

# Test Data for Intentional Radiator

**1. Output Power at different transmission rate**

802.11a

Occupied bandwidth



MCS0





MCS3



MCS4



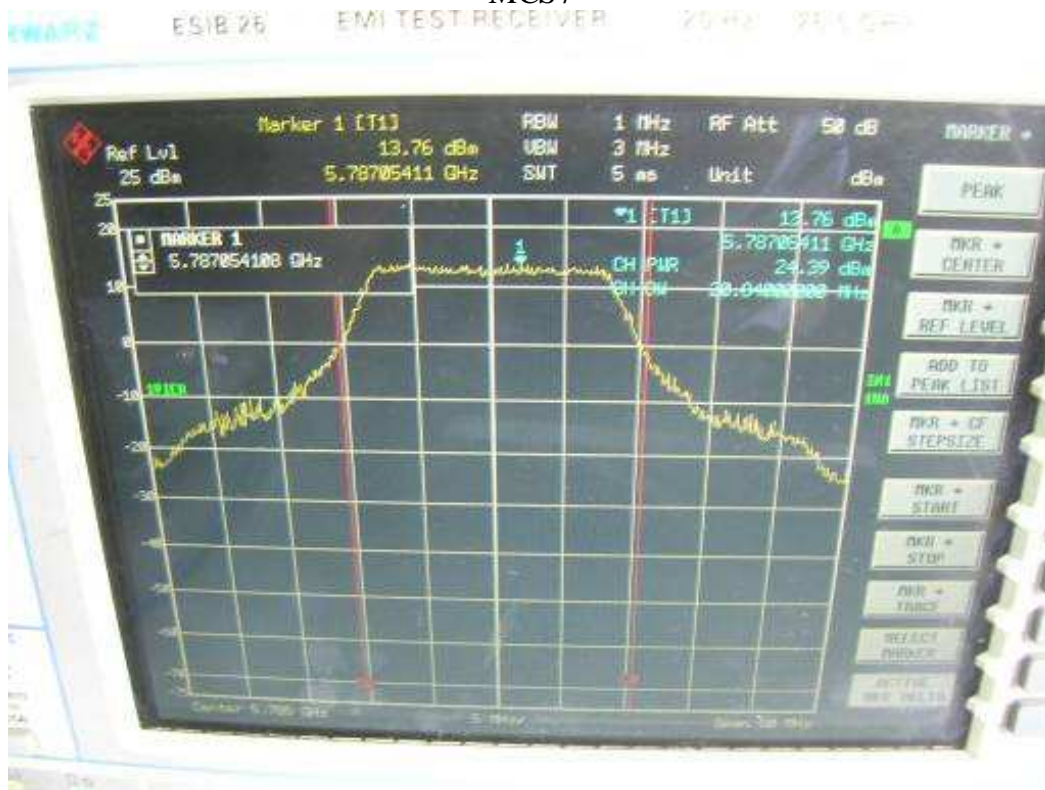
MCS5



MCS6



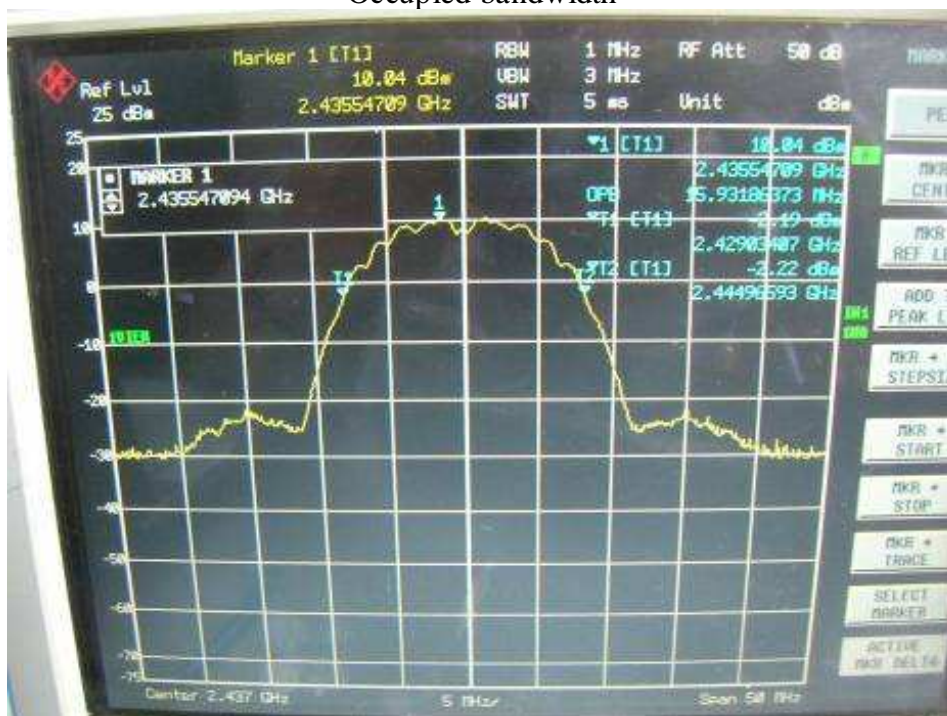
MCS7



**Conclusion: at MCS7, the EUT has maximum output power.**

802.11b

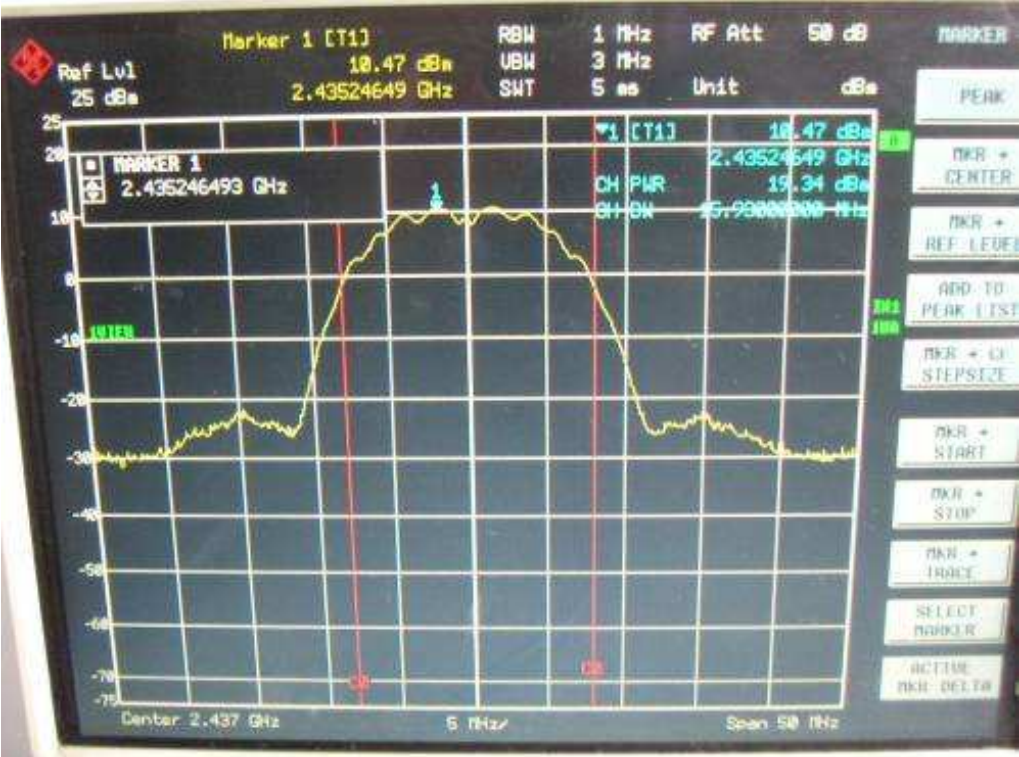
Occupied bandwidth



MCS0



MCS1



MCS2

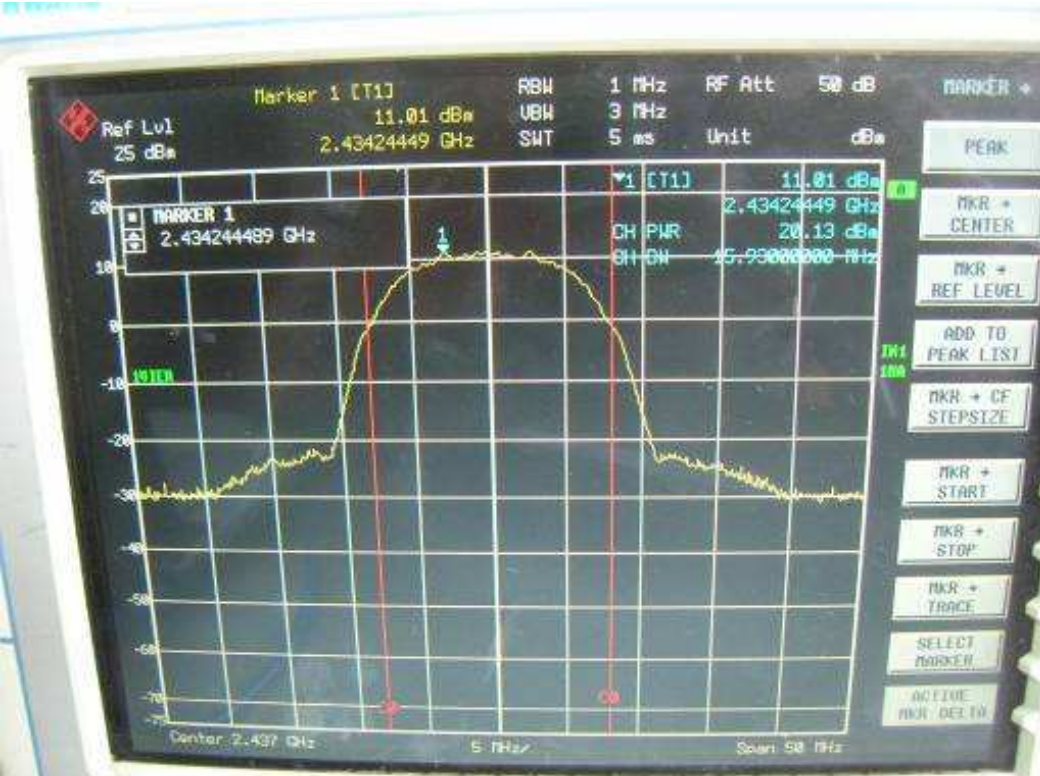




MCS3



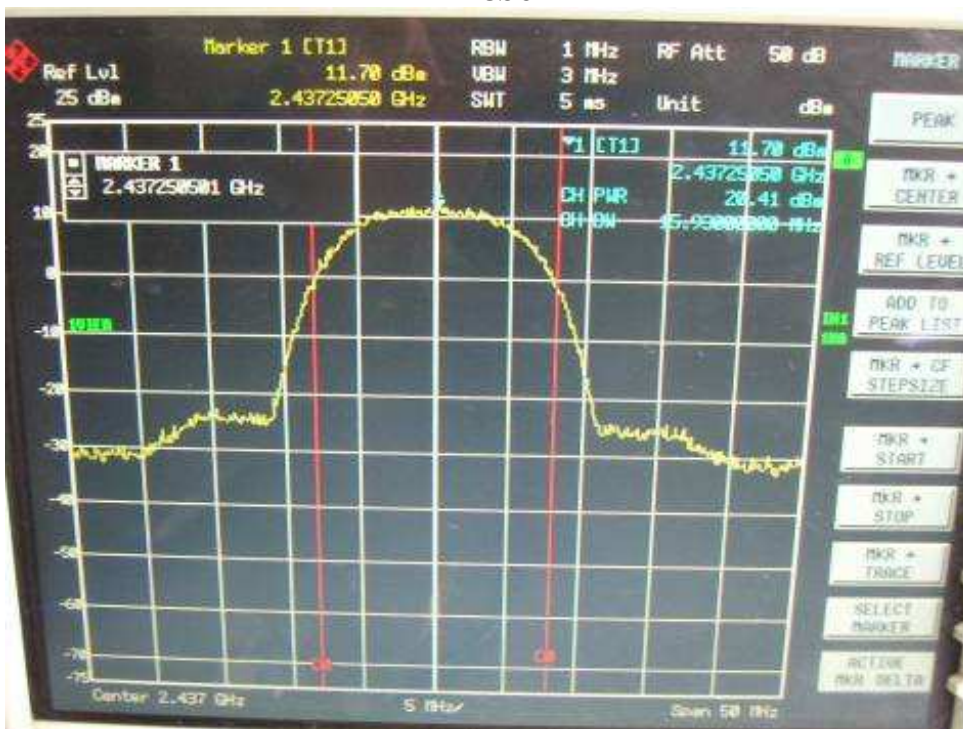
MCS4



MCS5



MCS6



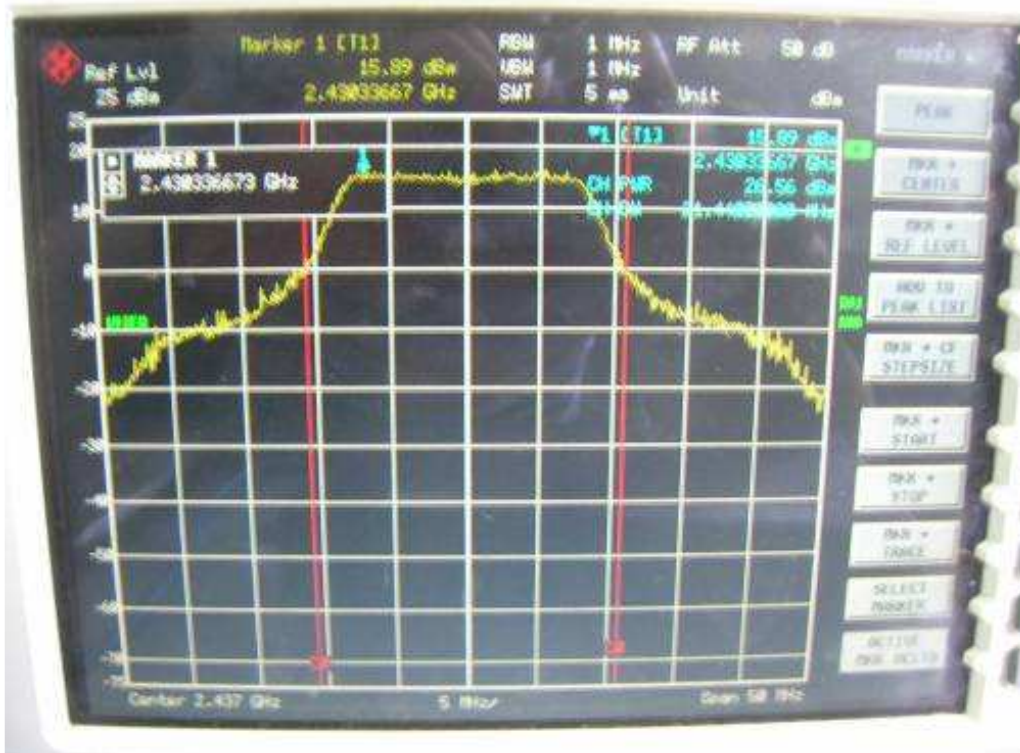
Conclusion: at MCS5, the EUT has maximum output power.

802.11g

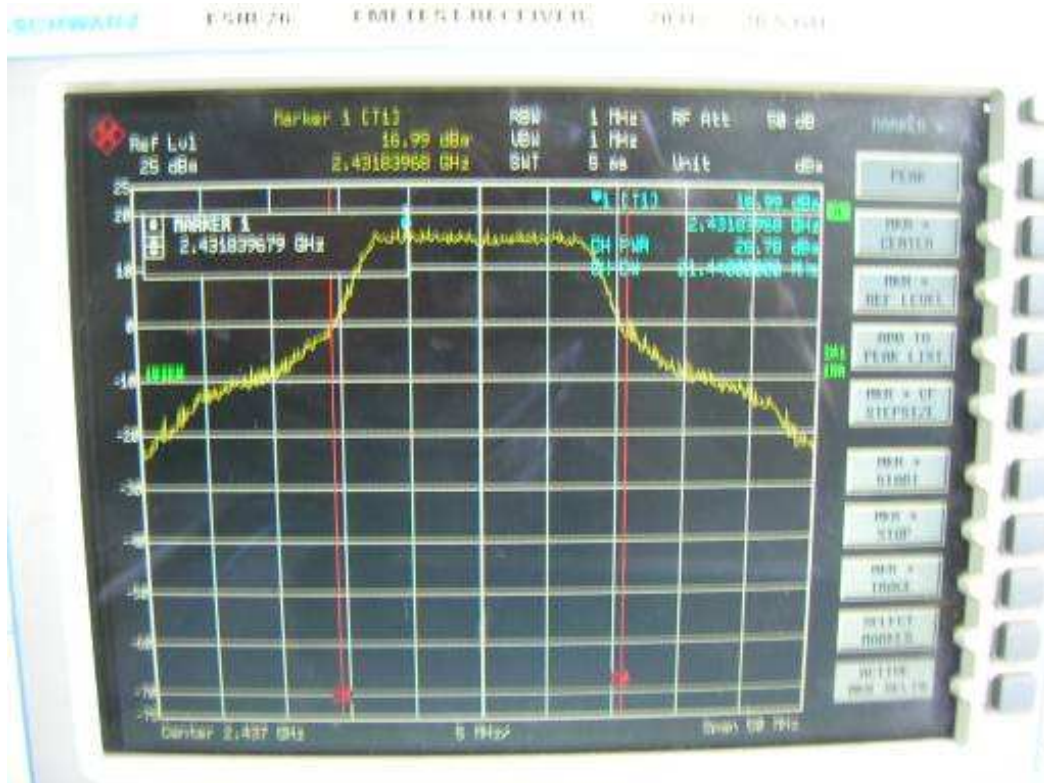
**Occupied Bandwidth**



**MCS0**



MCS1



MCS2



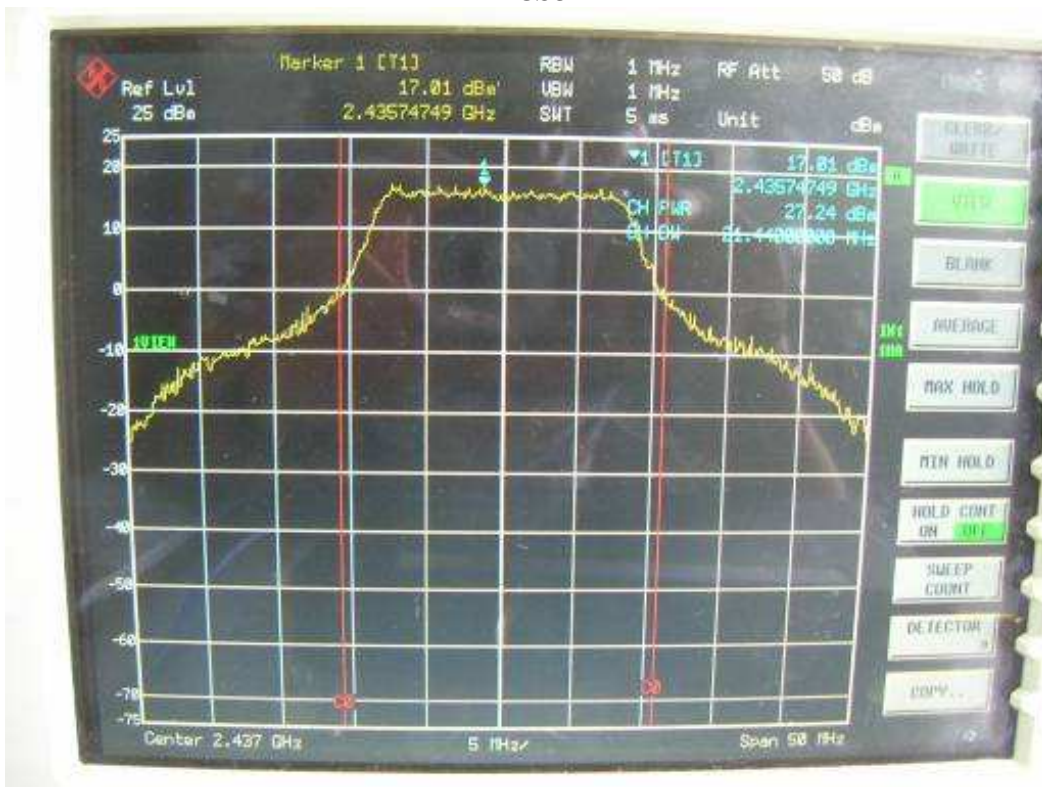
MCS3



MCS4



MCS5



MCS6



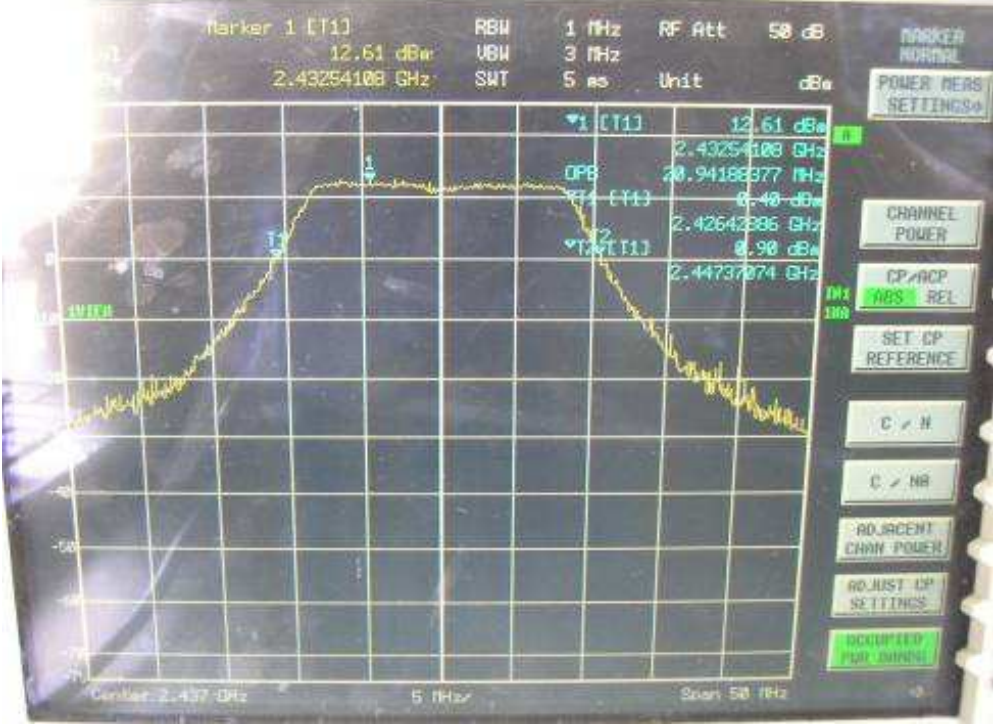
MCS7



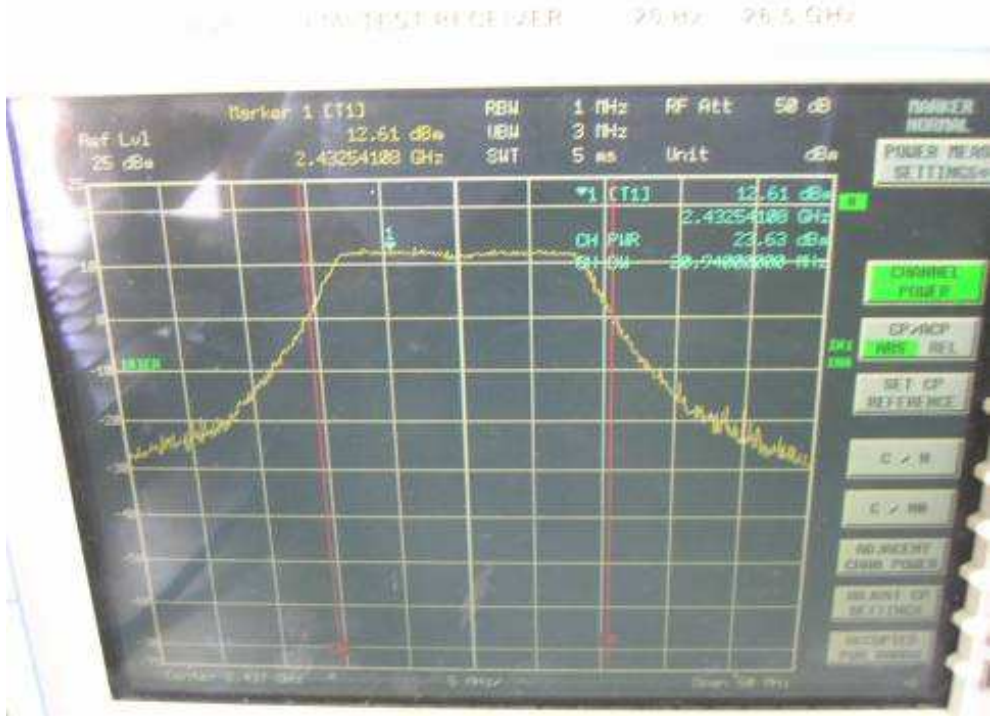
**Conclusion: at MCS7, the EUT has maximum output power.**

