

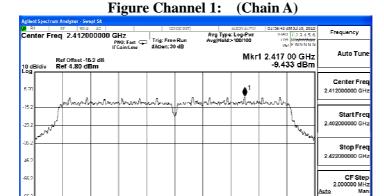
Test Item : Power Density Data

Center 2.41200 GHz Res BW 100 kHz

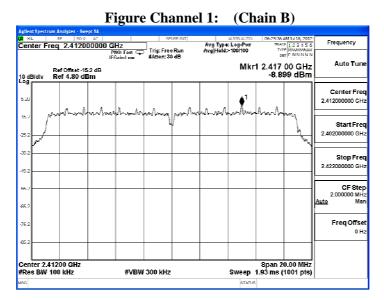
Test Site : No.3 OATS

Test Mode : Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) (2412MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
1	2412.00	-9.433	-8.899	-6.147	< 8dBm	Pass



#VBW 300 kHz Span 20.00 MHz Sweep 1.93 ms (1001 pts)



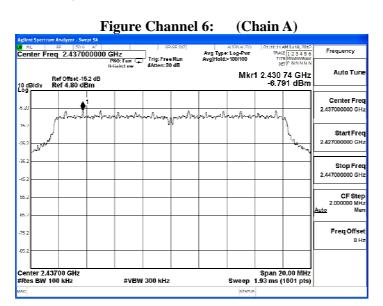


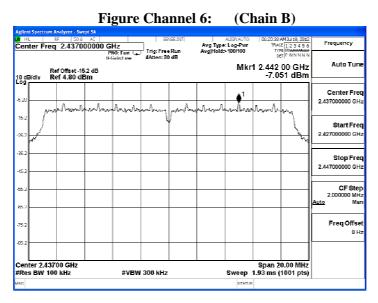
Test Item : Power Density Data

Test Site : No.3OATS

Test Mode : Mode 4: Transmit - 802.11n-20BW 14.4Mbps(2.4G Band) (2437MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
6	2437.00	-6.791	-7.051	-3.909	< 8dBm	Pass





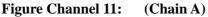


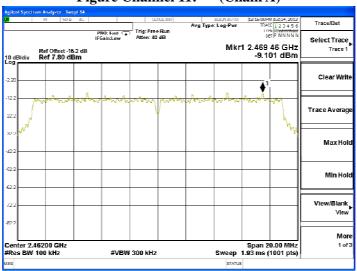
Test Item : Power Density Data

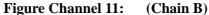
Test Site : No.3 OATS

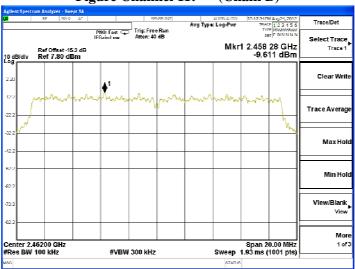
Test Mode : Mode 4: Transmit - 802.11n-20BW_14.4Mbps(2.4G Band) (2462MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
11	2462.00	-9.101	-9.611	-6.338	< 8dBm	Pass









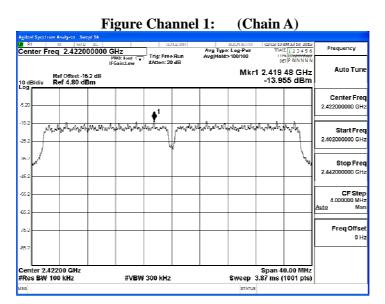


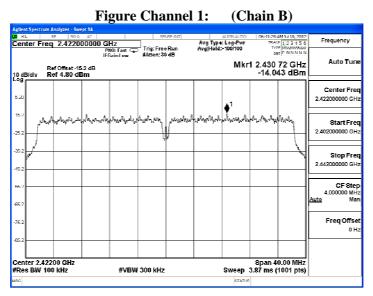
Test Item : Power Density Data

Test Site : No.3 OATS

Test Mode : Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) (2422MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
1	2422.00	-13.955	-14.043	-10.988	< 8dBm	Pass





