



香港商立德國際商品試驗有限公司桃園分公司

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

20dB bandwidth test report
for FCC ID:U2M-ZF7731



香港商立德國際商品試驗有限公司桃園分公司

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

For Internal antenna

20dB bandwidth

802.11a

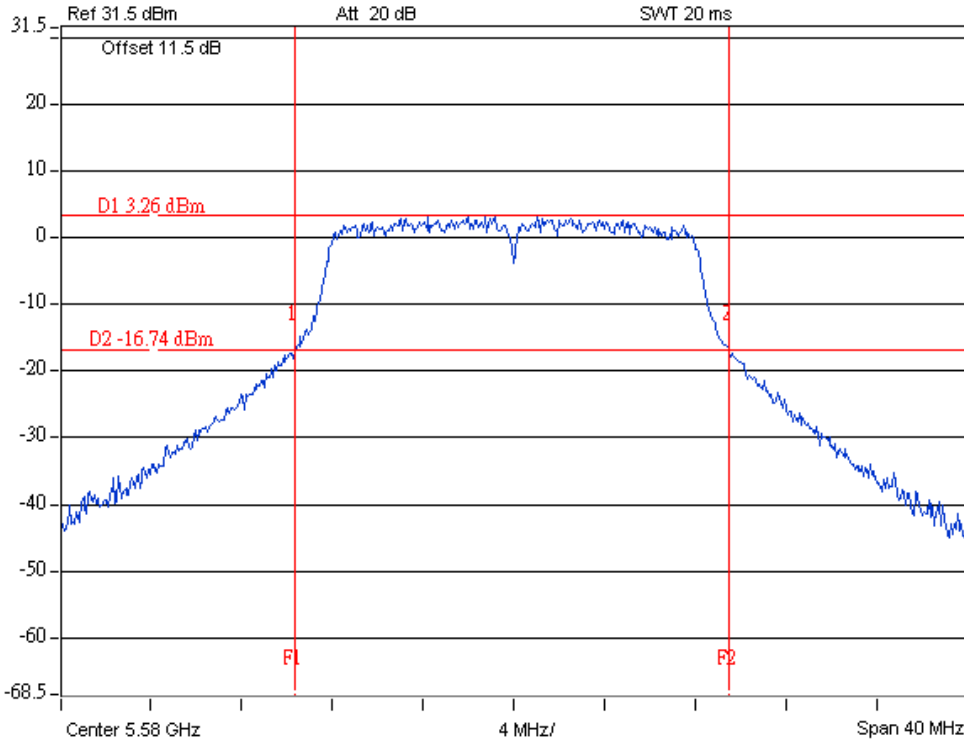
TX chain : 0

Frequency : 5580MHz

Right edge = 5570.3 + 19.19 = 5589.49 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -16.74 dBm
5.57030 GHz
Delta 2 [T1] 0.00 dB
19.19 MHz



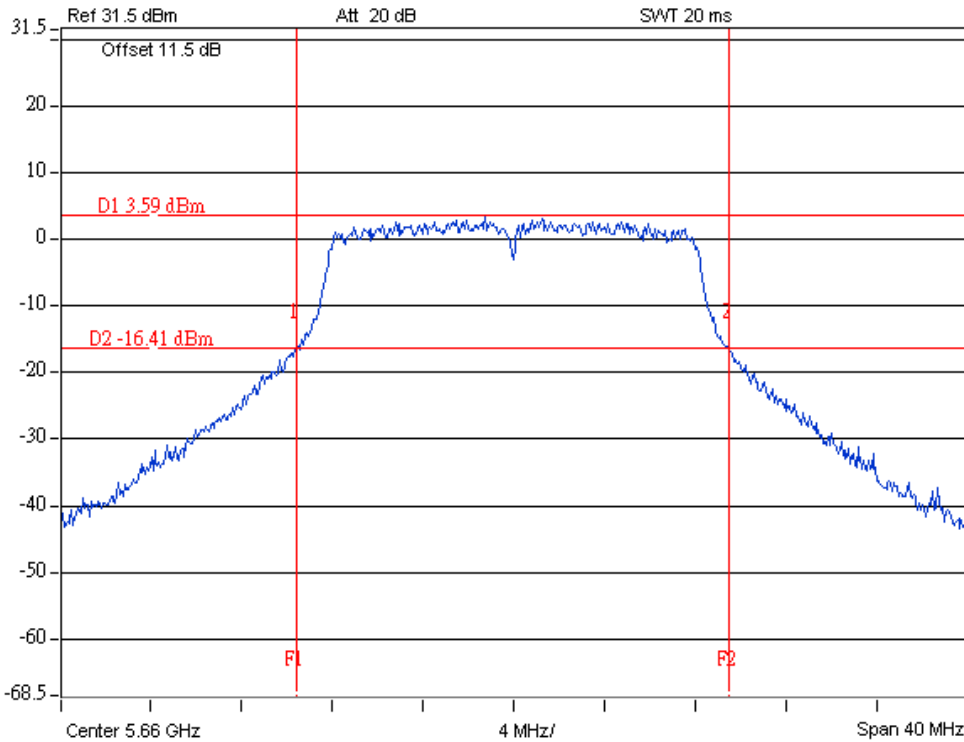
A D T

Frequency : 5660MHz

Left edge = 5650.35 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -16.41 dBm
5.65035 GHz
Delta 2 [T1] 0.00 dB
19.15 MHz



A D T

20dB bandwidth

802.11a

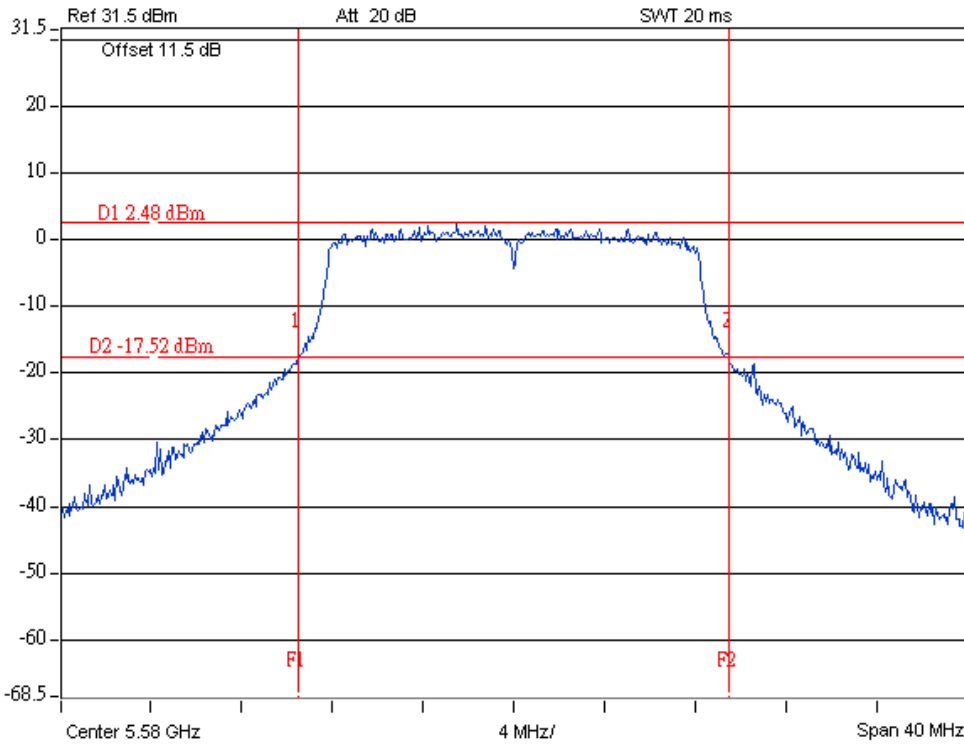
TX chain : 1

Frequency : 5580MHz

Right edge = 5570.45 + 19.03 = 5589.48 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -17.52 dBm
5.57045 GHz
Delta 2 [T1] 0.00 dB
19.03 MHz

