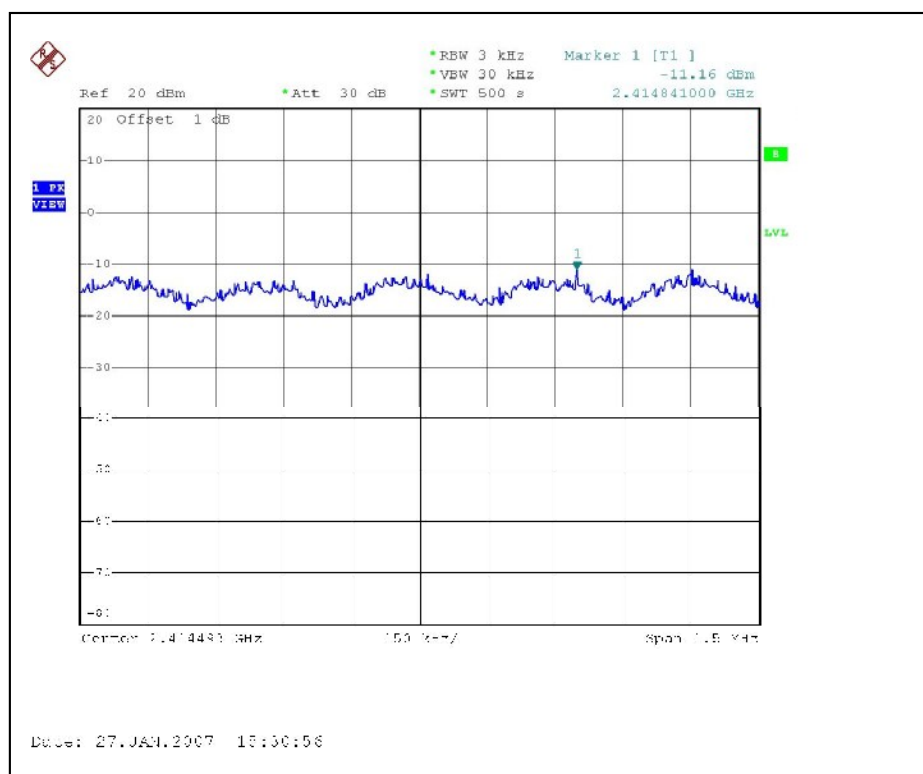


### DRAFT 802.11n (20MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 2)

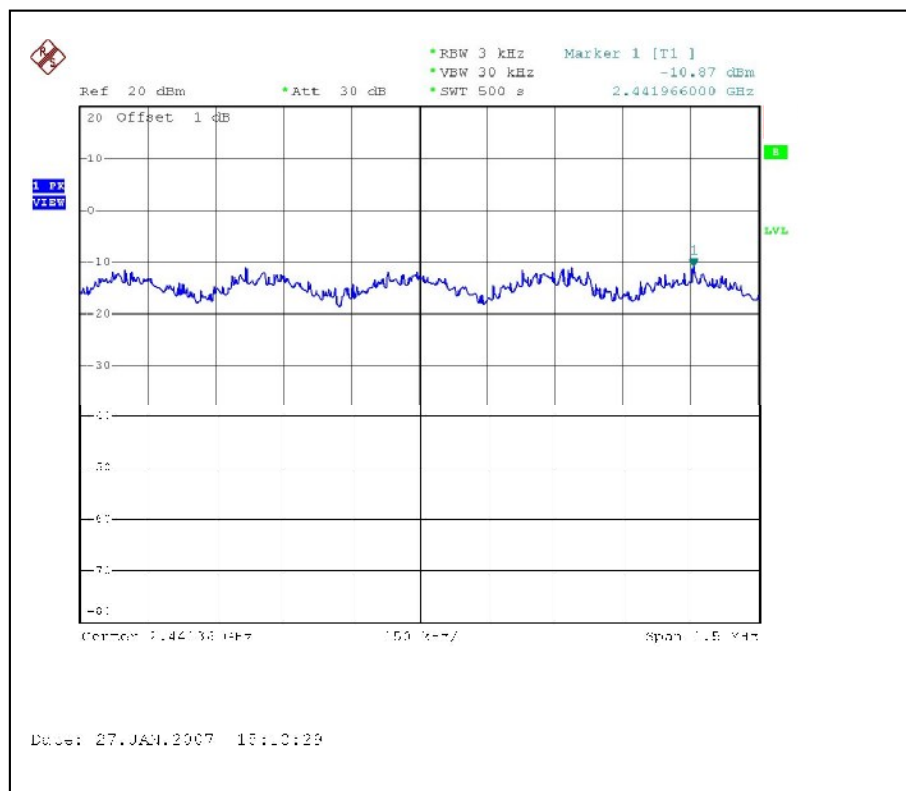
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	6.5Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	18deg.C, 64%RH, 971hPa
<b>TESTED BY</b>	Sky Liao		

CHANNEL	CHANNEL FREQUENCY (MHz )	RF POWER LEVEL IN 3kHz BW (dBm)		MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1		
1	2412	-11.16	-11.46	8	PASS
6	2437	-10.87	-10.83	8	PASS
11	2462	-12.11	-12.12	8	PASS

