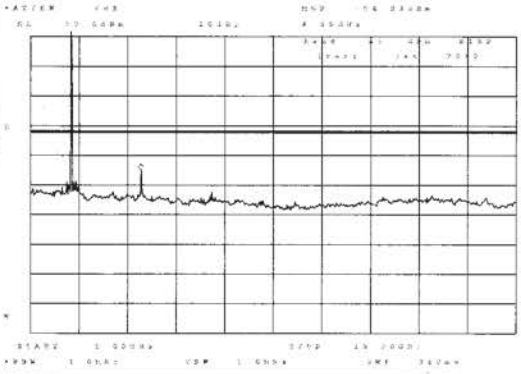
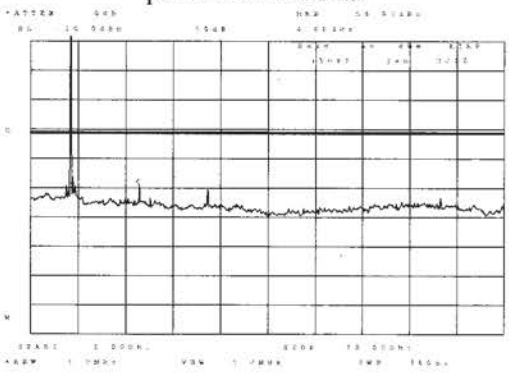
Compliance standard	:	FCC part 15, subpart C, section 15.205 (a), (b) & (c), 15.209 (a) & 15.249 (a) & (e)
Method of test	:	ANSI C63.4-2003, sections 5.5, 8.2.3, 8.2.4 & 8.3.1.2; FCC part 15, subpart A, section 15.31(m), 15.33, 15.35.
Test results	:	

Low channel 2400.5 MHz TX:

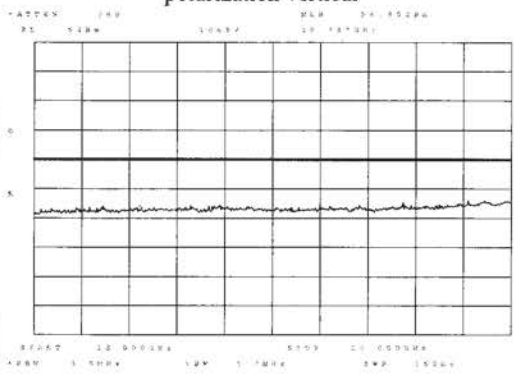
Peak measurement 1000 - 18000 MHz
polarization vertical



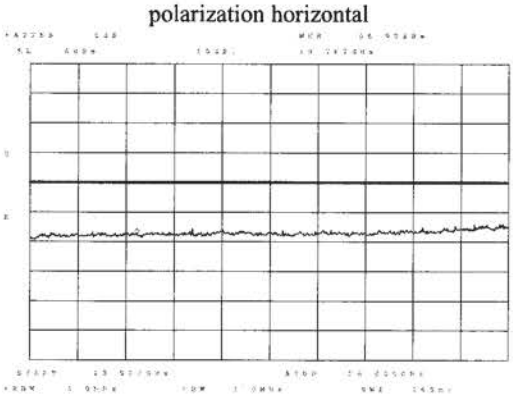
Peak measurement 1000 - 18000 MHz
polarization horizontal