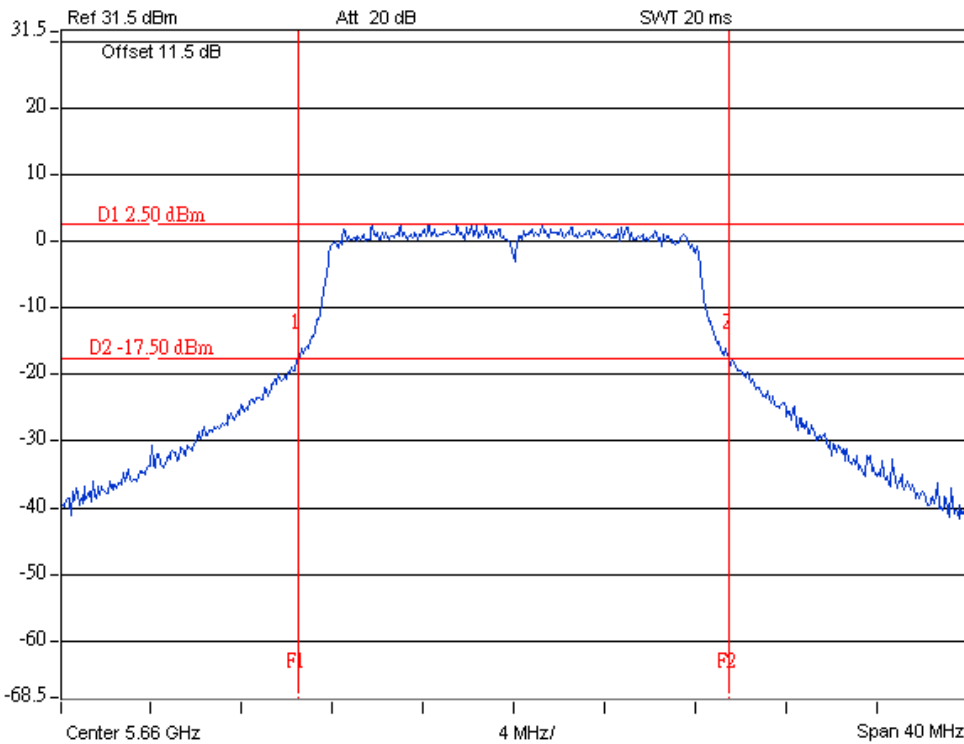


Frequency : 5660MHz

Left edge = 5650.44 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -17.50 dBm
5.65044 GHz
Delta 2 [T1] 0.00 dB
19.05 MHz



20dB bandwidth

802.11an 20MHz

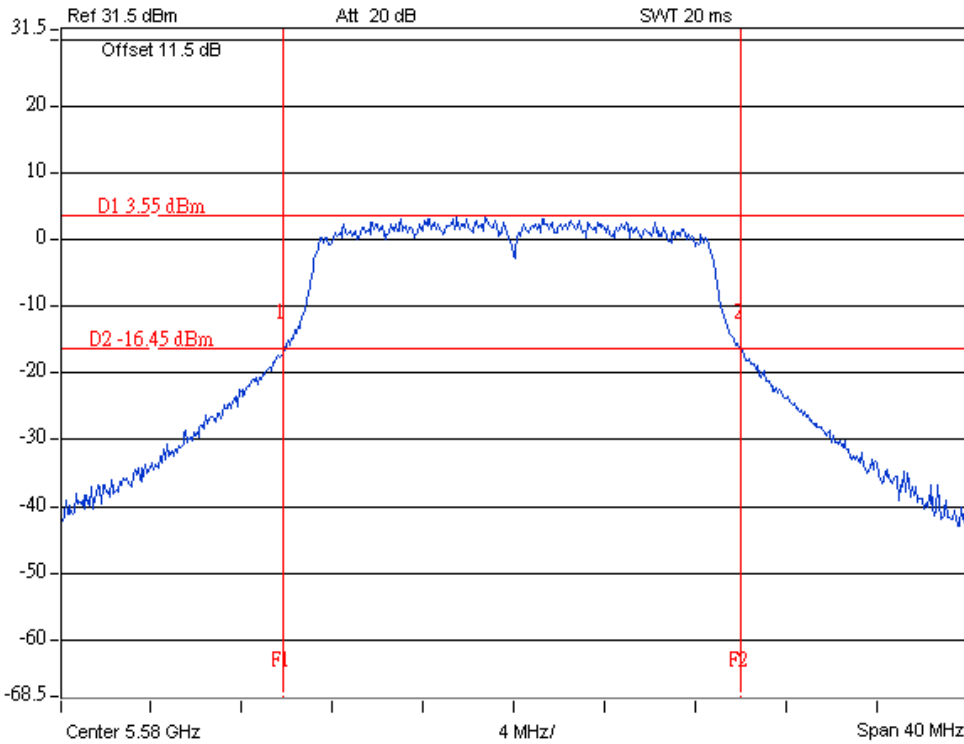
TX chain : 0

Frequency : 5580MHz

Right edge = 5569.78 + 20.25 = 5590.03 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -16.45 dBm
5.56978 GHz
Delta 2 [T1] 0.00 dB
20.25 MHz



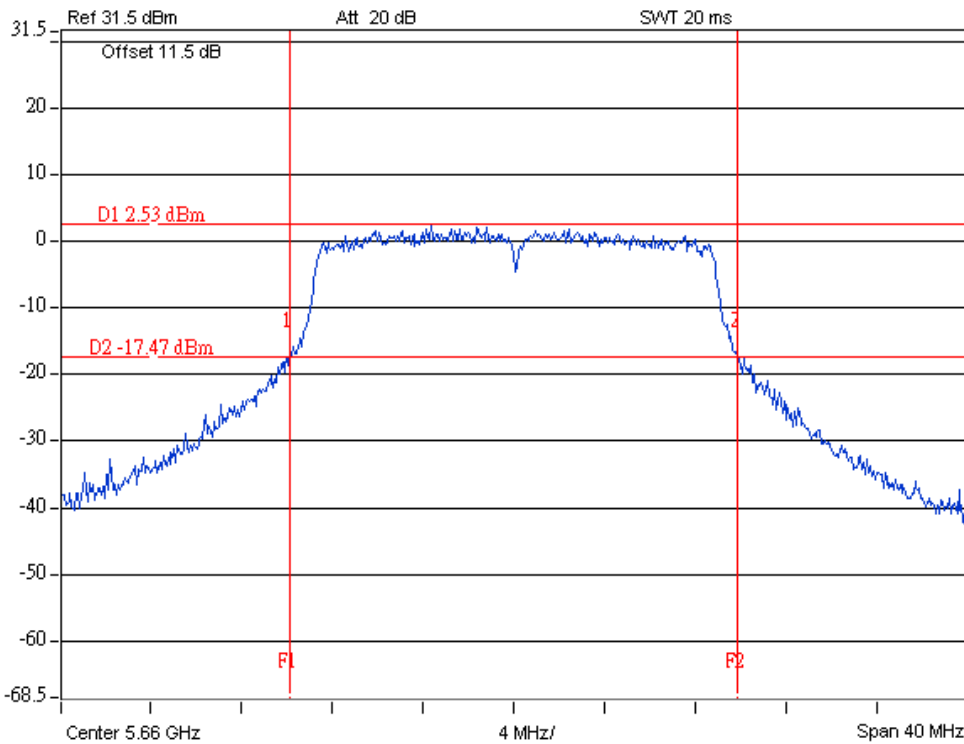
A D T

Frequency : 5660MHz

Left edge = 5650.03 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -17.47 dBm
5.65003 GHz
Delta 2 [T1] 0.00 dB
19.87 MHz