802.11n, 2.4GHz band, HT20

**Occupied Bandwidth**

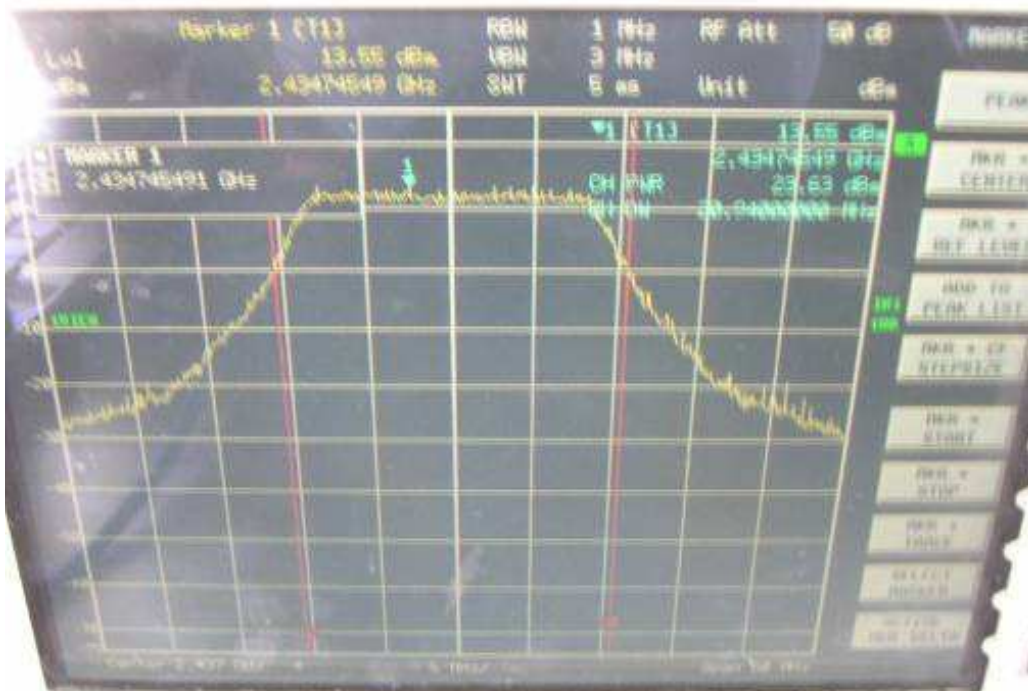


**MCS0**

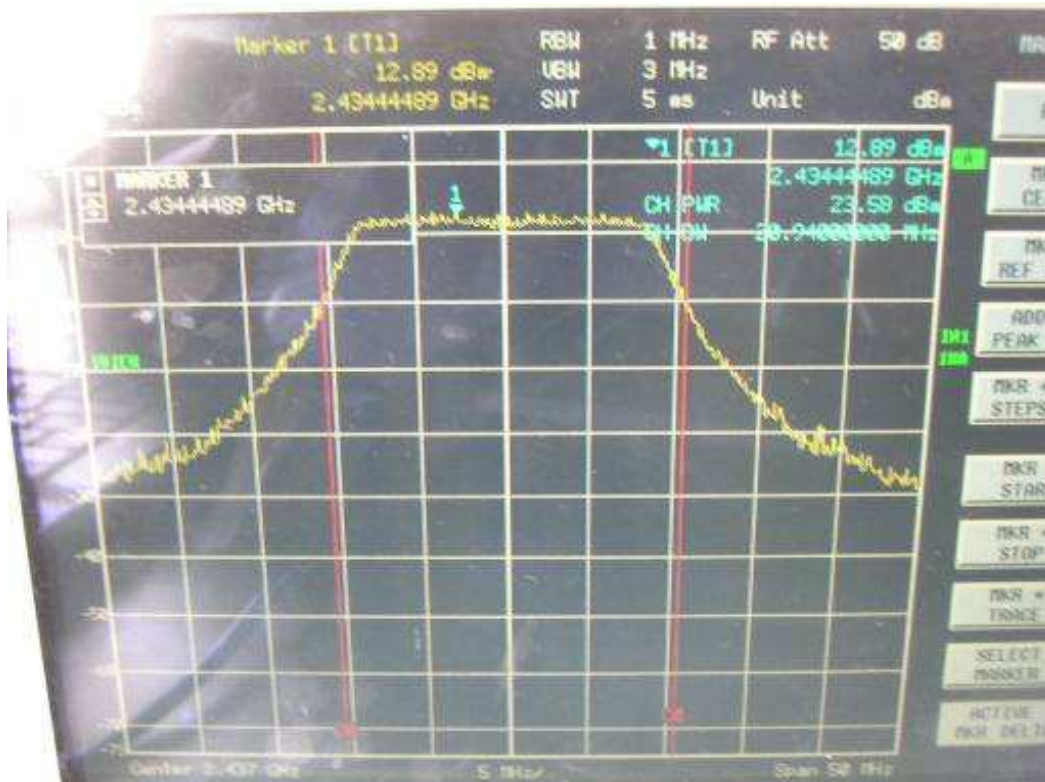




MCS1



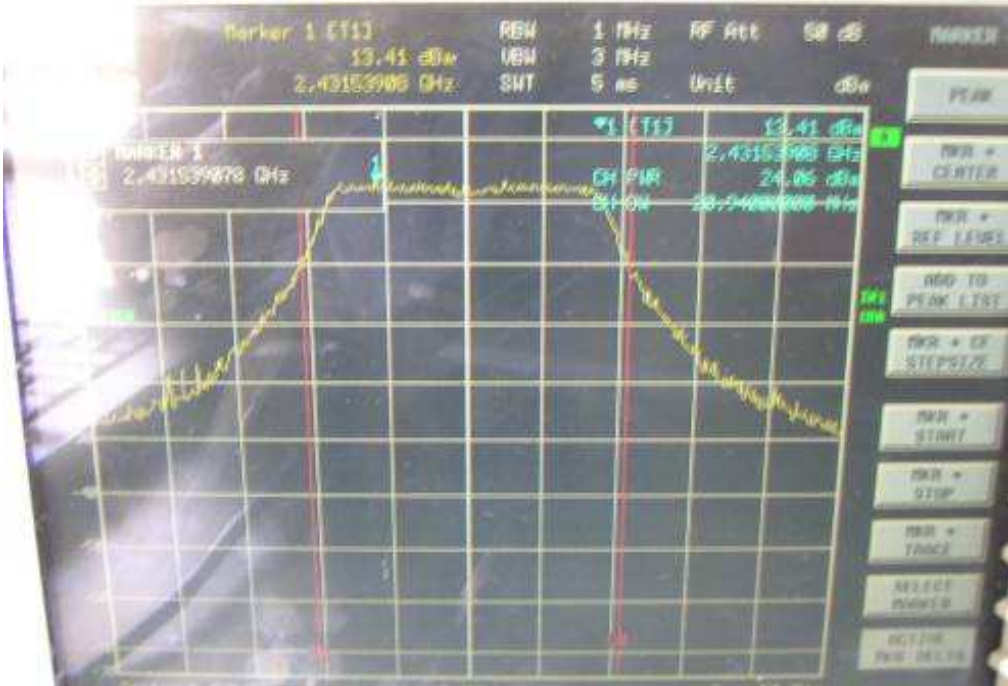
MCS2



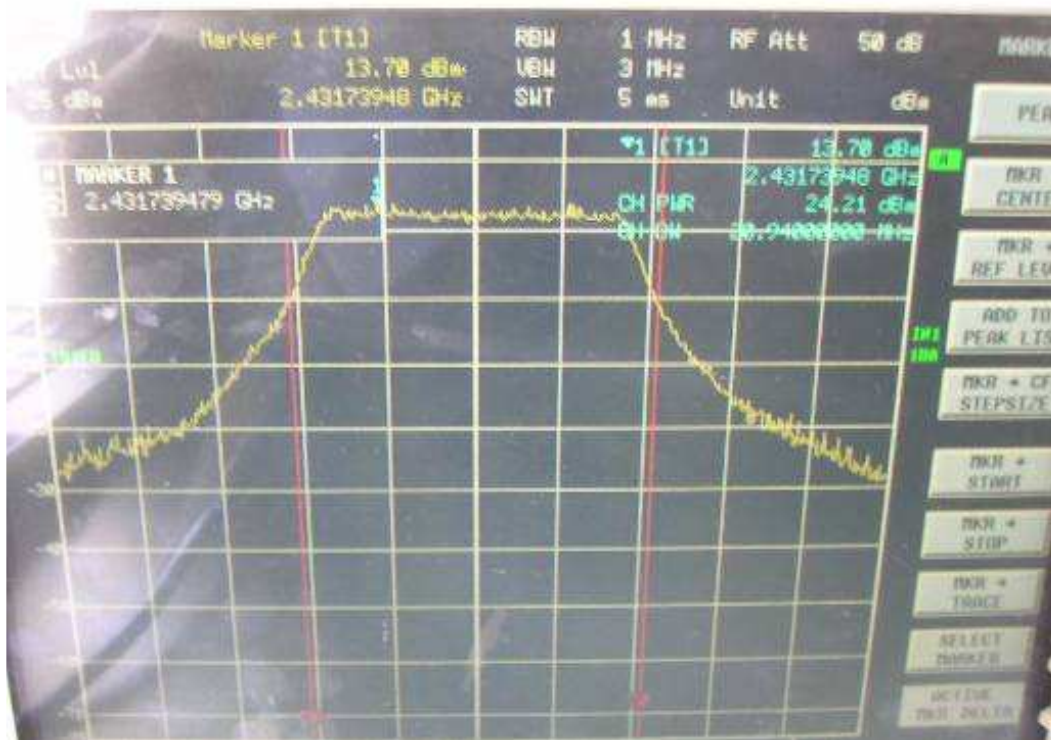
MCS3



MCS4



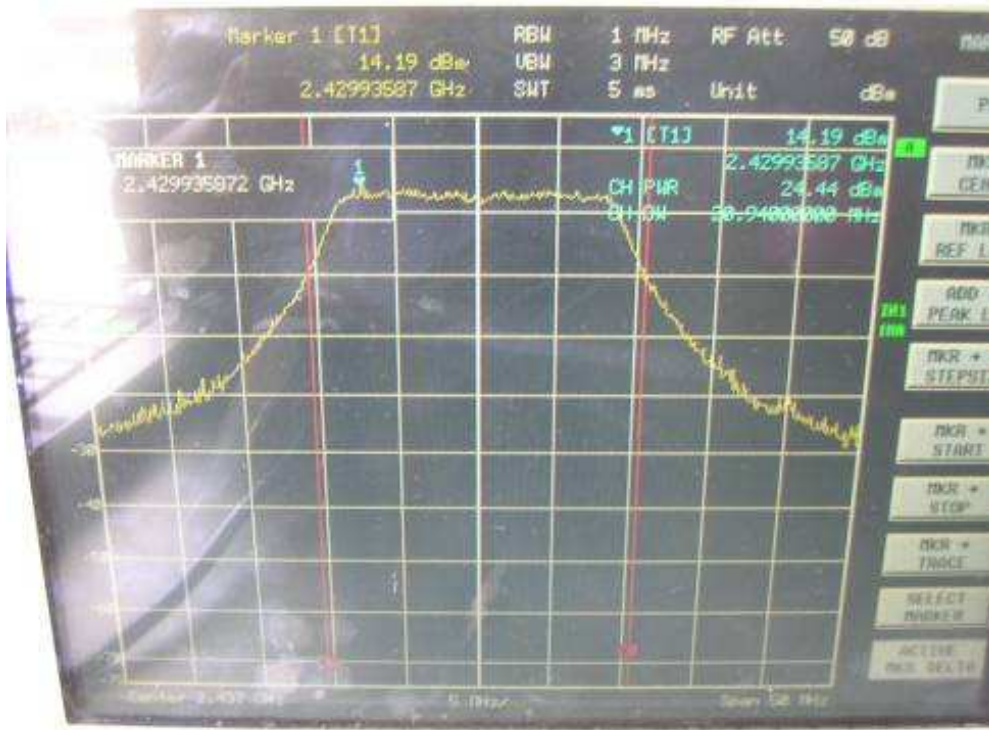
MCS5



MCS6



**MCS7**



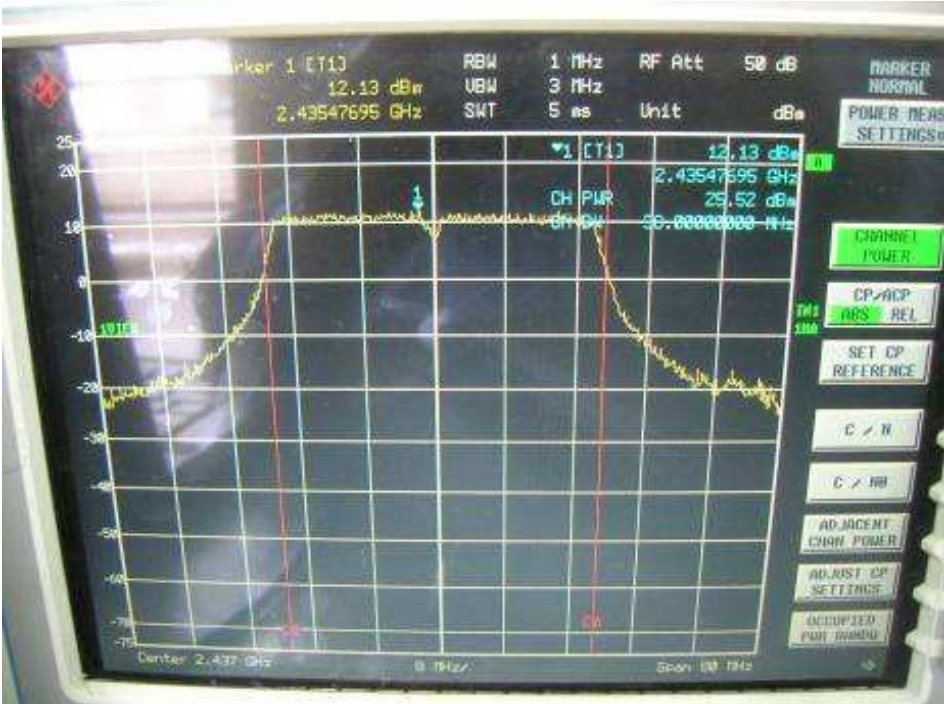
**Conclusion: at MCS7, the EUT has maximum output power.**

