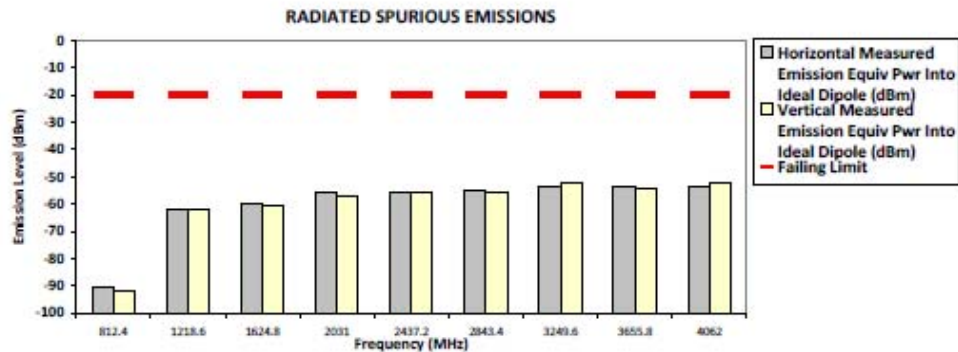


FCC ID: AZ492FT7089

406.200000 MHz 12.5 kHz 1.000 Watt(s) /Low Power

[illegible]

Fri, Jul 29, 2016

Industry Canada: 109AK

Temp(Deg): 25.6 Hum(%RH): 71.7

Remarks:

Remarks:

Passed Results

Marginal Results

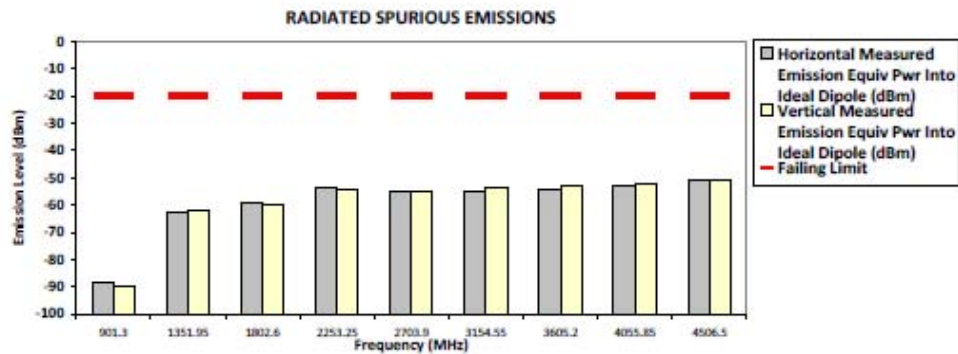
Failed Results

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 450.650000 MHz 12.5 kHz 54.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
901.3000	-20.0000	-68.6921 **	-90.0631 **
1351.9500	-20.0000	-62.3994 **	-62.3319 **
1802.6000	-20.0000	-59.3678 **	-60.1135 **
2253.2500	-20.0000	-53.7480 **	-54.5993 **
2703.9000	-20.0000	-53.2554 **	-54.7678 **
3154.5500	-20.0000	-54.7980 **	-53.9636 **
3605.2000	-20.0000	-54.4453 **	-52.9446 **
4055.8500	-20.0000	-52.7925 **	-52.3229 **
4506.5000	-20.0000	-50.6842 **	-50.8143 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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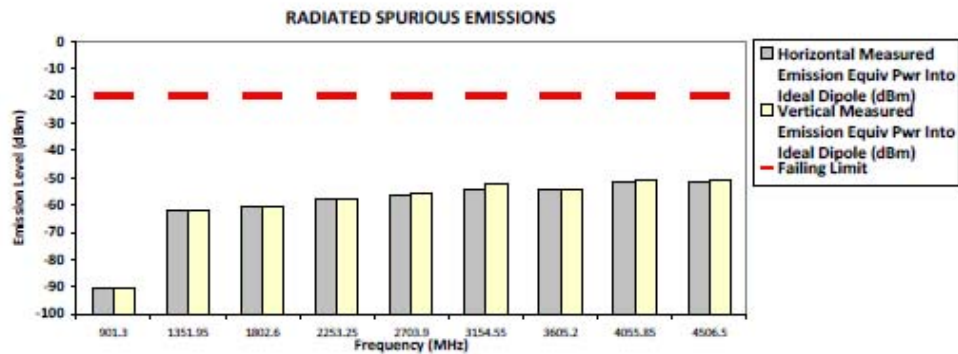
Exhibit 6F- 37: TRSE Phase II – Freq 450.65 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 450.650000 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
901.3000	-20.0000	-90.2845 **	-90.7752 **
1351.9500	-20.0000	-62.3251 **	-61.7912 **
1802.6000	-20.0000	-60.3951 **	-60.2412 **
2253.2500	-20.0000	-58.0968 **	-57.5371 **
2703.9000	-20.0000	-56.2171 **	-55.5505 **
3154.5500	-20.0000	-54.1795 **	-52.1608 **
3605.2000	-20.0000	-54.3116 **	-54.2838 **
4055.8500	-20.0000	-51.4866 **	-51.0316 **
4506.5000	-20.0000	-51.4227 **	-50.7089 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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Exhibit 6F- 38: TRSE Phase II 1 Watt – Freq 450.65 MHz, Ch Sp 12.5 kHz

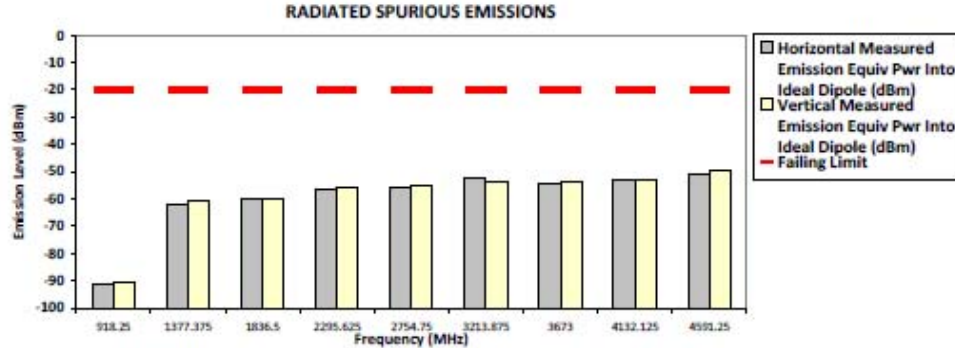
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

Test Mode: TX Phase II Digital
 459.125000 MHz 12.5 kHz 54.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
918.2500	-20.0000	-91.1796 **	-90.7182 **
1377.3750	-20.0000	-61.7970 **	-60.8871 **
1836.5000	-20.0000	-59.7740 **	-60.1537 **
2295.6250	-20.0000	-56.6802 **	-55.6186 **
2754.7500	-20.0000	-55.8296 **	-55.4165 **
3213.8750	-20.0000	-52.6019 **	-54.0380 **
3673.0000	-20.0000	-54.4134 **	-53.5831 **
4132.1250	-20.0000	-52.6839 **	-53.3267 **
4591.2500	-20.0000	-51.2173 **	-49.6032 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

Exhibit 6F- 39: TRSE Phase II – Freq 459.125 MHz, Ch Sp 12.5 kHz

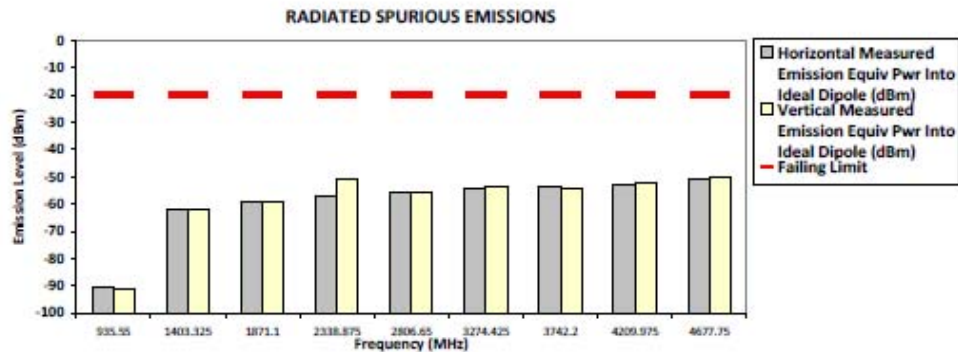
FCC ID: A2492FT7089

1.000 Watt(s) /Low Power

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
Battery Part No: NA Accy Part No: 3466-HMN4079G-1
Test Mode: TX Phase II Digital
75000 MHz 12.5 kHz 54.000 Watt(s) /Max Power

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawliman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

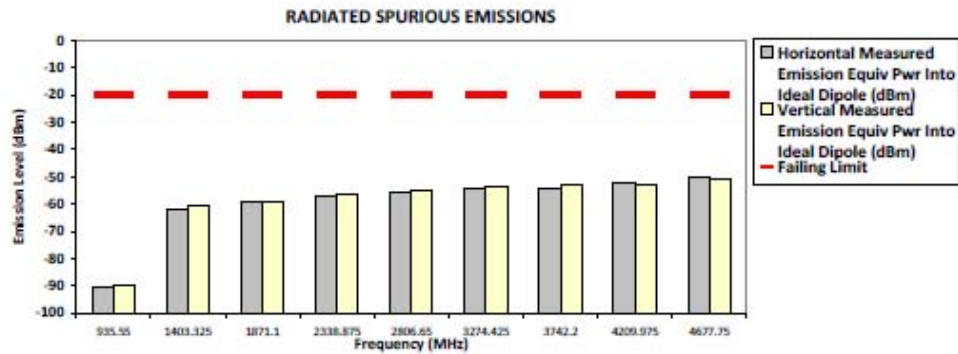
Failed Results

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 467.775000 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
935.5500	-20.0000	-90.8370 **	-90.0784 **
1403.3250	-20.0000	-62.1385 **	-60.2313 **
1871.1000	-20.0000	-59.0251 **	-59.1654 **
2338.8750	-20.0000	-57.2767 **	-56.6789 **
2806.6500	-20.0000	-55.8249 **	-55.0183 **
3274.4250	-20.0000	-54.1495 **	-53.8996 **
3742.2000	-20.0000	-54.4157 **	-53.3524 **
4209.9750	-20.0000	-52.5286 **	-53.1006 **
4677.7500	-20.0000	-50.5086 **	-50.8407 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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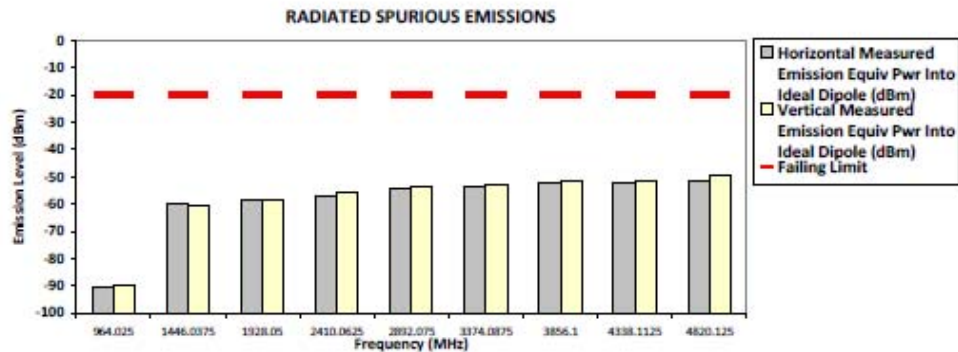
Exhibit 6F- 42: TRSE Phase II 1 Watt – Freq 467.775 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 482.012500 MHz 12.5 kHz 54.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-90.3414 **	-89.9978 **
1446.0375	-20.0000	-60.1413 **	-60.7681 **
1928.0500	-20.0000	-58.8624 **	-58.3383 **
2410.0625	-20.0000	-57.1194 **	-55.5183 **
2892.0750	-20.0000	-54.3302 **	-53.6445 **
3374.0875	-20.0000	-53.5893 **	-53.3526 **
3856.1000	-20.0000	-52.1847 **	-51.6281 **
4338.1125	-20.0000	-52.4249 **	-51.9057 **
4820.1250	-20.0000	-51.3330 **	-49.2570 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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Exhibit 6F- 43: TRSE Phase II – Freq 482.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

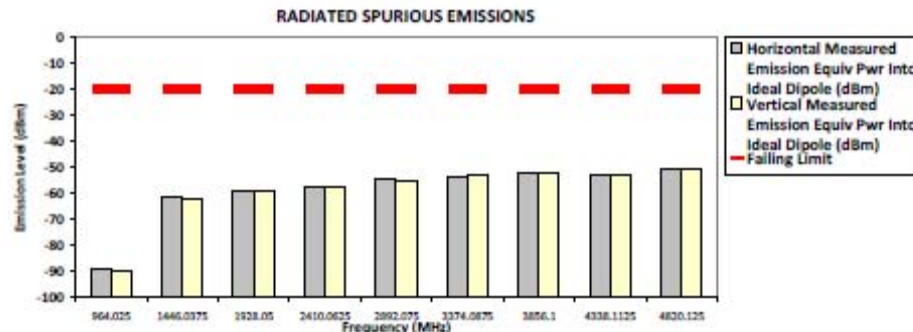
FCC ID: A2492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
Battery Part No: NA Accy Part No: 3466-HMN4079G-1

482.012500 MHz

12.5 kHz

1.000 Watt(s) /Low Power

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawliman&Nazrin

Fri, Jul 28, 2018

FCC Registration: 772082

Industry Canada: 109AK

Remarks: ** indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (c), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 26.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

