APPENDIX M

Public Safety 700 MHz Band – Segmentation and Channelization Table
Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, e.g., "1-2" and "1-3".

Three may be combined provided that the lower channel number is 1 + 3n, n = 0 to 79 (e.g., 1, 4,…238)

Two may be combined provided that the lower channel number is 1 + 3n or 2 + 3n, n = 0 to 79 (e.g., 1, 2, 4, 5,…238, 239)

WIDEBAND CHANNELS:
Narrowband channels must maintain a data throughput efficiency of not less than 4.8 kbps for each 6.25 kHz of bandwidth.

Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)

Four may be combined provided that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5,…1917)

NARROWBAND CHANNELS:
Four may be combined provided that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5,…1917)

WIDEBAND CHANNELS:
Three may be combined provided that the lower channel number is 1 + 3n, n = 0 to 79 (e.g., 1, 4,…238)

Wideband channels must maintain a data throughput efficiency of not less than 384 kbps for each 150 kHz of bandwidth.

Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, e.g., "1-2" and "1-3".
700 MHz BAND PLAN per Fourth MO&O in WT Dkt. 96-86 (TV Chs. 68/69)

480 NARROWBAND MOBILE CHANNELS - SEGMENT 3 (6.25 kHz each, aggregate to 25 kHz)

120 WIDEBAND MOBILE CHANNELS - SEGMENT 2 (50 kHz each, aggregate to 150 kHz)

480 NARROWBAND MOBILE CHANNELS - SEGMENT 4 (6.25 kHz each, aggregate to 25 kHz)

NARROWBAND CHANNELS:
Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)
Four may be combined provided that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5,...1917)
Narrowband channels must maintain a data throughput efficiency of not less than 4.8 kbps for each 6.25 kHz of bandwidth.

WIDEBAND CHANNELS:
Two may be combined provided that the lower channel number is 1 + 3n or 2 + 3n, n = 0 to 79 (e.g., 1, 2, 4, 5,...238, 239)
Three may be combined provided that the lower channel number is 1 + 3n, n = 0 to 79 (e.g., 1, 4,...238)
Wideband channels must maintain a data throughput efficiency of not less than 384 kbps for each 150 kHz of bandwidth.

Channel numbers for combined channels are designated by the lowest and highest channel numbers separated by a hyphen, e.g., "1-2" and 1-3."