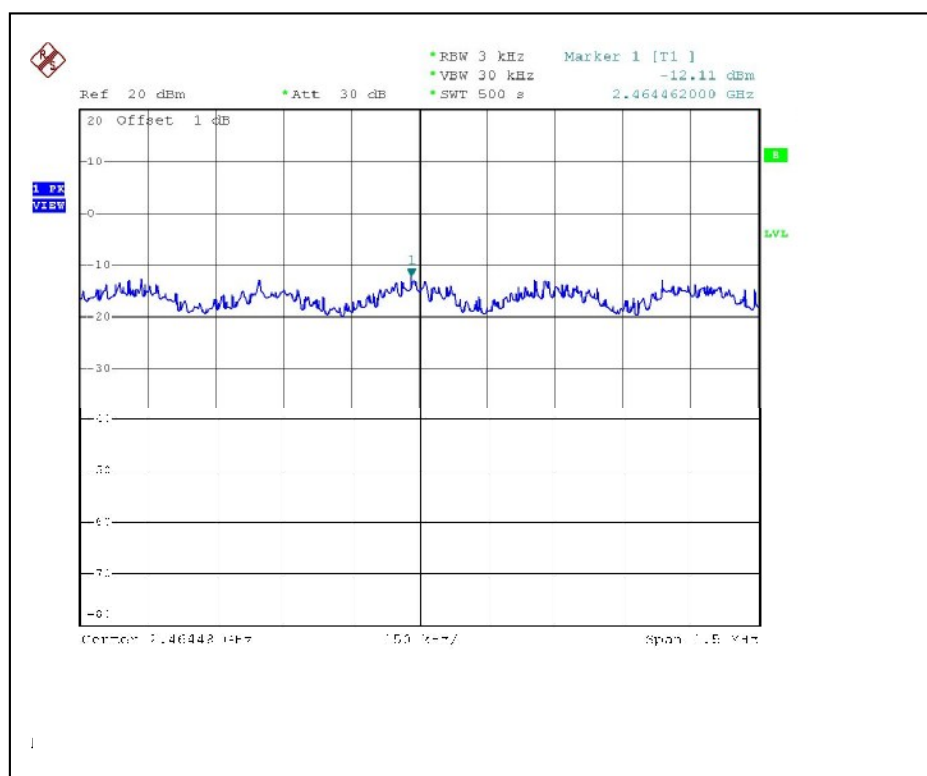
FOR CHAIN 0: CH1



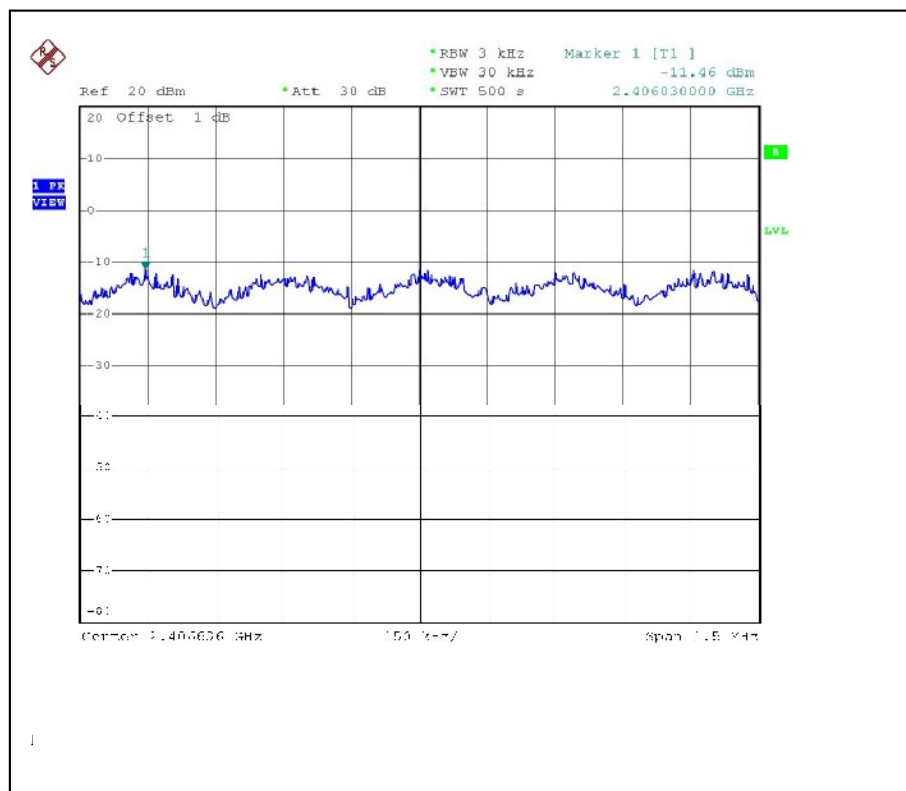
## CH6



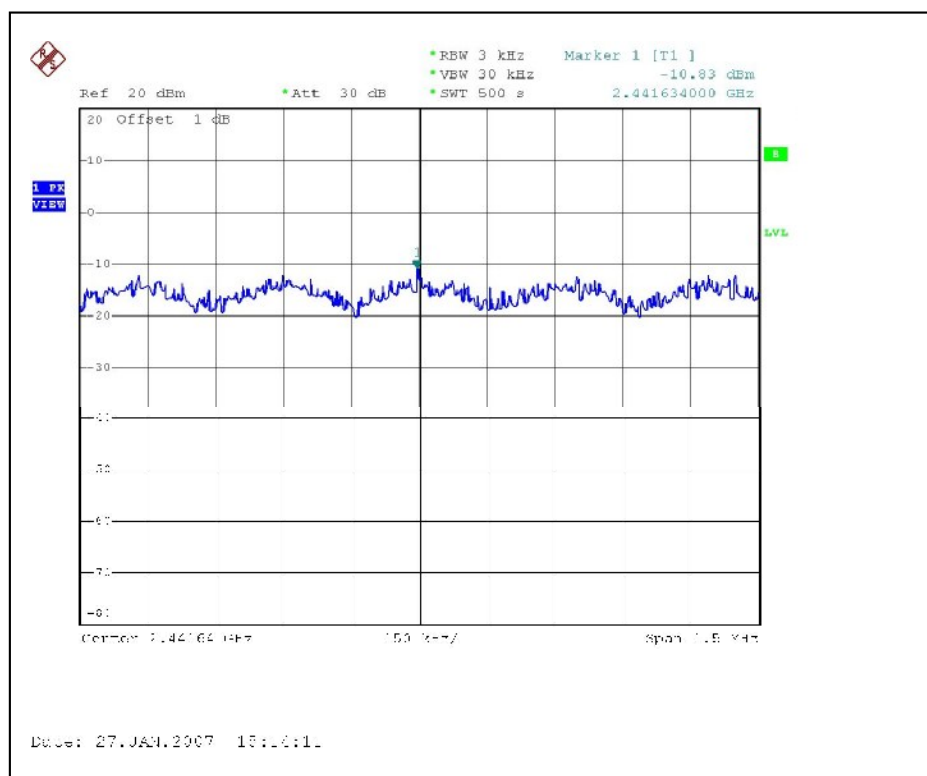
## CH11



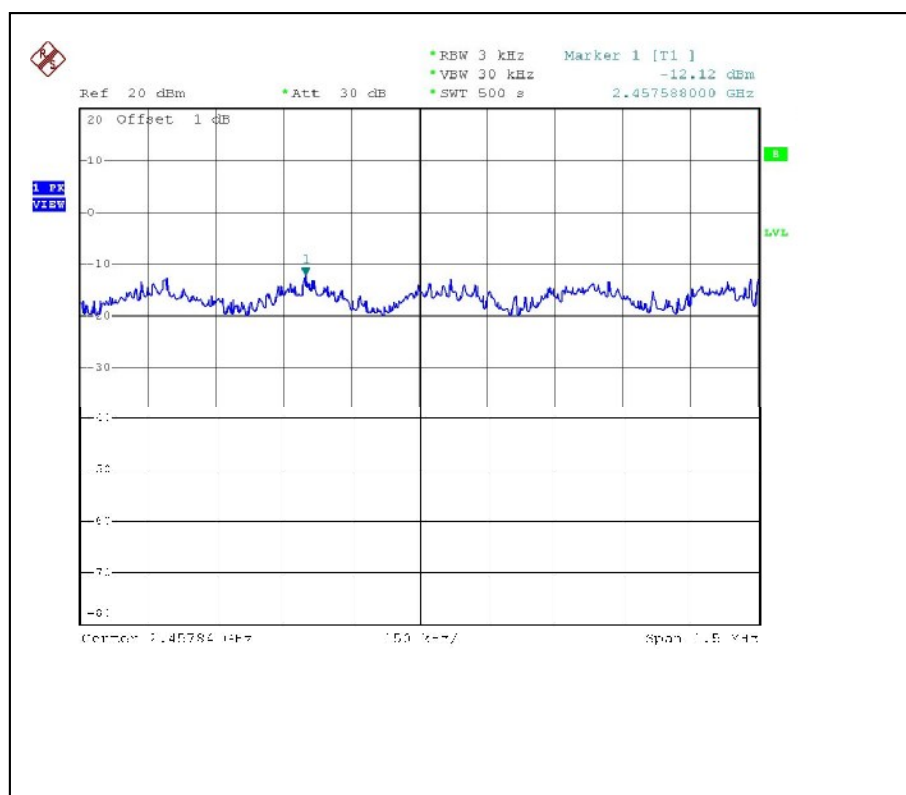
## FOR CHAIN 1: CH1



## CH6



# CH11

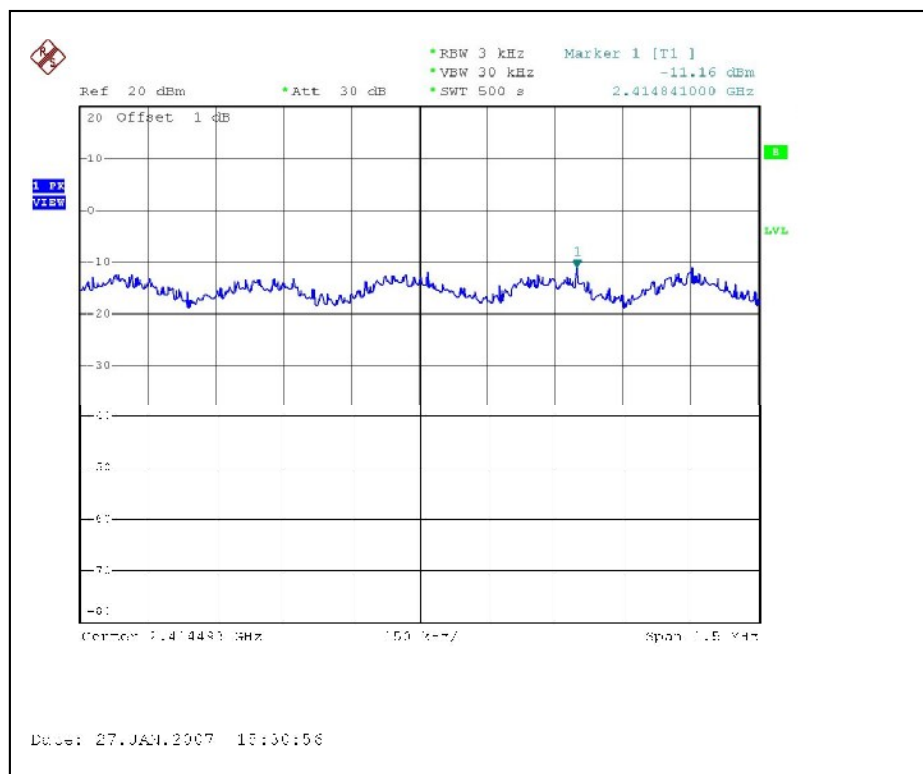


### DRAFT 802.11n (20MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 3)

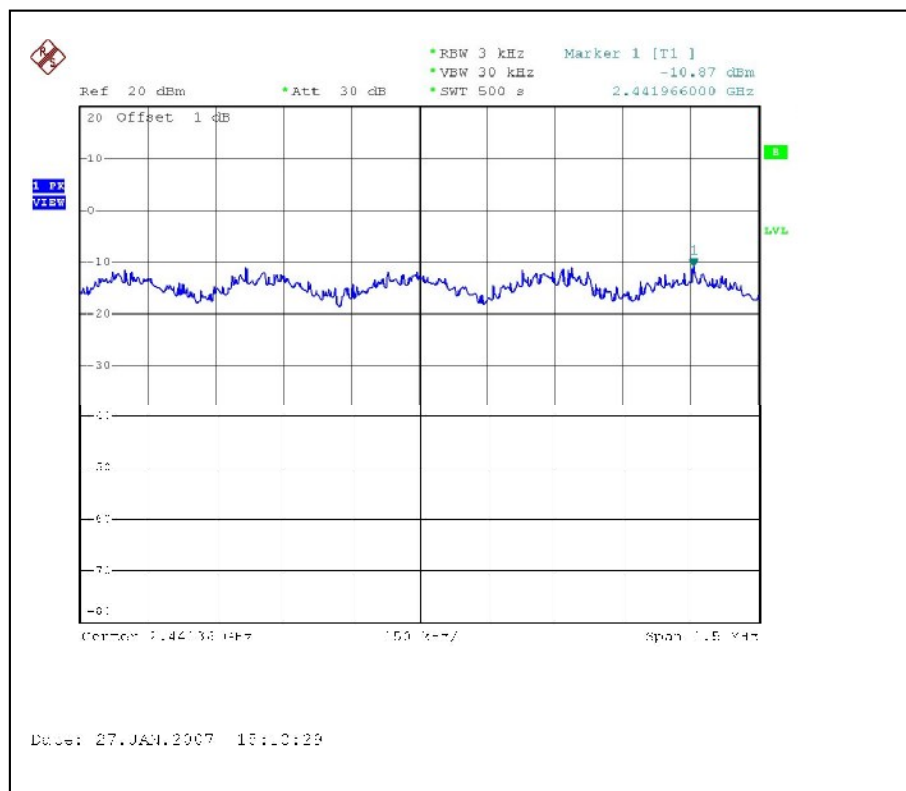
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	6.5Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	18deg.C, 64%RH, 971hPa
<b>TESTED BY</b>	Sky Liao		

CHANNEL	CHANNEL FREQUENCY (MHz )	RF POWER LEVEL IN 3kHz BW (dBm)		MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1		
1	2412	-11.16	-9.67	8	PASS
6	2437	-10.87	-10.15	8	PASS
11	2462	-12.11	-11.06	8	PASS