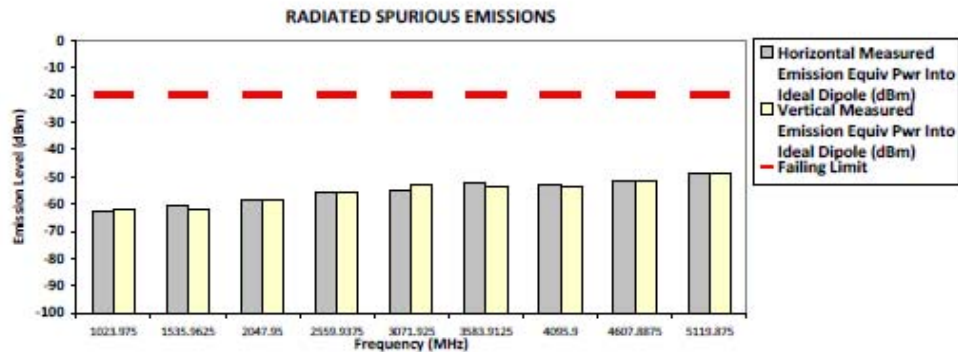
Failed Results

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 511.987500 MHz 12.5 kHz 48.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-62.6146 **	-62.2816 **
1535.9625	-20.0000	-60.9066 **	-61.7905 **
2047.9500	-20.0000	-58.2583 **	-58.2075 **
2559.9375	-20.0000	-55.5985 **	-55.6128 **
3071.9250	-20.0000	-54.7816 **	-52.6752 **
3583.9125	-20.0000	-52.5663 **	-53.6533 **
4095.9000	-20.0000	-53.2114 **	-53.8279 **
4607.8875	-20.0000	-51.5447 **	-51.2895 **
5119.8750	-20.0000	-49.0984 **	-48.5695 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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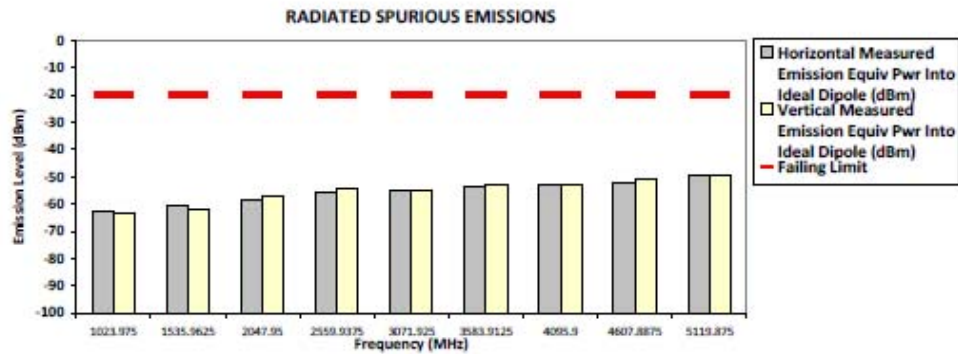
Exhibit 6F- 45: TRSE Phase II – Freq 511.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 511.987500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-62.9411 **	-63.2034 **
1535.9625	-20.0000	-60.5408 **	-61.9864 **
2047.9500	-20.0000	-58.3418 **	-57.0135 **
2559.9375	-20.0000	-55.4293 **	-54.3930 **
3071.9250	-20.0000	-54.7687 **	-54.9404 **
3583.9125	-20.0000	-53.5618 **	-52.9087 **
4095.9000	-20.0000	-52.7359 **	-52.7793 **
4607.8875	-20.0000	-51.9481 **	-51.1574 **
5119.8750	-20.0000	-49.7695 **	-49.6996 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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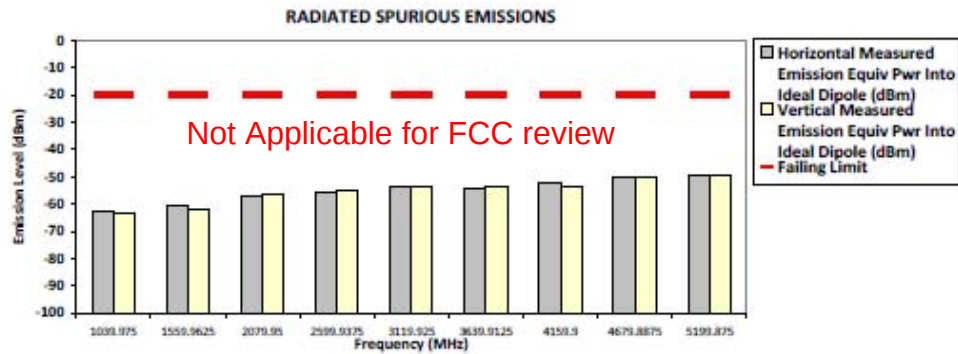
Exhibit 6F- 46: TRSE Phase II 1 Watt – Freq 511.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 519.987500 MHz 12.5 kHz 30.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1039.9750	-20.0000	-62.6741 **	-63.0557 **
1559.9625	-20.0000	-60.6159 **	-61.8637 **
2079.9500	-20.0000	-57.1334 **	-56.5333 **
2599.9375	-20.0000	-55.3906 **	-55.2678 **
3119.9250	-20.0000	-53.8074 **	-53.9917 **
3639.9125	-20.0000	-54.0327 **	-53.8593 **
4159.9000	-20.0000	-52.4188 **	-53.6078 **
4679.8875	-20.0000	-50.2594 **	-50.5080 **
5199.8750	-20.0000	-49.2567 **	-49.6676 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Fri, Jul 29, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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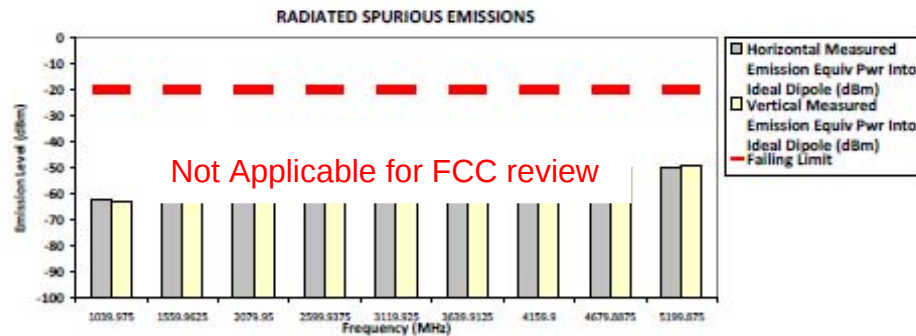
Exhibit 6F- 47: TRSE Phase II – Freq 519.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS59PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 519.987500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1039.9750	-20.0000	-62.4293 **	-63.0937 **
1559.9625	-20.0000	-61.5918 **	-61.1418 **
2079.9500	-20.0000	-56.9759 **	-58.1631 **
2599.9375	-20.0000	-54.6706 **	-55.7017 **
3119.9250	-20.0000	-53.4248 **	-53.6086 **
3639.9125	-20.0000	-54.3623 **	-54.2779 **
4159.9000	-20.0000	-52.1762 **	-52.4626 **
4679.8875	-20.0000	-51.1449 **	-49.8867 **
5199.8750	-20.0000	-49.8596 **	-49.0469 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Fri, Jul 28, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 25.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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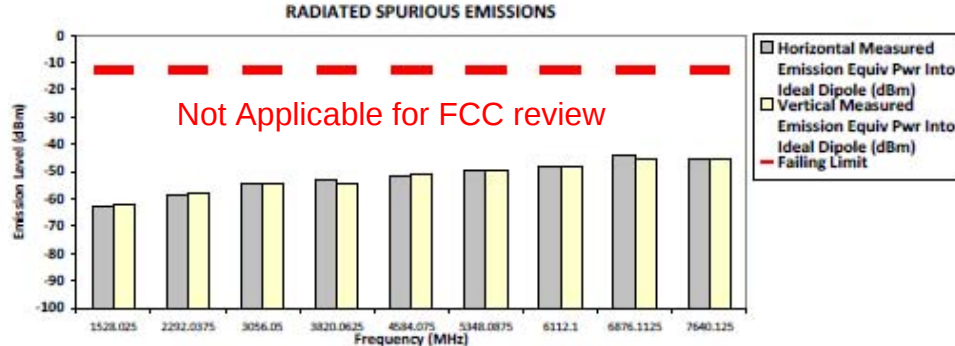
Exhibit 6F- 48: TRSE Phase II 1 Watt – Freq 519.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Analog
 764.012500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1528.0250	-13.0000	-62.6439 **	-62.3569 **
2292.0375	-13.0000	-58.3459 **	-57.9793 **
3056.0500	-13.0000	-54.7276 **	-54.6120 **
3820.0625	-13.0000	-53.1071 **	-54.6453 **
4584.0750	-13.0000	-51.9043 **	-50.7784 **
5348.0875	-13.0000	-49.7746 **	-49.6386 **
6112.1000	-13.0000	-47.8771 **	-47.8860 **
6876.1125	-13.0000	-43.9681 **	-45.6407 **
7640.1250	-13.0000	-45.0817 **	-45.3640 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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Exhibit 6F- 49: TRSE Analog – Freq 764.0125 MHz, Ch Sp 12.5 kHz

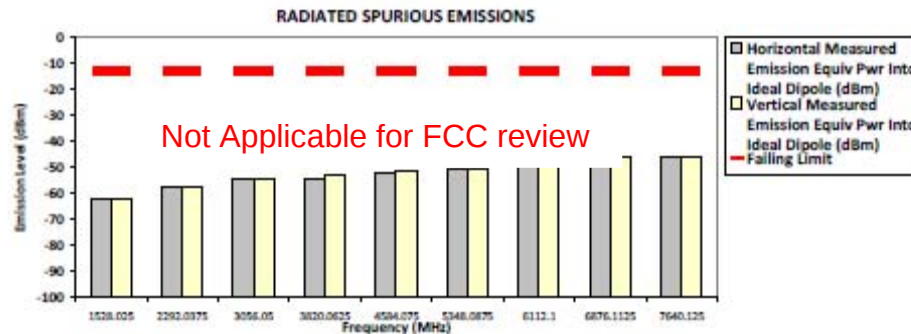
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

764.012500 MHz 12.5 kHz Test Mode: TX Analog 1.000 Watt(s) Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1528.0250	-13.0000	-62.3275 **	-62.2611 **
2292.0375	-13.0000	-57.2524 **	-57.7424 **
3056.0500	-13.0000	-54.3953 **	-54.6651 **
3820.0625	-13.0000	-54.2232 **	-53.1365 **
4584.0750	-13.0000	-52.1622 **	-51.2237 **
5348.0875	-13.0000	-50.5495 **	-50.4269 **
6112.1000	-13.0000	-46.7444 **	-47.5592 **
6876.1125	-13.0000	-44.3750 **	-45.9915 **
7640.1250	-13.0000	-43.7861 **	-46.2392 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Sun, Aug 14, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

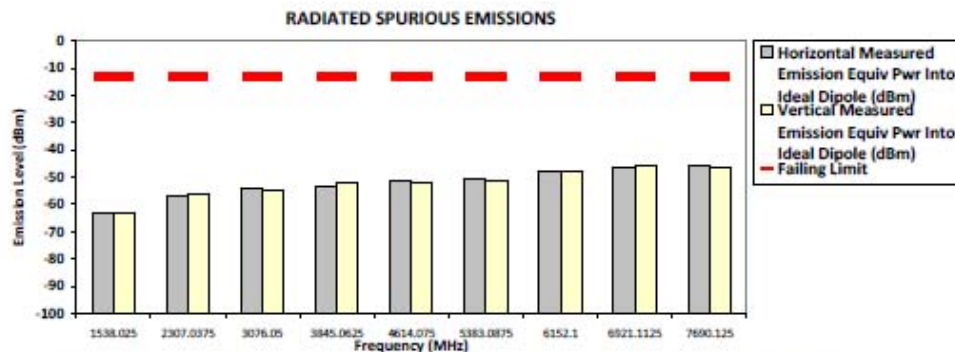
1/11

Exhibit 6F- 50: TRSE Analog 1 Watt – Freq 764.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: A2492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
Battery Part No: NA Accy Part No: 3466-HMN4079G-1
Test Mode: TX Analog
12500 MHz 12.5 kHz 2.000 Watt(s) /Max Power

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawliman&Nazrin Sun, Aug 14, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:	Passed Results	Marginal Results	Failed Results
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3/11

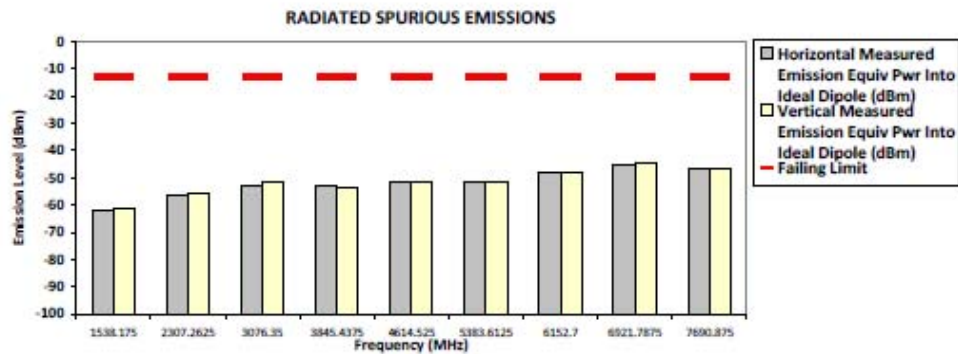
Exhibit 6F- 51: TRSE Analog – Freq 769.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Analog 36.000 Watt(s) /Max Power
 769.087500 MHz 12.5 kHz

