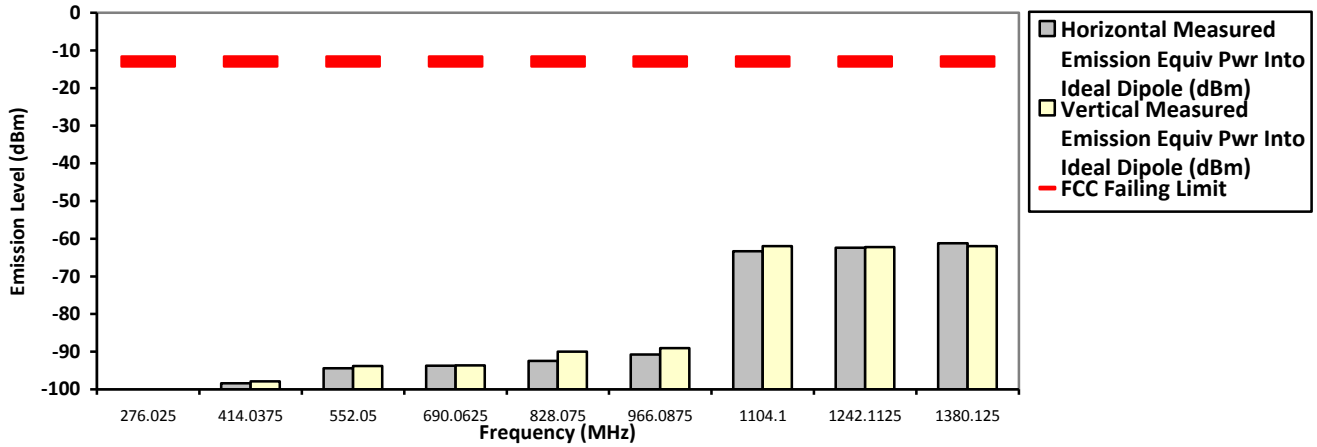
SAC Transmitter Radiated Emission: APX6000 REFRESH VHF 136-174MHZ 6W
Model #: H98KGH9PW7BN 756TSB0719 SR:05897-EMC-00042
Battery Part No: PMNN4494A Accy Part No: NA
Test Mode: TX Analog
138.012500 MHz 25 kHz 6.600 Watt(s) /Max Power

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
276.0250	-13.0000	-101.4939 **	-100.4407 **
414.0375	-13.0000	-98.3981 **	-97.8927 **
552.0500	-13.0000	-94.3829 **	-93.8305 **
690.0625	-13.0000	-93.7474 **	-93.6329 **
828.0750	-13.0000	-92.4593 **	-90.0005 **
966.0875	-13.0000	-90.7804 **	-89.0289 **
1104.1000	-13.0000	-63.3428 **	-61.9888 **
1242.1125	-13.0000	-62.4087 **	-62.2560 **
1380.1250	-13.0000	-61.1722 **	-61.9929 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Mon, May 02, 2016
FCC Registration: 772092 Industry Canada: 109AK
Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.
***Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported**
Temp(Deg): 23.4 Hum(%RH): 71.3

System MU: 5.01 dB

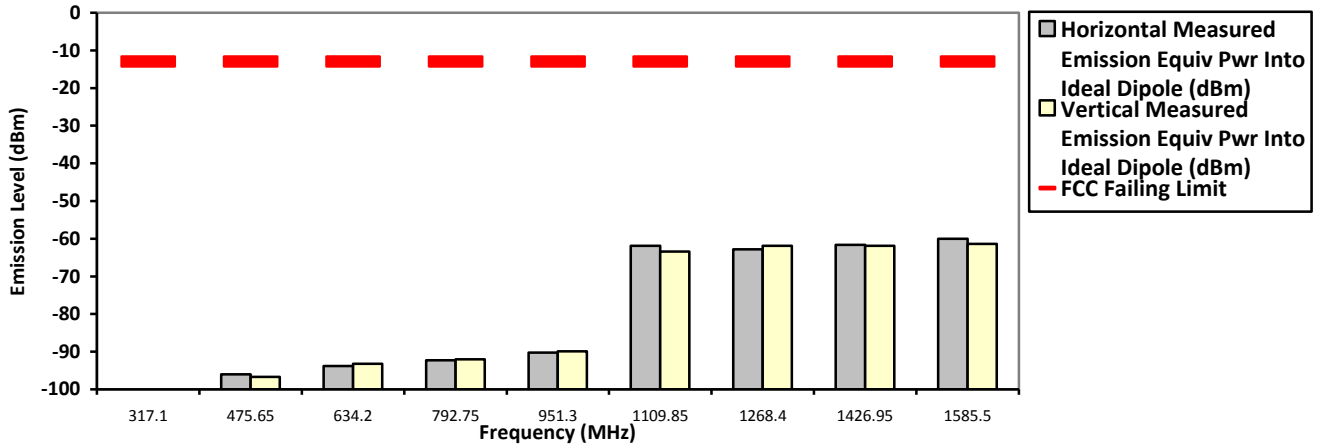
Remarks:

