

RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET – 1.9 GHZ

Spectrum block size (transmit + receive MHz)	Number of Available Blocks	Maximum Blocks Available per Applicant (and affiliates)	One-time fee per block upon licensing by Region (US \$ or Pak. Rs.)		Annual renewal fee per block by Region (US \$ or Pak. Rs.)		Roll-out Commitment in Region	Roll-out Commitment compliance
5 + 5 1.25x3 + 1.25x3 (1890-1895; 1970-1975 MHz)*	1	1	Area 1	US \$ 250,000 or Pak Rs. 14,500,000	Area 1	US \$ 75,000 or Pak Rs. 4,350,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US \$ 75,000 or Pak Rs. 4,350,000	Area 2	US \$ 25,000 or Pak Rs. 1,450,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area 2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR, NTR-1, NTR-2, CTR

* The assignee of abovementioned spectrum block may be required to shift the frequencies within the CDMA 1900 MHz range. Moreover 1880-1885/1960-1965 shall be available if not used for CMTS.

Note: Spectrum blocks being vacated in future will be available for bidding from time to time. Auction may be conducted in per block or per carrier basis (as the case may be). Applicants should contact the Frequency Allocation Board for additional technical information. The Board is guided to the extent practical, by applicable ITU standards.

RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET – 3.43.6 GHZ

Spectrum block size (transmit + receive MHz)	Number of Available Blocks	Maximum Blocks Available per Applicant (and affiliates)	One-time fee per block upon licensing by Region (US \$ or Pak. Rs.)		Annual renewal fee per block by Region (US \$ or Pak. Rs.)		Roll-out Commitment in Region	Roll-out Commitment compliance
(10.5 + 10.5), 3.5x21 + 3.5x21 (blocks located within 3410-3497.5;3510-3597.5)	7	1	Area 1	US \$ 25,000 or Pak Rs. 1,450,000	Area 1	US \$ 25,000 or Pak Rs. 1,450,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US \$ 10,000 or Pak Rs. 580,000	Area 2	US \$ 10,000 or Pak Rs. 580,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area 2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR, NTR-1, NTR-2, CTR

Note: Applicants should contact the Frequency Allocation Board for additional technical information. Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.

RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET – 450 MHz

Spectrum block size (transmit + receive MHz)	Number of Available Blocks	Maximum Blocks Available per Applicant (and affiliates)	One-time fee per block upon licensing by Region (US \$ or Pak. Rs.)		Annual renewal fee per block by Region (US \$ or Pak. Rs.)		Roll-out Commitment in Region	Roll-out Commitment compliance
5 + 5; 1.25x3 + 1.25x3 ; (452.5 – 457.475; 462.5 – 467.475)	1	1	Area 1	US \$ 75,000 or Pak Rs. 4,350,000	Area 1	US \$ 50,000 or Pak Rs. 2,900,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US \$ 37,500 or Pak Rs. 2,175,000	Area 2	US \$ 25,000 or Pak Rs. 1,450,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area 2: FTR, HTR, GTR, RTR, NTR-1

Area 3: WTR, STR-1, STR-5, MTR, NTR-2, CTR

Note: PTCL has been allocated 1.25 MHz in Area 3. Rest of the 3.75 MHz (including guard band) is available for new LL operators in Area 3. Above referred licence fee for Area 2 will apply. PTCL is eligible to bid for additional spectrum in Area 3. only two CDMA carriers available in Area 3.

Note: Applicants should contact the Frequency Allocation Board for additional technical information. Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.

RADIO FREQUENCY SPECTRUM BAND INFORMATION SHEET – 479 MHz

Spectrum block size (transmit + receive MHz)	Number of Available Blocks	Maximum Blocks Available per Applicant (and affiliates)	One-time fee per block upon licensing by Region (US \$ or Pak. Rs.)		Annual renewal fee per block by Region (US \$ or Pak. Rs.)		Roll-out Commitment in Region	Roll-out Commitment compliance
5 + 5 ; 1.24x3 + 1.24x3 (479.0-483.48; 489.0-493.48 MHz)	1	1	Area 1	US \$ 75,000 or Pak Rs. 4,350,000	Area 1	US \$ 50,000 or Pak Rs. 2,900,000	(1) at least one base station that is in on-going operational use as part of Licensee's network, and (2) the one or more base stations are used to provide basic public telephone access service to at least 5 customers	(1) Initially, by 18 months from Effective Date, and (2) on an ongoing basis thereafter
			Area 2	US \$ 22,500 or Pak Rs. 1,305,000	Area 2	US \$ 15,000 or Pak Rs. 870,000		

Telecom Regions: Area 1: Karachi, Lahore, Islamabad

Area 2: FTR, HTR, GTR, RTR, WTR, STR-1, STR-5, MTR, NTR-1, NTR-2, CTR

Note: Applicants should contact the Frequency Allocation Board for additional technical information. Auction may be conducted in per block or per carrier basis (as the case may be). The Board is guided to the extent practical, by applicable ITU standards.