A D T

20dB bandwidth

802.11an 20MHz

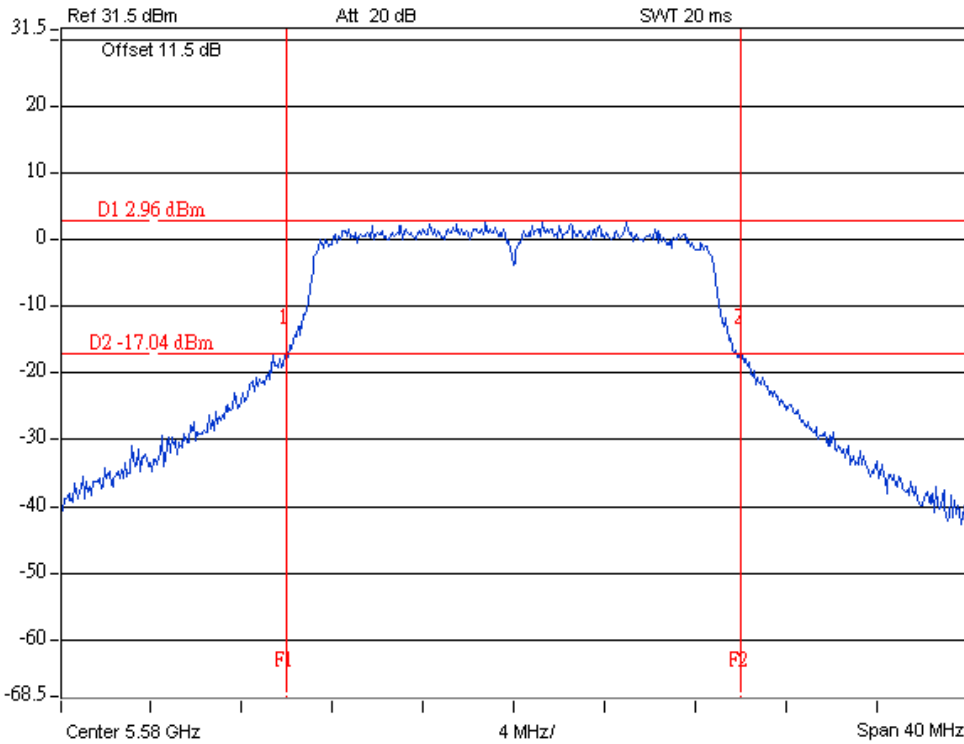
TX chain : 1

Frequency : 5580MHz

Right edge = 5569.92 + 20.11 = 5590.03 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -17.04 dBm
5.56992 GHz
Delta 2 [T1] 0.00 dB
20.11 MHz

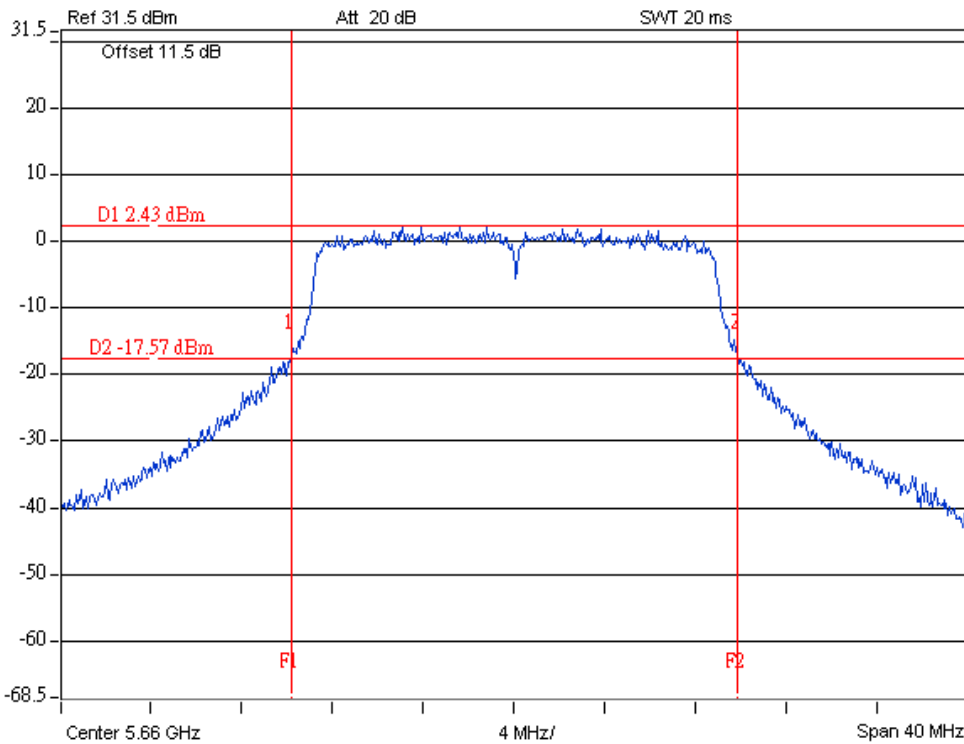


Frequency : 5660MHz

Left edge = 5650.14 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -17.57 dBm
5.65014 GHz
Delta 2 [T1] 0.00 dB
19.76 MHz



20dB bandwidth

802.11an 40MHz

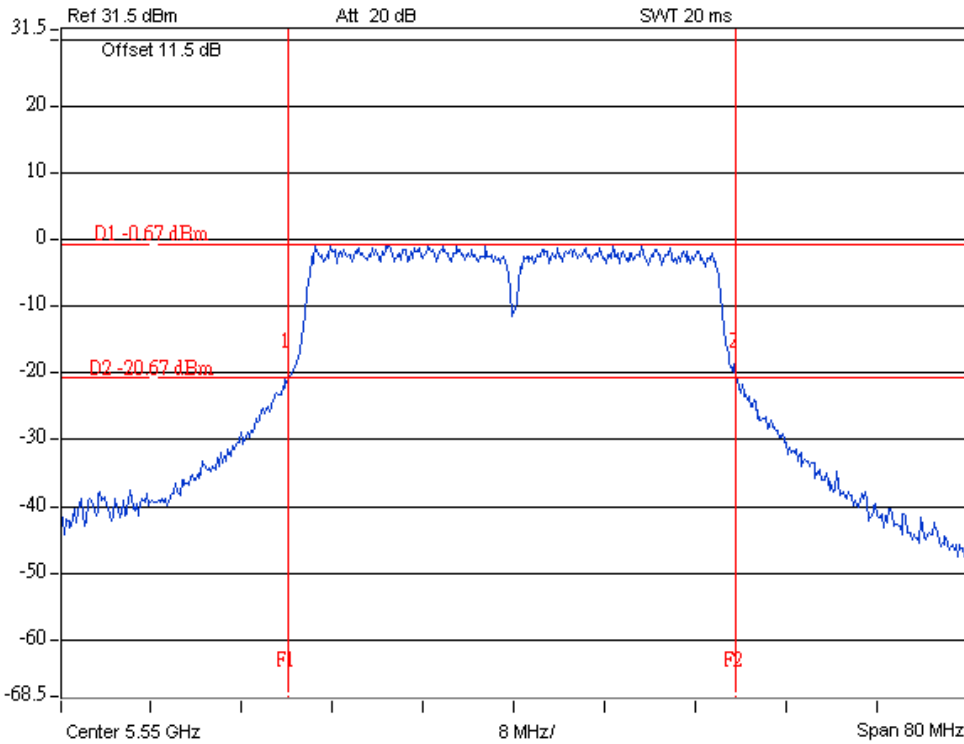
TX chain : 0

Frequency : 5550MHz

Right edge = 5530 + 39.57 = 5569.57 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -20.67 dBm
5.53000 GHz
Delta 2 [T1] 0.00 dB
39.57 MHz