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.1750	-13.0000	-61.9525 **	-61.6508 **
2307.2625	-13.0000	-56.6153 **	-56.0539 **
3076.3500	-13.0000	-52.9468 **	-51.7426 **
3845.4375	-13.0000	-53.2626 **	-53.5570 **
4614.5250	-13.0000	-51.2373 **	-51.2720 **
5383.6125	-13.0000	-51.3112 **	-51.2503 **
6152.7000	-13.0000	-48.3411 **	-48.2116 **
6921.7875	-13.0000	-45.2311 **	-44.7950 **
7690.8750	-13.0000	-46.5616 **	-46.6676 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

5/11

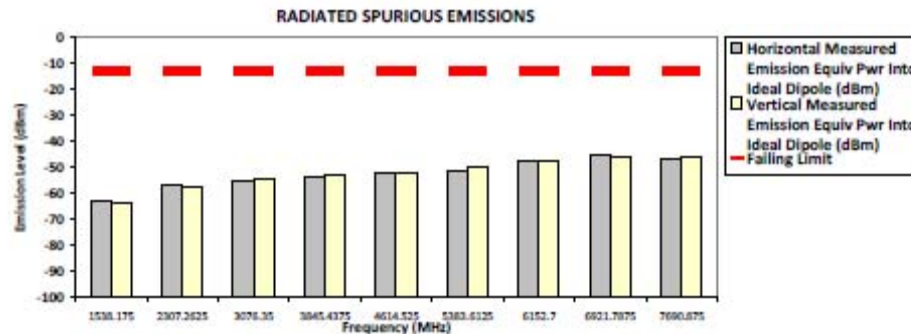
Exhibit 6F- 52: TRSE Analog – Freq 769.0875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: A2492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
Battery Part No: NA Accy Part No: 3466-HMN4079G-1

769.087500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

[illegible]

The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawliman&Nazrin

Sun, Aug 14, 2016

FCC Registration: 772082

Industry Canada: 100AK

Remarks: ** indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 26.6 Hum(%RH): 71.7

System MU: 5.01 dB

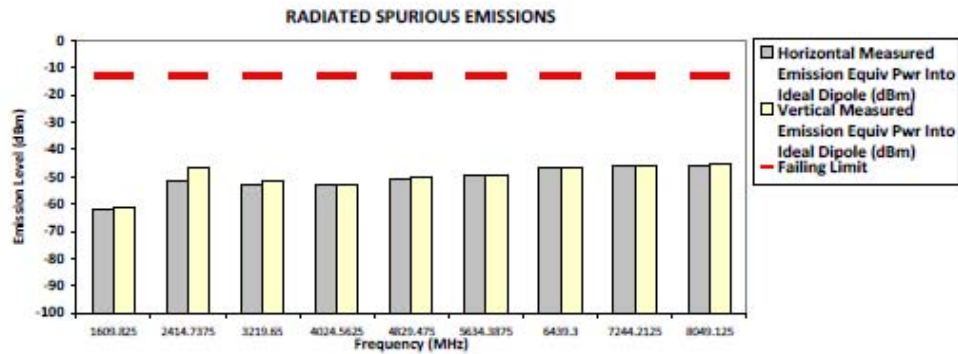
Remarks:	Passed Results	Marginal Results	Failed Results
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Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Analog
 804.912500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1609.8250	-13.0000	-61.9137 **	-61.4006 **
2414.7375	-13.0000	-51.3300 *	-46.7600 *
3219.6500	-13.0000	-52.8951 **	-51.3375 **
4024.5625	-13.0000	-52.6385 **	-52.6125 **
4829.4750	-13.0000	-51.2024 **	-50.4844 **
5634.3875	-13.0000	-49.5680 **	-49.4874 **
6439.3000	-13.0000	-47.0285 **	-46.8905 **
7244.2125	-13.0000	-46.0784 **	-46.0254 **
8049.1250	-13.0000	-46.3546 **	-45.4138 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24.1 Hum(%RH): 69.1

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

11/11

Exhibit 6F- 54: TRSE Analog – Freq 804.9125 MHz, Ch Sp 12.5 kHz

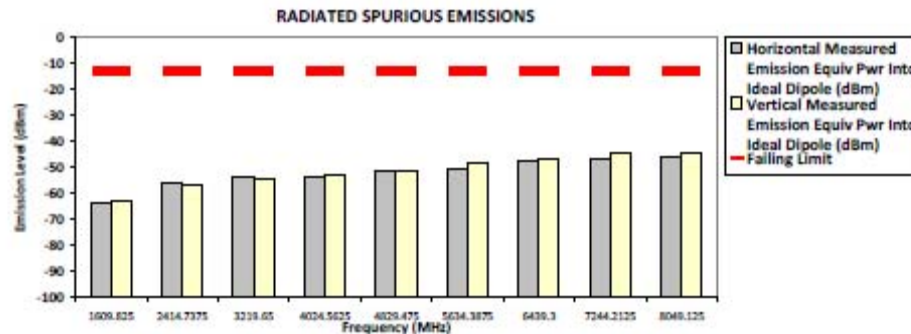
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

804.912500 MHz 12.5 kHz Test Mode: TX Analog 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.8250	-13.0000	-63.6291 **	-62.7061 **
2414.7375	-13.0000	-55.9330 **	-56.9660 **
3219.6500	-13.0000	-53.9515 **	-54.3132 **
4024.5625	-13.0000	-54.0291 **	-53.1181 **
4829.4750	-13.0000	-51.2286 **	-51.6438 **
5634.3875	-13.0000	-50.2798 **	-47.9624 **
6439.3000	-13.0000	-47.1845 **	-46.7925 **
7244.2125	-13.0000	-46.4355 **	-44.7916 **
8049.1250	-13.0000	-45.9496 **	-44.7432 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Sun, Aug 14, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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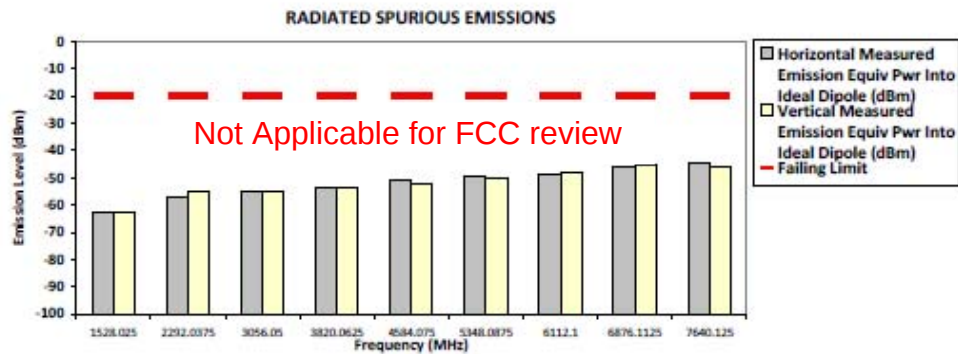
Exhibit 6F- 55: TRSE Analog 1 Watt – Freq 804.9125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 764.012500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1528.0250	-20.0000	-62.7178 **	-62.3573 **
2292.0375	-20.0000	-57.0912 **	-55.3715 **
3056.0500	-20.0000	-54.8403 **	-54.9821 **
3820.0625	-20.0000	-53.8566 **	-53.5354 **
4584.0750	-20.0000	-50.9206 **	-52.1466 **
5348.0875	-20.0000	-49.8291 **	-49.9872 **
6112.1000	-20.0000	-48.6446 **	-48.2252 **
6876.1125	-20.0000	-46.2022 **	-45.4595 **
7640.1250	-20.0000	-44.8029 **	-46.1581 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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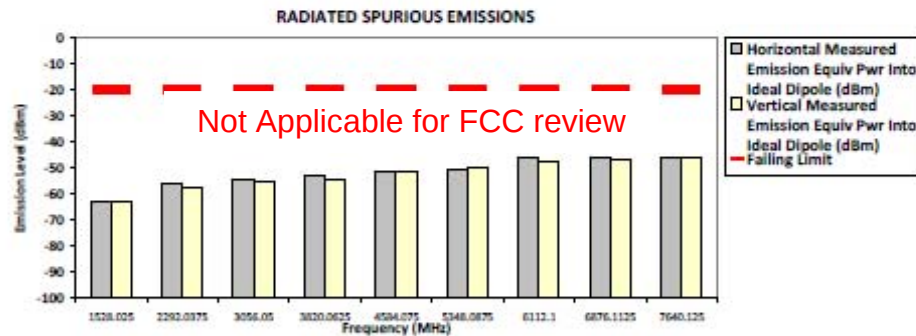
Exhibit 6F- 56: TRSE Digital C4FM – Freq 764.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS59PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 764.012500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1528.0250	-20.0000	-63.0797 **	-62.9787 **
2292.0375	-20.0000	-55.7120 **	-57.5857 **
3056.0500	-20.0000	-54.5872 **	-55.3607 **
3820.0625	-20.0000	-52.5594 **	-54.1279 **
4584.0750	-20.0000	-51.5842 **	-51.5966 **
5348.0875	-20.0000	-50.6518 **	-50.0178 **
6112.1000	-20.0000	-46.3081 **	-47.6805 **
6876.1125	-20.0000	-45.8370 **	-46.5016 **
7640.1250	-20.0000	-45.7938 **	-46.1688 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Sun, Aug 14, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

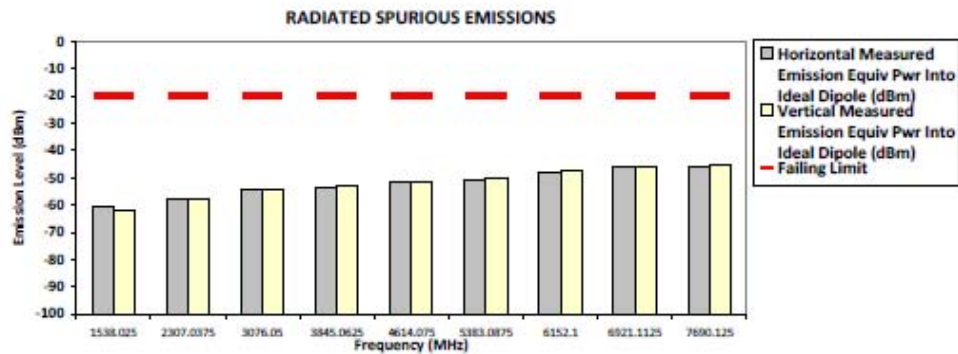
1/11

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 769.012500 MHz 12.5 kHz 2.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.0250	-20.0000	-60.6898 **	-62.2581 **
2307.0375	-20.0000	-57.7461 **	-58.0838 **
3076.0500	-20.0000	-54.1080 **	-54.6919 **
3845.0625	-20.0000	-53.3938 **	-52.6621 **
4614.0750	-20.0000	-51.6054 **	-51.3854 **
5383.0875	-20.0000	-51.0567 **	-50.1911 **
6152.1000	-20.0000	-48.1792 **	-47.4836 **
6921.1125	-20.0000	-46.3464 **	-45.7806 **
7690.1250	-20.0000	-46.1687 **	-45.5756 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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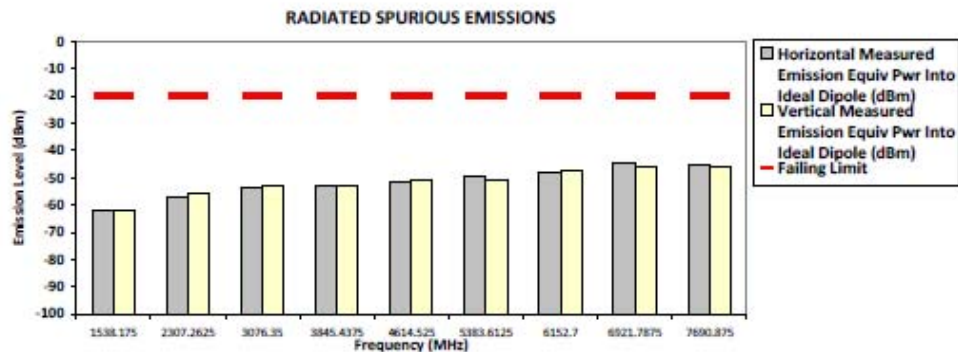
Exhibit 6F- 58: TRSE Digital C4FM – Freq 769.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 769.087500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.1750	-20.0000	-62.0001 **	-61.8791 **
2307.2625	-20.0000	-57.0727 **	-55.9841 **
3076.3500	-20.0000	-53.8487 **	-52.8857 **
3845.4375	-20.0000	-52.9237 **	-53.0789 **
4614.5250	-20.0000	-51.3821 **	-50.9219 **
5383.6125	-20.0000	-49.3444 **	-50.6139 **
6152.7000	-20.0000	-48.1483 **	-47.4012 **
6921.7875	-20.0000	-44.6536 **	-46.1506 **
7690.8750	-20.0000	-45.5196 **	-46.0974 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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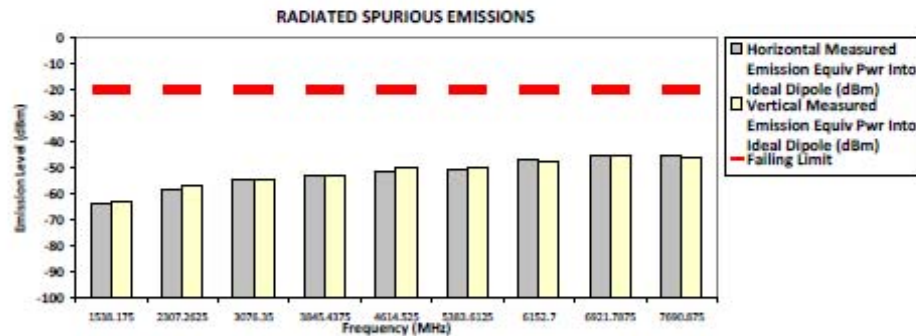
Exhibit 6F- 59: TRSE Digital C4FM – Freq 769.0875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS59PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 769.087500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.1750	-20.0000	-63.3165 **	-62.6266 **
2307.2625	-20.0000	-58.0917 **	-56.8631 **
3076.3500	-20.0000	-54.3354 **	-54.1183 **
3845.4375	-20.0000	-53.2366 **	-52.9736 **
4614.5250	-20.0000	-51.4863 **	-50.0822 **
5383.6125	-20.0000	-50.4451 **	-49.7529 **
6152.7000	-20.0000	-46.4196 **	-47.5677 **
6921.7875	-20.0000	-45.3433 **	-45.5974 **
7690.8750	-20.0000	-45.0944 **	-45.7251 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Sun, Aug 14, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

