

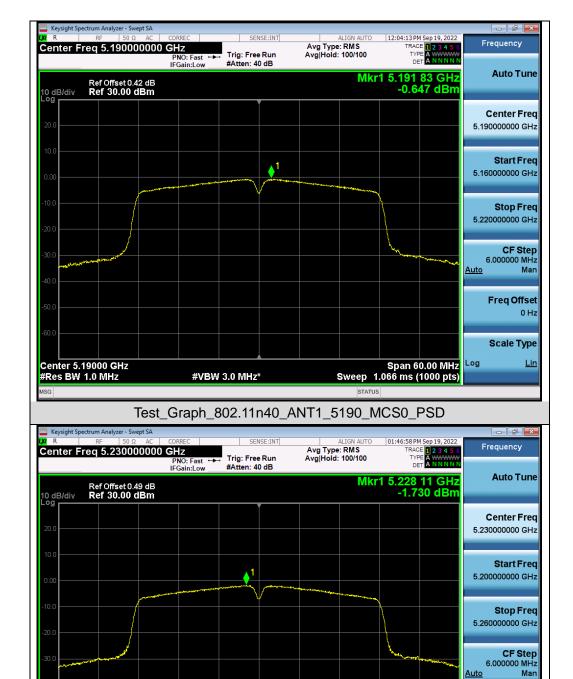
Freq Offset

Scale Type

Log

Span 60.00 MHz Sweep 1.066 ms (1000 pts)



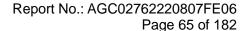


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Test\_Graph\_802.11n40\_ANT1\_5230\_MCS0\_PSD

#VBW 3.0 MHz\*

Center 5.23000 GHz #Res BW 1.0 MHz



5.215000000 GHz

<u>Auto</u>

Log

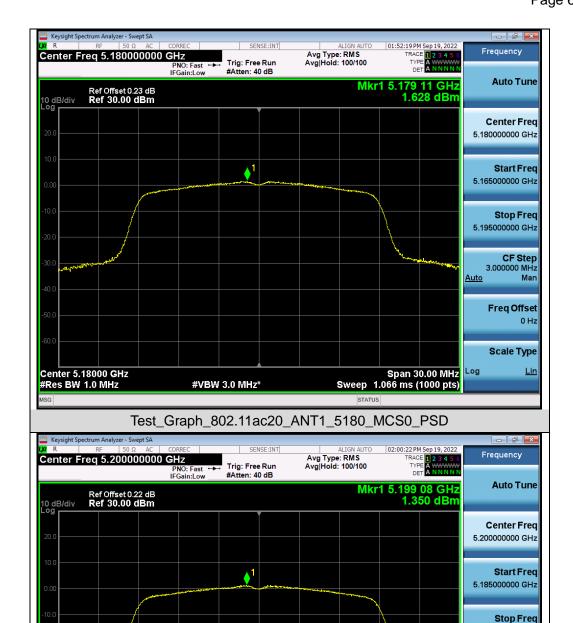
Span 30.00 MHz Sweep 1.066 ms (1000 pts) CF Step 3.000000 MHz

Freq Offset 0 Hz

Scale Type

Mar



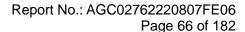


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Test\_Graph\_802.11ac20\_ANT1\_5200\_MCS0\_PSD

#VBW 3.0 MHz\*

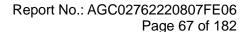
Center 5.20000 GHz #Res BW 1.0 MHz











12.000000 MHz

Freq Offset 0 Hz

Scale Type

Mar

<u>Auto</u>

Log

Span 120.0 MHz Sweep 1.066 ms (1000 pts)



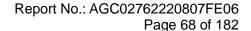


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Test\_Graph\_802.11ac80\_ANT1\_5210\_MCS9\_PSD

