

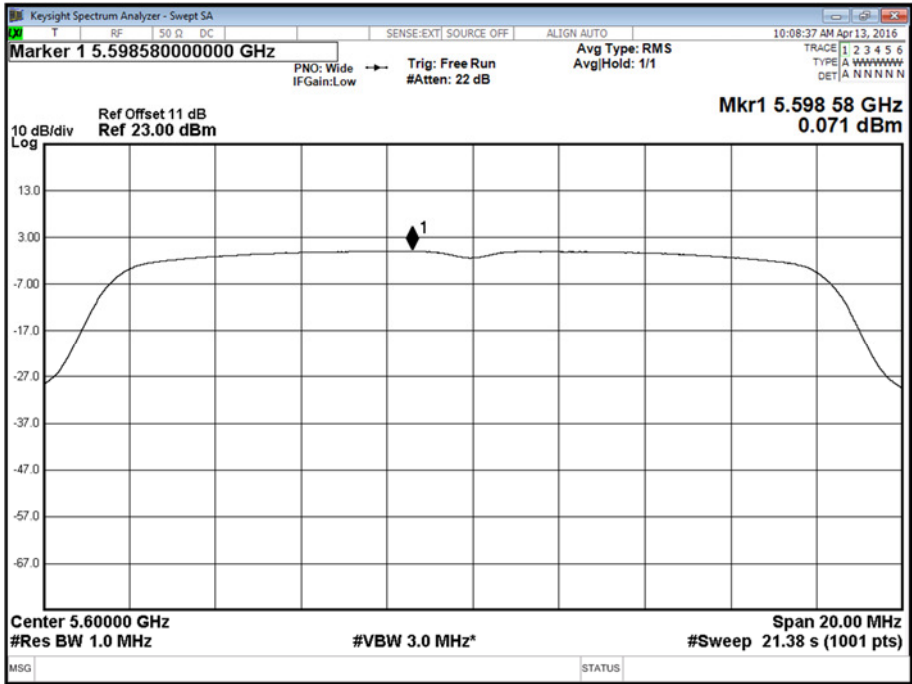


Product Service

802.11a, 5600 MHz, OFDM, 6 Mbps, Frequency Band 3, Peak Power Spectral Density Results

5600 MHz		
dBm		
Port A	Port B	Total Power
0.268	-0.449	N/A

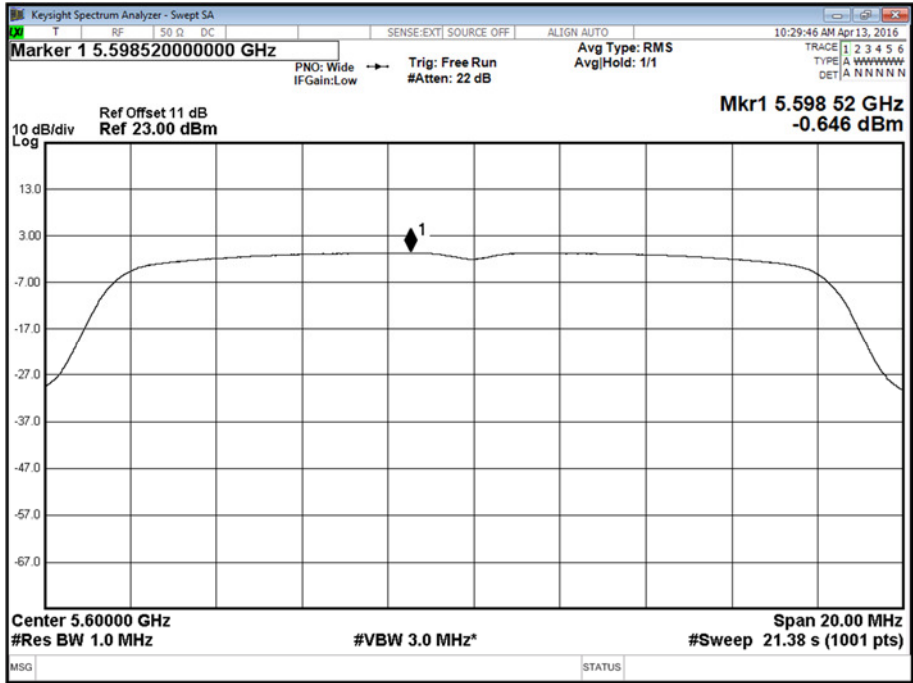
802.11a, 5600 MHz, OFDM, 6 Mbps, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11a, 5600 MHz, OFDM, 6 Mbps, Frequency Band 3, Port B, Peak Power Spectral Density Plot



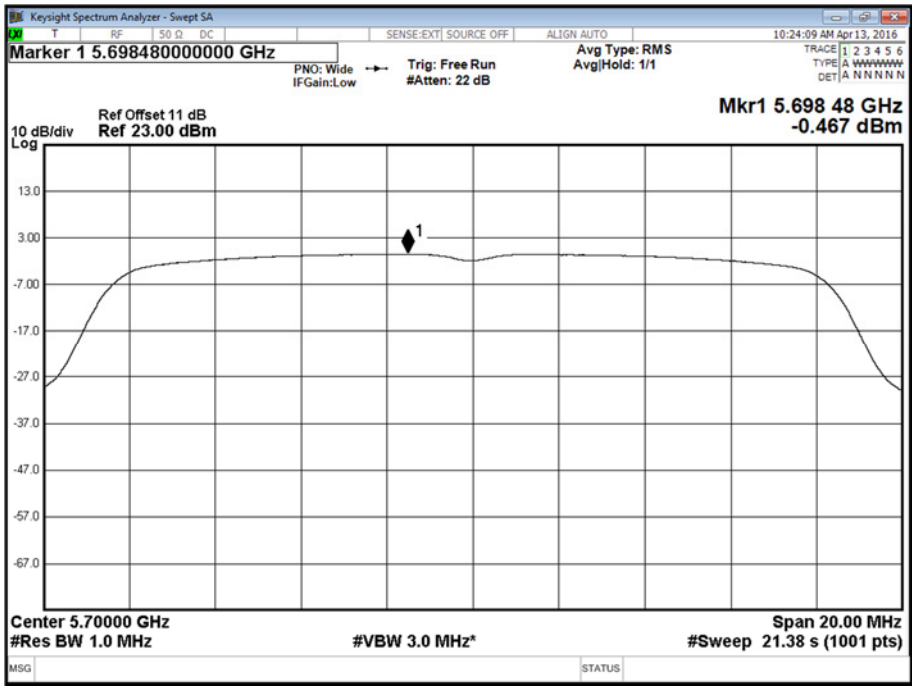


Product Service

802.11a, 5700 MHz, OFDM, 6 Mbps, Frequency Band 3, Peak Power Spectral Density Results

5700 MHz		
dBm		
Port A	Port B	Total Power
-0.270	-0.737	N/A

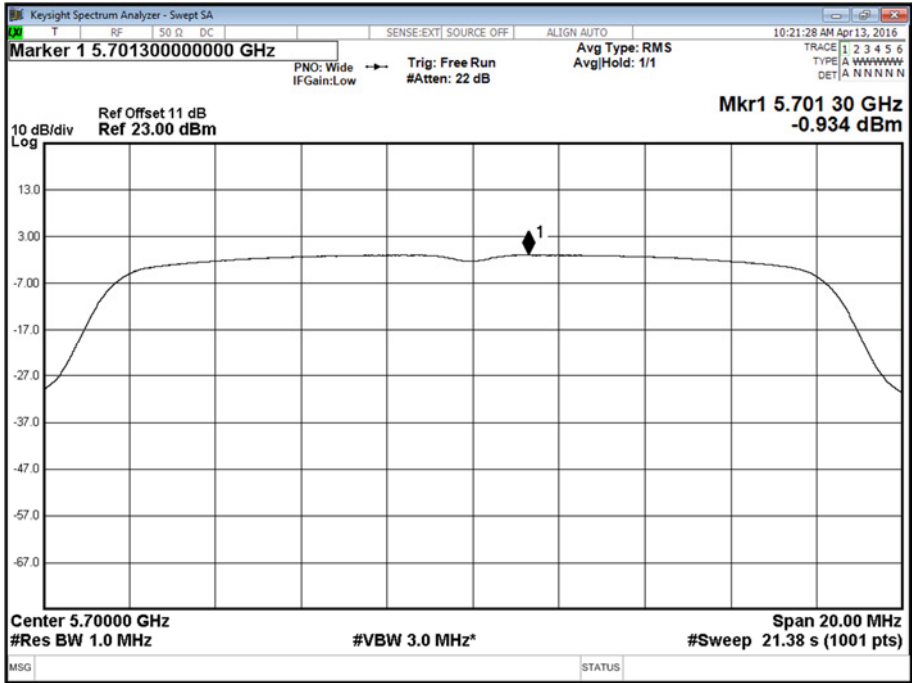
802.11a, 5700 MHz, OFDM, 6 Mbps, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11a, 5700 MHz, OFDM, 6 Mbps, Frequency Band 3, Peak Power Spectral Density Plot



Remarks

The duty cycle correction was not included in the reference level offset, thus creating a difference in the analyser reading shown on the plots.

FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz

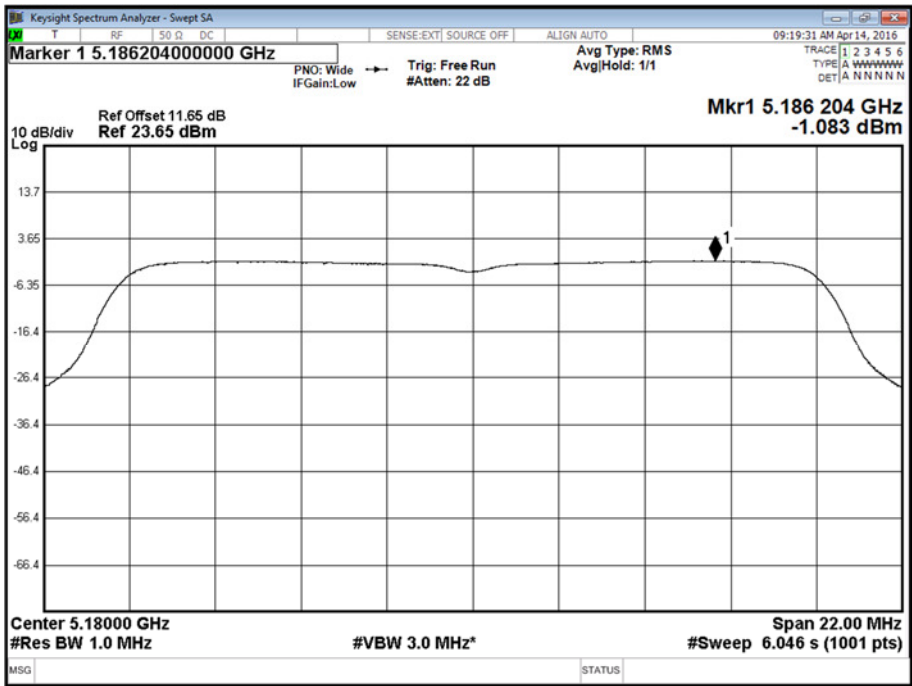


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5180 MHz, 16-QAM, MCS3, Frequency Band 1, Peak Power Spectral Density Results

5180 MHz		
dBm		
Port A	Port B	Total Power
-1.083	-1.216	1.917

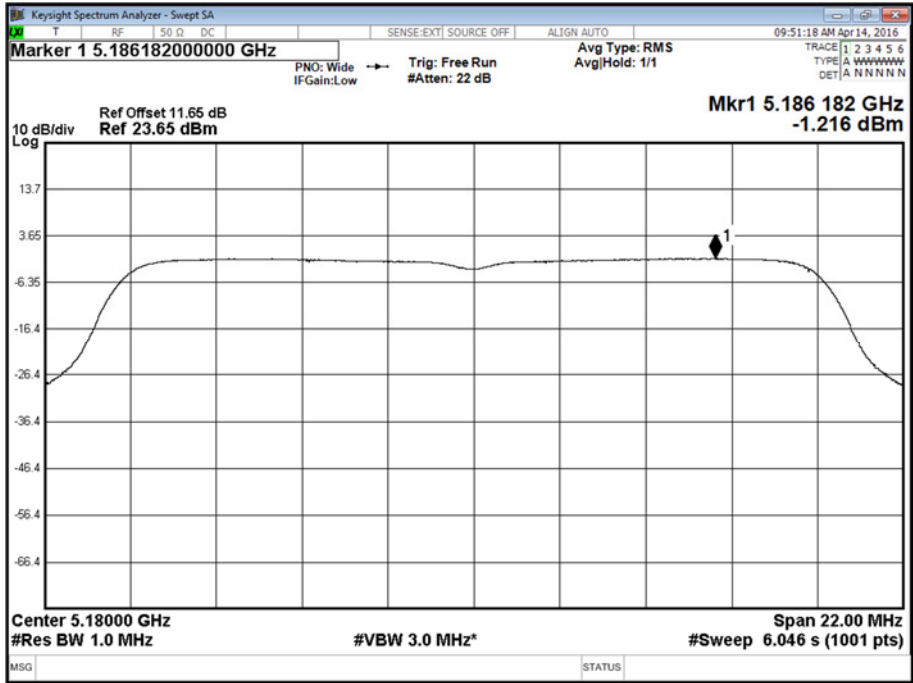
802.11ac - 5 GHz 20 MHz Bandwidth, 5180 MHz, 16-QAM, MCS3, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5180 MHz, 16-QAM, MCS3, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



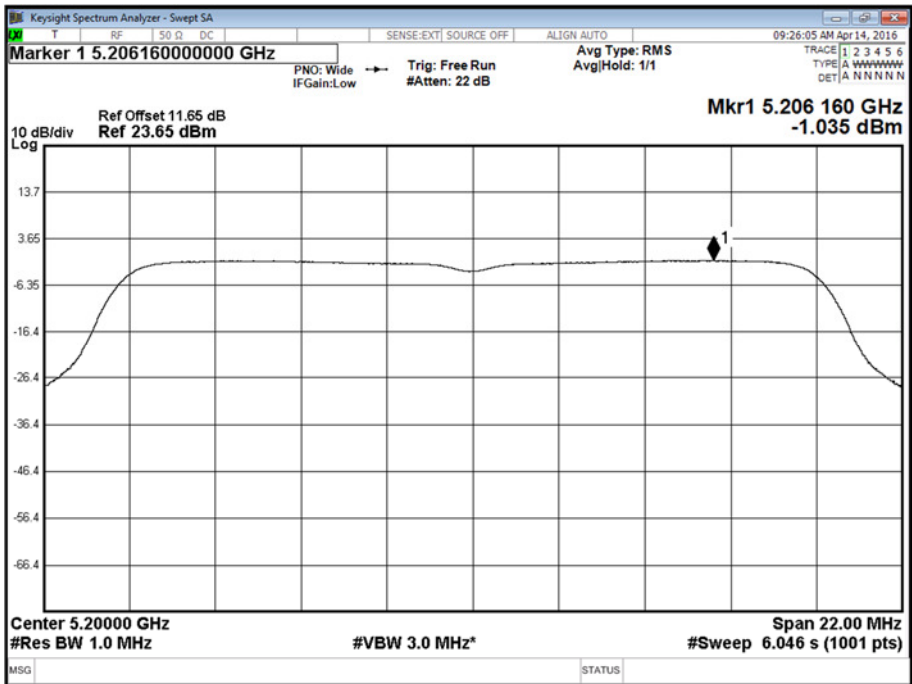


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5200 MHz, 16-QAM, MCS3, Frequency Band 1, Peak Power Spectral Density Results

5200 MHz		
dBm		
Port A	Port B	Total Power
-1.035	-0.985	2.015

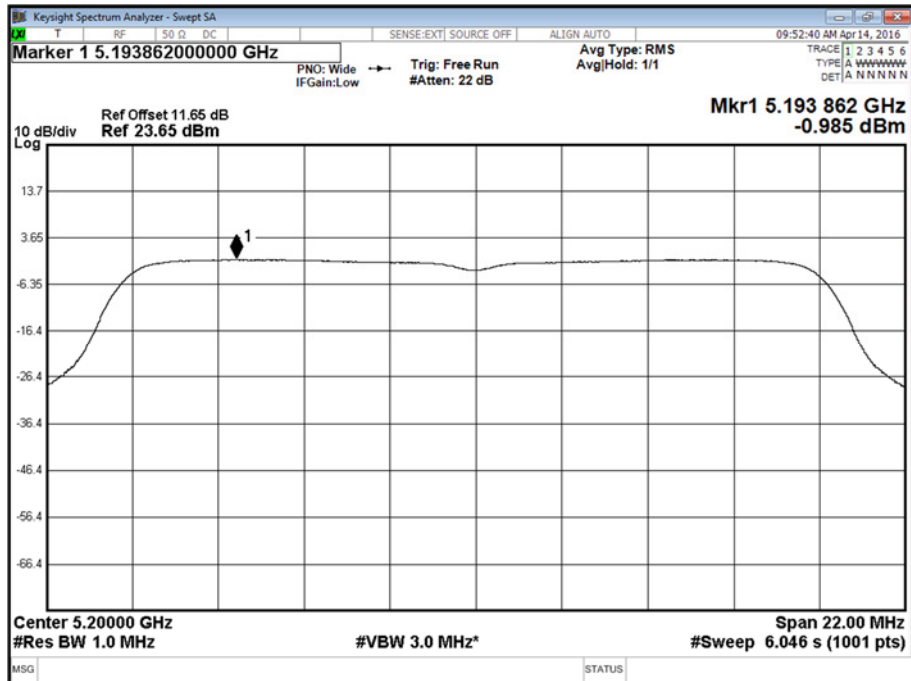
802.11ac - 5 GHz 20 MHz Bandwidth, 5200 MHz, 16-QAM, MCS3, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5200 MHz, 16-QAM, MCS3, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



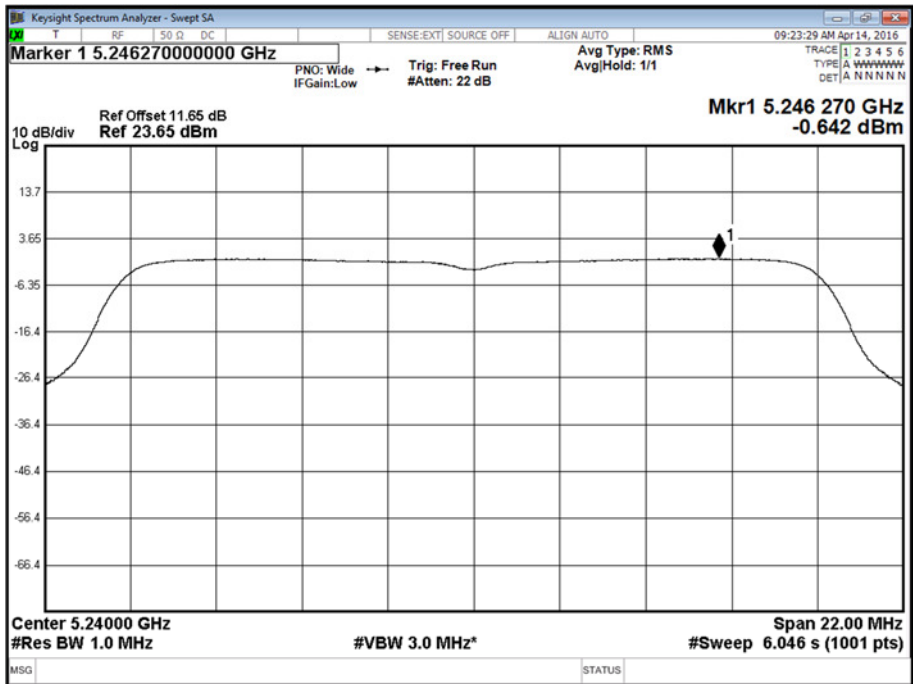


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5240 MHz, 16-QAM, MCS3, Frequency Band 1, Peak Power Spectral Density Results

5240 MHz		
dBm		
Port A	Port B	Total Power
-0.642	-0.937	2.358

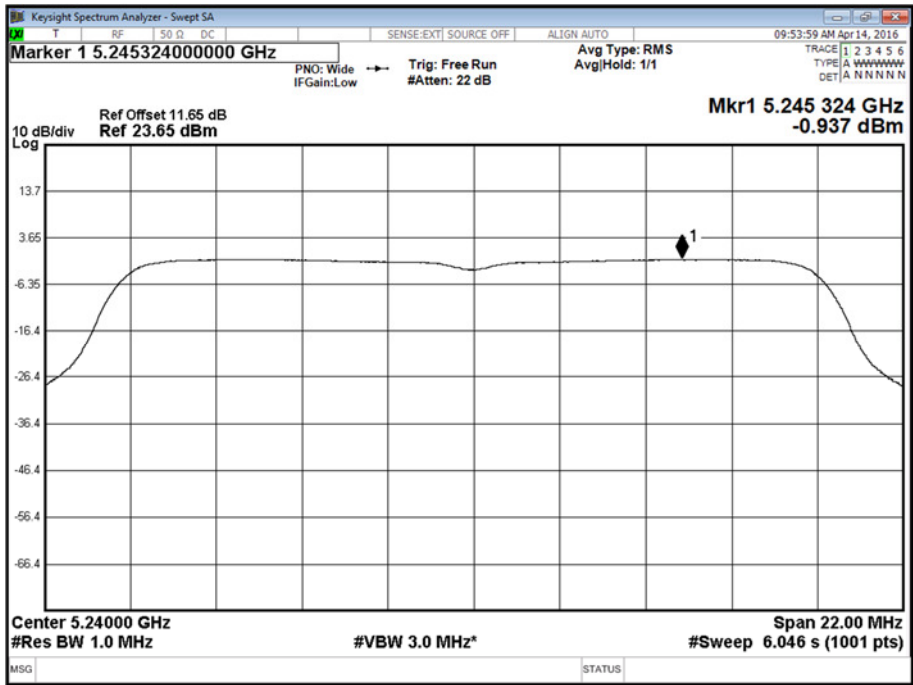
802.11ac - 5 GHz 20 MHz Bandwidth, 5240 MHz, 16-QAM, MCS3, Frequency Band 1, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5240 MHz, 16-QAM, MCS3, Frequency Band 1, Peak Power Spectral Density Plot