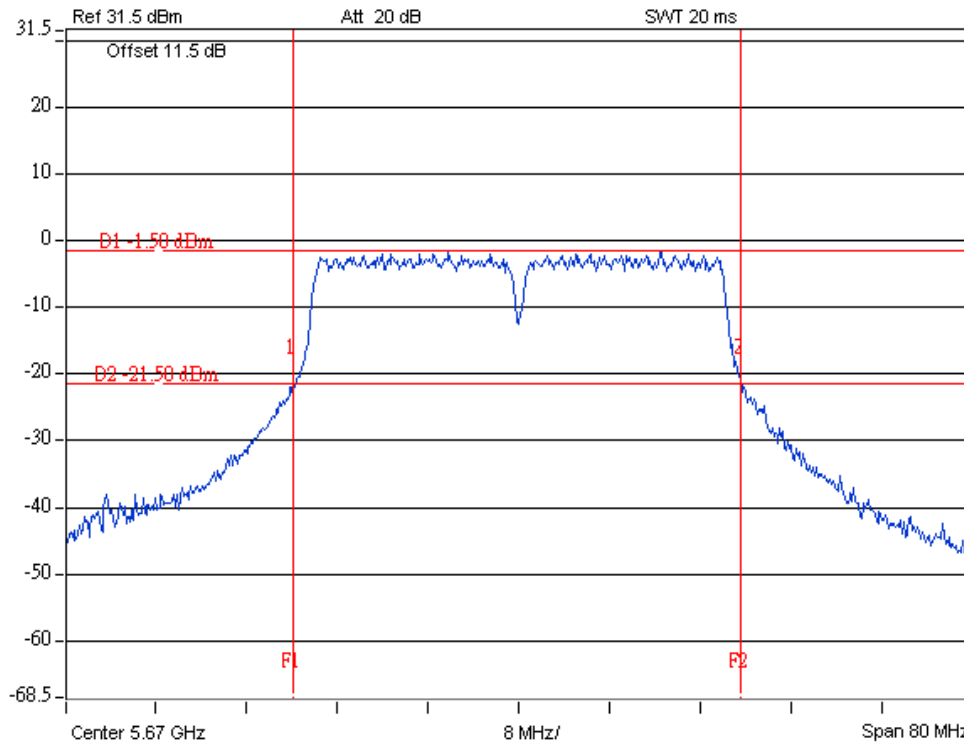


Frequency : 5670MHz

Left edge = 5650.04 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -21.50 dBm
5.65004 GHz
Delta 2 [T1] 0.00 dB
39.69 MHz



20dB bandwidth

802.11an 40MHz

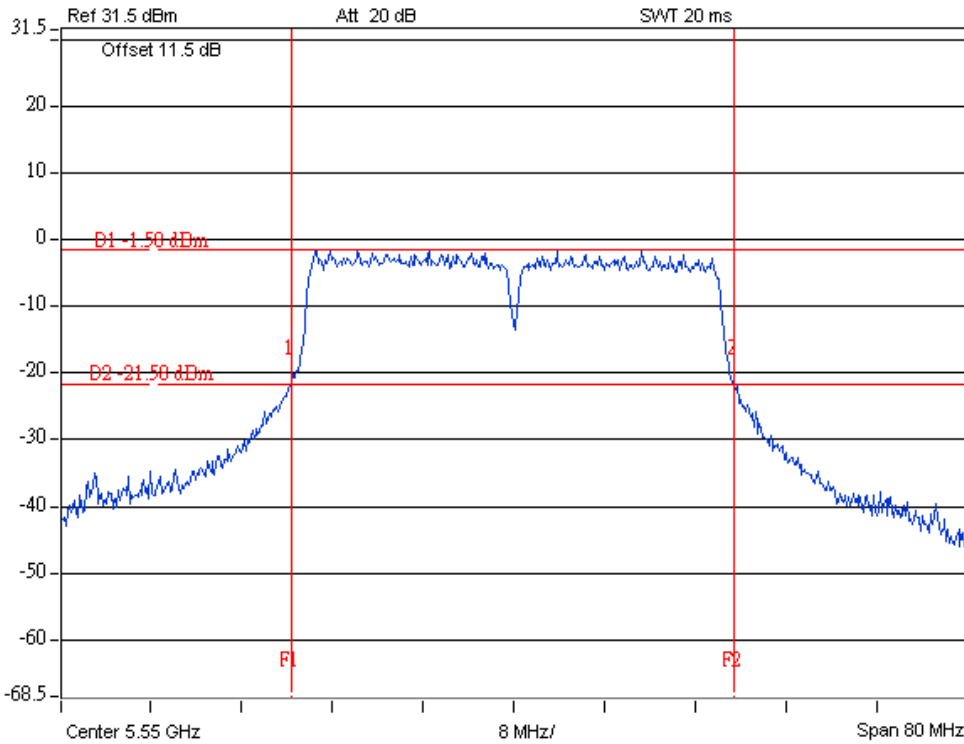
TX chain : 1

Frequency : 5550MHz

Right edge = 5530.28 + 39.21 = 5569.49 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -21.58 dBm
5.53028 GHz
Delta 2 [T1] 0.00 dB
39.21 MHz



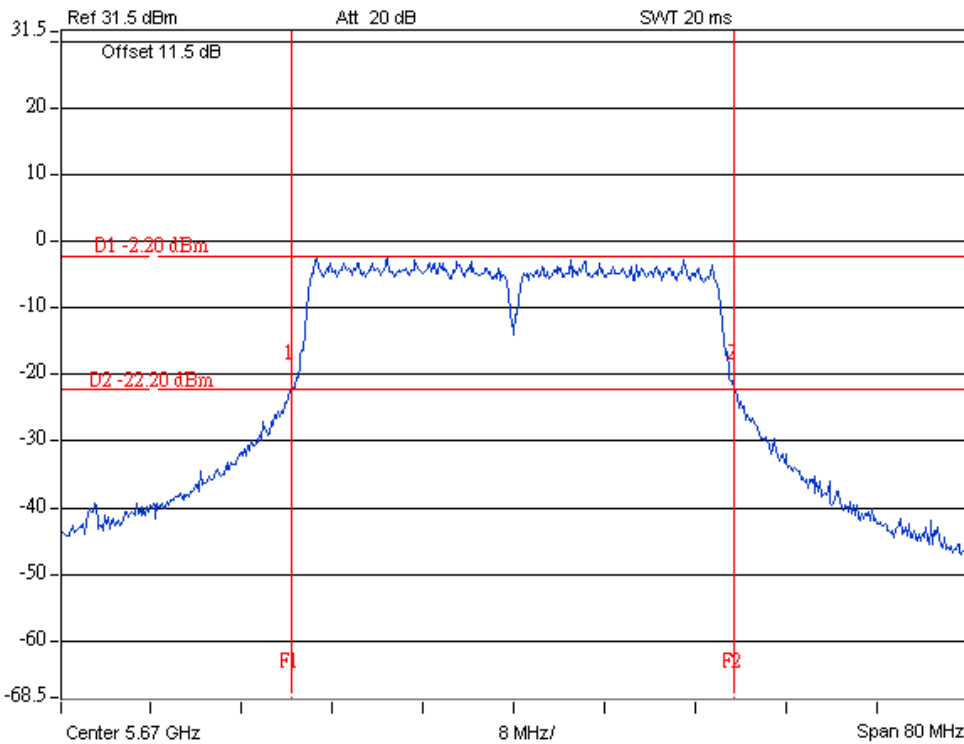
A D T

Frequency : 5670MHz

Left edge = 5650.31 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -22.20 dBm
5.65031 GHz
Delta 2 [T1] 0.00 dB
39.15 MHz