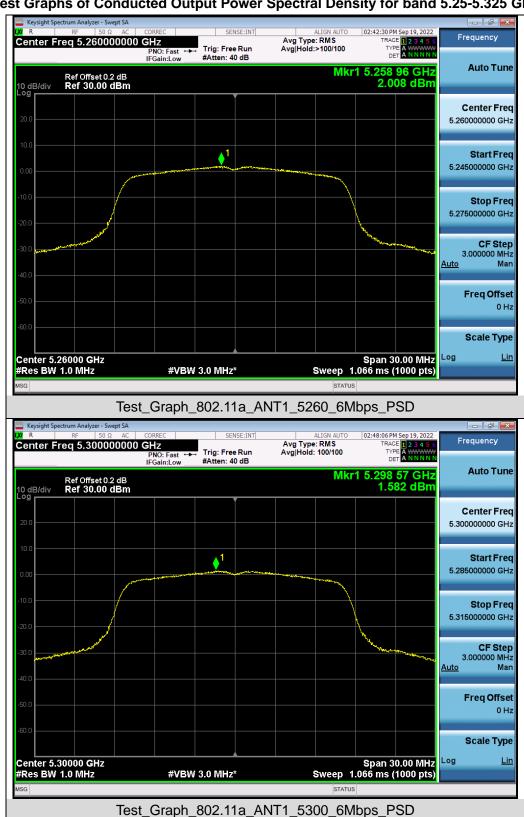
#VBW 3.0 MHz\*

Center 5.21000 GHz #Res BW 1.0 MHz



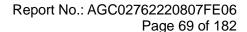


## Test Graphs of Conducted Output Power Spectral Density for band 5.25-5.325 GHz



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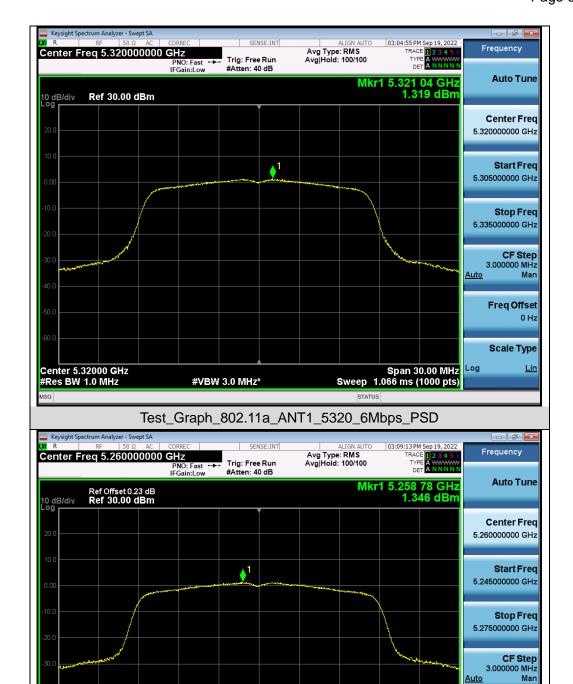
Freq Offset 0 Hz

Scale Type

Log

Span 30.00 MHz Sweep 1.066 ms (1000 pts)



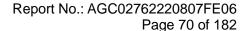


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Test\_Graph\_802.11n20\_ANT1\_5260\_MCS0\_PSD

#VBW 3.0 MHz\*

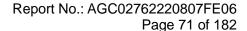
Center 5.26000 GHz #Res BW 1.0 MHz







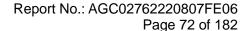








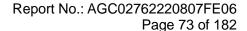












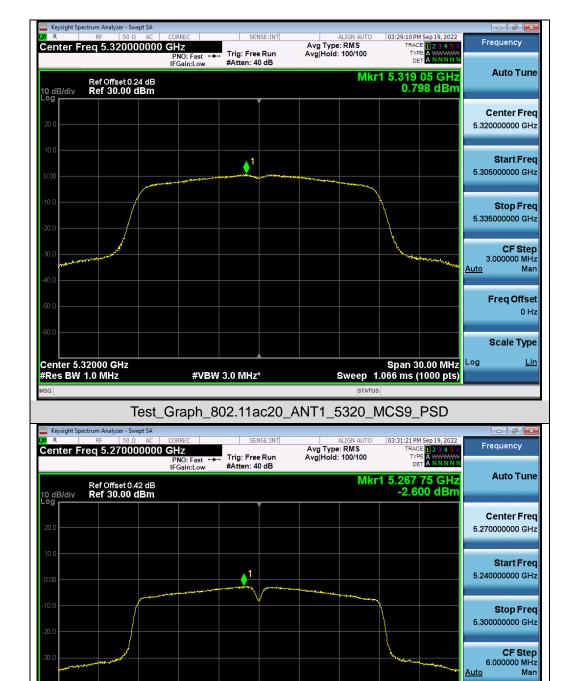
Freq Offset 0 Hz

Scale Type

Log

Span 60.00 MHz Sweep 1.066 ms (1000 pts)



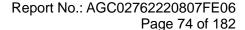


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Test\_Graph\_802.11ac40\_ANT1\_5270\_MCS9\_PSD

#VBW 3.0 MHz\*

Center 5.27000 GHz #Res BW 1.0 MHz



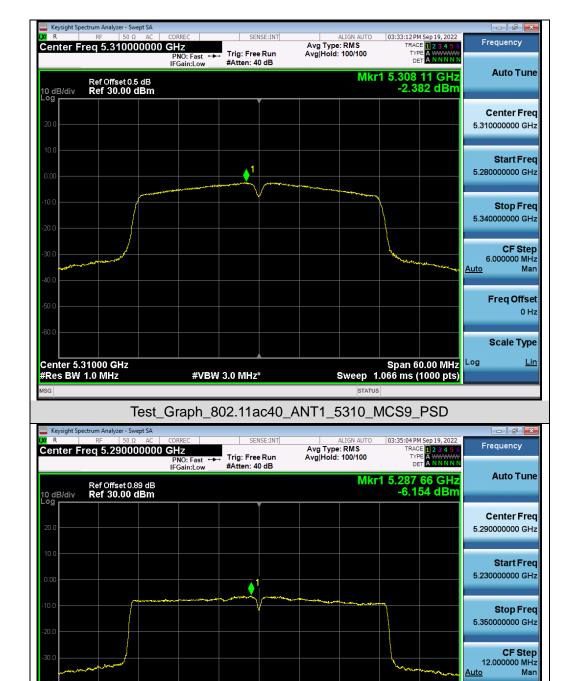
Freq Offset 0 Hz

Scale Type

Log

Span 120.0 MHz Sweep 1.066 ms (1000 pts)



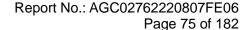


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The 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 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Test\_Graph\_802.11ac80\_ANT1\_5290\_MCS9\_PSD

