Appendix for WA2612-AGN DFS Class II Permission Change RT

1. Operation Frequency Range of 20dB Bandwidth

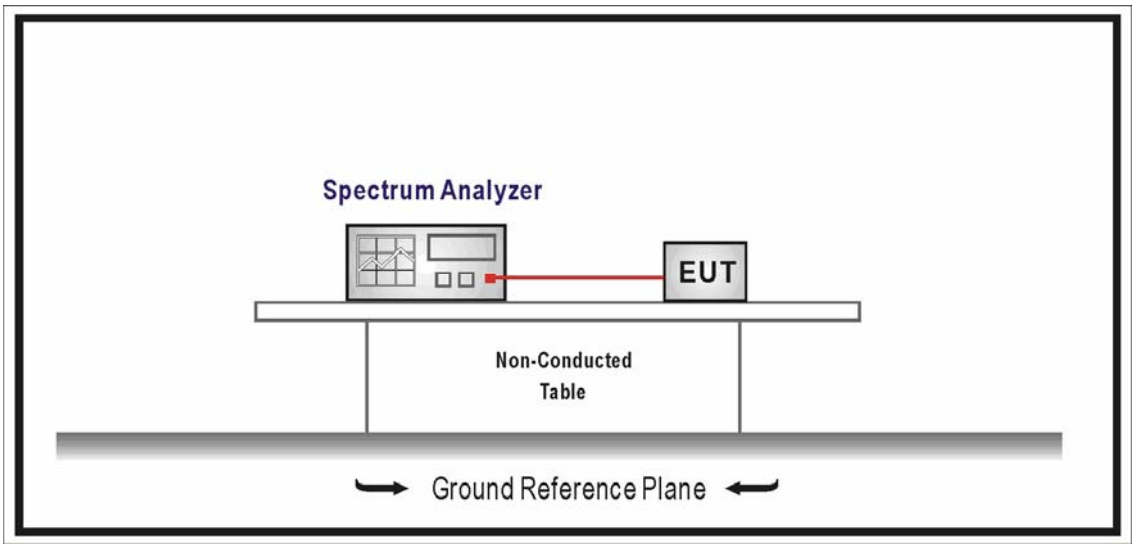
1.1. Test Equipment

Operation Frequency Range of 20dB Bandwidth / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

1.2. Test Setup



1.3. Limit

20 dB bandwidth of the emission is contained within the operation frequency band. FCC Part15.215(c).

1.4. Test Procedure

The EUT was tested according to UNII test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.407 requirements.
Set RBW = 100 kHz, Span greater than RBW.

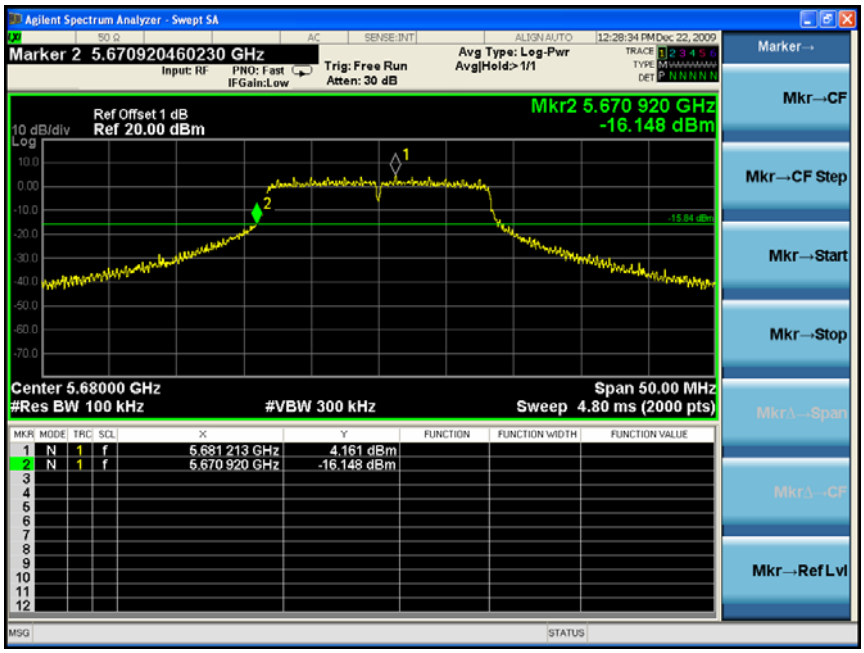
1.5. Test Result

According with KDB 443999 requirements, the DFS master device is not allowed to operate in frequency band 5600~5650MHz, and supplement test result shows compliance.

