















# DRAFT 802.11n (20MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 2)















#### DRAFT 802.11n (20MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 3) FOR CHAIN 0:CH1

















#### DRAFT 802.11n (40MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 2) FOR CHAIN 0:CH1



















#### DRAFT 802.11n (40MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 3) FOR CHAIN 0:CH1















#### 4.7 ANTENNA REQUIREMENT

#### 4.7.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

#### 4.7.2 ANTENNA CONNECTED CONSTRUCTION

The antennas used in this product are as below.

No.	Gain (dBi)	Antenna Type	Antenna Connector
			Connector
1	2.0	Dipole	NA
2	2.0	Dipole	NA
3	1.8	PCB monopole	NA



## **5. INFORMATION ON THE TESTING LABORATORIES**

We, ADT Corp., were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA	FCC, UL, A2LA	
Germany	TUV Rheinland	
Japan	VCCI	
Norway	NEMKO	
Canada	INDUSTRY CANADA, CSA	
R.O.C.	CNLA, BSMI, NCC	
Netherlands	Telefication	
Singapore	PSB , GOST-ASIA(MOU)	
Russia	CERTIS(MOU)	

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site:

<u>www.adt.com.tw/index.5/phtml</u>. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab: Tel: 886-2-26052180 Fax: 886-2-26052943 Hsin Chu EMC/RF Lab:

Tel: 886-3-5935343 Fax: 886-3-5935342

#### Hwa Ya EMC/RF/Safety Telecom Lab:

Tel: 886-3-3183232 Fax: 886-3-3185050

Web Site: <u>www.adt.com.tw</u>

The address and road map of all our labs can be found in our web site also.



## **APPENDIX-A**

# MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.