

Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 11: Transmit - 802.11n-20BW_21.7Mbps(2.4G Band)(PIFA Antenna) (2412MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
1	2412.00	-15.194	-14.631	-16.768	-10.669	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 1: (Chain A)

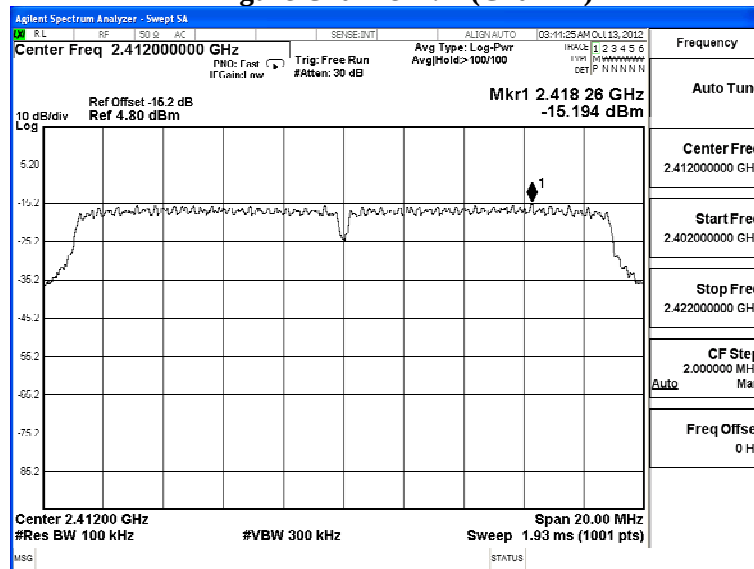


Figure Channel 1: (Chain B)

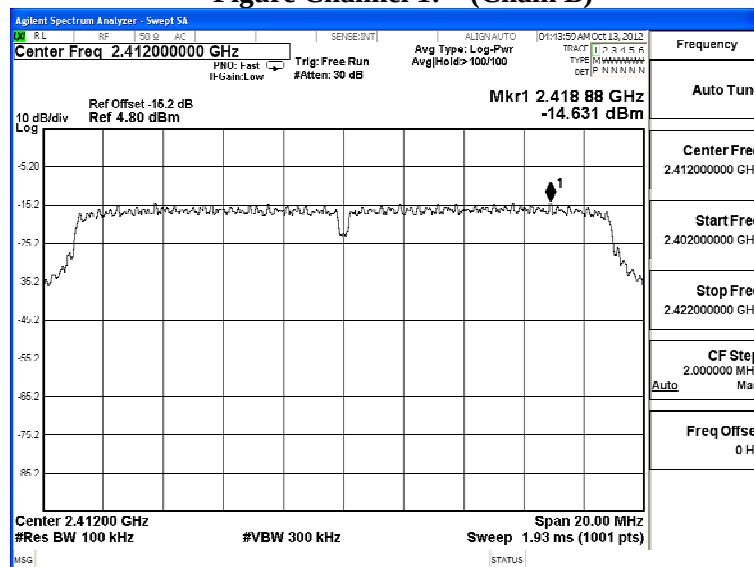
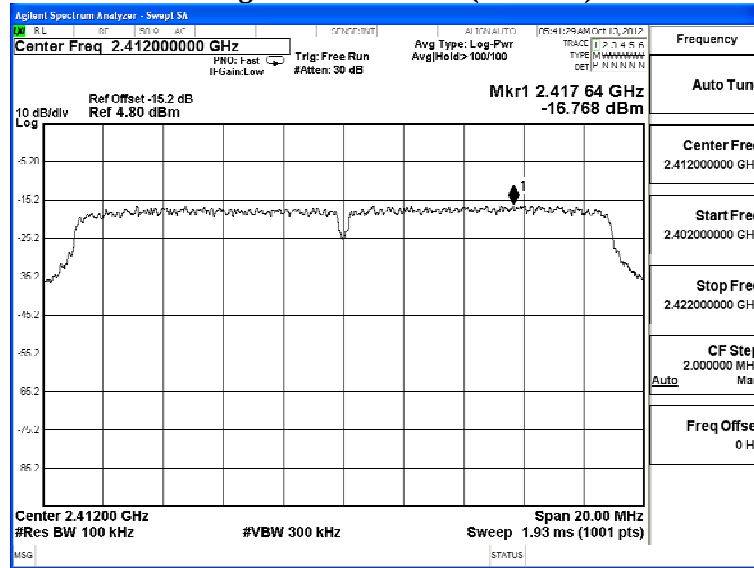


Figure Channel 1: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3OATS
 Test Mode : Mode 11: Transmit - 802.11n-20BW_21.7Mbps(2.4G Band)(PIFA Antenna) (2437MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
6	2437.00	-8.503	-7.365	-8.717	-3.382	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 6: (Chain A)

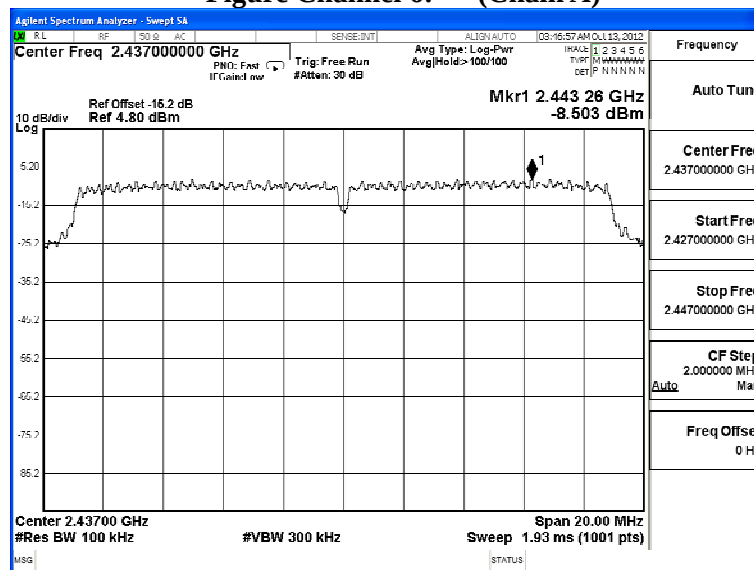


Figure Channel 6: (Chain B)