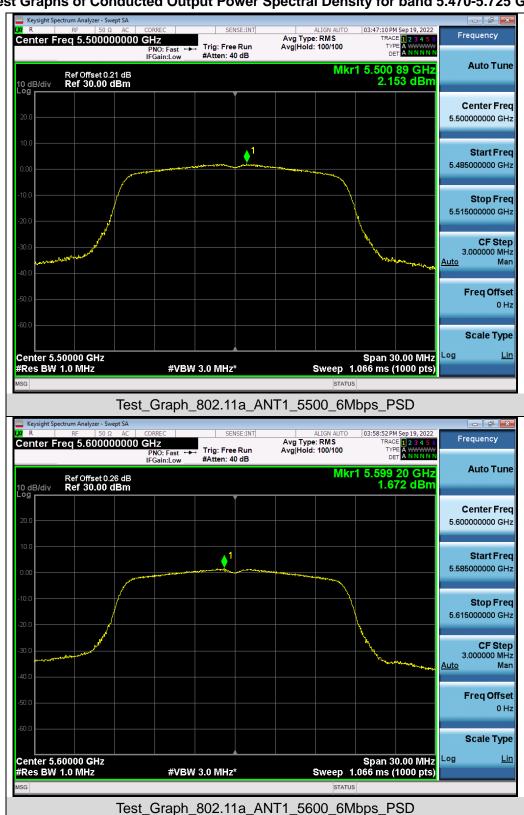
#VBW 3.0 MHz\*

Center 5.29000 GHz #Res BW 1.0 MHz

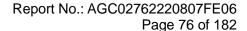




## Test Graphs of Conducted Output Power Spectral Density for band 5.470-5.725 GHz



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CF Step 3.000000 MHz

Freq Offset 0 Hz

Scale Type

Mar

<u>Auto</u>

Log

Span 30.00 MHz Sweep 1.066 ms (1000 pts)



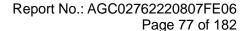


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The 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 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

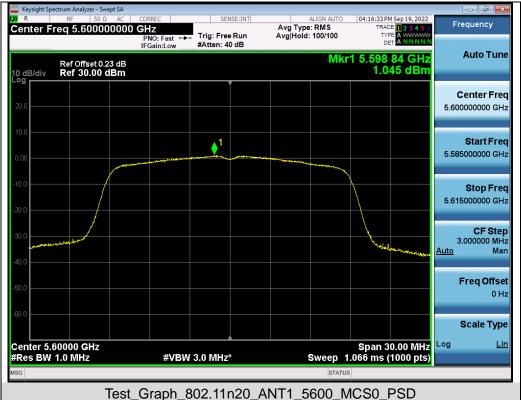
Test\_Graph\_802.11n20\_ANT1\_5500\_MCS0\_PSD

#VBW 3.0 MHz\*

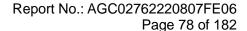
Center 5.50000 GHz #Res BW 1.0 MHz











6.000000 MHz

Freq Offset

Scale Type

Mar

<u>Auto</u>

Log

Span 60.00 MHz Sweep 1.066 ms (1000 pts)



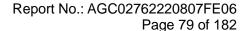


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Test\_Graph\_802.11n40\_ANT1\_5590\_MCS0\_PSD

#VBW 3.0 MHz\*

Center 5.59000 GHz #Res BW 1.0 MHz



Freq Offset 0 Hz

Scale Type

Log

Span 30.00 MHz Sweep 1.066 ms (1000 pts)



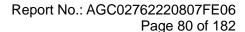


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Test\_Graph\_802.11ac20\_ANT1\_5500\_MCS0\_PSD

#VBW 3.0 MHz\*

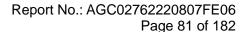
Center 5.50000 GHz #Res BW 1.0 MHz











Freq Offset

Scale Type

Log

Span 60.00 MHz Sweep 1.066 ms (1000 pts)



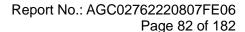


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Test\_Graph\_802.11ac40\_ANT1\_5590\_MCS9\_PSD

#VBW 3.0 MHz\*

Center 5.59000 GHz #Res BW 1.0 MHz



0 Hz

Scale Type

Log

Span 120.0 MHz Sweep 1.066 ms (1000 pts)



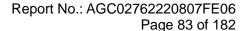


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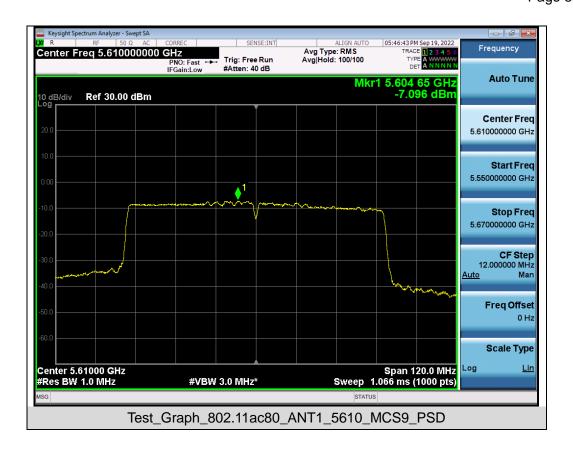
Test\_Graph\_802.11ac80\_ANT1\_5530\_MCS9\_PSD

