

Maximum power spectral density

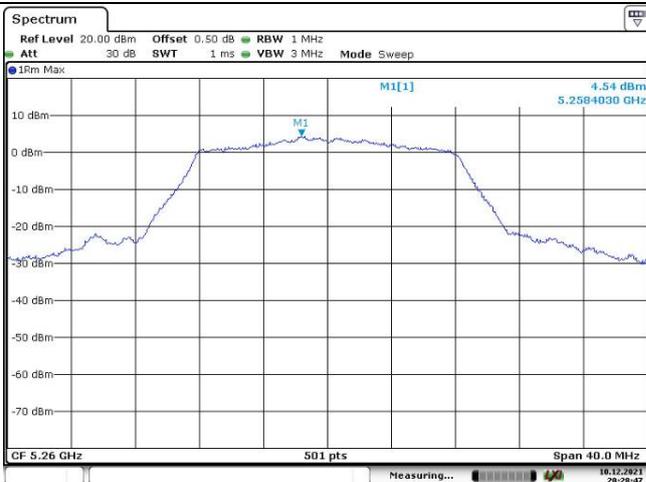
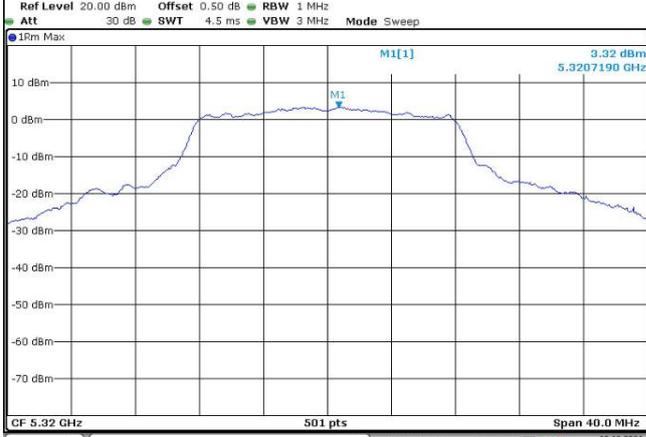
<p>802.11n ht20 Lowest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max MI[1] 2.66 dBm 5.1798400 GHz CF 5.18 GHz 501 pts Span 40.0 MHz Measuring... 16.12.2021 20:10:33 Date: 10.DEC.2021 20:10:33</p>
<p>802.11n ht20 Middle Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max MI[1] 2.70 dBm 5.2000800 GHz CF 5.2 GHz 501 pts Span 40.0 MHz Measuring... 16.12.2021 20:12:01 Date: 10.DEC.2021 20:12:01</p>
<p>802.11n ht20 Highest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max MI[1] 4.45 dBm 5.2401600 GHz CF 5.24 GHz 501 pts Span 40.0 MHz Measuring... 16.12.2021 20:14:35 Date: 10.DEC.2021 20:14:35</p>

Maximum power spectral density

<p>802.11n ht40 Lowest Channel</p>	
<p>802.11n ht40 Highest Channel</p>	
<p>802.11ac vht80 Middle Channel</p>	

5250-5350 MHz:

Maximum power spectral density

<p>802.11a Lowest Channel</p>	 <p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] 4.54 dBm 5.2584030 GHz CF 5.26 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 20:28:47</p>
<p>802.11a Middle Channel</p>	 <p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] 4.00 dBm 5.2784830 GHz CF 5.28 GHz 501 pts Span 40.0 MHz Date: 10.DEC.2021 20:30:02</p>
<p>802.11a Highest Channel</p>	 <p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 4.5 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] 9.32 dBm 5.3207190 GHz CF 5.32 GHz 501 pts Span 40.0 MHz Date: 13.DEC.2021 11:11:26</p>

Maximum power spectral density

<p>802.11n ht20 Lowest Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 3.97 dBm 5.2602400 GHz</p> <p>CF 5.26 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 20:41:09</p>
<p>802.11n ht20 Middle Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 3.78 dBm 5.2798400 GHz</p> <p>CF 5.28 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 20:42:43</p>
<p>802.11n ht20 Highest Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 1.28 dBm 5.3199200 GHz</p> <p>CF 5.32 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 20:45:17</p>

Maximum power spectral density

<p>802.11n ht40 Lowest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] 0.86 dBm 5.266970 GHz CF 5.27 GHz 501 pts Span 80.0 MHz Date: 10.DEC.2021 20:57:33</p>
<p>802.11n ht40 Highest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 4.5 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] -0.01 dBm 5.312080 GHz CF 5.31 GHz 501 pts Span 80.0 MHz Date: 13.DEC.2021 11:16:51</p>
<p>802.11ac vht80 Middle Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Rm Max M1[1] -5.29 dBm 5.290000 GHz CF 5.29 GHz 501 pts Span 160.0 MHz Date: 10.DEC.2021 21:02:12</p>