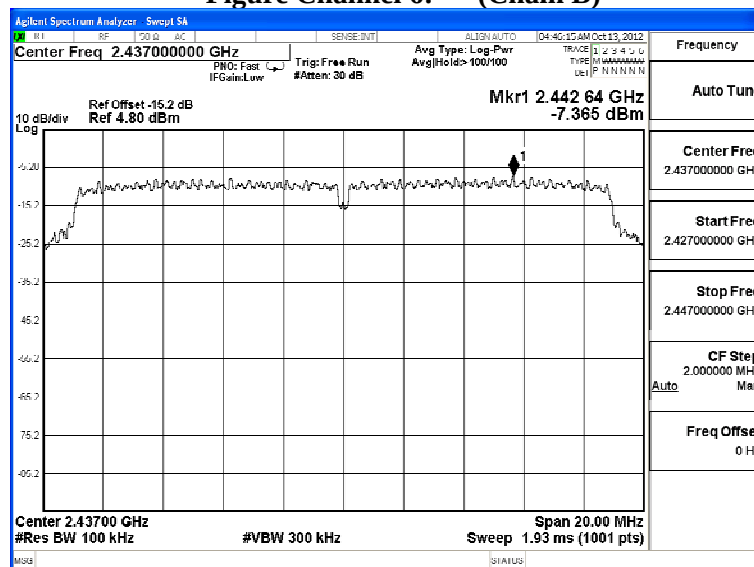
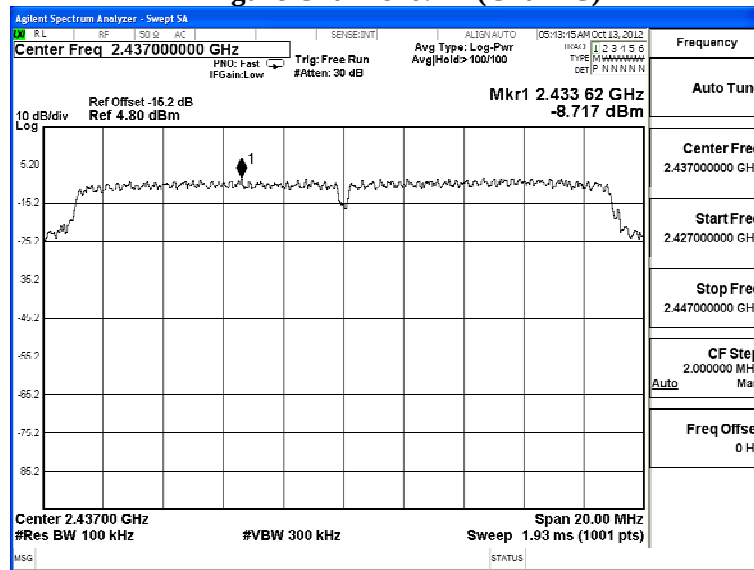


Figure Channel 6: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 11: Transmit - 802.11n-20BW_21.7Mbps(2.4G Band)(PIFA Antenna) (2462MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
11	2462.00	-15.730	-15.663	-16.845	-11.275	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 11: (Chain A)

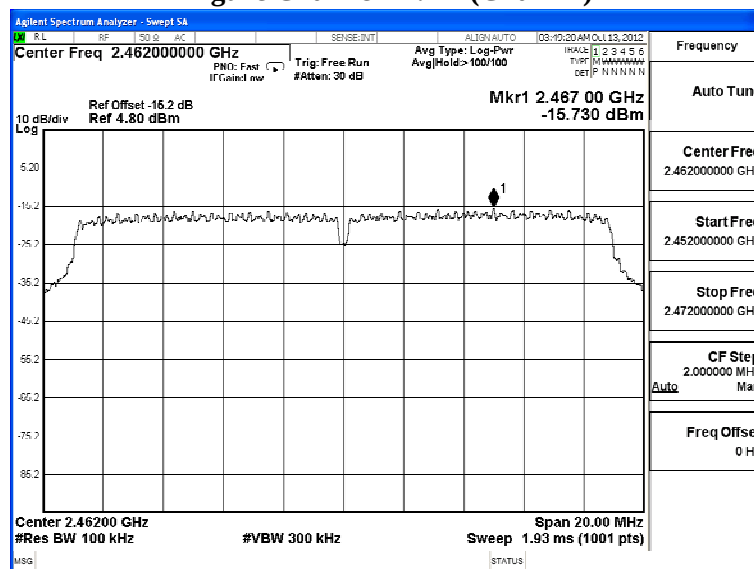


Figure Channel 11: (Chain B)

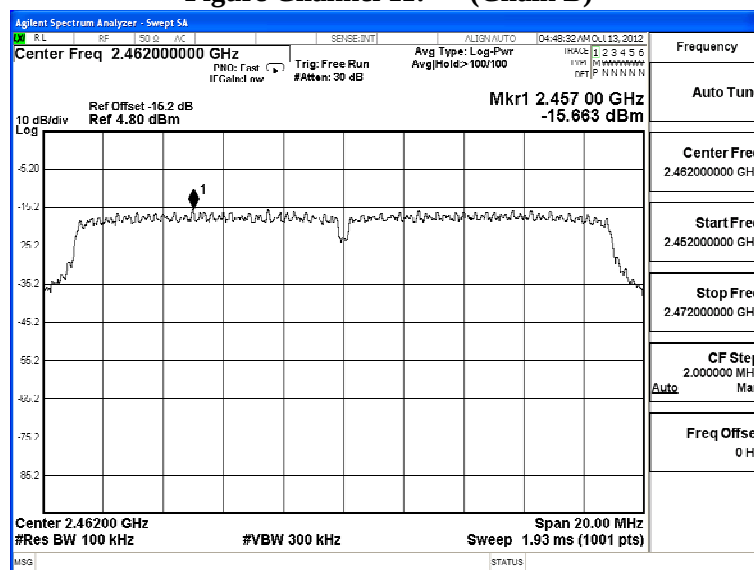
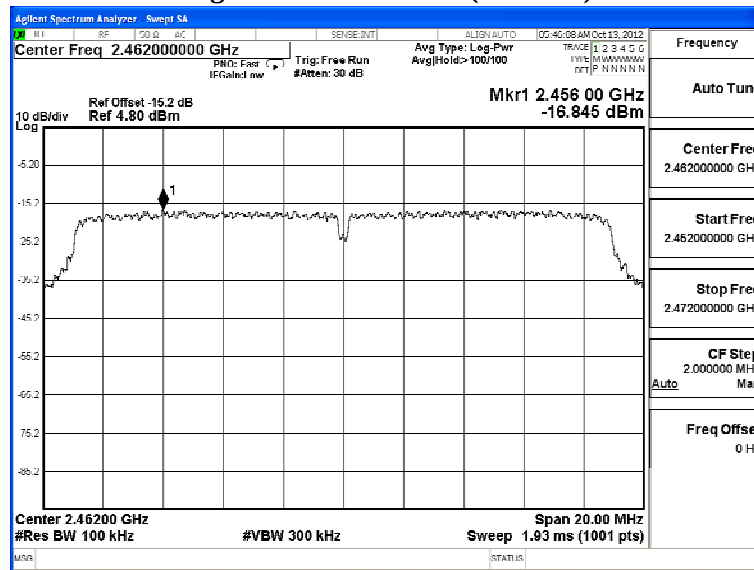


