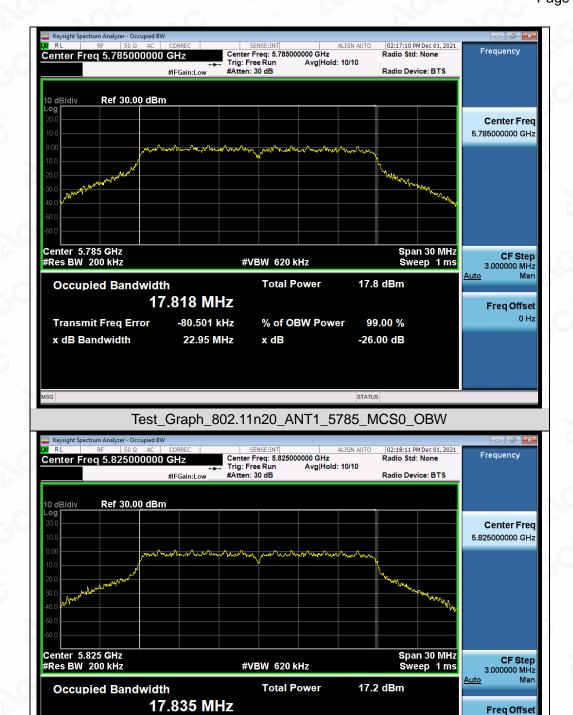


Test\_Graph\_802.11n20\_ANT1\_5745\_MCS0\_OBW





% of OBW Power

x dB

Test\_Graph\_802.11n20\_ANT1\_5825\_MCS0\_OBW

99.00 %

-26.00 dB

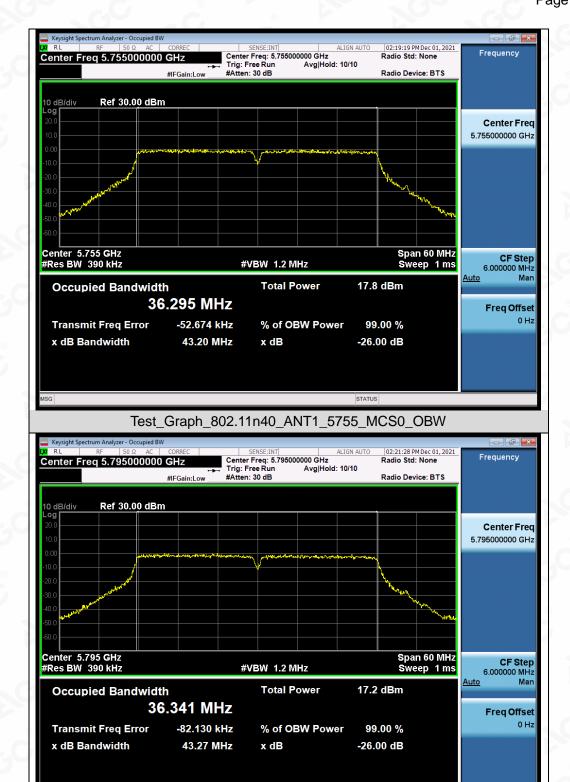
-68.178 kHz

23.21 MHz

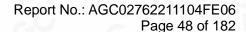
**Transmit Freq Error** 

x dB Bandwidth





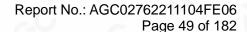
Test\_Graph\_802.11n40\_ANT1\_5795\_MCS0\_OBW







Test\_Graph\_802.11ac20\_ANT1\_5785\_MCS0\_OBW



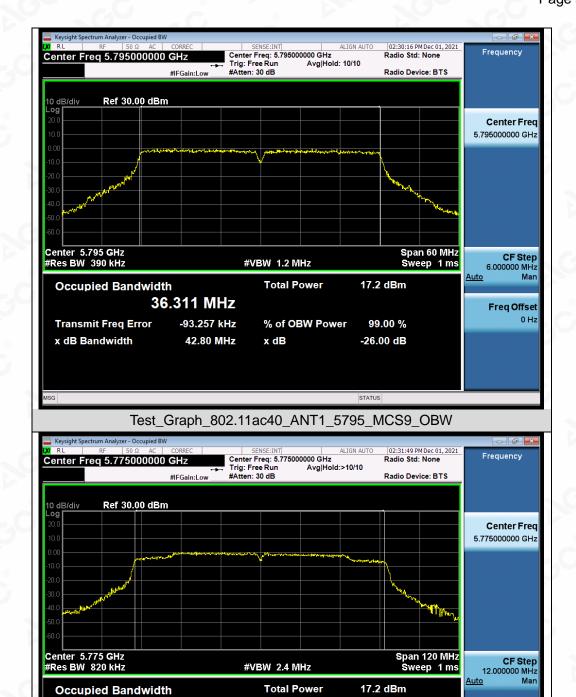




Test\_Graph\_802.11ac40\_ANT1\_5755\_MCS9\_OBW

Freq Offset





74.961 MHz

-229.94 kHz

86.21 MHz

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Pesting/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written exchorization of AGC he test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc~cert.com.

