

Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_45Mbps(2.4G Band)(Dipole 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	-21.795	-21.620	-22.069	-17.053	< 8dBm	Pass

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

Figure Channel 1: (Chain A)

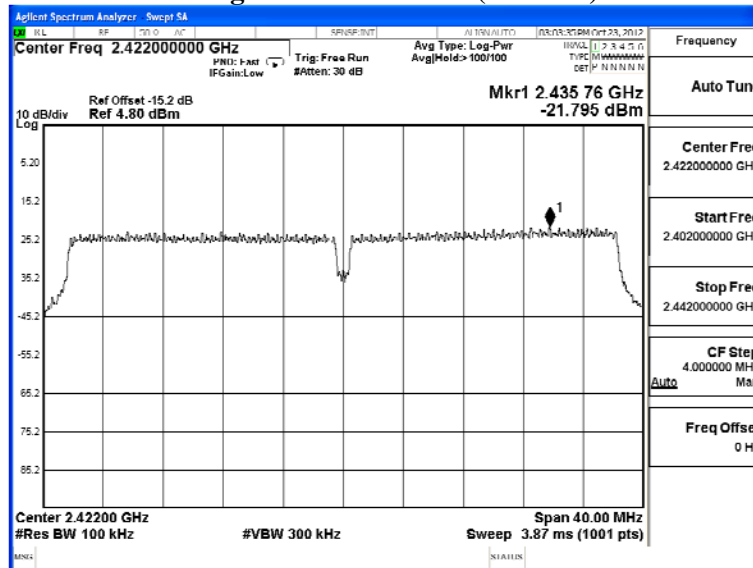


Figure Channel 1: (Chain B)

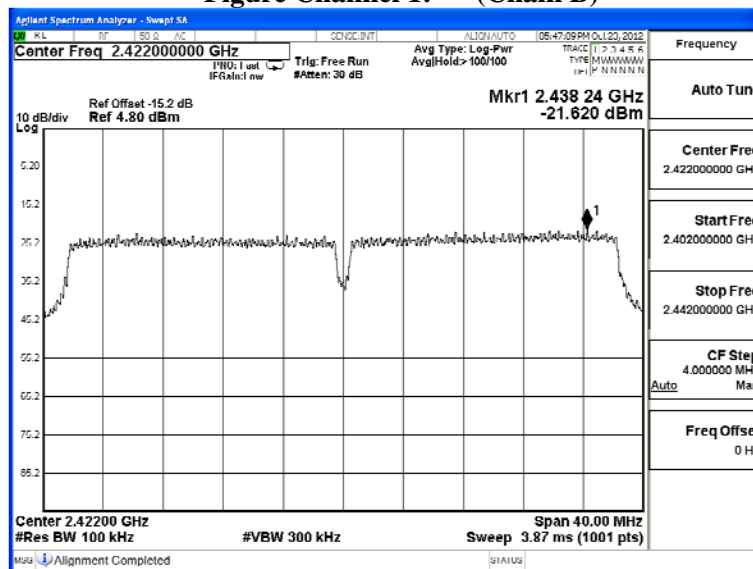
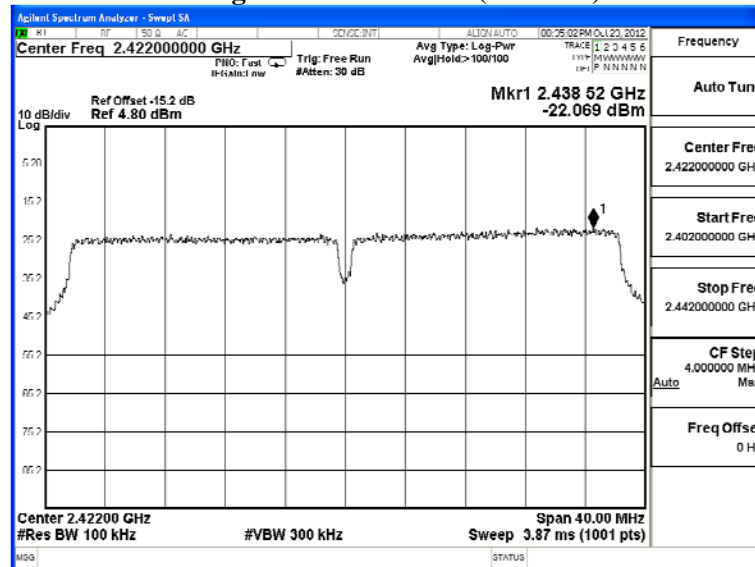


Figure Channel 1: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_45Mbps(2.4G Band)(Dipole 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	-10.686	-11.118	-10.614	-6.029	< 8dBm	Pass

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

Figure Channel 4: (Chain A)

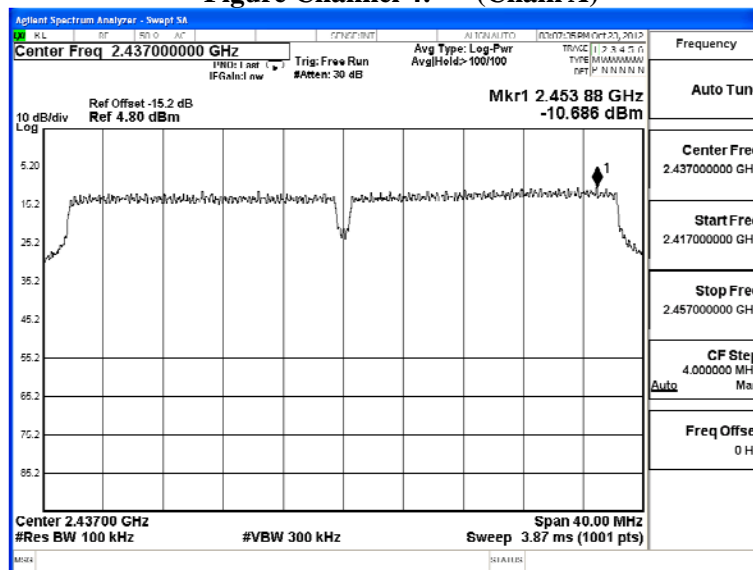
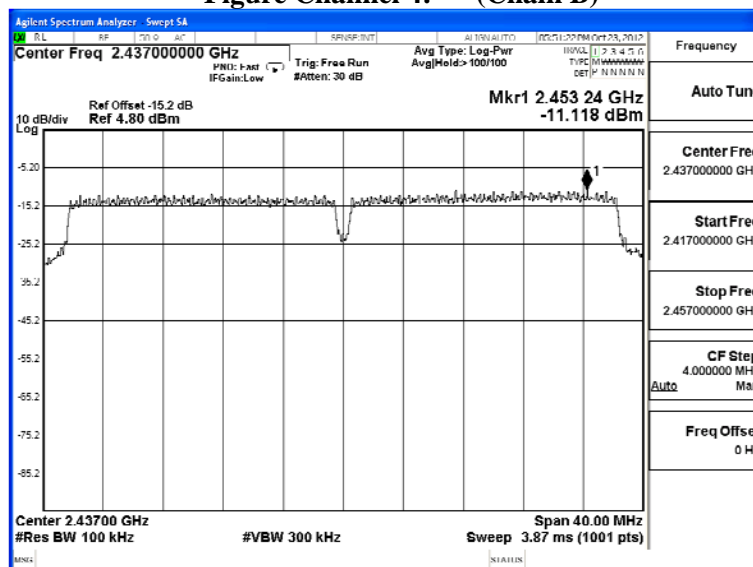
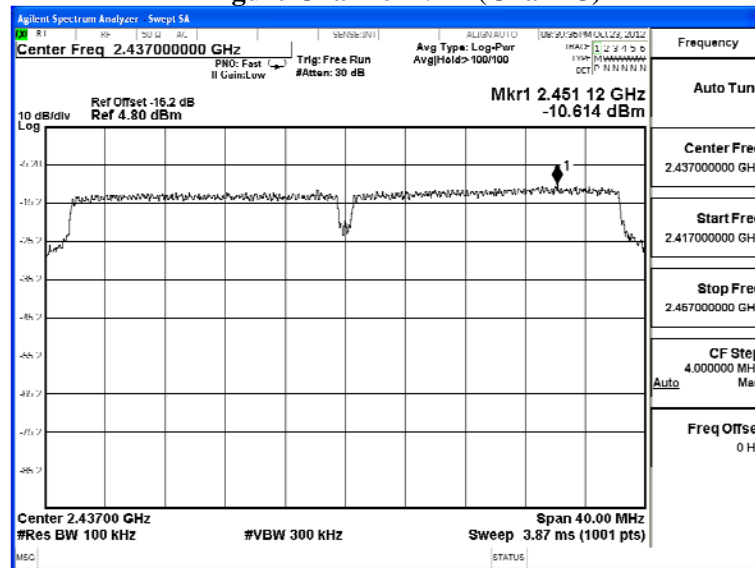


Figure Channel 4: (Chain B)



**Figure Channel 4: (Chain C)**



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 5: Transmit - 802.11n-40BW\_45Mbps(2.4G Band)(Dipole 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	-21.690	-22.497	-22.119	-17.440	< 8dBm	Pass

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

Figure Channel 7: (Chain A)

