



National Radio Frequency Plan

Oral Hearings 9 February 2017



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The Government's strategic objective should be to prioritise the development of an environment that supports the efficient and effective utilisation of the radio frequency spectrum in the Republic for socio-economic development.

Radio-frequency spectrum plays a fundamental role in electronic communications networks and services and is regarded as a strategic national asset.

If continued investment is to be encouraged and reasonable levels of quality and affordability maintained, more spectrum needs to be assigned and the effective usage is required.

MTN has taken note and appreciates the inclusion of the ITU footnotes as part of the Plan.

This inclusion has assisted in clarification of allocations within the region

MTN submits that the proposed National Radio Frequency Plan should contain a migration plan

470-694 MHz

5.296, the frequency band 470-694 MHz allocated in South Africa to land –mobile on a secondary service.

MTN requests that the Authority ensures that this is reflected as such in Column 2 South African allocations and footnotes.

790 – 862 MHz

The allocation of radio frequency band 862 – 890 MHz reflects fixed, mobile and broadcasting, all of which are allocated on a primary basis, however for the band 790 – 862 MHz the allocation for broadcasting is not reflected.

L-Band

South Africa has included 1427-1518MHz as an IMT band, which corresponds to a 3GPP supplementary downlink band called Band 32. The WRC-15 resolution called for member countries to allocate 1452-1492MHz for this band (which directly correlates with the 3GPP definition for Band 32).

3300 - 3 400 MHz

5.429A the frequency band 3 300-3 400 MHz is allocated to the mobile, except aeronautical mobile, service on a primary basis. The Authority has incorrectly associated footnote 5.430A next to mobile instead of 5.429A,

3400 – 3600 MHz

RFAP GG 38640 South Africa had committed to adopting the F1 option i.e the TDD option however it appears with the NRFP that the F2 (FDD) option is now supported. MTN suggests that clarity and alignment between the regulations are necessary.

3600 – 3800 MHz

3GPP has created Band 43 (TDD), consequently MTN believes that this should be reflected in Column 1 on a Mobile allocation on a Primary basis



Thank you



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