A D T



香港商立德國際商品試驗有限公司桃園分公司

Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

For External antenna

20dB bandwidth

802.11a

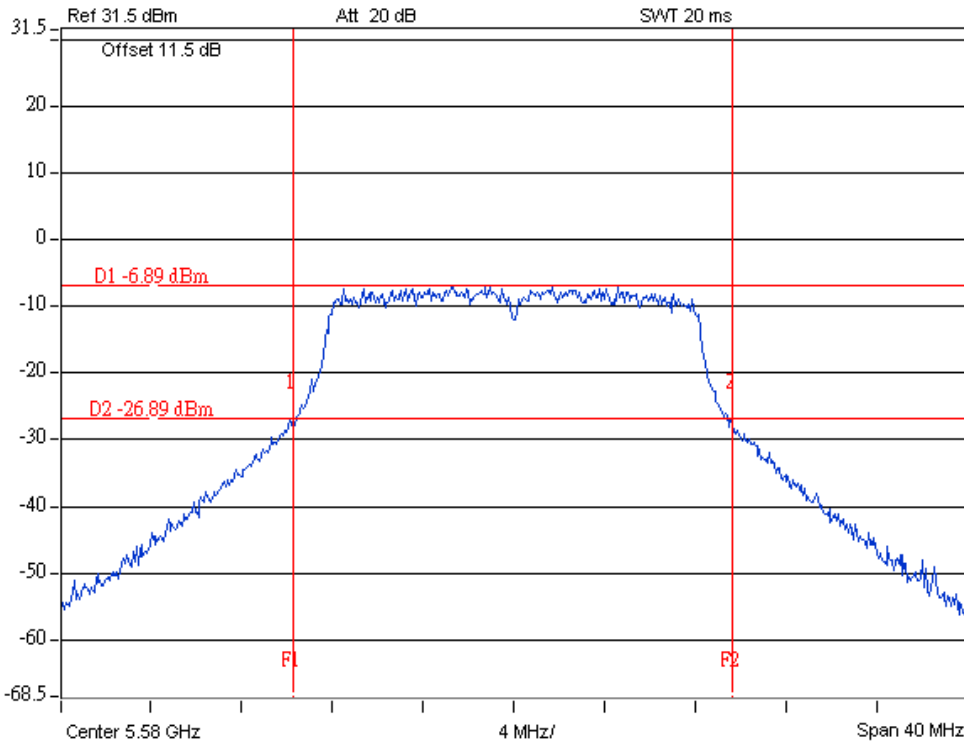
TX chain : 0

Frequency : 5580MHz

Right edge = 5570.19 + 19.42 = 5589.61 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -26.89 dBm
5.57019 GHz
Delta 2 [T1] 0.00 dB
19.42 MHz



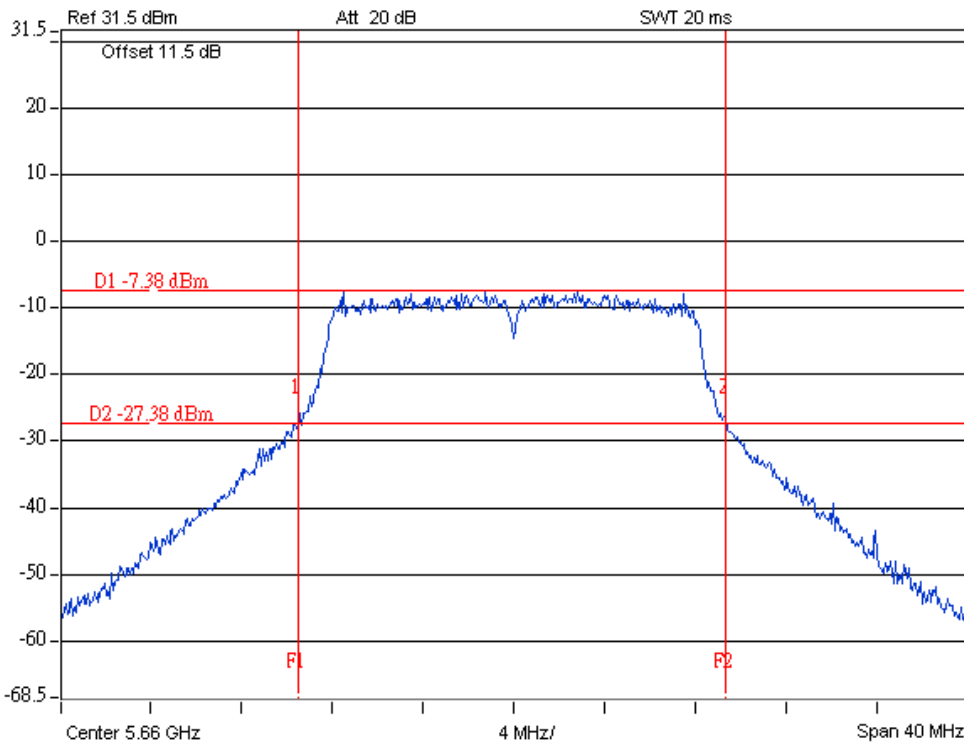
A D T

Frequency : 5660MHz

Left edge = 5650.41 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -27.38 dBm
5.65041 GHz
Delta 2 [T1] 0.00 dB
18.96 MHz