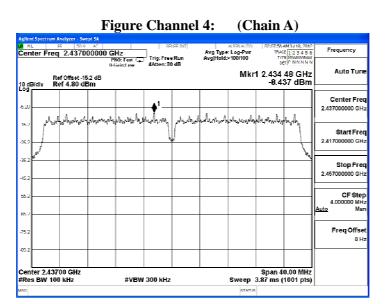


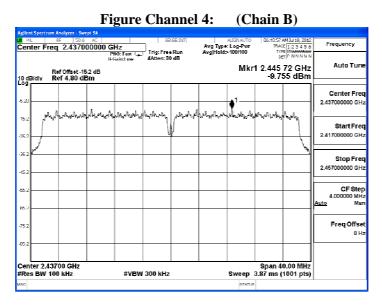
Test Item : Power Density Data

Test Site : No.3OATS

Test Mode : Mode 5: Transmit - 802.11n-40BW 30Mbps(2.4G Band) (2437MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
4	2437.00	-8.437	-9.755	-6.036	< 8dBm	Pass







Test Item : Power Density Data

Test Site : No.3 OATS

Test Mode : Mode 5: Transmit - 802.11n-40BW_30Mbps(2.4G Band) (2452MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
7	2452.00	-14.504	-15.563	-11.991	< 8dBm	Pass

Figure Channel 7: (Chain A)

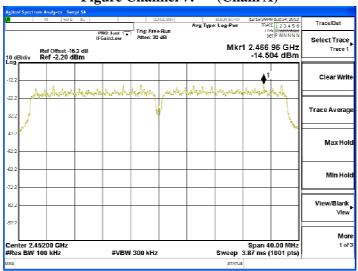
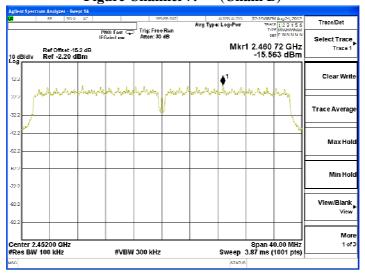


Figure Channel 7: (Chain B)



Freq Offs

Span 20.00 MHz Sweep 1.93 ms (1001 pts)

Span 20.00 MHz Sweep 1.93 ms (1001 pts)



Product : Router

Test Item : Power Density Data

Center 5.74500 GHz #Res BW 100 kHz

enter 5.74500 GHz Res BW 100 kHz

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5745MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
149	5745.00	-4.054	-6.383	-2.054	< 8dBm	Pass

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

#VBW 300 kHz

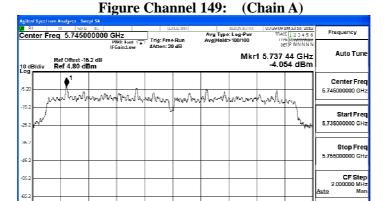


Figure Channel 149: (Chain B)

Applicate Spectrum Analyzer - Swept 54

Exercise 5 - 145 2000000 GHz

PROF Fort Progress - 145 2 dB

Ref Officer - 145 2 dB

Ref 4.80 dBm

Ref 4.80 dBm

Ref 5.745000000 GHz

-6.383 dBm

Center Freq 5.745000000 GHz

-6.383 dBm

Center Freq 5.745000000 GHz

-6.383 dBm

Center Freq 5.745000000 GHz

Start Freq 6.736000000 GHz

-6.745000000 GHz

-752

-752

-752

-752

-752

Page: 221 of 228

#VBW 300 kHz



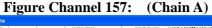
Product Router

Test Item Power Density Data

Test Site No.3OATS

Test Mode Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5785MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
157	5785.00	-4.706	-6.435	-2.475	< 8dBm	Pass



