



## 4.3.8 TEST RESULTS (Mode 2)

**802.11a OFDM modulation**

<b>EUT</b>	Bridging kit - 802.11a	<b>MODEL</b>	WL-464
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	6Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	24deg.C, 62%RH, 960hPa
<b>TESTED BY</b>	Rex Huang		

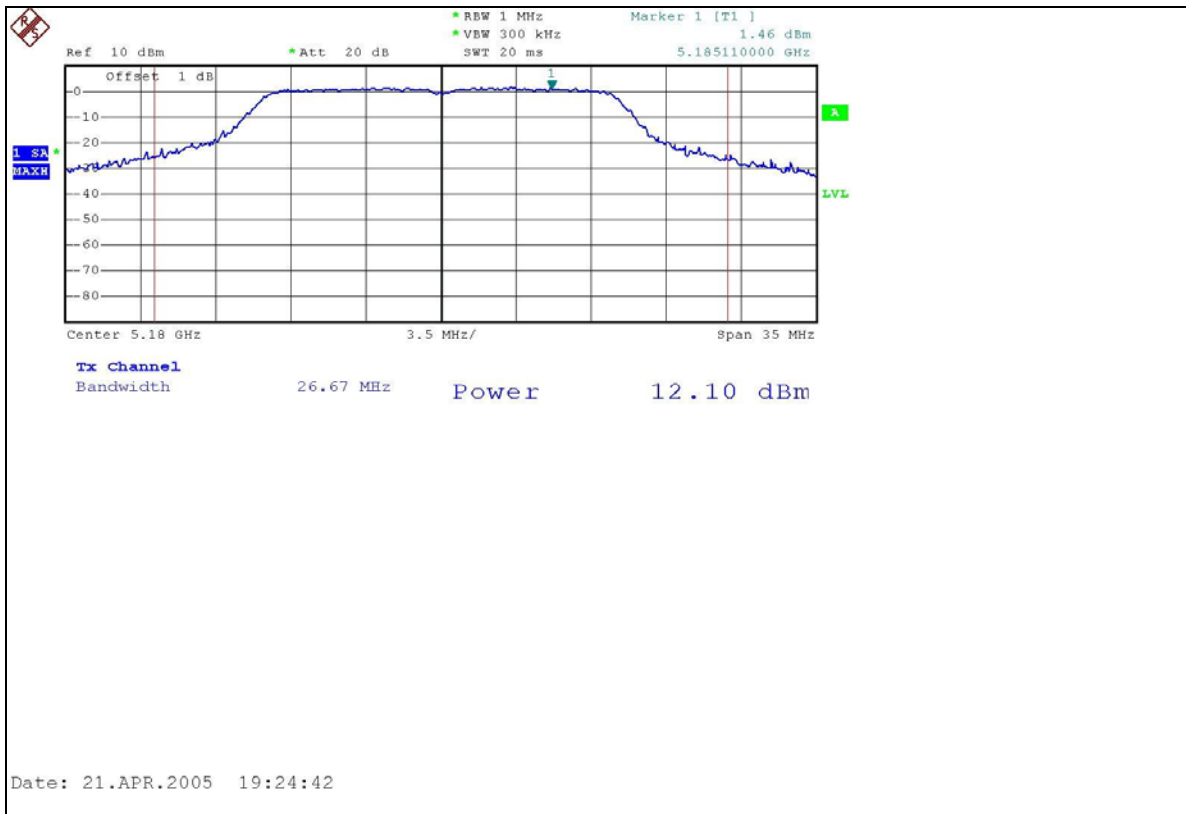
Antenna 2 (Gain : 10 dBi) +Cable loss (1.2dB)

<b>CHANNEL</b>	<b>CHANNEL FREQUENCY (MHz)</b>	<b>PEAK POWER OUTPUT (dBm)</b>	<b>PEAK POWER LIMIT (dBm)</b>	<b>26dBc Occupied Bandwidth (MHz)</b>	<b>PASS/FAIL</b>
1	5180	12.10	14.2	26.67	PASS
4	5240	12.19	14.2	27.09	PASS
5	5260	19.10	21.2	37.33	PASS
8	5320	18.52	21.2	33.32	PASS