Product	:	Wireless LAN Access Point
Test Mode	:	Mode 1: Transmit by 802.11a (Chain A)

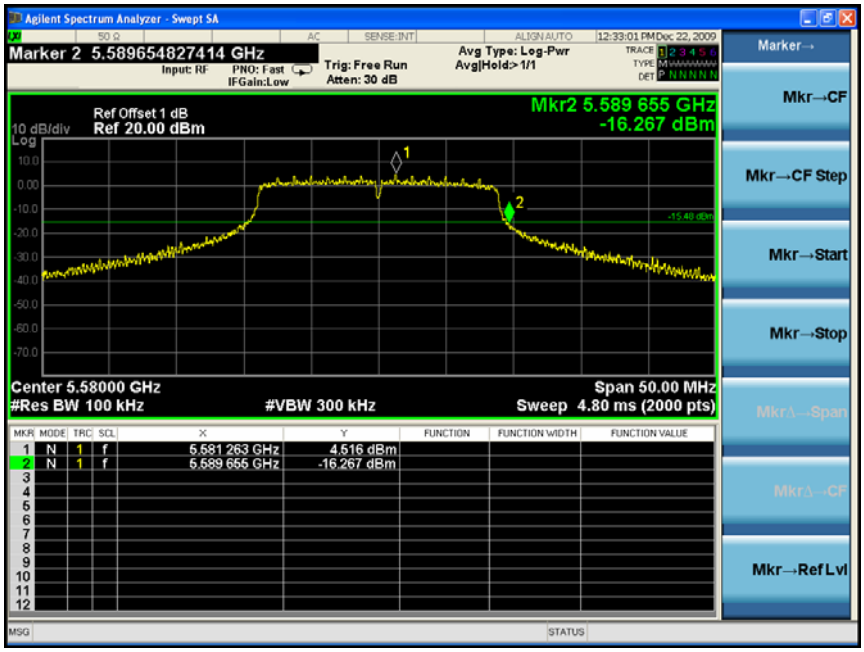
Channel 116 (5580MHz)

Channel 136 (5680MHz)

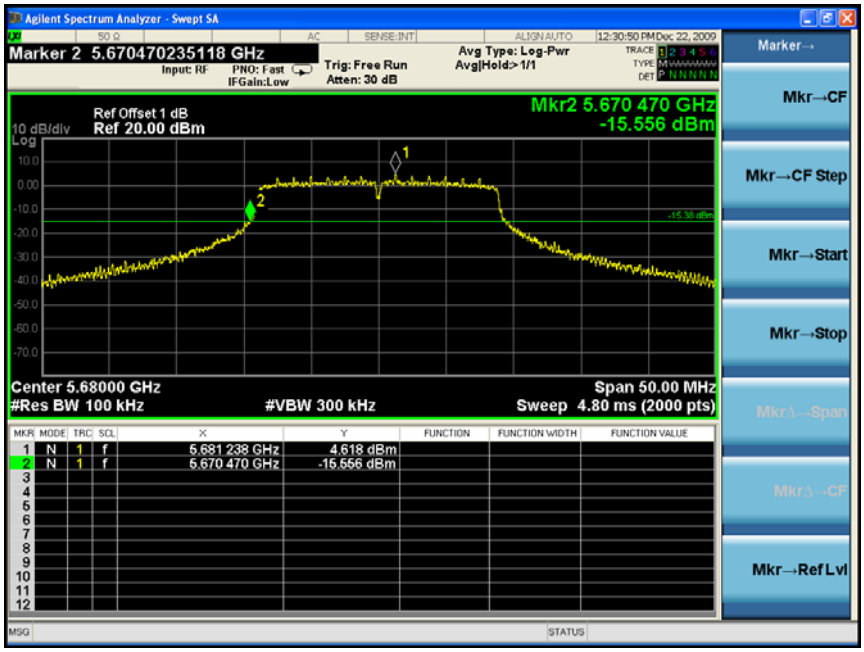


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain A)