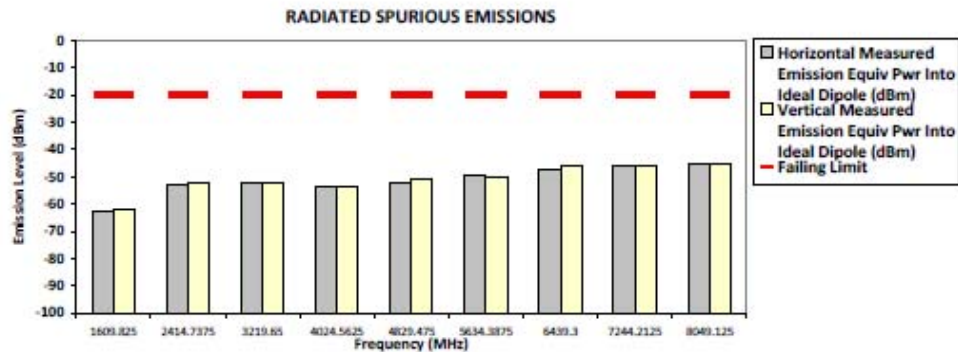
4/11

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 804.912500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1609.8250	-20.0000	-62.3854 **	-61.8149 **
2414.7375	-20.0000	-53.0873 **	-52.5840 **
3219.6500	-20.0000	-52.4707 **	-51.9267 **
4024.5625	-20.0000	-53.7380 **	-53.5583 **
4829.4750	-20.0000	-52.0169 **	-50.8429 **
5634.3875	-20.0000	-49.4084 **	-50.0986 **
6439.3000	-20.0000	-47.4575 **	-45.8427 **
7244.2125	-20.0000	-45.8338 **	-46.2579 **
8049.1250	-20.0000	-45.1386 **	-45.1163 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

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Exhibit 6F- 61: TRSE Digital C4FM – Freq 804.9125 MHz, Ch Sp 12.5 kHz

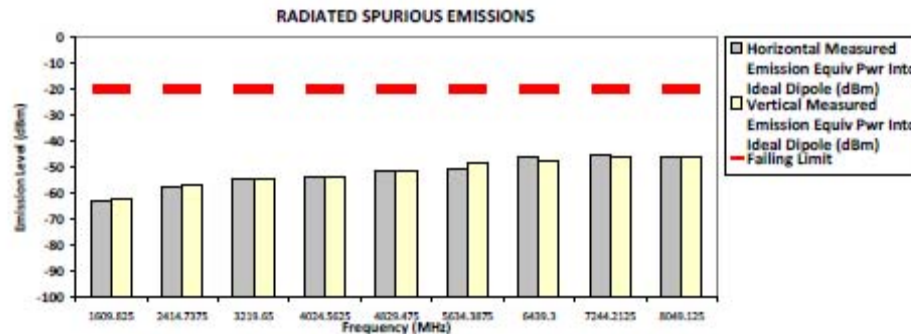
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital

804.912500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm)
1609.8250	-20.0000	-62.7615 **	-62.3550 **
2414.7375	-20.0000	-57.1834 **	-56.8400 **
3219.6500	-20.0000	-54.6450 **	-54.3583 **
4024.5625	-20.0000	-53.4028 **	-53.4774 **
4829.4750	-20.0000	-51.1409 **	-50.9975 **
5634.3875	-20.0000	-50.2605 **	-48.5862 **
6439.3000	-20.0000	-46.2962 **	-47.4374 **
7244.2125	-20.0000	-45.6206 **	-46.0795 **
8049.1250	-20.0000	-46.2132 **	-46.3098 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Sun, Aug 14, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

10/11

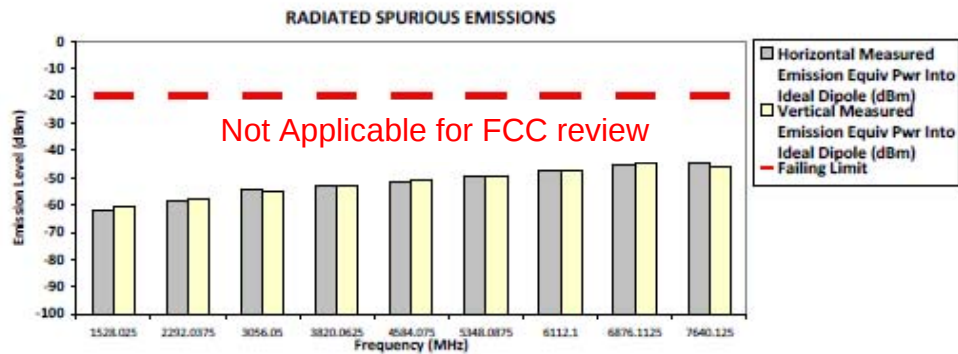
Exhibit 6F- 62: TRSE Digital C4FM 1 Watt – Freq 804.9125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 764.012500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1528.0250	-20.0000	-61.9073 **	-60.7019 **
2292.0375	-20.0000	-58.3648 **	-57.6023 **
3056.0500	-20.0000	-54.1364 **	-54.9584 **
3820.0625	-20.0000	-52.7170 **	-52.7174 **
4584.0750	-20.0000	-51.4018 **	-51.0779 **
5348.0875	-20.0000	-49.8141 **	-49.4967 **
6112.1000	-20.0000	-47.7085 **	-47.6373 **
6876.1125	-20.0000	-45.2193 **	-44.5721 **
7640.1250	-20.0000	-44.9368 **	-46.2044 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

2/11

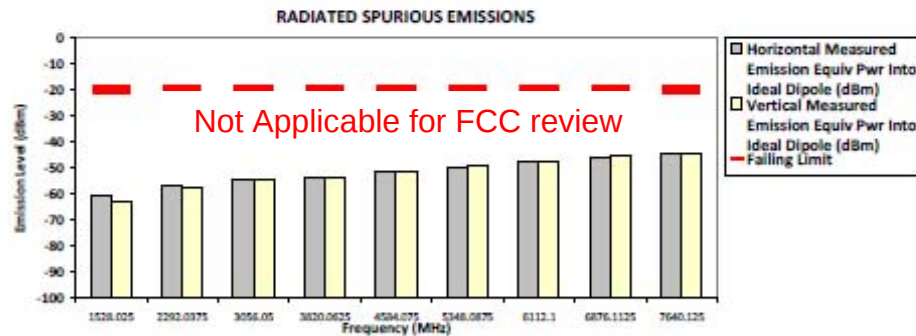
Exhibit 6F- 63: TRSE Phase II – Freq 764.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS59PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 764.012500 MHz 12.5 kHz 1.000 Watt(s) / Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1528.0250	-20.0000	-60.7006 **	-62.7451 **
2292.0375	-20.0000	-56.7627 **	-57.2180 **
3056.0500	-20.0000	-54.1603 **	-54.4205 **
3820.0625	-20.0000	-53.8000 **	-53.6276 **
4584.0750	-20.0000	-51.1204 **	-51.0217 **
5348.0875	-20.0000	-50.0135 **	-49.2607 **
6112.1000	-20.0000	-47.8495 **	-47.9195 **
6876.1125	-20.0000	-45.7266 **	-45.4244 **
7640.1250	-20.0000	-44.8377 **	-44.5571 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Thu, Jul 28, 2018

FCC Registration: 772082

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 25.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

1/11

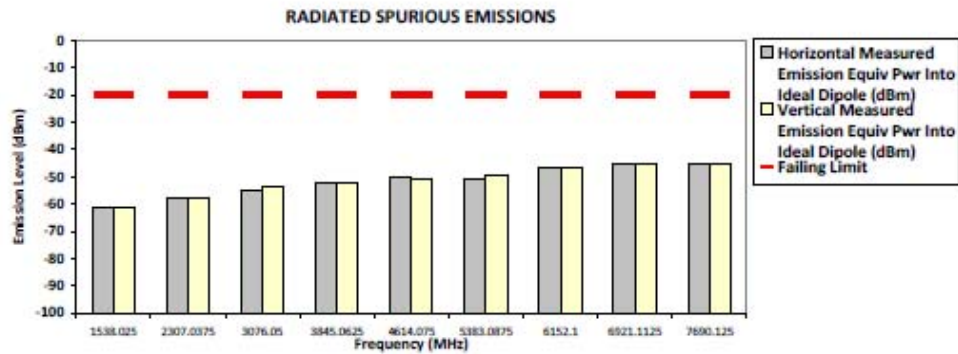
Exhibit 6F- 64: TRSE Phase II 1 Watt – Freq 764.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 769.012500 MHz 12.5 kHz 2.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.0250	-20.0000	-61.3502 **	-61.2417 **
2307.0375	-20.0000	-57.7219 **	-57.7647 **
3076.0500	-20.0000	-54.9946 **	-53.9753 **
3845.0625	-20.0000	-52.3817 **	-52.4809 **
4614.0750	-20.0000	-50.4814 **	-51.2024 **
5383.0875	-20.0000	-50.8063 **	-49.6970 **
6152.1000	-20.0000	-46.8386 **	-47.0100 **
6921.1125	-20.0000	-45.0156 **	-45.5351 **
7690.1250	-20.0000	-45.2913 **	-45.4294 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

3/11

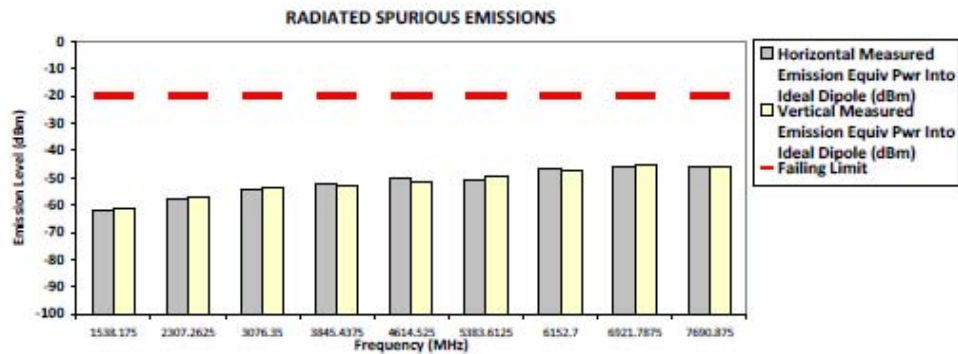
Exhibit 6F- 65: TRSE Phase II – Freq 769.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 769.087500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.1750	-20.0000	-62.2648 **	-61.5297 **
2307.2625	-20.0000	-57.8364 **	-57.1940 **
3076.3500	-20.0000	-54.3018 **	-53.9954 **
3845.4375	-20.0000	-52.3406 **	-52.9091 **
4614.5250	-20.0000	-50.5269 **	-51.5936 **
5383.6125	-20.0000	-51.0325 **	-49.3379 **
6152.7000	-20.0000	-47.0280 **	-47.4850 **
6921.7875	-20.0000	-46.2005 **	-45.2764 **
7690.8750	-20.0000	-45.9067 **	-45.7795 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

5/11

Exhibit 6F- 66: TRSE Phase II – Freq 769.0875 MHz, Ch Sp 12.5 kHz

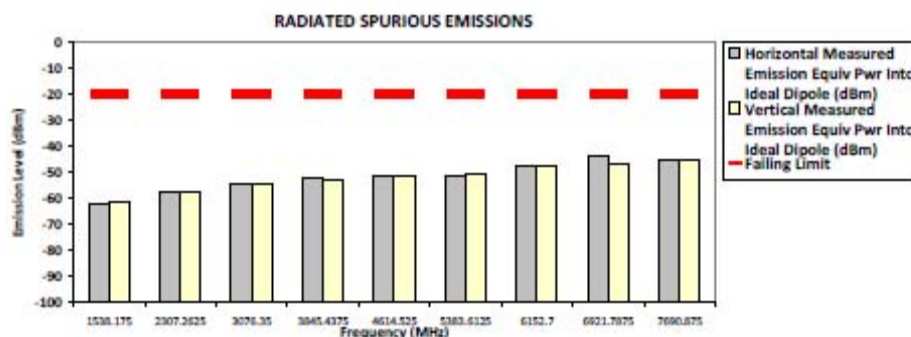
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

Test Mode: TX Phase II Digital
 769.087500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1538.1750	-20.0000	-62.0012 **	-61.2668 **
2307.2625	-20.0000	-57.5178 **	-57.3456 **
3076.3500	-20.0000	-54.6652 **	-54.7294 **
3845.4375	-20.0000	-52.0173 **	-53.0466 **
4614.5250	-20.0000	-51.3335 **	-51.4162 **
5383.6125	-20.0000	-50.9764 **	-50.2363 **
6152.7000	-20.0000	-47.5155 **	-47.6295 **
6921.7875	-20.0000	-43.8459 **	-46.6923 **
7690.8750	-20.0000	-45.1285 **	-45.4018 **



The data presented here was taken using the substitution method as found in the TIA/EIA-803D document.