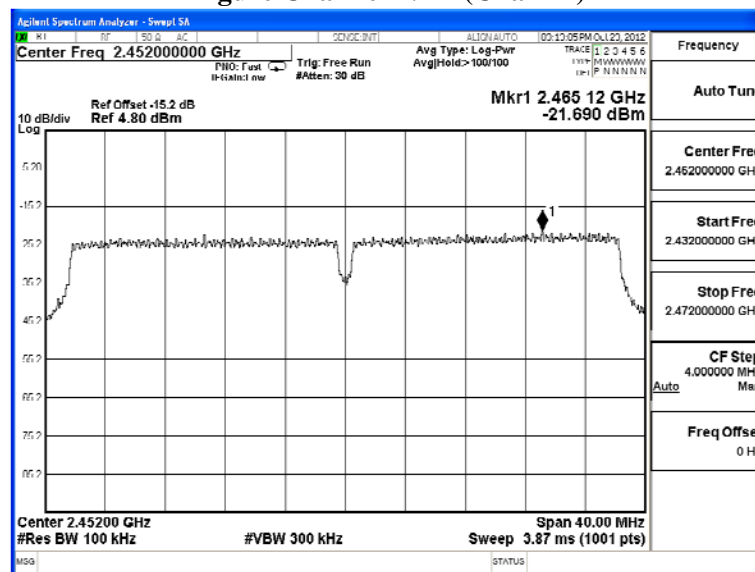


Figure Channel 7: (Chain B)

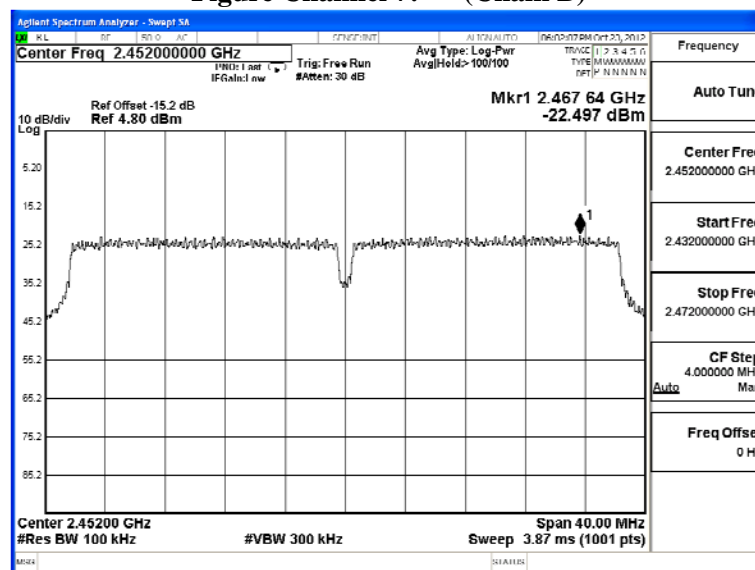
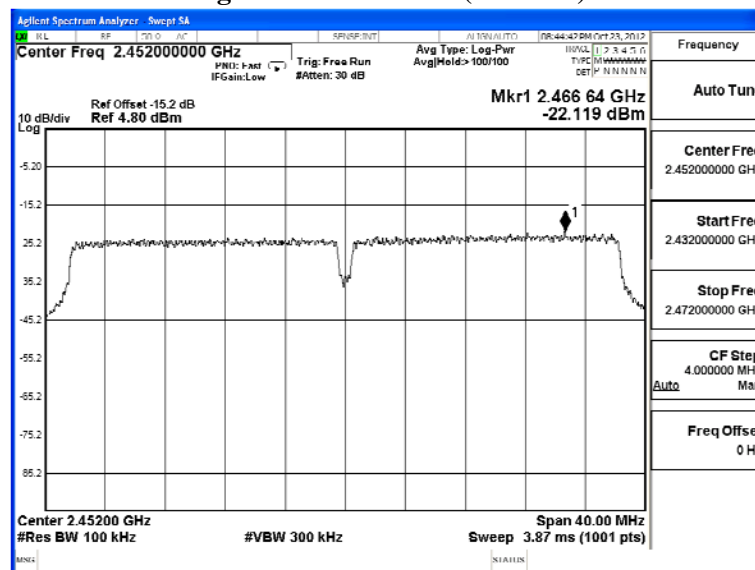


Figure Channel 7: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_45Mbps(5G Band)(Dipole 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	-13.775	-13.596	-15.094	-9.334	< 8dBm	Pass

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

Figure Channel 149: (Chain A)

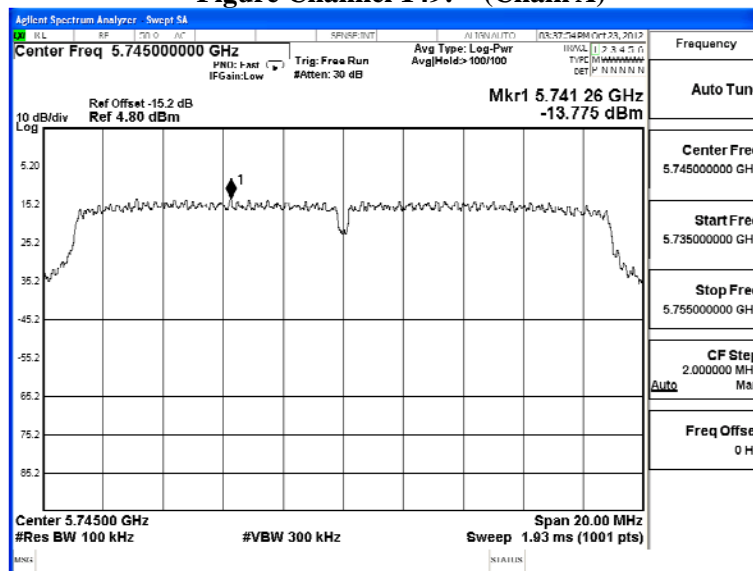


Figure Channel 149: (Chain B)

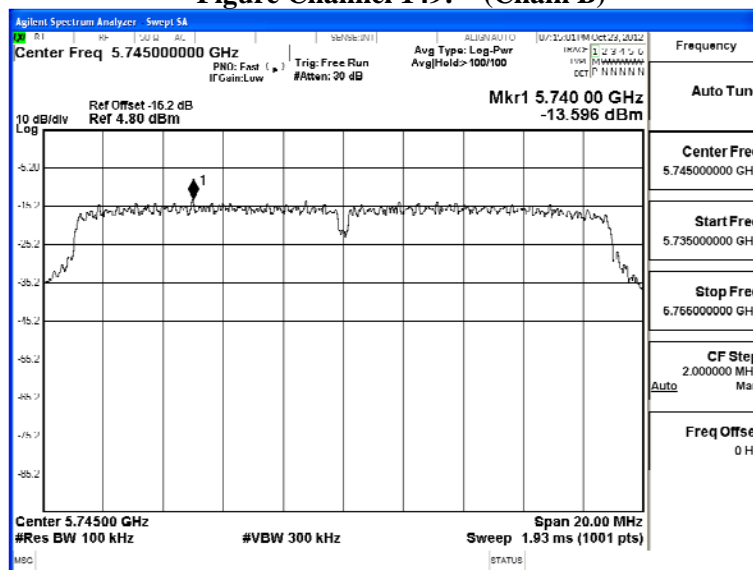
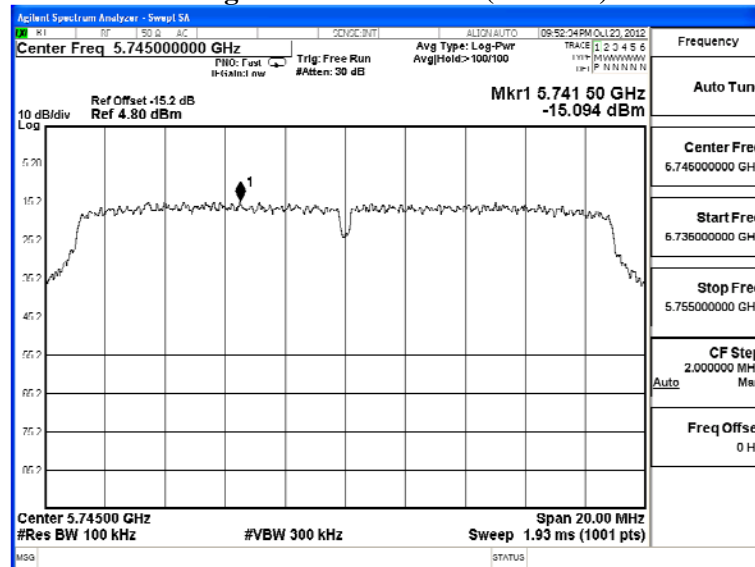


Figure Channel 149: (Chain C)





Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_45Mbps(5G Band)(Dipole 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	-14.248	-13.961	-14.663	-9.510	< 8dBm	Pass

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

Figure Channel 157: (Chain A)