**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.



### Peak Power Output: CH1

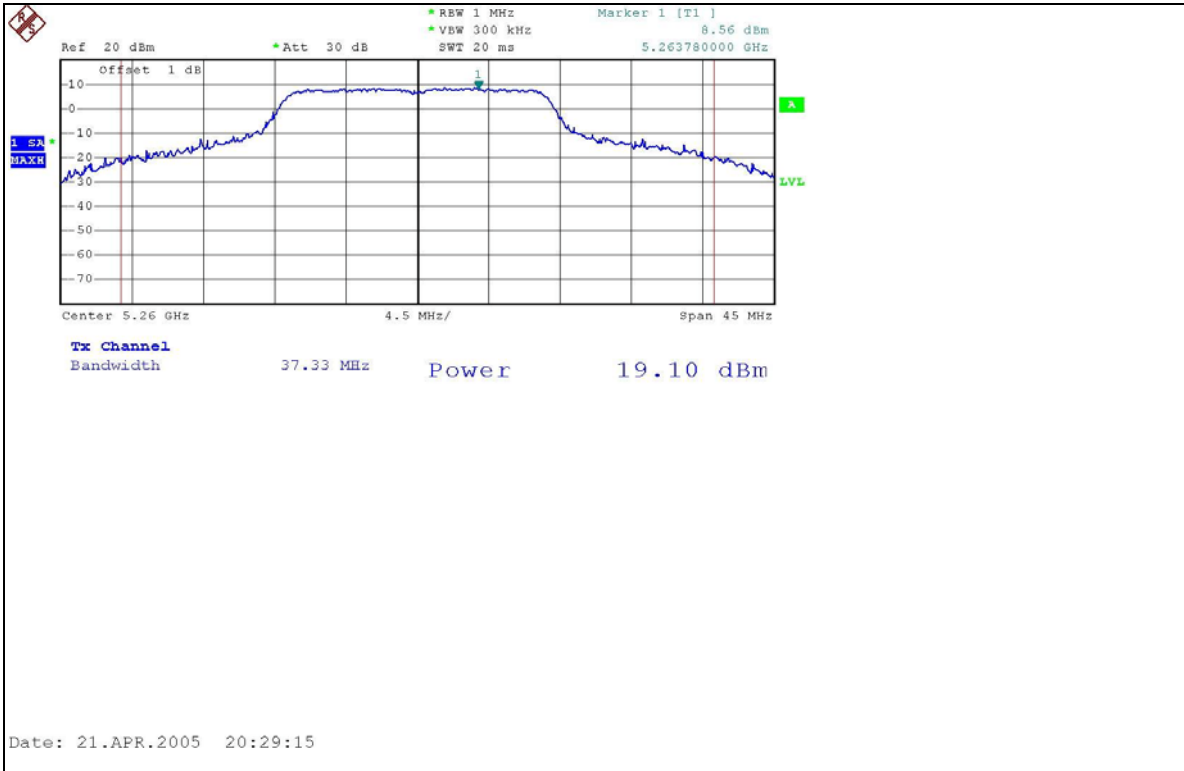


### CH4

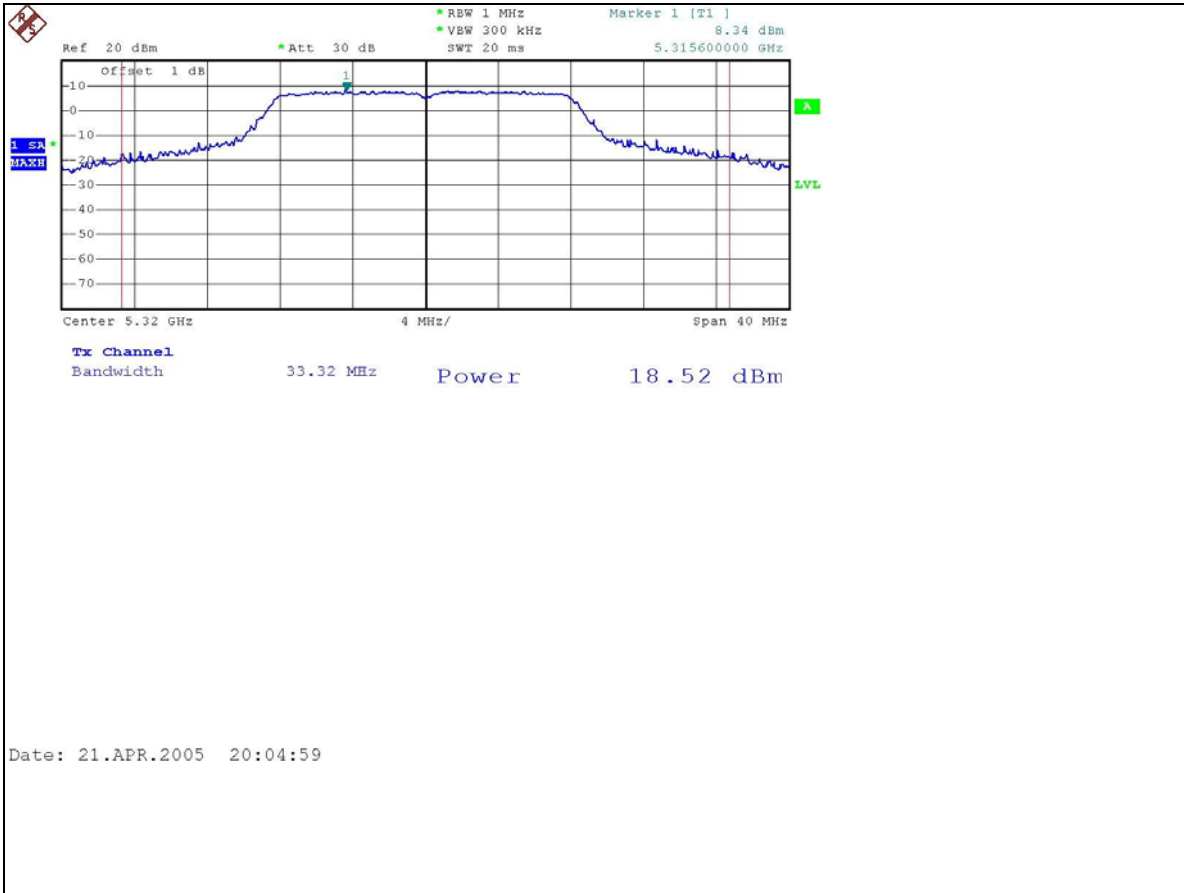




### CH5

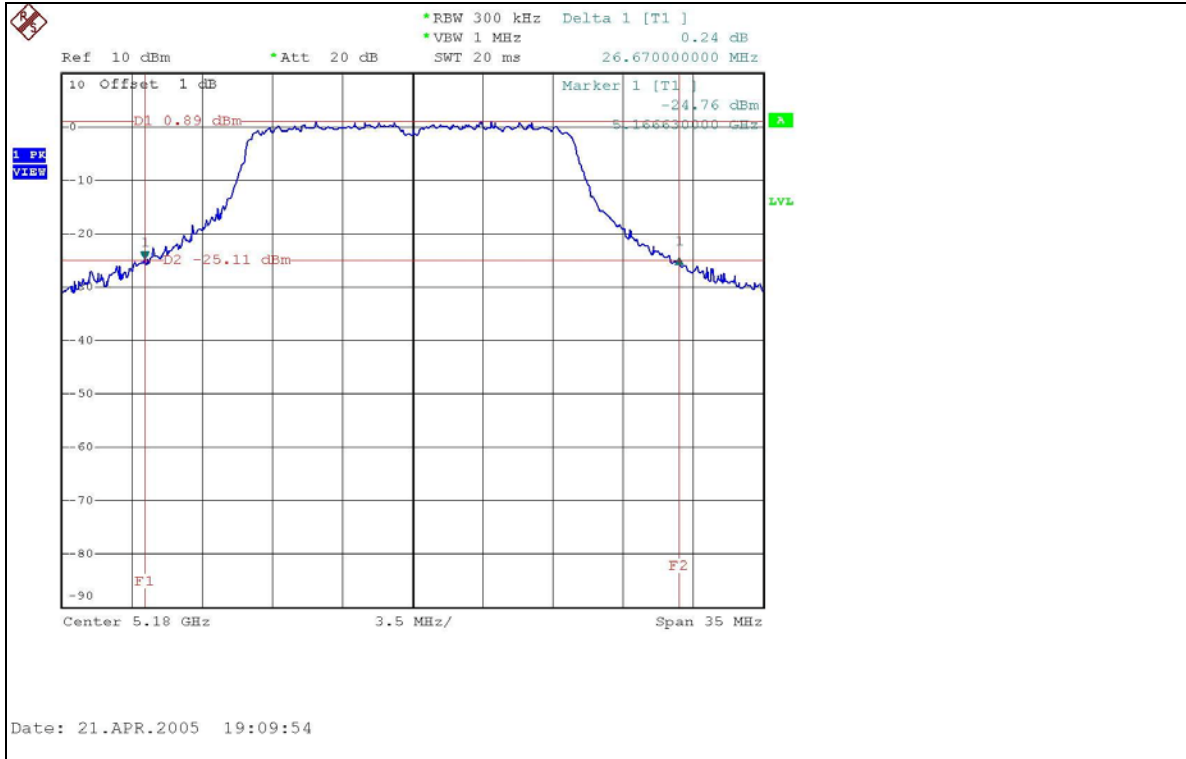


### CH8

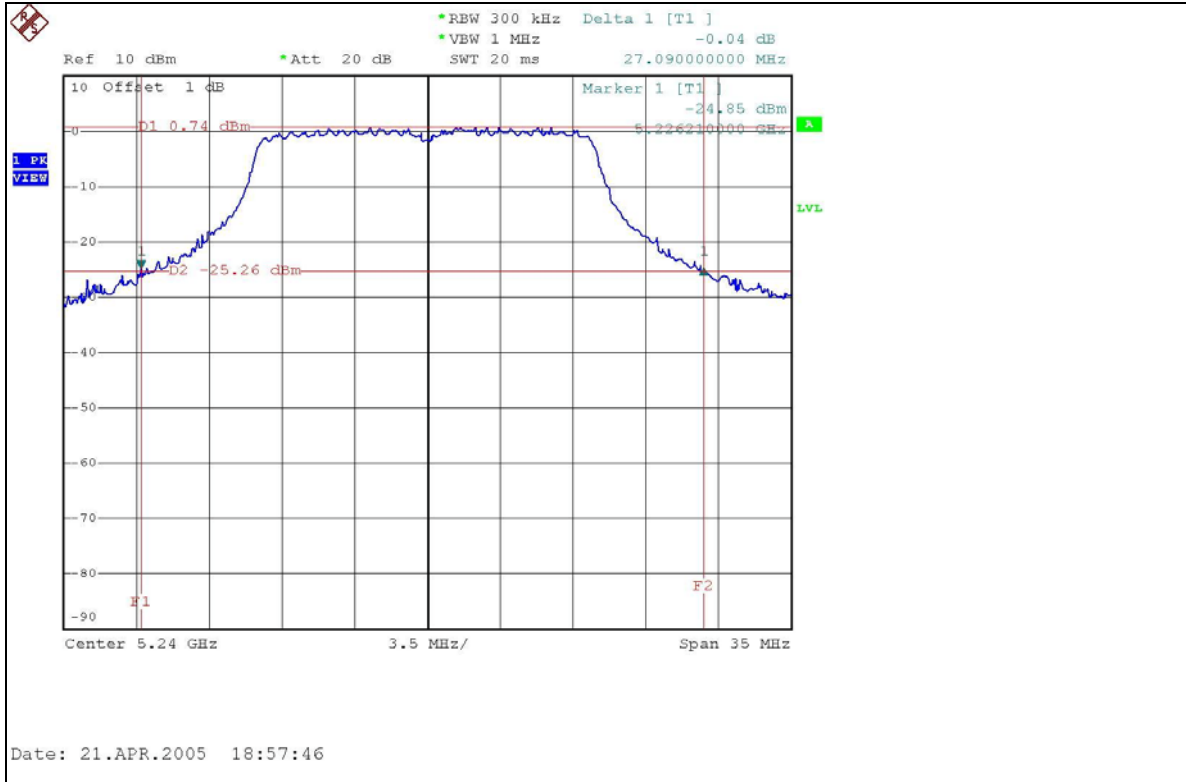




### 26dB Occupied Bandwidth: CH1

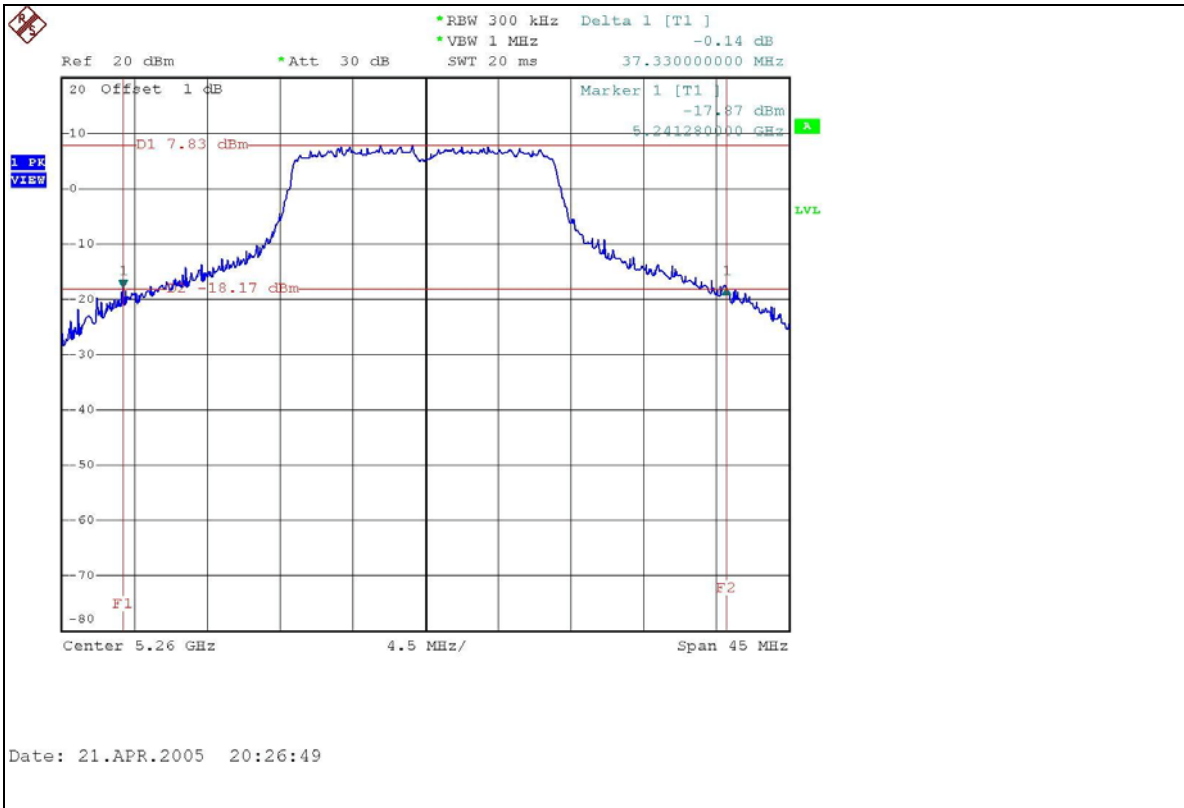


### CH4

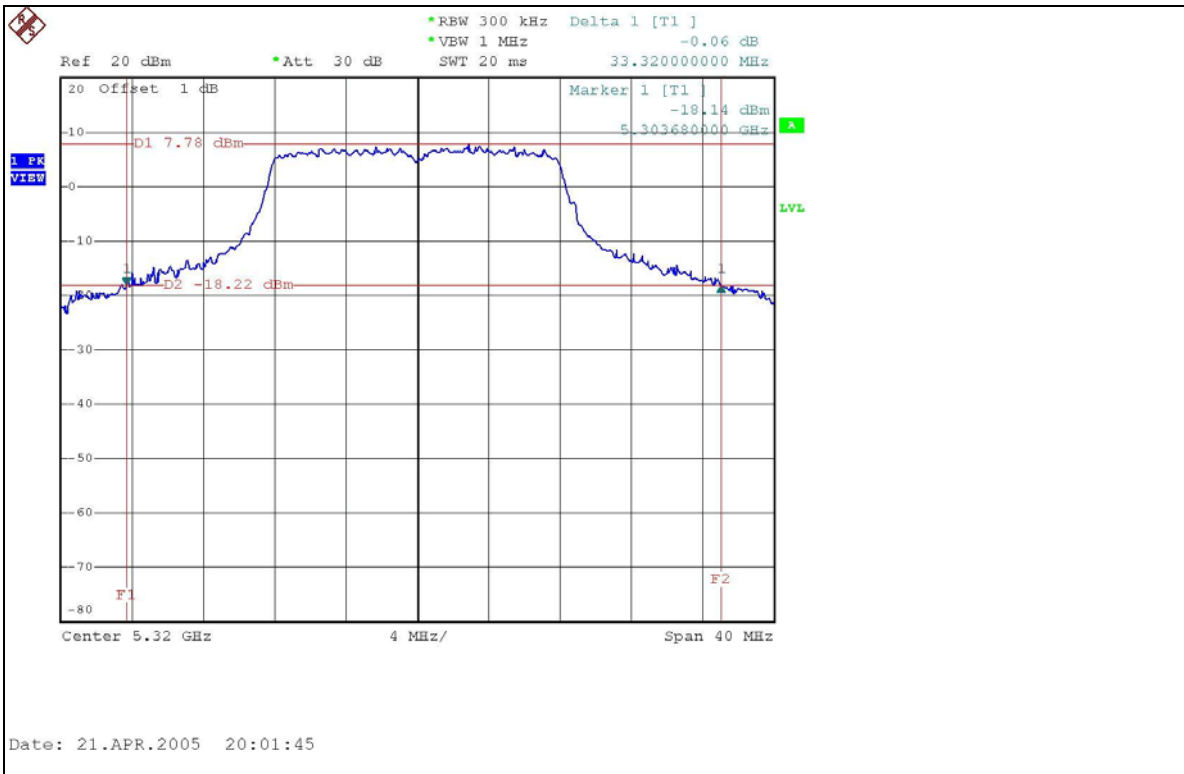




### CH5



### CH8



**802.11a Turbo OFDM modulation**

<b>EUT</b>	Bridging kit - 802.11a	<b>MODEL</b>	WL-464