Figure Channel 11: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 12: Transmit - 802.11n-40BW_45Mbps(2.4G Band)(PIFA Antenna) (2422MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
1	2422.00	-19.541	-19.077	-19.832	-14.701	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 1: (Chain A)

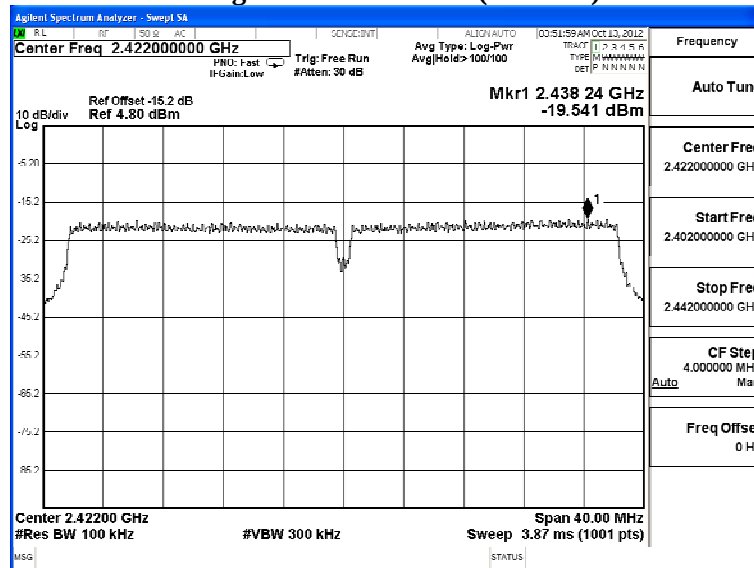


Figure Channel 1: (Chain B)

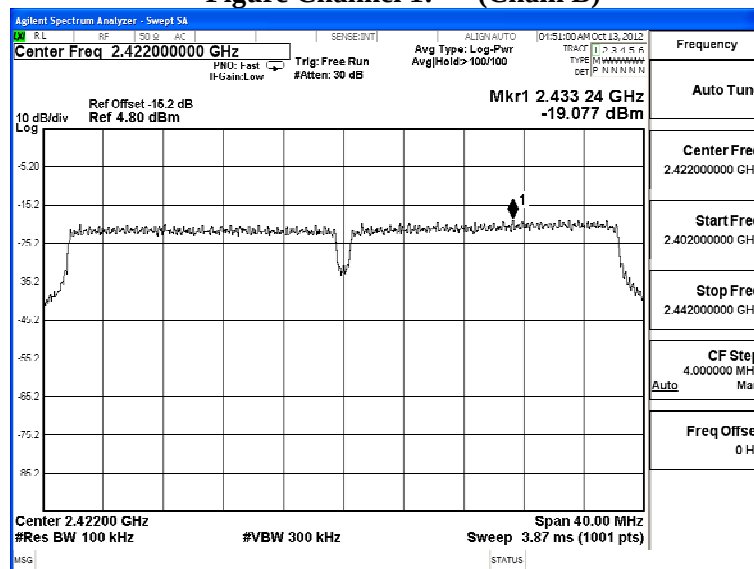
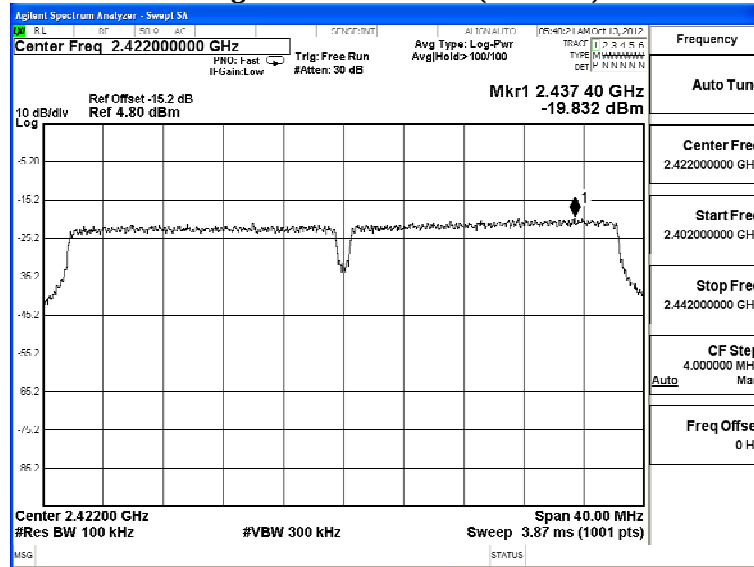


Figure Channel 1: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3OATS
 Test Mode : Mode 12: Transmit - 802.11n-40BW_45Mbps(2.4G Band)(PIFA Antenna) (2437MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
4	2437.00	-10.815	-9.880	-11.067	-5.785	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 4: (Chain A)