Motorola Penang EMC Lab - Test Performed by: Gawiman&Nazrin

Thu, Jul 28, 2018

FCC Registration: 772092

Industry Canada: 108AK

Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported

Temp(Deg): 26.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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4/11

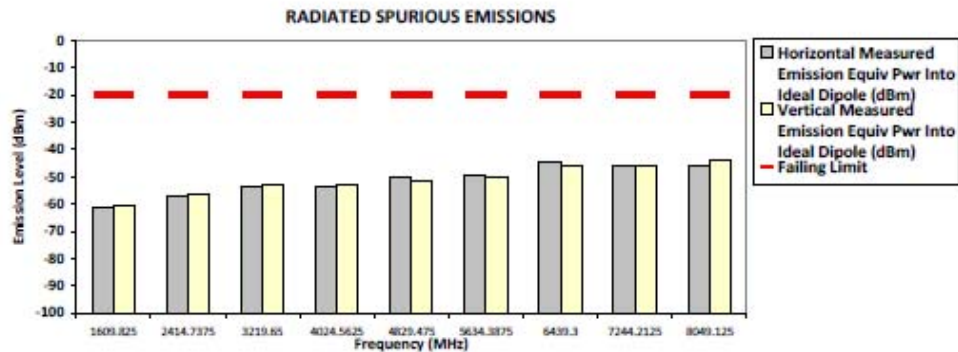
Exhibit 6F- 67: TRSE Phase II 1 Watt – Freq 769.0875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 804.912500 MHz 12.5 kHz 36.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1609.8250	-20.0000	-61.3425 **	-60.4279 **
2414.7375	-20.0000	-56.7644 **	-56.2982 **
3219.6500	-20.0000	-53.8044 **	-53.3061 **
4024.5625	-20.0000	-53.5820 **	-53.1604 **
4829.4750	-20.0000	-50.3272 **	-51.4371 **
5634.3875	-20.0000	-49.1294 **	-49.9551 **
6439.3000	-20.0000	-44.3917 **	-45.8966 **
7244.2125	-20.0000	-46.0211 **	-45.7797 **
8049.1250	-20.0000	-46.2670 **	-44.2536 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

11/11

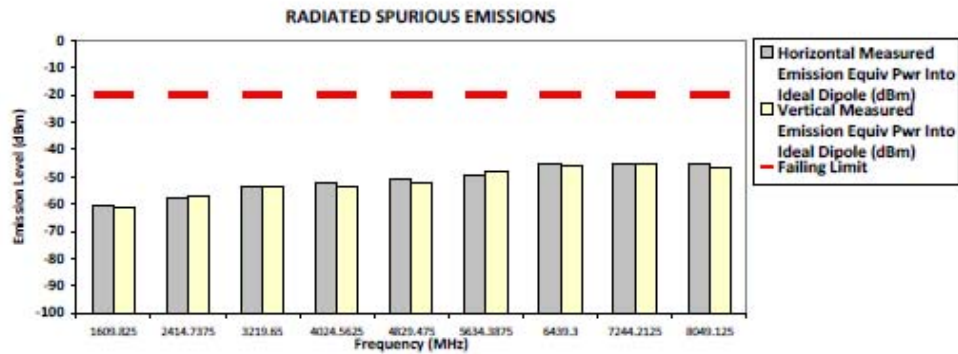
Exhibit 6F- 68: TRSE Phase II – Freq 804.9125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 804.912500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1609.8250	-20.0000	-60.9814 **	-61.5137 **
2414.7375	-20.0000	-57.5541 **	-57.3268 **
3219.6500	-20.0000	-53.8469 **	-53.3934 **
4024.5625	-20.0000	-52.2525 **	-53.8239 **
4829.4750	-20.0000	-50.8788 **	-52.0655 **
5634.3875	-20.0000	-49.7525 **	-48.3289 **
6439.3000	-20.0000	-45.6484 **	-46.1844 **
7244.2125	-20.0000	-45.7027 **	-45.5265 **
8049.1250	-20.0000	-45.7104 **	-46.5141 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawtman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

10/11

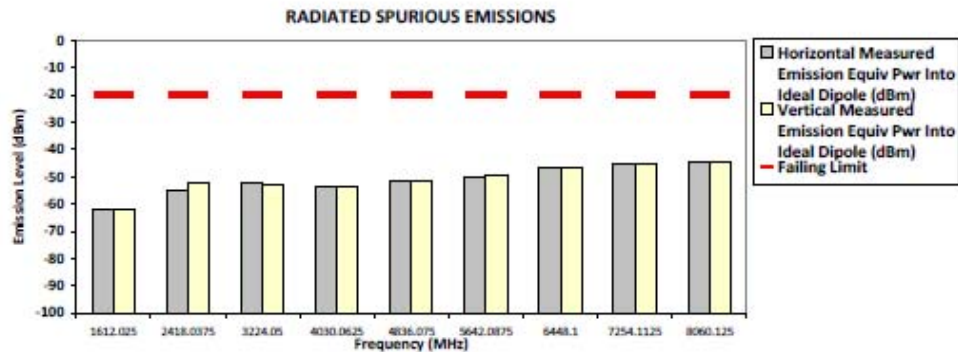
Exhibit 6F- 69: TRSE Phase II 1 Watt – Freq 804.9125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 806.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1612.0250	-20.0000	-61.8358 **	-61.6853 **
2418.0375	-20.0000	-54.8945 **	-52.5070 **
3224.0500	-20.0000	-52.0673 **	-52.6084 **
4030.0625	-20.0000	-53.3617 **	-53.7026 **
4836.0750	-20.0000	-51.8385 **	-51.3526 **
5642.0875	-20.0000	-50.5194 **	-49.6786 **
6448.1000	-20.0000	-46.8451 **	-46.7860 **
7254.1125	-20.0000	-43.0457 **	-44.9557 **
8060.1250	-20.0000	-44.3966 **	-44.5946 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

2/12

Exhibit 6F- 70: TRSE Digital C4FM – Freq 806.0125 MHz, Ch Sp 12.5 kHz

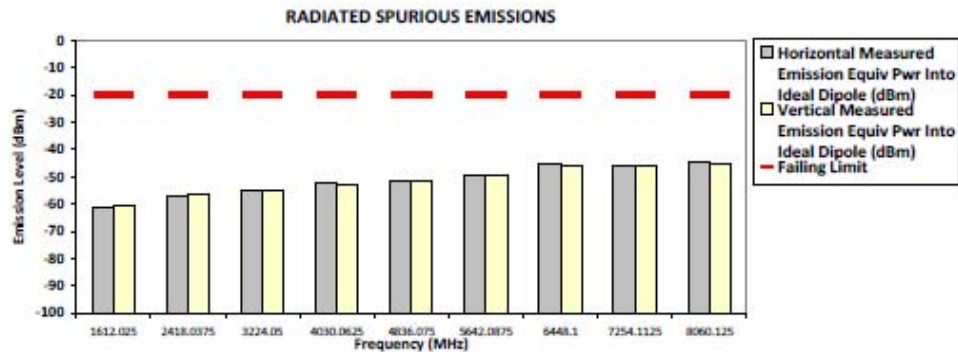
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

806.012500 MHz 12.5 kHz Test Mode: TX Digital 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1612.0250	-20.0000	-61.1691 **	-60.8856 **
2418.0375	-20.0000	-57.0951 **	-56.5952 **
3224.0500	-20.0000	-55.2386 **	-55.0154 **
4030.0625	-20.0000	-52.5403 **	-52.9839 **
4836.0750	-20.0000	-51.6816 **	-51.7719 **
5642.0875	-20.0000	-49.7103 **	-49.5407 **
6448.1000	-20.0000	-45.6965 **	-45.7802 **
7254.1125	-20.0000	-45.8895 **	-46.0352 **
8060.1250	-20.0000	-44.7976 **	-45.2587 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

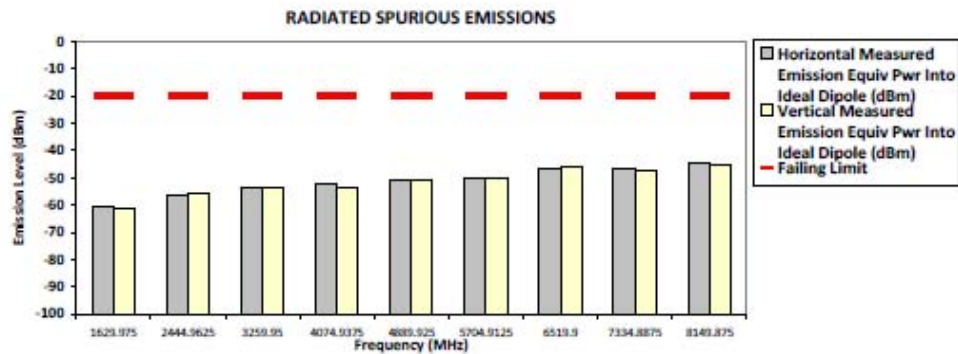
1/12

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 814.987500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1629.9750	-20.0000	-60.7123 **	-61.0053 **
2444.9625	-20.0000	-56.6082 **	-55.4228 **
3259.9500	-20.0000	-53.7261 **	-53.8872 **
4074.9375	-20.0000	-52.0800 **	-53.9262 **
4889.9250	-20.0000	-51.0048 **	-51.1177 **
5704.9125	-20.0000	-50.4726 **	-49.8794 **
6519.9000	-20.0000	-46.4420 **	-46.1537 **
7334.8875	-20.0000	-46.4322 **	-47.1460 **
8149.8750	-20.0000	-44.5064 **	-45.5480 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

4/12

Exhibit 6F- 72: TRSE Digital C4FM – Freq 814.9875 MHz, Ch Sp 12.5 kHz

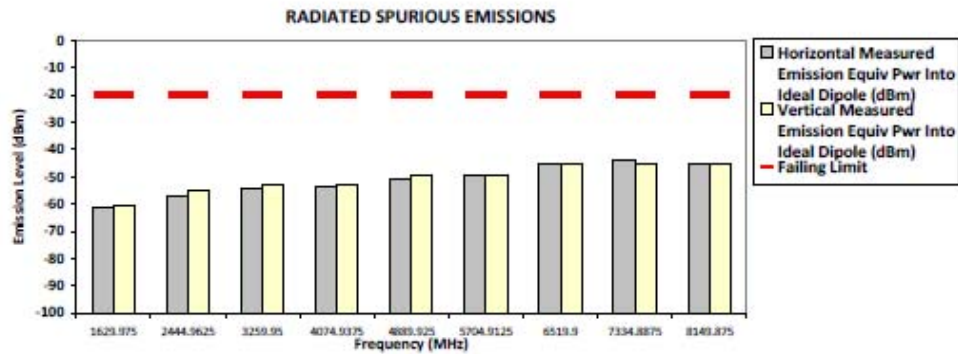
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

814.987500 MHz 12.5 kHz Test Mode: TX Digital 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1629.9750	-20.0000	-61.2981 **	-60.3036 **
2444.9625	-20.0000	-57.2612 **	-54.7190 **
3259.9500	-20.0000	-54.0767 **	-52.8788 **
4074.9375	-20.0000	-53.5220 **	-53.3011 **
4889.9250	-20.0000	-50.9073 **	-49.8564 **
5704.9125	-20.0000	-49.6156 **	-49.7925 **
6519.9000	-20.0000	-45.6848 **	-45.7027 **
7334.8875	-20.0000	-44.1685 **	-45.1911 **
8149.8750	-20.0000	-45.5163 **	-45.6582 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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3/12

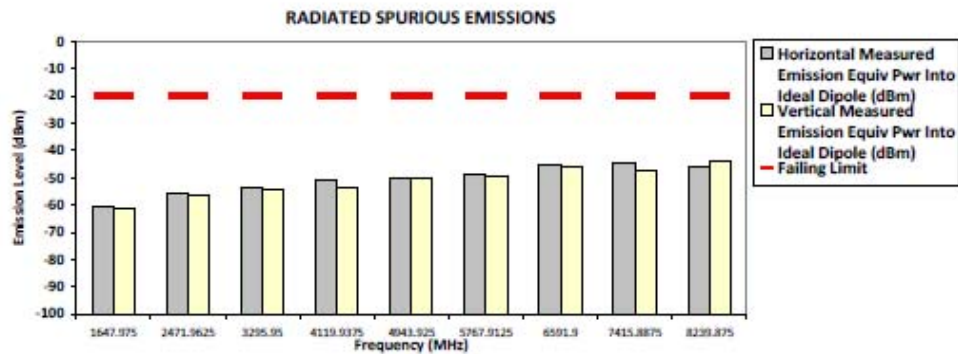
Exhibit 6F- 73: TRSE Digital C4FM 1 Watt – Freq 814.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 823.987500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1647.9750	-20.0000	-60.3766 **	-61.5450 **
2471.9625	-20.0000	-55.9156 **	-56.5061 **
3295.9500	-20.0000	-53.7237 **	-54.2659 **
4119.9375	-20.0000	-51.1560 **	-53.4131 **
4943.9250	-20.0000	-50.4366 **	-50.5472 **
5767.9125	-20.0000	-49.0153 **	-49.3965 **
6591.9000	-20.0000	-45.2075 **	-45.7798 **
7415.8875	-20.0000	-44.4115 **	-47.3579 **
8239.8750	-20.0000	-45.8380 **	-43.8864 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