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	12Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	24deg.C, 62%RH, 960hPa
<b>TESTED BY</b>	Rex Huang		

Antenna 2 (Gain : 10 dBi) +Cable loss (1.2dB)

<b>CHANNEL</b>	<b>CHANNEL FREQUENCY (MHz)</b>	<b>PEAK POWER OUTPUT (dBm)</b>	<b>PEAK POWER LIMIT (dBm)</b>	<b>26dBc Occupied Bandwidth (MHz)</b>	<b>PASS/FAIL</b>
1	5210	12.23	14.20	45.76	PASS
2	5250	12.66	14.20	46.67	PASS
3	5290	18.80	21.20	55.52	PASS

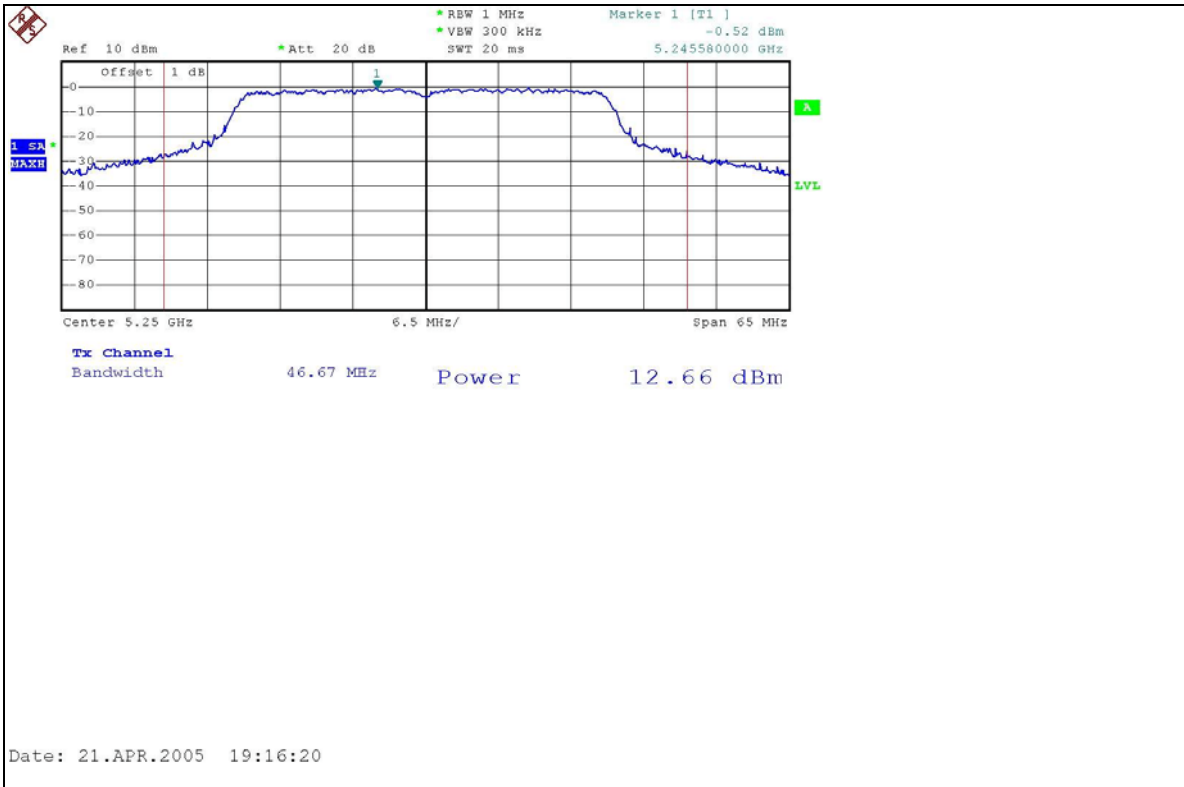
**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.