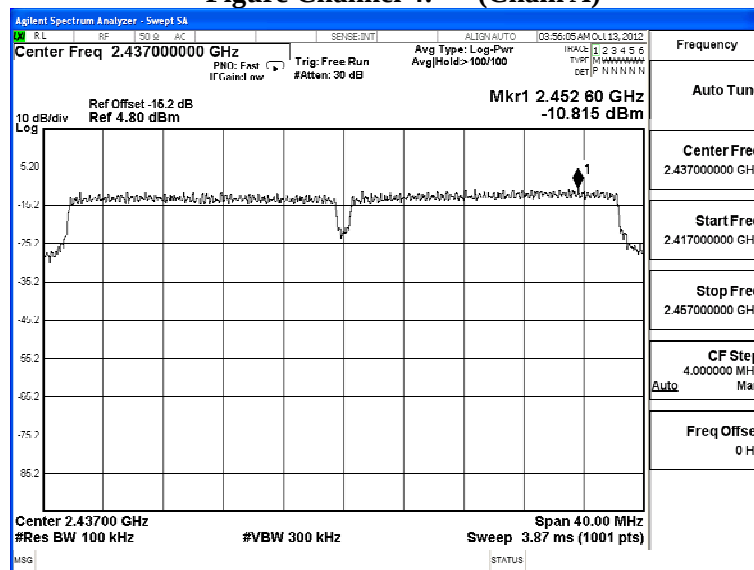


Figure Channel 4: (Chain B)

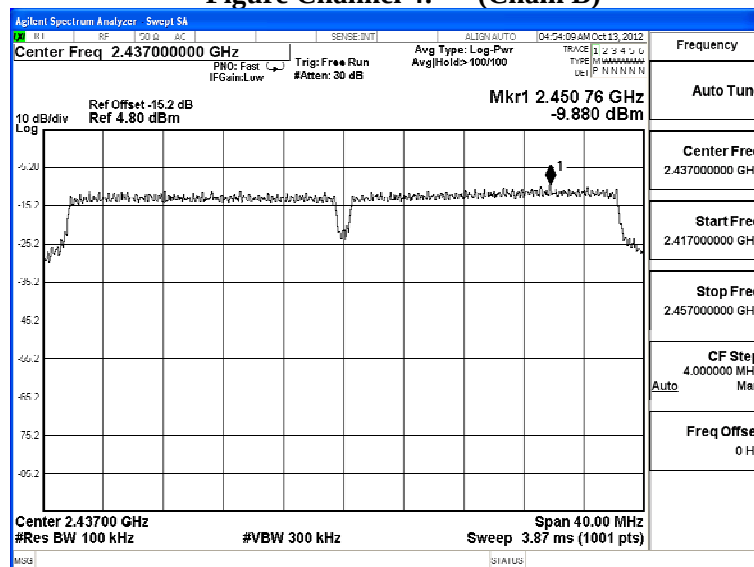
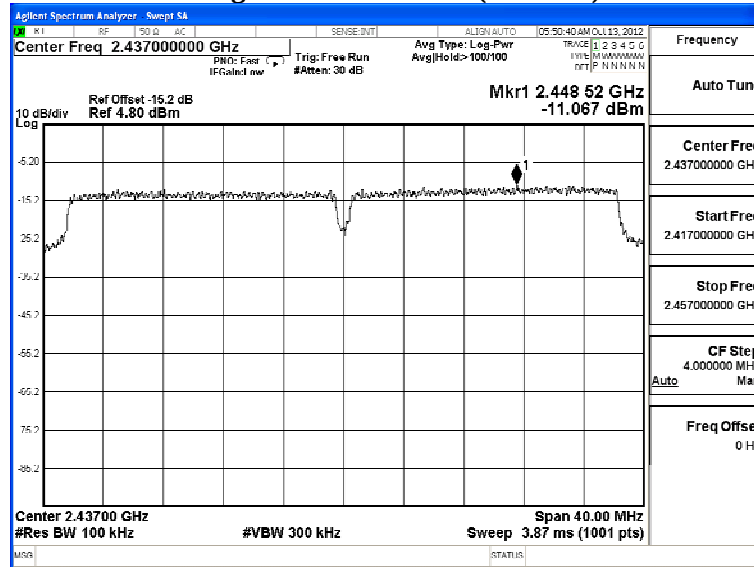


Figure Channel 4: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 12: Transmit - 802.11n-40BW_45Mbps(2.4G Band)(PIFA Antenna) (2452MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
7	2452.00	-19.232	-19.390	-19.246	-14.565	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 7: (Chain A)

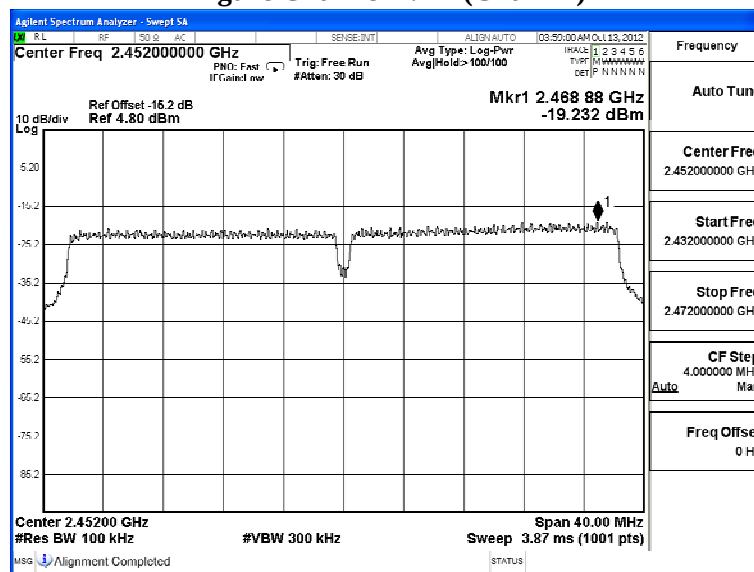


Figure Channel 7: (Chain B)