802.11n, 2.4GHz band, HT40, GI=0

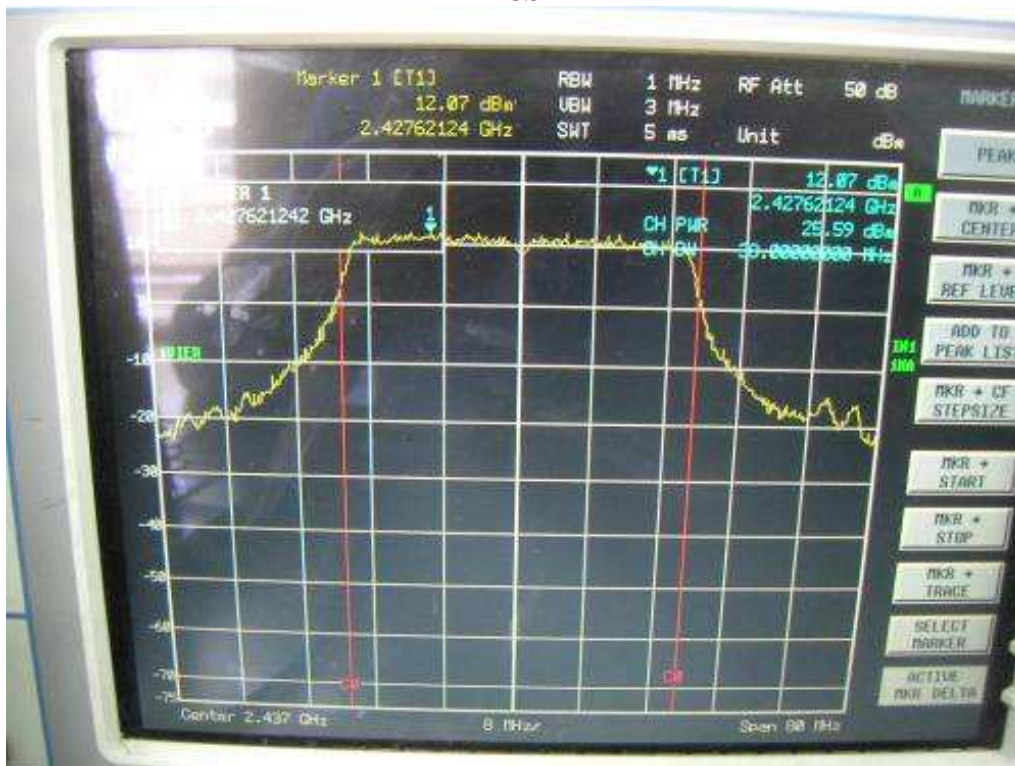
Occupied Bandwidth



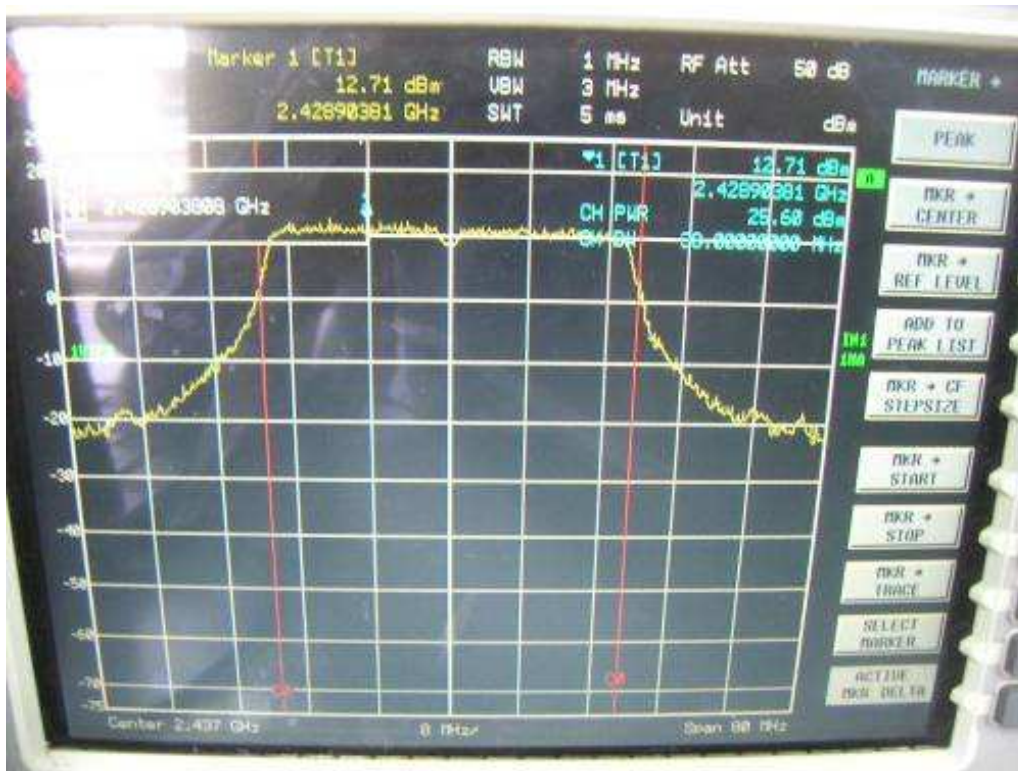
MCS0



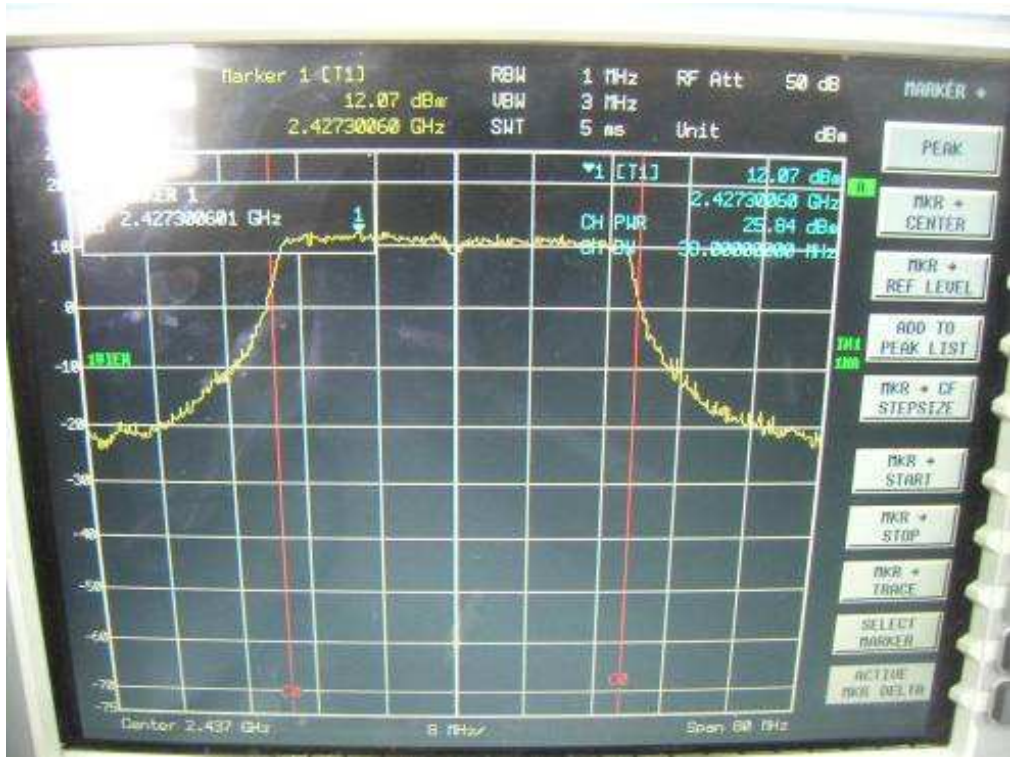
MCS1



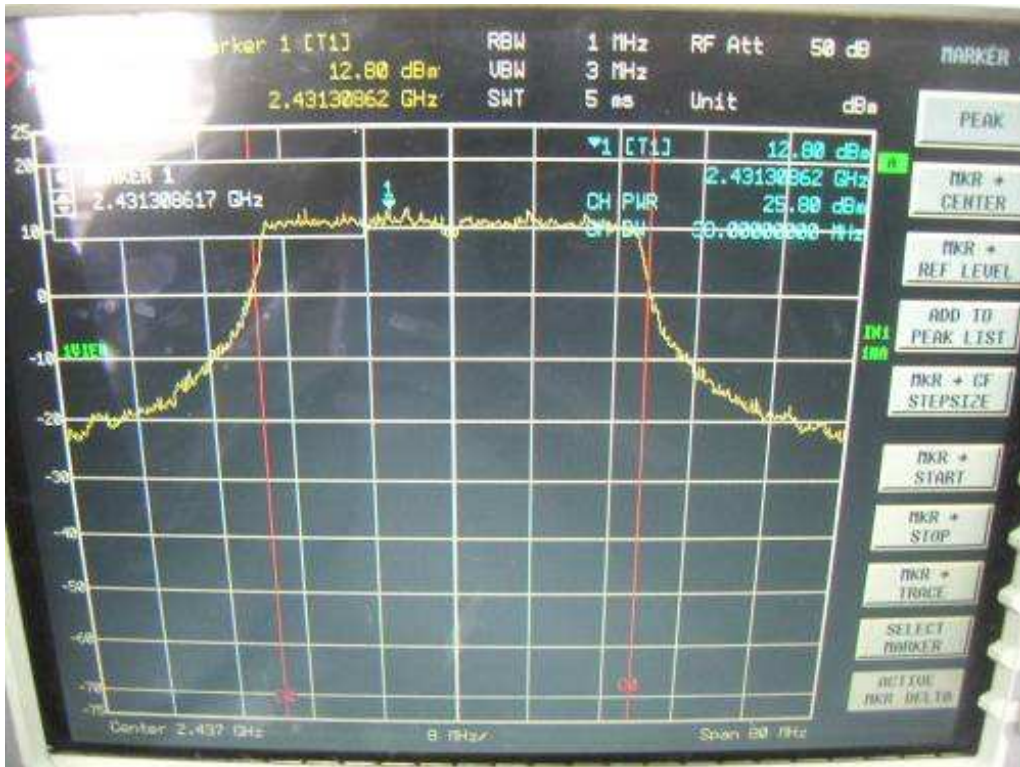
MCS2



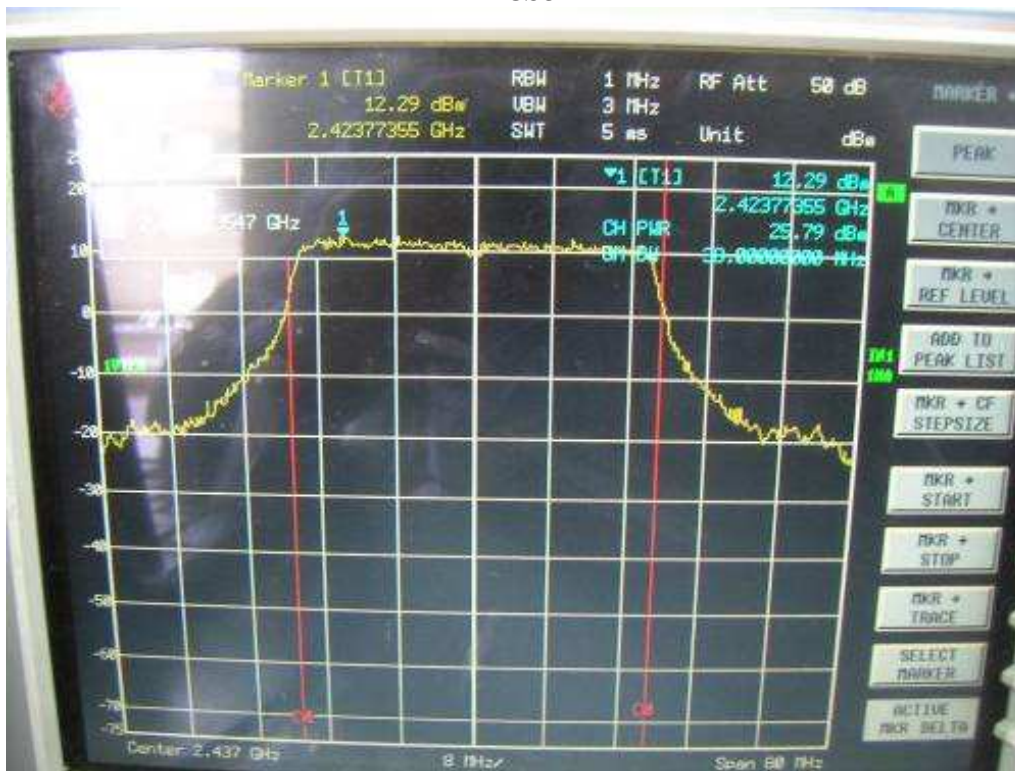
MCS3



MCS4



MCS5



MCS6





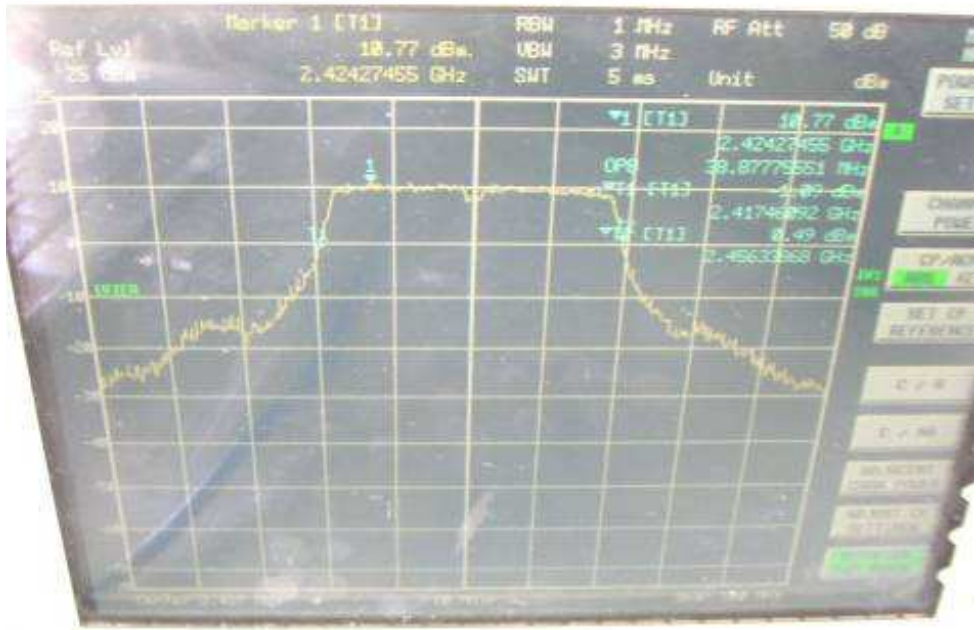
**MCS7**



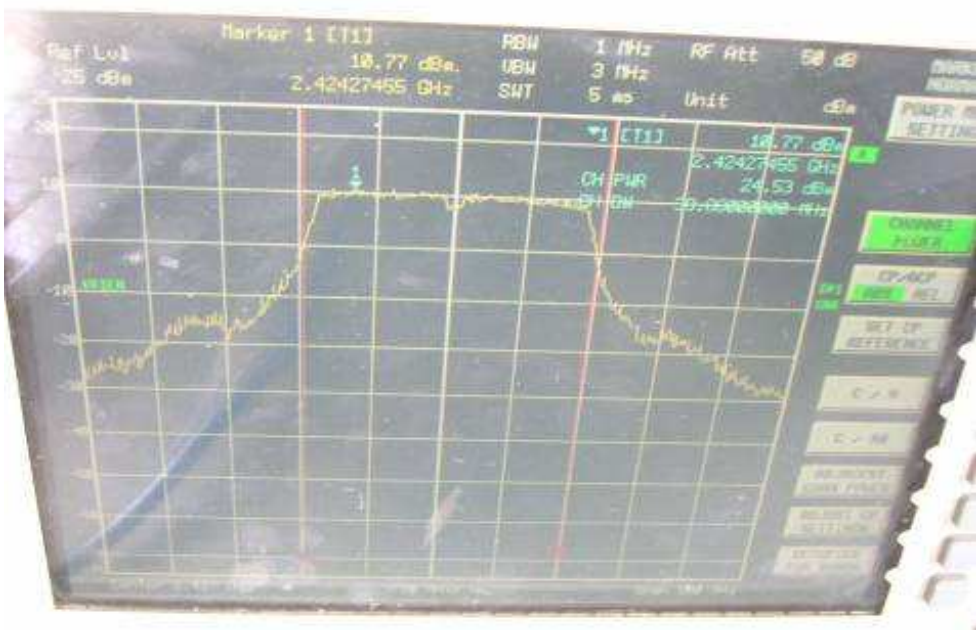
**Conclusion: at MCS7, the EUT has maximum output power.**