### Peak Power Output: CH1

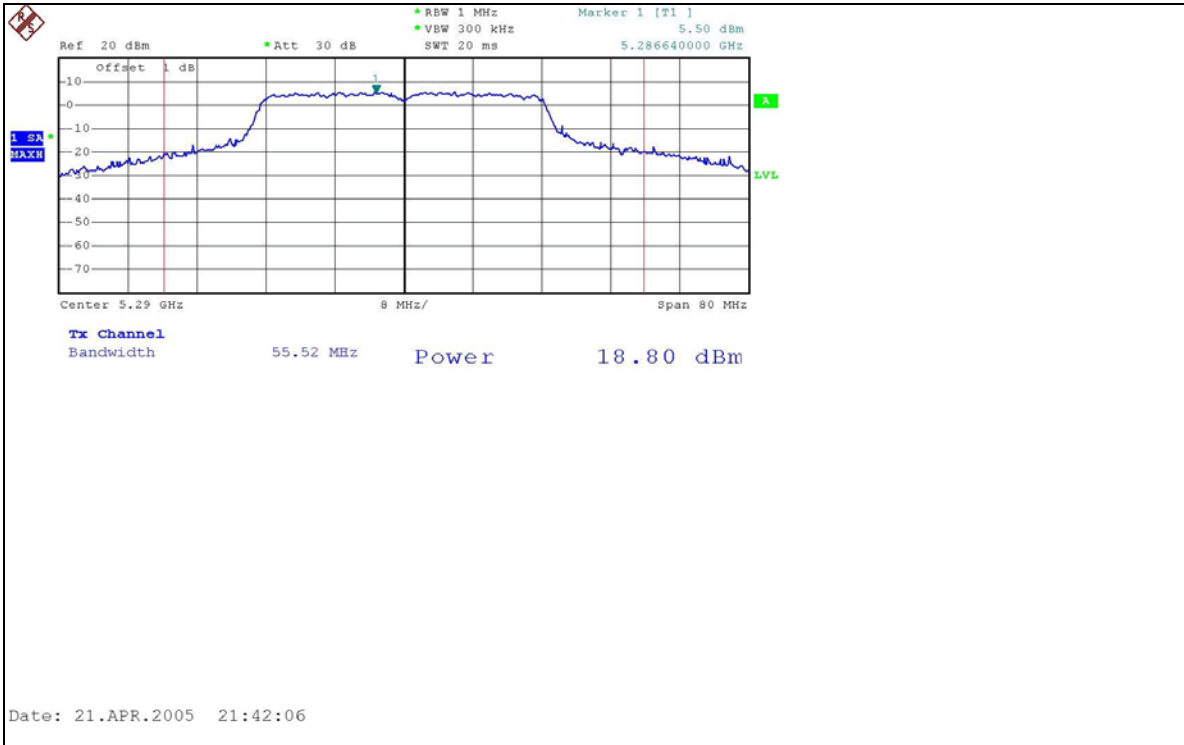


### CH2



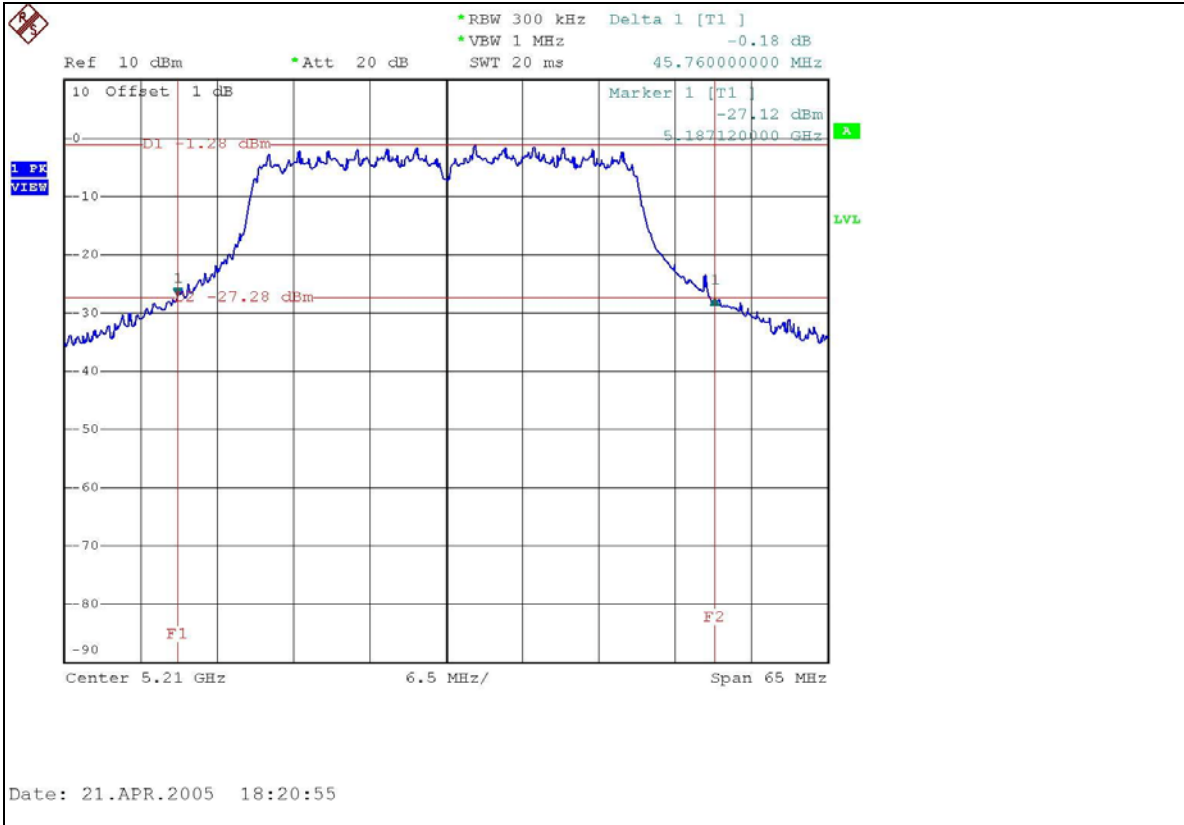


### CH3



### 26dB Occupied Bandwidth:

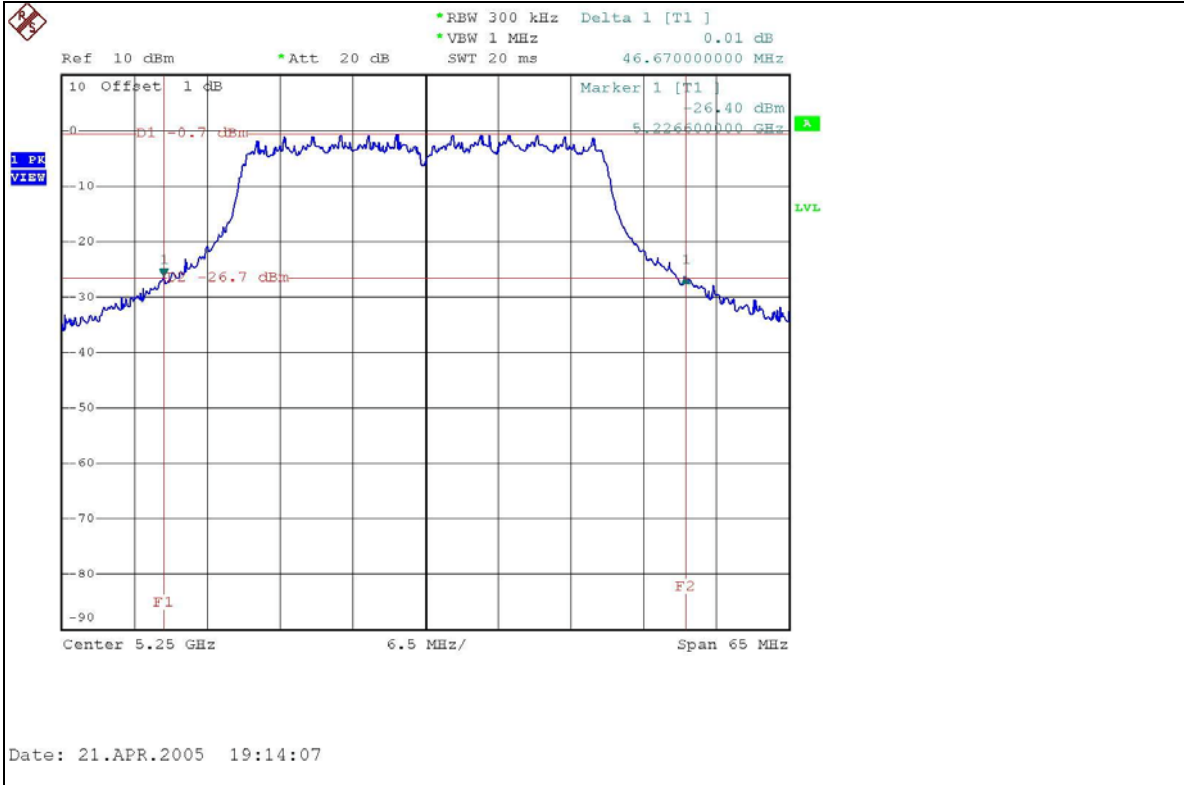
### CH1



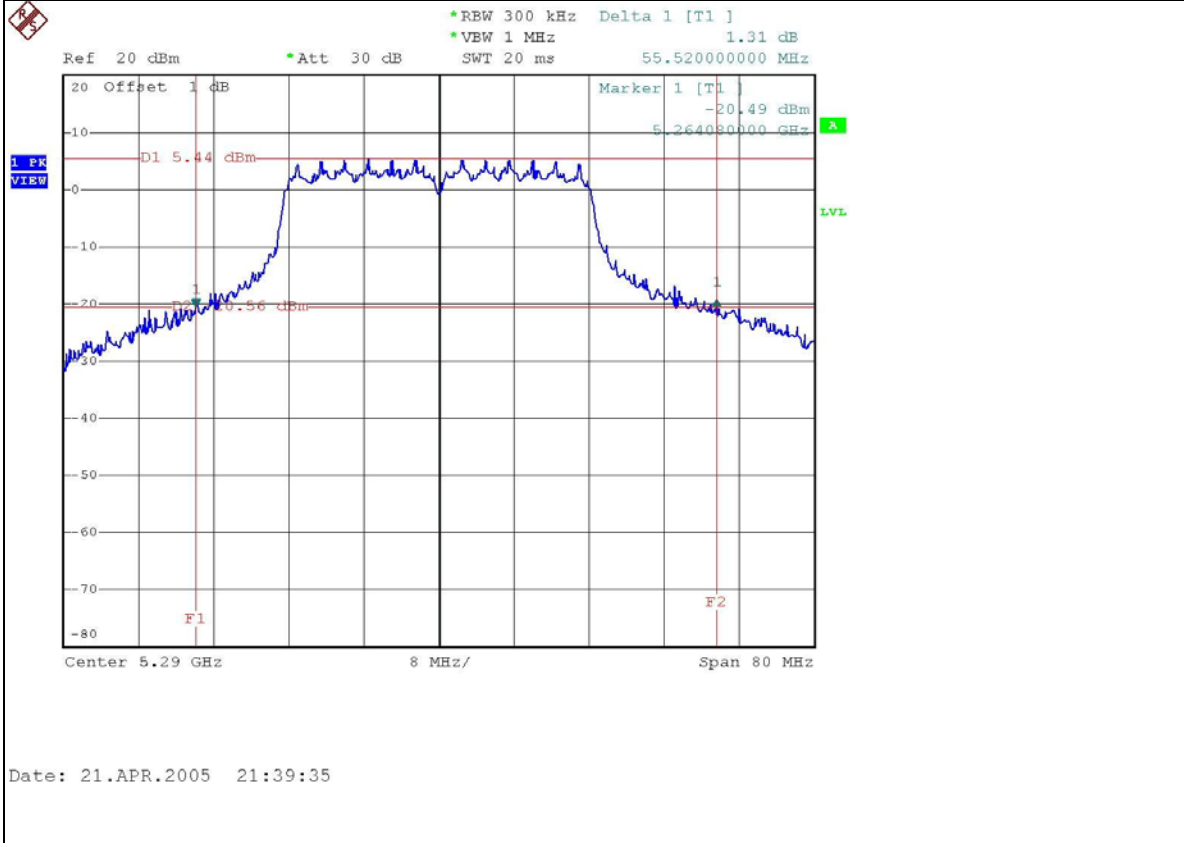




### CH2



### CH3



## 4.3.9 TEST RESULTS (Mode 3)

**802.11a OFDM modulation**

<b>EUT</b>	Bridging kit - 802.11a	<b>MODEL</b>	WL-464
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	6Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	24deg.C, 62%RH, 960hPa
<b>TESTED BY</b>	Rex Huang		