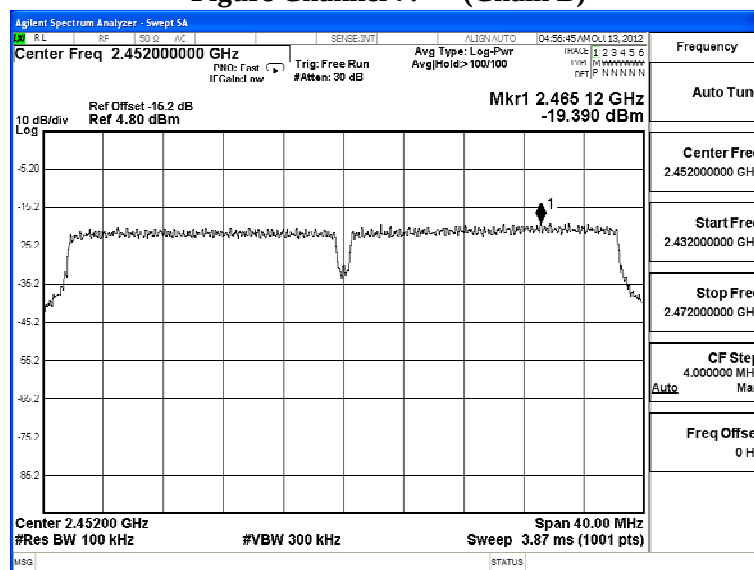
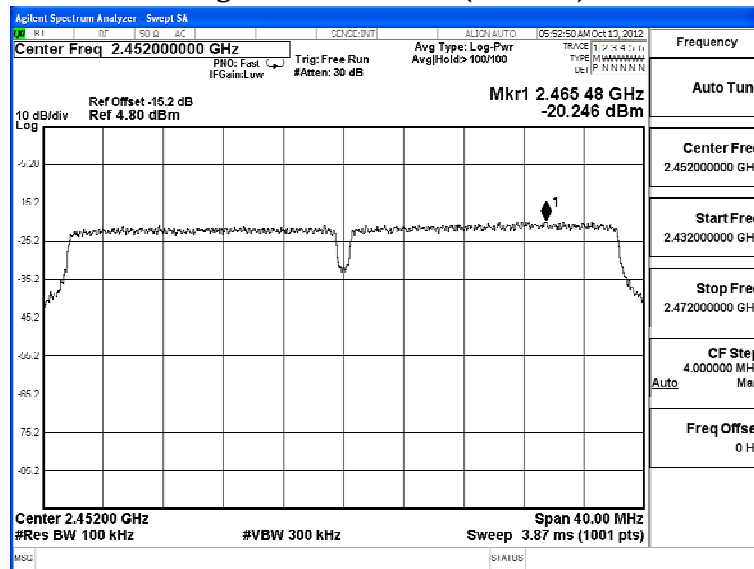


Figure Channel 7: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 13: Transmit - 802.11n-20BW_21.7Mbps(5G Band)(PIFA Antenna) (5745MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
149	5745.00	-15.119	-13.665	-14.965	-9.761	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 149: (Chain A)

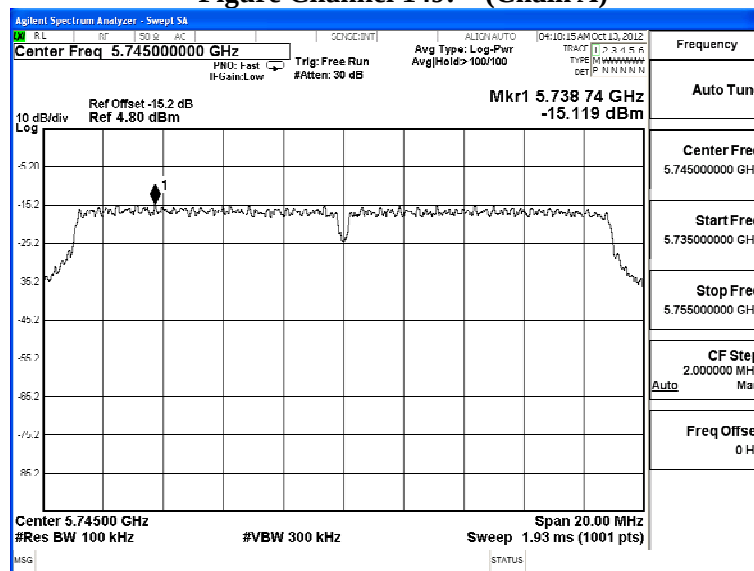


Figure Channel 149: (Chain B)

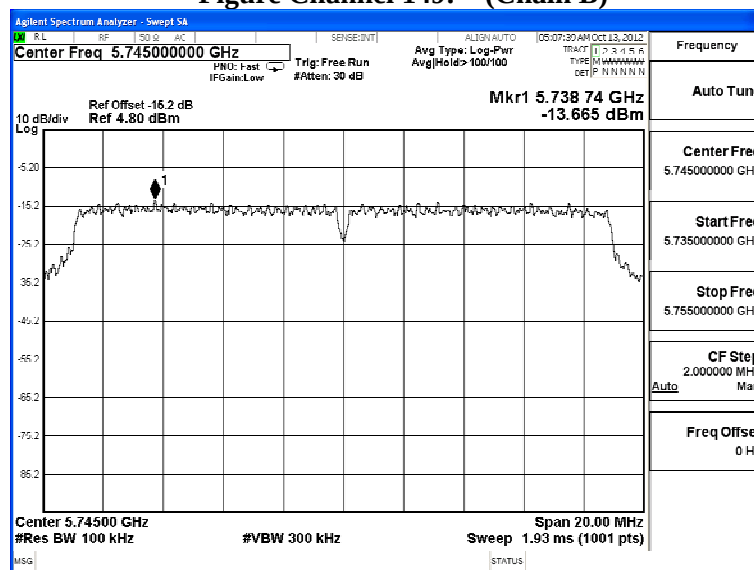
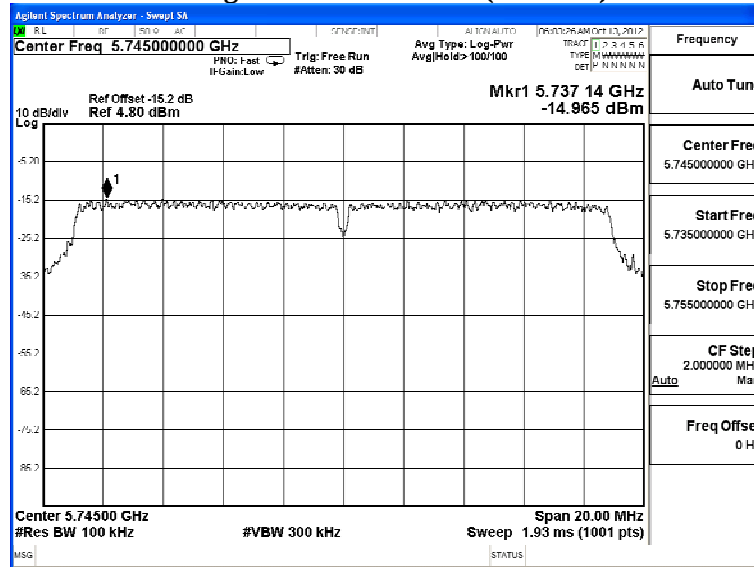