6/12

Exhibit 6F- 74: TRSE Digital C4FM – Freq 823.9875 MHz, Ch Sp 12.5 kHz

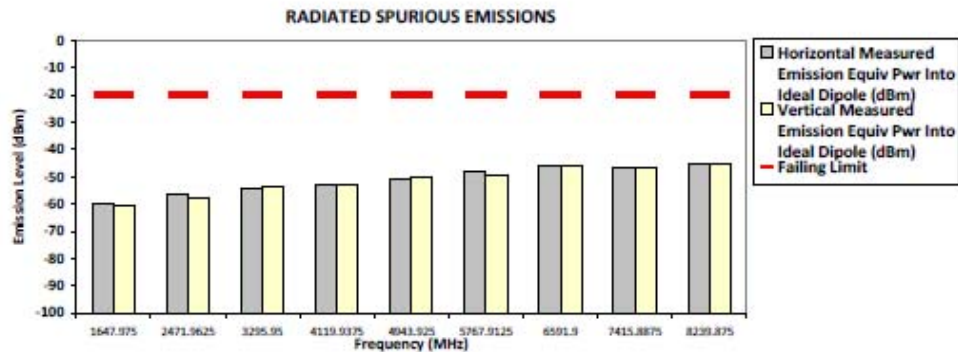
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

823.987500 MHz 12.5 kHz Test Mode: TX Digital 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1647.9750	-20.0000	-60.0798 **	-60.8246 **
2471.9625	-20.0000	-56.6857 **	-57.5250 **
3295.9500	-20.0000	-54.1332 **	-53.3877 **
4119.9375	-20.0000	-52.7064 **	-52.8603 **
4943.9250	-20.0000	-51.1115 **	-50.4693 **
5767.9125	-20.0000	-48.0134 **	-49.1379 **
6591.9000	-20.0000	-46.0588 **	-46.2667 **
7415.8875	-20.0000	-46.5691 **	-46.4749 **
8239.8750	-20.0000	-45.0328 **	-45.0586 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

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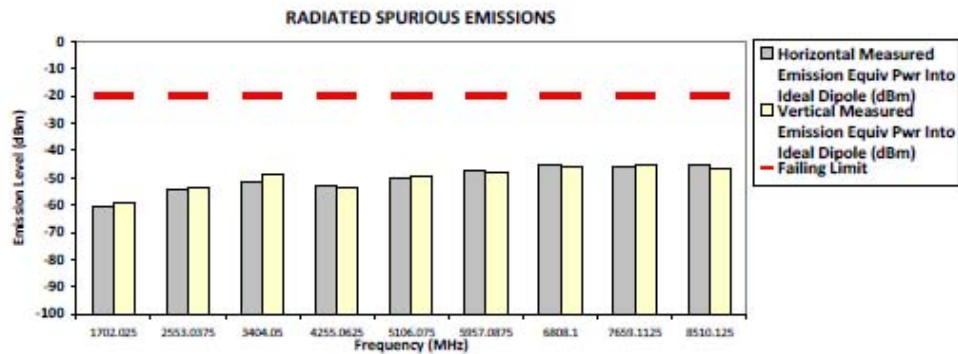
Exhibit 6F- 75: TRSE Digital C4FM 1 Watt – Freq 823.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 851.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1702.0250	-20.0000	-60.7510 **	-59.4013 **
2553.0375	-20.0000	-54.3347 **	-53.3721 **
3404.0500	-20.0000	-51.8109 **	-48.5120 **
4255.0625	-20.0000	-53.3285 **	-53.8078 **
5106.0750	-20.0000	-50.2718 **	-49.7669 **
5957.0875	-20.0000	-47.2701 **	-47.8576 **
6808.1000	-20.0000	-45.5248 **	-46.3805 **
7659.1125	-20.0000	-45.8524 **	-45.3137 **
8510.1250	-20.0000	-45.2802 **	-46.4857 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

8/12

Exhibit 6F- 76: TRSE Digital C4FM – Freq 851.0125 MHz, Ch Sp 12.5 kHz

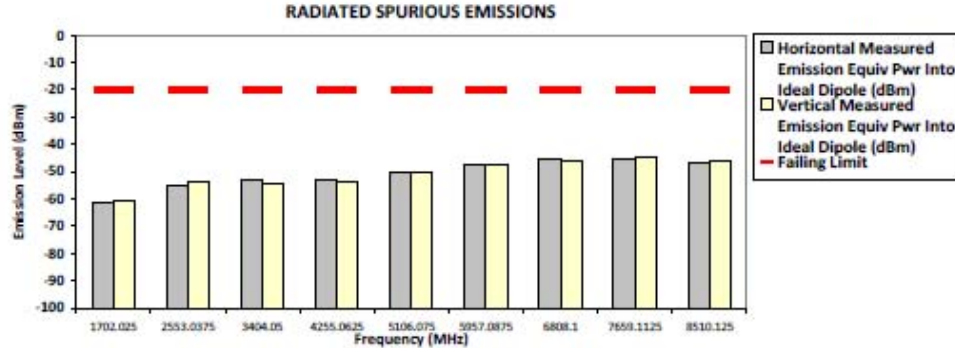
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital

851.012500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1702.0250	-20.0000	-61.1965 **	-60.5206 **
2553.0375	-20.0000	-55.1708 **	-54.1060 **
3404.0500	-20.0000	-53.0896 **	-54.2948 **
4255.0625	-20.0000	-53.3073 **	-53.6465 **
5106.0750	-20.0000	-50.0200 **	-50.1106 **
5957.0875	-20.0000	-47.6073 **	-47.3847 **
6808.1000	-20.0000	-45.7541 **	-46.3816 **
7659.1125	-20.0000	-45.2516 **	-44.8096 **
8510.1250	-20.0000	-46.3361 **	-46.0222 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

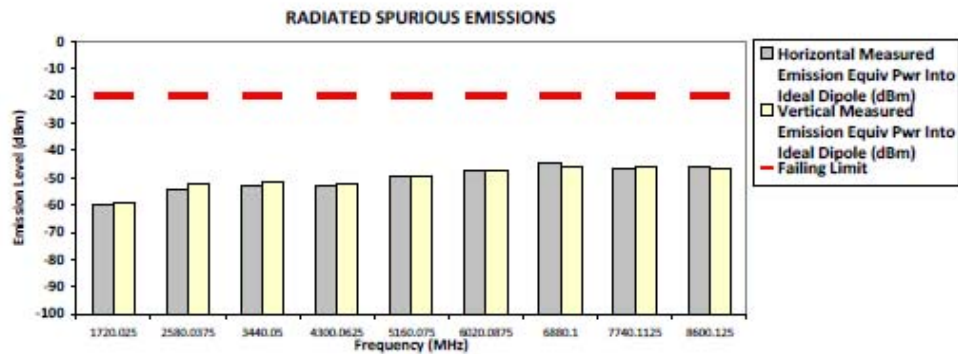
Passed Results	Marginal Results	Failed Results
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Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 860.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1720.0250	-20.0000	-60.1267 **	-58.8889 **
2580.0375	-20.0000	-54.4893 **	-52.5455 **
3440.0500	-20.0000	-52.7041 **	-51.3368 **
4300.0625	-20.0000	-53.3396 **	-52.2295 **
5160.0750	-20.0000	-49.2037 **	-49.7069 **
6020.0875	-20.0000	-47.4895 **	-47.2535 **
6880.1000	-20.0000	-44.6641 **	-45.7458 **
7740.1125	-20.0000	-46.4045 **	-45.7981 **
8600.1250	-20.0000	-45.8462 **	-46.9469 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

10/12

Exhibit 6F- 78: TRSE Digital C4FM – Freq 860.0125 MHz, Ch Sp 12.5 kHz

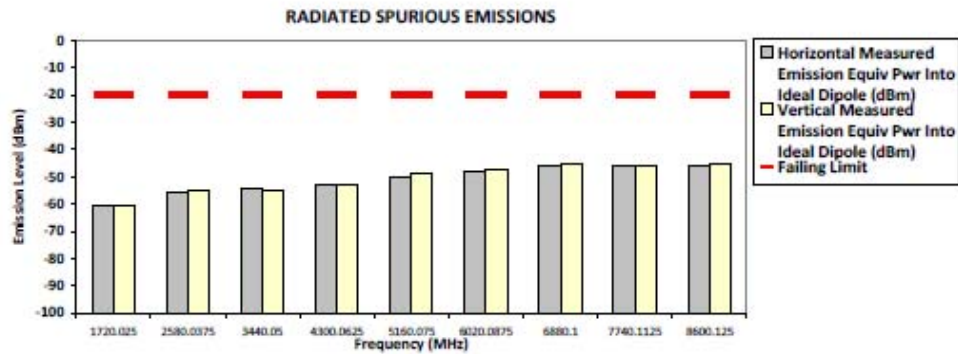
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

860.012500 MHz 12.5 kHz Test Mode: TX Digital 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1720.0250	-20.0000	-60.8142 **	-60.3175 **
2580.0375	-20.0000	-55.6821 **	-55.1259 **
3440.0500	-20.0000	-54.1052 **	-54.7694 **
4300.0625	-20.0000	-53.1361 **	-53.0495 **
5160.0750	-20.0000	-50.0939 **	-49.0692 **
6020.0875	-20.0000	-47.9971 **	-47.3745 **
6880.1000	-20.0000	-45.9215 **	-45.1915 **
7740.1125	-20.0000	-46.1946 **	-45.9089 **
8600.1250	-20.0000	-46.2261 **	-45.5789 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

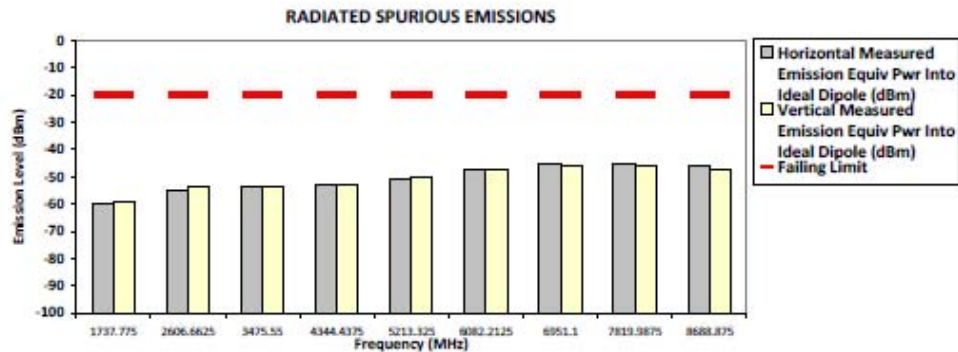
9/12

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital
 868.887500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1737.7750	-20.0000	-60.1388 **	-59.1074 **
2606.6625	-20.0000	-55.0978 **	-53.6058 **
3475.5500	-20.0000	-54.0013 **	-53.3812 **
4344.4375	-20.0000	-53.1013 **	-53.2812 **
5213.3250	-20.0000	-50.7472 **	-50.1310 **
6082.2125	-20.0000	-47.3160 **	-47.5251 **
6951.1000	-20.0000	-45.4401 **	-46.3051 **
7819.9875	-20.0000	-45.2372 **	-46.1491 **
8688.8750	-20.0000	-46.2662 **	-47.1067 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

12/12

Exhibit 6F- 80: TRSE Digital C4FM – Freq 868.8875 MHz, Ch Sp 12.5 kHz

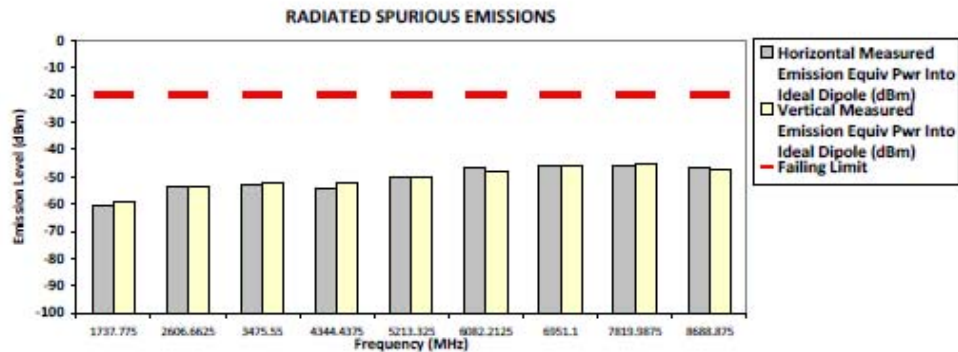
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

868.887500 MHz 12.5 kHz Test Mode: TX Digital 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1737.7750	-20.0000	-60.3480 **	-59.0061 **
2606.6625	-20.0000	-53.7777 **	-54.0261 **
3475.5500	-20.0000	-52.7403 **	-51.9197 **
4344.4375	-20.0000	-54.1863 **	-52.2562 **
5213.3250	-20.0000	-49.9412 **	-50.0863 **
6082.2125	-20.0000	-46.7446 **	-48.0915 **
6951.1000	-20.0000	-45.7210 **	-46.0207 **
7819.9875	-20.0000	-45.7701 **	-45.5648 **
8688.8750	-20.0000	-46.5705 **	-47.2702 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 24 Hum(%RH): 71.3

