

USE OF VERY LOW POWER RADIO FREQUENCY DEVICES FOR INDOOR APPLICATIONS IN THE 13.553 - 13.567 MHZ FREQUENCY RANGE (EXEMPT)

Rü0-33004/99 REGD. NO. D. L.-33004/99 Che Gazette of •tidia 6141 No. 6141 EXTRAORDINARY PART 11=Section 3--Sub-section (i) PUBLISHED BY AUTHORITY 4, 13, 1932 NEW DELHI, THURSDAY, NOVEMBER 4, 2010/KARTIKA 13, 1932 4 2010 1885 (1885 13)\$r 4 7 1933 (1933 4 10 g-g, t, G) 2010 I 2. -- til E, 1885 (1885 13) 31fÄRuq,1933 (1933 17) 1885 (1885 13) 3Rtfuq,1933 (1933 17) I 3. 13.553 - 13.567 - 13.553 - 13.567 *zrt 4296 GI/2010 (1) 2 (1) 13.553 - 13.567 GAËTTE OF : EXTRAORDINARY 10 2 42 g / 10 93.5 10 [PART 11—SEC. 3) \$1 NT*TT, gurrtr zrxx fig F5Ri fig I 30] (3) Rg "enq-ra or*" Rg fi&7, 1 1. 2. 3. 4. 1. 2. 3. 4. 5. 4 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. GAËT*IE OF INDIA : EXTRAORDINARY i. ii. iii. iv. @1Rg) [PART 11—SEC. 3(i)] 3(i)] 1. 2. 3. 4. 5. 6. 7. 1 2 3 4 5 6 7 ugq6 c, 6 THE OF mDIA : EXTRAORDINARY [I—SEC. 3(i)] wnr•usTRY OF COMMUNICATIONS AND NFORMATION TECl,mQLOGY (WIRELESS PLANNING AND COORDINATION WING) NOTIFICATION New Delhi, the 4th November, 2010 G.S.R. 884(E).— In exercise of the powers conferred by sections 4 and 7 of the Indian Telegraph Act, 1885 (13 of 1885) and sections 4 and 10 of the Indian Wireless Te'egraphy Act, 1933 (17 of 1933), the Central Government hereby makes the following rules, namely: - Short title and commencement (1) These rules may be called the Use cf very low power 1. Radio Frequency devices for indoor applications in the 13.553-13.567 MHz frequency range (Exemption from Licensing Requirement) Rules, 2010. (2) They shall come into force on the date of their publication in the Official Gazette. Definitions. — In these rules, unless the context otherwise requires, words and expressions 2. used in these rules and not defined, but defined in the Indian Telegraph Act, 18B5 (13 of 1885); and the Indian Wireless Telegraphy Act, 1933 (17 of 1933) shall have the same respectively assigned to them in those the Indian Telegraph Act, 1885 (13 of 1885); and the Indian Wireless Telegraphy Act, 1933 (17 of 1933)

