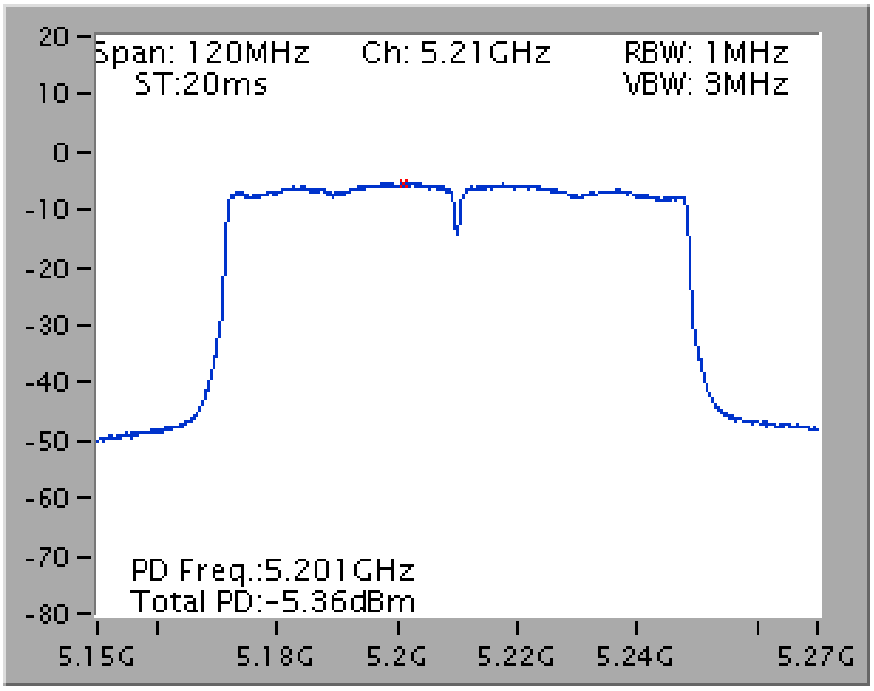
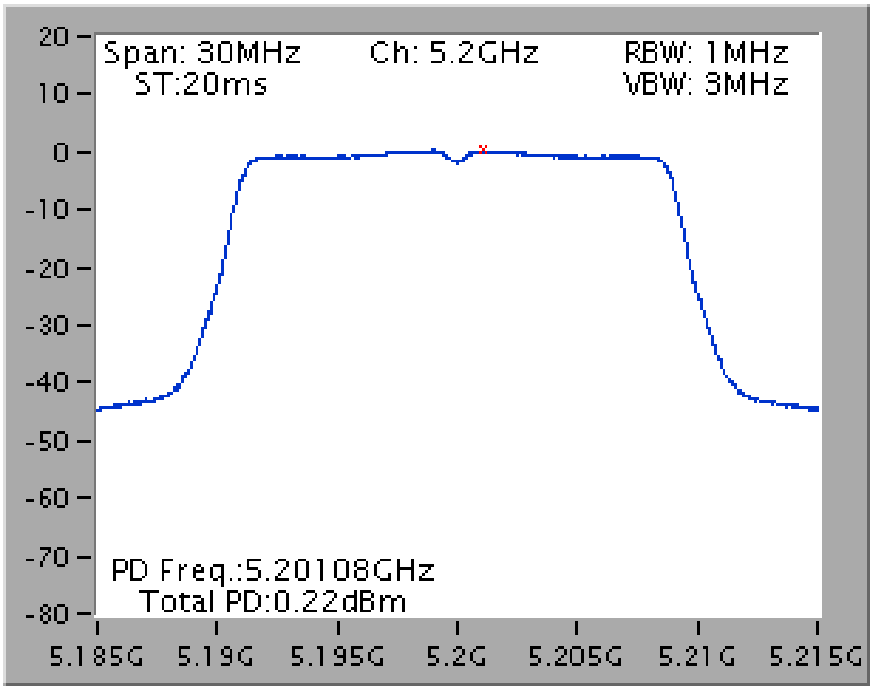
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5210 MHz

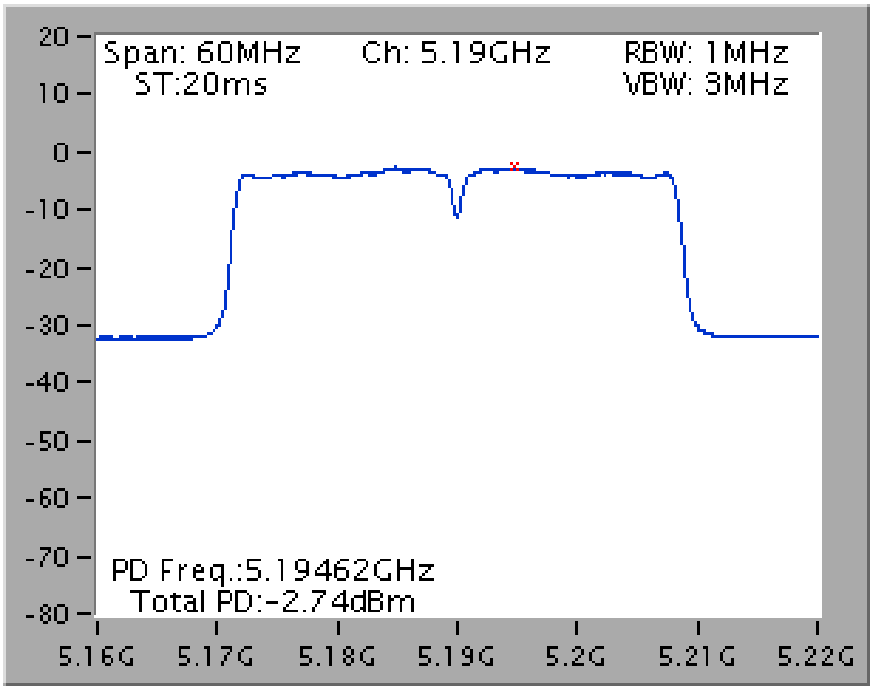


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

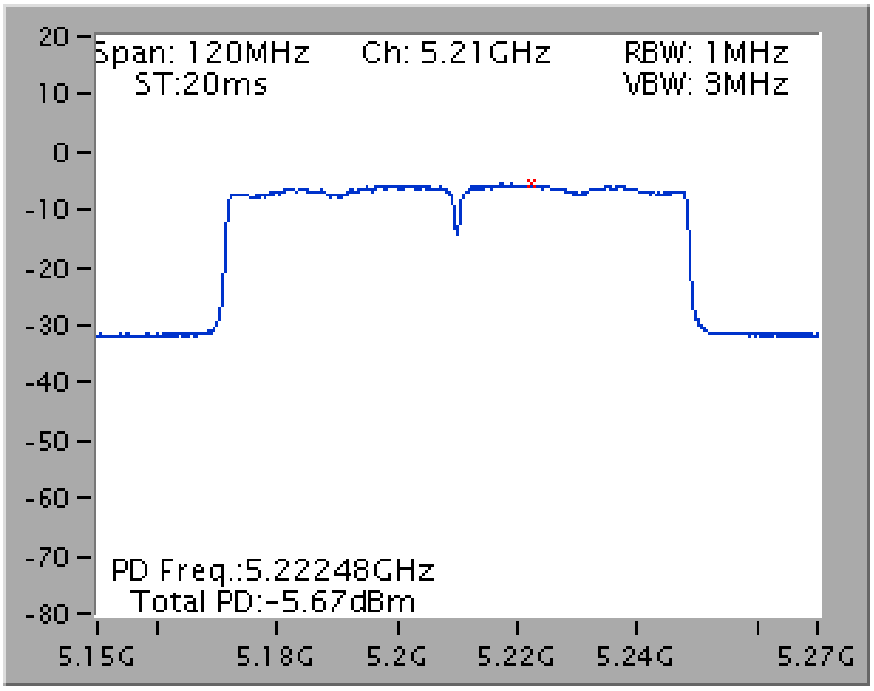
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

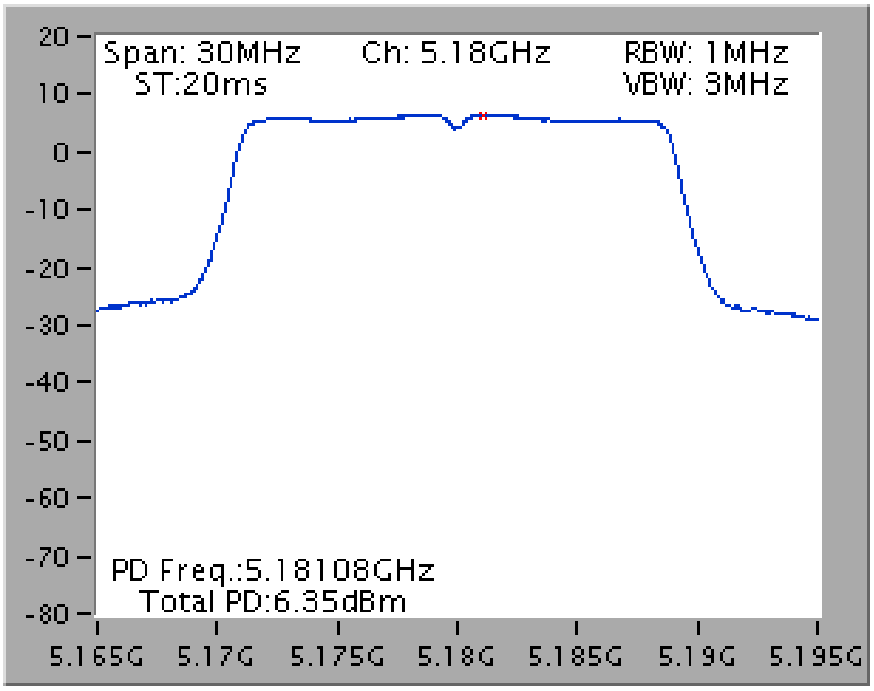


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

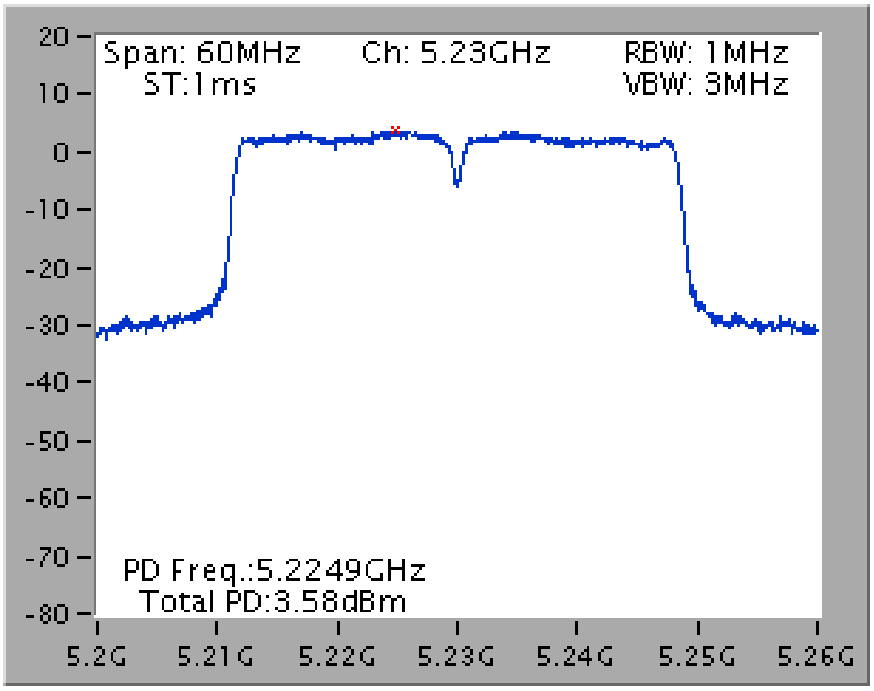


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 1TX)

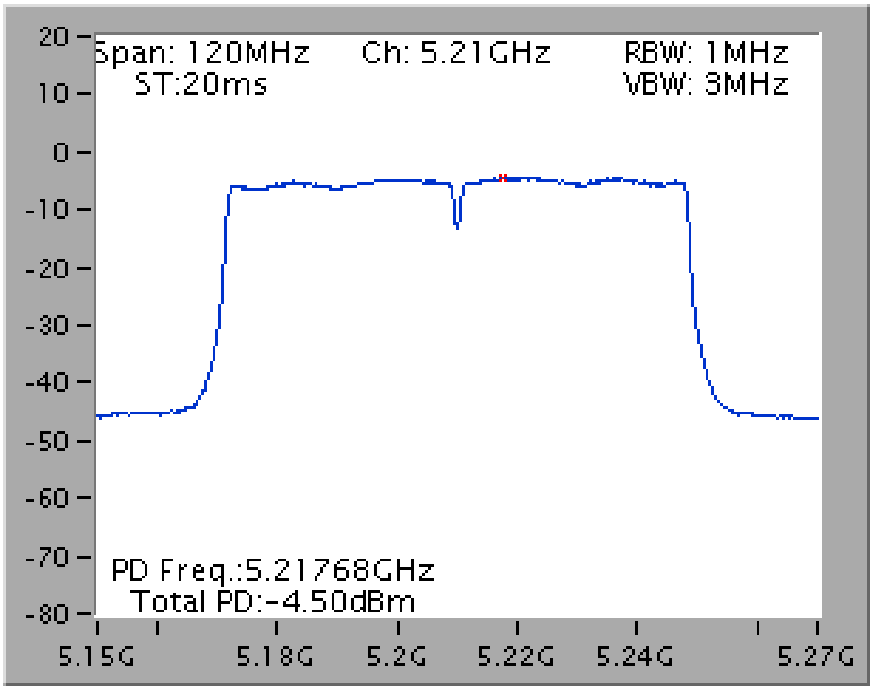
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5230 MHz

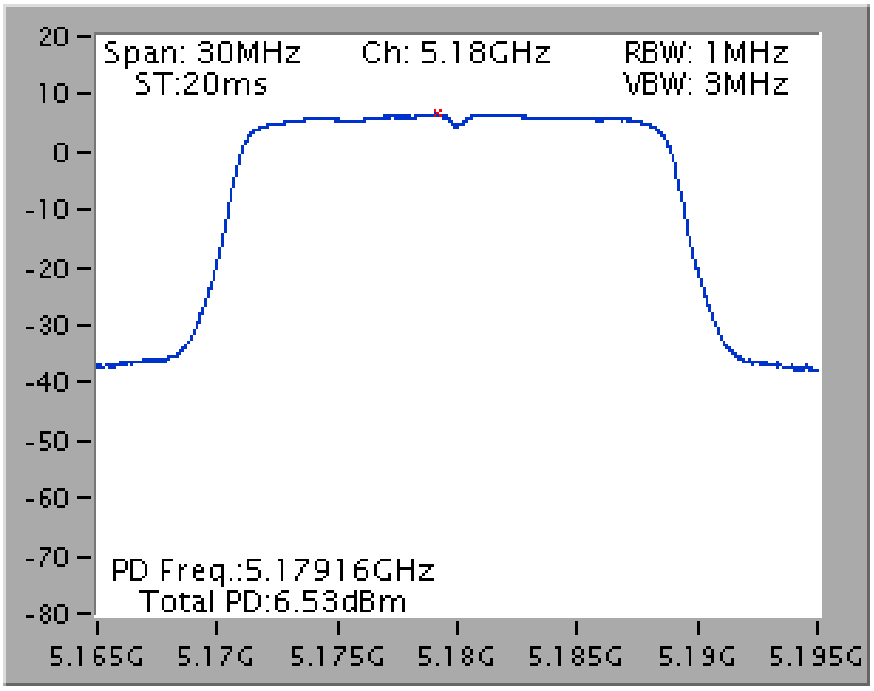


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5210 MHz

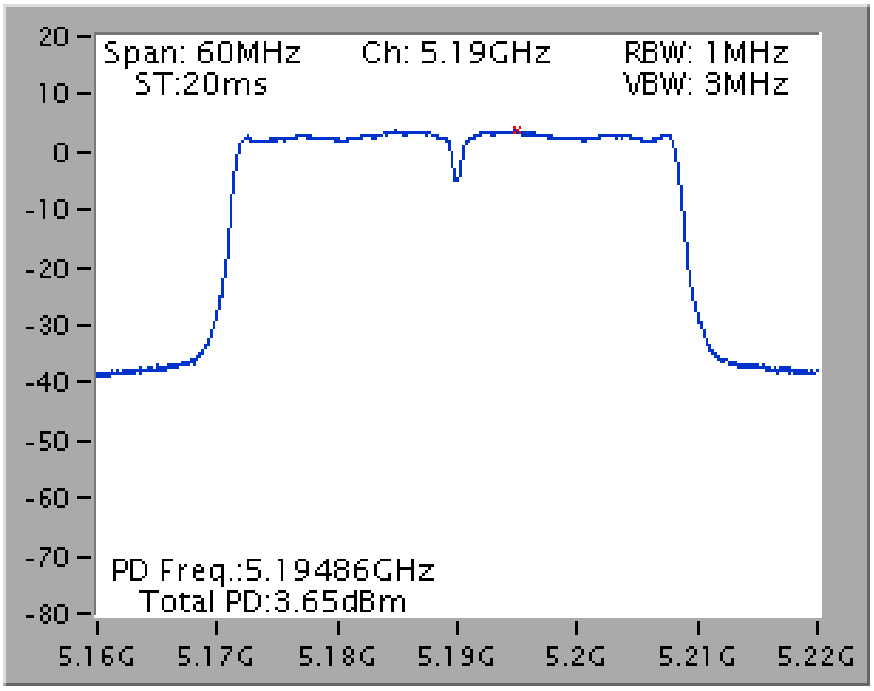


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

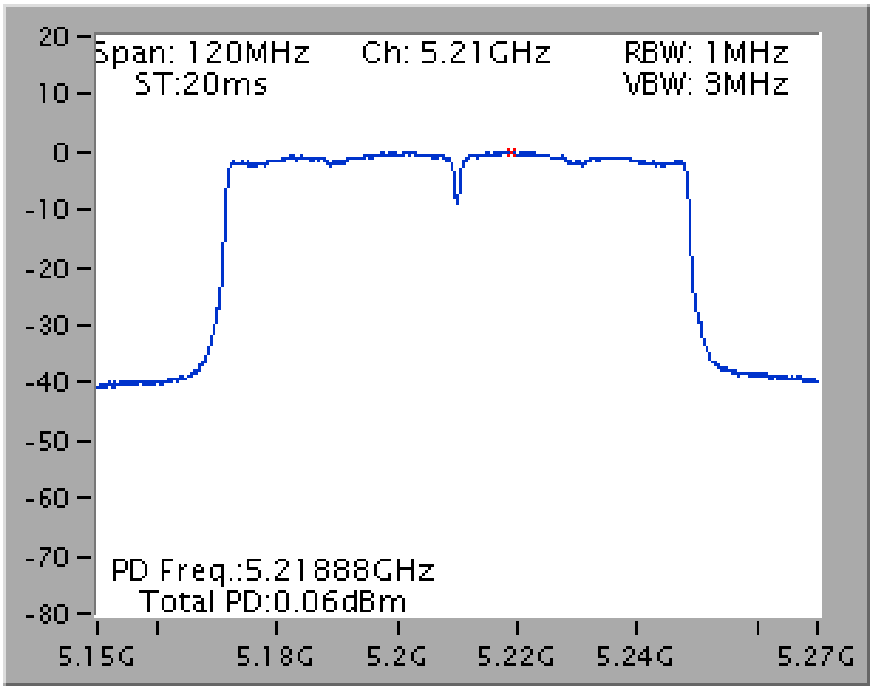
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

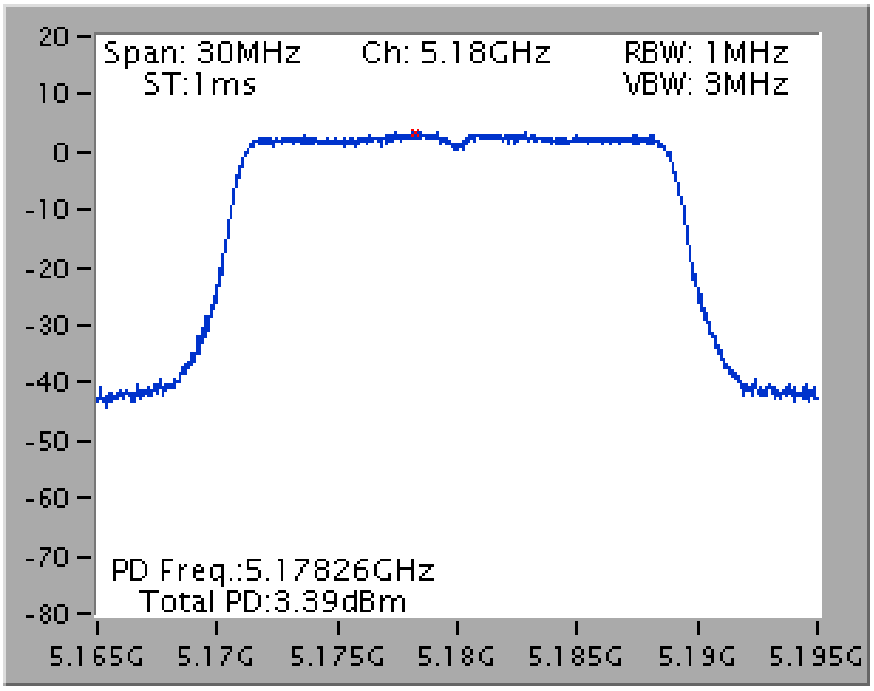


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

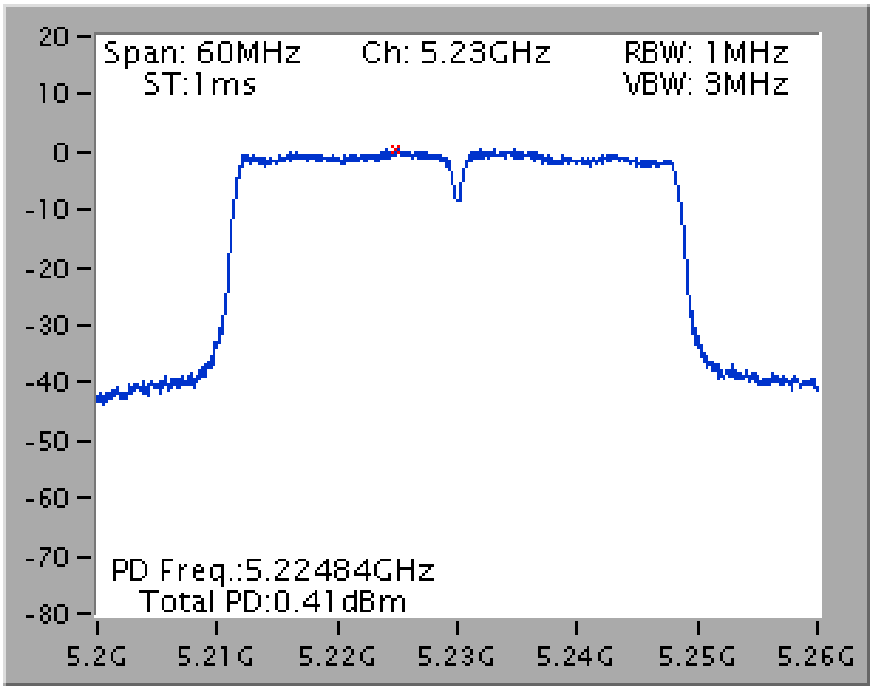


Mode 4 (Ant. 4 Panel antenna / 5.1dBi / 1TX)

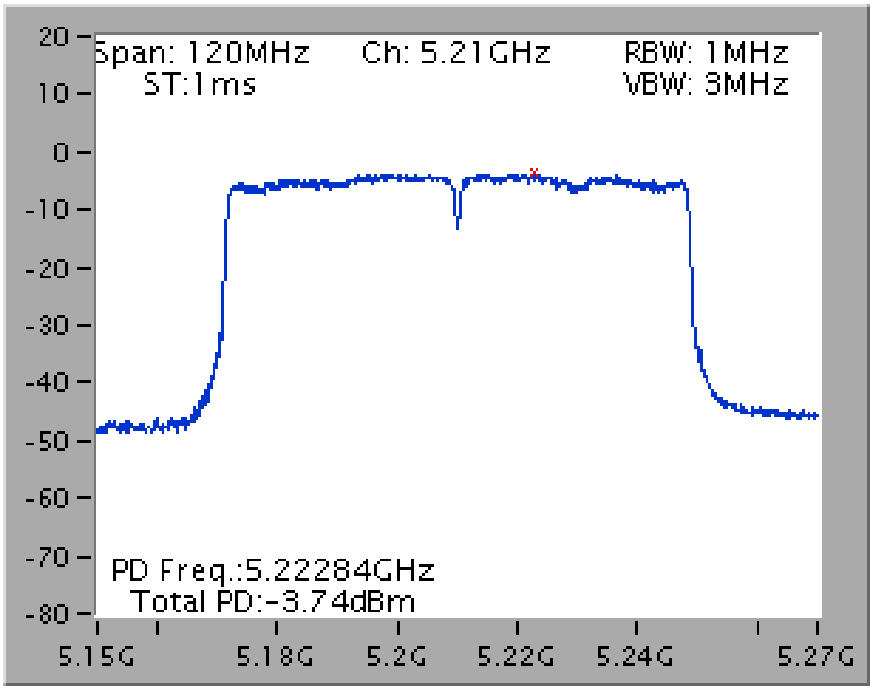
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5230 MHz

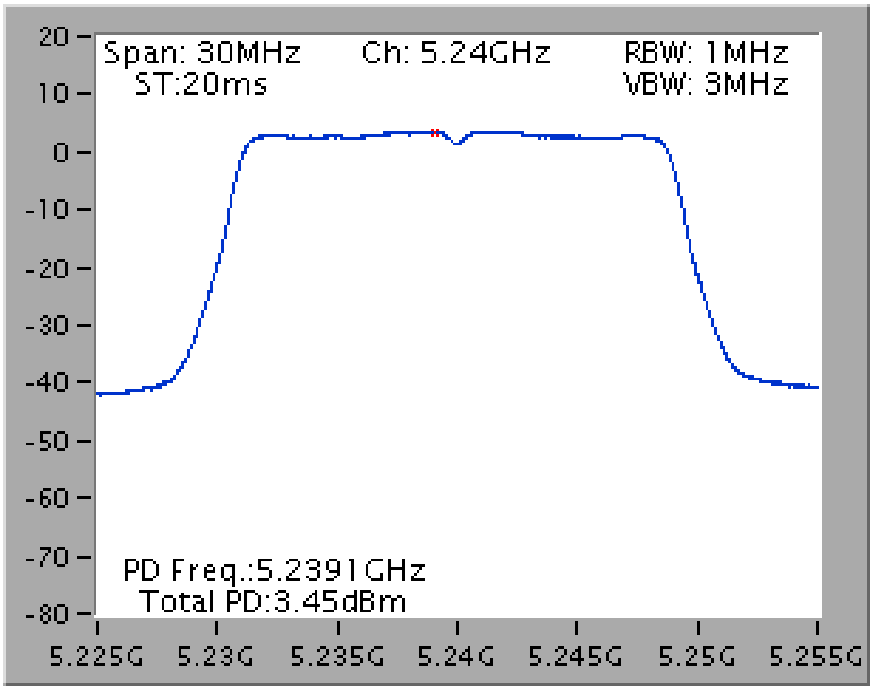


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5210 MHz

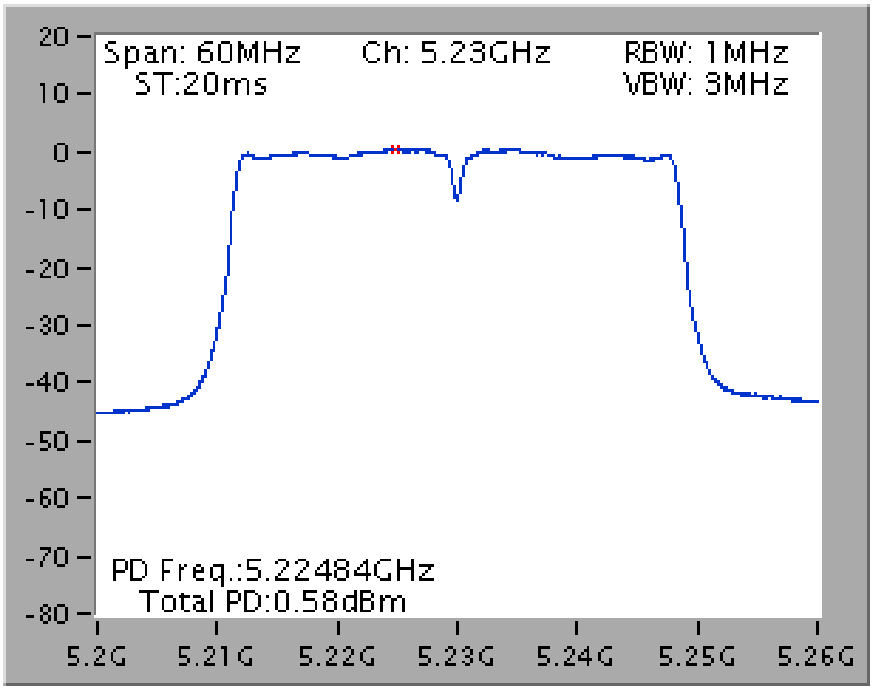


Mode 4 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

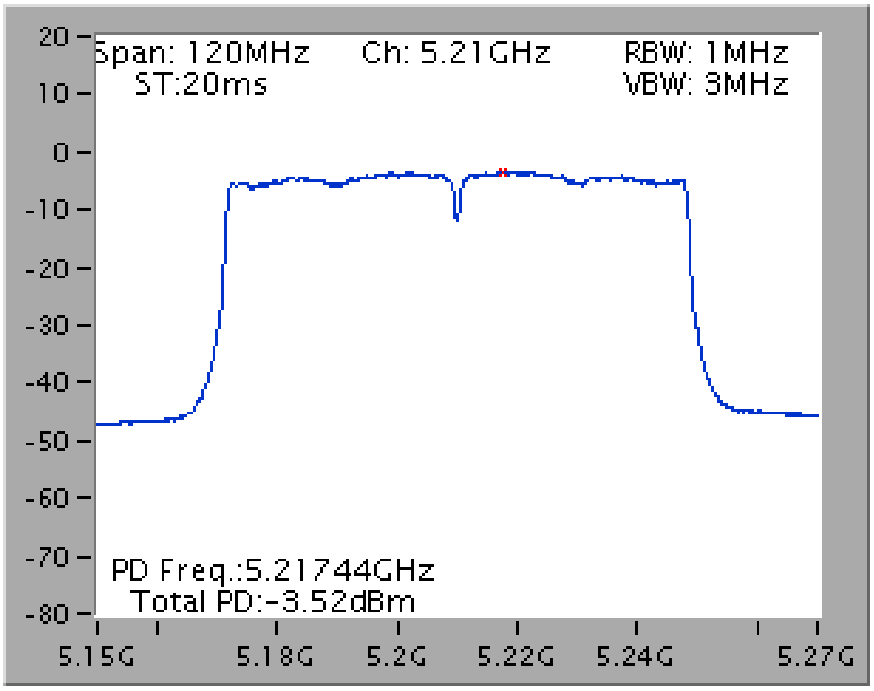
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5240 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz



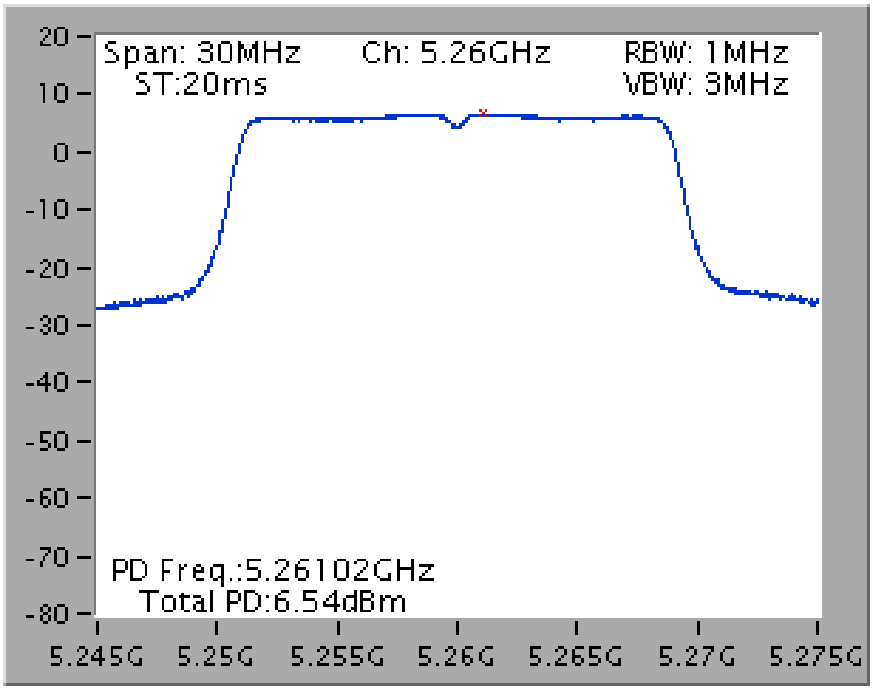
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



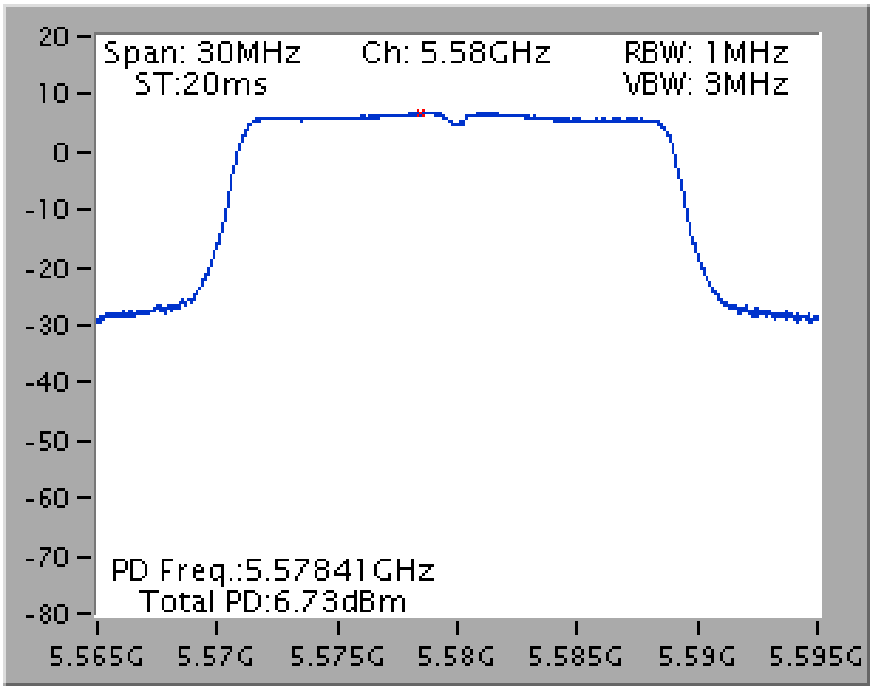
For indoor / outdoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)

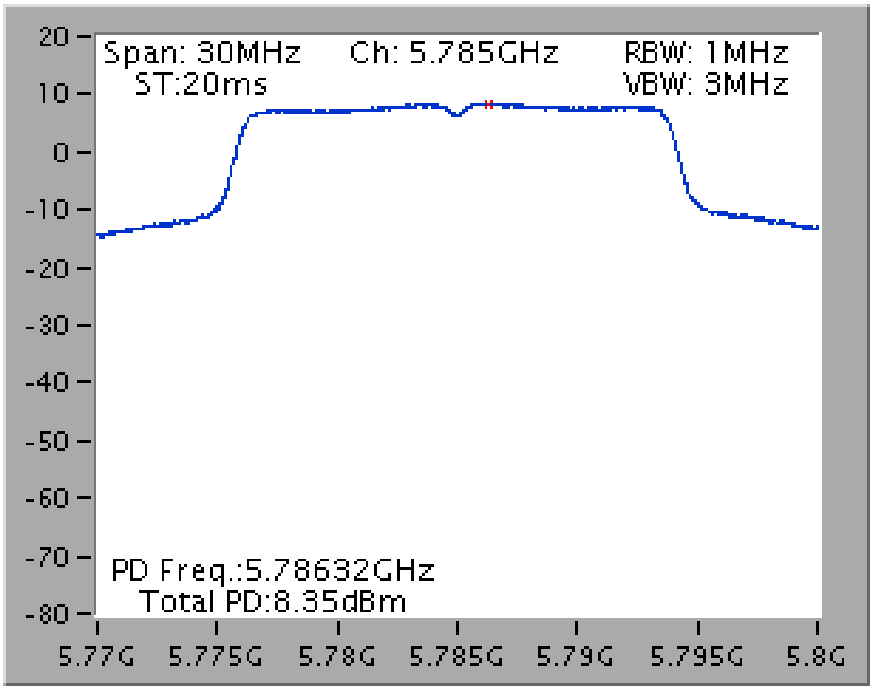
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5260 MHz



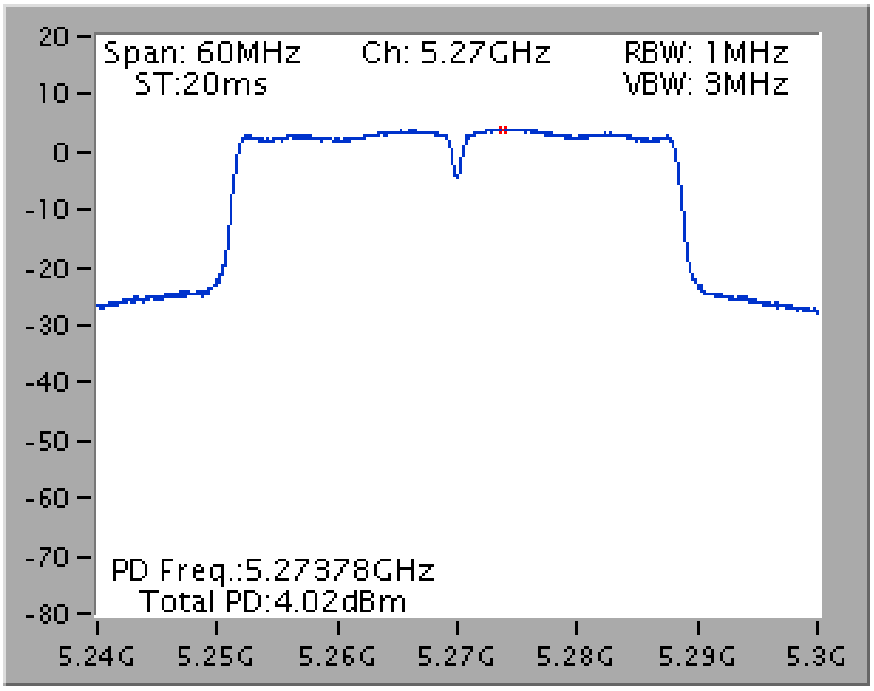
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5580 MHz



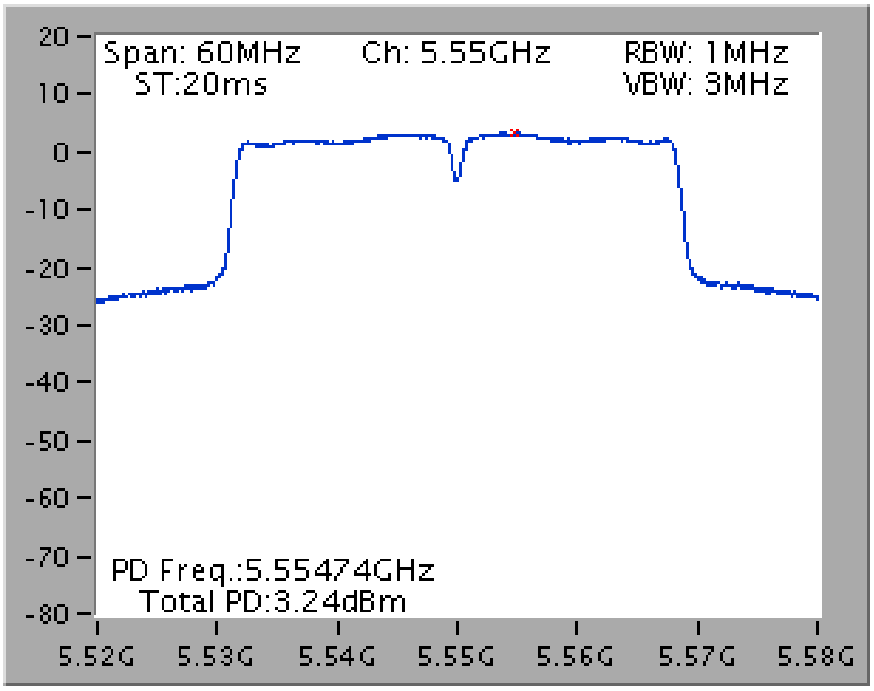
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5785 MHz



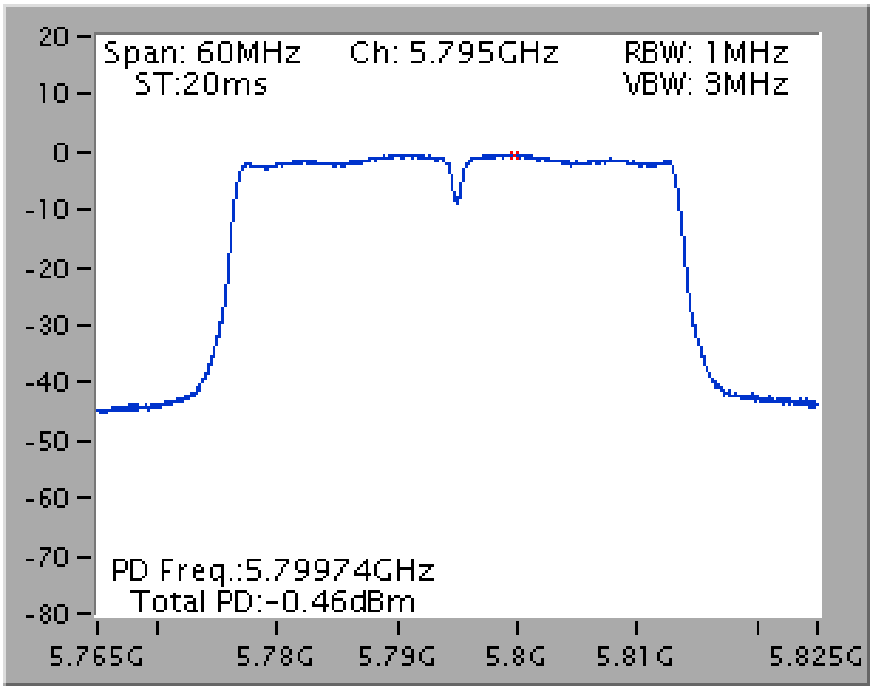
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5270 MHz



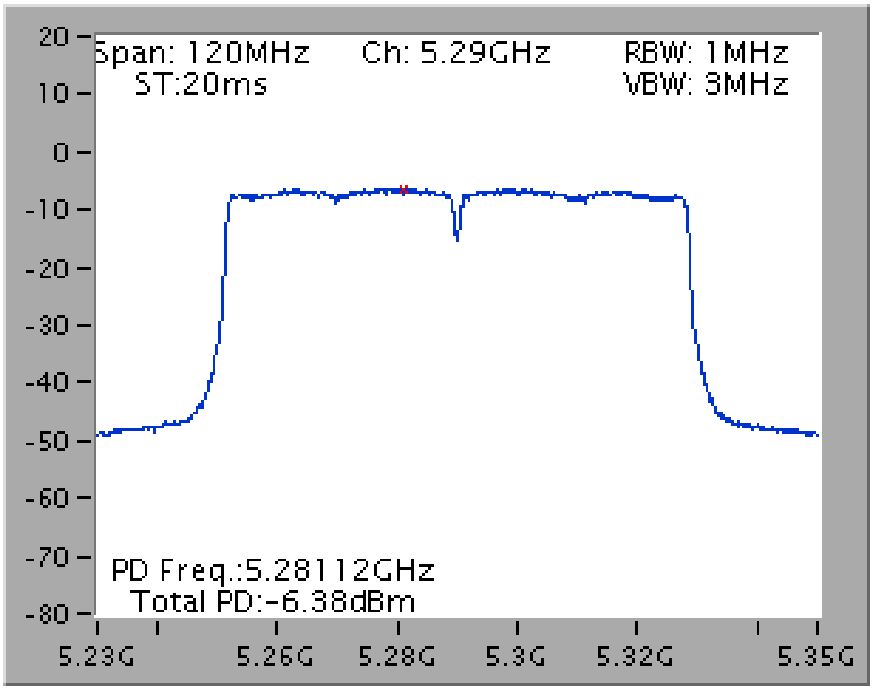
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5550 MHz



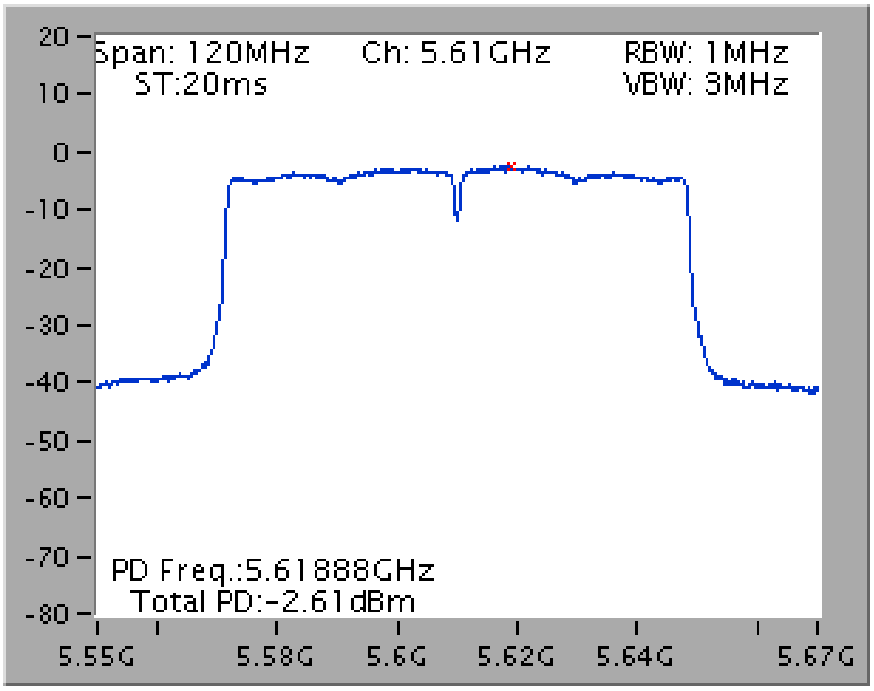
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5795 MHz



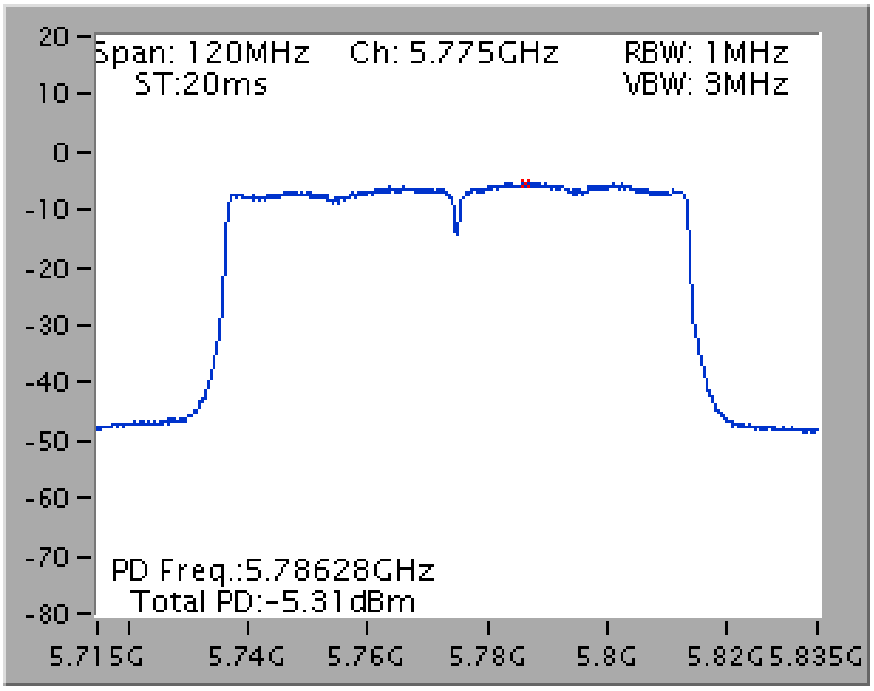
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5610 MHz

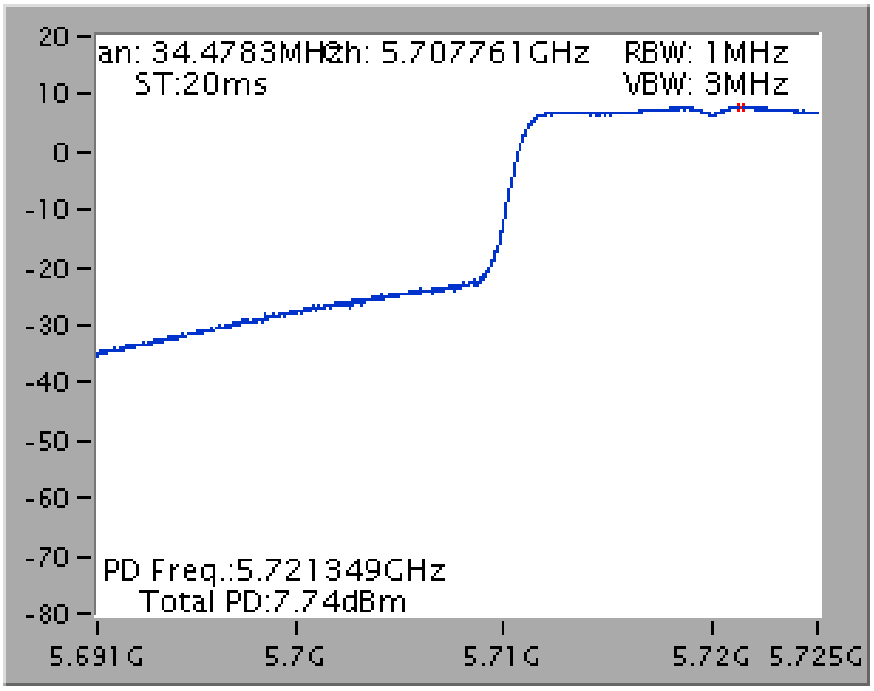


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5775 MHz

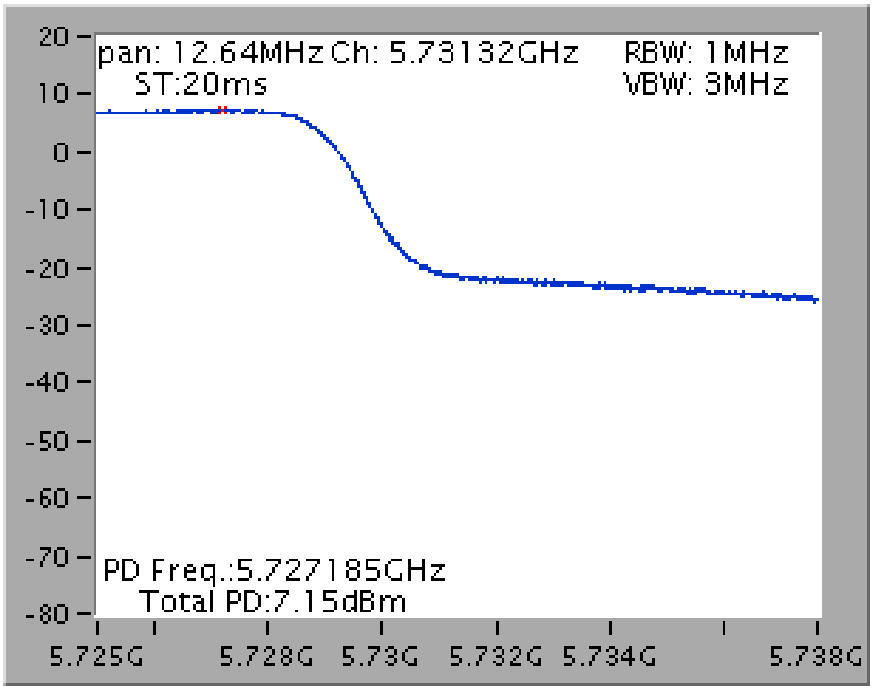


Straddle Channel

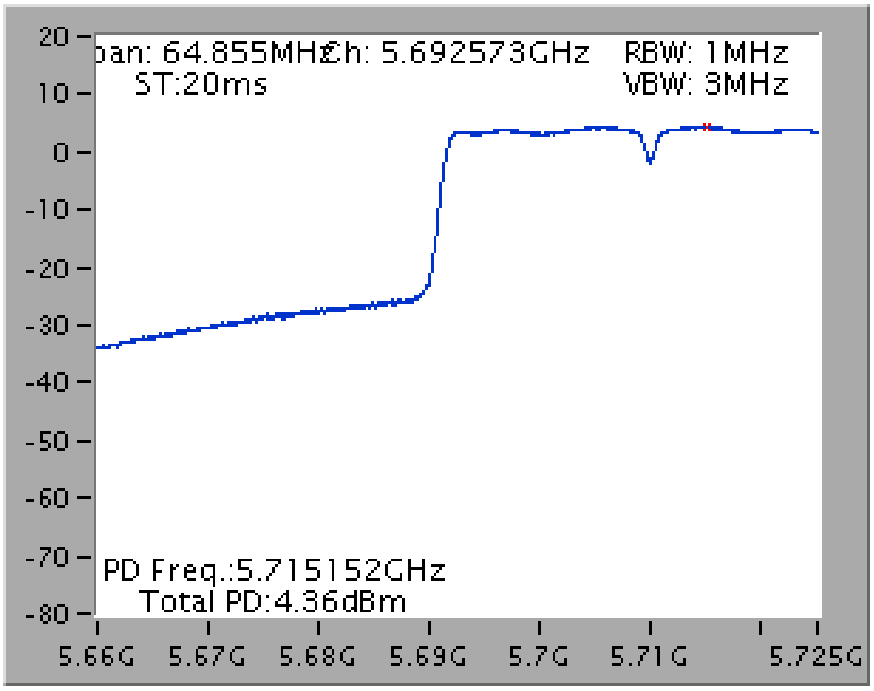
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



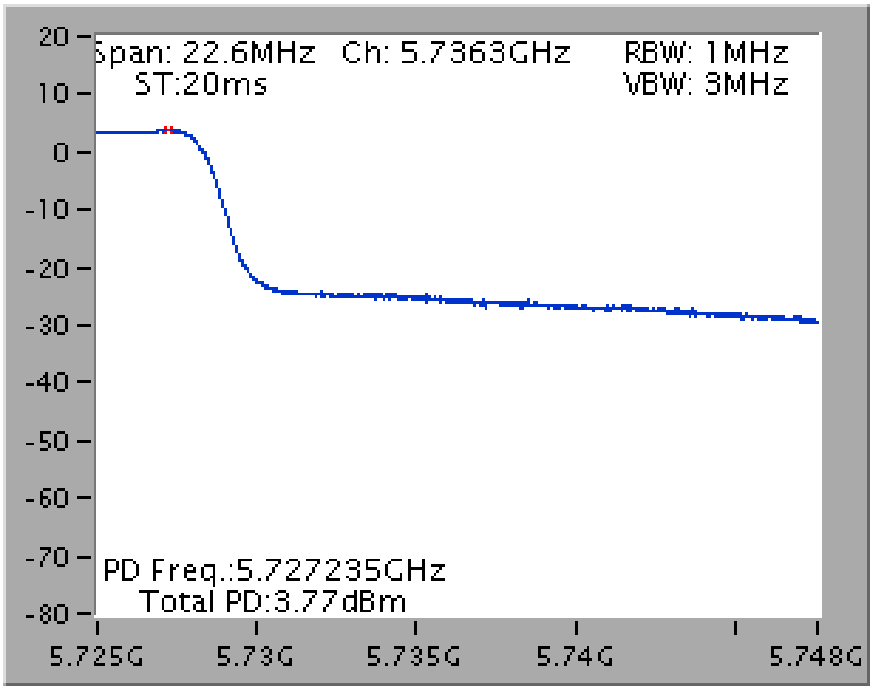
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



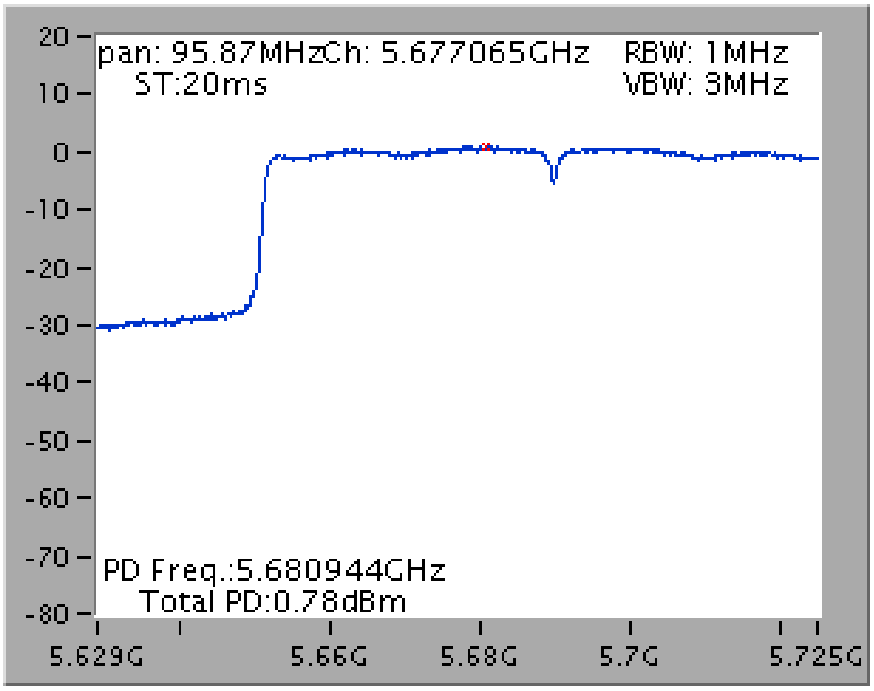
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



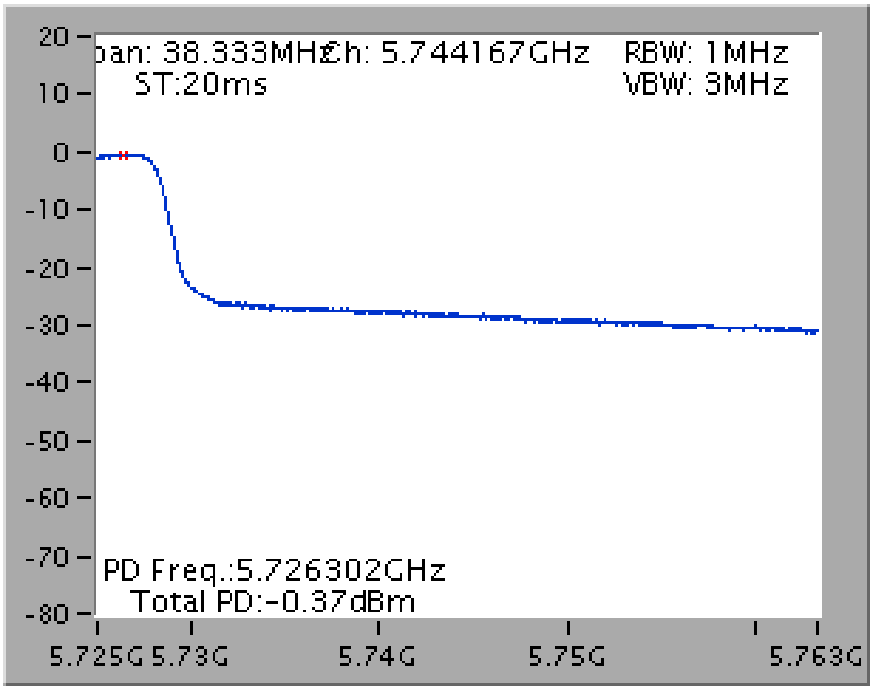
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

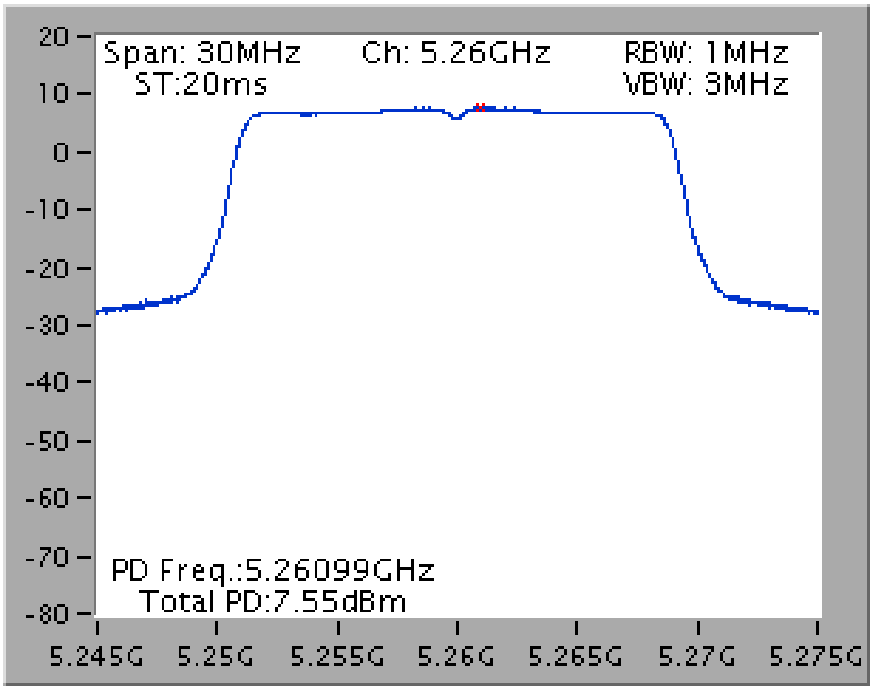


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

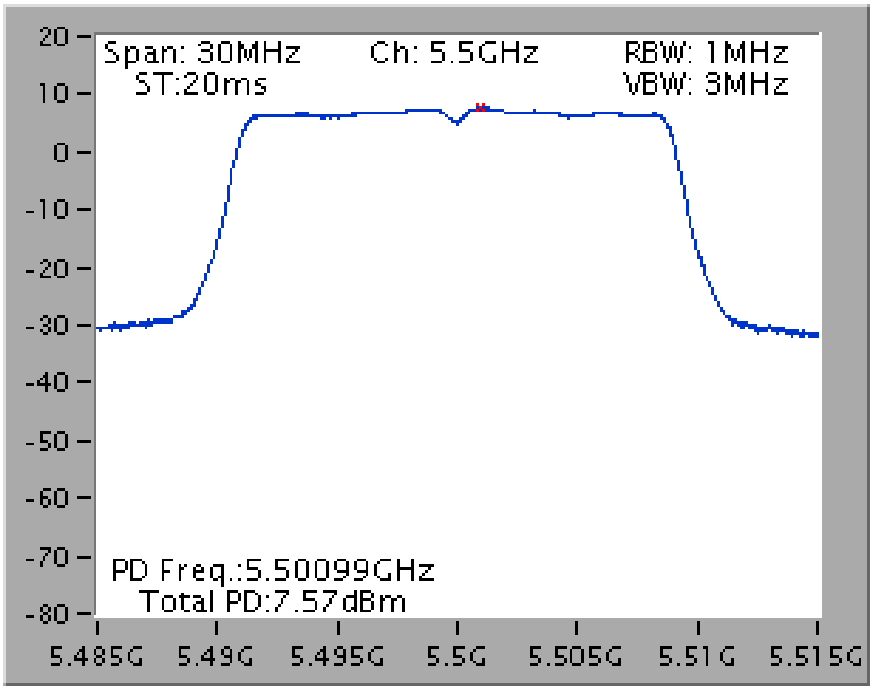


Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

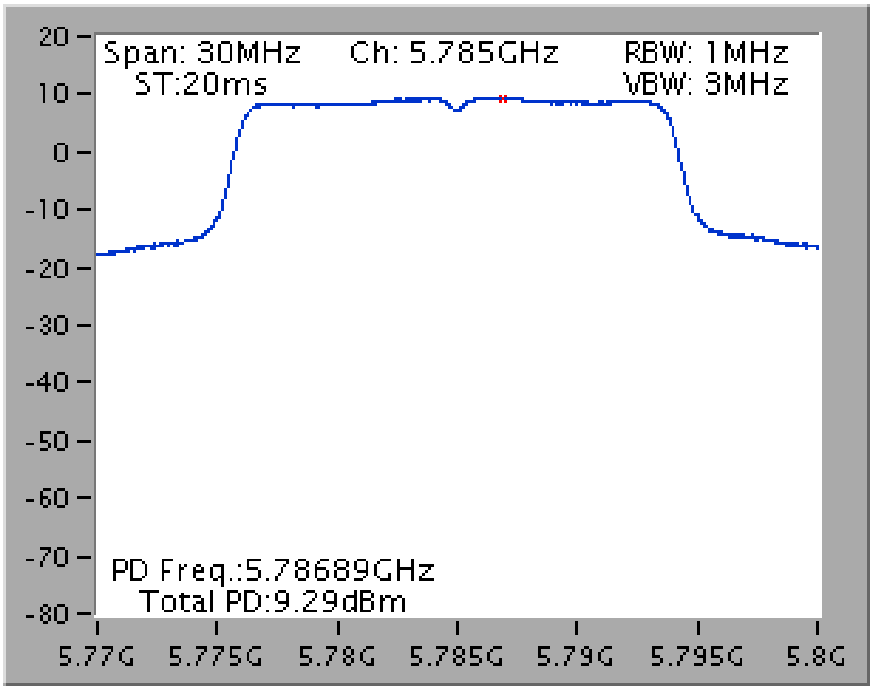
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