Channel 116 (5580MHz)

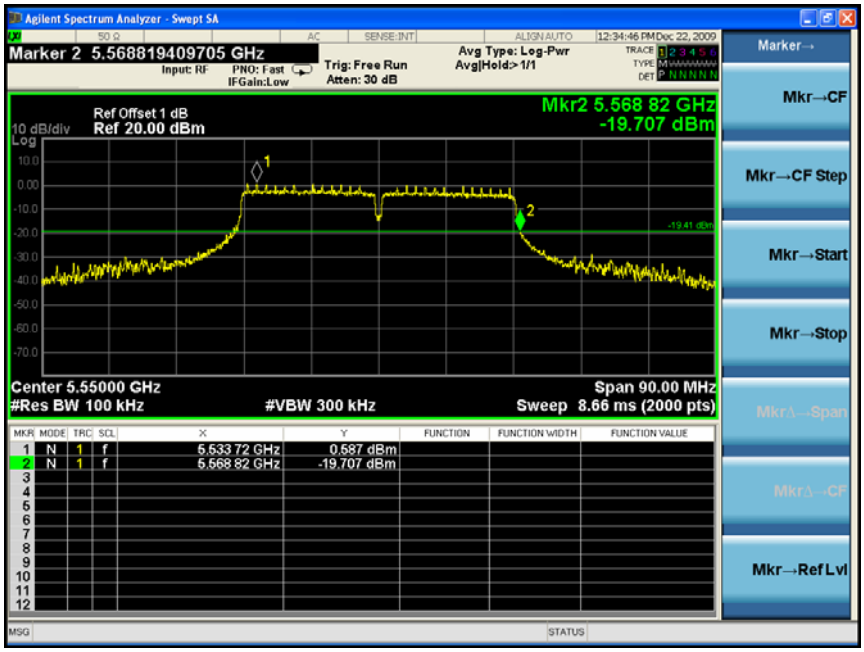


Channel 136 (5680MHz)

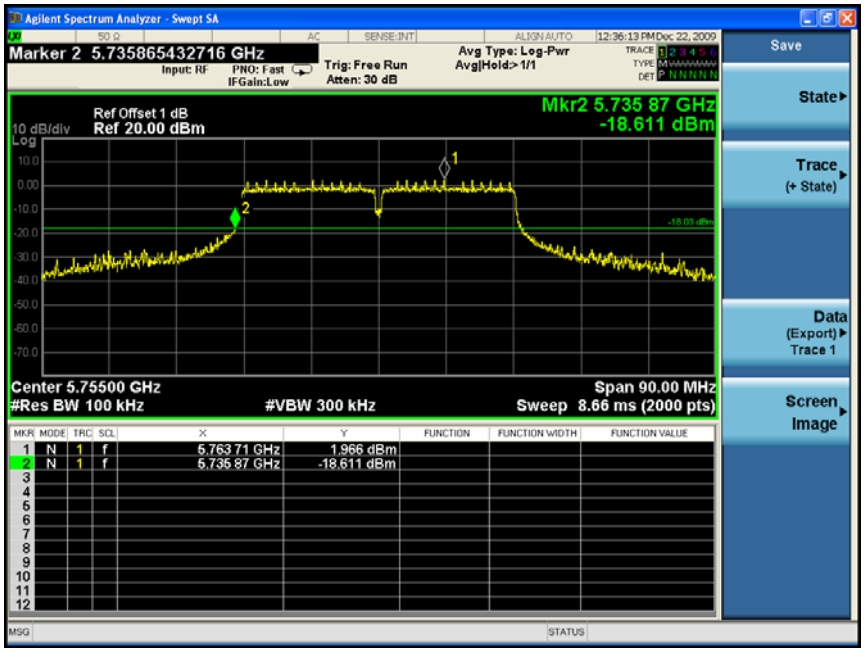


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain A)

Channel 110 (5550MHz)