Passed Results	Marginal Results	Failed Results

SAC Transmitter Radiated Emission: APX6000 REFRESH VHF 136-174MHZ 6W
Model #: H98KGH9PW7BN S/N: 756TSB0719 SR:05897-EMC-00042
Battery Part No: PMNN4494A Accy Part No: NA
Test Mode: TX Analog
158.550000 MHz 25 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
317.1000	-13.0000	-100.8228 **	-100.3715 **
475.6500	-13.0000	-96.0296 **	-96.7042 **
634.2000	-13.0000	-93.7677 **	-93.2139 **
792.7500	-13.0000	-92.2617 **	-92.0452 **
951.3000	-13.0000	-90.2030 **	-89.8724 **
1109.8500	-13.0000	-61.9084 **	-63.3748 **
1268.4000	-13.0000	-62.8487 **	-61.8857 **
1426.9500	-13.0000	-61.6177 **	-61.9092 **
1585.5000	-13.0000	-59.9750 **	-61.3455 **

RADIATED SPURIOUS EMISSIONS



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Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Mon, May 02, 2016
FCC Registration: 772092 Industry Canada: 109AK
Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.
***Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported**
Temp(Deg): 23.4 Hum(%RH): 71.3

System MU: 5.01 dB

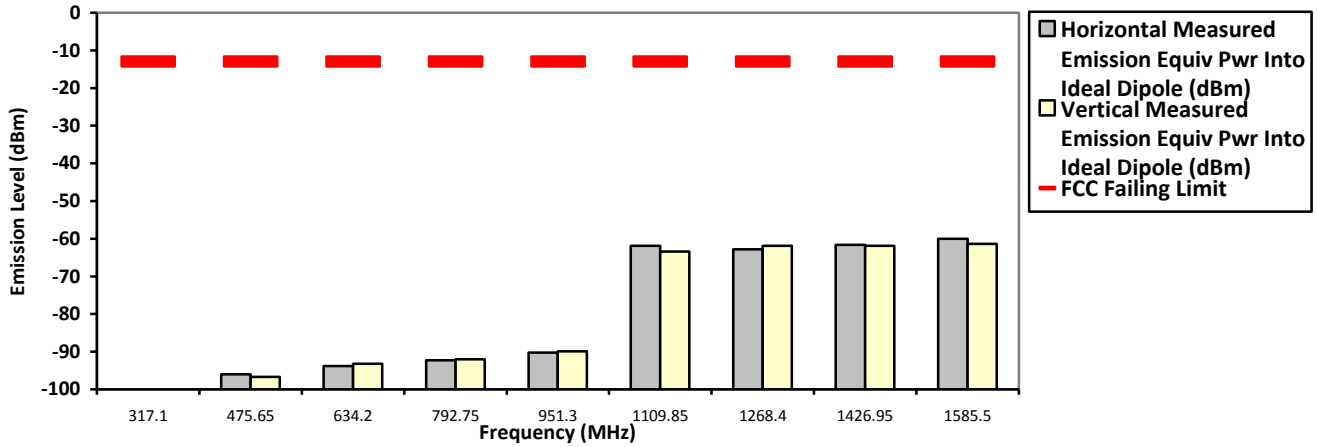
Remarks:

Passed Results	Marginal Results	Failed Results

SAC Transmitter Radiated Emission: APX6000 REFRESH VHF 136-174MHZ 6W
Model #: H98KGH9PW7BN 756TSB0719 SR:05897-EMC-00042
Battery Part No: PMNN4494A Accy Part No: NA
Test Mode: TX Analog
158.550000 MHz 25 kHz 6.600 Watt(s) /Max Power

