

Good Morning,

Airservices thanks the ACMA for the chance to comment on the 850/900 MHz draft legislative instruments.

The Distance Measuring Equipment (DME) is an aeronautical navigation system that provides slant distance between an aircraft and a ground station. DME is used in enroute and terminal operations. In a terminal environment the DME is typically installed with a VOR so the combined functionality of the ground station becomes distance and bearing. When a DME is installed with an ILS it provides distance to touchdown information in lieu of Marker Beacons.

Airservices supports the proposal in *Draft instruments for the 850/900 MHz band auction Consultation paper* that the additional 9 dB allowance will not apply for non-spurious out-of-band emission limits above 960 MHz to protect DME systems.

Ideally we retain the existing limits which apply to the 850 MHz band and 900 MHz bands. For correct operation of the DME, we require that at a distance of 100m their free space power density won't be more than -104 dBW/m² since the DME needs to be able to detect interrogations down to that level.

Kind Regards,

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Airservices Australia
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