5470-5725 MHz:

Maximum power spectral density

<p>802.11a Lowest Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 0.19 dBm 5.4984030 GHz</p> <p>CF 5.5 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 21:04:56</p>
<p>802.11a Middle Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 3.46 dBm 5.5783230 GHz</p> <p>CF 5.58 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 21:08:20</p>
<p>802.11a Highest Channel</p>	<p>Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep</p> <p>1Rm Max M1[1] 1.56 dBm 5.6982440 GHz</p> <p>CF 5.7 GHz 501 pts Span 40.0 MHz</p> <p>Date: 10.DEC.2021 21:06:04</p>

Maximum power spectral density

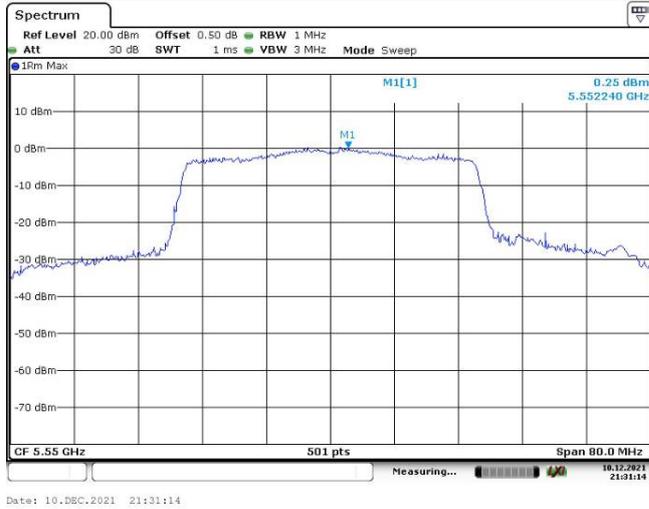
<p>802.11a Additional Channel</p>	<p>Maximum power spectral density for 802.11a Additional Channel: 2.56 dBm at 5.7184950 GHz.</p>
<p>802.11n ht20 Lowest Channel</p>	<p>Maximum power spectral density for 802.11n ht20 Lowest Channel: 0.91 dBm at 5.4999200 GHz.</p>
<p>802.11n ht20 Middle Channel</p>	<p>Maximum power spectral density for 802.11n ht20 Middle Channel: 2.59 dBm at 5.5802400 GHz.</p>

Maximum power spectral density

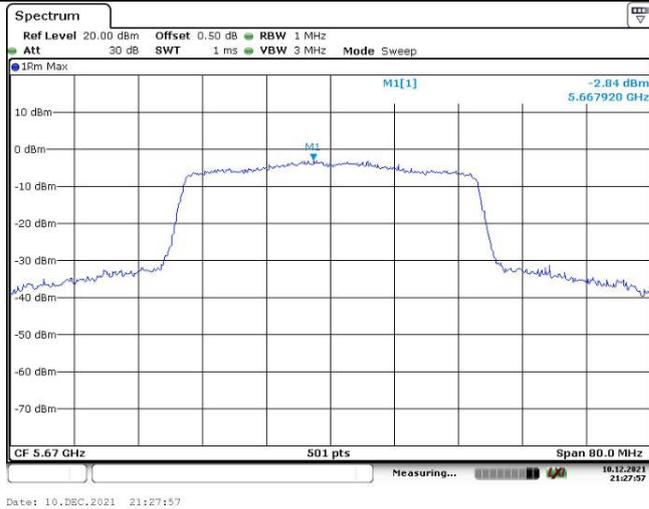
<p>802.11n ht20 Highest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Fm Max M1[1] 1.59 dBm 5.700000 GHz CF 5.7 GHz 501 pts Span 40.0 MHz Measuring... 16.12.2021 21:12:35 Date: 10.DEC.2021 21:12:35</p>
<p>802.11n ht20 Additional Channel</p>	<p>Spectrum Spectrum 2 Ref Level 30.50 dBm Offset 0.50 dB RBW 1 MHz Att 40 dB SWT 1 ms VBW 3 MHz Mode Sweep 1Fm Max M1[1] 2.68 dBm 5.7183790 GHz CF 5.72 GHz 691 pts Span 40.0 MHz Measuring... 13.12.2021 17:22:06 Date: 13.DEC.2021 17:22:07</p>
<p>802.11n ht40 Lowest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 1 MHz Att 30 dB SWT 4.5 ms VBW 3 MHz Mode Sweep 1Fm Max M1[1] -1.50 dBm 5.508240 GHz CF 5.51 GHz 501 pts Span 80.0 MHz Measuring... 13.12.2021 11:32:37 Date: 13.DEC.2021 11:32:37</p>