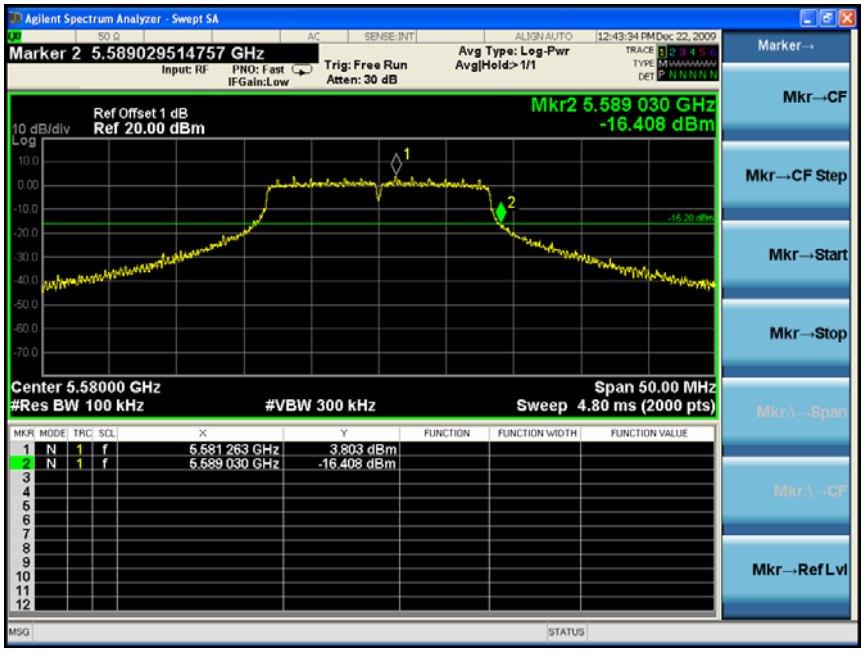


Channel 151 (5755MHz)

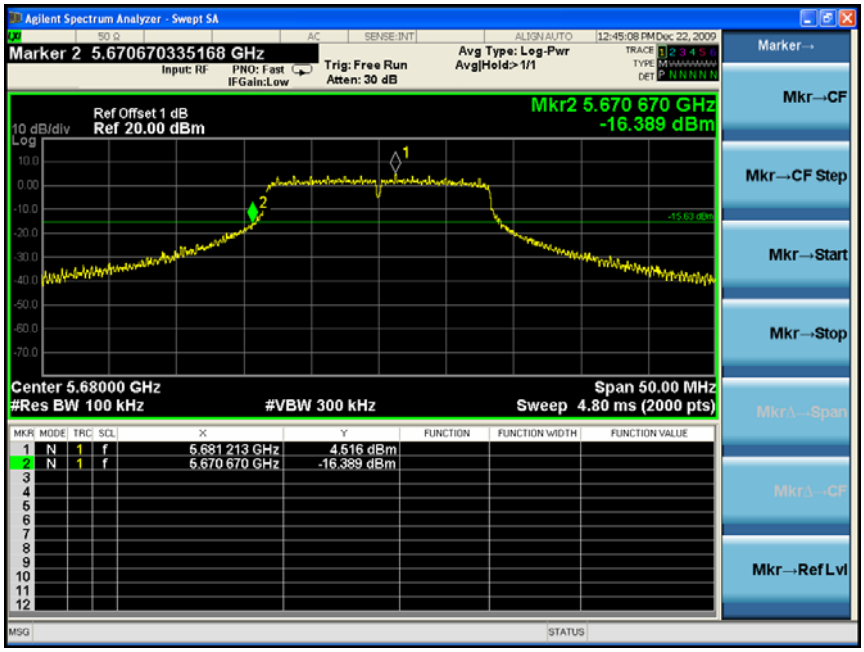


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 1: Transmit by 802.11a (Chain B)

Channel 116 (5580MHz)