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

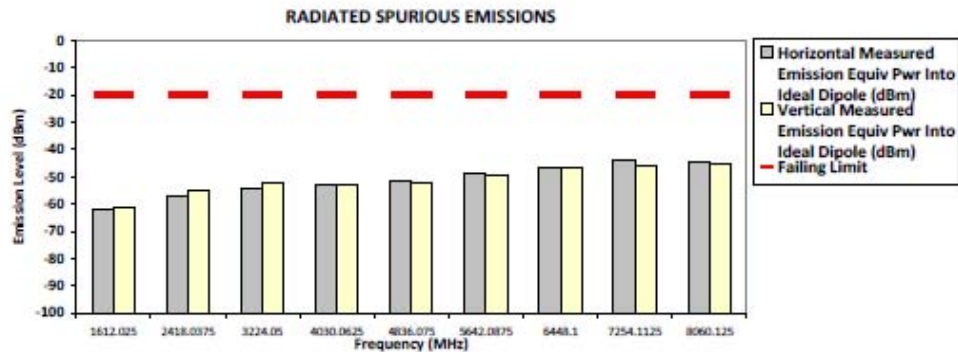
11/12

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 806.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1612.0250	-20.0000	-61.8048 **	-61.4173 **
2418.0375	-20.0000	-57.0185 **	-54.7651 **
3224.0500	-20.0000	-54.0756 **	-52.2817 **
4030.0625	-20.0000	-53.2382 **	-53.0693 **
4836.0750	-20.0000	-51.7037 **	-52.4917 **
5642.0875	-20.0000	-49.1084 **	-49.8624 **
6448.1000	-20.0000	-46.4971 **	-46.9300 **
7254.1125	-20.0000	-44.2513 **	-46.0878 **
8060.1250	-20.0000	-44.3478 **	-45.1253 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

2/12

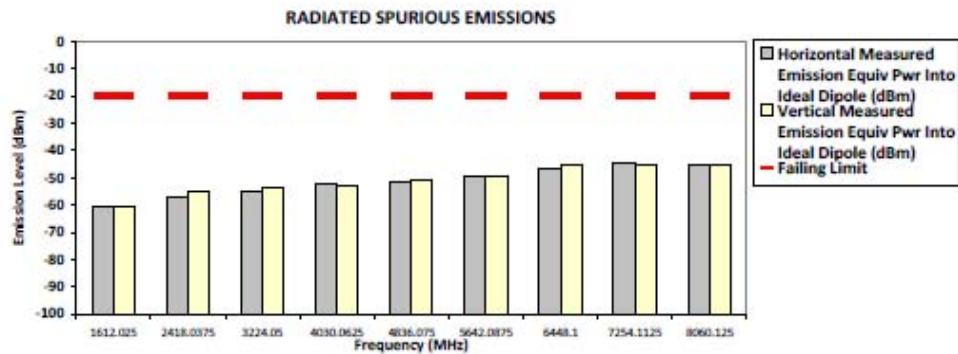
Exhibit 6F- 82: TRSE Phase II – Freq 806.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 806.012500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1612.0250	-20.0000	-60.5414 **	-60.9628 **
2418.0375	-20.0000	-57.2417 **	-55.3273 **
3224.0500	-20.0000	-54.8675 **	-54.0319 **
4030.0625	-20.0000	-52.2195 **	-52.9503 **
4836.0750	-20.0000	-51.3632 **	-50.9716 **
5642.0875	-20.0000	-49.7157 **	-49.6992 **
6448.1000	-20.0000	-46.7703 **	-45.5267 **
7254.1125	-20.0000	-44.9454 **	-45.3787 **
8060.1250	-20.0000	-45.3416 **	-45.2640 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: GawiMan&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

1/12

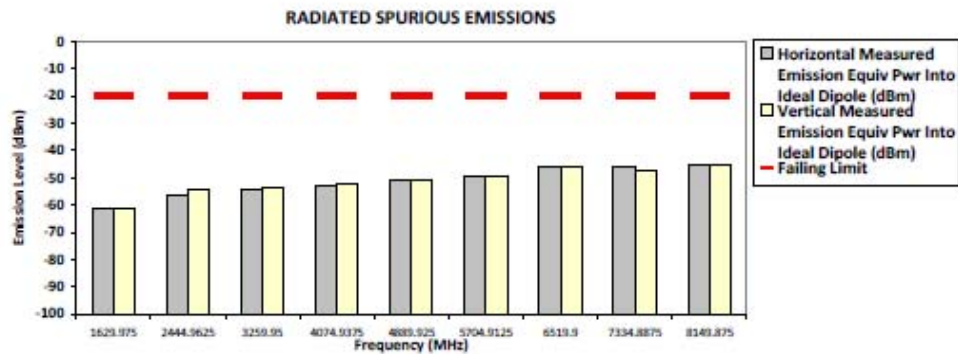
Exhibit 6F- 83: TRSE Phase II 1 Watt – Freq 806.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 814.987500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1629.9750	-20.0000	-61.2578 **	-61.6353 **
2444.9625	-20.0000	-56.2108 **	-54.6545 **
3259.9500	-20.0000	-54.1177 **	-53.4960 **
4074.9375	-20.0000	-53.2143 **	-52.3746 **
4889.9250	-20.0000	-50.6482 **	-51.2152 **
5704.9125	-20.0000	-49.1429 **	-49.3586 **
6519.9000	-20.0000	-46.1994 **	-46.1401 **
7334.8875	-20.0000	-46.3840 **	-47.1766 **
8149.8750	-20.0000	-44.9854 **	-45.6245 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

4/12

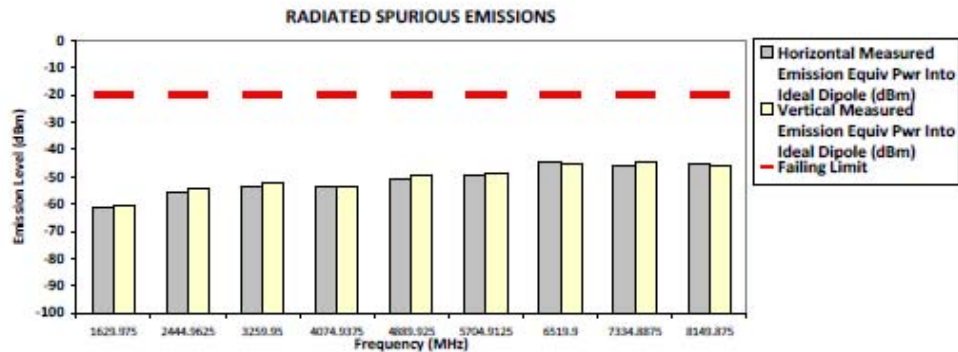
Exhibit 6F- 84: TRSE Phase II – Freq 814.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 814.987500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1629.9750	-20.0000	-61.5735 **	-60.7196 **
2444.9625	-20.0000	-55.3908 **	-54.6914 **
3259.9500	-20.0000	-53.5501 **	-52.5439 **
4074.9375	-20.0000	-53.6653 **	-53.4871 **
4889.9250	-20.0000	-50.6187 **	-49.3149 **
5704.9125	-20.0000	-49.7475 **	-49.0085 **
6519.9000	-20.0000	-44.9292 **	-45.0830 **
7334.8875	-20.0000	-46.0684 **	-44.9408 **
8149.8750	-20.0000	-45.3969 **	-46.0038 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