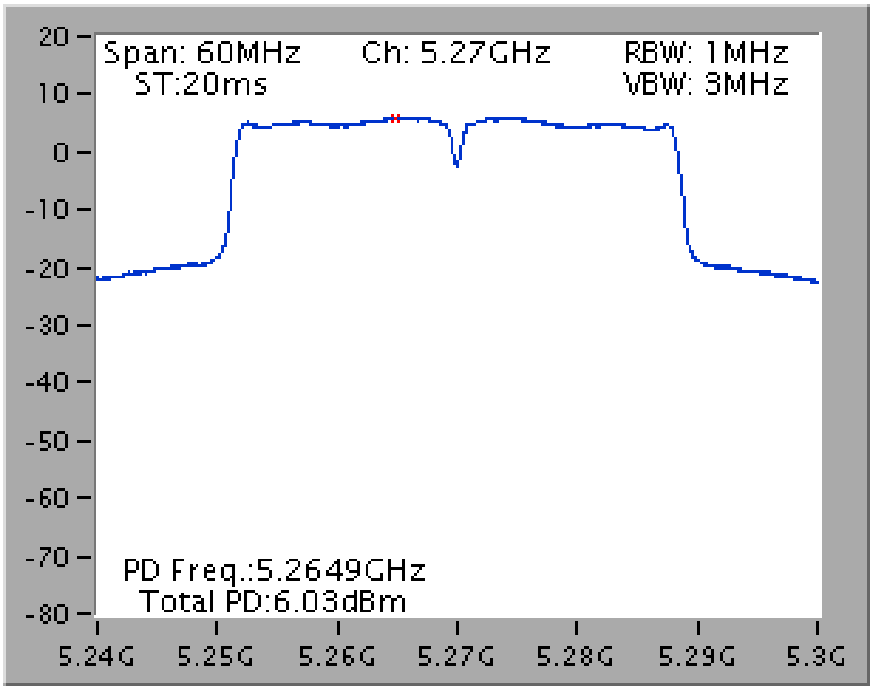
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5500 MHz



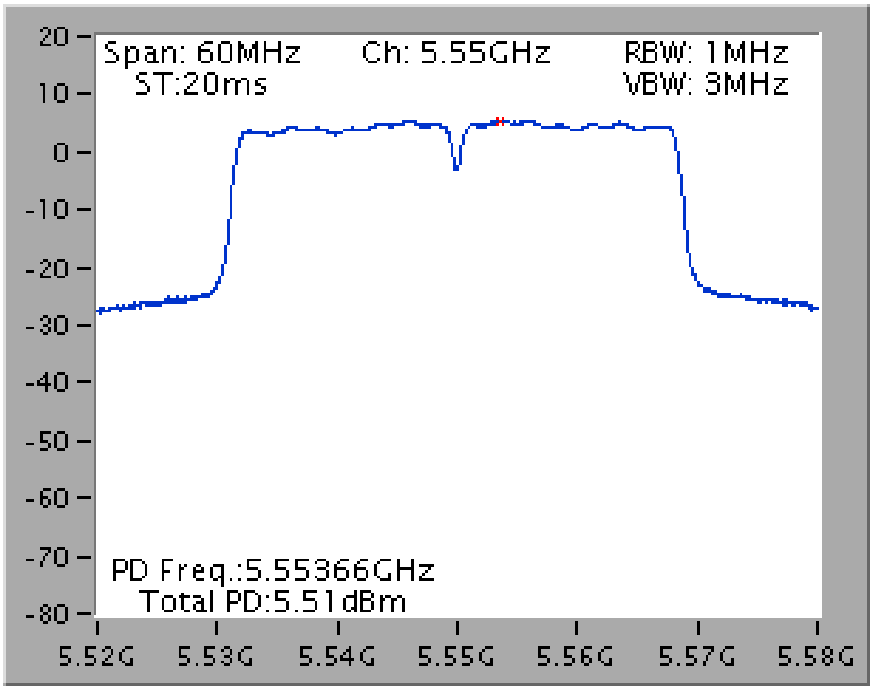
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



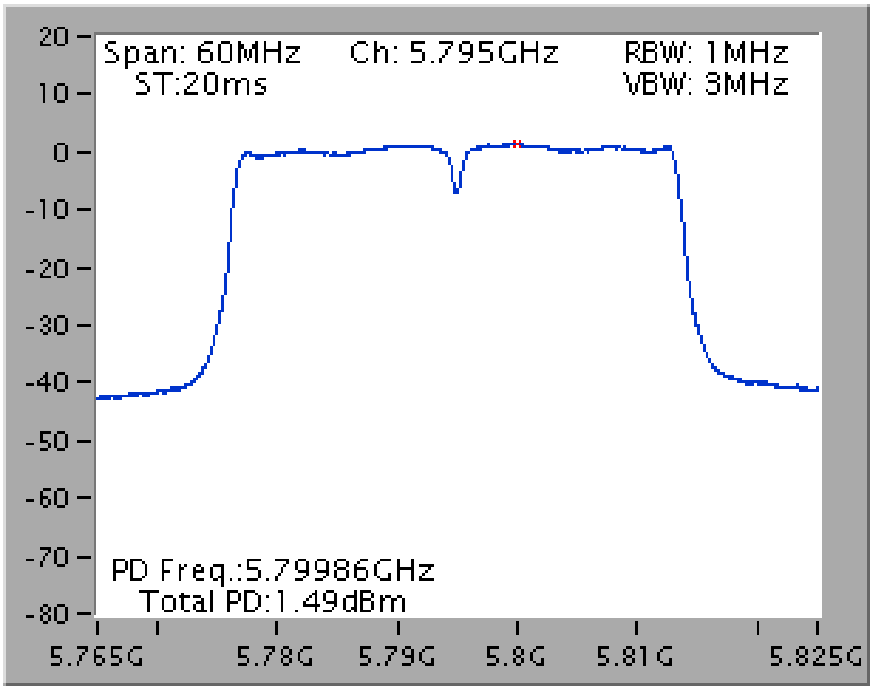
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



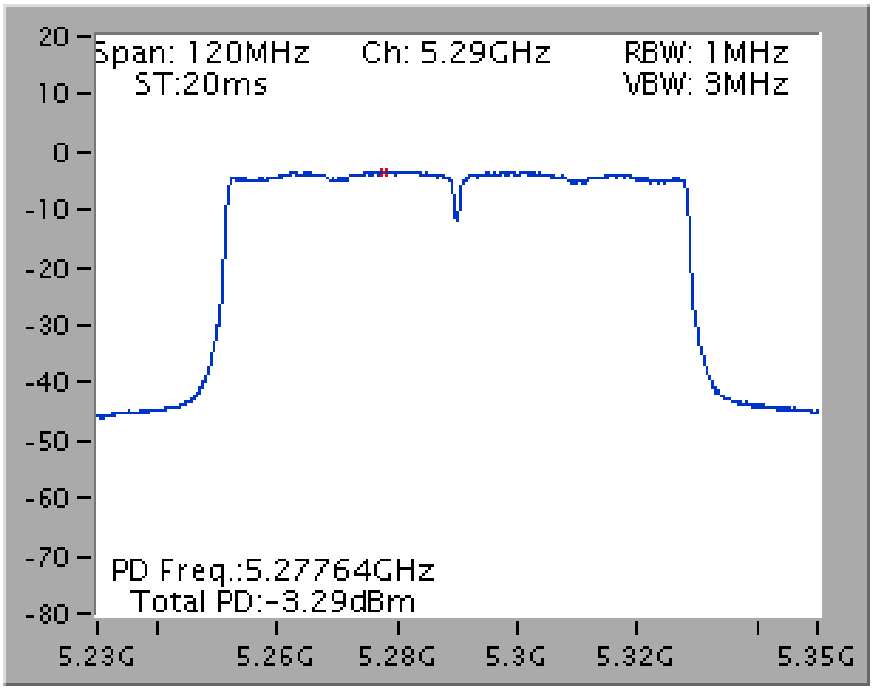
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



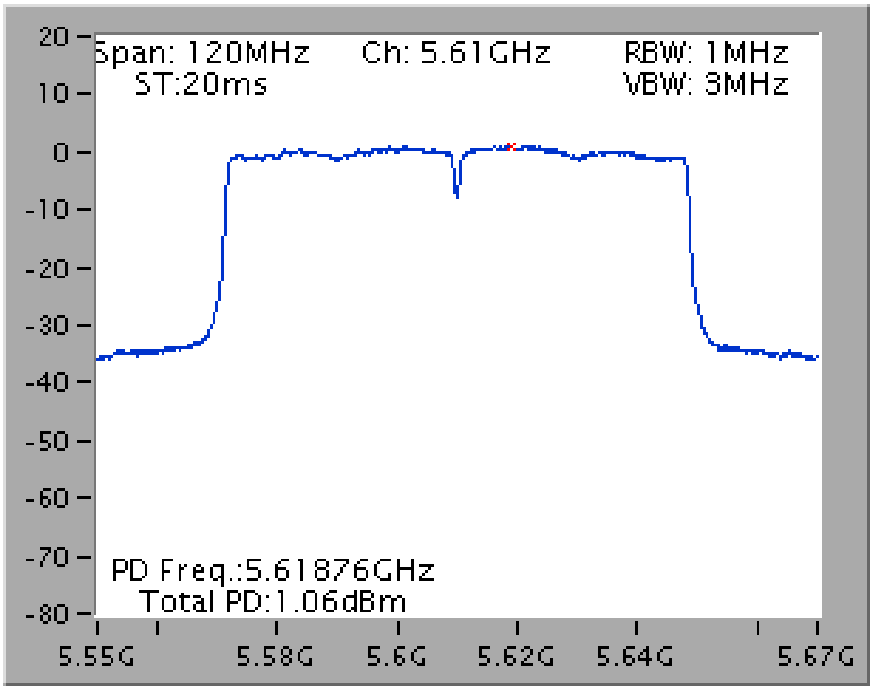
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



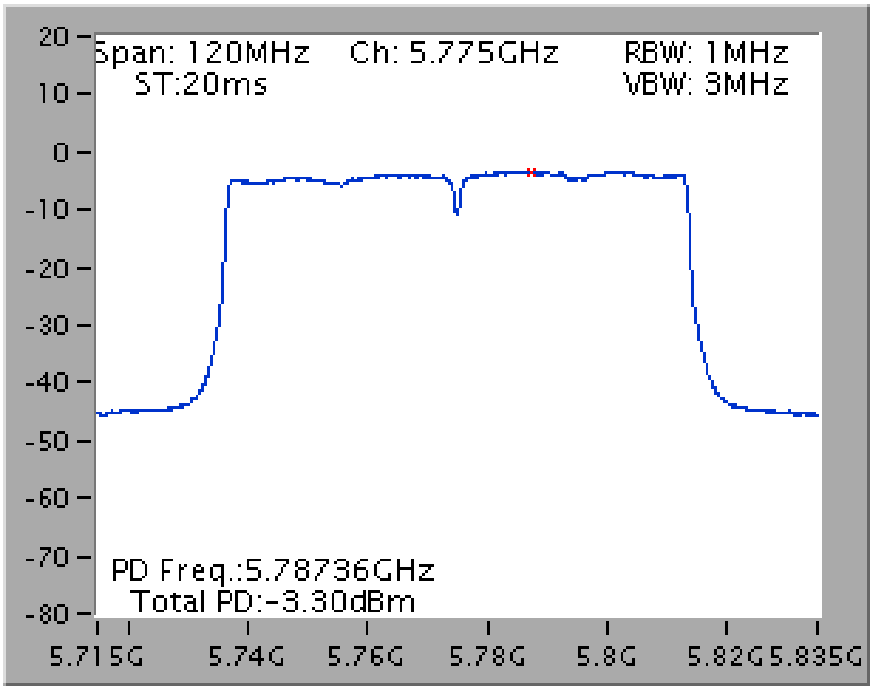
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

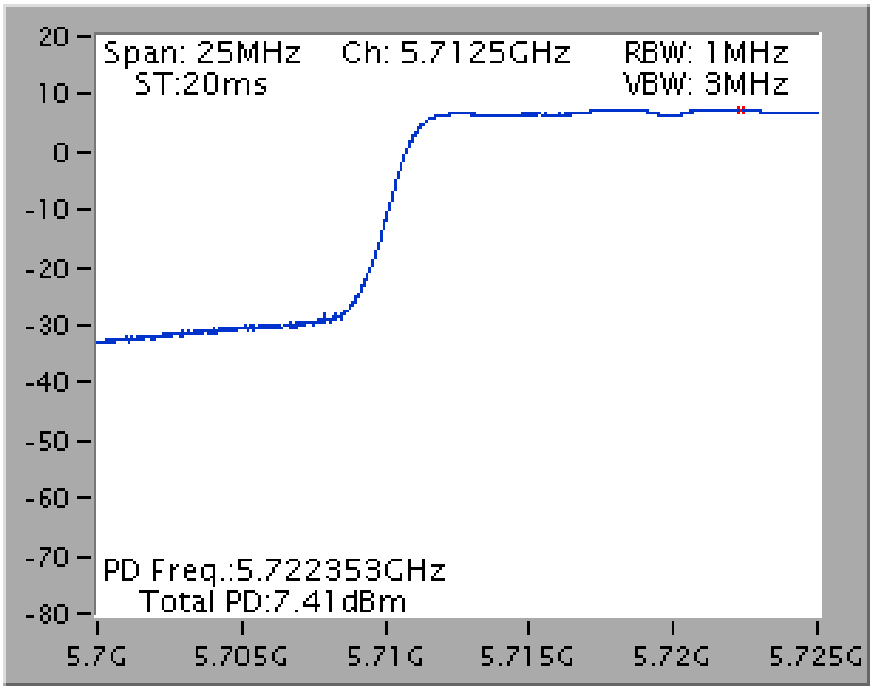


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

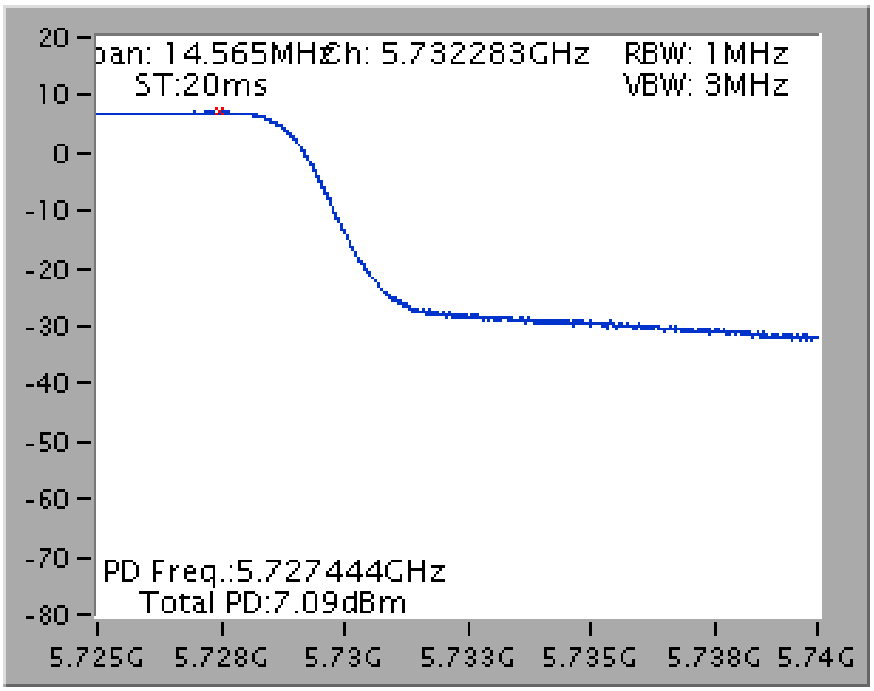


Straddle Channel

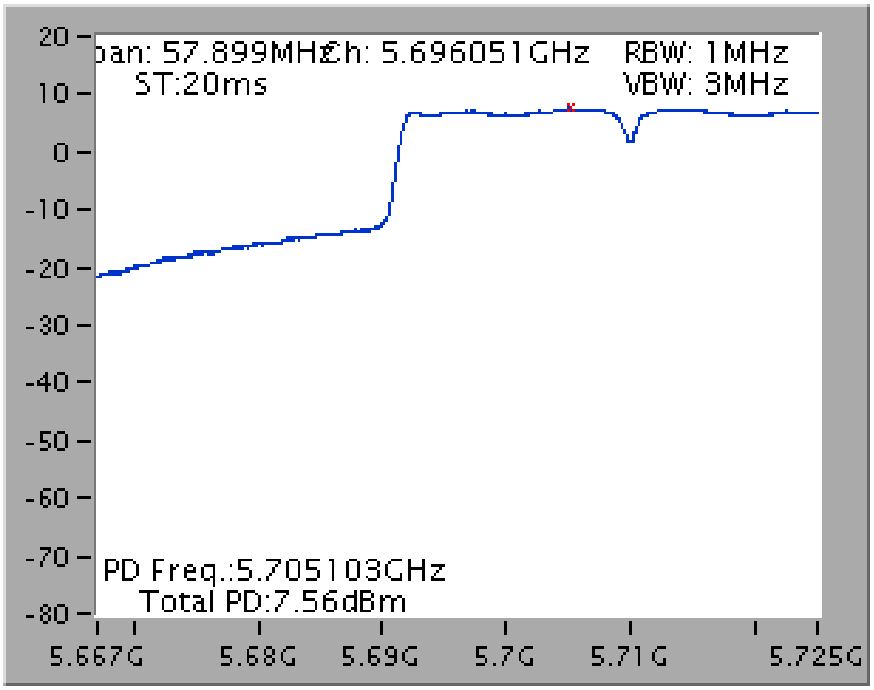
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



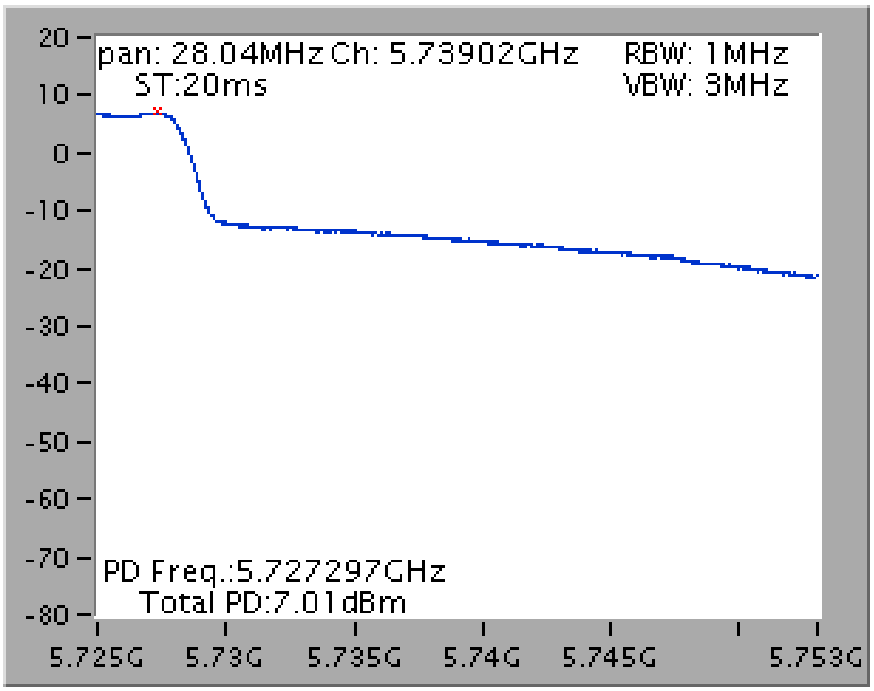
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



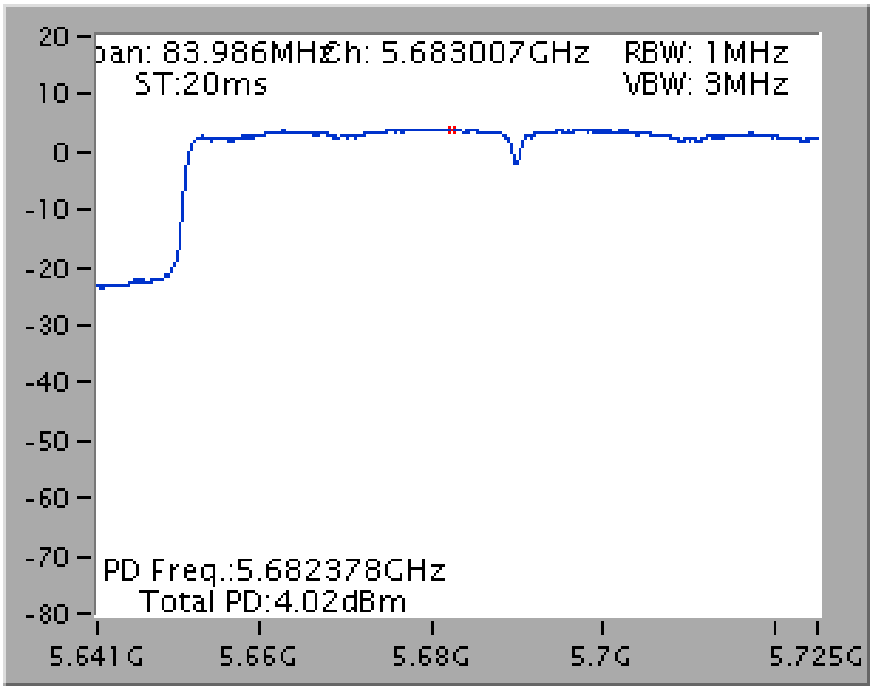
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



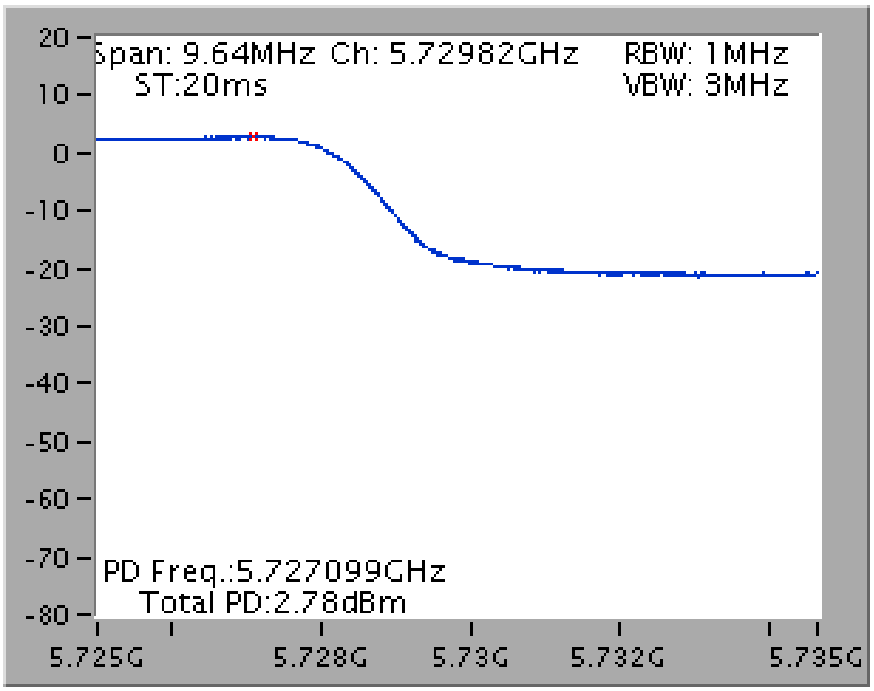
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

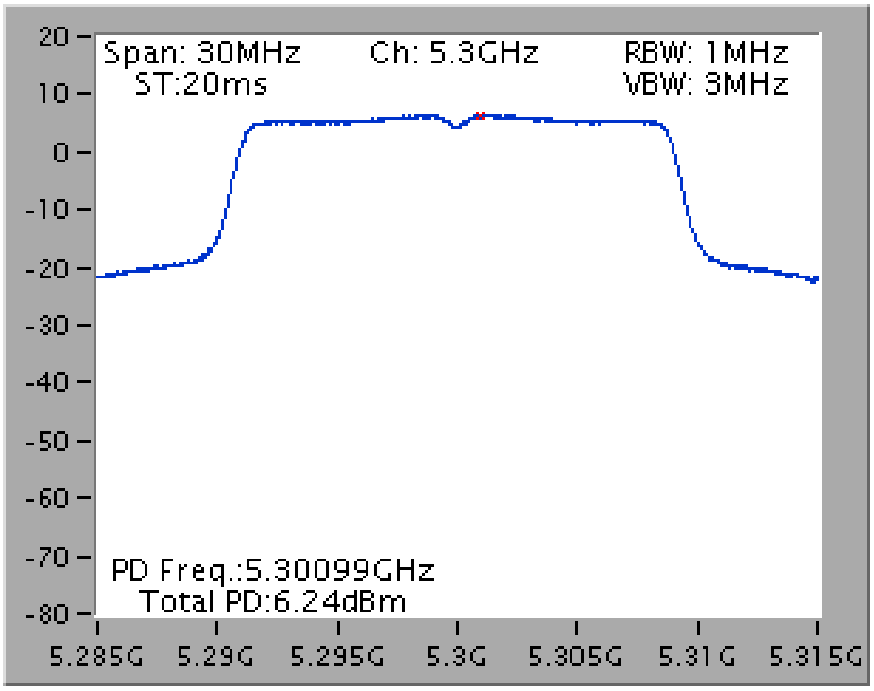


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

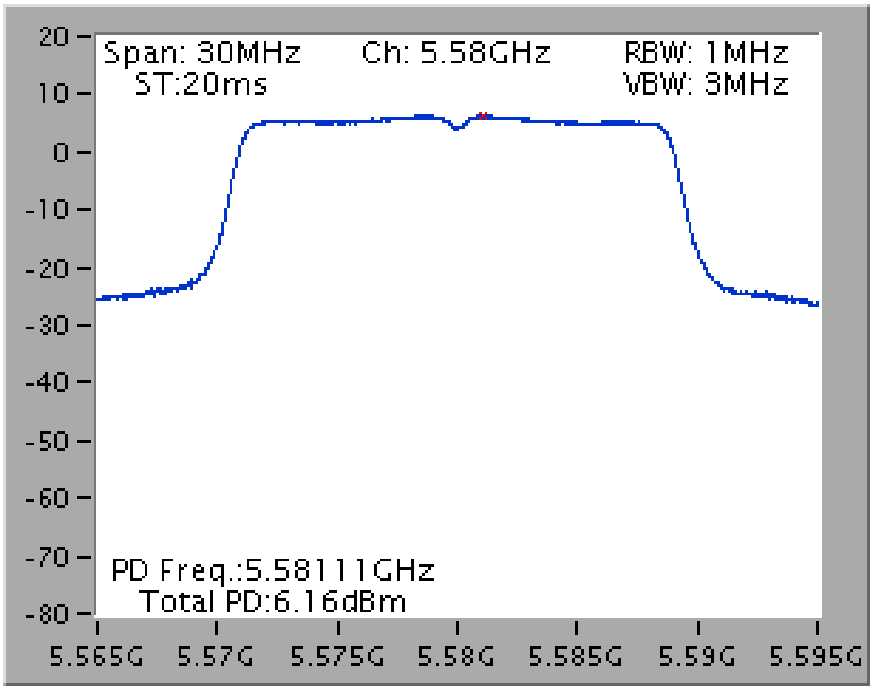


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)

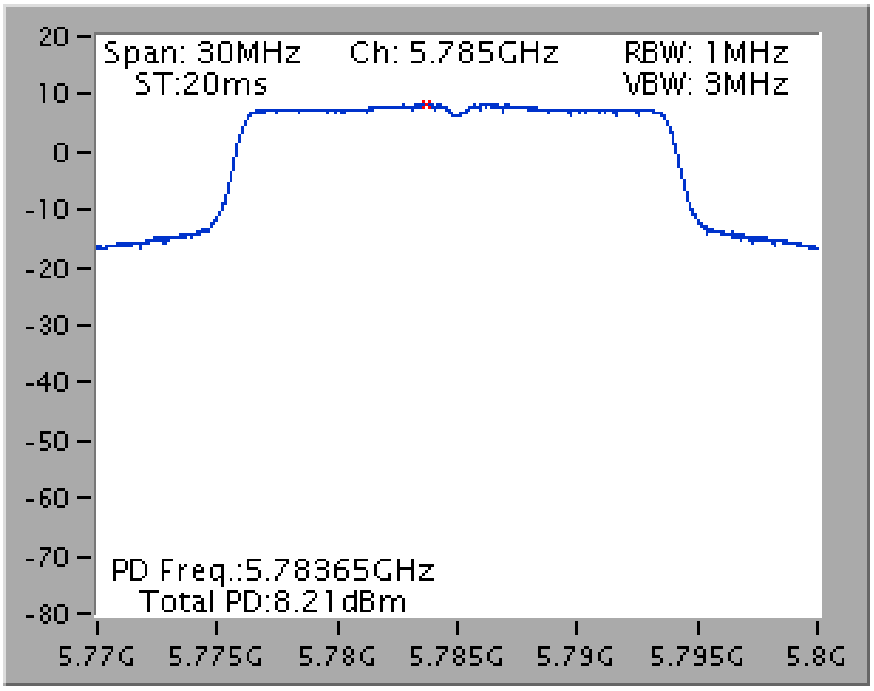
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5300 MHz



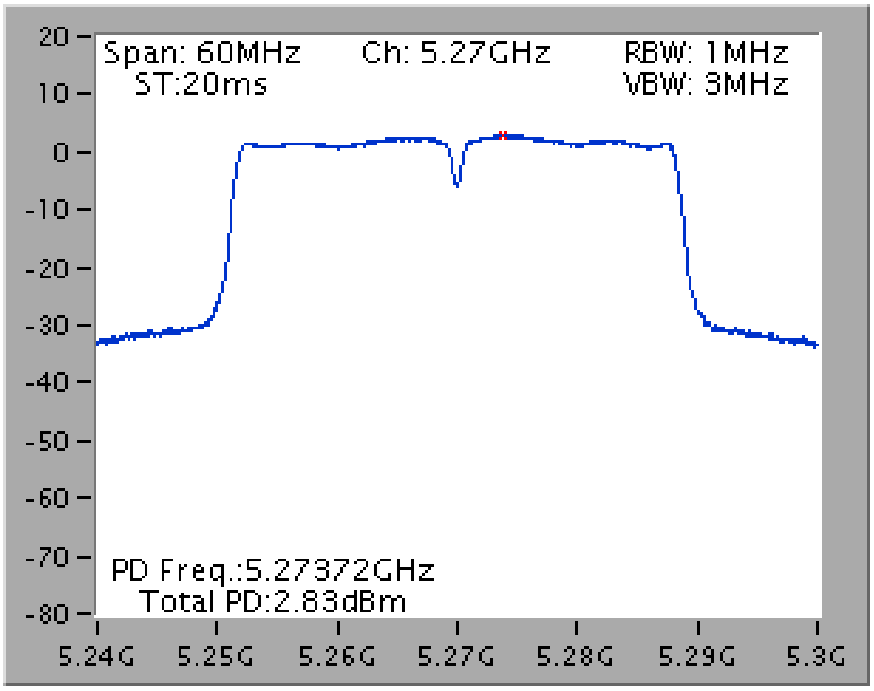
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5580 MHz



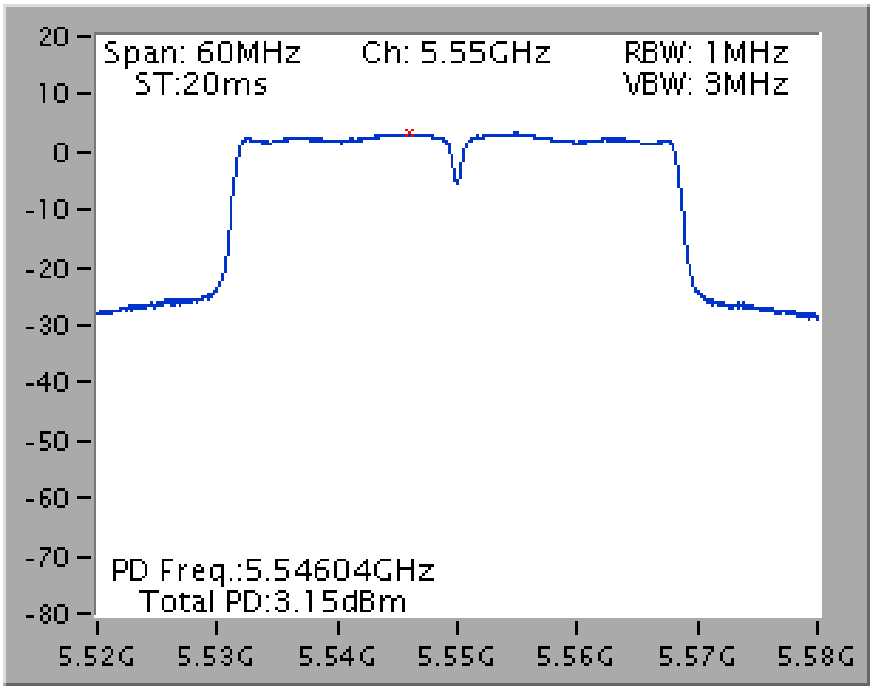
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5785 MHz



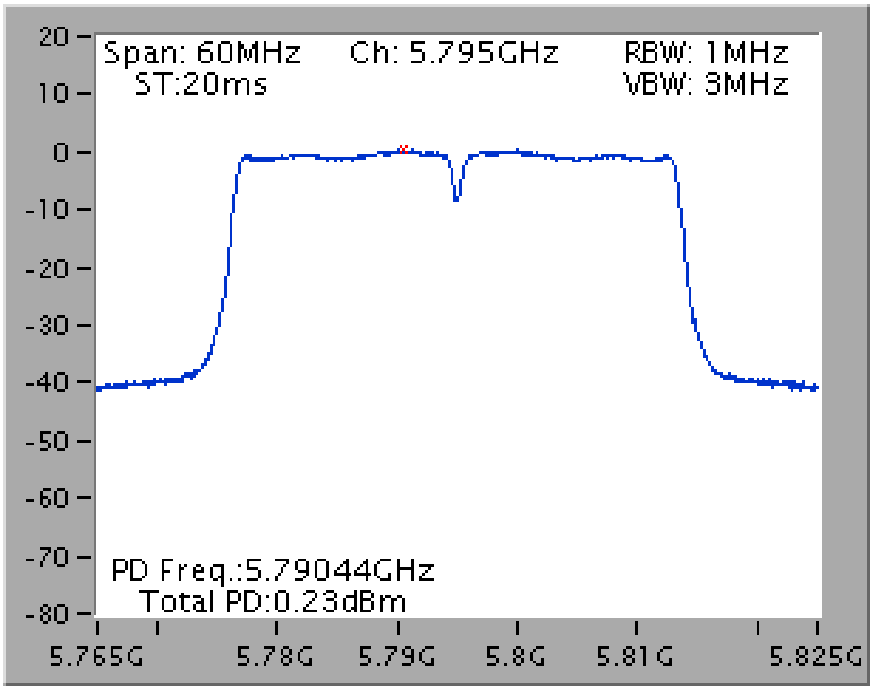
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5270 MHz



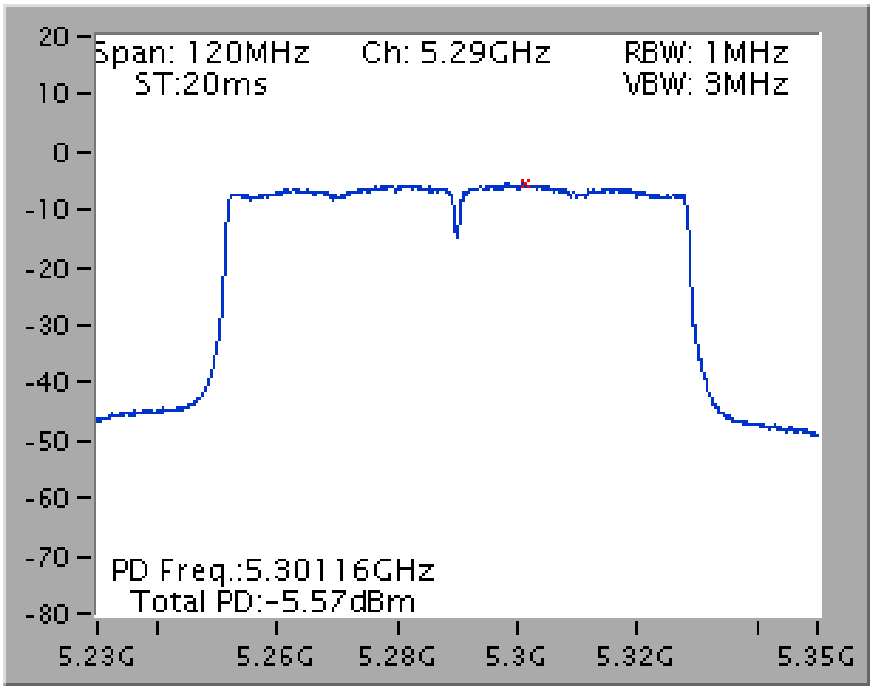
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5550 MHz



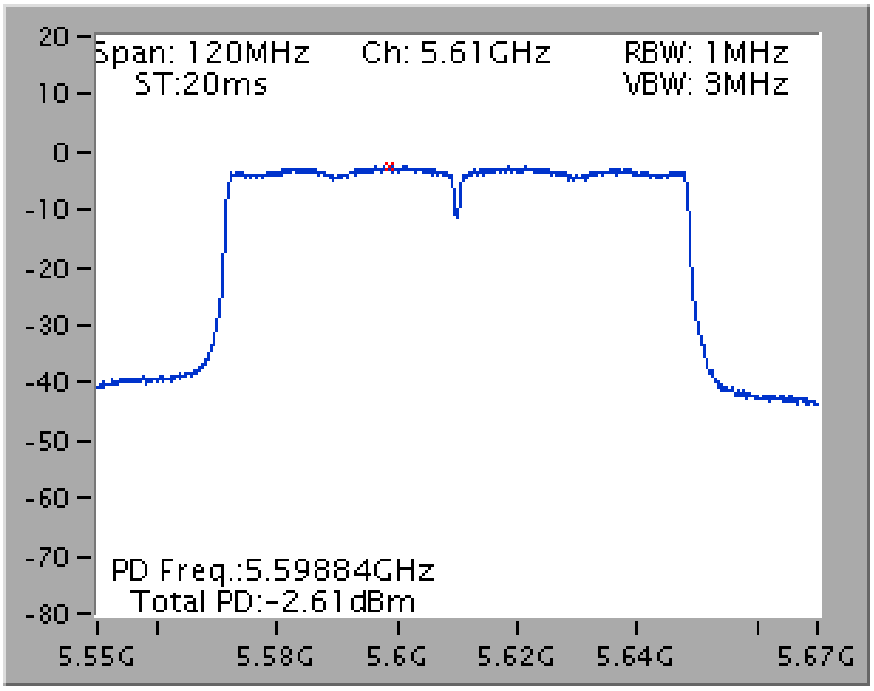
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5795 MHz



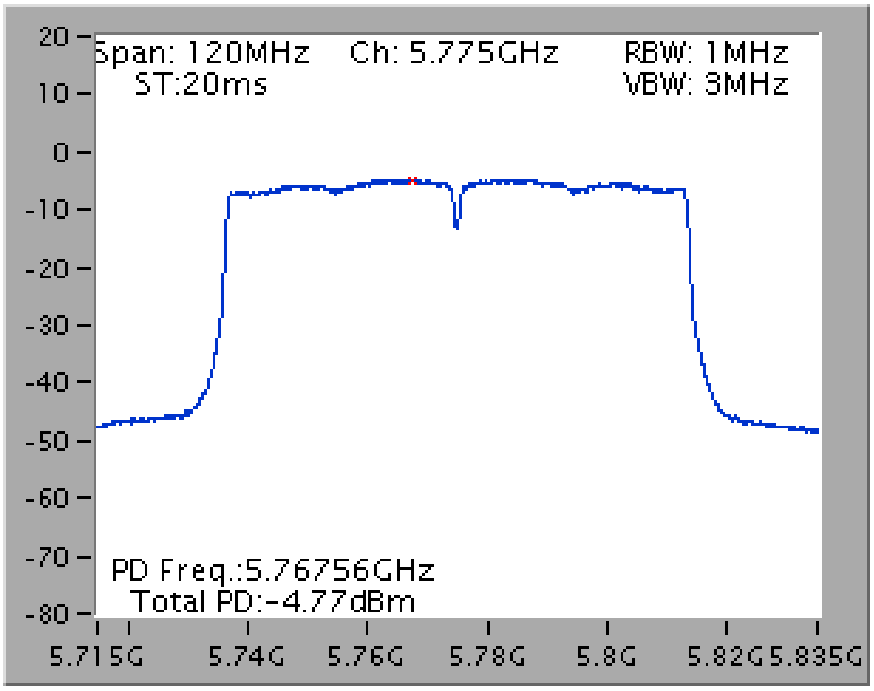
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5610 MHz

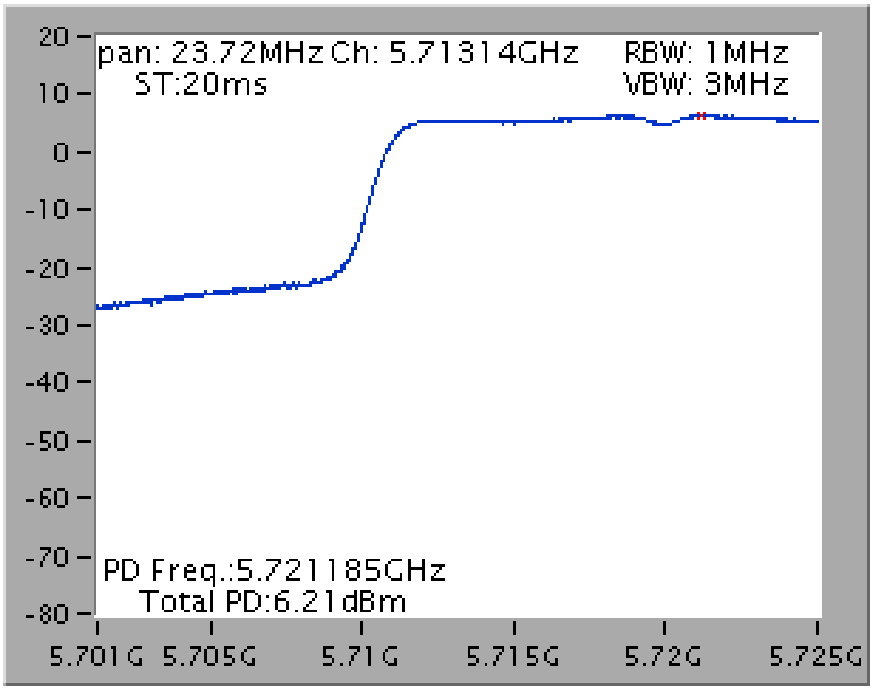


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5775 MHz

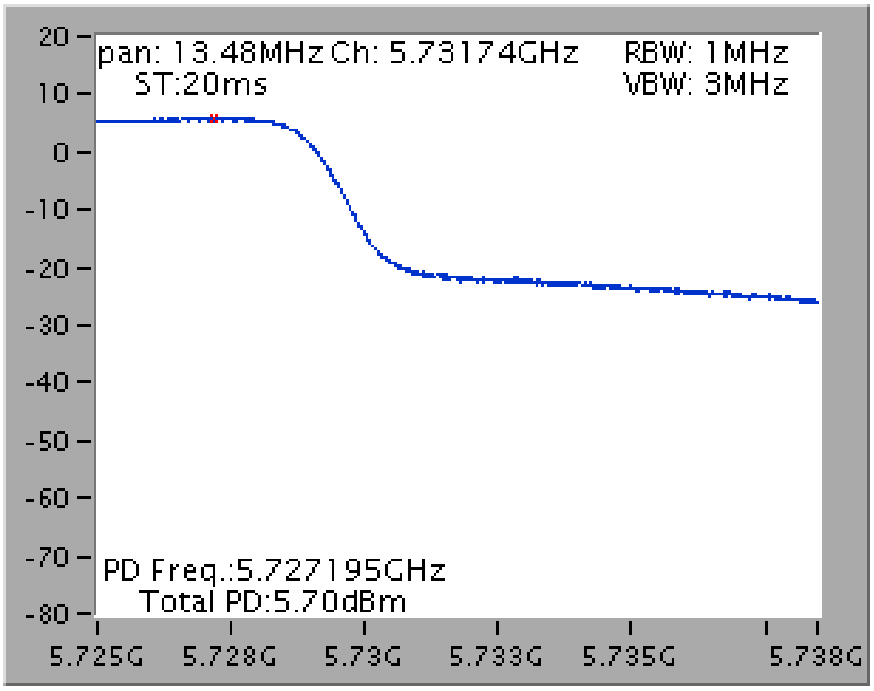


Straddle Channel

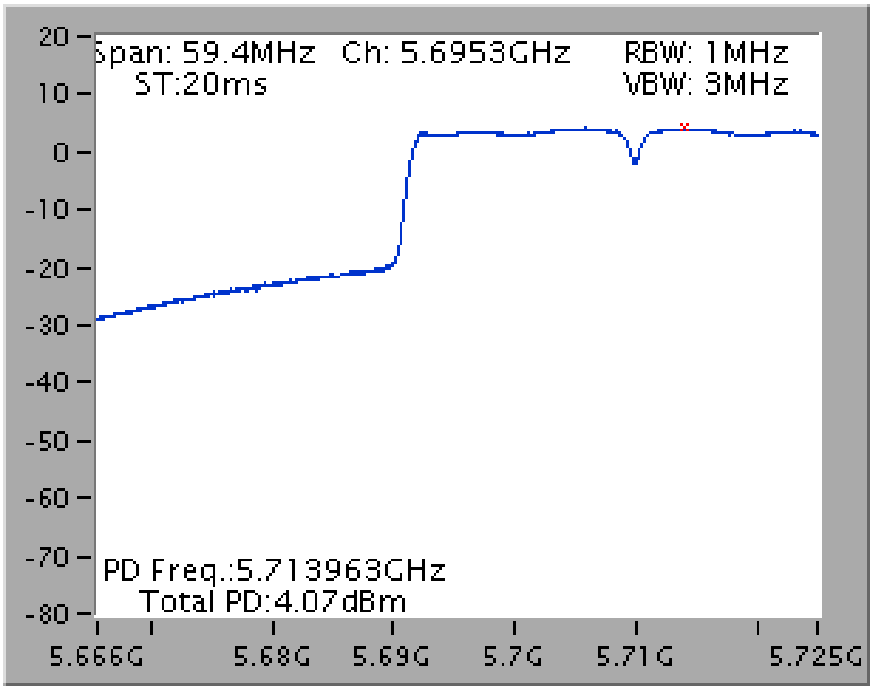
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 2C)



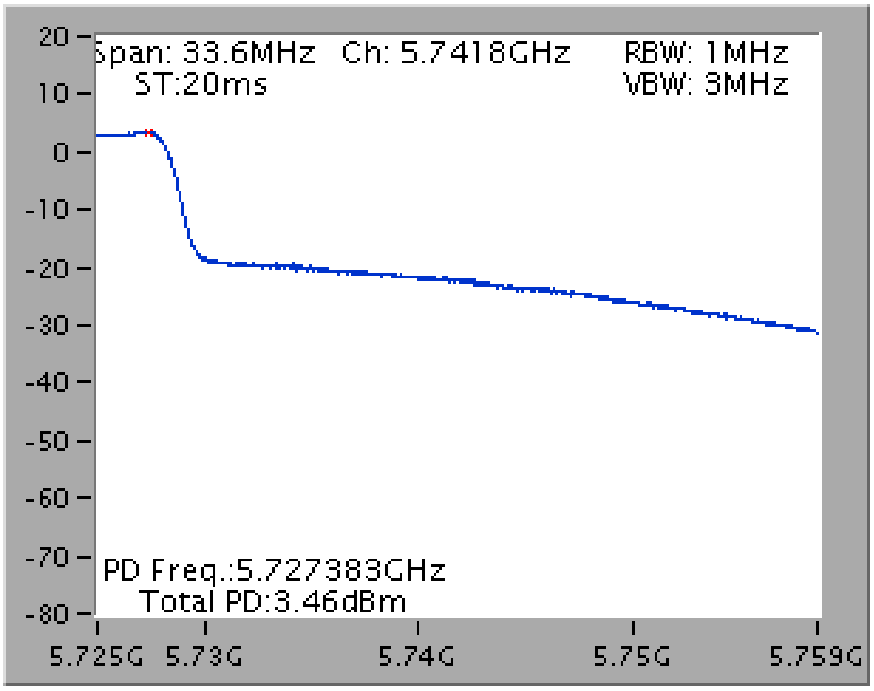
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 2 / 5720 MHz (UNII 3)



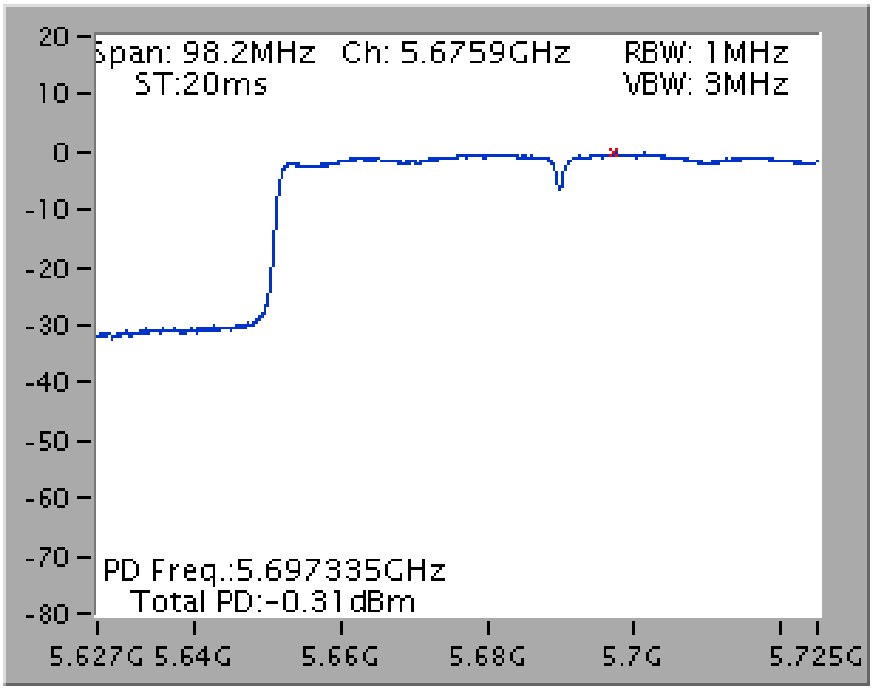
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 2C)



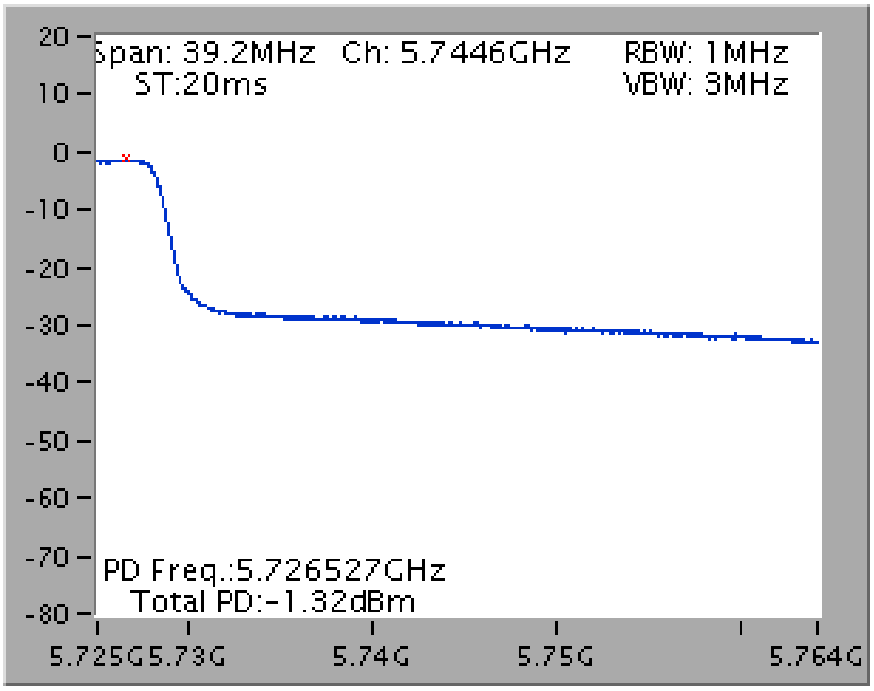
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 2C)

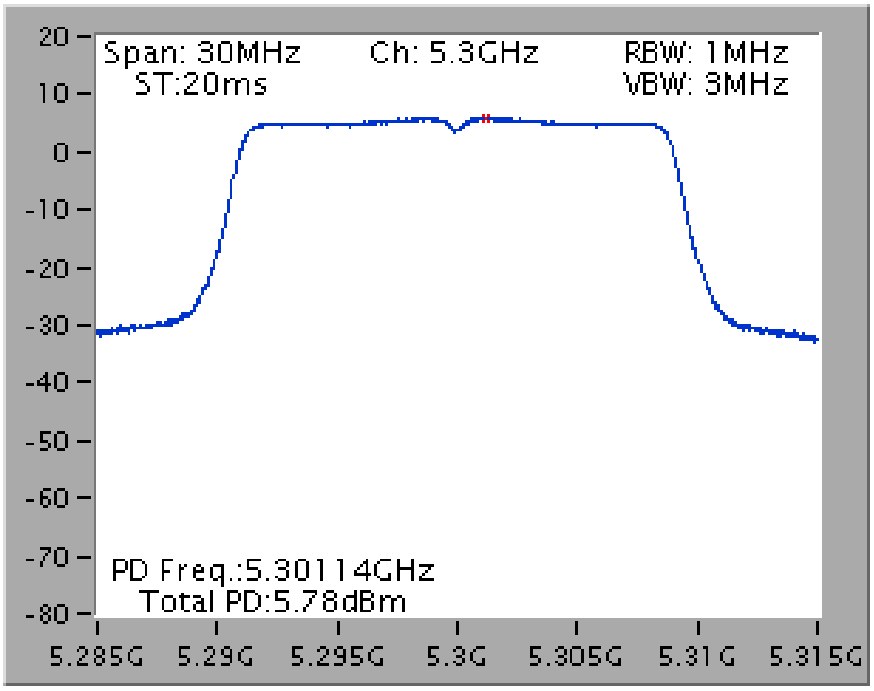


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 2 / 5690 MHz (UNII 3)

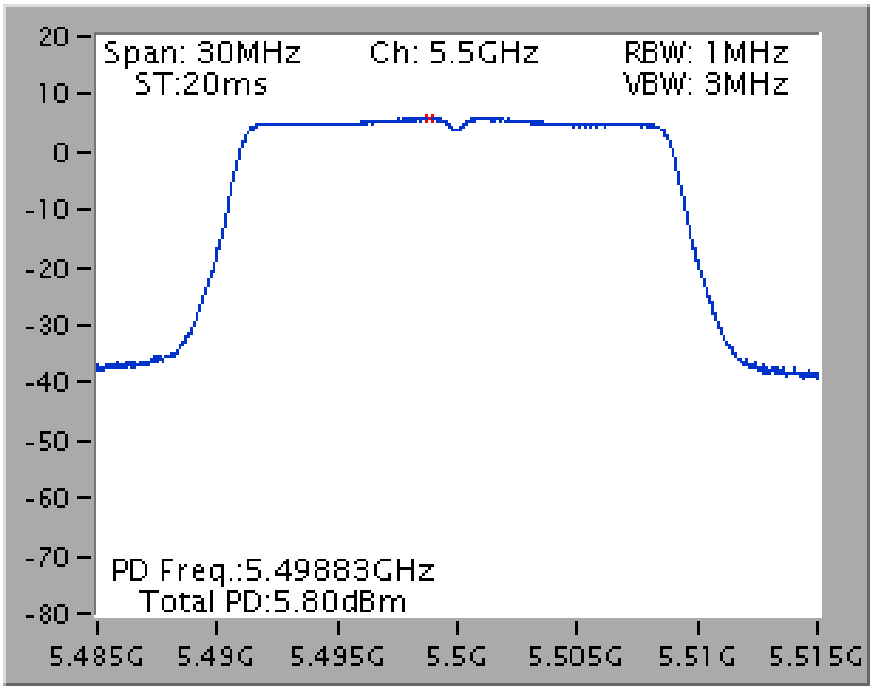


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

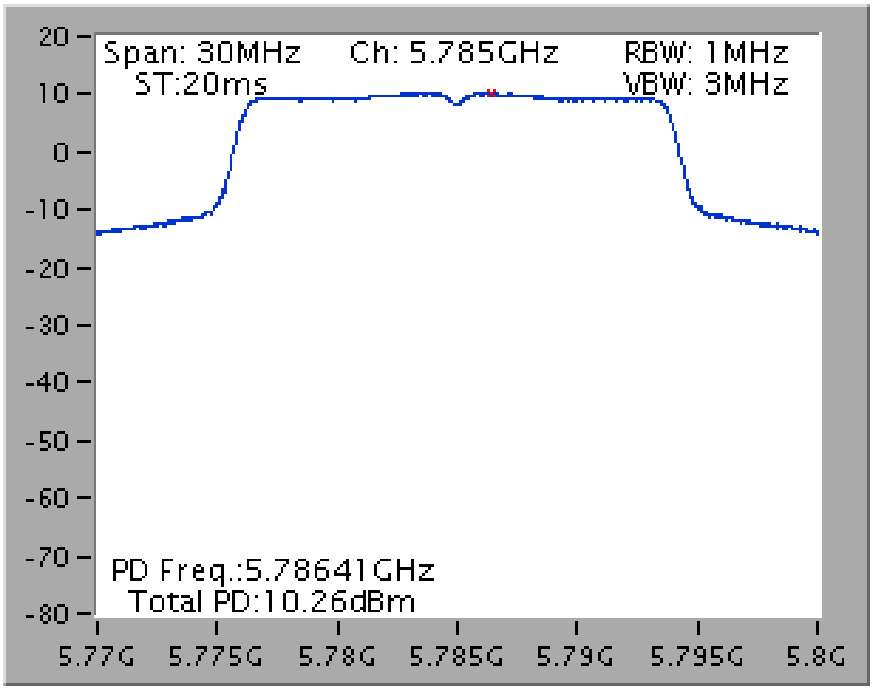
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5300 MHz



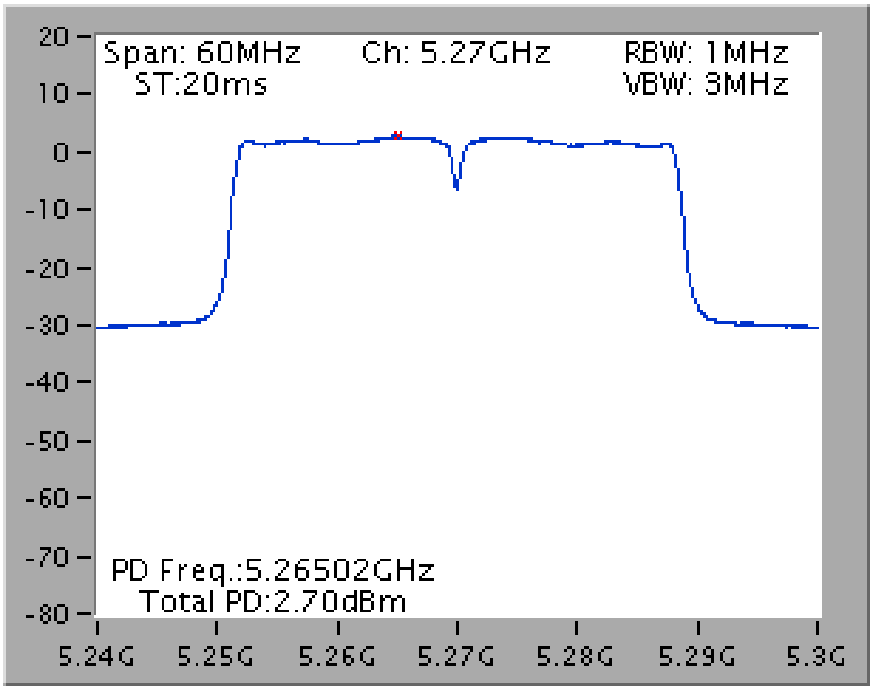
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5500 MHz



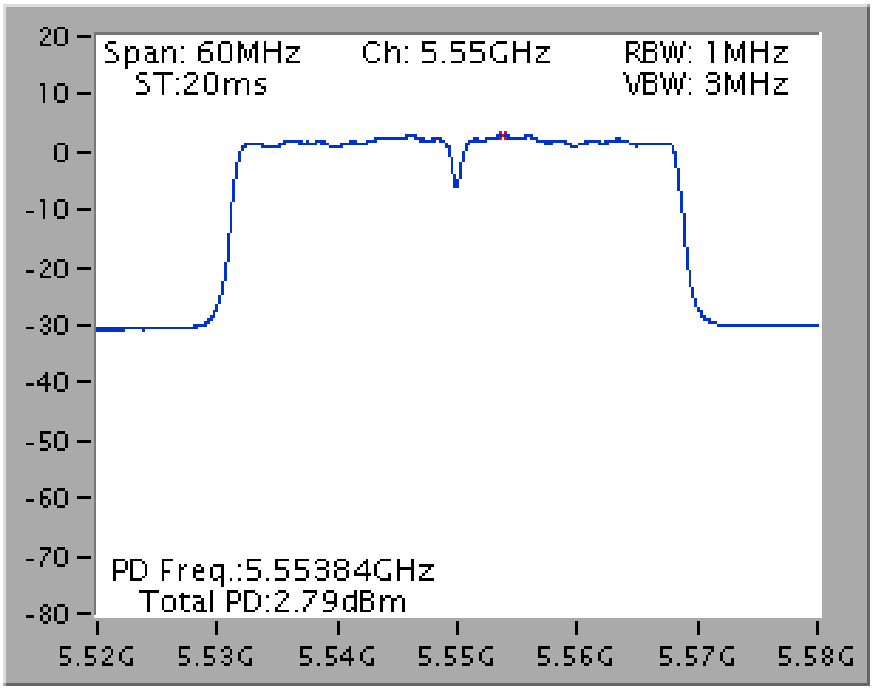
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



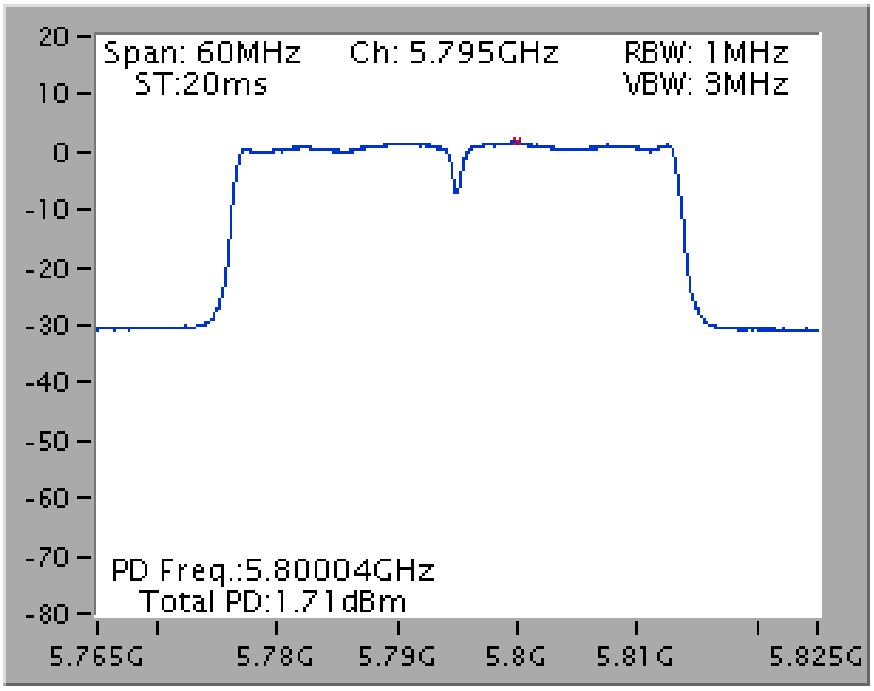
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



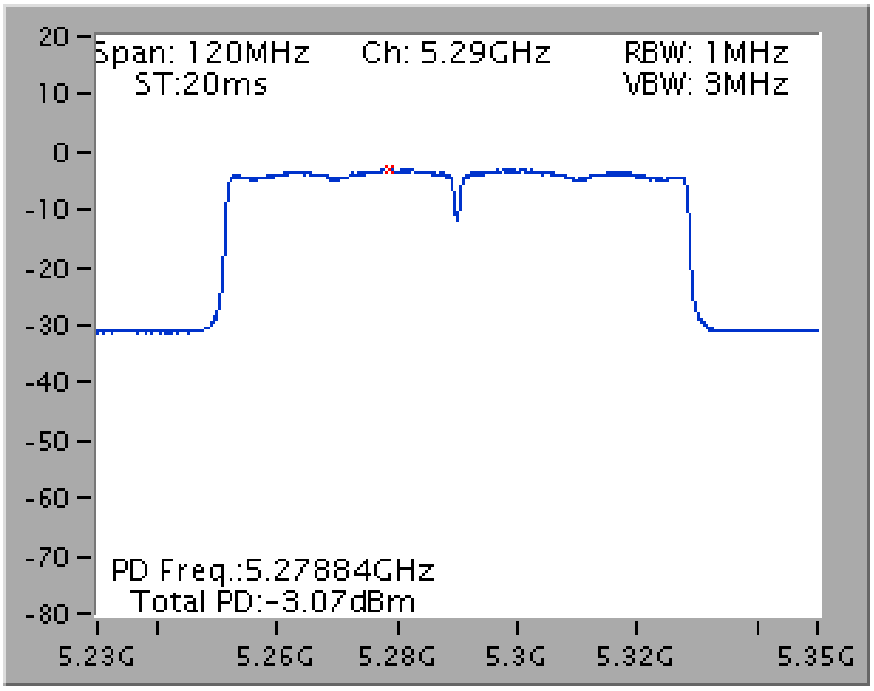
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