Figure Channel 149: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3OATS
 Test Mode : Mode 13: Transmit - 802.11n-20BW_21.7Mbps(5G Band)(PIFA Antenna) (5785MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
157	5785.00	-14.903	-13.827	-14.348	-9.566	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 157: (Chain A)

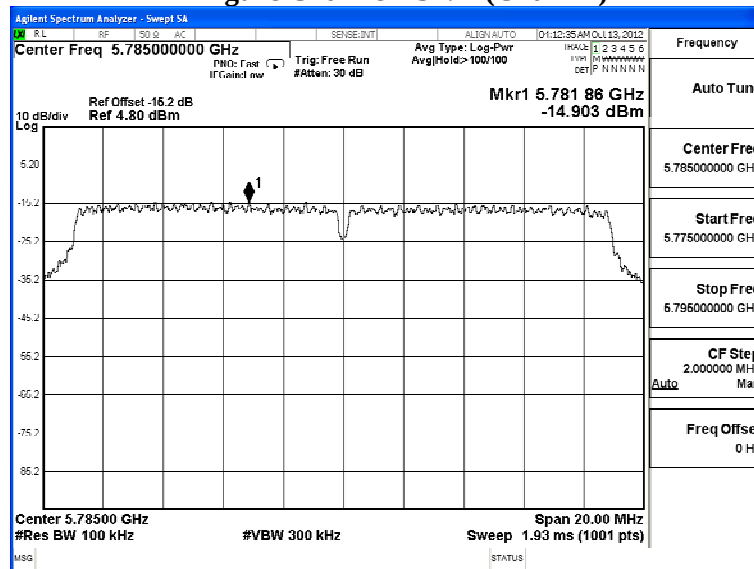


Figure Channel 157: (Chain B)

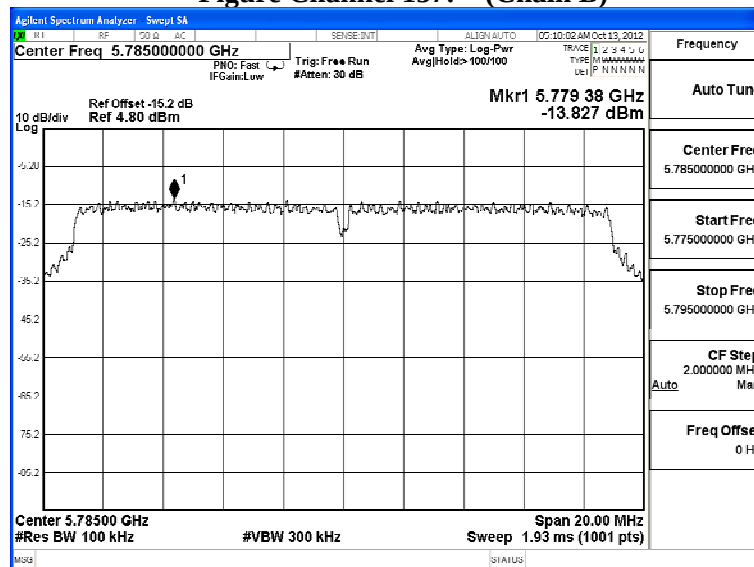
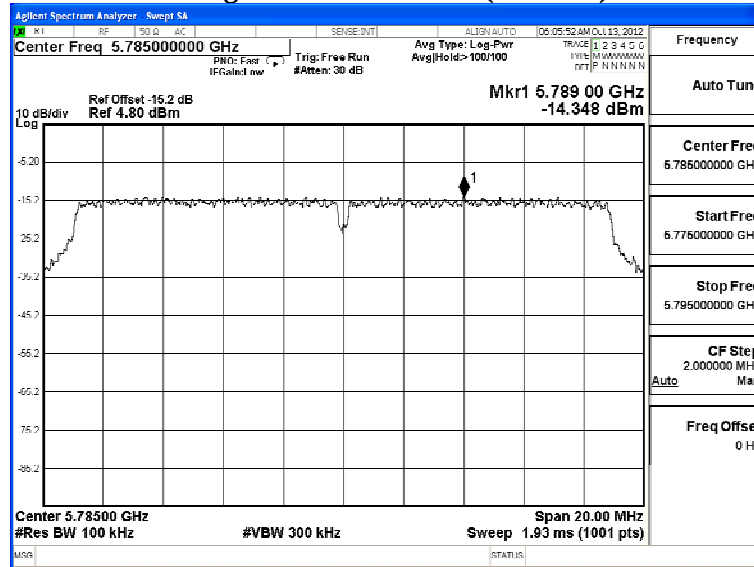


Figure Channel 157: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 13: Transmit - 802.11n-20BW_21.7Mbps(5G Band)(PIFA Antenna) (5825MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
165	5825.00	-14.543	-13.522	-13.311	-8.988	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 165: (Chain A)

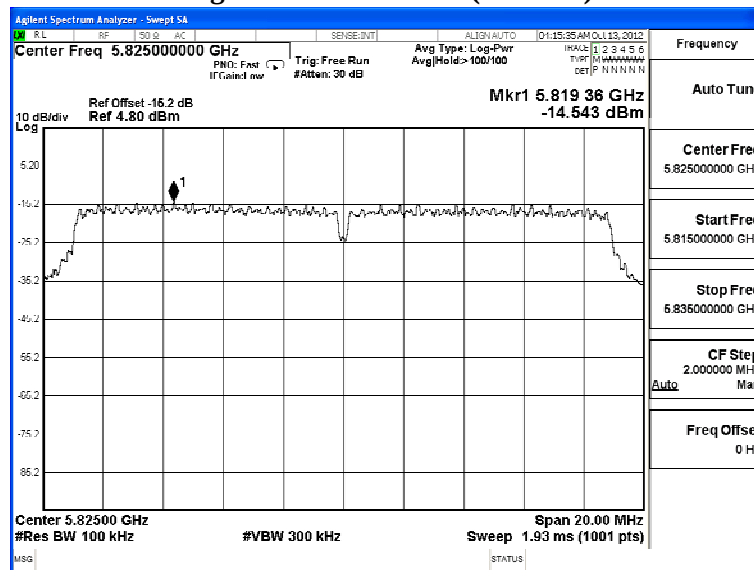


Figure Channel 165: (Chain B)