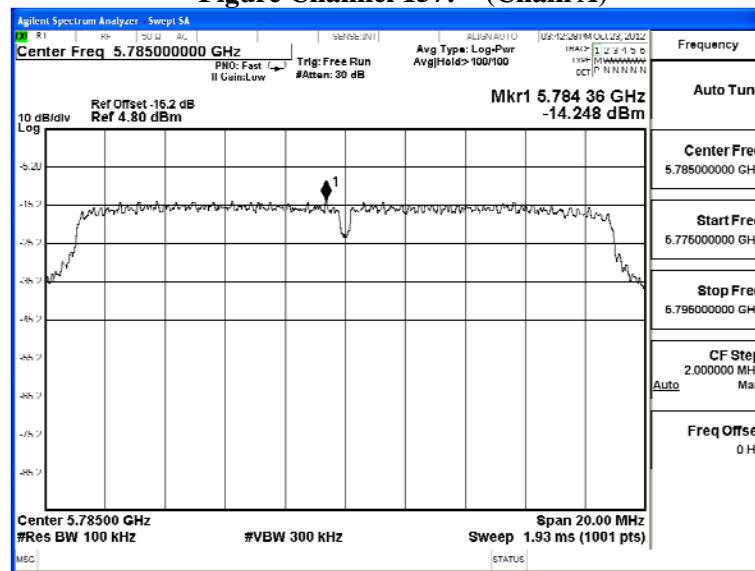


Figure Channel 157: (Chain B)

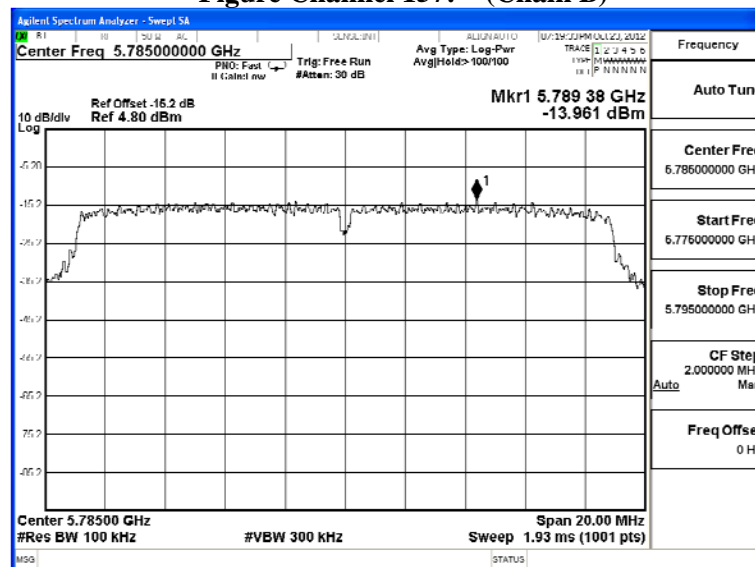
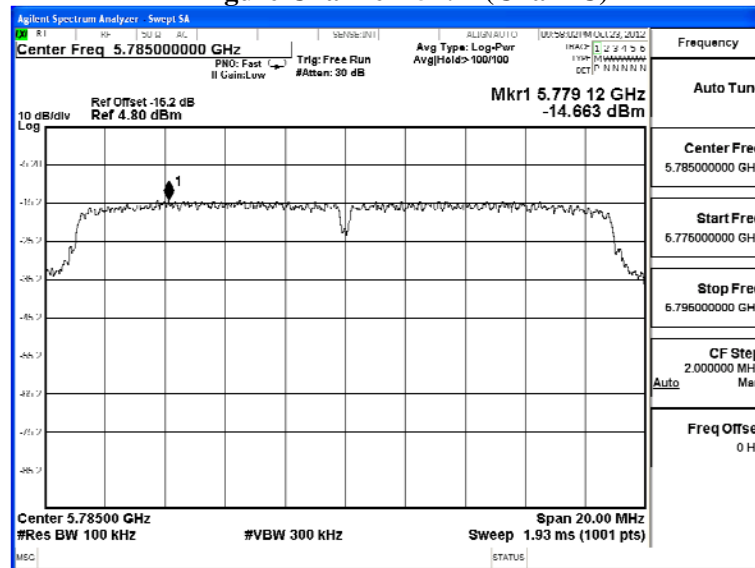


Figure Channel 157: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_45Mbps(5G Band)(Dipole 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	-14.089	-14.196	-13.531	-9.158	< 8dBm	Pass

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

Figure Channel 165: (Chain A)

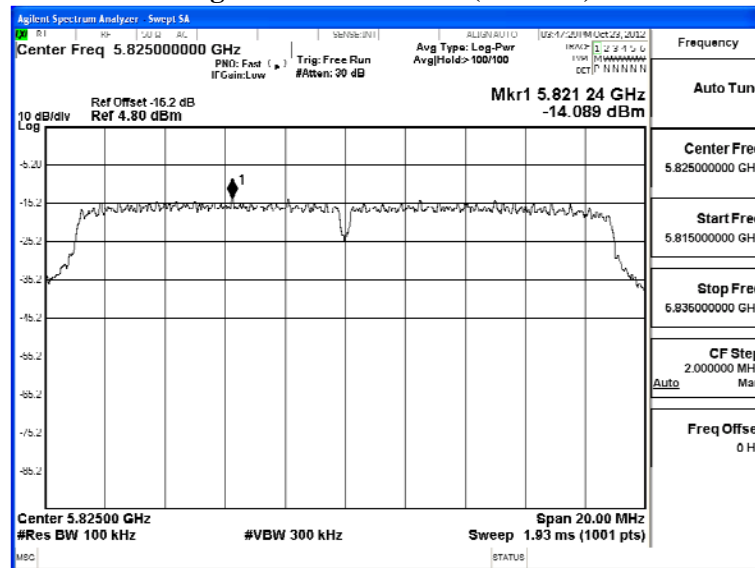


Figure Channel 165: (Chain B)

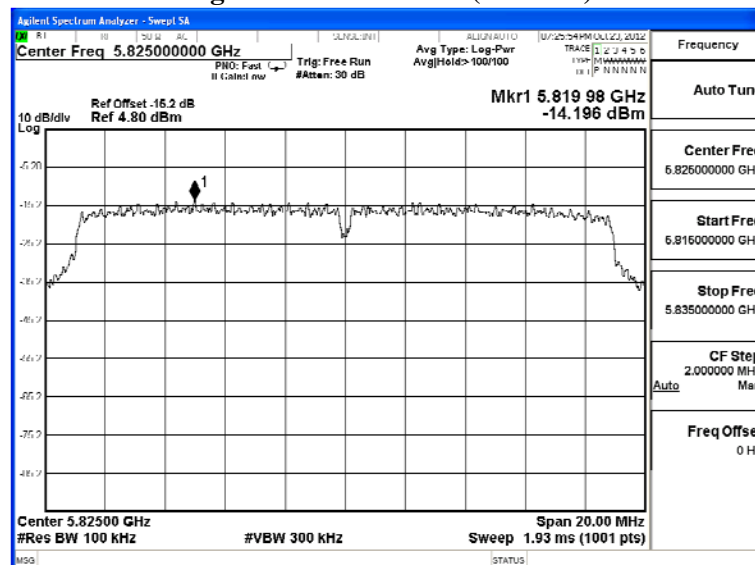
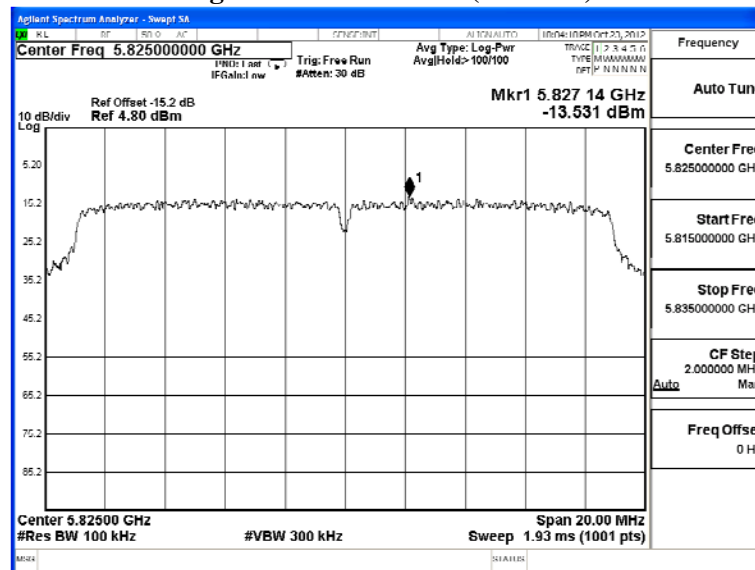


Figure Channel 165: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_45Mbps(5G Band)(Dipole 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	-16.602	-16.228	-18.189	-12.156	< 8dBm	Pass

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

Figure Channel 151: (Chain A)

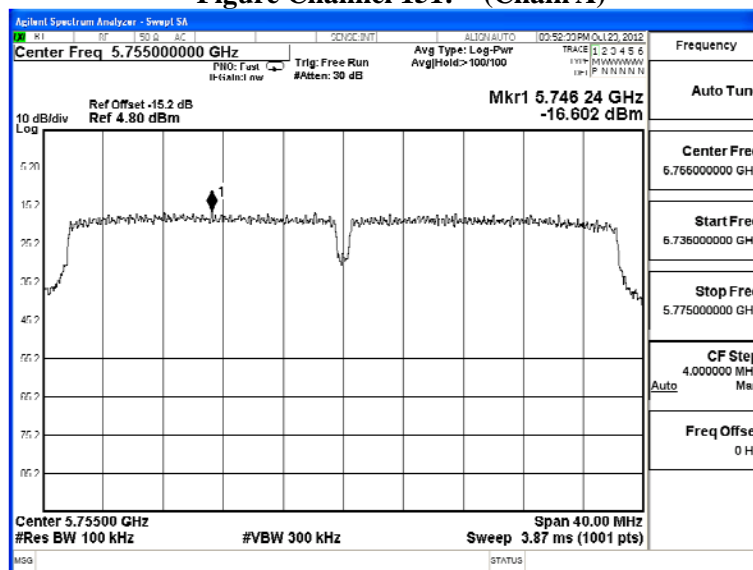


Figure Channel 151: (Chain B)