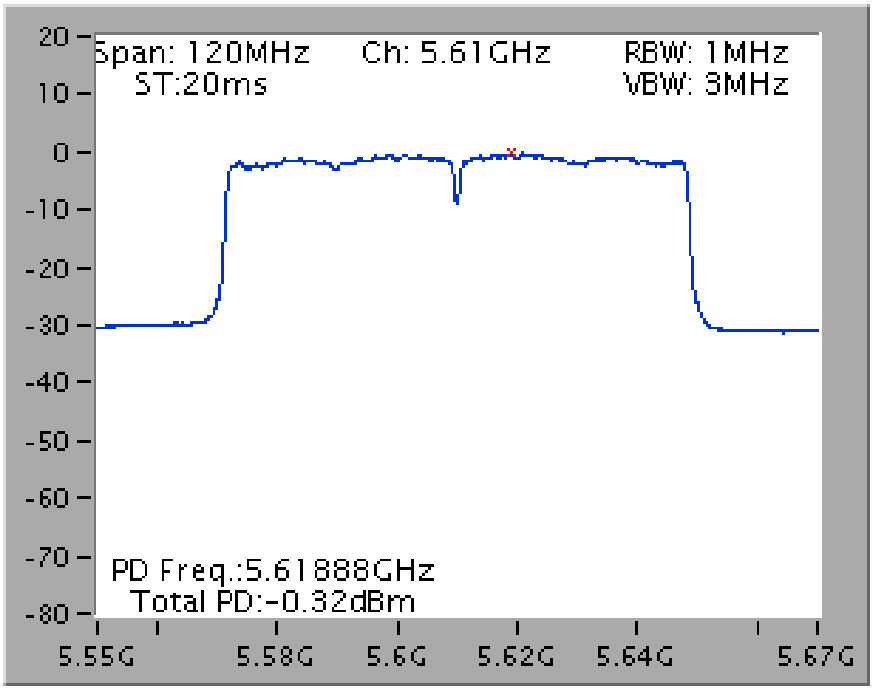
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



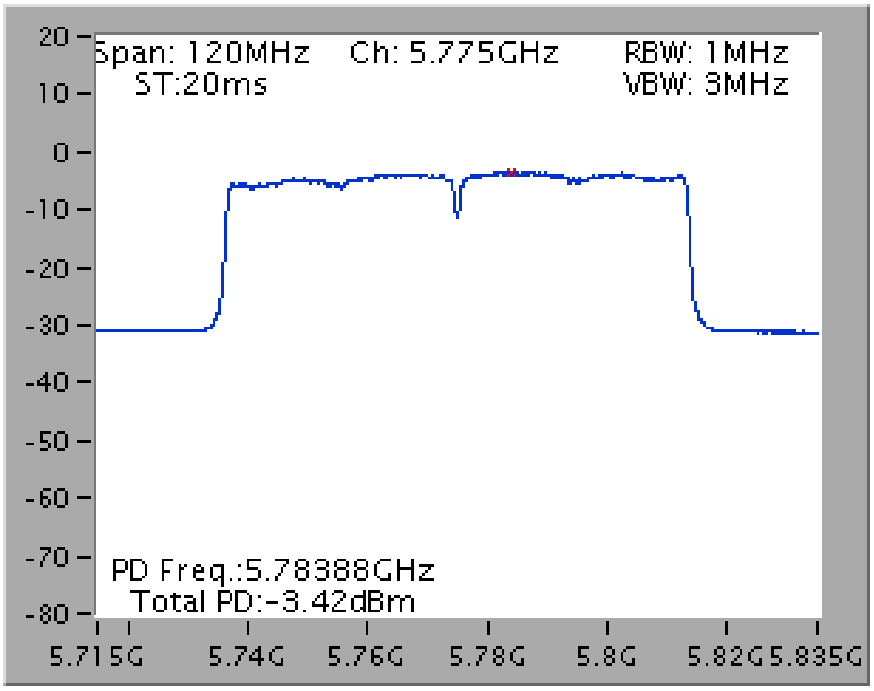
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

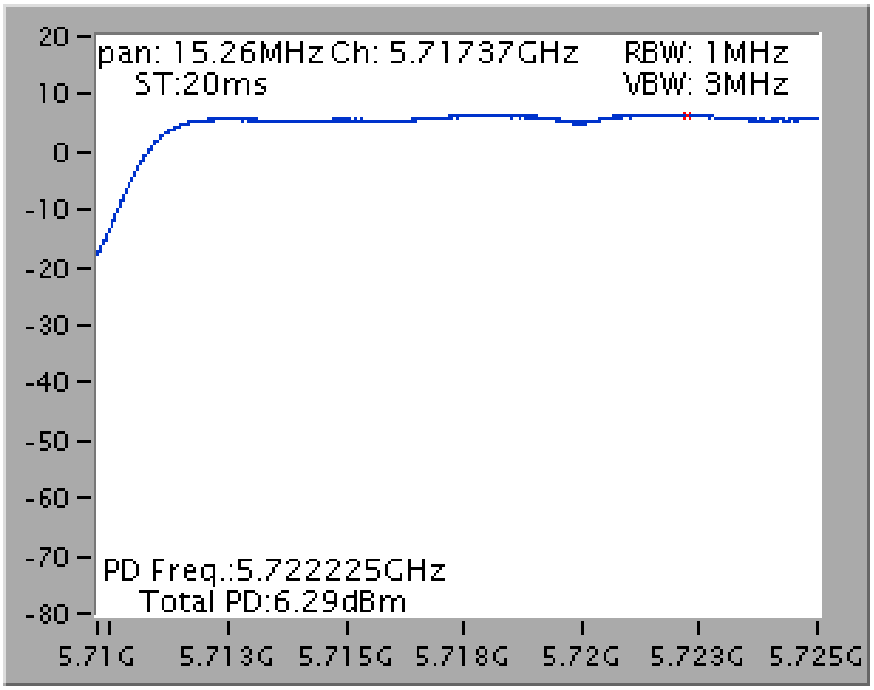


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

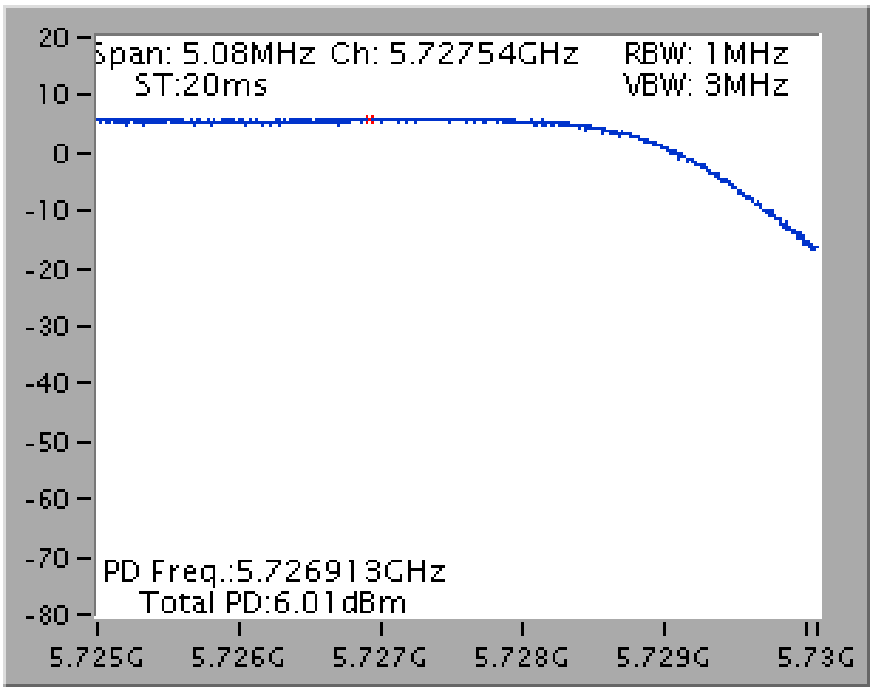


Straddle Channel

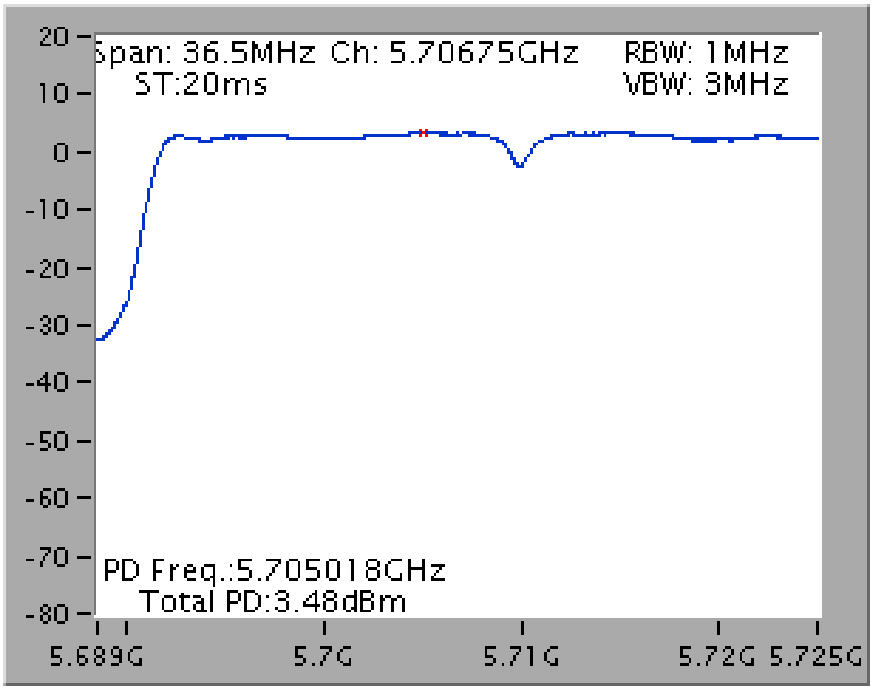
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



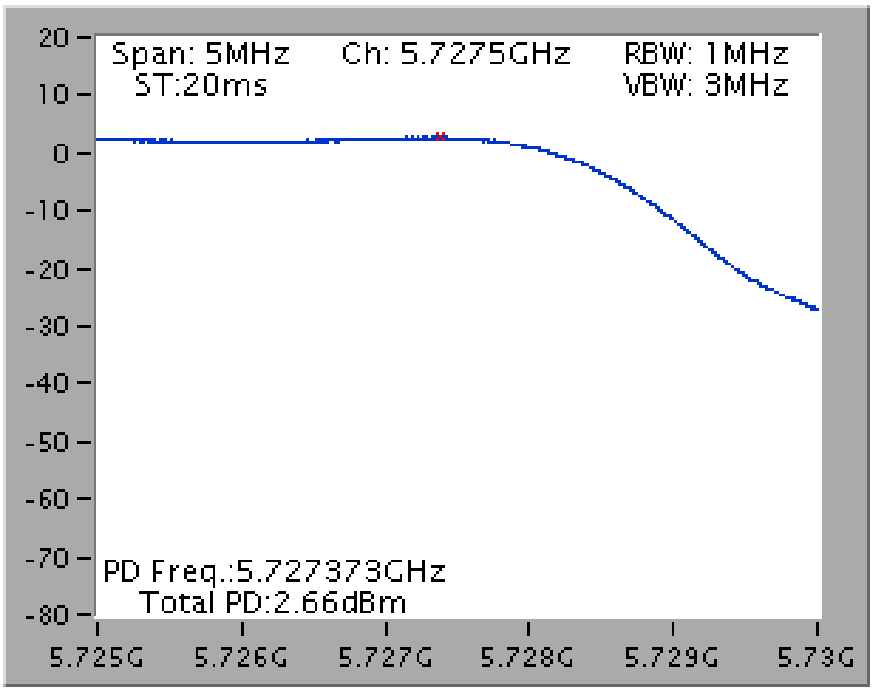
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



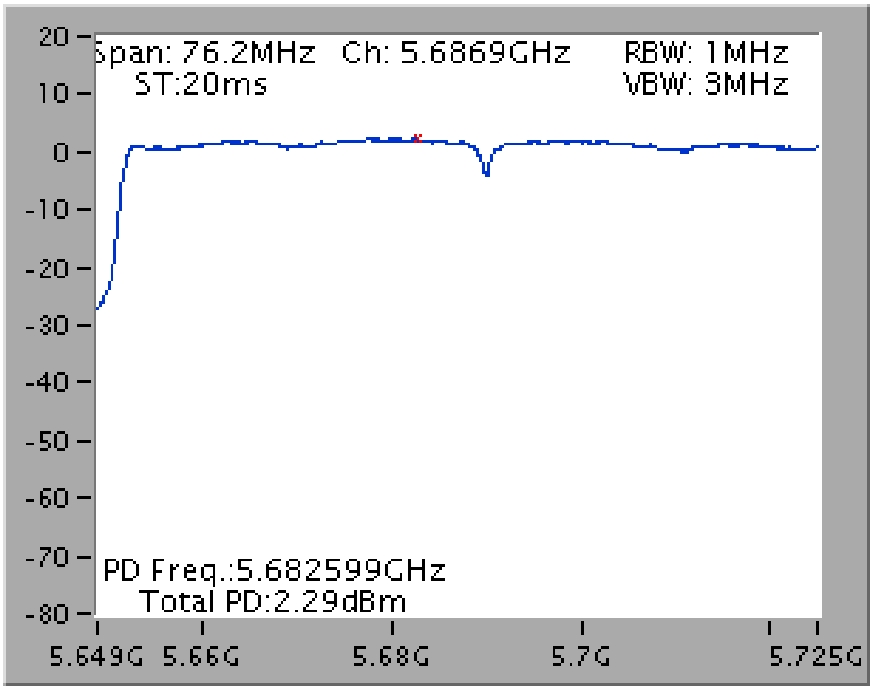
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



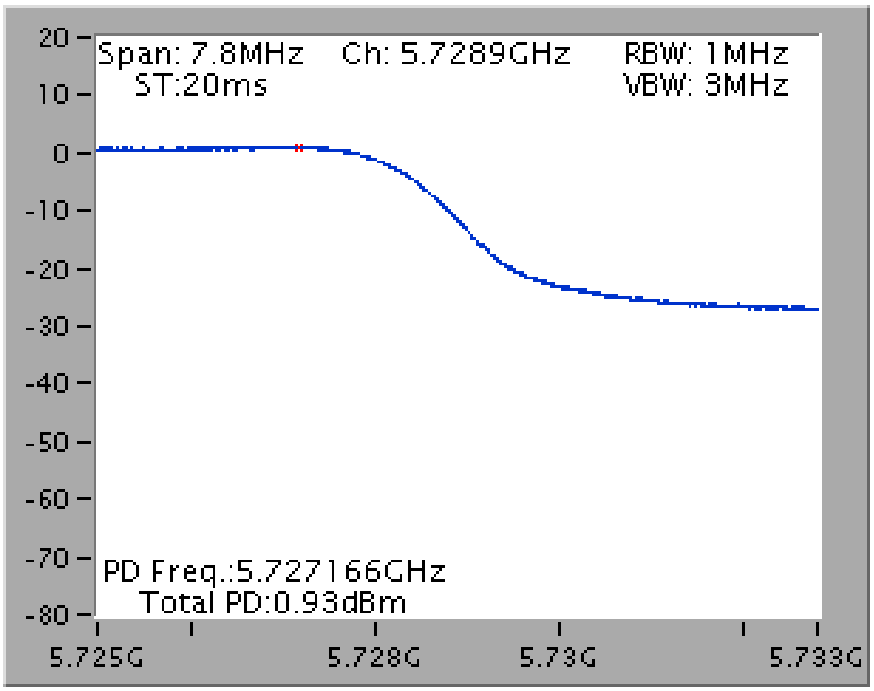
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

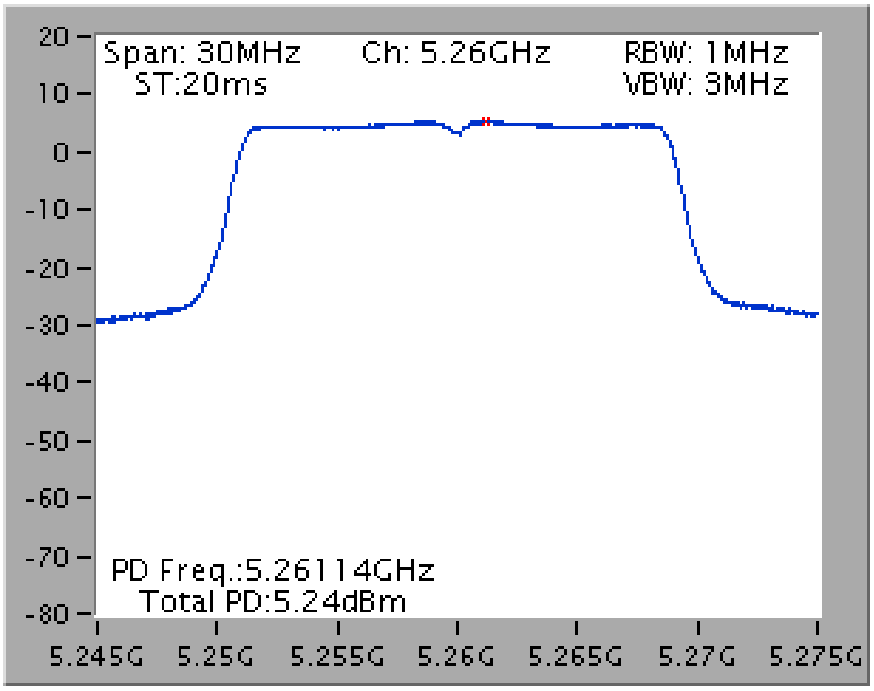


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

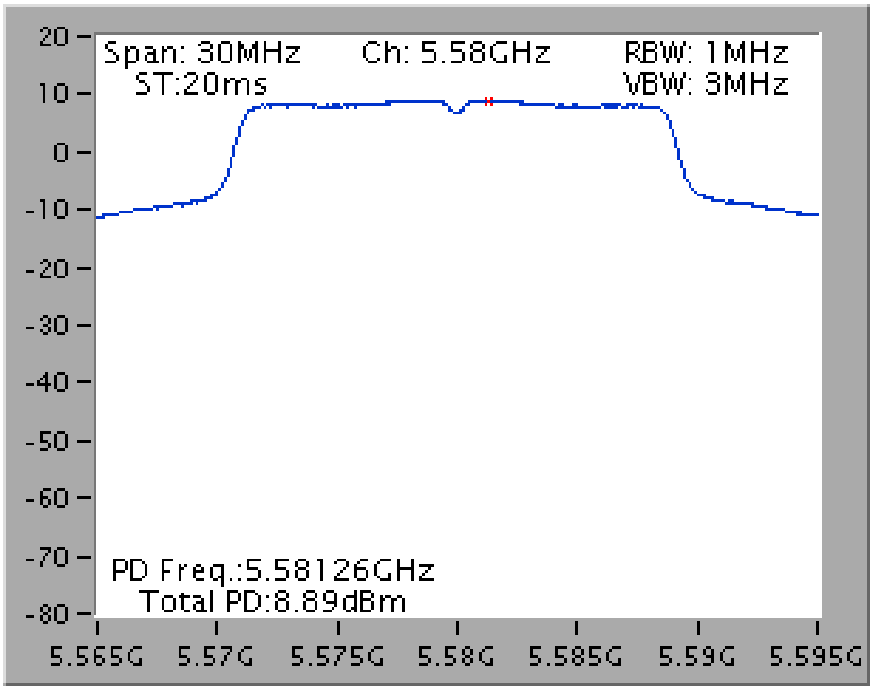


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 1TX)

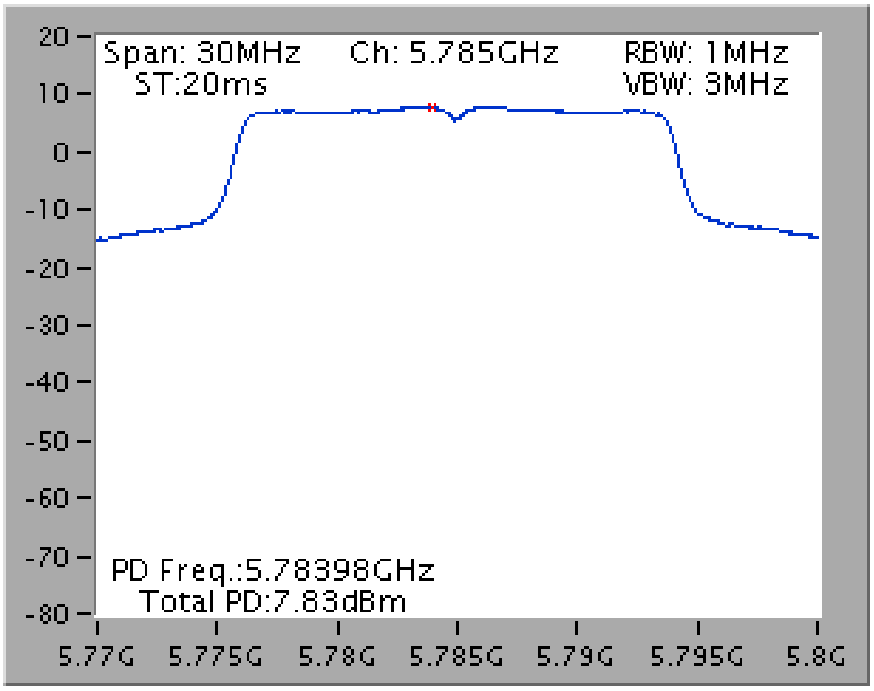
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5260 MHz



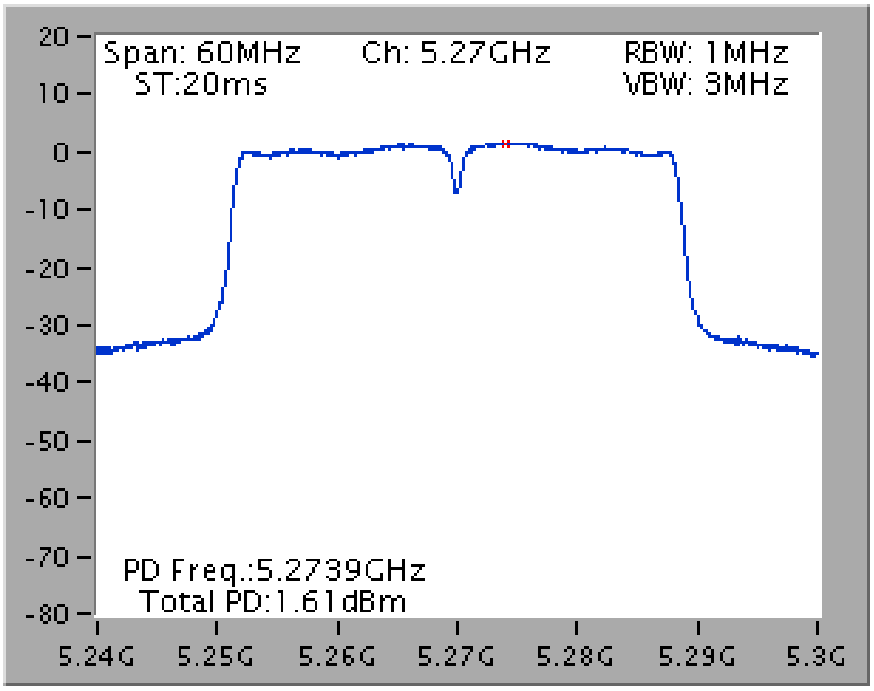
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5580 MHz



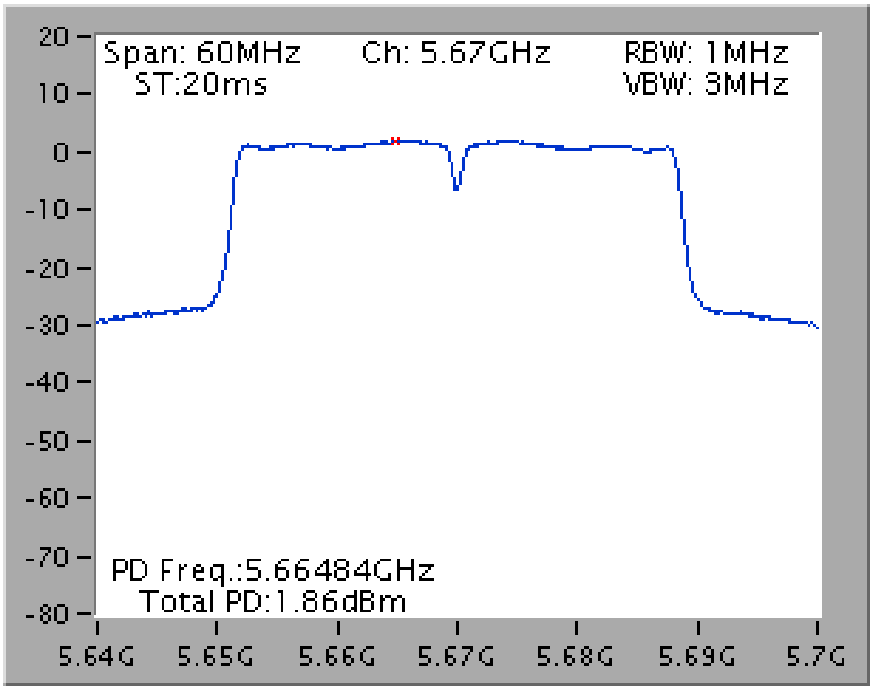
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5785 MHz



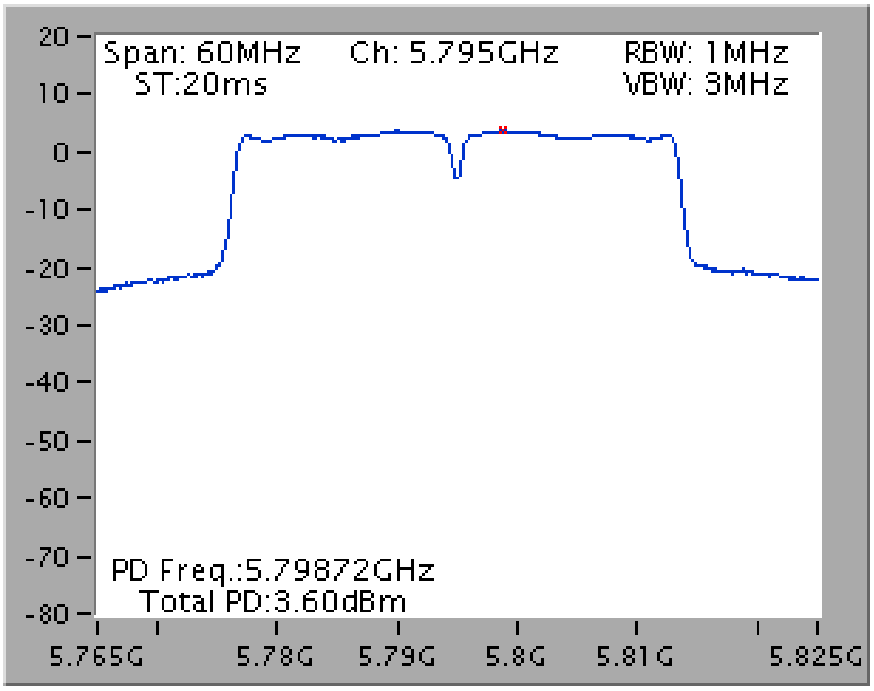
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5270 MHz



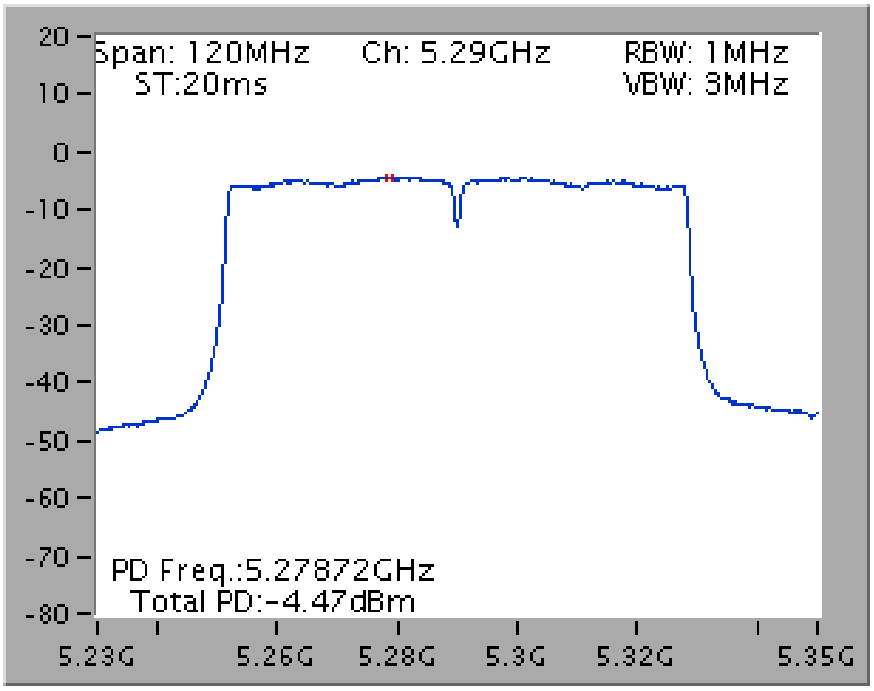
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5670 MHz



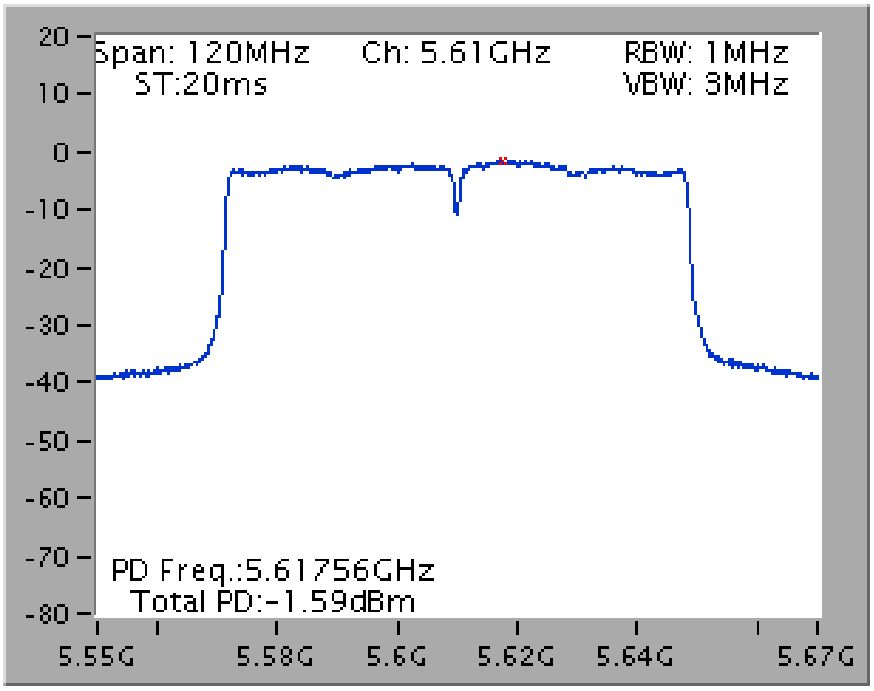
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5795 MHz



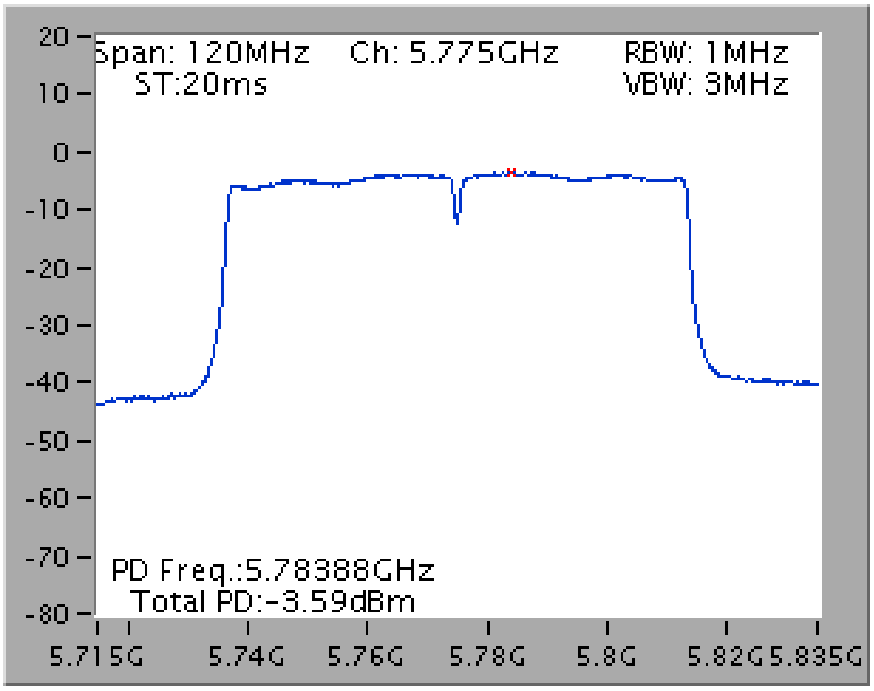
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5610 MHz

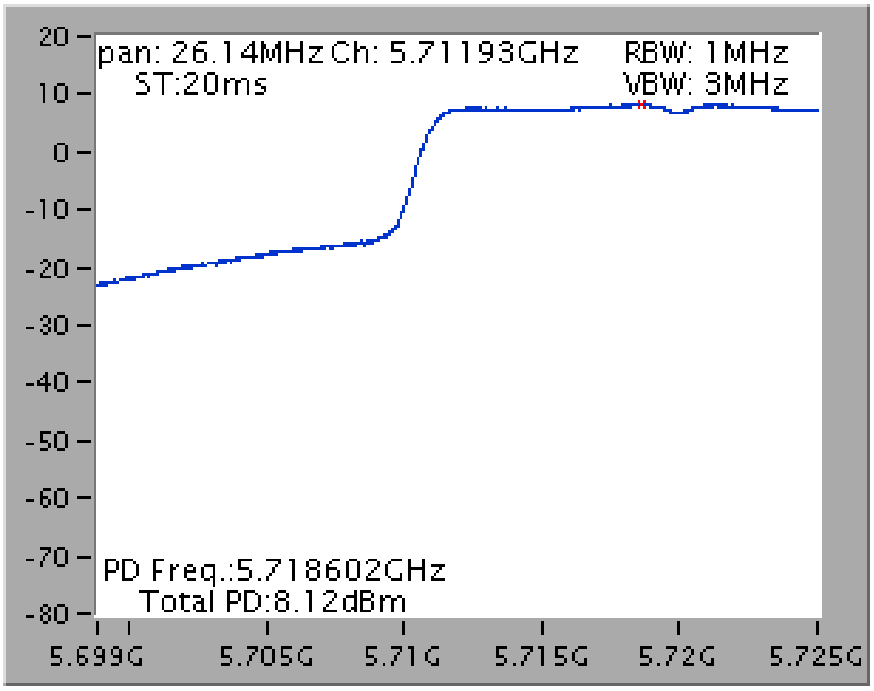


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5775 MHz

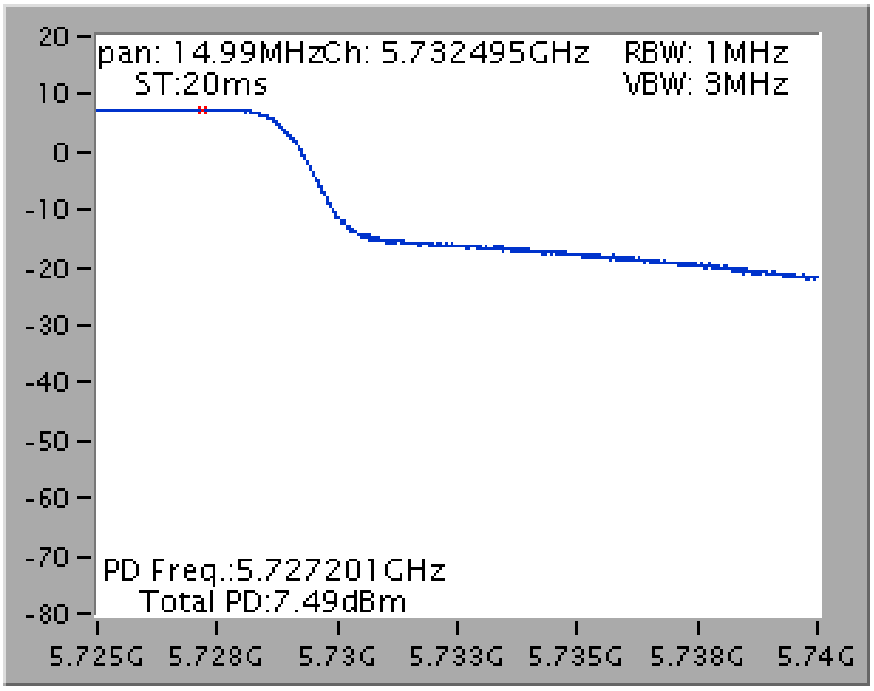


Straddle Channel

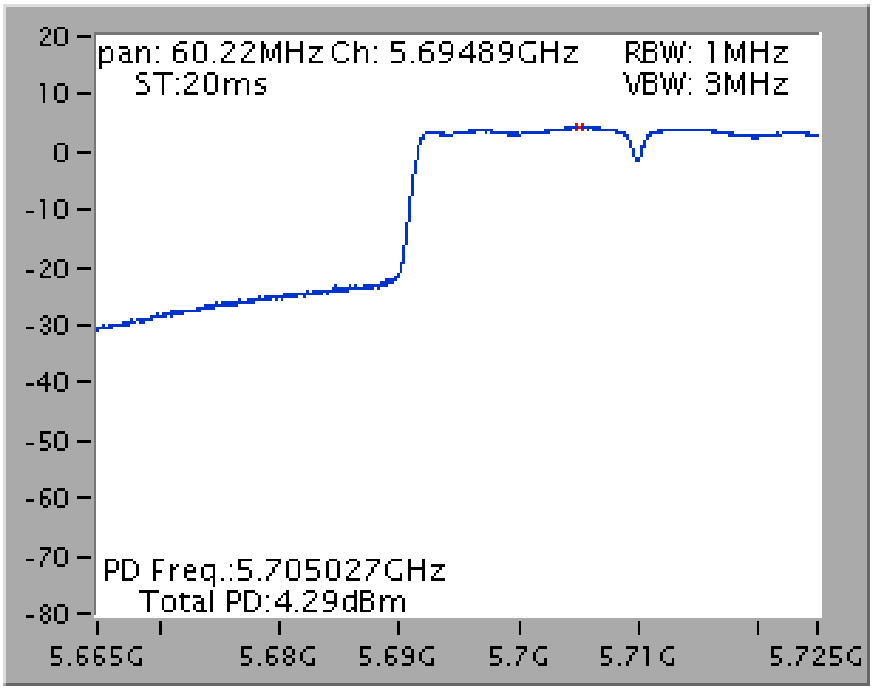
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 2C)



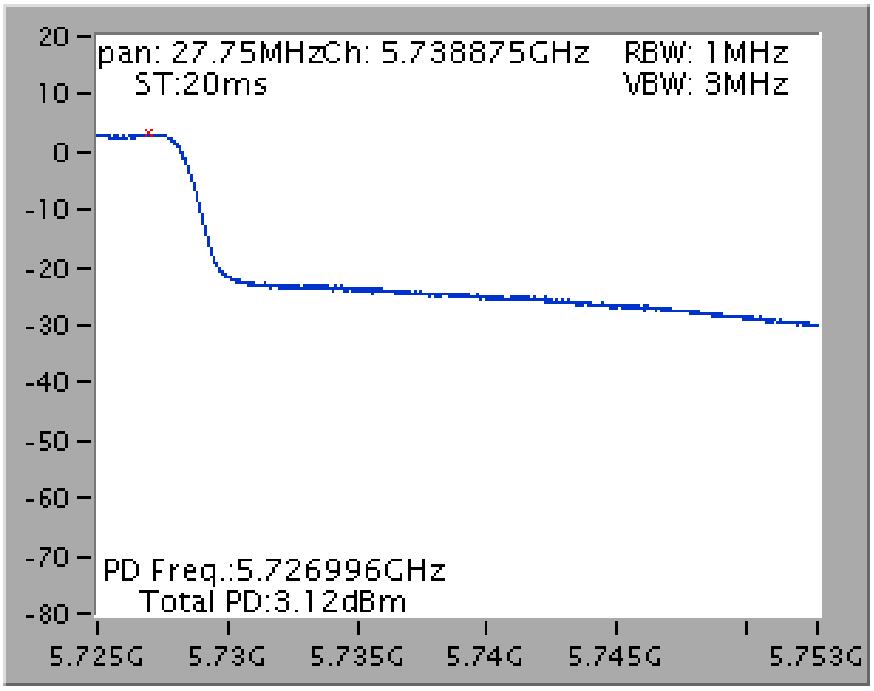
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 / 5720 MHz (UNII 3)



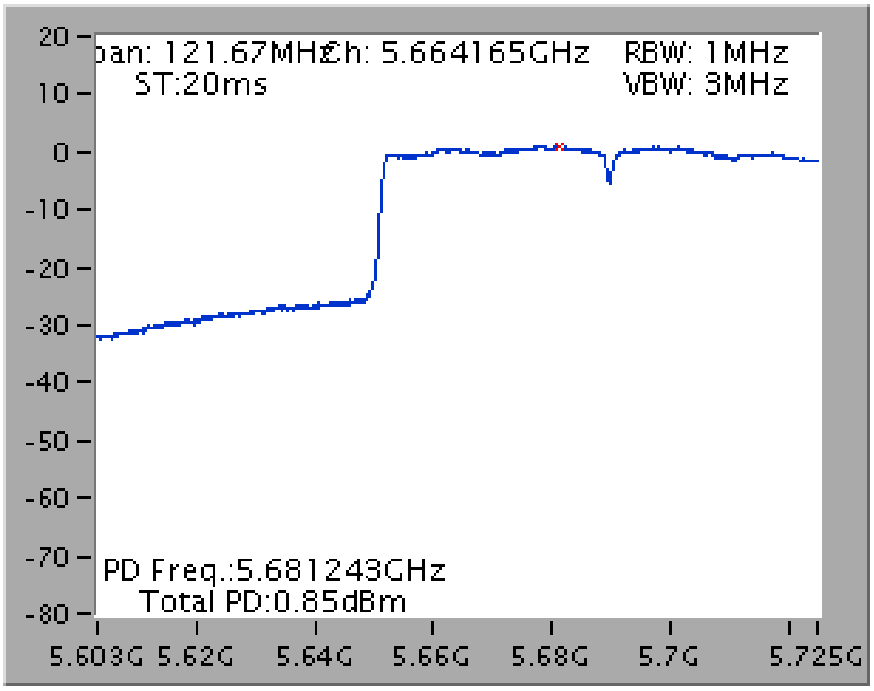
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 2C)



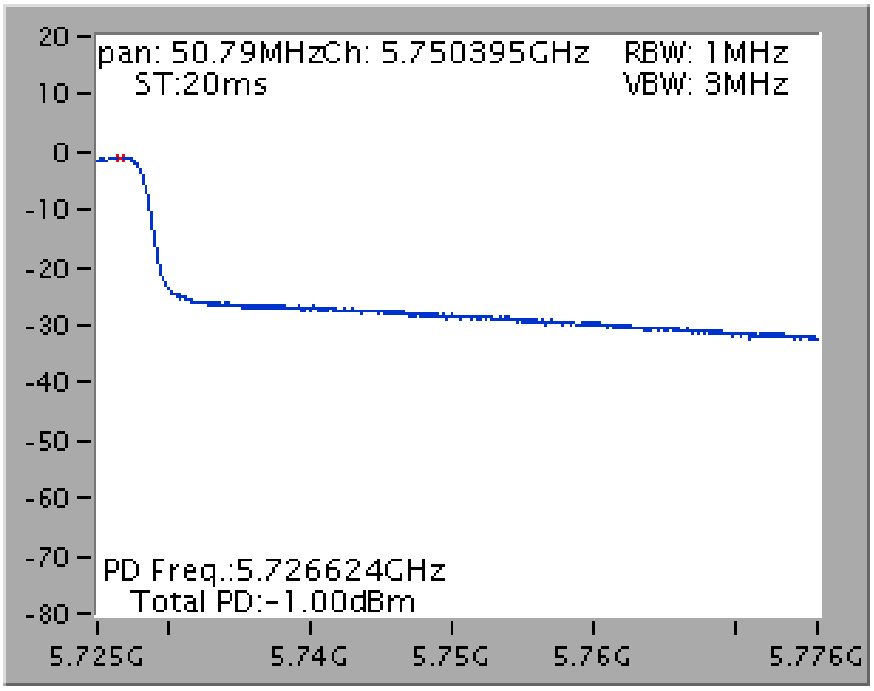
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 2C)

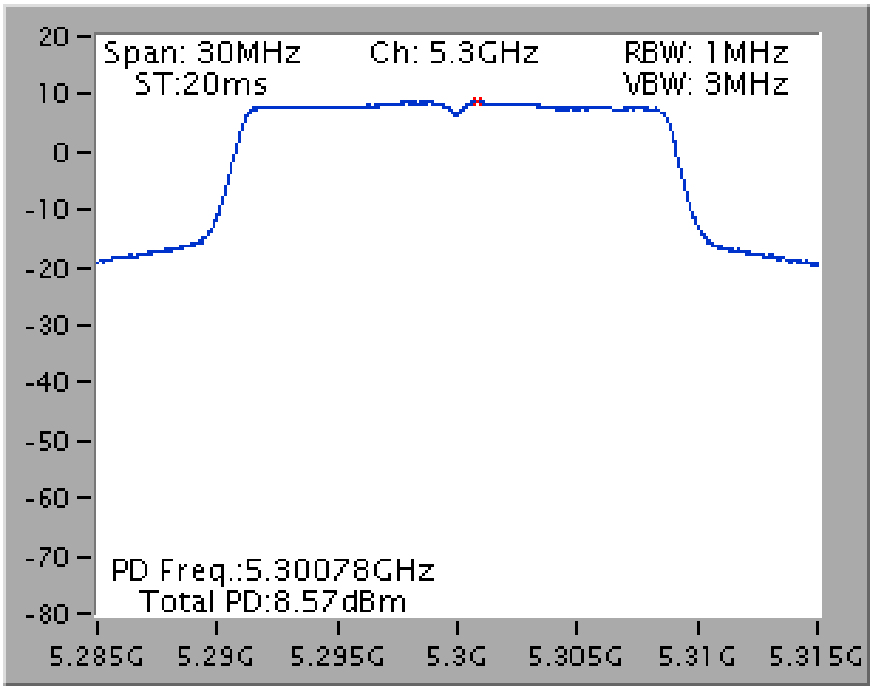


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 / 5690 MHz (UNII 3)

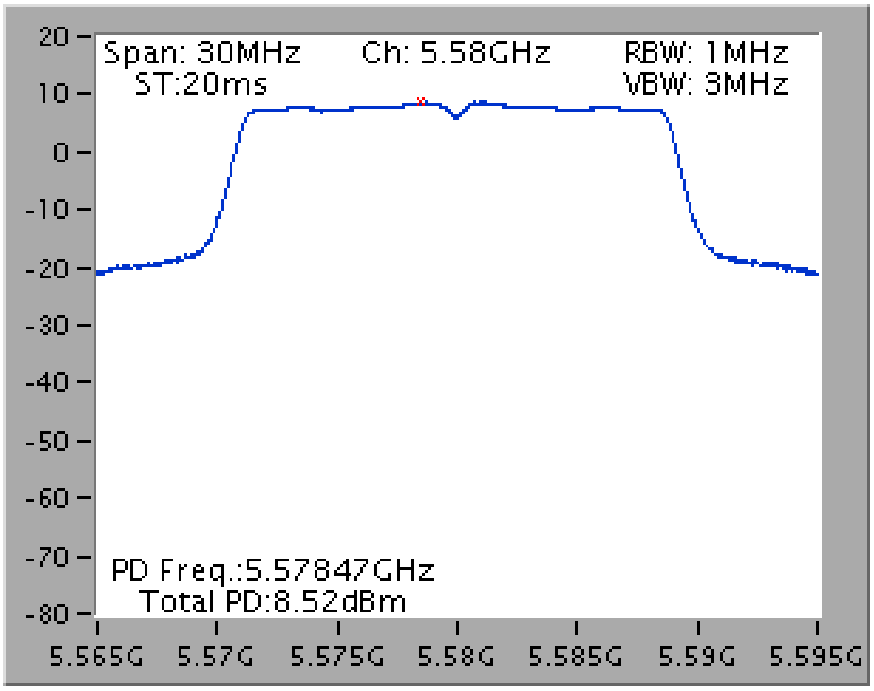


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

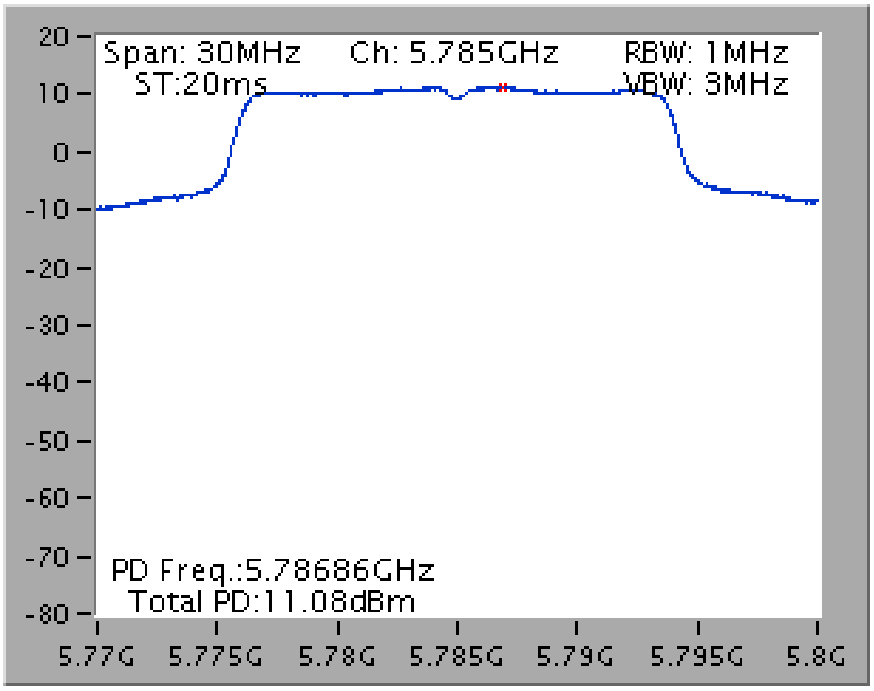
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5300 MHz



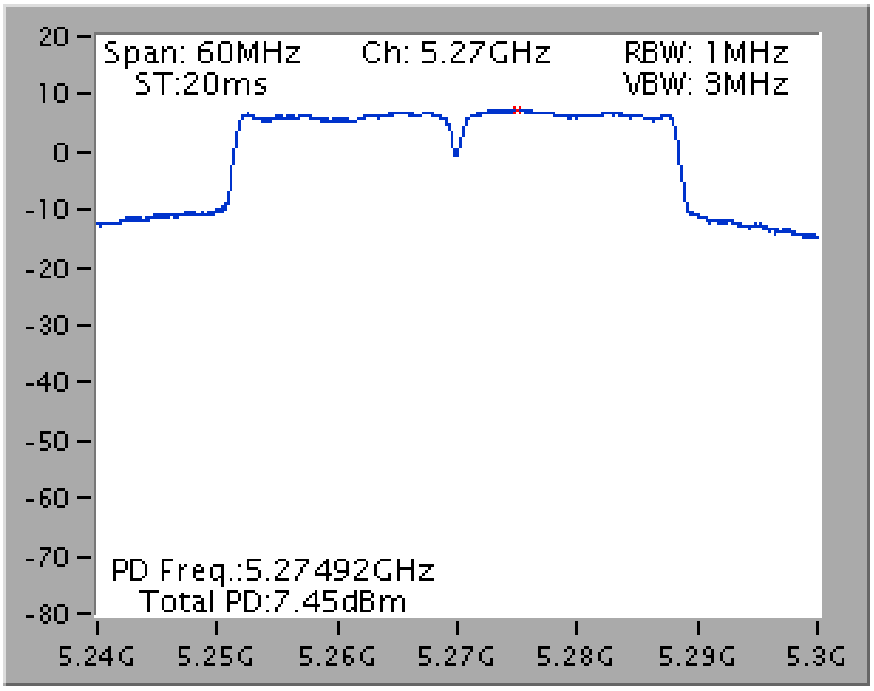
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5580 MHz



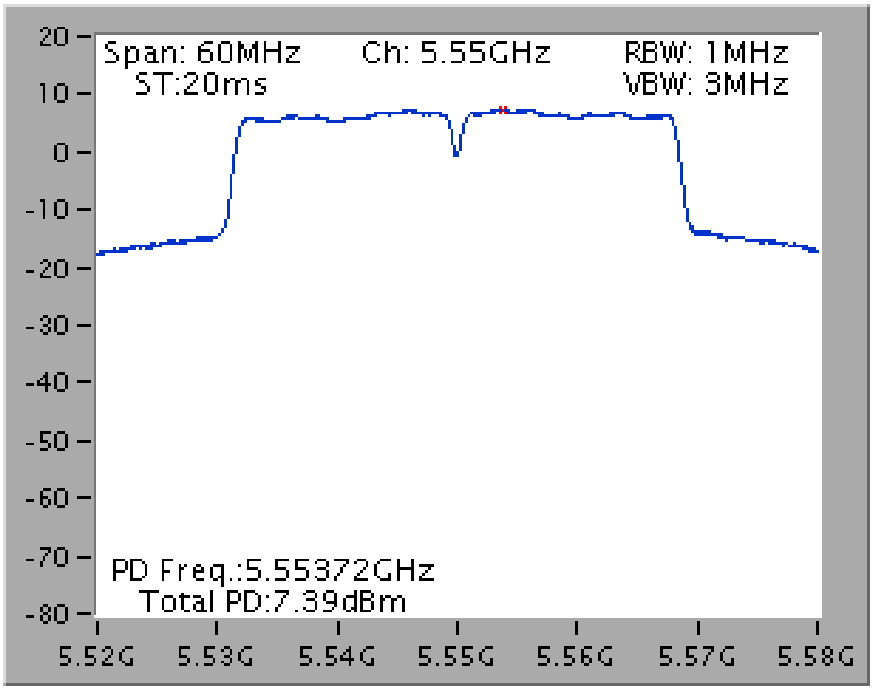
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



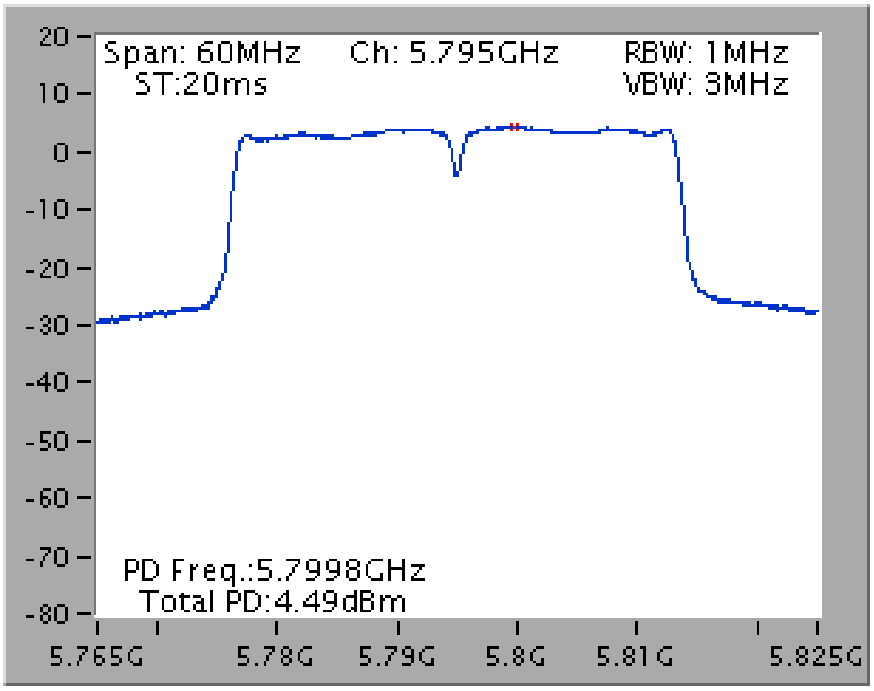
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



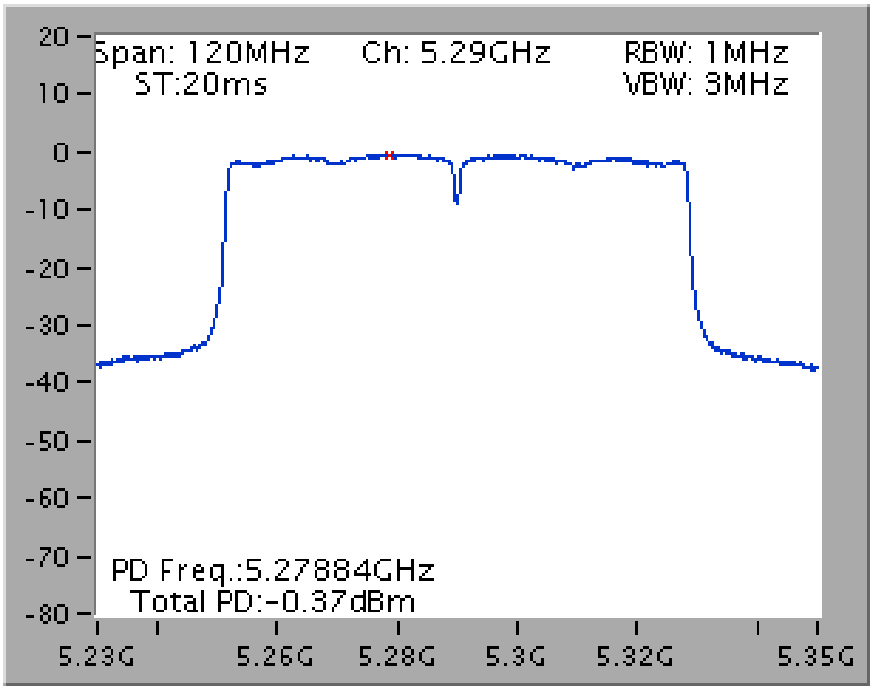
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



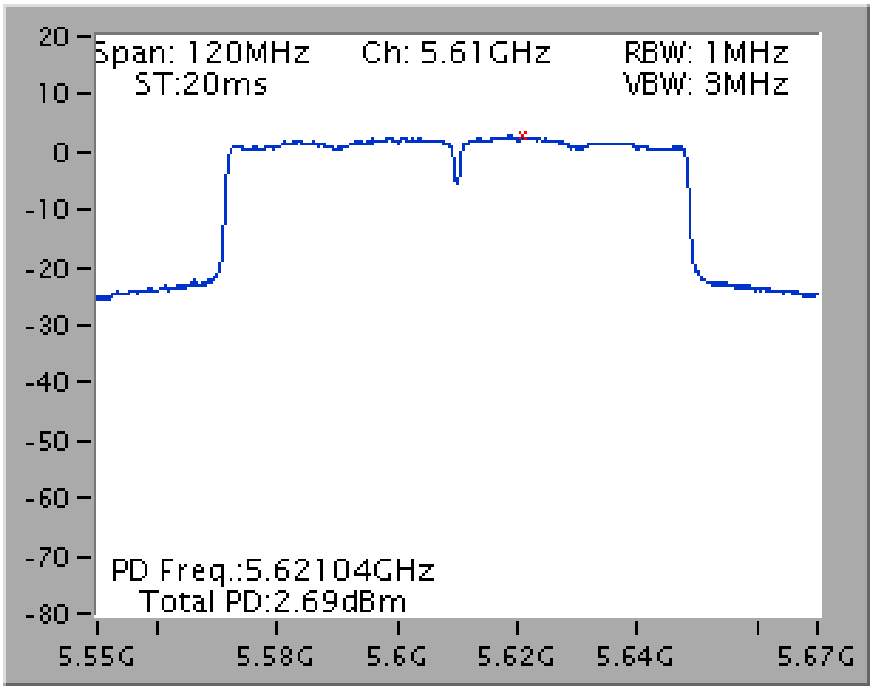
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



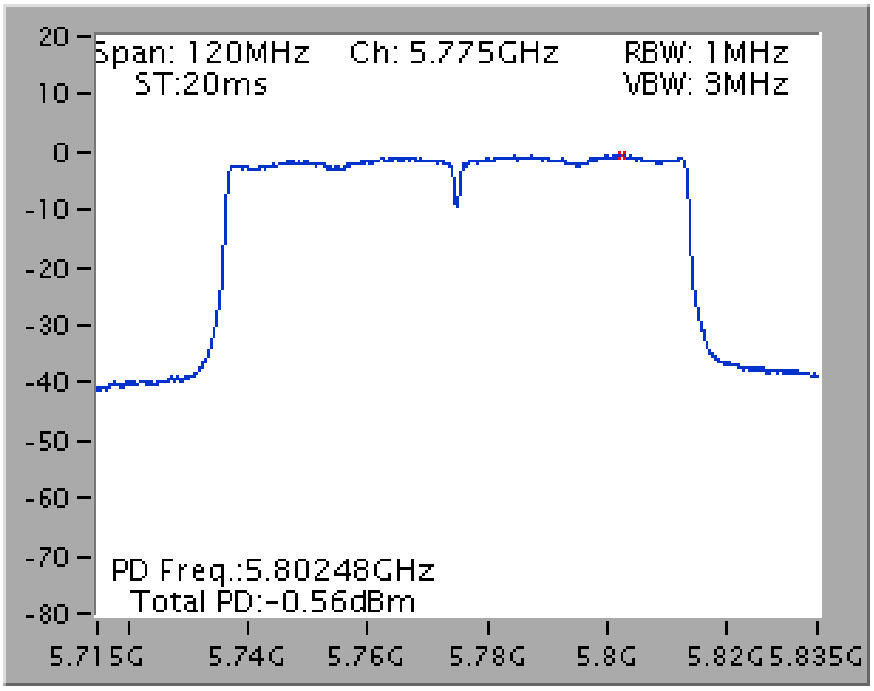
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

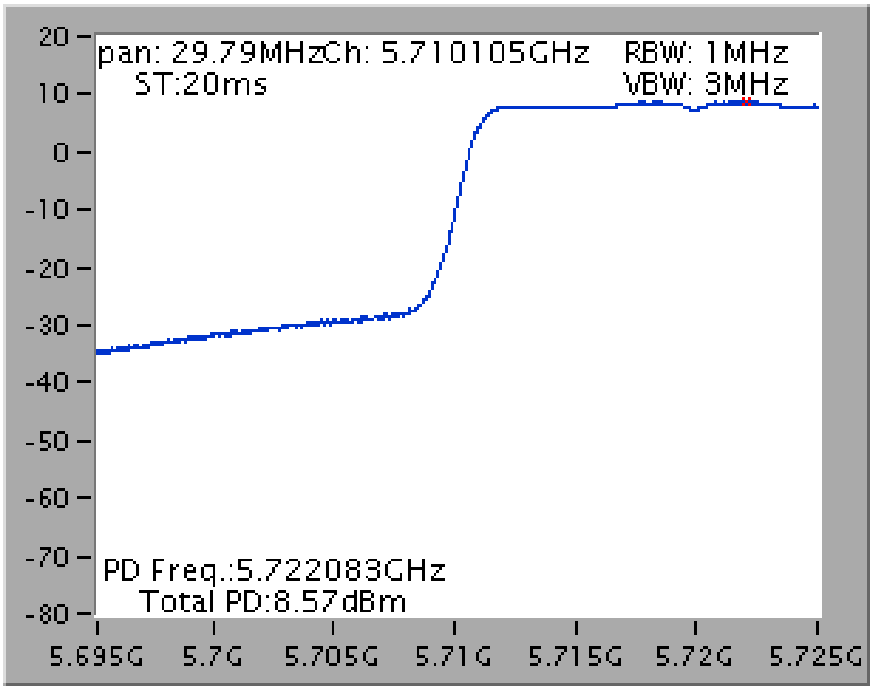


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

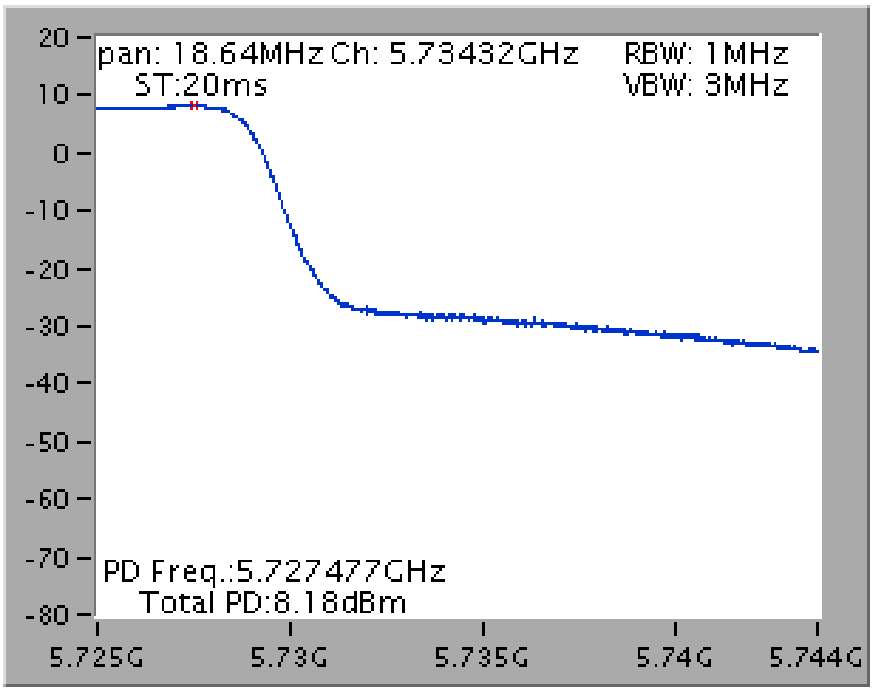


Straddle Channel

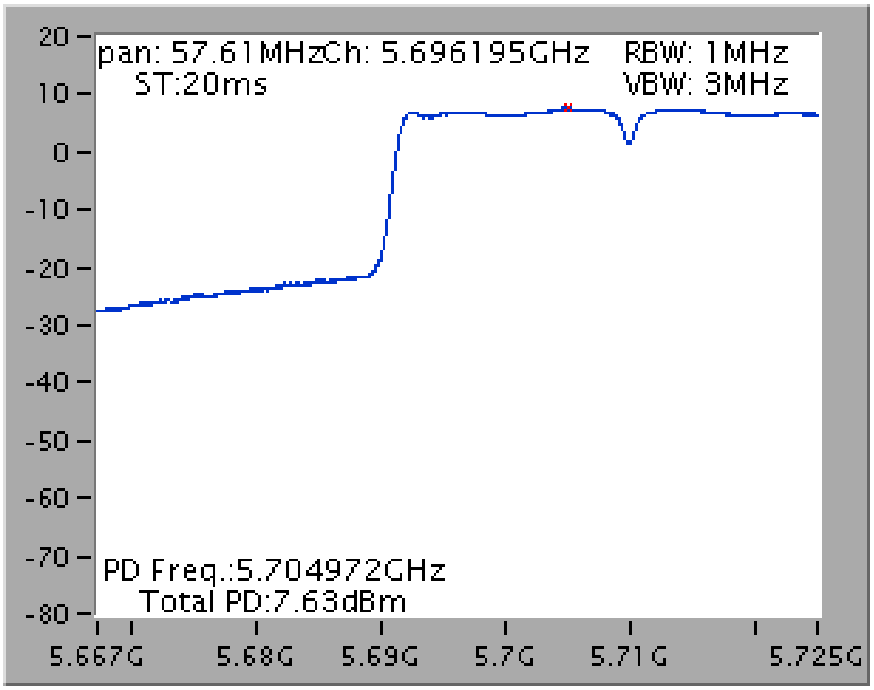
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