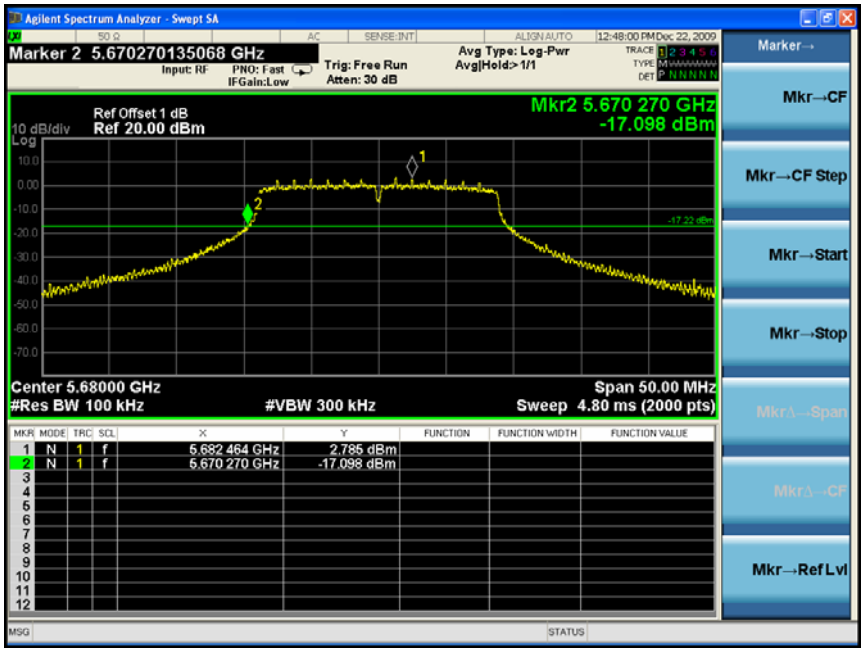
Channel 136 (5680MHz)



Product	:	Wireless LAN Access Point
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain B)

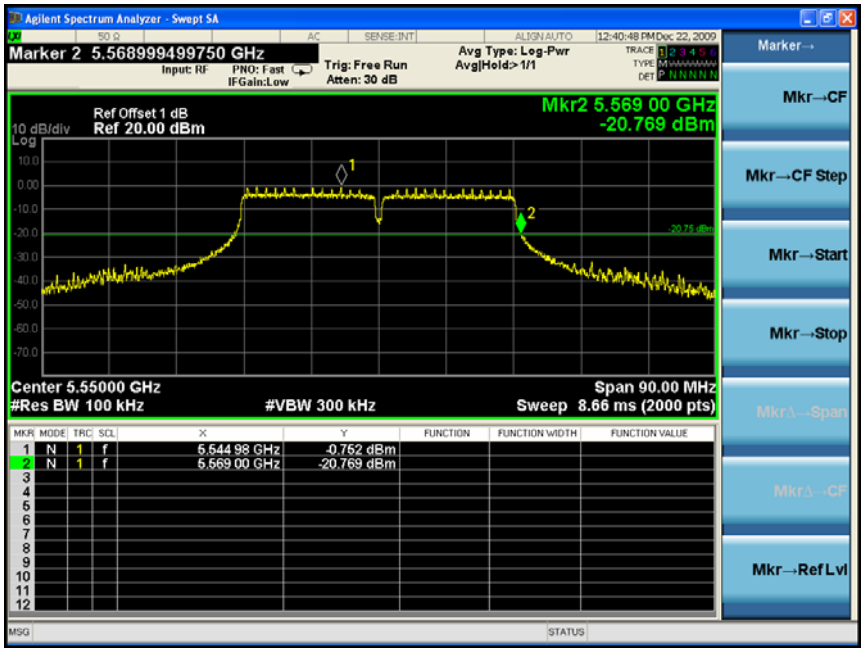
Channel 116 (5580MHz)

Channel 136 (5680MHz)