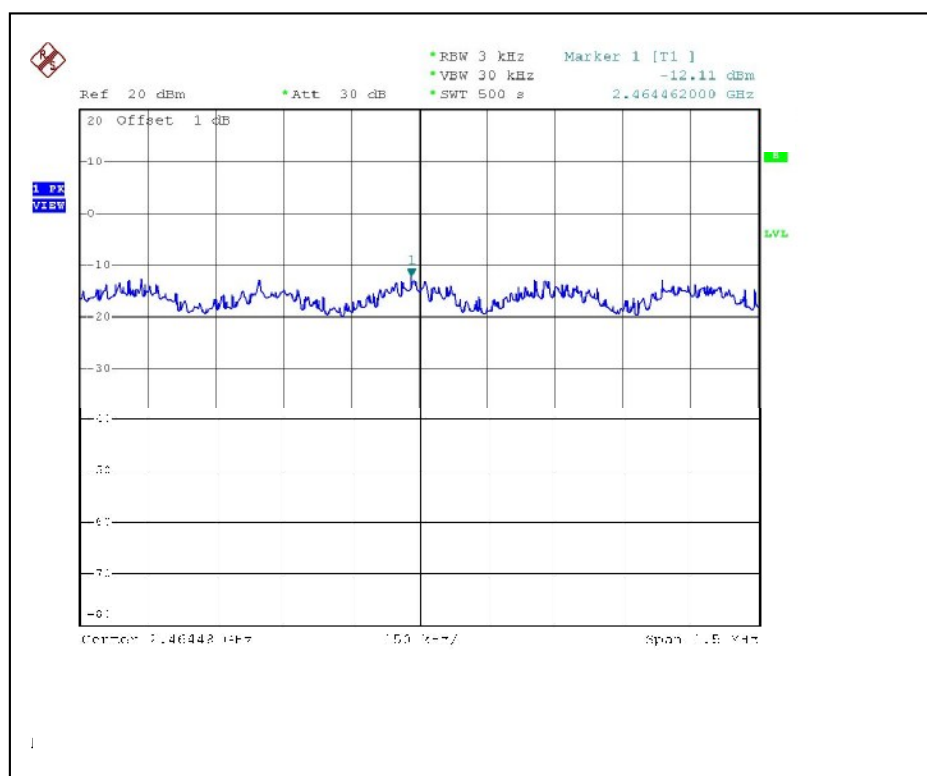
FOR CHAIN 0: CH1



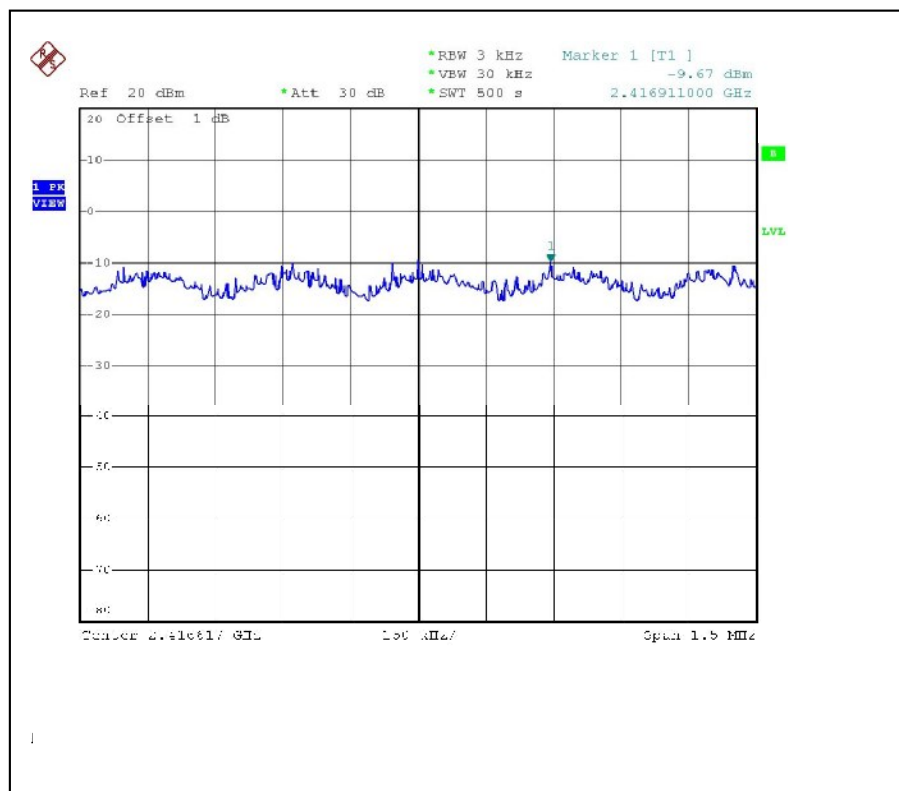
## CH6



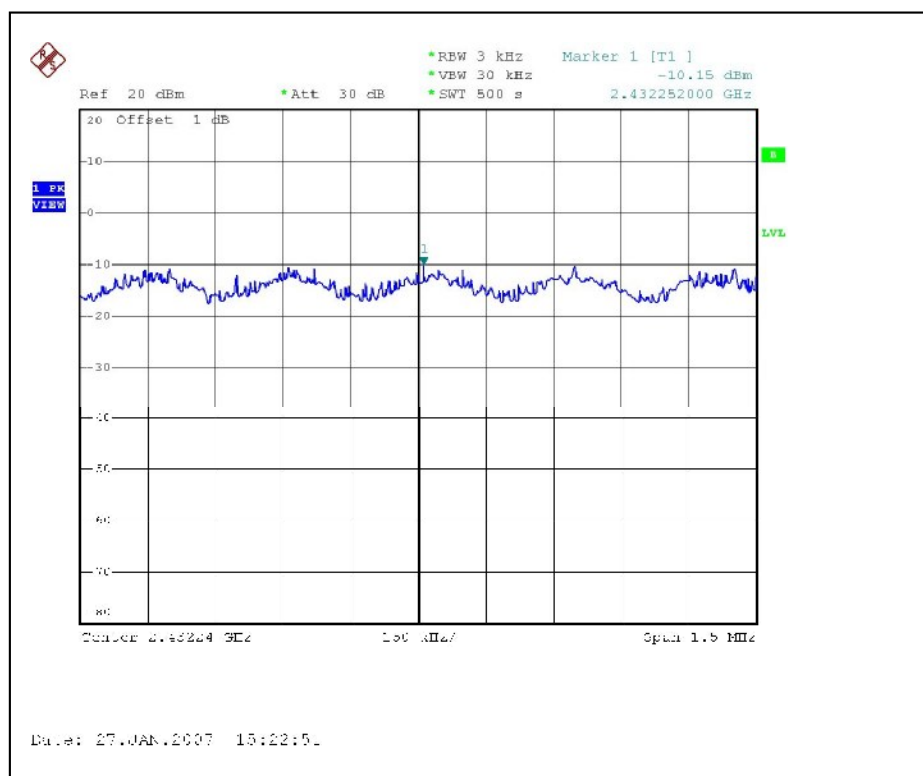
## CH11



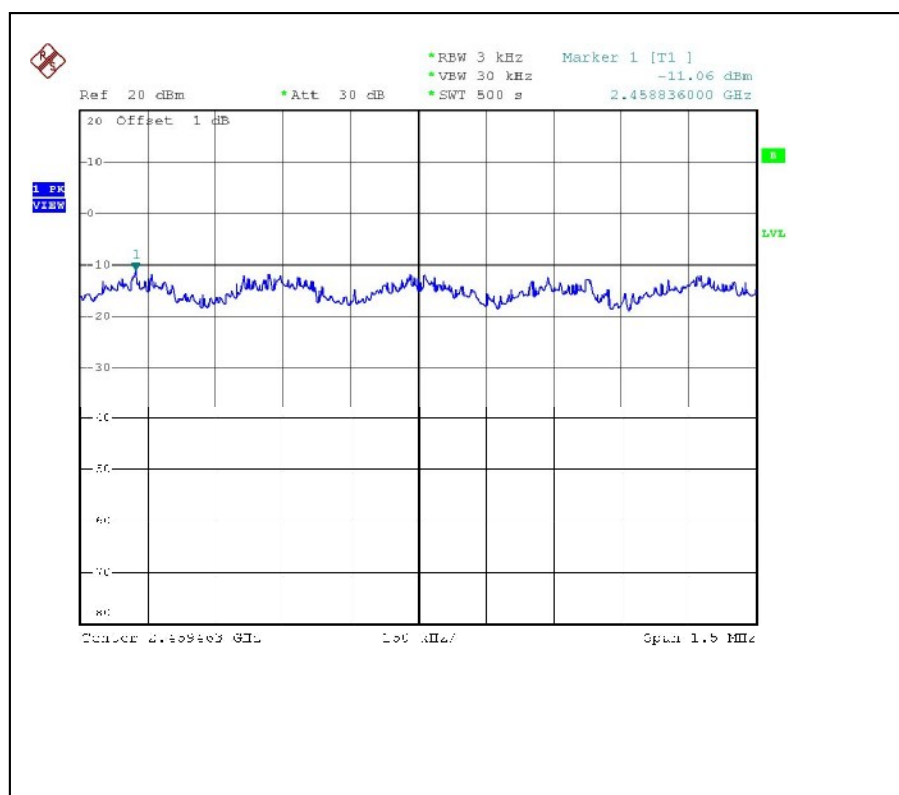
## FOR CHAIN 1: CH1



## CH6



CH11



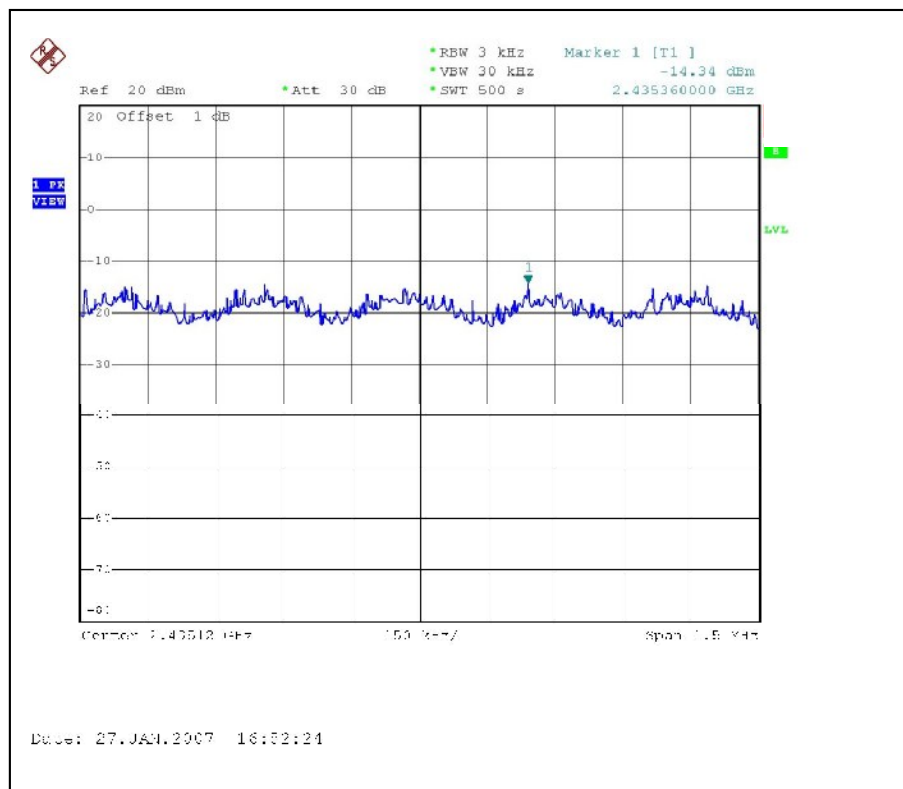


### DRAFT 802.11n (40MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 2)

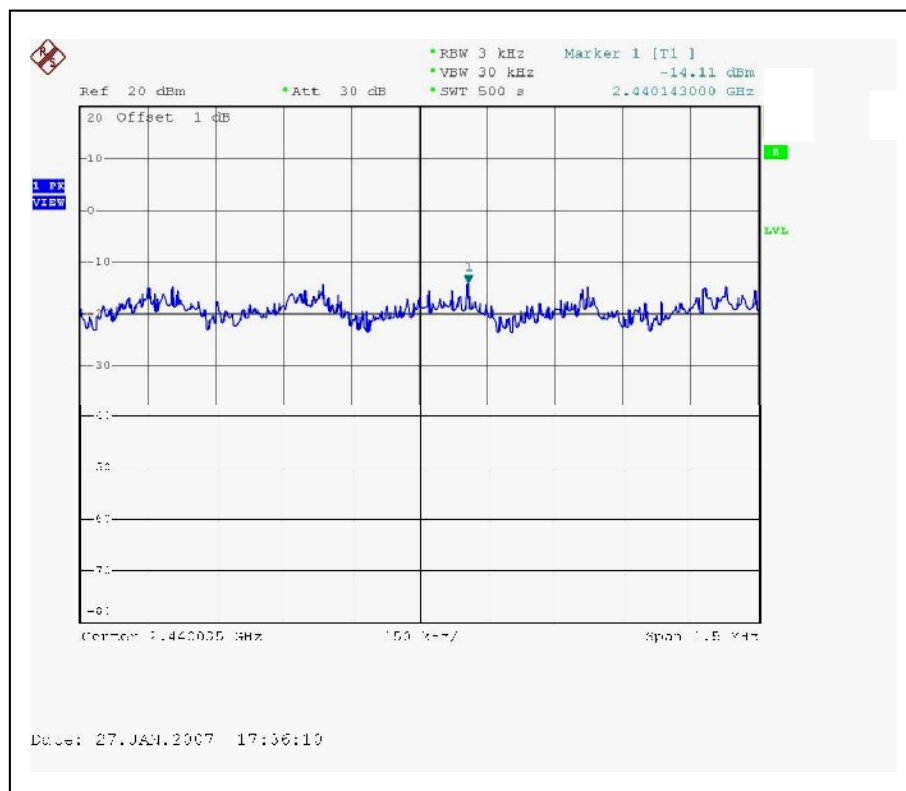
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	13.5Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	18deg.C, 64%RH, 971hPa
<b>TESTED BY</b>	Sky Liao		