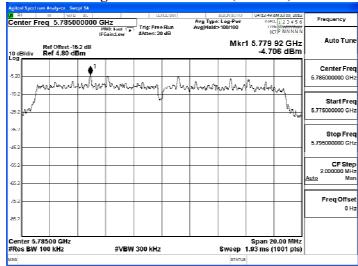
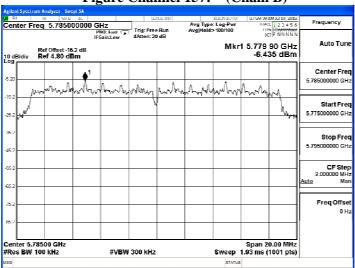


Figure Channel 157: (Chain B)





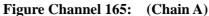
Test Item : Power Density Data

Test Site : No.3 OATS

Test Mode : Mode 6: Transmit - 802.11n-20BW_14.4Mbps(5G Band) (5825MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
165	5825.00	-4.946	-7.315	-2.961	< 8dBm	Pass

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



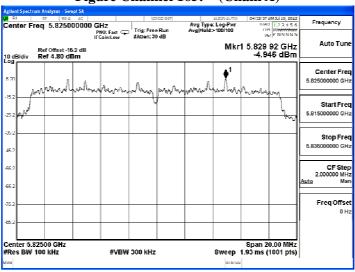
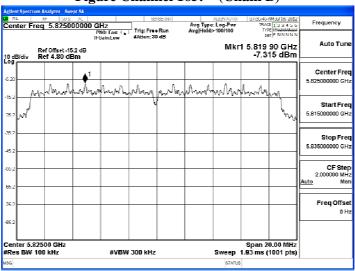


Figure Channel 165: (Chain B)





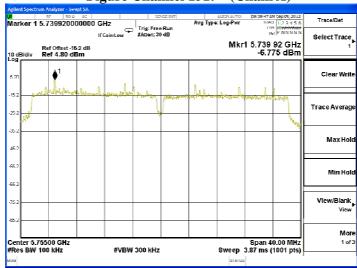
Test Item : Power Density Data

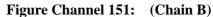
Test Site : No.3 OATS

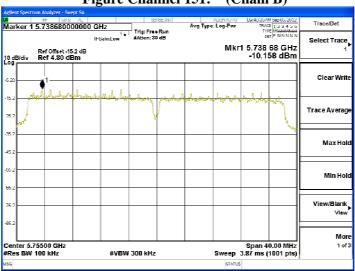
Test Mode : Mode 7: Transmit - 802.11n-40BW_30Mbps(5G Band) (5755MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
151	5755.00	-6.775	-10.158	-5.135	< 8dBm	Pass









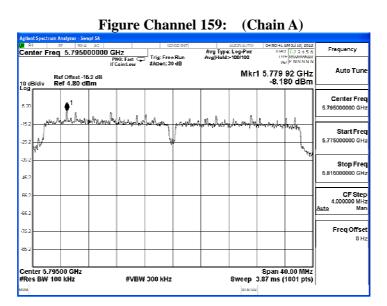


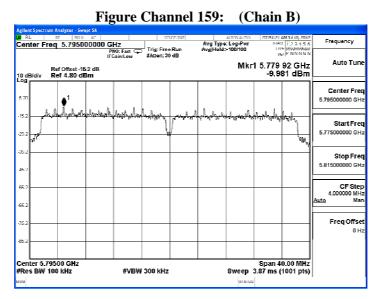
Test Item : Power Density Data

Test Site : No.3OATS

Test Mode : Mode 7: Transmit - 802.11n-40BW 30Mbps(5G Band) (5795MHz)

Channel No.	Frequency (MHz)	Chain A Power (dBm)	Chain B Power (dBm)	Chain A+B Power (dBm)	Limit (dBm)	Result
159	5795.00	-8.180	-9.981	-5.978	< 8dBm	Pass







9. EMI Reduction Method During Compliance Testing

No modification was made during testing.



Attachment 1: EUT Test Photographs



Attachment 2: EUT Detailed Photographs