Maximum power spectral density

802.11n ht40
Middle Channel



802.11n ht40
Highest Channel

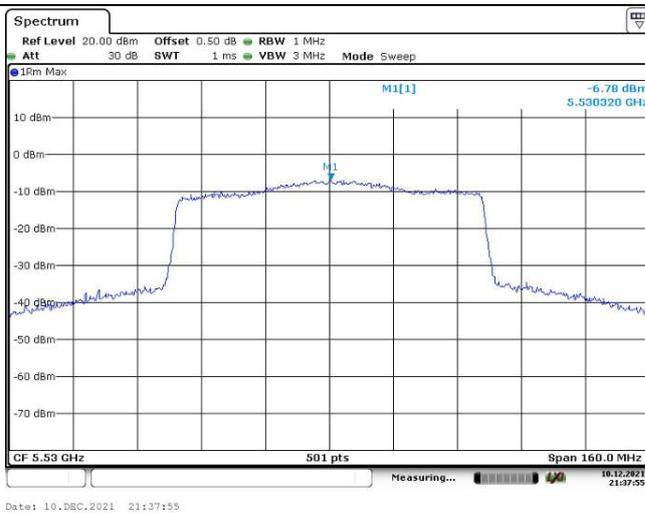


802.11n ht40
Additional Channel



Maximum power spectral density

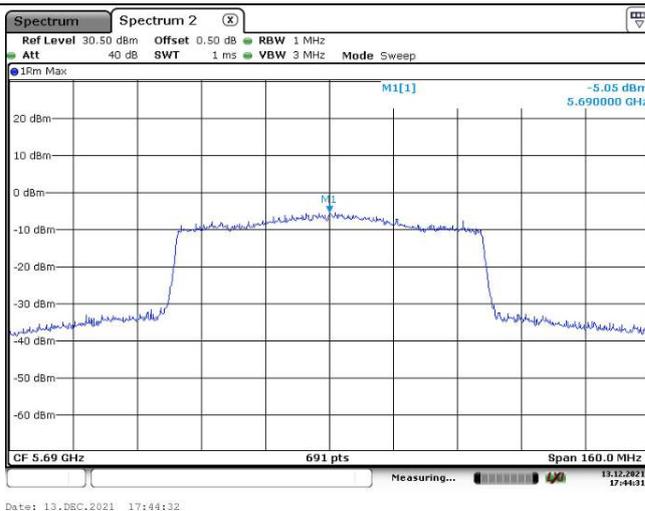
802.11ac vht80
Lowest Channel



802.11ac vht80
Middle Channel



802.11ac vht80
Additional Channel



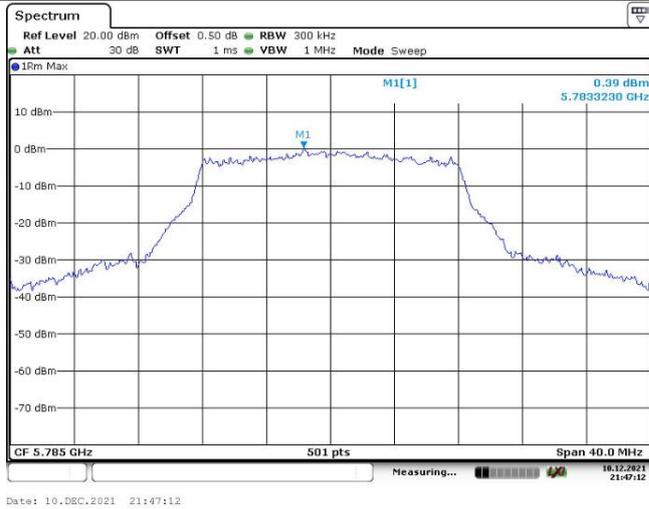
5725-5850MHz

Maximum power spectral density

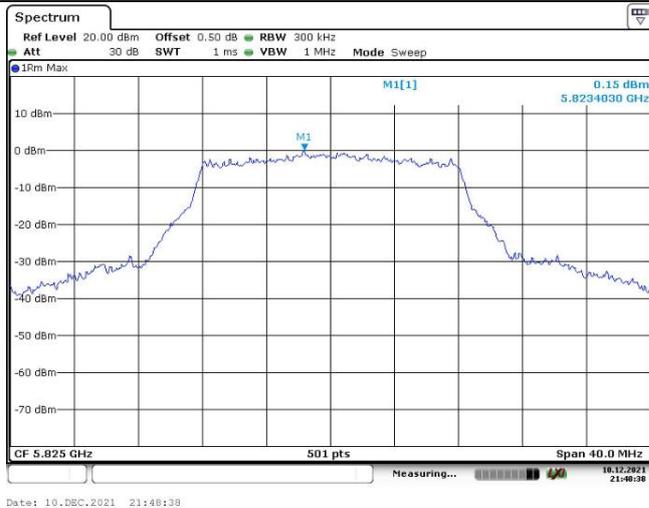
802.11a
Lowest Channel



802.11a
Middle Channel

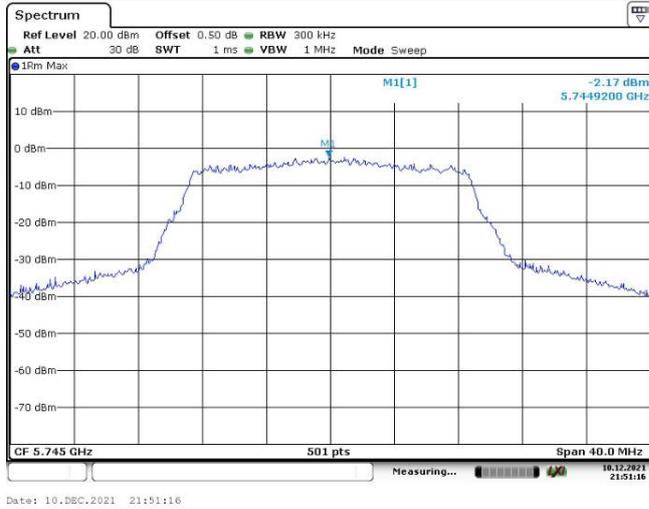


802.11a
Highest Channel

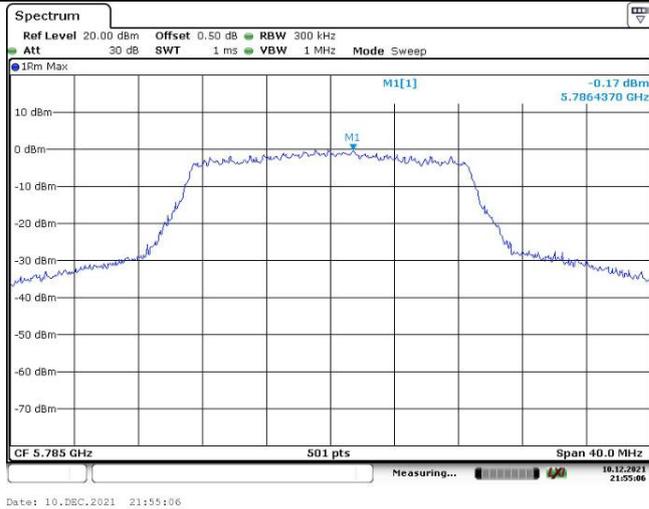


Maximum power spectral density

802.11n ht20
Lowest Channel



802.11n ht20
Middle Channel



802.11n ht20
Highest Channel



Maximum power spectral density

<p>802.11n ht40 Lowest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Rm Max M1[1] -6.47 dBm 5.752760 GHz M1 CF 5.755 GHz 501 pts Span 80.0 MHz Measuring... 16.12.2021 21:59:09 Date: 10.DEC.2021 21:59:09</p>