% of OBW Power

x dB

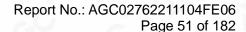
Test\_Graph\_802.11ac80\_ANT1\_5775\_MCS9\_OBW

99.00 %

-26.00 dB

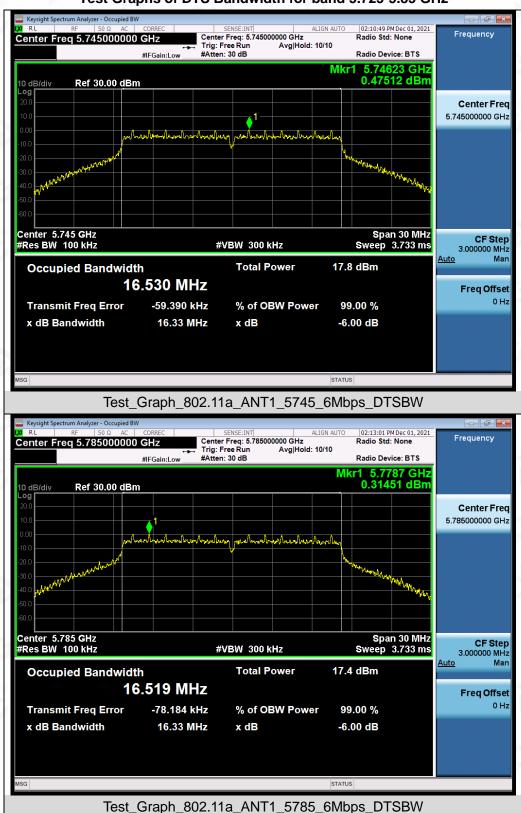
**Transmit Freq Error** 

x dB Bandwidth



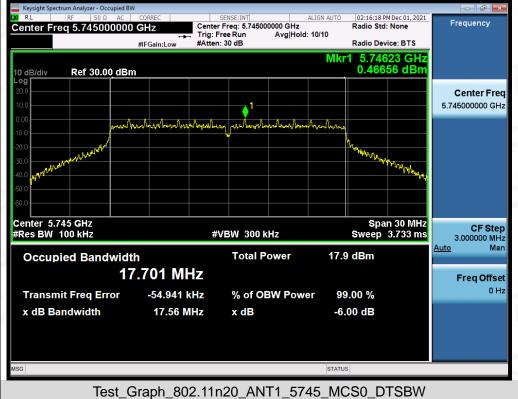


#### Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

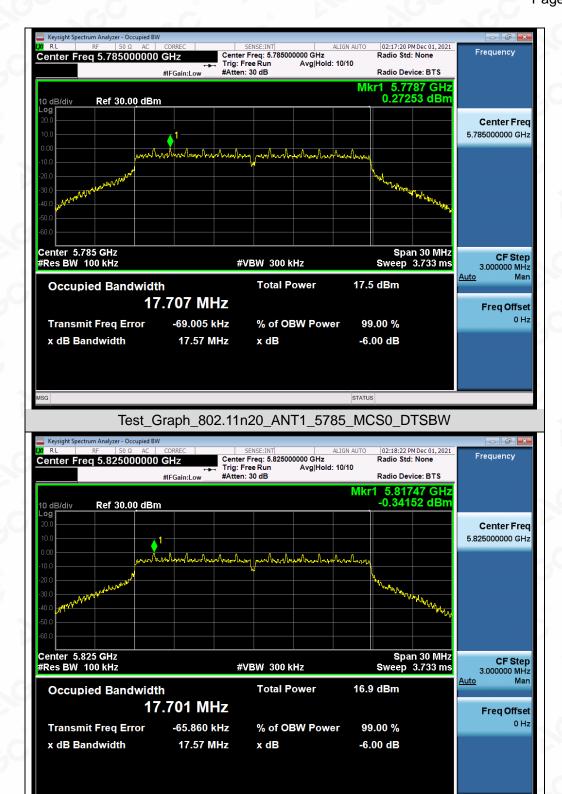