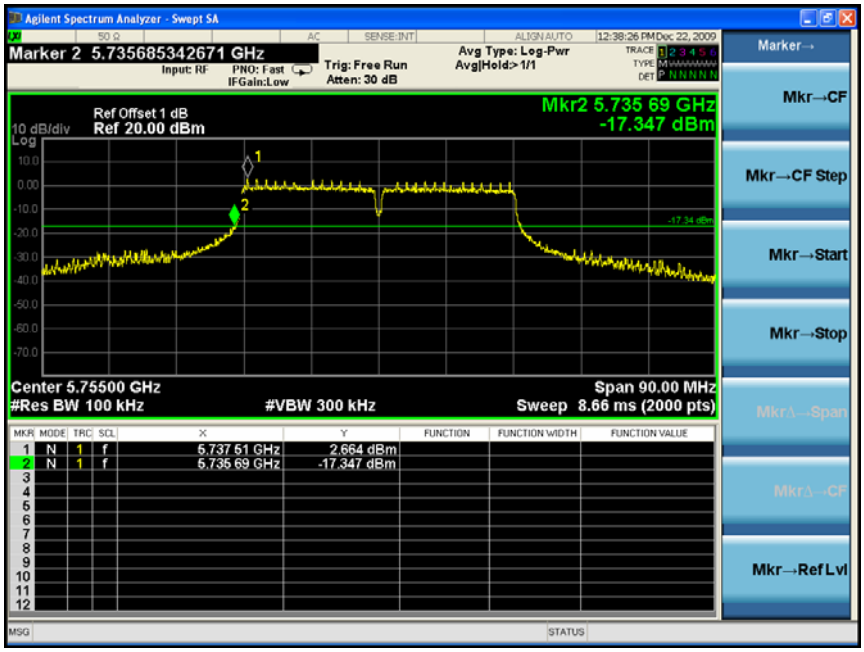


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain B)

Channel 110 (5550MHz)

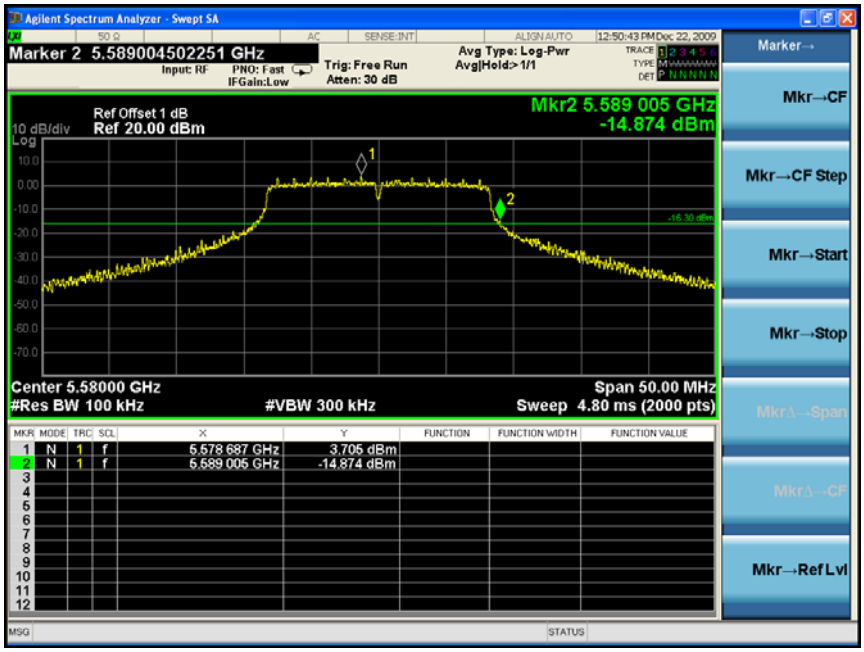


Channel 151 (5755MHz)

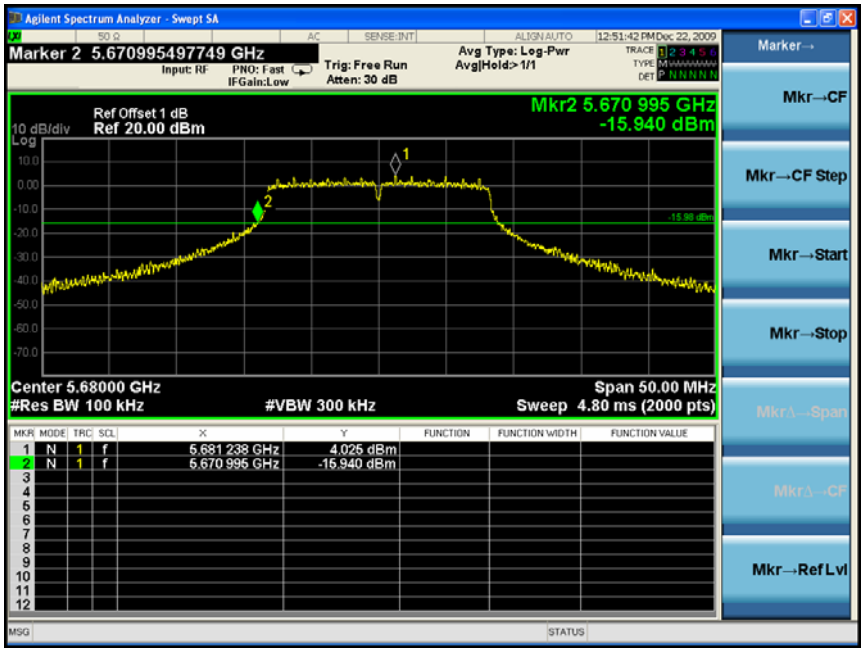


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 1: Transmit by 802.11a (Chain C)