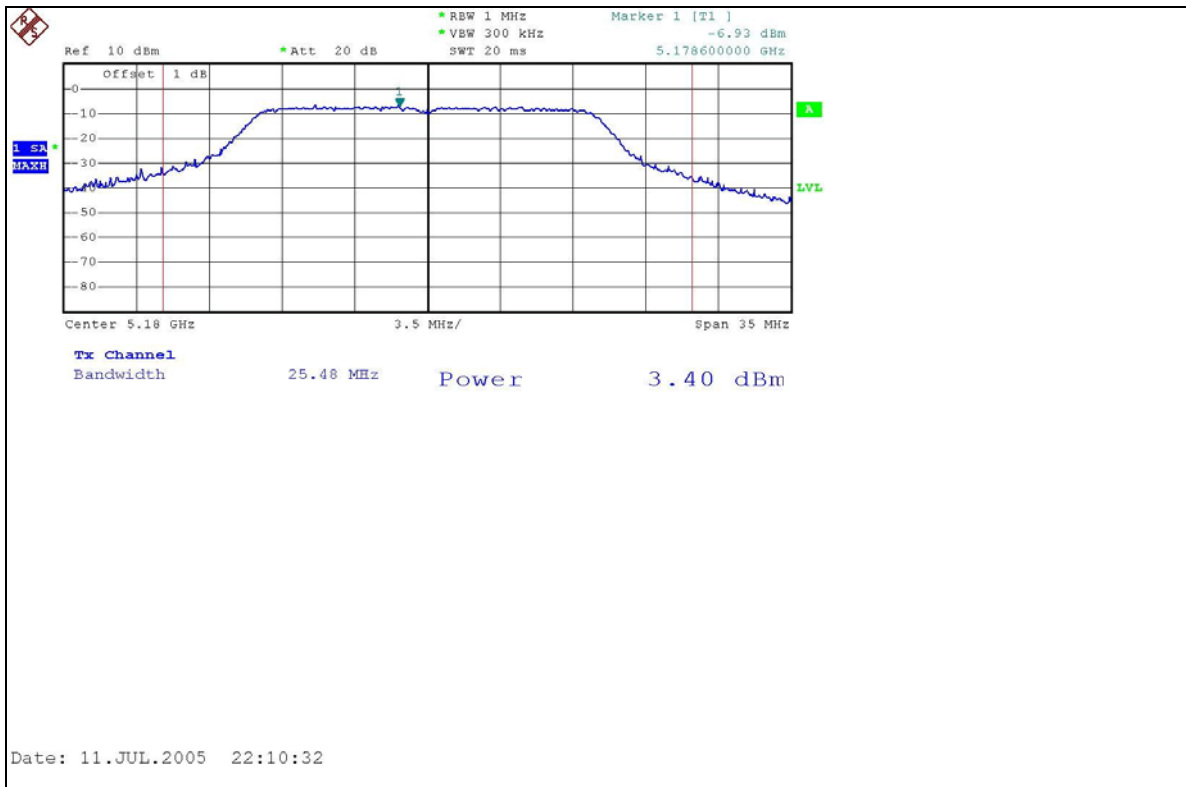
Antenna 3 (Gain : 20 dBi) +Cable loss (1.2dB)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	3.40	4.20	25.48	PASS
4	5240	3.16	4.20	25.27	PASS
5	5260	10.28	11.20	26.18	PASS
8	5320	10.68	11.20	26.18	PASS

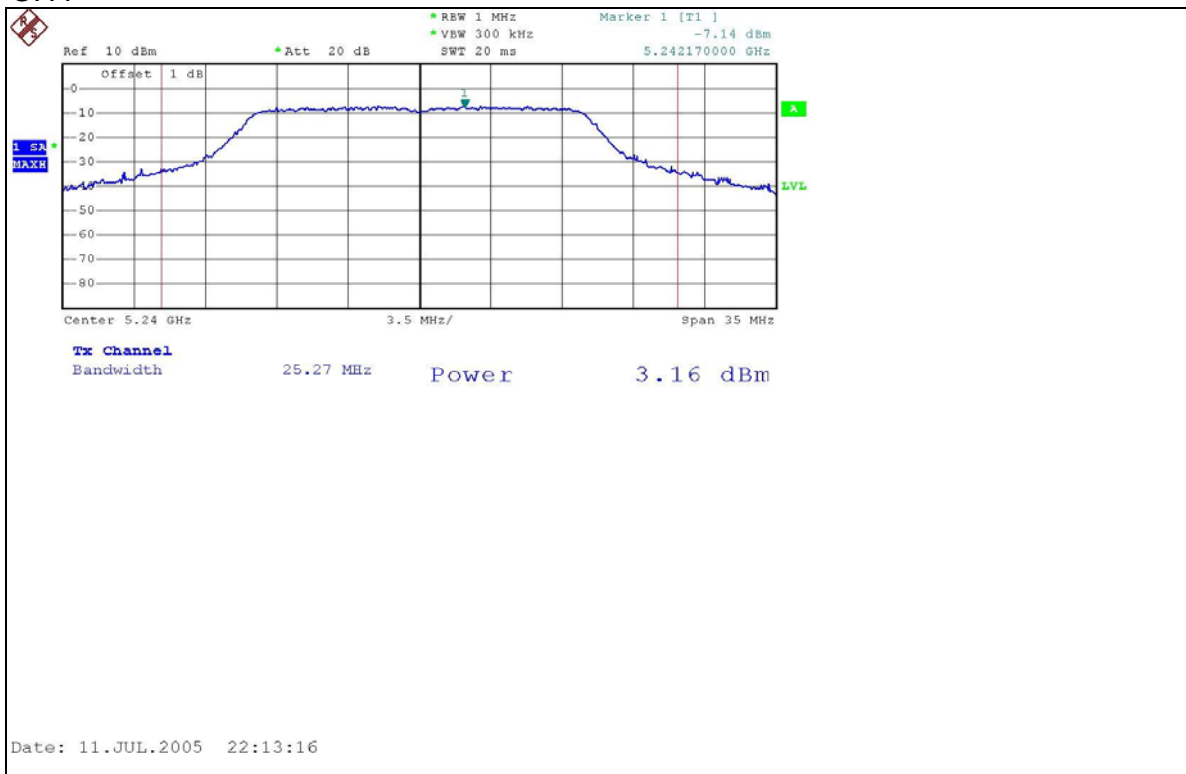
**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.