3. Use of very low power Radio Frequency devices, for indoor application in th 13.553- 13.567 MHz frequency range.— No person shall require license to establish, mai-ttain, work, possess or deal in any wireless equipment for the purpose of usage of vey low power Radio Frequency devices, or equipments including Short Range Devices or Radio Frequency Identification 3(i)] Devices, for indoor applications in the 13.553-13.567 frequency range, on non-interference, Non-protection and shared (non exclusive) basis, with built-in antenna and maximum Field Strength Limits and other Technical parameters as specified in the Table below, namely: - 7 Frequency Band (1) 13.553-13.567 MHz TABLE Technical characteristics Maximum Electric or Magnetic Field strength limit at ten meter distance (2) 42 dBgA/m at 10 meter OR 93.5dB WV /m at 10 meter Antenna (3) Built-in Provided that it does not in any way, affects the licensing rights or procedures of existing and planned wireless operations, in this frequency band; Interference The effect of unwanted energy due to one or a combination of emissions, 4. radiations or induction upon reception in a radio communication system, manifested by any performance degradation, misinterpretation, or loss of information which could be extracted in the absence of such unwanted energy, where any person whom a license has been issued under section 4 of the Indian Telegraph Act, 1885 (13 of 1885); and the Indian Wireless Telegraphy Act, 1933 (17 of. 1933) informs that his licensed system is getting harmful interference from any other radio communication system exempted under these rules, the user of such unlicensed wireless equipment shall take necessary steps to avoid interference by relocating the equipment, reducing the power, using special type of antennae including discontinuation of such wireless use, if required: Provided diat, before such disconüriuation, a reasonable opportunity to explain the circumstances shall be offered to such unlicensed user of wireless equipment by the issuing authority. 8 5. THE GAZTIE OF : EXTRAORDINARY [PART II—SEC. Equipment. - (1) The very low power Radio Frequency wireless devices shall be of Equipment type approved designed and constructed in such a manner so that the bandwidth of ernission and other parameters shall conform to the limits specified in the Table referred to in rule 3. (2) The application for obtaining equipment type approval shall be made to the Cenfral Government in such application format in Annexure L (3) For the import of the above equipments, the application for obtaining "Import License" shall have to be made to the Central Government in Annexure 11 [No. R-1 1020/04/2009-PP] R. K. NIRANJAN, Asstt. Wireless Adviser Annexure-I APPLICATION FOR EOUIPMENT TYPE APPROVAL Section-A- Applicant 1. 2. 3

4. Name of manufacturing agency applying for equipment Wpe approval Postal Address of manumcturing Agency Name and address of Indim agency applying for the type approval.Name of product and the product Identification (model number etc.,) Section- B- of Transmitter 1. 2

3. Frequency range No.of preset switchable channels No. ofvoice Data/ TV Channels (In case of multi-chamel equipment) 4. 5. 6. 7. 8. 9, IO. 11. 12. 13. 14. 15. 16. 3(i)] Tx•Rx channel separation (In case of DupleWmulti-channel equipment) Adjacent channel separ.ation (In case of multi-channel equipment) Frequalcy subility Spurious/ Harmonic radiations i. Carrier suppression (In case of carrier suppressed systems) ii. Unwanted side band suppression (In case of SSB systems) iii. 2nd Hamonic radations iv. 3d Harmonic radiations Max. Frequelcy Deviation Mode of emission Bandwidth of emission Test Tone deviation Base band frequency (In case of multi channel equipment) Type of modulation to be required Pre-emphasis Power output (At the .input of antenna) Any other information 9 Section-C- Detail* of Receivers 1. 2. 3. 4

5. Frequawy range Mode of reception Spurious response of receiver Sensitivity Frequency snbility IO (a) 6.(b) 7. 8. 9

10. Place .Date (Note THE GATI'TE OF INDIA : EXTRAORDINARY noise tempemure Threshold input level [PART [I—SEC. 3(i)] Intermediate frequency De-emphasis Selectivity Any Otler particulaß Signature of the applicant Separde application should be submitted for each type of equipment) Annexure-II APPLICATION FOR A LICENCE TO INFPORT WIRELESS TRANSMITTING AND/OR TRANSRECEIVING APPARATUS NT0 INDIA 1. 2. 3. 4

5. Name of Applicant (IN BLOCK CAPITAL) Permanent Address in India Port at which it is desired to.import apparatus Probable date of importation Reference-of C.C.I (Ministry of Import Licence, if any 6

7. Item No 1 3(i)] a) Reference of Ministry of Communications Agreement Letter b) Whether first licence wanted now or annexure Purpose for which required Manufacturer 's Name 2 Whether Transmitter/ Transreceiver Or components There of 3 Model or Type No.4 Quantity 5 Frequency of Operation RF power Output 6 TECHNICAL LITERATURE TO BE ENCLOSED. Place : Applicant : 11 (Signature) Approx. C.I.F Value, if known 7 Siglature of Date : Printed by the Manager, Govemment of India Press, Ring Road, and Published by the Controller of Publications, Mayapuri, New Delhi-110064 Delhi-110054.