A D T

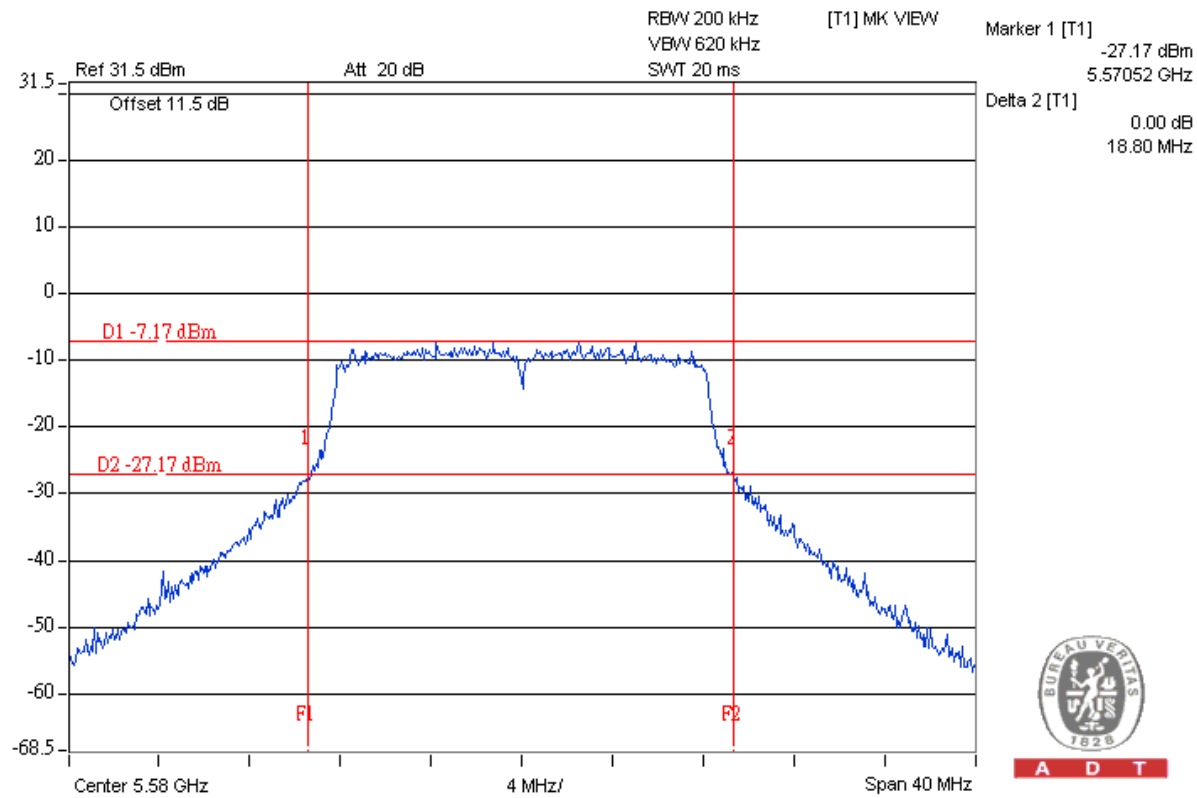
20dB bandwidth

802.11a

TX chain : 1

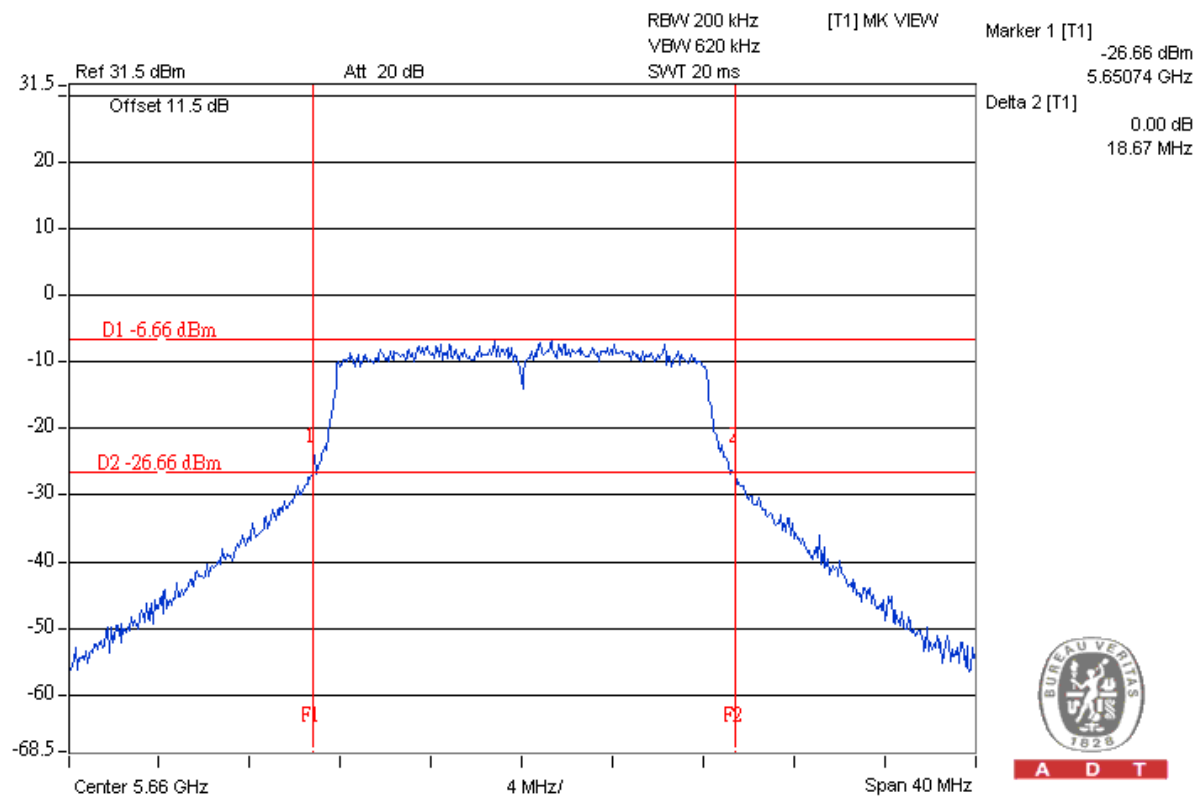
Frequency : 5580MHz

Right edge = 5570.52 + 18.8 = 5589.32 < 5600MHz



Frequency : 5660MHz

Left edge = 5650.74 >5650 MHz



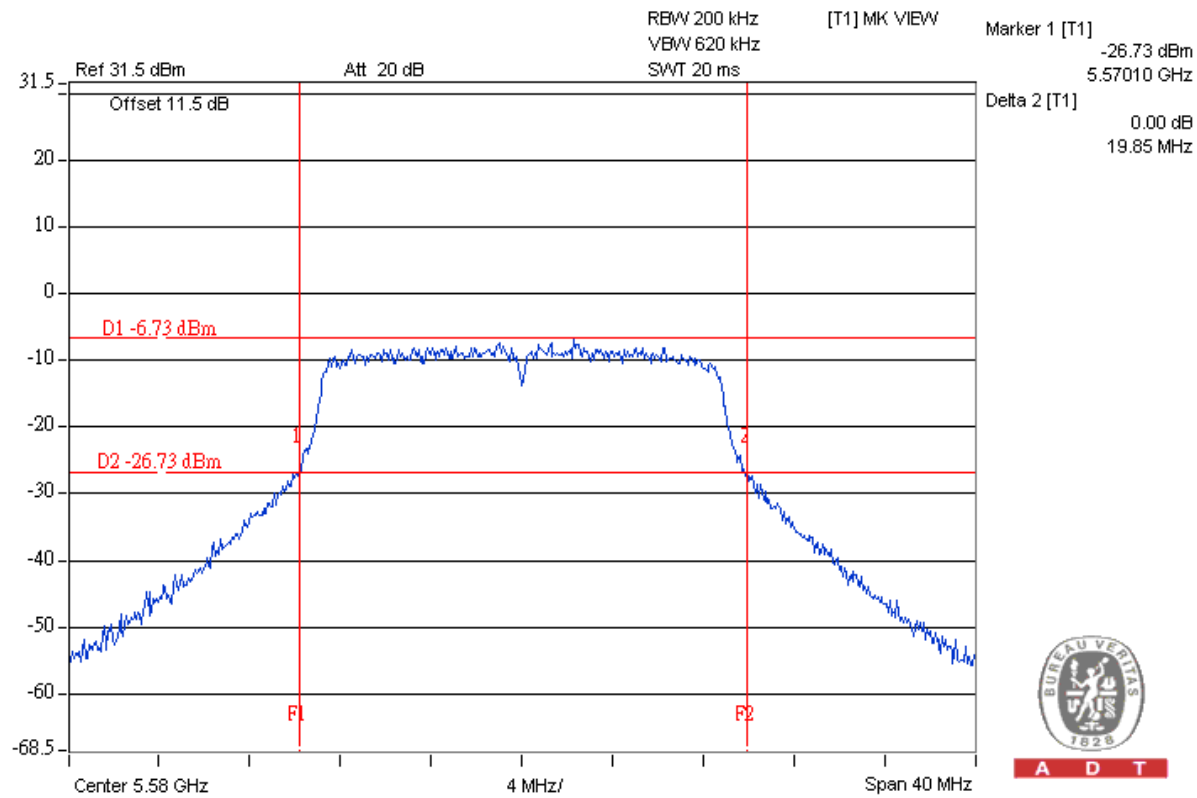
20dB bandwidth

802.11an 20MHz

TX chain : 0

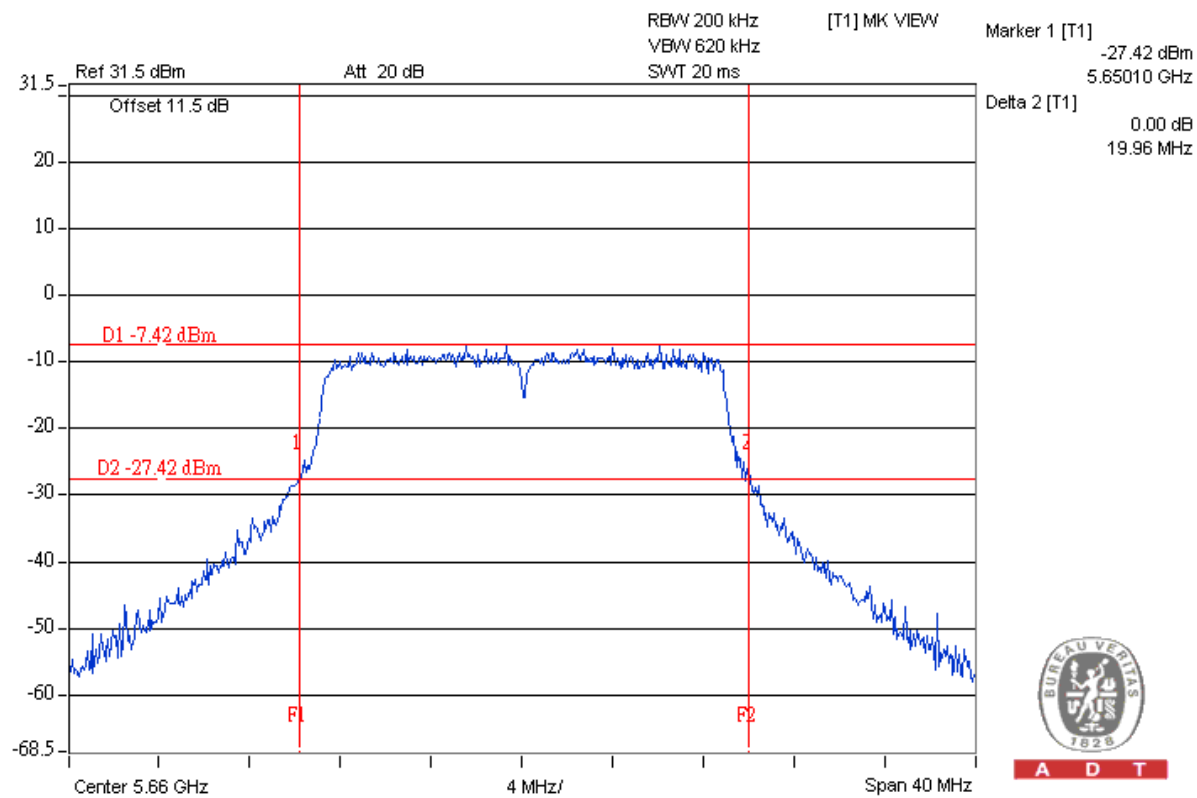
Frequency : 5580MHz

Right edge = 5570.1 + 19.85 = 5589.95 < 5600MHz



Frequency : 5660MHz