Peak measurement 18 - 26 MHz
polarization vertical

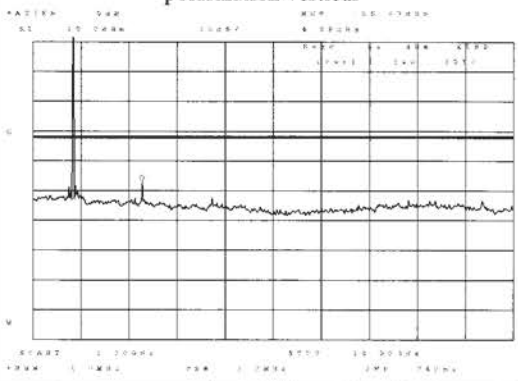


Peak measurement 18 - 26 GHz
polarization horizontal

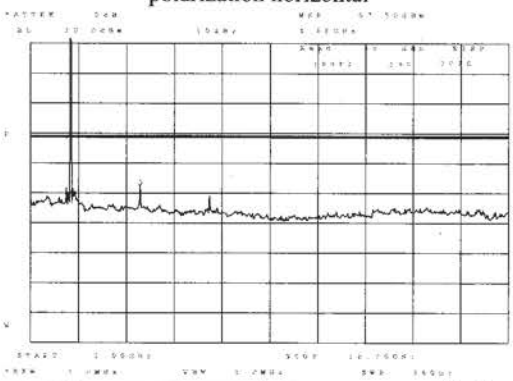


Mid channel 2440.0 MHz TX:

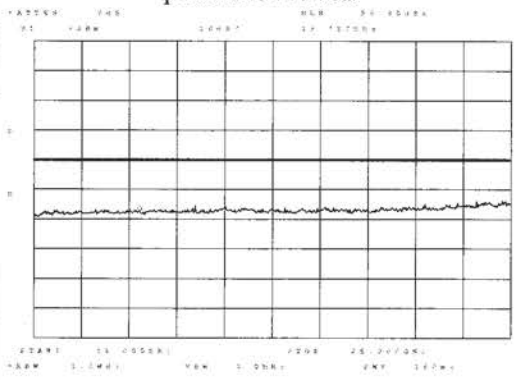
Peak measurement 1000 - 18000 MHz
polarization vertical



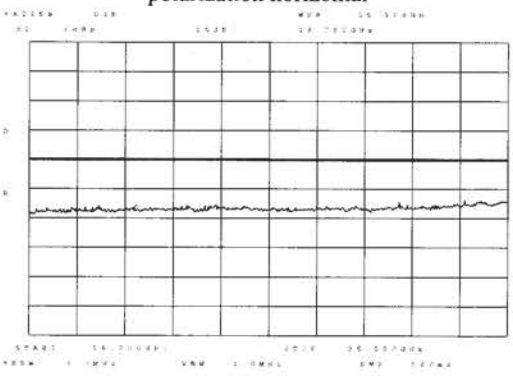
Peak measurement 1000 - 18000 MHz
polarization horizontal



Peak measurement 18 - 26 MHz
polarization vertical

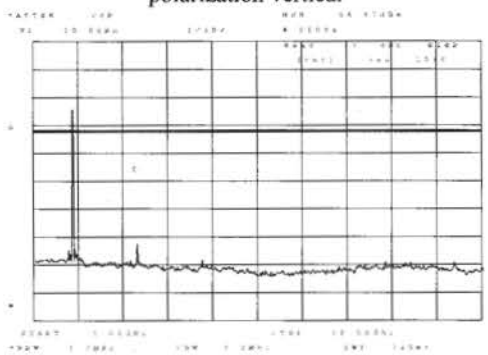


Peak measurement 18 - 26 GHz
polarization horizontal

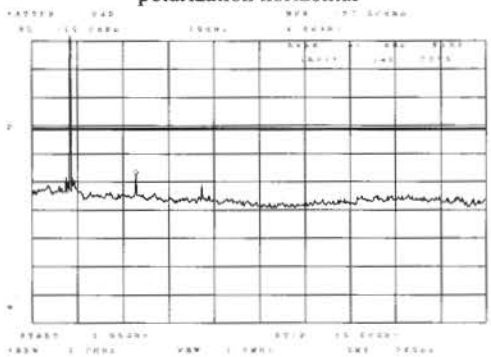


High channel 2482.5 MHz TX:

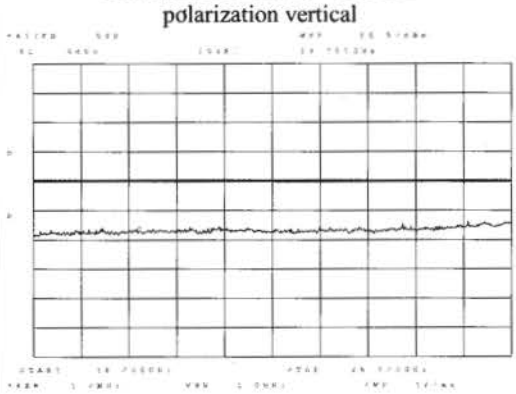
Peak measurement 1000 - 18000 MHz
polarization vertical