<p>802.11n ht40 Highest Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 300 kHz Att 30 dB SWT 1 ms VBW 1 MHz Mode Sweep 1Rm Max M1[1] -7.13 dBm 5.792130 GHz M1 CF 5.795 GHz 501 pts Span 80.0 MHz Measuring... 16.12.2021 22:00:53 Date: 10.DEC.2021 22:00:53</p>
<p>802.11ac vht80 Middle Channel</p>	<p>Spectrum Ref Level 20.00 dBm Offset 0.50 dB RBW 300 kHz Att 30 dB SWT 1.1 ms VBW 1 MHz Mode Sweep 1Rm Max M1[1] -9.56 dBm 5.775000 GHz M1 CF 5.775 GHz 501 pts Span 160.0 MHz Measuring... 16.12.2021 22:02:59 Date: 10.DEC.2021 22:02:59</p>

4.6 Duty Cycle:

Serial Number:	CR21110026-RF-S1	Test Date:	2021-12-10
Test Site:	RF	Test Mode:	Transmitting
Tester:	LE Qiao	Test Result:	N/A

Environmental Conditions:

Temperature: (°C)	22.8	Relative Humidity: (%)	49	ATM Pressure: (kPa)	101.6
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101474	2021/7/22	2022/7/21
zhuoxiang	Coaxial Cable	SMA-178	211001	Each time	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Test Modes	Ton (ms)	Ton+off (ms)	Duty cycle (%)
802.11a	1.476	1.482	99.60
802.11n ht20	1.372	1.382	99.28
802.11n ht40	0.689	0.705	97.73
802.11ac vht80	0.346	0.377	91.78