### Peak Power Output: CH1

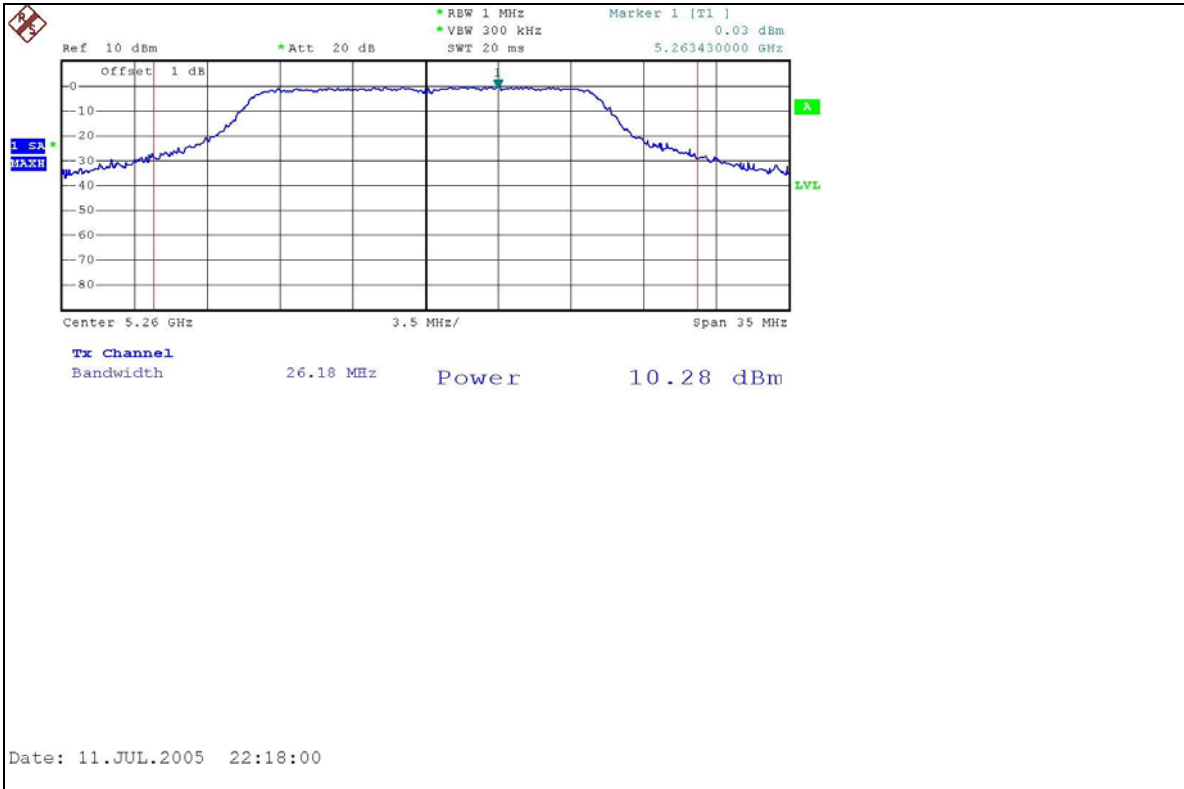


### CH4





CH5

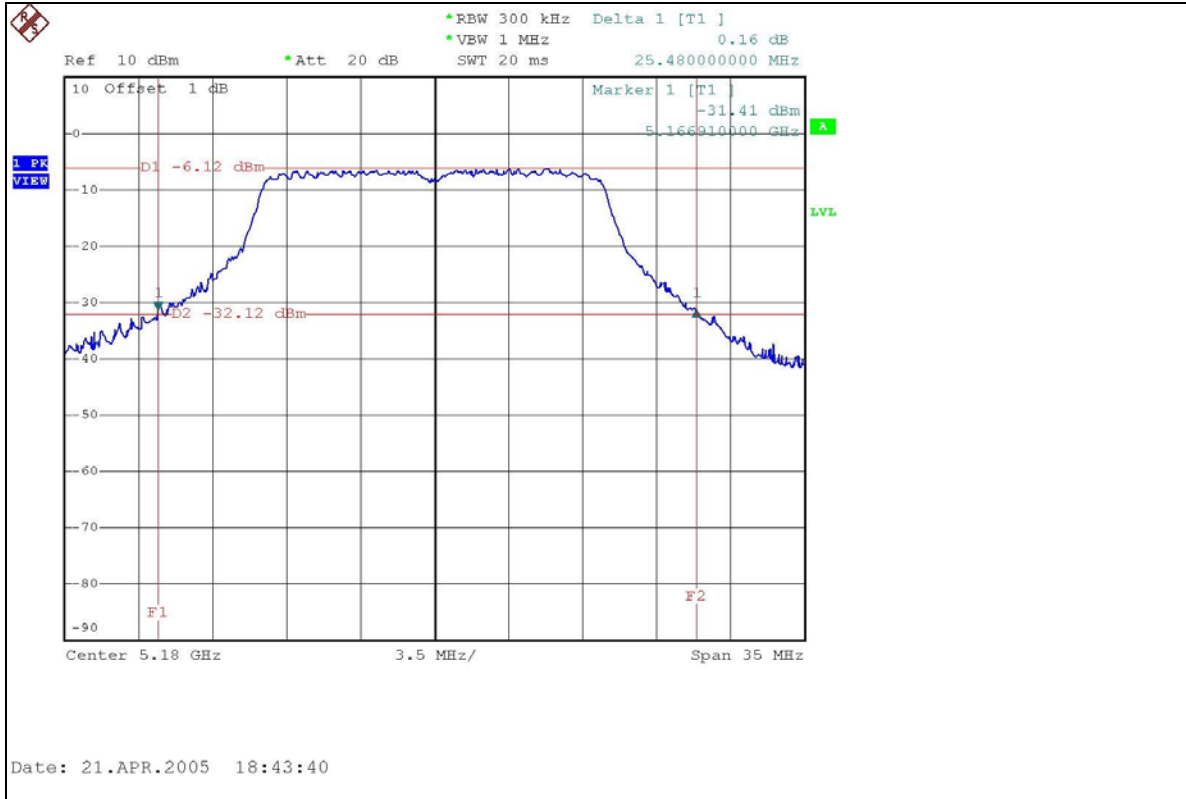


CH8

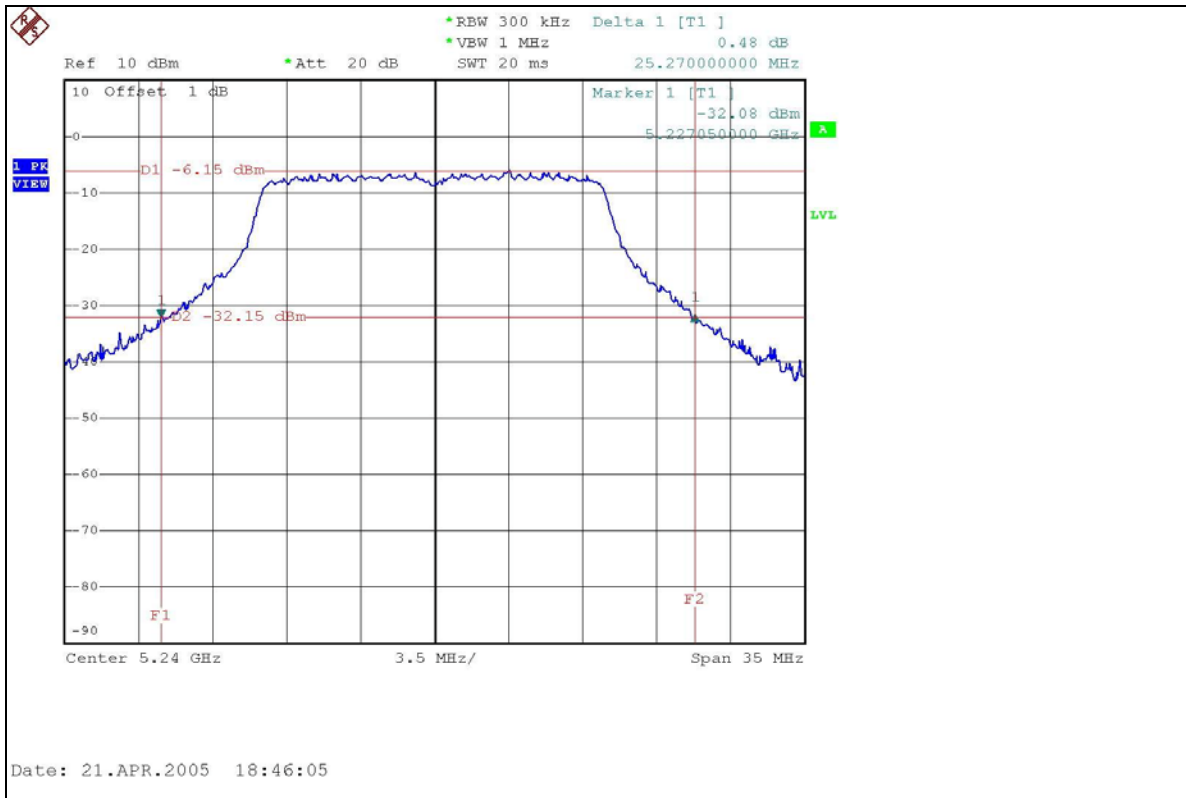




### 26dB Occupied Bandwidth: CH1

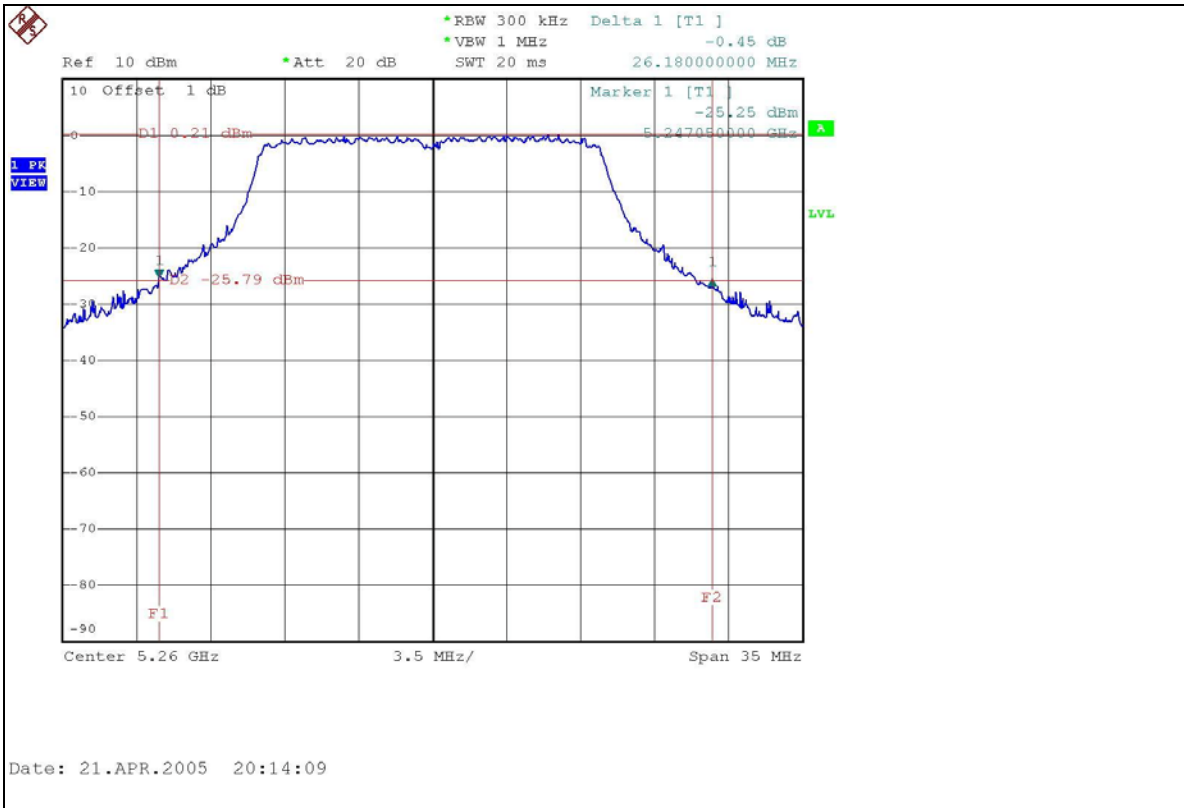


### CH4

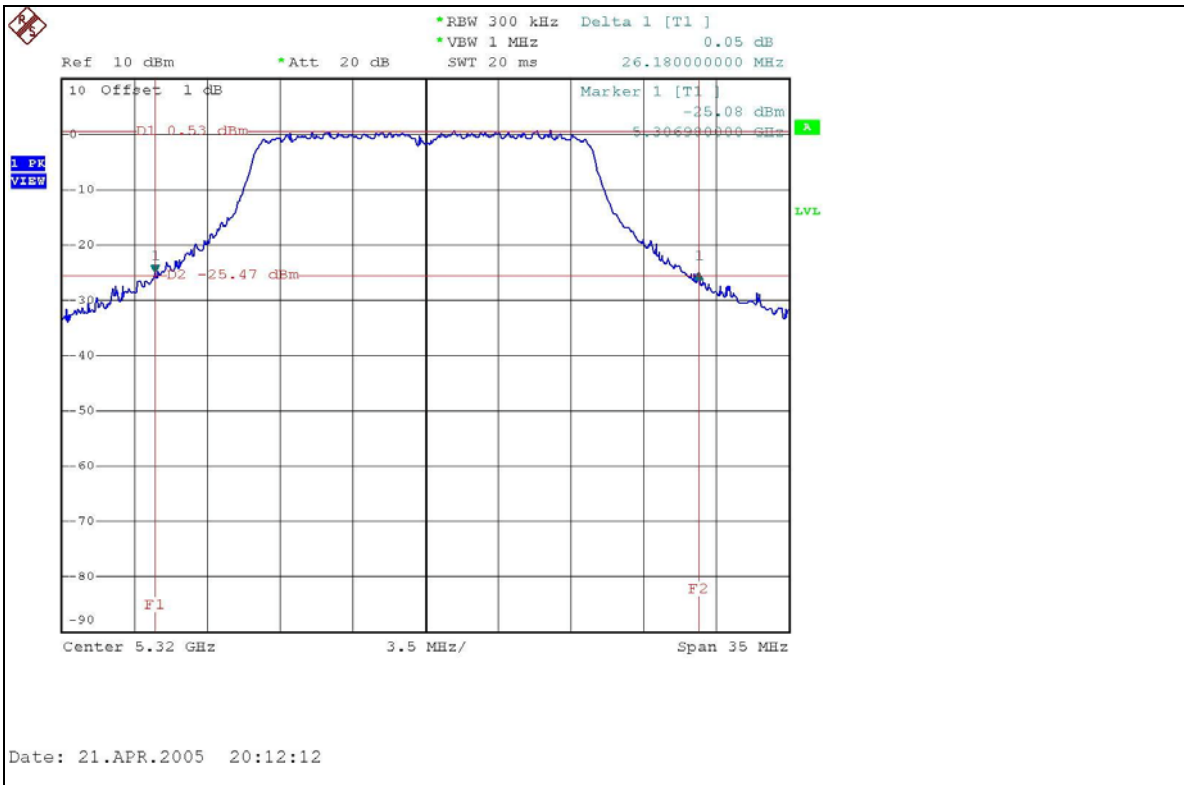




### CH5



### CH8



**802.11a Turbo OFDM modulation**

<b>EUT</b>	Bridging kit - 802.11a	<b>MODEL</b>	WL-464
<b>MODULATION TYPE</b>	BPSK	<b>TRANSFER RATE</b>	12Mbps
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>ENVIRONMENTAL CONDITIONS</b>	24deg.C, 62%RH, 960hPa