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
317.1000	-13.0000	-100.8228 **	-100.3715 **
475.6500	-13.0000	-96.0296 **	-96.7042 **
634.2000	-13.0000	-93.7677 **	-93.2139 **
792.7500	-13.0000	-92.2617 **	-92.0452 **
951.3000	-13.0000	-90.2030 **	-89.8724 **
1109.8500	-13.0000	-61.9084 **	-63.3748 **
1268.4000	-13.0000	-62.8487 **	-61.8857 **
1426.9500	-13.0000	-61.6177 **	-61.9092 **
1585.5000	-13.0000	-59.9750 **	-61.3455 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Mon, May 02, 2016
FCC Registration: 772092 Industry Canada: 109AK
Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.
***Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported**
Temp(Deg): 23.4 Hum(%RH): 71.3

System MU: 5.01 dB

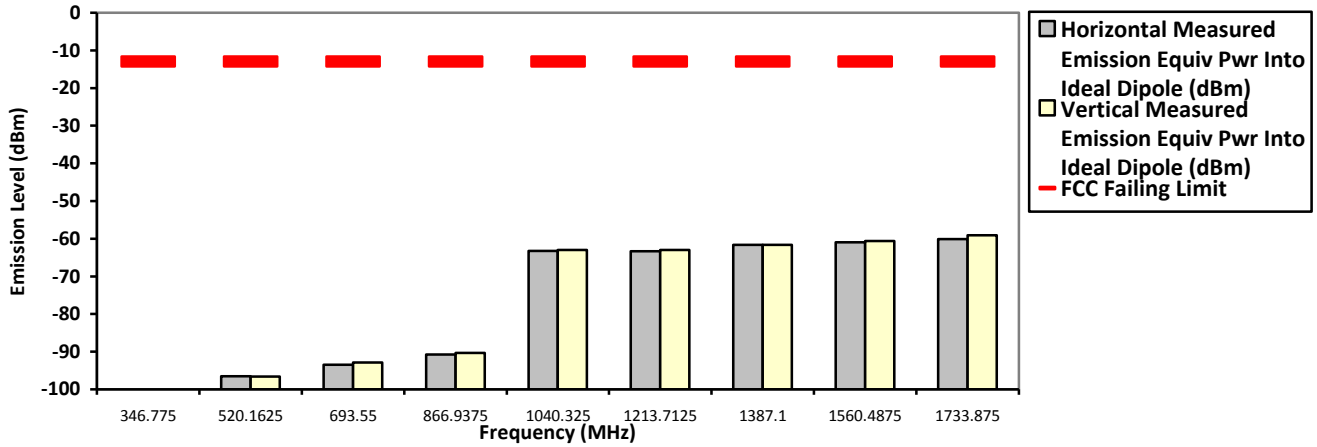
Remarks:

Passed Results	Marginal Results	Failed Results

SAC Transmitter Radiated Emission: APX6000 REFRESH VHF 136-174MHZ 6W
Model #: H98KGH9PW7BN S/N: 756TSB0719 SR:05897-EMC-00042
Battery Part No: PMNN4494A Accy Part No: NA
Test Mode: TX Analog
173.387500 MHz 25 kHz 6.600 Watt(s) /Max Power

Frequency (MHz)	FCC Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
346.7750	-13.0000	-99.9811 **	-100.2629 **
520.1625	-13.0000	-96.5194 **	-96.6423 **
693.5500	-13.0000	-93.4810 **	-92.8302 **
866.9375	-13.0000	-90.7851 **	-90.2867 **
1040.3250	-13.0000	-63.2850 **	-62.9500 **
1213.7125	-13.0000	-63.3126 **	-62.9973 **
1387.1000	-13.0000	-61.6131 **	-61.6110 **
1560.4875	-13.0000	-60.9378 **	-60.6329 **
1733.8750	-13.0000	-60.0677 **	-59.1060 **

RADIATED SPURIOUS EMISSIONS



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Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman Mon, May 02, 2016
FCC Registration: 772092 Industry Canada: 109AK
Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.
***Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported**
Temp(Deg): 23.4 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:	Passed Results	Marginal Results	Failed Results