Left edge = 5650.1 >5650 MHz



20dB bandwidth

802.11an 20MHz

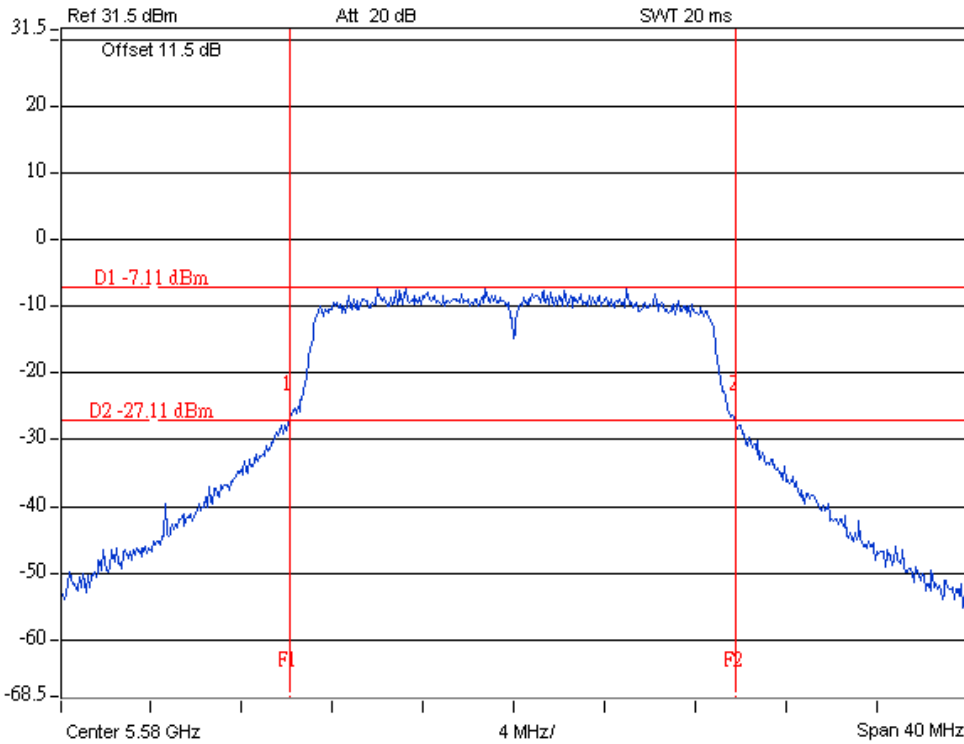
TX chain : 1

Frequency : 5580MHz

Right edge = 5570.03 + 19.73 = 5589.76 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -27.11 dBm
5.57003 GHz
Delta 2 [T1] 0.00 dB
19.73 MHz



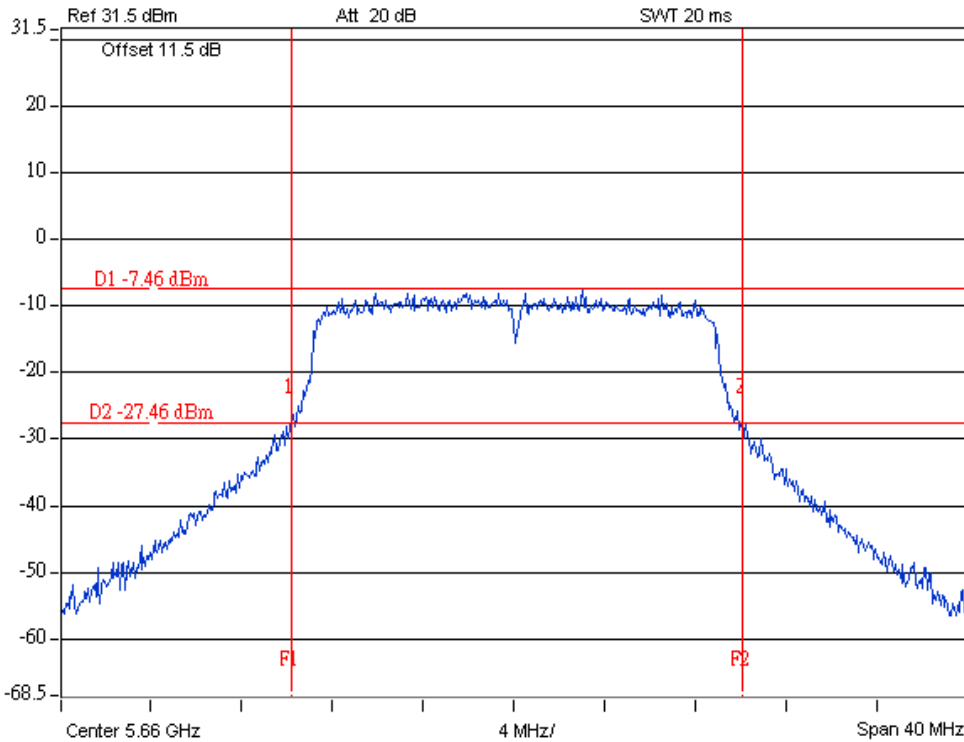
A D T

Frequency : 5660MHz

Left edge = 5650.14 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -27.46 dBm
5.65014 GHz
Delta 2 [T1] 0.00 dB
19.94 MHz