<b>TESTED BY</b>	Rex Huang		

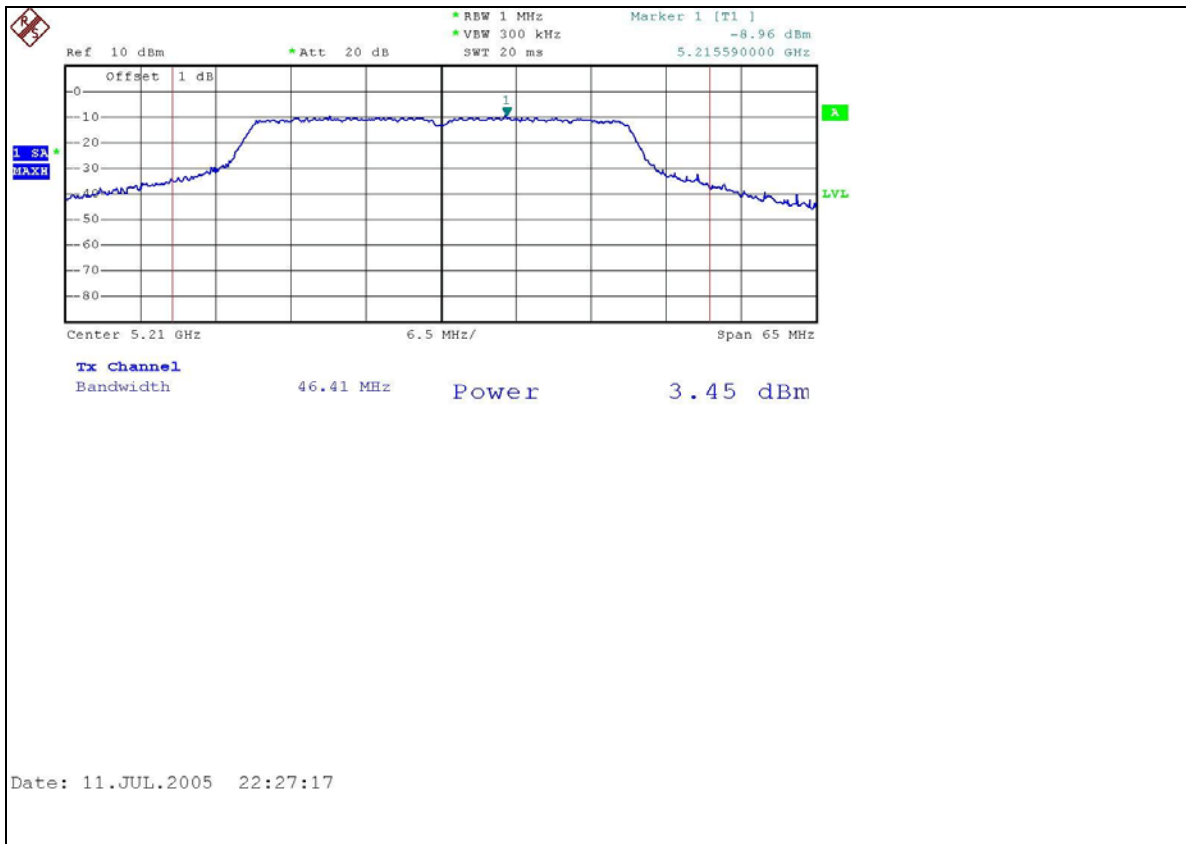
Antenna 3 (Gain : 20 dBi) +Cable loss (1.2dB)

<b>CHANNEL</b>	<b>CHANNEL FREQUENCY (MHz)</b>	<b>PEAK POWER OUTPUT (dBm)</b>	<b>PEAK POWER LIMIT (dBm)</b>	<b>26dBc Occupied Bandwidth (MHz)</b>	<b>PASS/FAIL</b>
1	5210	3.45	4.20	46.41	PASS
2	5250	3.52	4.20	45.11	PASS
3	5290	10.64	11.20	46.97	PASS

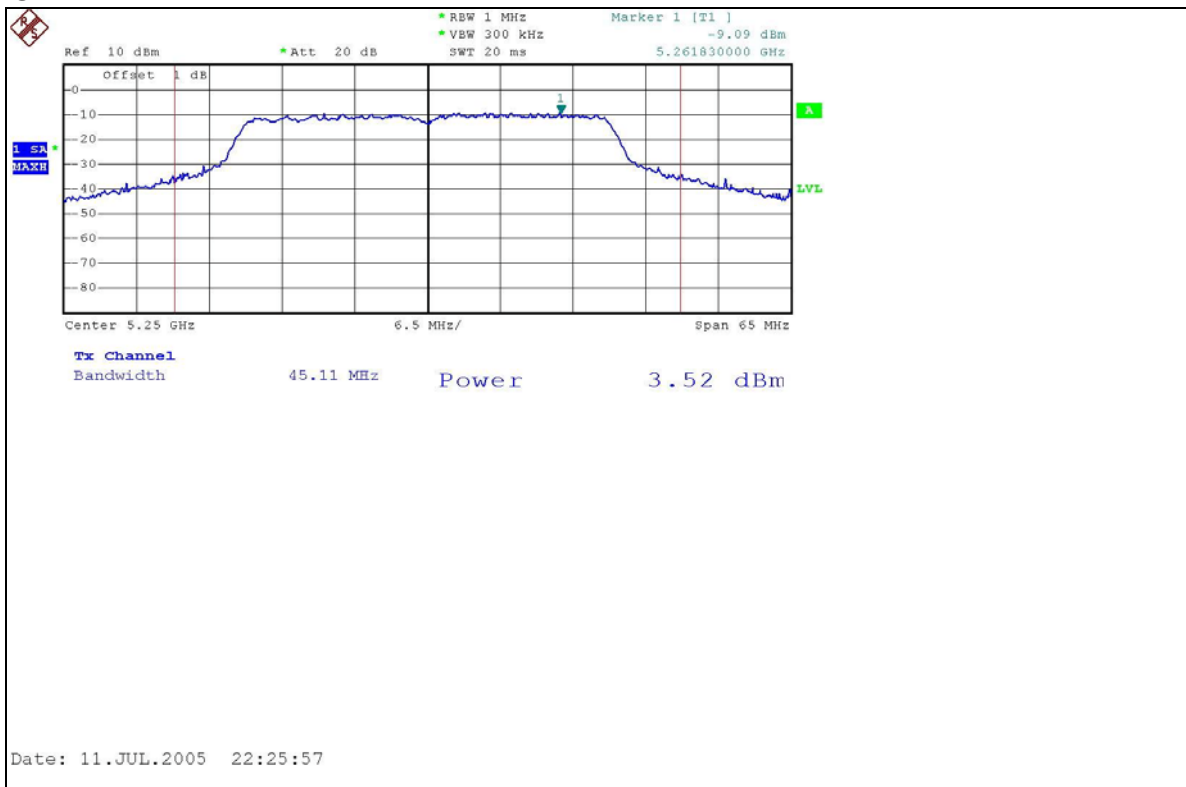
**NOTE:** The 26dBc Occupied Bandwidth plot, please refer to the following pages.