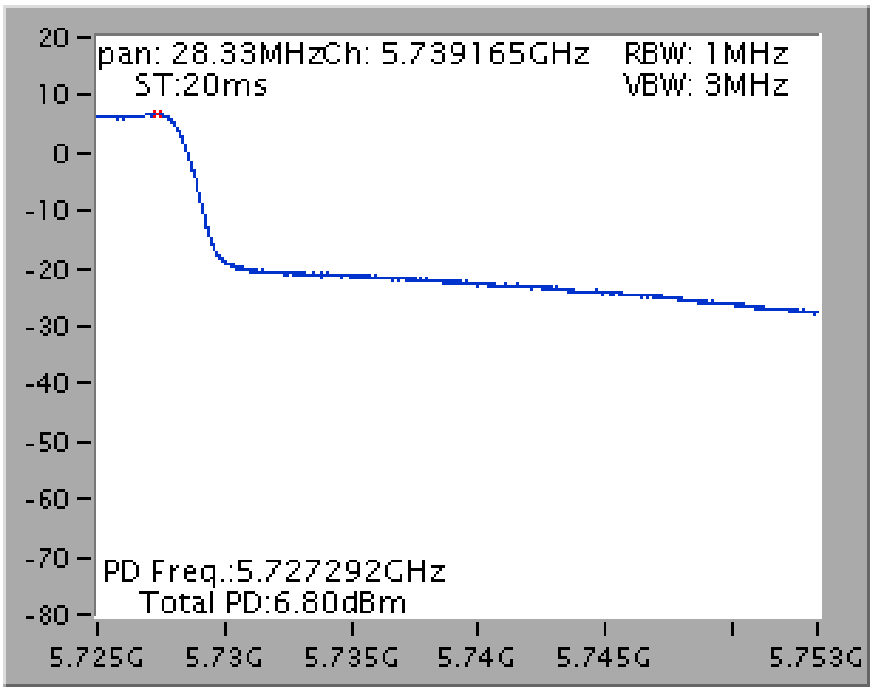
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



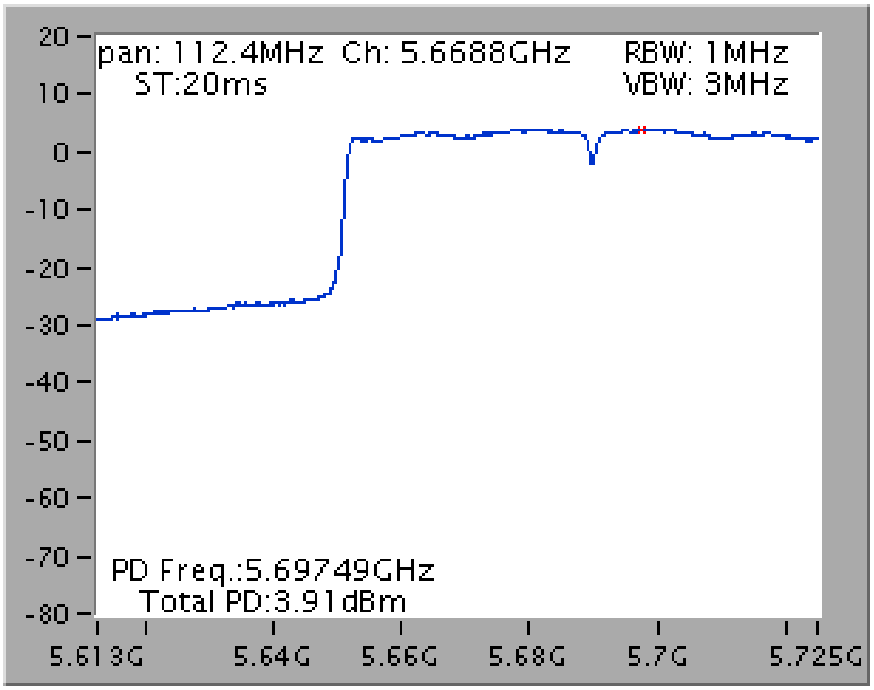
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



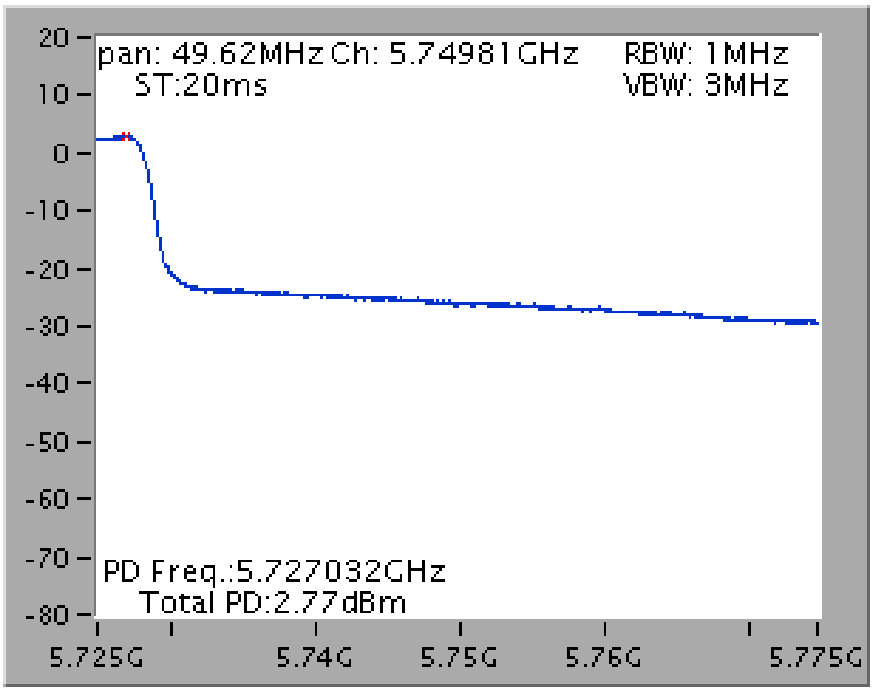
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

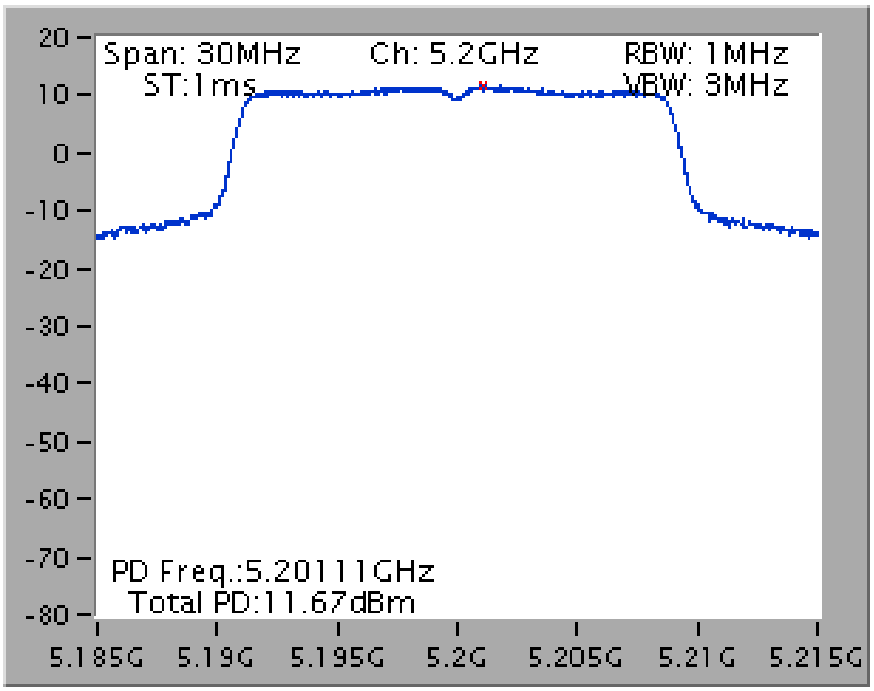


<For Beamforming Mode>

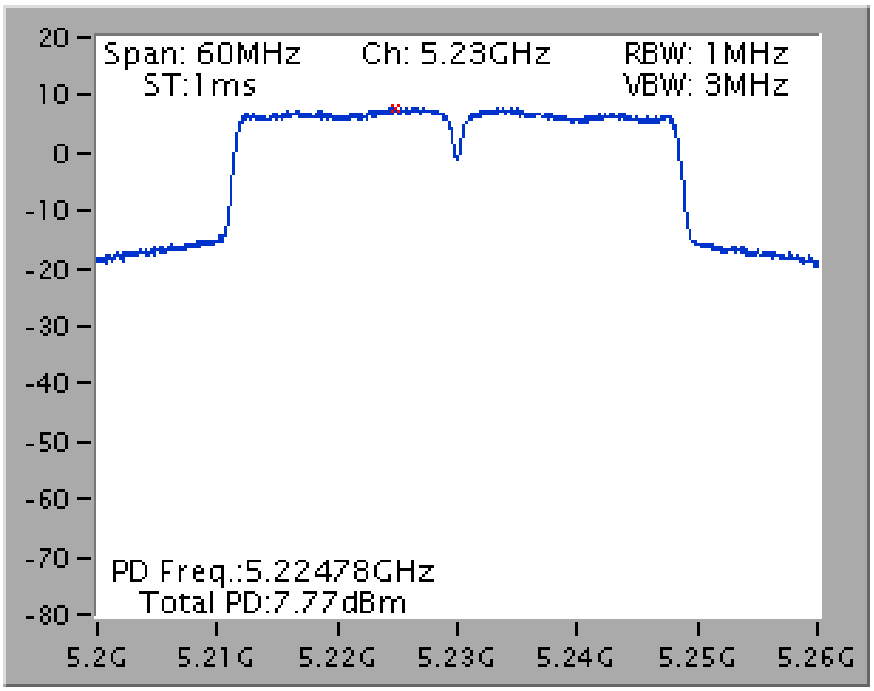
For indoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

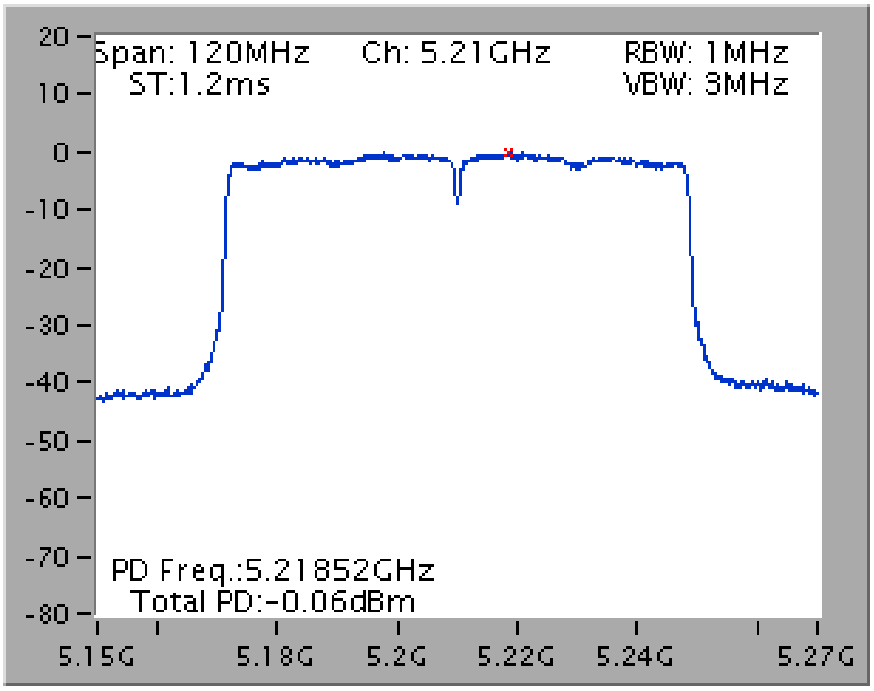
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

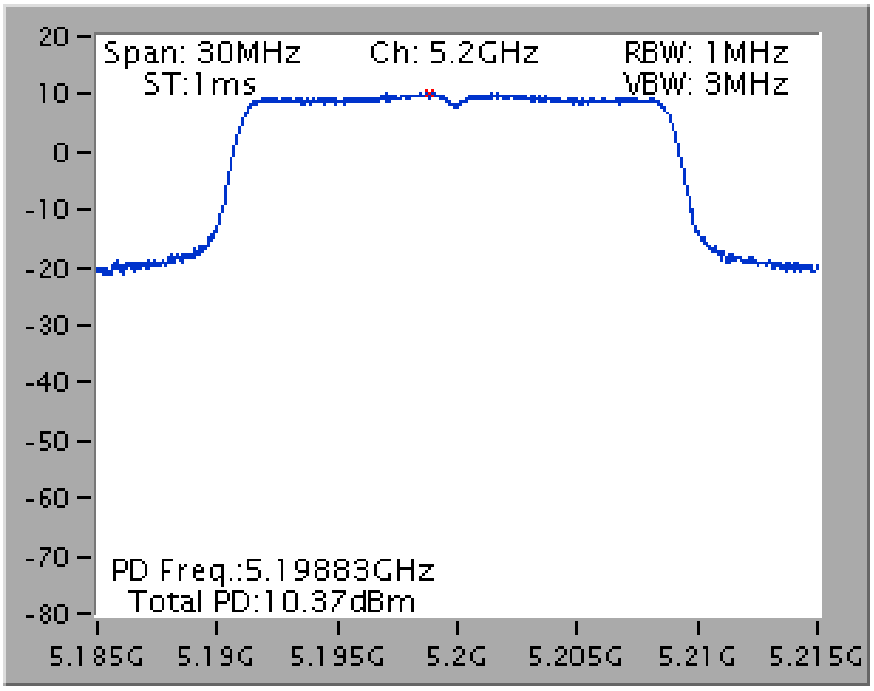


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

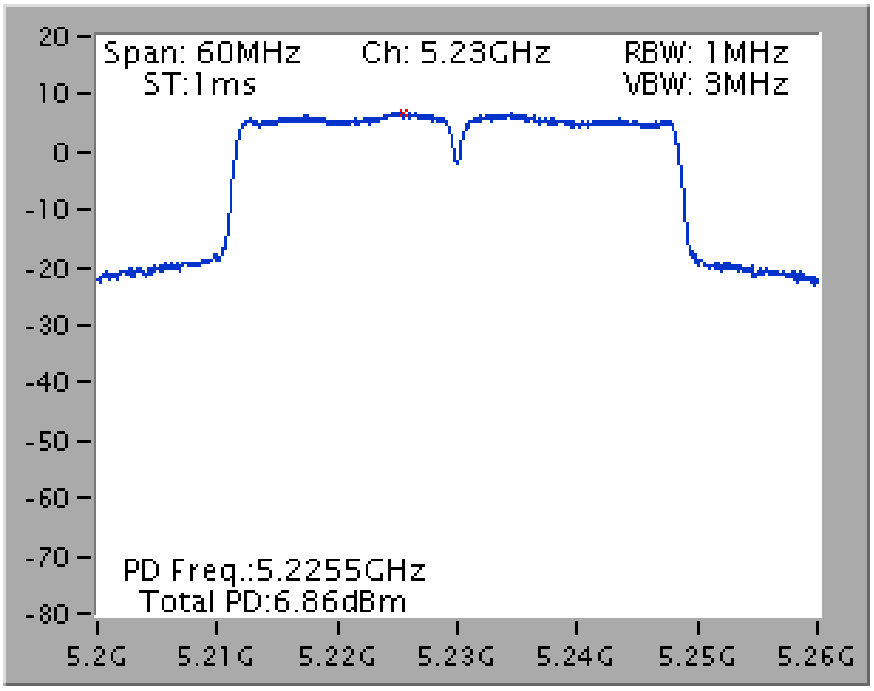


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

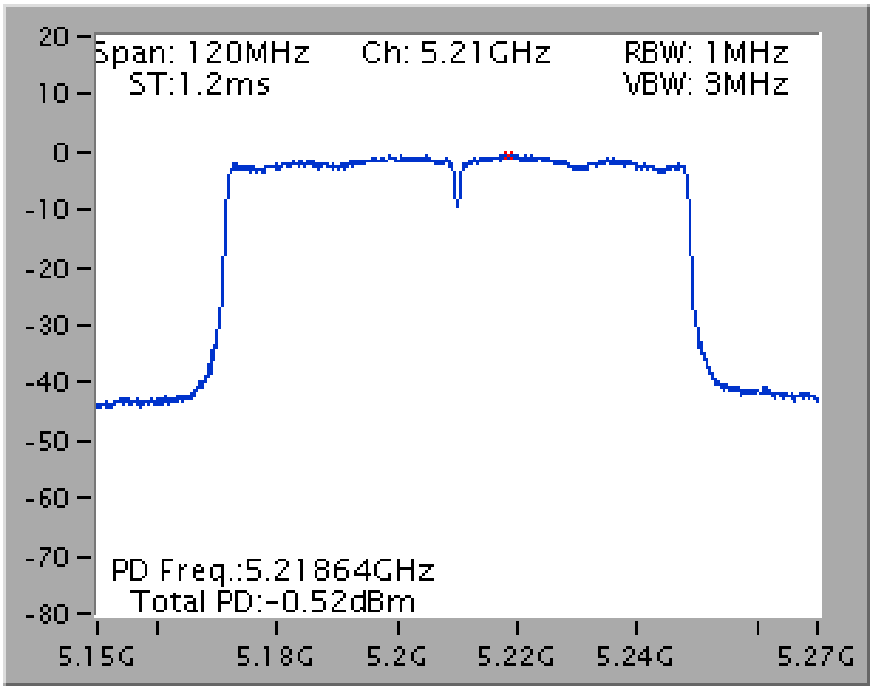
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

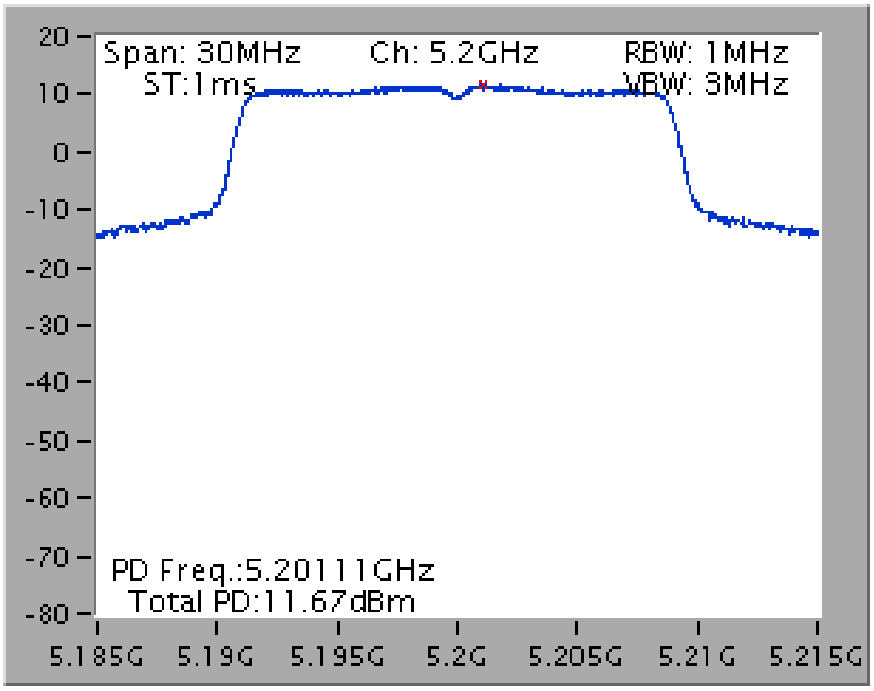


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

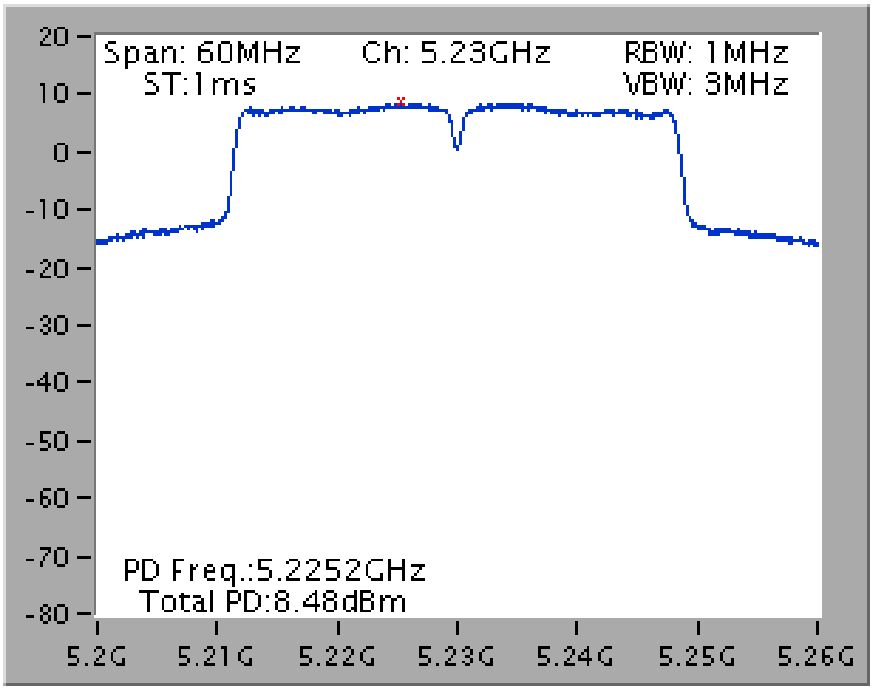


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

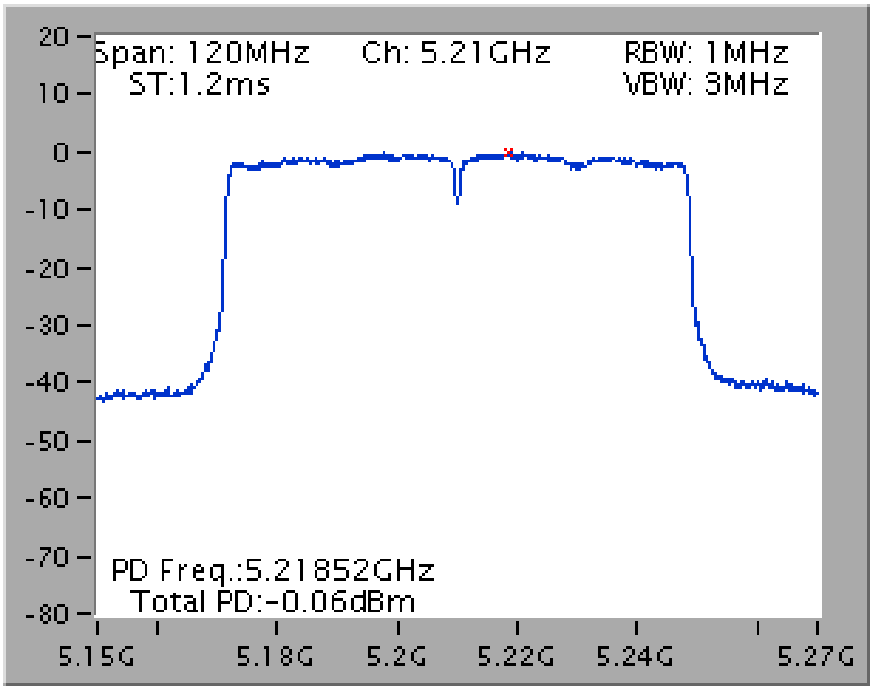
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz



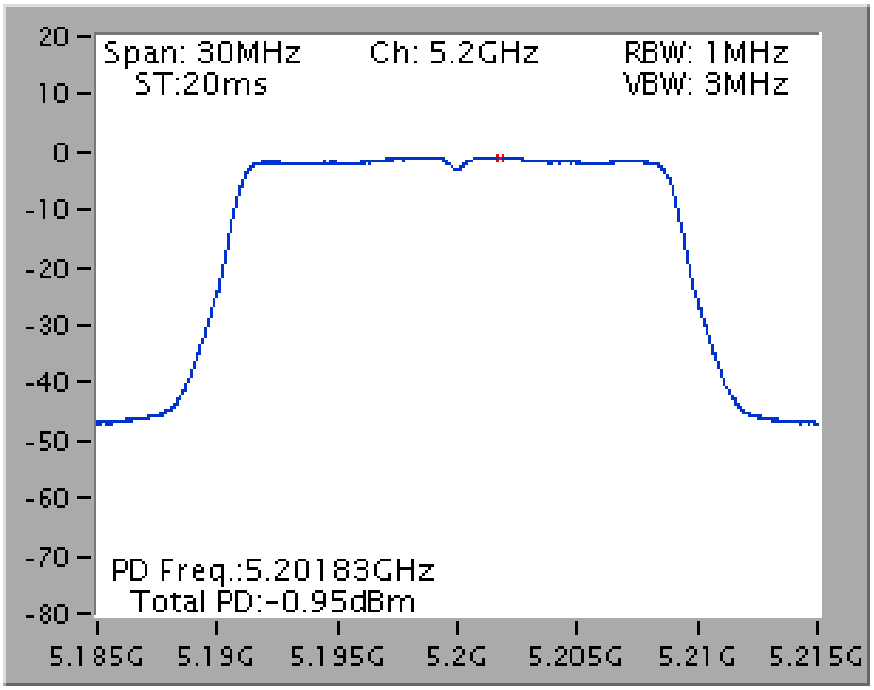
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



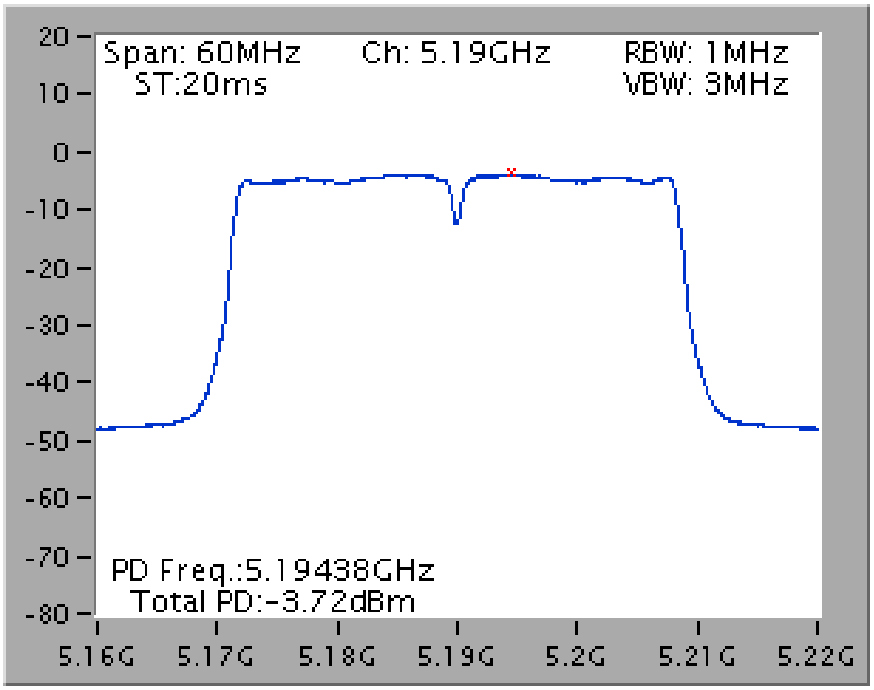
For outdoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

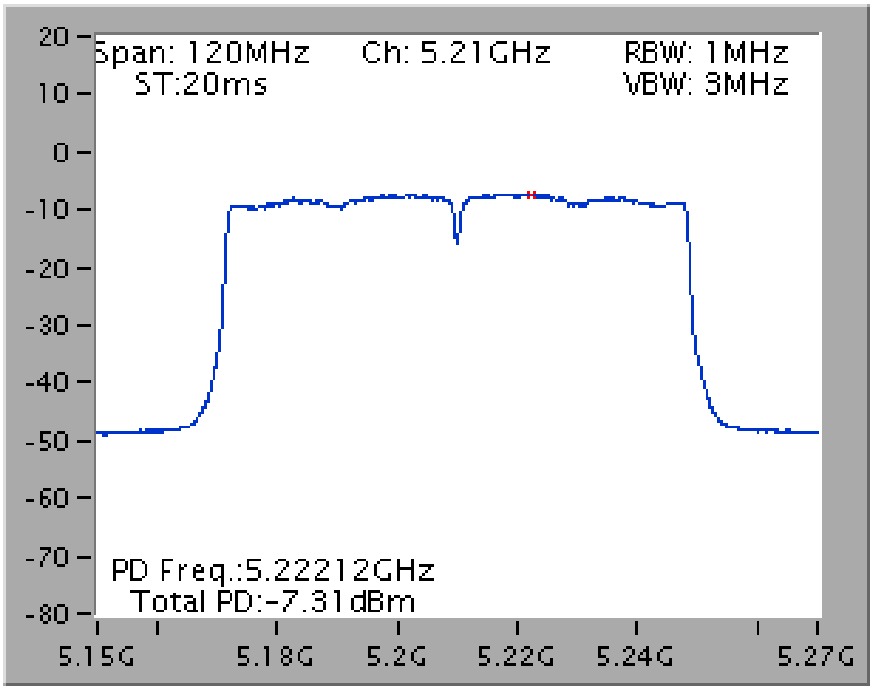
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

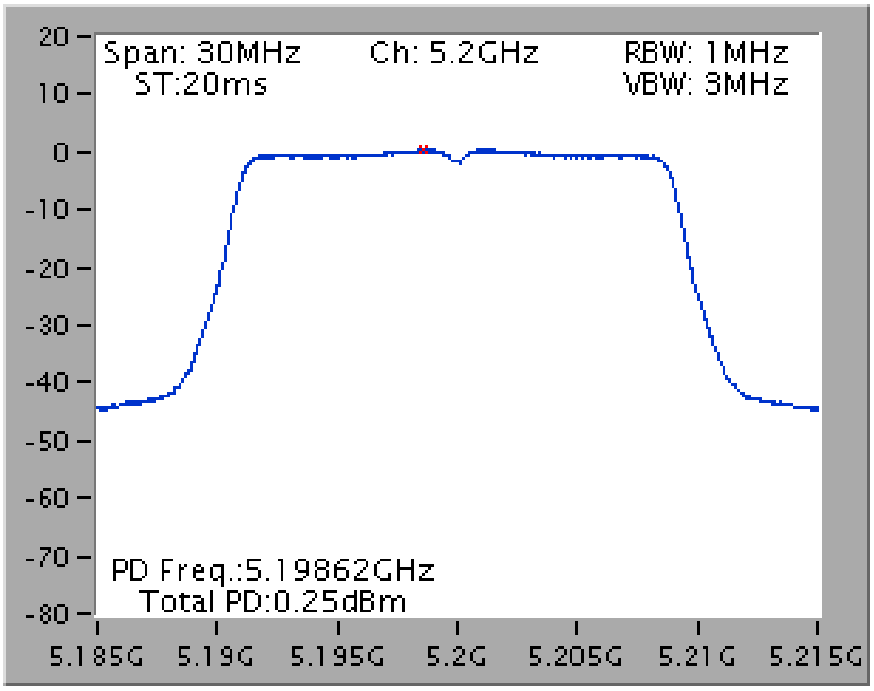


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

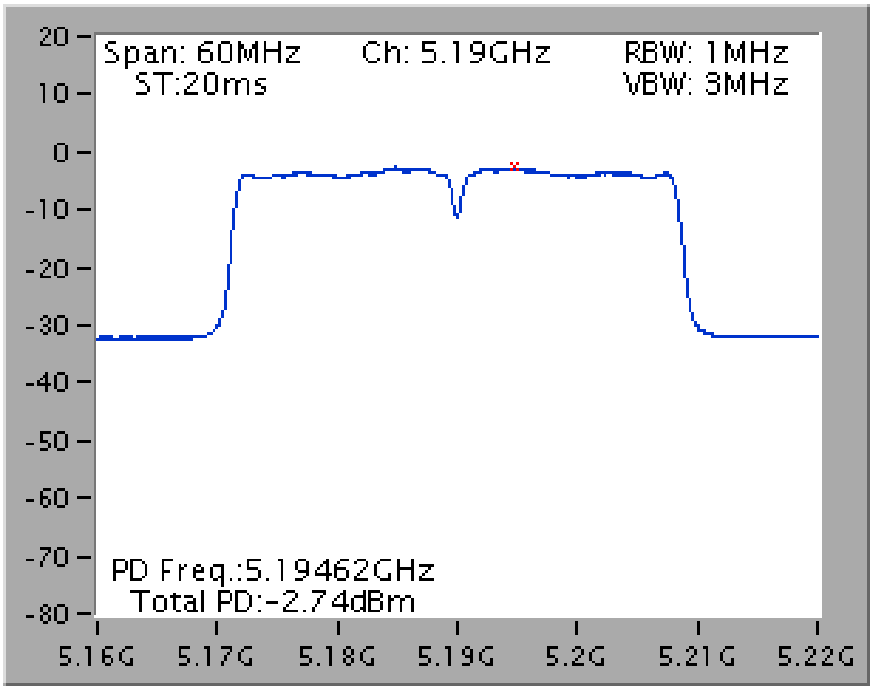


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

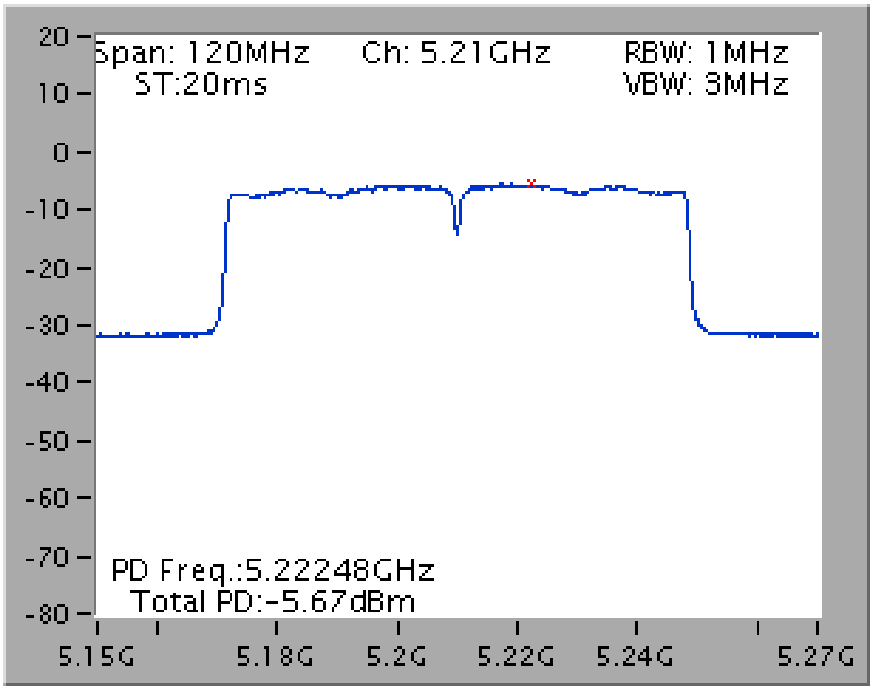
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

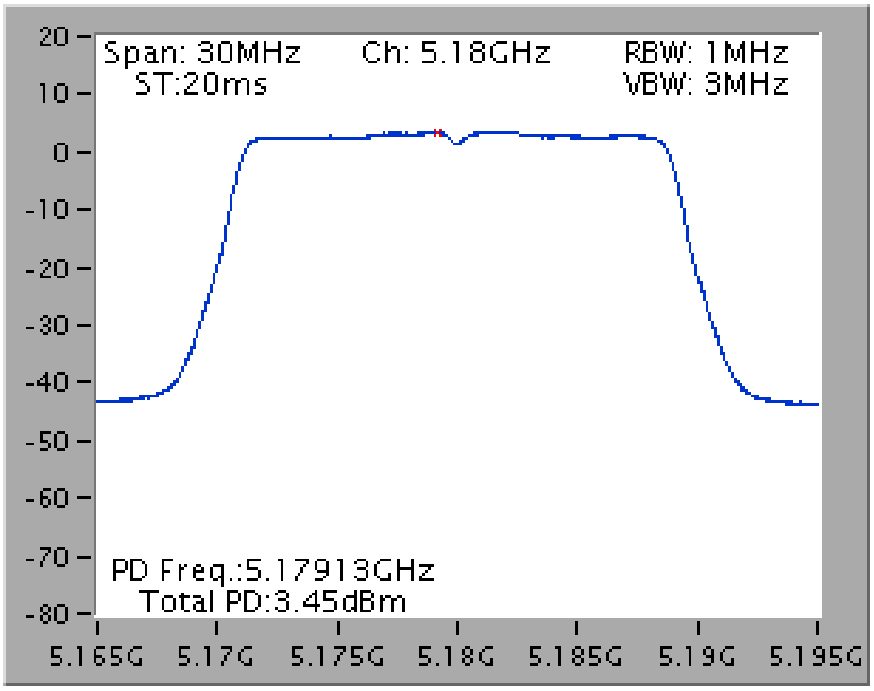


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

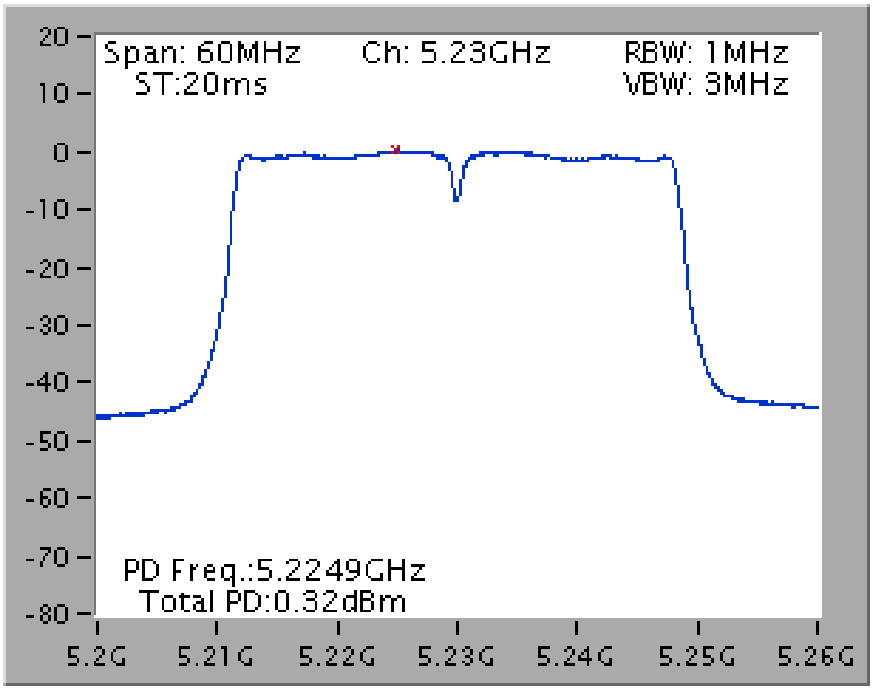


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

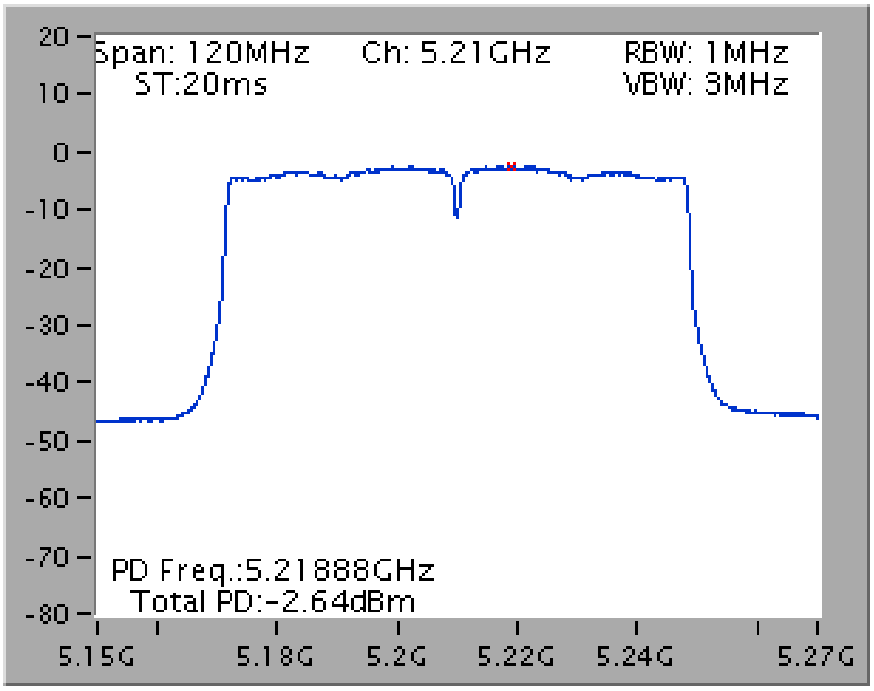
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

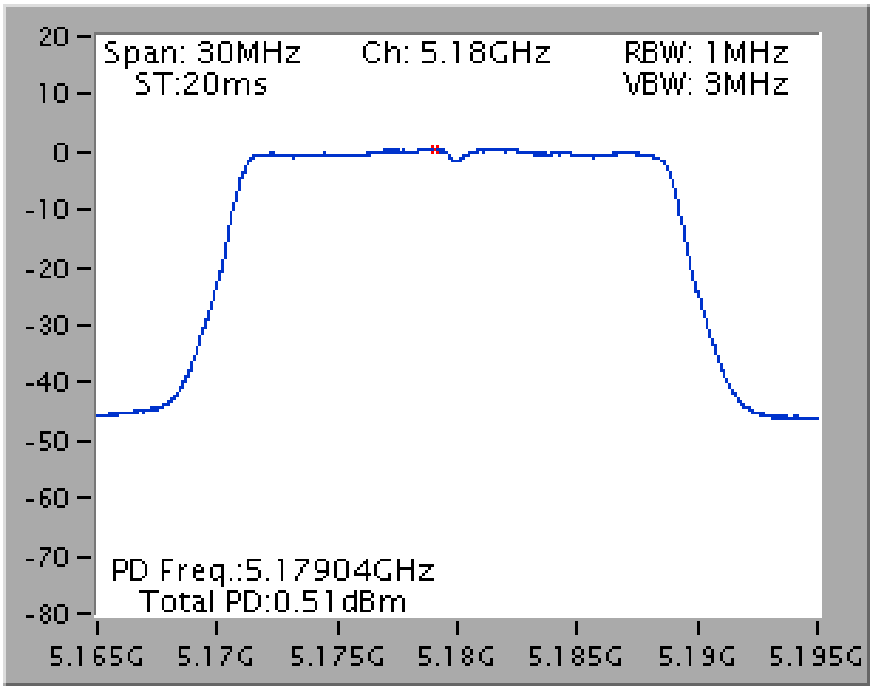


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

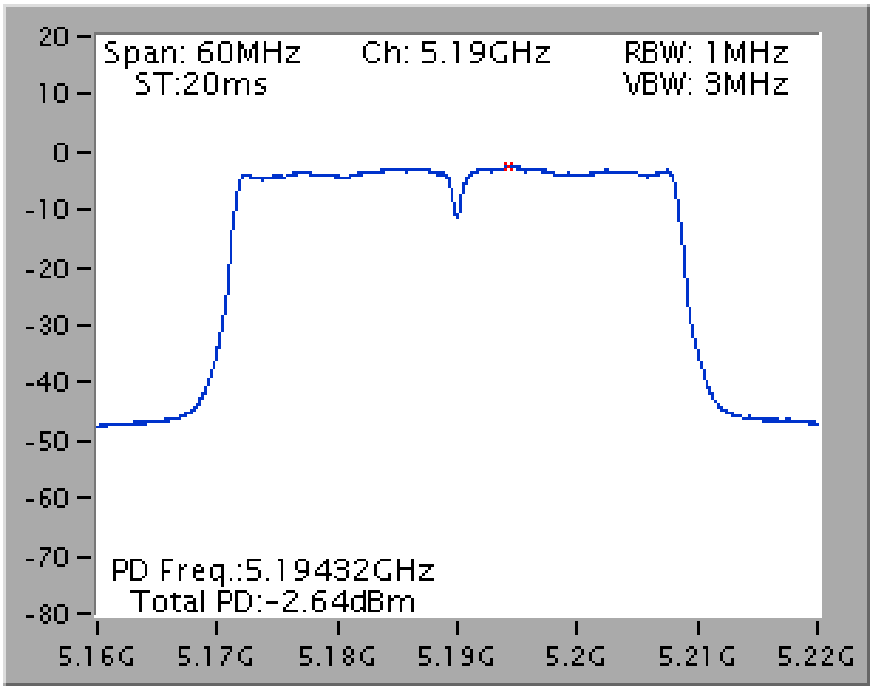


Mode 4 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

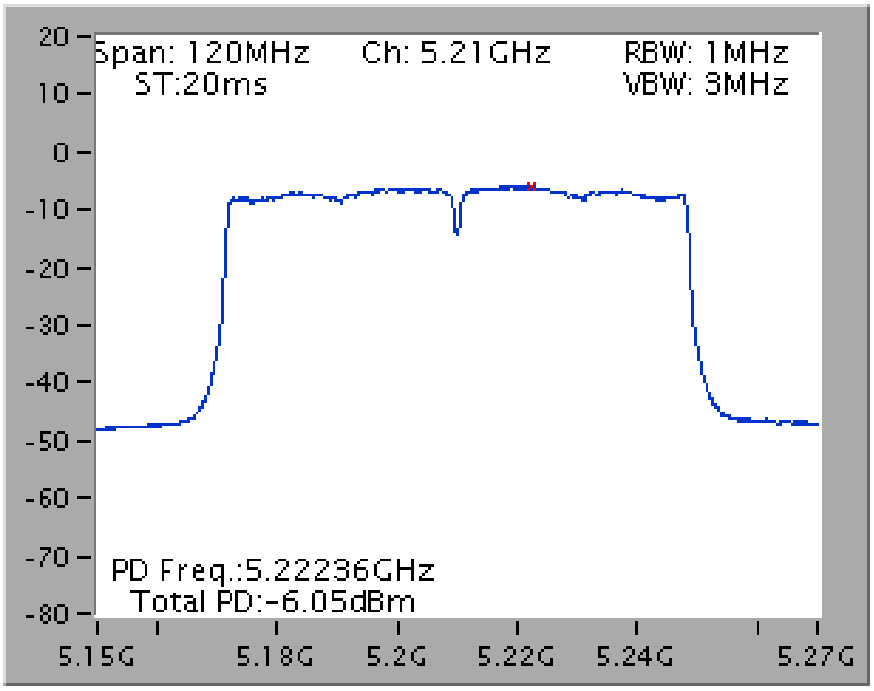
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz



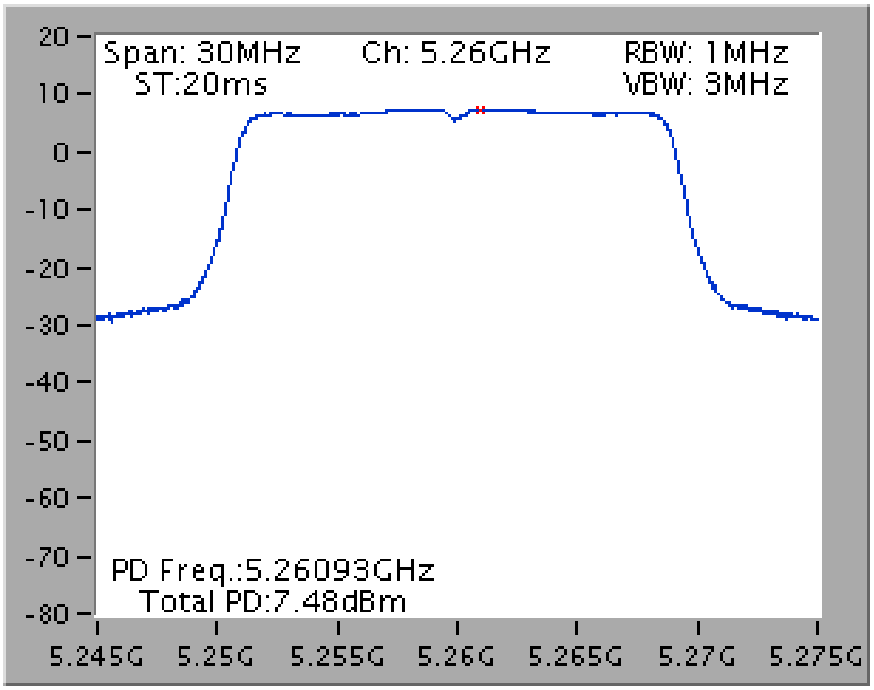
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



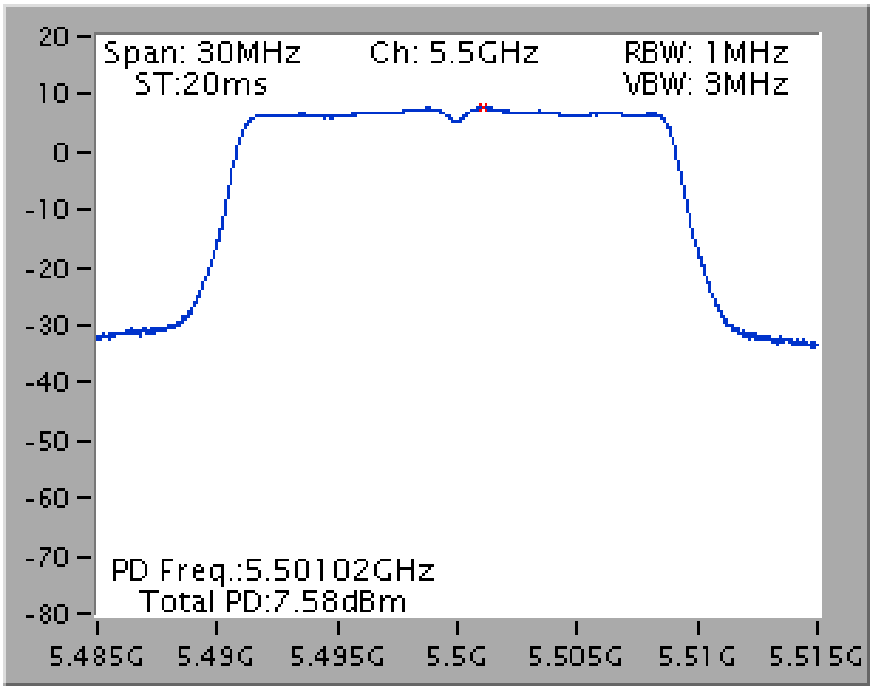
For indoor / outdoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

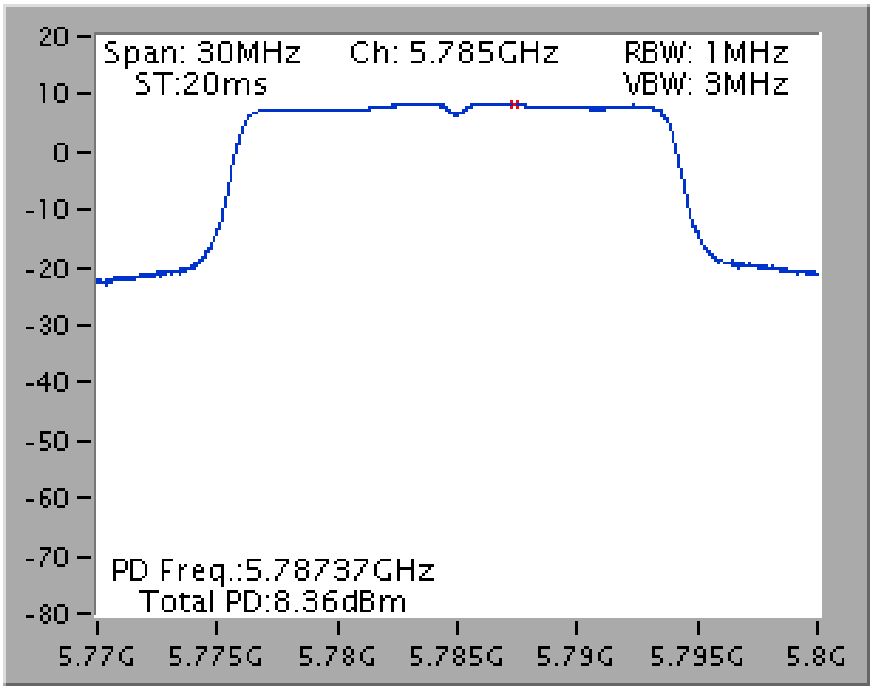
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



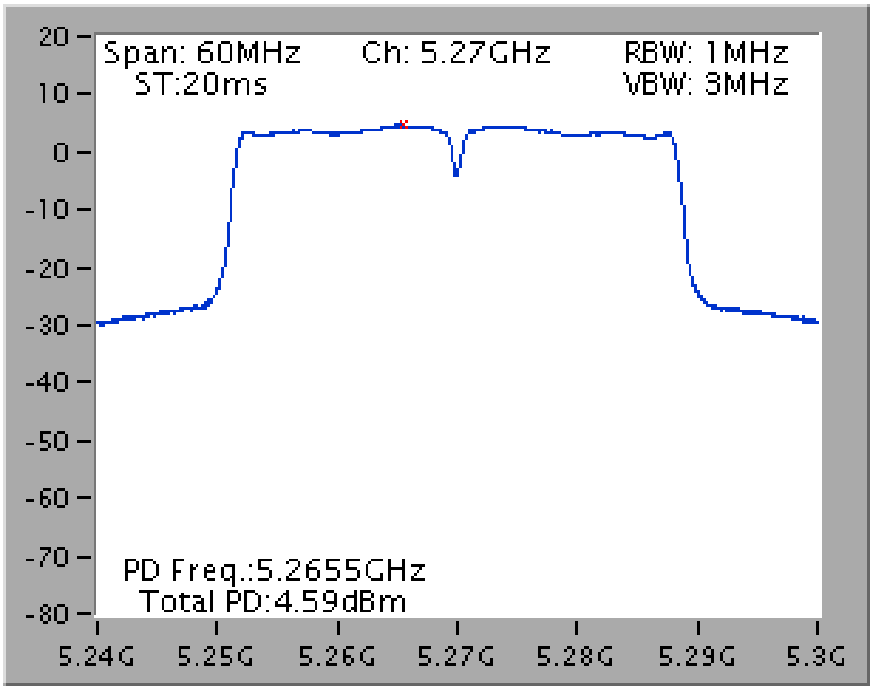
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5500 MHz



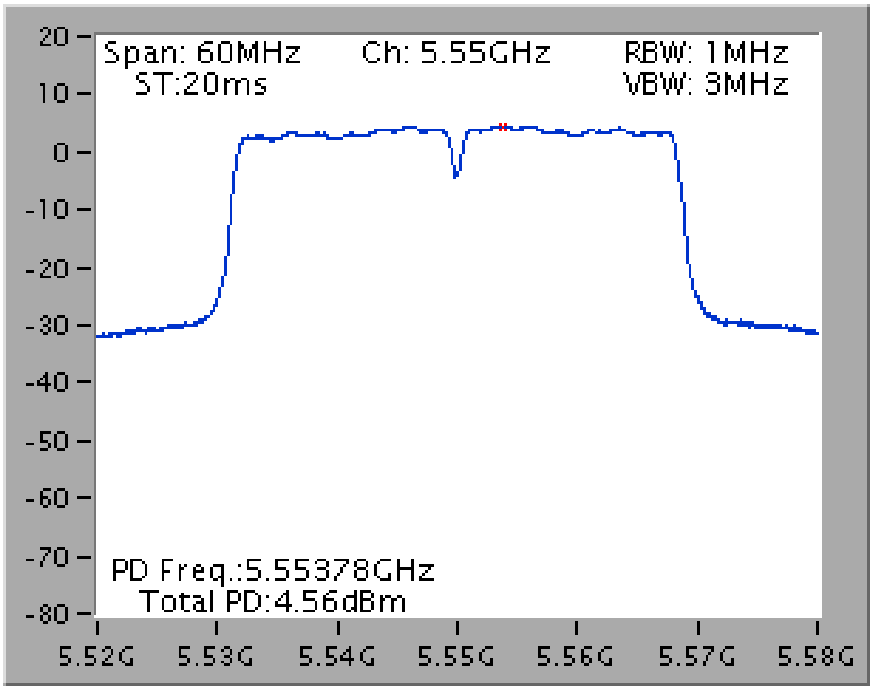
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



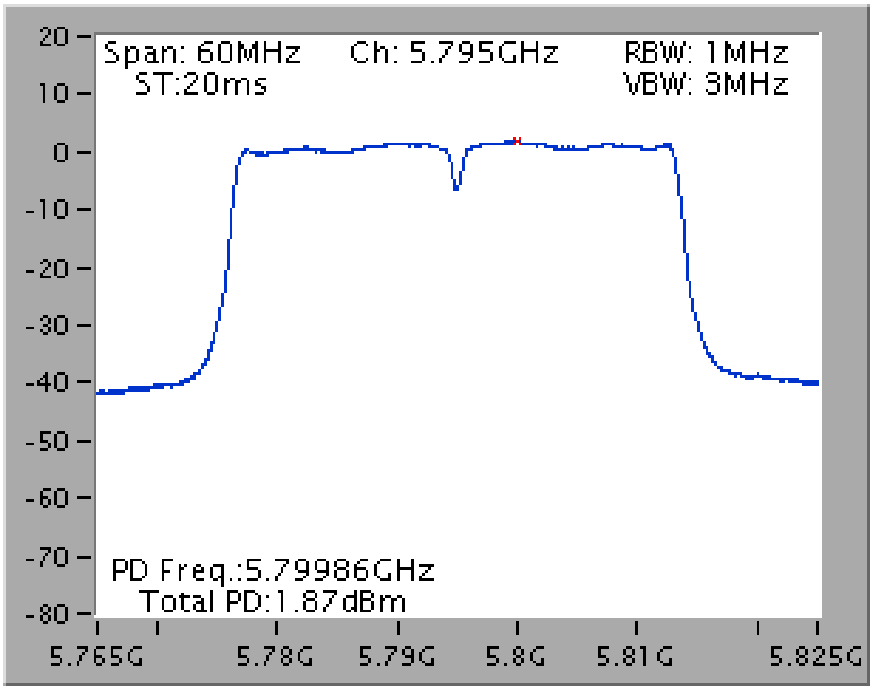
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



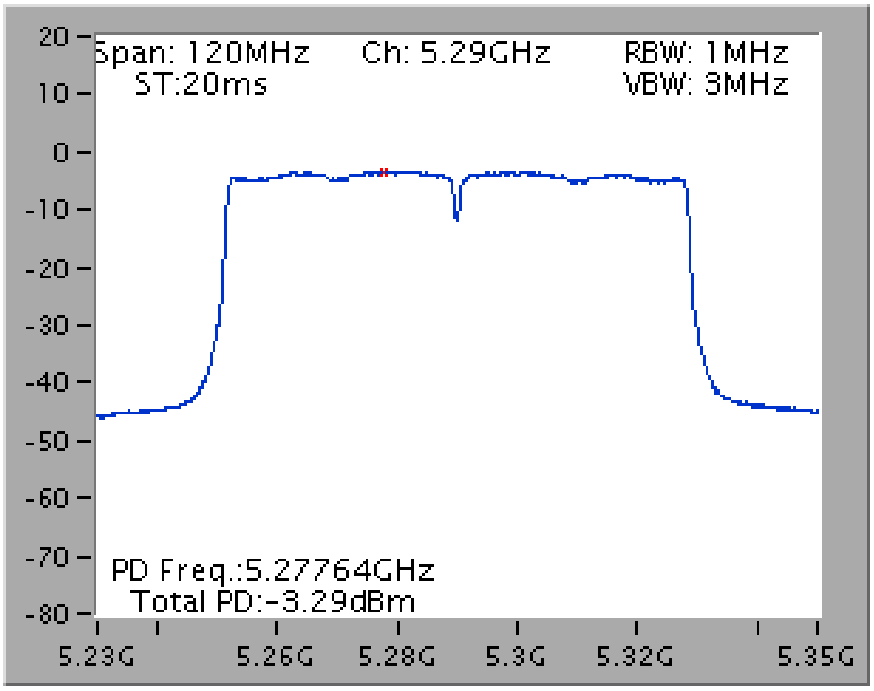
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



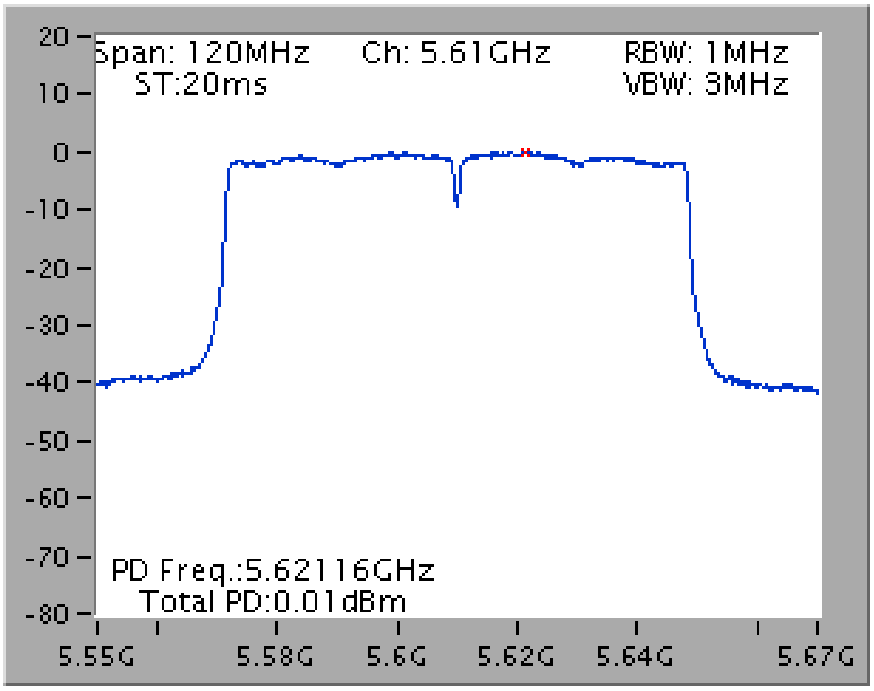
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



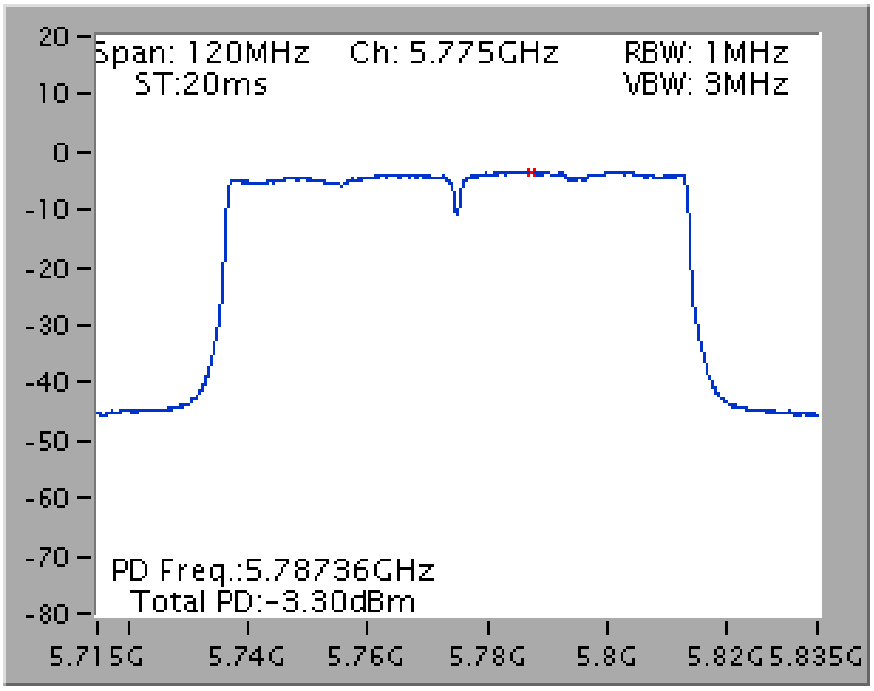
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