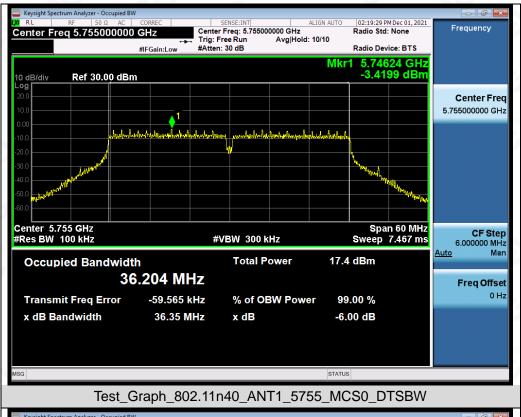


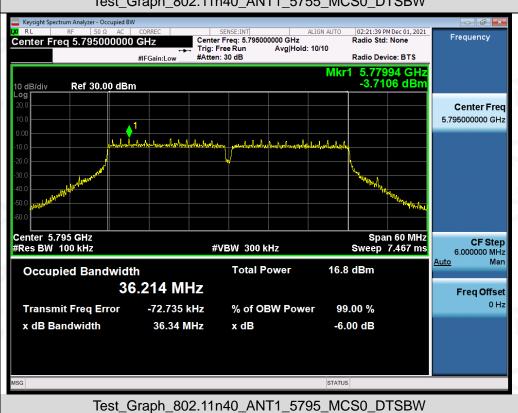




Test\_Graph\_802.11n20\_ANT1\_5825\_MCS0\_DTSBW





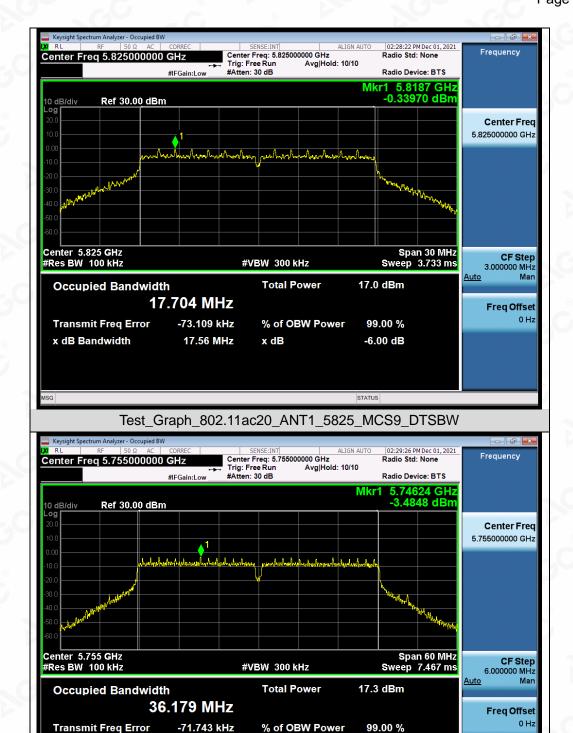






Test\_Graph\_802.11ac20\_ANT1\_5785\_MCS0\_DTSBW





x dB

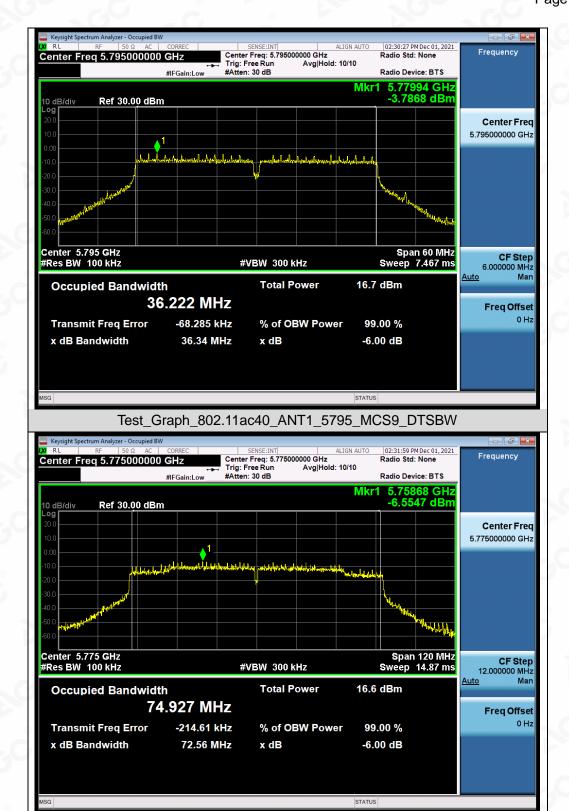
Test\_Graph\_802.11ac40\_ANT1\_5755\_MCS9\_DTSBW