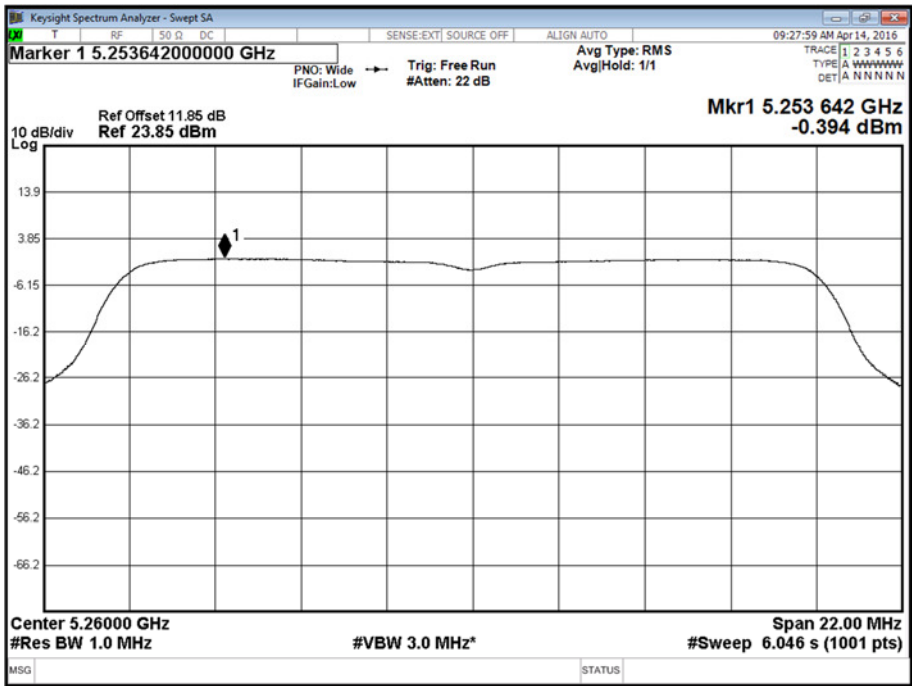


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5260 MHz, 16-QAM, MCS3, Frequency Band 2, Peak Power Spectral Density Results

5260 MHz		
dBm		
Port A	Port B	Total Power
-0.394	-0.567	2.606

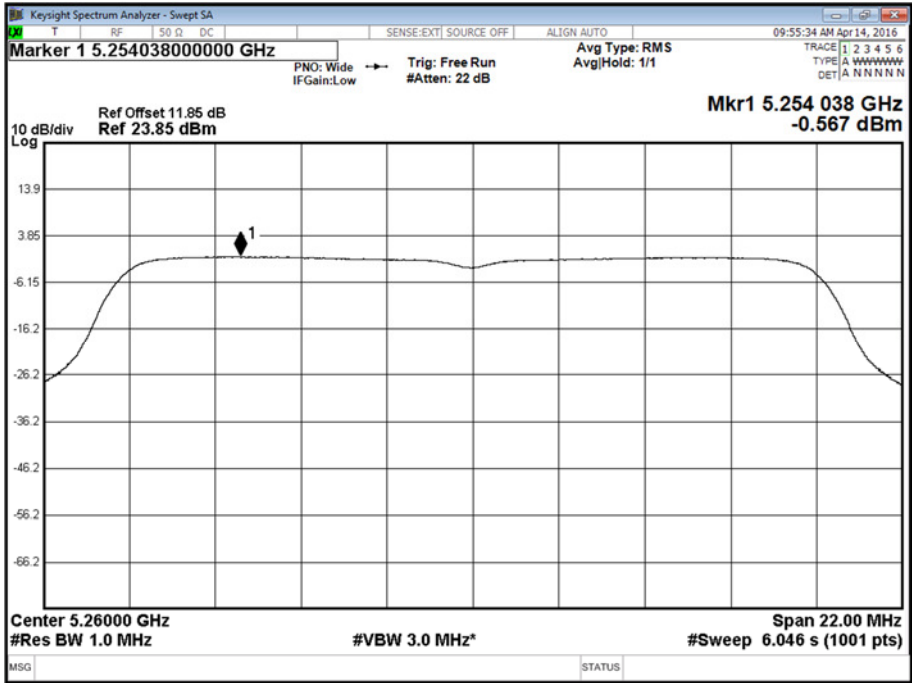
802.11ac - 5 GHz 20 MHz Bandwidth, 5260 MHz, 16-QAM, MCS3, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5260 MHz, 16-QAM, MCS3, Frequency Band 2, Port B,
Peak Power Spectral Density Plot



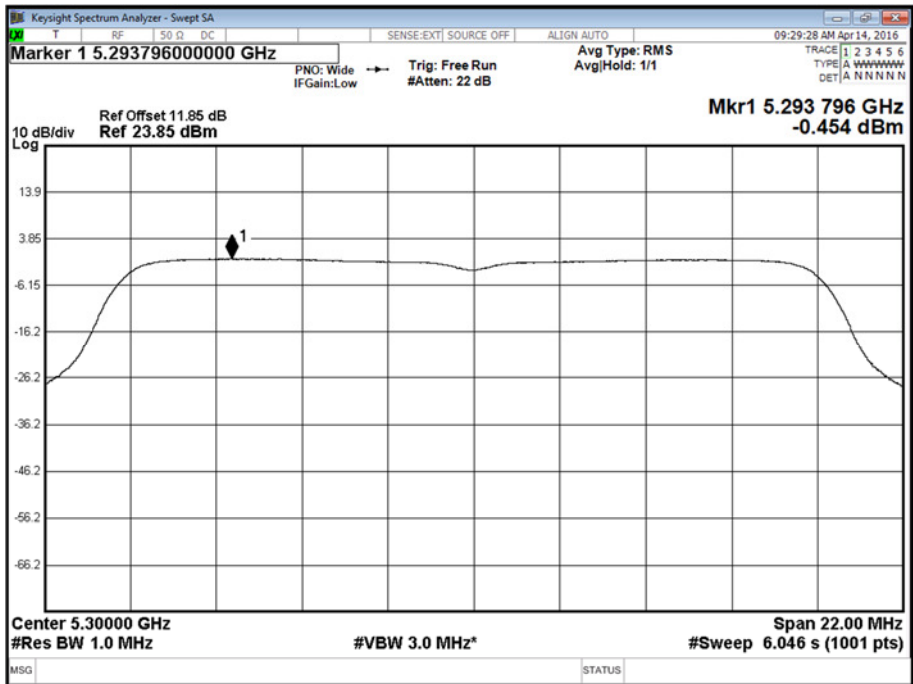


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5300 MHz, 16-QAM, MCS3, Frequency Band 2, Peak Power Spectral Density Results

5300 MHz		
dBm		
Port A	Port B	Total Power
-0.454	-0.605	2.546

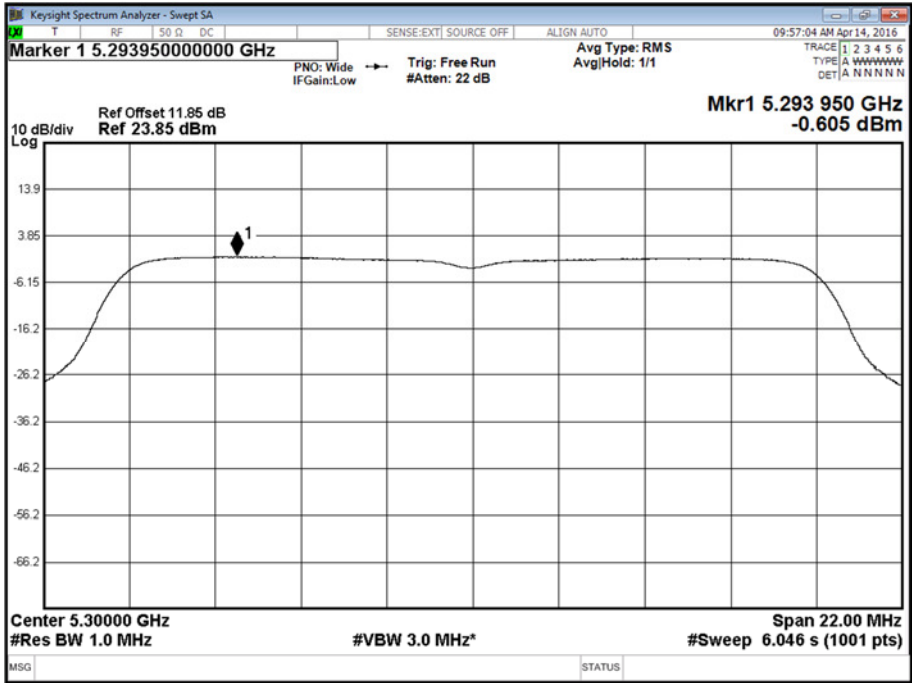
802.11ac - 5 GHz 20 MHz Bandwidth, 5300 MHz, 16-QAM, MCS3, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5300 MHz, 16-QAM, MCS3, Frequency Band 2, Port B, Peak Power Spectral Density Plot



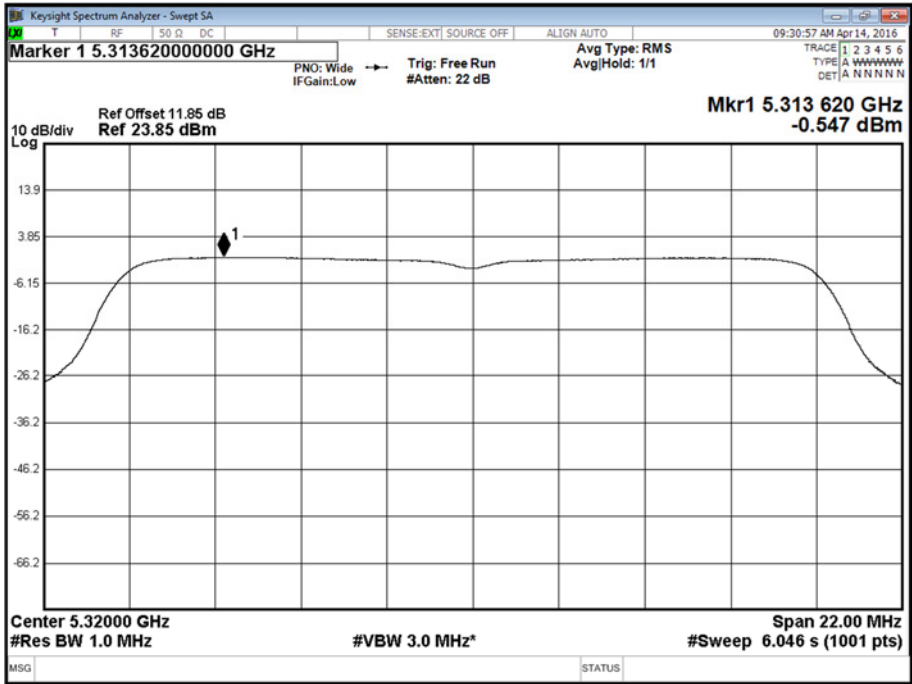


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5320 MHz, 16-QAM, MCS3, Frequency Band 2, Peak Power Spectral Density Results

5320 MHz		
dBm		
Port A	Port B	Total Power
-0.547	-0.835	2.453

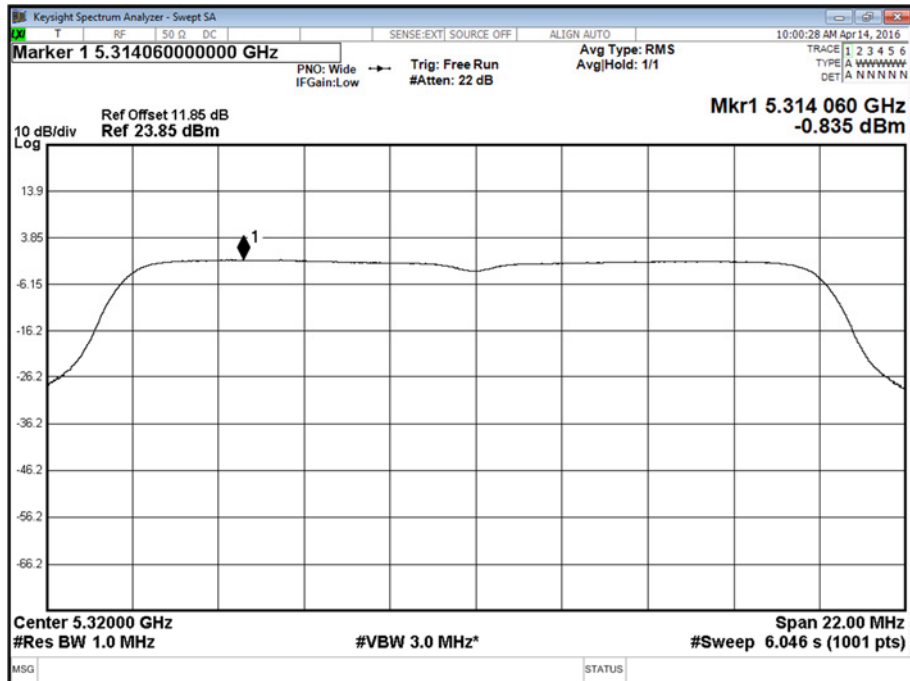
802.11ac - 5 GHz 20 MHz Bandwidth, 5320 MHz, 16-QAM, MCS3, Frequency Band 2, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5320 MHz, 16-QAM, MCS3, Frequency Band 2, Peak Power Spectral Density Plot



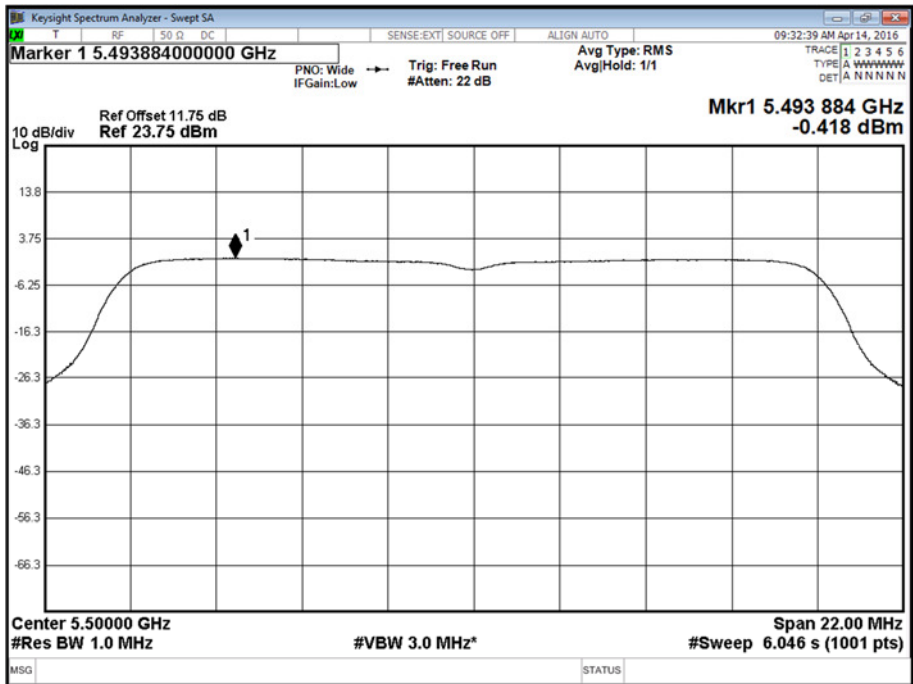


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5500 MHz, 16-QAM, MCS3, Frequency Band 3, Peak Power Spectral Density Results

5500 MHz		
dBm		
Port A	Port B	Total Power
-0.418	-0.798	2.582

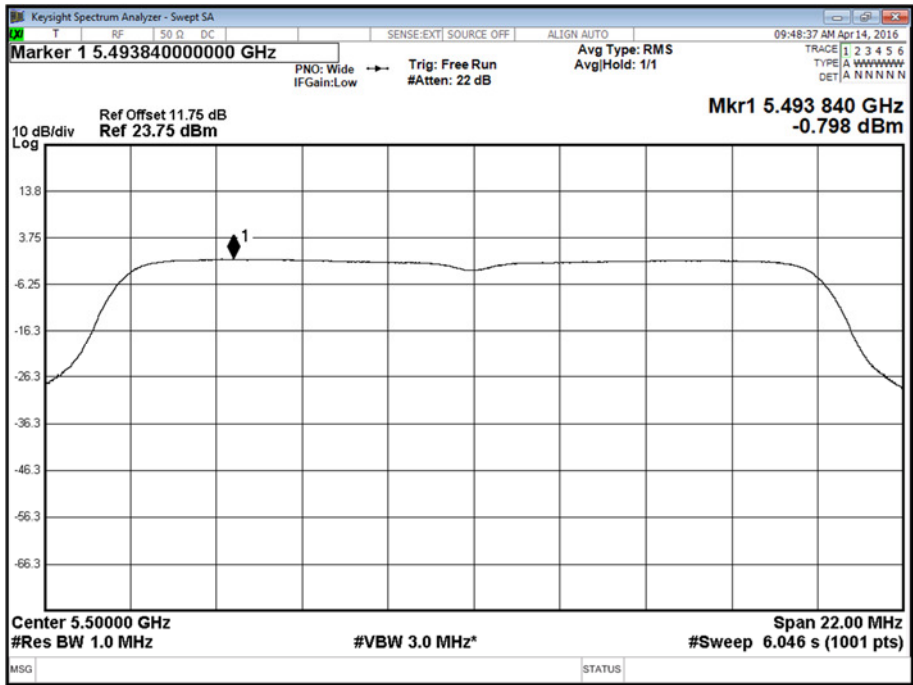
802.11ac - 5 GHz 20 MHz Bandwidth, 5500 MHz, 16-QAM, MCS3, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5500 MHz, 16-QAM, MCS3, Frequency Band 3, Port B, Peak Power Spectral Density Plot



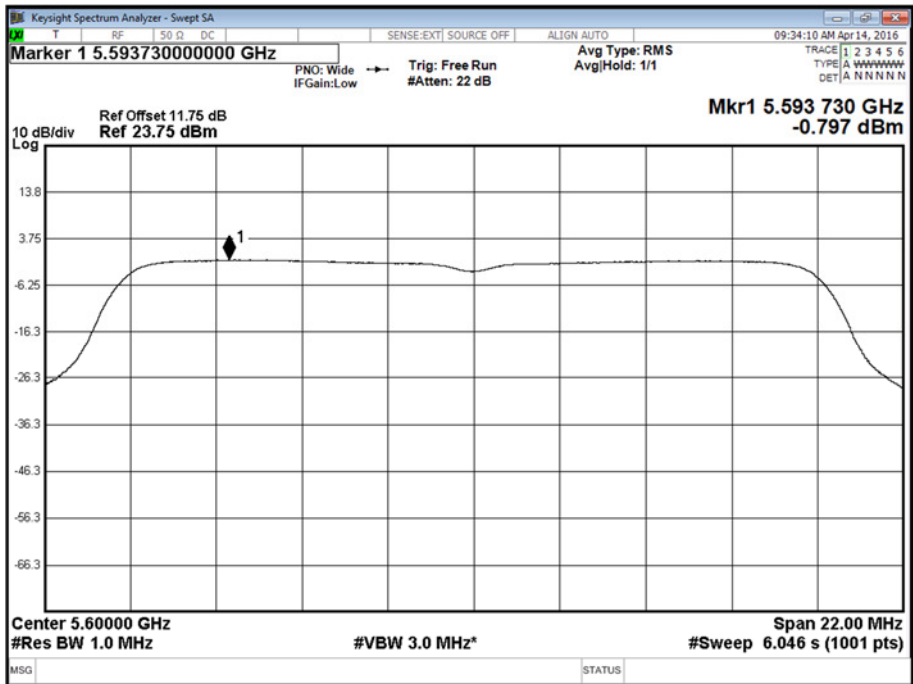


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5600 MHz, 16-QAM, MCS3, Frequency Band 3, Peak Power Spectral Density Results

