF configuration], 2dB power reduction [H2 DDM & H2 TxF configuration]. • Configurations in 8PSK Modulation: 4dB power reduction [DDM & TxF 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 following PCS1900 RM (30W) configurations are: • Configurations in GMSK Modulation: 2dB power reduction [DDM & TxF configuration] • Configurations in 8PSK Modulation: 2dB power reduction [DDM & TxF configuration]

The power reduction values for the following PCS1900 RM2 (30W) configurations are: • Configurations in GMSK Modulation: 4dB power reduction [DDM & TxF configuration], 2dB power reduction [H2 DDM & H2 TxF configuration] • Configurations in 8PSK Modulation: 2dB power reduction [DDM & TxF configuration].

The power reduction values for the following PCS1900 RM2 (50W) configurations are: • Configurations in GMSK Modulation: 6dB power reduction [DDM & TxF configuration], 4dB power reduction [H2 DDM & H2 TxF configuration] • Configurations in 8PSK Modulation: 4dB power reduction [DDM & TxF 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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