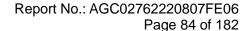
#VBW 3.0 MHz\*

Center 5.53000 GHz #Res BW 1.0 MHz



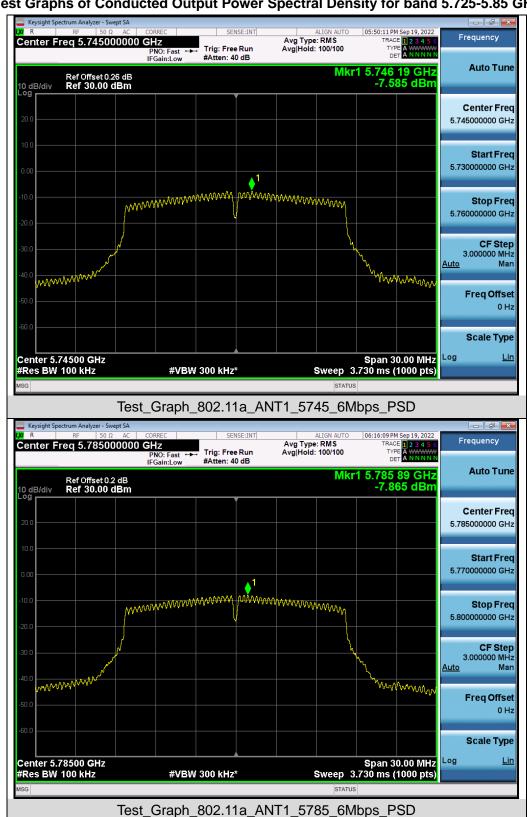






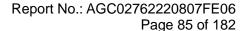


## Test Graphs of Conducted Output Power Spectral Density for band 5.725-5.85 GHz



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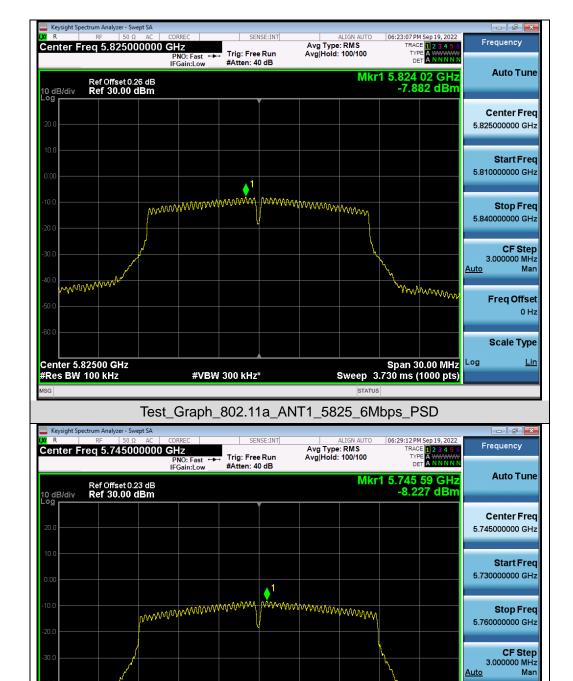
Freq Offset 0 Hz

Scale Type

Log

Span 30.00 MHz Sweep 3.730 ms (1000 pts)



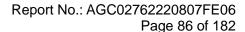


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The 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 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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

#VBW 300 kHz\*

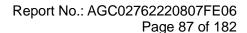
Center 5.74500 GHz #Res BW 100 kHz







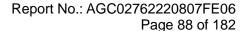












<u>Auto</u>

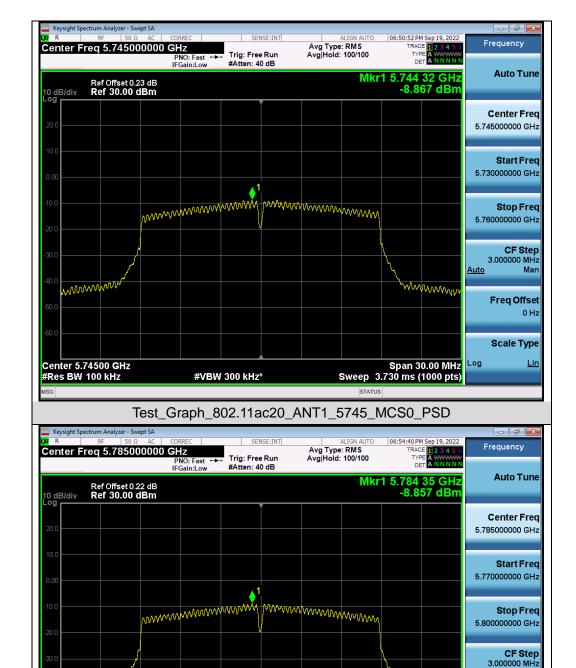
Log

Span 30.00 MHz Sweep 3.730 ms (1000 pts) Mar

Freq Offset 0 Hz

Scale Type



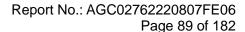


Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The 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 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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

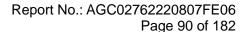
#VBW 300 kHz\*

Center 5.78500 GHz #Res BW 100 kHz









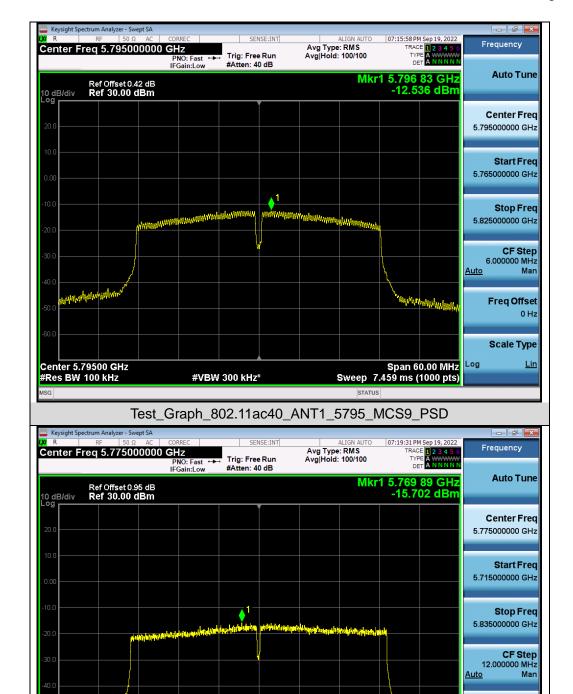
Freq Offset 0 Hz

Scale Type

Log

Span 120.0 MHz Sweep 14.85 ms (1000 pts)





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

#VBW 300 kHz\*

Center 5.77500 GHz #Res BW 100 kHz



Report No.: AGC02762220807FE06

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#### 10. CONDUCTED SPURIOUS EMISSION

#### 10.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2, Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Trace 1 Max hold, then View.

Note: The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

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

The same as described in section 8.2.

#### 10.3. MEASUREMENT EQUIPMENT USED

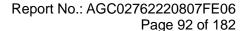
The same as described in section 6.