3/12

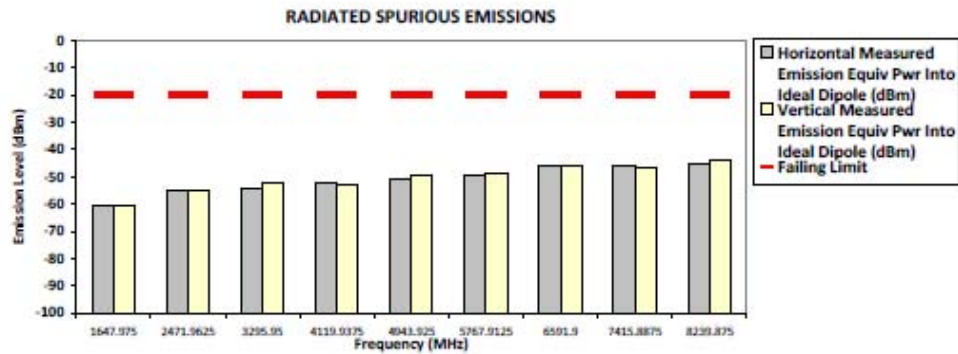
Exhibit 6F- 85: TRSE Phase II 1 Watt – Freq 814.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 823.987500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1647.9750	-20.0000	-60.7229 **	-60.7103 **
2471.9625	-20.0000	-54.9176 **	-55.3557 **
3295.9500	-20.0000	-54.1652 **	-52.4707 **
4119.9375	-20.0000	-52.3261 **	-52.9805 **
4943.9250	-20.0000	-50.9073 **	-49.7102 **
5767.9125	-20.0000	-49.6761 **	-48.8059 **
6591.9000	-20.0000	-46.0827 **	-46.2780 **
7415.8875	-20.0000	-45.9326 **	-46.5238 **
8239.8750	-20.0000	-45.3081 **	-44.1674 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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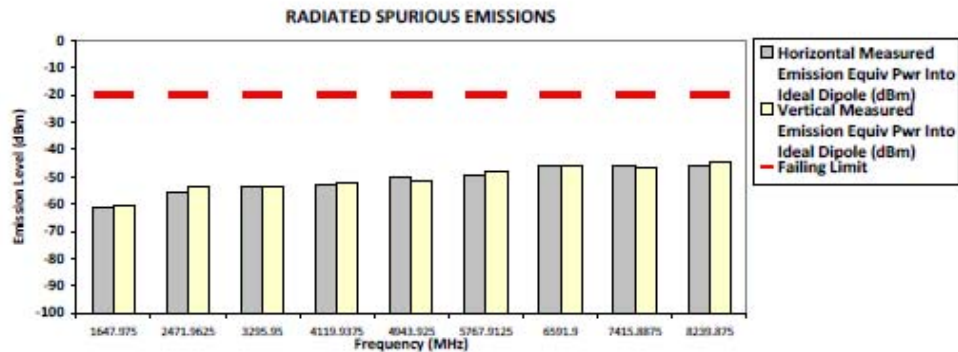
Exhibit 6F- 86: TRSE Phase II – Freq 823.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 823.987500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1647.9750	-20.0000	-61.5130 **	-60.3579 **
2471.9625	-20.0000	-55.9029 **	-53.8102 **
3295.9500	-20.0000	-53.4132 **	-53.6464 **
4119.9375	-20.0000	-52.9339 **	-52.5101 **
4943.9250	-20.0000	-50.2406 **	-51.2885 **
5767.9125	-20.0000	-49.4434 **	-47.9876 **
6591.9000	-20.0000	-45.9799 **	-45.8338 **
7415.8875	-20.0000	-46.2769 **	-46.8186 **
8239.8750	-20.0000	-45.8649 **	-44.9283 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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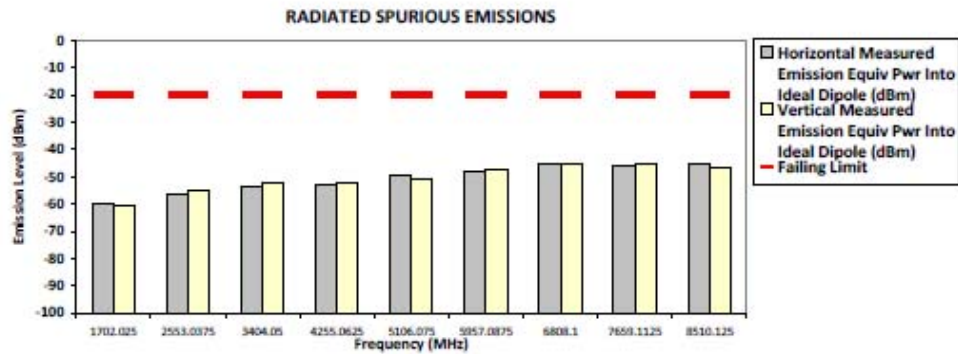
Exhibit 6F- 87: TRSE Phase II 1 Watt – Freq 823.9875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 851.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1702.0250	-20.0000	-59.8887 **	-60.4553 **
2553.0375	-20.0000	-56.1087 **	-54.7566 **
3404.0500	-20.0000	-53.6985 **	-52.1774 **
4255.0625	-20.0000	-52.5970 **	-52.1810 **
5106.0750	-20.0000	-49.6079 **	-50.9938 **
5957.0875	-20.0000	-47.9409 **	-47.6625 **
6808.1000	-20.0000	-45.3002 **	-44.9806 **
7659.1125	-20.0000	-45.8117 **	-45.6072 **
8510.1250	-20.0000	-45.2934 **	-46.5299 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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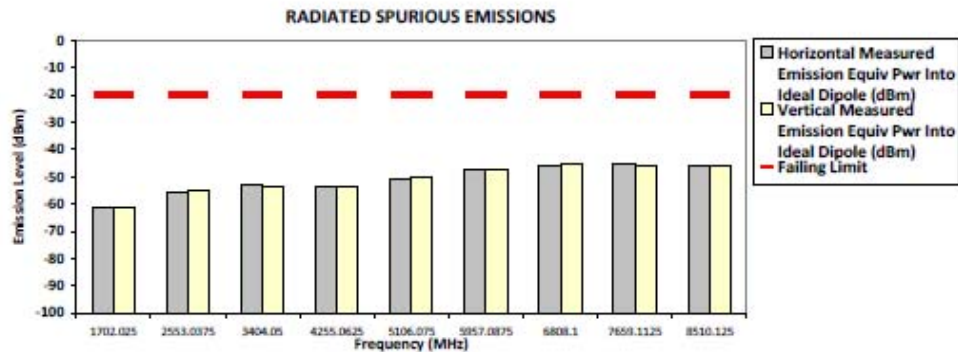
Exhibit 6F- 88: TRSE Phase II – Freq 851.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 851.012500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1702.0250	-20.0000	-61.4640 **	-61.1464 **
2553.0375	-20.0000	-55.9088 **	-54.9804 **
3404.0500	-20.0000	-53.0045 **	-53.6723 **
4255.0625	-20.0000	-53.9440 **	-53.7057 **
5106.0750	-20.0000	-50.6743 **	-50.0141 **
5957.0875	-20.0000	-47.6339 **	-47.3637 **
6808.1000	-20.0000	-45.9701 **	-45.6569 **
7659.1125	-20.0000	-45.5789 **	-45.8227 **
8510.1250	-20.0000	-45.7892 **	-46.0537 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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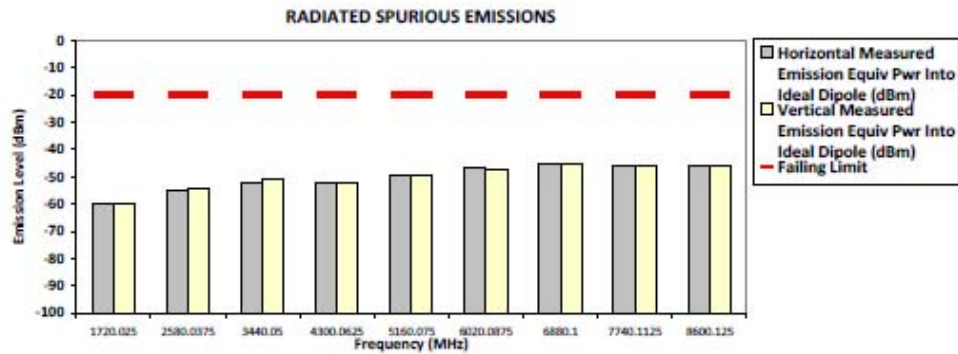
Exhibit 6F- 89: TRSE Phase II 1 Watt – Freq 851.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 860.012500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1720.0250	-20.0000	-60.1419 **	-59.7281 **
2580.0375	-20.0000	-54.8311 **	-54.2427 **
3440.0500	-20.0000	-52.3568 **	-51.1277 **
4300.0625	-20.0000	-52.4612 **	-52.4505 **
5160.0750	-20.0000	-49.5818 **	-49.3101 **
6020.0875	-20.0000	-46.6435 **	-47.2491 **
6880.1000	-20.0000	-44.9582 **	-45.4970 **
7740.1125	-20.0000	-46.2708 **	-46.3069 **
8600.1250	-20.0000	-45.9739 **	-45.8659 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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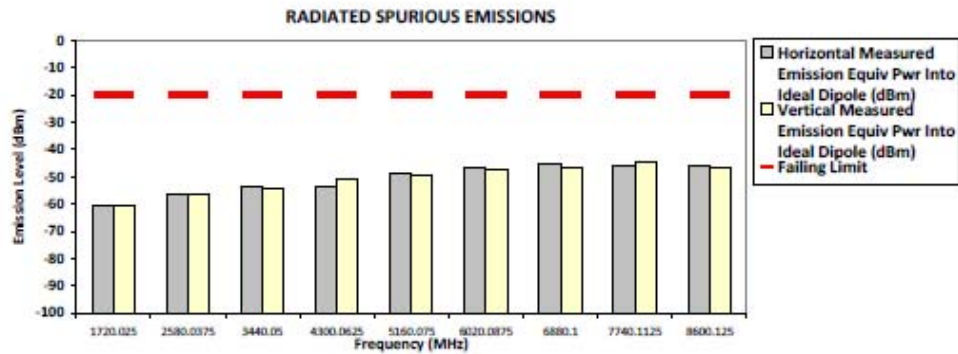
Exhibit 6F- 90: TRSE Phase II – Freq 860.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 860.012500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1720.0250	-20.0000	-60.5516 **	-60.2865 **
2580.0375	-20.0000	-56.1295 **	-56.2485 **
3440.0500	-20.0000	-53.3741 **	-54.3248 **
4300.0625	-20.0000	-53.7081 **	-51.0690 **
5160.0750	-20.0000	-48.6130 **	-49.2843 **
6020.0875	-20.0000	-46.9369 **	-47.3837 **
6880.1000	-20.0000	-45.6374 **	-46.6173 **
7740.1125	-20.0000	-46.2564 **	-44.8309 **
8600.1250	-20.0000	-46.0385 **	-46.4924 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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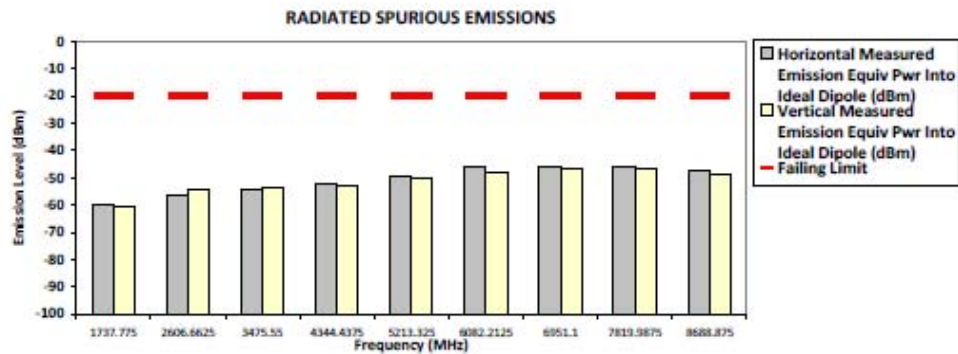
Exhibit 6F- 91: TRSE Phase II 1 Watt – Freq 860.0125 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 868.887500 MHz 12.5 kHz 42.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1737.7750	-20.0000	-59.6834 **	-60.7425 **
2606.6625	-20.0000	-56.3012 **	-54.5341 **
3475.5500	-20.0000	-54.2796 **	-53.6375 **
4344.4375	-20.0000	-52.0981 **	-53.0884 **
5213.3250	-20.0000	-49.5747 **	-50.3825 **
6082.2125	-20.0000	-46.3212 **	-47.9738 **
6951.1000	-20.0000	-46.3395 **	-46.6016 **
7819.9875	-20.0000	-45.9539 **	-46.6392 **
8688.8750	-20.0000	-47.6883 **	-48.4623 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Gawiiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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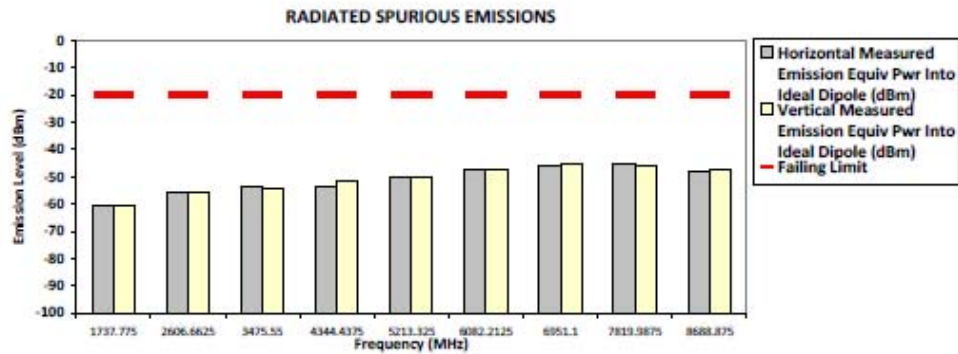
Exhibit 6F- 92: TRSE Phase II – Freq 868.8875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Phase II Digital
 868.887500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1737.7750	-20.0000	-60.6802 **	-60.9186 **
2606.6625	-20.0000	-55.6166 **	-55.7938 **
3475.5500	-20.0000	-53.9804 **	-54.4978 **
4344.4375	-20.0000	-53.5152 **	-51.7758 **
5213.3250	-20.0000	-50.5062 **	-50.4751 **
6082.2125	-20.0000	-47.3779 **	-47.7463 **
6951.1000	-20.0000	-46.0484 **	-45.5581 **
7819.9875	-20.0000	-45.5276 **	-46.1861 **
8688.8750	-20.0000	-47.8359 **	-47.5364 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Thu, Jul 28, 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): 25.6 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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Exhibit 6F- 93: TRSE Phase II 1 Watt – Freq 868.8875 MHz, Ch Sp 12.5 kHz

Model #: M37TSS9PW1AN
Battery Part No: NAS/N: AM3A275
Accy Part No: 3466-HMN4079G-1

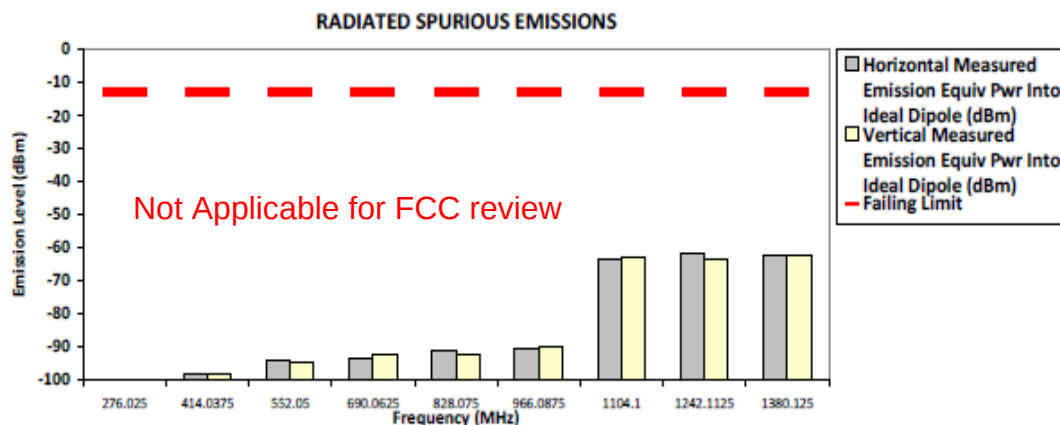
SR:03466-EMC-00003

138.012500 MHz

25 kHz

Test Mode: TX Analog
60.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
276.0250	-13.0000	-101.8074 **	-101.3797 **
414.0375	-13.0000	-98.0613 **	-98.4537 **
552.0500	-13.0000	-94.3340 **	-94.6747 **
690.0625	-13.0000	-93.7302 **	-92.1925 **
828.0750	-13.0000	-90.9999 **	-92.0885 **
966.0875	-13.0000	-90.3951 **	-90.0396 **
1104.1000	-13.0000	-63.3386 **	-62.9929 **
1242.1125	-13.0000	-61.7956 **	-63.3808 **
1380.1250	-13.0000	-62.0561 **	-62.1169 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.

Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin

Sun, Aug 14, 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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks:

Passed Results

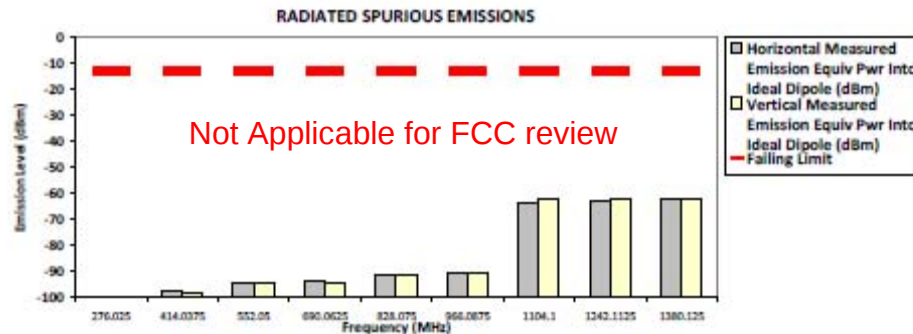
Marginal Results

Failed Results

Exhibit 6F- 94: TRSE Analog – Freq 138.0125 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

138.012500 MHz 25 kHz 1.000 Watt(s) /Low Power

[illegible]

*Pursuant to CFR 47 Part 2.1067 (e), emissions attenuated more than 20 dB below the permissible limit are not reported
Temp(Deg): 23.8 Hum(%RH): 74.4

Remarks:

Passed Results

Marginal Results

Failed Results

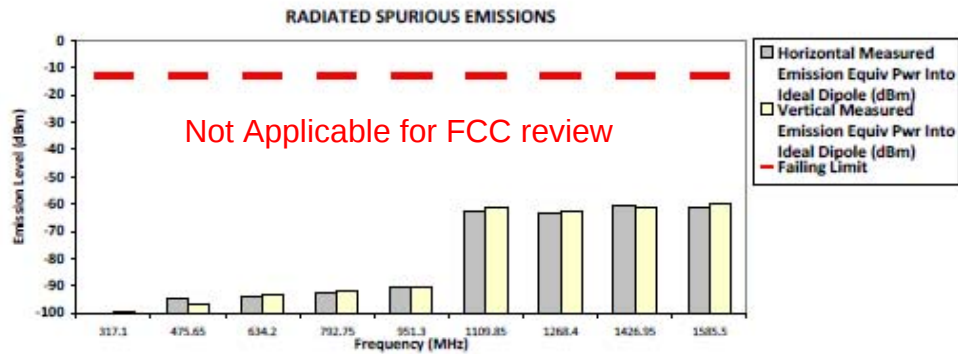
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TSS9PW1AN S/N: AM3A275 SR-03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1

158.55000 MHz 20 kHz Test Mode: TX Analog
 60.000 Watt(s) /Max Power

Frequency (MHz)	Failing Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
317.1000	-13.0000	-100.4181 **	-99.7171 **
475.6500	-13.0000	-94.9498 **	-96.9066 **
634.2000	-13.0000	-93.5915 **	-93.5682 **
792.7500	-13.0000	-92.7415 **	-91.7152 **
951.3000	-13.0000	-90.7634 **	-90.7933 **
1109.8500	-13.0000	-62.6912 **	-61.0983 **
1268.4000	-13.0000	-63.0778 **	-62.5462 **
1426.9500	-13.0000	-60.9285 **	-61.5790 **
1585.5000	-13.0000	-61.5639 **	-60.1572 **



The data presented here was taken using the substitution method as found in the TIA/EIA-603D document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Sun, Aug 14, 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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

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Exhibit 6F- 96: TRSE Analog – Freq 158.55 MHz, Ch Sp 20 kHz