CHANNEL	CHANNEL FREQUENCY (MHz )	RF POWER LEVEL IN 3kHz BW (dBm)		MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1		
1	2422	-14.34	-13.83	8	PASS
4	2437	-14.11	-13.78	8	PASS
7	2452	-15.74	-14.67	8	PASS

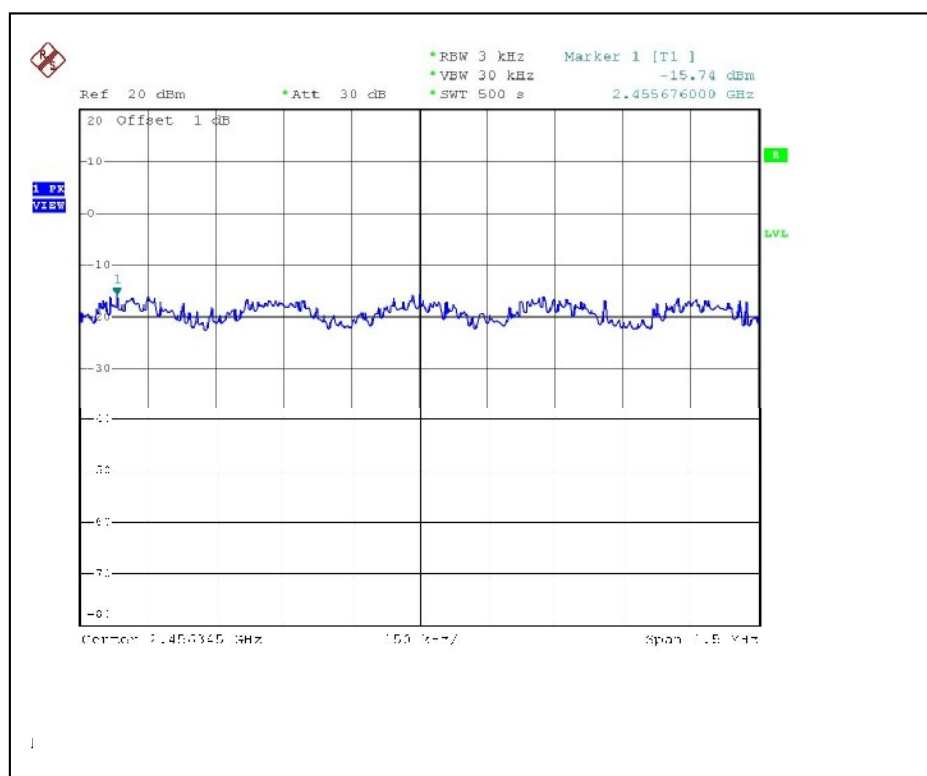
FOR CHAIN 0: CH1



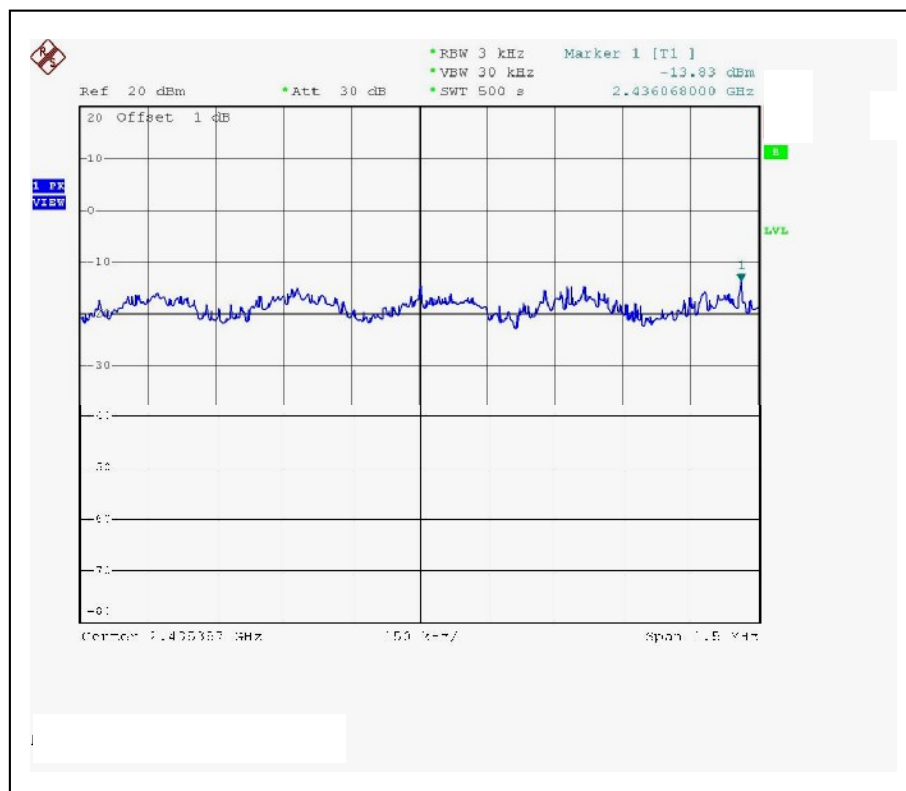
## CH4



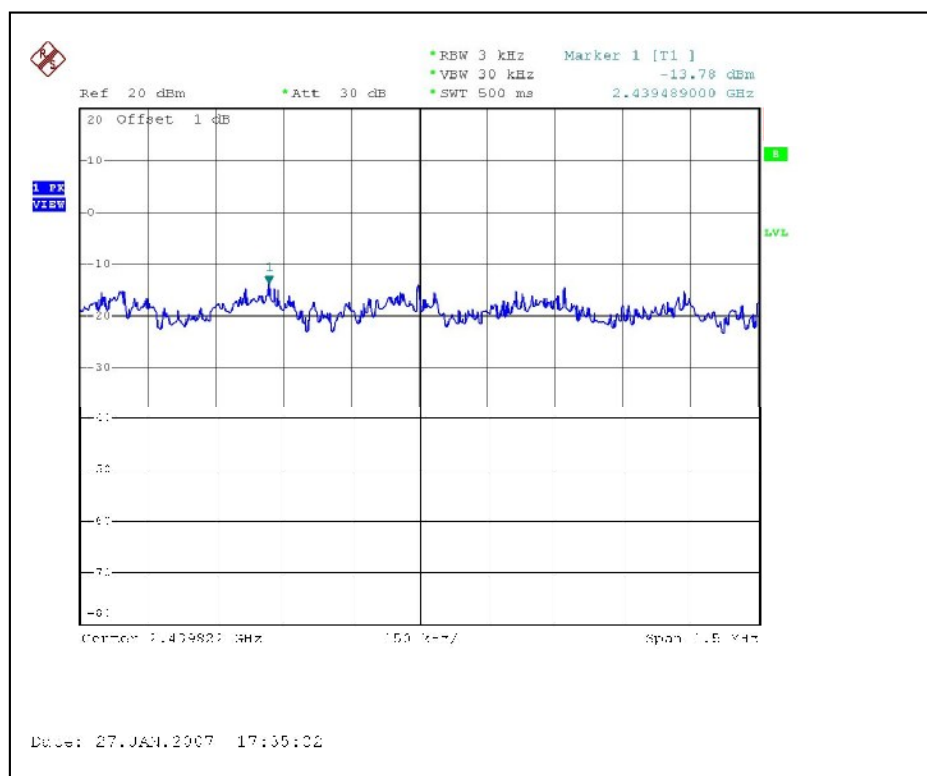
## CH7



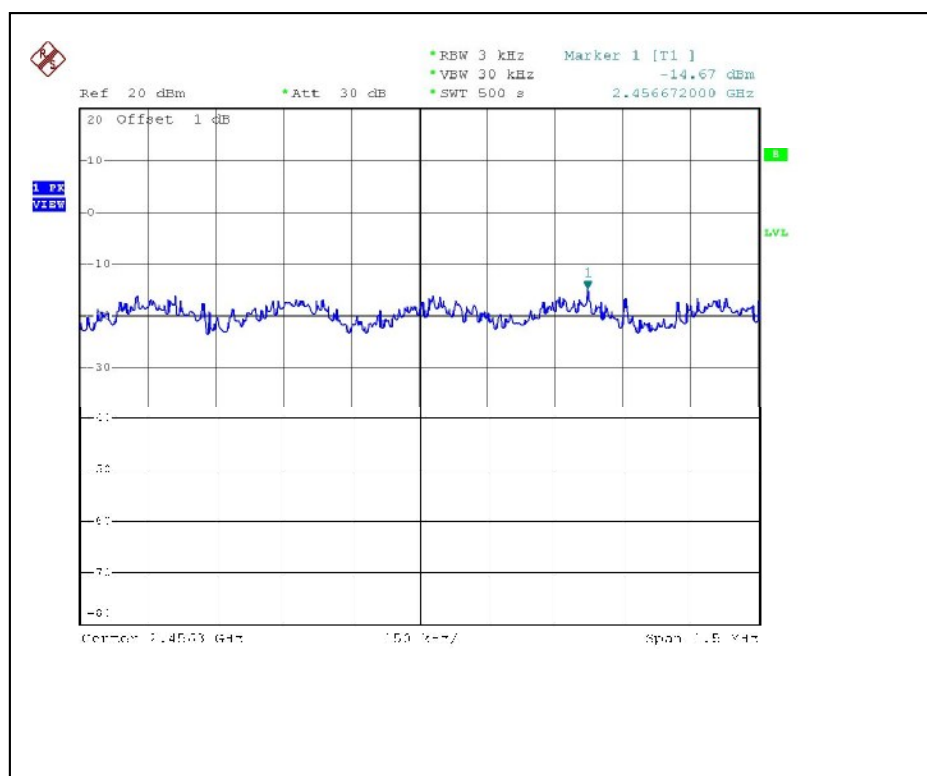
## FOR CHAIN 1: CH1



## CH4



CH7

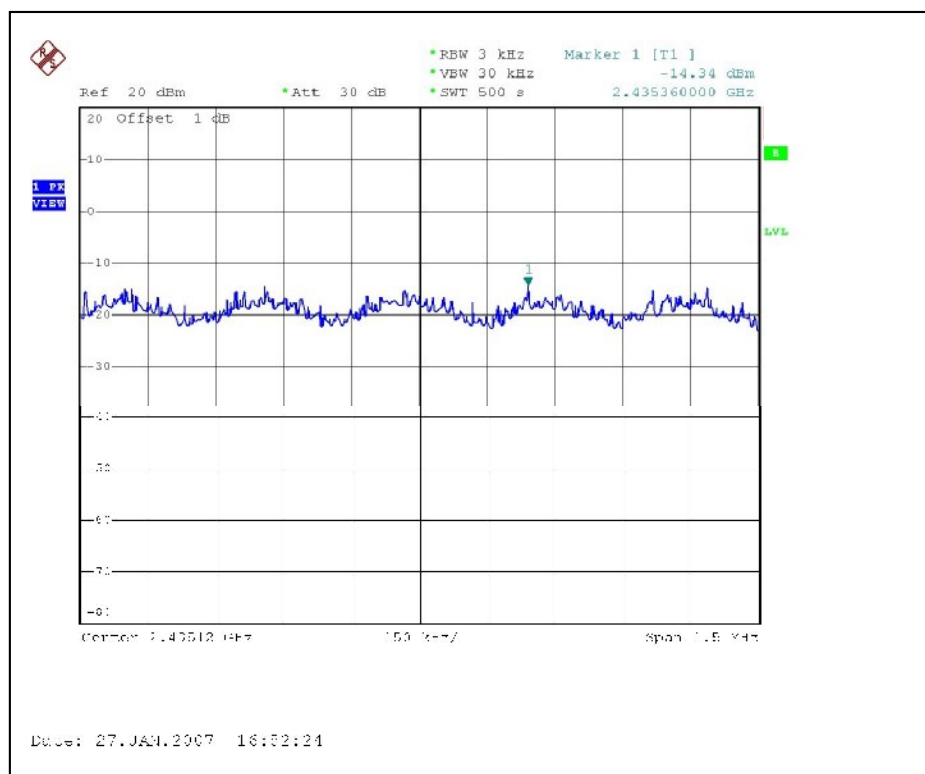