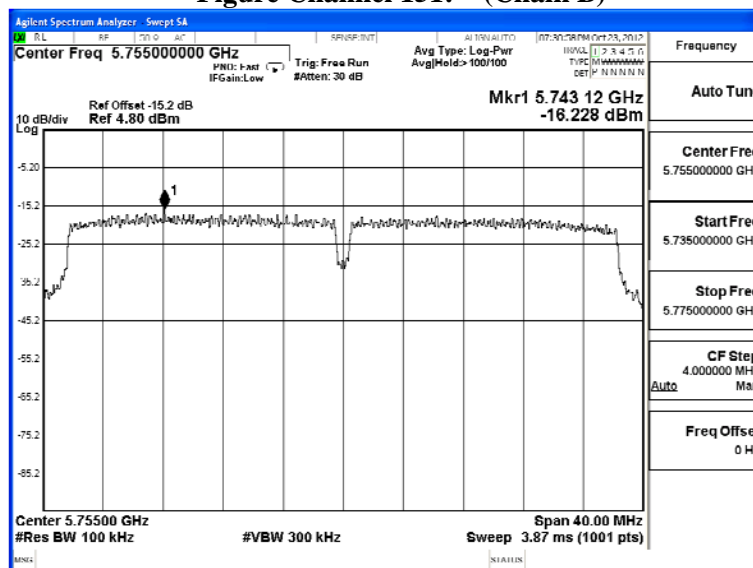
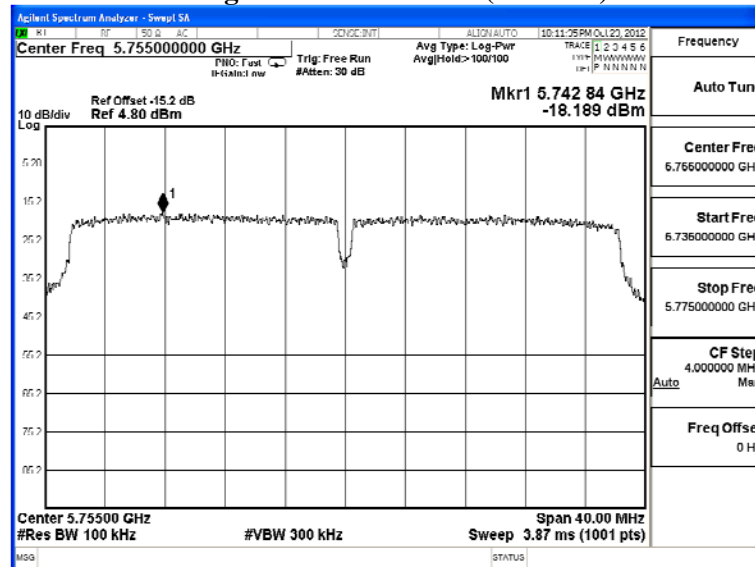


Figure Channel 151: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 7: Transmit - 802.11n-40BW\_45Mbps(5G Band)(Dipole 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	-16.474	-16.705	-16.780	-11.880	< 8dBm	Pass

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

Figure Channel 159: (Chain A)

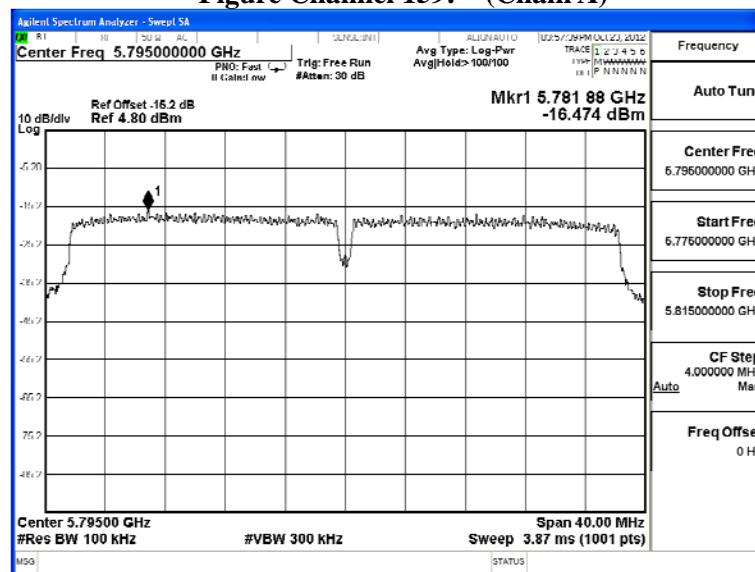


Figure Channel 159: (Chain B)

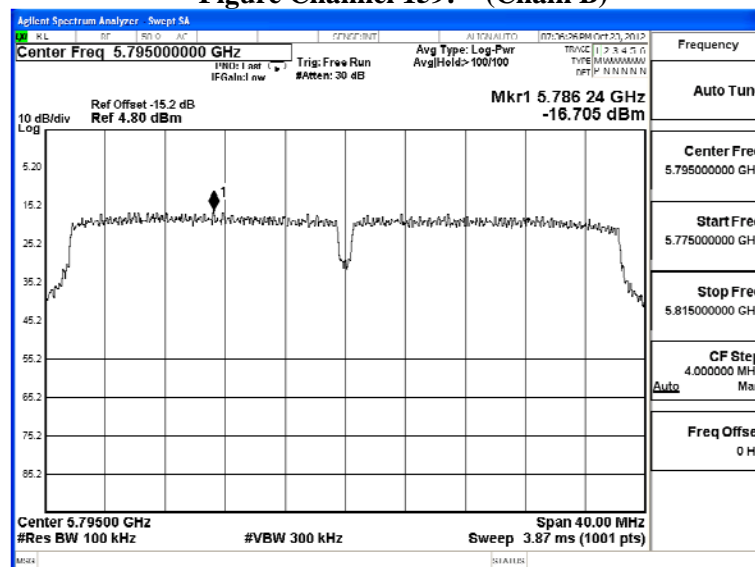
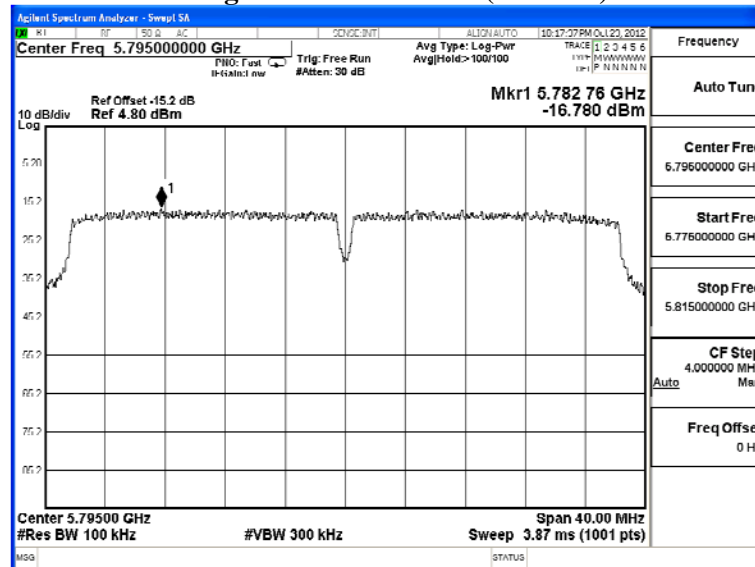


Figure Channel 159: (Chain C)





Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 8: Transmit (802.11b 1Mbps)(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	-5.486	-6.214	-6.878	-1.384	< 8dBm	Pass

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

Figure Channel 1: (Chain A)

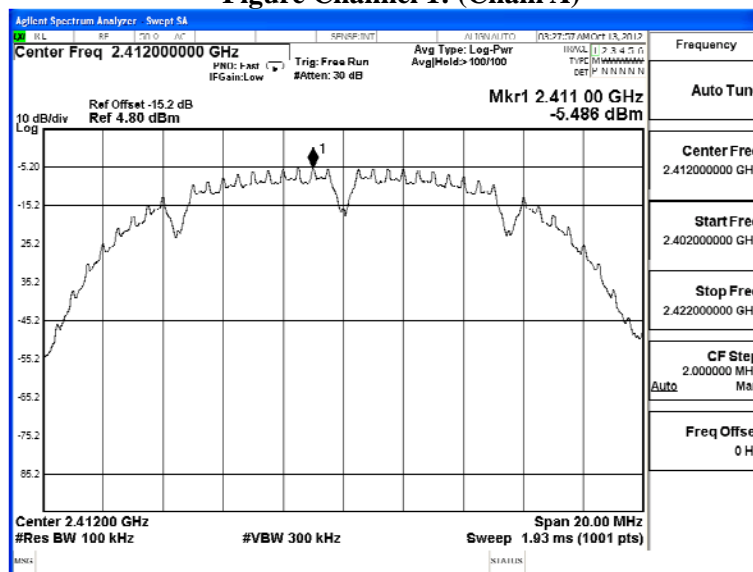


Figure Channel 1: (Chain B)