802.11n, 2.4GHz band, HT40, GI=1

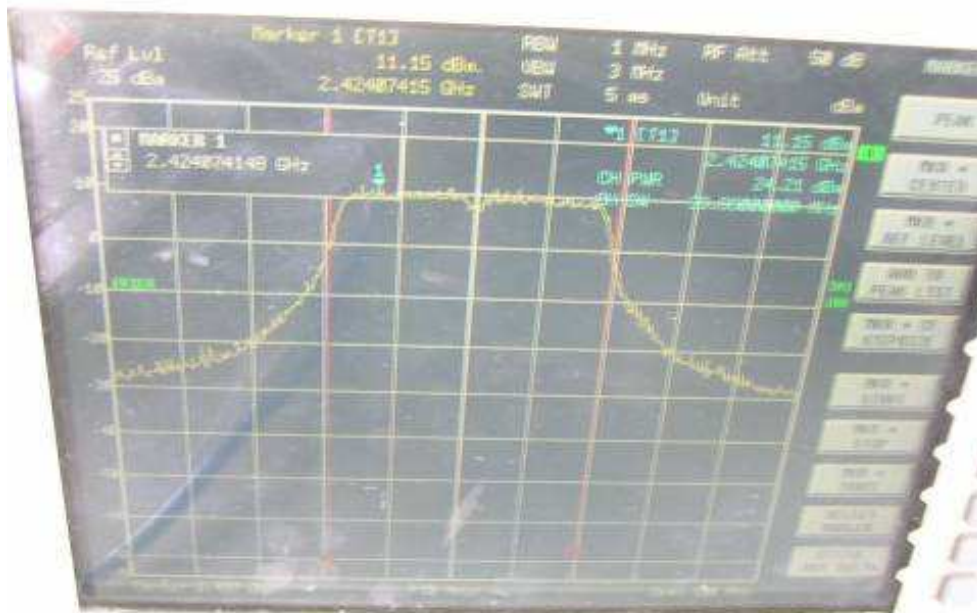
**Occupied Bandwidth**



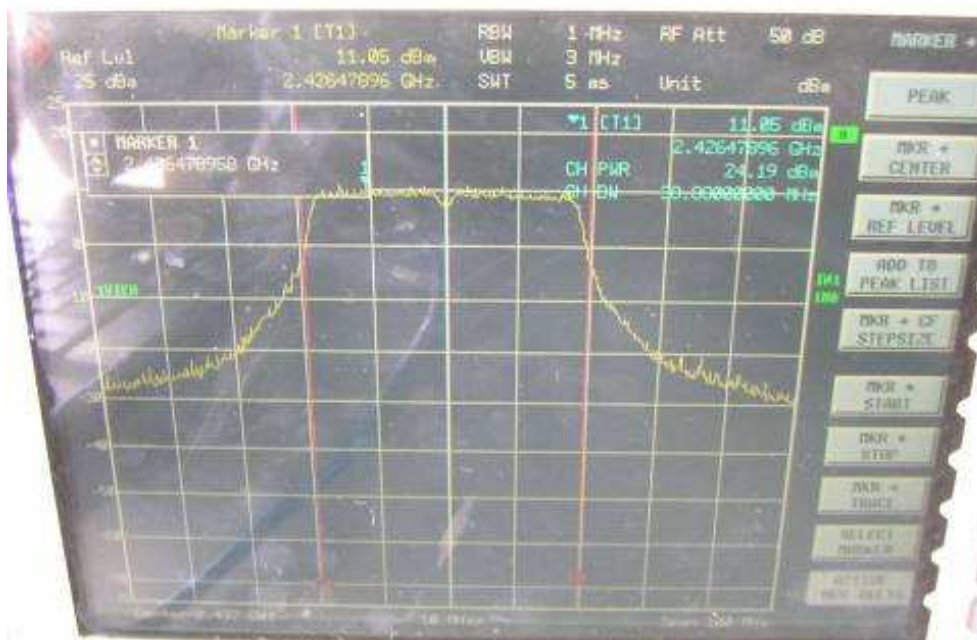
**MCS0**



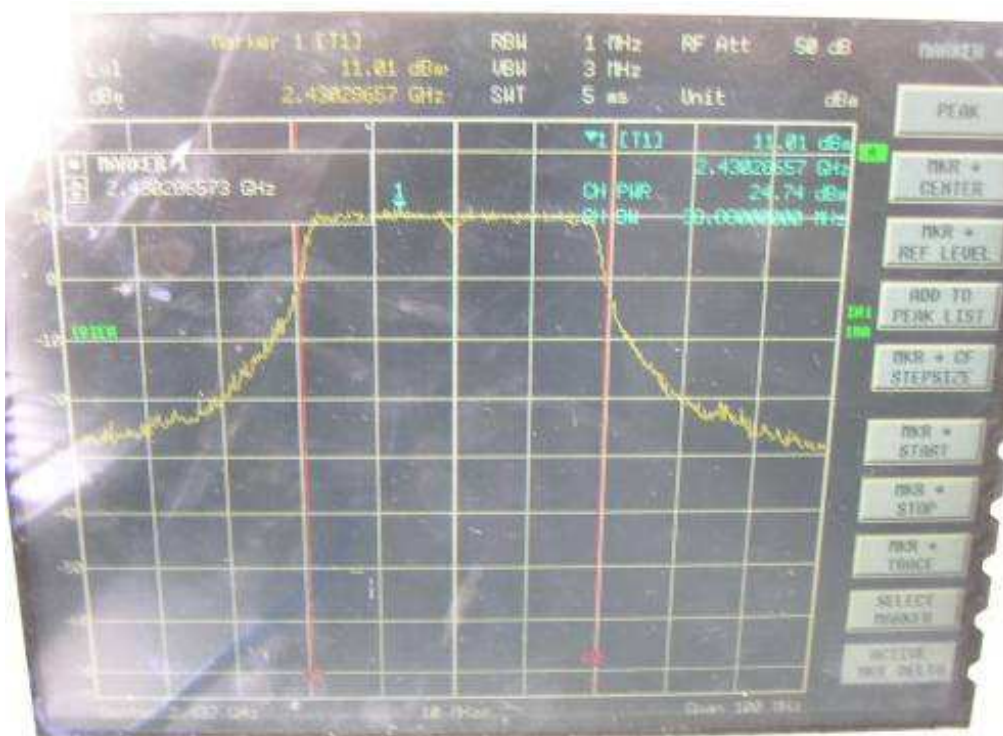
MCS1



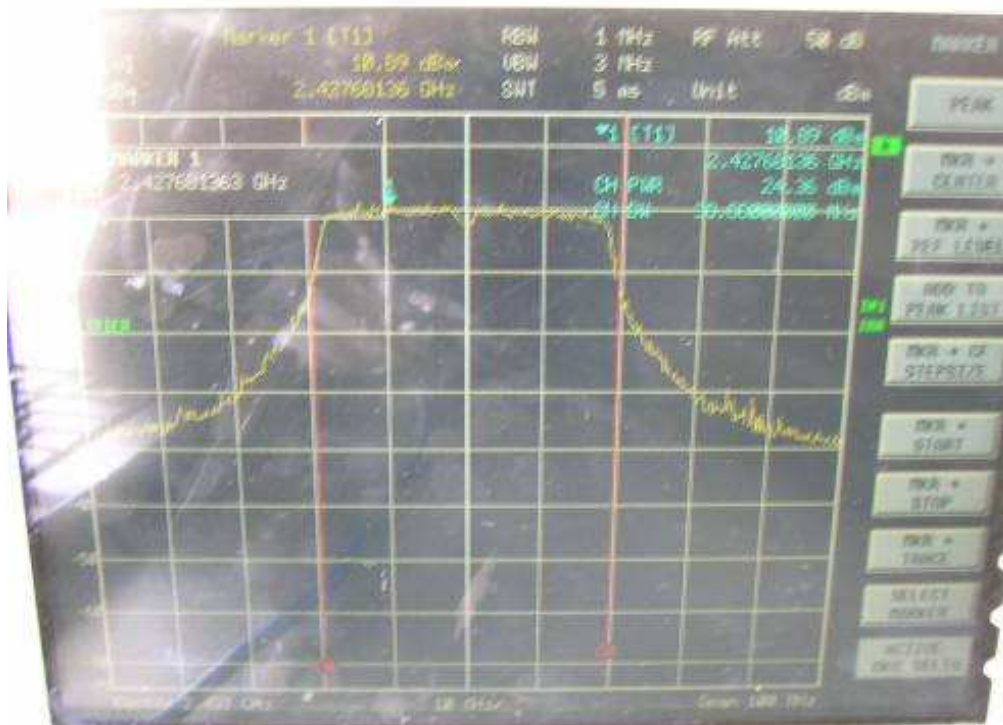
MCS2



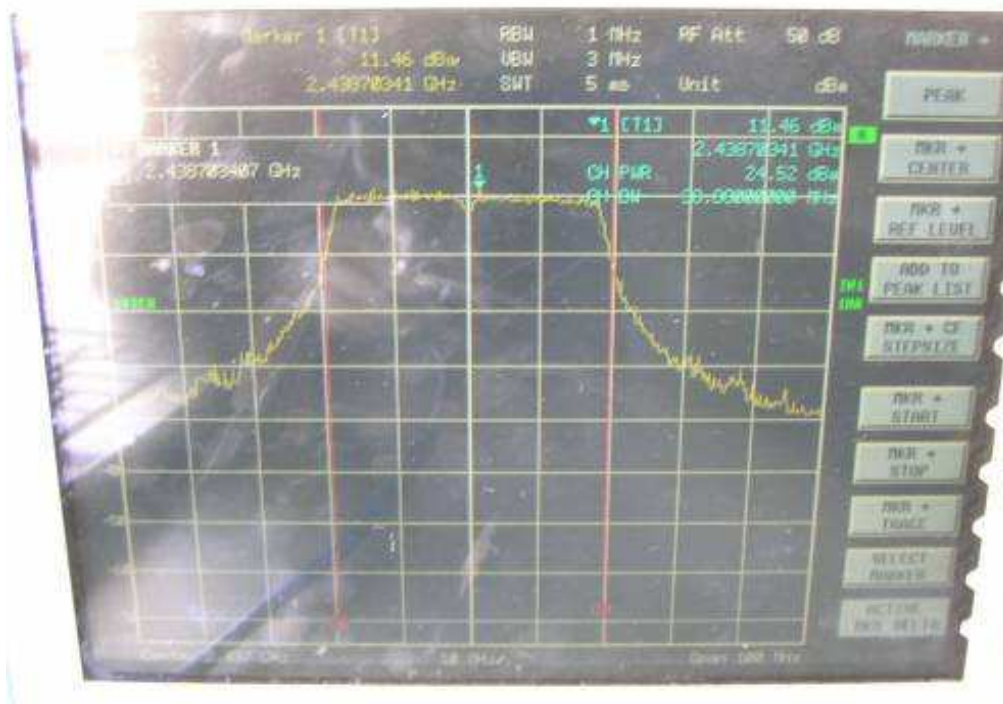
MCS3



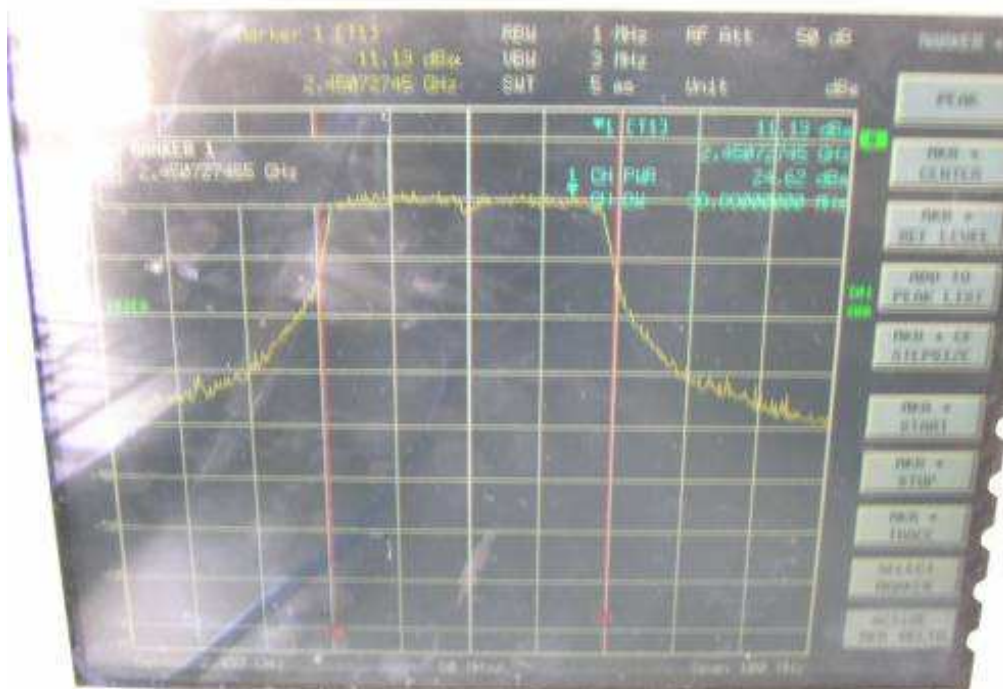
MCS4



MCS5



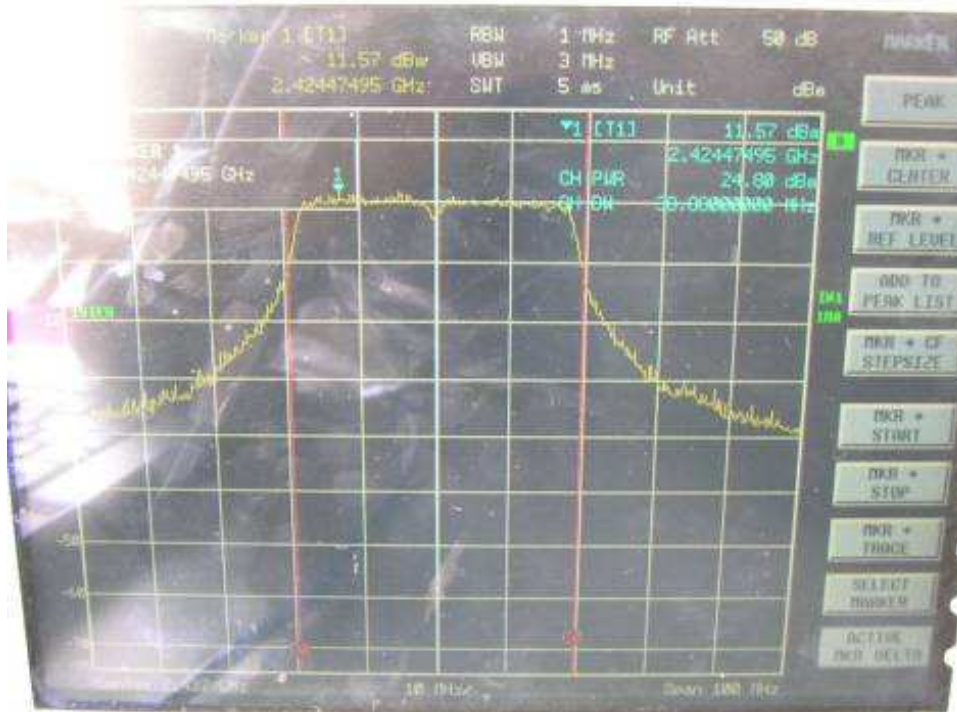
MCS6





FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

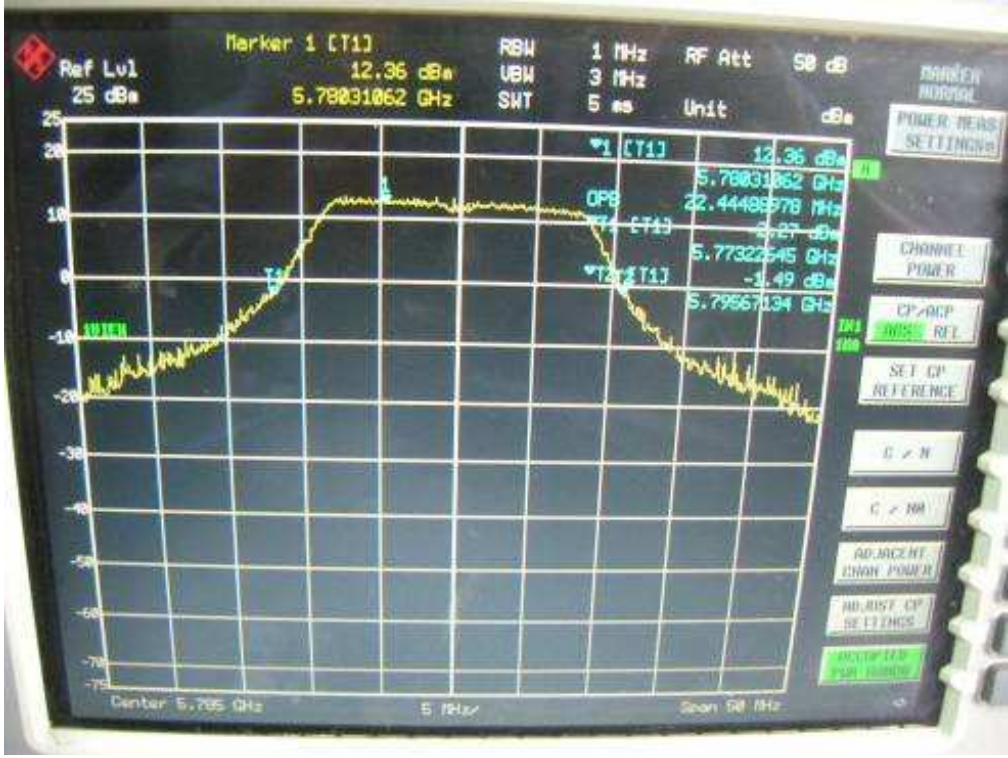
MCS7



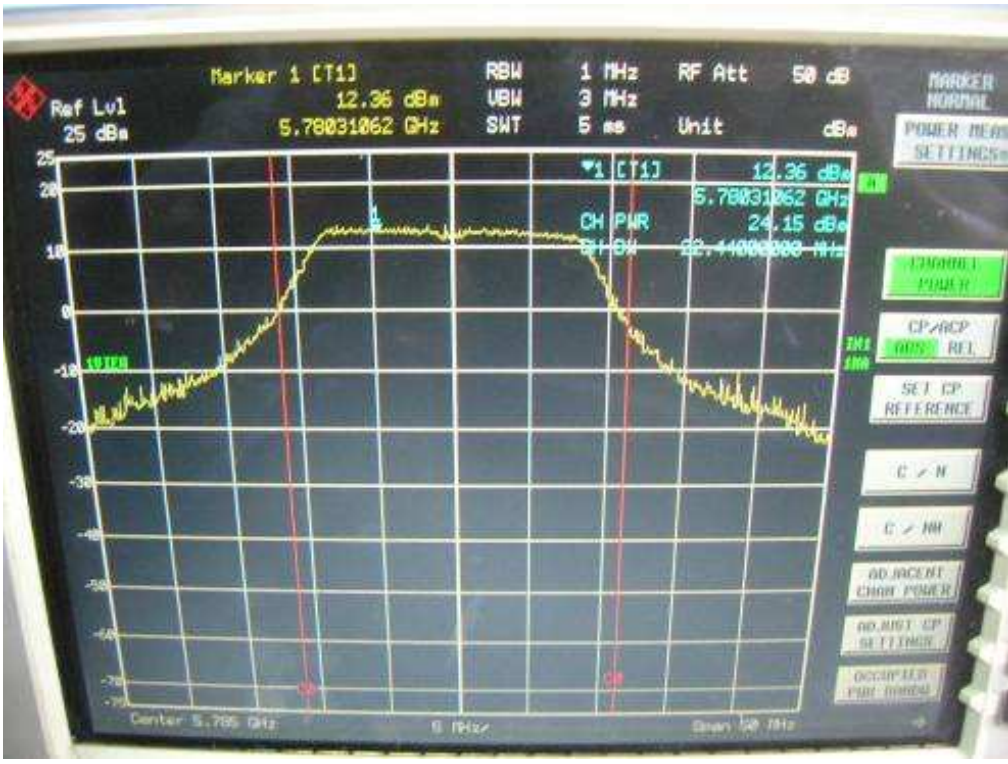
**Conclusion: at MCS7, the EUT has maximum output power.**

802.11n, 5.8GHz band, HT20

**Occupied Bandwidth**



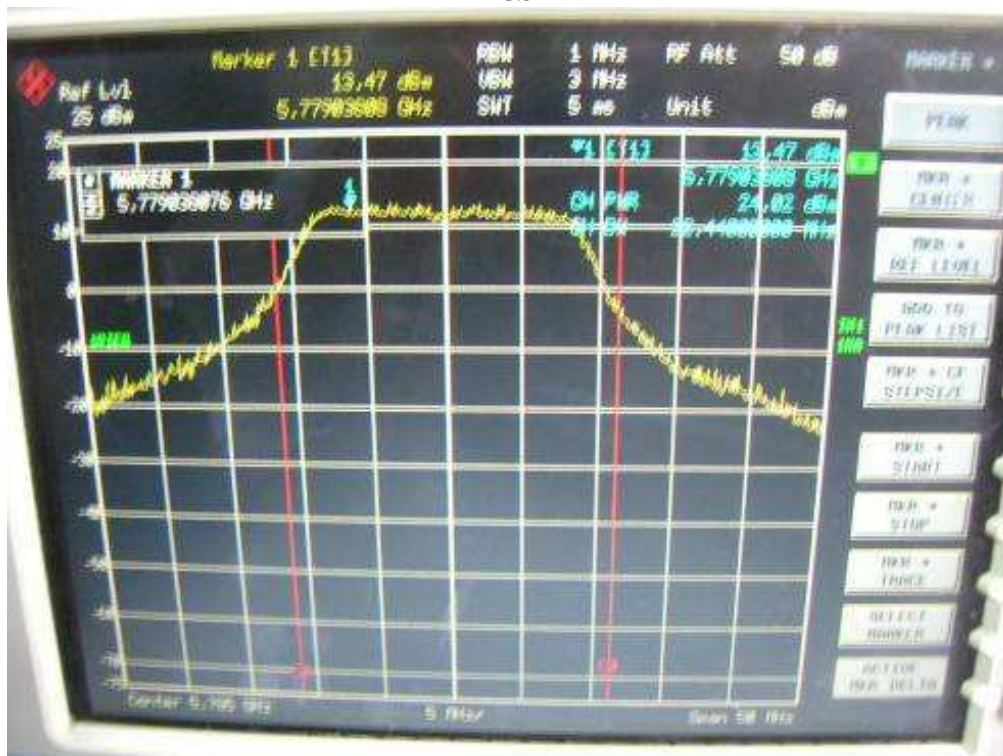
**MCS0**



MCS1

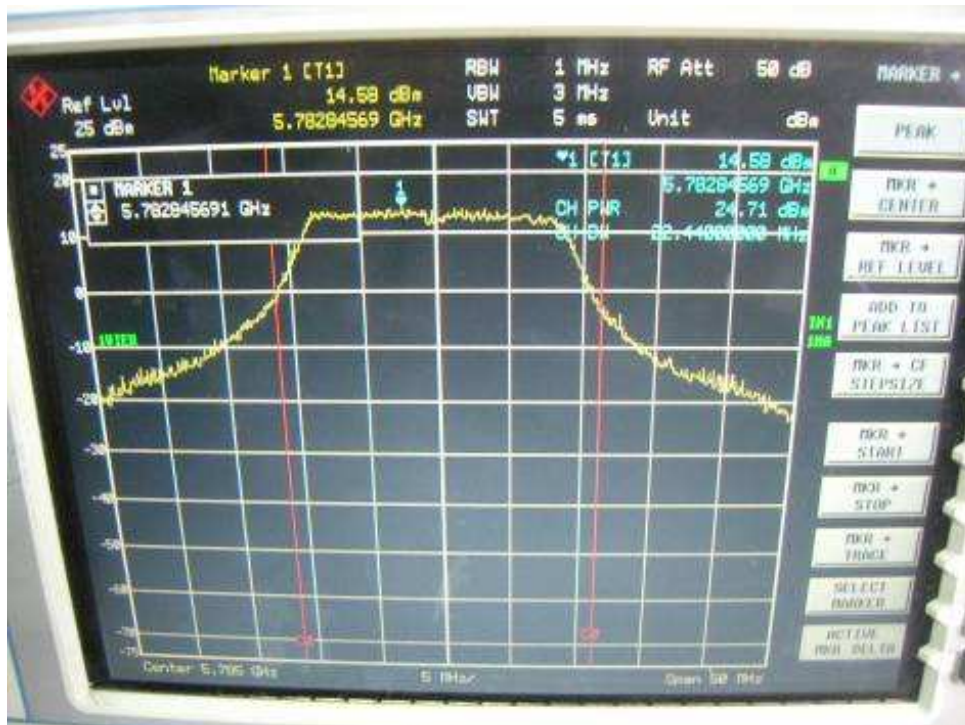


MCS2

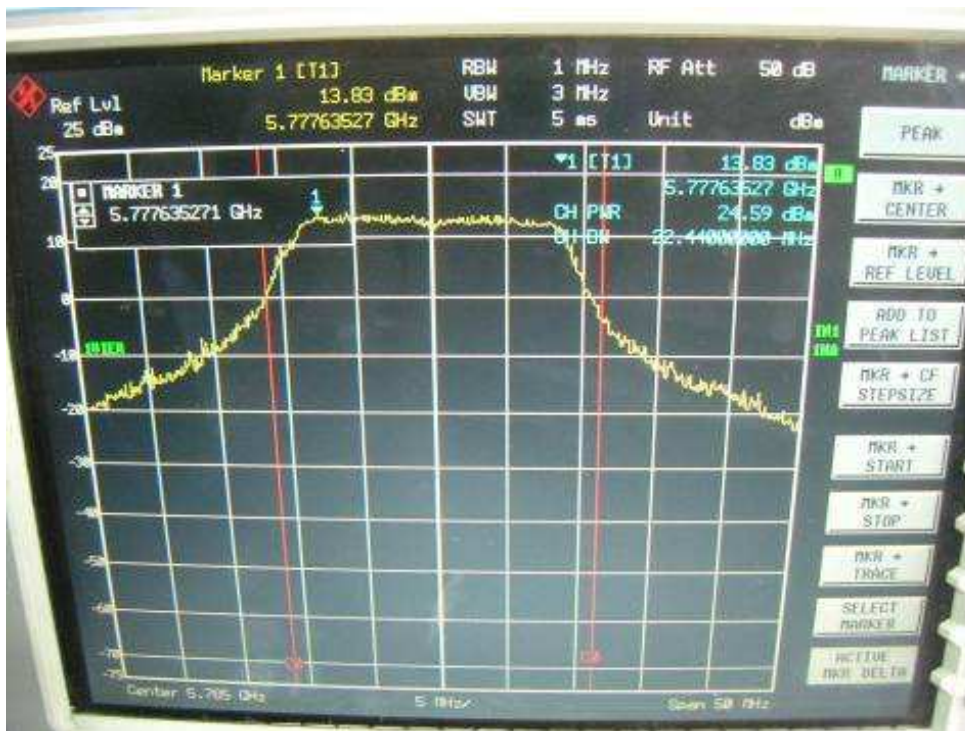




MCS3



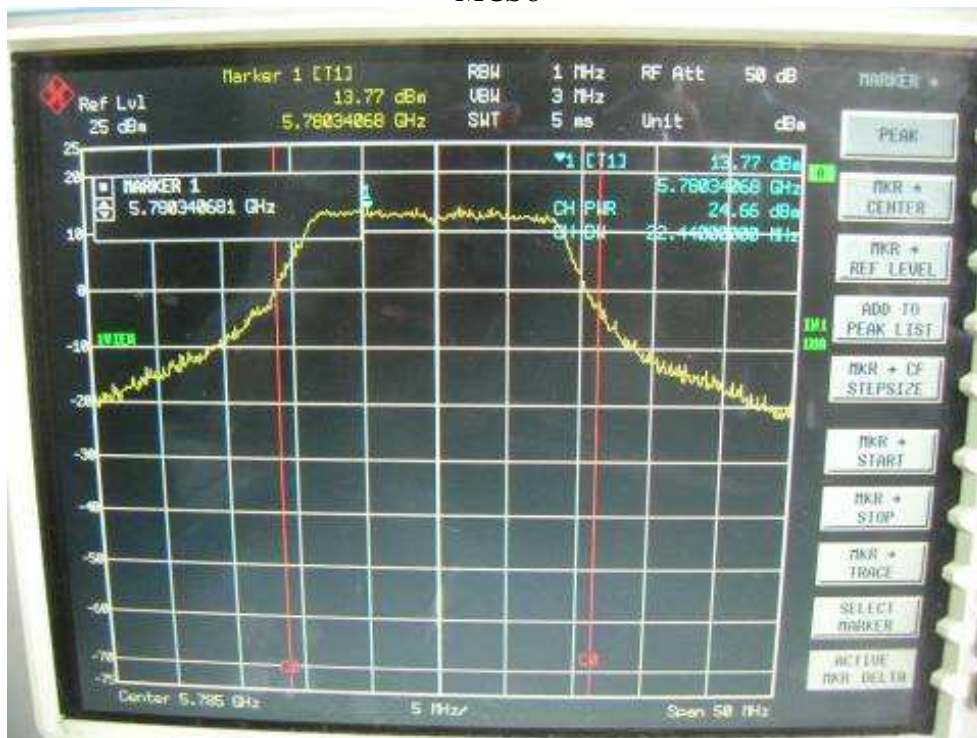
MCS4



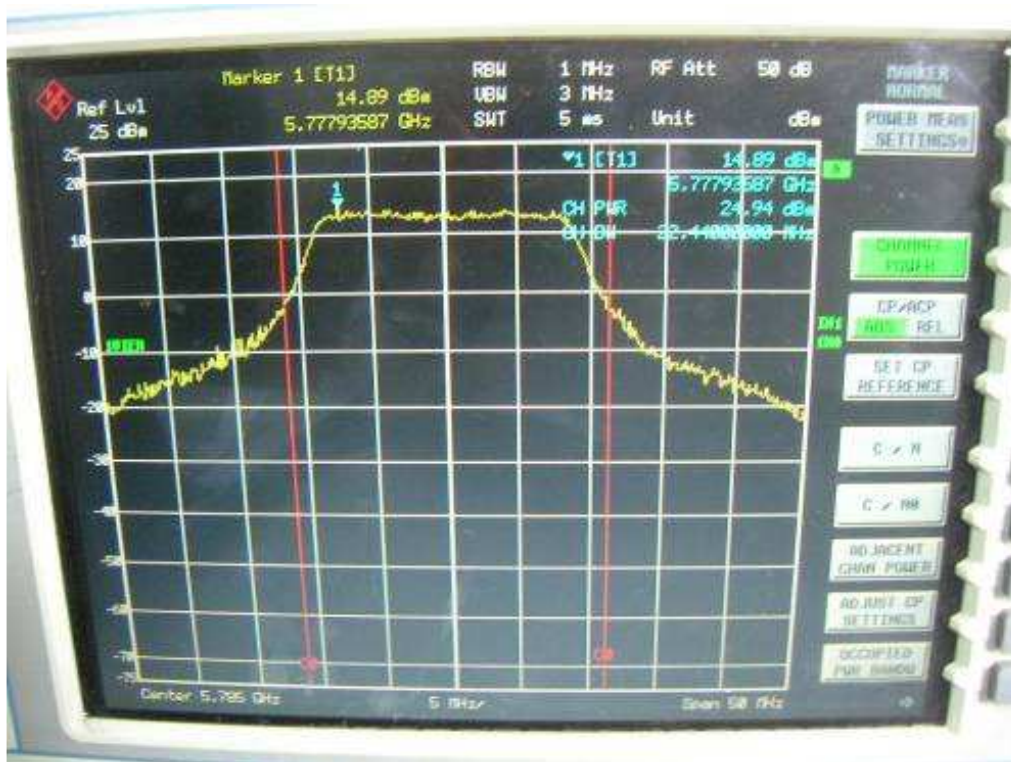
MCS5



MCS6



MCS7



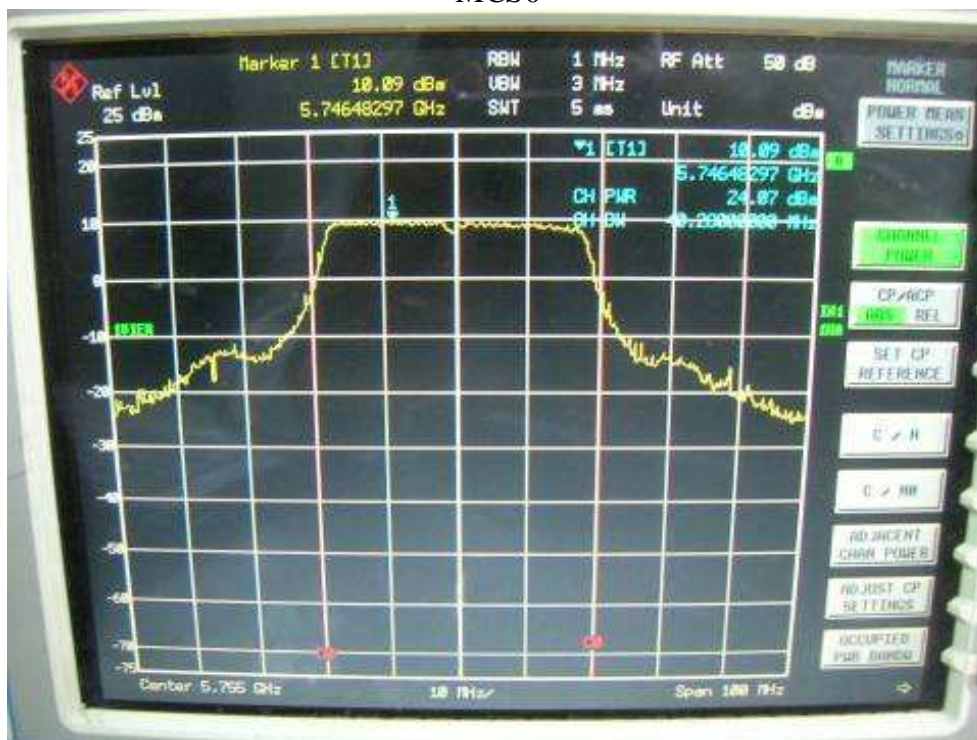
**Conclusion: at MCS7, the EUT has maximum output power.**

