



## CONSTRUCTION DESIGNED CERTIFICATE FOR JAPAN RADIO TYPE APPROVAL

We hereby certify that the equipment has been granted Certification for Construction Design as described above based on regulations in Radio Law Article 38, Section 24.

Construction Designed Certificate No.:	208-130008
Certificate Holder:	Linear Technology Corporation
Manufacturer & Factory:	Linear Technology Corporation
Equipment / Category:	Radio equipment in Certification Ordinance Article 2 Section 1 No.19
Brand / Trade Name:	SmartMesh
Model / Type Number(s):	ETERNA2
Emission Designator / Frequency and antenna Power of radio wave:	G1D 2405-2475MHz (5MHz Steps 15 Channels) 0.006W/MHz
Technical Specification:	Article 2 Section 1 No.19
Note:	Update to add antenna
Antennas:	<p style="text-align: center;"><b>Modularized Specified Radio Equipment</b></p> <p>Fractus FR05-S1-N-0-102 (1.5dBi)  Laird CAF28841 (2.5dBi) / WXE2400 (3.0dBi)  Nearson S152CL-03251 (2.0dBi) / S152AM-2450S (4.0dBi) / S152AH-2450S (4.0dBi) / S181FL-RMM-2450S (2.0dBi) / S181XX-2450S (2.0dBi)  PCTEL MHO24004NM (4.0dBi) / MHO24002NM (2dBi) / MMSO2300 (0.0dBi) / MMSO2300PT (0.0dBi) / PCTMI24-RPC (2.2dBi) / BOA24004NF (4dBi)  Pulse W1030 (2.0dBi) / W5001 (1.5dBi) / W5010 (1.5dBi) / W5011 (1.5dBi)  RFM BM242 (2.5dBi)  STAF 1019-016A (2.14dBi) / 1019-017A (2.14dBi) / 1019-018A (2.14dBi) / 1019-019A (2.14dBi)  Taoglas FXP73.09.0100A (2.5dBi) / GW.71.5153 (3.8dBi) / FW.24.SMA.M (4dBi) / FXP.810.09.0100C (1.5dBi) / FXP831.09.0100C (2.5dBi) / FXP832.03.0458D (3.66dBi) / GW.05.0153 (1.25dBi) / GW.11.A153 (2.3dBi) / GW.11.A153W (2.3dBi) / GW.26.0151 (1.8dBi) / GW.26.0152 (1.8dBi) / GW.59.3153 (2.37dBi) / PC11.09.0100A (3dBi) / WPC.25B.35 (2dBi) / WS.02.B.205111 (4.42dBi) / WSA.2400.A.101151 (3.67dBi)  Sirio SCO-2.4-6 (Collinear Dipole Array, 6dBi)</p>

**Leslie Bai**  
Director of Certification

**Issue date: March 7, 2013**  
**Update date: September 25, 2017**

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Please check the validation of this certificate at [http://www.siemec.com/Pages/siemec\\_db/public/certverification.asp](http://www.siemec.com/Pages/siemec_db/public/certverification.asp)