5600 MHz		
dBm		
Port A	Port B	Total Power
-0.797	-1.376	2.203

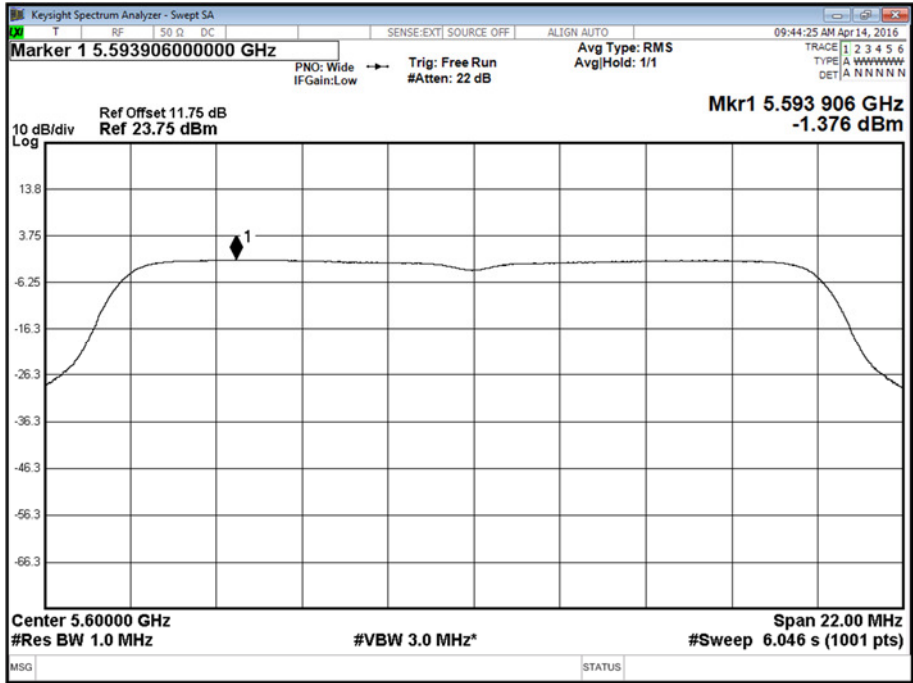
802.11ac - 5 GHz 20 MHz Bandwidth, 5600 MHz, 16-QAM, MCS3, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5600 MHz, 16-QAM, MCS3, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



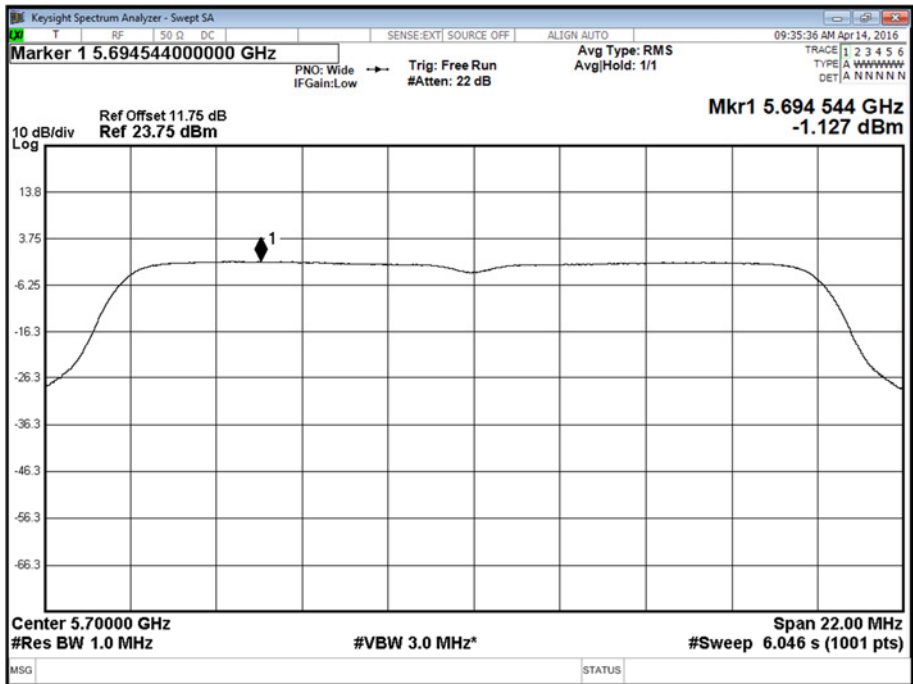


Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5700 MHz, 16-QAM, MCS3, Frequency Band 3, Peak Power Spectral Density Results

5700 MHz		
dBm		
Port A	Port B	Total Power
-1.127	-1.323	1.873

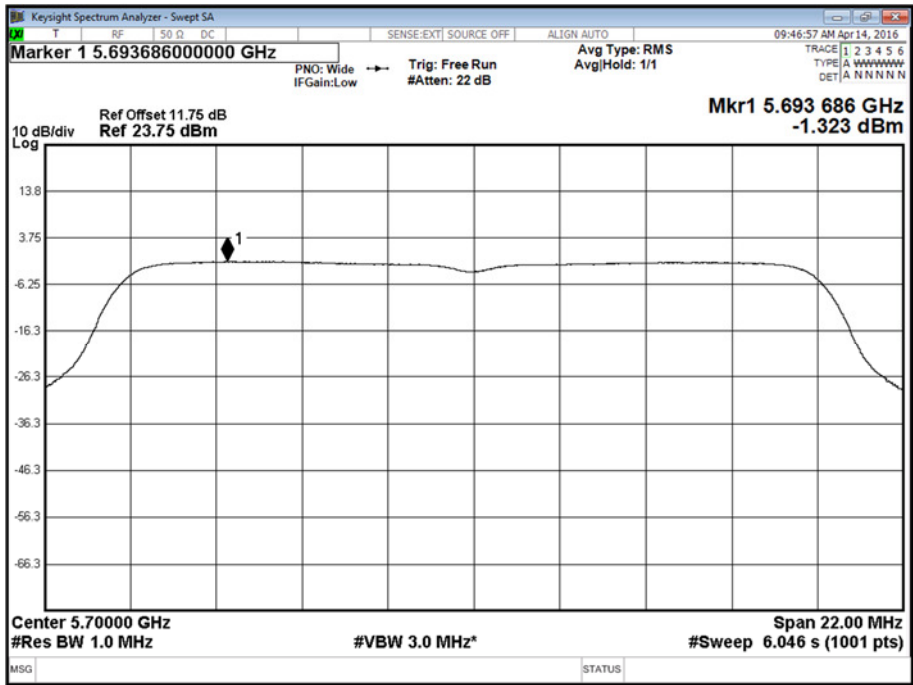
802.11ac - 5 GHz 20 MHz Bandwidth, 5700 MHz, 16-QAM, MCS3, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 20 MHz Bandwidth, 5700 MHz, 16-QAM, MCS3, Frequency Band 3, Peak Power Spectral Density Plot



FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz

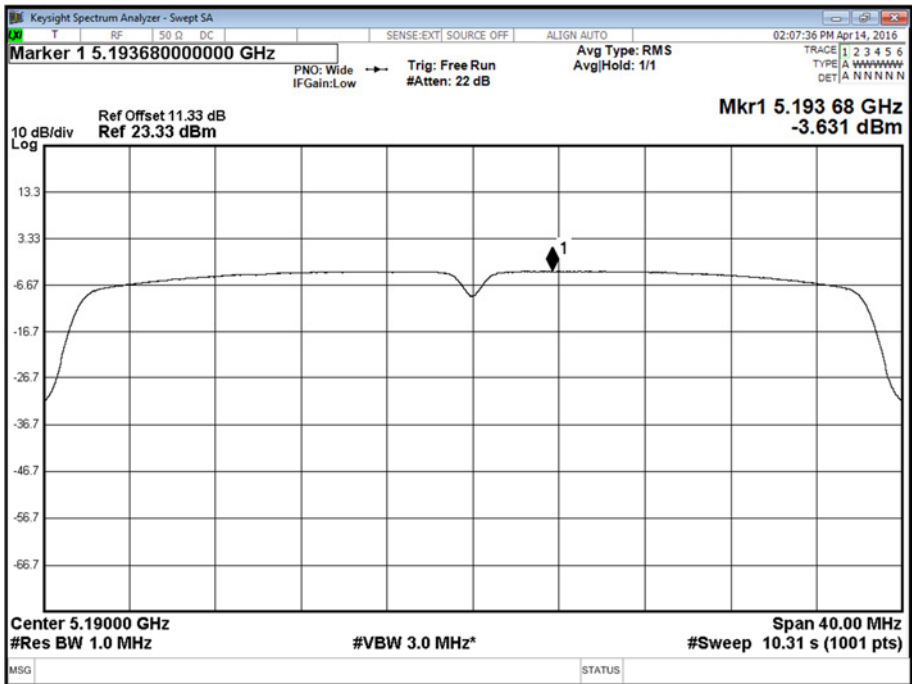


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5190 MHz		
dBm		
Port A	Port B	Total Power
-3.631	-3.575	-0.575

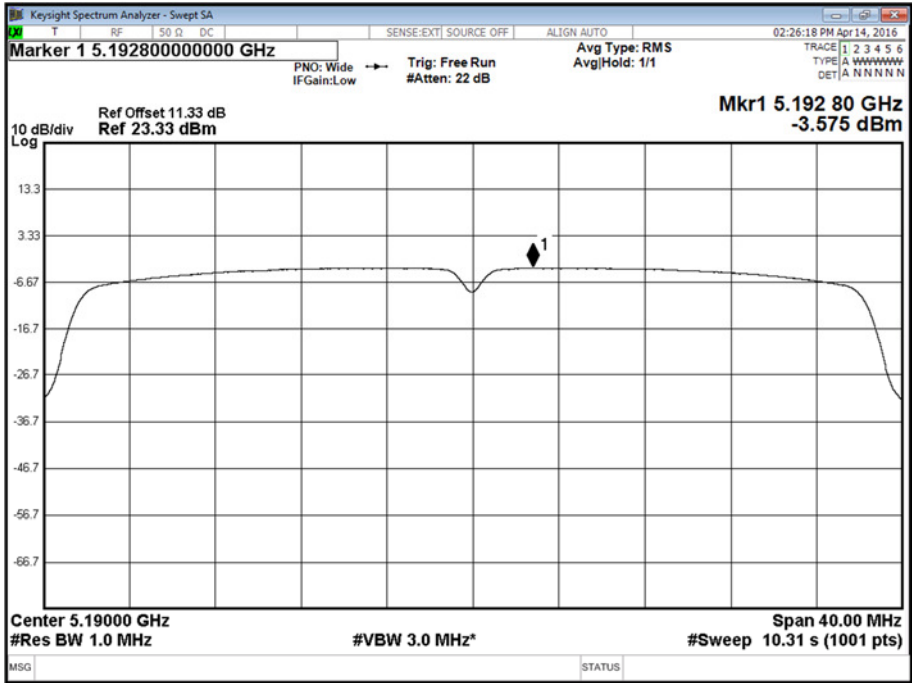
802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



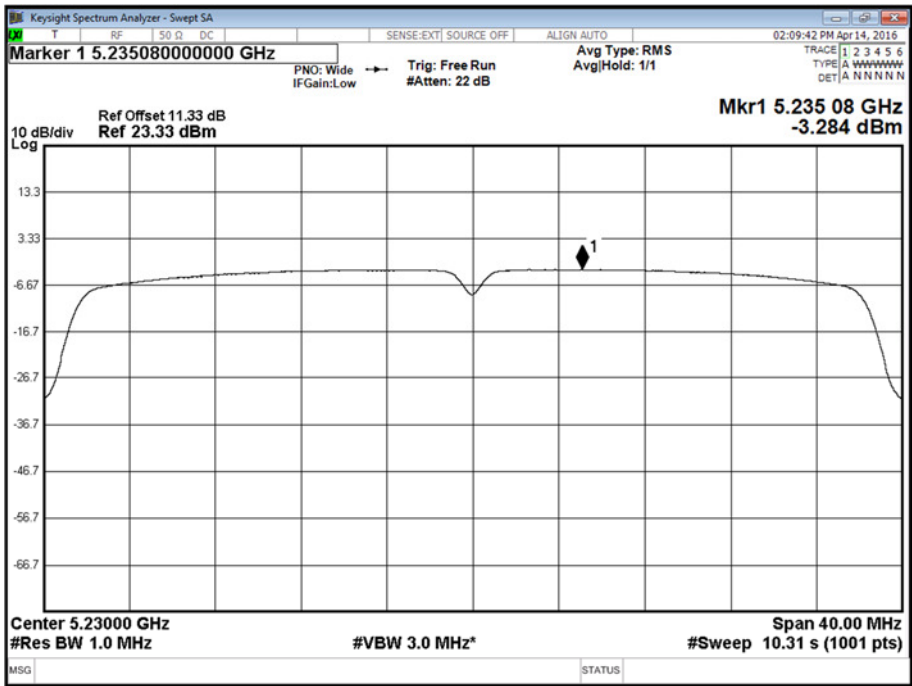


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5230 MHz		
dBm		
Port A	Port B	Total Power
-3.284	-3.587	-0.284

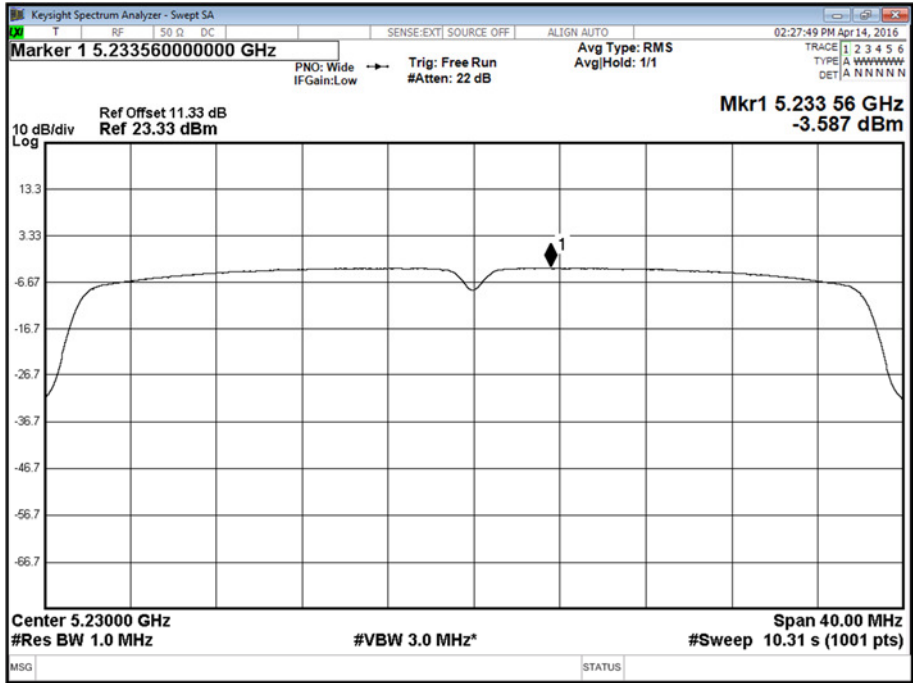
802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot



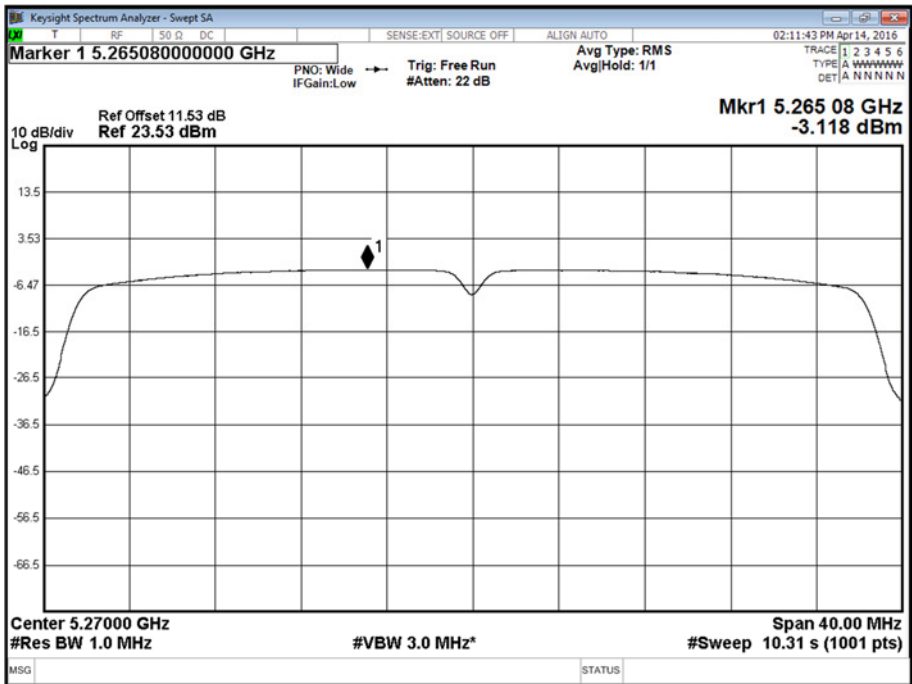


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5270 MHz		
dBm		
Port A	Port B	Total Power
-3.118	-3.352	-0.118

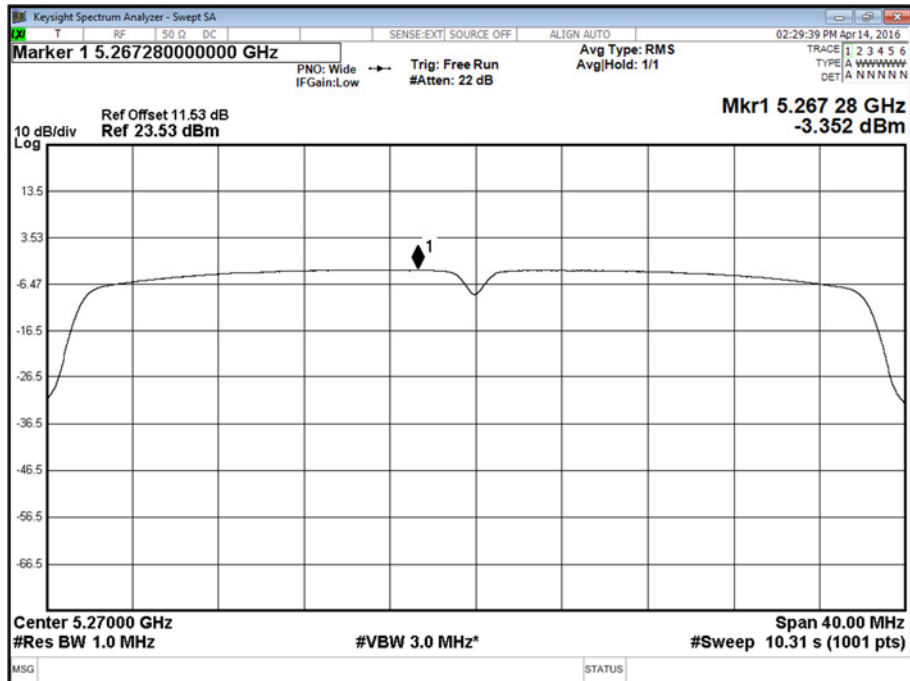
802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Port B,
Peak Power Spectral Density Plot



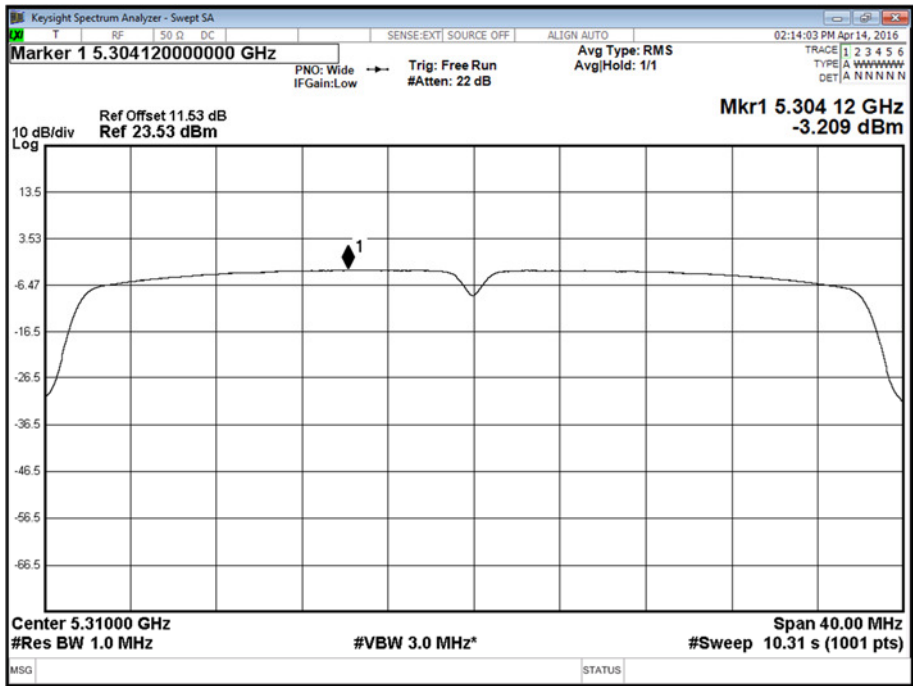


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5310 MHz		
dBm		
Port A	Port B	Total Power
-3.209	-3.463	-0.209

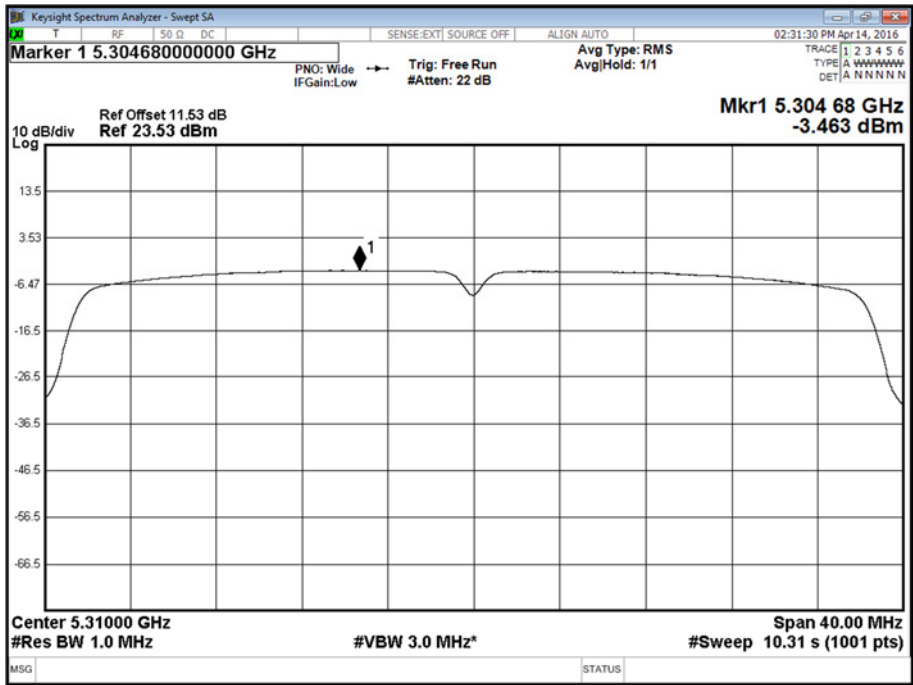
802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot



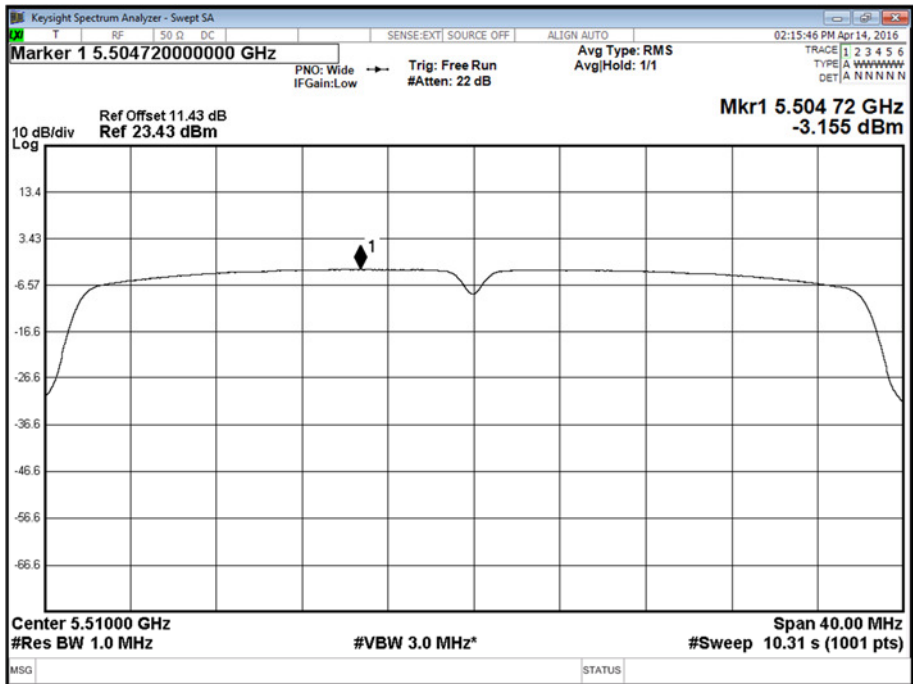


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5510 MHz		
dBm		
Port A	Port B	Total Power
-3.155	-3.588	-0.155

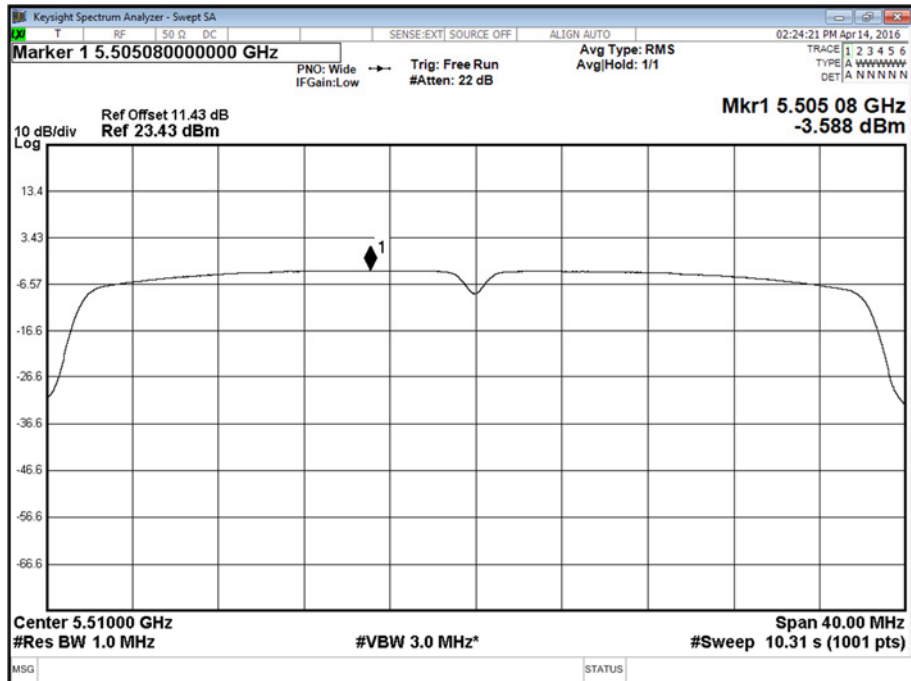
802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



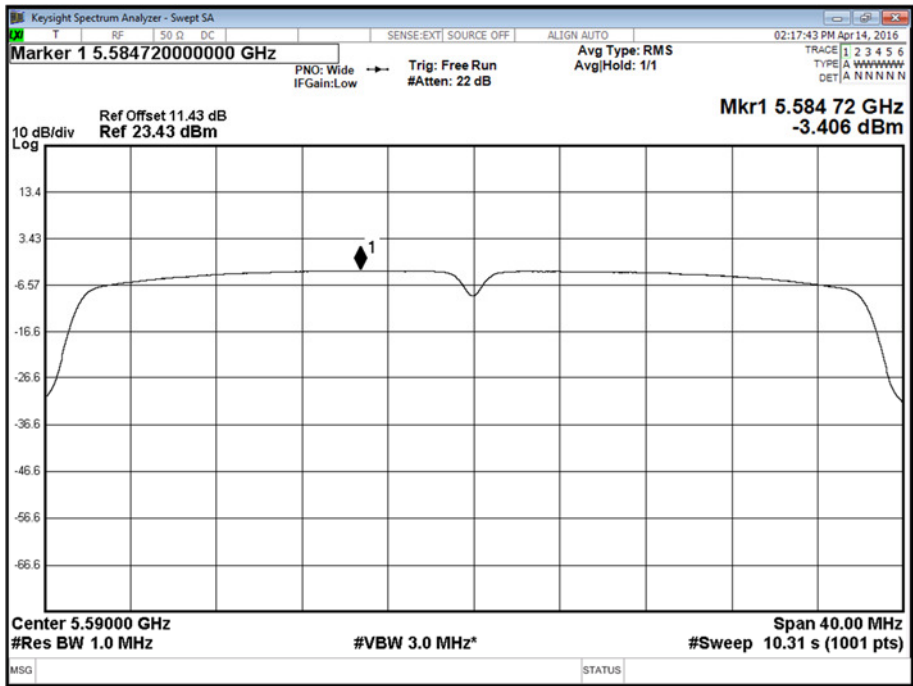


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5590 MHz		
dBm		
Port A	Port B	Total Power
-3.406	-4.130	-0.406

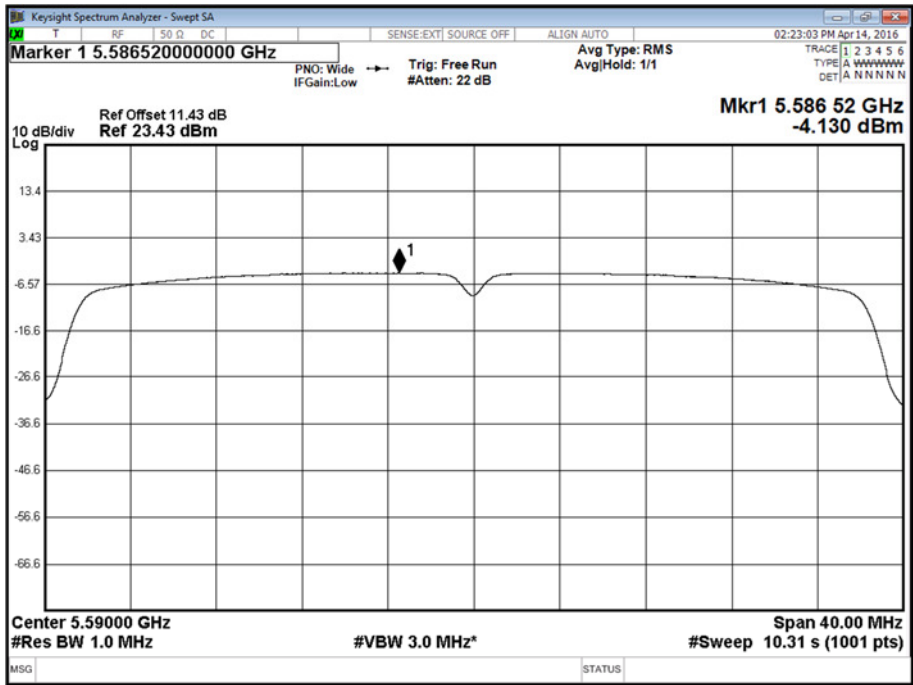
802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



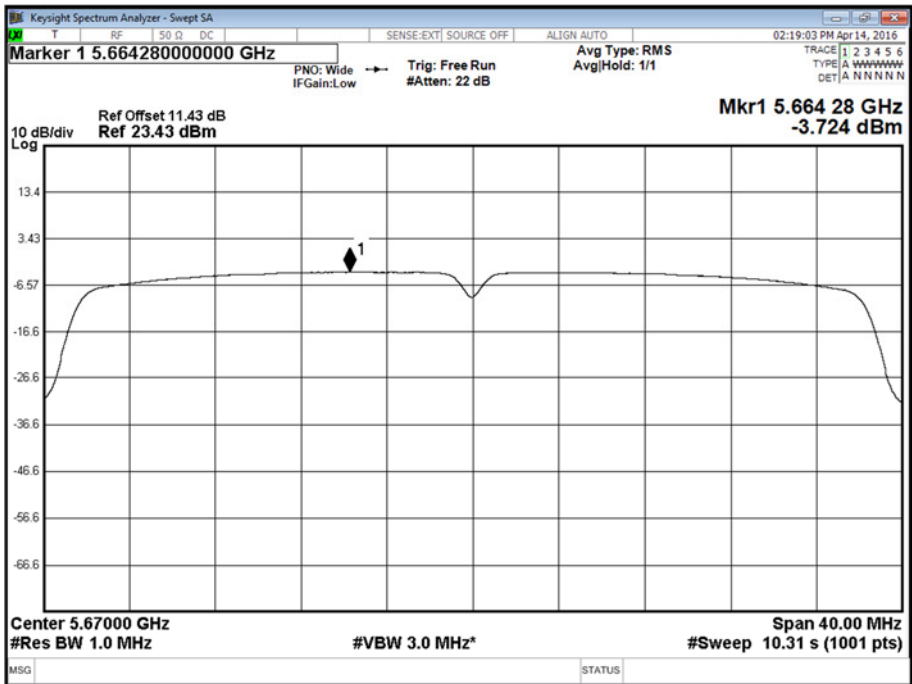


Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5670 MHz		
dBm		
Port A	Port B	Total Power
-3.724	-4.428	-0.724

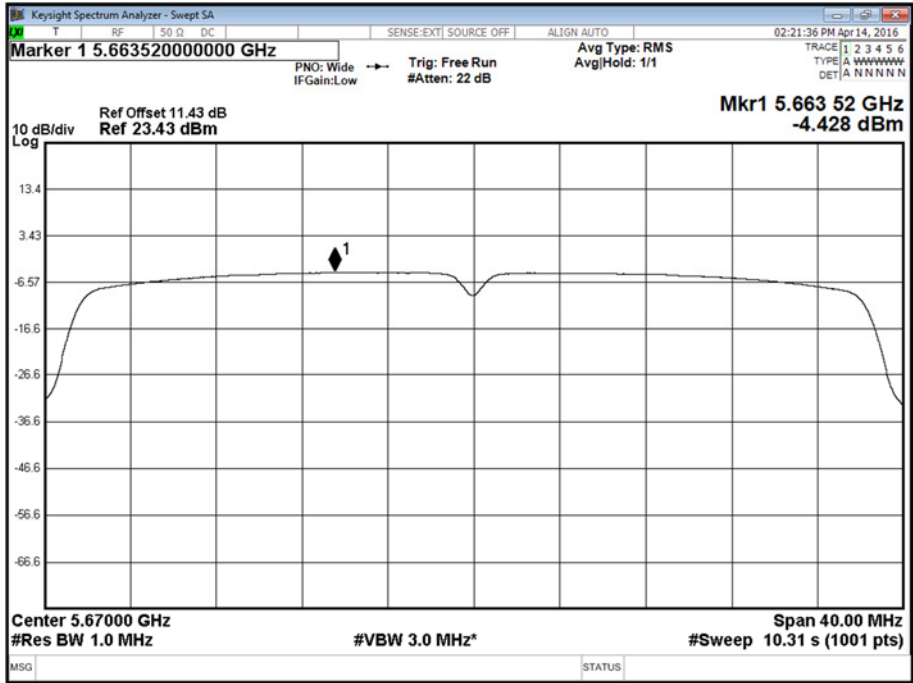
802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot



FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz

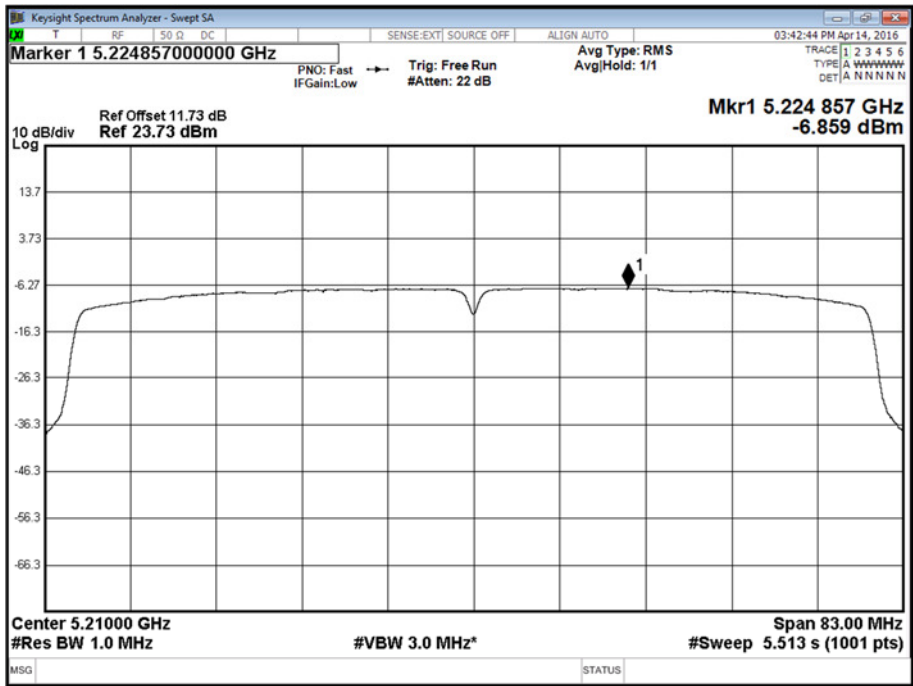


Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5210 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5210 MHz		
dBm		
Port A	Port B	Total Power
-6.859	-6.903	-3.859

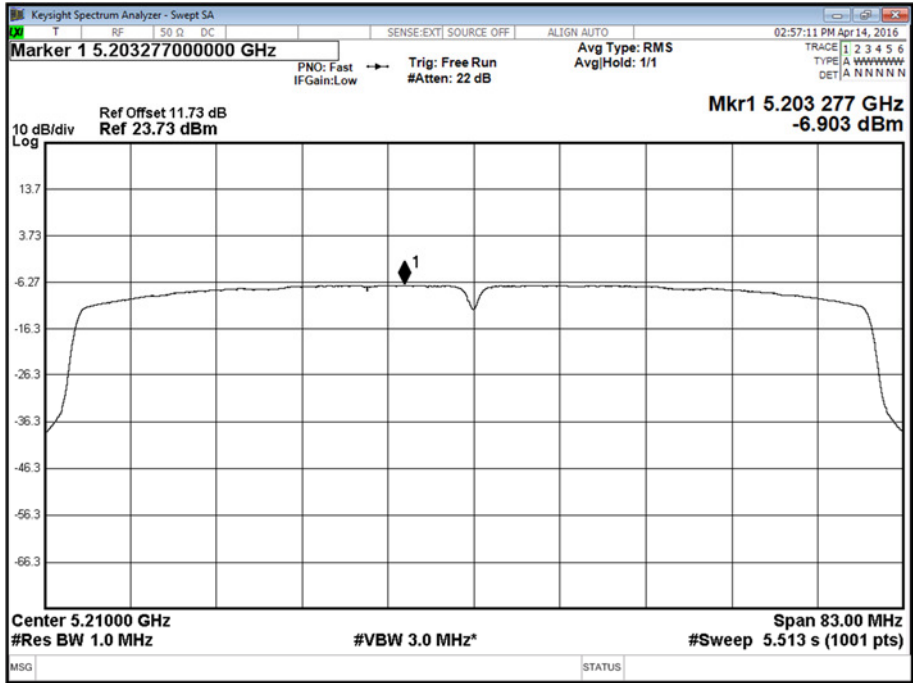
802.11ac - 5 GHz 80 MHz Bandwidth, 5210 MHz, BPSK, MCS0, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5210 MHz, BPSK, MCS0, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



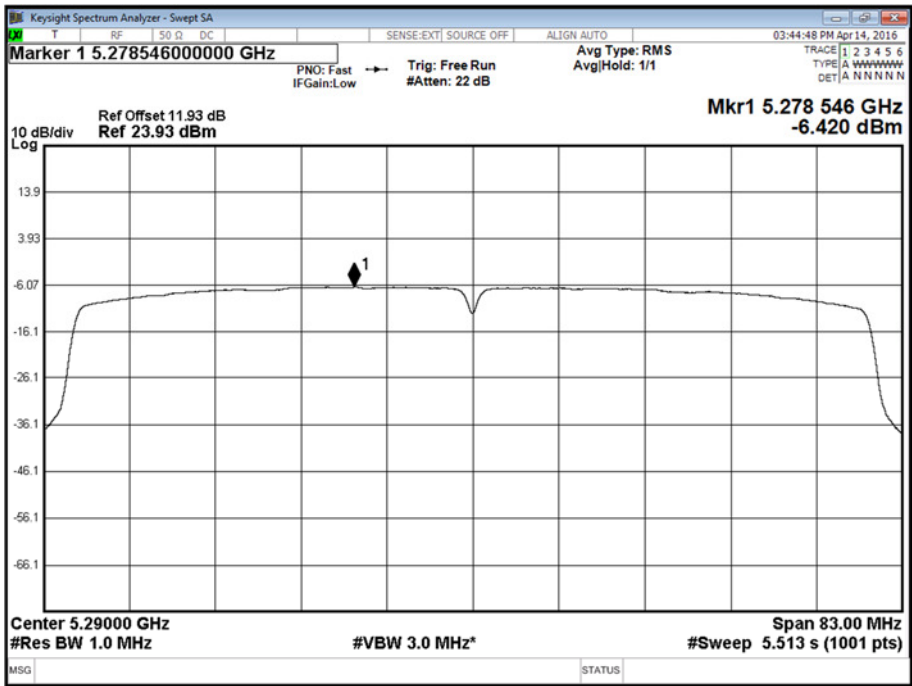


Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5290 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5290 MHz		
dBm		
Port A	Port B	Total Power
-6.420	-6.429	-3.420

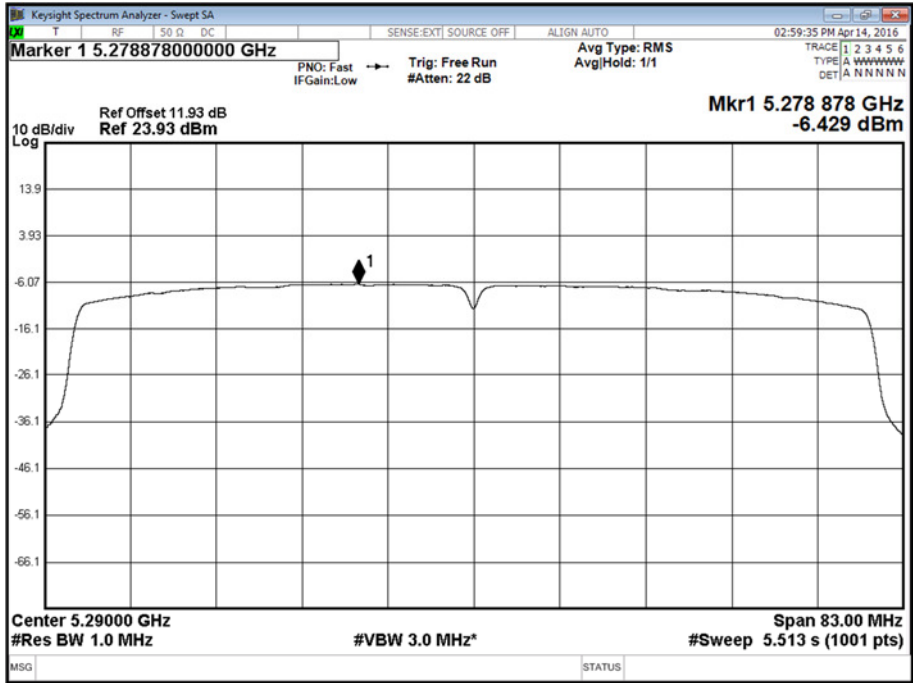
802.11ac - 5 GHz 80 MHz Bandwidth, 5290 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5290 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot



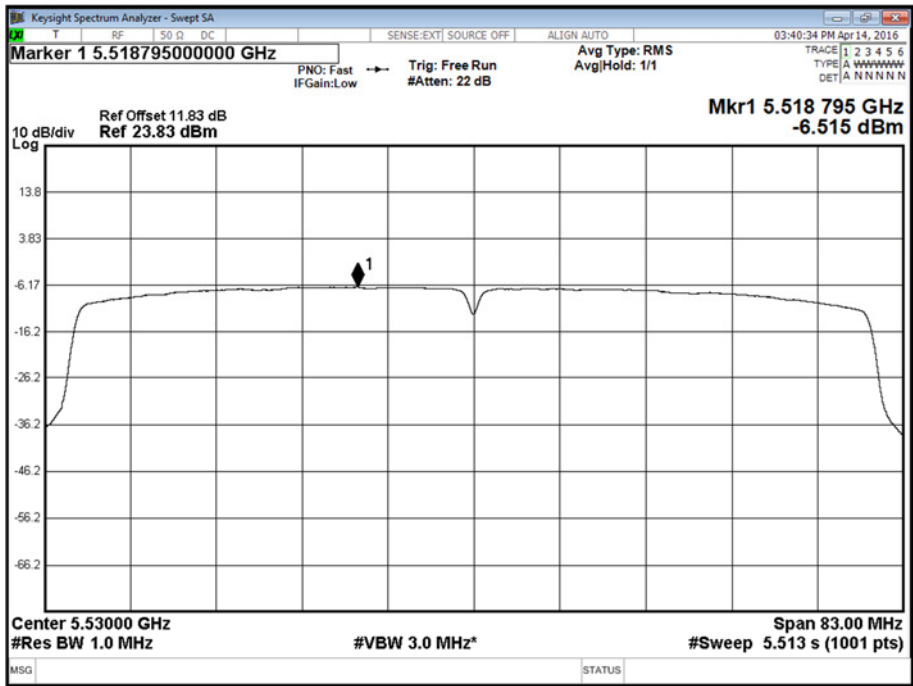


Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5530 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5530 MHz		
dBm		
Port A	Port B	Total Power
-6.515	-6.847	-3.515

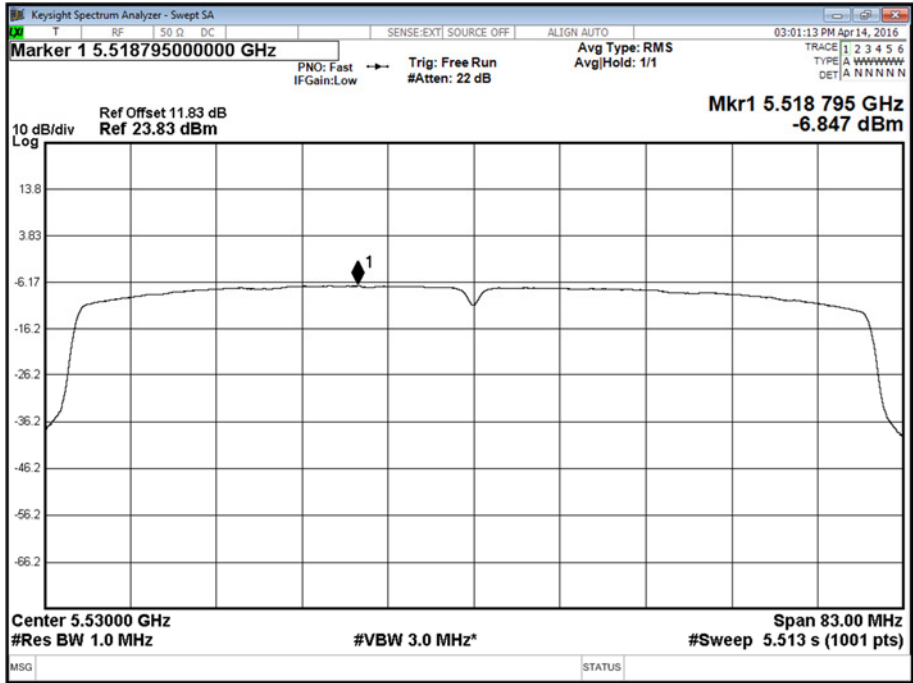
802.11ac - 5 GHz 80 MHz Bandwidth, 5530 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5530 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



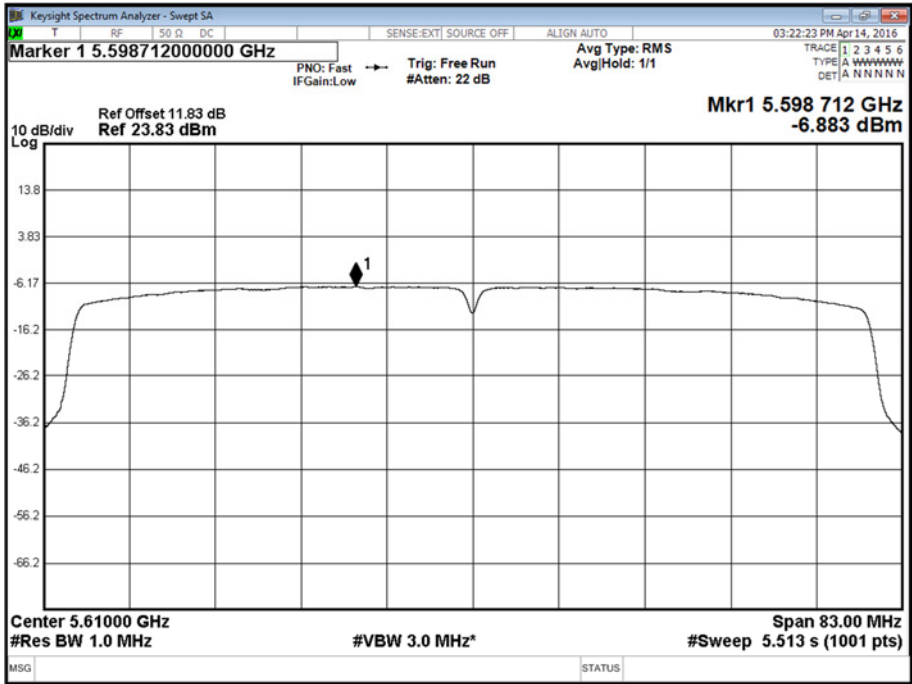


Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5610 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5610 MHz		
dBm		
Port A	Port B	Total Power
-6.883	-7.282	-3.883

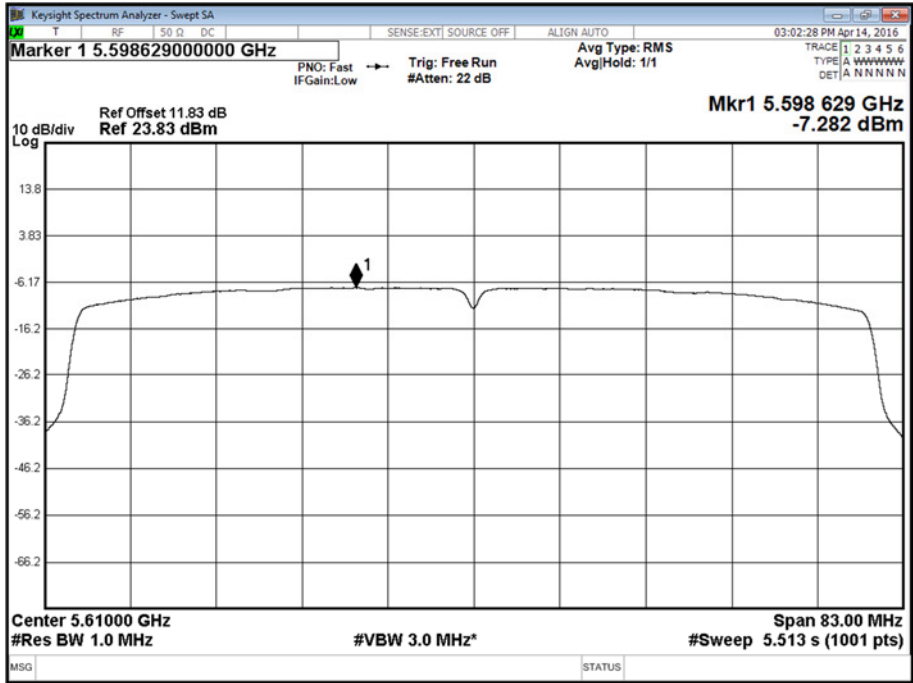
802.11ac - 5 GHz 80 MHz Bandwidth, 5610 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11ac - 5 GHz 80 MHz Bandwidth, 5610 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot



FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz

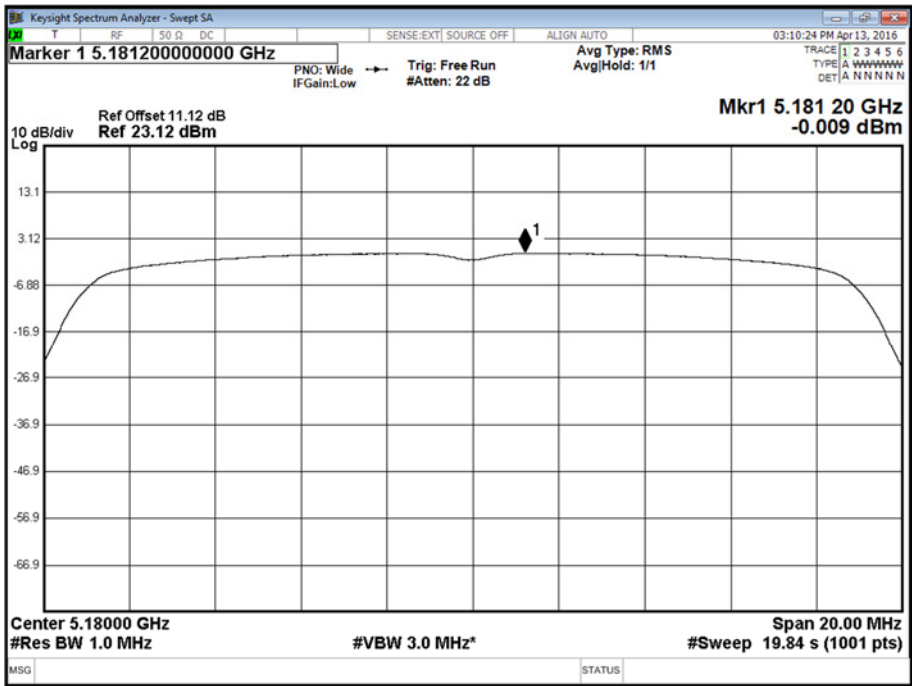


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5180 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5180 MHz		
dBm		
Port A	Port B	Total Power
-0.009	0.042	3.042

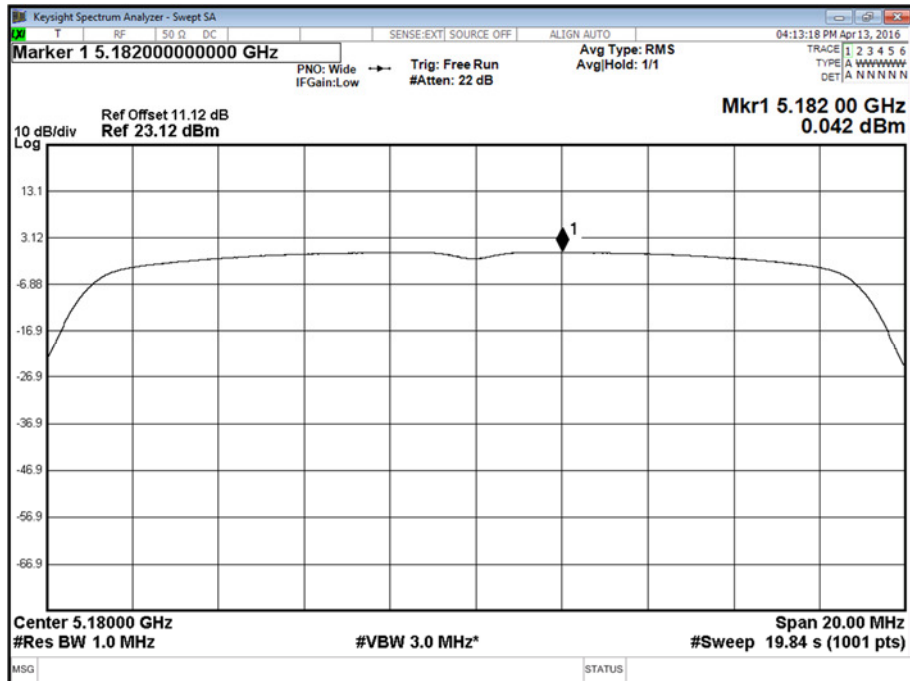
802.11n - 5 GHz 20 MHz Bandwidth, 5180 MHz, BPSK, MCS0, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5180 MHz, BPSK, MCS0, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



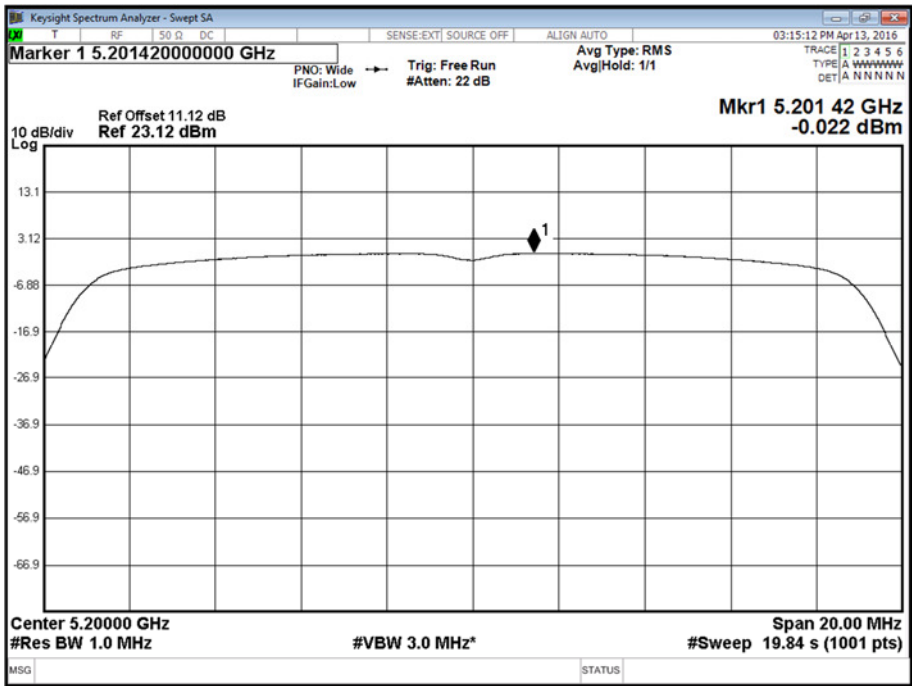


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5200 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5200 MHz		
dBm		
Port A	Port B	Total Power
-0.022	0.033	3.033

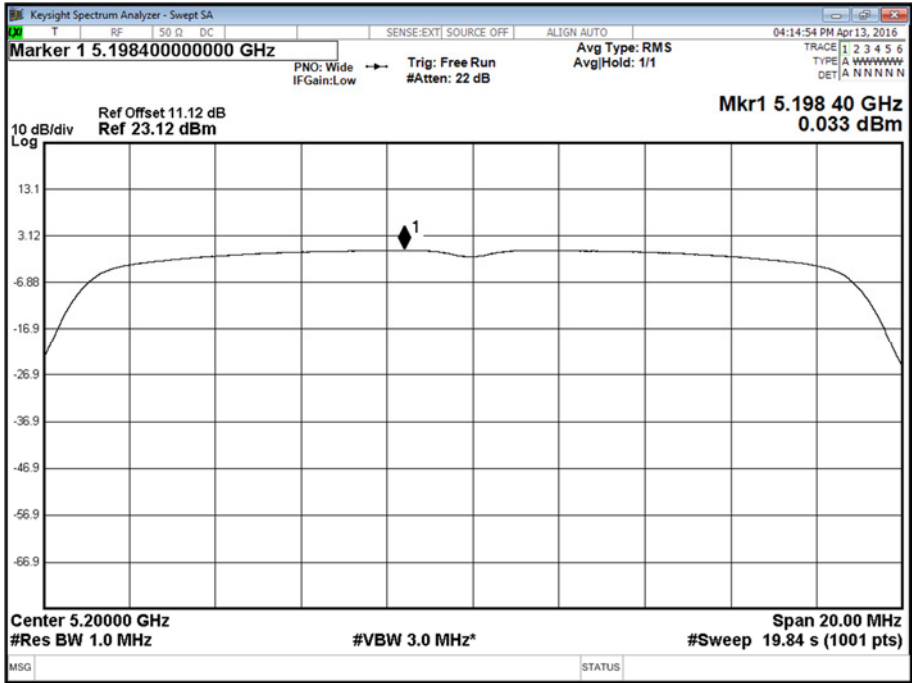
802.11n - 5 GHz 20 MHz Bandwidth, 5200 MHz, BPSK, MCS0, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5200 MHz, BPSK, MCS0, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



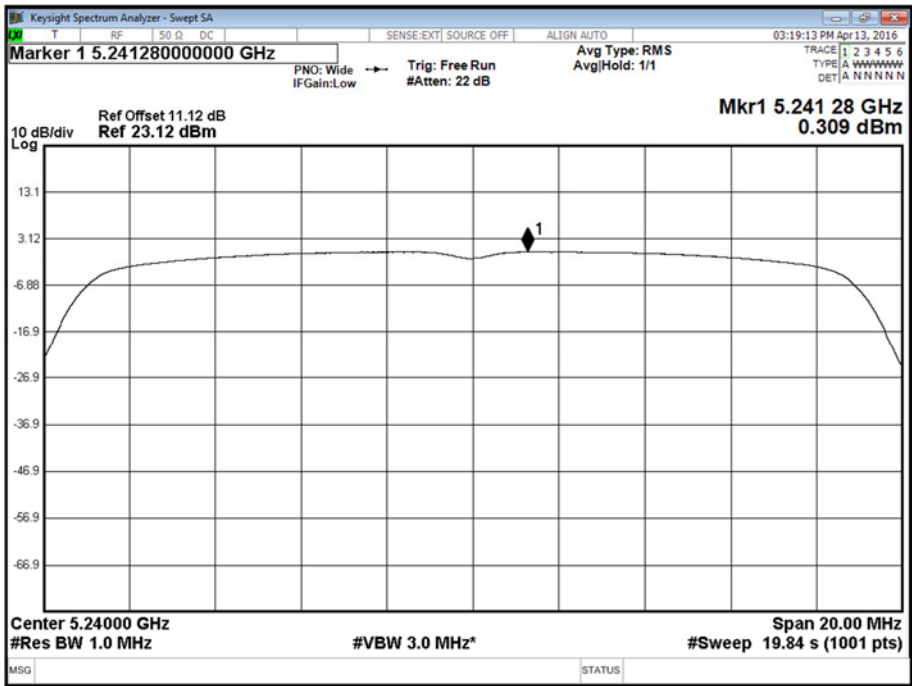


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5240 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5240 MHz		
dBm		
Port A	Port B	Total Power
0.309	0.100	3.309

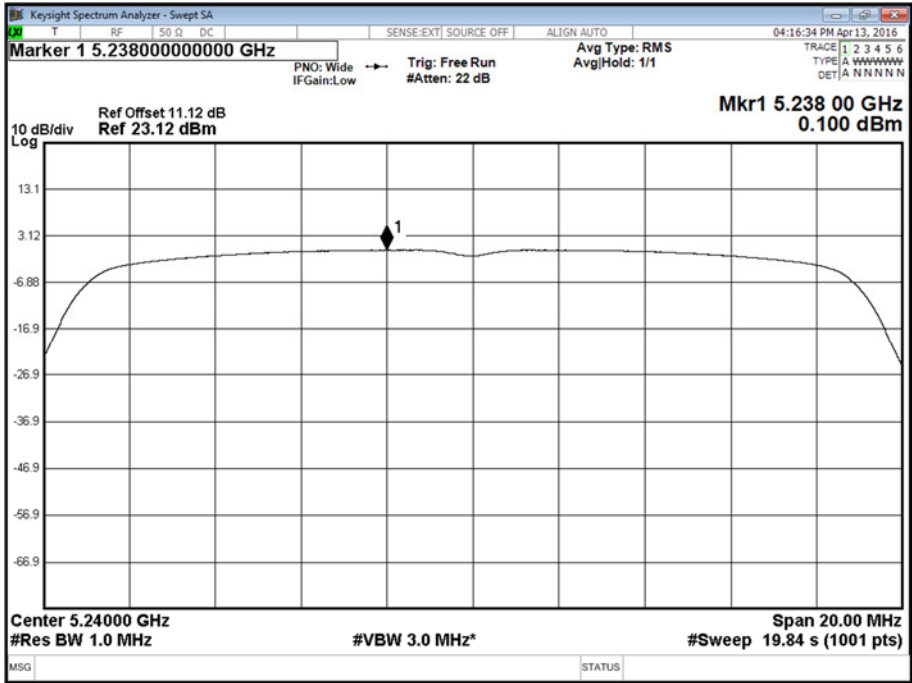
802.11n - 5 GHz 20 MHz Bandwidth, 5240 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5240 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot



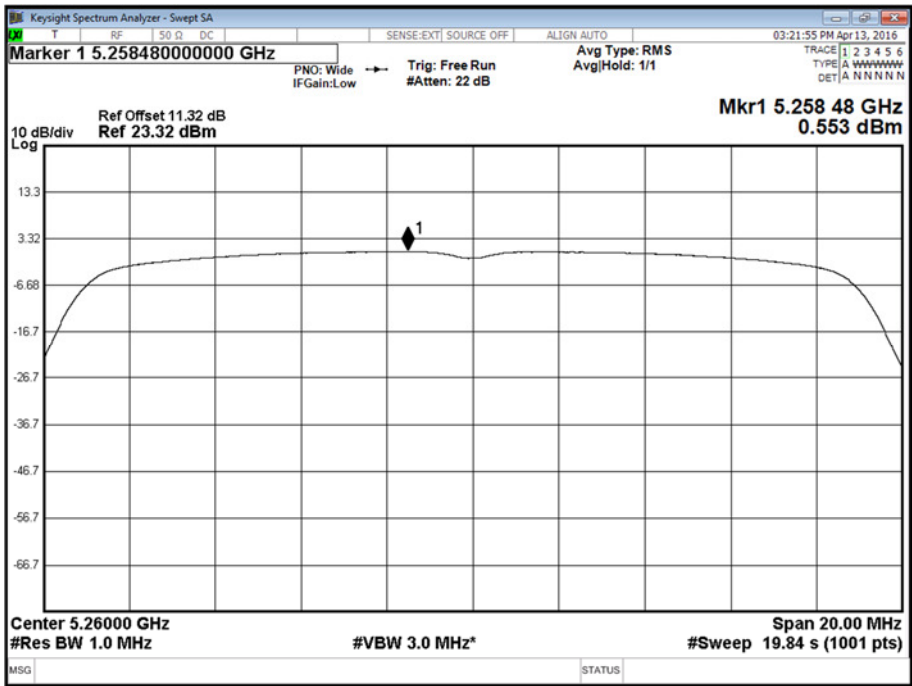


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5260 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5260 MHz		
dBm		
Port A	Port B	Total Power
0.553	0.323	3.553

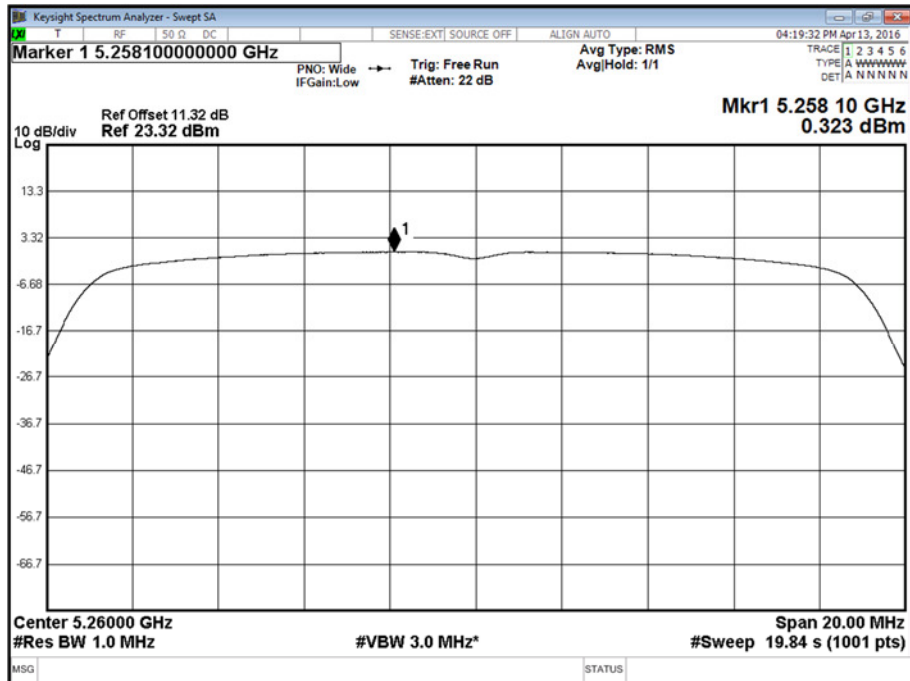
802.11n - 5 GHz 20 MHz Bandwidth, 5260 MHz, BPSK, MCS0, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5260 MHz, BPSK, MCS0, Frequency Band 2, Port B,
Peak Power Spectral Density Plot



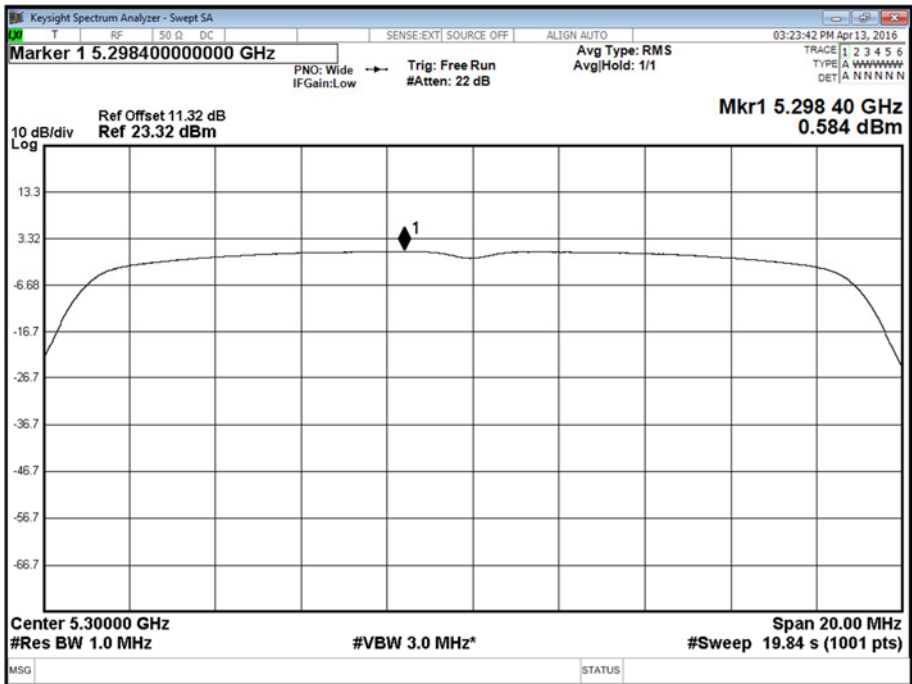


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5300 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5300 MHz		
dBm		
Port A	Port B	Total Power
0.584	0.276	3.584

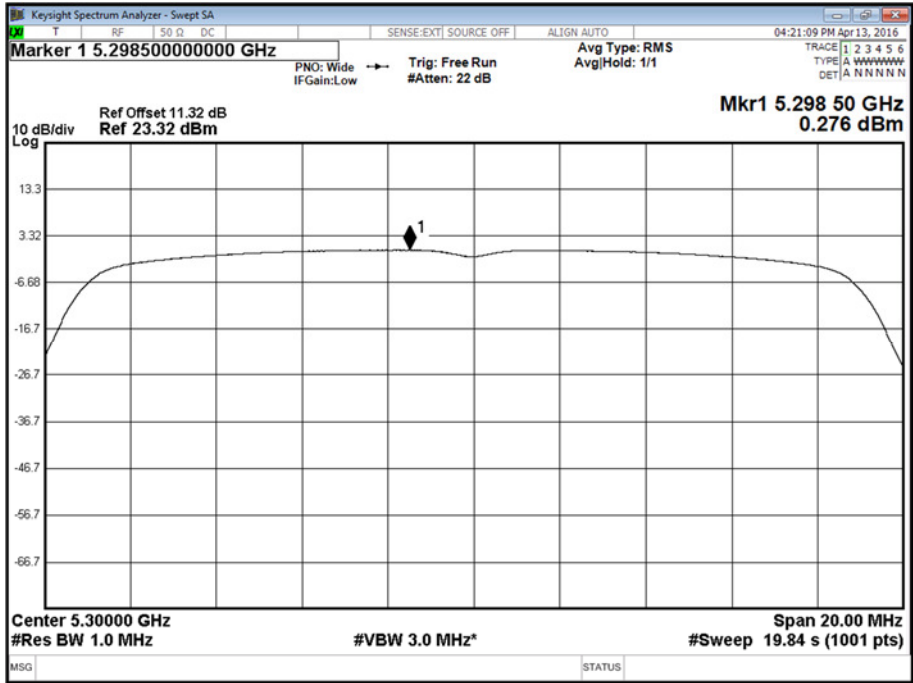
802.11n - 5 GHz 20 MHz Bandwidth, 5300 MHz, BPSK, MCS0, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5300 MHz, BPSK, MCS0, Frequency Band 2, Port B,
Peak Power Spectral Density Plot



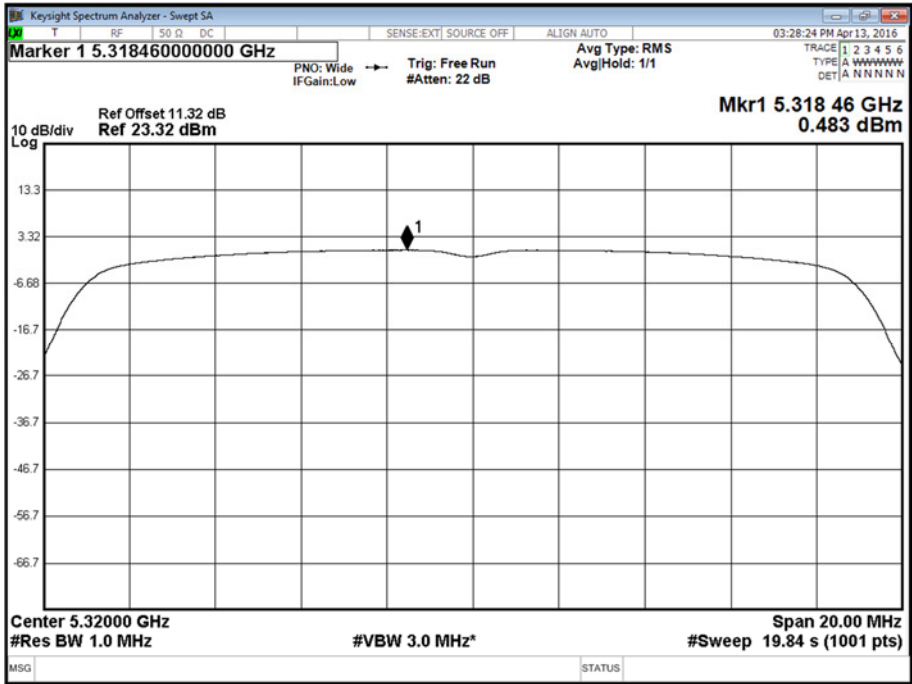


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5320 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5320 MHz		
dBm		
Port A	Port B	Total Power
0.483	0.082	3.483

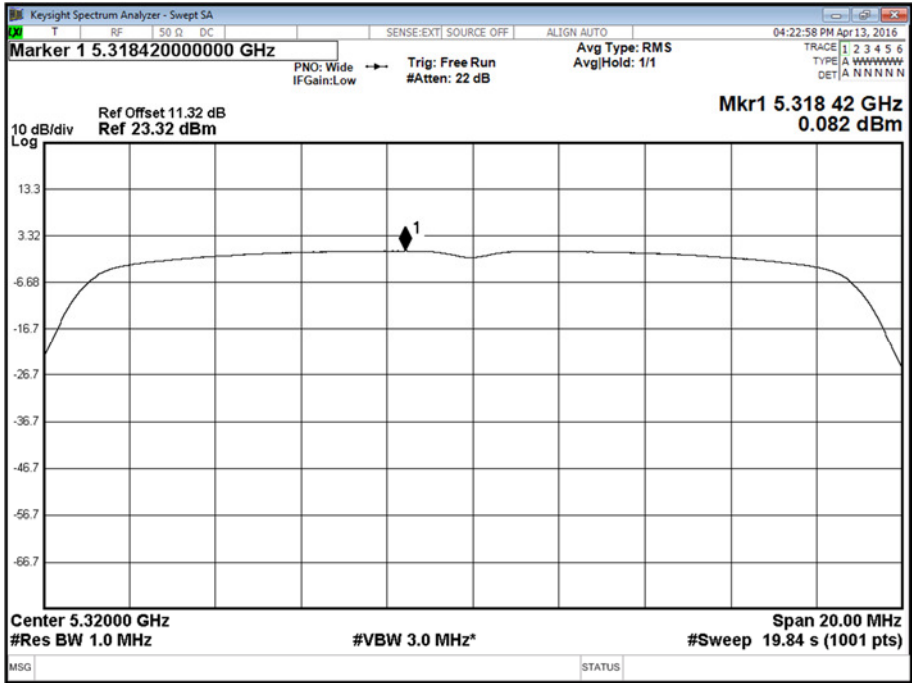
802.11n - 5 GHz 20 MHz Bandwidth, 5320 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5320 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot



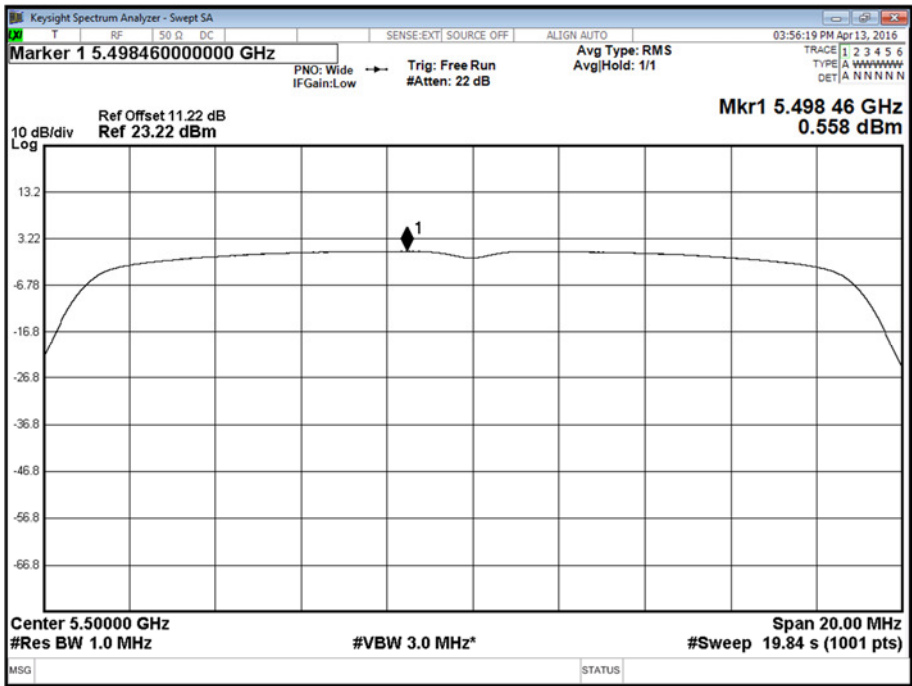


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5500 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5500 MHz		
dBm		
Port A	Port B	Total Power
0.558	0.147	3.558

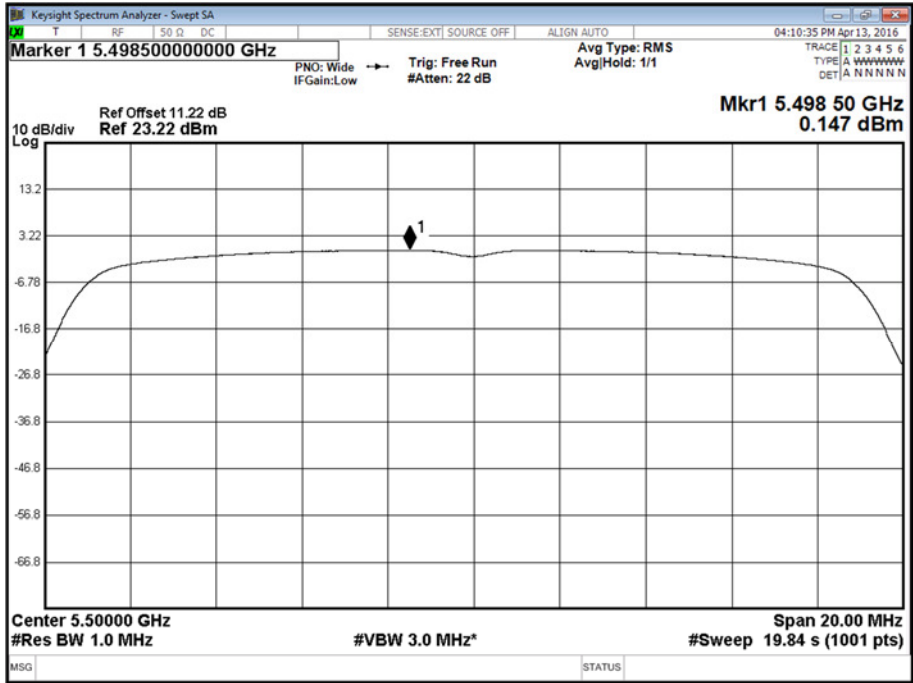
802.11n - 5 GHz 20 MHz Bandwidth, 5500 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5500 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



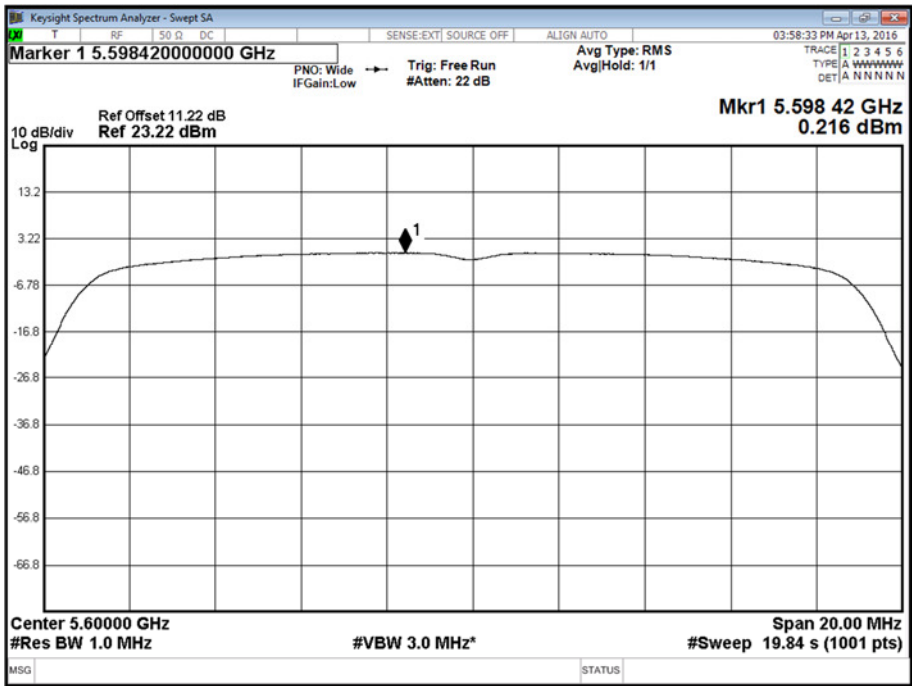


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5600 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5600 MHz		
dBm		
Port A	Port B	Total Power
0.216	-0.488	3.216

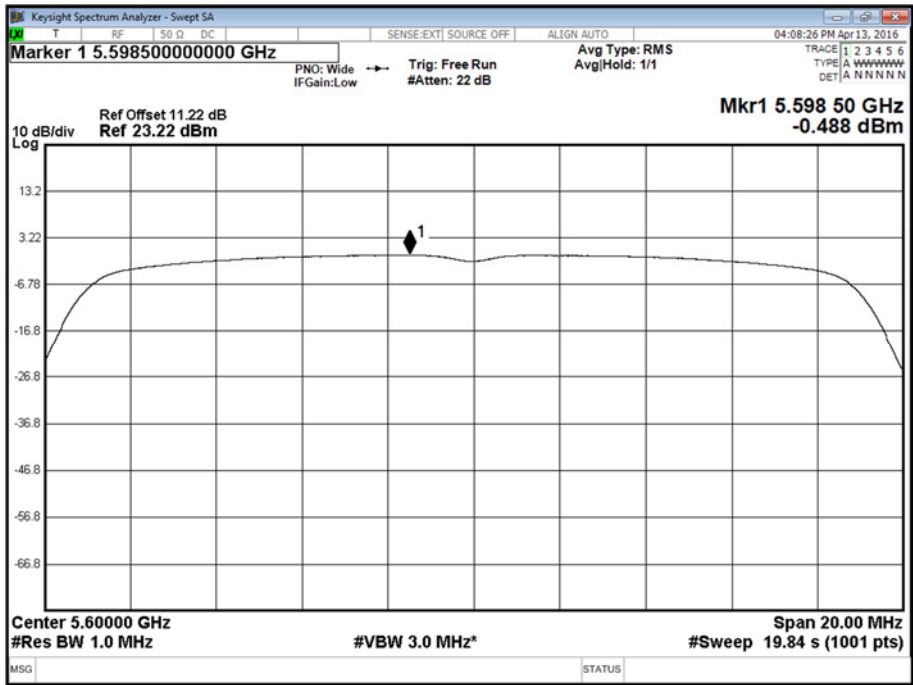
802.11n - 5 GHz 20 MHz Bandwidth, 5600 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5600 MHz BPSK, MCS0, Frequency Band 3, Port B, Peak Power Spectral Density Plot