802.11n, 5.8GHz band, HT40, GI=0

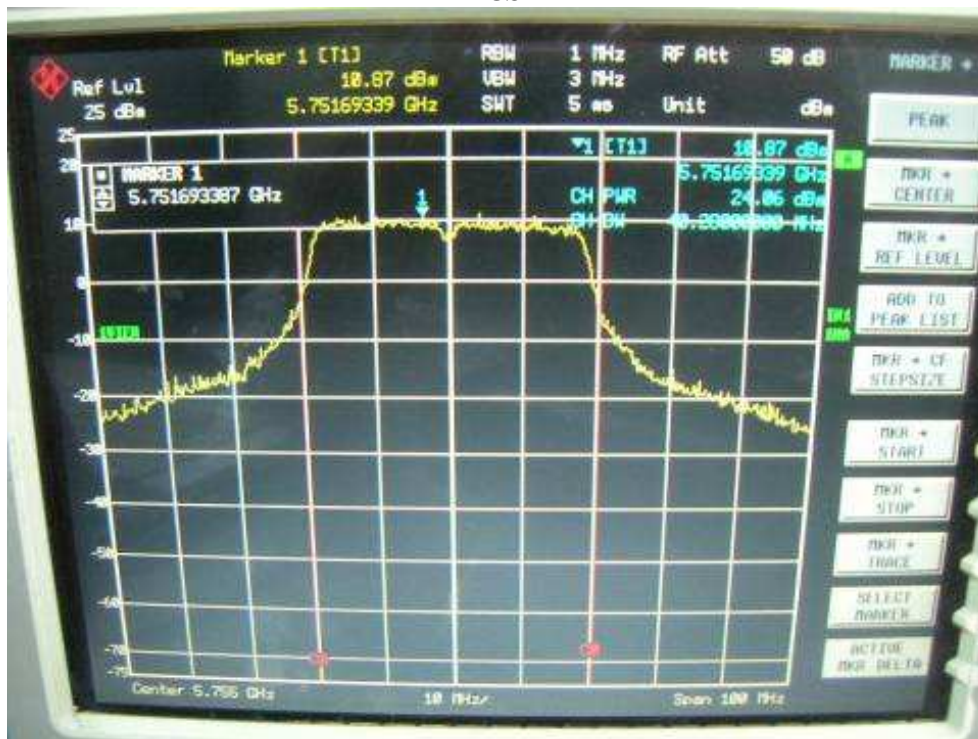
**Occupied Bandwidth**



**MCS0**



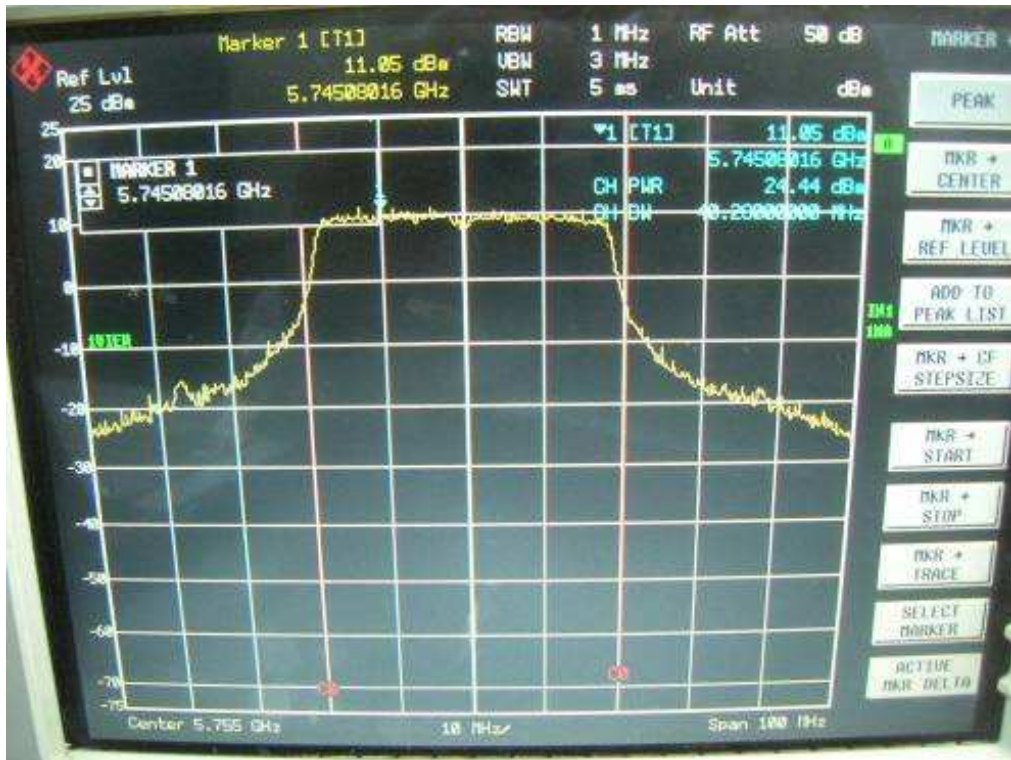
MCS1



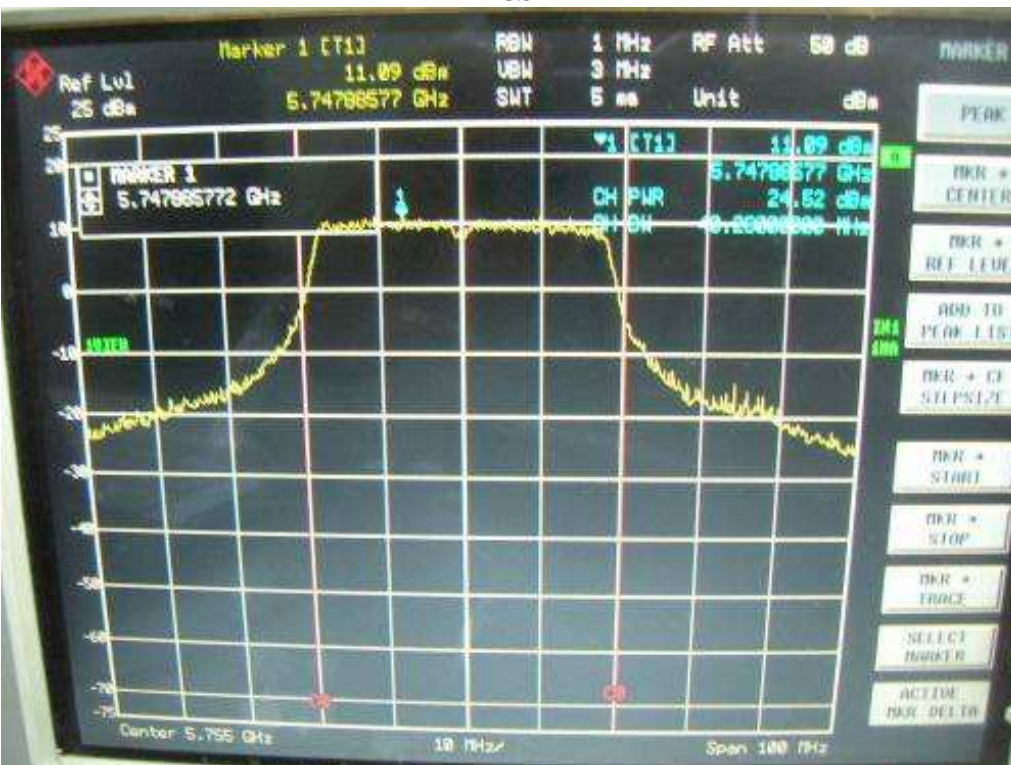
MCS2



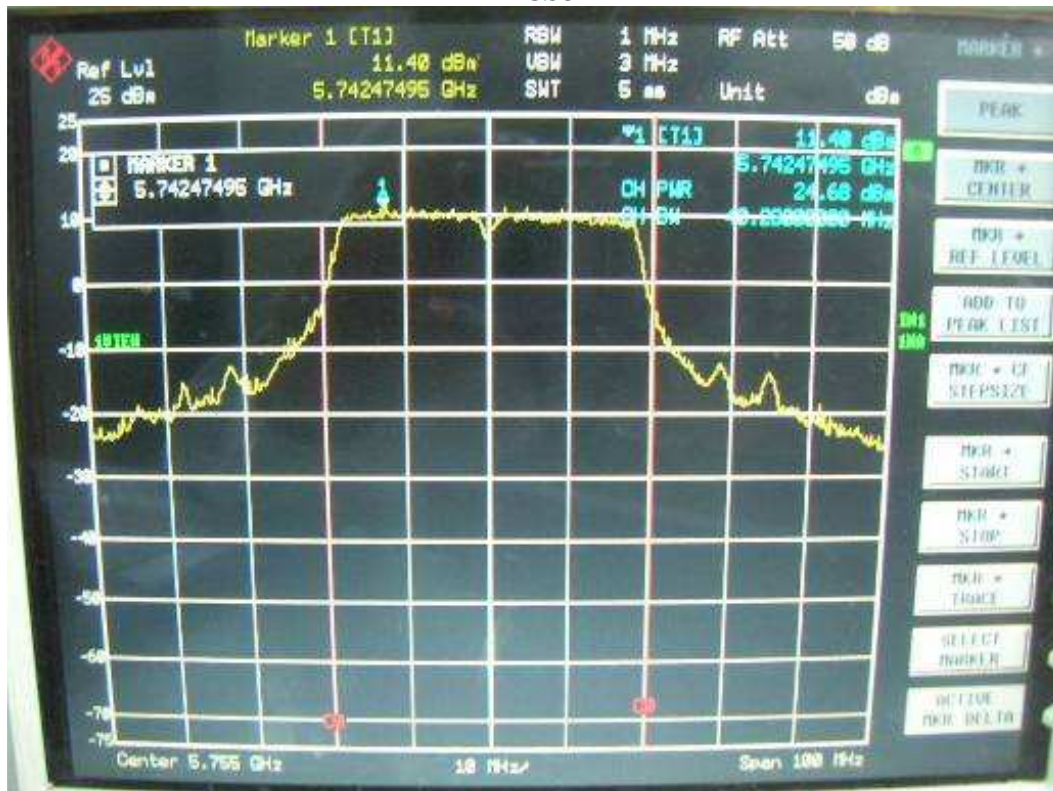
MCS3



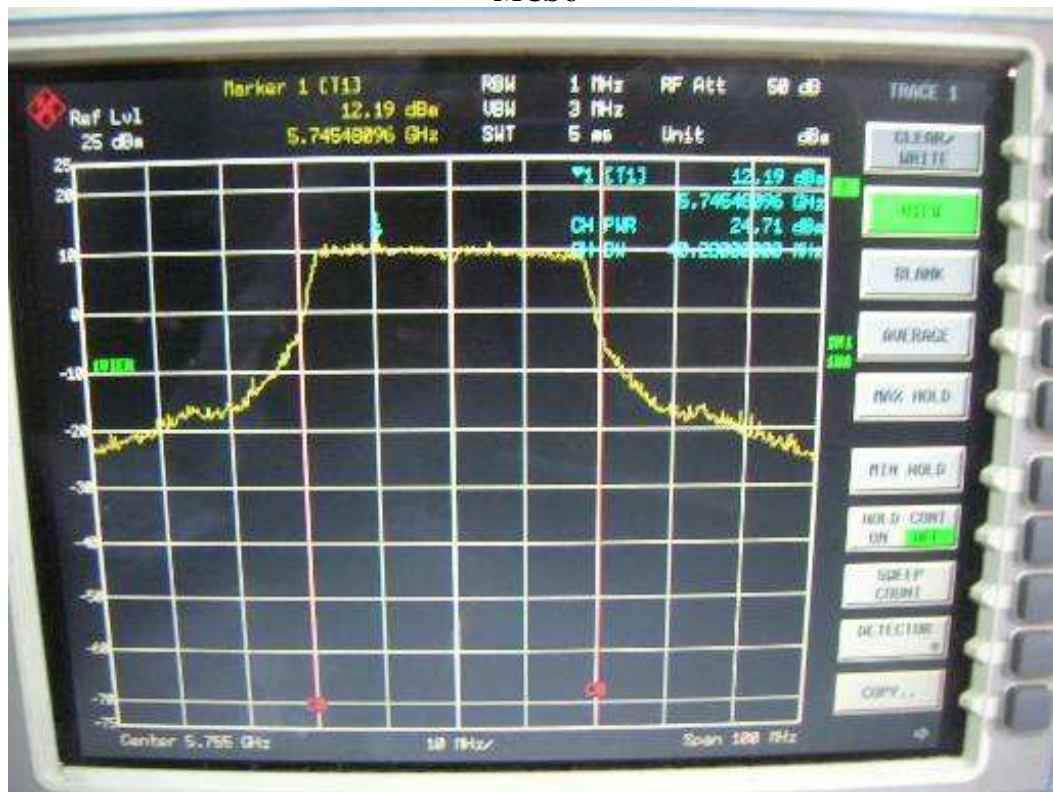
MCS4



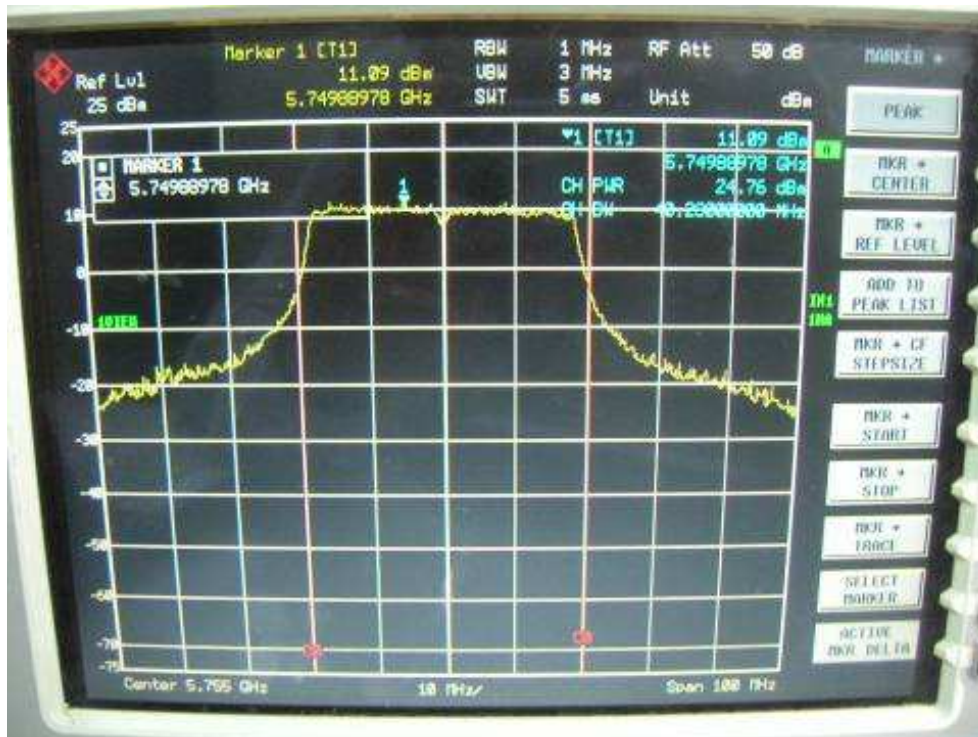
MCS5



MCS6



**MCS7**



**Conclusion: at MCS7, the EUT has maximum output power.**



802.11n, 5.8GHz band, HT40, GI=1

**Occupied Bandwidth**



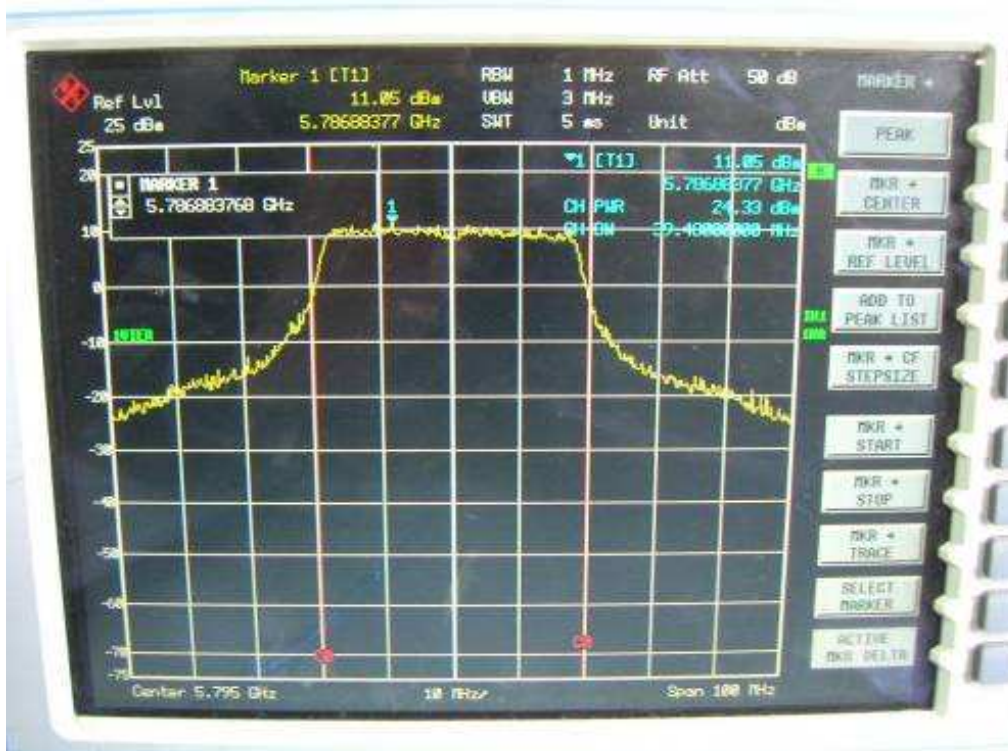
**MCS0**



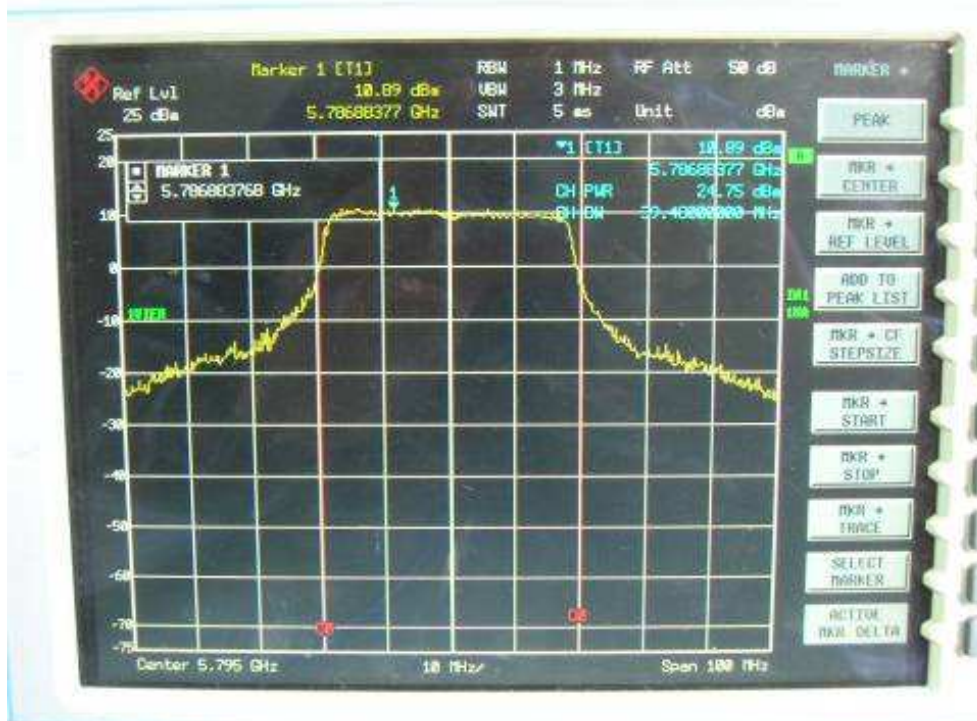
MCS1



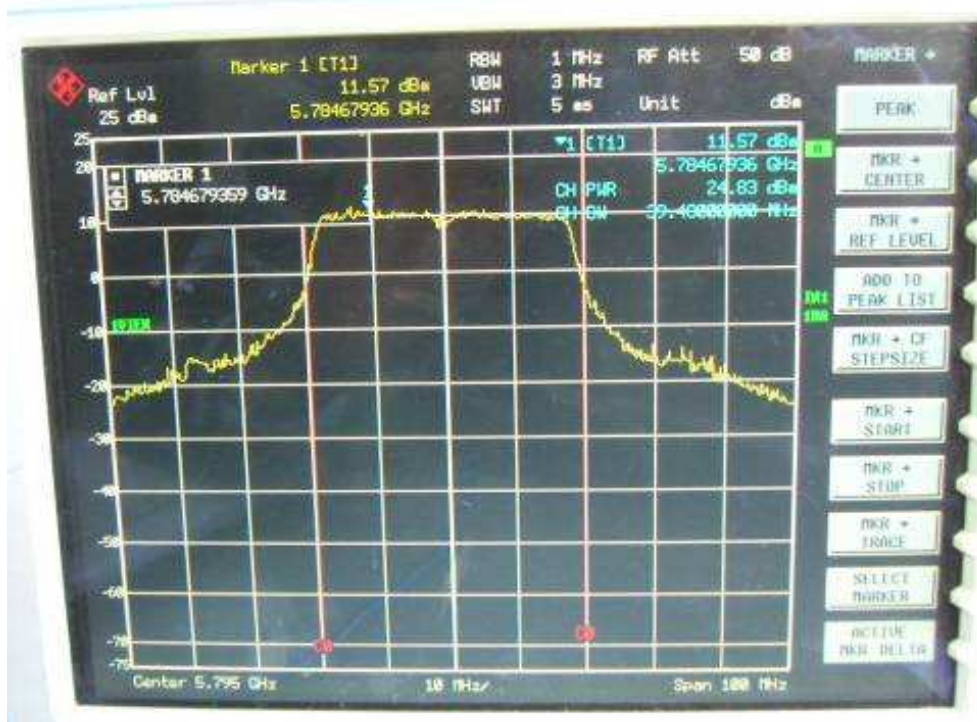
MCS2



MCS3



MCS4



MCS5



MCS6



MCS7



**Conclusion: at MCS7, the EUT has maximum output power.**

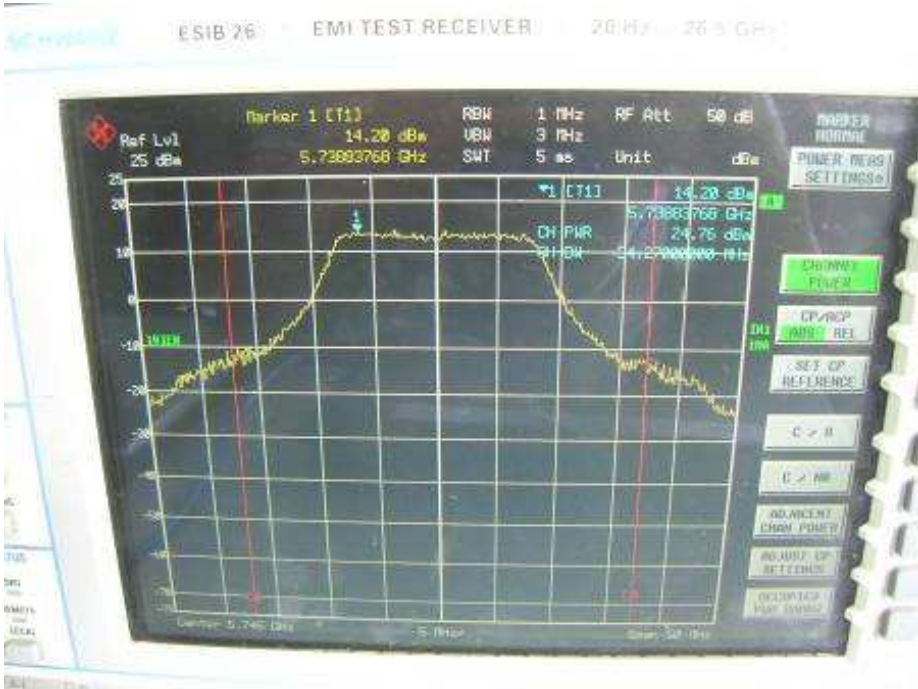
**2. Maximum peak output power**

802.11a, card 1, Chain 0

26dB Bandwidth



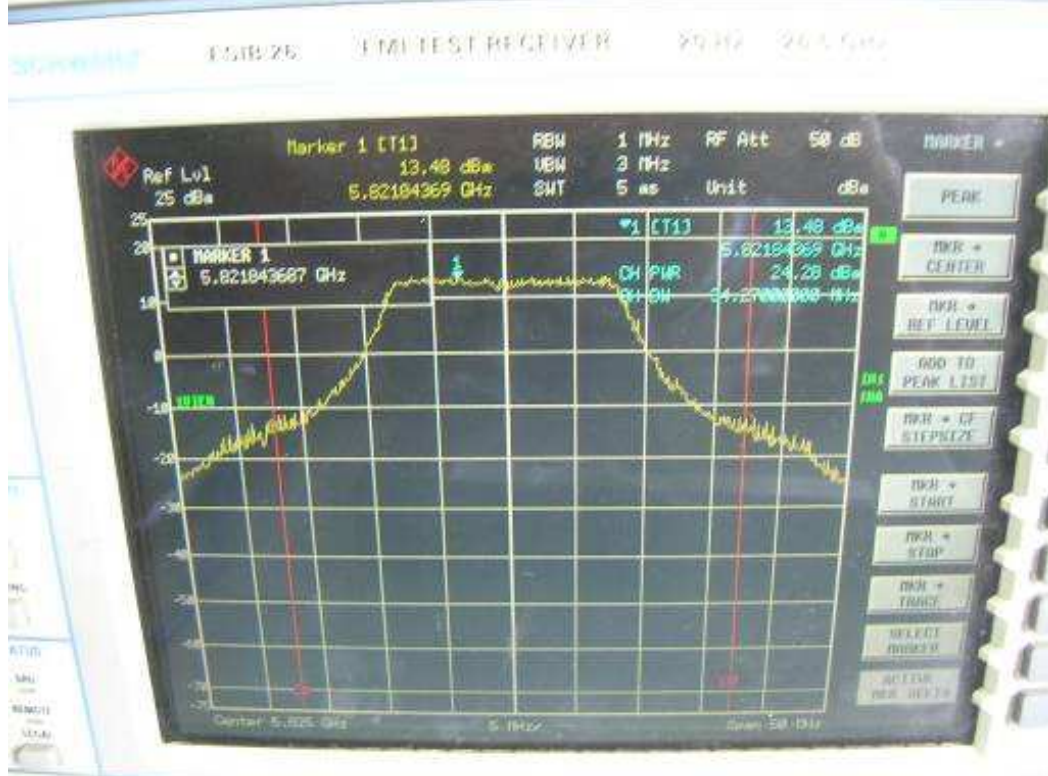
Channel L



Channel M



Channel H

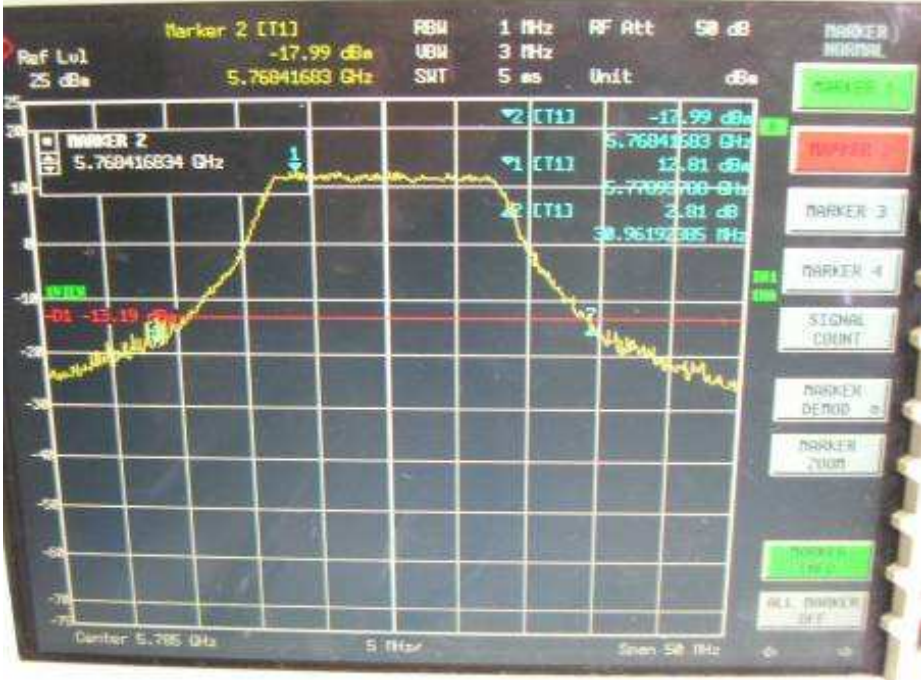




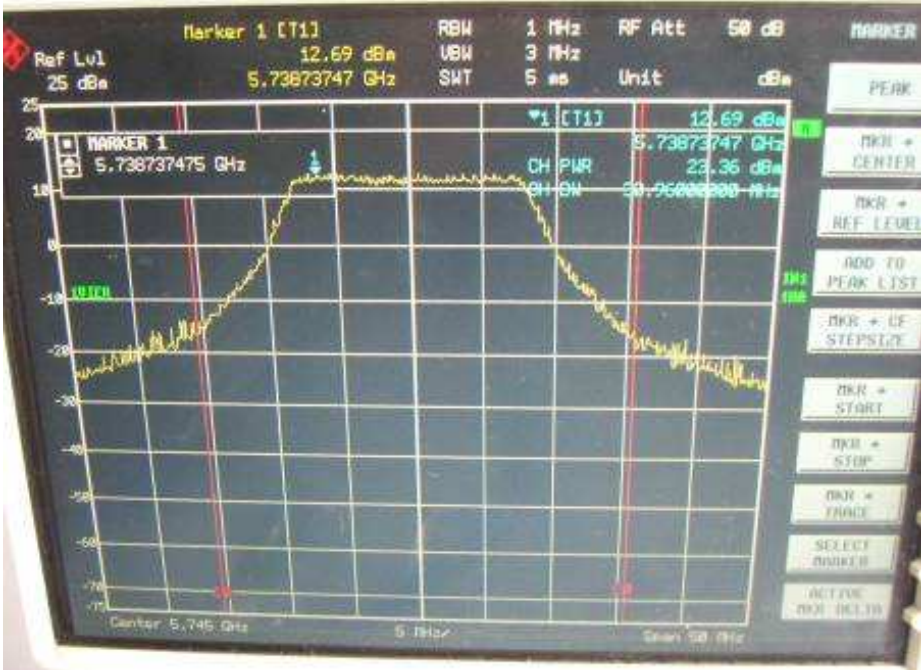
FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11a, card 1, Chain 1