## DRAFT 802.11n (40MHz) OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 3)

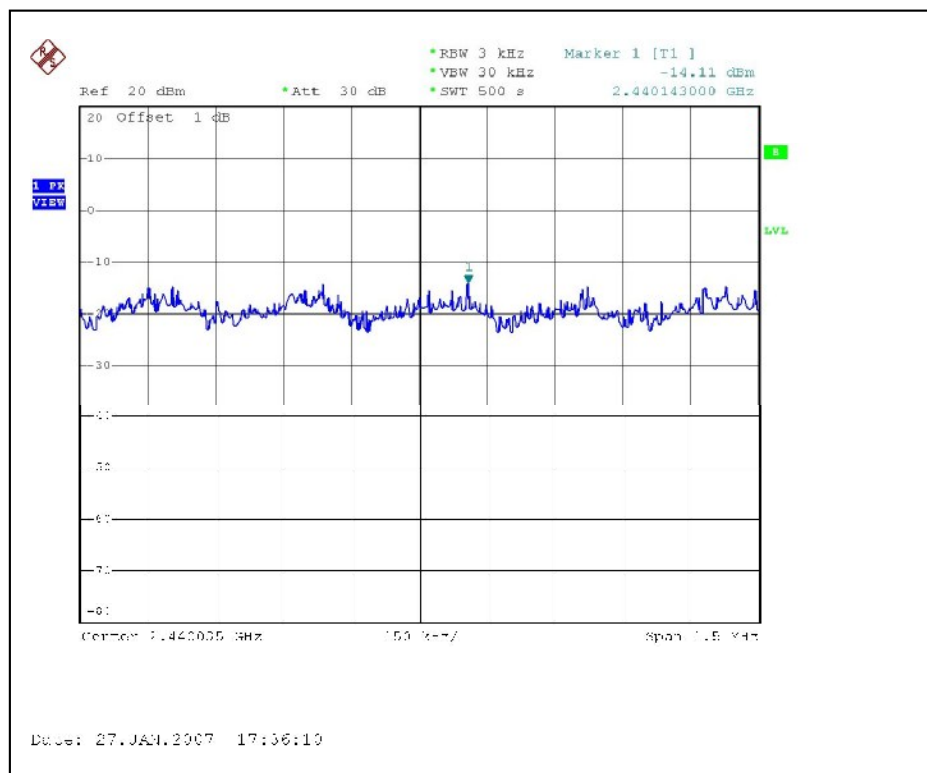
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	13.5Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	18deg.C, 64%RH, 971hPa
<b>TESTED BY</b>	Sky Liao		

CHANNEL	CHANNEL FREQUENCY (MHz )	RF POWER LEVEL IN 3kHz BW (dBm)		MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1		
1	2422	-14.34	-13.16	8	PASS
4	2437	-14.11	-13.97	8	PASS
7	2452	-15.74	-15.19	8	PASS