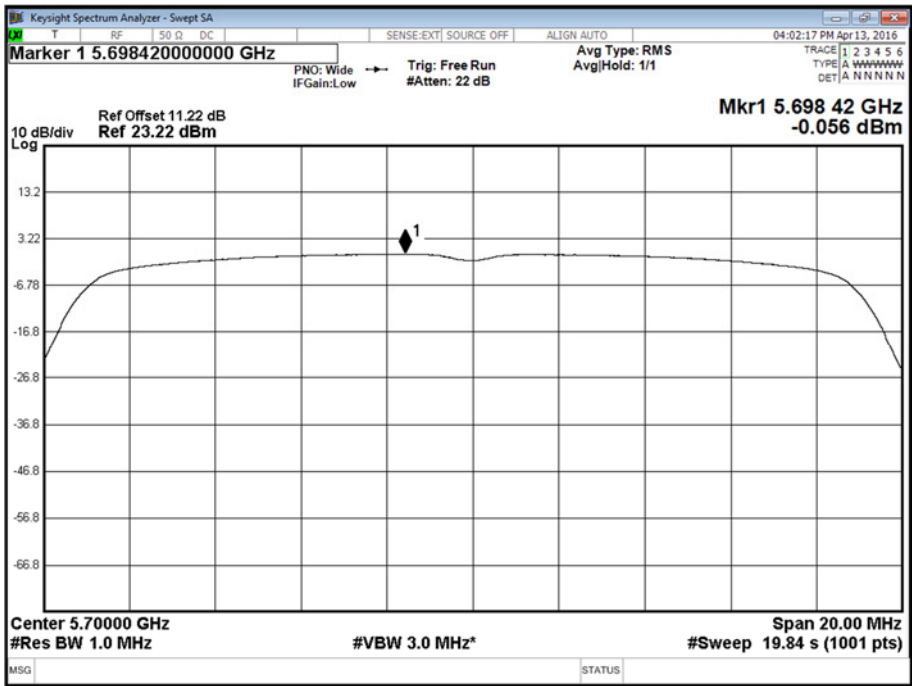


Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5700 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5700 MHz		
dBm		
Port A	Port B	Total Power
-0.056	-0.353	2.944

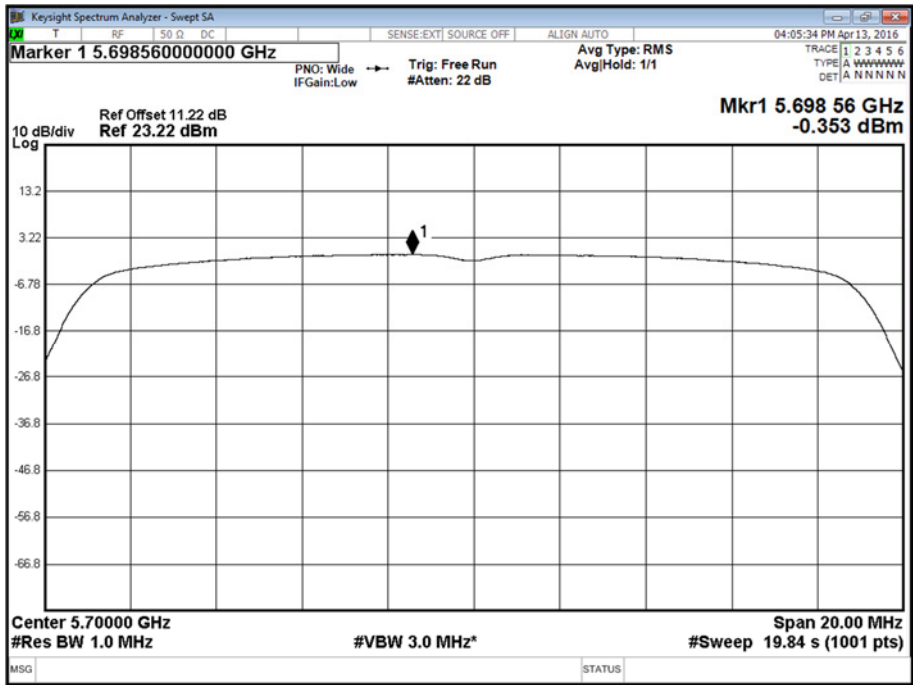
802.11n - 5 GHz 20 MHz Bandwidth, 5700 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 20 MHz Bandwidth, 5700 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot



FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz

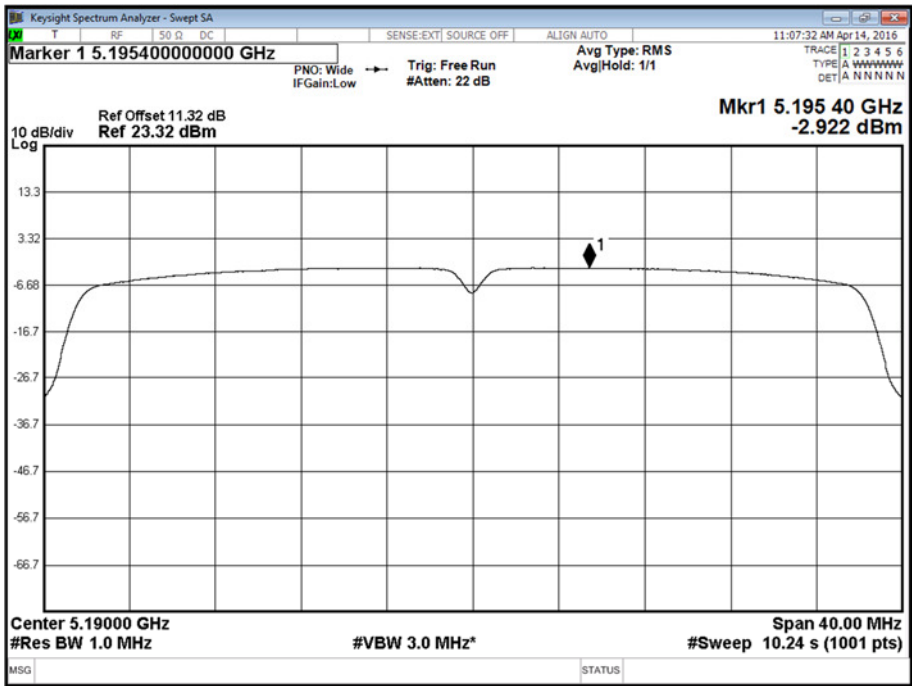


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5190 MHz		
dBm		
Port A	Port B	Total Power
-2.922	-2.565	0.435

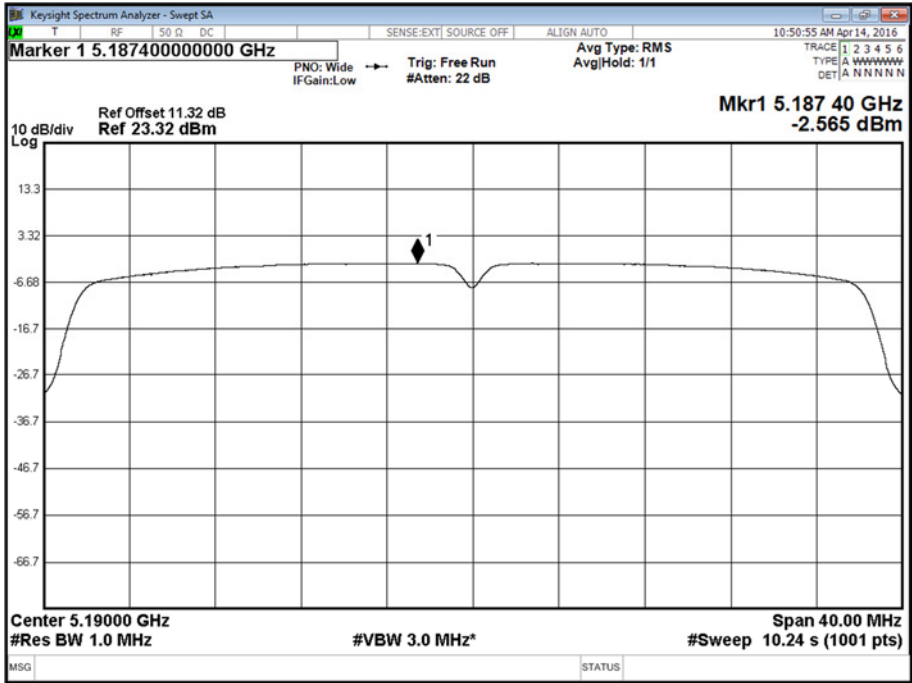
802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5190 MHz, BPSK, MCS0, Frequency Band 1, Port B,
Peak Power Spectral Density Plot



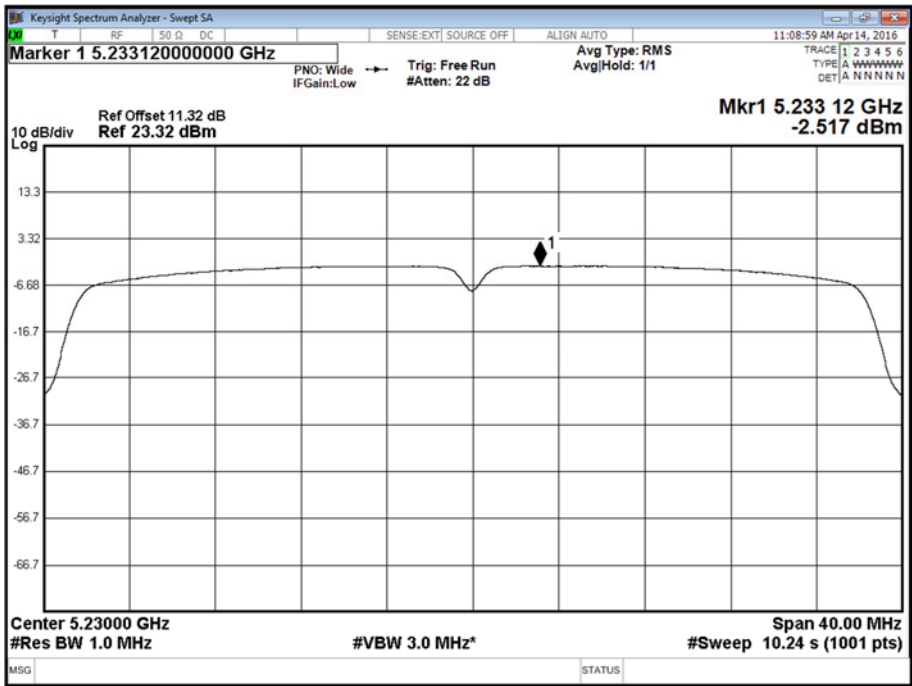


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Results

5230 MHz		
dBm		
Port A	Port B	Total Power
-2.517	-2.608	0.483

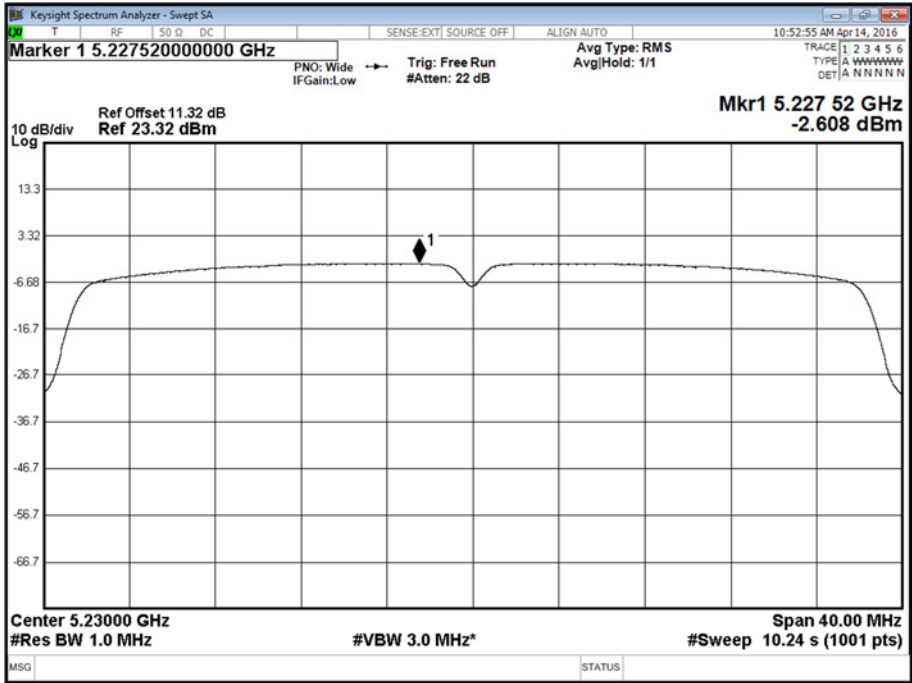
802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5230 MHz, BPSK, MCS0, Frequency Band 1, Peak Power Spectral Density Plot



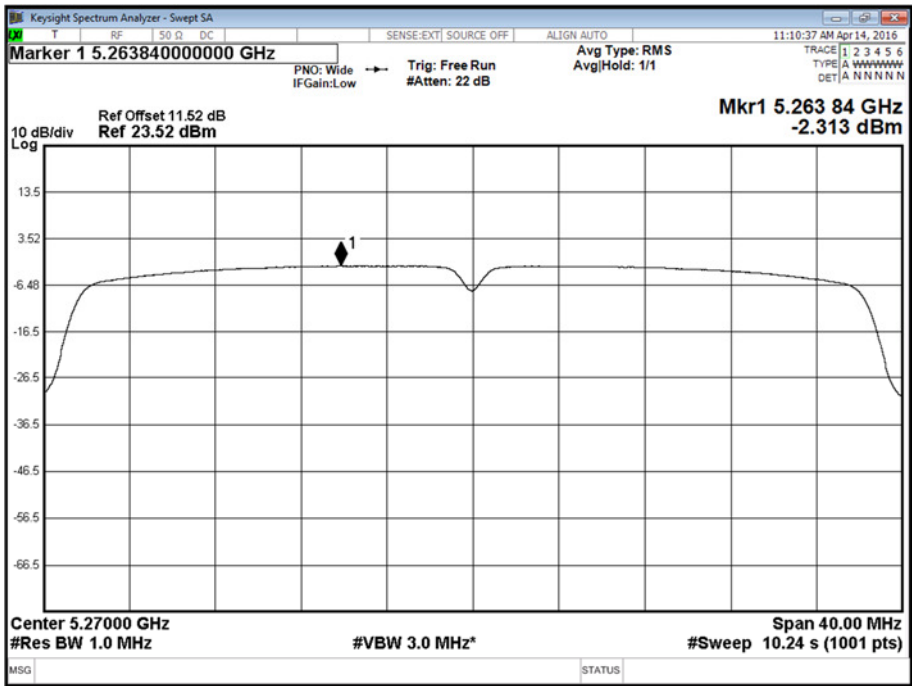


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5270 MHz		
dBm		
Port A	Port B	Total Power
-2.313	-2.258	0.742

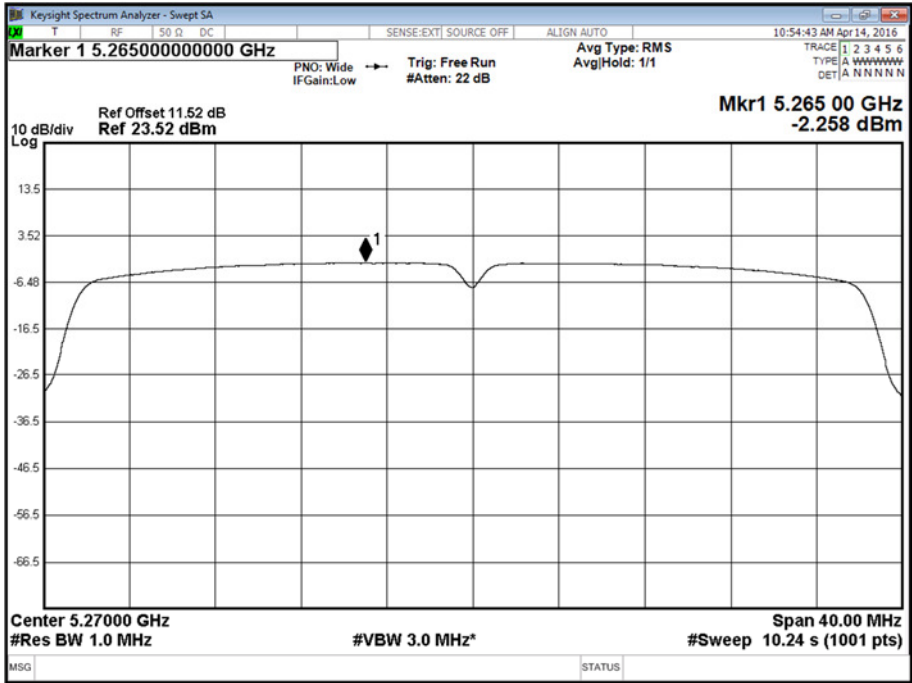
802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5270 MHz, BPSK, MCS0, Frequency Band 2, Port B,
Peak Power Spectral Density Plot



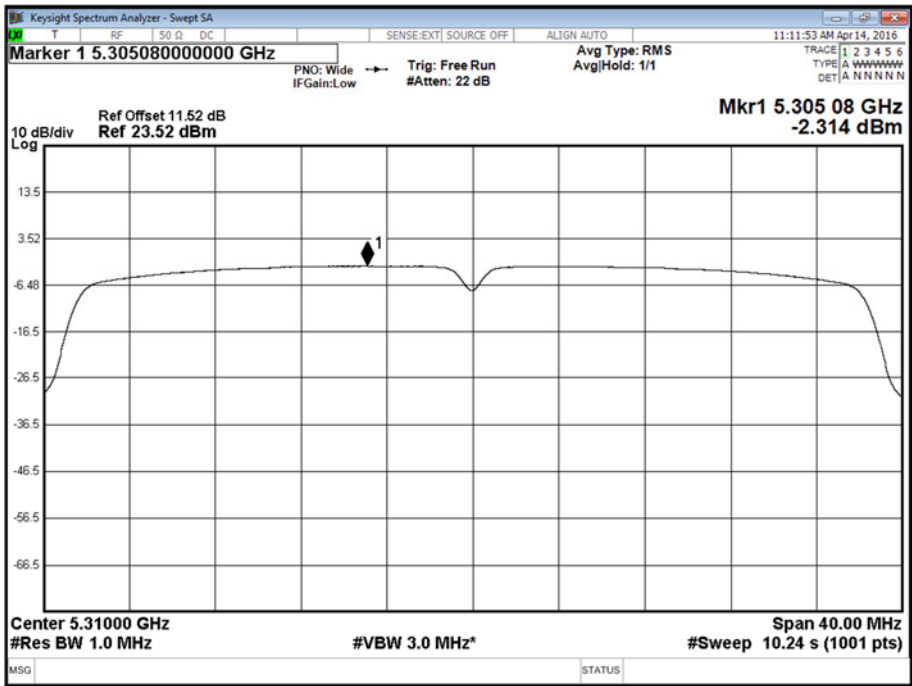


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Results

5310 MHz		
dBm		
Port A	Port B	Total Power
-2.314	-2.402	0.686

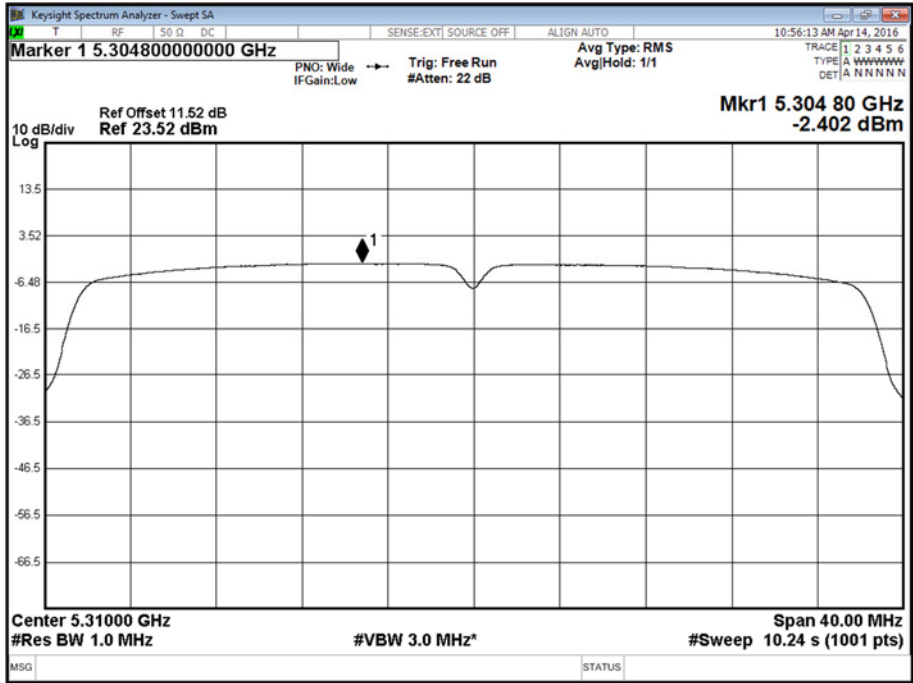
802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5310 MHz, BPSK, MCS0, Frequency Band 2, Peak Power Spectral Density Plot



