



Notification Number: 1995/430/UK

MPT1560: Performance Specification for Digital Multipoint Video Distribution Systems (MVDS) Transmitters and Transmit Antennas Operating in the Frequency Band 40.5 to 42.5 GHz.

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Message

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TELEX 001

COMMUNICATION FROM THE COMMISSION - SG (95) D/51901
DIRECTIVES 83/189/EEC, 88/182/EEC AND 94/10/EC

NOTIFIKATION - NOTIFIZIERUNG - NOTIFICATION - NOTIFICACION
NOTIFICATION - NOTIFICA - KENNISGEVING - NOTIFICACAO - ILMOITUS
ANMÄLAN : 95/0430/UK.

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- 3B1 : 9501901.EN

1. Structured Information Line

TLX 001 IND- 95 0430 UK- EN ----- 951212 --- ---



2. Member State

United Kingdom.

3. Department Responsible

Department of Trade and Industry: Standards Policy Unit.

3. Originating Department

Radiocommunications Agency

4. Notification Number

95/430/UK

5. Title

MPT1560: Performance Specification for Digital Multipoint Video Distribution Systems (MVDS) Transmitters and Transmit Antennas Operating in the Frequency Band 40.5 to 42.5 GHz.

6. Products Concerned

Digital Multipoint Video Distribution Systems (MVDS) Transmitters and Transmit Antennas operating in the 40.5 to 42.5 GHz band.

7. Notification Under Another Act

N/A

8. Main Content

The specification covers the minimum mandatory requirements for the type approval of transmitters and transmit antennas for digital multipoint video distribution systems (MVDS) in the UK. The specification is divided into four parts covering standard requirements, transmitter specification, transmit antenna specification and informative annexes. Those parameters which are directly or indirectly related to spectrum management are specified.

They include carrier frequency and power, spectrum mask to define the radiated spectrum, limits to control out of band spurious emissions and antenna patterns. The informative annexes detail assumed receiver performance, example local oscillator frequencies, 40 GHz channel plan, digital MVDS link budgets and service area planning and propagation information.

The specification provides recognition of equivalent standards and testing in its Foreword. It does not cover any EMC requirements falling under the EMC Directive; this is also clearly stated in the Foreword to the specification.

9. Brief Statement of Grounds

In licensing digital MVDS systems, it is necessary to type approve transmitters and transmit antennas. Therefore this



performance specification is needed to specify parameters requiring testing and the necessary limits with which to comply. The frequency band 40.5 to 42.5 GHz designated for use in the UK complies with the CEPT Recommendation T/R 52-01 ?Designation of a Harmonised Frequency Band for Multipoint Video Distribution Systems in Europe? as adopted by the European Radiocommunications Committee (ERC), Athens 1990.

10. Reference Documents - Basic Texts

- i. Draft performance specification MPT1560 - 3 copies.
CEPT Recommendation T/R 52-01E - 1 copy.
- ii. N/A
- iii N/A

11. Invocation of the Emergency Procedure

No

12. Grounds for the Emergency

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13. Confidentiality

No

14. Fiscal measures

No

D. WILLIAMSON
COMEUR
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