

**COMPATIBLE FREQUENCY ARRANGEMENTS FOR TERRESTRIAL MOBILE SYSTEMS
IN THE BANDS 1 710 – 2 025 MHZ AND 2 110 – 2 200 MHZ**

The XX Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

a) That the bands 1 710 – 2 025 MHz and 2 110 – 2 200 MHz have been identified for International Mobile Telecommunications (IMT) in the International Telecommunication Union (ITU) Radio Regulations as follows:

Band (MHz)	Footnotes identifying the band for IMT
1 710-2 025	5.384A, 5.388
2 110-2 200	5.388

b) That Recommendation PCC.II/REC. 8 (IV-04) “Frequency arrangements for IMT-2000 in the bands 806 to 960 MHz, 1 710 to 2 025 MHz, 2 110 to 2 200 MHz and 2 500 to 2 690 MHz” provides 4 frequency arrangements for the bands 1 710 – 2 025 MHz and 2 110 – 2 200 MHz, labelled #2, #3, #4 and #5;

c) That IMT, including IMT-2000 and IMT-Advanced, represents an opportunity for a major improvement in mobile or portable communication services for individuals or businesses which would be integrated into a variety of competing networks;

d) That spectrum arrangements should be defined which are technology neutral, i.e., any technologies, including IMT, can be used in the bands;

e) That the bands identified for IMT should be considered on a global basis as a set, to achieve a comprehensive, global solution that will ensure that there is an approach that meets all requirements and that a significant level of interoperability is achieved;

f) That not only the harmonization work in ITU but also the harmonization work in CEPT and APT need to be taken into consideration in defining frequency arrangements;

g) That Administrations should harmonize frequency arrangements to the greatest extent possible to facilitate worldwide compatibility, global roaming and create economies of scale; and

h) That common frequency bands and duplex separation are desirable to enable economies of scale in the implementation of mobile broadband networks,

¹ CCP.II-RADIO/doc.3131/12 cor.1

RECOMMENDS:

That to encourage the harmonization of deployments worldwide and maximize the use of the available frequency spectrum, two options for compatible frequency arrangements for terrestrial mobile systems in the bands 1 710 – 2 025 MHz and 2 110 – 2 200 MHz are recommended:

- 1) CITEL #2 + CITEL #3.
- 2) CITEL #4 + CITEL #5.