#### 10.4. LIMITS AND MEASUREMENT RESULT

LIMITS AND MEASUREMENT RESULT		
Applicable Limits	Measurement Result	
	Test channel	Criteri
-27dBm/MHz	5150MHz-5250MH z	PASS
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.	5725MHz-5850MH z	PASS

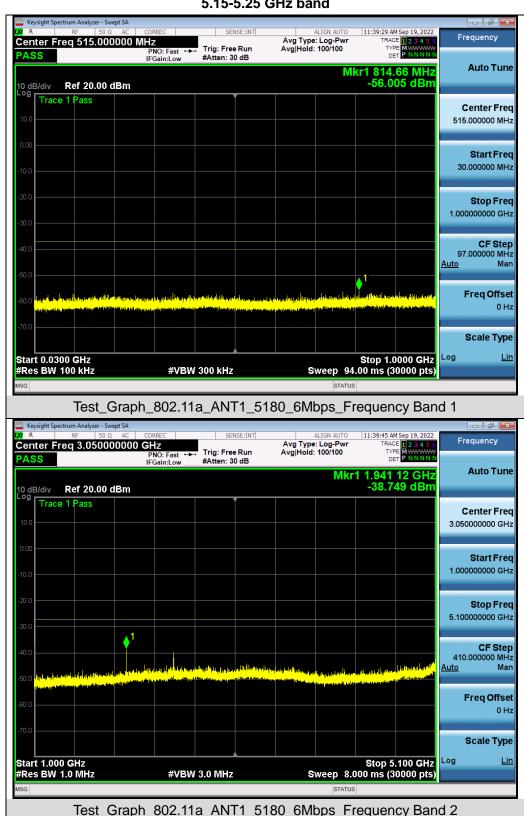
Note: All the 20MHz bandwidth modulation had been tested, the 802.11a20 was the worst case and record in his test report. All the 40MHz bandwidth modulation had been tested, the 802.11N40 was the worst case and record in his test report. All the 80MHz bandwidth modulation had been tested, the 802.11AC80 was the worst case and record in his test report.

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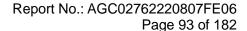




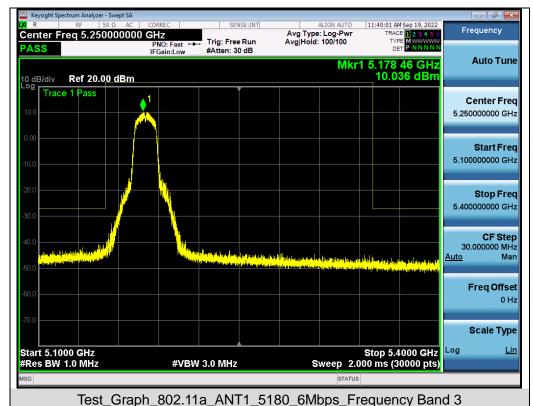
# Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.15-5.25 GHz band



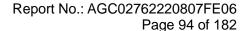
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The 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 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