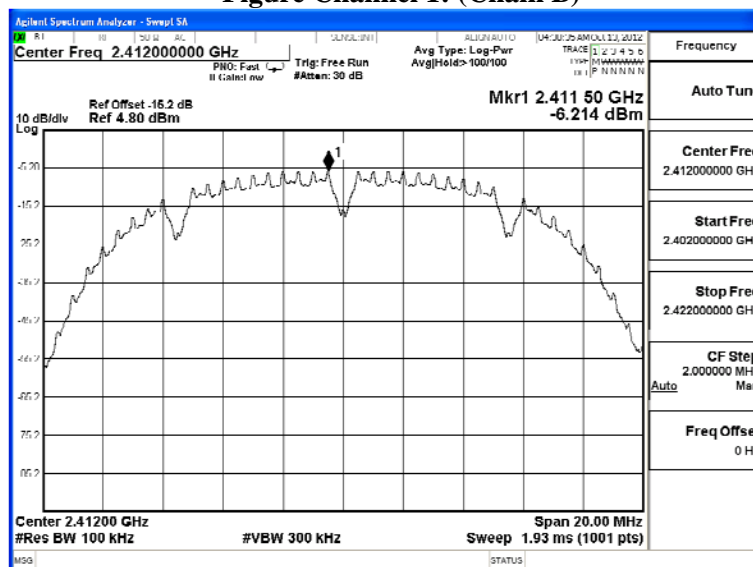
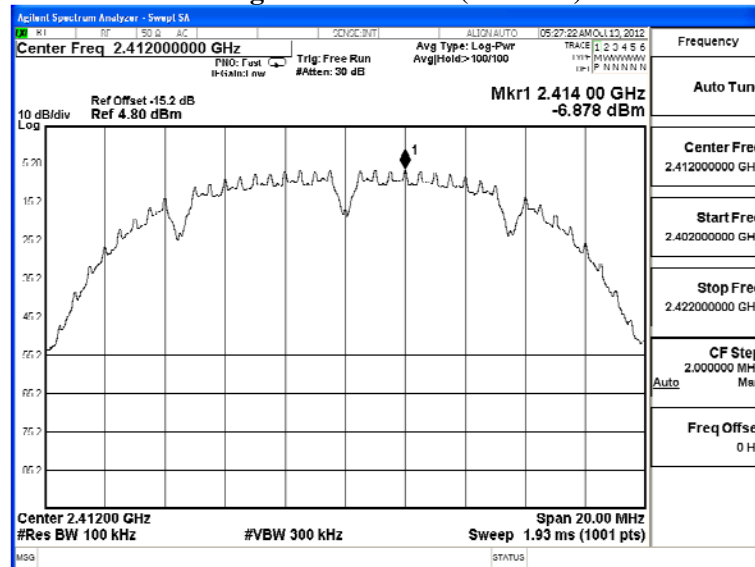


Figure Channel 1: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 8: Transmit (802.11b 1Mbps)(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	-5.946	-6.173	-5.921	-1.241	< 8dBm	Pass

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

Figure Channel 6: (Chain A)

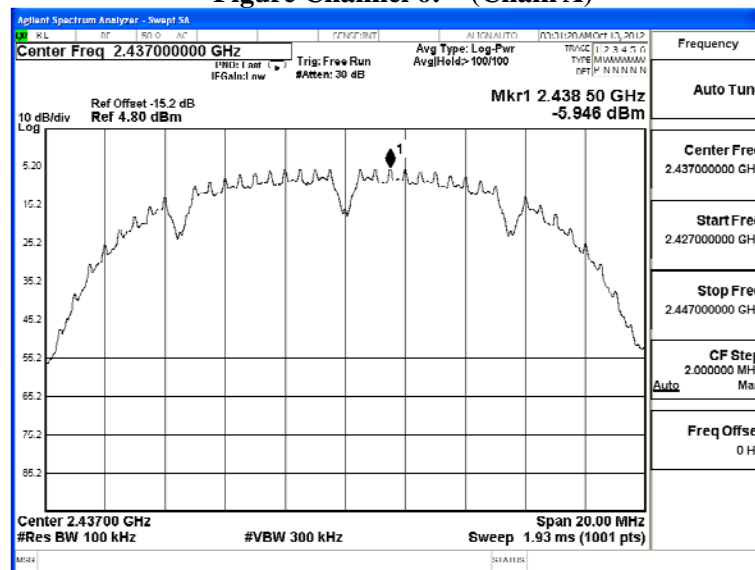


Figure Channel 6: (Chain B)

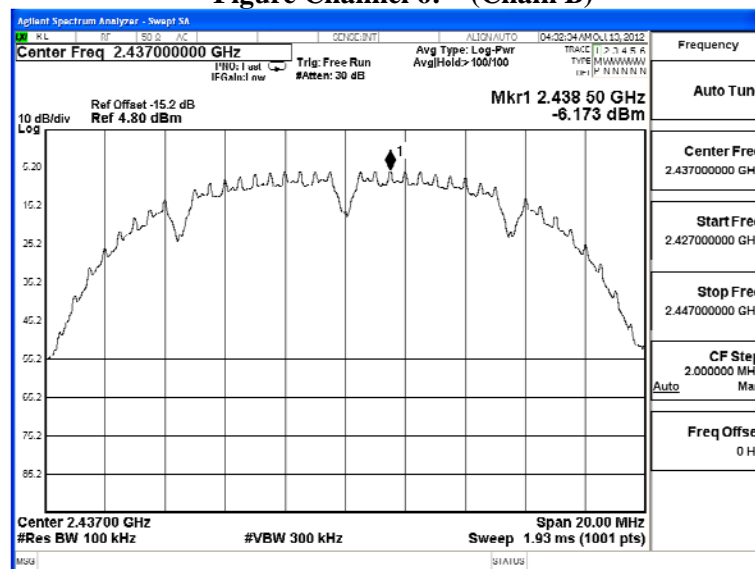
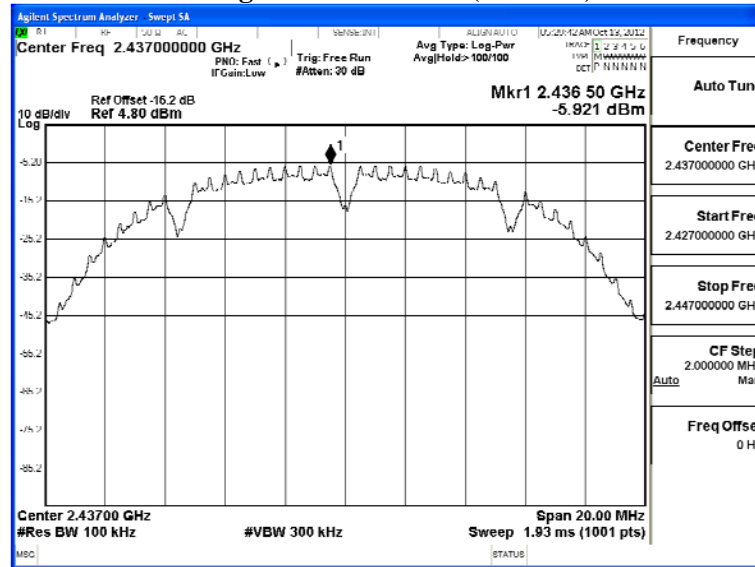


Figure Channel 6: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 8: Transmit (802.11b 1Mbps)(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	-5.904	-6.459	-6.603	-1.540	< 8dBm	Pass

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

Figure Channel 11: (Chain A)

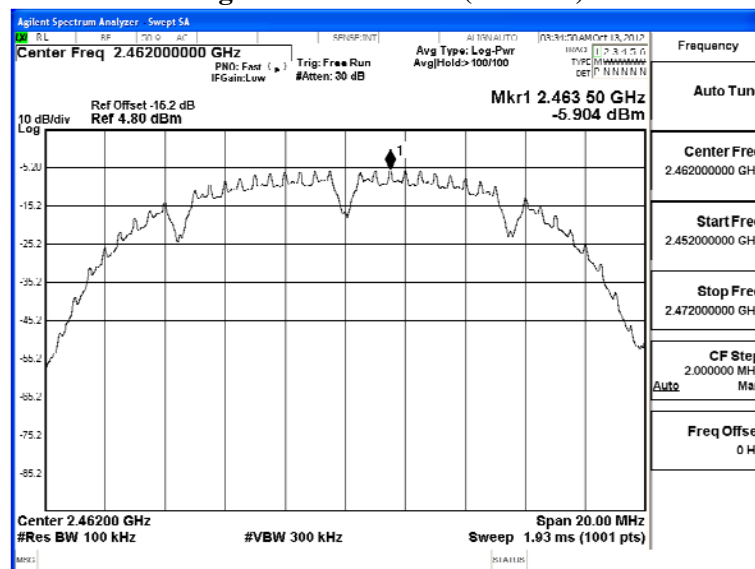


Figure Channel 11: (Chain B)