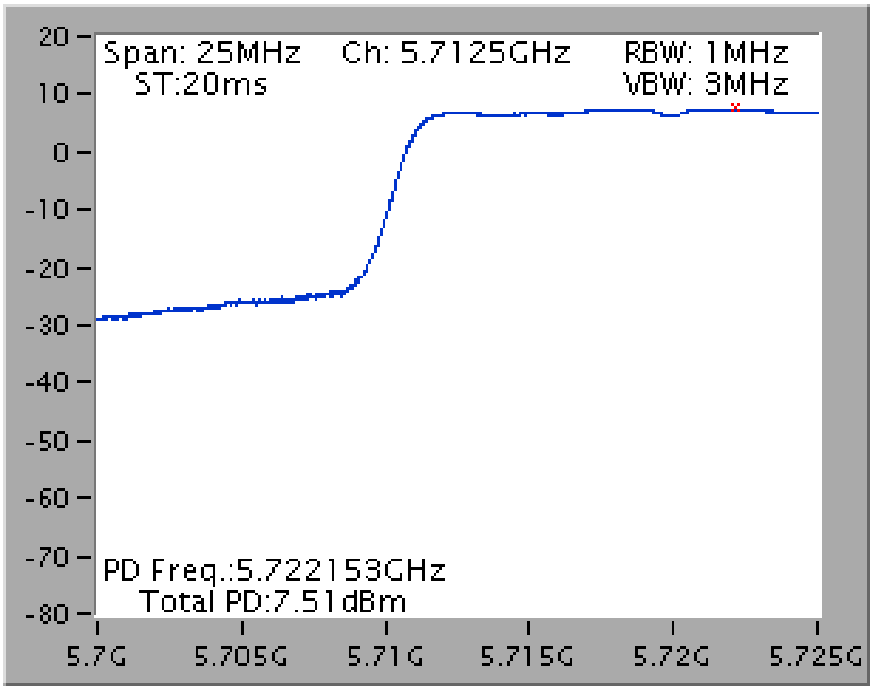


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

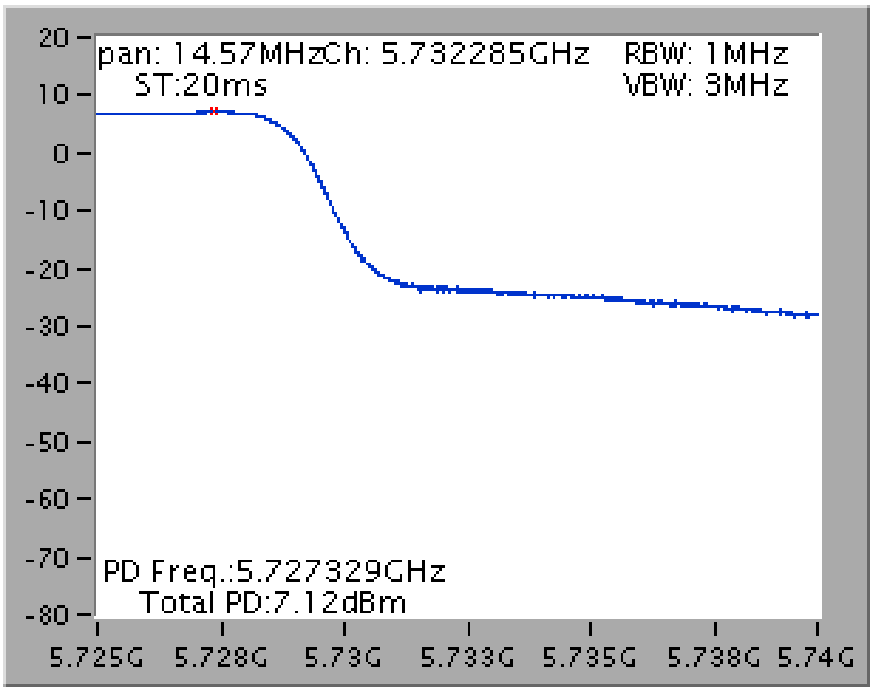


Straddle Channel

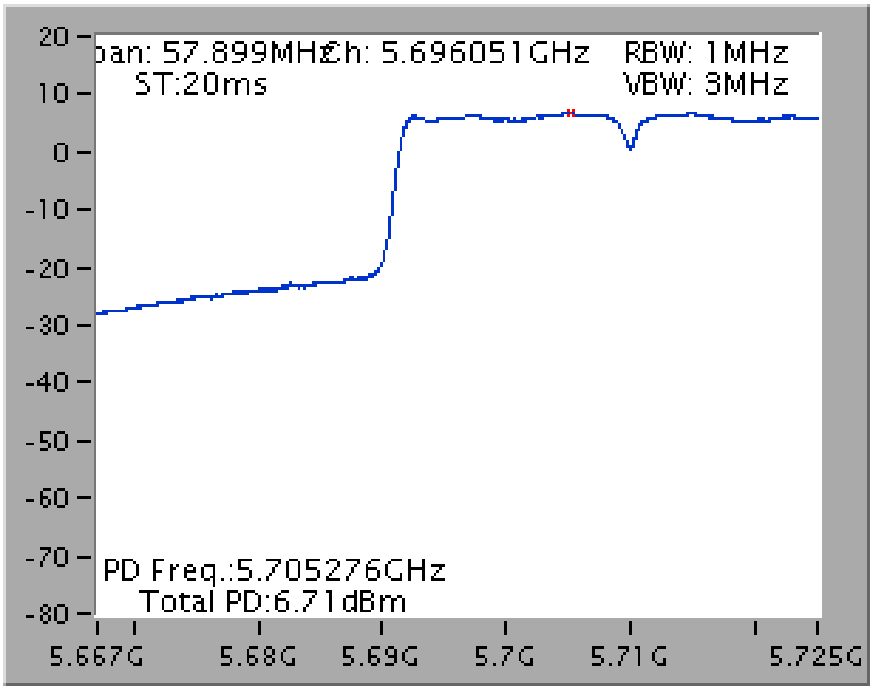
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



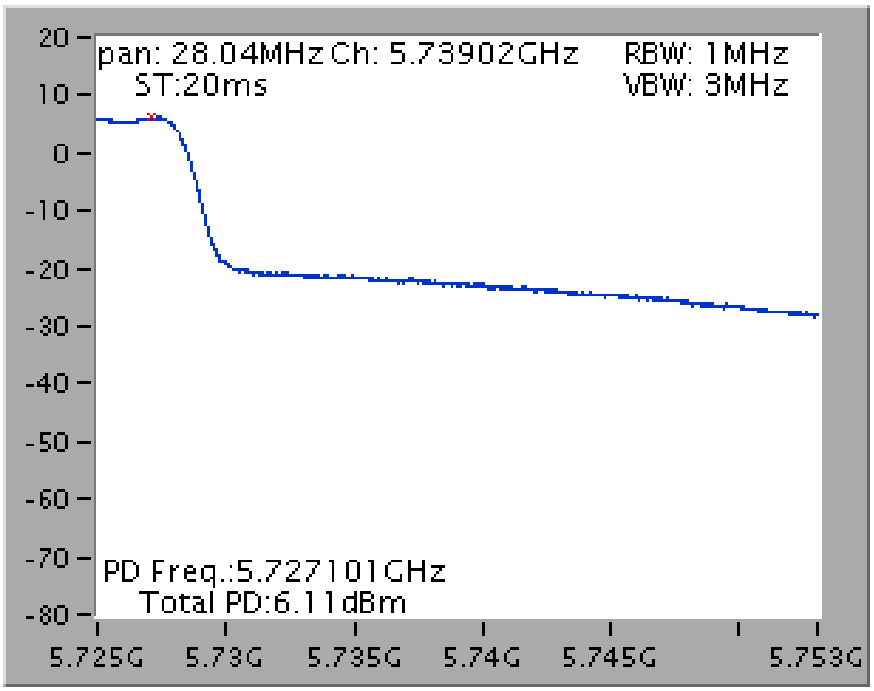
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



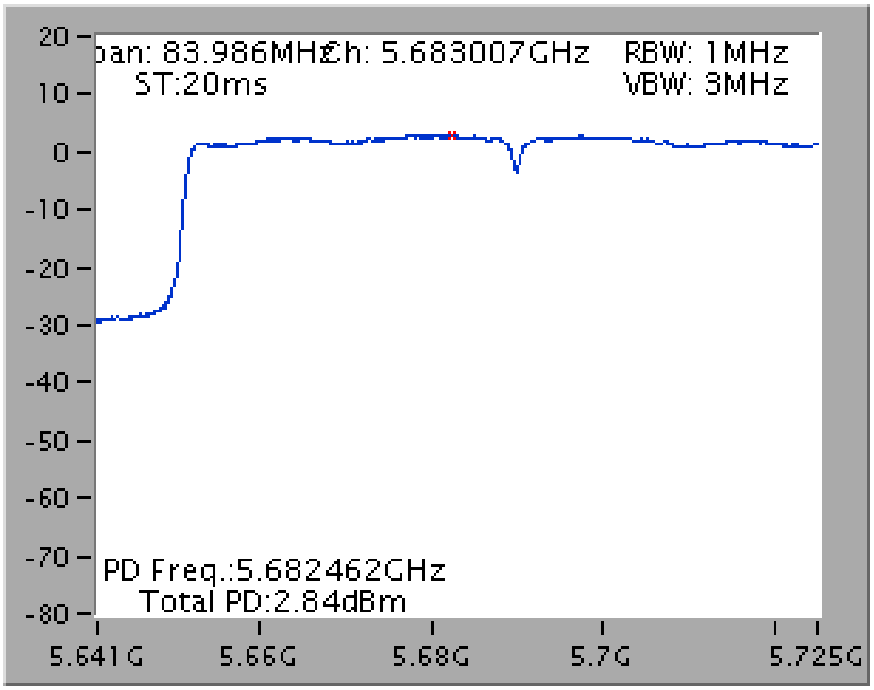
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



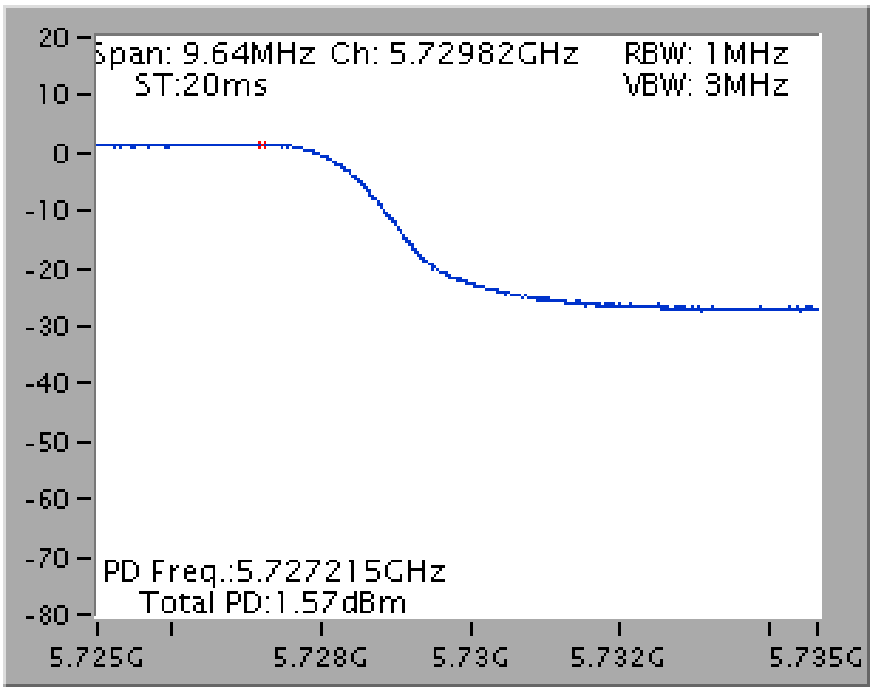
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

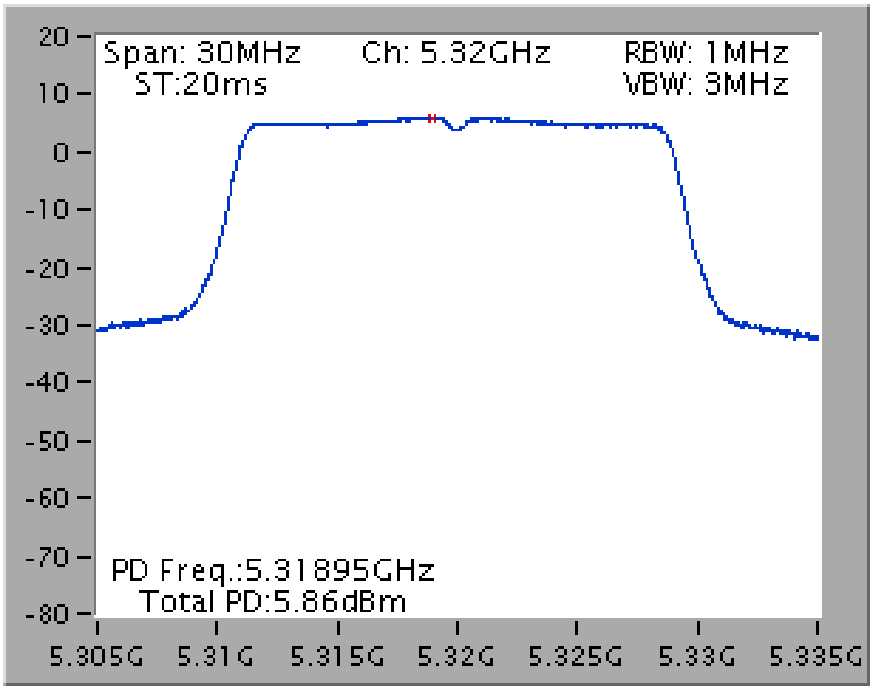


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

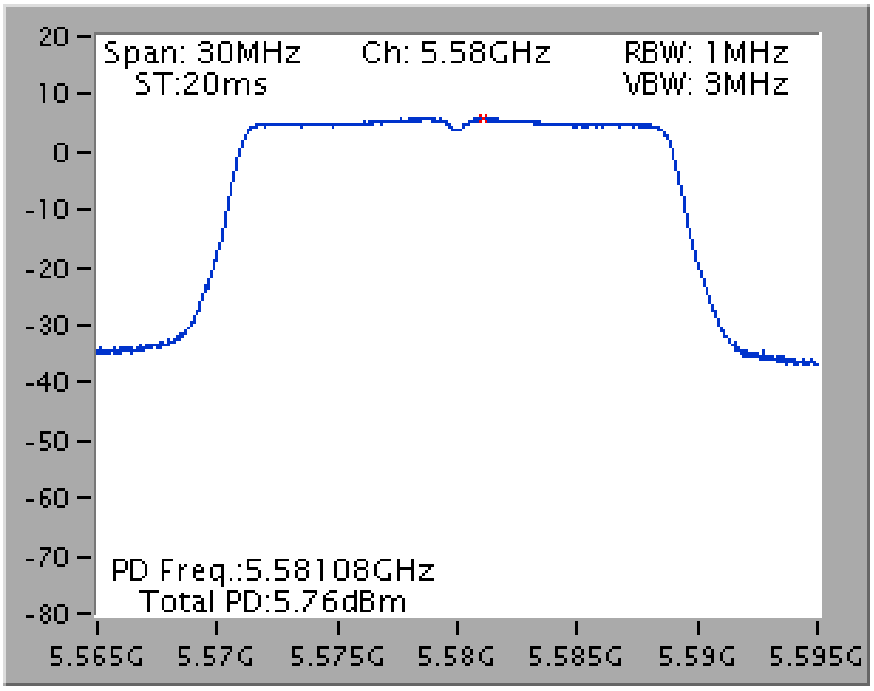


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

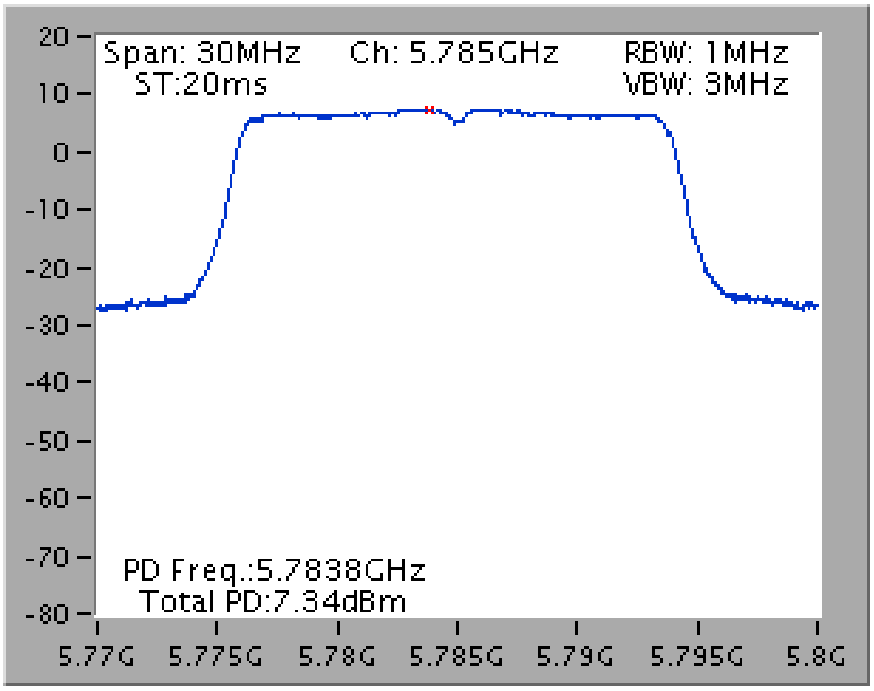
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5320 MHz



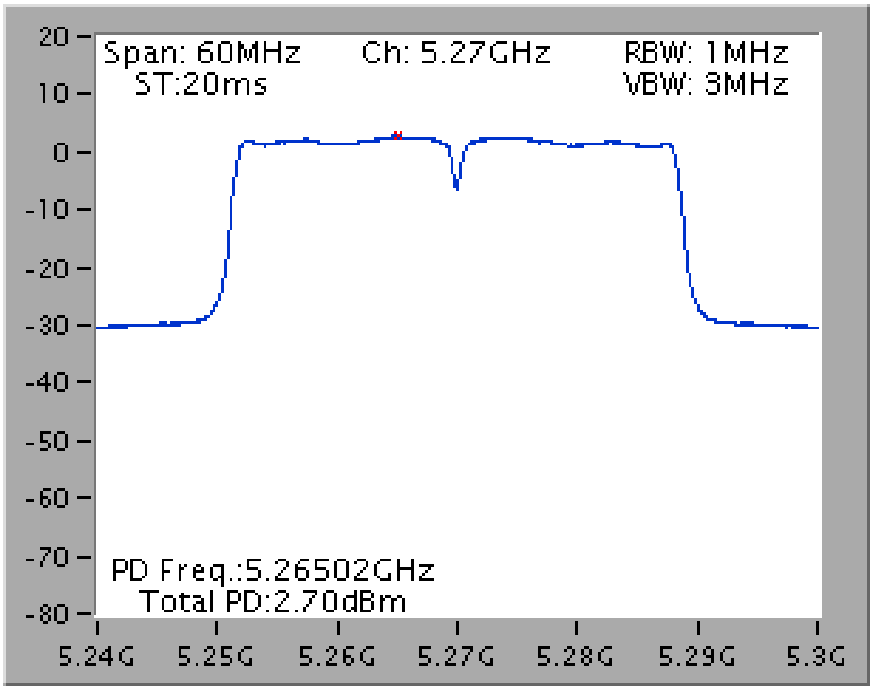
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5580 MHz



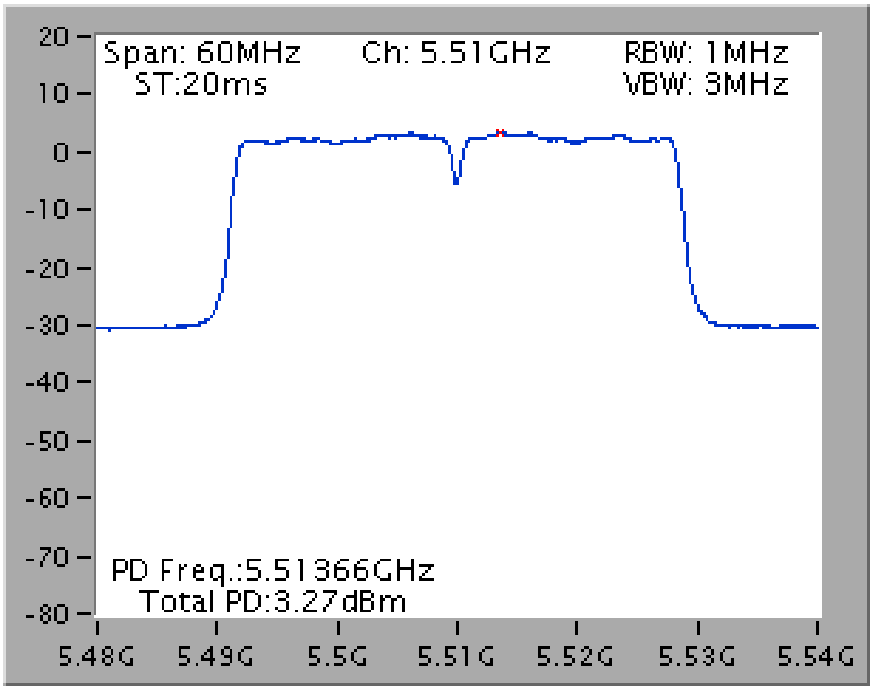
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



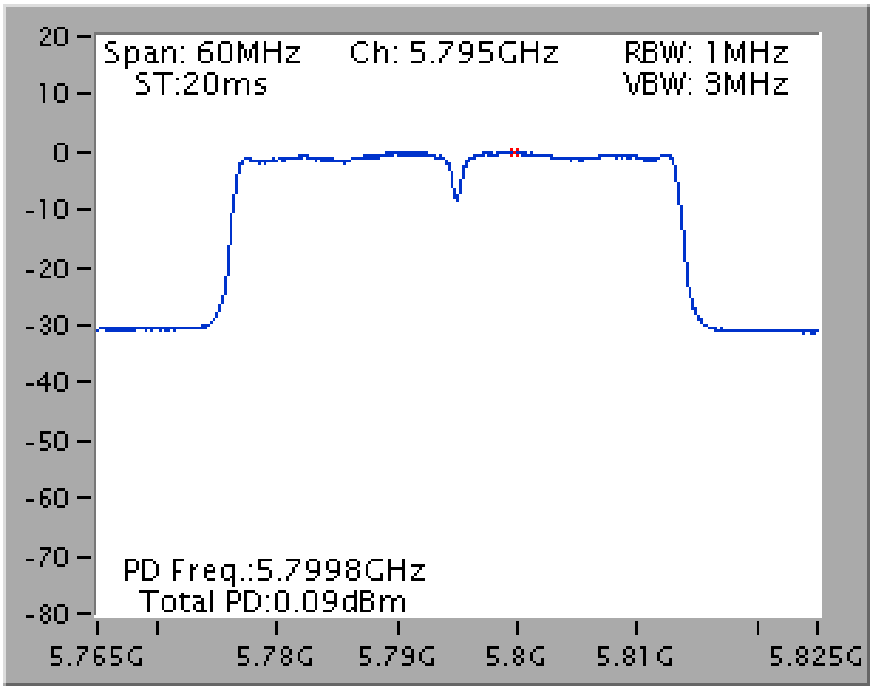
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



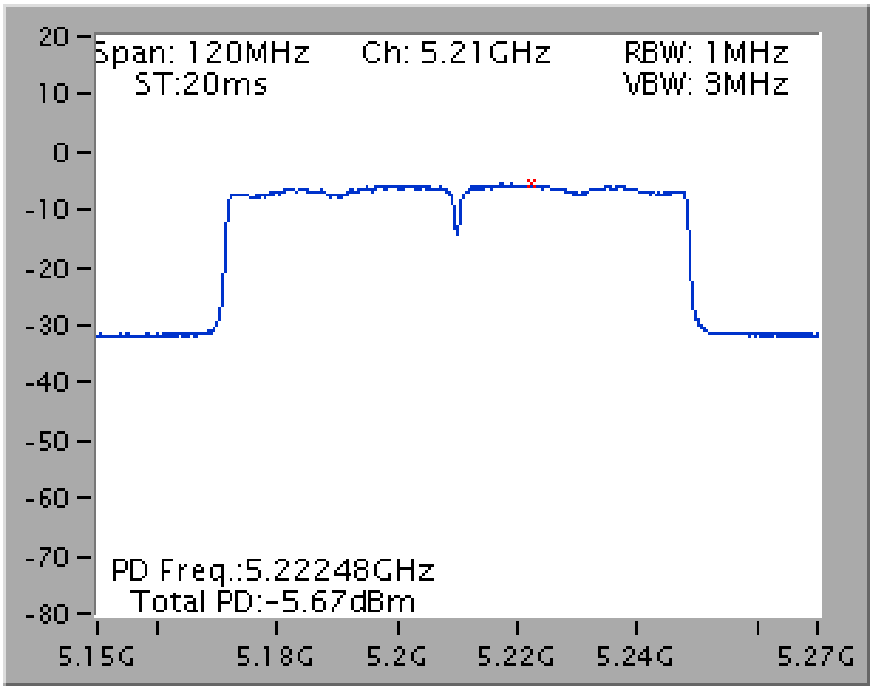
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5510 MHz



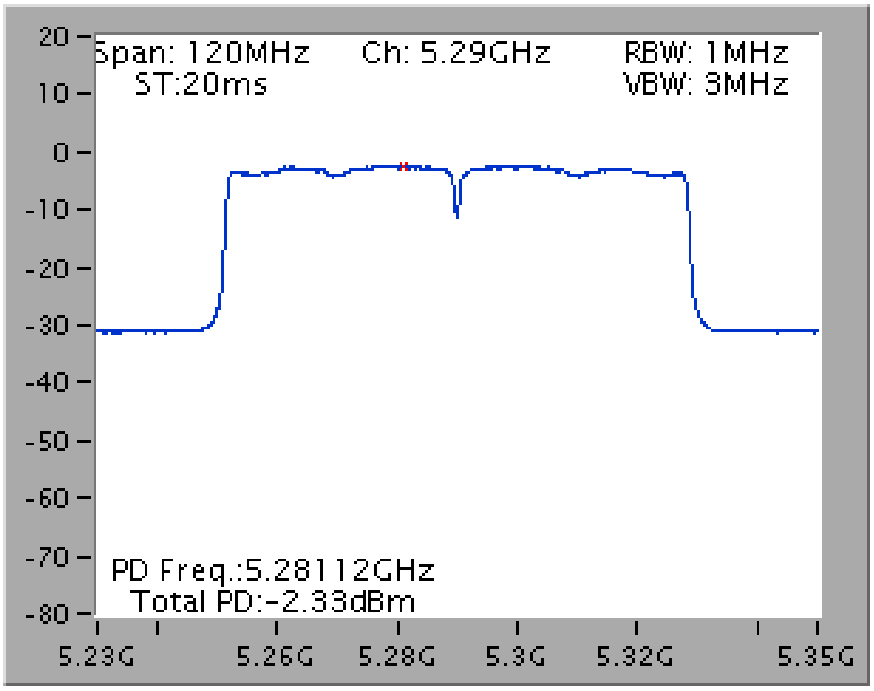
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



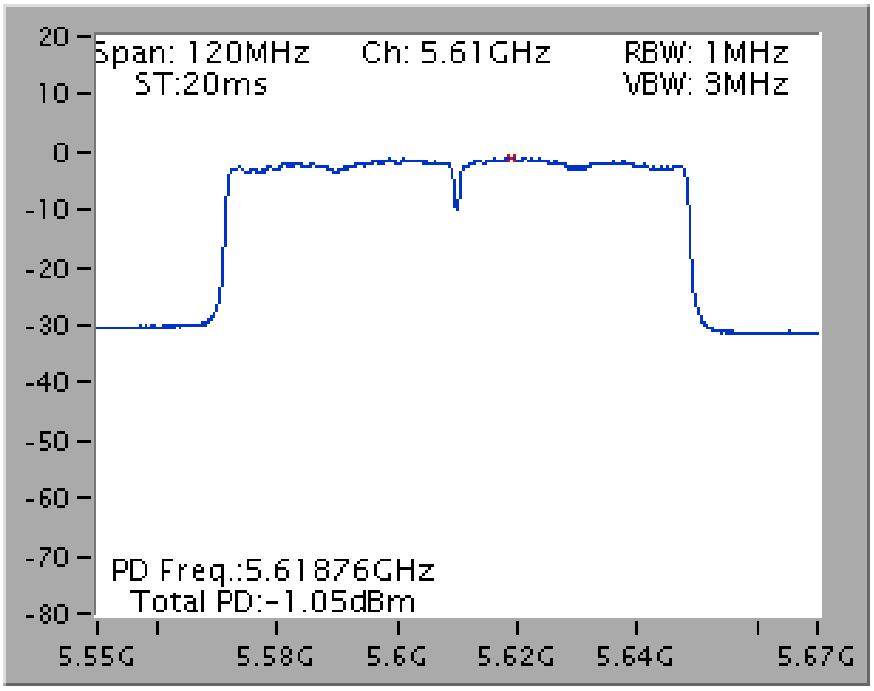
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



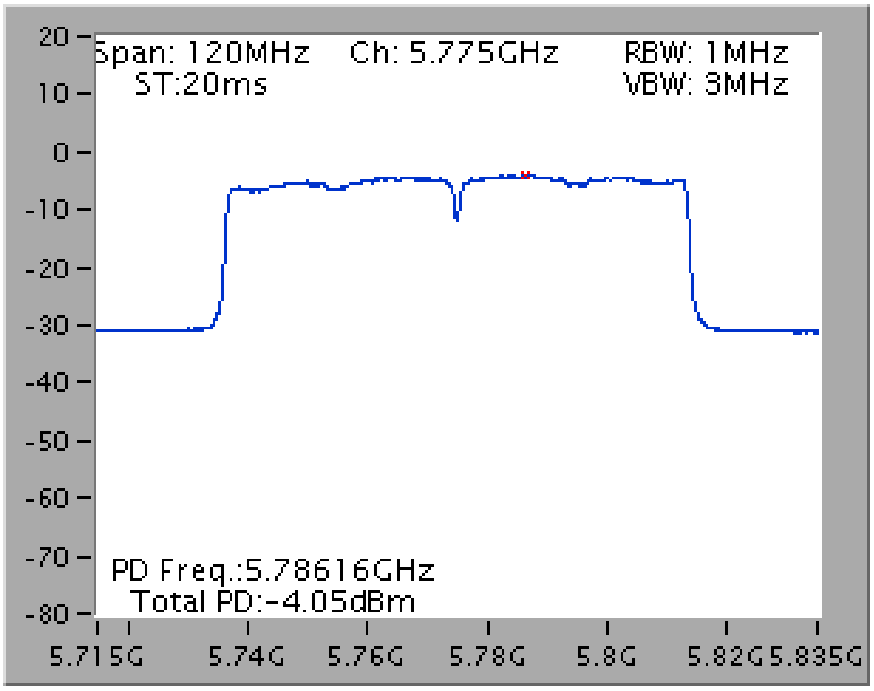
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

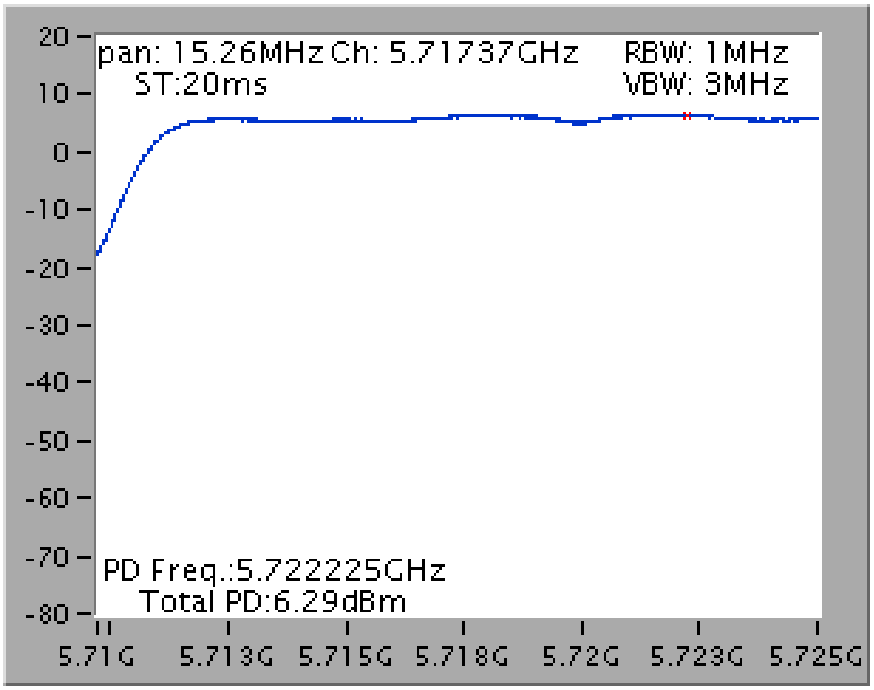


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

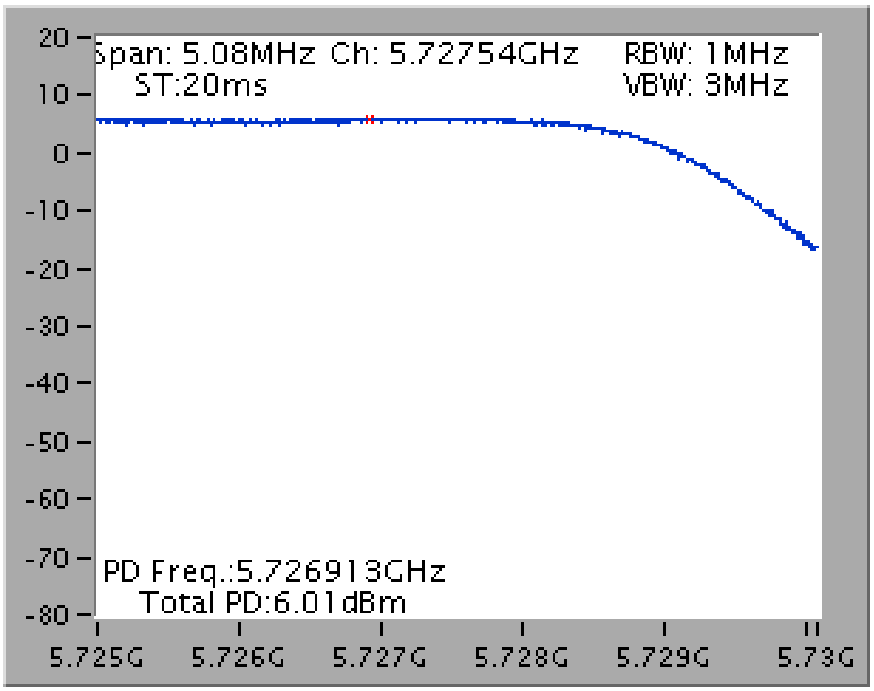


Straddle Channel

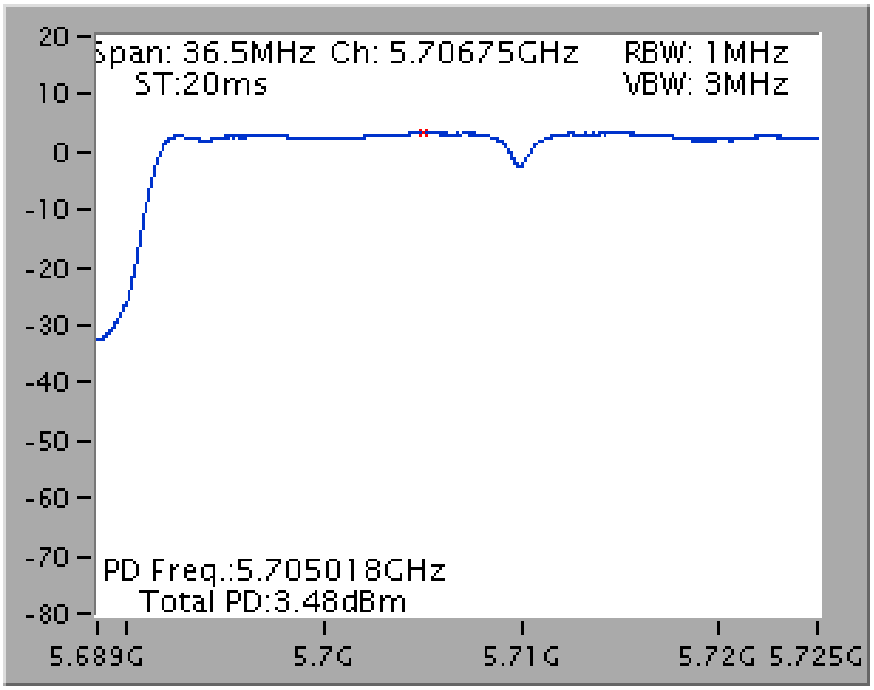
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



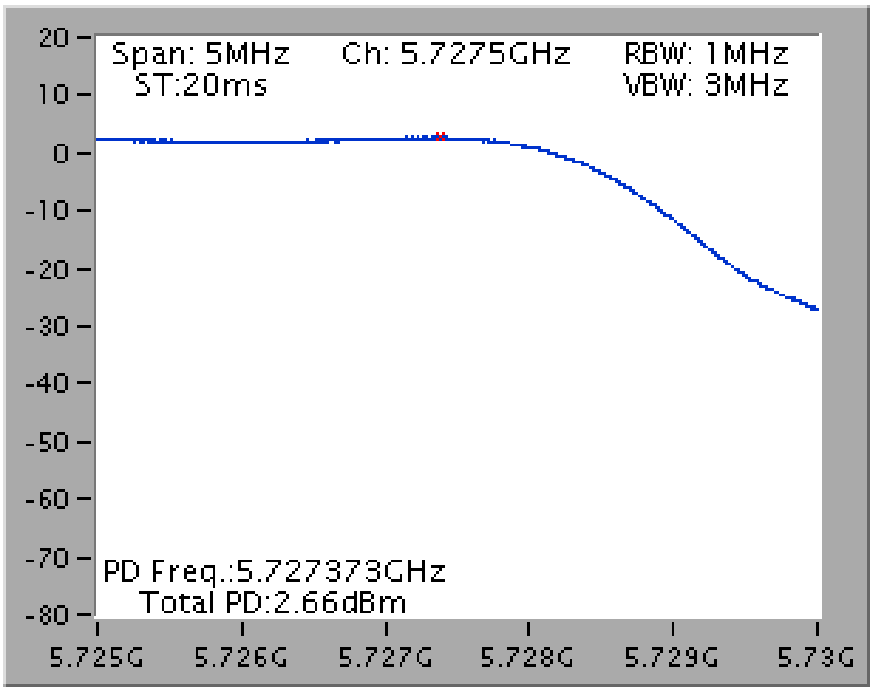
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



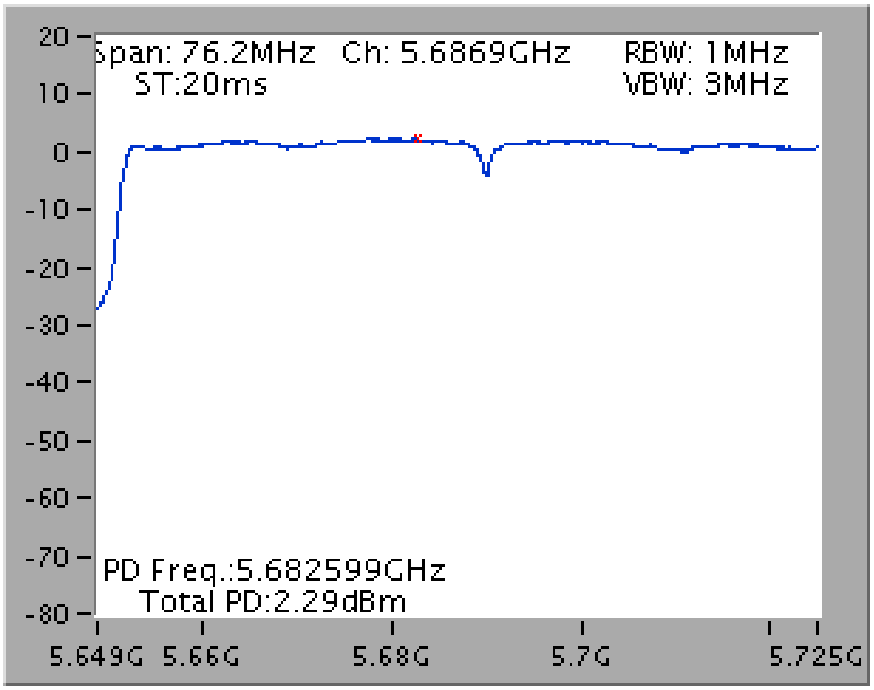
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



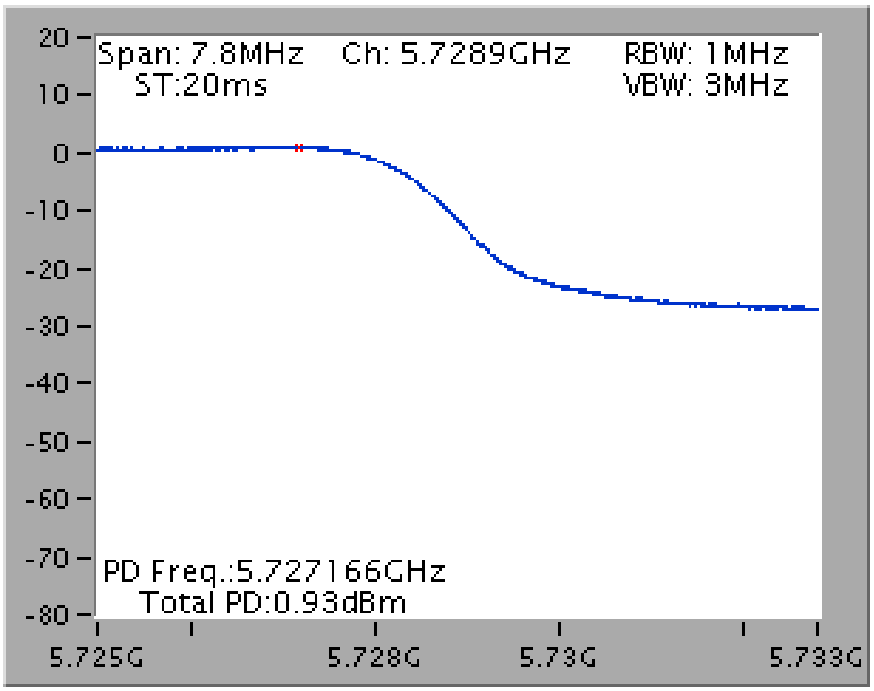
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

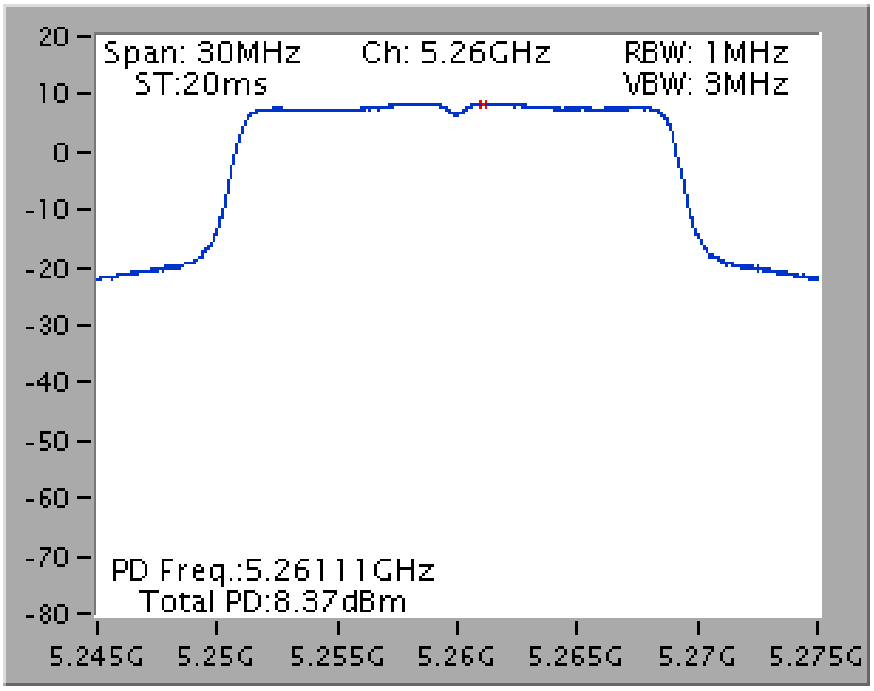


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

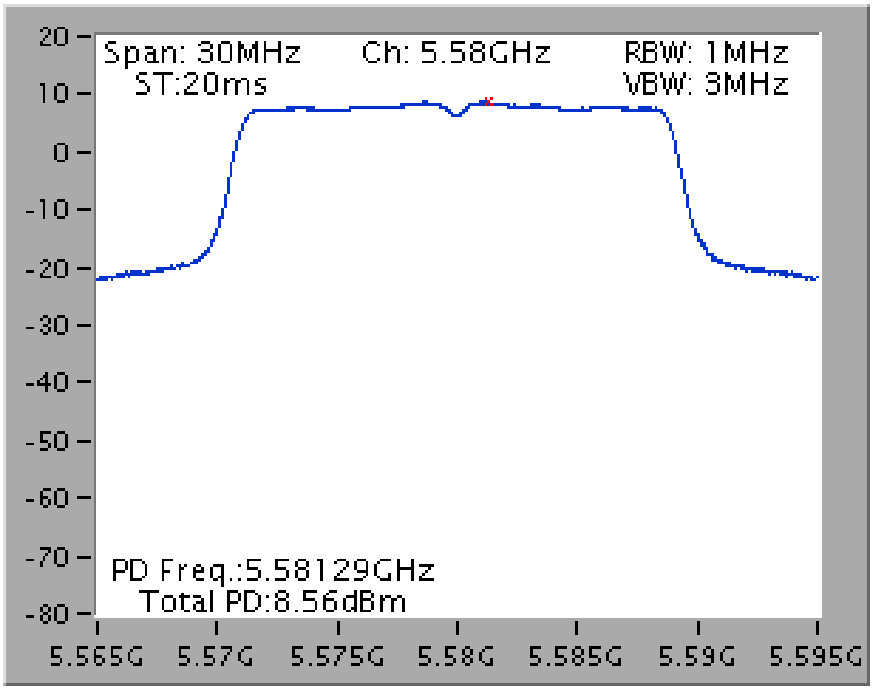


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

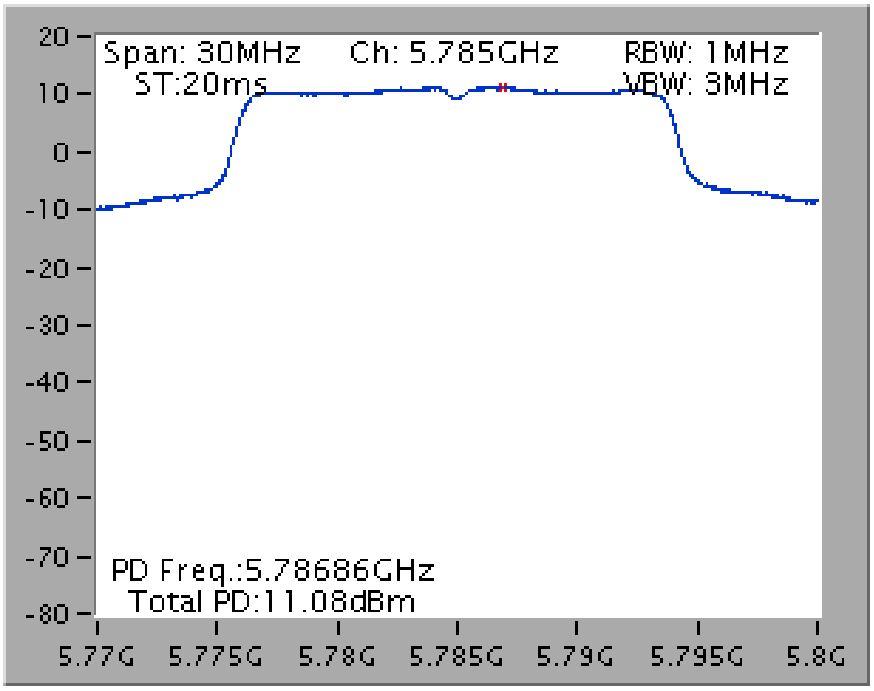
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



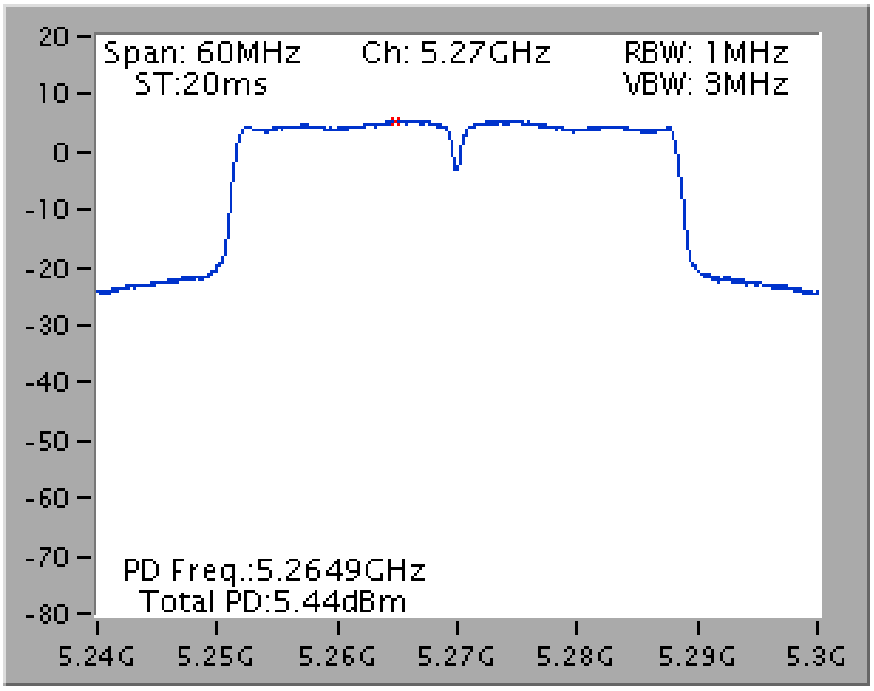
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5580 MHz



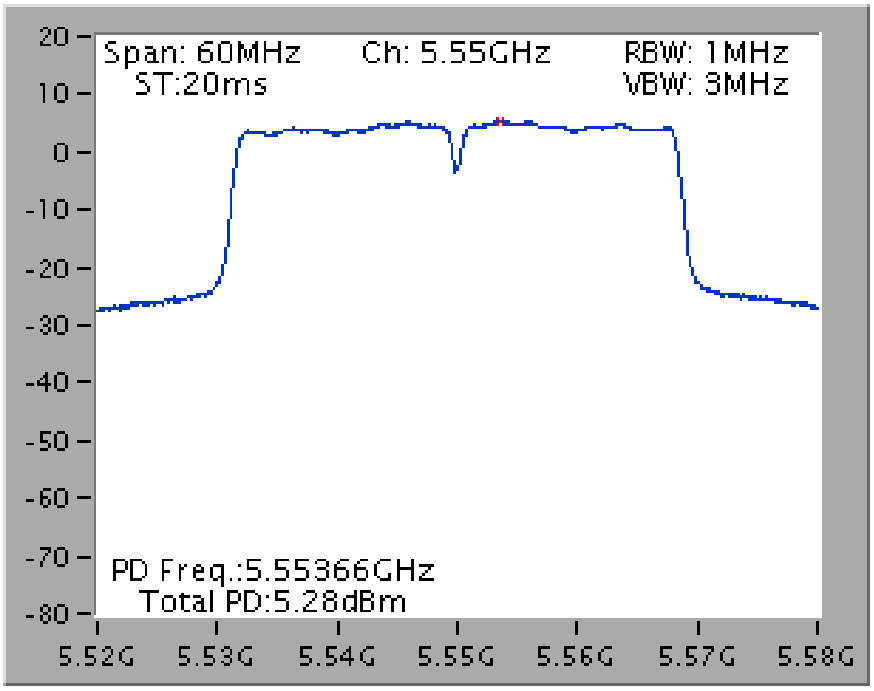
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



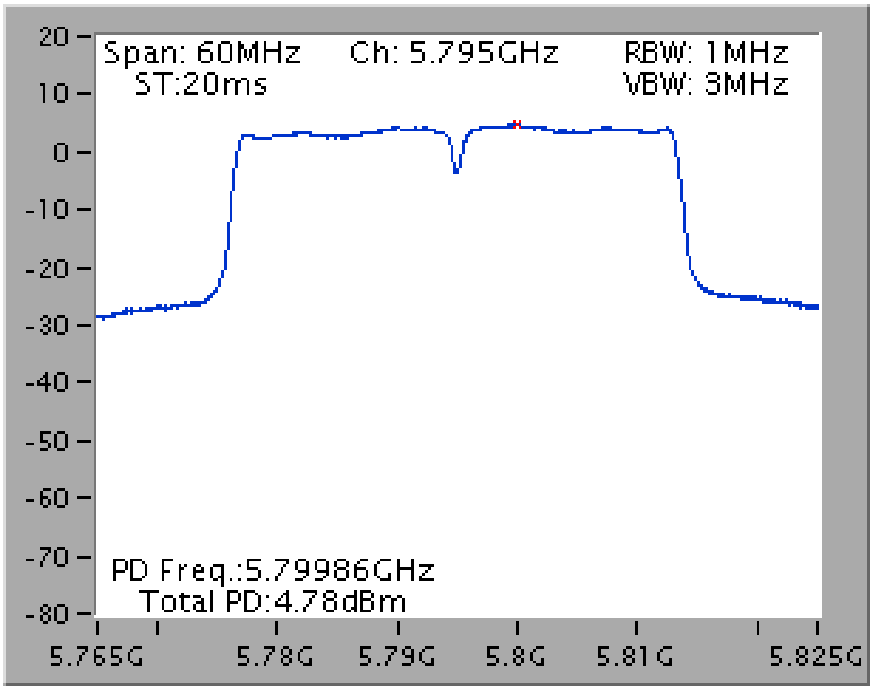
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



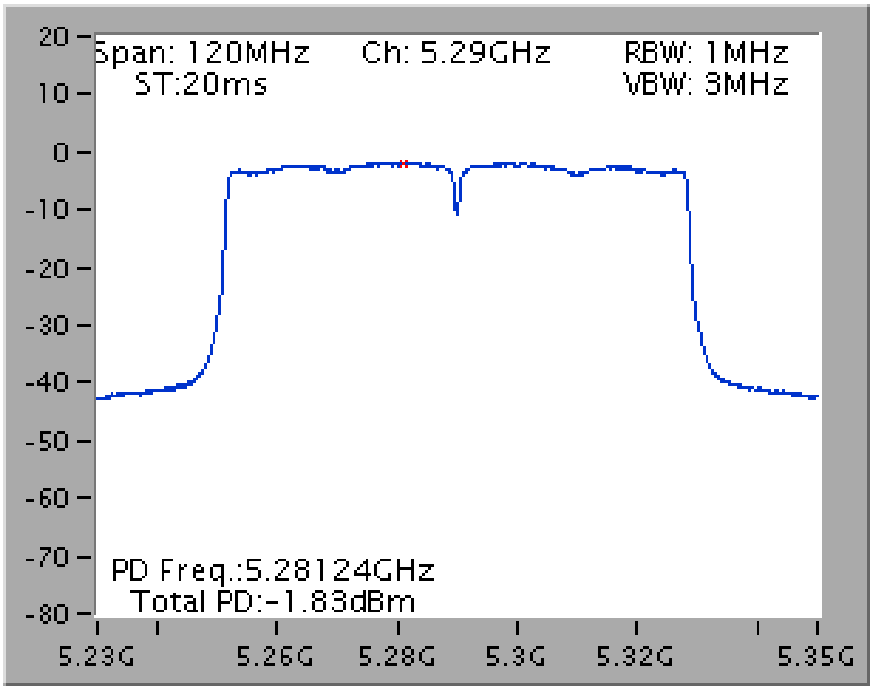
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



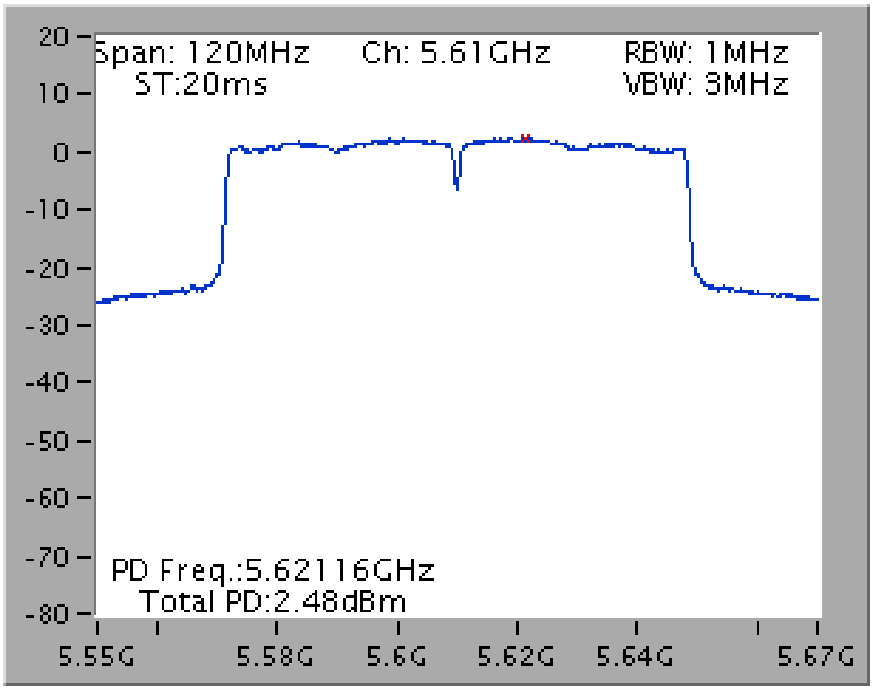
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



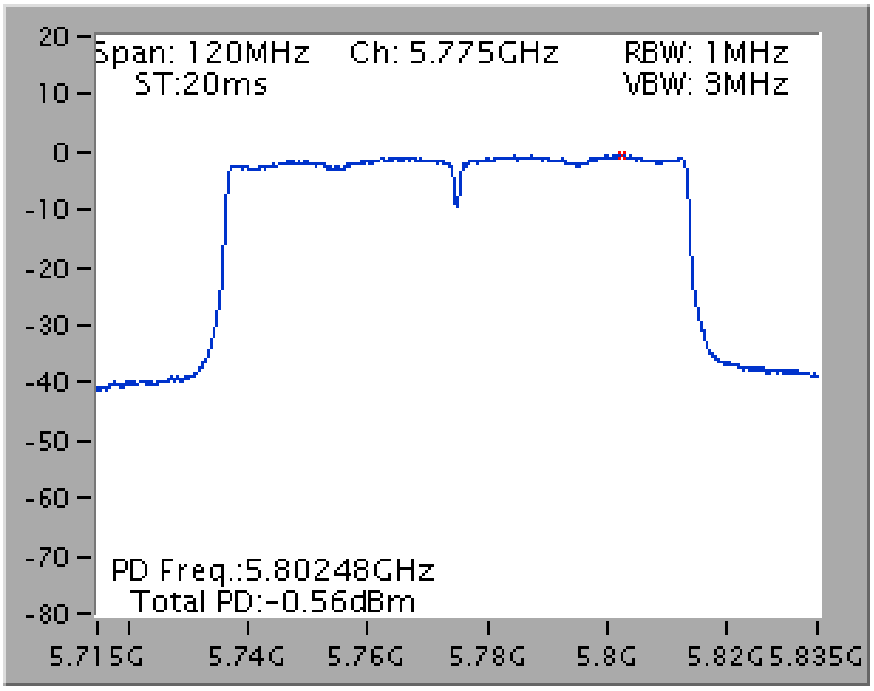
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

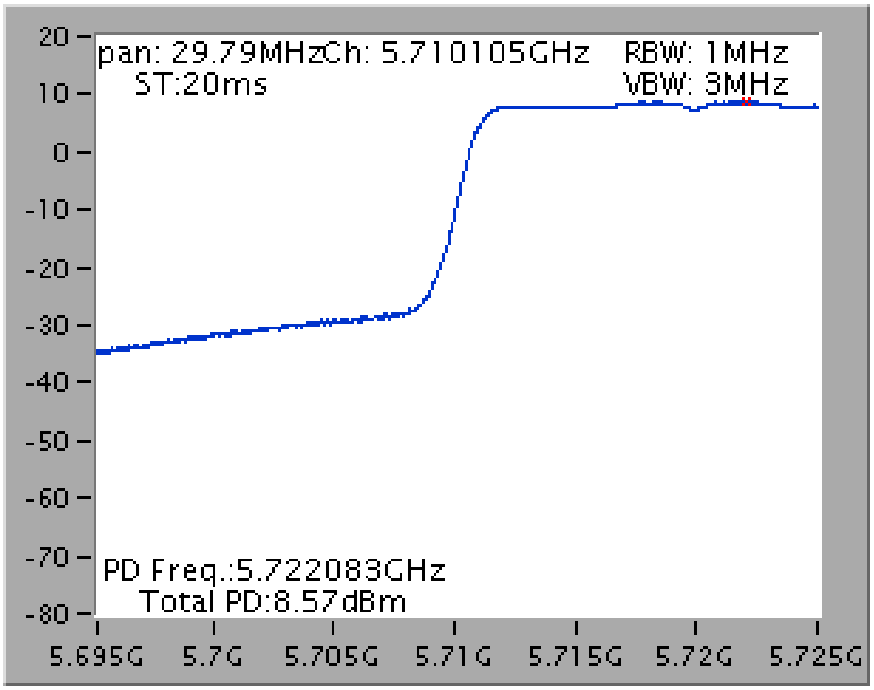


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

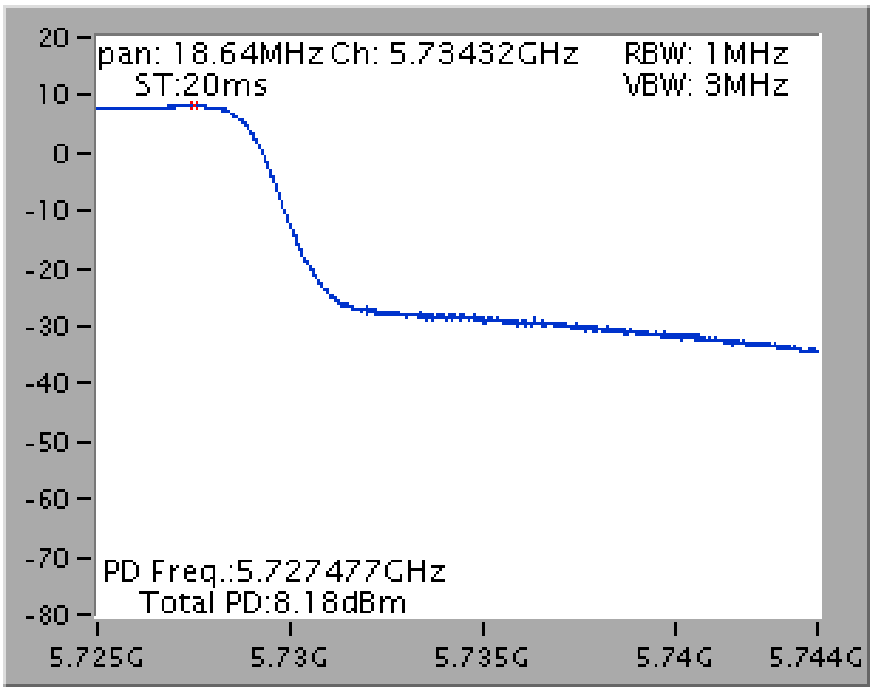


Straddle Channel

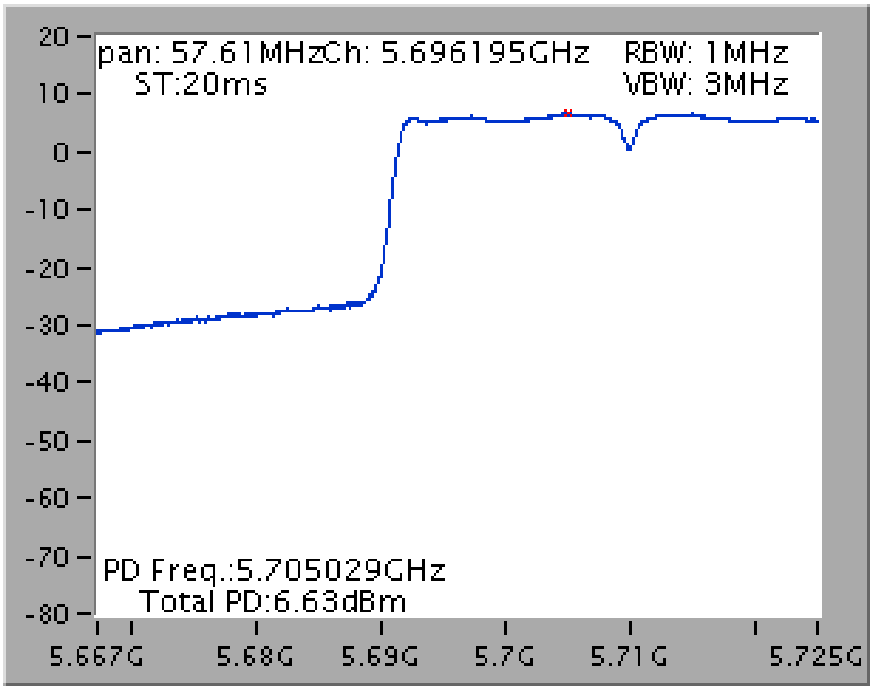
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