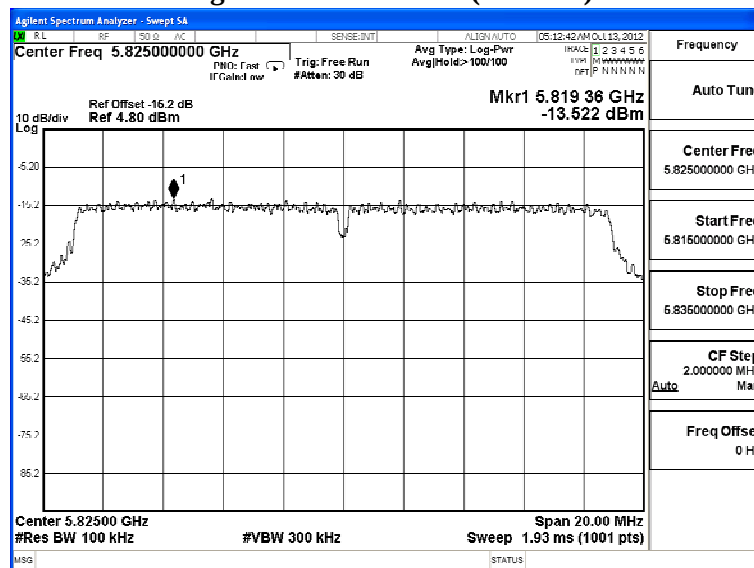
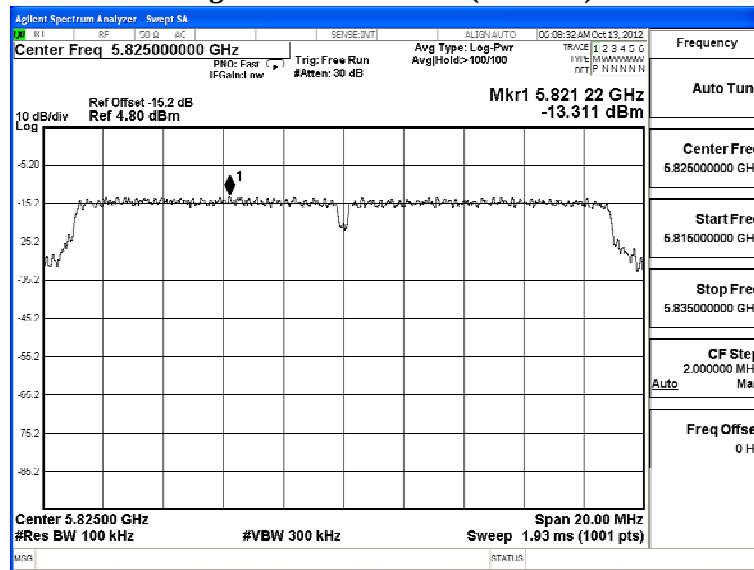


Figure Channel 165: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3 OATS
 Test Mode : Mode 14: Transmit - 802.11n-40BW_45Mbps(5G Band)(PIFA Antenna) (5755MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
151	5755.00	-17.929	-16.684	-18.053	-12.739	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 151: (Chain A)

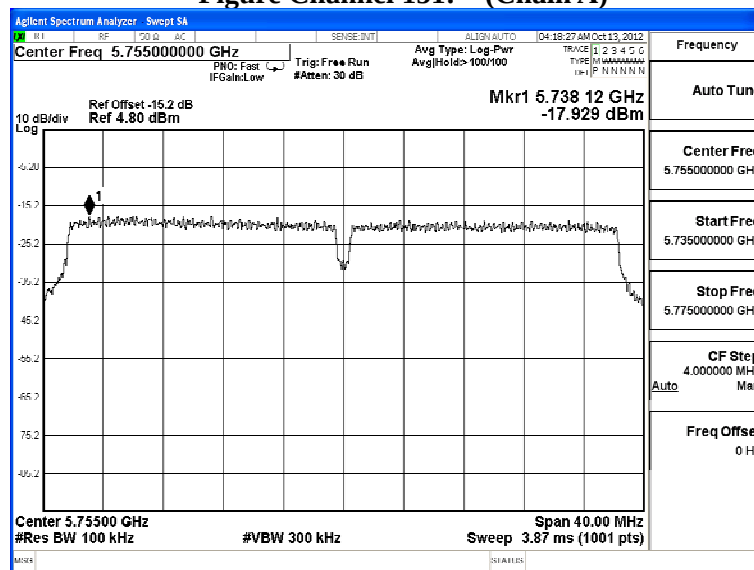


Figure Channel 151: (Chain B)

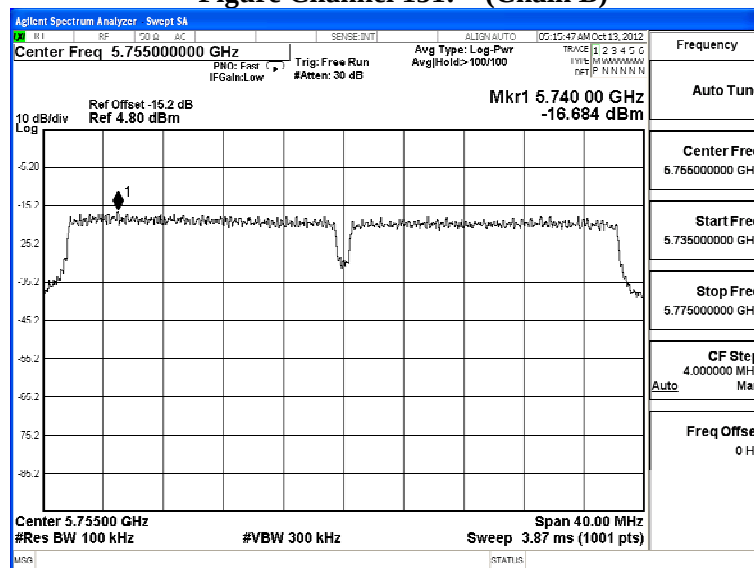
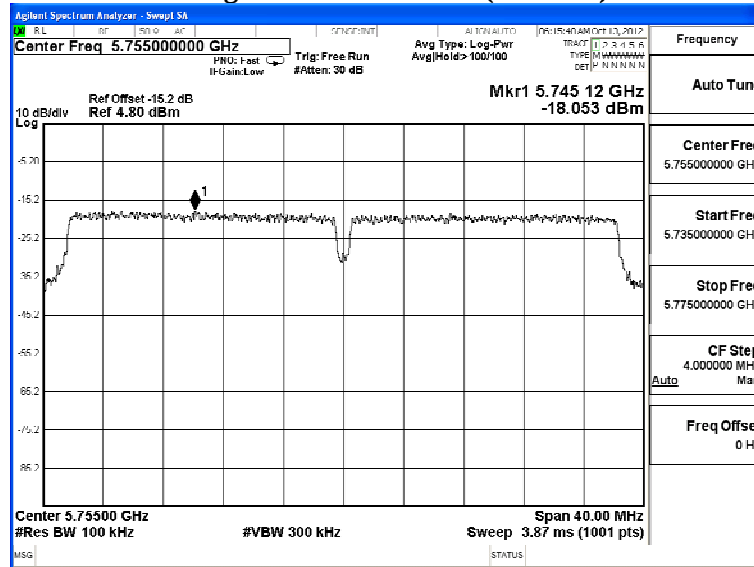