-6.00 dB

36.32 MHz

x dB Bandwidth





Test\_Graph\_802.11ac80\_ANT1\_5775\_MCS9\_DTSBW



Report No.: AGC02762211104FE06

Page 58 of 182

# 9. MAXIMUM CONDUCTED OUTPUT AVERAGE POWER SPECTRAL DENSITY

#### 9.1. MEASUREMENT PROCEDURE

Refer to KDB 789033 section F

# 9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)

Refer to Section 8.2.

## 9.3. MEASUREMENT EQUIPMENT USED

Refer to Section 6.

## 9.4. LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power Density for band 5.15-5.25 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5180	1.324	11	Pass
802.11a	5200	1.642	11	Pass
	5240	1.656	11	Pass
802.11n20	5180	0.840	11	Pass
	5200	1.191	11	Pass
	5240	1.415	11	Pass
802.11n40	5190	-2.078	11	Pass
	5230	-2.017	11	Pass
802.11ac20	5180	0.875	11	Pass
	5200	1.040	11	Pass
	5240	1.360	11	Pass
802.11ac40	5190	-2.234	11	Pass
	5230	-1.696	11	Pass
802.11ac80	5210	-4.723	11	Pass



802.11ac20

802.11ac40

802.11ac80

5300

5320

5270

5310

5290

Report No.: AGC02762211104FE06 Page 59 of 182

**Pass** 

**Pass** 

**Pass** 

**Pass** 

**Pass** 

11

11

11

11

11

Test Data of Conducted Output Power Density for band 5.25-5.35 GHz				
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fail
	5260	1.577	11	Pass
802.11a	5300	1.891	11	Pass
	5320	2.125	_ 11	Pass
	5260	1.198	11	Pass
802.11n20	5300	1.350	11	Pass
	5320	1.688	11	Pass
902 44 540	5270	-2.091	11	Pass
802.11n40	5310	-1.758	11	Pass
9 -6	5260	1.249	11 ⊚	Pass

1.552

1.932

-1.837

-1.701

-4.518

Test Data of Conducted Output Power Density for band 5.47-5.725 GHz						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/MHz)	Limits (dBm/MHz)	Pass or Fa		
	5500	1.170	11	Pass		
802.11a	5600	2.414	11	Pass		
	5700	3.160	11	Pass		
802.11n20	5500	0.967	11	Pass		
	5600	1.923	11	Pass		
	5700	2.600	11	Pass		
802.11n40	5510	-2.631	11	Pass		
	5590	-1.603	11	Pass		
802.11ac20	5500	-0.866	11	Pass		
	5600	0.979	11	Pass		
	5700	2.161	® 11	Pass		
802.11ac40	5510	-2.445	11	Pass		
	5590	-1.414	11	Pass		
	5670	-1.131	11	Pass		
802.11ac80	5530	-4.944	11	Pass		
	5610	-3.908	11	Pass		

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated restriction. Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the writter pathorization of AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



Report No.: AGC02762211104FE06

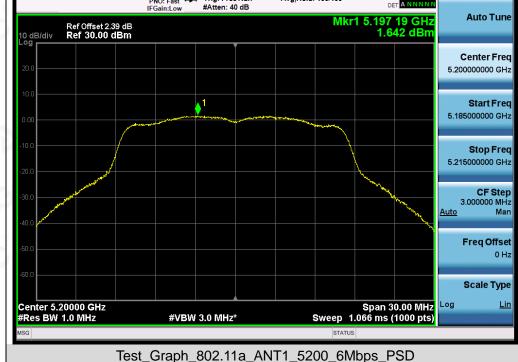
Page 60 of 182

Test Data of Conducted Output Power Density for band 5.725-5.85 GHz						
Test Mode	Test Channel (MHz)	Average Power Density (dBm/100kHz)	Average Power Density (dBm/500kHz)	Limits (dBm/500kHz)	Pass or Fail	
802.11a	5745	-5.682	1.308	30	Pass	
	5785	-6.020	0.970	30	Pass	
	5825	-6.360	0.630	30	Pass	
-,0	5745	-6.063	0.927	30	Pass	
802.11n20	5785	-6.155	0.835	30	Pass	
	5825	-6.719	0.271	30	Pass	
802.11n40	5755	-8.791	-1.801	30	Pass	
	5795	-9.654	-2.664	30	Pass	
802.11ac20	5745	-5.57	1.420	30	Pass	
	5785	-5.849	1.141	30	Pass	
	5825	-7.099	-0.109	30	Pass	
802.11ac40	5755	-8.849	-1.859	30	Pass	
	5795	-9.208	-2.218	30	Pass	
802.11ac80	5775	-11.141	-4.151	30	Pass	