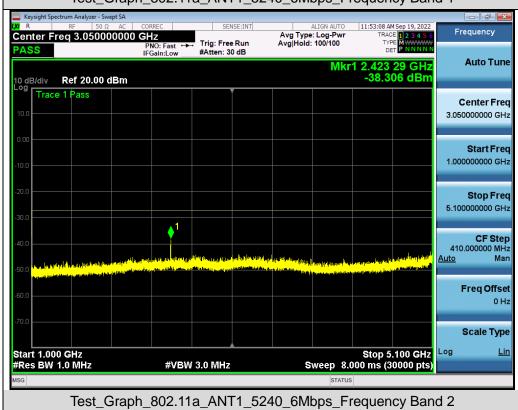


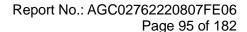




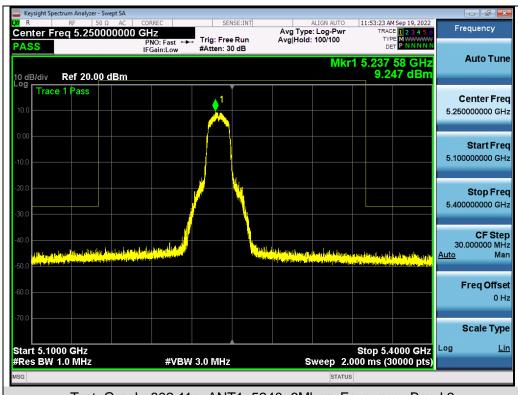


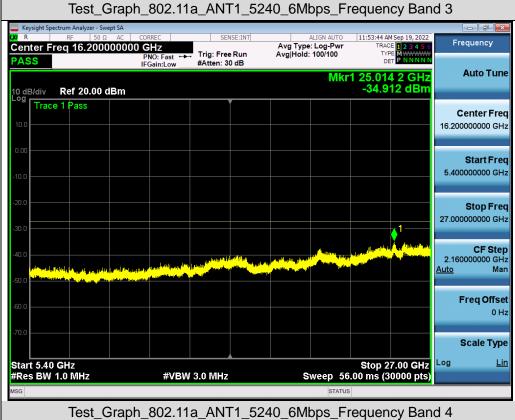


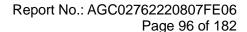






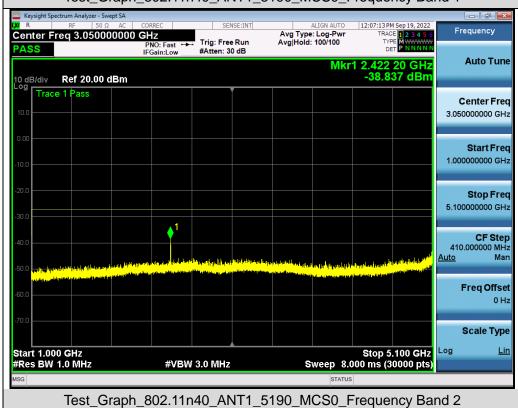


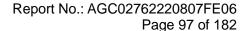




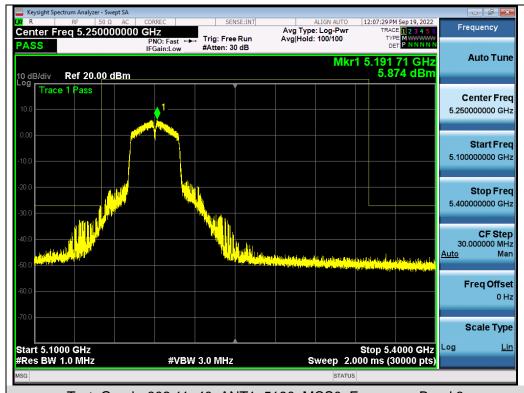


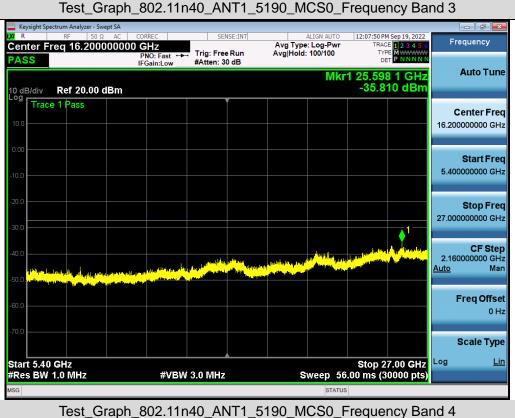


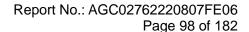






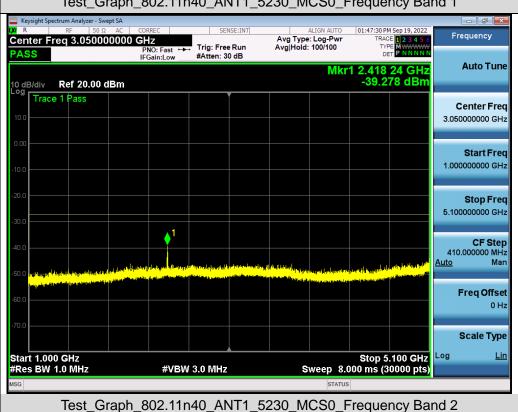


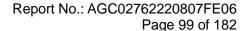




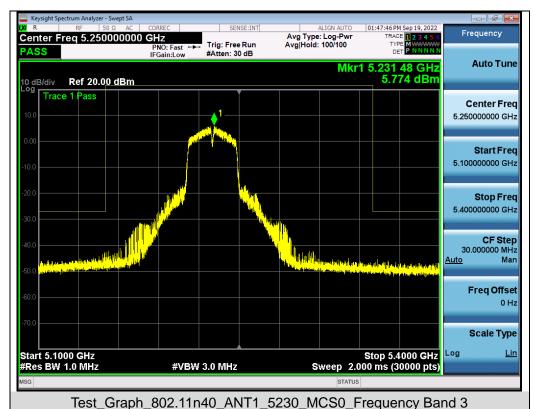








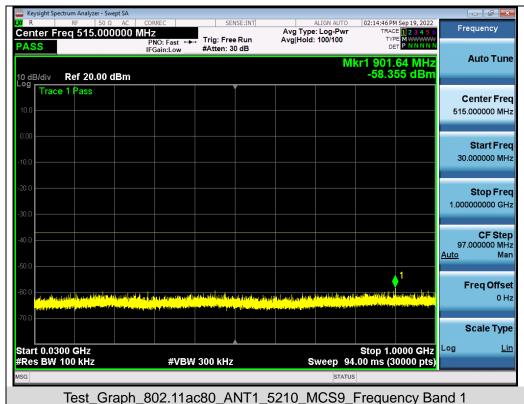












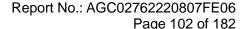






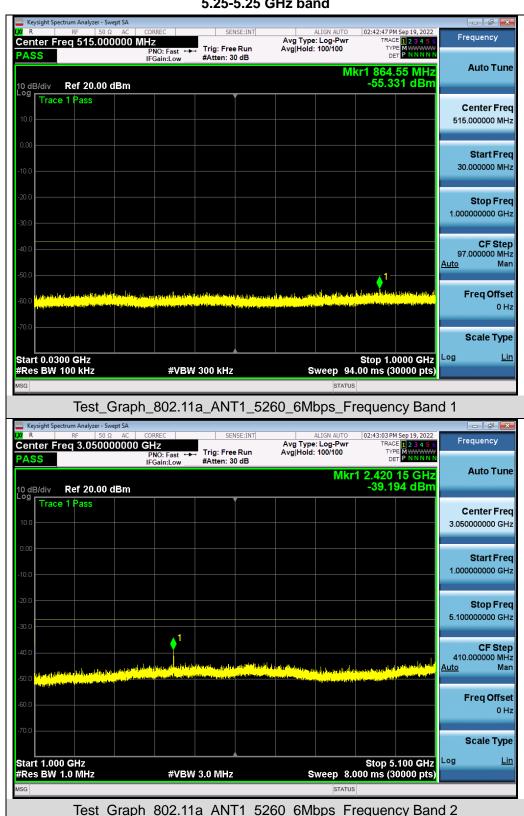








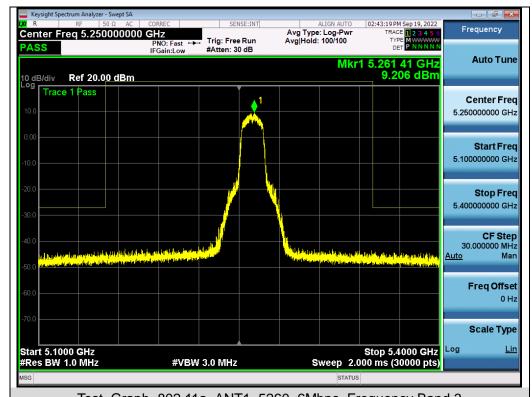
## Test Graphs of Spurious Emissions outside of the 5.25-5.35 GHz band for transmitters operating in the 5.25-5.25 GHz band