A D T

20dB bandwidth

802.11an 40MHz

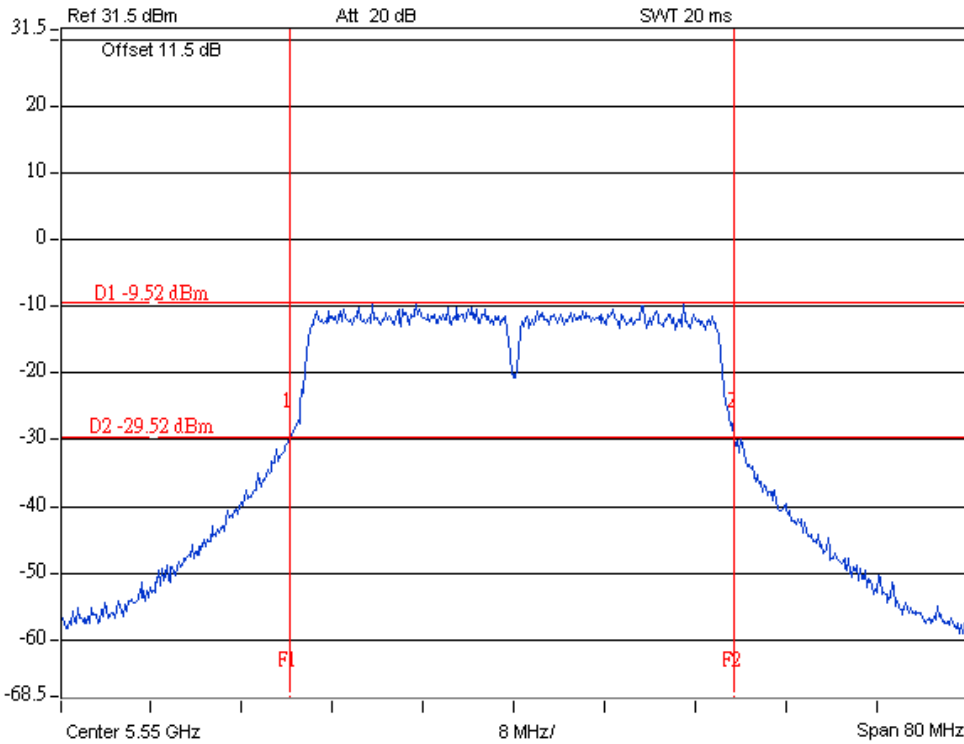
TX chain : 0

Frequency : 5550MHz

Right edge = 5530.17 + 39.29 = 5569.46 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -29.52 dBm
5.53017 GHz
Delta 2 [T1] 0.00 dB
39.29 MHz

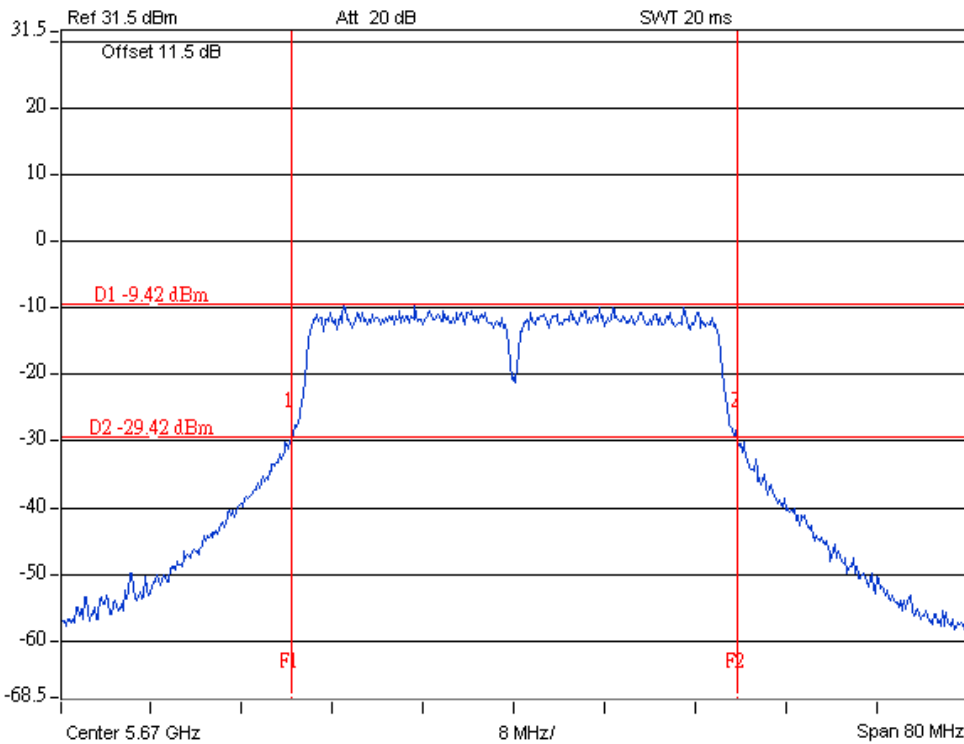


Frequency : 5670MHz

Left edge = 5650.32 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -29.42 dBm
5.65032 GHz
Delta 2 [T1] 0.00 dB
39.38 MHz



20dB bandwidth

802.11an 40MHz

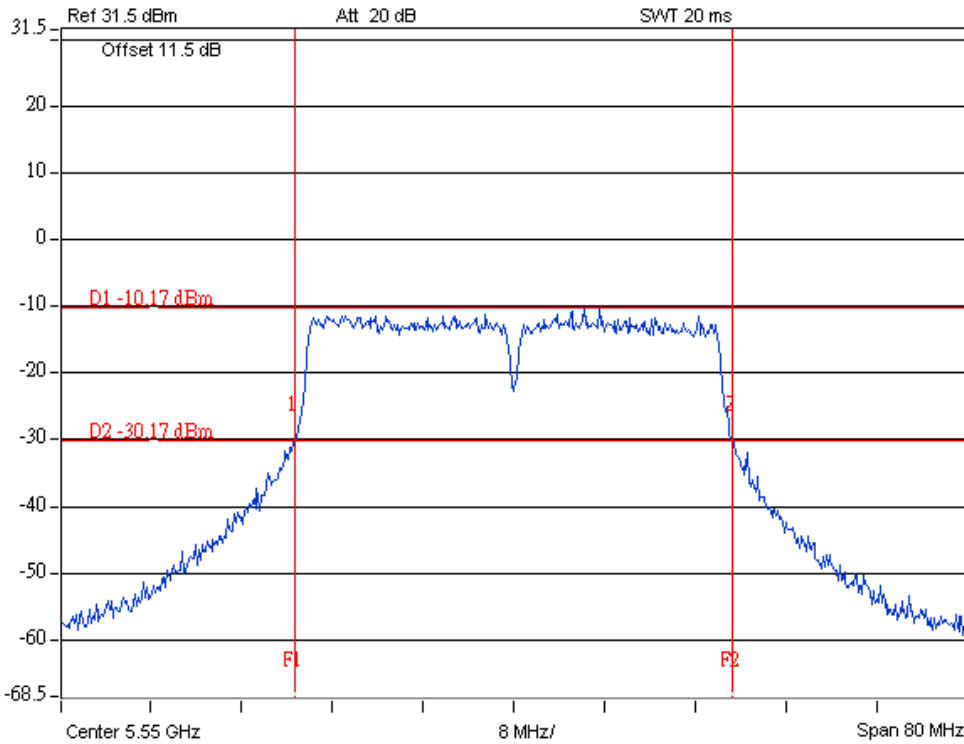
TX chain : 1

Frequency : 5550MHz

Right edge = 5530.49 + 38.78 = 5569.27 < 5600MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -30.17 dBm
5.53049 GHz
Delta 2 [T1] 0.00 dB
38.78 MHz



Frequency : 5670MHz

Left edge = 5650.33 >5650 MHz

RBW 200 kHz
VBW 620 kHz
SWT 20 ms
[T1] MK VIEW

Marker 1 [T1] -29.64 dBm
5.65033 GHz
Delta 2 [T1] 0.00 dB
39.15 MHz