Note:1. Power density(dBm/500kHz) = Power density(dBm/100kHz) +10\*log(500/100).







Compliance Dedicated Festing/Inspection Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Any report having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorization of AGC. The test results start is the resert apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

















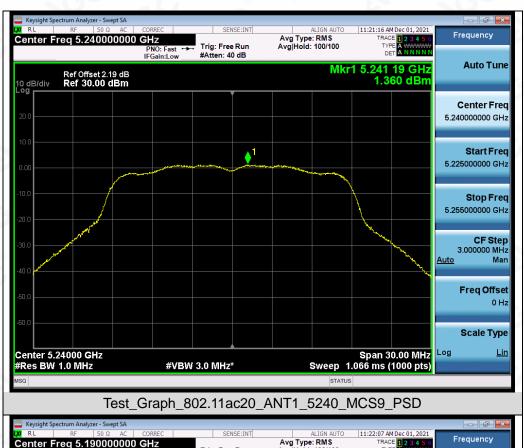




















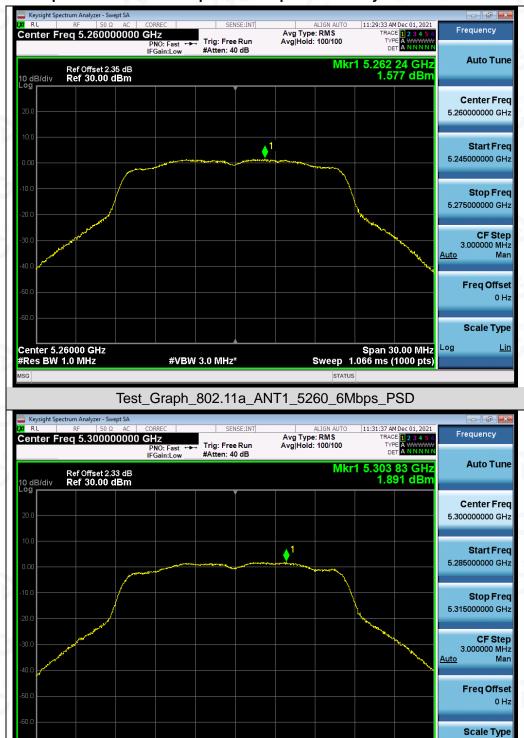
<u>Lin</u>

Span 30.00 MHz

Sweep 1.066 ms (1000 pts)



## Test Graphs of Conducted Output Power Spectral Density for band 5.25-5.35 GHz



Compliance Dedicated Festing/Inspection Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the

#VBW 3.0 MHz\*

Test\_Graph\_802.11a\_ANT1\_5300\_6Mbps\_PSD

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorization of AGC. The test results start is the resert apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report.

Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Center 5.30000 GHz #Res BW 1.0 MHz

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/

















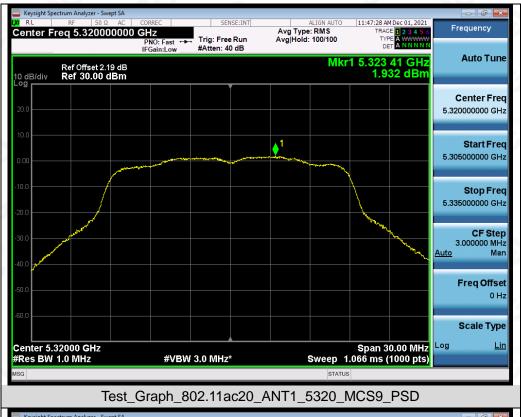






















## Test Graphs of Conducted Output Power Spectral Density for band 5.47-5.725 GHz





Test\_Graph\_802.11a\_ANT1\_5600\_6Mbps\_PSD

Compliance Dedicated Festing/Inspection Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Any report having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorized approver, or having been altered without authorization, or having not been signed by authorization of AGC. The test results start is the resert apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.





