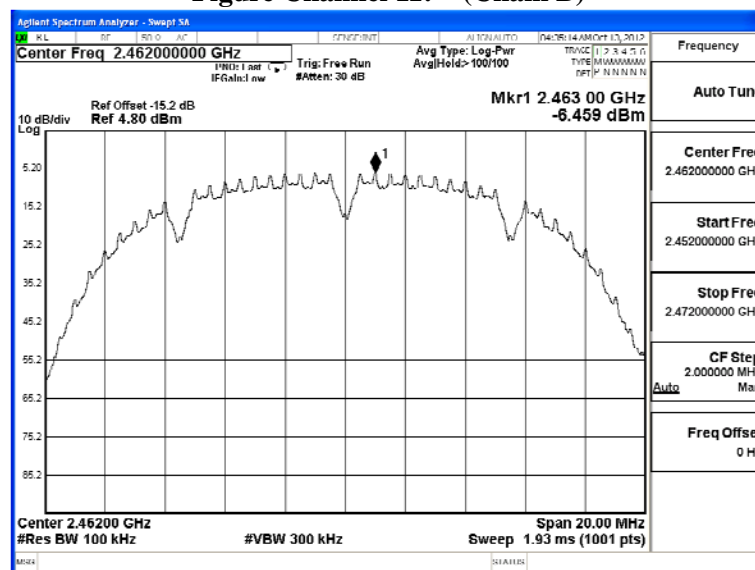
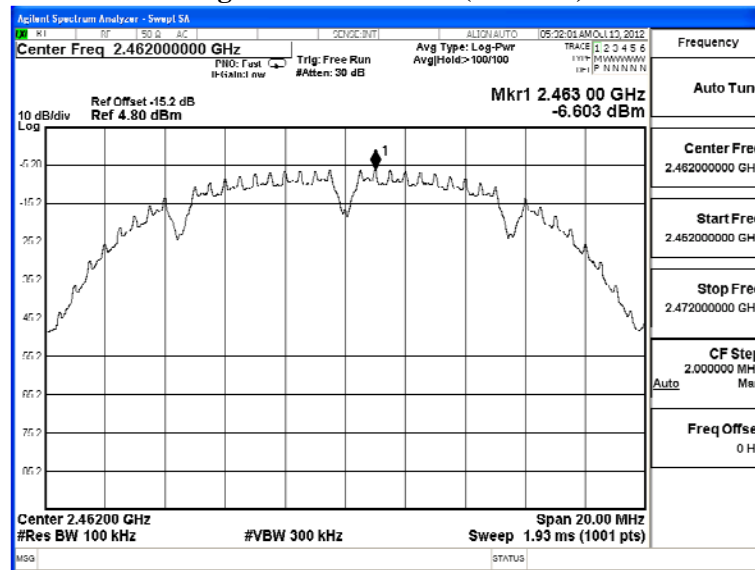


Figure Channel 11: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 9: Transmit (802.11g 6Mbps)(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	-14.696	-15.169	-16.118	-10.517	< 8dBm	Pass

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

Figure Channel 1: (Chain A)

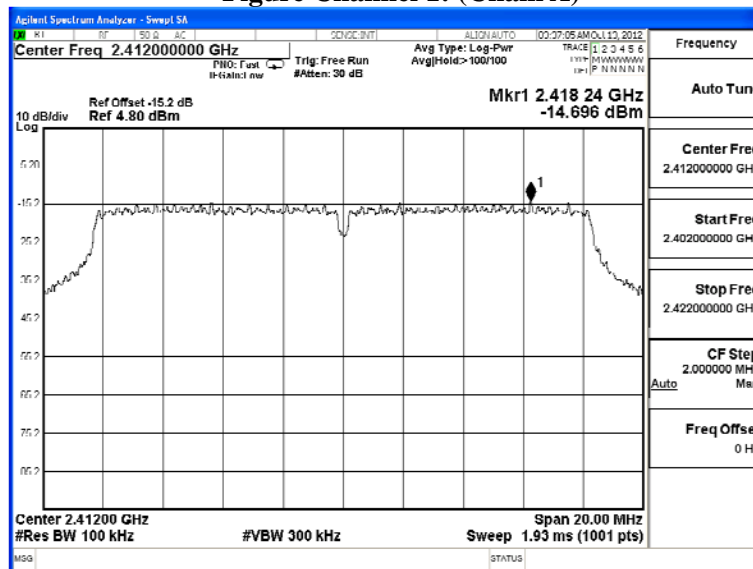
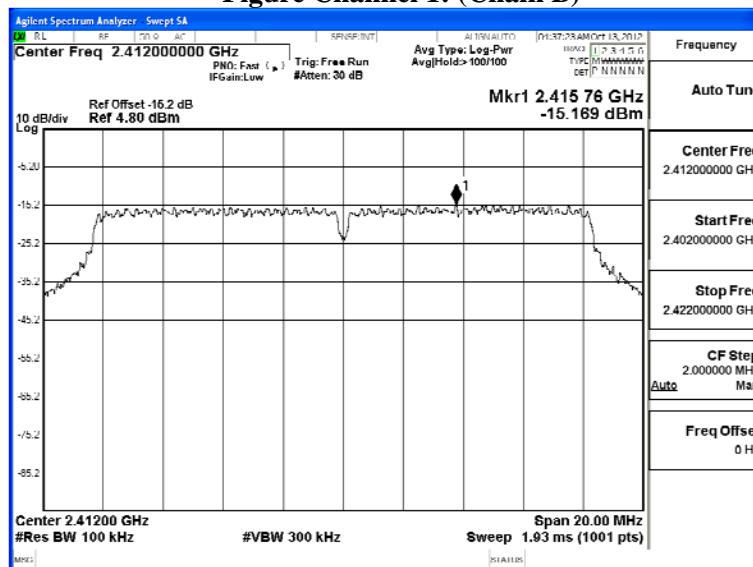
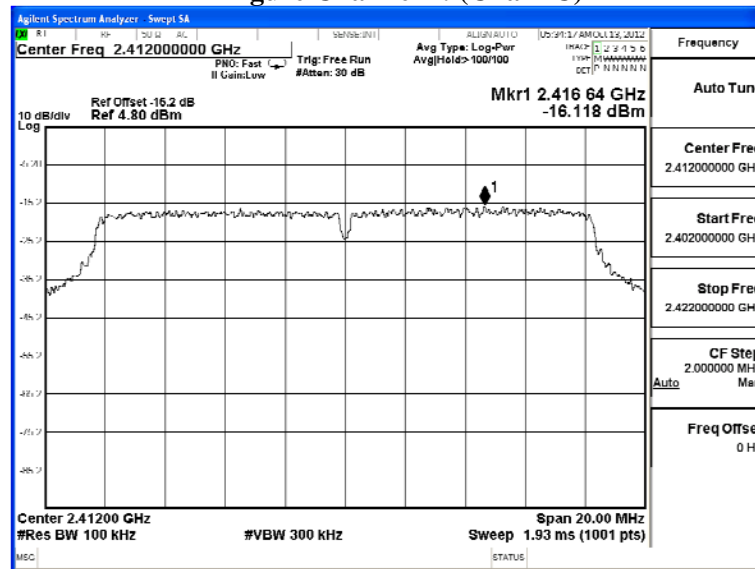


Figure Channel 1: (Chain B)



**Figure Channel 1: (Chain C)**





Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3OATS  
 Test Mode : Mode 9: Transmit (802.11g 6Mbps)(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	-7.607	-7.917	-7.957	-3.053	< 8dBm	Pass

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

Figure Channel 6: (Chain A)

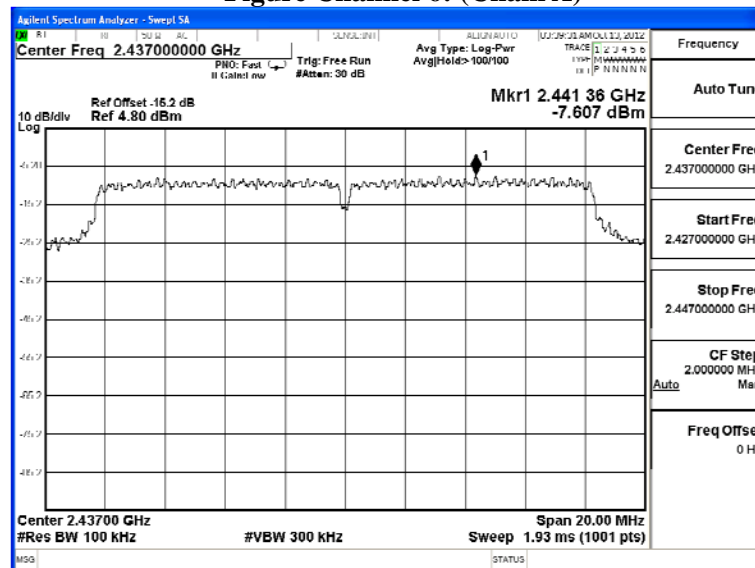


Figure Channel 6: (Chain B)