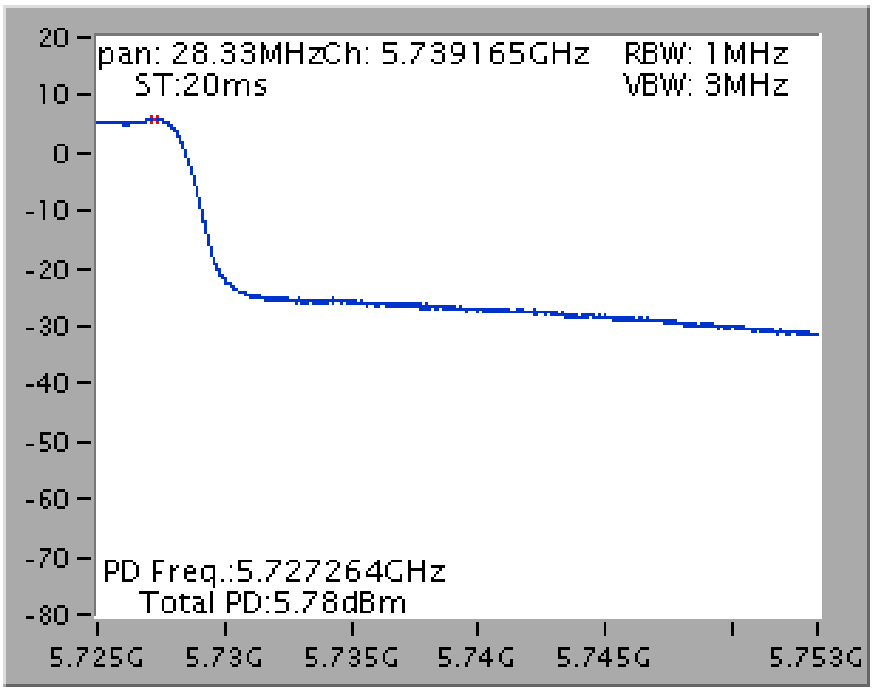
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



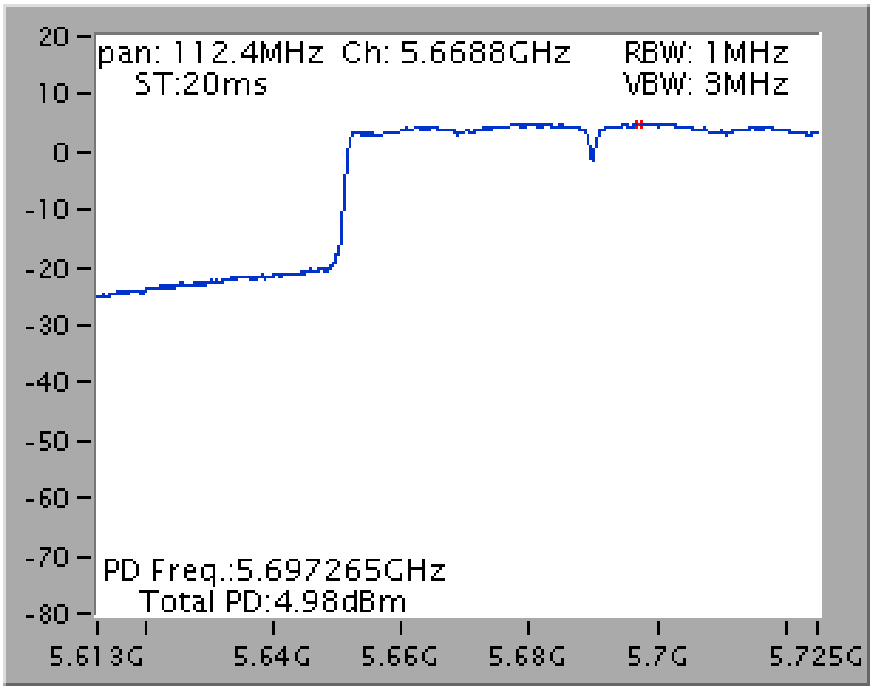
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



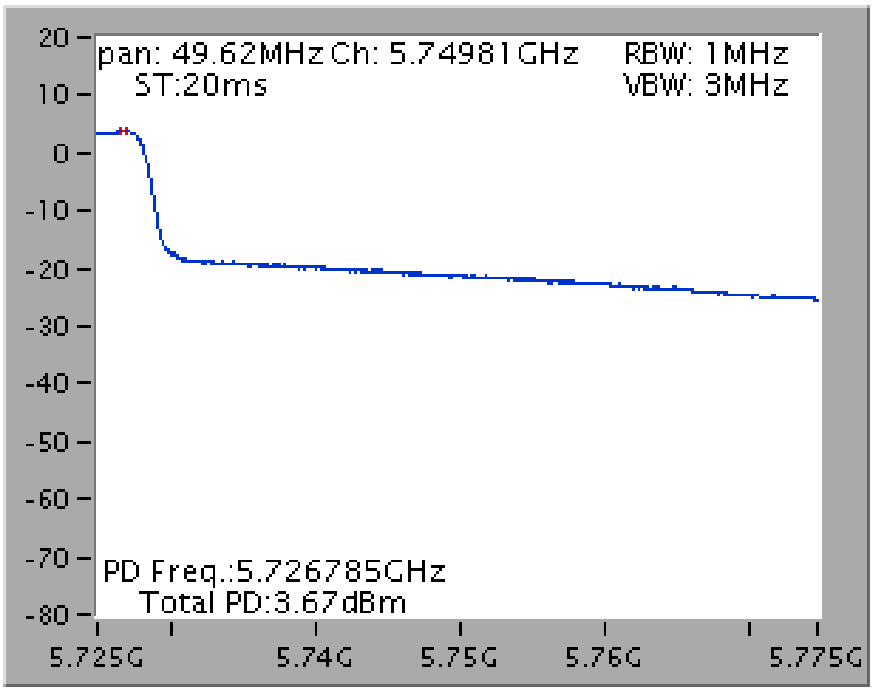
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

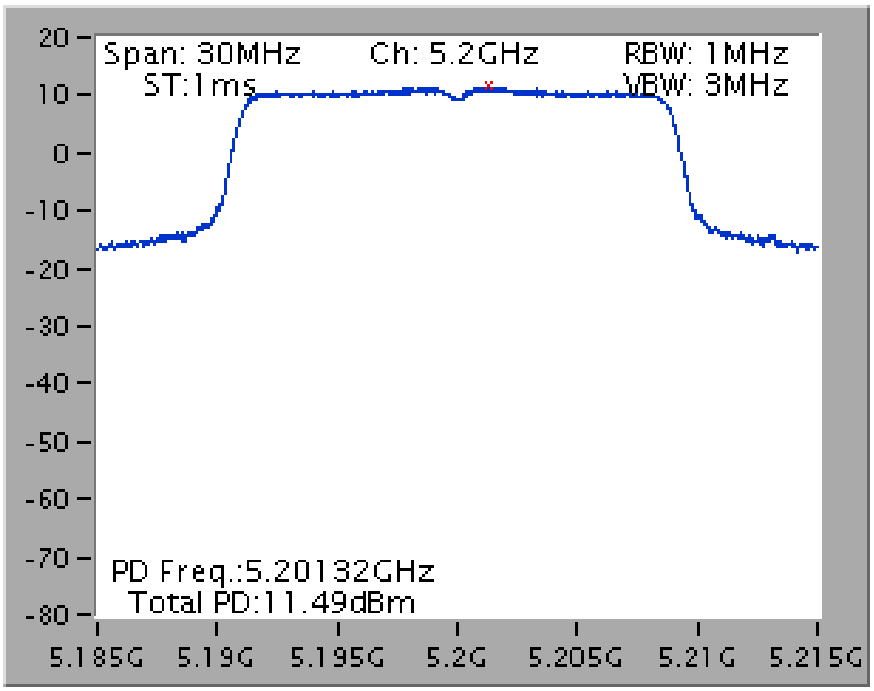


<For STBC Mode>

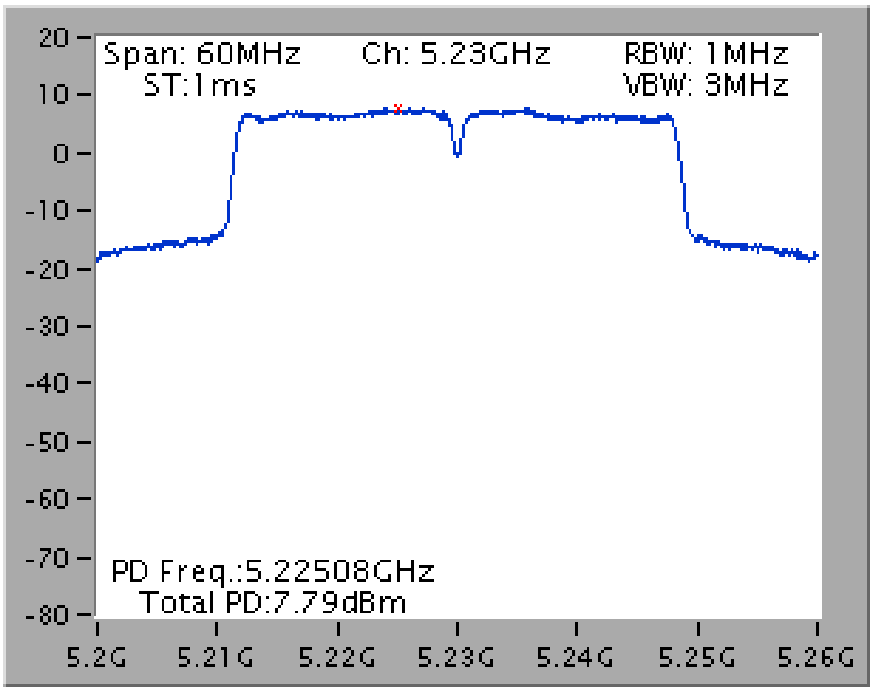
For indoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

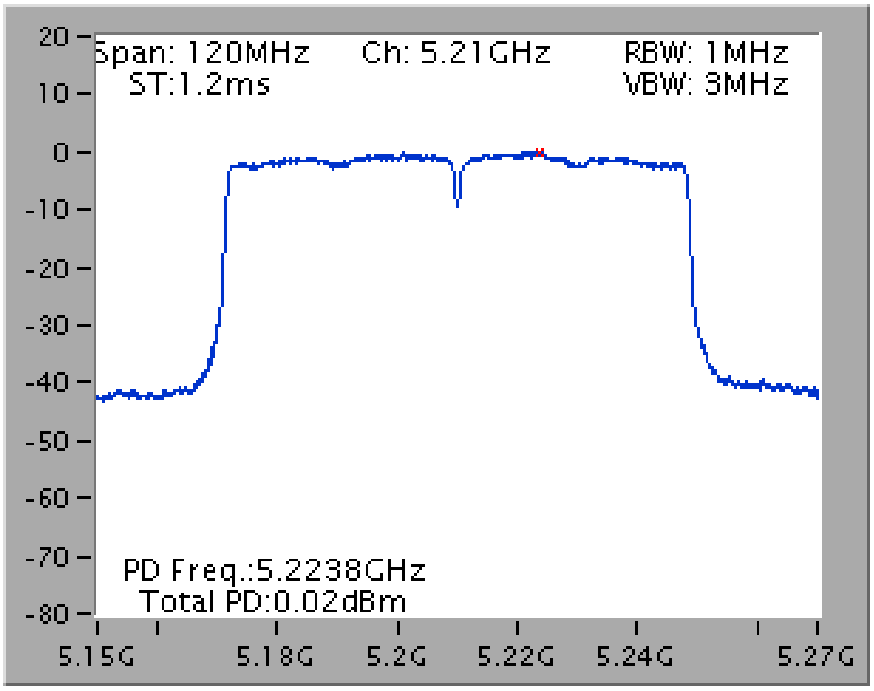
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

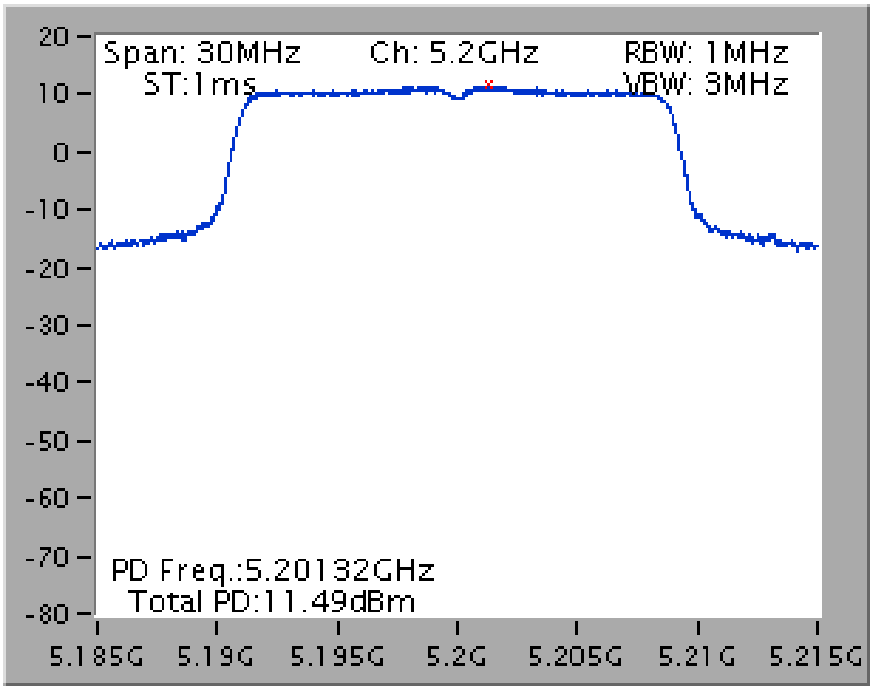


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

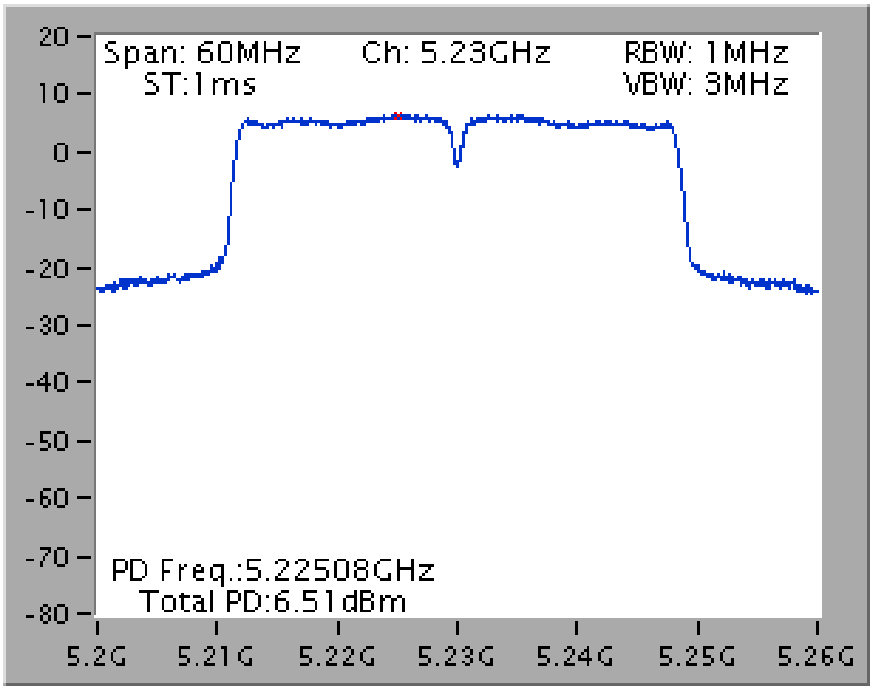


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

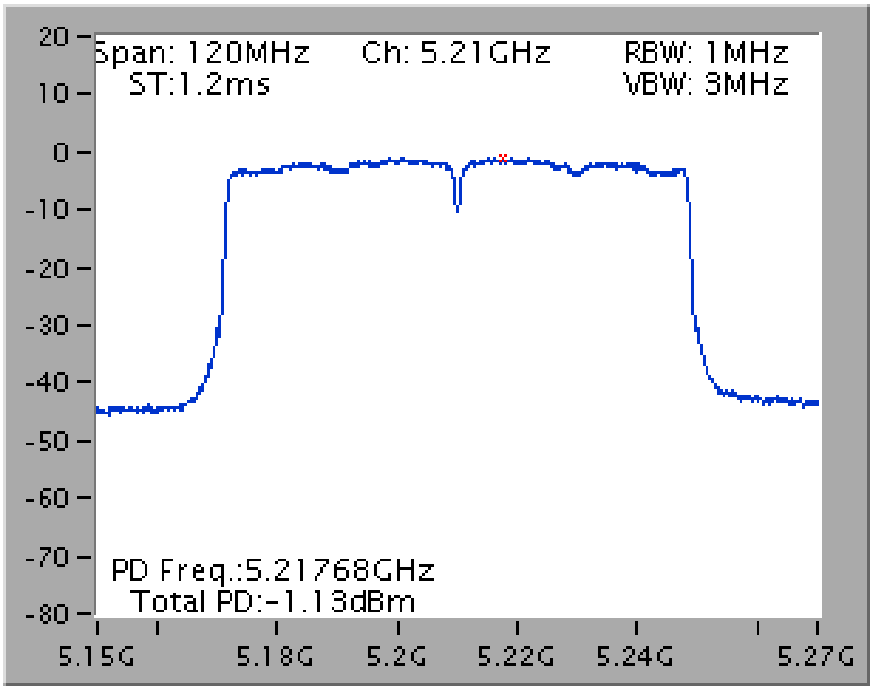
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

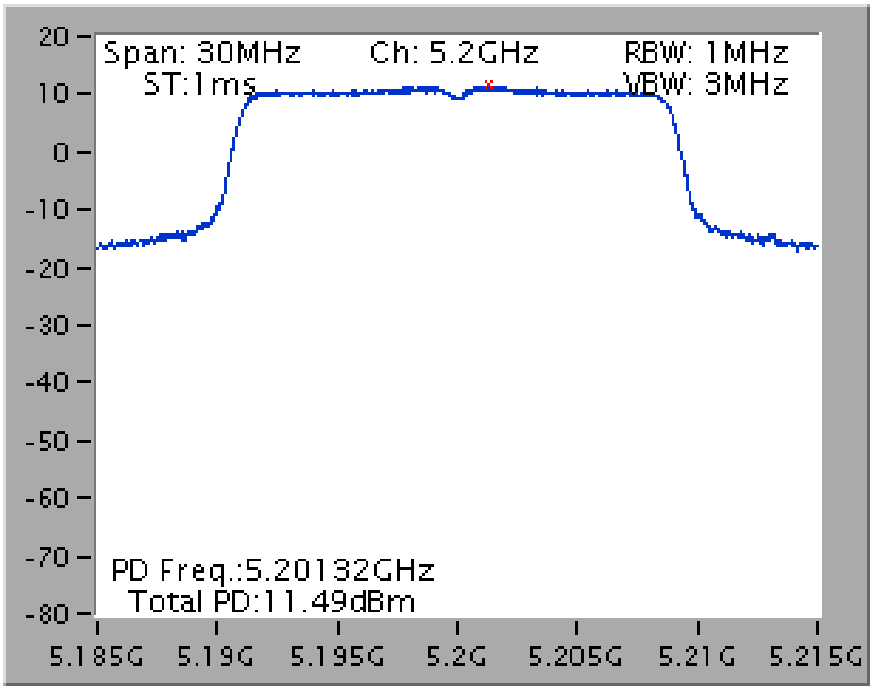


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

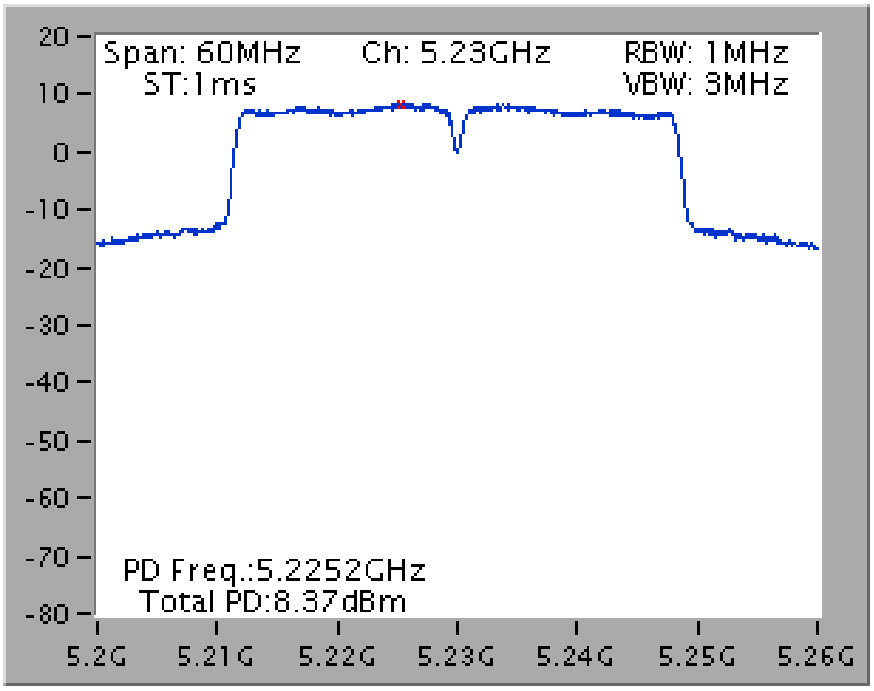


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

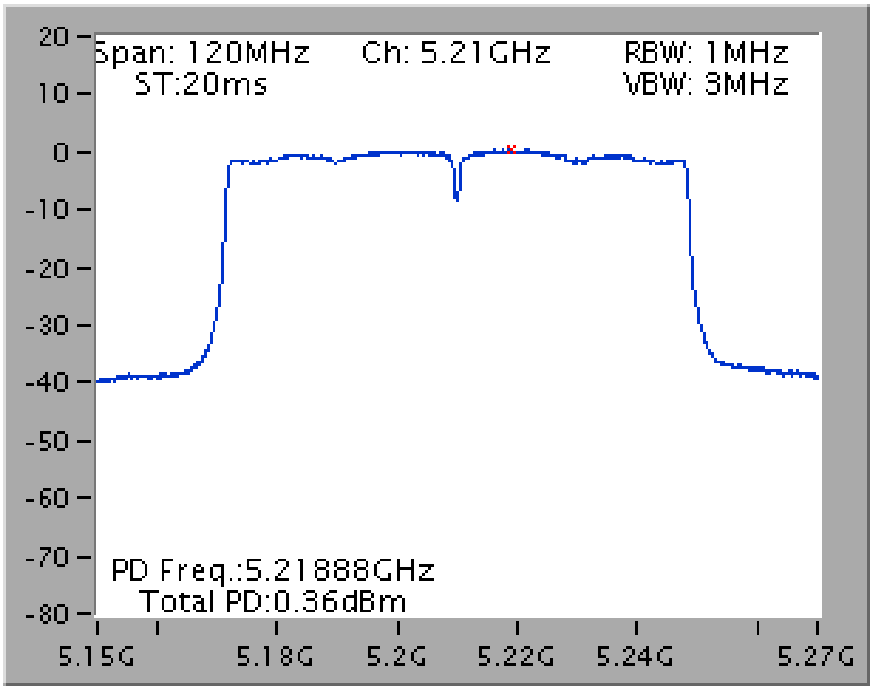
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz



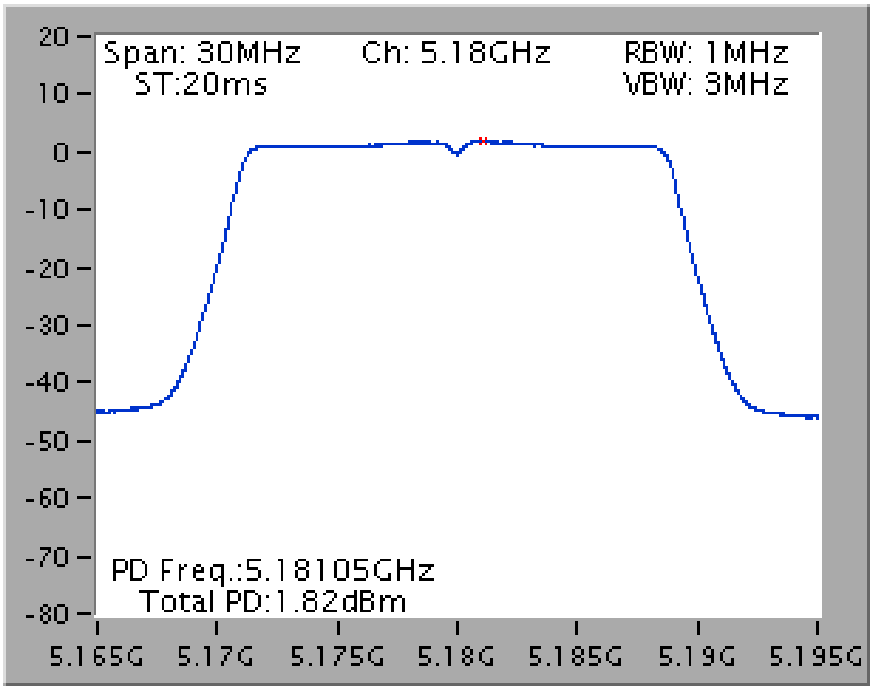
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



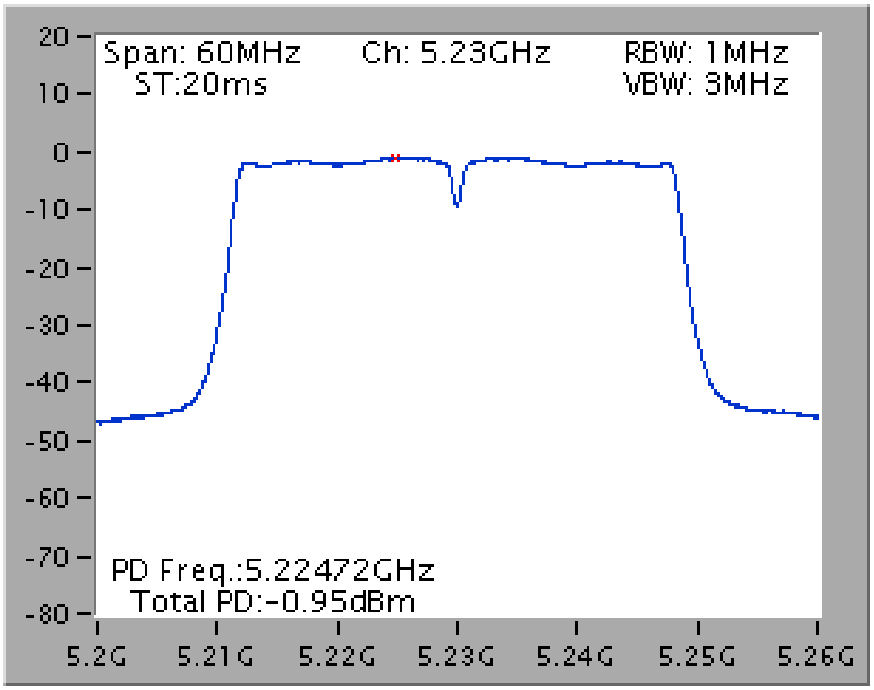
For outdoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

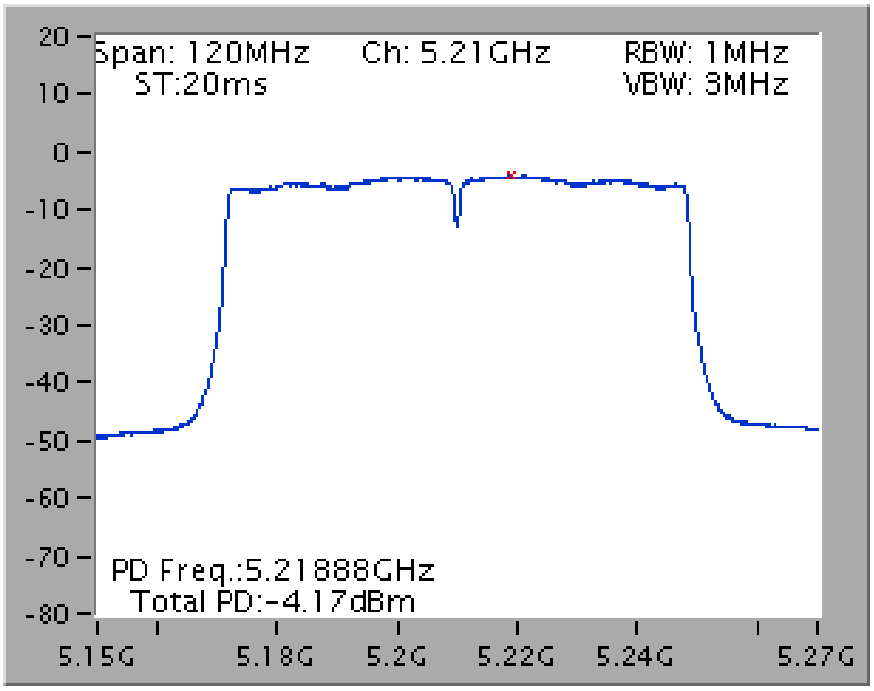
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz

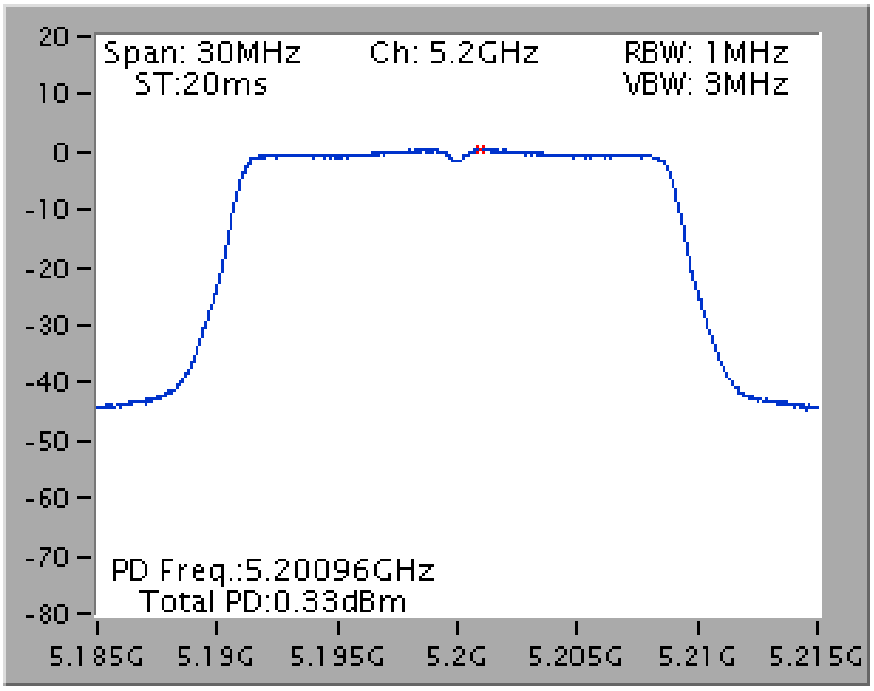


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

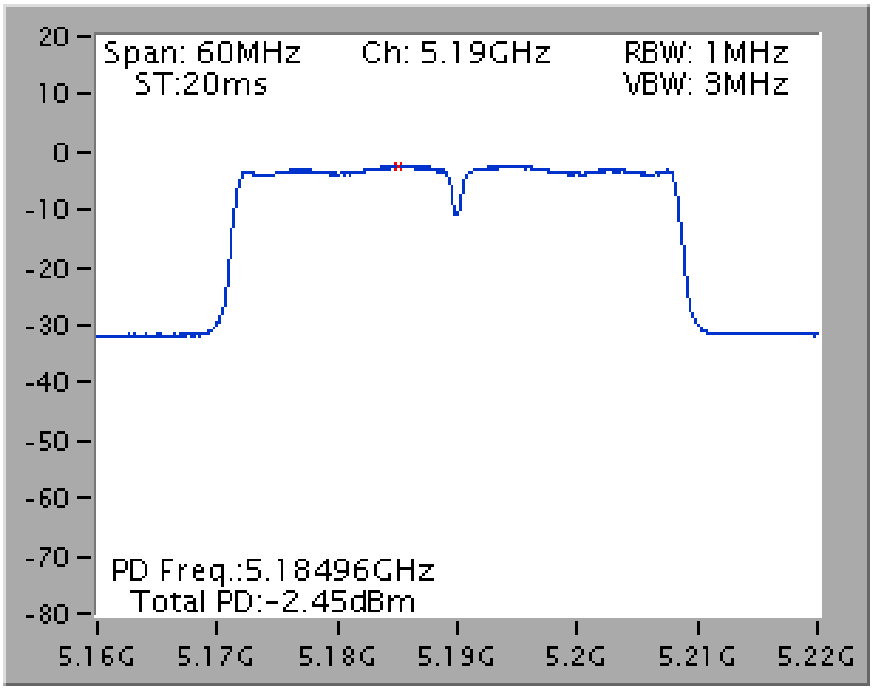


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

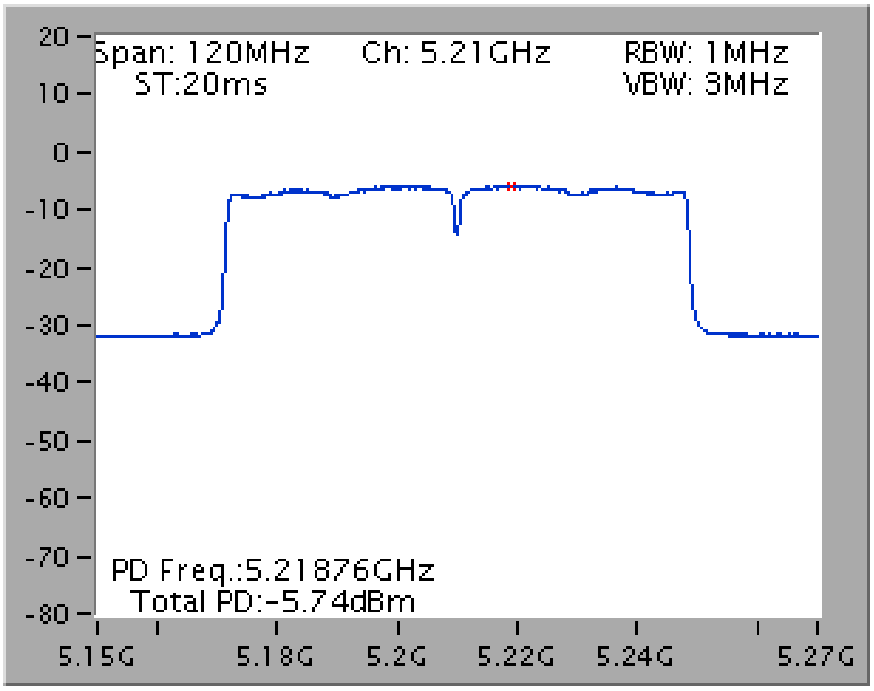
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5200 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

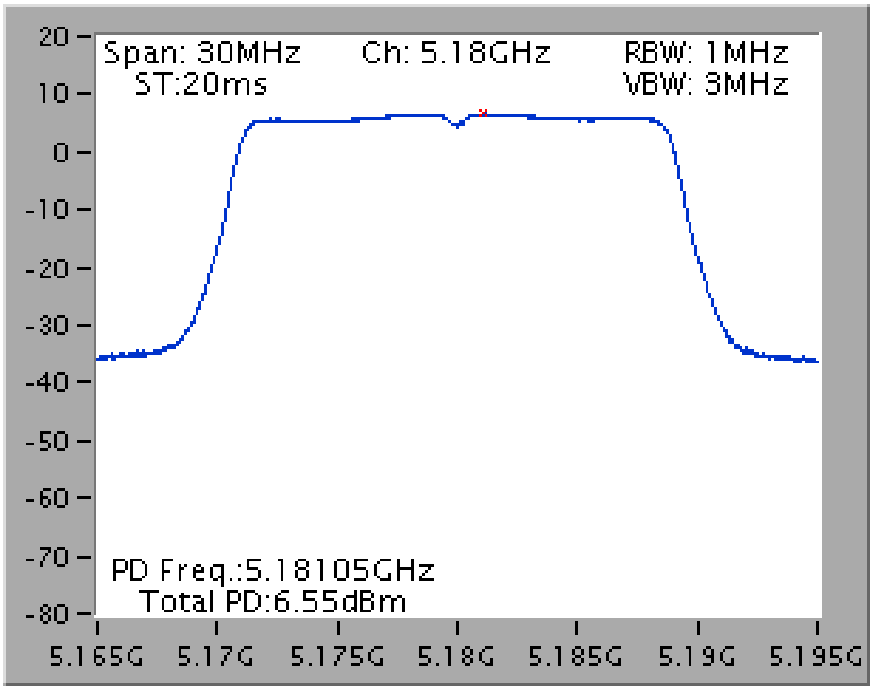


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

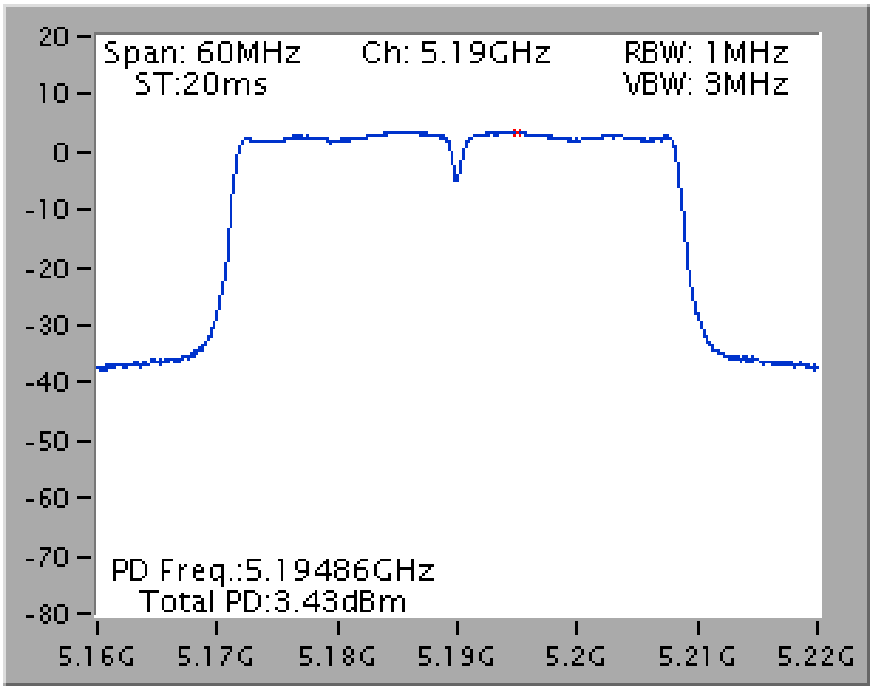


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

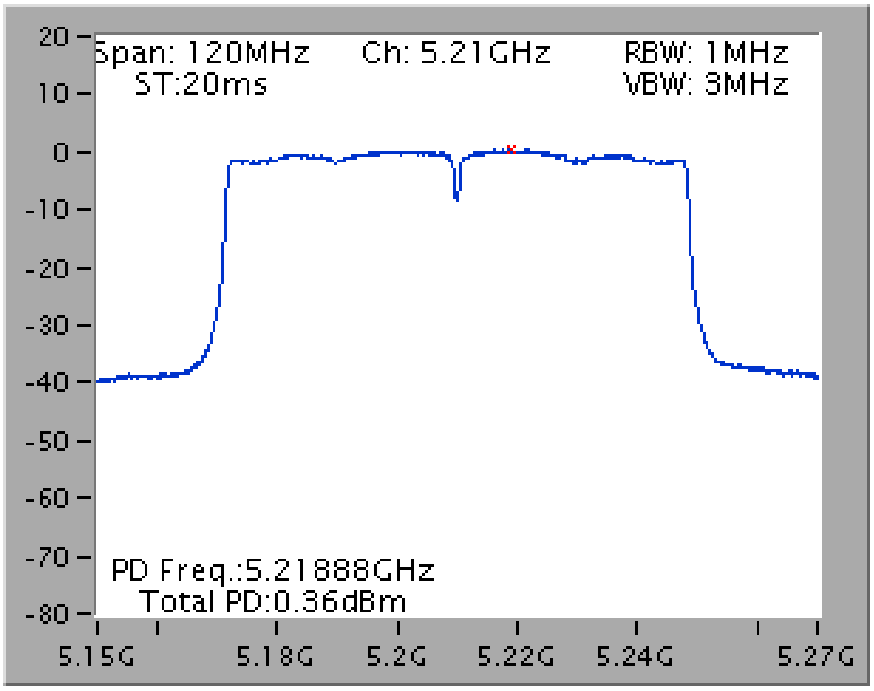
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5190 MHz

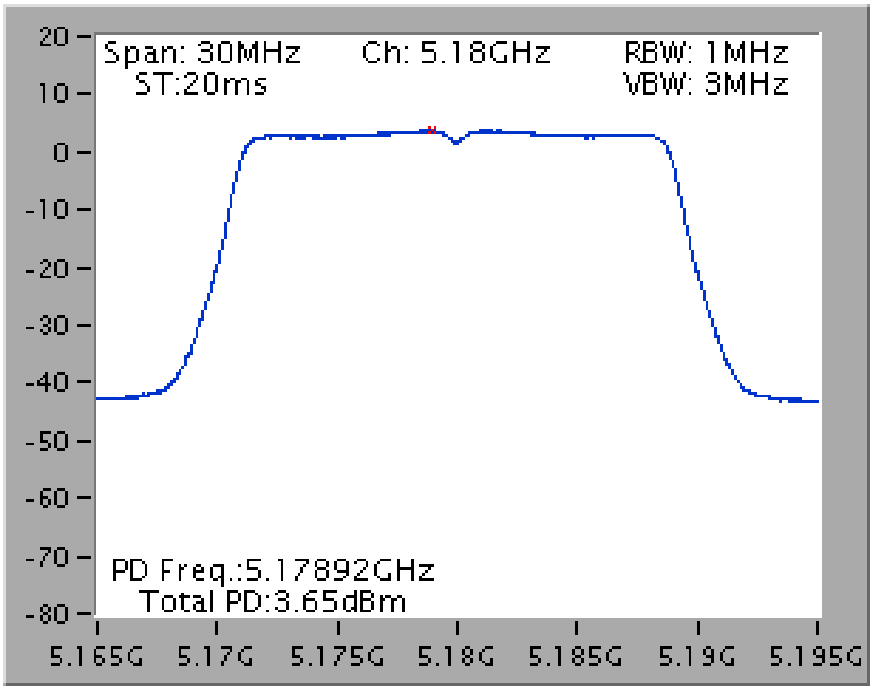


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz

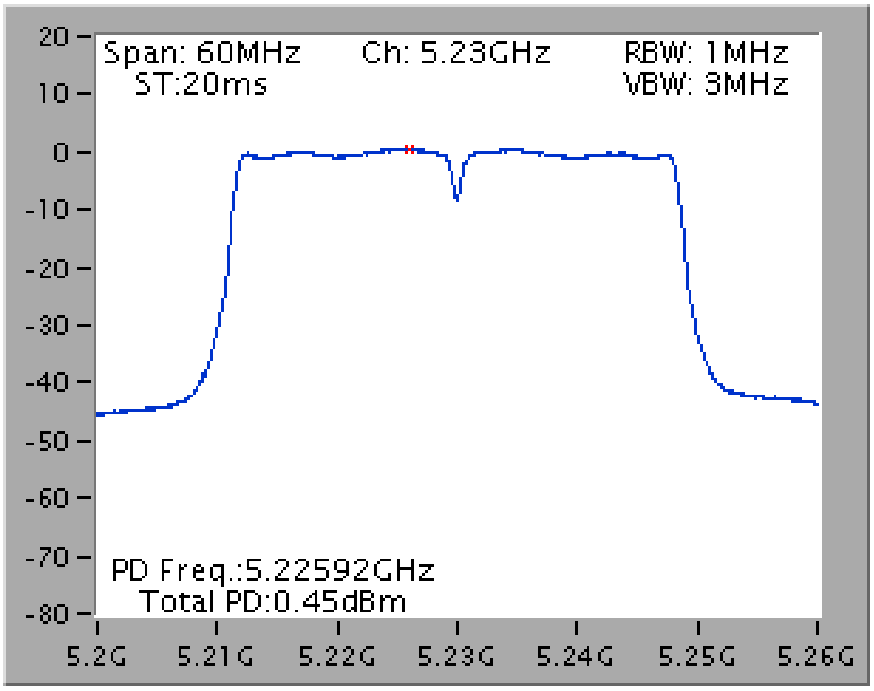


Mode 4 (Ant. 4 Panel antenna / 5.1dBi / 2TX)

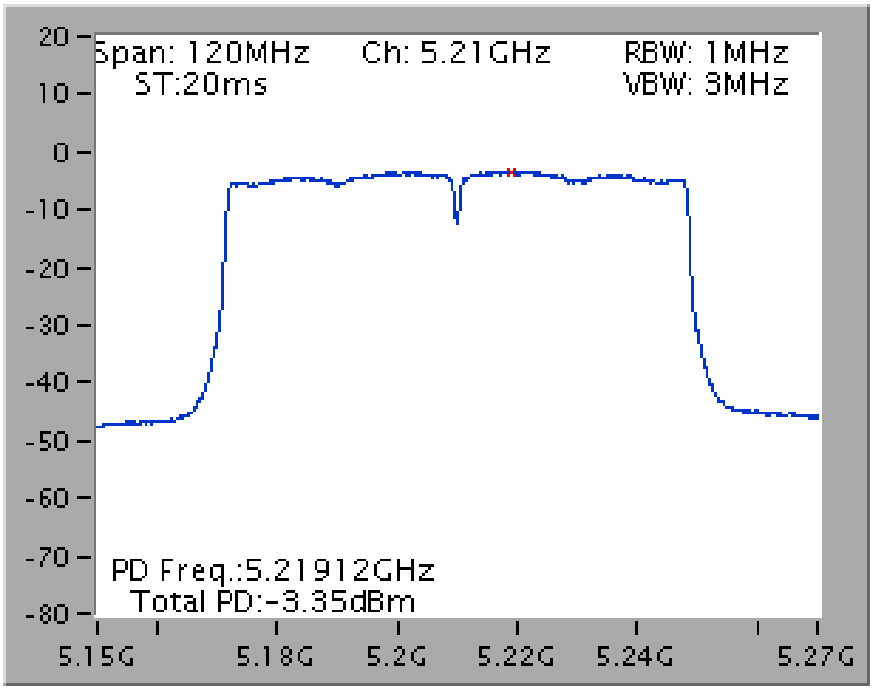
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5180 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5230 MHz



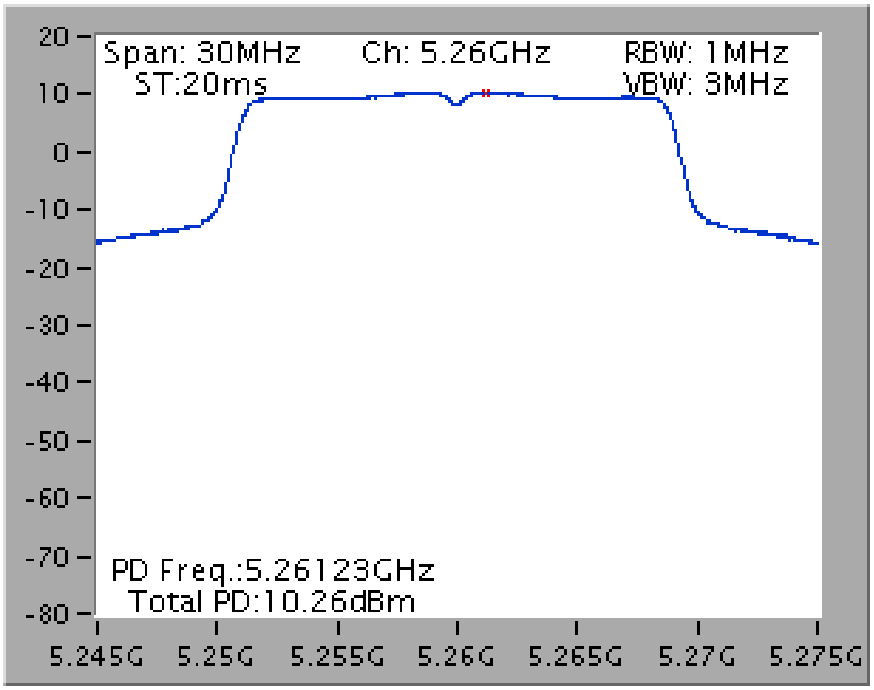
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5210 MHz



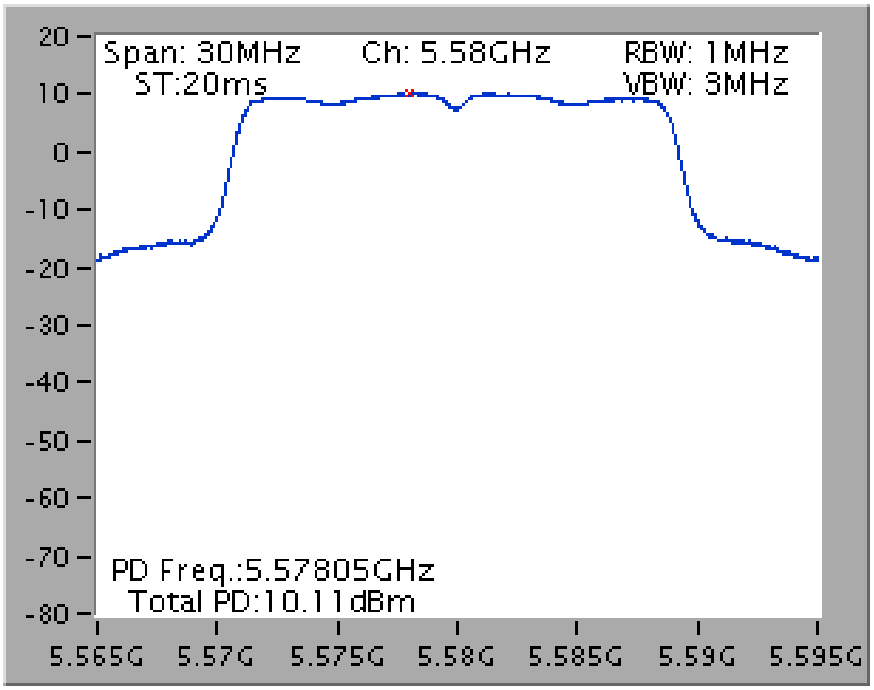
For indoor / outdoor use

Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)

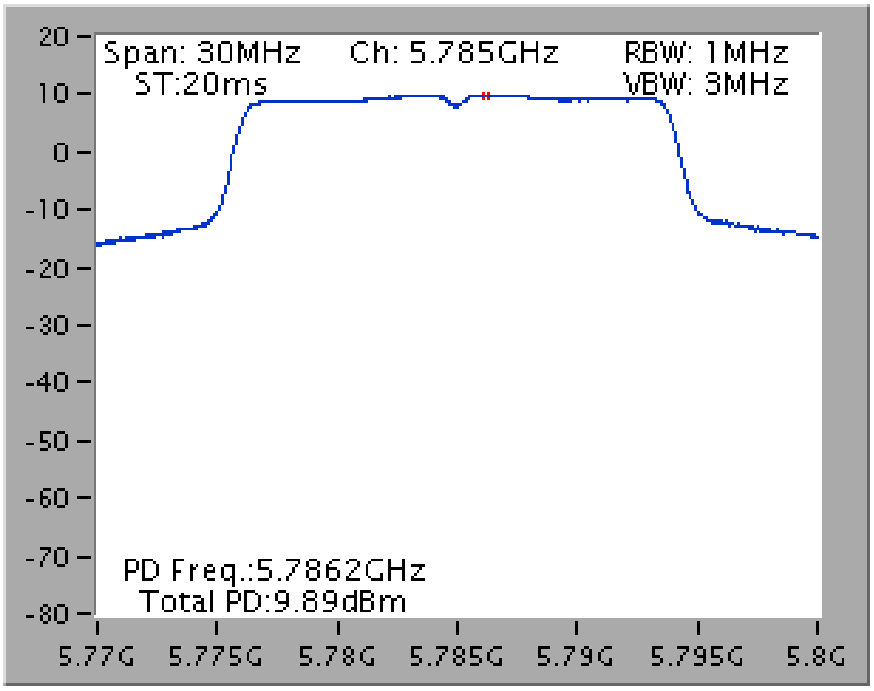
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



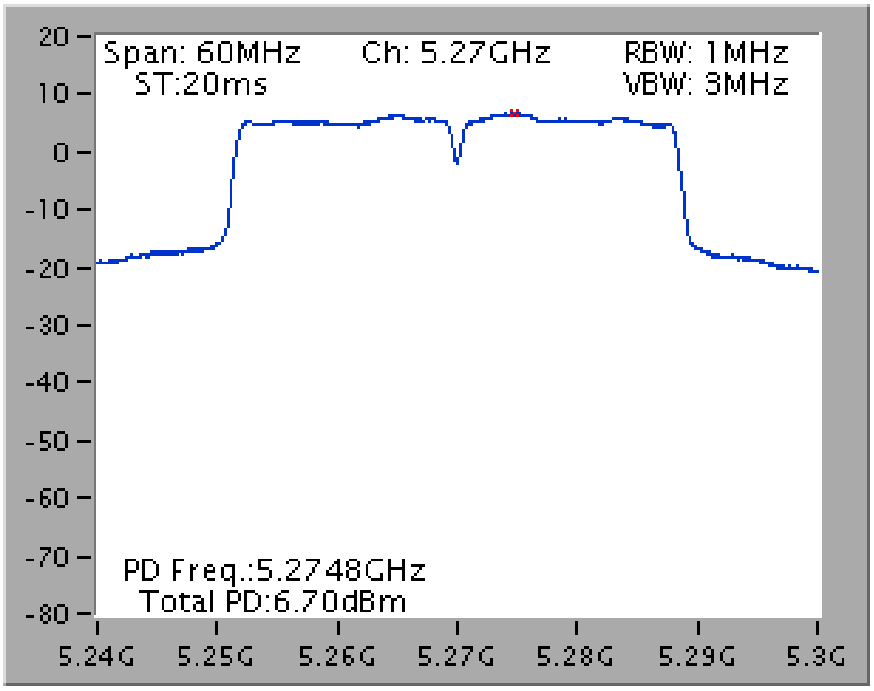
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5580 MHz



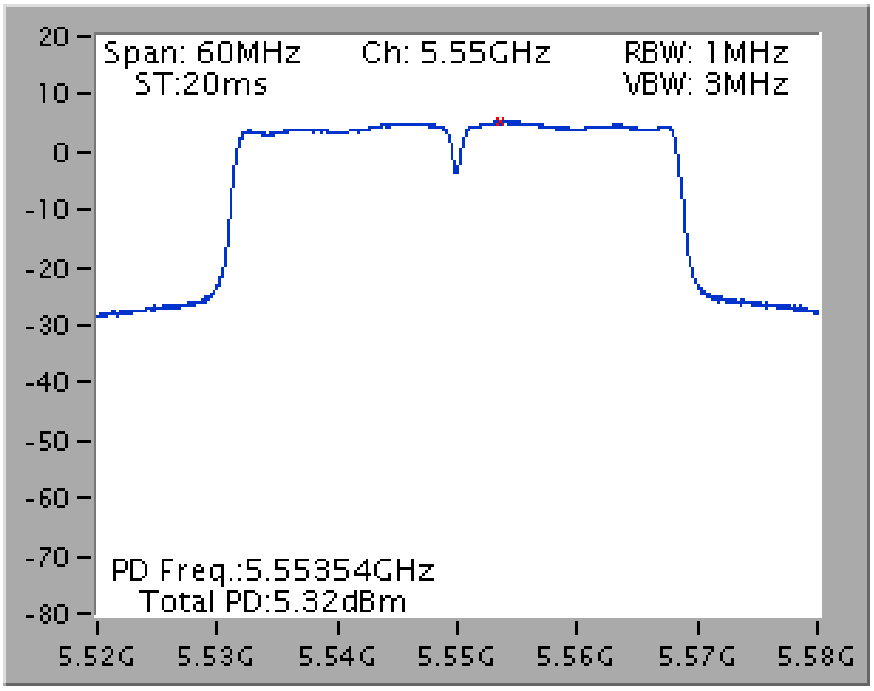
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



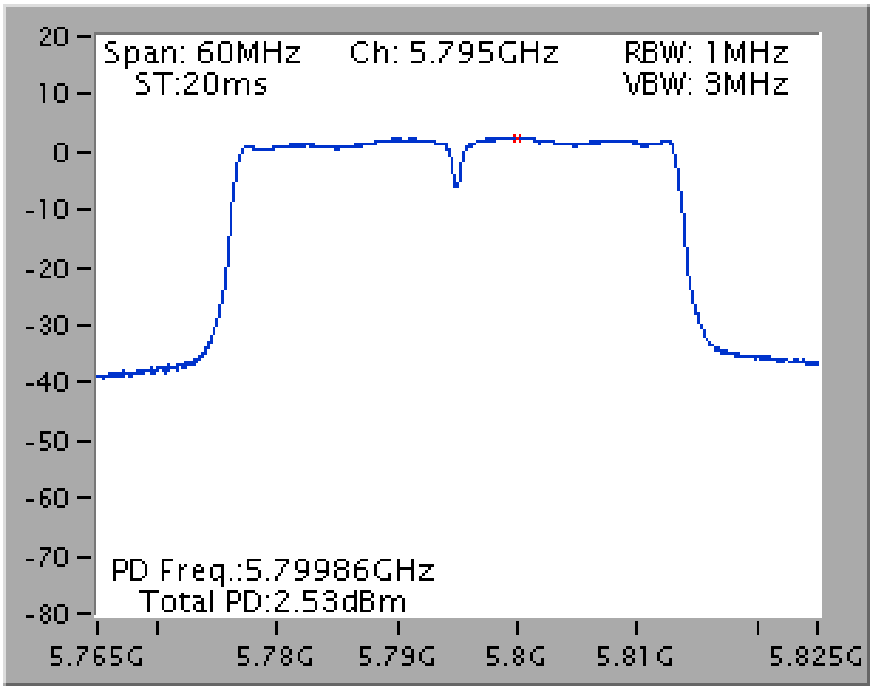
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



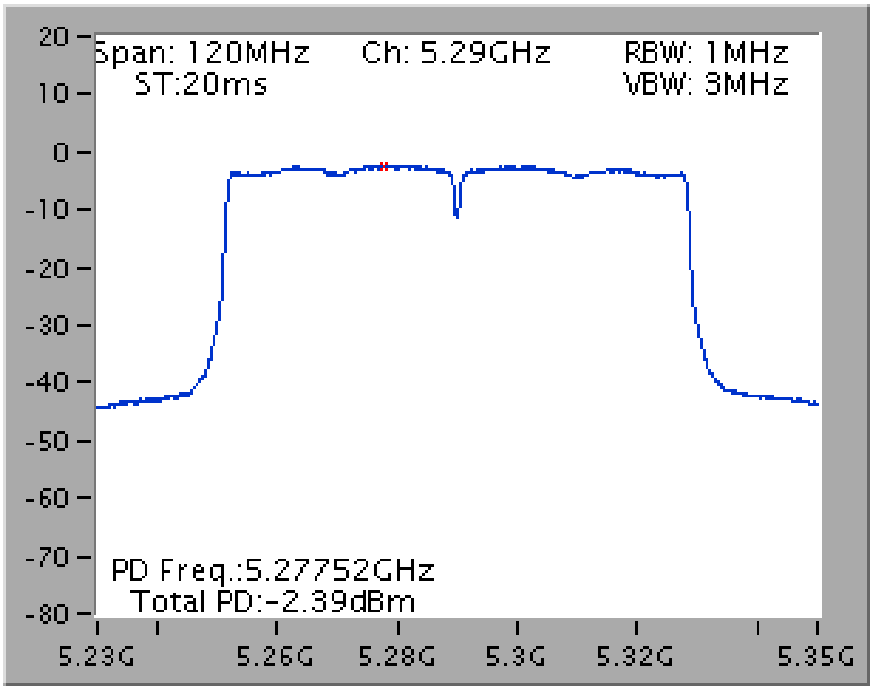
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



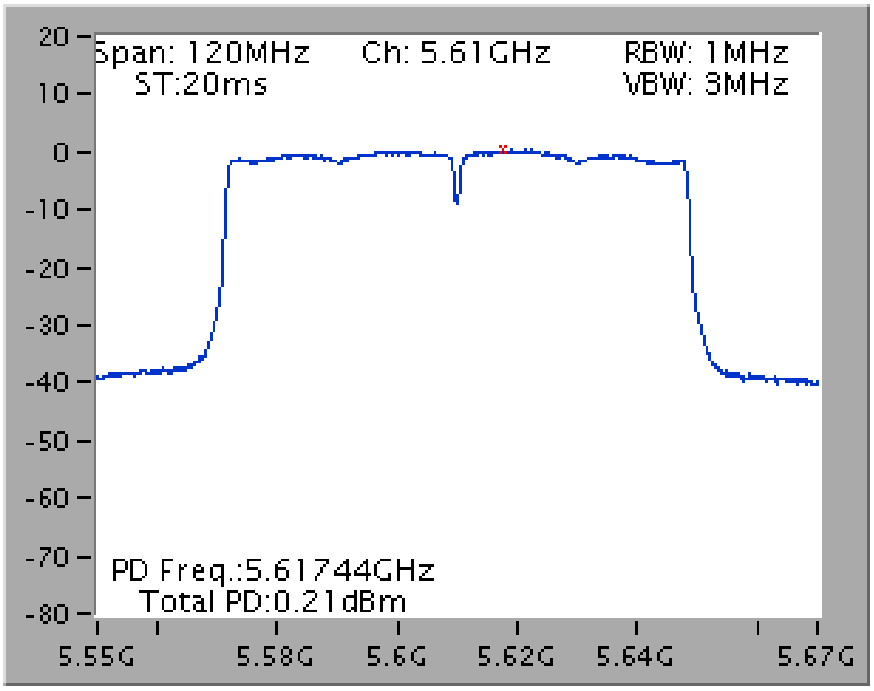
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



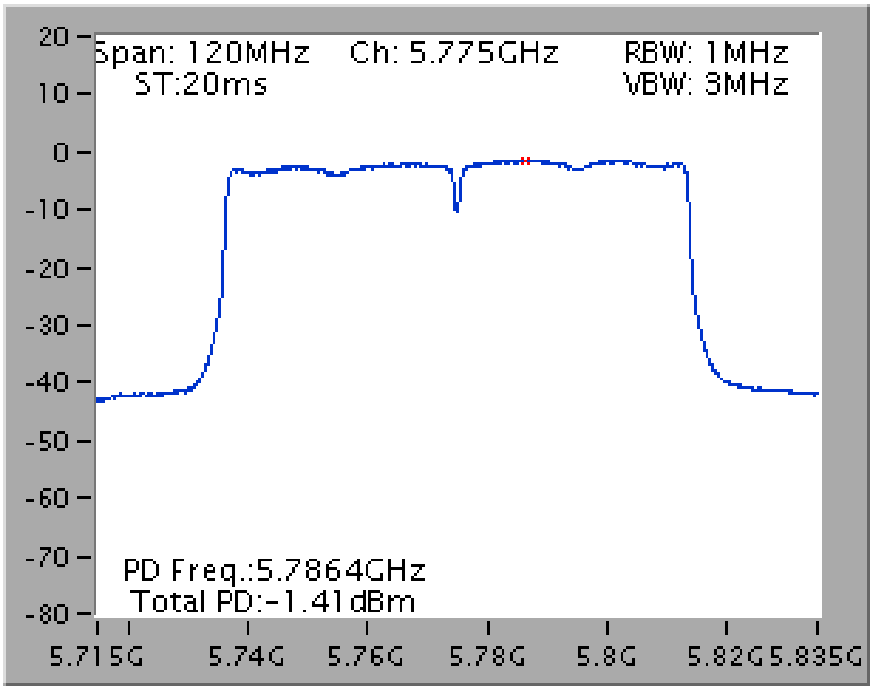
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