Figure Channel 151: (Chain C)



Product : SpectraGuardR Access Point / Sensor
 Test Item : Power Density Data
 Test Site : No.3OATS
 Test Mode : Mode 14: Transmit - 802.11n-40BW_45Mbps(5G Band)(PIFA Antenna) (5795MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain C Power (dBm)	Chain A+B+C Power (dBm)	Limit (dBm)	Result
159	5795.00	-17.737	-16.625	-16.638	-12.198	< 8dBm	Pass

Note: Average Power Density Value (dBm) = 10*LOG (Chain A (mW)+ Chain B (mW) + Chain C(mW))

Figure Channel 159: (Chain A)

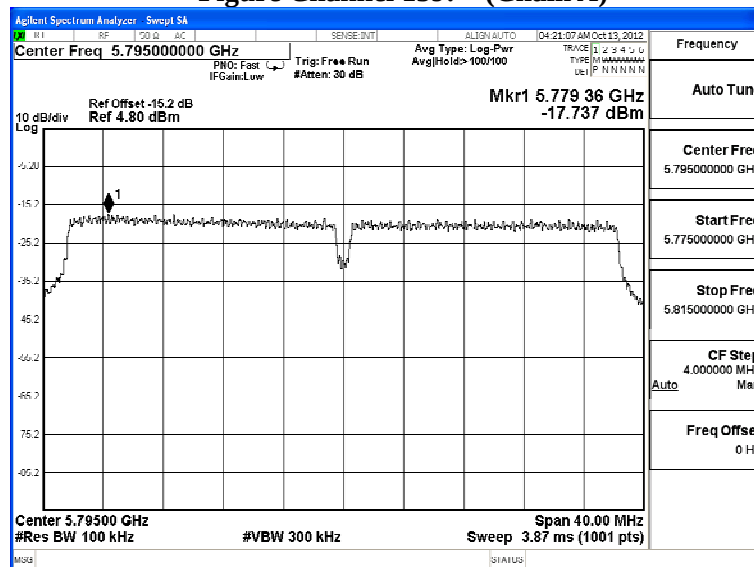


Figure Channel 159: (Chain B)

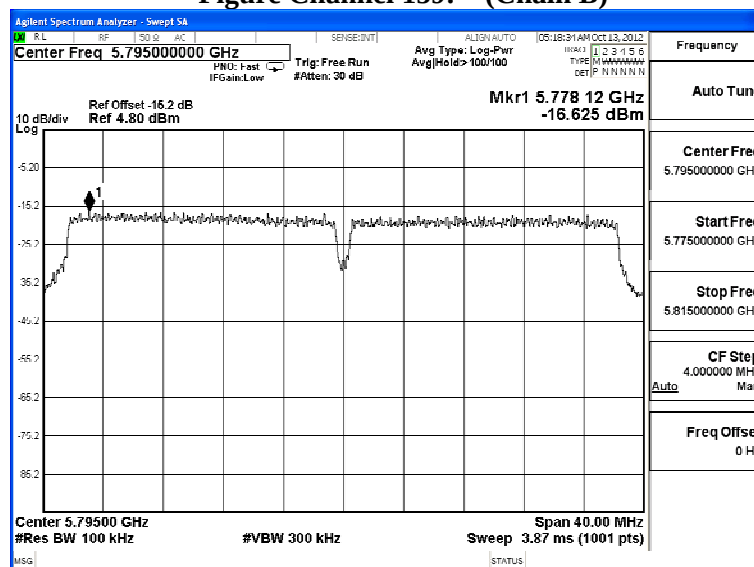
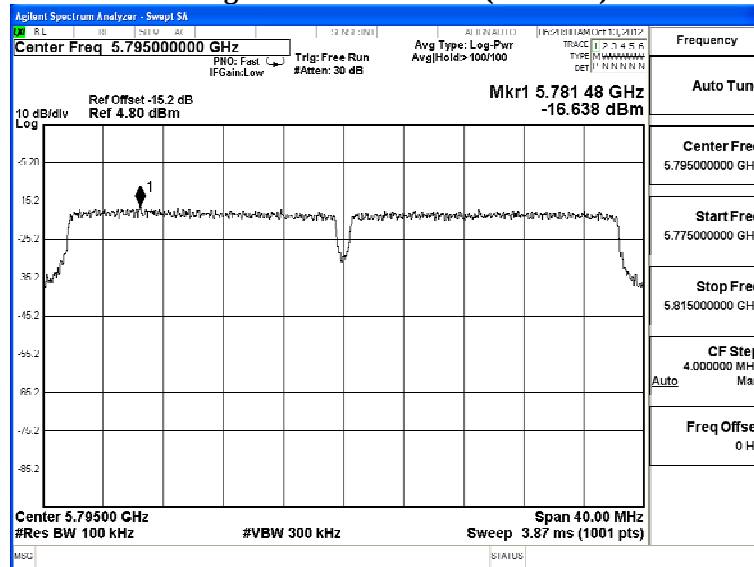


Figure Channel 159: (Chain C)



9. EMI Reduction Method During Compliance Testing

No modification was made during testing.

Attachment 1: EUT Test Photographs

Attachment 2: EUT Detailed Photographs