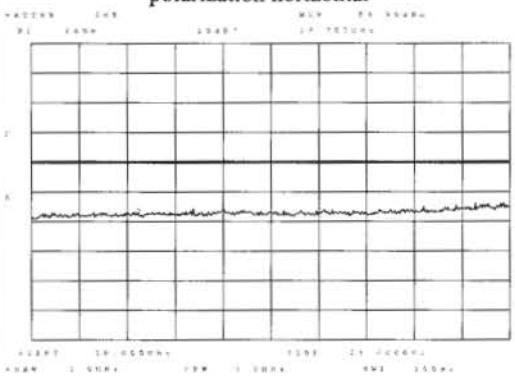
Peak measurement 1000 - 18000 MHz
polarization horizontal



Peak measurement 18 - 26 MHz
polarization vertical



Peak measurement 18 - 26 GHz
polarization horizontal



Note: Only peak power was measured. The formula for conversion from power to field strength is: FS (dBµV/m) = EIRP (dBm) + 95.2 dB.

Measurement uncertainty	+4.5/-6.1 dB

Limit	See plot

Measurement equipment used (item numbers refer to section "used test equipment")	1, 3, 4, 6, 7, 8, 10, 11, 12

Used test equipment module

No.	Description	Manufacturer	Model	Ident
1	Spectrum Analyzer	Hewlett Packard	HP8563E	TE 00359
2	RF Pre-amplifier 30 - 1000 MHz	Rohde & Schwarz	ESV-Z3	TE 00098
3	RF Pre-amplifier 1 - 26.5 GHz	Hewlett Packard	HP8449B	TE 00093
4	RF Pre-amplifier 18 - 40 GHz	Miteq	JS4-18002400-30-8P-A1	TE 11131
5	Biconilog antenna	EMCO	3143	TE 00700
6	Horn Antenna	EMCO	3115	TE 00532
7	Horn Antenna	Flann	SA 20240-25	TE 00818
8	Full Anechoic Chamber	Euroshield	RFD-F-100	TE01064
9	Digital Thermometer	Fluke	Fluke 51	TE 00388
10	Antenna tower	HD	AS 620p	--
11	Turntable	HD	DS 412	--
12	Turntable controller	HD	HD 050	--
13	Temperature / RH logger	Microlog	EC650	TE 01115
14	EMI test receiver	R&S	ESCI	TE 00481
15	Biconilog antenna	Chase	CBL6112A	TE 00967
16	Antenna tower	inn-Co	MA4000	SAR
17	Semi Anechoic Room	Comtest	--	TE 00861
18	Pulse limiter	R&S	ESH3Z2	TE 00756
19	Two-line V-network	R&S	ESH3Z5	TE 00208
20	Variable transformer	Jacke	RU 8	TE 00586

Revision history

revision	date	remarks	modified by
1.0	28 April 2011	--FCC ID changed to YDVINTELLICAP-PUI	PR

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GRANT OF EQUIPMENT
AUTHORIZATION
Certification
Issued Under the Authority of the
Federal Communications Commission
By:

TCB

Telefication B.V.
Edisonstraat 12a
Zevenaar, 6902 PK
Netherlands

Date of Grant: 09/05/2011

Application Dated: 08/31/2011

Philips Research
High Tech Campus 34 (WB.2-053)
Eindhoven, 5656 AE
Netherlands
Attention: Ventzeslav Iordanov , Director Q&R, System Architect

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: YDVINTELLICAP-CI
Name of Grantee: Philips Research
Equipment Class: **Part 15 Security/Remote Control Transmitter**
Notes: **IntelliCap**

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15.231(e)	**433.2 - 434.6**			

Certificate No: **10218041/AA/00**	W.J.M. Jong Operations Manager Certification	