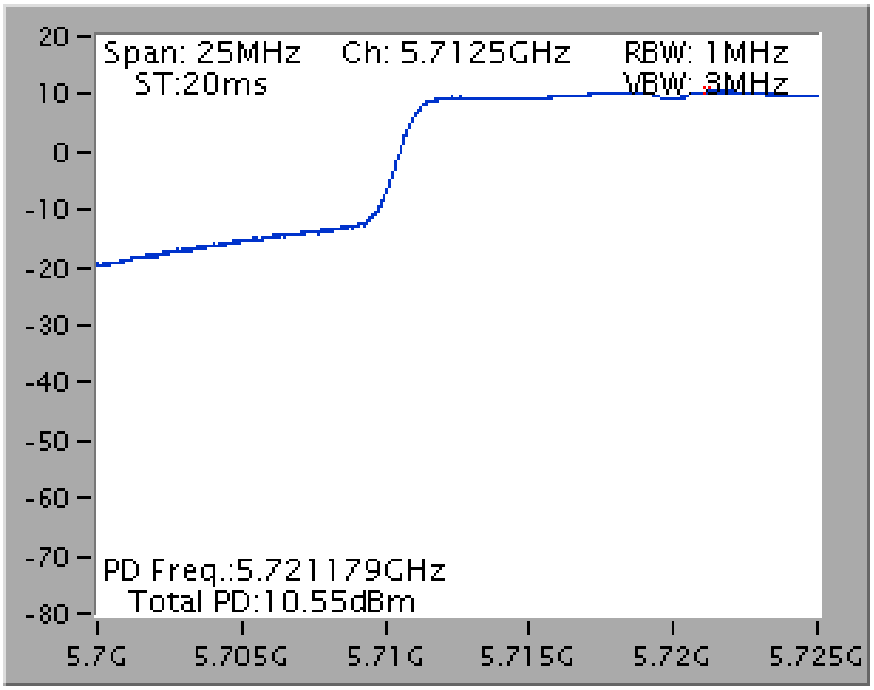


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

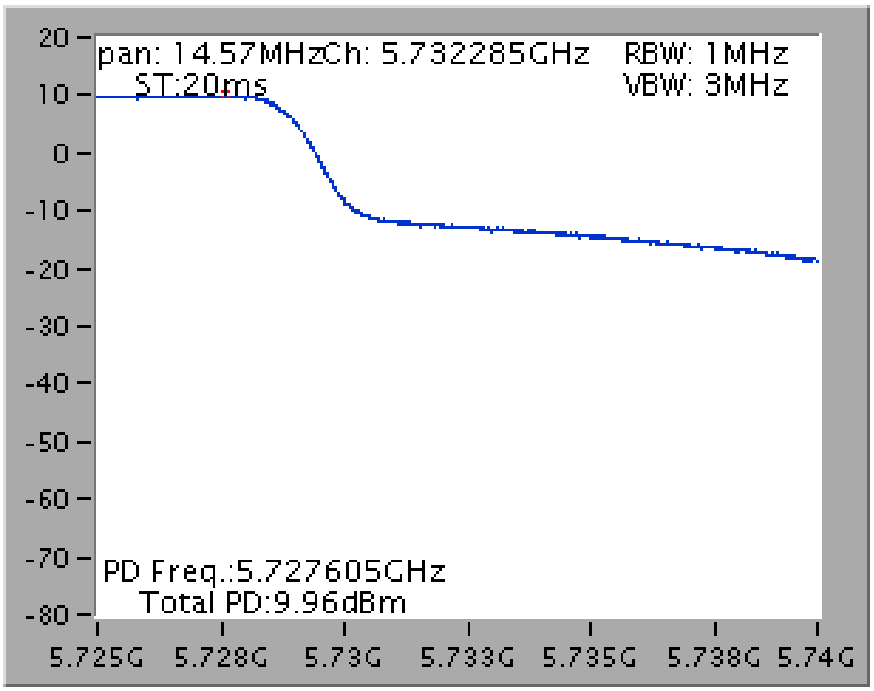


Straddle Channel

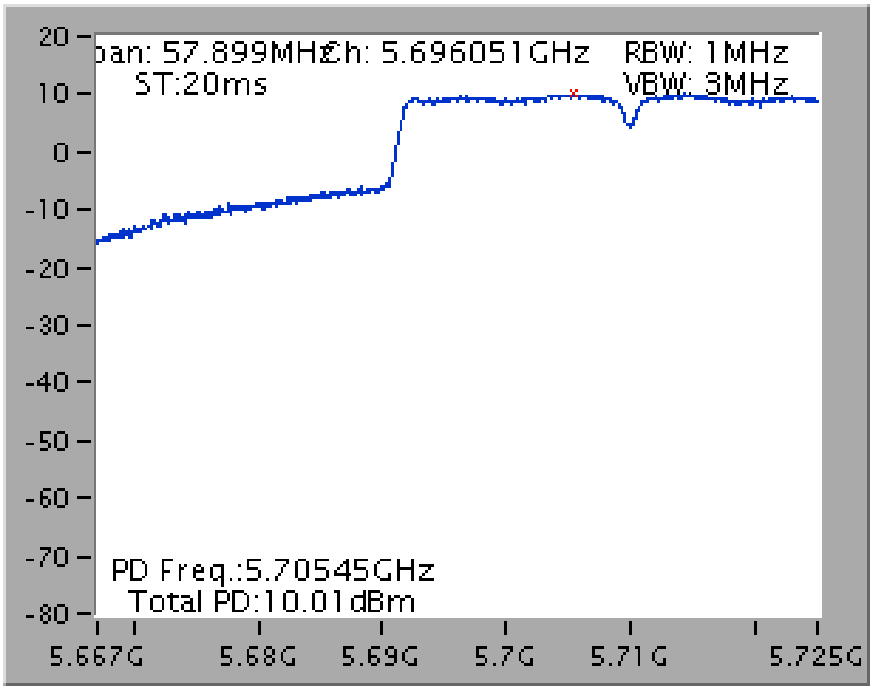
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



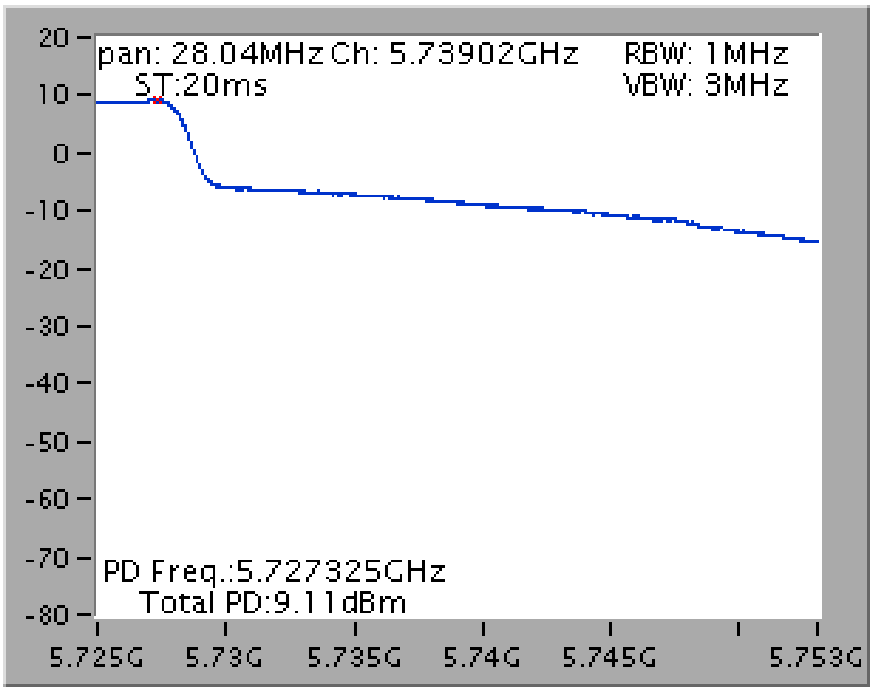
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



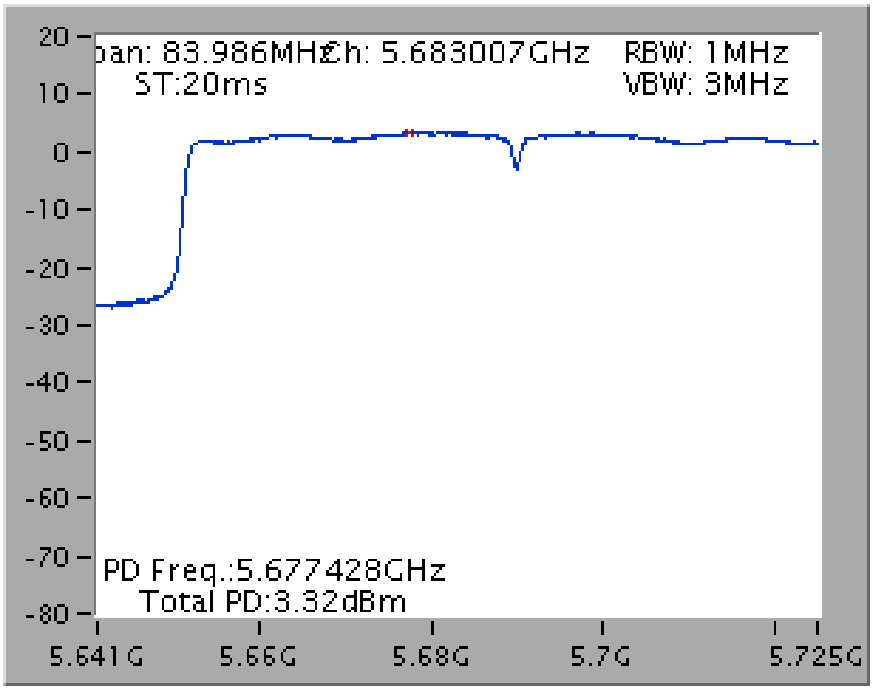
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



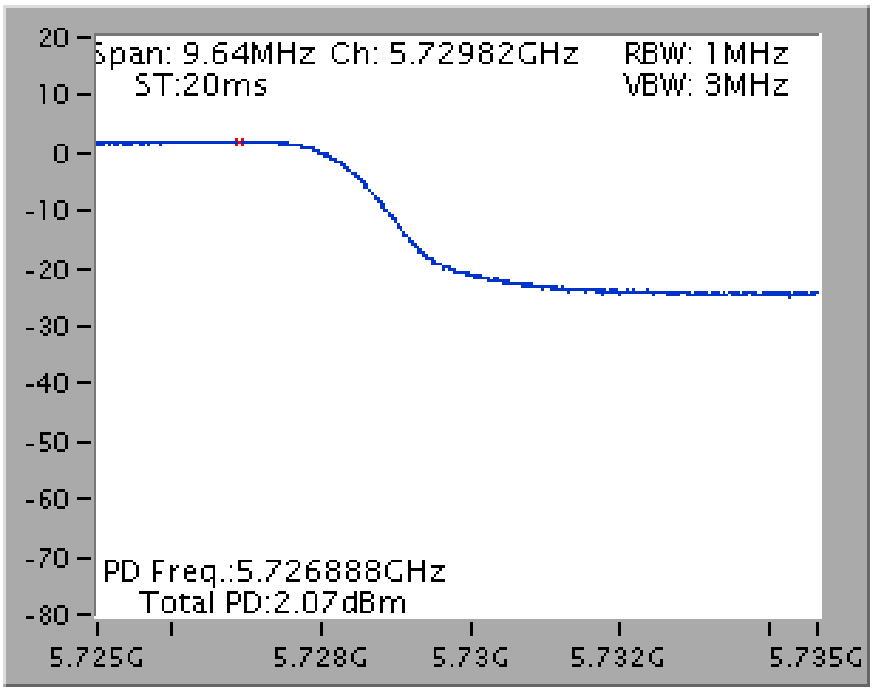
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

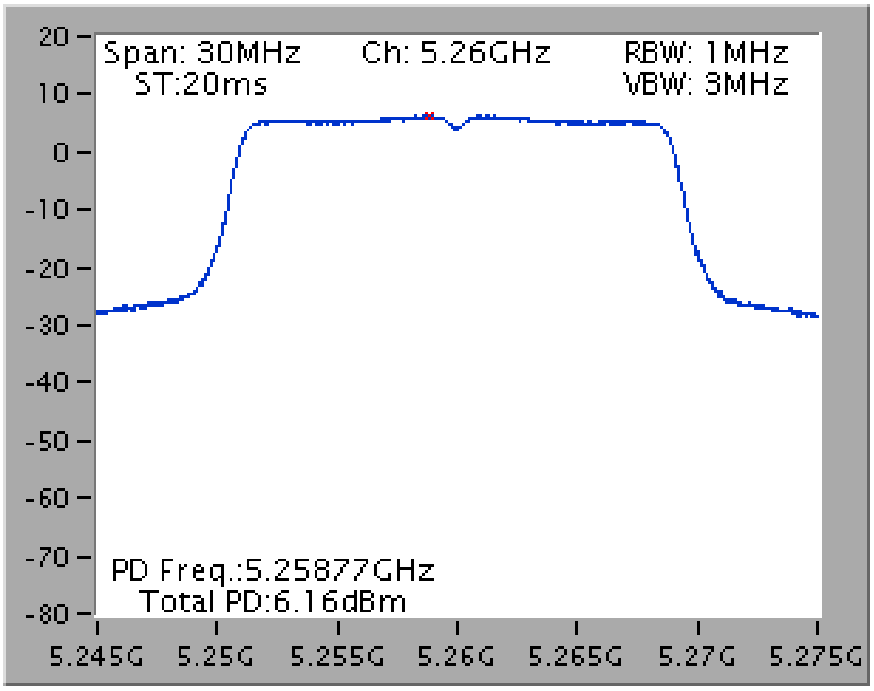


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

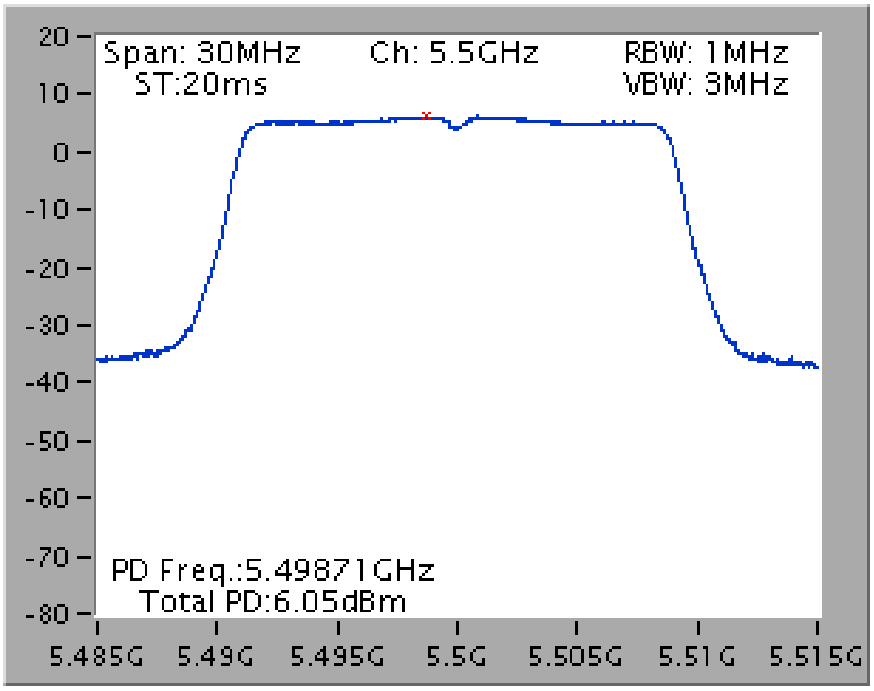


Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)

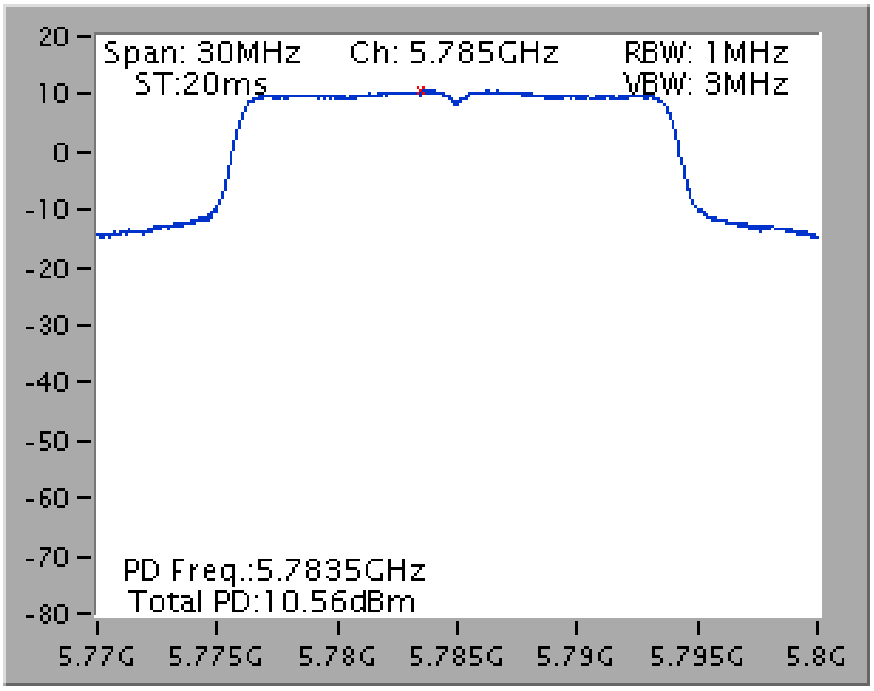
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



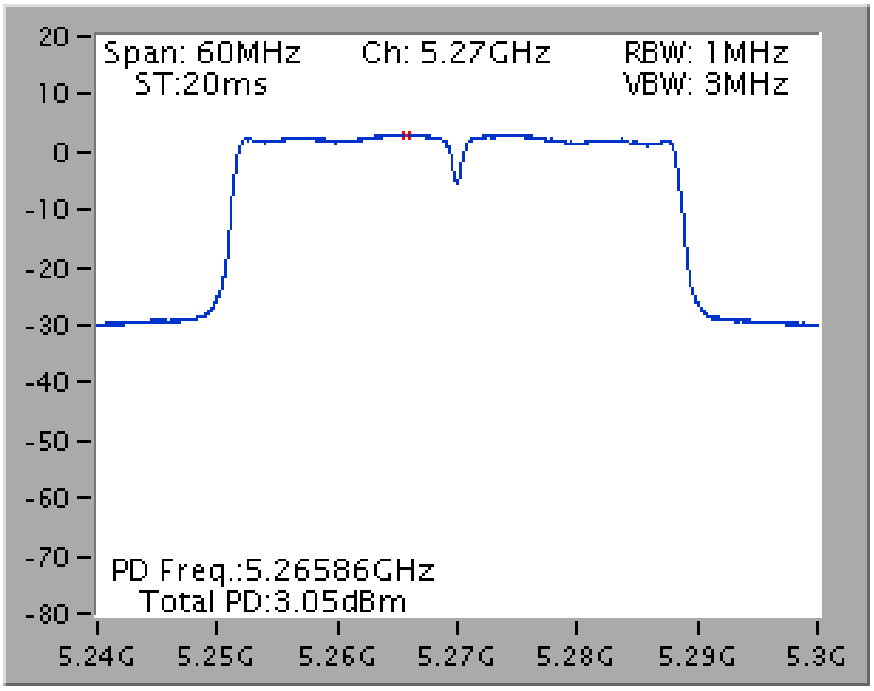
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5500 MHz



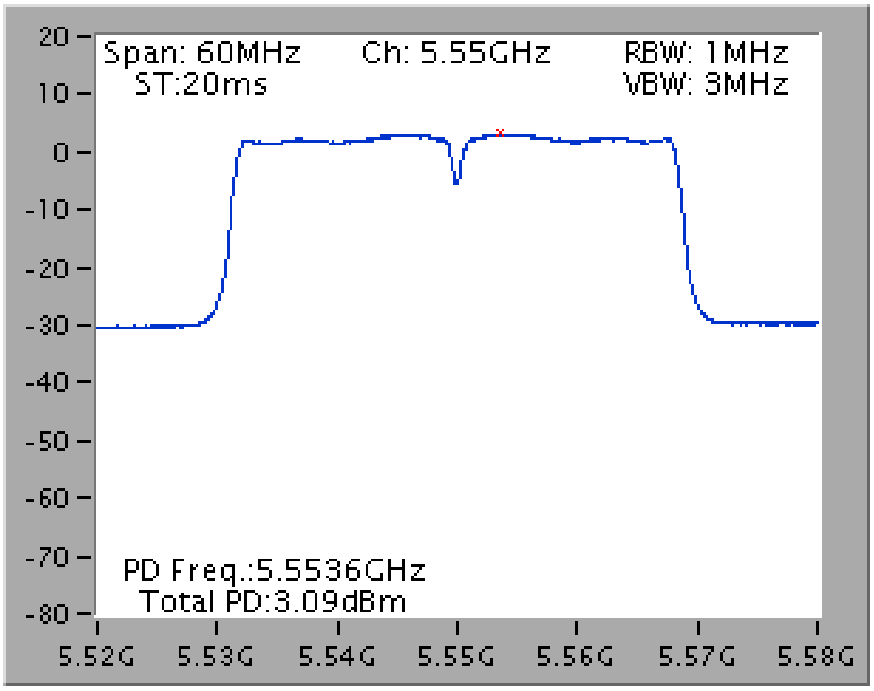
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



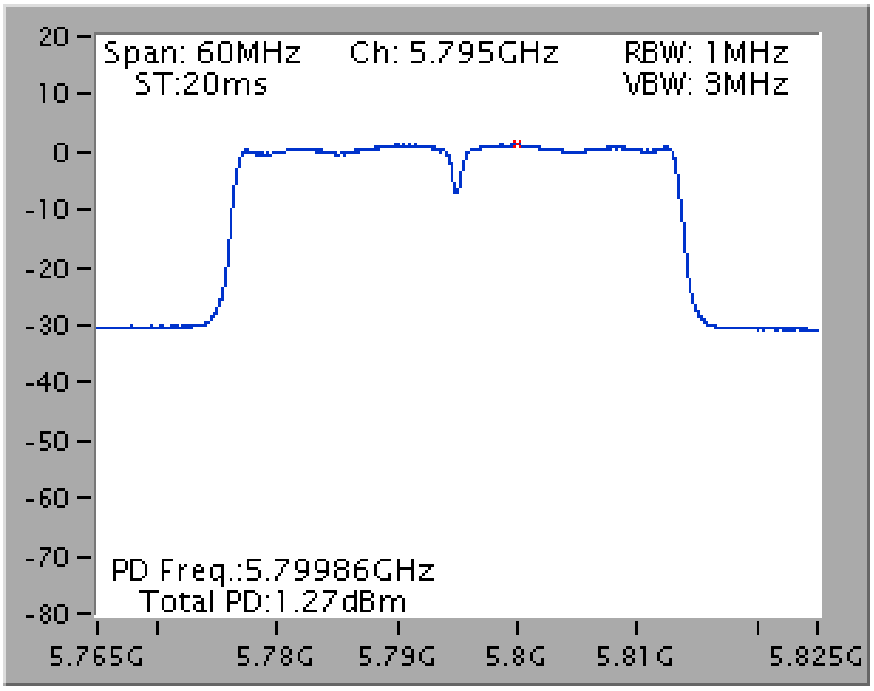
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



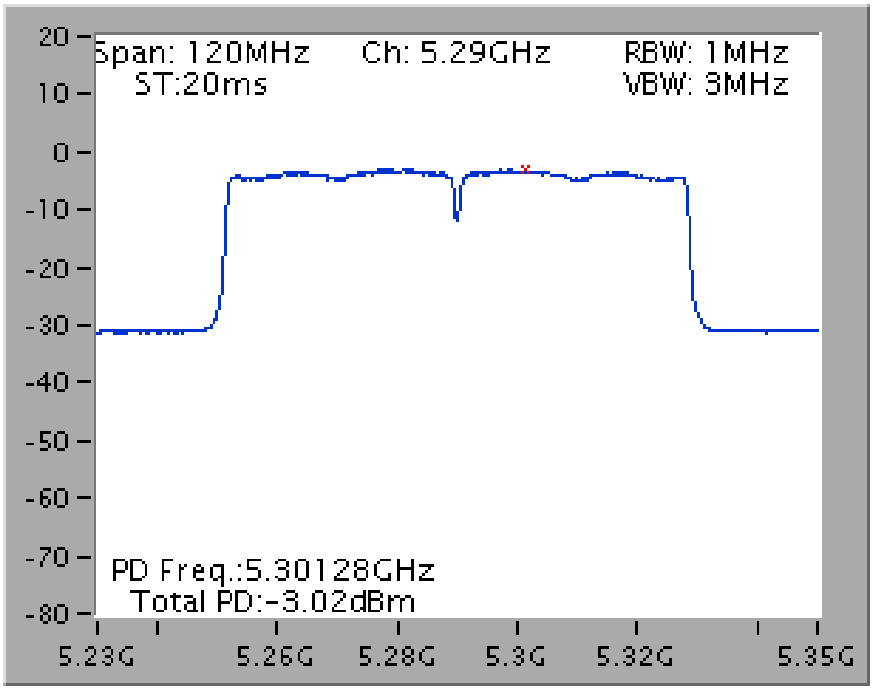
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



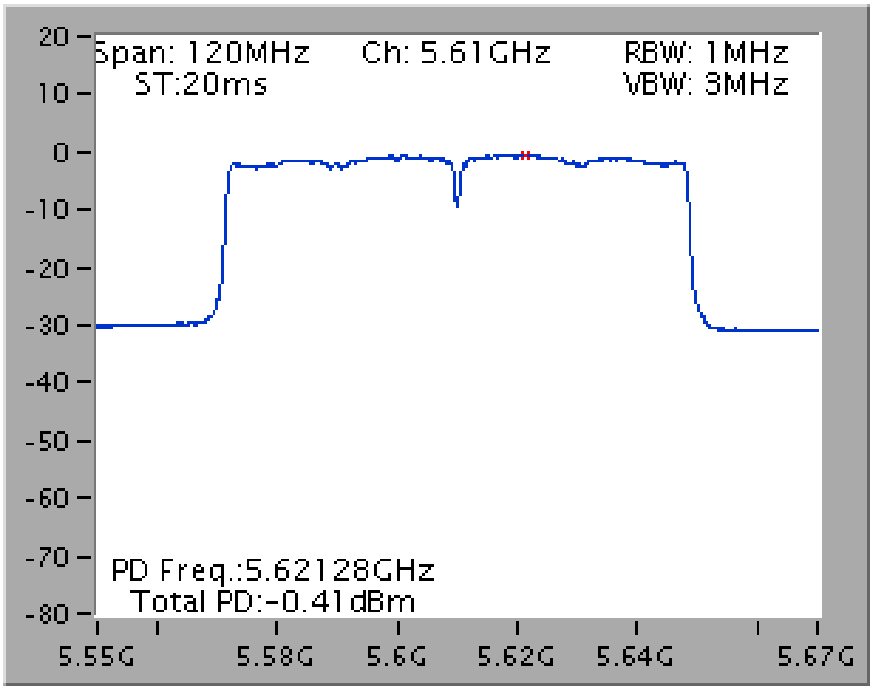
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



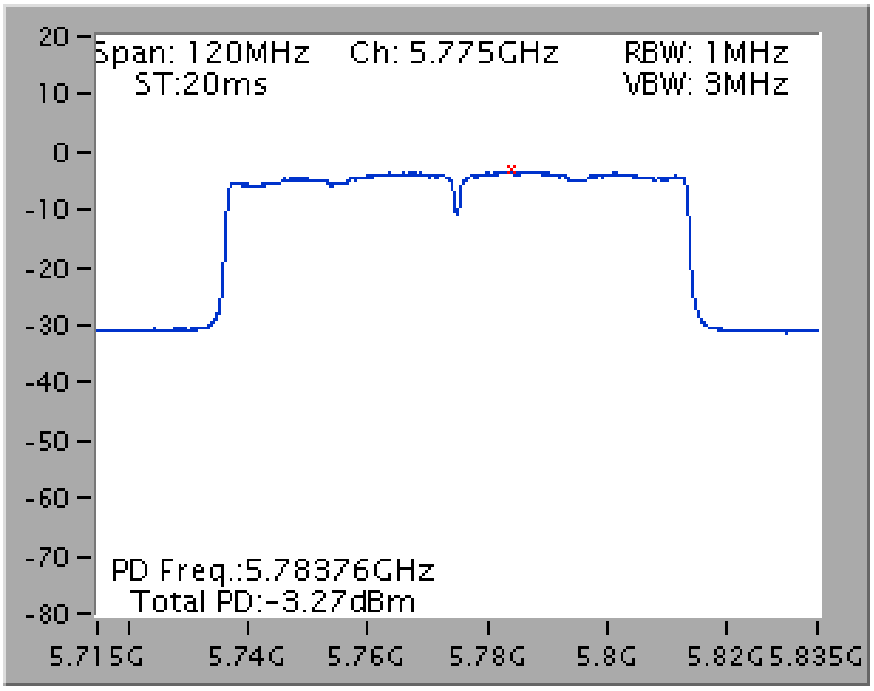
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

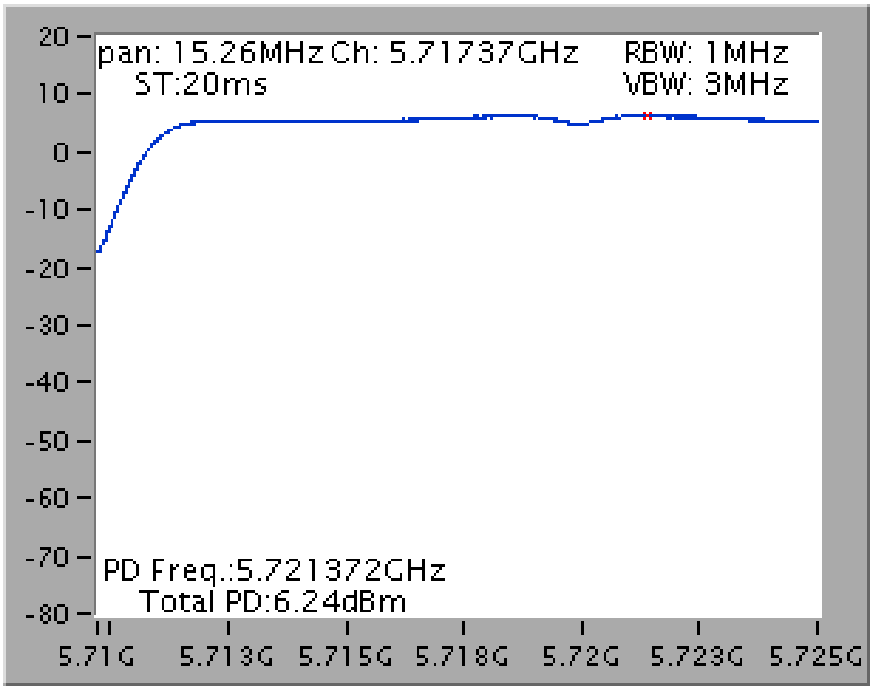


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

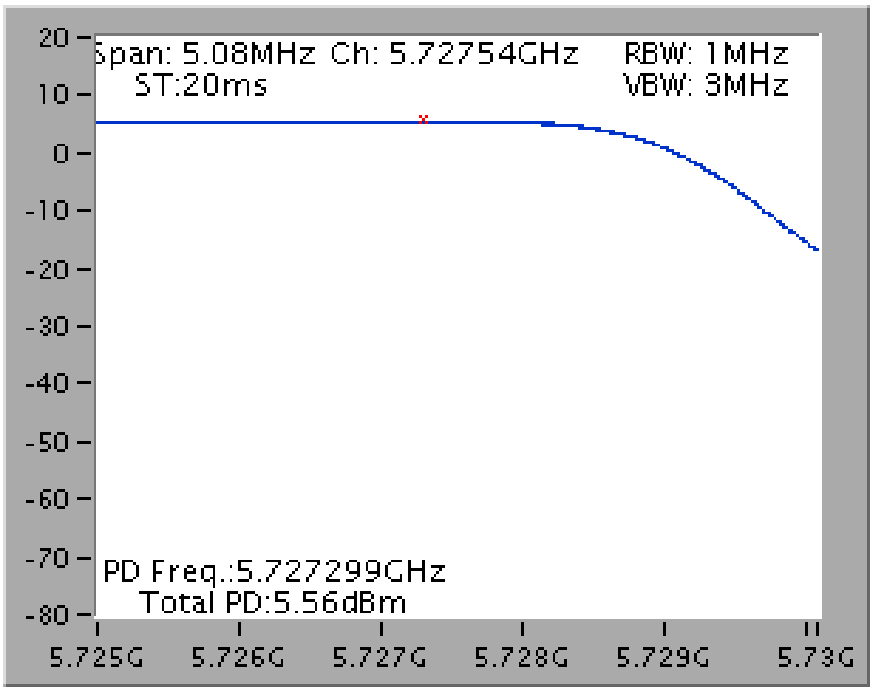


Straddle Channel

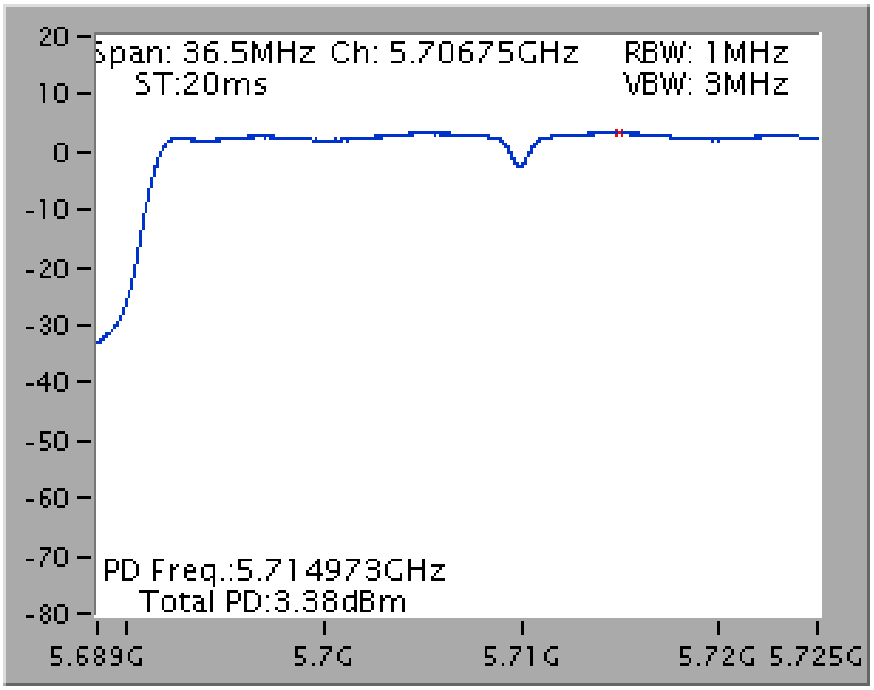
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



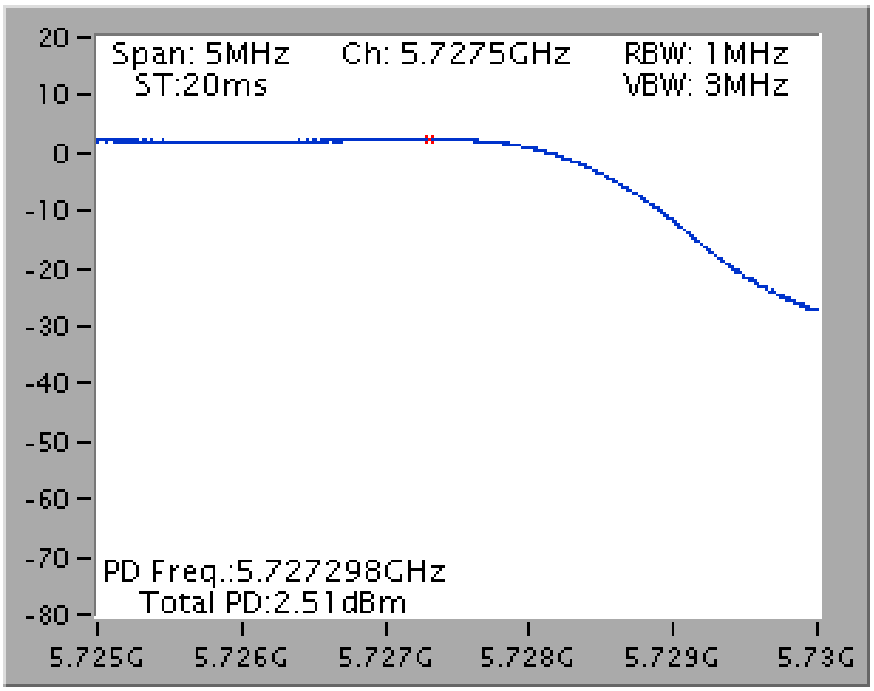
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



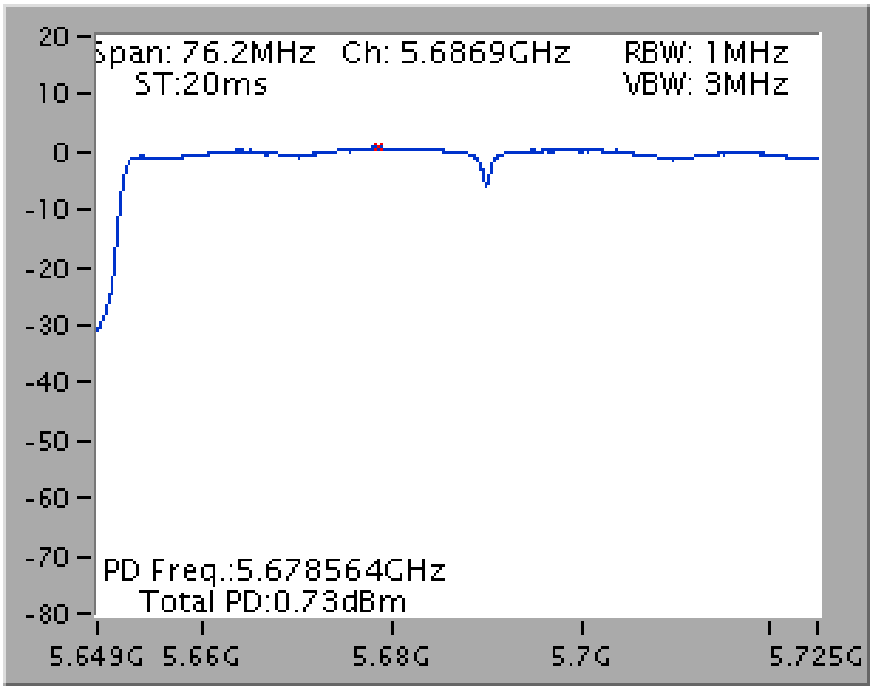
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



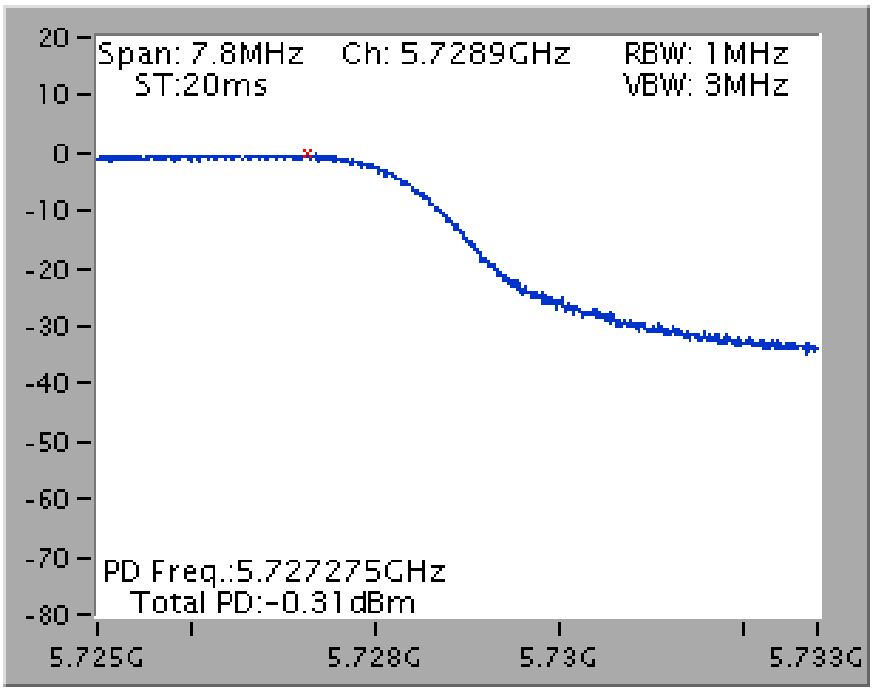
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)

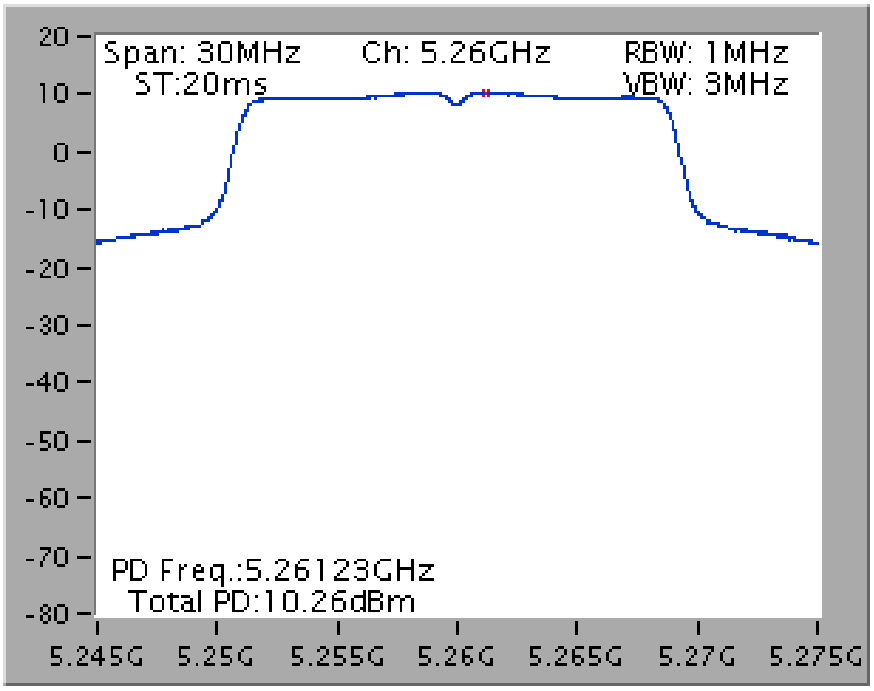


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)

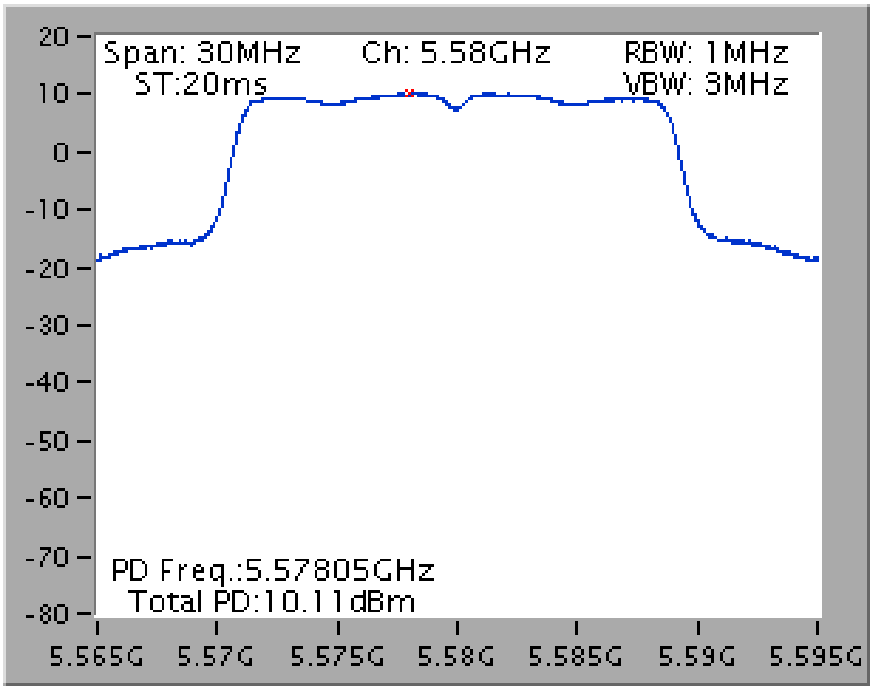


Mode 3 (Ant. 9 Patch antenna / 5.4dBi / 2TX)

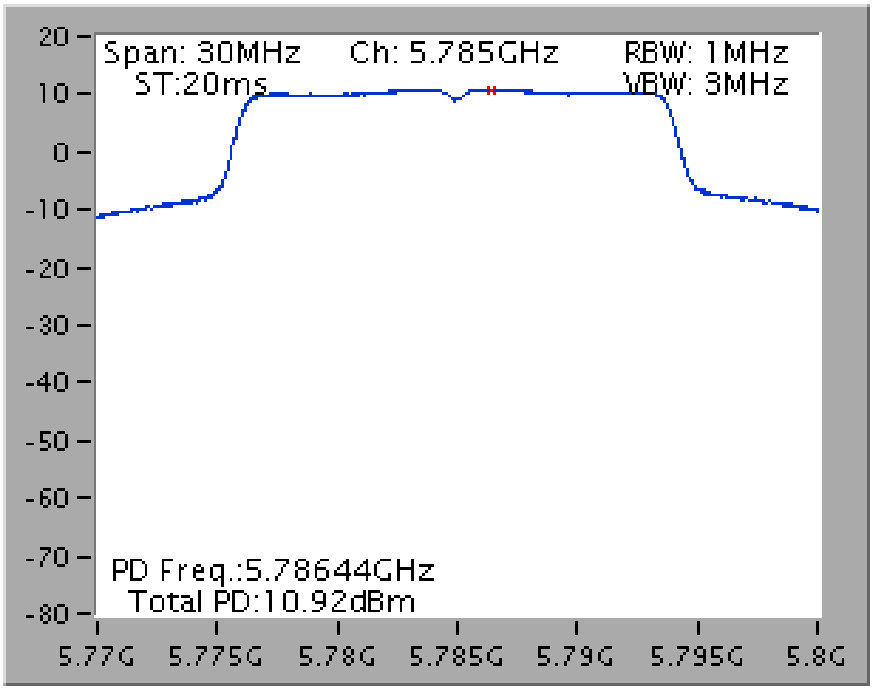
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5260 MHz



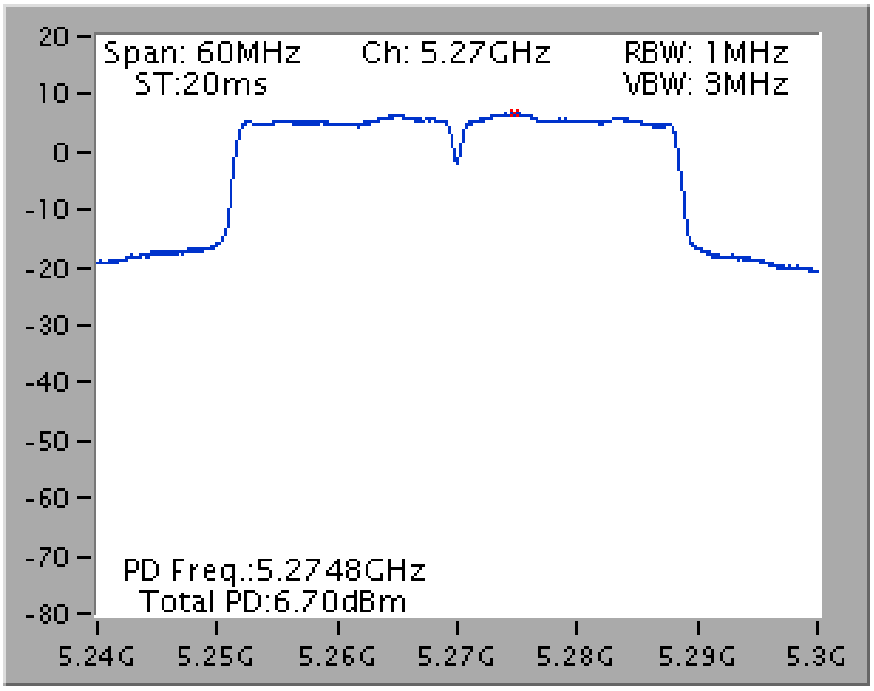
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5580 MHz



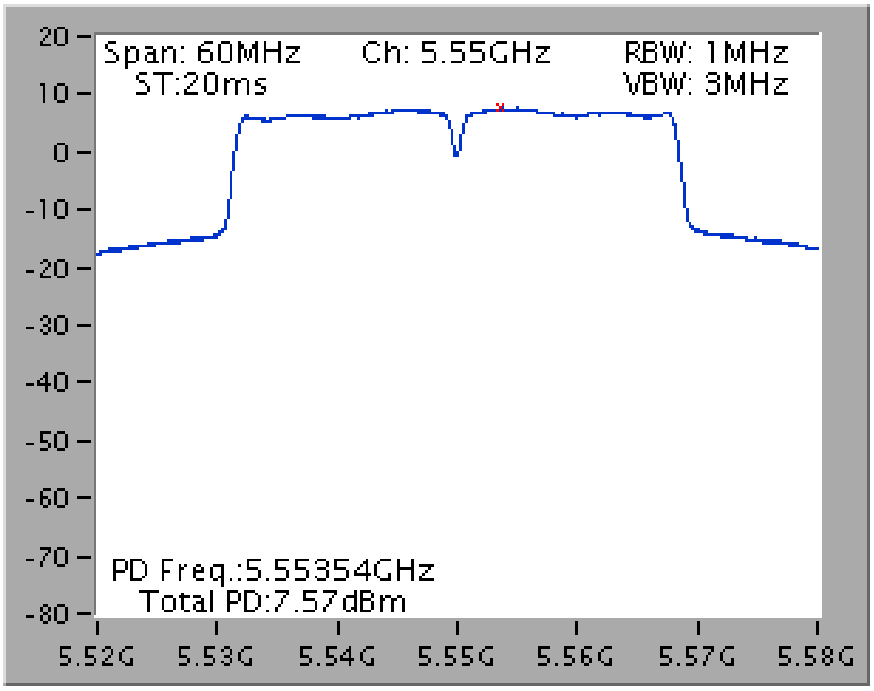
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5785 MHz



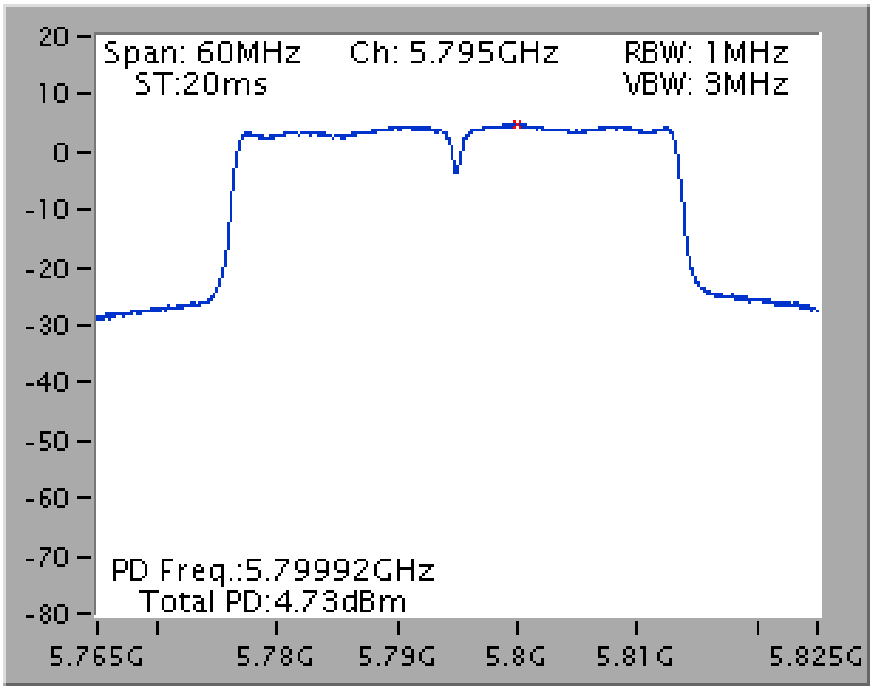
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5270 MHz



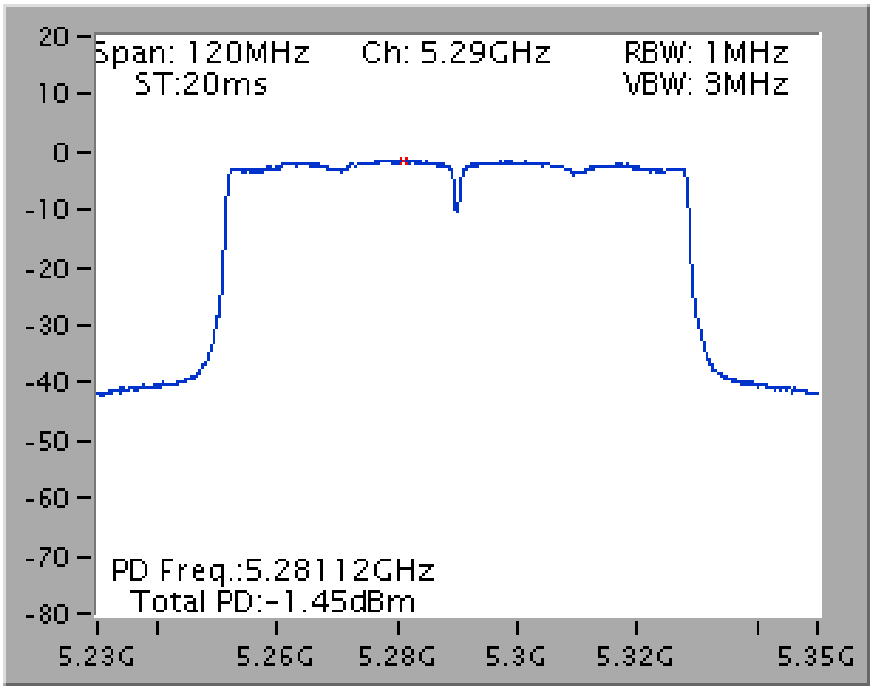
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5550 MHz



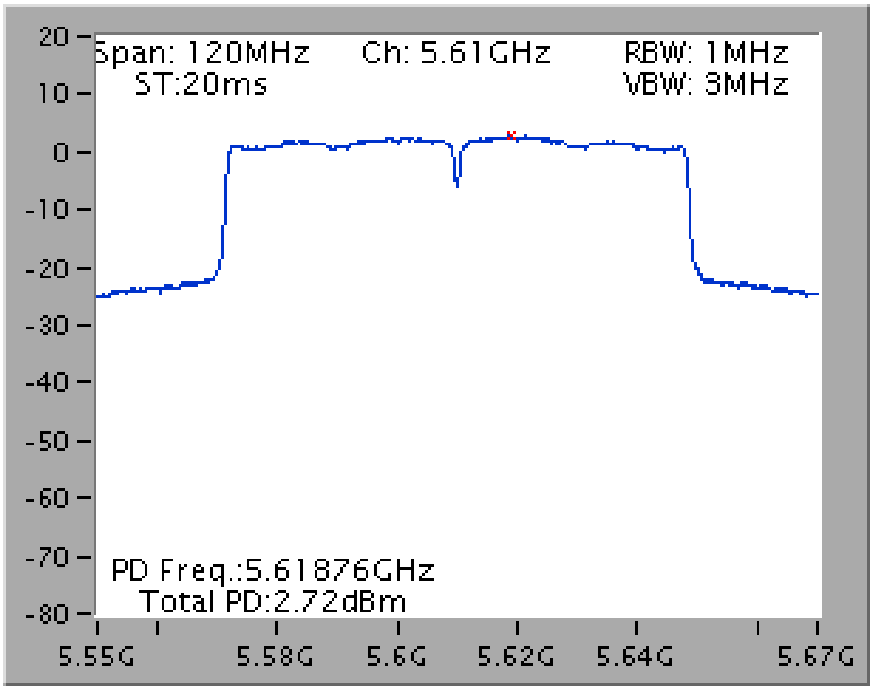
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5795 MHz



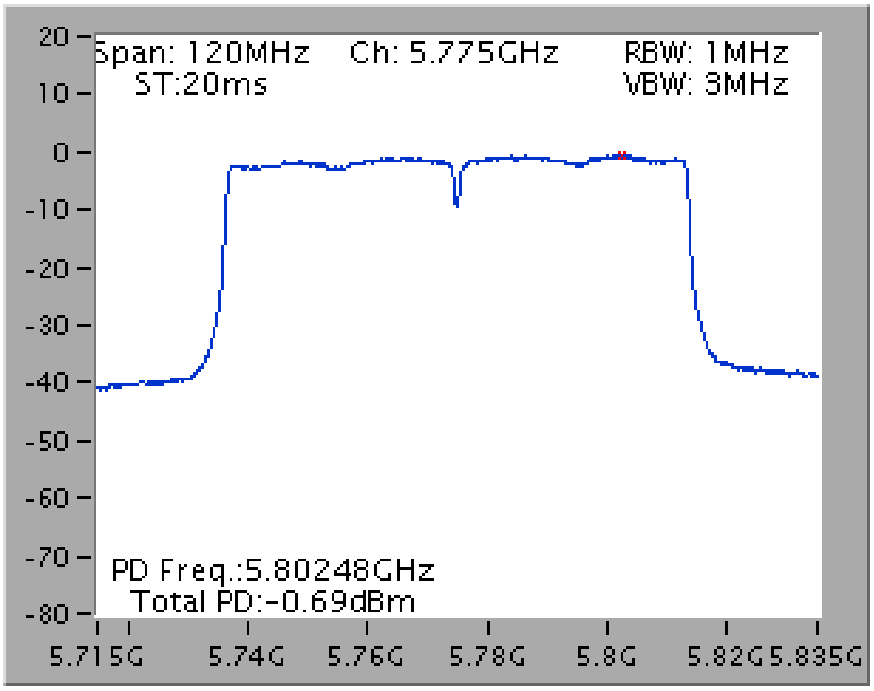
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5290 MHz



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5610 MHz

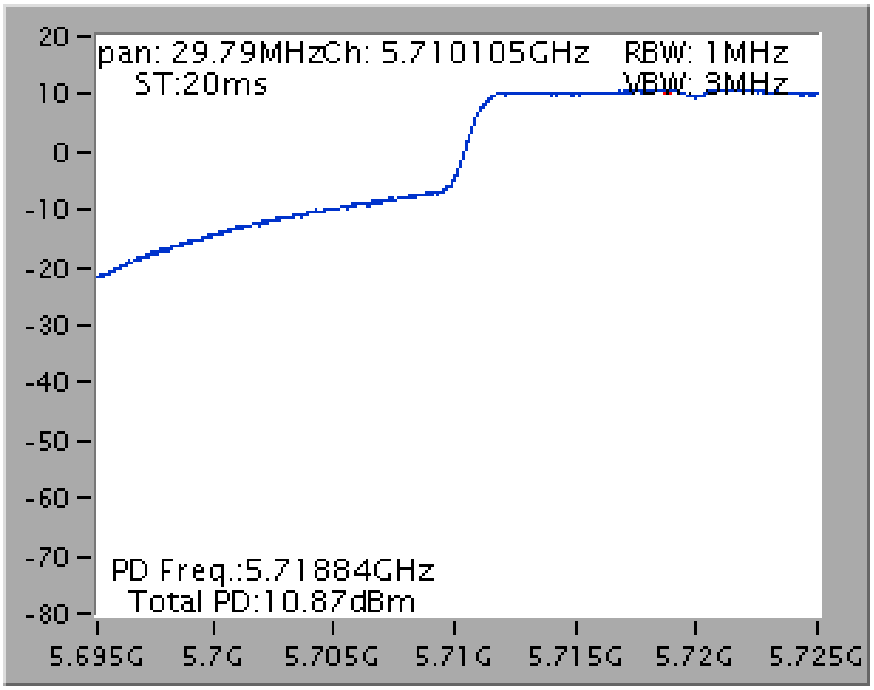


Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5775 MHz

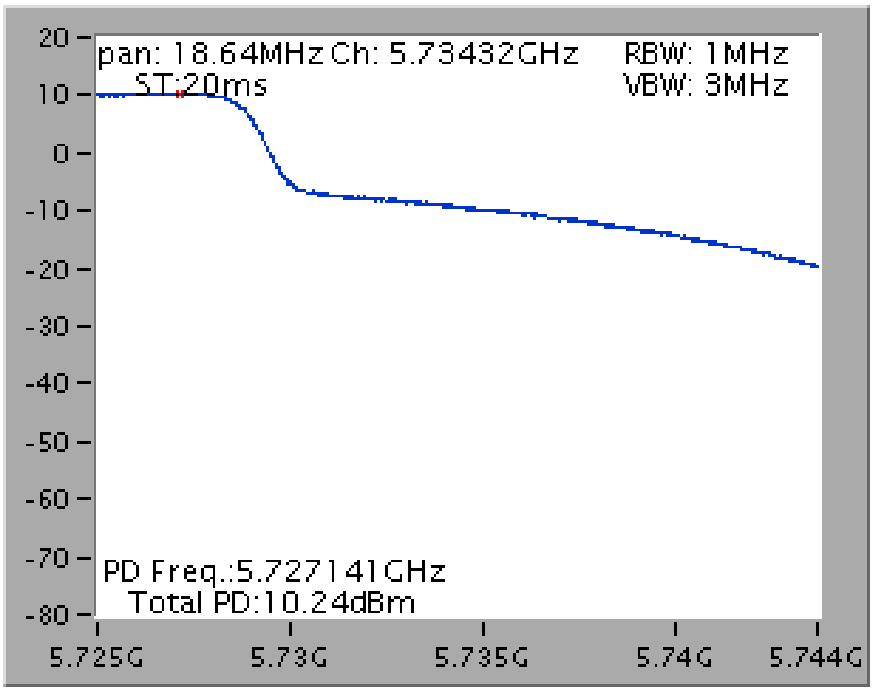


Straddle Channel

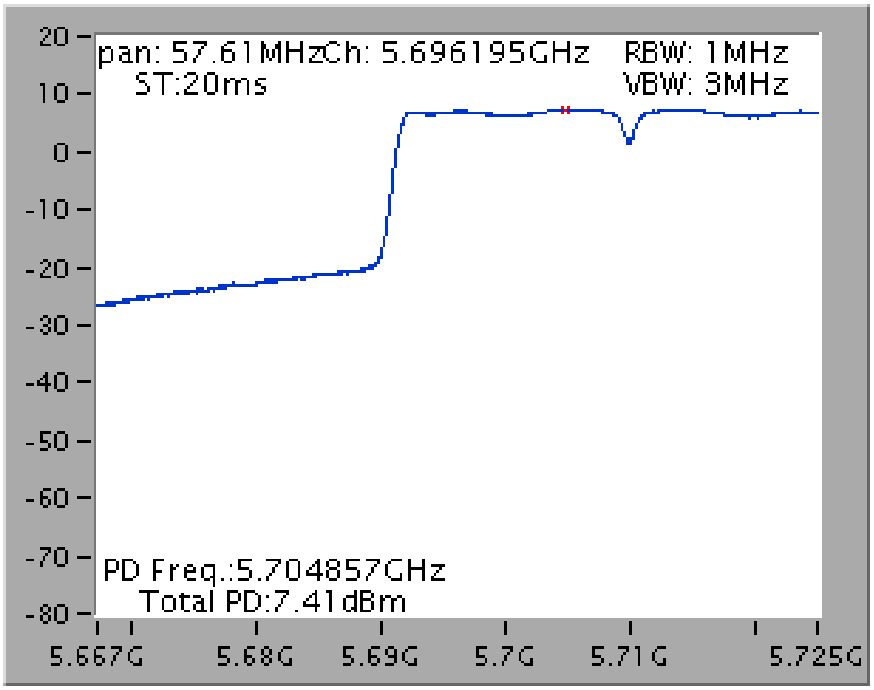
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 2C)



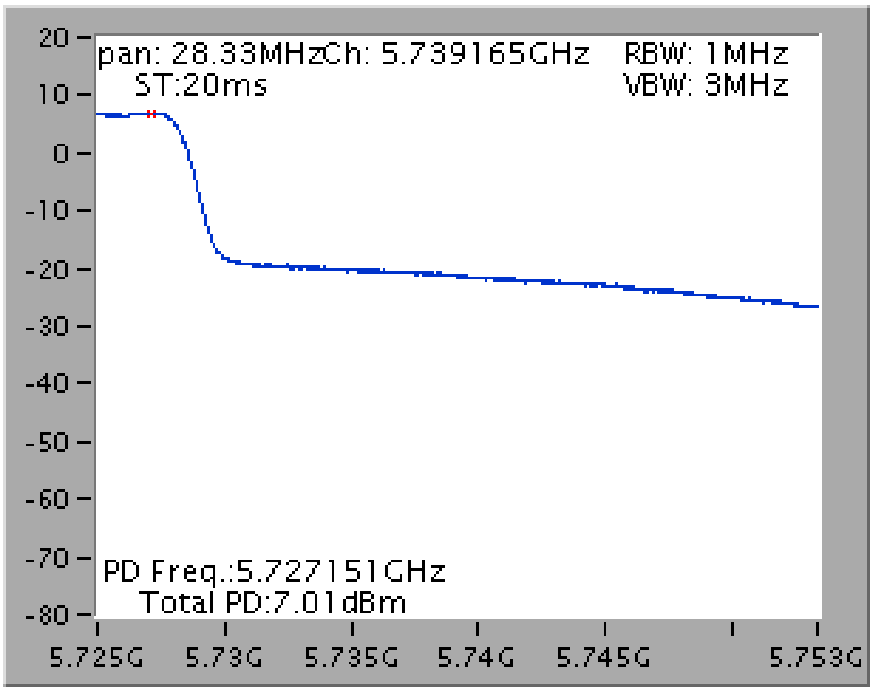
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Chain 1 + Chain 2 / 5720 MHz (UNII 3)



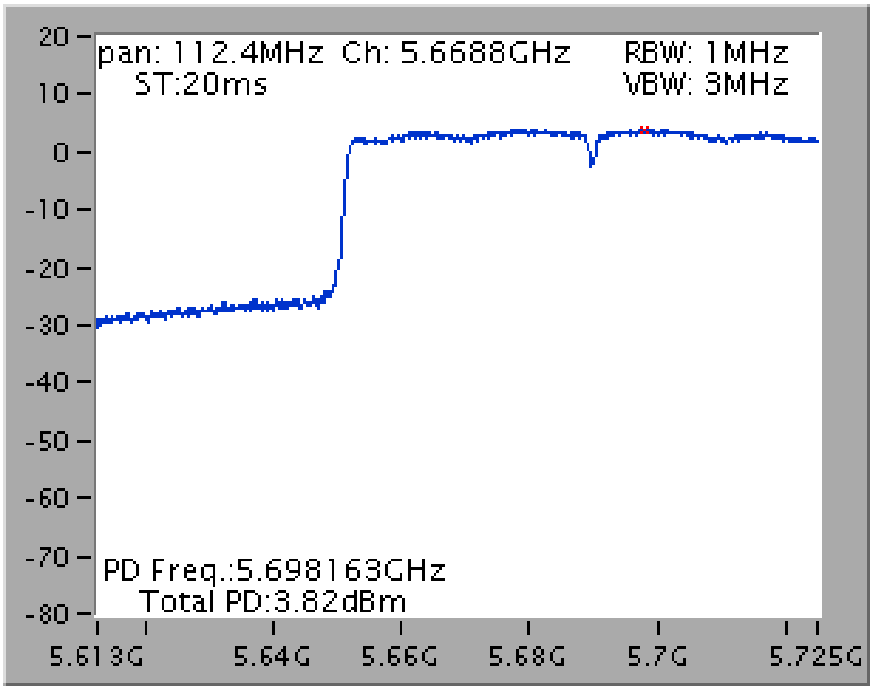
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 2C)



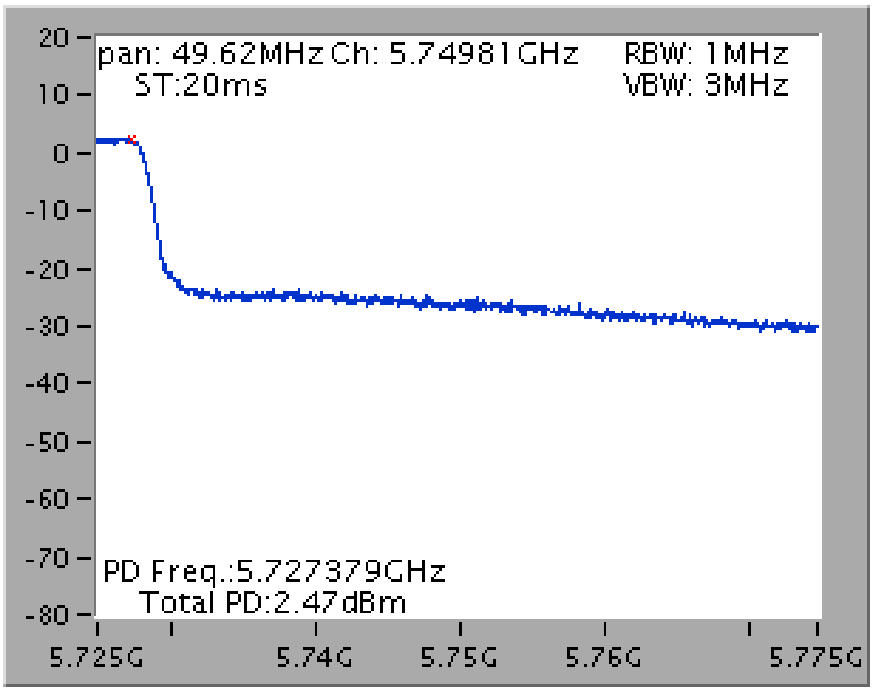
Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Chain 1 + Chain 2 / 5710 MHz (UNII 3)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 2C)



Power Density Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Chain 1 + Chain 2 / 5690 MHz (UNII 3)



4.6. Radiated Emissions Measurement

4.6.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.6.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1MHz / 3MHz for peak

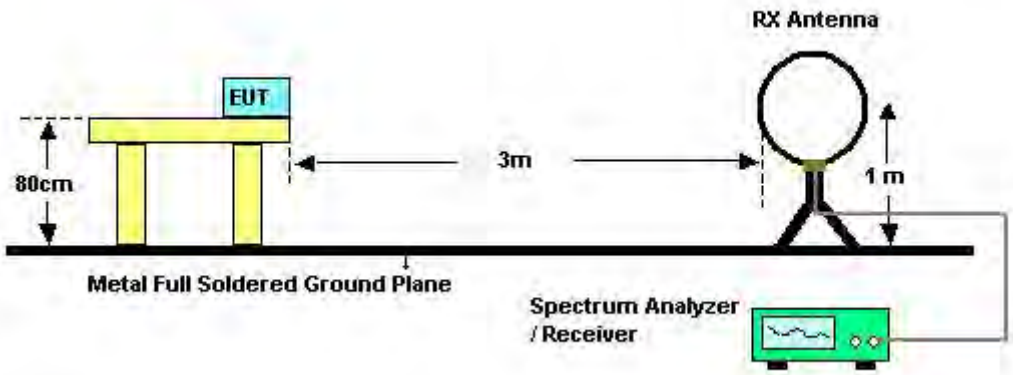
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RBW 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RBW 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RBW 120kHz for QP

4.6.3. Test Procedures

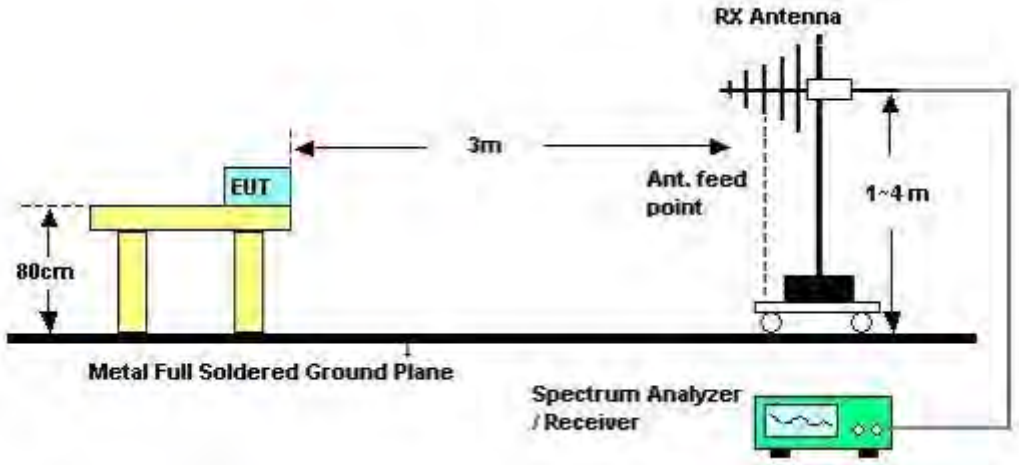
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 1m & 3m far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and 3MHz RBW for peak reading. Then 1MHz RBW and 1/T VBW for average reading in spectrum analyzer.
7. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
8. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
9. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.