Channel 116 (5580MHz)

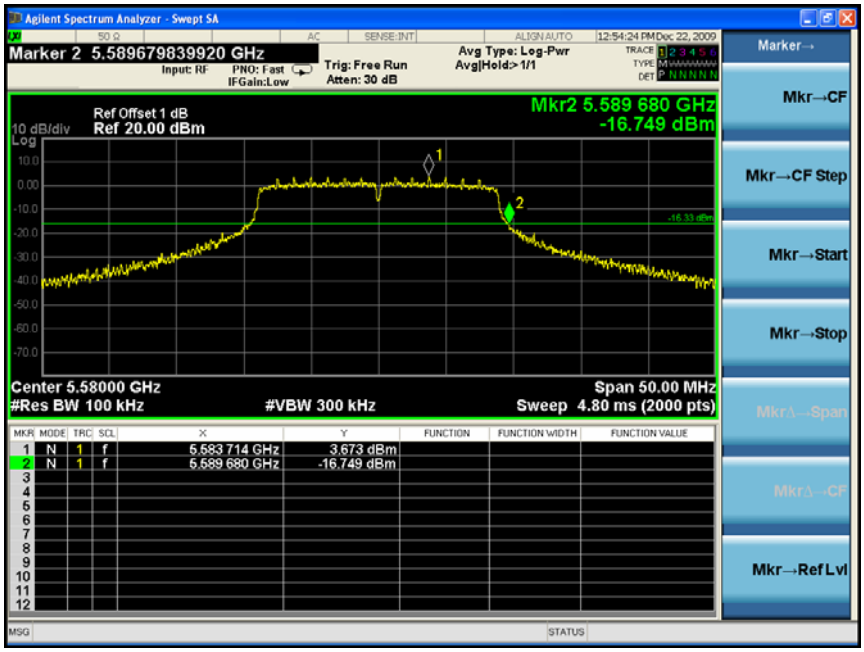


Channel 136 (5680MHz)

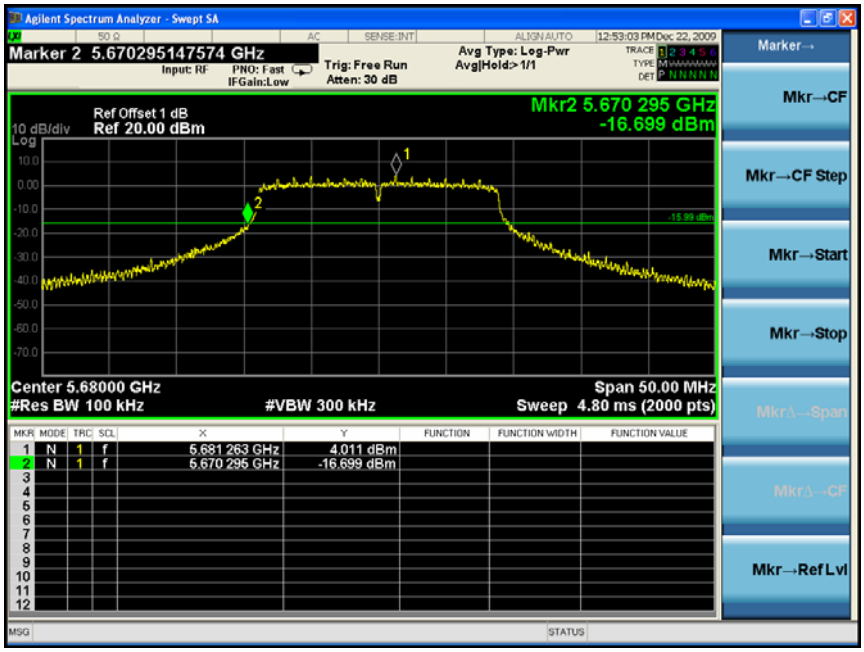


Product	:	Wireless LAN Access Point
Test Mode	:	Mode 4: Transmit by 802.11n (20MHz) (Chain C)