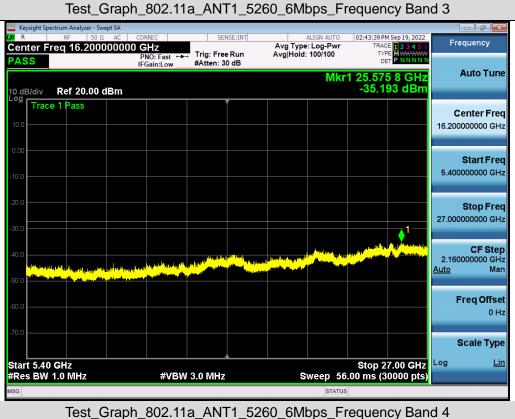


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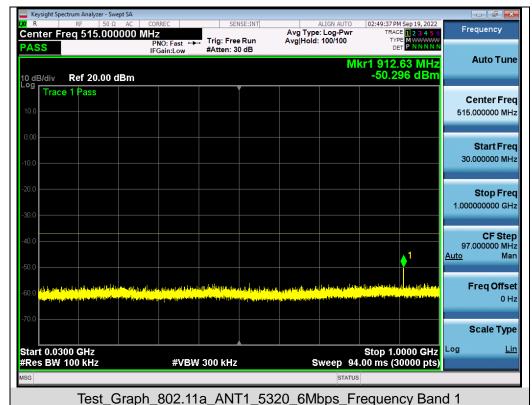