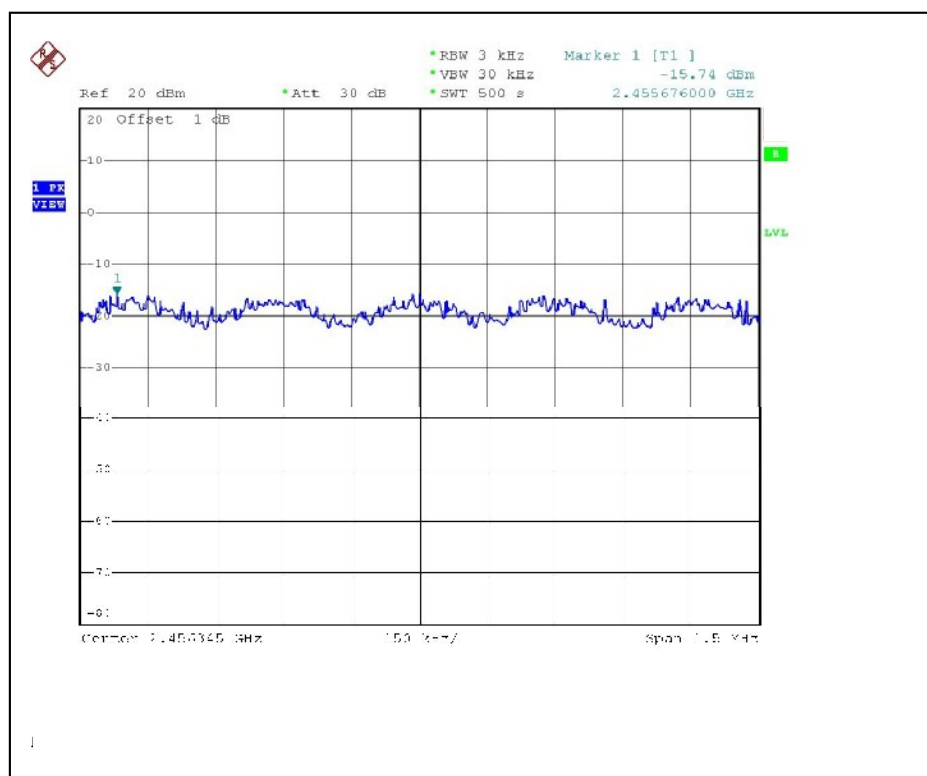
FOR CHAIN 0: CH1



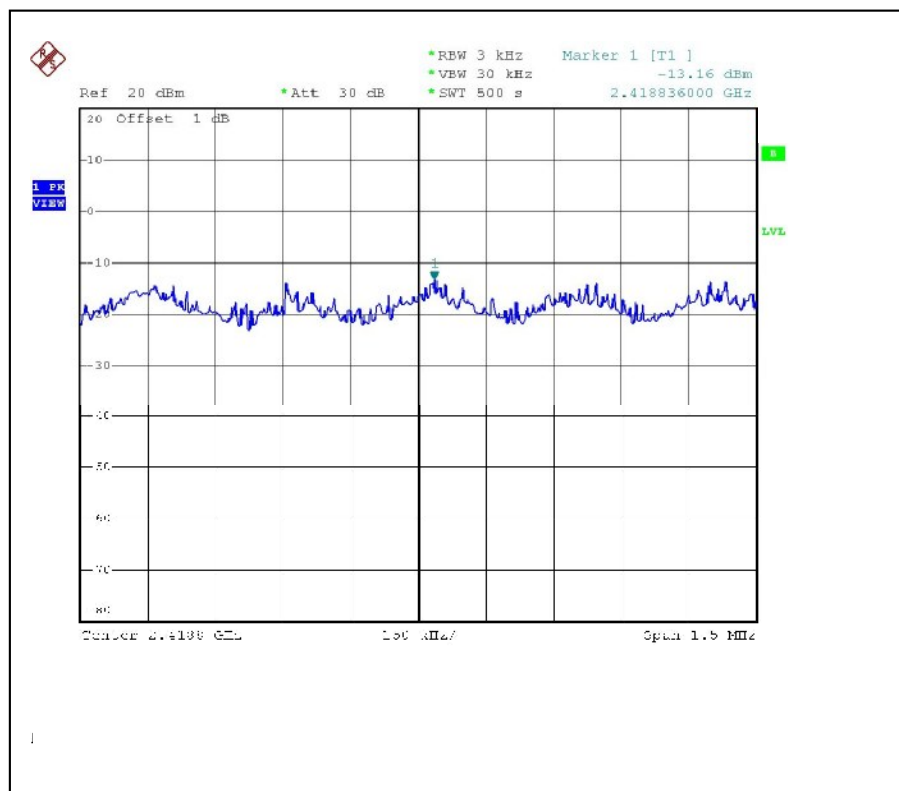
## CH4



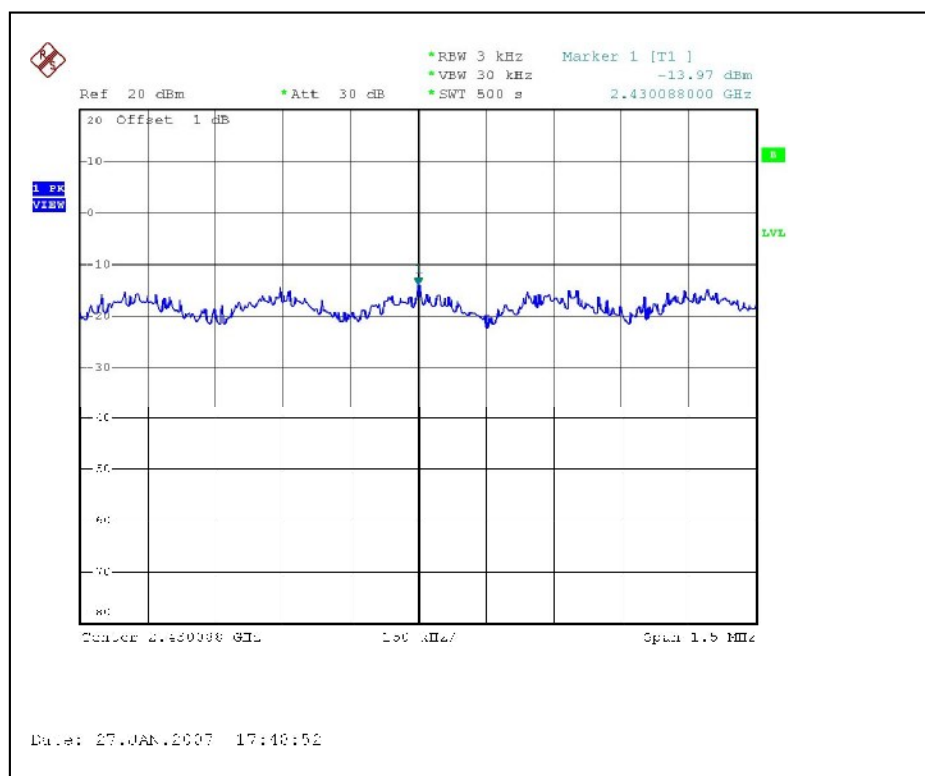
## CH7



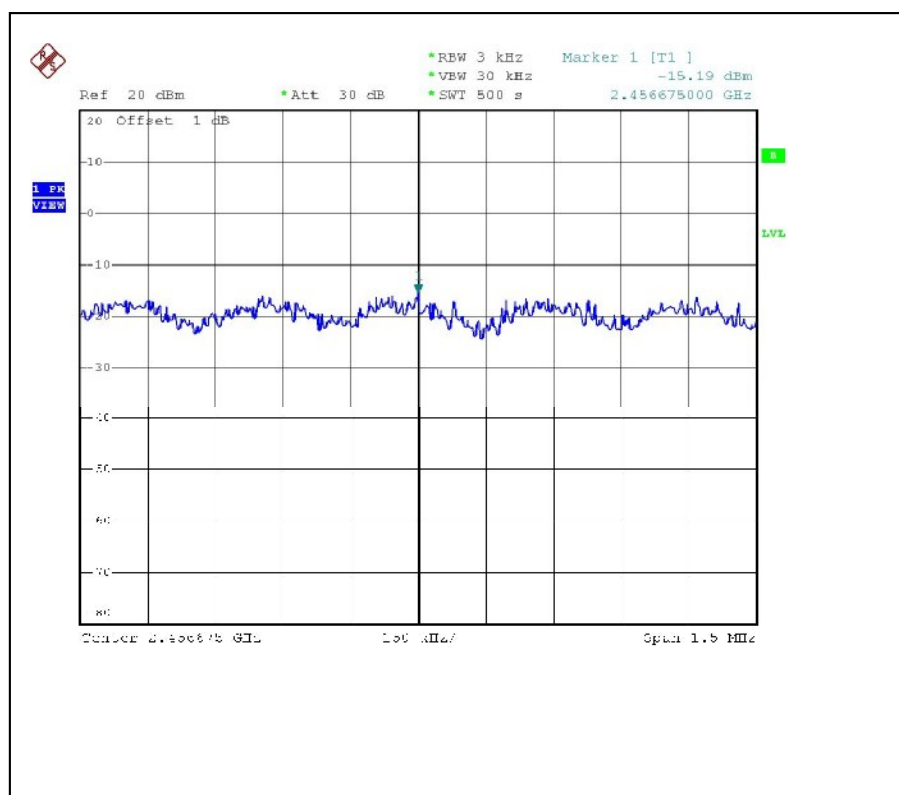
## FOR CHAIN 1: CH1



## CH4



CH7





## 4.6 CONDUCTED EMISSION AND BAND EDGES MEASUREMENT

### 4.6.1 LIMITS OF CONDUCTED EMISSION AND BAND EDGES MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

### 4.6.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP40	100036	Dec. 22, 2007

**NOTE:**

- 1.The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
- 2.The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

### 4.6.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low loss cable. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100 MHz bandwidth from band edge. The band edges was measured and recorded.

The spectrum plots (RBW = VBW = 100kHz) are attached on the following pages.

#### 4.6.4 DEVIATION FROM TEST STANDARD

No deviation

#### 4.6.5 EUT OPERATING CONDITION

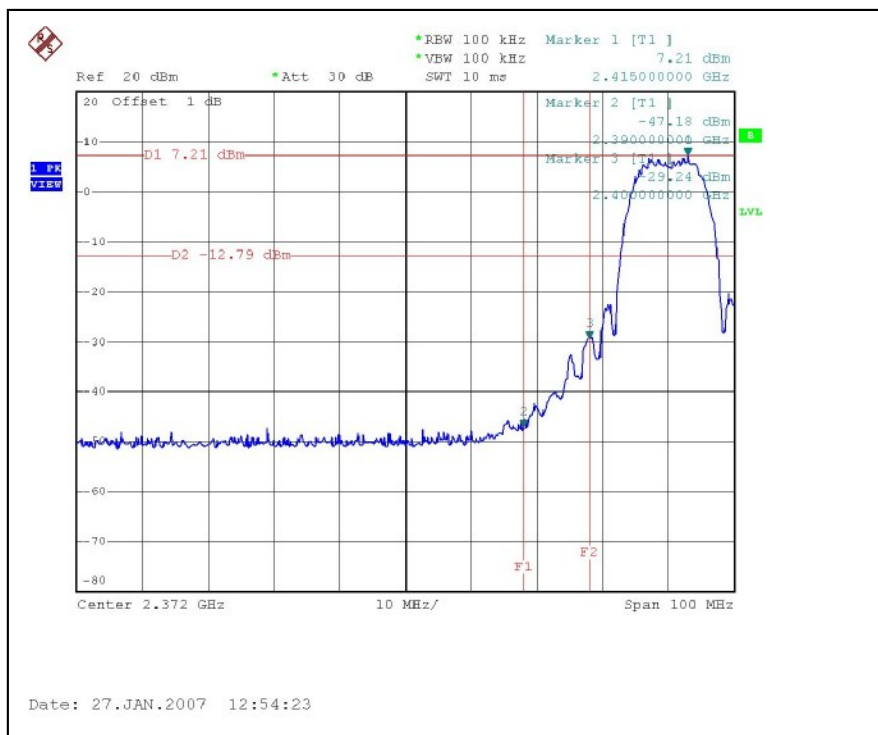
Same as Item 4.3.6

#### 4.6.6 TEST RESULTS

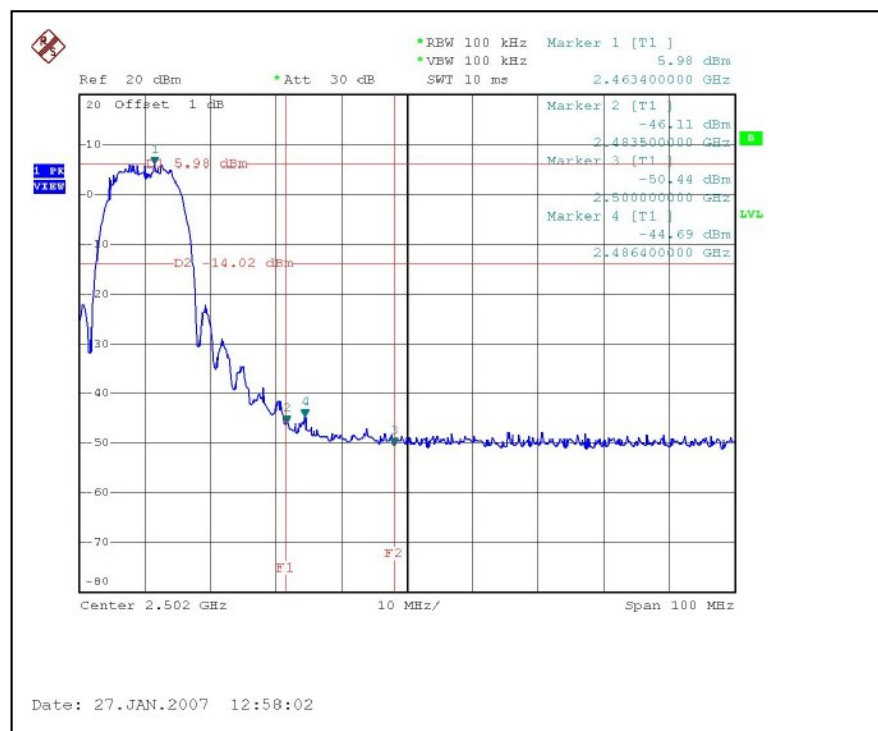
The spectrum plots are attached on the following 12 images. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement in part 15.247(d).

