



United Arab Emirates



TECHNICAL SPECIFICATION

Analogue Cordless Telephones, Base Stations and Ancillary Equipment

Version 1.0

Document Date: 6 October 2006

Telecommunications Regulatory Authority (TRA)
P O Box 26662, Abu Dhabi, United Arab Emirates (UAE)
www.tra.gov.ae



Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

Version Control:

Version:	Issue Date:	Reason for Issuance:
1.0	6 October 2006	First version of Analogue cordless telephones, base stations and ancillary equipment



Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

TABLE OF CONTENTS

1.	Scope	Error! Bookmark not defined.
2.	Definitions.....	Error! Bookmark not defined.
3.	Spectrum Allocations.....	Error! Bookmark not defined.
4.	Technical Requirements.....	Error! Bookmark not defined.



1. Scope

This specification lists the technical requirements applicable to the following types of radio equipment:

Analogue cordless telephones, base stations and ancillary equipment

2. Definitions

Unless the context requires otherwise, the expressions and wordings appearing in Federal Law by Decree No. (3) of 2003 Regarding the Organisation of the Telecommunications Sector shall have the same meaning ascribed thereto in the above-mentioned Federal Law by Decree, and the following expression and wording shall have the following meanings assigned thereto:

ANSI	American National Standards Institute ¹
CENELEC	European Committee for Electro-technical Standardisation ²
CISPR	International Special Committee for Radio Interference ³
IEC	International Electro-technical Commission ⁴
ITU	International Telecommunications Union ⁵
ETSI	European Telecommunications Standards Institute ⁶

¹ ANSI standards can be obtained from, <http://webstore.ansi.org>

² CENELEC standards can be obtained from, www.cenelec.org

³ CISPR standards can be obtained from, www.cenelec.org

⁴ IEC standards can be obtained from, www.iec.ch

⁵ ITU standards can be obtained from, www.itu.int

⁶ ETSI standards can be obtained from, www.etsi.org

Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

3. Spectrum Allocations

The following frequency bands are allocated for use by radio equipment falling within the scope of this specification:

Group A

Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)	Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)
1	43.720	48.760	14	44.460	49.460
2	43.740	48.840	15	44.480	49.500
3	43.820	48.860	16	46.610	49.670
4	43.840	48.920	17	46.630	49.845
5	43.920	49.020	18	46.670	49.860
6	43.960	49.080	19	46.710	49.770
7	44.120	49.100	20	46.730	49.875
8	44.160	49.160	21	46.770	49.830
9	44.180	49.200	22	46.830	49.890
10	44.200	49.240	23	46.870	49.930
11	44.320	49.280	24	46.930	49.990
12	44.360	49.360	25	46.970	49.979
13	44.400	49.400			

Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

Group B1

Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)	Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)
1	31.0375	39.9375	5	31.1375	40.0375
2	31.0625	39.9625	6	31.1625	40.0625
3	31.0875	39.9875	7	31.1875	40.0875
4	31.1125	40.0125	8	31.2125	40.1125

Group B2

Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)	Channel	Base Station Transmit (MHz)	Handset Transmit (MHz)
1	39.775	30.075	6	39.900	30.200
2	39.800	30.100	7	39.925	30.225
3	39.825	30.125	8	39.950	30.250
4	39.850	30.150	9	39.975	30.275
5	39.875	30.175	10	40.000	30.300

Note: Frequency allocations can change and this information should be checked with TRA Spectrum Affairs department.



Technical Specification, EMC and Safety Requirements, Version 1.0, Issued 16 Month 2006

4. Technical Requirements

General

All equipment shall comply with TRA specification TS001 concerning safety and EMC performance.

Specific

Unless stated otherwise below, the latest published versions of the following standards shall apply:

- | | |
|--------------------------|--|
| ETSI EN 301 489-1 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements |
| ETSI EN 301 489-9 | Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 9: Specific conditions for wireless microphones, similar radio frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices |
| ETSI EN 300 220-3 | Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500mW; Part 3: Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive. |