Channel 116 (5580MHz)

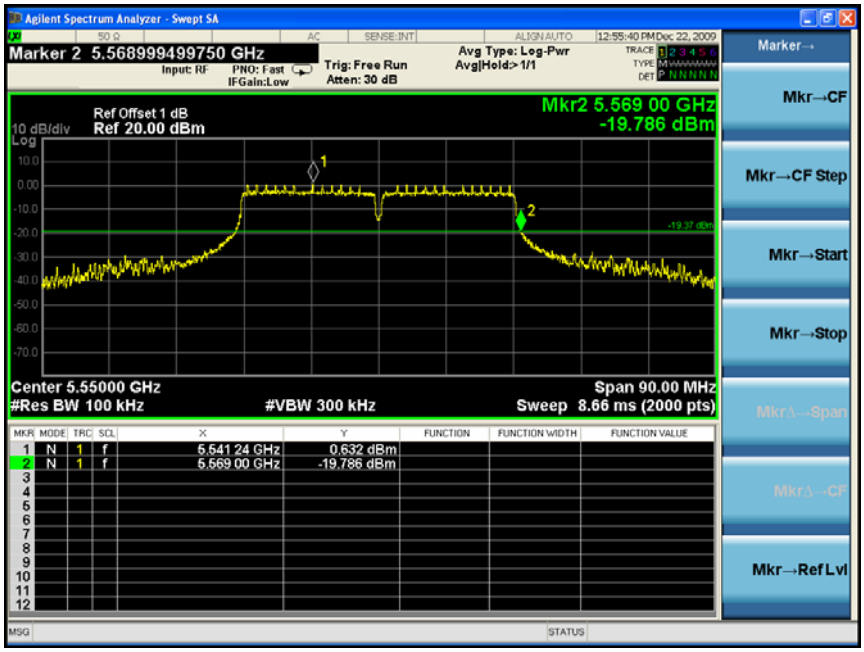
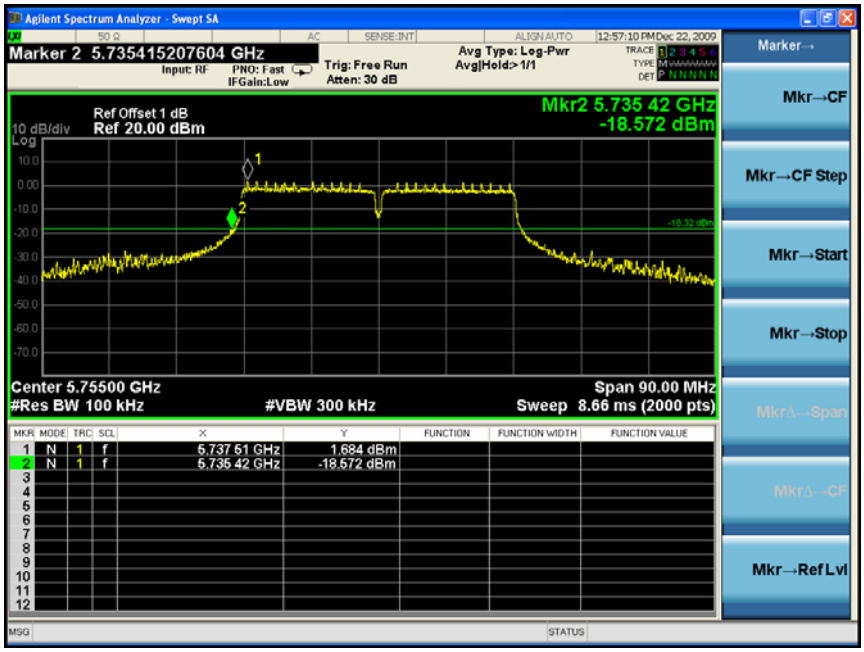


Channel 136 (5680MHz)



Product	:	Wireless LAN Access Point
Test Mode	:	Mode 5: Transmit by 802.11n (40MHz) (Chain C)

Channel 110 (5550MHz)



Channel 151 (5755MHz)