## 802.11b DSSS MODULATION:

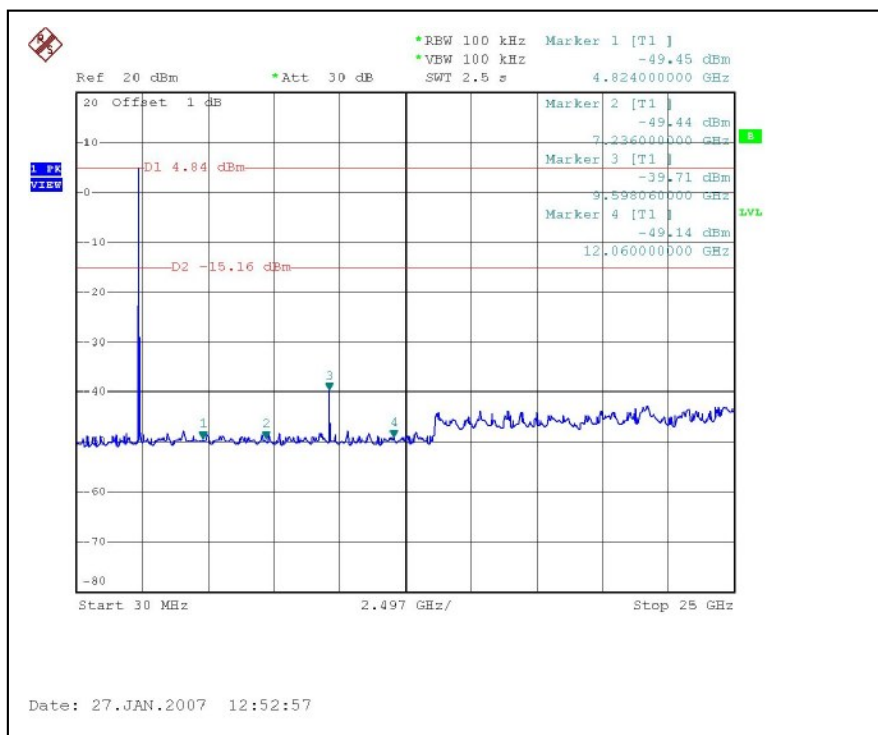
CH1



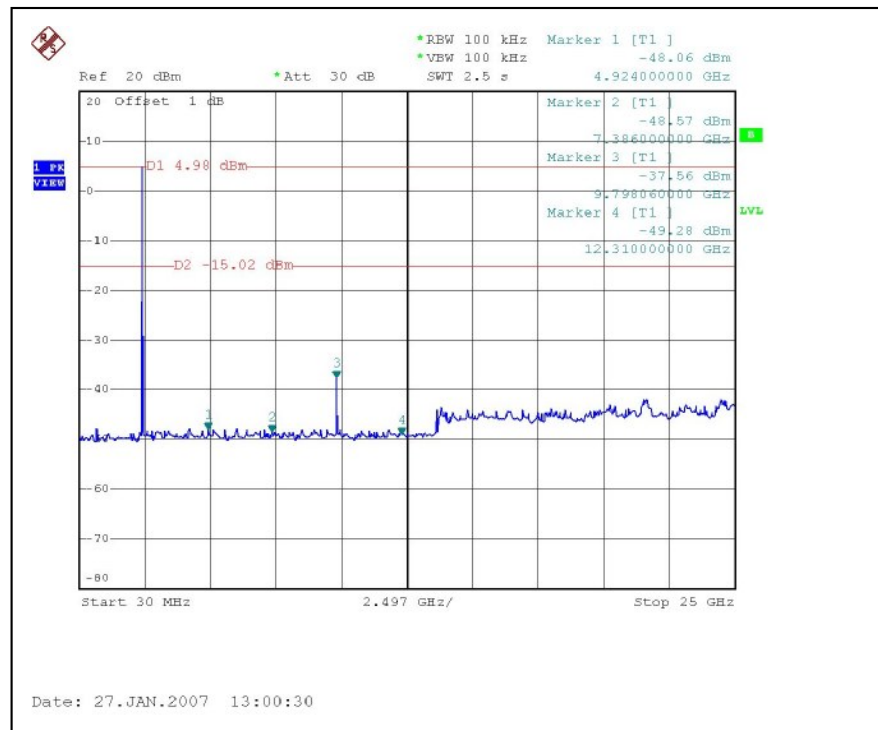
CH11



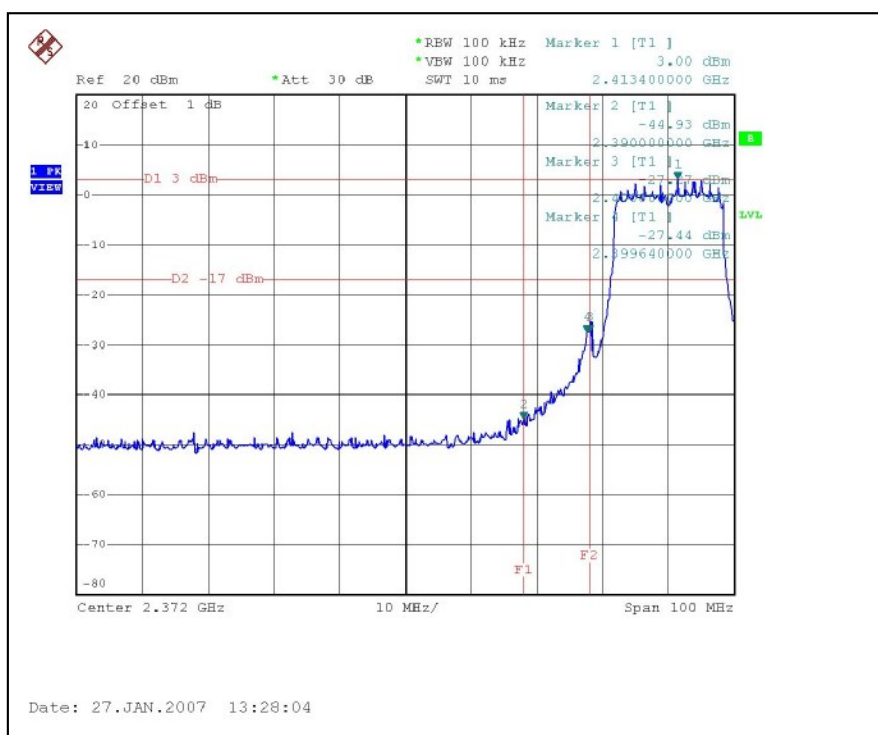
# CH1



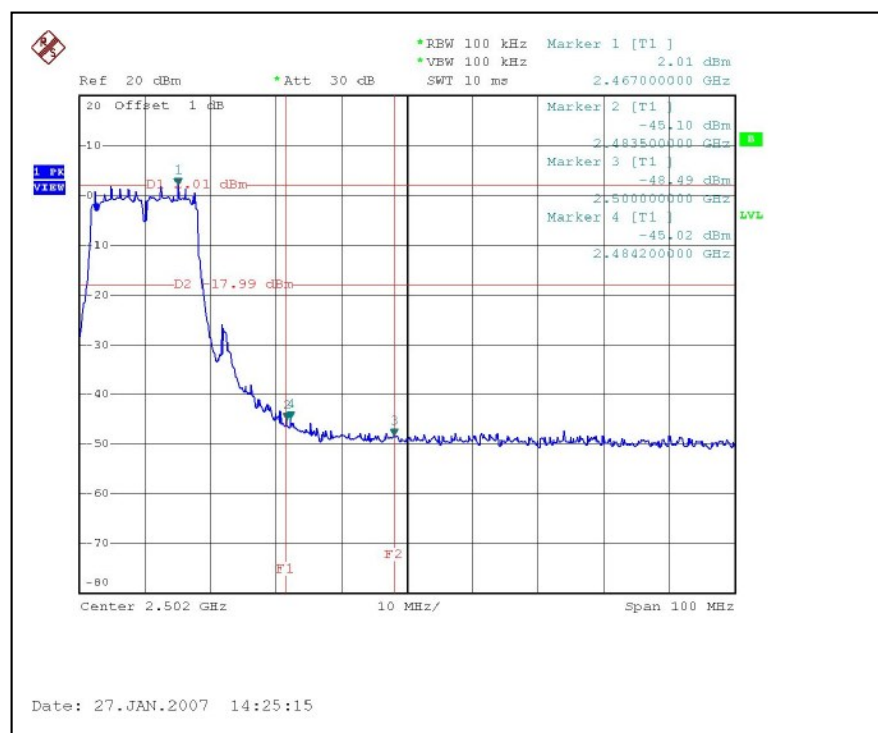
# CH11



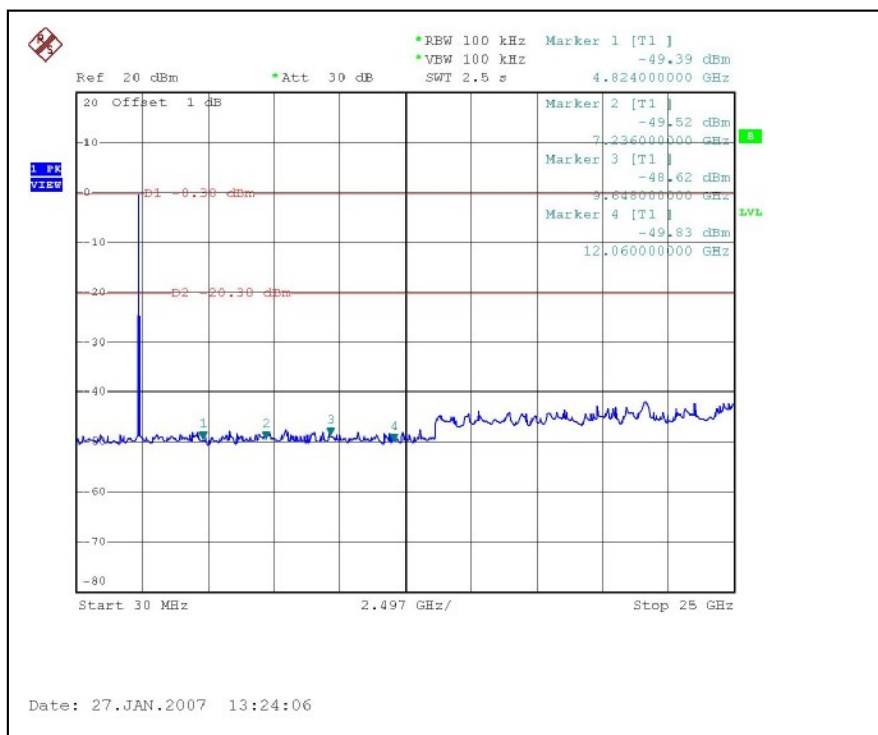
## 802.11g OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 2) FOR CHAIN 0:CH 1