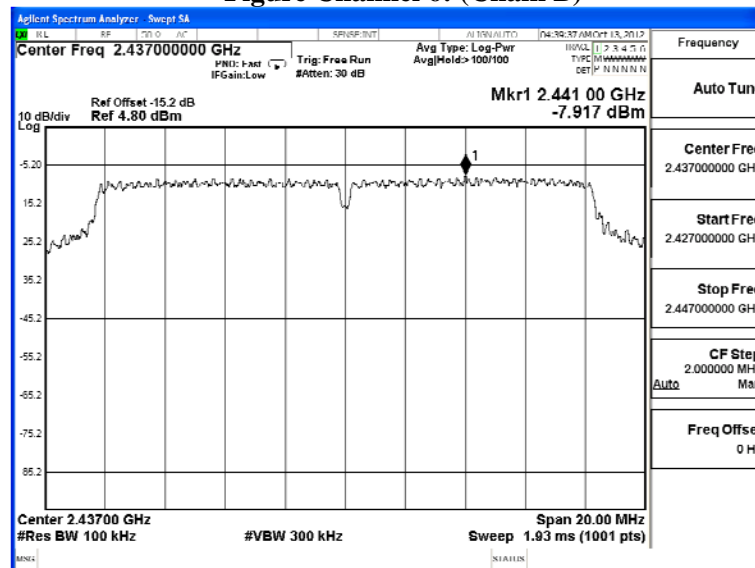
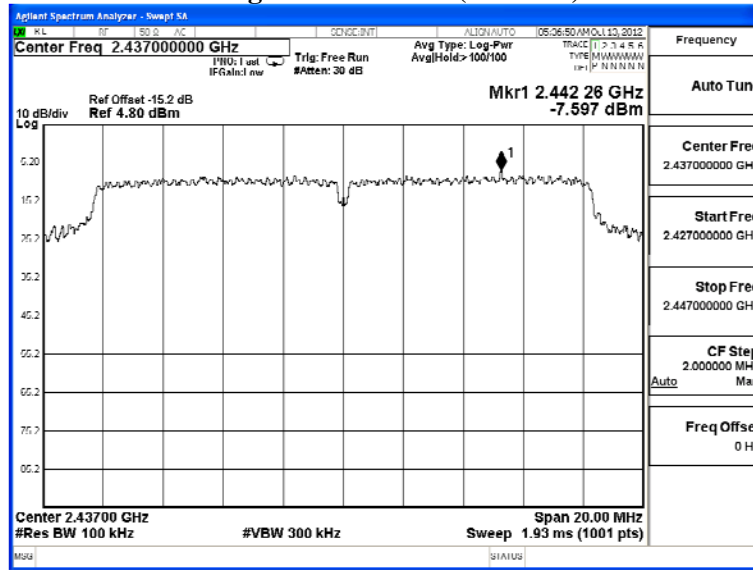


Figure Channel 6: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 9: Transmit (802.11g 6Mbps)(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	-15.843	-16.193	-16.335	-11.347	< 8dBm	Pass

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

Figure Channel 11: (Chain A)

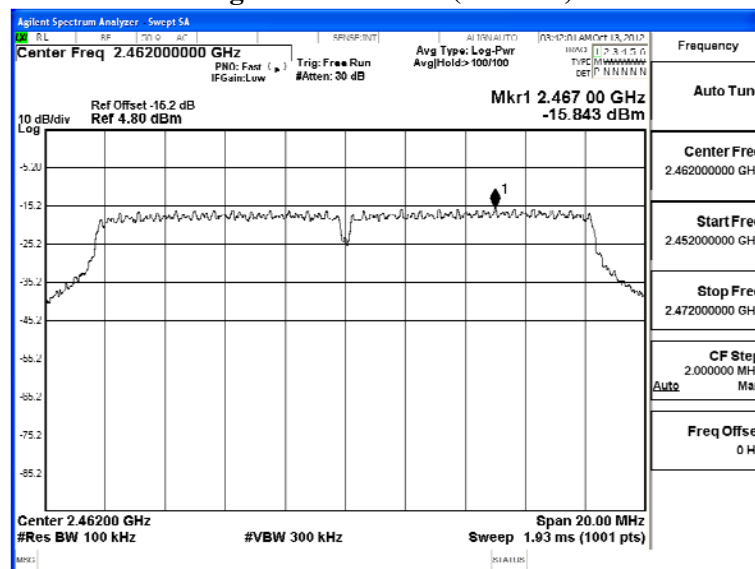


Figure Channel 11: (Chain B)

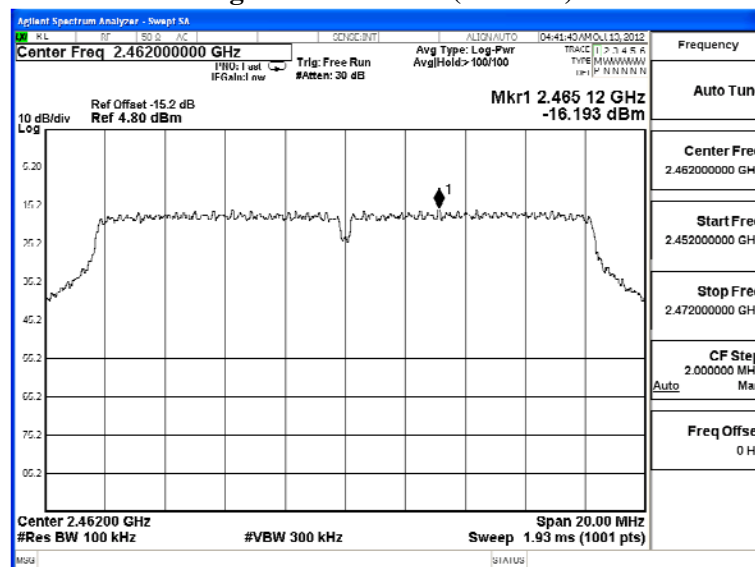
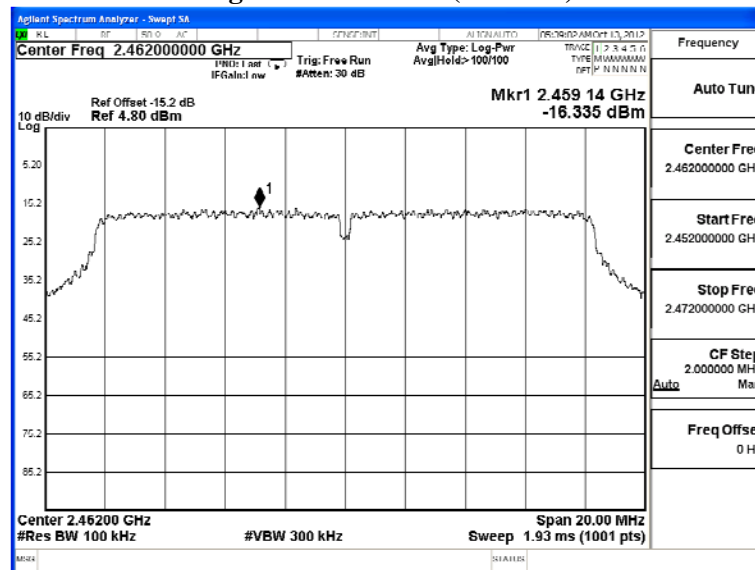


Figure Channel 11: (Chain C)



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 10: Transmit - 802.11a 6Mbps(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	-14.805	-14.286	-14.489	-9.750	< 8dBm	Pass

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

Figure Channel 149: (Chain A)

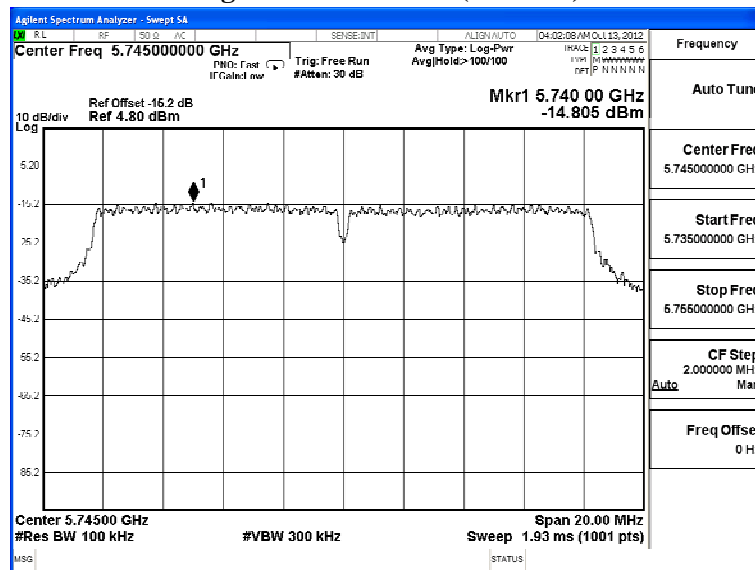
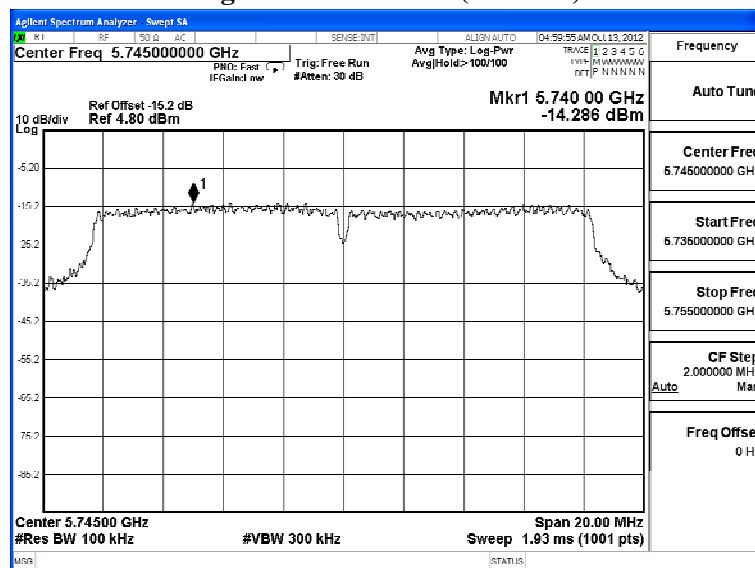
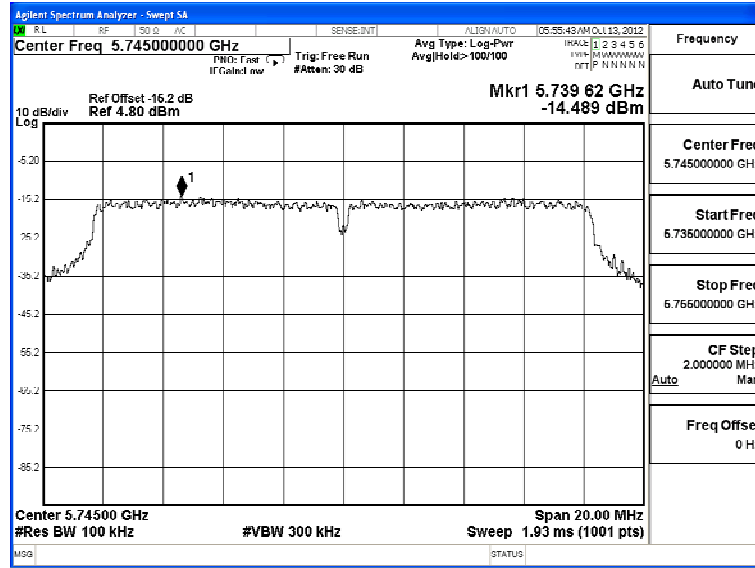


