

Hellenic Accreditation System



ACCREDITATION CERTIFICATE

No. 1234

The Hellenic Accreditation System (ESYD), as the national accreditation body of Greece in accordance with the Law 4468/2017,

ACCREDITS

the

**Intracom Telecom (Intracom S.A. Telecom Solutions)
Wireless Network Systems, R&D, Broadband Systems &
Wireless Technologies, EMC & Safety, Radio &
Enviromental Laboratory**

in

Peania, Athens Greece

under the terms of the ELOT EN ISO/IEC 17025:2017 Standard, to carry out tests, as specified in the attached Scope of the Accreditation, which may be revised by ESYD.

This Certificate is valid until January 20th, 2025 and it is subject to continuing compliance of the accredited body with the Regulations and the Criteria of ESYD.

Athens, January 21st, 2021



Hellenic Accreditation System



Annex F1/1 to the Certificate No. 1234

SCOPE of ACCREDITATION

of the

EMC & SAFETY Testing Laboratory

of

INTRACOM TELECOM (INTRACOM S.A. TELECOM SOLUTIONS)

Materials / Products tested	Types of test/ Properties measured	Applied methods / Techniques used
Electrical Tests		
Fixed Radio Systems: - Point-to-point equipment - Point-to-multi-point equipment	Transmitter output power tolerance & transmitter automatic transmit power control (ATPC) up to 40 GHz, 71-76 GHz, 81-86 GHz	ETSI EN 302 217-2 v3.1.1: 2017 § 5.2.1, 5.2.2 ETSI EN 302 326-2 v1.2.2: 2007 §5.3.2, 5.3.6 FCC part 101.113: 2020 FCC part 30.405: 2020 ANSI C63.26: 2015 §5.2.4
	Transmitter frequency tolerance up to 40 GHz, 71-76 GHz, 81-86 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.2.7 ETSI EN 302 326-2 v1.2.2: 2007 §5.3.3 FCC part 101.107: 2020 FCC part 30.402: 2020 ANSI C63.26: 2015 §5.6
	Transmitter power limitations: Spectral power density 71-76 GHz, 81-86 GHz	FCC part 101.109: 2020 ANSI C63.26: 2015 §5.2.2.4
	Transmitter occupied bandwidth up to 40 GHz, 71-76 GHz, 81-86 GHz	FCC part 101.109: 2020 FCC part 30.403: 2020 ANSI C63.26: 2015 §5.4
	Transmitter RF mask & discrete (CW) spectral lines exceeding the spectrum mask (Emissions limitations) up to 40 GHz, 71-76 GHz, 81-86 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.2.3, 5.2.4 ETSI EN 302 326-2 v1.2.2: 2007 §5.3.4 FCC part 101.111: 2020 FCC part 30.404: 2020

Materials / Products tested	Types of test/ Properties measured	Applied methods / Techniques used
	Transmitter spurious emissions (out of band) up to 40 GHz, 50 - 110 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.2.5 ETSI EN 302 326-2 v1.2.2: 2007 §5.3.5 FCC part 101.111: 2020 FCC part 30.404: 2020
	Receiver Sensitivity (minimum RSL) up to 40 GHz, 71-76 GHz, 81-86 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.3.2 ETSI EN 302 326-2 v1.2.2: 2007 §5.4.3
	Receiver co-channel & adjacent channel interference up to 40 GHz, 71-76 GHz, 81-86 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.3.3 ETSI EN 302 326-2 v1.2.2: 2007 §5.4.4
	Receiver CW interference up to 50 GHz	ETSI EN 302 217-2 v3.1.1: 2017 §5.3.3 ETSI EN 302 326-2 v1.2.2: 2007 §5.4.4
Environmental Tests		
Fixed Radio Systems: - Point-to-point equipment - Point-to-multi-point equipment Telecommunications Equipment	Dry heat (steady-state)	EN 60068-2-2: 2007 ETSI EN 300 019-2-4 v2.5.1: 2018 ETSI EN 300 019-2-3 v2.4.1: 2015
	Dry cold (steady-state)	EN 60068-2-1: 2007 ETSI EN 300 019-2-4 v2.5.1: 2018 ETSI EN 300 019-2-3 v2.4.1: 2015
	Change of temperature	EN 60068-2-14: 2009 ETSI EN 300 019-2-4 v2.5.1: 2018 ETSI EN 300 019-2-3 v2.4.1: 2015

Site of assessment: **Laboratory permanent premises, 19,7 km Markopoulo - Peania Ave., 19002 Peania, Greece**

Approved signatorie: **I. Charalampakis**

The Accreditation Certificate No. **1234**, to ELOT EN ISO/IEC 17025:2017, is valid until January 20th, 2025

Athens, January 21st, 2021



Spyridon Podaras
CEO of ESYD