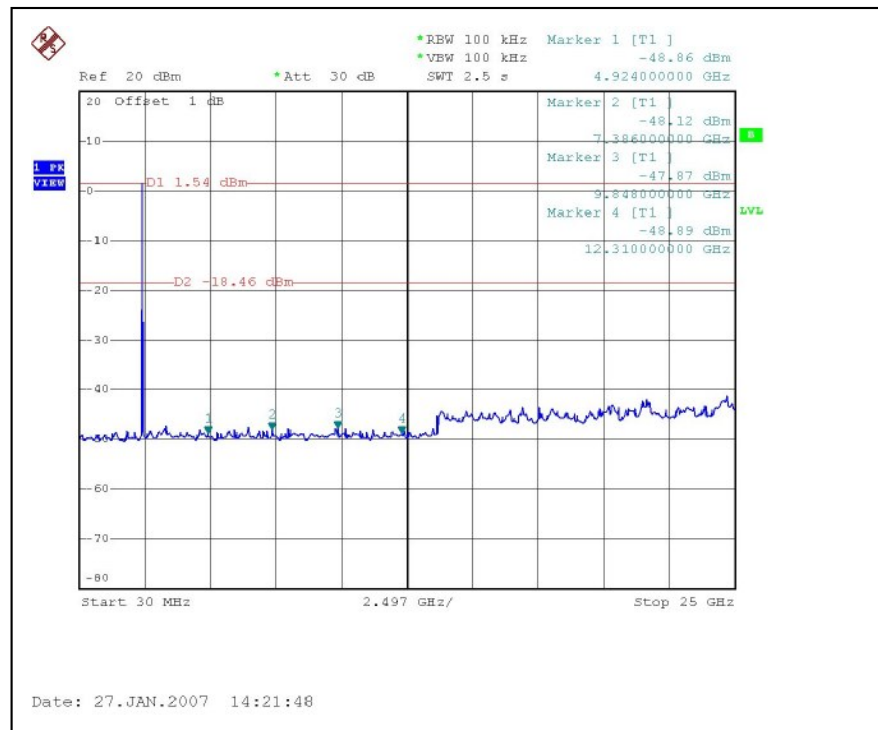
CH11



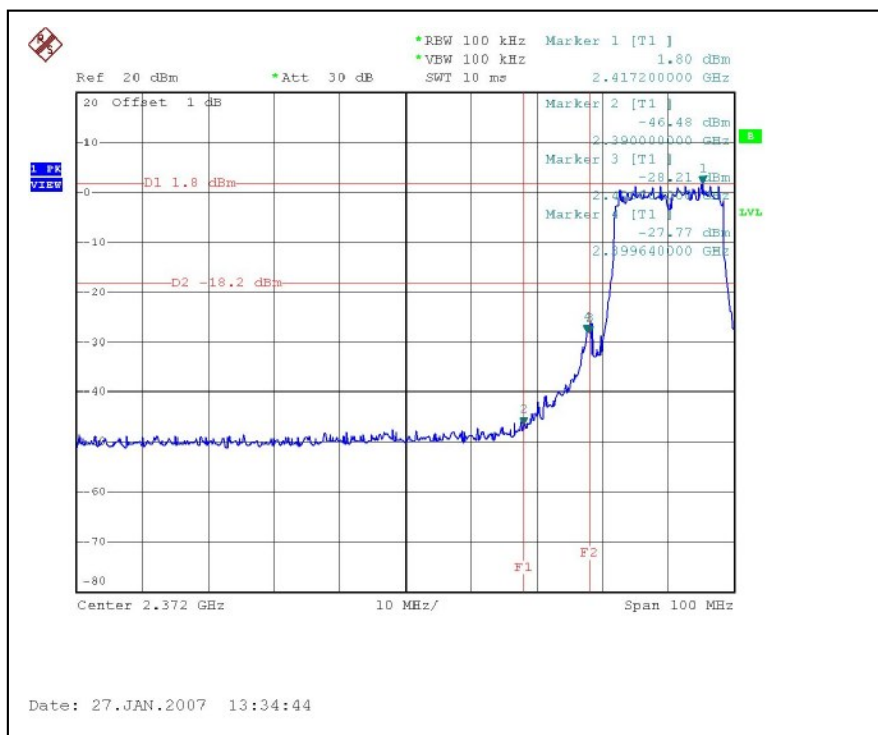
## CH1



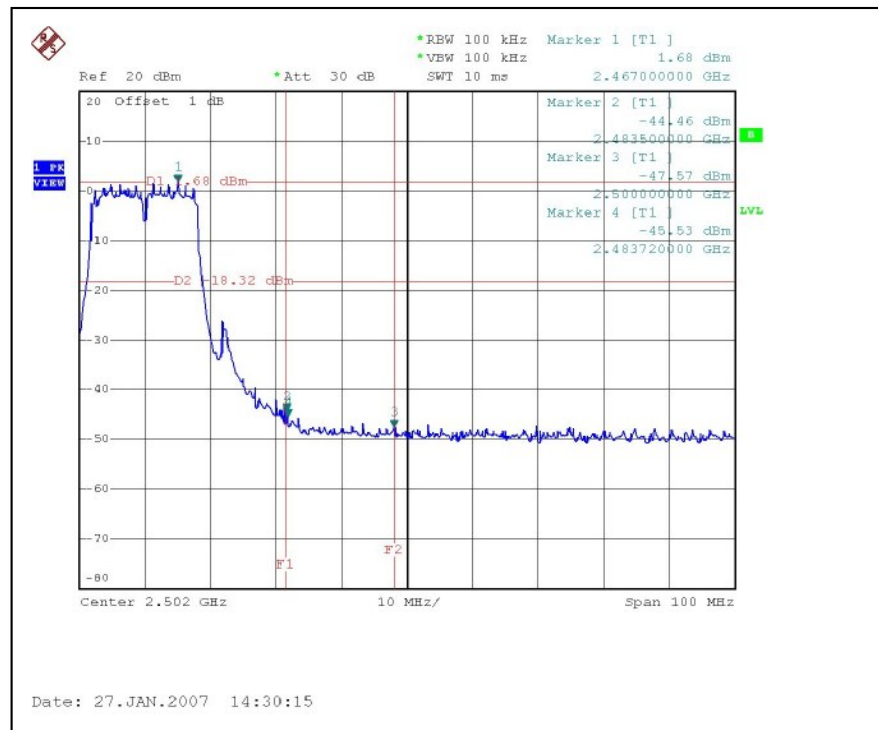
## CH11



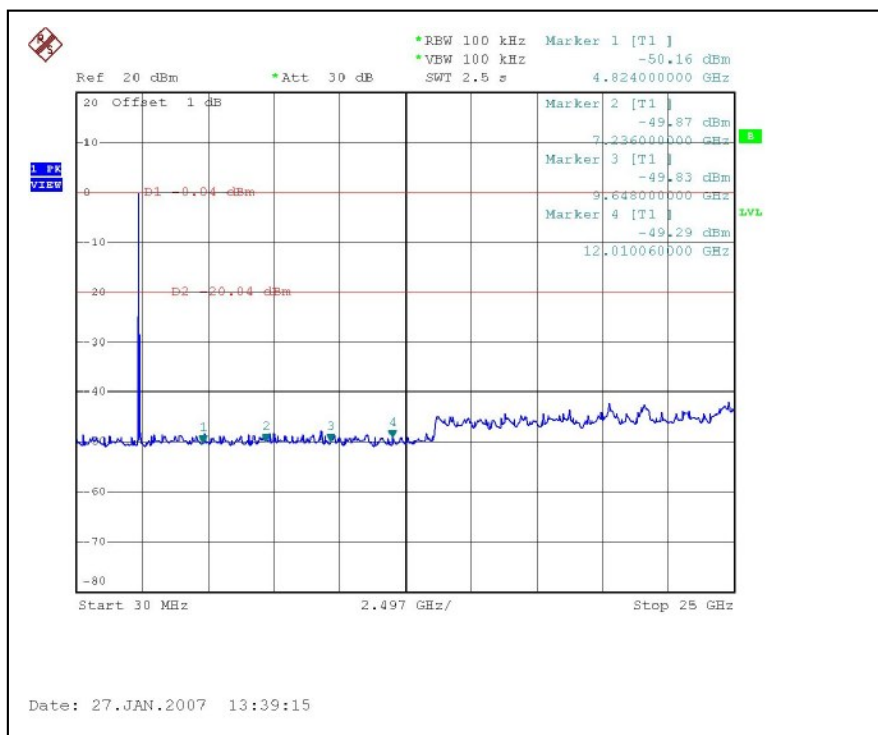
## FOR CHAIN 1:CH 1



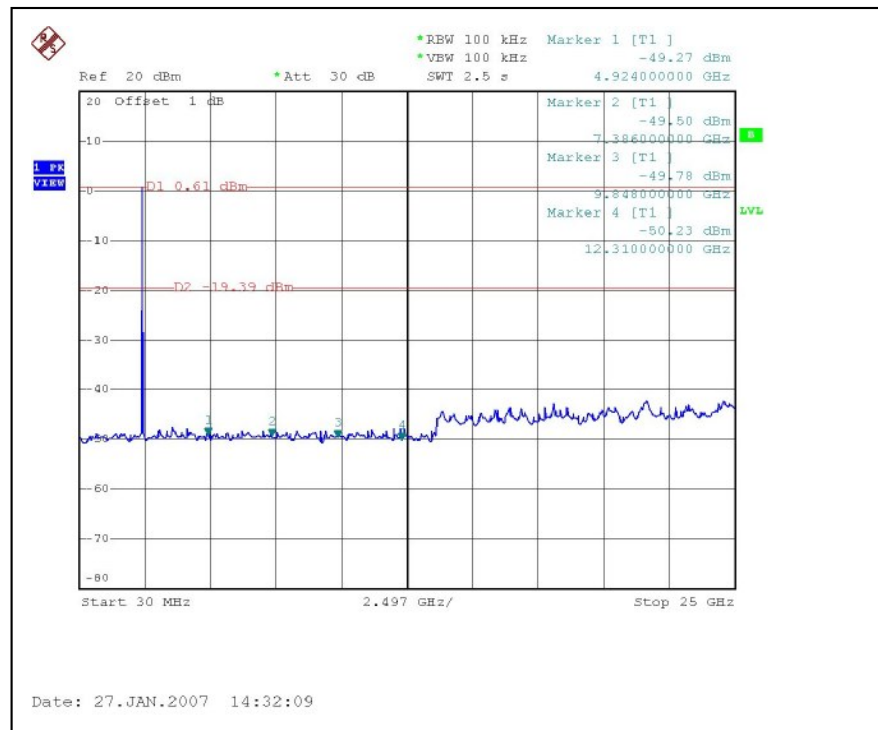
## CH11



# CH1

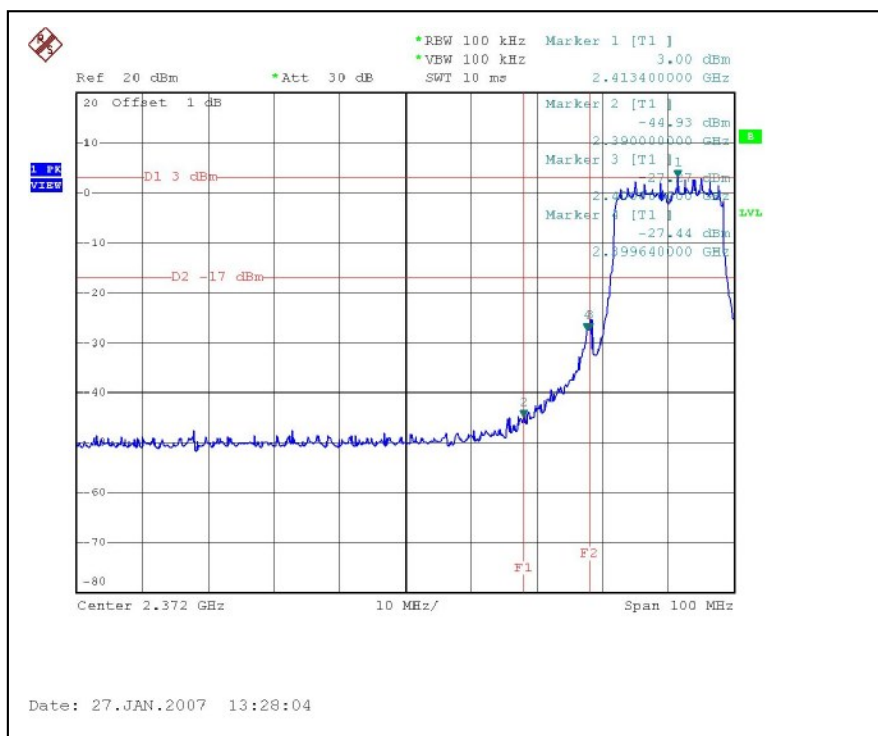


# CH11





## 802.11g OFDM MODULATION / DUAL TX: (ANTENNA 1 AND 3) FOR CHAIN 0:CH 1



CH11