26dB Bandwidth

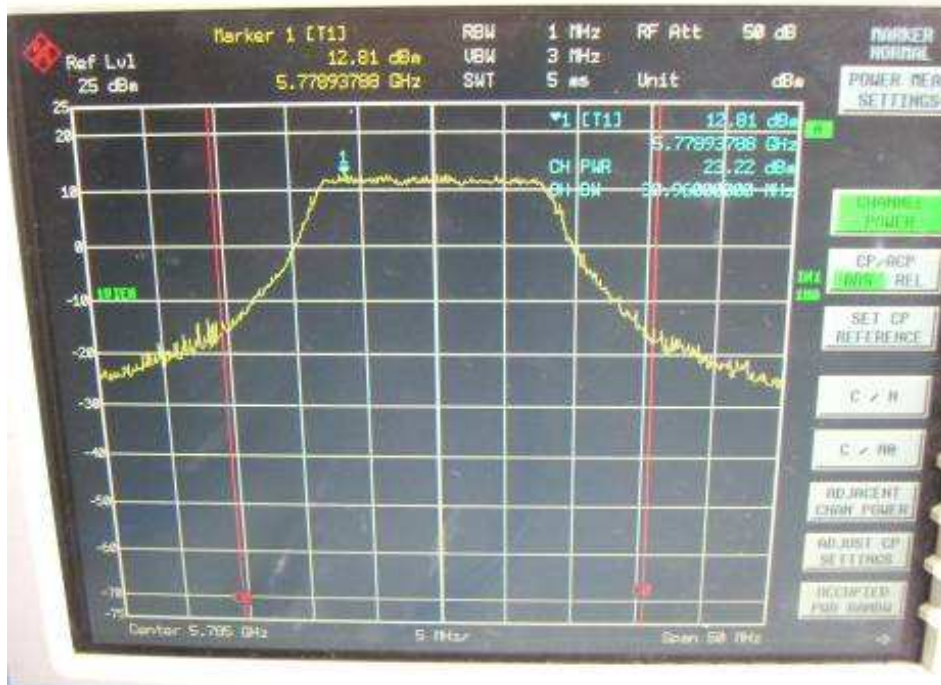


Channel L

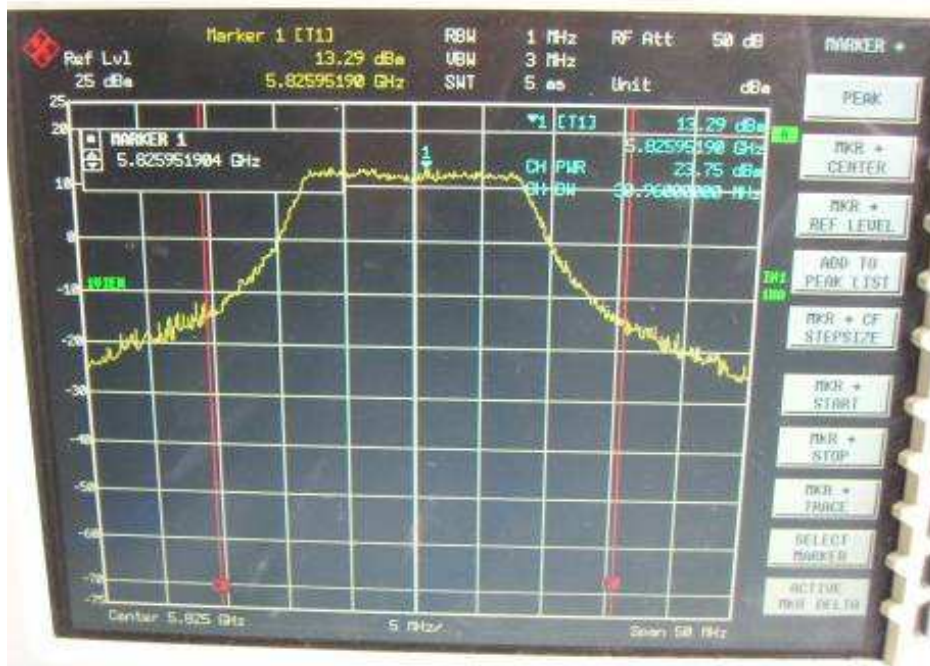




**Channel M**



**Channel H**





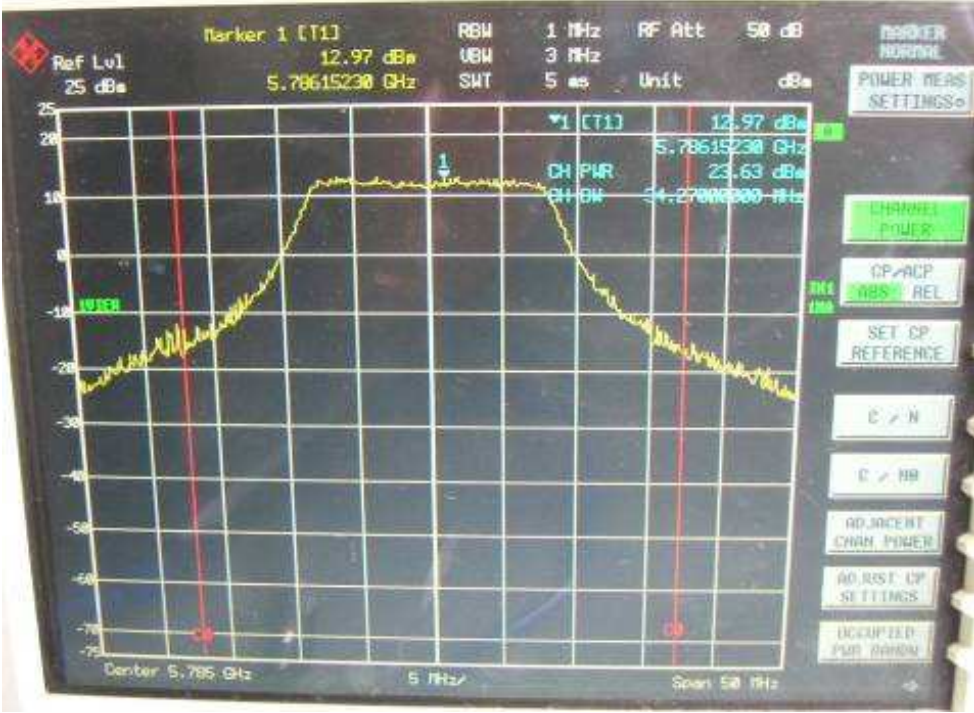
FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11a, card 2, Chain 0

26dB Bandwidth



Channel M

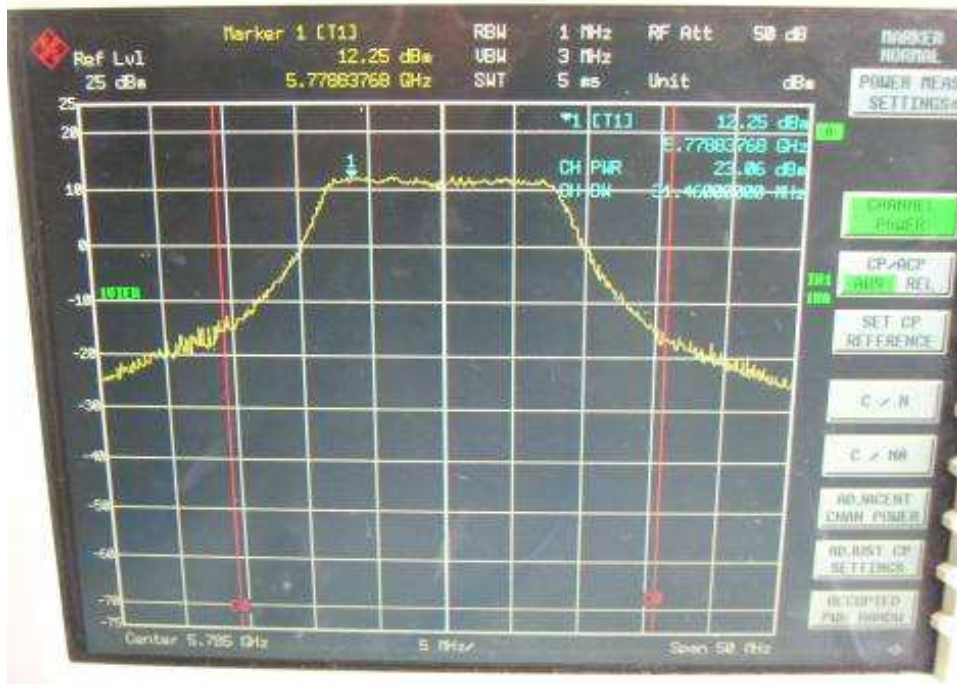


802.11a, card 2, Chain 1

26dB Bandwidth



Channel M

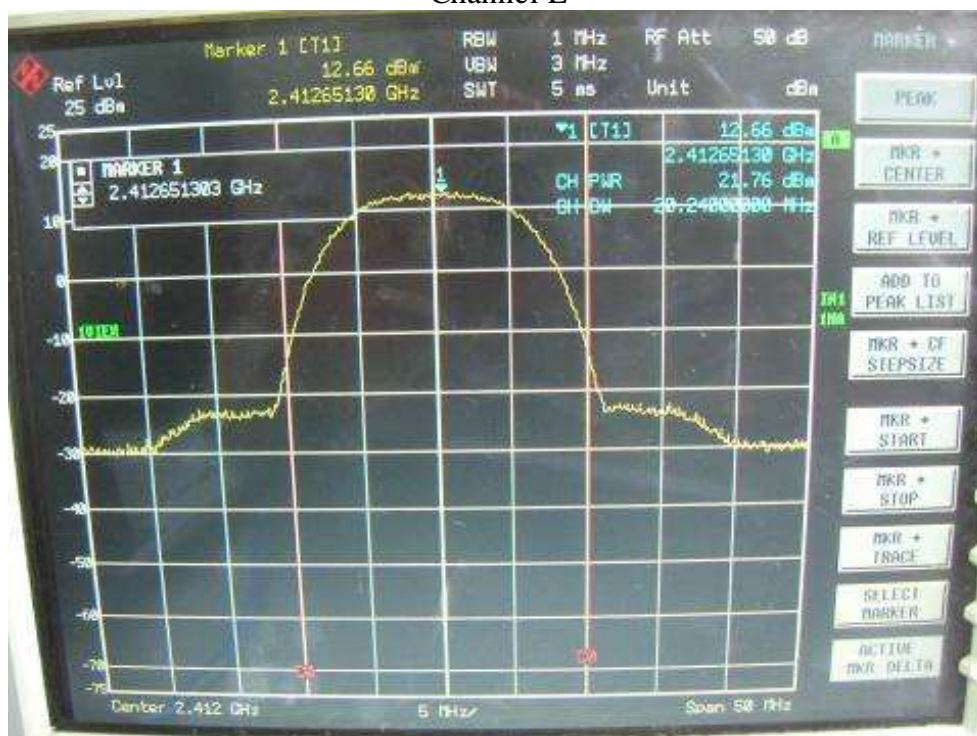


802.11b, card 1, Chain 0

26dB Bandwidth



Channel L



Channel M



Channel H

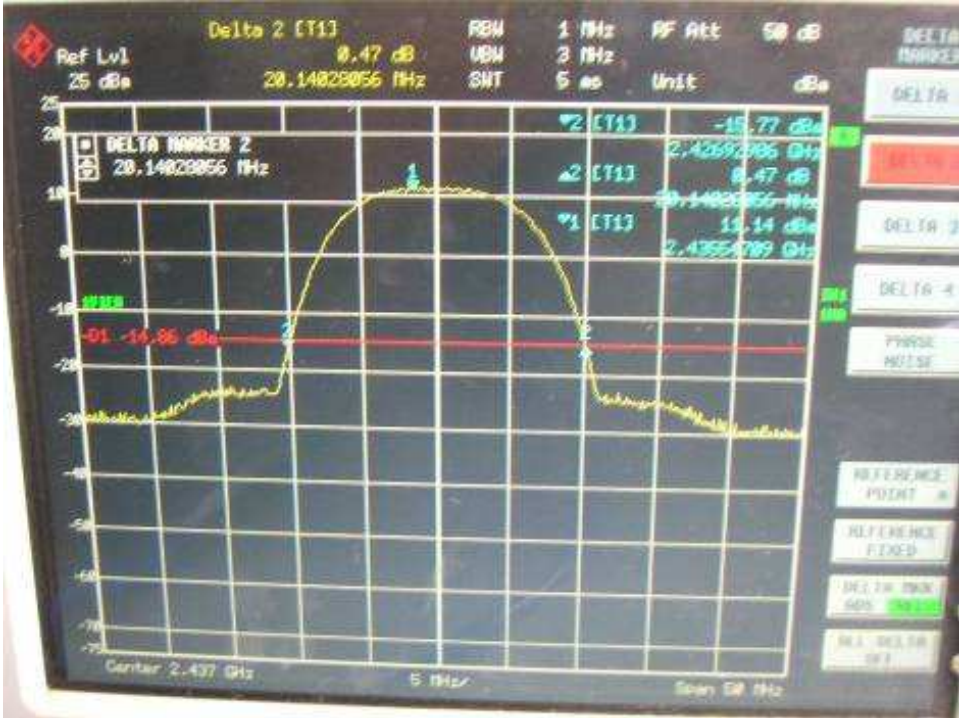




FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11b, card 1, Chain 1

26dB Bandwidth



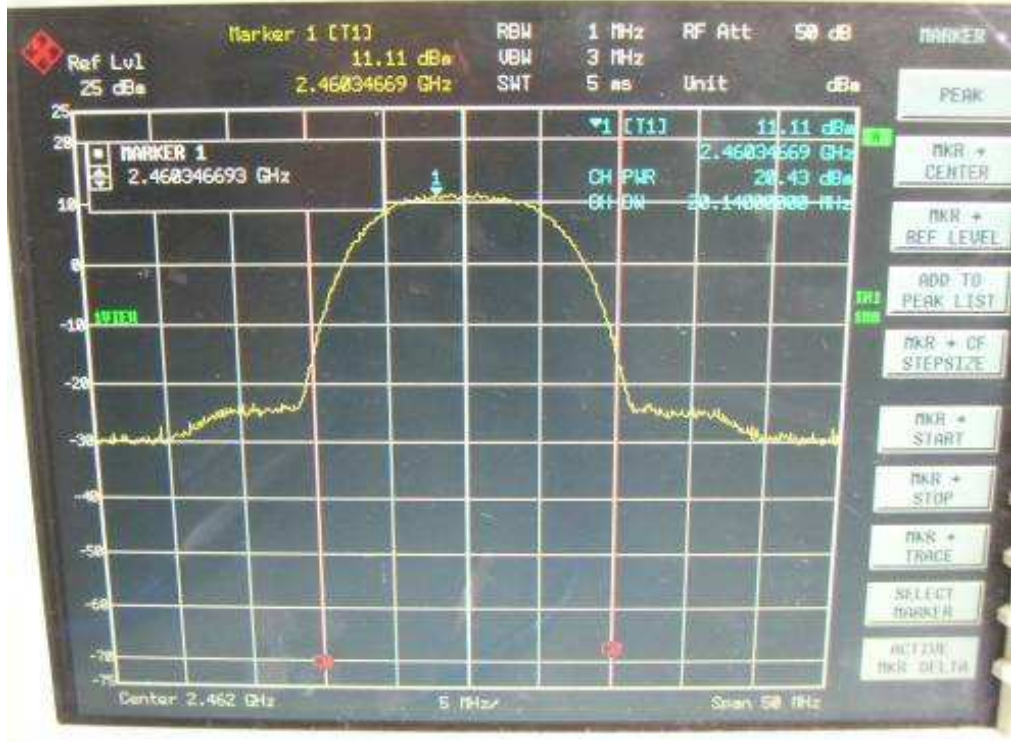
Channel L



Channel M



Channel H

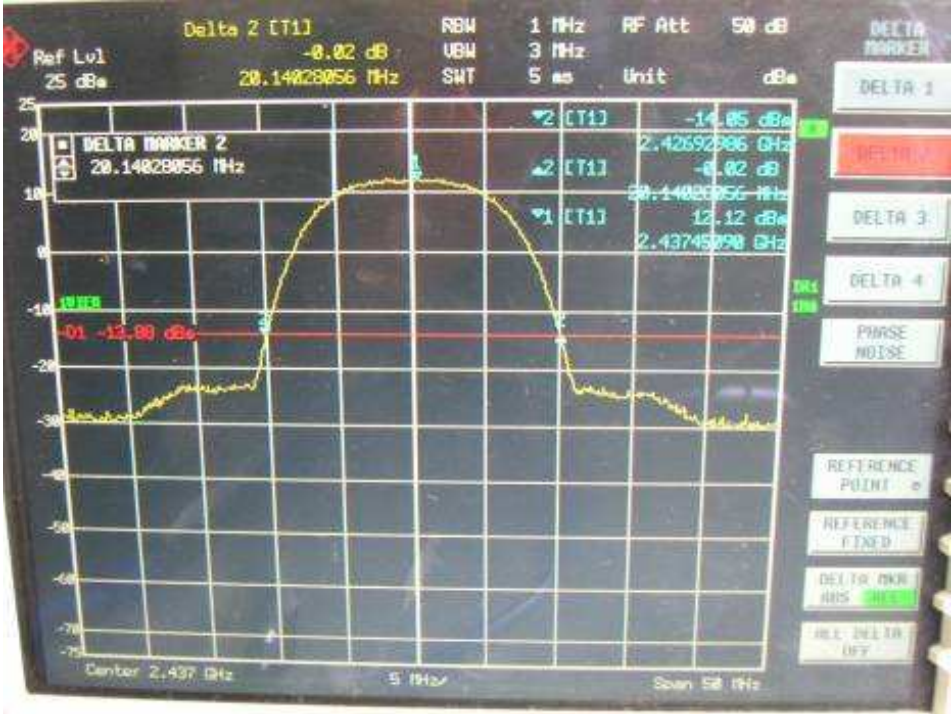




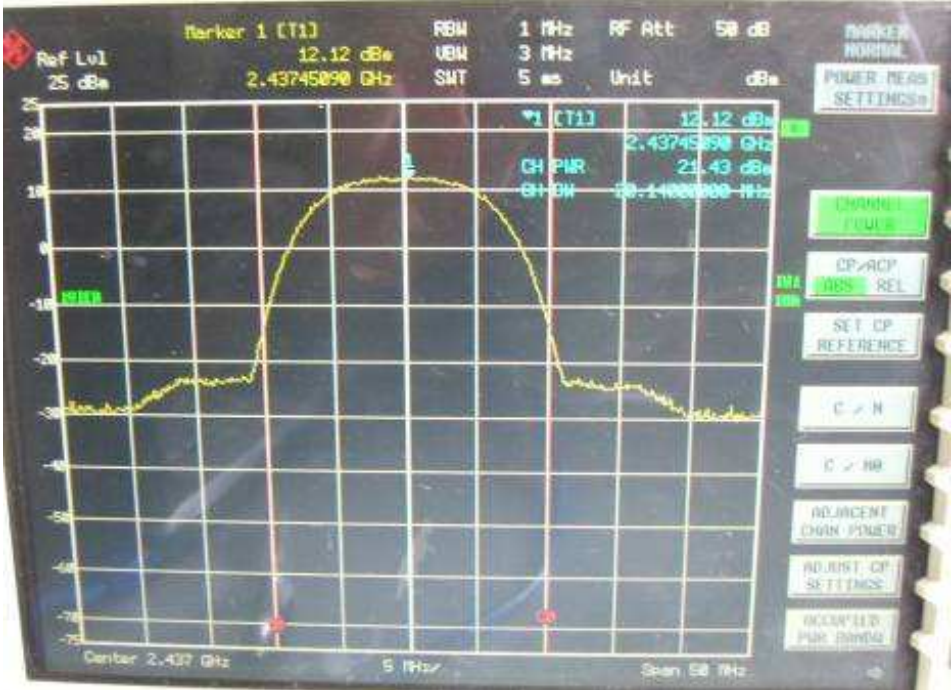
FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11b, card 2, Chain 0

26dB Bandwidth



Channel M



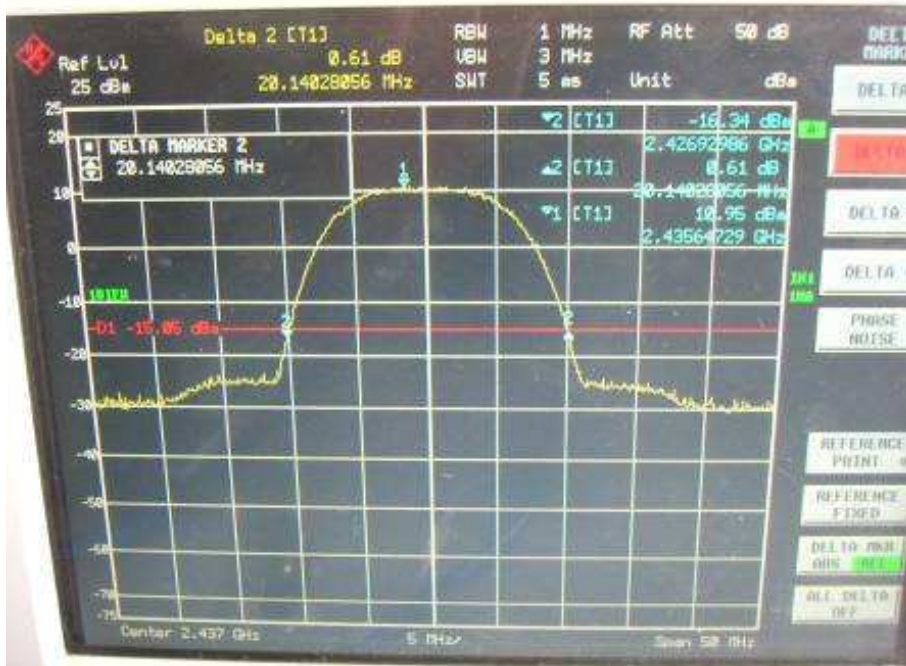




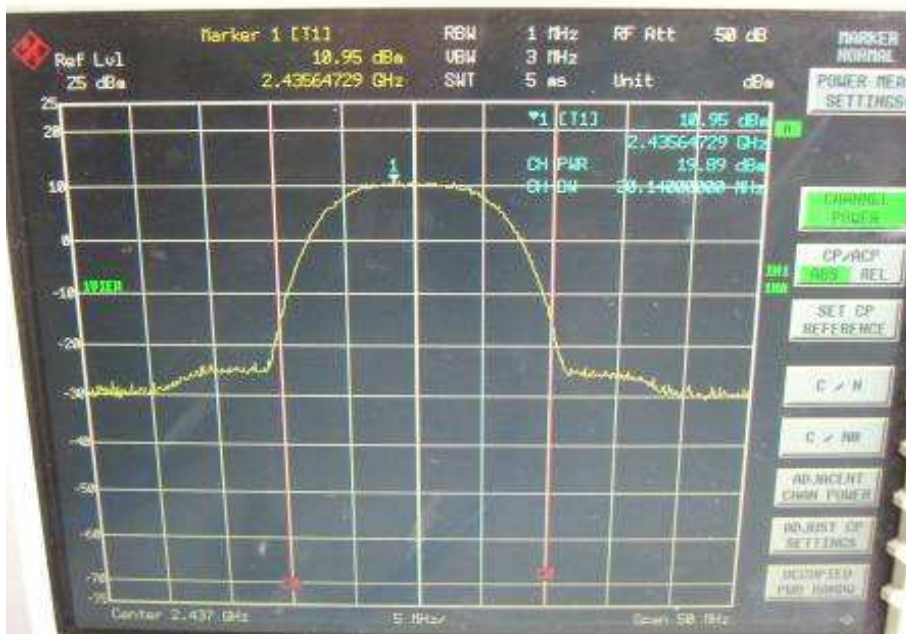
FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11b, card 2, Chain1