4.6.4. Test Setup Layout

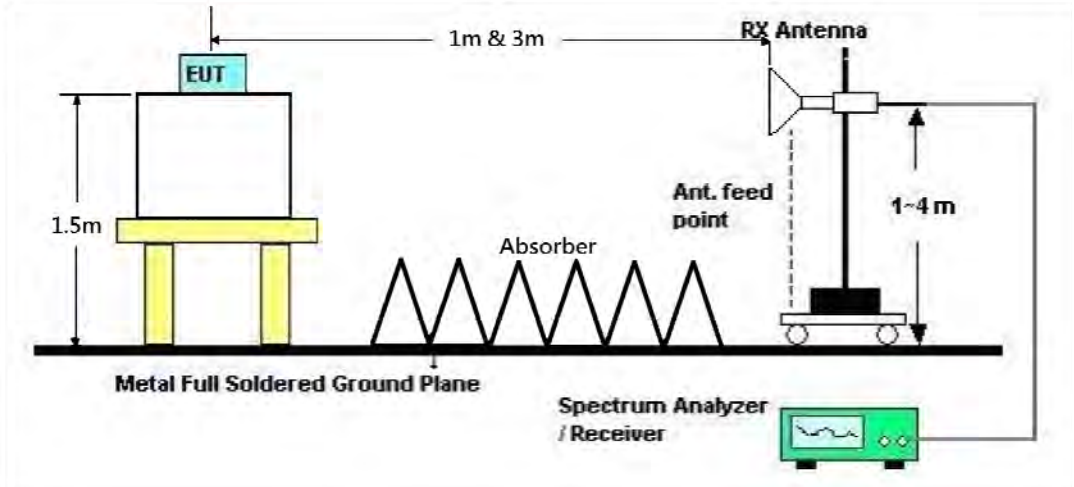
For Radiated Emissions: 9kHz ~30MHz



For Radiated Emissions: 30MHz~1GHz



For Radiated Emissions: Above 1GHz



4.6.5. Test Deviation

There is no deviation with the original standard.

4.6.6. EUT Operation during Test

For Non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For beamforming mode:

The EUT was programmed to be in beamforming transmitting mode.

For STBC mode:

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Results of Radiated Emissions (9kHz~30MHz)

Temperature	24°C	Humidity	57%
Test Engineer	Alvin Li	Configurations	Normal Link
Test Date	Jul. 13, 2015	Test Mode	Mode 2

Freq. (MHz)	Level (dBuV)	Over Limit (dB)	Limit Line (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

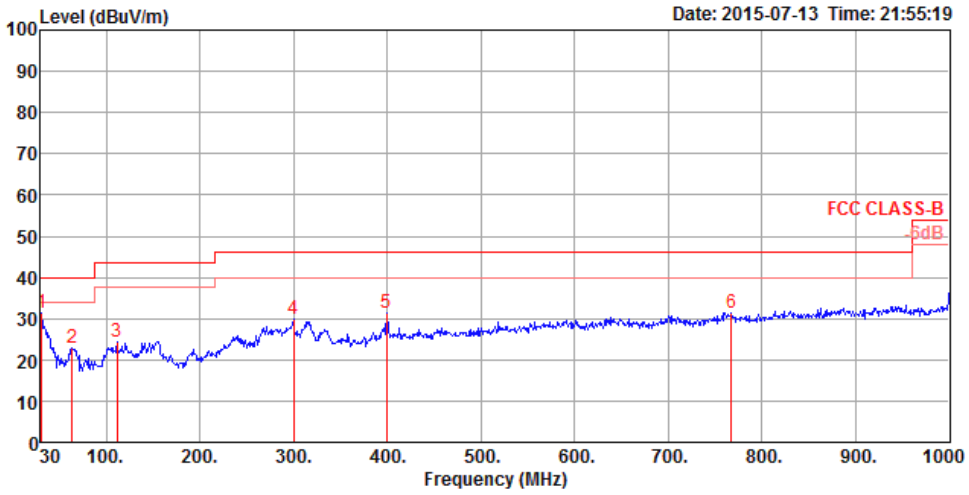
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

4.6.8. Results of Radiated Emissions (30MHz~1GHz)

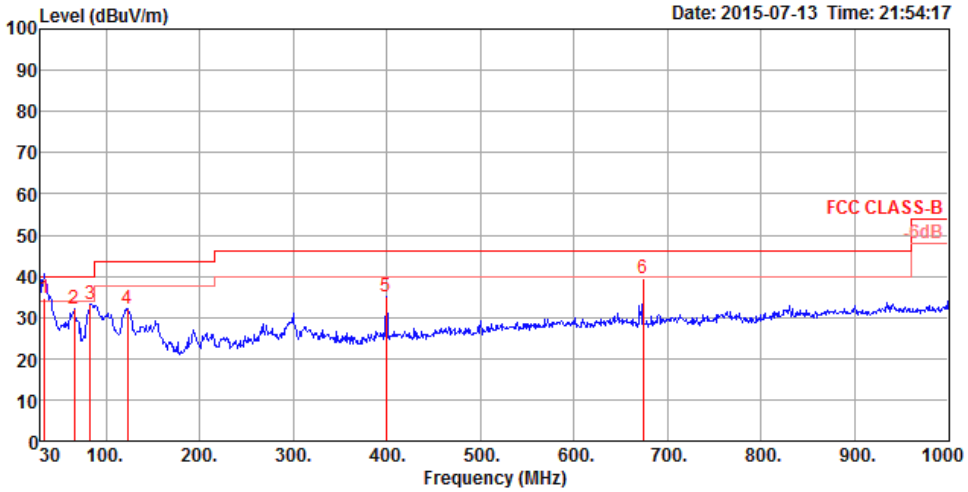
Temperature	24°C	Humidity	57%
Test Engineer	Alvin Li	Configurations	Normal Link
Test Mode	Mode 2		

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	30.97	31.19	40.00	-8.81	43.46	0.64	19.49	32.40	125	149	Peak	HORIZONTAL
2	63.95	22.88	40.00	-17.12	47.63	0.79	6.86	32.40	150	114	Peak	HORIZONTAL
3	111.48	24.35	43.50	-19.15	43.38	0.99	12.36	32.38	150	193	Peak	HORIZONTAL
4	299.66	29.97	46.00	-16.03	46.88	1.49	13.88	32.28	125	176	Peak	HORIZONTAL
5	399.57	31.41	46.00	-14.59	45.54	1.73	16.47	32.33	100	180	Peak	HORIZONTAL
6	767.20	31.48	46.00	-14.52	40.98	2.25	20.53	32.28	125	92	Peak	HORIZONTAL

Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	33.97	34.76	40.00	-5.24	48.81	0.64	17.71	32.40	100	248	QP	VERTICAL
2	65.89	32.28	40.00	-7.72	57.04	0.80	6.84	32.40	150	346	Peak	VERTICAL
3	83.35	33.17	40.00	-6.83	56.57	0.87	8.13	32.40	100	149	Peak	VERTICAL
4	123.12	32.23	43.50	-11.27	50.79	1.04	12.77	32.37	100	131	Peak	VERTICAL
5	399.57	34.96	46.00	-11.04	49.09	1.73	16.47	32.33	150	190	Peak	VERTICAL
6	674.08	39.36	46.00	-6.64	49.96	2.12	19.65	32.37	100	63	Peak	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

4.6.9. Results for Radiated Emissions (1GHz~40GHz)

<For Non-Beamforming Mode>

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15541.31	43.47	54.00	-10.53	32.37	7.56	38.16	34.62	78	155	Average	HORIZONTAL
2	15544.28	57.00	74.00	-17.00	45.87	7.56	38.19	34.62	78	155	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15540.56	56.71	74.00	-17.29	45.61	7.56	38.16	34.62	40	160	Peak	VERTICAL
2	15543.29	43.02	54.00	-10.98	31.92	7.56	38.16	34.62	40	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15594.39	63.87	74.00	-10.13	52.71	7.57	38.26	34.67	356	175	Peak	HORIZONTAL
2	15597.92	49.29	54.00	-4.71	38.09	7.58	38.29	34.67	356	175	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15596.19	65.22	74.00	-8.78	54.02	7.58	38.29	34.67	132	158	Peak	VERTICAL
2	15597.37	50.08	54.00	-3.92	38.88	7.58	38.29	34.67	132	158	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15719.52	44.89	54.00	-9.11	33.55	7.62	38.50	34.78	220	159	Average	HORIZONTAL
2	15721.28	59.09	74.00	-14.91	47.75	7.62	38.50	34.78	220	159	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15715.93	58.95	74.00	-15.05	47.61	7.62	38.50	34.78	225	163	Peak	VERTICAL
2	15717.56	45.77	54.00	-8.23	34.43	7.62	38.50	34.78	225	163	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15774.68	58.86	74.00	-15.14	47.44	7.64	38.60	34.82	125	153	Peak	HORIZONTAL
2	15777.98	45.20	54.00	-8.80	33.80	7.64	38.60	34.84	125	153	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15779.84	61.65	74.00	-12.35	50.25	7.64	38.60	34.84	124	149	Peak	VERTICAL
2	15780.42	48.83	54.00	-5.17	37.43	7.64	38.60	34.84	124	149	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10594.10	53.00	74.00	-21.00	42.97	6.20	38.78	34.95	132	172	Peak	HORIZONTAL
2	10602.98	39.93	54.00	-14.07	29.87	6.21	38.78	34.93	132	172	Average	HORIZONTAL
3	15901.51	44.24	54.00	-9.76	32.64	7.69	38.84	34.93	121	175	Average	HORIZONTAL
4	15905.45	56.87	74.00	-17.13	45.29	7.69	38.84	34.95	121	175	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10595.67	52.74	74.00	-21.26	42.71	6.20	38.78	34.95	171	154	Peak	VERTICAL
2	10604.81	39.88	54.00	-14.12	29.82	6.21	38.78	34.93	171	154	Average	VERTICAL
3	15896.57	57.54	74.00	-16.46	45.98	7.68	38.81	34.93	127	159	Peak	VERTICAL
4	15900.77	44.81	54.00	-9.19	33.21	7.69	38.84	34.93	127	159	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10639.26	52.95	74.00	-21.05	42.86	6.23	38.77	34.91	222	160	Peak	HORIZONTAL
2	10647.18	39.55	54.00	-14.45	29.46	6.23	38.77	34.91	222	160	Average	HORIZONTAL
3	15951.67	42.38	54.00	-11.62	30.72	7.70	38.94	34.98	246	152	Average	HORIZONTAL
4	15957.88	55.49	74.00	-18.51	43.85	7.70	38.94	35.00	246	152	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10633.49	52.57	74.00	-21.43	42.48	6.23	38.77	34.91	45	156	Peak	VERTICAL
2	10639.33	39.60	54.00	-14.40	29.51	6.23	38.77	34.91	45	156	Average	VERTICAL
3	15953.53	42.56	54.00	-11.44	30.90	7.70	38.94	34.98	260	152	Average	VERTICAL
4	15963.72	55.59	74.00	-18.41	43.95	7.70	38.94	35.00	260	152	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10990.96	39.95	54.00	-14.05	29.51	6.40	38.70	34.66	323	165	Average	HORIZONTAL
2	11006.54	52.52	74.00	-21.48	42.08	6.40	38.70	34.66	323	165	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10995.13	39.62	54.00	-14.38	29.18	6.40	38.70	34.66	337	145	Average	VERTICAL
2	10997.44	54.11	74.00	-19.89	43.67	6.40	38.70	34.66	337	145	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11158.94	39.37	54.00	-14.63	28.88	6.44	38.70	34.65	89	162	Average	HORIZONTAL
2	11162.02	51.94	74.00	-22.06	41.45	6.44	38.70	34.65	89	162	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11154.13	52.45	74.00	-21.55	41.96	6.44	38.70	34.65	65	166	Peak	VERTICAL
2	11160.29	39.61	54.00	-14.39	29.12	6.44	38.70	34.65	65	166	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11396.70	53.42	74.00	-20.58	42.84	6.51	38.70	34.63	288	164	Peak	HORIZONTAL
2	11401.83	40.19	54.00	-13.81	29.61	6.51	38.70	34.63	288	164	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11398.53	53.87	74.00	-20.13	43.29	6.51	38.70	34.63	312	154	Peak	VERTICAL
2	11409.74	40.11	54.00	-13.89	29.53	6.51	38.70	34.63	312	154	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11480.58	52.62	74.00	-21.38	42.01	6.53	38.70	34.62	298	145	Peak	HORIZONTAL
2	11487.63	39.75	54.00	-14.25	29.14	6.53	38.70	34.62	298	145	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11481.25	40.11	54.00	-13.89	29.50	6.53	38.70	34.62	280	152	Average	VERTICAL
2	11496.31	53.03	74.00	-20.97	42.42	6.53	38.70	34.62	280	152	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11481.51	39.82	54.00	-14.18	29.21	6.53	38.70	34.62	289	145	Average	HORIZONTAL
2	11486.41	53.15	74.00	-20.85	42.54	6.53	38.70	34.62	289	145	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11481.70	39.81	54.00	-14.19	29.20	6.53	38.70	34.62	323	158	Average	VERTICAL
2	11481.86	52.69	74.00	-21.31	42.08	6.53	38.70	34.62	323	158	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11646.54	39.91	54.00	-14.09	29.30	6.56	38.73	34.68	239	186	Average	HORIZONTAL
2	11654.46	52.99	74.00	-21.01	42.38	6.56	38.73	34.68	239	186	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11643.43	39.72	54.00	-14.28	29.10	6.56	38.73	34.67	277	171	Average	VERTICAL
2	11644.68	52.86	74.00	-21.14	42.24	6.56	38.73	34.67	277	171	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15564.90	40.97	54.00	-13.03	29.82	7.57	38.22	34.64	253	157	Average	HORIZONTAL
2	15568.08	54.07	74.00	-19.93	42.92	7.57	38.22	34.64	253	157	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15564.90	41.16	54.00	-12.84	30.01	7.57	38.22	34.64	300	173	Average	VERTICAL
2	15575.99	53.84	74.00	-20.16	42.72	7.57	38.22	34.67	300	173	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15680.74	54.39	74.00	-19.61	43.09	7.61	38.44	34.75	99	171	Peak	HORIZONTAL
2	15696.19	41.88	54.00	-12.12	30.58	7.61	38.44	34.75	99	171	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15686.19	55.22	74.00	-18.78	43.92	7.61	38.44	34.75	117	175	Peak	VERTICAL
2	15692.05	42.82	54.00	-11.18	31.52	7.61	38.44	34.75	117	175	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15802.56	42.31	54.00	-11.69	30.84	7.65	38.66	34.84	178	178	Average	HORIZONTAL
2	15817.85	54.80	74.00	-19.20	43.32	7.66	38.69	34.87	178	178	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15804.01	43.56	54.00	-10.44	32.12	7.65	38.66	34.87	140	184	Average	VERTICAL
2	15804.23	56.43	74.00	-17.57	44.99	7.65	38.66	34.87	140	184	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10614.39	52.52	74.00	-21.48	42.45	6.22	38.78	34.93	102	197	Peak	HORIZONTAL
2	10620.10	39.28	54.00	-14.72	29.21	6.22	38.78	34.93	102	197	Average	HORIZONTAL
3	15936.31	41.71	54.00	-12.29	30.08	7.70	38.91	34.98	61	156	Average	HORIZONTAL
4	15938.75	54.80	74.00	-19.20	43.17	7.70	38.91	34.98	61	156	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10611.89	39.20	54.00	-14.80	29.14	6.21	38.78	34.93	37	154	Average	VERTICAL
2	10619.87	52.67	74.00	-21.33	42.60	6.22	38.78	34.93	37	154	Peak	VERTICAL
3	15936.92	41.95	54.00	-12.05	30.32	7.70	38.91	34.98	81	159	Average	VERTICAL
4	15937.63	54.87	74.00	-19.13	43.24	7.70	38.91	34.98	81	159	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11010.26	39.33	54.00	-14.67	28.89	6.40	38.70	34.66	299	169	Average	HORIZONTAL
2	11014.81	52.98	74.00	-21.02	42.54	6.40	38.70	34.66	299	169	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11026.09	52.29	74.00	-21.71	41.84	6.41	38.70	34.66	332	187	Peak	VERTICAL
2	11026.35	39.36	54.00	-14.64	28.91	6.41	38.70	34.66	332	187	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11092.66	51.83	74.00	-22.17	41.35	6.43	38.70	34.65	289	150	Peak	HORIZONTAL
2	11097.66	39.42	54.00	-14.58	28.94	6.43	38.70	34.65	289	150	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11102.34	52.89	74.00	-21.11	42.41	6.43	38.70	34.65	311	171	Peak	VERTICAL
2	11103.40	39.28	54.00	-14.72	28.80	6.43	38.70	34.65	311	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11334.87	52.66	74.00	-21.34	42.10	6.49	38.70	34.63	235	137	Peak	HORIZONTAL
2	11339.20	39.67	54.00	-14.33	29.11	6.49	38.70	34.63	235	137	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11338.72	40.05	54.00	-13.95	29.49	6.49	38.70	34.63	245	141	Average	VERTICAL
2	11343.11	52.28	74.00	-21.72	41.72	6.49	38.70	34.63	245	141	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11502.56	52.82	74.00	-21.18	42.20	6.54	38.70	34.62	107	157	Peak	HORIZONTAL
2	11519.39	39.44	54.00	-14.56	28.83	6.54	38.70	34.63	107	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11500.16	52.31	74.00	-21.69	41.69	6.54	38.70	34.62	63	165	Peak	VERTICAL
2	11518.46	39.49	54.00	-14.51	28.87	6.54	38.70	34.62	63	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11590.48	53.07	74.00	-20.93	42.45	6.55	38.72	34.65	259	156	Peak	HORIZONTAL
2	11592.37	39.21	54.00	-14.79	28.59	6.55	38.72	34.65	259	156	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11582.88	52.41	74.00	-21.59	41.79	6.55	38.72	34.65	278	140	Peak	VERTICAL
2	11598.01	39.37	54.00	-14.63	28.76	6.55	38.72	34.66	278	140	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15628.81	53.60	74.00	-20.40	42.37	7.59	38.35	34.71	296	137	Peak	HORIZONTAL
2	15639.84	41.06	54.00	-12.94	29.83	7.59	38.35	34.71	296	137	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15635.19	53.88	74.00	-20.12	42.65	7.59	38.35	34.71	321	158	Peak	VERTICAL
2	15639.71	41.01	54.00	-12.99	29.78	7.59	38.35	34.71	321	158	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15868.85	41.54	54.00	-12.46	30.00	7.67	38.78	34.91	314	162	Average	HORIZONTAL
2	15870.16	55.29	74.00	-18.71	43.75	7.67	38.78	34.91	314	162	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15869.97	41.61	54.00	-12.39	30.07	7.67	38.78	34.91	320	161	Average	VERTICAL
2	15870.26	55.02	74.00	-18.98	43.48	7.67	38.78	34.91	320	161	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11052.53	39.45	54.00	-14.55	29.00	6.41	38.70	34.66	328	144	Average	HORIZONTAL
2	11054.58	51.93	74.00	-22.07	41.48	6.41	38.70	34.66	328	144	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11060.58	39.32	54.00	-14.68	28.85	6.42	38.70	34.65	350	149	Average	VERTICAL
2	11063.72	52.37	74.00	-21.63	41.90	6.42	38.70	34.65	350	149	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11212.98	38.87	54.00	-15.13	28.35	6.46	38.70	34.64	302	153	Average	HORIZONTAL
2	11216.57	52.06	74.00	-21.94	41.54	6.46	38.70	34.64	302	153	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11210.35	39.05	54.00	-14.95	28.53	6.46	38.70	34.64	311	149	Average	VERTICAL
2	11221.41	51.57	74.00	-22.43	41.05	6.46	38.70	34.64	311	149	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11541.47	52.83	74.00	-21.17	42.21	6.54	38.71	34.63	115	173	Peak	HORIZONTAL
2	11551.96	39.43	54.00	-14.57	28.81	6.55	38.71	34.64	115	173	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11547.82	39.49	54.00	-14.51	28.88	6.54	38.71	34.64	89	168	Average	VERTICAL
2	11554.55	52.17	74.00	-21.83	41.55	6.55	38.71	34.64	89	168	Peak	VERTICAL

Straddle Channel

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 2
Test Date	Jul. 15, 2015 ~ Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11435.42	47.51	54.00	-6.49	36.92	6.52	38.70	34.63	306	150	Average	HORIZONTAL
2	11437.69	61.88	74.00	-12.12	51.29	6.52	38.70	34.63	306	150	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11438.81	60.94	74.00	-13.06	50.35	6.52	38.70	34.63	157	205	Peak	VERTICAL
2	11441.22	48.29	54.00	-5.71	37.70	6.52	38.70	34.63	157	205	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11410.93	39.94	54.00	-14.06	29.36	6.51	38.70	34.63	148	160	Average	HORIZONTAL
2	11420.93	53.22	74.00	-20.78	42.64	6.51	38.70	34.63	148	160	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11411.73	54.67	74.00	-19.33	44.09	6.51	38.70	34.63	105	171	Peak	VERTICAL
2	11419.17	42.54	54.00	-11.46	31.96	6.51	38.70	34.63	105	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 2
Test Date	Jul. 16, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11379.29	52.35	74.00	-21.65	41.77	6.51	38.70	34.63	56	152	Peak	HORIZONTAL
2	11387.47	39.64	54.00	-14.36	29.06	6.51	38.70	34.63	56	152	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11382.98	52.99	74.00	-21.01	42.41	6.51	38.70	34.63	38	149	Peak	VERTICAL
2	11383.17	39.65	54.00	-14.35	29.07	6.51	38.70	34.63	38	149	Average	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2
Test Date	Jul. 14, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15540.38	54.51	74.00	-19.49	43.41	7.56	38.16	34.62	354	146	Peak	HORIZONTAL
2	15541.89	41.17	54.00	-12.83	30.07	7.56	38.16	34.62	354	146	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15535.93	41.36	54.00	-12.64	30.26	7.56	38.16	34.62	293	168	Average	VERTICAL
2	15540.63	54.50	74.00	-19.50	43.40	7.56	38.16	34.62	293	168	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2
Test Date	Jul. 14, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15598.43	49.31	54.00	-4.69	38.11	7.58	38.29	34.67	332	170	Average	HORIZONTAL
2	15603.40	63.37	74.00	-10.63	52.19	7.58	38.29	34.69	332	170	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15598.14	62.91	74.00	-11.09	51.71	7.58	38.29	34.67	118	155	Peak	VERTICAL
2	15600.74	49.50	54.00	-4.50	38.32	7.58	38.29	34.69	118	155	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15717.72	55.69	74.00	-18.31	44.35	7.62	38.50	34.78	115	152	Peak	HORIZONTAL
2	15721.25	42.82	54.00	-11.18	31.48	7.62	38.50	34.78	115	152	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15718.59	44.22	54.00	-9.78	32.88	7.62	38.50	34.78	119	158	Average	VERTICAL
2	15720.58	58.63	74.00	-15.37	47.29	7.62	38.50	34.78	119	158	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15777.24	62.30	74.00	-11.70	50.88	7.64	38.60	34.82	116	173	Peak	HORIZONTAL
2	15777.69	49.59	54.00	-4.41	38.19	7.64	38.60	34.84	116	173	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15777.76	62.79	74.00	-11.21	51.39	7.64	38.60	34.84	121	180	Peak	VERTICAL
2	15777.98	49.65	54.00	-4.35	38.25	7.64	38.60	34.84	121	180	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10593.88	52.84	74.00	-21.16	42.81	6.20	38.78	34.95	152	166	Peak	HORIZONTAL
2	10595.64	39.70	54.00	-14.30	29.67	6.20	38.78	34.95	152	166	Average	HORIZONTAL
3	15897.15	57.66	74.00	-16.34	46.10	7.68	38.81	34.93	112	136	Peak	HORIZONTAL
4	15899.78	44.25	54.00	-9.75	32.69	7.68	38.81	34.93	112	136	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10592.31	52.98	74.00	-21.02	42.95	6.20	38.78	34.95	346	150	Peak	VERTICAL
2	10601.79	40.19	54.00	-13.81	30.13	6.21	38.78	34.93	346	150	Average	VERTICAL
3	15900.38	45.89	54.00	-8.11	34.33	7.68	38.81	34.93	121	151	Average	VERTICAL
4	15904.26	60.21	74.00	-13.79	48.61	7.69	38.84	34.93	121	151	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10636.76	53.37	74.00	-20.63	43.28	6.23	38.77	34.91	323	212	Peak	HORIZONTAL
2	10644.46	39.98	54.00	-14.02	29.89	6.23	38.77	34.91	323	212	Average	HORIZONTAL
3	15956.67	55.87	74.00	-18.13	44.23	7.70	38.94	35.00	320	157	Peak	HORIZONTAL
4	15960.45	42.53	54.00	-11.47	30.89	7.70	38.94	35.00	320	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10642.85	39.68	54.00	-14.32	29.59	6.23	38.77	34.91	257	159	Average	VERTICAL
2	10645.58	52.24	74.00	-21.76	42.15	6.23	38.77	34.91	257	159	Peak	VERTICAL
3	15952.05	55.91	74.00	-18.09	44.25	7.70	38.94	34.98	213	165	Peak	VERTICAL
4	15962.05	42.93	54.00	-11.07	31.29	7.70	38.94	35.00	213	165	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10992.82	39.73	54.00	-14.27	29.29	6.40	38.70	34.66	241	166	Average	HORIZONTAL
2	11000.00	53.31	74.00	-20.69	42.87	6.40	38.70	34.66	241	166	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10991.15	39.96	54.00	-14.04	29.52	6.40	38.70	34.66	257	186	Average	VERTICAL
2	10992.21	53.00	74.00	-21.00	42.56	6.40	38.70	34.66	257	186	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11159.87	42.22	54.00	-11.78	31.73	6.44	38.70	34.65	233	144	Average	HORIZONTAL
2	11162.05	54.46	74.00	-19.54	43.97	6.44	38.70	34.65	233	144	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11161.92	42.89	54.00	-11.11	32.40	6.44	38.70	34.65	246	151	Average	VERTICAL
2	11162.18	55.65	74.00	-18.35	45.16	6.44	38.70	34.65	246	151	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11397.34	53.86	74.00	-20.14	43.28	6.51	38.70	34.63	75	185	Peak	HORIZONTAL
2	11400.32	40.66	54.00	-13.34	30.08	6.51	38.70	34.63	75	185	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11401.92	40.62	54.00	-13.38	30.04	6.51	38.70	34.63	44	155	Average	VERTICAL
2	11405.19	52.94	74.00	-21.06	42.36	6.51	38.70	34.63	44	155	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11488.43	54.23	74.00	-19.77	43.62	6.53	38.70	34.62	301	161	Peak	HORIZONTAL
2	11495.61	40.48	54.00	-13.52	29.87	6.53	38.70	34.62	301	161	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11482.47	40.20	54.00	-13.80	29.59	6.53	38.70	34.62	292	155	Average	VERTICAL
2	11494.13	53.07	74.00	-20.93	42.46	6.53	38.70	34.62	292	155	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11483.46	40.02	54.00	-13.98	29.41	6.53	38.70	34.62	142	161	Average	HORIZONTAL
2	11496.03	53.14	74.00	-20.86	42.53	6.53	38.70	34.62	142	161	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11483.46	40.13	54.00	-13.87	29.52	6.53	38.70	34.62	131	158	Average	VERTICAL
2	11487.98	52.80	74.00	-21.20	42.19	6.53	38.70	34.62	131	158	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11646.38	52.42	74.00	-21.58	41.81	6.56	38.73	34.68	200	143	Peak	HORIZONTAL
2	11649.20	39.96	54.00	-14.04	29.35	6.56	38.73	34.68	200	143	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11644.26	39.80	54.00	-14.20	29.18	6.56	38.73	34.67	214	152	Average	VERTICAL
2	11647.02	54.38	74.00	-19.62	43.77	6.56	38.73	34.68	214	152	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15574.26	41.24	54.00	-12.76	30.12	7.57	38.22	34.67	91	170	Average	HORIZONTAL
2	15575.13	54.69	74.00	-19.31	43.57	7.57	38.22	34.67	91	170	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15565.48	41.39	54.00	-12.61	30.24	7.57	38.22	34.64	47	157	Average	VERTICAL
2	15576.67	54.60	74.00	-19.40	43.48	7.57	38.22	34.67	47	157	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15690.03	42.71	54.00	-11.29	31.41	7.61	38.44	34.75	78	156	Average	HORIZONTAL
2	15695.87	54.87	74.00	-19.13	43.57	7.61	38.44	34.75	78	156	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15690.74	58.42	74.00	-15.58	47.12	7.61	38.44	34.75	117	185	Peak	VERTICAL
2	15690.83	43.92	54.00	-10.08	32.62	7.61	38.44	34.75	117	185	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15800.83	54.42	74.00	-19.58	42.95	7.65	38.66	34.84	280	157	Peak	HORIZONTAL
2	15804.52	41.70	54.00	-12.30	30.26	7.65	38.66	34.87	280	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15805.58	54.55	74.00	-19.45	43.11	7.65	38.66	34.87	311	153	Peak	VERTICAL
2	15805.64	42.68	54.00	-11.32	31.24	7.65	38.66	34.87	311	153	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10622.82	39.21	54.00	-14.79	29.14	6.22	38.78	34.93	204	158	Average	HORIZONTAL
2	10624.97	52.96	74.00	-21.04	42.89	6.22	38.78	34.93	204	158	Peak	HORIZONTAL
3	15930.67	55.82	74.00	-18.18	44.23	7.69	38.88	34.98	196	154	Peak	HORIZONTAL
4	15932.24	42.12	54.00	-11.88	30.53	7.69	38.88	34.98	196	154	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10610.61	52.20	74.00	-21.80	42.14	6.21	38.78	34.93	245	144	Peak	VERTICAL
2	10619.84	39.51	54.00	-14.49	29.44	6.22	38.78	34.93	245	144	Average	VERTICAL
3	15921.92	42.32	54.00	-11.68	30.70	7.69	38.88	34.95	210	140	Average	VERTICAL
4	15924.78	55.47	74.00	-18.53	43.85	7.69	38.88	34.95	210	140	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11015.32	54.11	74.00	-19.89	43.67	6.40	38.70	34.66	236	155	Peak	HORIZONTAL
2	11019.78	39.91	54.00	-14.09	29.47	6.40	38.70	34.66	236	155	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11015.99	51.99	74.00	-22.01	41.55	6.40	38.70	34.66	252	144	Peak	VERTICAL
2	11017.56	39.55	54.00	-14.45	29.11	6.40	38.70	34.66	252	144	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11098.27	39.42	54.00	-14.58	28.94	6.43	38.70	34.65	51	146	Average	HORIZONTAL
2	11105.38	52.87	74.00	-21.13	42.39	6.43	38.70	34.65	51	146	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11090.29	52.04	74.00	-21.96	41.56	6.43	38.70	34.65	44	153	Peak	VERTICAL
2	11098.40	39.52	54.00	-14.48	29.04	6.43	38.70	34.65	44	153	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11335.19	39.58	54.00	-14.42	29.02	6.49	38.70	34.63	142	146	Average	HORIZONTAL
2	11335.74	52.69	74.00	-21.31	42.13	6.49	38.70	34.63	142	146	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11341.38	39.80	54.00	-14.20	29.24	6.49	38.70	34.63	160	163	Average	VERTICAL
2	11346.79	53.15	74.00	-20.85	42.58	6.50	38.70	34.63	160	163	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11500.48	39.83	54.00	-14.17	29.21	6.54	38.70	34.62	133	142	Average	HORIZONTAL
2	11516.51	52.81	74.00	-21.19	42.19	6.54	38.70	34.62	133	142	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11510.71	52.41	74.00	-21.59	41.79	6.54	38.70	34.62	147	169	Peak	VERTICAL
2	11518.46	39.89	54.00	-14.11	29.27	6.54	38.70	34.62	147	169	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11580.67	53.04	74.00	-20.96	42.43	6.55	38.71	34.65	158	157	Peak	HORIZONTAL
2	11582.72	39.26	54.00	-14.74	28.64	6.55	38.72	34.65	158	157	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11591.63	52.42	74.00	-21.58	41.80	6.55	38.72	34.65	166	166	Peak	VERTICAL
2	11591.99	39.60	54.00	-14.40	28.98	6.55	38.72	34.65	166	166	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15632.15	41.14	54.00	-12.86	29.91	7.59	38.35	34.71	151	151	Average	HORIZONTAL
2	15633.04	54.41	74.00	-19.59	43.18	7.59	38.35	34.71	151	151	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15623.59	41.34	54.00	-12.66	30.12	7.59	38.32	34.69	145	124	Average	VERTICAL
2	15639.20	54.63	74.00	-19.37	43.40	7.59	38.35	34.71	145	124	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15860.93	41.83	54.00	-12.17	30.32	7.67	38.75	34.91	174	146	Average	HORIZONTAL
2	15867.34	55.12	74.00	-18.88	43.58	7.67	38.78	34.91	174	146	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15869.10	54.84	74.00	-19.16	43.30	7.67	38.78	34.91	164	144	Peak	VERTICAL
2	15874.36	42.08	54.00	-11.92	30.54	7.67	38.78	34.91	164	144	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11050.35	52.88	74.00	-21.12	42.43	6.41	38.70	34.66	299	151	Peak	HORIZONTAL
2	11062.15	39.44	54.00	-14.56	28.97	6.42	38.70	34.65	299	151	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11050.54	39.55	54.00	-14.45	29.10	6.41	38.70	34.66	332	157	Average	VERTICAL
2	11069.62	52.16	74.00	-21.84	41.69	6.42	38.70	34.65	332	157	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11215.61	39.21	54.00	-14.79	28.69	6.46	38.70	34.64	266	175	Average	HORIZONTAL
2	11228.65	52.11	74.00	-21.89	41.59	6.46	38.70	34.64	266	175	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11214.39	39.34	54.00	-14.66	28.82	6.46	38.70	34.64	287	192	Average	VERTICAL
2	11224.81	52.75	74.00	-21.25	42.23	6.46	38.70	34.64	287	192	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	12129.01	40.40	54.00	-13.60	29.60	6.64	38.91	34.75	39	145	Average	HORIZONTAL
2	12133.04	52.96	74.00	-21.04	42.15	6.64	38.91	34.74	39	145	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	12117.82	52.86	74.00	-21.14	42.07	6.64	38.90	34.75	10	133	Peak	VERTICAL
2	12133.33	40.37	54.00	-13.63	29.56	6.64	38.91	34.74	10	133	Average	VERTICAL

Straddle Channel

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11435.06	66.93	74.00	-7.07	56.34	6.52	38.70	34.63	311	149	Peak	HORIZONTAL
2	11437.47	52.05	54.00	-1.95	41.46	6.52	38.70	34.63	311	149	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11437.24	50.58	54.00	-3.42	39.99	6.52	38.70	34.63	178	150	Average	VERTICAL
2	11439.74	63.85	74.00	-10.15	53.26	6.52	38.70	34.63	178	150	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11424.68	44.83	54.00	-9.17	34.25	6.51	38.70	34.63	186	153	Average	HORIZONTAL
2	11428.81	57.88	74.00	-16.12	47.30	6.51	38.70	34.63	186	153	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11419.65	45.80	54.00	-8.20	35.22	6.51	38.70	34.63	247	152	Average	VERTICAL
2	11419.78	58.51	74.00	-15.49	47.93	6.51	38.70	34.63	247	152	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2
Test Date	Jul. 15, 2015		
Test Mode	Mode 1 (Ant. 6 Dipole antenna / 6.4dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11382.79	52.72	74.00	-21.28	42.14	6.51	38.70	34.63	89	153	Peak	HORIZONTAL
2	11389.97	39.95	54.00	-14.05	29.37	6.51	38.70	34.63	89	153	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11374.97	40.21	54.00	-13.79	29.64	6.50	38.70	34.63	106	150	Average	VERTICAL
2	11375.42	53.22	74.00	-20.78	42.65	6.50	38.70	34.63	106	150	Peak	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15538.53	45.33	54.00	-8.67	28.31	12.58	38.14	33.70	151	327	Average	HORIZONTAL
2	15546.47	59.75	74.00	-14.25	42.75	12.58	38.12	33.70	151	327	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15532.79	58.59	74.00	-15.41	41.57	12.58	38.14	33.70	152	337	Peak	VERTICAL
2	15549.42	45.36	54.00	-8.64	28.39	12.58	38.12	33.73	152	337	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15599.13	45.34	54.00	-8.66	28.51	12.58	38.03	33.78	152	318	Average	HORIZONTAL
2	15602.08	58.20	74.00	-15.80	41.37	12.58	38.03	33.78	152	318	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15590.10	45.24	54.00	-8.76	28.35	12.58	38.06	33.75	153	304	Average	VERTICAL
2	15601.89	58.27	74.00	-15.73	41.44	12.58	38.03	33.78	153	304	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15711.25	58.94	74.00	-15.06	42.38	12.57	37.87	33.88	151	286	Peak	HORIZONTAL
2	15719.39	45.45	54.00	-8.55	28.92	12.57	37.84	33.88	151	286	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15710.26	45.20	54.00	-8.80	28.64	12.57	37.87	33.88	150	271	Average	VERTICAL
2	15726.25	58.20	74.00	-15.80	41.69	12.57	37.84	33.90	150	271	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15774.01	59.39	74.00	-14.61	42.99	12.57	37.76	33.93	152	254	Peak	HORIZONTAL
2	15779.62	45.70	54.00	-8.30	29.32	12.57	37.76	33.95	152	254	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15777.63	45.72	54.00	-8.28	29.34	12.57	37.76	33.95	152	233	Average	VERTICAL
2	15777.98	59.41	74.00	-14.59	43.03	12.57	37.76	33.95	152	233	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10596.83	55.92	74.00	-18.08	40.99	10.16	38.40	33.63	154	216	Peak	HORIZONTAL
2	10609.49	42.99	54.00	-11.01	28.02	10.19	38.40	33.62	154	216	Average	HORIZONTAL
3	15895.26	45.82	54.00	-8.18	29.73	12.57	37.57	34.05	151	198	Average	HORIZONTAL
4	15903.59	59.34	74.00	-14.66	43.28	12.57	37.54	34.05	151	198	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.90	42.99	54.00	-11.01	28.02	10.19	38.40	33.62	149	160	Average	VERTICAL
2	10600.90	56.26	74.00	-17.74	41.29	10.19	38.40	33.62	149	160	Peak	VERTICAL
3	15893.56	58.57	74.00	-15.43	42.48	12.57	37.57	34.05	150	176	Peak	VERTICAL
4	15905.93	44.84	54.00	-9.16	28.82	12.56	37.54	34.08	150	176	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10634.39	42.96	54.00	-11.04	27.95	10.21	38.40	33.60	152	147	Average	HORIZONTAL
2	10646.63	55.71	74.00	-18.29	40.70	10.21	38.40	33.60	152	147	Peak	HORIZONTAL
3	15950.80	44.87	54.00	-9.13	28.93	12.56	37.48	34.10	154	133	Average	HORIZONTAL
4	15966.67	57.95	74.00	-16.05	42.06	12.56	37.46	34.13	154	133	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10648.49	56.11	74.00	-17.89	41.10	10.21	38.40	33.60	152	96	Peak	VERTICAL
2	10649.55	42.73	54.00	-11.27	27.72	10.21	38.40	33.60	152	96	Average	VERTICAL
3	15961.41	57.49	74.00	-16.51	41.60	12.56	37.46	34.13	154	113	Peak	VERTICAL
4	15961.86	44.88	54.00	-9.12	28.99	12.56	37.46	34.13	154	113	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10991.99	55.38	74.00	-18.62	39.81	10.55	38.40	33.38	152	80	Peak	HORIZONTAL
2	10995.42	43.16	54.00	-10.84	27.59	10.55	38.40	33.38	152	80	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11002.79	56.73	74.00	-17.27	41.16	10.55	38.40	33.38	152	67	Peak	VERTICAL
2	11007.79	43.00	54.00	-11.00	27.41	10.55	38.42	33.38	152	67	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11166.47	43.22	54.00	-10.78	27.42	10.61	38.57	33.38	151	55	Average	HORIZONTAL
2	11169.87	56.07	74.00	-17.93	40.27	10.61	38.57	33.38	151	55	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11154.10	56.46	74.00	-17.54	40.69	10.60	38.55	33.38	152	40	Peak	VERTICAL
2	11168.56	42.88	54.00	-11.12	27.08	10.61	38.57	33.38	152	40	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11393.69	56.93	74.00	-17.07	40.83	10.69	38.78	33.37	151	29	Peak	HORIZONTAL
2	11405.38	43.60	54.00	-10.40	27.48	10.69	38.80	33.37	151	29	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11393.62	58.29	74.00	-15.71	42.19	10.69	38.78	33.37	151	52	Peak	VERTICAL
2	11399.52	43.47	54.00	-10.53	27.35	10.69	38.80	33.37	152	52	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11485.93	43.87	54.00	-10.13	27.65	10.71	38.88	33.37	152	106	Average	HORIZONTAL
2	11487.69	56.34	74.00	-17.66	40.12	10.71	38.88	33.37	152	106	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11495.06	43.85	54.00	-10.15	27.62	10.72	38.88	33.37	153	124	Average	VERTICAL
2	11495.61	58.65	74.00	-15.35	42.42	10.72	38.88	33.37	153	124	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.20	44.52	54.00	-9.48	28.21	10.75	38.94	33.38	154	141	Average	HORIZONTAL
2	11571.28	57.29	74.00	-16.71	40.98	10.76	38.94	33.39	154	141	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11563.49	56.86	74.00	-17.14	40.56	10.75	38.93	33.38	153	158	Peak	VERTICAL
2	11575.51	43.85	54.00	-10.15	27.54	10.76	38.94	33.39	153	158	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11648.04	43.66	54.00	-10.34	27.28	10.81	38.98	33.41	151	172	Average	HORIZONTAL
2	11653.75	56.80	74.00	-17.20	40.41	10.81	38.99	33.41	151	172	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11642.34	56.03	74.00	-17.97	39.66	10.79	38.98	33.40	153	190	Peak	VERTICAL
2	11657.21	43.55	54.00	-10.45	27.16	10.81	38.99	33.41	153	190	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15568.24	58.03	74.00	-15.97	41.09	12.58	38.09	33.73	154	206	Peak	HORIZONTAL
2	15572.05	45.49	54.00	-8.51	28.55	12.58	38.09	33.73	154	206	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15563.40	58.58	74.00	-15.42	41.64	12.58	38.09	33.73	152	218	Peak	VERTICAL
2	15576.76	45.25	54.00	-8.75	28.33	12.58	38.09	33.75	152	218	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15686.76	58.92	74.00	-15.08	42.29	12.58	37.90	33.85	152	238	Peak	HORIZONTAL
2	15694.42	45.54	54.00	-8.46	28.91	12.58	37.90	33.85	152	238	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15681.51	45.31	54.00	-8.69	28.68	12.58	37.90	33.85	153	256	Average	VERTICAL
2	15681.79	58.31	74.00	-15.69	41.68	12.58	37.90	33.85	153	256	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15802.40	45.05	54.00	-8.95	28.73	12.57	37.70	33.95	148	274	Average	HORIZONTAL
2	15813.37	57.62	74.00	-16.38	41.33	12.57	37.70	33.98	148	274	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15800.58	57.68	74.00	-16.32	41.36	12.57	37.70	33.95	150	292	Peak	VERTICAL
2	15804.49	44.80	54.00	-9.20	28.51	12.57	37.70	33.98	150	292	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10610.80	42.87	54.00	-11.13	27.90	10.19	38.40	33.62	152	312	Average	HORIZONTAL
2	10619.20	56.01	74.00	-17.99	41.04	10.19	38.40	33.62	152	312	Peak	HORIZONTAL
3	15925.42	44.90	54.00	-9.10	28.91	12.56	37.51	34.08	153	326	Average	HORIZONTAL
4	15933.30	58.33	74.00	-15.67	42.36	12.56	37.51	34.10	153	326	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10617.72	42.72	54.00	-11.28	27.75	10.19	38.40	33.62	152	355	Average	VERTICAL
2	10623.81	55.81	74.00	-18.19	40.84	10.19	38.40	33.62	152	355	Peak	VERTICAL
3	15928.01	58.00	74.00	-16.00	42.01	12.56	37.51	34.08	154	343	Peak	VERTICAL
4	15928.69	44.89	54.00	-9.11	28.90	12.56	37.51	34.08	154	343	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11010.06	55.92	74.00	-18.08	40.32	10.56	38.42	33.38	153	337	Peak	HORIZONTAL
2	11012.76	43.10	54.00	-10.90	27.50	10.56	38.42	33.38	153	337	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11012.60	56.10	74.00	-17.90	40.50	10.56	38.42	33.38	152	322	Peak	VERTICAL
2	11013.30	43.14	54.00	-10.86	27.54	10.56	38.42	33.38	152	322	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.42	43.12	54.00	-10.88	27.42	10.58	38.50	33.38	153	304	Average	HORIZONTAL
2	11100.80	56.55	74.00	-17.45	40.85	10.58	38.50	33.38	153	304	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11107.15	56.04	74.00	-17.96	40.32	10.58	38.52	33.38	151	288	Peak	VERTICAL
2	11107.92	42.90	54.00	-11.10	27.18	10.58	38.52	33.38	151	288	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11338.33	56.07	74.00	-17.93	40.05	10.66	38.73	33.37	152	260	Peak	HORIZONTAL
2	11340.16	43.23	54.00	-10.77	27.21	10.66	38.73	33.37	152	260	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11341.09	43.38	54.00	-10.62	27.35	10.67	38.73	33.37	150	246	Average	VERTICAL
2	11346.67	56.42	74.00	-17.58	40.37	10.67	38.75	33.37	150	246	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11501.47	43.77	54.00	-10.23	27.52	10.72	38.90	33.37	154	207	Average	HORIZONTAL
2	11505.26	56.86	74.00	-17.14	40.61	10.72	38.90	33.37	154	207	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11501.99	56.51	74.00	-17.49	40.26	10.72	38.90	33.37	151	190	Peak	VERTICAL
2	11507.50	43.71	54.00	-10.29	27.46	10.72	38.90	33.37	151	190	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11588.04	43.70	54.00	-10.30	27.38	10.76	38.95	33.39	152	176	Average	HORIZONTAL
2	11588.81	56.56	74.00	-17.44	40.24	10.76	38.95	33.39	152	176	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11585.90	43.44	54.00	-10.56	27.12	10.76	38.95	33.39	151	160	Average	VERTICAL
2	11593.94	57.42	74.00	-16.58	41.10	10.76	38.95	33.39	151	160	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15634.49	59.20	74.00	-14.80	42.44	12.58	37.98	33.80	150	175	Peak	HORIZONTAL
2	15634.71	45.39	54.00	-8.61	28.63	12.58	37.98	33.80	150	175	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15623.65	58.54	74.00	-15.46	41.73	12.58	38.01	33.78	152	160	Peak	VERTICAL
2	15634.29	45.10	54.00	-8.90	28.34	12.58	37.98	33.80	152	160	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15868.91	57.58	74.00	-16.42	41.45	12.57	37.59	34.03	153	176	Peak	HORIZONTAL
2	15878.94	44.92	54.00	-9.08	28.79	12.57	37.59	34.03	153	176	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15873.33	58.03	74.00	-15.97	41.90	12.57	37.59	34.03	155	197	Peak	VERTICAL
2	15877.92	44.81	54.00	-9.19	28.68	12.57	37.59	34.03	155	197	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11066.89	43.04	54.00	-10.96	27.37	10.58	38.47	33.38	153	213	Average	HORIZONTAL
2	11067.95	56.12	74.00	-17.88	40.45	10.58	38.47	33.38	153	213	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11056.60	56.21	74.00	-17.79	40.55	10.57	38.47	33.38	152	227	Peak	VERTICAL
2	11060.77	42.92	54.00	-11.08	27.25	10.58	38.47	33.38	152	227	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11211.15	55.97	74.00	-18.03	40.11	10.62	38.62	33.38	151	244	Peak	HORIZONTAL
2	11225.35	42.94	54.00	-11.06	27.07	10.63	38.62	33.38	151	244	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11217.72	42.82	54.00	-11.18	26.95	10.63	38.62	33.38	153	259	Average	VERTICAL
2	11229.07	55.97	74.00	-18.03	40.09	10.63	38.63	33.38	153	259	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11540.71	43.31	54.00	-10.69	27.04	10.73	38.92	33.38	150	313	Average	HORIZONTAL
2	11559.33	56.55	74.00	-17.45	40.25	10.75	38.93	33.38	150	313	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11544.65	56.59	74.00	-17.41	40.30	10.75	38.92	33.38	153	328	Peak	VERTICAL
2	11550.64	43.27	54.00	-10.73	26.97	10.75	38.93	33.38	153	328	Average	VERTICAL

Straddle Channel

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11435.87	44.09	54.00	-9.91	27.94	10.69	38.83	33.37	151	70	Average	HORIZONTAL
2	11448.59	57.13	74.00	-16.87	40.95	10.70	38.85	33.37	151	70	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11438.62	45.18	54.00	-8.82	29.03	10.69	38.83	33.37	154	88	Average	VERTICAL
2	11439.42	58.27	74.00	-15.73	42.12	10.69	38.83	33.37	154	88	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11419.07	56.89	74.00	-17.11	40.75	10.69	38.82	33.37	150	234	Peak	HORIZONTAL
2	11423.21	43.95	54.00	-10.05	27.81	10.69	38.82	33.37	150	234	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11424.23	43.89	54.00	-10.11	27.75	10.69	38.82	33.37	153	220	Average	VERTICAL
2	11429.81	56.74	74.00	-17.26	40.59	10.69	38.83	33.37	153	220	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 2
Test Date	Jul. 27, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 1TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11386.76	56.93	74.00	-17.07	40.84	10.68	38.78	33.37	154	279	Peak	HORIZONTAL
2	11388.81	43.72	54.00	-10.28	27.63	10.68	38.78	33.37	154	279	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11372.02	43.59	54.00	-10.41	27.51	10.68	38.77	33.37	152	297	Average	VERTICAL
2	11372.72	57.02	74.00	-16.98	40.94	10.68	38.77	33.37	152	297	Peak	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15541.43	45.58	54.00	-8.42	28.56	12.58	38.14	33.70	157	325	Average	HORIZONTAL
2	15541.68	59.00	74.00	-15.00	41.98	12.58	38.14	33.70	157	325	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15538.08	58.41	74.00	-15.59	41.39	12.58	38.14	33.70	157	348	Peak	VERTICAL
2	15540.95	46.60	54.00	-7.40	29.58	12.58	38.14	33.70	157	348	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15597.82	58.83	74.00	-15.17	41.97	12.58	38.03	33.75	157	317	Peak	HORIZONTAL
2	15601.07	45.74	54.00	-8.26	28.91	12.58	38.03	33.78	157	317	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15598.68	45.42	54.00	-8.58	28.56	12.58	38.03	33.75	140	301	Average	VERTICAL
2	15602.41	58.45	74.00	-15.55	41.62	12.58	38.03	33.78	140	301	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15718.54	59.14	74.00	-14.86	42.61	12.57	37.84	33.88	140	298	Peak	HORIZONTAL
2	15719.96	45.71	54.00	-8.29	29.18	12.57	37.84	33.88	140	298	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15718.43	58.80	74.00	-15.20	42.27	12.57	37.84	33.88	140	309	Peak	VERTICAL
2	15719.03	45.39	54.00	-8.61	28.86	12.57	37.84	33.88	140	309	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15775.00	67.34	74.00	-6.66	50.94	12.57	37.76	33.93	172	181	Peak	HORIZONTAL
2	15780.26	53.00	54.00	-1.00	36.62	12.57	37.76	33.95	172	181	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15782.31	50.13	54.00	-3.87	33.78	12.57	37.73	33.95	146	196	Average	VERTICAL
2	15782.56	60.75	74.00	-13.25	44.40	12.57	37.73	33.95	146	196	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15900.03	45.47	54.00	-8.53	29.38	12.57	37.57	34.05	140	308	Average	HORIZONTAL
2	15901.04	58.36	74.00	-15.64	42.30	12.57	37.54	34.05	140	308	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15898.38	45.05	54.00	-8.95	28.96	12.57	37.57	34.05	140	316	Average	VERTICAL
2	15898.53	58.60	74.00	-15.40	42.51	12.57	37.57	34.05	140	316	Peak	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15959.55	58.40	74.00	-15.60	42.51	12.56	37.46	34.13	140	299	Peak	HORIZONTAL
2	15959.57	45.45	54.00	-8.55	29.56	12.56	37.46	34.13	140	299	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15960.43	58.47	74.00	-15.53	42.58	12.56	37.46	34.13	144	171	Peak	VERTICAL
2	15962.17	44.91	54.00	-9.09	29.02	12.56	37.46	34.13	144	171	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10998.16	57.00	74.00	-17.00	41.43	10.55	38.40	33.38	172	181	Peak	HORIZONTAL
2	11000.25	44.24	54.00	-9.76	28.67	10.55	38.40	33.38	172	181	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10998.77	57.30	74.00	-16.70	41.73	10.55	38.40	33.38	144	189	Peak	VERTICAL
2	11000.12	44.18	54.00	-9.82	28.61	10.55	38.40	33.38	144	189	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11157.76	44.11	54.00	-9.89	28.32	10.60	38.57	33.38	171	183	Average	HORIZONTAL
2	11162.53	56.59	74.00	-17.41	40.79	10.61	38.57	33.38	171	183	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11157.63	57.49	74.00	-16.51	41.70	10.60	38.57	33.38	142	191	Peak	VERTICAL
2	11164.49	44.38	54.00	-9.62	28.58	10.61	38.57	33.38	142	191	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11392.79	57.02	74.00	-16.98	40.92	10.69	38.78	33.37	170	184	Peak	HORIZONTAL
2	11399.39	44.08	54.00	-9.92	27.96	10.69	38.80	33.37	170	184	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11396.99	56.82	74.00	-17.18	40.70	10.69	38.80	33.37	142	199	Peak	VERTICAL
2	11407.28	44.34	54.00	-9.66	28.22	10.69	38.80	33.37	142	199	Average	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11489.57	43.45	54.00	-10.55	27.23	10.71	38.88	33.37	198	244	Average	HORIZONTAL
2	11491.43	57.06	74.00	-16.94	40.84	10.71	38.88	33.37	198	244	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11488.60	43.97	54.00	-10.03	27.75	10.71	38.88	33.37	189	202	Average	VERTICAL
2	11489.66	57.60	74.00	-16.40	41.38	10.71	38.88	33.37	189	202	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.02	62.60	74.00	-11.40	46.29	10.75	38.94	33.38	208	183	Peak	HORIZONTAL
2	11569.42	48.36	54.00	-5.64	32.05	10.75	38.94	33.38	208	183	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.01	61.21	74.00	-12.79	44.90	10.75	38.94	33.38	213	172	Peak	VERTICAL
2	11569.23	47.53	54.00	-6.47	31.22	10.75	38.94	33.38	213	172	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11651.22	44.00	54.00	-10.00	27.61	10.81	38.99	33.41	189	168	Average	HORIZONTAL
2	11654.49	55.57	74.00	-18.43	39.18	10.81	38.99	33.41	189	168	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11649.58	44.28	54.00	-9.72	27.90	10.81	38.98	33.41	213	183	Average	VERTICAL
2	11654.49	57.00	74.00	-17.00	40.61	10.81	38.99	33.41	213	183	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15569.62	45.28	54.00	-8.72	28.34	12.58	38.09	33.73	189	196	Average	HORIZONTAL
2	15570.14	58.97	74.00	-15.03	42.03	12.58	38.09	33.73	189	196	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15569.22	59.24	74.00	-14.76	42.30	12.58	38.09	33.73	191	205	Peak	VERTICAL
2	15571.72	45.25	54.00	-8.75	28.31	12.58	38.09	33.73	191	205	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15691.23	58.63	74.00	-15.37	42.00	12.58	37.90	33.85	189	200	Peak	HORIZONTAL
2	15691.90	45.49	54.00	-8.51	28.86	12.58	37.90	33.85	189	200	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15688.49	58.51	74.00	-15.49	41.88	12.58	37.90	33.85	204	127	Peak	VERTICAL
2	15690.26	45.67	54.00	-8.33	29.04	12.58	37.90	33.85	204	127	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15809.13	44.81	54.00	-9.19	28.52	12.57	37.70	33.98	189	155	Average	HORIZONTAL
2	15811.15	57.57	74.00	-16.43	41.28	12.57	37.70	33.98	189	155	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15808.44	44.77	54.00	-9.23	28.48	12.57	37.70	33.98	193	176	Average	VERTICAL
2	15810.38	57.73	74.00	-16.27	41.44	12.57	37.70	33.98	193	176	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15930.46	57.67	74.00	-16.33	41.70	12.56	37.51	34.10	187	174	Peak	HORIZONTAL
2	15932.19	44.73	54.00	-9.27	28.76	12.56	37.51	34.10	187	174	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15928.05	44.89	54.00	-9.11	28.90	12.56	37.51	34.08	193	192	Average	VERTICAL
2	15932.47	58.08	74.00	-15.92	42.11	12.56	37.51	34.10	193	192	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11017.99	43.62	54.00	-10.38	28.02	10.56	38.42	33.38	186	188	Average	HORIZONTAL
2	11021.30	56.33	74.00	-17.67	40.73	10.56	38.42	33.38	186	188	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11017.72	43.36	54.00	-10.64	27.76	10.56	38.42	33.38	212	199	Average	VERTICAL
2	11017.72	56.71	74.00	-17.29	41.11	10.56	38.42	33.38	212	199	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11098.62	56.84	74.00	-17.16	41.14	10.58	38.50	33.38	204	259	Peak	HORIZONTAL
2	11102.48	43.60	54.00	-10.40	27.90	10.58	38.50	33.38	204	259	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.73	56.05	74.00	-17.95	40.35	10.58	38.50	33.38	186	244	Peak	VERTICAL
2	11099.92	43.62	54.00	-10.38	27.92	10.58	38.50	33.38	186	244	Average	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.42	57.31	74.00	-16.69	41.29	10.66	38.73	33.37	204	228	Peak	HORIZONTAL
2	11341.03	43.80	54.00	-10.20	27.77	10.67	38.73	33.37	204	228	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11337.90	43.96	54.00	-10.04	27.94	10.66	38.73	33.37	198	202	Average	VERTICAL
2	11339.01	56.98	74.00	-17.02	40.96	10.66	38.73	33.37	198	202	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11507.63	44.01	54.00	-9.99	27.76	10.72	38.90	33.37	154	182	Average	HORIZONTAL
2	11510.05	57.29	74.00	-16.71	41.04	10.72	38.90	33.37	154	182	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11509.52	44.14	54.00	-9.86	27.89	10.72	38.90	33.37	158	171	Average	VERTICAL
2	11509.54	57.11	74.00	-16.89	40.86	10.72	38.90	33.37	158	171	Peak	VERTICAL

Temperature	23℃	Humidity	61%
Test Engineer	Paul Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2
Test Date	Jul. 26, 2015		
Test Mode	Mode 2 (Ant. 7 Polarized Panel / 10.7dBi / 2TX)		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.33	44.06	54.00	-9.94	27.74	10.76	38.95	33.39	162	155	Average	HORIZONTAL
2	11591.53	58.13	74.00	-15.87	41.81	10.76	38.95	33.39	162	155	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11590.57	57.17	74.00	-16.83	40.85	10.76	38.95	33.39	158	183	Peak	VERTICAL
2	11591.76	43.90	54.00	-10.10	27.58	10.76	38.95	33.39	158	183	Average	VERTICAL