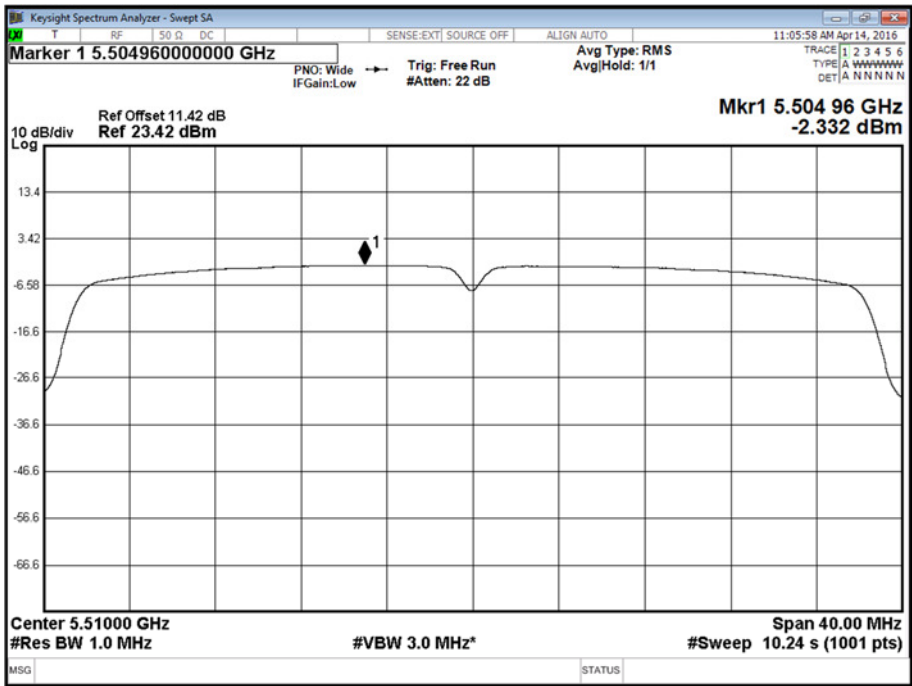


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5510 MHz		
dBm		
Port A	Port B	Total Power
-2.332	-2.561	0.668

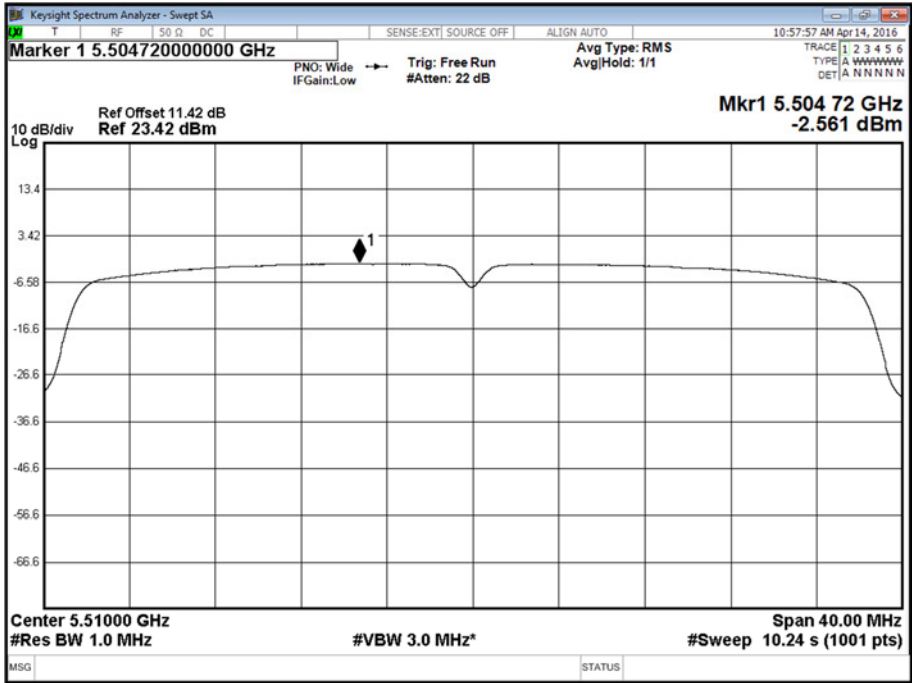
802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5510 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



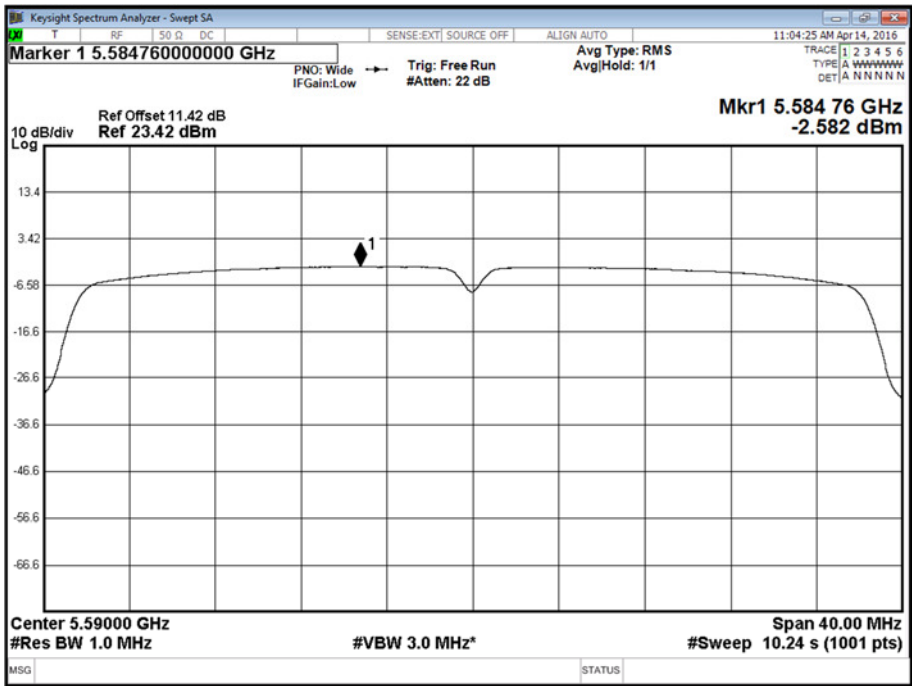


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5590 MHz		
dBm		
Port A	Port B	Total Power
-2.582	-3.092	0.418

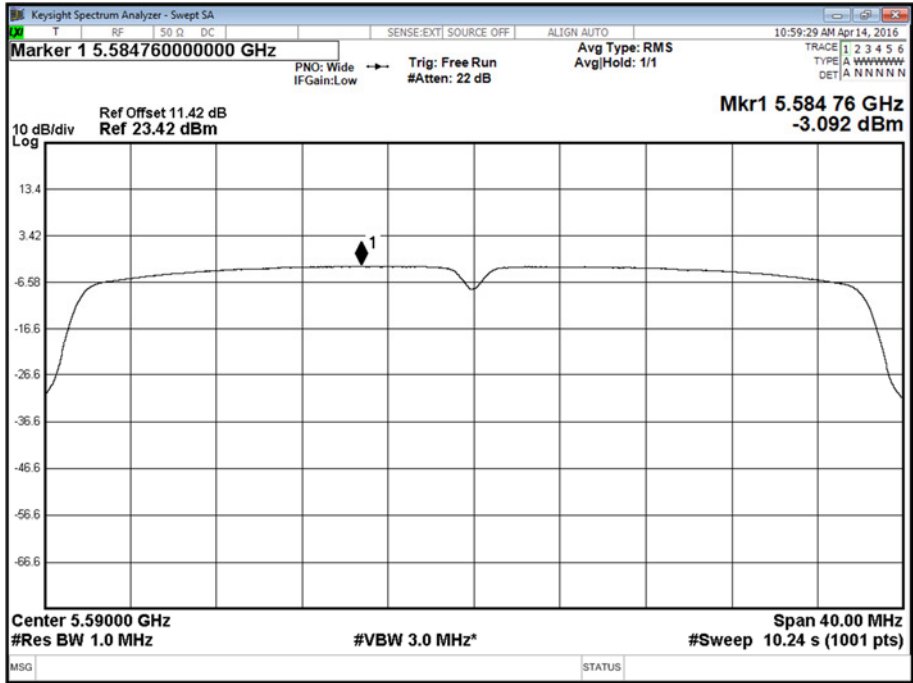
802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Port A, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5590 MHz, BPSK, MCS0, Frequency Band 3, Port B,
Peak Power Spectral Density Plot



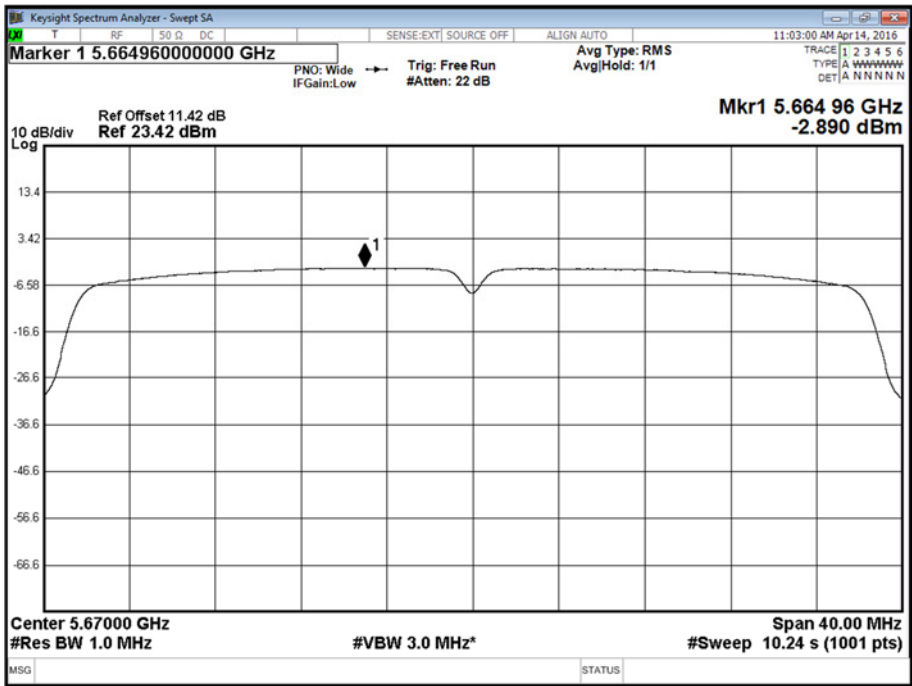


Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Results

5670 MHz		
dBm		
Port A	Port B	Total Power
-2.890	-3.299	0.110

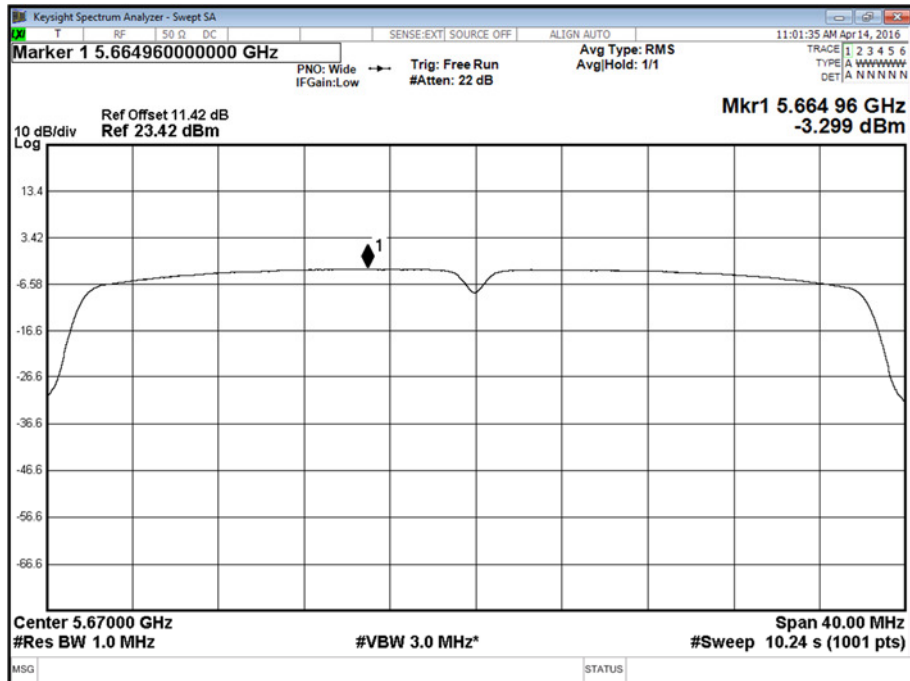
802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot





Product Service

802.11n - 5 GHz 40 MHz Bandwidth, 5670 MHz, BPSK, MCS0, Frequency Band 3, Peak Power Spectral Density Plot



FCC 47 CFR Part 15, Limit Clause 15.407 (a)(1)(2)(3)

Frequency Band (MHz)	Limit
5150 to 5250	≤11 dBm / MHz
5250 to 5350	≤11 dBm / MHz
5470 to 5725	≤11 dBm / MHz
5725 to 5825	≤30 dBm / 500 kHz



Product Service

2.5 SPURIOUS RADIATED EMISSIONS**2.5.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (b), 15.205 and 15.209

2.5.2 Equipment Under Test and Modification State

S/N: IMEI 004401115723831 - Modification State 0

2.5.3 Date of Test

4 April 2016, 5 April 2016, 6 April 2016, 7 April 2016 & 10 April 2016

2.5.4 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.5.5 Test Procedure

Testing was performed in accordance with ANSI C63.10, Clause 12.7.

Remarks

Average measurements were performed in accordance with ANSI C63.10, Clause 12.7.7.3

Testing was performed in the bandwidth/data rate resulting in the highest conducted output power per mode of operation.

2.5.6 Environmental Conditions

Ambient Temperature	20.0 - 20.5°C
Relative Humidity	26.0 - 36.0%



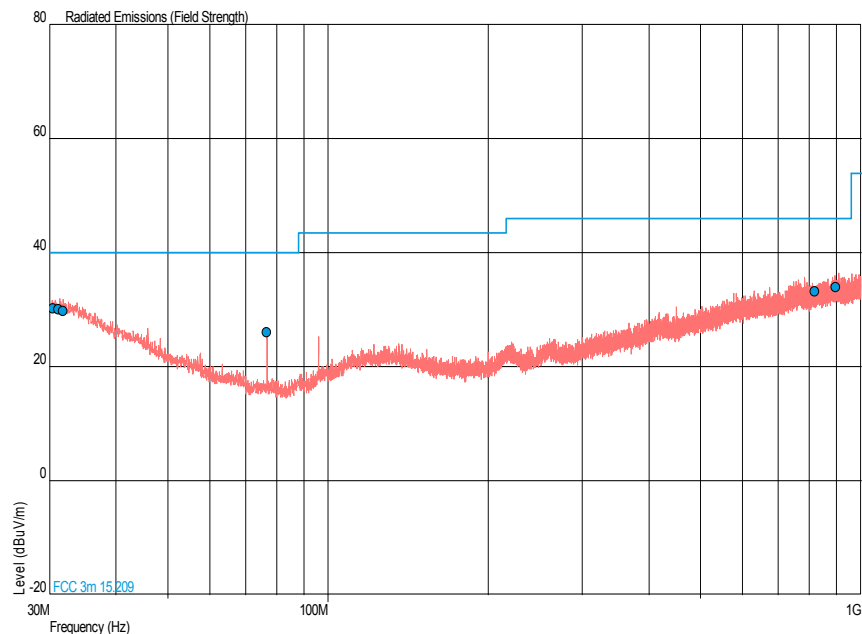
2.5.7 Test Results

4.0 V DC Supply

802.11a, 5180 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	QP Level (dB μ V/m)	QP Margin (dB μ V/m)	QP Level (μ V/m)	QP Margin (μ V/m)	Angle (°)	Height (m)	Polarisation
30.434	30.2	-9.8	32.4	-67.6	49	1.00	Vertical
31.136	30.1	-9.9	32.0	-68.0	213	1.00	Vertical
31.840	29.8	-10.2	30.9	-69.1	0	3.43	Vertical
76.798	26.0	-14.0	20.0	-80.0	261	1.00	Vertical
817.625	33.2	-12.8	45.7	-154.3	175	1.00	Vertical
897.106	34.0	-12.0	50.1	-149.9	144	1.00	Vertical

802.11a, 5180 MHz, 6 Mbps, 30 MHz to 1 GHz, Frequency Band 1, Spurious Radiated Emissions Plot





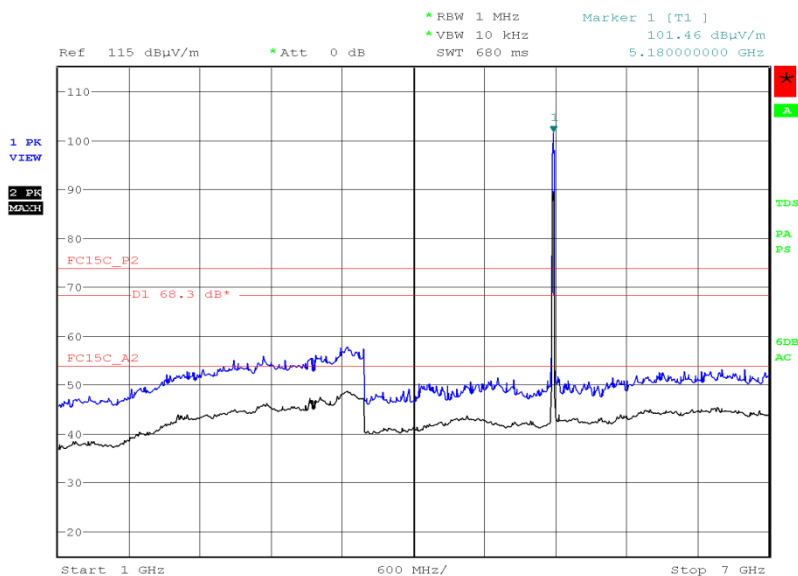
Product Service

802.11a, 5180 MHz, 6 Mbps, 1 GHz to 40 GHz, Frequency Band 1, Spurious Radiated Emissions Results

Frequency (MHz)	Final Peak (dBµV/m)	Final Average (dBµV/m)	Final Peak (µV/m)	Final Average (µV/m)	Angle (°)	Height (m)	Polarisation
*							

*No emissions were detected within 10 dB of the limit.

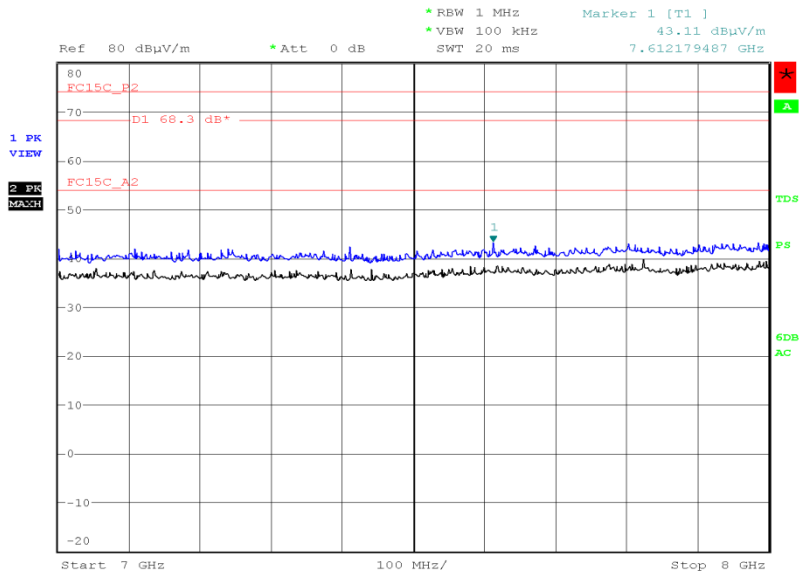
802.11a, 5180 MHz, 6 Mbps, 1 GHz to 7 GHz, Frequency Band 1, Spurious Radiated Emissions Plot





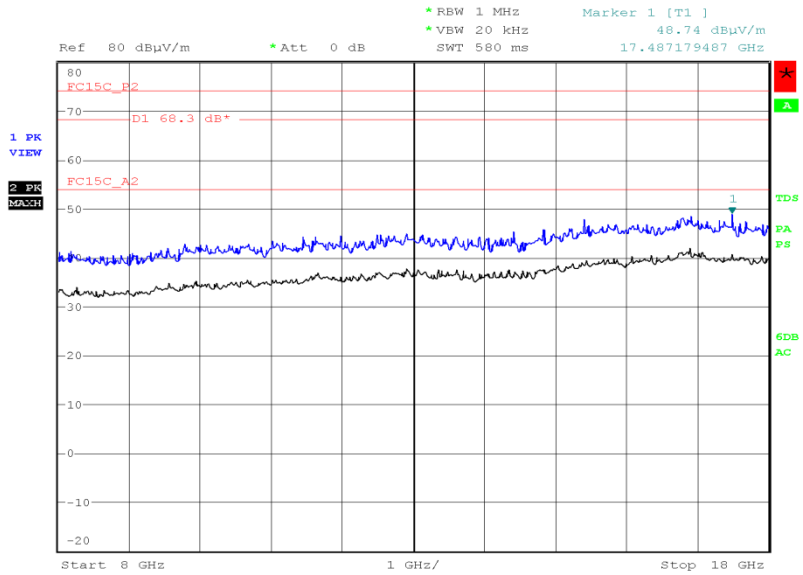
Product Service

802.11a, 5180 MHz, 6 Mbps, 7 GHz to 8 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 21:47:37

802.11a, 5180 MHz, 6 Mbps, 8 GHz to 18 GHz, Frequency Band 1, Spurious Radiated Emissions Plot



Date: 5.APR.2016 23:15:13