### 26dB Bandwidth

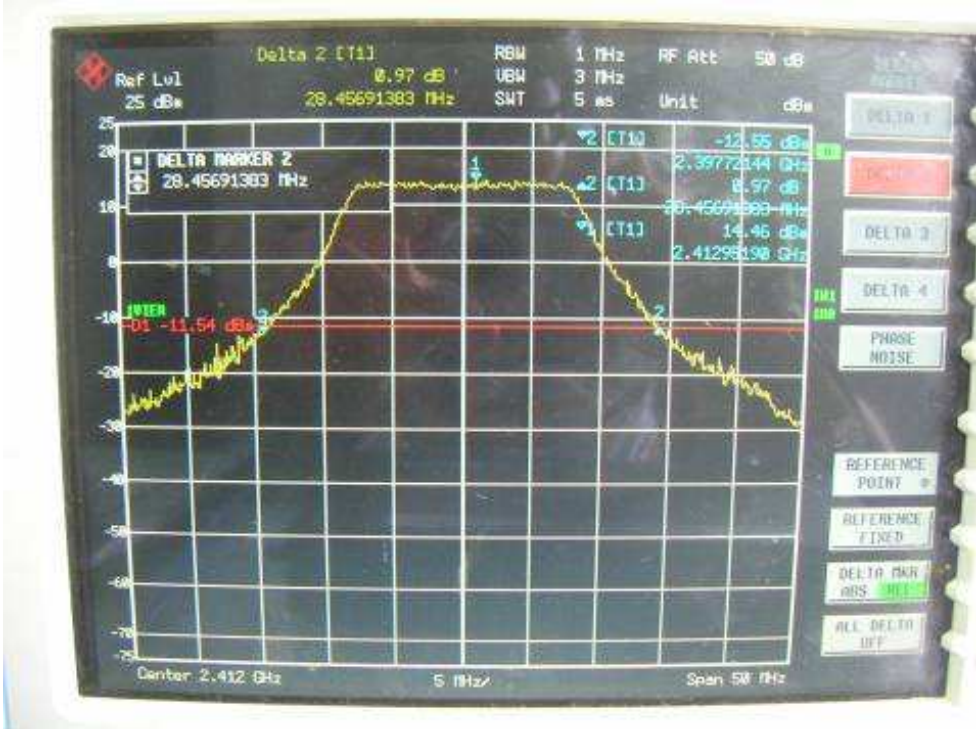


### Channel M

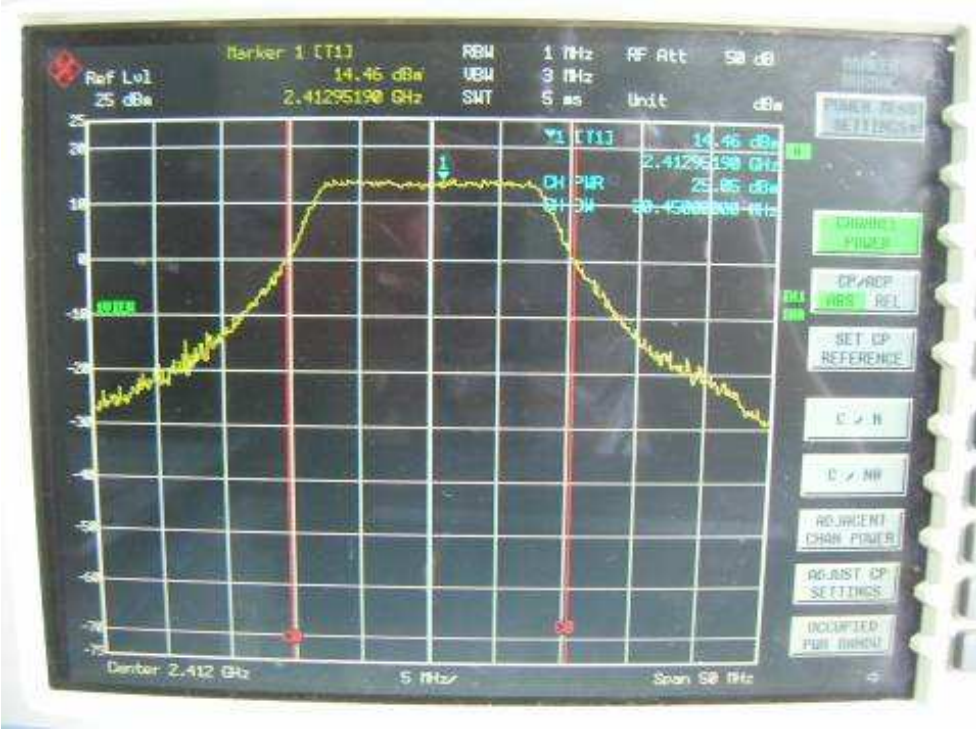


802.11g, card 1, Chain0

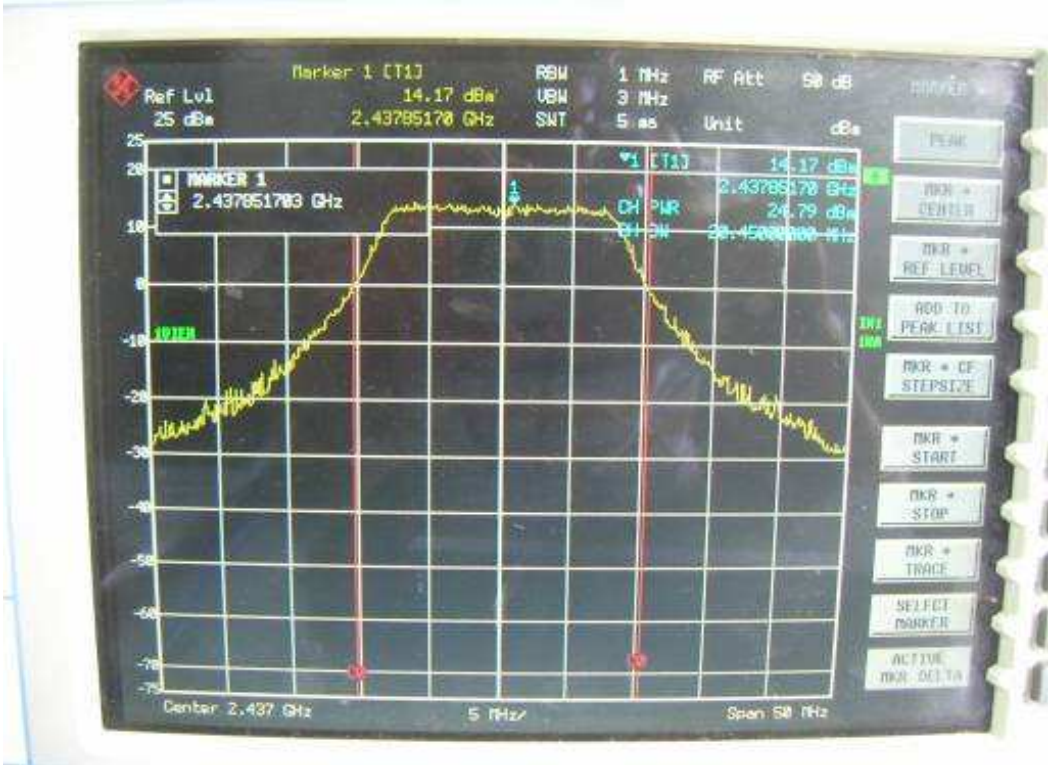
**26dB Bandwidth**



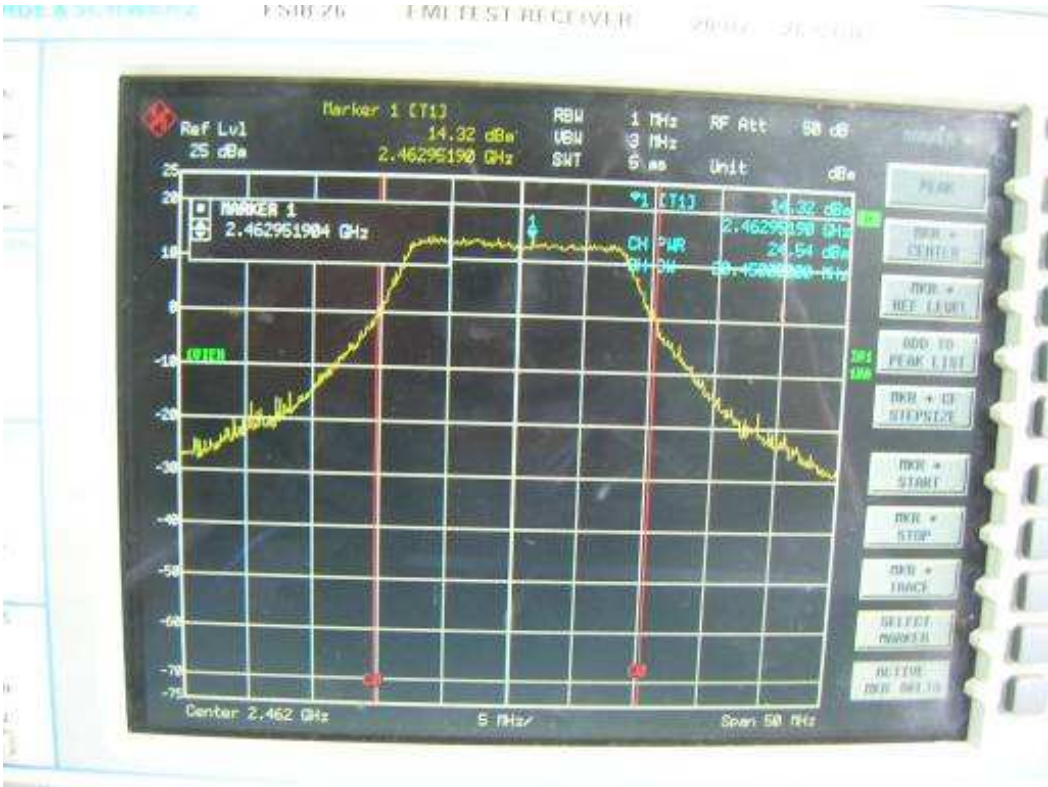
**Channel L**



Channel M



Channel H

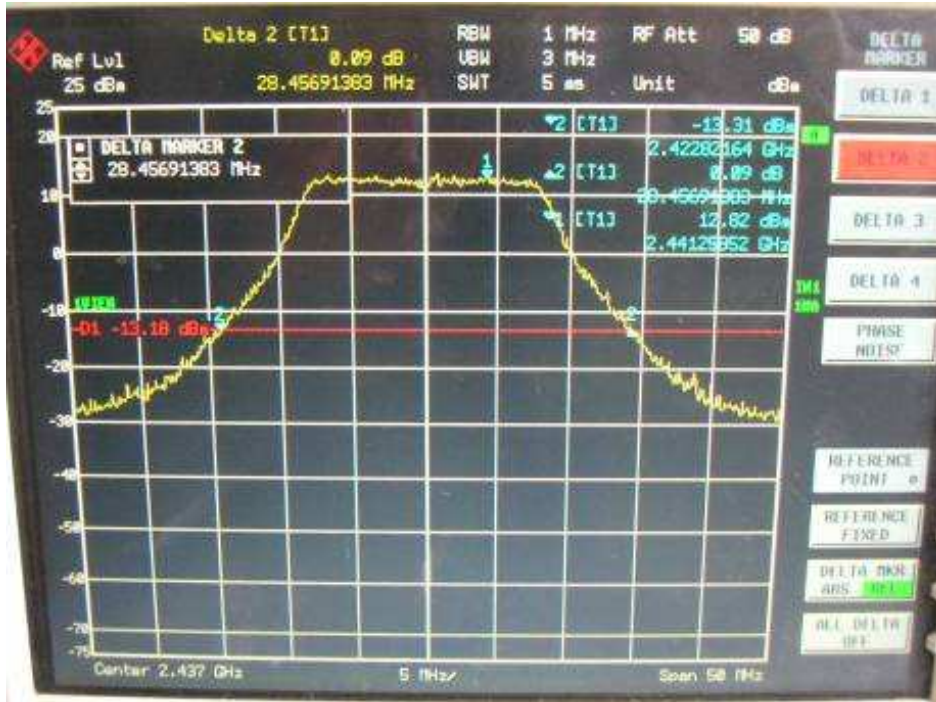




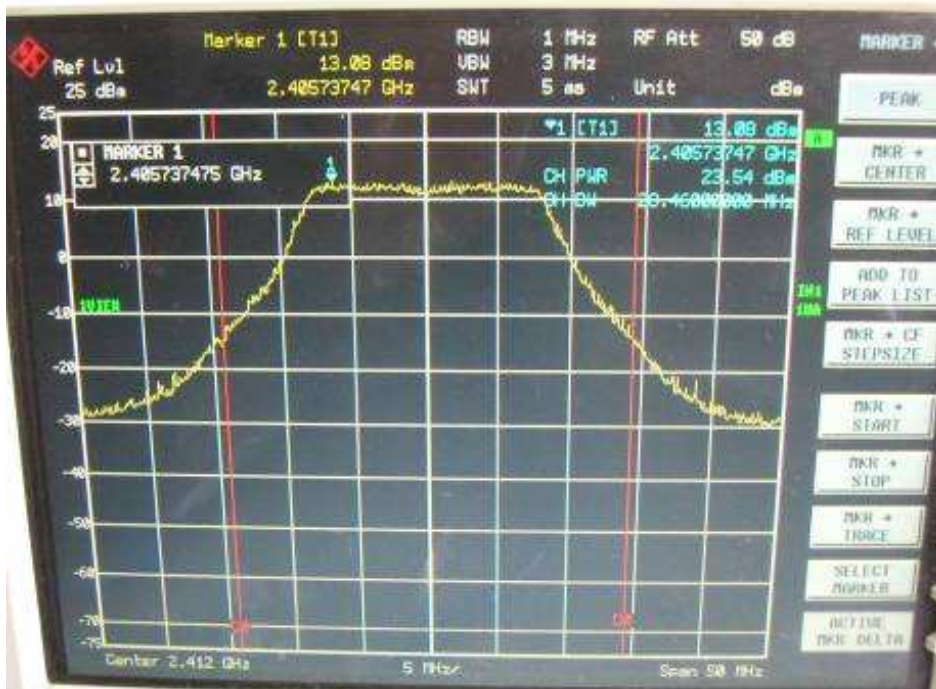
FCC ID: Q9DMSR1200N  
IC: 4675A-MSR1200N