### Peak Power Output: CH1



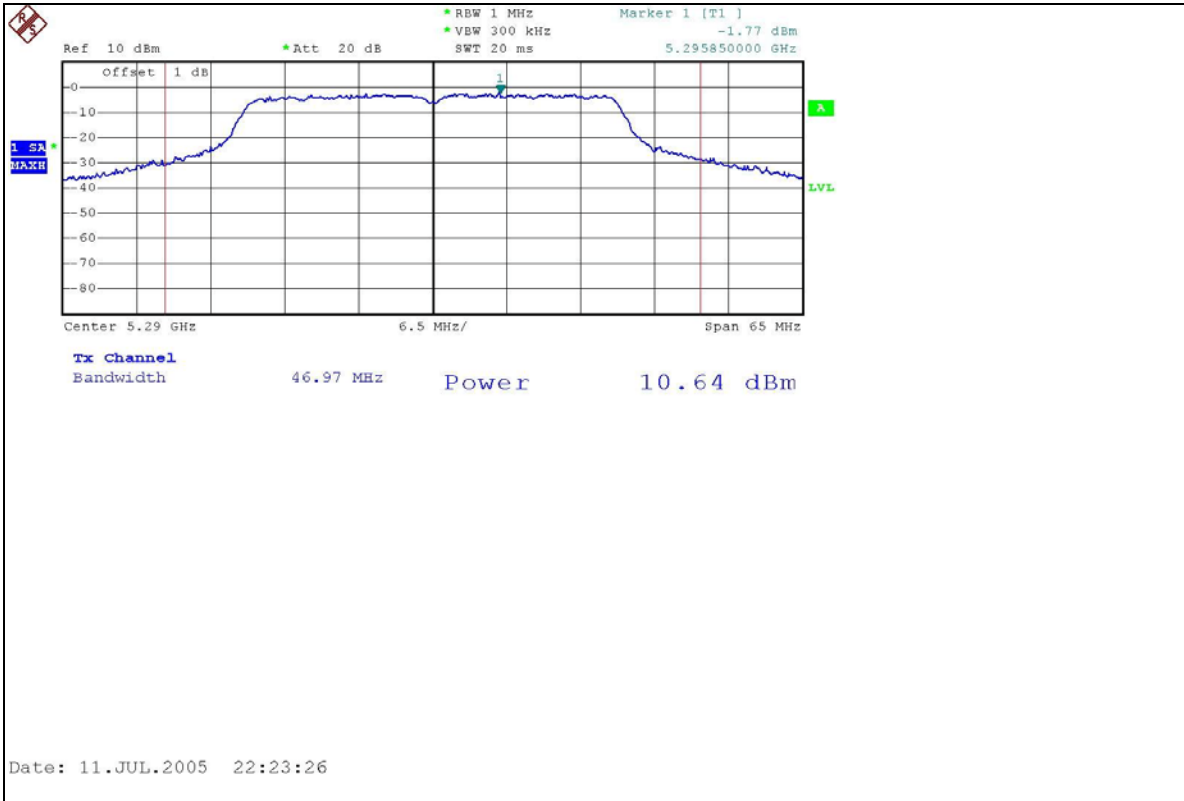
### CH2



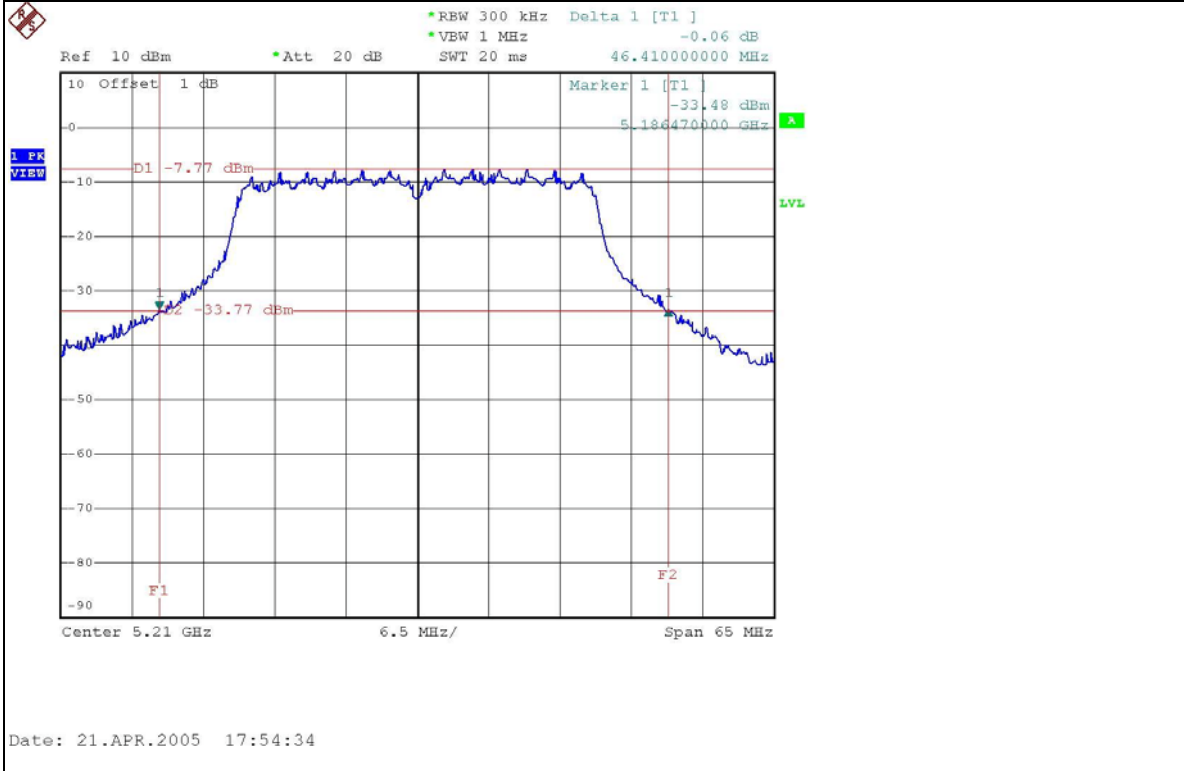




CH3

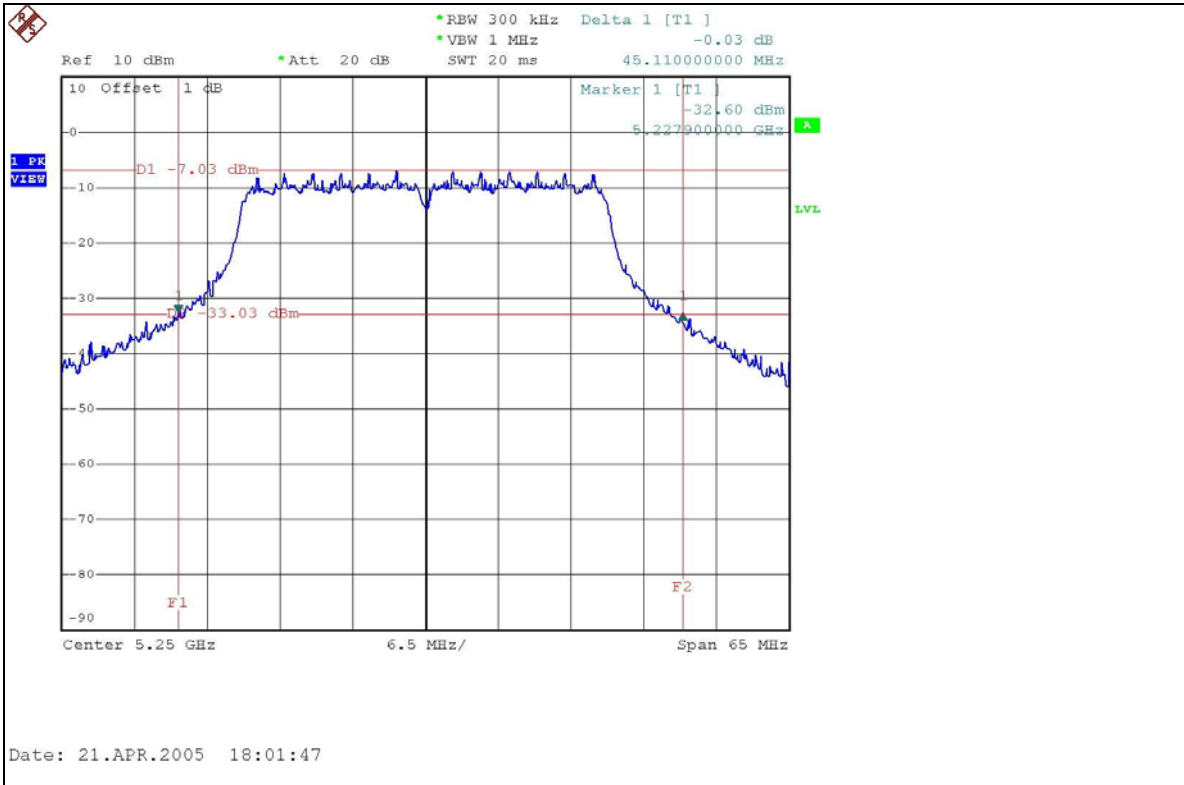


26dB Occupied Bandwidth:  
CH1





### CH2



### CH3