Figure Channel 149: (Chain B)



**Figure Channel 149: (Chain C)**



Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 10: Transmit - 802.11a 6Mbps(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	-14.753	-15.219	-14.123	-9.904	< 8dBm	Pass

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

Figure Channel 157: (Chain A)

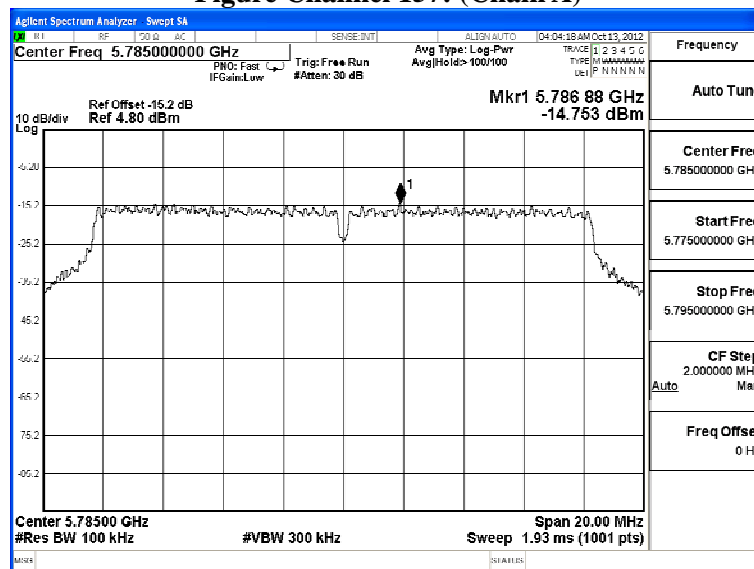


Figure Channel 157: (Chain B)

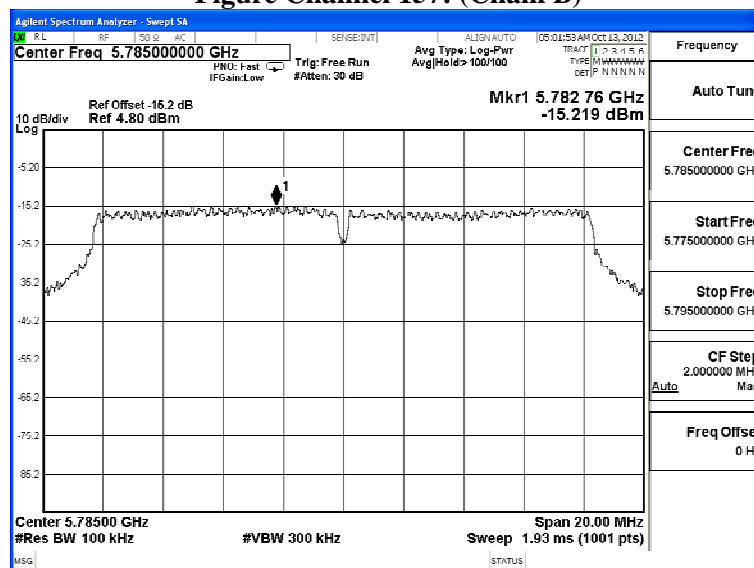
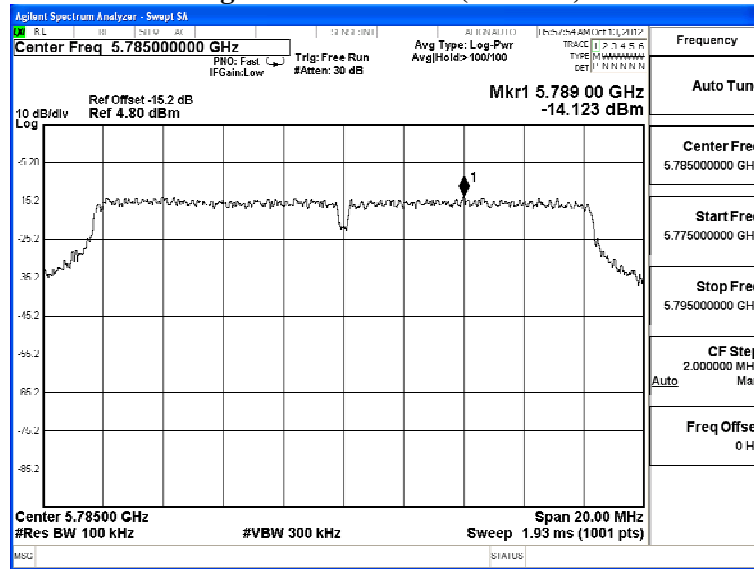


Figure Channel 157: (Chain C)





Product : SpectraGuardR Access Point / Sensor  
 Test Item : Power Density Data  
 Test Site : No.3 OATS  
 Test Mode : Mode 10: Transmit - 802.11a 6Mbps(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	-13.749	-13.654	-12.732	-8.582	< 8dBm	Pass

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

Figure Channel 165: (Chain A)

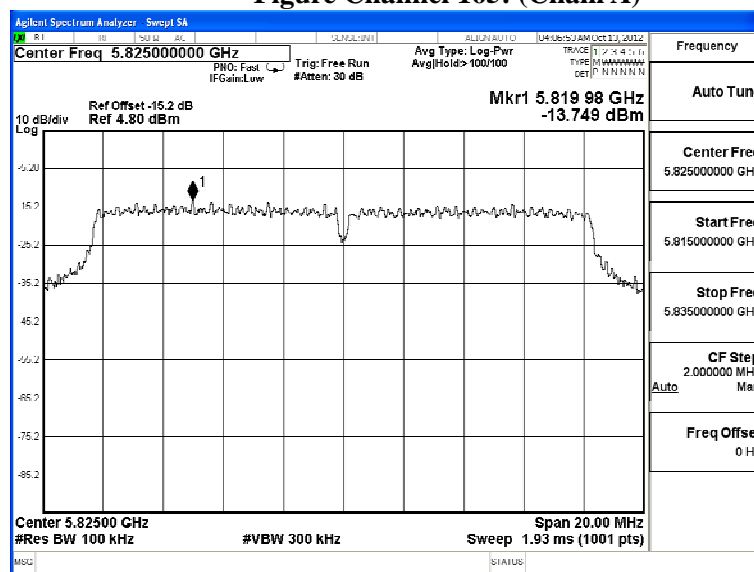


Figure Channel 165: (Chain B)

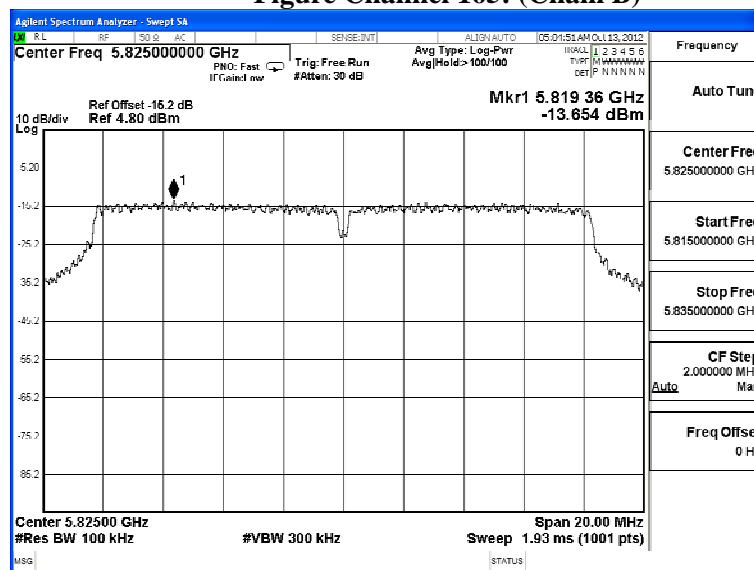


Figure Channel 165: (Chain C)