802.11g, card 1, Chain1

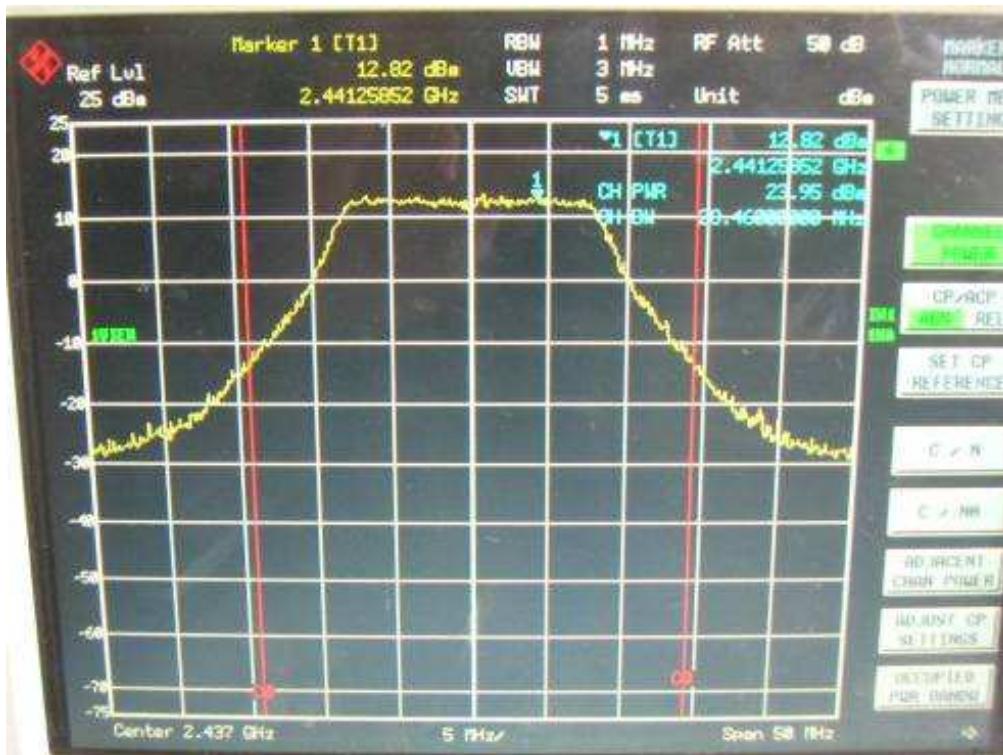
### 26dB Bandwidth



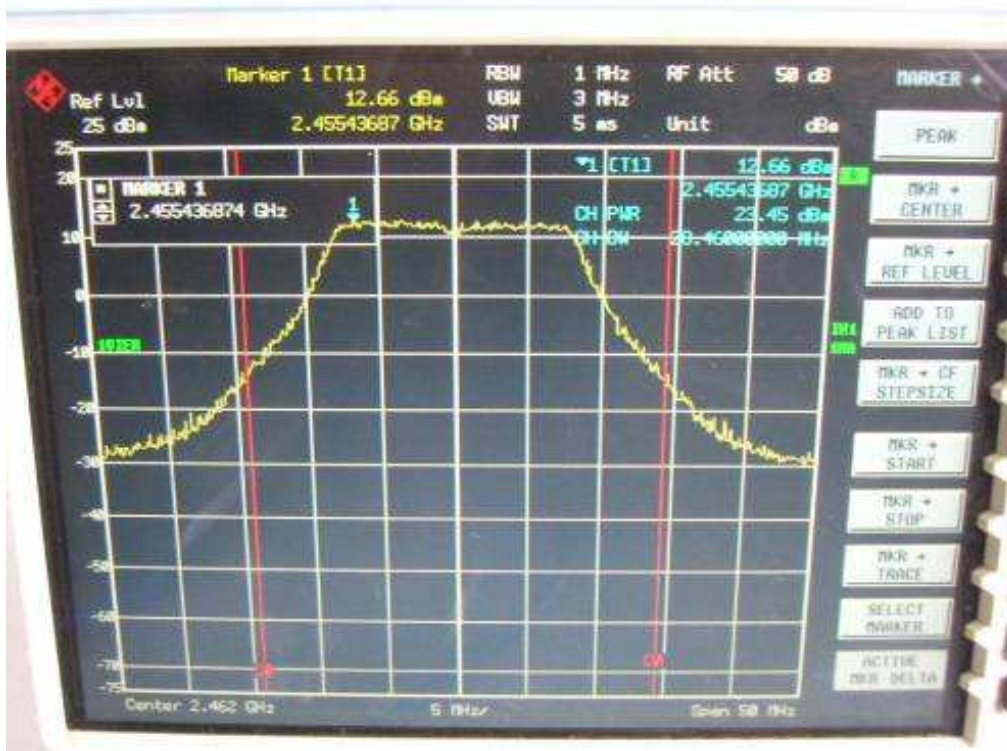
### Channel L



Channel M



Channel H

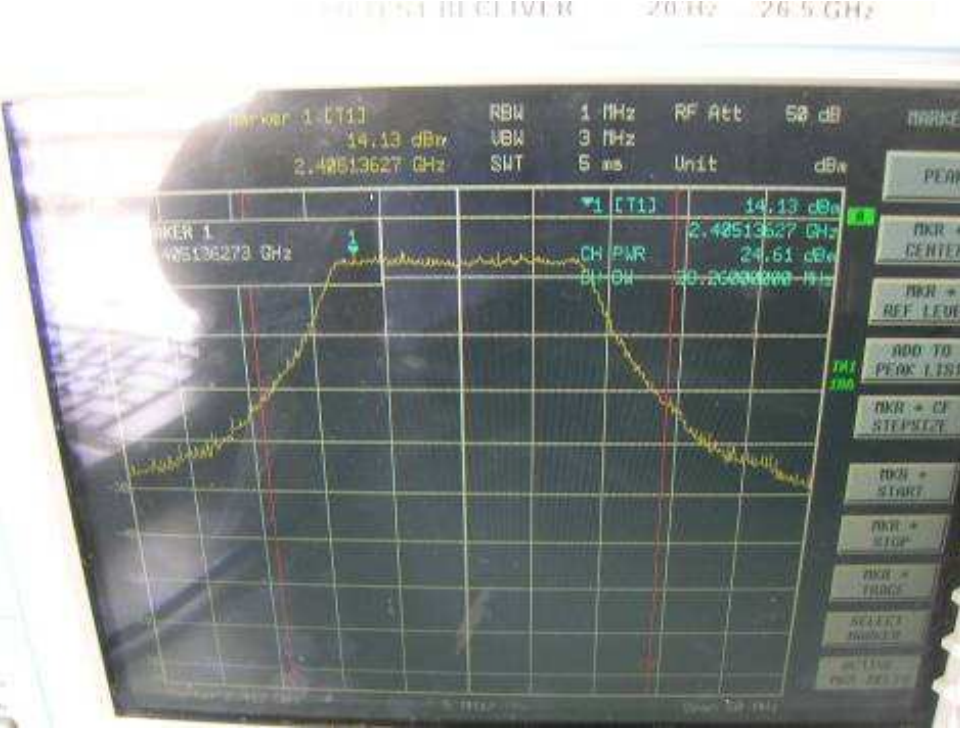


802.11n, 2.4GHz band, HT20, card 1, Chain0

**26dB Bandwidth**



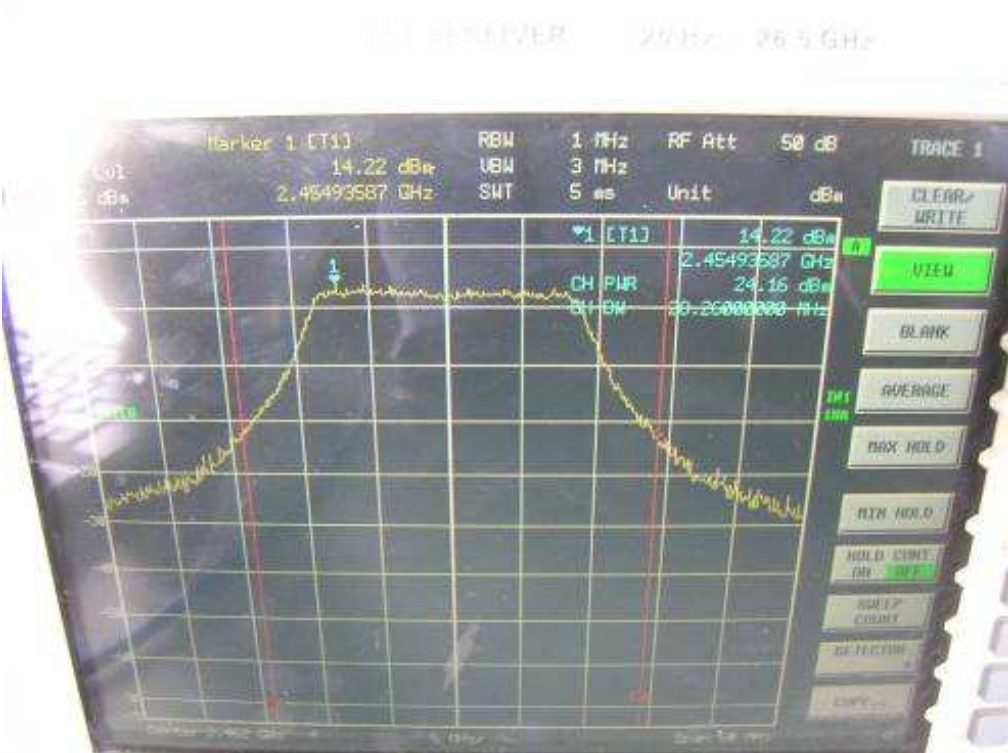
**Channel L**



Channel M



Channel H

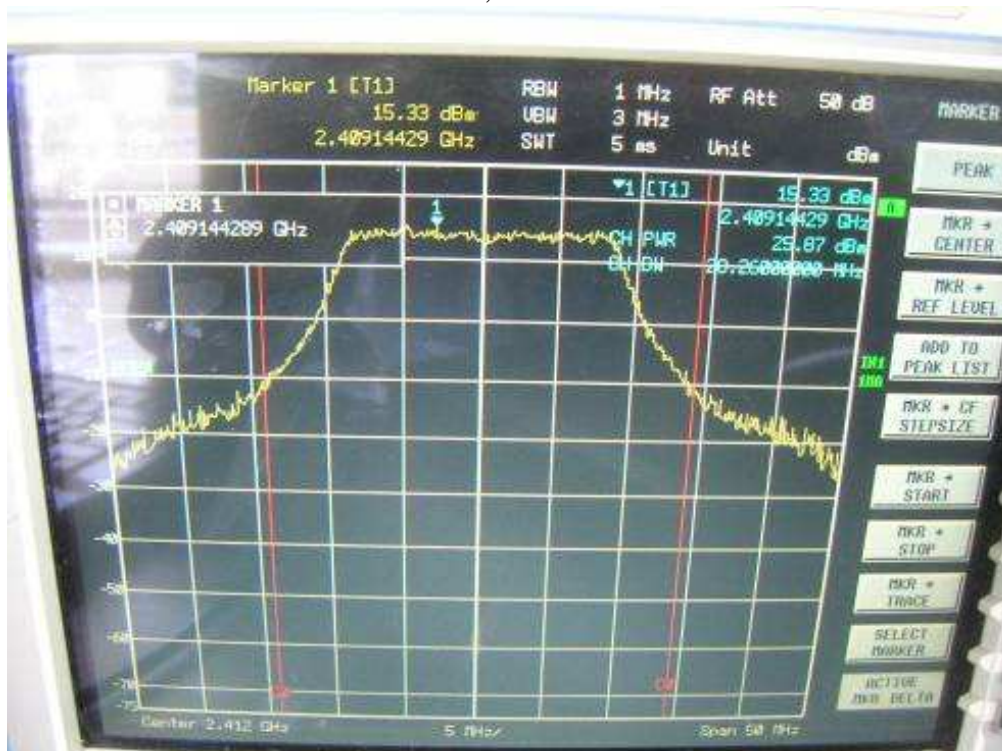


802.11n, 2.4GHz band, HT20, card 1, Chain0 + Chain1

Chain 0, 26dB Bandwidth

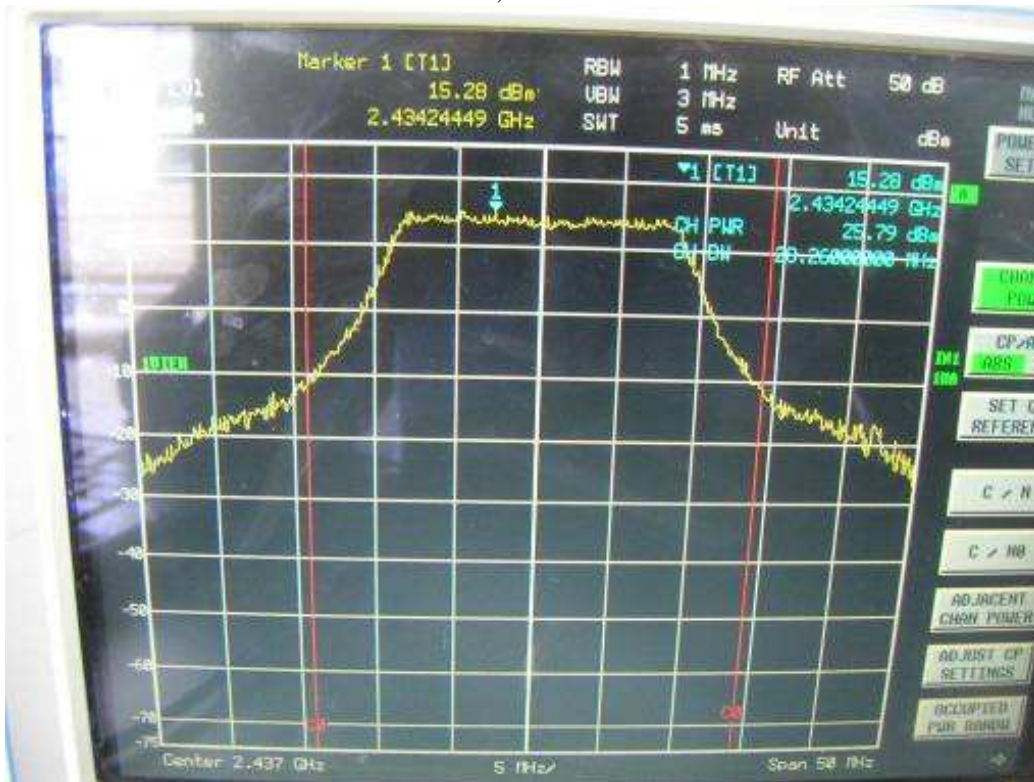


Chain 0, Channel L

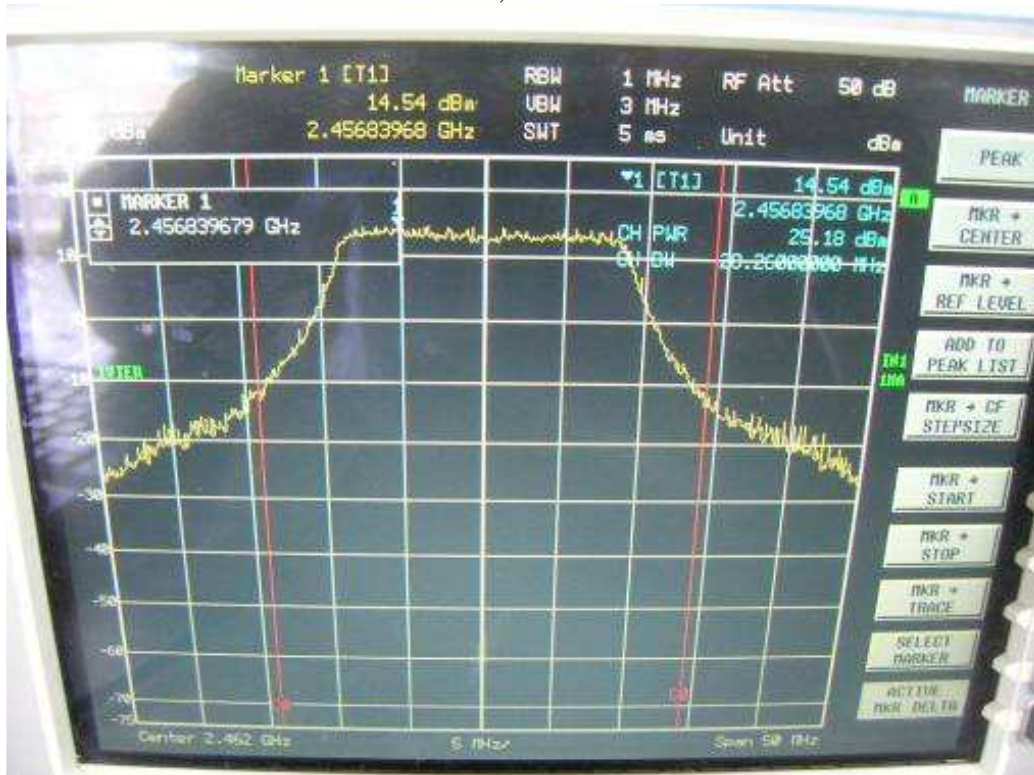




Chain 0, Channel M



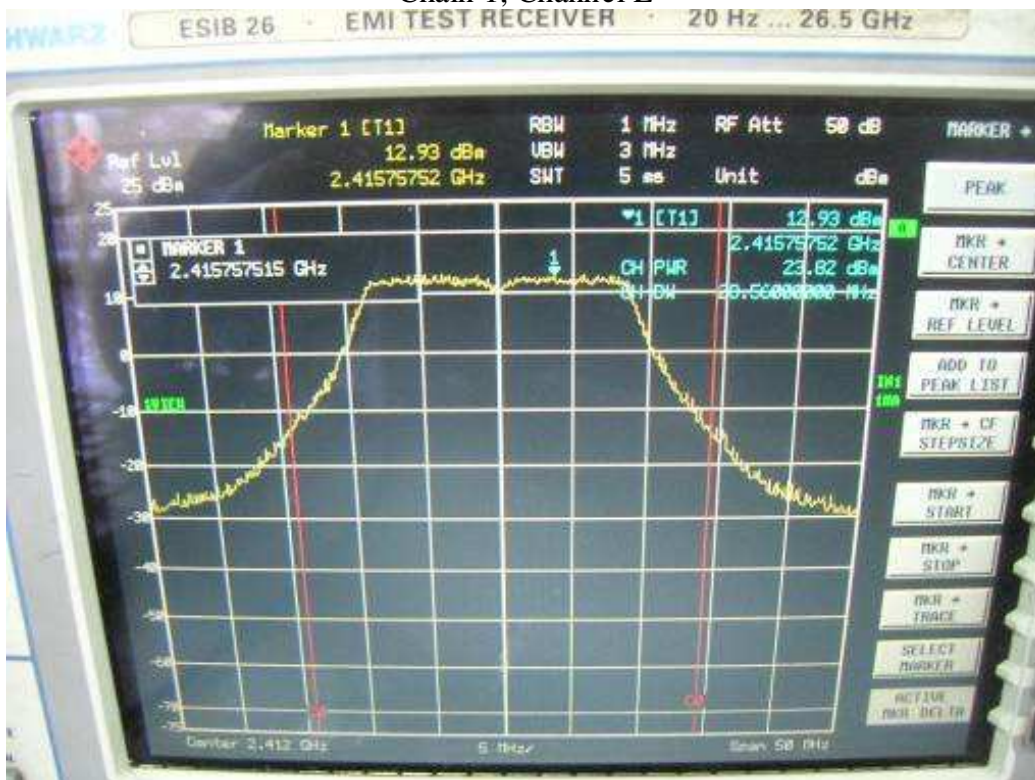
Chain 0, Channel H



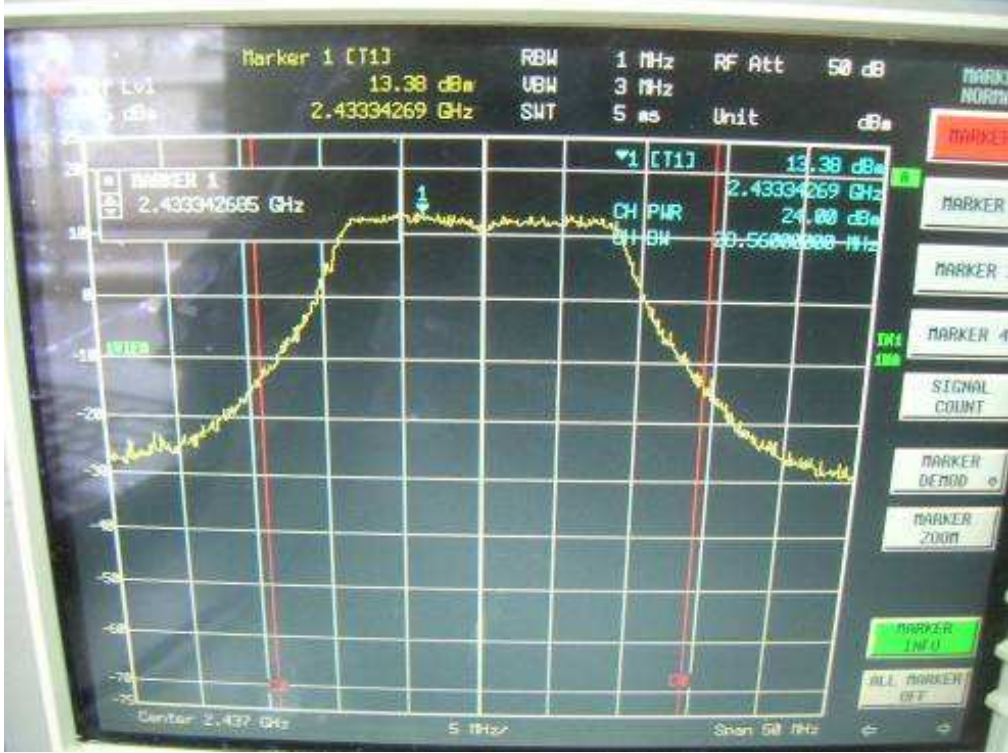
Chain 1, 26dB Bandwidth



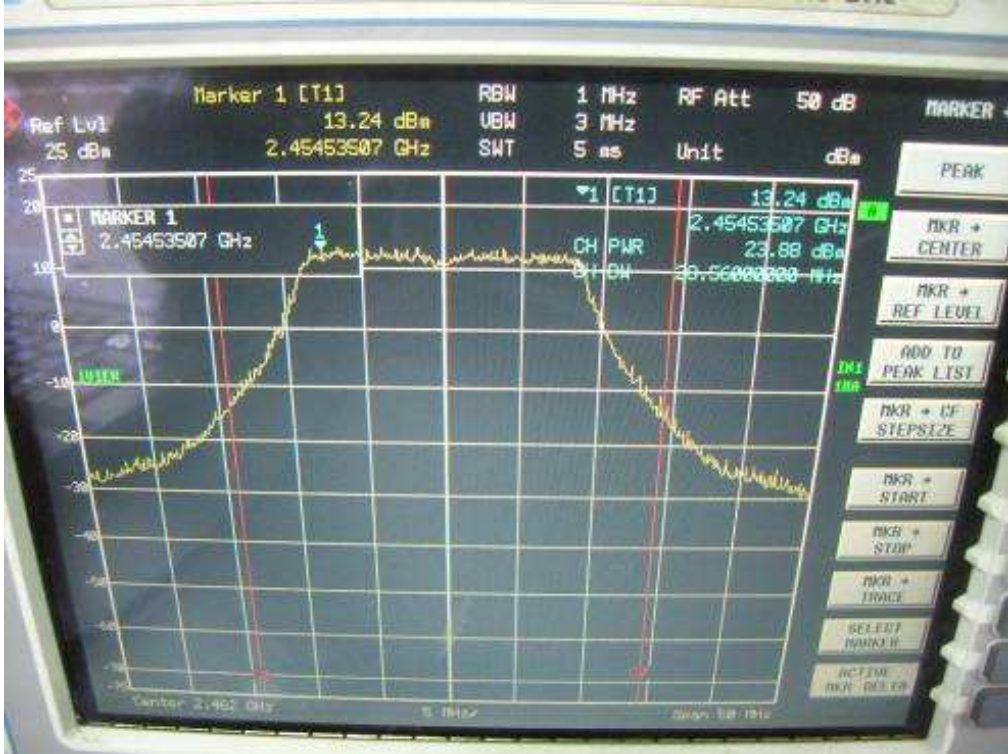
Chain 1, Channel L



Chain 1, Channel M



Chain 1, Channel H

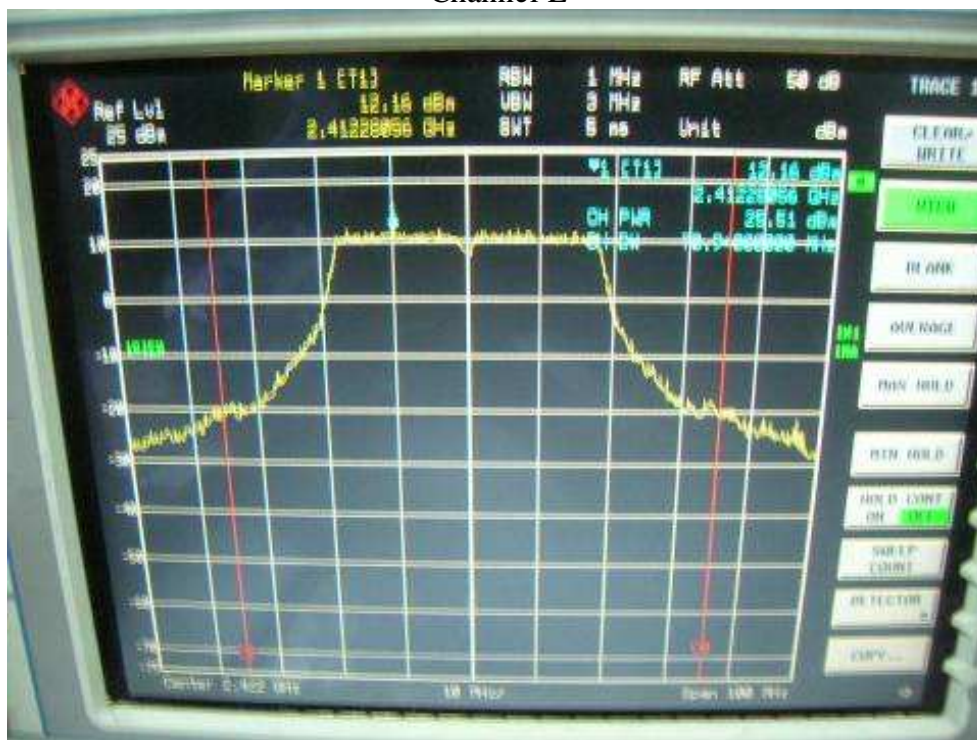


802.11n, 2.4GHz band, HT40, GI=0, card 1, Chain0

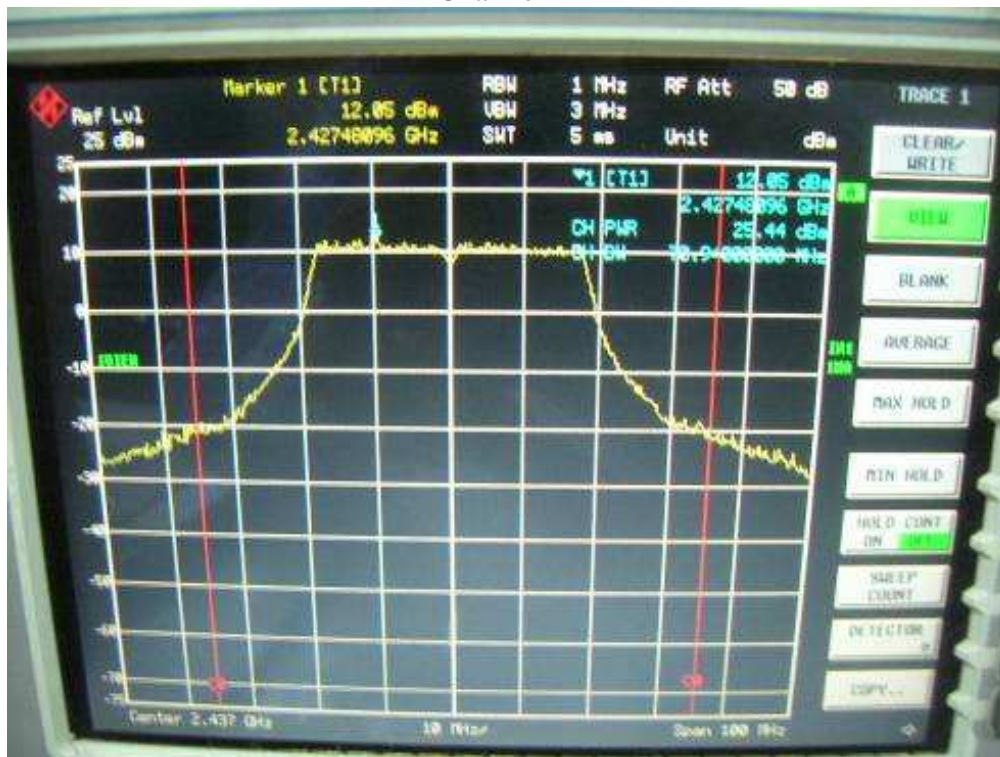
26dB Bandwidth



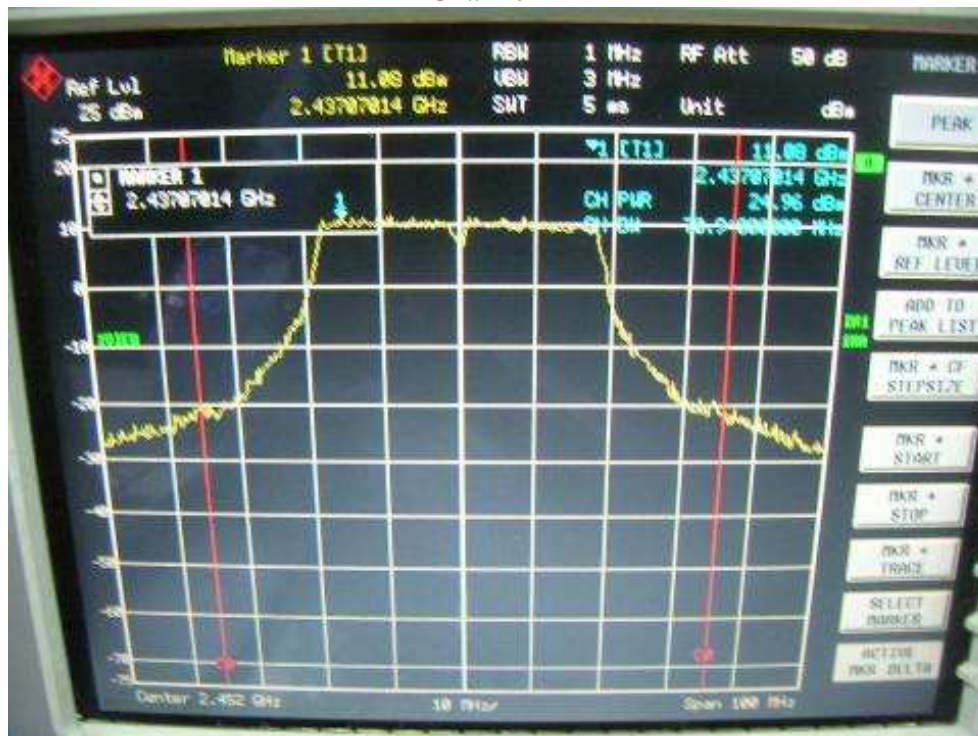
Channel L



Channel M



Channel H



802.11n, 2.4GHz band, HT40, GI=0, card 1, Chain0 + Chain1

Chain0, 26dB Bandwidth



Chain0, Channel L