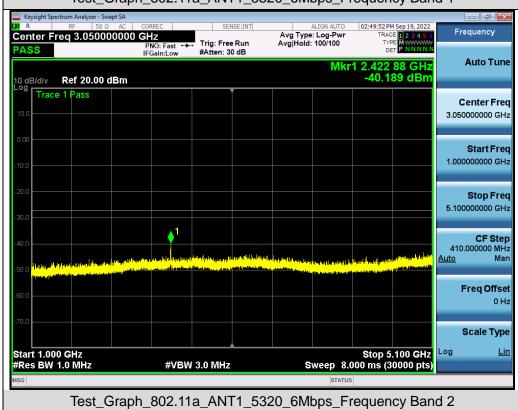






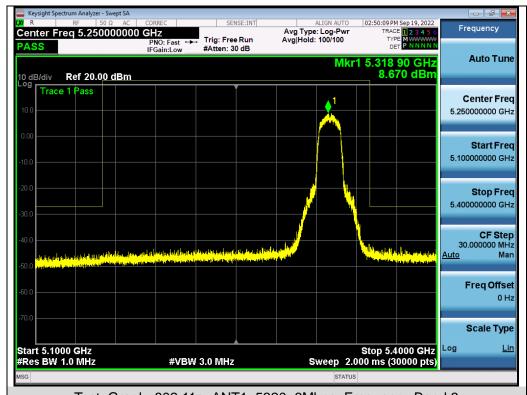


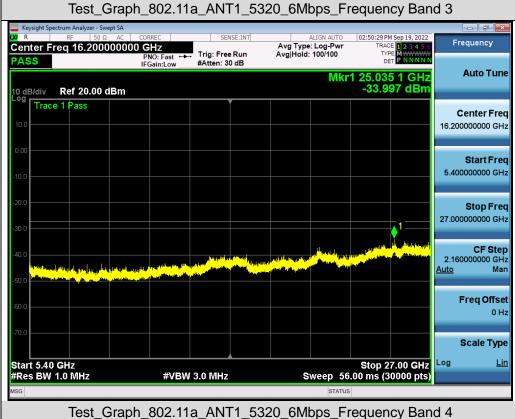






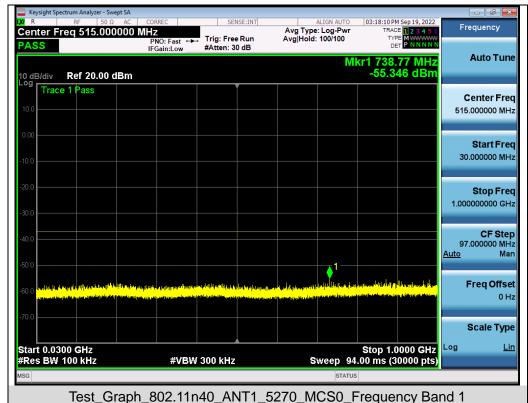


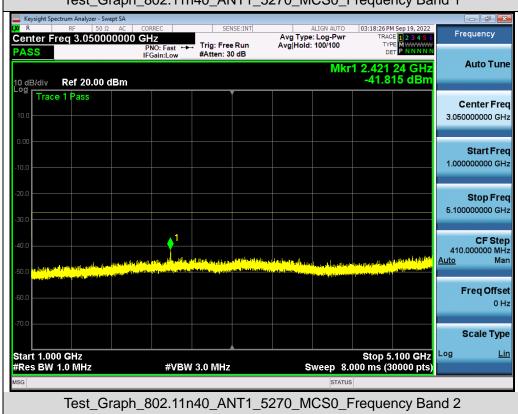






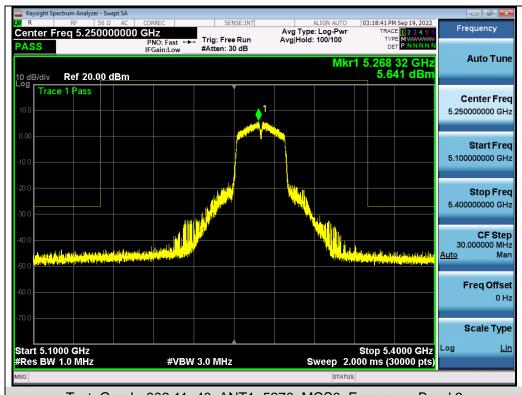


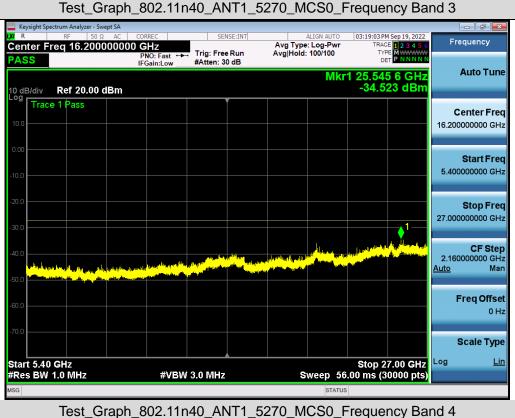








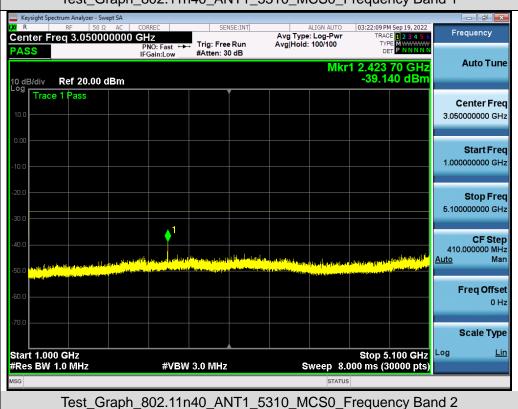






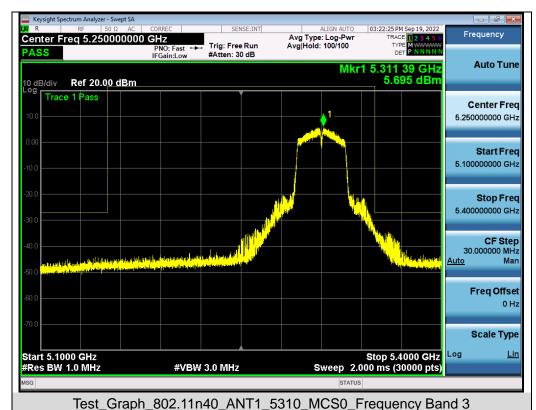




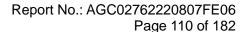






















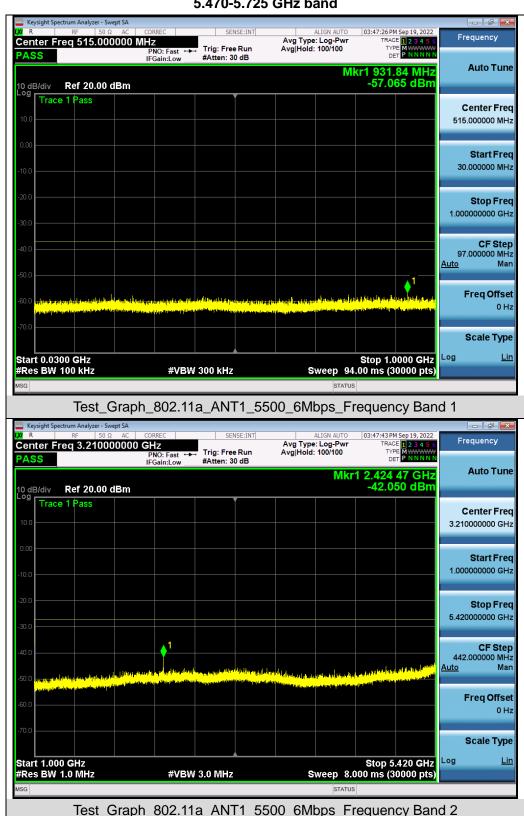








## Test Graphs of Spurious Emissions outside of the 5.15-5.35 GHz band for transmitters operating in the 5.470-5.725 GHz band

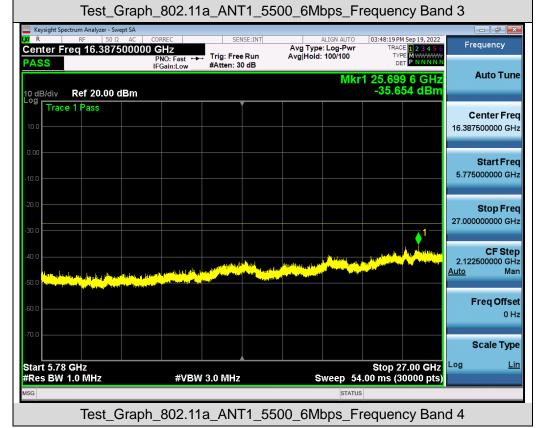


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:47:59 PM Sep 19, 2022 TRACE 1 2 3 4 5 TYPE MWWWW DET P NNNN Frequency Center Freq 5.597500000 GHz Avg Type: Log-Pwr Avg|Hold: 100/100 Trig: Free Run PNO: Fast ↔ IFGain:Low #Atten: 30 dB Auto Tune Mkr1 5.498 789 GHz 9.389 dBm 10 dB/div Ref 20.00 dBm Center Freq 5.597500000 GHz Start Freq 5.420000000 GHz Stop Freq 5.775000000 GHz **CF Step** 35.500000 MHz Freq Offset 0 Hz Scale Type Start 5.4200 GHz #Res BW 1.0 MHz Stop 5.7750 GHz Sweep 2.000 ms (30000 pts) **#VBW 3.0 MHz** 



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