

**This is an unofficial translation of the Decision and is provided here for information purposes Only.
Reliance may only be placed upon the Official Arabic Version of the Decision**

Decision No. 39/2017 regarding

**Amending Some Provisions of TRA Decision No 133/2008
Issuing Regulations Organizing the Registration & Utilization of Frequencies &
Radio Equipment & their Pricing & Amending some Provisions of the Attached
Regulations**

Pursuant to the Telecommunications Regulatory Act issued by the Royal Decree
No. 30/2002 and;

The Executive Regulation of the Telecommunications Regulatory Act issued by
Decision No. 144/2008 and;

The Decision No 133/2008 **Regulating Organizing the Registration & Utilization of
Frequencies & Radio Equipment & their Pricing;** and

The Authority`s Board of Directors approval; and
The Ministry of Finance`s Approval and;
Based on the exigencies of the public interest;

It is decided:

Article 1: Annex (M) attached with this Decision shall be part of TRA Decision
titled **Regulating Organizing the Registration & Utilization of Frequencies & Radio
Equipment & their Pricing.**

Article 2: Any provisions contradicting or conflicting with this decision & the
amendments attached is hereby repealed.

Article 3: This Decision shall be published in the official Gazette and shall be
operative from the day following its date of publication.

Issued on: 18 Thu Al-Qada 1438 H
Corresponding to: 10 August 2017

Mohammed Bin Hamed Al-Rumhi
Chairman of Board □

Annex (M)

Technical Specification of Ka-Band Earth Station in motion

- 1.** Ka-Band Earth Stations in motion on board aircrafts and vessels are permitted to operate on Frequency band (29.5- 30.0 GHz) for the uplink (earth-space), and be operated on band (19.7 -20.2 GHz) for the downlink (space-earth) based on the below conditions :
 - a. Shall not operate the station on board of vessels on the Oman territorial water.
 - b. Shall not operate the station in Omani airports, seaports & coastal Areas.
 - c. Shall not operate the station on board of aircrafts on height less than (3000 meter) above sea level.
 - d. The station is only operated via GSO Fixed Satellite Services (FSS) and/or Mobile Satellite Services (MSS) provided that the coordination and notification procedures pursuant to the procedures followed in ITU Radio Regulation (RR) have been successfully completed.
 - e. Compliance with the operational, technical & administrative requirements stipulated in the following:
 - ITU-R Resolution 156 (WRC-15) .
 - ITU-R reports No S.2223 & S.2357.
 - European Radiation Standard No (ETSI EN 303 978)
 - f. Meeting all the requirements of the concerned authorities, if required.
 - g. The maximum equivalent isotropic radiated power (e.i.r.p) of a single station shall be limited to a value within the range from 55 to 60 dBW..
 - h. Providing a point of contact for the purpose of tracing any suspected cases of interference from earth stations in motion.

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2. All aircrafts registered under Omani flag shall apply for a radio license from the TRA prior using earth stations in motion operating on (Ka-band) in accordance with the established radio licensing procedures.

3. An annual utilization fees of hundred Omani Rials (100 OMR) is applicable on all aircrafts operating Ka-Band earth station in motion registered under the Omani flag.

4. All foreign aircrafts traversing the Sultanate airspaces shall have a valid radio license from their registering country before utilizing Ka-Band earth station in motion.

5. . All vessels registered under Omani flag shall apply for a radio license from the TRA prior using earth stations in motion operating on (Ka-band) in accordance with the established radio licensing procedures.